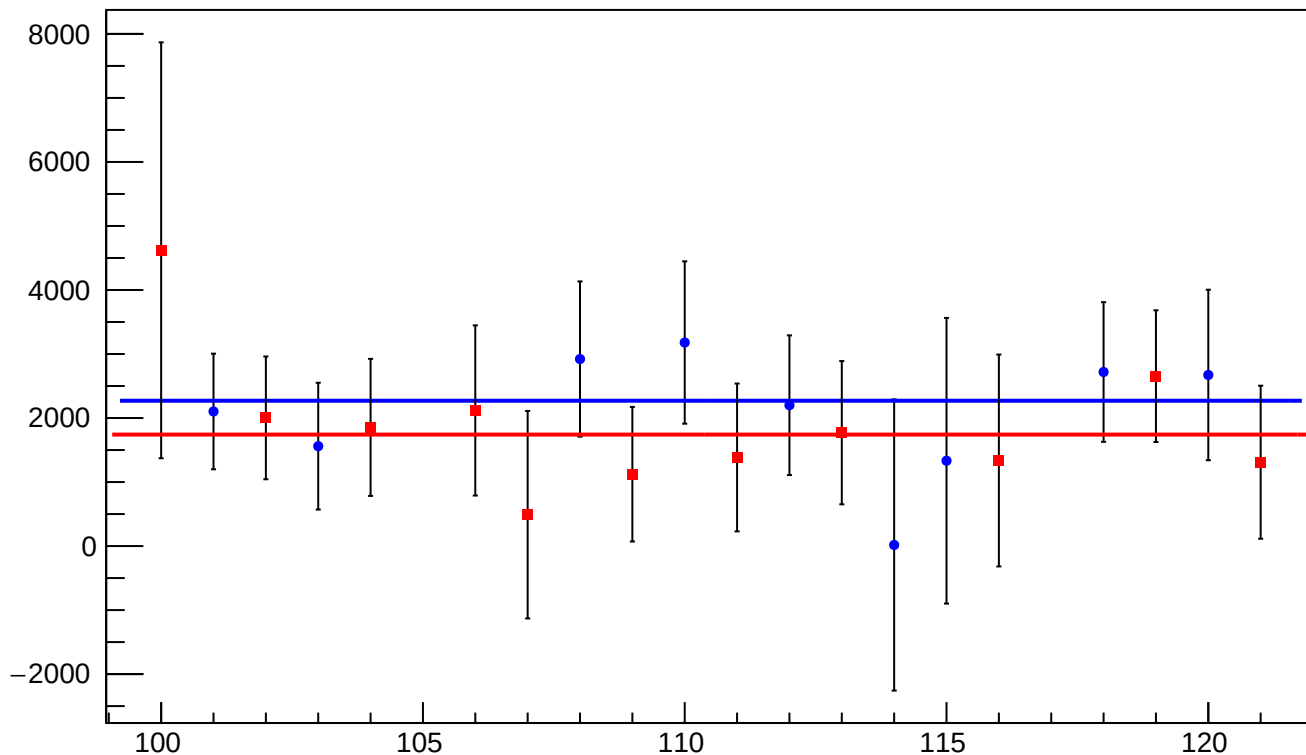


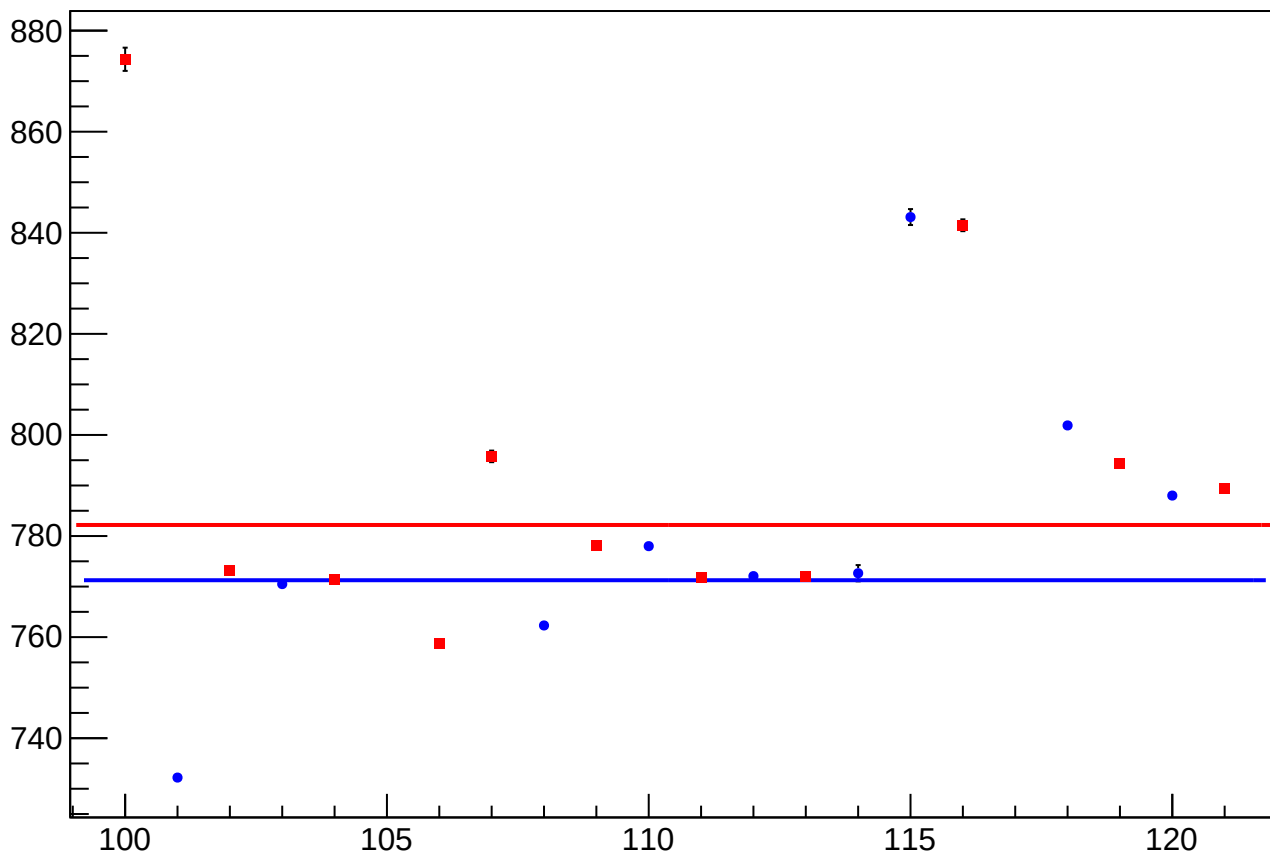
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2270.080 $\pm$ 402.063 χ^2 /NDF: 2.8/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 1741.123 $\pm$ 366.008 χ^2 /NDF: 3.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 1980.826 $\pm$ 270.658 χ^2 /NDF: 6.7/19
 In: 2270.080 $\pm$ 402.063 χ^2 /NDF: 2.8/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1980.826 $\pm$ 270.658 χ^2 /NDF: 6.7/19

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

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

Right Out: 782.188+/-0.259 χ^2/NDF : 6020.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

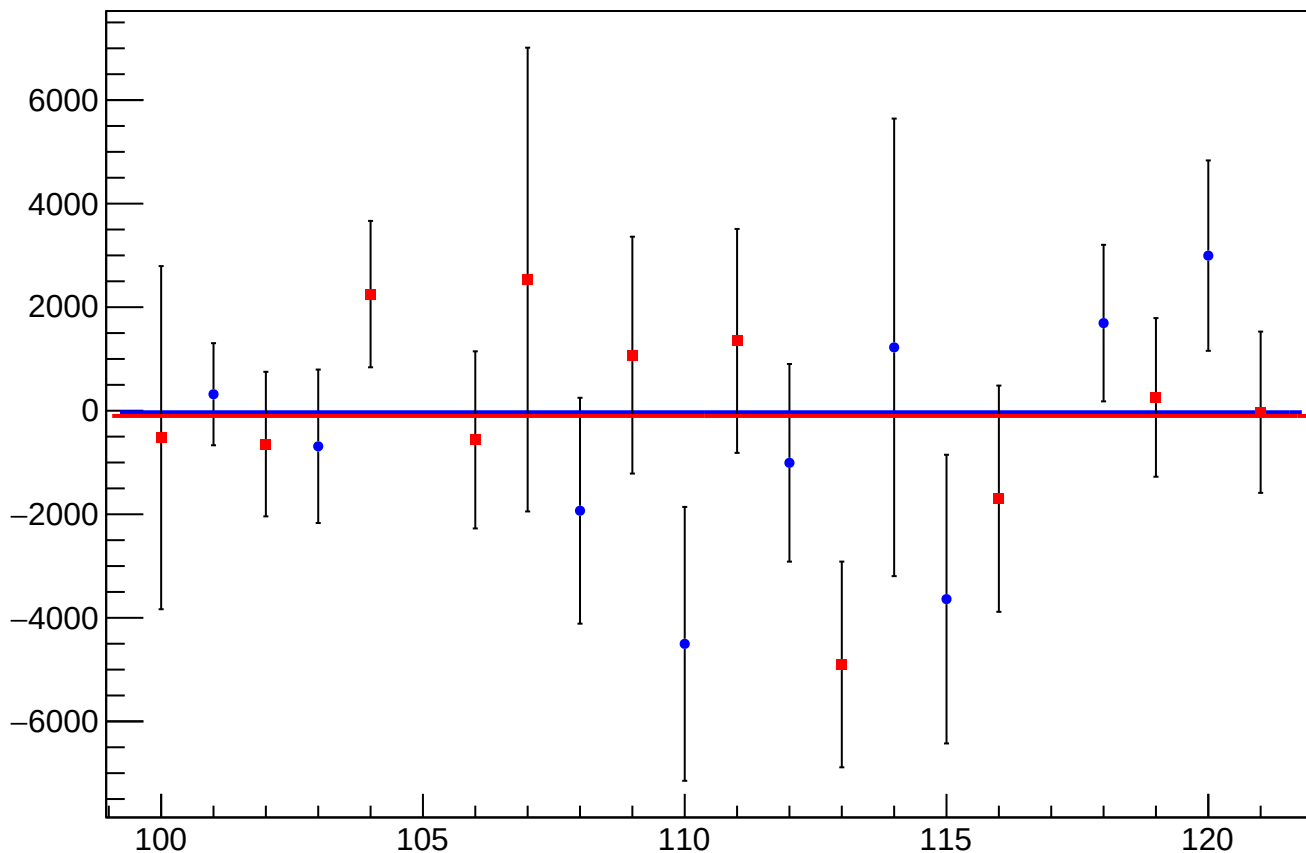
Right: 777.234+/-0.191 χ^2/NDF : 14703.8/19

In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.234+/-0.191 χ^2/NDF : 14703.8/19

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -29.491+/-575.012 χ^2/NDF : 10.0/8

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

Right Out: -100.868+/-558.858 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

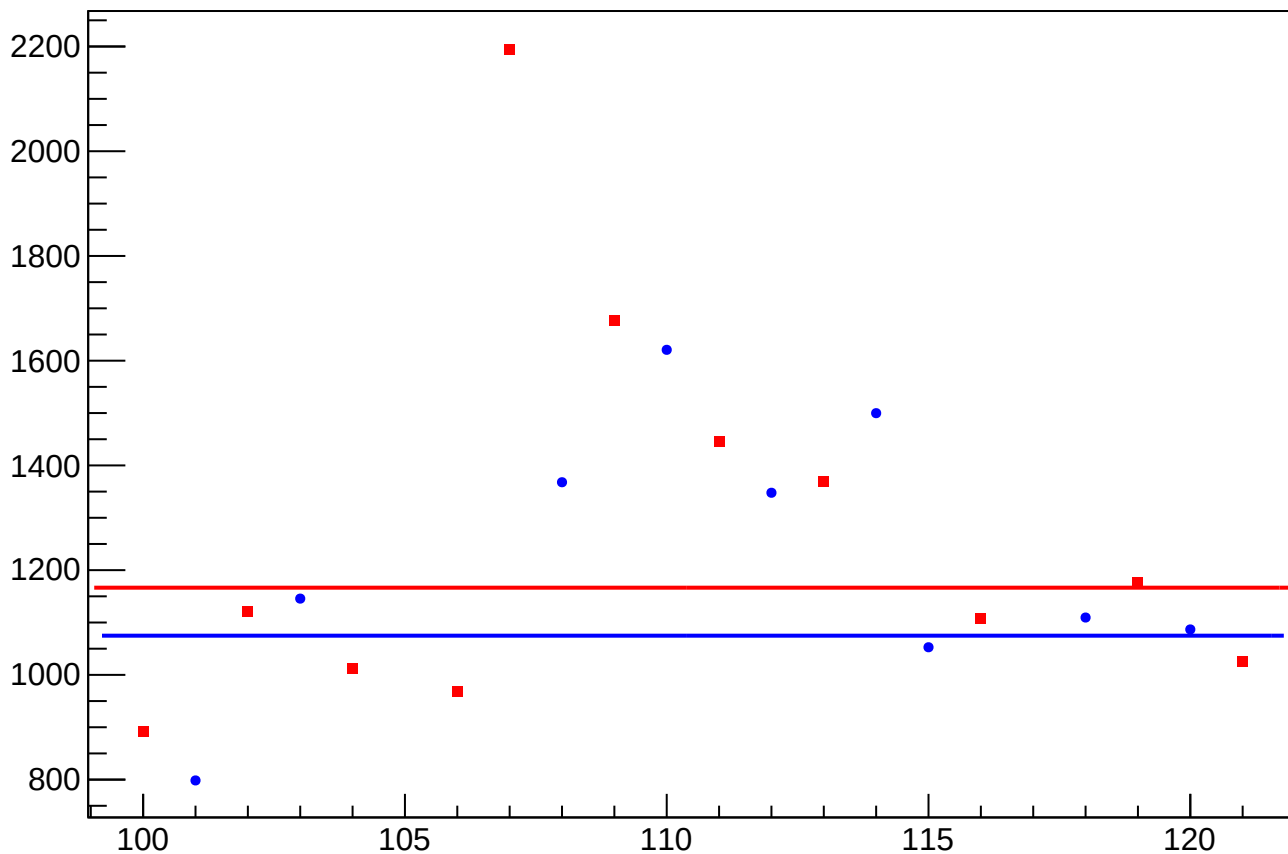
Right: -66.197+/-400.761 χ^2/NDF : 20.5/19

In: -29.491+/-575.012 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.197+/-400.761 χ^2/NDF : 20.5/19

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

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

Right Out: 1166.519+/-0.395 χ^2/NDF : 343455.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

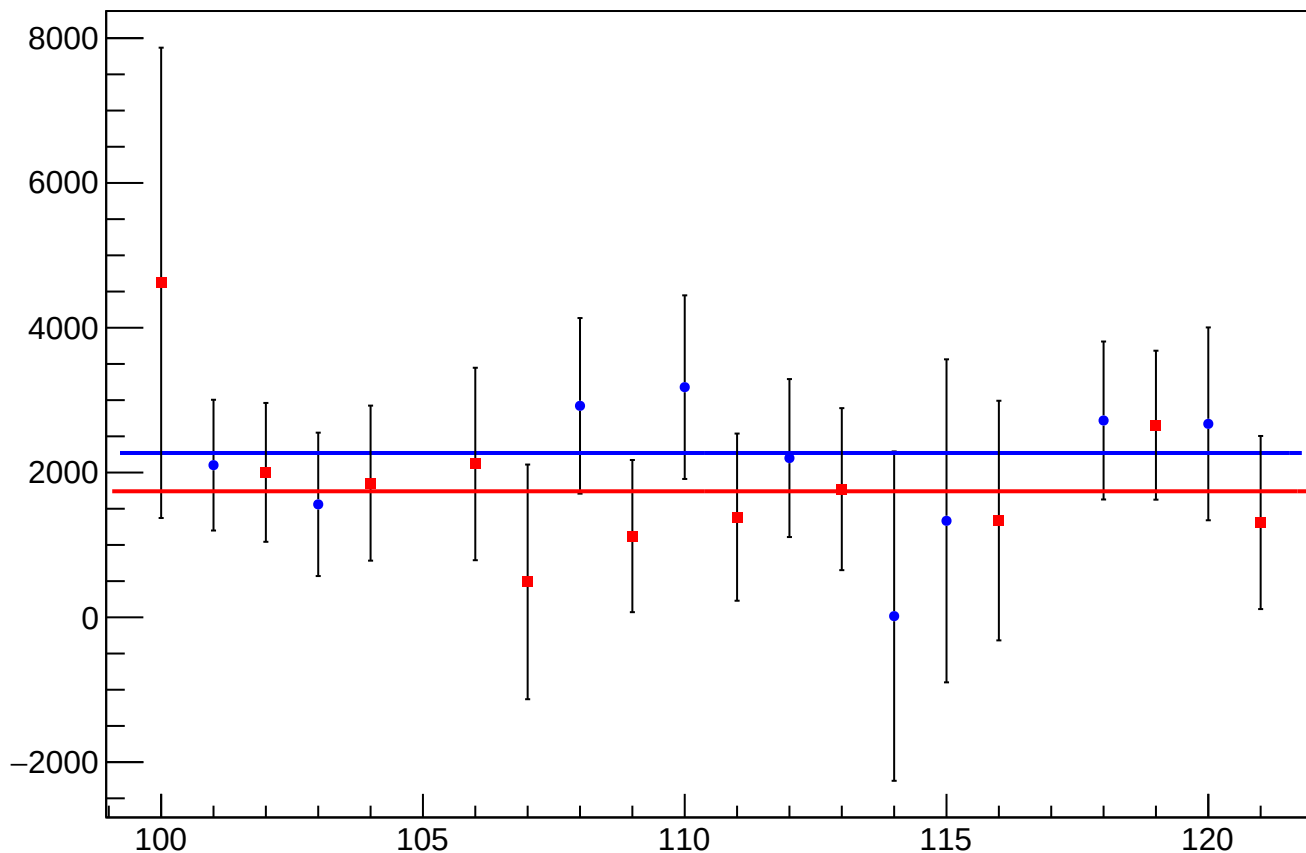
Right: 1121.997+/-0.283 χ^2/NDF : 713283.2/19

In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.997+/-0.283 χ^2/NDF : 713283.2/19

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

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

Right Out: 1741.123+/-366.008 χ^2/NDF : 3.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

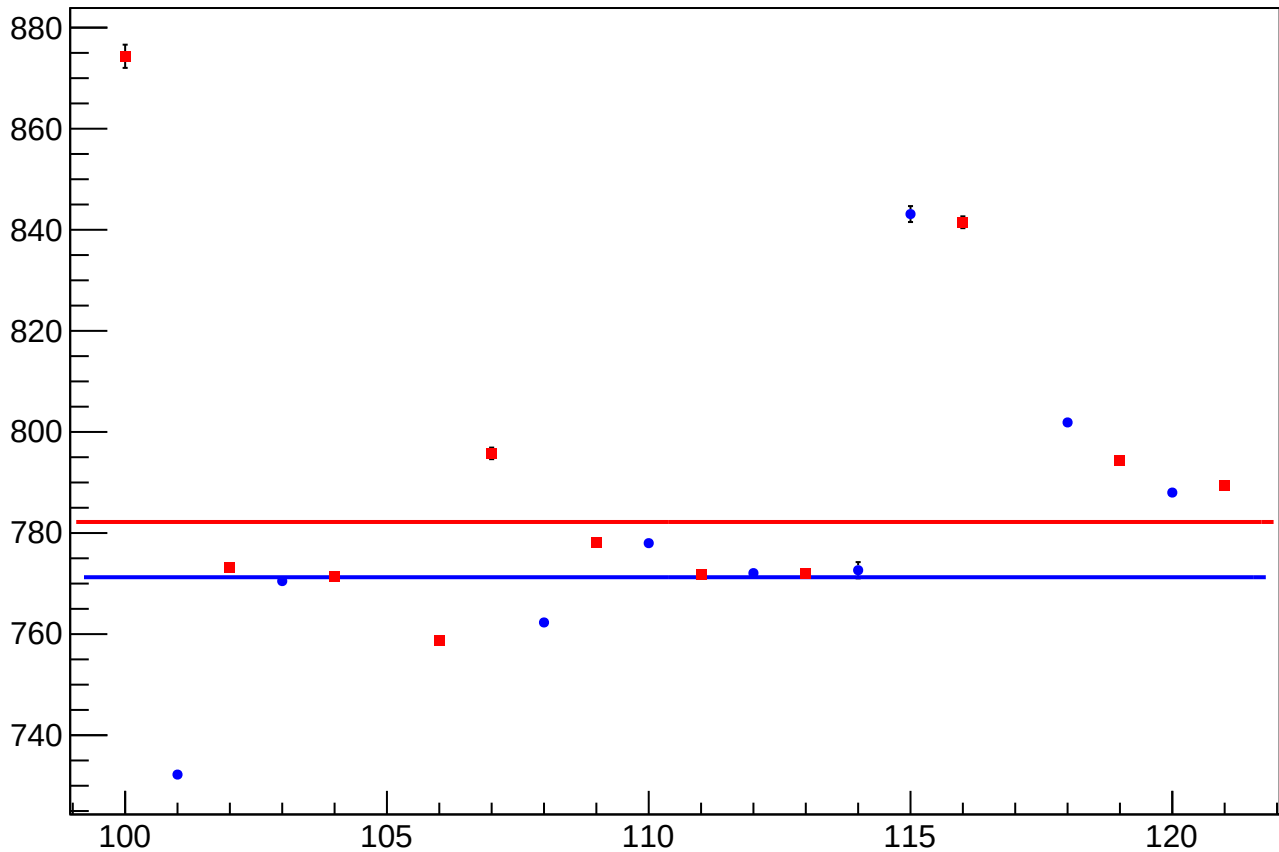
Right: 1980.826+/-270.658 χ^2/NDF : 6.7/19

In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.826+/-270.658 χ^2/NDF : 6.7/19

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

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

Right Out: 782.188+/-0.259 χ^2/NDF : 6020.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

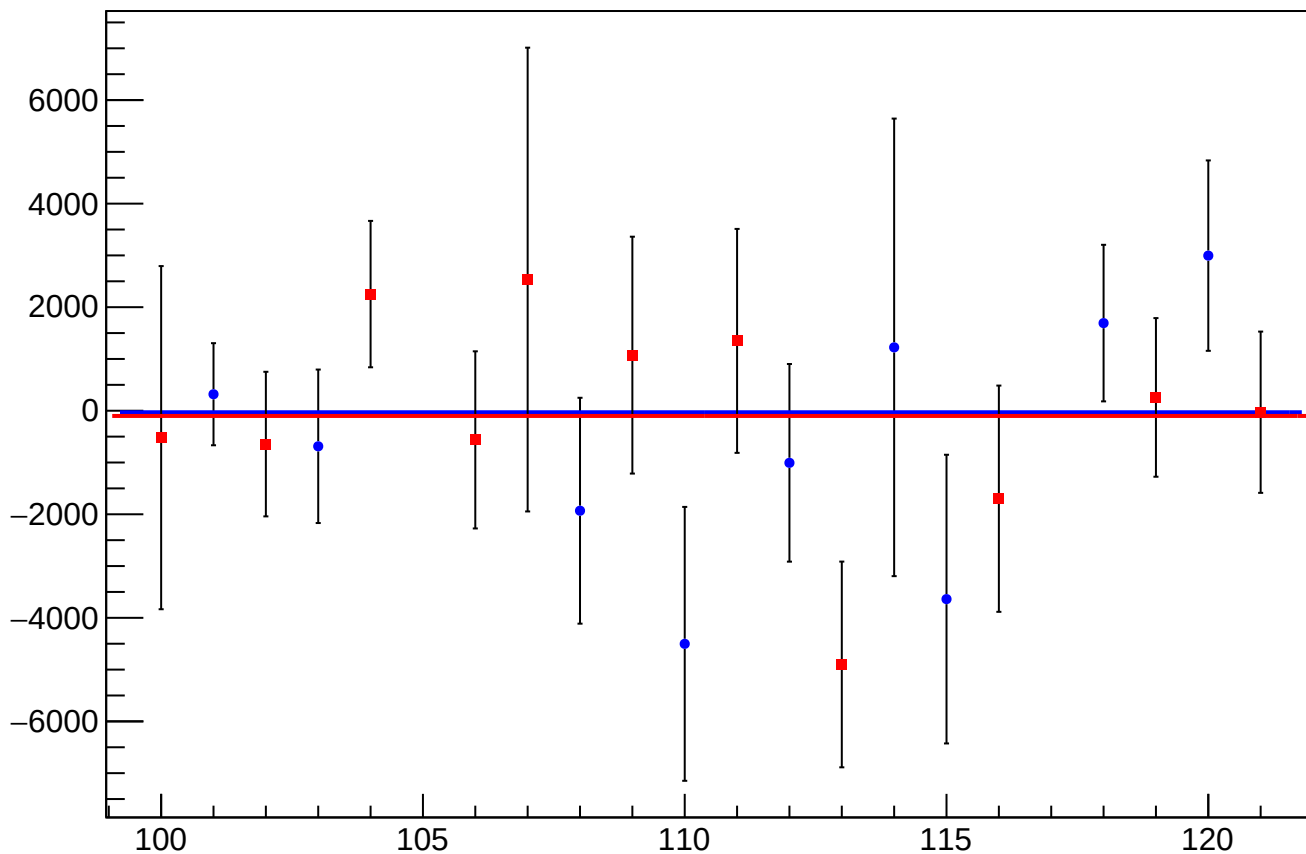
Right: 777.234+/-0.191 χ^2/NDF : 14703.8/19

In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.234+/-0.191 χ^2/NDF : 14703.8/19

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.491+/-575.012 χ^2/NDF : 10.0/8

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

Right Out: -100.868+/-558.858 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

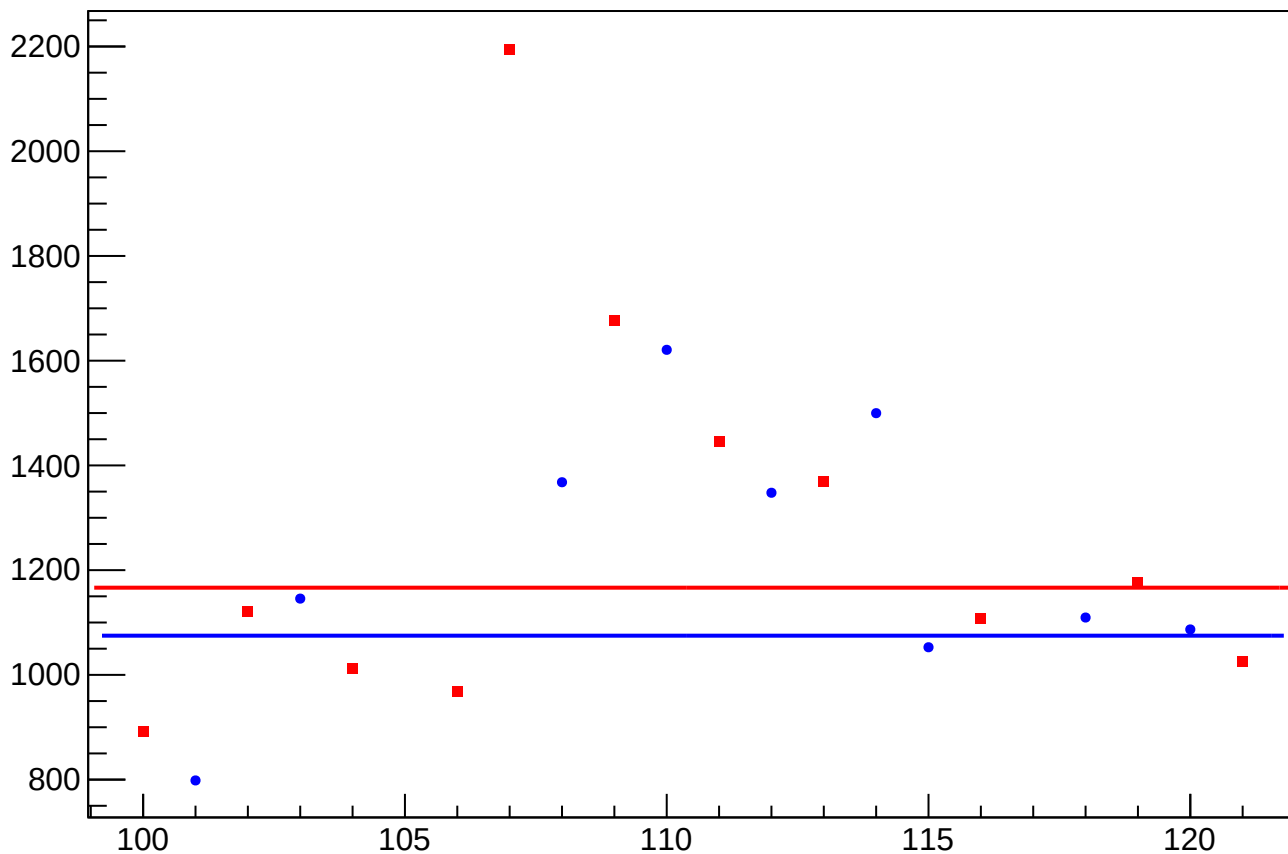
Right: -66.197+/-400.761 χ^2/NDF : 20.5/19

In: -29.491+/-575.012 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.197+/-400.761 χ^2/NDF : 20.5/19

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

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

Right Out: 1166.519+/-0.395 χ^2/NDF : 343455.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

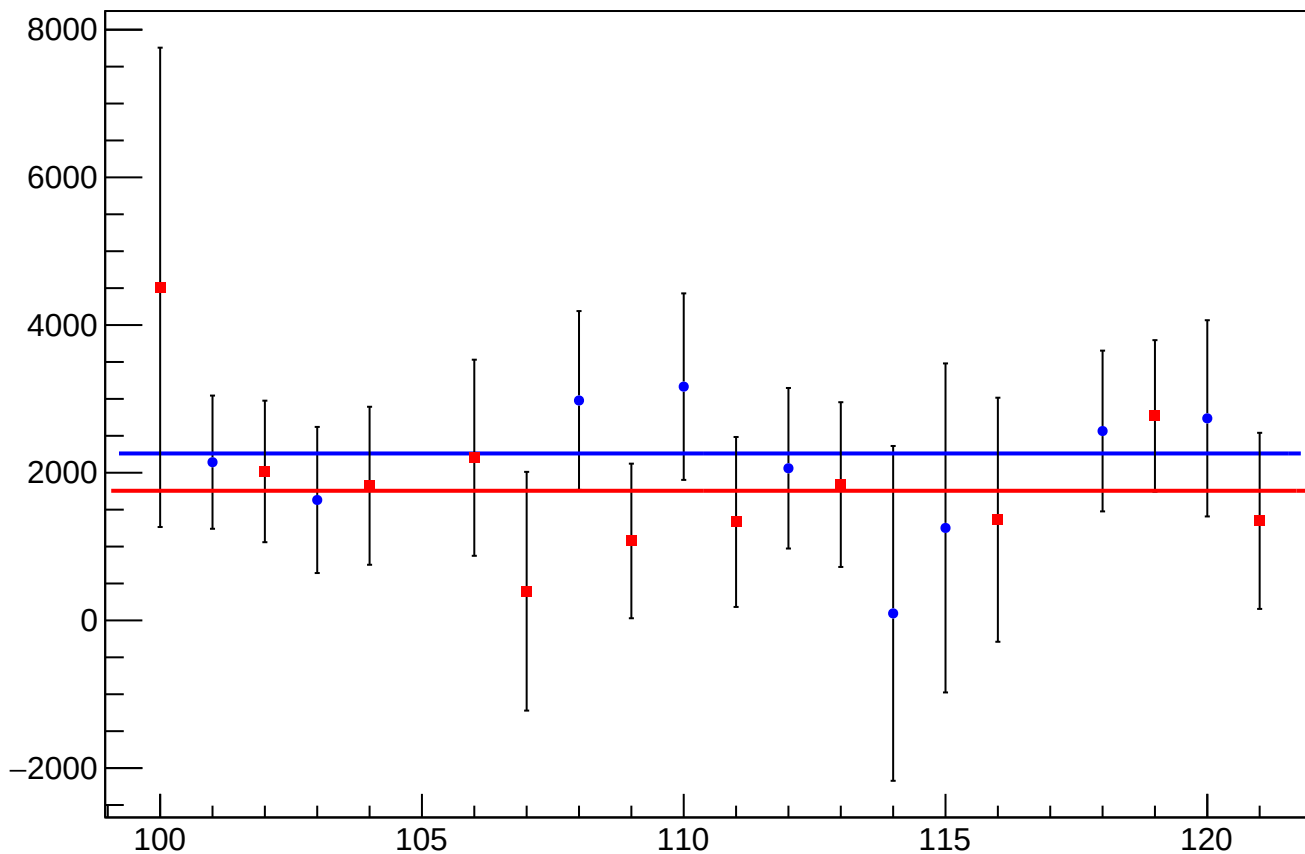
Right: 1121.997+/-0.283 χ^2/NDF : 713283.2/19

In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.997+/-0.283 χ^2/NDF : 713283.2/19

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2260.924+/-401.242 χ^2/NDF : 2.6/8

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

Right Out: 1755.560+/-365.222 χ^2/NDF : 3.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

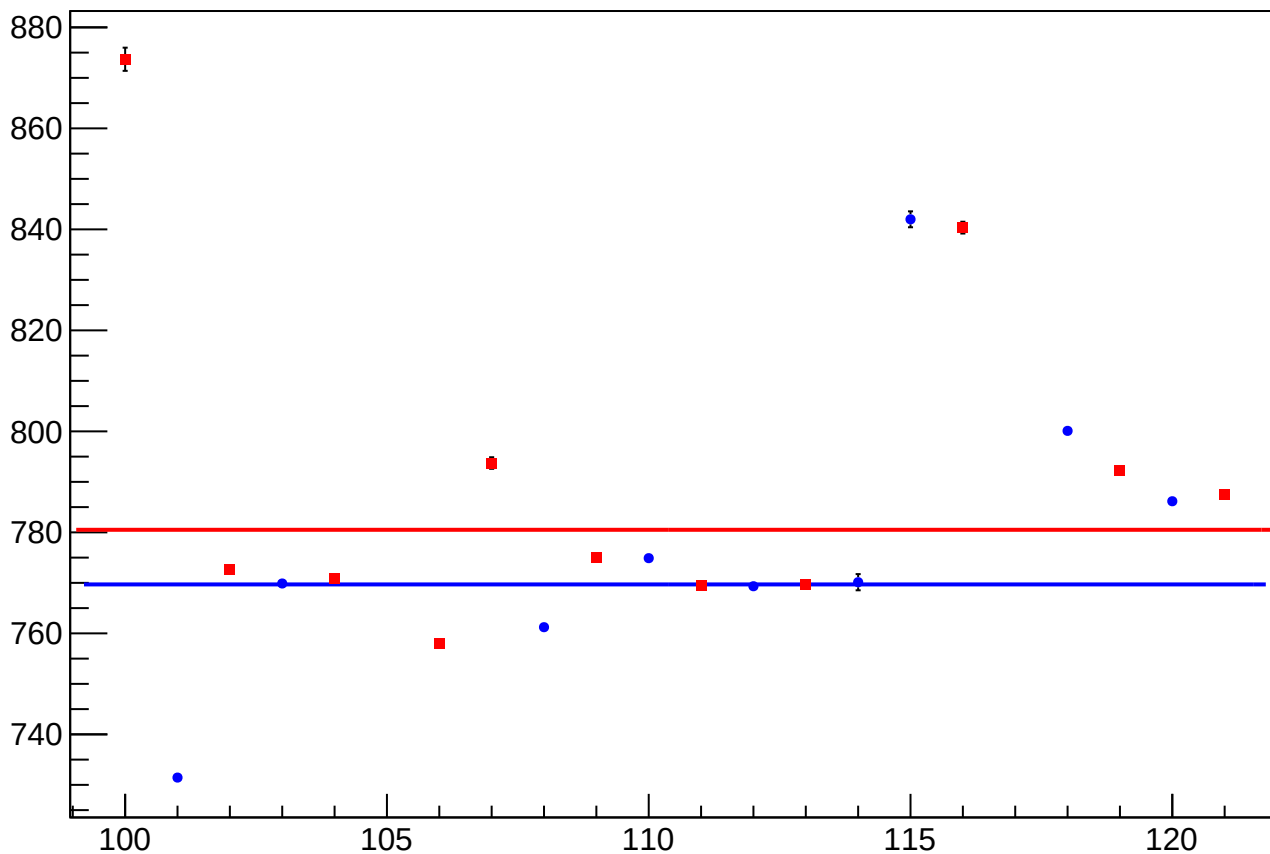
Right: 1984.545+/-270.090 χ^2/NDF : 6.8/19

In: 2260.924+/-401.242 χ^2/NDF : 2.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.545+/-270.090 χ^2/NDF : 6.8/19

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 769.692+/-0.284 χ^2/NDF : 7702.0/8

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

Right Out: 780.509+/-0.258 χ^2/NDF : 6030.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

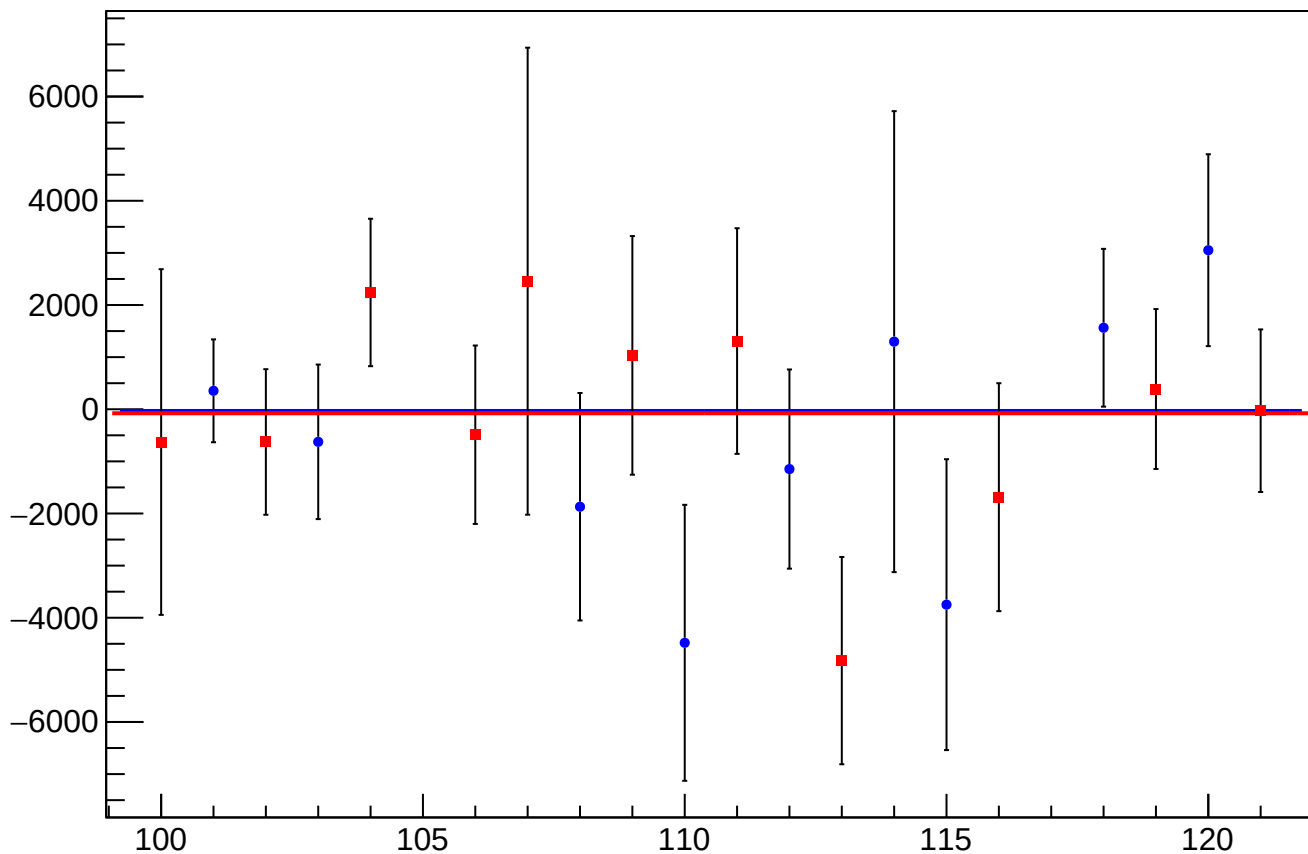
Right: 775.608+/-0.191 χ^2/NDF : 14527.6/19

In: 769.692+/-0.284 χ^2/NDF : 7702.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.608+/-0.191 χ^2/NDF : 14527.6/19

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -33.012 ± 575.515 $\chi^2/\text{NDF}: 10.0/8$

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

Right Out: -76.825 ± 559.303 $\chi^2/\text{NDF}: 10.2/10$

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

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

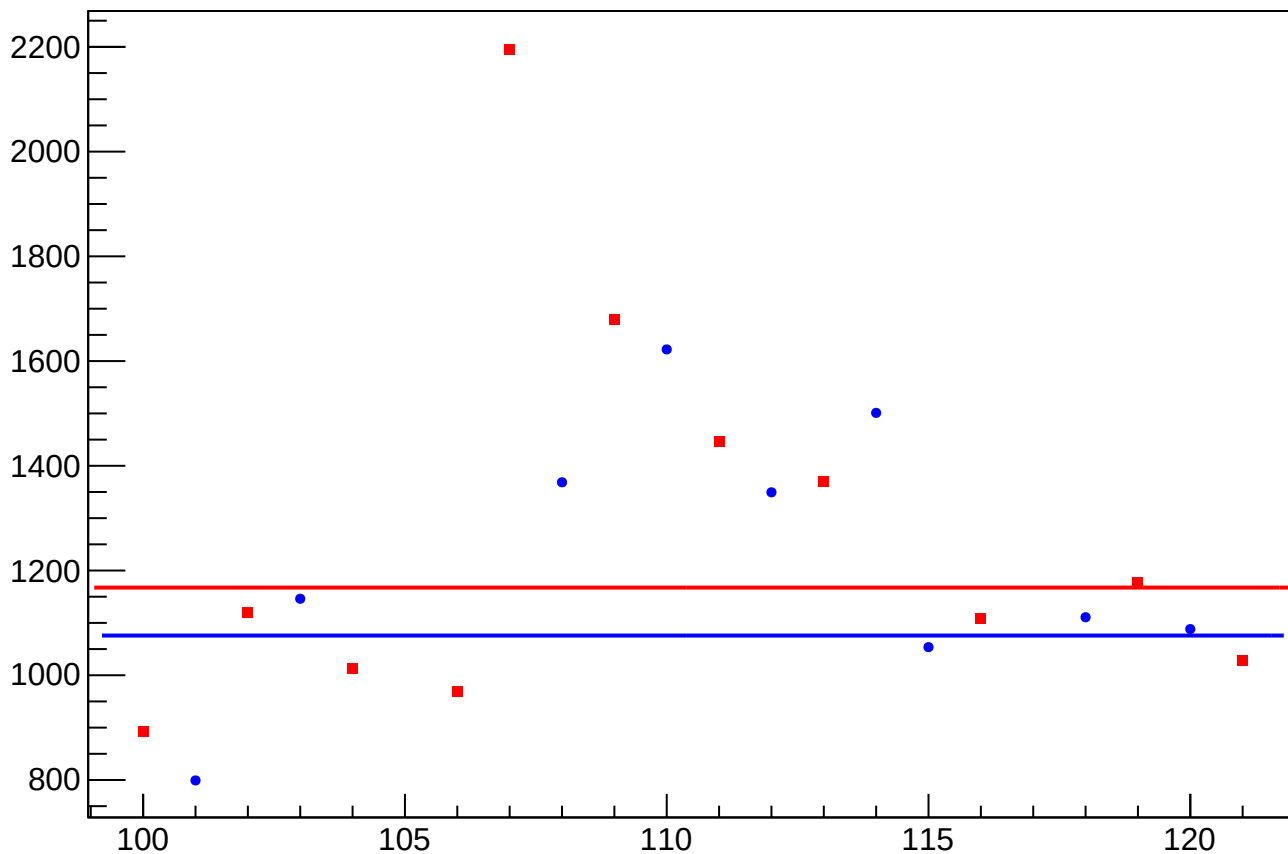
Right: -55.545 ± 401.096 $\chi^2/\text{NDF}: 20.2/19$

In: -33.012 ± 575.515 $\chi^2/\text{NDF}: 10.0/8$

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

All: -55.545 ± 401.096 $\chi^2/\text{NDF}: 20.2/19$

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1075.815+/-0.407 χ^2/NDF : 343622.0/8

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

Right Out: 1167.454+/-0.395 χ^2/NDF : 343478.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

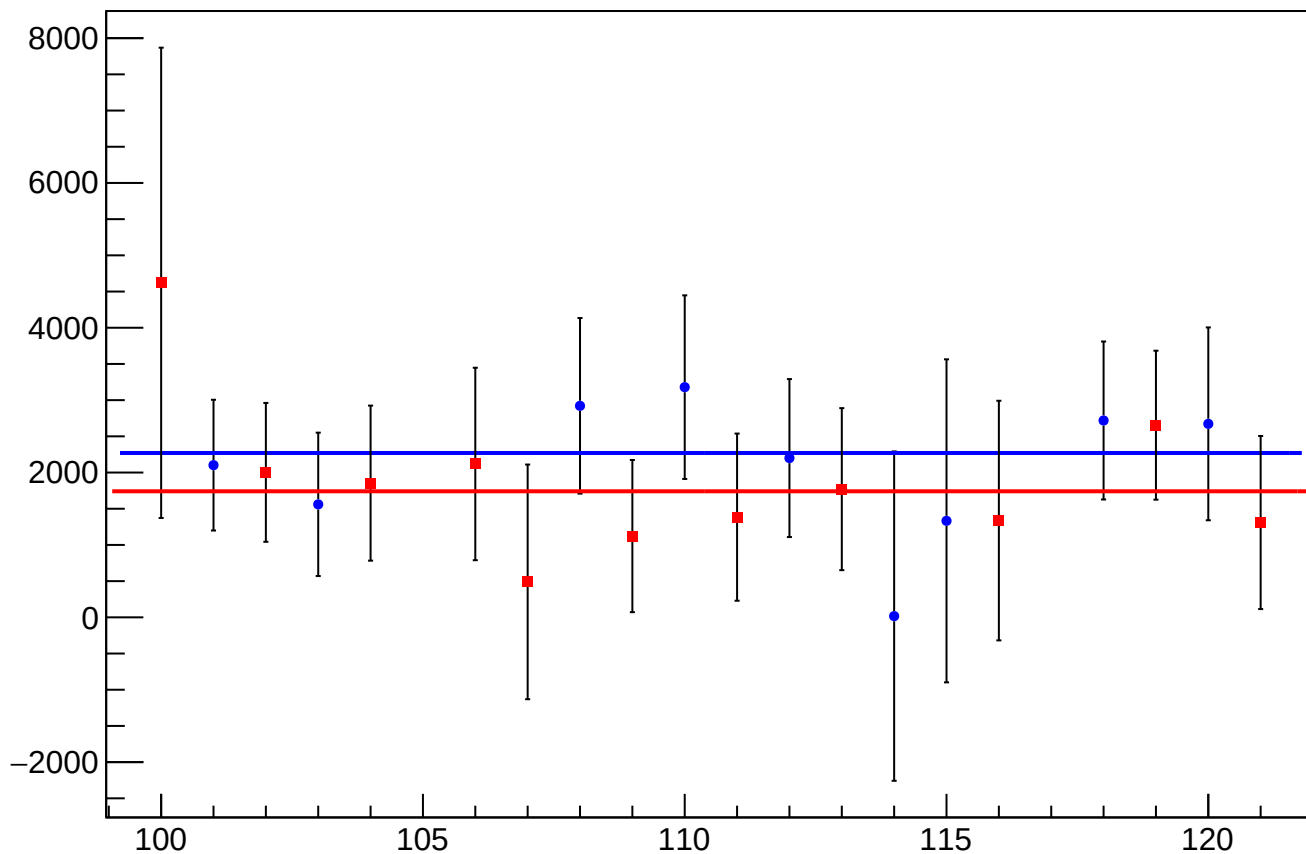
Right: 1122.944+/-0.284 χ^2/NDF : 713179.2/19

In: 1075.815+/-0.407 χ^2/NDF : 343622.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.944+/-0.284 χ^2/NDF : 713179.2/19

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

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

Right Out: 1741.123+/-366.008 χ^2/NDF : 3.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

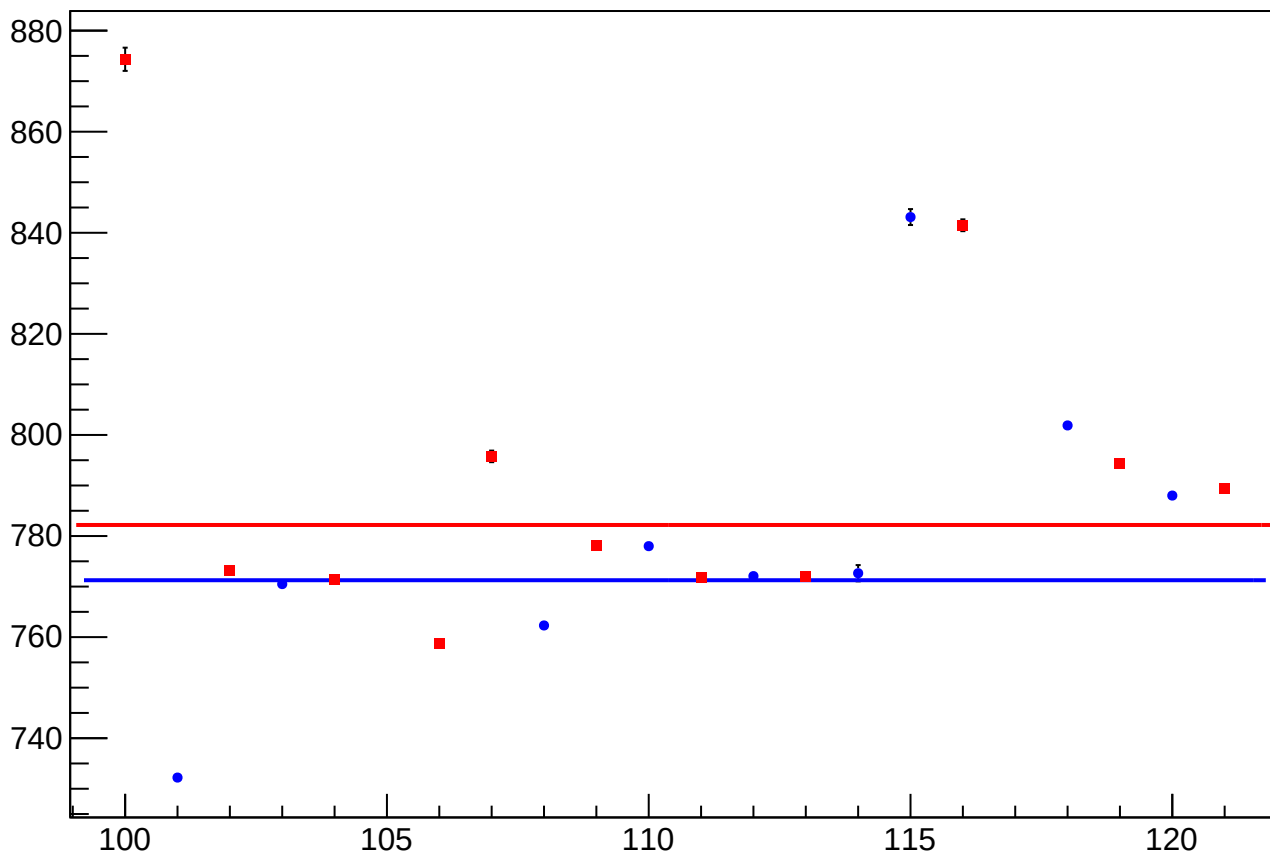
Right: 1980.826+/-270.658 χ^2/NDF : 6.7/19

In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.826+/-270.658 χ^2/NDF : 6.7/19

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

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

Right Out: 782.188+/-0.259 χ^2/NDF : 6020.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

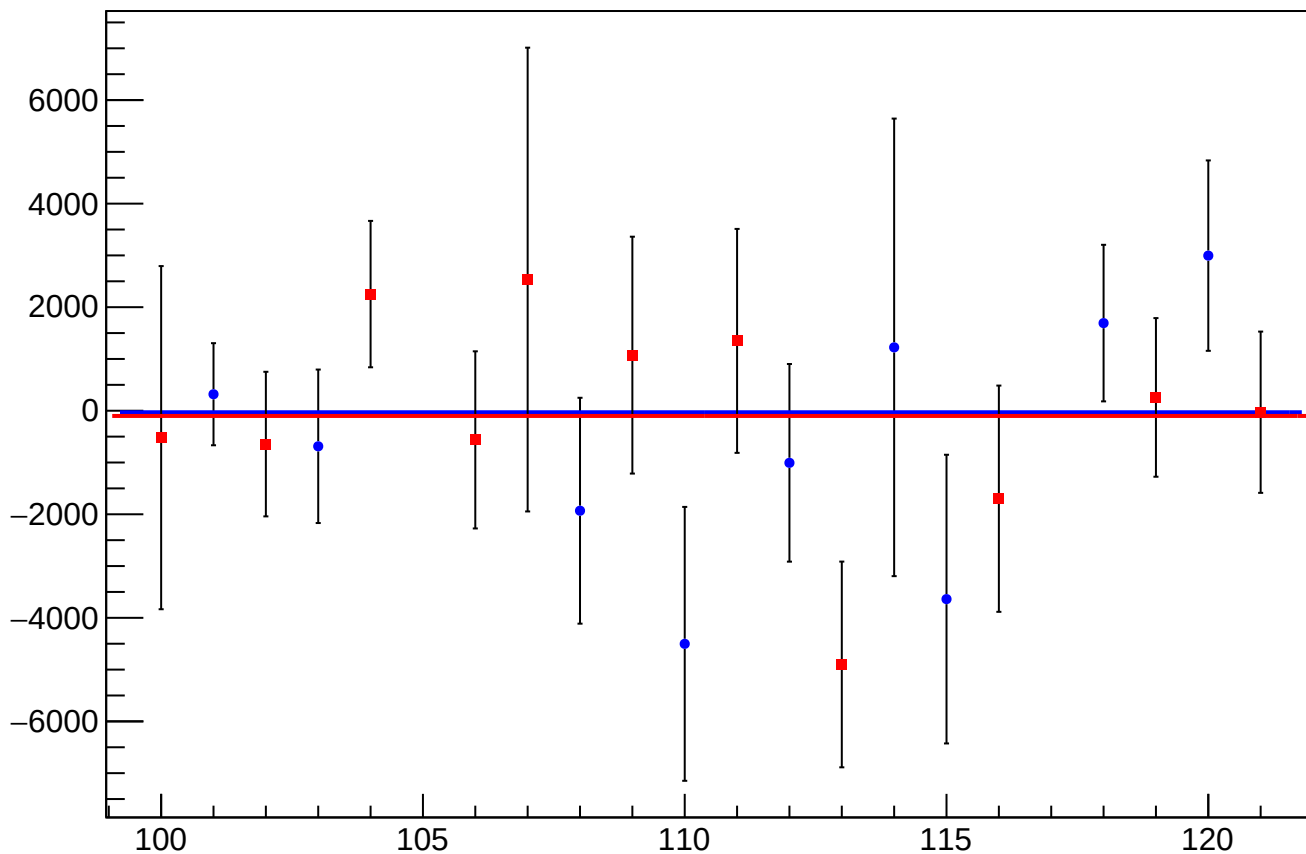
Right: 777.234+/-0.191 χ^2/NDF : 14703.8/19

In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.234+/-0.191 χ^2/NDF : 14703.8/19

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.491+/-575.012 χ^2/NDF : 10.0/8

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

Right Out: -100.868+/-558.858 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

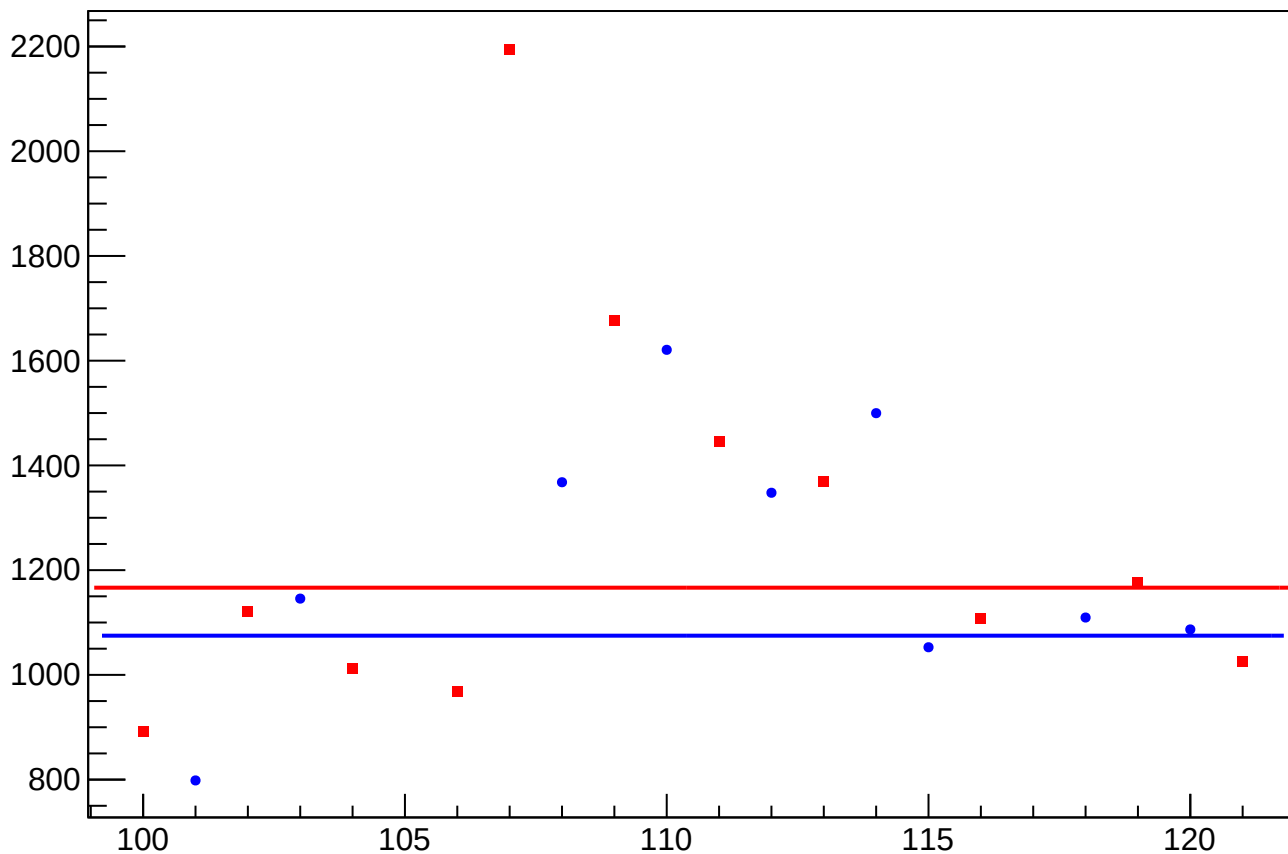
Right: -66.197+/-400.761 χ^2/NDF : 20.5/19

In: -29.491+/-575.012 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.197+/-400.761 χ^2/NDF : 20.5/19

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

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

Right Out: 1166.519+/-0.395 χ^2/NDF : 343455.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

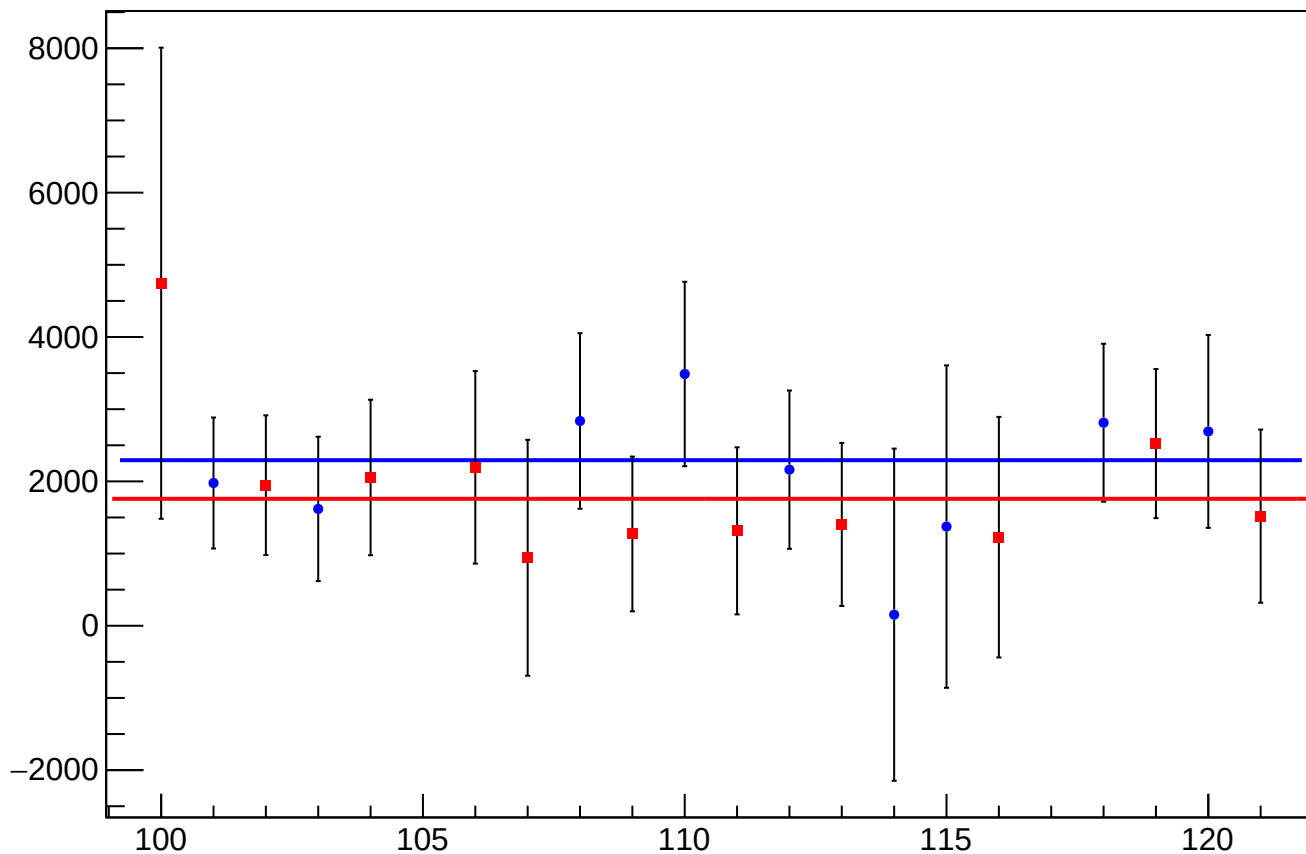
Right: 1121.997+/-0.283 χ^2/NDF : 713283.2/19

In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.997+/-0.283 χ^2/NDF : 713283.2/19

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

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

Right Out: 1758.674+/-368.685 χ^2/NDF : 2.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

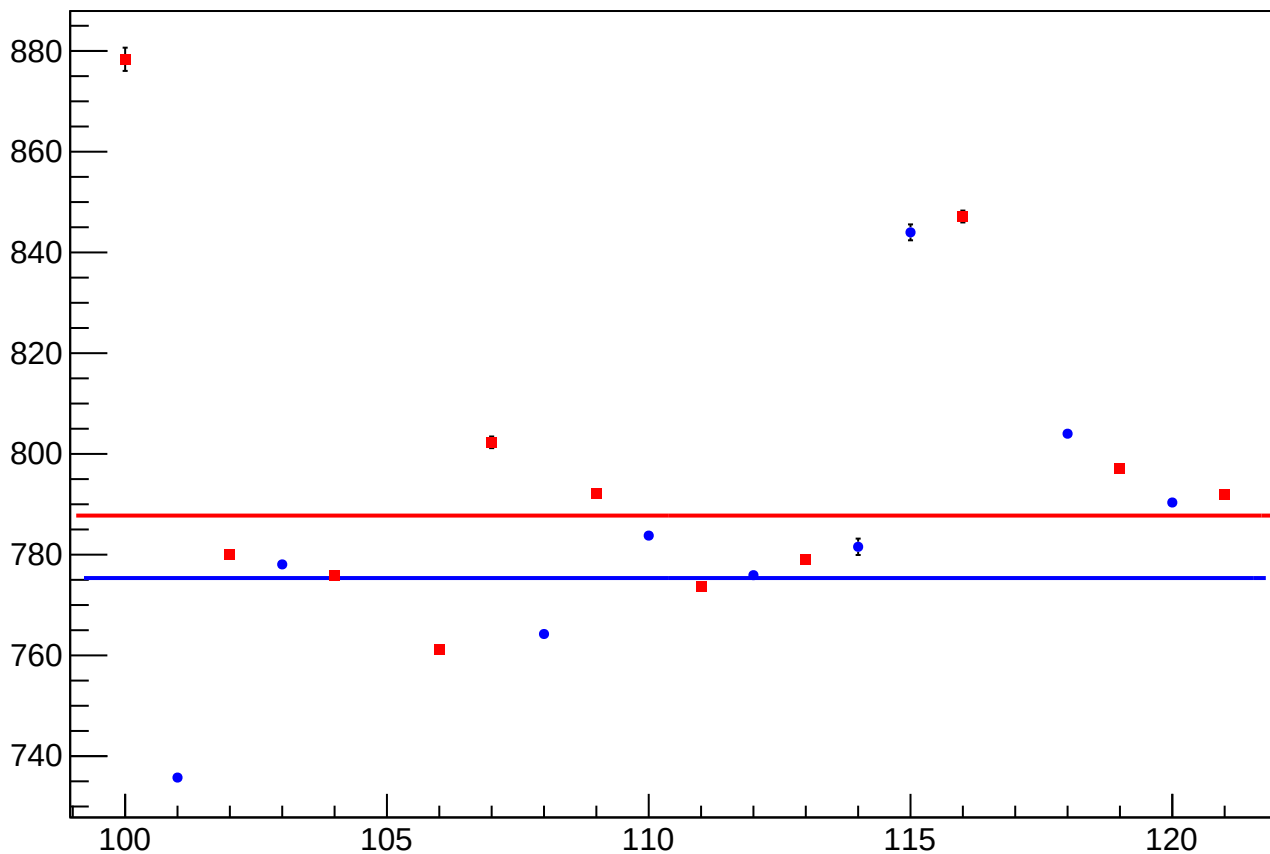
Right: 2001.495+/-272.393 χ^2/NDF : 6.4/19

In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.495+/-272.393 χ^2/NDF : 6.4/19

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

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

Right Out: 787.759+/-0.261 χ^2/NDF : 6039.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

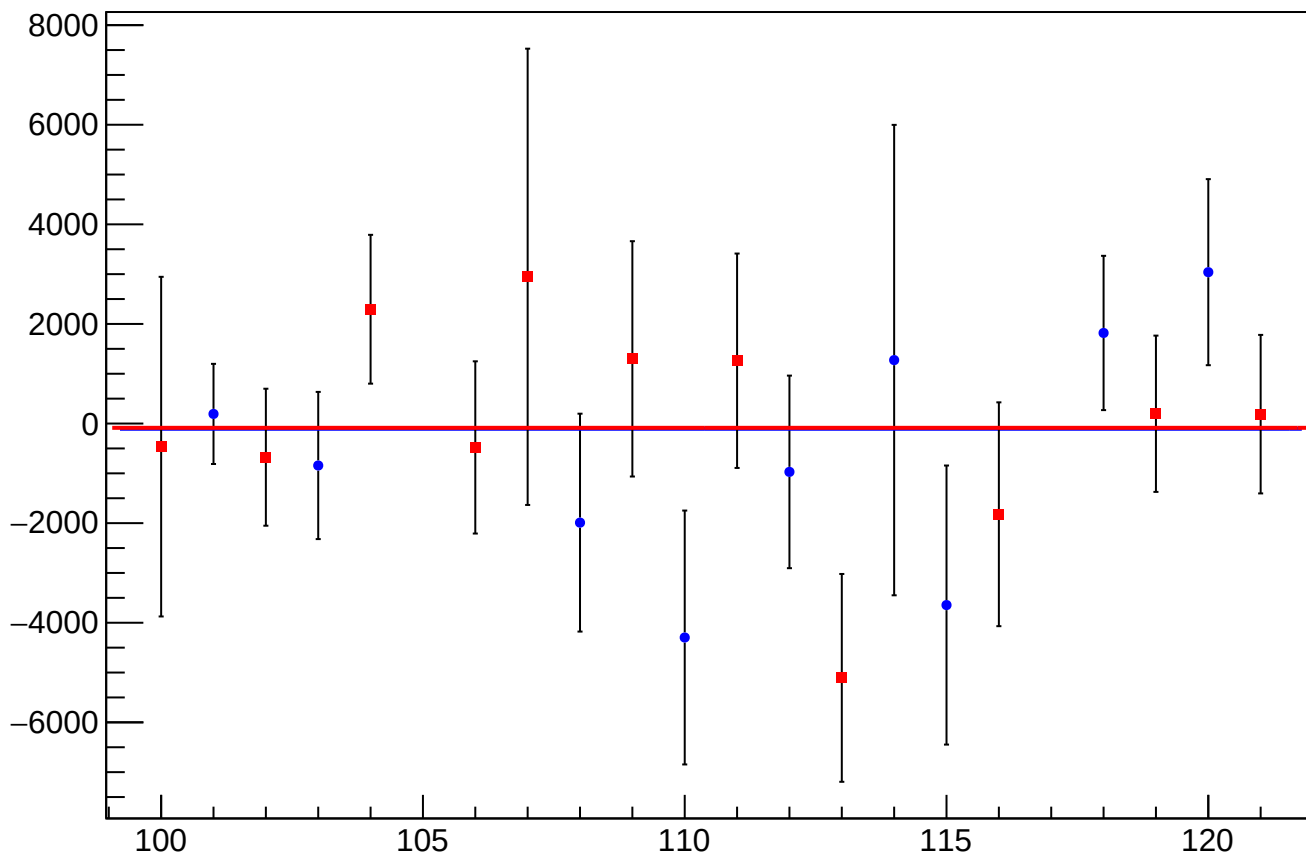
Right: 782.127+/-0.193 χ^2/NDF : 14675.6/19

In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.127+/-0.193 χ^2/NDF : 14675.6/19

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -104.828+/-581.934 χ^2/NDF : 10.0/8

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

Right Out: -85.982+/-570.895 χ^2/NDF : 10.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

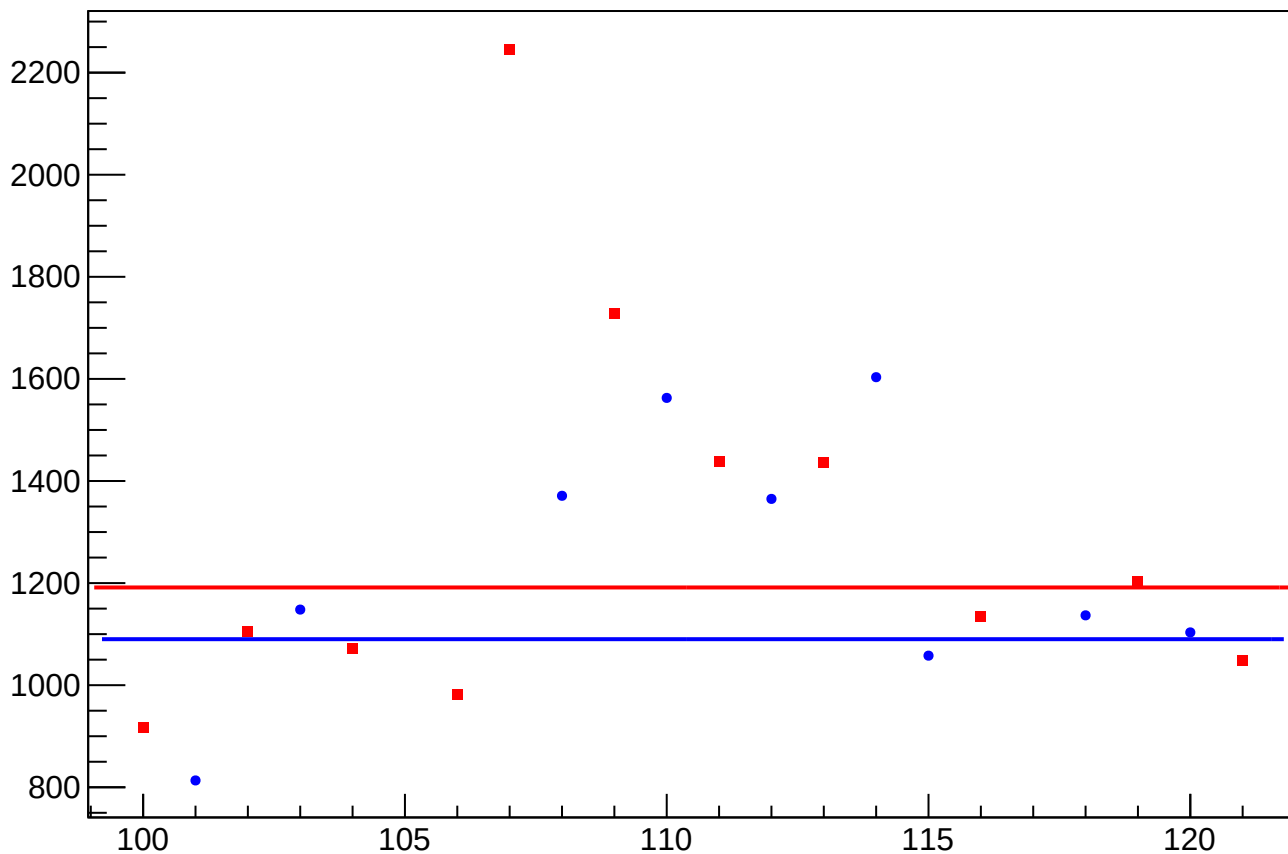
Right: -95.224+/-407.531 χ^2/NDF : 20.5/19

In: -104.828+/-581.934 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.224+/-407.531 χ^2/NDF : 20.5/19

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1090.112+/-0.411 χ^2/NDF : 322513.2/8

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

Right Out: 1191.436+/-0.404 χ^2/NDF : 343584.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

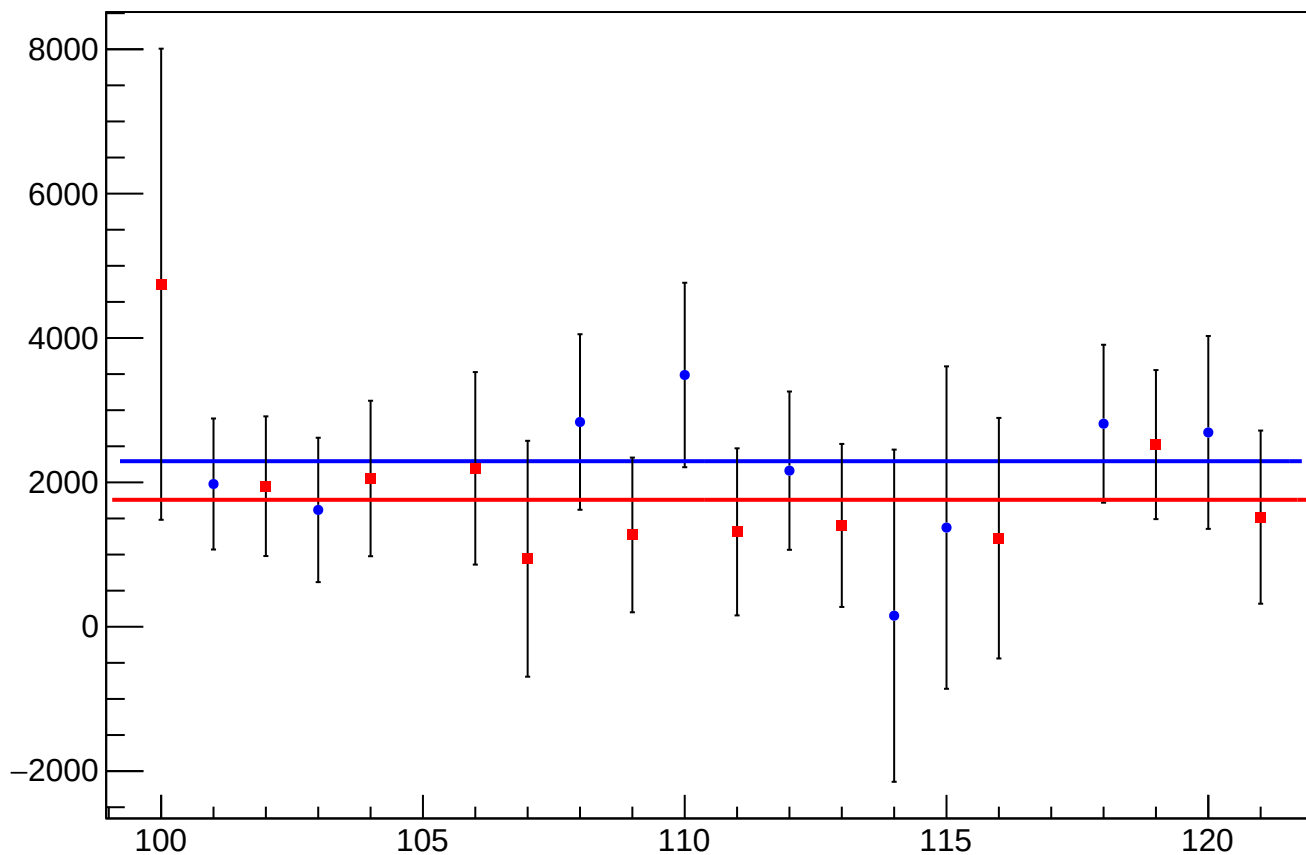
Right: 1141.744+/-0.288 χ^2/NDF : 696994.8/19

In: 1090.112+/-0.411 χ^2/NDF : 322513.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.744+/-0.288 χ^2/NDF : 696994.8/19

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

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

Right Out: 1758.673+/-368.685 χ^2/NDF : 2.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

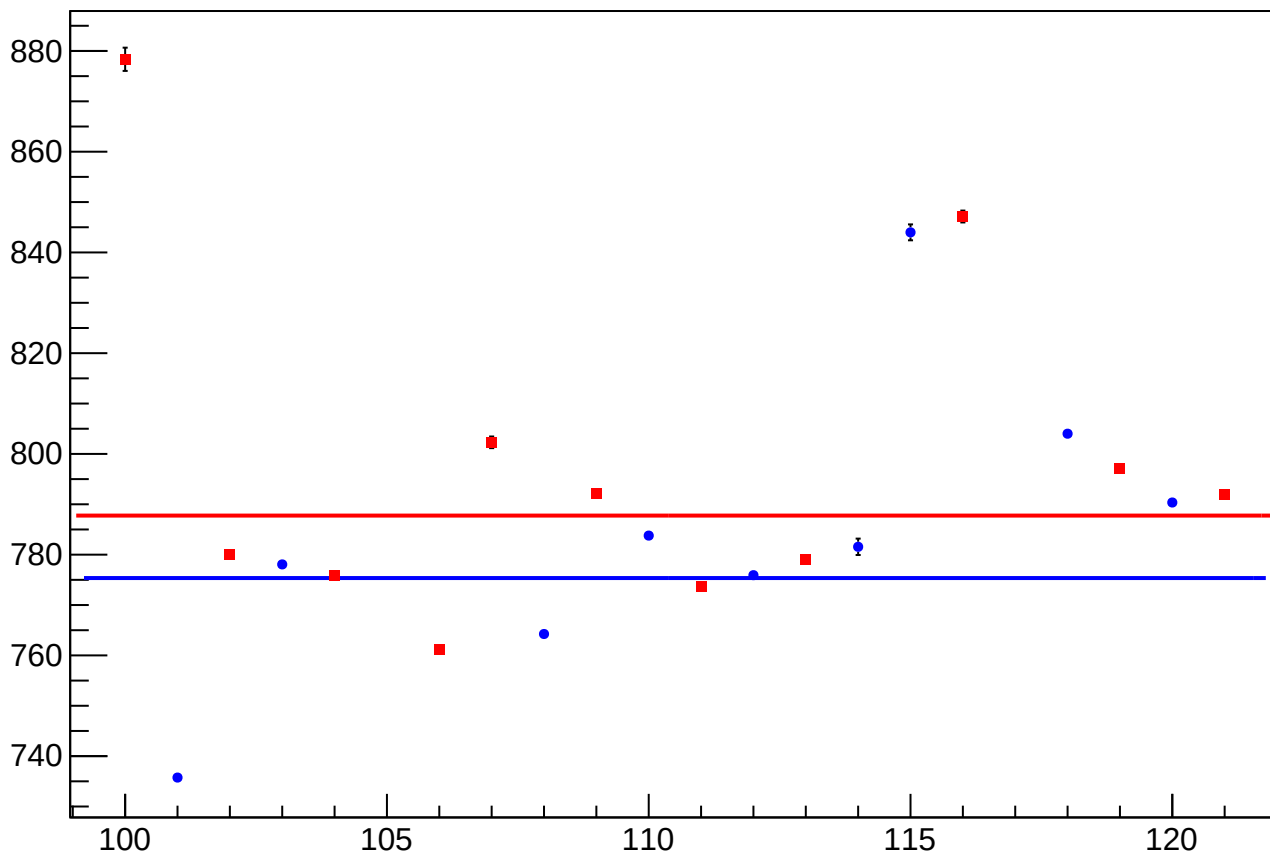
Right: 2001.495+/-272.393 χ^2/NDF : 6.4/19

In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.495+/-272.393 χ^2/NDF : 6.4/19

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

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

Right Out: 787.758+/-0.261 χ^2/NDF : 6039.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

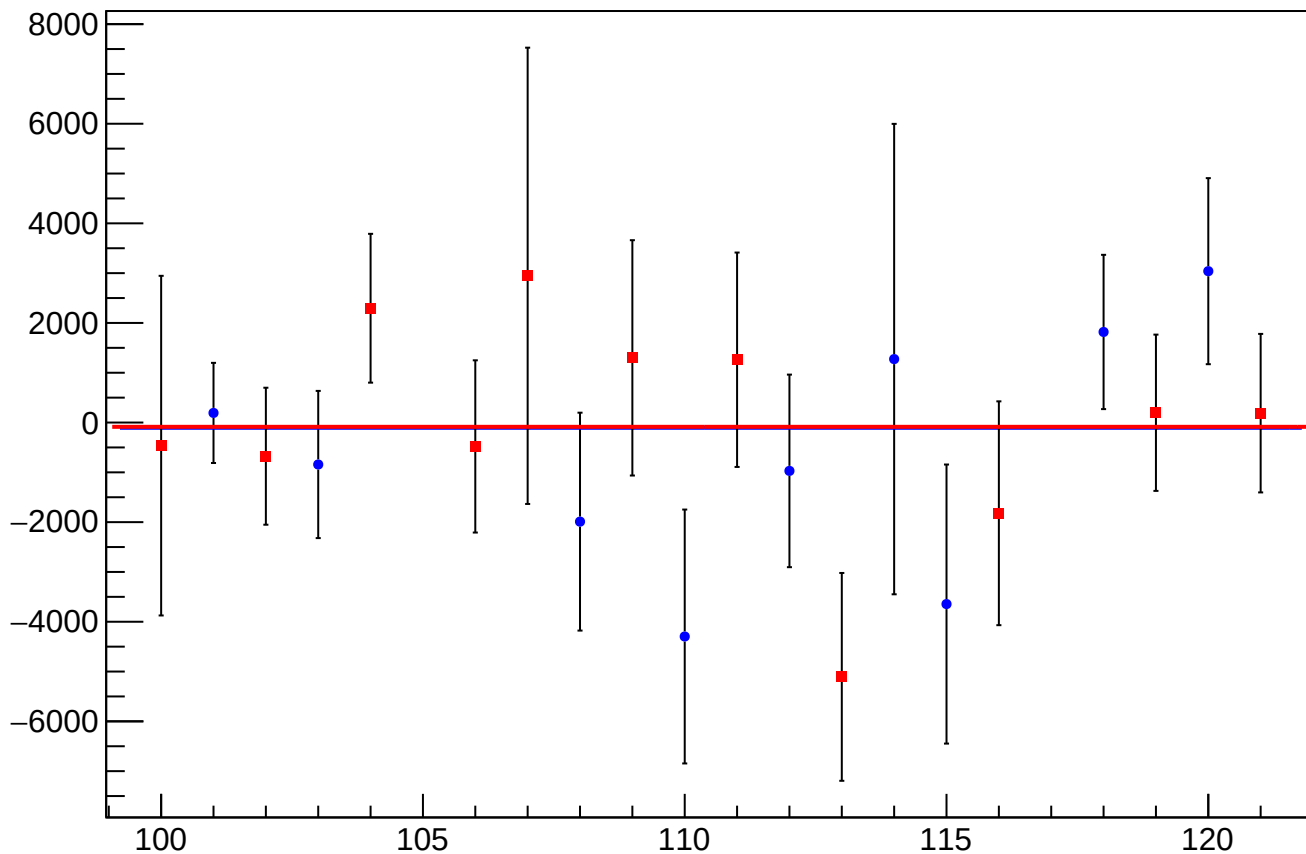
Right: 782.126+/-0.193 χ^2/NDF : 14675.5/19

In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.126+/-0.193 χ^2/NDF : 14675.5/19

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -104.827+/-581.933 χ^2/NDF : 10.0/8

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

Right Out: -85.981+/-570.893 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

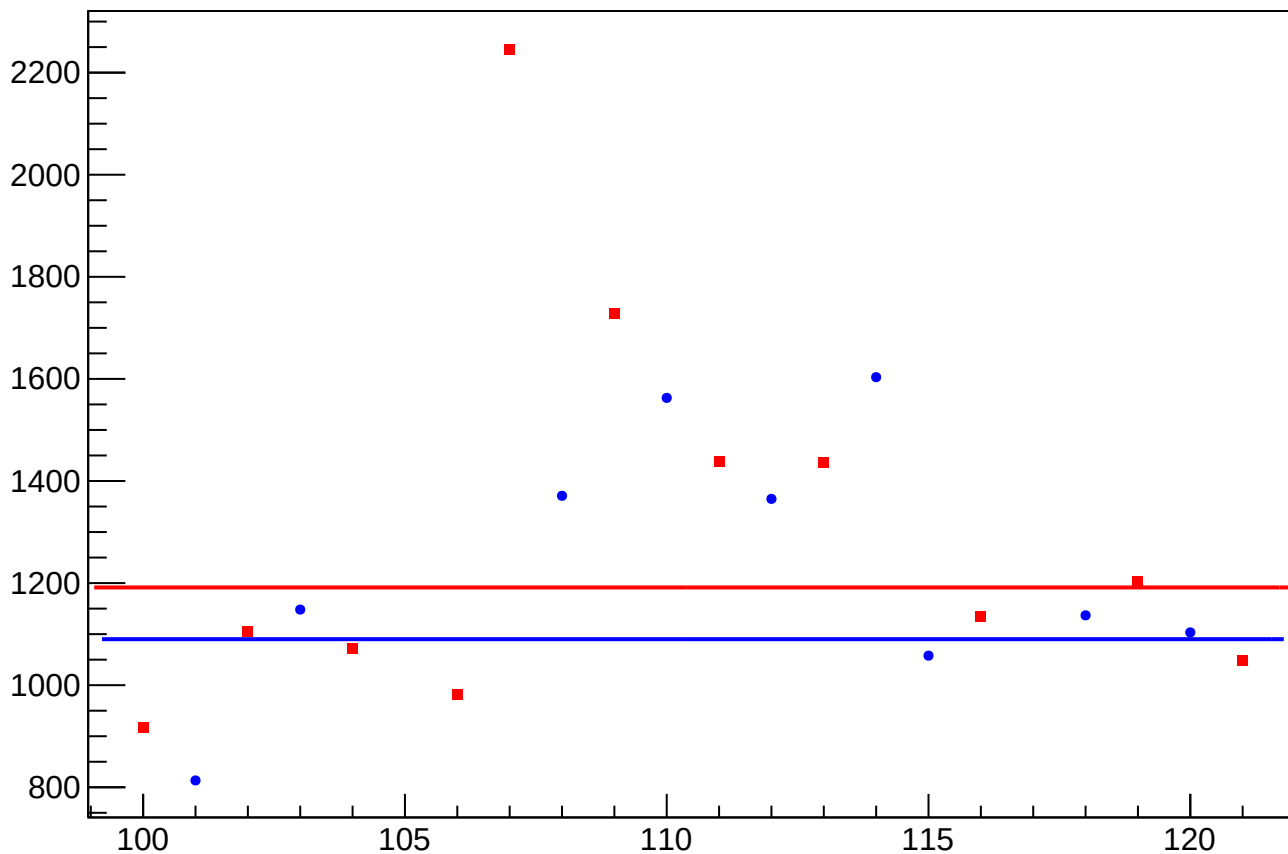
Right: -95.224+/-407.529 χ^2/NDF : 20.5/19

In: -104.827+/-581.933 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -95.224+/-407.529 χ^2/NDF : 20.5/19

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1090.109+/-0.411 χ^2/NDF : 322511.1/8

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

Right Out: 1191.432+/-0.404 χ^2/NDF : 343583.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

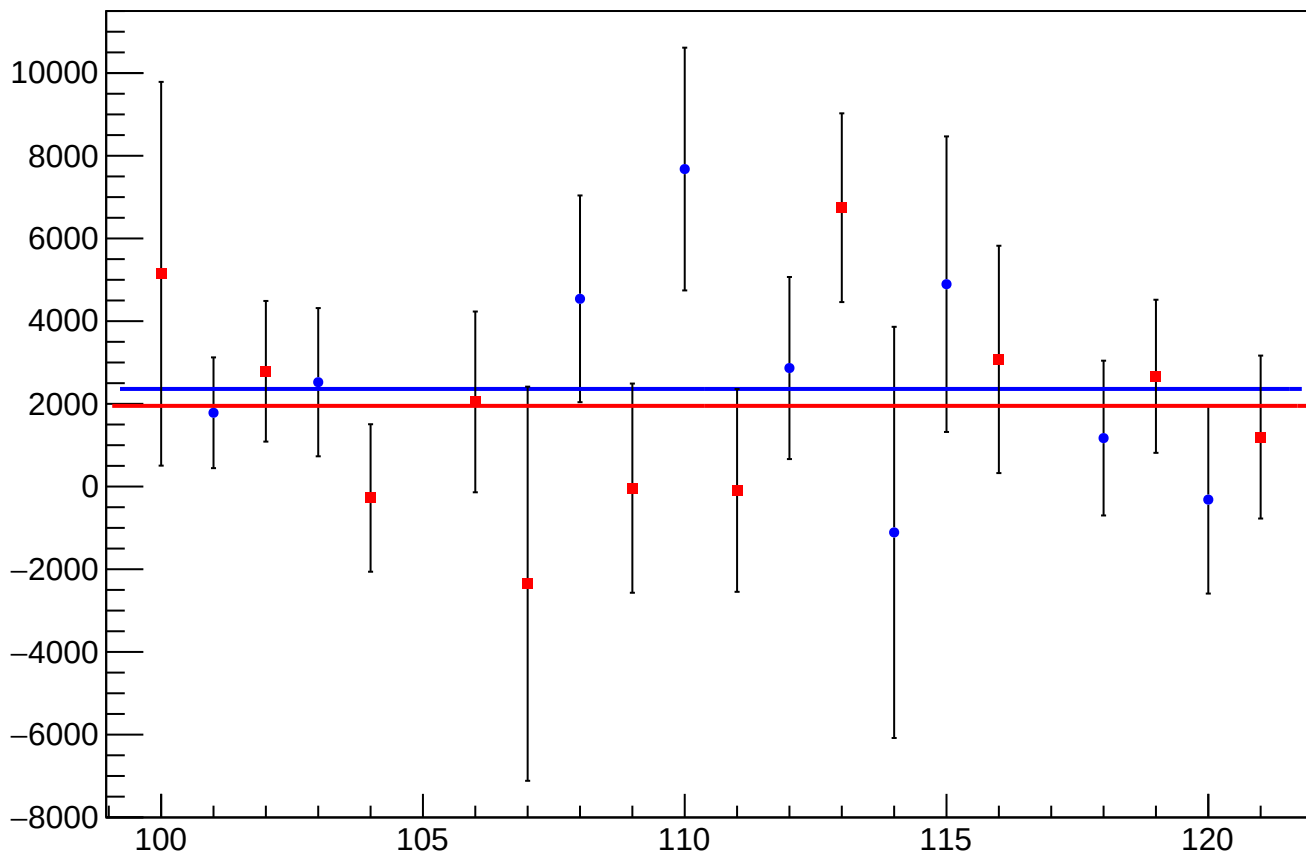
Right: 1141.741+/-0.288 χ^2/NDF : 696990.9/19

In: 1090.109+/-0.411 χ^2/NDF : 322511.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.741+/-0.288 χ^2/NDF : 696990.9/19

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

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

Right Out: 1951.082+/-681.082 χ^2/NDF : 9.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

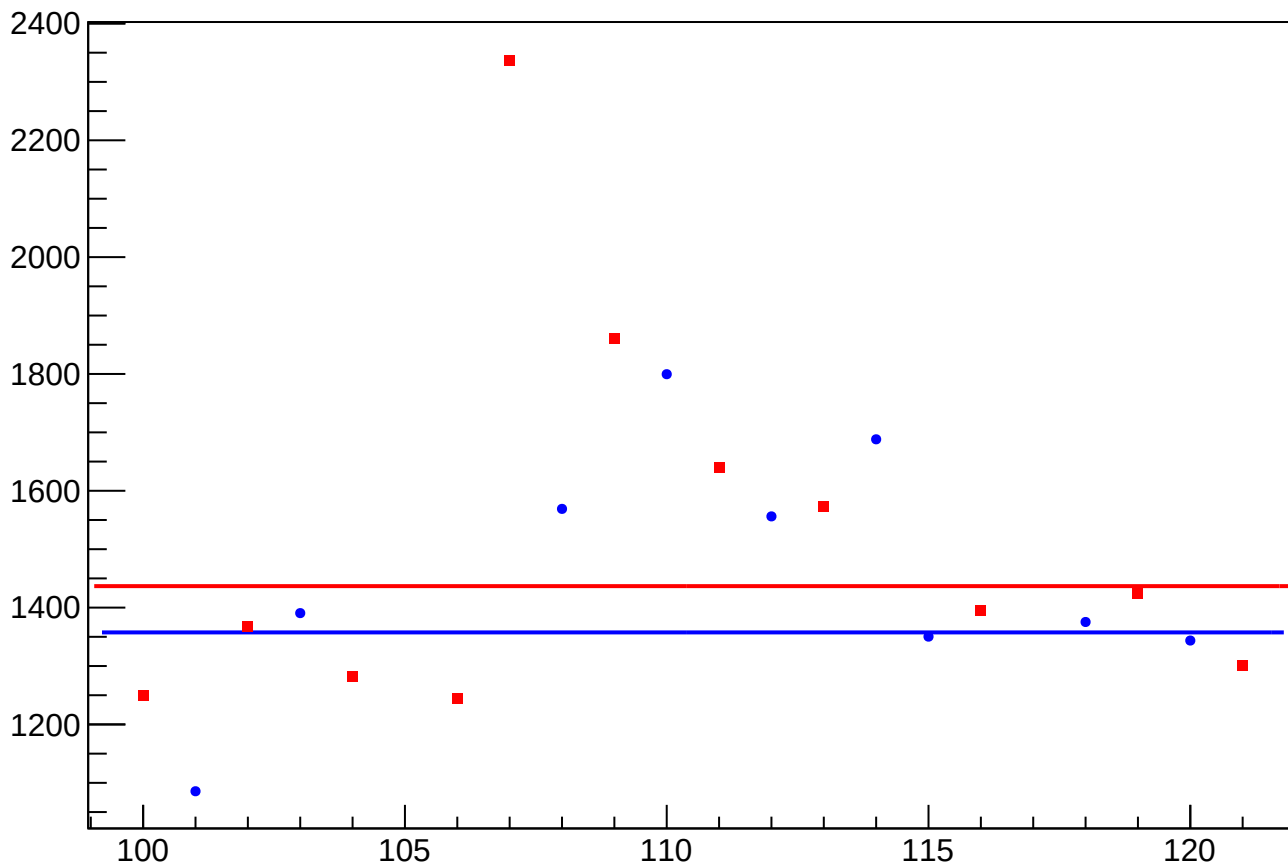
Right: 2145.481+/-493.581 χ^2/NDF : 16.5/19

In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.481+/-493.581 χ^2/NDF : 16.5/19

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

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

Right Out: 1436.768+/-0.482 χ^2/NDF : 195434.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

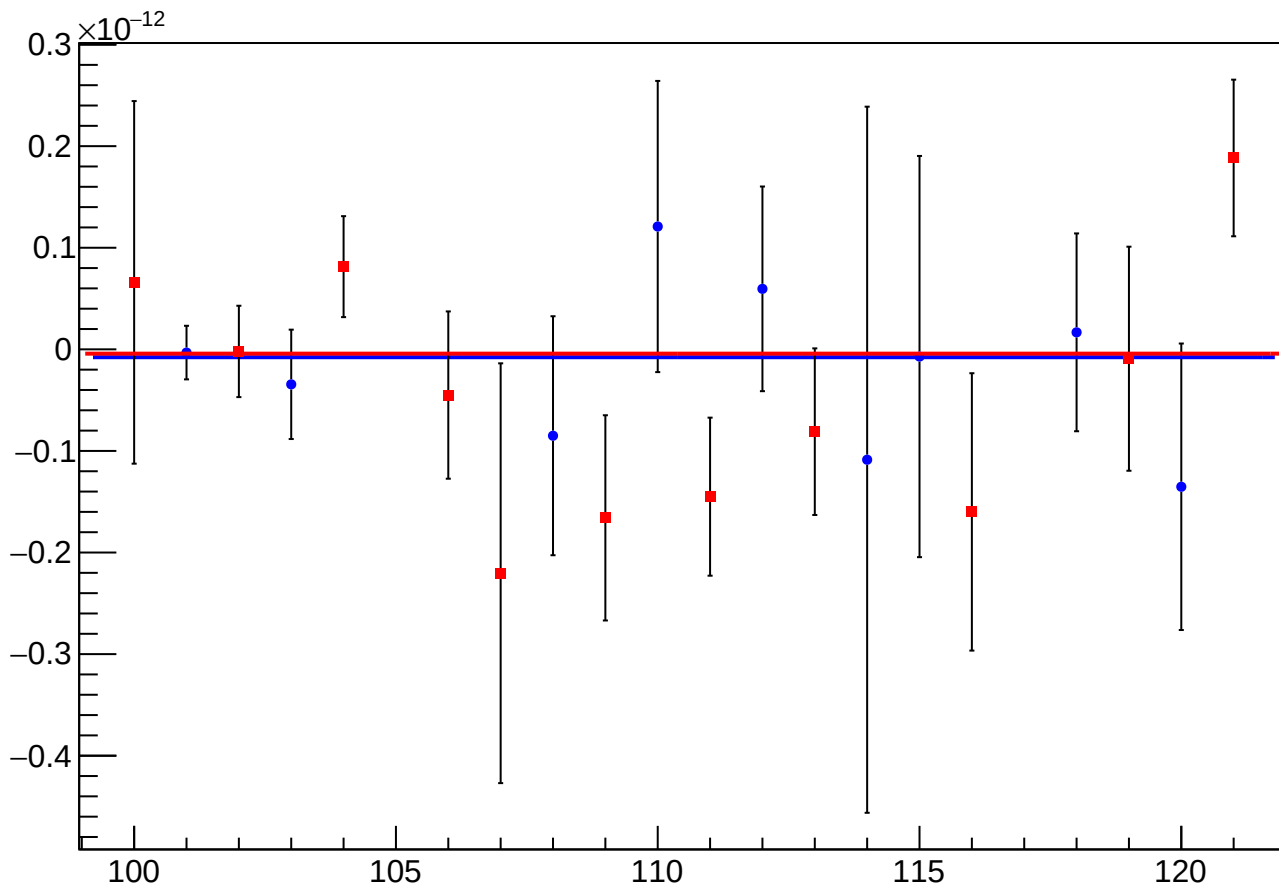
Right: 1399.150+/-0.349 χ^2/NDF : 376454.6/19

In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.150+/-0.349 χ^2/NDF : 376454.6/19

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 18.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

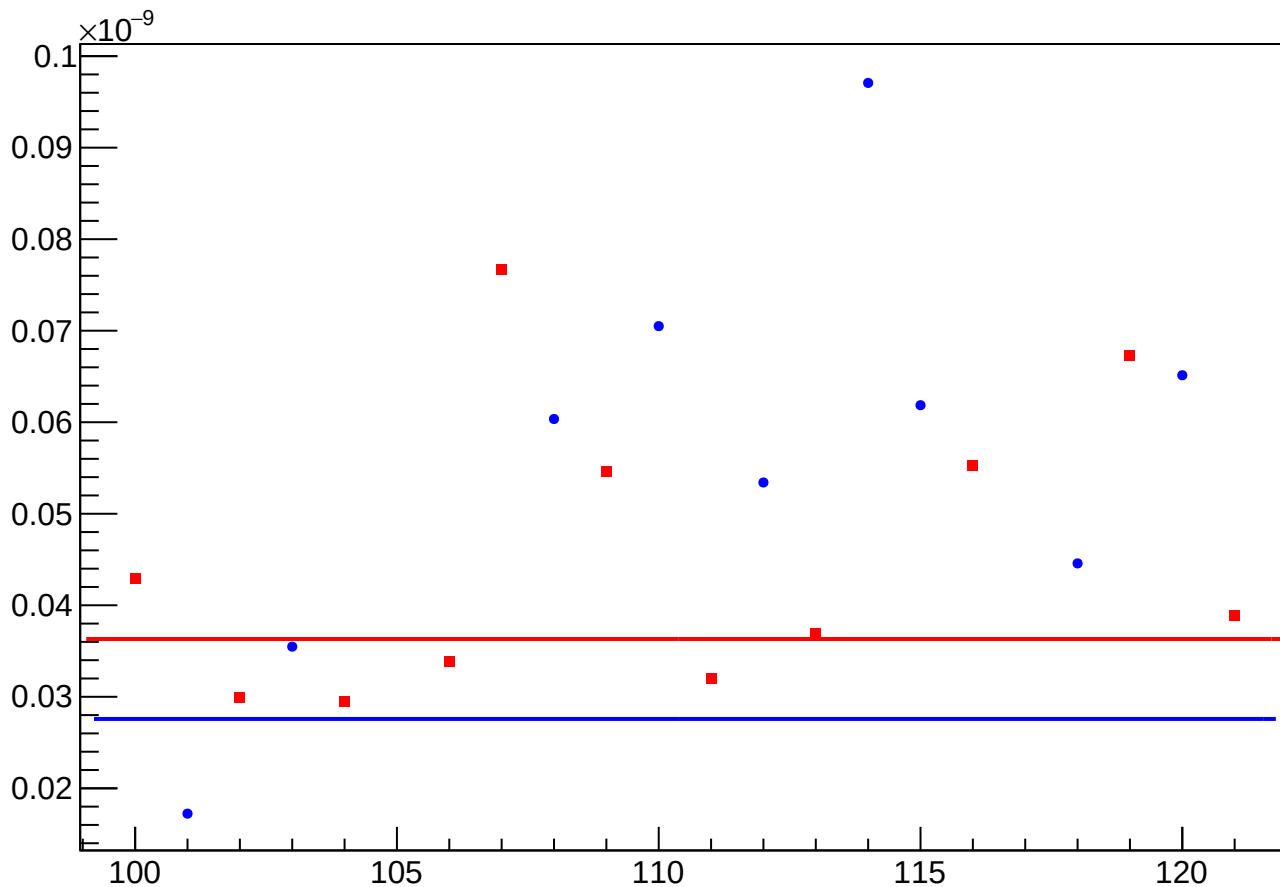
Right: -0.000+/-0.000 χ^2/NDF : 21.7/19

In: -0.000+/-0.000 χ^2/NDF : 2.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/19

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1160005.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 428994.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

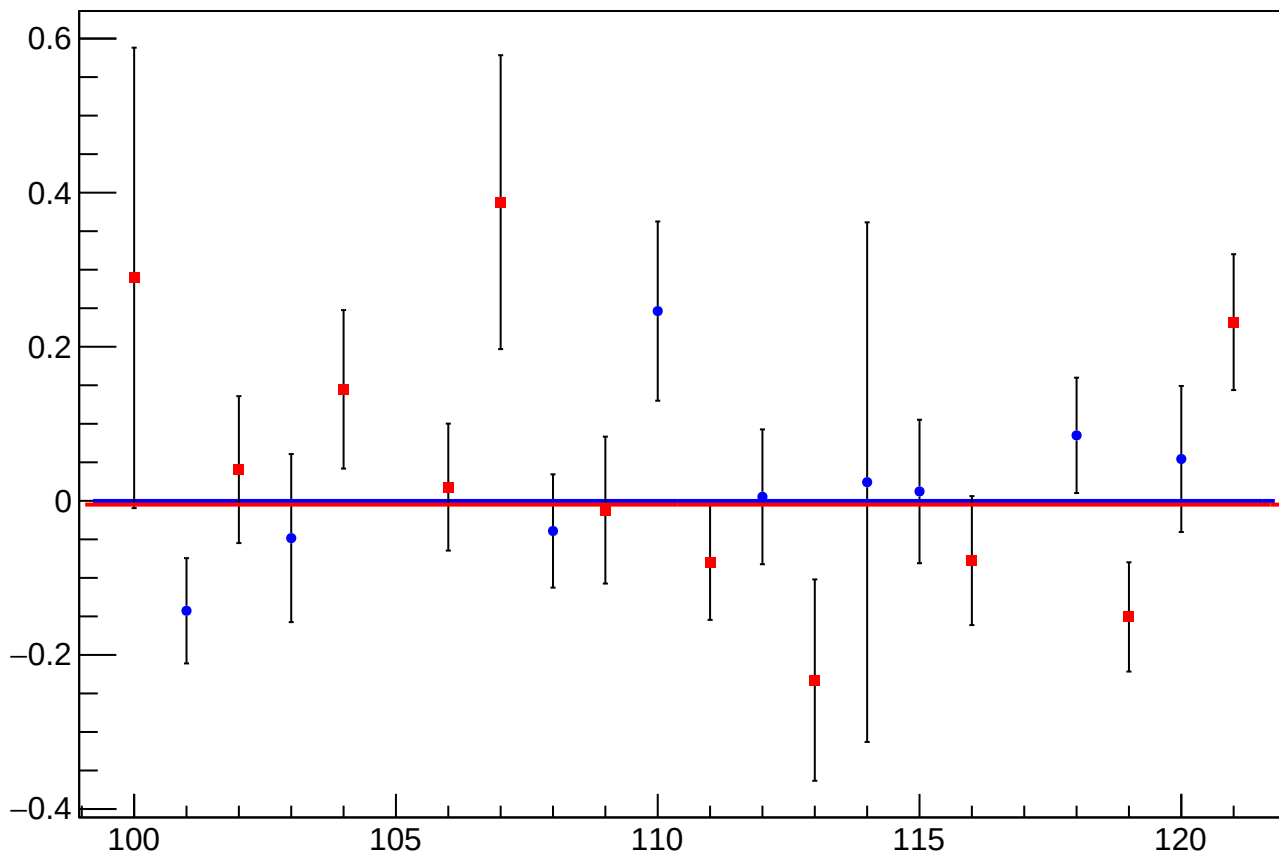
Right: 0.000+/-0.000 χ^2/NDF : 1740701.9/19

In: 0.000+/-0.000 χ^2/NDF : 1160005.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1740701.9/19

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

Right Out: -0.005+/-0.029 χ^2/NDF : 23.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

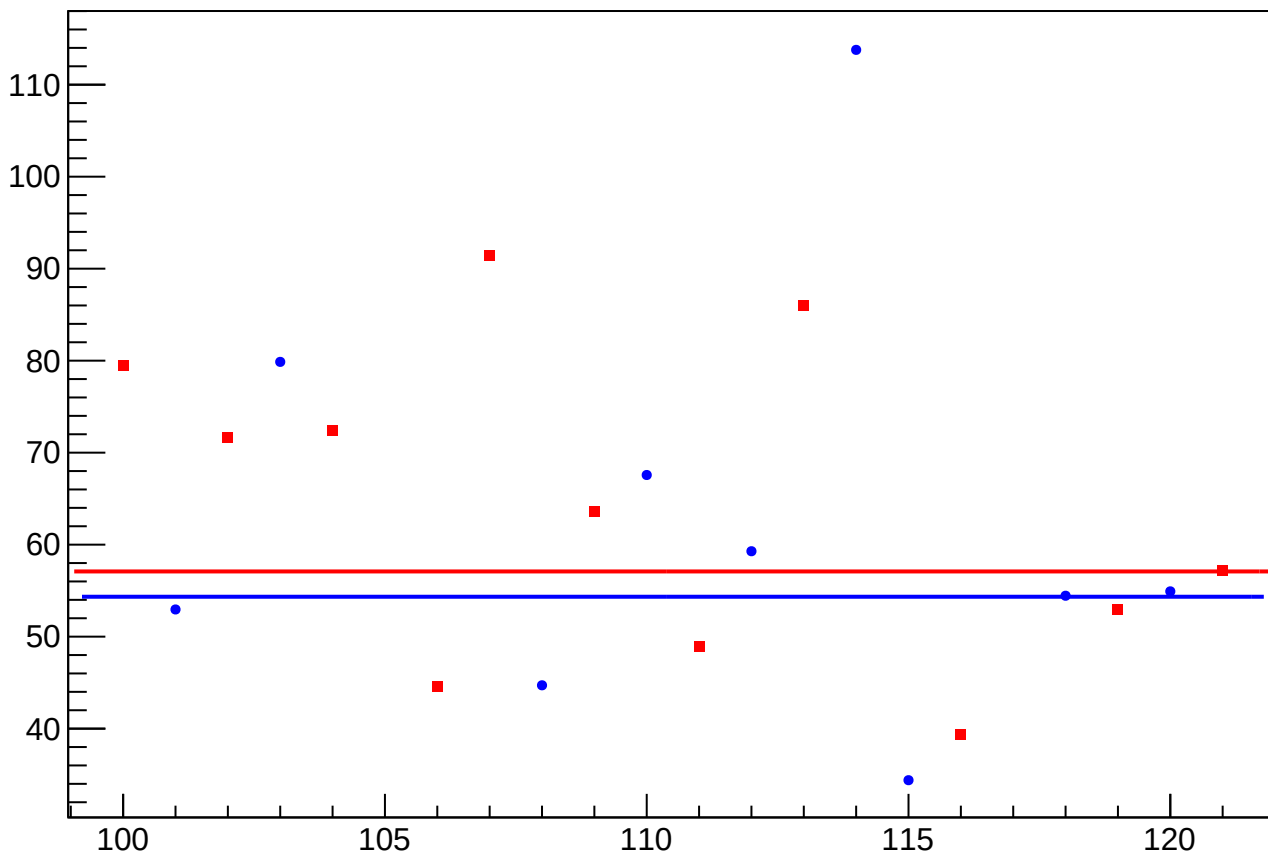
Right: -0.003+/-0.021 χ^2/NDF : 34.9/19

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.021 χ^2/NDF : 34.9/19

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.338 $\pm$ 0.021 χ^2 /NDF: 330899.2/8

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

Right Out: 57.088 $\pm$ 0.020 χ^2 /NDF: 440779.1/10

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

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

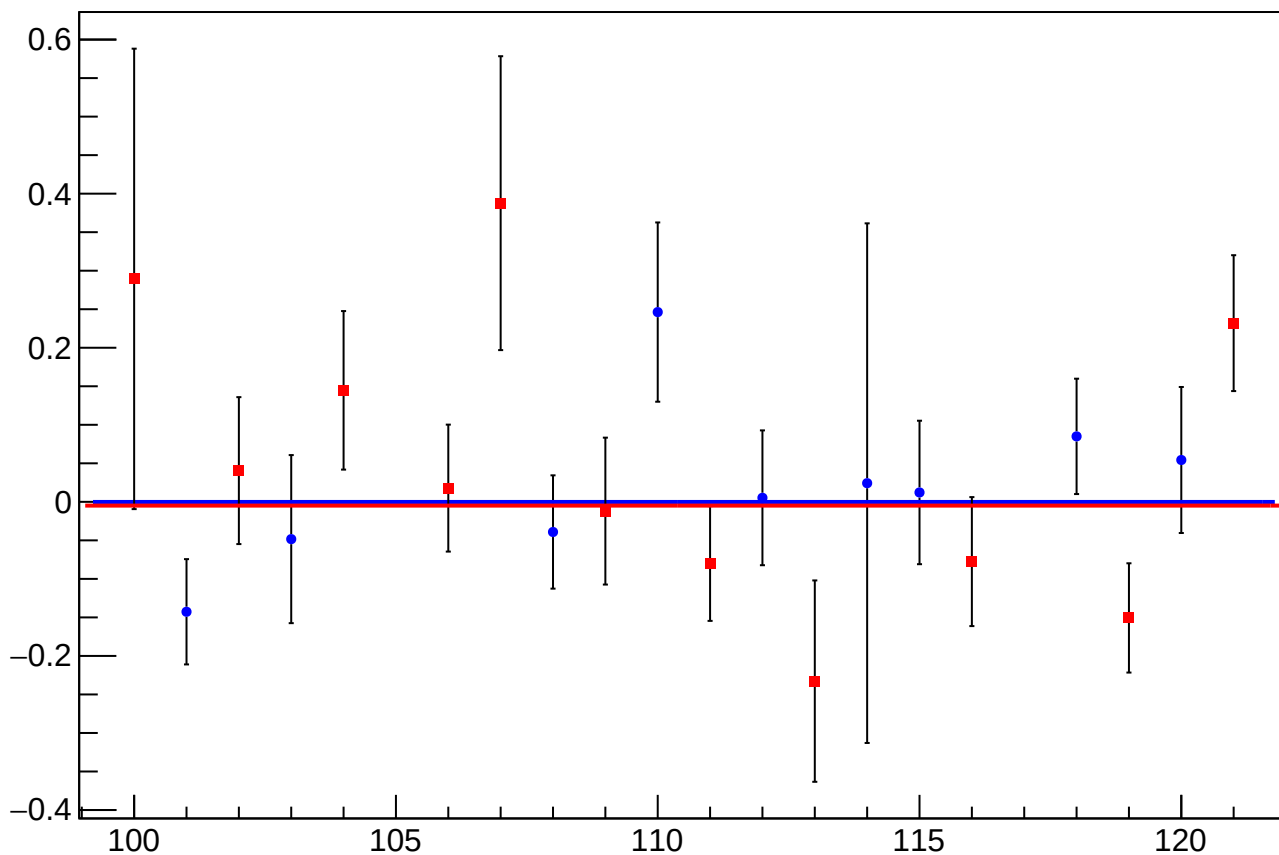
Right: 55.777 $\pm$ 0.015 χ^2 /NDF: 780395.2/19

In: 54.338 $\pm$ 0.021 χ^2 /NDF:330899.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.777 $\pm$ 0.015 χ^2 /NDF: 780395.2/19

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

Right Out: -0.005+/-0.029 χ^2/NDF : 23.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

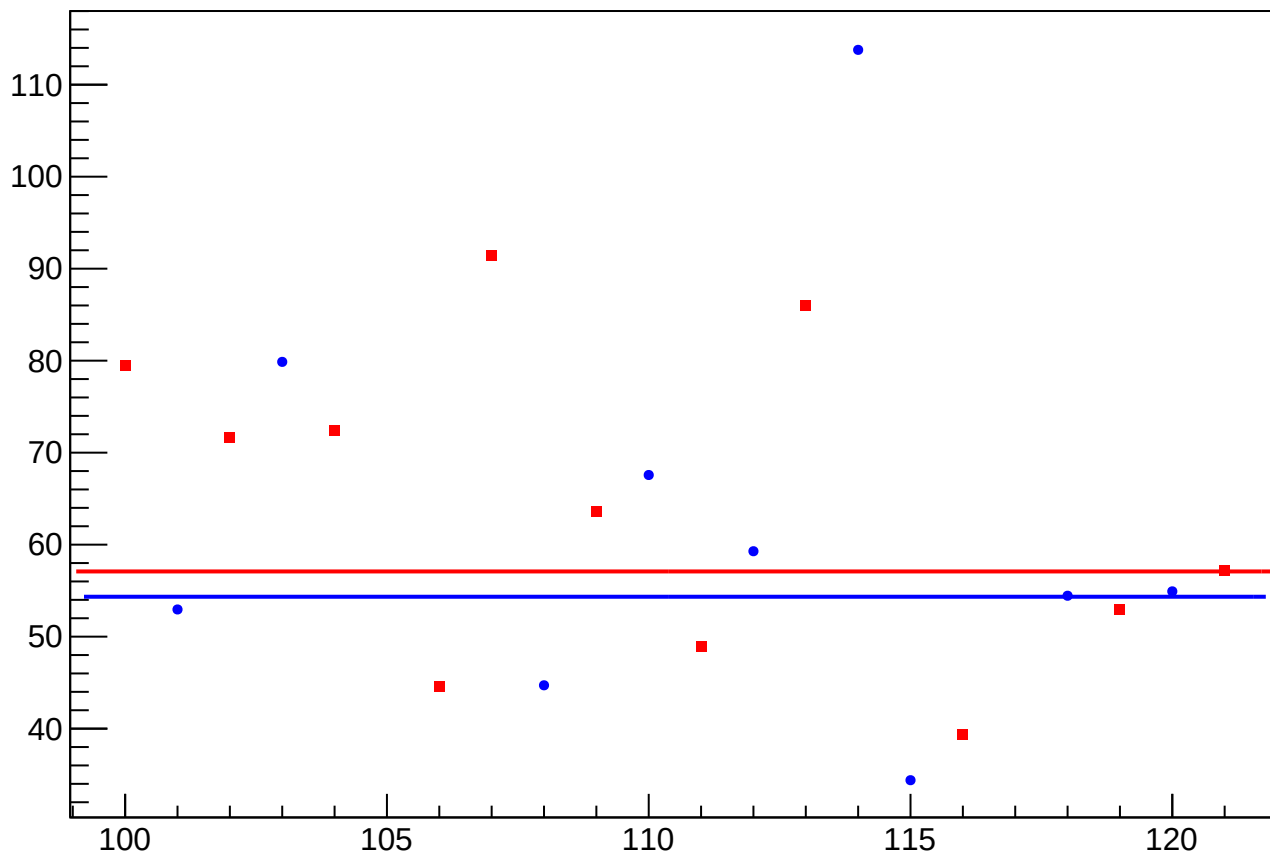
Right: -0.003+/-0.021 χ^2/NDF : 34.9/19

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.021 χ^2/NDF : 34.9/19

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.338 $\pm$ 0.021 χ^2 /NDF: 330899.2/8

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

Right Out: 57.088 $\pm$ 0.020 χ^2 /NDF: 440779.1/10

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

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

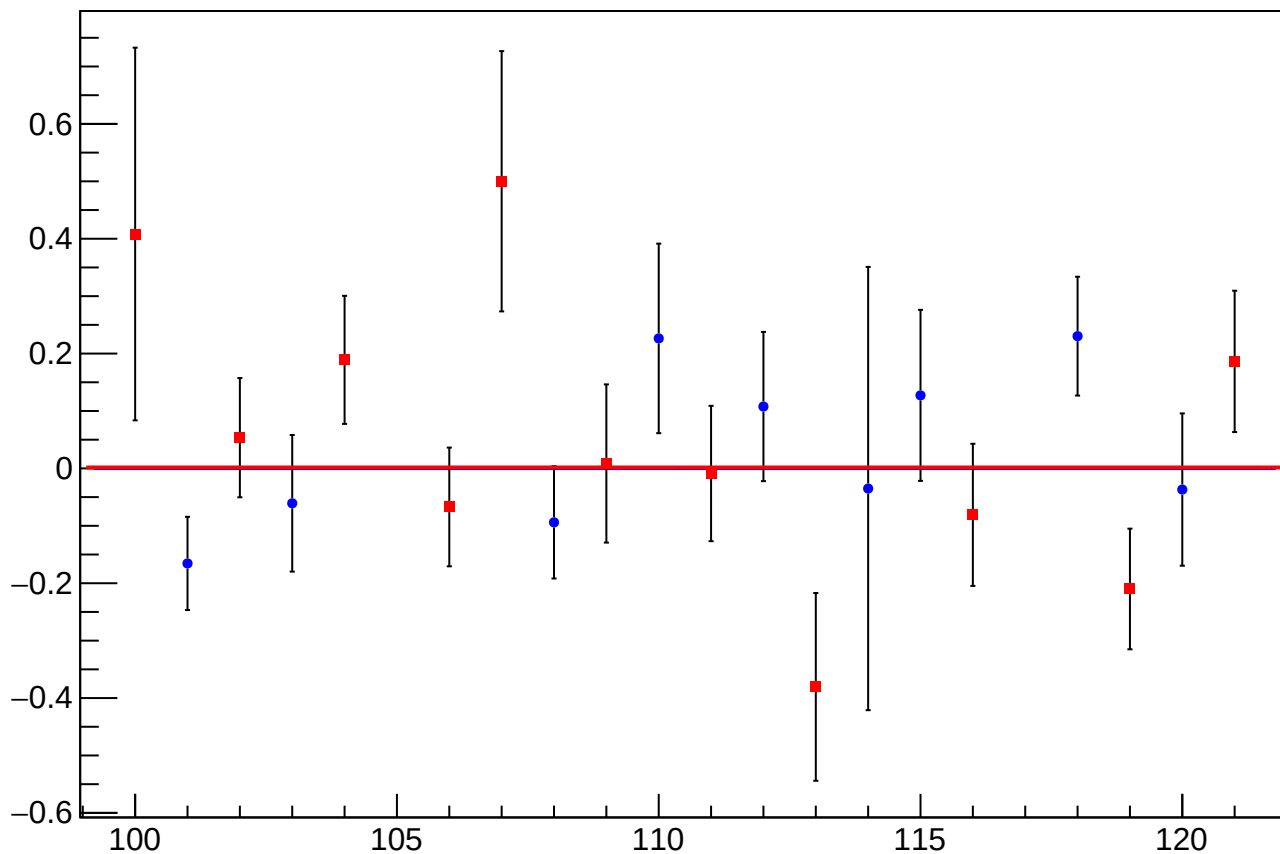
Right: 55.777 $\pm$ 0.015 χ^2 /NDF: 780395.2/19

In: 54.338 $\pm$ 0.021 χ^2 /NDF:330899.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.777 $\pm$ 0.015 χ^2 /NDF: 780395.2/19

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.040 χ^2/NDF : 13.7/8

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

Right Out: 0.002+/-0.038 χ^2/NDF : 22.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

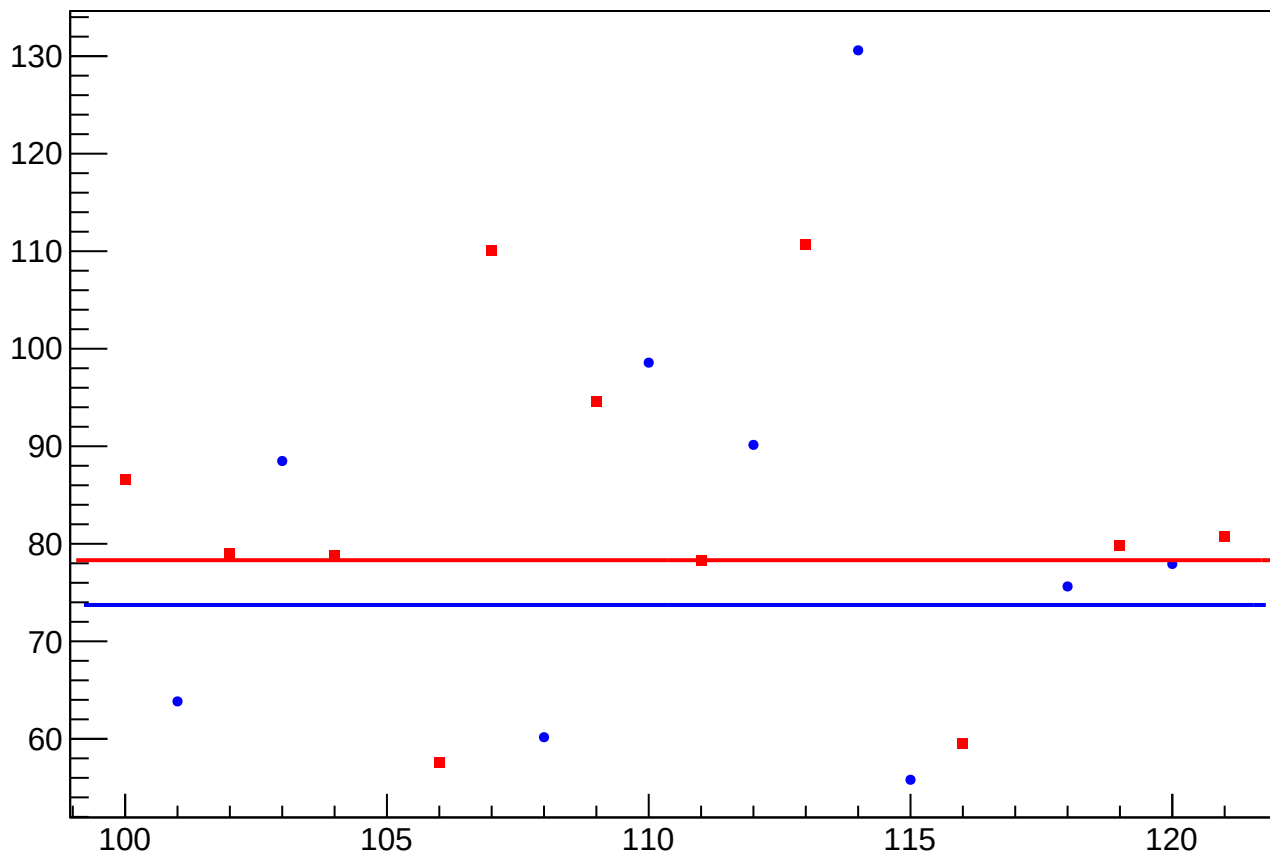
Right: 0.001+/-0.028 χ^2/NDF : 35.8/19

In: 0.001+/-0.040 χ^2/NDF : 13.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.028 χ^2/NDF : 35.8/19

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.727 $\pm$ 0.028 χ^2 /NDF: 251063.6/8

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

Right Out: 78.318 $\pm$ 0.027 χ^2 /NDF: 274497.8/10

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

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

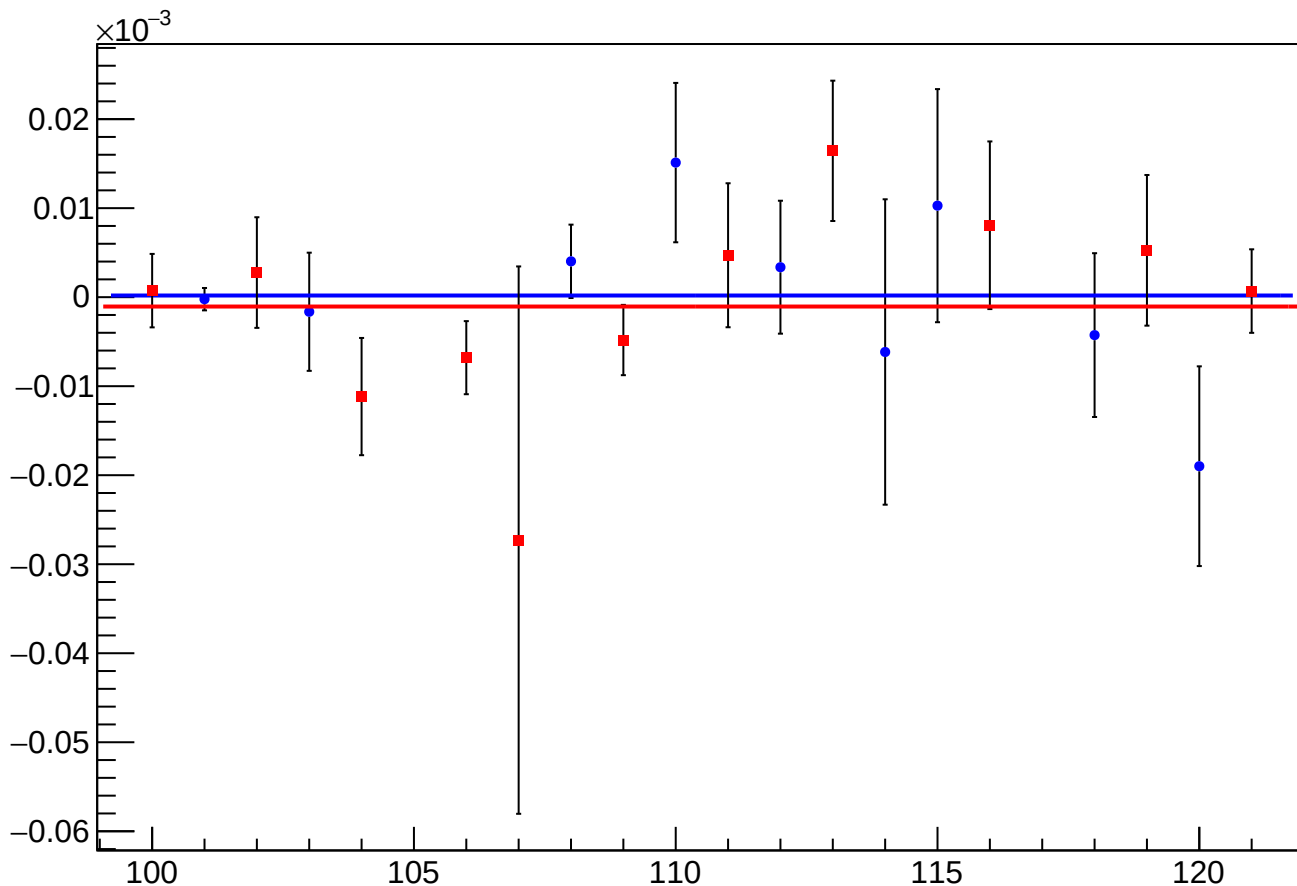
Right: 76.119 $\pm$ 0.020 χ^2 /NDF: 539280.5/19

In: 73.727 $\pm$ 0.028 χ^2 /NDF:251063.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.119 $\pm$ 0.020 χ^2 /NDF: 539280.5/19

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/8

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/10

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

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

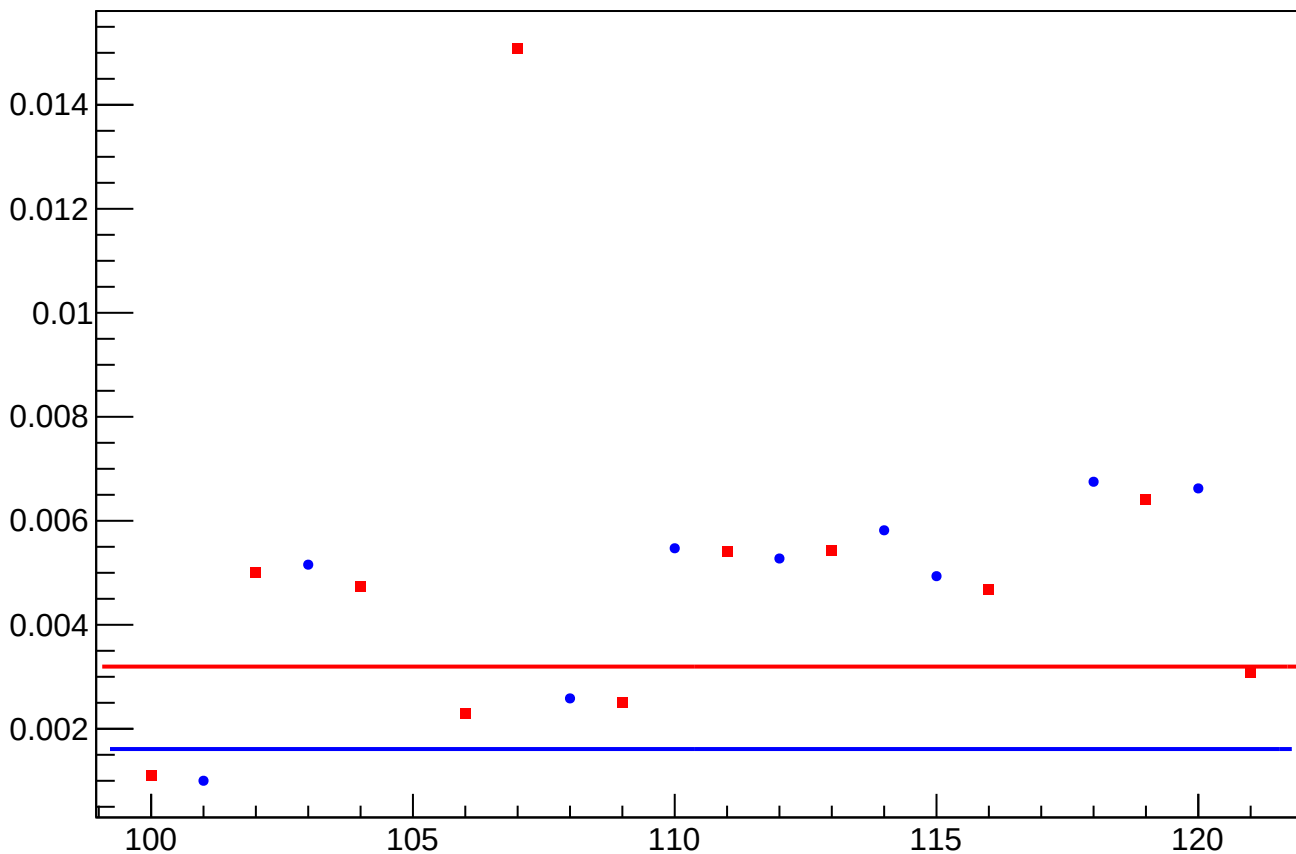
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.8/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/8

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.8/19

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3279721.4/8

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1895311.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

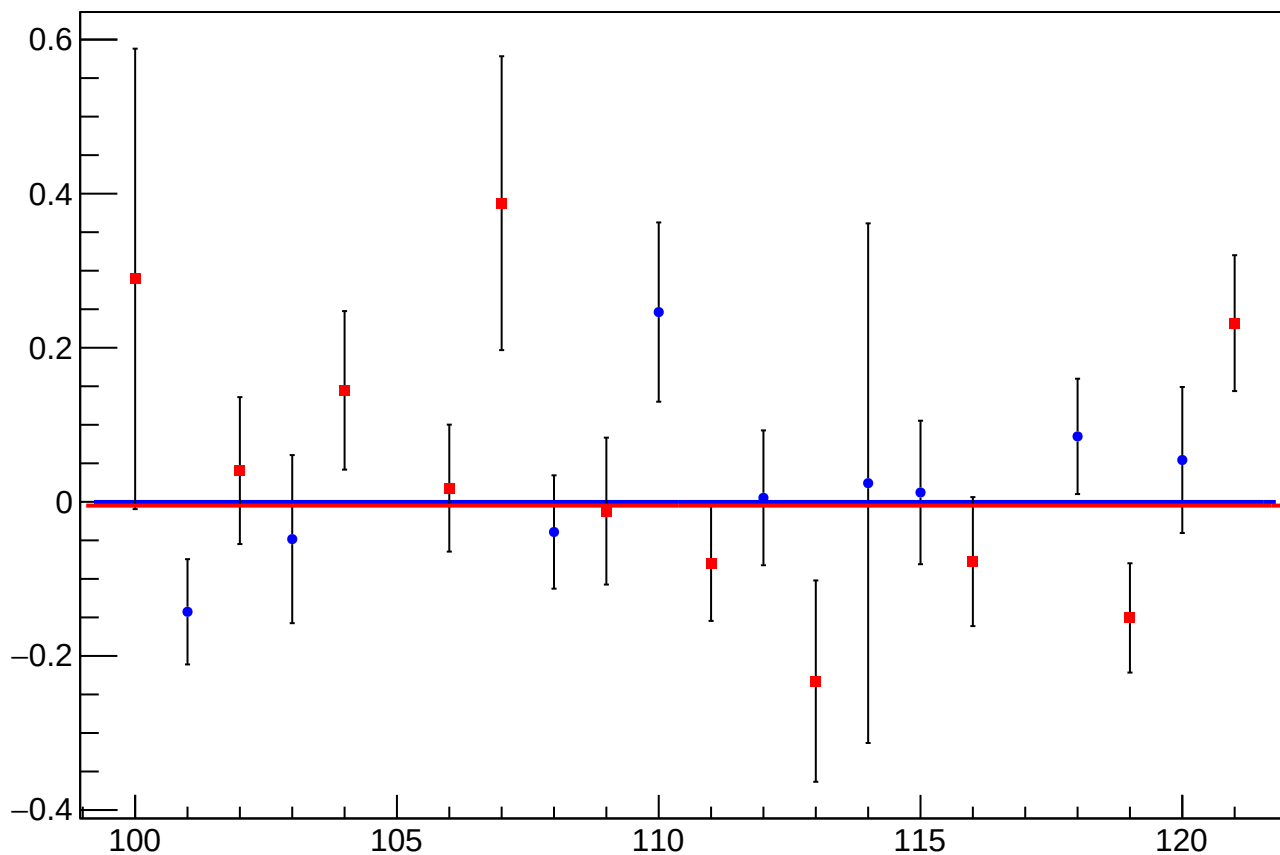
Right: 0.002+/-0.000 χ^2/NDF : 6348853.7/19

In: 0.002+/-0.000 χ^2/NDF :3279721.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6348853.7/19

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

Right Out: -0.005+/-0.029 χ^2/NDF : 23.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

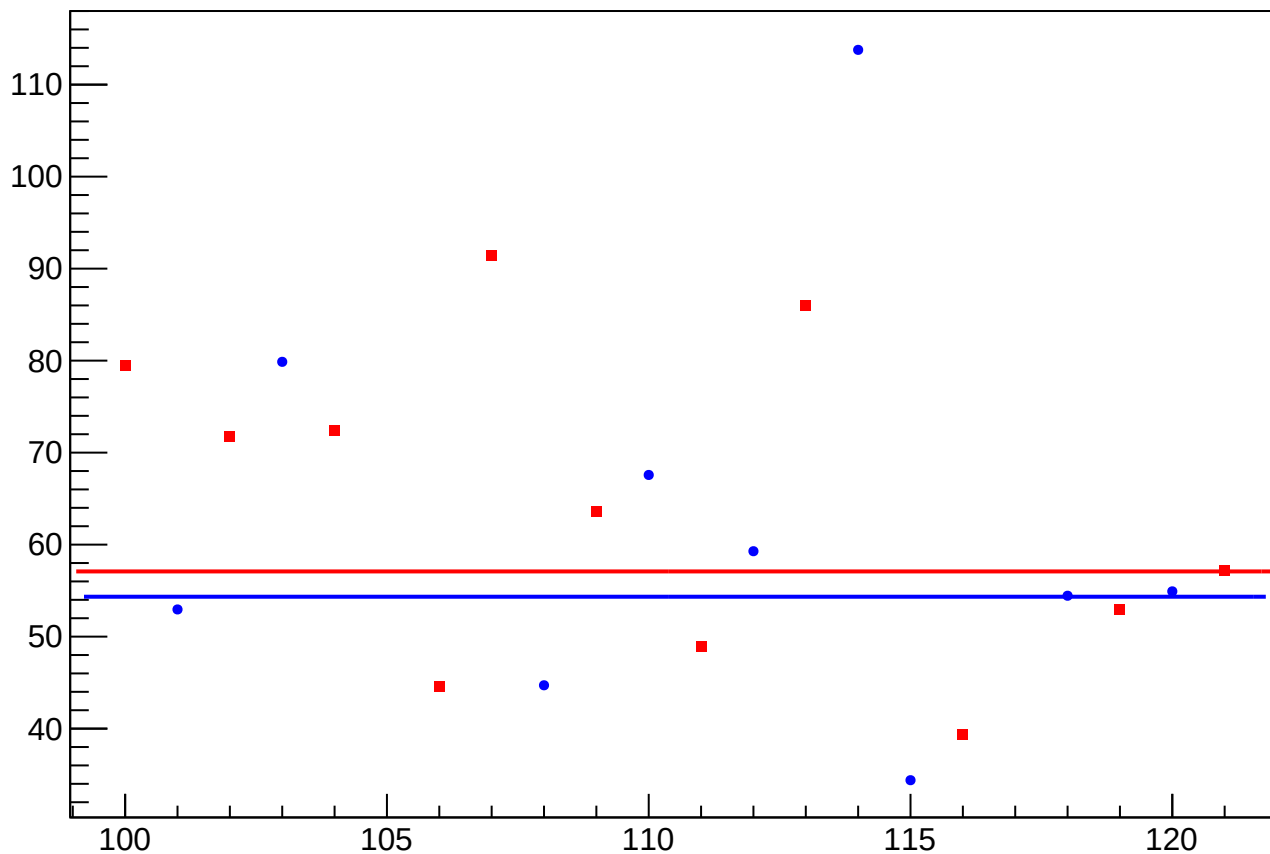
Right: -0.003+/-0.021 χ^2/NDF : 34.9/19

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.021 χ^2/NDF : 34.9/19

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

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

Right Out: 57.087+/-0.020 χ^2/NDF : 440787.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

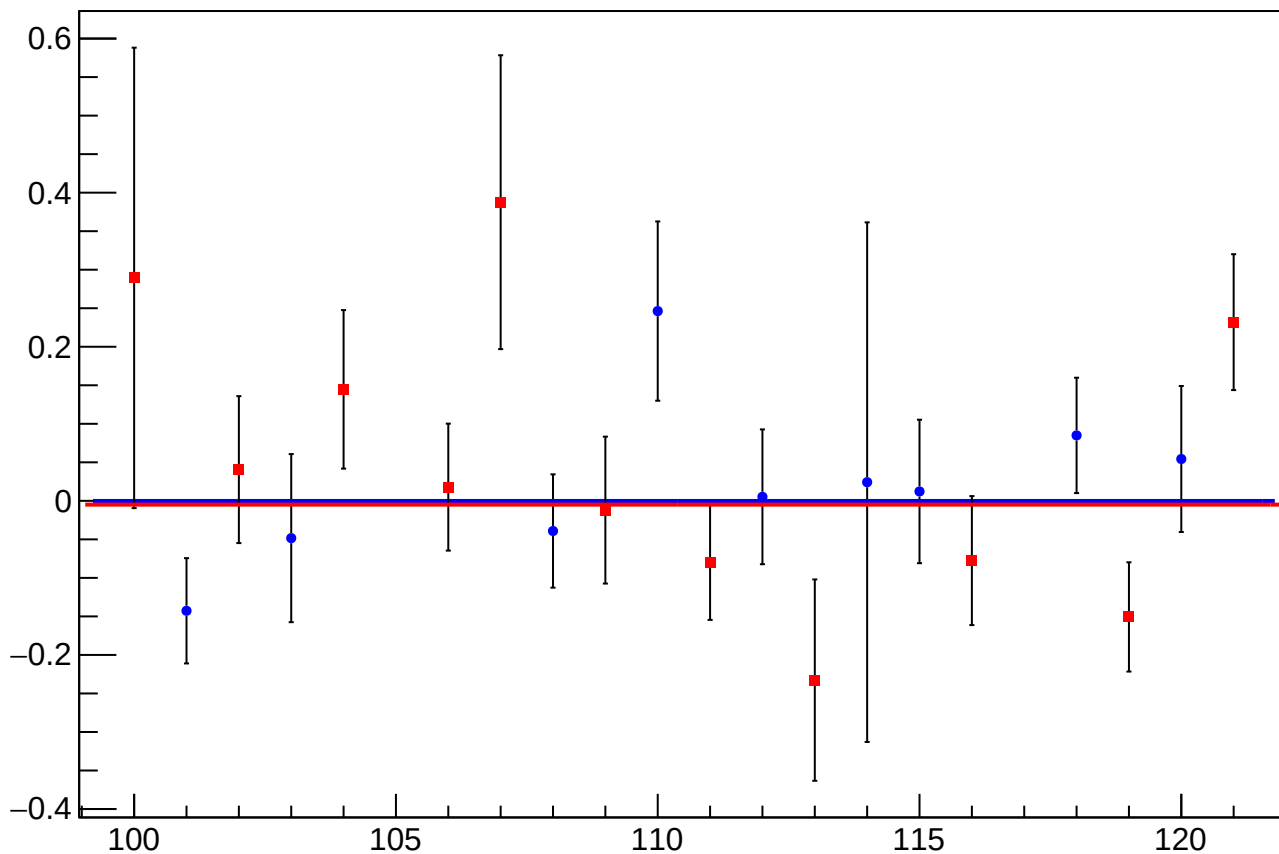
Right: 55.776+/-0.015 χ^2/NDF : 780429.6/19

In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.776+/-0.015 χ^2/NDF : 780429.6/19

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

Right Out: -0.005+/-0.029 χ^2/NDF : 23.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

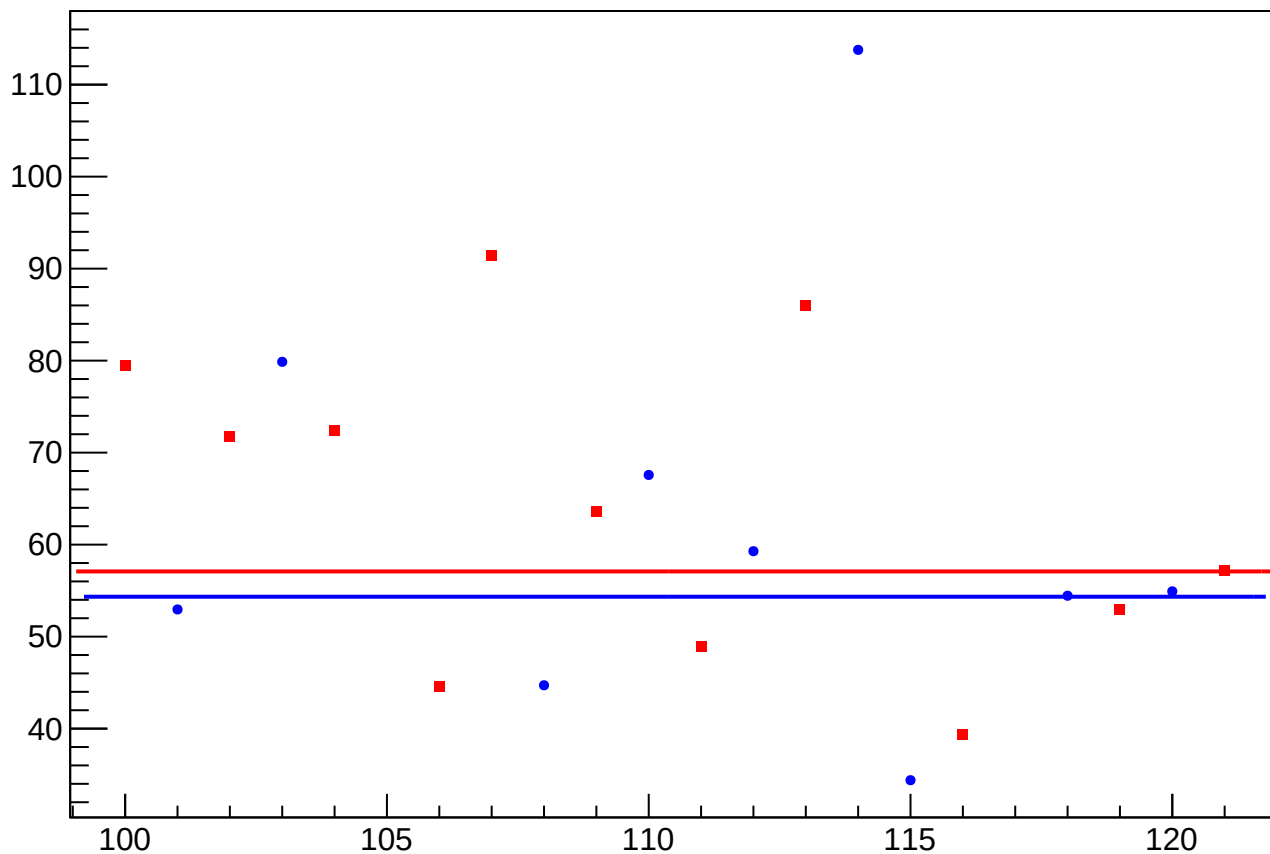
Right: -0.003+/-0.021 χ^2/NDF : 34.9/19

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.021 χ^2/NDF : 34.9/19

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

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

Right Out: 57.087+/-0.020 χ^2/NDF : 440787.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

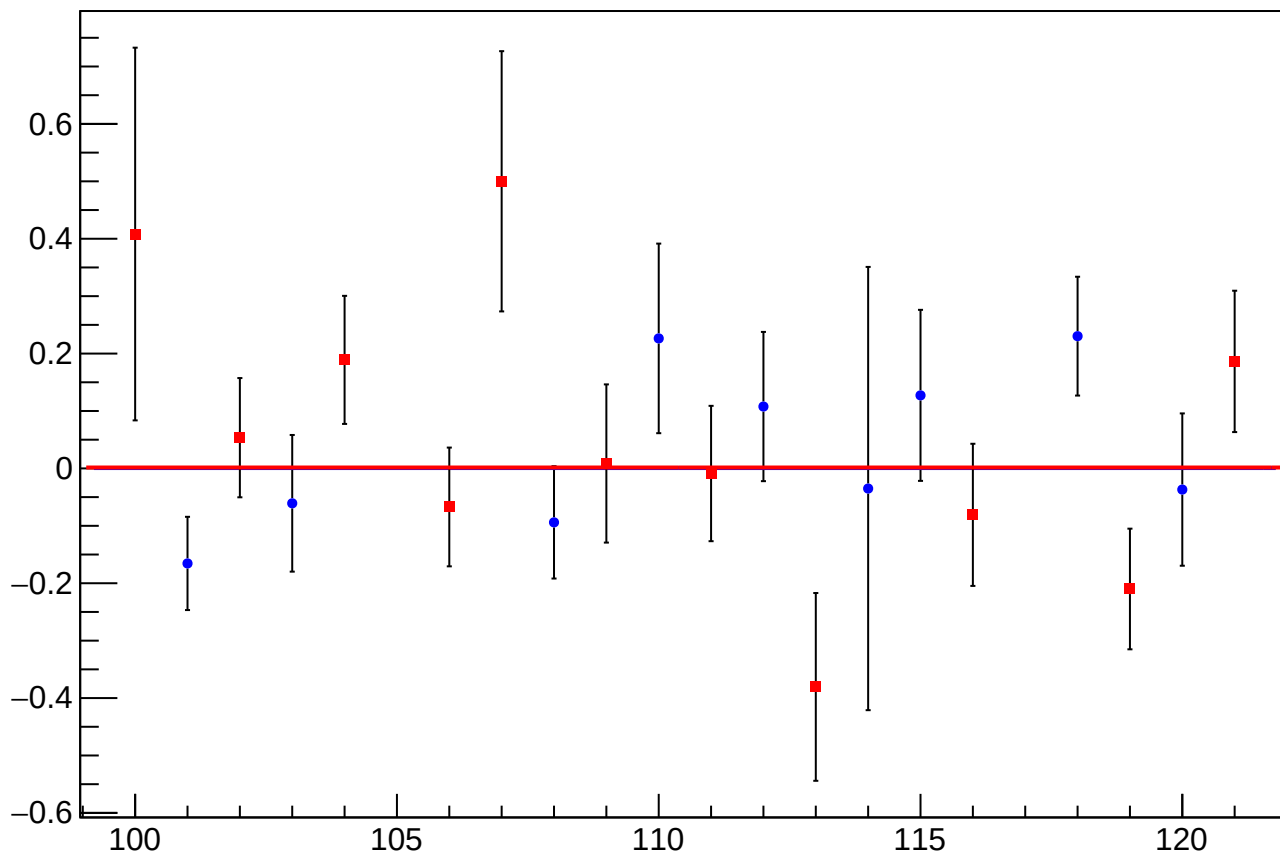
Right: 55.776+/-0.015 χ^2/NDF : 780429.6/19

In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.776+/-0.015 χ^2/NDF : 780429.6/19

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.040 χ^2 /NDF: 13.7/8

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

Right Out: 0.002 $\pm$ 0.038 χ^2 /NDF: 22.1/10

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

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

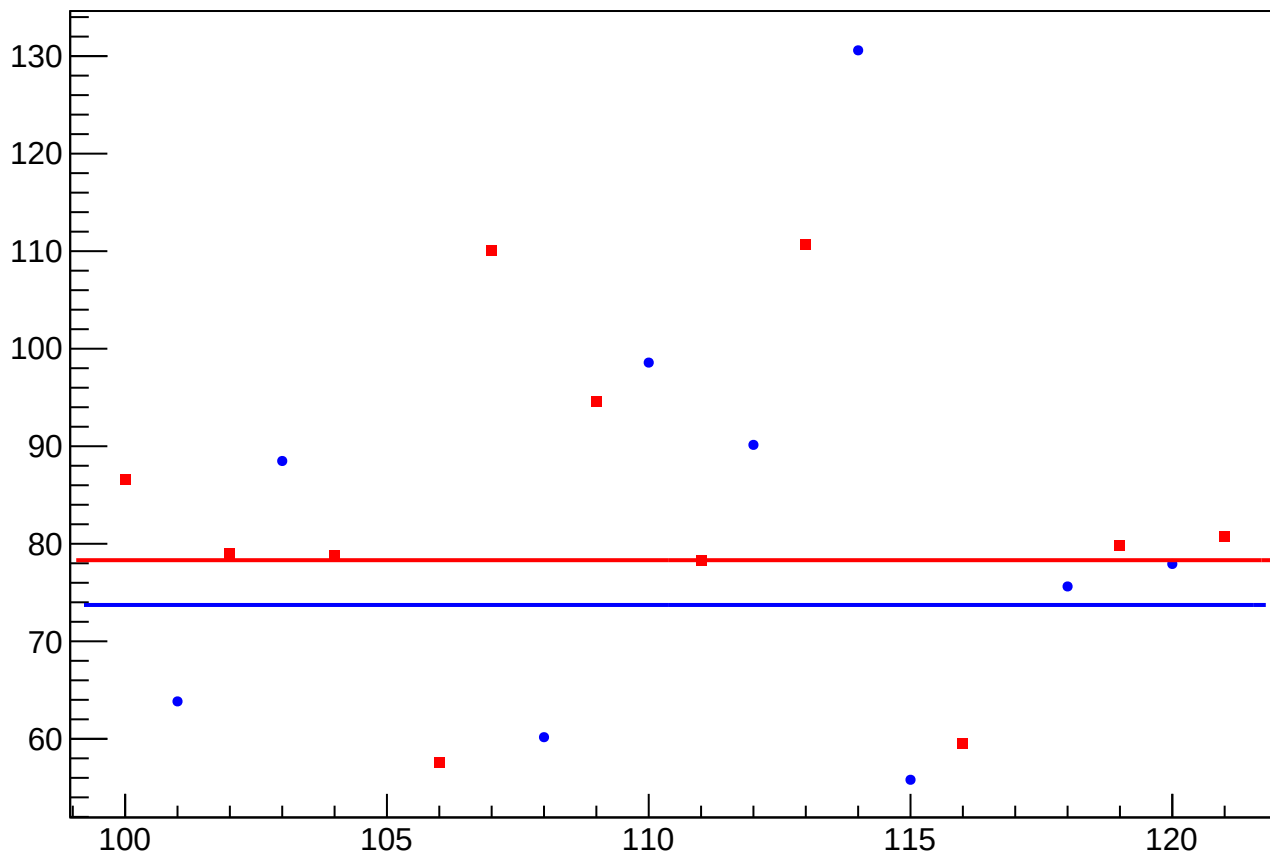
Right: 0.001 $\pm$ 0.028 χ^2 /NDF: 35.8/19

In: 0.001 $\pm$ 0.040 χ^2 /NDF:13.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.028 χ^2 /NDF: 35.8/19

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.726+/-0.028 χ^2/NDF : 251065.2/8

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

Right Out: 78.317+/-0.027 χ^2/NDF : 274490.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

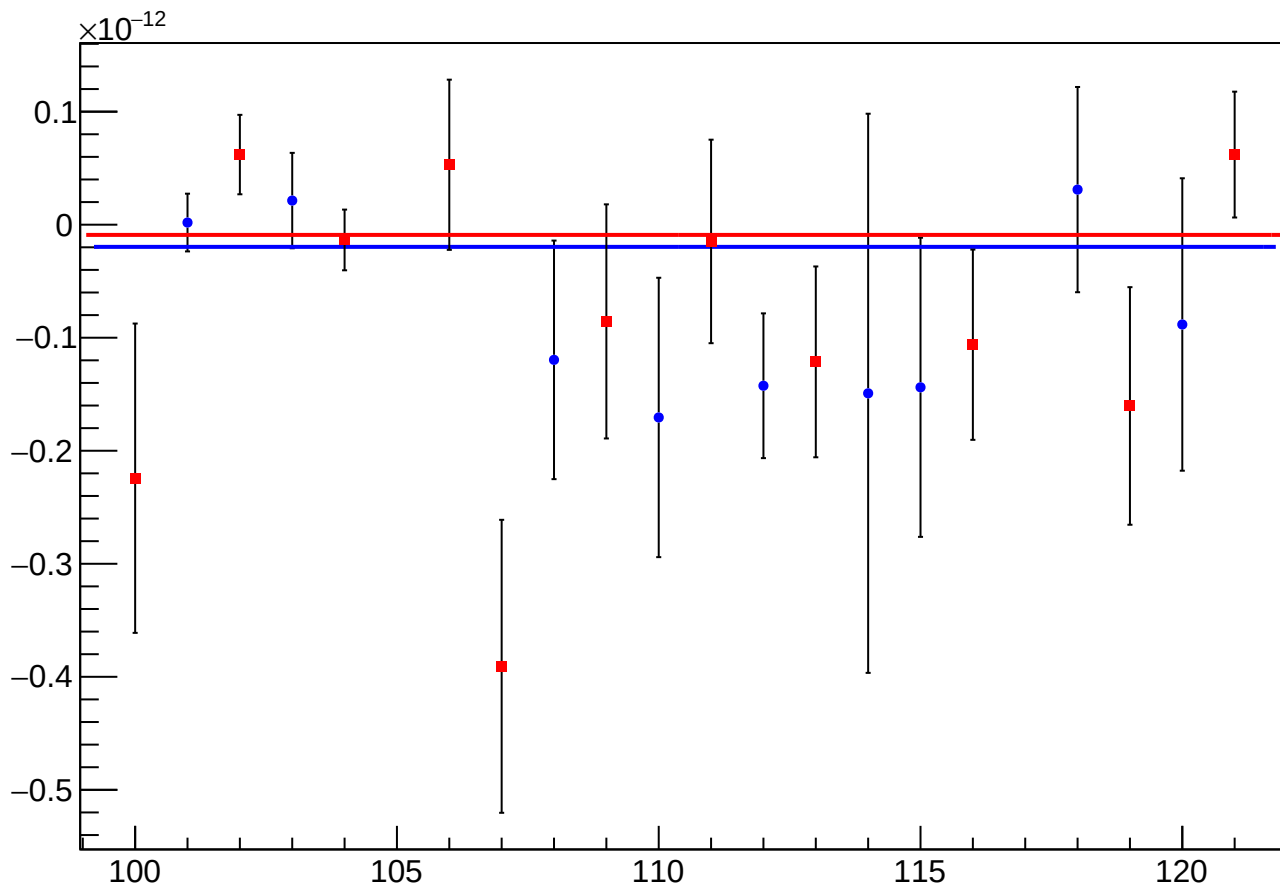
Right: 76.118+/-0.020 χ^2/NDF : 539273.6/19

In: 73.726+/-0.028 χ^2/NDF : 251065.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.118+/-0.020 χ^2/NDF : 539273.6/19

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 23.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

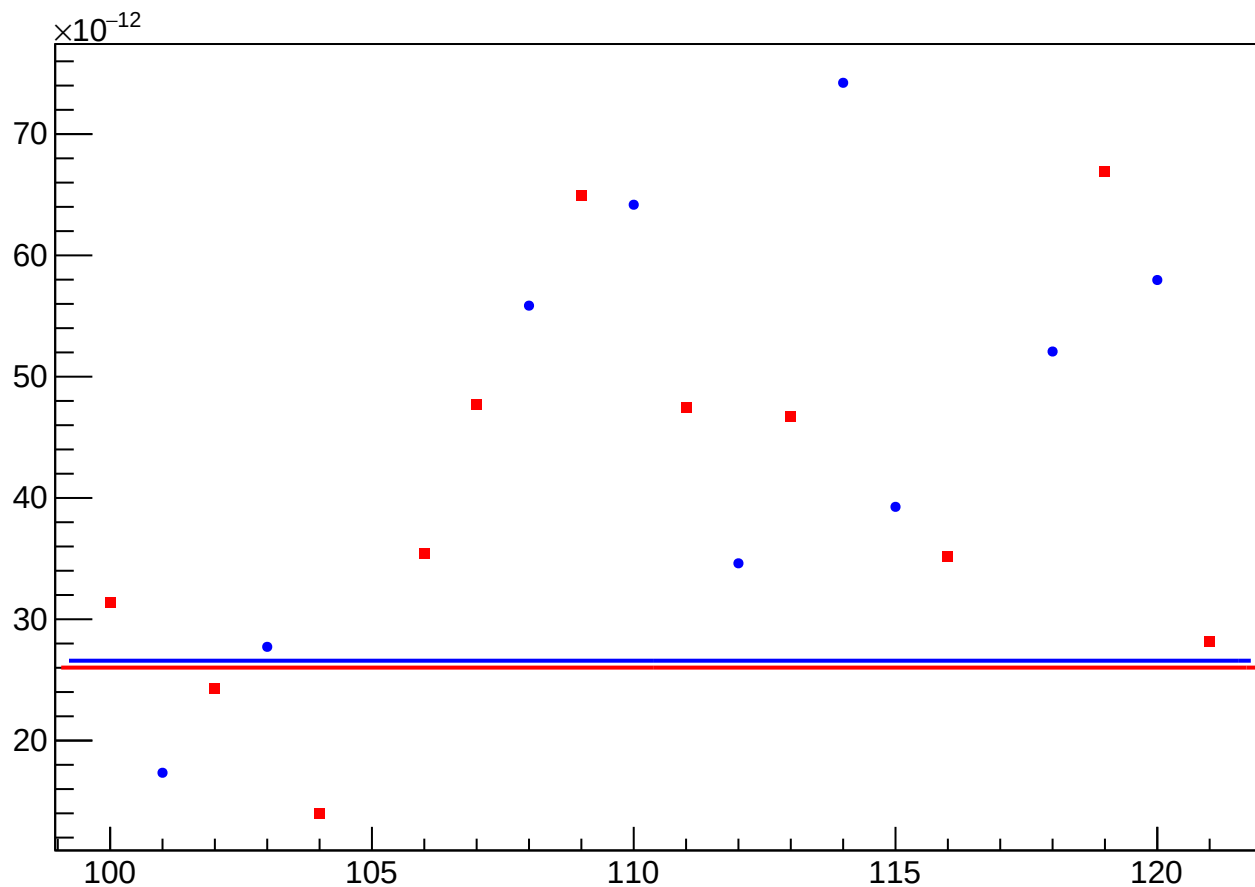
Right: -0.000+/-0.000 χ^2/NDF : 32.9/19

In: -0.000+/-0.000 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.9/19

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1001457.1/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1342593.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

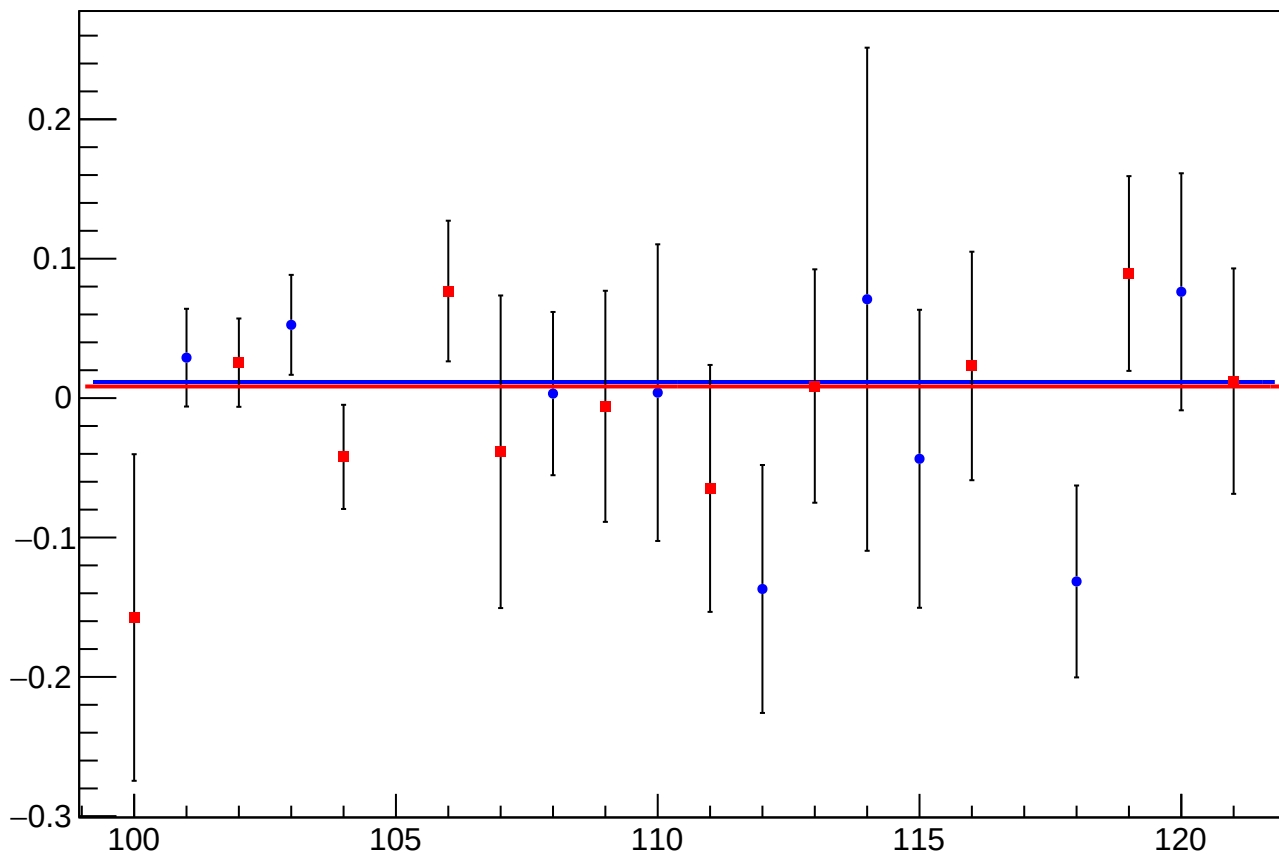
Right: 0.000+/-0.000 χ^2/NDF : 2345032.7/19

In: 0.000+/-0.000 χ^2/NDF : 1001457.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2345032.7/19

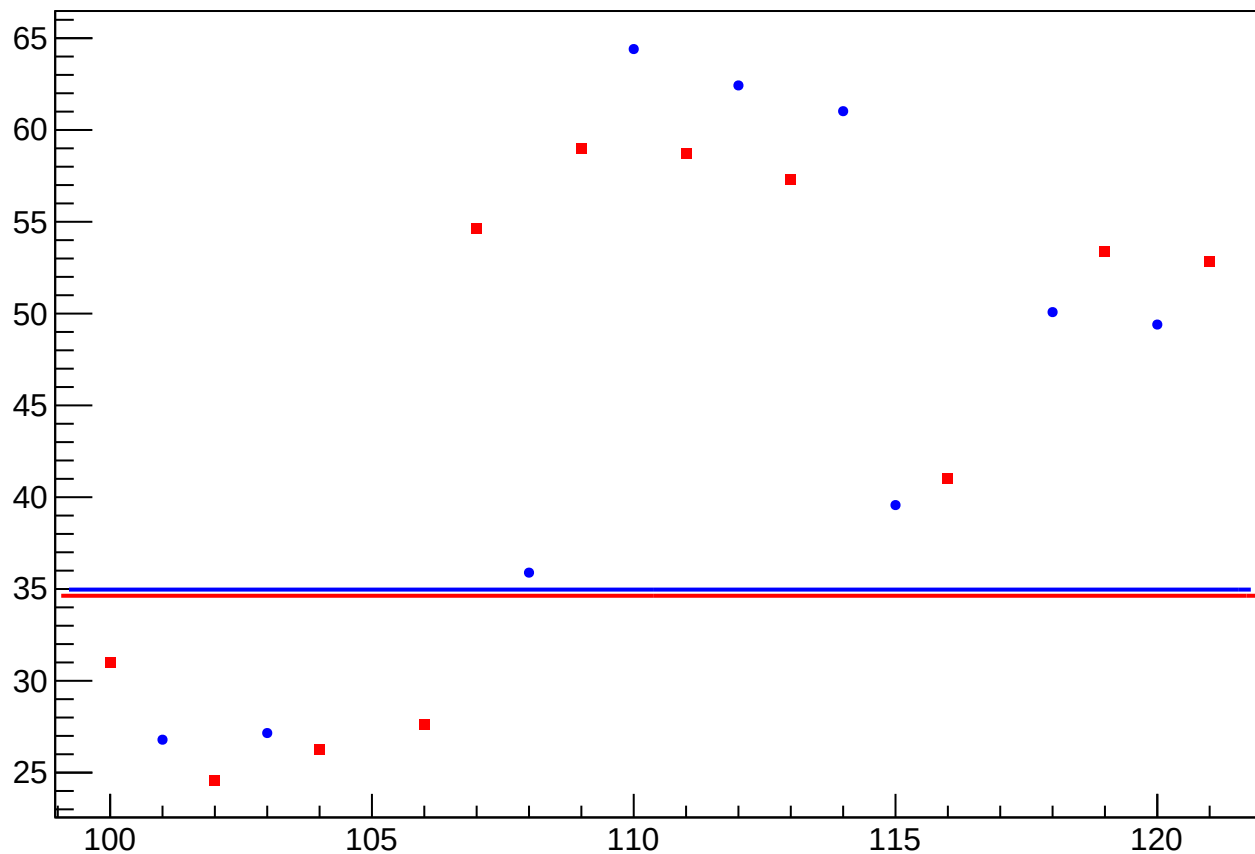
asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.020 χ^2/NDF : 9.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.008+/-0.018 χ^2/NDF : 8.2/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.010+/-0.013 χ^2/NDF : 17.9/19
 In: 0.012+/-0.020 χ^2/NDF :9.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.010+/-0.013 χ^2/NDF : 17.9/19

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

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

Right Out: 34.632+/-0.013 χ^2/NDF : 1131268.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

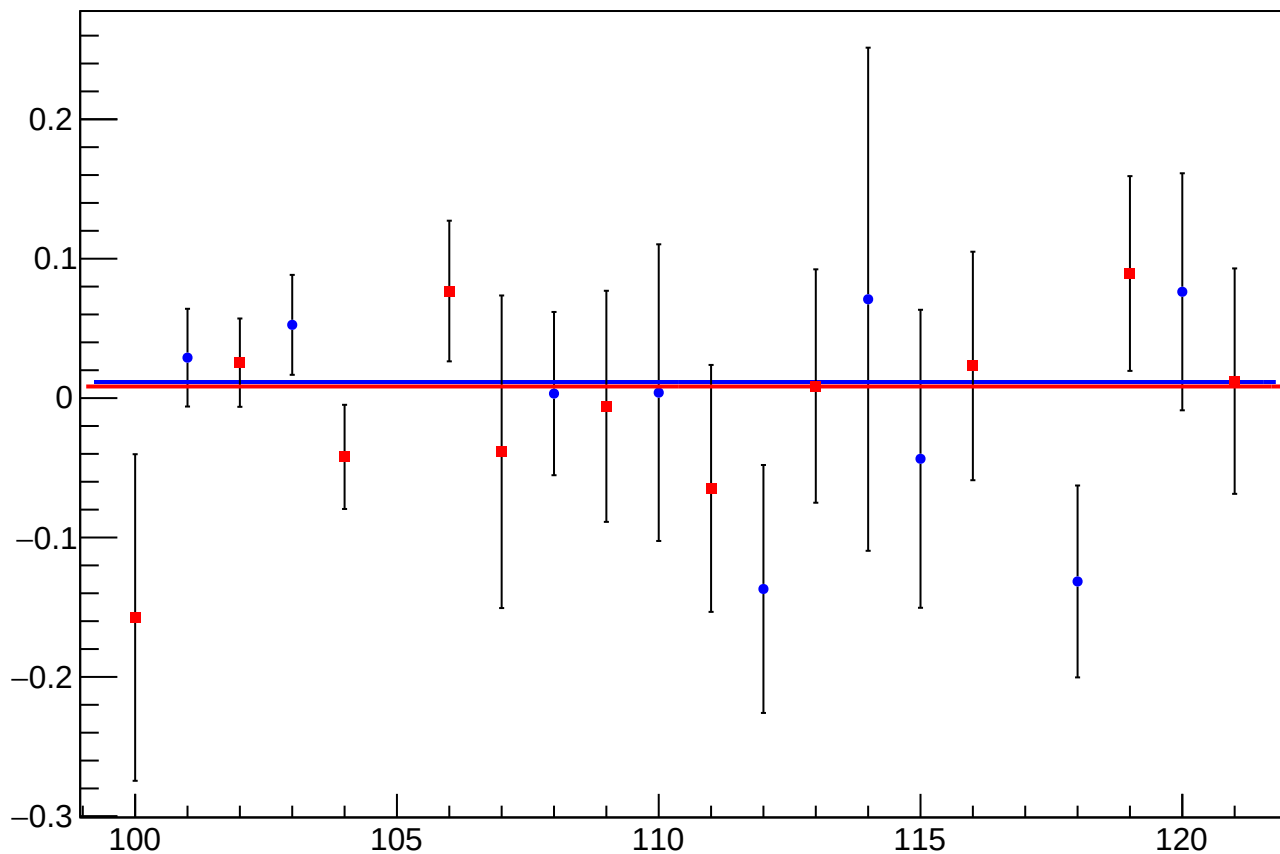
Right: 34.782+/-0.009 χ^2/NDF : 1879100.8/19

In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.782+/-0.009 χ^2/NDF : 1879100.8/19

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.020 χ^2/NDF : 9.6/8

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

Right Out: 0.008+/-0.018 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

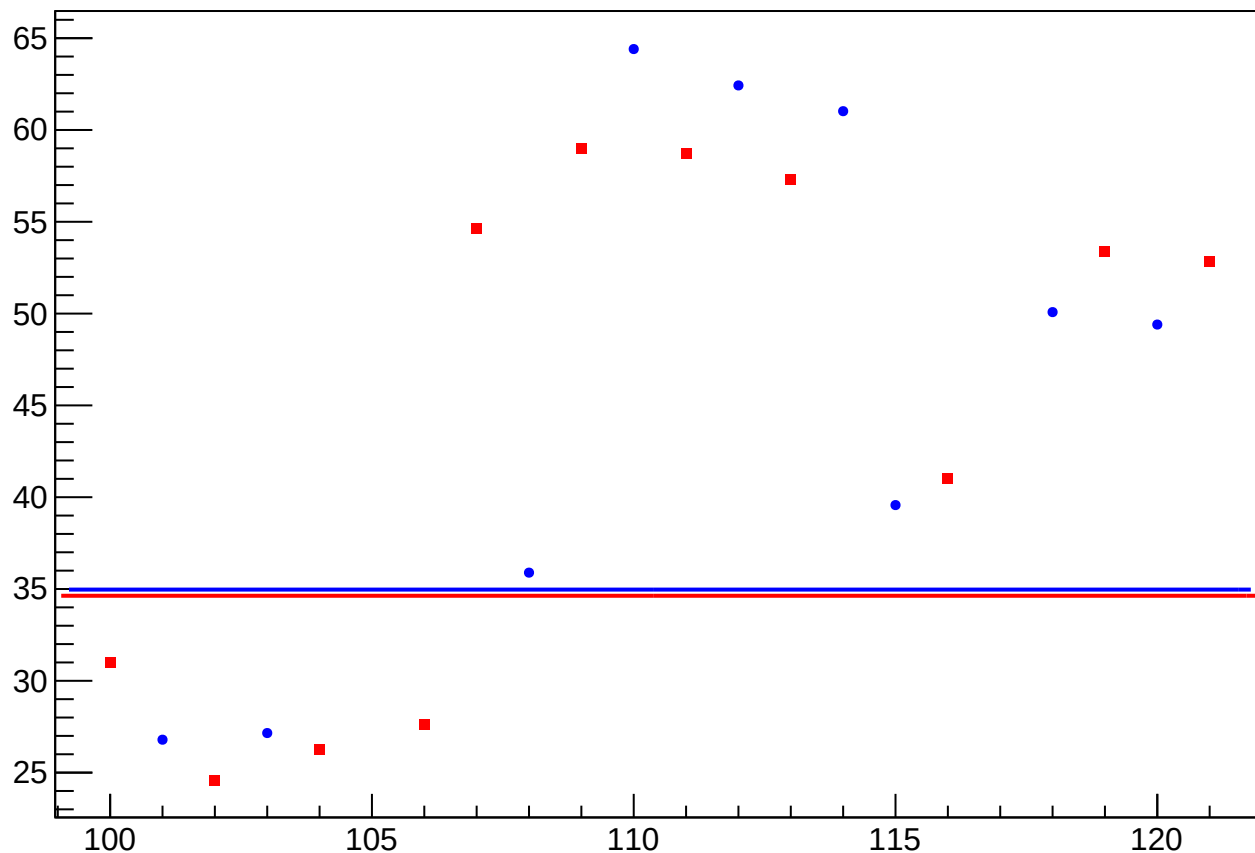
Right: 0.010+/-0.013 χ^2/NDF : 17.9/19

In: 0.012+/-0.020 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.013 χ^2/NDF : 17.9/19

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

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

Right Out: 34.632+/-0.013 χ^2/NDF : 1131268.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

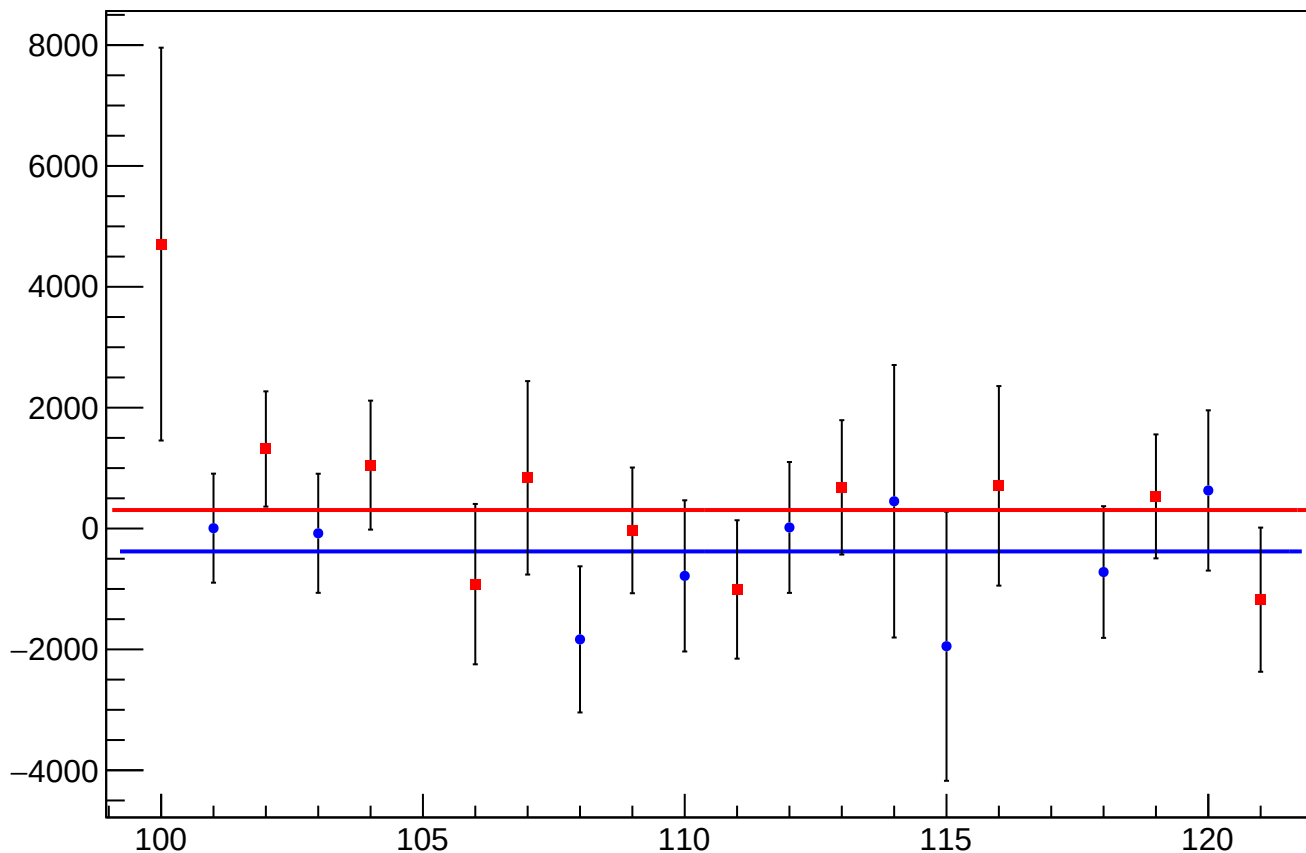
Right: 34.782+/-0.009 χ^2/NDF : 1879100.8/19

In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.782+/-0.009 χ^2/NDF : 1879100.8/19

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -378.871+/-400.203 χ^2/NDF : 3.3/8

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

Right Out: 306.232+/-364.011 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

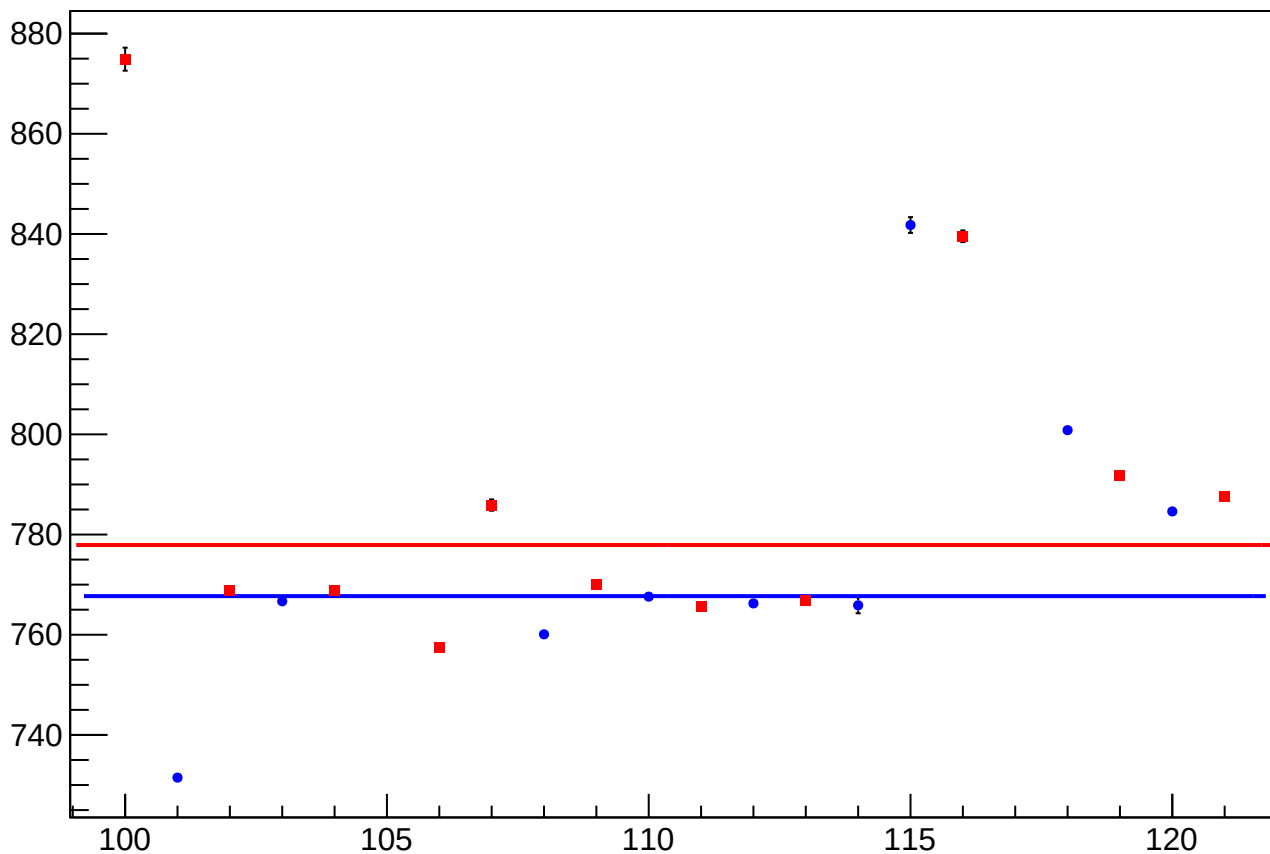
Right: -3.947+/-269.283 χ^2/NDF : 12.5/19

In: -378.871+/-400.203 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.947+/-269.283 χ^2/NDF : 12.5/19

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

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

Right Out: 777.910+/-0.257 χ^2/NDF : 6456.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

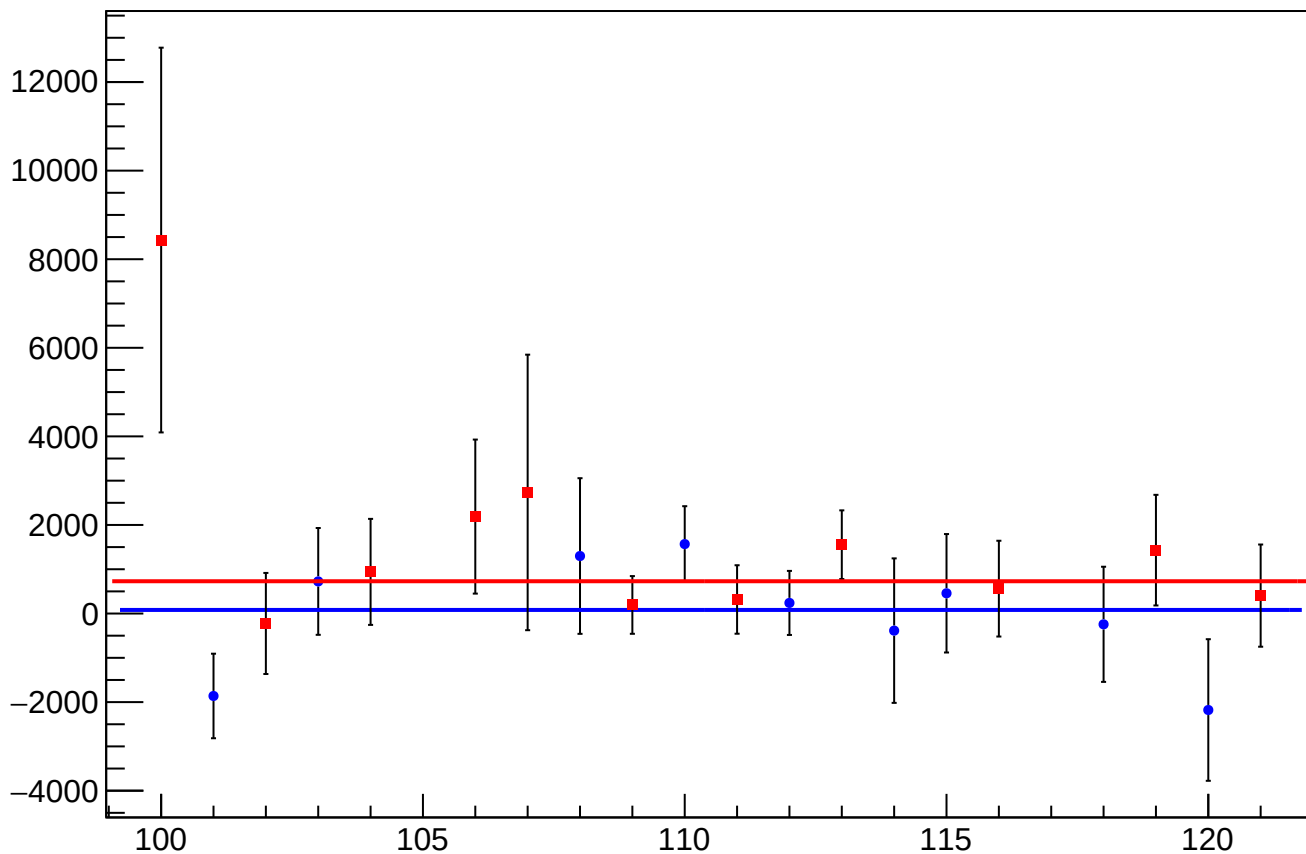
Right: 773.292+/-0.190 χ^2/NDF : 14866.1/19

In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.292+/-0.190 χ^2/NDF : 14866.1/19

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 81.149+/-369.948 χ^2/NDF : 10.2/8

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

Right Out: 729.080+/-317.931 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

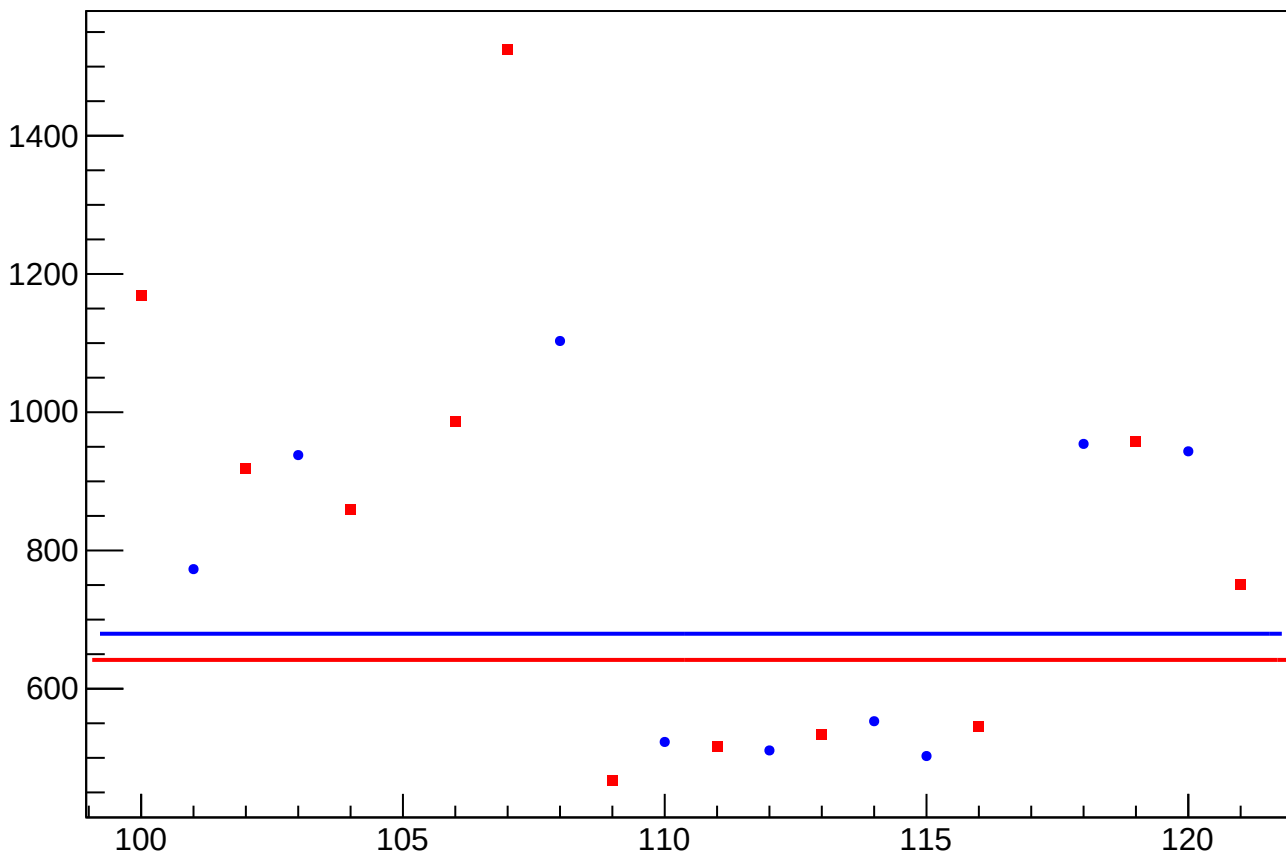
Right: 453.832+/-241.123 χ^2/NDF : 19.5/19

In: 81.149+/-369.948 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.832+/-241.123 χ^2/NDF : 19.5/19

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

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

Right Out: 641.696+/-0.225 χ^2/NDF : 850509.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

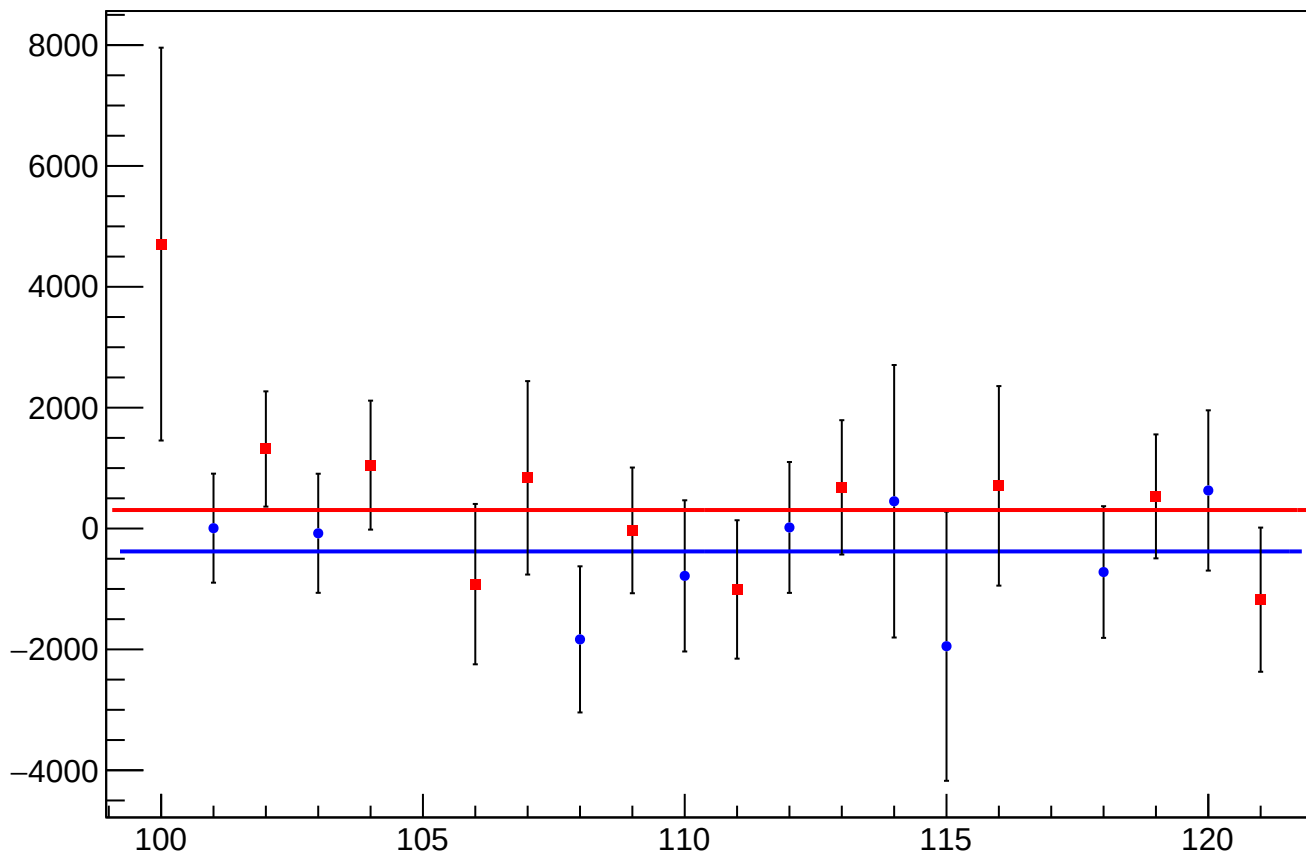
Right: 657.775+/-0.170 χ^2/NDF : 1456610.3/19

In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.775+/-0.170 χ^2/NDF : 1456610.3/19

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -378.871+/-400.203 χ^2/NDF : 3.3/8

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

Right Out: 306.232+/-364.011 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

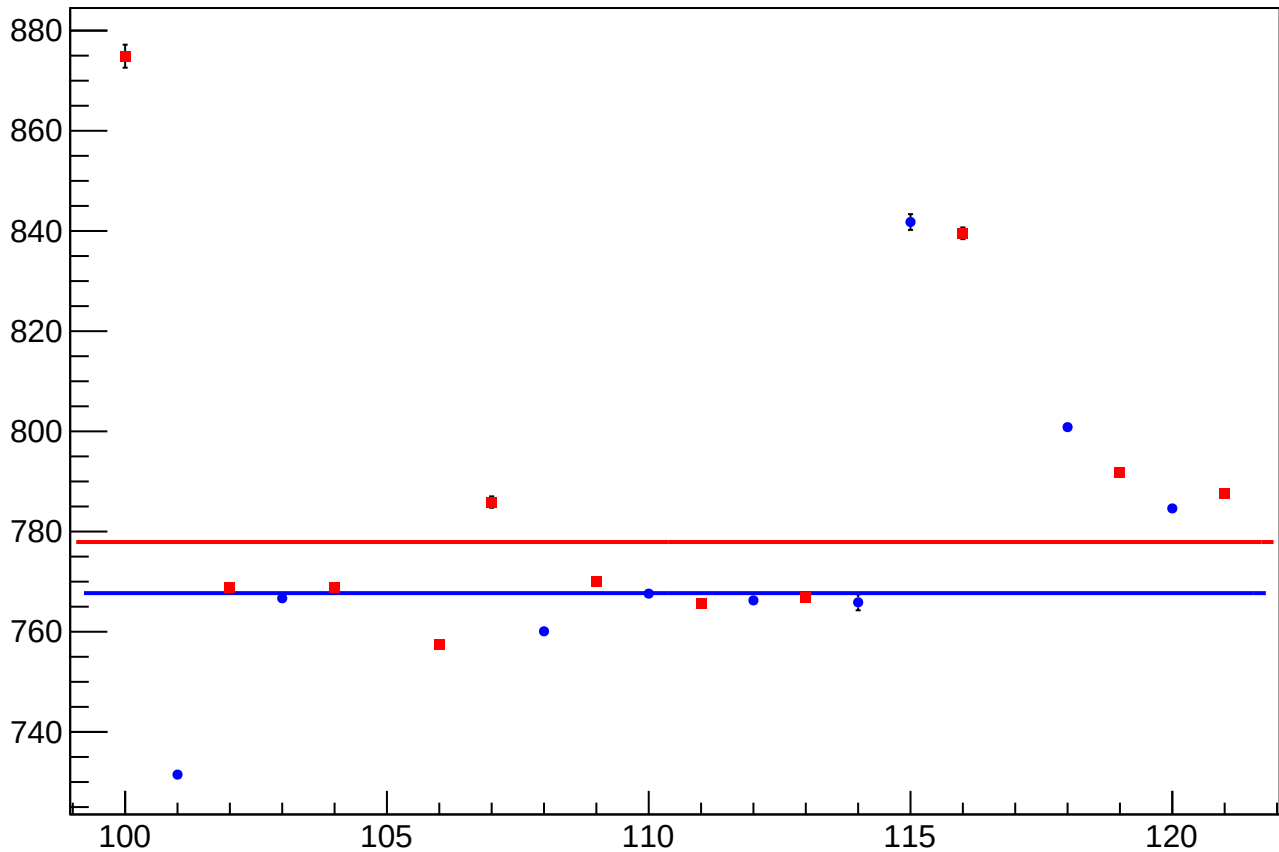
Right: -3.947+/-269.283 χ^2/NDF : 12.5/19

In: -378.871+/-400.203 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.947+/-269.283 χ^2/NDF : 12.5/19

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 767.709 $\pm$ 0.283 χ^2 /NDF: 7698.5/8

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

Right Out: 777.910 $\pm$ 0.257 χ^2 /NDF: 6456.4/10

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

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

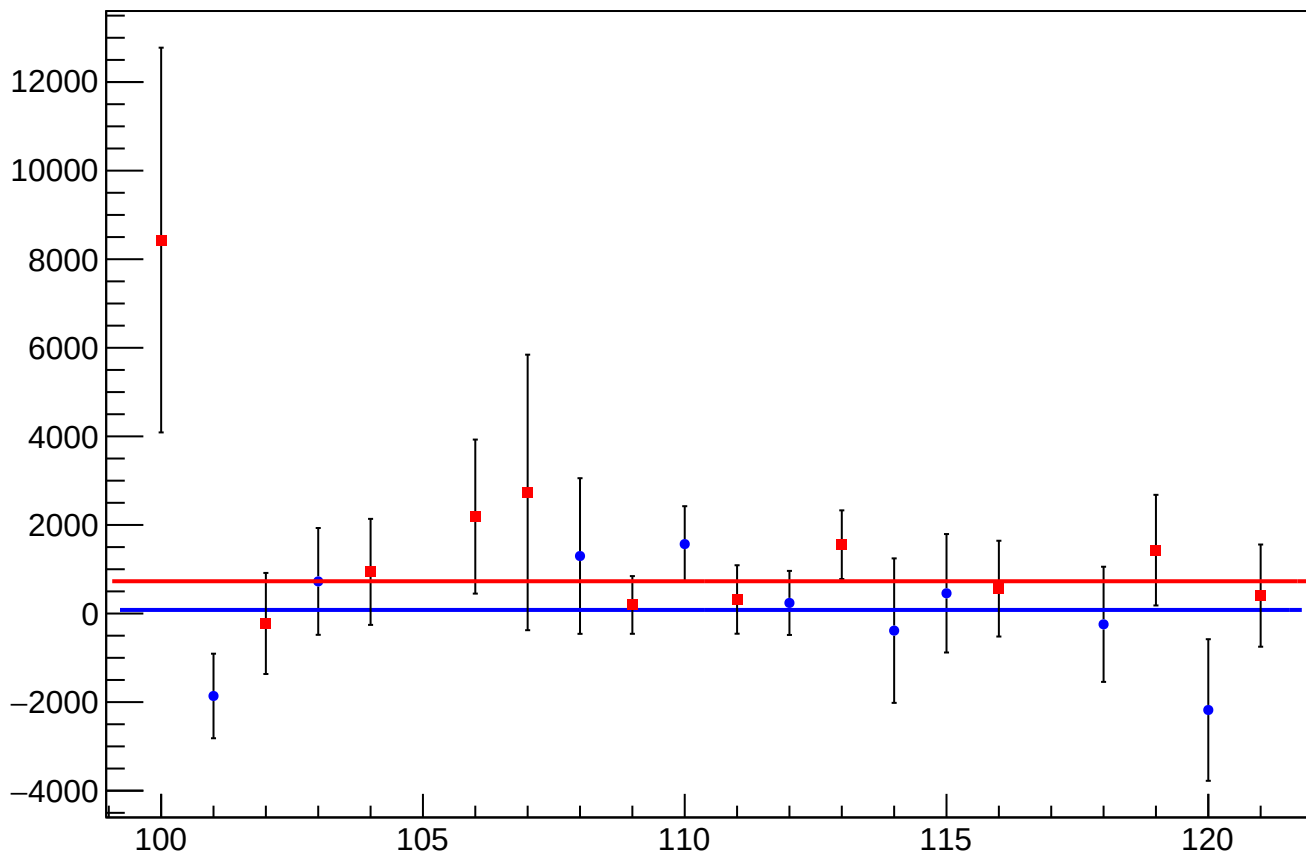
Right: 773.292 $\pm$ 0.190 χ^2 /NDF: 14866.1/19

In: 767.709 $\pm$ 0.283 χ^2 /NDF:7698.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 773.292 $\pm$ 0.190 χ^2 /NDF: 14866.1/19

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 81.149+/-369.948 χ^2/NDF : 10.2/8

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

Right Out: 729.080+/-317.931 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

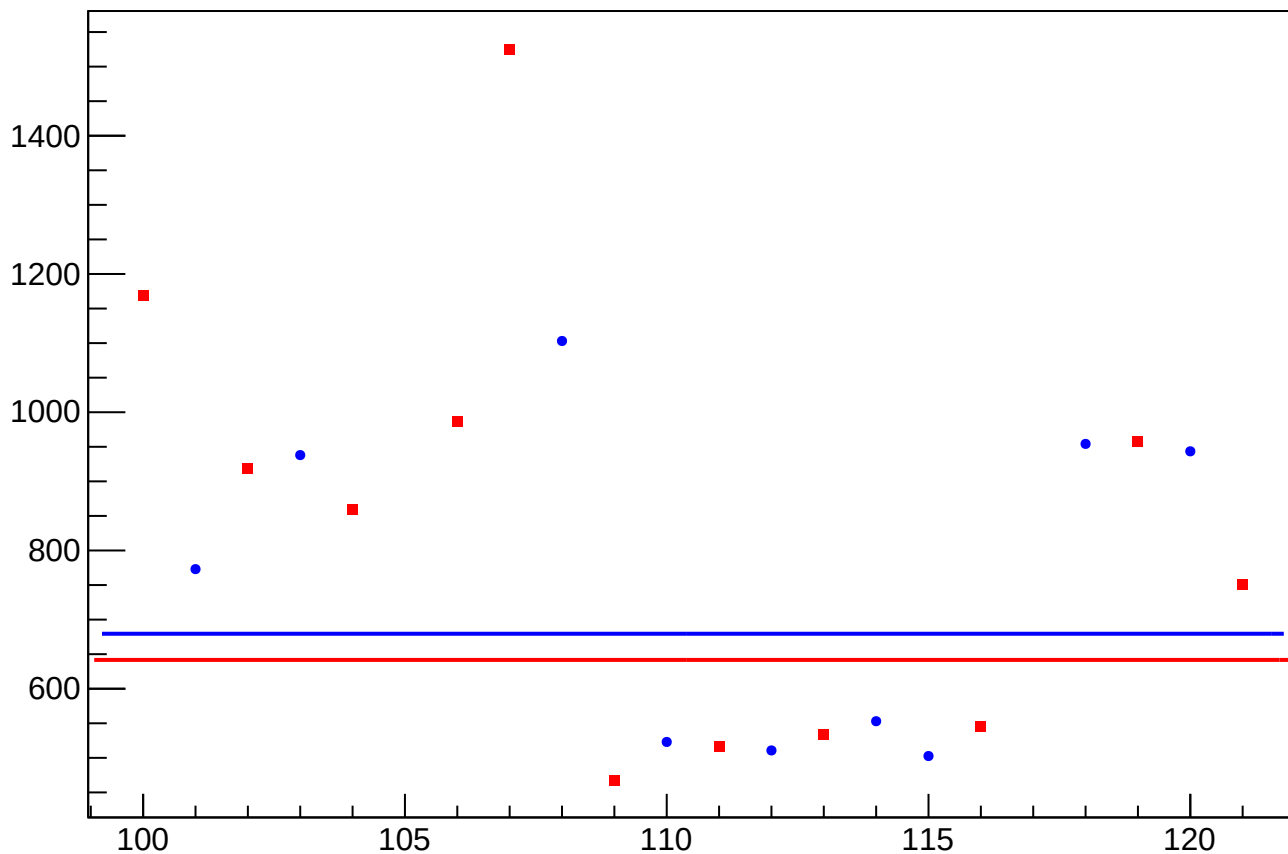
Right: 453.832+/-241.123 χ^2/NDF : 19.5/19

In: 81.149+/-369.948 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.832+/-241.123 χ^2/NDF : 19.5/19

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

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

Right Out: 641.696+/-0.225 χ^2/NDF : 850509.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

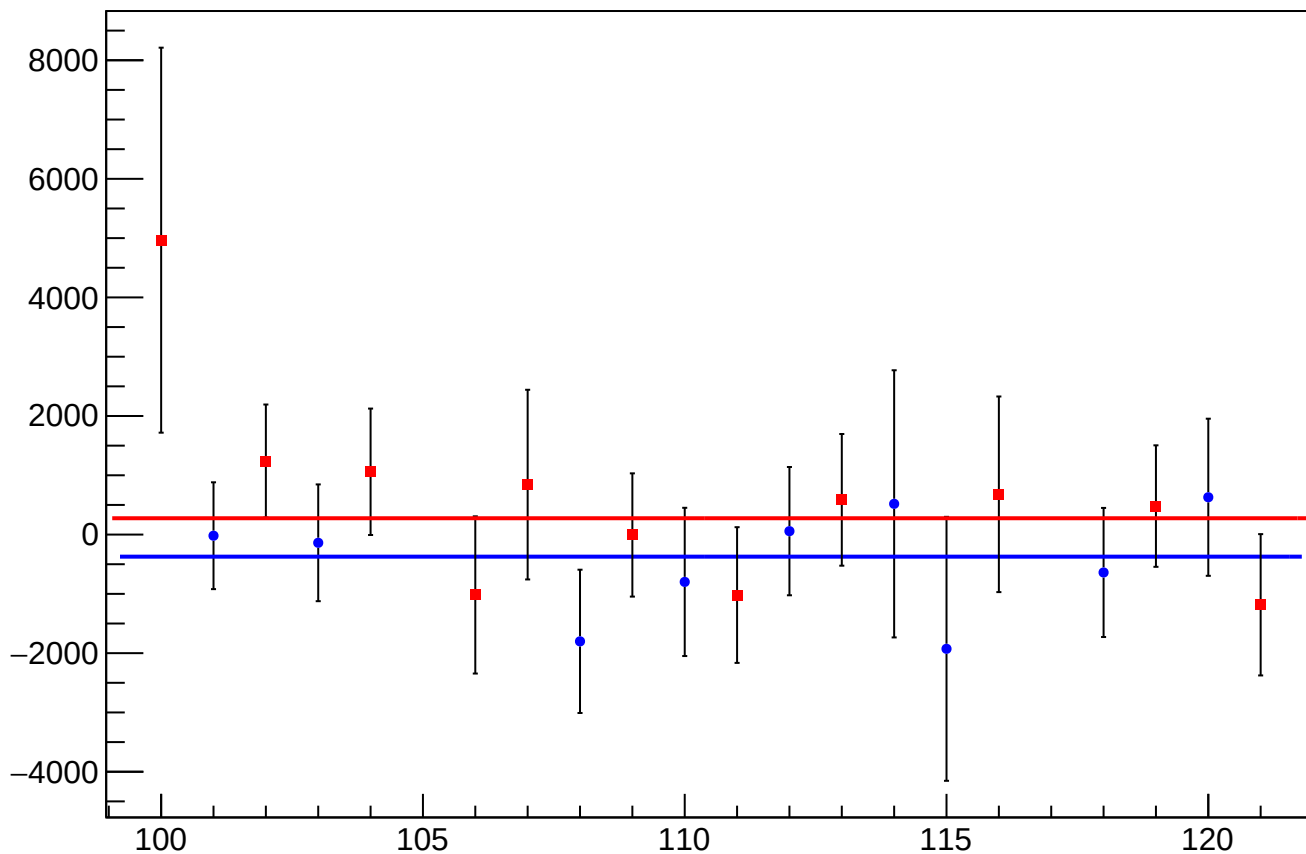
Right: 657.775+/-0.170 χ^2/NDF : 1456610.3/19

In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.775+/-0.170 χ^2/NDF : 1456610.3/19

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -372.355+/-399.836 χ^2/NDF : 3.2/8

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

Right Out: 275.452+/-363.710 χ^2/NDF : 7.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

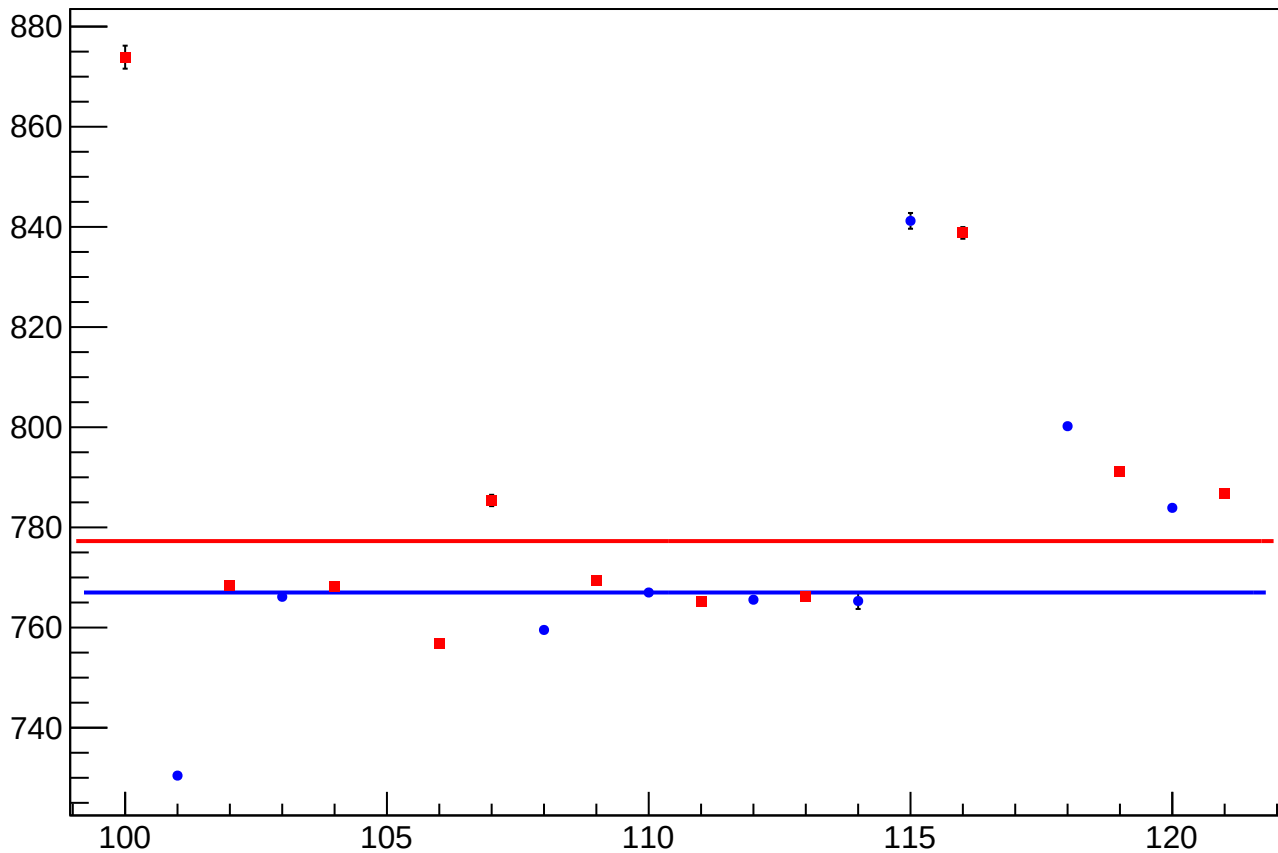
Right: -17.870+/-269.049 χ^2/NDF : 12.4/19

In: -372.355+/-399.836 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.870+/-269.049 χ^2/NDF : 12.4/19

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.999+/-0.283 χ^2/NDF : 7786.7/8

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

Right Out: 777.266+/-0.257 χ^2/NDF : 6434.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

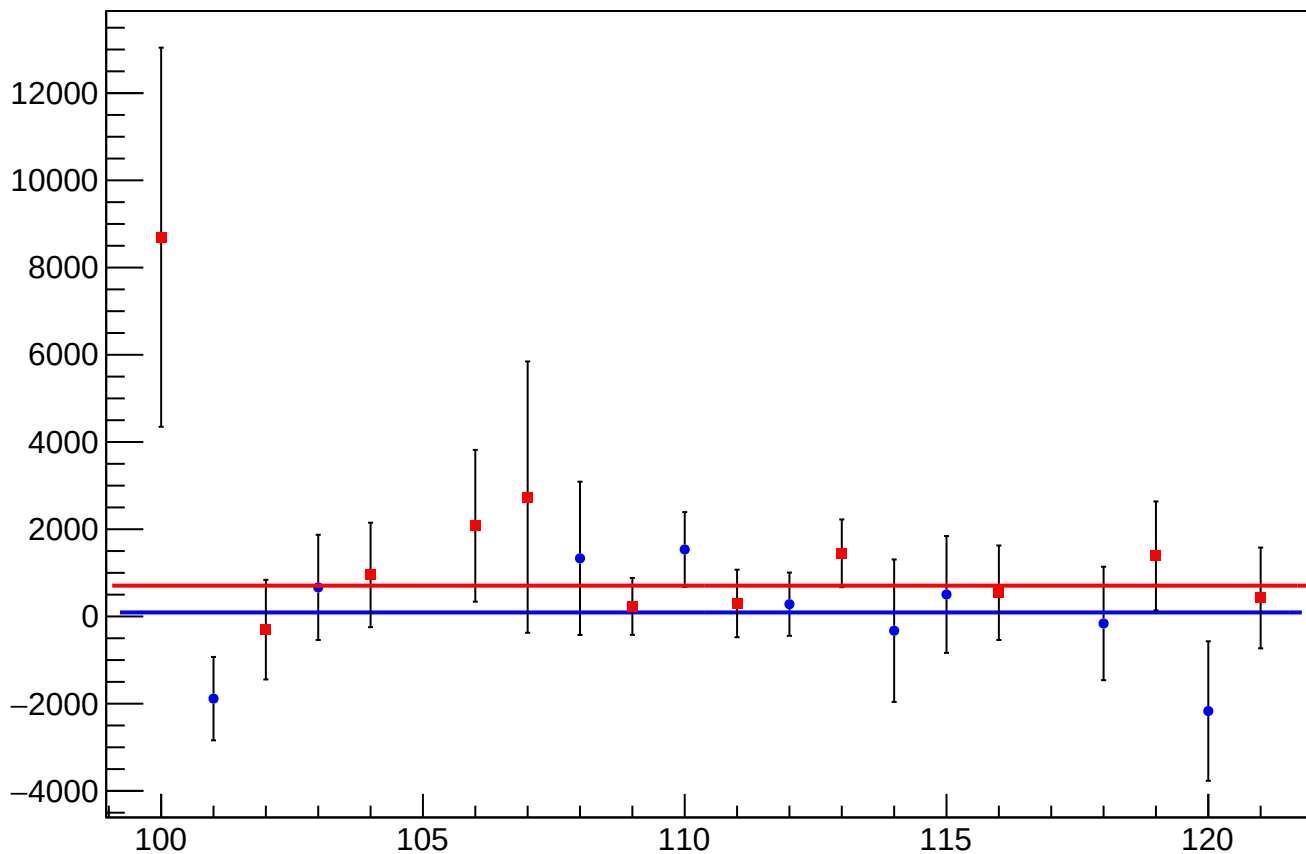
Right: 772.617+/-0.190 χ^2/NDF : 14942.8/19

In: 766.999+/-0.283 χ^2/NDF : 7786.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.617+/-0.190 χ^2/NDF : 14942.8/19

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 91.907+/-370.475 χ^2/NDF : 10.1/8

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

Right Out: 706.563+/-318.434 χ^2/NDF : 7.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

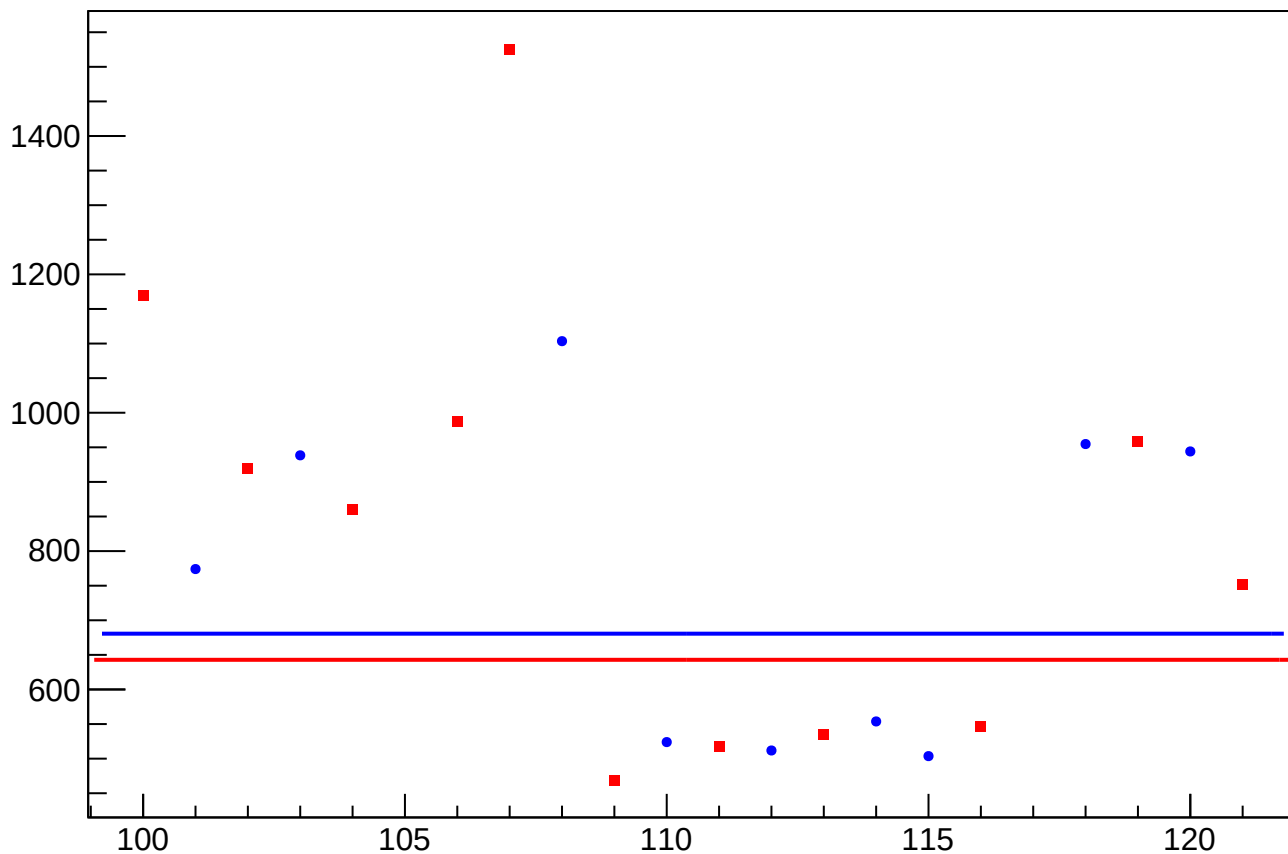
Right: 445.403+/-241.488 χ^2/NDF : 19.0/19

In: 91.907+/-370.475 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.403+/-241.488 χ^2/NDF : 19.0/19

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 680.640+/-0.262 χ^2/NDF : 591664.8/8

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

Right Out: 642.867+/-0.225 χ^2/NDF : 847143.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

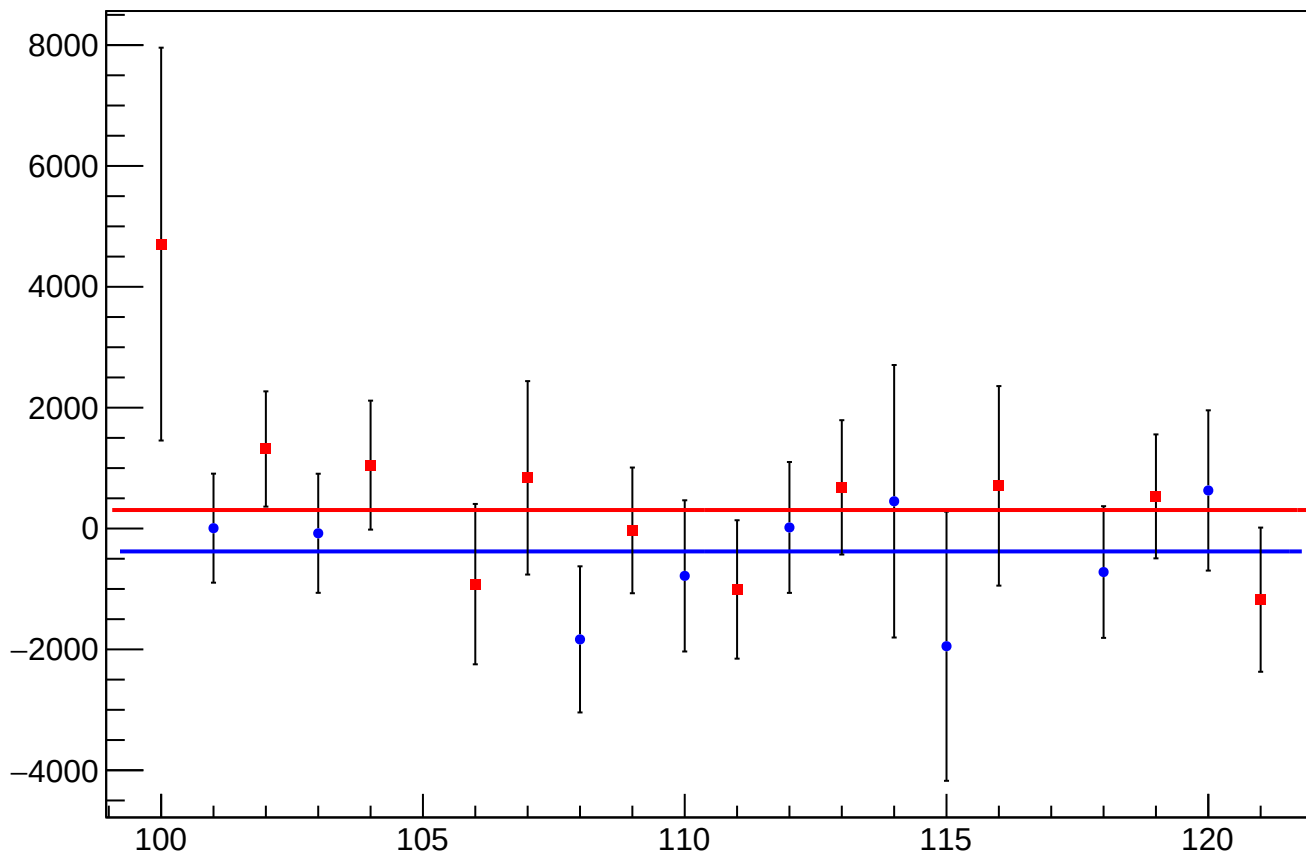
Right: 658.917+/-0.171 χ^2/NDF : 1450764.9/19

In: 680.640+/-0.262 χ^2/NDF : 591664.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.917+/-0.171 χ^2/NDF : 1450764.9/19

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -378.871+/-400.203 χ^2/NDF : 3.3/8

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

Right Out: 306.232+/-364.011 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

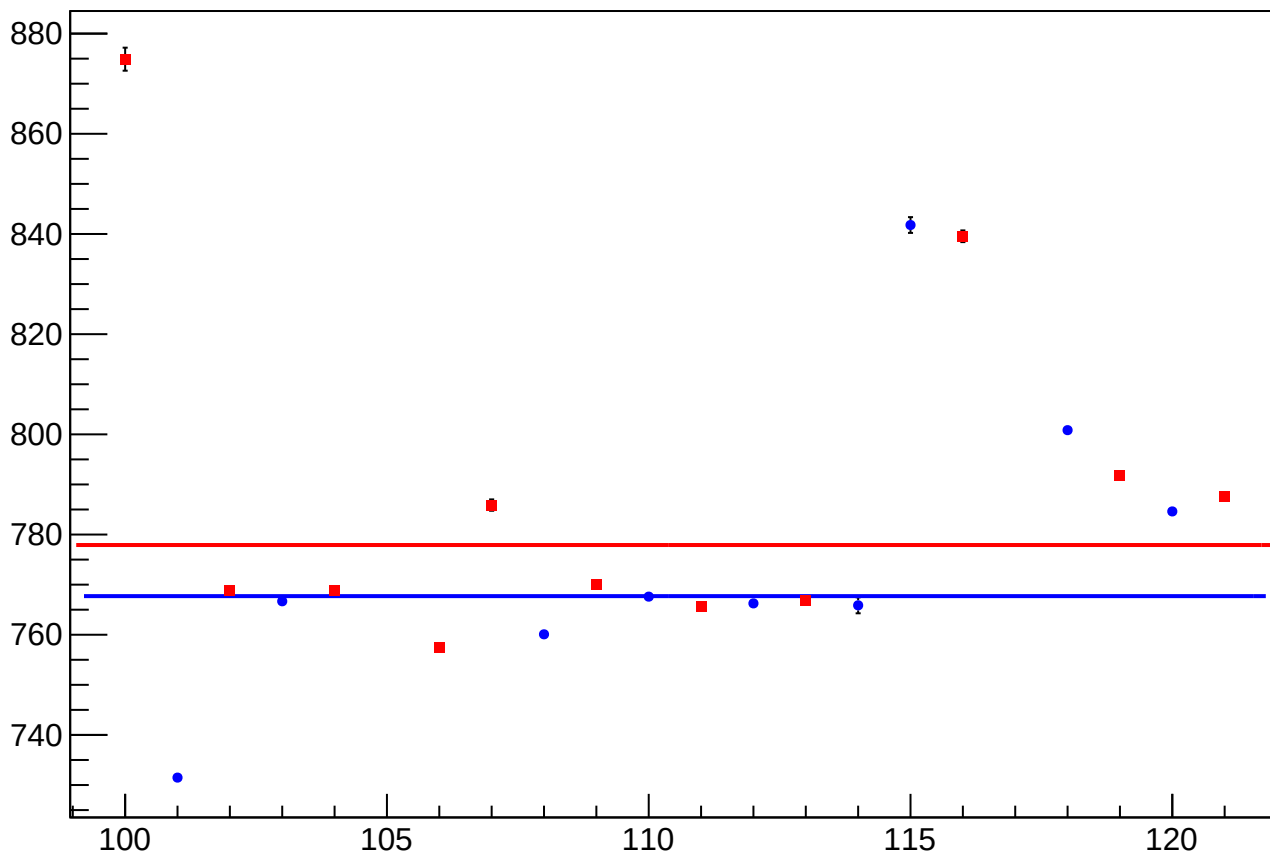
Right: -3.947+/-269.283 χ^2/NDF : 12.5/19

In: -378.871+/-400.203 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.947+/-269.283 χ^2/NDF : 12.5/19

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 767.709 $\pm$ 0.283 χ^2 /NDF: 7698.5/8

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

Right Out: 777.910 $\pm$ 0.257 χ^2 /NDF: 6456.4/10

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

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

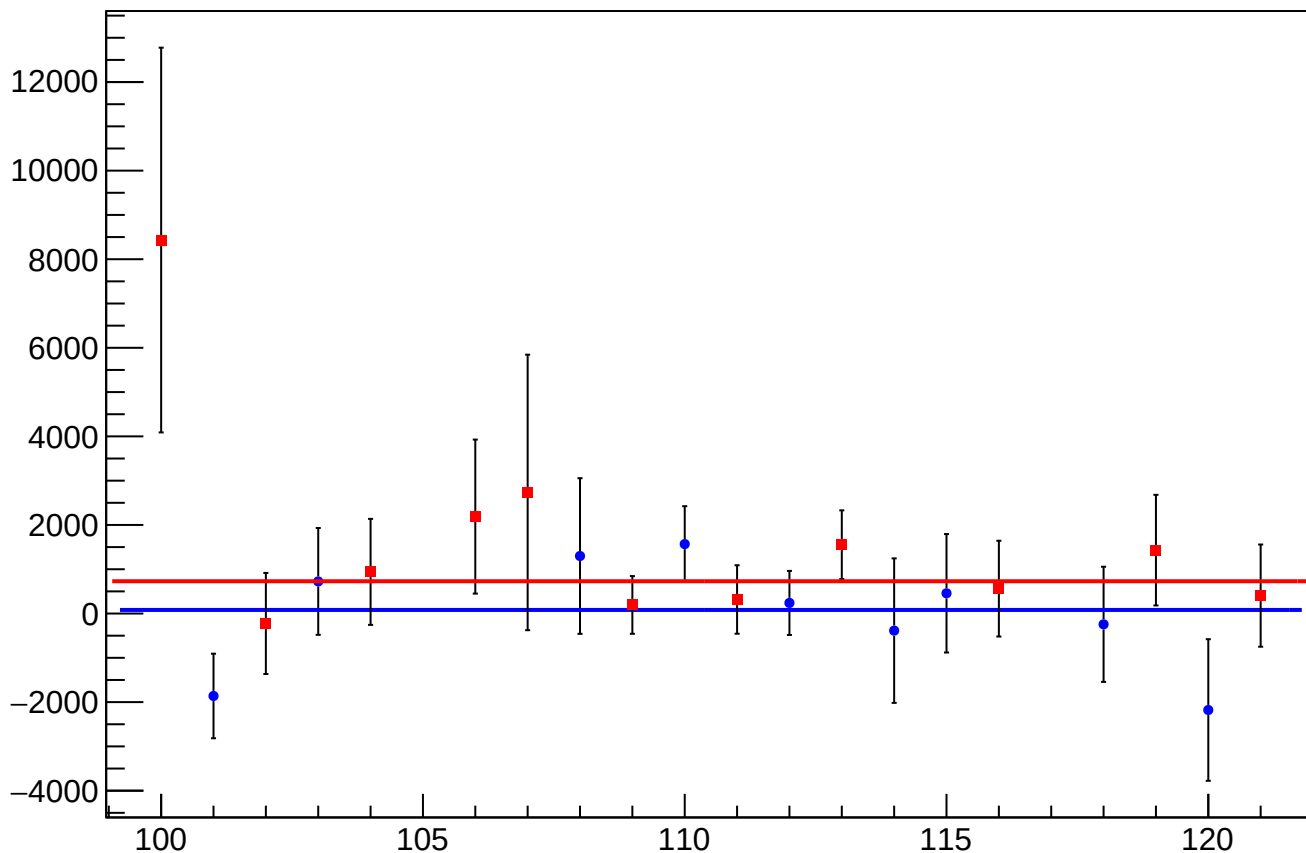
Right: 773.292 $\pm$ 0.190 χ^2 /NDF: 14866.1/19

In: 767.709 $\pm$ 0.283 χ^2 /NDF: 7698.5/8

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

All: 773.292 $\pm$ 0.190 χ^2 /NDF: 14866.1/19

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 81.149+/-369.948 χ^2/NDF : 10.2/8

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

Right Out: 729.080+/-317.931 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

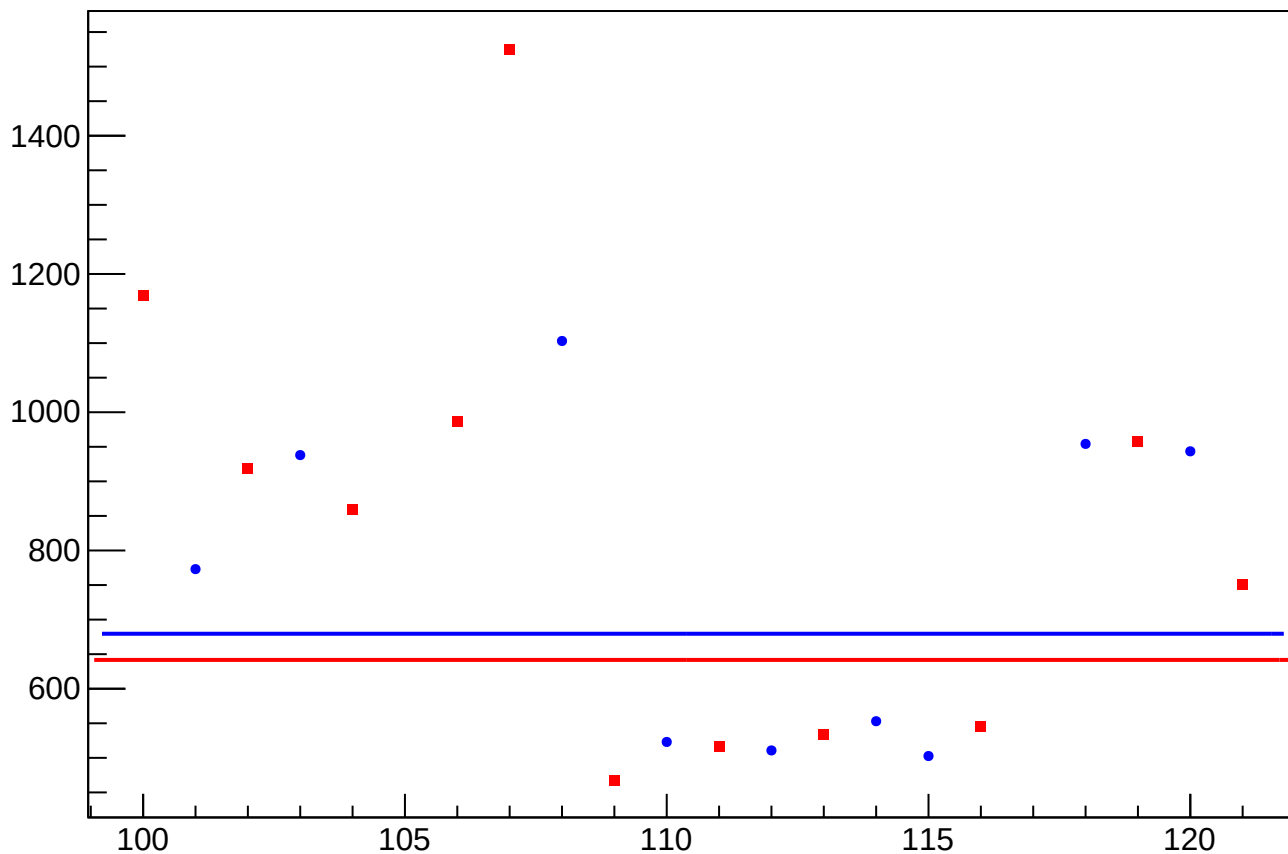
Right: 453.832+/-241.123 χ^2/NDF : 19.5/19

In: 81.149+/-369.948 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.832+/-241.123 χ^2/NDF : 19.5/19

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

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

Right Out: 641.696+/-0.225 χ^2/NDF : 850509.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

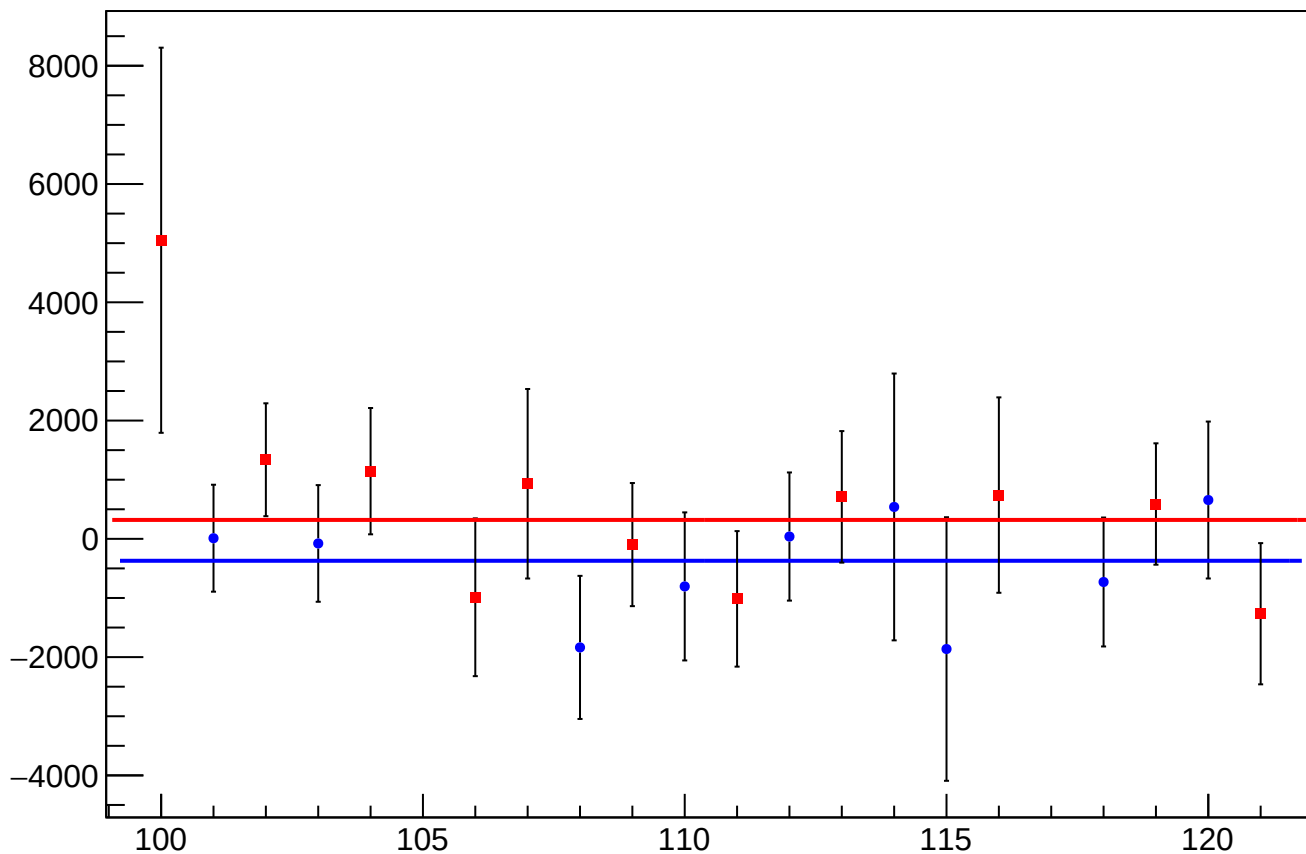
Right: 657.775+/-0.170 χ^2/NDF : 1456610.3/19

In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.775+/-0.170 χ^2/NDF : 1456610.3/19

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -370.925 ± 400.607 χ^2/NDF : 3.3/8

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

Right Out: 319.937 ± 364.412 χ^2/NDF : 8.5/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

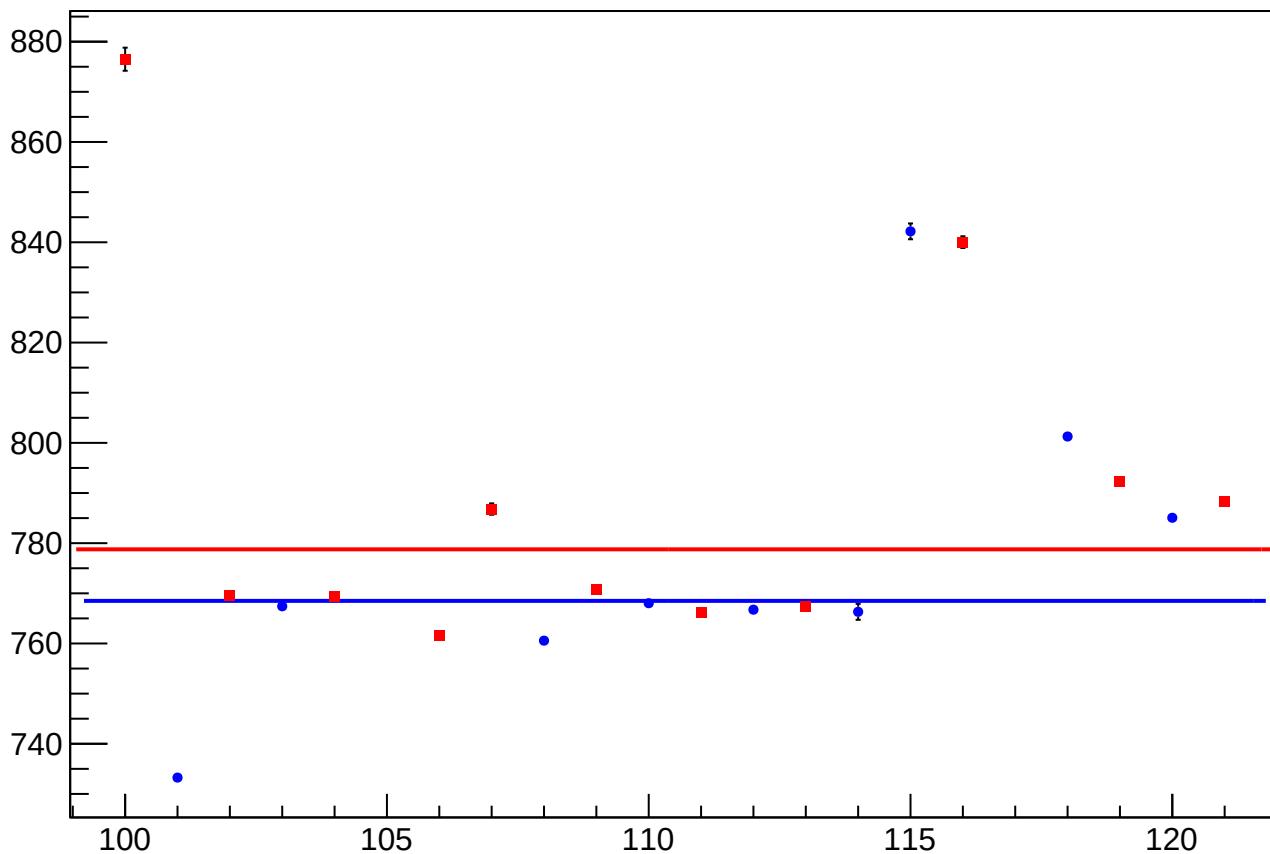
Right: 7.119 ± 269.568 χ^2/NDF : 13.4/19

In: -370.925 ± 400.607 χ^2/NDF : 3.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.119 ± 269.568 χ^2/NDF : 13.4/19

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 768.495+/-0.283 χ^2/NDF : 7438.7/8

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

Right Out: 778.772+/-0.258 χ^2/NDF : 6328.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

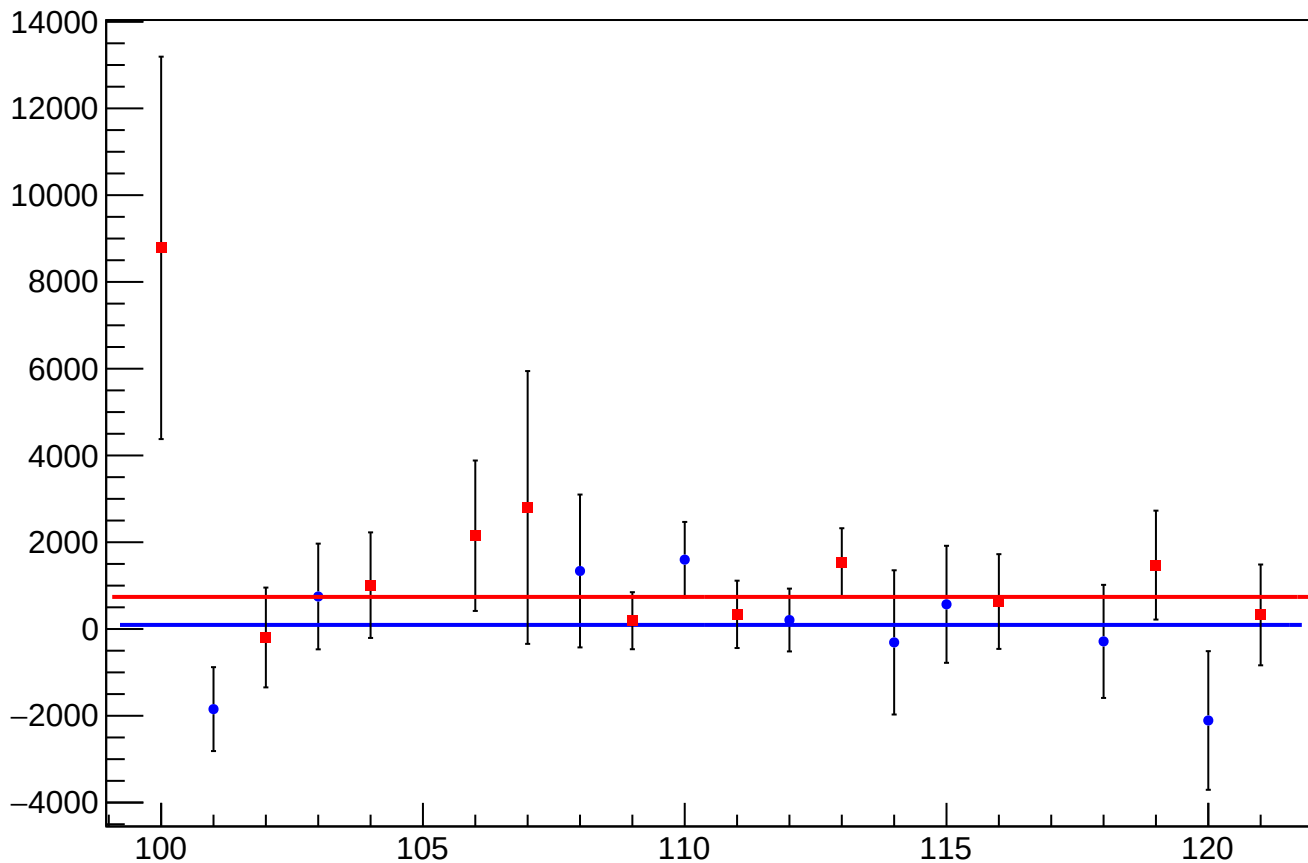
Right: 774.118+/-0.191 χ^2/NDF : 14487.1/19

In: 768.495+/-0.283 χ^2/NDF : 7438.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.118+/-0.191 χ^2/NDF : 14487.1/19

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 94.394+/-372.981 χ^2/NDF : 10.0/8

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

Right Out: 739.819+/-320.539 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

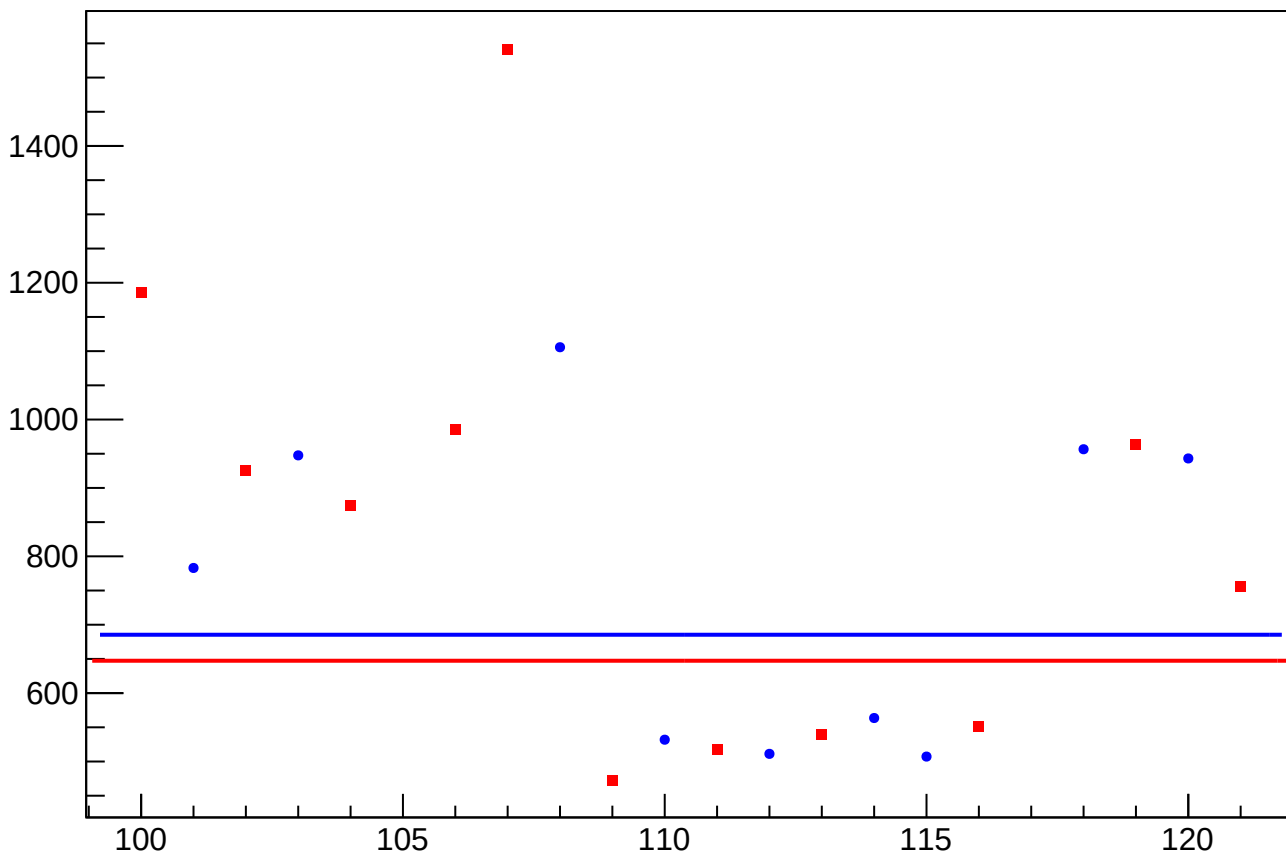
Right: 465.634+/-243.100 χ^2/NDF : 19.3/19

In: 94.394+/-372.981 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.634+/-243.100 χ^2/NDF : 19.3/19

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 685.347+/-0.264 χ^2/NDF : 589315.1/8

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

Right Out: 647.337+/-0.227 χ^2/NDF : 849872.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

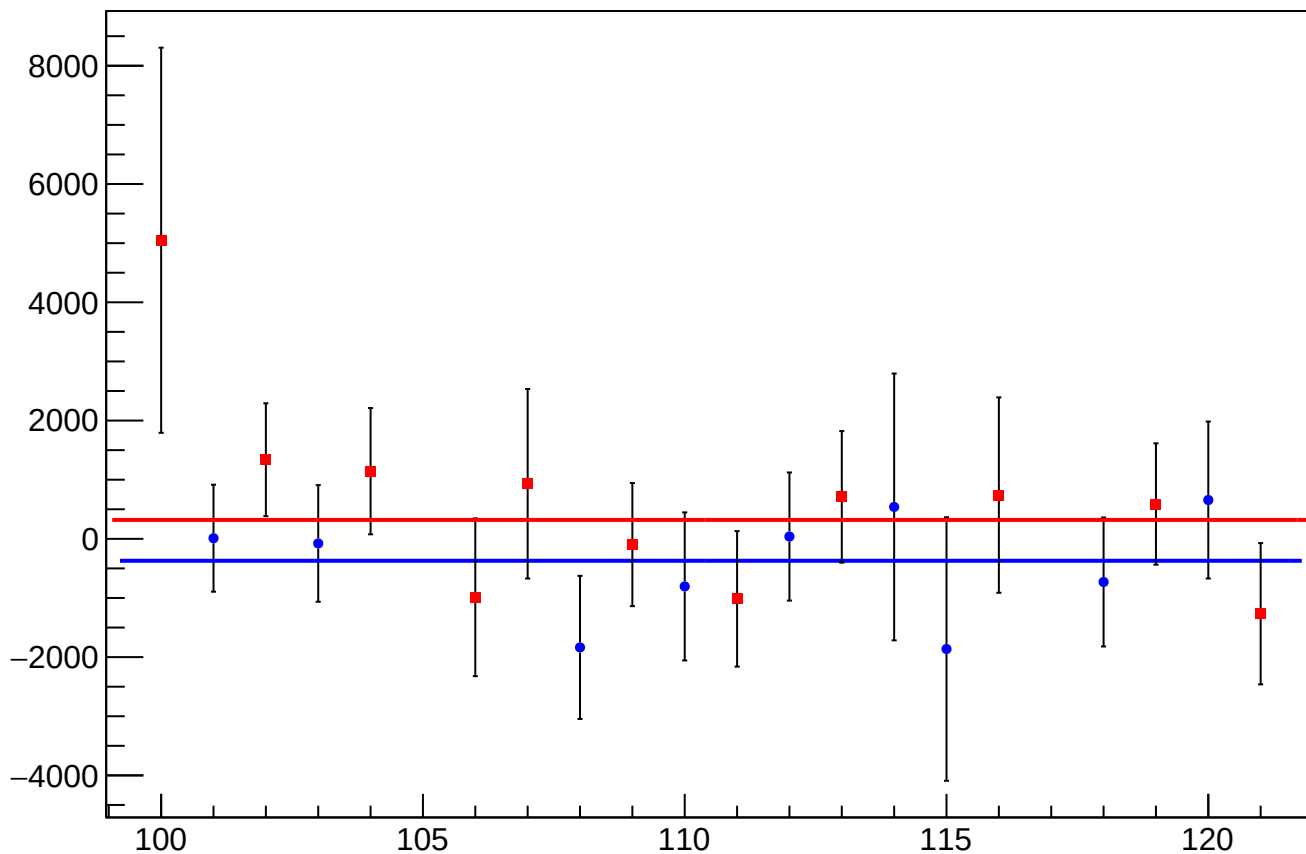
Right: 663.484+/-0.172 χ^2/NDF : 1451134.7/19

In: 685.347+/-0.264 χ^2/NDF : 589315.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.484+/-0.172 χ^2/NDF : 1451134.7/19

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -370.925+/-400.607 χ^2/NDF : 3.3/8

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

Right Out: 319.933+/-364.412 χ^2/NDF : 8.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

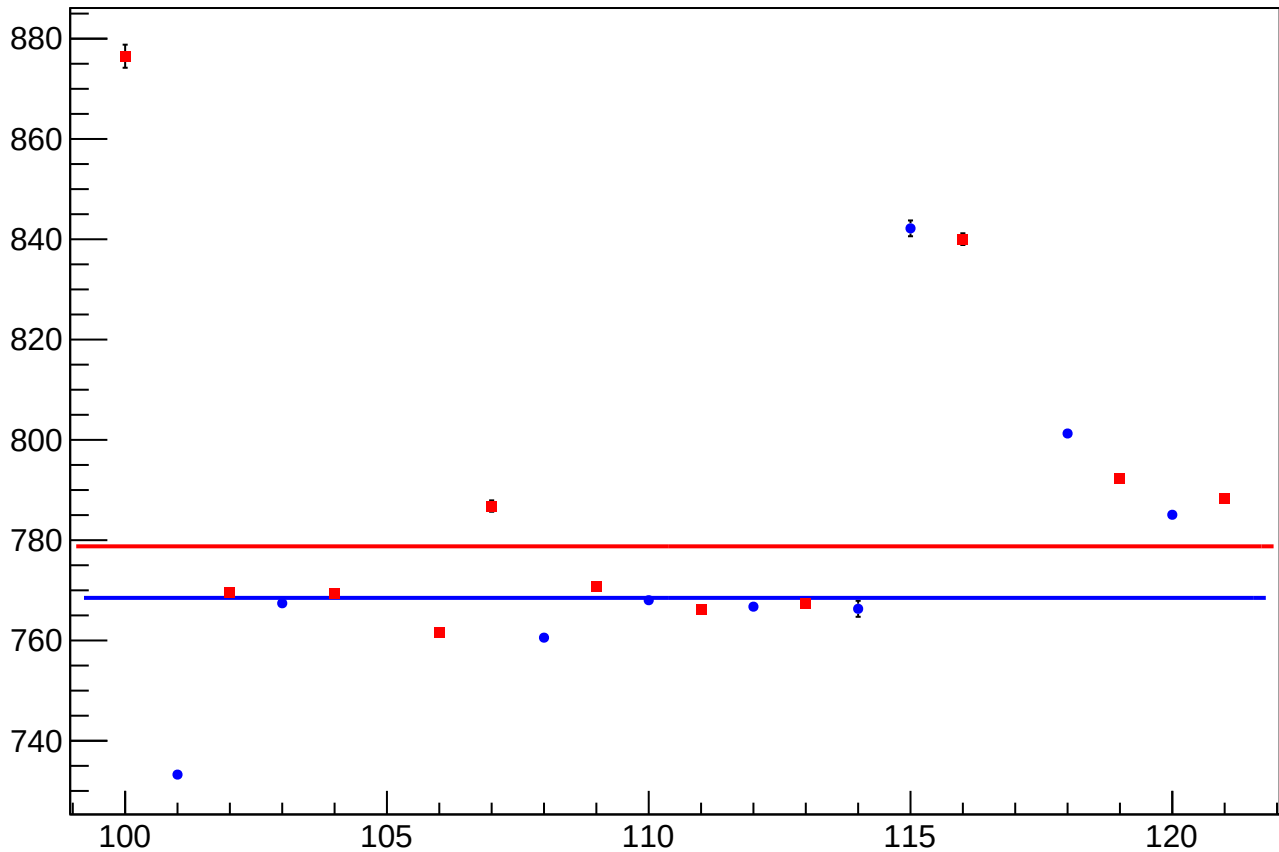
Right: 7.117+/-269.568 χ^2/NDF : 13.4/19

In: -370.925+/-400.607 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.117+/-269.568 χ^2/NDF : 13.4/19

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 768.495+/-0.283 χ^2/NDF : 7438.7/8

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

Right Out: 778.772+/-0.258 χ^2/NDF : 6328.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

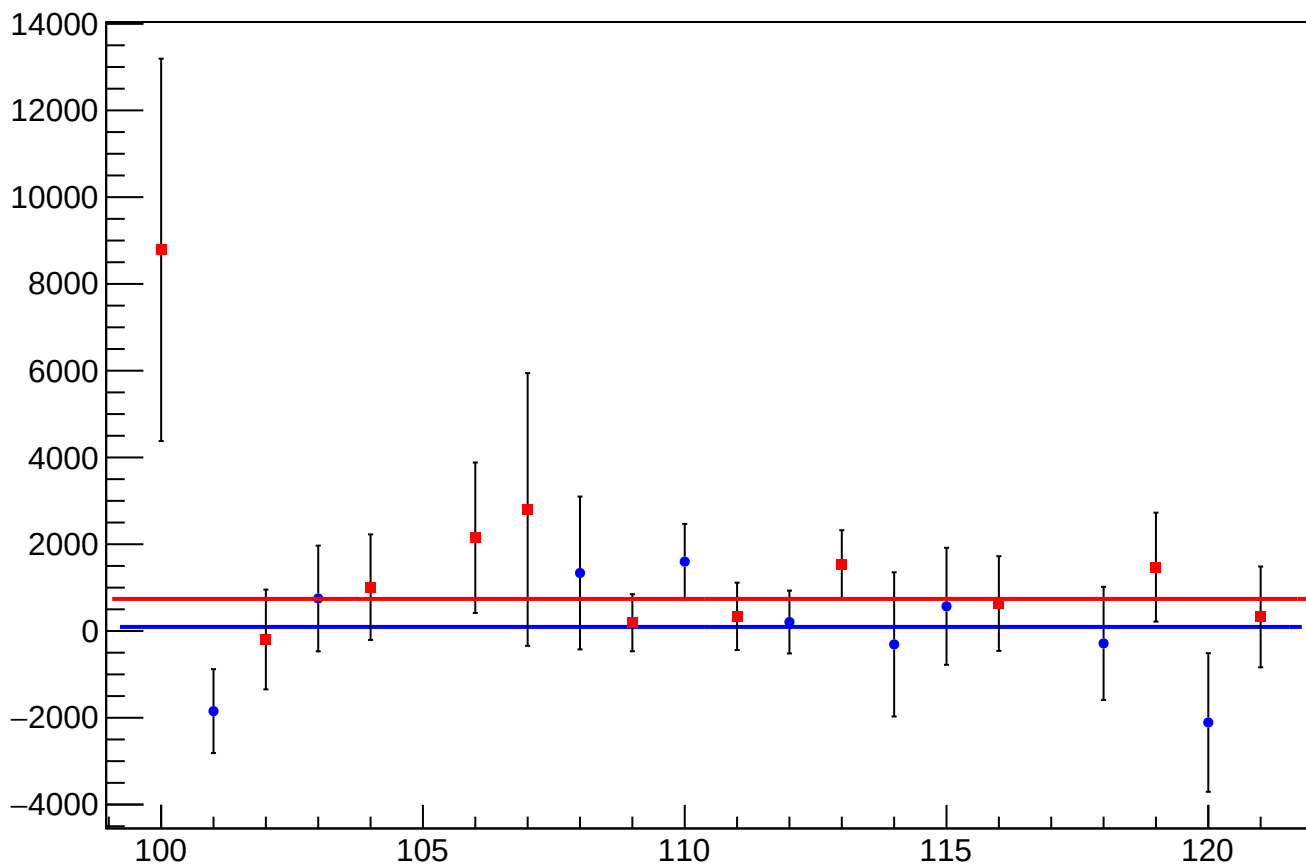
Right: 774.118+/-0.191 χ^2/NDF : 14487.1/19

In: 768.495+/-0.283 χ^2/NDF : 7438.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.118+/-0.191 χ^2/NDF : 14487.1/19

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 94.394+/-372.979 χ^2/NDF : 10.0/8

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

Right Out: 739.816+/-320.537 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

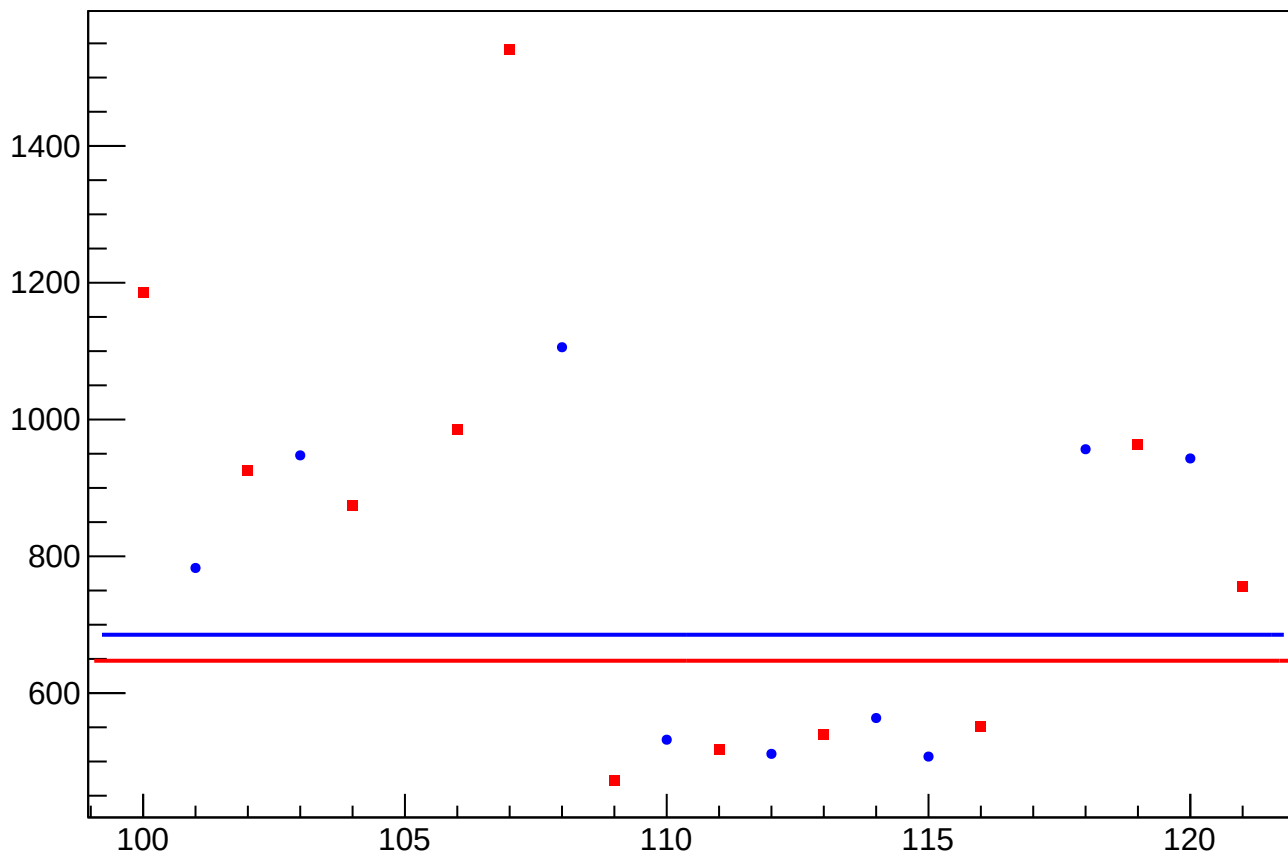
Right: 465.633+/-243.099 χ^2/NDF : 19.3/19

In: 94.394+/-372.979 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.633+/-243.099 χ^2/NDF : 19.3/19

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 685.343+/-0.264 χ^2/NDF : 589330.0/8

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

Right Out: 647.333+/-0.227 χ^2/NDF : 849889.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

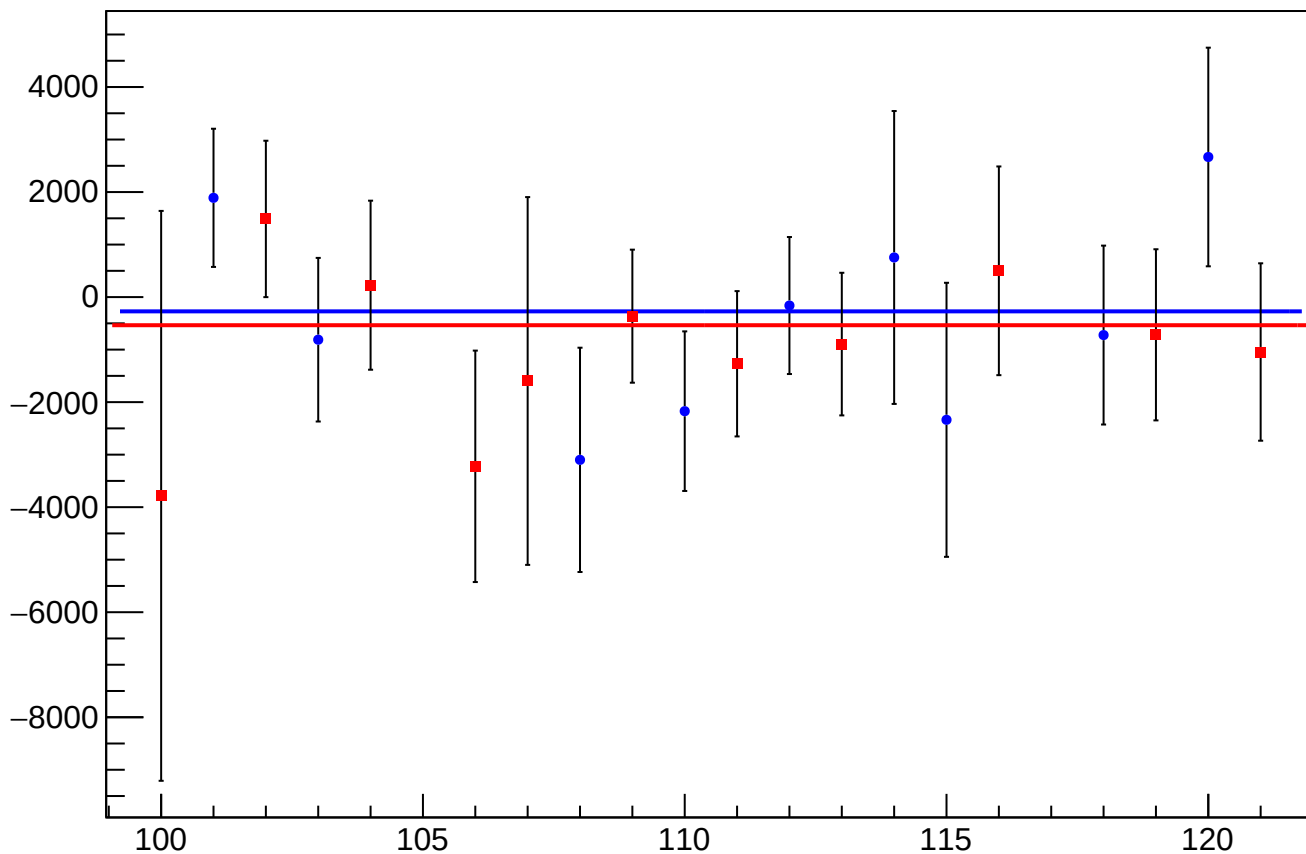
Right: 663.480+/-0.172 χ^2/NDF : 1451167.0/19

In: 685.343+/-0.264 χ^2/NDF : 589330.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.480+/-0.172 χ^2/NDF : 1451167.0/19

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -271.672+/-569.709 χ^2/NDF : 9.0/8

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

Right Out: -535.467+/-511.150 χ^2/NDF : 4.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

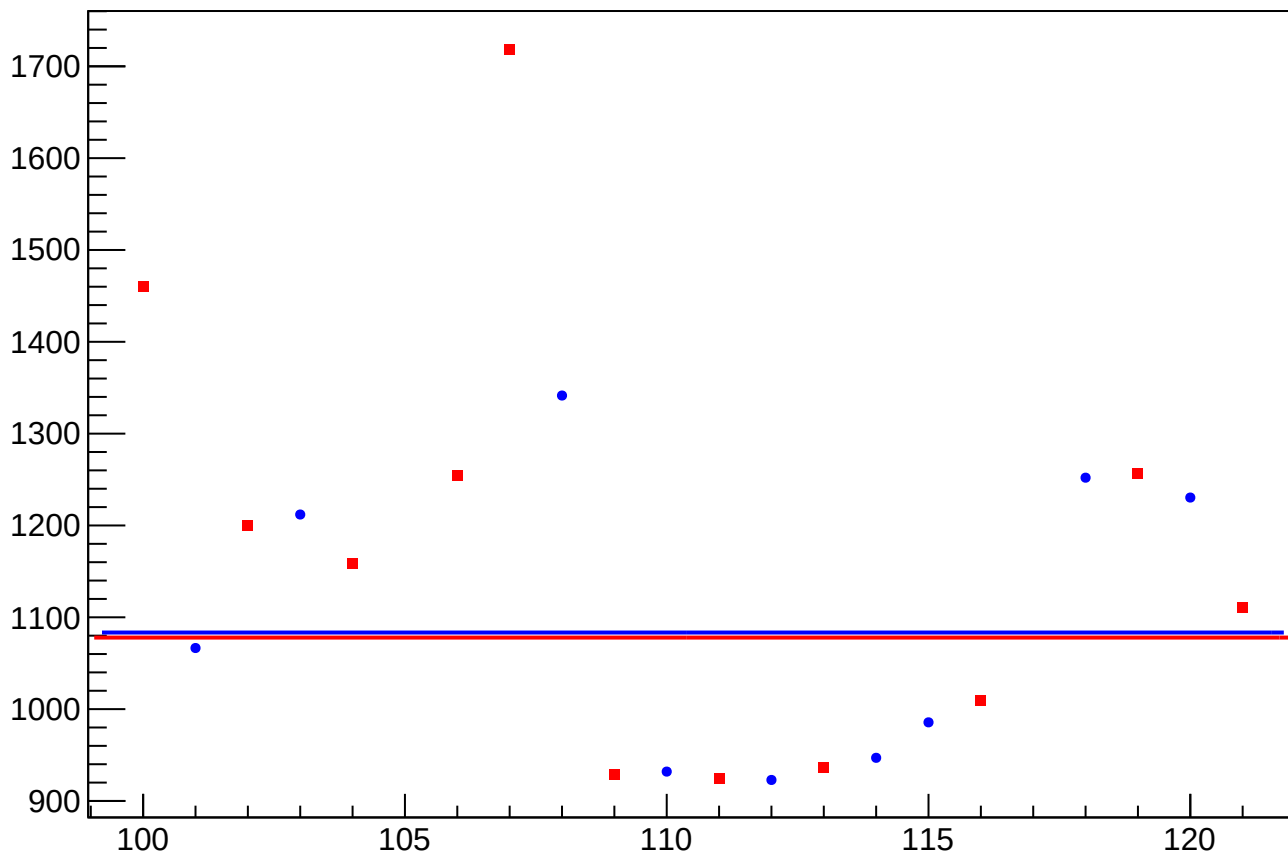
Right: -417.820+/-380.462 χ^2/NDF : 13.8/19

In: -271.672+/-569.709 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -417.820+/-380.462 χ^2/NDF : 13.8/19

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

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

Right Out: 1077.921+/-0.361 χ^2/NDF : 208990.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

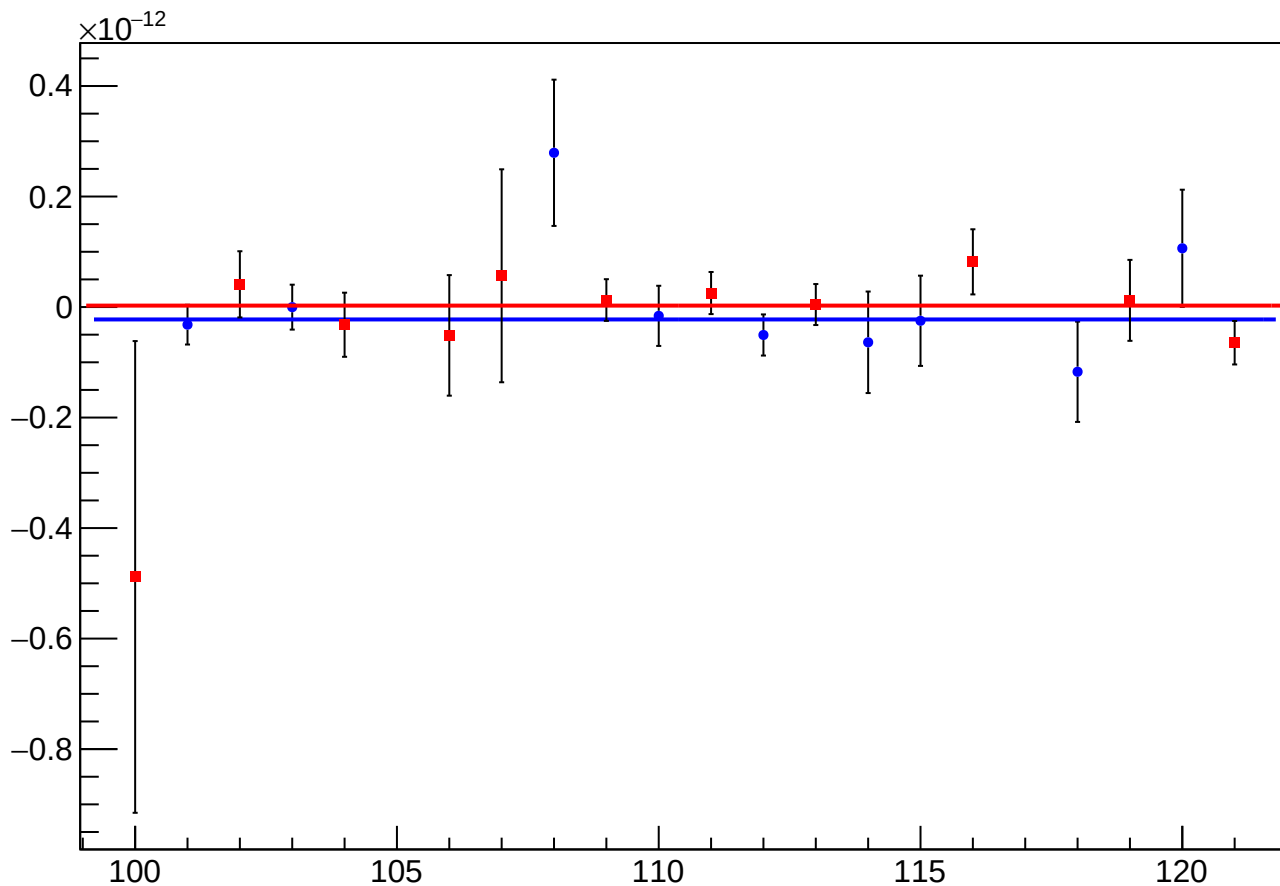
Right: 1080.373+/-0.269 χ^2/NDF : 339582.5/19

In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.373+/-0.269 χ^2/NDF : 339582.5/19

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

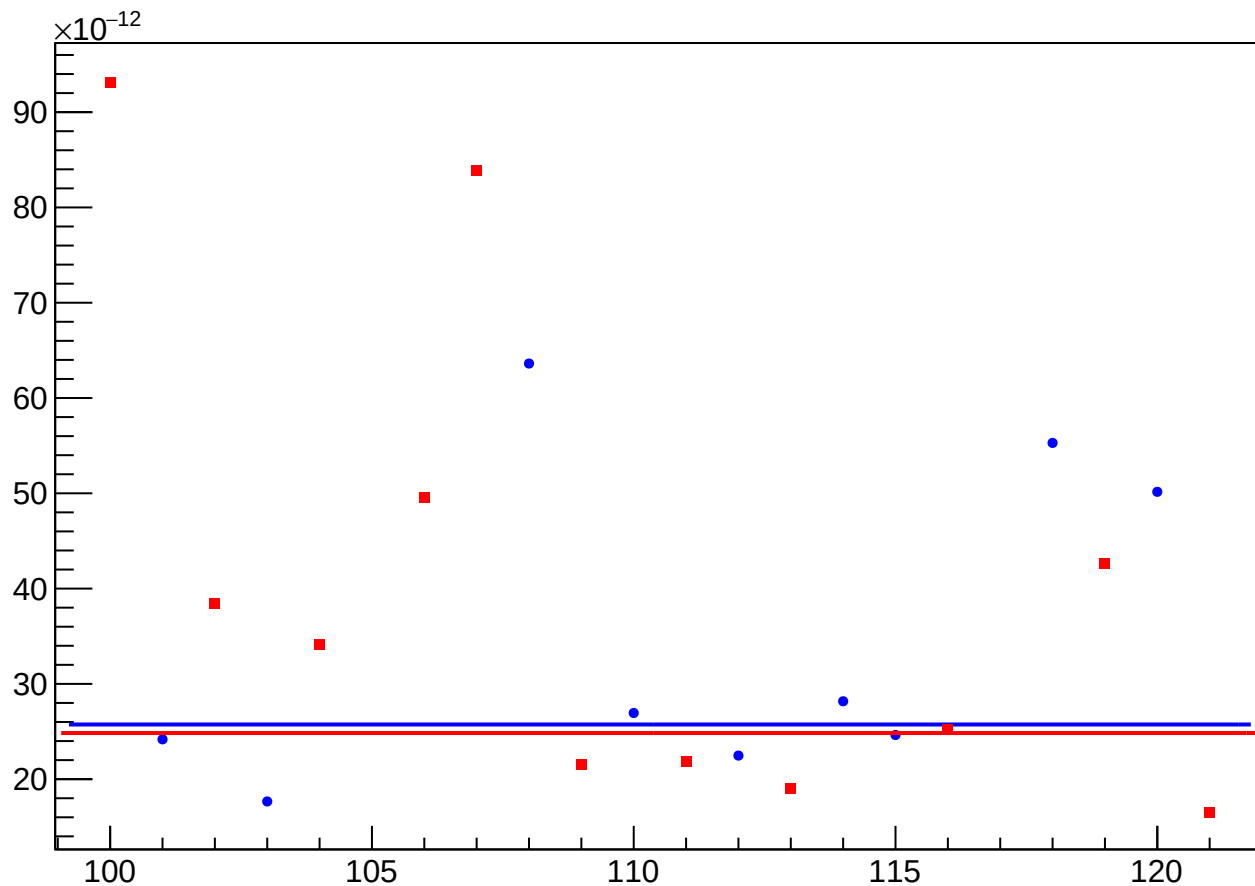
Right: -0.000+/-0.000 χ^2/NDF : 17.6/19

In: -0.000+/-0.000 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/19

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 582755.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 780496.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

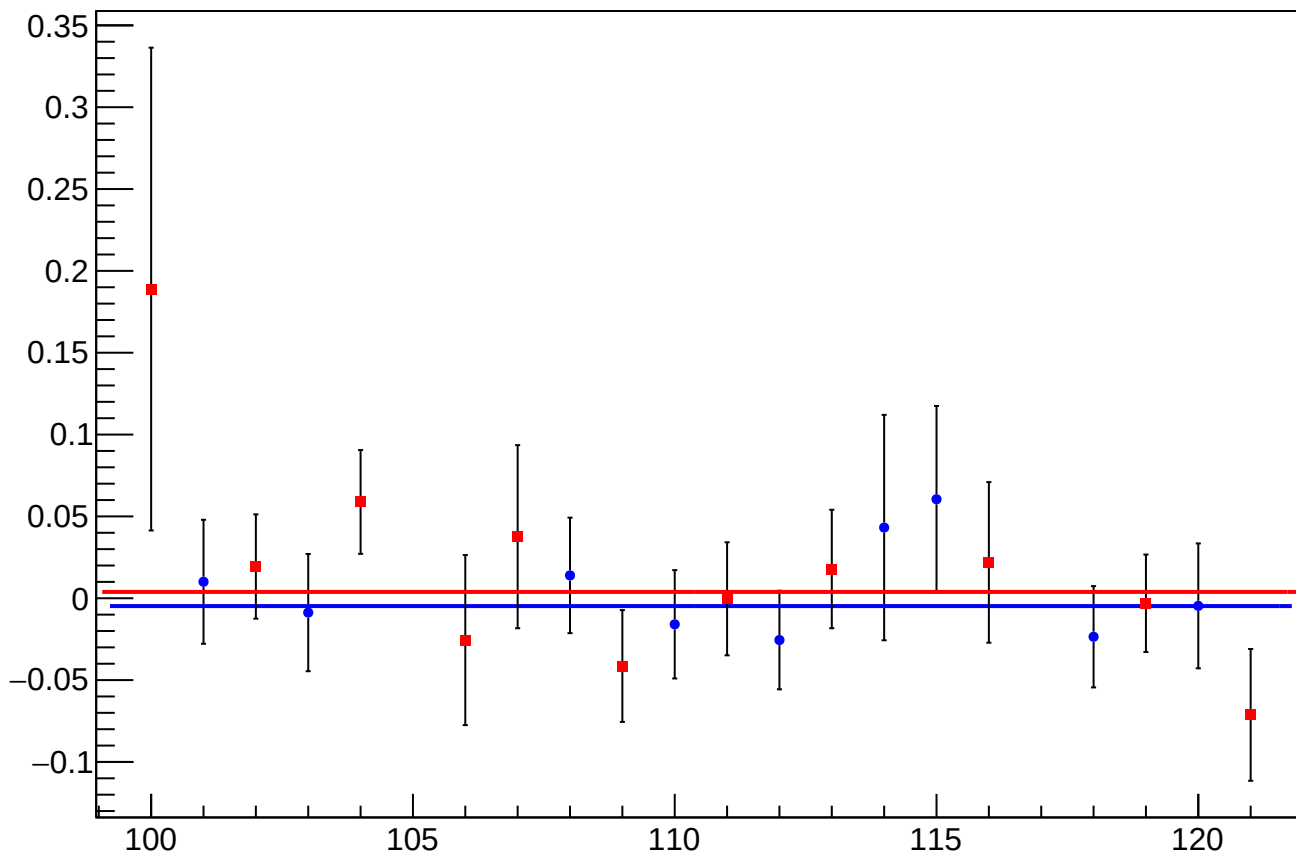
Right: 0.000+/-0.000 χ^2/NDF : 1365968.3/19

In: 0.000+/-0.000 χ^2/NDF : 582755.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1365968.3/19

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

Right Out: 0.004 $\pm$ 0.012 χ^2 /NDF: 11.1/10

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

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

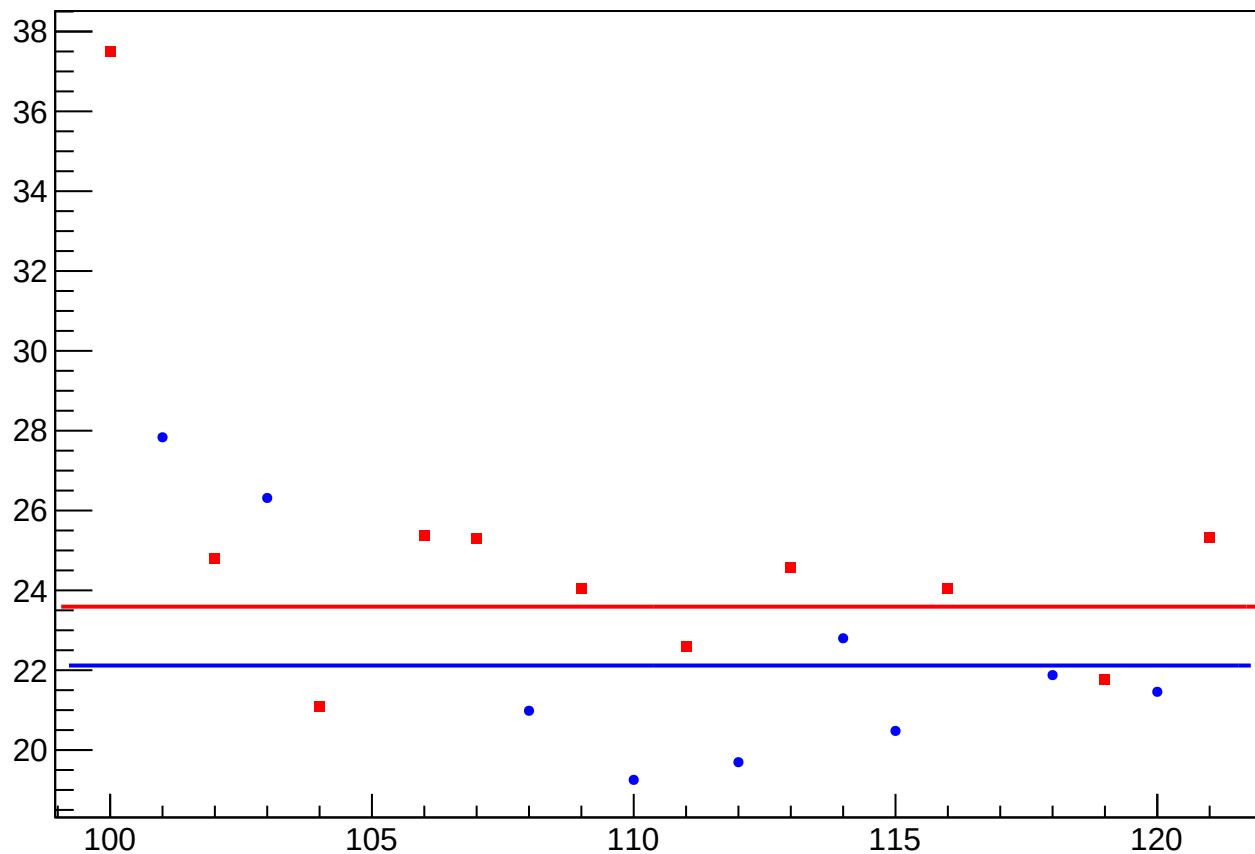
Right: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117+/-0.009 χ^2/NDF : 105587.7/8

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

Right Out: 23.592+/-0.008 χ^2/NDF : 52347.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

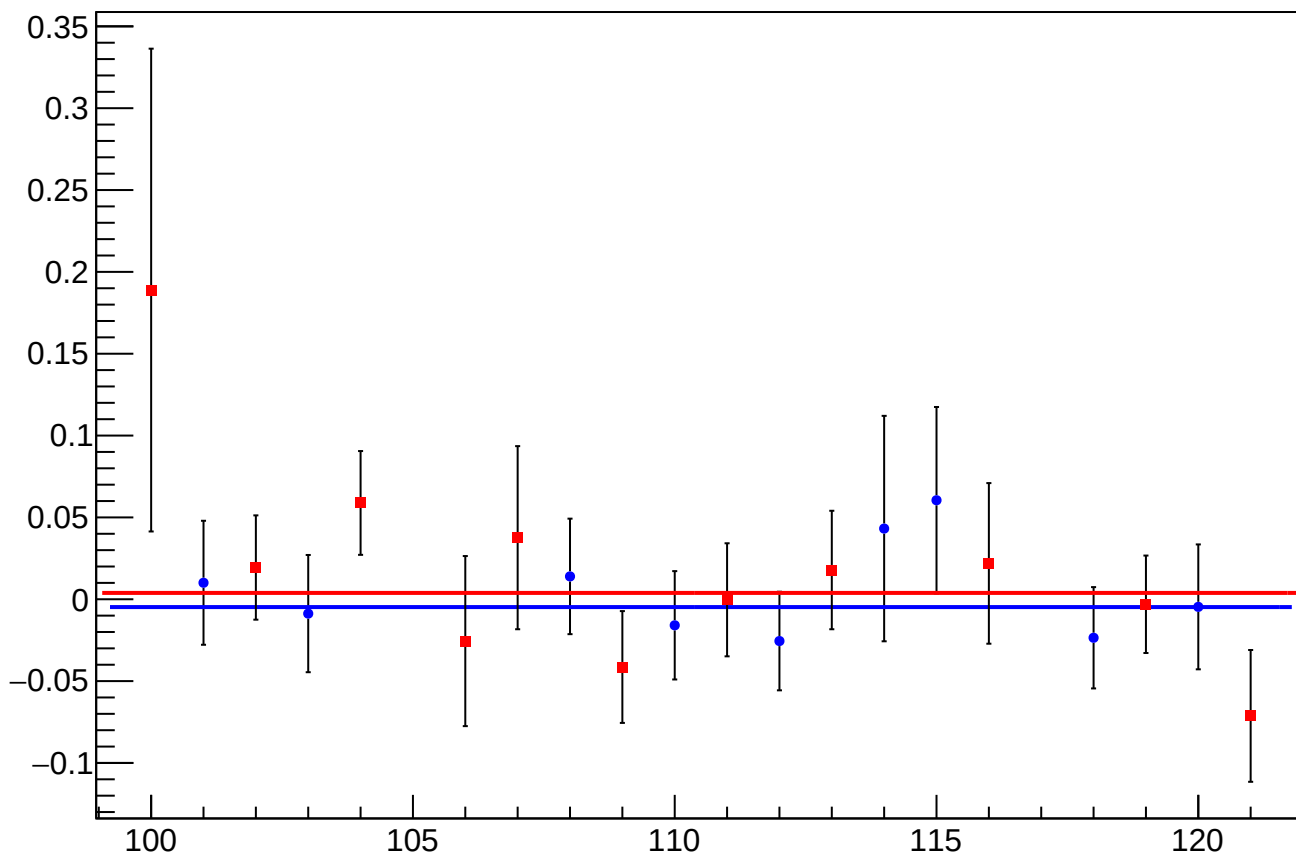
Right: 22.897+/-0.006 χ^2/NDF : 172983.0/19

In: 22.117+/-0.009 χ^2/NDF :105587.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.897+/-0.006 χ^2/NDF : 172983.0/19

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

Right Out: 0.004 $\pm$ 0.012 χ^2 /NDF: 11.1/10

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

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

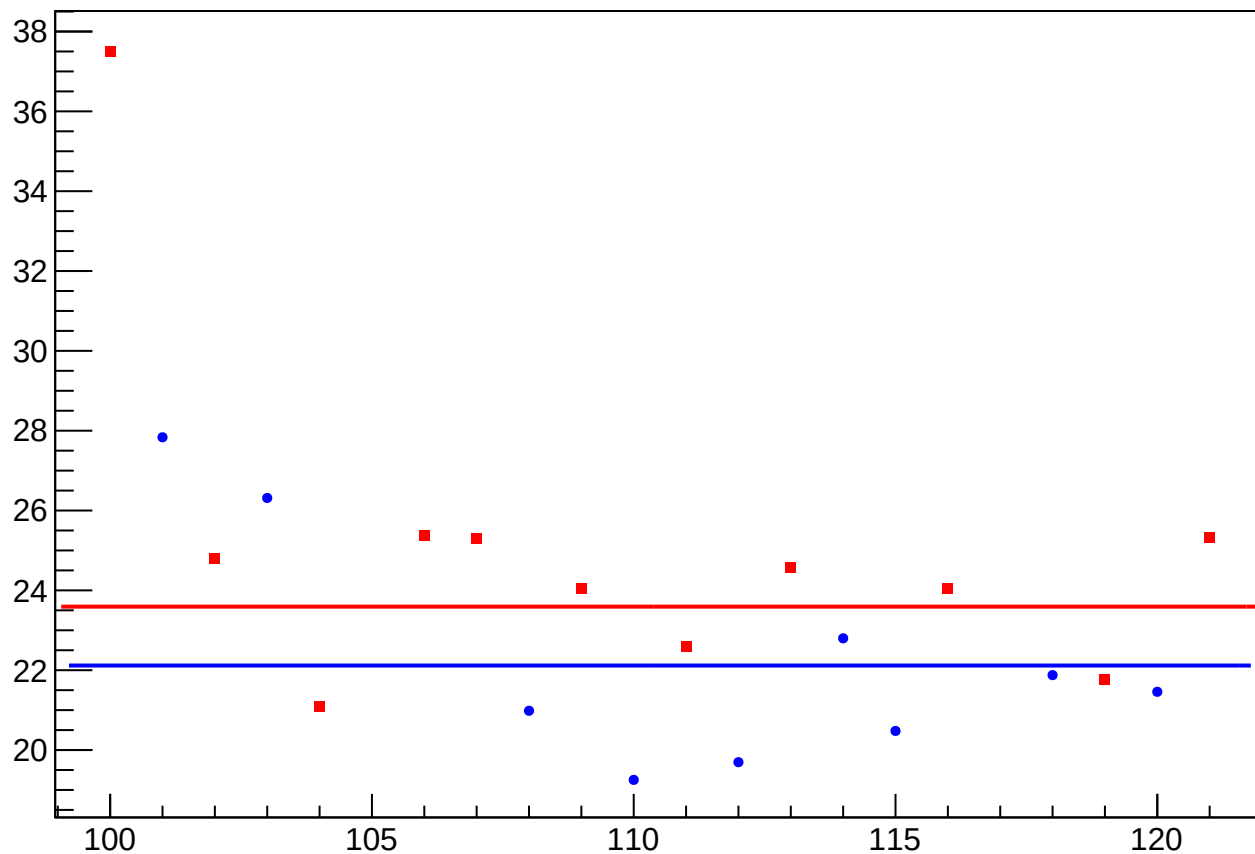
Right: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117 $\pm$ 0.009 χ^2 /NDF: 105587.7/8

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

Right Out: 23.592 $\pm$ 0.008 χ^2 /NDF: 52347.1/10

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

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

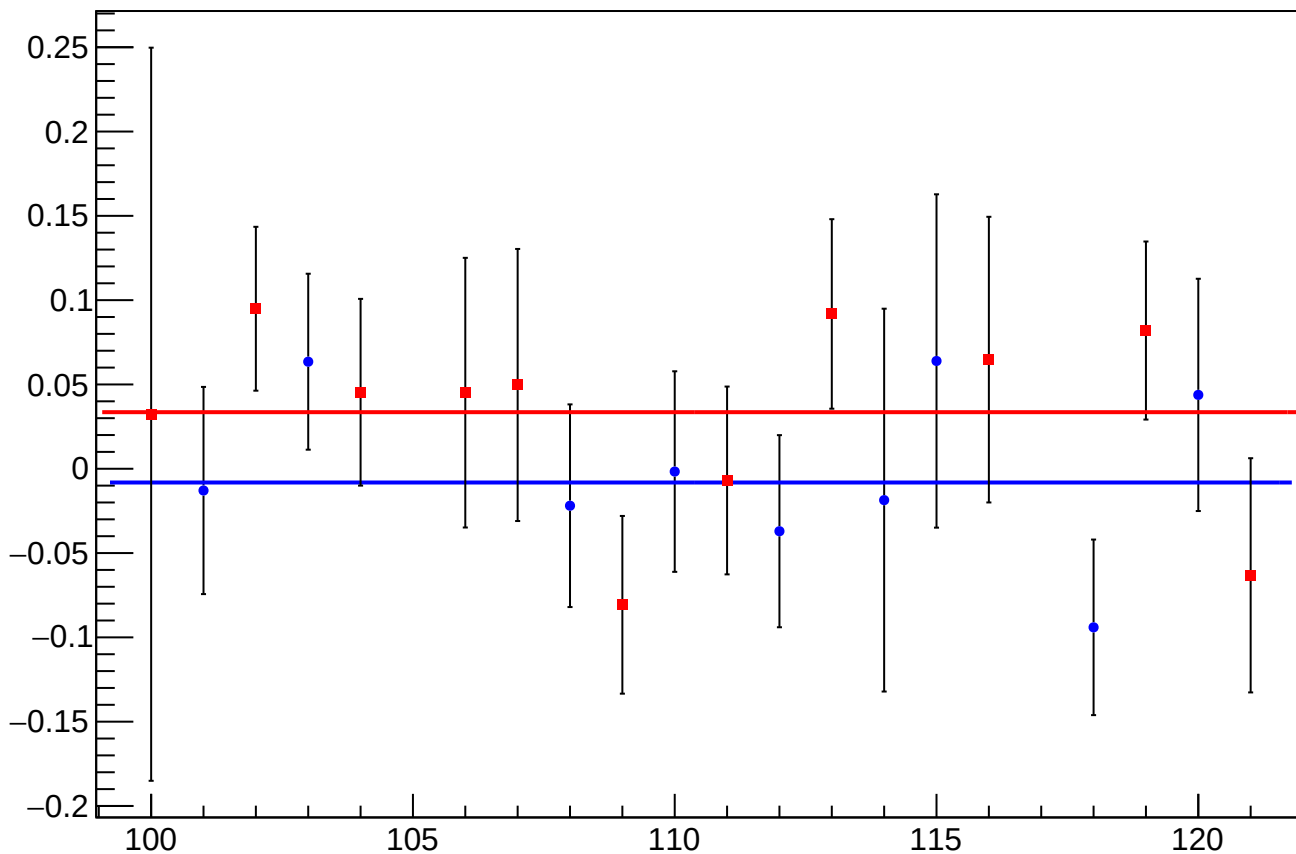
Right: 22.897 $\pm$ 0.006 χ^2 /NDF: 172983.0/19

In: 22.117 $\pm$ 0.009 χ^2 /NDF:105587.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.897 $\pm$ 0.006 χ^2 /NDF: 172983.0/19

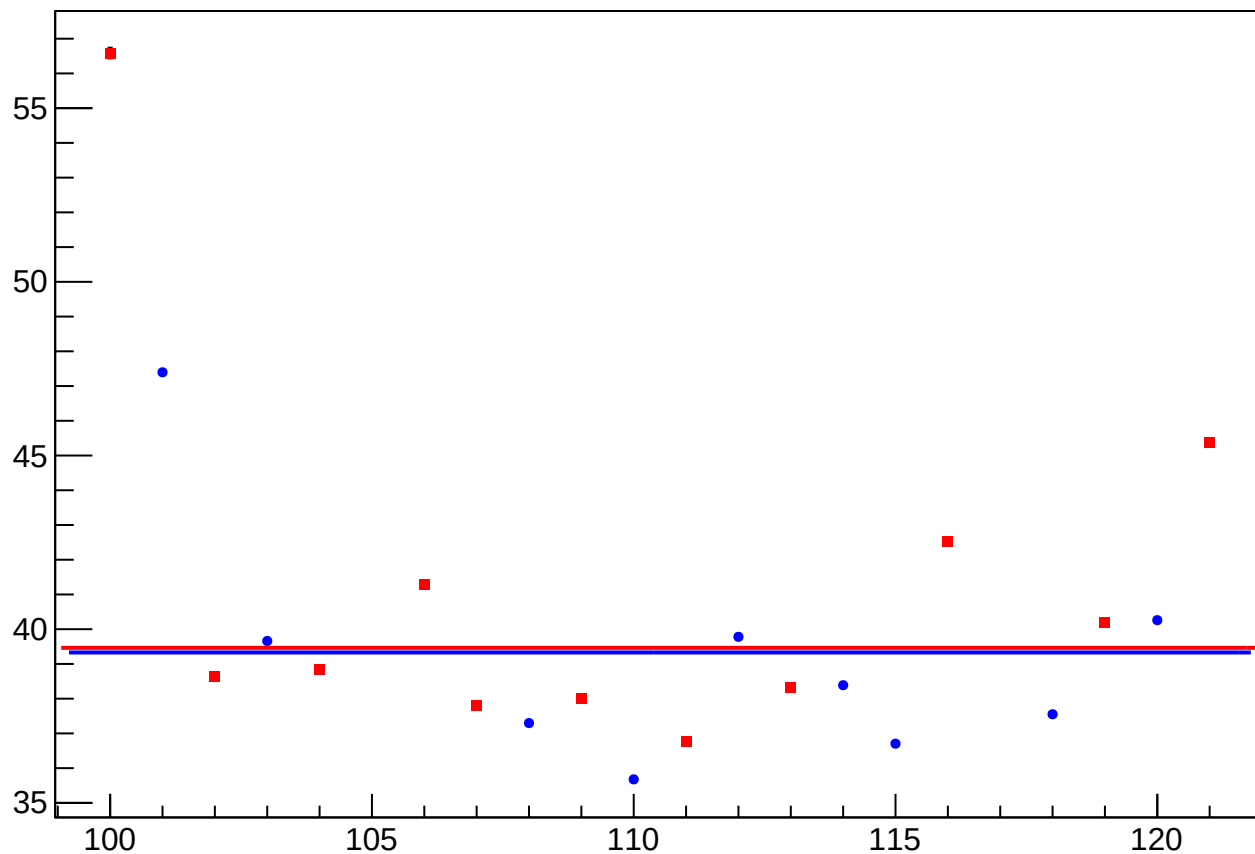
asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.021 χ^2/NDF : 6.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.034+/-0.019 χ^2/NDF : 10.9/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.015+/-0.014 χ^2/NDF : 19.1/19
 In: -0.008+/-0.021 χ^2/NDF :6.0/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.015+/-0.014 χ^2/NDF : 19.1/19

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.330+/-0.015 χ^2/NDF : 48744.5/8

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

Right Out: 39.463+/-0.013 χ^2/NDF : 39687.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

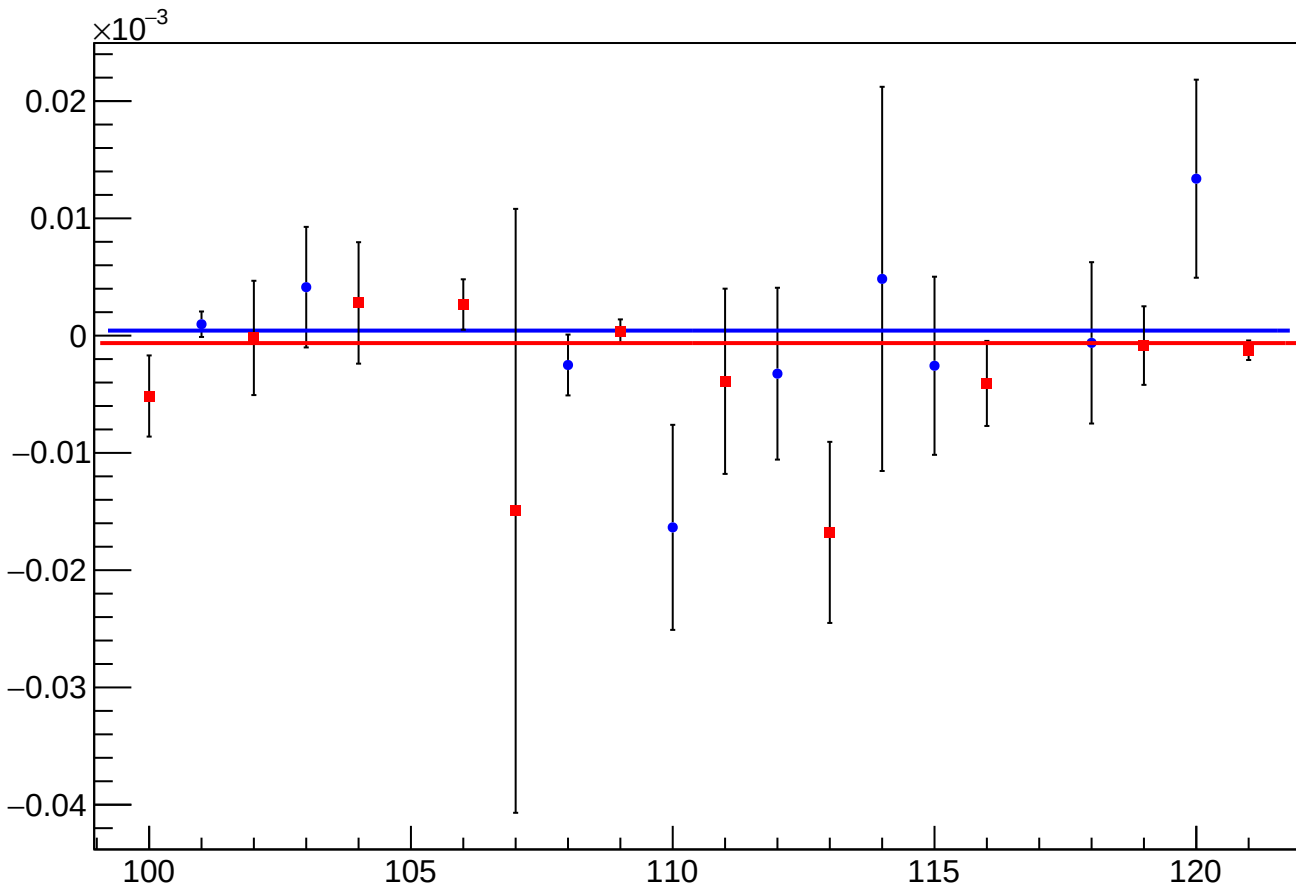
Right: 39.404+/-0.010 χ^2/NDF : 88476.1/19

In: 39.330+/-0.015 χ^2/NDF : 48744.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.404+/-0.010 χ^2/NDF : 88476.1/19

asym us dd eigen dit vs dit diff mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

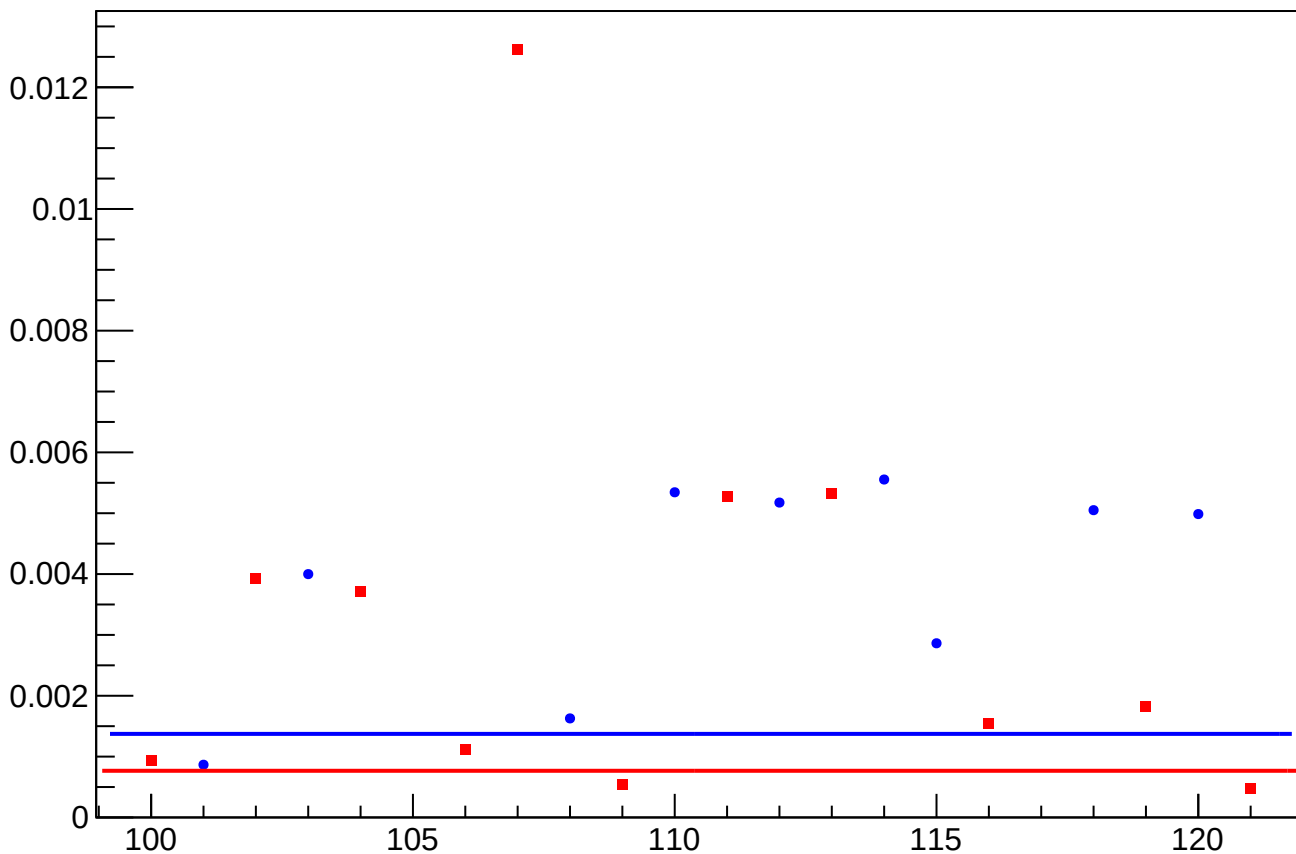
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.3/19

In: 0.000+/-0.000 χ^2 /NDF:8.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.3/19

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3072355.6/8

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3956301.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

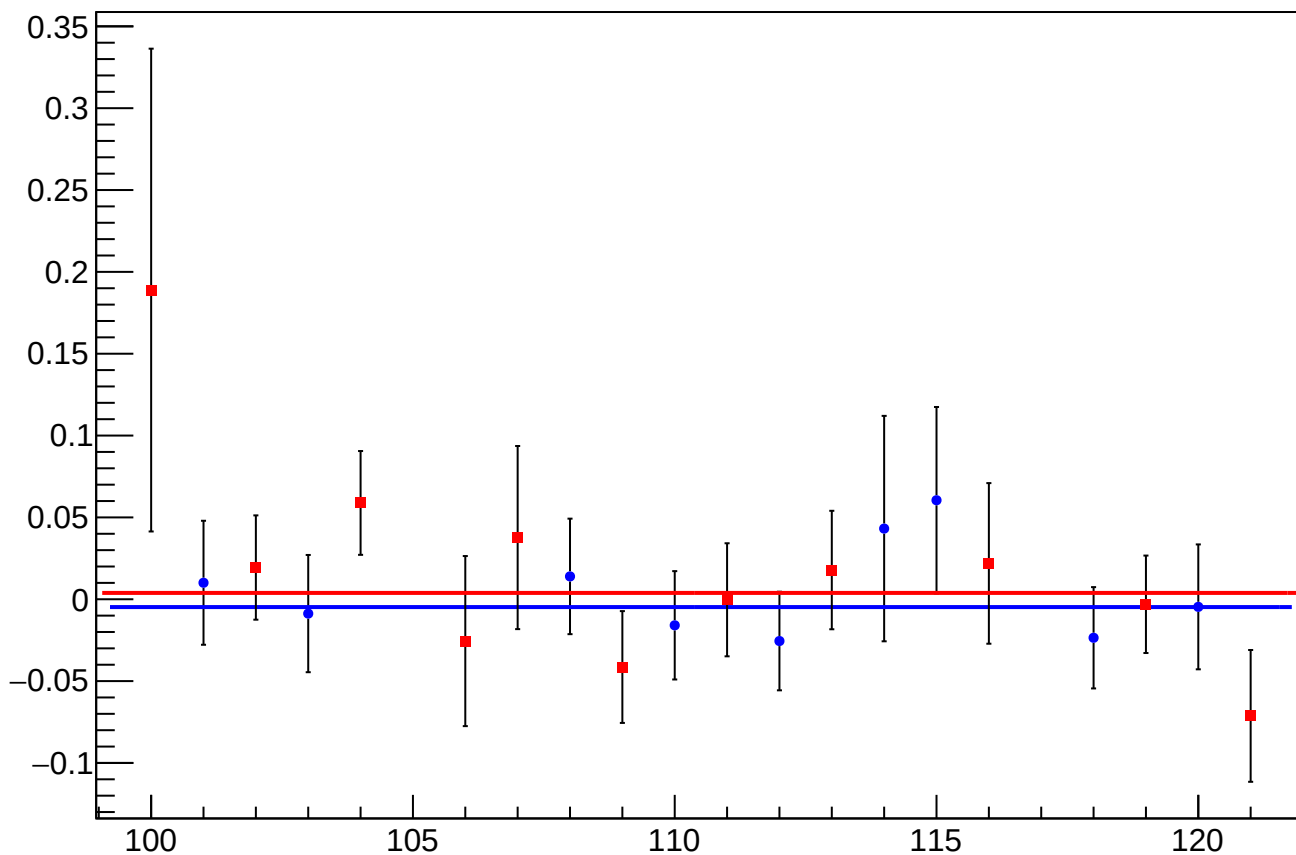
Right: 0.001+/-0.000 χ^2/NDF : 7630565.2/19

In: 0.001+/-0.000 χ^2/NDF :3072355.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7630565.2/19

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

Right Out: 0.004 $\pm$ 0.012 χ^2 /NDF: 11.1/10

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

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

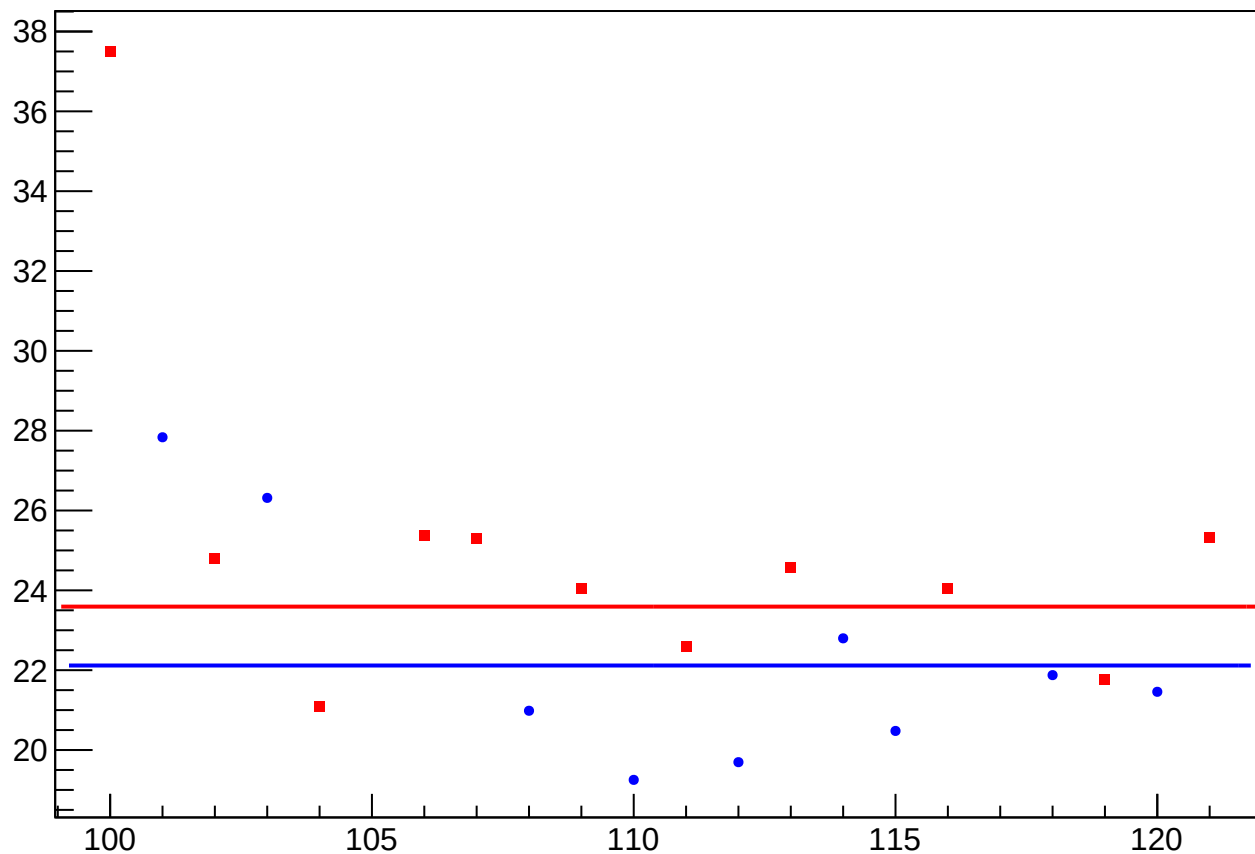
Right: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

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

Right Out: 23.592+/-0.008 χ^2/NDF : 52348.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

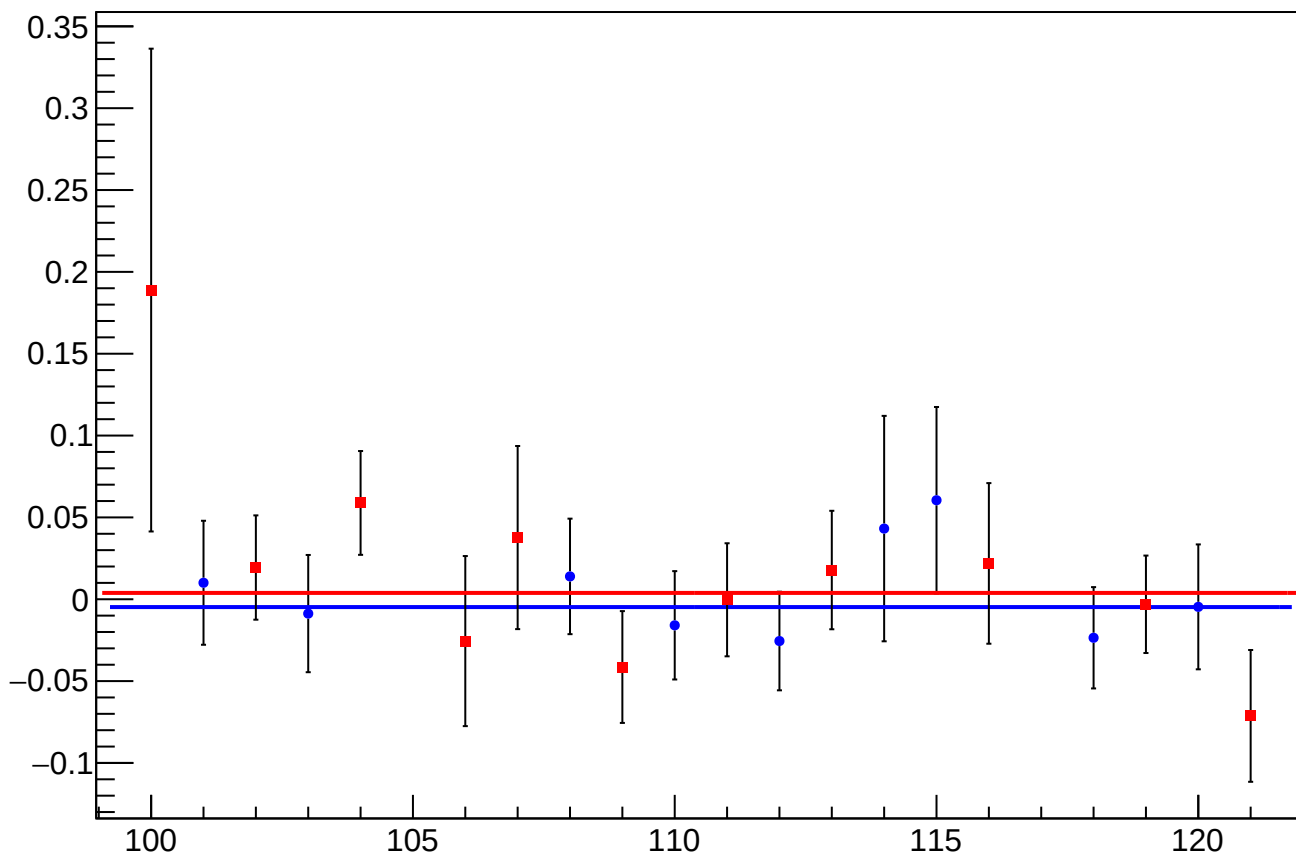
Right: 22.897+/-0.006 χ^2/NDF : 173033.3/19

In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.897+/-0.006 χ^2/NDF : 173033.3/19

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

Right Out: 0.004 $\pm$ 0.012 χ^2 /NDF: 11.1/10

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

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

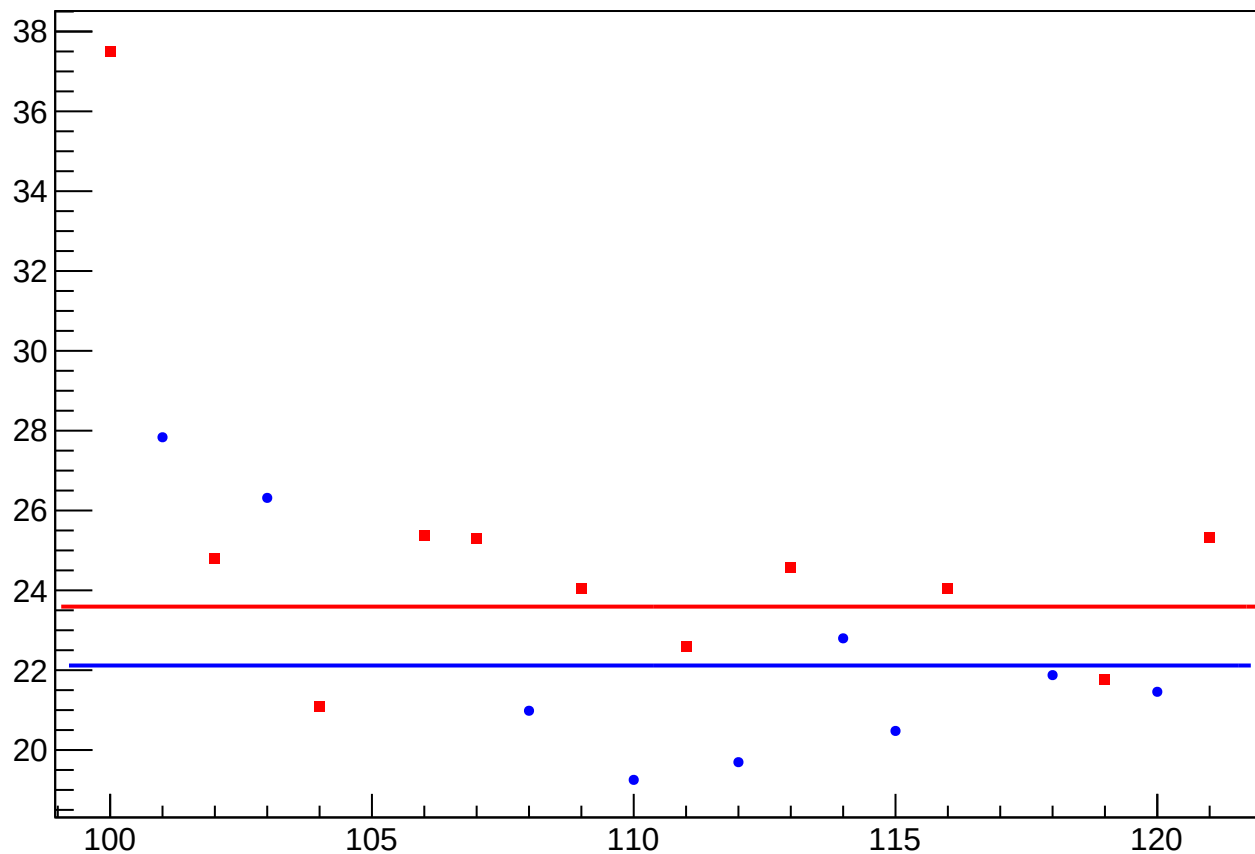
Right: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.008 χ^2 /NDF: 14.6/19

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

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

Right Out: 23.592+/-0.008 χ^2/NDF : 52348.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

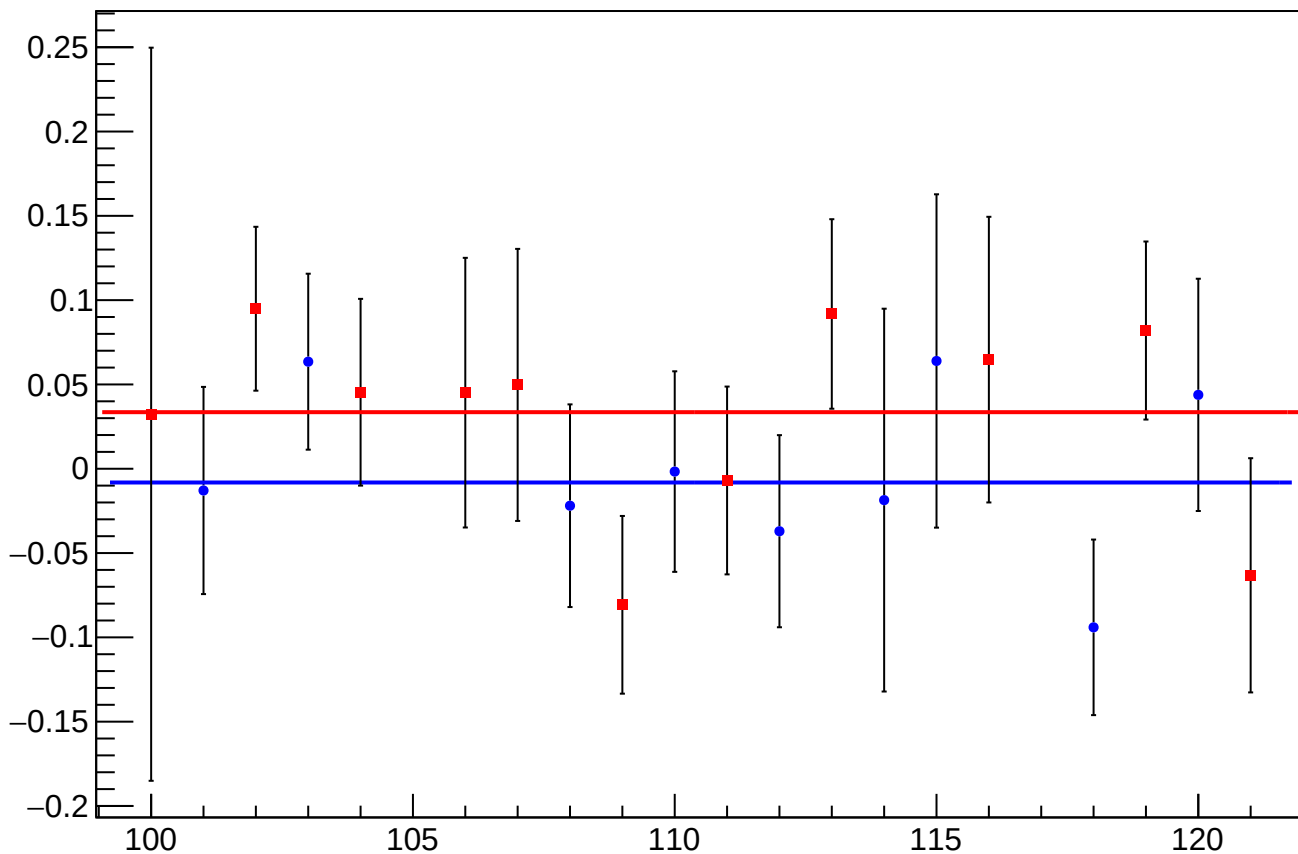
Right: 22.897+/-0.006 χ^2/NDF : 173033.3/19

In: 22.117+/-0.009 χ^2/NDF :105625.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.897+/-0.006 χ^2/NDF : 173033.3/19

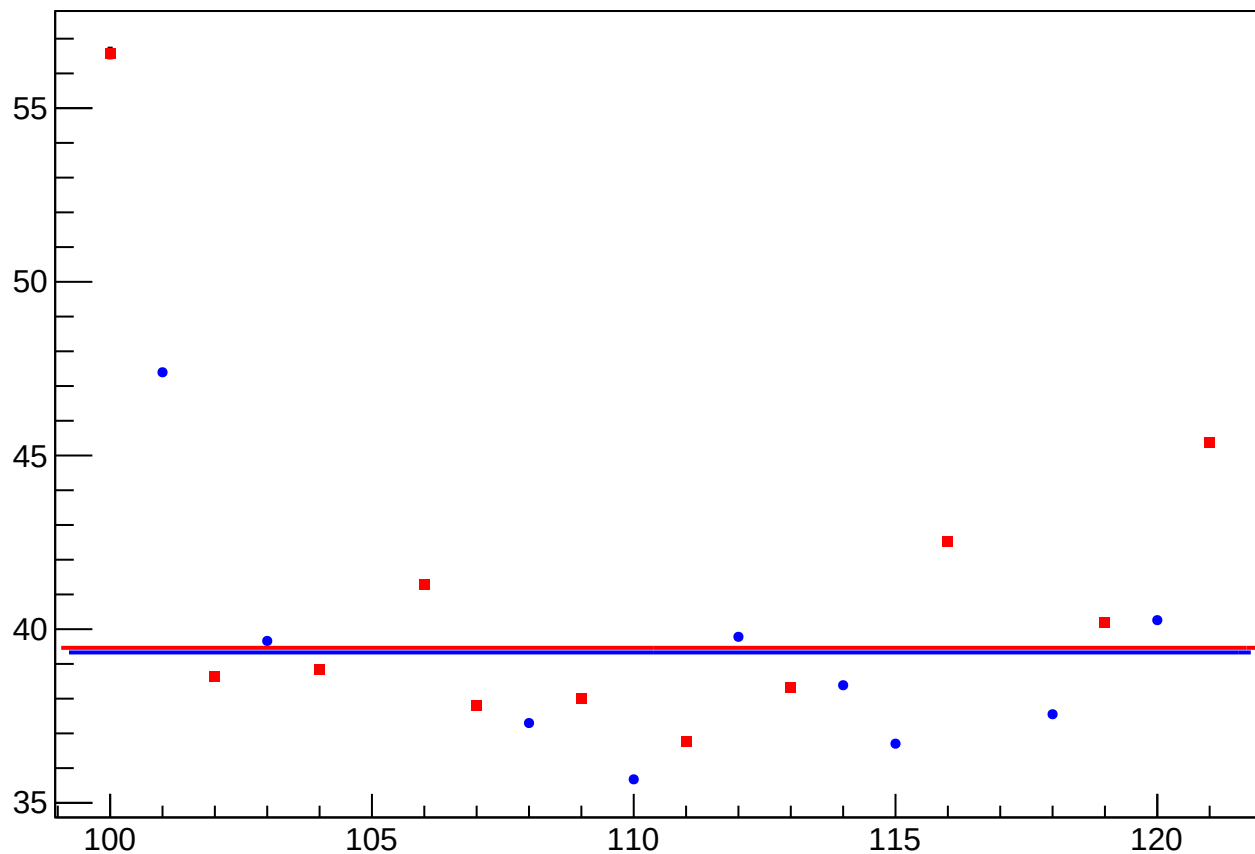
asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.021 χ^2/NDF : 6.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.034+/-0.019 χ^2/NDF : 10.9/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.015+/-0.014 χ^2/NDF : 19.1/19
 In: -0.008+/-0.021 χ^2/NDF :6.0/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.015+/-0.014 χ^2/NDF : 19.1/19

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.330+/-0.015 χ^2/NDF : 48749.4/8

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

Right Out: 39.463+/-0.013 χ^2/NDF : 39685.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

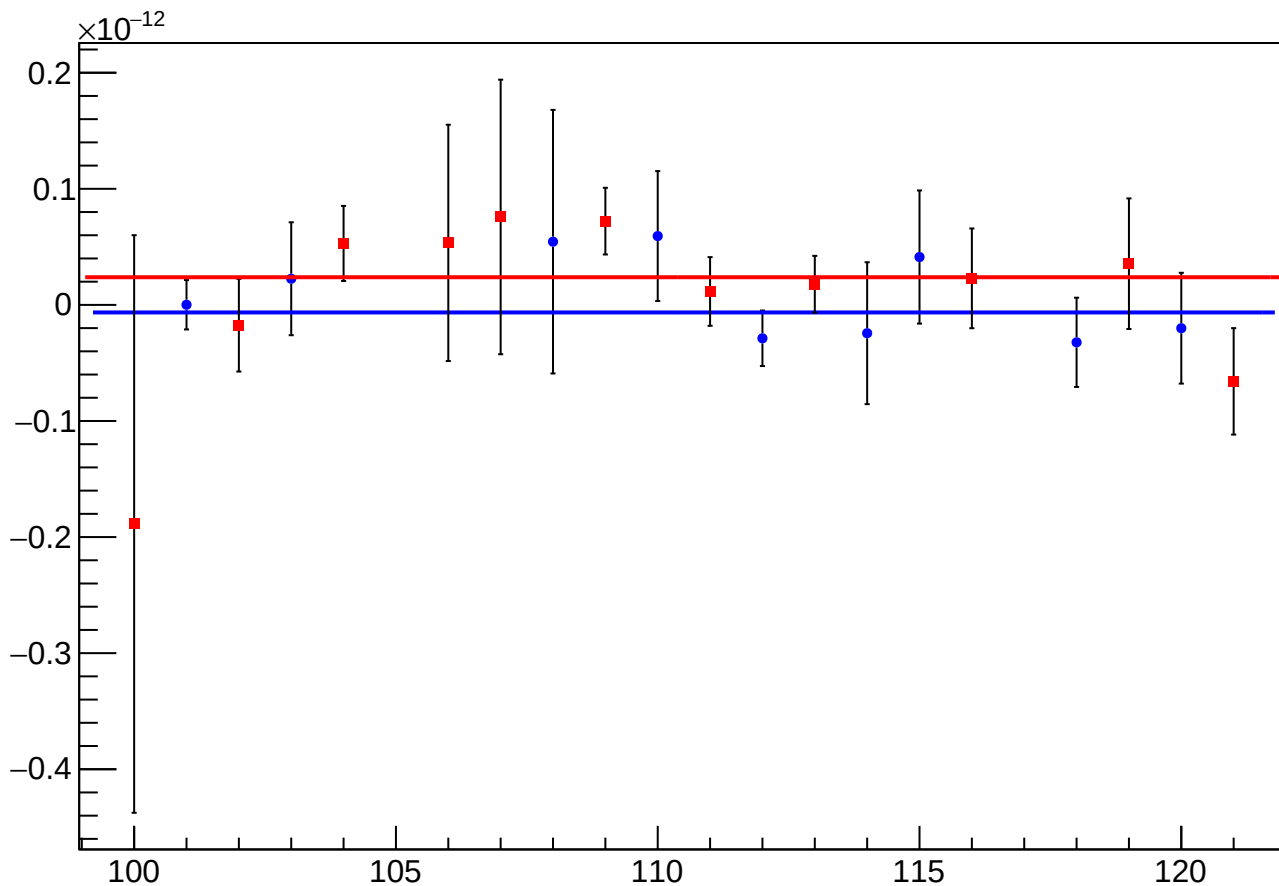
Right: 39.404+/-0.010 χ^2/NDF : 88479.7/19

In: 39.330+/-0.015 χ^2/NDF : 48749.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.404+/-0.010 χ^2/NDF : 88479.7/19

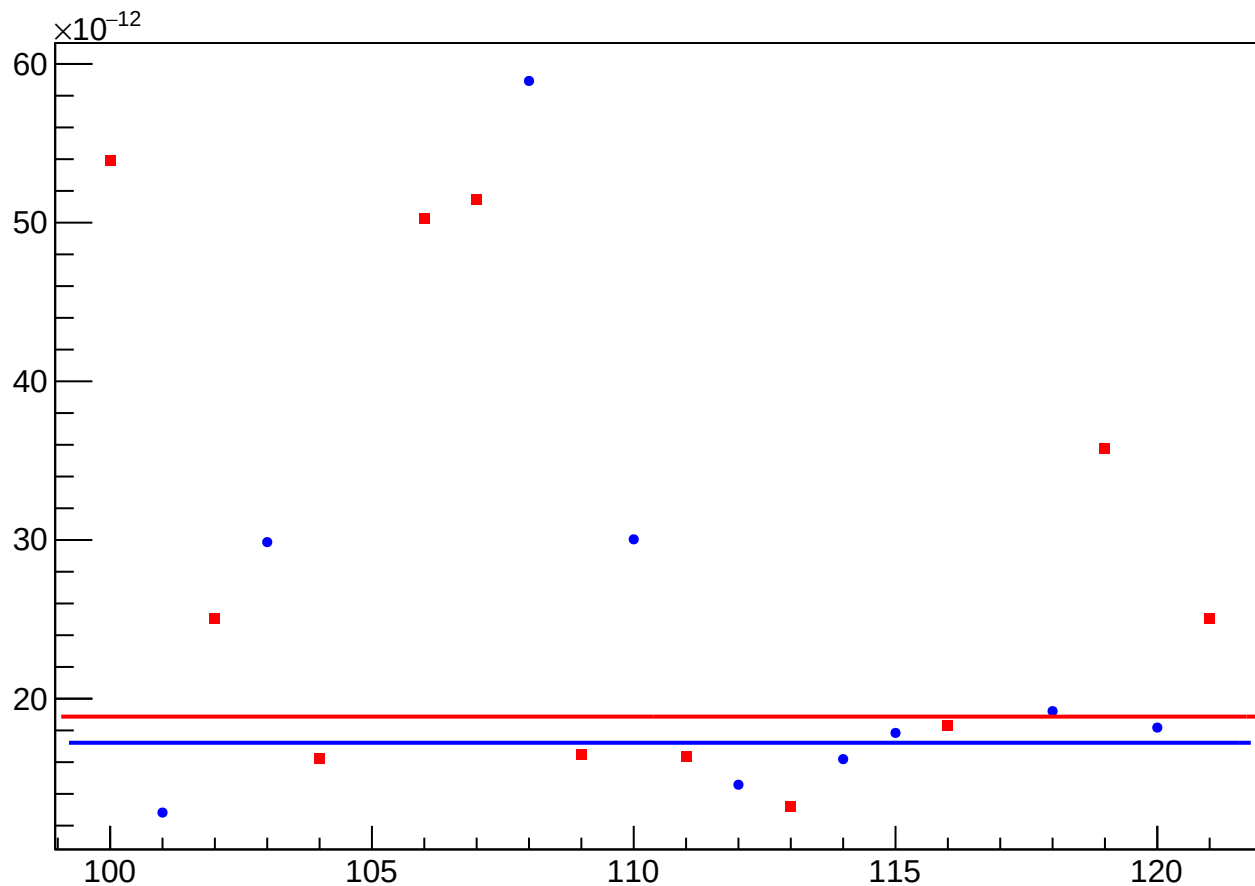
asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.3/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 9.8/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 17.2/19
 In: -0.000+/-0.000 χ^2 /NDF:4.3/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 17.2/19

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627072.6/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 796070.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

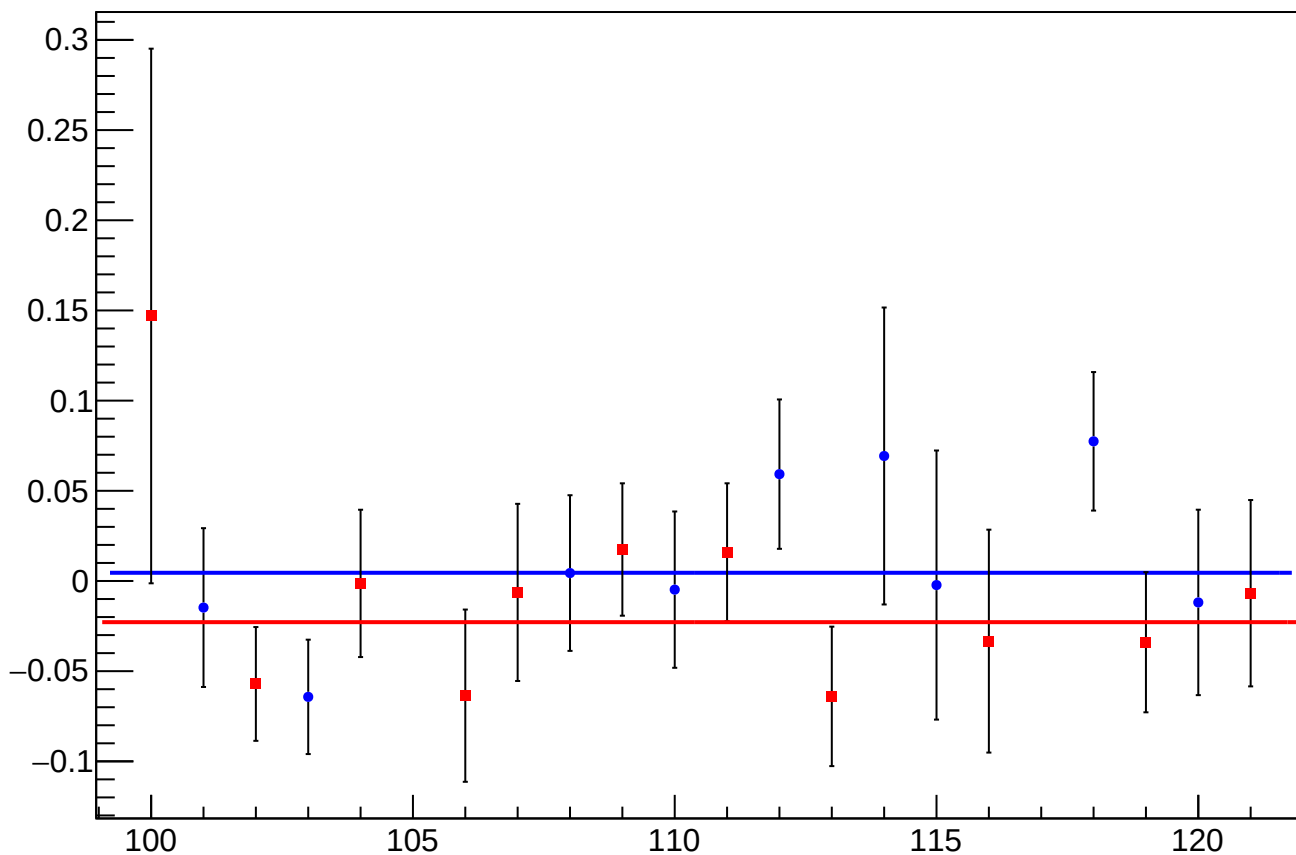
Right: 0.000+/-0.000 χ^2/NDF : 1441540.9/19

In: 0.000+/-0.000 χ^2/NDF : 627072.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1441540.9/19

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.015 χ^2/NDF : 11.0/8

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

Right Out: -0.023+/-0.013 χ^2/NDF : 7.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

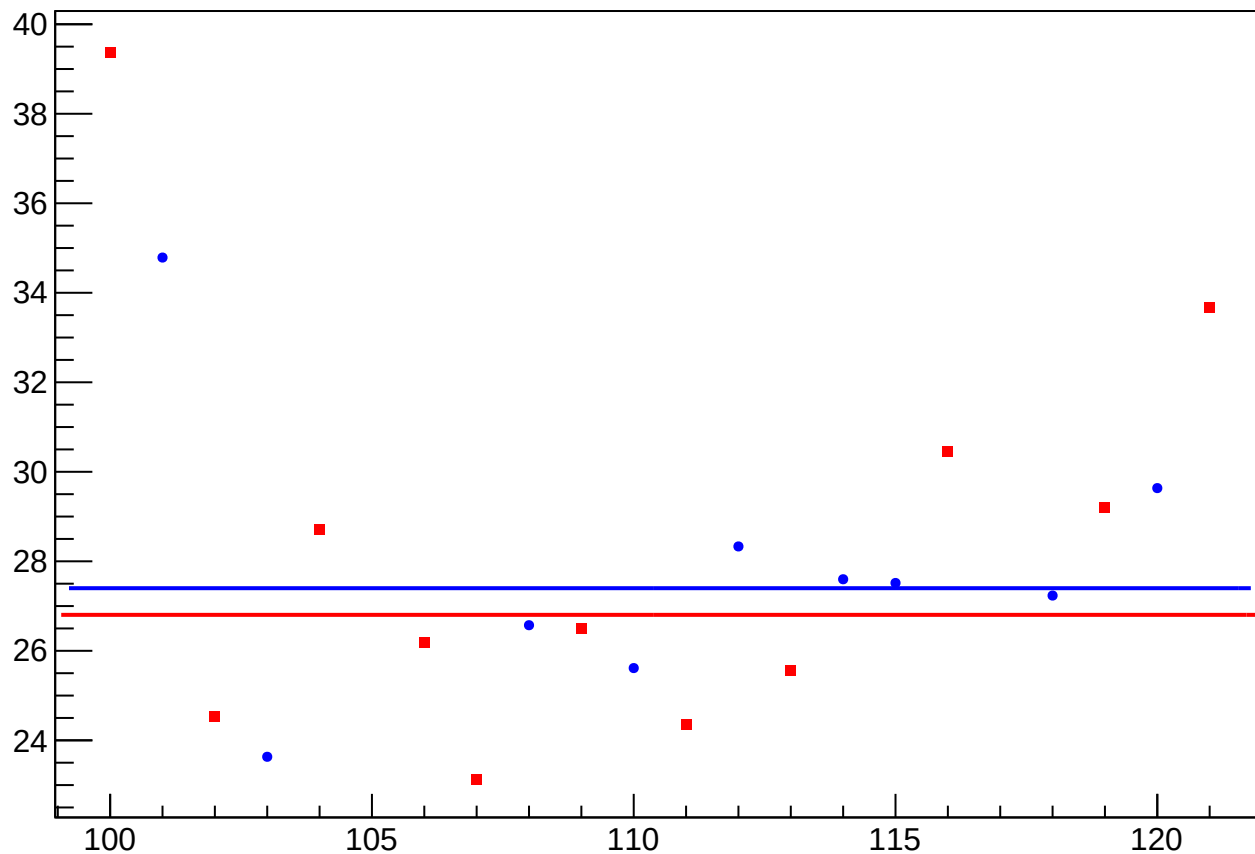
Right: -0.011+/-0.010 χ^2/NDF : 20.1/19

In: 0.005+/-0.015 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.1/19

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

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

Right Out: 26.804+/-0.009 χ^2/NDF : 100978.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

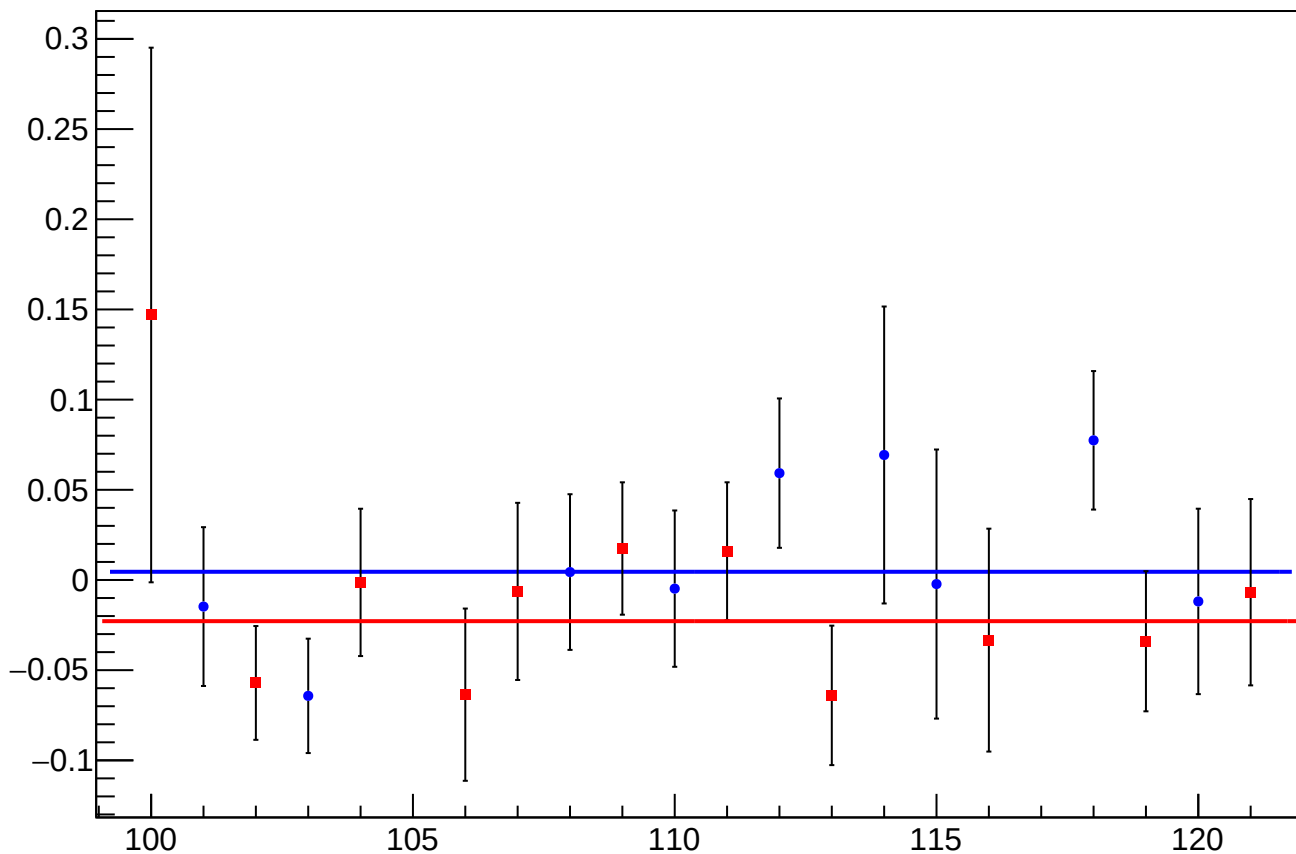
Right: 27.063+/-0.007 χ^2/NDF : 196316.7/19

In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.063+/-0.007 χ^2/NDF : 196316.7/19

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.015 χ^2 /NDF: 11.0/8

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

Right Out: -0.023 $\pm$ 0.013 χ^2 /NDF: 7.2/10

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

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

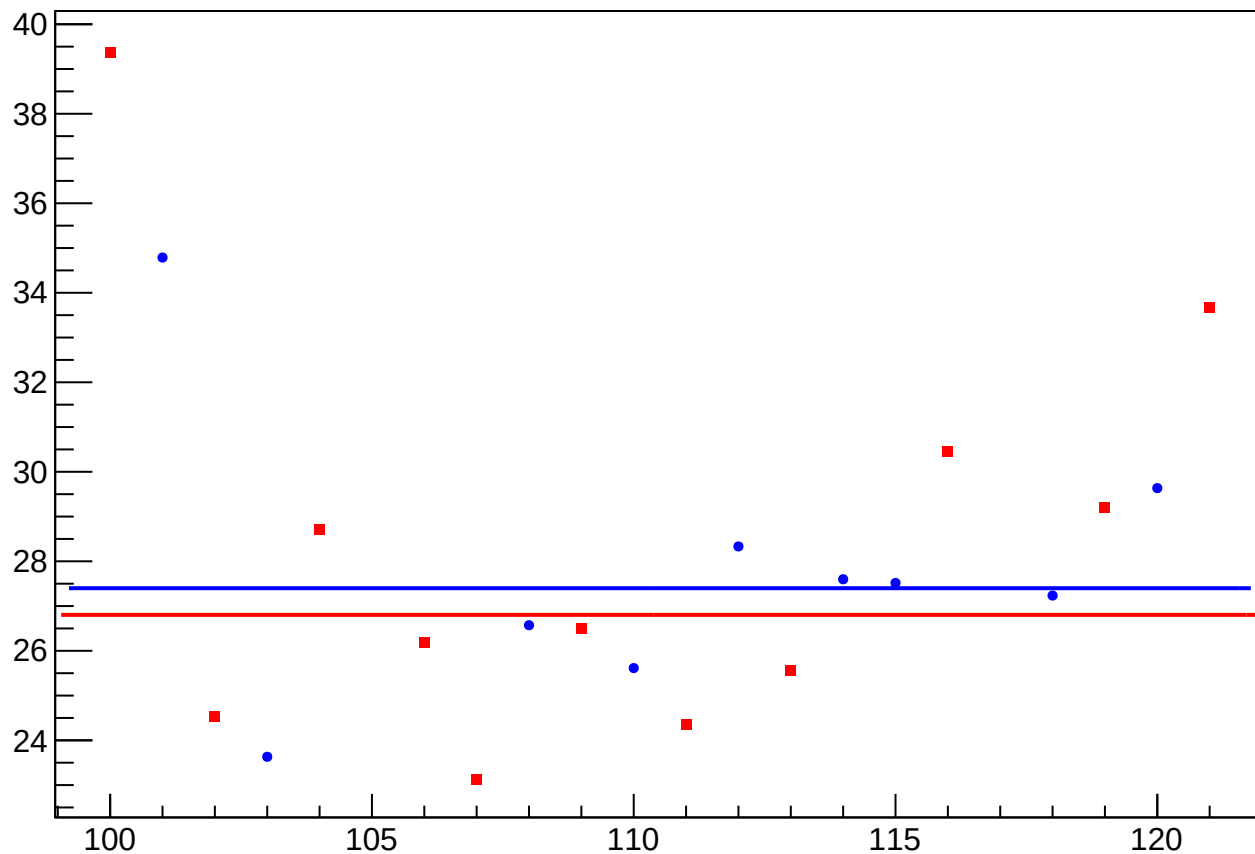
Right: -0.011 $\pm$ 0.010 χ^2 /NDF: 20.1/19

In: 0.005 $\pm$ 0.015 χ^2 /NDF:11.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.010 χ^2 /NDF: 20.1/19

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

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

Right Out: 26.804+/-0.009 χ^2/NDF : 100978.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

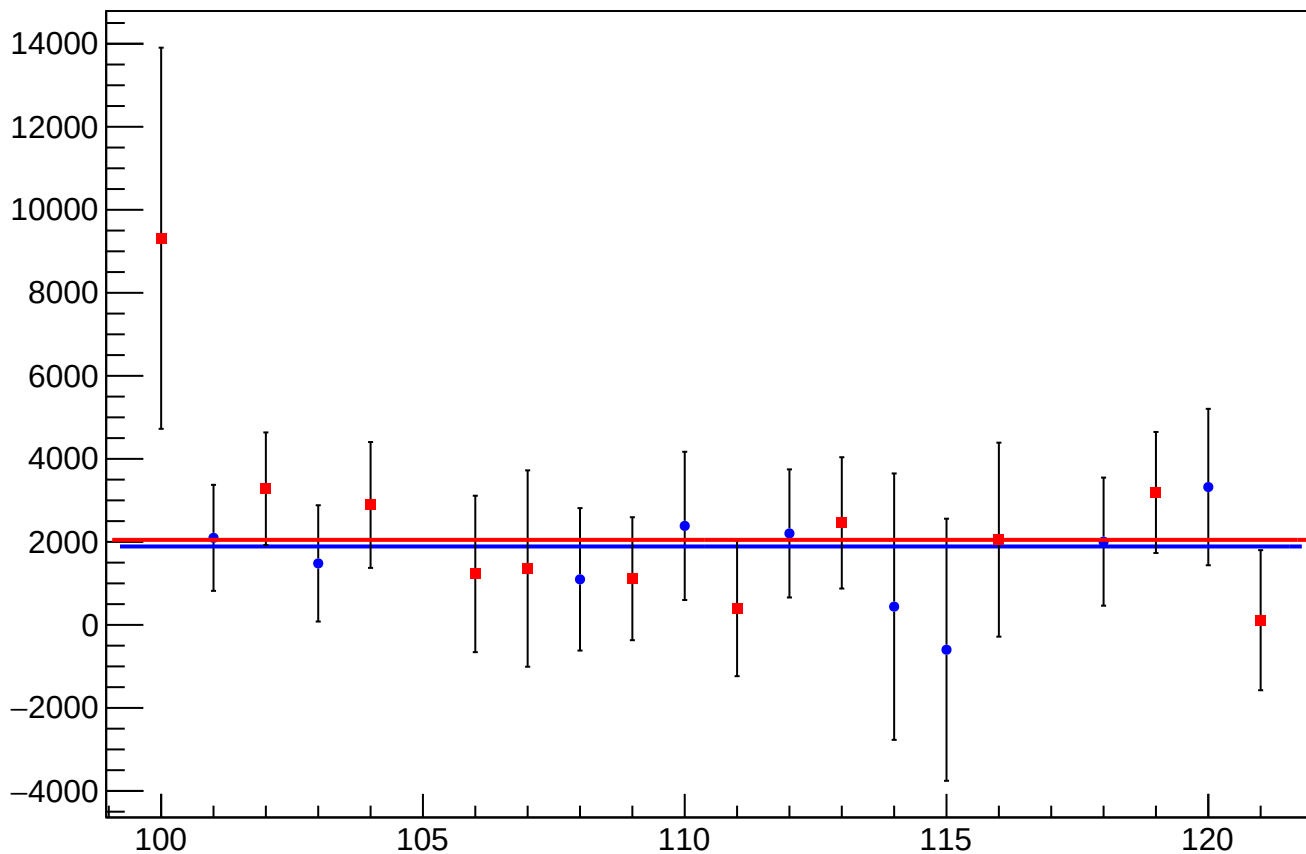
Right: 27.063+/-0.007 χ^2/NDF : 196316.7/19

In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.063+/-0.007 χ^2/NDF : 196316.7/19

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

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

Right Out: 2048.632+/-518.230 χ^2/NDF : 7.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

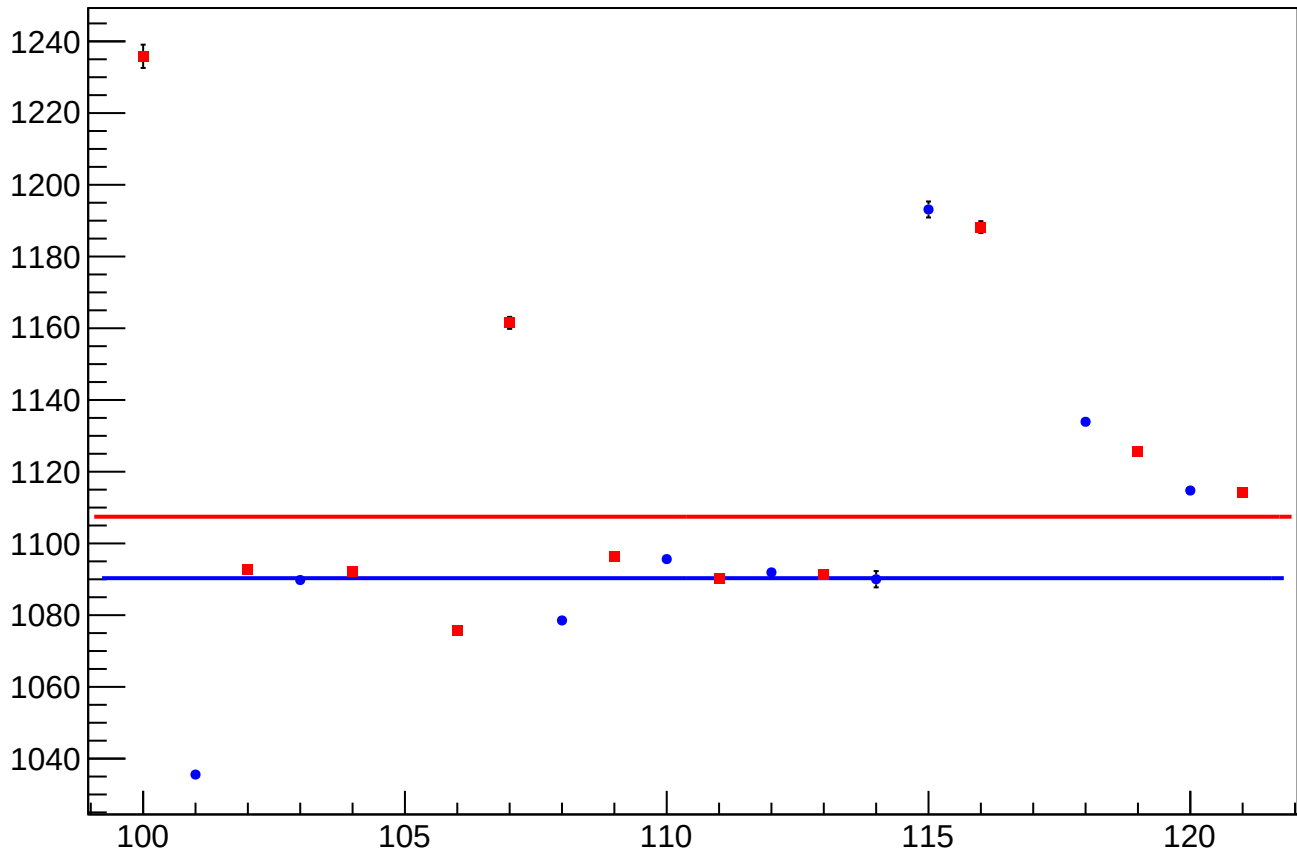
Right: 1976.311+/-382.951 χ^2/NDF : 9.2/19

In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.311+/-382.951 χ^2/NDF : 9.2/19

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

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

Right Out: 1107.450+/-0.366 χ^2/NDF : 6883.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

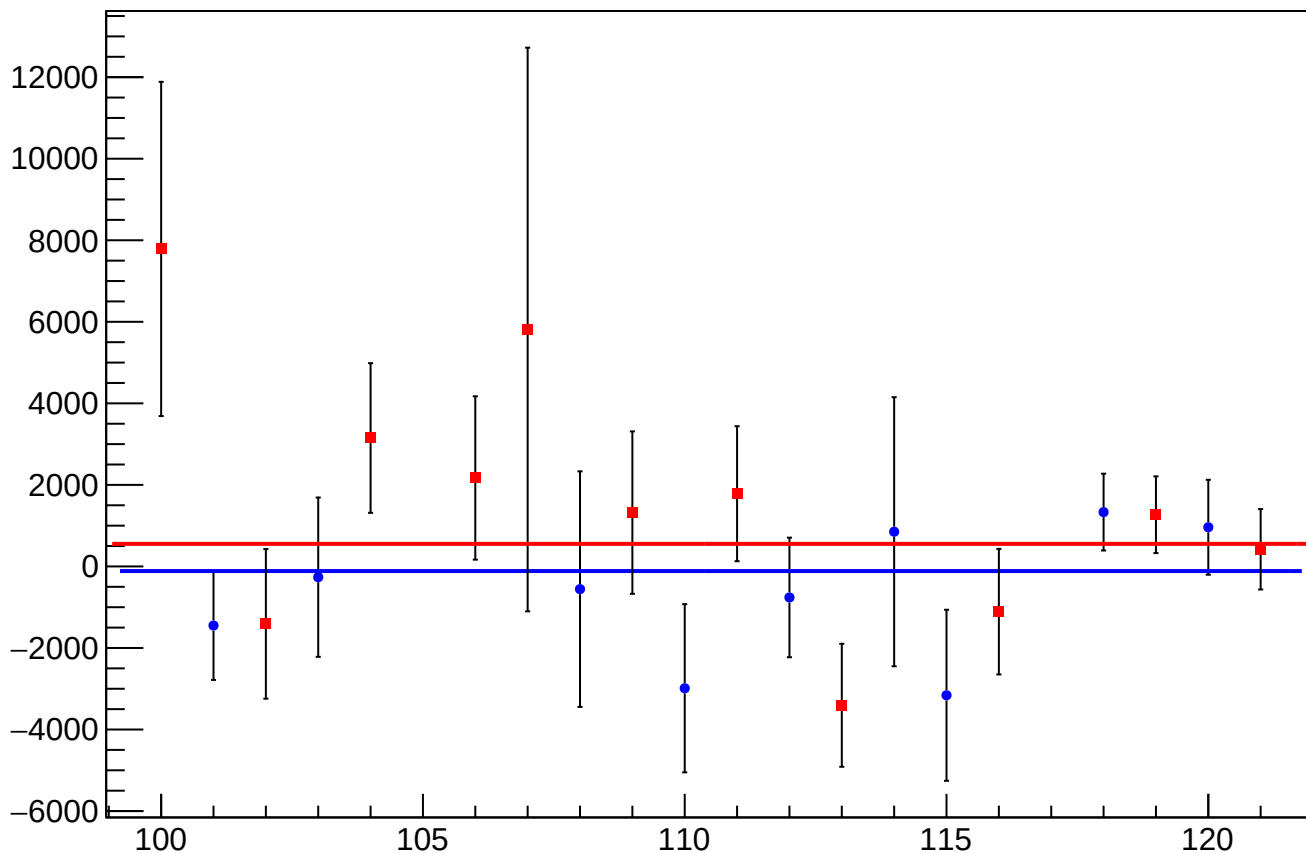
Right: 1099.670+/-0.271 χ^2/NDF : 15723.8/19

In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.670+/-0.271 χ^2/NDF : 15723.8/19

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -113.279+/-511.142 χ^2/NDF : 8.6/8

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

Right Out: 554.016+/-468.379 χ^2/NDF : 16.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

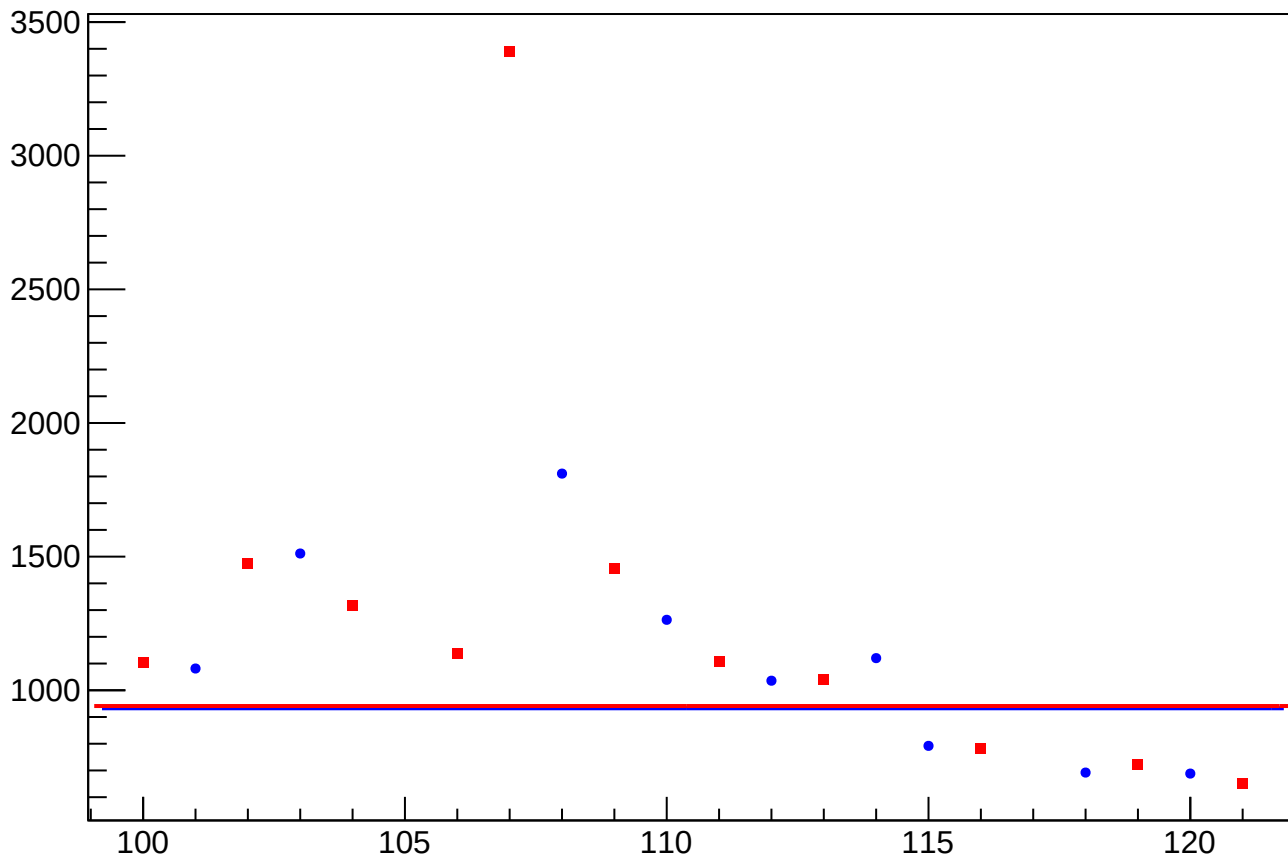
Right: 249.446+/-345.324 χ^2/NDF : 26.3/19

In: -113.279+/-511.142 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.446+/-345.324 χ^2/NDF : 26.3/19

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

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

Right Out: 941.062+/-0.331 χ^2/NDF : 989870.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

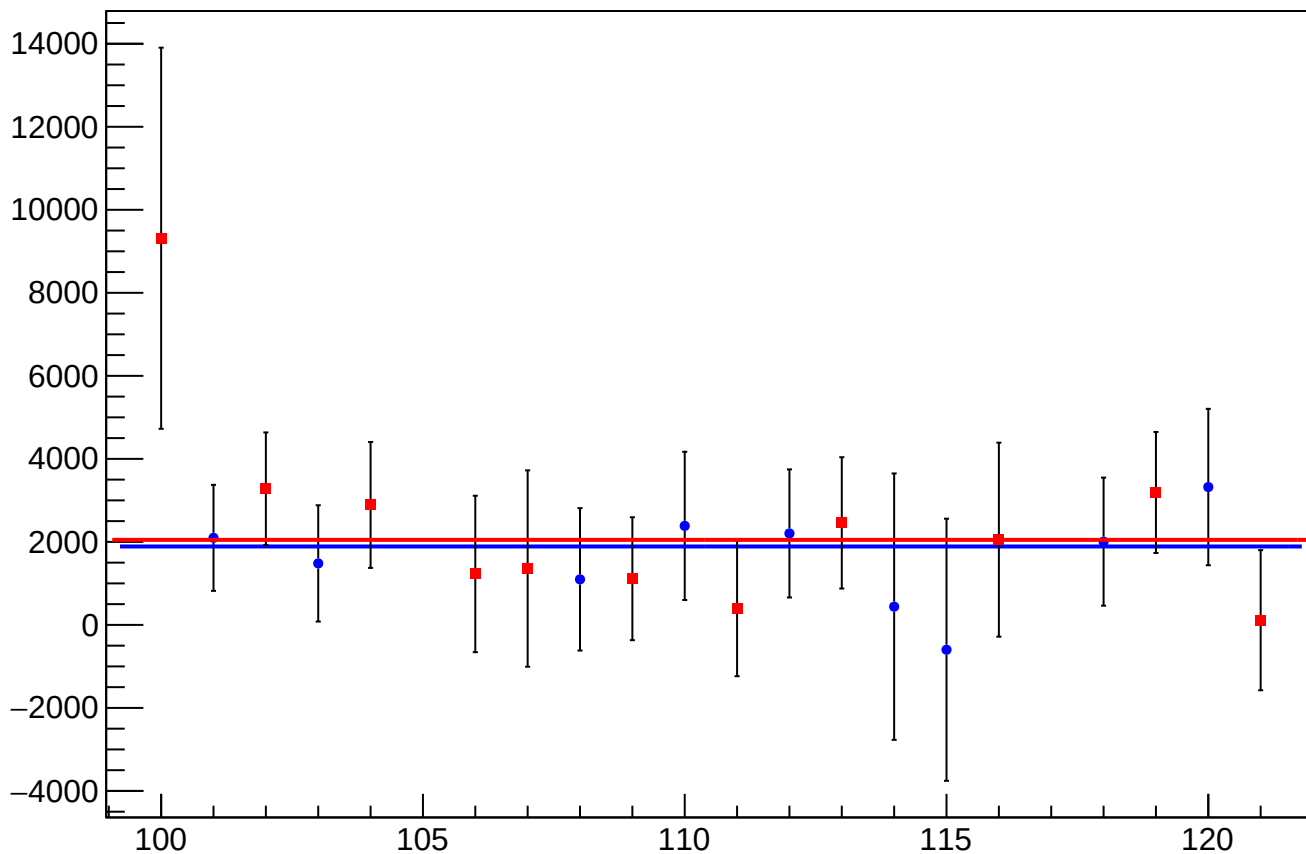
Right: 937.209+/-0.244 χ^2/NDF : 1670761.2/19

In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.209+/-0.244 χ^2/NDF : 1670761.2/19

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

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

Right Out: 2048.632+/-518.230 χ^2/NDF : 7.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

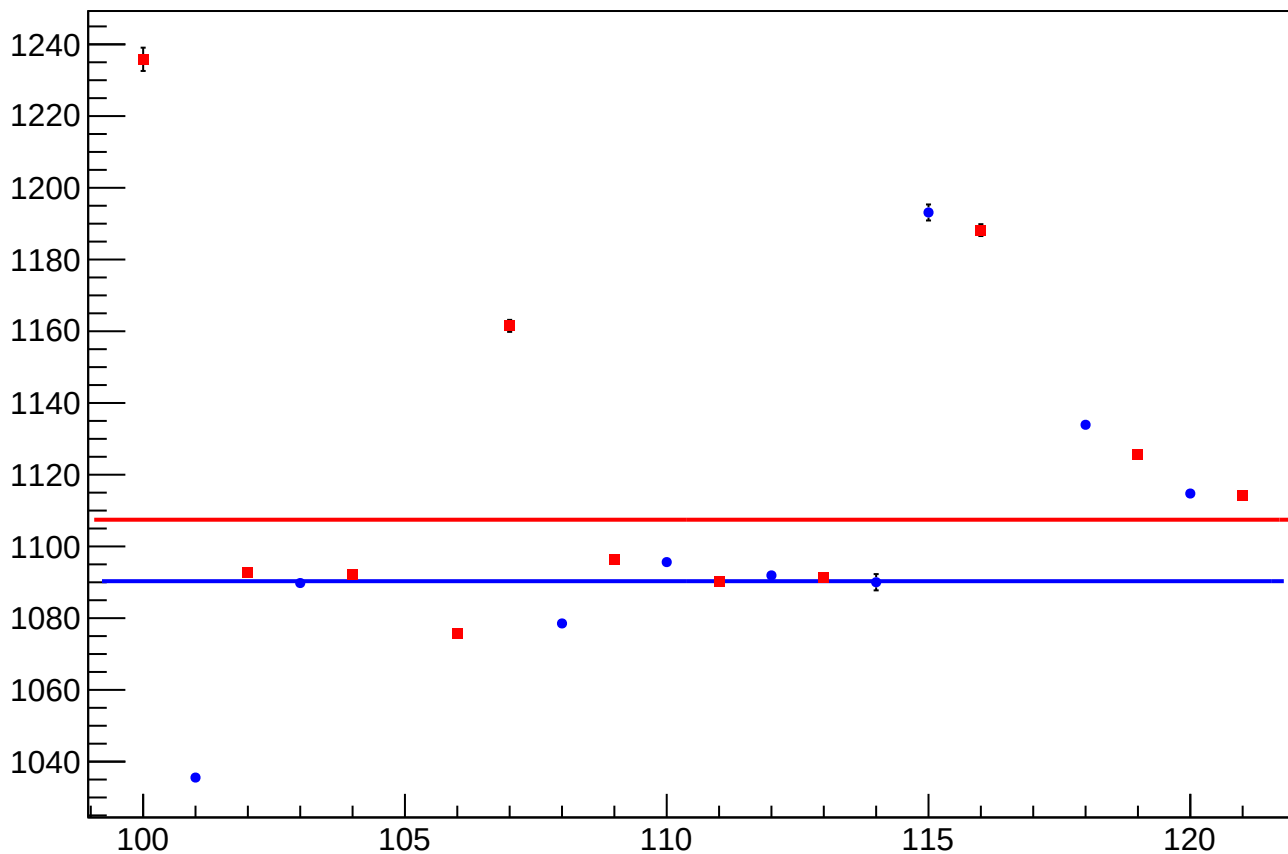
Right: 1976.311+/-382.951 χ^2/NDF : 9.2/19

In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.311+/-382.951 χ^2/NDF : 9.2/19

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

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

Right Out: 1107.450+/-0.366 χ^2/NDF : 6883.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

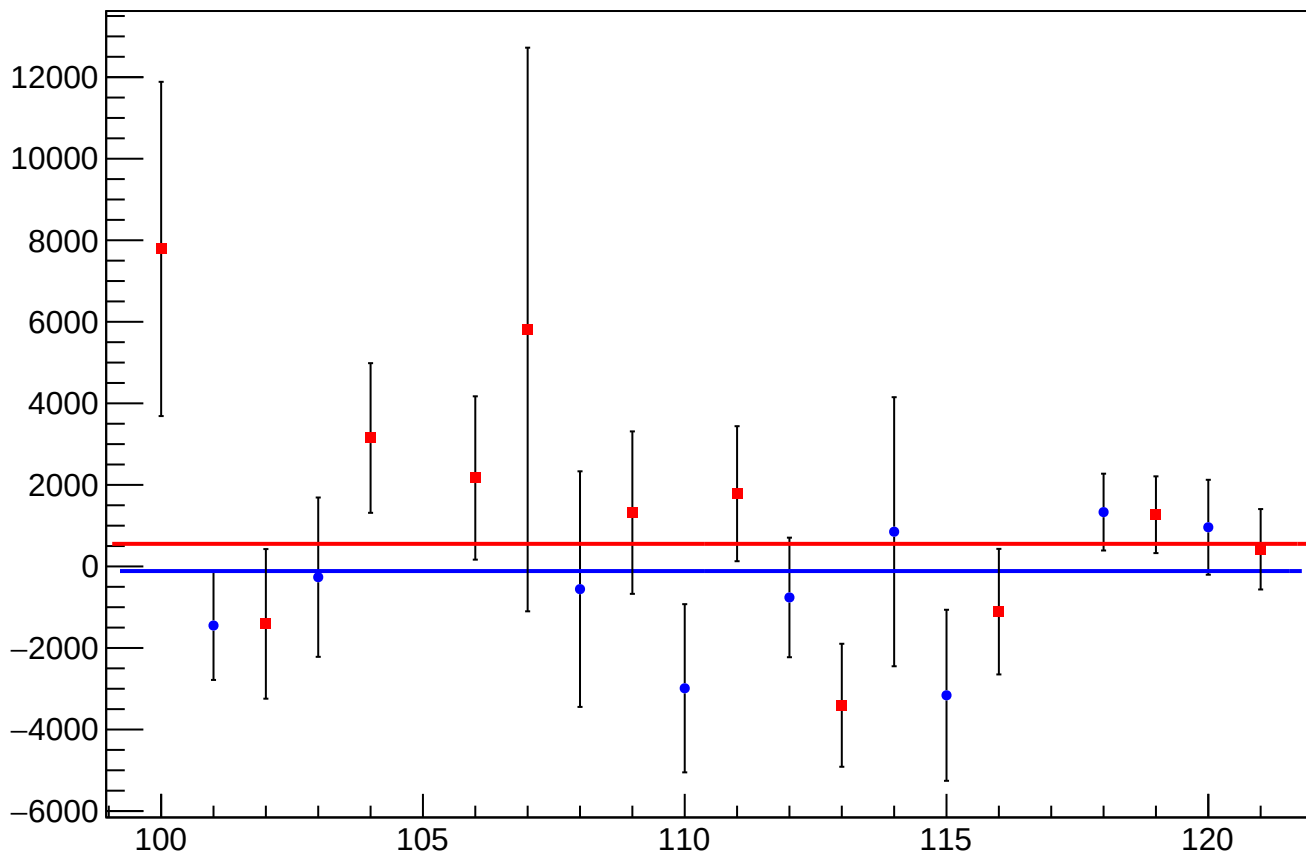
Right: 1099.670+/-0.271 χ^2/NDF : 15723.8/19

In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.670+/-0.271 χ^2/NDF : 15723.8/19

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -113.279+/-511.142 χ^2/NDF : 8.6/8

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

Right Out: 554.016+/-468.379 χ^2/NDF : 16.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

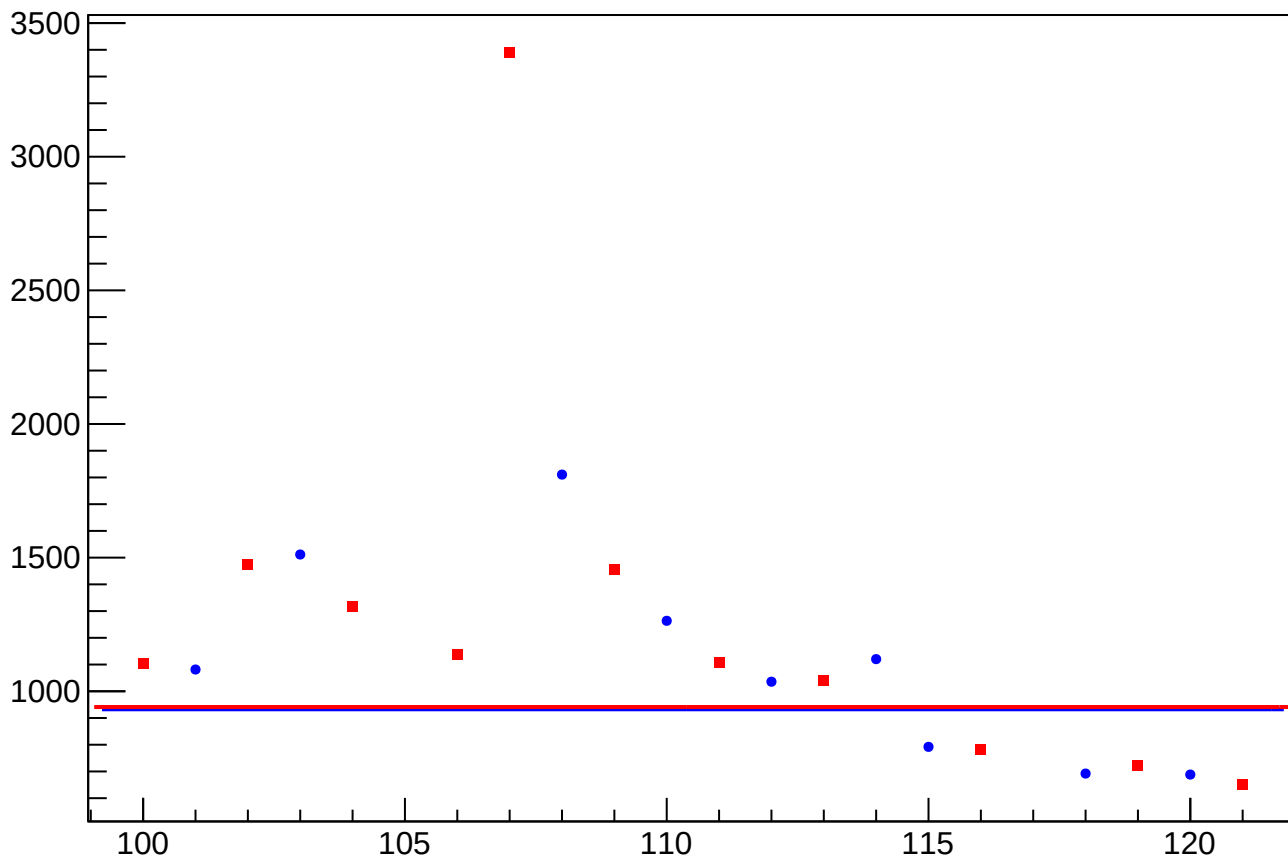
Right: 249.446+/-345.324 χ^2/NDF : 26.3/19

In: -113.279+/-511.142 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.446+/-345.324 χ^2/NDF : 26.3/19

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

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

Right Out: 941.062+/-0.331 χ^2/NDF : 989870.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

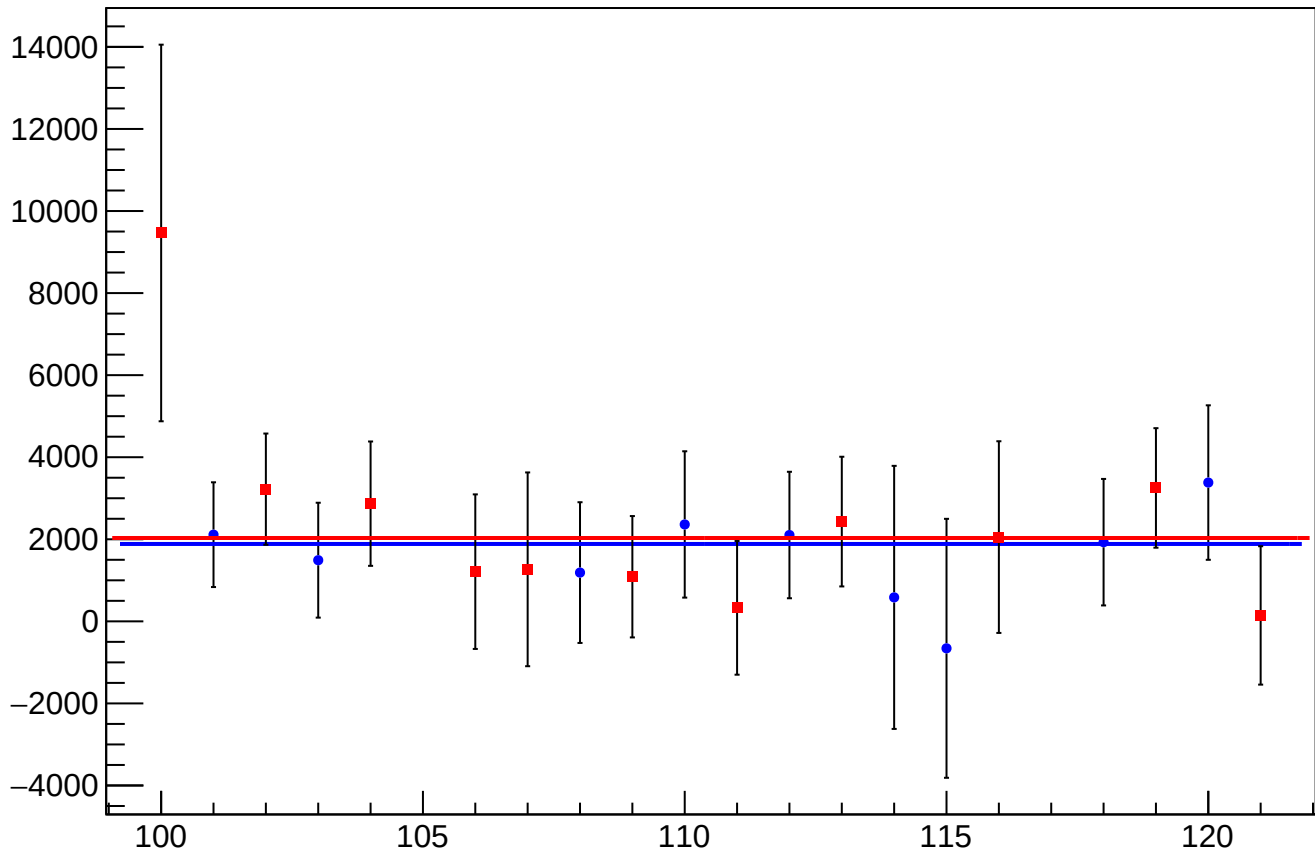
Right: 937.209+/-0.244 χ^2/NDF : 1670761.2/19

In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.209+/-0.244 χ^2/NDF : 1670761.2/19

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1885.851+/-567.931 χ^2/NDF : 1.8/8

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

Right Out: 2031.416+/-517.796 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

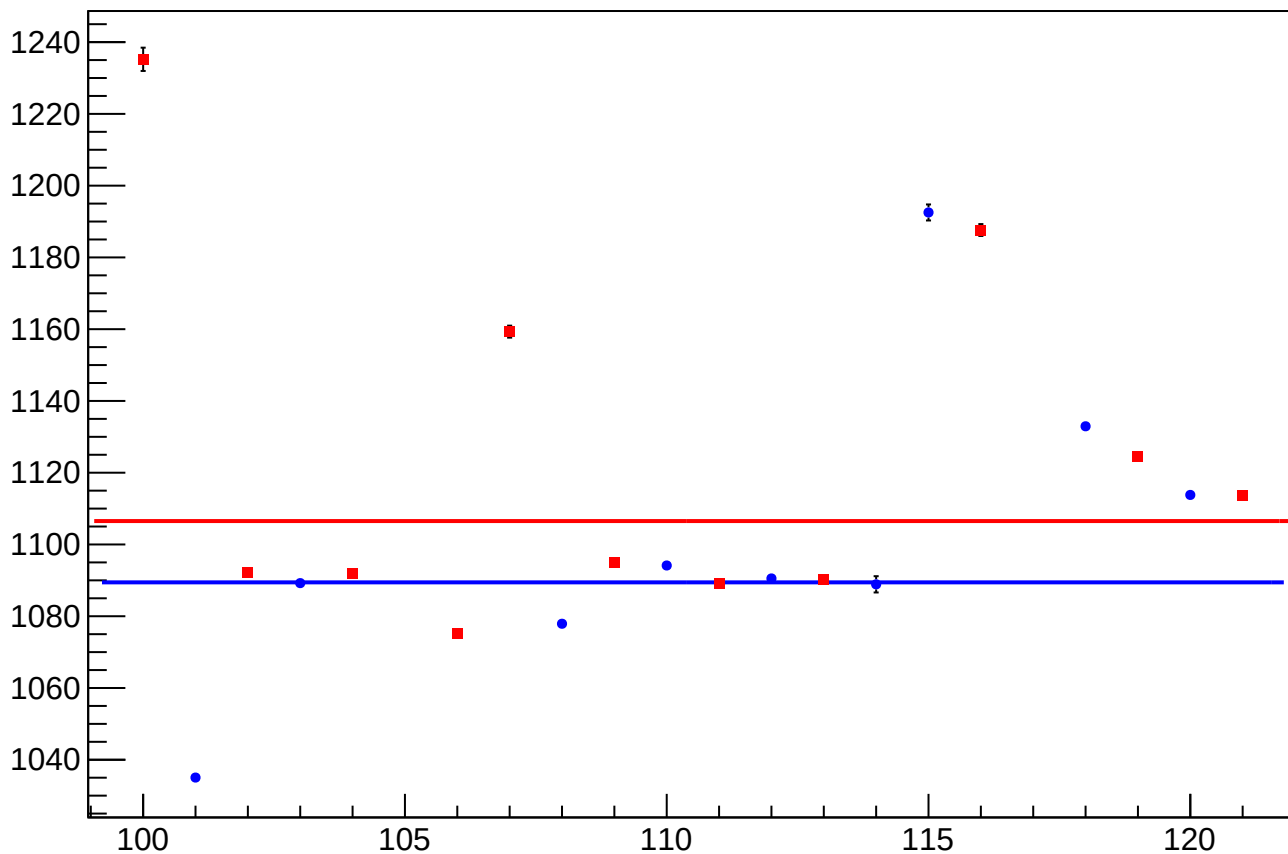
Right: 1965.341+/-382.636 χ^2/NDF : 9.4/19

In: 1885.851+/-567.931 χ^2/NDF : 1.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1965.341+/-382.636 χ^2/NDF : 9.4/19

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1089.440+/-0.402 χ^2/NDF : 7800.3/8

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

Right Out: 1106.524+/-0.366 χ^2/NDF : 6856.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

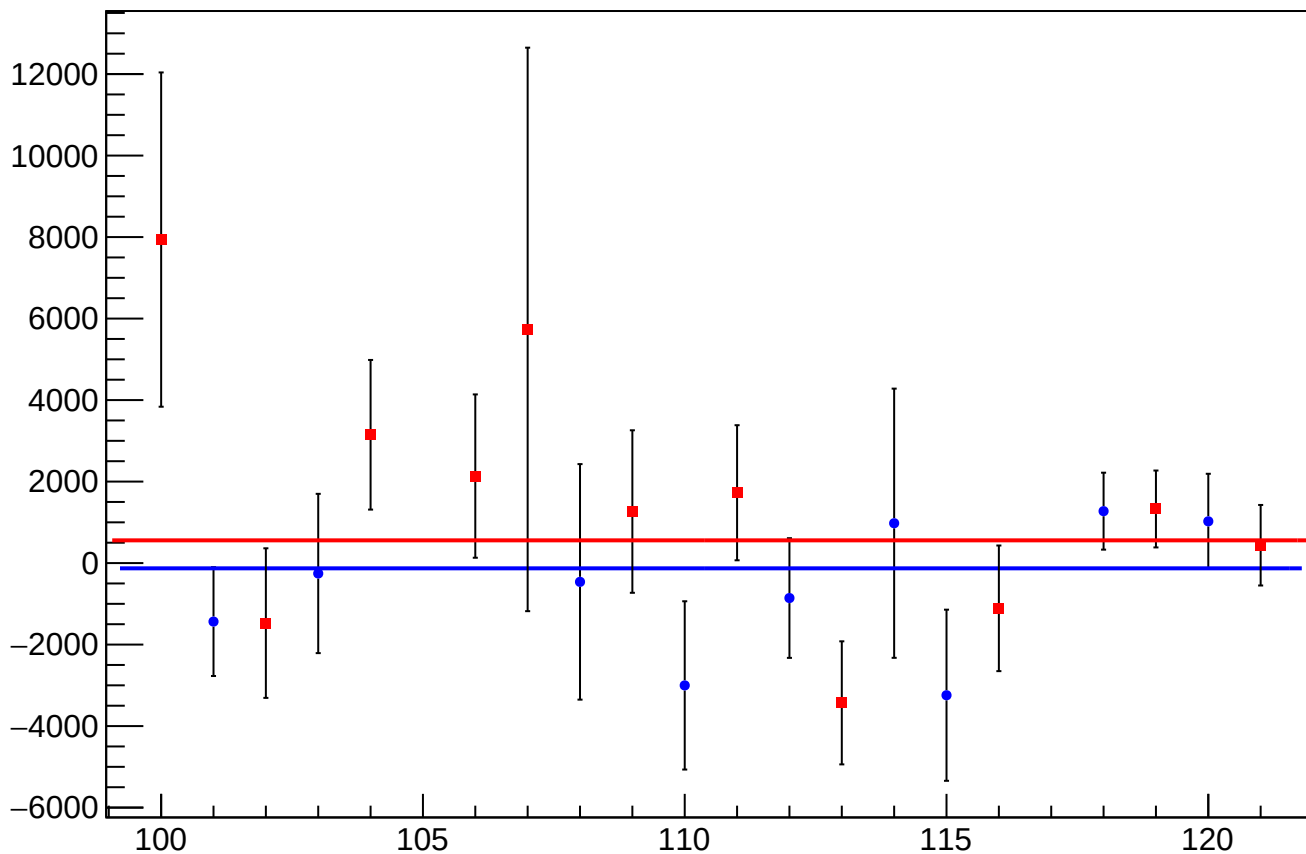
Right: 1098.769+/-0.271 χ^2/NDF : 15644.8/19

In: 1089.440+/-0.402 χ^2/NDF : 7800.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.769+/-0.271 χ^2/NDF : 15644.8/19

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.962+/-511.922 χ^2/NDF : 8.7/8

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

Right Out: 557.787+/-469.046 χ^2/NDF : 17.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

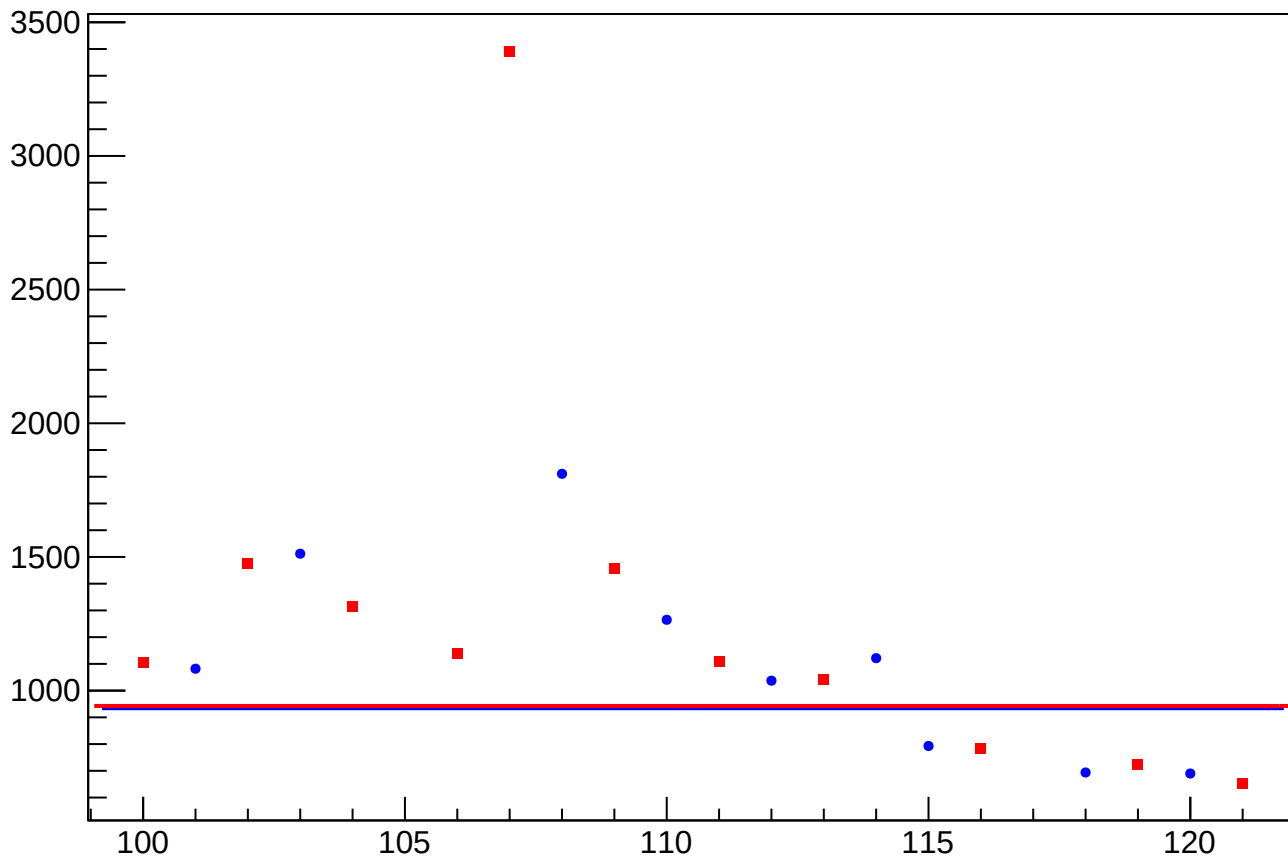
Right: 244.371+/-345.832 χ^2/NDF : 26.7/19

In: -128.962+/-511.922 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.371+/-345.832 χ^2/NDF : 26.7/19

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 934.256+/-0.362 χ^2/NDF : 677602.2/8

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

Right Out: 942.615+/-0.332 χ^2/NDF : 986449.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

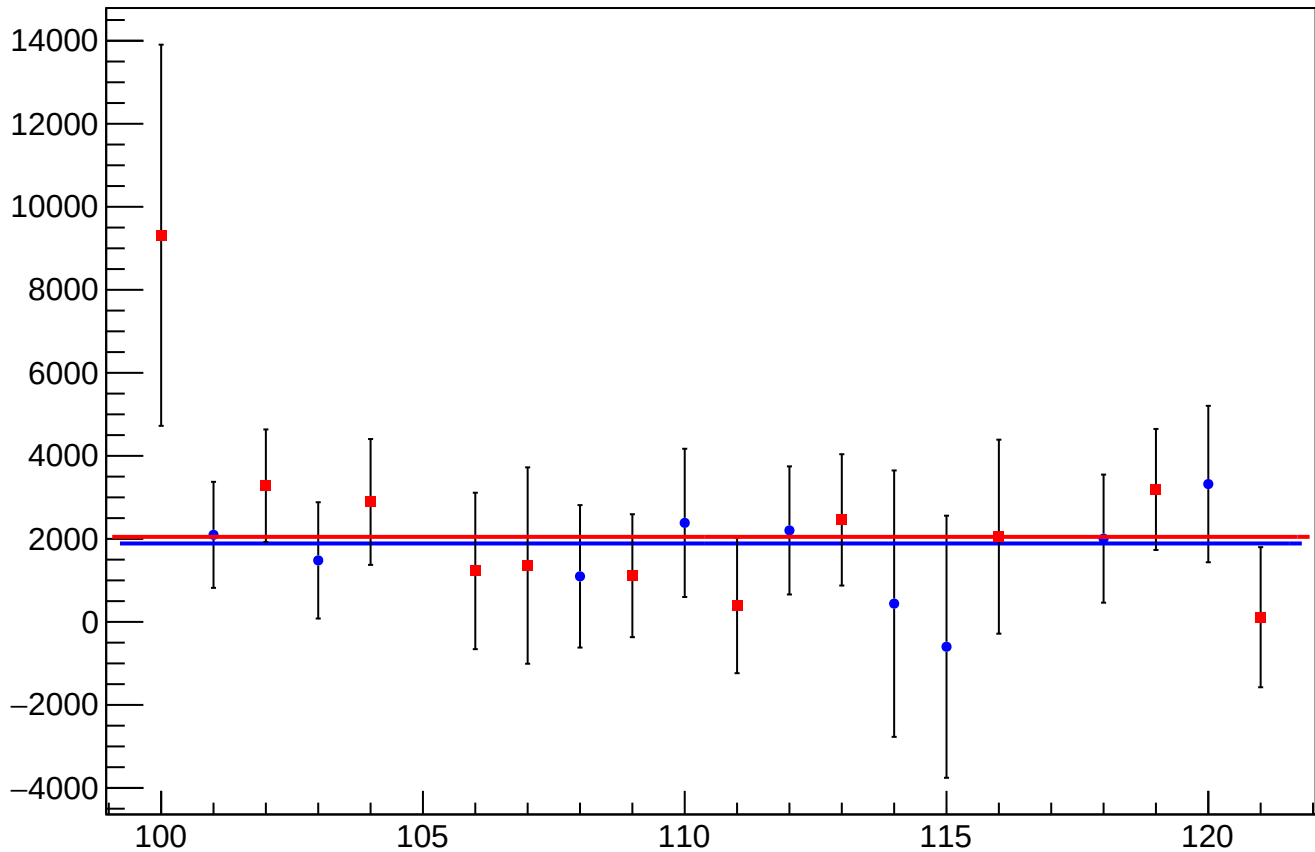
Right: 938.800+/-0.245 χ^2/NDF : 1664341.6/19

In: 934.256+/-0.362 χ^2/NDF : 677602.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.800+/-0.245 χ^2/NDF : 1664341.6/19

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

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

Right Out: 2048.632+/-518.230 χ^2/NDF : 7.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

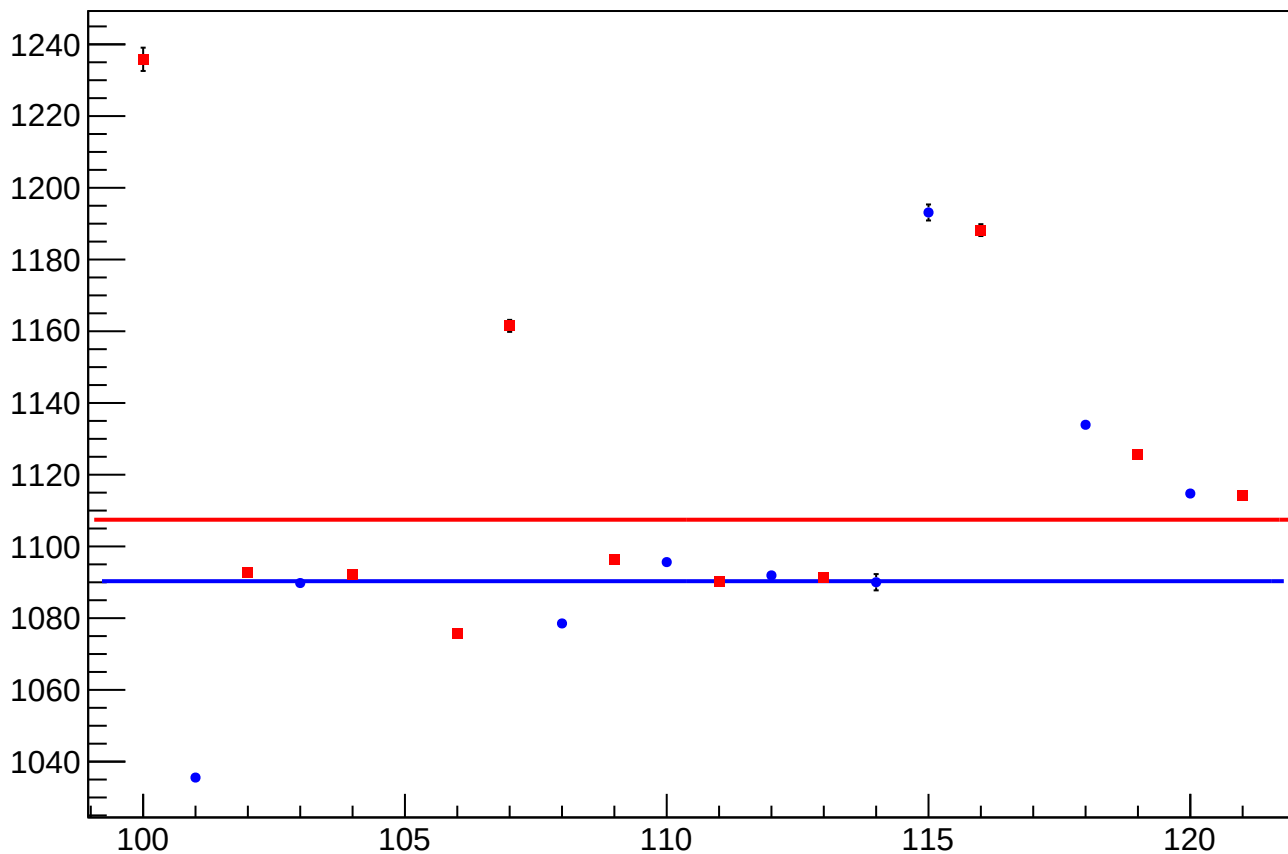
Right: 1976.311+/-382.951 χ^2/NDF : 9.2/19

In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.311+/-382.951 χ^2/NDF : 9.2/19

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

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

Right Out: 1107.450+/-0.366 χ^2/NDF : 6883.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

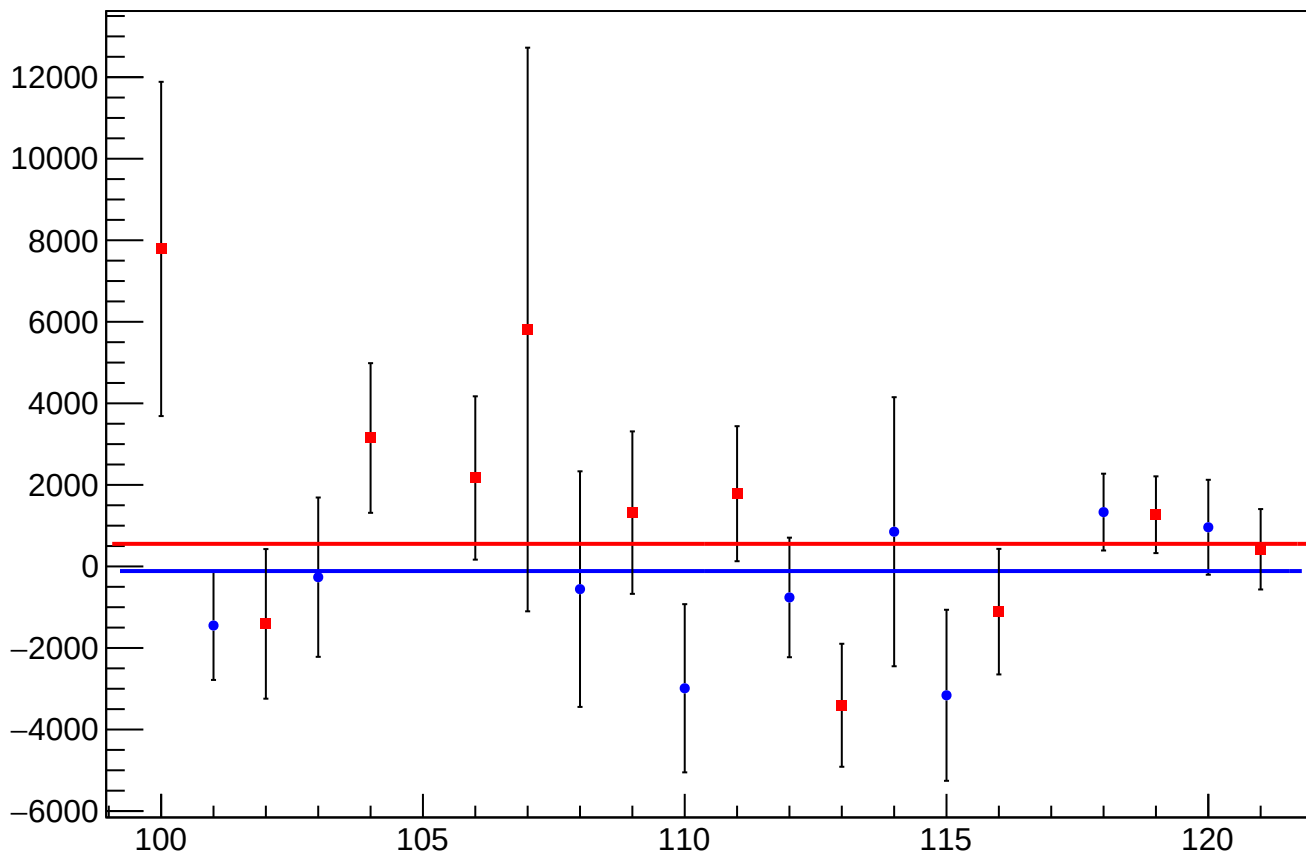
Right: 1099.670+/-0.271 χ^2/NDF : 15723.8/19

In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.670+/-0.271 χ^2/NDF : 15723.8/19

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -113.279+/-511.142 χ^2/NDF : 8.6/8

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

Right Out: 554.016+/-468.379 χ^2/NDF : 16.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

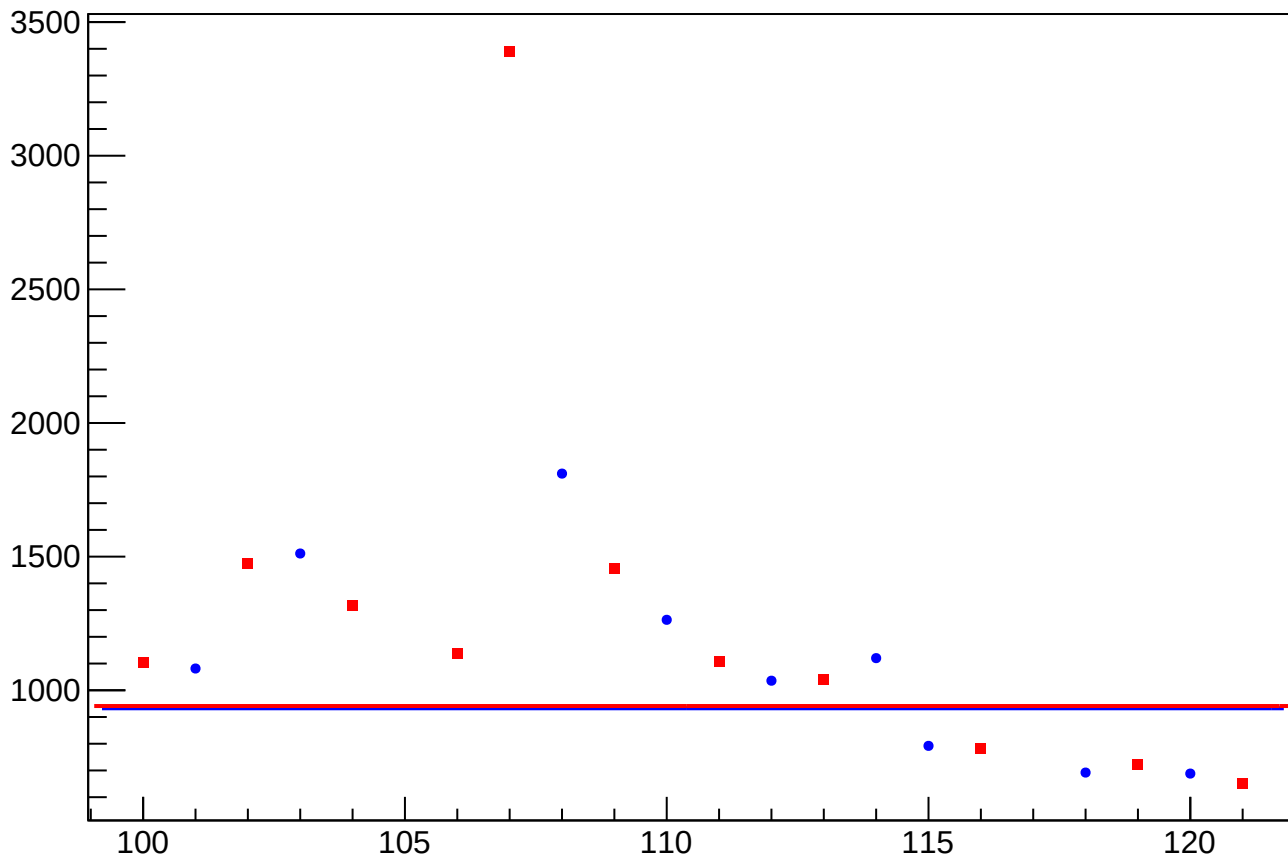
Right: 249.446+/-345.324 χ^2/NDF : 26.3/19

In: -113.279+/-511.142 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.446+/-345.324 χ^2/NDF : 26.3/19

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

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

Right Out: 941.062+/-0.331 χ^2/NDF : 989870.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

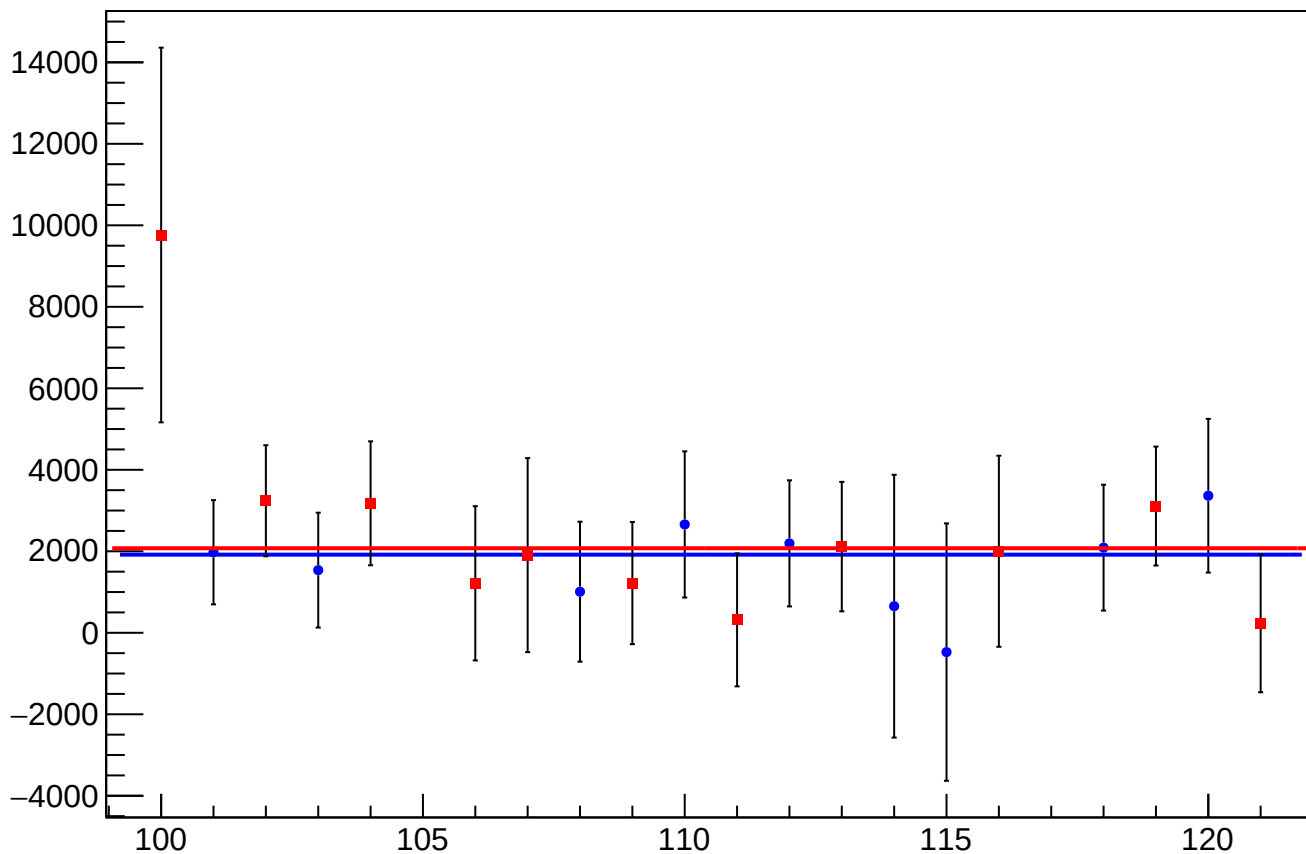
Right: 937.209+/-0.244 χ^2/NDF : 1670761.2/19

In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.209+/-0.244 χ^2/NDF : 1670761.2/19

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1917.523+/-570.006 χ^2/NDF : 1.9/8

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

Right Out: 2074.638+/-520.491 χ^2/NDF : 7.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

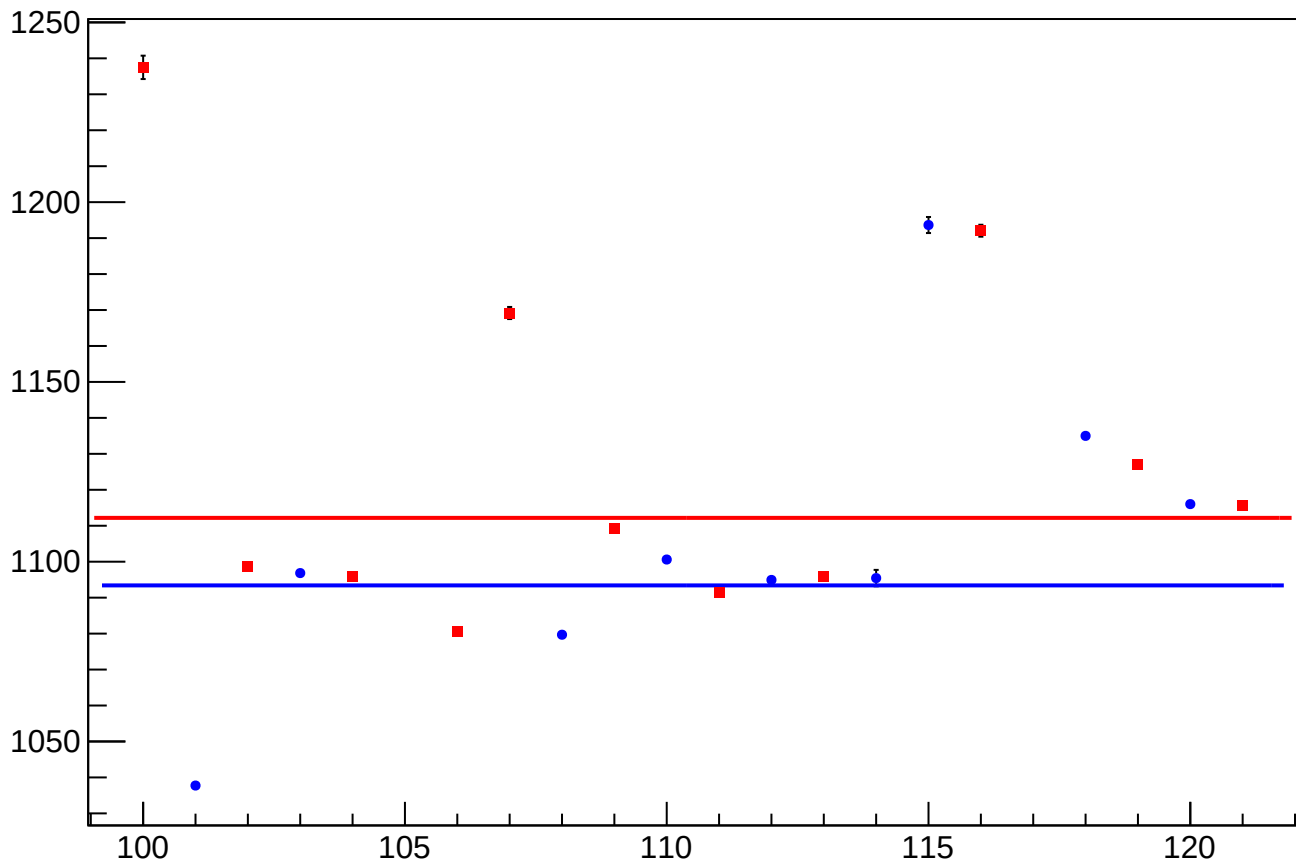
Right: 2003.200+/-384.358 χ^2/NDF : 9.4/19

In: 1917.523+/-570.006 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.200+/-384.358 χ^2/NDF : 9.4/19

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

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

Right Out: 1112.189+/-0.368 χ^2/NDF : 6689.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

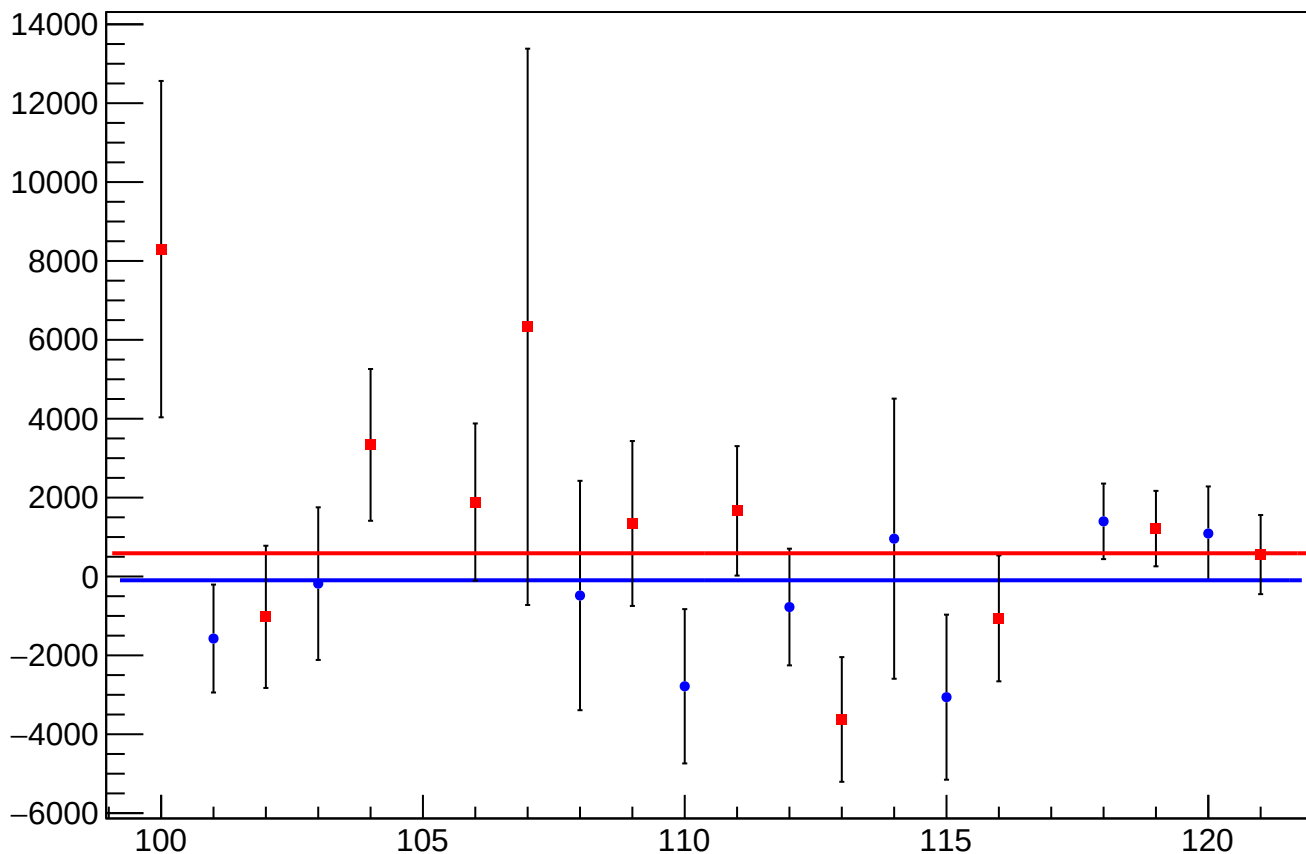
Right: 1103.649+/-0.272 χ^2/NDF : 15583.2/19

In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.649+/-0.272 χ^2/NDF : 15583.2/19

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -96.251+/-517.159 χ^2/NDF : 8.8/8

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

Right Out: 588.715+/-477.552 χ^2/NDF : 16.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

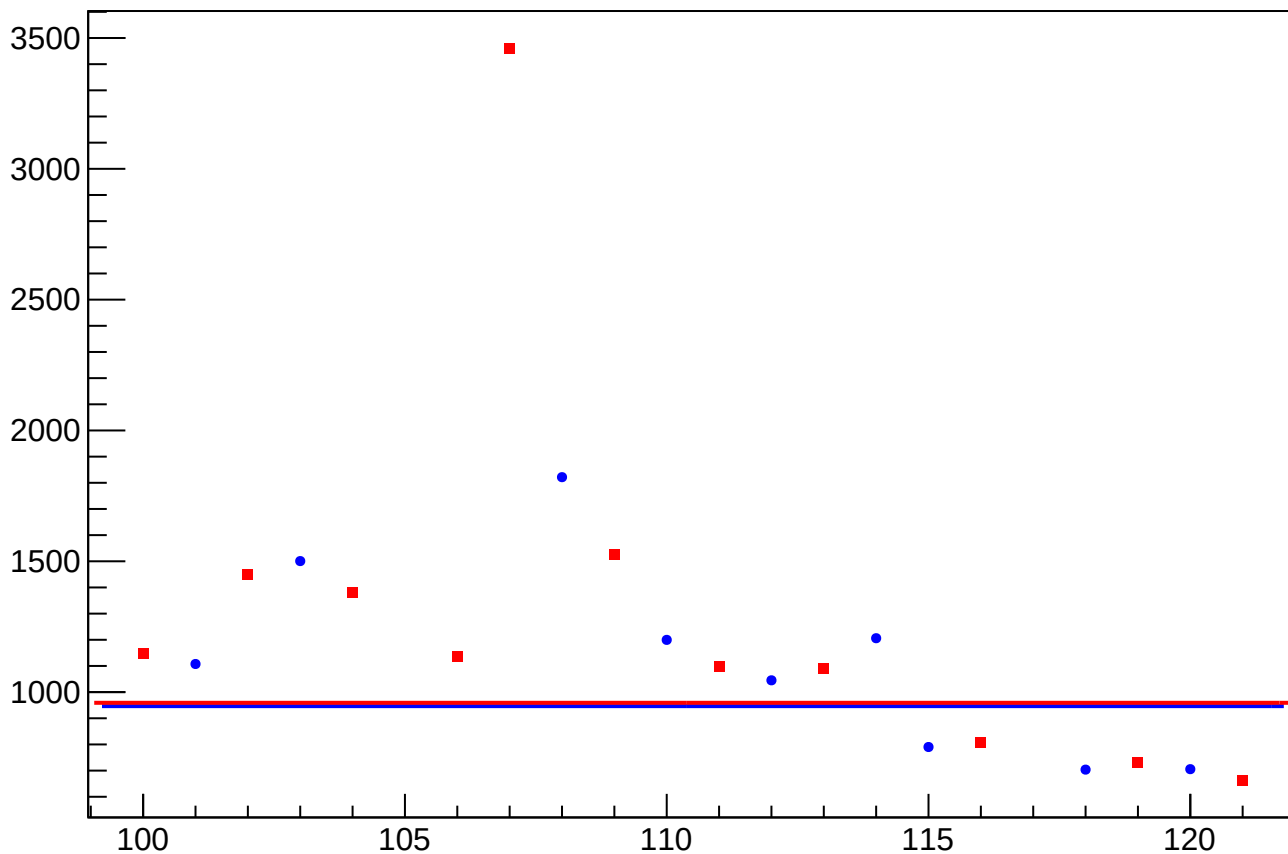
Right: 273.463+/-350.848 χ^2/NDF : 26.1/19

In: -96.251+/-517.159 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.463+/-350.848 χ^2/NDF : 26.1/19

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.407+/-0.366 χ^2/NDF : 647314.7/8

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

Right Out: 959.148+/-0.338 χ^2/NDF : 997253.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

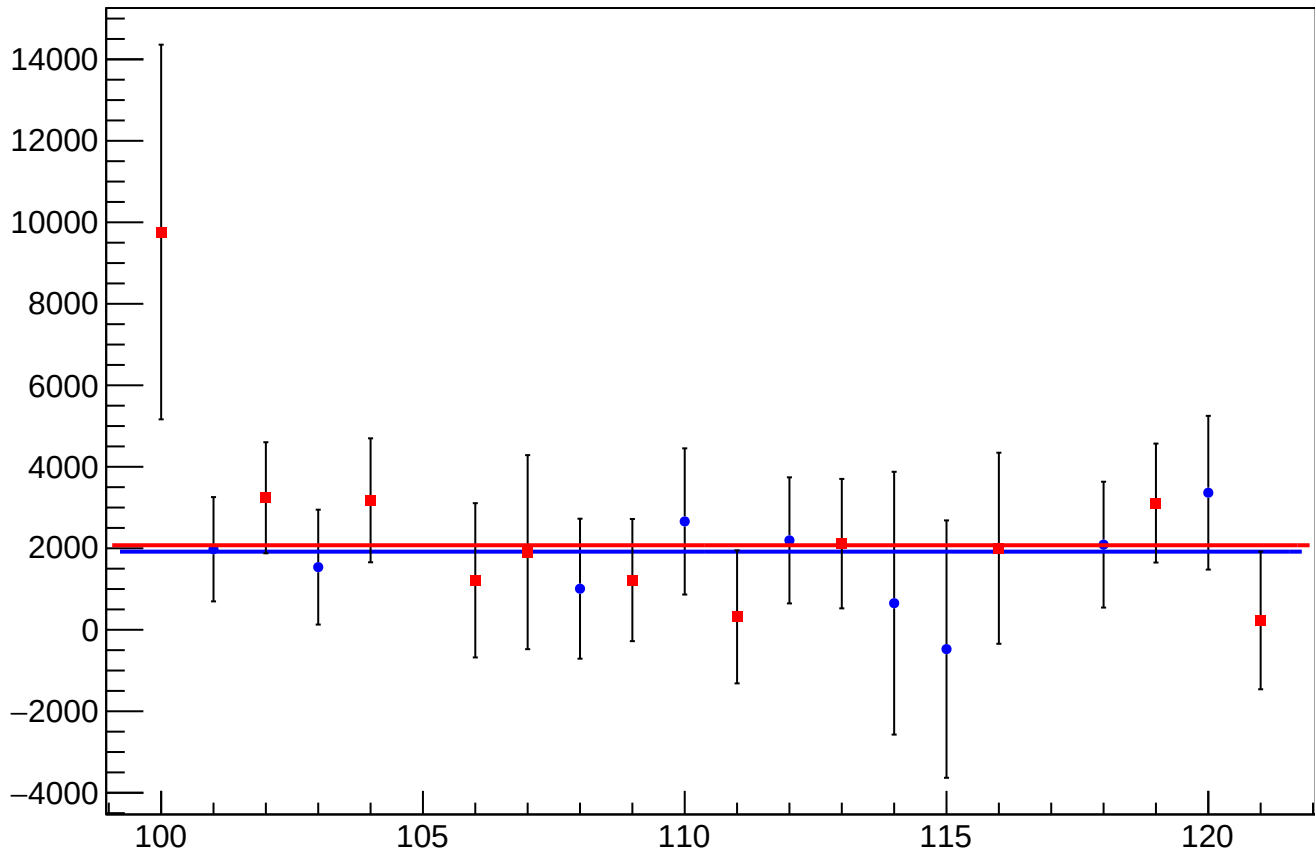
Right: 953.284+/-0.248 χ^2/NDF : 1645223.2/19

In: 946.407+/-0.366 χ^2/NDF : 647314.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.284+/-0.248 χ^2/NDF : 1645223.2/19

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1917.522+/-570.006 χ^2/NDF : 1.9/8

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

Right Out: 2074.636+/-520.491 χ^2/NDF : 7.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

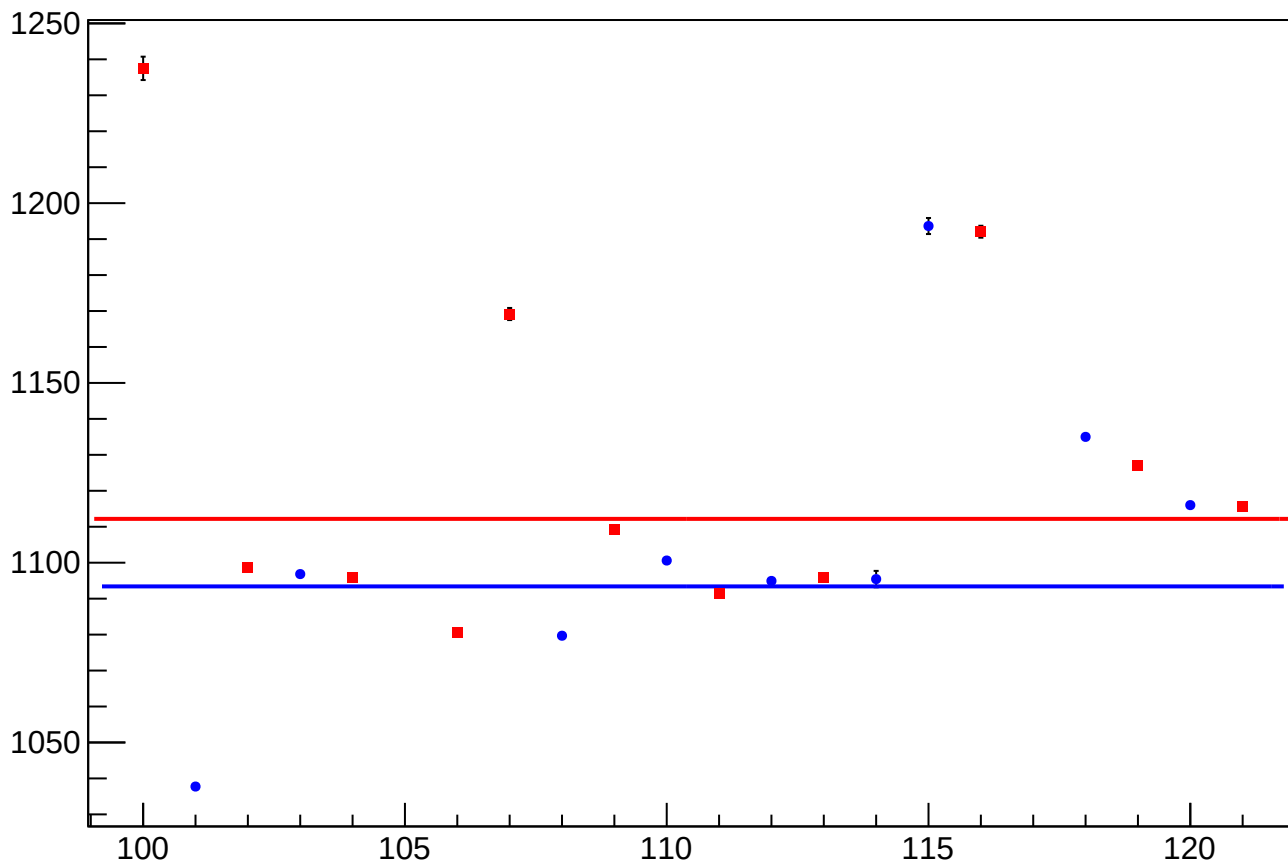
Right: 2003.198+/-384.358 χ^2/NDF : 9.4/19

In: 1917.522+/-570.006 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.198+/-384.358 χ^2/NDF : 9.4/19

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

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

Right Out: 1112.189+/-0.368 χ^2/NDF : 6689.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

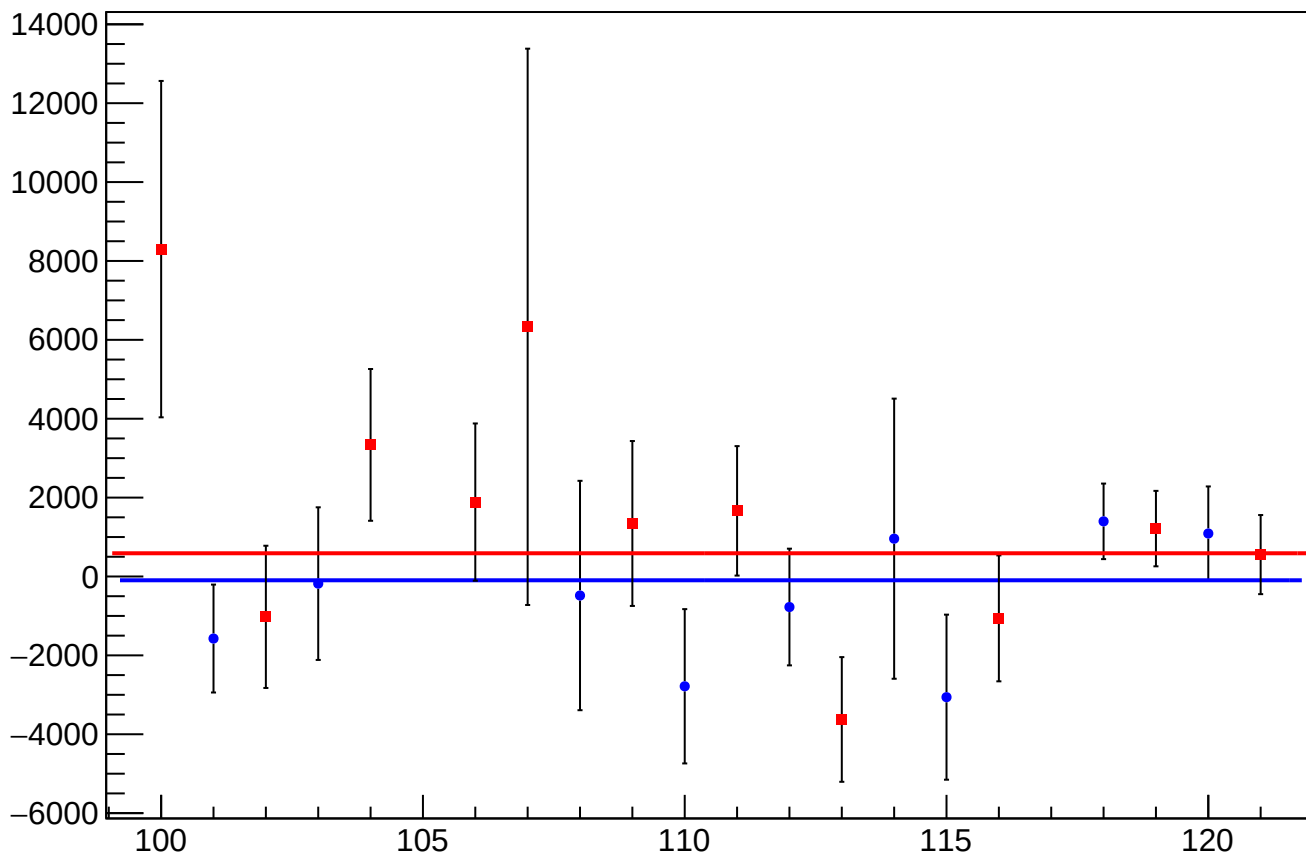
Right: 1103.649+/-0.272 χ^2/NDF : 15583.2/19

In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.649+/-0.272 χ^2/NDF : 15583.2/19

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -96.251+/-517.158 χ^2/NDF : 8.8/8

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

Right Out: 588.715+/-477.551 χ^2/NDF : 16.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

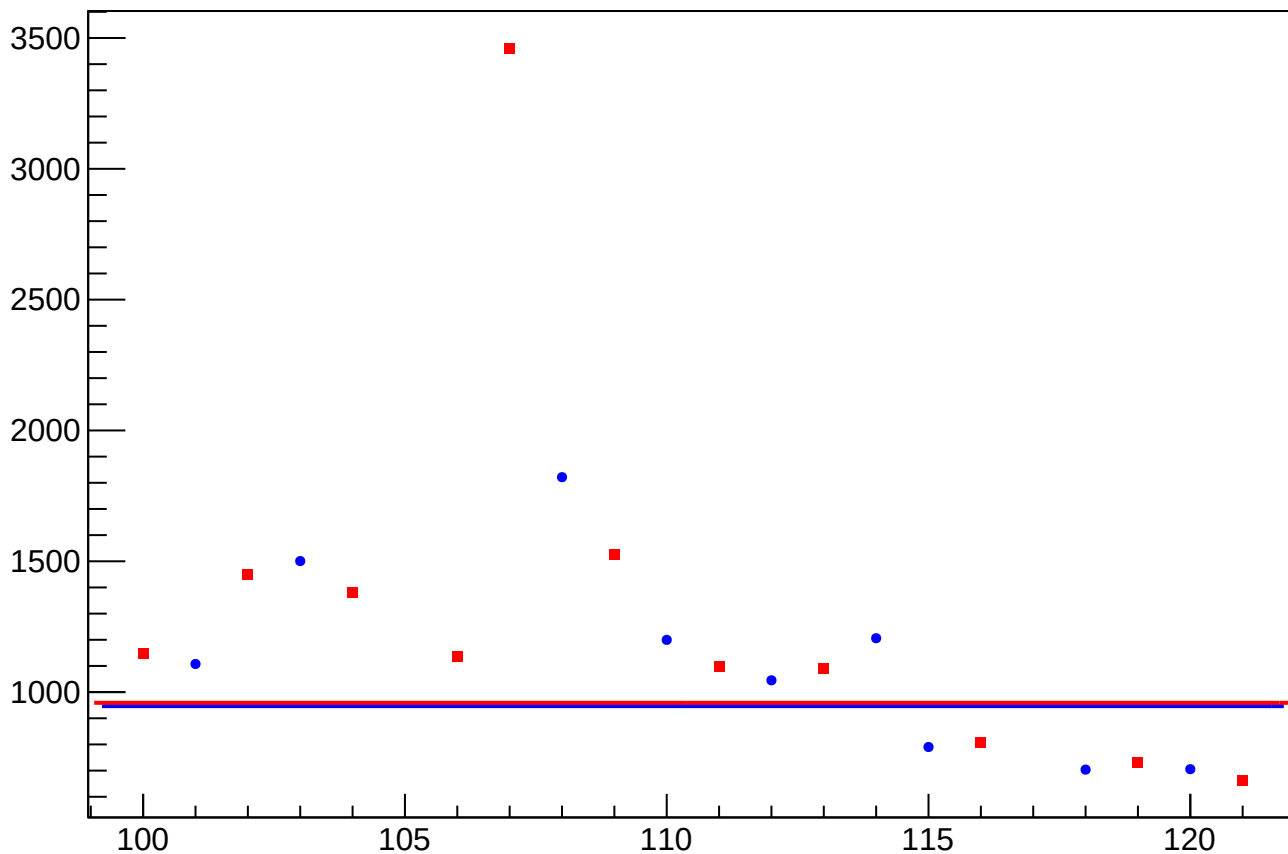
Right: 273.463+/-350.847 χ^2/NDF : 26.1/19

In: -96.251+/-517.158 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.463+/-350.847 χ^2/NDF : 26.1/19

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.405+/-0.366 χ^2/NDF : 647316.9/8

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

Right Out: 959.146+/-0.338 χ^2/NDF : 997253.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

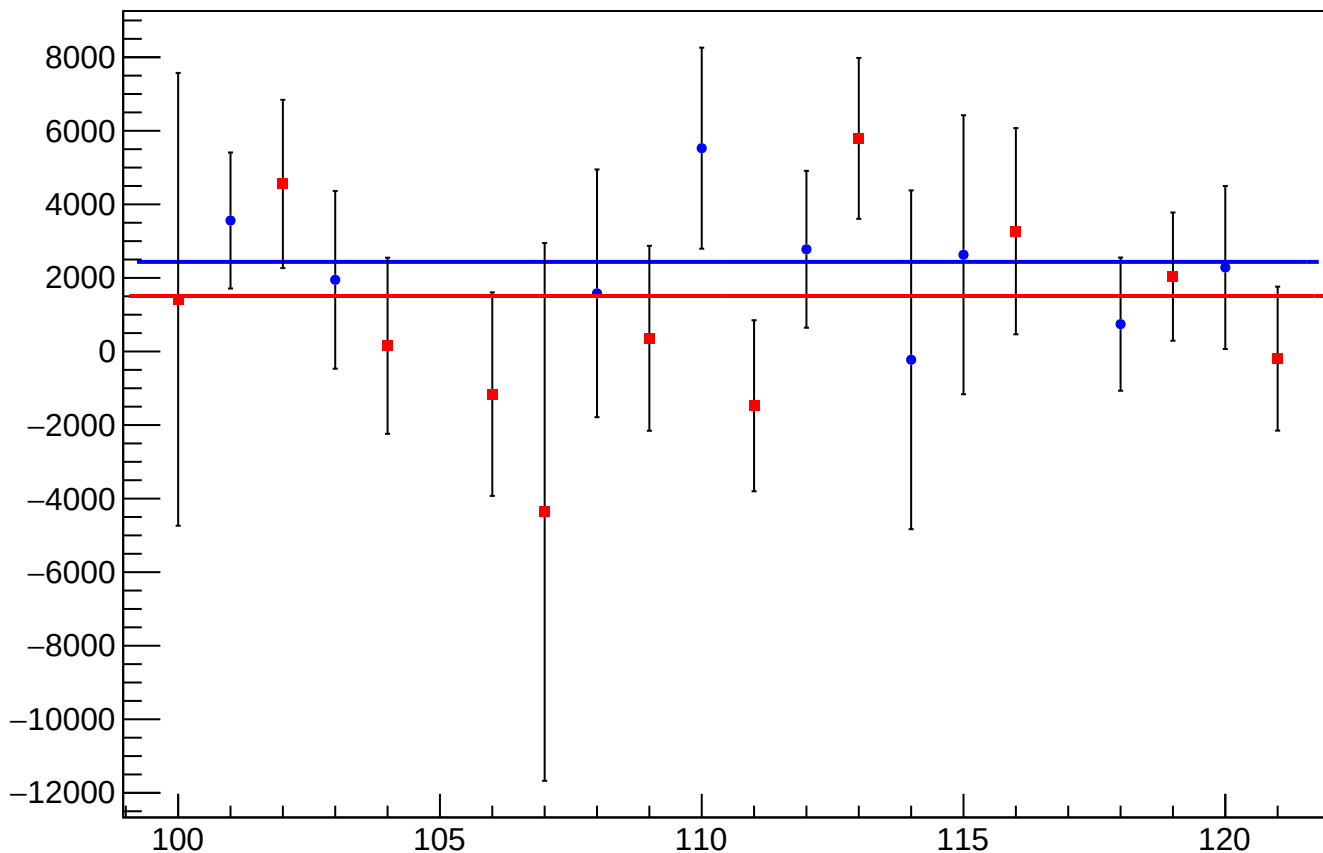
Right: 953.282+/-0.248 χ^2/NDF : 1645225.9/19

In: 946.405+/-0.366 χ^2/NDF : 647316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.282+/-0.248 χ^2/NDF : 1645225.9/19

asym_usl_mean vs Slug, Sign Corrected



Right In: 2436.038 $\pm$ 808.208 χ^2 /NDF: 3.0/8

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

Right Out: 1508.378 $\pm$ 743.106 χ^2 /NDF: 10.6/10

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

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

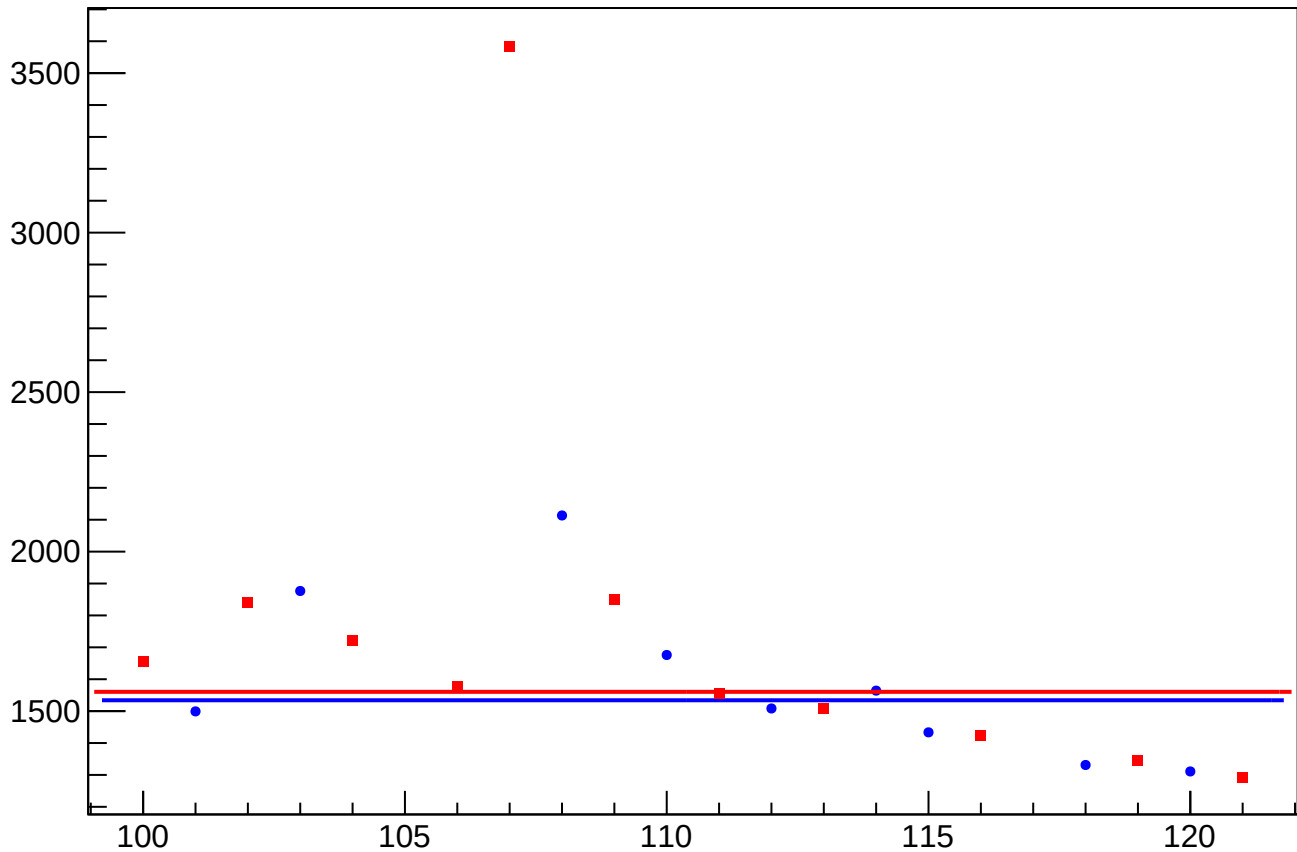
Right: 1933.347 $\pm$ 547.025 χ^2 /NDF: 14.3/19

In: 2436.038 $\pm$ 808.208 χ^2 /NDF:3.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1933.347 $\pm$ 547.025 χ^2 /NDF: 14.3/19

asym_usl_rms vs Slug, Sign Corrected



Right In: 1534.035+/-0.571 χ^2/NDF : 152638.5/8

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

Right Out: 1560.461+/-0.525 χ^2/NDF : 293937.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

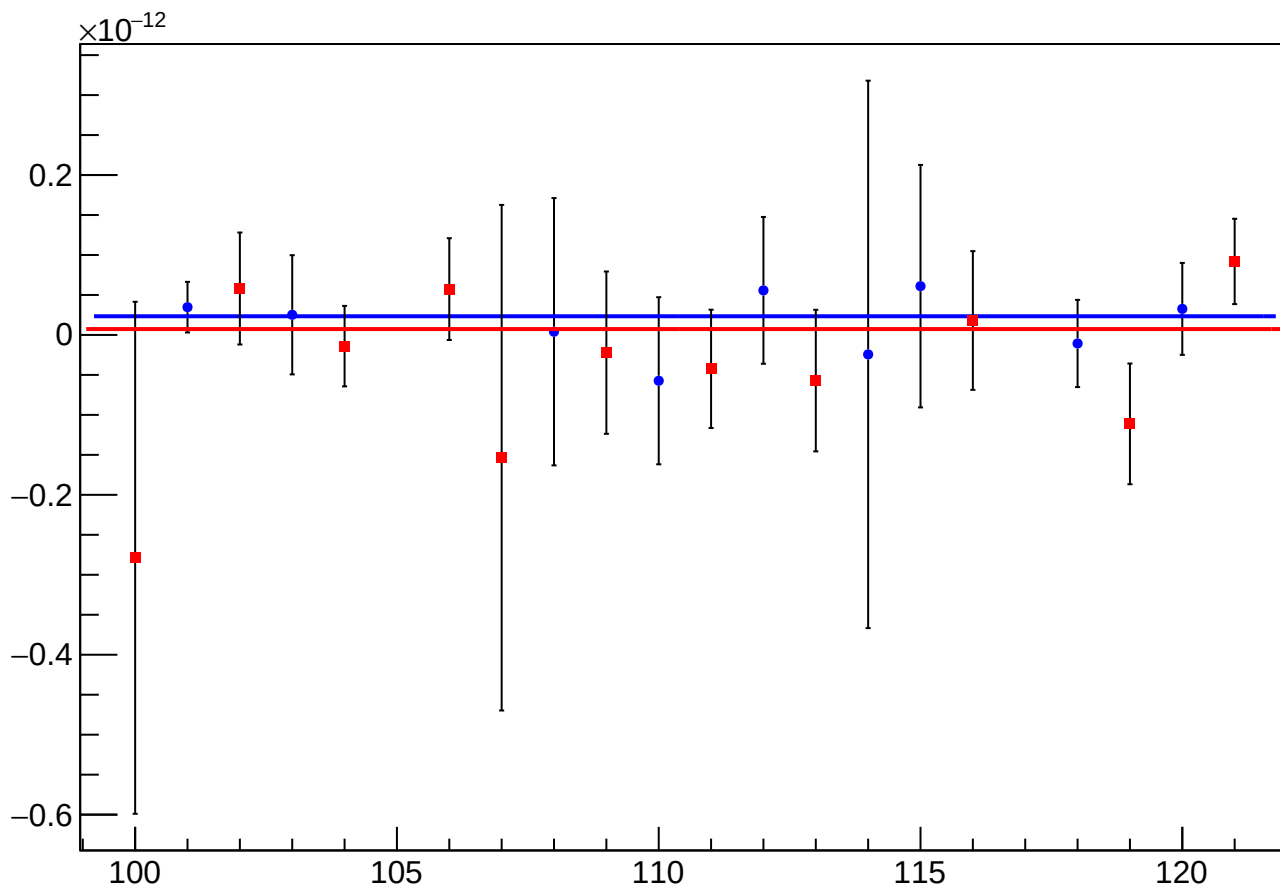
Right: 1548.355+/-0.387 χ^2/NDF : 447734.6/19

In: 1534.035+/-0.571 χ^2/NDF : 152638.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.355+/-0.387 χ^2/NDF : 447734.6/19

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

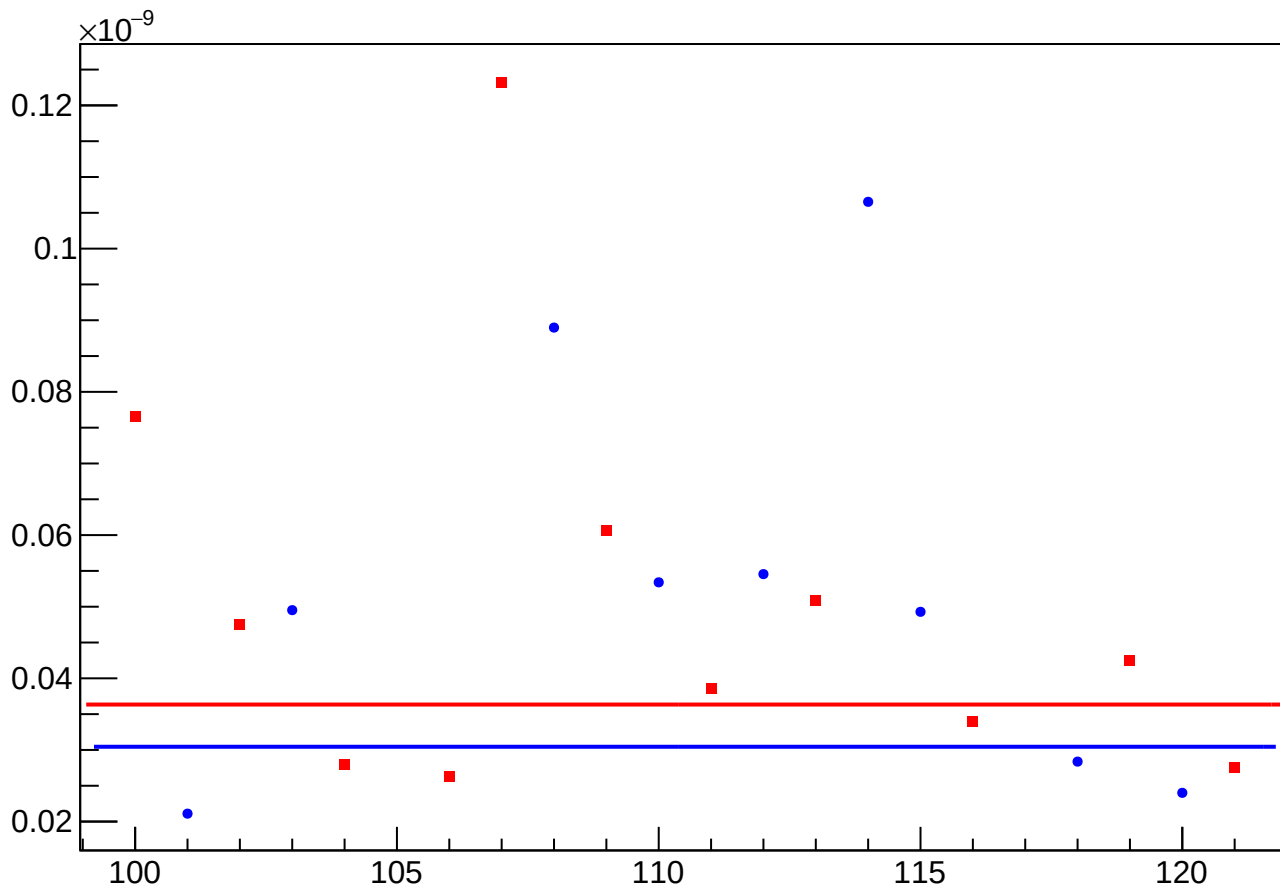
Right: 0.000+/-0.000 χ^2/NDF : 10.1/19

In: 0.000+/-0.000 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.1/19

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 942096.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 579253.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

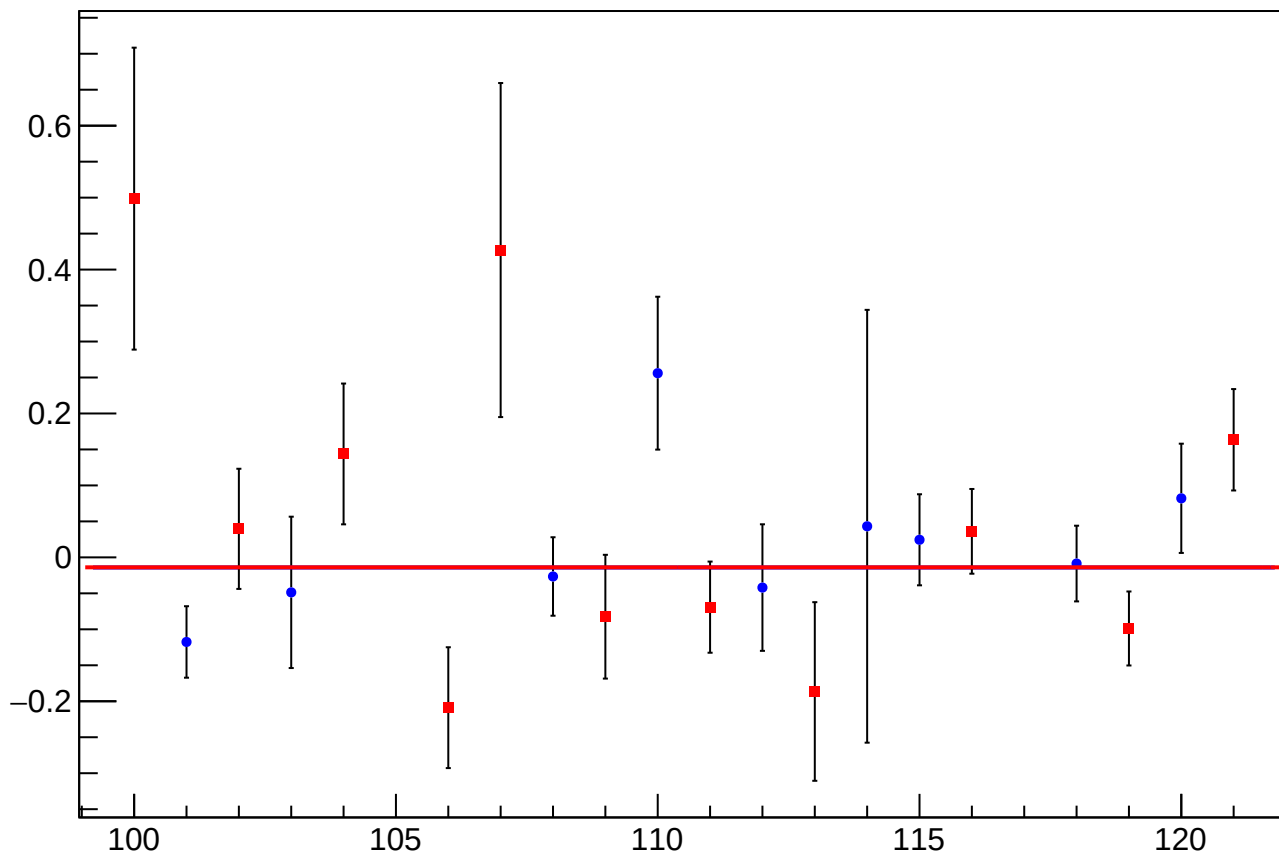
Right: 0.000+/-0.000 χ^2/NDF : 1591460.3/19

In: 0.000+/-0.000 χ^2/NDF : 942096.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1591460.3/19

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF : 13.1/8

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

Right Out: -0.014+/-0.024 χ^2/NDF : 31.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

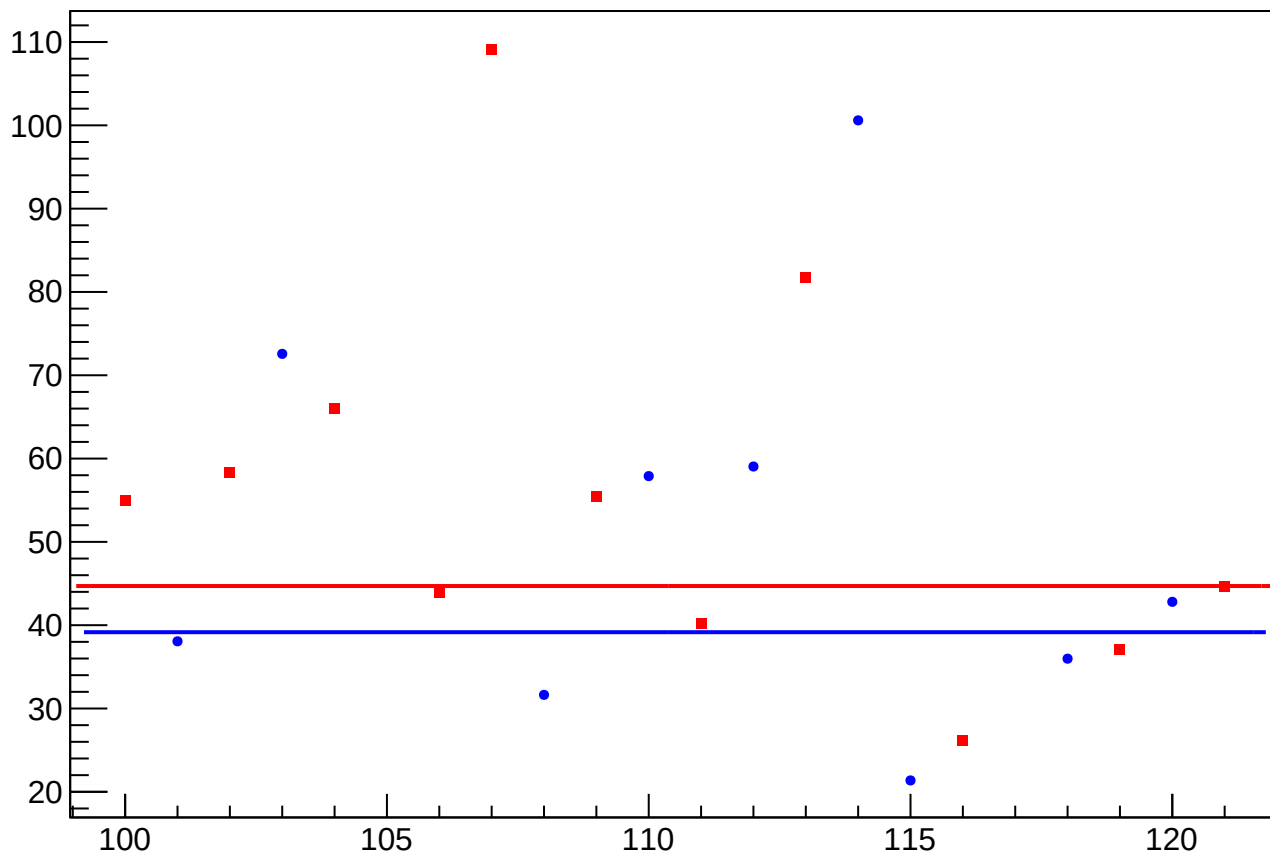
Right: -0.014+/-0.017 χ^2/NDF : 44.2/19

In: -0.014+/-0.023 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.017 χ^2/NDF : 44.2/19

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

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

Right Out: 44.702+/-0.017 χ^2/NDF : 766739.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

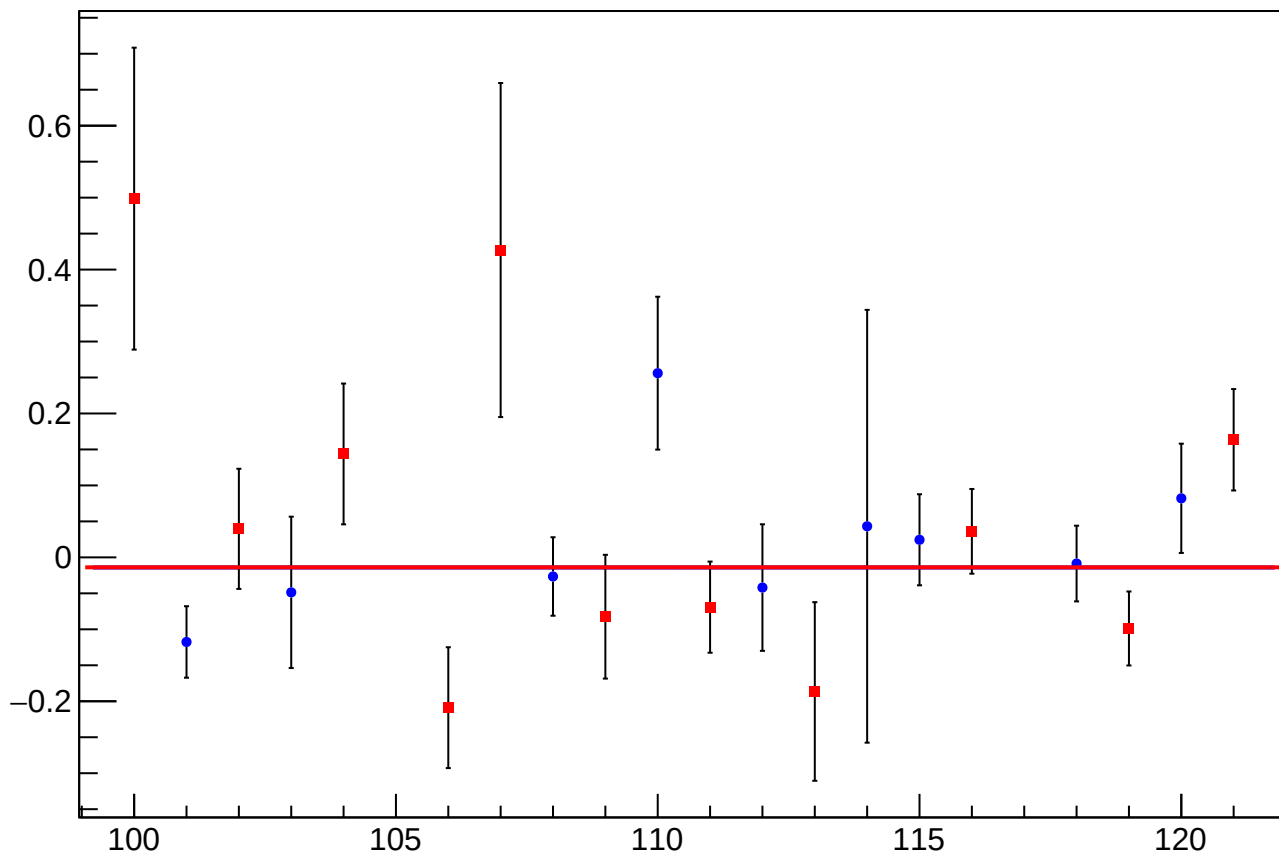
Right: 41.855+/-0.012 χ^2/NDF : 1480664.6/19

In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.855+/-0.012 χ^2/NDF : 1480664.6/19

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF : 13.1/8

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

Right Out: -0.014+/-0.024 χ^2/NDF : 31.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

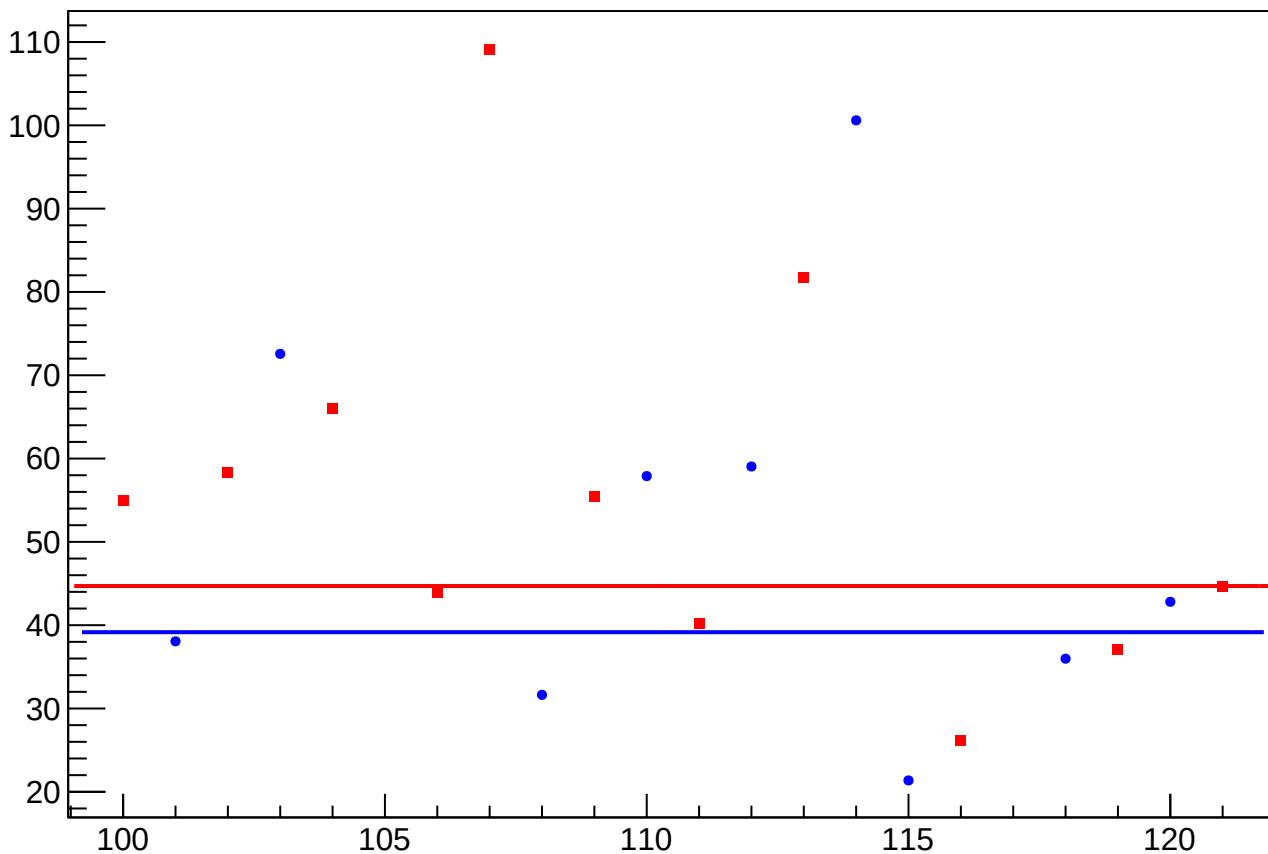
Right: -0.014+/-0.017 χ^2/NDF : 44.2/19

In: -0.014+/-0.023 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.017 χ^2/NDF : 44.2/19

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

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

Right Out: 44.702+/-0.017 χ^2/NDF : 766739.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

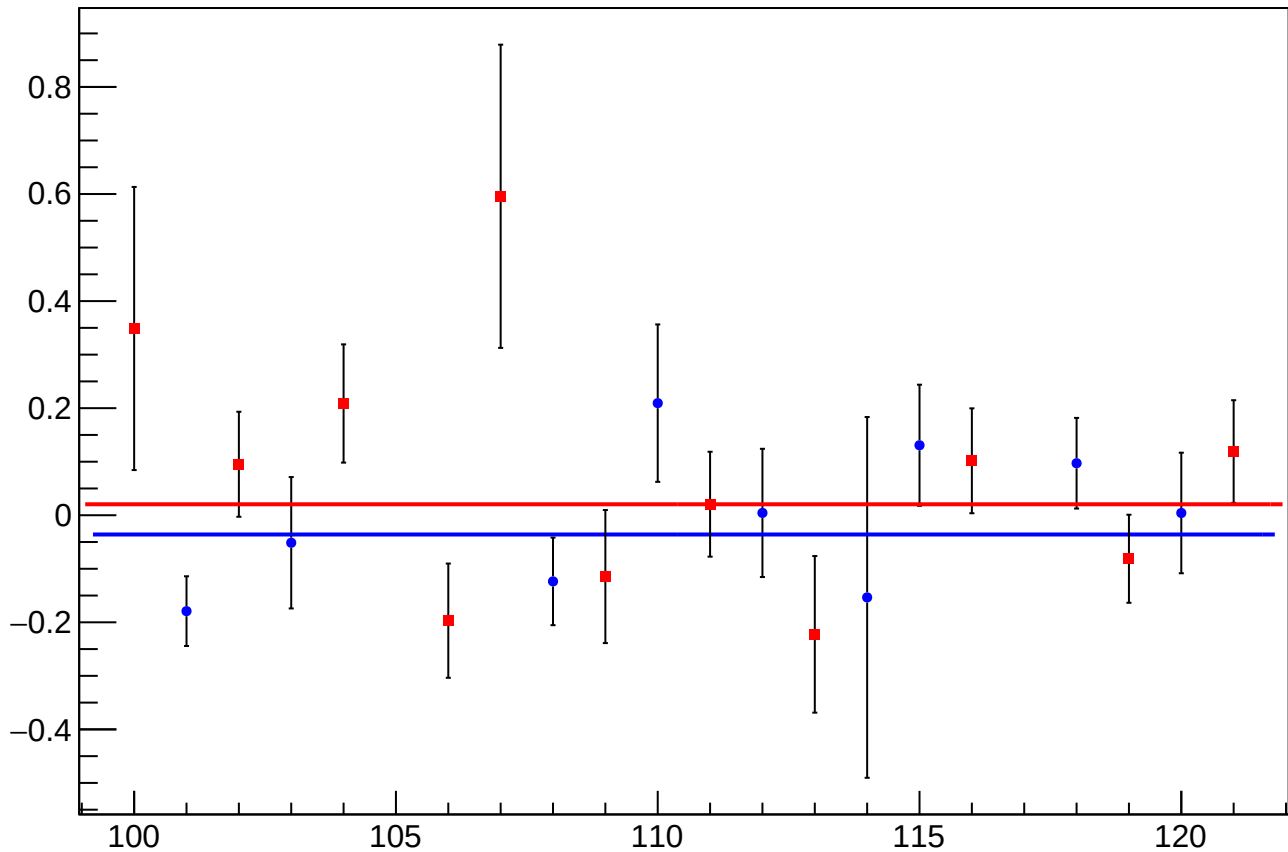
Right: 41.855+/-0.012 χ^2/NDF : 1480664.6/19

In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.855+/-0.012 χ^2/NDF : 1480664.6/19

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.034 χ^2 /NDF: 13.8/8

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

Right Out: 0.020 $\pm$ 0.034 χ^2 /NDF: 20.5/10

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

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

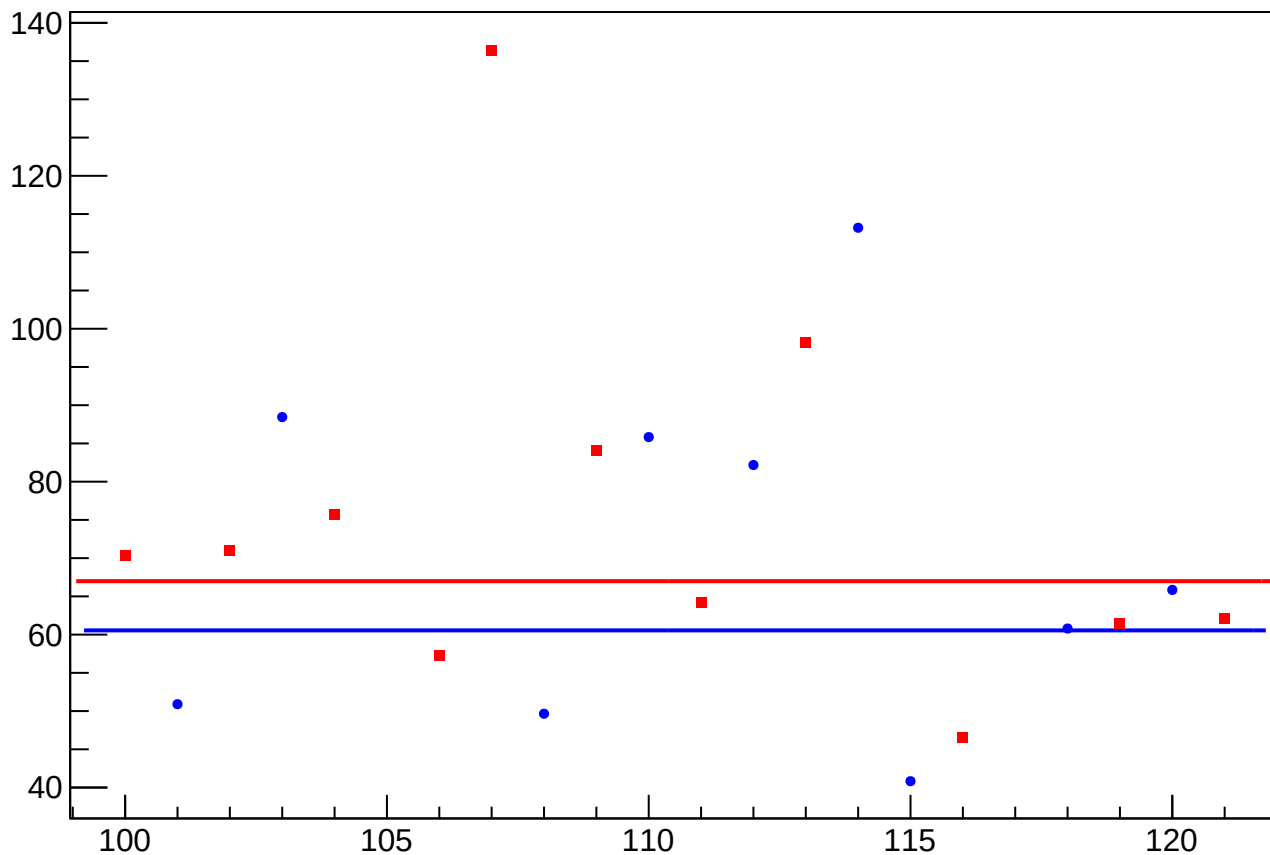
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 35.7/19

In: -0.036 $\pm$ 0.034 χ^2 /NDF:13.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 35.7/19

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.550+/-0.024 χ^2/NDF : 421242.0/8

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

Right Out: 66.988+/-0.024 χ^2/NDF : 385055.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

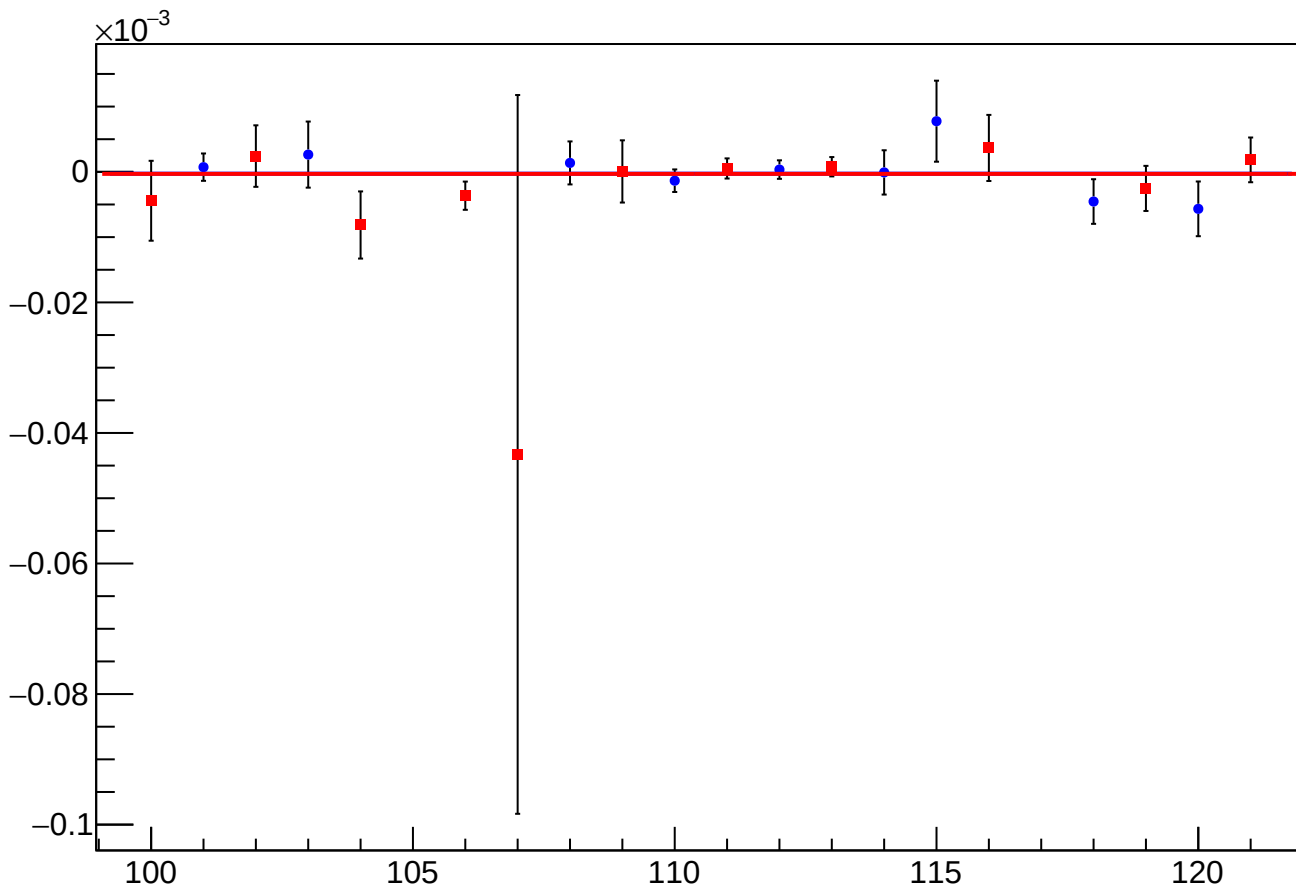
Right: 63.776+/-0.017 χ^2/NDF : 842561.8/19

In: 60.550+/-0.024 χ^2/NDF : 421242.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.776+/-0.017 χ^2/NDF : 842561.8/19

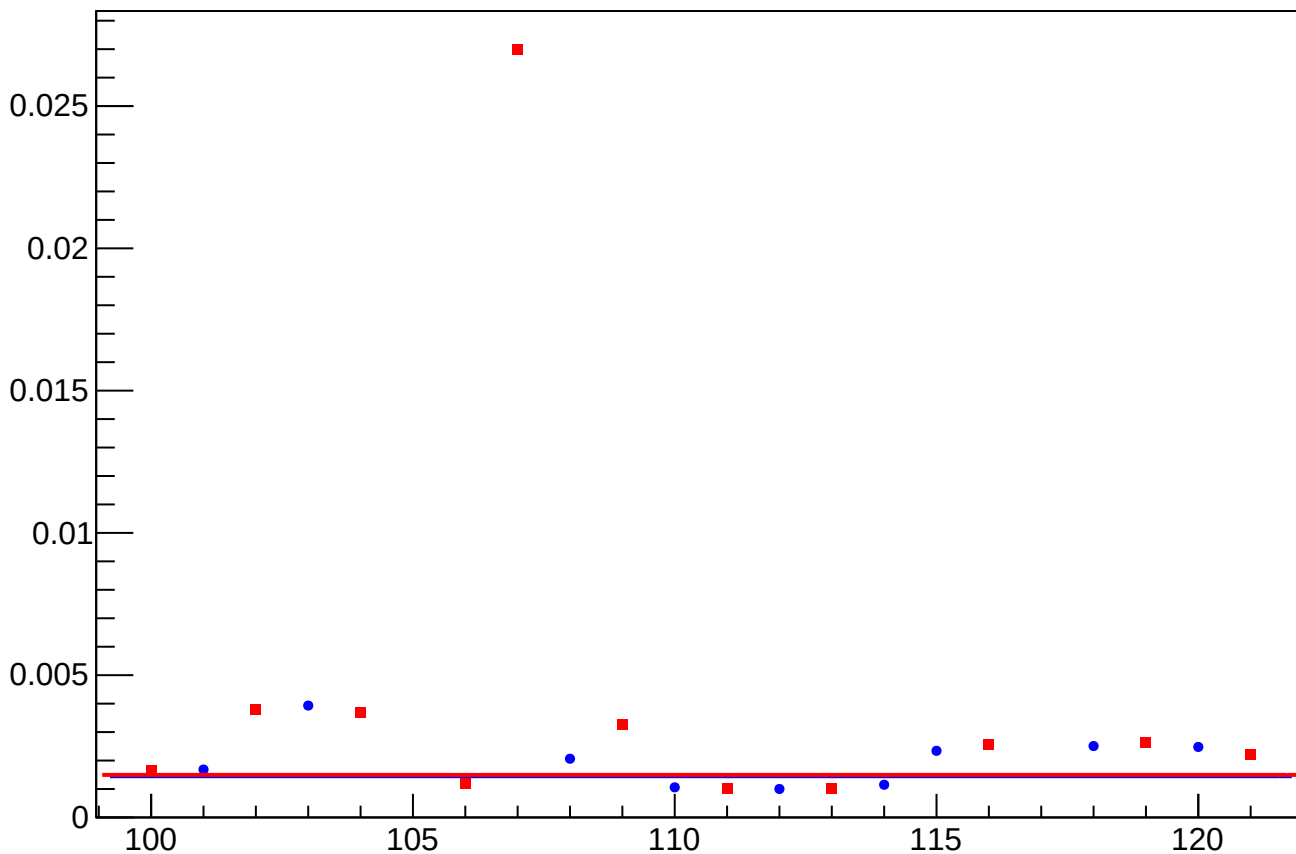
asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.3/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 8.4/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 14.7/19
 In: -0.000+/-0.000 χ^2 /NDF:6.3/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 14.7/19

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1247423.9/8

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2368668.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

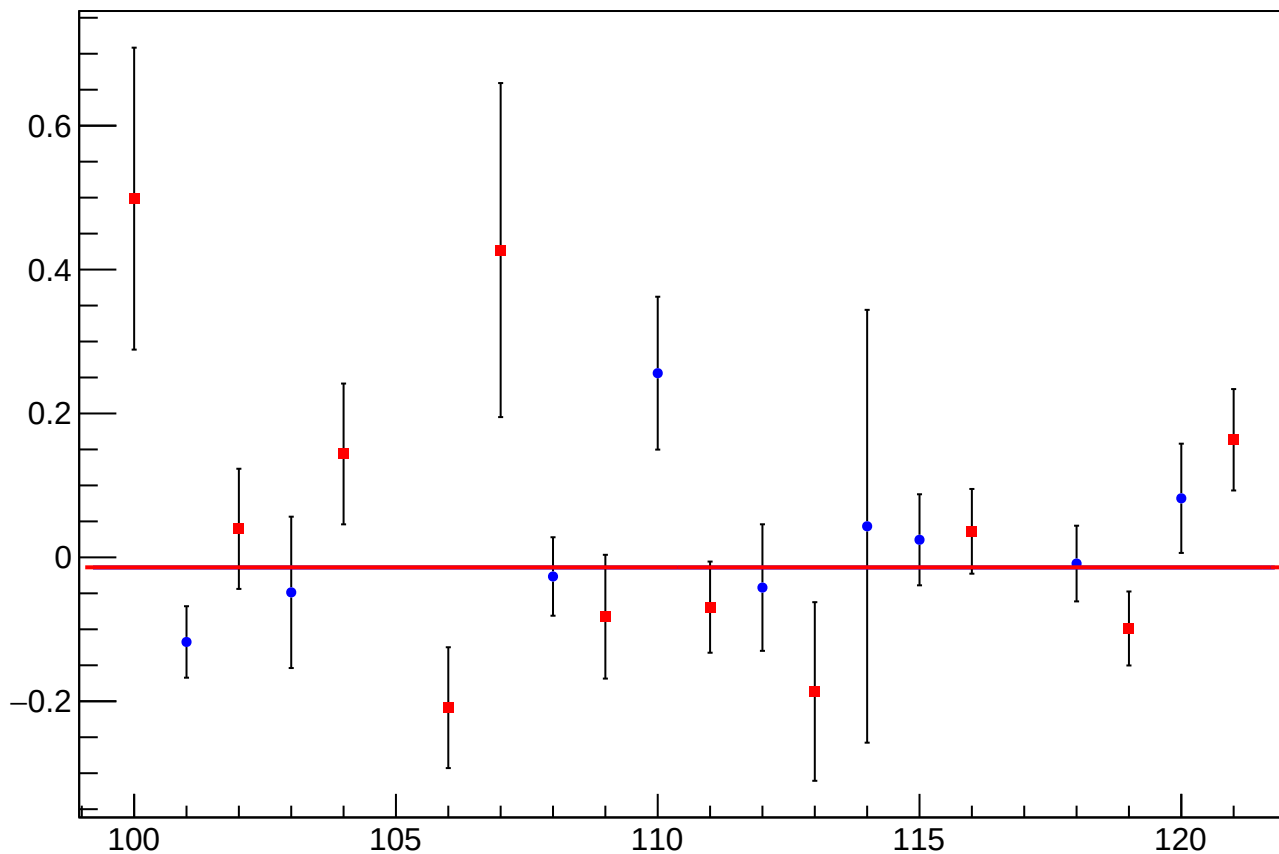
Right: 0.001+/-0.000 χ^2/NDF : 3619198.1/19

In: 0.001+/-0.000 χ^2/NDF :1247423.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3619198.1/19

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 13.1/8

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

Right Out: -0.014 $\pm$ 0.024 χ^2 /NDF: 31.1/10

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

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

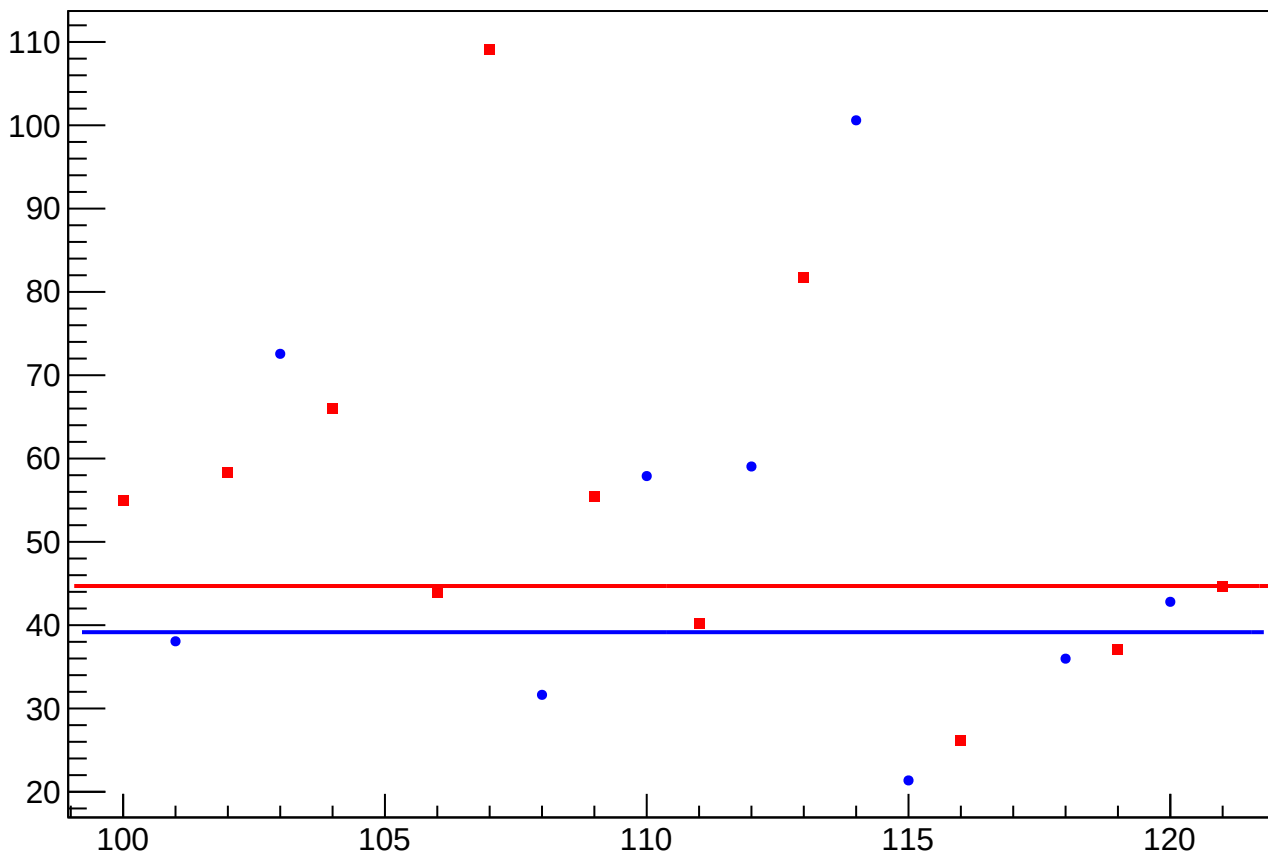
Right: -0.014 $\pm$ 0.017 χ^2 /NDF: 44.2/19

In: -0.014 $\pm$ 0.023 χ^2 /NDF:13.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.017 χ^2 /NDF: 44.2/19

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

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

Right Out: 44.701+/-0.017 χ^2/NDF : 766782.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

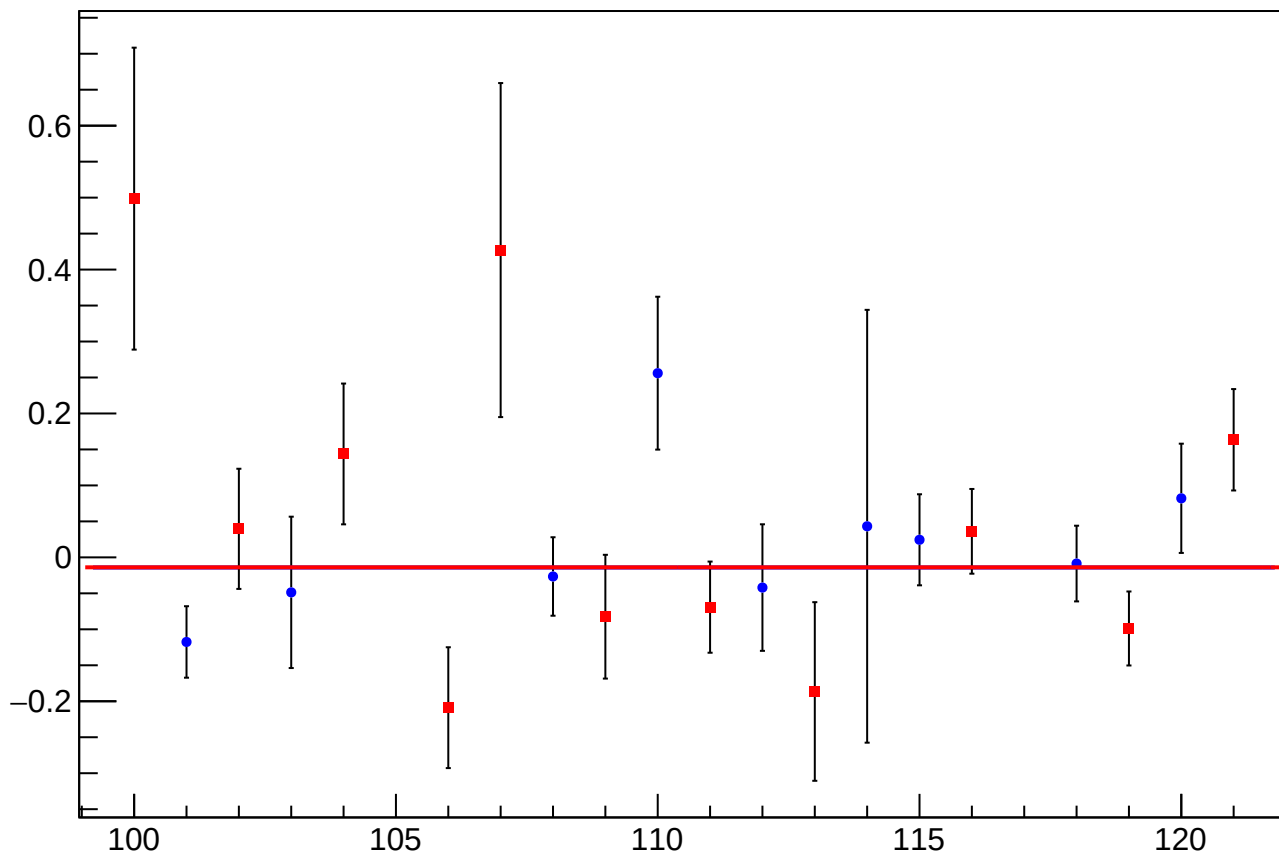
Right: 41.855+/-0.012 χ^2/NDF : 1480747.6/19

In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.855+/-0.012 χ^2/NDF : 1480747.6/19

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 13.1/8

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

Right Out: -0.014 $\pm$ 0.024 χ^2 /NDF: 31.1/10

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

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

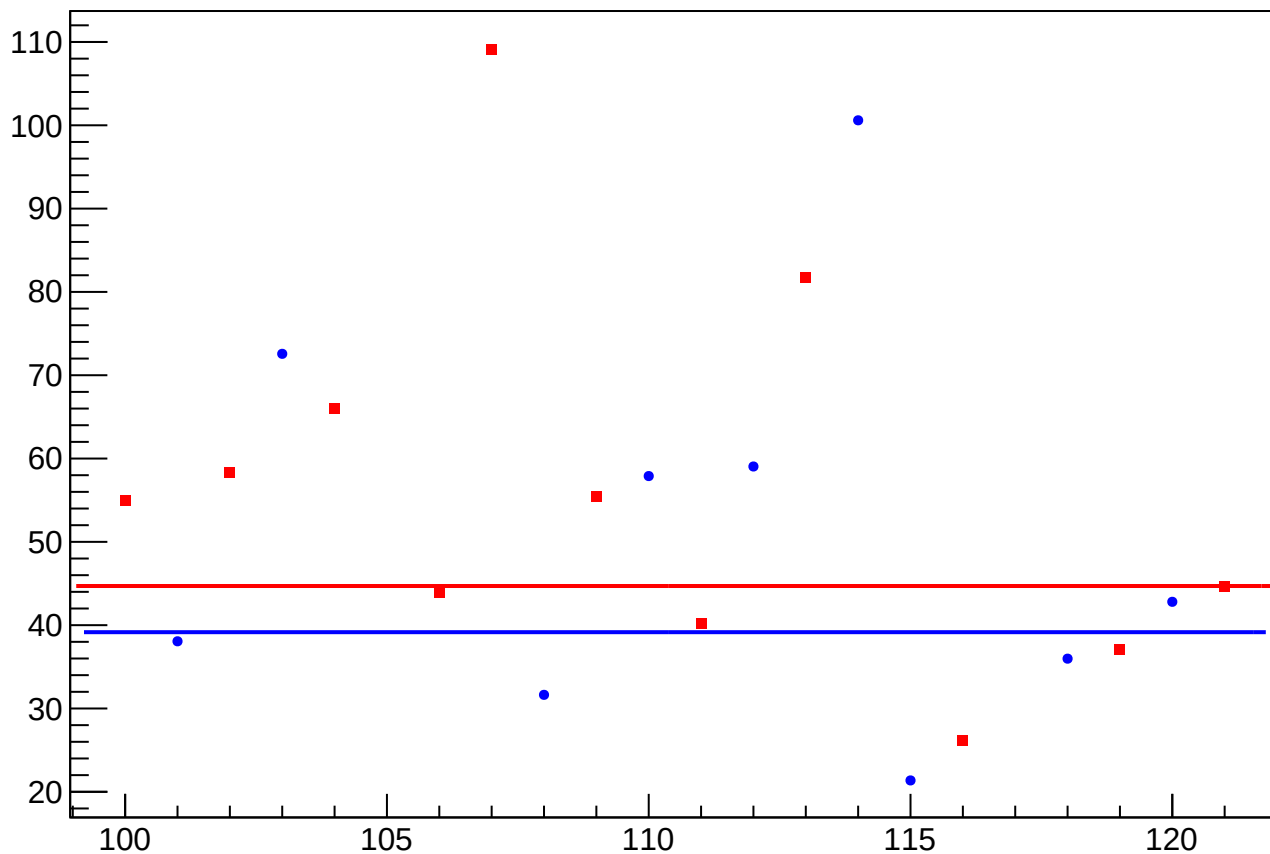
Right: -0.014 $\pm$ 0.017 χ^2 /NDF: 44.2/19

In: -0.014 $\pm$ 0.023 χ^2 /NDF:13.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.017 χ^2 /NDF: 44.2/19

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

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

Right Out: 44.701+/-0.017 χ^2/NDF : 766782.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

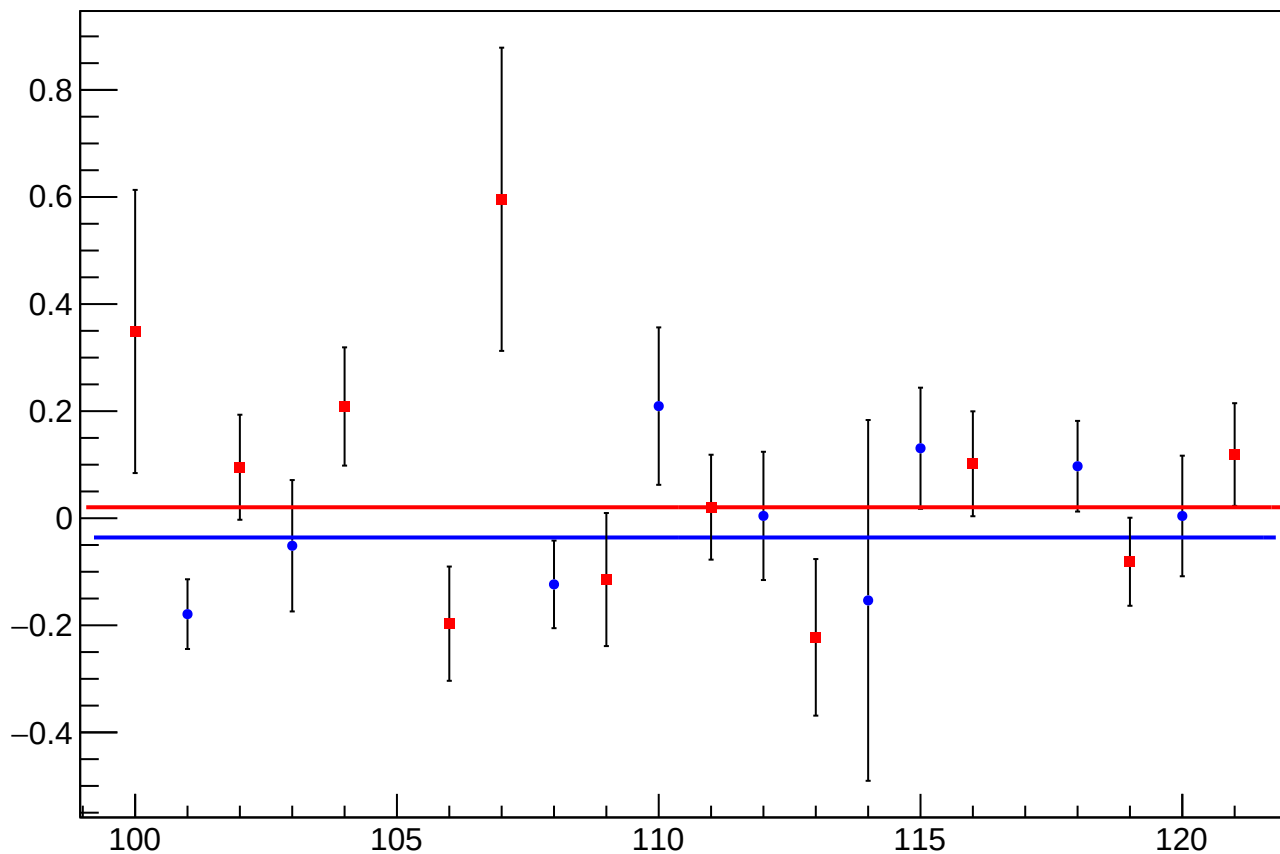
Right: 41.855+/-0.012 χ^2/NDF : 1480747.6/19

In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.855+/-0.012 χ^2/NDF : 1480747.6/19

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.034 χ^2 /NDF: 13.8/8

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

Right Out: 0.020 $\pm$ 0.034 χ^2 /NDF: 20.5/10

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

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

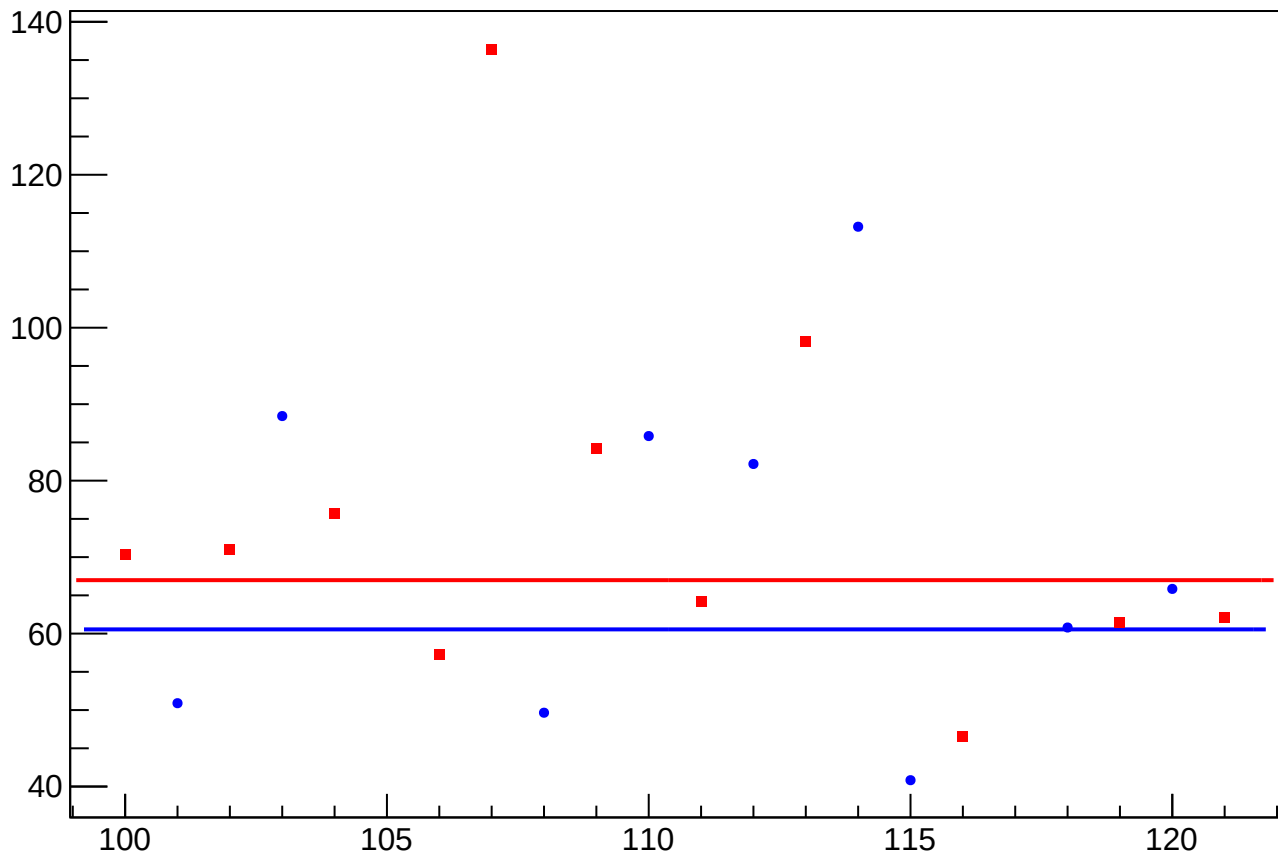
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 35.7/19

In: -0.036 $\pm$ 0.034 χ^2 /NDF:13.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 35.7/19

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.550+/-0.024 χ^2/NDF : 421245.5/8

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

Right Out: 66.988+/-0.024 χ^2/NDF : 385048.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

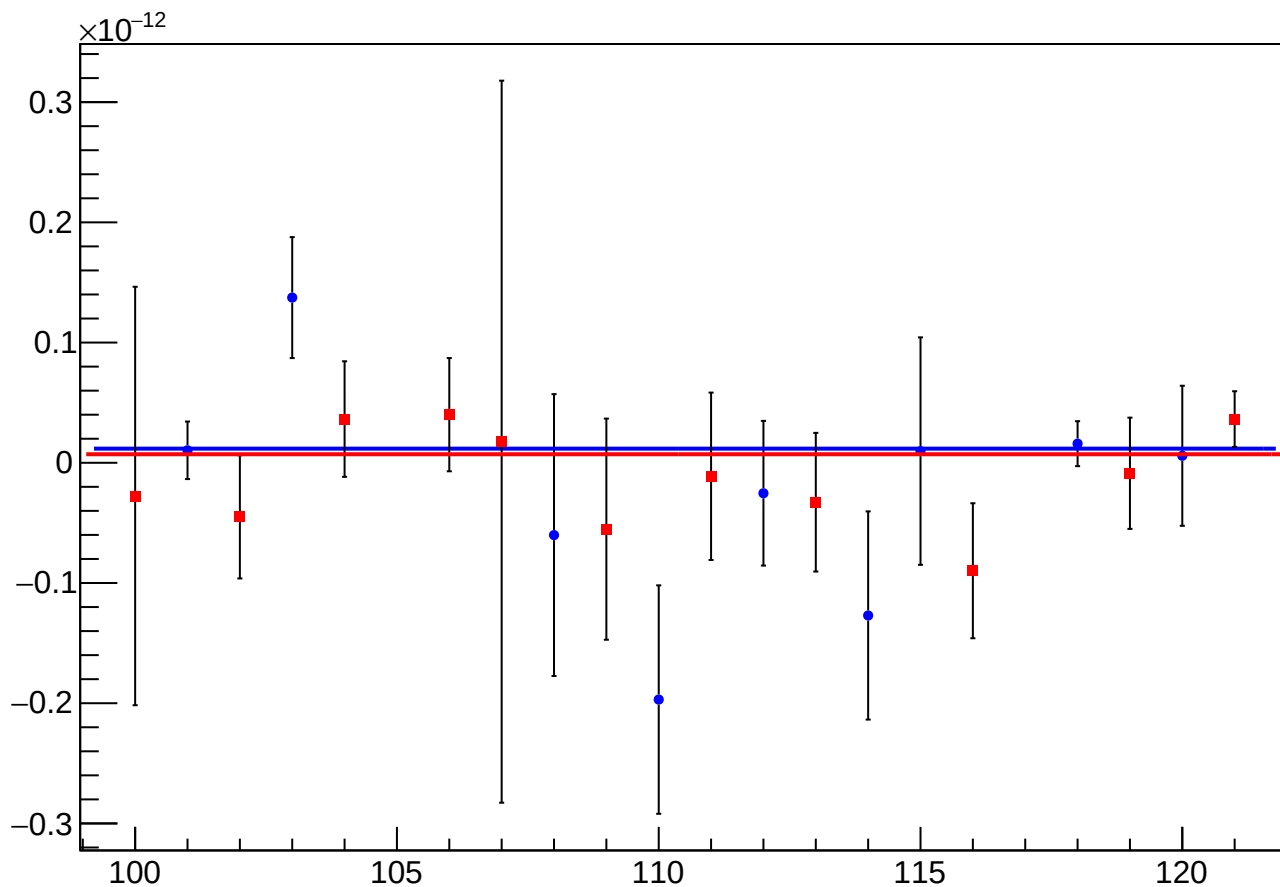
Right: 63.776+/-0.017 χ^2/NDF : 842556.6/19

In: 60.550+/-0.024 χ^2/NDF : 421245.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.776+/-0.017 χ^2/NDF : 842556.6/19

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

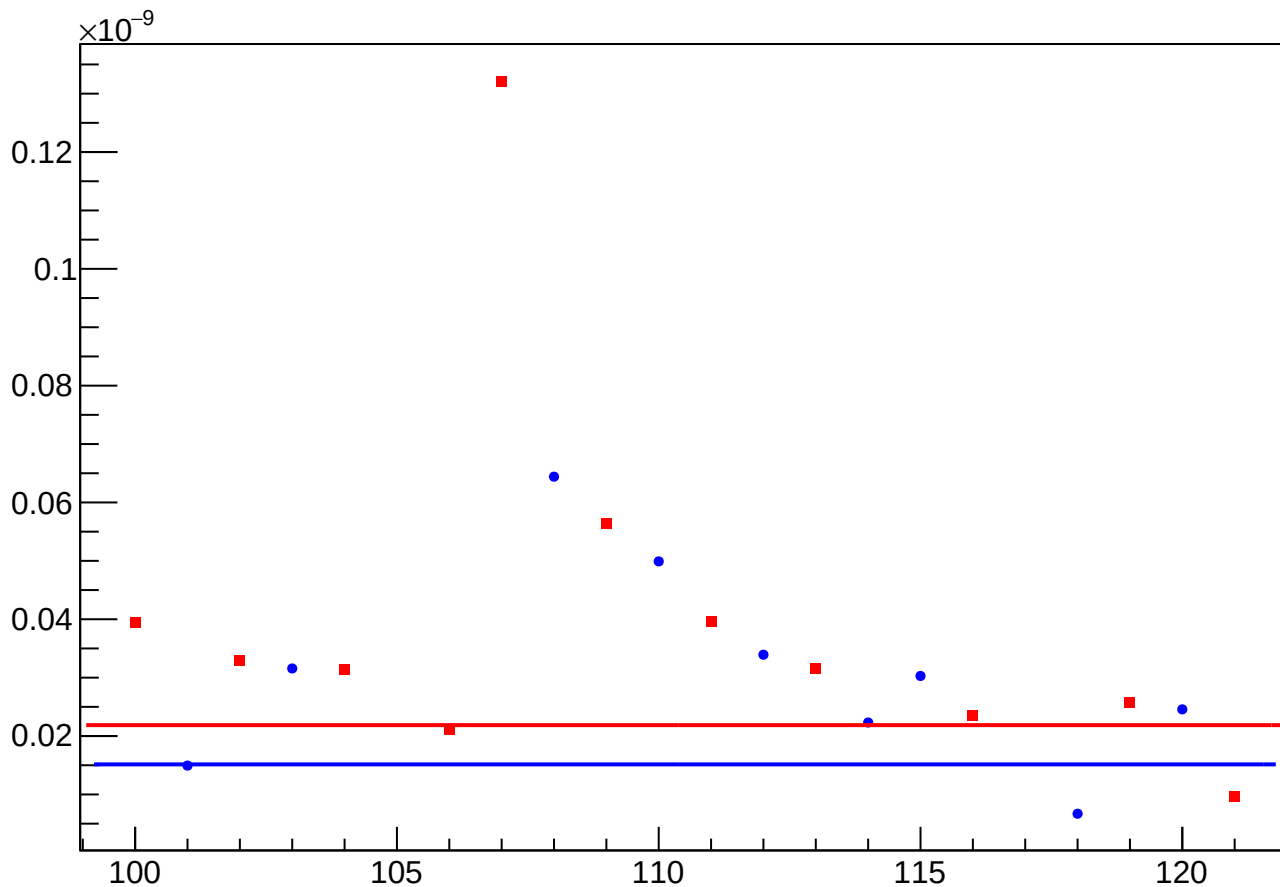
Right: 0.000+/-0.000 χ^2/NDF : 22.1/19

In: 0.000+/-0.000 χ^2/NDF : 14.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.1/19

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1554464.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1497849.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

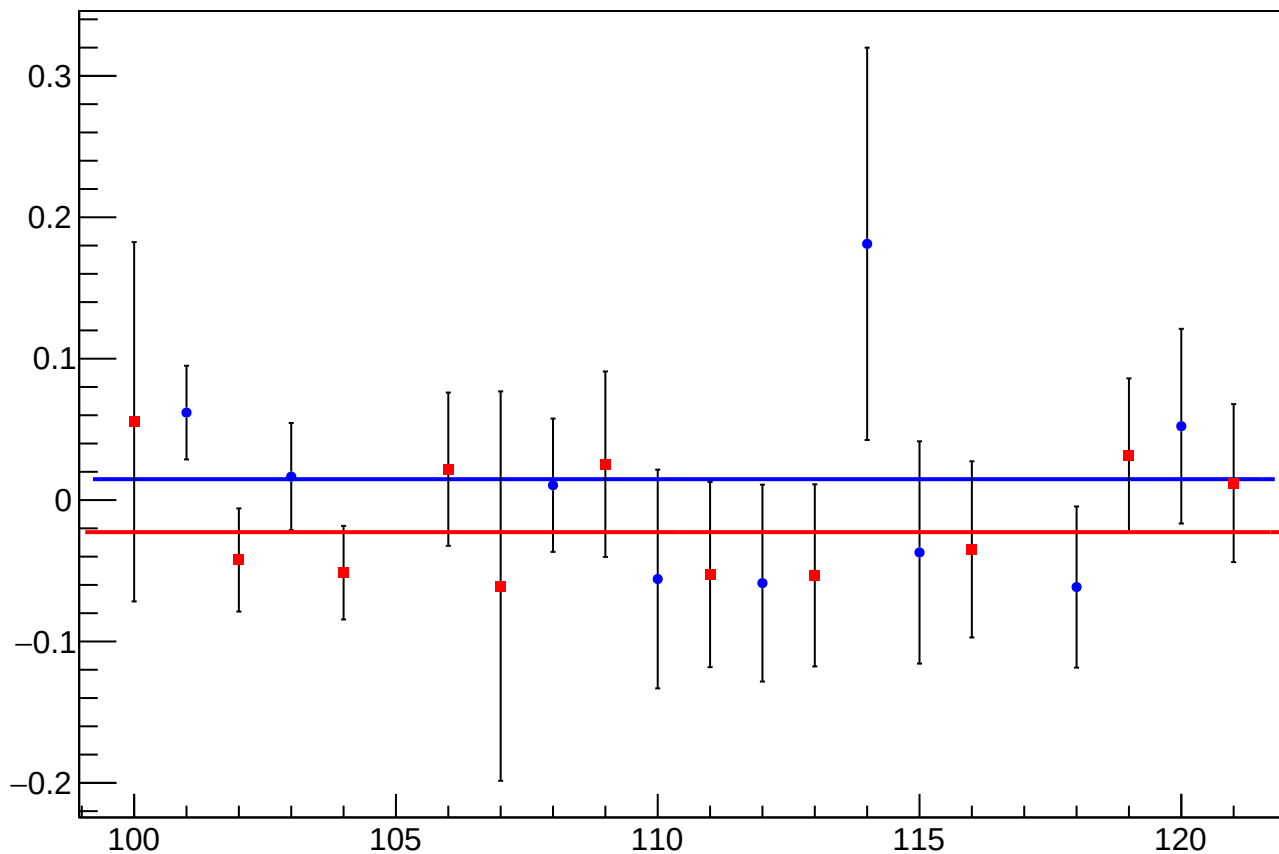
Right: 0.000+/-0.000 χ^2/NDF : 3287139.5/19

In: 0.000+/-0.000 χ^2/NDF : 1554464.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3287139.5/19

asym_usl_overload_cor_vs_slug, Sign Corrected



Right In: 0.015+/-0.018 χ^2/NDF : 7.9/8

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

Right Out: -0.023+/-0.016 χ^2/NDF : 4.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

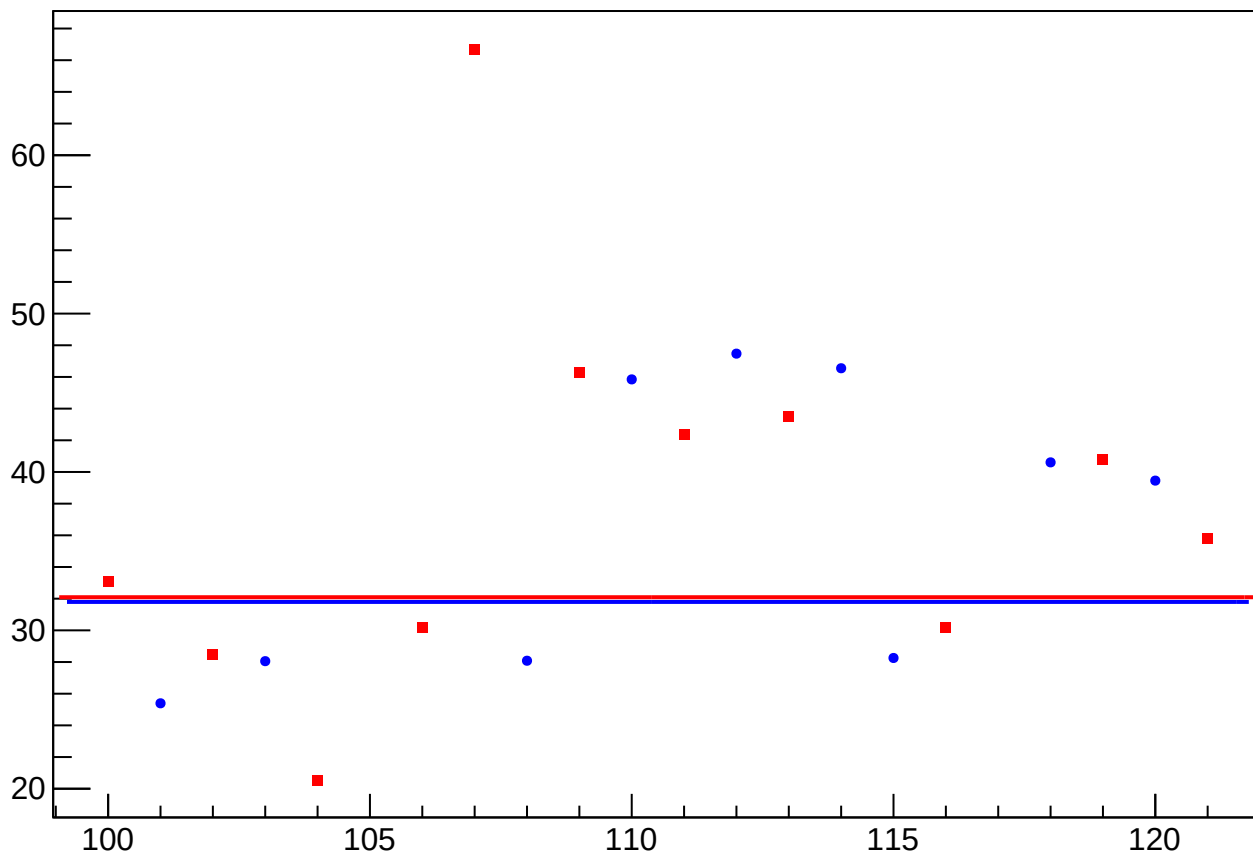
Right: -0.006+/-0.012 χ^2/NDF : 14.9/19

In: 0.015+/-0.018 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.012 χ^2/NDF : 14.9/19

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

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

Right Out: 32.091+/-0.012 χ^2/NDF : 660667.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

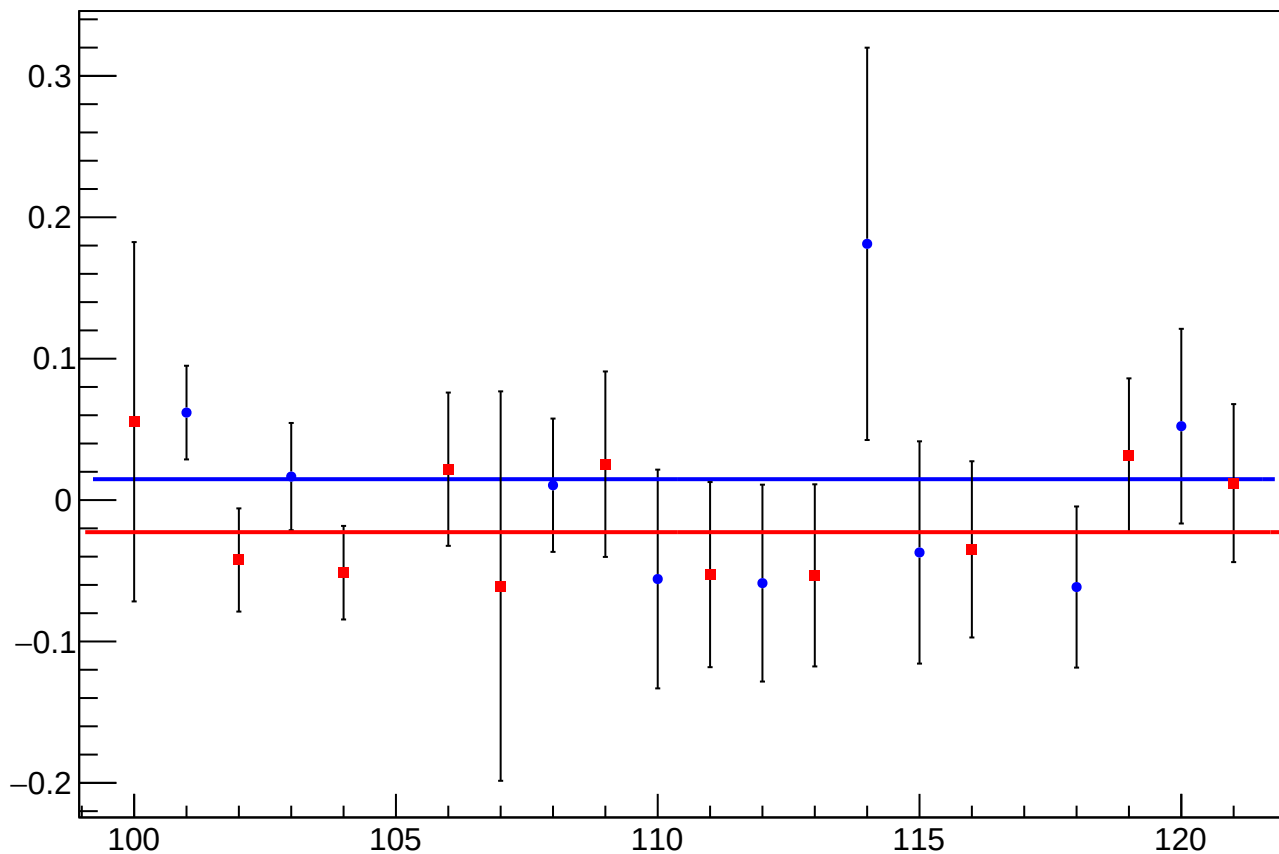
Right: 31.956+/-0.009 χ^2/NDF : 1034160.3/19

In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.956+/-0.009 χ^2/NDF : 1034160.3/19

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.018 χ^2 /NDF: 7.9/8

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

Right Out: -0.023 $\pm$ 0.016 χ^2 /NDF: 4.6/10

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

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

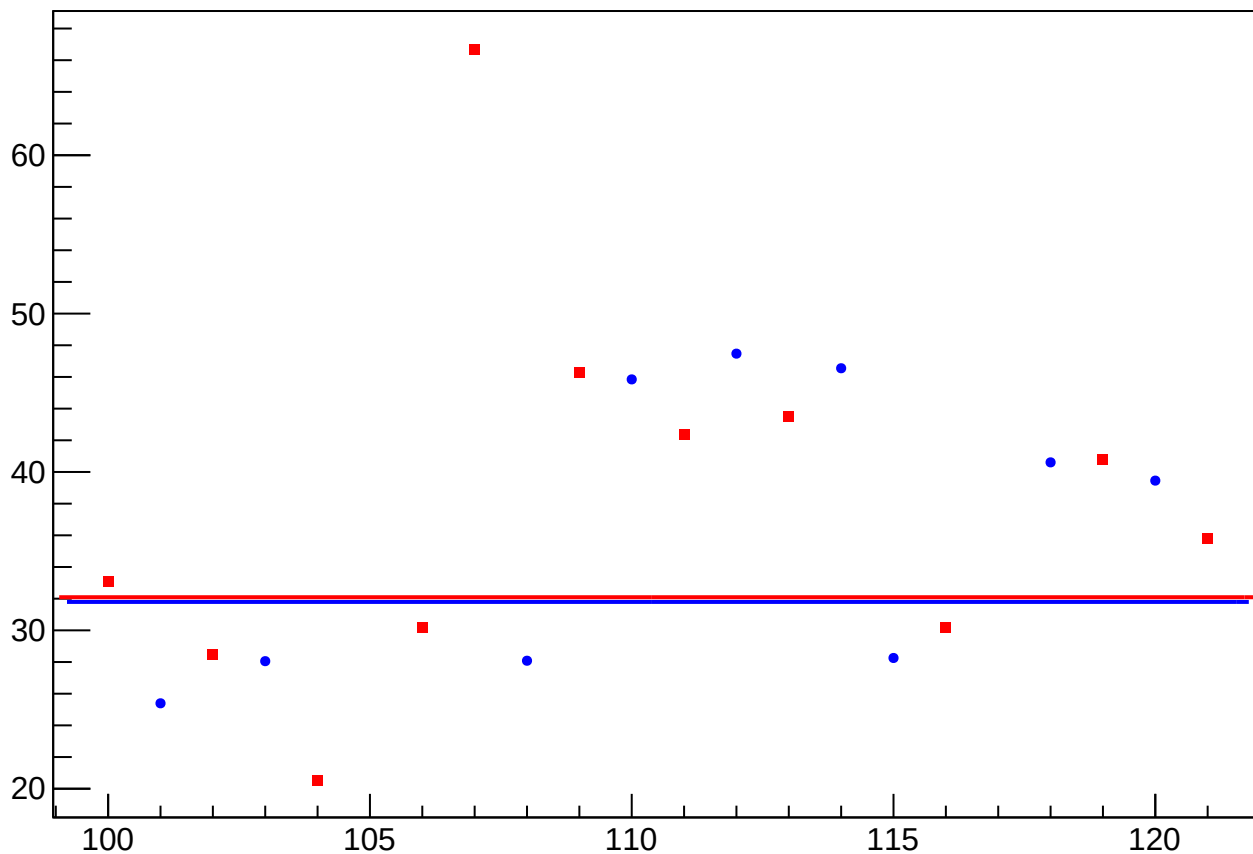
Right: -0.006 $\pm$ 0.012 χ^2 /NDF: 14.9/19

In: 0.015 $\pm$ 0.018 χ^2 /NDF:7.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.012 χ^2 /NDF: 14.9/19

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

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

Right Out: 32.091+/-0.012 χ^2/NDF : 660667.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

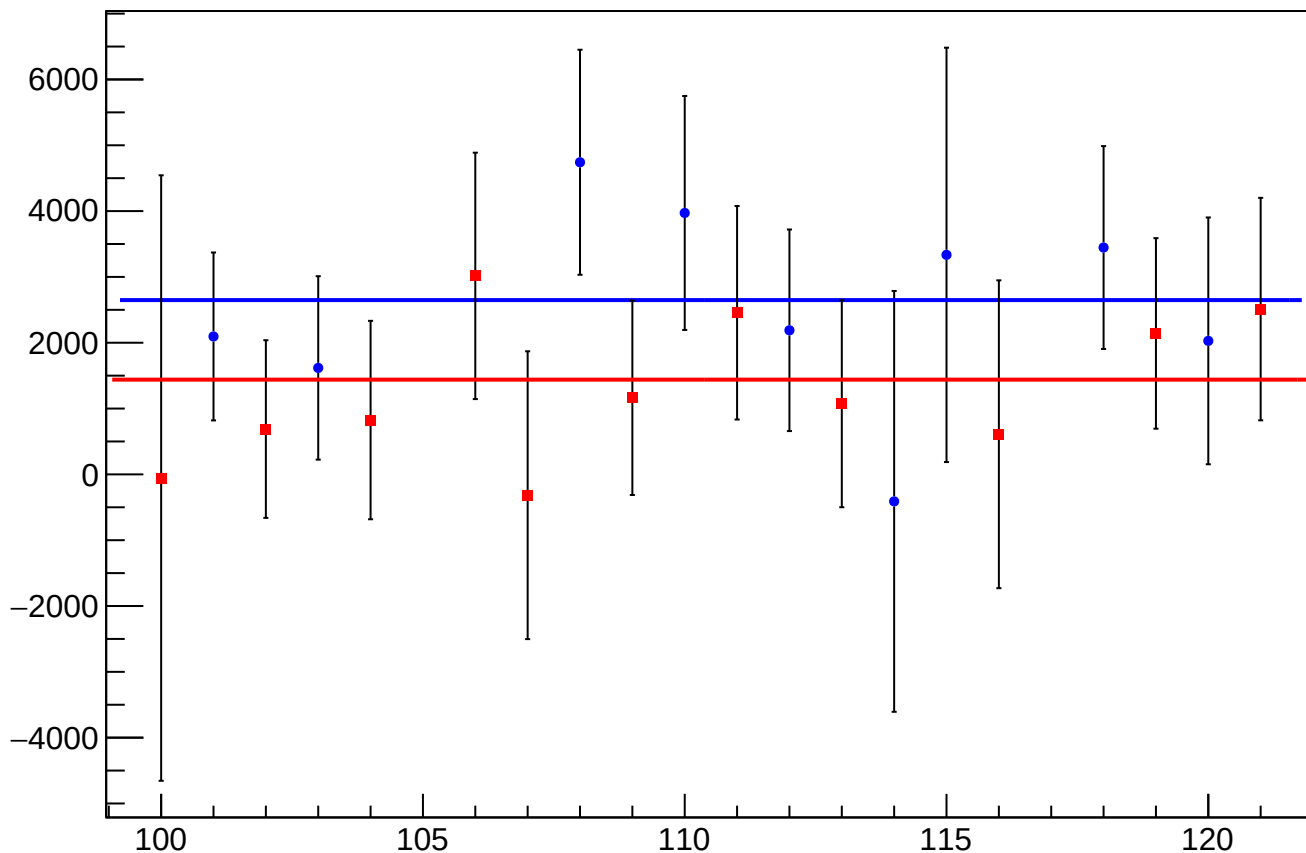
Right: 31.956+/-0.009 χ^2/NDF : 1034160.3/19

In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.956+/-0.009 χ^2/NDF : 1034160.3/19

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

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

Right Out: 1439.300+/-514.030 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

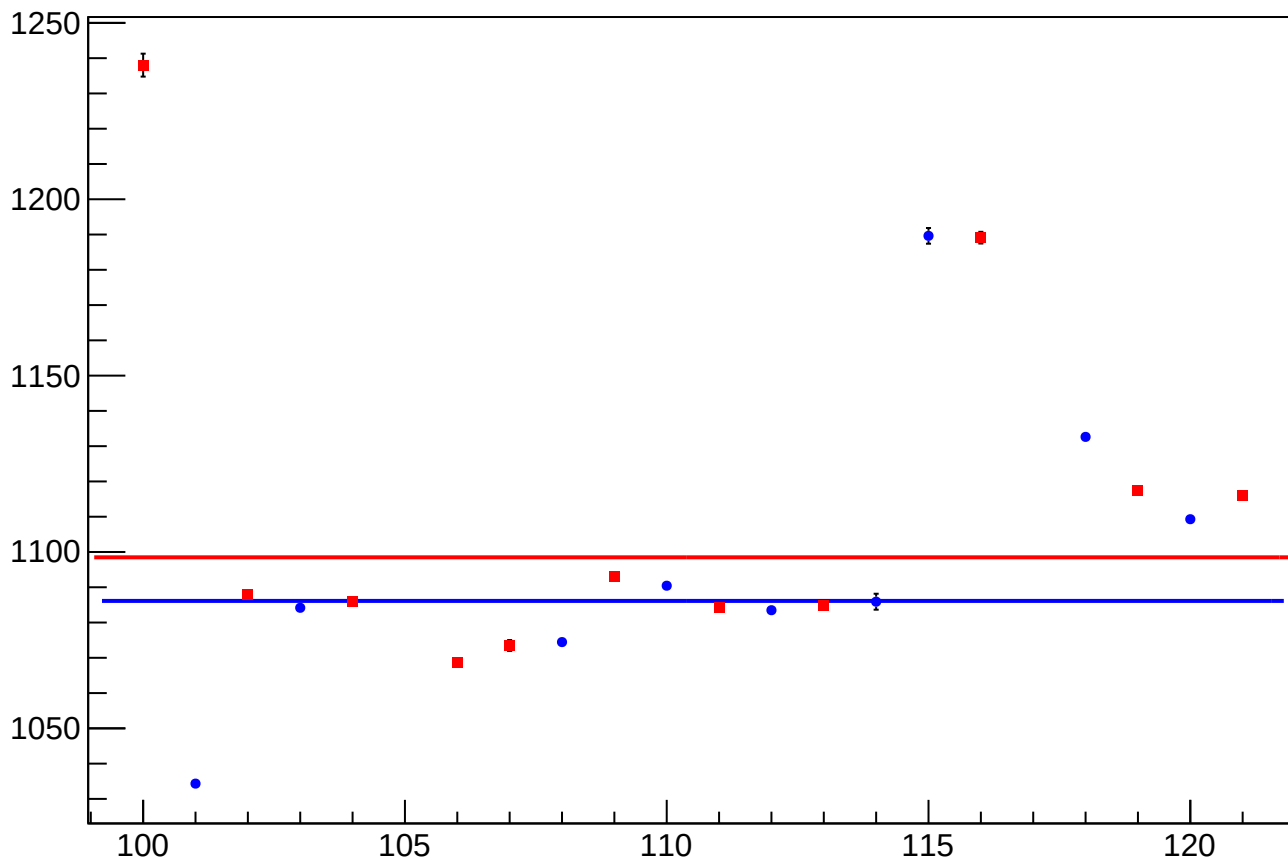
Right: 1985.349+/-380.583 χ^2/NDF : 9.9/19

In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.349+/-380.583 χ^2/NDF : 9.9/19

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

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

Right Out: 1098.486+/-0.363 χ^2/NDF : 6762.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

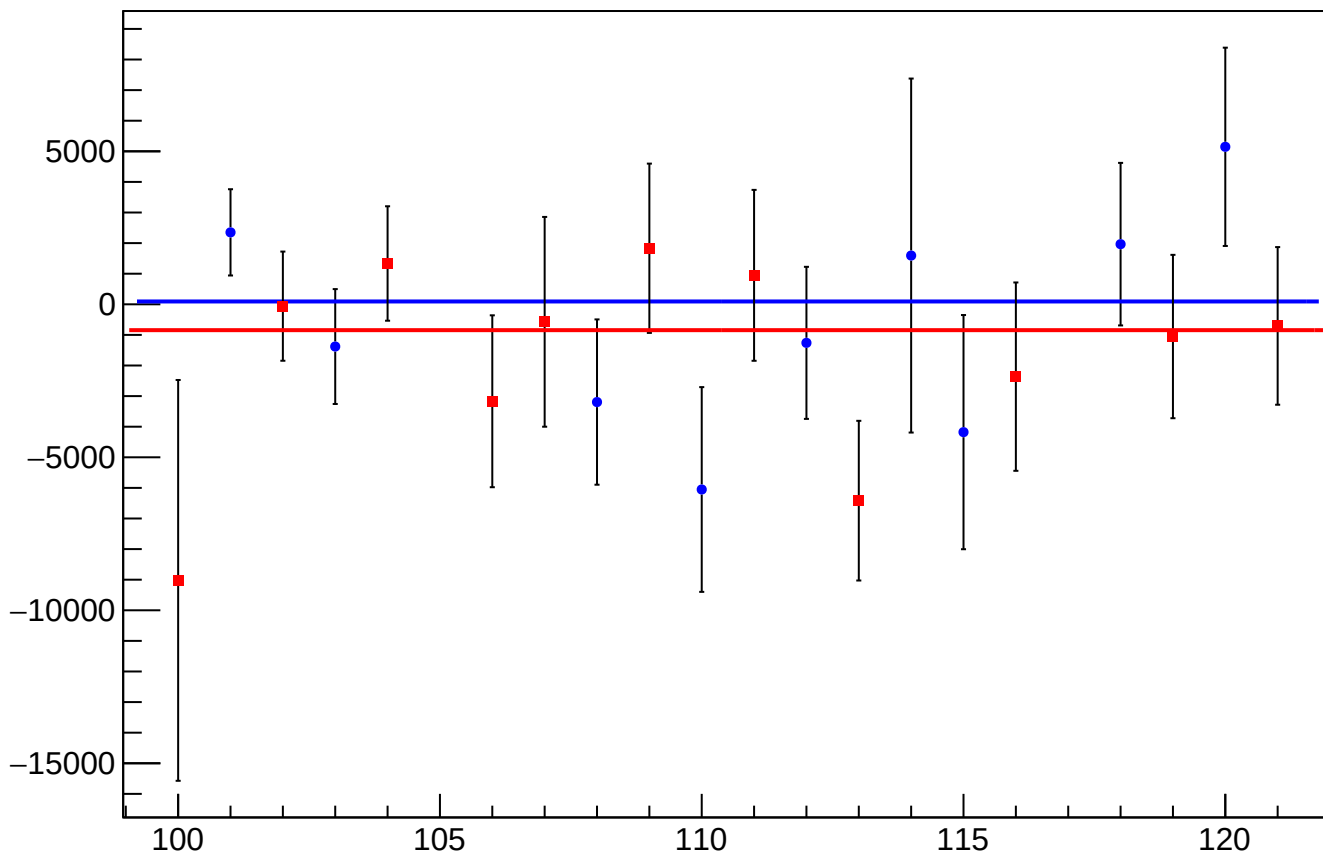
Right: 1092.903+/-0.269 χ^2/NDF : 14986.5/19

In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.903+/-0.269 χ^2/NDF : 14986.5/19

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 92.893+/-813.673 χ^2/NDF : 12.6/8

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

Right Out: -844.908+/-781.415 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

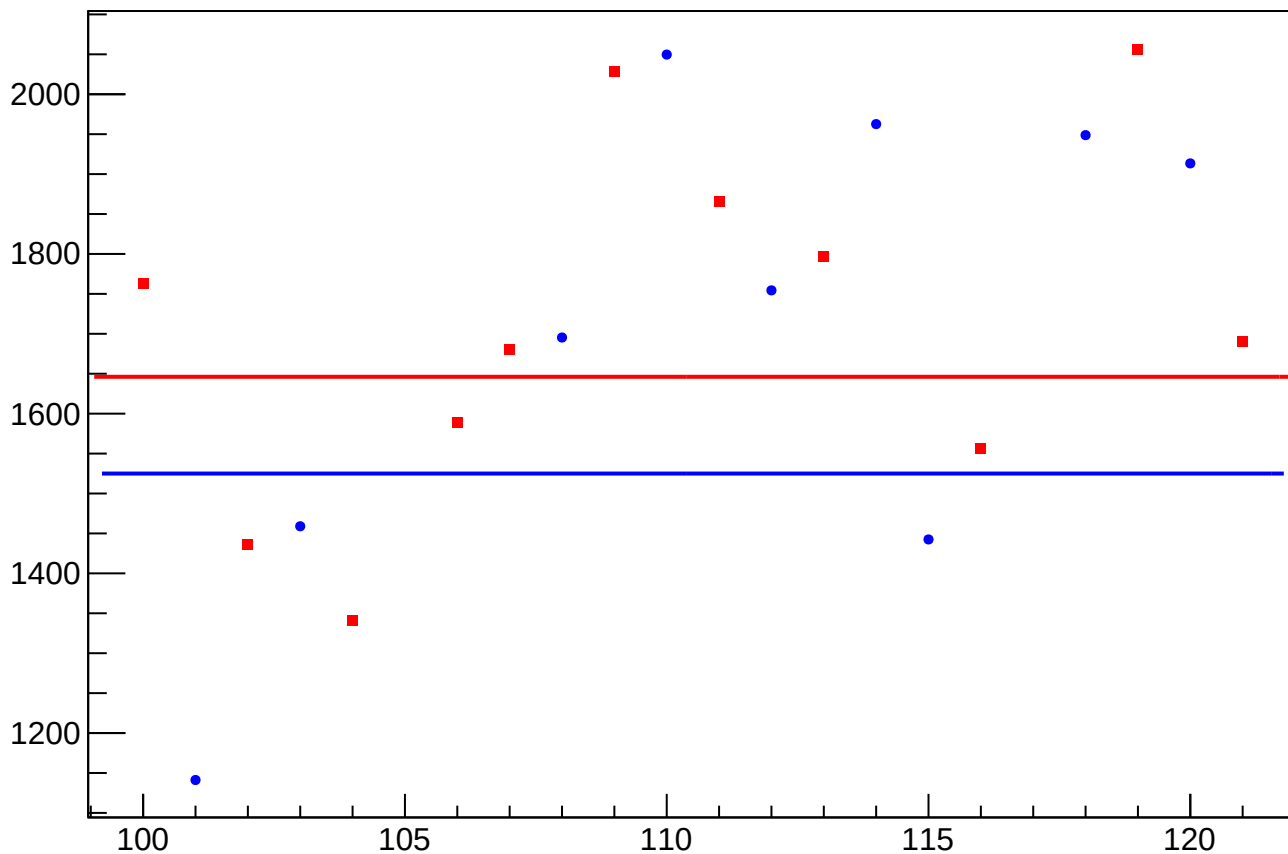
Right: -394.966+/-563.603 χ^2/NDF : 23.2/19

In: 92.893+/-813.673 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.966+/-563.603 χ^2/NDF : 23.2/19

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

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

Right Out: 1646.173+/-0.553 χ^2/NDF : 189378.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

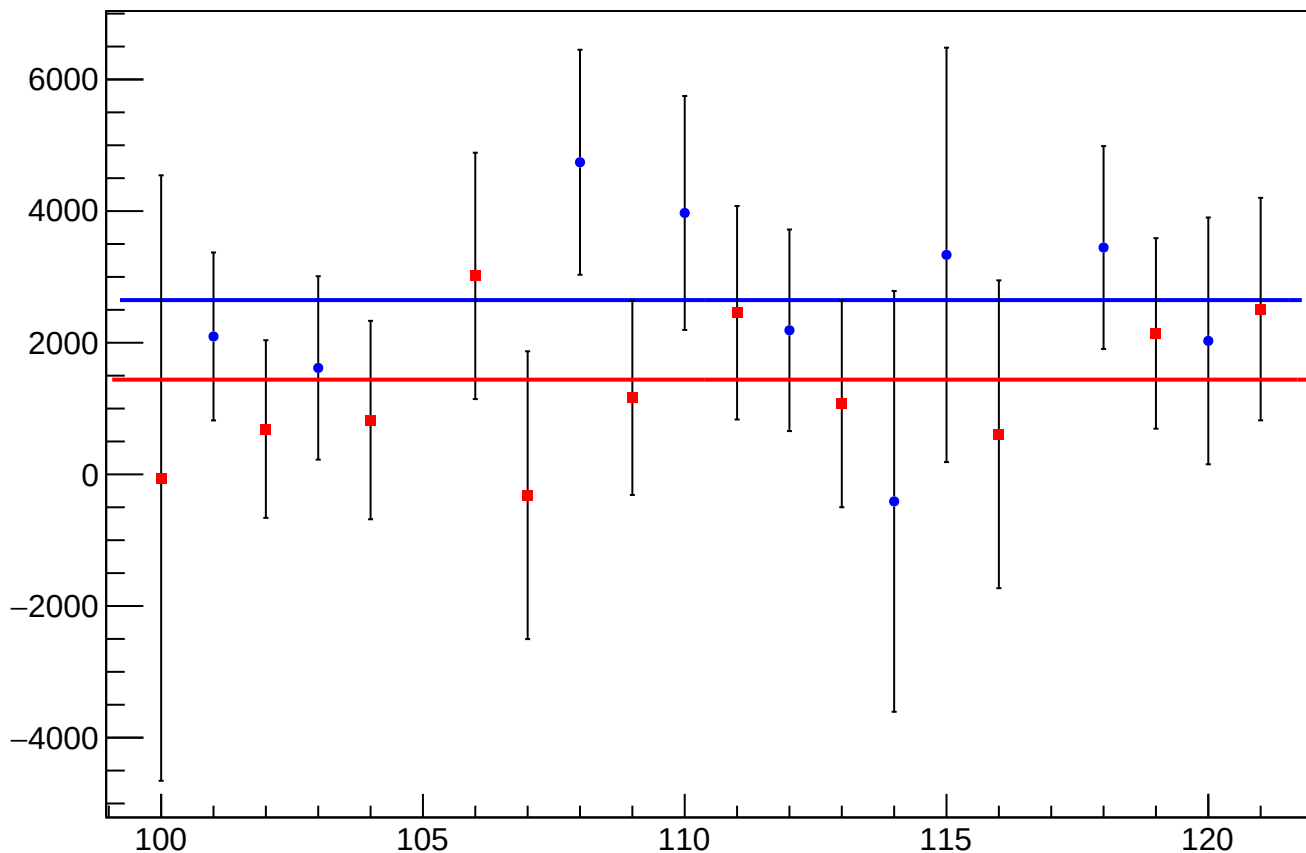
Right: 1588.029+/-0.399 χ^2/NDF : 529382.6/19

In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.029+/-0.399 χ^2/NDF : 529382.6/19

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

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

Right Out: 1439.300+/-514.030 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

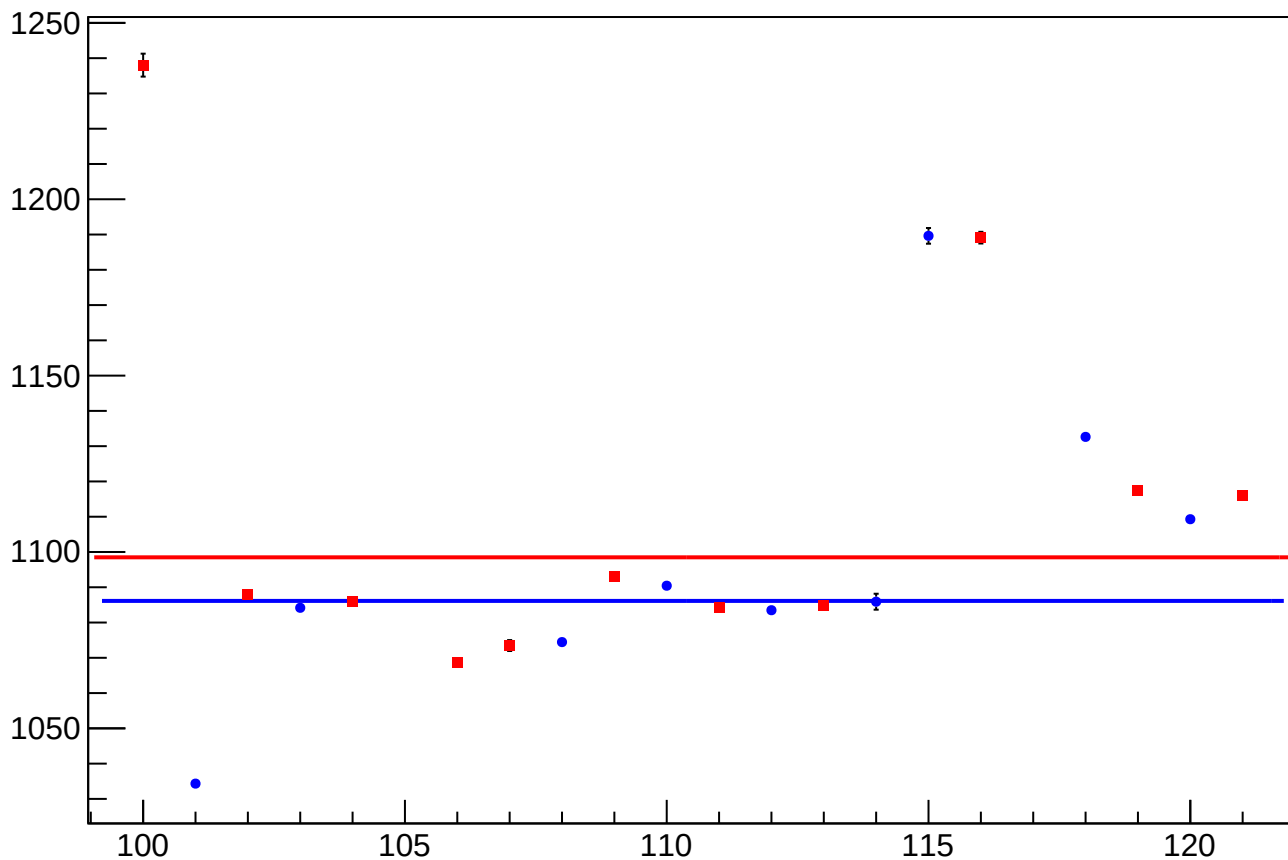
Right: 1985.349+/-380.583 χ^2/NDF : 9.9/19

In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.349+/-380.583 χ^2/NDF : 9.9/19

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

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

Right Out: 1098.486+/-0.363 χ^2/NDF : 6762.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

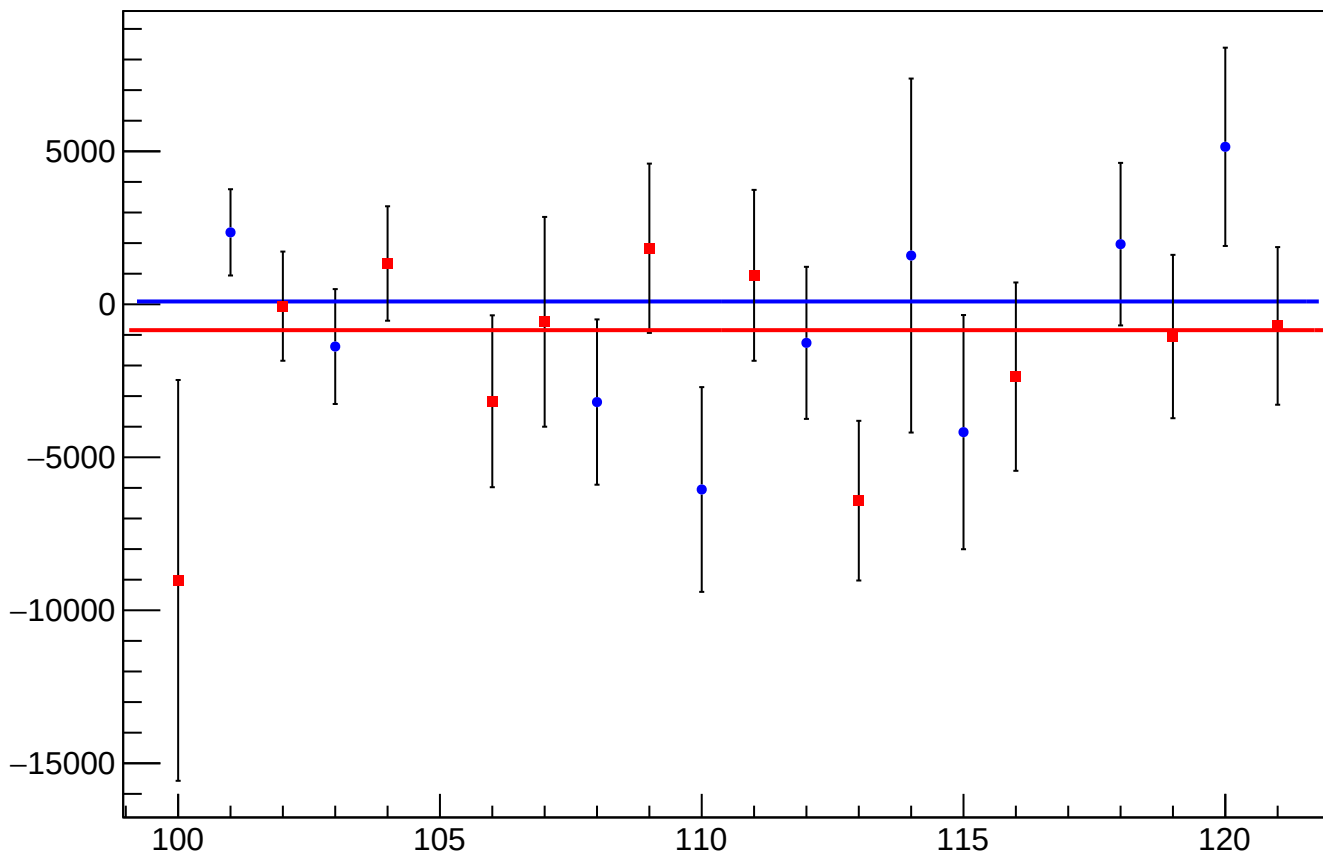
Right: 1092.903+/-0.269 χ^2/NDF : 14986.5/19

In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.903+/-0.269 χ^2/NDF : 14986.5/19

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 92.893+/-813.673 χ^2/NDF : 12.6/8

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

Right Out: -844.908+/-781.415 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

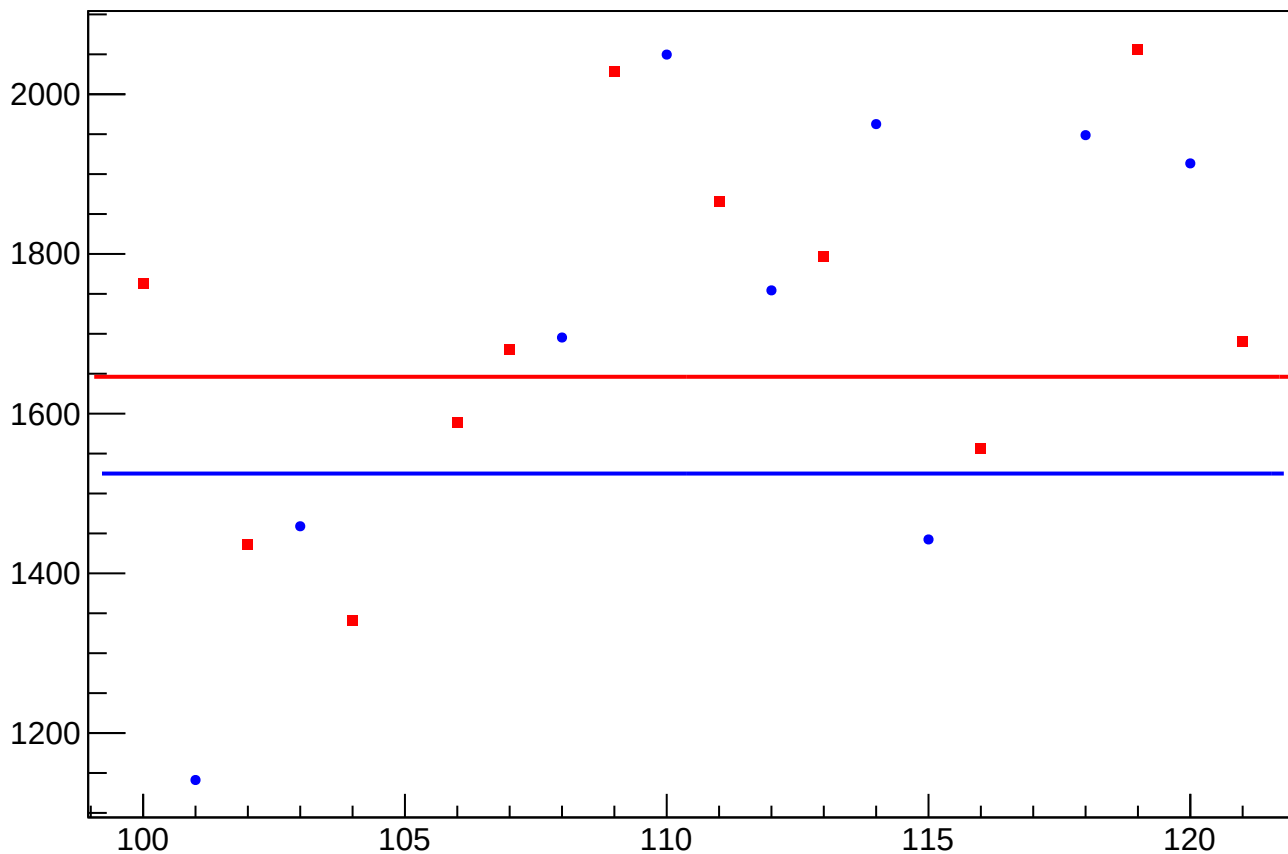
Right: -394.966+/-563.603 χ^2/NDF : 23.2/19

In: 92.893+/-813.673 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.966+/-563.603 χ^2/NDF : 23.2/19

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

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

Right Out: 1646.173+/-0.553 χ^2/NDF : 189378.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

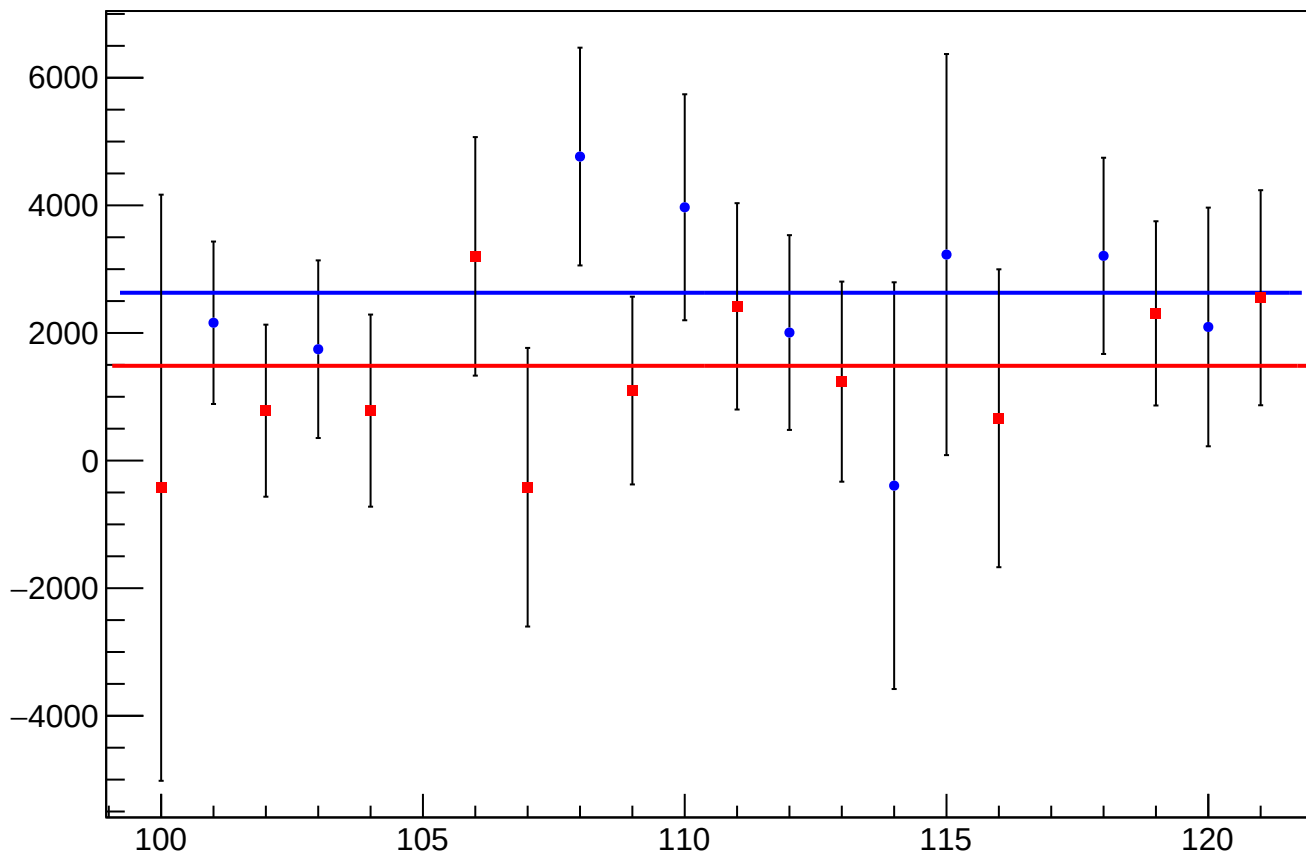
Right: 1588.029+/-0.399 χ^2/NDF : 529382.6/19

In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.029+/-0.399 χ^2/NDF : 529382.6/19

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2630.313+/-564.962 χ^2/NDF : 4.0/8

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

Right Out: 1485.303+/-512.927 χ^2/NDF : 3.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

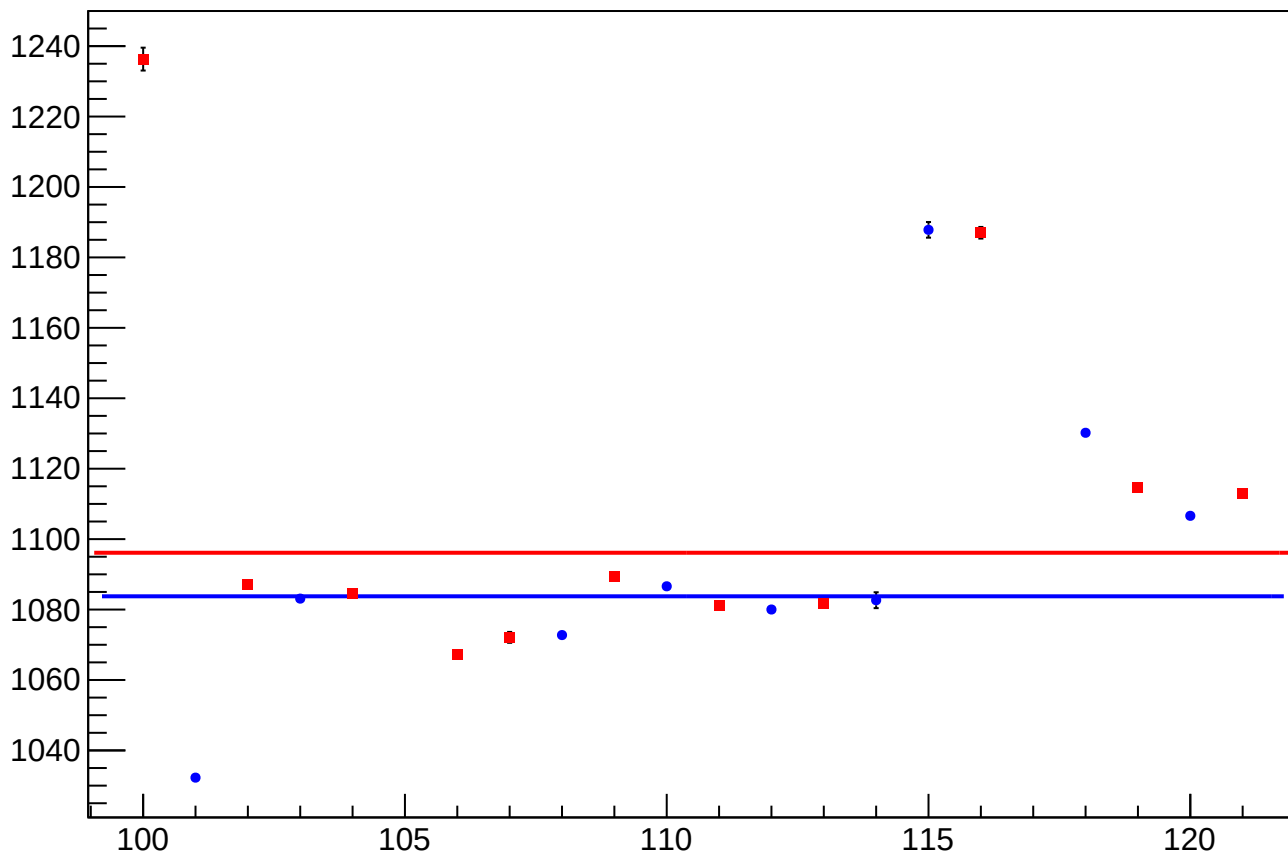
Right: 2002.662+/-379.761 χ^2/NDF : 9.8/19

In: 2630.313+/-564.962 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.662+/-379.761 χ^2/NDF : 9.8/19

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1083.764+/-0.399 χ^2/NDF : 7688.0/8

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

Right Out: 1096.131+/-0.363 χ^2/NDF : 6730.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

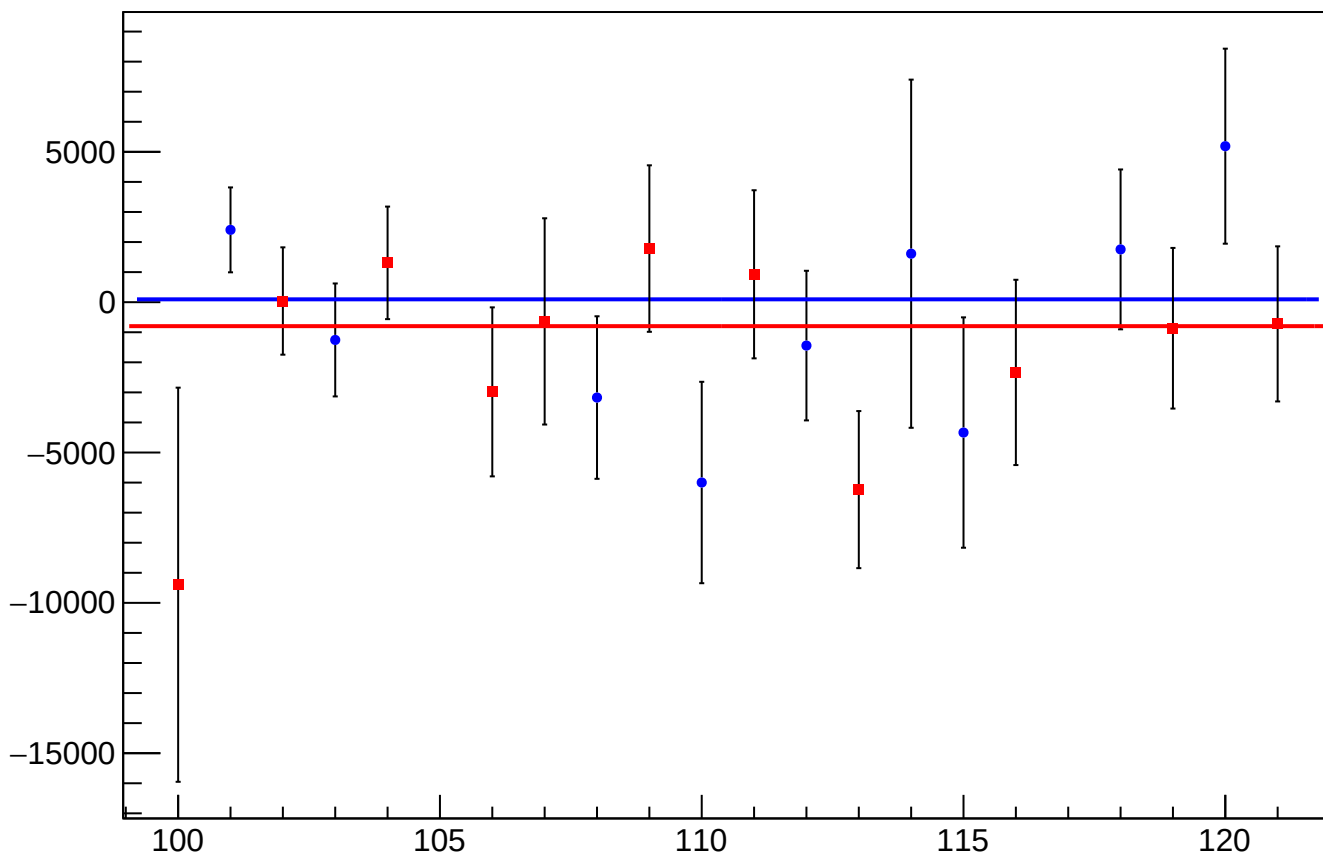
Right: 1090.543+/-0.269 χ^2/NDF : 14943.6/19

In: 1083.764+/-0.399 χ^2/NDF : 7688.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.543+/-0.269 χ^2/NDF : 14943.6/19

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 94.757+/-814.557 χ^2/NDF : 12.6/8

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

Right Out: -797.126+/-782.059 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

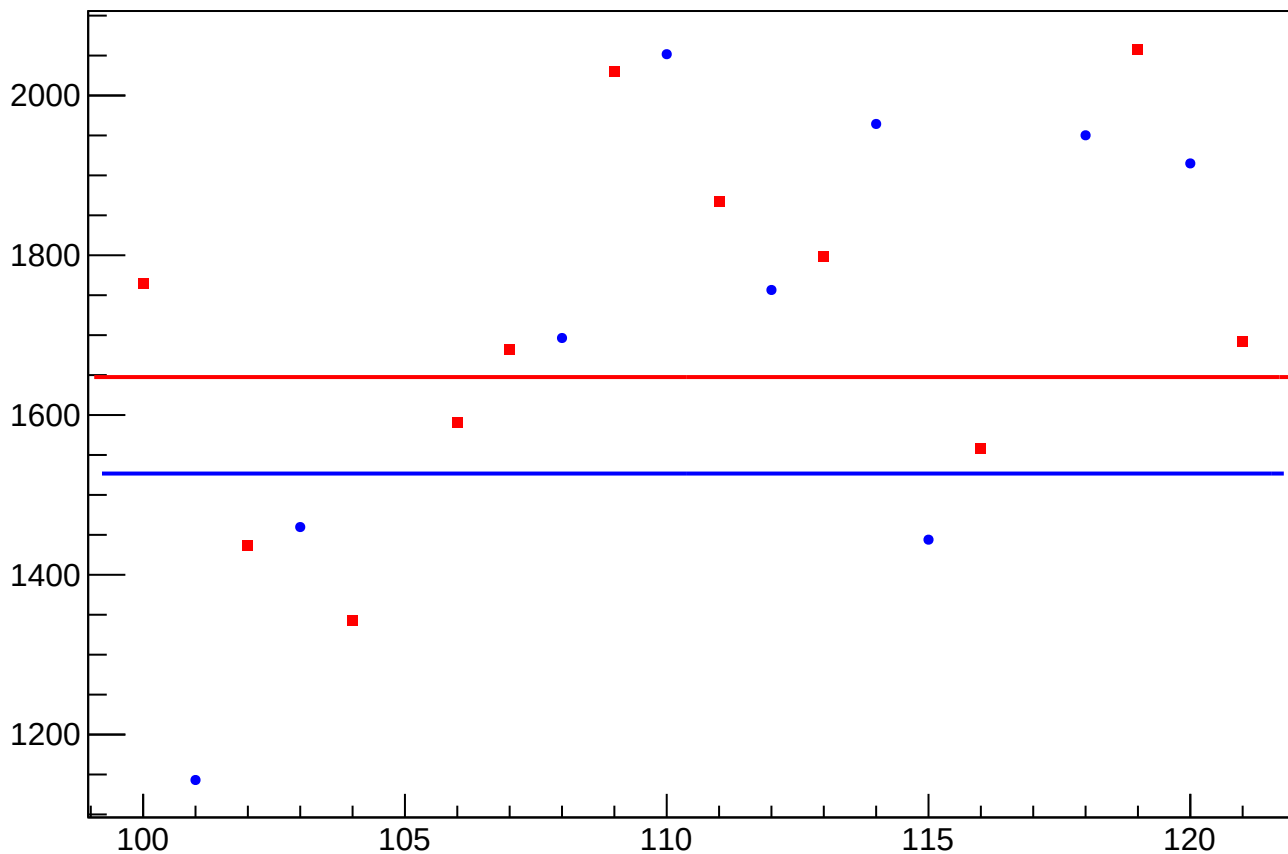
Right: -369.330+/-564.138 χ^2/NDF : 22.9/19

In: 94.757+/-814.557 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.330+/-564.138 χ^2/NDF : 22.9/19

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1526.745+/-0.576 χ^2/NDF : 316047.5/8

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

Right Out: 1647.528+/-0.553 χ^2/NDF : 189588.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

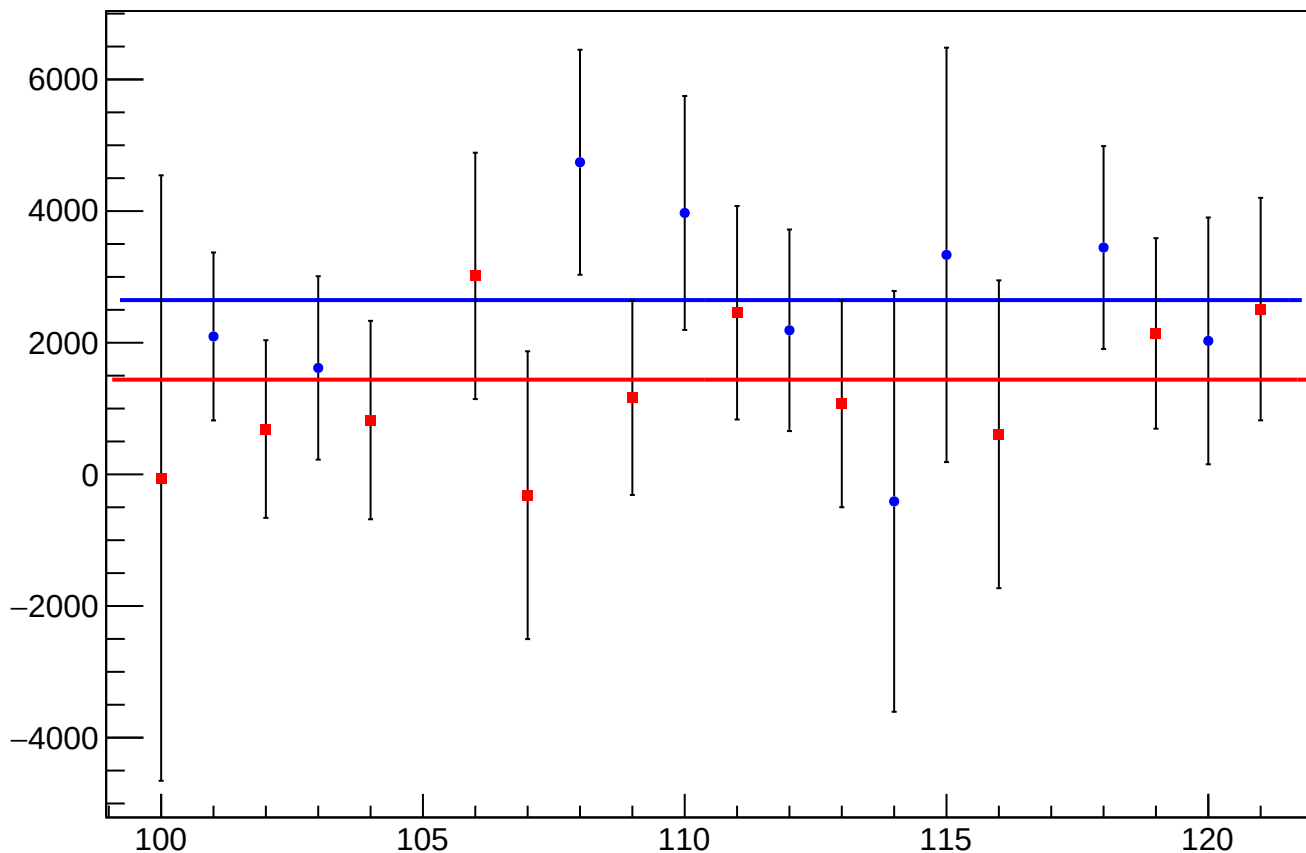
Right: 1589.594+/-0.399 χ^2/NDF : 528518.0/19

In: 1526.745+/-0.576 χ^2/NDF : 316047.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.594+/-0.399 χ^2/NDF : 528518.0/19

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

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

Right Out: 1439.300+/-514.030 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

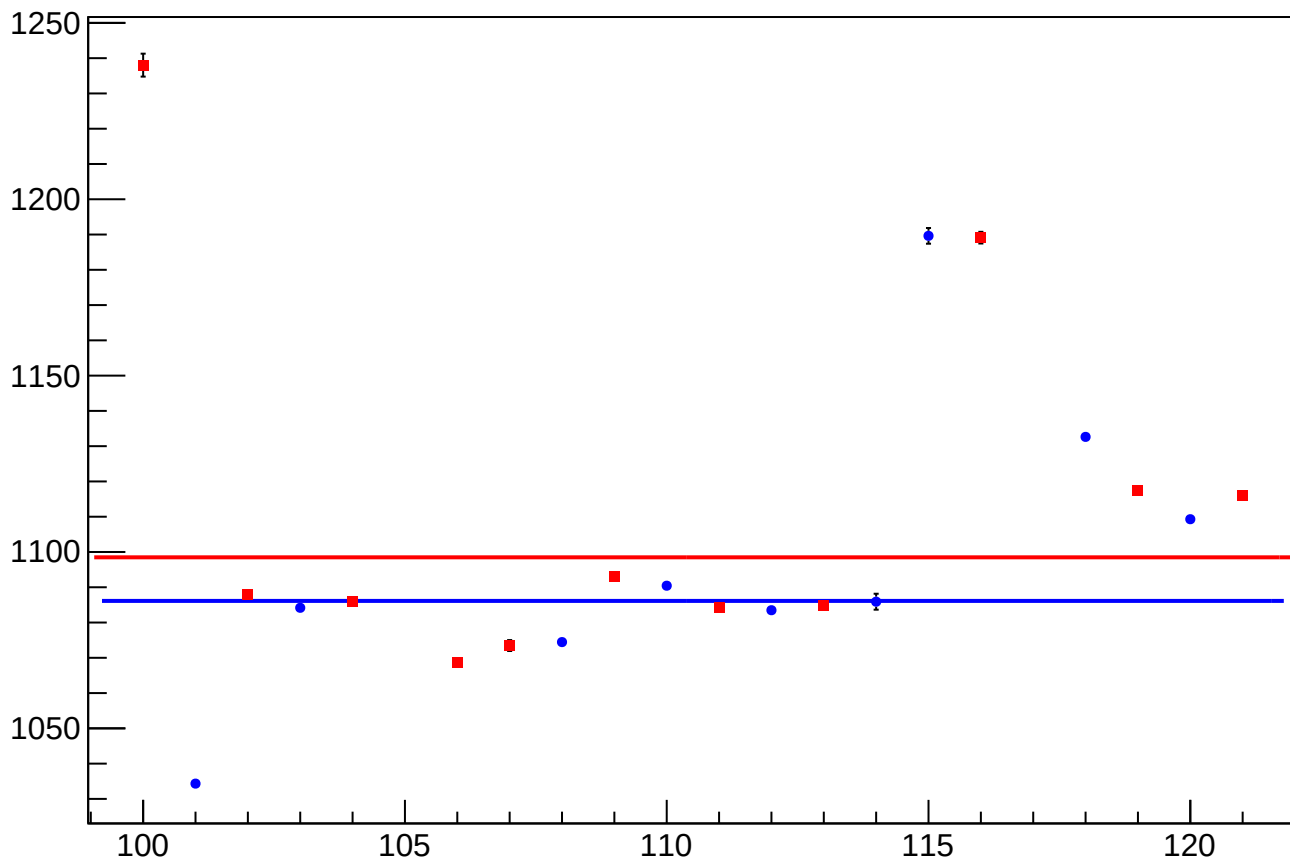
Right: 1985.349+/-380.583 χ^2/NDF : 9.9/19

In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.349+/-380.583 χ^2/NDF : 9.9/19

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

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

Right Out: 1098.486+/-0.363 χ^2/NDF : 6762.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

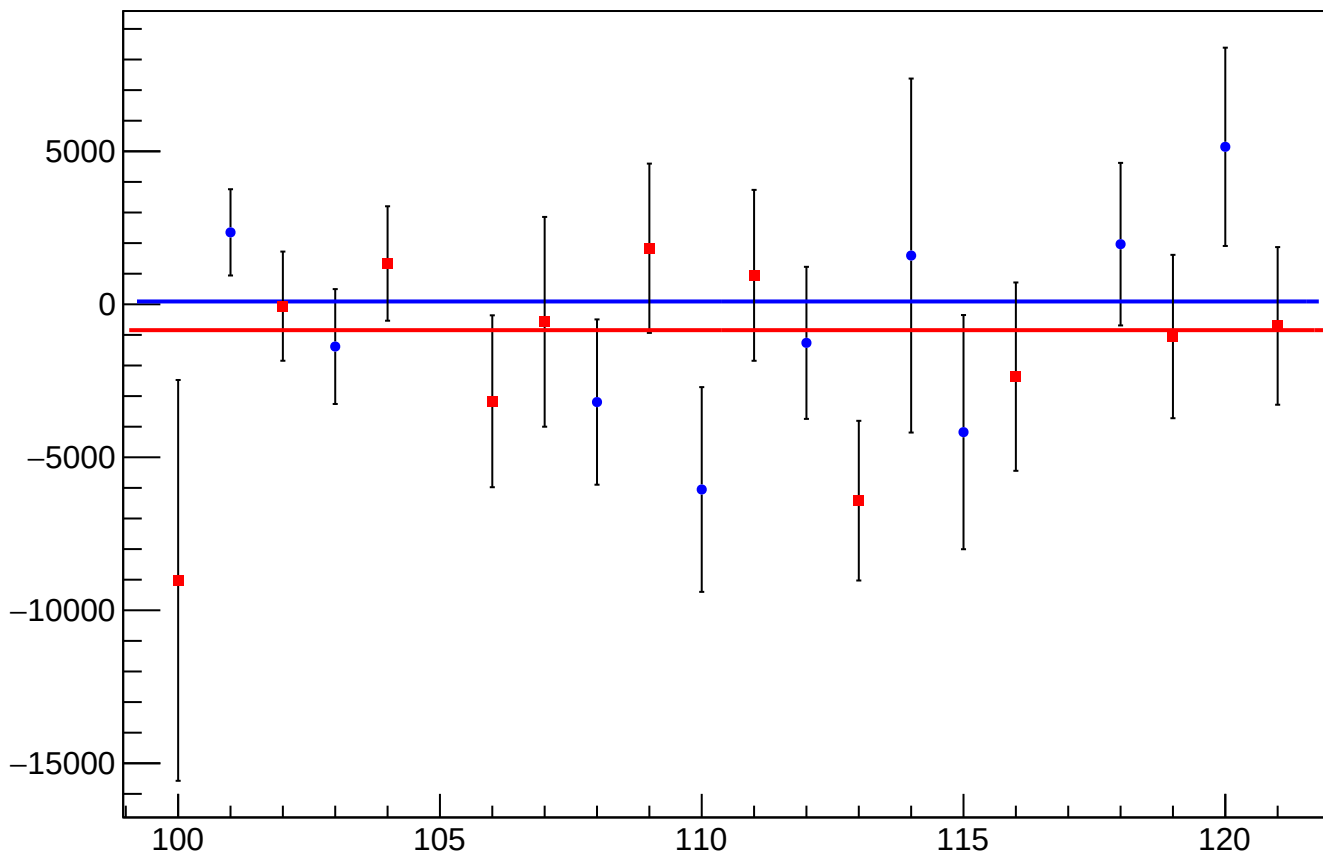
Right: 1092.903+/-0.269 χ^2/NDF : 14986.5/19

In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.903+/-0.269 χ^2/NDF : 14986.5/19

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 92.893+/-813.673 χ^2/NDF : 12.6/8

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

Right Out: -844.908+/-781.415 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

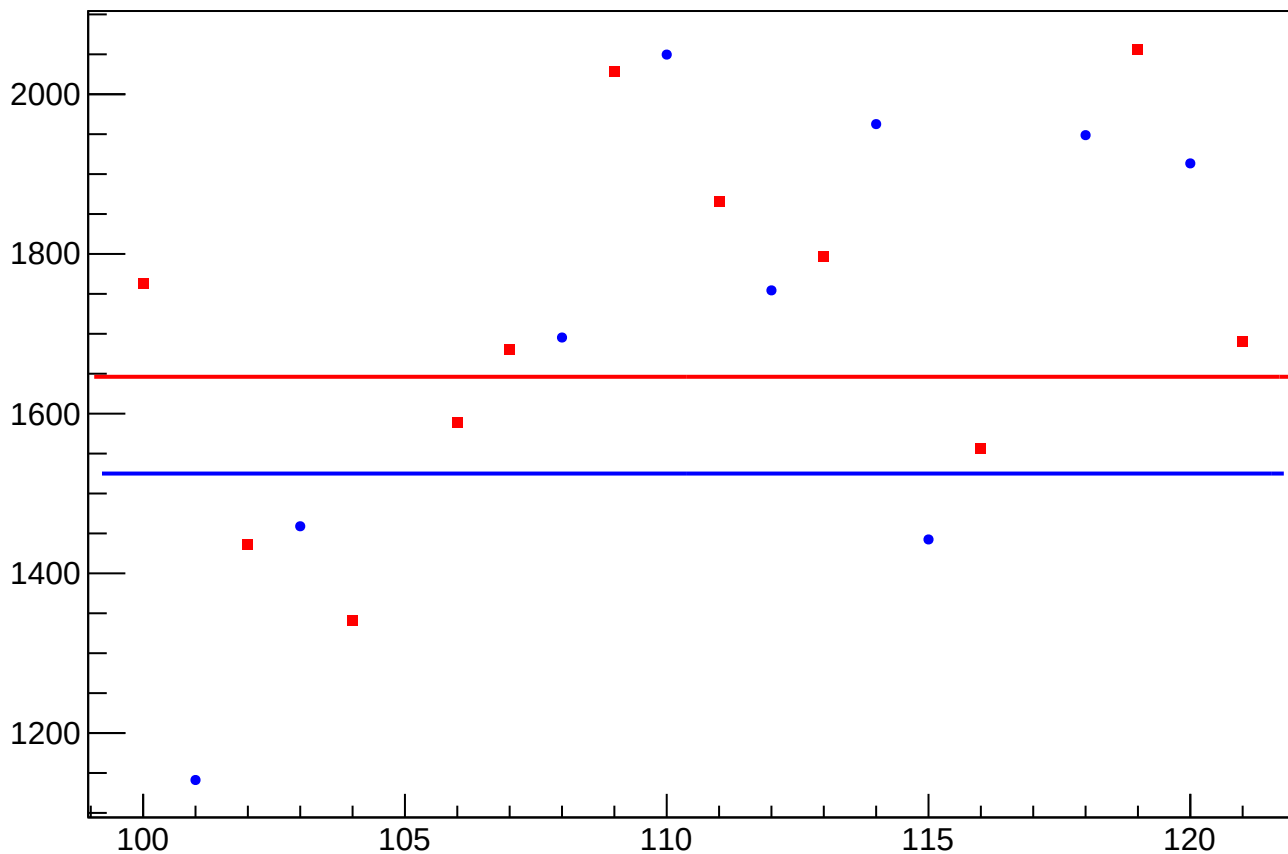
Right: -394.966+/-563.603 χ^2/NDF : 23.2/19

In: 92.893+/-813.673 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.966+/-563.603 χ^2/NDF : 23.2/19

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

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

Right Out: 1646.173+/-0.553 χ^2/NDF : 189378.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

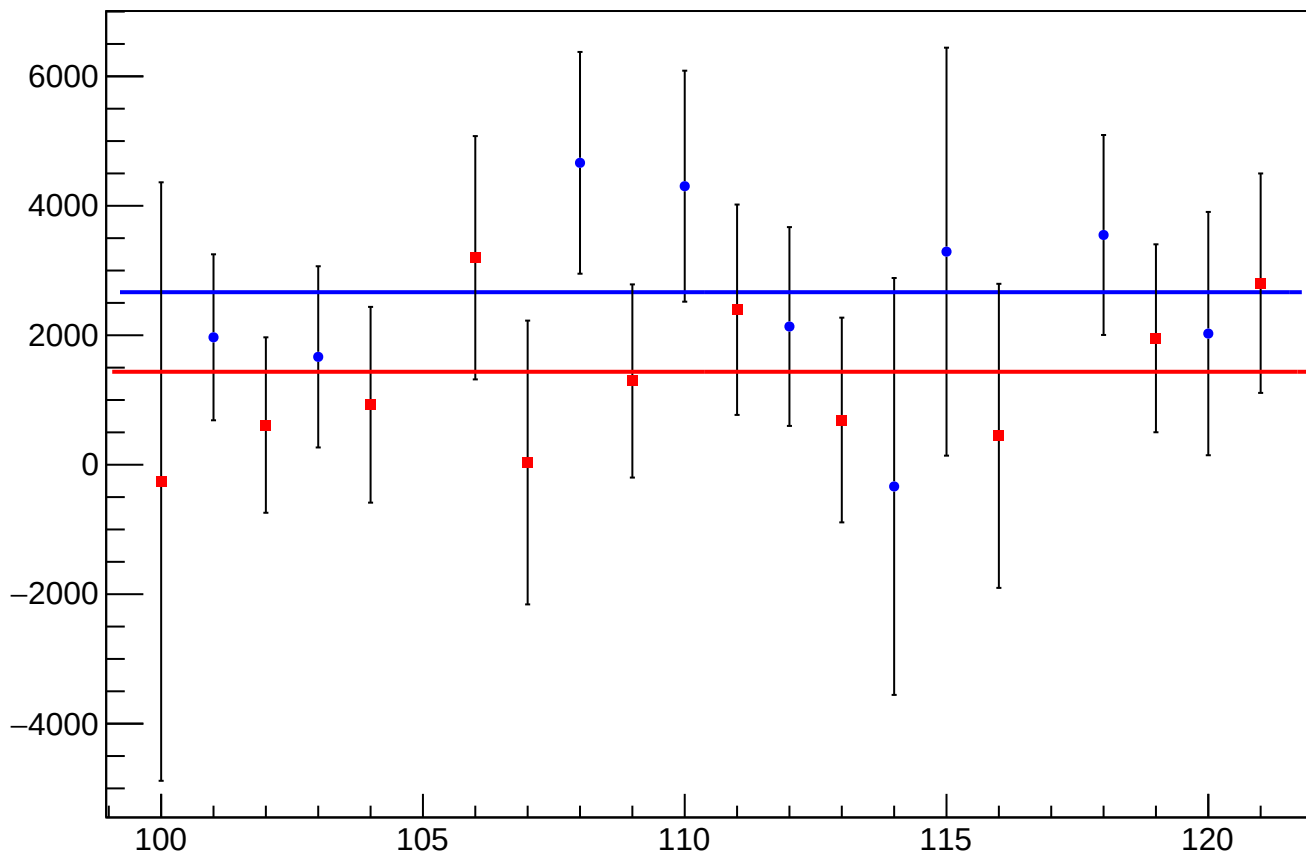
Right: 1588.029+/-0.399 χ^2/NDF : 529382.6/19

In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.029+/-0.399 χ^2/NDF : 529382.6/19

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2665.429+/-568.218 χ^2/NDF : 4.5/8

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

Right Out: 1436.031+/-516.294 χ^2/NDF : 3.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

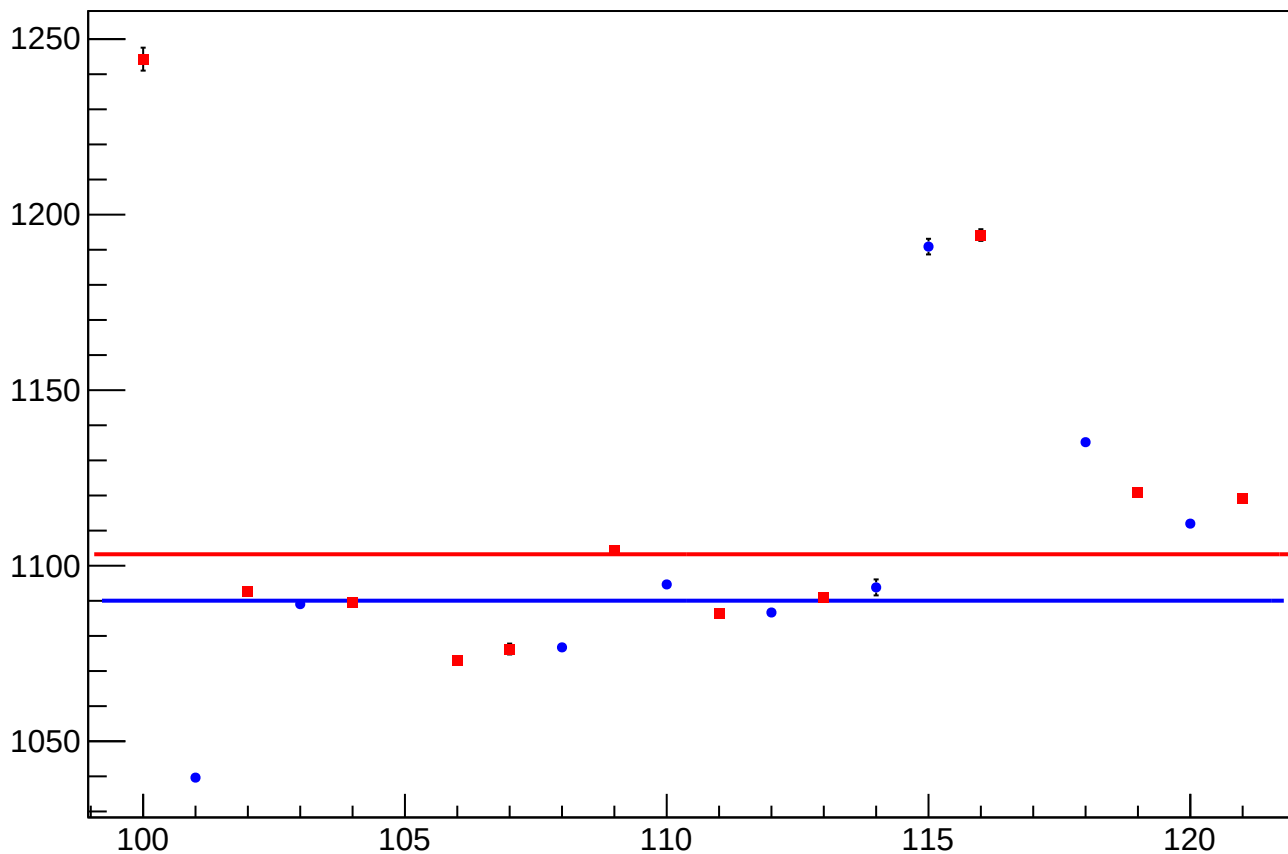
Right: 1992.003+/-382.116 χ^2/NDF : 10.5/19

In: 2665.429+/-568.218 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.003+/-382.116 χ^2/NDF : 10.5/19

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

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

Right Out: 1103.261+/-0.365 χ^2/NDF : 6783.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

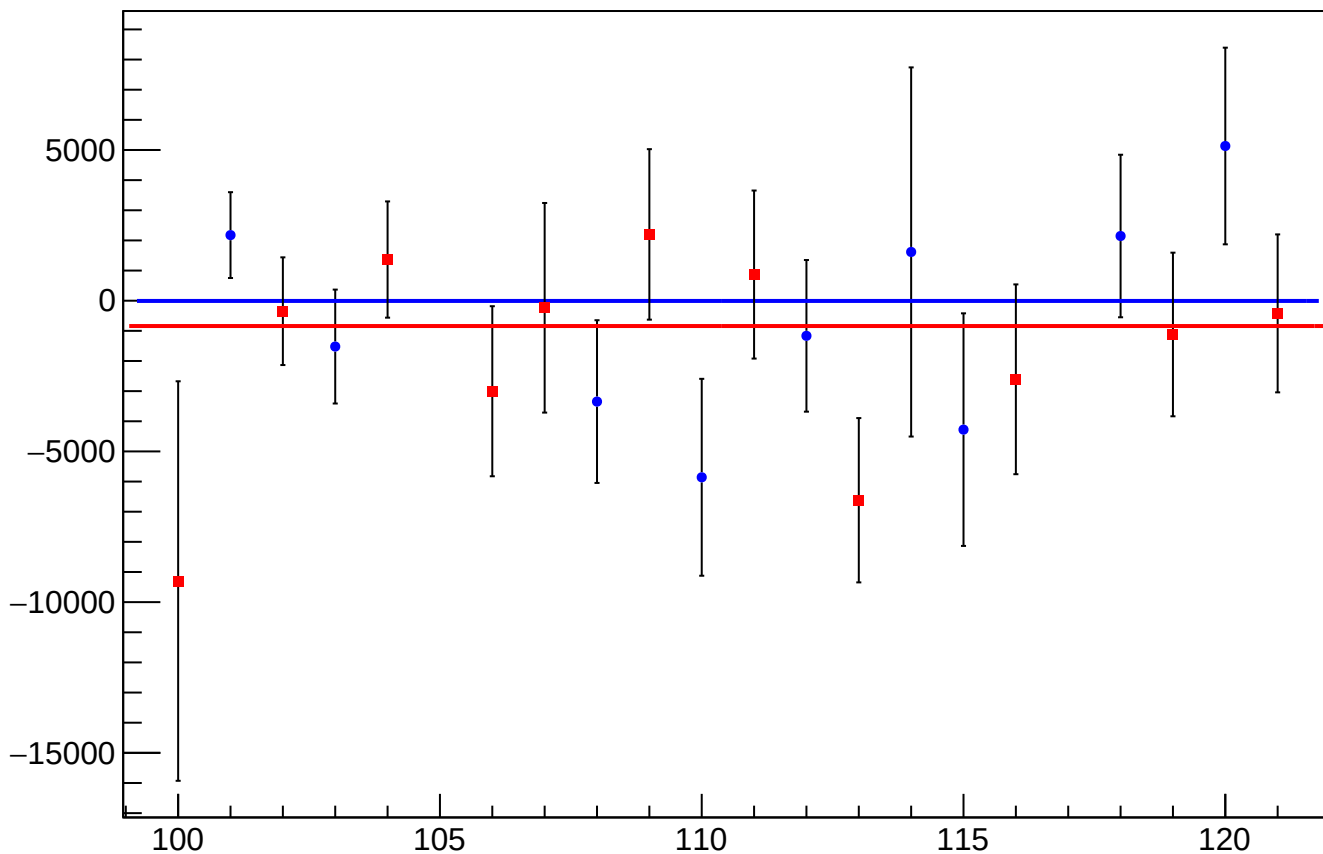
Right: 1097.281+/-0.270 χ^2/NDF : 14644.5/19

In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.281+/-0.270 χ^2/NDF : 14644.5/19

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -7.843+/-819.807 χ^2/NDF : 12.4/8

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

Right Out: -840.361+/-794.544 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

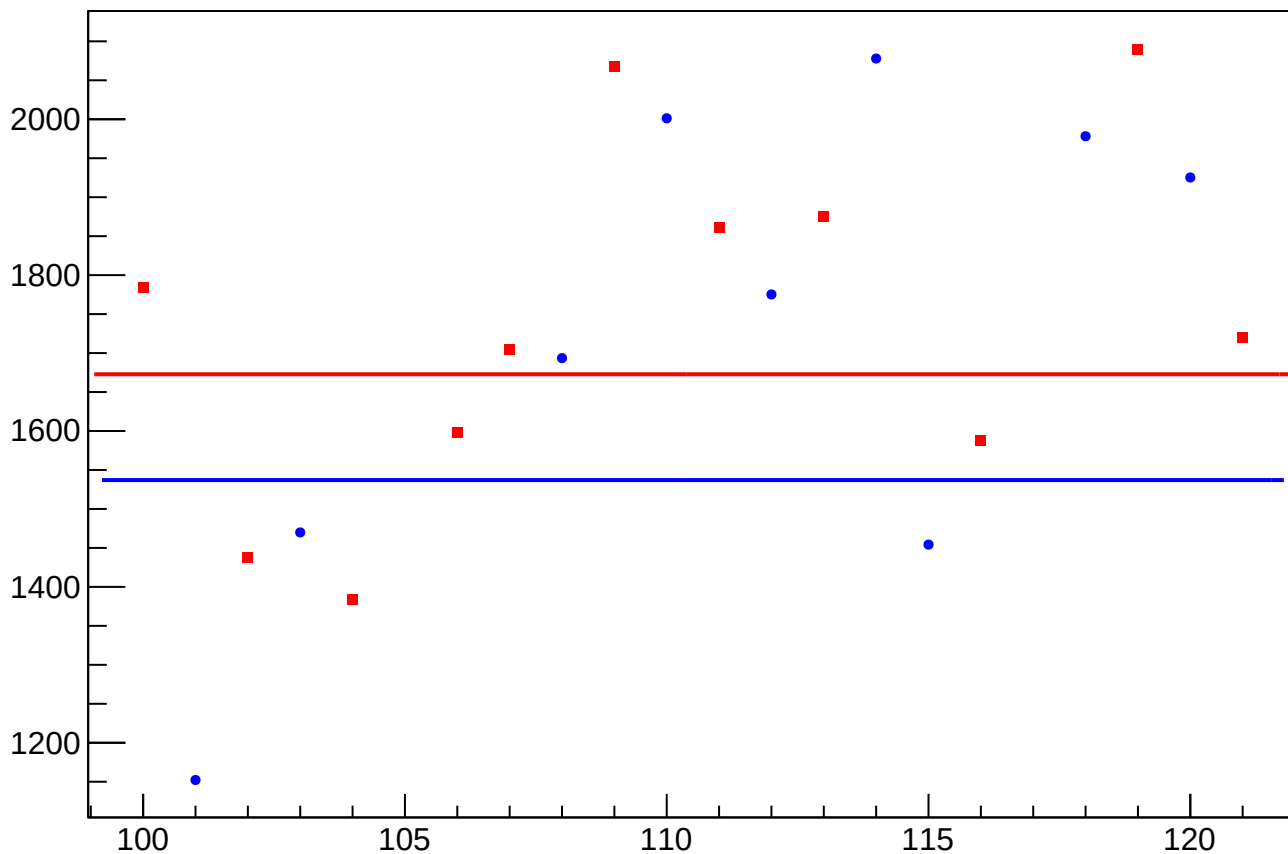
Right: -437.127+/-570.550 χ^2/NDF : 22.9/19

In: -7.843+/-819.807 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.127+/-570.550 χ^2/NDF : 22.9/19

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1537.032+/-0.580 χ^2/NDF : 312122.3/8

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

Right Out: 1672.829+/-0.562 χ^2/NDF : 190256.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

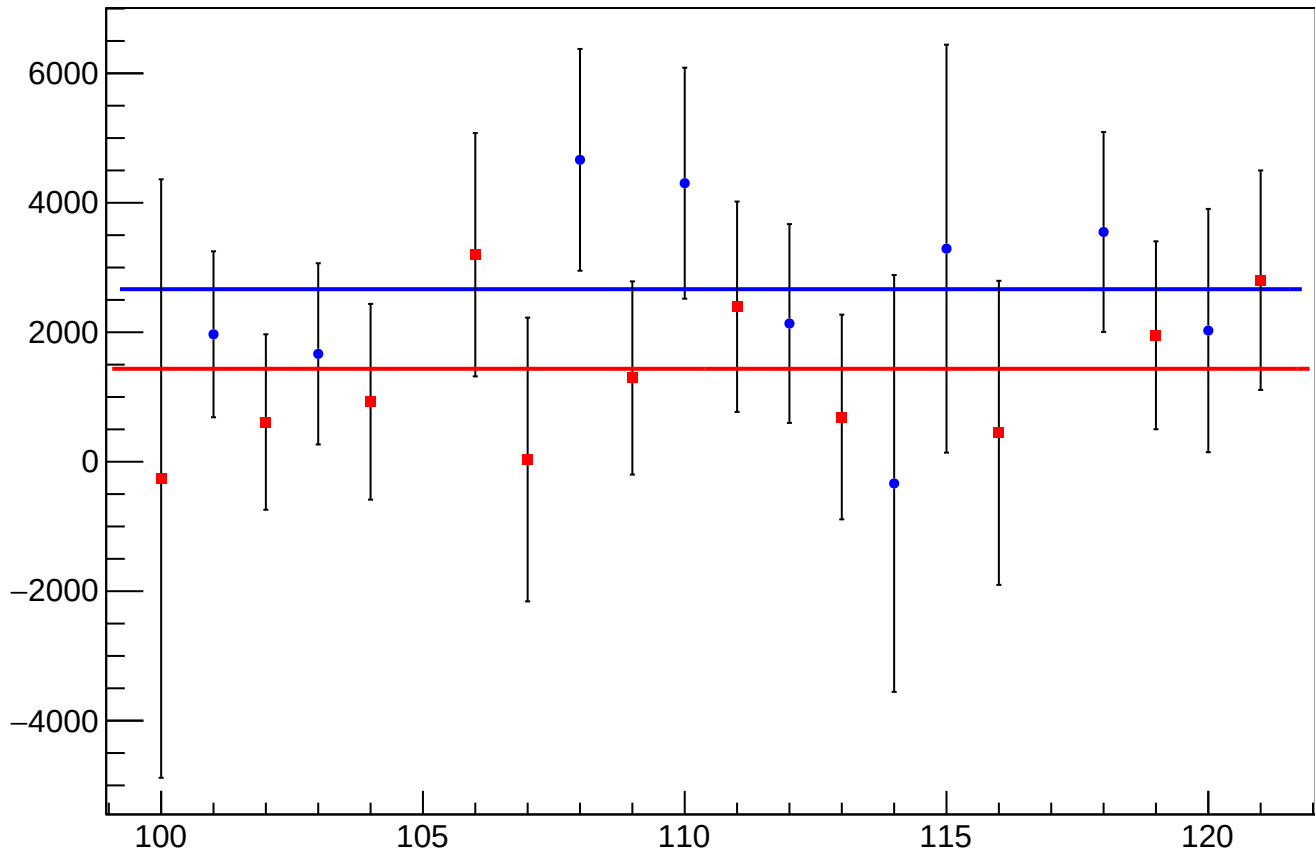
Right: 1607.055+/-0.403 χ^2/NDF : 530676.0/19

In: 1537.032+/-0.580 χ^2/NDF : 312122.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.055+/-0.403 χ^2/NDF : 530676.0/19

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2665.428+/-568.218 χ^2/NDF : 4.5/8

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

Right Out: 1436.035+/-516.294 χ^2/NDF : 3.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

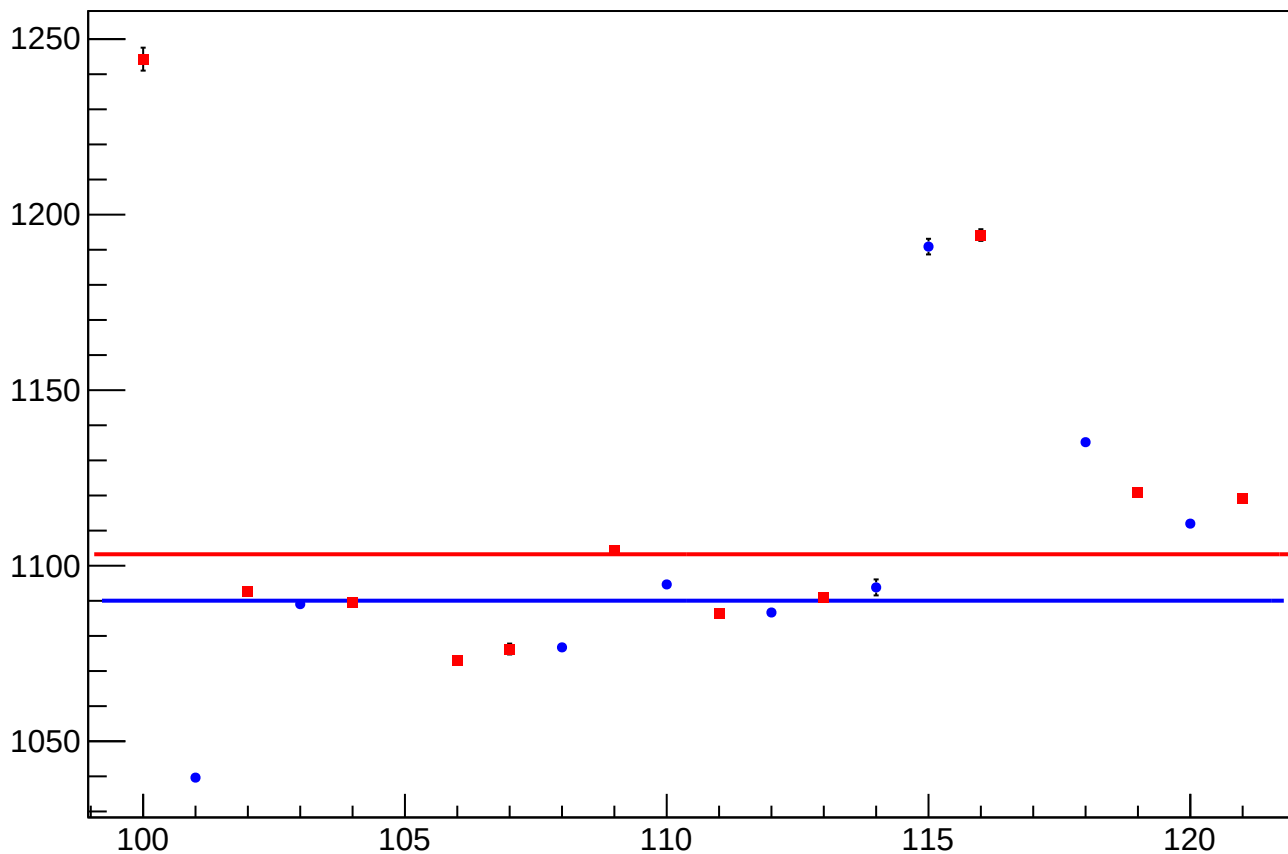
Right: 1992.005+/-382.116 χ^2/NDF : 10.5/19

In: 2665.428+/-568.218 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.005+/-382.116 χ^2/NDF : 10.5/19

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

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

Right Out: 1103.261+/-0.365 χ^2/NDF : 6783.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

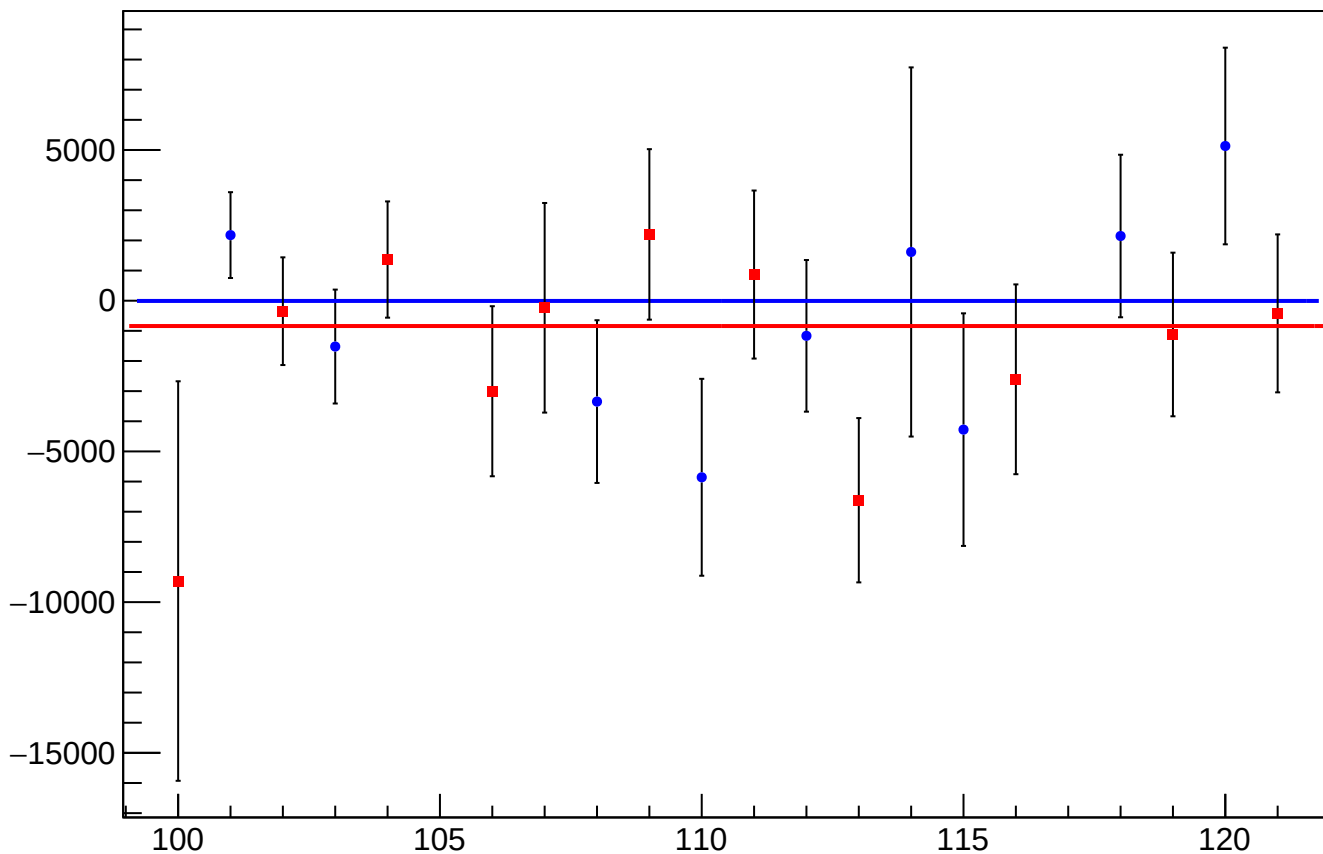
Right: 1097.281+/-0.270 χ^2/NDF : 14644.5/19

In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.281+/-0.270 χ^2/NDF : 14644.5/19

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7.843+/-819.805 χ^2/NDF : 12.4/8

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

Right Out: -840.365+/-794.544 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

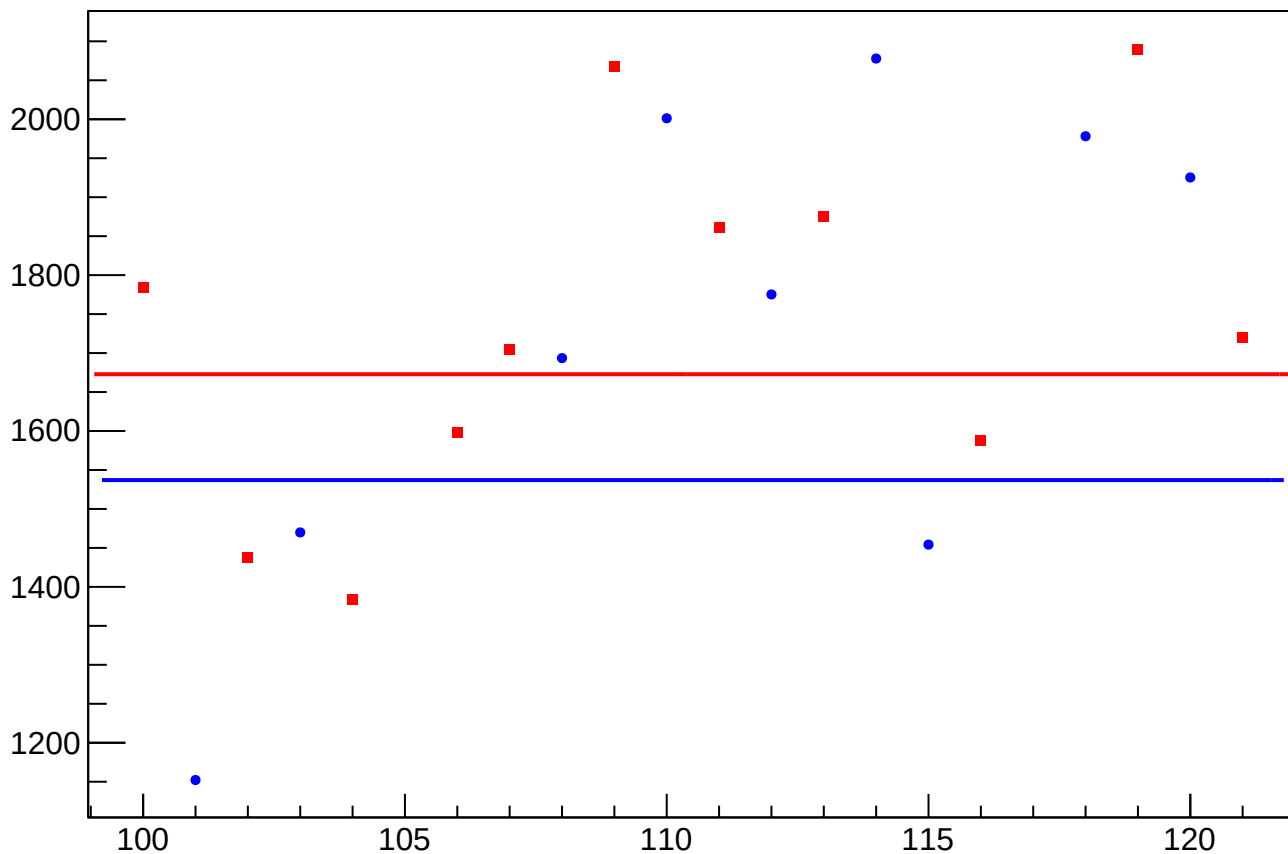
Right: -437.128+/-570.549 χ^2/NDF : 22.9/19

In: -7.843+/-819.805 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.128+/-570.549 χ^2/NDF : 22.9/19

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1537.030+/-0.580 χ^2/NDF : 312116.0/8

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

Right Out: 1672.829+/-0.562 χ^2/NDF : 190249.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

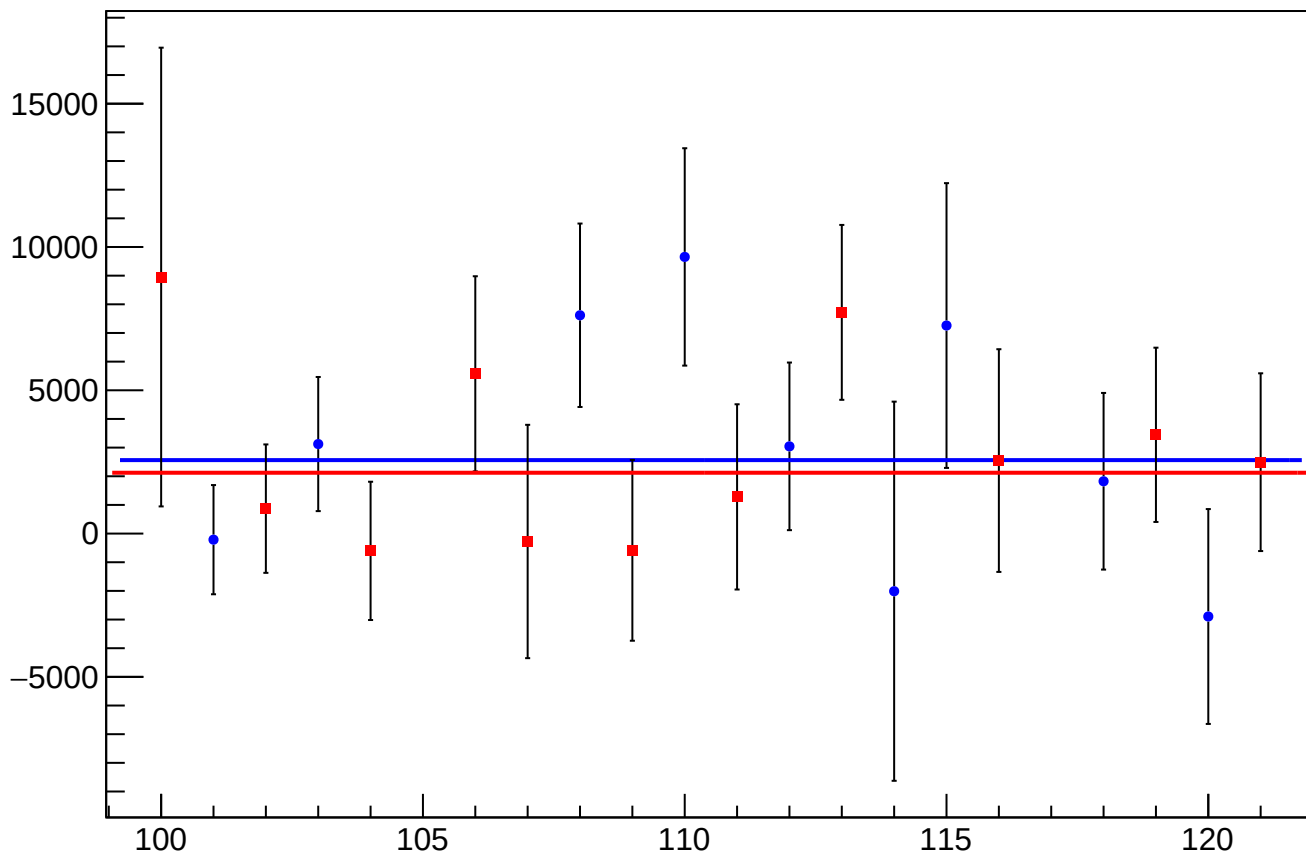
Right: 1607.054+/-0.403 χ^2/NDF : 530663.2/19

In: 1537.030+/-0.580 χ^2/NDF : 312116.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.054+/-0.403 χ^2/NDF : 530663.2/19

asym_usr_mean vs Slug, Sign Corrected



Right In: 2563.436 $\pm$ 1009.152 χ^2 /NDF: 11.7/8

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

Right Out: 2122.723 $\pm$ 946.909 χ^2 /NDF: 8.1/10

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

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

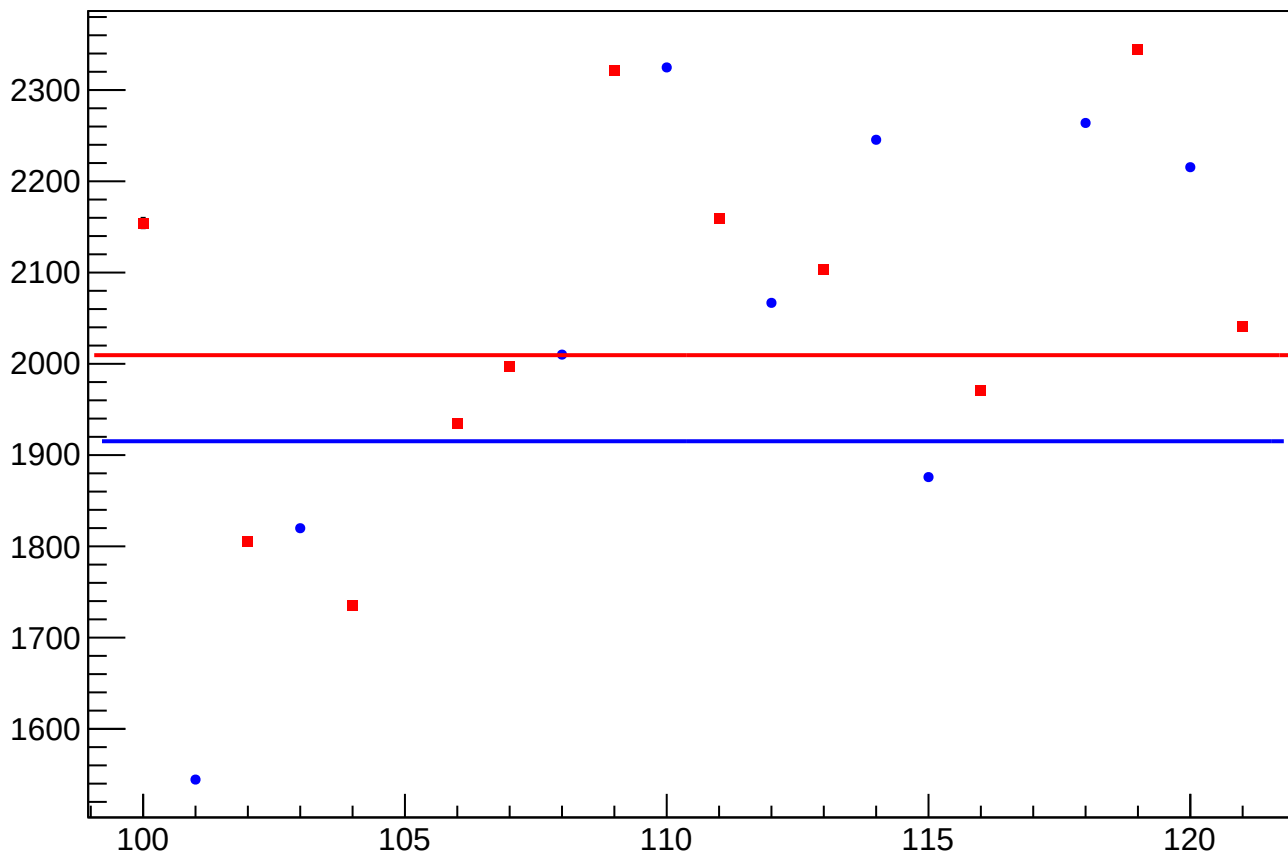
Right: 2329.070 $\pm$ 690.522 χ^2 /NDF: 19.9/19

In: 2563.436 $\pm$ 1009.152 χ^2 /NDF:11.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2329.070 $\pm$ 690.522 χ^2 /NDF: 19.9/19

asym_usr_rms vs Slug, Sign Corrected



Right In: 1915.177+/-0.714 χ^2/NDF : 153048.9/8

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

Right Out: 2009.485+/-0.670 χ^2/NDF : 94560.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

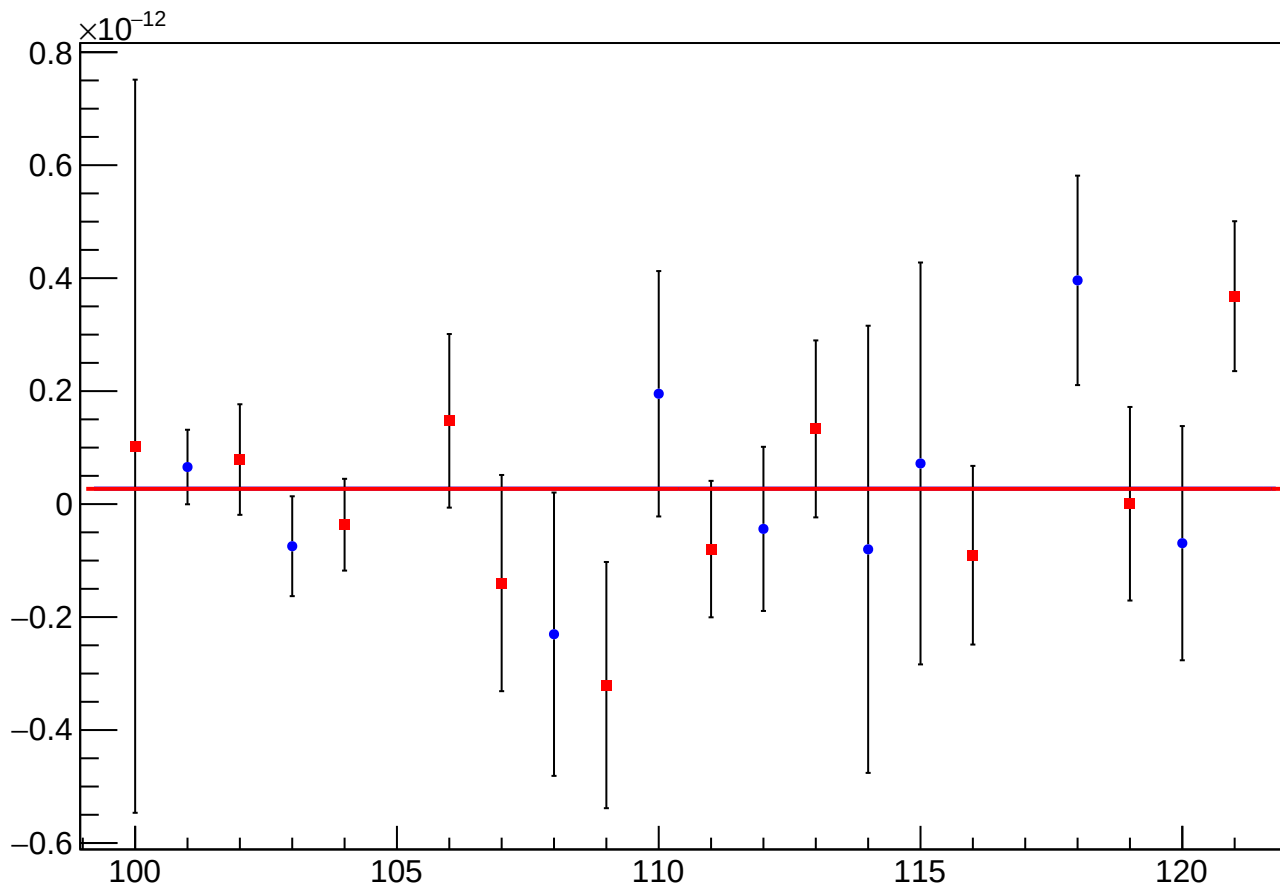
Right: 1965.329+/-0.488 χ^2/NDF : 256897.9/19

In: 1915.177+/-0.714 χ^2/NDF : 153048.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1965.329+/-0.488 χ^2/NDF : 256897.9/19

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

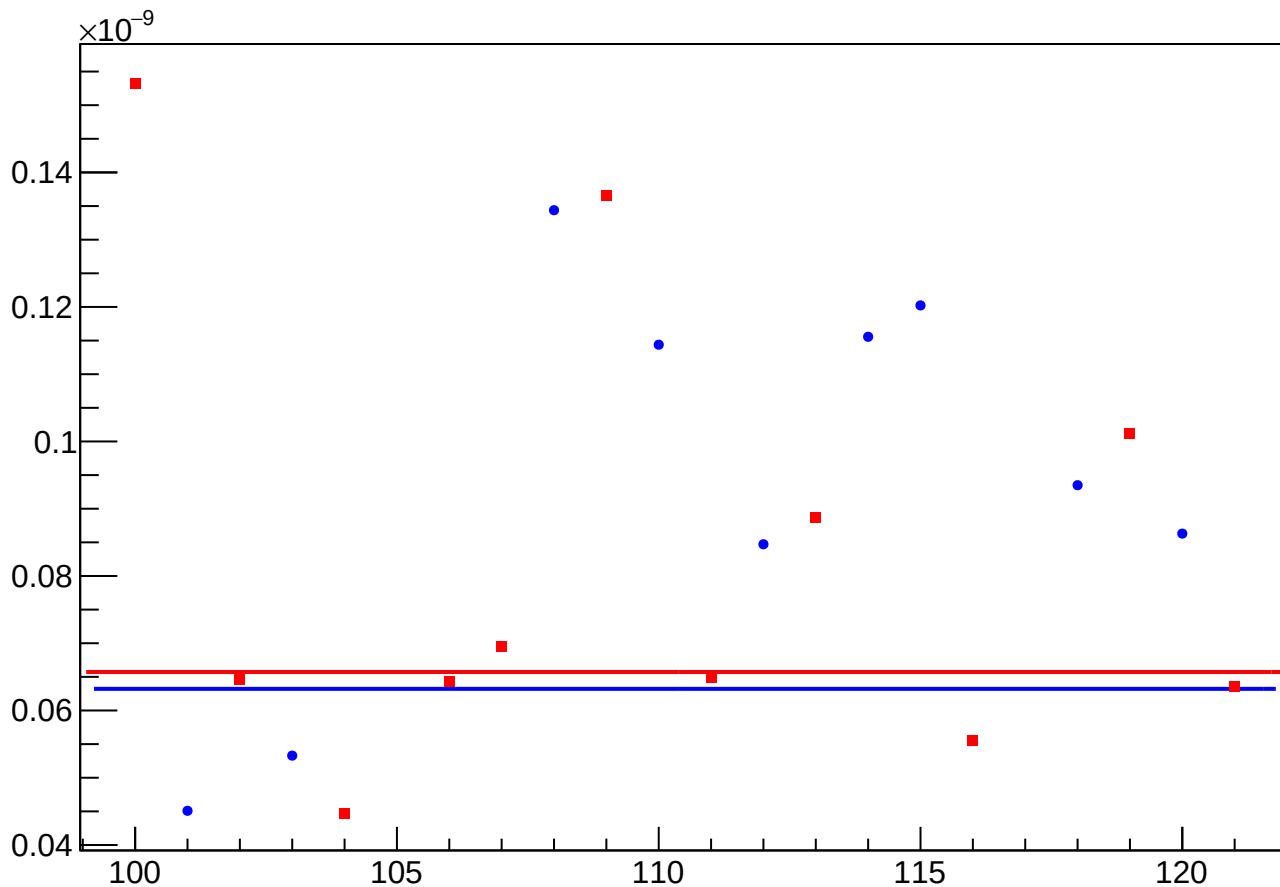
Right: 0.000+/-0.000 χ^2/NDF : 21.1/19

In: 0.000+/-0.000 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.1/19

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 656642.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 520009.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

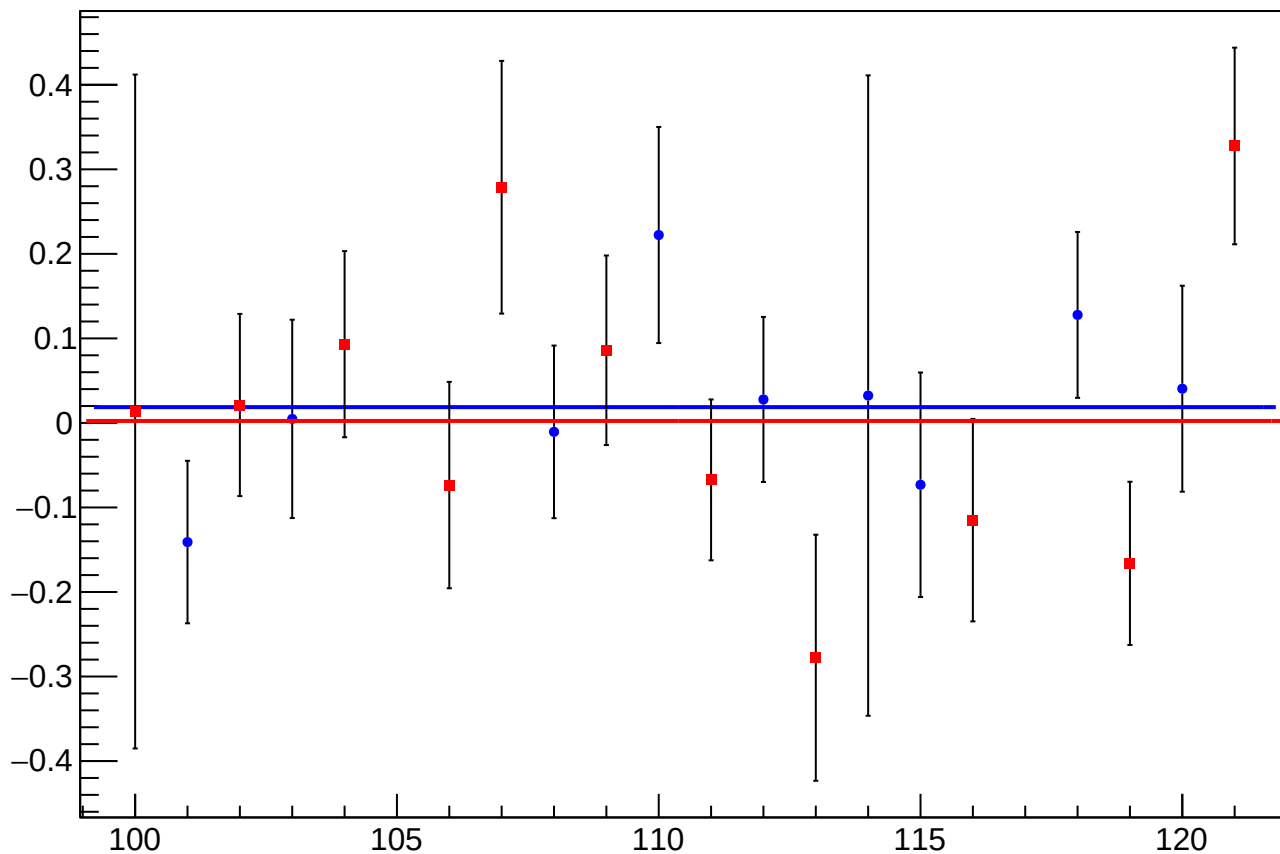
Right: 0.000+/-0.000 χ^2/NDF : 1180085.9/19

In: 0.000+/-0.000 χ^2/NDF : 656642.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1180085.9/19

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.1/8

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

Right Out: 0.002+/-0.036 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

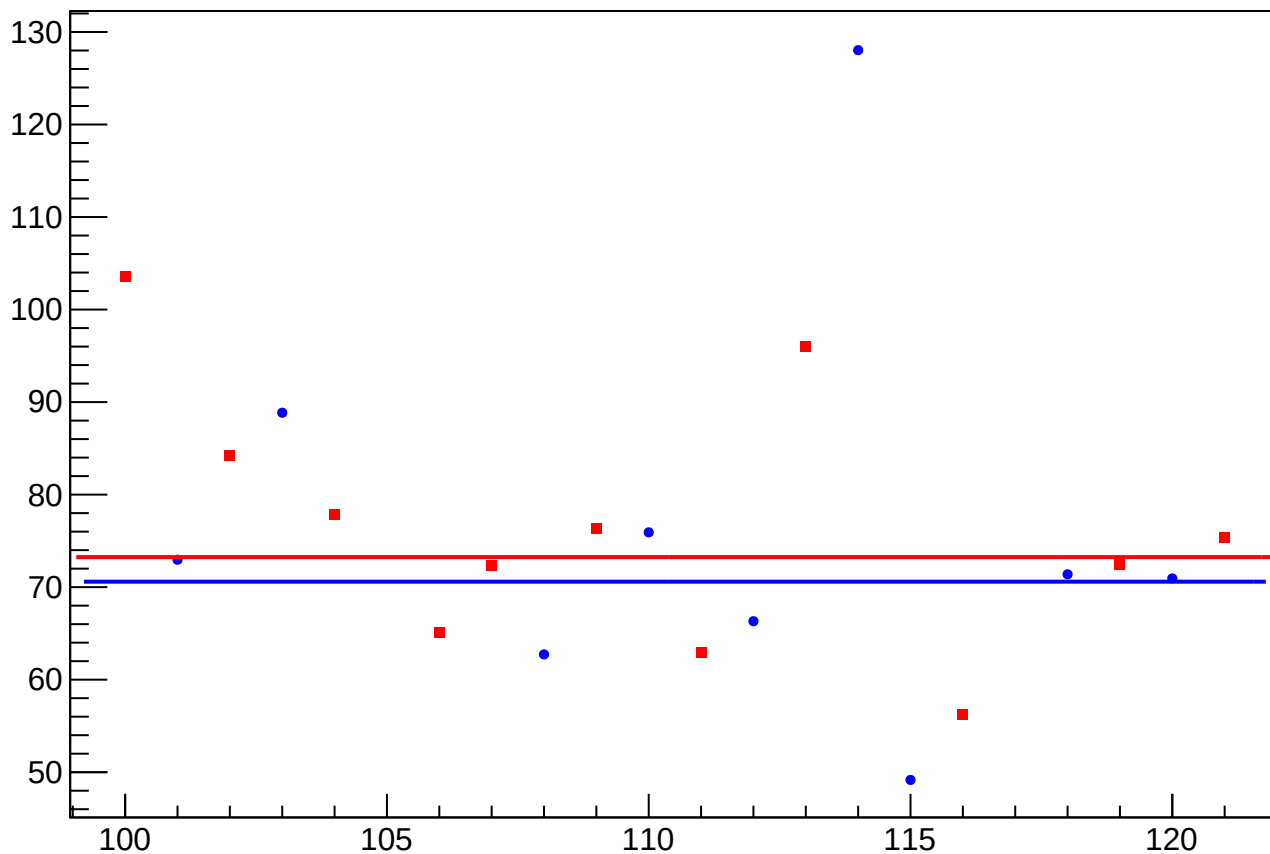
Right: 0.010+/-0.026 χ^2/NDF : 28.4/19

In: 0.019+/-0.038 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 28.4/19

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

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

Right Out: 73.248+/-0.025 χ^2/NDF : 160007.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

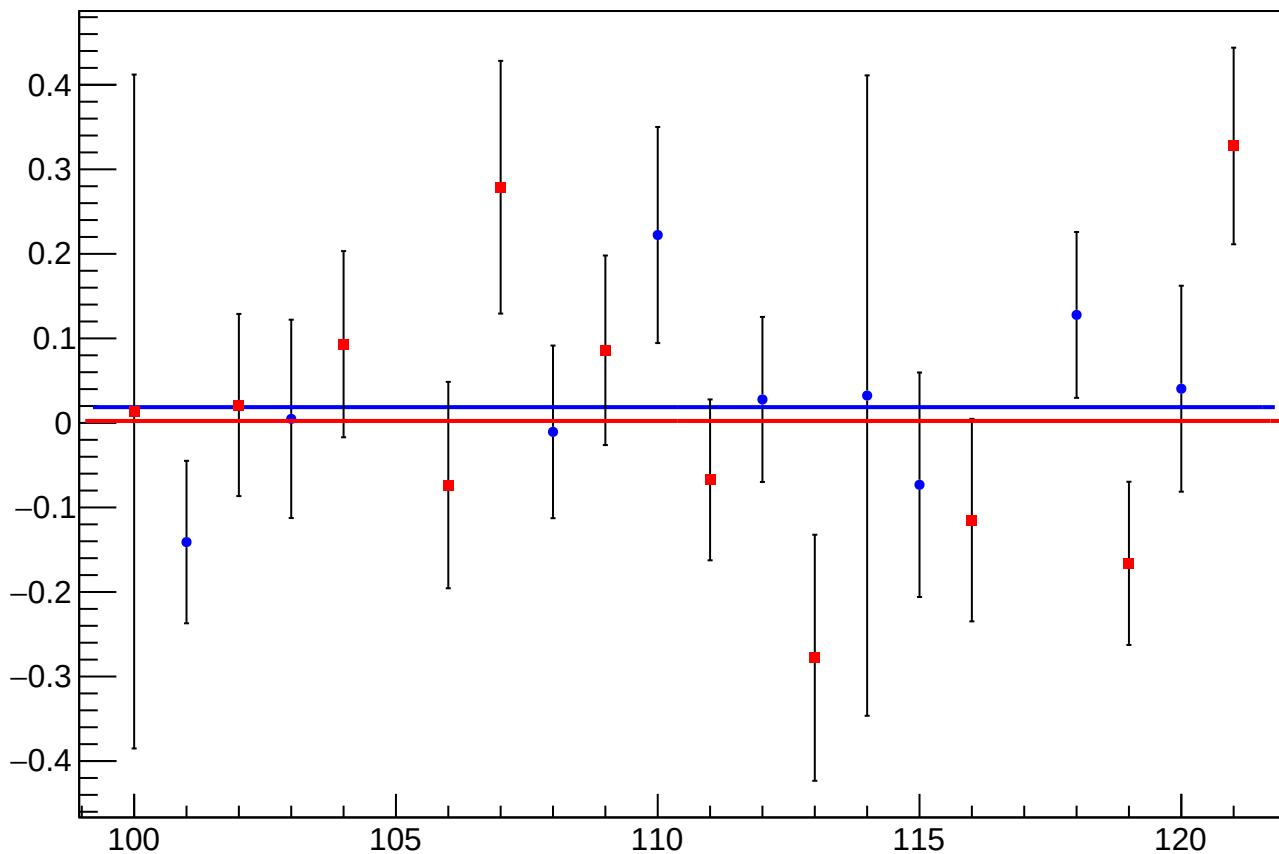
Right: 72.008+/-0.019 χ^2/NDF : 332181.4/19

In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.008+/-0.019 χ^2/NDF : 332181.4/19

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.1/8

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

Right Out: 0.002+/-0.036 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

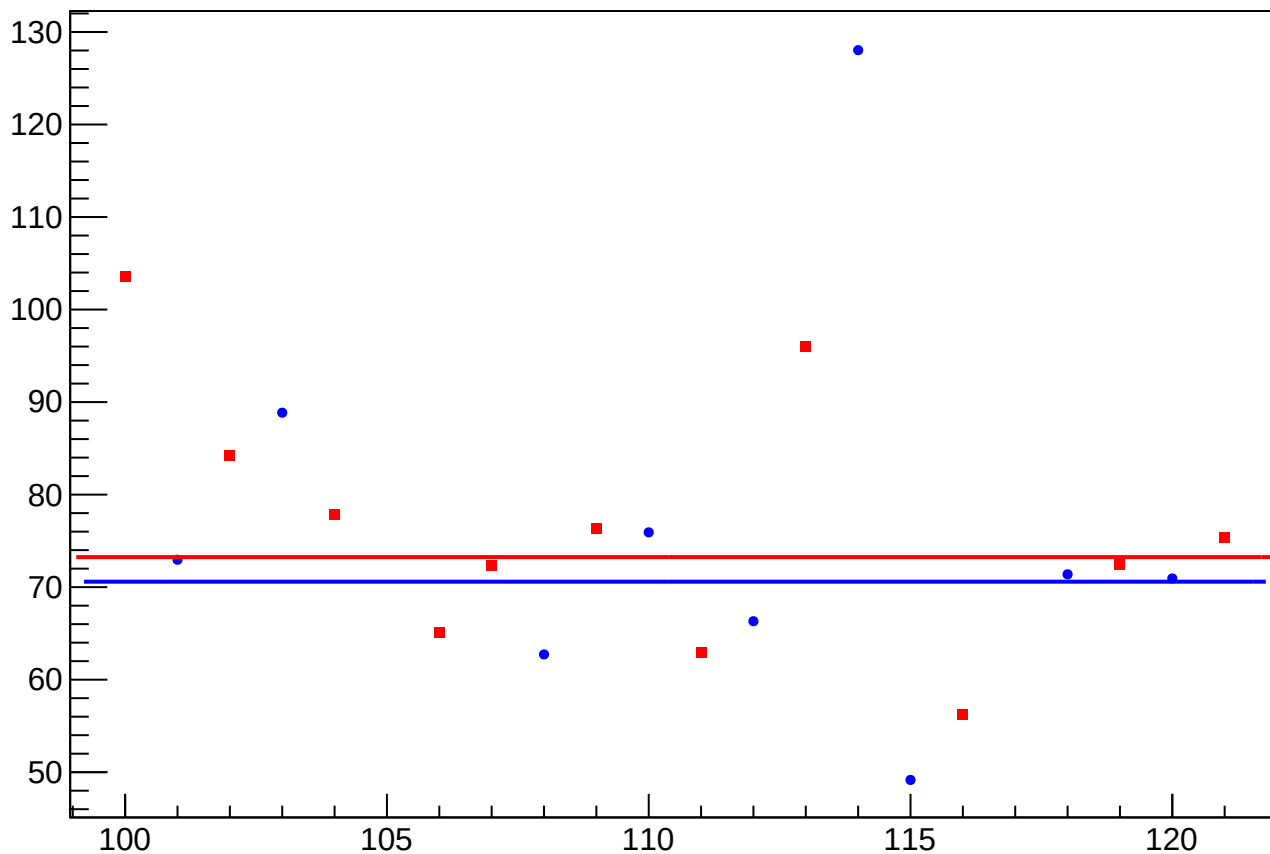
Right: 0.010+/-0.026 χ^2/NDF : 28.4/19

In: 0.019+/-0.038 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 28.4/19

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

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

Right Out: 73.248+/-0.025 χ^2/NDF : 160007.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

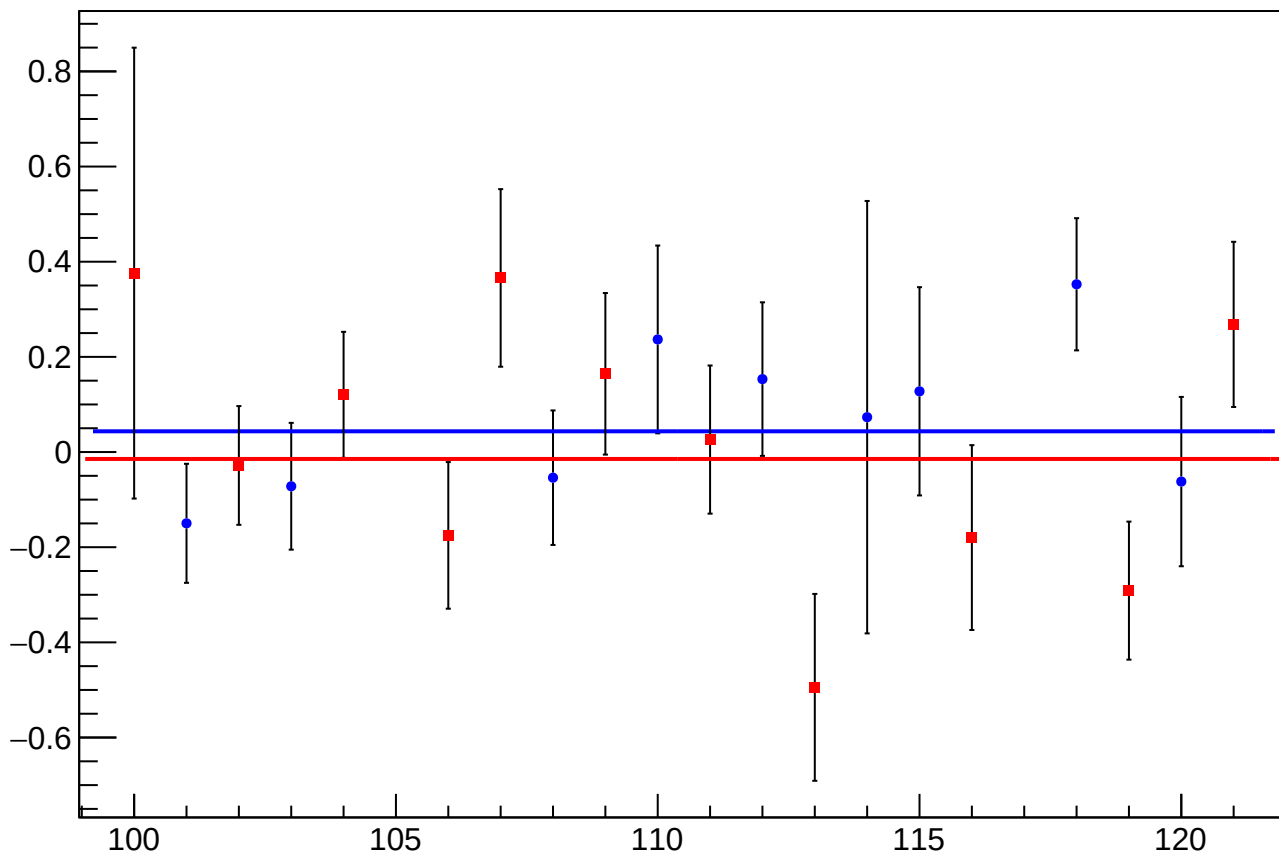
Right: 72.008+/-0.019 χ^2/NDF : 332181.4/19

In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.008+/-0.019 χ^2/NDF : 332181.4/19

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.054 χ^2/NDF : 10.5/8

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

Right Out: -0.015+/-0.050 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

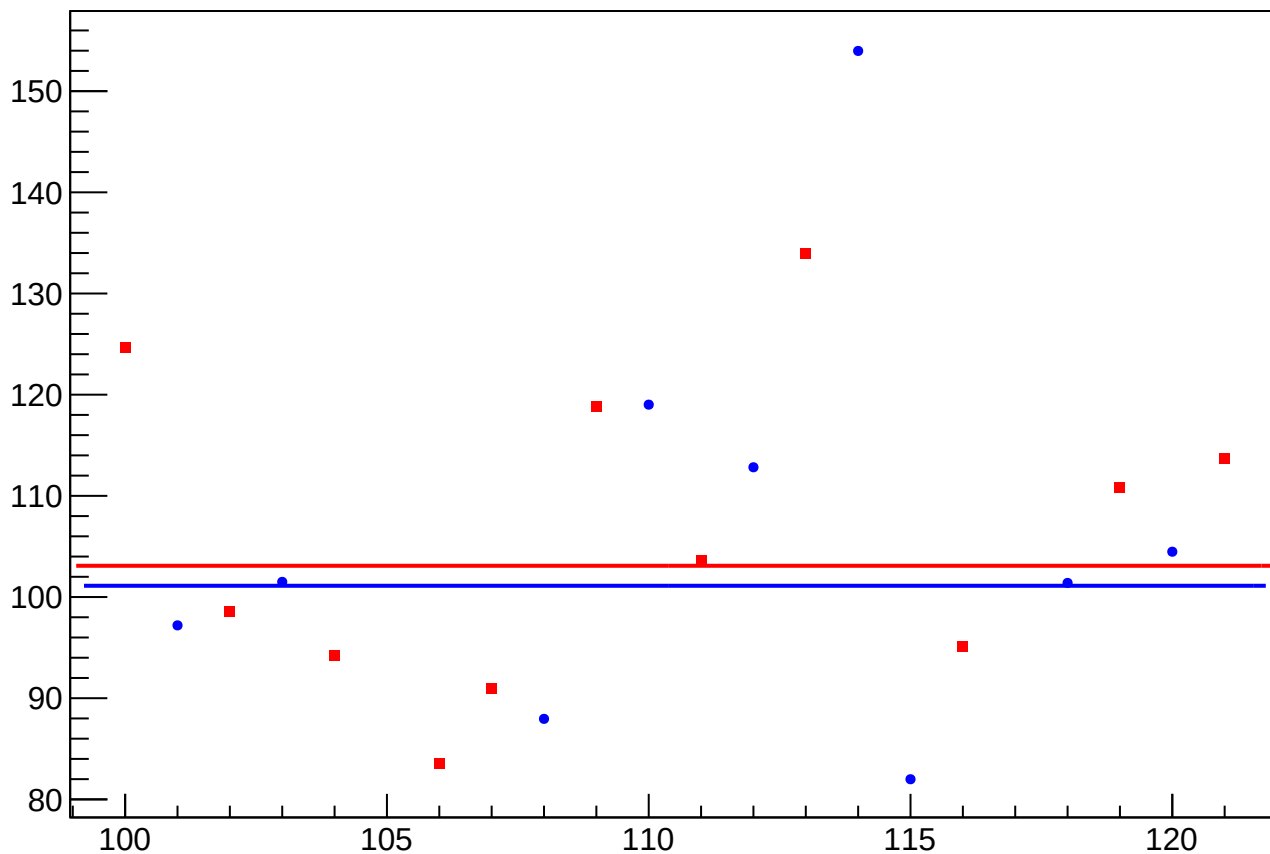
Right: 0.012+/-0.037 χ^2/NDF : 32.3/19

In: 0.044+/-0.054 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.037 χ^2/NDF : 32.3/19

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.113+/-0.038 χ^2/NDF : 89352.2/8

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

Right Out: 103.089+/-0.035 χ^2/NDF : 139876.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

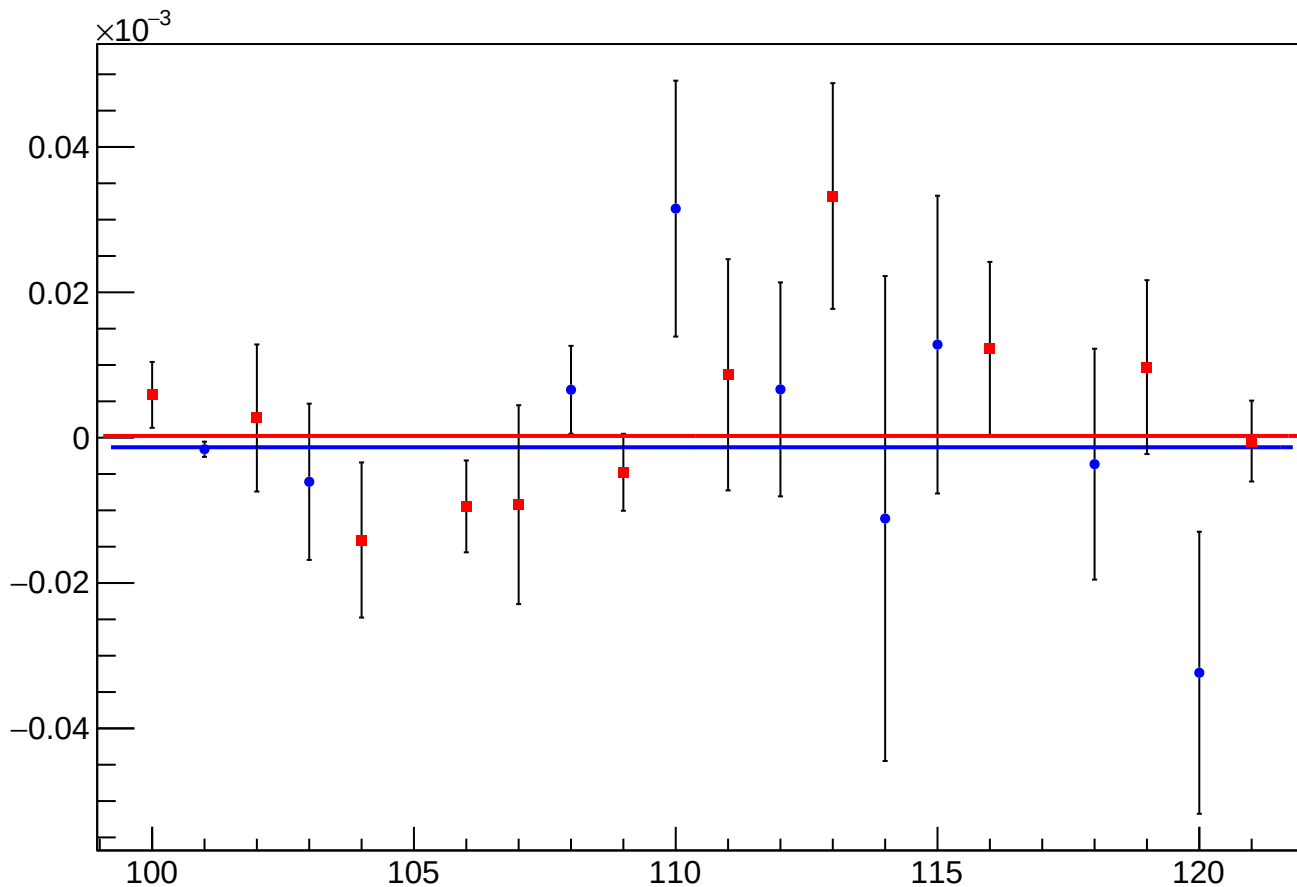
Right: 102.183+/-0.026 χ^2/NDF : 230680.7/19

In: 101.113+/-0.038 χ^2/NDF : 89352.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.183+/-0.026 χ^2/NDF : 230680.7/19

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

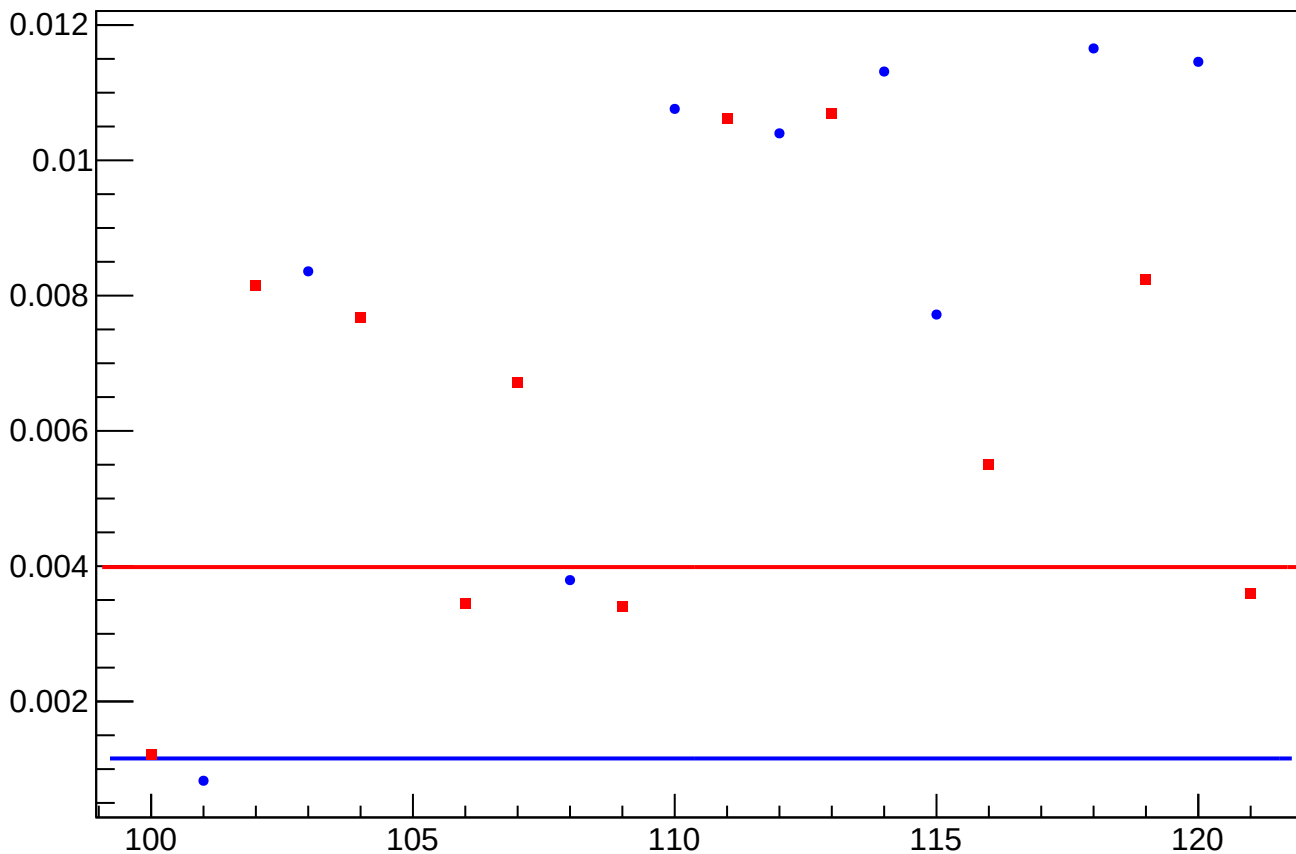
Right: -0.000+/-0.000 χ^2/NDF : 22.9/19

In: -0.000+/-0.000 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.9/19

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4687853.0/8

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2455547.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

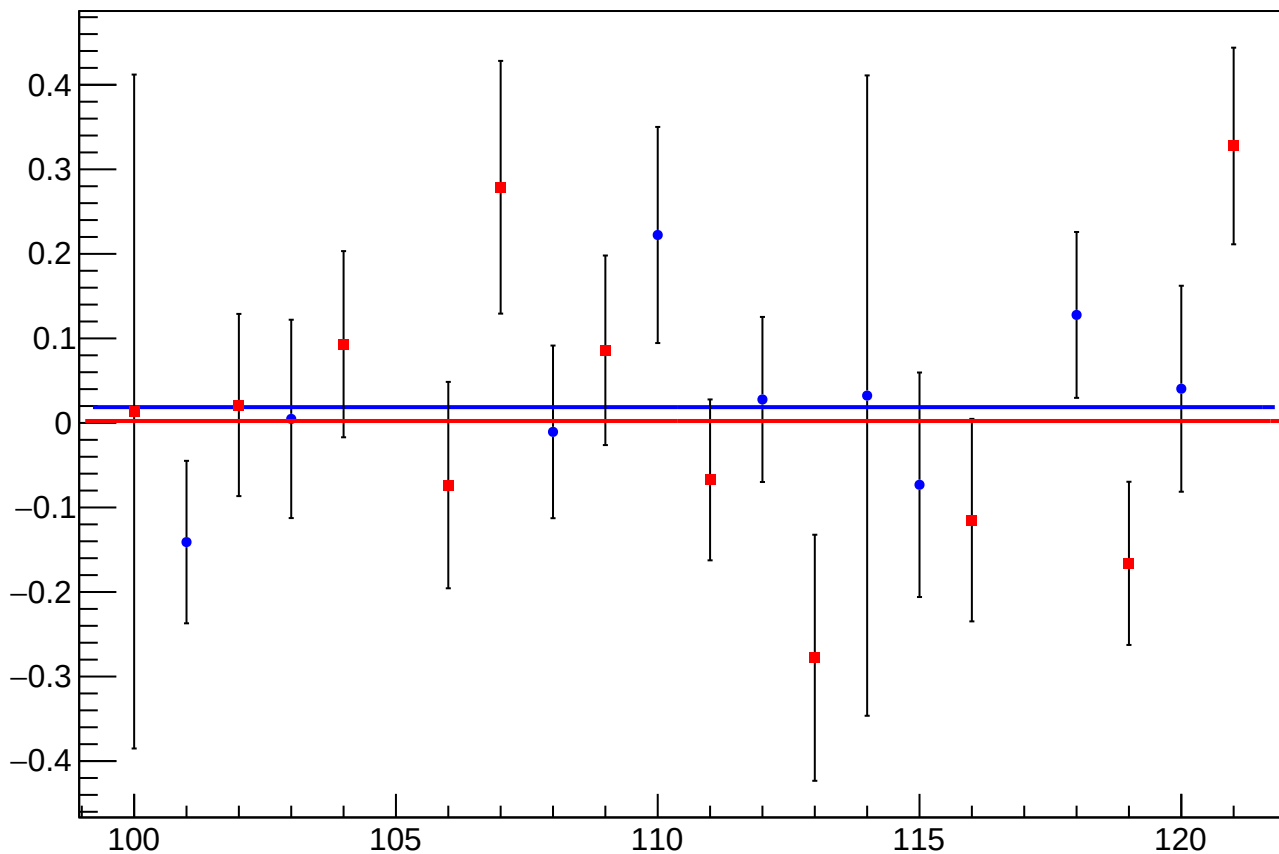
Right: 0.002+/-0.000 χ^2/NDF : 9661470.5/19

In: 0.001+/-0.000 χ^2/NDF :4687853.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9661470.5/19

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.038 χ^2 /NDF: 7.1/8

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

Right Out: 0.002 $\pm$ 0.036 χ^2 /NDF: 21.1/10

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

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

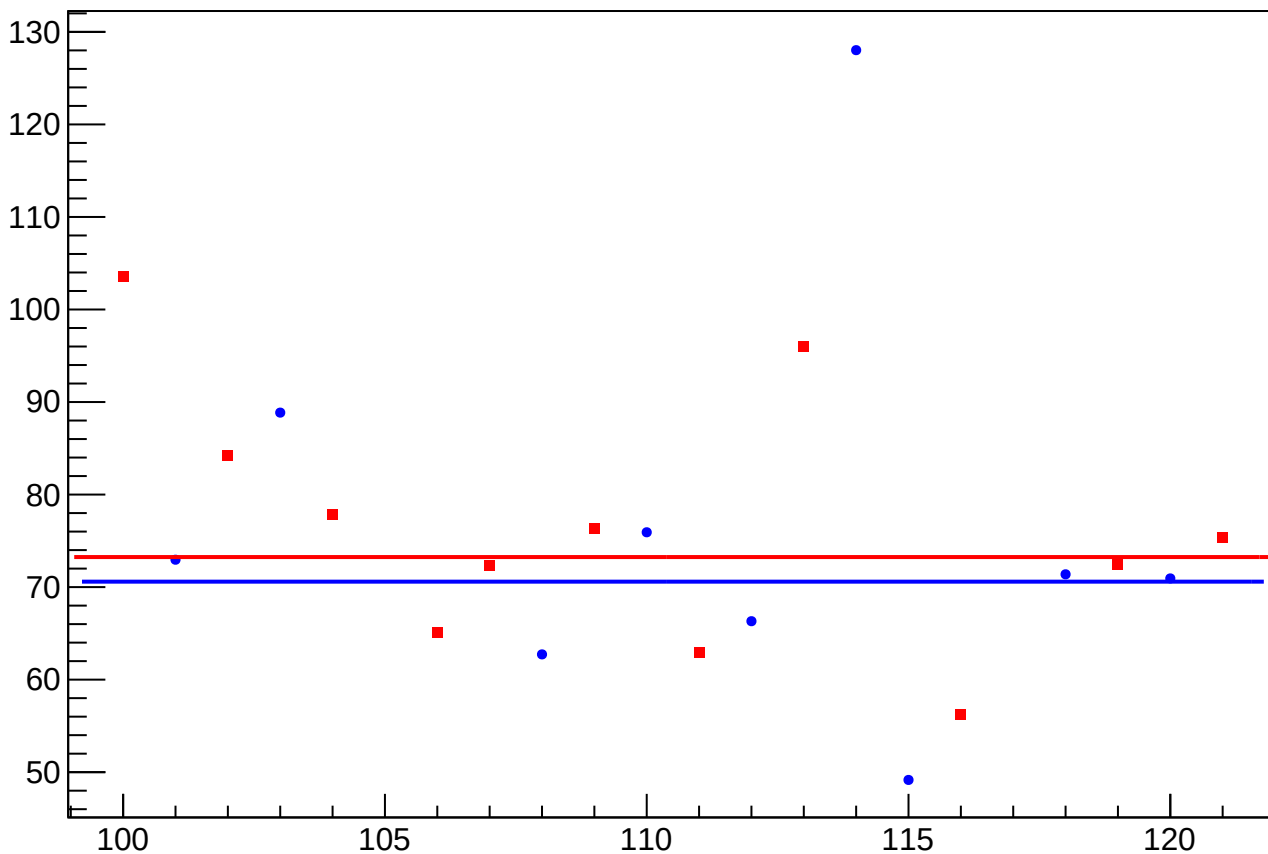
Right: 0.010 $\pm$ 0.026 χ^2 /NDF: 28.4/19

In: 0.019 $\pm$ 0.038 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.026 χ^2 /NDF: 28.4/19

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

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

Right Out: 73.247+/-0.025 χ^2/NDF : 160004.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

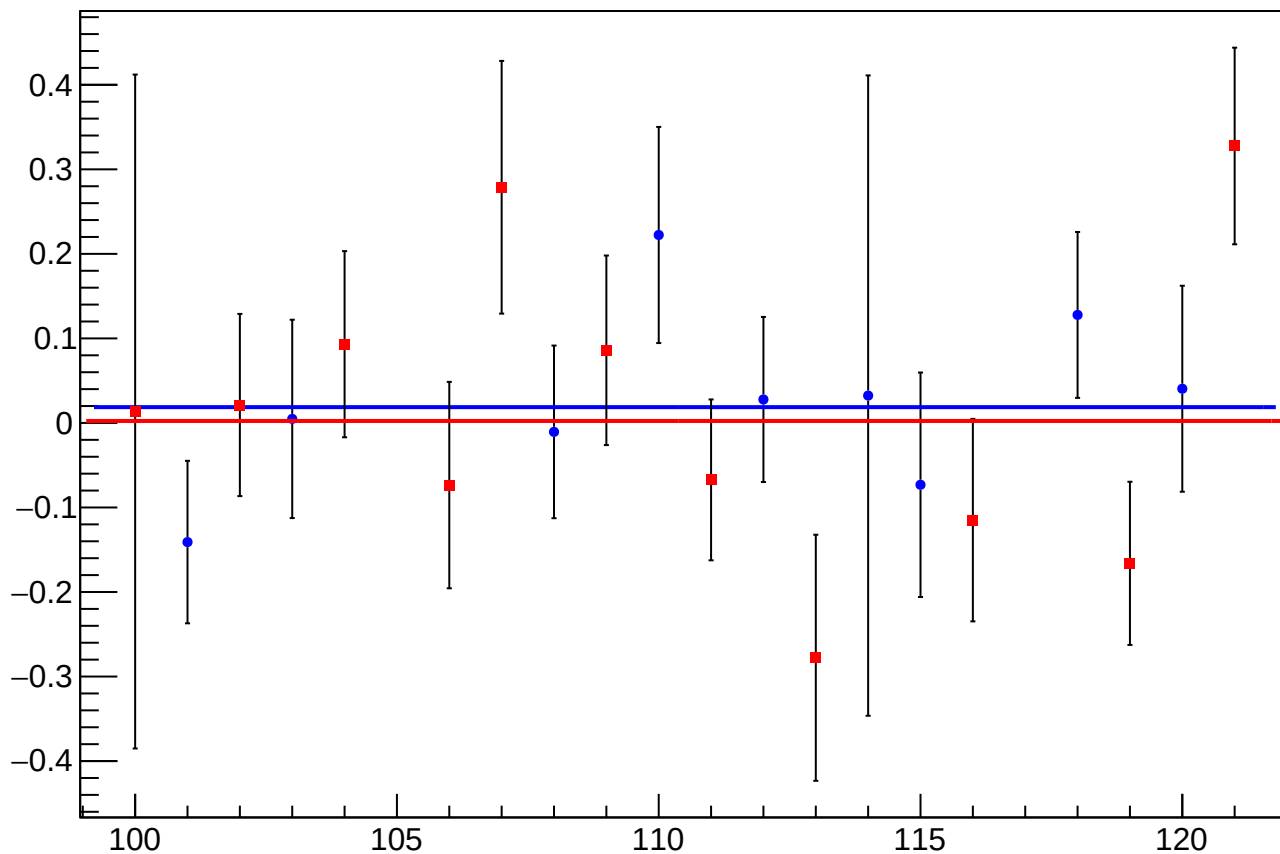
Right: 72.007+/-0.019 χ^2/NDF : 332201.3/19

In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.007+/-0.019 χ^2/NDF : 332201.3/19

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.1/8

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

Right Out: 0.002+/-0.036 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

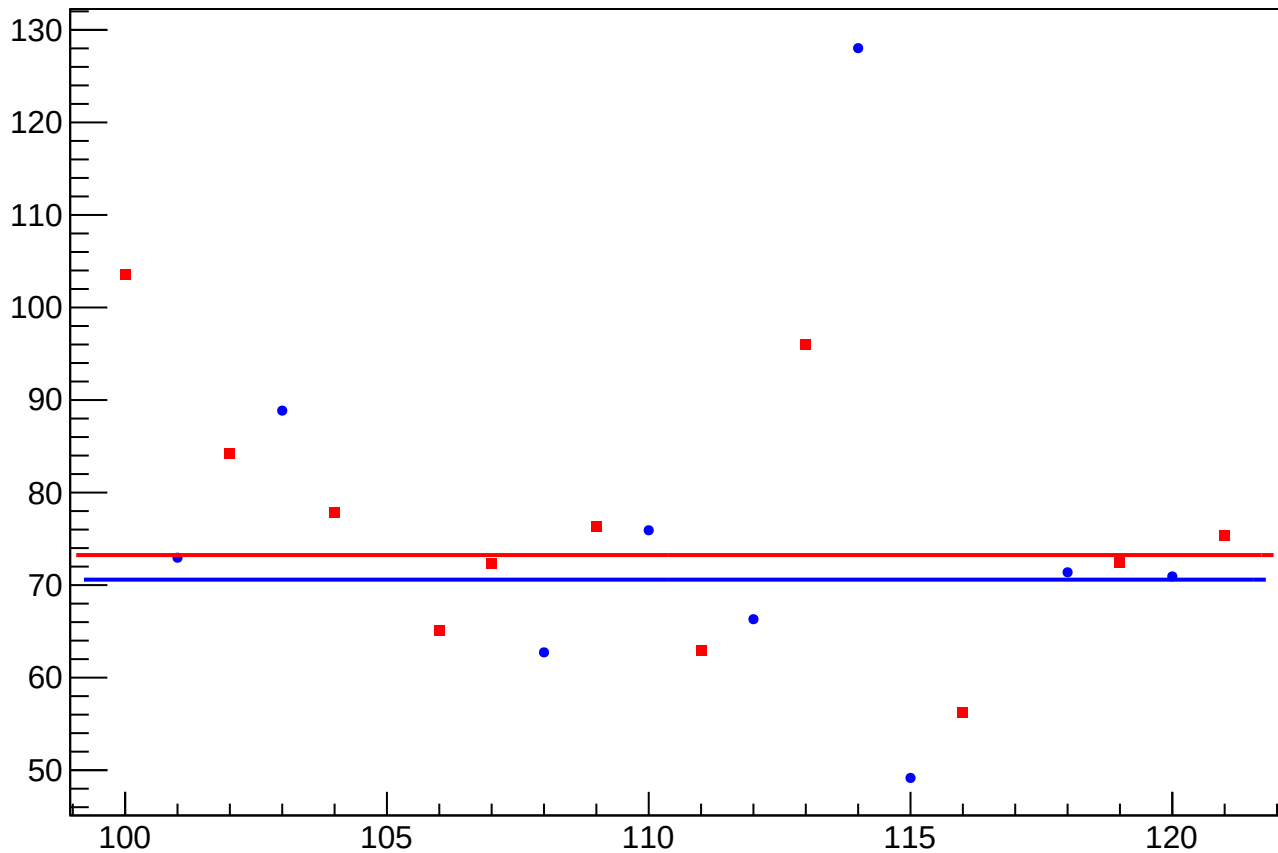
Right: 0.010+/-0.026 χ^2/NDF : 28.4/19

In: 0.019+/-0.038 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 28.4/19

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

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

Right Out: 73.247+/-0.025 χ^2/NDF : 160004.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

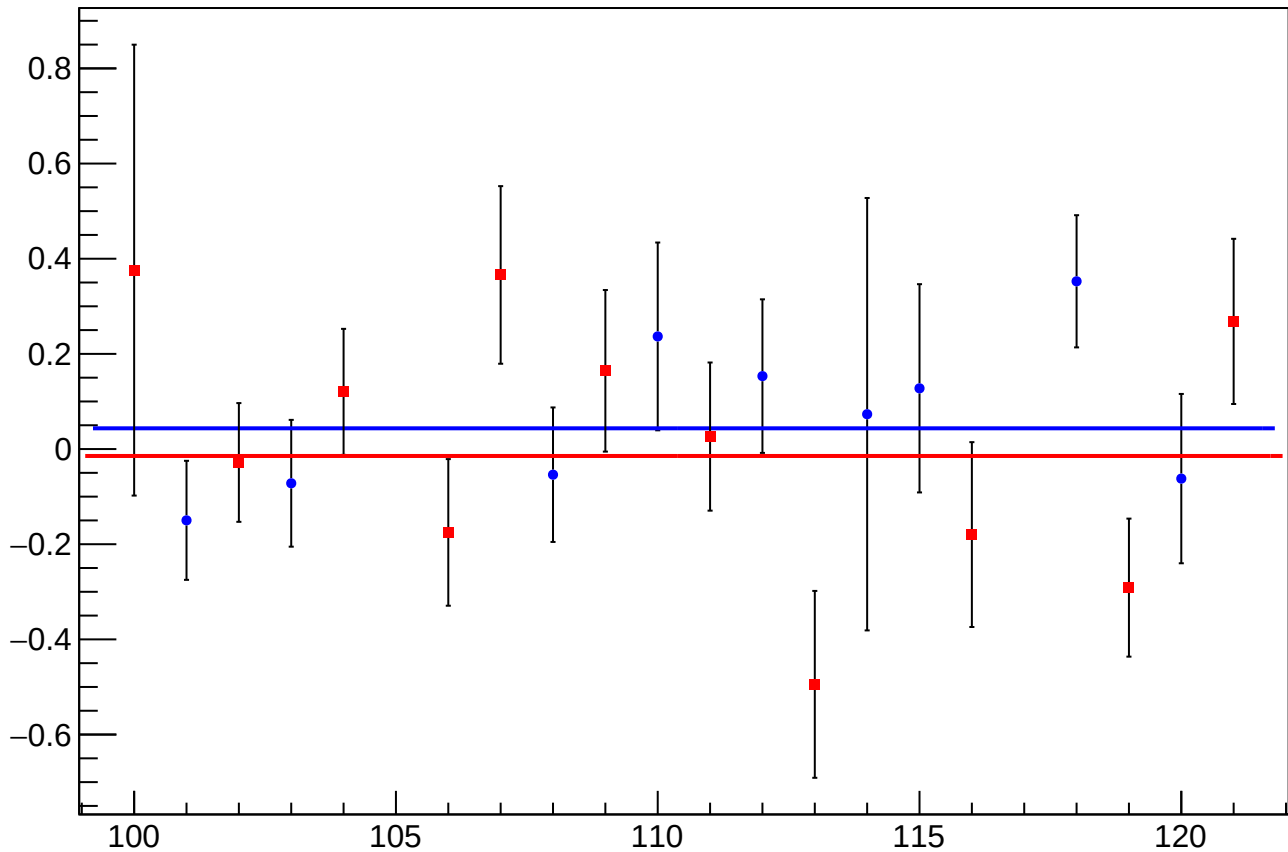
Right: 72.007+/-0.019 χ^2/NDF : 332201.3/19

In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.007+/-0.019 χ^2/NDF : 332201.3/19

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.054 χ^2/NDF : 10.5/8

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

Right Out: -0.015+/-0.050 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

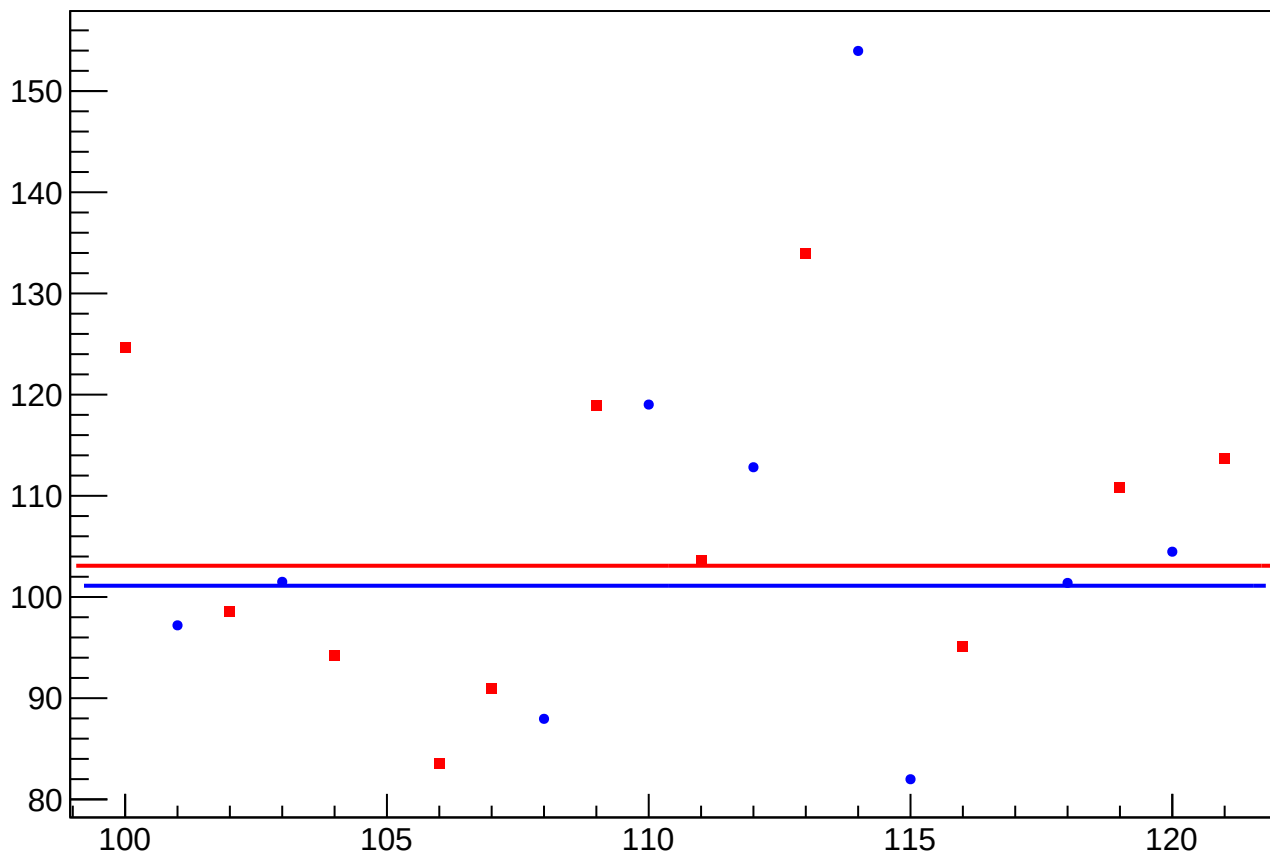
Right: 0.012+/-0.037 χ^2/NDF : 32.3/19

In: 0.044+/-0.054 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.037 χ^2/NDF : 32.3/19

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.113+/-0.038 χ^2/NDF : 89349.8/8

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

Right Out: 103.089+/-0.035 χ^2/NDF : 139858.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

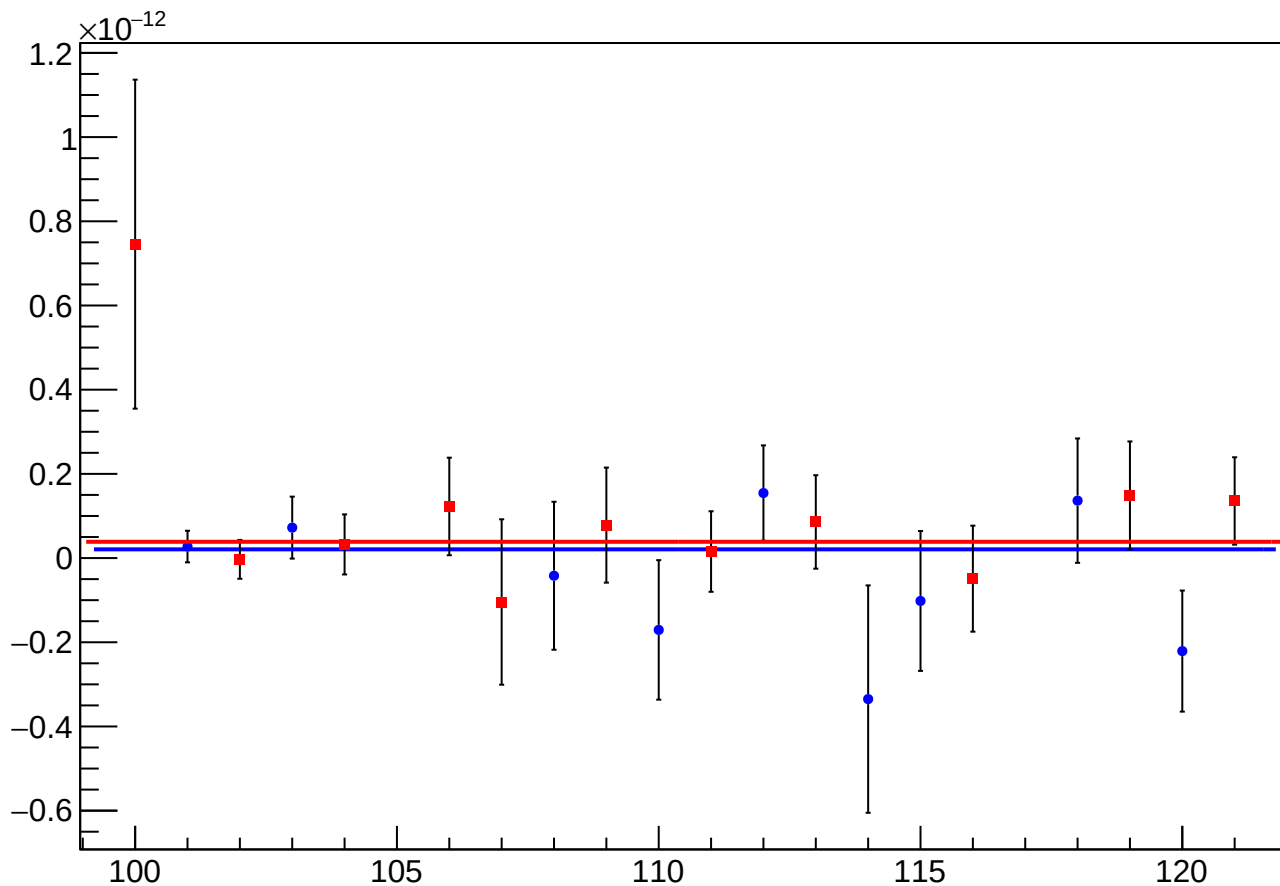
Right: 102.183+/-0.026 χ^2/NDF : 230660.2/19

In: 101.113+/-0.038 χ^2/NDF : 89349.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.183+/-0.026 χ^2/NDF : 230660.2/19

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

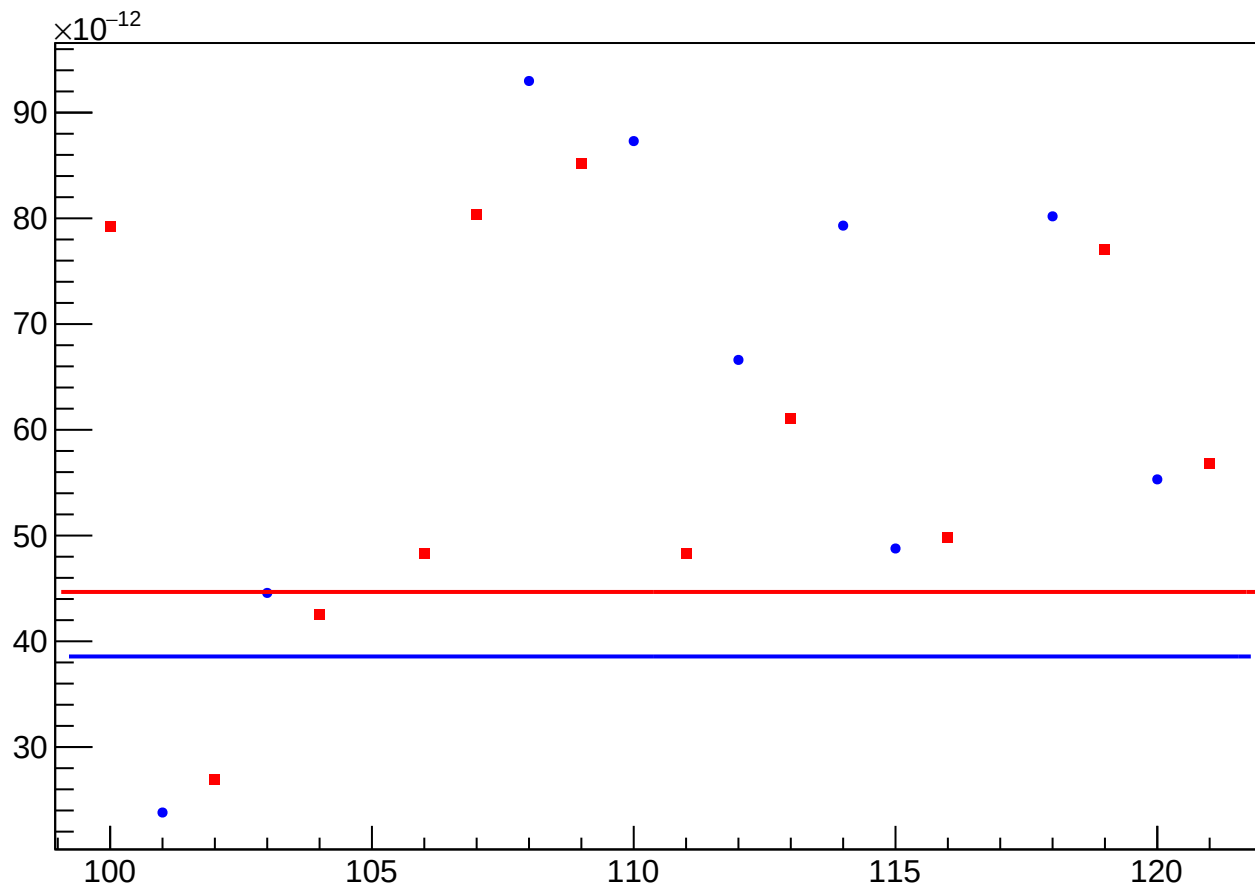
Right: 0.000+/-0.000 χ^2/NDF : 16.9/19

In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.9/19

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1049246.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 760639.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

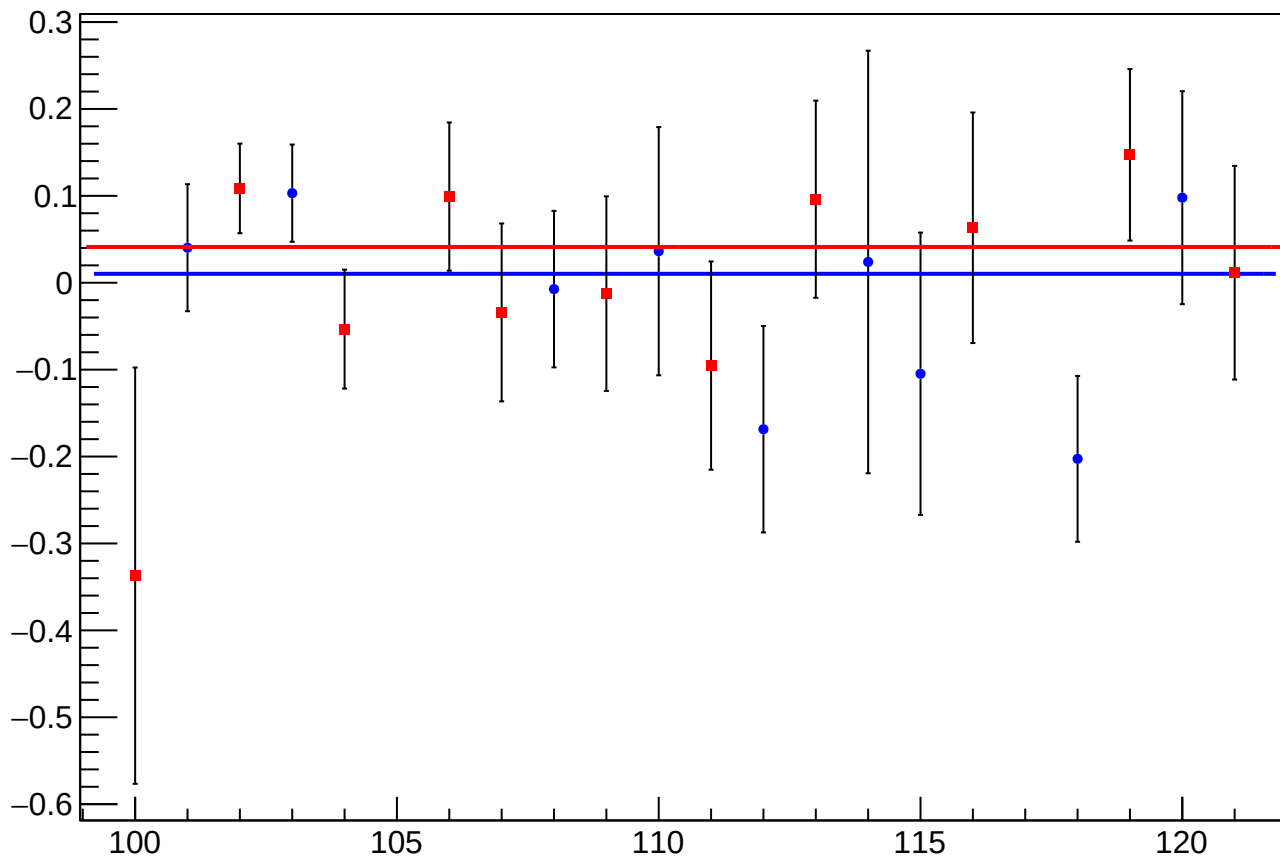
Right: 0.000+/-0.000 χ^2/NDF : 1854905.9/19

In: 0.000+/-0.000 χ^2/NDF : 1049246.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1854905.9/19

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.032 χ^2/NDF : 11.2/8

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

Right Out: 0.041+/-0.028 χ^2/NDF : 10.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

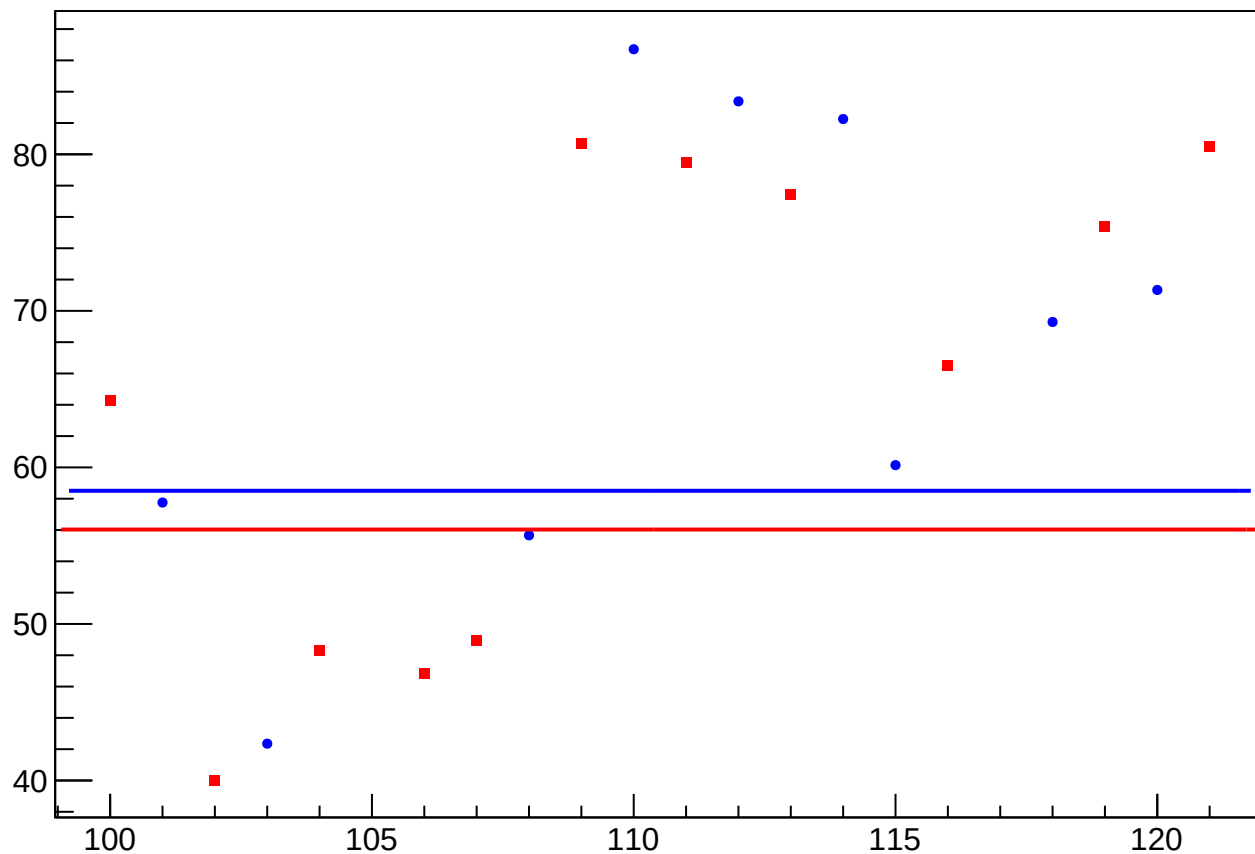
Right: 0.028+/-0.021 χ^2/NDF : 21.9/19

In: 0.010+/-0.032 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.021 χ^2/NDF : 21.9/19

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.507+/-0.023 χ^2/NDF : 401208.2/8

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

Right Out: 56.031+/-0.020 χ^2/NDF : 667216.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

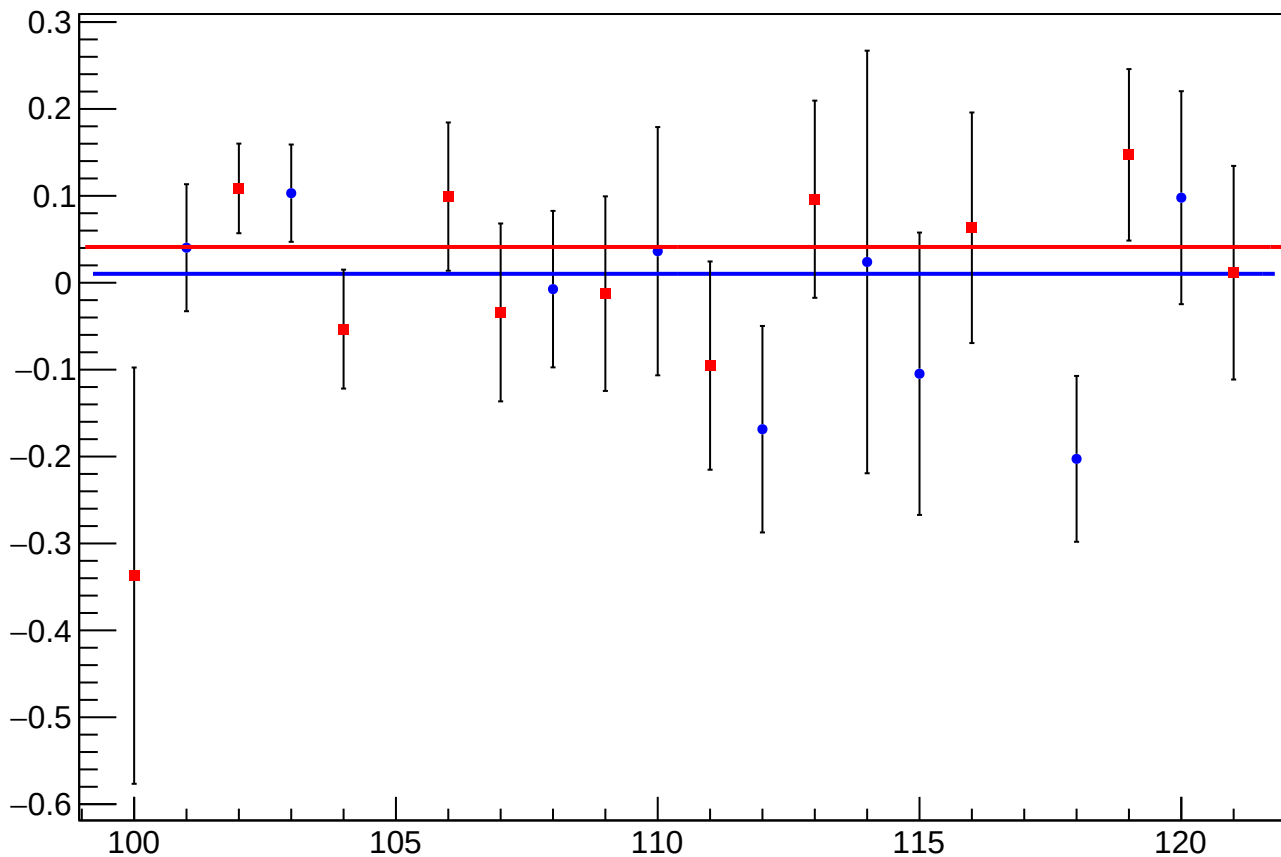
Right: 57.099+/-0.015 χ^2/NDF : 1075260.8/19

In: 58.507+/-0.023 χ^2/NDF :401208.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.099+/-0.015 χ^2/NDF : 1075260.8/19

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.032 χ^2/NDF : 11.2/8

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

Right Out: 0.041+/-0.028 χ^2/NDF : 10.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

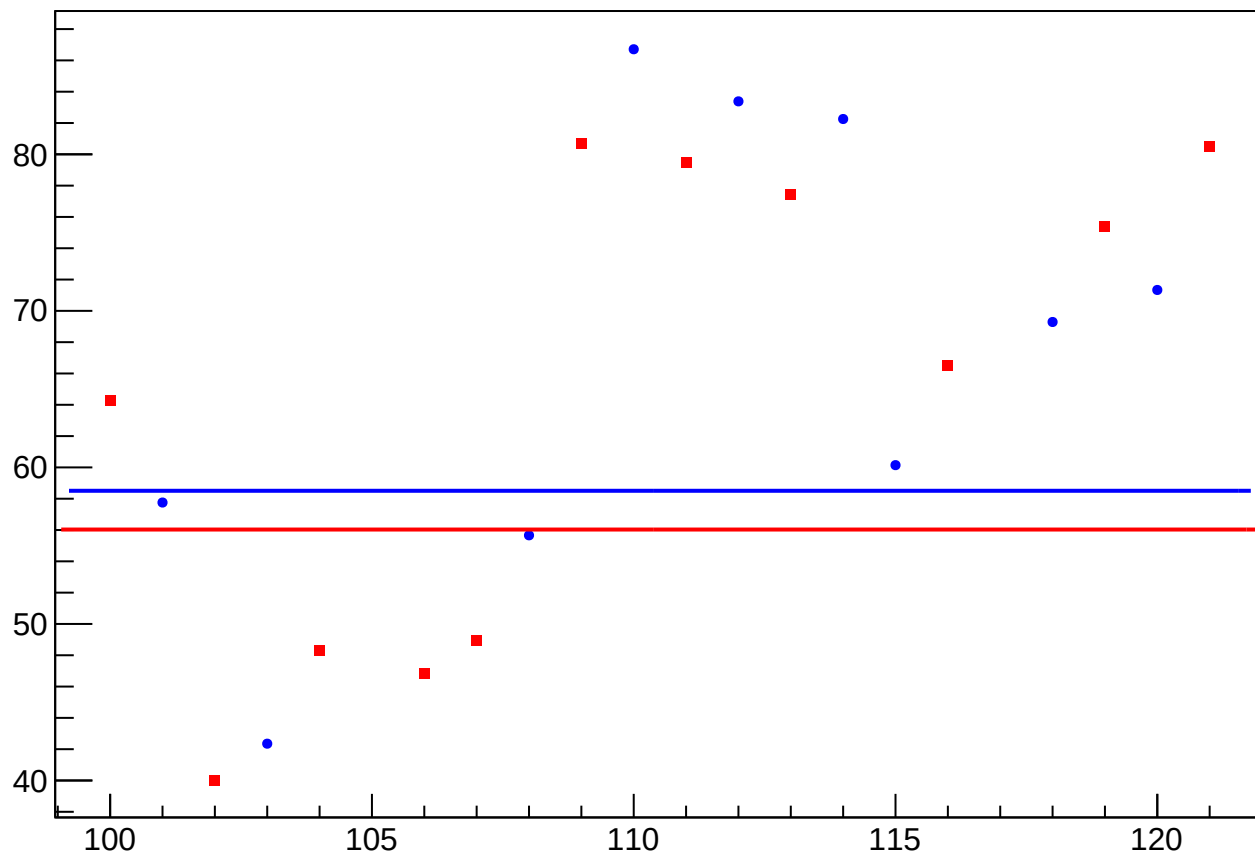
Right: 0.028+/-0.021 χ^2/NDF : 21.9/19

In: 0.010+/-0.032 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.021 χ^2/NDF : 21.9/19

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.507+/-0.023 χ^2/NDF : 401208.2/8

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

Right Out: 56.031+/-0.020 χ^2/NDF : 667216.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

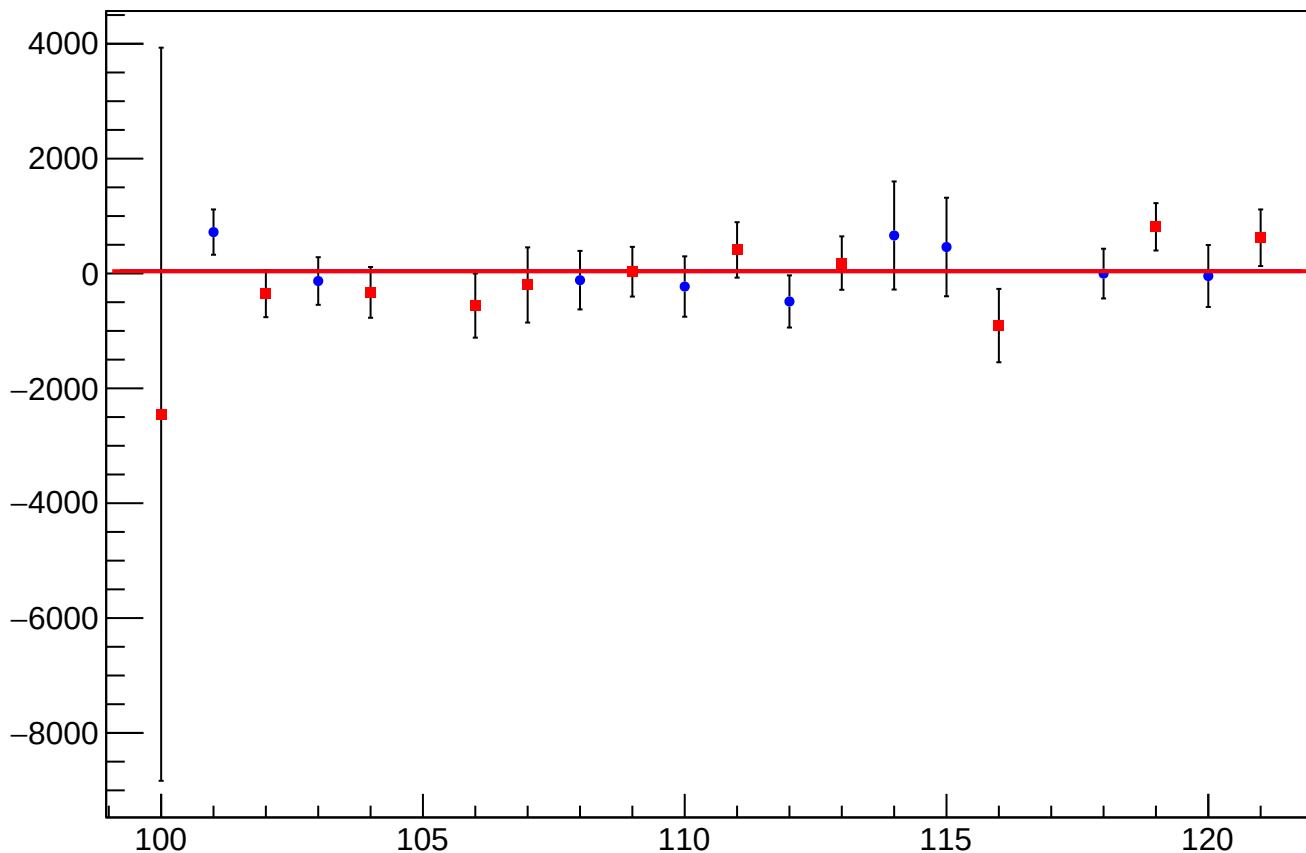
Right: 57.099+/-0.015 χ^2/NDF : 1075260.8/19

In: 58.507+/-0.023 χ^2/NDF :401208.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.099+/-0.015 χ^2/NDF : 1075260.8/19

asym_dsl_mean vs Slug, Sign Corrected



Right In: 40.608+/-167.070 χ^2/NDF : 5.6/8

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

Right Out: 39.719+/-151.718 χ^2/NDF : 10.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

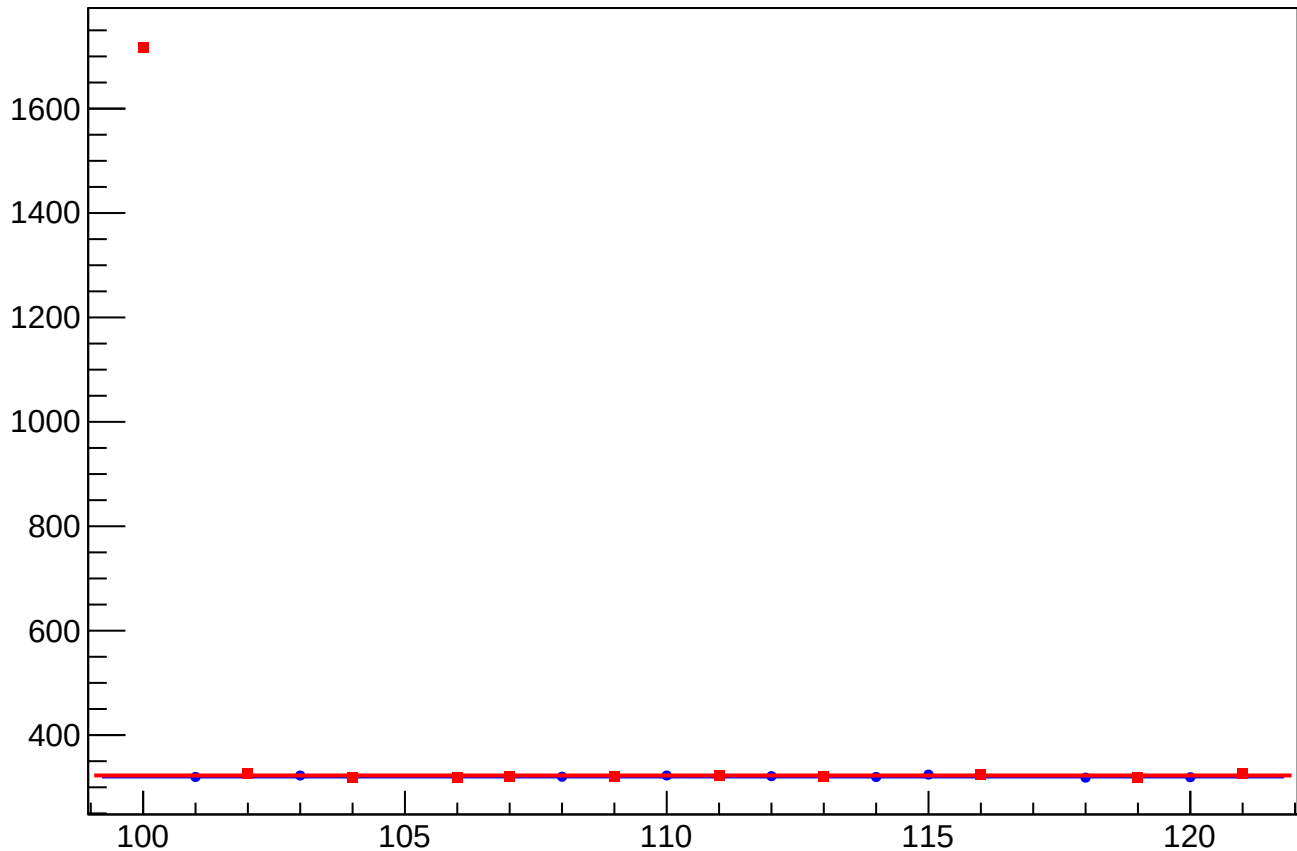
Right: 40.121+/-112.317 χ^2/NDF : 16.4/19

In: 40.608+/-167.070 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.121+/-112.317 χ^2/NDF : 16.4/19

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.706+/-0.118 χ^2/NDF : 182.1/8

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

Right Out: 322.656+/-0.107 χ^2/NDF : 96486.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

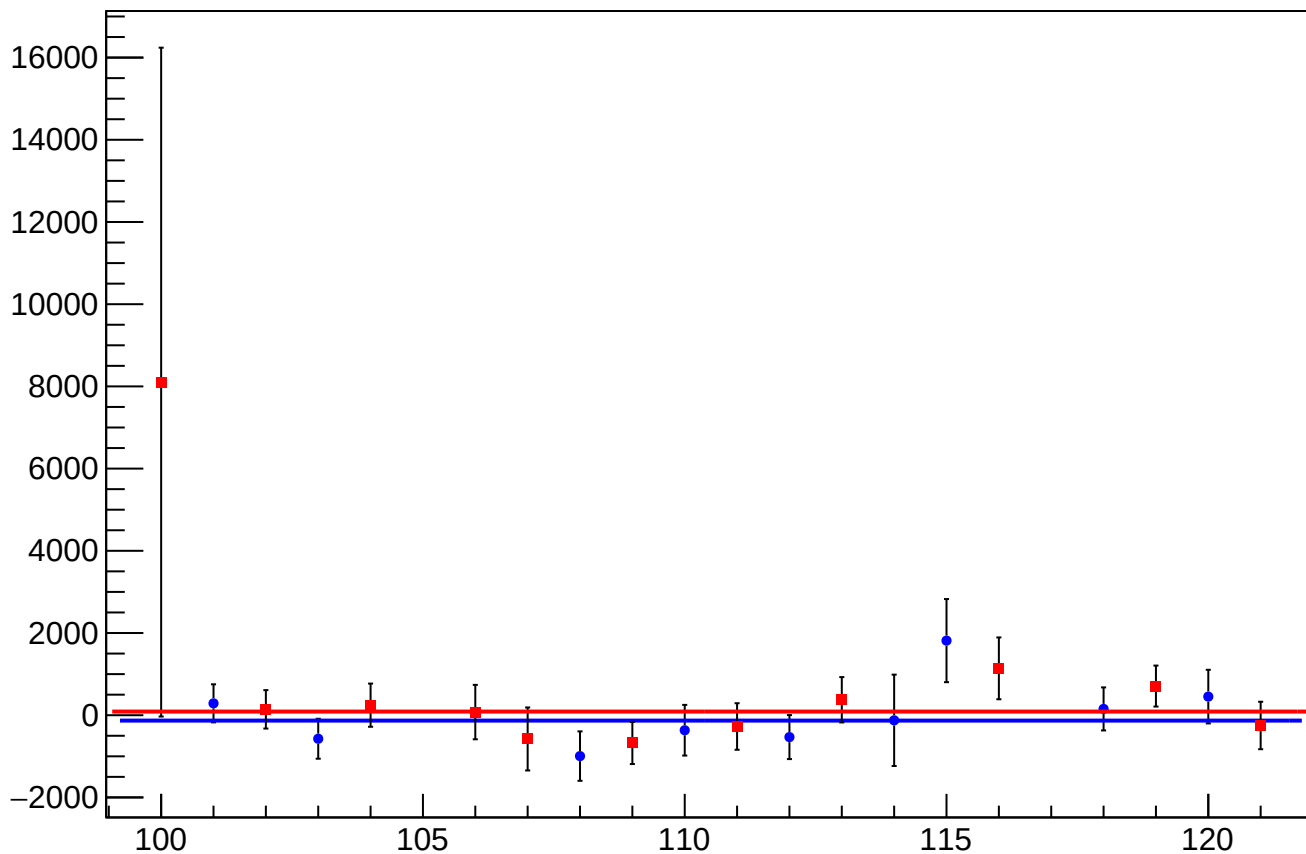
Right: 321.774+/-0.079 χ^2/NDF : 96817.9/19

In: 320.706+/-0.118 χ^2/NDF : 182.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.774+/-0.079 χ^2/NDF : 96817.9/19

asym_dsr_mean vs Slug, Sign Corrected



Right In: -130.770+/-197.729 χ^2 /NDF: 9.2/8

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

Right Out: 88.972+/-179.013 χ^2 /NDF: 8.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

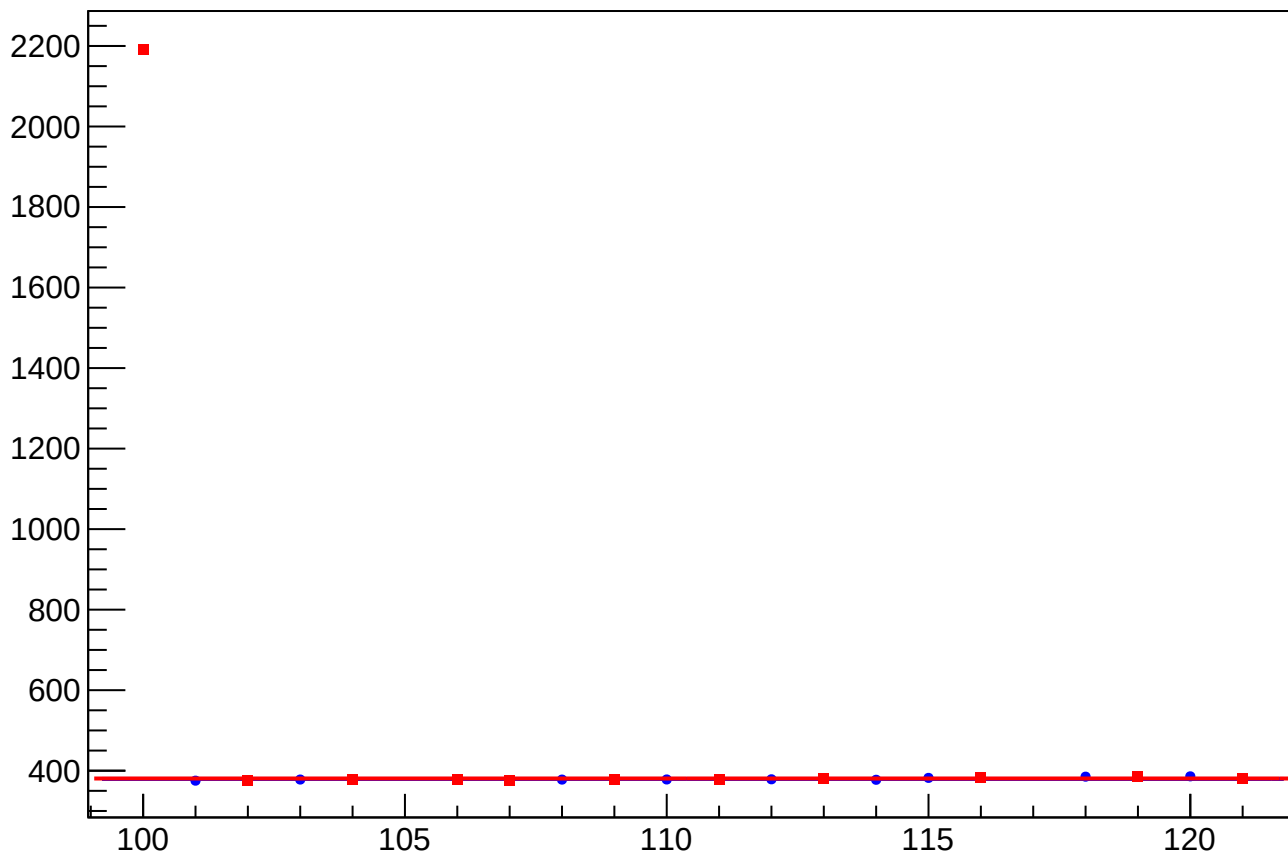
Right: -10.010+/-132.706 χ^2 /NDF: 18.5/19

In: -130.770+/-197.729 χ^2 /NDF:9.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -10.010+/-132.706 χ^2 /NDF: 18.5/19

asym_dsr_rms vs Slug, Sign Corrected



Right In: 379.521+/-0.140 χ^2/NDF : 667.2/8

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

Right Out: 380.625+/-0.127 χ^2/NDF : 99387.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

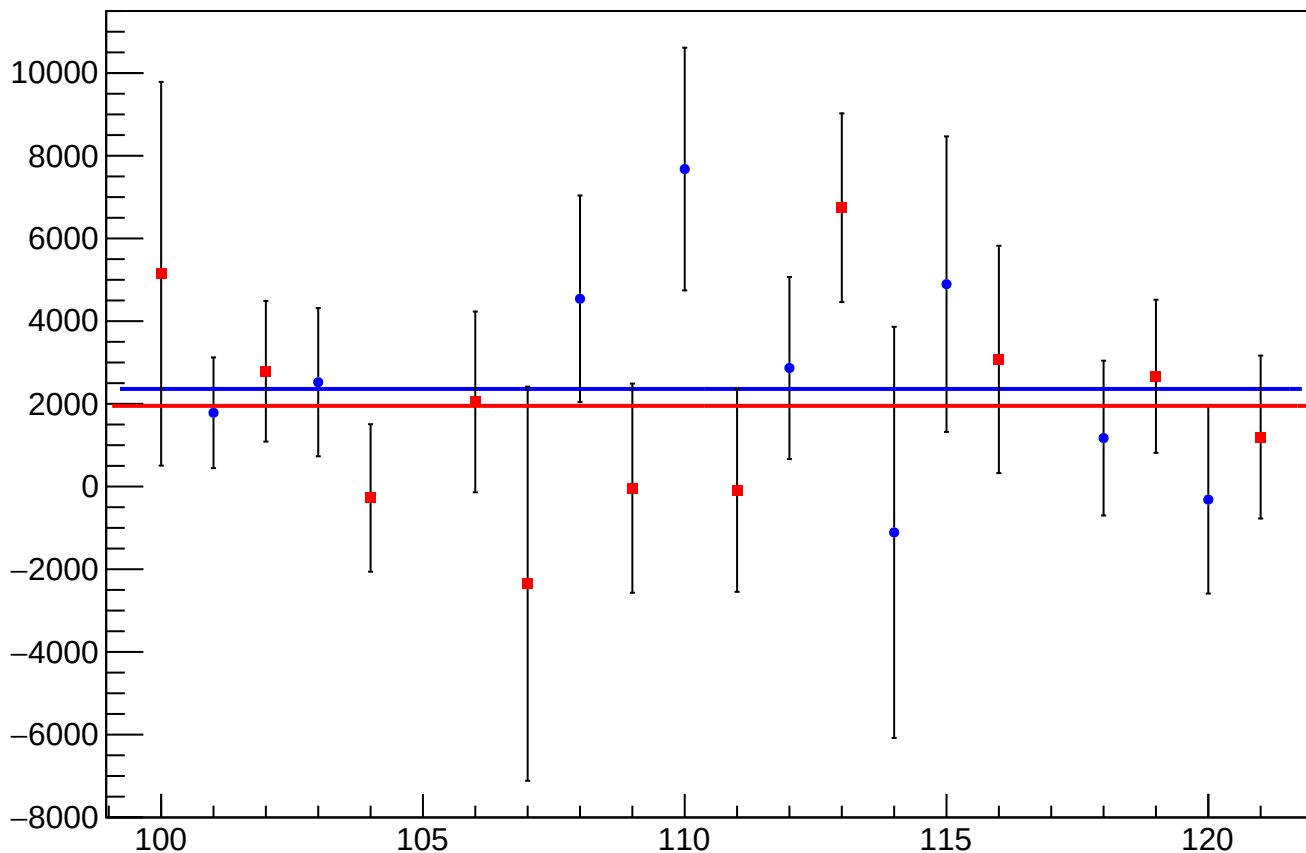
Right: 380.128+/-0.094 χ^2/NDF : 100089.3/19

In: 379.521+/-0.140 χ^2/NDF : 667.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.128+/-0.094 χ^2/NDF : 100089.3/19

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

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

Right Out: 1951.082+/-681.082 χ^2/NDF : 9.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

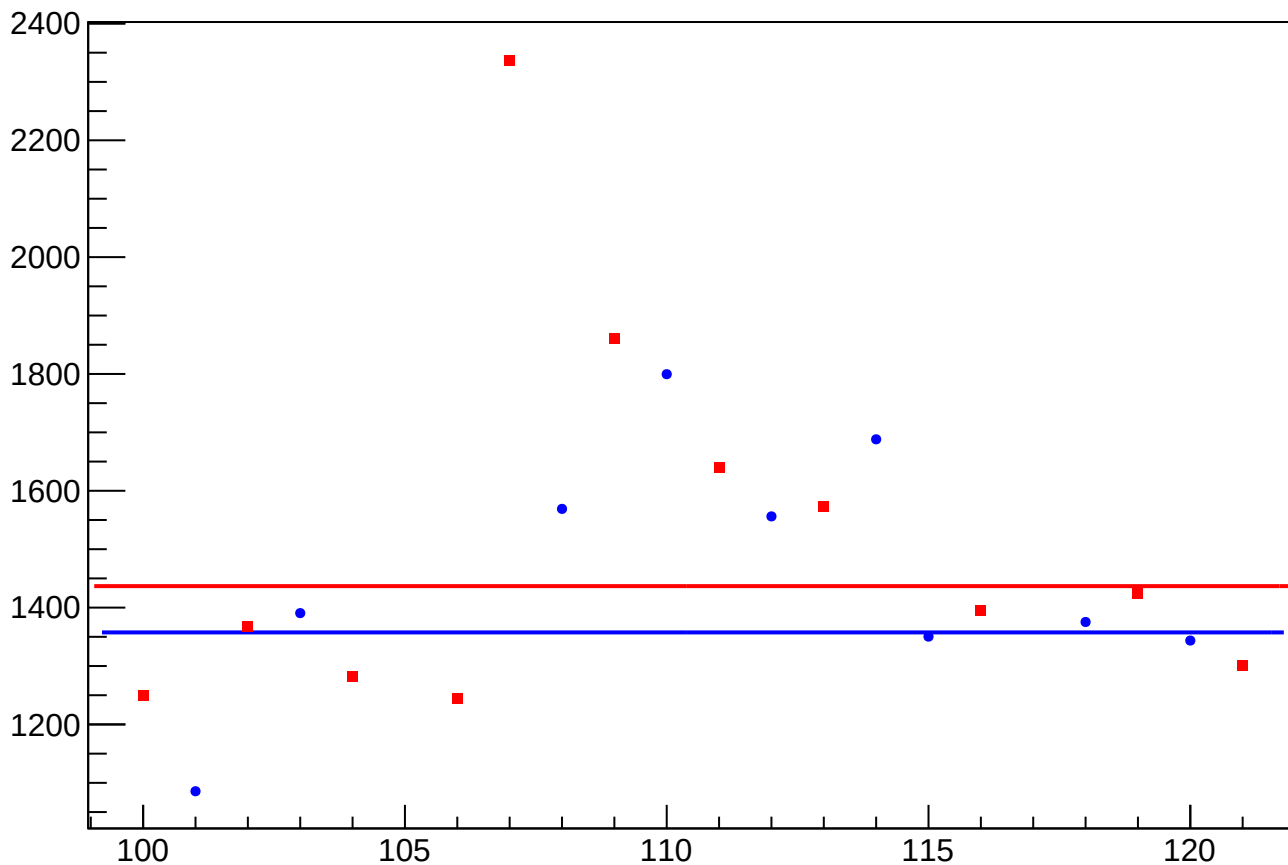
Right: 2145.481+/-493.581 χ^2/NDF : 16.5/19

In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.481+/-493.581 χ^2/NDF : 16.5/19

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

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

Right Out: 1436.768+/-0.482 χ^2/NDF : 195434.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

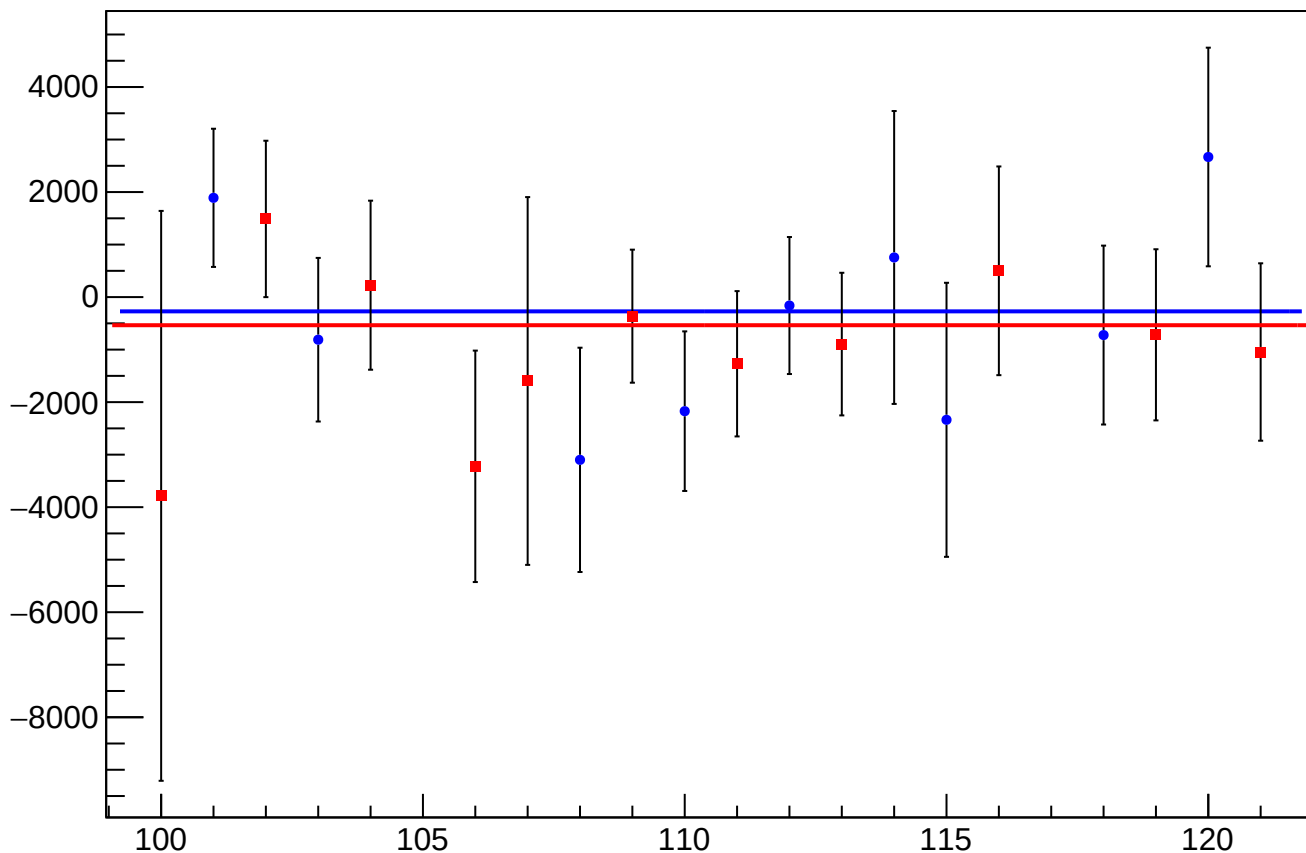
Right: 1399.150+/-0.349 χ^2/NDF : 376454.6/19

In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.150+/-0.349 χ^2/NDF : 376454.6/19

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -271.672+/-569.709 χ^2/NDF : 9.0/8

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

Right Out: -535.467+/-511.150 χ^2/NDF : 4.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

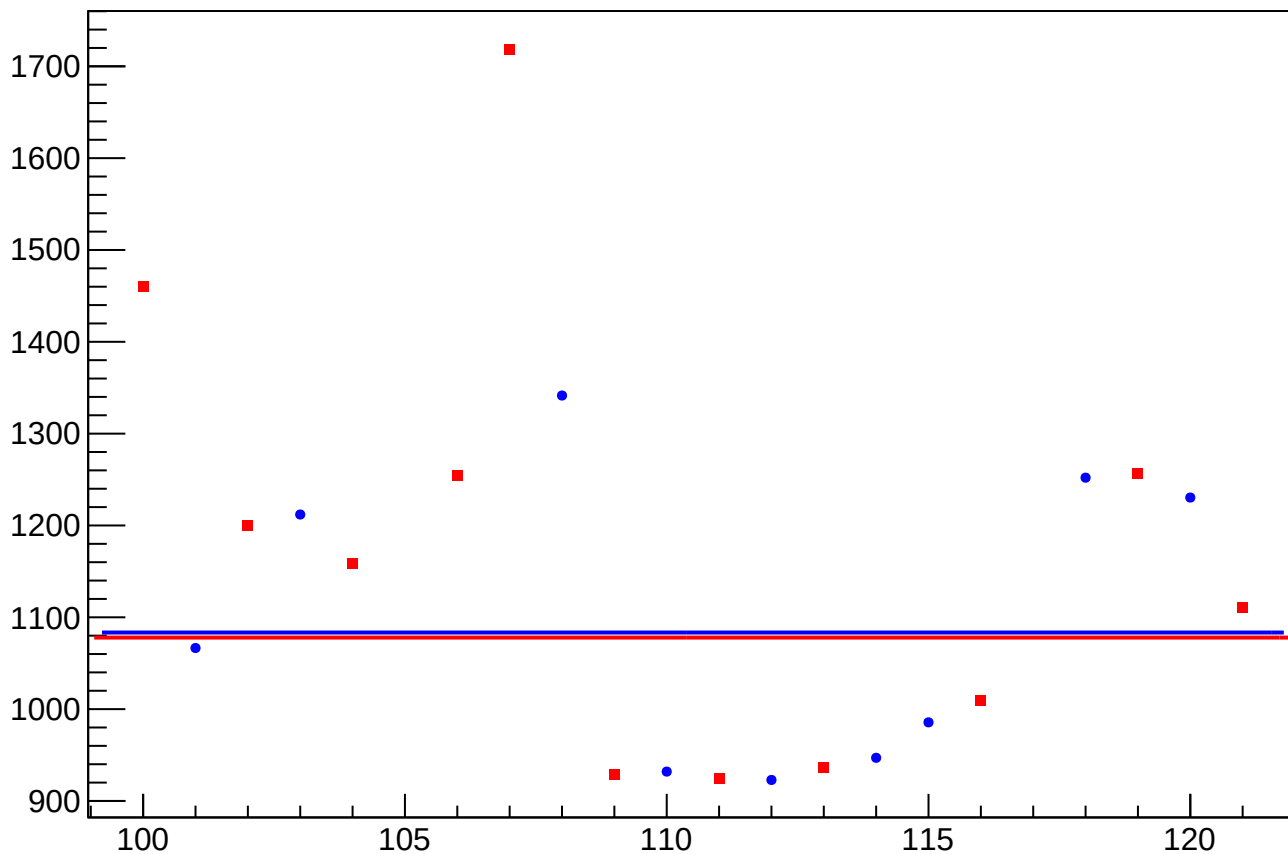
Right: -417.820+/-380.462 χ^2/NDF : 13.8/19

In: -271.672+/-569.709 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -417.820+/-380.462 χ^2/NDF : 13.8/19

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

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

Right Out: 1077.921+/-0.361 χ^2/NDF : 208990.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

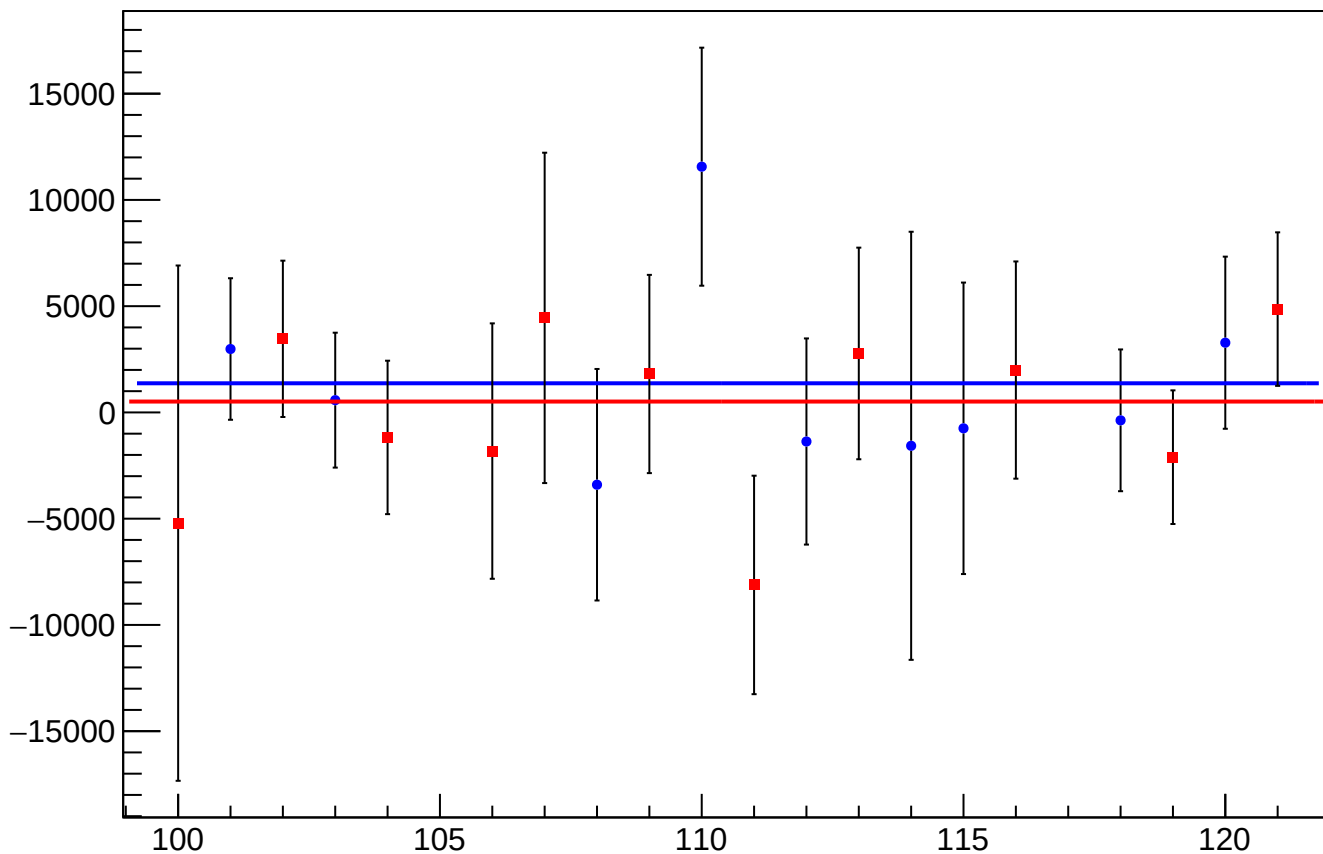
Right: 1080.373+/-0.269 χ^2/NDF : 339582.5/19

In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.373+/-0.269 χ^2/NDF : 339582.5/19

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1371.226+/-1444.202 χ^2/NDF : 5.4/8

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

Right Out: 511.624+/-1358.505 χ^2/NDF : 6.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

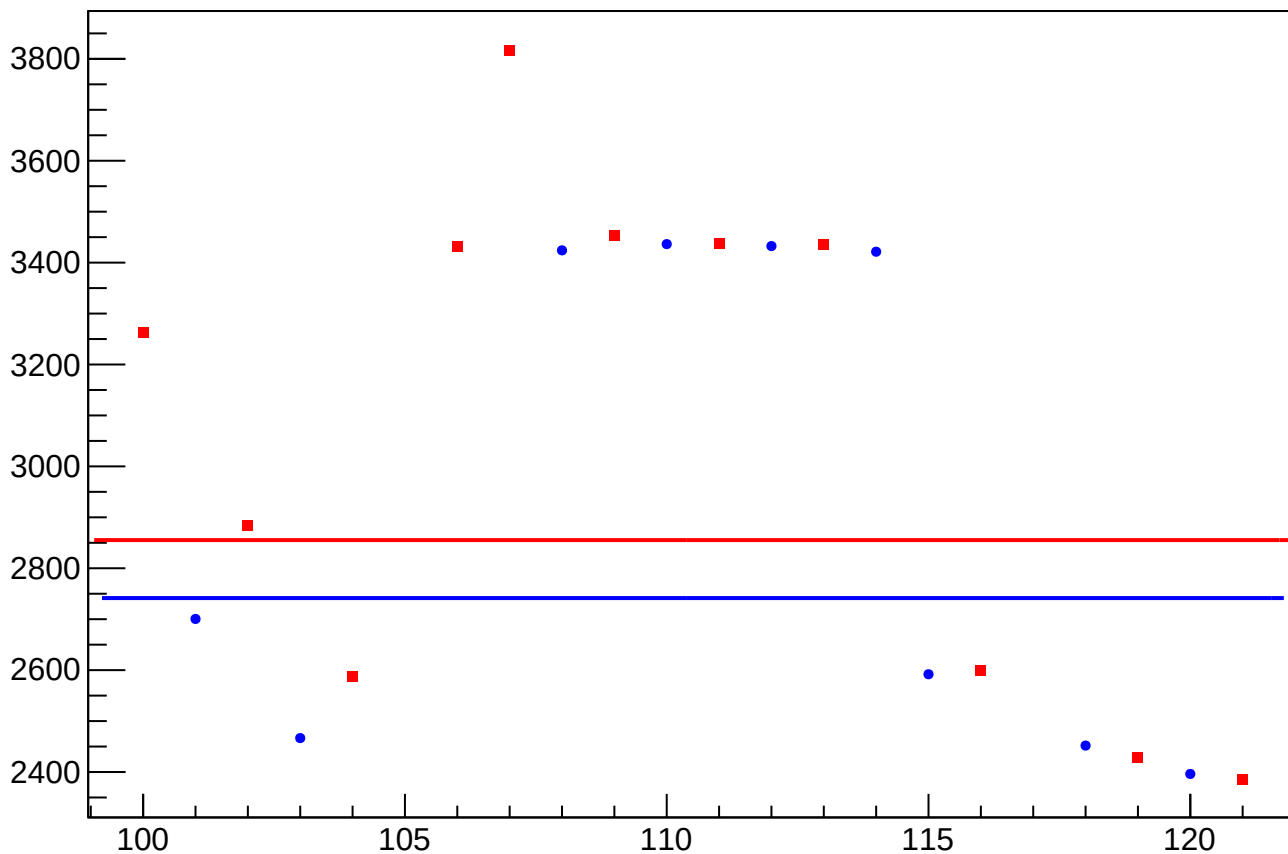
Right: 915.166+/-989.518 χ^2/NDF : 12.4/19

In: 1371.226+/-1444.202 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.166+/-989.518 χ^2/NDF : 12.4/19

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.484+/-1.021 χ^2/NDF : 157751.9/8

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

Right Out: 2855.311+/-0.961 χ^2/NDF : 223746.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

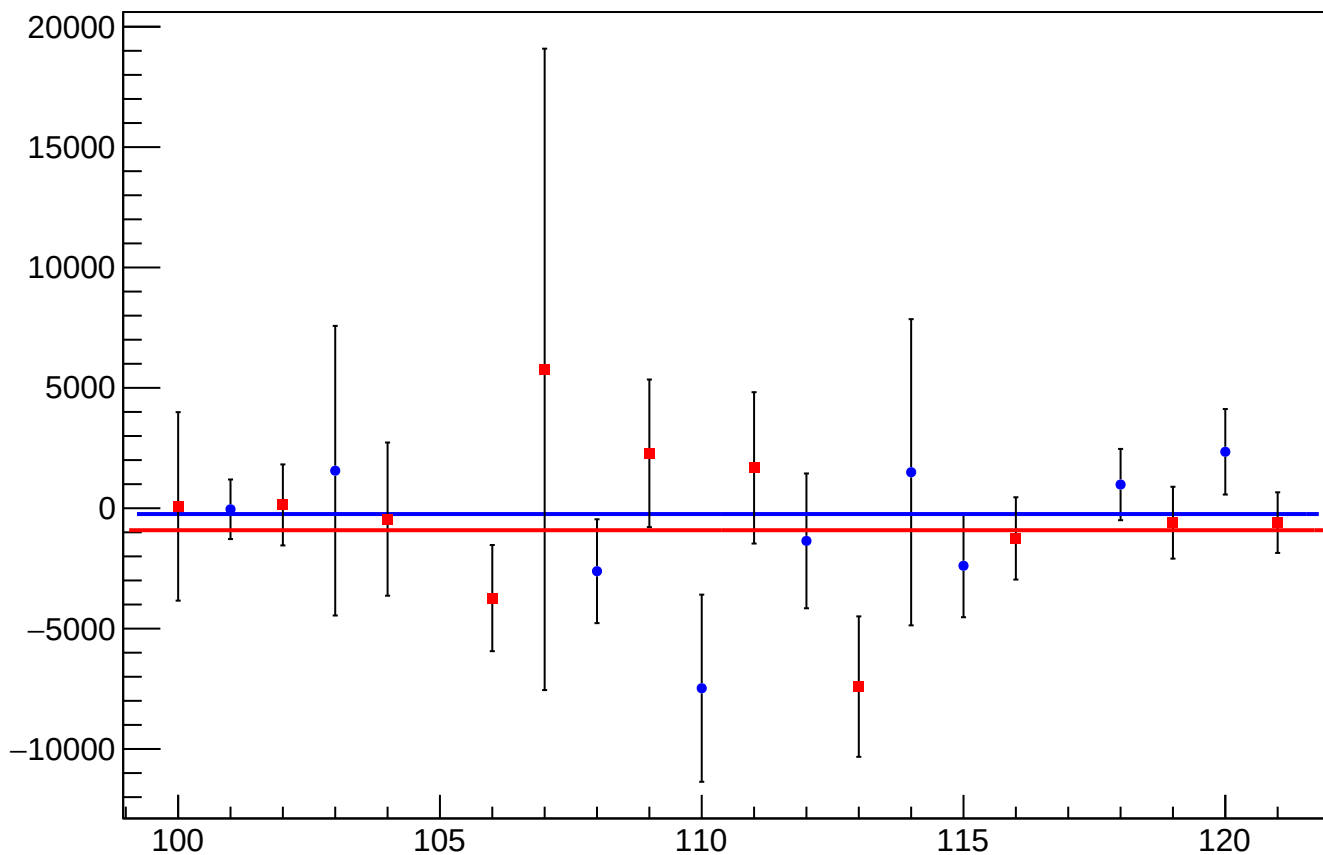
Right: 2801.874+/-0.700 χ^2/NDF : 388090.1/19

In: 2741.484+/-1.021 χ^2/NDF : 157751.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2801.874+/-0.700 χ^2/NDF : 388090.1/19

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -241.490+/-689.094 χ^2/NDF : 8.8/8

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

Right Out: -912.856+/-635.500 χ^2/NDF : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

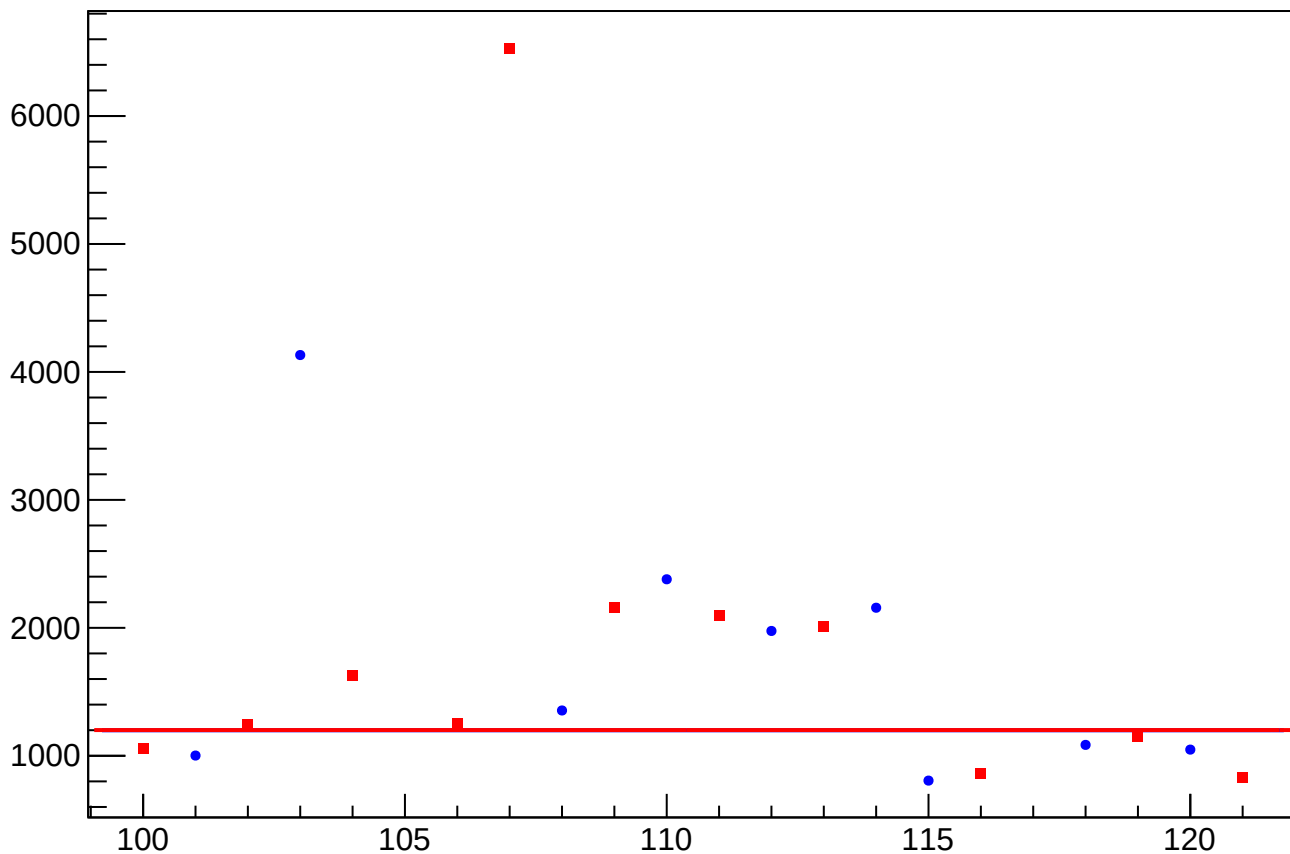
Right: -604.293+/-467.166 χ^2/NDF : 18.6/19

In: -241.490+/-689.094 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.293+/-467.166 χ^2/NDF : 18.6/19

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1199.478+/-0.487 χ^2/NDF : 1014110.5/8

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

Right Out: 1201.077+/-0.449 χ^2/NDF : 1129862.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

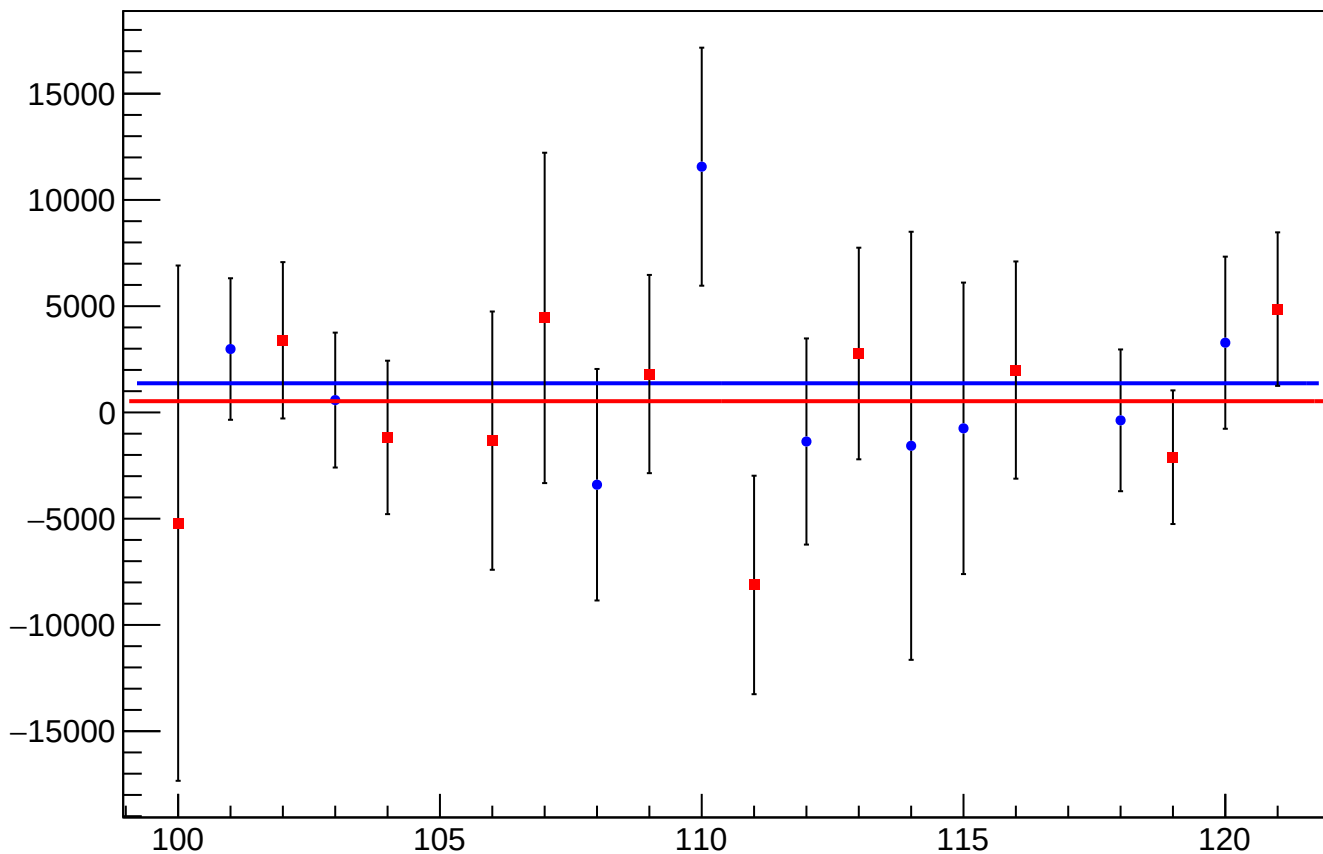
Right: 1200.342+/-0.330 χ^2/NDF : 2143979.2/19

In: 1199.478+/-0.487 χ^2/NDF : 1014110.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1200.342+/-0.330 χ^2/NDF : 2143979.2/19

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

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

Right Out: 529.135+/-1359.294 χ^2/NDF : 6.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

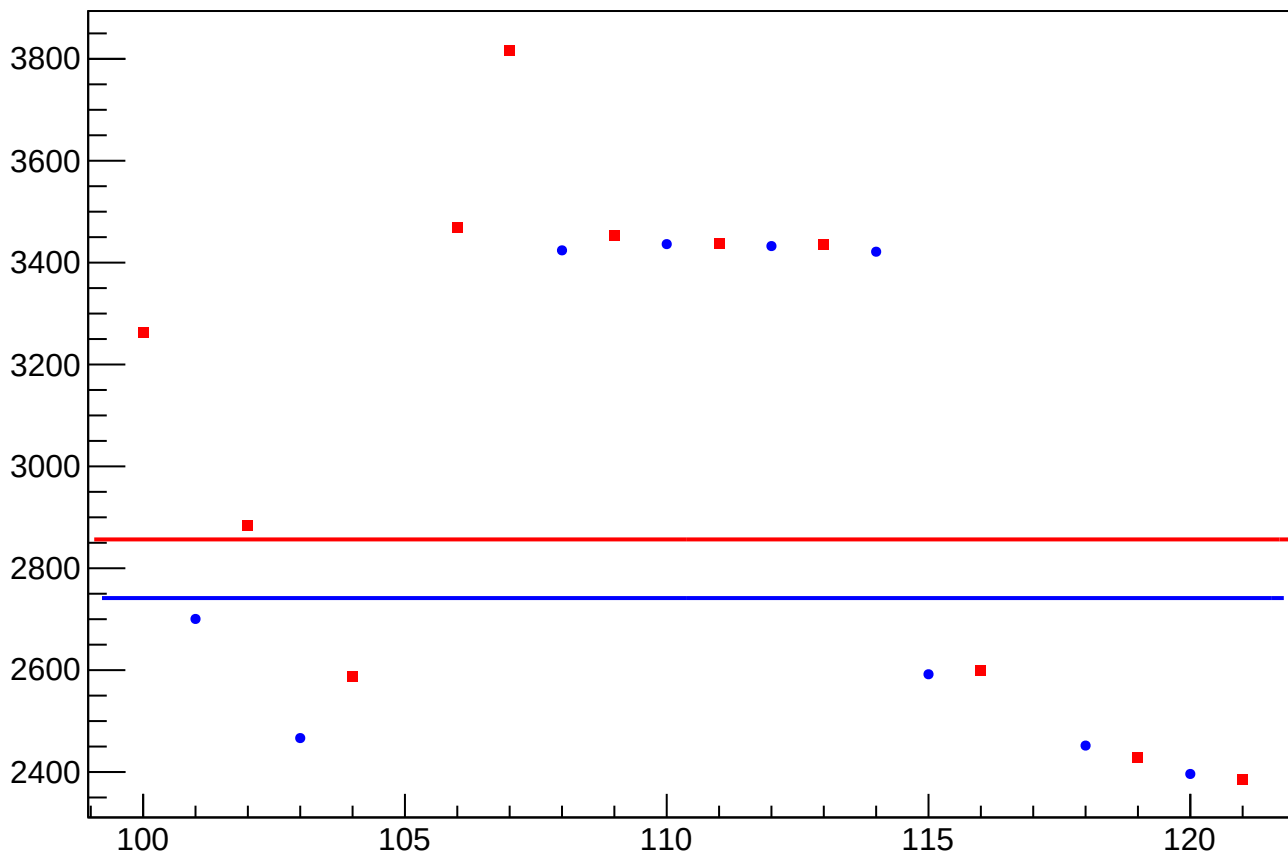
Right: 925.141+/-989.823 χ^2/NDF : 12.3/19

In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.141+/-989.823 χ^2/NDF : 12.3/19

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

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

Right Out: 2856.613+/-0.961 χ^2/NDF : 225791.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

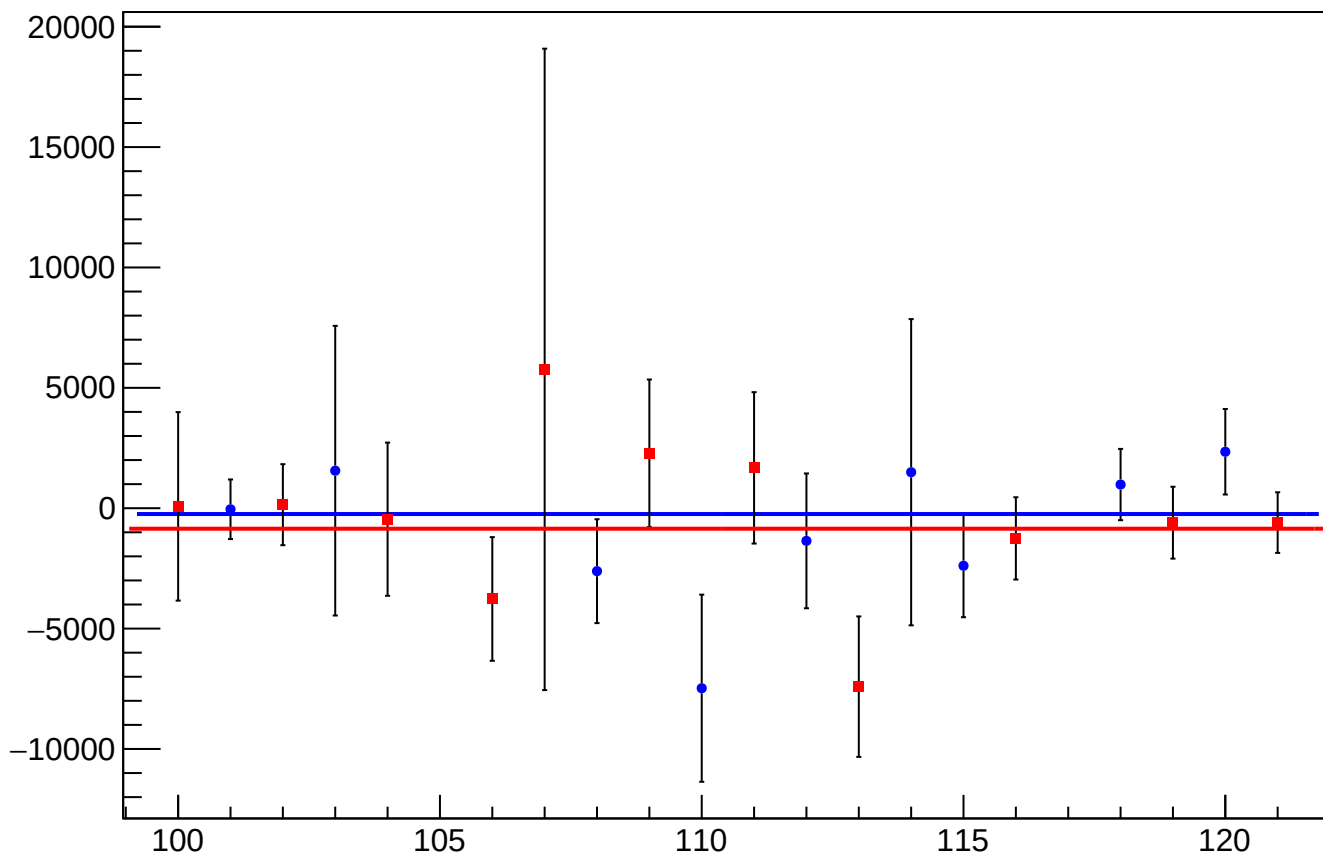
Right: 2802.532+/-0.700 χ^2/NDF : 390282.6/19

In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2802.532+/-0.700 χ^2/NDF : 390282.6/19

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -241.514+/-689.087 χ^2/NDF : 8.8/8

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

Right Out: -850.996+/-642.555 χ^2/NDF : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

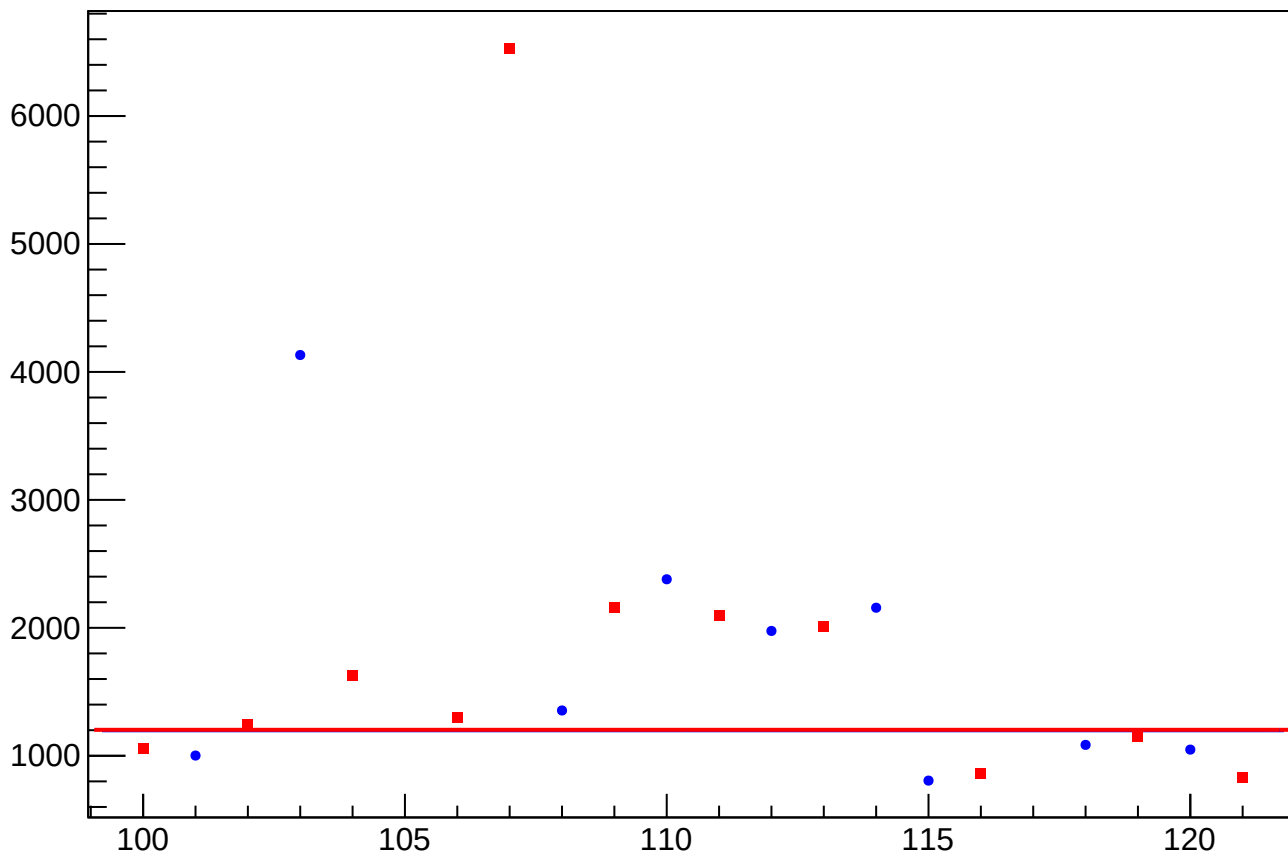
Right: -567.526+/-469.945 χ^2/NDF : 18.1/19

In: -241.514+/-689.087 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.526+/-469.945 χ^2/NDF : 18.1/19

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

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

Right Out: 1203.013+/-0.454 χ^2/NDF : 1131867.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

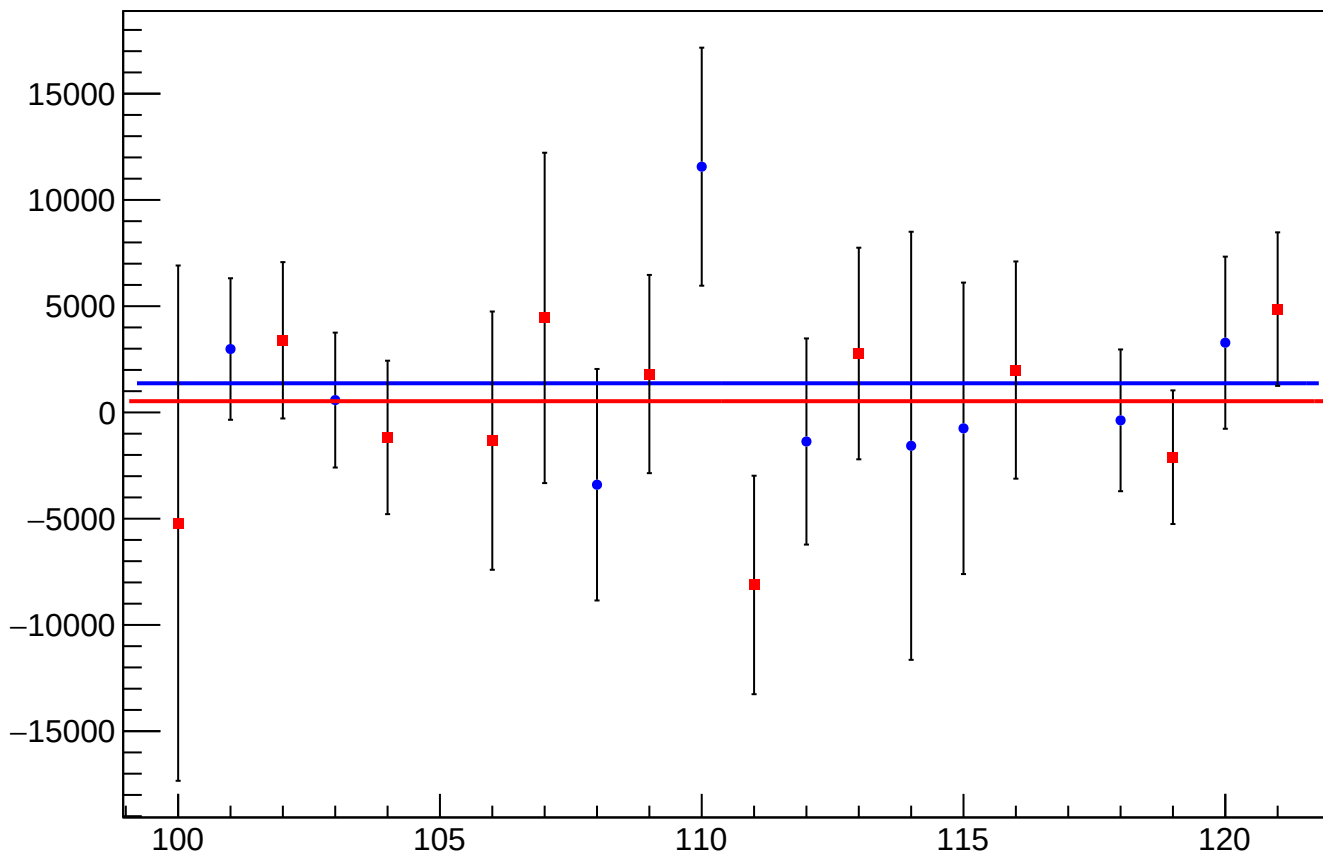
Right: 1201.360+/-0.332 χ^2/NDF : 2146030.9/19

In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.360+/-0.332 χ^2/NDF : 2146030.9/19

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

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

Right Out: 529.135+/-1359.294 χ^2/NDF : 6.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

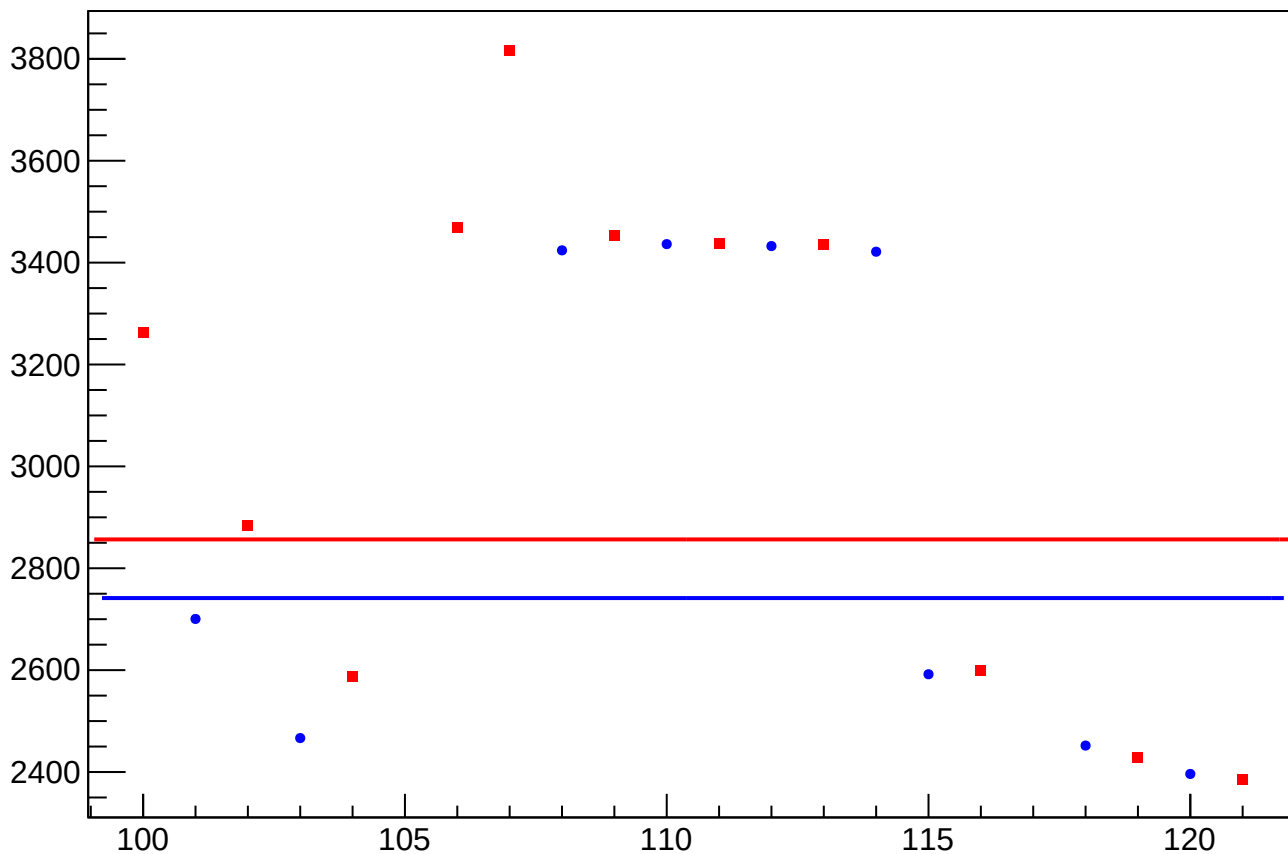
Right: 925.141+/-989.823 χ^2/NDF : 12.3/19

In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.141+/-989.823 χ^2/NDF : 12.3/19

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

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

Right Out: 2856.613+/-0.961 χ^2/NDF : 225791.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

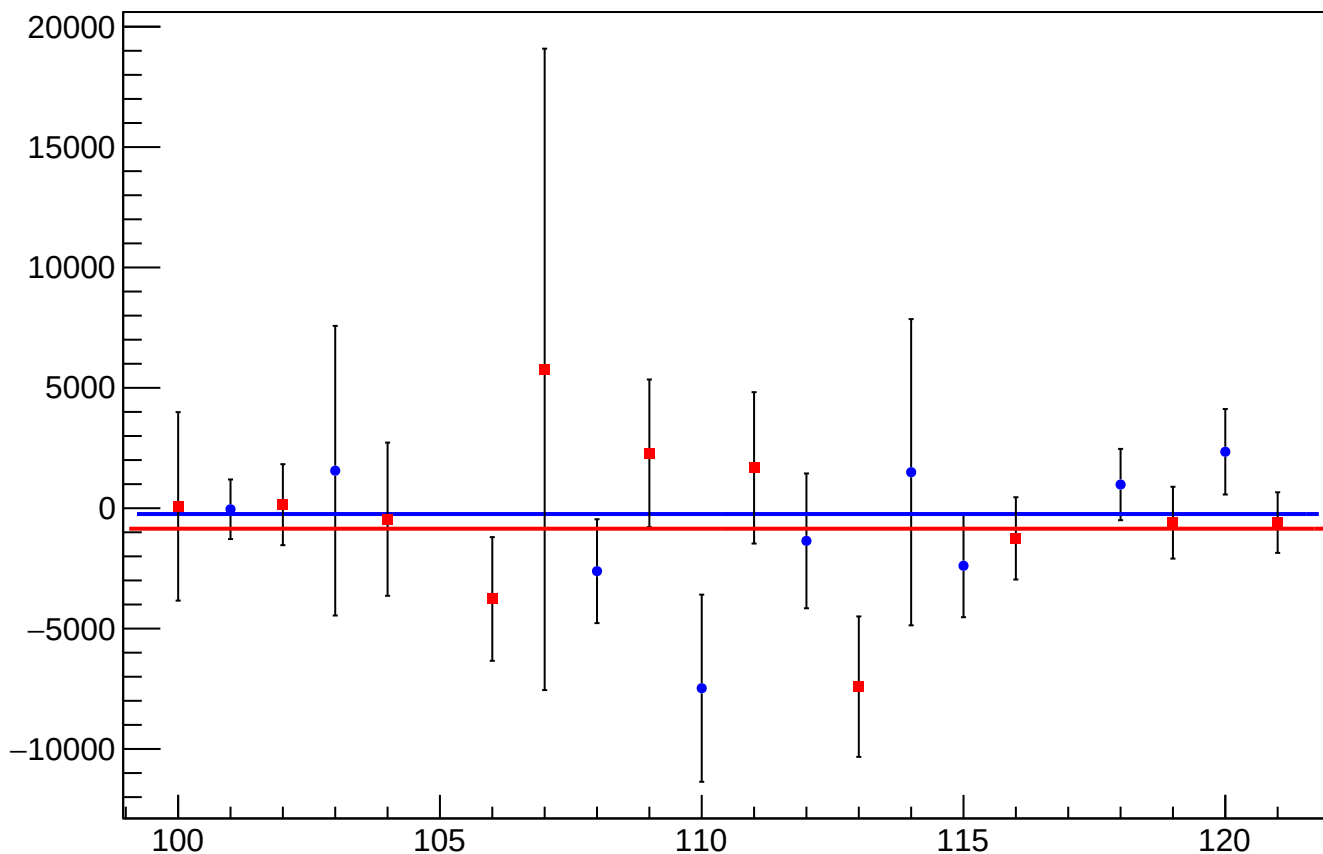
Right: 2802.532+/-0.700 χ^2/NDF : 390282.6/19

In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2802.532+/-0.700 χ^2/NDF : 390282.6/19

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -241.514+/-689.087 χ^2 /NDF: 8.8/8

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

Right Out: -850.996+/-642.555 χ^2 /NDF: 8.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

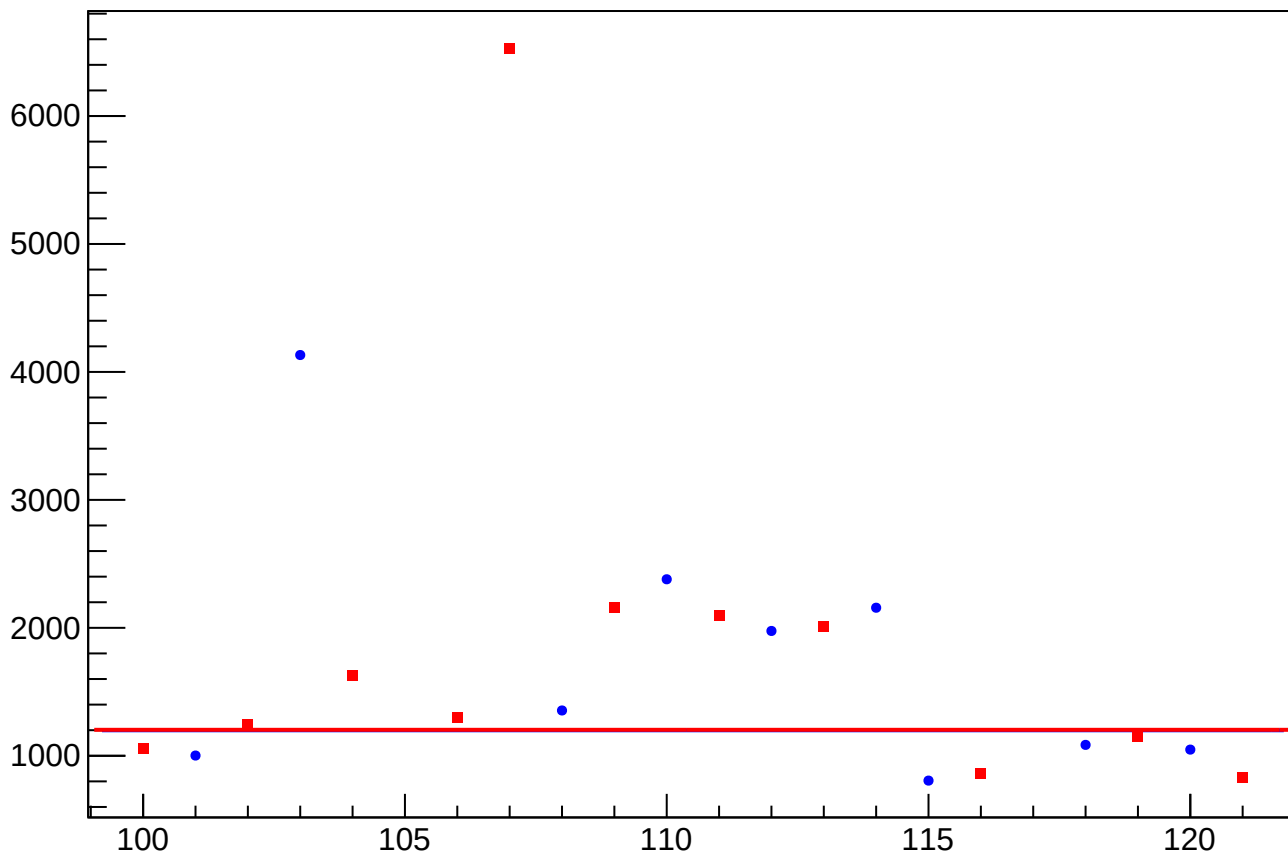
Right: -567.526+/-469.945 χ^2 /NDF: 18.1/19

In: -241.514+/-689.087 χ^2 /NDF:8.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -567.526+/-469.945 χ^2 /NDF: 18.1/19

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

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

Right Out: 1203.013+/-0.454 χ^2/NDF : 1131867.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

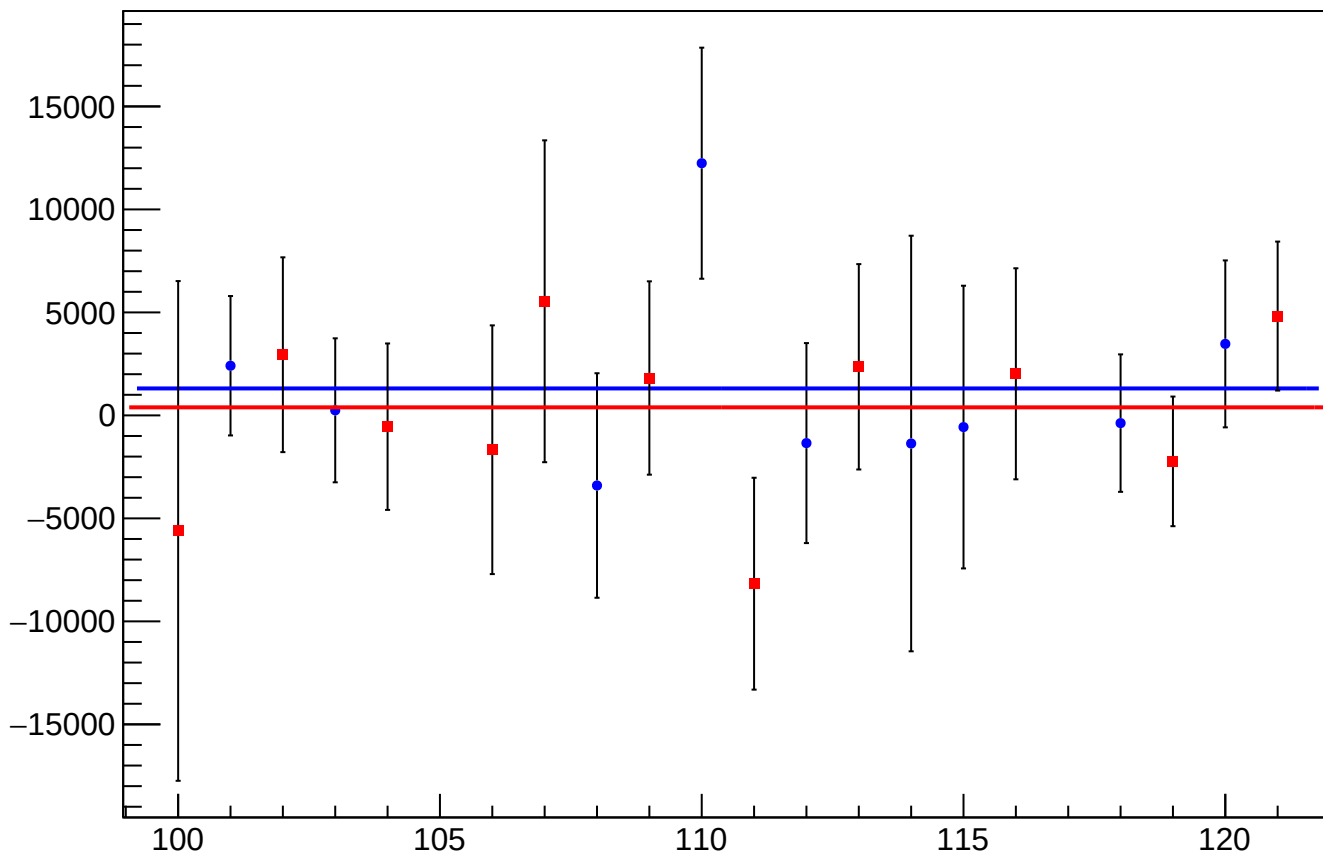
Right: 1201.360+/-0.332 χ^2/NDF : 2146030.9/19

In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.360+/-0.332 χ^2/NDF : 2146030.9/19

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1308.750+/-1476.395 χ^2/NDF : 5.7/8

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

Right Out: 390.735+/-1420.499 χ^2/NDF : 6.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

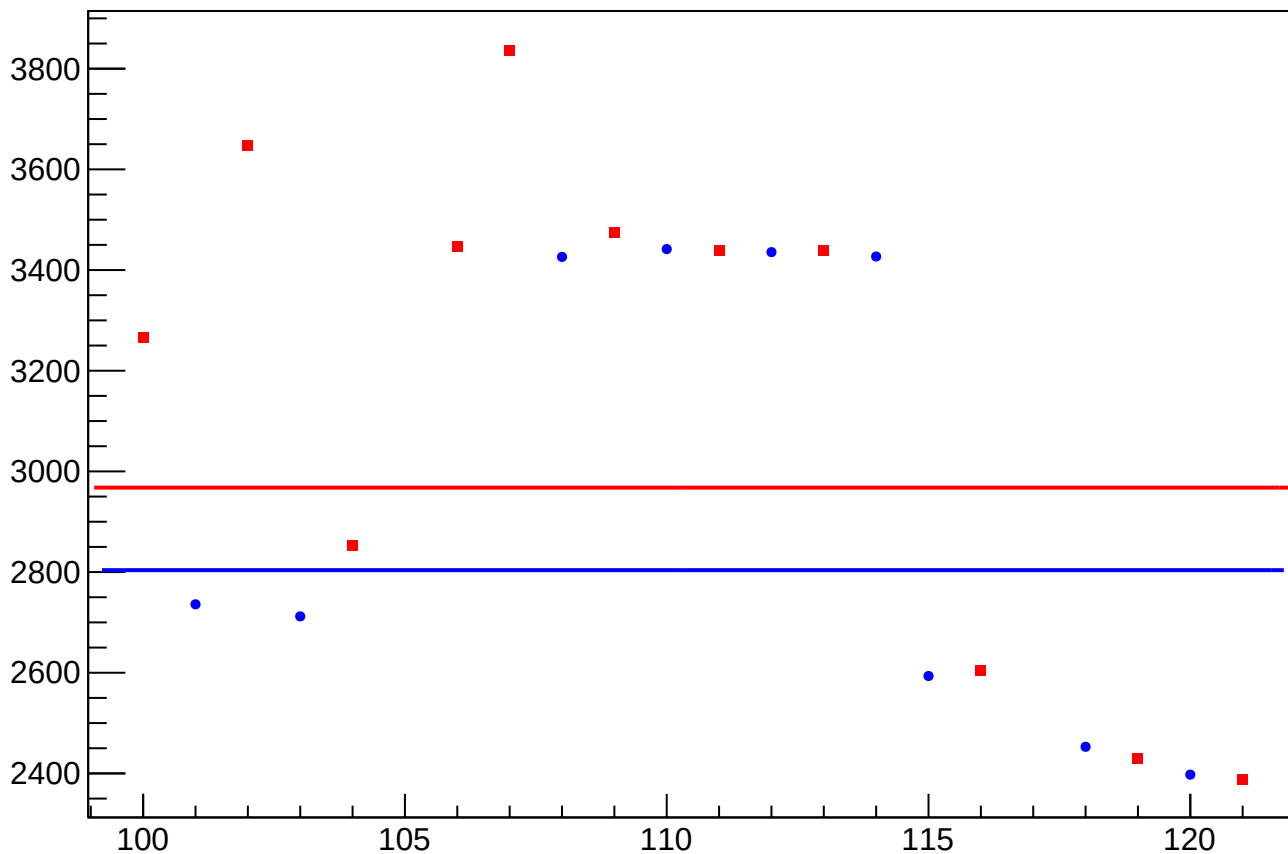
Right: 832.036+/-1023.635 χ^2/NDF : 12.4/19

In: 1308.750+/-1476.395 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.036+/-1023.635 χ^2/NDF : 12.4/19

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2803.794+/-1.044 χ^2/NDF : 139703.0/8

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

Right Out: 2967.835+/-1.004 χ^2/NDF : 259404.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

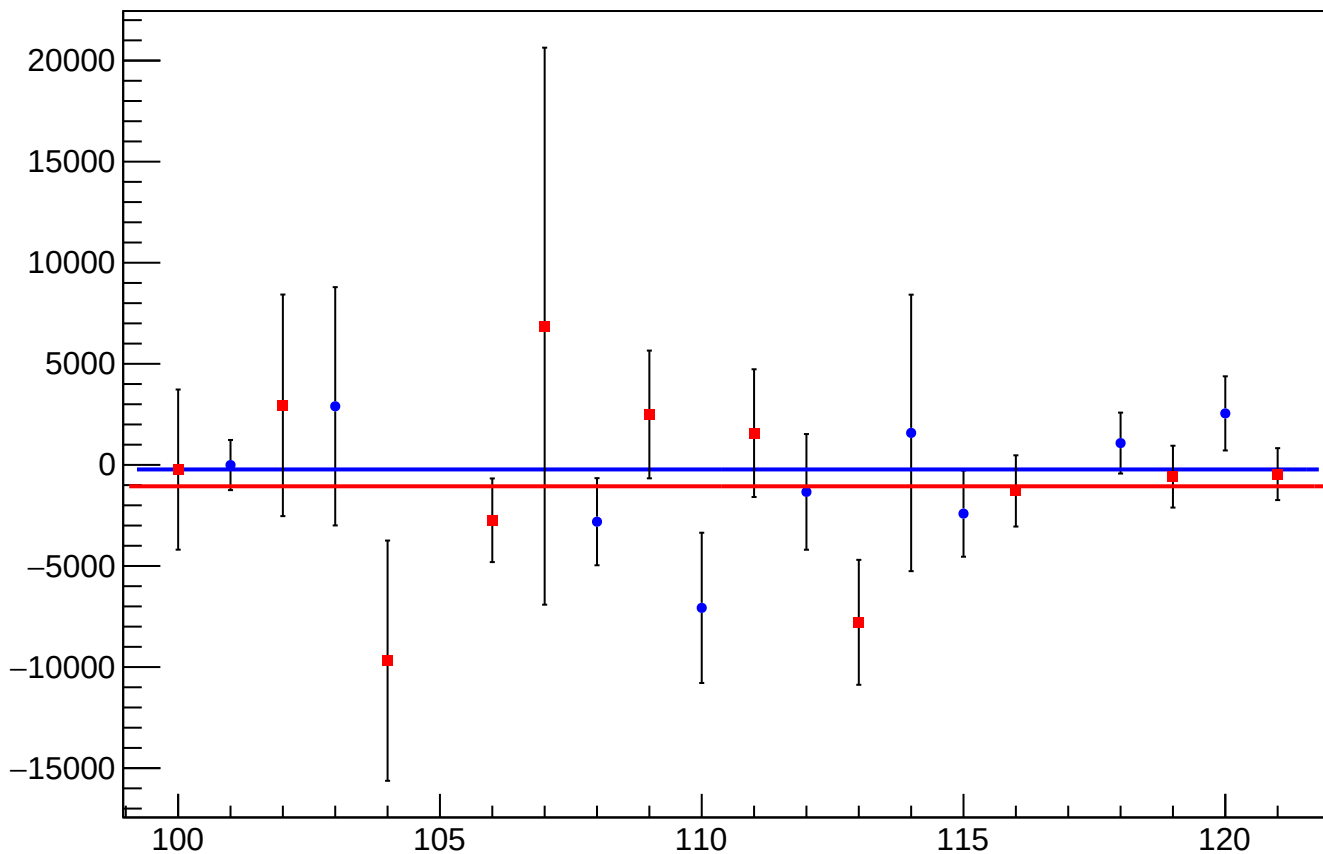
Right: 2888.978+/-0.724 χ^2/NDF : 411928.5/19

In: 2803.794+/-1.044 χ^2/NDF : 139703.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.978+/-0.724 χ^2/NDF : 411928.5/19

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -225.041+/-695.452 χ^2/NDF : 9.5/8

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

Right Out: -1058.228+/-702.715 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

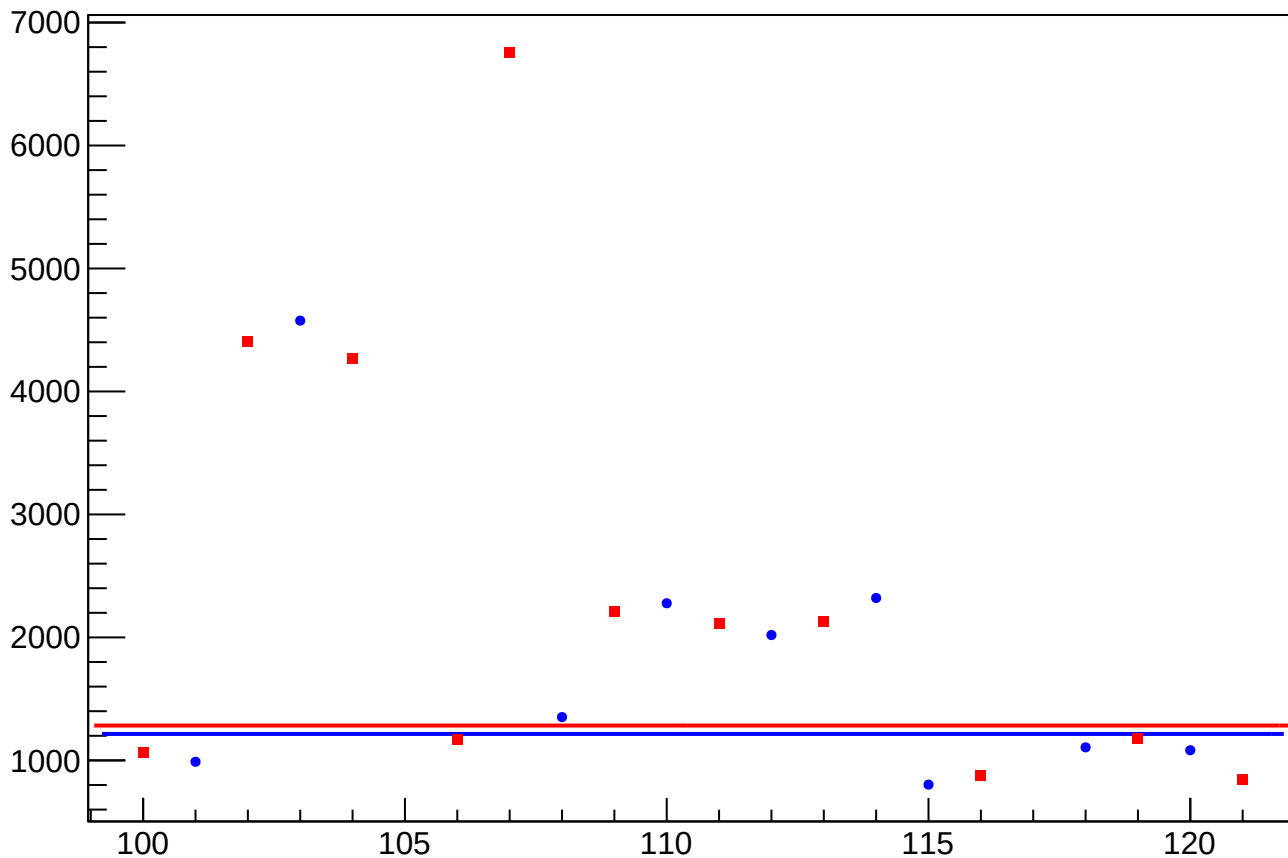
Right: -637.306+/-494.307 χ^2/NDF : 20.9/19

In: -225.041+/-695.452 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -637.306+/-494.307 χ^2/NDF : 20.9/19

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1215.063+/-0.492 χ^2/NDF : 1194371.6/8

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

Right Out: 1283.368+/-0.497 χ^2/NDF : 2281891.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

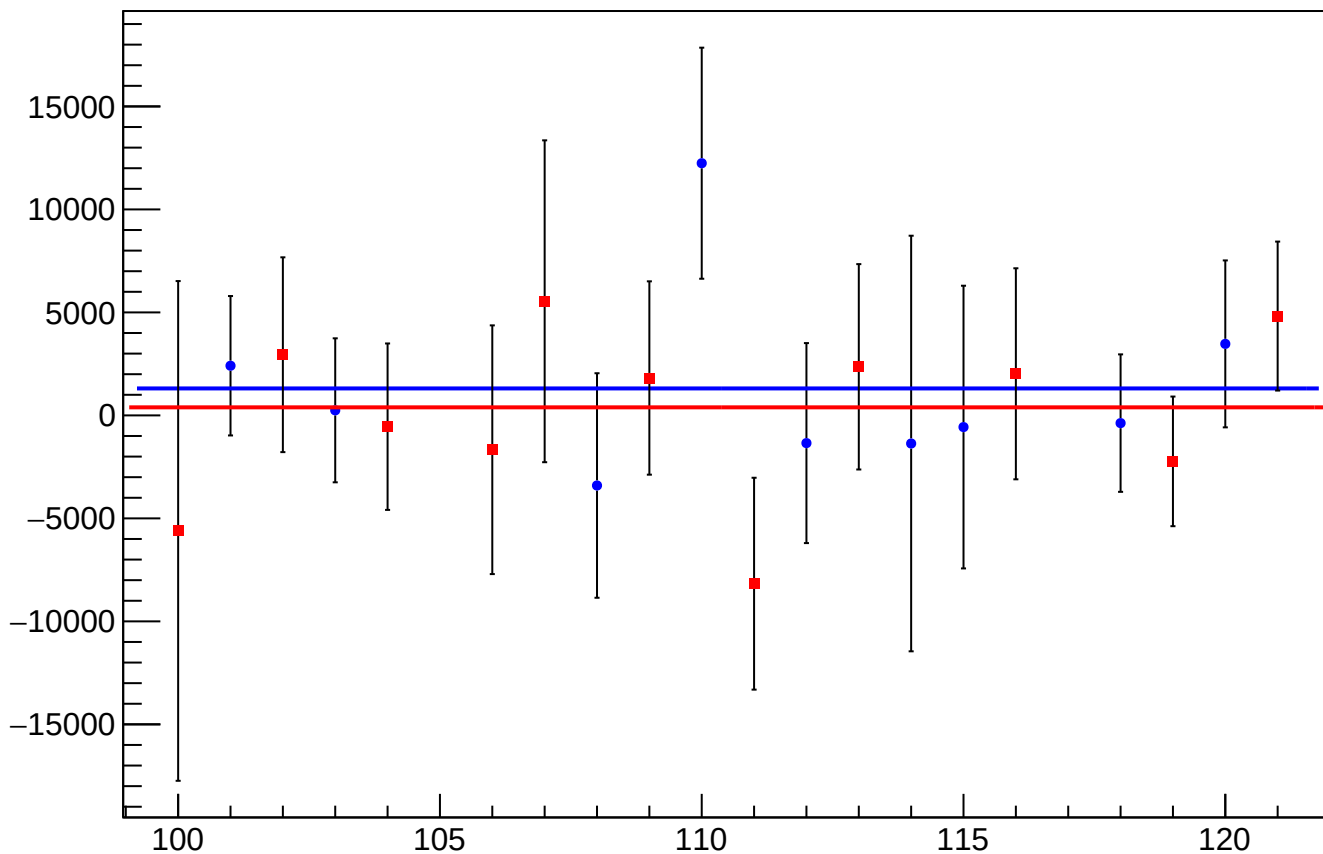
Right: 1248.861+/-0.350 χ^2/NDF : 3485809.0/19

In: 1215.063+/-0.492 χ^2/NDF : 1194371.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1248.861+/-0.350 χ^2/NDF : 3485809.0/19

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1308.744+/-1476.394 χ^2/NDF : 5.7/8

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

Right Out: 390.733+/-1420.499 χ^2/NDF : 6.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

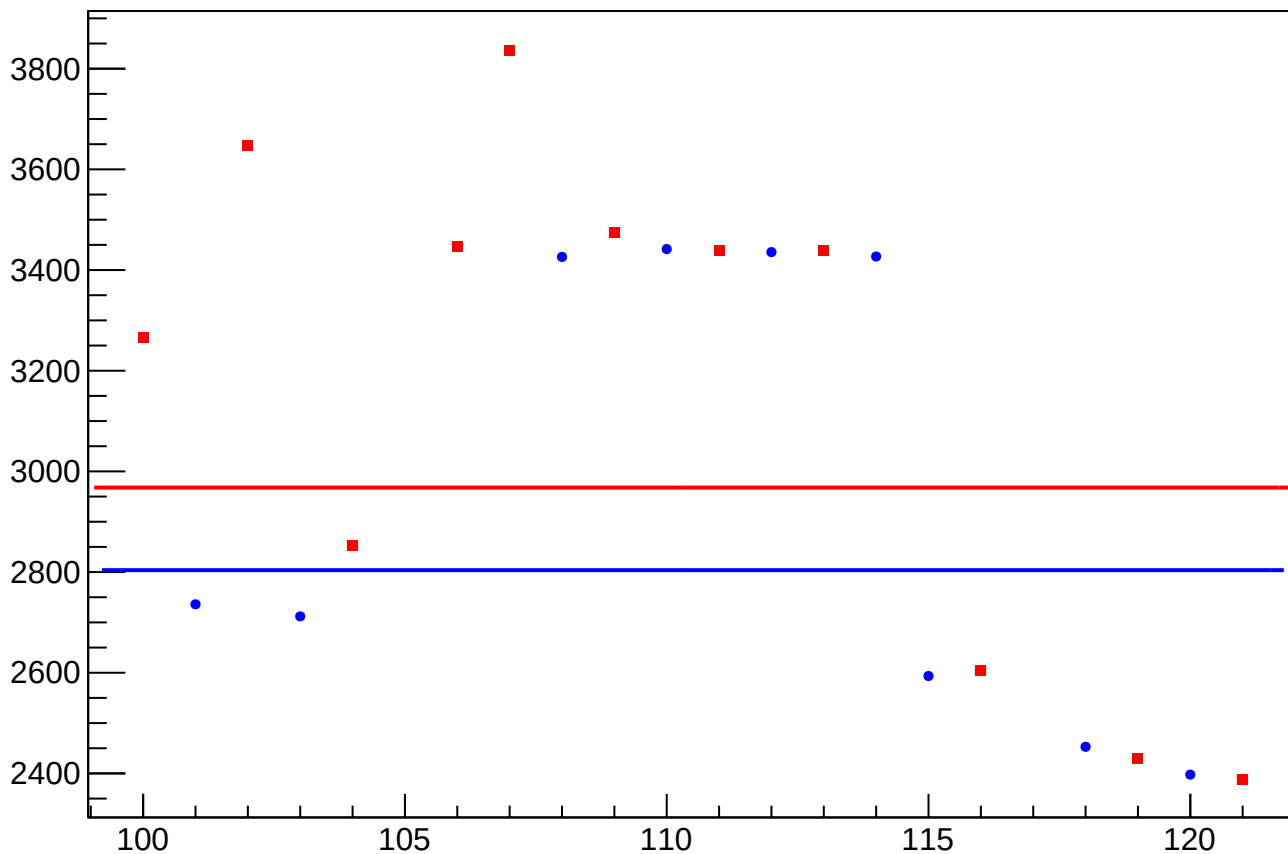
Right: 832.032+/-1023.635 χ^2/NDF : 12.4/19

In: 1308.744+/-1476.394 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.032+/-1023.635 χ^2/NDF : 12.4/19

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2803.793+/-1.044 χ^2/NDF : 139703.2/8

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

Right Out: 2967.834+/-1.004 χ^2/NDF : 259403.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

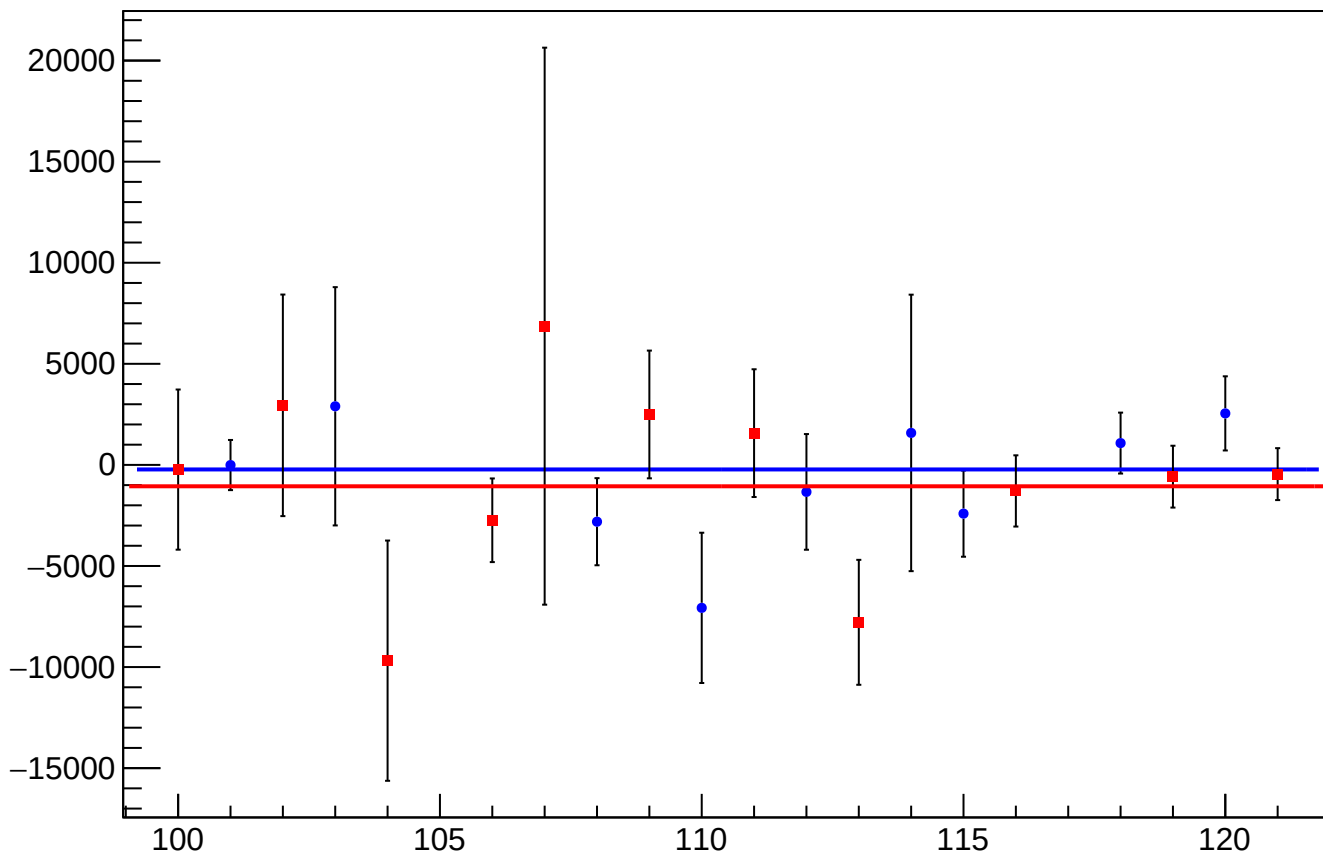
Right: 2888.977+/-0.724 χ^2/NDF : 411928.6/19

In: 2803.793+/-1.044 χ^2/NDF : 139703.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.977+/-0.724 χ^2/NDF : 411928.6/19

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -225.043+/-695.450 χ^2/NDF : 9.5/8

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

Right Out: -1058.226+/-702.714 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

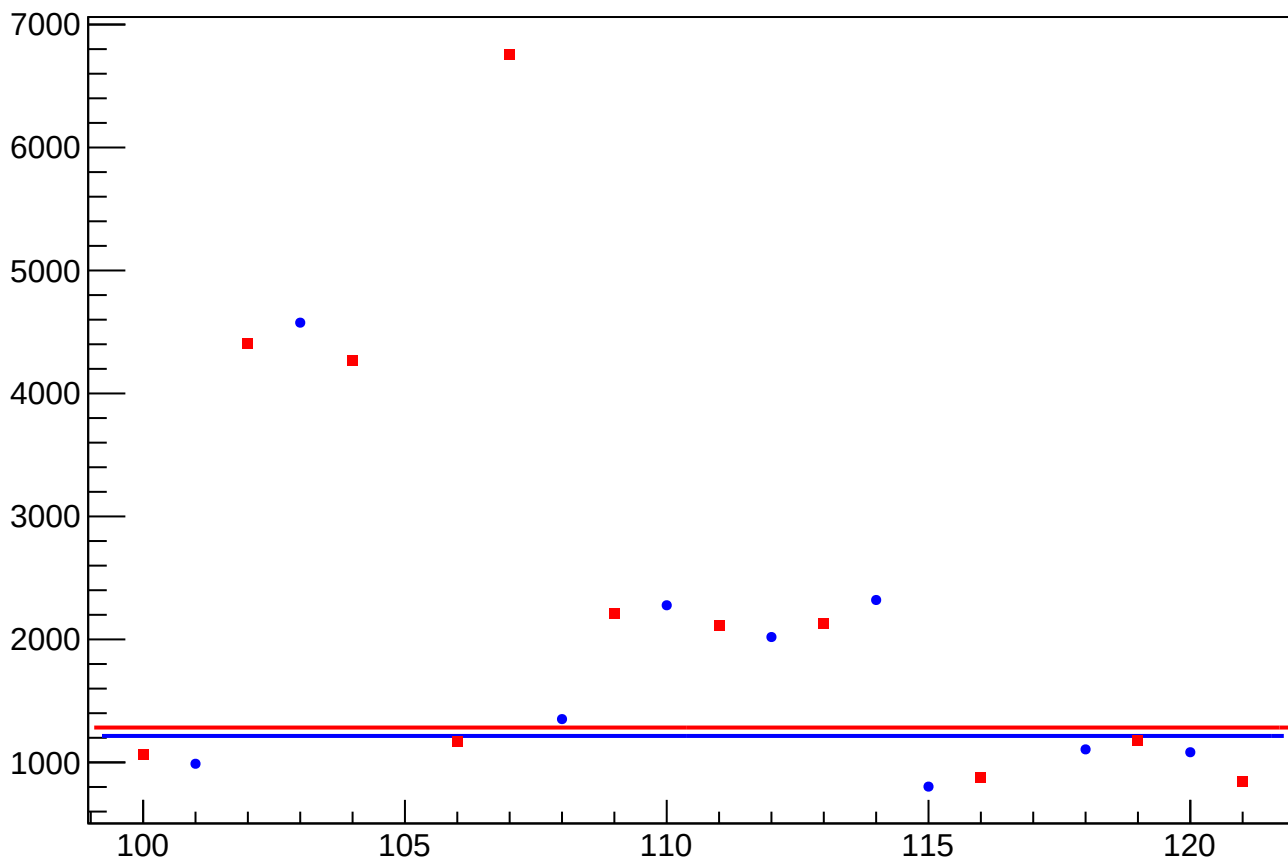
Right: -637.306+/-494.306 χ^2/NDF : 20.9/19

In: -225.043+/-695.450 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -637.306+/-494.306 χ^2/NDF : 20.9/19

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1215.061+/-0.492 χ^2/NDF : 1194374.3/8

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

Right Out: 1283.366+/-0.497 χ^2/NDF : 2281895.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

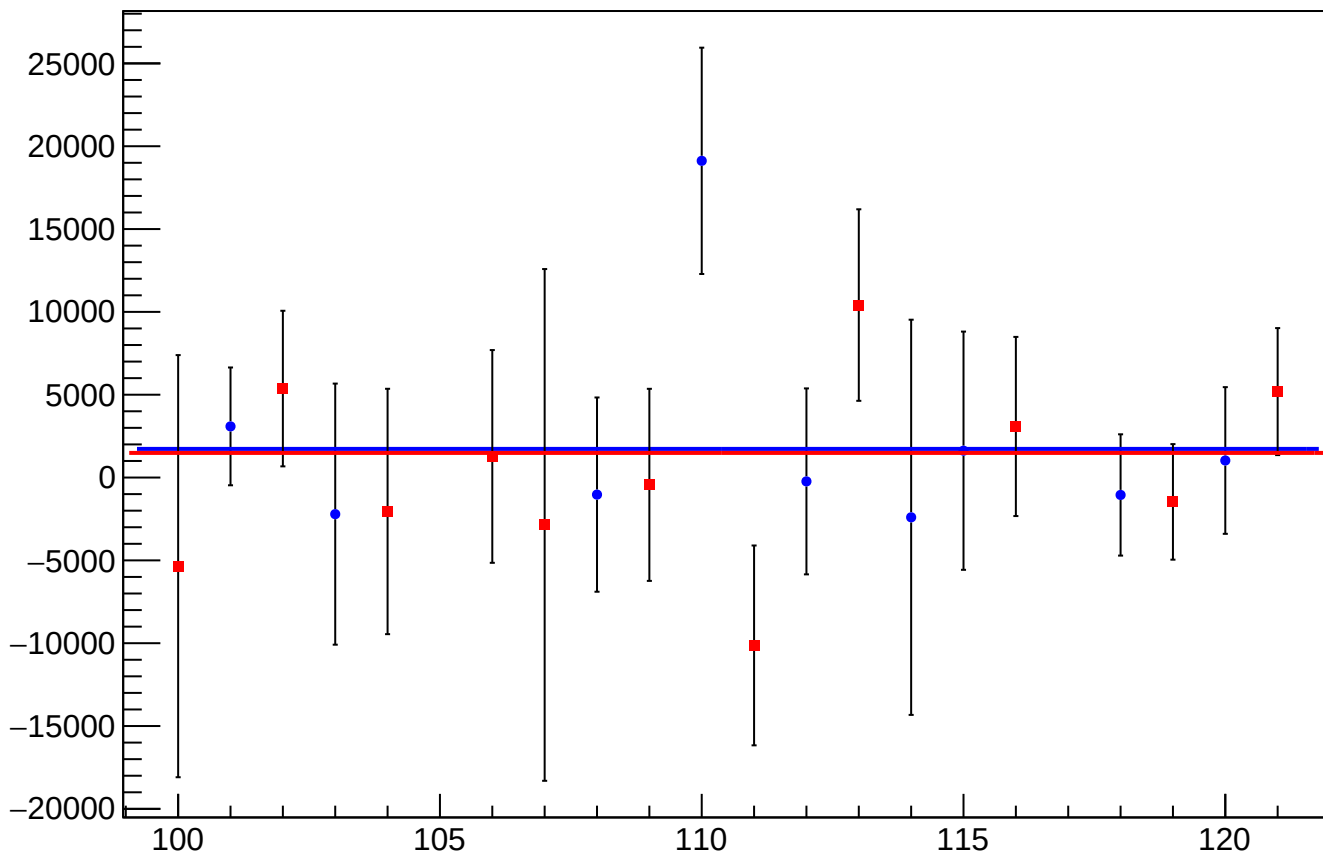
Right: 1248.858+/-0.350 χ^2/NDF : 3485816.1/19

In: 1215.061+/-0.492 χ^2/NDF : 1194374.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1248.858+/-0.350 χ^2/NDF : 3485816.1/19

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1729.274+/-1742.243 χ^2/NDF : 7.9/8

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

Right Out: 1486.720+/-1644.447 χ^2/NDF : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

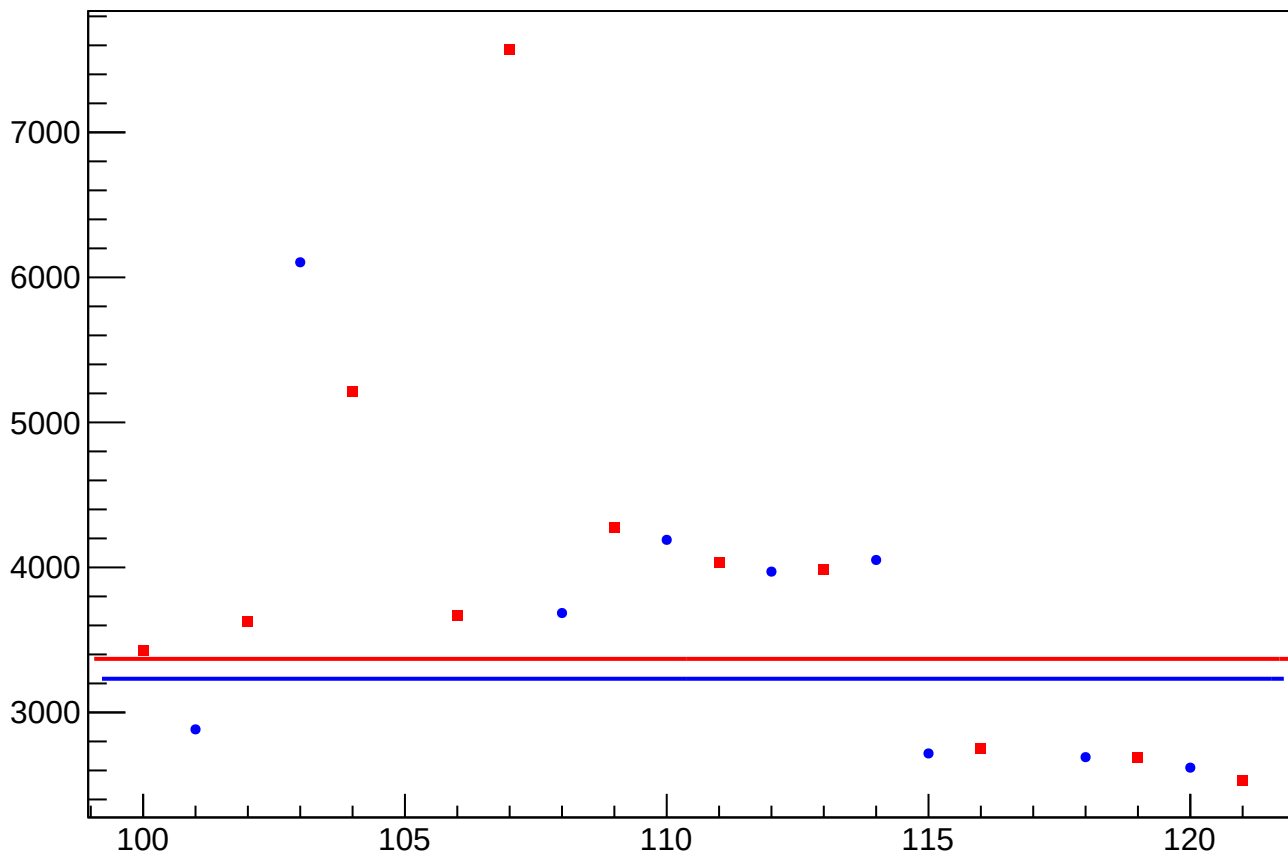
Right: 1600.999+/-1195.879 χ^2/NDF : 17.2/19

In: 1729.274+/-1742.243 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.999+/-1195.879 χ^2/NDF : 17.2/19

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3232.301+/-1.232 χ^2/NDF : 472403.2/8

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

Right Out: 3369.459+/-1.163 χ^2/NDF : 575047.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

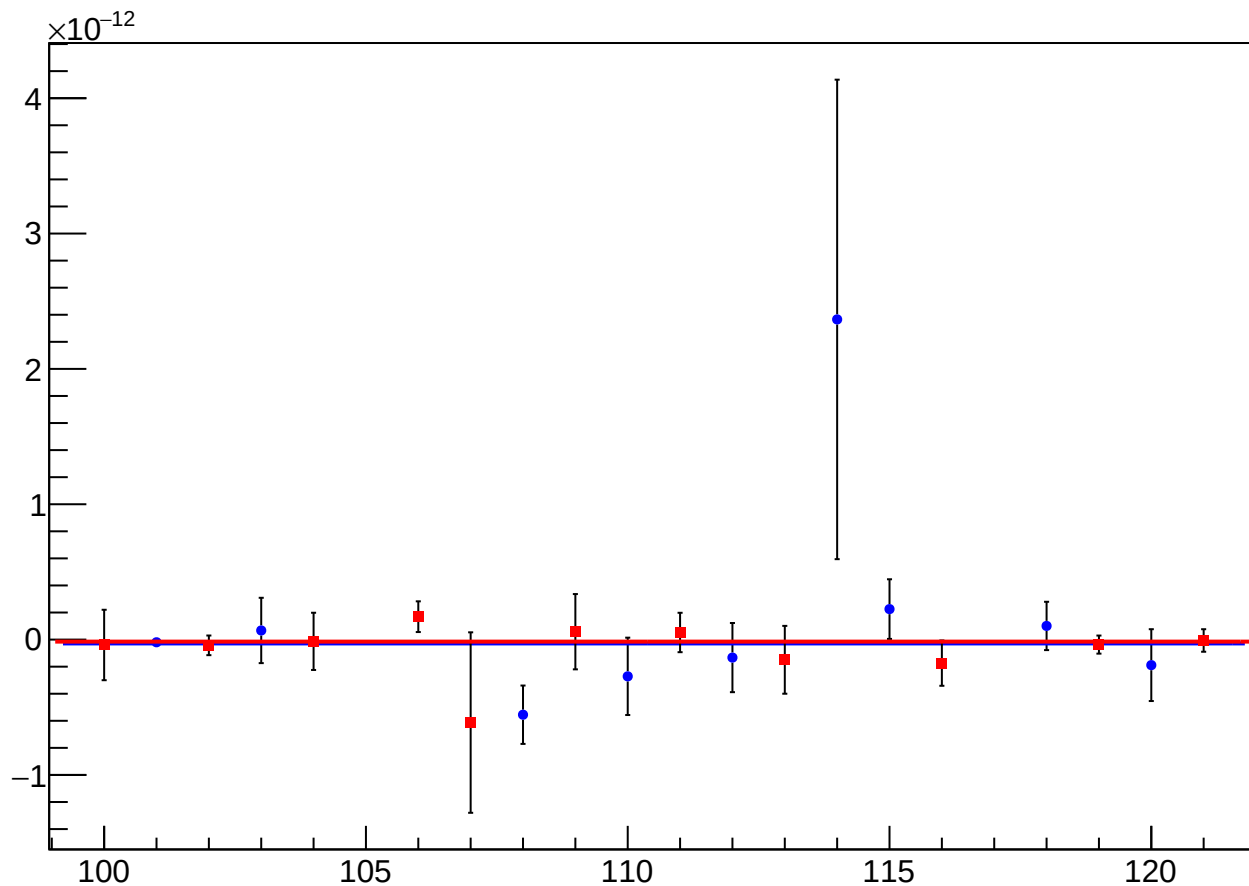
Right: 3304.837+/-0.846 χ^2/NDF : 1054006.2/19

In: 3232.301+/-1.232 χ^2/NDF : 472403.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3304.837+/-0.846 χ^2/NDF : 1054006.2/19

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

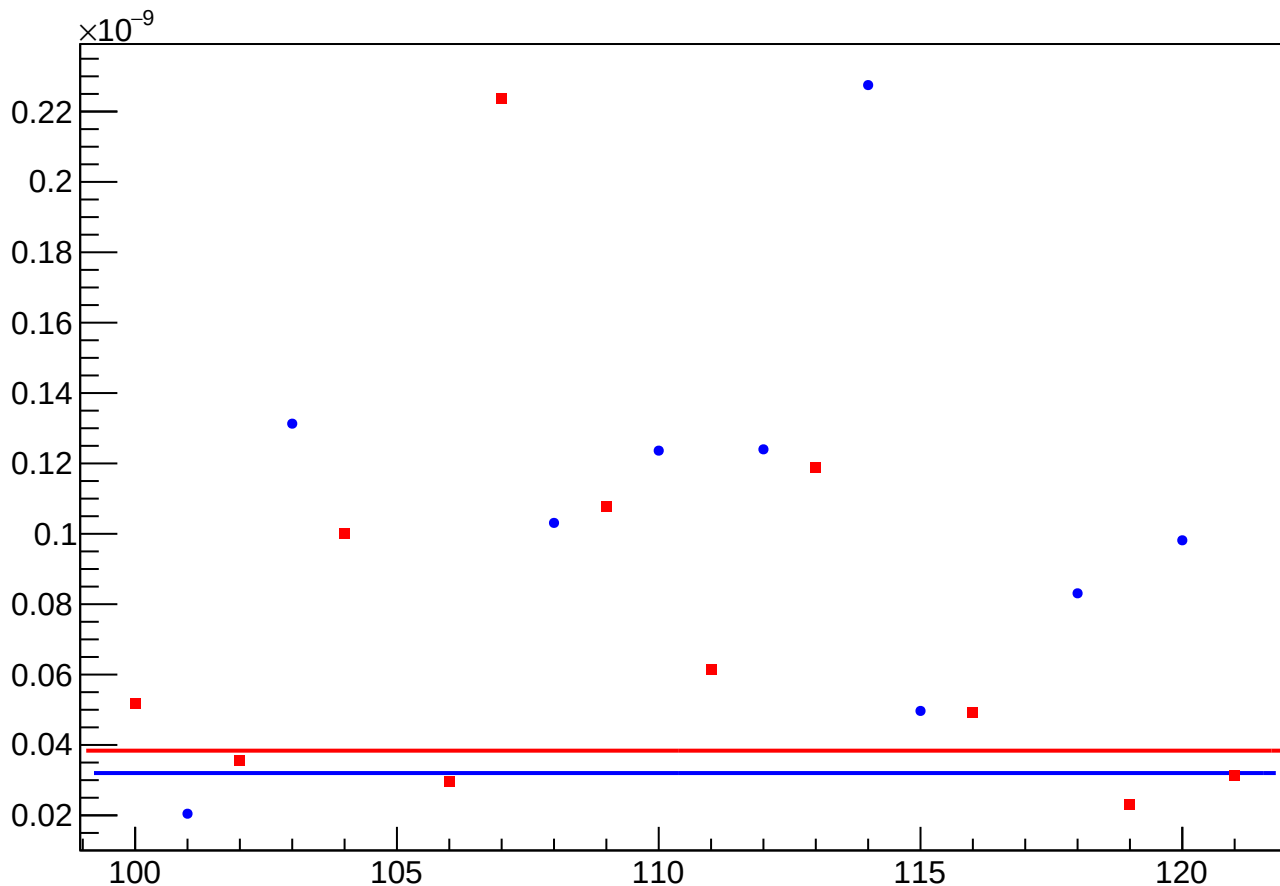
Right: -0.000+/-0.000 χ^2/NDF : 16.4/19

In: -0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.4/19

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1547832.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 854307.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

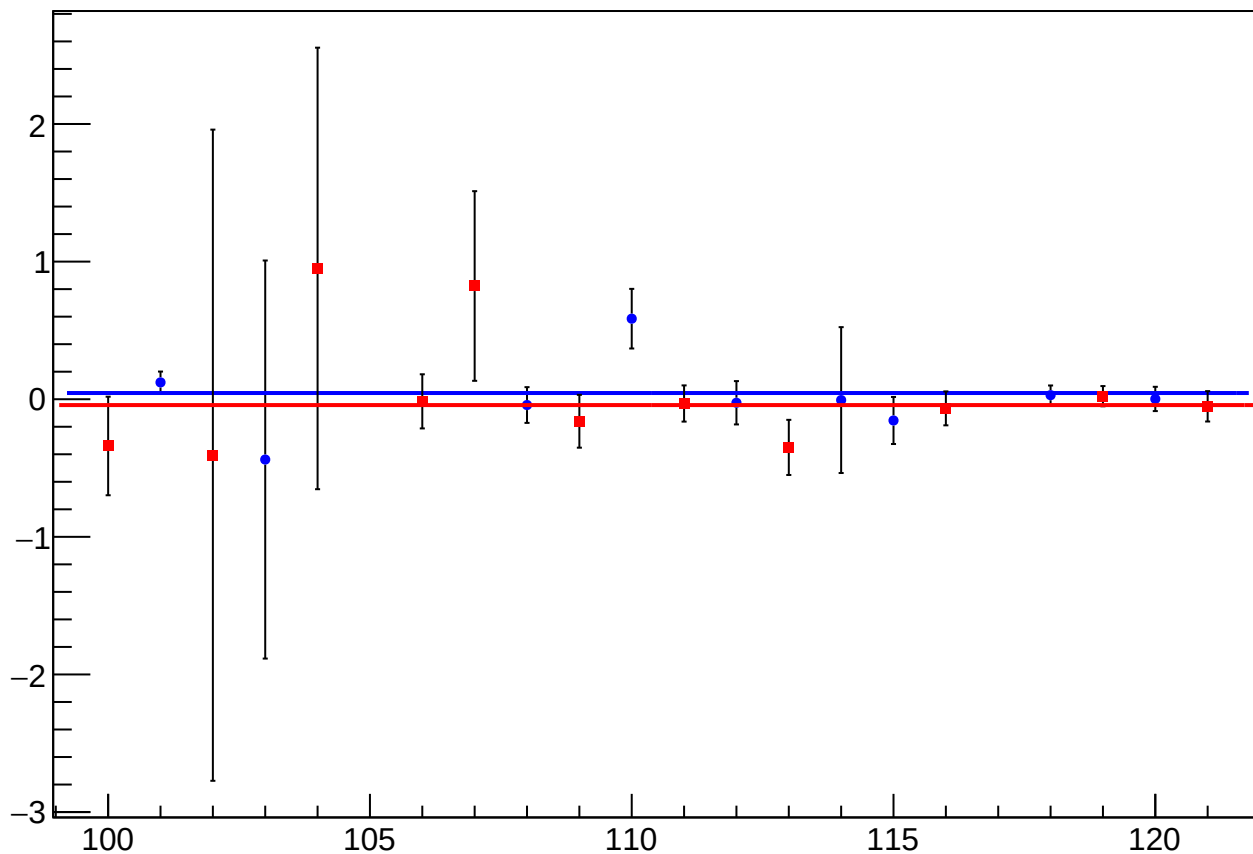
Right: 0.000+/-0.000 χ^2/NDF : 2435961.1/19

In: 0.000+/-0.000 χ^2/NDF : 1547832.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2435961.1/19

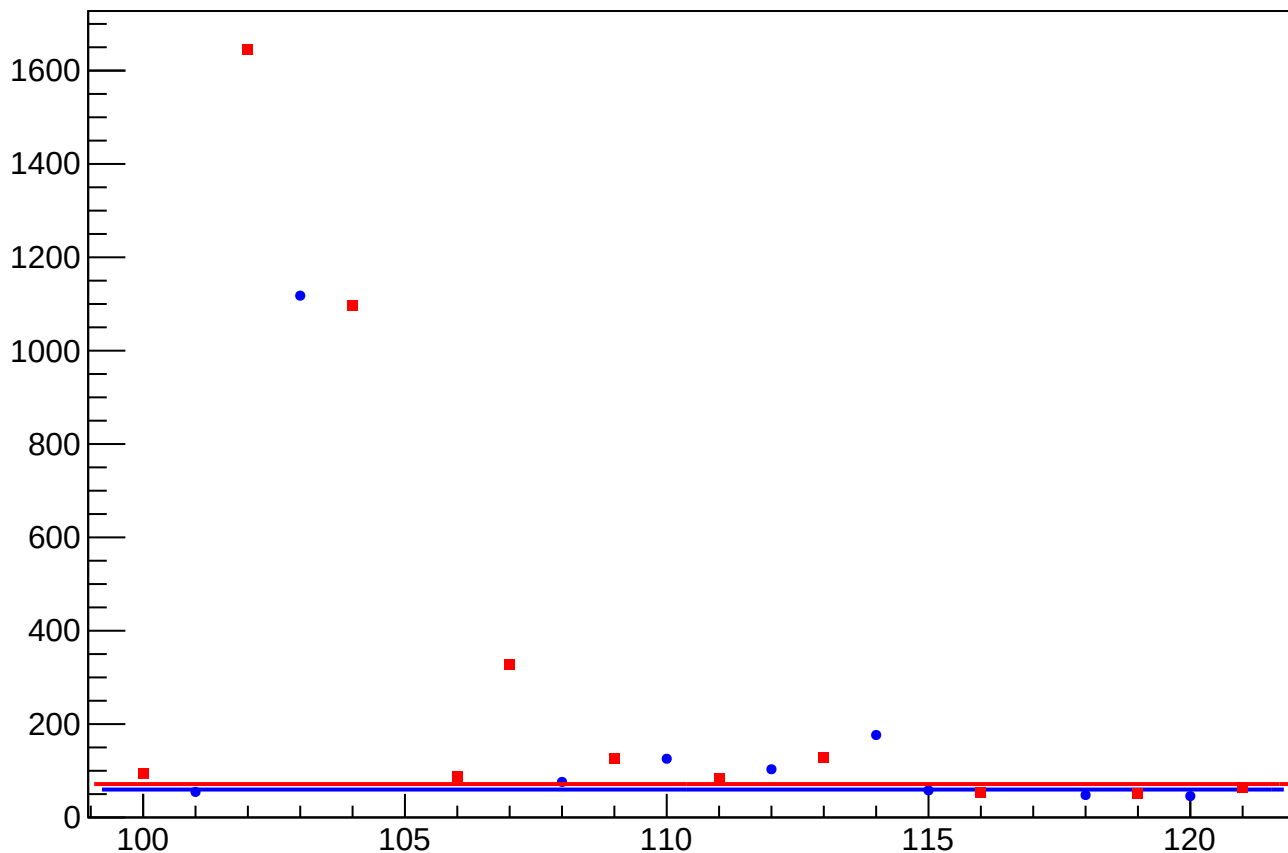
asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.043+/-0.046 χ^2/NDF : 6.3/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.008+/-0.030 χ^2/NDF : 18.0/19
 In: 0.045+/-0.039 χ^2/NDF :9.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.008+/-0.030 χ^2/NDF : 18.0/19

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

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

Right Out: 71.520+/-0.032 χ^2/NDF : 2532529.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

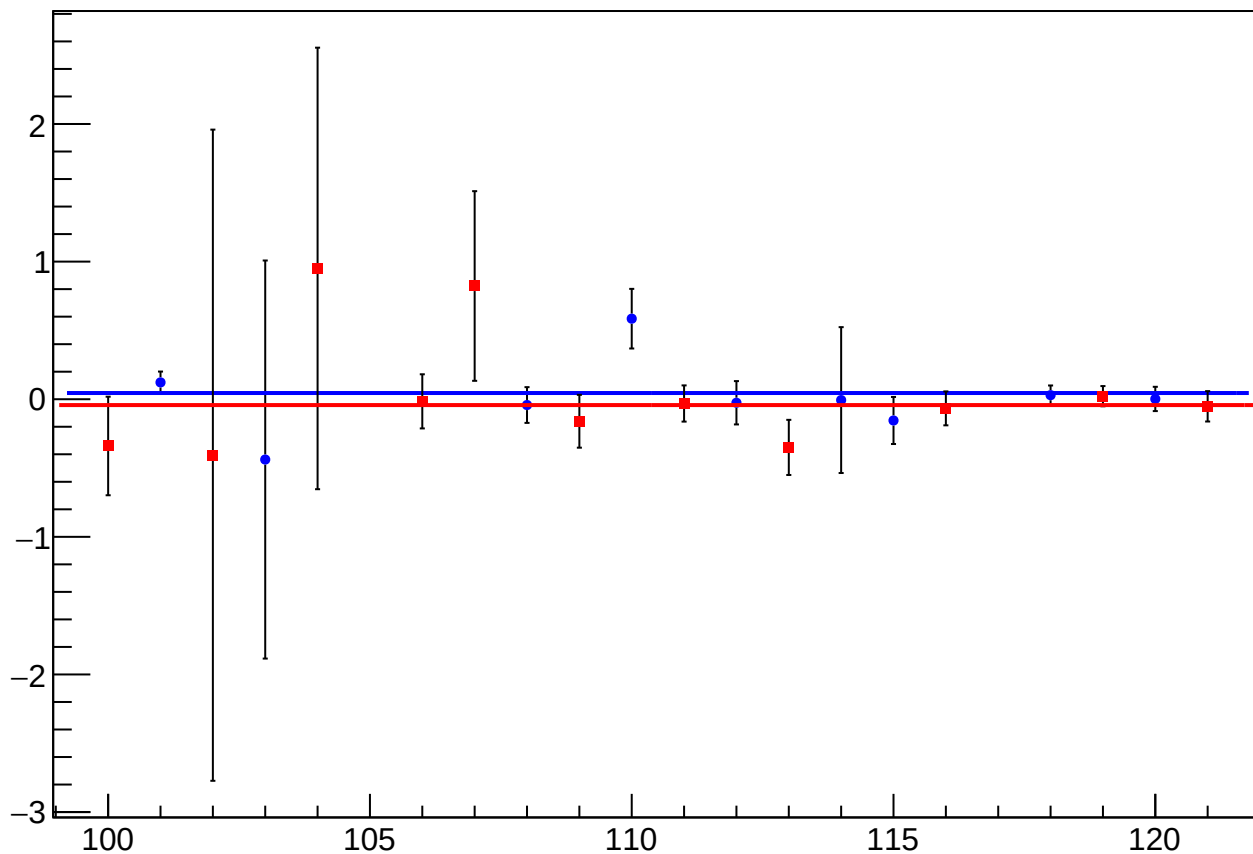
Right: 64.757+/-0.021 χ^2/NDF : 4260573.8/19

In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.757+/-0.021 χ^2/NDF : 4260573.8/19

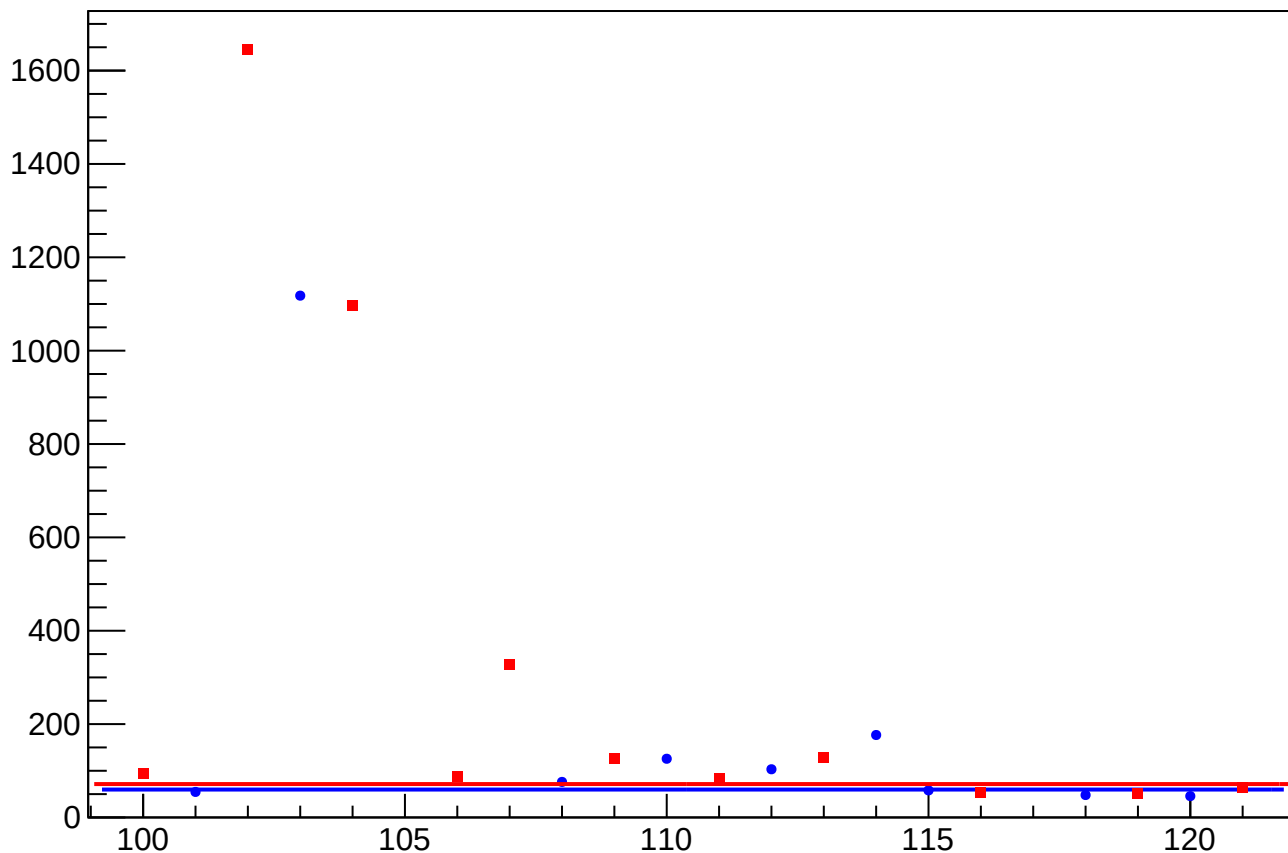
asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.043+/-0.046 χ^2/NDF : 6.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.008+/-0.030 χ^2/NDF : 18.0/19
 In: 0.045+/-0.039 χ^2/NDF : 9.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.008+/-0.030 χ^2/NDF : 18.0/19

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

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

Right Out: 71.520+/-0.032 χ^2/NDF : 2532529.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

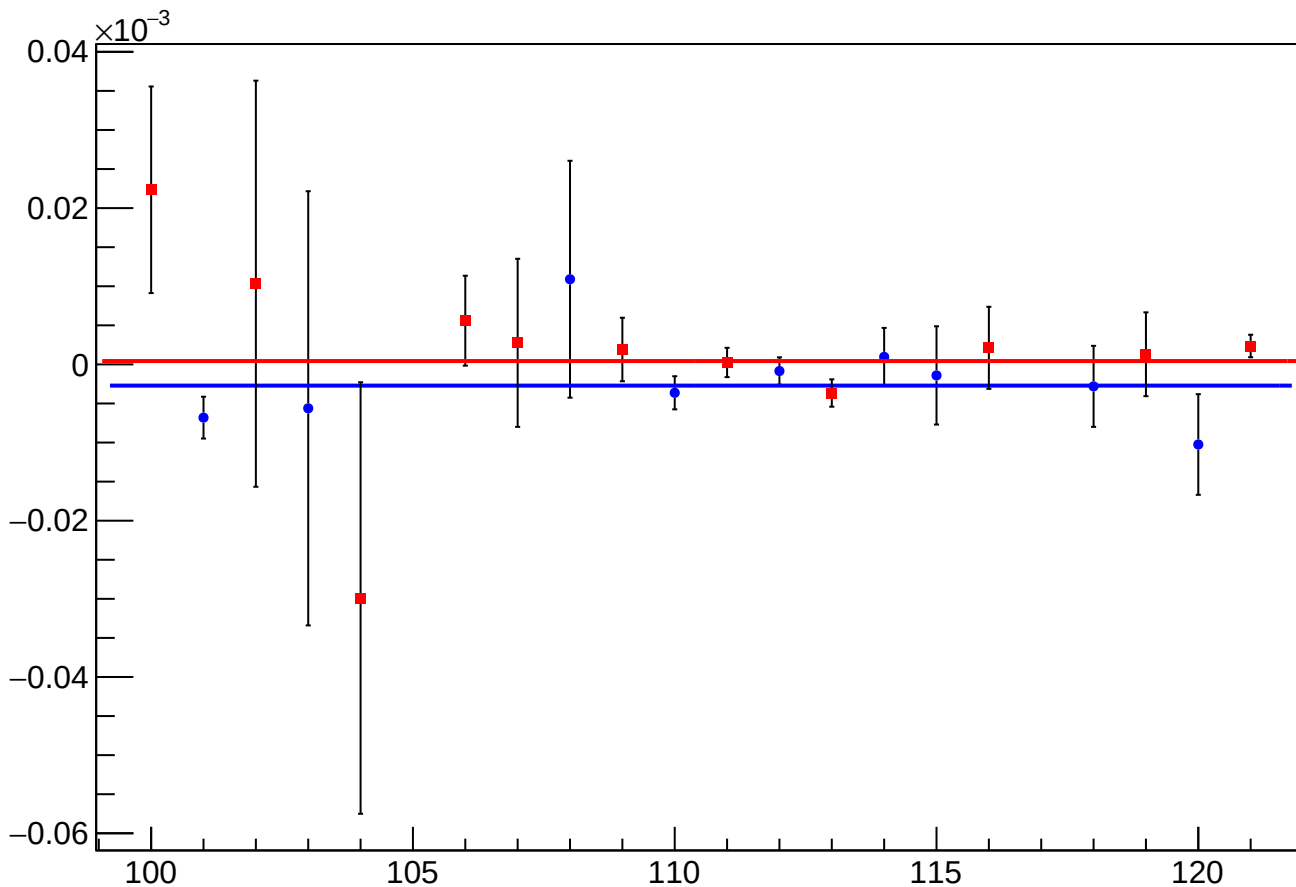
Right: 64.757+/-0.021 χ^2/NDF : 4260573.8/19

In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.757+/-0.021 χ^2/NDF : 4260573.8/19

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/8

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

Right Out: 0.000+/-0.000 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

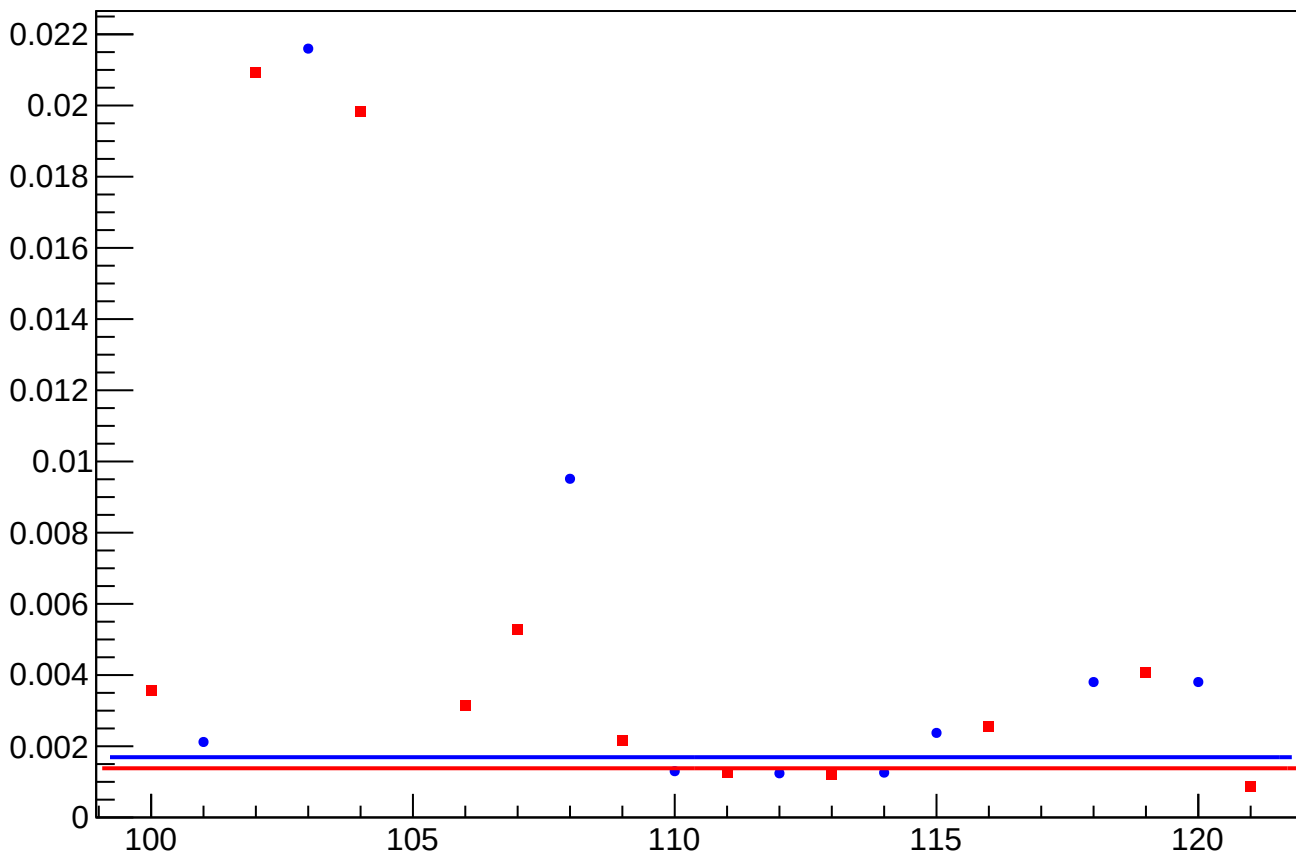
Right: -0.000+/-0.000 χ^2/NDF : 24.4/19

In: -0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/19

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2410273.5/8

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3475094.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

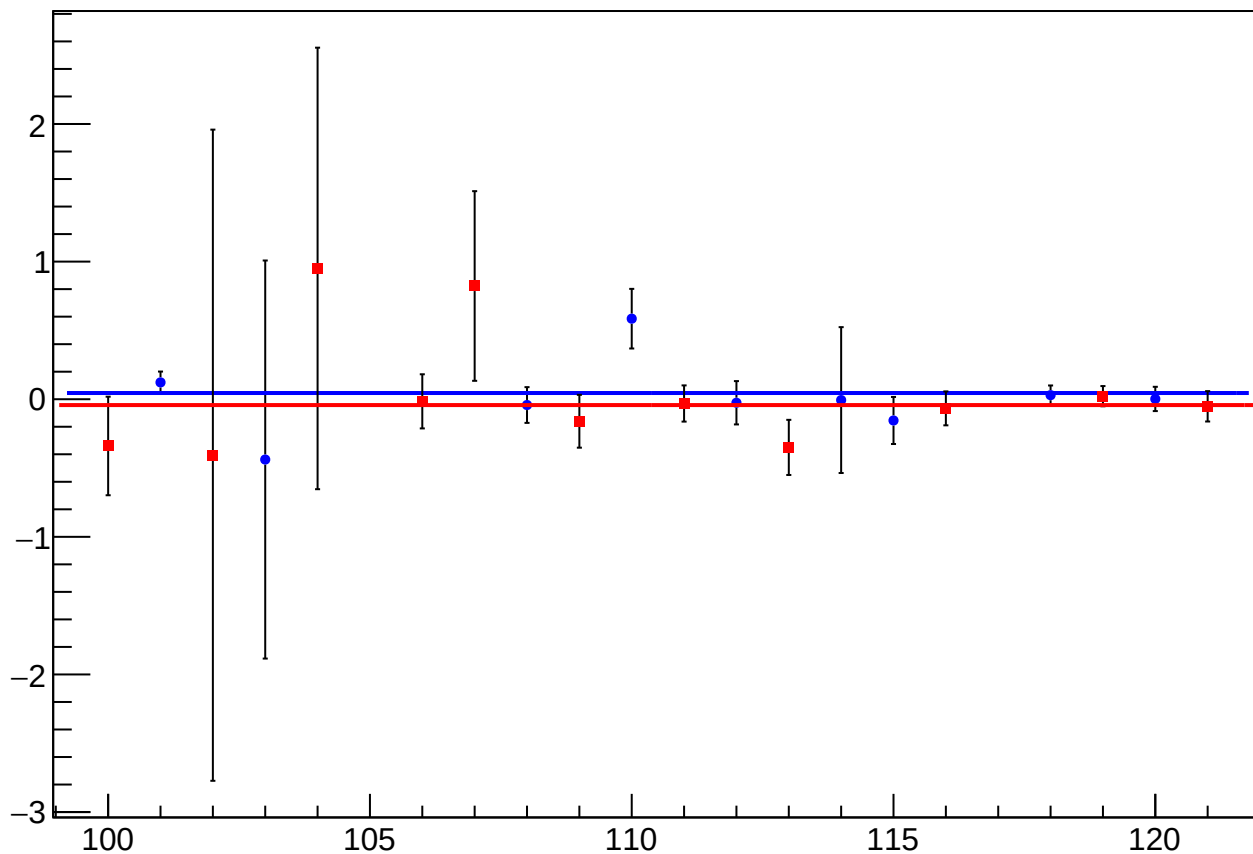
Right: 0.002+/-0.000 χ^2/NDF : 5984246.3/19

In: 0.002+/-0.000 χ^2/NDF :2410273.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5984246.3/19

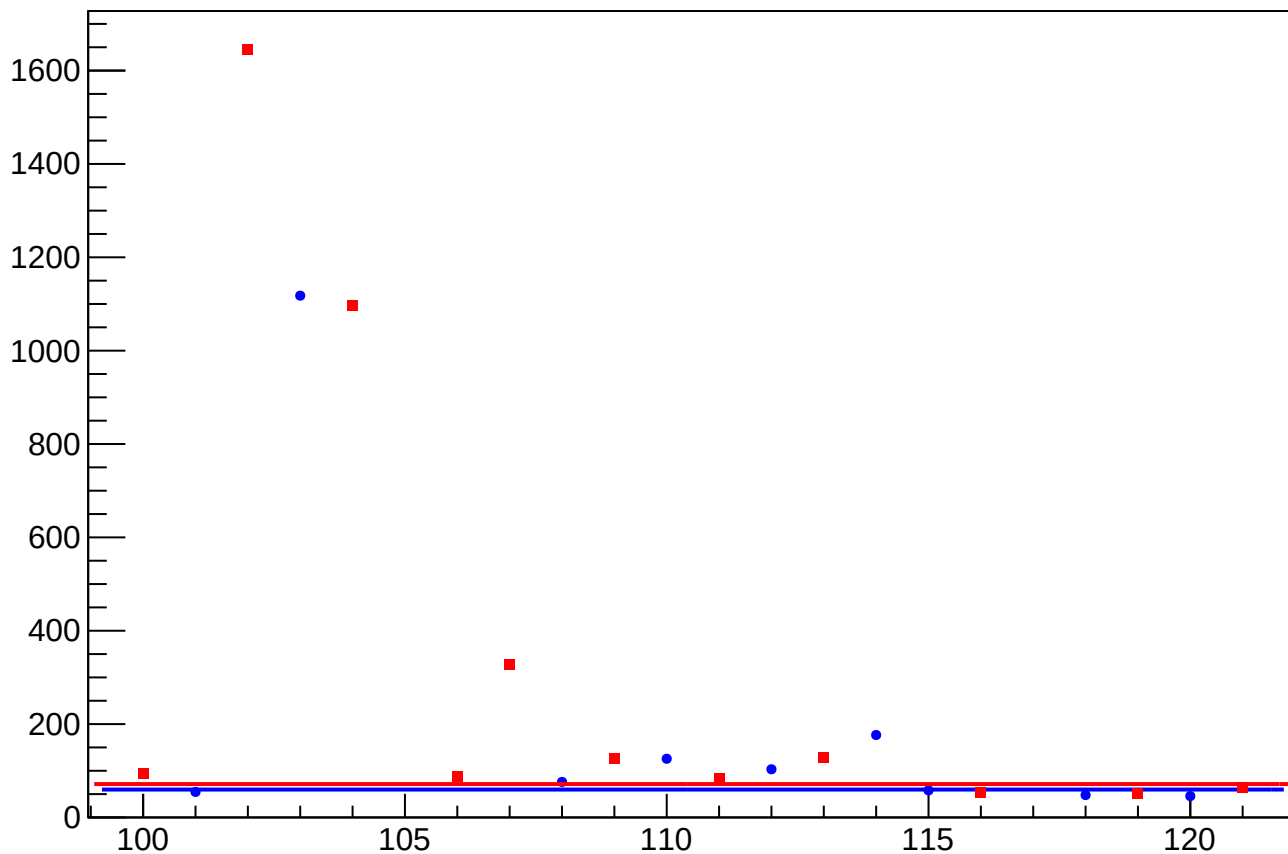
asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.043+/-0.046 χ^2/NDF : 6.3/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.008+/-0.030 χ^2/NDF : 18.0/19
 In: 0.045+/-0.039 χ^2/NDF :9.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.008+/-0.030 χ^2/NDF : 18.0/19

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

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

Right Out: 71.519+/-0.032 χ^2/NDF : 2532550.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

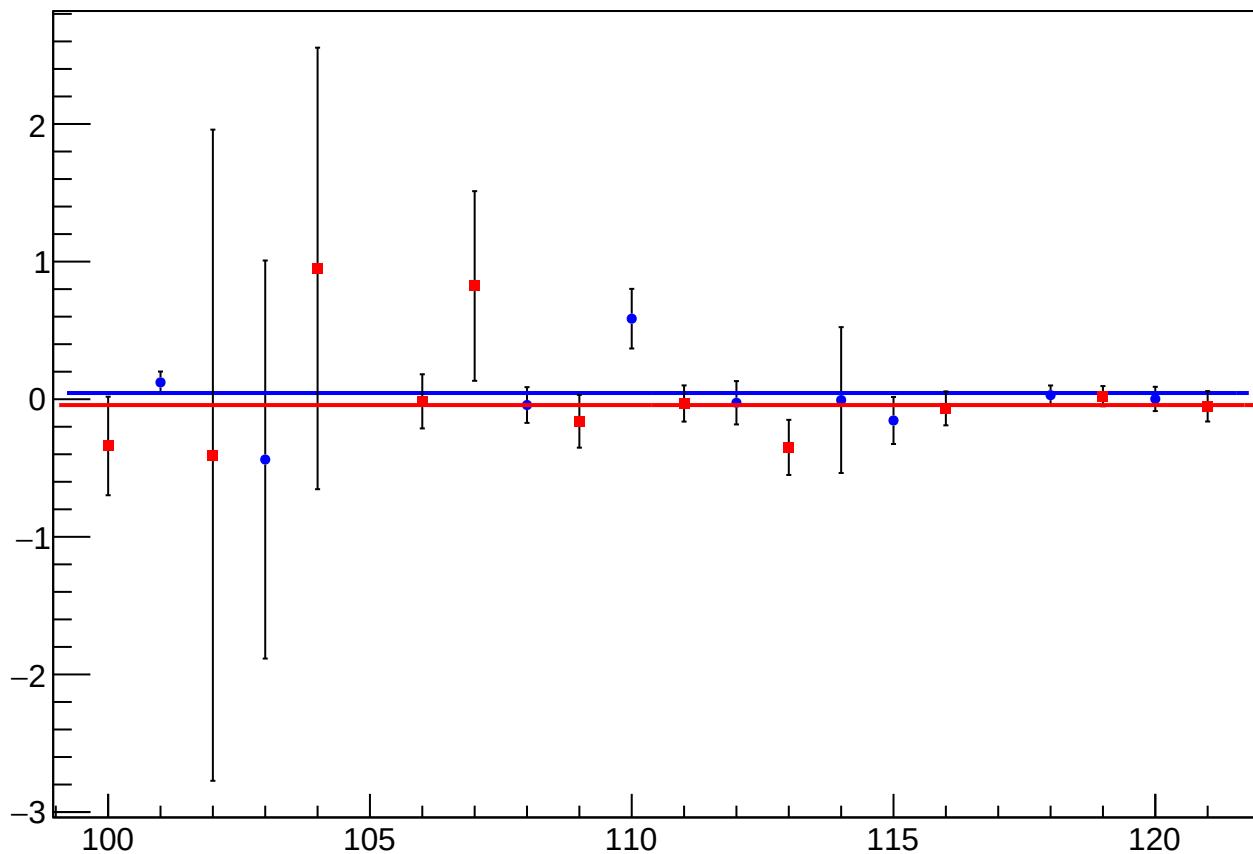
Right: 64.755+/-0.021 χ^2/NDF : 4260659.3/19

In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.755+/-0.021 χ^2/NDF : 4260659.3/19

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8

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

Right Out: -0.043+/-0.046 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

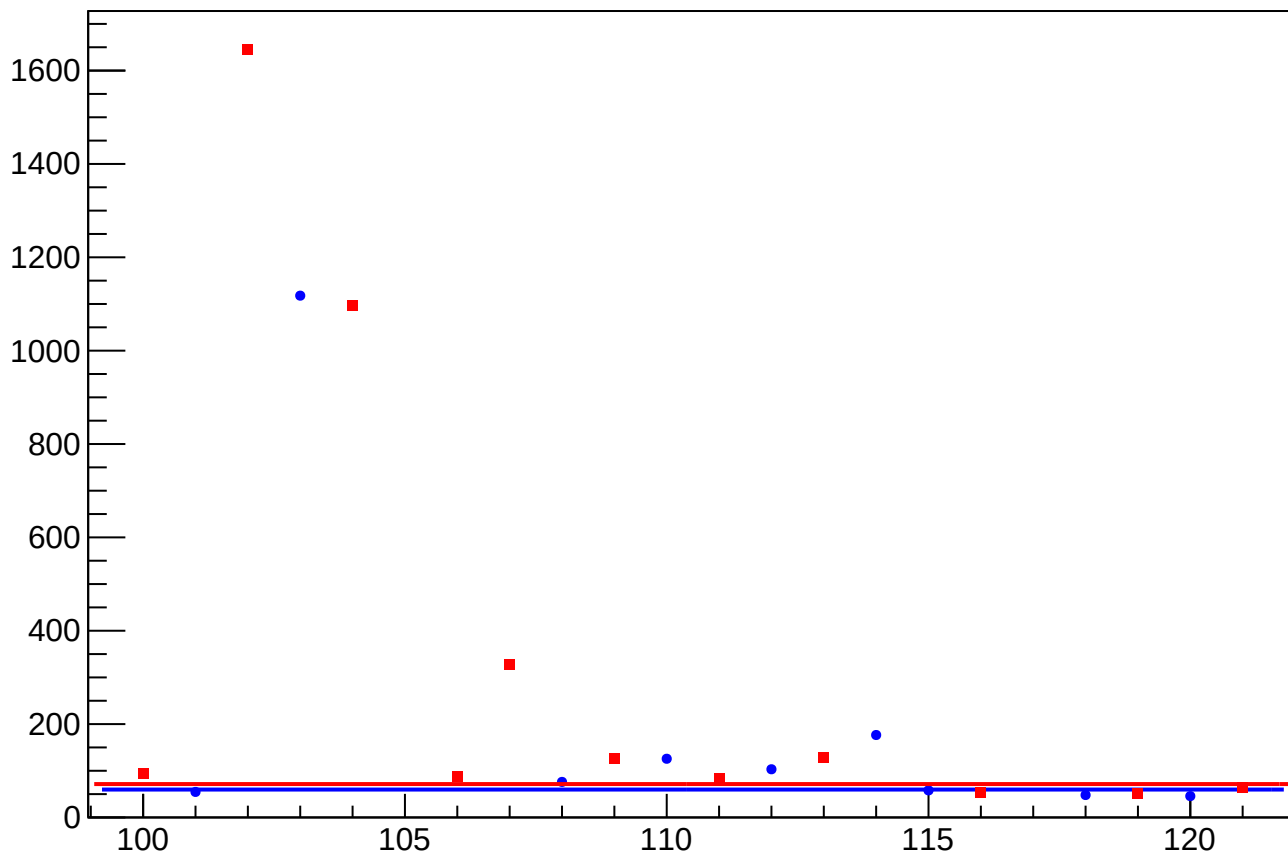
Right: 0.008+/-0.030 χ^2/NDF : 18.0/19

In: 0.045+/-0.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.030 χ^2/NDF : 18.0/19

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

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

Right Out: 71.519+/-0.032 χ^2/NDF : 2532550.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

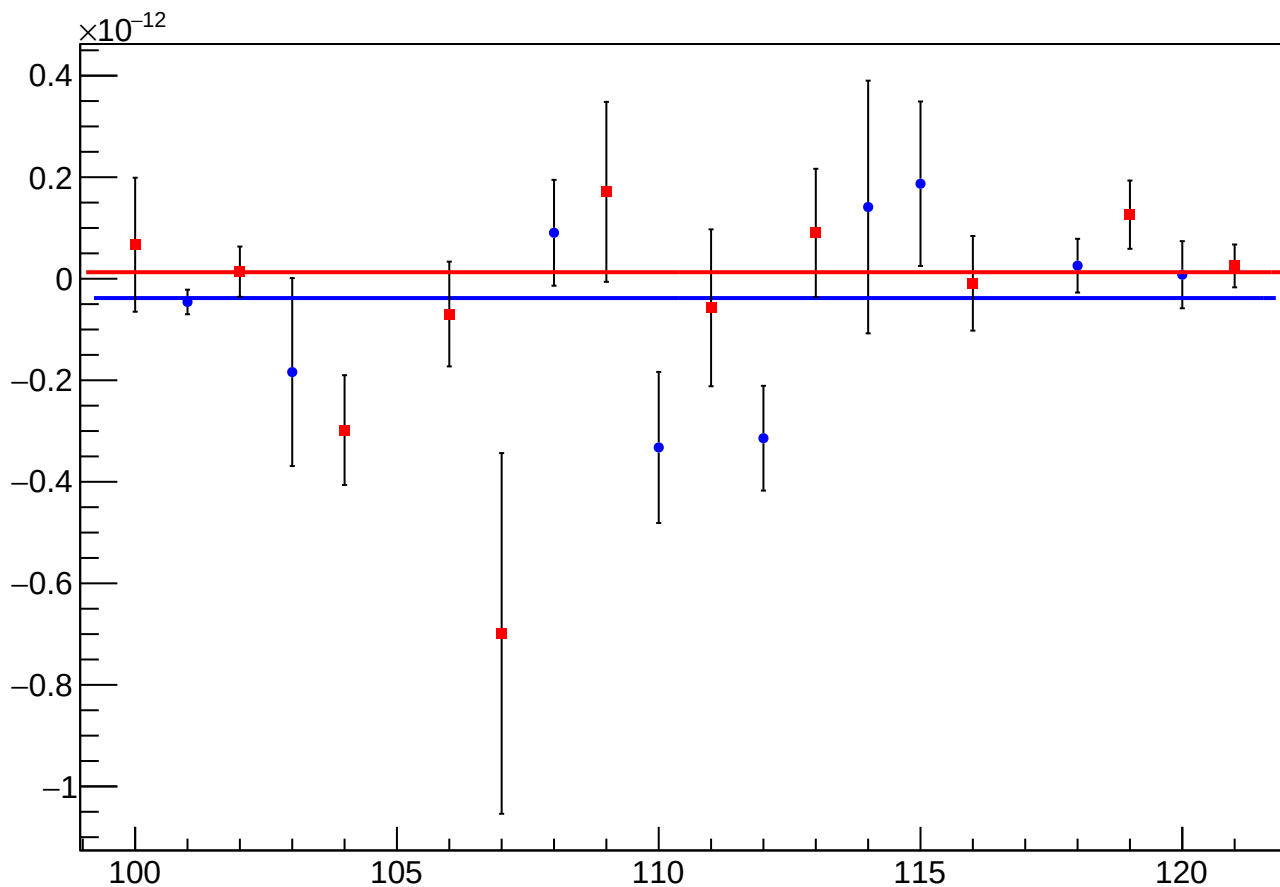
Right: 64.755+/-0.021 χ^2/NDF : 4260659.3/19

In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.755+/-0.021 χ^2/NDF : 4260659.3/19

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

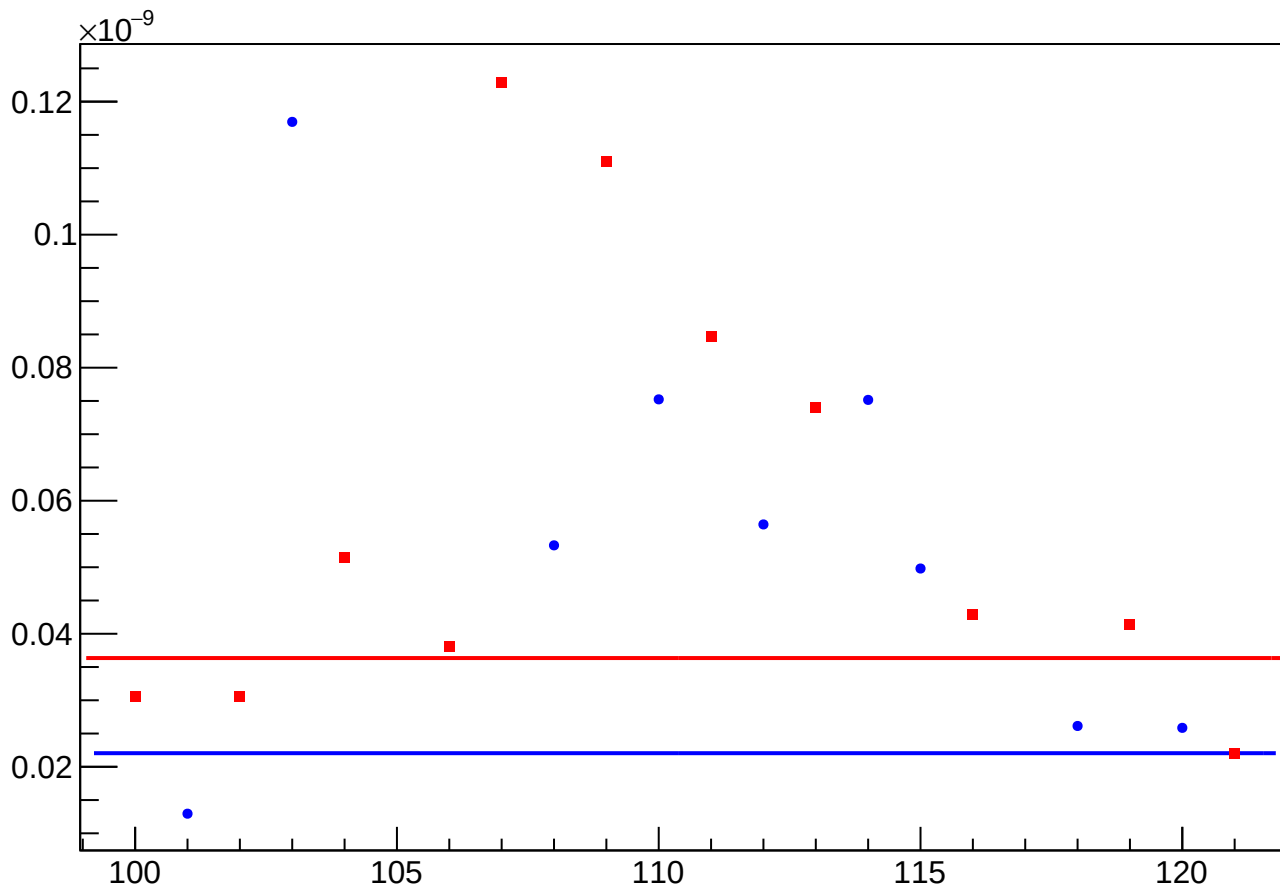
Right: -0.000+/-0.000 χ^2/NDF : 37.8/19

In: -0.000+/-0.000 χ^2/NDF : 17.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.8/19

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1633880.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1172073.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

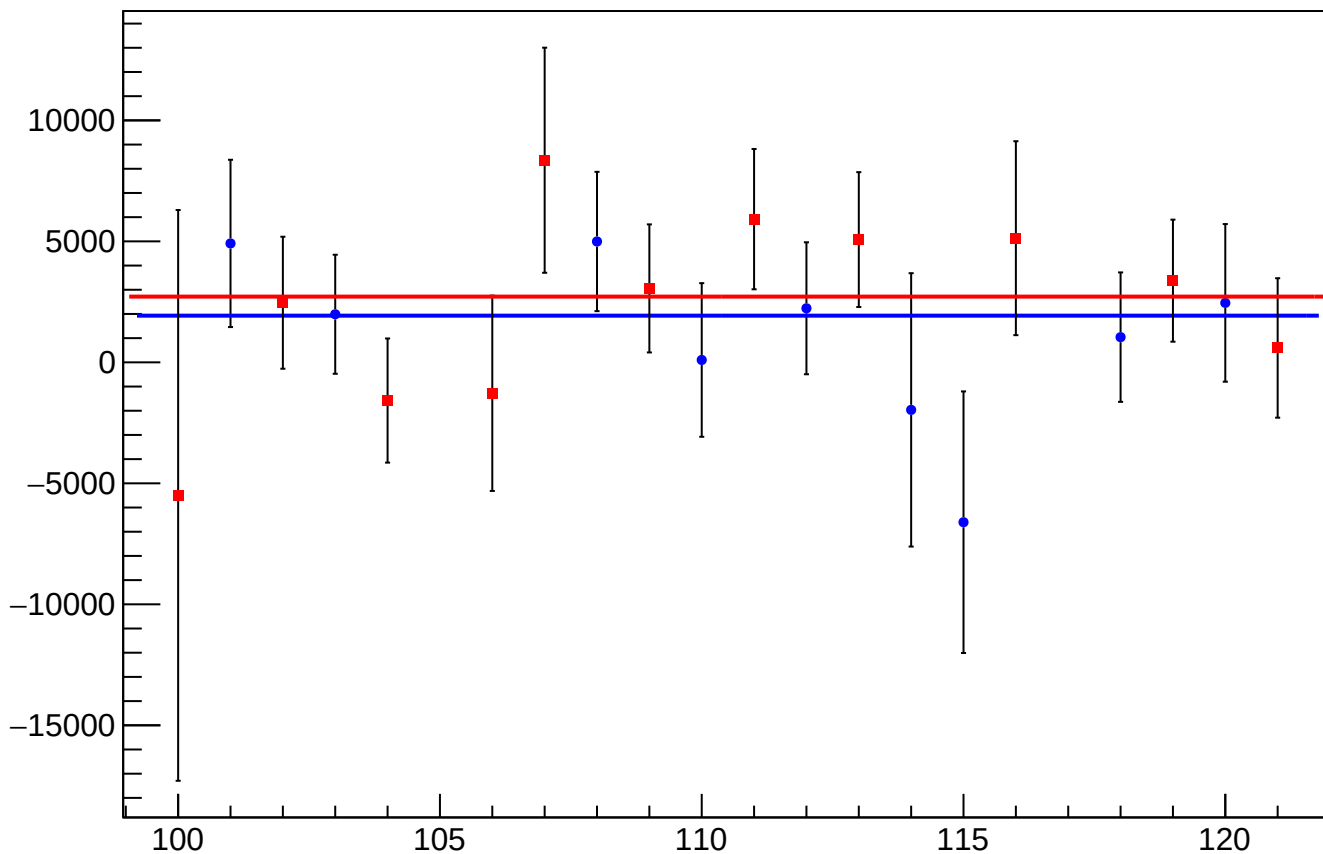
Right: 0.000+/-0.000 χ^2/NDF : 3225126.3/19

In: 0.000+/-0.000 χ^2/NDF : 1633880.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3225126.3/19

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1929.620+/-1052.403 χ^2/NDF : 5.3/8

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

Right Out: 2717.187+/-940.092 χ^2/NDF : 8.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

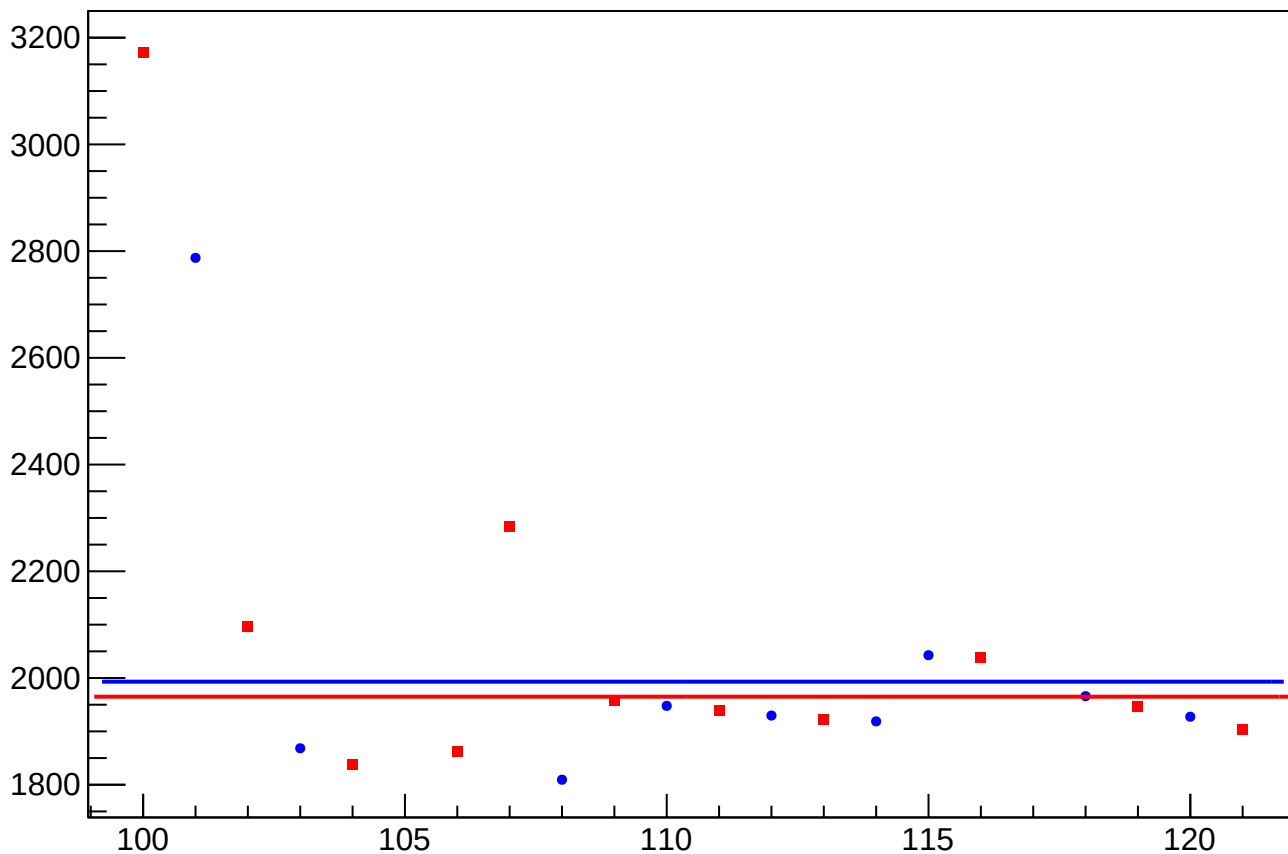
Right: 2367.656+/-701.102 χ^2/NDF : 14.3/19

In: 1929.620+/-1052.403 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2367.656+/-701.102 χ^2/NDF : 14.3/19

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.169+/-0.744 χ^2/NDF : 121906.2/8

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

Right Out: 1965.001+/-0.665 χ^2/NDF : 43526.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

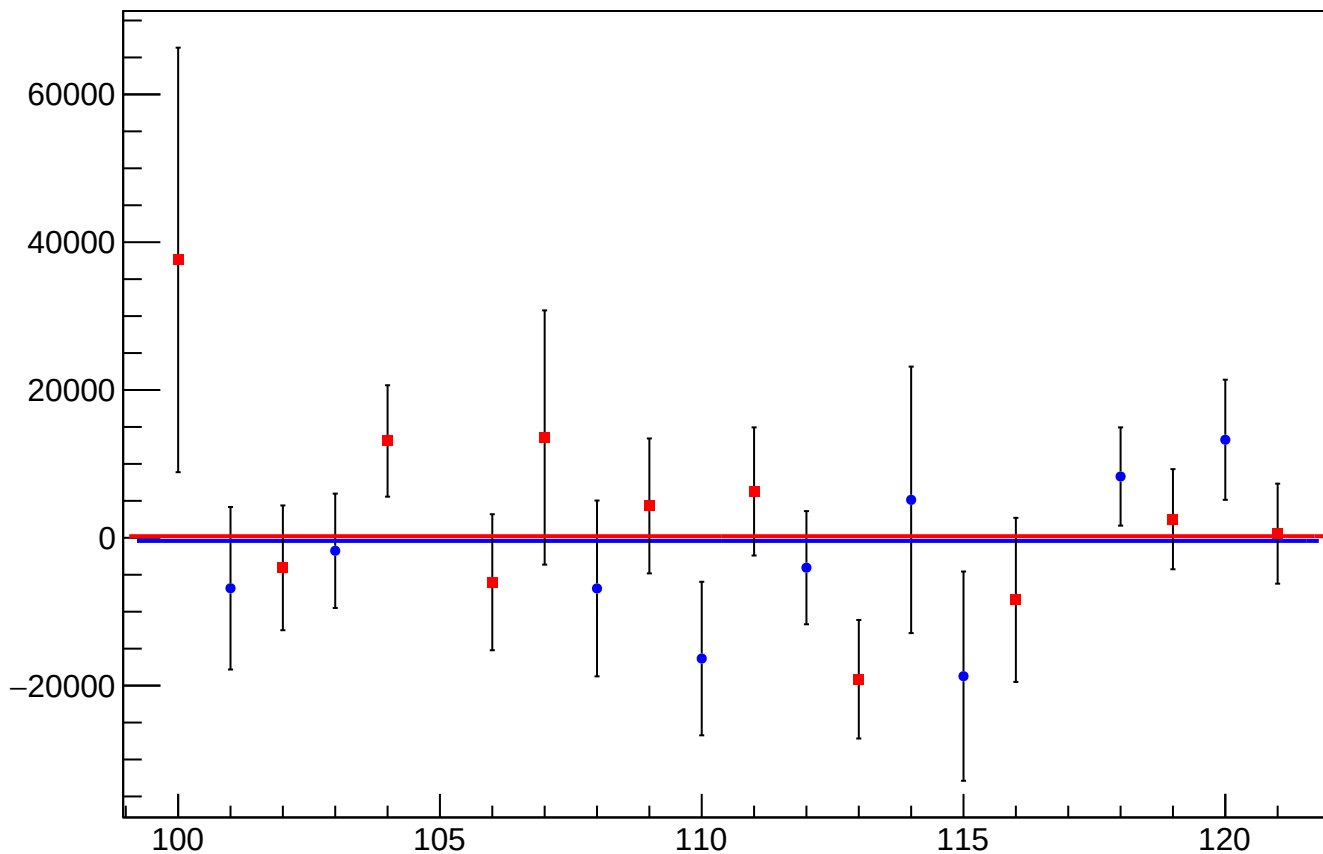
Right: 1977.502+/-0.496 χ^2/NDF : 166229.1/19

In: 1993.169+/-0.744 χ^2/NDF : 121906.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.502+/-0.496 χ^2/NDF : 166229.1/19

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -420.887+/-3098.090 χ^2/NDF : 9.6/8

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

Right Out: 217.364+/-2666.791 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

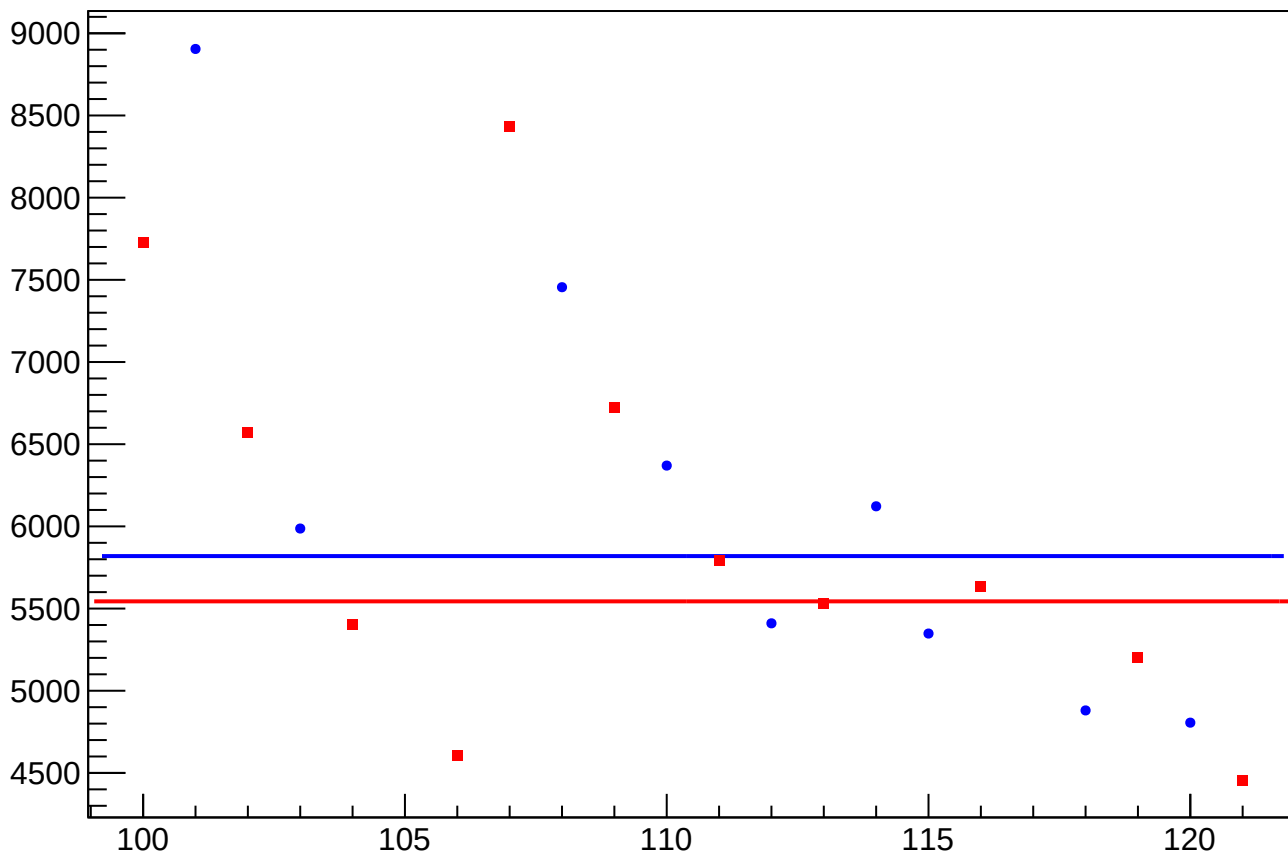
Right: -54.277+/-2021.136 χ^2/NDF : 22.7/19

In: -420.887+/-3098.090 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -54.277+/-2021.136 χ^2/NDF : 22.7/19

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5819.306+/-2.191 χ^2/NDF : 281327.8/8

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

Right Out: 5543.852+/-1.886 χ^2/NDF : 210996.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

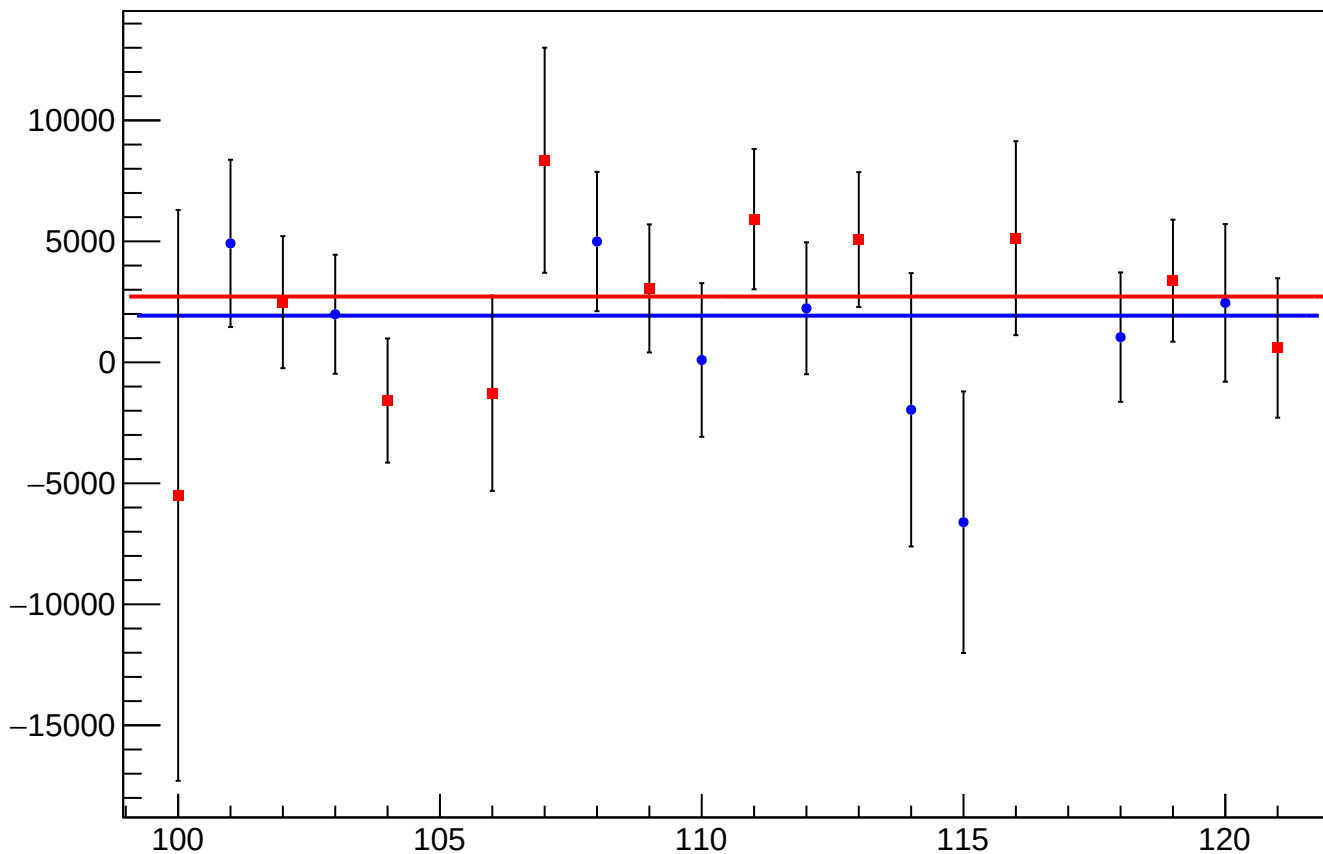
Right: 5661.086+/-1.429 χ^2/NDF : 501405.2/19

In: 5819.306+/-2.191 χ^2/NDF : 281327.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5661.086+/-1.429 χ^2/NDF : 501405.2/19

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

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

Right Out: 2720.025+/-940.107 χ^2/NDF : 8.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

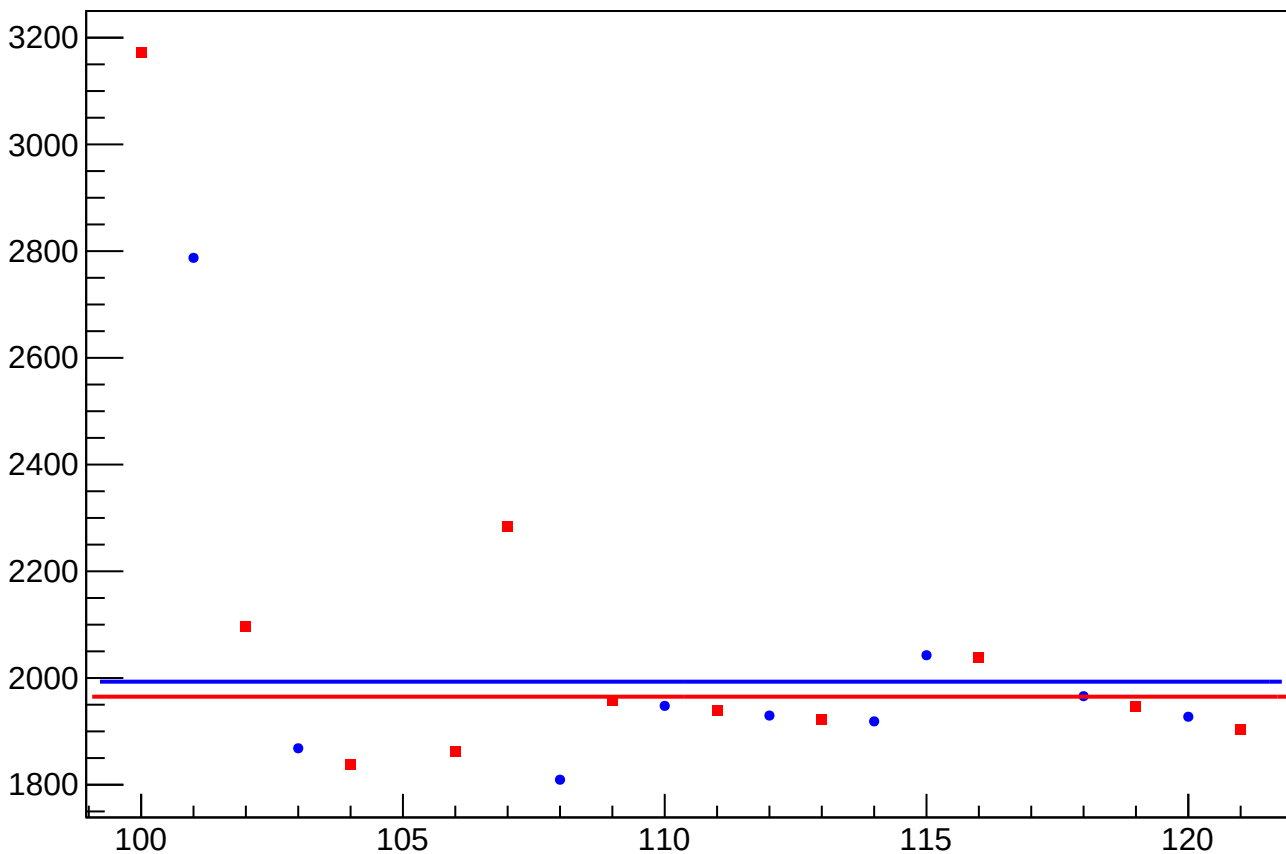
Right: 2369.315+/-701.108 χ^2/NDF : 14.3/19

In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2369.315+/-701.108 χ^2/NDF : 14.3/19

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.169+/-0.744 χ^2/NDF : 121906.0/8

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

Right Out: 1965.033+/-0.665 χ^2/NDF : 43545.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

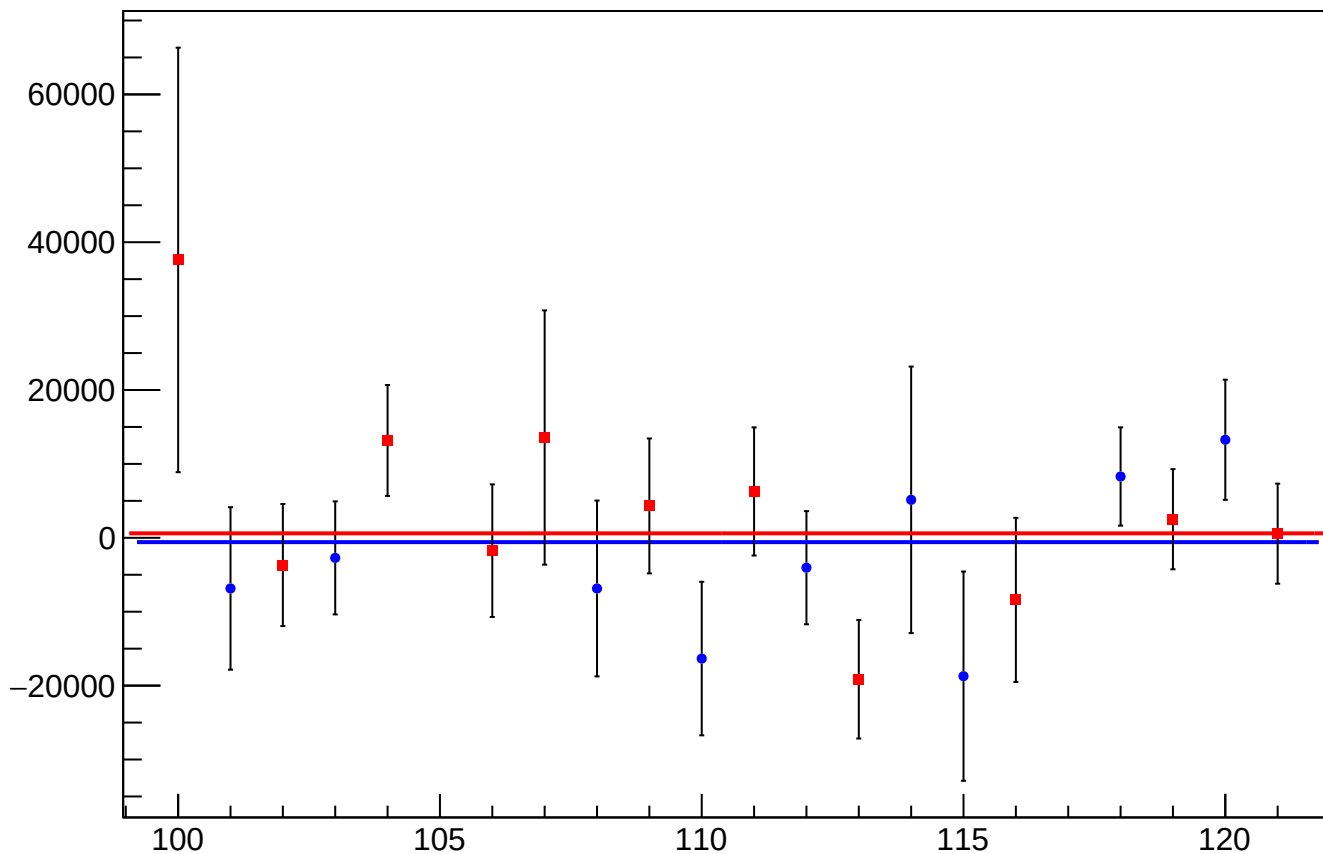
Right: 1977.520+/-0.496 χ^2/NDF : 166246.9/19

In: 1993.169+/-0.744 χ^2/NDF : 121906.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.520+/-0.496 χ^2/NDF : 166246.9/19

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

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

Right Out: 607.798+/-2653.766 χ^2/NDF : 12.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

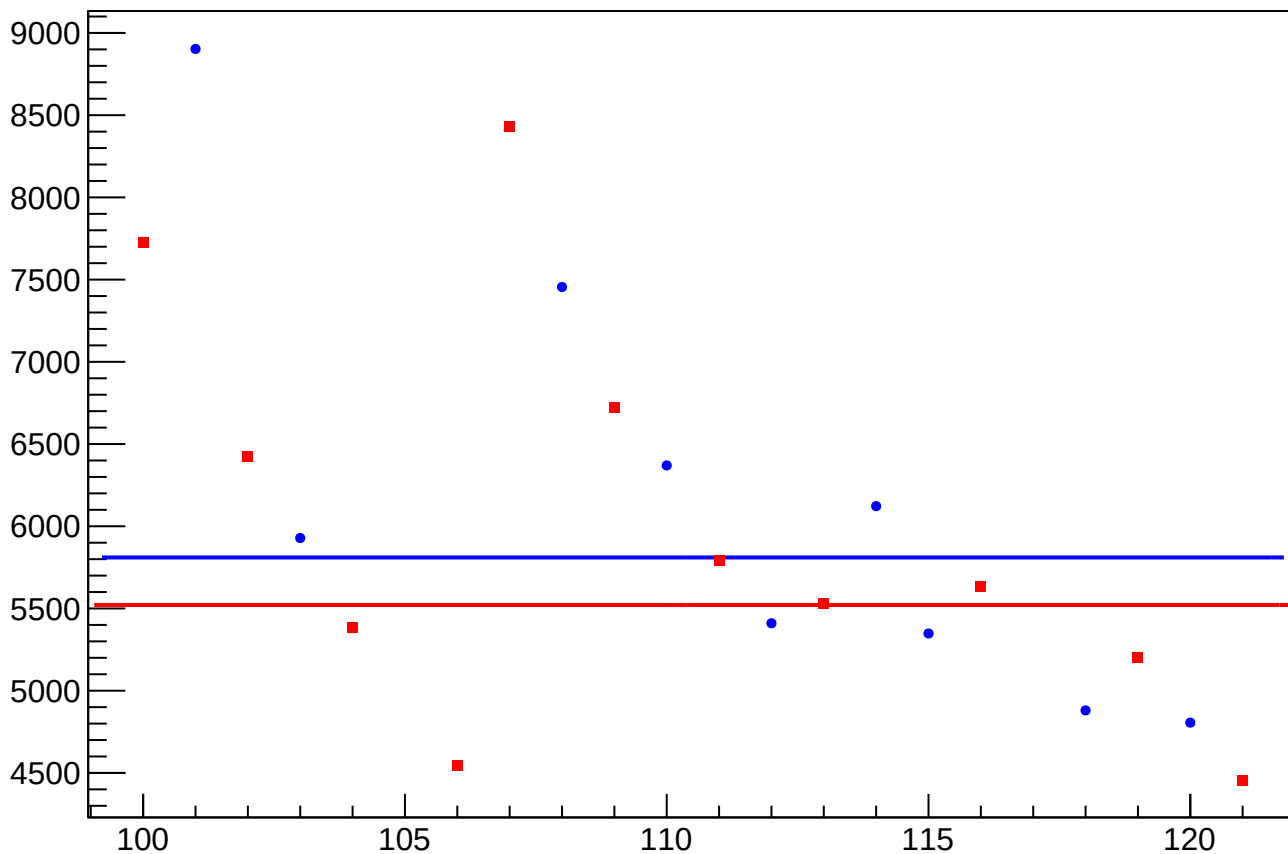
Right: 102.187+/-2013.820 χ^2/NDF : 22.5/19

In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.187+/-2013.820 χ^2/NDF : 22.5/19

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

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

Right Out: 5521.062+/-1.876 χ^2/NDF : 208209.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

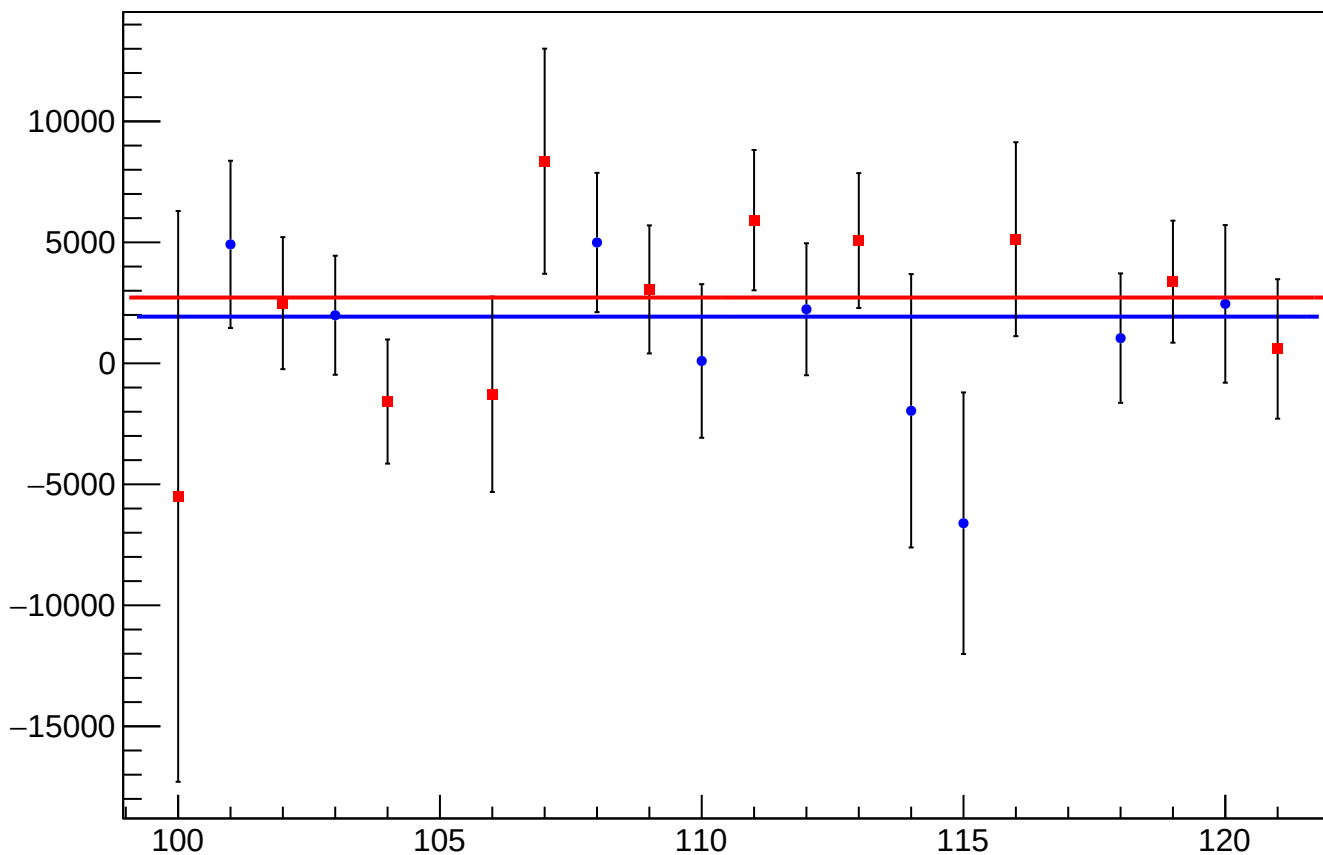
Right: 5643.744+/-1.424 χ^2/NDF : 498933.5/19

In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5643.744+/-1.424 χ^2/NDF : 498933.5/19

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

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

Right Out: 2720.025+/-940.107 χ^2/NDF : 8.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

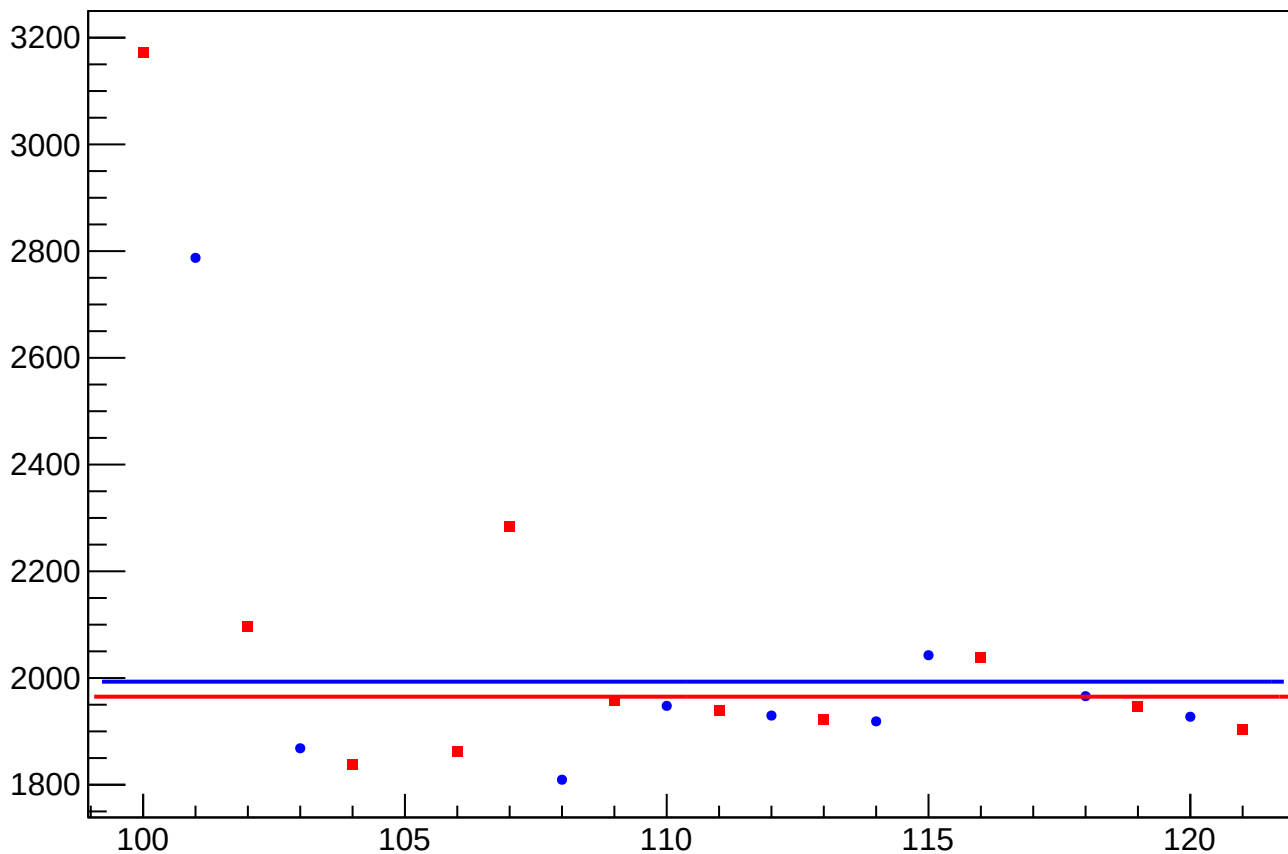
Right: 2369.315+/-701.108 χ^2/NDF : 14.3/19

In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2369.315+/-701.108 χ^2/NDF : 14.3/19

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.169+/-0.744 χ^2/NDF : 121906.0/8

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

Right Out: 1965.033+/-0.665 χ^2/NDF : 43545.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

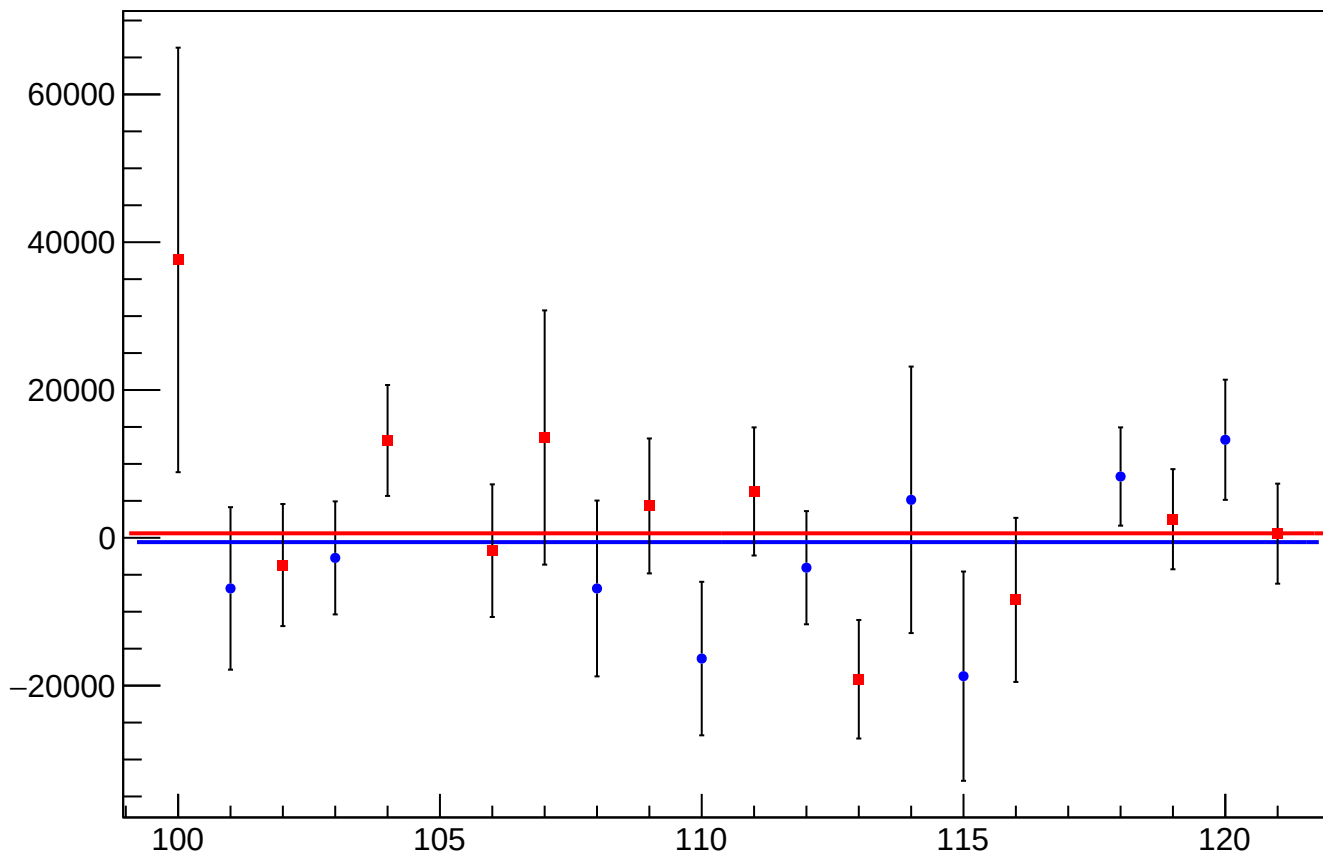
Right: 1977.520+/-0.496 χ^2/NDF : 166246.9/19

In: 1993.169+/-0.744 χ^2/NDF : 121906.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.520+/-0.496 χ^2/NDF : 166246.9/19

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

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

Right Out: 607.798+/-2653.766 χ^2/NDF : 12.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

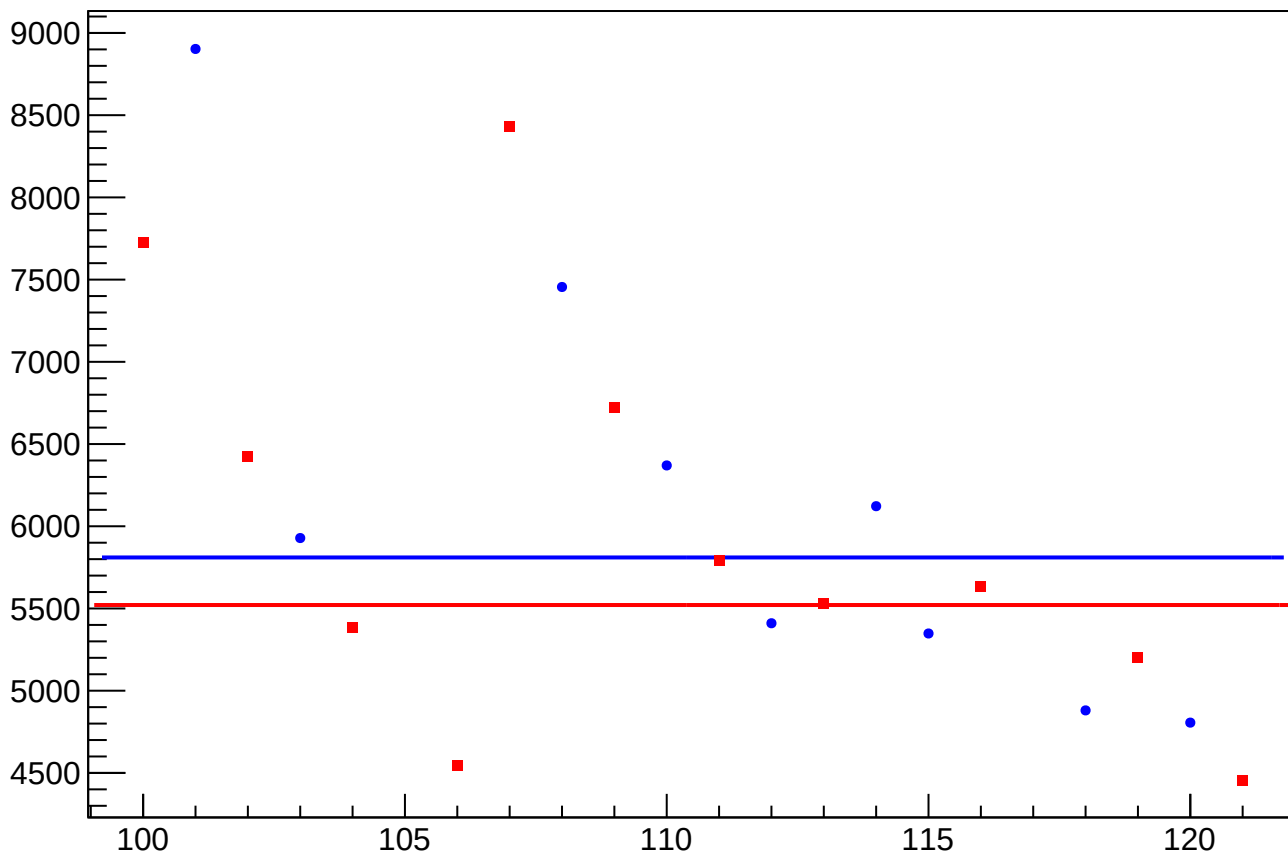
Right: 102.187+/-2013.820 χ^2/NDF : 22.5/19

In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.187+/-2013.820 χ^2/NDF : 22.5/19

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

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

Right Out: 5521.062+/-1.876 χ^2/NDF : 208209.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

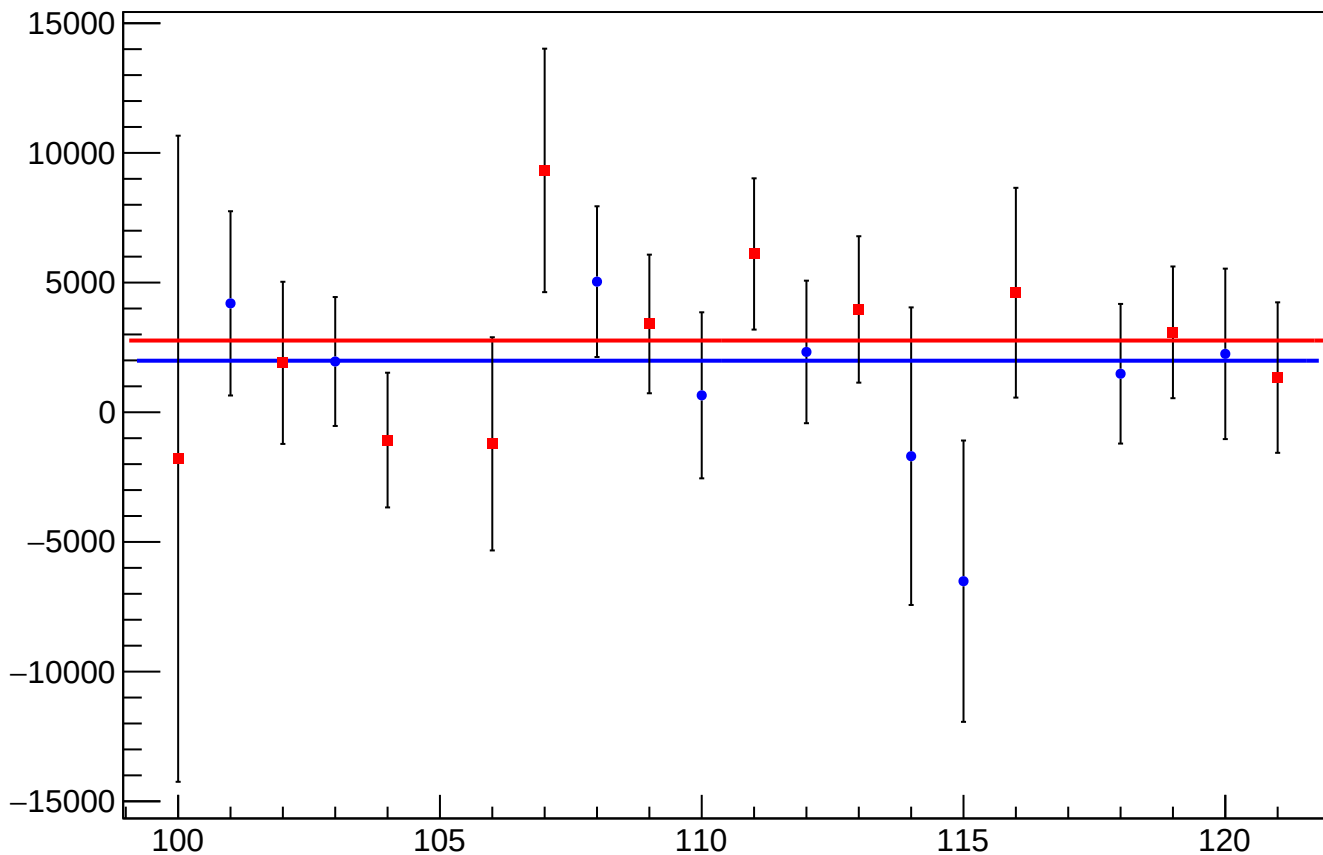
Right: 5643.744+/-1.424 χ^2/NDF : 498933.5/19

In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5643.744+/-1.424 χ^2/NDF : 498933.5/19

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1987.613+/-1063.328 χ^2/NDF : 4.6/8

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

Right Out: 2765.478+/-962.343 χ^2/NDF : 7.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

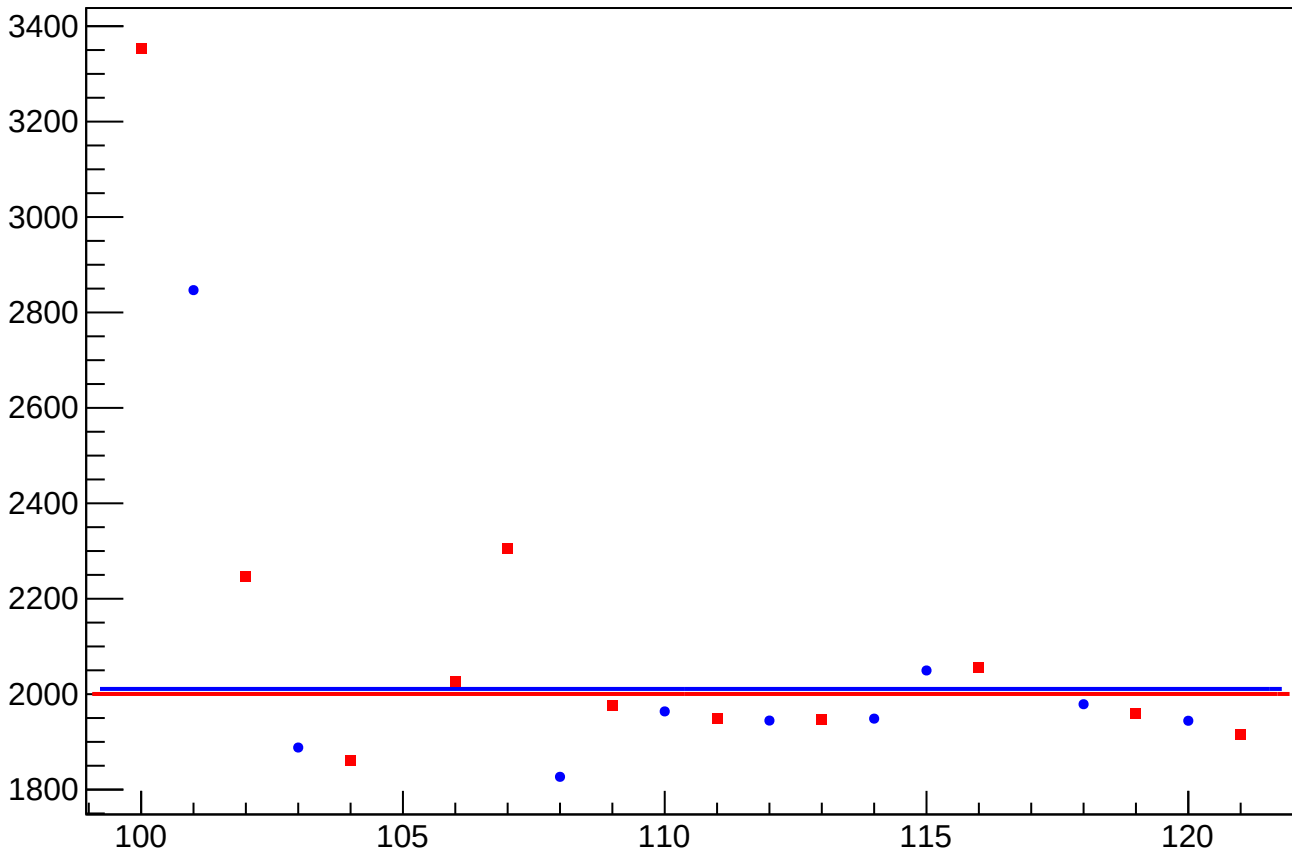
Right: 2415.228+/-713.517 χ^2/NDF : 12.2/19

In: 1987.613+/-1063.328 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.228+/-713.517 χ^2/NDF : 12.2/19

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.985+/-0.752 χ^2/NDF : 126683.9/8

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

Right Out: 2000.421+/-0.679 χ^2/NDF : 54374.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

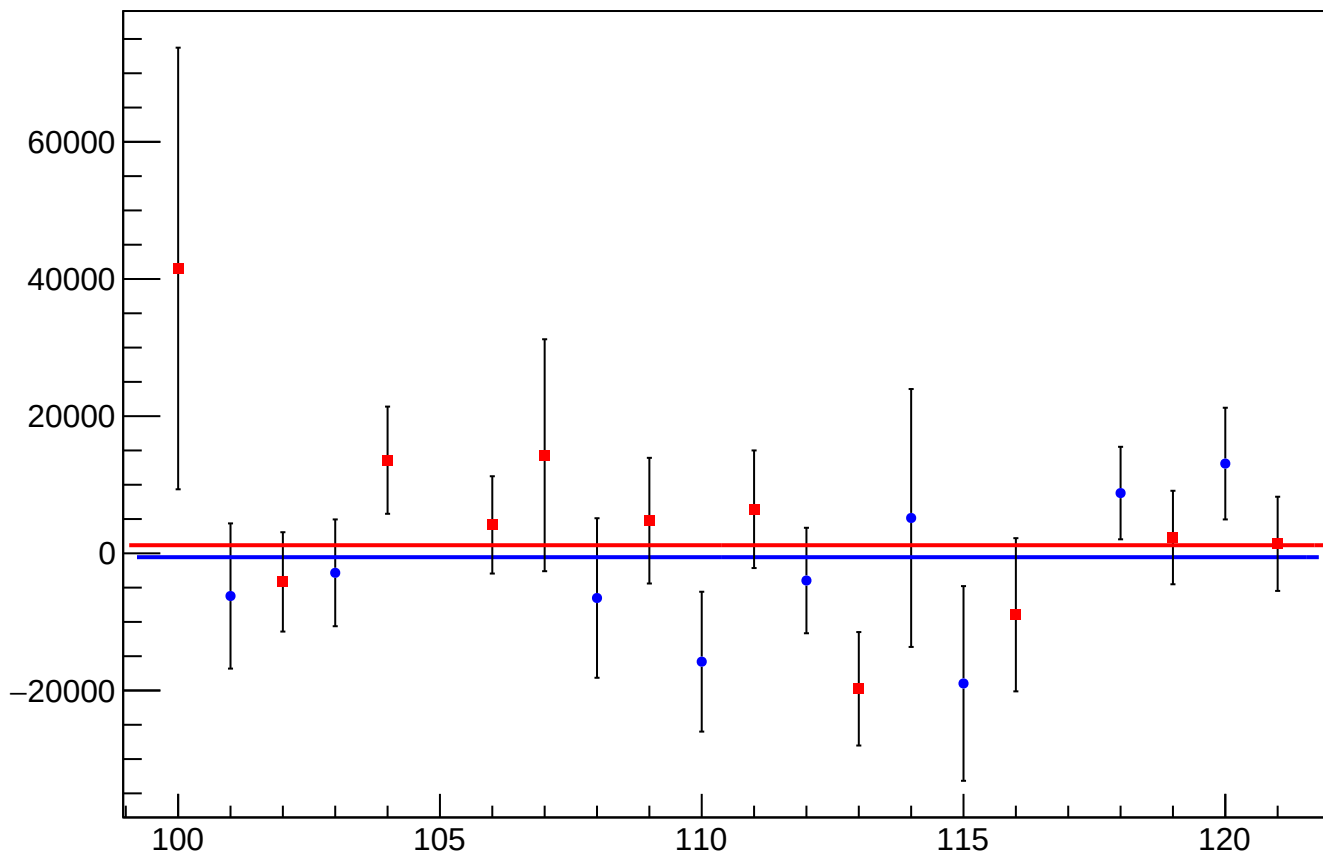
Right: 2005.165+/-0.504 χ^2/NDF : 181167.4/19

In: 2010.985+/-0.752 χ^2/NDF : 126683.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.165+/-0.504 χ^2/NDF : 181167.4/19

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -562.360+/-3098.039 χ^2/NDF : 9.6/8

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

Right Out: 1182.909+/-2576.525 χ^2/NDF : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

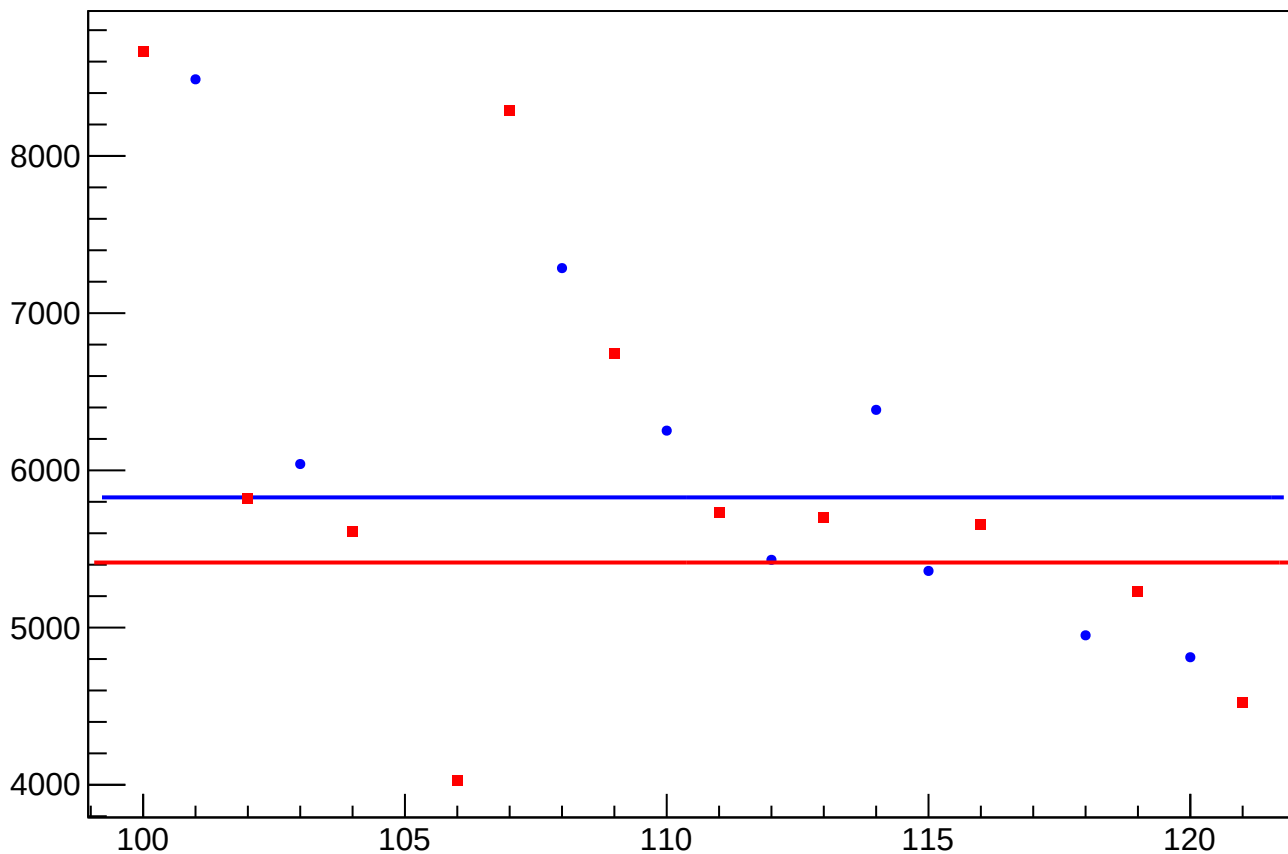
Right: 469.328+/-1980.968 χ^2/NDF : 22.9/19

In: -562.360+/-3098.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.328+/-1980.968 χ^2/NDF : 22.9/19

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5828.187+/-2.191 χ^2/NDF : 236855.9/8

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

Right Out: 5413.894+/-1.822 χ^2/NDF : 245220.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

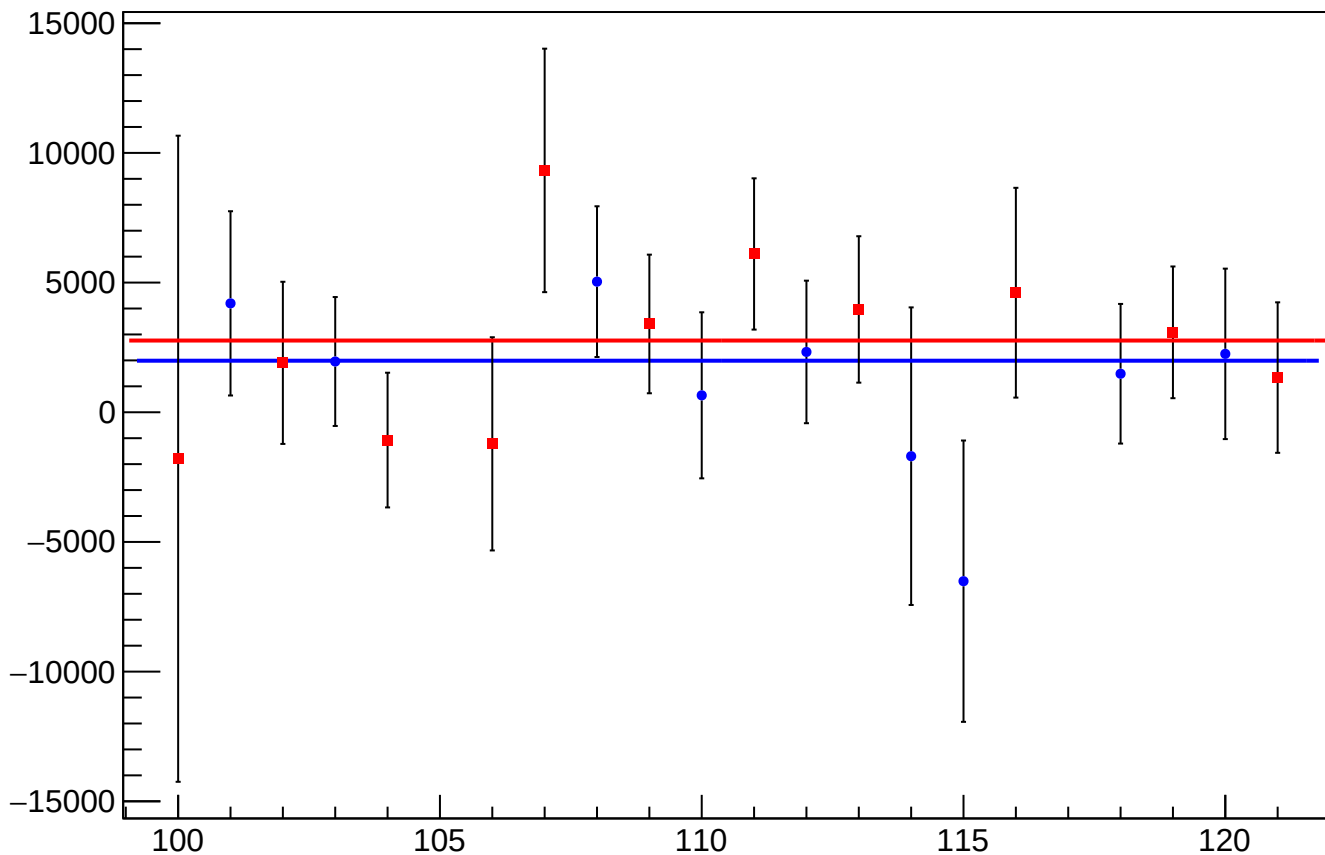
Right: 5583.284+/-1.401 χ^2/NDF : 503219.2/19

In: 5828.187+/-2.191 χ^2/NDF : 236855.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5583.284+/-1.401 χ^2/NDF : 503219.2/19

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1987.616+/-1063.328 χ^2 /NDF: 4.6/8

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

Right Out: 2765.494+/-962.343 χ^2 /NDF: 7.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

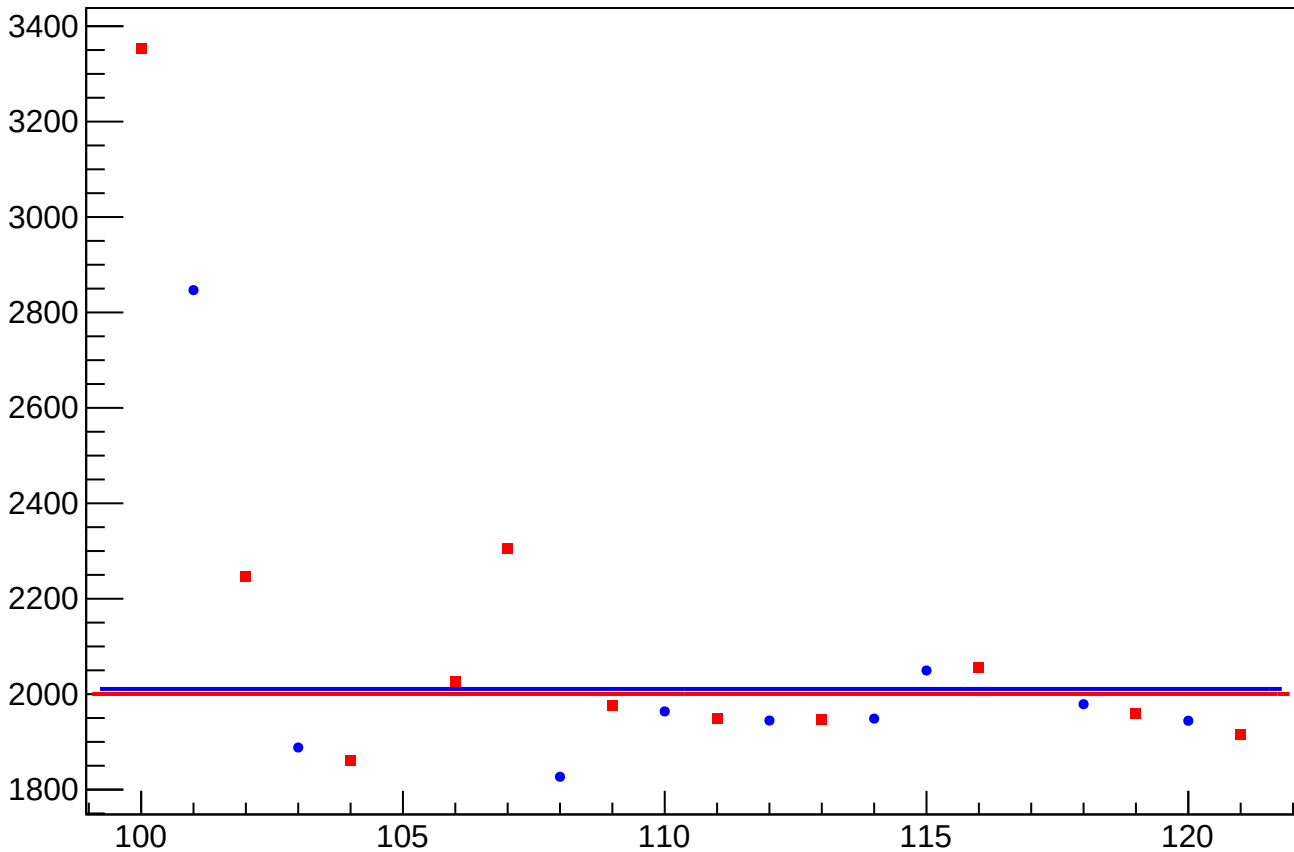
Right: 2415.238+/-713.517 χ^2 /NDF: 12.2/19

In: 1987.616+/-1063.328 χ^2 /NDF:4.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2415.238+/-713.517 χ^2 /NDF: 12.2/19

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.985+/-0.752 χ^2/NDF : 126683.6/8

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

Right Out: 2000.420+/-0.679 χ^2/NDF : 54374.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

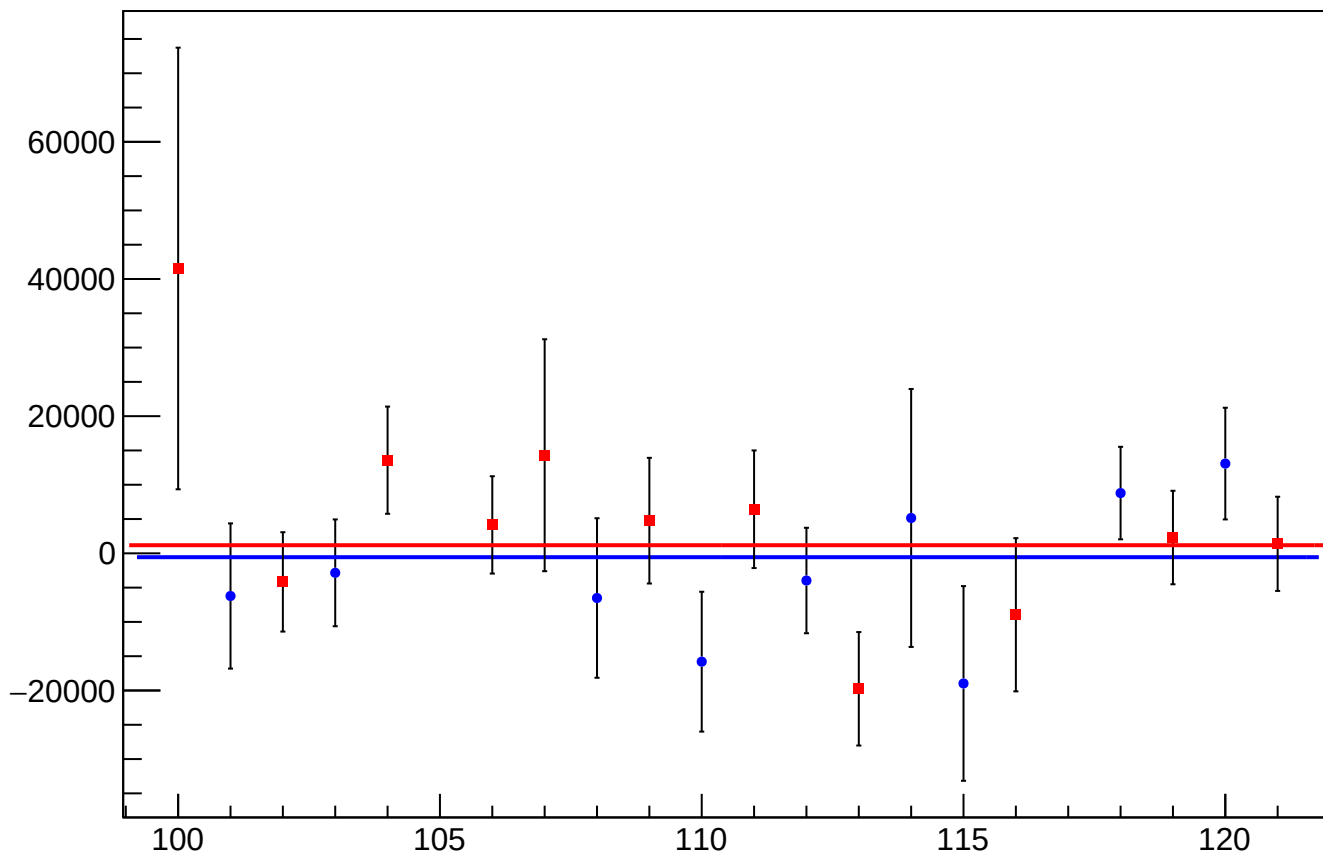
Right: 2005.165+/-0.504 χ^2/NDF : 181167.1/19

In: 2010.985+/-0.752 χ^2/NDF : 126683.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.165+/-0.504 χ^2/NDF : 181167.1/19

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -562.343+/-3098.027 χ^2/NDF : 9.6/8

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

Right Out: 1182.908+/-2576.518 χ^2/NDF : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

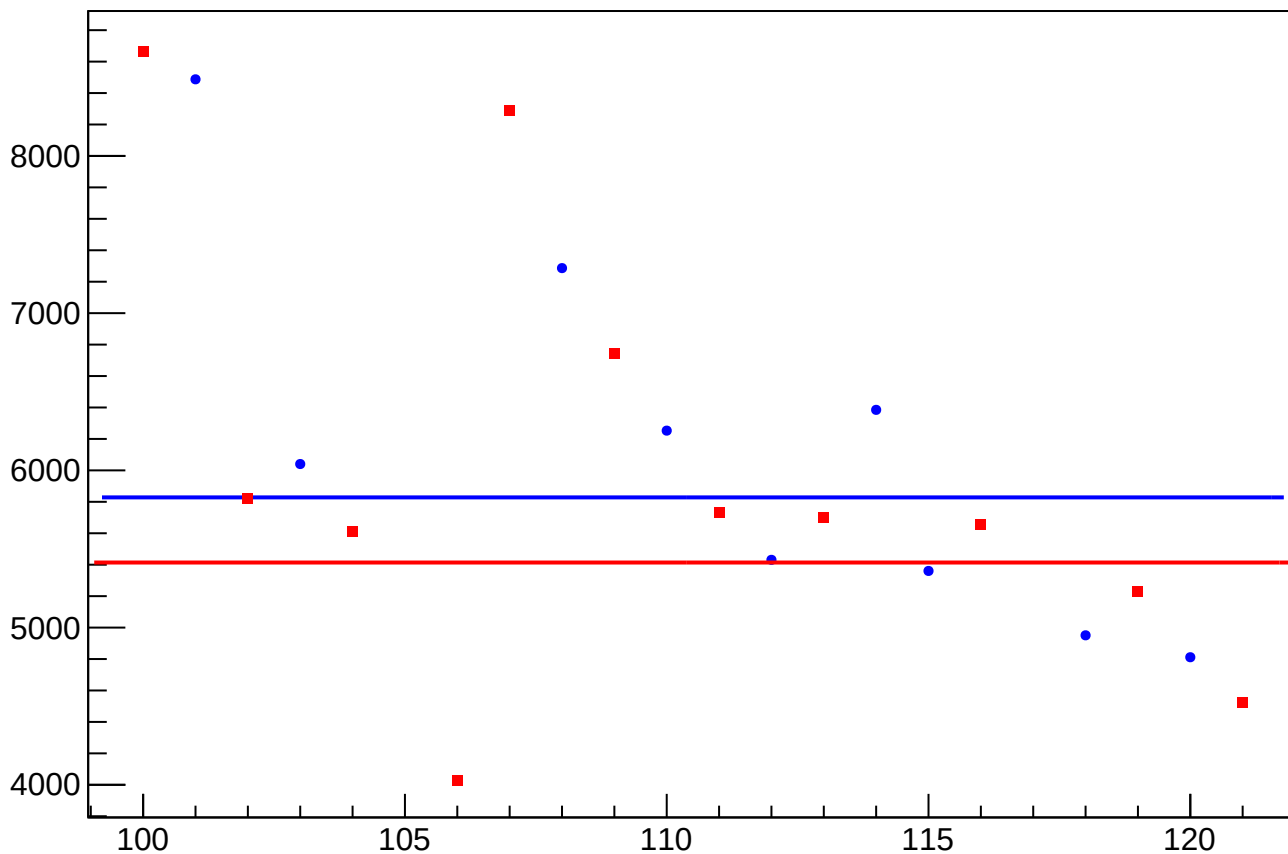
Right: 469.333+/-1980.961 χ^2/NDF : 22.9/19

In: -562.343+/-3098.027 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.333+/-1980.961 χ^2/NDF : 22.9/19

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5828.164+/-2.191 χ^2/NDF : 236859.6/8

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

Right Out: 5413.878+/-1.822 χ^2/NDF : 245222.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

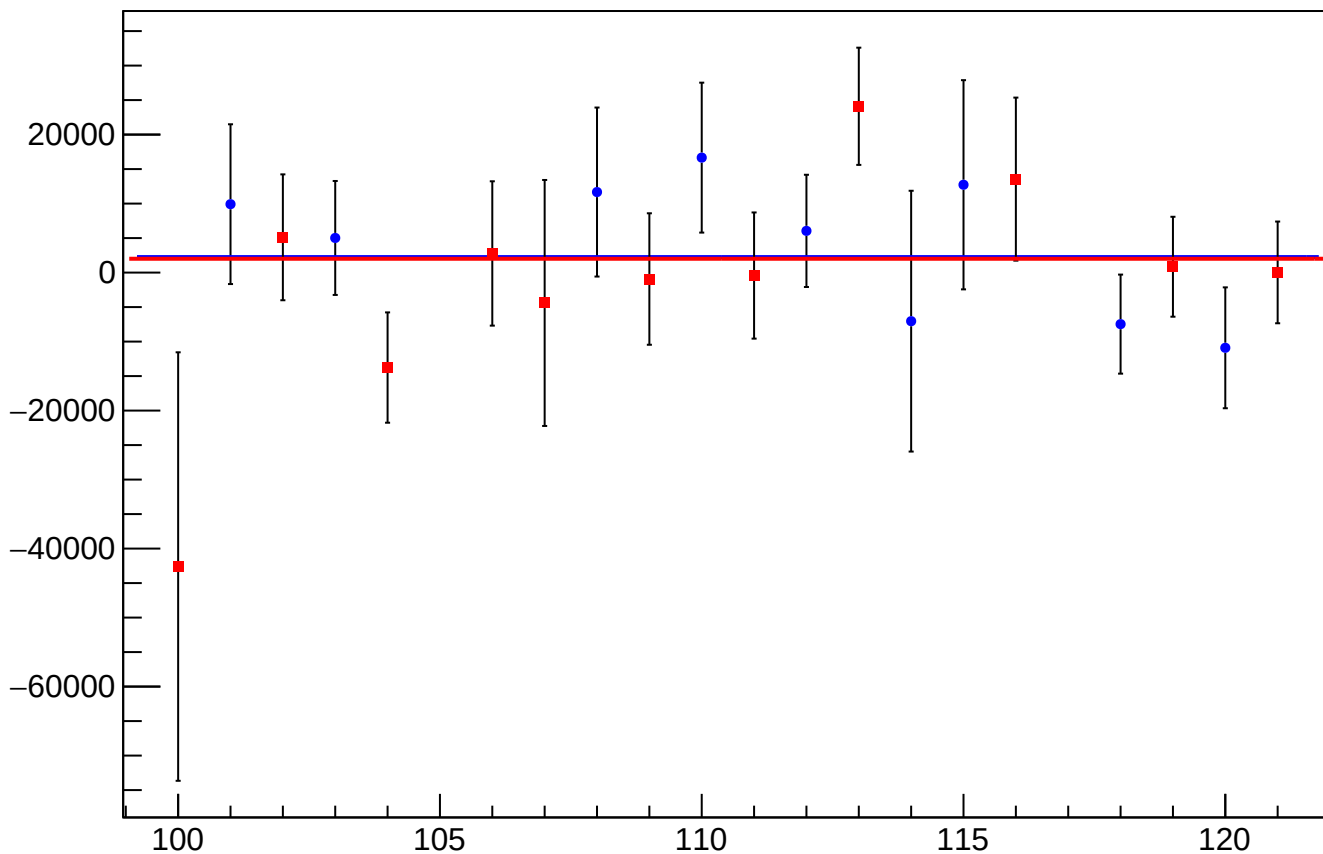
Right: 5583.266+/-1.401 χ^2/NDF : 503223.5/19

In: 5828.164+/-2.191 χ^2/NDF : 236859.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5583.266+/-1.401 χ^2/NDF : 503223.5/19

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2245.436+/-3297.381 χ^2/NDF : 7.9/8

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

Right Out: 2005.613+/-2857.506 χ^2/NDF : 14.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

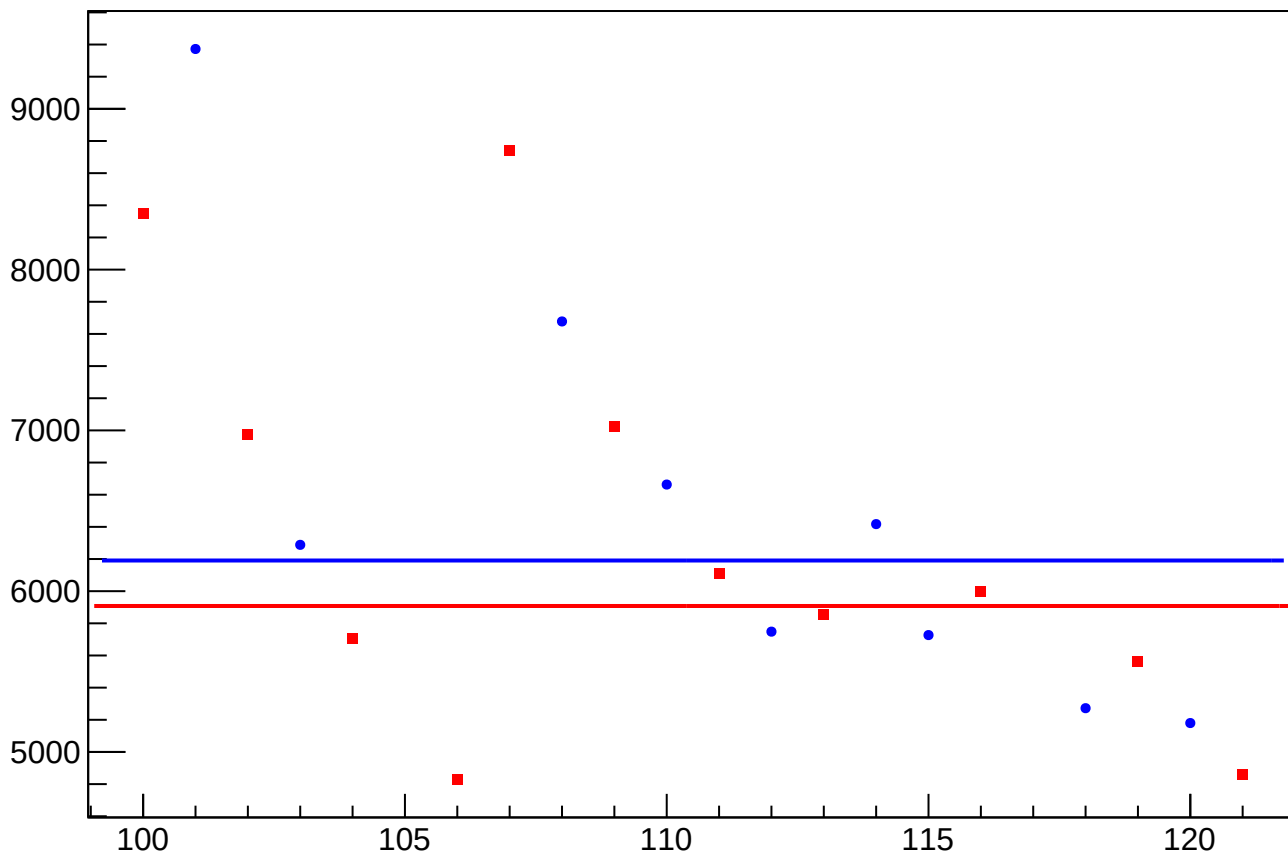
Right: 2108.472+/-2159.459 χ^2/NDF : 22.1/19

In: 2245.436+/-3297.381 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2108.472+/-2159.459 χ^2/NDF : 22.1/19

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6190.765+/-2.332 χ^2/NDF : 252007.1/8

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

Right Out: 5907.866+/-2.021 χ^2/NDF : 186458.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

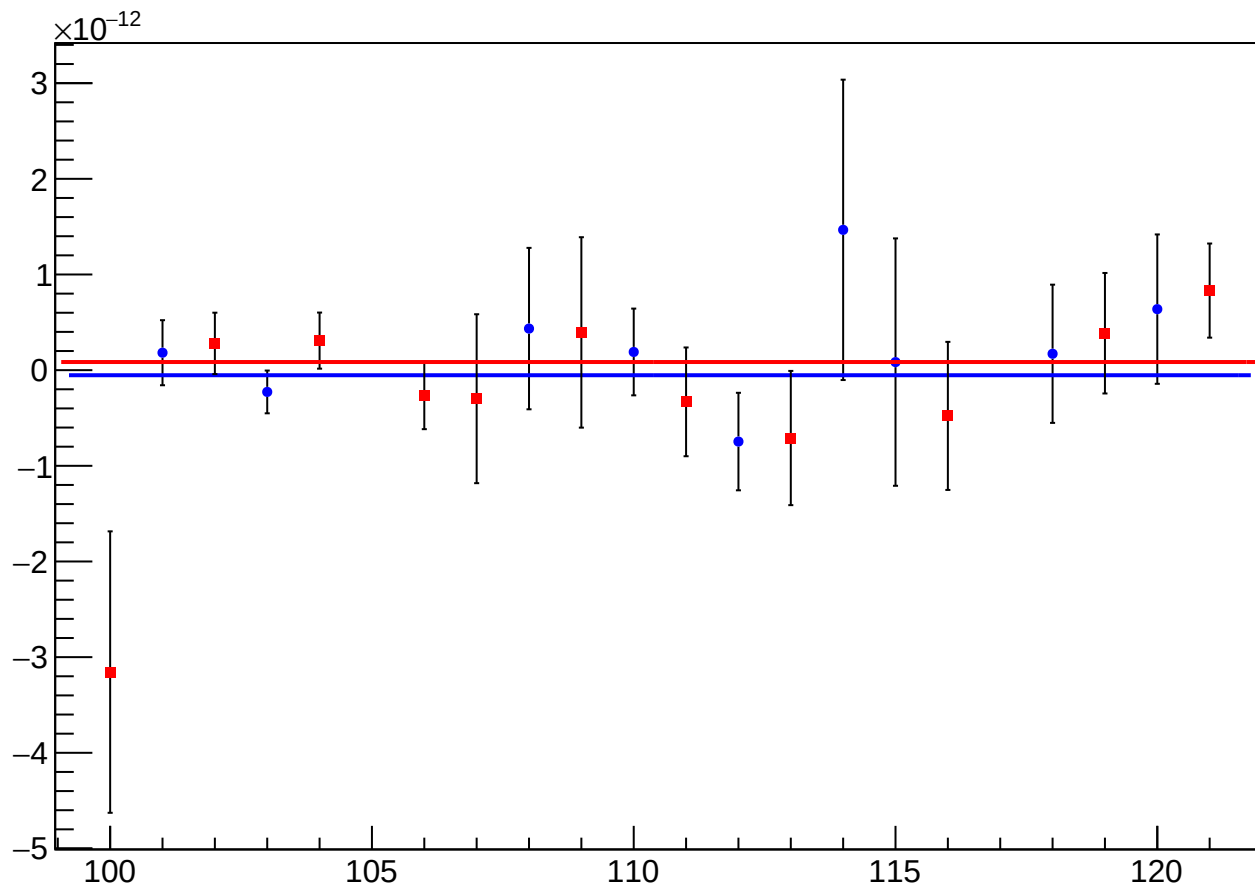
Right: 6029.200+/-1.527 χ^2/NDF : 446873.1/19

In: 6190.765+/-2.332 χ^2/NDF : 252007.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6029.200+/-1.527 χ^2/NDF : 446873.1/19

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

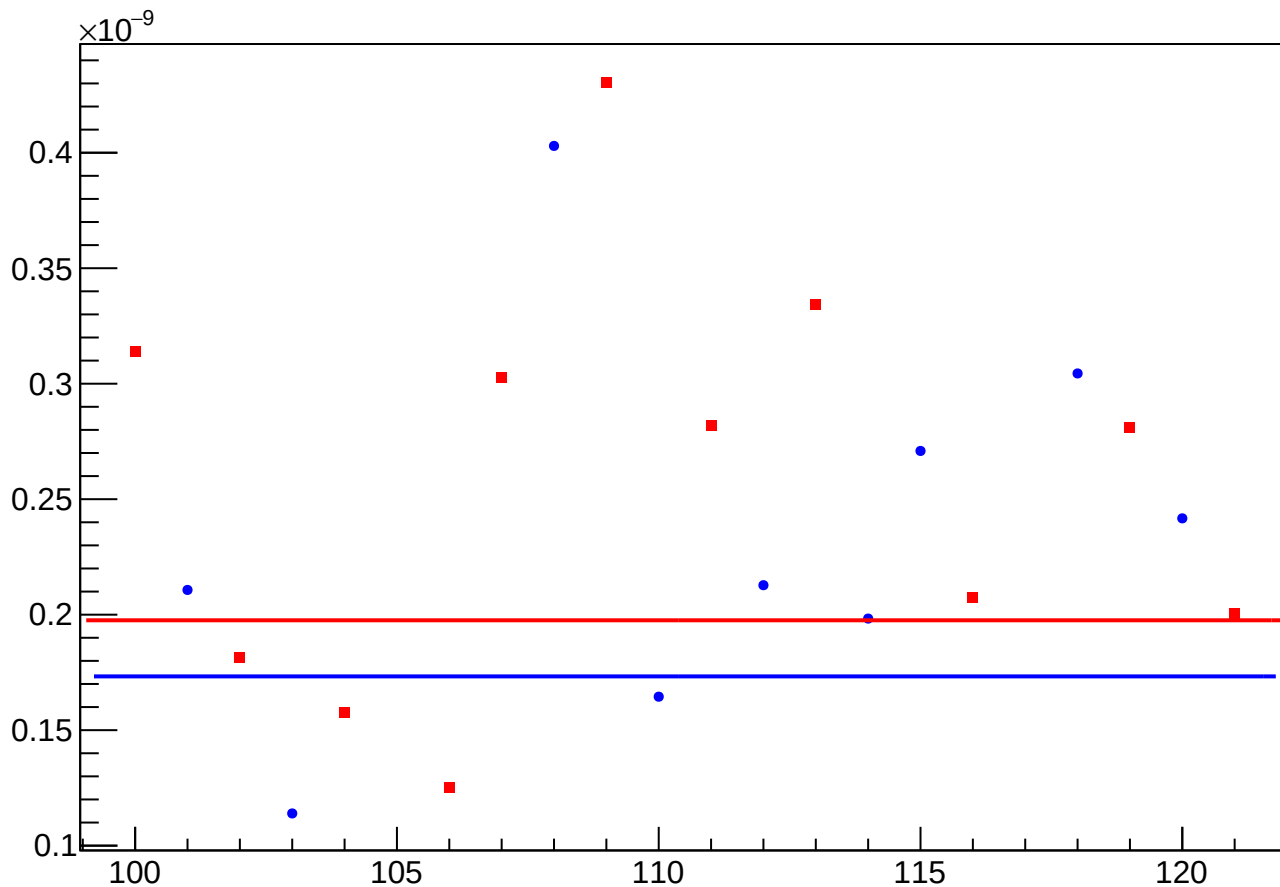
Right: 0.000+/-0.000 χ^2/NDF : 17.8/19

In: -0.000+/-0.000 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/19

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 419326.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 432018.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

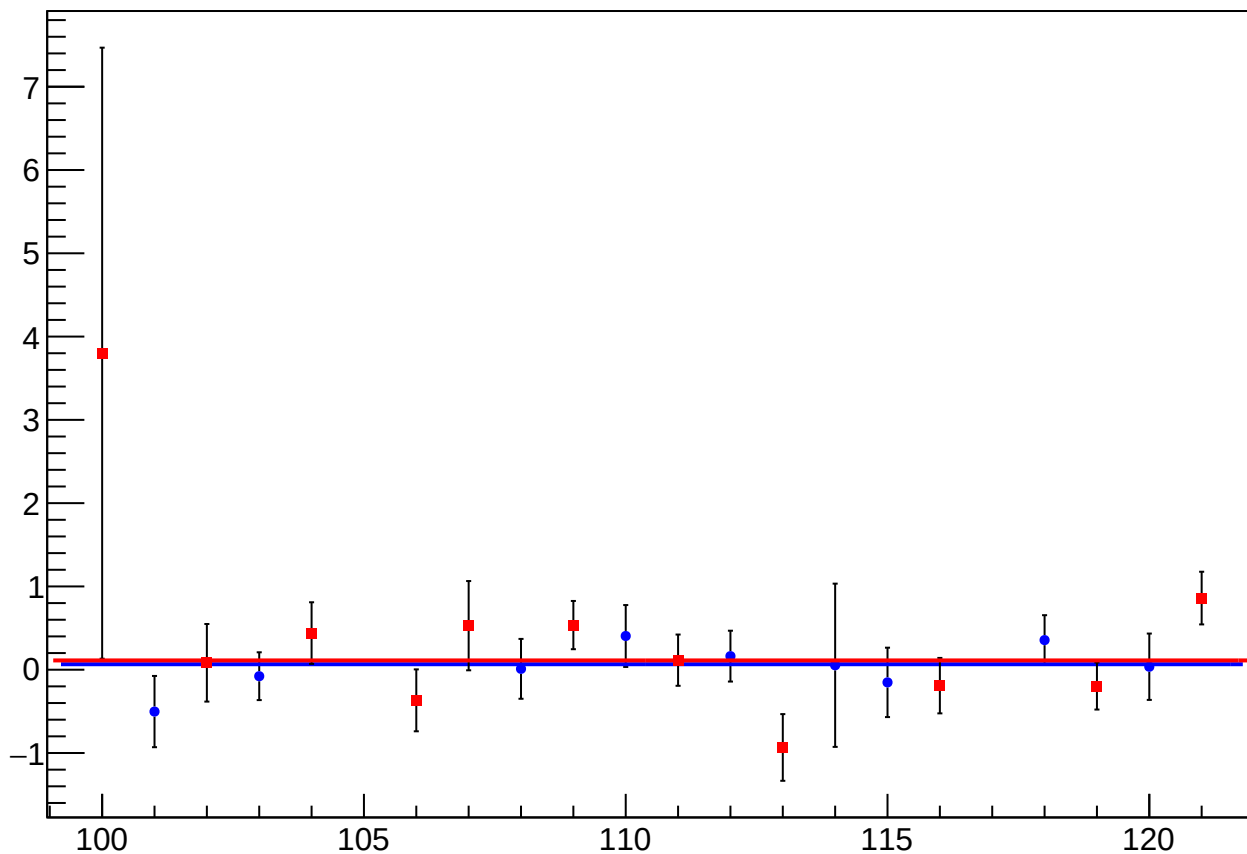
Right: 0.000+/-0.000 χ^2/NDF : 877566.2/19

In: 0.000+/-0.000 χ^2/NDF : 419326.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 877566.2/19

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066 $\pm$ 0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.112 $\pm$ 0.110 χ^2/NDF : 20.6/10

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

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

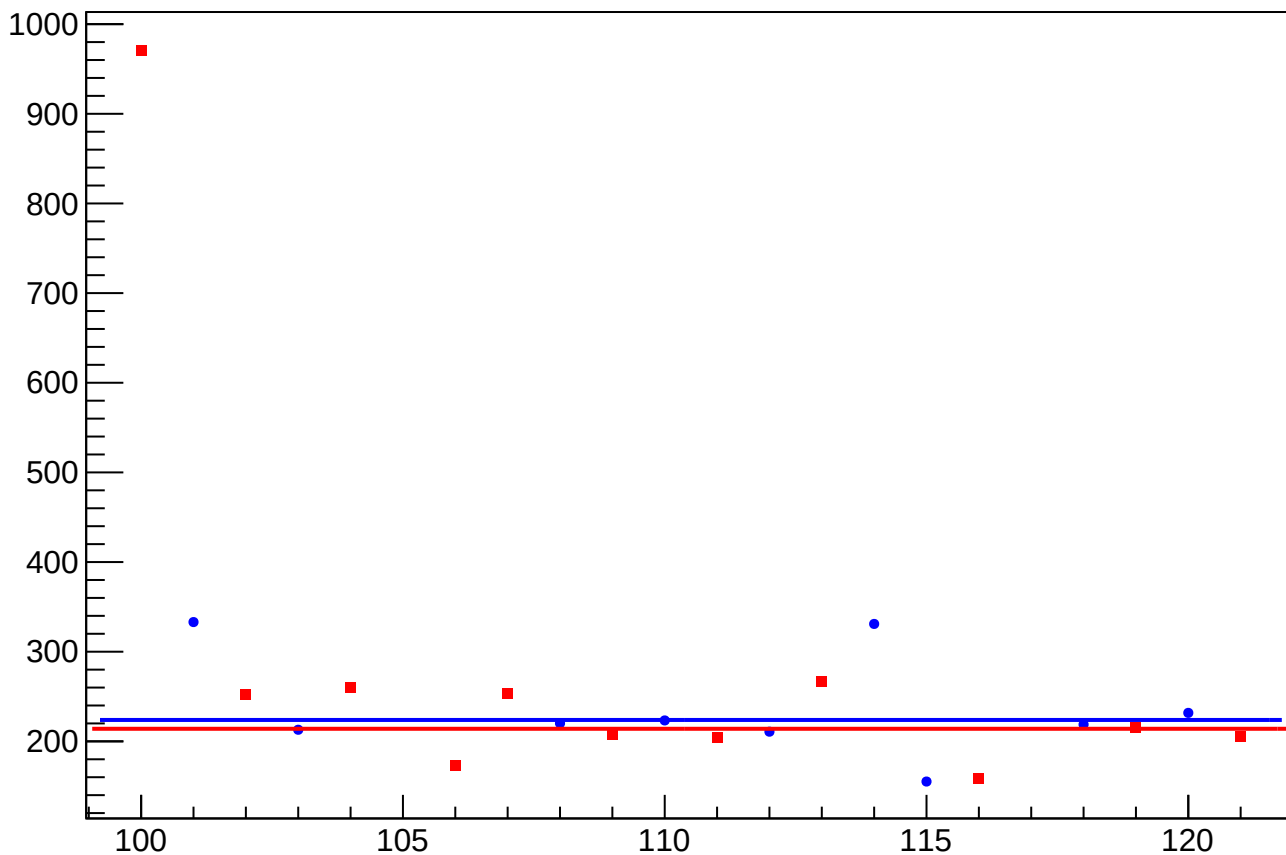
Right: 0.091 $\pm$ 0.081 χ^2/NDF : 24.9/19

In: 0.066 $\pm$ 0.122 χ^2/NDF : 4.2/8

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

All: 0.091 $\pm$ 0.081 χ^2/NDF : 24.9/19

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.873+/-0.086 χ^2/NDF : 216654.6/8

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

Right Out: 214.026+/-0.078 χ^2/NDF : 257698.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

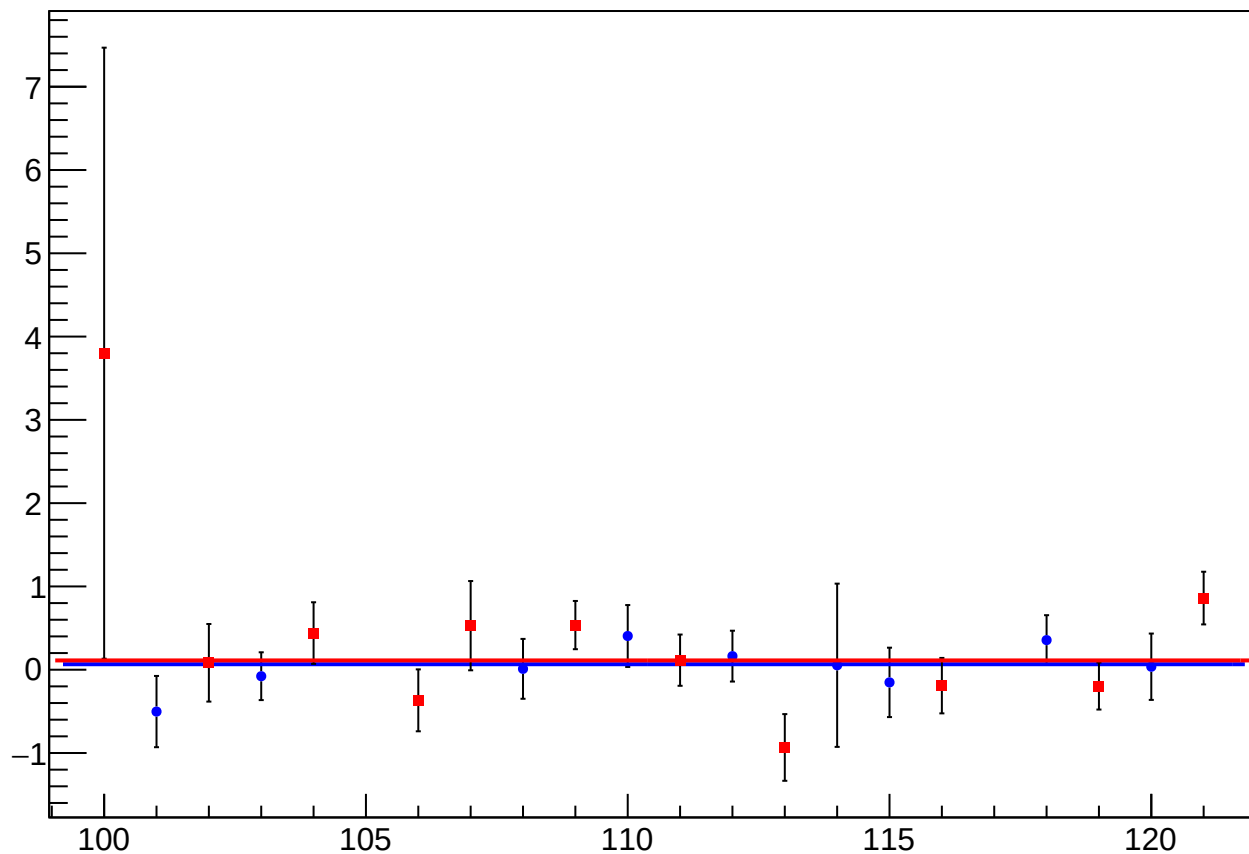
Right: 218.447+/-0.058 χ^2/NDF : 481580.0/19

In: 223.873+/-0.086 χ^2/NDF : 216654.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.447+/-0.058 χ^2/NDF : 481580.0/19

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

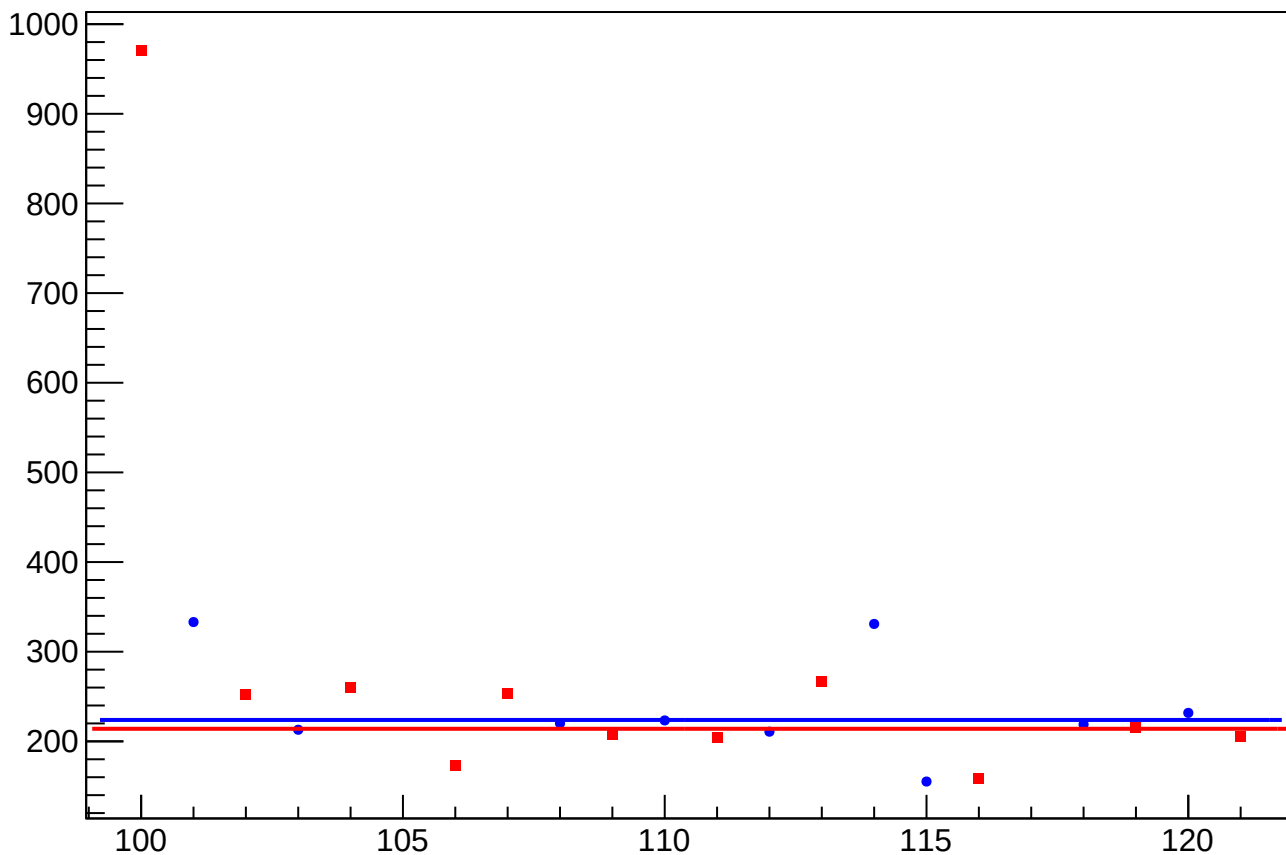
Right: 0.091+/-0.081 χ^2/NDF : 24.9/19

In: 0.066+/-0.122 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.081 χ^2/NDF : 24.9/19

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.873+/-0.086 χ^2/NDF : 216654.6/8

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

Right Out: 214.026+/-0.078 χ^2/NDF : 257698.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

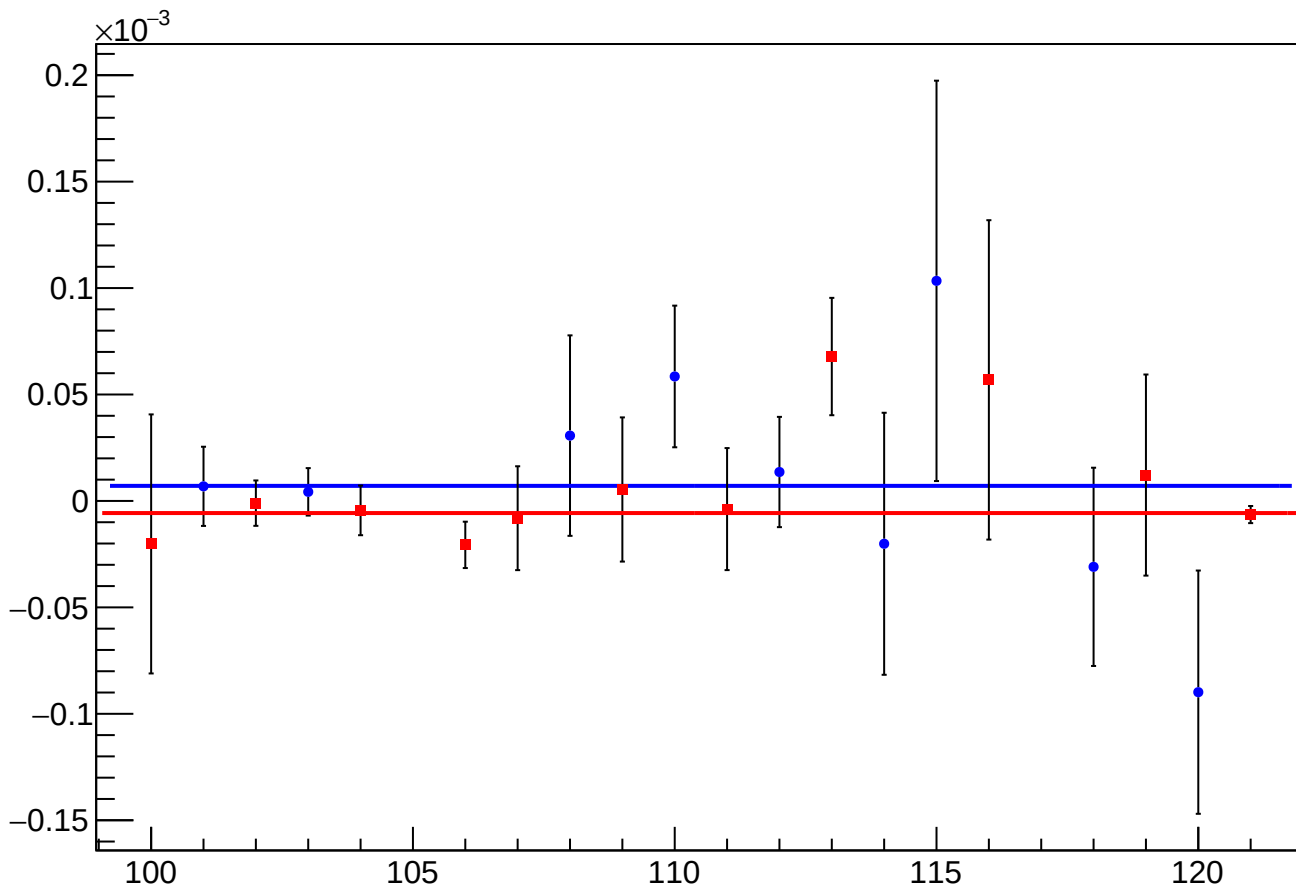
Right: 218.447+/-0.058 χ^2/NDF : 481580.0/19

In: 223.873+/-0.086 χ^2/NDF :216654.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.447+/-0.058 χ^2/NDF : 481580.0/19

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

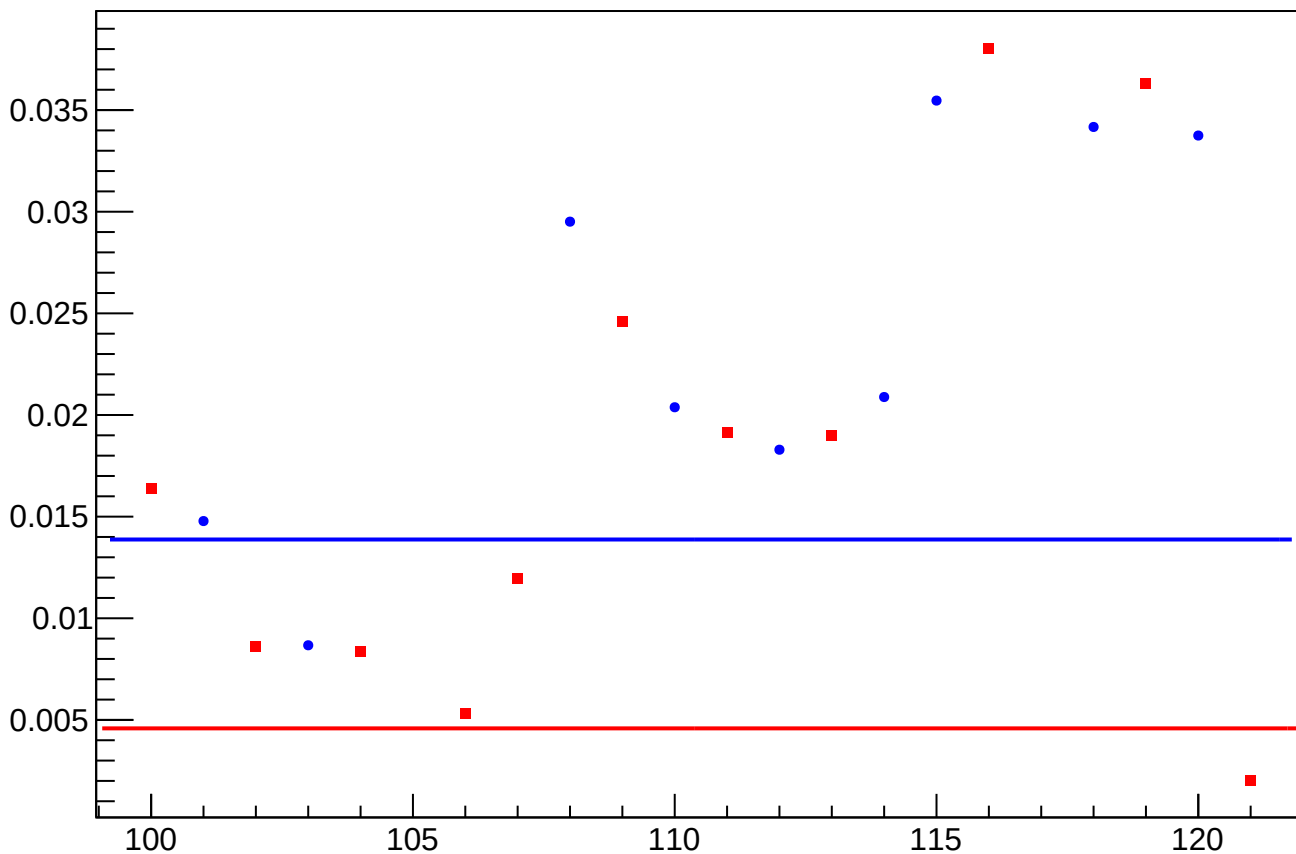
Right: -0.000+/-0.000 χ^2/NDF : 19.9/19

In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/19

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1548784.2/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 4644207.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

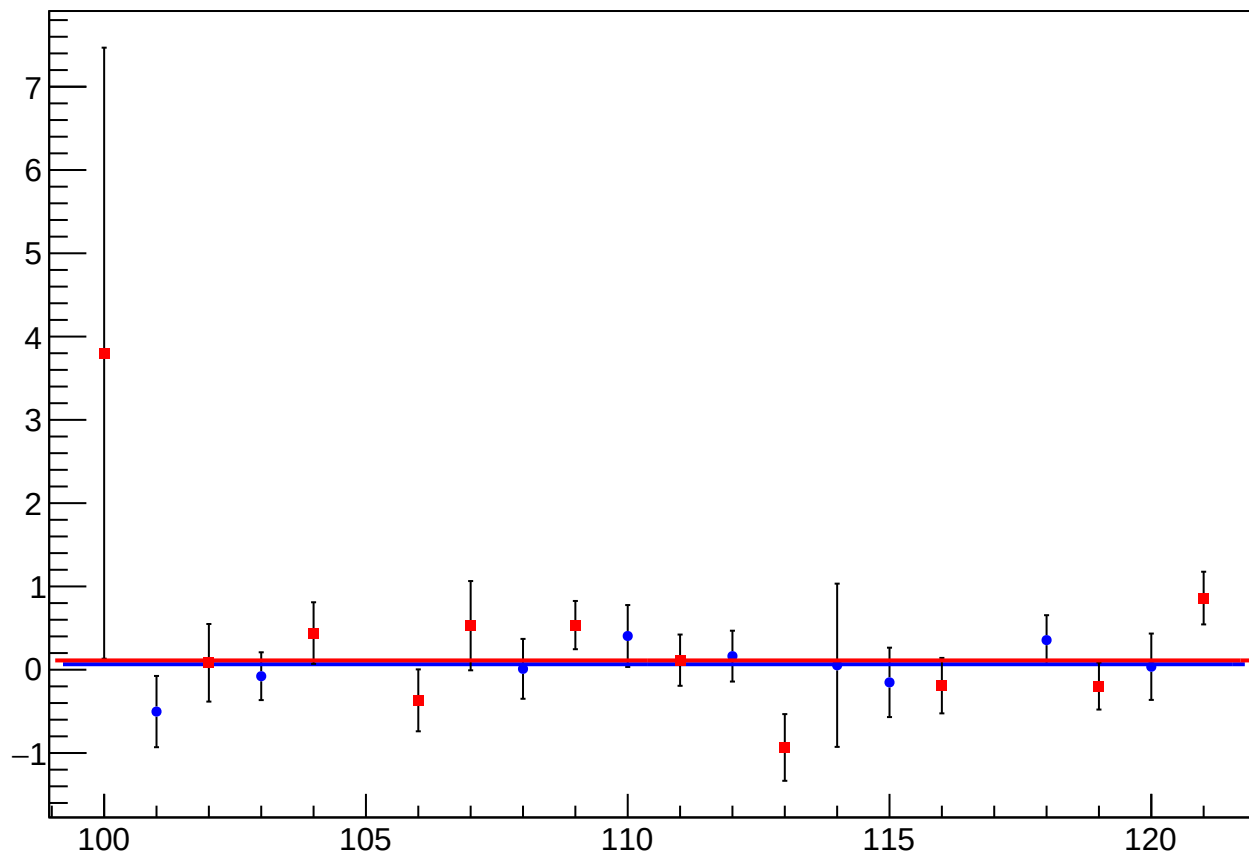
Right: 0.006+/-0.000 χ^2/NDF : 8411922.6/19

In: 0.014+/-0.000 χ^2/NDF :1548784.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8411922.6/19

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

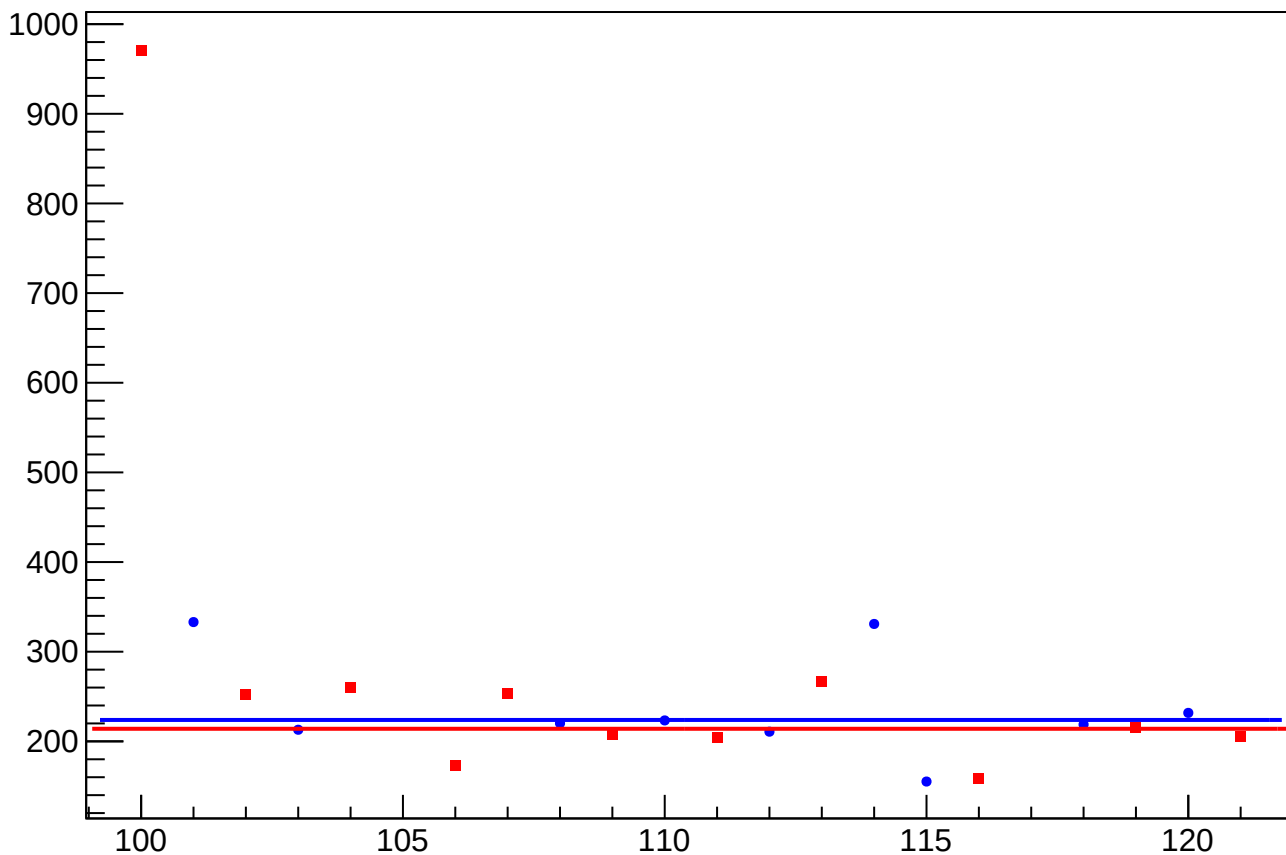
Right: 0.091+/-0.081 χ^2/NDF : 24.9/19

In: 0.066+/-0.122 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.081 χ^2/NDF : 24.9/19

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.876+/-0.086 χ^2/NDF : 216631.2/8

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

Right Out: 214.029+/-0.078 χ^2/NDF : 257662.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

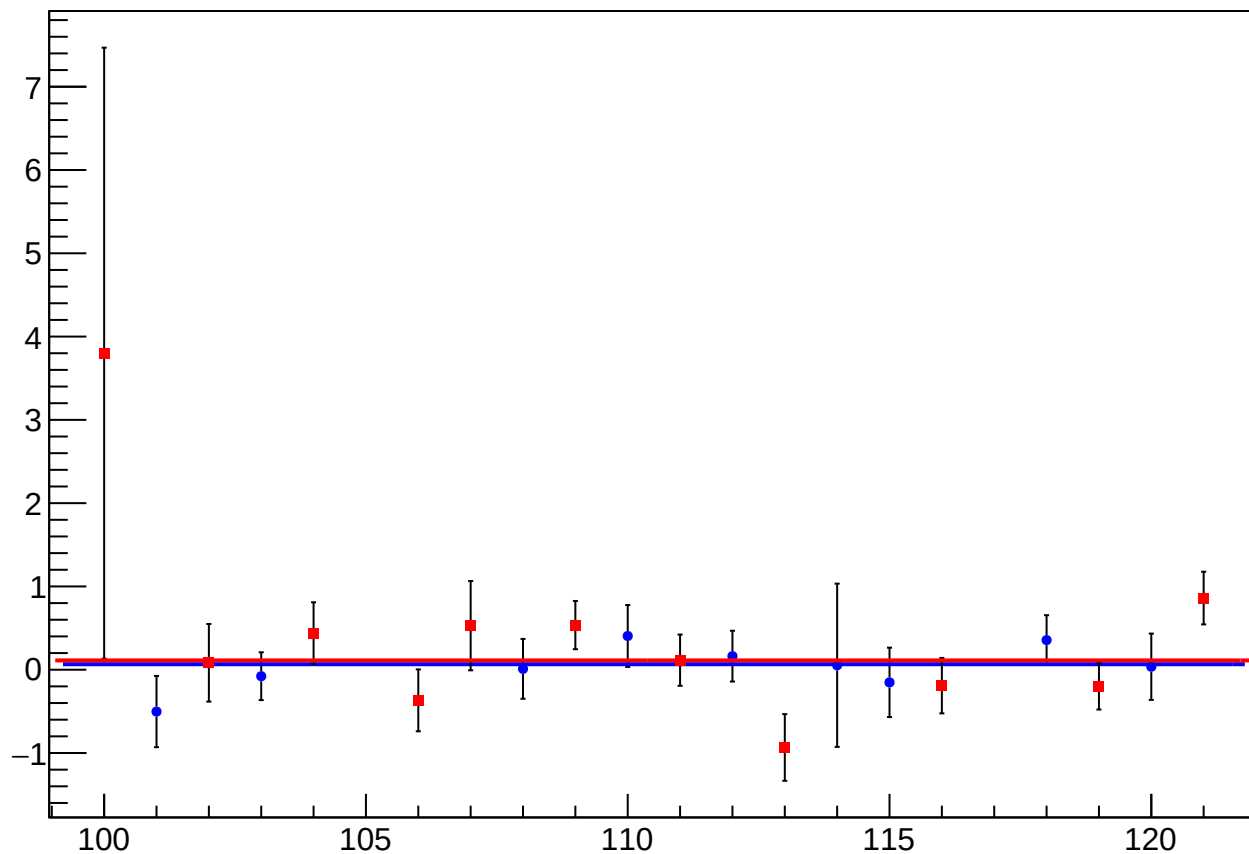
Right: 218.450+/-0.058 χ^2/NDF : 481518.7/19

In: 223.876+/-0.086 χ^2/NDF : 216631.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.450+/-0.058 χ^2/NDF : 481518.7/19

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

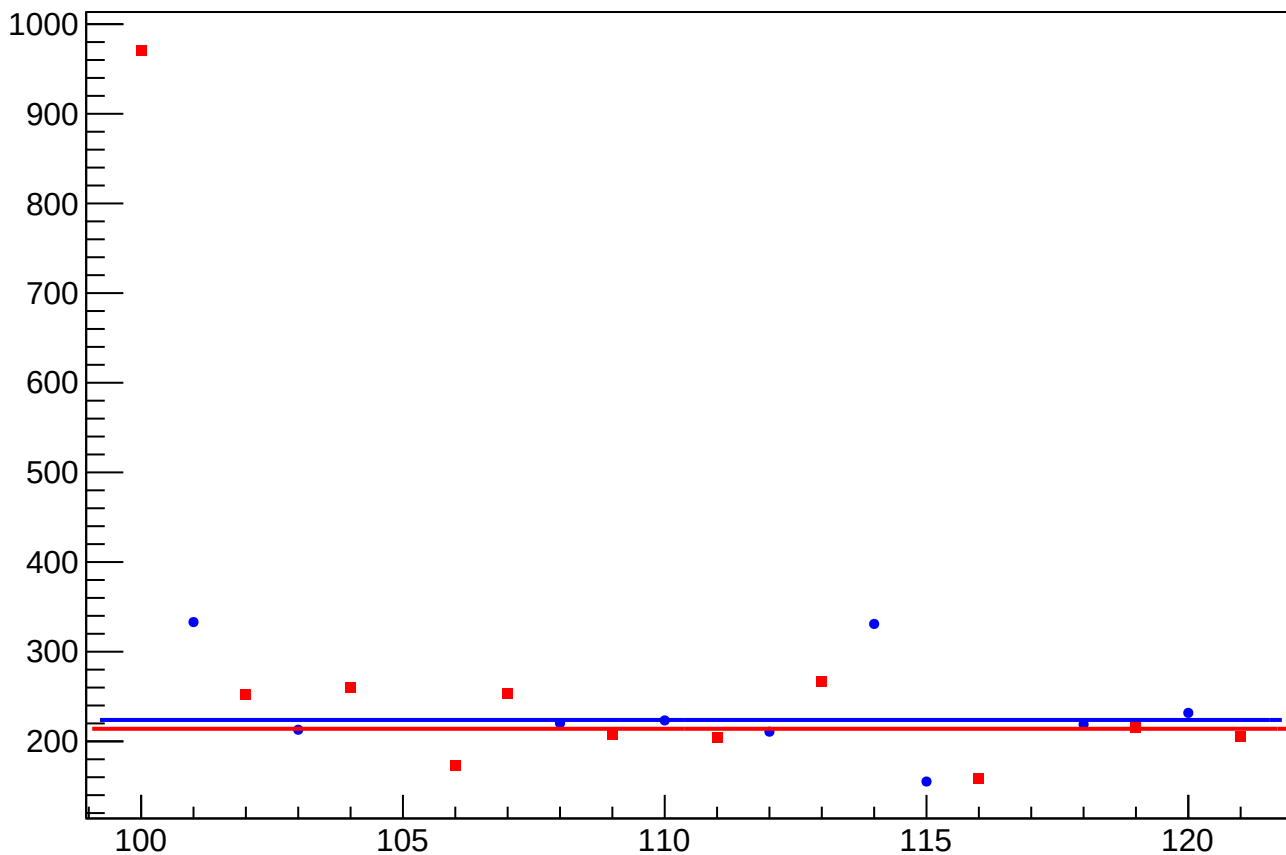
Right: 0.091+/-0.081 χ^2/NDF : 24.9/19

In: 0.066+/-0.122 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.081 χ^2/NDF : 24.9/19

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.876 +/- 0.086 χ^2/NDF : 216631.2/8

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

Right Out: 214.029 +/- 0.078 χ^2/NDF : 257662.2/10

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

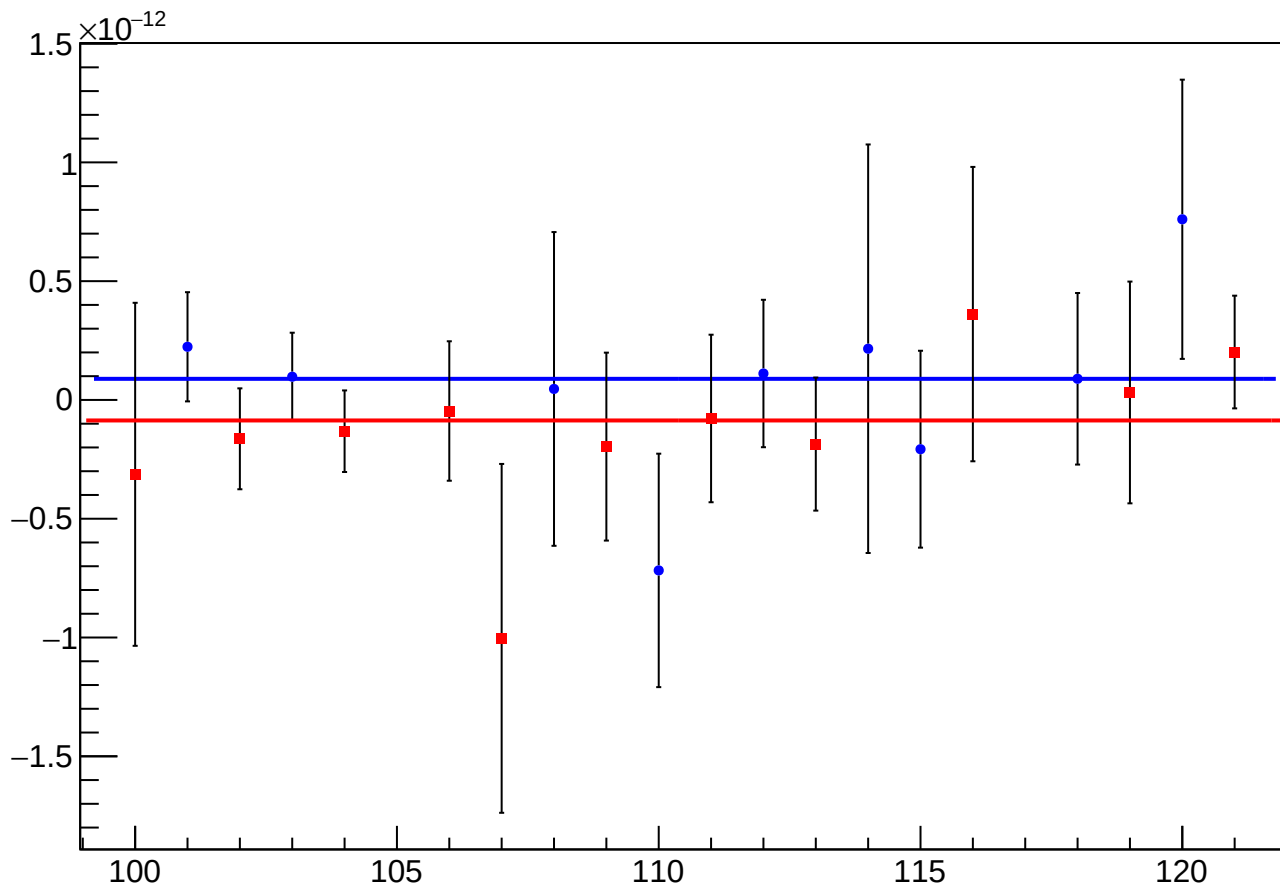
Right: 218.450 +/- 0.058 χ^2/NDF : 481518.7/19

In: 223.876 +/- 0.086 χ^2/NDF : 216631.2/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 218.450 +/- 0.058 χ^2/NDF : 481518.7/19

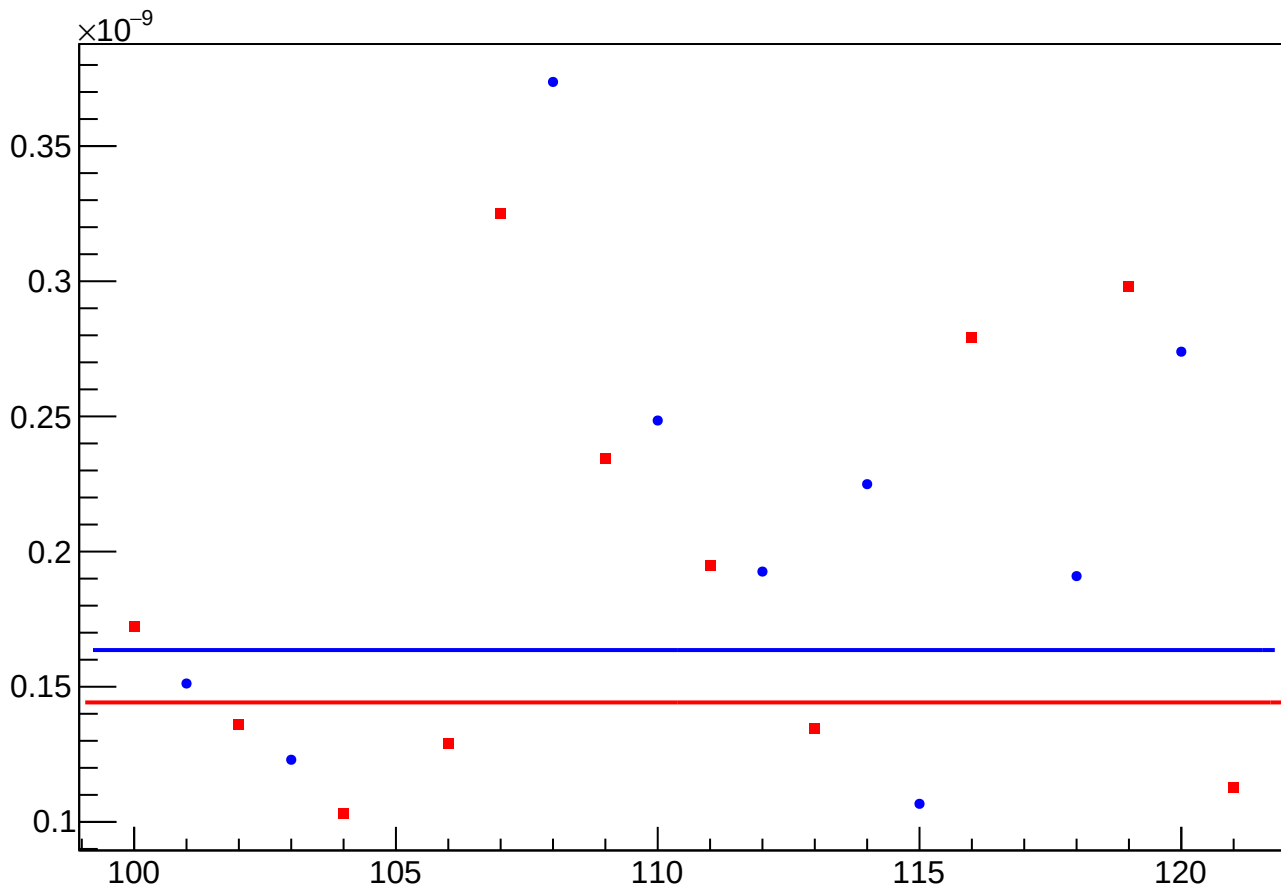
asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 10.6/19
 In: 0.000+/-0.000 χ^2/NDF : 4.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 10.6/19

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511463.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 742276.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

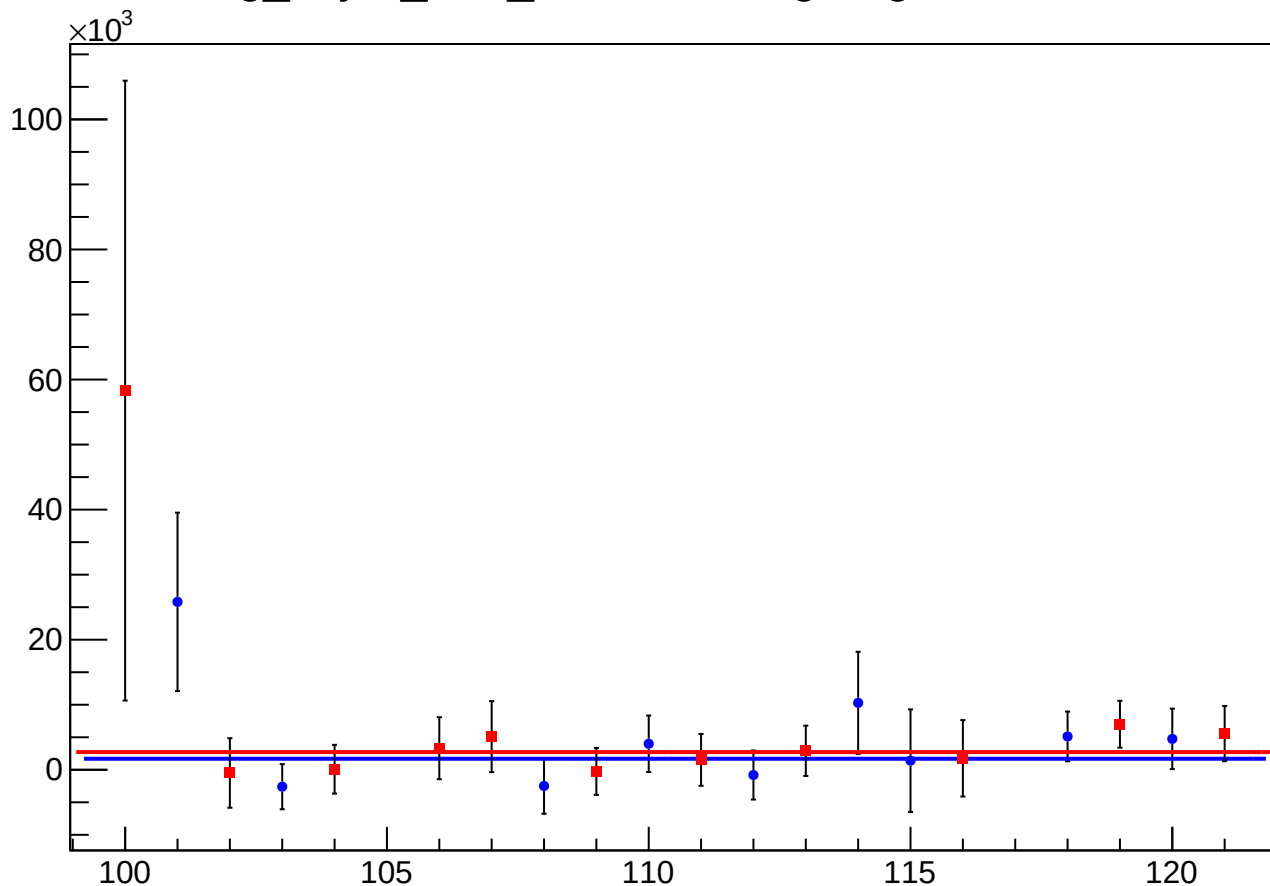
Right: 0.000+/-0.000 χ^2/NDF : 1290908.4/19

In: 0.000+/-0.000 χ^2/NDF : 511463.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1290908.4/19

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1697.457+/-1555.380 χ^2/NDF : 8.7/8

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

Right Out: 2720.907+/-1345.164 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

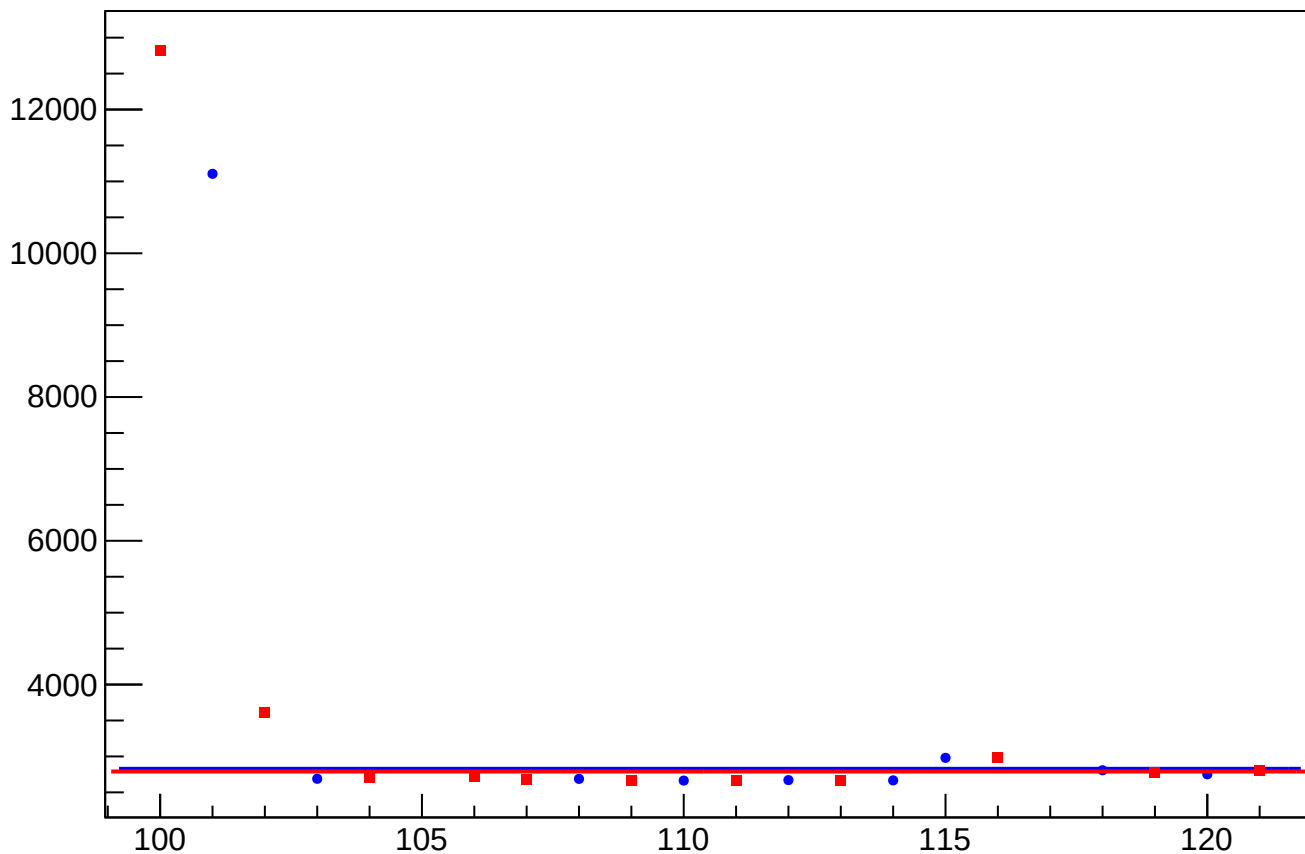
Right: 2282.969+/-1017.442 χ^2/NDF : 14.1/19

In: 1697.457+/-1555.380 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.969+/-1017.442 χ^2/NDF : 14.1/19

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.836+/-1.100 χ^2/NDF : 742298.3/8

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

Right Out: 2790.077+/-0.951 χ^2/NDF : 146246.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

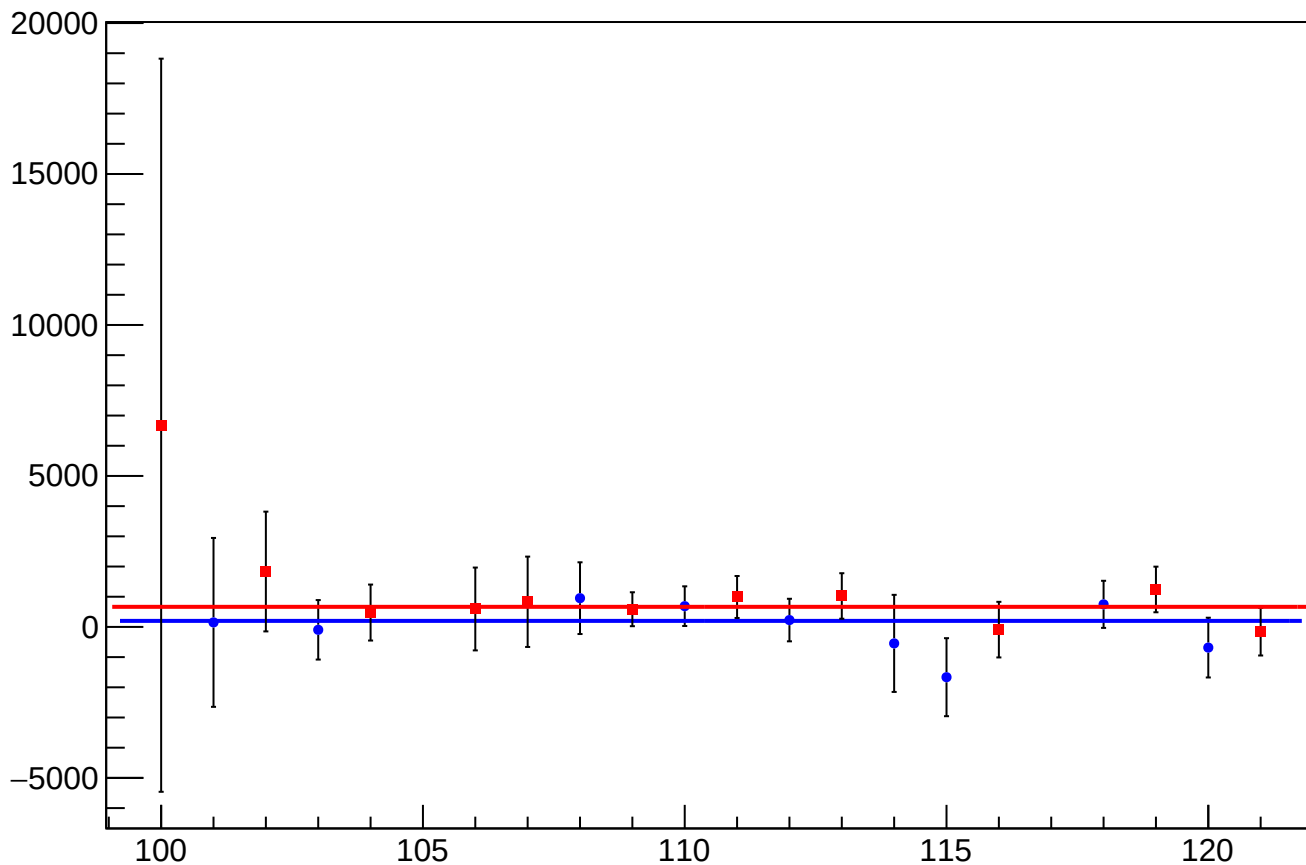
Right: 2806.234+/-0.719 χ^2/NDF : 889219.5/19

In: 2827.836+/-1.100 χ^2/NDF : 742298.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2806.234+/-0.719 χ^2/NDF : 889219.5/19

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 199.840+/-318.626 χ^2/NDF : 4.6/8

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

Right Out: 665.394+/-267.783 χ^2/NDF : 3.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

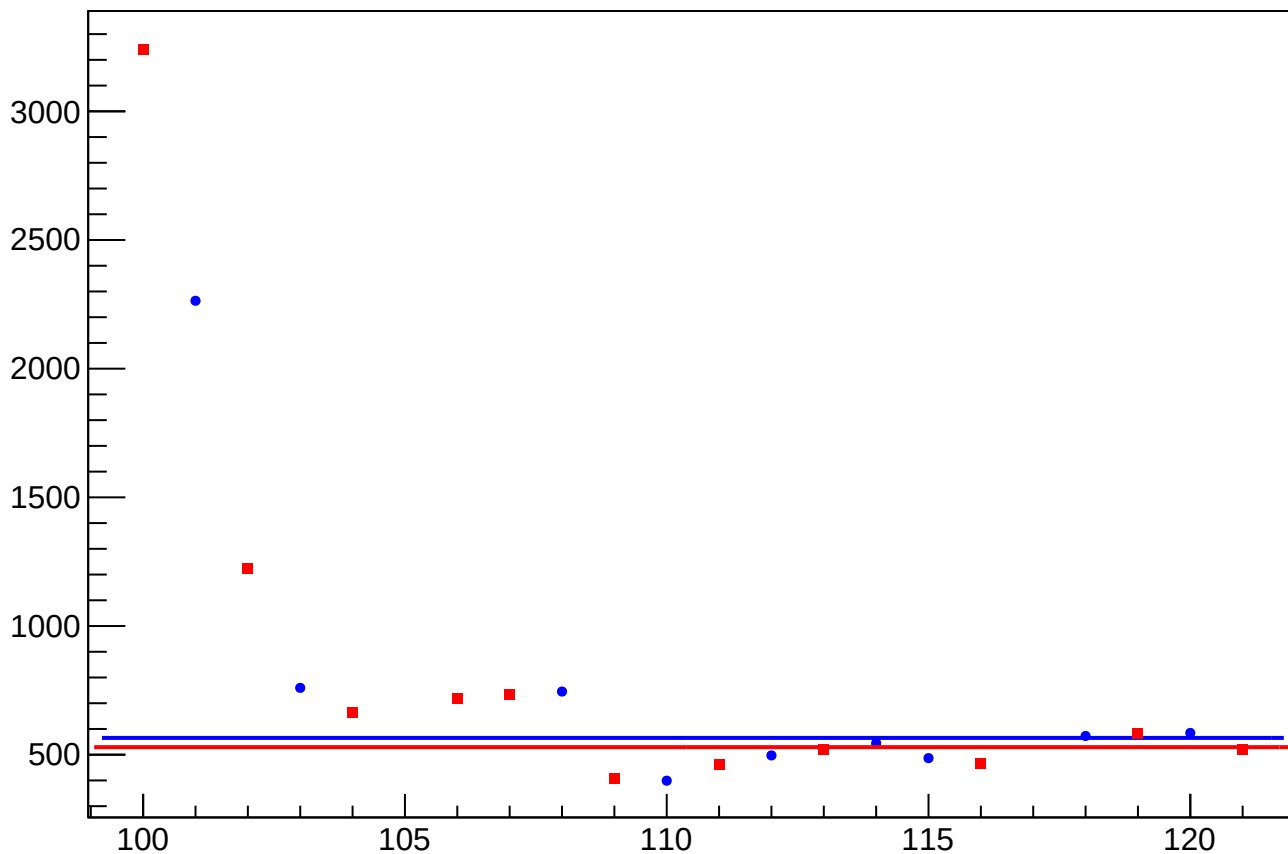
Right: 472.680+/-204.999 χ^2/NDF : 9.4/19

In: 199.840+/-318.626 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.680+/-204.999 χ^2/NDF : 9.4/19

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 565.243+/-0.225 χ^2/NDF : 1016882.1/8

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

Right Out: 529.350+/-0.189 χ^2/NDF : 596331.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

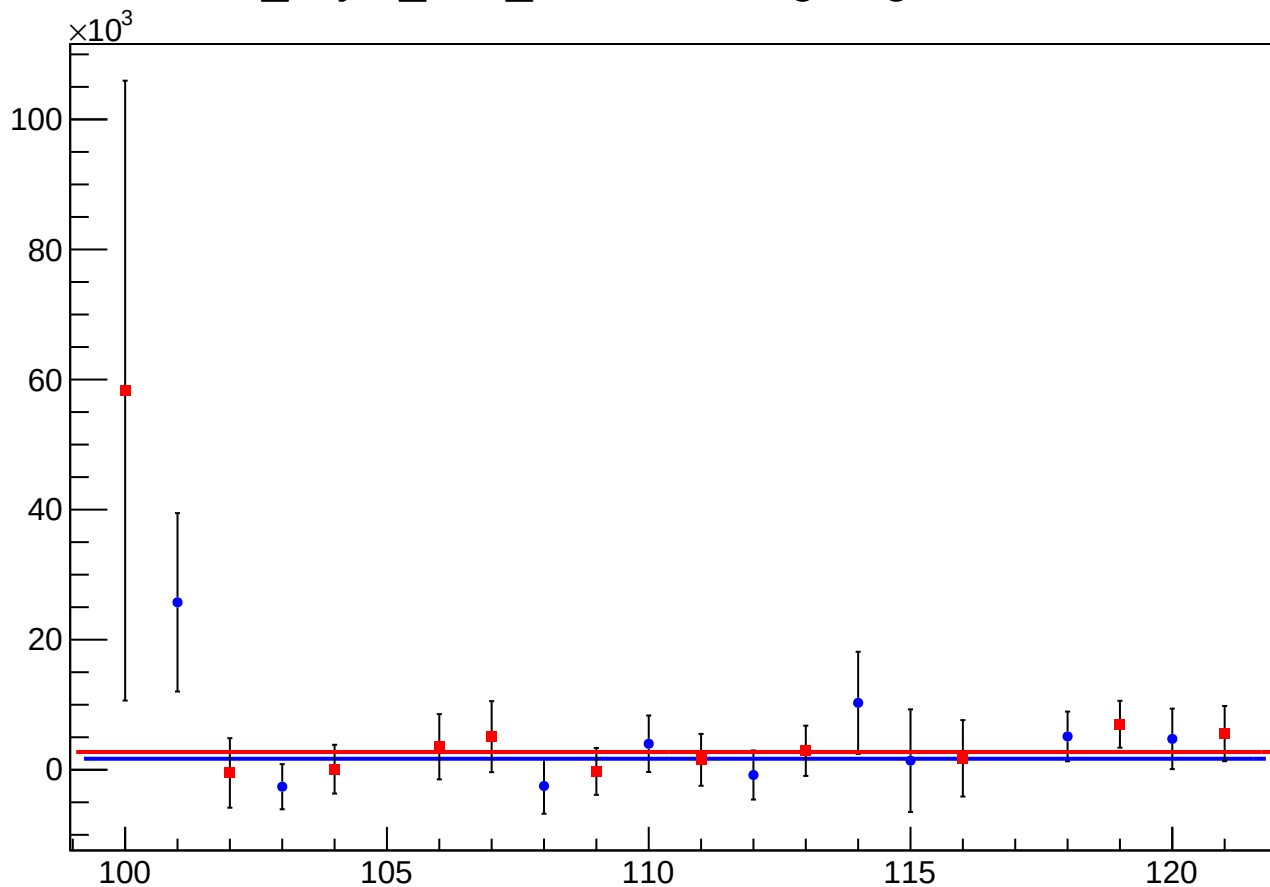
Right: 544.208+/-0.145 χ^2/NDF : 1628087.5/19

In: 565.243+/-0.225 χ^2/NDF :1016882.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 544.208+/-0.145 χ^2/NDF : 1628087.5/19

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

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

Right Out: 2733.550+/-1350.405 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

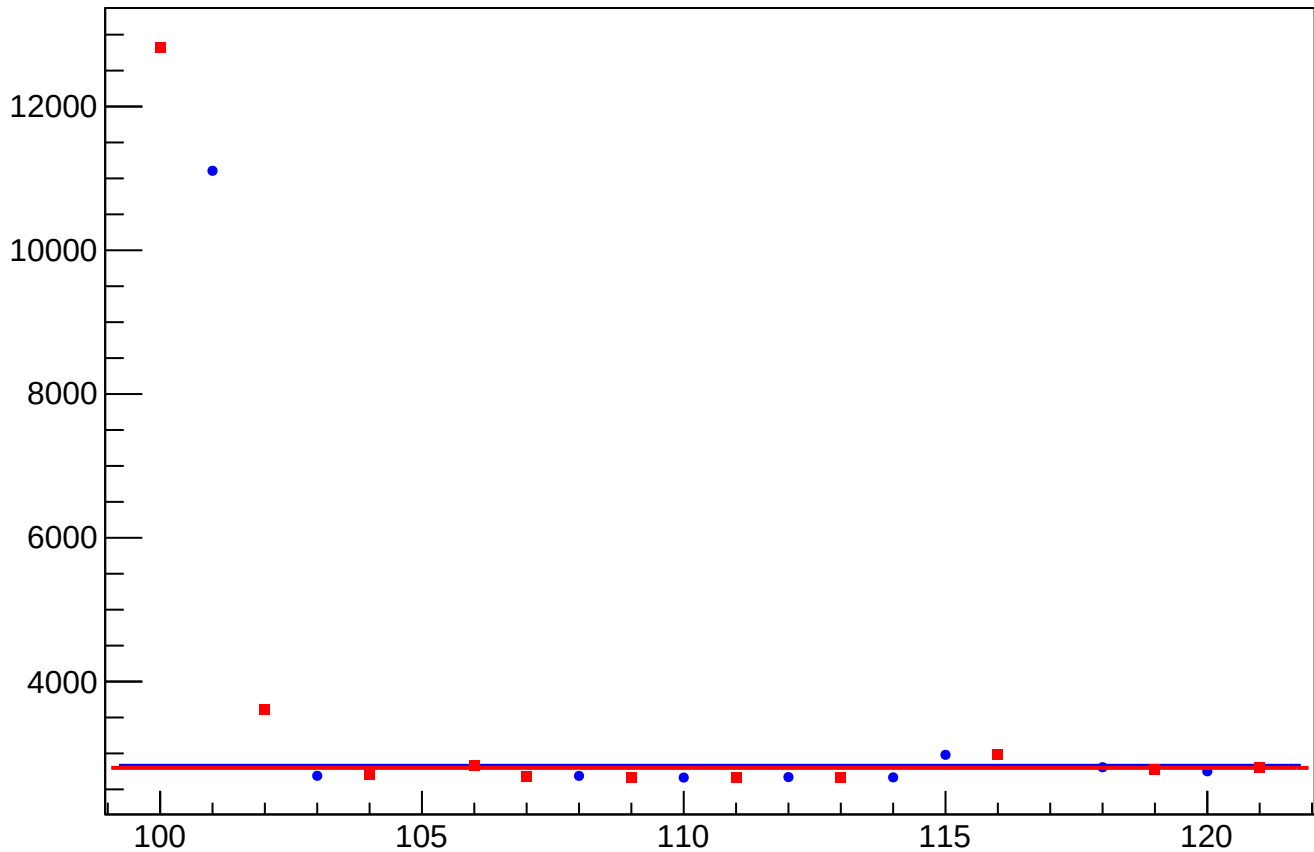
Right: 2287.693+/-1019.704 χ^2/NDF : 14.1/19

In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.693+/-1019.704 χ^2/NDF : 14.1/19

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

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

Right Out: 2799.122+/-0.955 χ^2/NDF : 145931.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

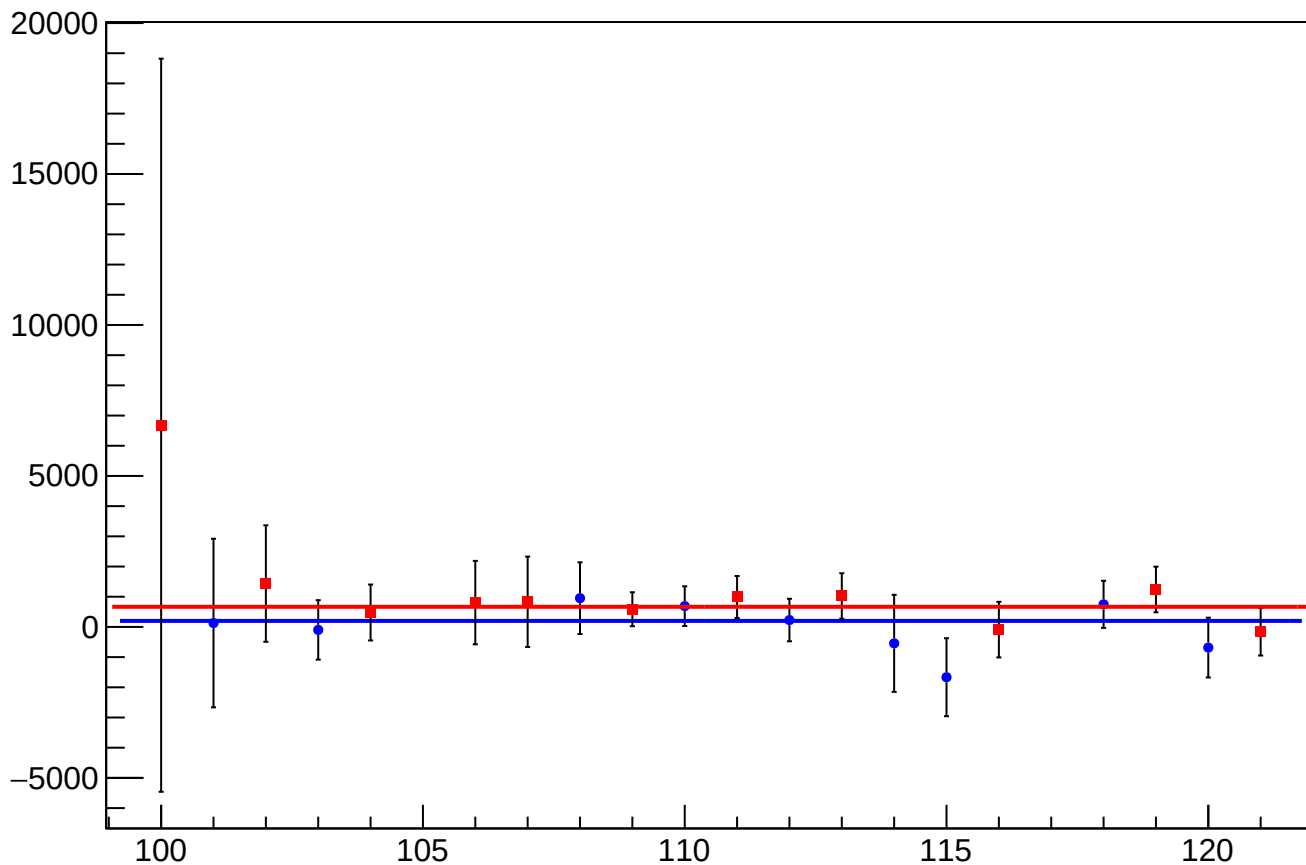
Right: 2811.464+/-0.721 χ^2/NDF : 888617.2/19

In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.464+/-0.721 χ^2/NDF : 888617.2/19

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.449+/-318.610 χ^2/NDF : 4.6/8

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

Right Out: 666.940+/-267.696 χ^2/NDF : 3.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

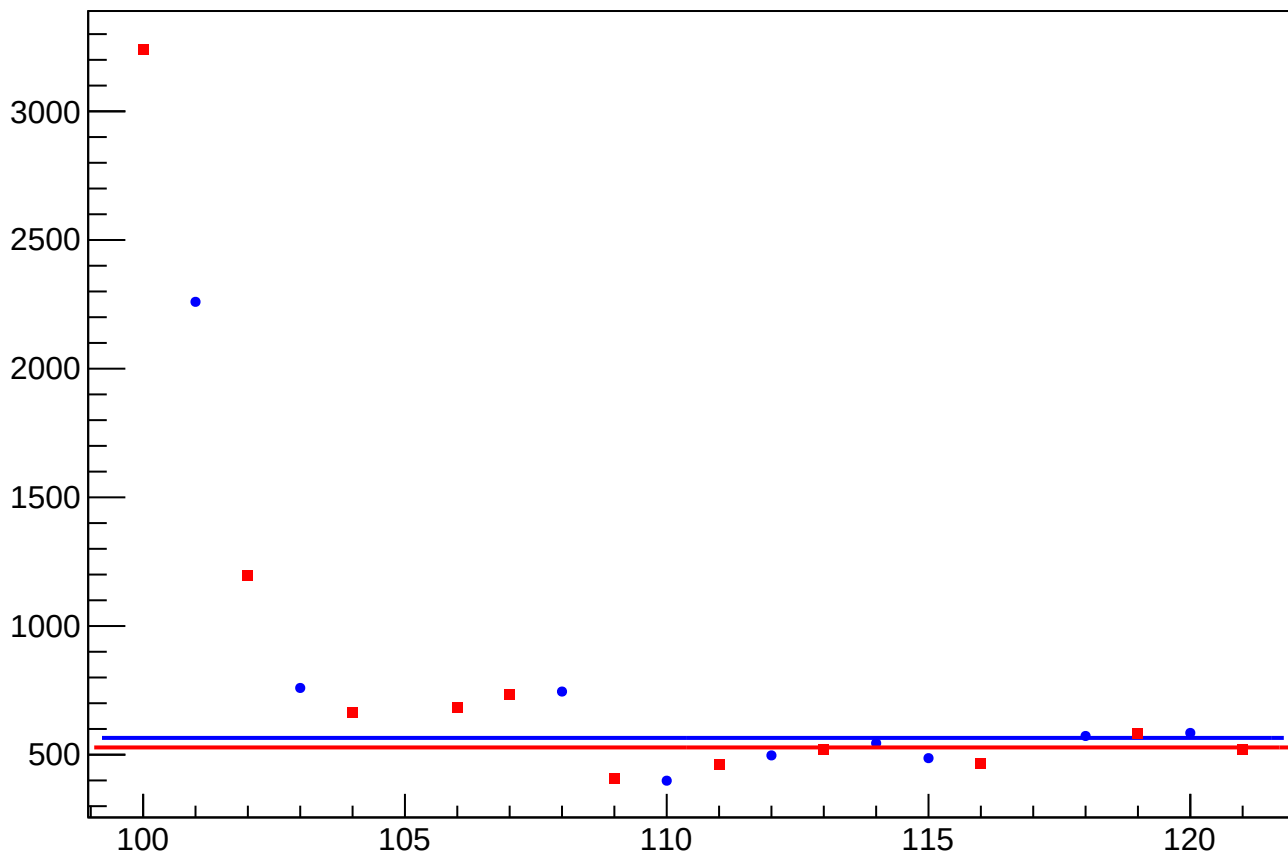
Right: 473.488+/-204.956 χ^2/NDF : 9.2/19

In: 199.449+/-318.610 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.488+/-204.956 χ^2/NDF : 9.2/19

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

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

Right Out: 528.216+/-0.189 χ^2/NDF : 579509.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

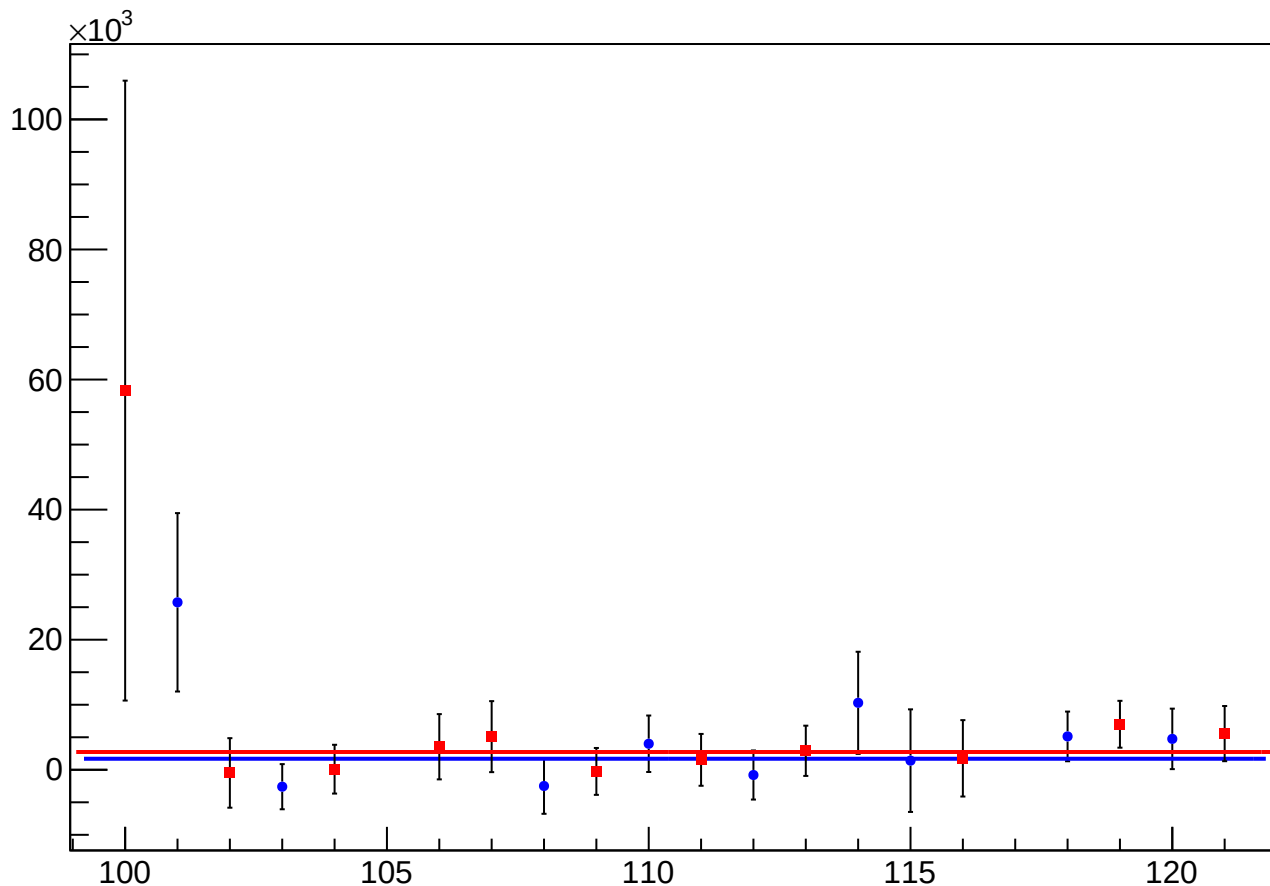
Right: 543.548+/-0.145 χ^2/NDF : 1611244.6/19

In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.548+/-0.145 χ^2/NDF : 1611244.6/19

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

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

Right Out: 2733.550+/-1350.405 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

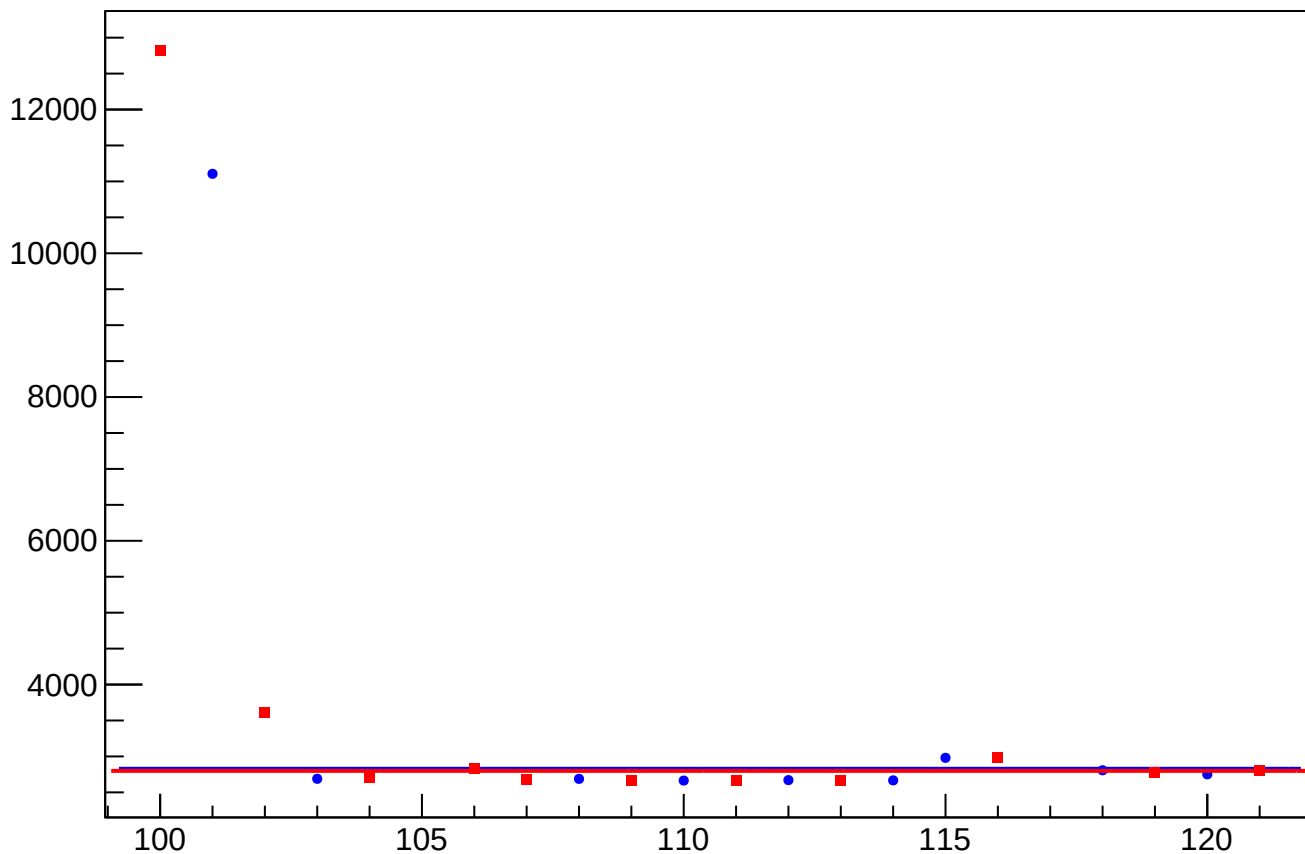
Right: 2287.693+/-1019.704 χ^2/NDF : 14.1/19

In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.693+/-1019.704 χ^2/NDF : 14.1/19

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

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

Right Out: 2799.122+/-0.955 χ^2/NDF : 145931.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

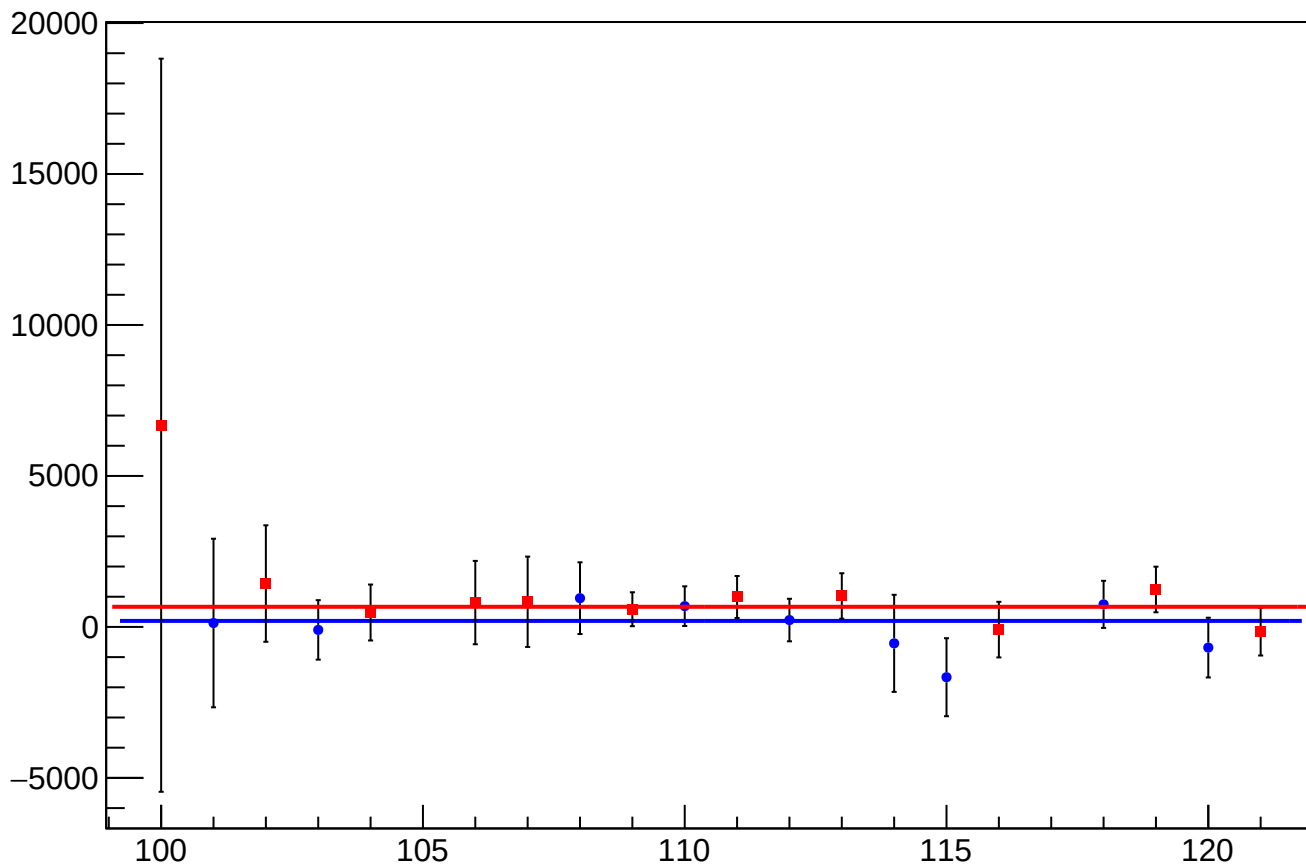
Right: 2811.464+/-0.721 χ^2/NDF : 888617.2/19

In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.464+/-0.721 χ^2/NDF : 888617.2/19

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.449+/-318.610 χ^2/NDF : 4.6/8

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

Right Out: 666.940+/-267.696 χ^2/NDF : 3.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

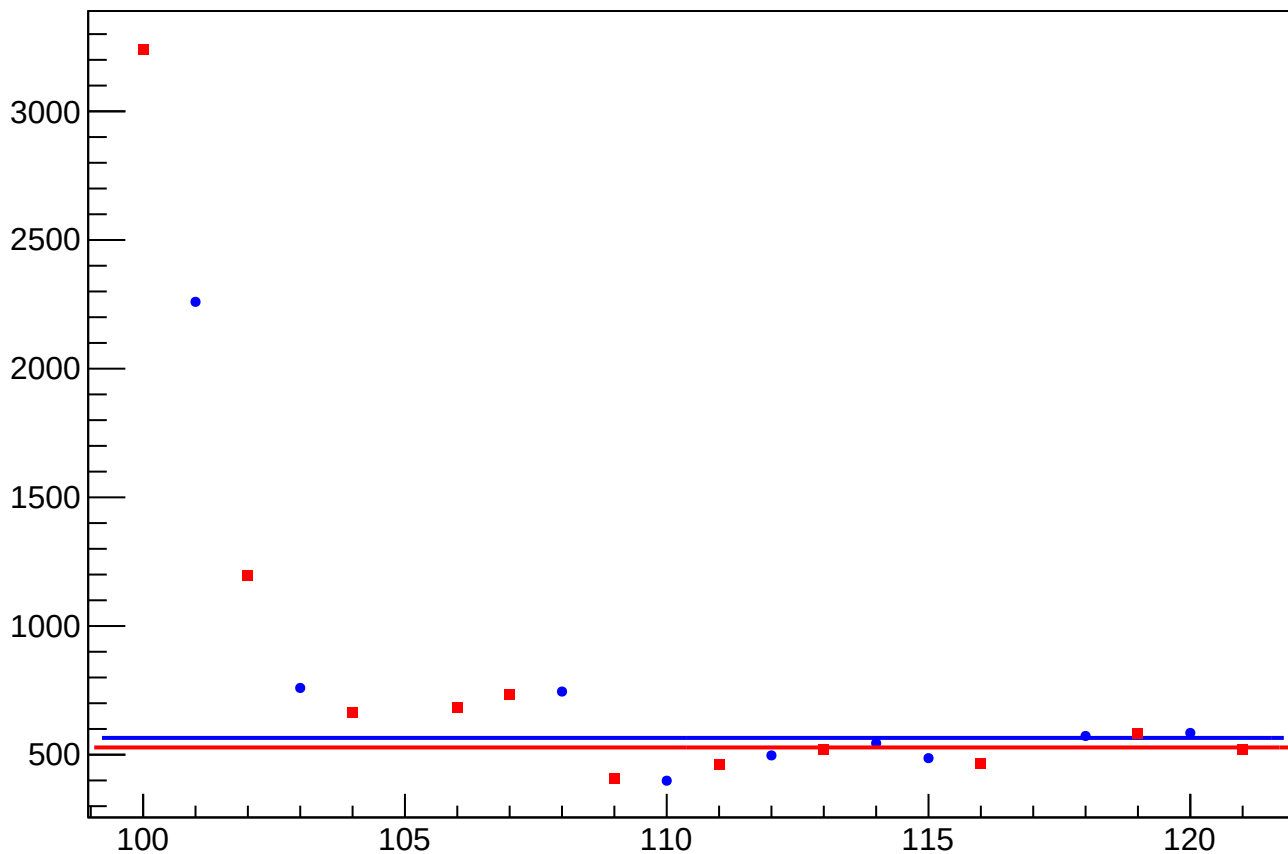
Right: 473.488+/-204.956 χ^2/NDF : 9.2/19

In: 199.449+/-318.610 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.488+/-204.956 χ^2/NDF : 9.2/19

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

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

Right Out: 528.216+/-0.189 χ^2/NDF : 579509.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

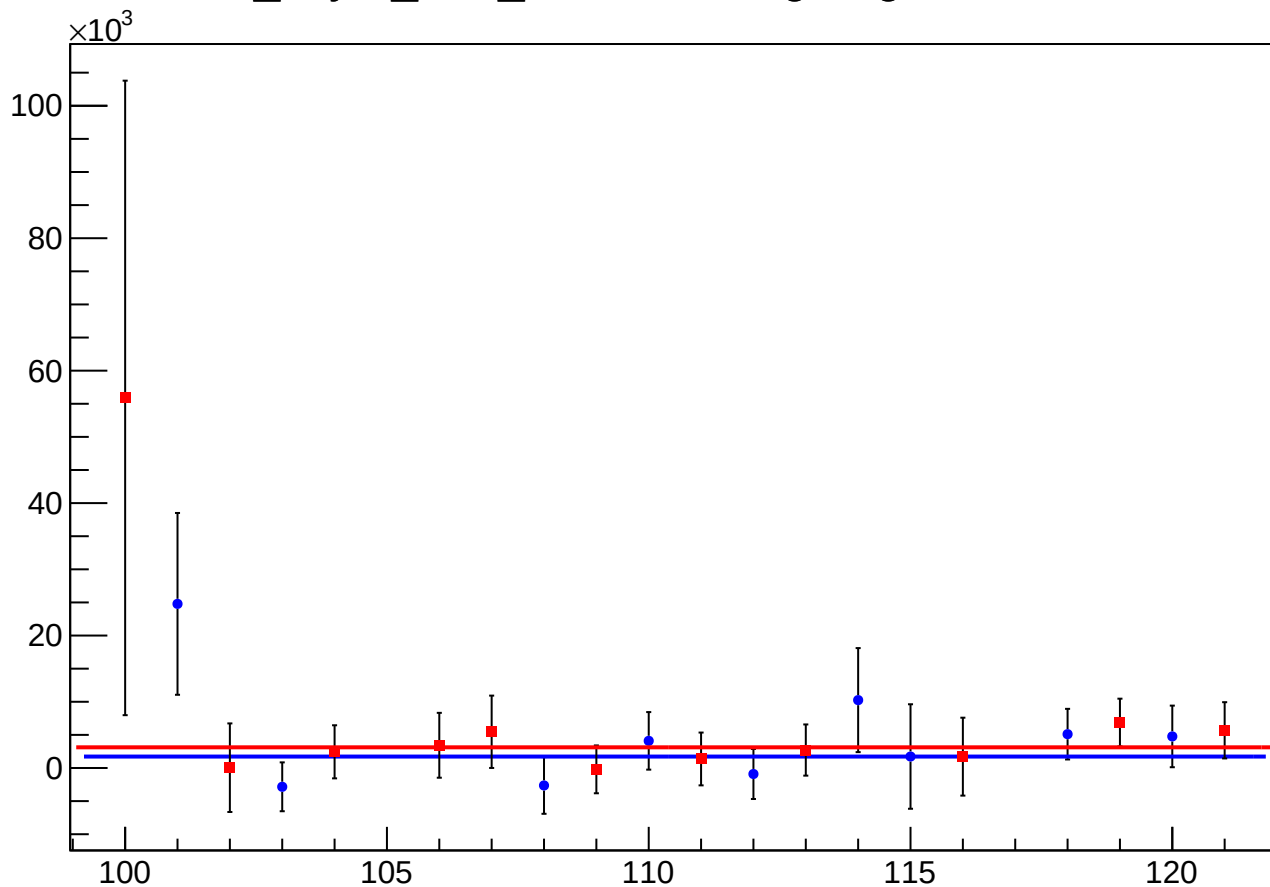
Right: 543.548+/-0.145 χ^2/NDF : 1611244.6/19

In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.548+/-0.145 χ^2/NDF : 1611244.6/19

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1726.653+/-1574.397 χ^2/NDF : 8.6/8

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

Right Out: 3122.357+/-1376.023 χ^2/NDF : 4.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

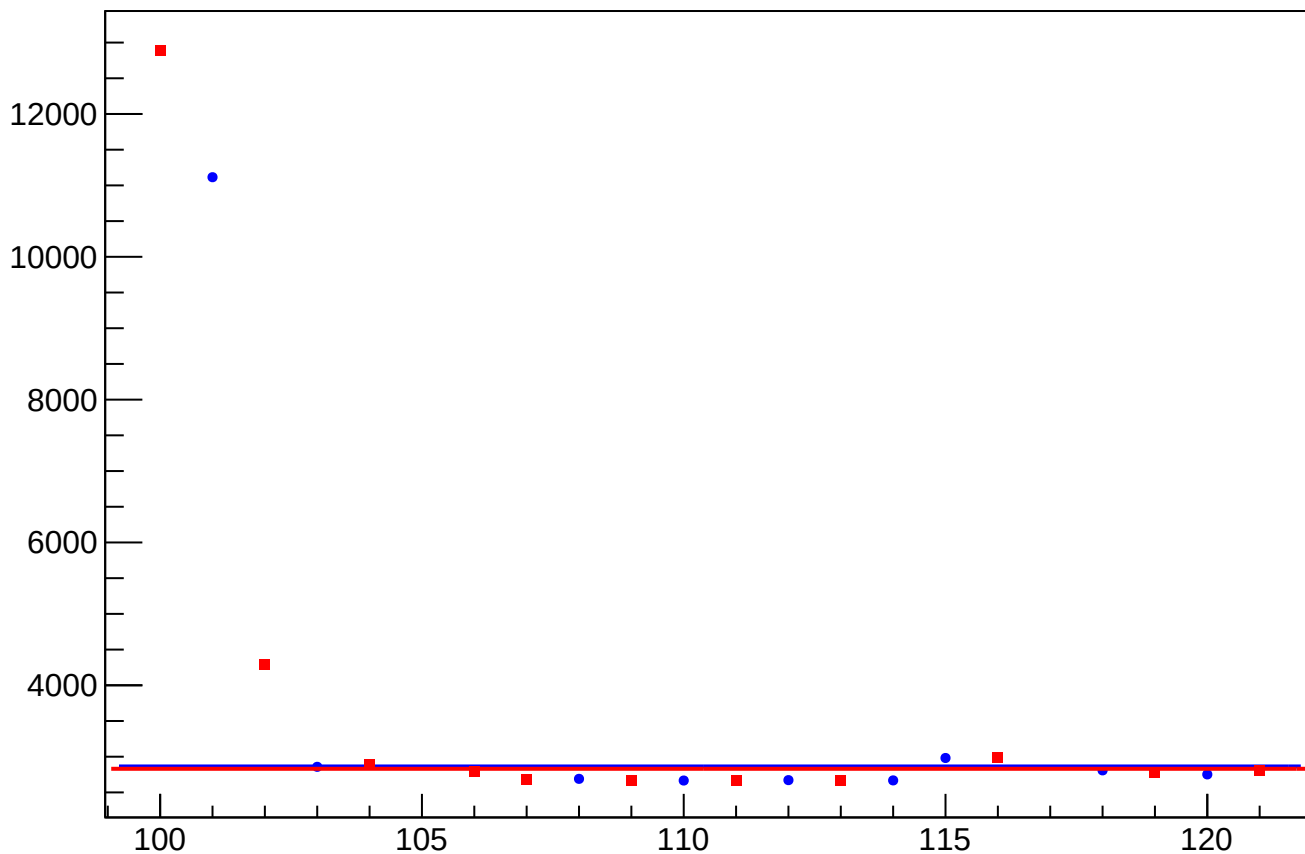
Right: 2517.924+/-1036.076 χ^2/NDF : 13.2/19

In: 1726.653+/-1574.397 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2517.924+/-1036.076 χ^2/NDF : 13.2/19

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

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

Right Out: 2830.704+/-0.973 χ^2/NDF : 199146.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

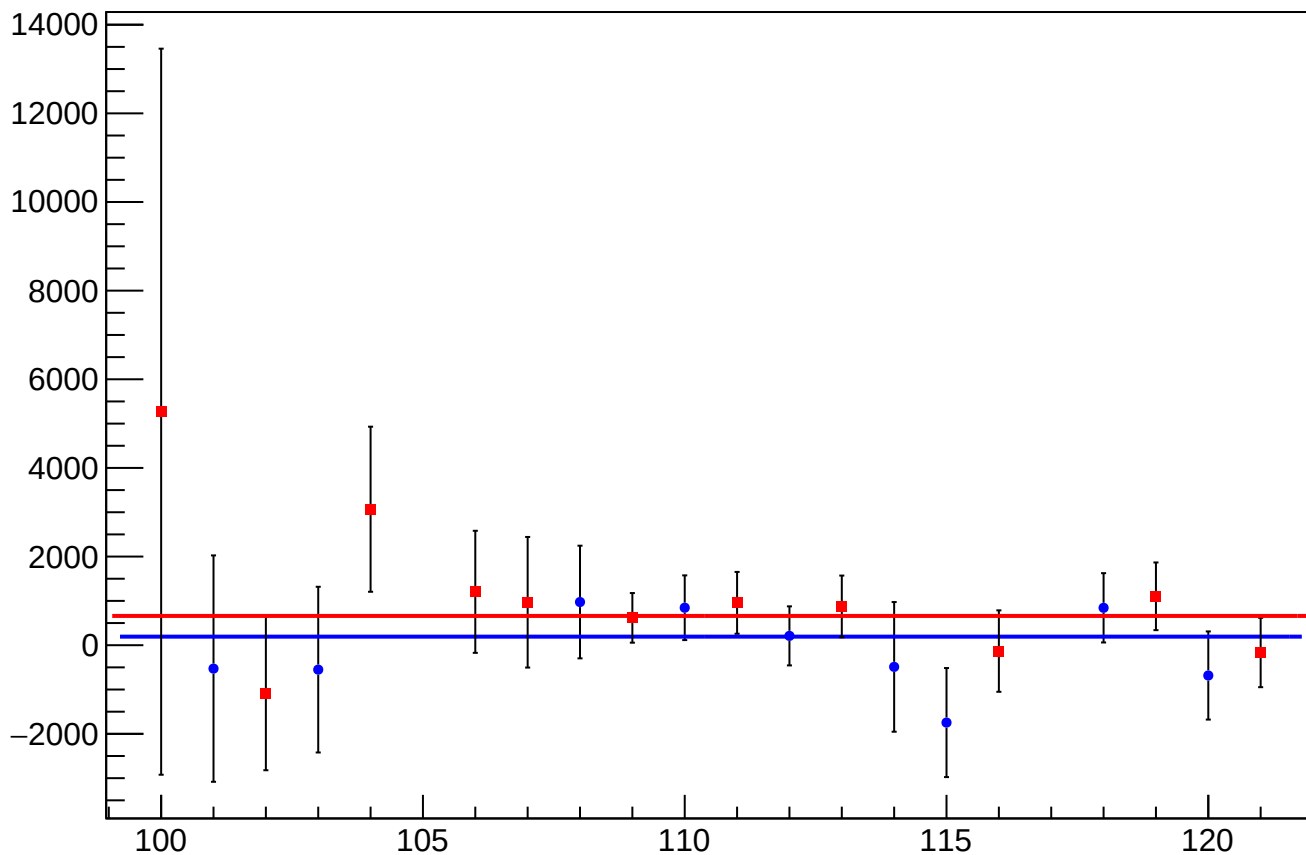
Right: 2844.784+/-0.733 χ^2/NDF : 938019.0/19

In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2844.784+/-0.733 χ^2/NDF : 938019.0/19

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.304+/-334.032 χ^2/NDF : 5.6/8

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

Right Out: 660.590+/-272.505 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

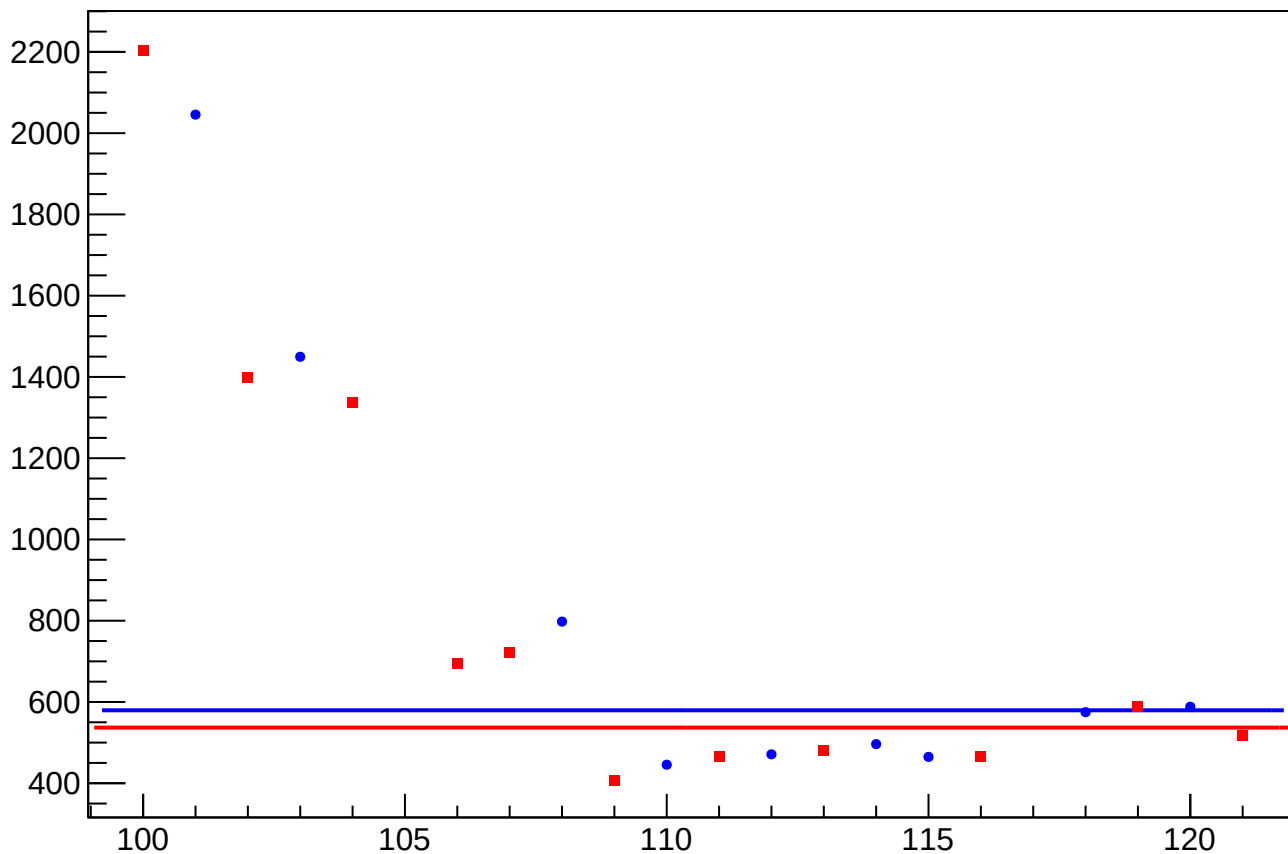
Right: 473.865+/-211.153 χ^2/NDF : 12.4/19

In: 193.304+/-334.032 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.865+/-211.153 χ^2/NDF : 12.4/19

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.516+/-0.236 χ^2/NDF : 1295535.9/8

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

Right Out: 536.951+/-0.193 χ^2/NDF : 1166537.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

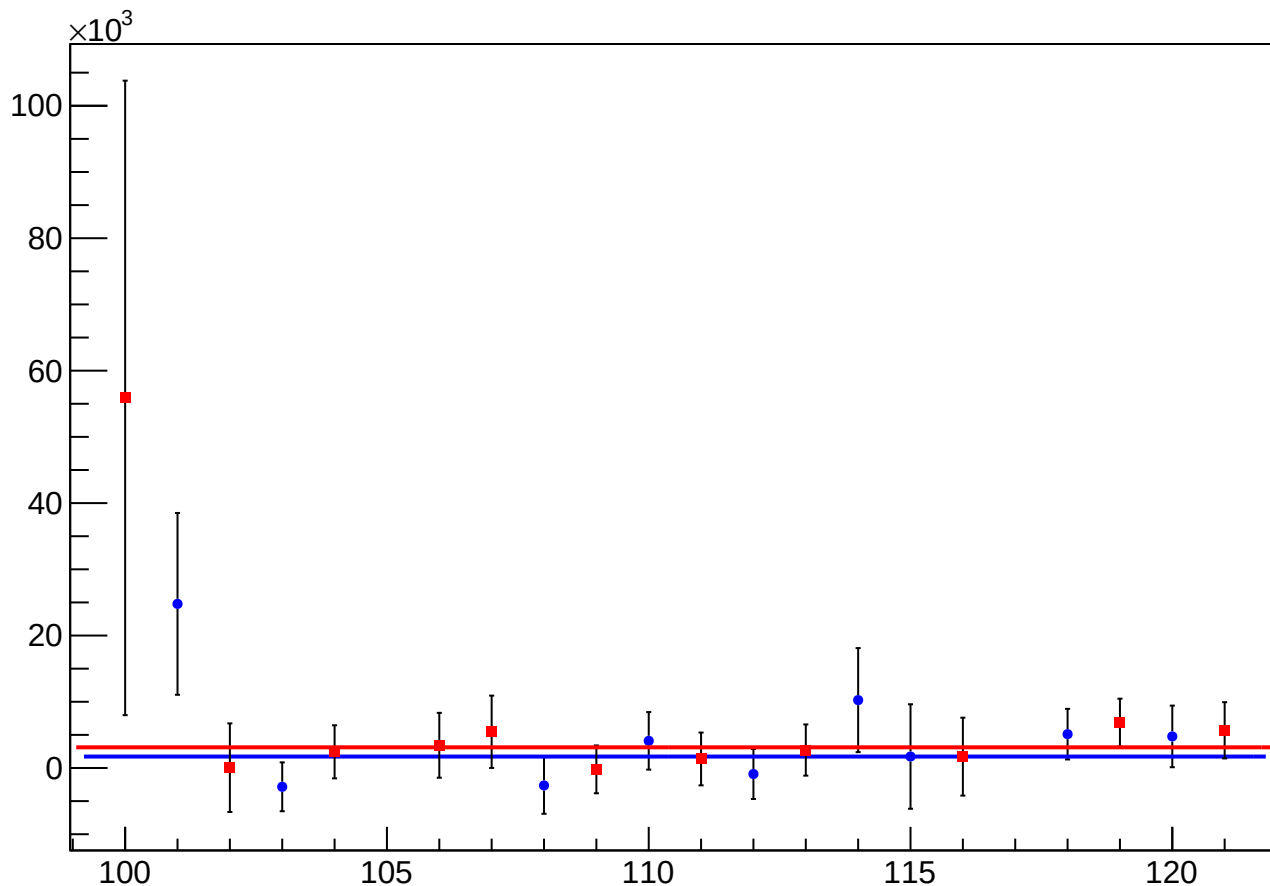
Right: 553.960+/-0.149 χ^2/NDF : 2481572.0/19

In: 579.516+/-0.236 χ^2/NDF : 1295535.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.960+/-0.149 χ^2/NDF : 2481572.0/19

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1726.653+/-1574.397 χ^2/NDF : 8.6/8

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

Right Out: 3122.355+/-1376.023 χ^2/NDF : 4.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

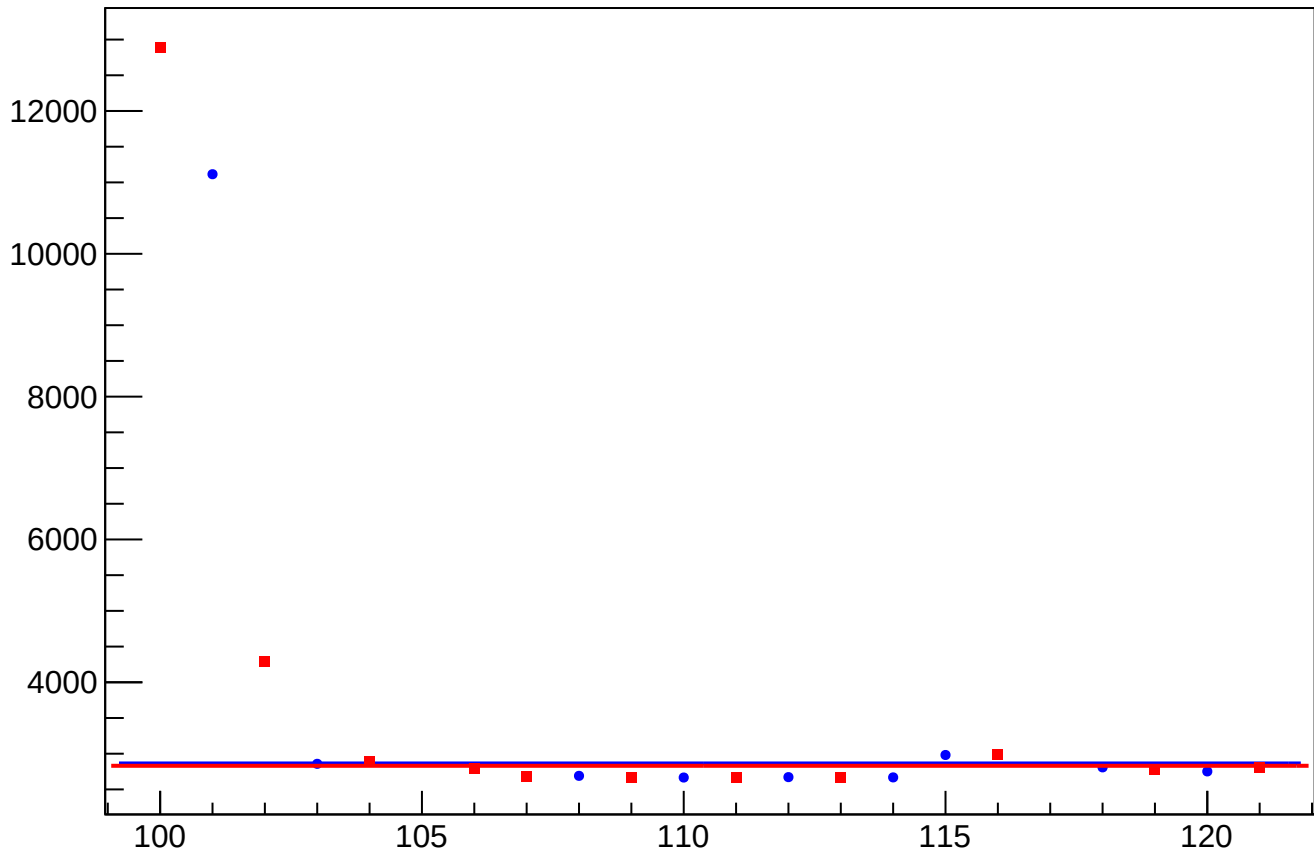
Right: 2517.923+/-1036.076 χ^2/NDF : 13.2/19

In: 1726.653+/-1574.397 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2517.923+/-1036.076 χ^2/NDF : 13.2/19

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

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

Right Out: 2830.704+/-0.973 χ^2/NDF : 199146.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

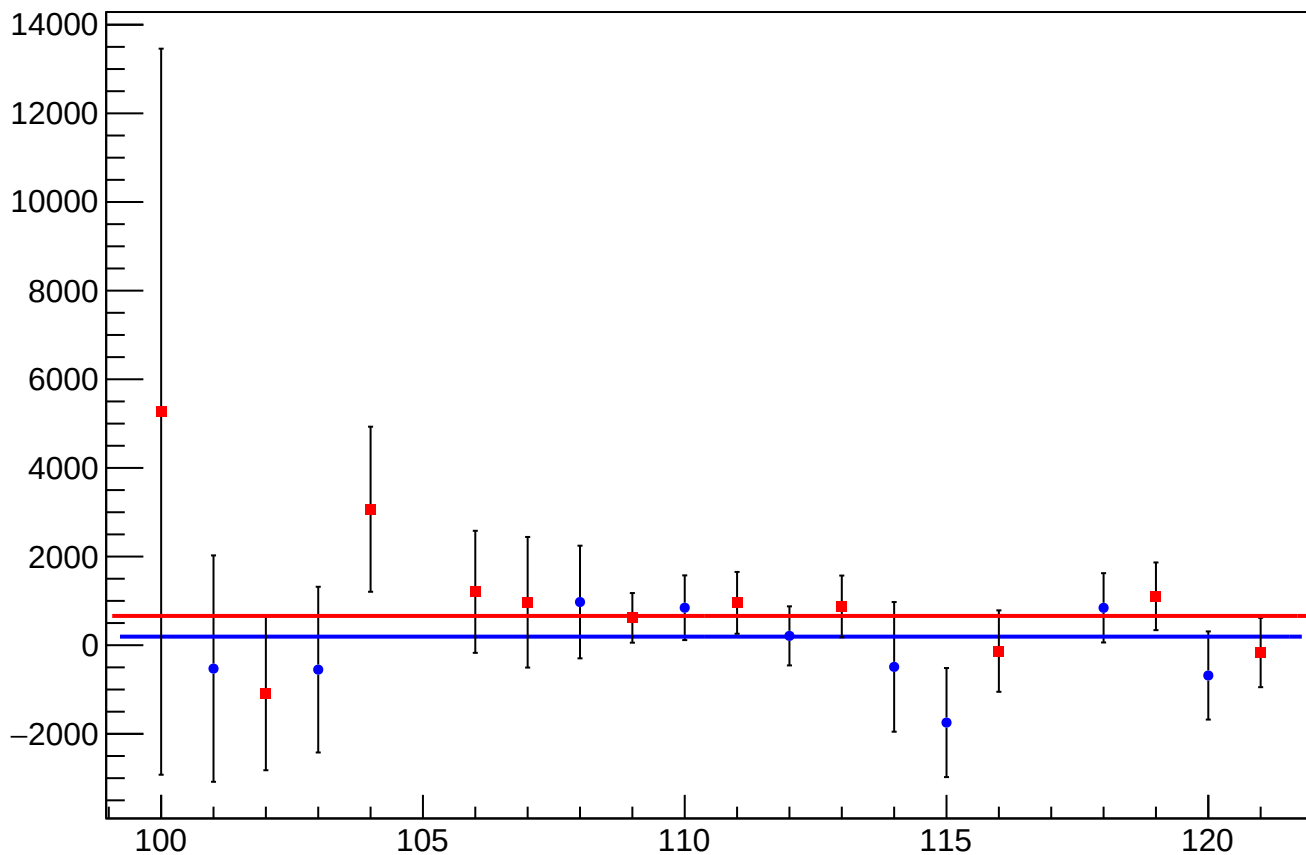
Right: 2844.784+/-0.733 χ^2/NDF : 938018.8/19

In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2844.784+/-0.733 χ^2/NDF : 938018.8/19

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.305+/-334.032 χ^2/NDF : 5.6/8

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

Right Out: 660.590+/-272.505 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

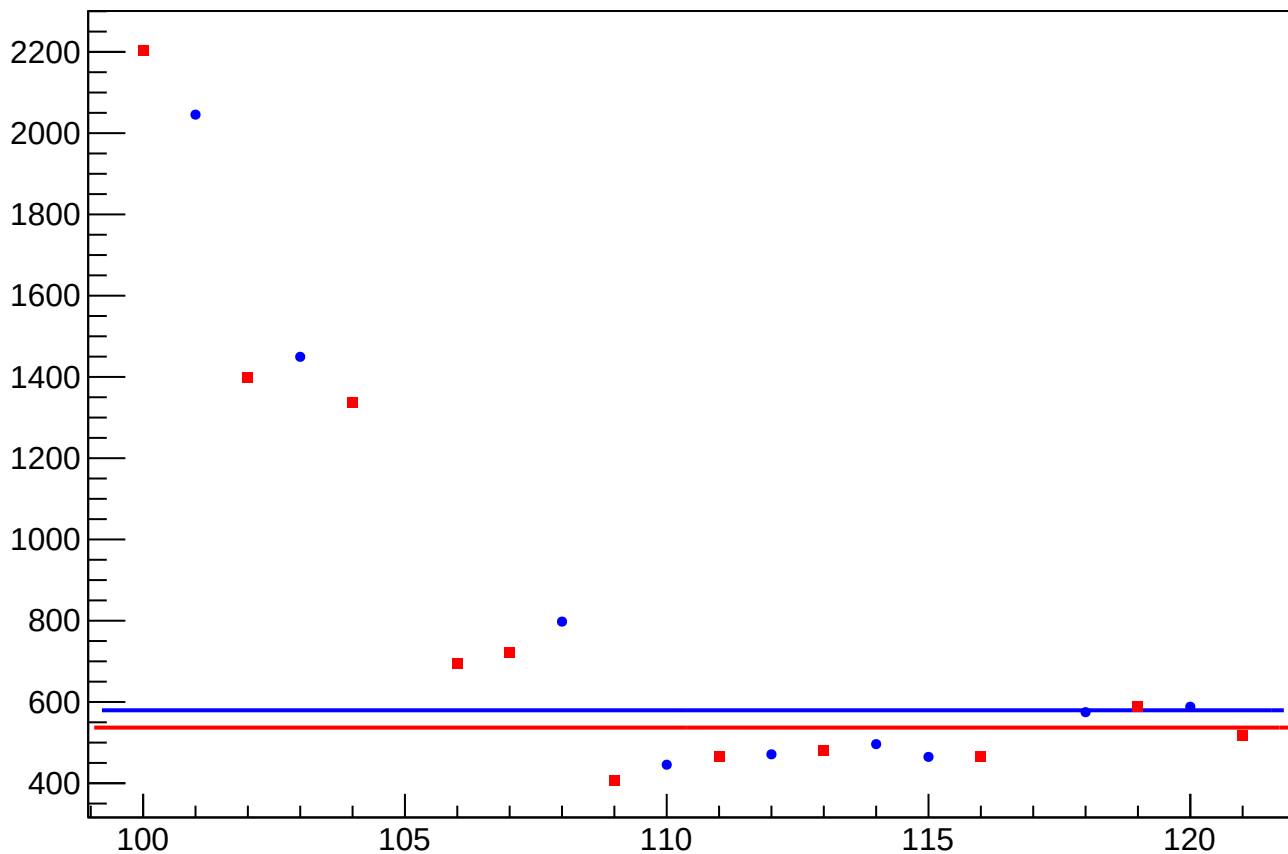
Right: 473.865+/-211.153 χ^2/NDF : 12.4/19

In: 193.305+/-334.032 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.865+/-211.153 χ^2/NDF : 12.4/19

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.517+/-0.236 χ^2/NDF : 1295528.9/8

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

Right Out: 536.951+/-0.193 χ^2/NDF : 1166532.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

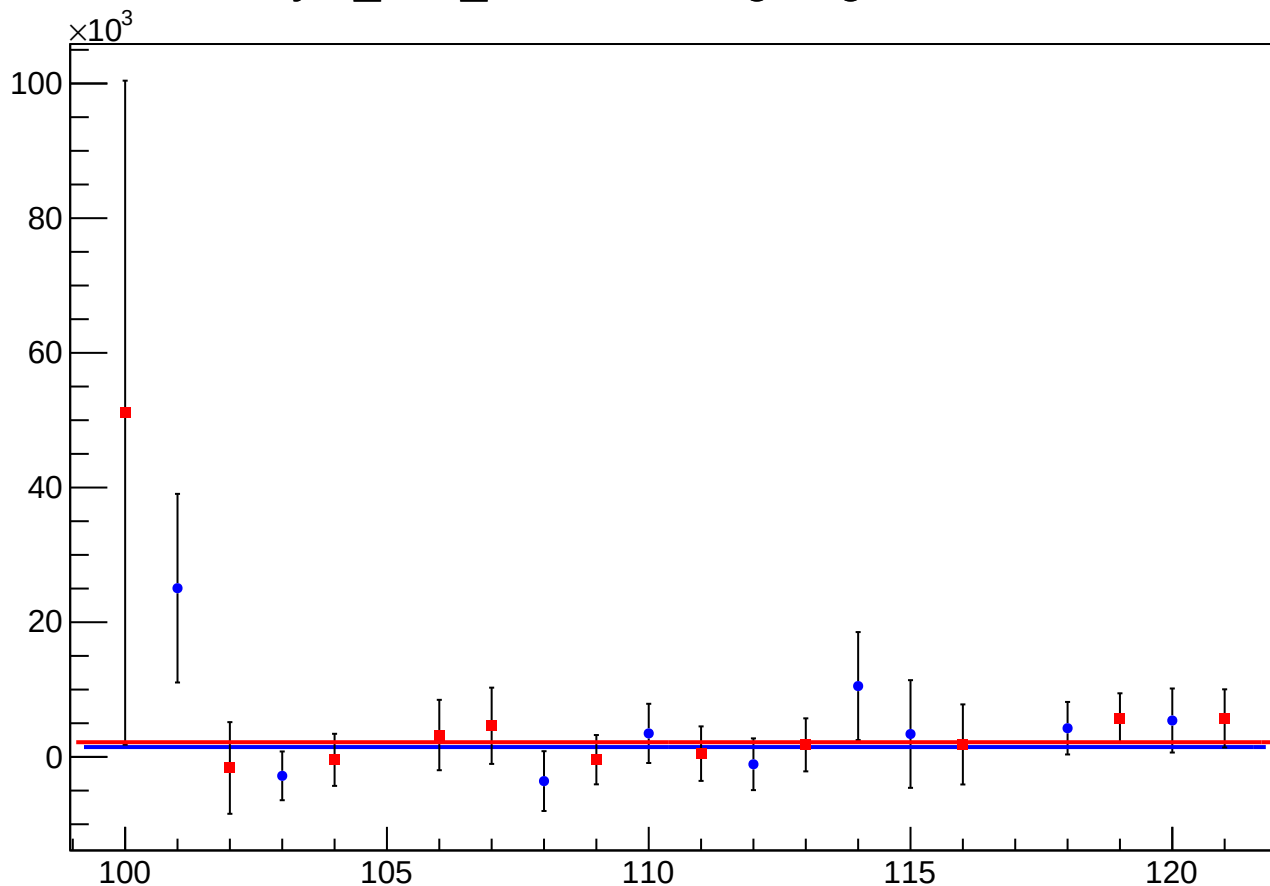
Right: 553.960+/-0.149 χ^2/NDF : 2481561.6/19

In: 579.517+/-0.236 χ^2/NDF : 1295528.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.960+/-0.149 χ^2/NDF : 2481561.6/19

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1460.807+/-1595.432 χ^2/NDF : 8.7/8

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

Right Out: 2182.408+/-1396.802 χ^2/NDF : 4.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

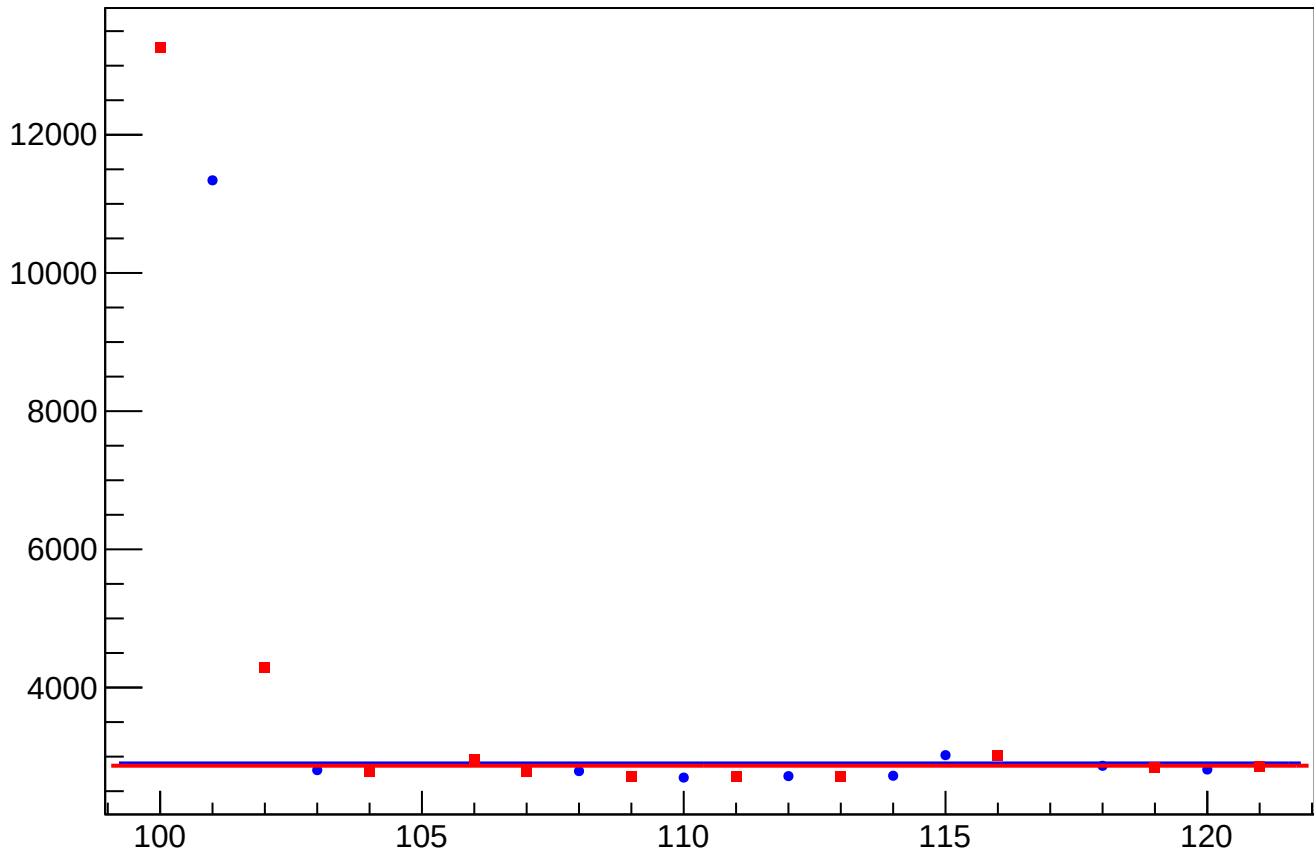
Right: 1869.298+/-1050.940 χ^2/NDF : 13.1/19

In: 1460.807+/-1595.432 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.298+/-1050.940 χ^2/NDF : 13.1/19

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2901.276+/-1.128 χ^2/NDF : 740065.3/8

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

Right Out: 2868.613+/-0.988 χ^2/NDF : 190174.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

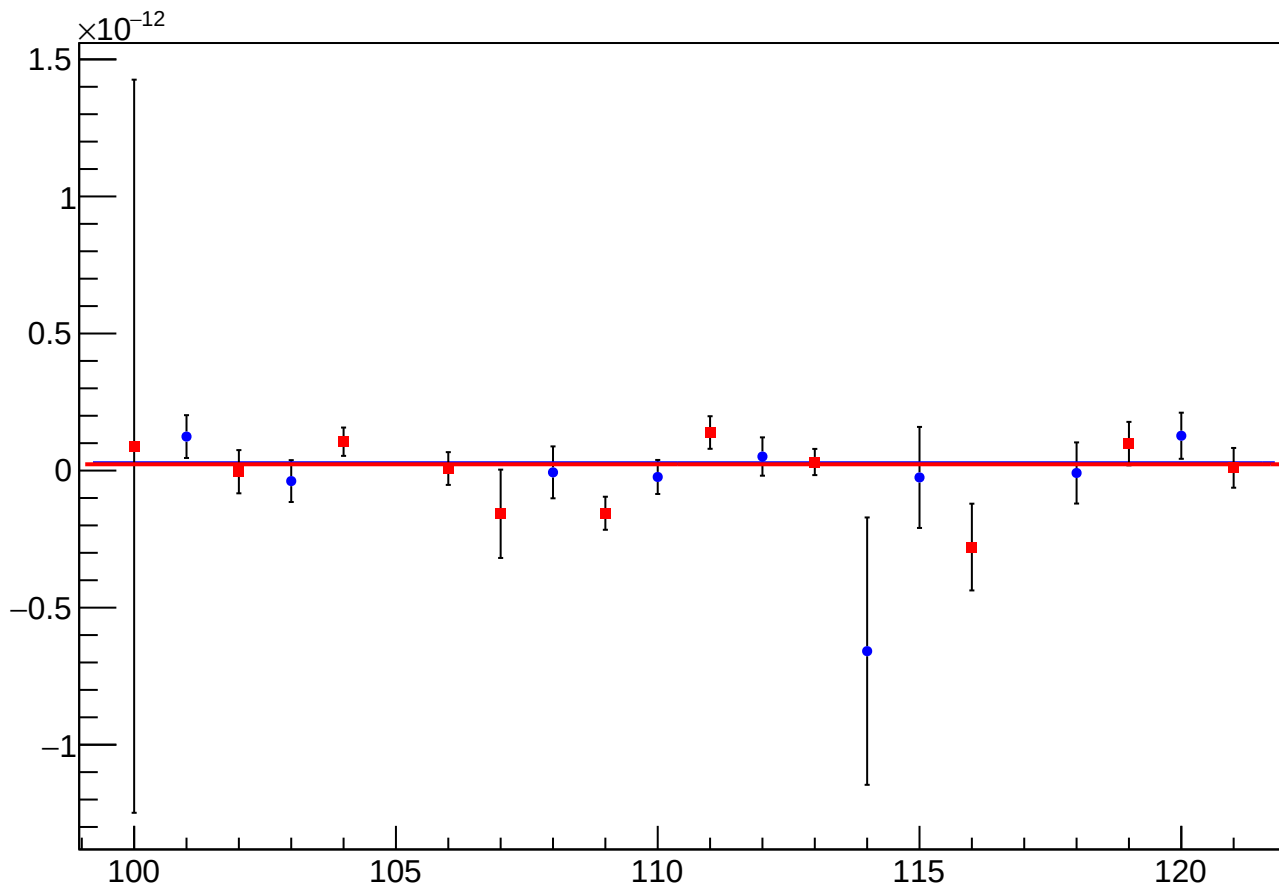
Right: 2882.786+/-0.743 χ^2/NDF : 930714.4/19

In: 2901.276+/-1.128 χ^2/NDF : 740065.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2882.786+/-0.743 χ^2/NDF : 930714.4/19

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 21.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

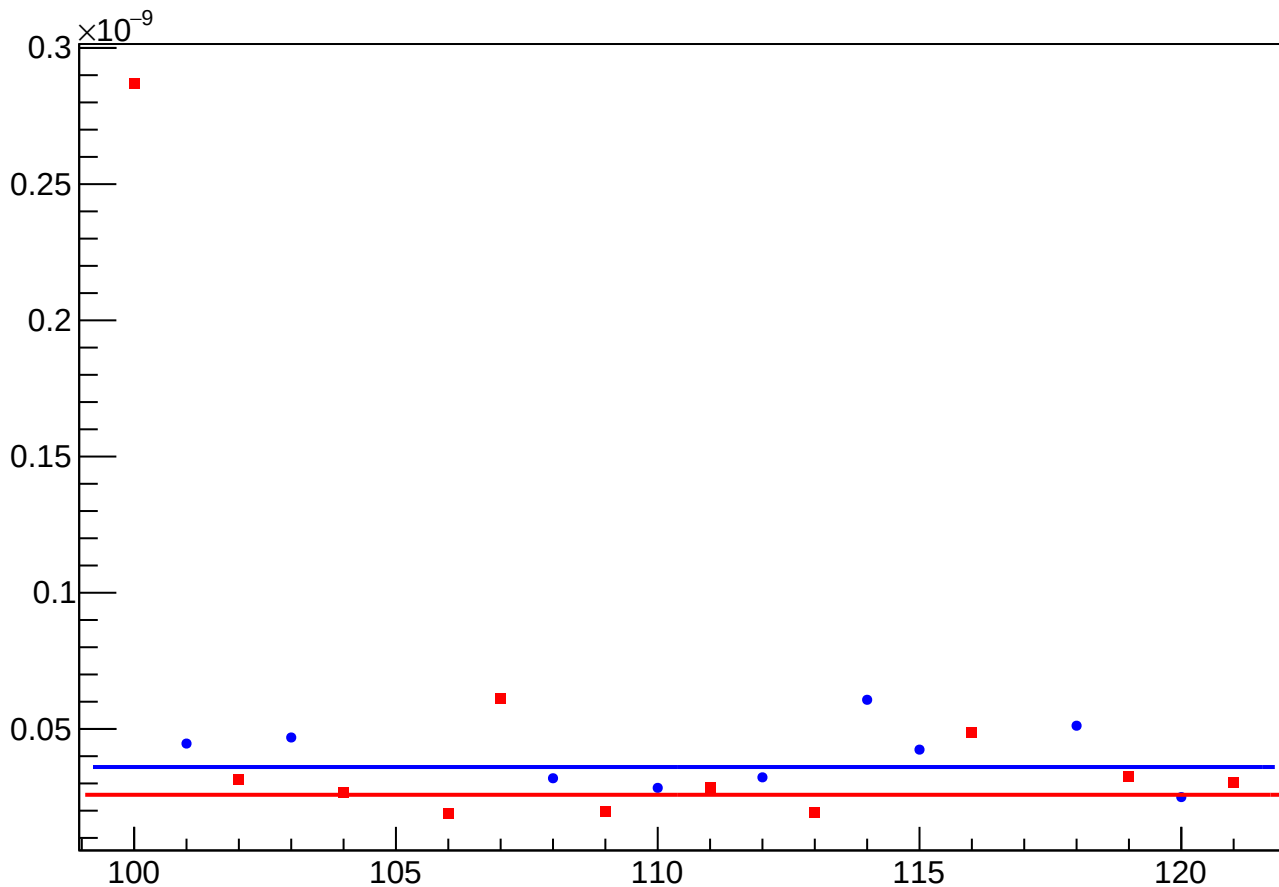
Right: 0.000+/-0.000 χ^2/NDF : 27.9/19

In: 0.000+/-0.000 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.9/19

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 183594.1/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 334990.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

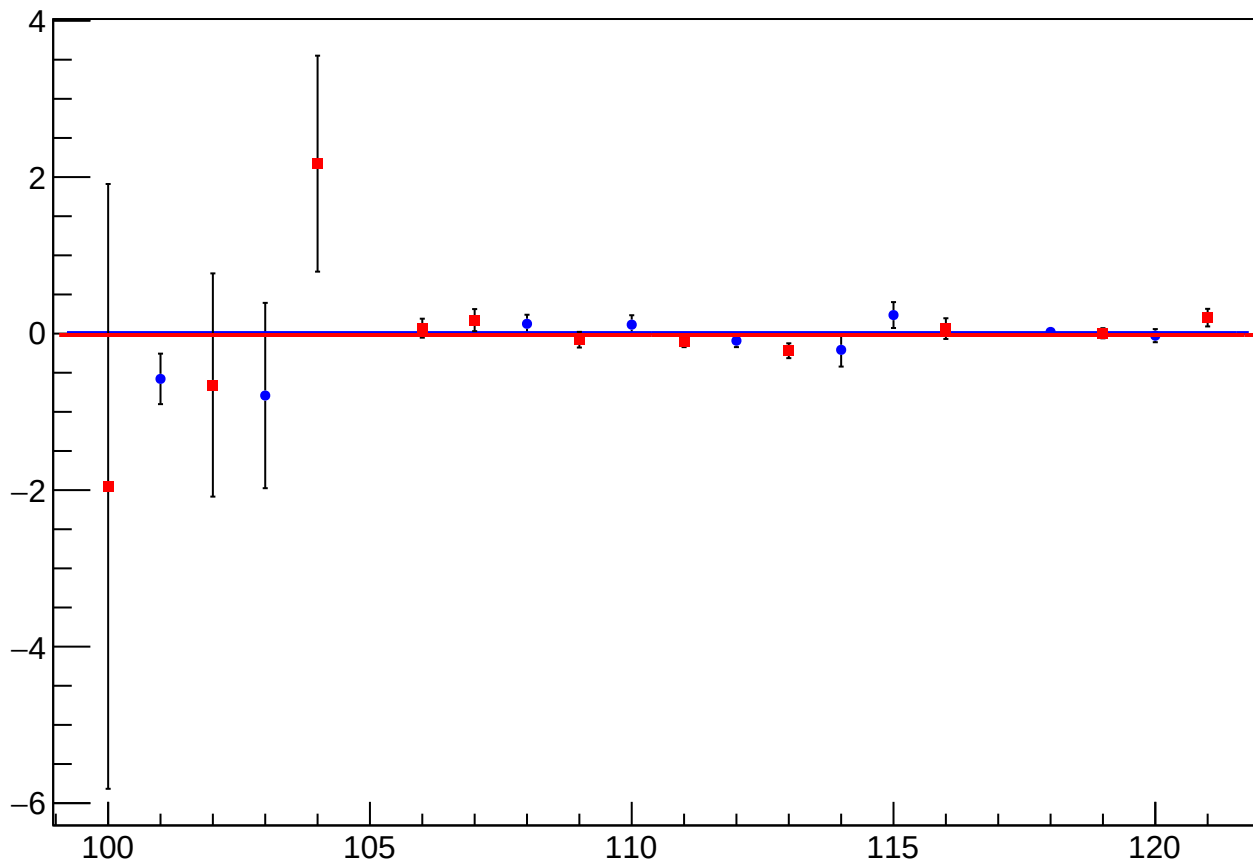
Right: 0.000+/-0.000 χ^2/NDF : 678034.3/19

In: 0.000+/-0.000 χ^2/NDF : 183594.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 678034.3/19

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.018+/-0.033 χ^2/NDF : 15.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

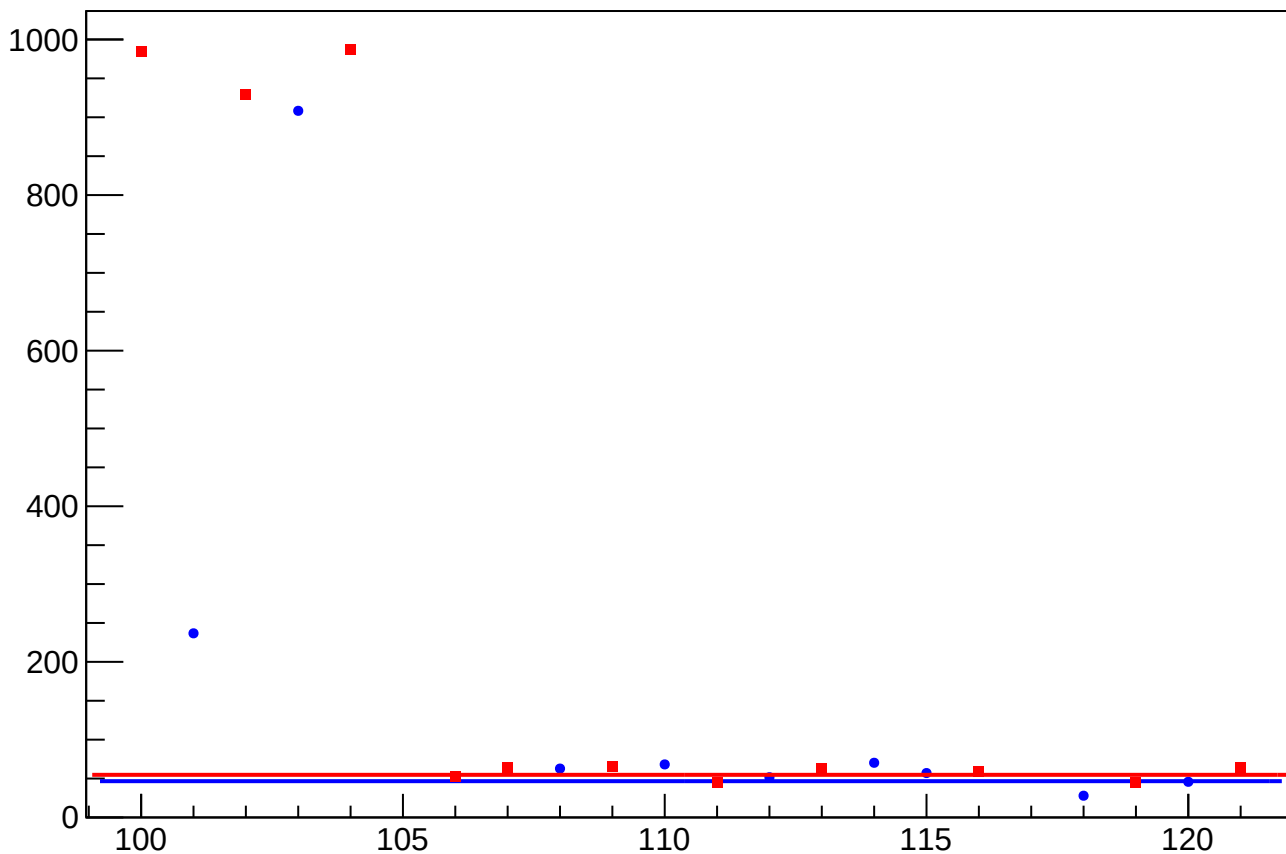
Right: -0.006+/-0.024 χ^2/NDF : 26.3/19

In: 0.007+/-0.034 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.024 χ^2/NDF : 26.3/19

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

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

Right Out: 54.796+/-0.024 χ^2/NDF : 1934387.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

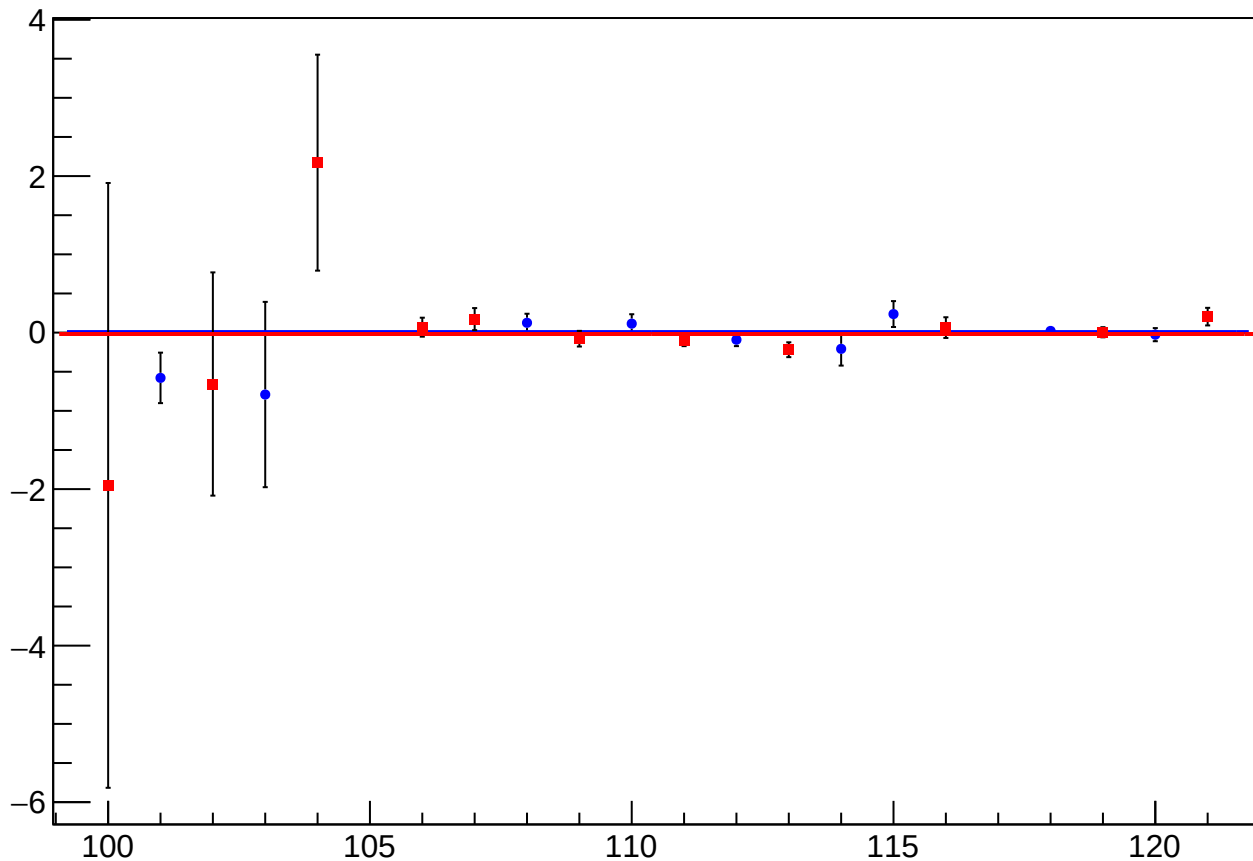
Right: 50.792+/-0.017 χ^2/NDF : 4138555.2/19

In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.792+/-0.017 χ^2/NDF : 4138555.2/19

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.018+/-0.033 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

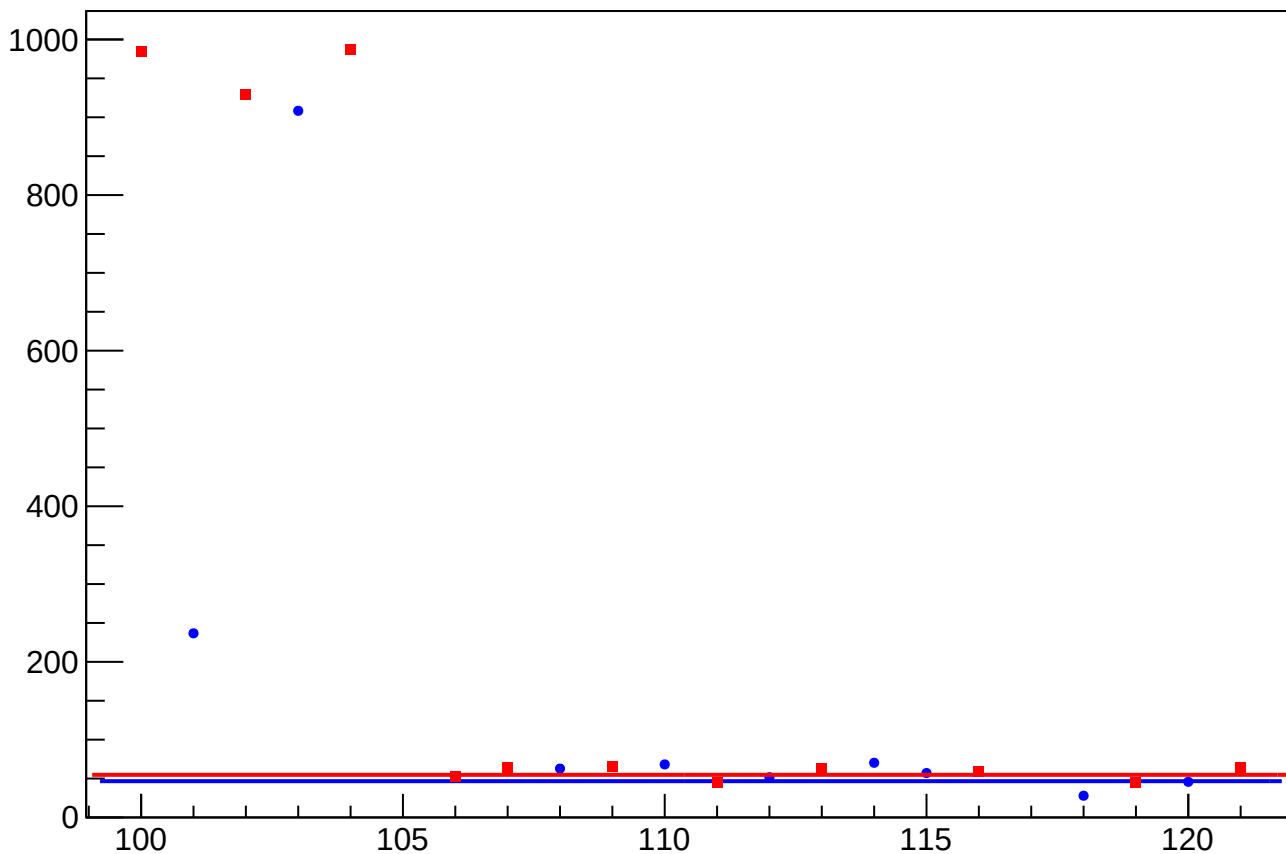
Right: -0.006+/-0.024 χ^2/NDF : 26.3/19

In: 0.007+/-0.034 χ^2/NDF :10.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.024 χ^2/NDF : 26.3/19

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

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

Right Out: 54.796+/-0.024 χ^2/NDF : 1934387.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

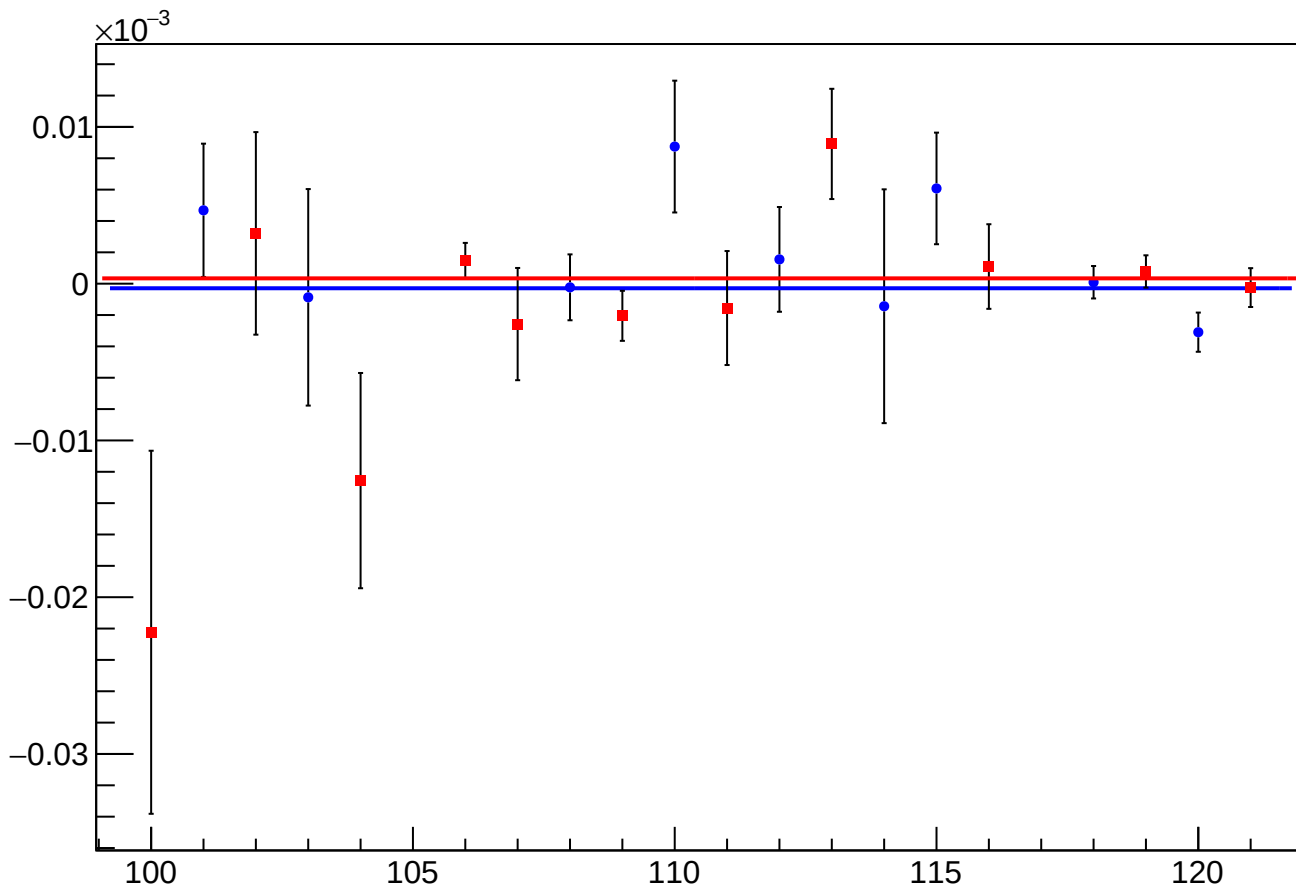
Right: 50.792+/-0.017 χ^2/NDF : 4138555.2/19

In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.792+/-0.017 χ^2/NDF : 4138555.2/19

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 18.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

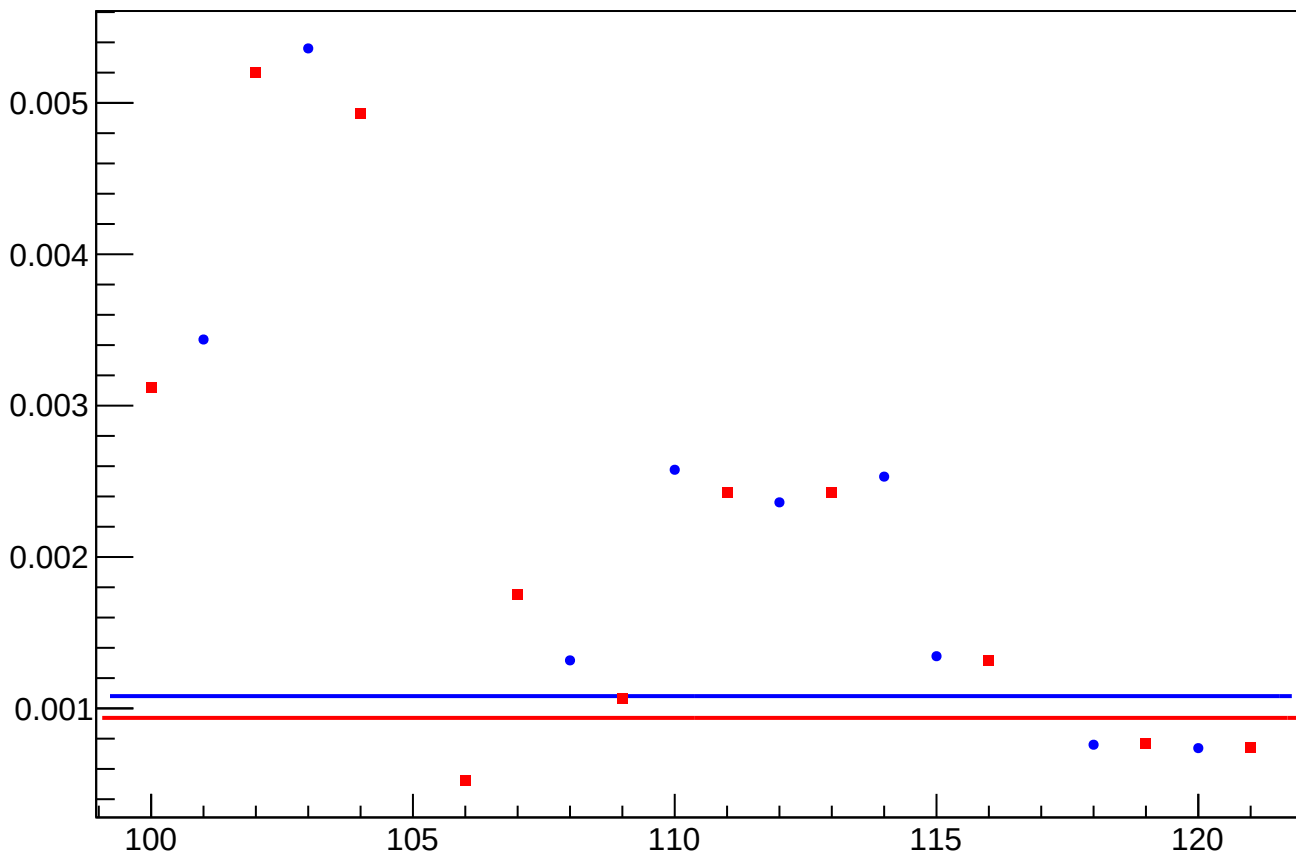
Right: 0.000+/-0.000 χ^2/NDF : 33.3/19

In: -0.000+/-0.000 χ^2/NDF :14.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.3/19

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2383869.2/8

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2834026.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

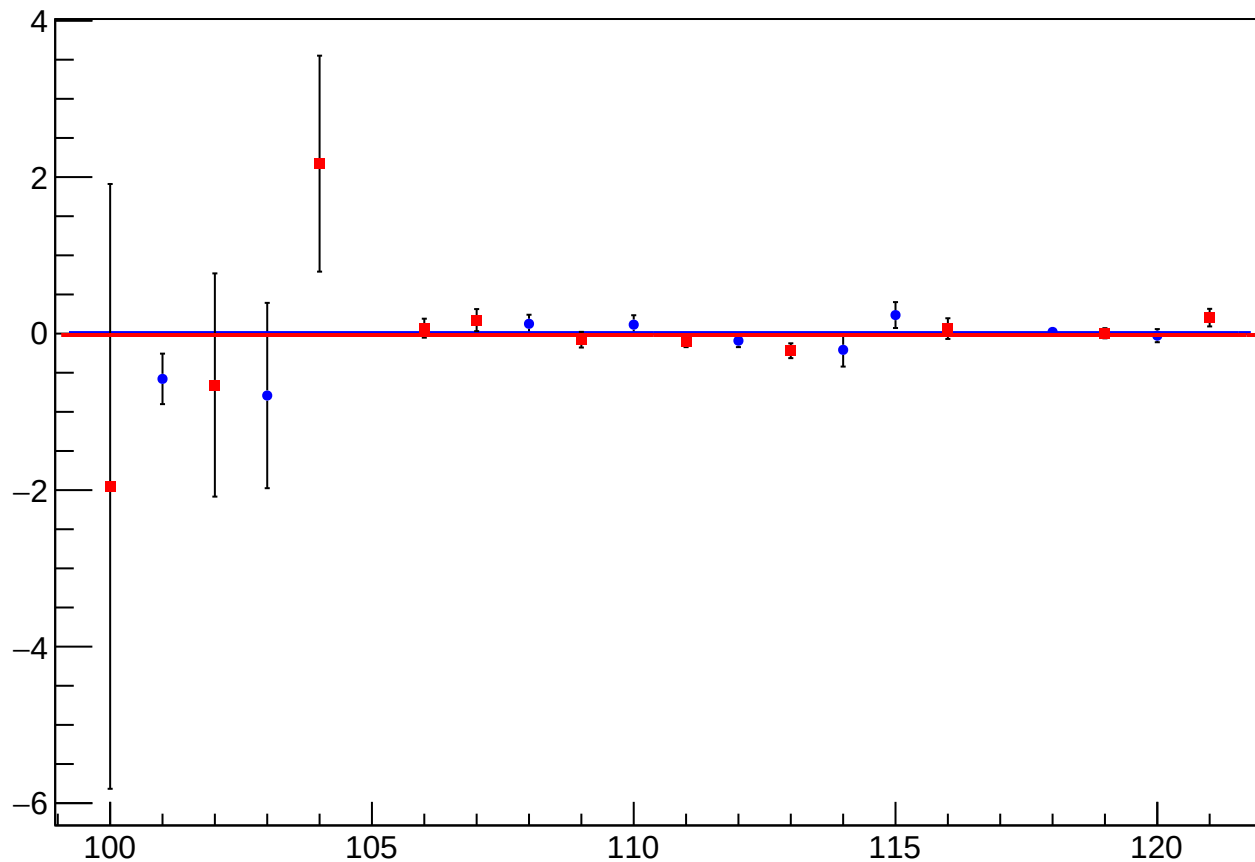
Right: 0.001+/-0.000 χ^2/NDF : 5270506.4/19

In: 0.001+/-0.000 χ^2/NDF :2383869.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5270506.4/19

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.018+/-0.033 χ^2/NDF : 15.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

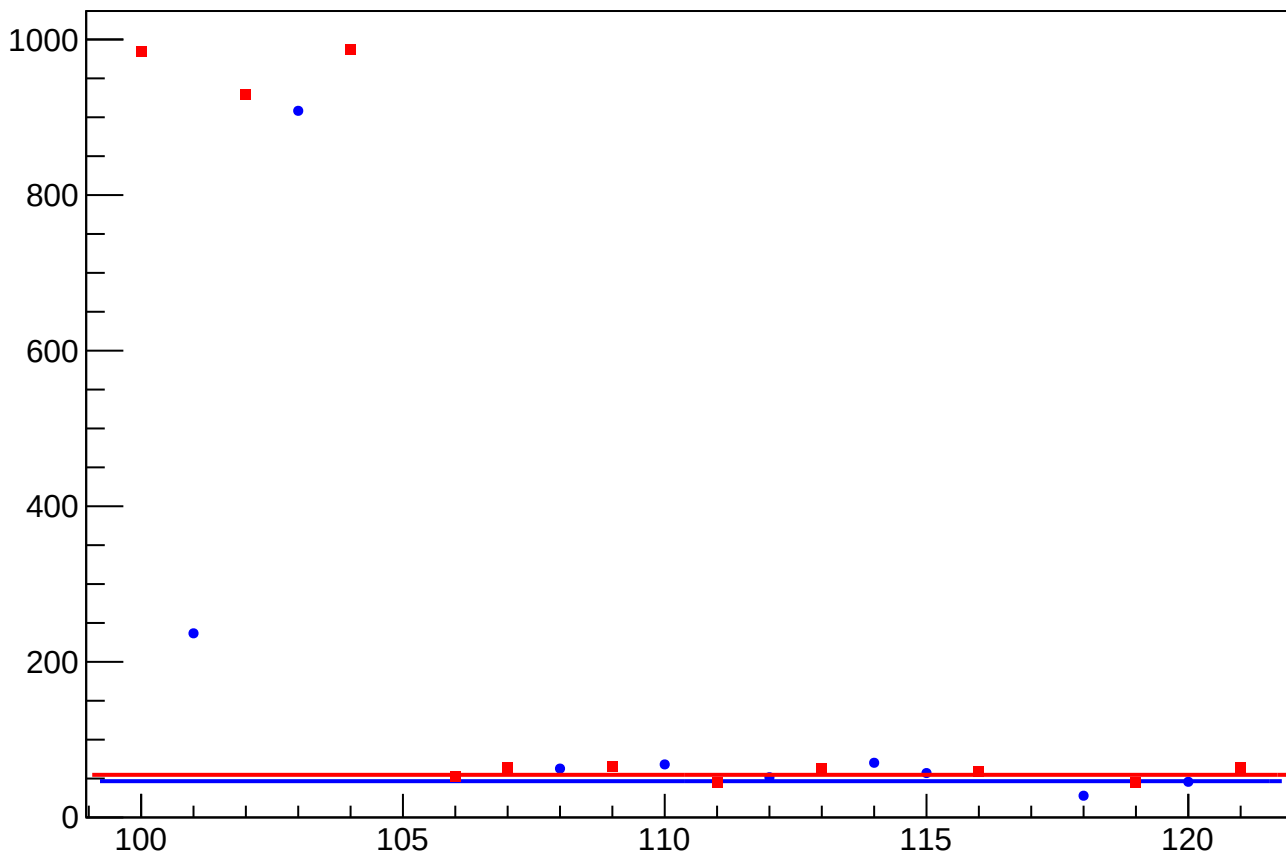
Right: -0.006+/-0.024 χ^2/NDF : 26.3/19

In: 0.007+/-0.034 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.024 χ^2/NDF : 26.3/19

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

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

Right Out: 54.796+/-0.024 χ^2/NDF : 1934386.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

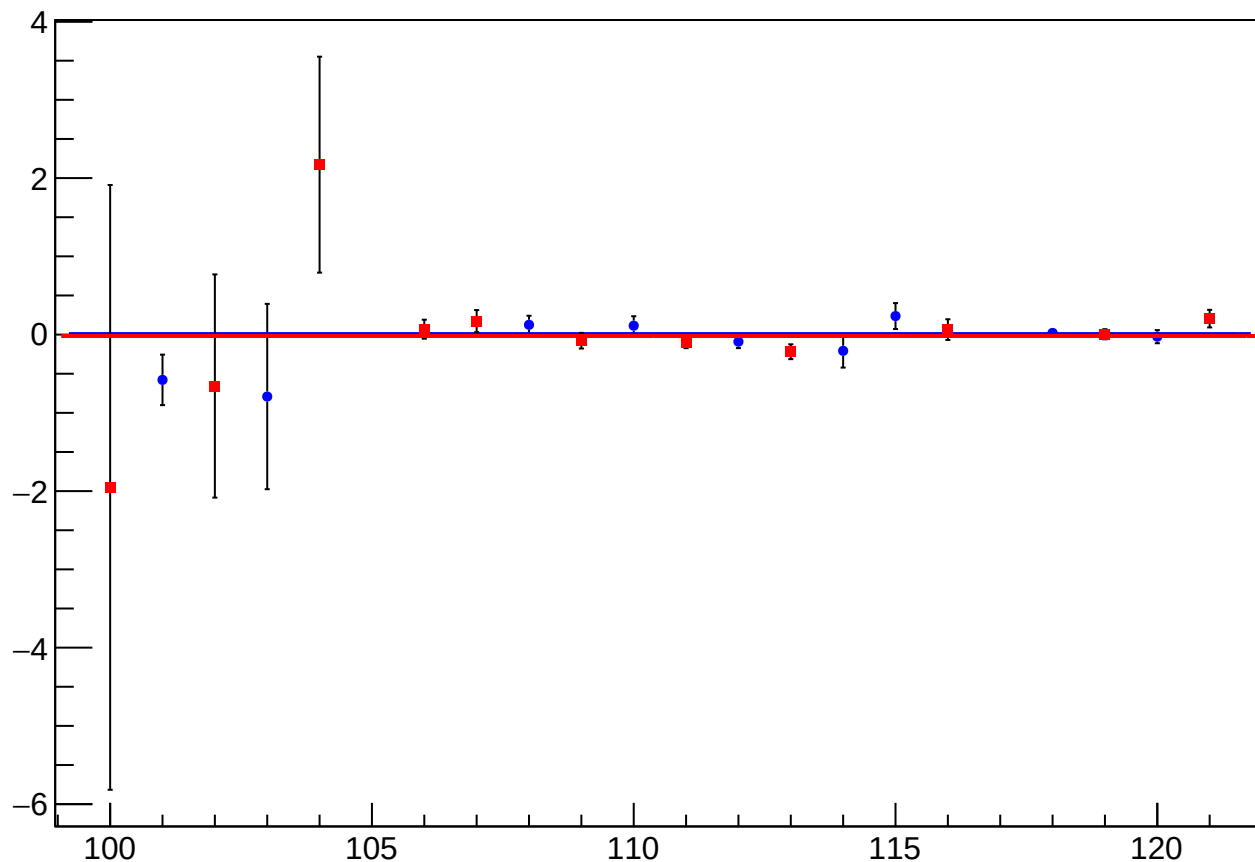
Right: 50.792+/-0.017 χ^2/NDF : 4138614.4/19

In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.792+/-0.017 χ^2/NDF : 4138614.4/19

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.018+/-0.033 χ^2/NDF : 15.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

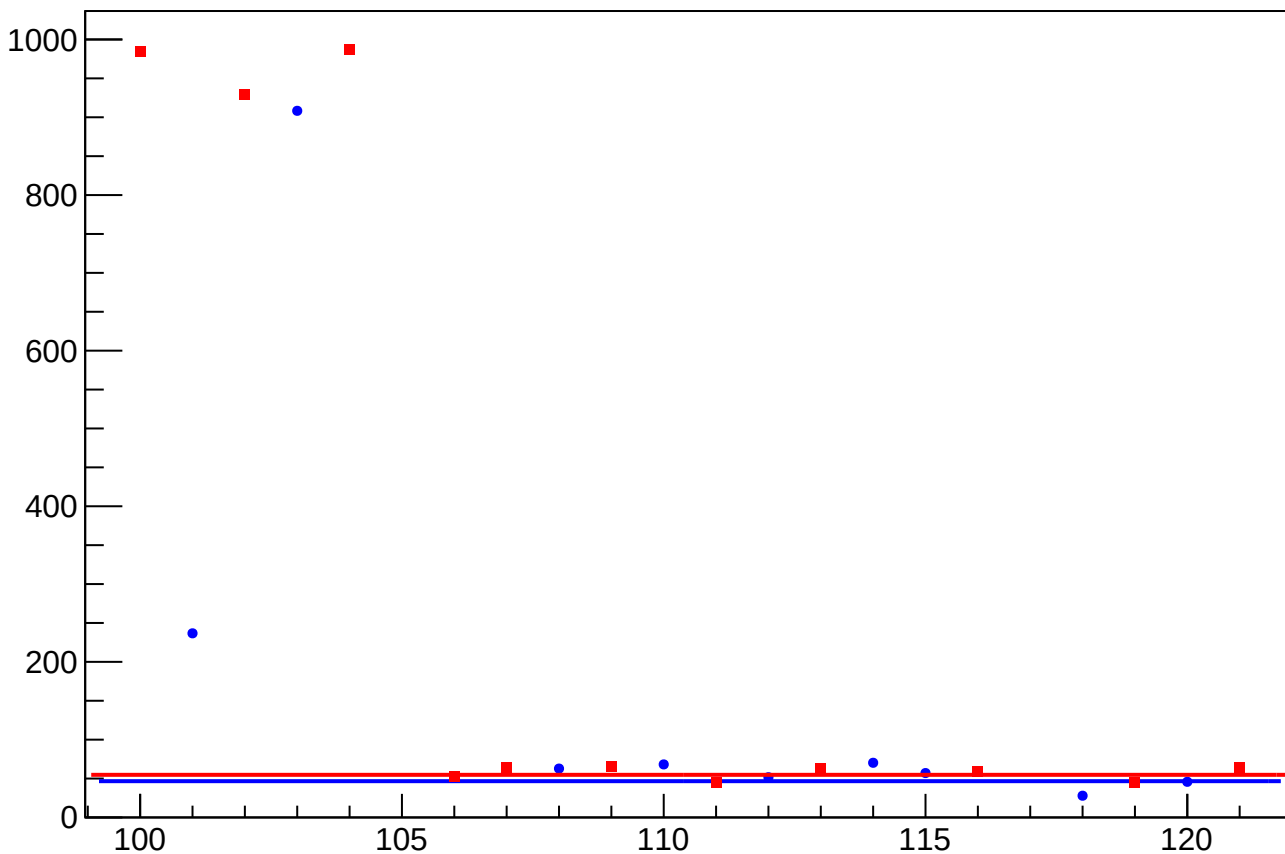
Right: -0.006+/-0.024 χ^2/NDF : 26.3/19

In: 0.007+/-0.034 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.024 χ^2/NDF : 26.3/19

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

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

Right Out: 54.796+/-0.024 χ^2/NDF : 1934386.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

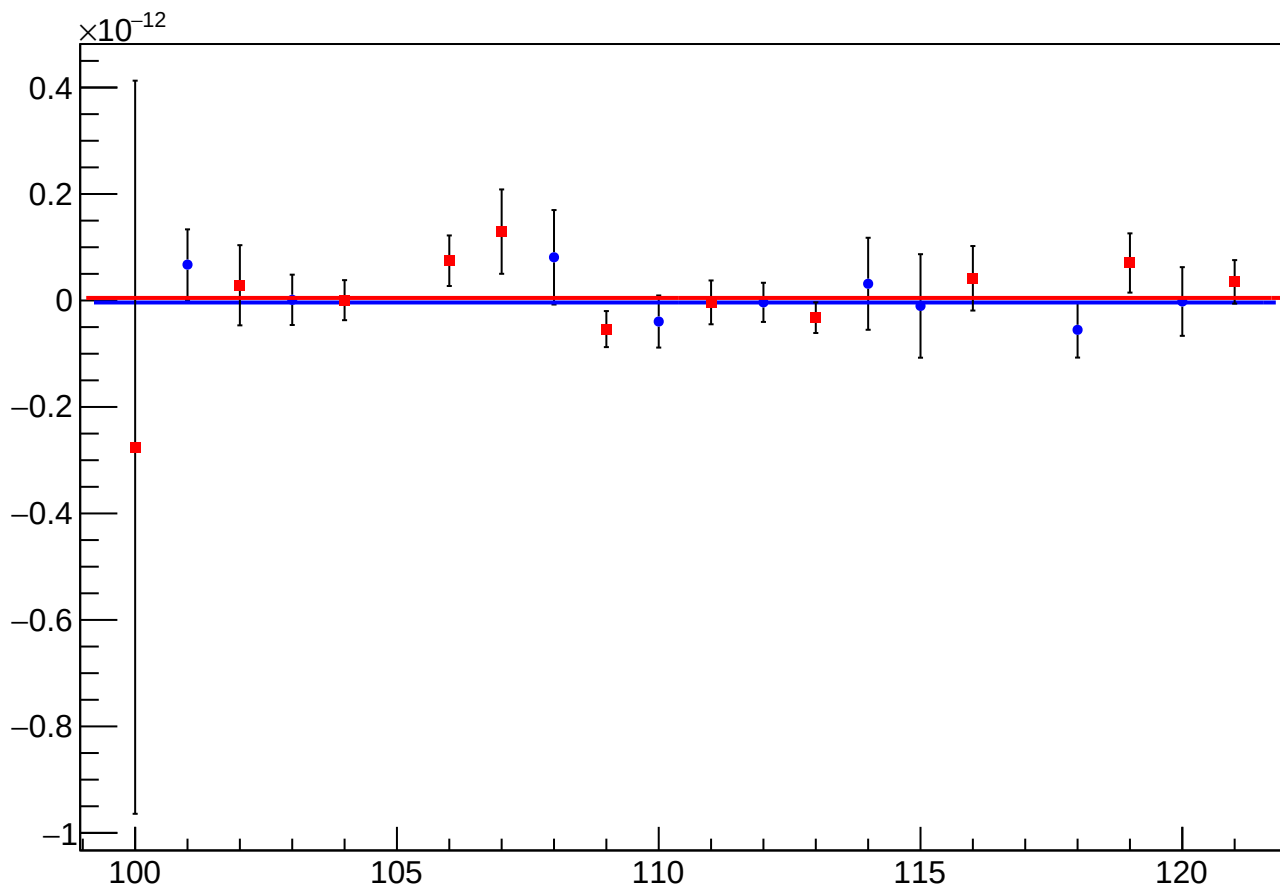
Right: 50.792+/-0.017 χ^2/NDF : 4138614.4/19

In: 46.634+/-0.024 χ^2/NDF :2145904.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.792+/-0.017 χ^2/NDF : 4138614.4/19

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

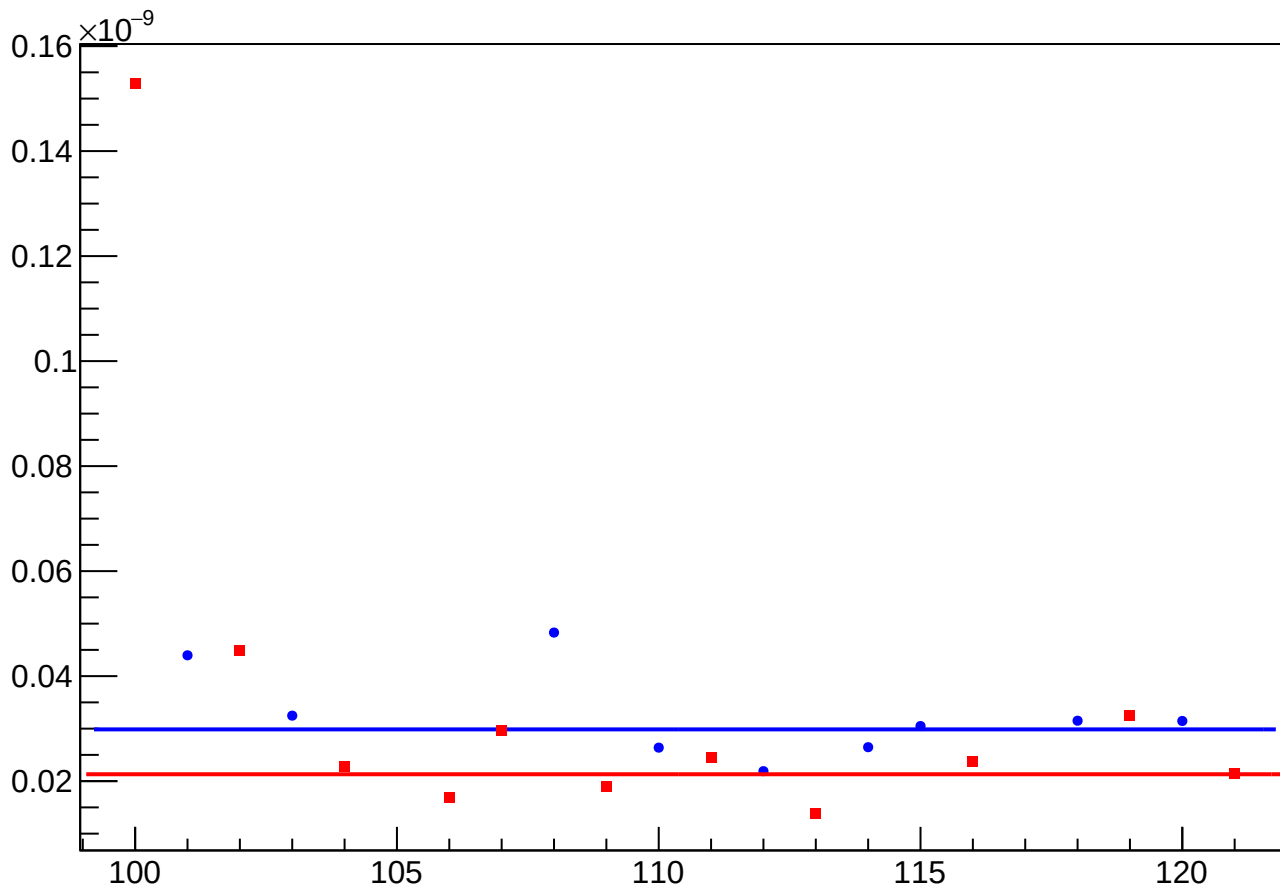
Right: 0.000+/-0.000 χ^2/NDF : 15.8/19

In: -0.000+/-0.000 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/19

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 293296.6/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 554380.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

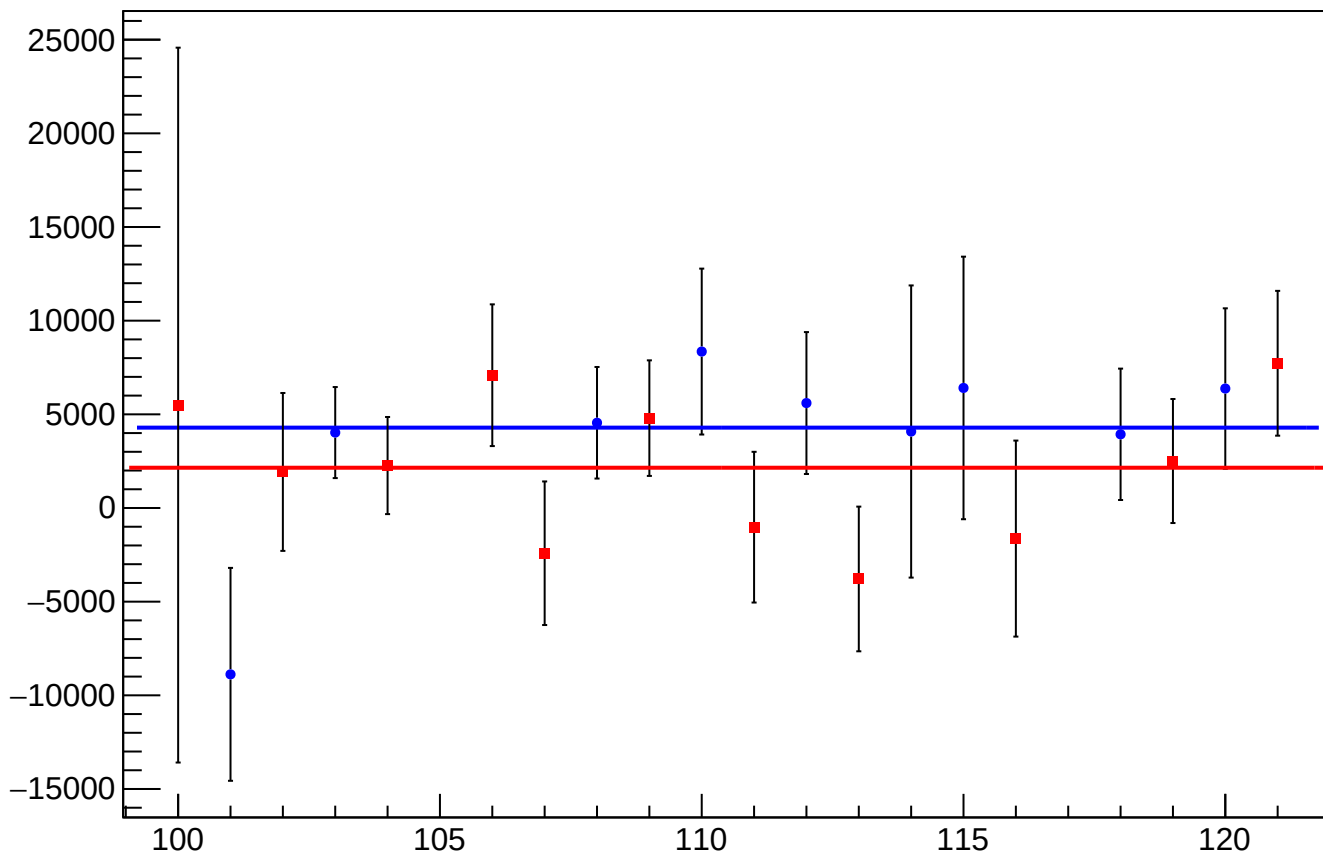
Right: 0.000+/-0.000 χ^2/NDF : 1116683.8/19

In: 0.000+/-0.000 χ^2/NDF : 293296.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1116683.8/19

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4290.019+/-1284.199 χ^2/NDF : 6.7/8

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

Right Out: 2149.567+/-1136.310 χ^2/NDF : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

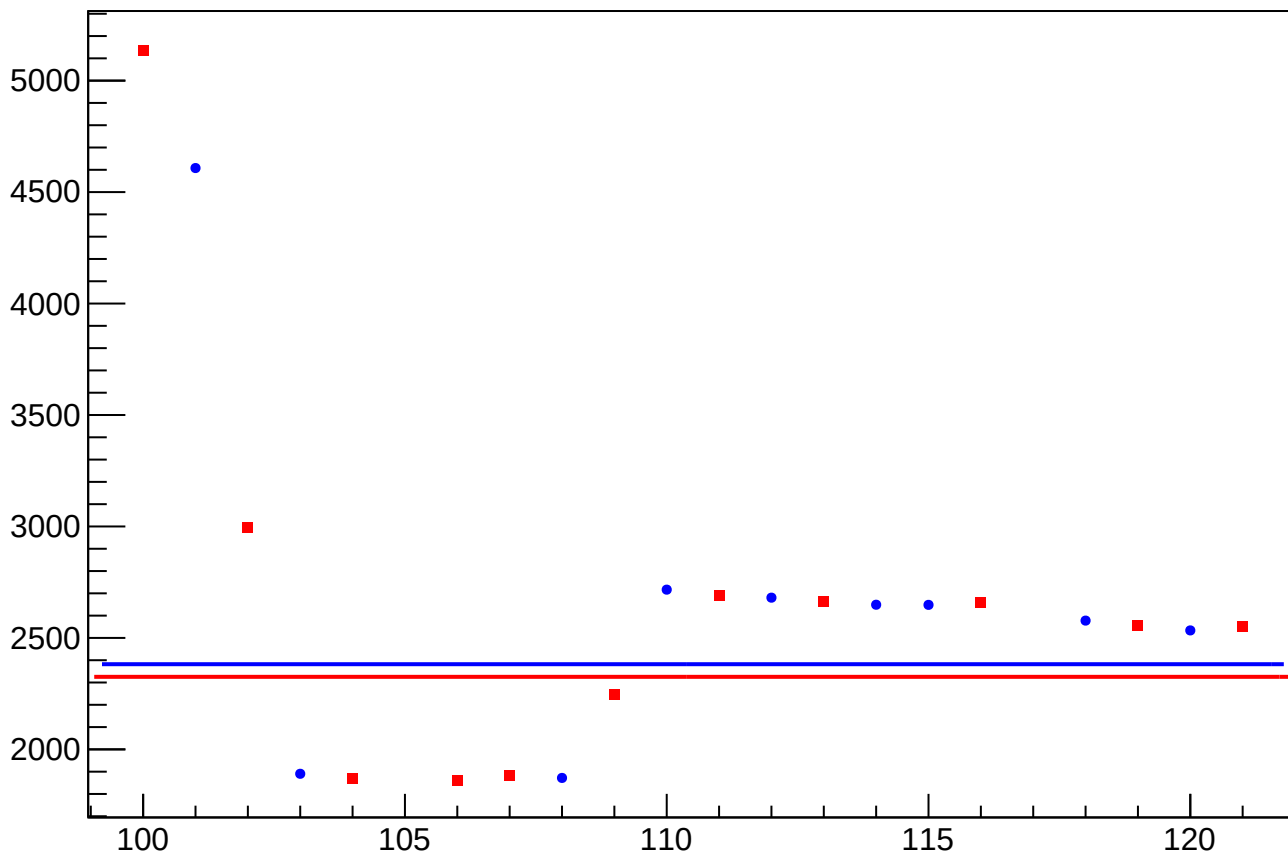
Right: 3089.501+/-850.998 χ^2/NDF : 17.7/19

In: 4290.019+/-1284.199 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3089.501+/-850.998 χ^2/NDF : 17.7/19

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2382.106+/-0.908 χ^2/NDF : 485115.5/8

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

Right Out: 2325.457+/-0.803 χ^2/NDF : 271318.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

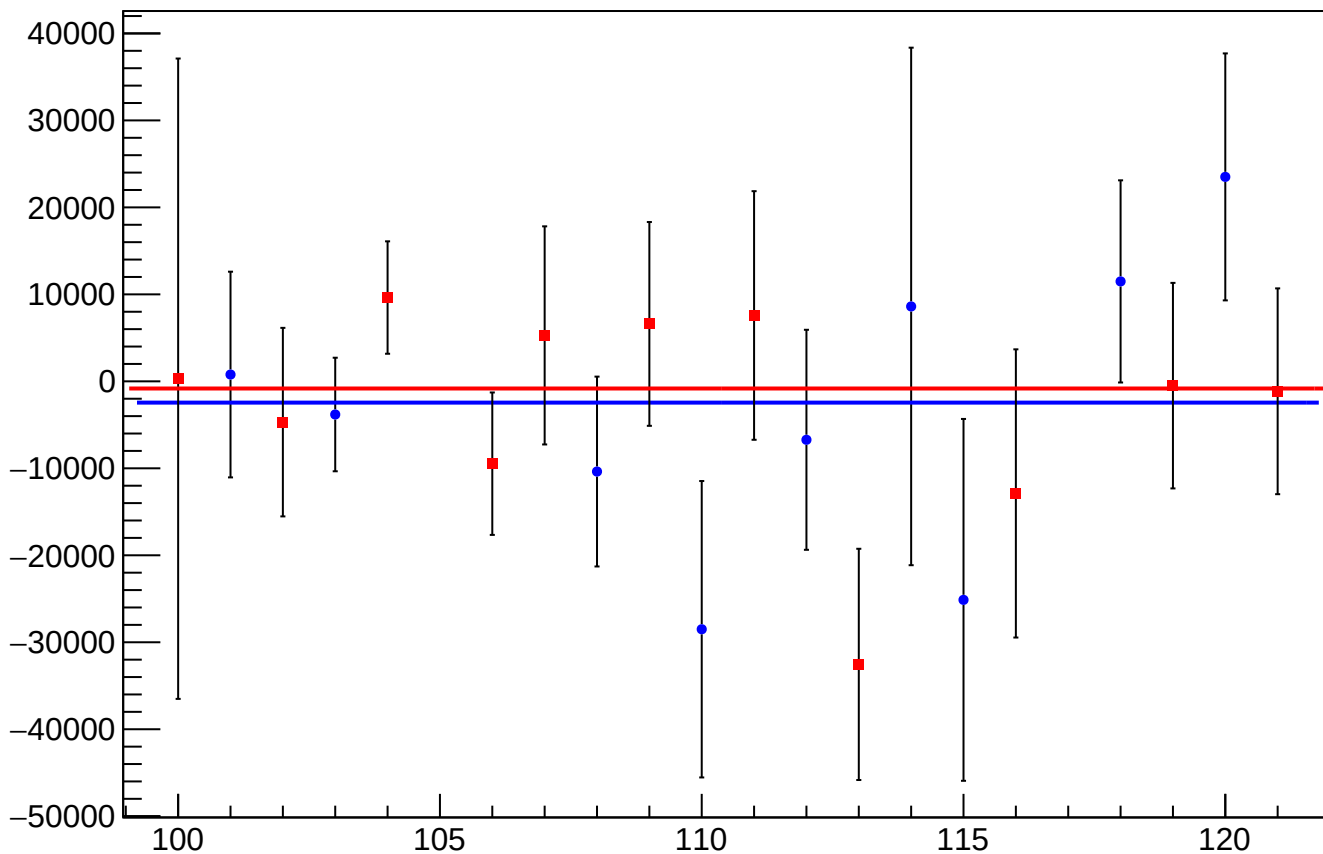
Right: 2350.333+/-0.602 χ^2/NDF : 758616.5/19

In: 2382.106+/-0.908 χ^2/NDF :485115.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2350.333+/-0.602 χ^2/NDF : 758616.5/19

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2446.435+/-3937.038 χ^2/NDF : 9.2/8

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

Right Out: -823.824+/-3328.506 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

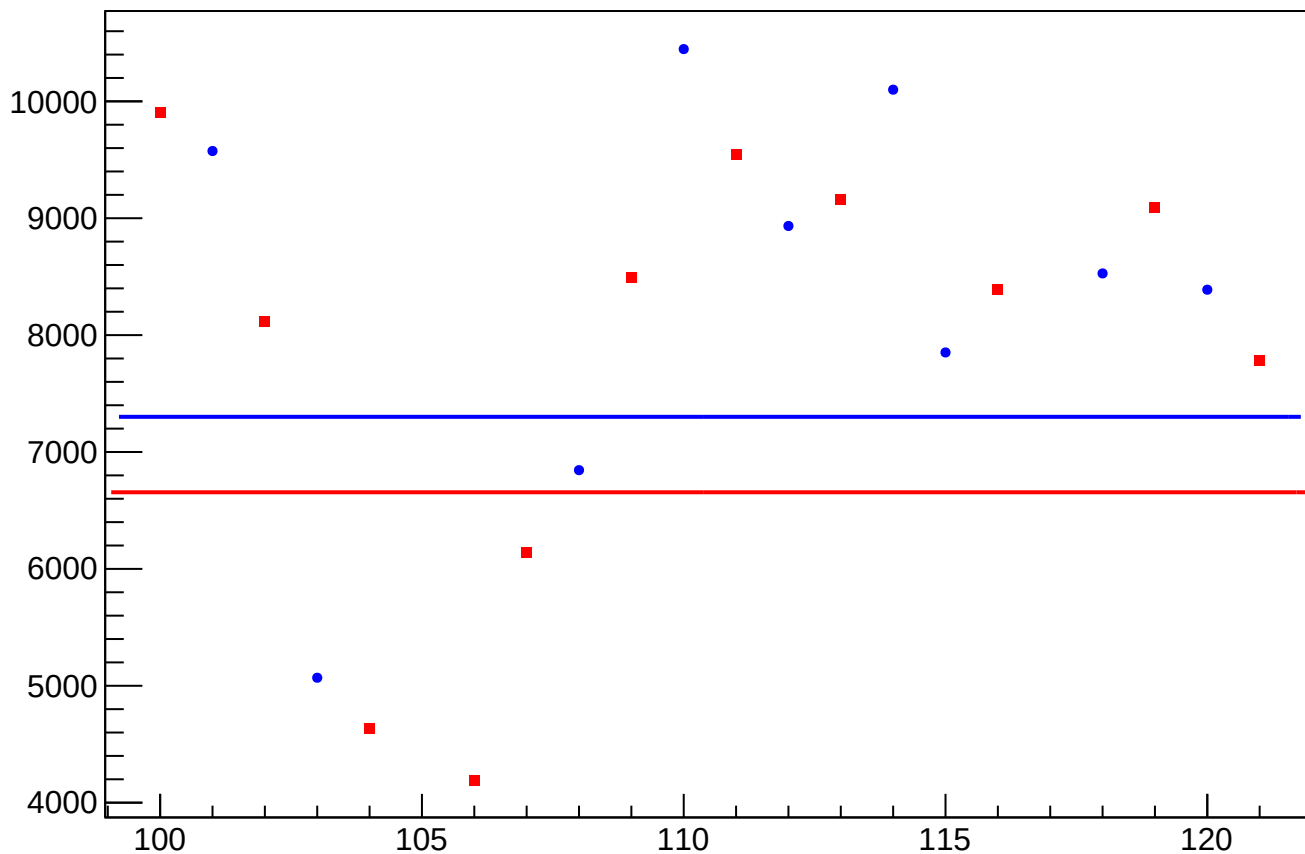
Right: -1500.173+/-2541.838 χ^2/NDF : 20.4/19

In: -2446.435+/-3937.038 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1500.173+/-2541.838 χ^2/NDF : 20.4/19

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7300.930+/-2.784 χ^2/NDF : 465956.4/8

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

Right Out: 6655.518+/-2.354 χ^2/NDF : 759395.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

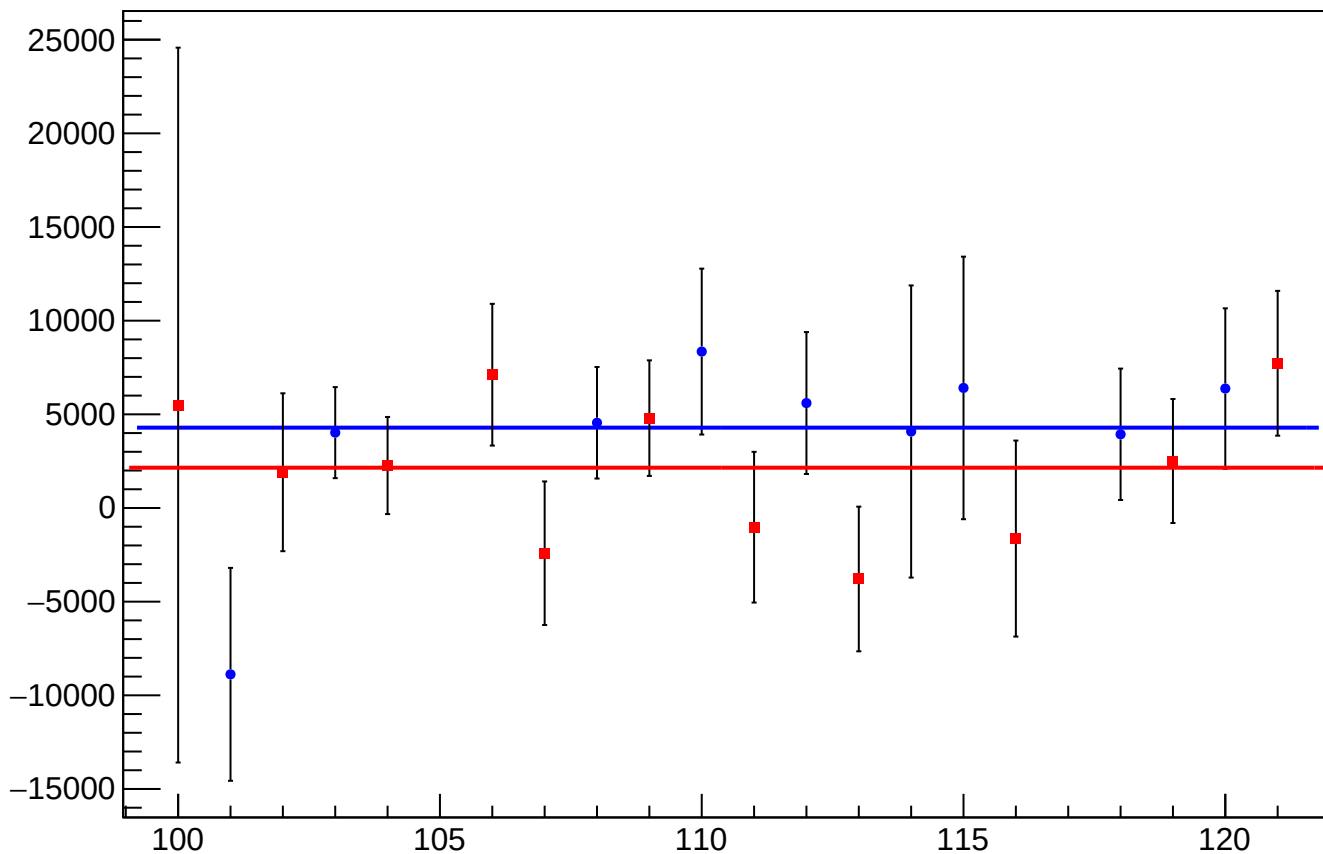
Right: 6924.543+/-1.797 χ^2/NDF : 1256696.0/19

In: 7300.930+/-2.784 χ^2/NDF : 465956.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6924.543+/-1.797 χ^2/NDF : 1256696.0/19

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

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

Right Out: 2150.701+/-1136.324 χ^2/NDF : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

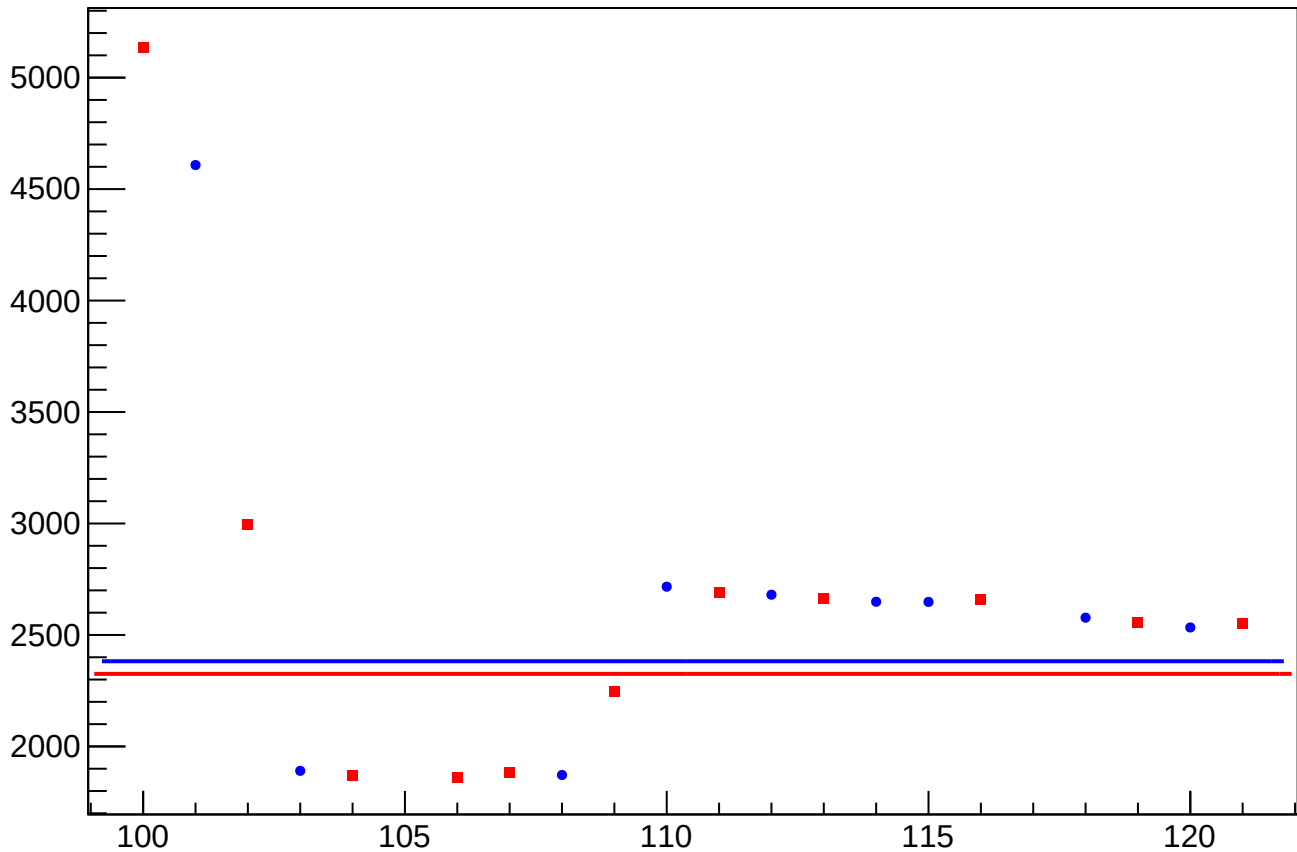
Right: 3089.757+/-851.004 χ^2/NDF : 17.8/19

In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3089.757+/-851.004 χ^2/NDF : 17.8/19

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

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

Right Out: 2325.491+/-0.804 χ^2/NDF : 271277.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

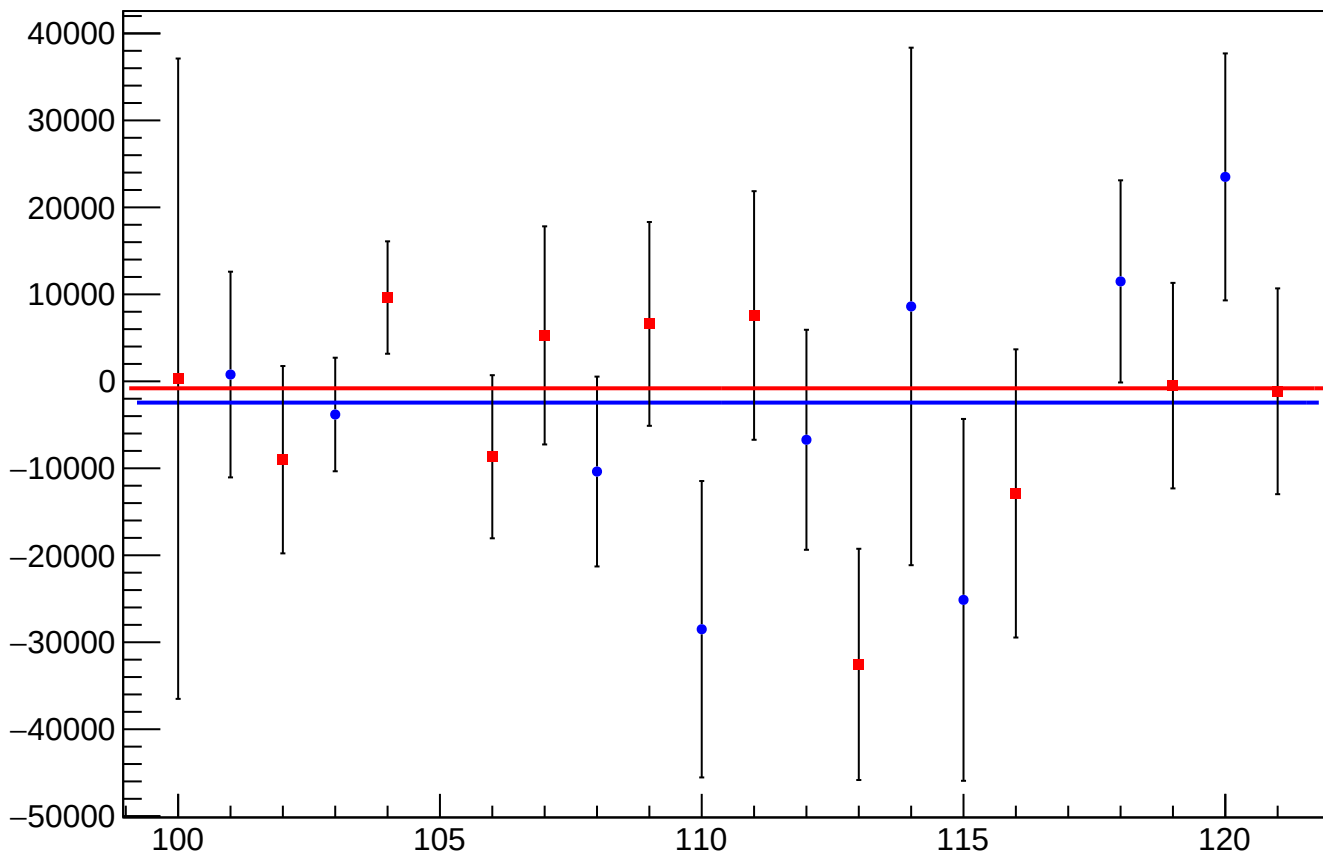
Right: 2350.353+/-0.602 χ^2/NDF : 758571.5/19

In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2350.353+/-0.602 χ^2/NDF : 758571.5/19

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

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

Right Out: -800.795+/-3393.700 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

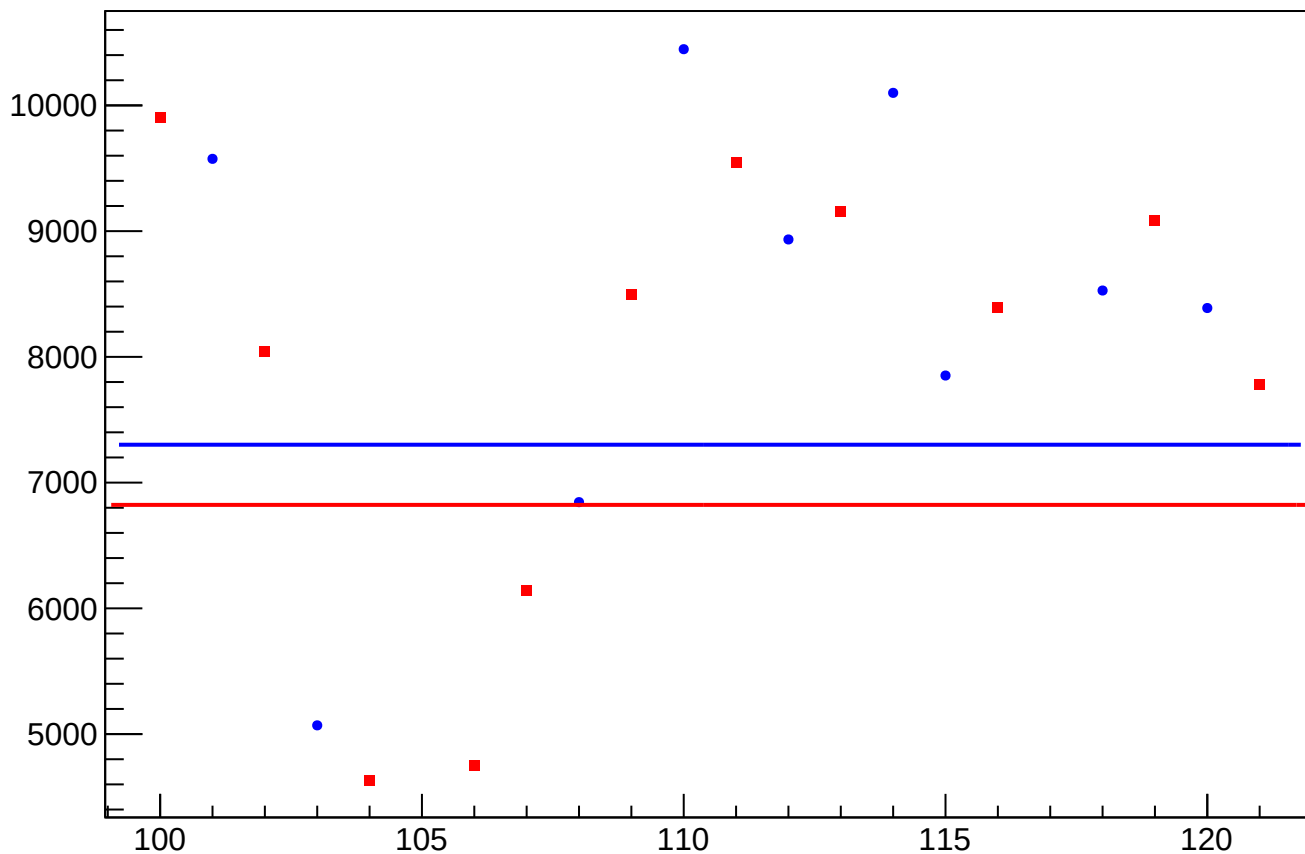
Right: -1502.124+/-2570.571 χ^2/NDF : 20.4/19

In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1502.124+/-2570.571 χ^2/NDF : 20.4/19

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

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

Right Out: 6822.884+/-2.400 χ^2/NDF : 653267.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

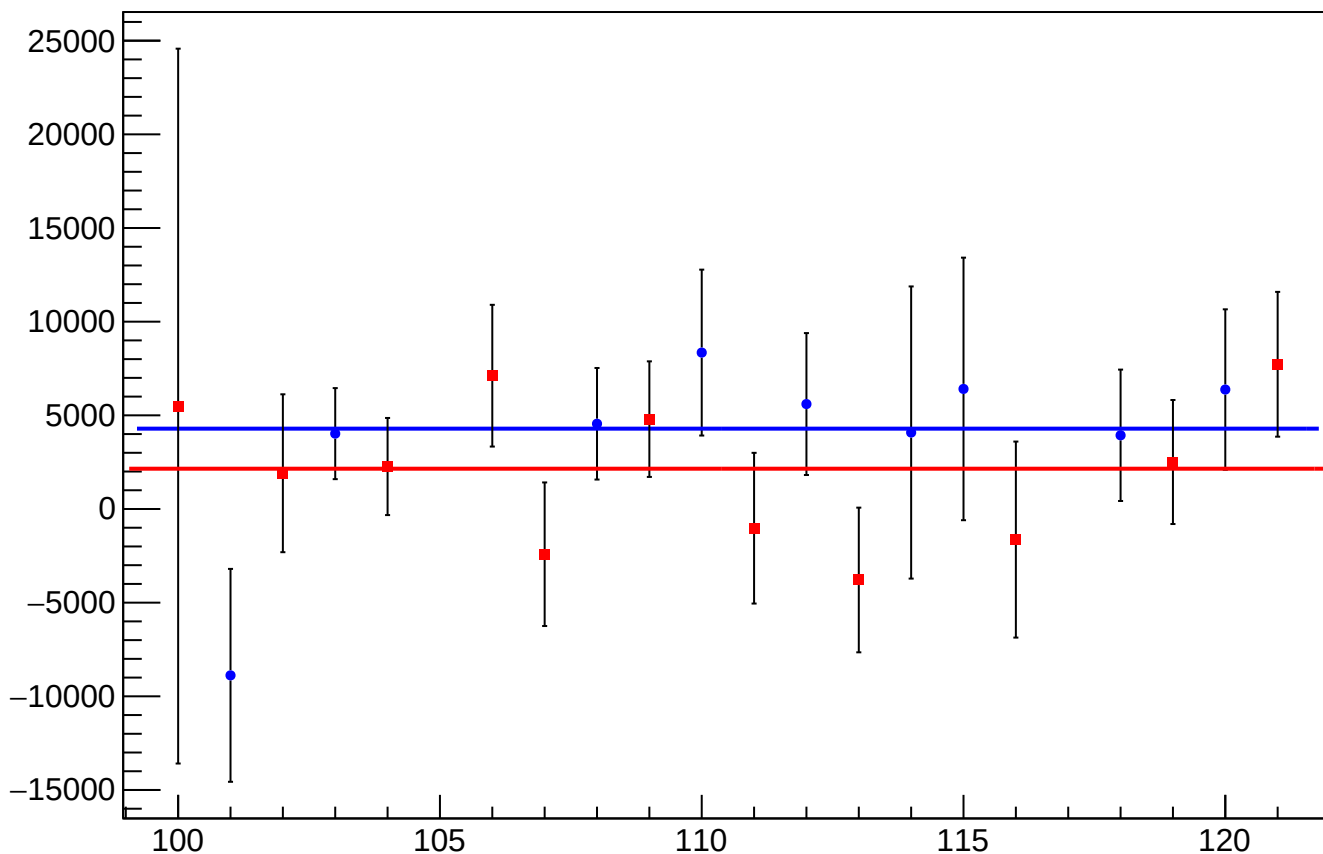
Right: 7026.859+/-1.818 χ^2/NDF : 1135960.8/19

In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7026.859+/-1.818 χ^2/NDF : 1135960.8/19

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

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

Right Out: 2150.701+/-1136.324 χ^2/NDF : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

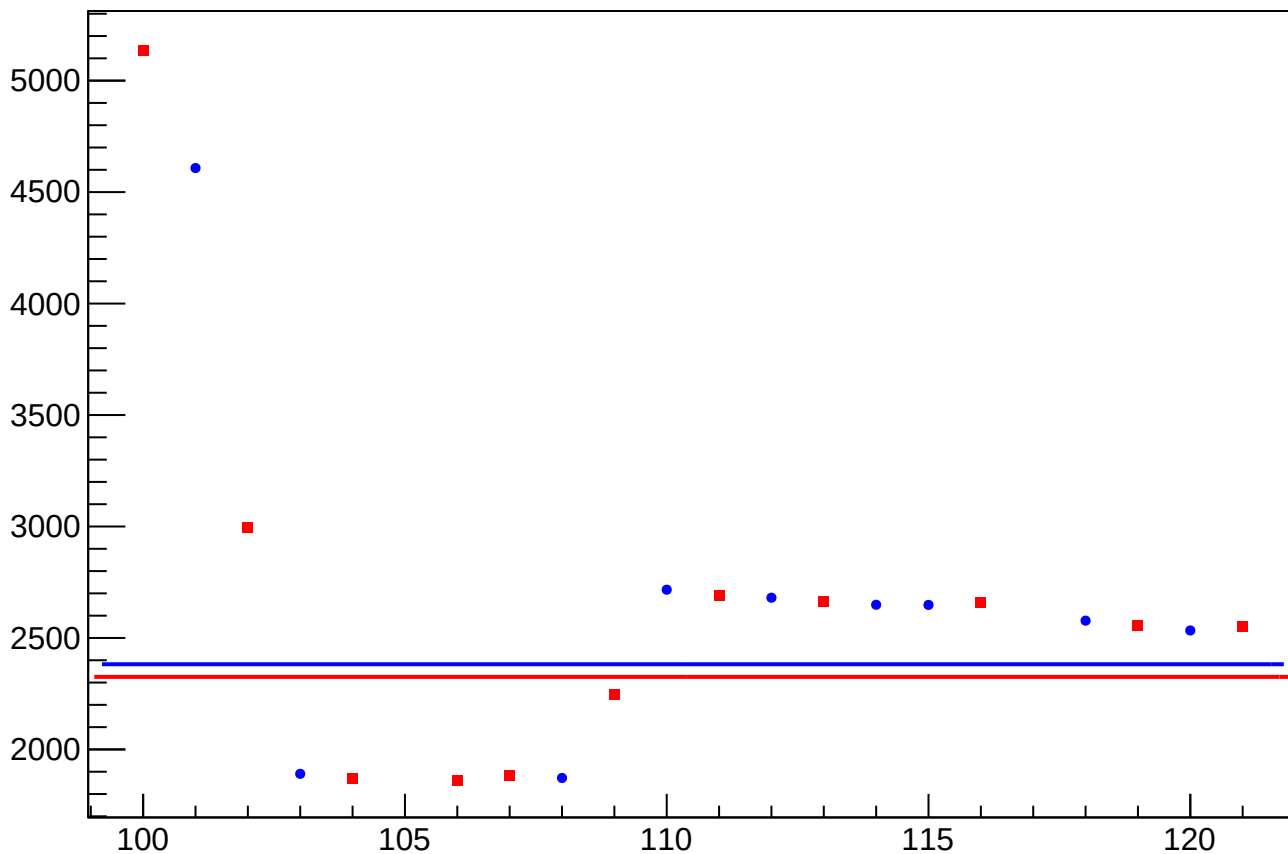
Right: 3089.757+/-851.004 χ^2/NDF : 17.8/19

In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3089.757+/-851.004 χ^2/NDF : 17.8/19

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

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

Right Out: 2325.491+/-0.804 χ^2/NDF : 271277.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

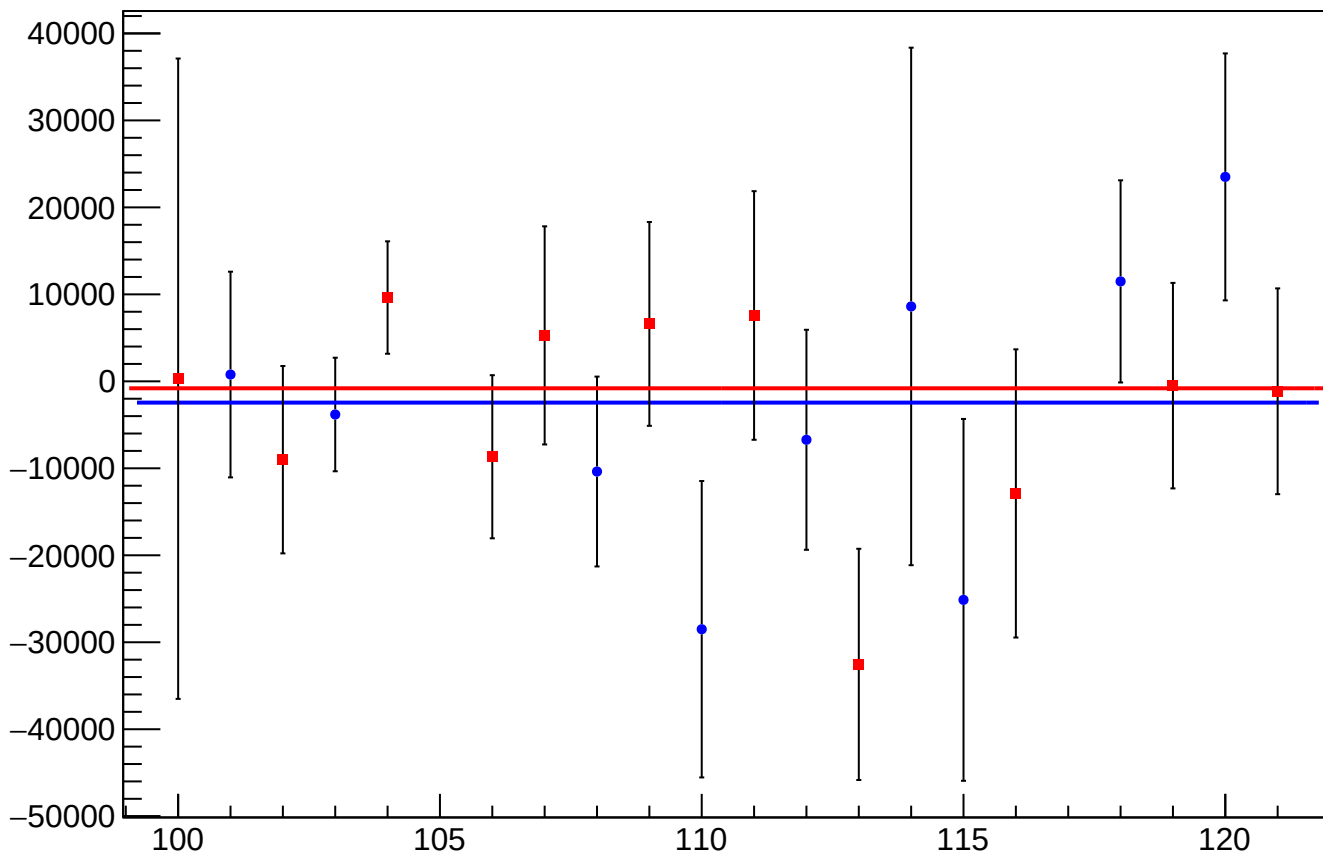
Right: 2350.353+/-0.602 χ^2/NDF : 758571.5/19

In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2350.353+/-0.602 χ^2/NDF : 758571.5/19

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

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

Right Out: -800.795+/-3393.700 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

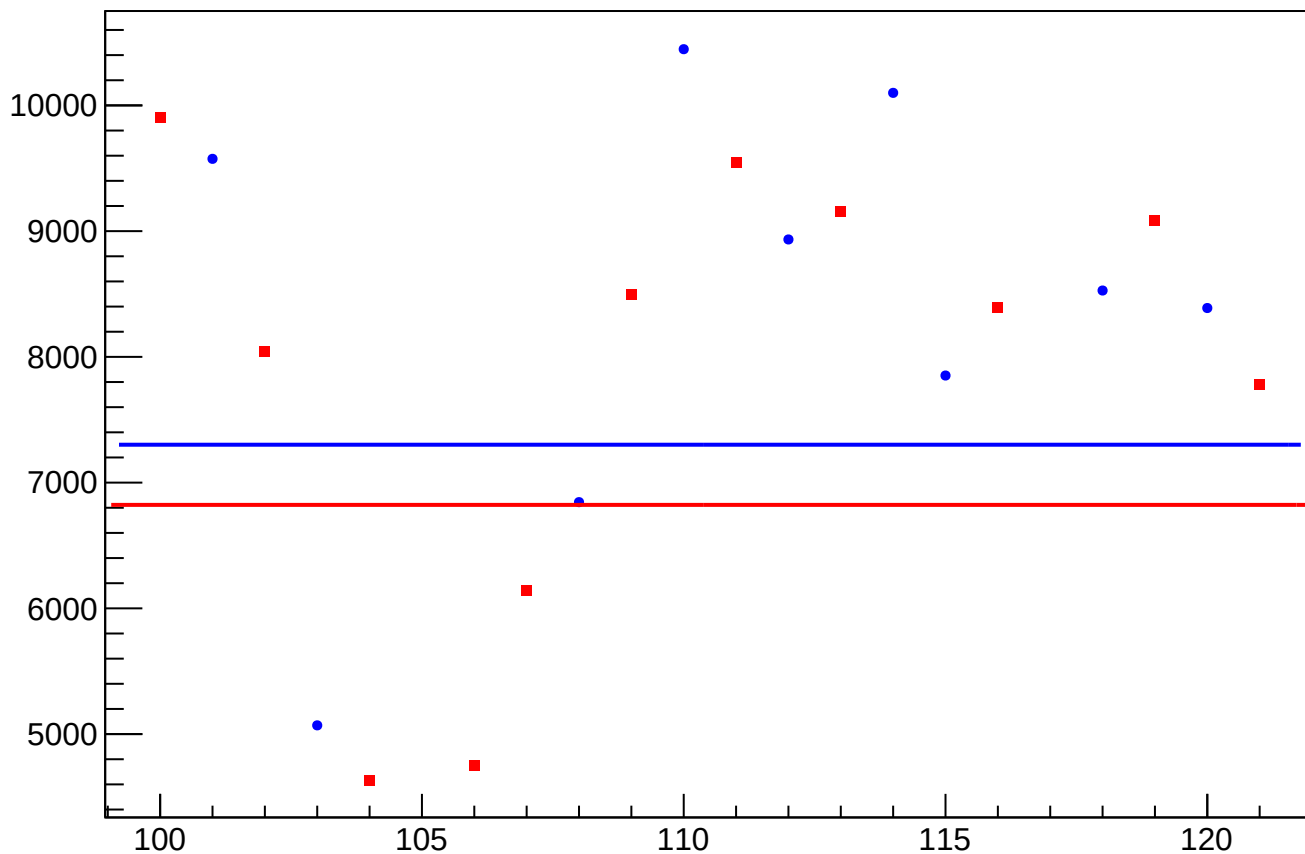
Right: -1502.124+/-2570.571 χ^2/NDF : 20.4/19

In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1502.124+/-2570.571 χ^2/NDF : 20.4/19

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

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

Right Out: 6822.884+/-2.400 χ^2/NDF : 653267.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

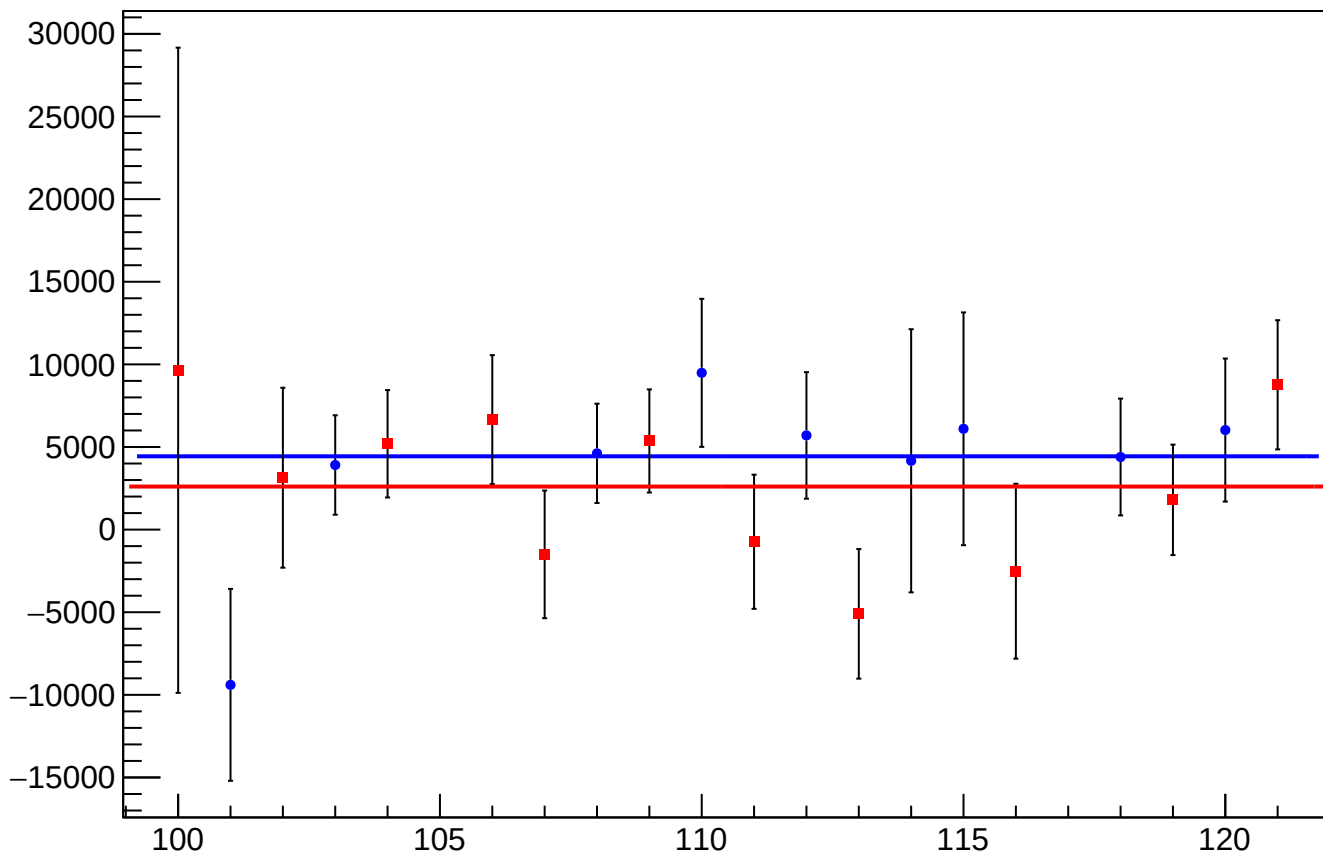
Right: 7026.859+/-1.818 χ^2/NDF : 1135960.8/19

In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7026.859+/-1.818 χ^2/NDF : 1135960.8/19

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4436.563+/-1363.008 χ^2/NDF : 7.3/8

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

Right Out: 2606.073+/-1210.163 χ^2/NDF : 11.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

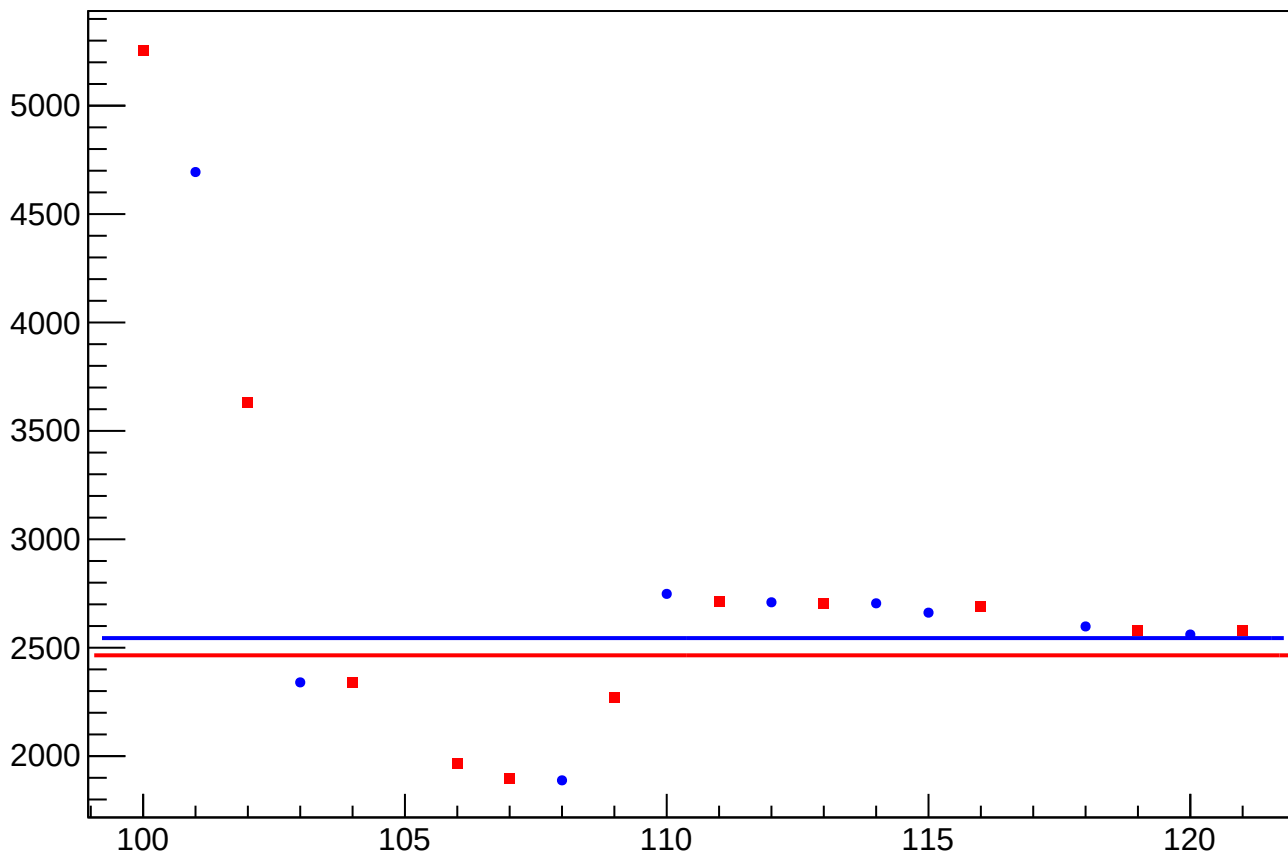
Right: 3412.970+/-904.948 χ^2/NDF : 20.1/19

In: 4436.563+/-1363.008 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3412.970+/-904.948 χ^2/NDF : 20.1/19

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2544.365+/-0.964 χ^2/NDF : 388367.7/8

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

Right Out: 2464.900+/-0.855 χ^2/NDF : 242512.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

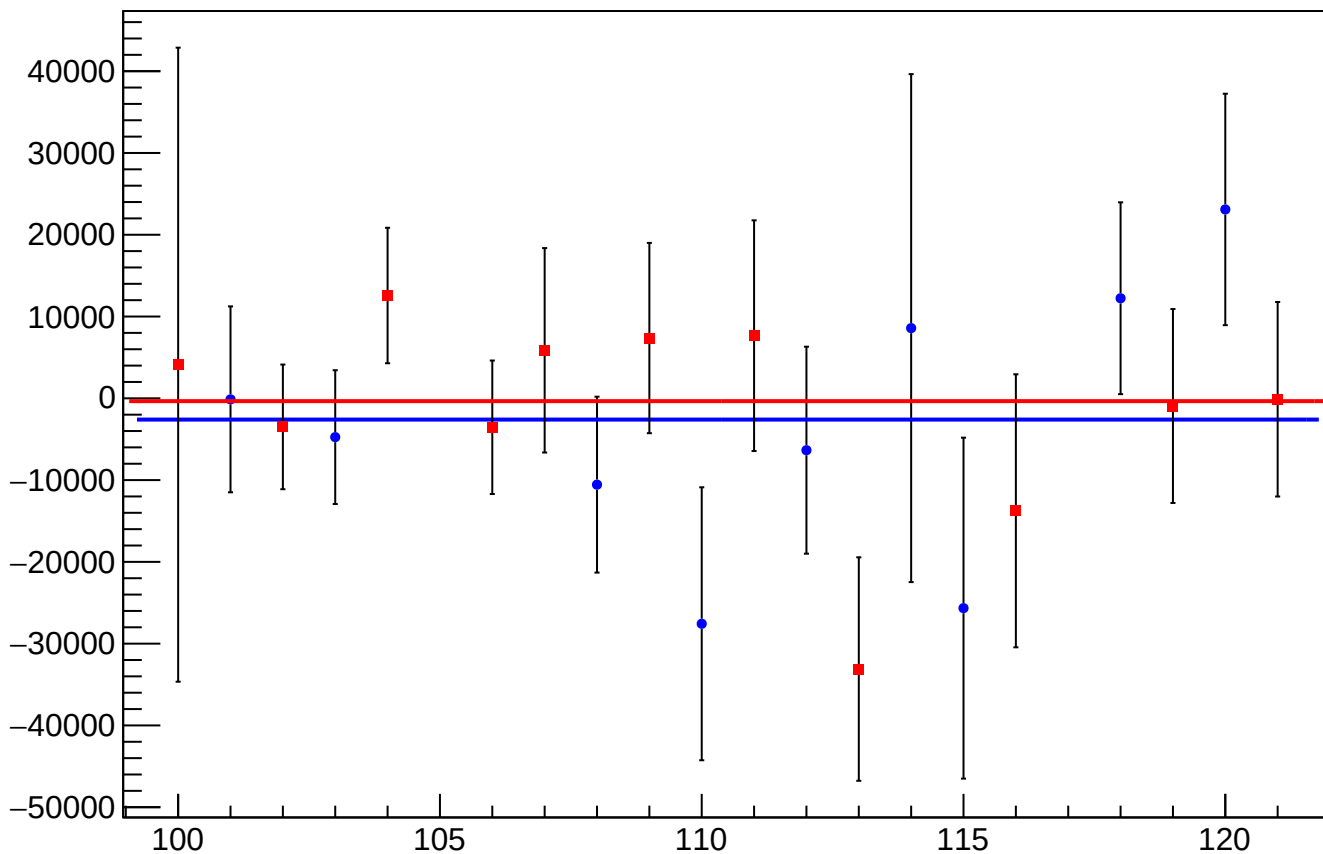
Right: 2499.893+/-0.640 χ^2/NDF : 634684.5/19

In: 2544.365+/-0.964 χ^2/NDF : 388367.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2499.893+/-0.640 χ^2/NDF : 634684.5/19

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2600.312+/-4197.257 χ^2/NDF : 9.2/8

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

Right Out: -345.780+/-3344.411 χ^2/NDF : 10.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

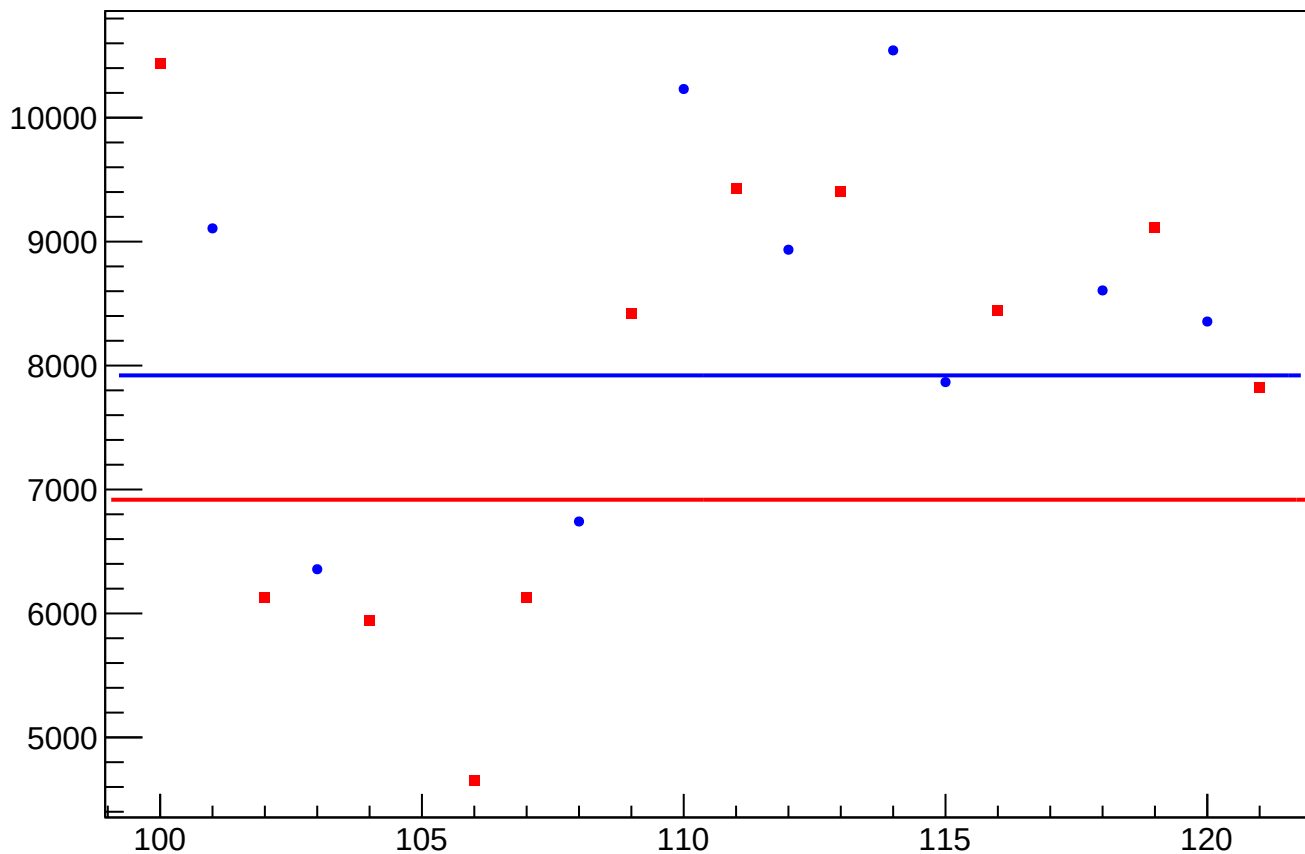
Right: -1221.313+/-2615.613 χ^2/NDF : 19.6/19

In: -2600.312+/-4197.257 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1221.313+/-2615.613 χ^2/NDF : 19.6/19

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7920.673 ± 2.968 $\chi^2/\text{NDF}: 193069.8/8$

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

Right Out: 6917.557 ± 2.365 $\chi^2/\text{NDF}: 487342.8/10$

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

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

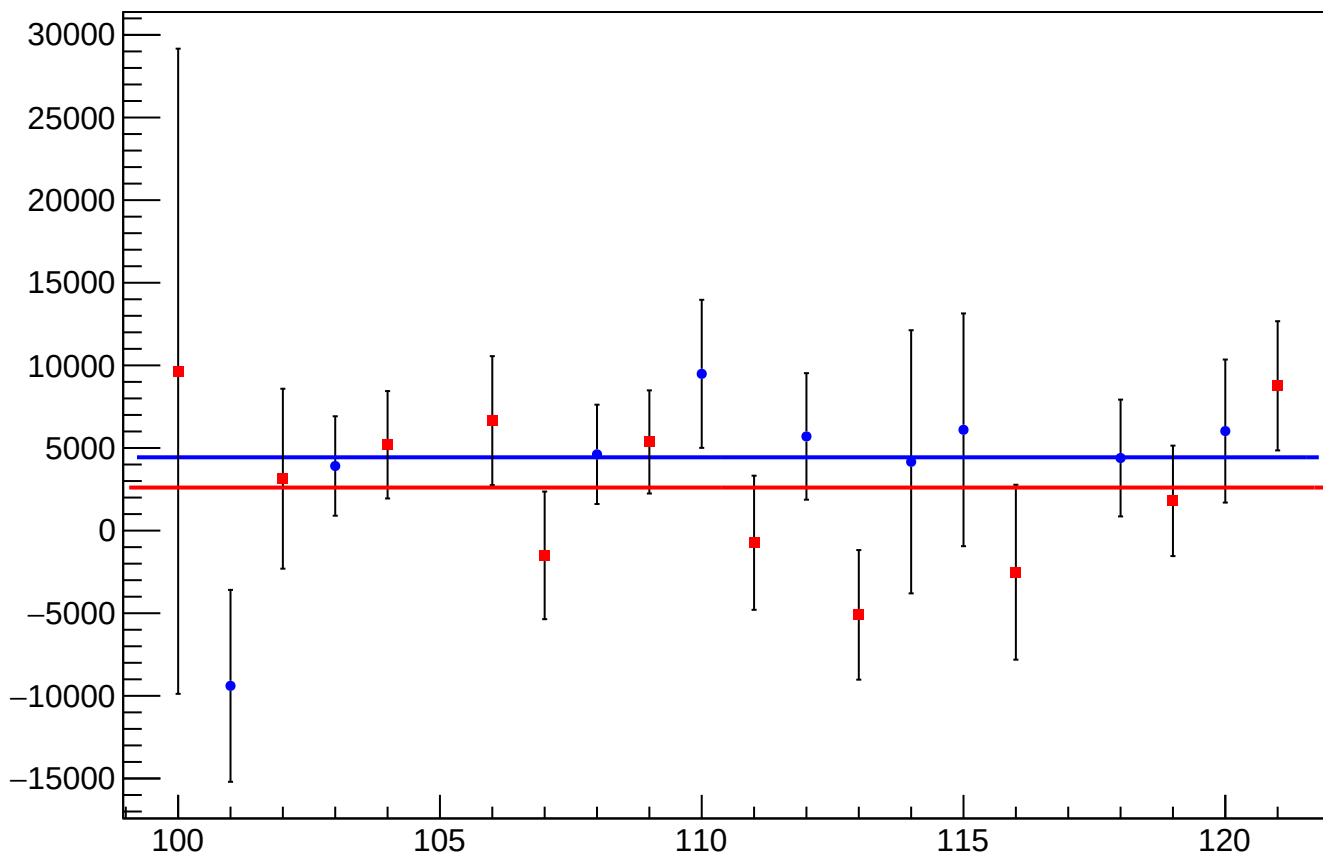
Right: 7307.110 ± 1.850 $\chi^2/\text{NDF}: 750285.4/19$

In: 7920.673 ± 2.968 $\chi^2/\text{NDF}: 193069.8/8$

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

All: 7307.110 ± 1.850 $\chi^2/\text{NDF}: 750285.4/19$

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4436.550+/-1363.008 χ^2/NDF : 7.3/8

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

Right Out: 2606.080+/-1210.163 χ^2/NDF : 11.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

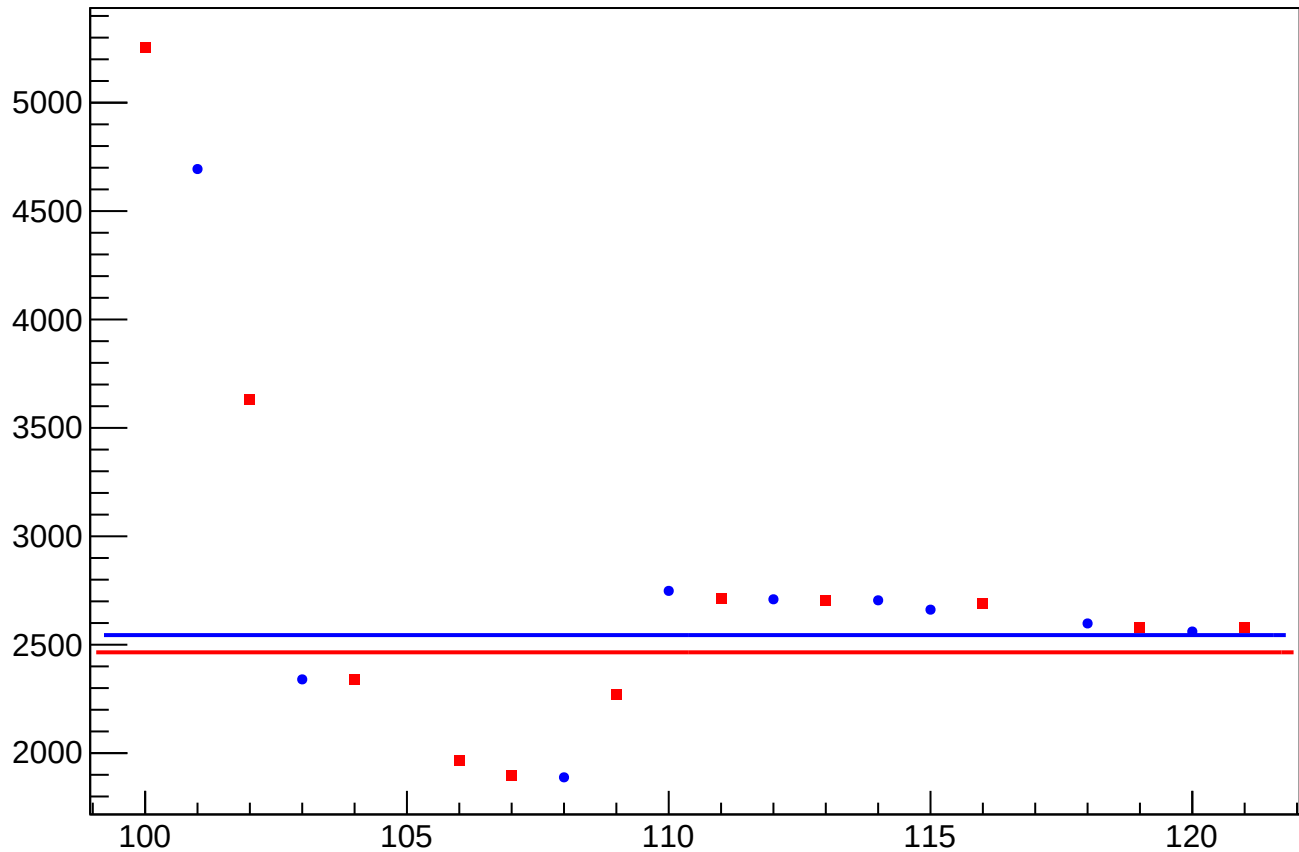
Right: 3412.968+/-904.948 χ^2/NDF : 20.1/19

In: 4436.550+/-1363.008 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3412.968+/-904.948 χ^2/NDF : 20.1/19

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2544.364+/-0.964 χ^2/NDF : 388368.0/8

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

Right Out: 2464.899+/-0.855 χ^2/NDF : 242511.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

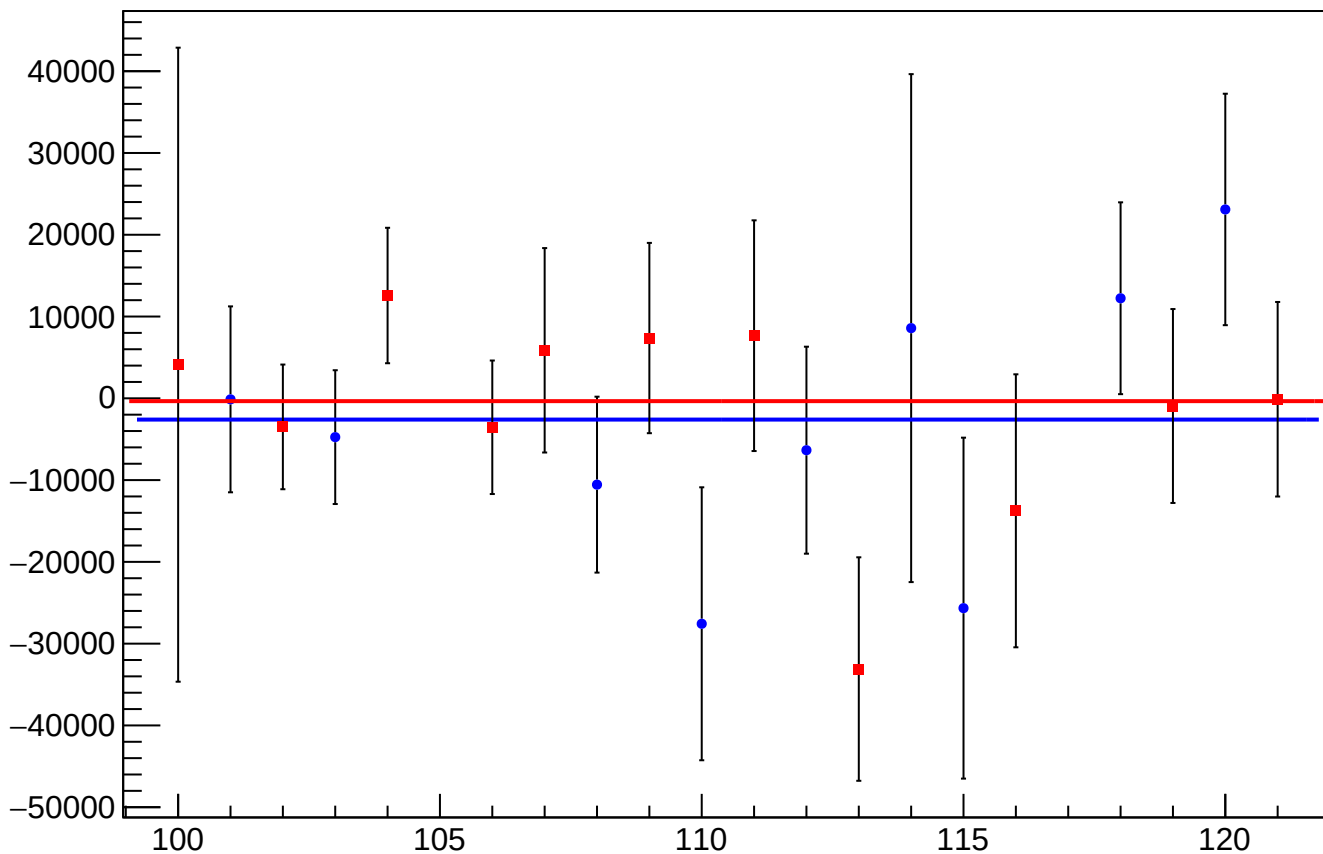
Right: 2499.892+/-0.640 χ^2/NDF : 634684.3/19

In: 2544.364+/-0.964 χ^2/NDF : 388368.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2499.892+/-0.640 χ^2/NDF : 634684.3/19

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2600.300+/-4197.252 χ^2/NDF : 9.2/8

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

Right Out: -345.776+/-3344.405 χ^2/NDF : 10.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

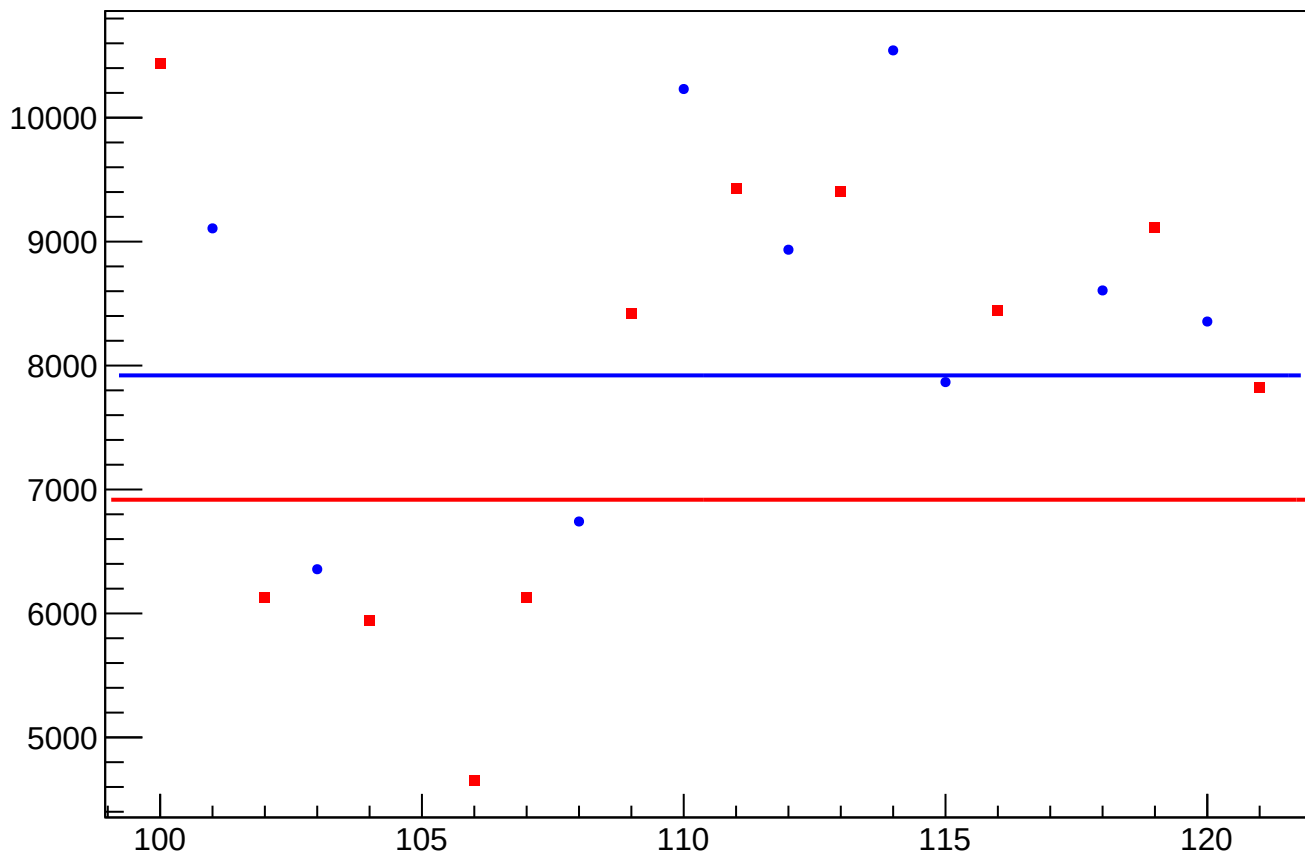
Right: -1221.305+/-2615.609 χ^2/NDF : 19.6/19

In: -2600.300+/-4197.252 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1221.305+/-2615.609 χ^2/NDF : 19.6/19

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7920.663+/-2.968 χ^2/NDF : 193067.1/8

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

Right Out: 6917.545+/-2.365 χ^2/NDF : 487341.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

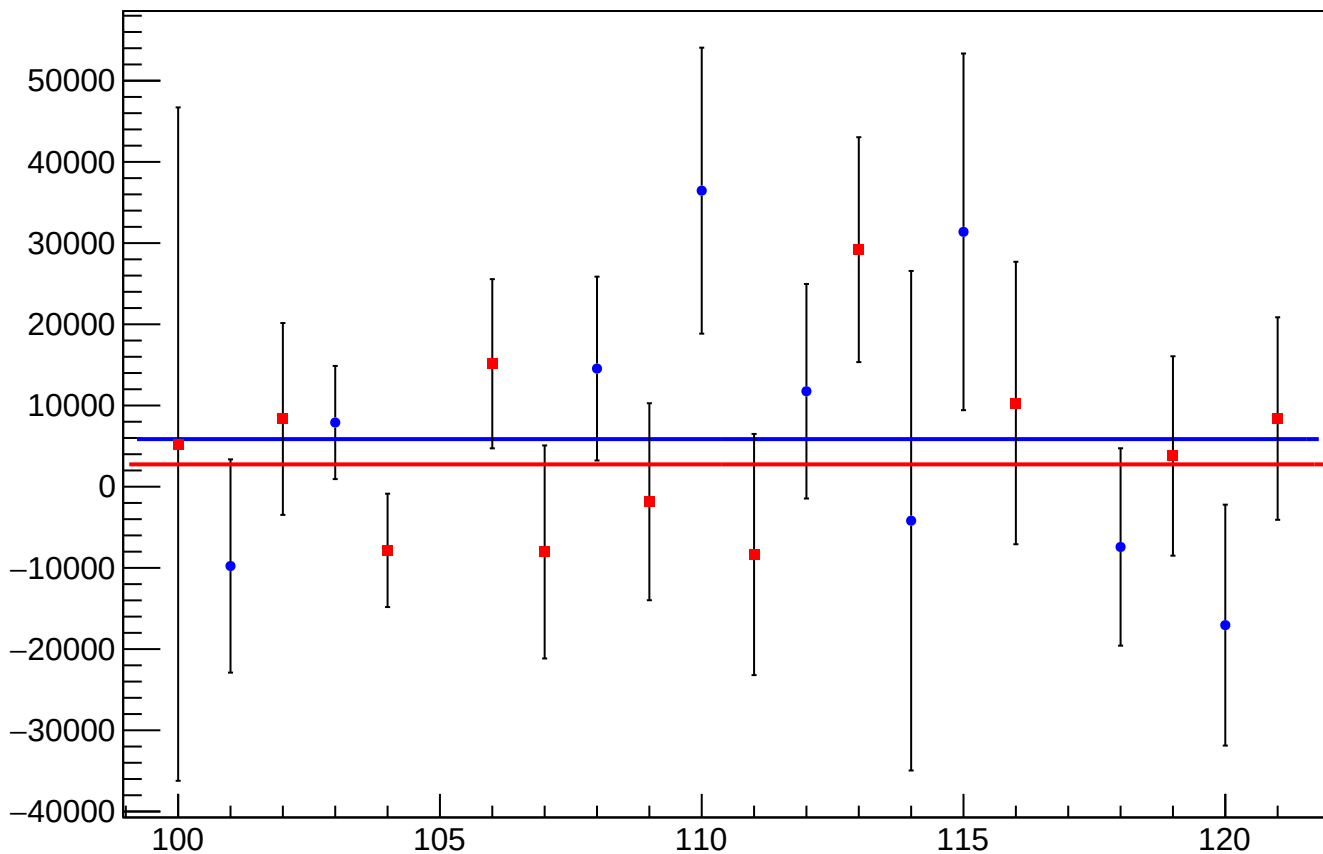
Right: 7307.099+/-1.850 χ^2/NDF : 750281.8/19

In: 7920.663+/-2.968 χ^2/NDF : 193067.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7307.099+/-1.850 χ^2/NDF : 750281.8/19

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5860.737+/-4167.031 χ^2/NDF : 10.3/8

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

Right Out: 2749.984+/-3622.315 χ^2/NDF : 9.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

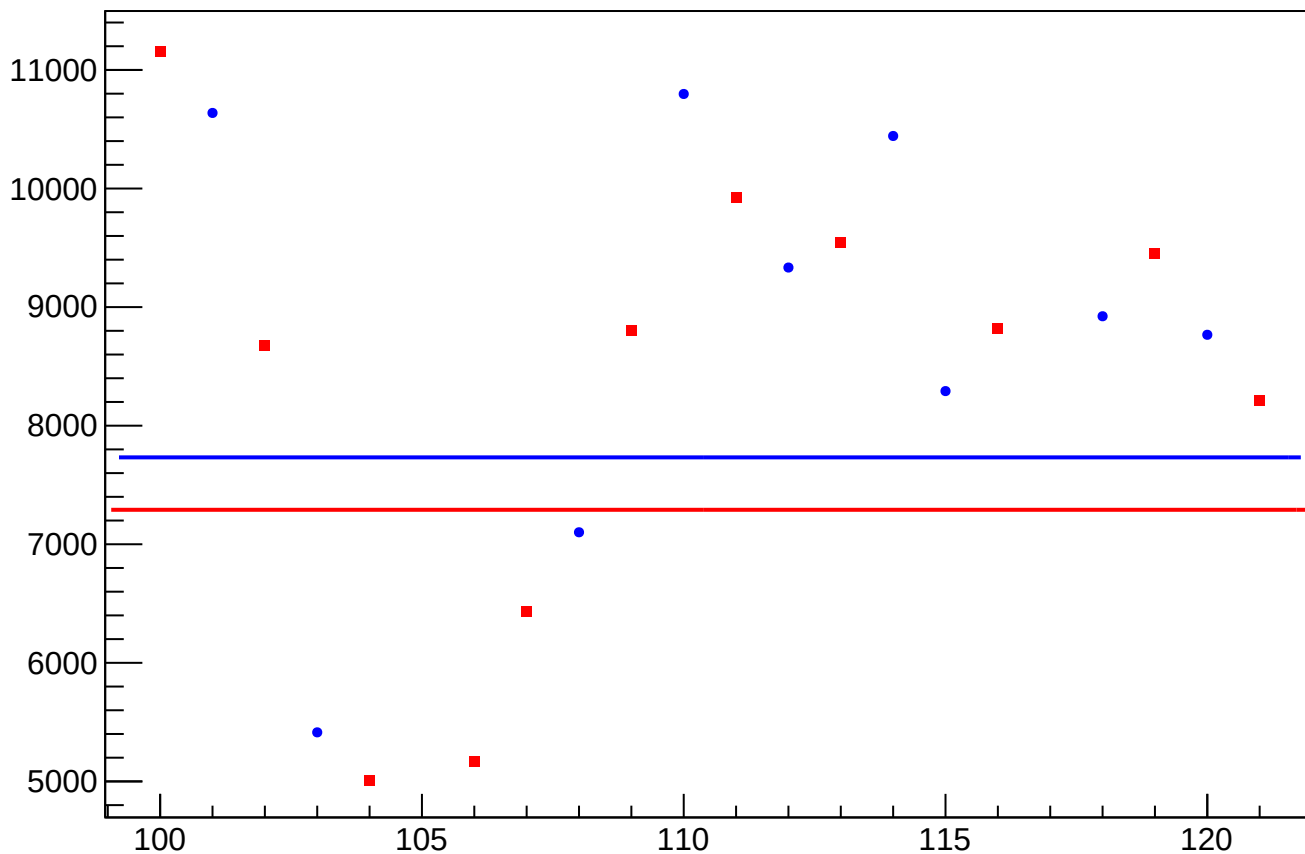
Right: 4088.882+/-2733.806 χ^2/NDF : 20.0/19

In: 5860.737+/-4167.031 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4088.882+/-2733.806 χ^2/NDF : 20.0/19

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7732.754+/-2.947 χ^2/NDF : 461193.0/8

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

Right Out: 7290.625+/-2.561 χ^2/NDF : 584702.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

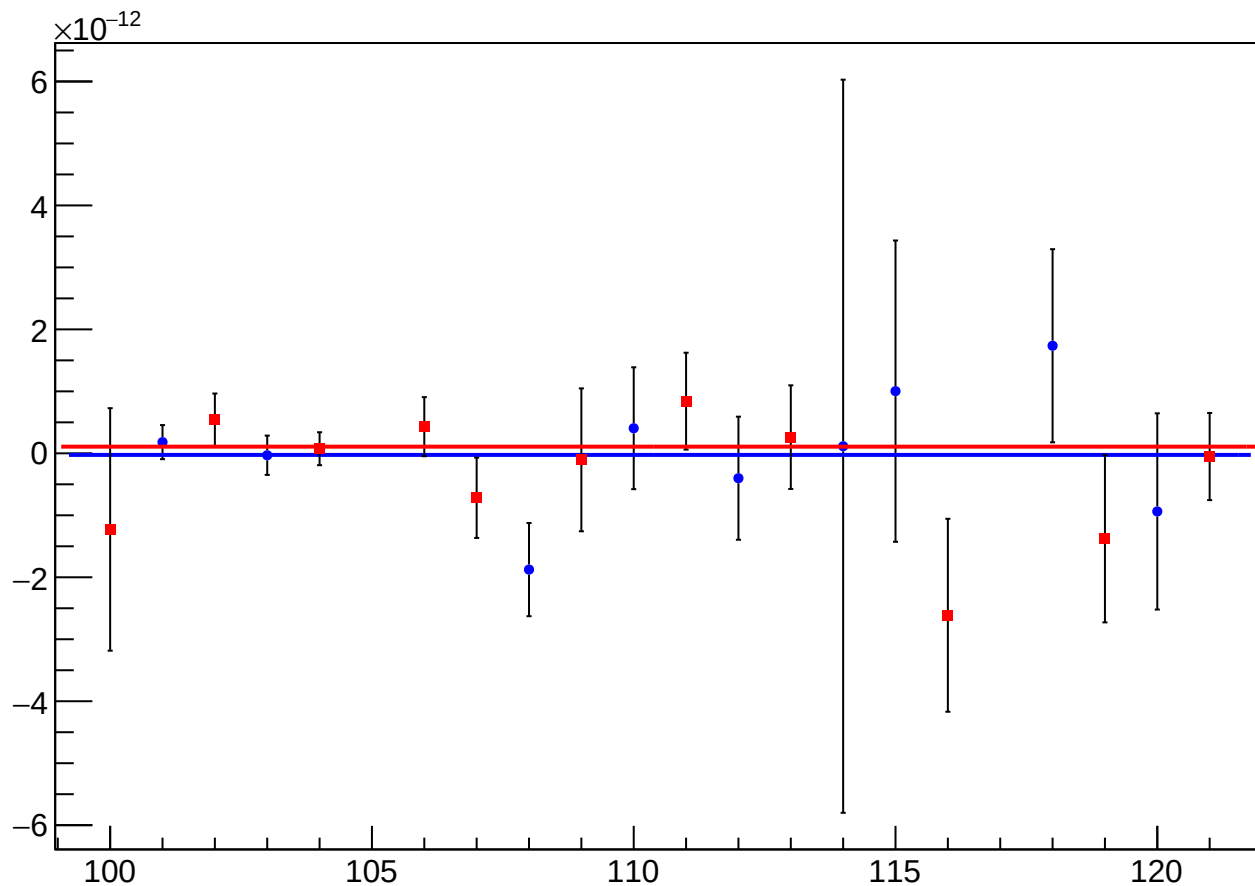
Right: 7480.916+/-1.933 χ^2/NDF : 1058720.1/19

In: 7732.754+/-2.947 χ^2/NDF : 461193.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7480.916+/-1.933 χ^2/NDF : 1058720.1/19

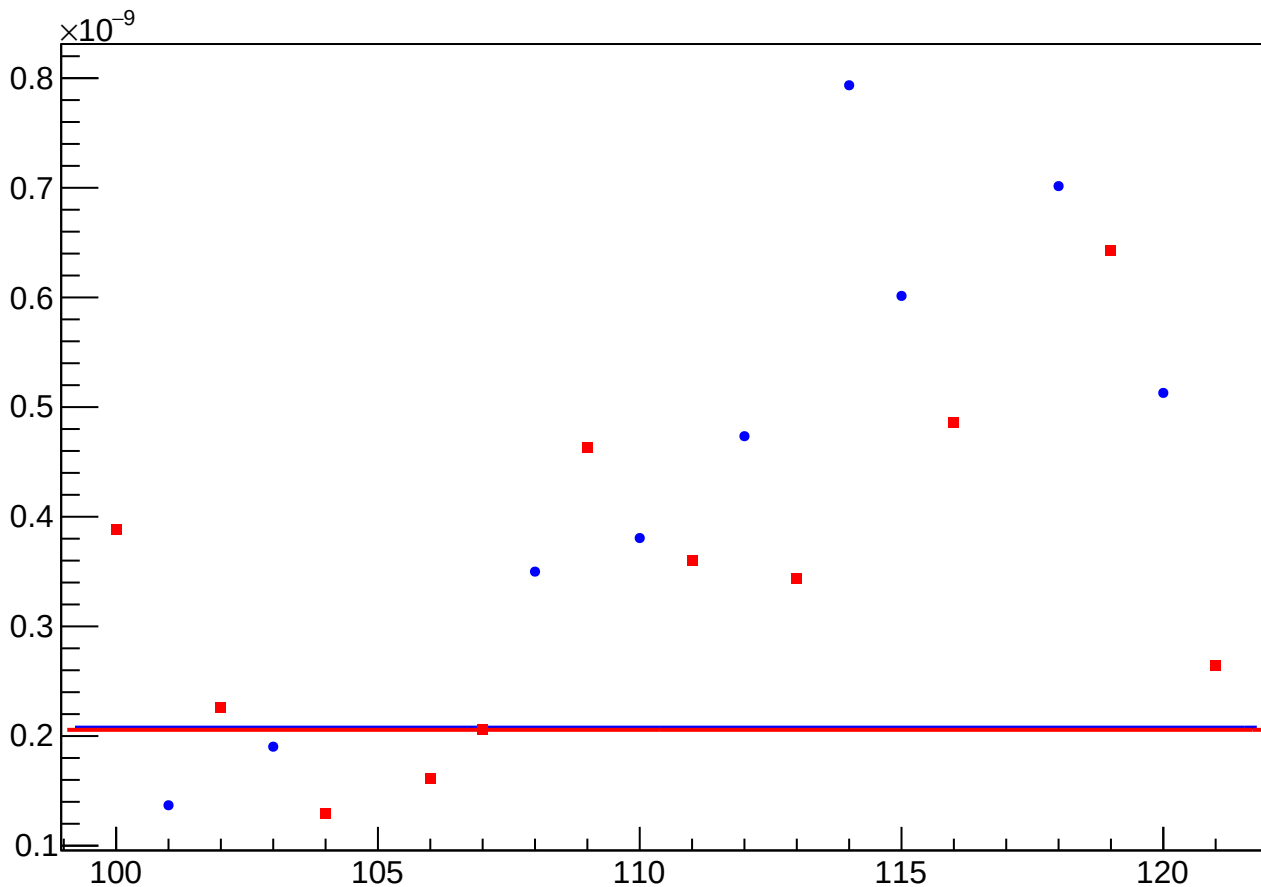
asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 17.9/19
 In: -0.000+/-0.000 χ^2/NDF : 8.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 17.9/19

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 762618.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 725419.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

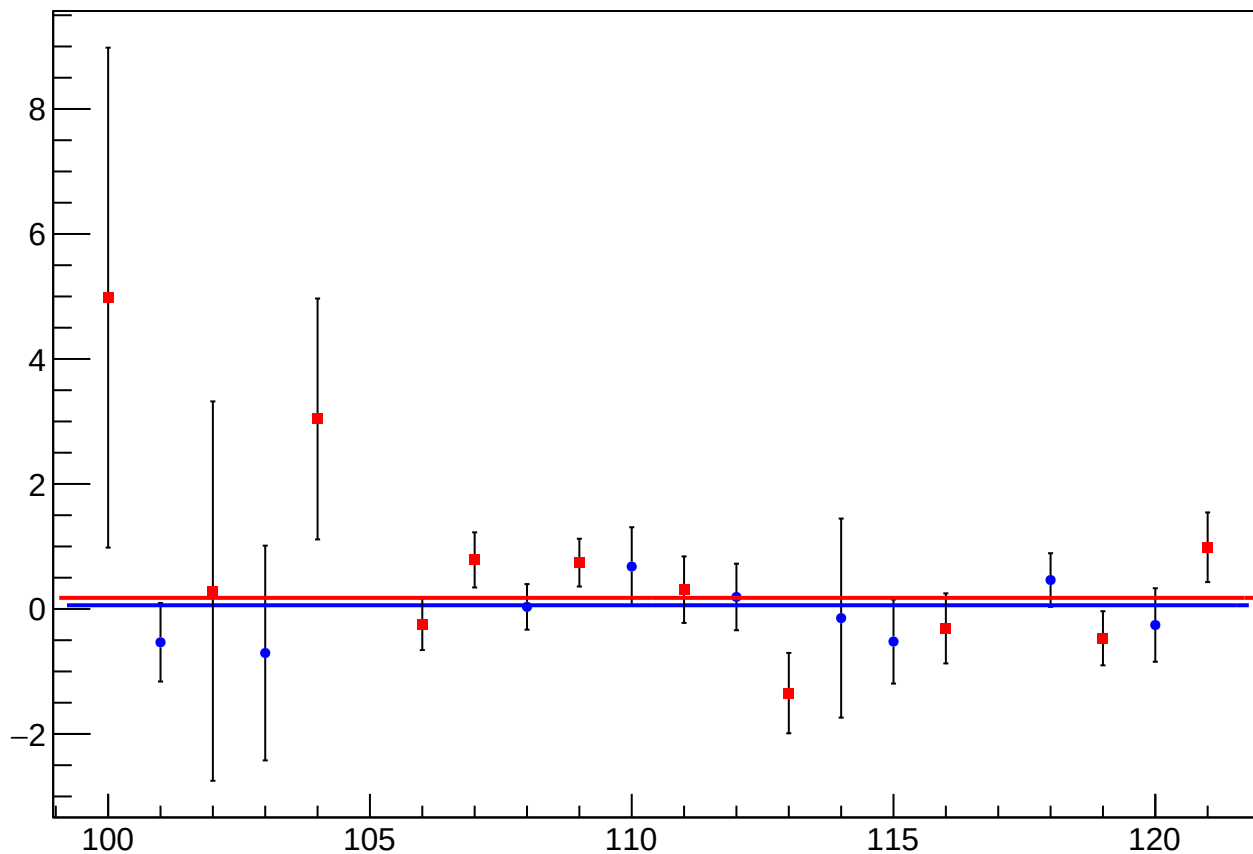
Right: 0.000+/-0.000 χ^2/NDF : 1488159.5/19

In: 0.000+/-0.000 χ^2/NDF : 762618.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1488159.5/19

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.178 $\pm$ 0.167 χ^2/NDF : 19.5/10

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

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

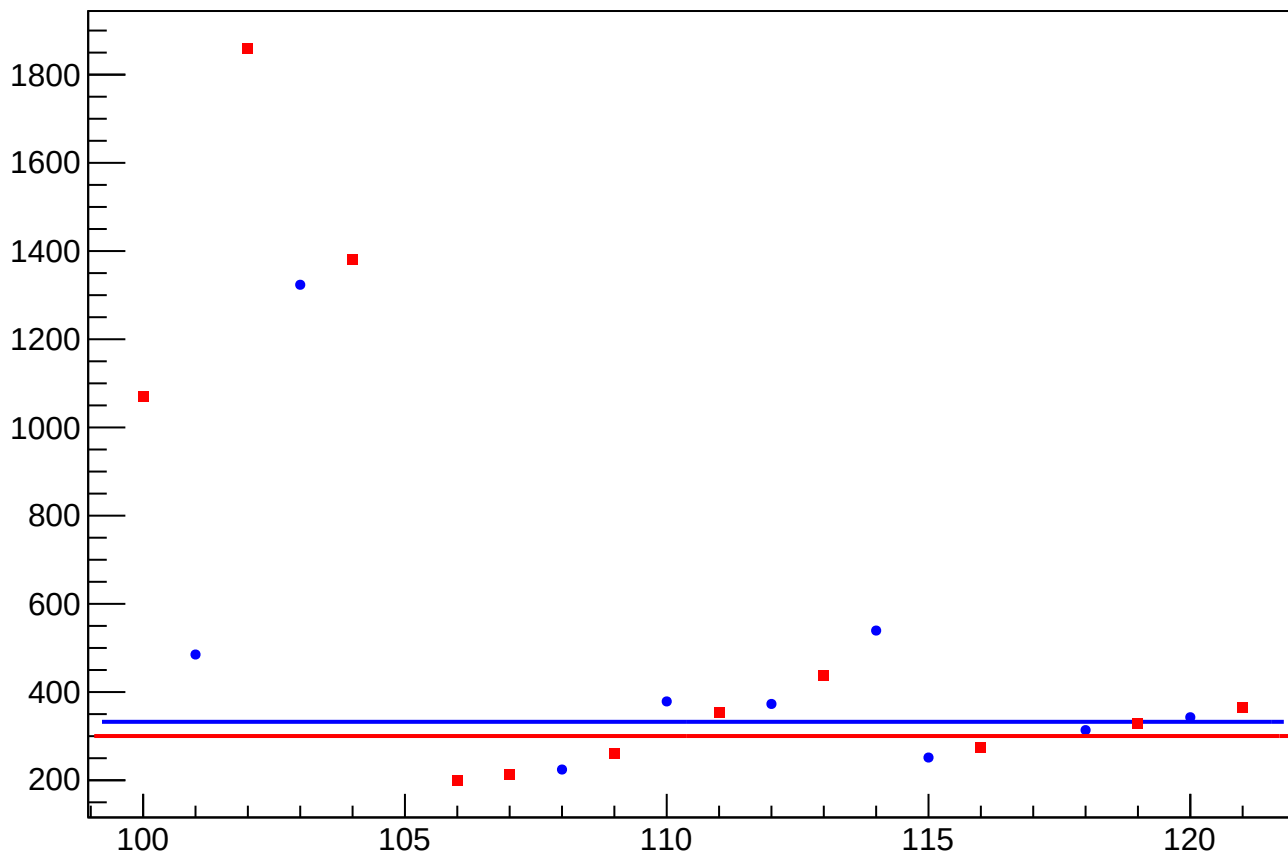
Right: 0.126 $\pm$ 0.126 χ^2/NDF : 23.8/19

In: 0.059 $\pm$ 0.191 χ^2/NDF : 4.1/8

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

All: 0.126 $\pm$ 0.126 χ^2/NDF : 23.8/19

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

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

Right Out: 300.298+/-0.118 χ^2/NDF : 1599401.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

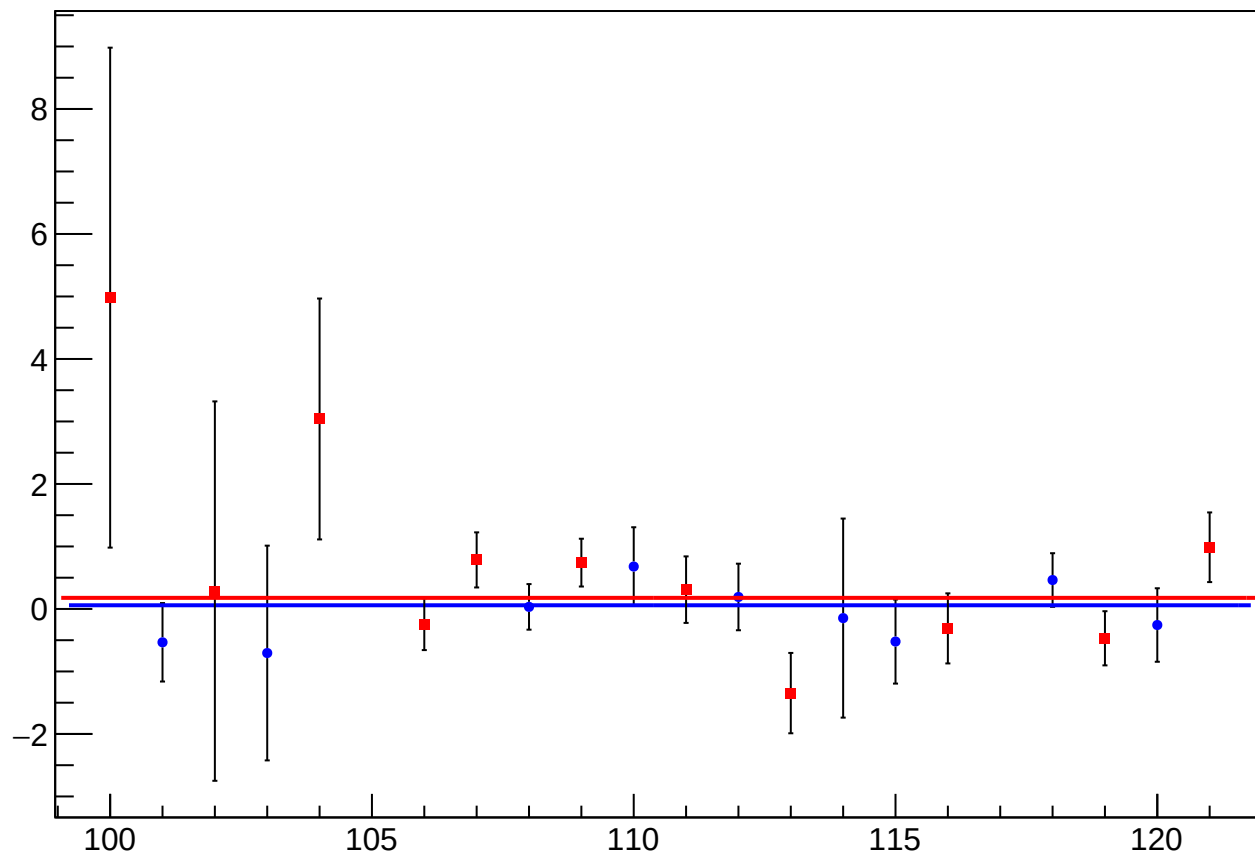
Right: 314.237+/-0.089 χ^2/NDF : 2681005.1/19

In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.237+/-0.089 χ^2/NDF : 2681005.1/19

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.178+/-0.167 χ^2/NDF : 19.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

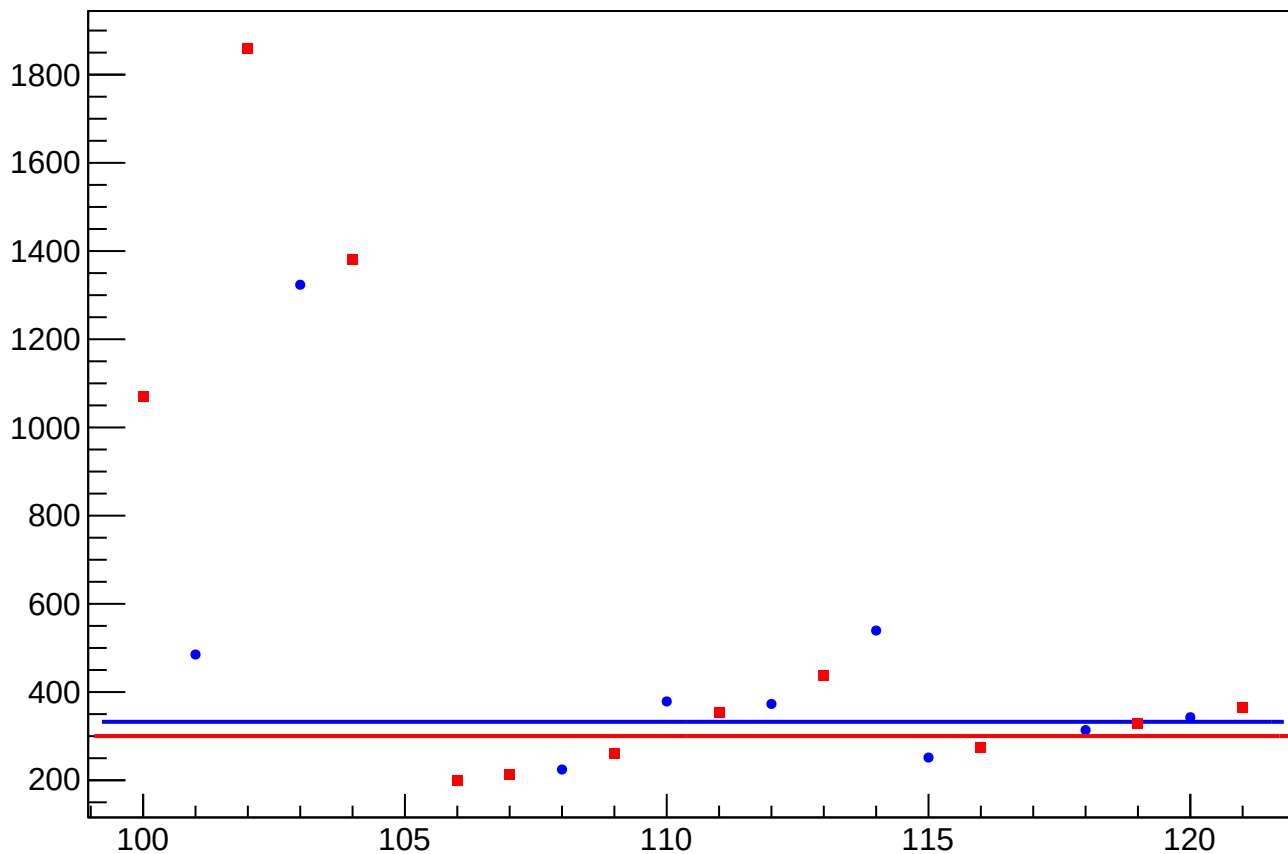
Right: 0.126+/-0.126 χ^2/NDF : 23.8/19

In: 0.059+/-0.191 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.126+/-0.126 χ^2/NDF : 23.8/19

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

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

Right Out: 300.298+/-0.118 χ^2/NDF : 1599401.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

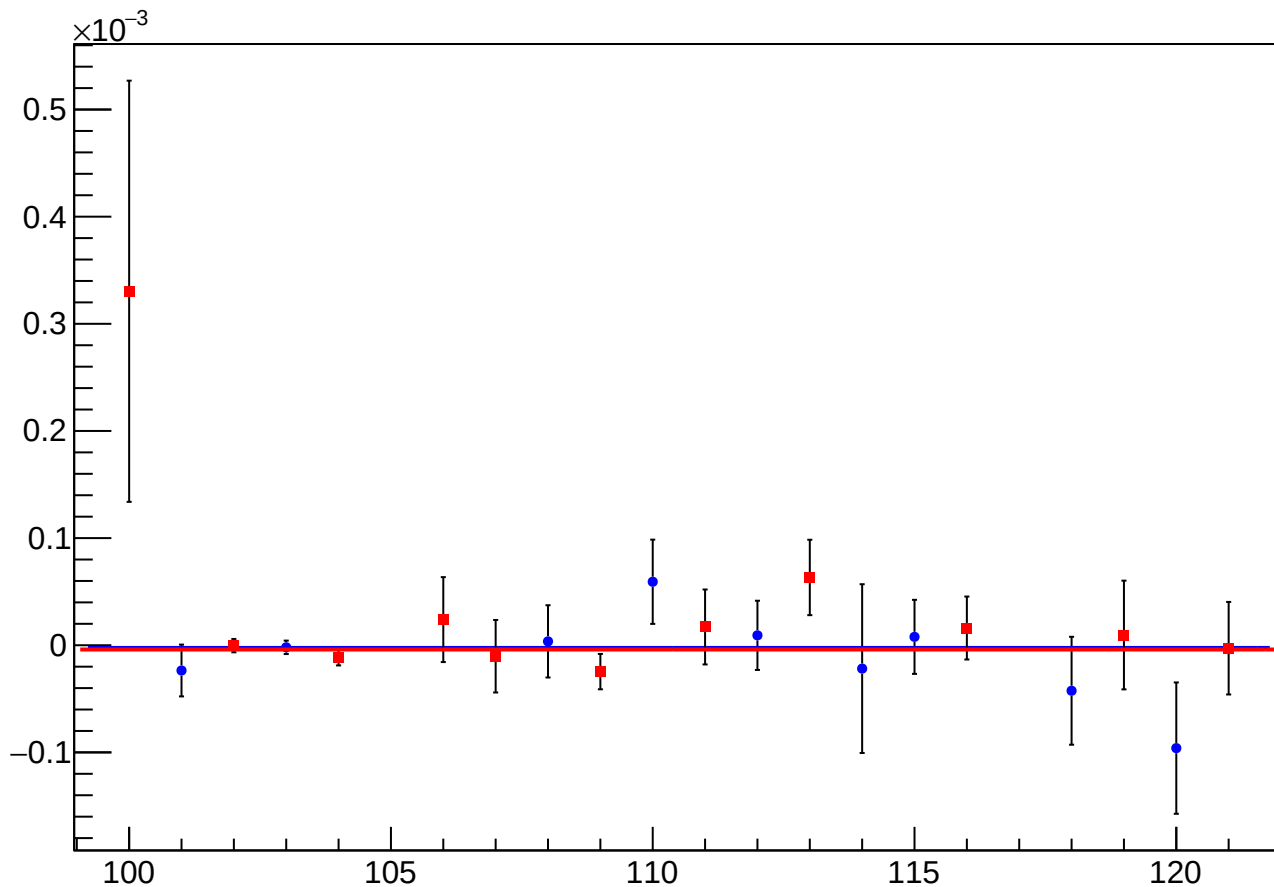
Right: 314.237+/-0.089 χ^2/NDF : 2681005.1/19

In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.237+/-0.089 χ^2/NDF : 2681005.1/19

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

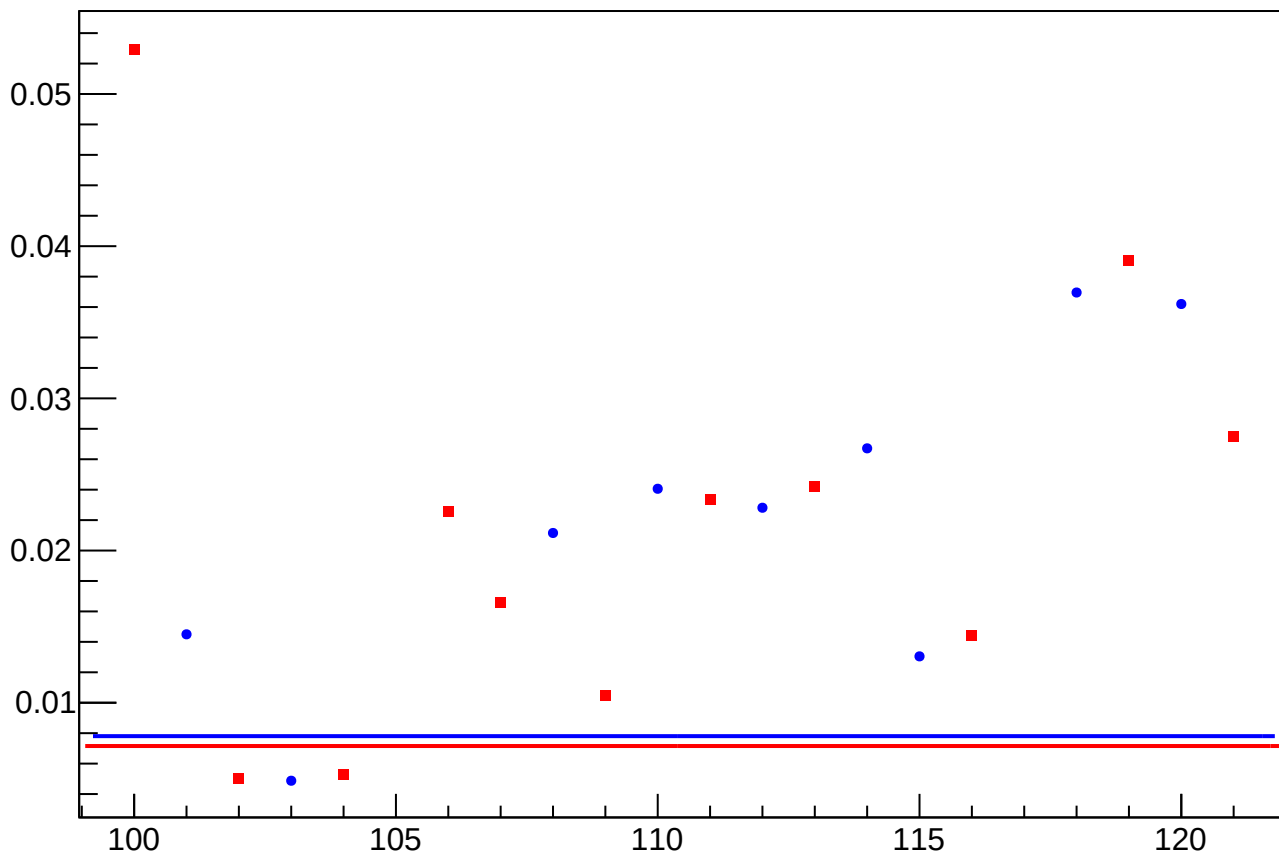
Right: -0.000+/-0.000 χ^2/NDF : 17.5/19

In: -0.000+/-0.000 χ^2/NDF :6.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.5/19

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2938010.4/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 3272080.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

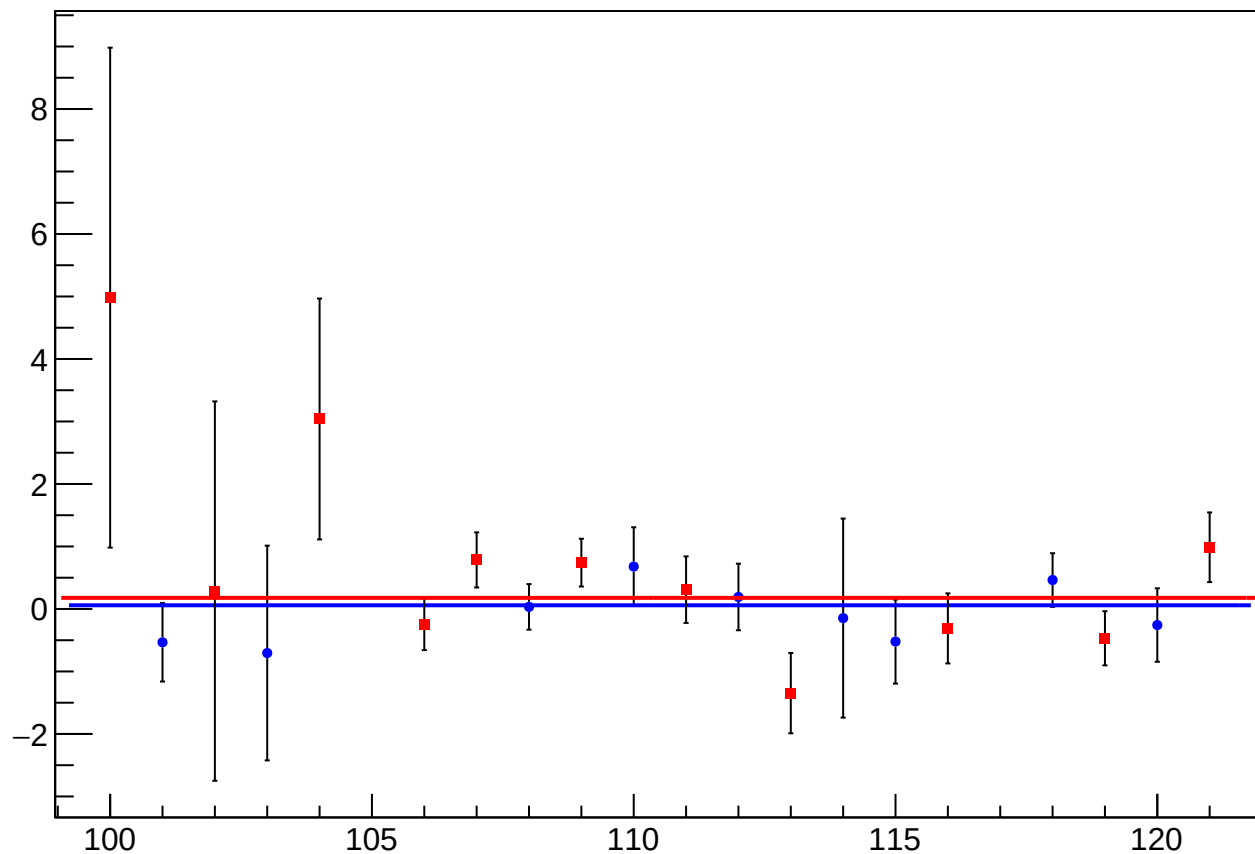
Right: 0.007+/-0.000 χ^2/NDF : 6226720.8/19

In: 0.008+/-0.000 χ^2/NDF : 2938010.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 6226720.8/19

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.178+/-0.167 χ^2/NDF : 19.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

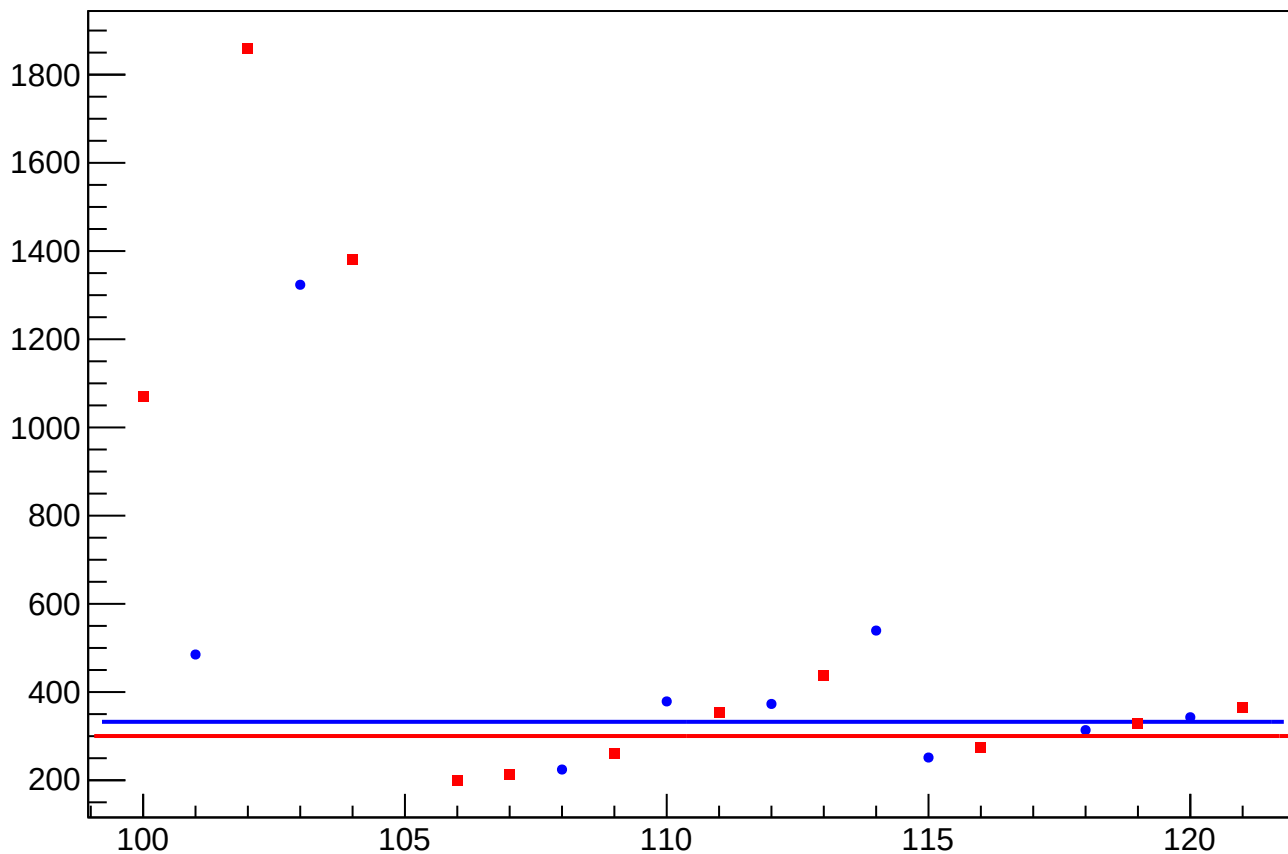
Right: 0.126+/-0.126 χ^2/NDF : 23.8/19

In: 0.059+/-0.191 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.126+/-0.126 χ^2/NDF : 23.8/19

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.517+/-0.135 χ^2/NDF : 1049368.0/8

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

Right Out: 300.298+/-0.118 χ^2/NDF : 1599399.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

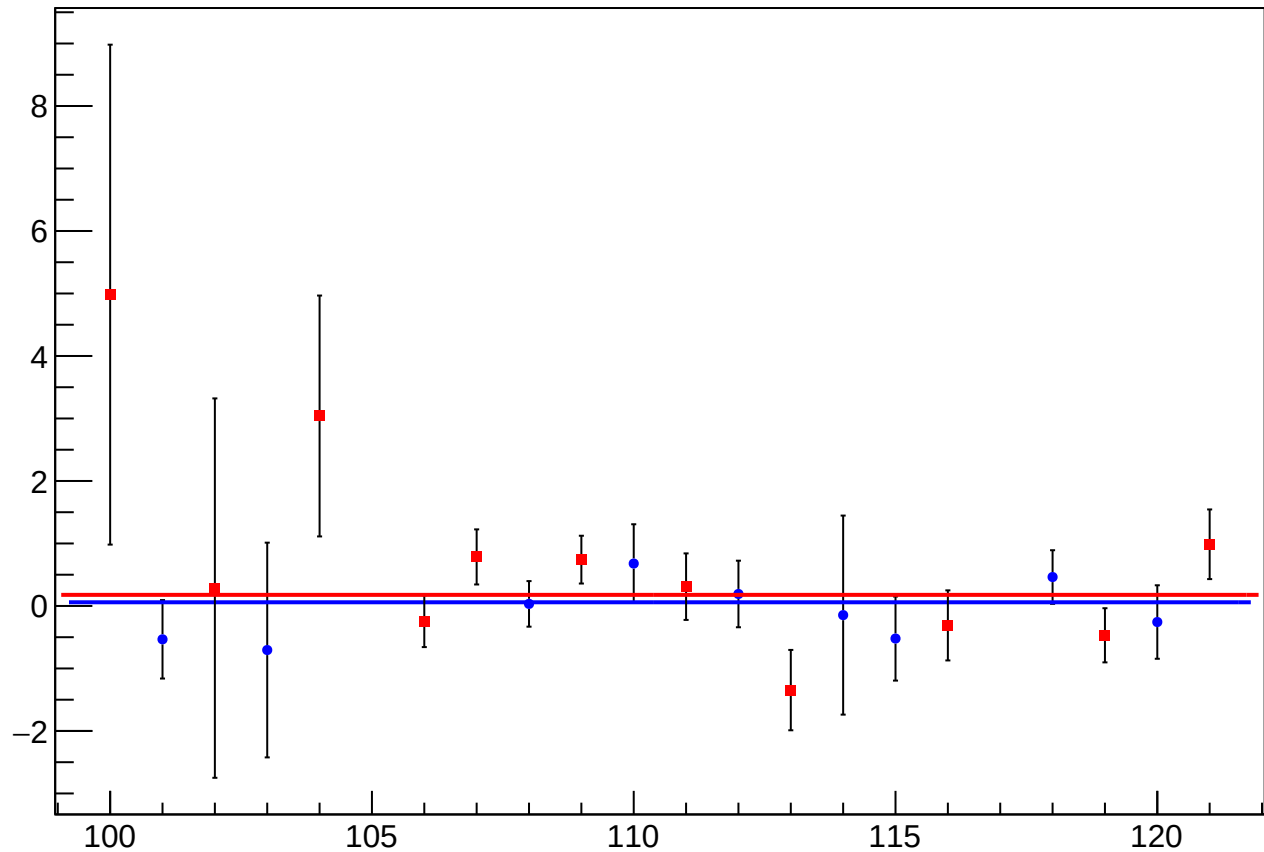
Right: 314.236+/-0.089 χ^2/NDF : 2681020.1/19

In: 332.517+/-0.135 χ^2/NDF : 1049368.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.236+/-0.089 χ^2/NDF : 2681020.1/19

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.178+/-0.167 χ^2/NDF : 19.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

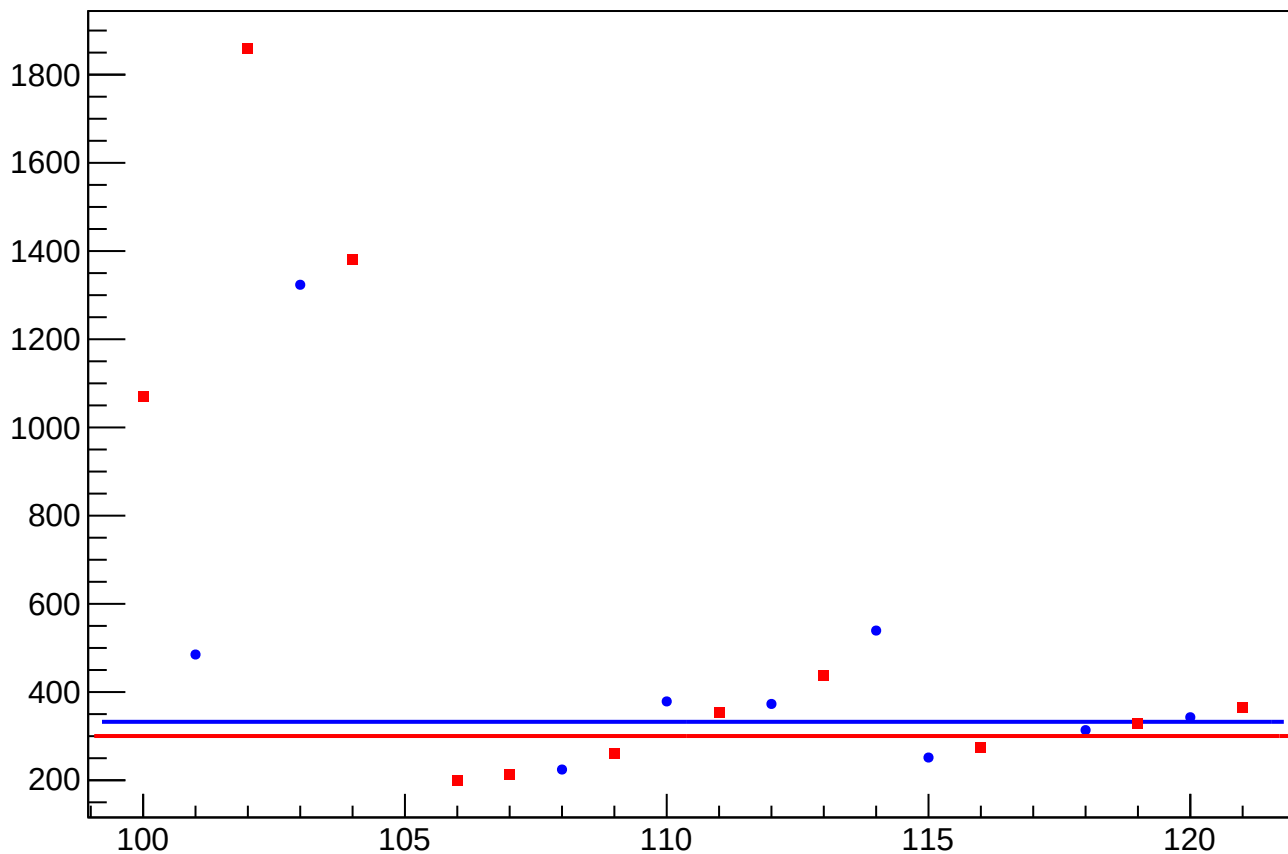
Right: 0.126+/-0.126 χ^2/NDF : 23.8/19

In: 0.059+/-0.191 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.126+/-0.126 χ^2/NDF : 23.8/19

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.517+/-0.135 χ^2/NDF : 1049368.0/8

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

Right Out: 300.298+/-0.118 χ^2/NDF : 1599399.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

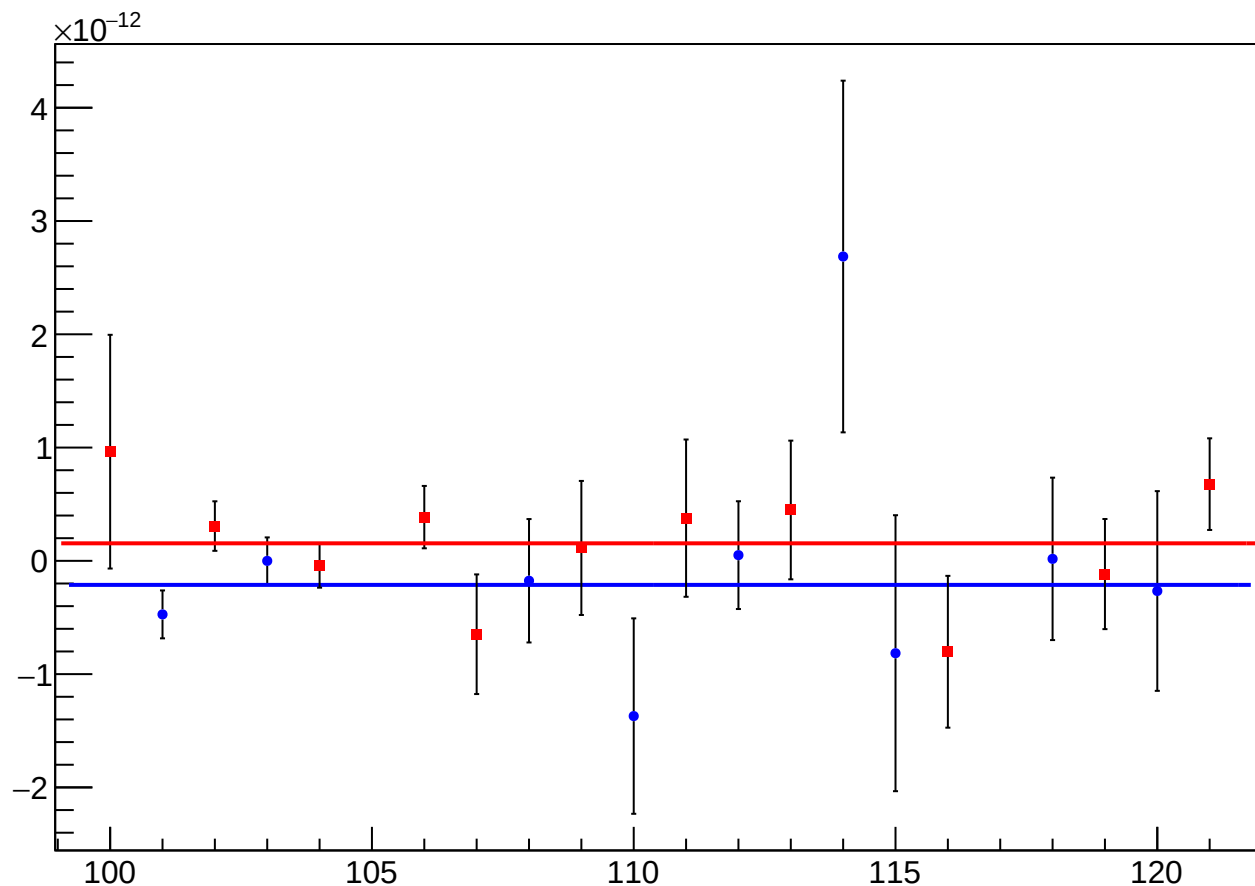
Right: 314.236+/-0.089 χ^2/NDF : 2681020.1/19

In: 332.517+/-0.135 χ^2/NDF : 1049368.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.236+/-0.089 χ^2/NDF : 2681020.1/19

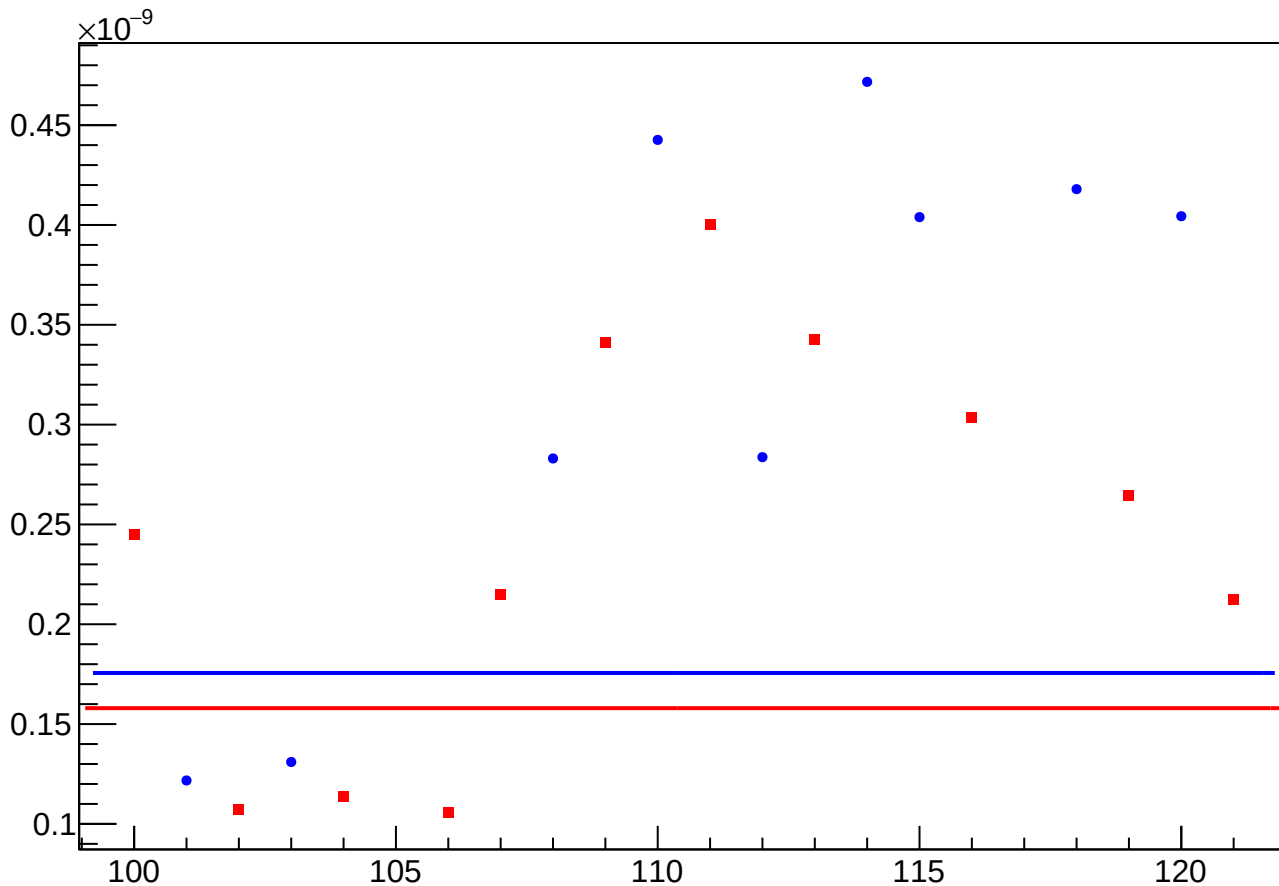
asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 22.7/19
 In: -0.000+/-0.000 χ^2/NDF : 8.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 22.7/19

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101230.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1163898.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

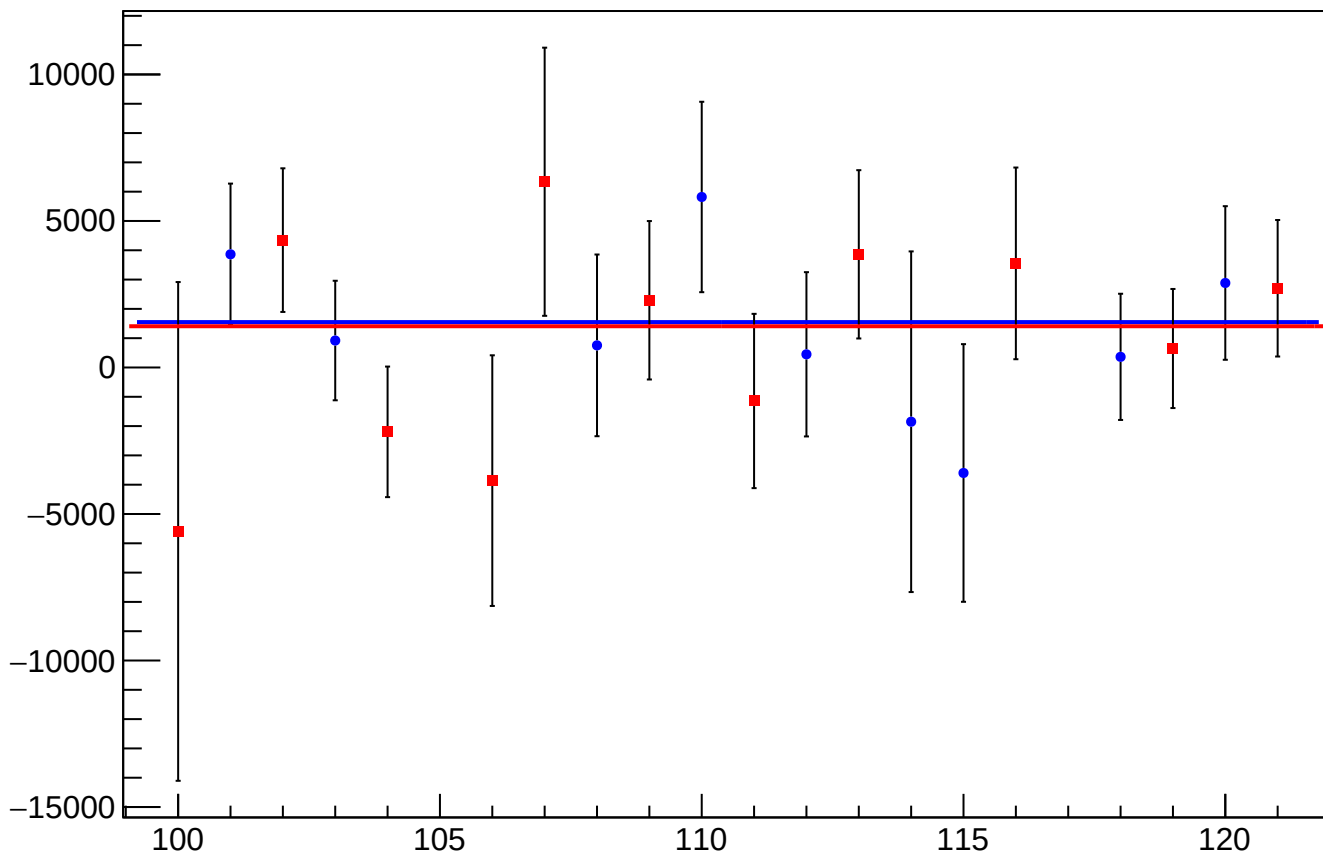
Right: 0.000+/-0.000 χ^2/NDF : 2286791.6/19

In: 0.000+/-0.000 χ^2/NDF : 1101230.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2286791.6/19

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1548.995+/-920.240 χ^2/NDF : 5.2/8

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

Right Out: 1407.298+/-852.692 χ^2/NDF : 9.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

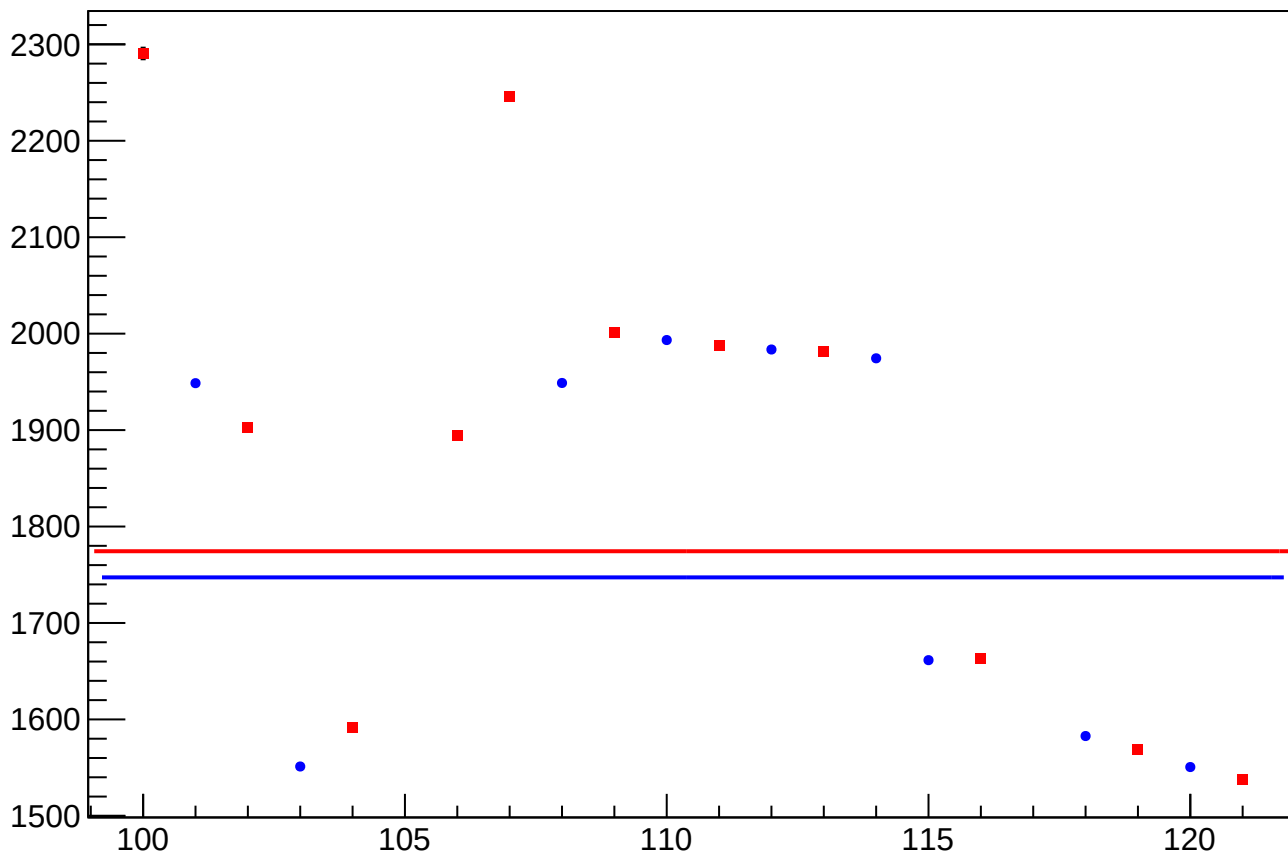
Right: 1472.756+/-625.463 χ^2/NDF : 15.1/19

In: 1548.995+/-920.240 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1472.756+/-625.463 χ^2/NDF : 15.1/19

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1747.277+/-0.651 χ^2/NDF : 93319.7/8

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

Right Out: 1774.389+/-0.598 χ^2/NDF : 127979.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

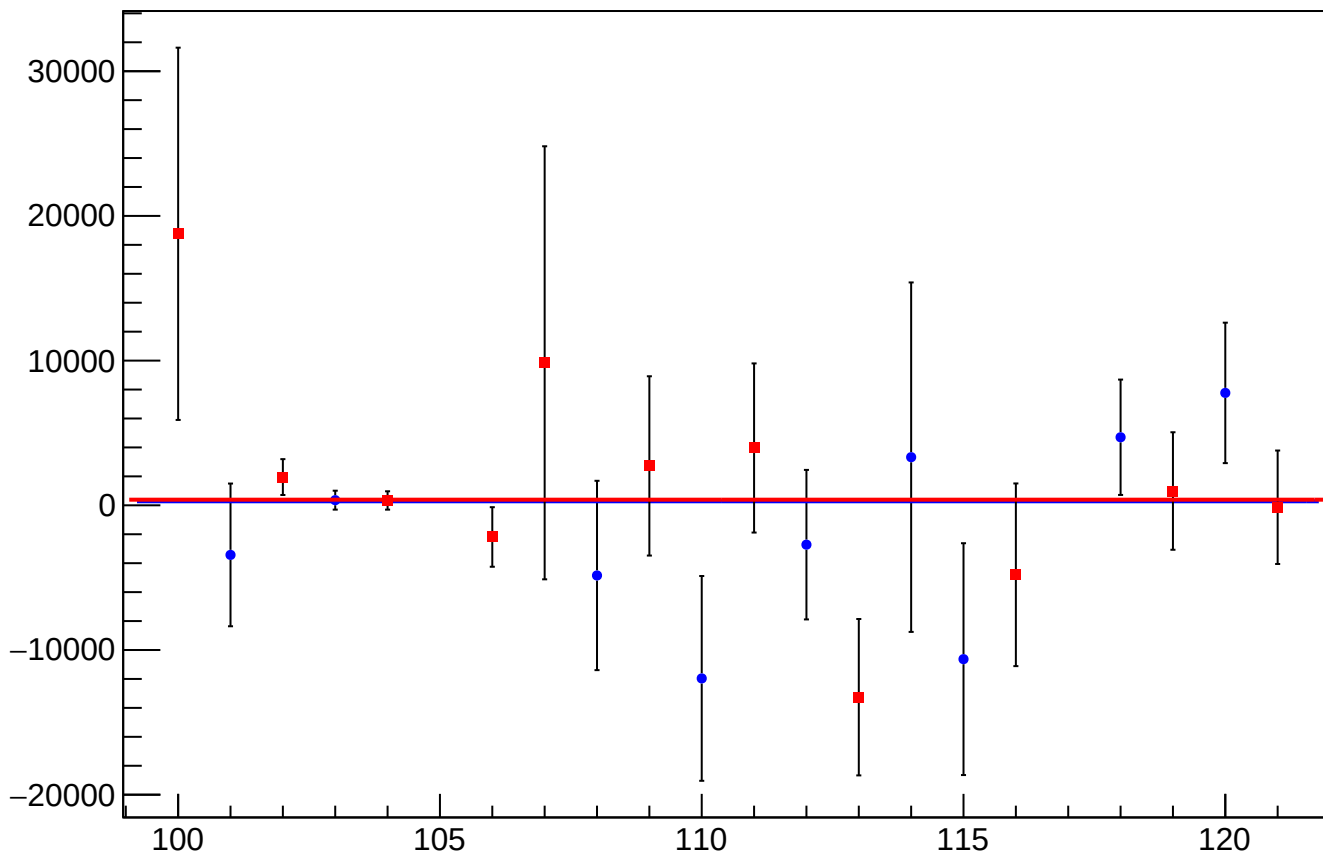
Right: 1761.977+/-0.440 χ^2/NDF : 222240.8/19

In: 1747.277+/-0.651 χ^2/NDF : 93319.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.977+/-0.440 χ^2/NDF : 222240.8/19

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 278.330+/-621.630 χ^2/NDF : 10.1/8

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

Right Out: 388.715+/-525.201 χ^2/NDF : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

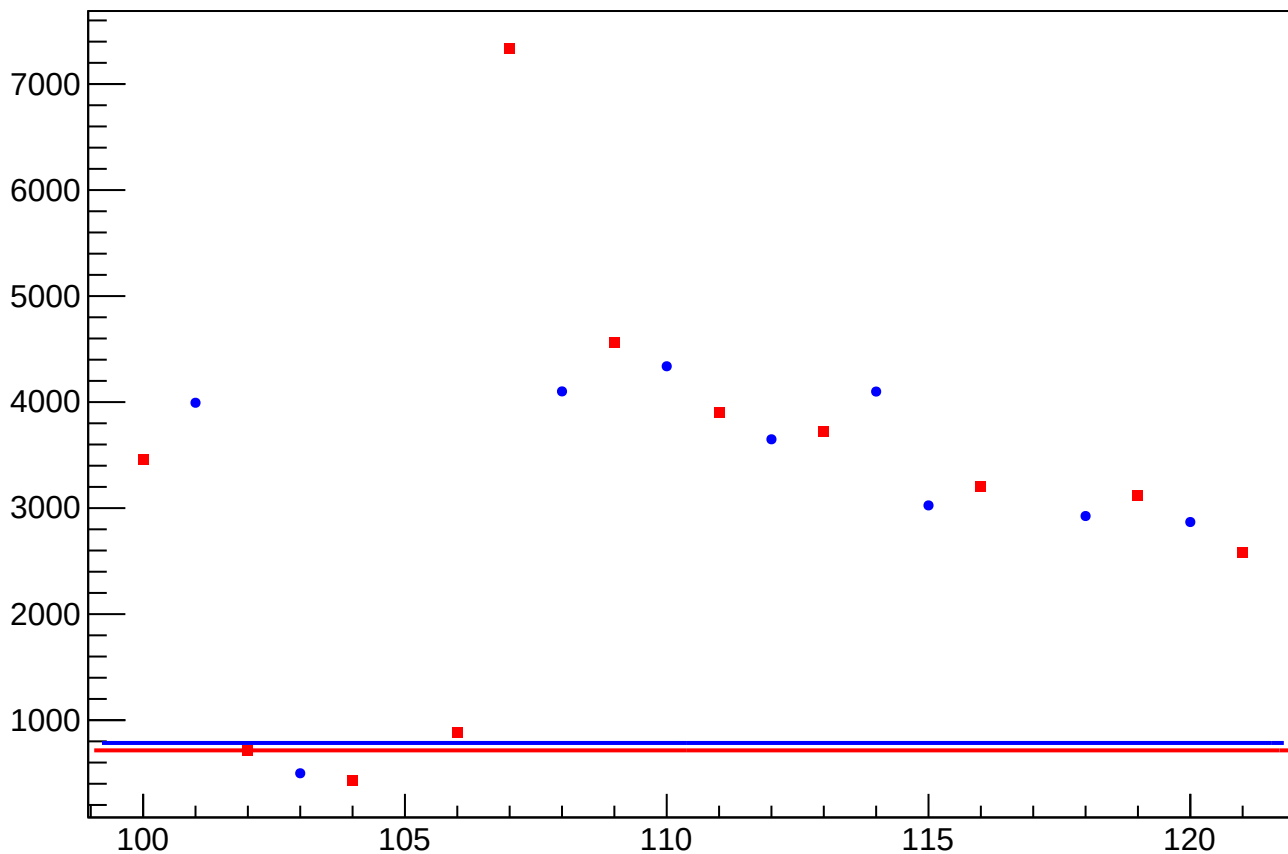
Right: 342.739+/-401.184 χ^2/NDF : 23.3/19

In: 278.330+/-621.630 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.739+/-401.184 χ^2/NDF : 23.3/19

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 784.842+/-0.440 χ^2/NDF : 4114473.3/8

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

Right Out: 714.956+/-0.371 χ^2/NDF : 4355486.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

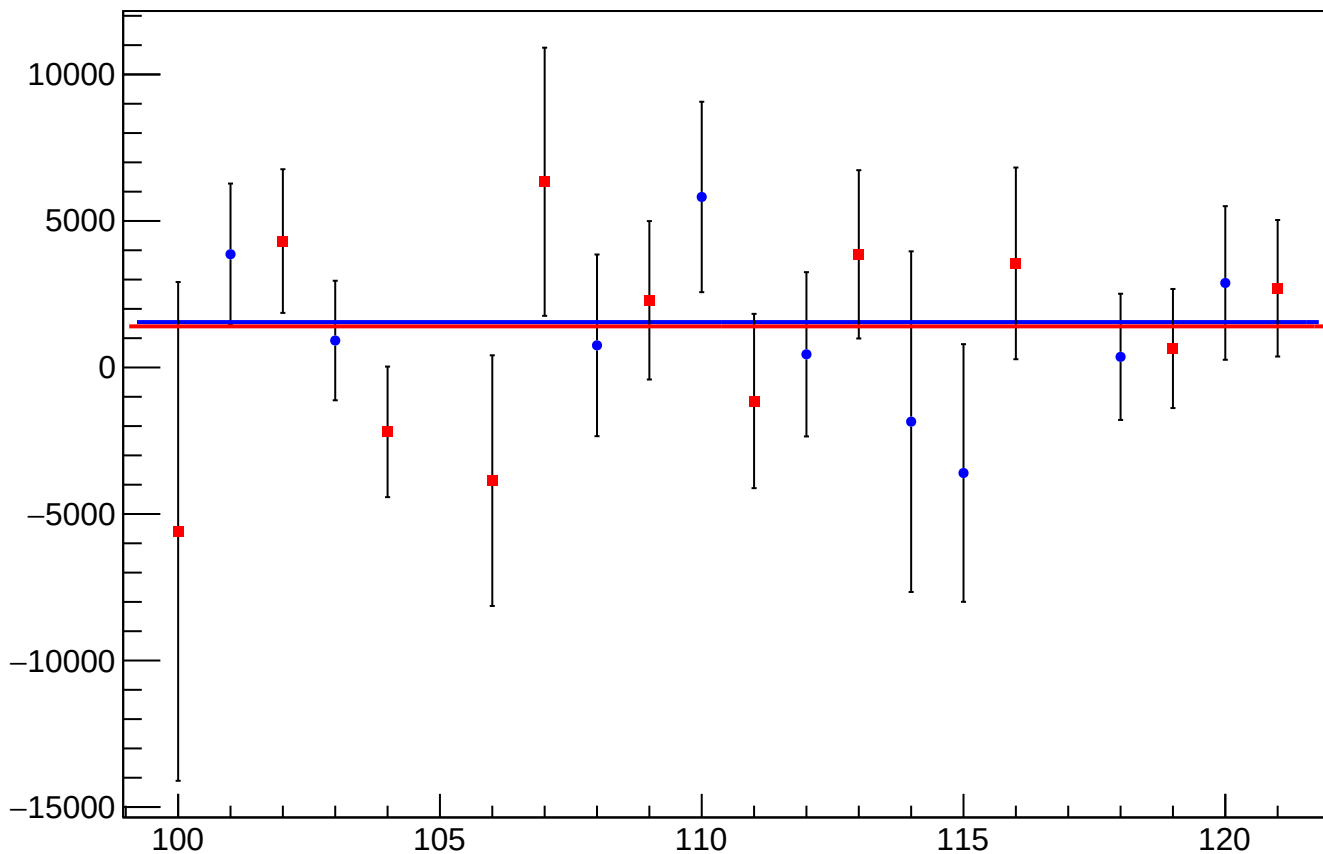
Right: 744.064+/-0.284 χ^2/NDF : 8484708.9/19

In: 784.842+/-0.440 χ^2/NDF : 4114473.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 744.064+/-0.284 χ^2/NDF : 8484708.9/19

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1549.313+/-920.241 χ^2/NDF : 5.2/8

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

Right Out: 1403.025+/-852.704 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

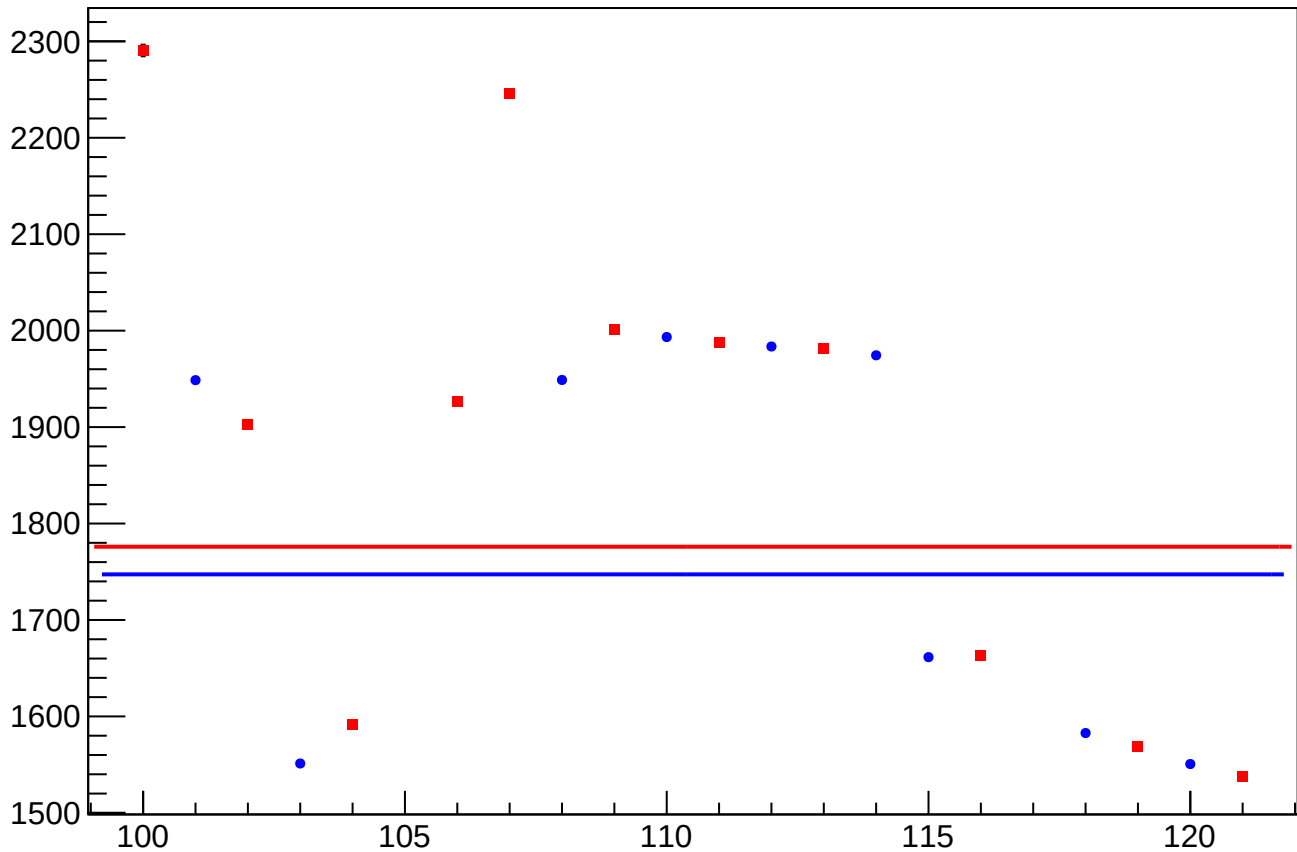
Right: 1470.604+/-625.467 χ^2/NDF : 15.1/19

In: 1549.313+/-920.241 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1470.604+/-625.467 χ^2/NDF : 15.1/19

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

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

Right Out: 1775.947+/-0.598 χ^2/NDF : 129246.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

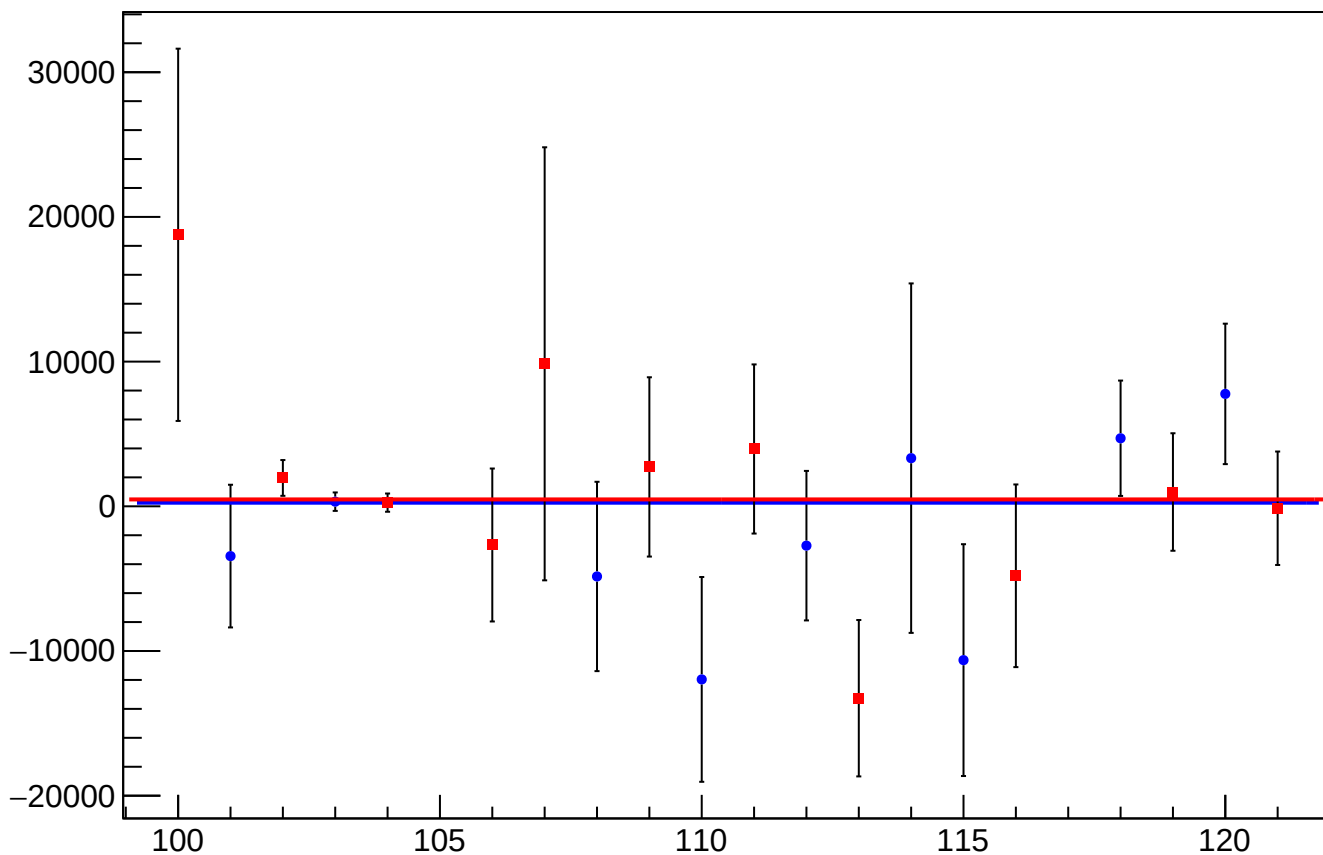
Right: 1762.809+/-0.440 χ^2/NDF : 223618.2/19

In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.809+/-0.440 χ^2/NDF : 223618.2/19

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 249.472+/-607.463 χ^2/NDF : 10.0/8

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

Right Out: 476.084+/-537.570 χ^2/NDF : 12.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

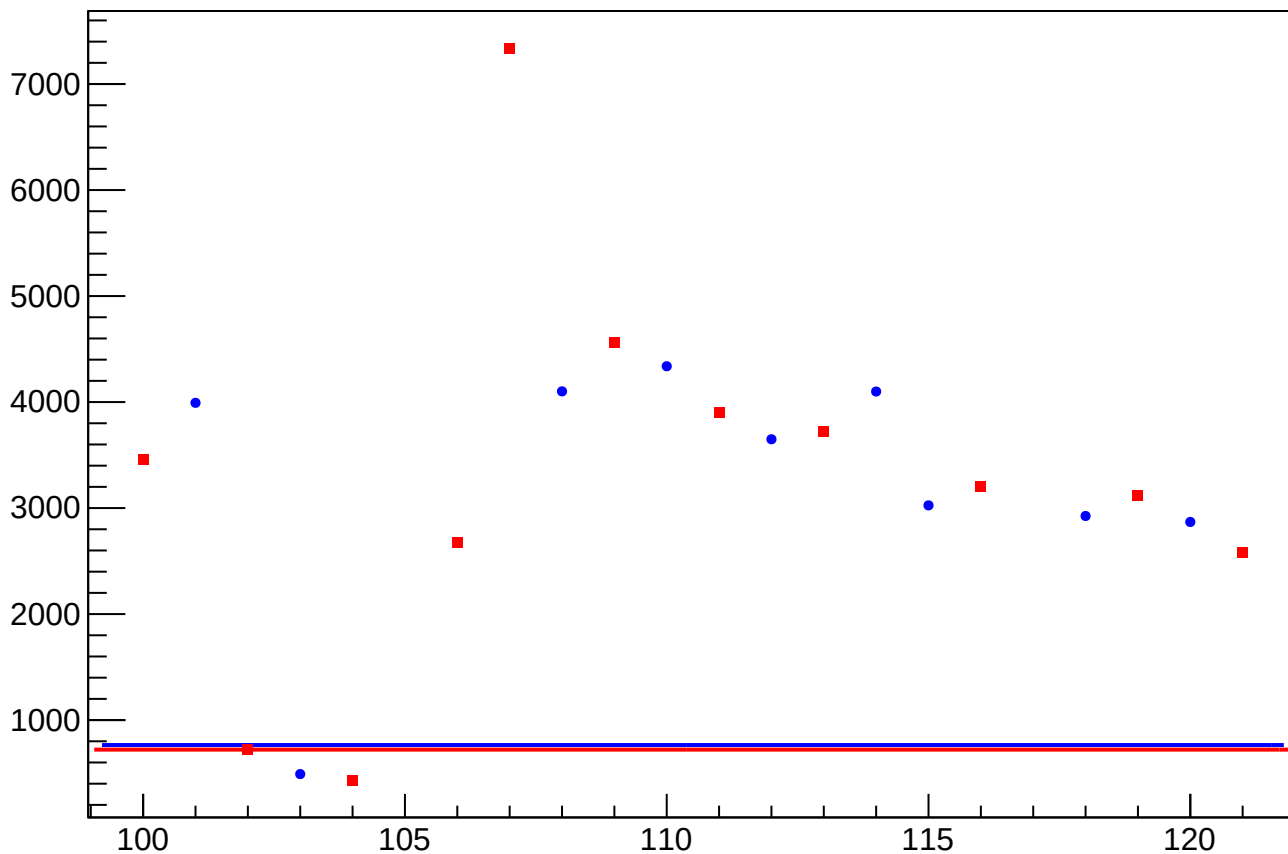
Right: 376.559+/-402.573 χ^2/NDF : 22.1/19

In: 249.472+/-607.463 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.559+/-402.573 χ^2/NDF : 22.1/19

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 764.573+/-0.430 χ^2/NDF : 4155344.0/8

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

Right Out: 721.311+/-0.380 χ^2/NDF : 4623838.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

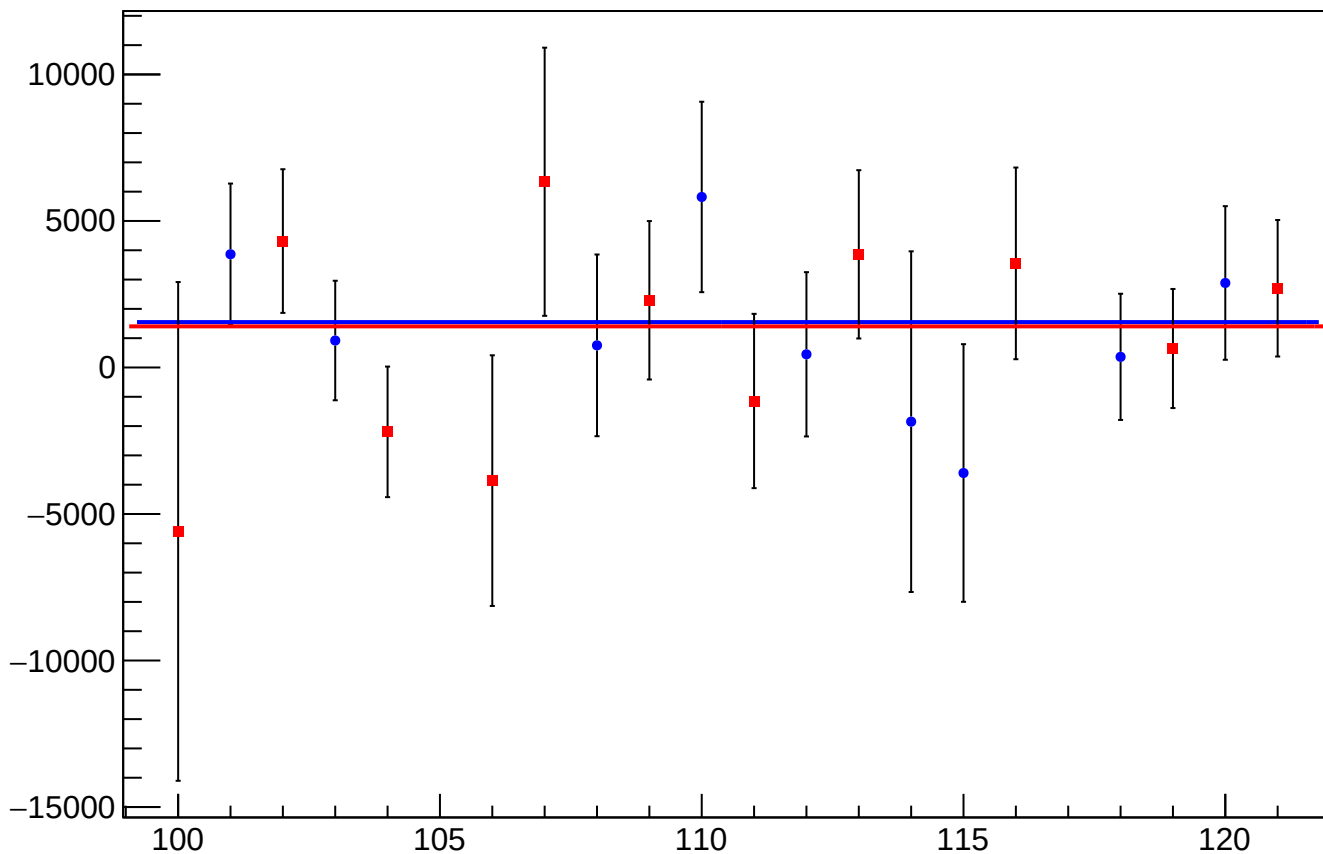
Right: 740.311+/-0.285 χ^2/NDF : 8784871.5/19

In: 764.573+/-0.430 χ^2/NDF :4155344.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 740.311+/-0.285 χ^2/NDF : 8784871.5/19

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1549.313+/-920.241 χ^2 /NDF: 5.2/8

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

Right Out: 1403.025+/-852.704 χ^2 /NDF: 9.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

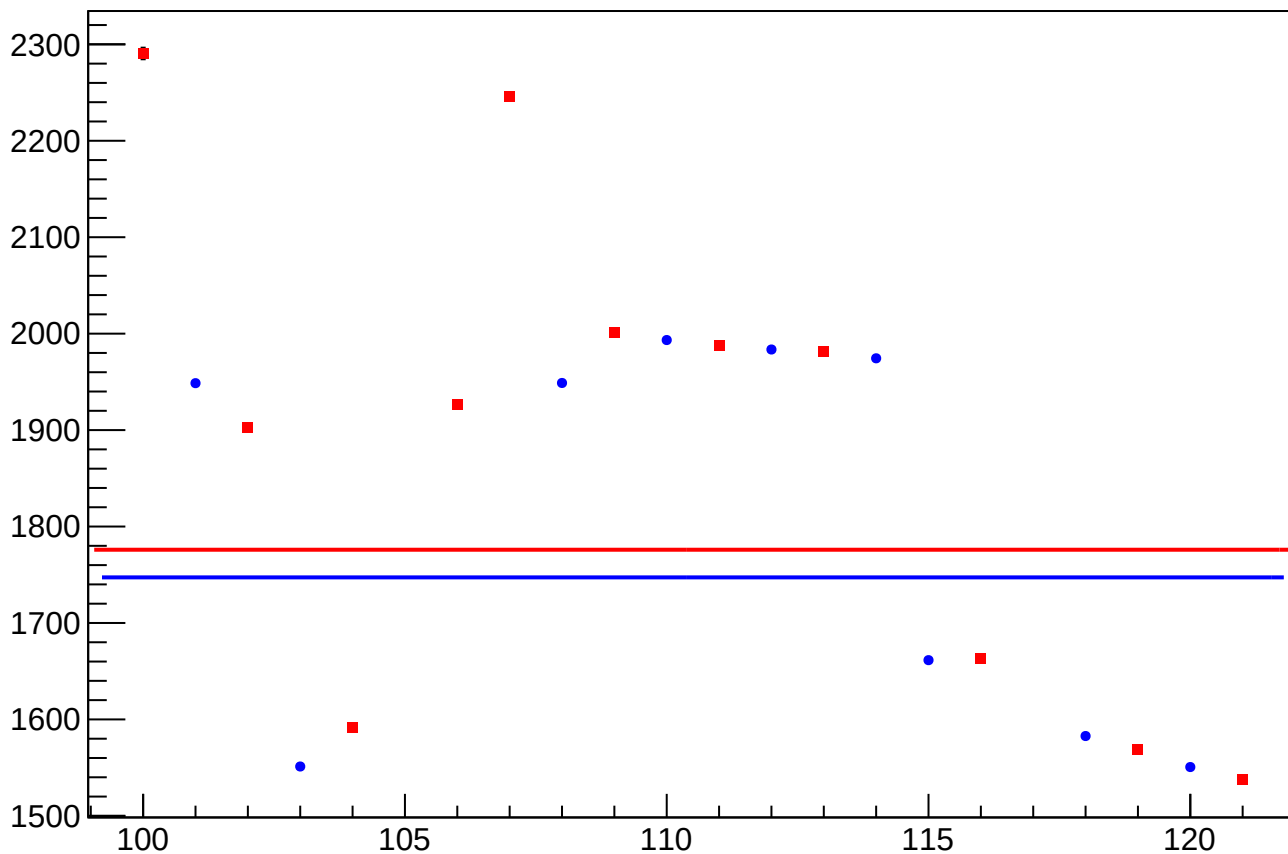
Right: 1470.604+/-625.467 χ^2 /NDF: 15.1/19

In: 1549.313+/-920.241 χ^2 /NDF:5.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1470.604+/-625.467 χ^2 /NDF: 15.1/19

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

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

Right Out: 1775.947+/-0.598 χ^2/NDF : 129246.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

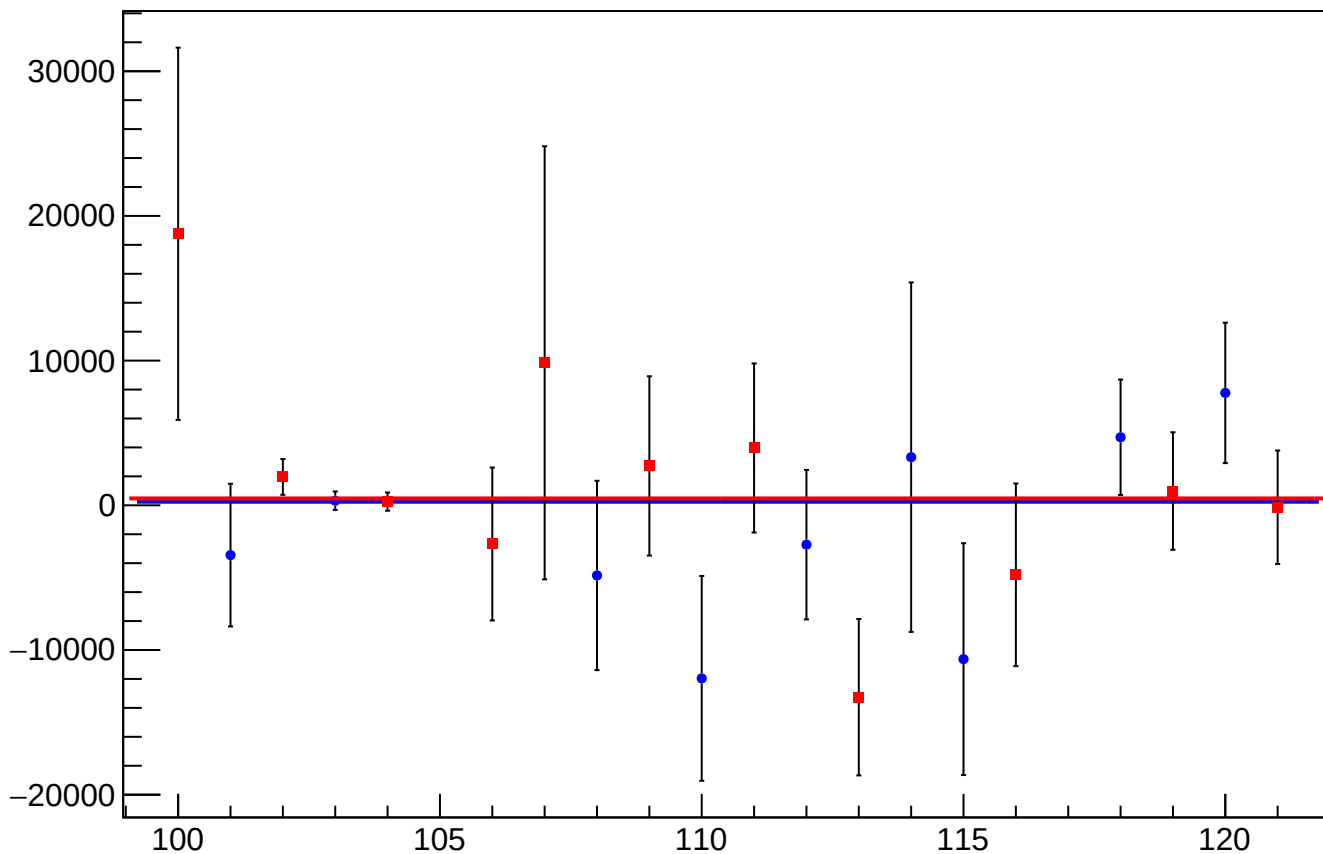
Right: 1762.809+/-0.440 χ^2/NDF : 223618.2/19

In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.809+/-0.440 χ^2/NDF : 223618.2/19

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 249.472+/-607.463 χ^2/NDF : 10.0/8

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

Right Out: 476.084+/-537.570 χ^2/NDF : 12.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

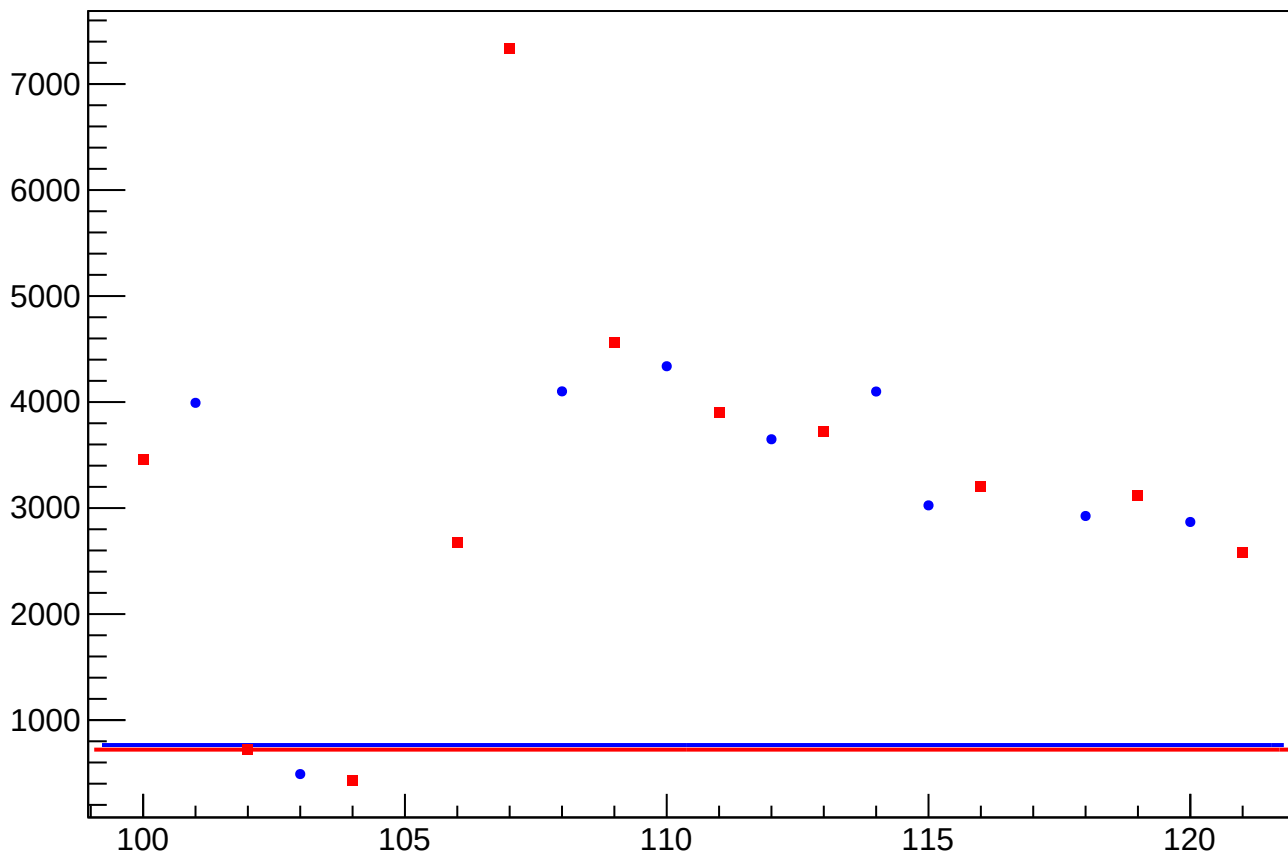
Right: 376.559+/-402.573 χ^2/NDF : 22.1/19

In: 249.472+/-607.463 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.559+/-402.573 χ^2/NDF : 22.1/19

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 764.573+/-0.430 χ^2/NDF : 4155344.0/8

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

Right Out: 721.311+/-0.380 χ^2/NDF : 4623838.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

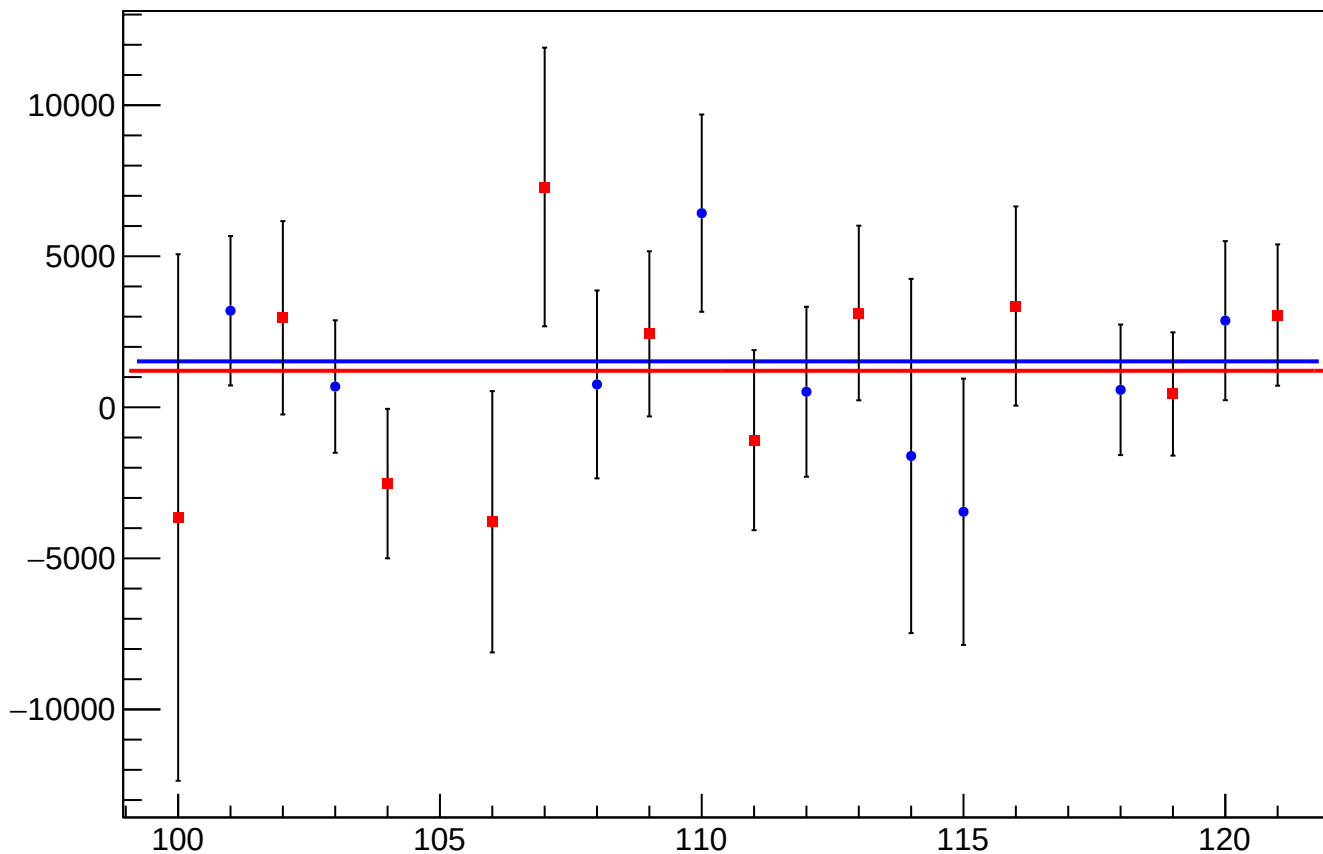
Right: 740.311+/-0.285 χ^2/NDF : 8784871.5/19

In: 764.573+/-0.430 χ^2/NDF :4155344.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 740.311+/-0.285 χ^2/NDF : 8784871.5/19

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1520.677+/-939.048 χ^2/NDF : 5.1/8

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

Right Out: 1208.946+/-892.305 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

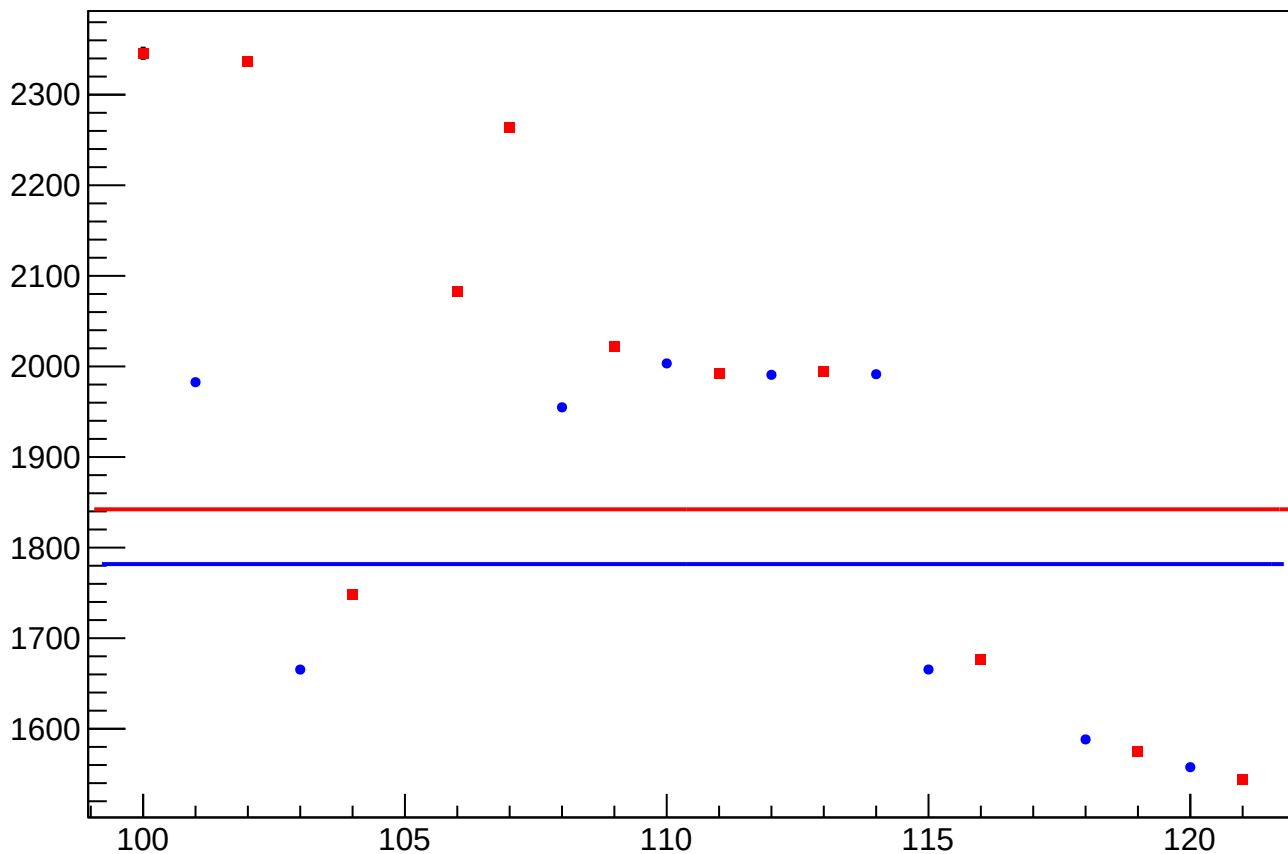
Right: 1356.861+/-646.849 χ^2/NDF : 13.5/19

In: 1520.677+/-939.048 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.861+/-646.849 χ^2/NDF : 13.5/19

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1781.805+/-0.664 χ^2/NDF : 79755.6/8

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

Right Out: 1842.289+/-0.628 χ^2/NDF : 172494.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

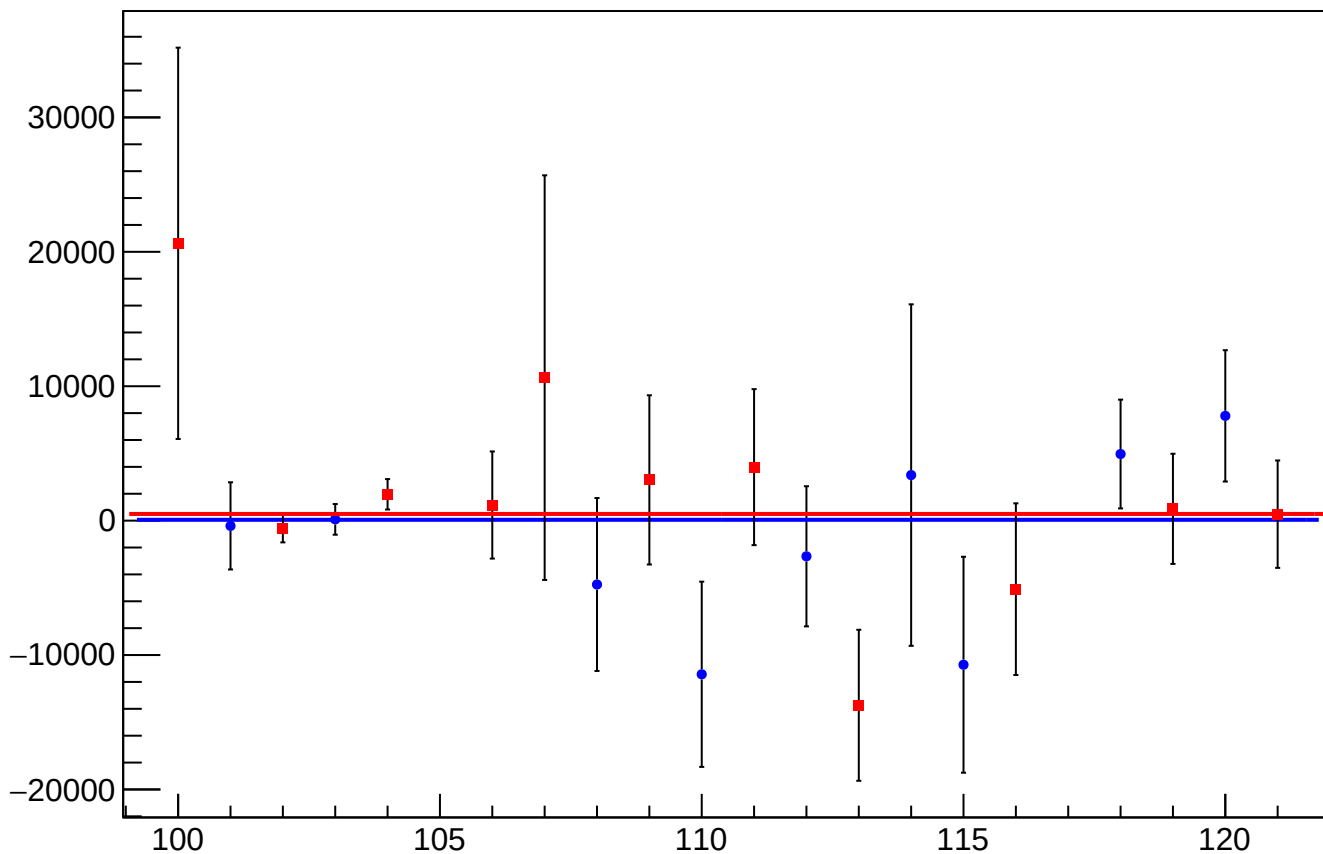
Right: 1813.715+/-0.456 χ^2/NDF : 256627.1/19

In: 1781.805+/-0.664 χ^2/NDF : 79755.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1813.715+/-0.456 χ^2/NDF : 256627.1/19

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 61.774+/-966.971 χ^2/NDF : 9.5/8

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

Right Out: 497.976+/-712.873 χ^2/NDF : 12.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

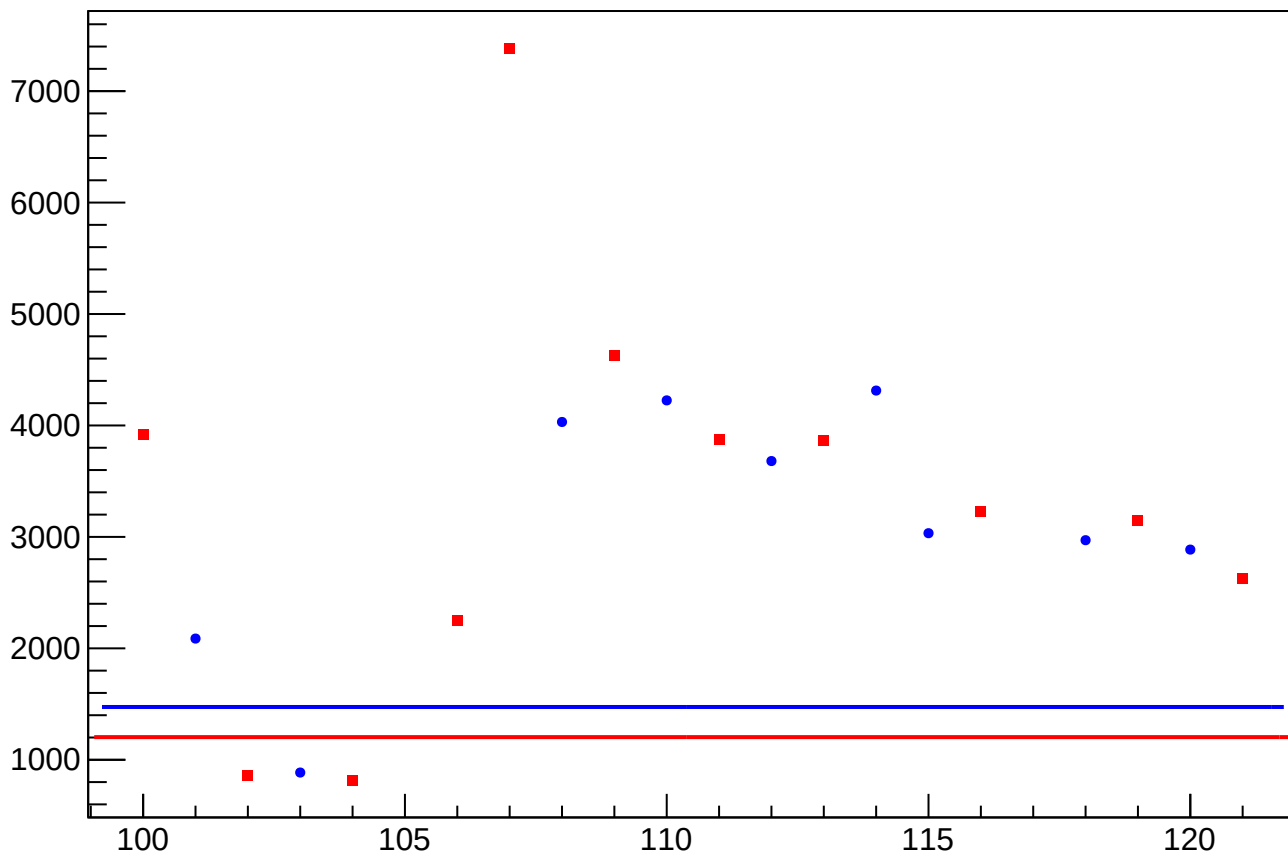
Right: 344.380+/-573.798 χ^2/NDF : 22.4/19

In: 61.774+/-966.971 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 344.380+/-573.798 χ^2/NDF : 22.4/19

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1473.855+/-0.684 χ^2/NDF : 2211973.5/8

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

Right Out: 1203.490+/-0.504 χ^2/NDF : 3366716.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

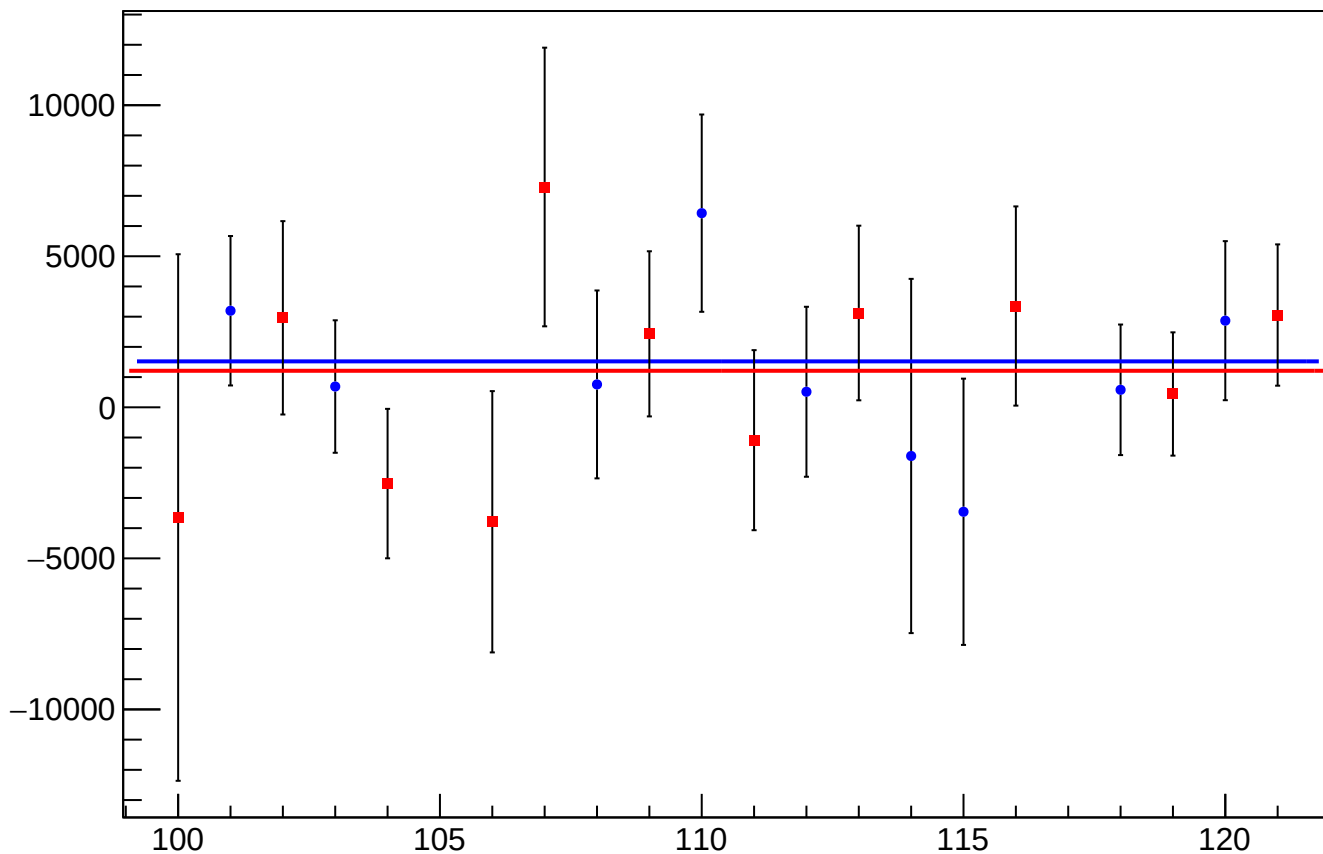
Right: 1298.691+/-0.406 χ^2/NDF : 5679987.2/19

In: 1473.855+/-0.684 χ^2/NDF : 2211973.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.691+/-0.406 χ^2/NDF : 5679987.2/19

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1520.674+/-939.048 χ^2/NDF : 5.1/8

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

Right Out: 1208.950+/-892.305 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

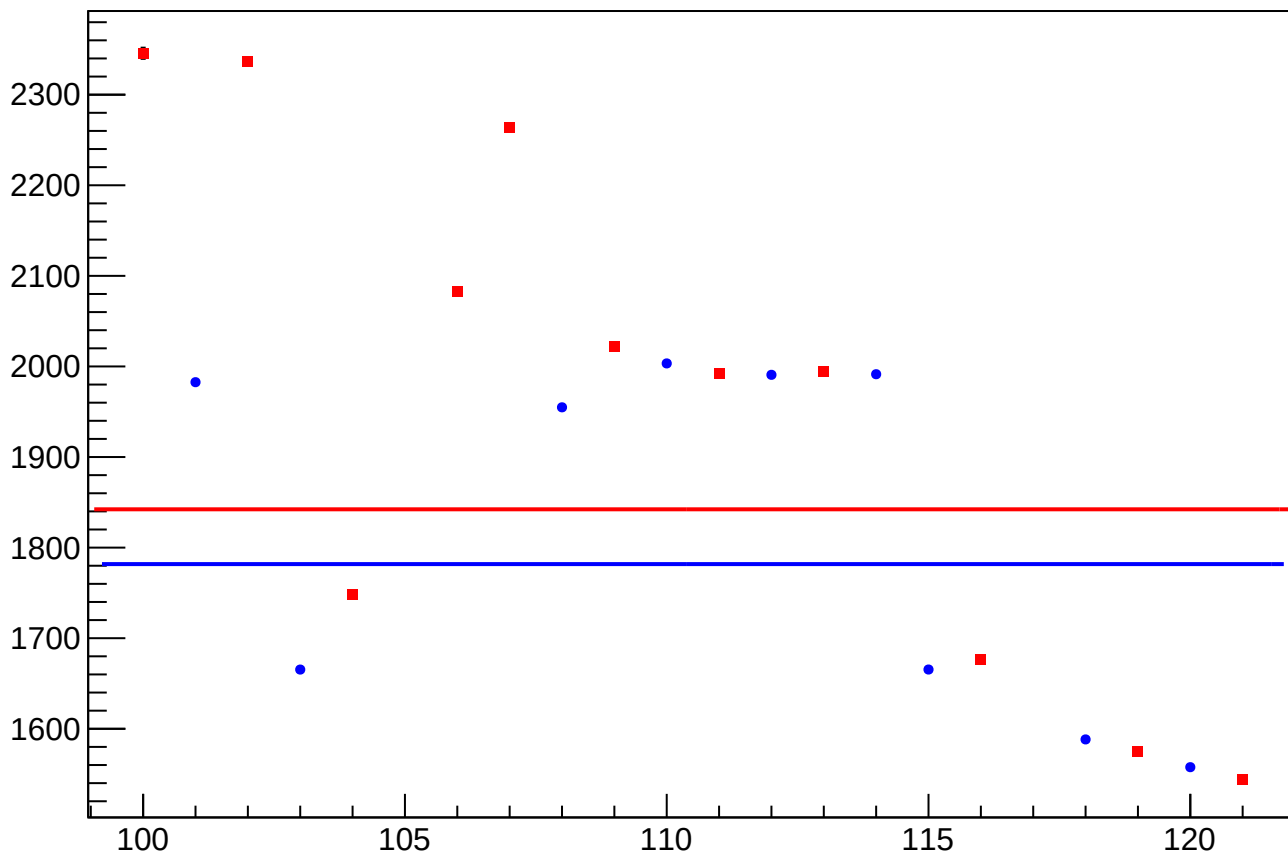
Right: 1356.861+/-646.849 χ^2/NDF : 13.5/19

In: 1520.674+/-939.048 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.861+/-646.849 χ^2/NDF : 13.5/19

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1781.805+/-0.664 χ^2/NDF : 79755.9/8

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

Right Out: 1842.288+/-0.628 χ^2/NDF : 172494.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

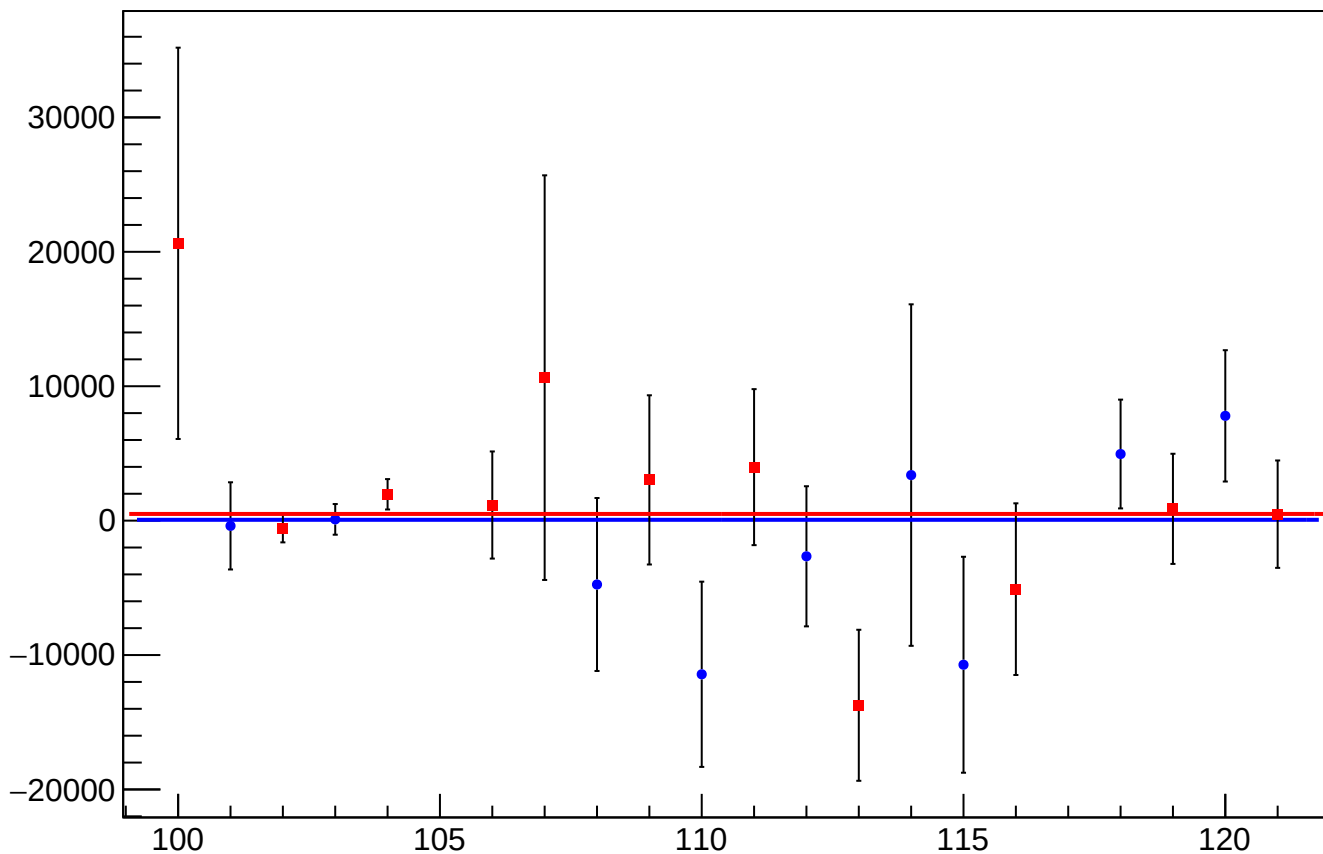
Right: 1813.714+/-0.456 χ^2/NDF : 256627.2/19

In: 1781.805+/-0.664 χ^2/NDF : 79755.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1813.714+/-0.456 χ^2/NDF : 256627.2/19

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 61.776+/-966.963 χ^2/NDF : 9.5/8

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

Right Out: 497.973+/-712.867 χ^2/NDF : 12.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

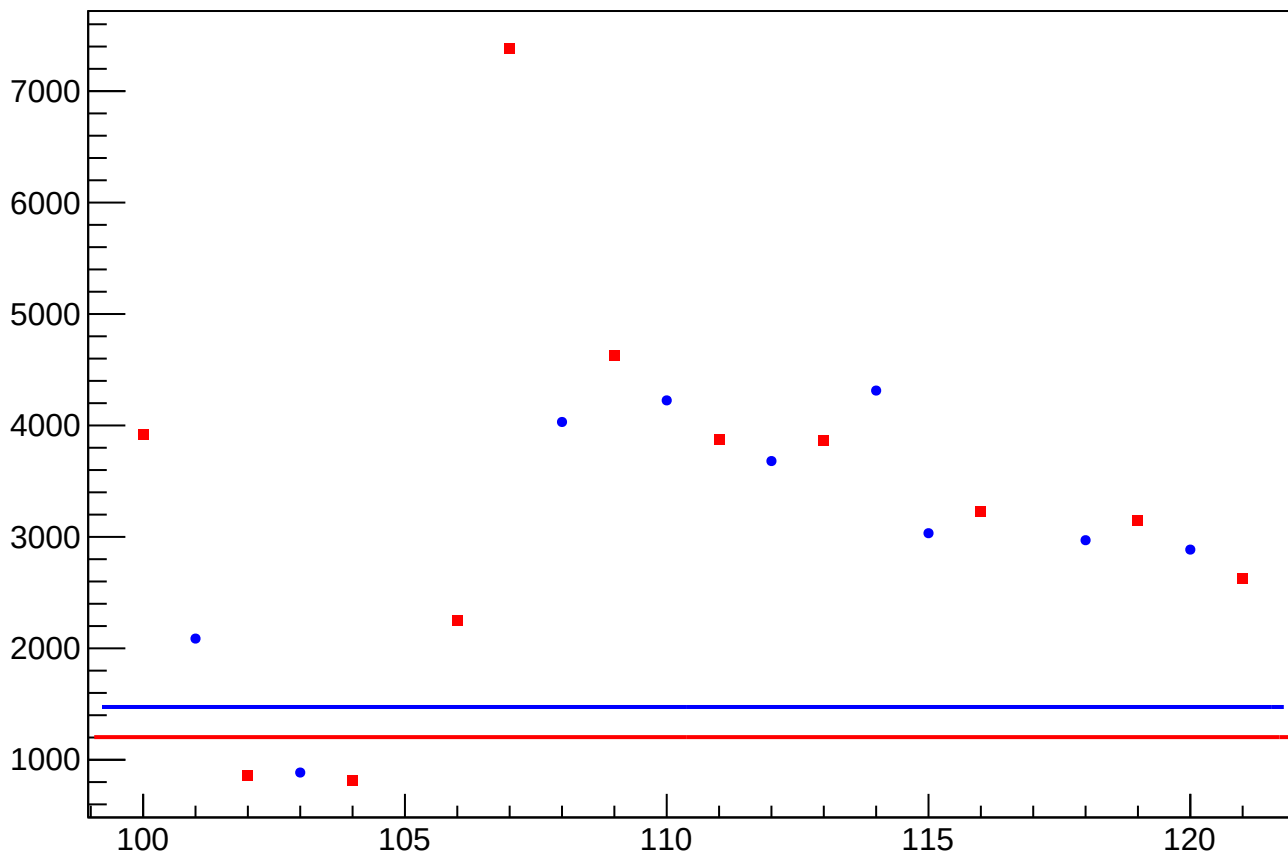
Right: 344.379+/-573.793 χ^2/NDF : 22.4/19

In: 61.776+/-966.963 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.379+/-573.793 χ^2/NDF : 22.4/19

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1473.841+/-0.684 χ^2/NDF : 2211984.2/8

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

Right Out: 1203.479+/-0.504 χ^2/NDF : 3366731.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

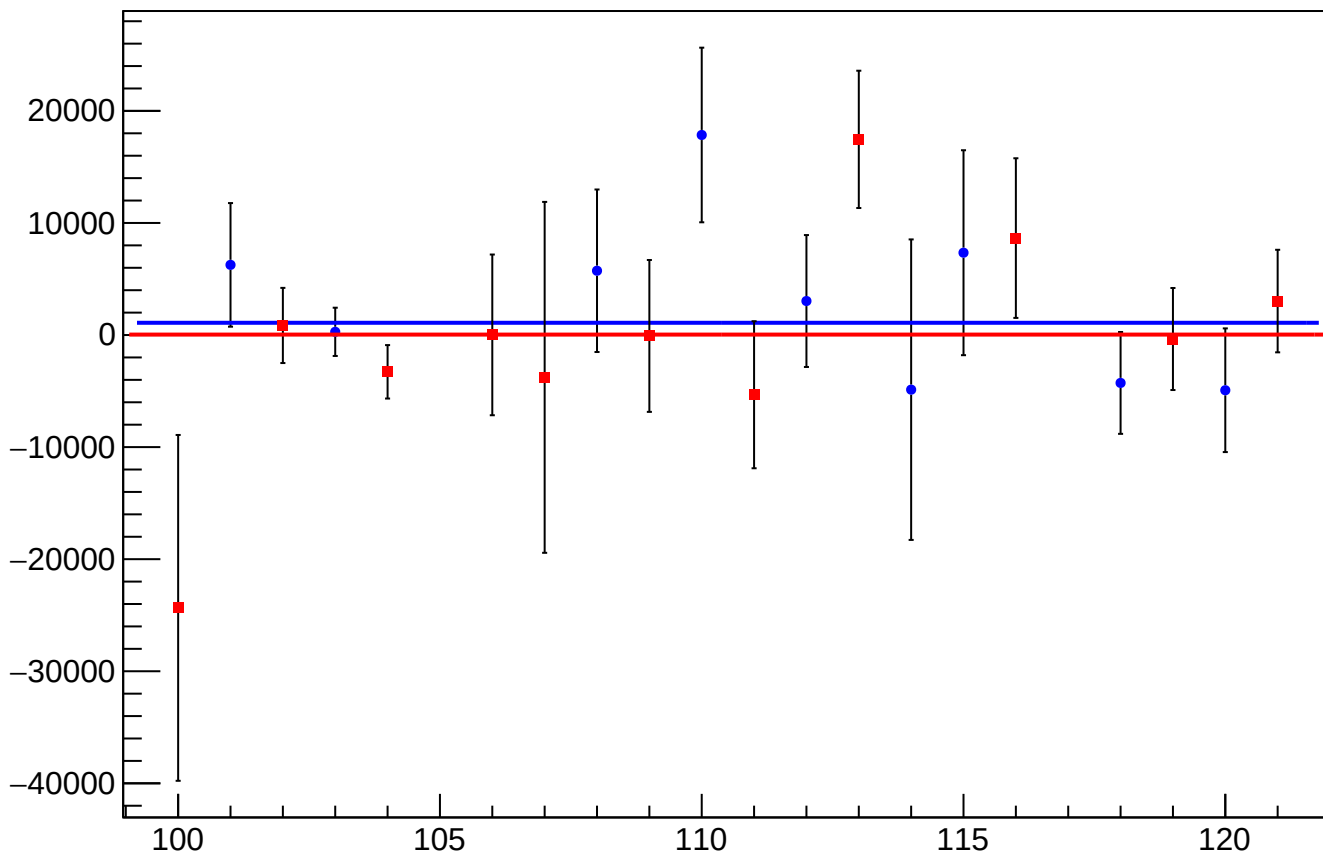
Right: 1298.679+/-0.406 χ^2/NDF : 5680013.0/19

In: 1473.841+/-0.684 χ^2/NDF : 2211984.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.679+/-0.406 χ^2/NDF : 5680013.0/19

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1093.373+/-1558.373 χ^2/NDF : 9.4/8

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

Right Out: 39.773+/-1443.418 χ^2/NDF : 15.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

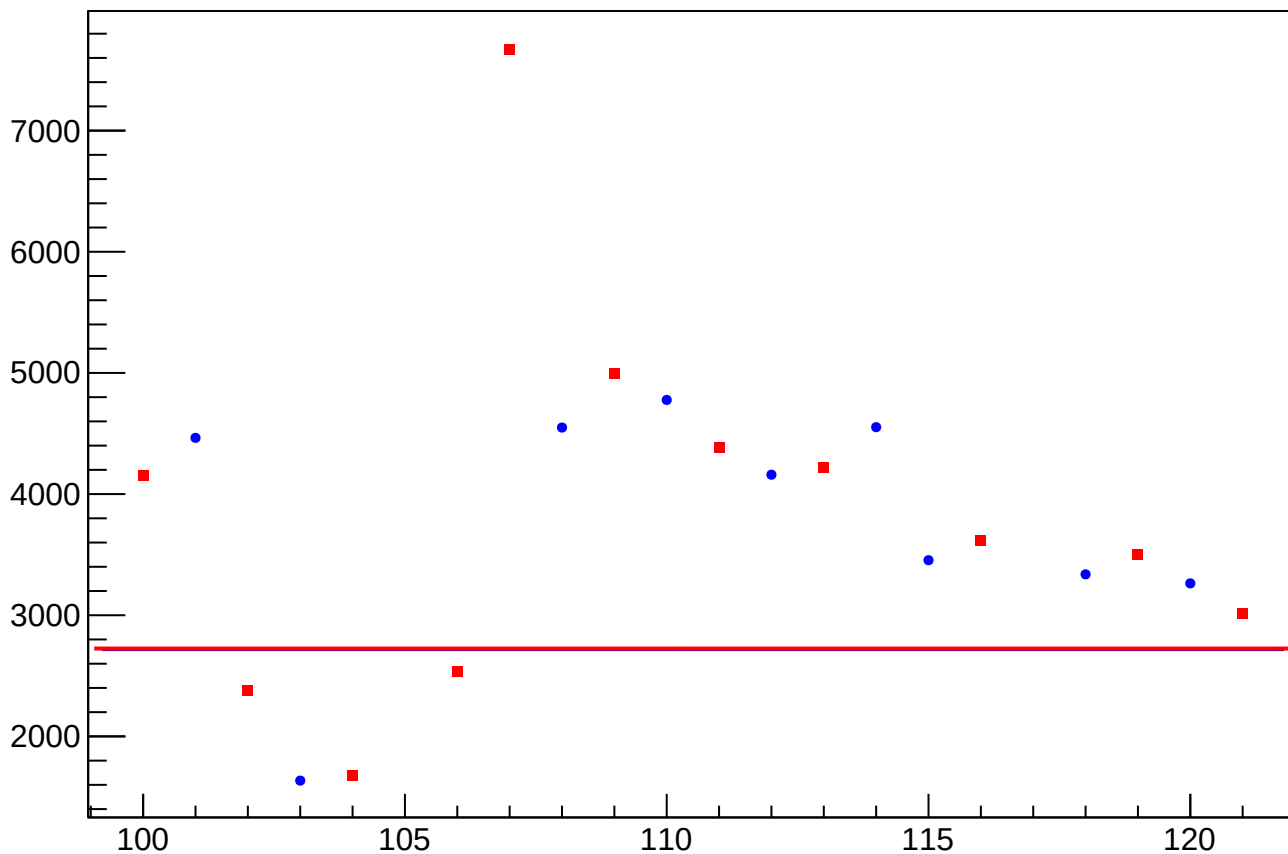
Right: 526.284+/-1058.960 χ^2/NDF : 24.9/19

In: 1093.373+/-1558.373 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.284+/-1058.960 χ^2/NDF : 24.9/19

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2720.712+/-1.102 χ^2/NDF : 1200981.4/8

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

Right Out: 2725.102+/-0.999 χ^2/NDF : 1199133.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

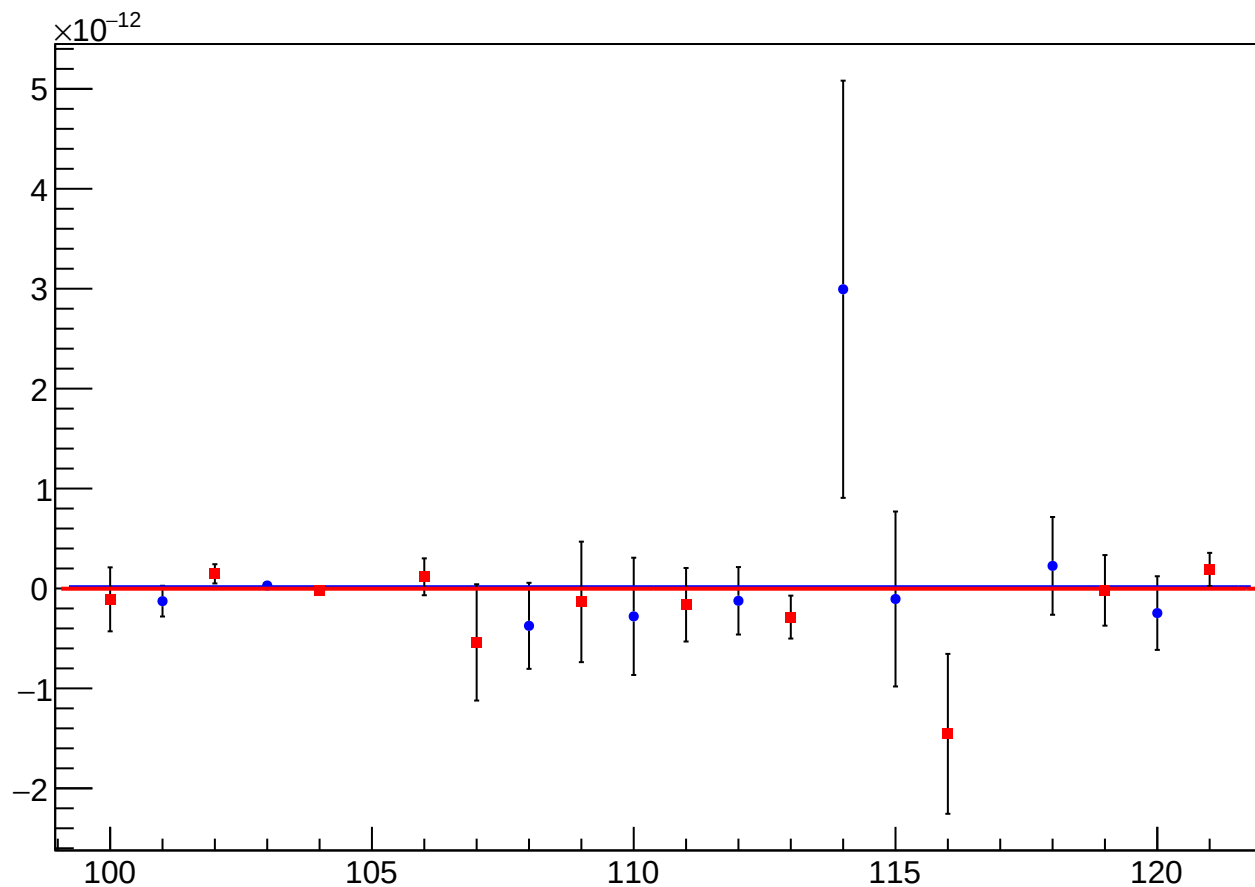
Right: 2723.121+/-0.740 χ^2/NDF : 2400123.3/19

In: 2720.712+/-1.102 χ^2/NDF : 1200981.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2723.121+/-0.740 χ^2/NDF : 2400123.3/19

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

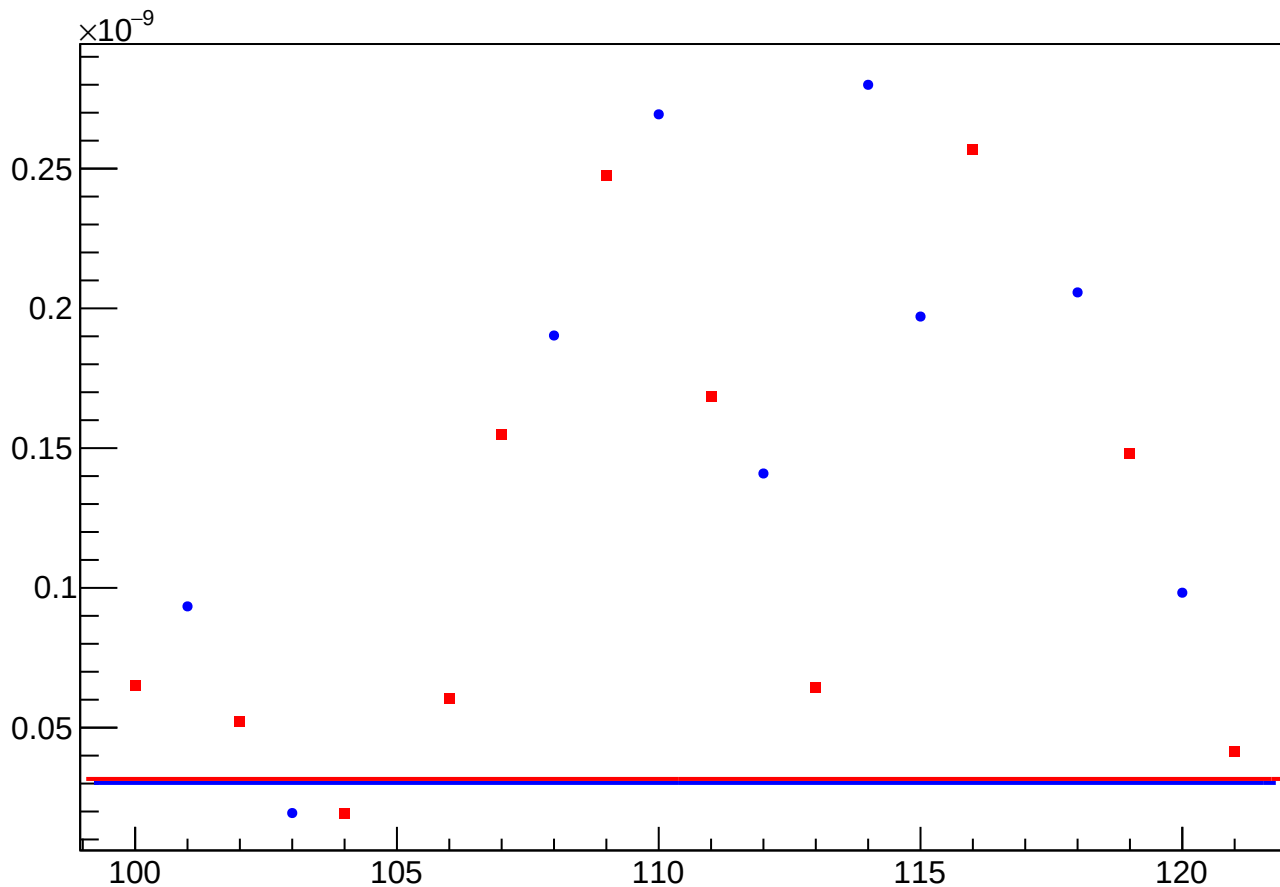
Right: 0.000+/-0.000 χ^2/NDF : 15.8/19

In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/19

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1732853.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1405891.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

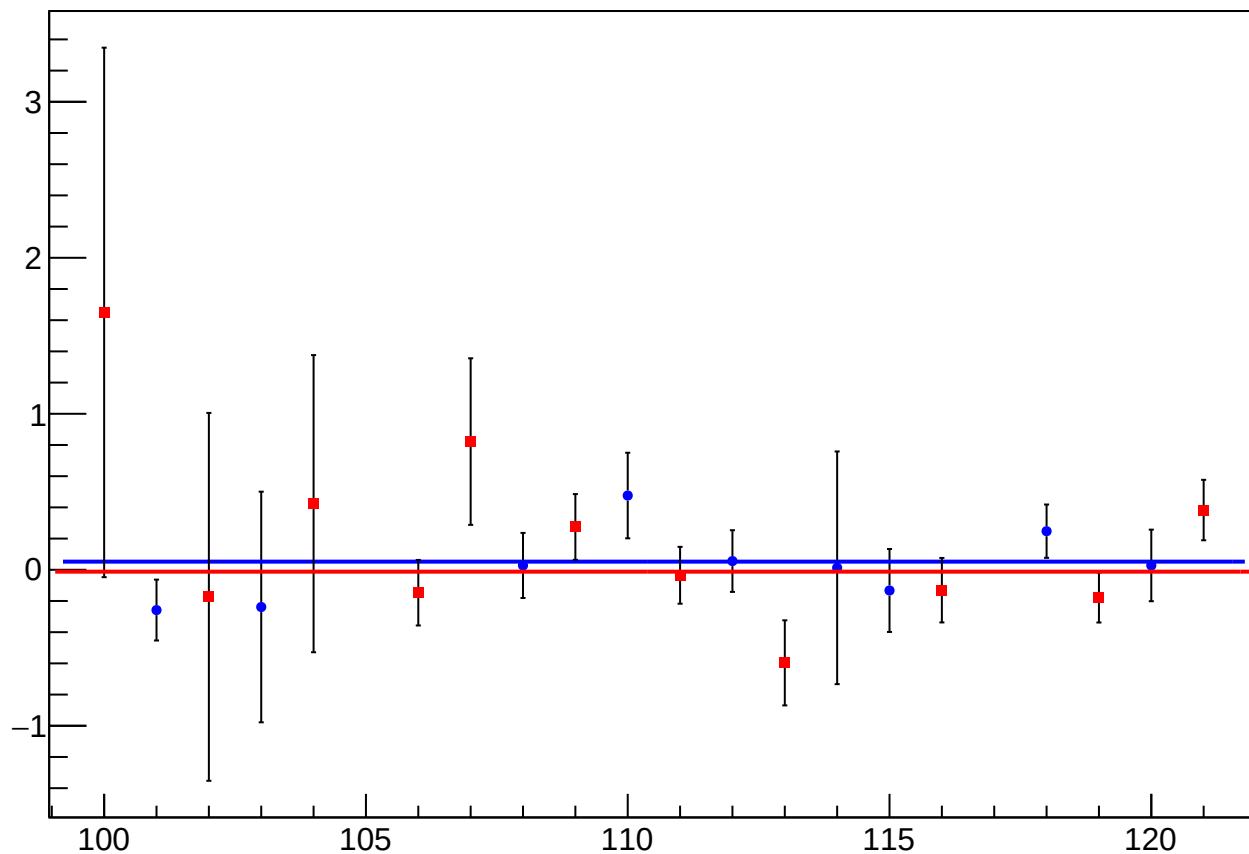
Right: 0.000+/-0.000 χ^2/NDF : 3140289.8/19

In: 0.000+/-0.000 χ^2/NDF : 1732853.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3140289.8/19

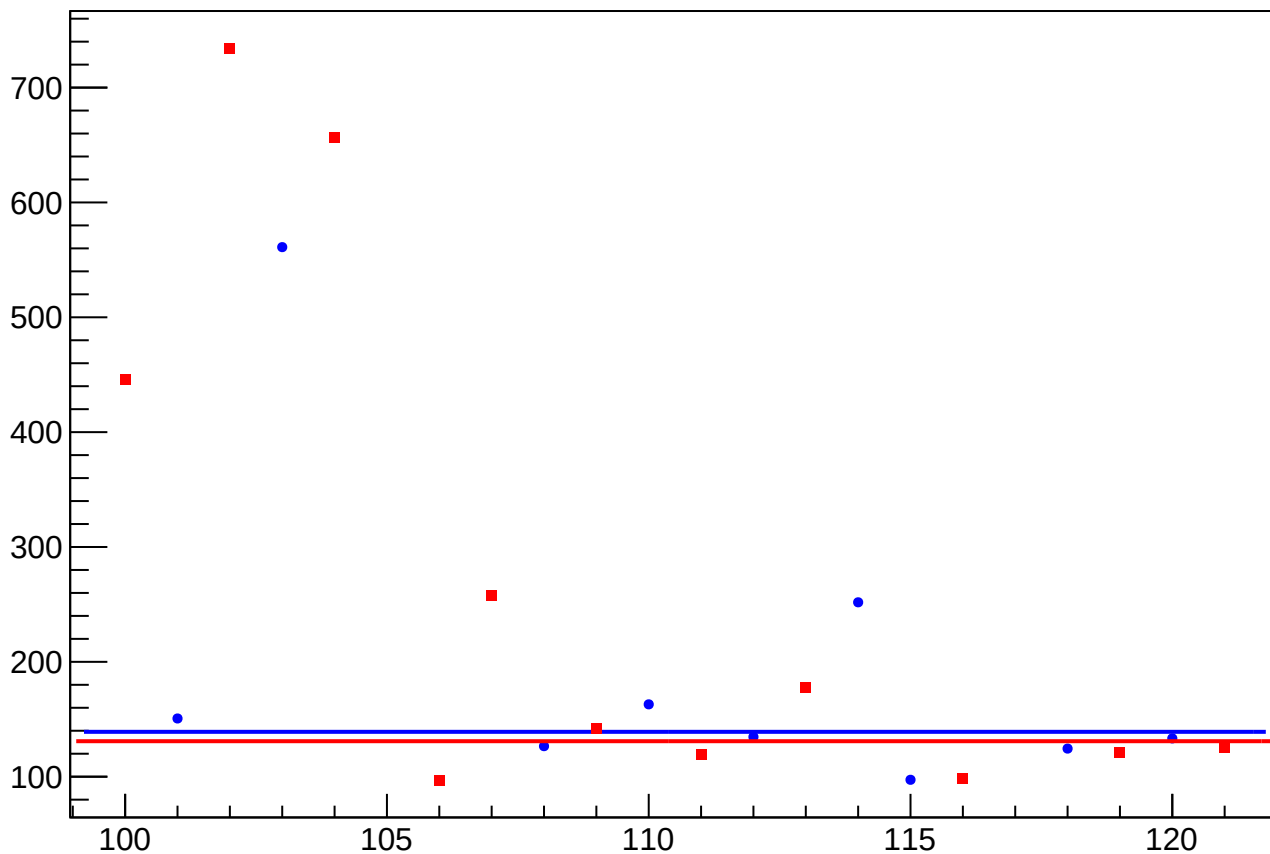
asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.079 χ^2/NDF : 6.9/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.012 $\pm$ 0.074 χ^2/NDF : 16.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.018 $\pm$ 0.054 χ^2/NDF : 23.3/19
 In: 0.052 $\pm$ 0.079 χ^2/NDF : 6.9/8
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.018 $\pm$ 0.054 χ^2/NDF : 23.3/19

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.062+/-0.056 χ^2/NDF : 793186.8/8

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

Right Out: 130.892+/-0.052 χ^2/NDF : 1499323.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

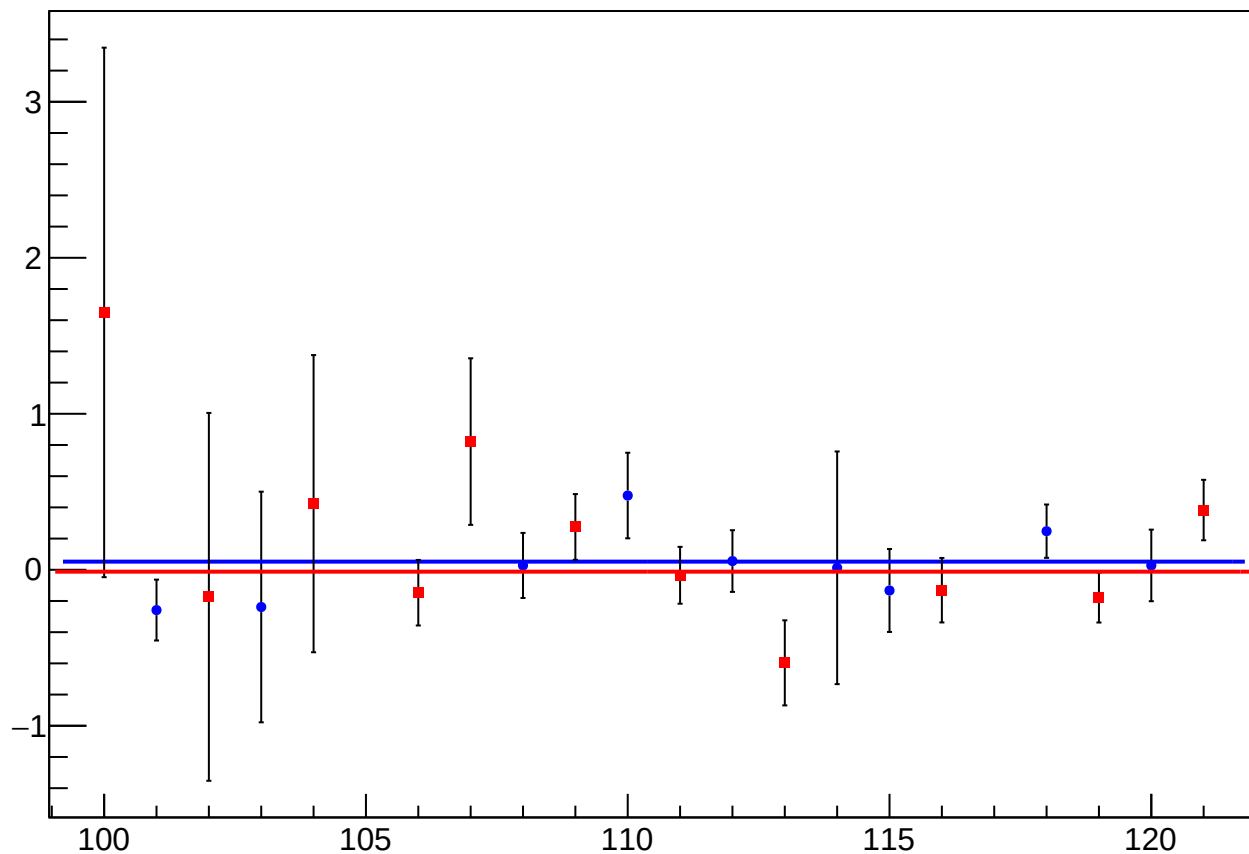
Right: 134.687+/-0.038 χ^2/NDF : 2303883.9/19

In: 139.062+/-0.056 χ^2/NDF : 793186.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.687+/-0.038 χ^2/NDF : 2303883.9/19

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.079 χ^2/NDF : 6.9/8

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

Right Out: -0.012 $\pm$ 0.074 χ^2/NDF : 16.1/10

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

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

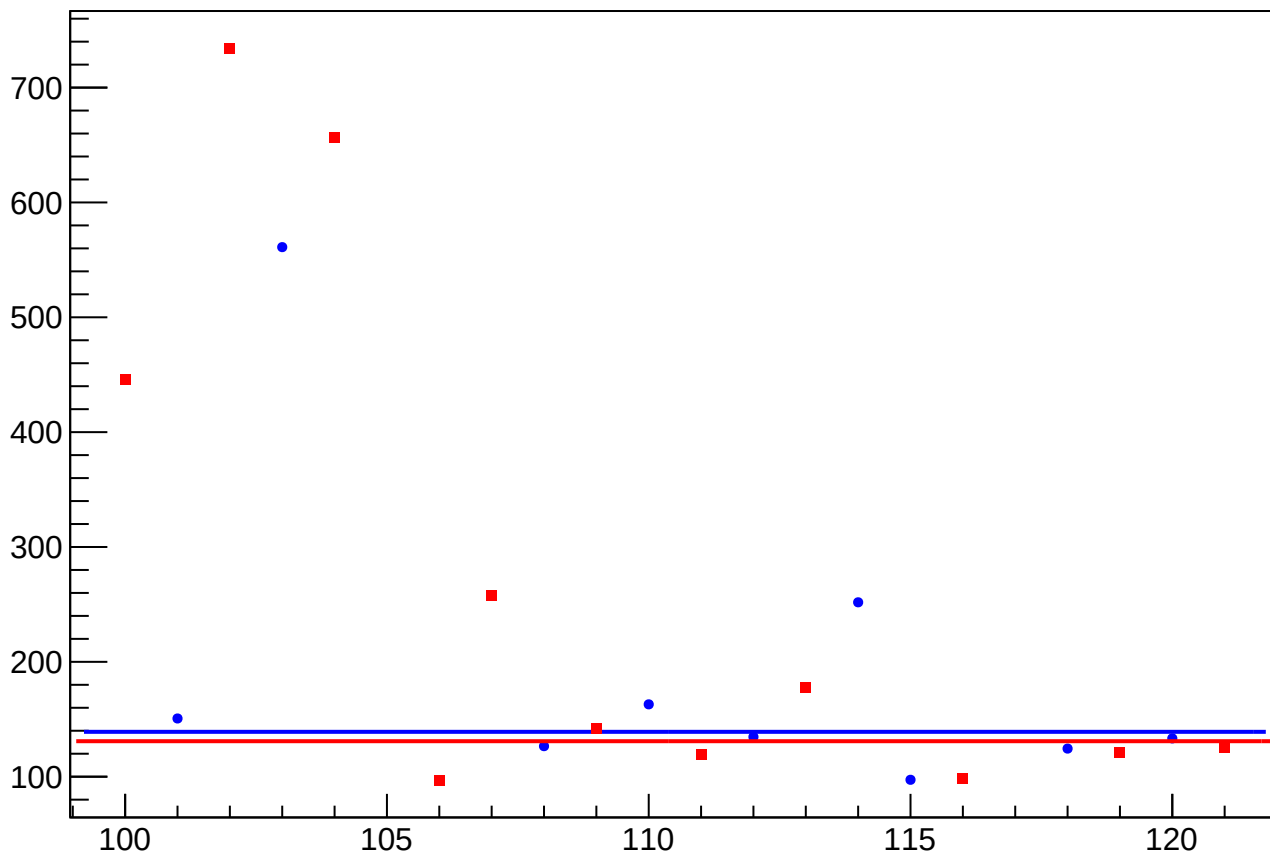
Right: 0.018 $\pm$ 0.054 χ^2/NDF : 23.3/19

In: 0.052 $\pm$ 0.079 χ^2/NDF : 6.9/8

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

All: 0.018 $\pm$ 0.054 χ^2/NDF : 23.3/19

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.062+/-0.056 χ^2/NDF : 793186.8/8

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

Right Out: 130.892+/-0.052 χ^2/NDF : 1499323.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

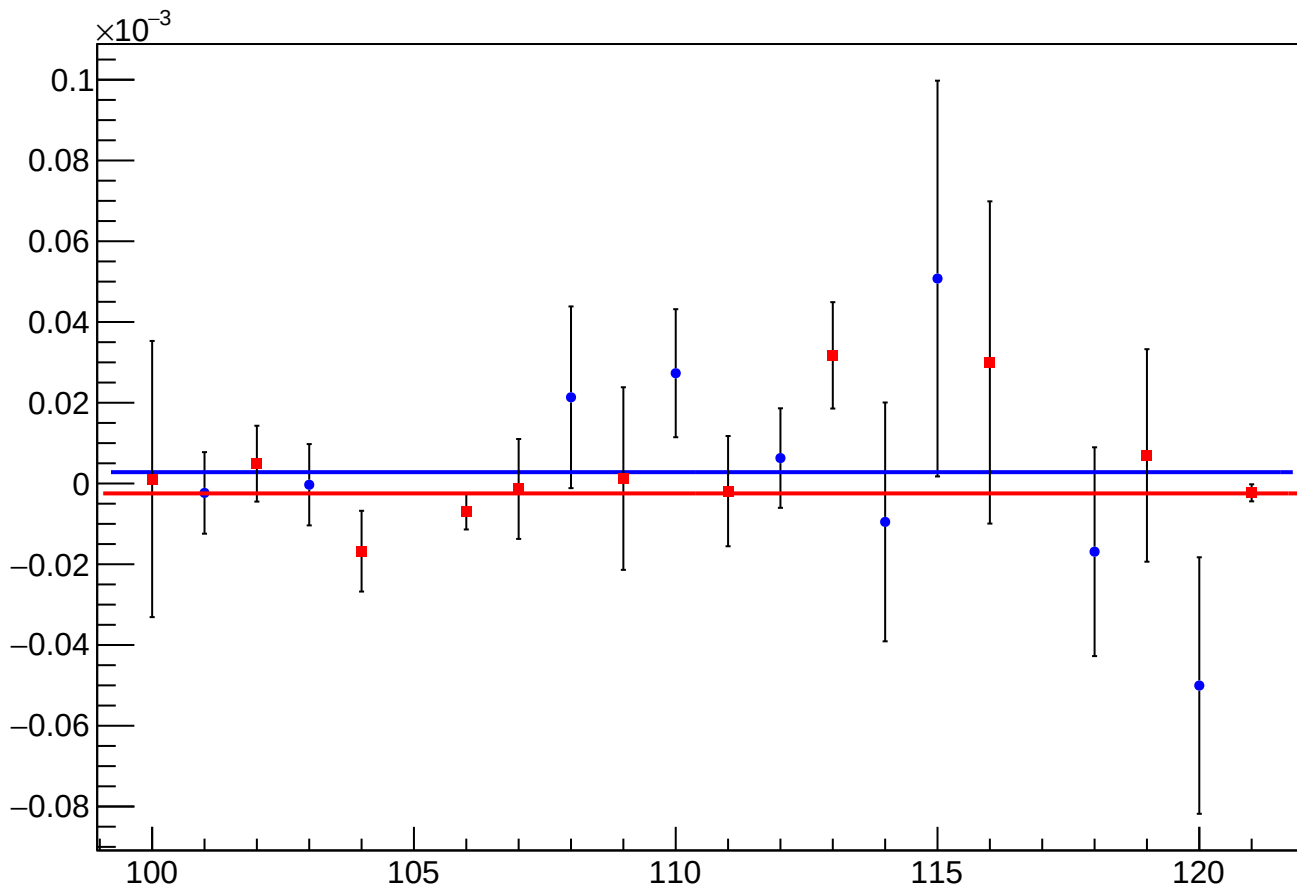
Right: 134.687+/-0.038 χ^2/NDF : 2303883.9/19

In: 139.062+/-0.056 χ^2/NDF : 793186.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.687+/-0.038 χ^2/NDF : 2303883.9/19

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

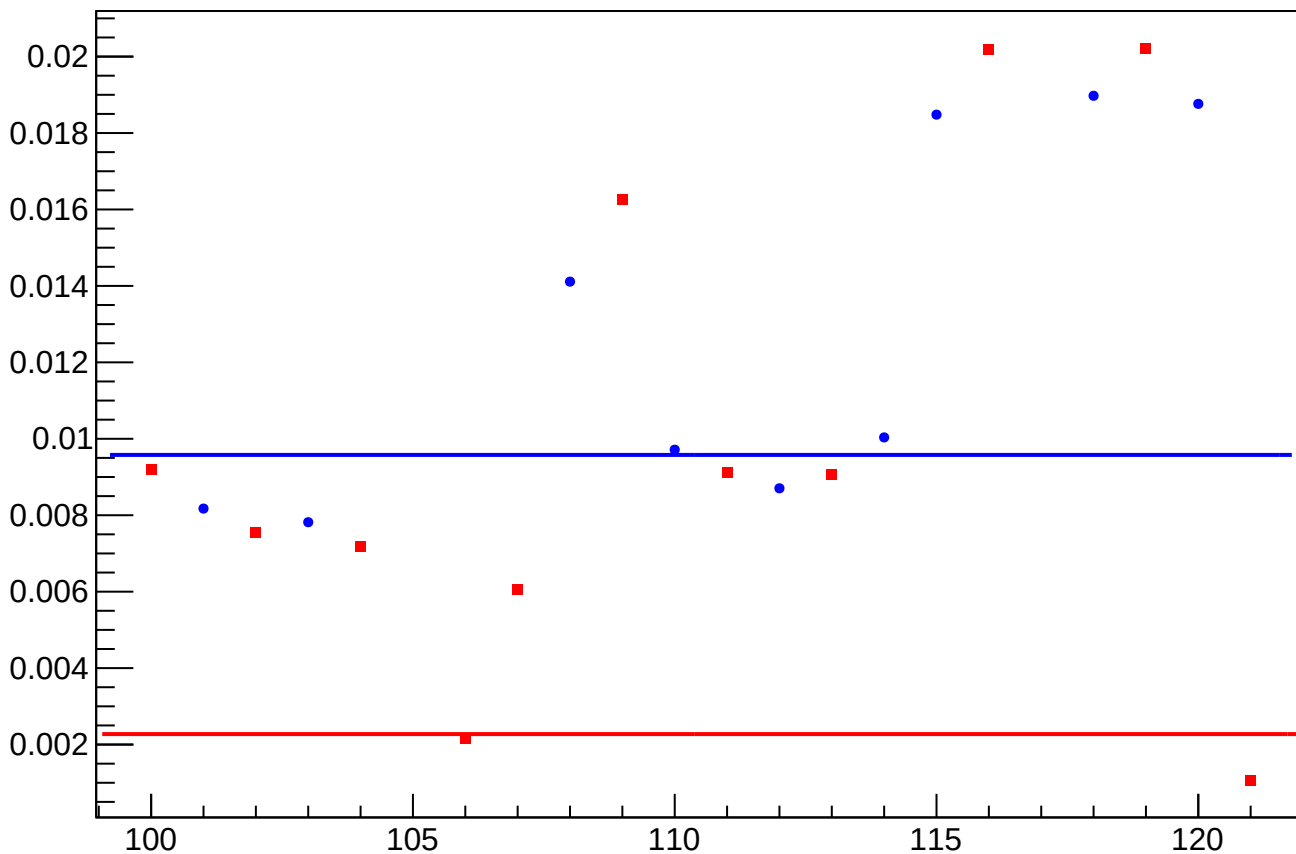
Right: -0.000+/-0.000 χ^2/NDF : 20.1/19

In: 0.000+/-0.000 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/19

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 688943.1/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 5187302.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

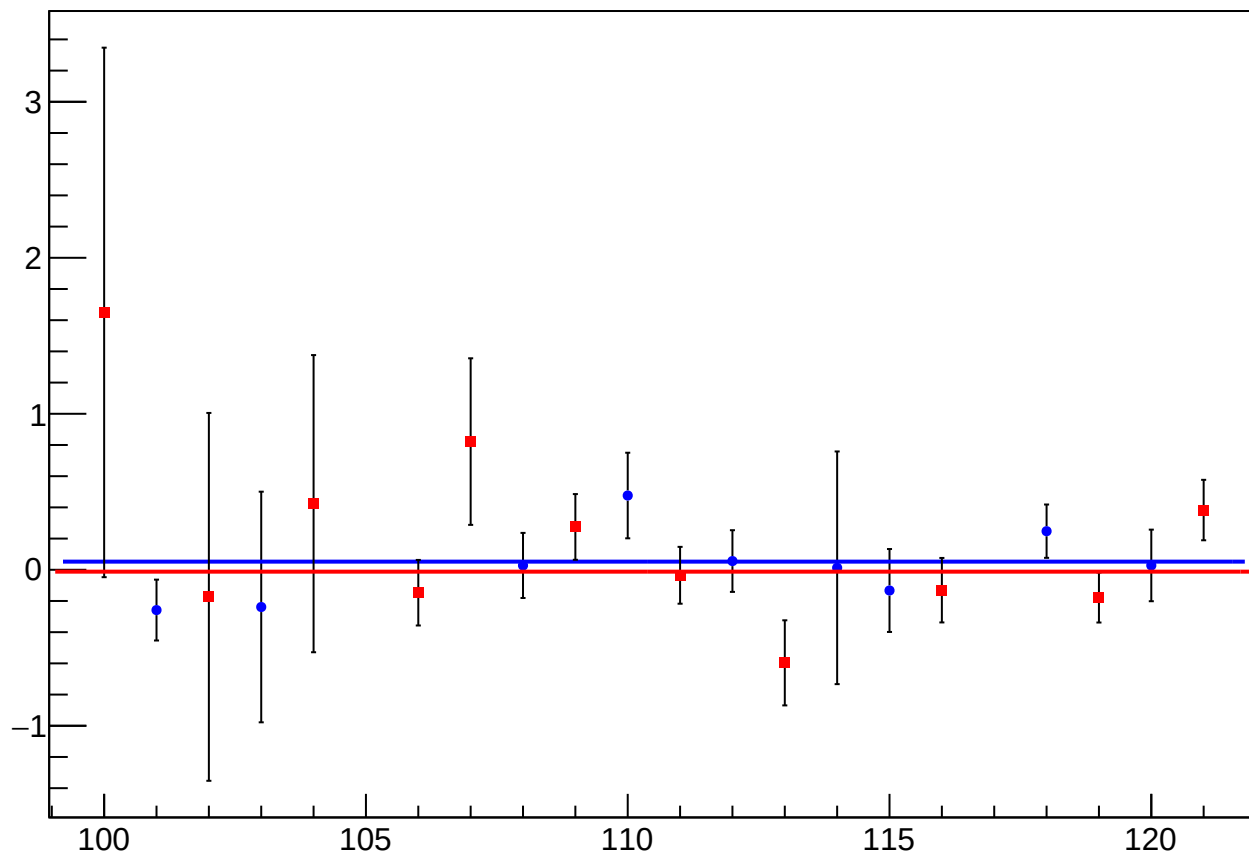
Right: 0.003+/-0.000 χ^2/NDF : 9349397.0/19

In: 0.010+/-0.000 χ^2/NDF : 688943.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9349397.0/19

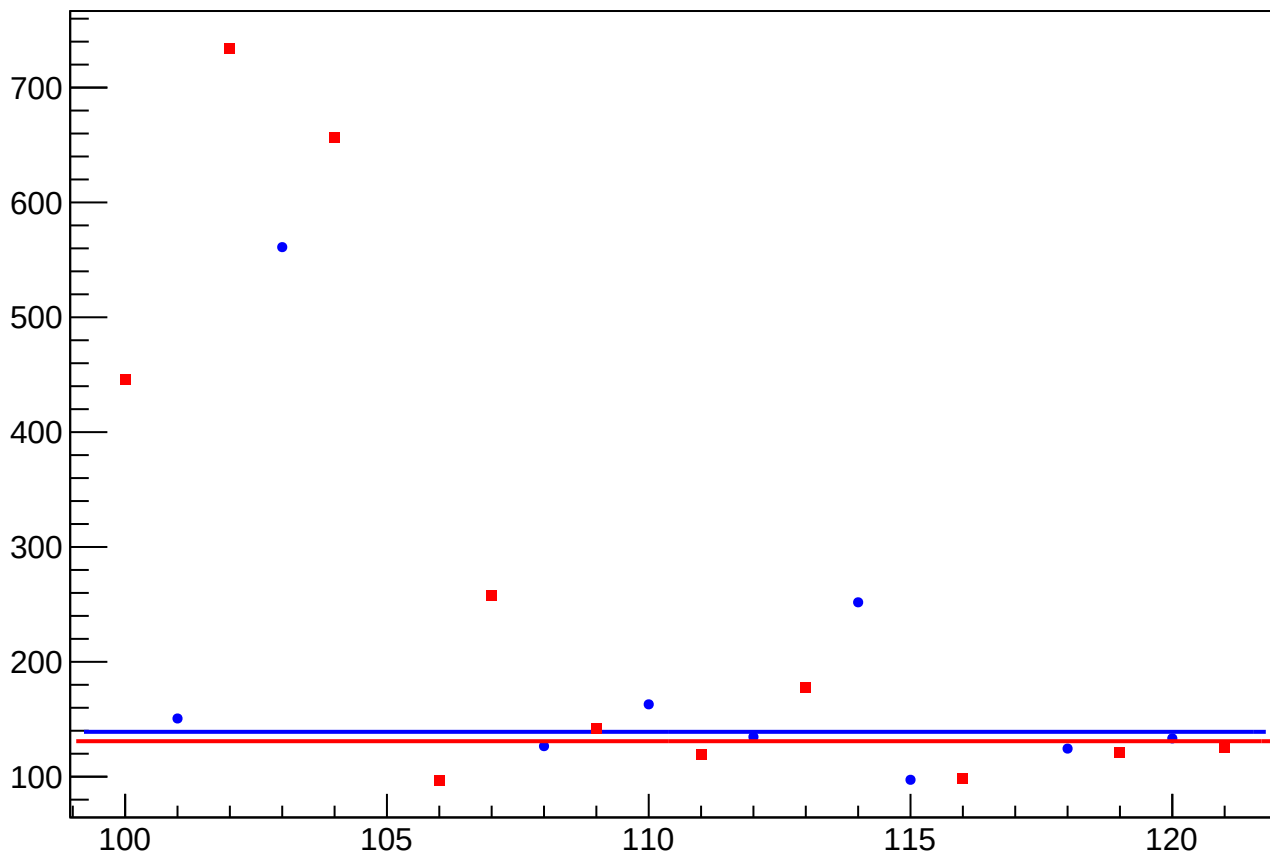
asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.079 χ^2/NDF : 6.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.012+/-0.074 χ^2/NDF : 16.1/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.018+/-0.054 χ^2/NDF : 23.3/19
 In: 0.052+/-0.079 χ^2/NDF :6.9/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.018+/-0.054 χ^2/NDF : 23.3/19

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

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

Right Out: 130.893+/-0.052 χ^2/NDF : 1499285.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

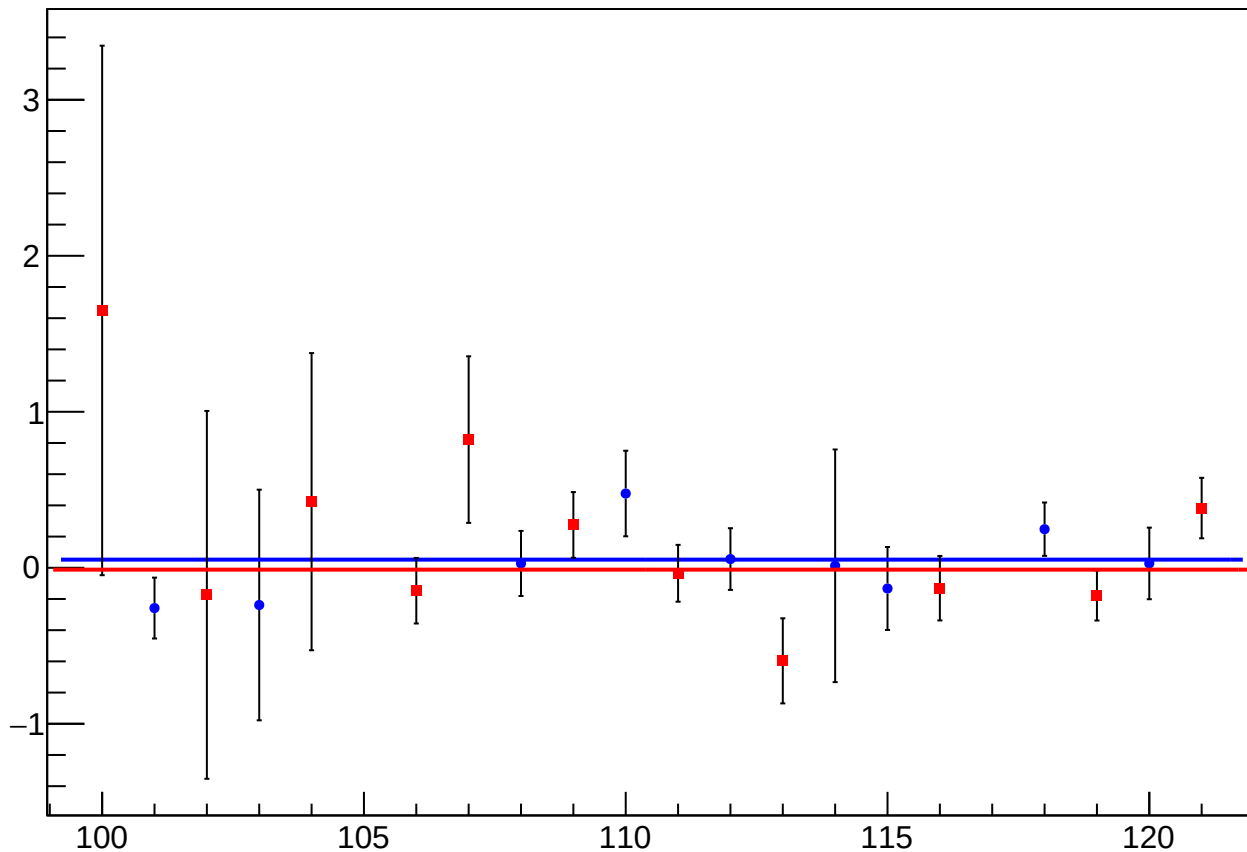
Right: 134.687+/-0.038 χ^2/NDF : 2303843.1/19

In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.687+/-0.038 χ^2/NDF : 2303843.1/19

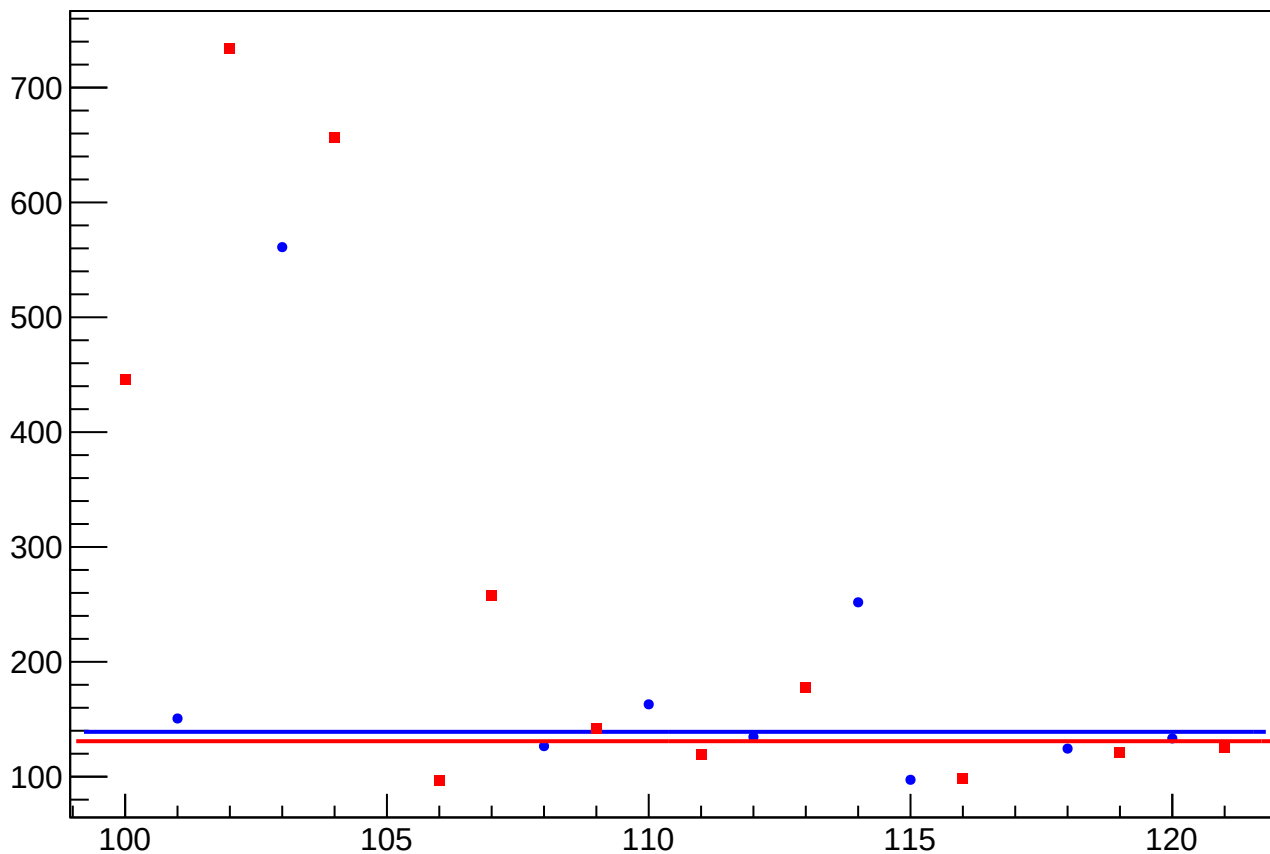
asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.079 χ^2/NDF : 6.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.012+/-0.074 χ^2/NDF : 16.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.018+/-0.054 χ^2/NDF : 23.3/19
 In: 0.052+/-0.079 χ^2/NDF : 6.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.018+/-0.054 χ^2/NDF : 23.3/19

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

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

Right Out: 130.893+/-0.052 χ^2/NDF : 1499285.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

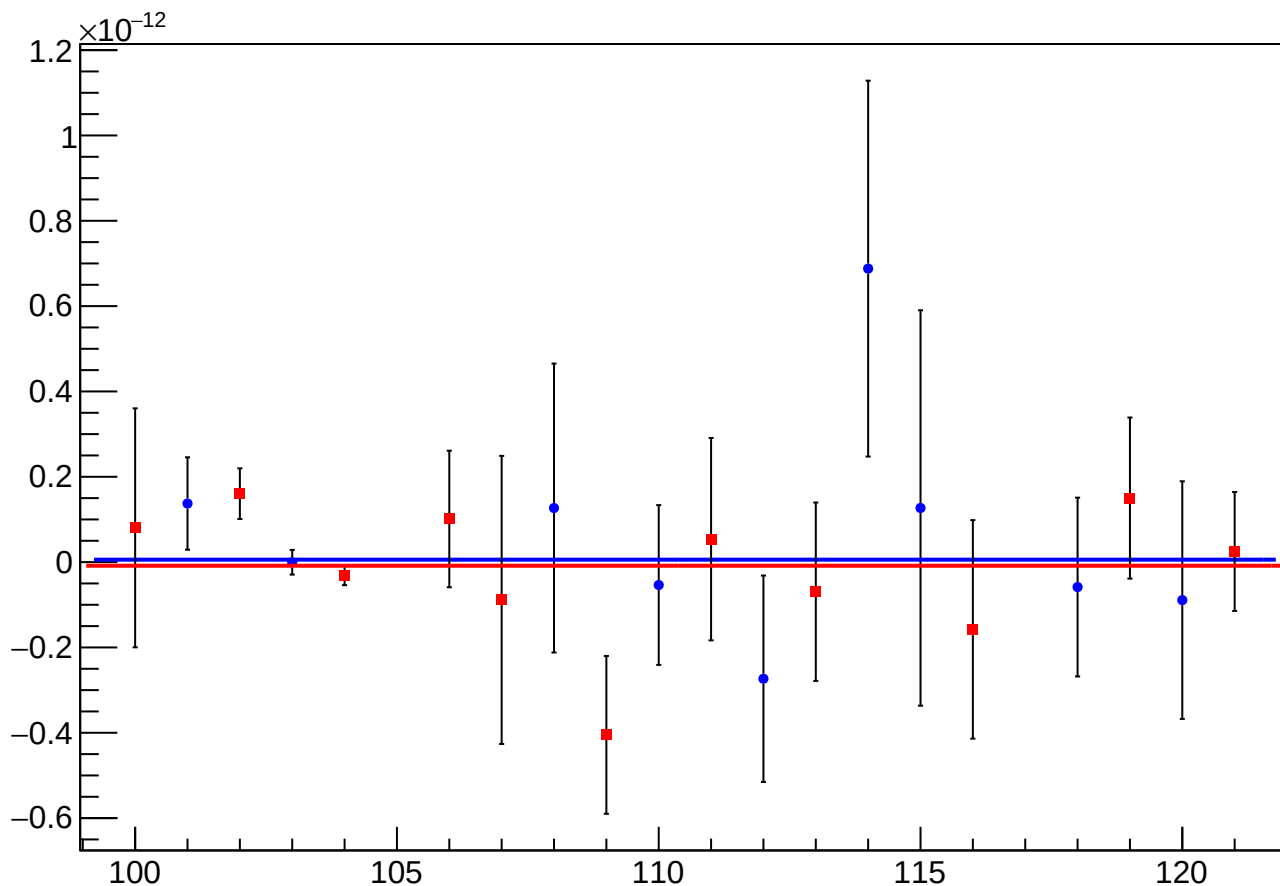
Right: 134.687+/-0.038 χ^2/NDF : 2303843.1/19

In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.687+/-0.038 χ^2/NDF : 2303843.1/19

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

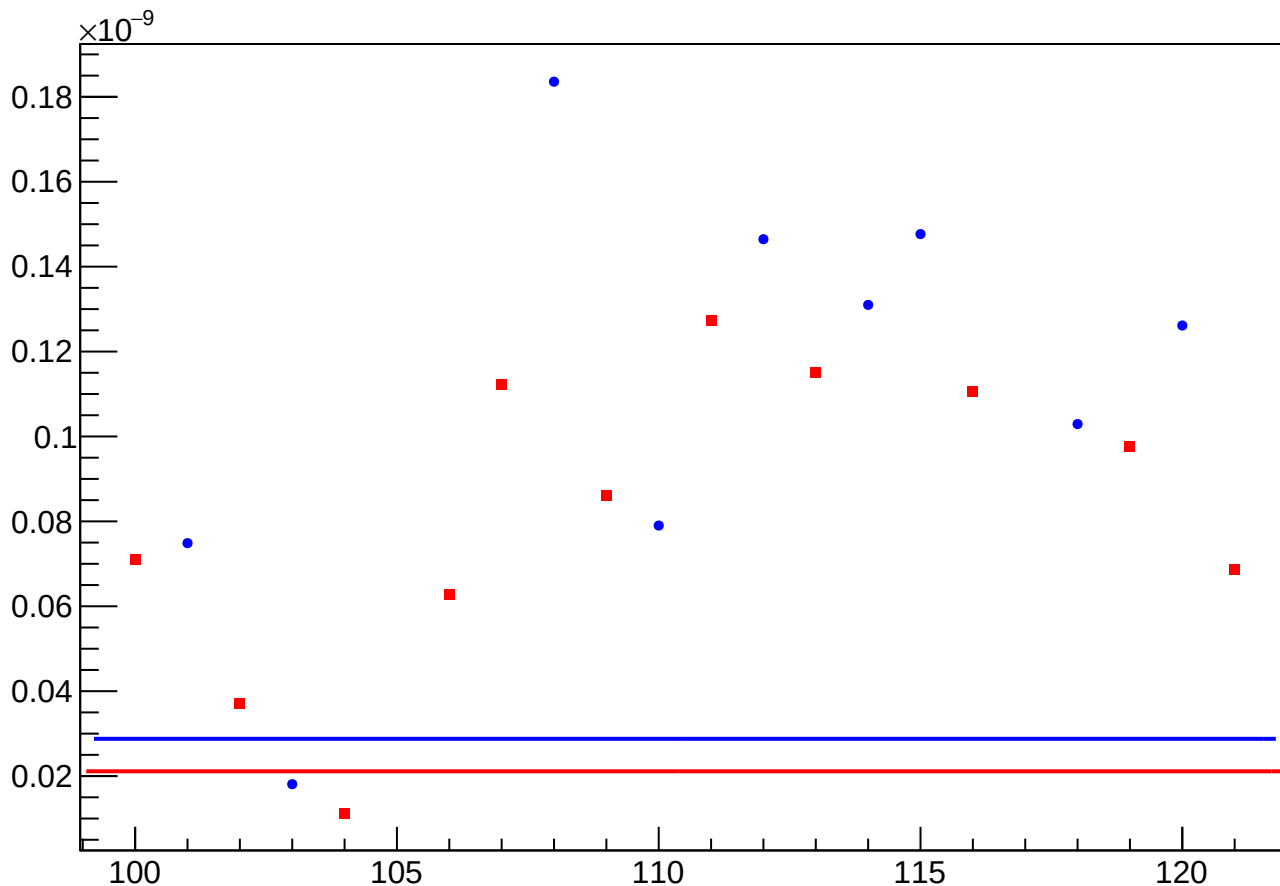
Right: -0.000+/-0.000 χ^2/NDF : 21.5/19

In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/19

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2404110.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2734353.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

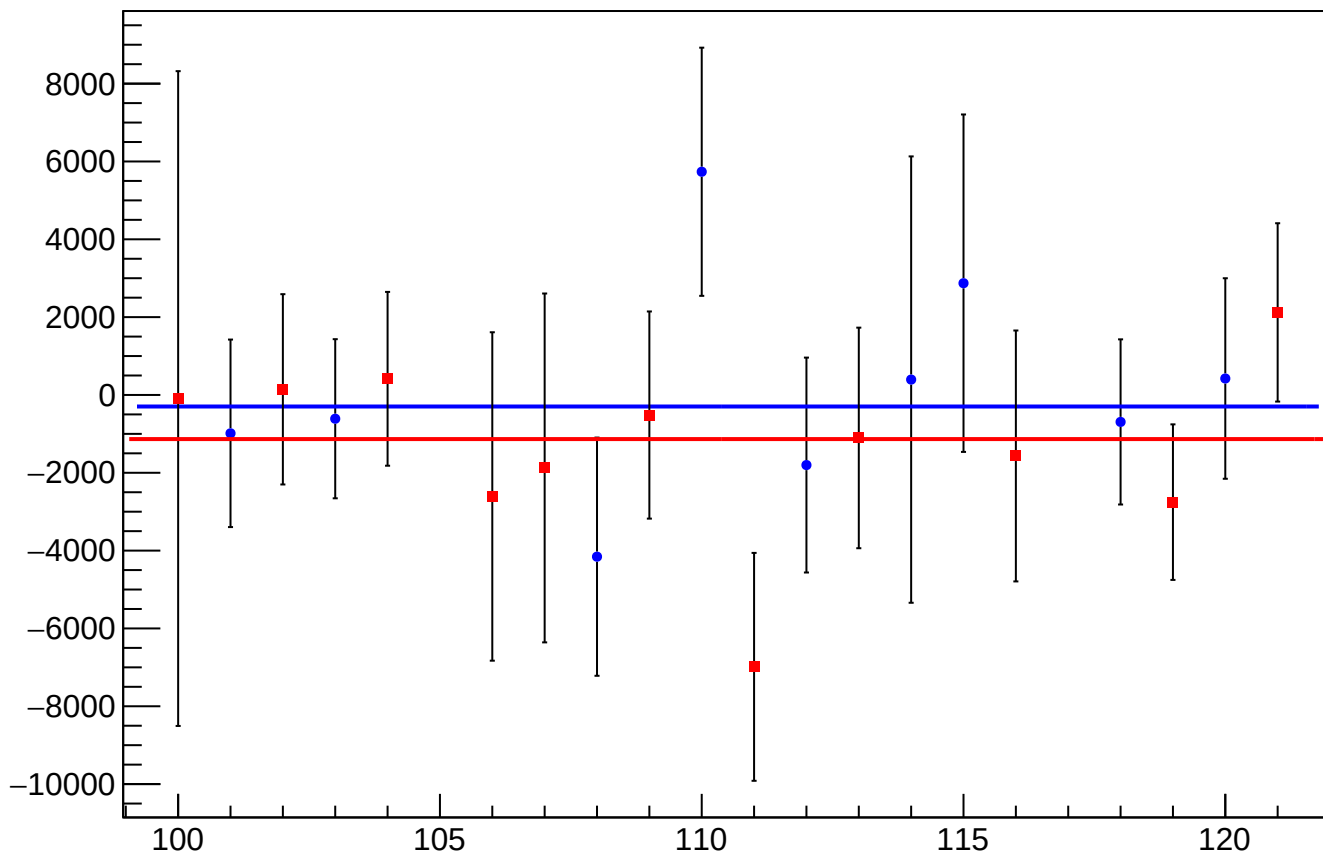
Right: 0.000+/-0.000 χ^2/NDF : 5241706.9/19

In: 0.000+/-0.000 χ^2/NDF : 2404110.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5241706.9/19

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -296.753+/-911.354 χ^2/NDF : 6.2/8

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

Right Out: -1133.840+/-843.051 χ^2/NDF : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

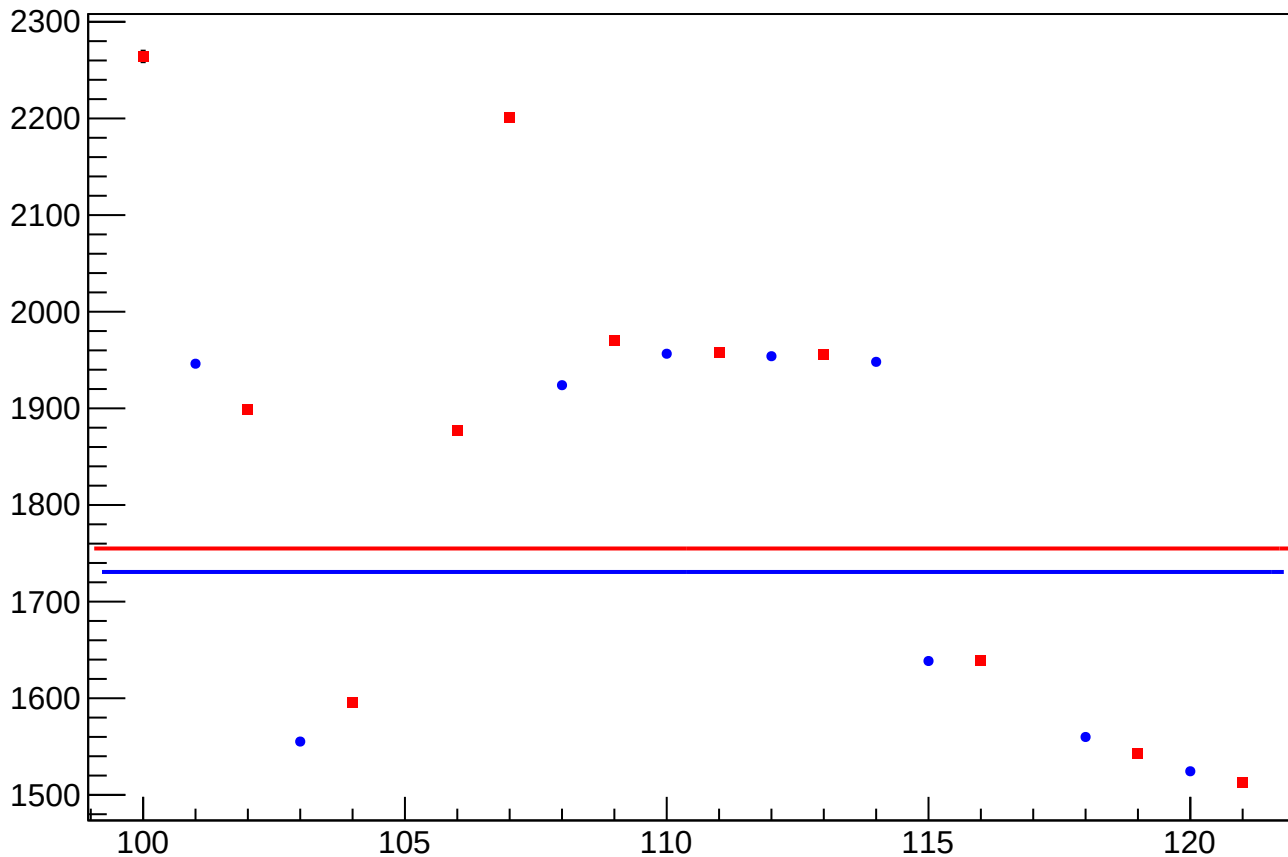
Right: -747.837+/-618.867 χ^2/NDF : 14.3/19

In: -296.753+/-911.354 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -747.837+/-618.867 χ^2/NDF : 14.3/19

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1730.691+/-0.644 χ^2/NDF : 91363.8/8

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

Right Out: 1754.985+/-0.591 χ^2/NDF : 126554.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

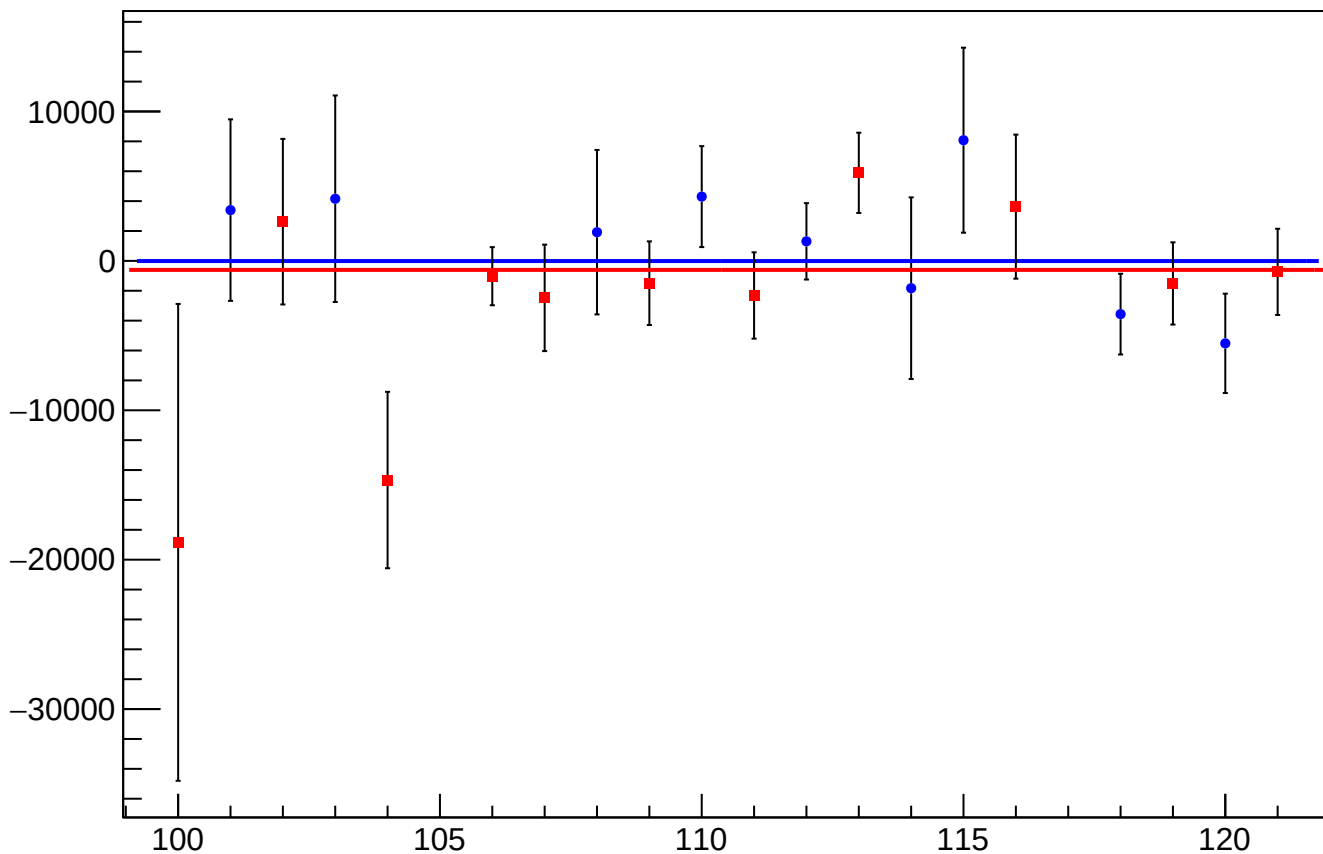
Right: 1743.880+/-0.436 χ^2/NDF : 218690.0/19

In: 1730.691+/-0.644 χ^2/NDF : 91363.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.880+/-0.436 χ^2/NDF : 218690.0/19

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -11.216 ± 1288.731 χ^2/NDF : 9.0/8

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

Right Out: -603.773 ± 958.041 χ^2/NDF : 14.8/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

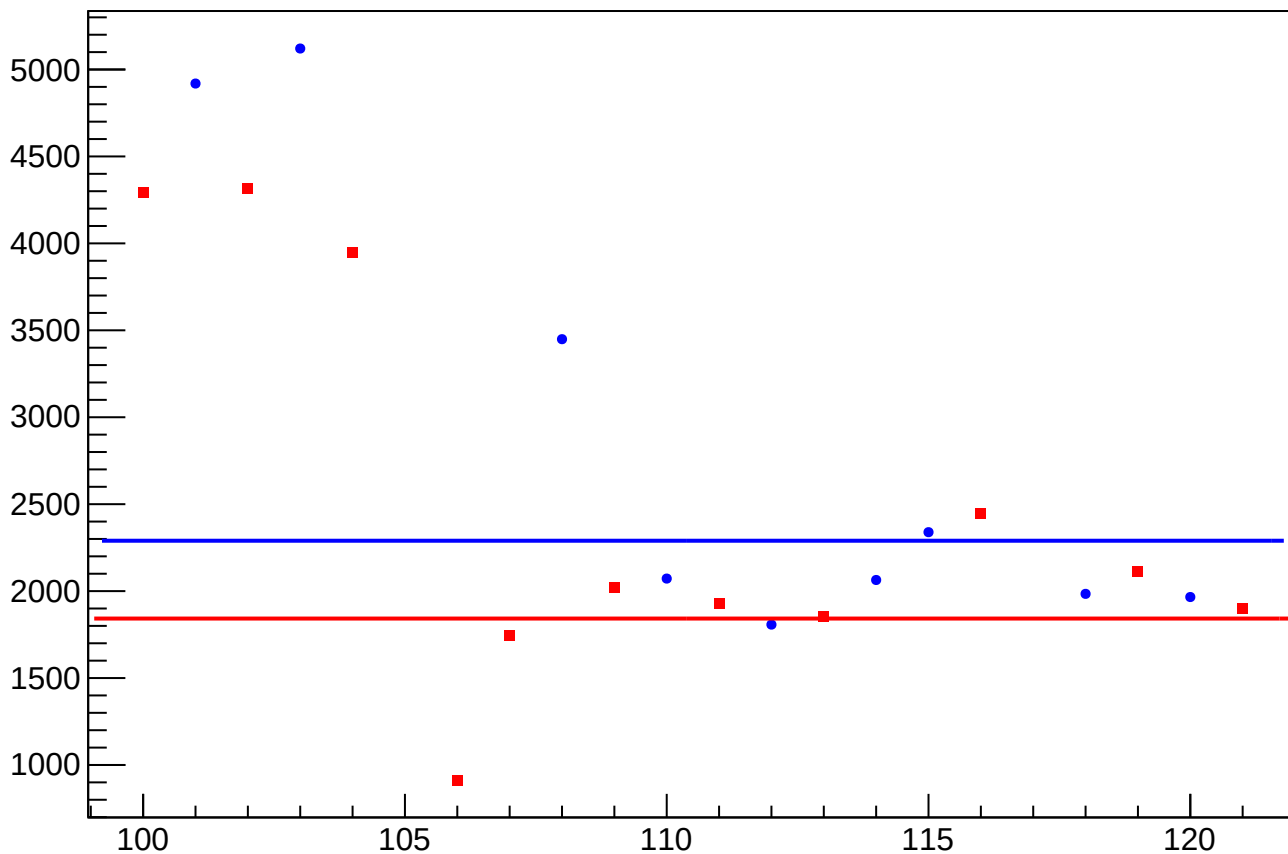
Right: -392.861 ± 768.862 χ^2/NDF : 23.9/19

In: -11.216 ± 1288.731 χ^2/NDF : 9.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -392.861 ± 768.862 χ^2/NDF : 23.9/19

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2289.764+/-0.911 χ^2/NDF : 925835.6/8

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

Right Out: 1842.209+/-0.677 χ^2/NDF : 1221116.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

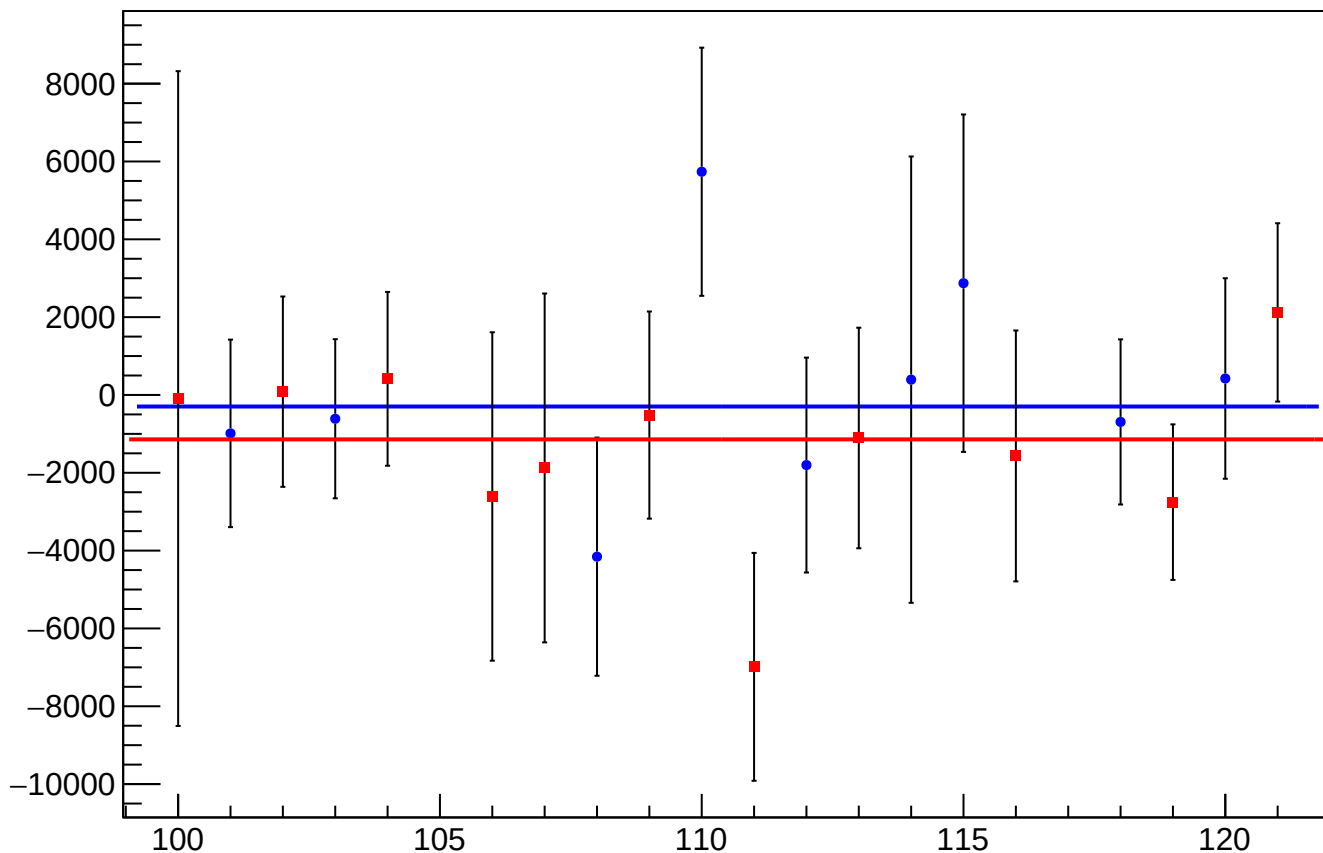
Right: 2001.510+/-0.544 χ^2/NDF : 2302307.8/19

In: 2289.764+/-0.911 χ^2/NDF : 925835.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.510+/-0.544 χ^2/NDF : 2302307.8/19

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -296.859+/-911.354 χ^2/NDF : 6.2/8

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

Right Out: -1141.361+/-843.065 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

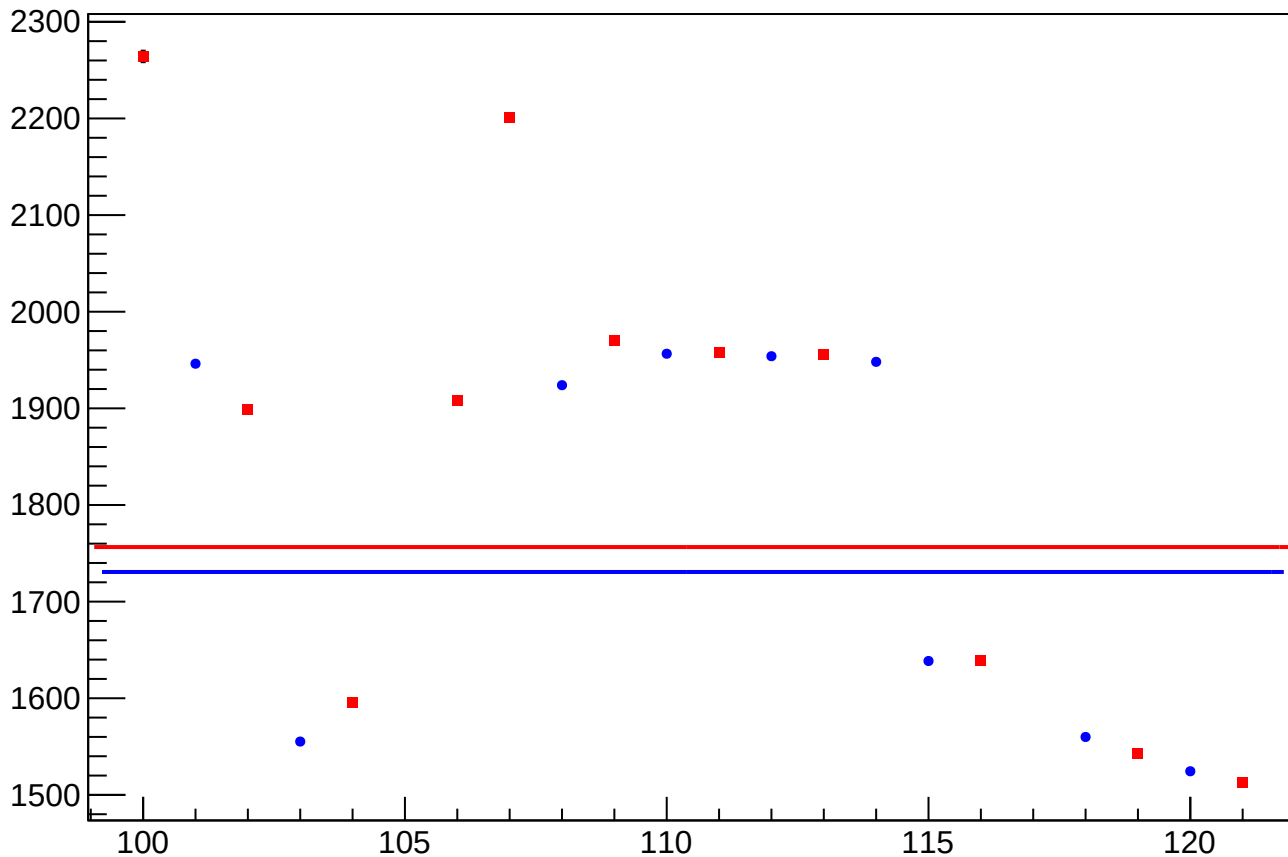
Right: -751.931+/-618.873 χ^2/NDF : 14.3/19

In: -296.859+/-911.354 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -751.931+/-618.873 χ^2/NDF : 14.3/19

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

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

Right Out: 1756.481+/-0.592 χ^2/NDF : 127819.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

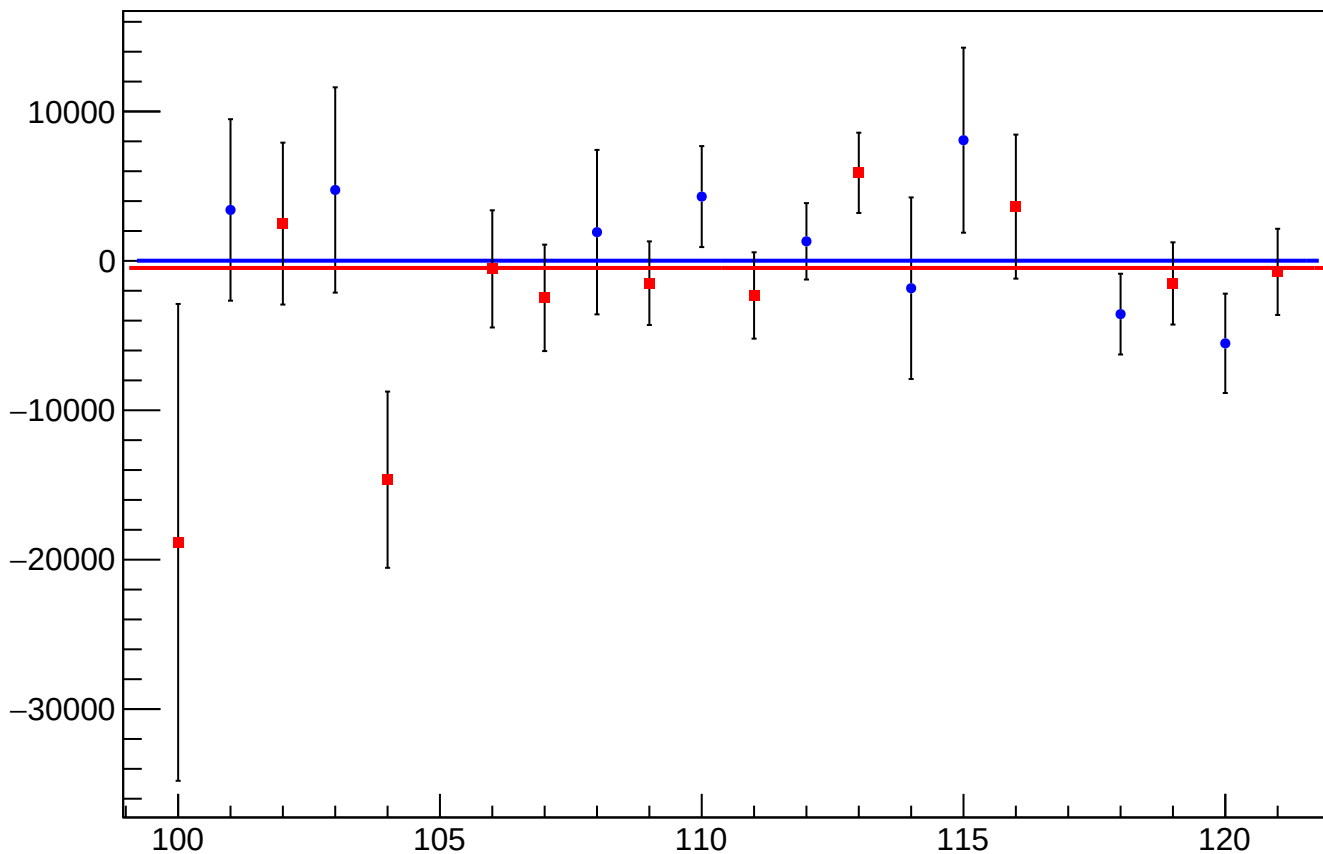
Right: 1744.682+/-0.436 χ^2/NDF : 220052.4/19

In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.682+/-0.436 χ^2/NDF : 220052.4/19

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

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

Right Out: -474.135+/-1058.954 χ^2/NDF : 14.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

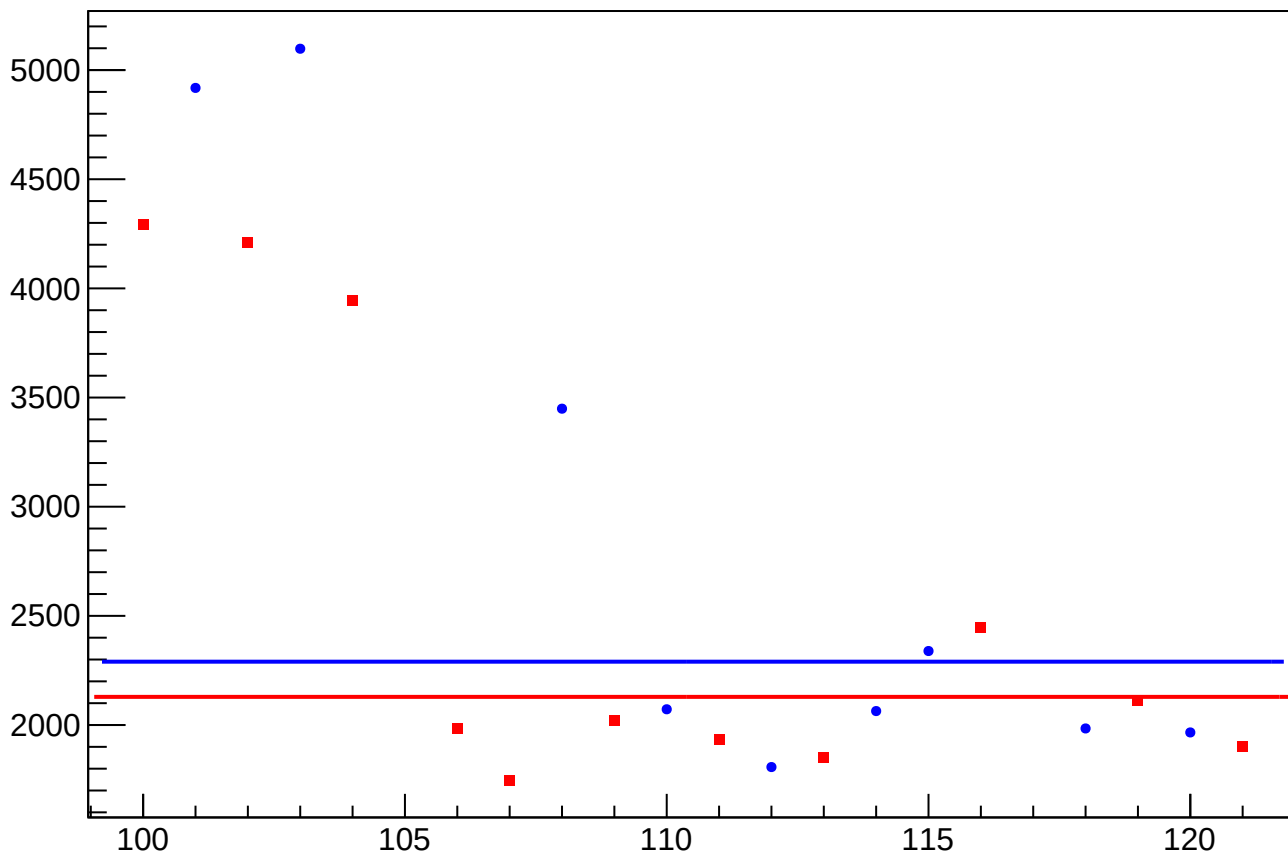
Right: -278.339+/-818.099 χ^2/NDF : 23.9/19

In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.339+/-818.099 χ^2/NDF : 23.9/19

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2290.126+/-0.911 χ^2/NDF : 924253.0/8

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

Right Out: 2128.917+/-0.749 χ^2/NDF : 601304.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

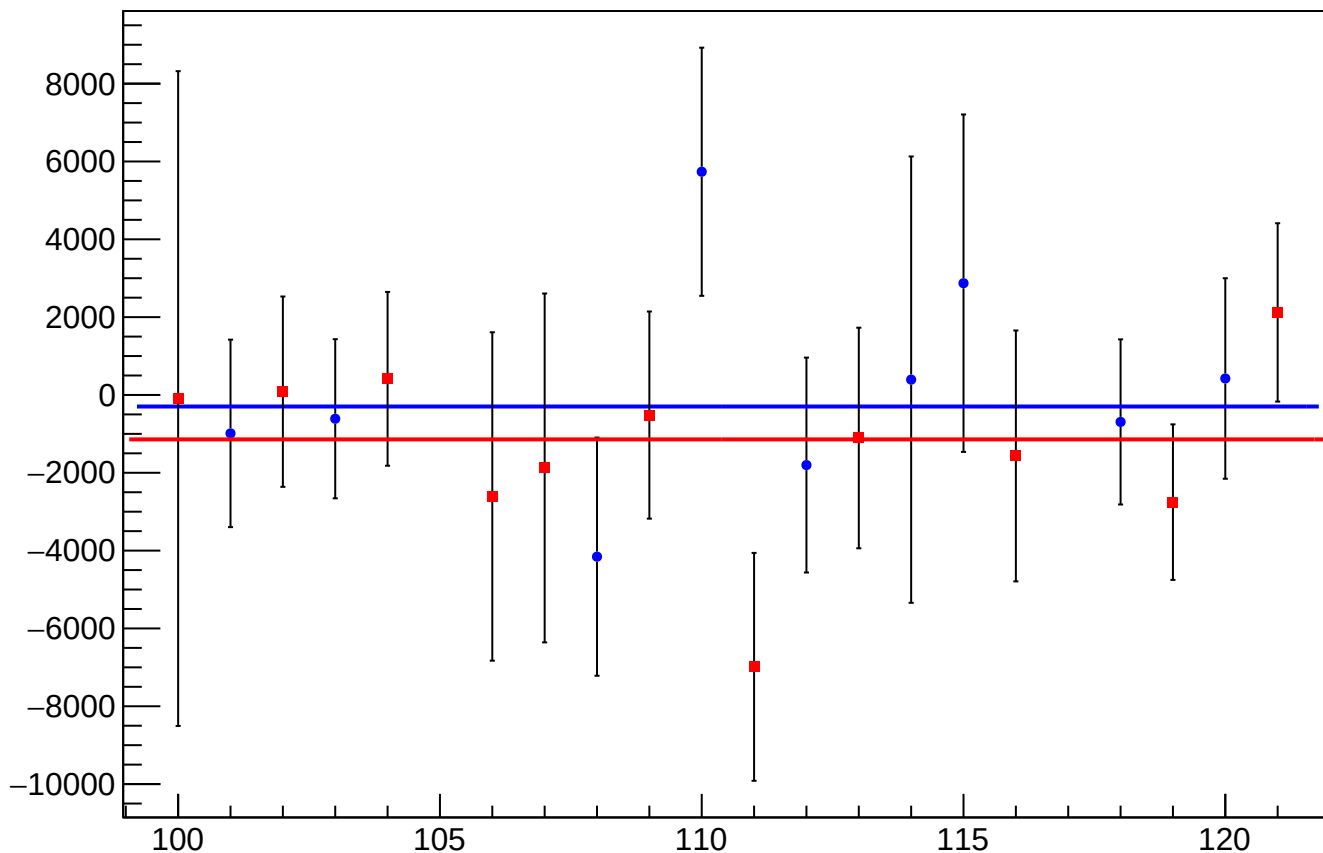
Right: 2193.910+/-0.578 χ^2/NDF : 1544244.5/19

In: 2290.126+/-0.911 χ^2/NDF : 924253.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.910+/-0.578 χ^2/NDF : 1544244.5/19

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -296.859+/-911.354 χ^2/NDF : 6.2/8

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

Right Out: -1141.361+/-843.065 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

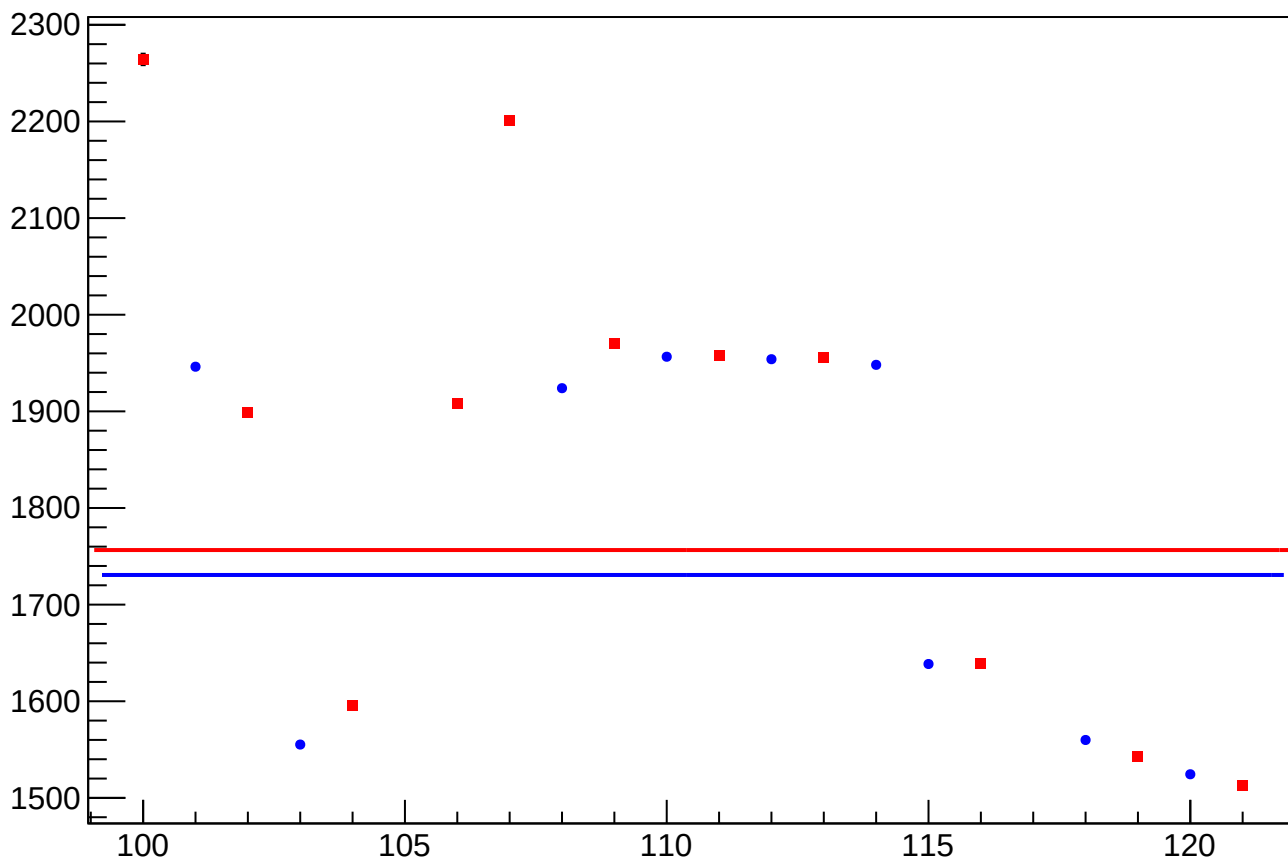
Right: -751.931+/-618.873 χ^2/NDF : 14.3/19

In: -296.859+/-911.354 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -751.931+/-618.873 χ^2/NDF : 14.3/19

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

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

Right Out: 1756.481+/-0.592 χ^2/NDF : 127819.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

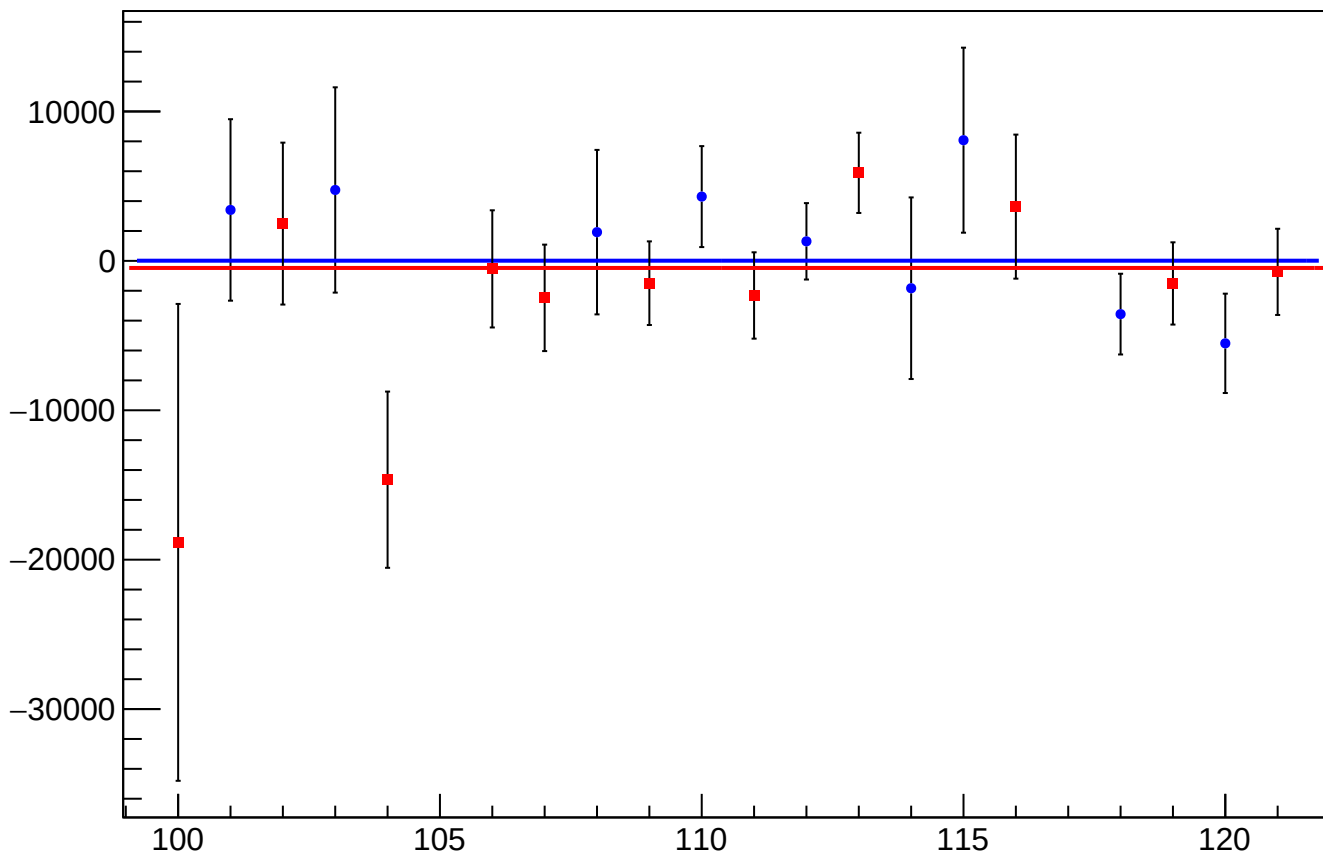
Right: 1744.682+/-0.436 χ^2/NDF : 220052.4/19

In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.682+/-0.436 χ^2/NDF : 220052.4/19

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

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

Right Out: -474.135+/-1058.954 χ^2/NDF : 14.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

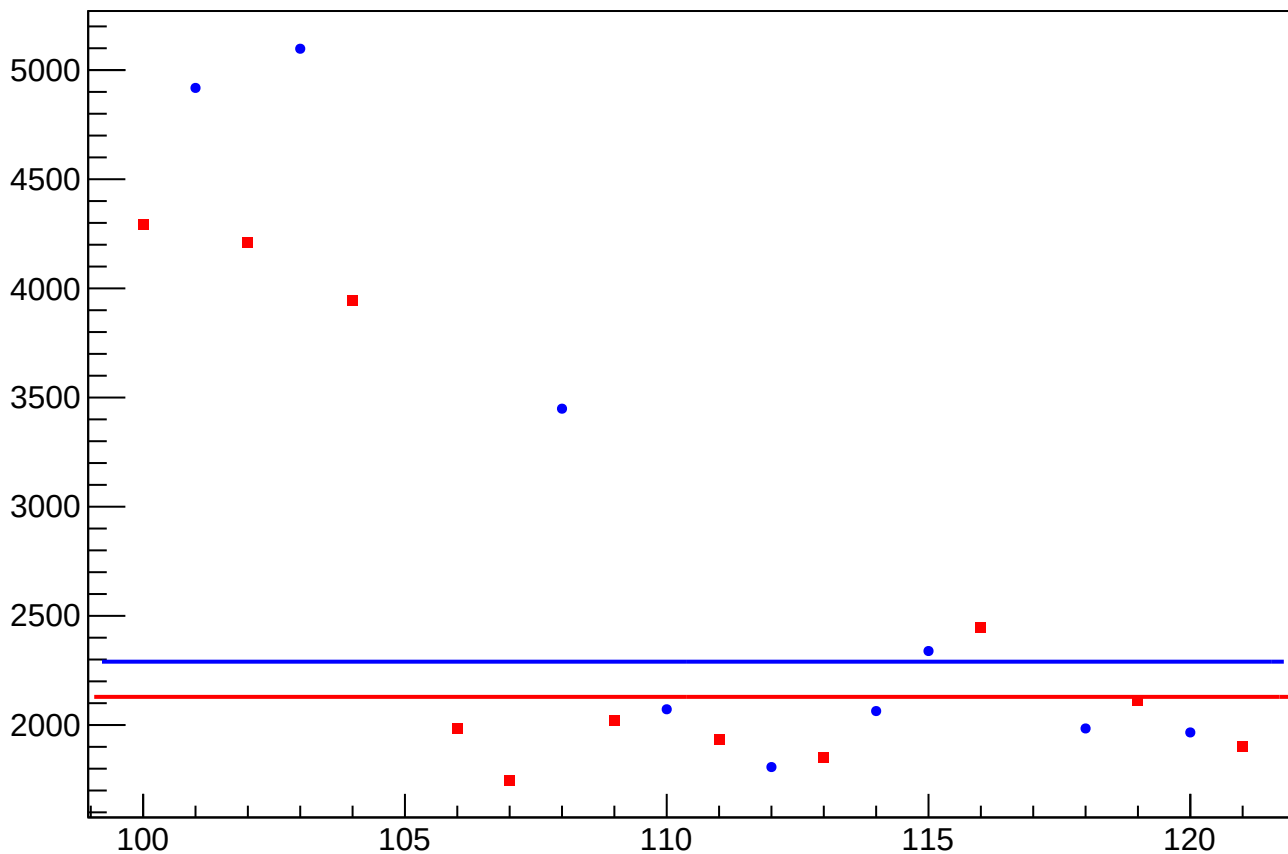
Right: -278.339+/-818.099 χ^2/NDF : 23.9/19

In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.339+/-818.099 χ^2/NDF : 23.9/19

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2290.126+/-0.911 χ^2/NDF : 924253.0/8

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

Right Out: 2128.917+/-0.749 χ^2/NDF : 601304.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

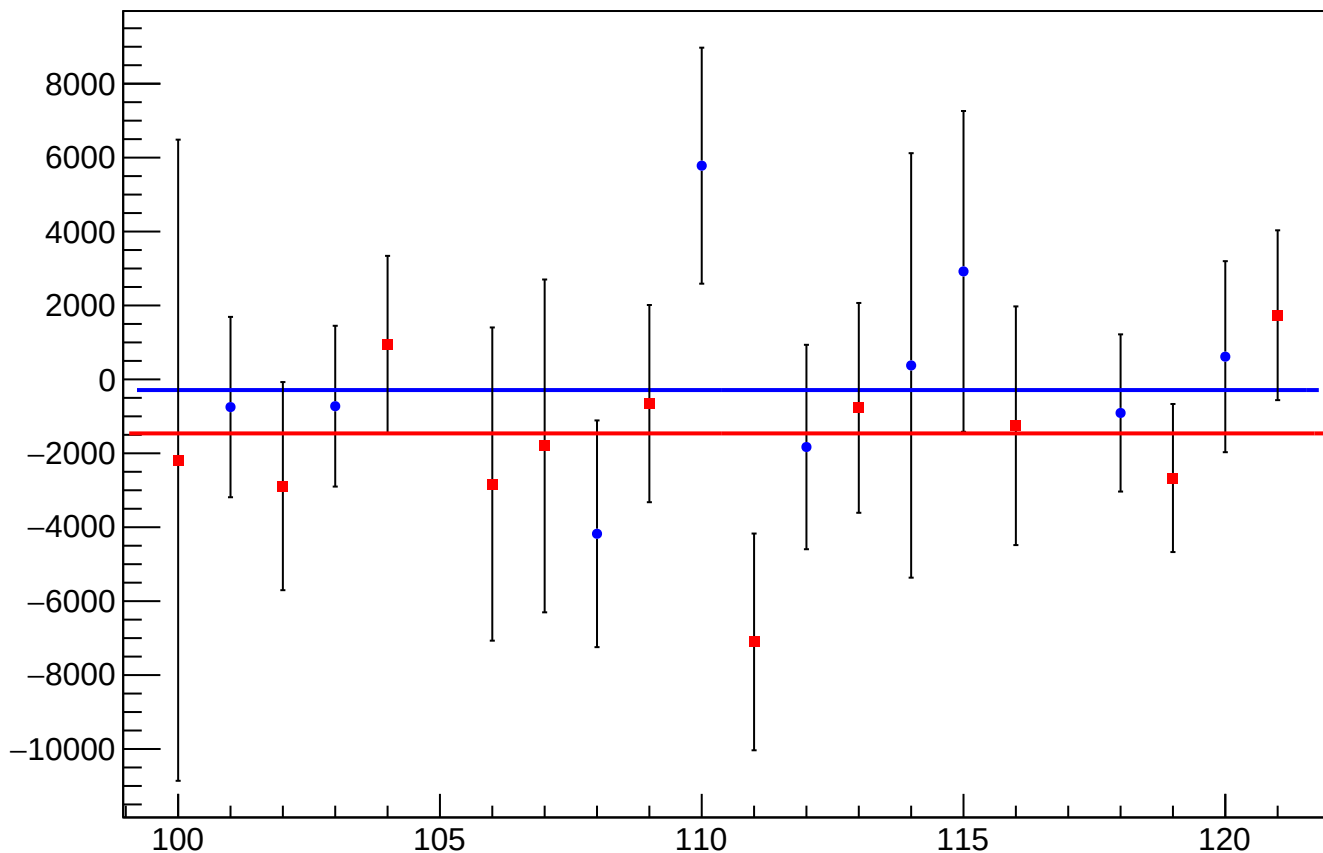
Right: 2193.910+/-0.578 χ^2/NDF : 1544244.5/19

In: 2290.126+/-0.911 χ^2/NDF : 924253.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.910+/-0.578 χ^2/NDF : 1544244.5/19

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -288.712+/-925.016 χ^2/NDF : 6.4/8

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

Right Out: -1461.526+/-866.114 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

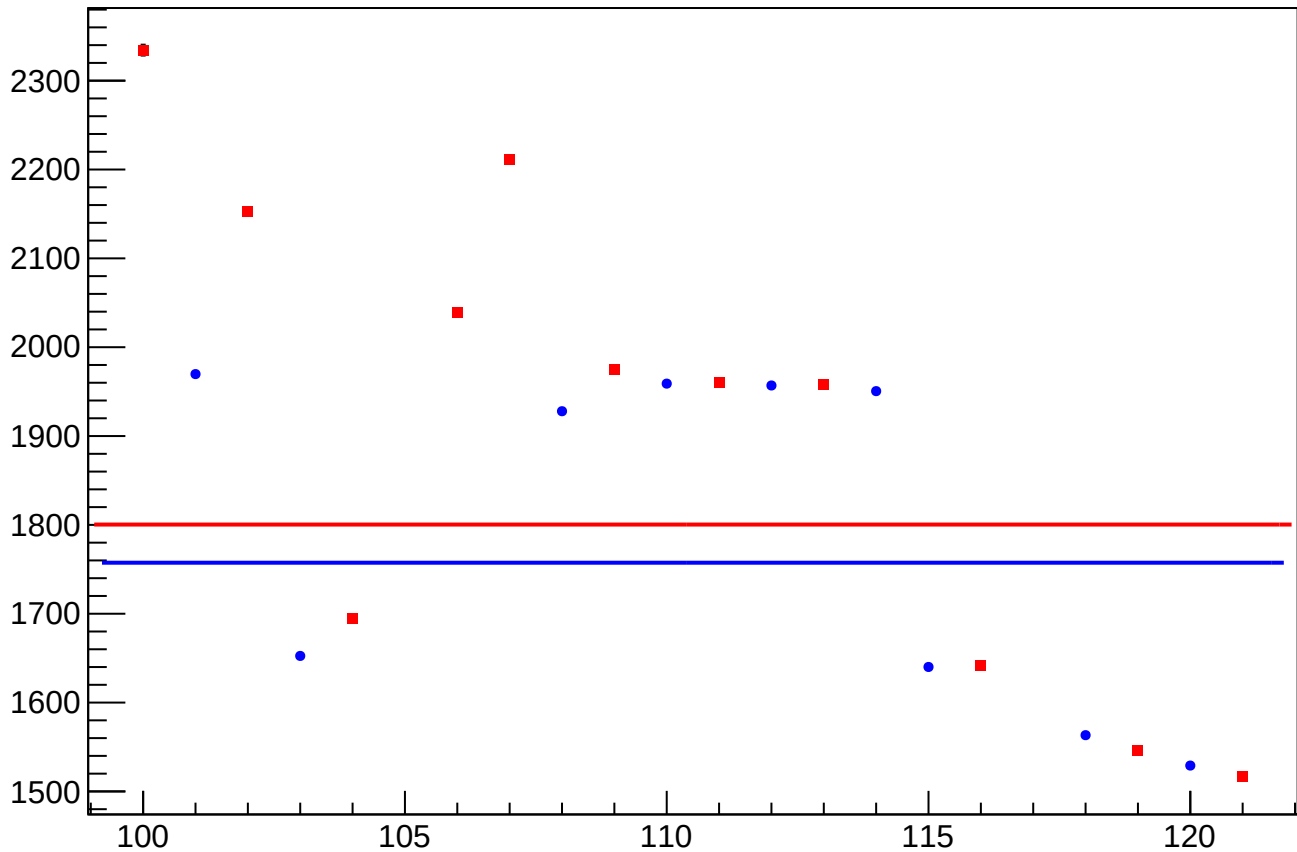
Right: -913.646+/-632.234 χ^2/NDF : 14.8/19

In: -288.712+/-925.016 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.646+/-632.234 χ^2/NDF : 14.8/19

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1757.432+/-0.654 χ^2/NDF : 80353.0/8

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

Right Out: 1800.374+/-0.610 χ^2/NDF : 155031.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

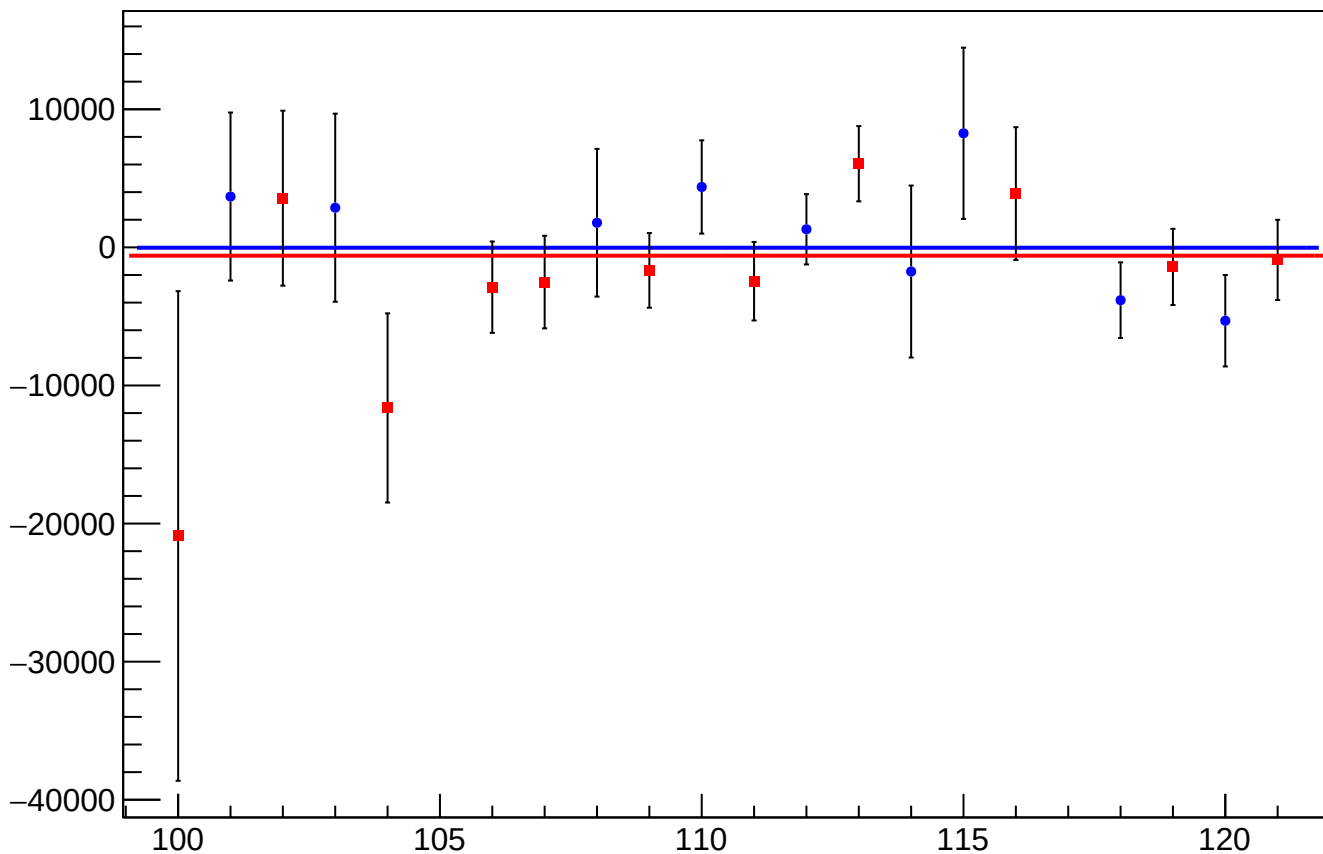
Right: 1780.403+/-0.446 χ^2/NDF : 237690.1/19

In: 1757.432+/-0.654 χ^2/NDF : 80353.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.403+/-0.446 χ^2/NDF : 237690.1/19

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -26.283+/-1288.991 χ^2 /NDF: 9.0/8

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

Right Out: -603.635+/-1043.466 χ^2 /NDF: 12.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

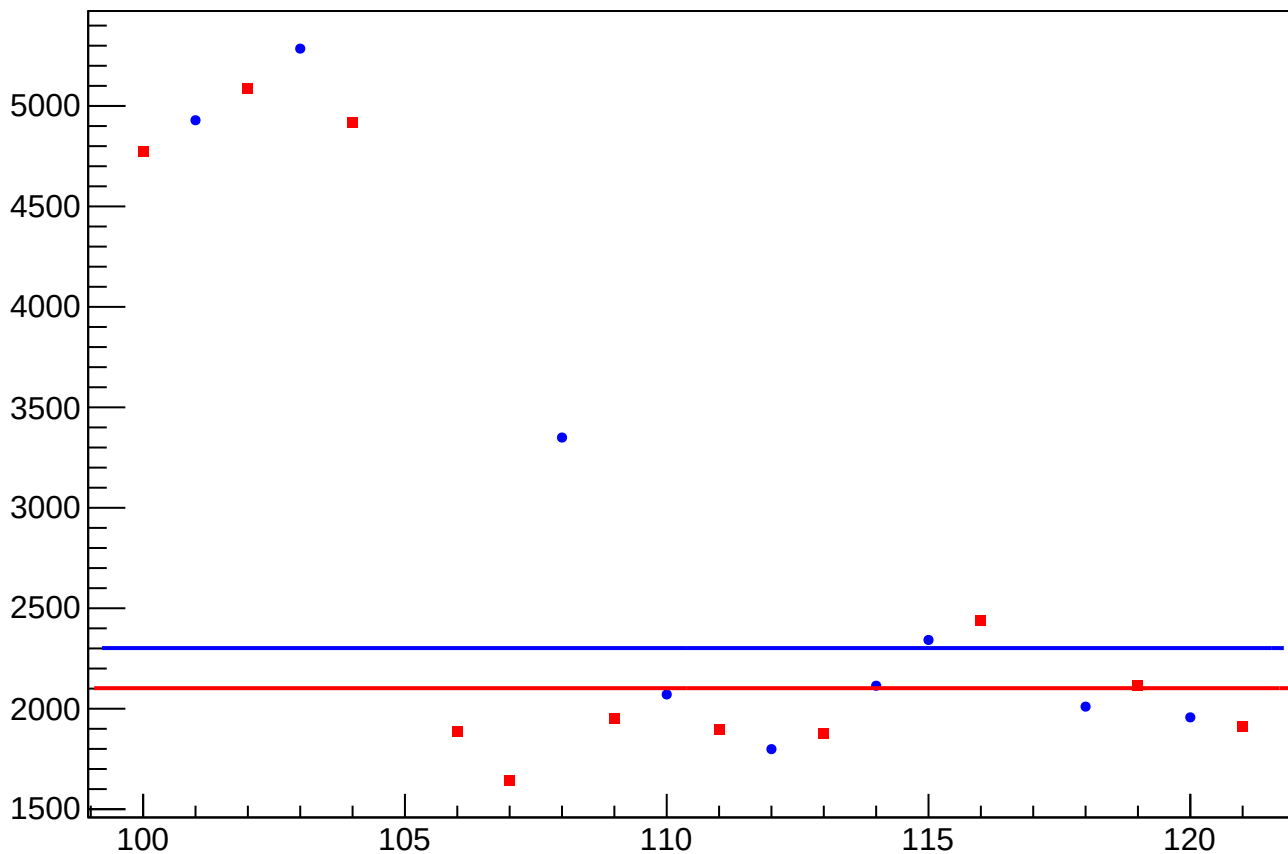
Right: -375.068+/-811.029 χ^2 /NDF: 21.8/19

In: -26.283+/-1288.991 χ^2 /NDF:9.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -375.068+/-811.029 χ^2 /NDF: 21.8/19

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2301.837+/-0.911 χ^2/NDF : 967006.8/8

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

Right Out: 2102.280+/-0.738 χ^2/NDF : 922016.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

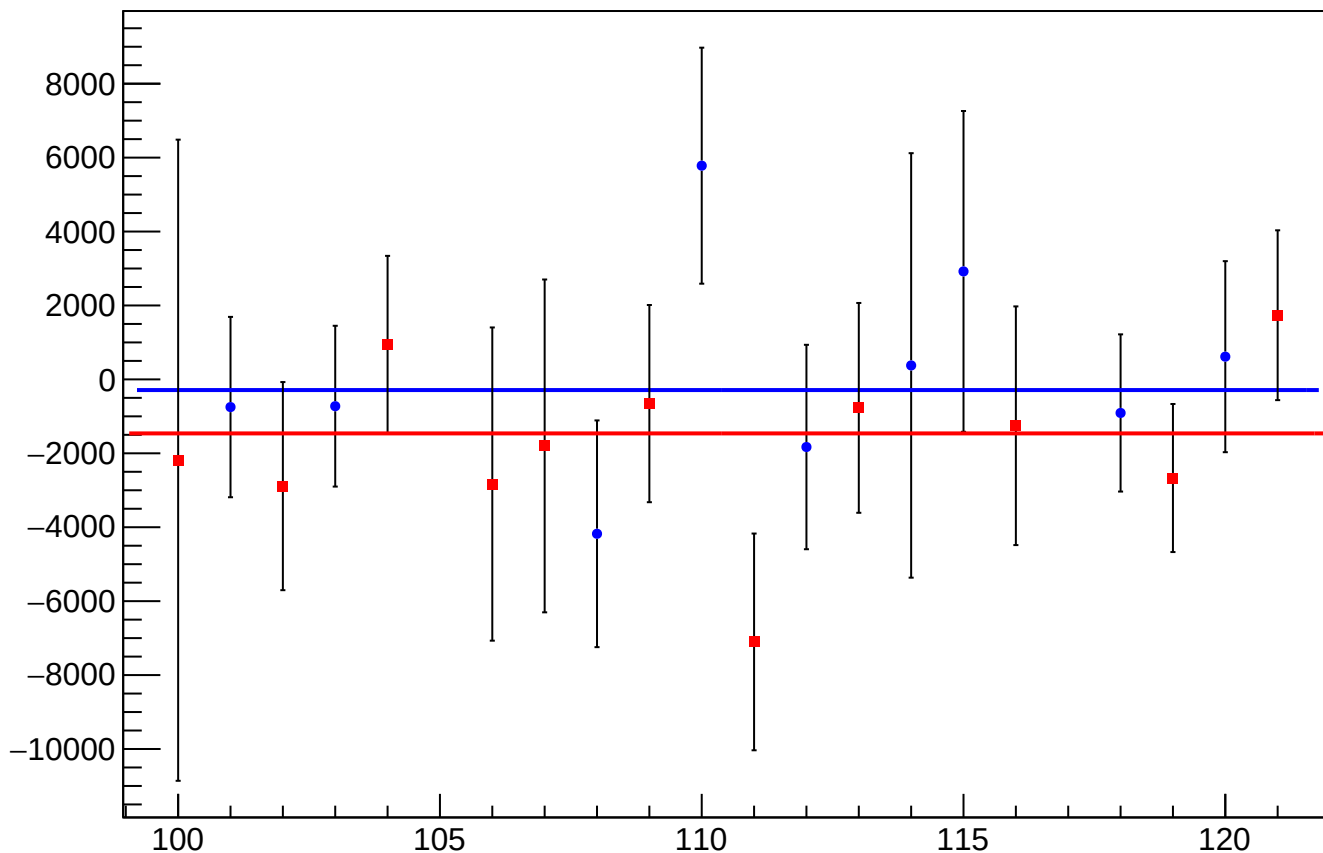
Right: 2181.282+/-0.573 χ^2/NDF : 1917982.4/19

In: 2301.837+/-0.911 χ^2/NDF : 967006.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.282+/-0.573 χ^2/NDF : 1917982.4/19

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -288.714+/-925.016 χ^2/NDF : 6.4/8

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

Right Out: -1461.536+/-866.114 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

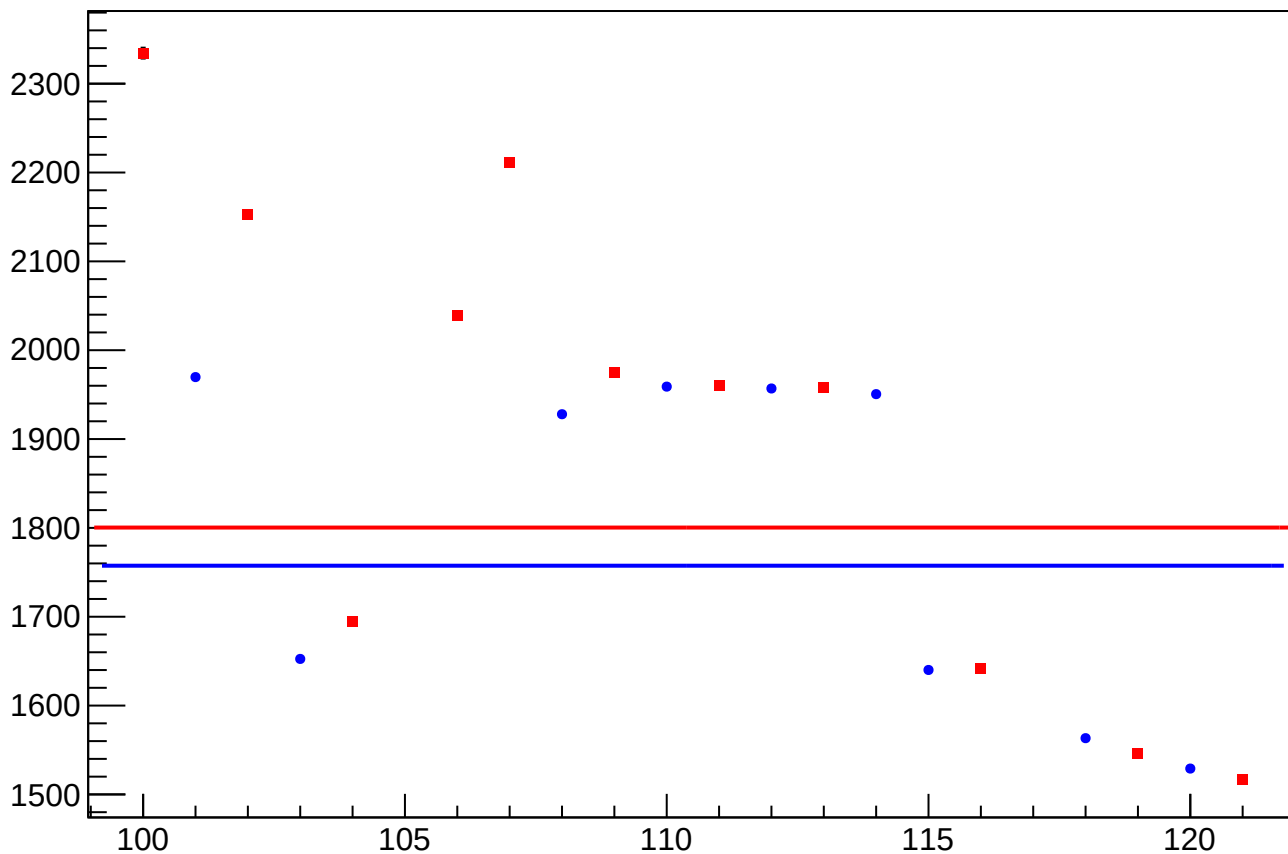
Right: -913.652+/-632.233 χ^2/NDF : 14.8/19

In: -288.714+/-925.016 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.652+/-632.233 χ^2/NDF : 14.8/19

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1757.432+/-0.654 χ^2/NDF : 80353.2/8

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

Right Out: 1800.374+/-0.610 χ^2/NDF : 155031.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

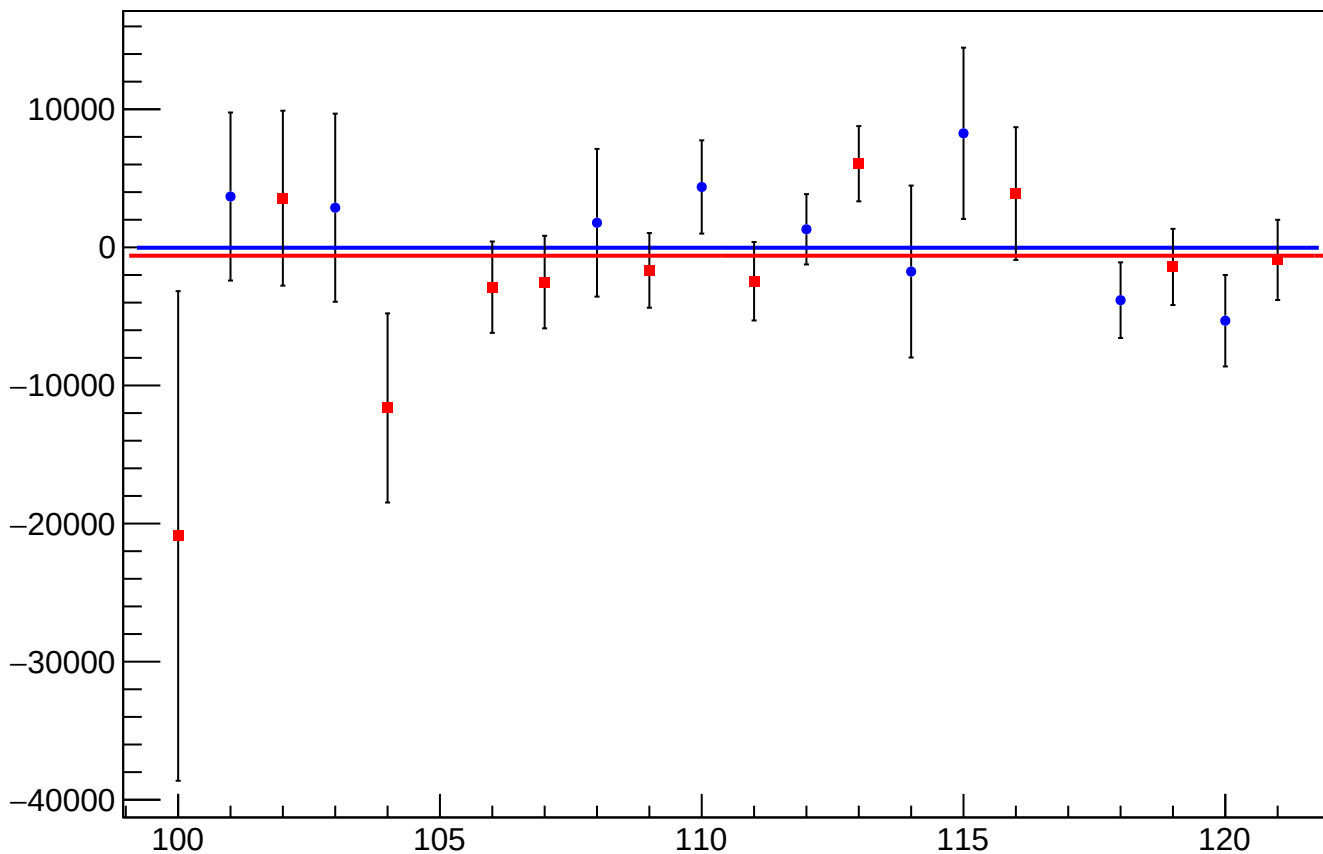
Right: 1780.403+/-0.446 χ^2/NDF : 237689.8/19

In: 1757.432+/-0.654 χ^2/NDF : 80353.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.403+/-0.446 χ^2/NDF : 237689.8/19

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -26.289+/-1288.984 χ^2/NDF : 9.0/8

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

Right Out: -603.634+/-1043.462 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

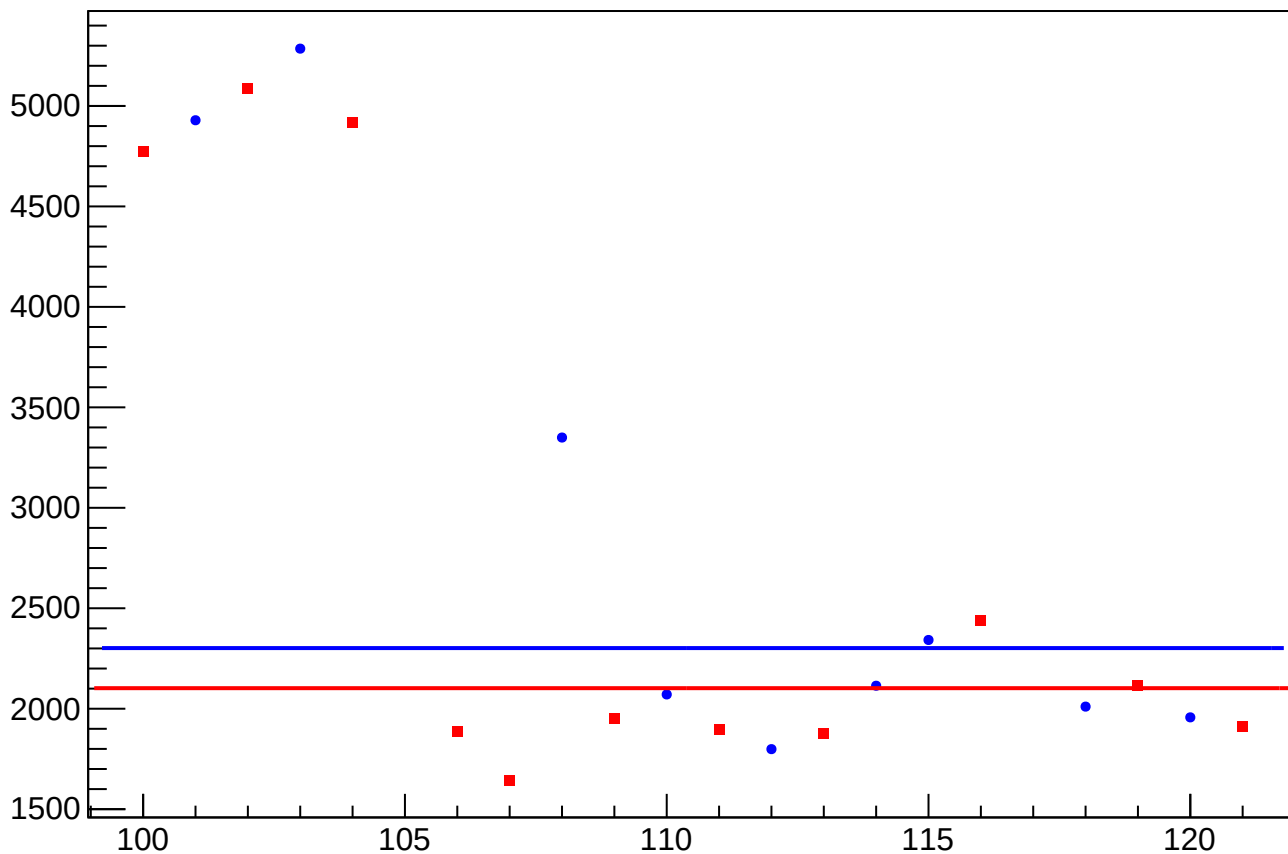
Right: -375.069+/-811.026 χ^2/NDF : 21.8/19

In: -26.289+/-1288.984 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -375.069+/-811.026 χ^2/NDF : 21.8/19

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2301.824+/-0.911 χ^2/NDF : 967013.2/8

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

Right Out: 2102.272+/-0.738 χ^2/NDF : 922021.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

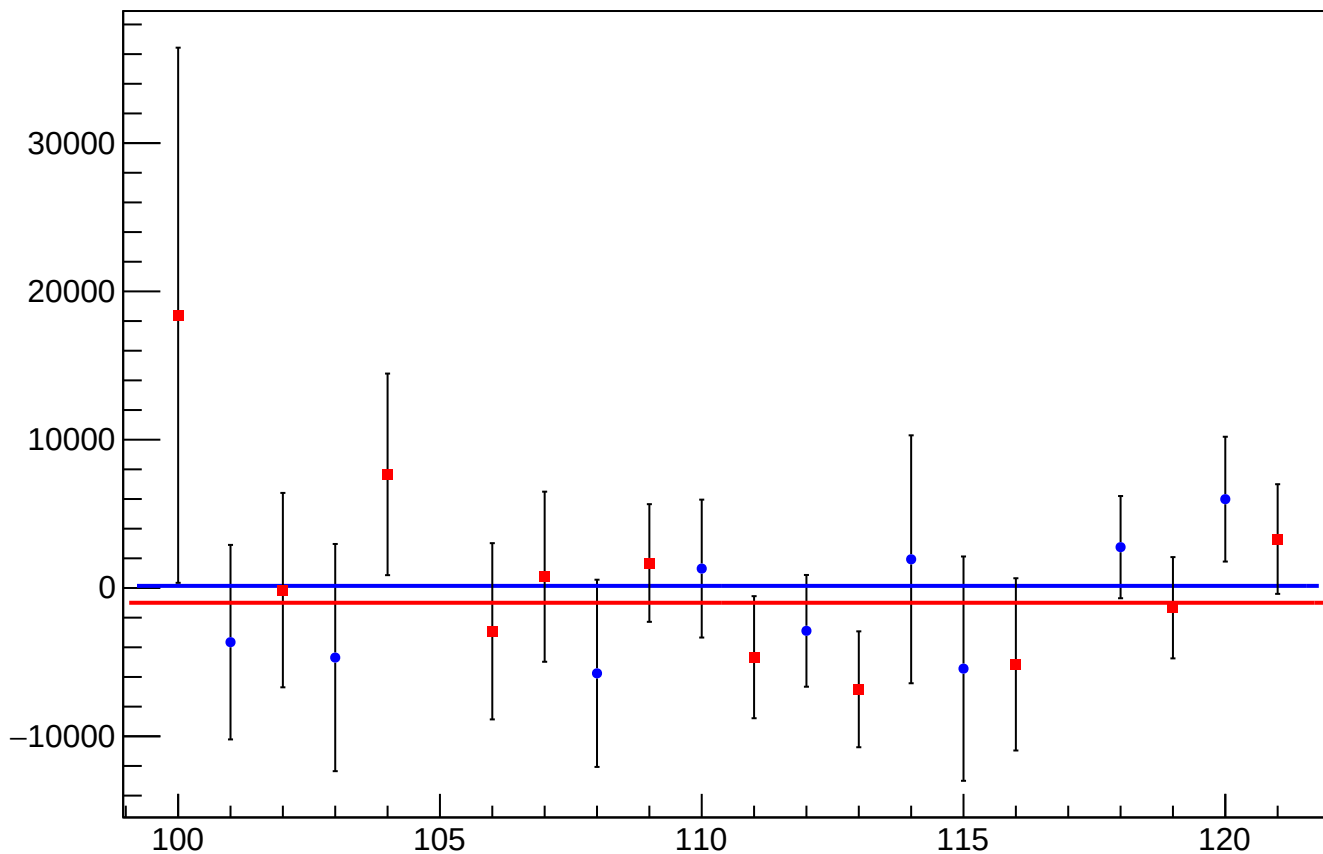
Right: 2181.272+/-0.573 χ^2/NDF : 1917992.0/19

In: 2301.824+/-0.911 χ^2/NDF : 967013.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.272+/-0.573 χ^2/NDF : 1917992.0/19

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 142.366+/-1679.438 χ^2/NDF : 5.4/8

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

Right Out: -996.652+/-1438.369 χ^2/NDF : 8.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

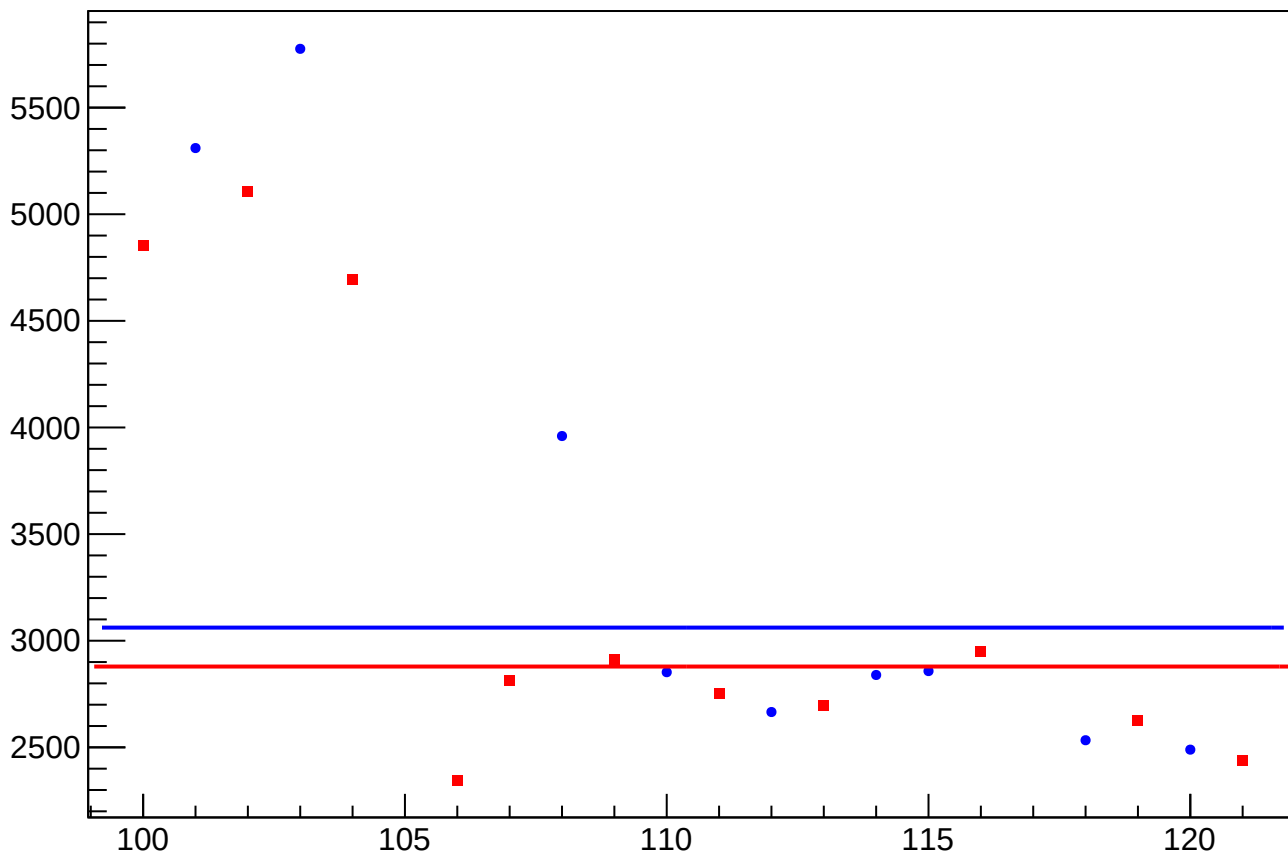
Right: -514.689+/-1092.460 χ^2/NDF : 14.0/19

In: 142.366+/-1679.438 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -514.689+/-1092.460 χ^2/NDF : 14.0/19

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3061.550+/-1.188 χ^2/NDF : 639749.8/8

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

Right Out: 2878.943+/-0.996 χ^2/NDF : 471859.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

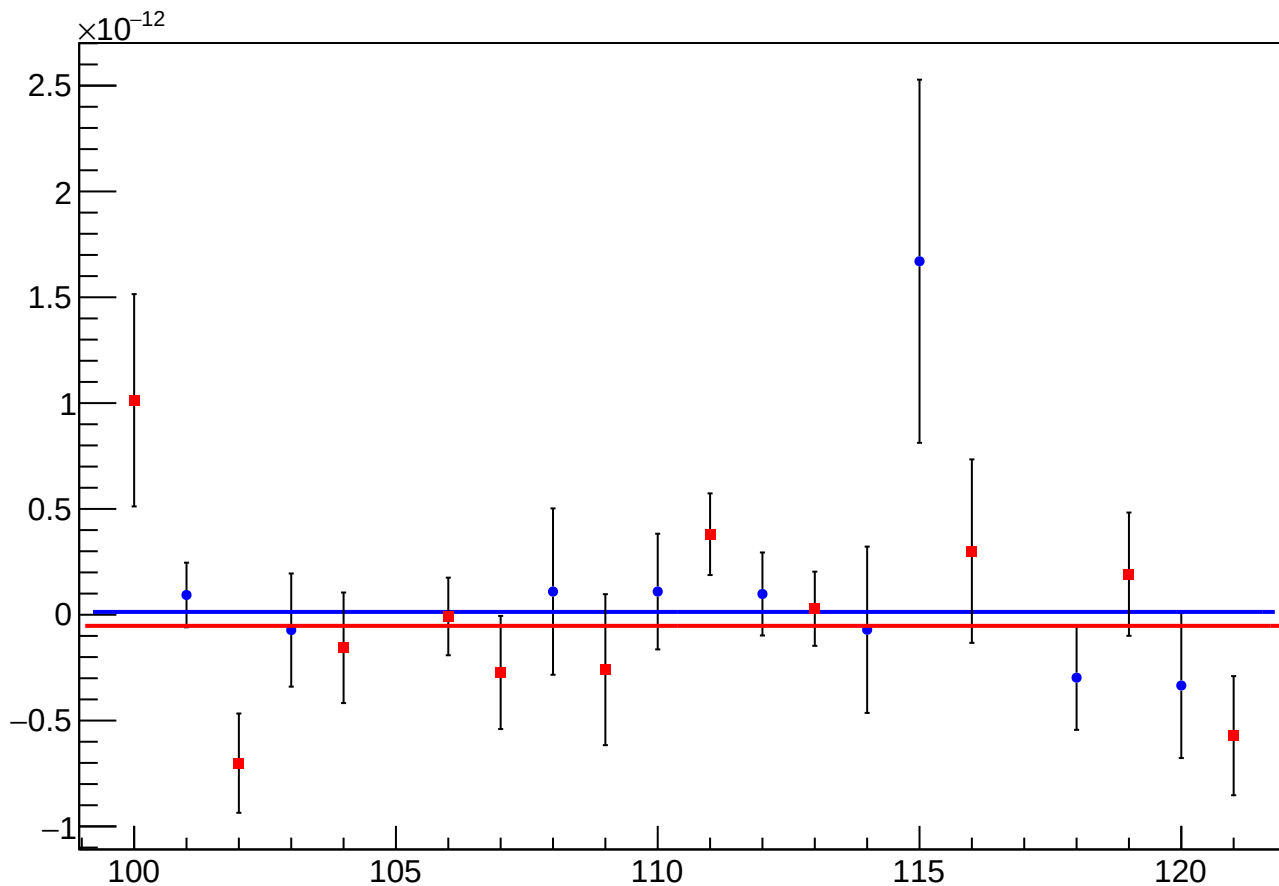
Right: 2954.349+/-0.763 χ^2/NDF : 1125490.4/19

In: 3061.550+/-1.188 χ^2/NDF : 639749.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2954.349+/-0.763 χ^2/NDF : 1125490.4/19

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/8

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/10

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

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

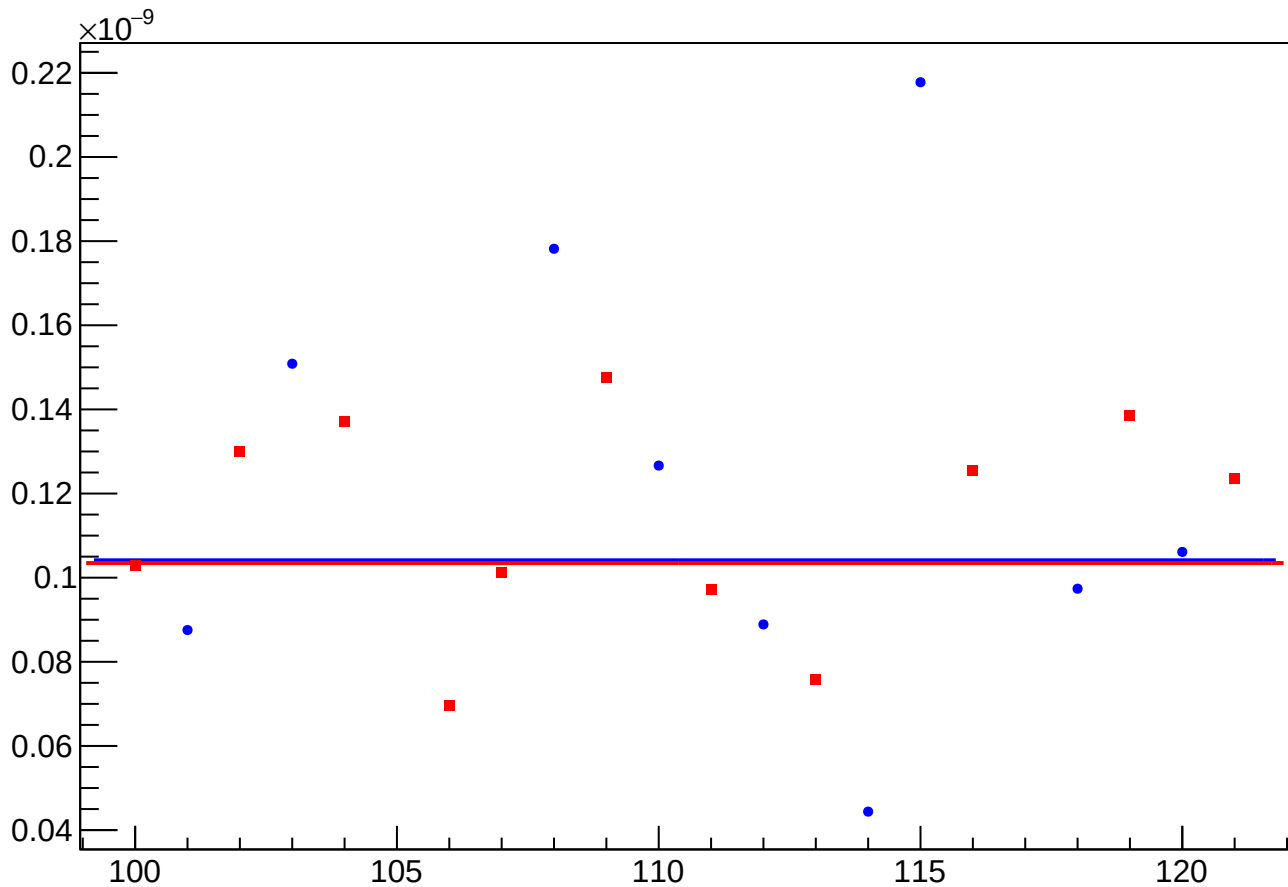
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.9/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/8

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.9/19

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 264246.6/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 254348.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

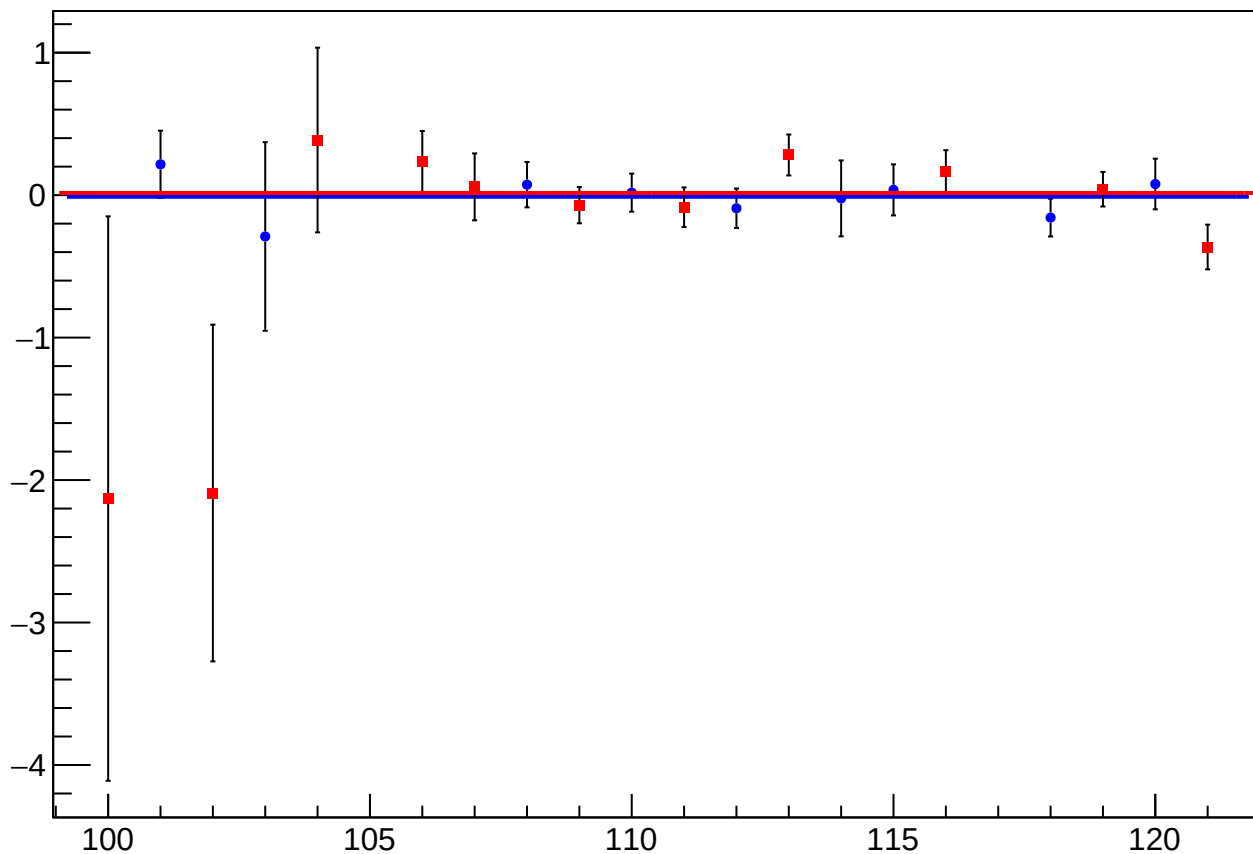
Right: 0.000+/-0.000 χ^2/NDF : 518660.2/19

In: 0.000+/-0.000 χ^2/NDF : 264246.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 518660.2/19

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.058 χ^2 /NDF: 3.3/8

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

Right Out: 0.015 $\pm$ 0.053 χ^2 /NDF: 17.1/10

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

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

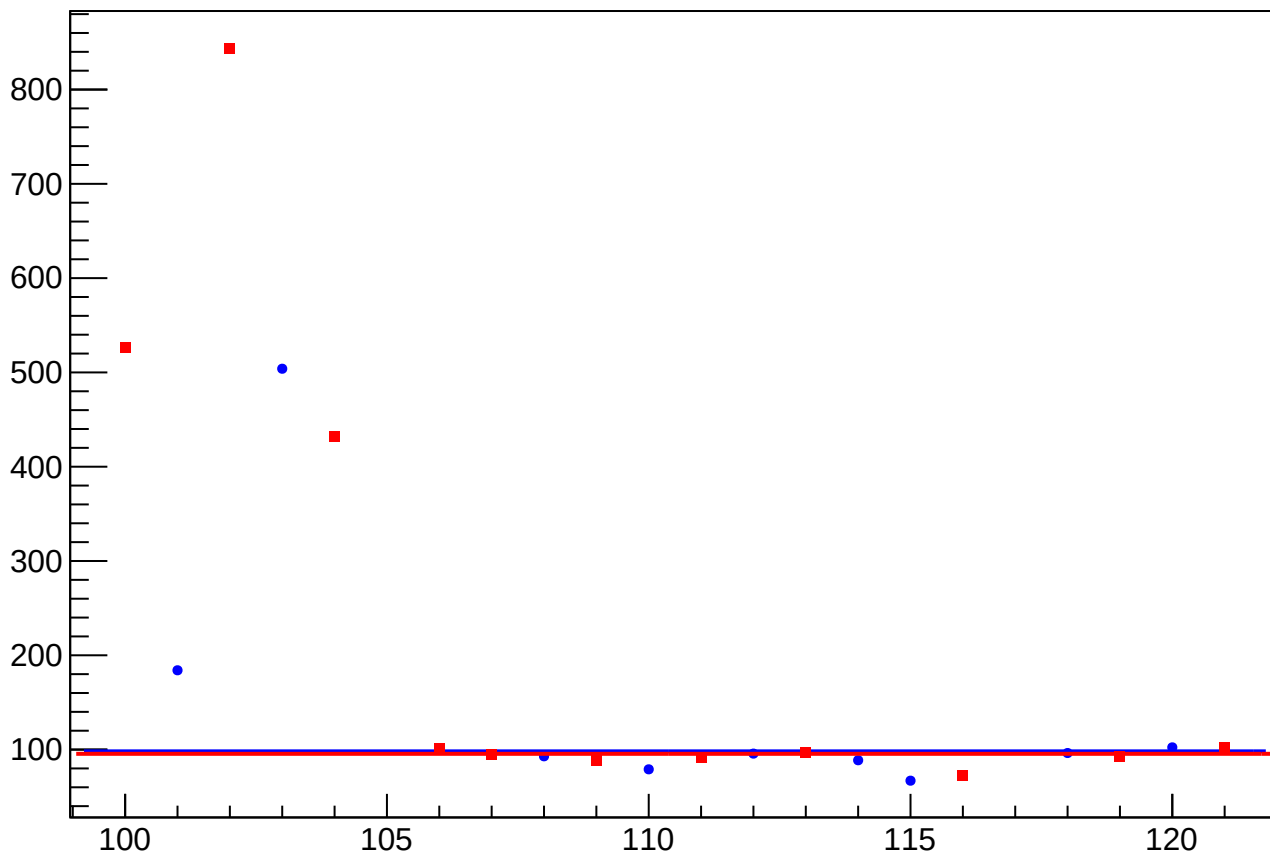
Right: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

In: -0.011 $\pm$ 0.058 χ^2 /NDF:3.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

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

Right Out: 95.505+/-0.037 χ^2/NDF : 1497098.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

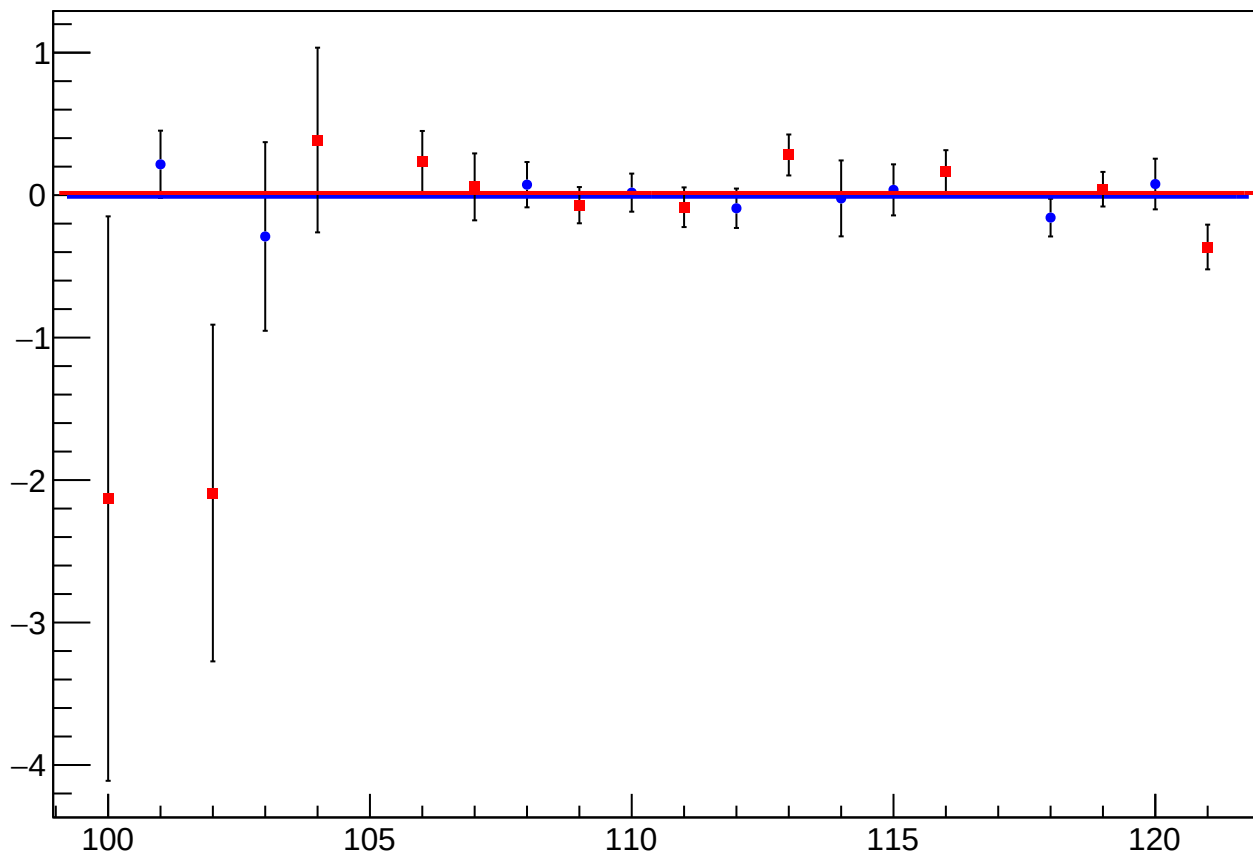
Right: 96.696+/-0.028 χ^2/NDF : 2623269.4/19

In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.696+/-0.028 χ^2/NDF : 2623269.4/19

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.058 χ^2 /NDF: 3.3/8

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

Right Out: 0.015 $\pm$ 0.053 χ^2 /NDF: 17.1/10

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

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

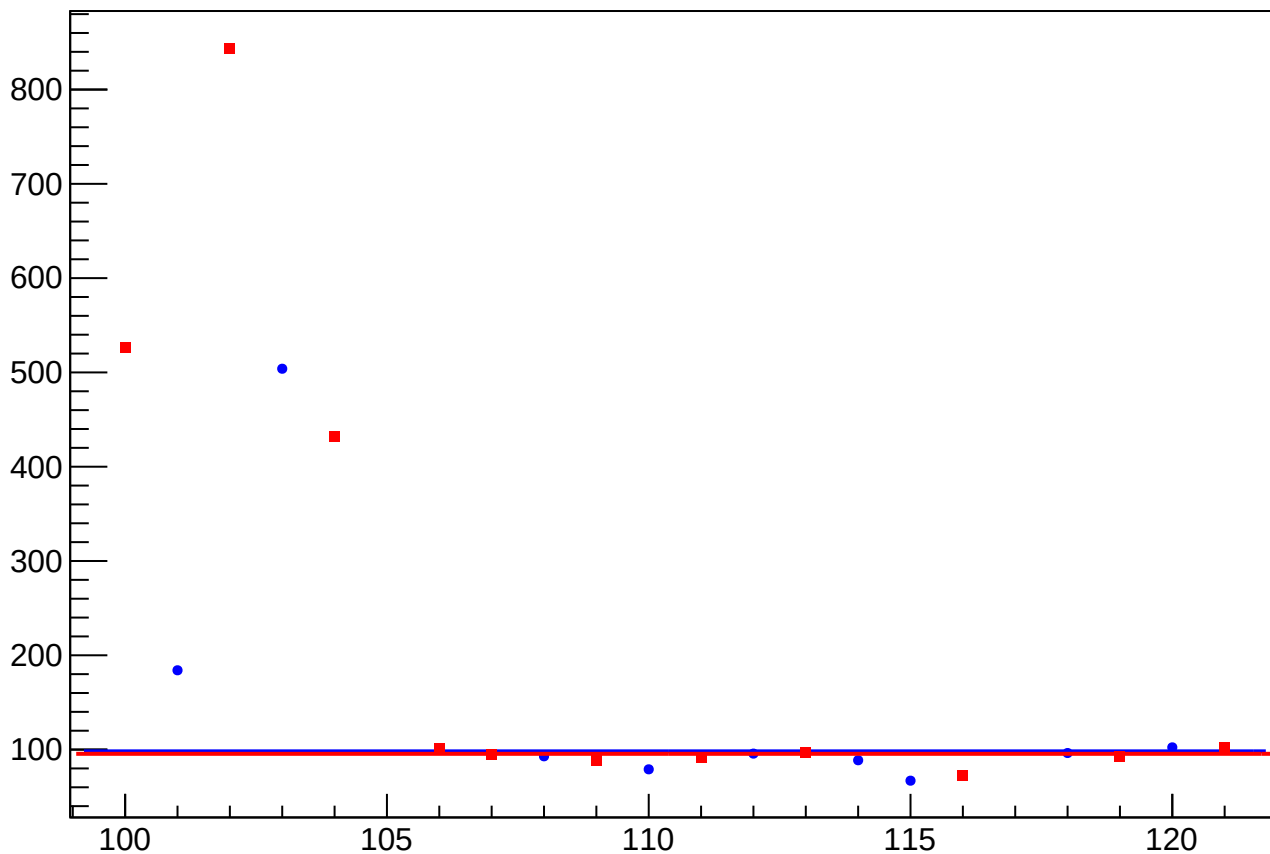
Right: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

In: -0.011 $\pm$ 0.058 χ^2 /NDF:3.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

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

Right Out: 95.505+/-0.037 χ^2/NDF : 1497098.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

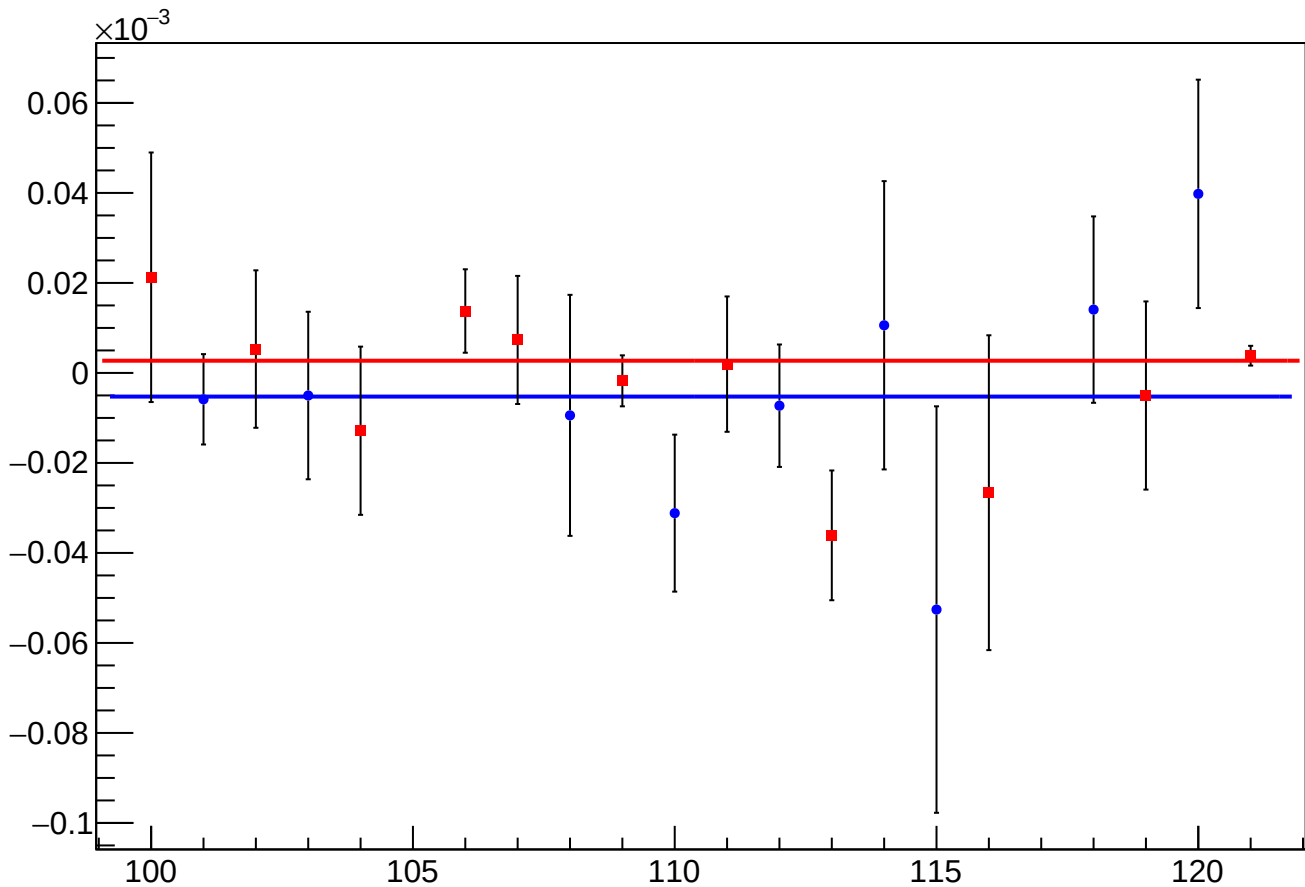
Right: 96.696+/-0.028 χ^2/NDF : 2623269.4/19

In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.696+/-0.028 χ^2/NDF : 2623269.4/19

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

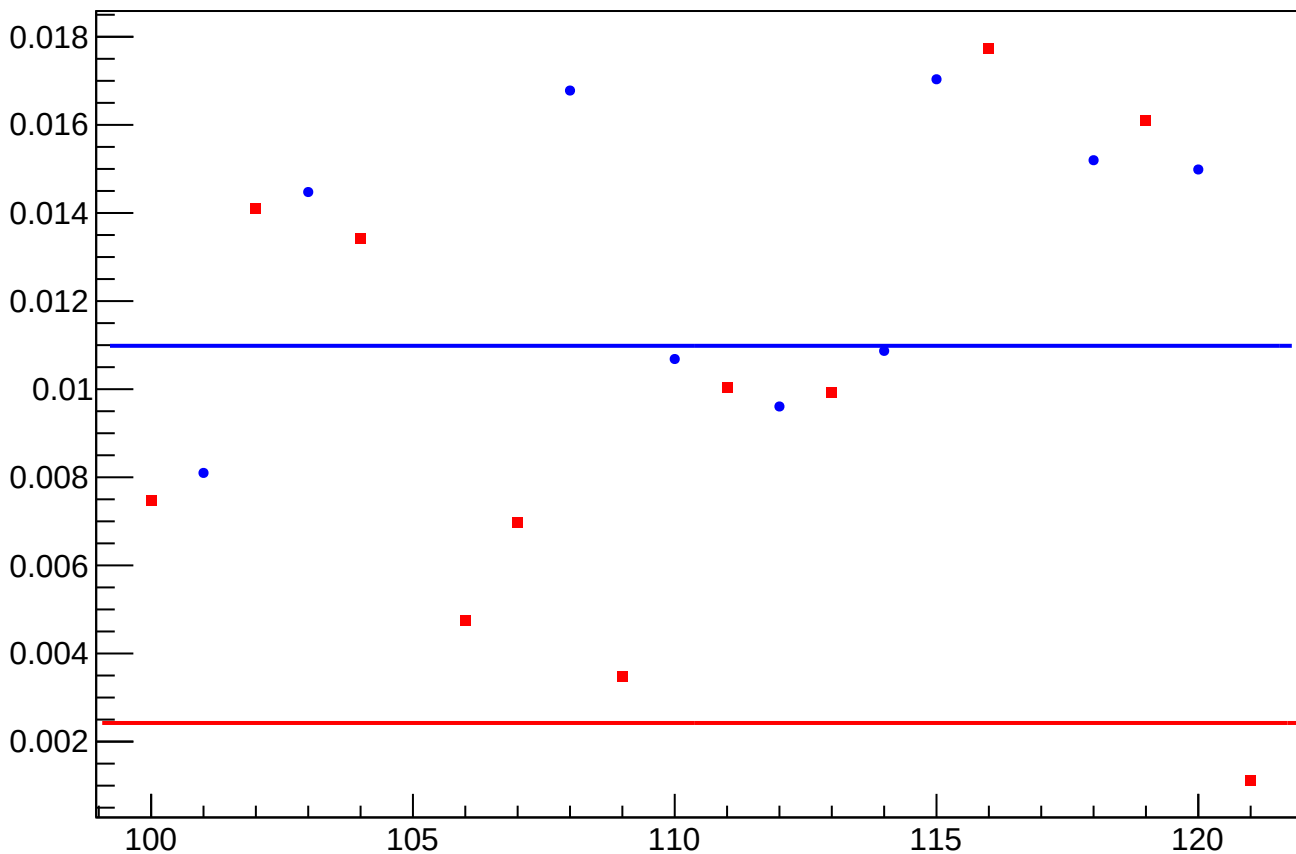
Right: 0.000+/-0.000 χ^2/NDF : 20.9/19

In: -0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/19

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 518709.2/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 5057873.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

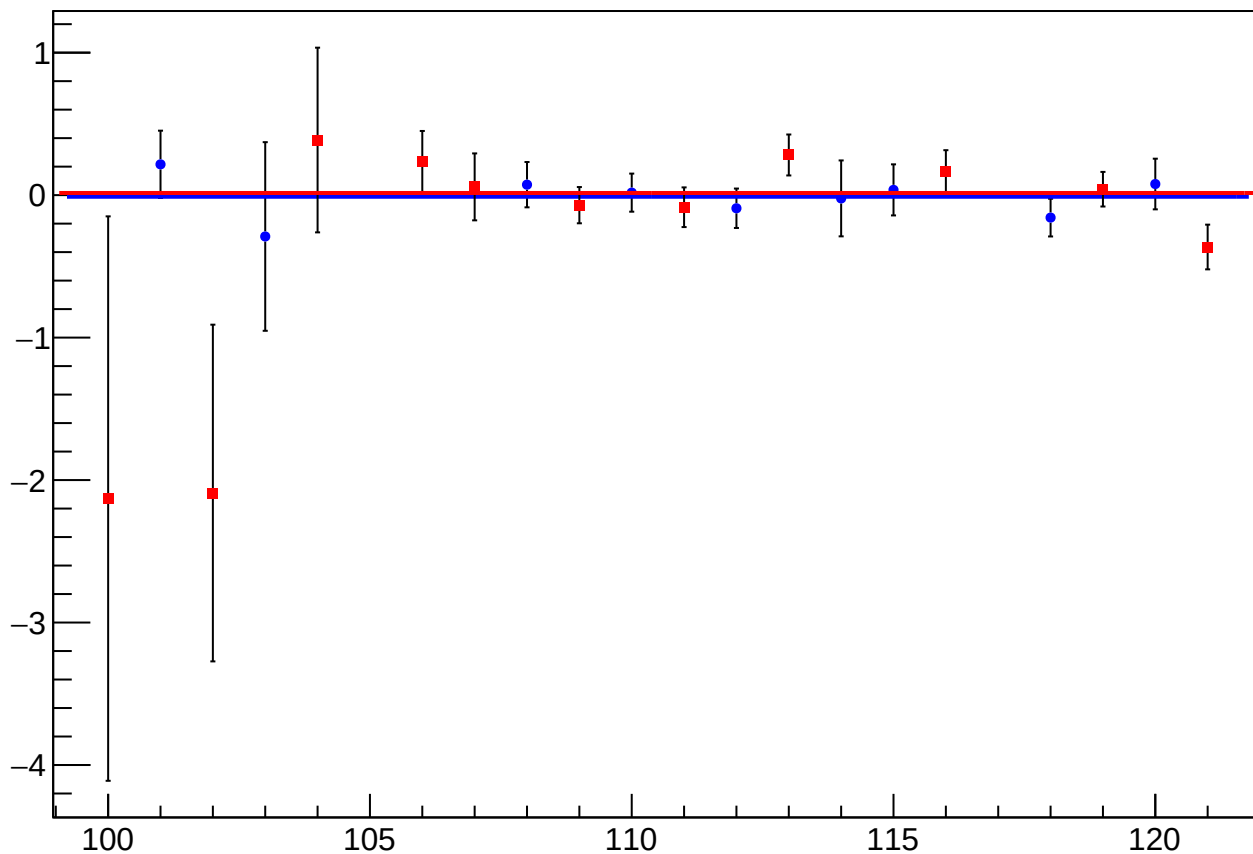
Right: 0.003+/-0.000 χ^2/NDF : 9331679.1/19

In: 0.011+/-0.000 χ^2/NDF :518709.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9331679.1/19

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.058 χ^2 /NDF: 3.3/8

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

Right Out: 0.015 $\pm$ 0.053 χ^2 /NDF: 17.1/10

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

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

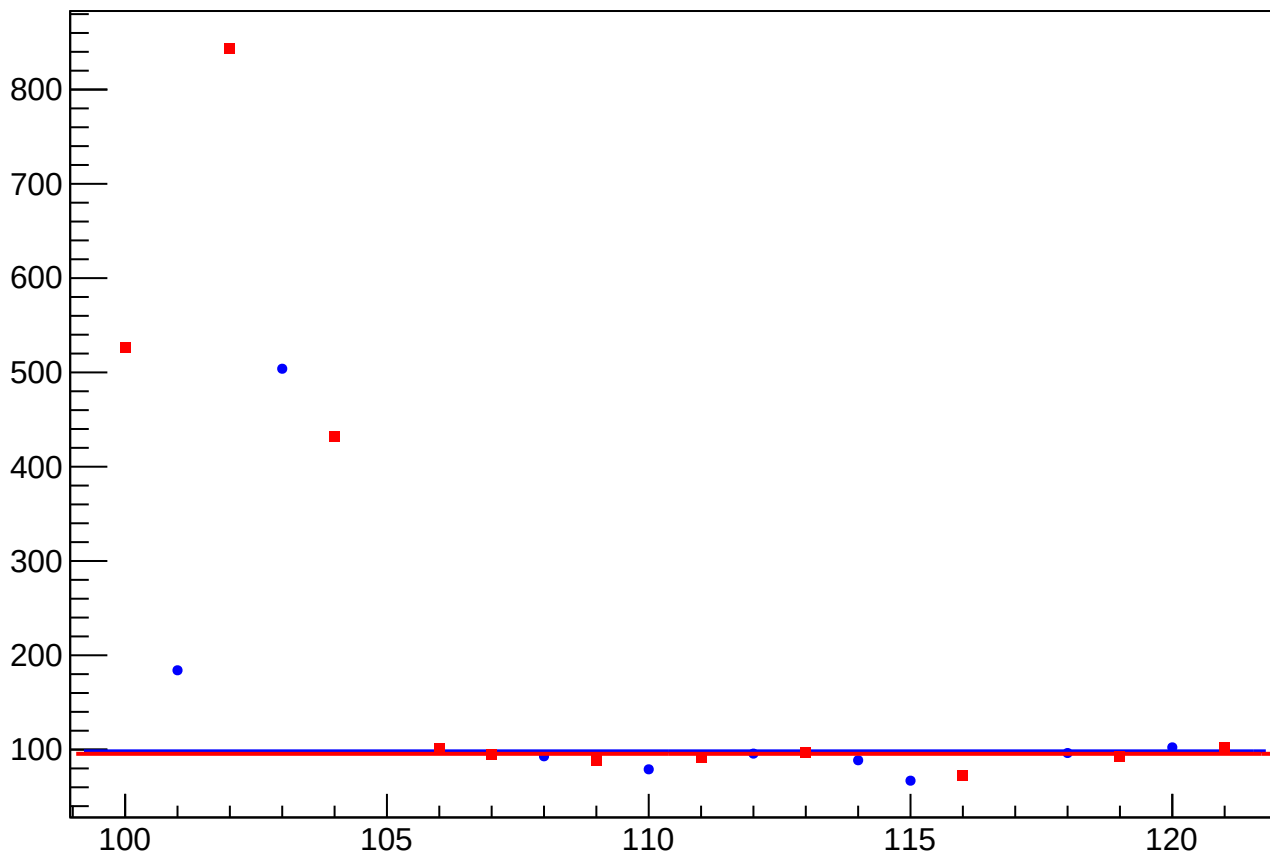
Right: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

In: -0.011 $\pm$ 0.058 χ^2 /NDF:3.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.110 $\pm$ 0.041 χ^2 /NDF: 1123921.1/8

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

Right Out: 95.507 $\pm$ 0.037 χ^2 /NDF: 1497047.8/10

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

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

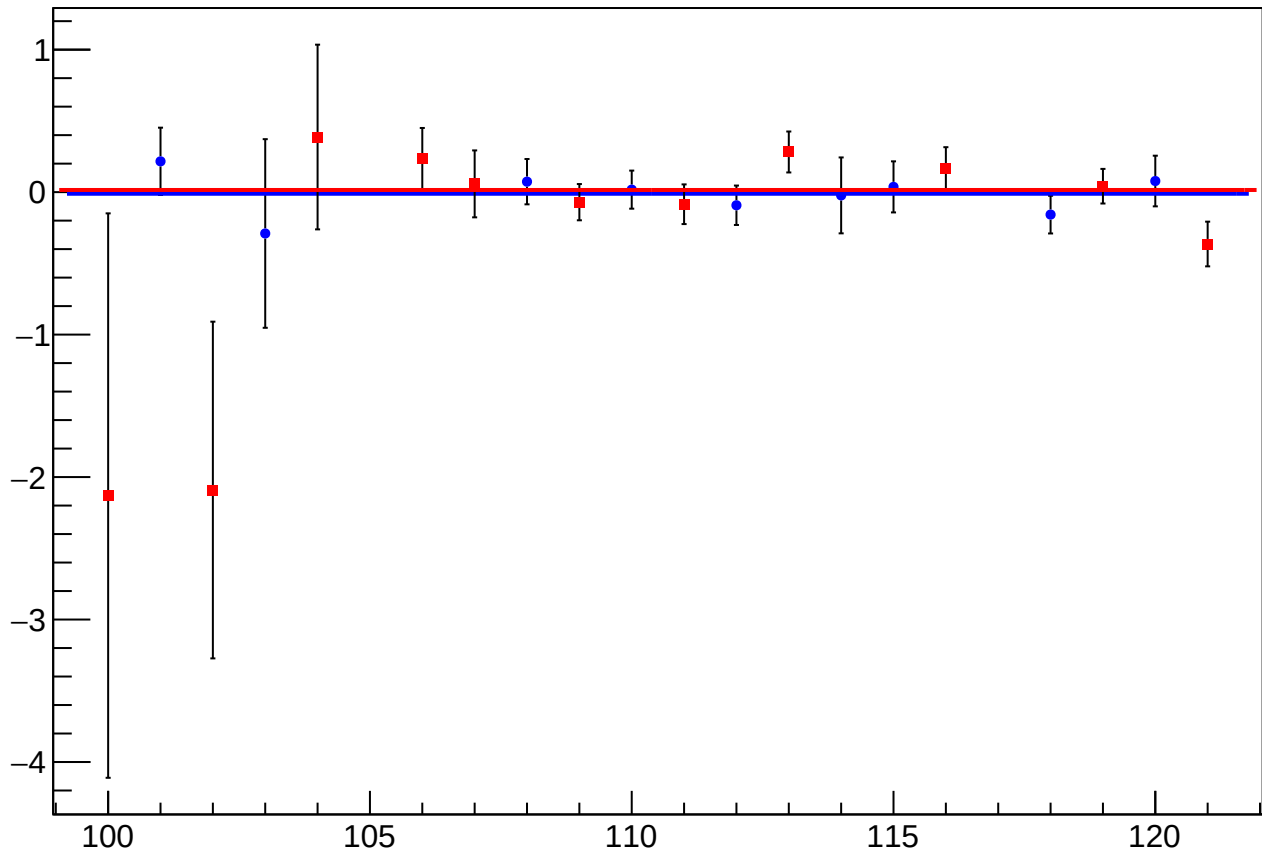
Right: 96.697 $\pm$ 0.028 χ^2 /NDF: 2623188.2/19

In: 98.110 $\pm$ 0.041 χ^2 /NDF:1123921.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.697 $\pm$ 0.028 χ^2 /NDF: 2623188.2/19

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.058 χ^2 /NDF: 3.3/8

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

Right Out: 0.015 $\pm$ 0.053 χ^2 /NDF: 17.1/10

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

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

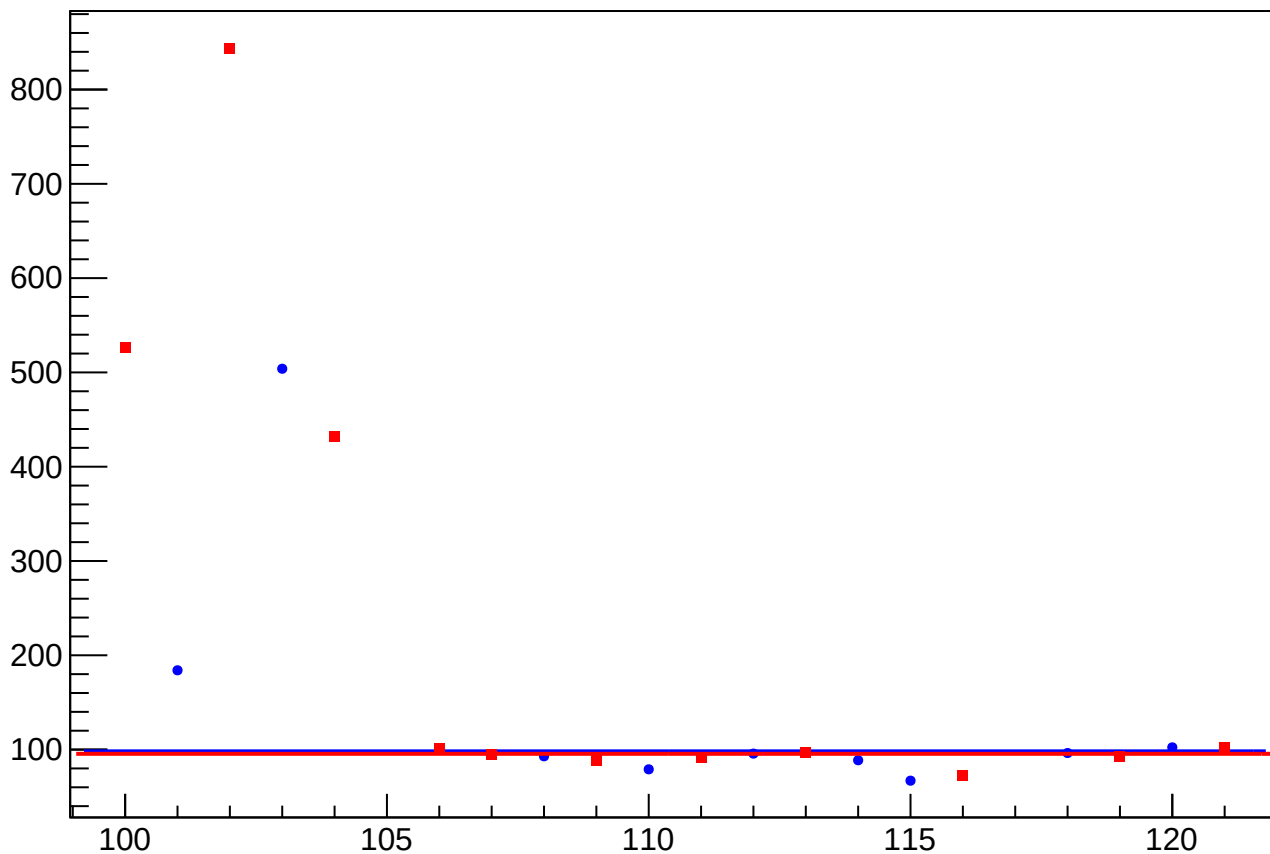
Right: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

In: -0.011 $\pm$ 0.058 χ^2 /NDF:3.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.039 χ^2 /NDF: 20.5/19

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.110+/-0.041 χ^2/NDF : 1123921.1/8

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

Right Out: 95.507+/-0.037 χ^2/NDF : 1497047.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

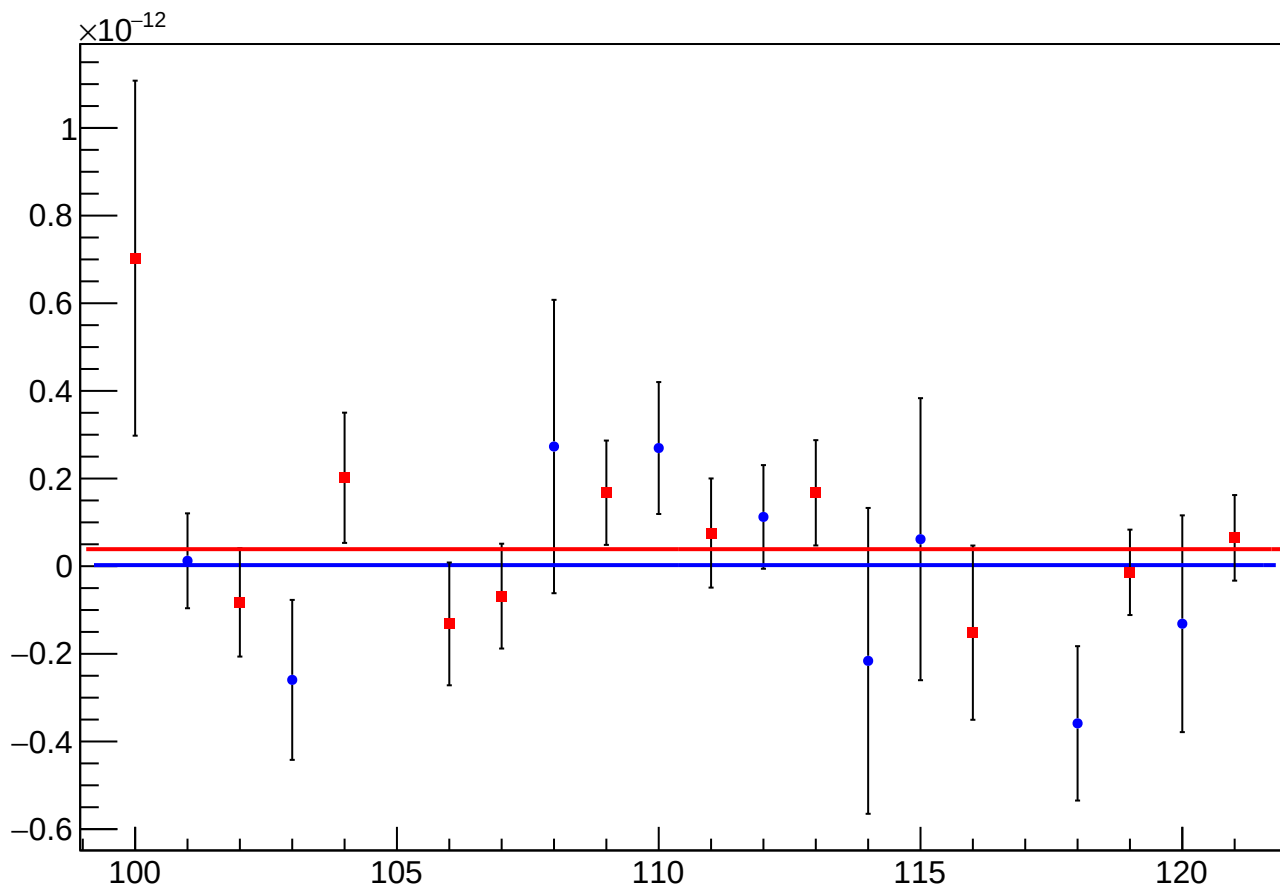
Right: 96.697+/-0.028 χ^2/NDF : 2623188.2/19

In: 98.110+/-0.041 χ^2/NDF : 1123921.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.697+/-0.028 χ^2/NDF : 2623188.2/19

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

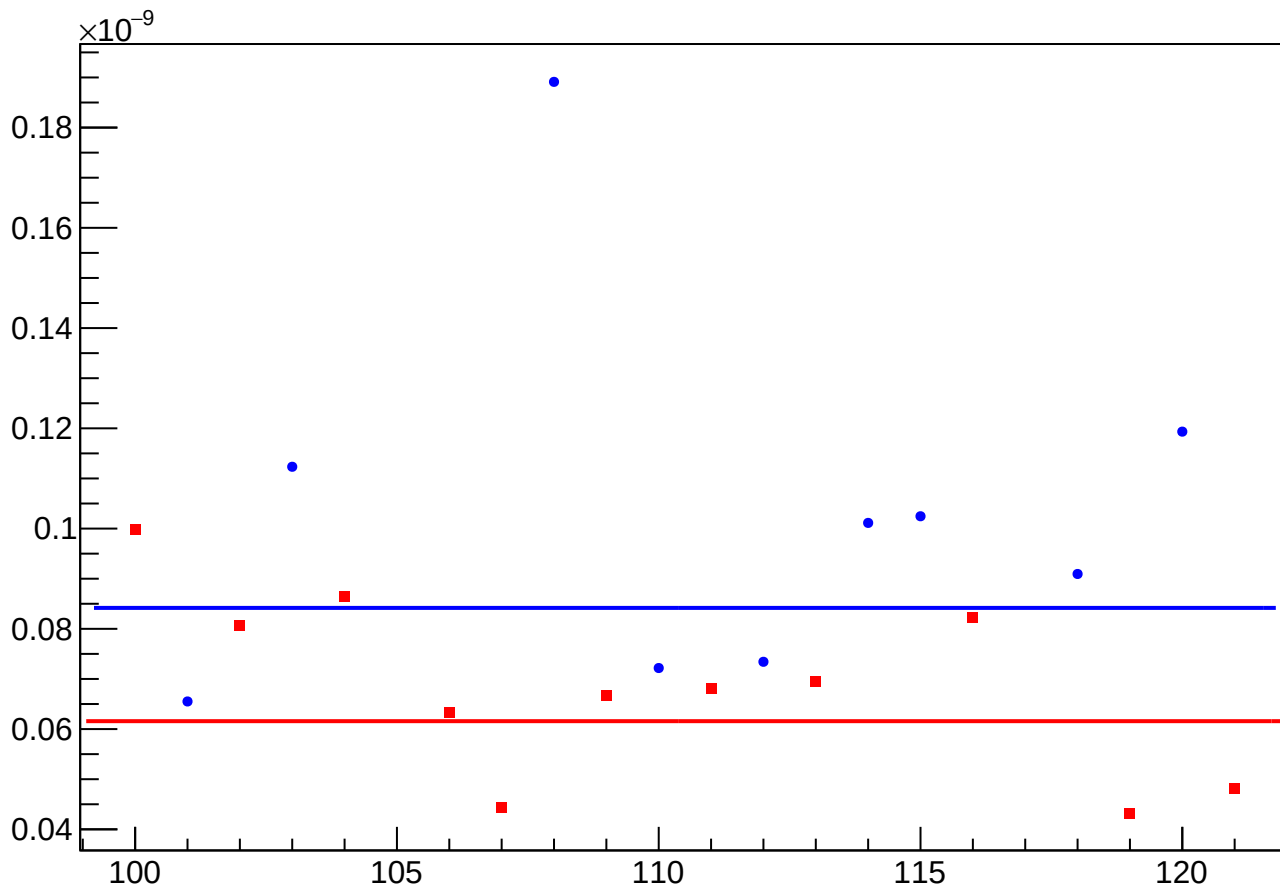
Right: 0.000+/-0.000 χ^2/NDF : 22.8/19

In: 0.000+/-0.000 χ^2/NDF : 11.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/19

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 387480.2/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 311865.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

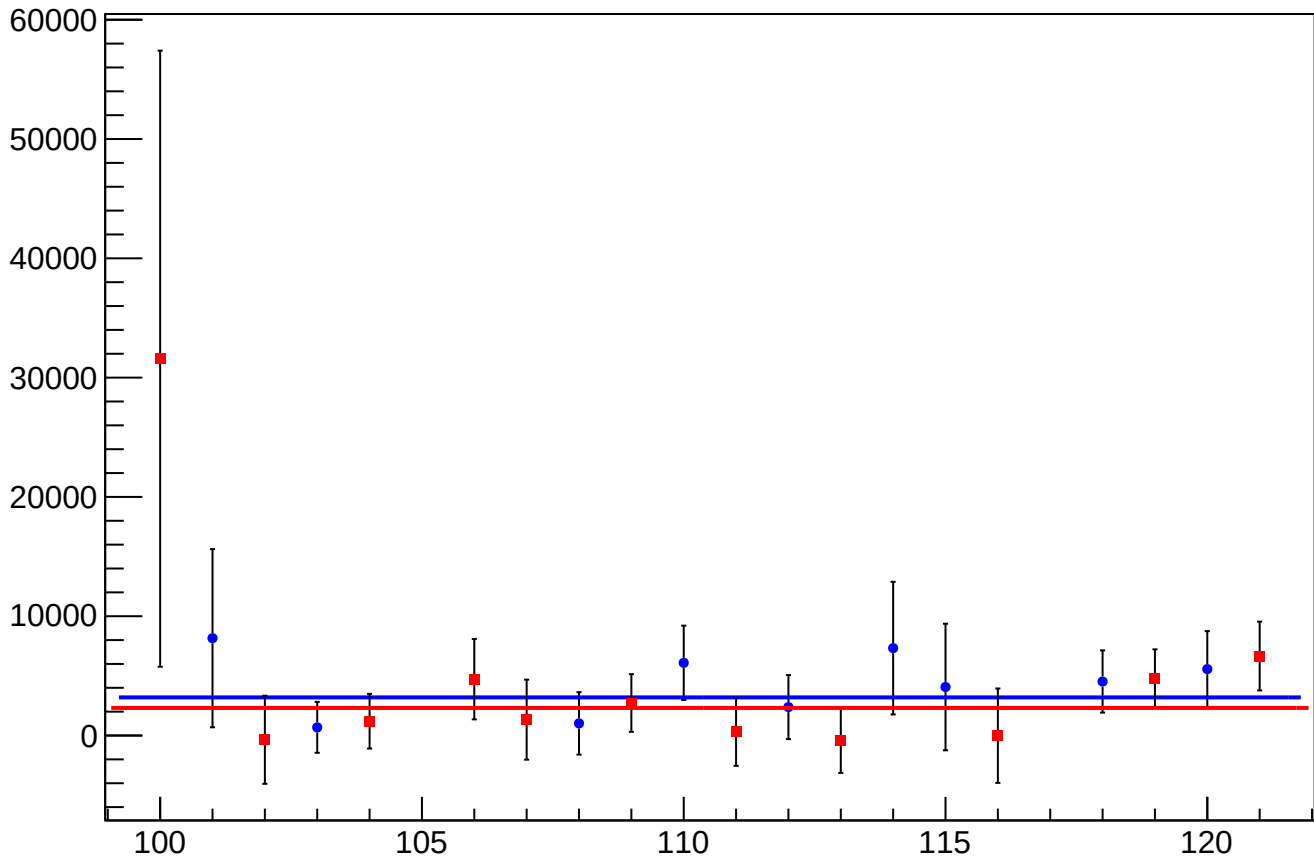
Right: 0.000+/-0.000 χ^2/NDF : 914829.7/19

In: 0.000+/-0.000 χ^2/NDF : 387480.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 914829.7/19

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3195.184+/-1032.204 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2312.904+/-905.580 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

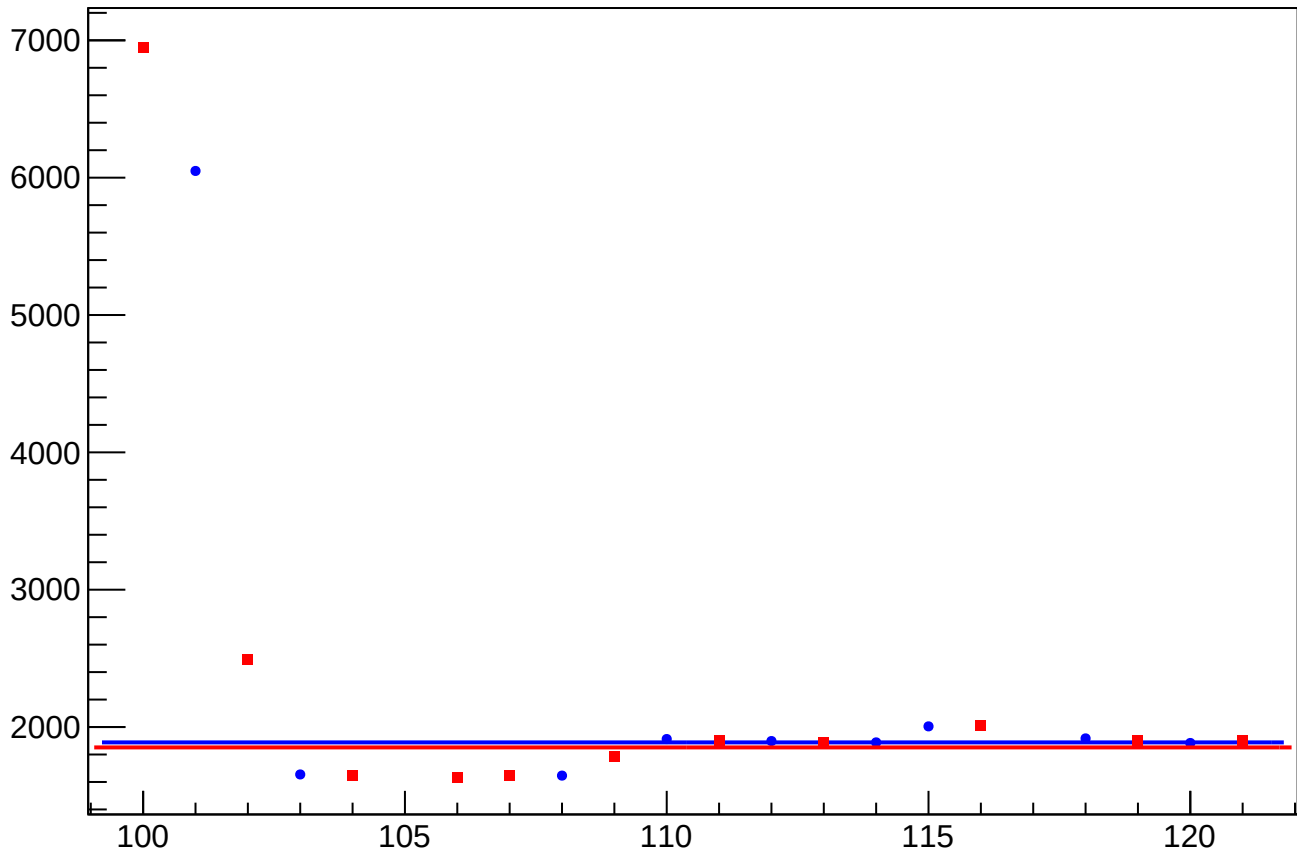
Right: 2696.637+/-680.733 χ^2/NDF : 13.0/19

In: 3195.184+/-1032.204 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2696.637+/-680.733 χ^2/NDF : 13.0/19

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.176+/-0.730 χ^2/NDF : 663034.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1851.606+/-0.637 χ^2/NDF : 177606.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

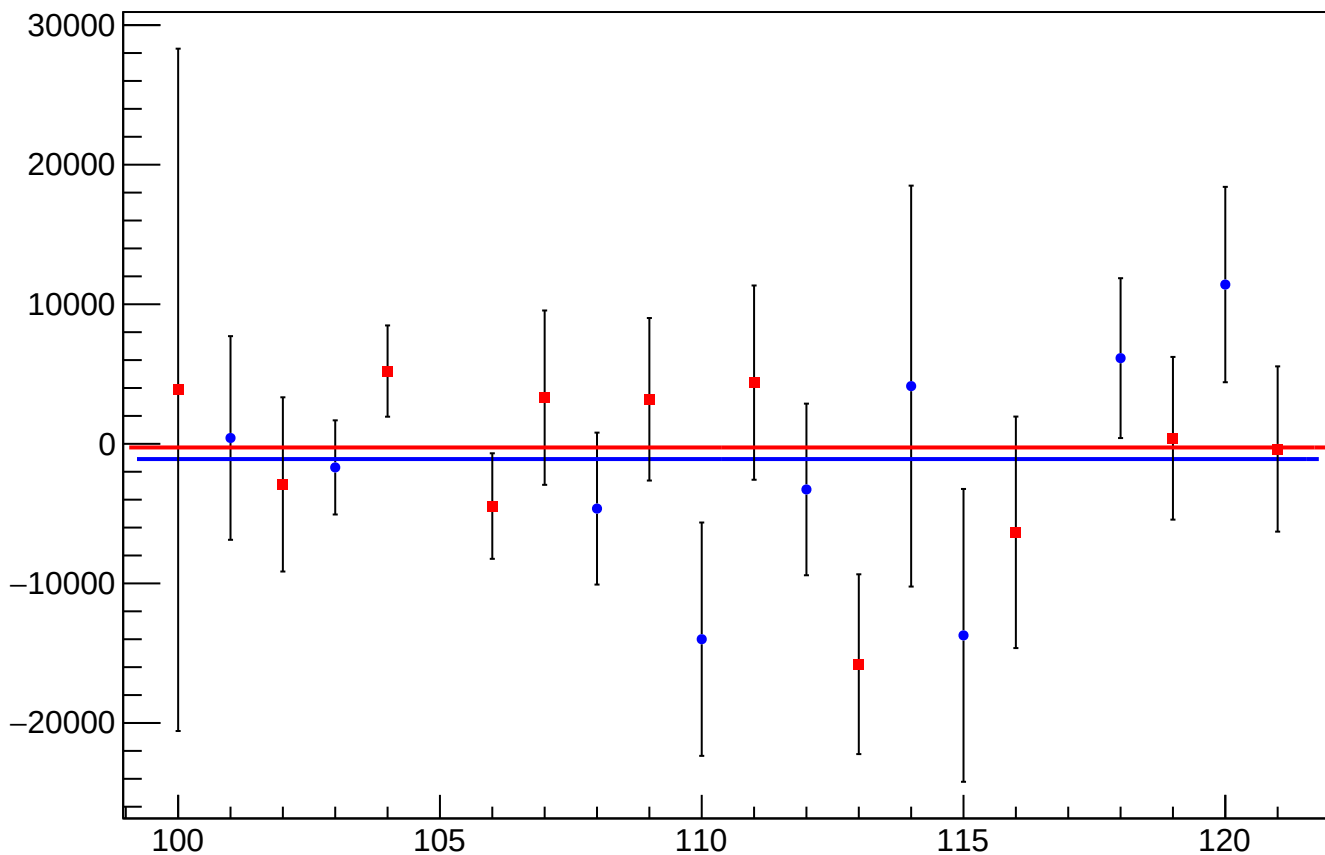
Right: 1867.411+/-0.480 χ^2/NDF : 842066.2/19

In: 1888.176+/-0.730 χ^2/NDF : 663034.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.411+/-0.480 χ^2/NDF : 842066.2/19

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1091.066+/-2016.016 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -259.762+/-1659.286 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

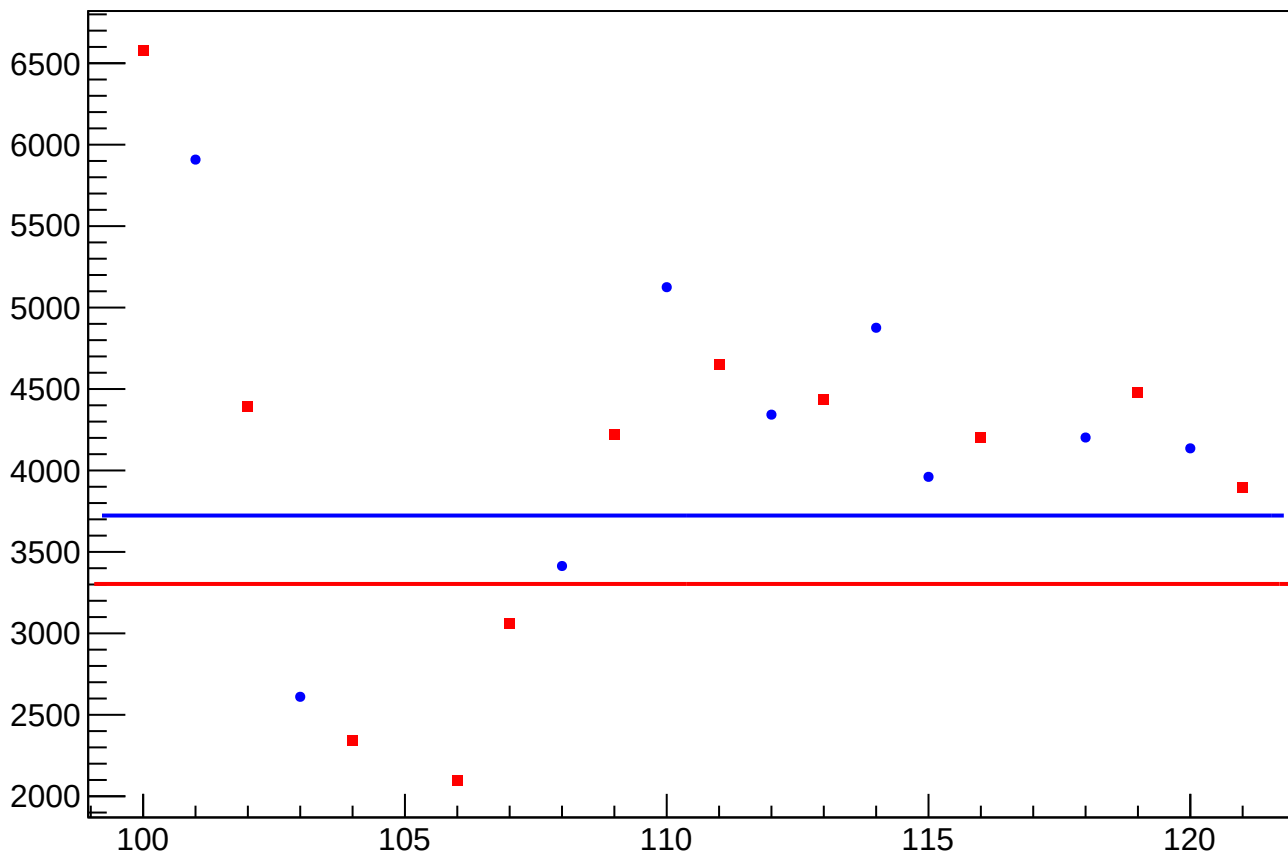
Right: -595.479+/-1281.153 χ^2/NDF : 21.2/19

In: -1091.066+/-2016.016 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -595.479+/-1281.153 χ^2/NDF : 21.2/19

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3723.337+/-1.426 χ^2/NDF : 514940.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3303.332+/-1.173 χ^2/NDF : 788172.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

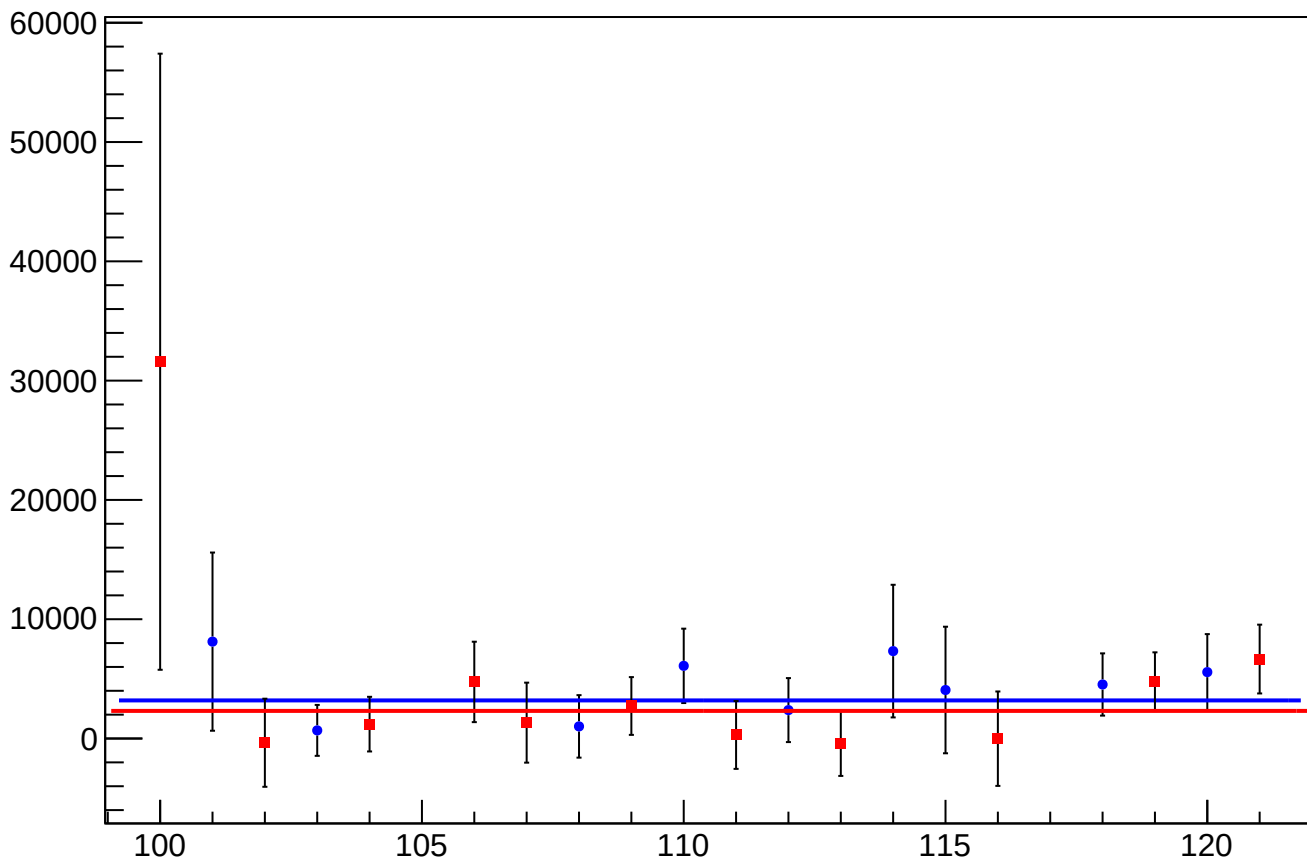
Right: 3472.949+/-0.906 χ^2/NDF : 1354862.5/19

In: 3723.337+/-1.426 χ^2/NDF : 514940.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3472.949+/-0.906 χ^2/NDF : 1354862.5/19

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3193.910+/-1032.205 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2314.859+/-905.589 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

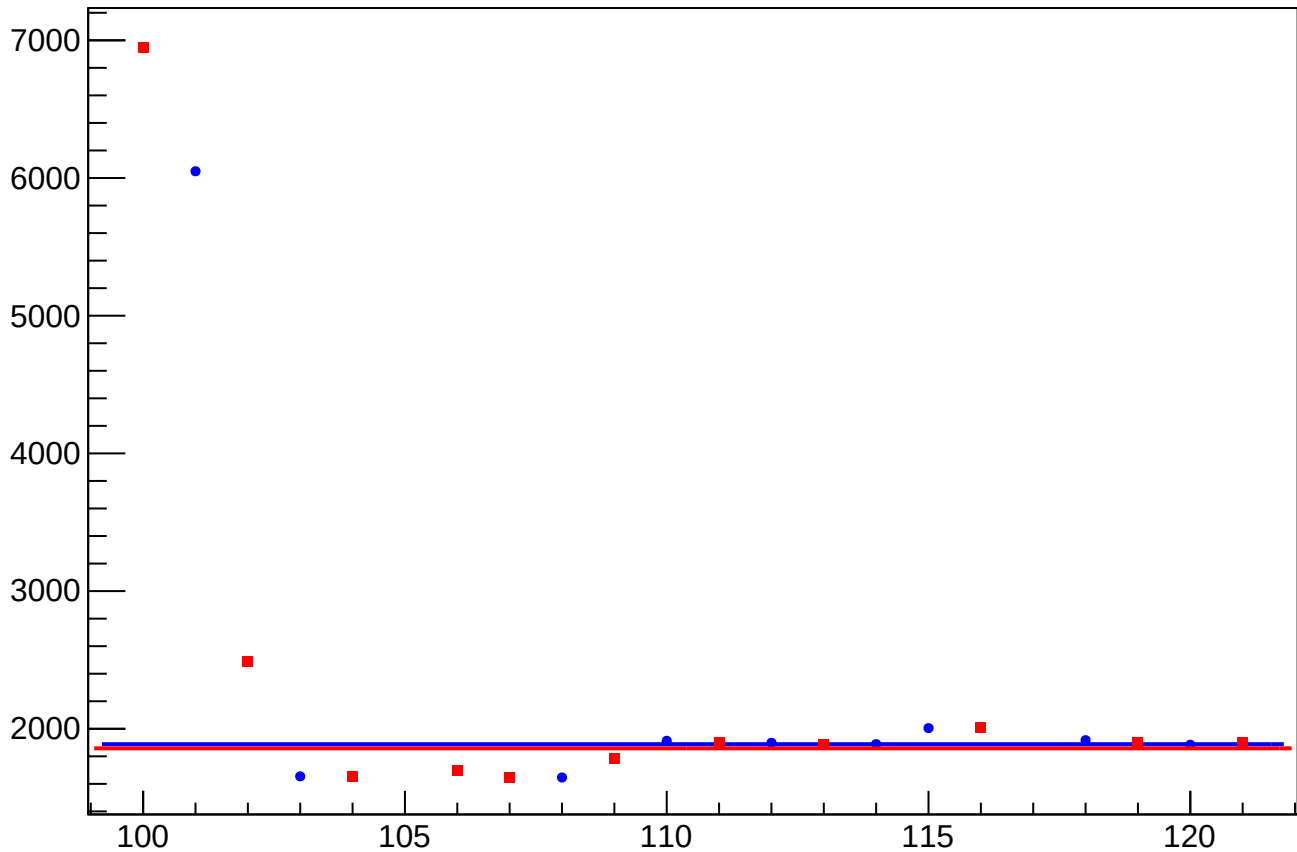
Right: 2697.191+/-680.737 χ^2/NDF : 13.0/19

In: 3193.910+/-1032.205 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2697.191+/-680.737 χ^2/NDF : 13.0/19

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.820+/-0.639 χ^2/NDF : 172317.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

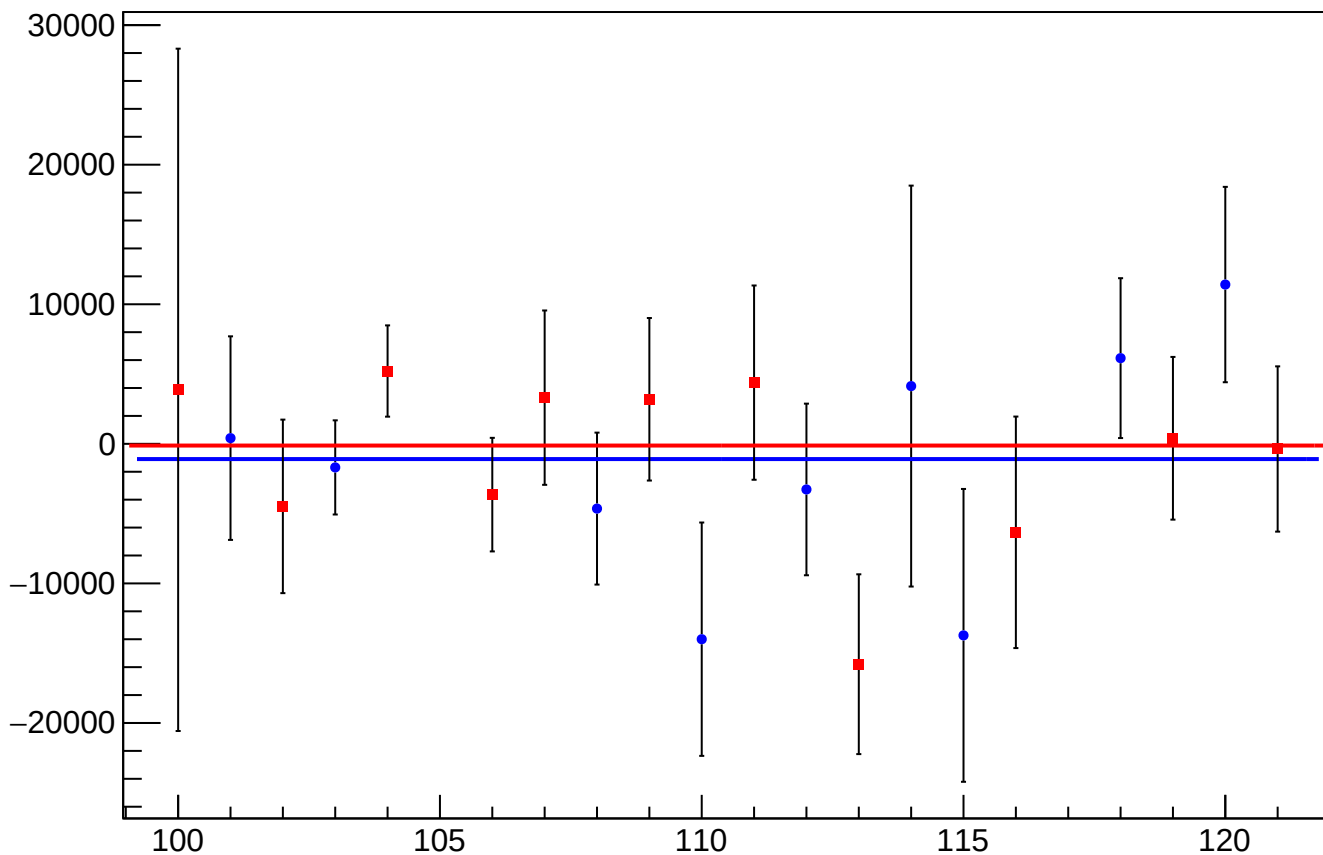
Right: 1870.985+/-0.481 χ^2/NDF : 836330.4/19

In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.985+/-0.481 χ^2/NDF : 836330.4/19

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.878+/-1681.025 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

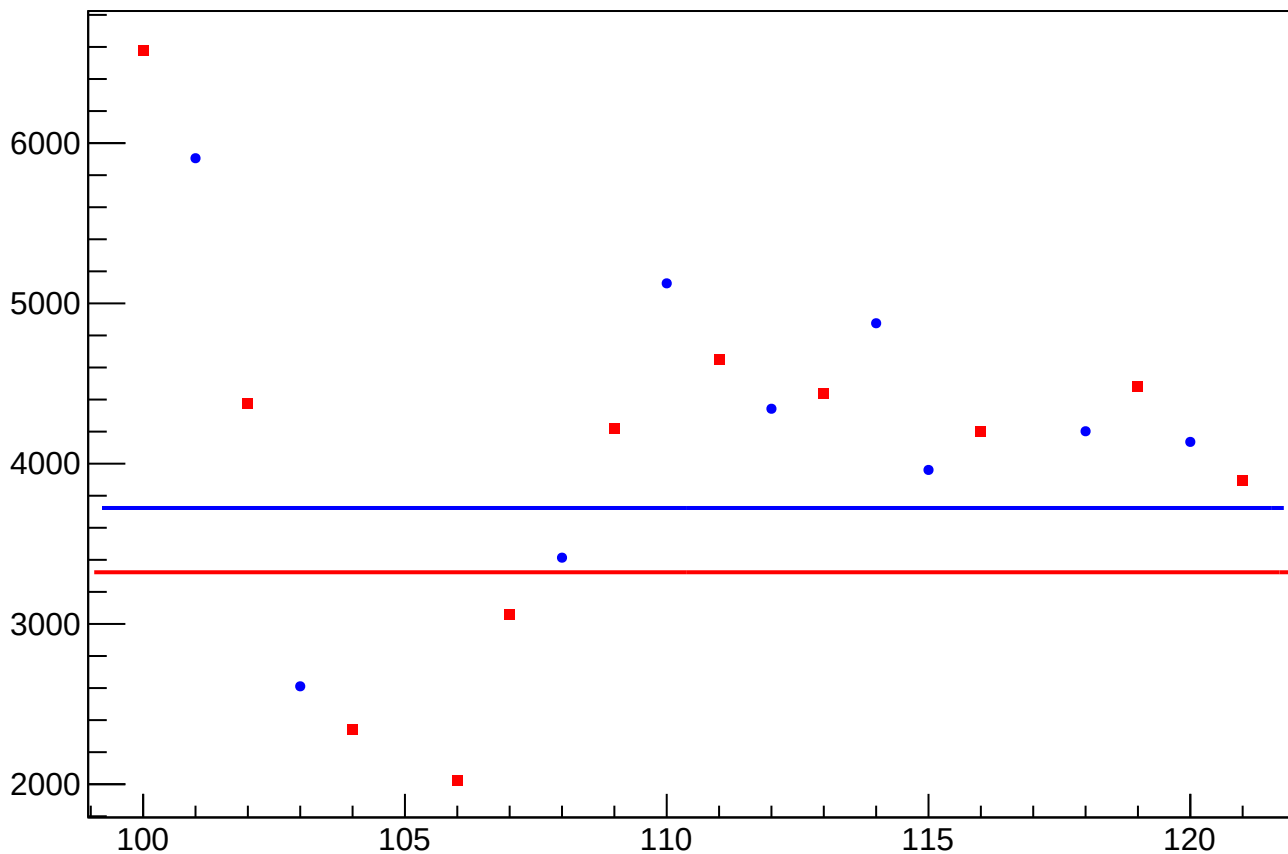
Right: -520.199+/-1291.083 χ^2/NDF : 21.0/19

In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.199+/-1291.083 χ^2/NDF : 21.0/19

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3322.466+/-1.189 χ^2/NDF : 780227.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

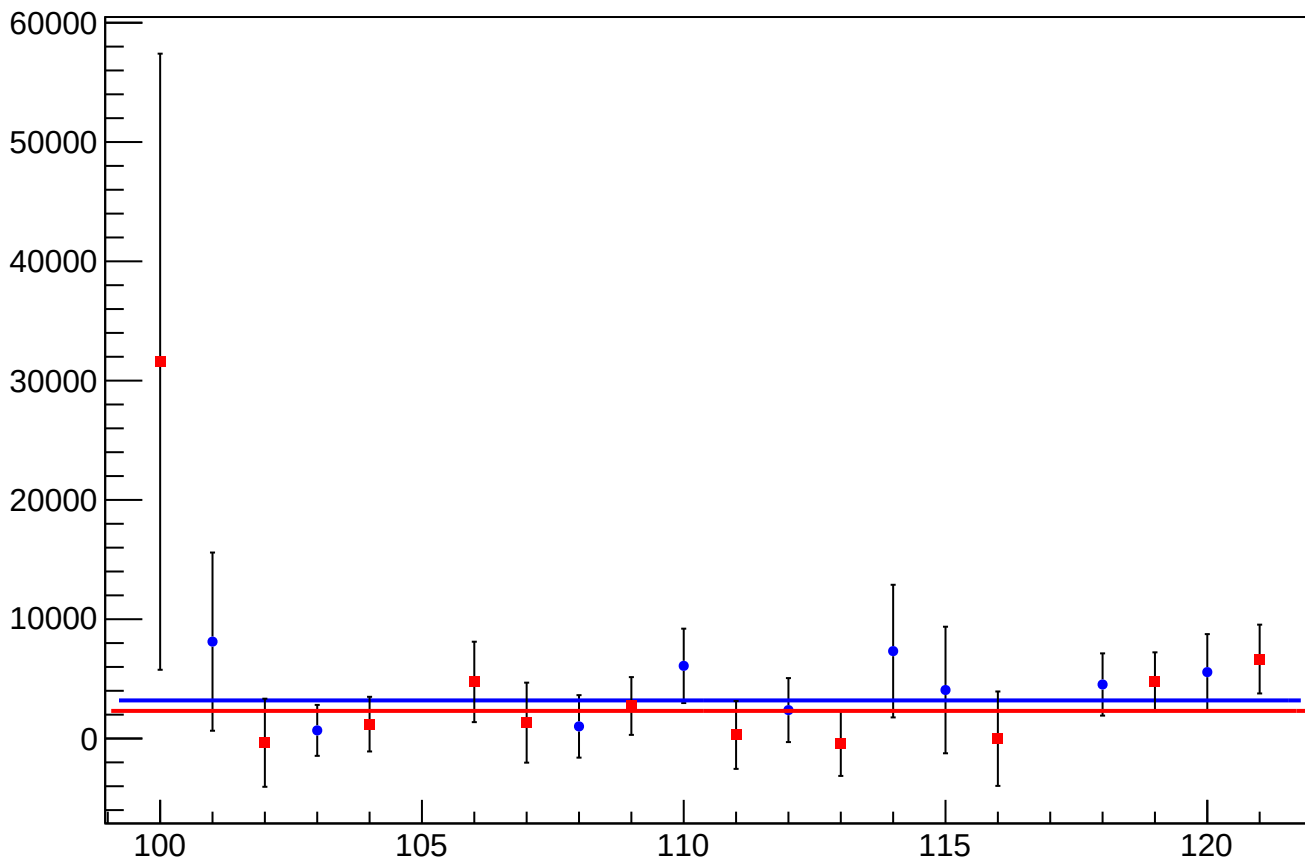
Right: 3486.936+/-0.913 χ^2/NDF : 1341403.8/19

In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3486.936+/-0.913 χ^2/NDF : 1341403.8/19

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3193.910+/-1032.205 χ^2 /NDF: 4.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2314.859+/-905.589 χ^2 /NDF: 7.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

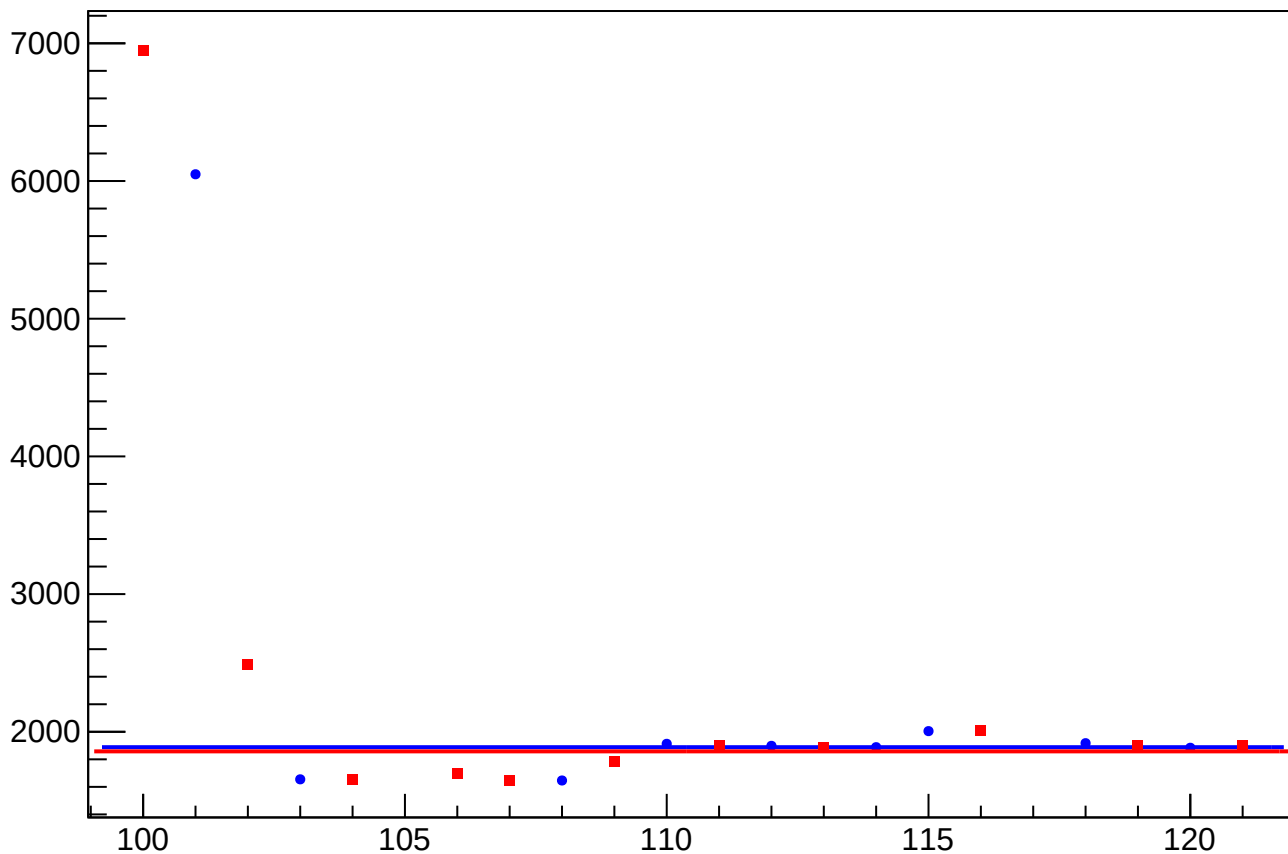
Right: 2697.191+/-680.737 χ^2 /NDF: 13.0/19

In: 3193.910+/-1032.205 χ^2 /NDF:4.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2697.191+/-680.737 χ^2 /NDF: 13.0/19

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.820+/-0.639 χ^2/NDF : 172317.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

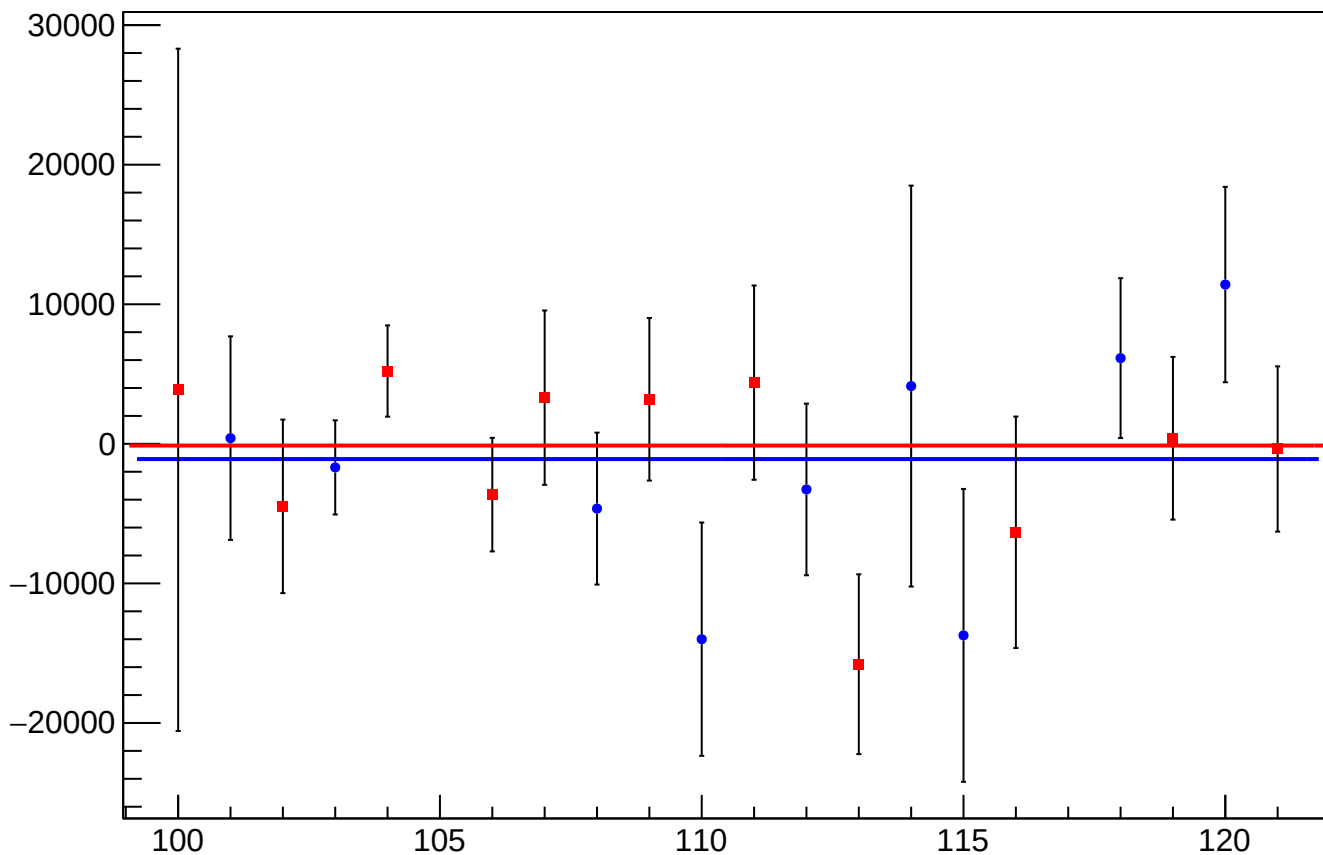
Right: 1870.985+/-0.481 χ^2/NDF : 836330.4/19

In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.985+/-0.481 χ^2/NDF : 836330.4/19

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.878+/-1681.025 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

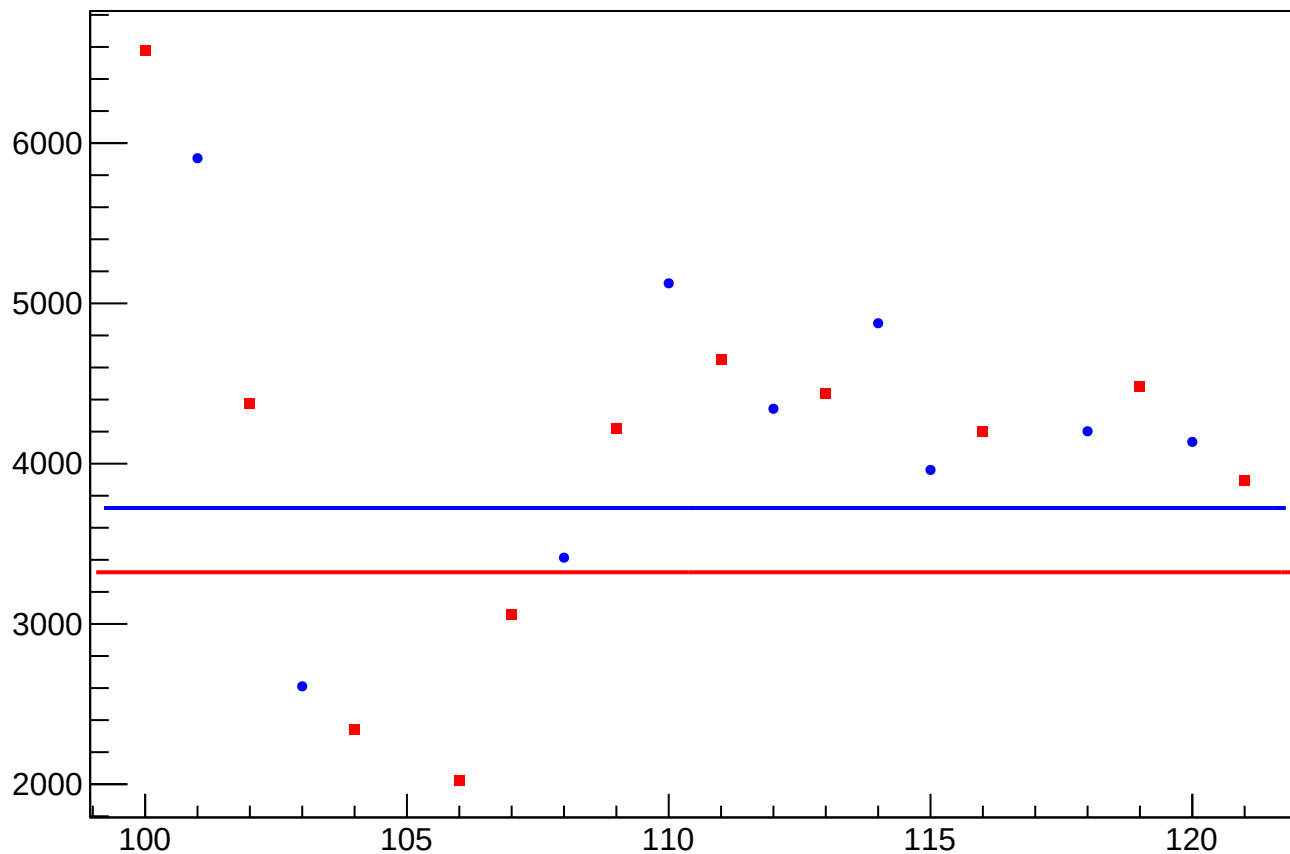
Right: -520.199+/-1291.083 χ^2/NDF : 21.0/19

In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.199+/-1291.083 χ^2/NDF : 21.0/19

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3322.466+/-1.189 χ^2/NDF : 780227.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

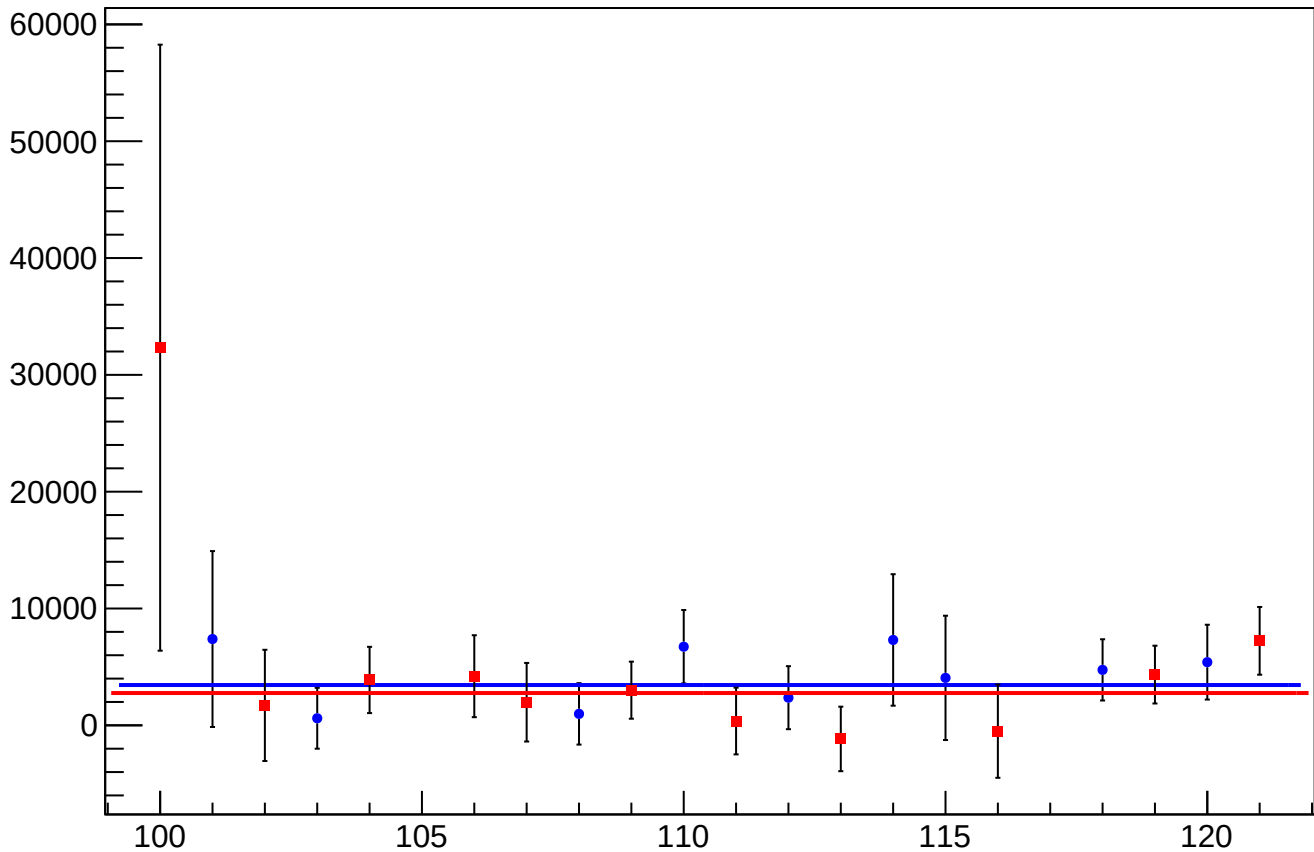
Right: 3486.936+/-0.913 χ^2/NDF : 1341403.8/19

In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3486.936+/-0.913 χ^2/NDF : 1341403.8/19

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3450.044+/-1079.363 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2765.289+/-950.889 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

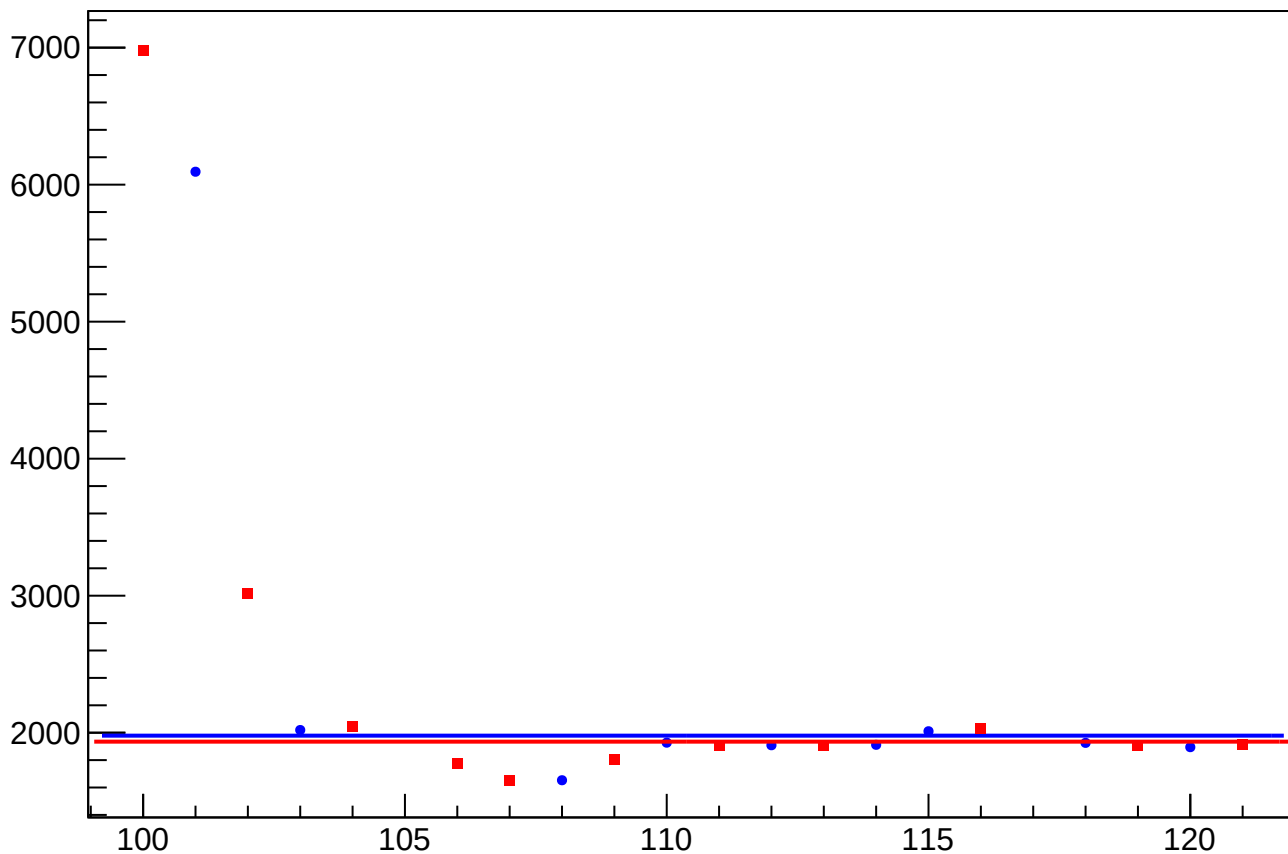
Right: 3064.508+/-713.501 χ^2/NDF : 12.8/19

In: 3450.044+/-1079.363 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3064.508+/-713.501 χ^2/NDF : 12.8/19

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1978.522+/-0.763 χ^2/NDF : 633467.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.716+/-0.671 χ^2/NDF : 208613.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

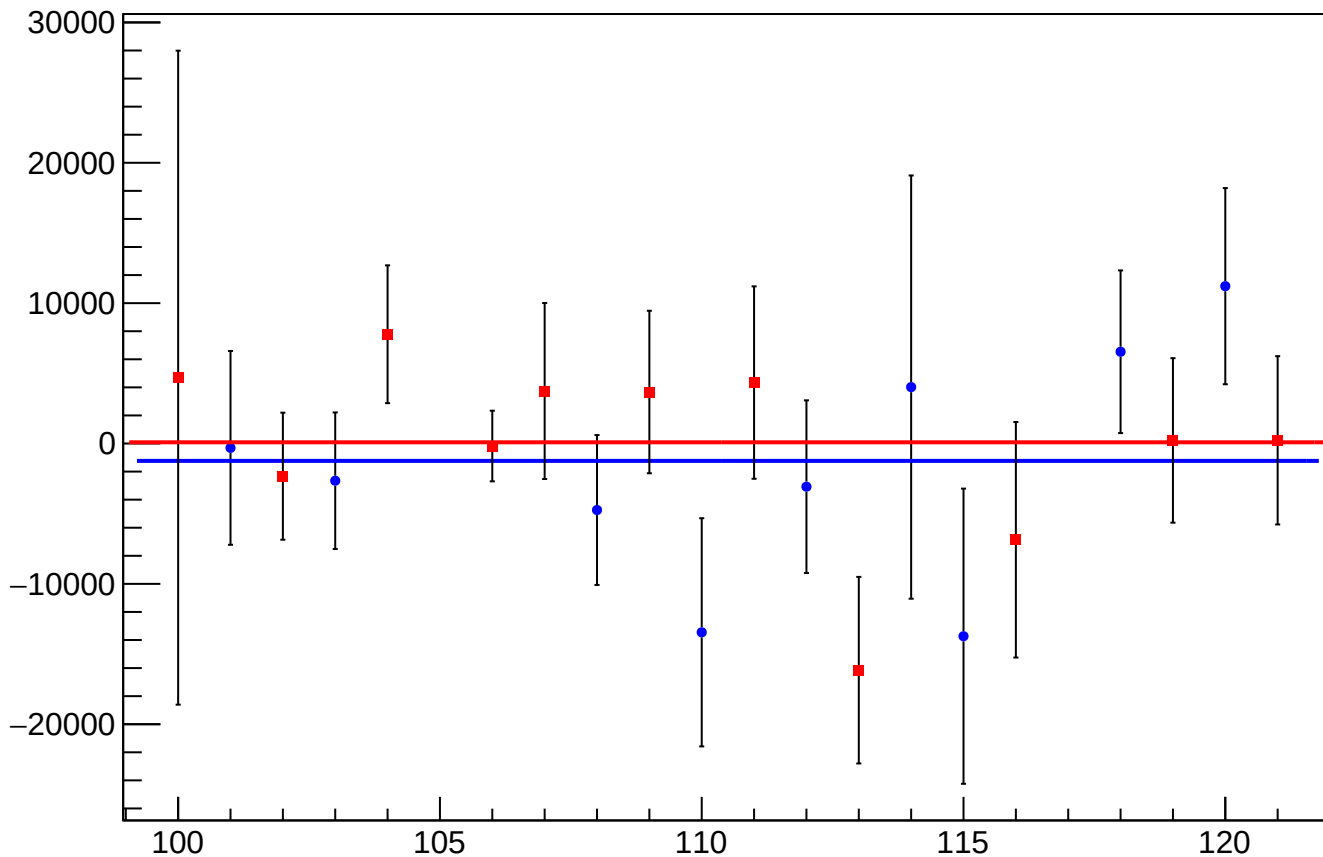
Right: 1953.826+/-0.504 χ^2/NDF : 843938.3/19

In: 1978.522+/-0.763 χ^2/NDF : 633467.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.826+/-0.504 χ^2/NDF : 843938.3/19

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1237.755+/-2216.596 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.452+/-1542.213 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

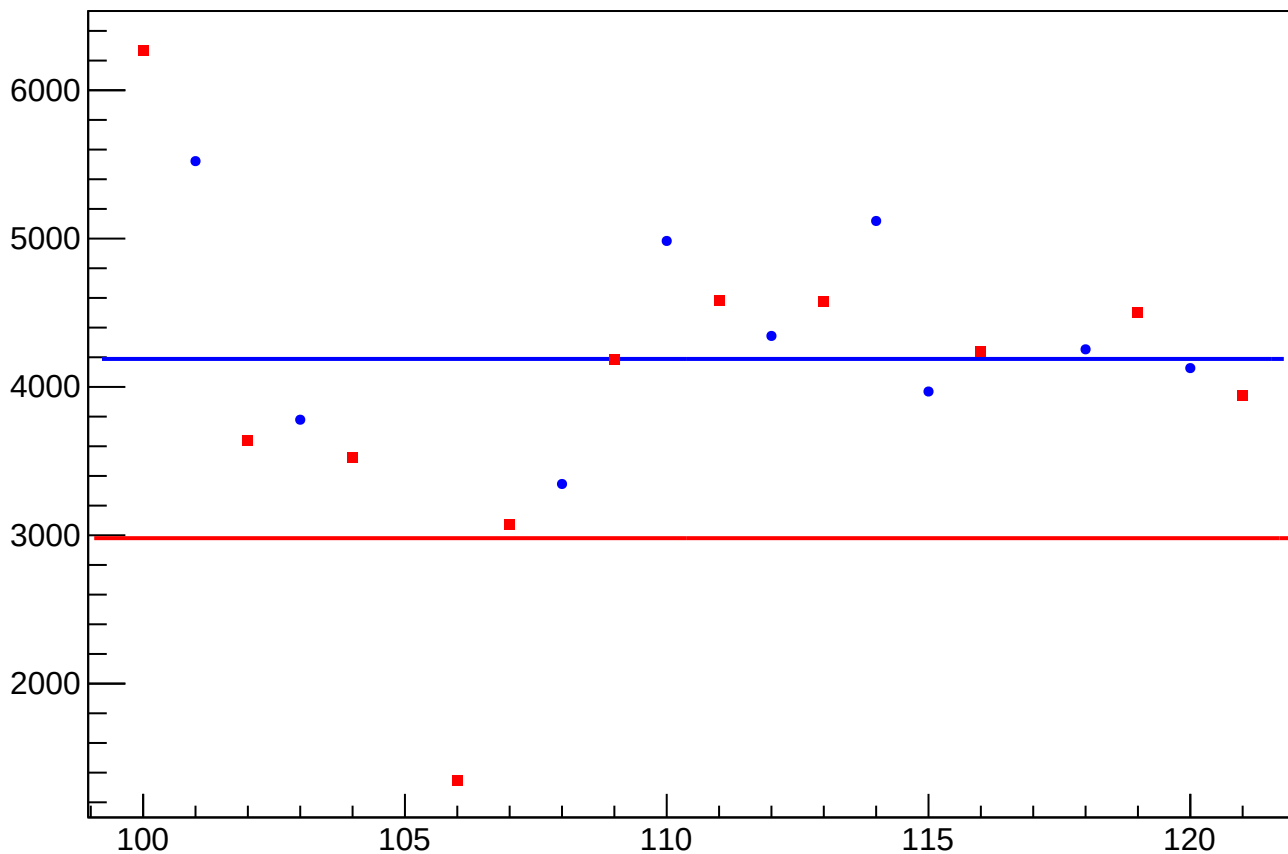
Right: -345.479+/-1265.948 χ^2/NDF : 20.2/19

In: -1237.755+/-2216.596 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.479+/-1265.948 χ^2/NDF : 20.2/19

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4188.755+/-1.567 χ^2/NDF : 167927.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2980.505+/-1.091 χ^2/NDF : 1492036.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

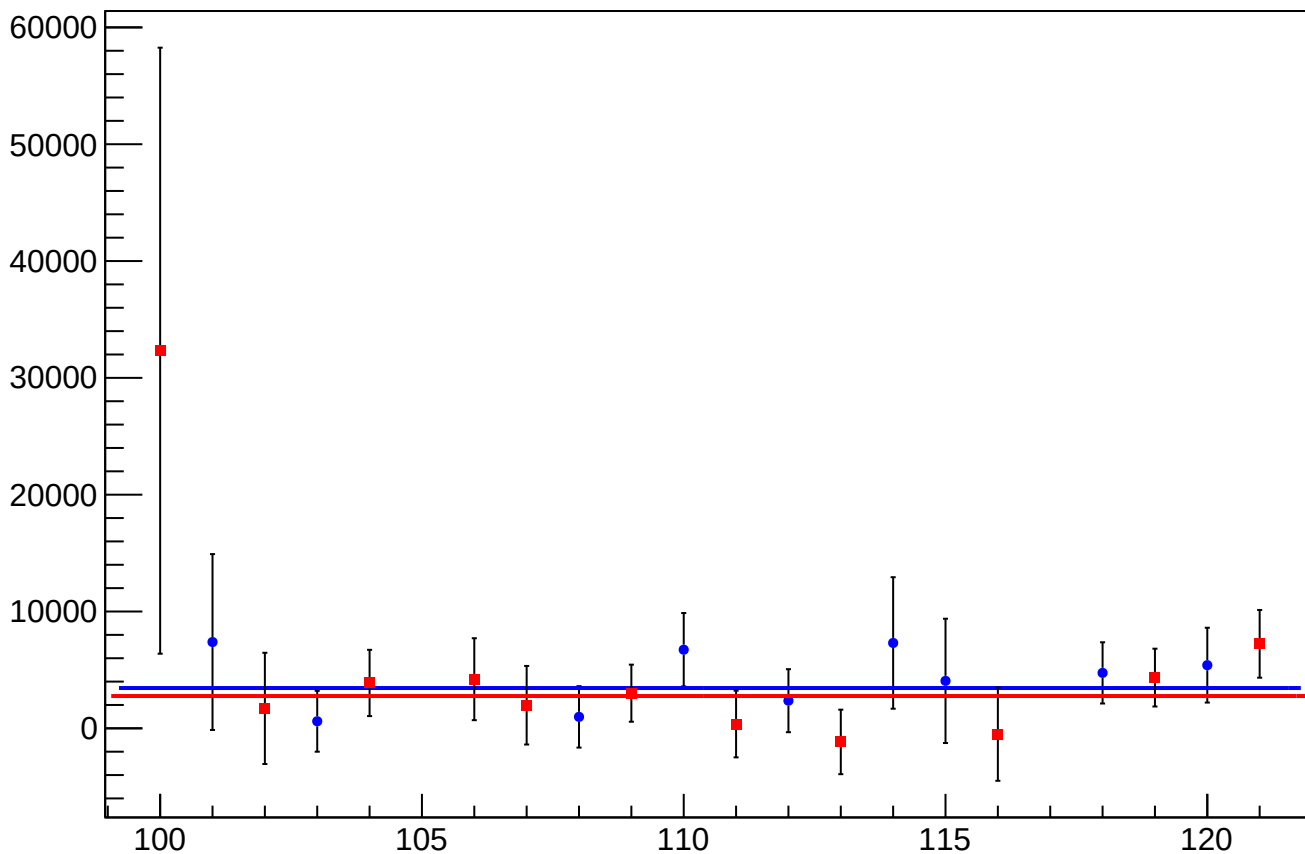
Right: 3374.613+/-0.895 χ^2/NDF : 2060382.1/19

In: 4188.755+/-1.567 χ^2/NDF : 167927.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3374.613+/-0.895 χ^2/NDF : 2060382.1/19

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3450.039+/-1079.363 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2765.294+/-950.888 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

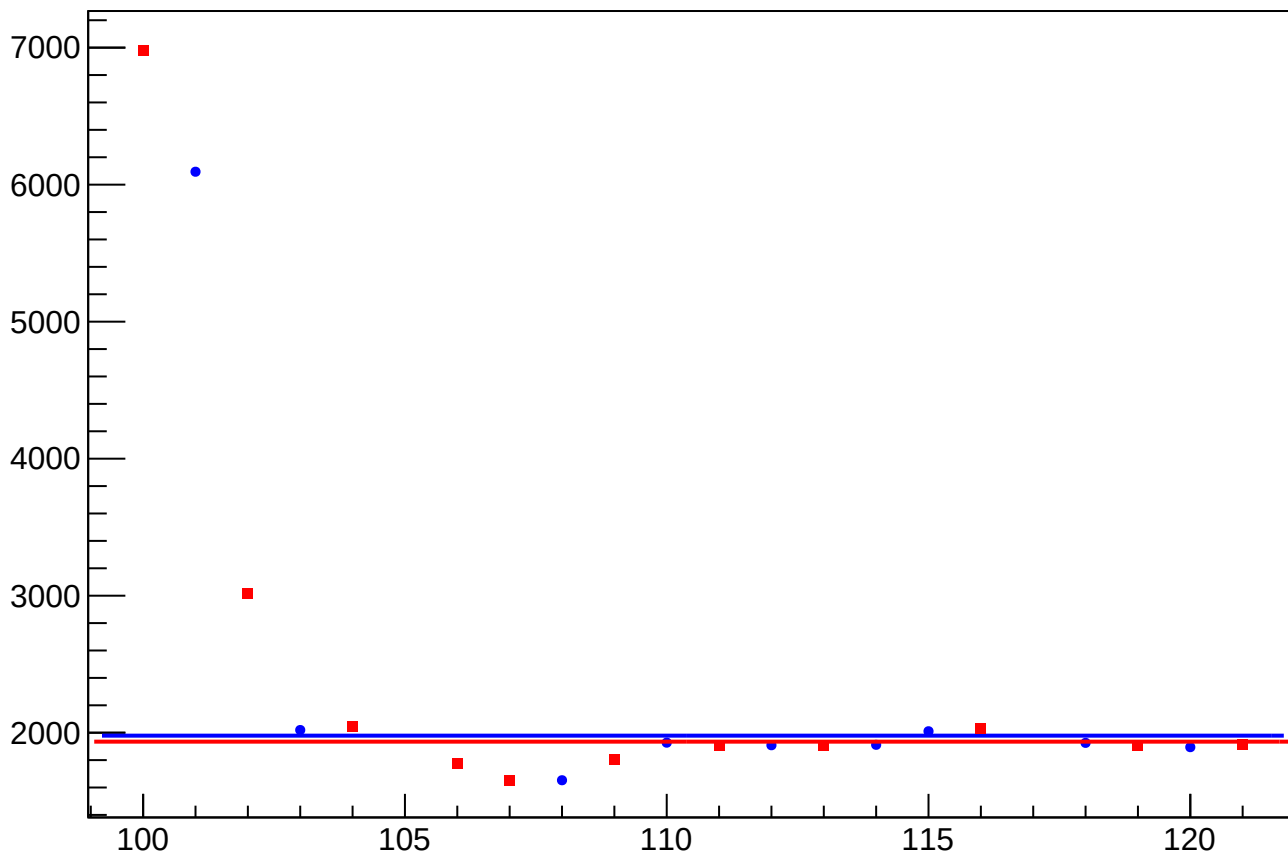
Right: 3064.509+/-713.501 χ^2/NDF : 12.8/19

In: 3450.039+/-1079.363 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3064.509+/-713.501 χ^2/NDF : 12.8/19

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1978.521+/-0.763 χ^2/NDF : 633467.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.716+/-0.671 χ^2/NDF : 208613.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

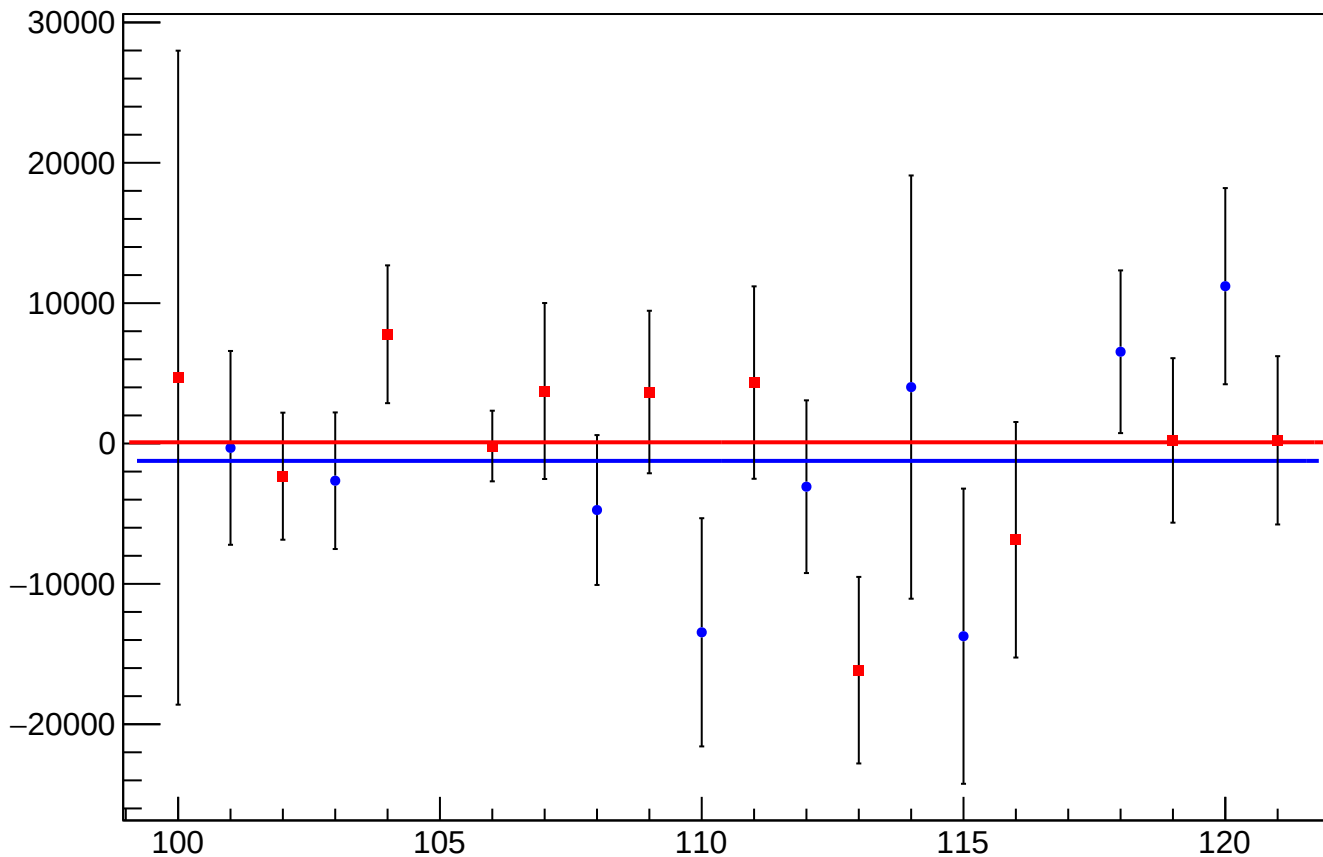
Right: 1953.826+/-0.504 χ^2/NDF : 843937.9/19

In: 1978.521+/-0.763 χ^2/NDF : 633467.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.826+/-0.504 χ^2/NDF : 843937.9/19

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1237.746+/-2216.592 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.449+/-1542.209 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

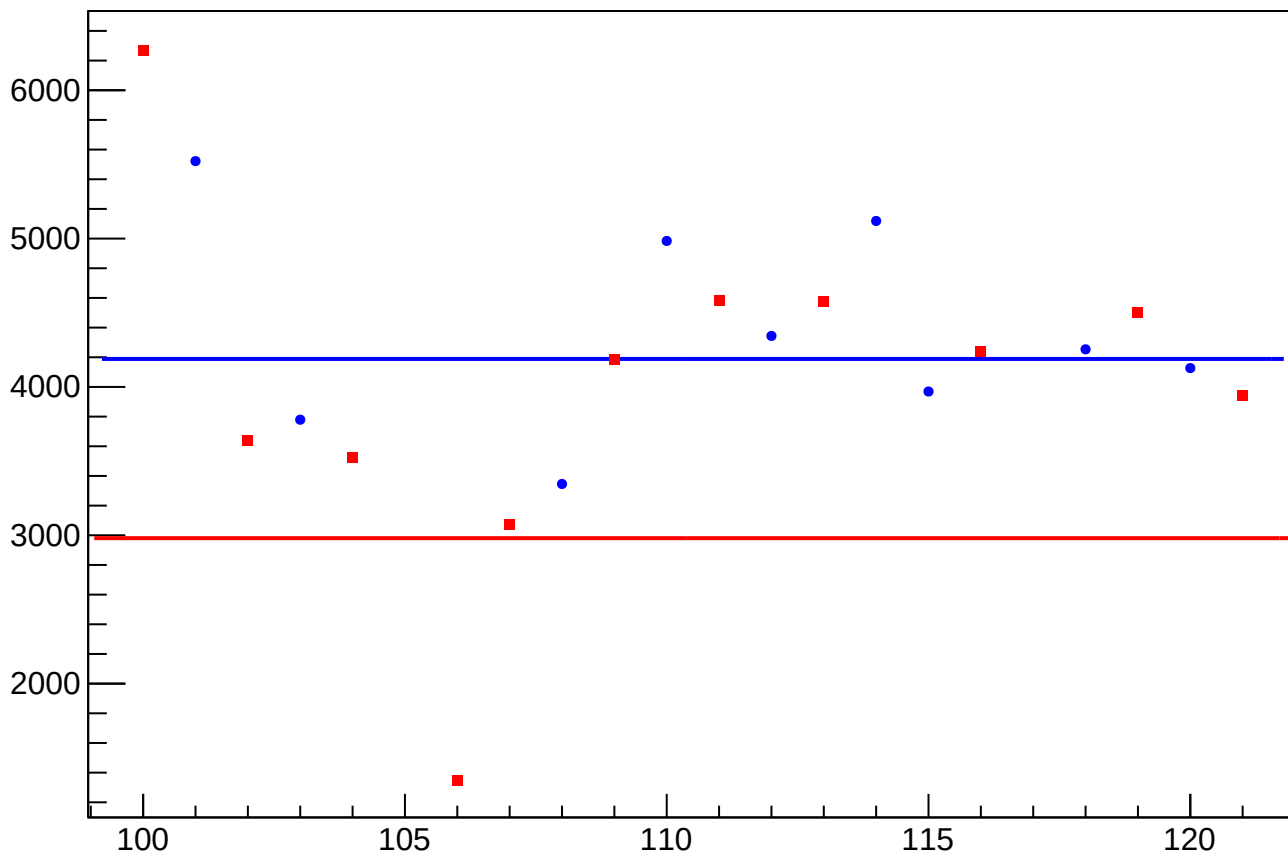
Right: -345.478+/-1265.945 χ^2/NDF : 20.2/19

In: -1237.746+/-2216.592 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.478+/-1265.945 χ^2/NDF : 20.2/19

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4188.748+/-1.567 χ^2/NDF : 167925.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2980.497+/-1.091 χ^2/NDF : 1492039.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

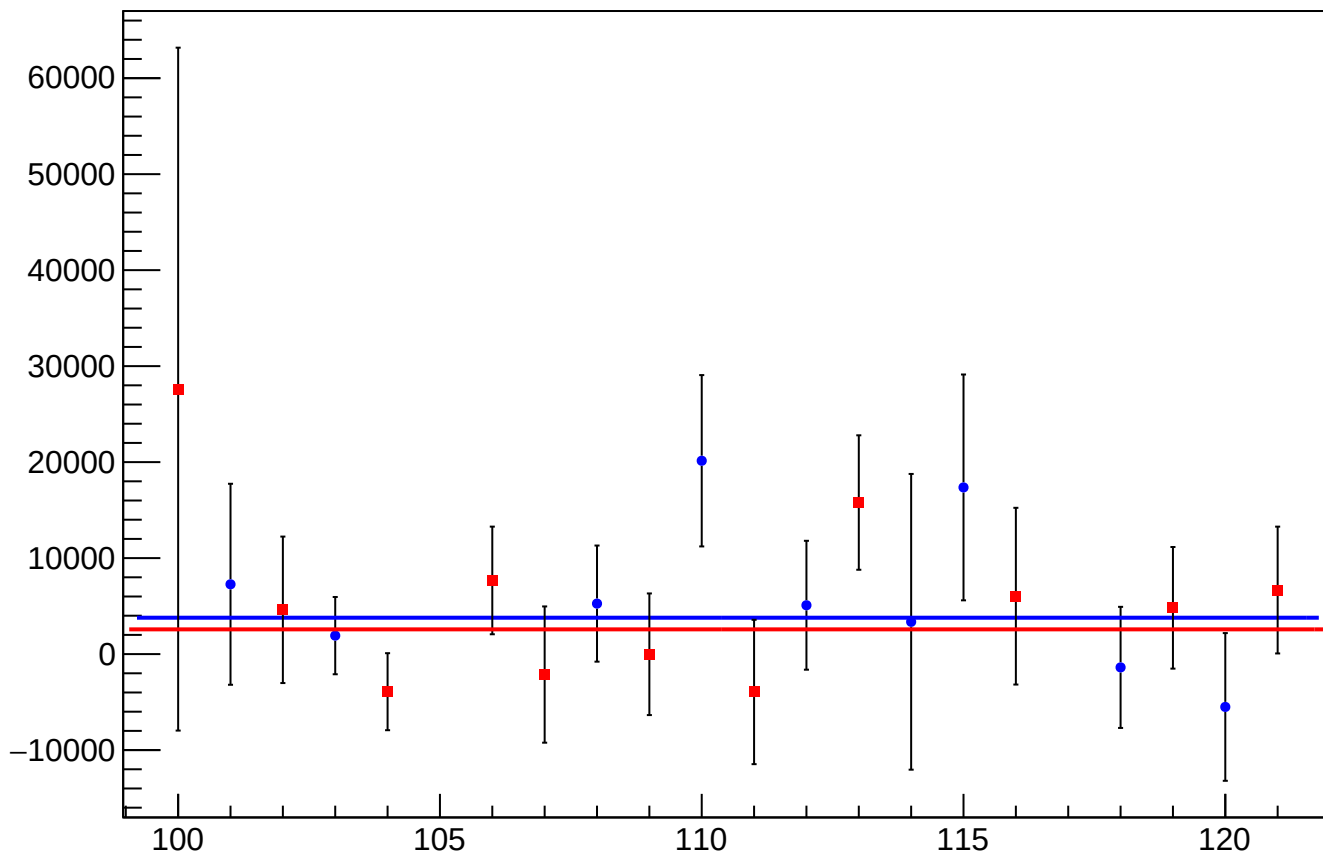
Right: 3374.605+/-0.895 χ^2/NDF : 2060385.6/19

In: 4188.748+/-1.567 χ^2/NDF : 167925.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3374.605+/-0.895 χ^2/NDF : 2060385.6/19

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3790.825+/-2316.373 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2576.665+/-1982.768 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

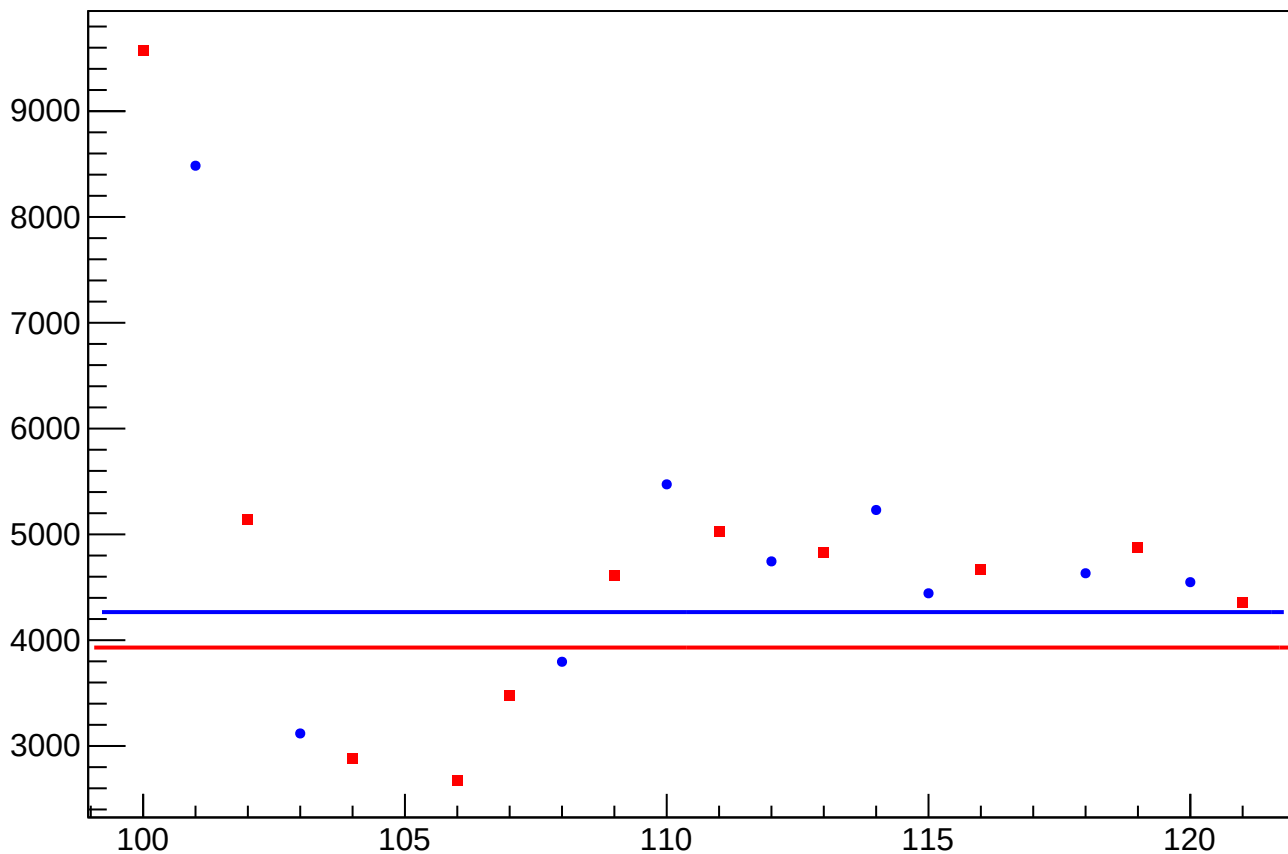
Right: 3090.092+/-1506.295 χ^2/NDF : 17.0/19

In: 3790.825+/-2316.373 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3090.092+/-1506.295 χ^2/NDF : 17.0/19

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4265.524+/-1.638 χ^2/NDF : 563771.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3930.415+/-1.385 χ^2/NDF : 528773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

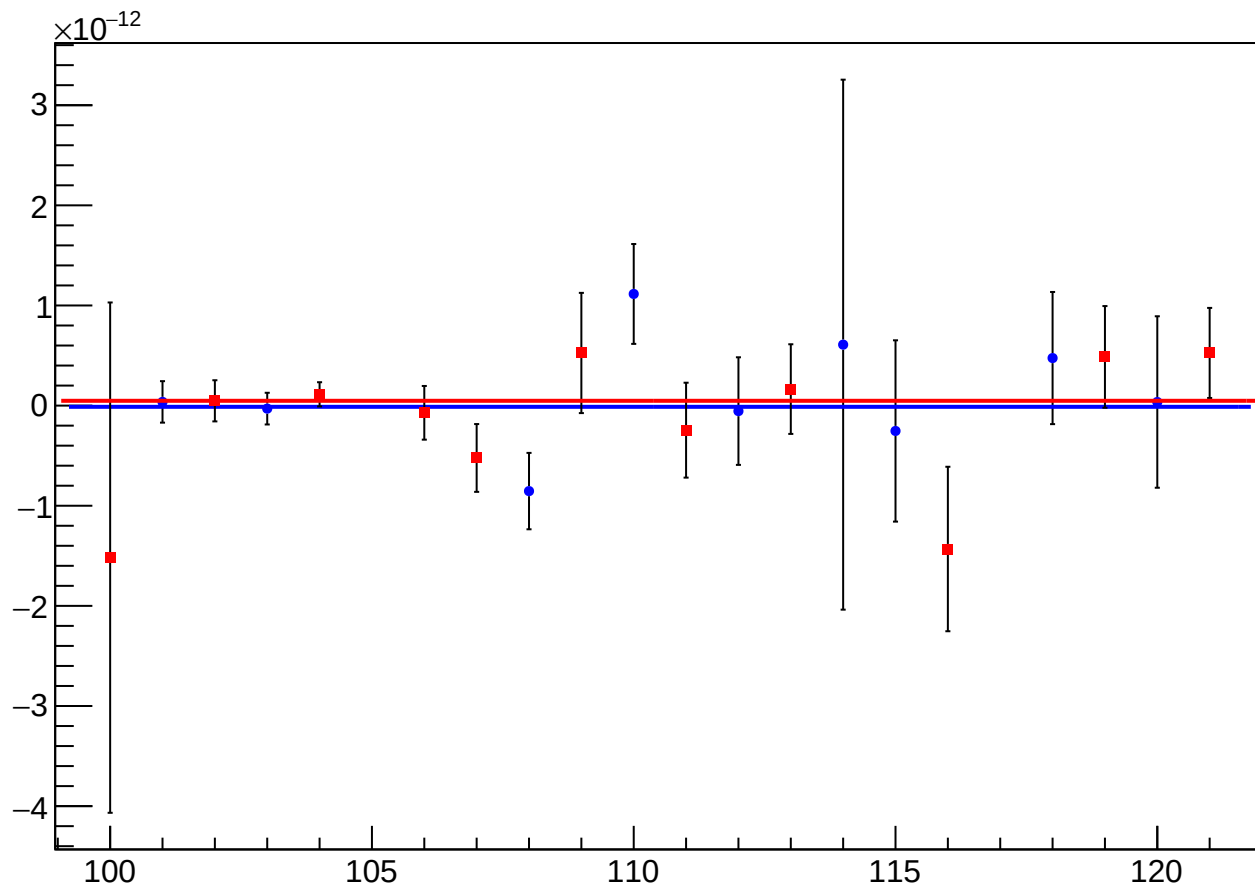
Right: 4070.133+/-1.058 χ^2/NDF : 1116951.7/19

In: 4265.524+/-1.638 χ^2/NDF : 563771.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4070.133+/-1.058 χ^2/NDF : 1116951.7/19

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

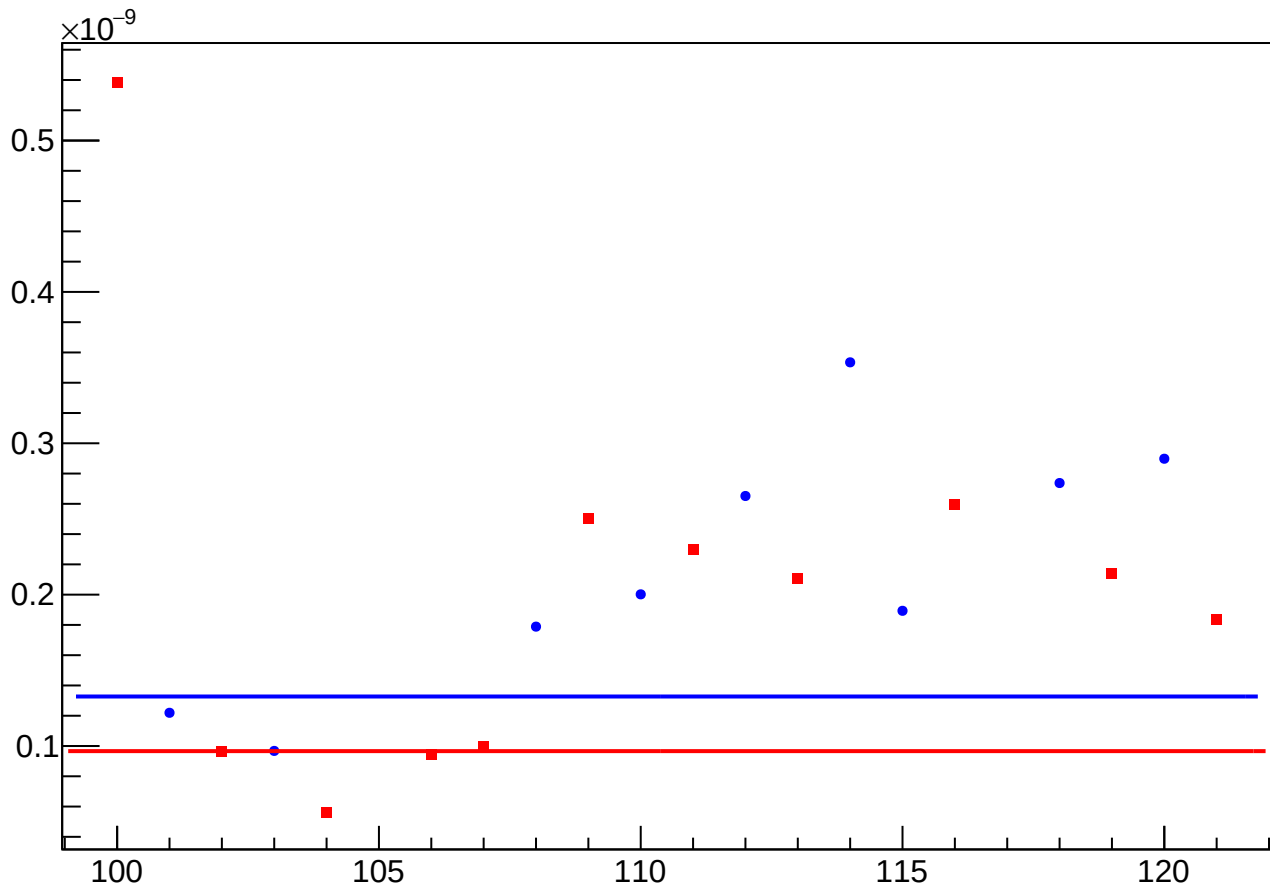
Right: 0.000+/-0.000 χ^2/NDF : 20.8/19

In: -0.000+/-0.000 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/19

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 476479.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 965599.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

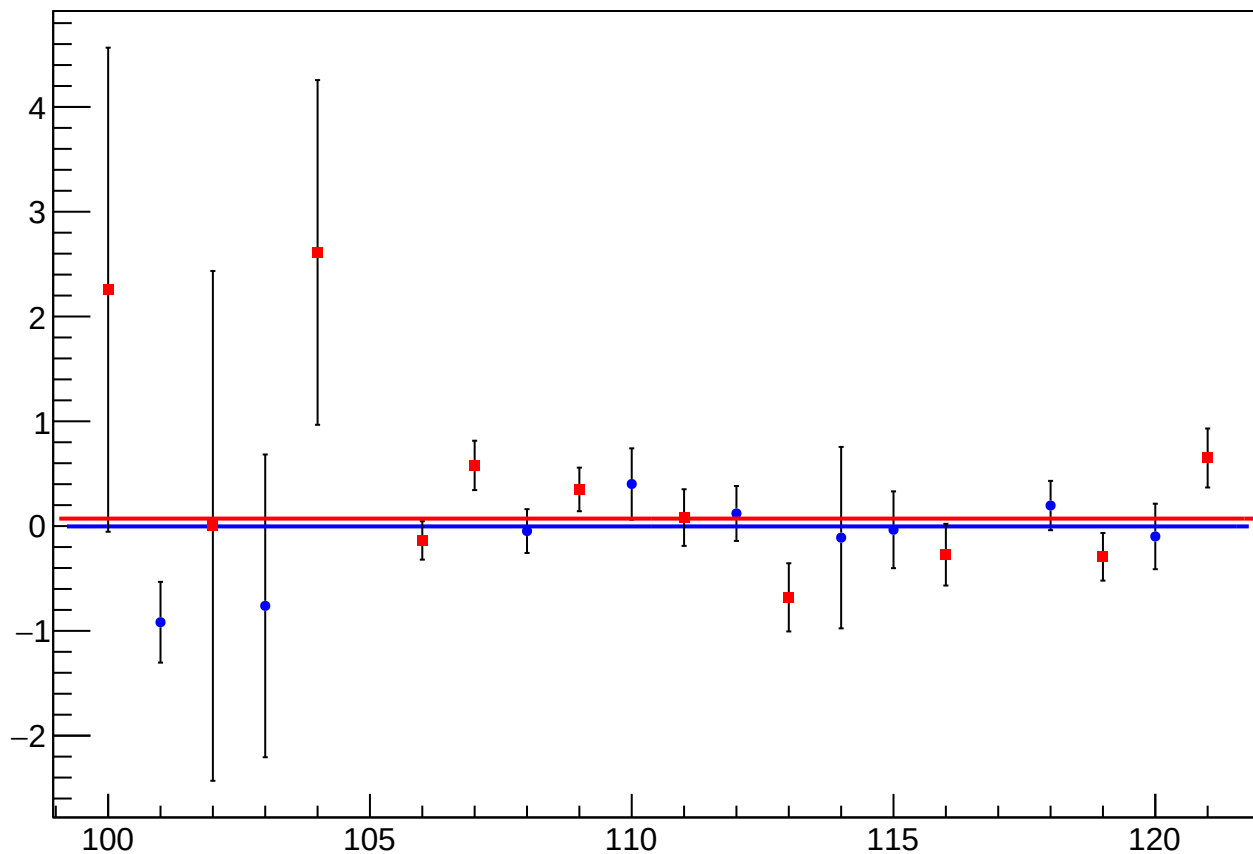
Right: 0.000+/-0.000 χ^2/NDF : 1576495.0/19

In: 0.000+/-0.000 χ^2/NDF : 476479.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1576495.0/19

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.085 χ^2 /NDF: 24.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

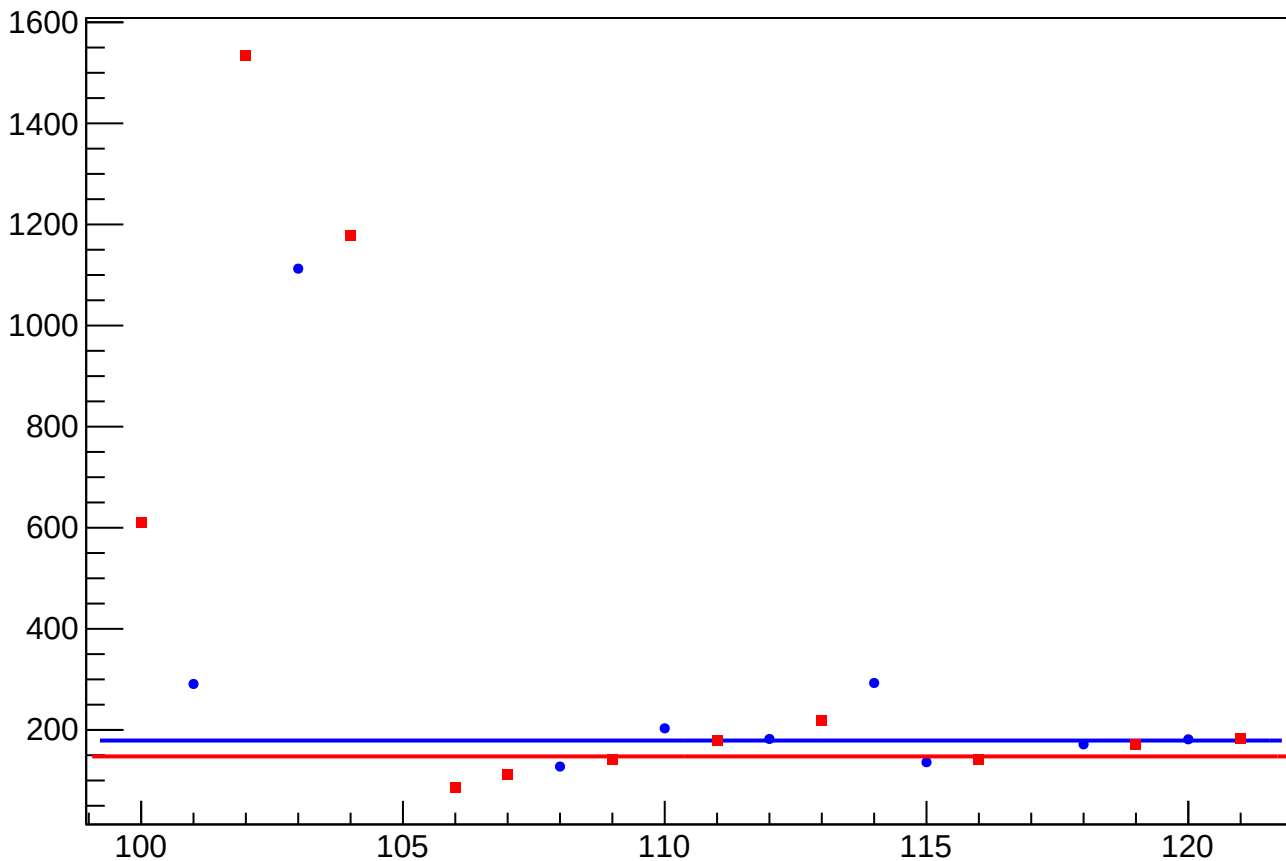
Right: 0.042 $\pm$ 0.066 χ^2 /NDF: 33.2/19

In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.066 χ^2 /NDF: 33.2/19

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.633+/-0.060 χ^2/NDF : 1966788.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

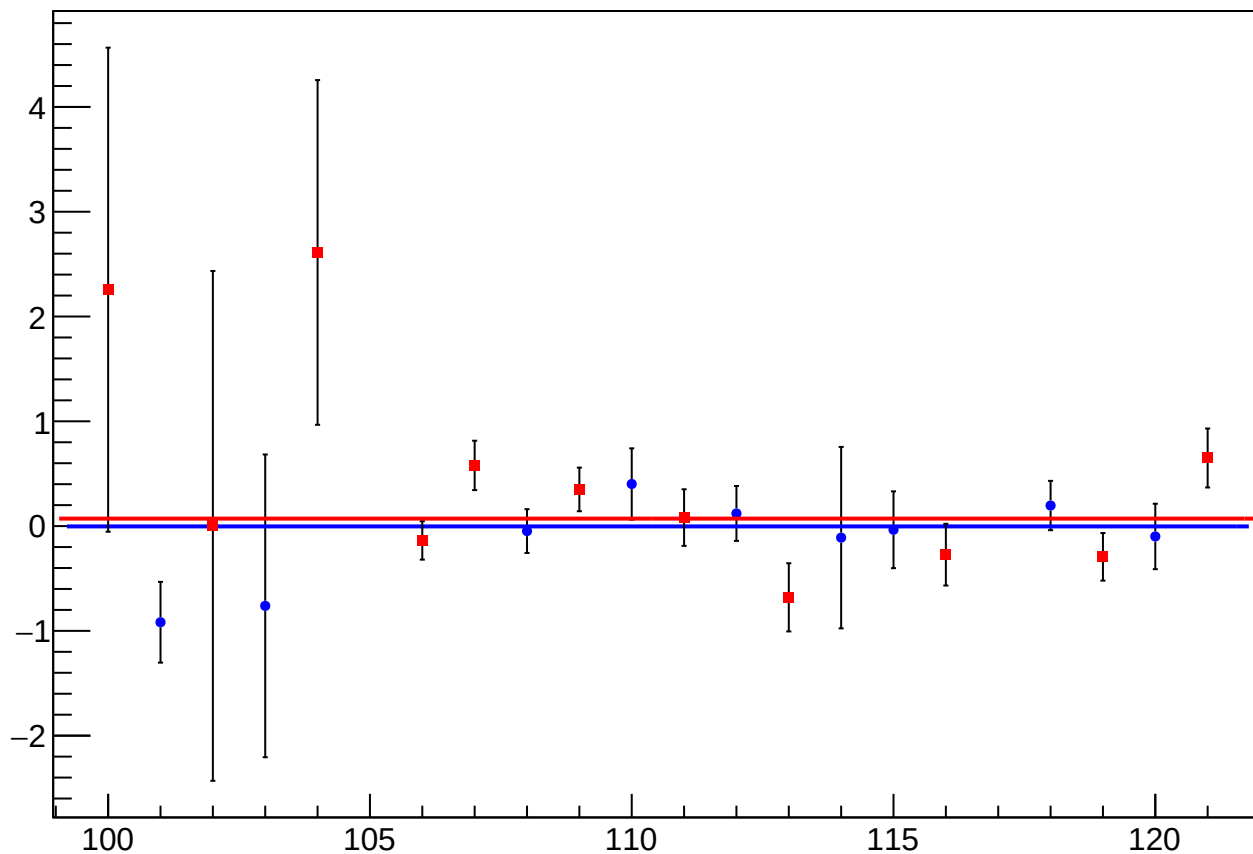
Right: 160.035+/-0.047 χ^2/NDF : 3273835.0/19

In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.035+/-0.047 χ^2/NDF : 3273835.0/19

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.105 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.071+/-0.085 χ^2/NDF : 24.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

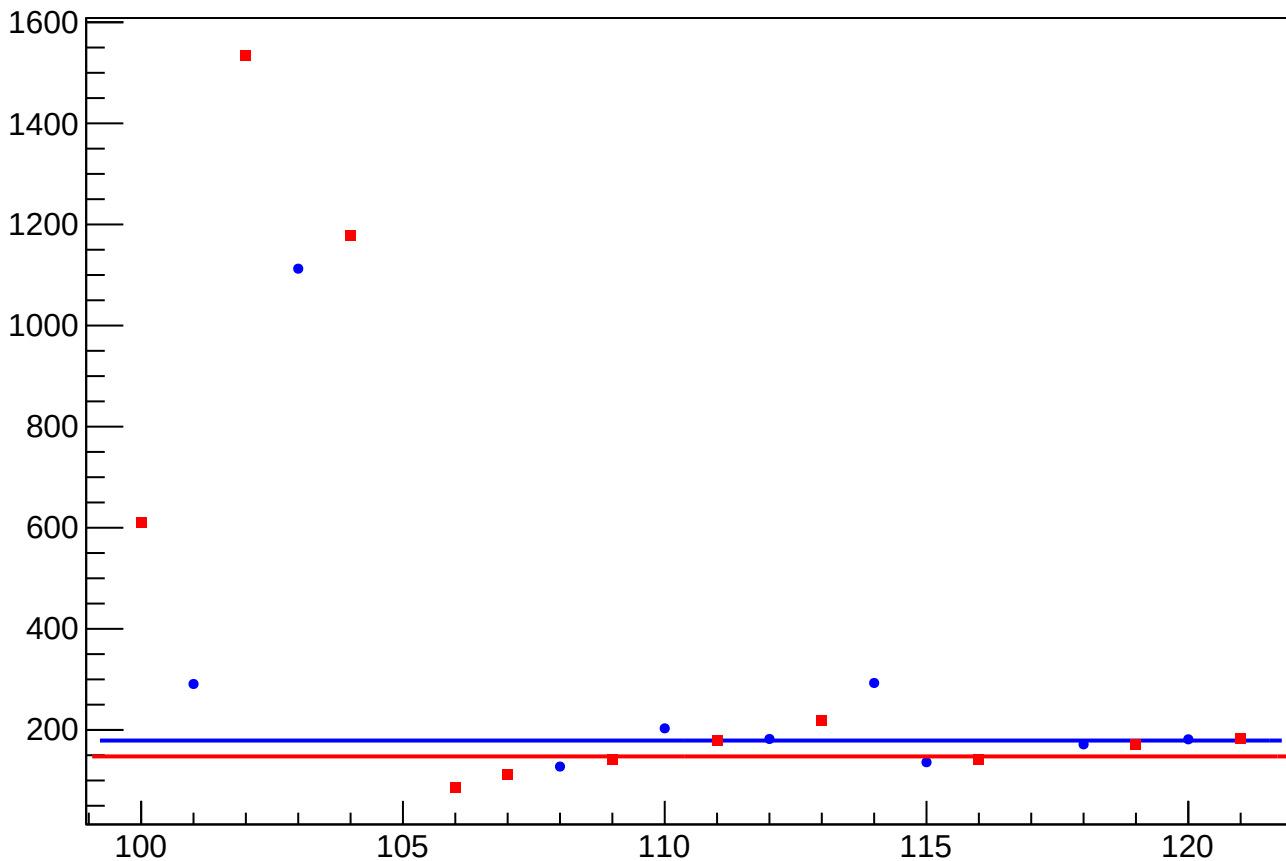
Right: 0.042+/-0.066 χ^2/NDF : 33.2/19

In: -0.003+/-0.105 χ^2/NDF :8.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.042+/-0.066 χ^2/NDF : 33.2/19

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.633+/-0.060 χ^2/NDF : 1966788.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

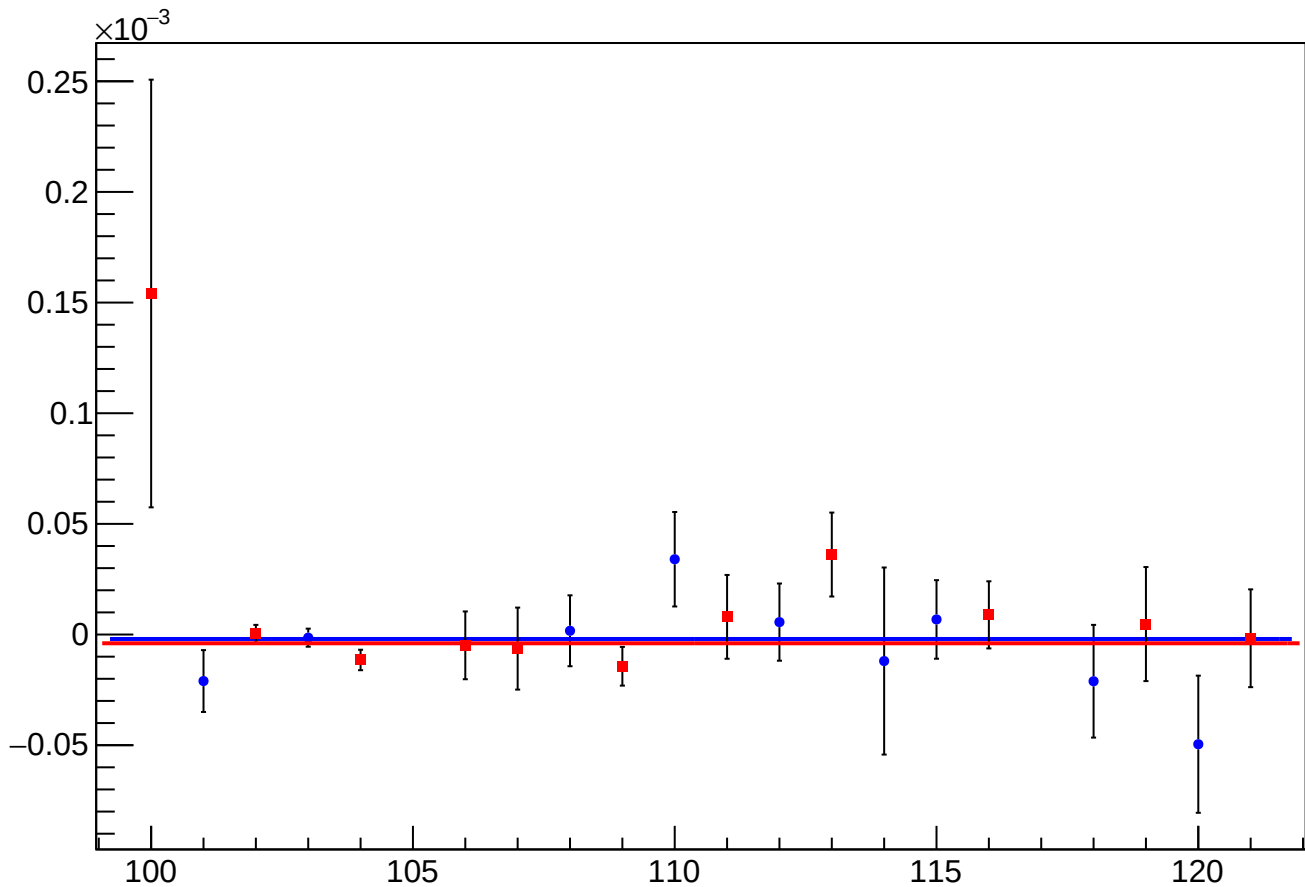
Right: 160.035+/-0.047 χ^2/NDF : 3273835.0/19

In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.035+/-0.047 χ^2/NDF : 3273835.0/19

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

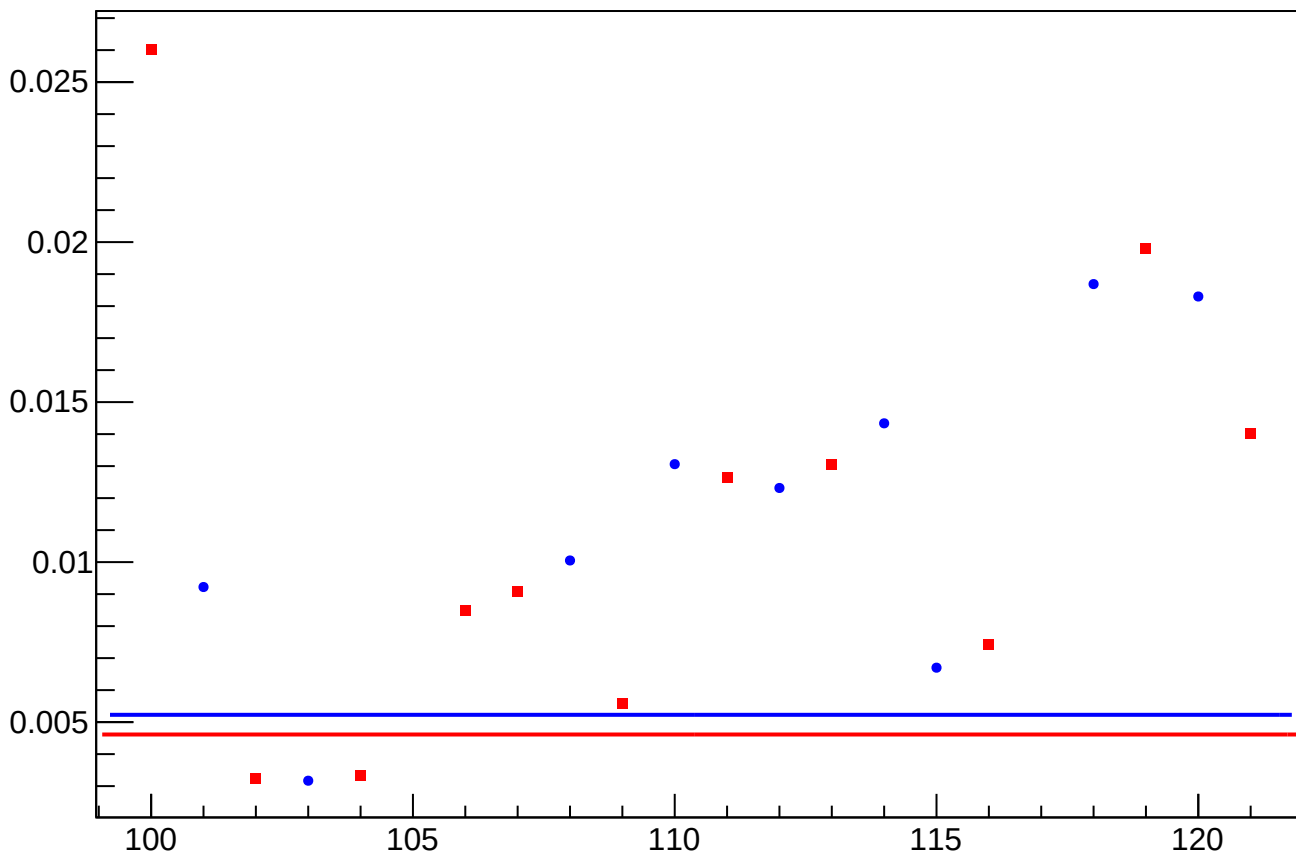
Right: -0.000+/-0.000 χ^2/NDF : 22.0/19

In: -0.000+/-0.000 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/19

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2475629.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2636946.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

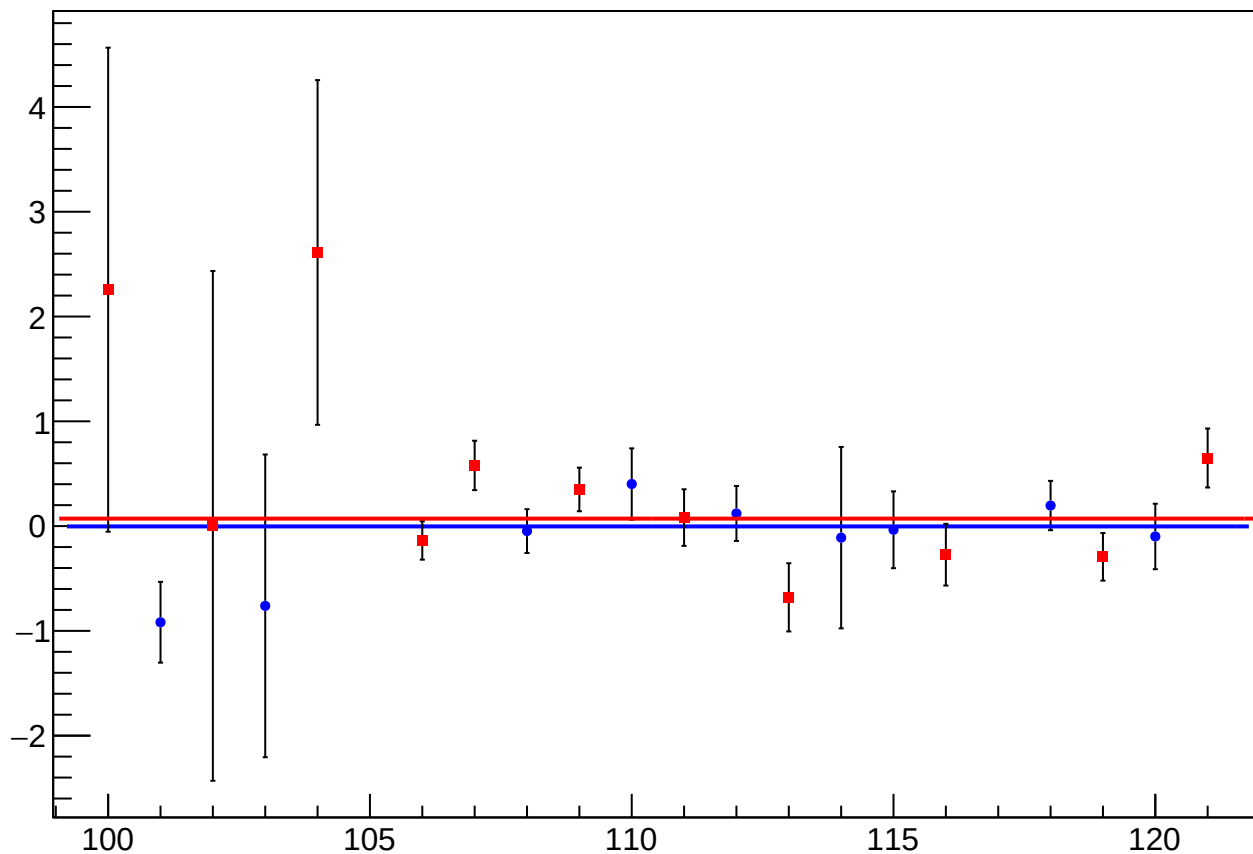
Right: 0.005+/-0.000 χ^2/NDF : 5151627.8/19

In: 0.005+/-0.000 χ^2/NDF :2475629.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5151627.8/19

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.085 χ^2 /NDF: 24.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

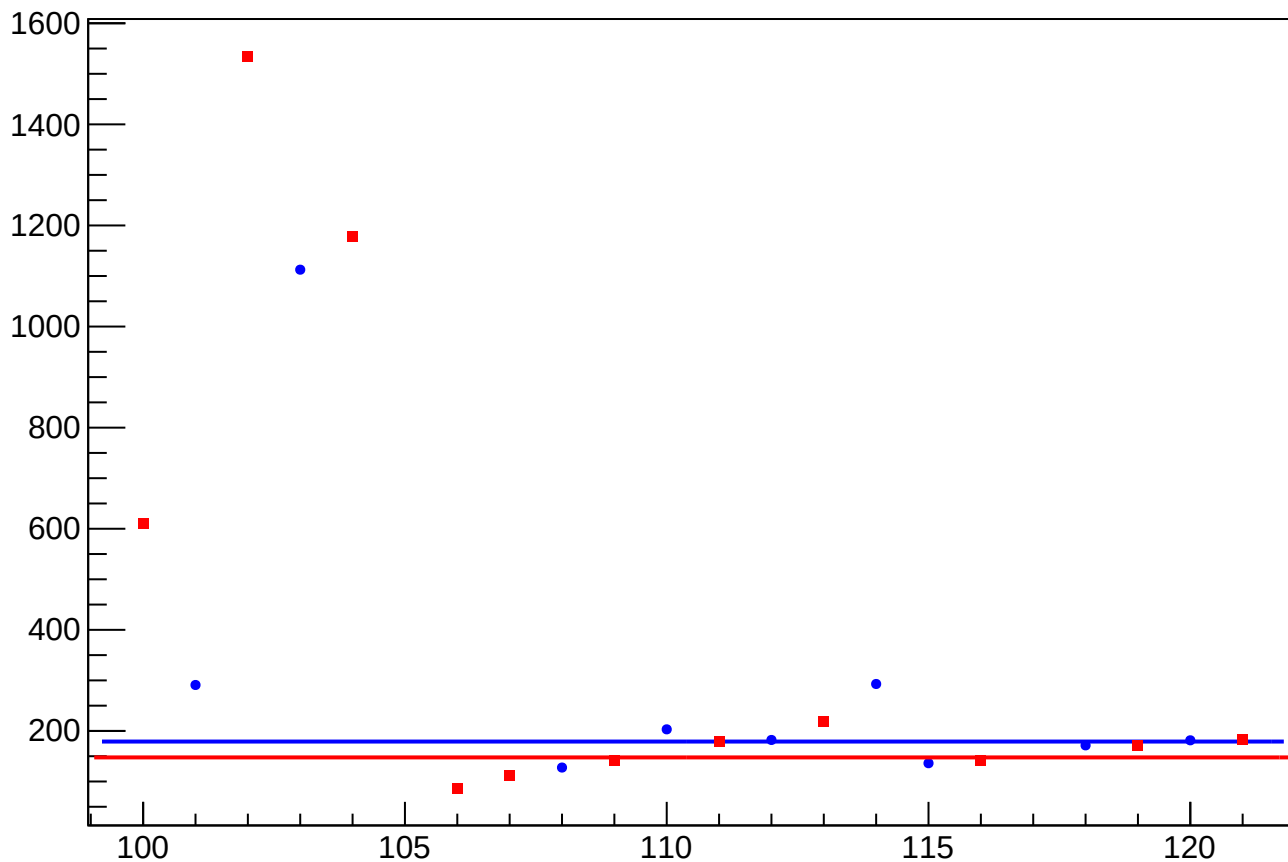
Right: 0.042 $\pm$ 0.066 χ^2 /NDF: 33.2/19

In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.066 χ^2 /NDF: 33.2/19

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.018+/-0.074 χ^2/NDF : 1199367.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.633+/-0.060 χ^2/NDF : 1966783.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

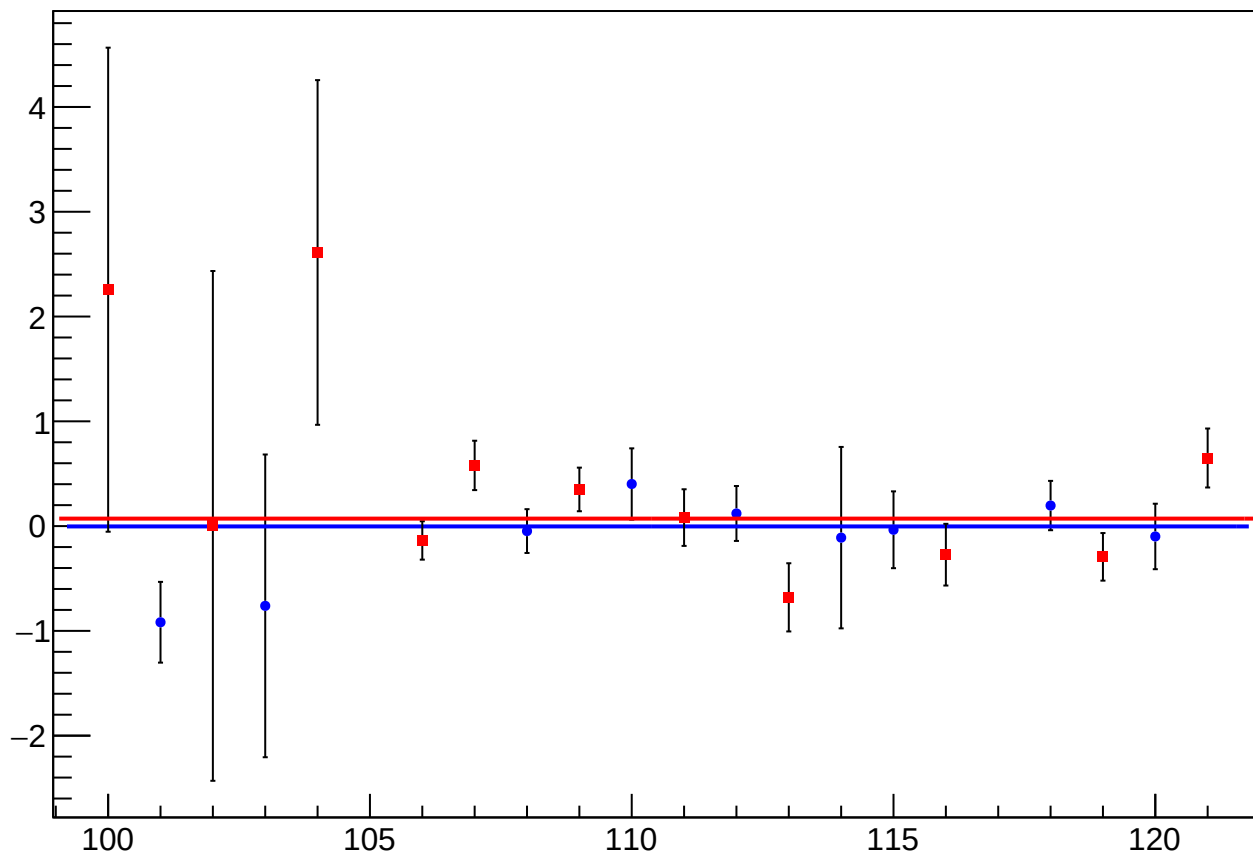
Right: 160.035+/-0.047 χ^2/NDF : 3273832.2/19

In: 179.018+/-0.074 χ^2/NDF : 1199367.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.035+/-0.047 χ^2/NDF : 3273832.2/19

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.085 χ^2 /NDF: 24.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

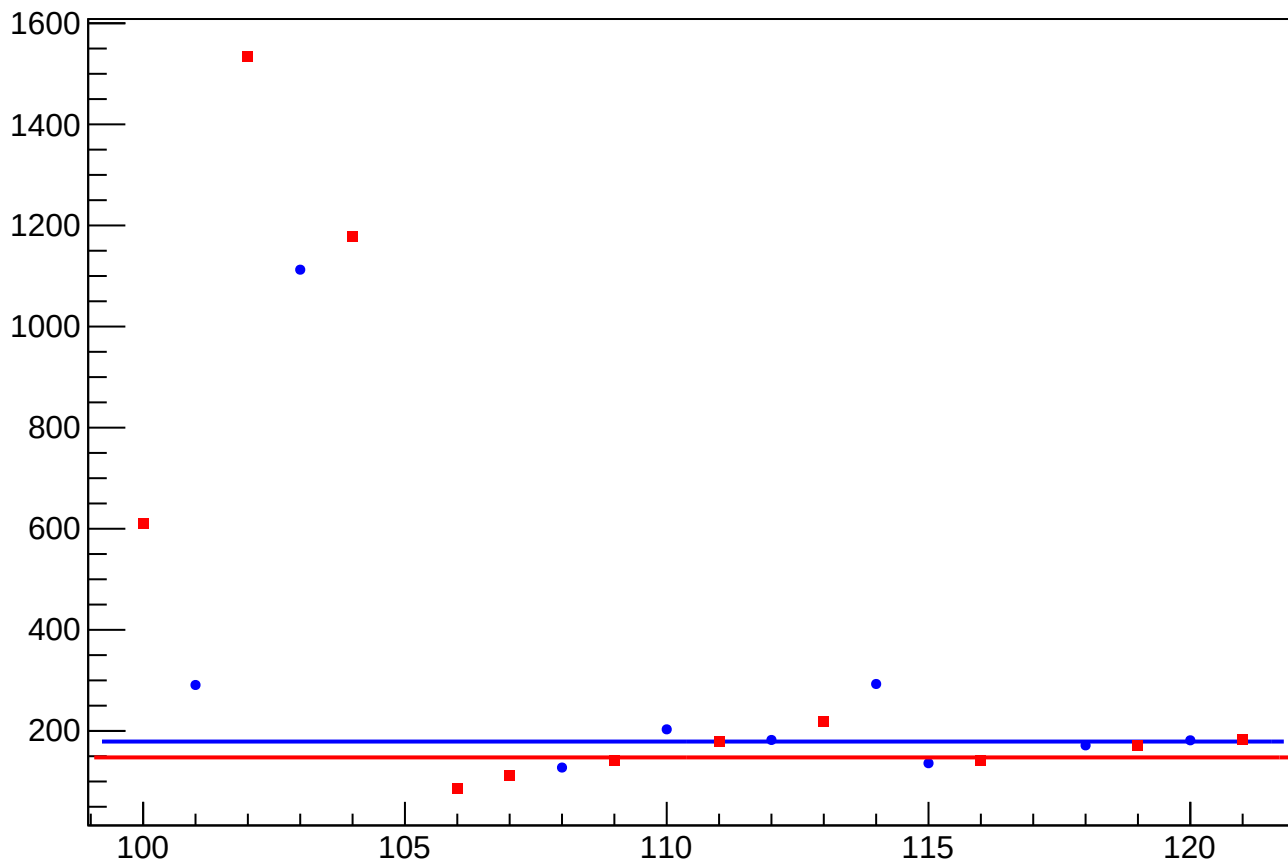
Right: 0.042 $\pm$ 0.066 χ^2 /NDF: 33.2/19

In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.066 χ^2 /NDF: 33.2/19

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.018+/-0.074 χ^2/NDF : 1199367.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 147.633+/-0.060 χ^2/NDF : 1966783.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

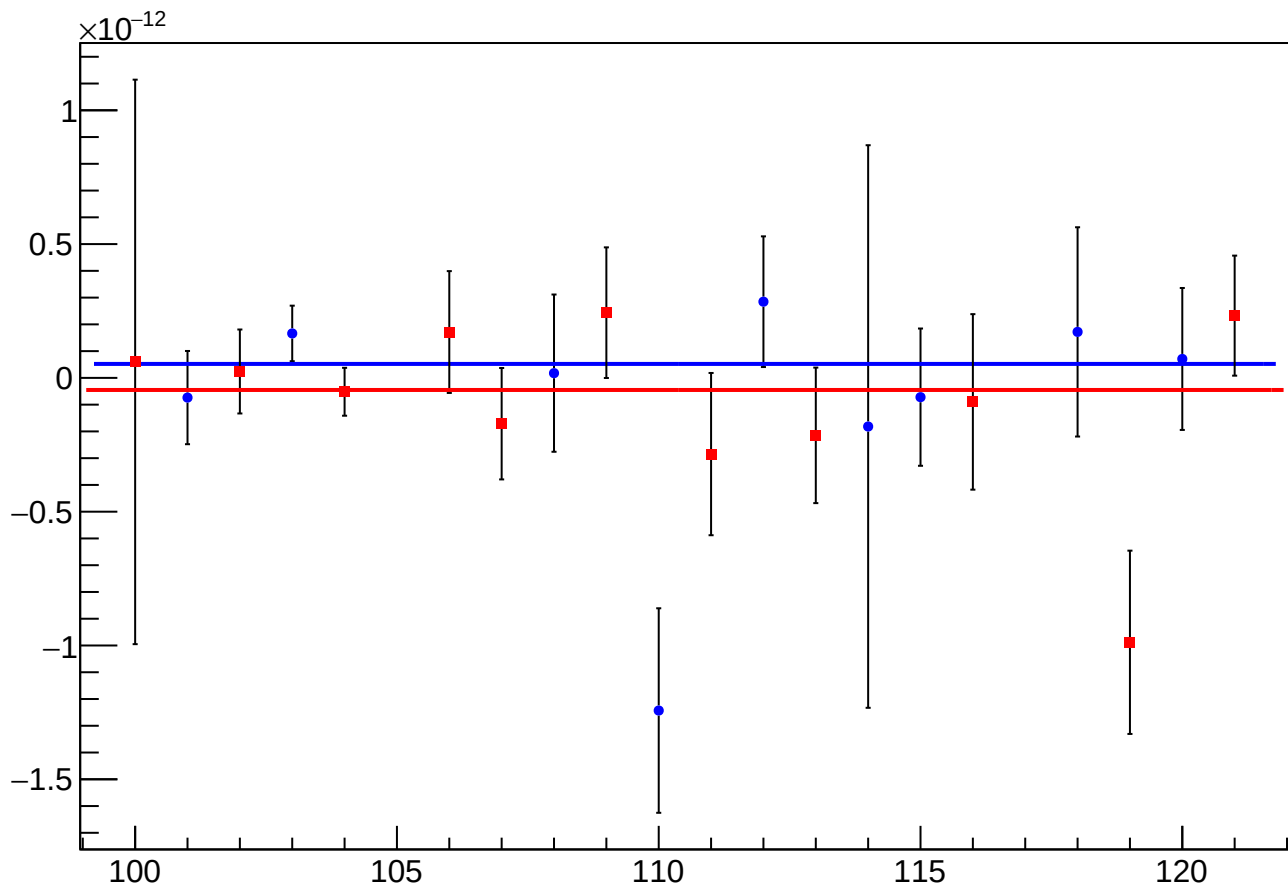
Right: 160.035+/-0.047 χ^2/NDF : 3273832.2/19

In: 179.018+/-0.074 χ^2/NDF :1199367.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 160.035+/-0.047 χ^2/NDF : 3273832.2/19

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

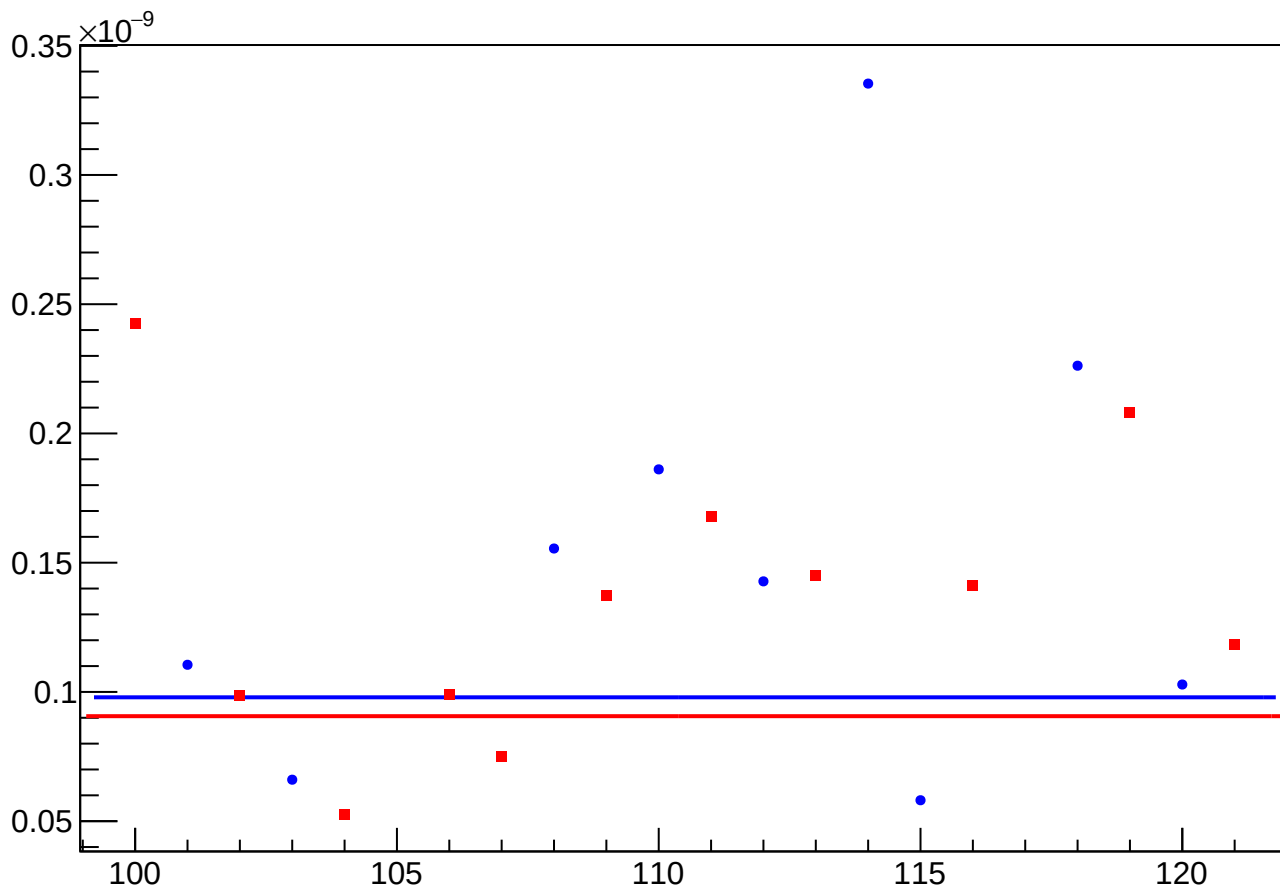
Right: -0.000+/-0.000 χ^2/NDF : 28.7/19

In: 0.000+/-0.000 χ^2/NDF : 14.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.7/19

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 815928.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1031698.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

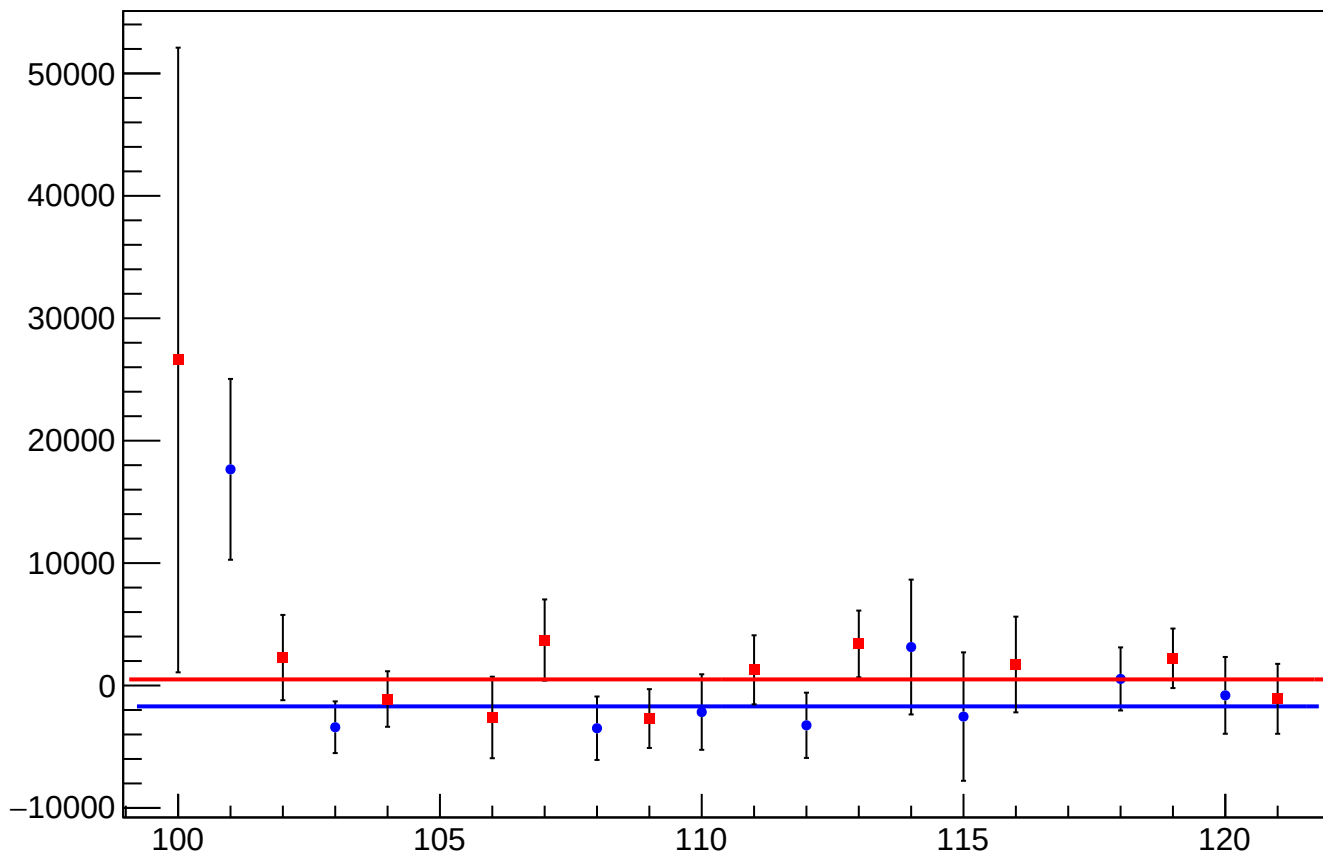
Right: 0.000+/-0.000 χ^2/NDF : 1860142.8/19

In: 0.000+/-0.000 χ^2/NDF : 815928.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1860142.8/19

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1704.698+/-1021.354 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.237+/-894.240 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

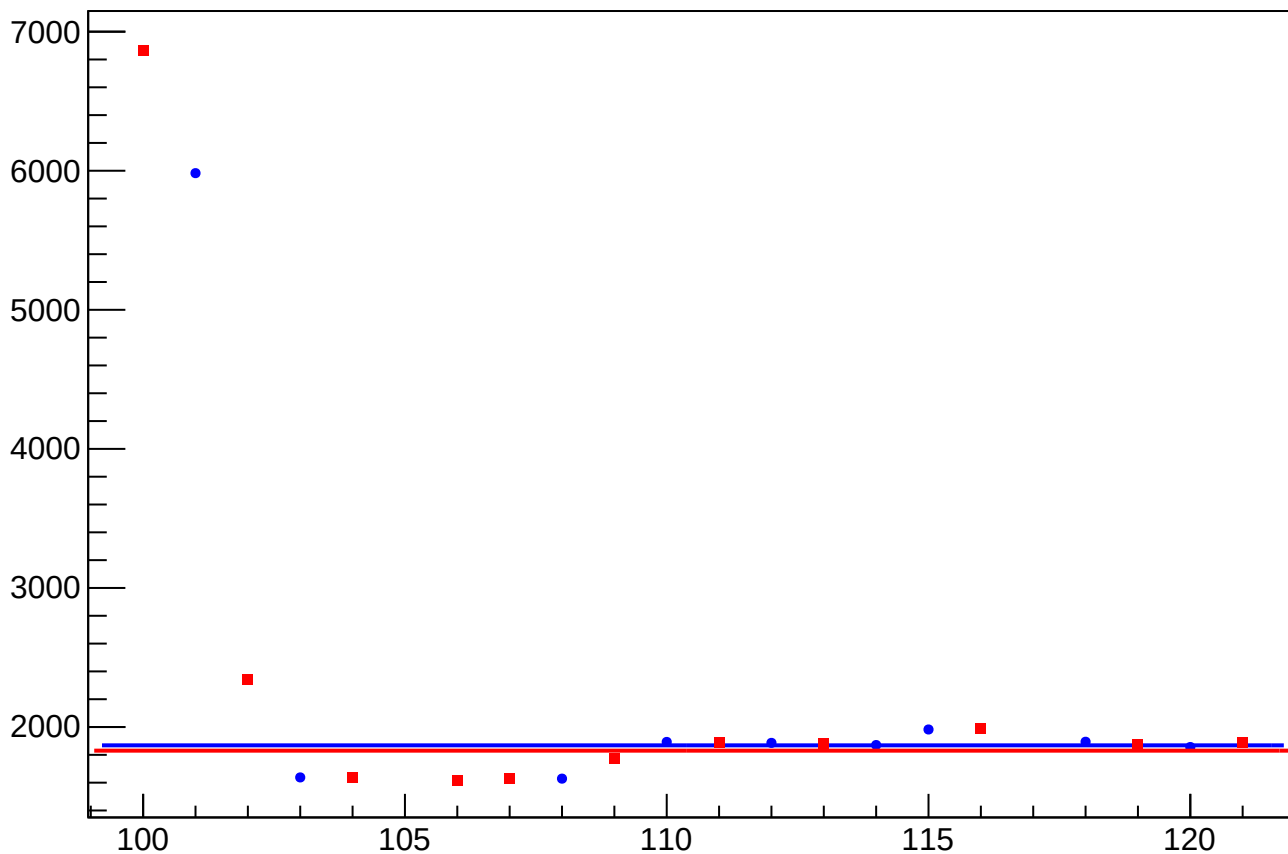
Right: -457.691+/-672.803 χ^2/NDF : 20.1/19

In: -1704.698+/-1021.354 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.691+/-672.803 χ^2/NDF : 20.1/19

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1868.334+/-0.722 χ^2/NDF : 662760.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.176+/-0.629 χ^2/NDF : 160814.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

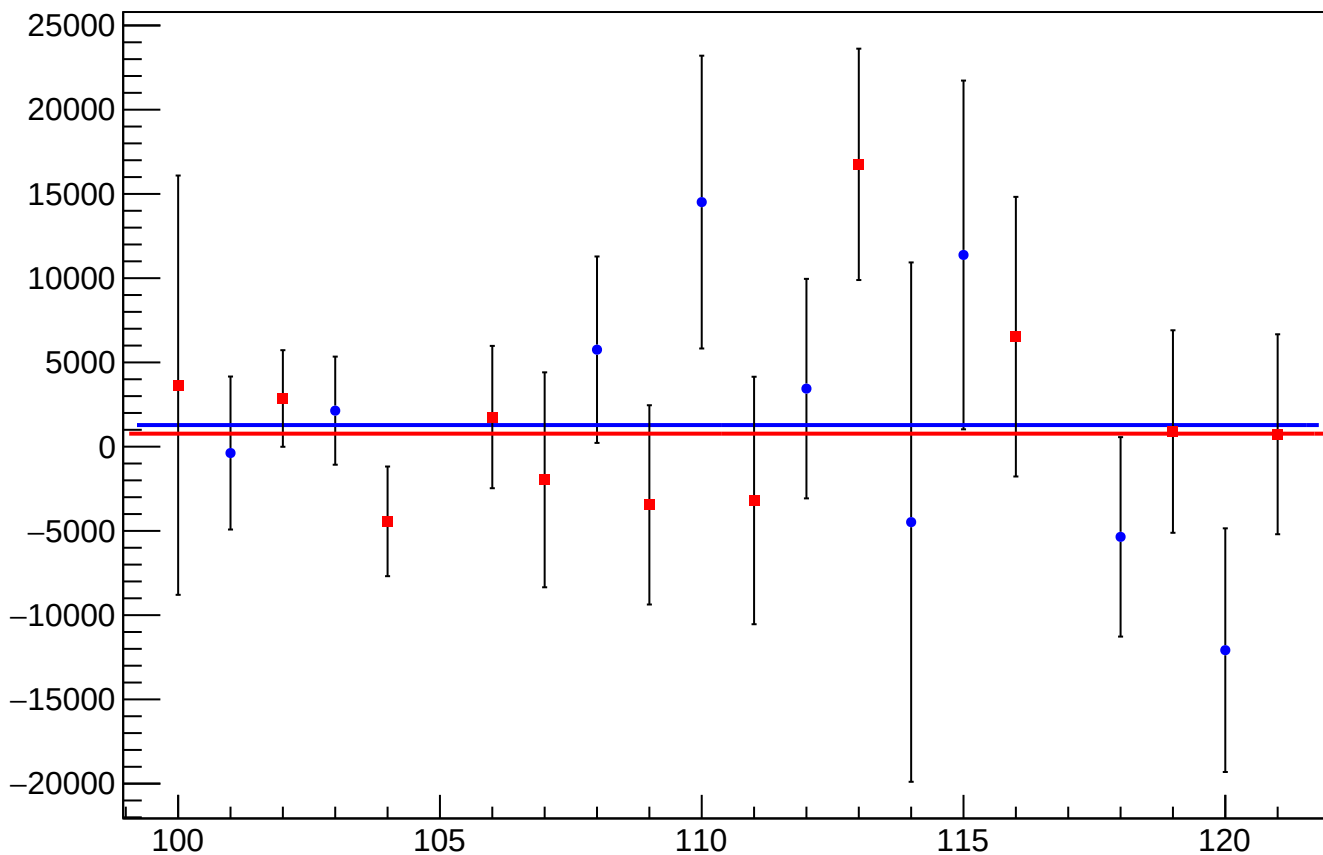
Right: 1846.631+/-0.474 χ^2/NDF : 825162.7/19

In: 1868.334+/-0.722 χ^2/NDF : 662760.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.631+/-0.474 χ^2/NDF : 825162.7/19

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1282.078+/-1902.200 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 771.375+/-1503.870 χ^2/NDF : 10.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

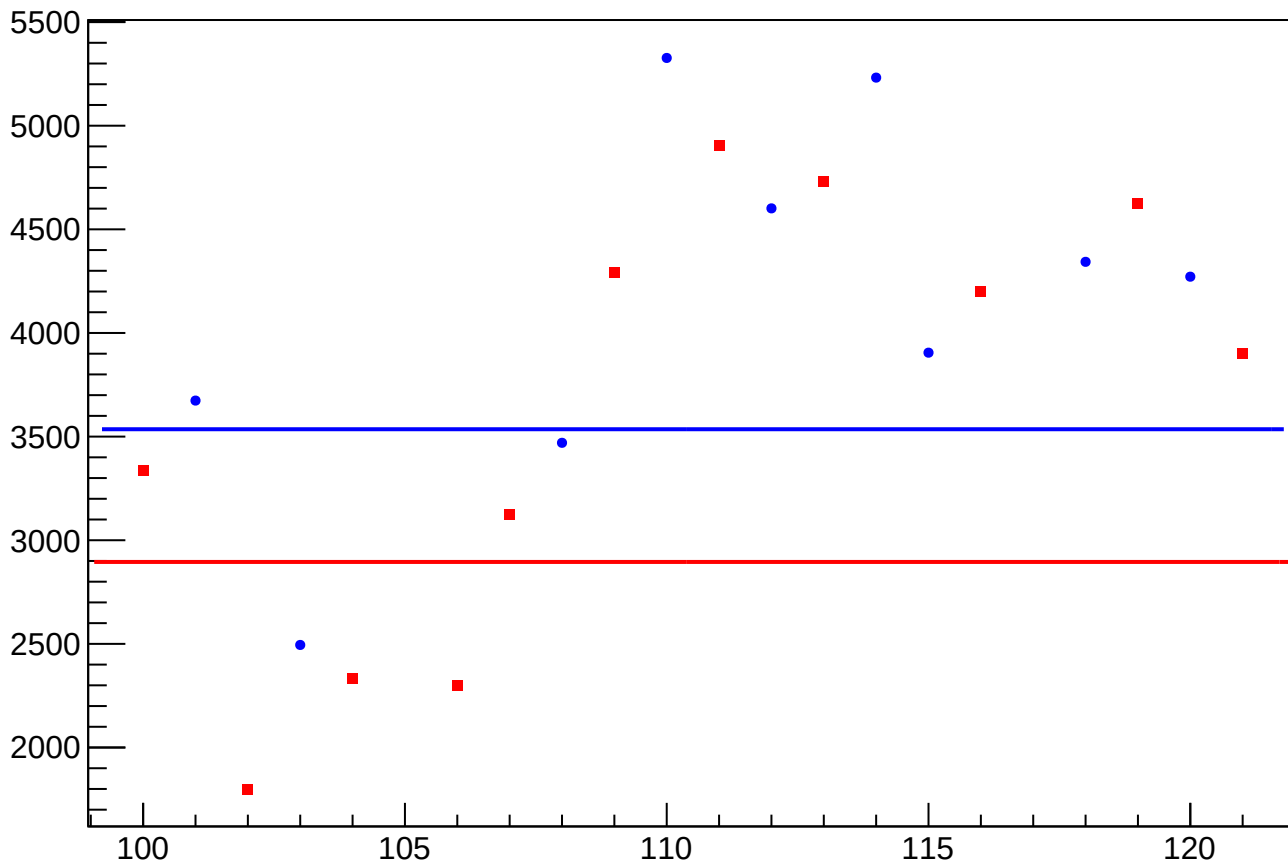
Right: 967.807+/-1179.718 χ^2/NDF : 19.2/19

In: 1282.078+/-1902.200 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.807+/-1179.718 χ^2/NDF : 19.2/19

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3535.550+/-1.345 χ^2/NDF : 435862.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2895.280+/-1.063 χ^2/NDF : 1074650.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

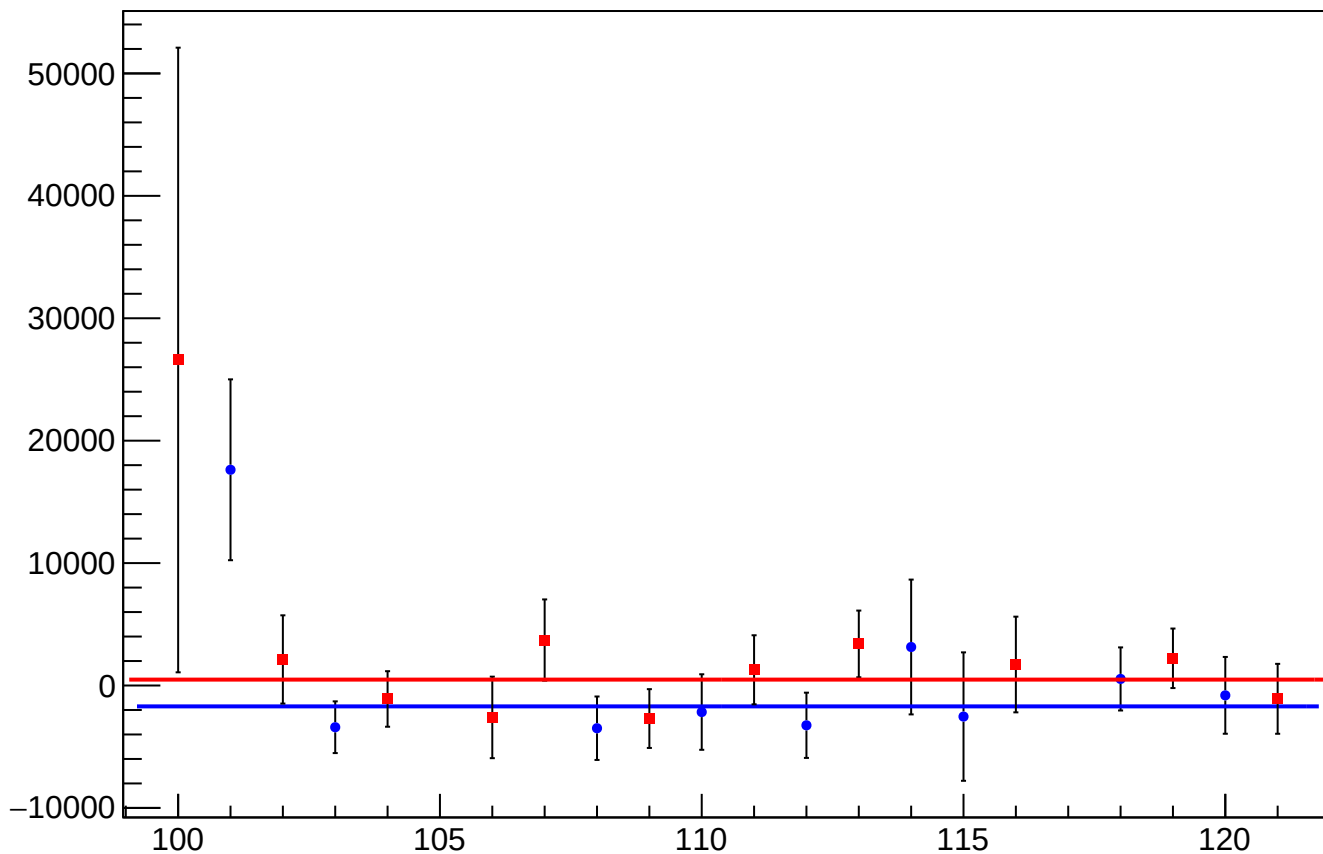
Right: 3141.547+/-0.834 χ^2/NDF : 1649950.8/19

In: 3535.550+/-1.345 χ^2/NDF : 435862.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.547+/-0.834 χ^2/NDF : 1649950.8/19

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1705.267+/-1021.354 χ^2 /NDF: 10.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 481.924+/-896.196 χ^2 /NDF: 7.4/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

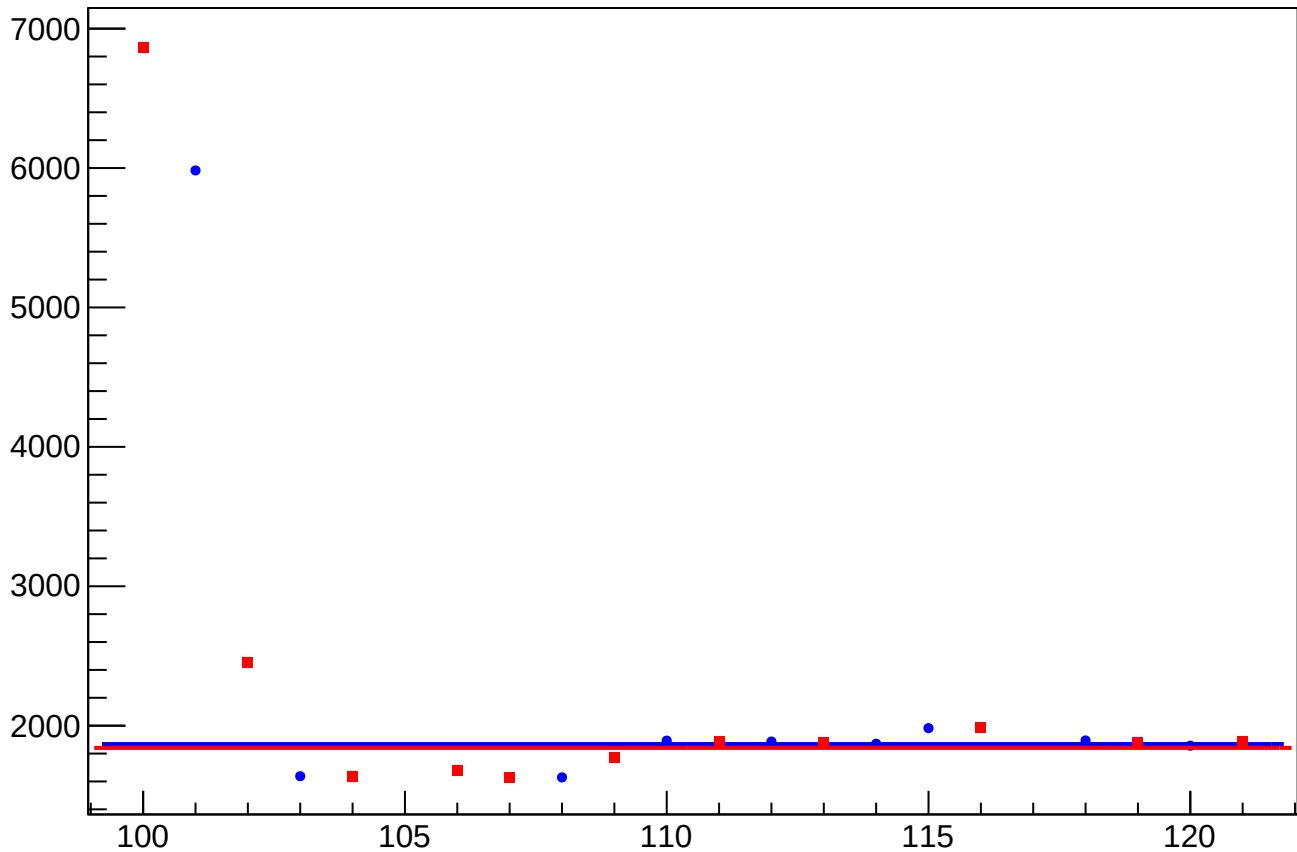
Right: -469.520+/-673.635 χ^2 /NDF: 20.0/19

In: -1705.267+/-1021.354 χ^2 /NDF: 10.0/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -469.520+/-673.635 χ^2 /NDF: 20.0/19

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.659+/-0.632 χ^2/NDF : 171994.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

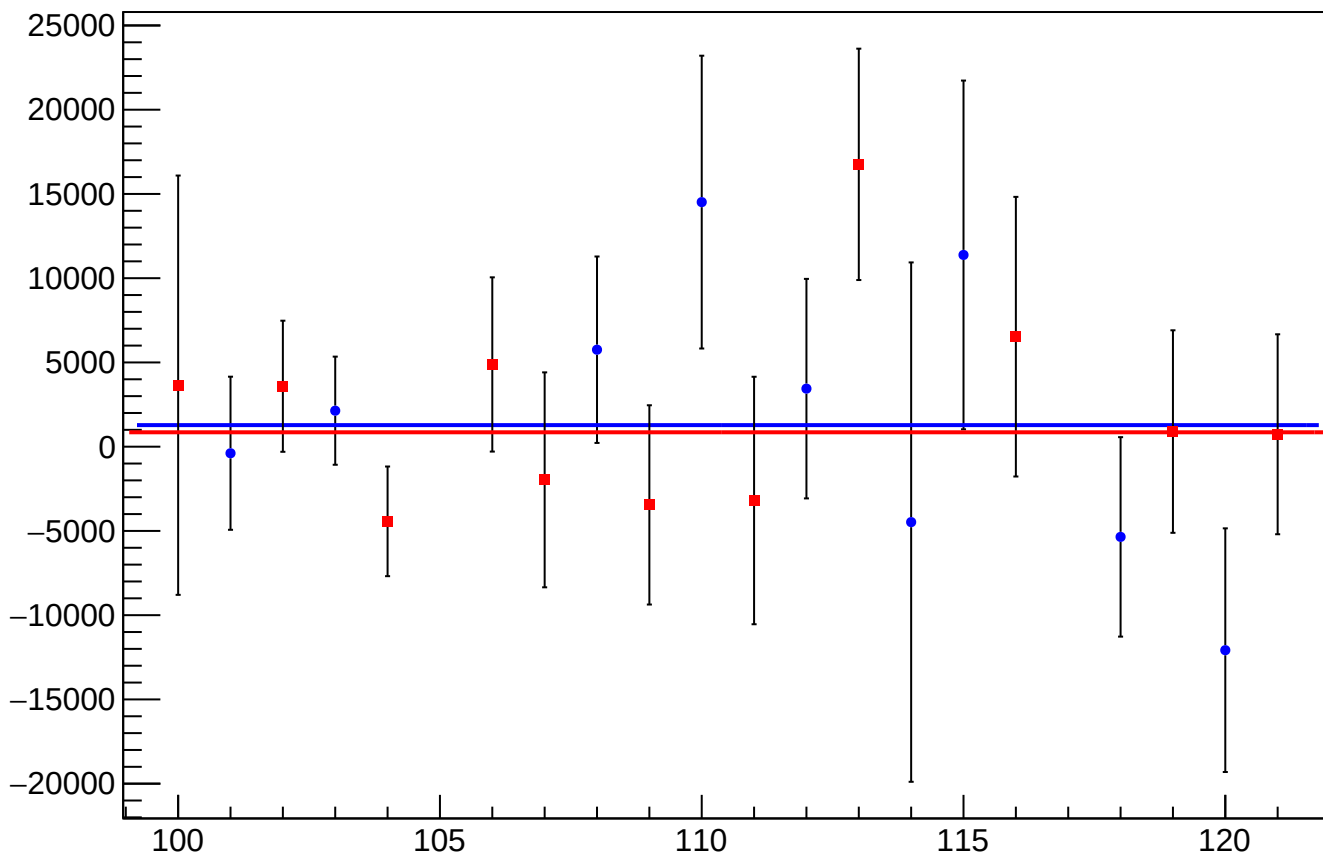
Right: 1852.663+/-0.476 χ^2/NDF : 835586.1/19

In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.663+/-0.476 χ^2/NDF : 835586.1/19

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 854.273+/-1648.665 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

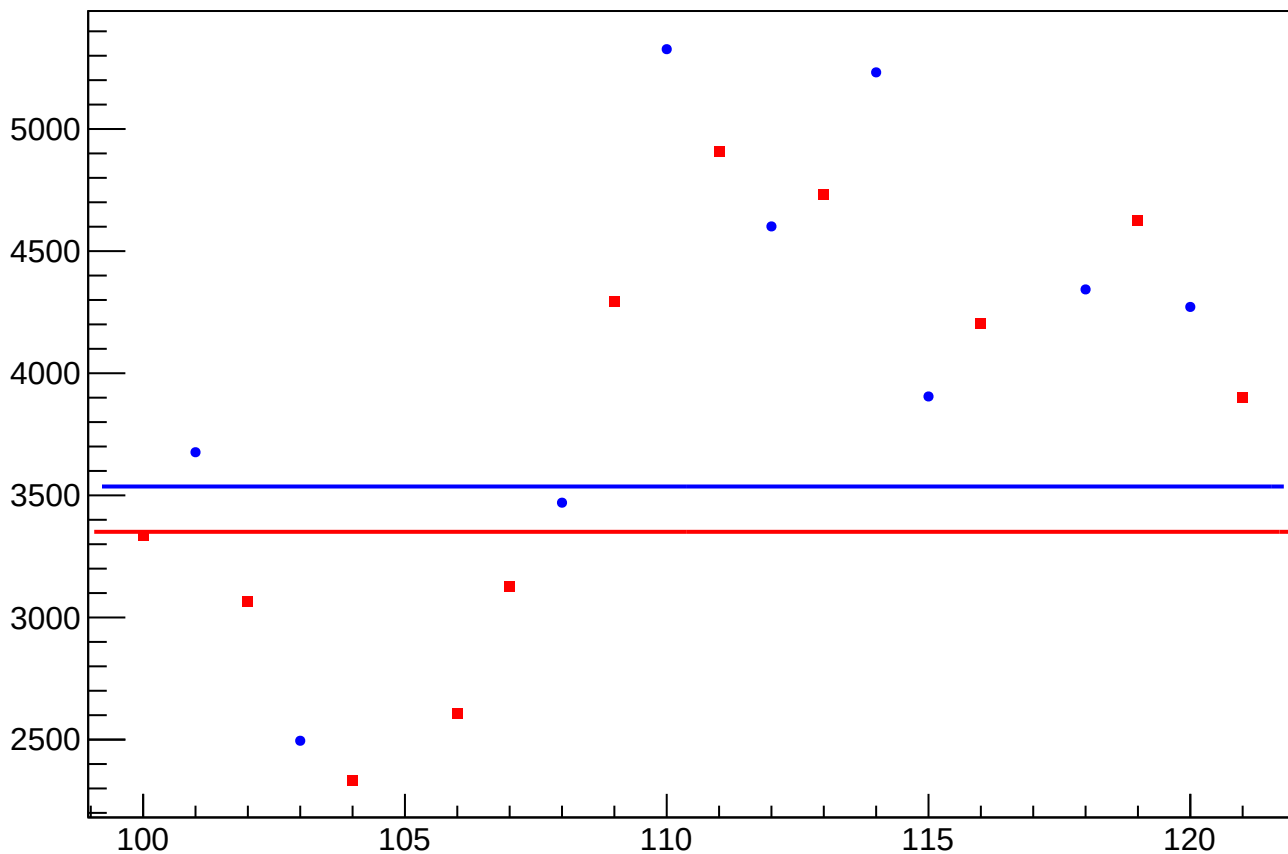
Right: 1036.933+/-1245.952 χ^2/NDF : 19.7/19

In: 1280.186+/-1902.567 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1036.933+/-1245.952 χ^2/NDF : 19.7/19

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3350.768+/-1.166 χ^2/NDF : 598950.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

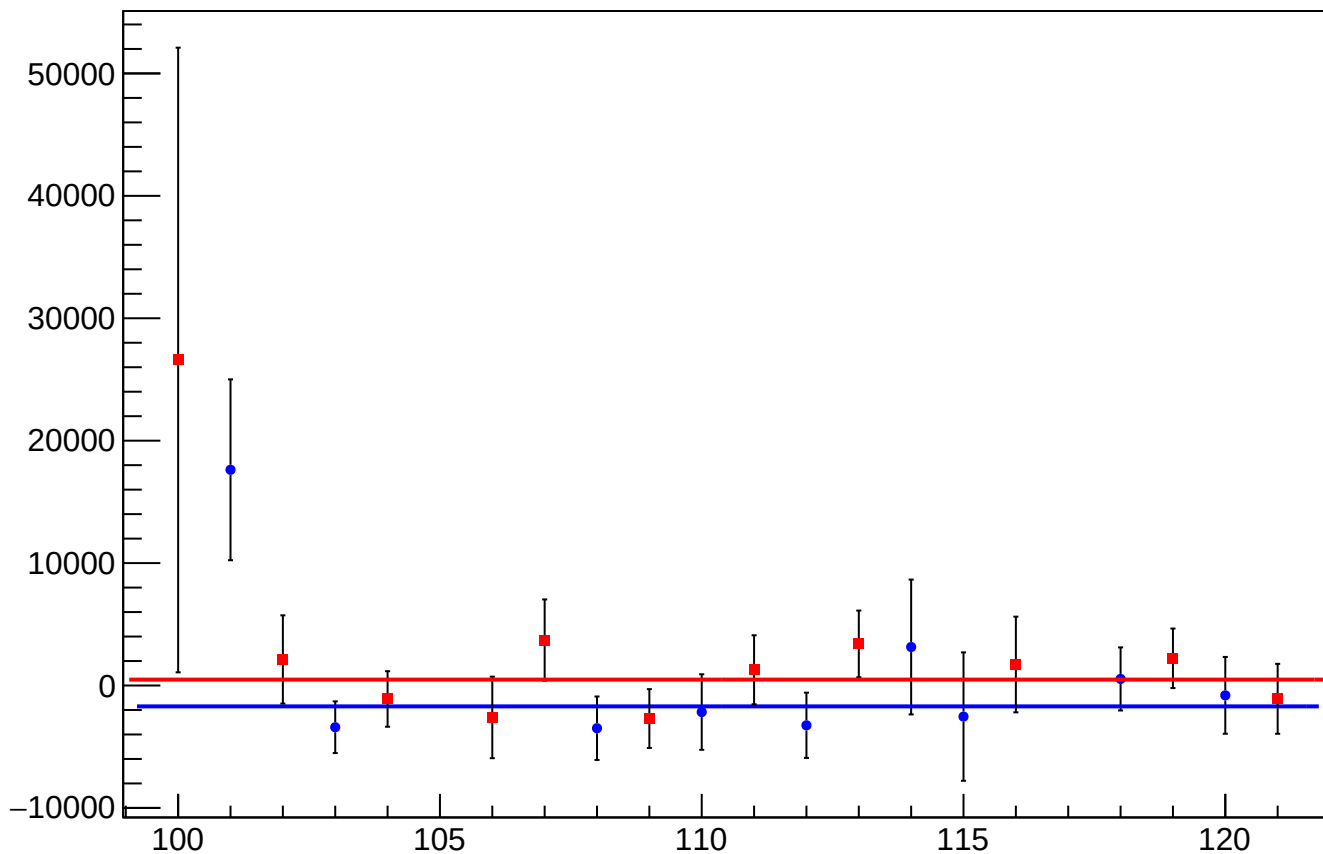
Right: 3430.338+/-0.881 χ^2/NDF : 1045479.7/19

In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3430.338+/-0.881 χ^2/NDF : 1045479.7/19

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1705.267+/-1021.354 χ^2 /NDF: 10.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 481.924+/-896.196 χ^2 /NDF: 7.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

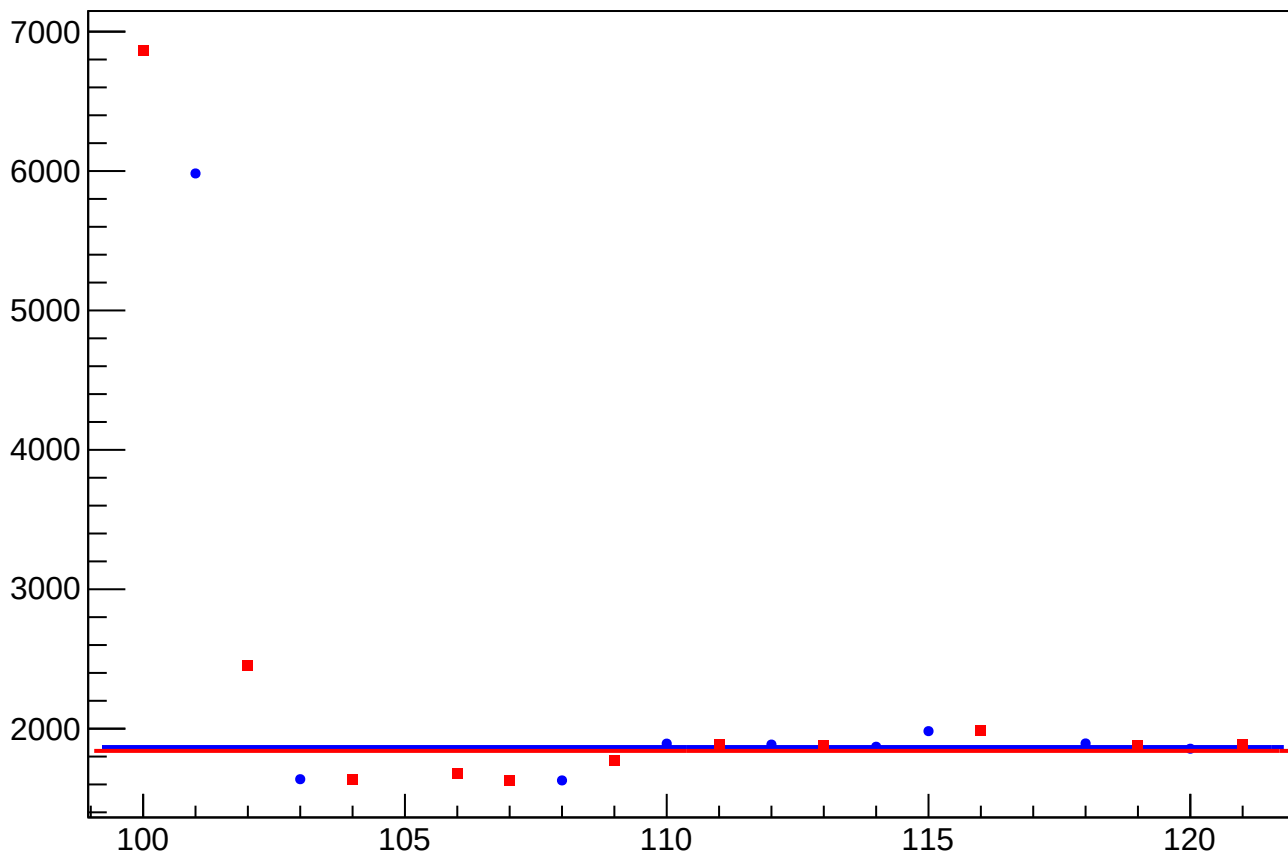
Right: -469.520+/-673.635 χ^2 /NDF: 20.0/19

In: -1705.267+/-1021.354 χ^2 /NDF:10.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -469.520+/-673.635 χ^2 /NDF: 20.0/19

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.659+/-0.632 χ^2/NDF : 171994.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

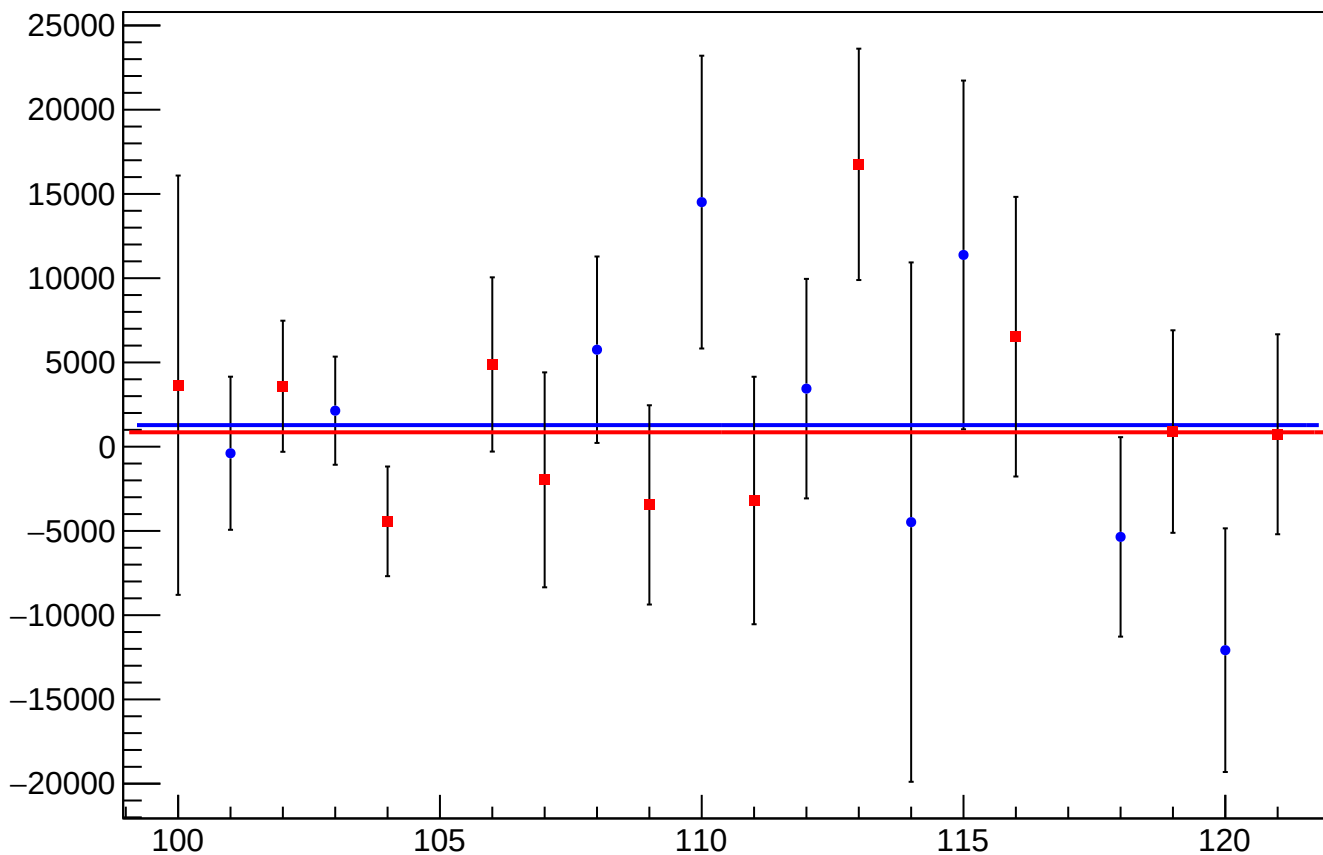
Right: 1852.663+/-0.476 χ^2/NDF : 835586.1/19

In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.663+/-0.476 χ^2/NDF : 835586.1/19

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 854.273+/-1648.665 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

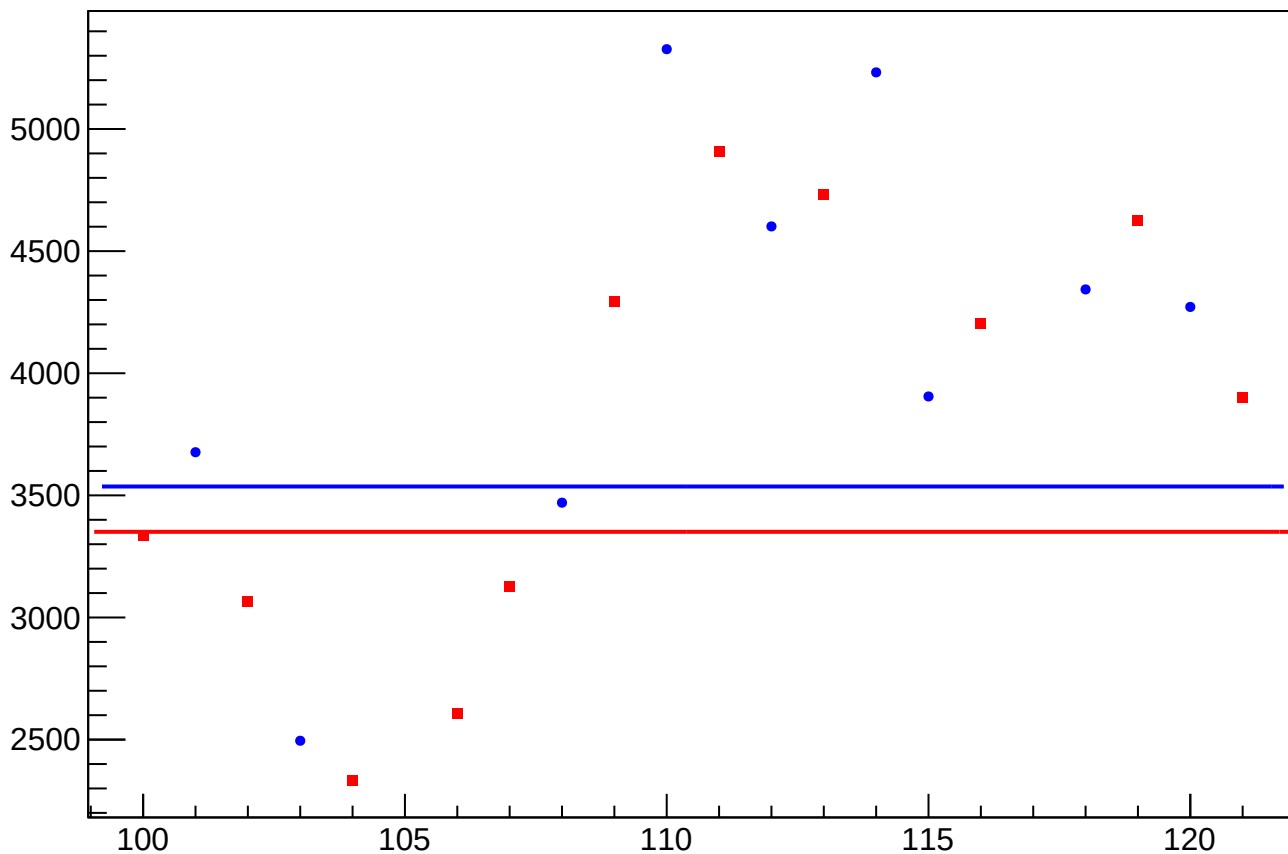
Right: 1036.933+/-1245.952 χ^2/NDF : 19.7/19

In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1036.933+/-1245.952 χ^2/NDF : 19.7/19

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3350.768+/-1.166 χ^2/NDF : 598950.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

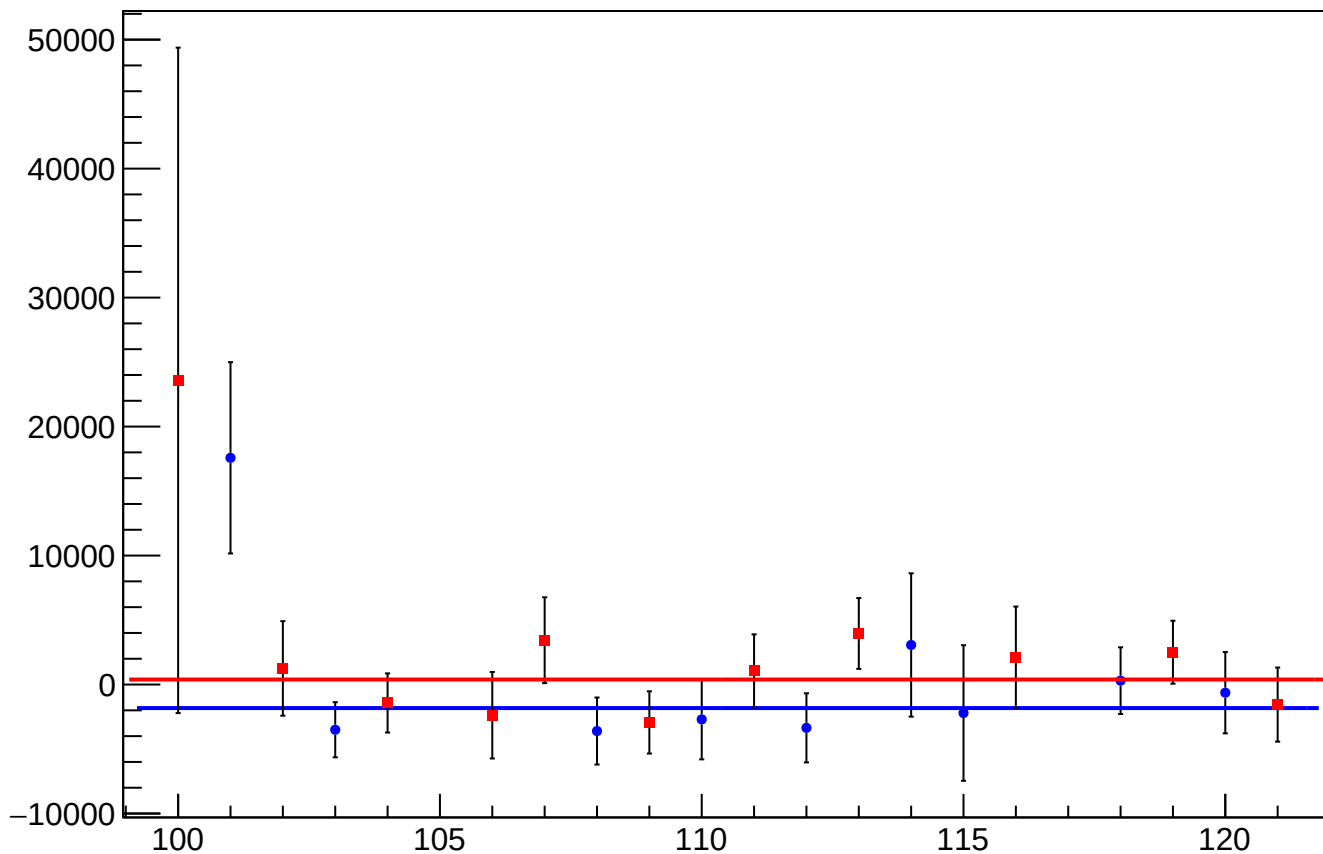
Right: 3430.338+/-0.881 χ^2/NDF : 1045479.7/19

In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3430.338+/-0.881 χ^2/NDF : 1045479.7/19

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1824.413 ± 1027.525 χ^2/NDF : 9.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 390.007 ± 902.126 χ^2/NDF : 8.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

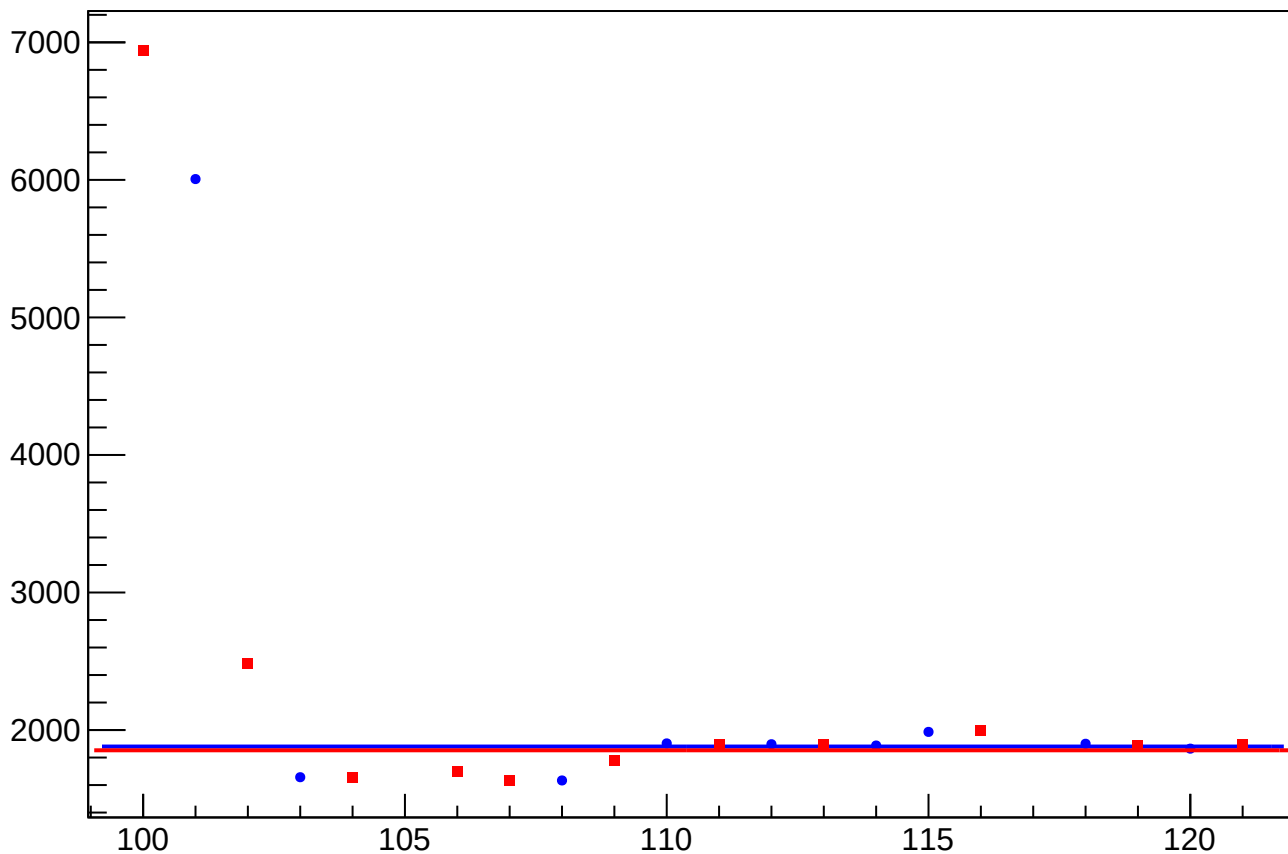
Right: -573.904 ± 677.924 χ^2/NDF : 20.6/19

In: -1824.413 ± 1027.525 χ^2/NDF : 9.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -573.904 ± 677.924 χ^2/NDF : 20.6/19

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.726+/-0.637 χ^2/NDF : 171501.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

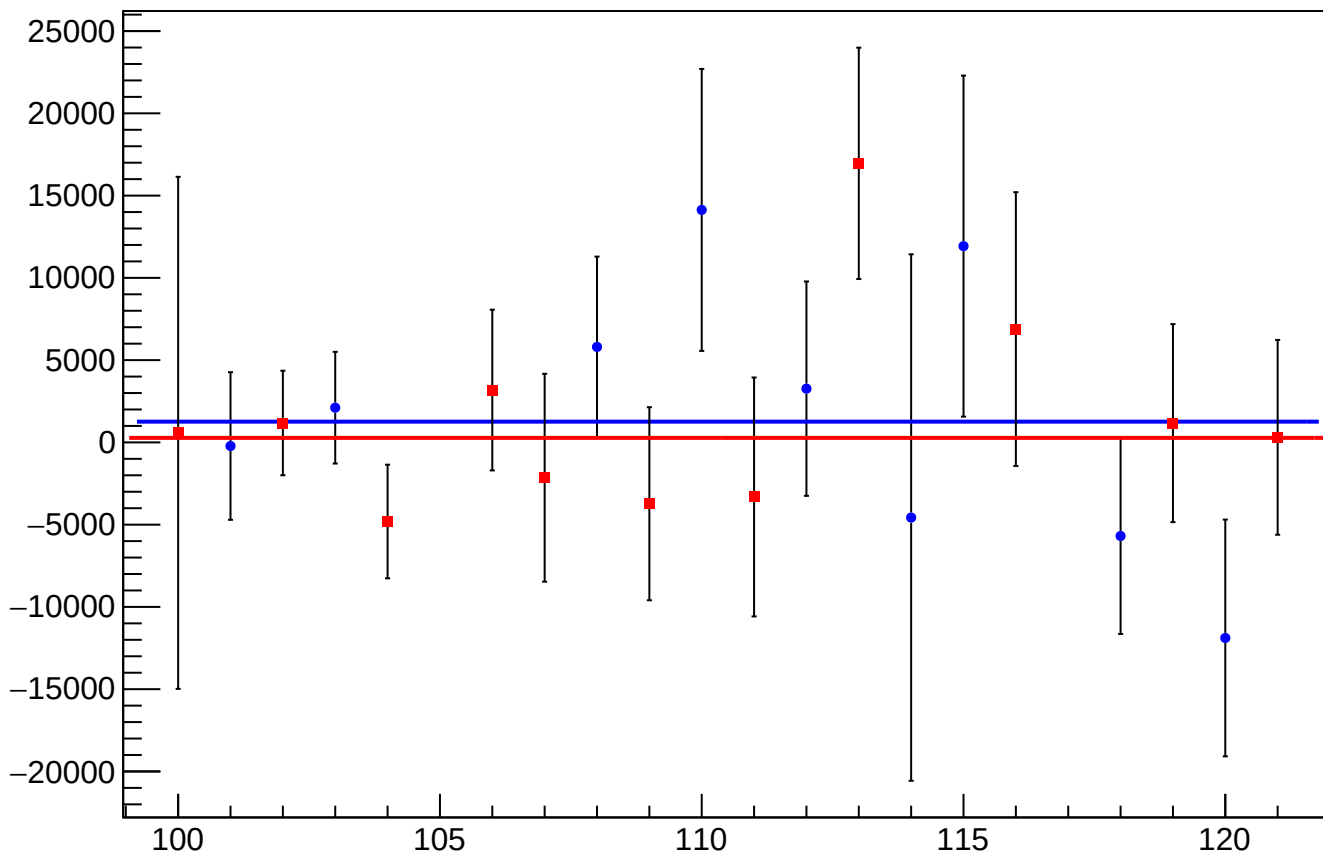
Right: 1864.573+/-0.479 χ^2/NDF : 832288.6/19

In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.573+/-0.479 χ^2/NDF : 832288.6/19

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.305+/-1933.287 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.528+/-1595.224 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

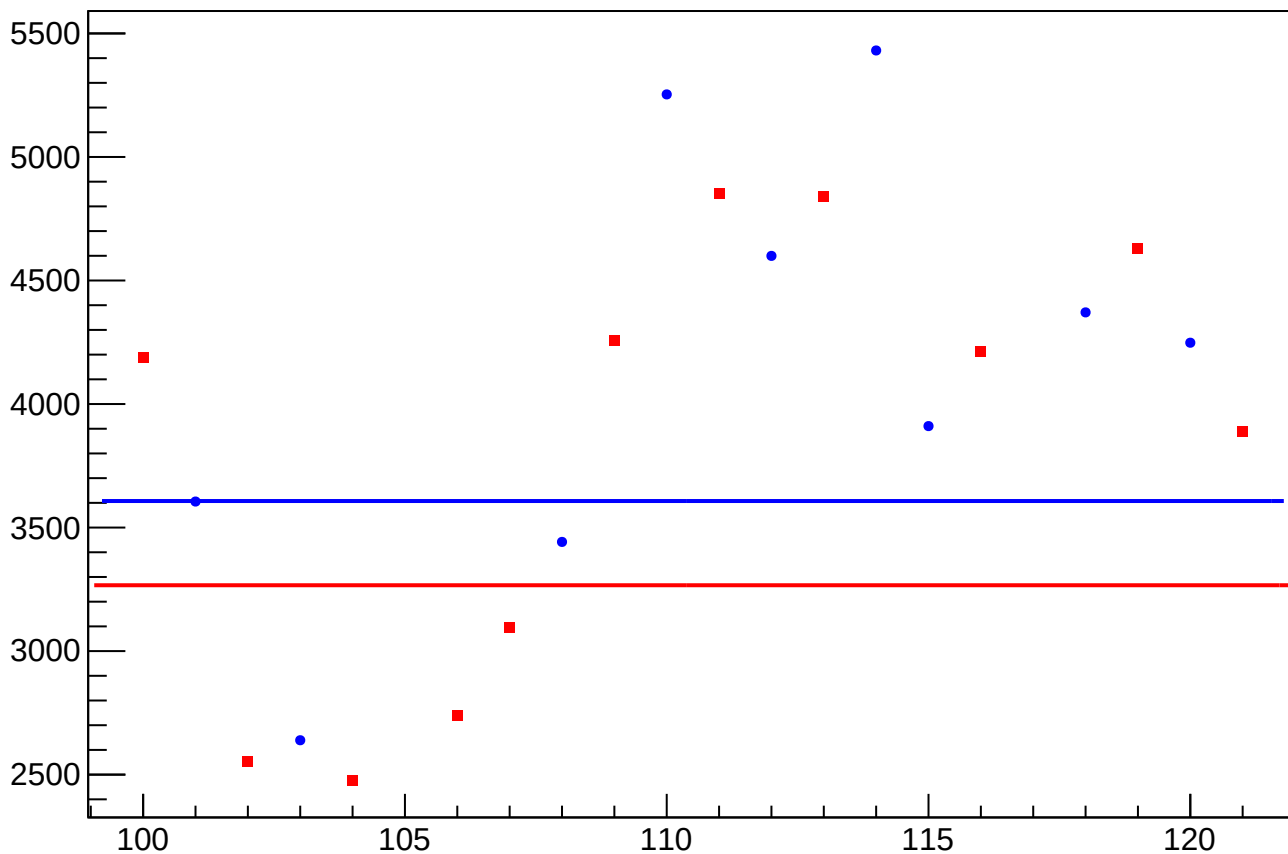
Right: 673.829+/-1230.431 χ^2/NDF : 19.0/19

In: 1260.305+/-1933.287 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.829+/-1230.431 χ^2/NDF : 19.0/19

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3607.429+/-1.367 χ^2/NDF : 361105.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3266.535+/-1.128 χ^2/NDF : 640415.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

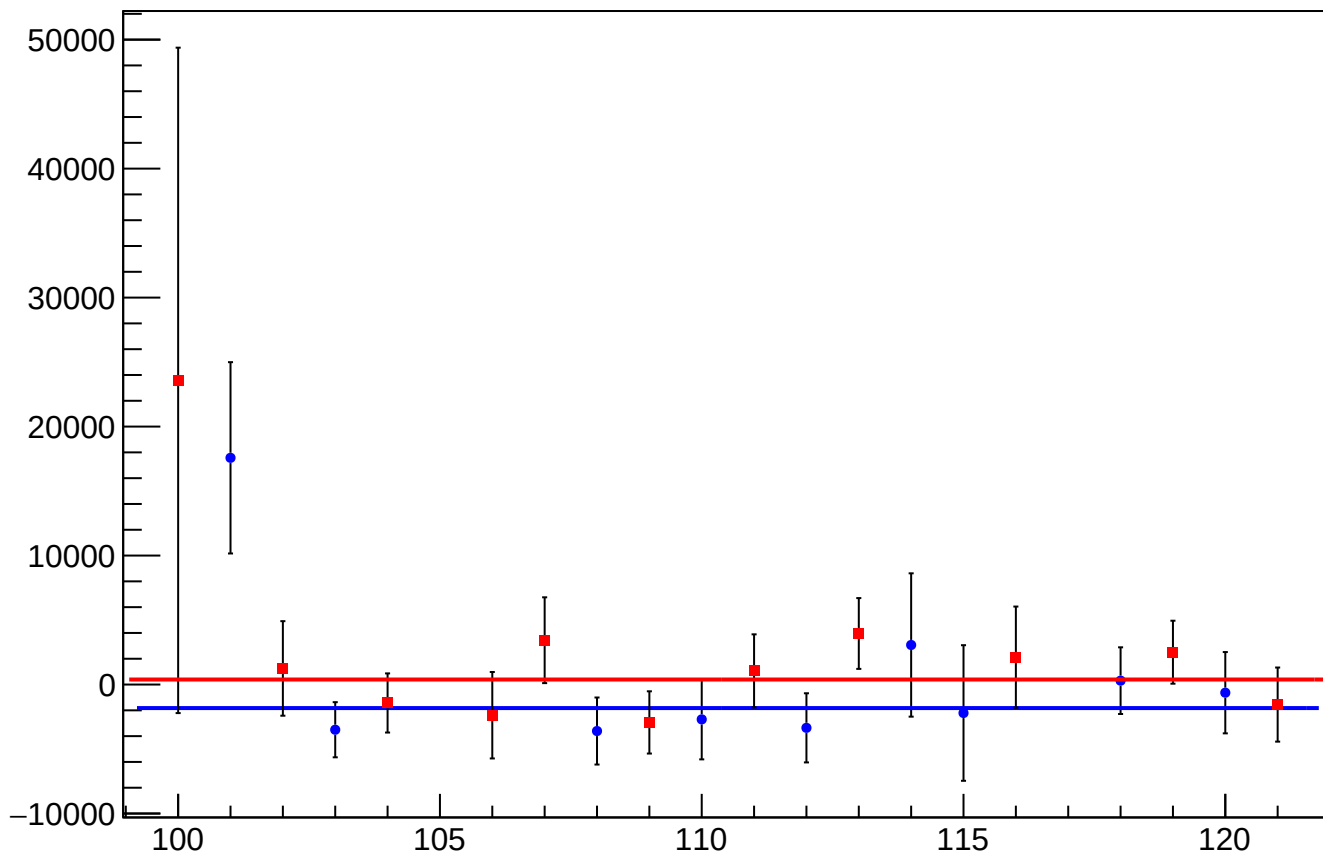
Right: 3404.618+/-0.870 χ^2/NDF : 1038516.5/19

In: 3607.429+/-1.367 χ^2/NDF : 361105.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3404.618+/-0.870 χ^2/NDF : 1038516.5/19

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1824.408 ± 1027.525 χ^2/NDF : 9.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 390.002 ± 902.126 χ^2/NDF : 8.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

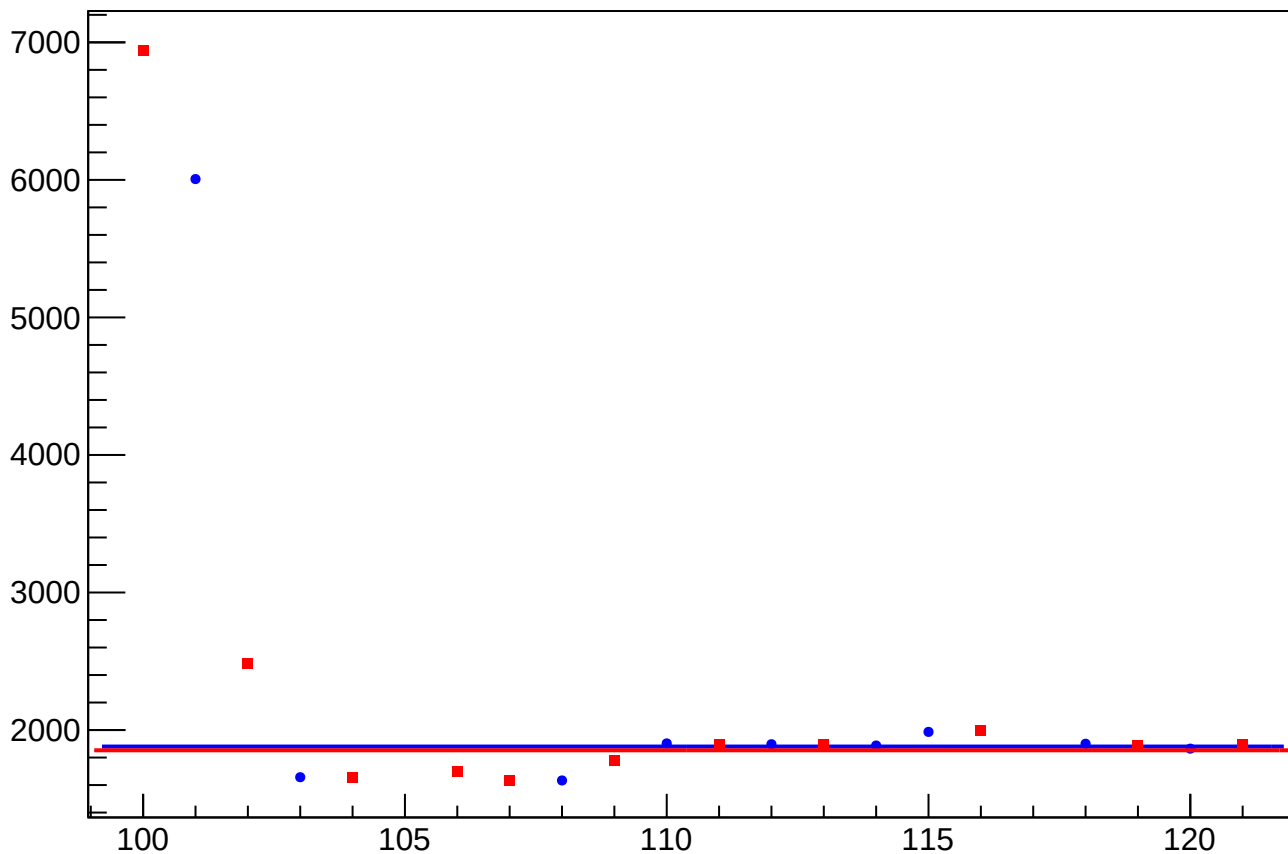
Right: -573.905 ± 677.924 χ^2/NDF : 20.6/19

In: -1824.408 ± 1027.525 χ^2/NDF : 9.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -573.905 ± 677.924 χ^2/NDF : 20.6/19

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.726+/-0.637 χ^2/NDF : 171501.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

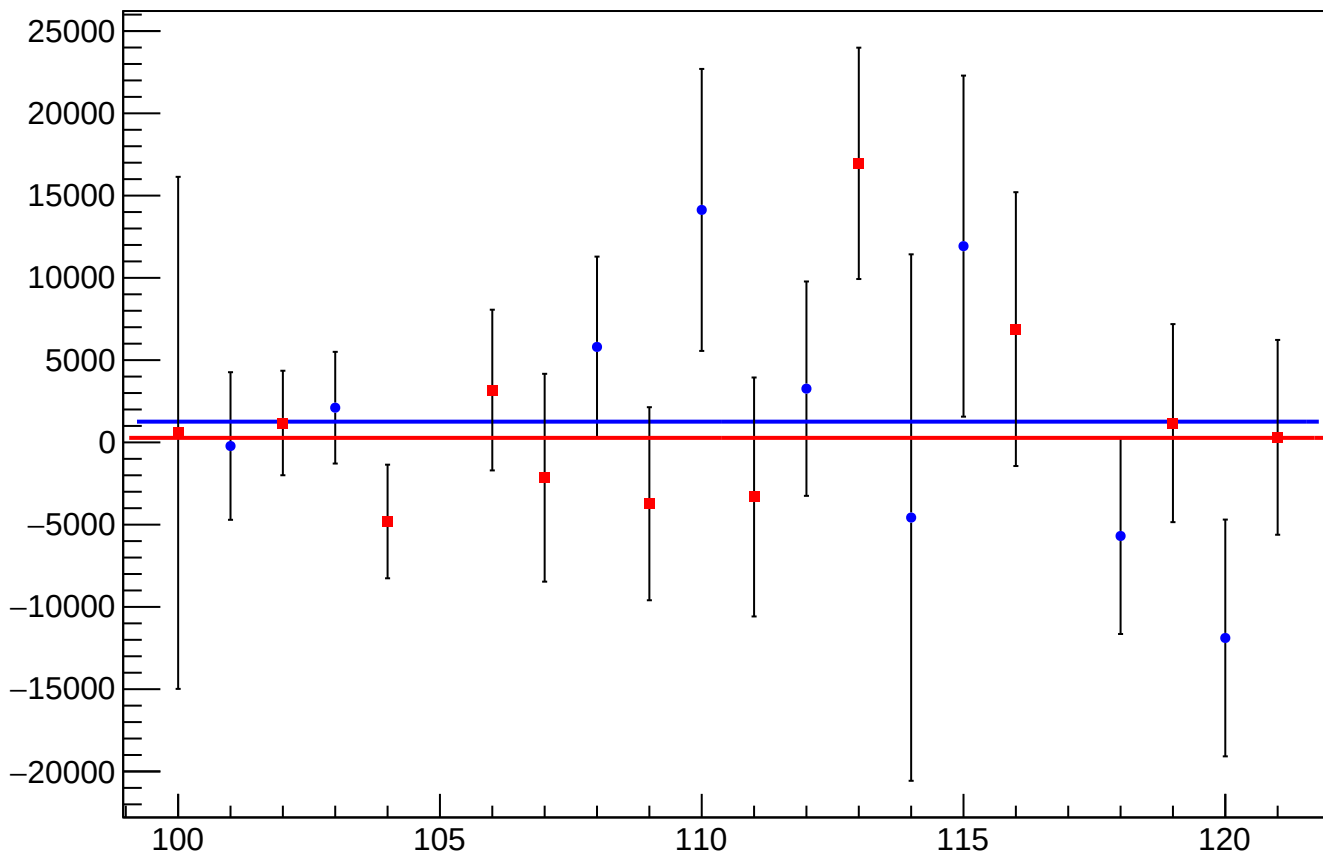
Right: 1864.573+/-0.479 χ^2/NDF : 832288.6/19

In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.573+/-0.479 χ^2/NDF : 832288.6/19

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.303+/-1933.285 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.527+/-1595.221 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

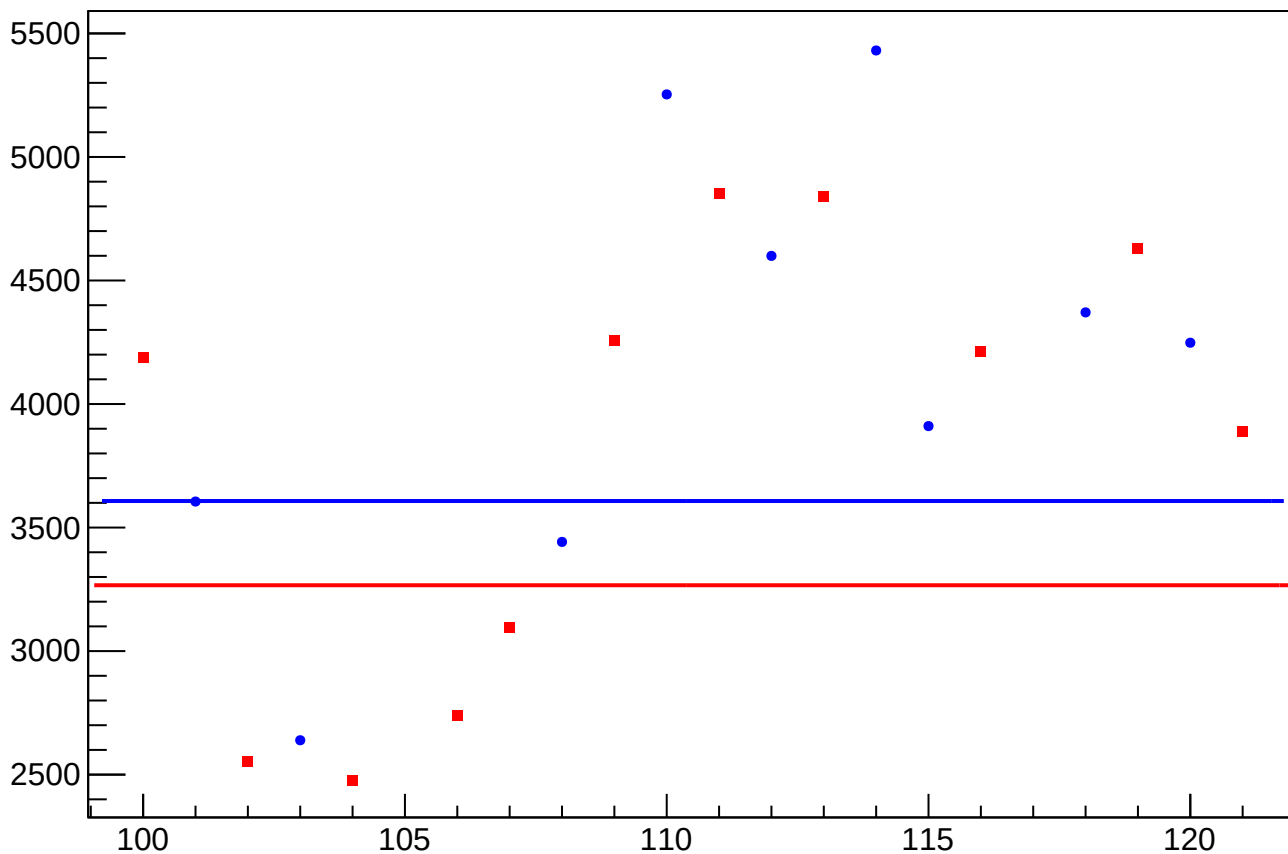
Right: 673.828+/-1230.430 χ^2/NDF : 19.0/19

In: 1260.303+/-1933.285 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.828+/-1230.430 χ^2/NDF : 19.0/19

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3607.426+/-1.367 χ^2/NDF : 361102.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3266.531+/-1.128 χ^2/NDF : 640410.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

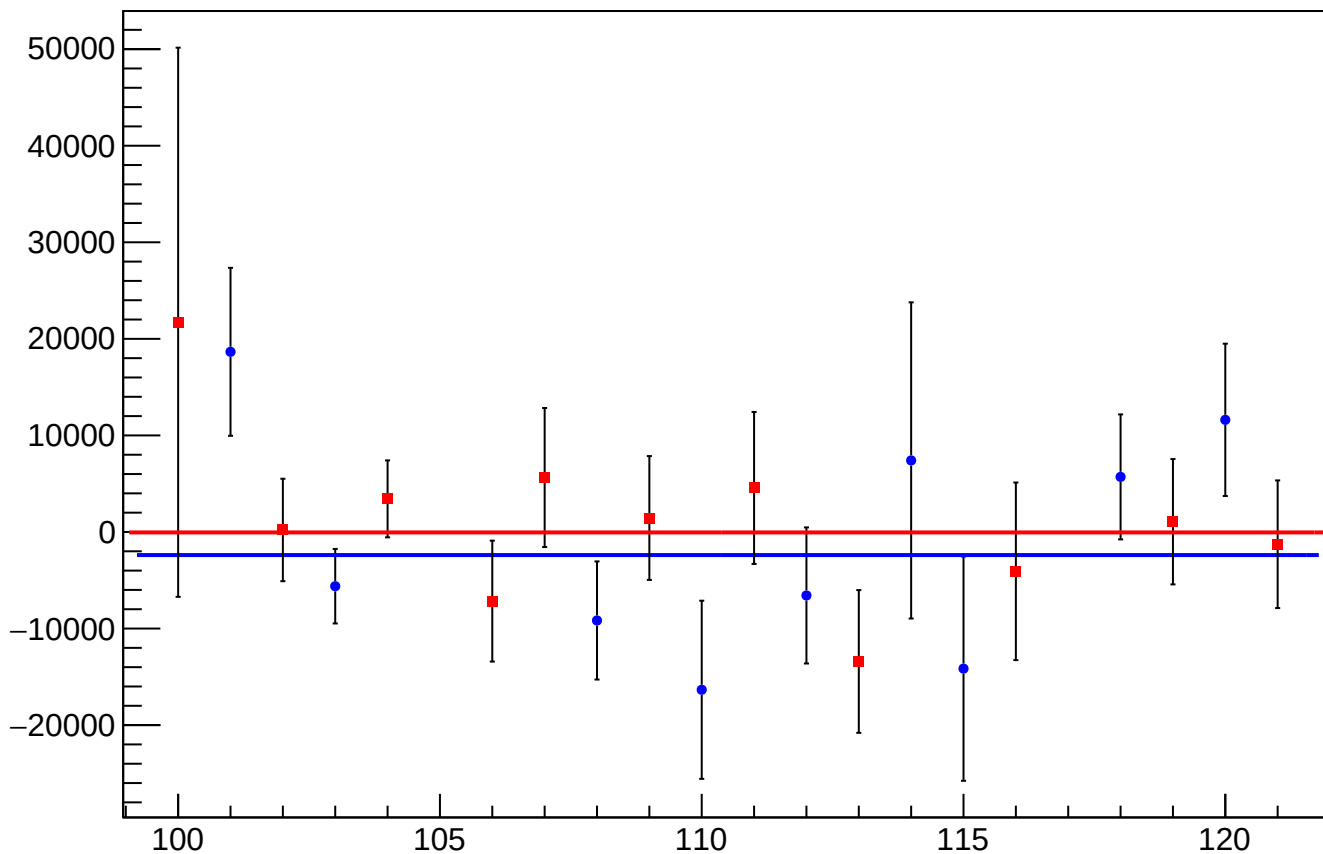
Right: 3404.615+/-0.870 χ^2/NDF : 1038508.6/19

In: 3607.426+/-1.367 χ^2/NDF : 361102.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3404.615+/-0.870 χ^2/NDF : 1038508.6/19

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2390.820+/-2293.322 χ^2/NDF : 16.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.704+/-1954.452 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

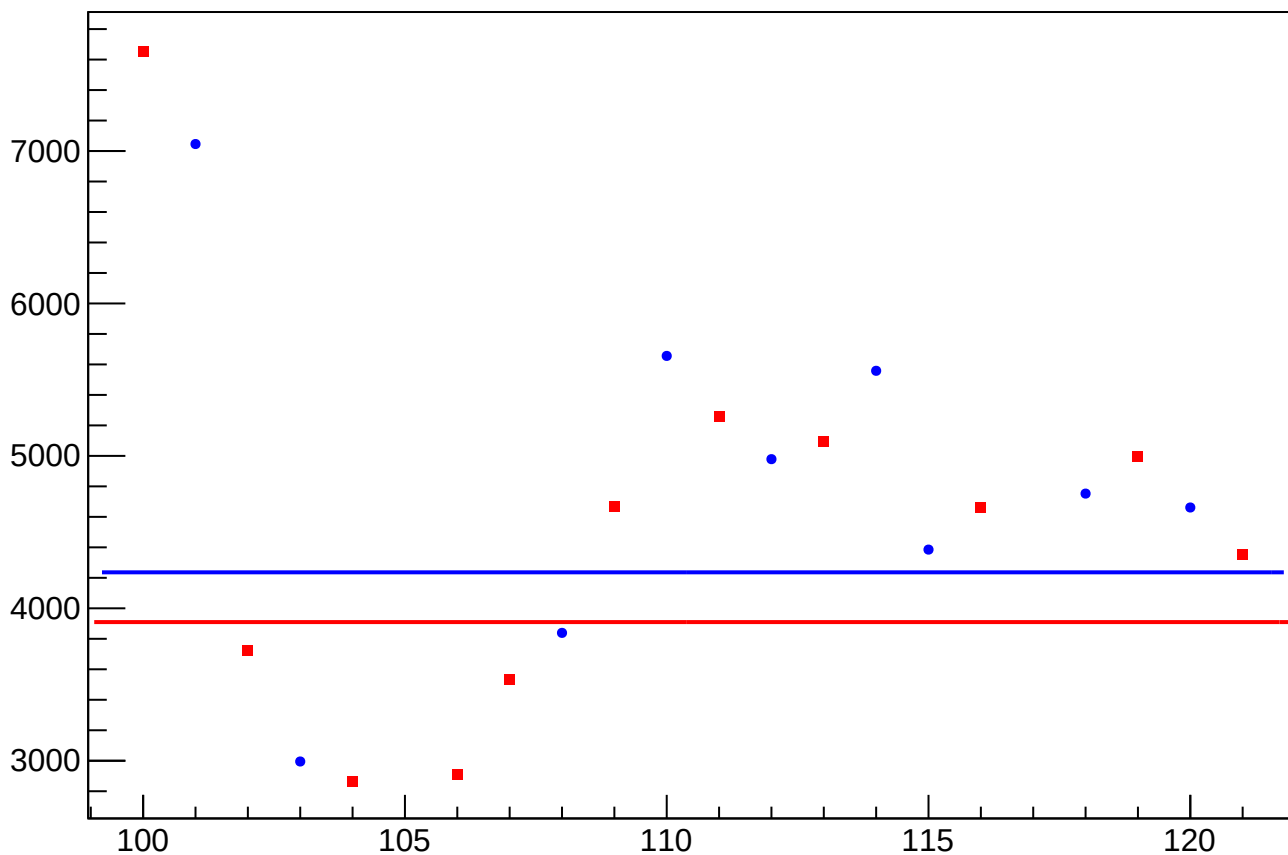
Right: -1032.941+/-1487.531 χ^2/NDF : 24.3/19

In: -2390.820+/-2293.322 χ^2/NDF : 16.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1032.941+/-1487.531 χ^2/NDF : 24.3/19

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4236.091+/-1.622 χ^2/NDF : 525685.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3909.682+/-1.366 χ^2/NDF : 460410.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

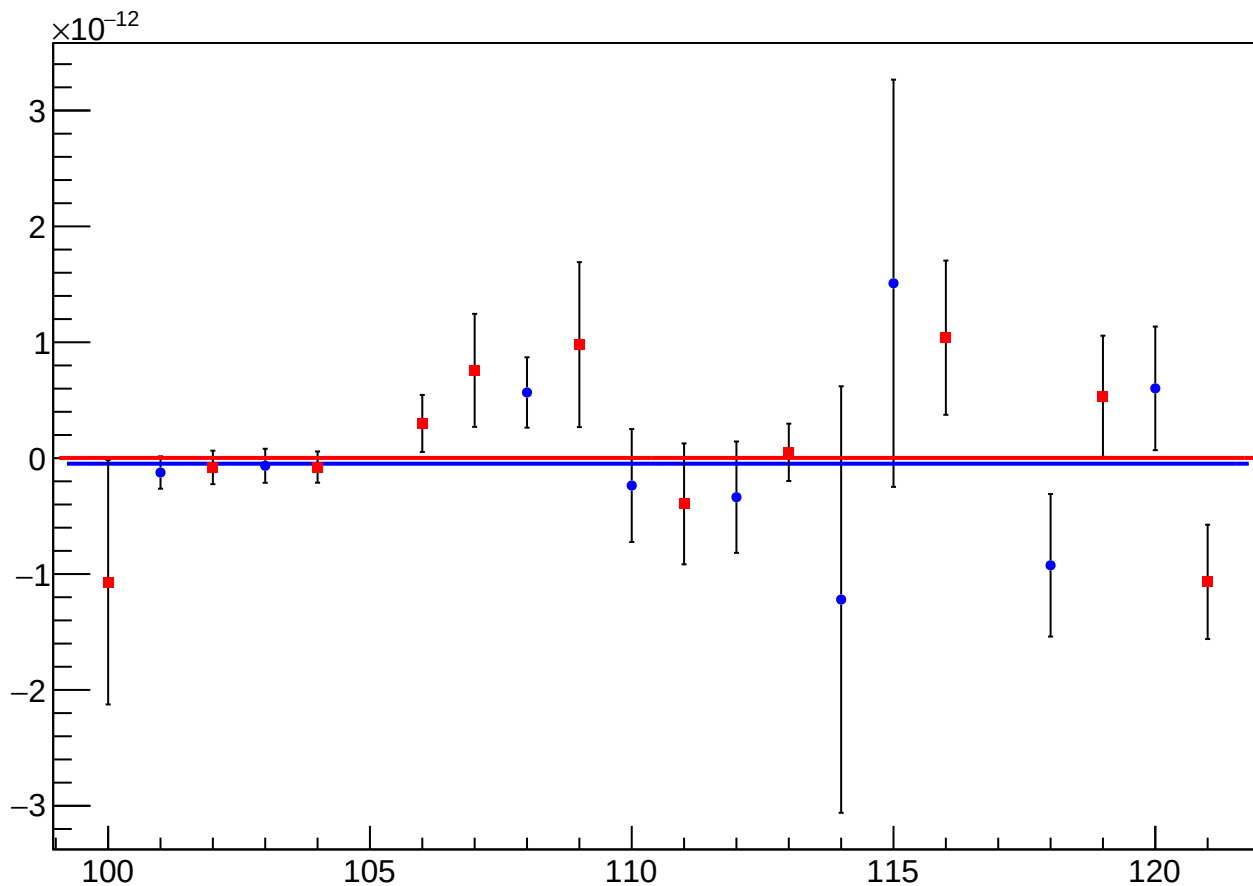
Right: 4045.131+/-1.045 χ^2/NDF : 1009799.3/19

In: 4236.091+/-1.622 χ^2/NDF : 525685.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4045.131+/-1.045 χ^2/NDF : 1009799.3/19

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

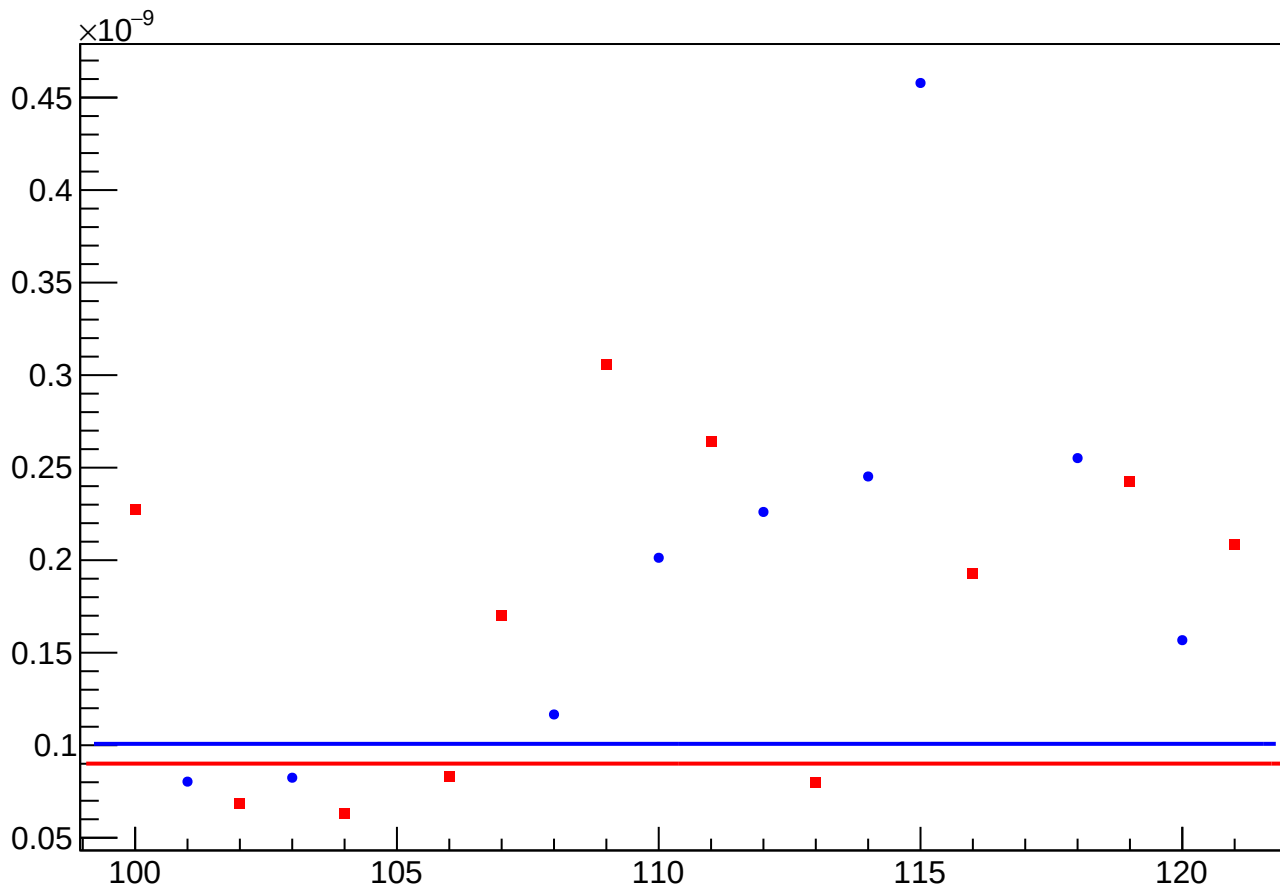
Right: -0.000+/-0.000 χ^2/NDF : 26.0/19

In: -0.000+/-0.000 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.0/19

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 543753.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 956940.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

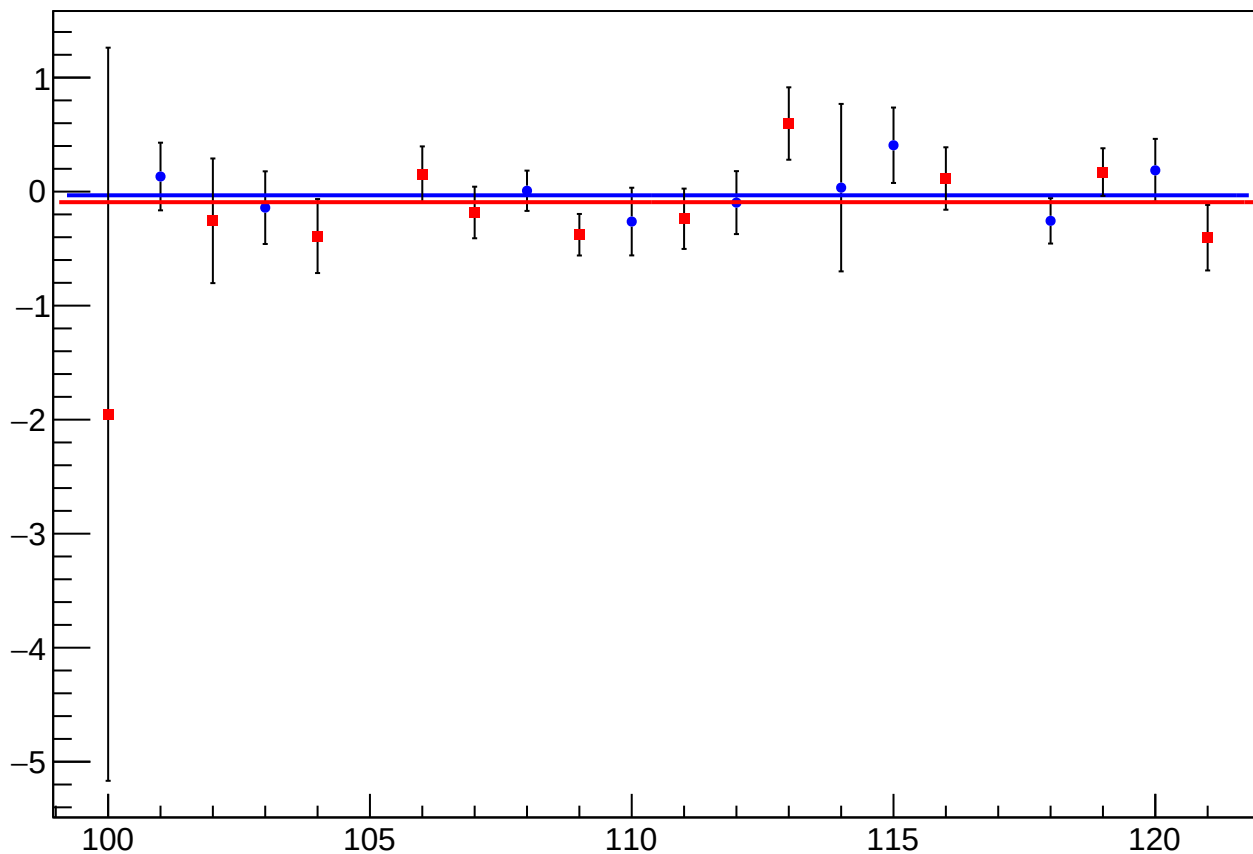
Right: 0.000+/-0.000 χ^2/NDF : 1516496.6/19

In: 0.000+/-0.000 χ^2/NDF : 543753.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1516496.6/19

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.089 χ^2 /NDF: 4.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.093+/-0.081 χ^2 /NDF: 13.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

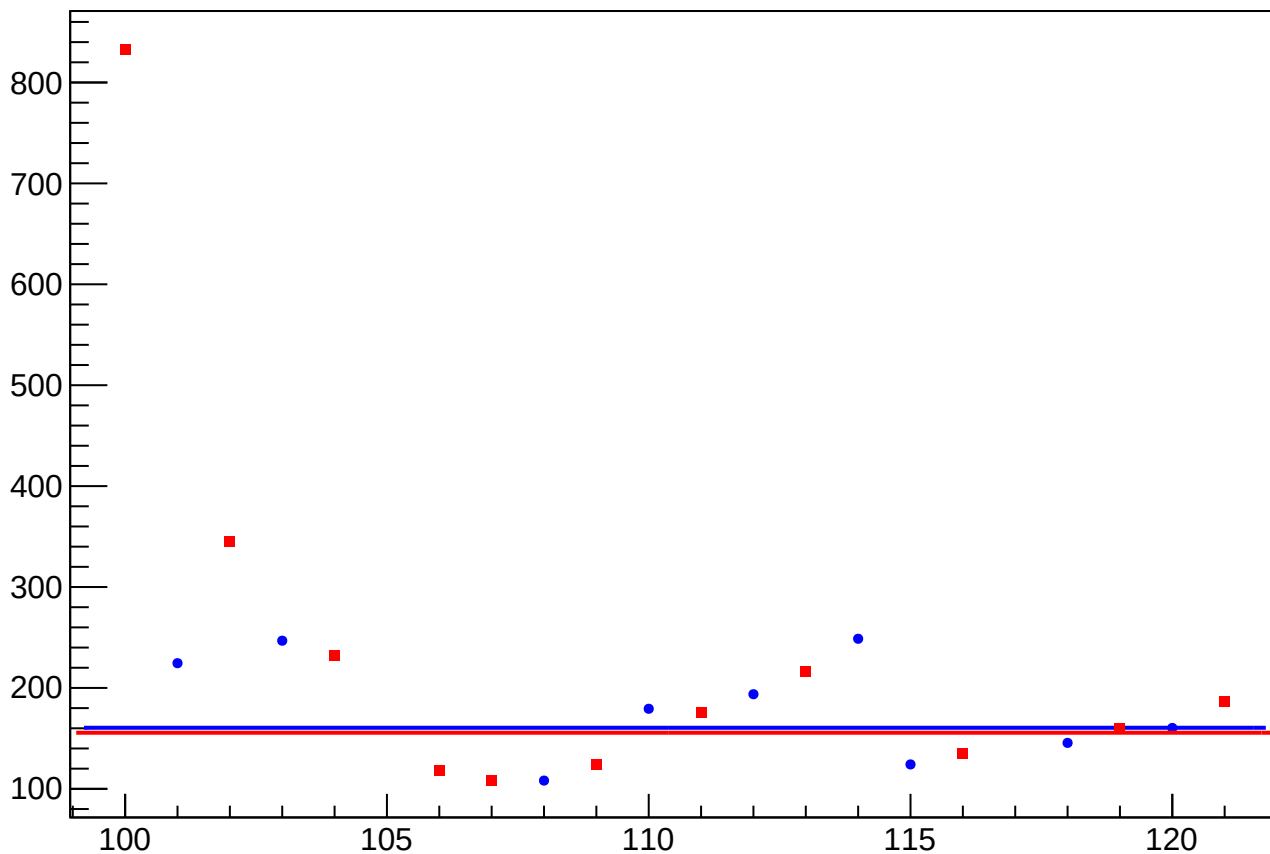
Right: -0.065+/-0.060 χ^2 /NDF: 18.3/19

In: -0.032+/-0.089 χ^2 /NDF:4.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.065+/-0.060 χ^2 /NDF: 18.3/19

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.611+/-0.057 χ^2/NDF : 754780.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

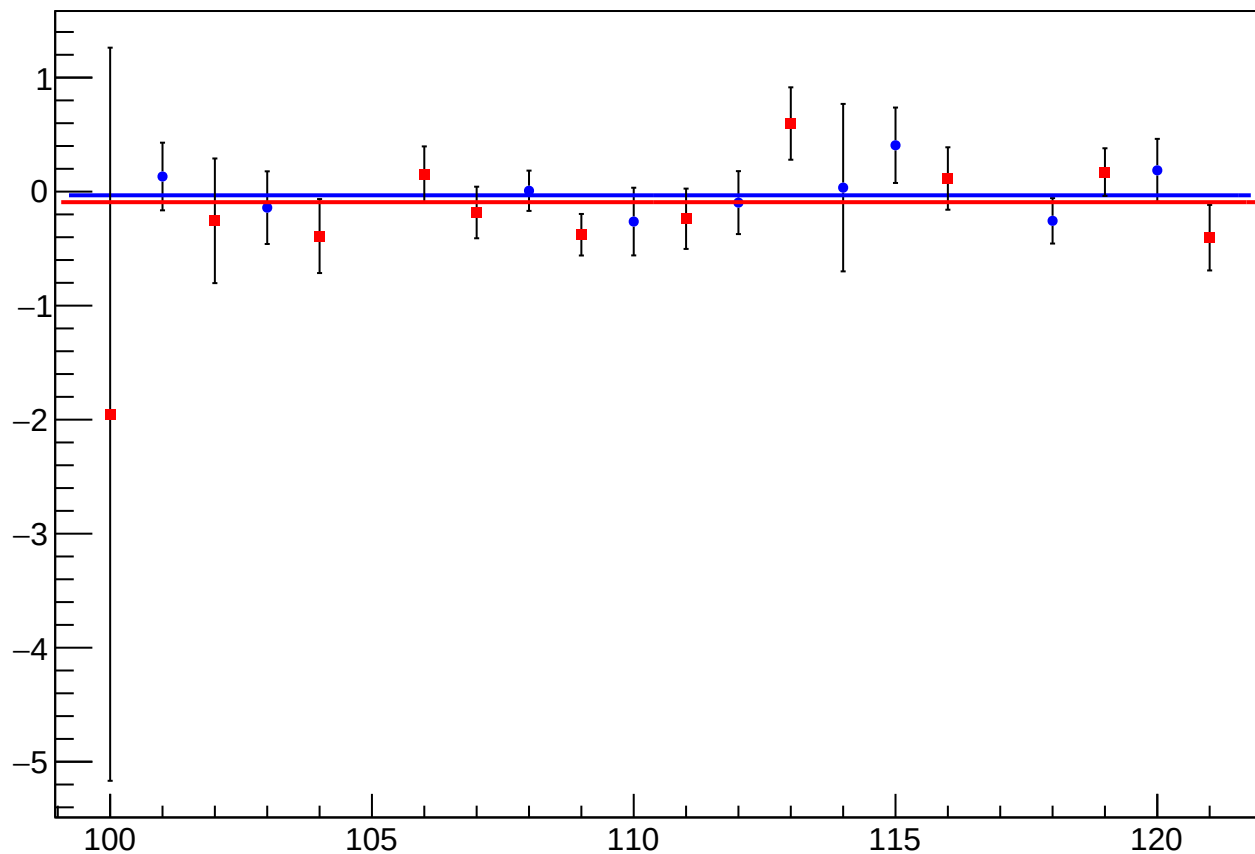
Right: 157.854+/-0.042 χ^2/NDF : 1274680.7/19

In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.854+/-0.042 χ^2/NDF : 1274680.7/19

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.089 χ^2 /NDF: 4.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.093+/-0.081 χ^2 /NDF: 13.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

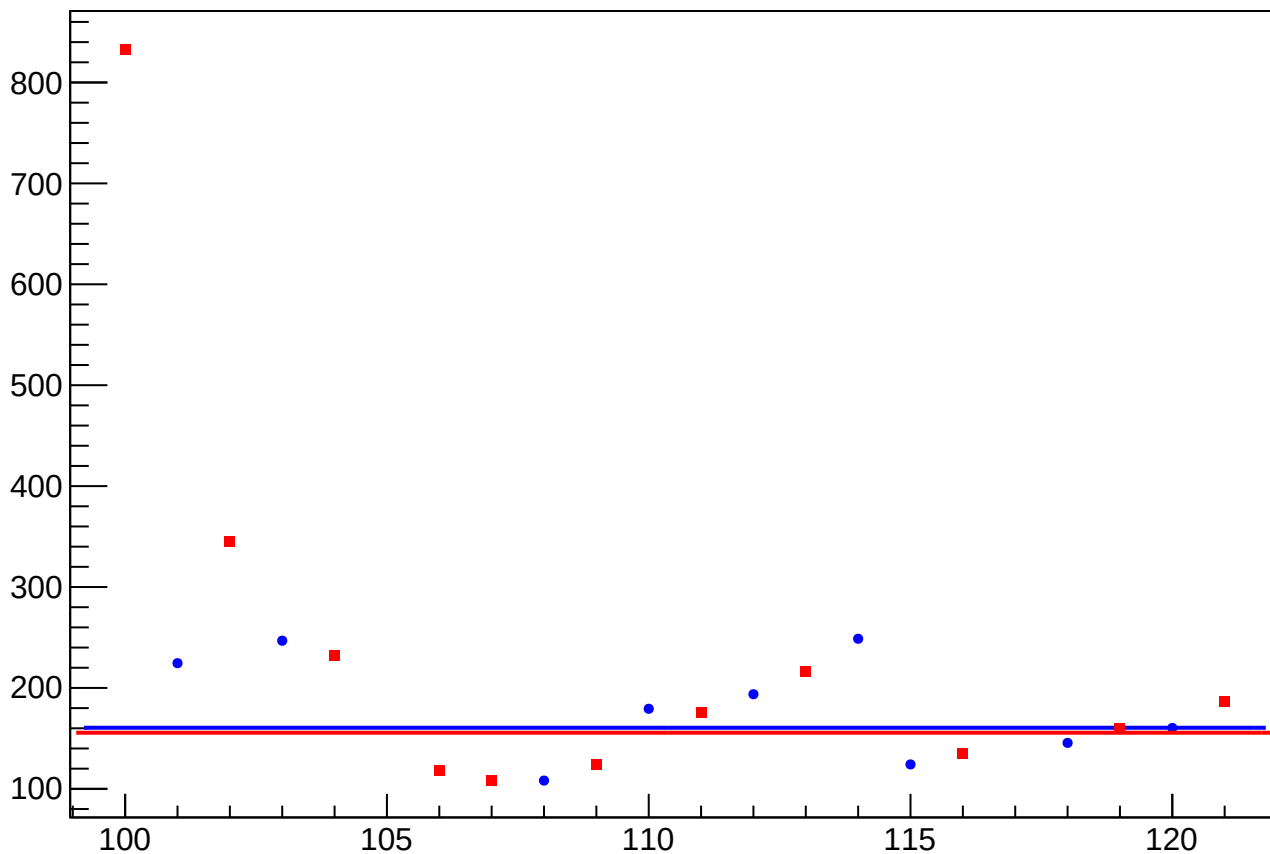
Right: -0.065+/-0.060 χ^2 /NDF: 18.3/19

In: -0.032+/-0.089 χ^2 /NDF:4.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.065+/-0.060 χ^2 /NDF: 18.3/19

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.611+/-0.057 χ^2/NDF : 754780.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

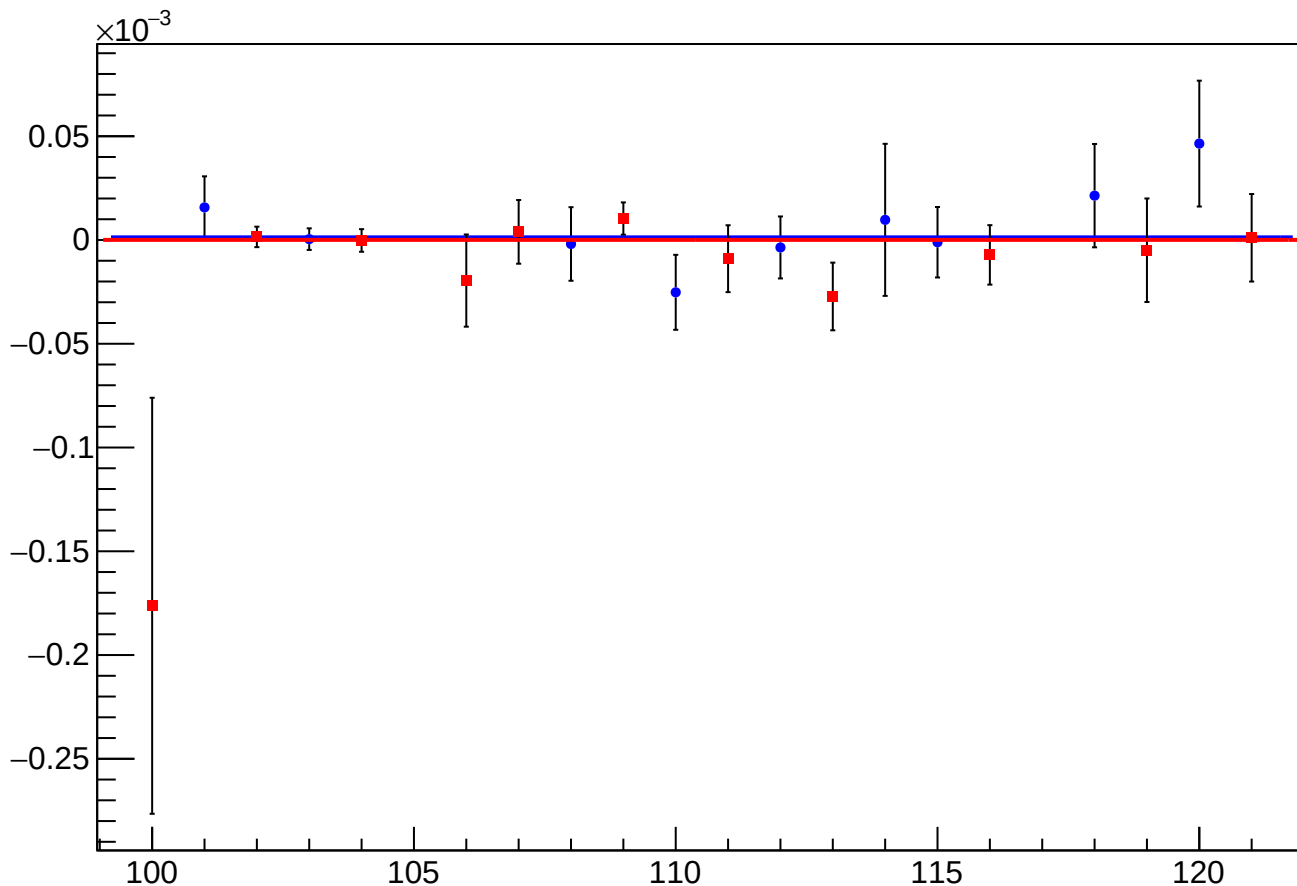
Right: 157.854+/-0.042 χ^2/NDF : 1274680.7/19

In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.854+/-0.042 χ^2/NDF : 1274680.7/19

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

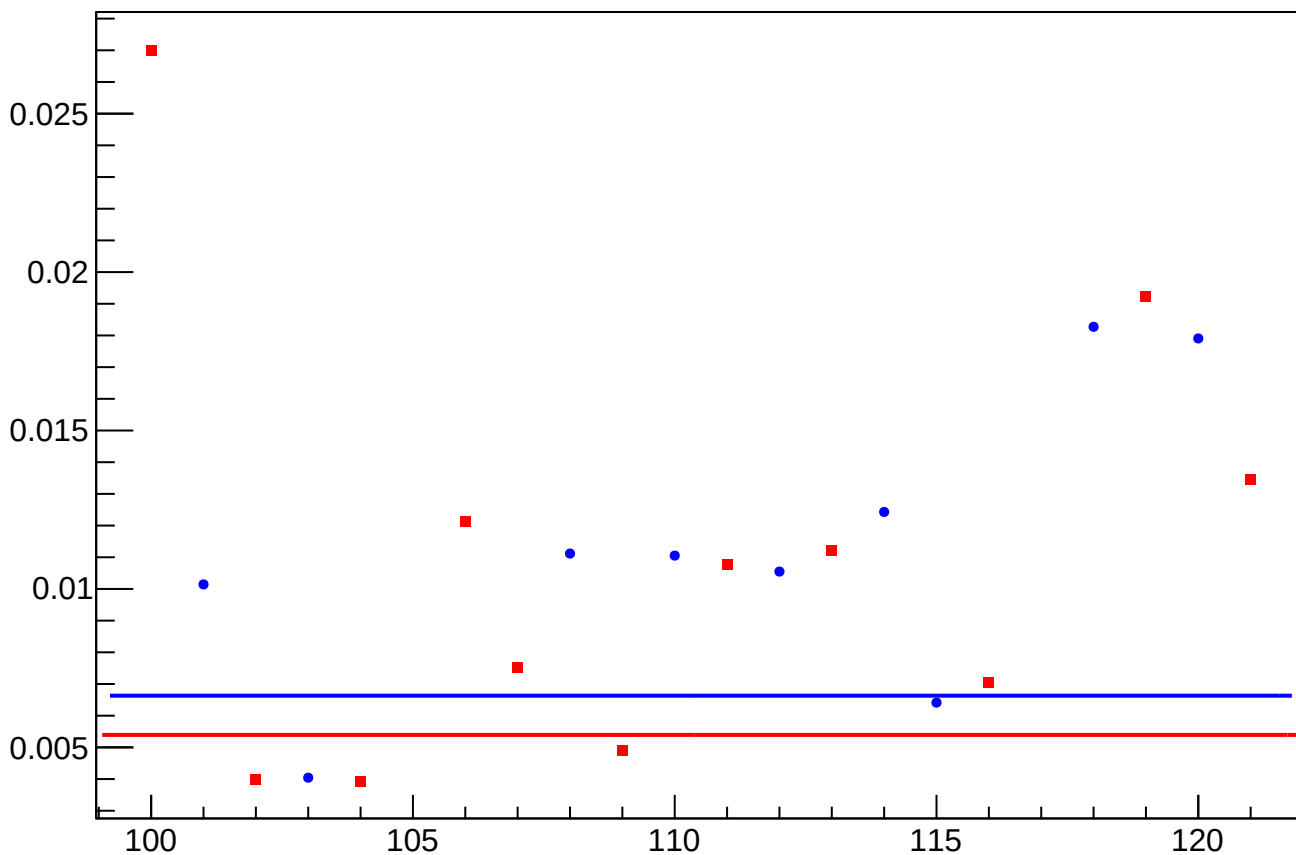
Right: 0.000+/-0.000 χ^2/NDF : 15.4/19

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.4/19

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1754998.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2046305.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

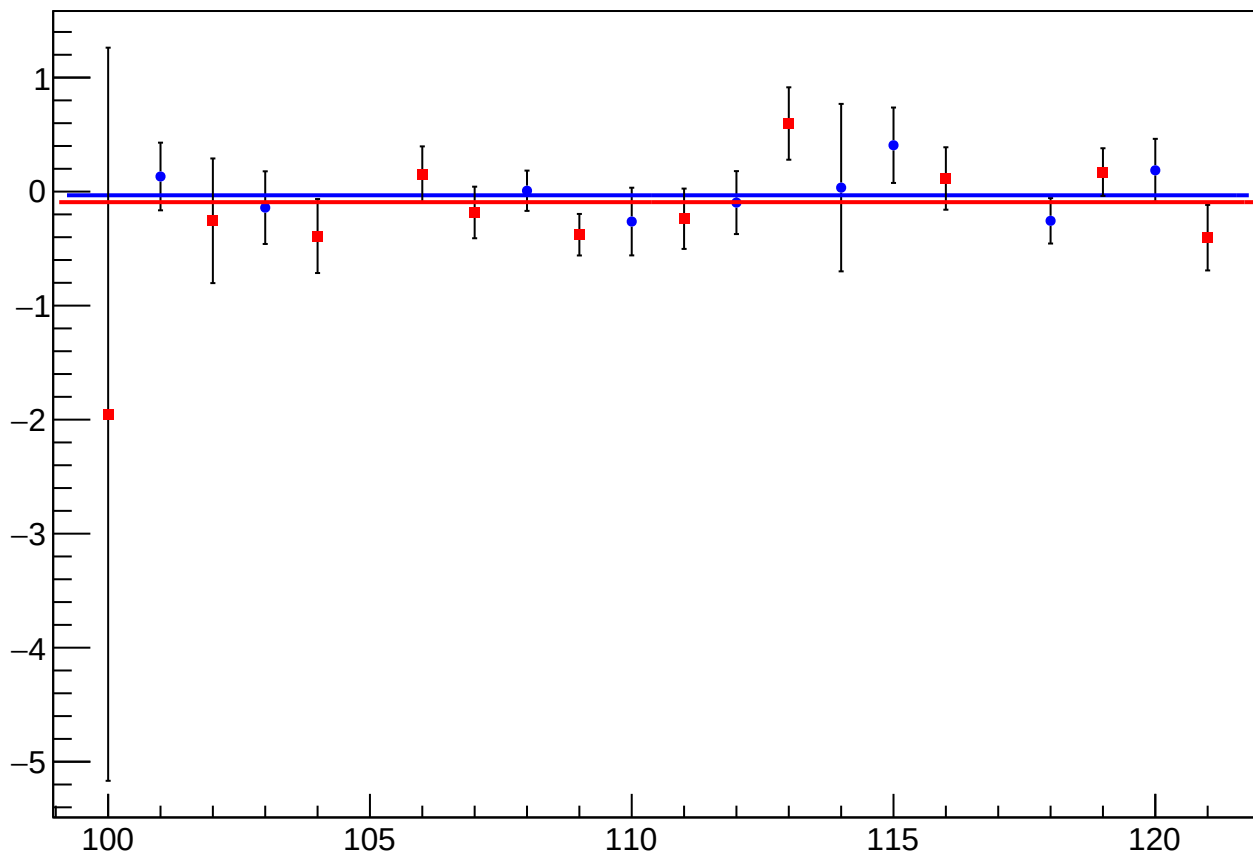
Right: 0.006+/-0.000 χ^2/NDF : 3920631.3/19

In: 0.007+/-0.000 χ^2/NDF : 1754998.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3920631.3/19

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.032+/-0.089 χ^2 /NDF: 4.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.093+/-0.081 χ^2 /NDF: 13.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

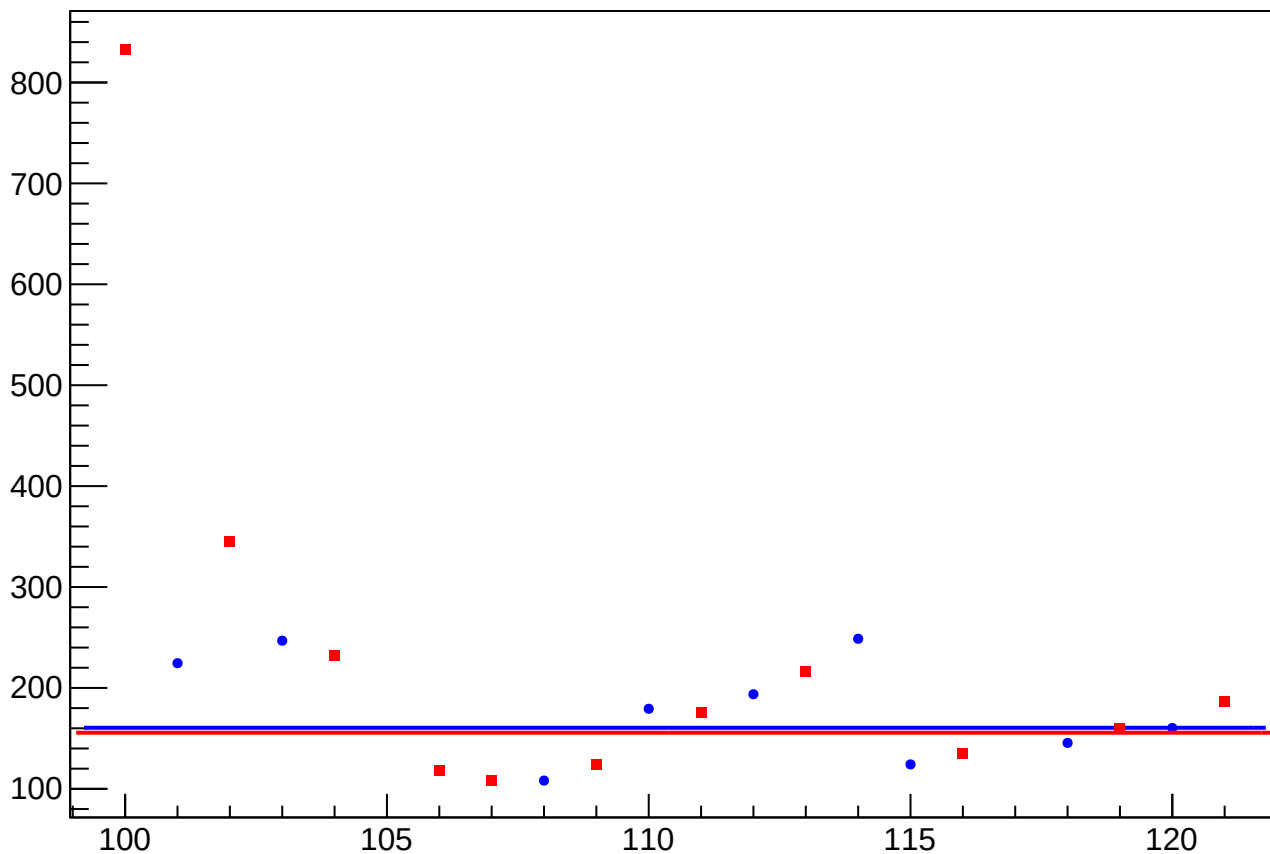
Right: -0.065+/-0.060 χ^2 /NDF: 18.3/19

In: -0.032+/-0.089 χ^2 /NDF:4.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.065+/-0.060 χ^2 /NDF: 18.3/19

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.611+/-0.057 χ^2/NDF : 754783.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

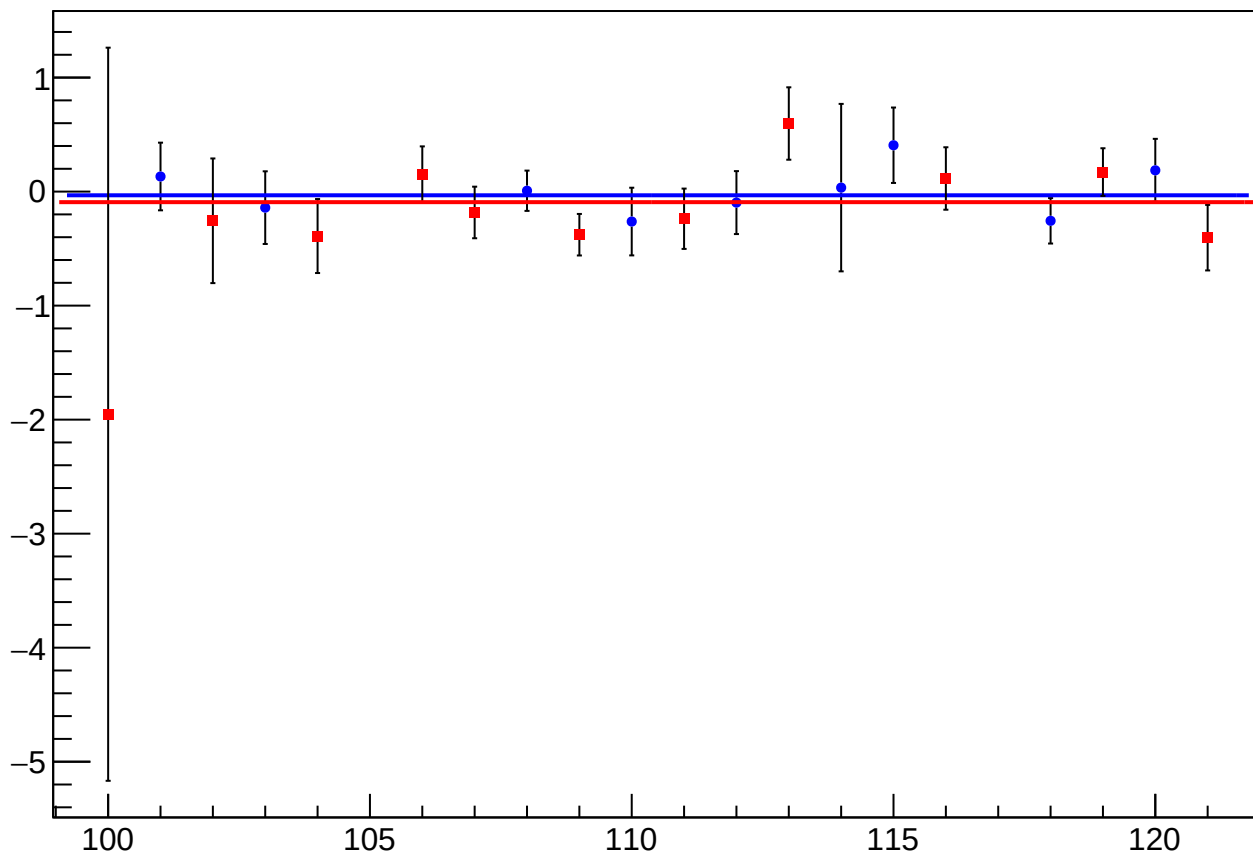
Right: 157.853+/-0.042 χ^2/NDF : 1274725.2/19

In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.853+/-0.042 χ^2/NDF : 1274725.2/19

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.081 χ^2/NDF : 13.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

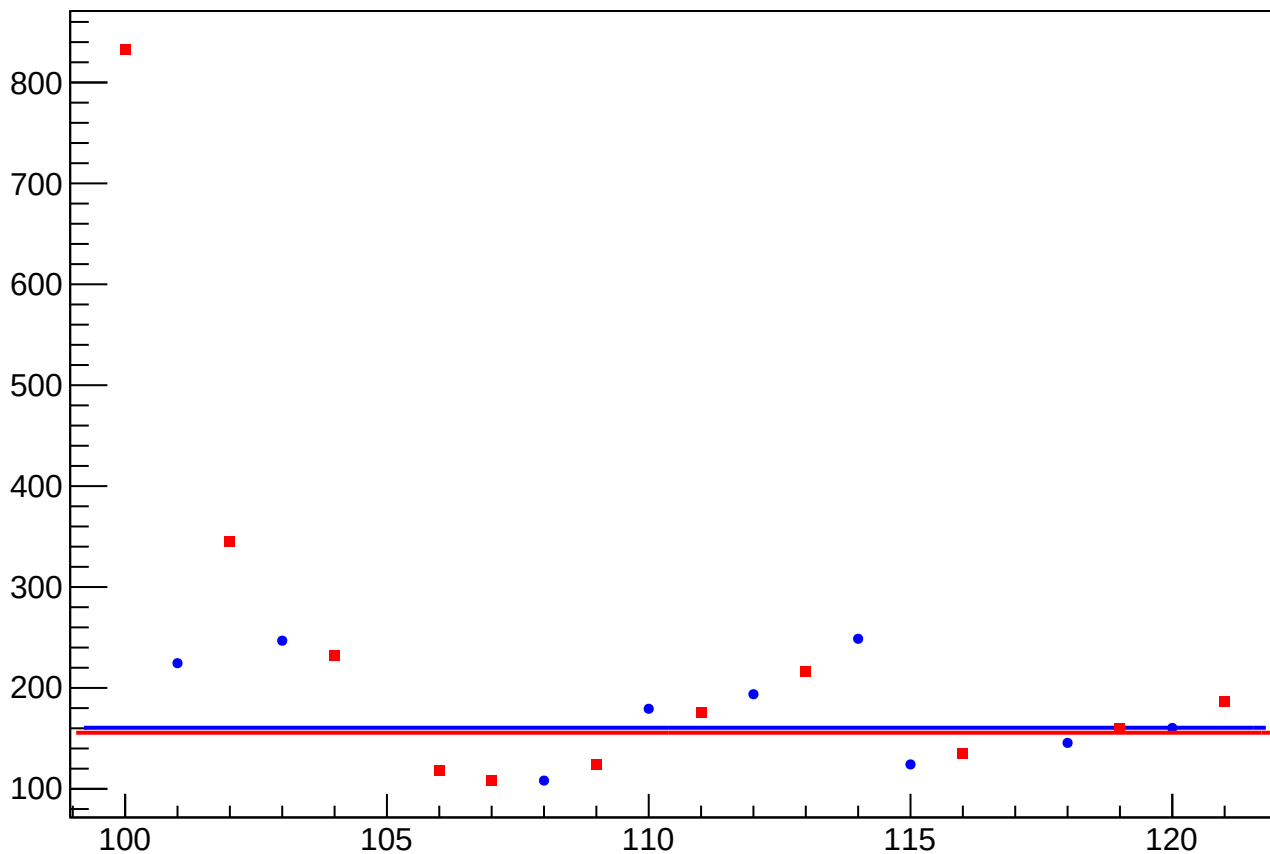
Right: -0.065 ± 0.060 χ^2/NDF : 18.3/19

In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.060 χ^2/NDF : 18.3/19

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.611+/-0.057 χ^2/NDF : 754783.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

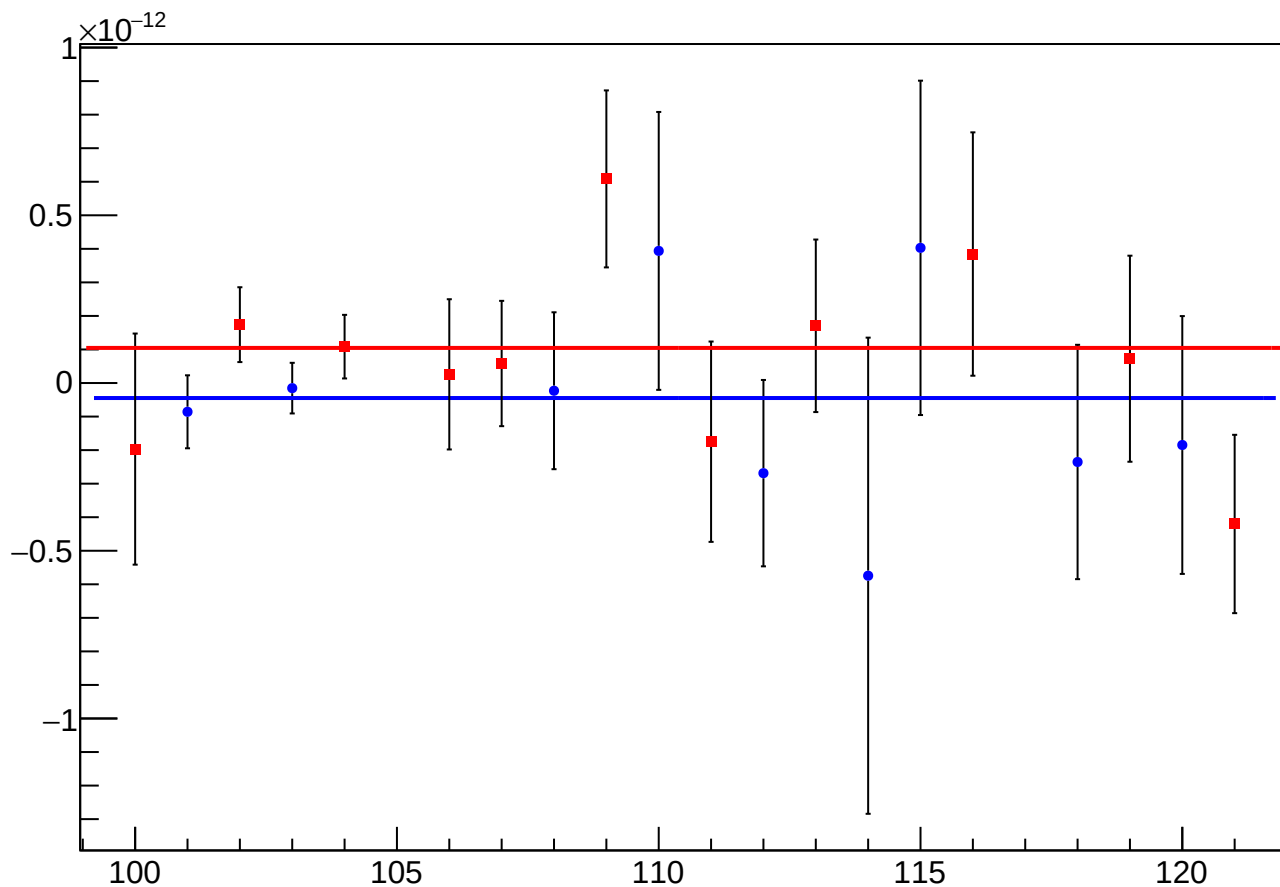
Right: 157.853+/-0.042 χ^2/NDF : 1274725.2/19

In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.853+/-0.042 χ^2/NDF : 1274725.2/19

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

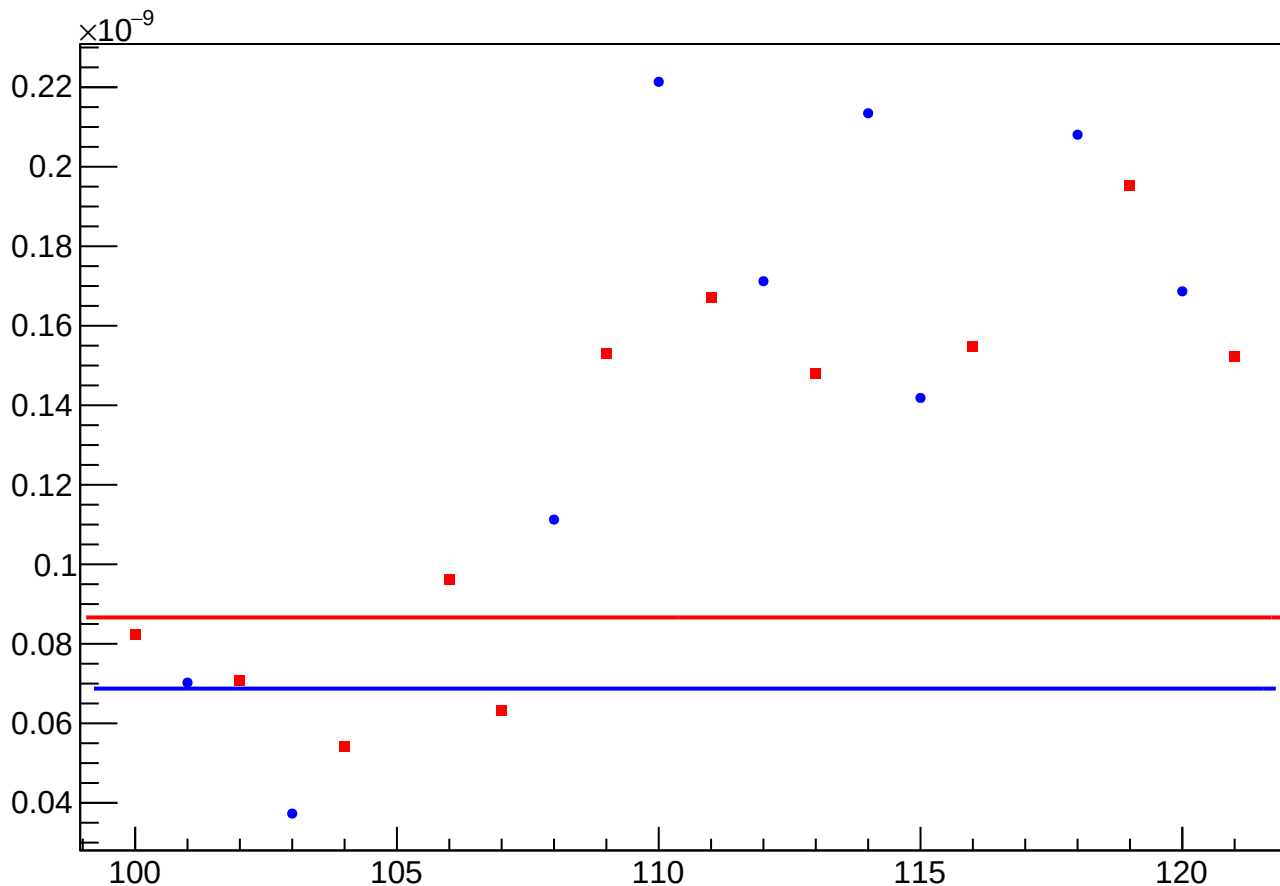
Right: 0.000+/-0.000 χ^2/NDF : 17.9/19

In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.9/19

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1536873.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1136980.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

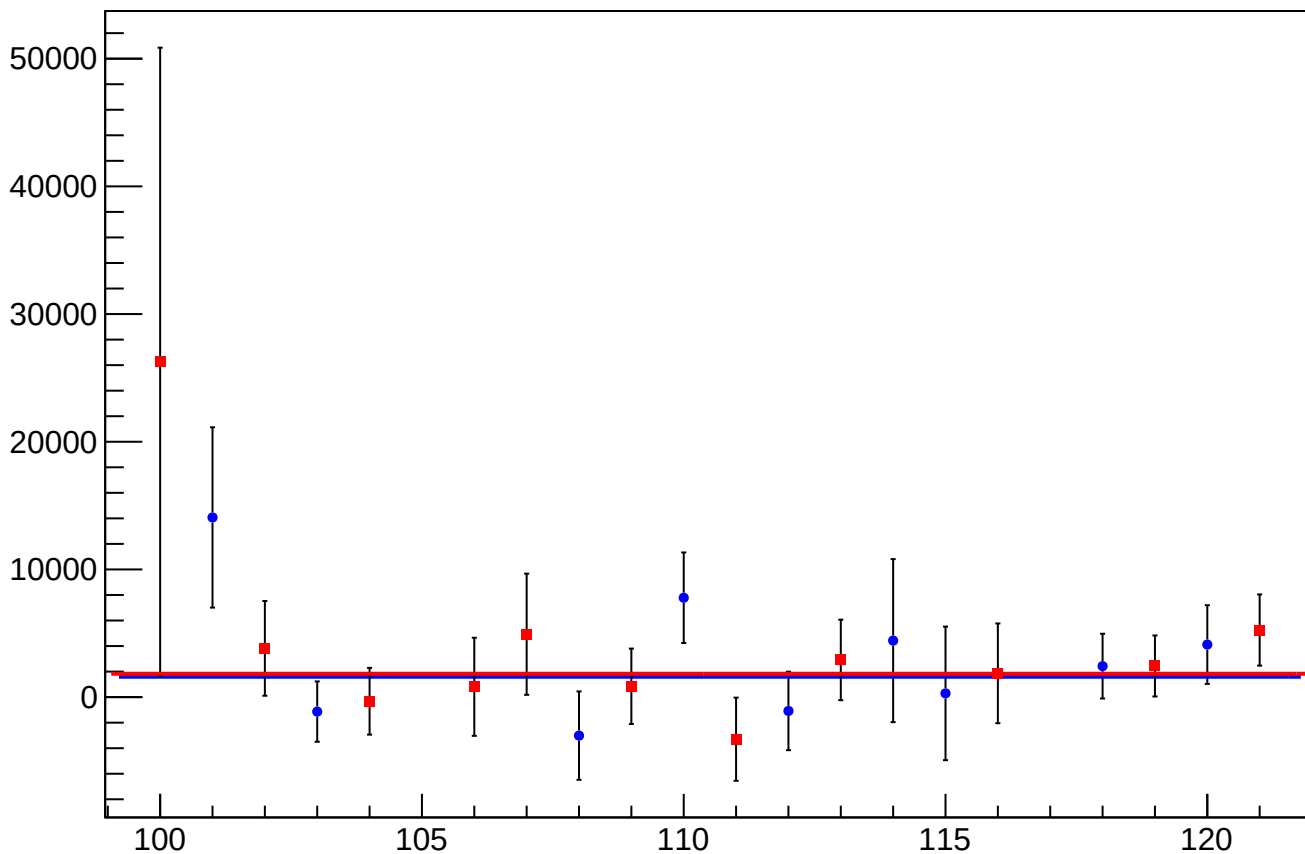
Right: 0.000+/-0.000 χ^2/NDF : 2776353.4/19

In: 0.000+/-0.000 χ^2/NDF : 1536873.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2776353.4/19

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1597.897+/-1125.178 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.950+/-994.107 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

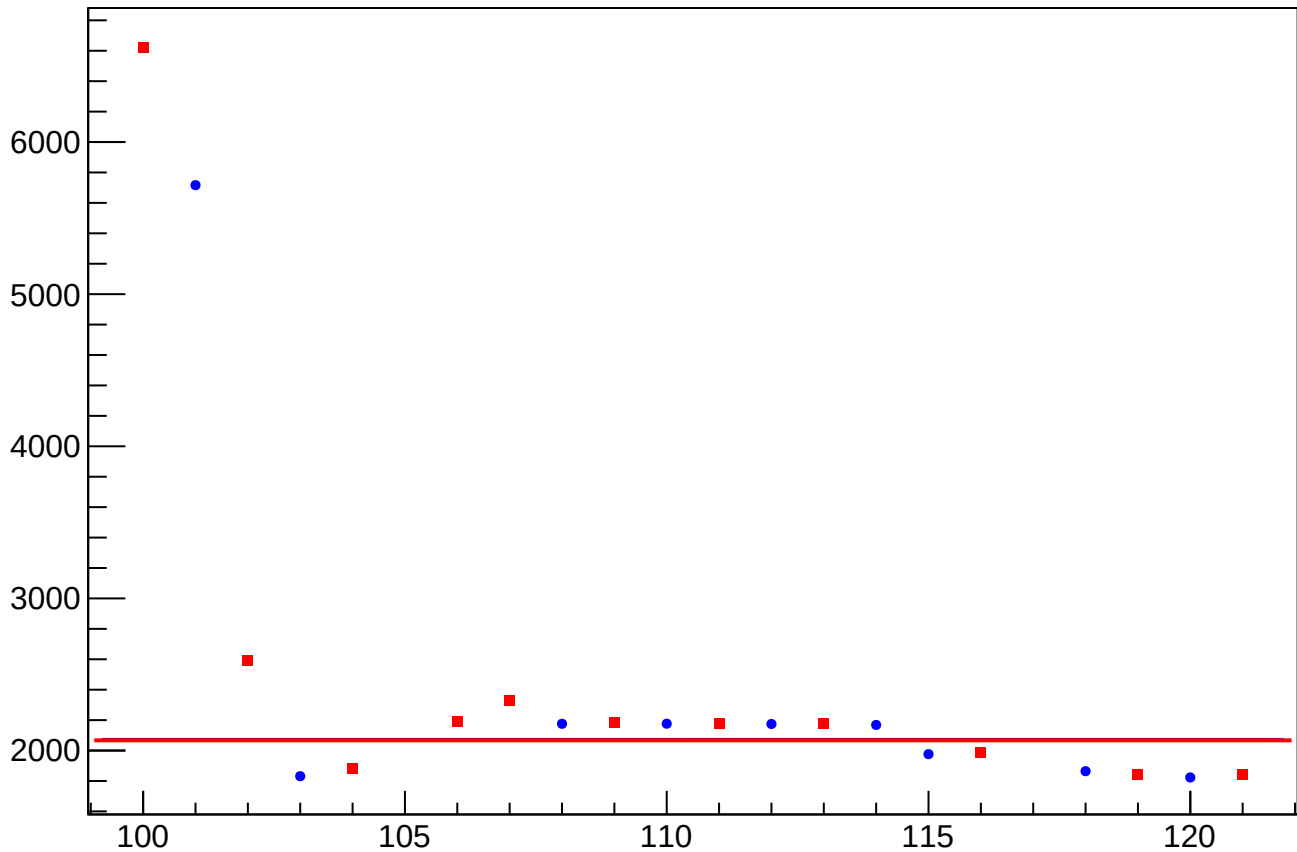
Right: 1728.782+/-744.991 χ^2/NDF : 17.8/19

In: 1597.897+/-1125.178 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.782+/-744.991 χ^2/NDF : 17.8/19

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2069.782+/-0.796 χ^2/NDF : 587114.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2067.084+/-0.703 χ^2/NDF : 166351.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

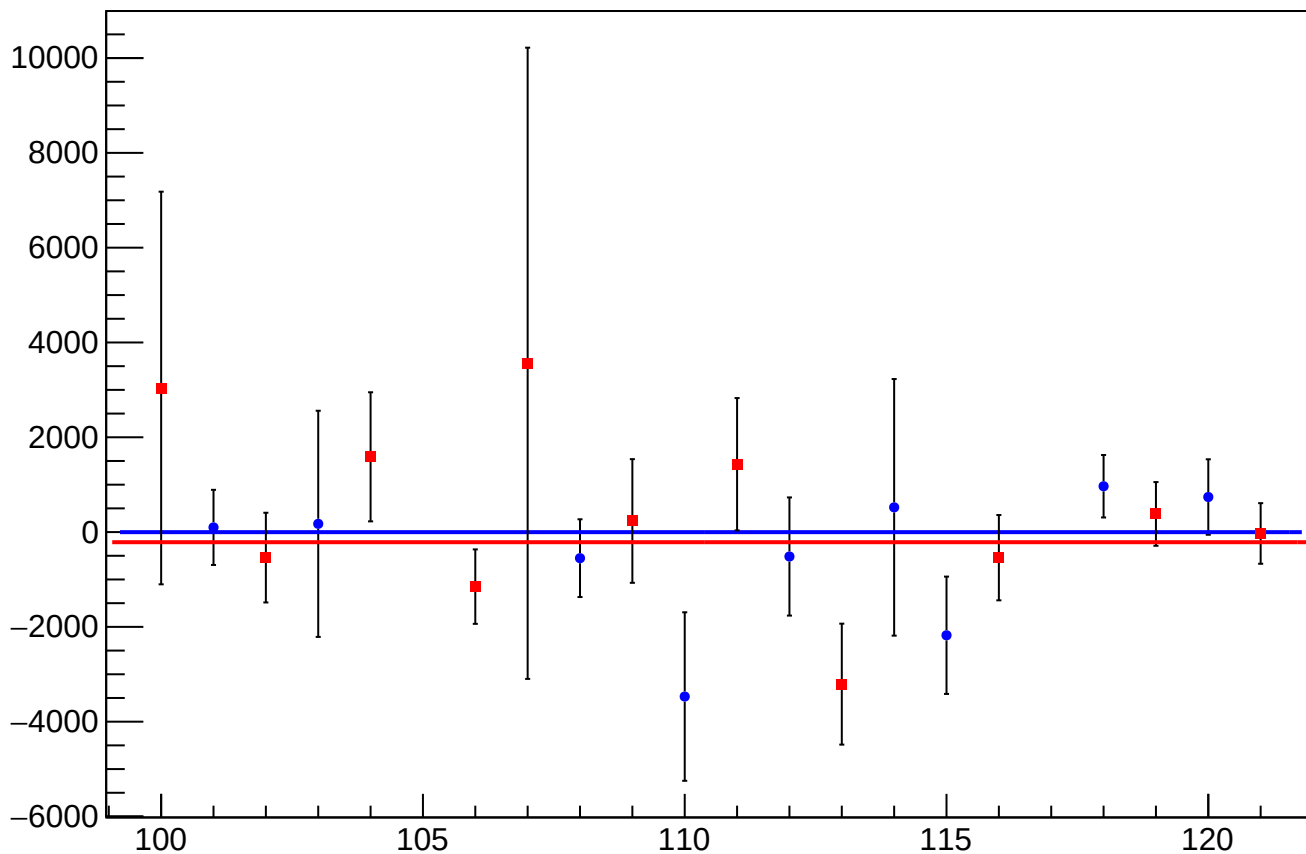
Right: 2068.267+/-0.527 χ^2/NDF : 753472.2/19

In: 2069.782+/-0.796 χ^2/NDF : 587114.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.267+/-0.527 χ^2/NDF : 753472.2/19

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1.616 ± 335.480 χ^2/NDF : 10.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -213.724 ± 301.954 χ^2/NDF : 12.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

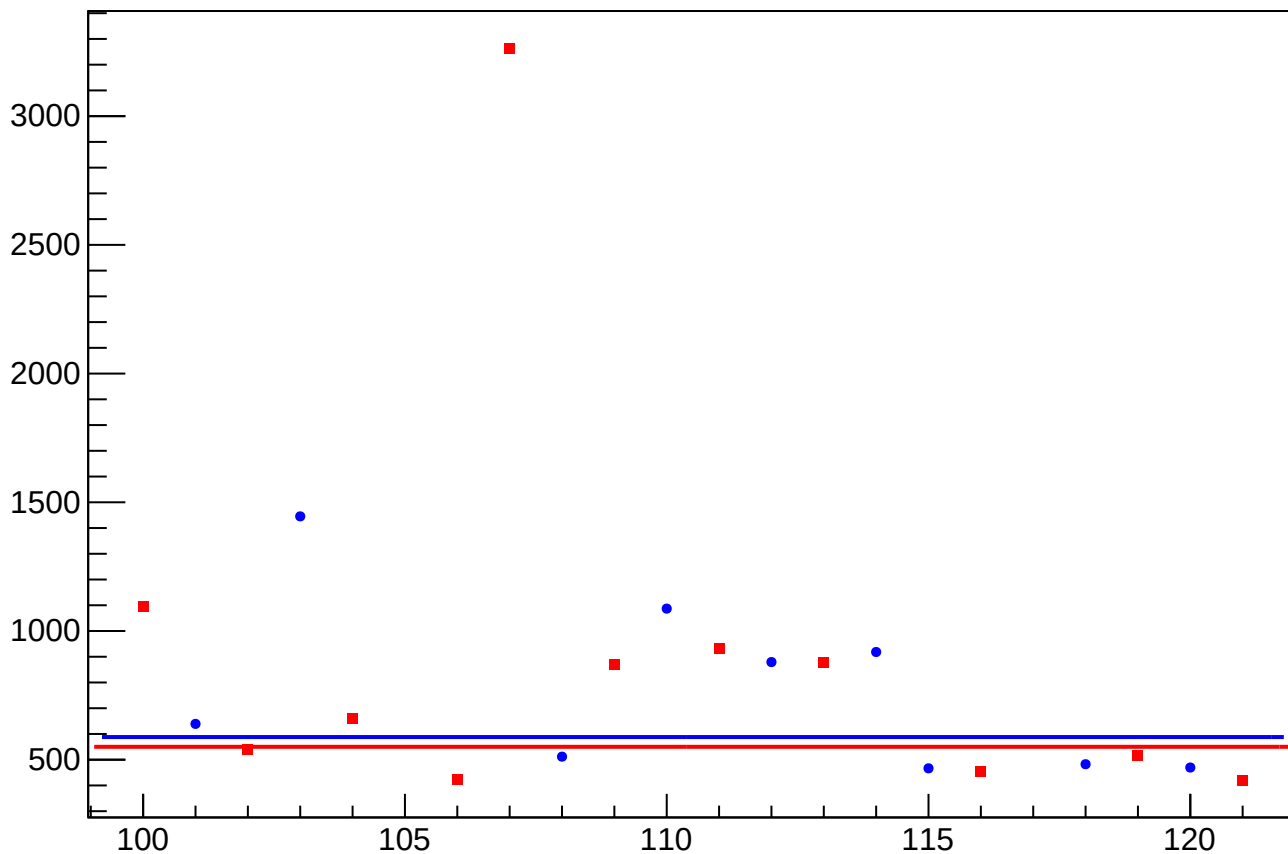
Right: -118.795 ± 224.433 χ^2/NDF : 23.1/19

In: -1.616 ± 335.480 χ^2/NDF : 10.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -118.795 ± 224.433 χ^2/NDF : 23.1/19

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 588.026+/-0.237 χ^2/NDF : 695220.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.138+/-0.214 χ^2/NDF : 946762.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

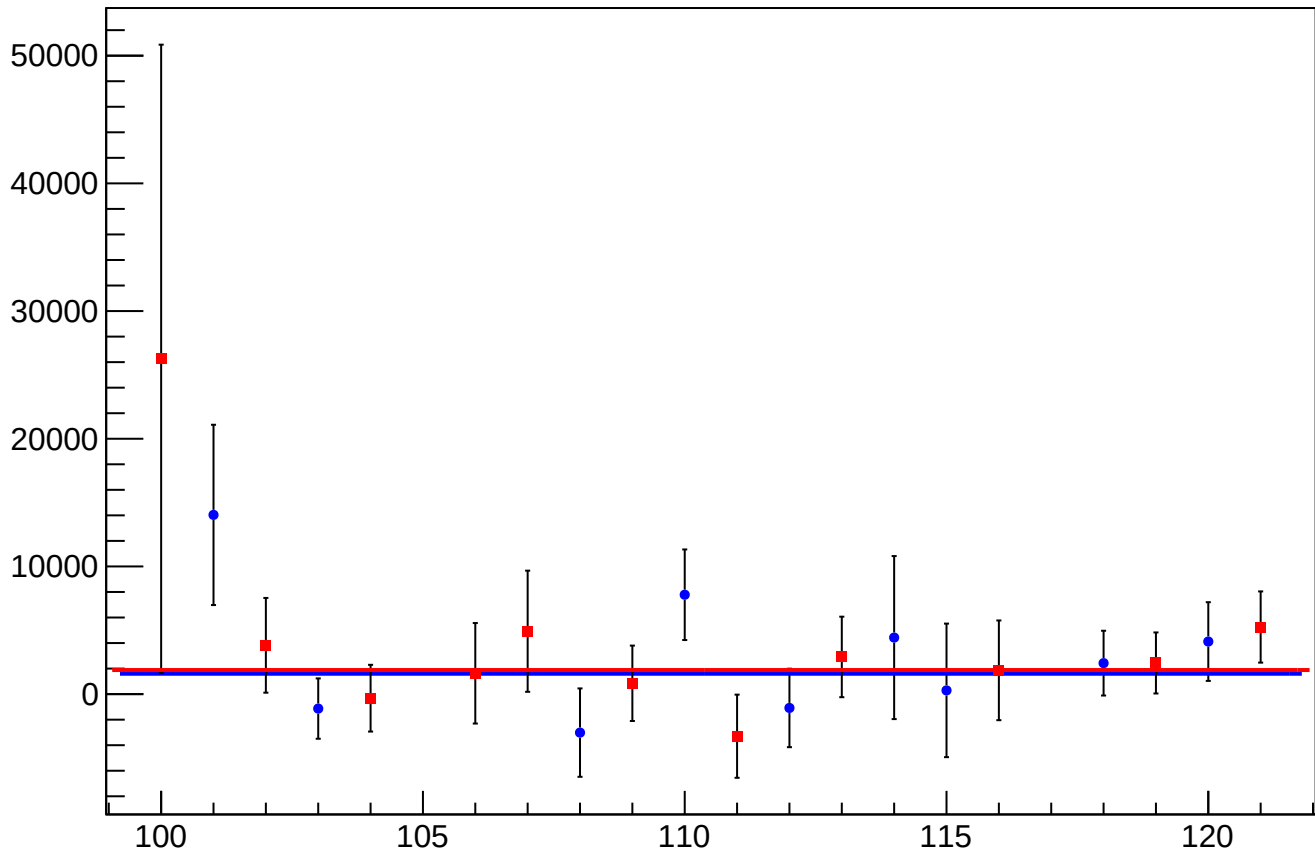
Right: 567.095+/-0.159 χ^2/NDF : 1656075.5/19

In: 588.026+/-0.237 χ^2/NDF : 695220.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.095+/-0.159 χ^2/NDF : 1656075.5/19

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.458+/-995.703 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

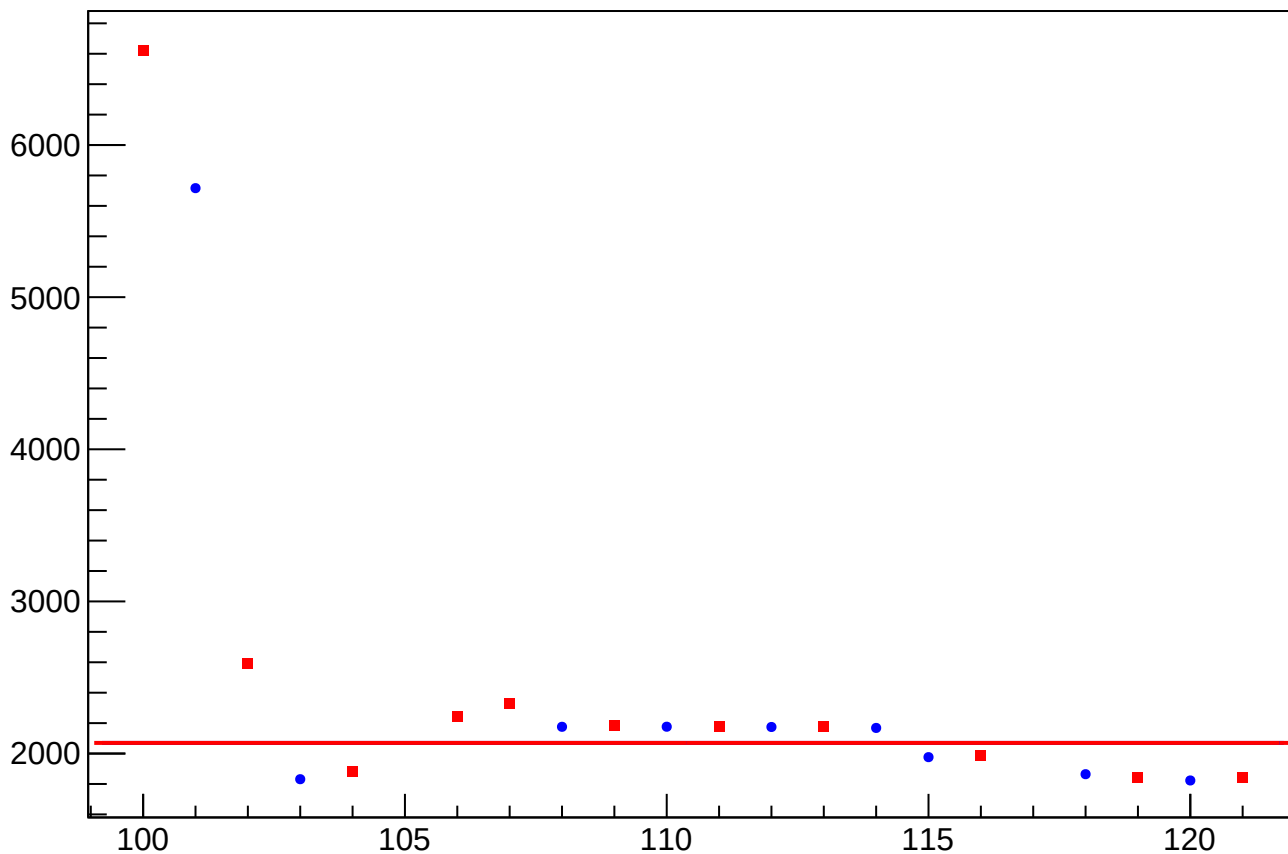
Right: 1760.062+/-745.662 χ^2/NDF : 17.7/19

In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.062+/-745.662 χ^2/NDF : 17.7/19

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.930+/-0.704 χ^2/NDF : 168210.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

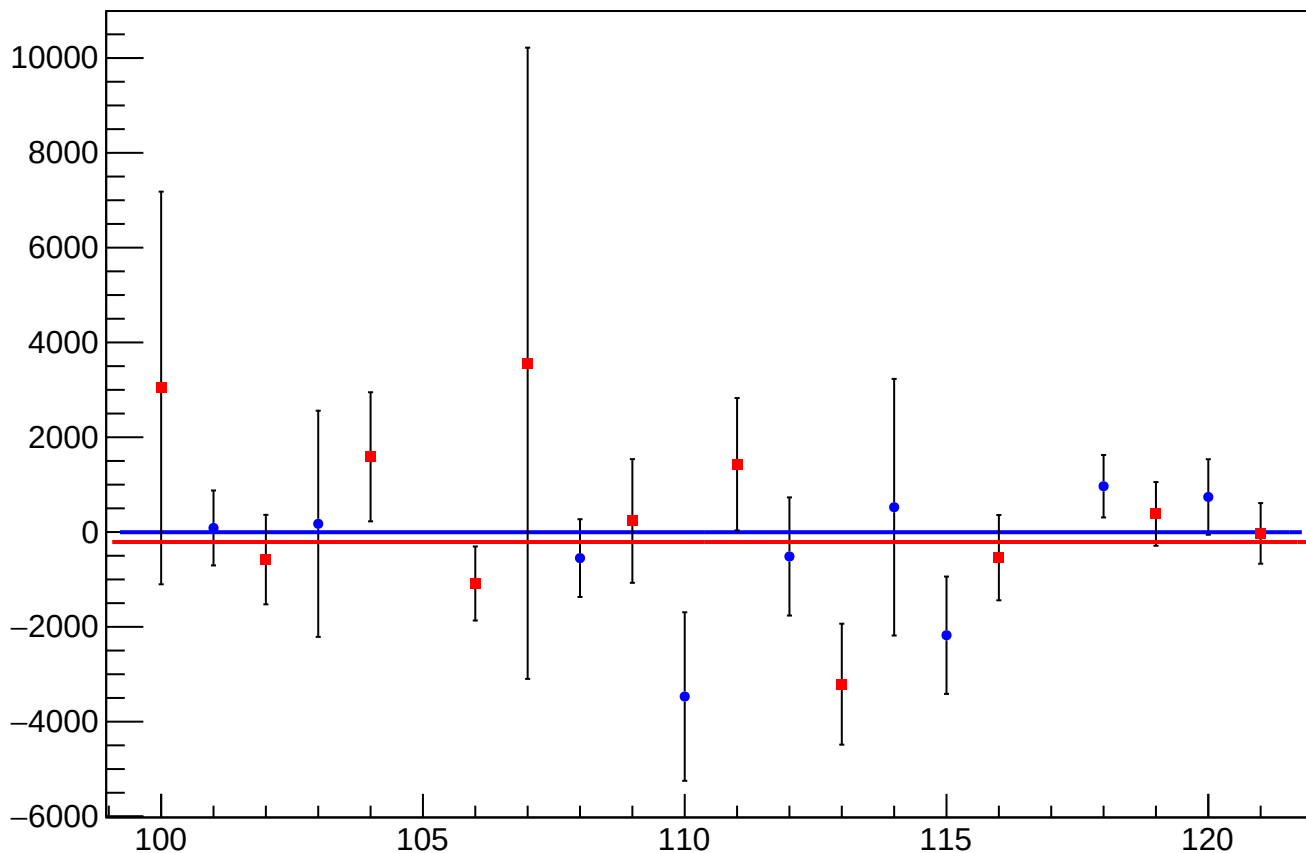
Right: 2069.865+/-0.527 χ^2/NDF : 755324.8/19

In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2069.865+/-0.527 χ^2/NDF : 755324.8/19

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3.477 ± 335.328 χ^2/NDF : 10.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -210.046 ± 301.620 χ^2/NDF : 12.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

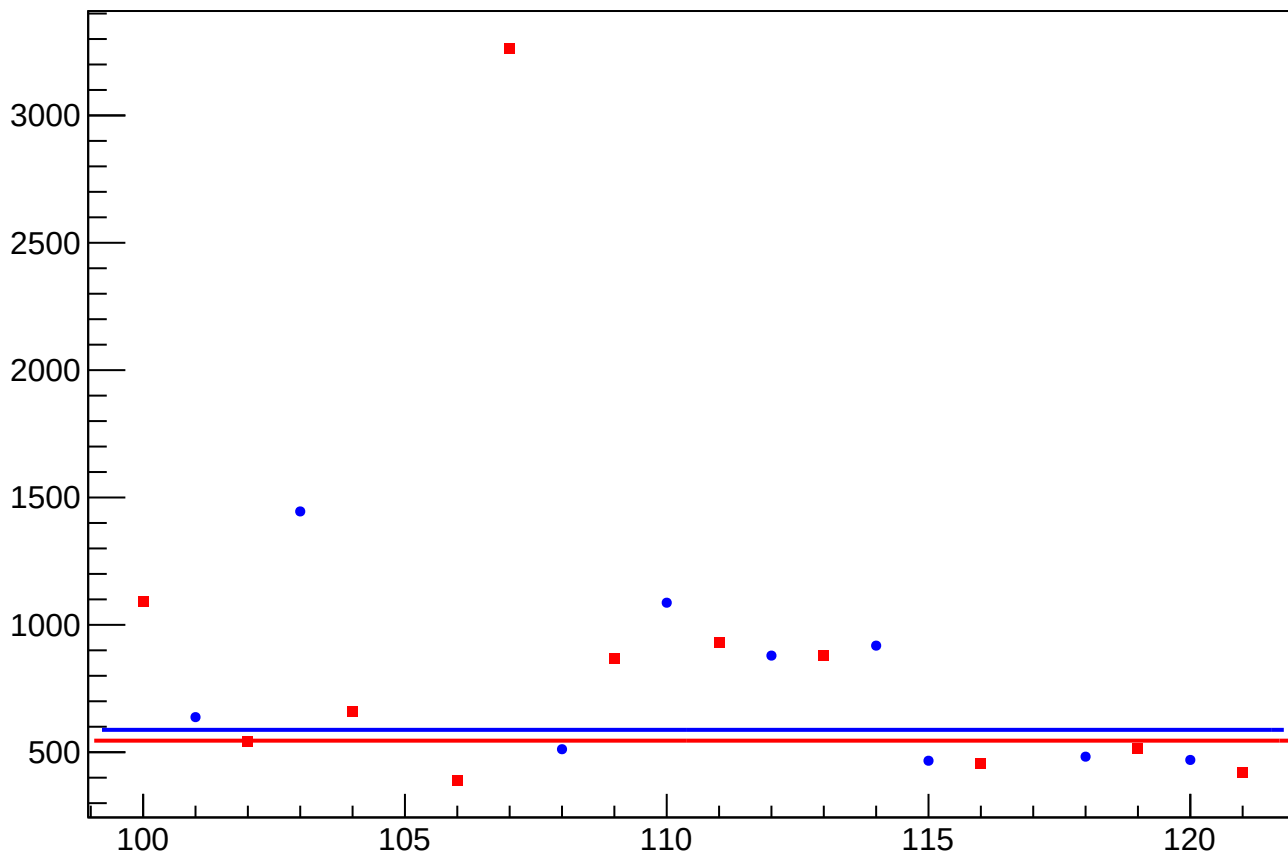
Right: -117.663 ± 224.250 χ^2/NDF : 22.9/19

In: -3.477 ± 335.328 χ^2/NDF : 10.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -117.663 ± 224.250 χ^2/NDF : 22.9/19

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.353+/-0.213 χ^2/NDF : 978860.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

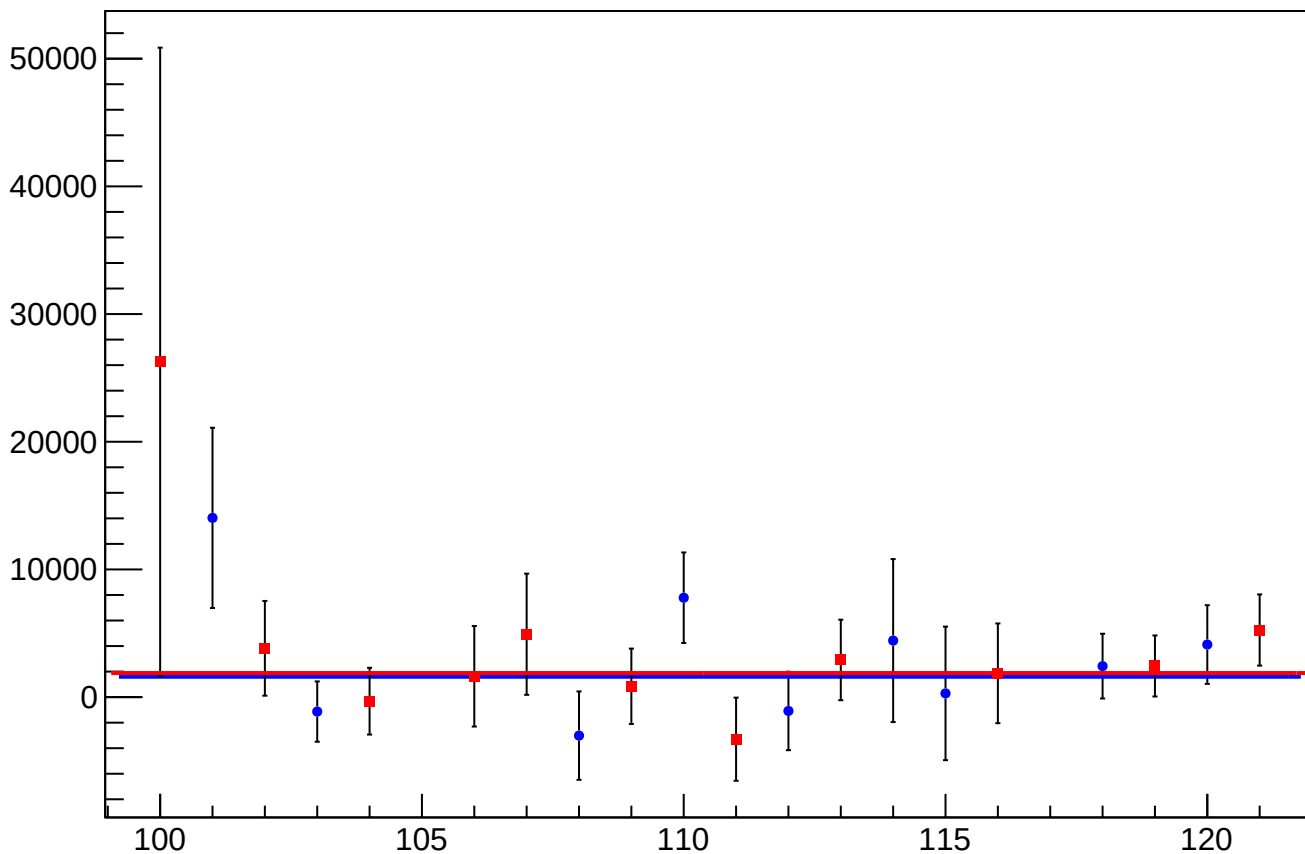
Right: 564.345+/-0.159 χ^2/NDF : 1691392.7/19

In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.345+/-0.159 χ^2/NDF : 1691392.7/19

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.458+/-995.703 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

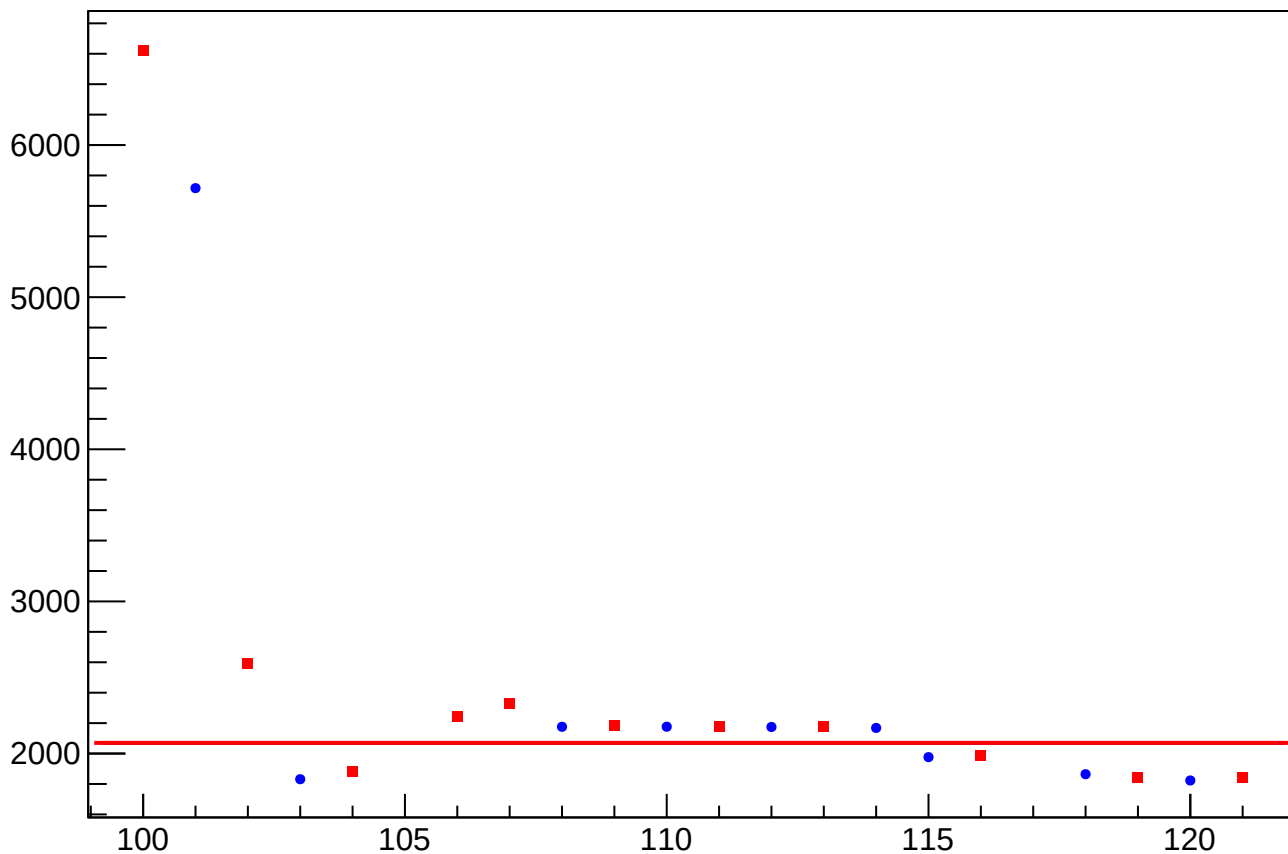
Right: 1760.062+/-745.662 χ^2/NDF : 17.7/19

In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.062+/-745.662 χ^2/NDF : 17.7/19

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.930+/-0.704 χ^2/NDF : 168210.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

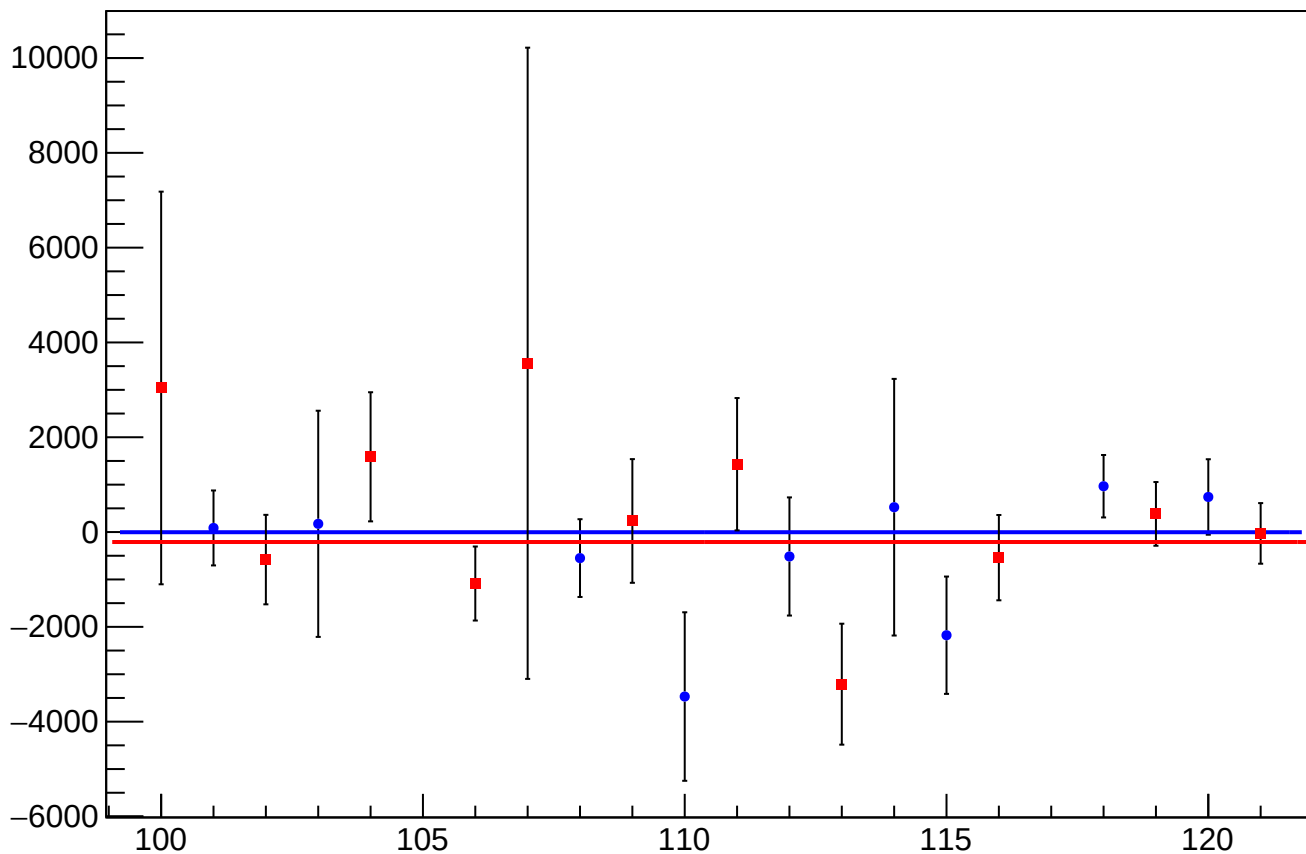
Right: 2069.865+/-0.527 χ^2/NDF : 755324.8/19

In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2069.865+/-0.527 χ^2/NDF : 755324.8/19

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3.477+/-335.328 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.046+/-301.620 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

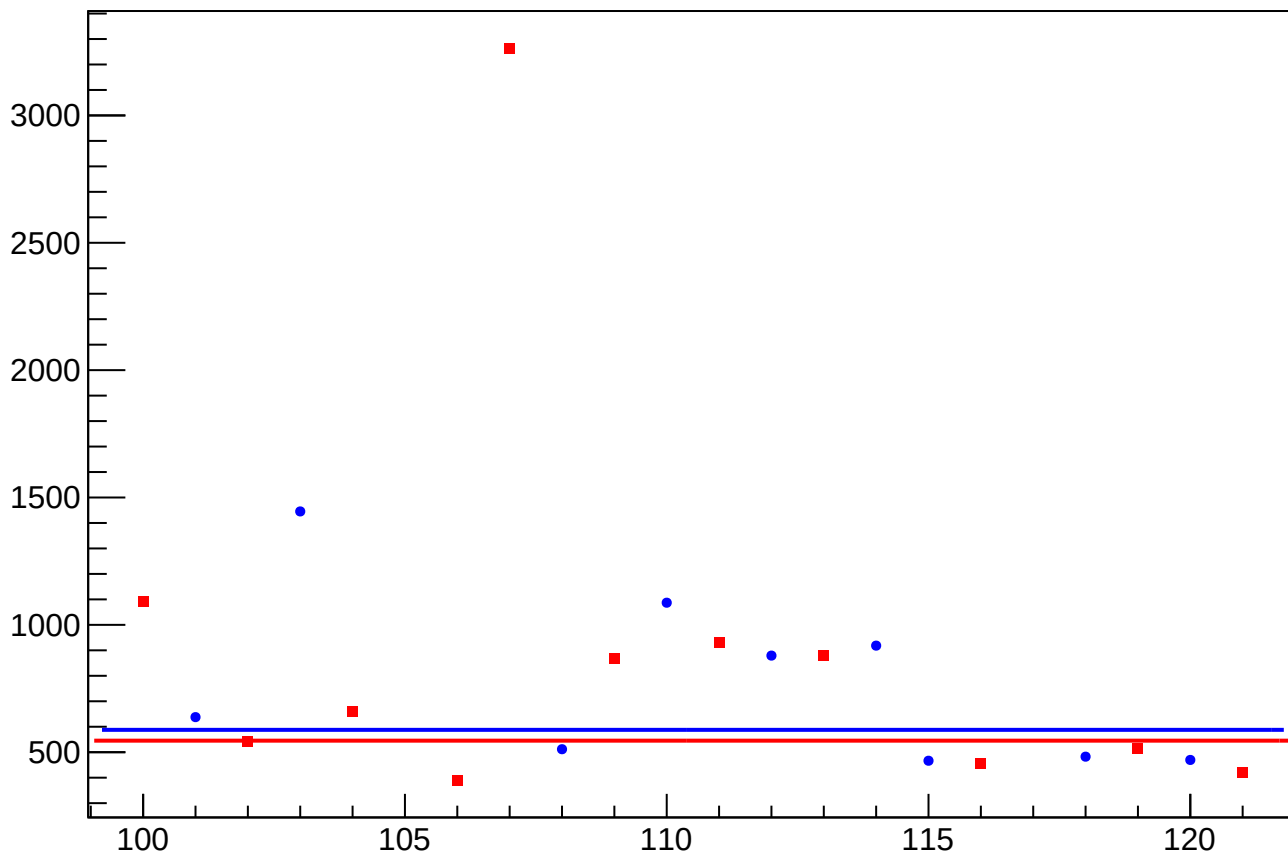
Right: -117.663+/-224.250 χ^2/NDF : 22.9/19

In: -3.477+/-335.328 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.663+/-224.250 χ^2/NDF : 22.9/19

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.353+/-0.213 χ^2/NDF : 978860.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

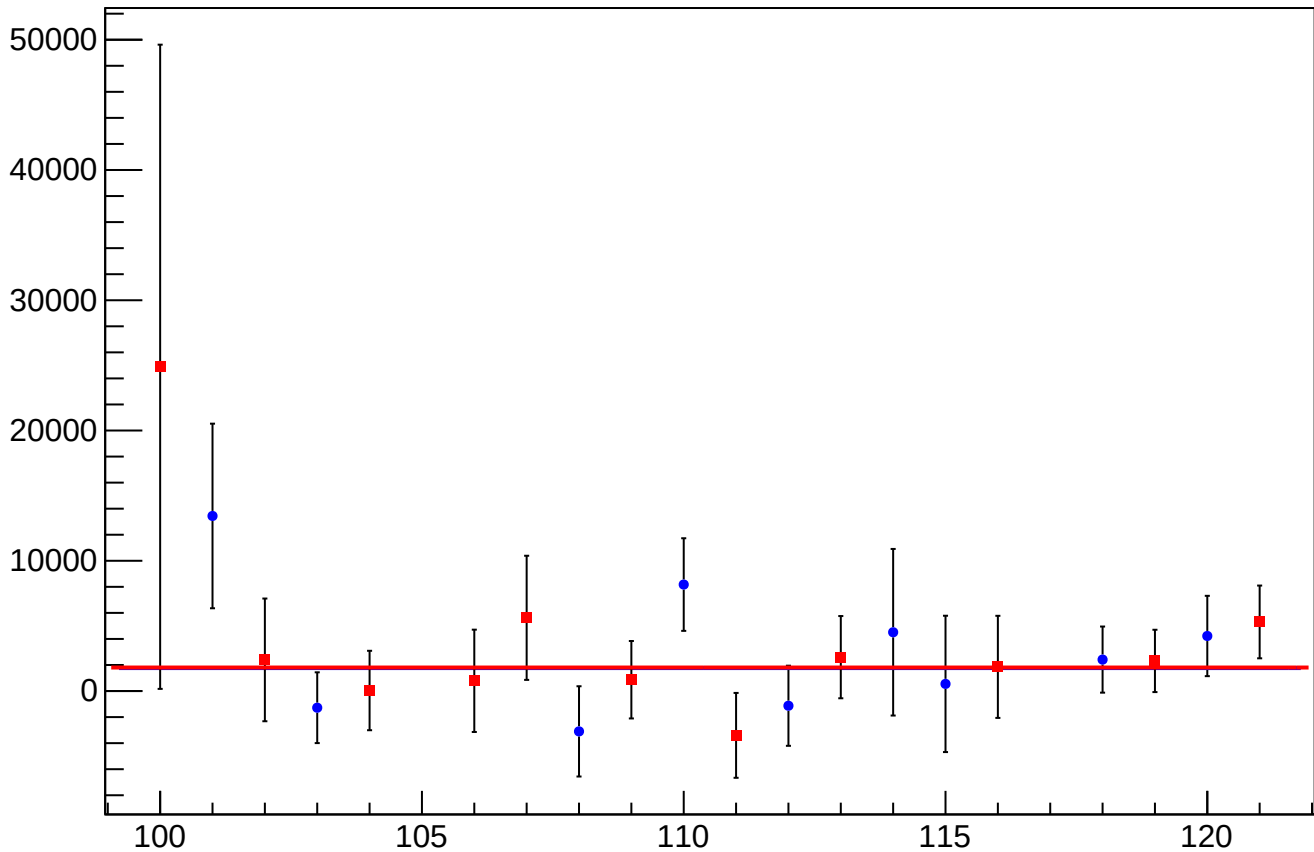
Right: 564.345+/-0.159 χ^2/NDF : 1691392.7/19

In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.345+/-0.159 χ^2/NDF : 1691392.7/19

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1763.783+/-1158.601 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.363+/-1031.944 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

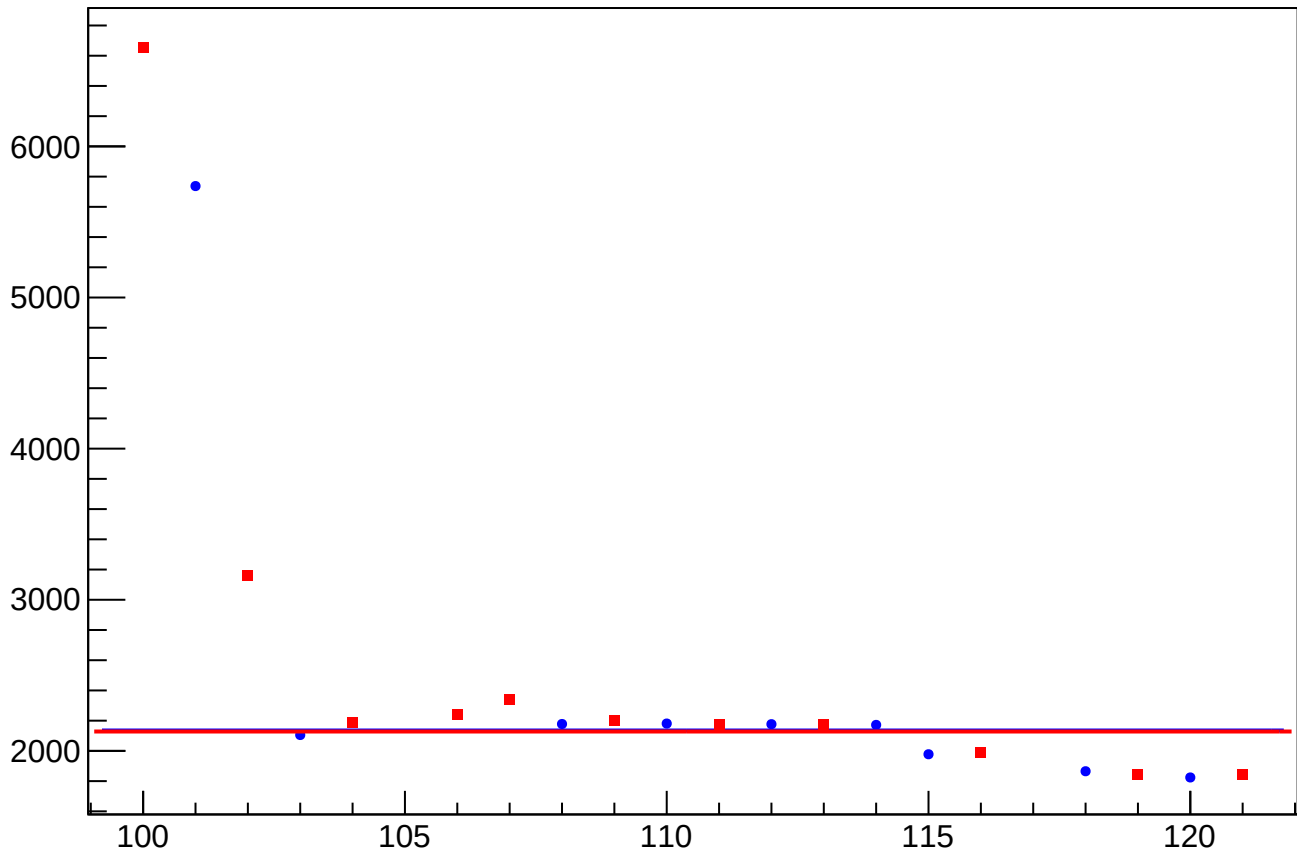
Right: 1786.969+/-770.598 χ^2/NDF : 17.3/19

In: 1763.783+/-1158.601 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1786.969+/-770.598 χ^2/NDF : 17.3/19

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2134.913+/-0.819 χ^2/NDF : 562941.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2128.291+/-0.730 χ^2/NDF : 222867.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

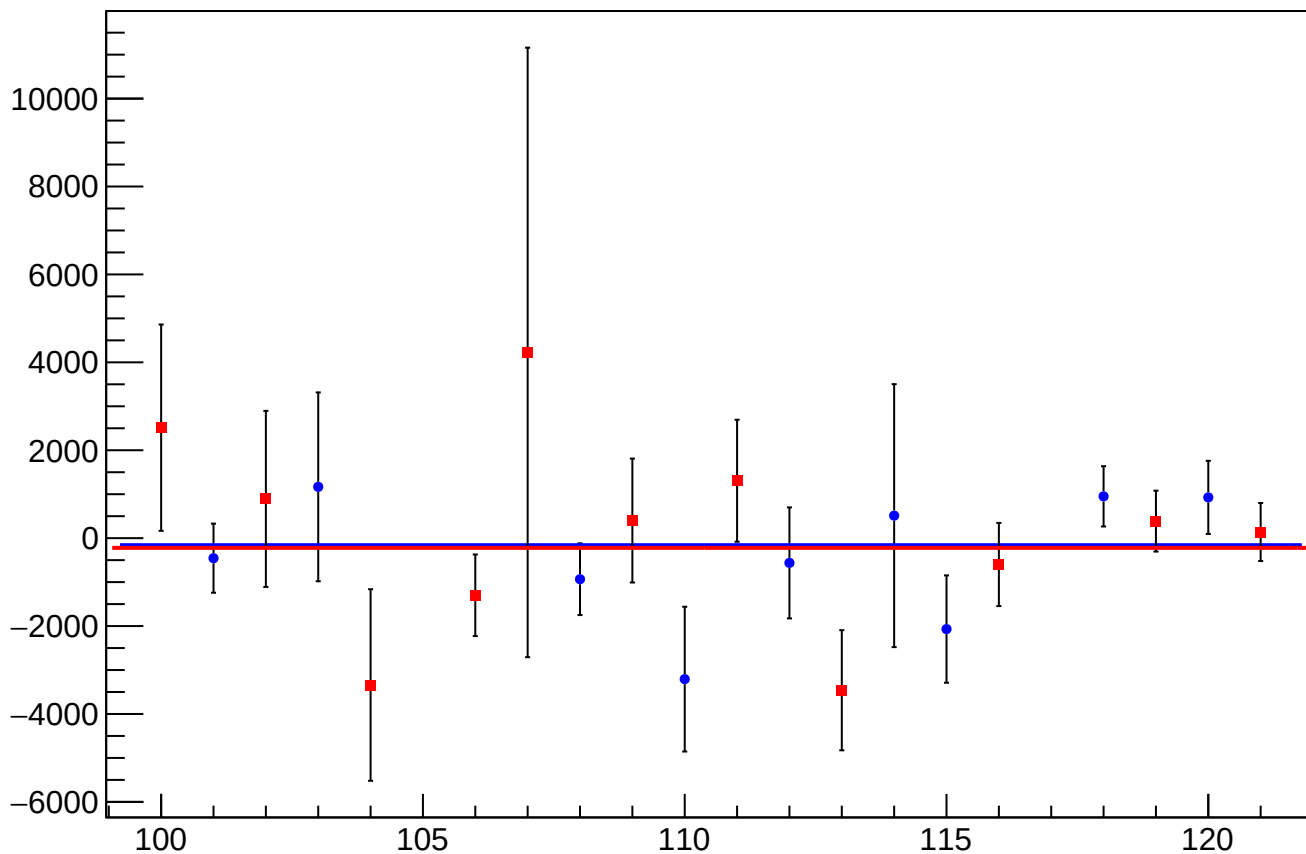
Right: 2131.221+/-0.545 χ^2/NDF : 785845.6/19

In: 2134.913+/-0.819 χ^2/NDF : 562941.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.221+/-0.545 χ^2/NDF : 785845.6/19

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.177+/-339.313 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.901+/-335.633 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

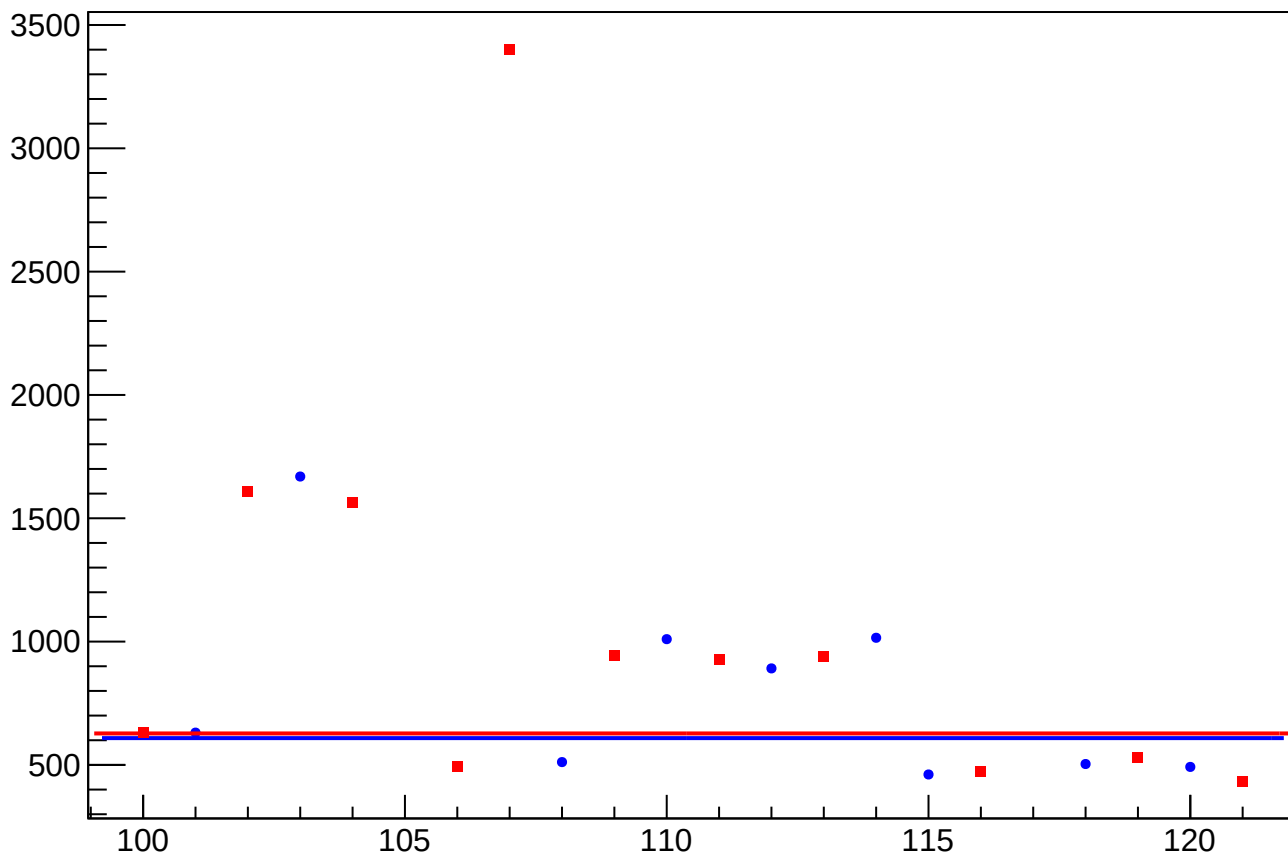
Right: -190.870+/-238.619 χ^2/NDF : 25.5/19

In: -160.177+/-339.313 χ^2/NDF : 11.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.870+/-238.619 χ^2/NDF : 25.5/19

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.636+/-0.240 χ^2/NDF : 888810.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 627.571+/-0.237 χ^2/NDF : 1779447.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

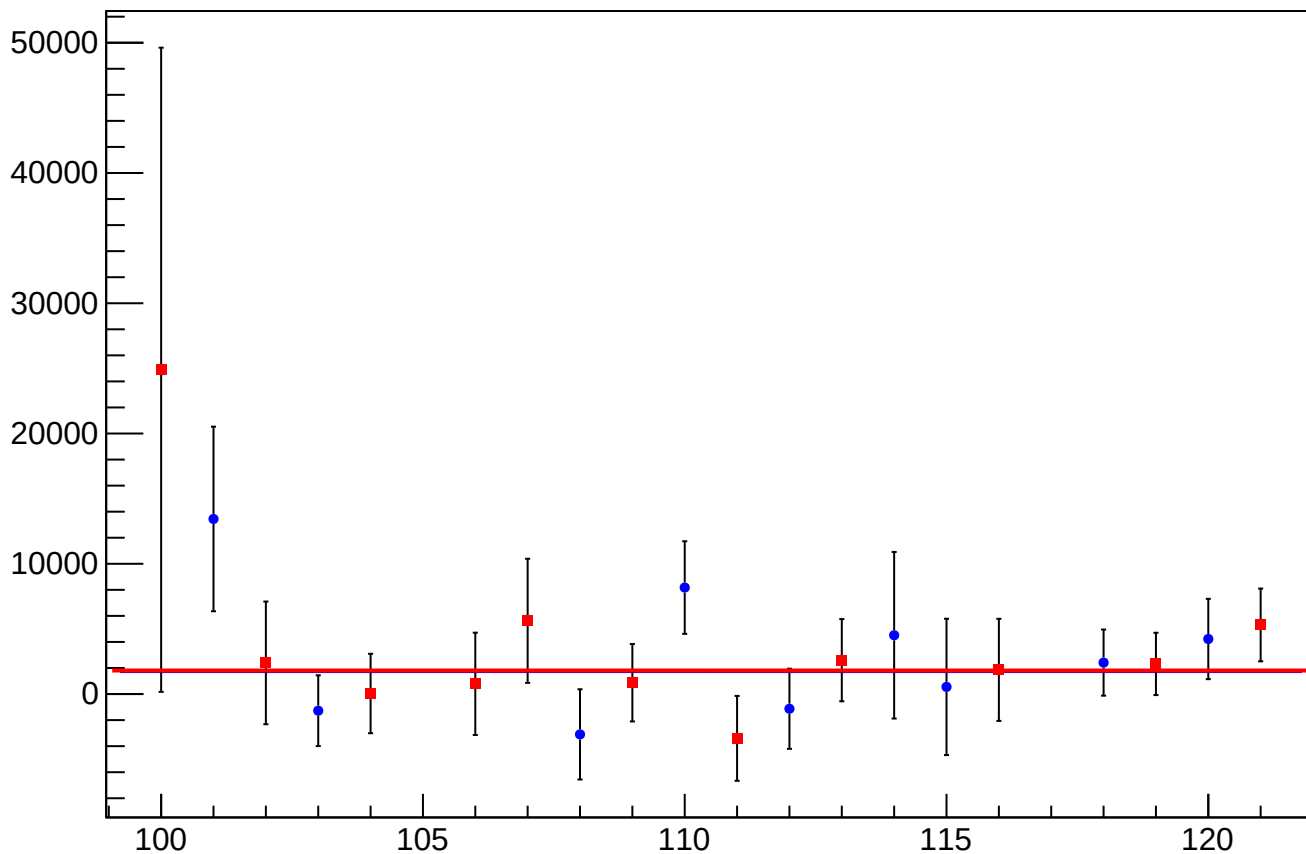
Right: 618.207+/-0.169 χ^2/NDF : 2671406.2/19

In: 608.636+/-0.240 χ^2/NDF : 888810.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.207+/-0.169 χ^2/NDF : 2671406.2/19

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1763.780+/-1158.601 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.361+/-1031.943 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

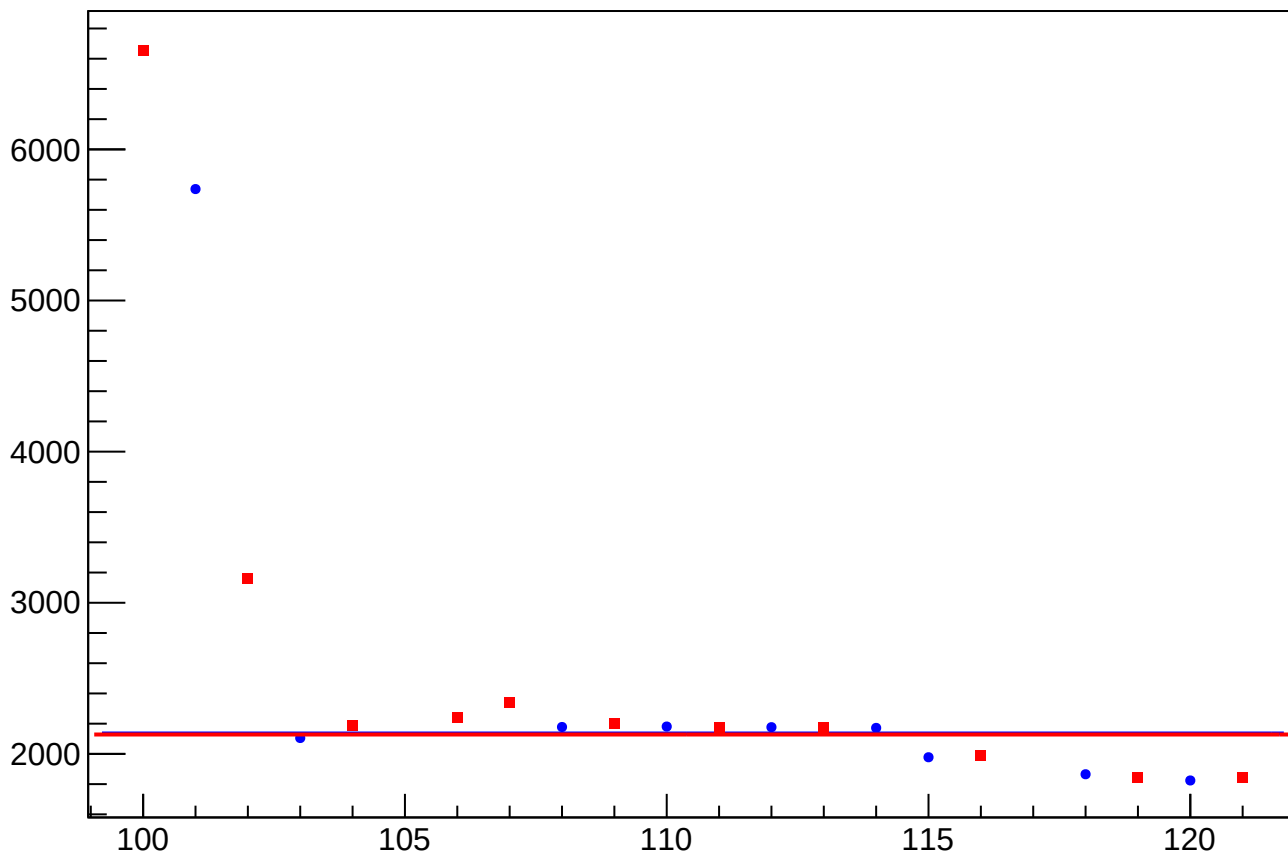
Right: 1786.967+/-770.598 χ^2/NDF : 17.3/19

In: 1763.780+/-1158.601 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1786.967+/-770.598 χ^2/NDF : 17.3/19

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2134.913+/-0.819 χ^2/NDF : 562941.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2128.291+/-0.730 χ^2/NDF : 222866.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

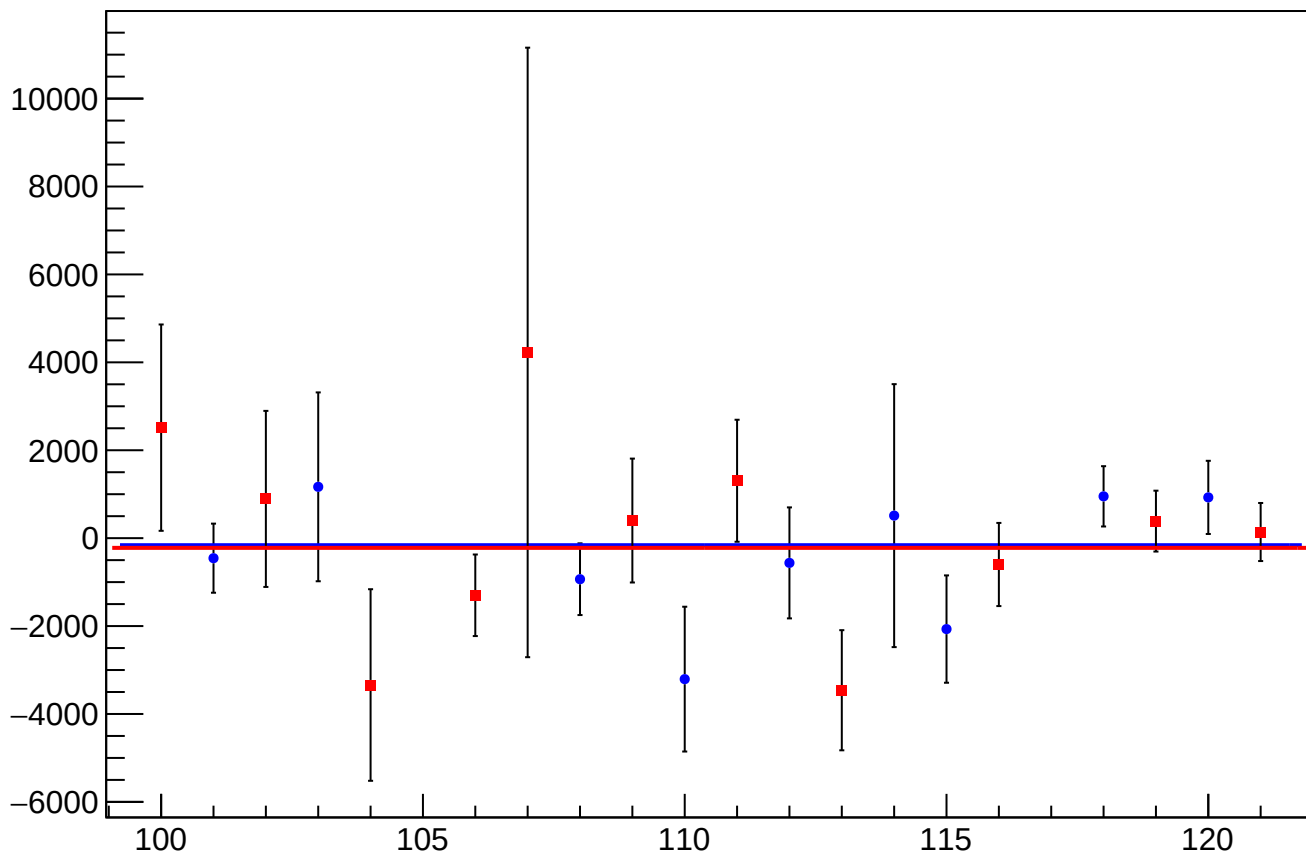
Right: 2131.220+/-0.545 χ^2/NDF : 785844.7/19

In: 2134.913+/-0.819 χ^2/NDF : 562941.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.220+/-0.545 χ^2/NDF : 785844.7/19

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.176+/-339.312 χ^2 /NDF: 11.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -220.900+/-335.632 χ^2 /NDF: 13.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

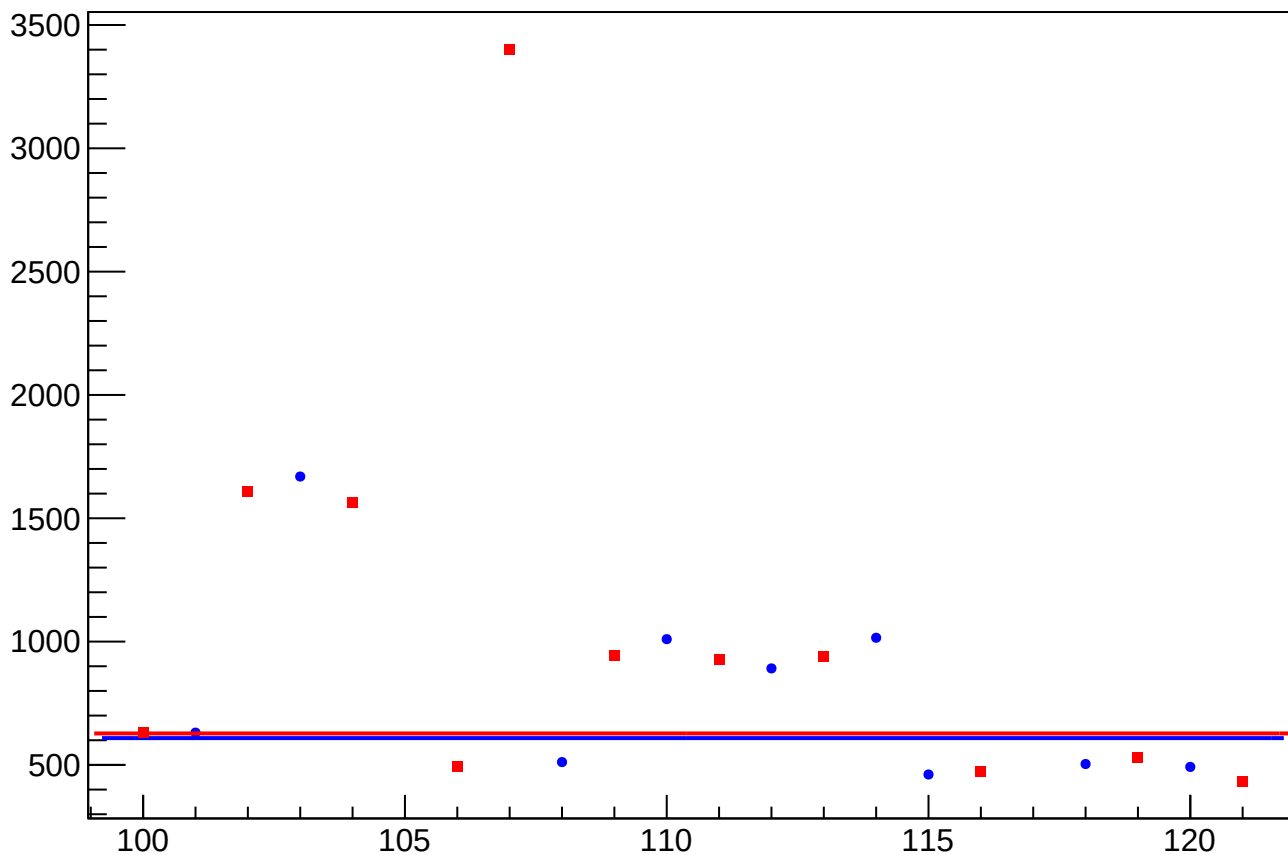
Right: -190.869+/-238.618 χ^2 /NDF: 25.5/19

In: -160.176+/-339.312 χ^2 /NDF:11.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -190.869+/-238.618 χ^2 /NDF: 25.5/19

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.635+/-0.240 χ^2/NDF : 888815.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 627.570+/-0.237 χ^2/NDF : 1779454.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

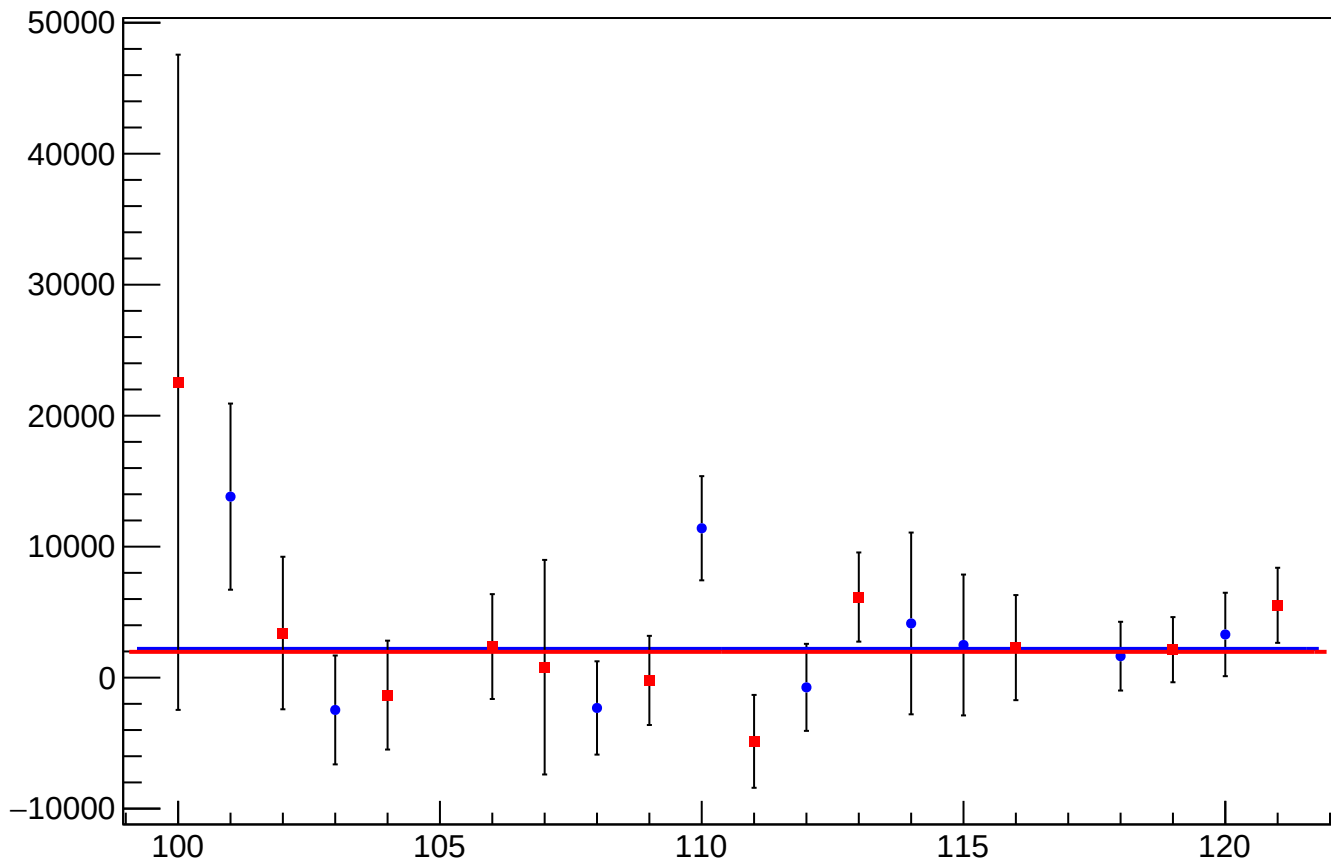
Right: 618.206+/-0.169 χ^2/NDF : 2671417.9/19

In: 608.635+/-0.240 χ^2/NDF : 888815.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.206+/-0.169 χ^2/NDF : 2671417.9/19

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2194.559+/-1280.930 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.510+/-1144.130 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

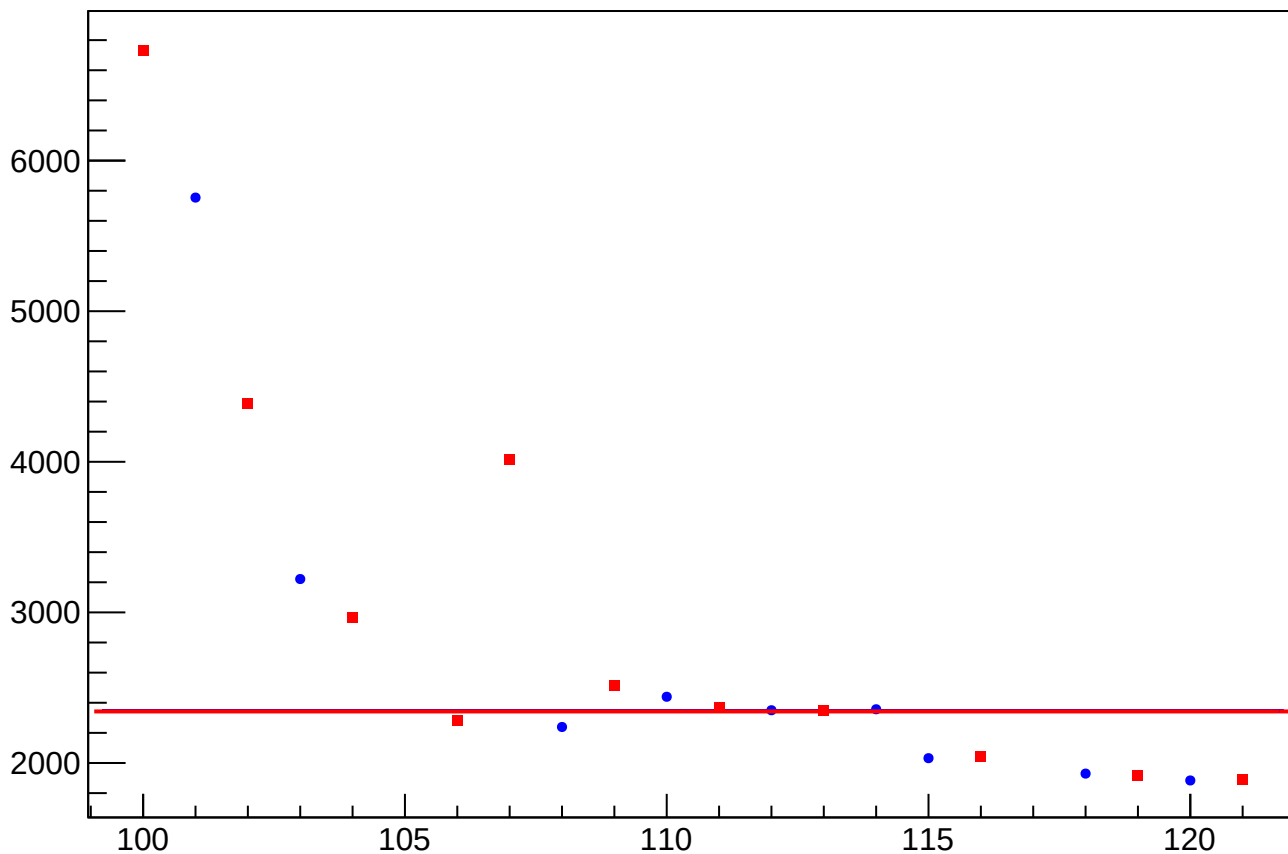
Right: 2069.380+/-853.303 χ^2/NDF : 20.5/19

In: 2194.559+/-1280.930 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2069.380+/-853.303 χ^2/NDF : 20.5/19

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2345.082+/-0.906 χ^2/NDF : 651025.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.354+/-0.809 χ^2/NDF : 560070.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

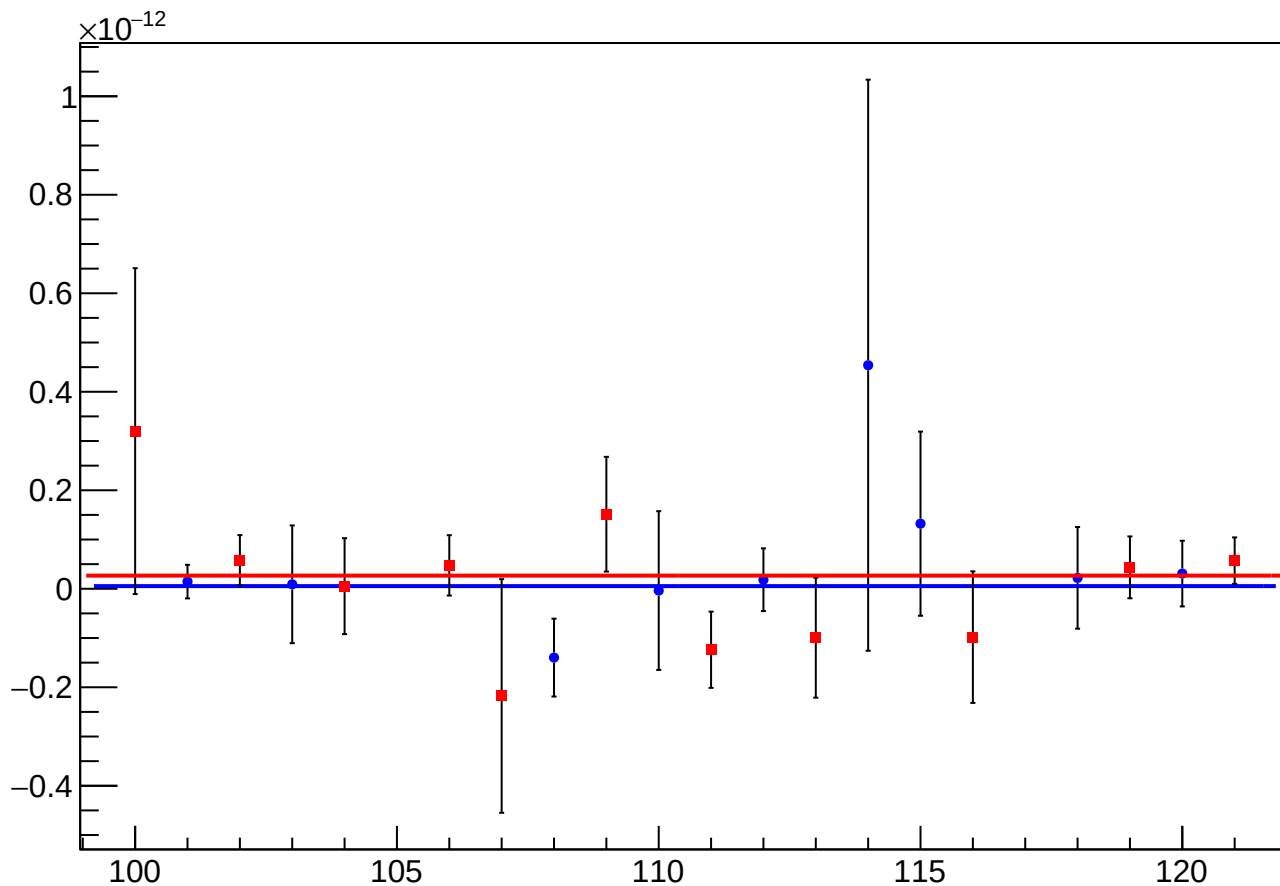
Right: 2343.565+/-0.603 χ^2/NDF : 1211100.9/19

In: 2345.082+/-0.906 χ^2/NDF : 651025.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2343.565+/-0.603 χ^2/NDF : 1211100.9/19

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

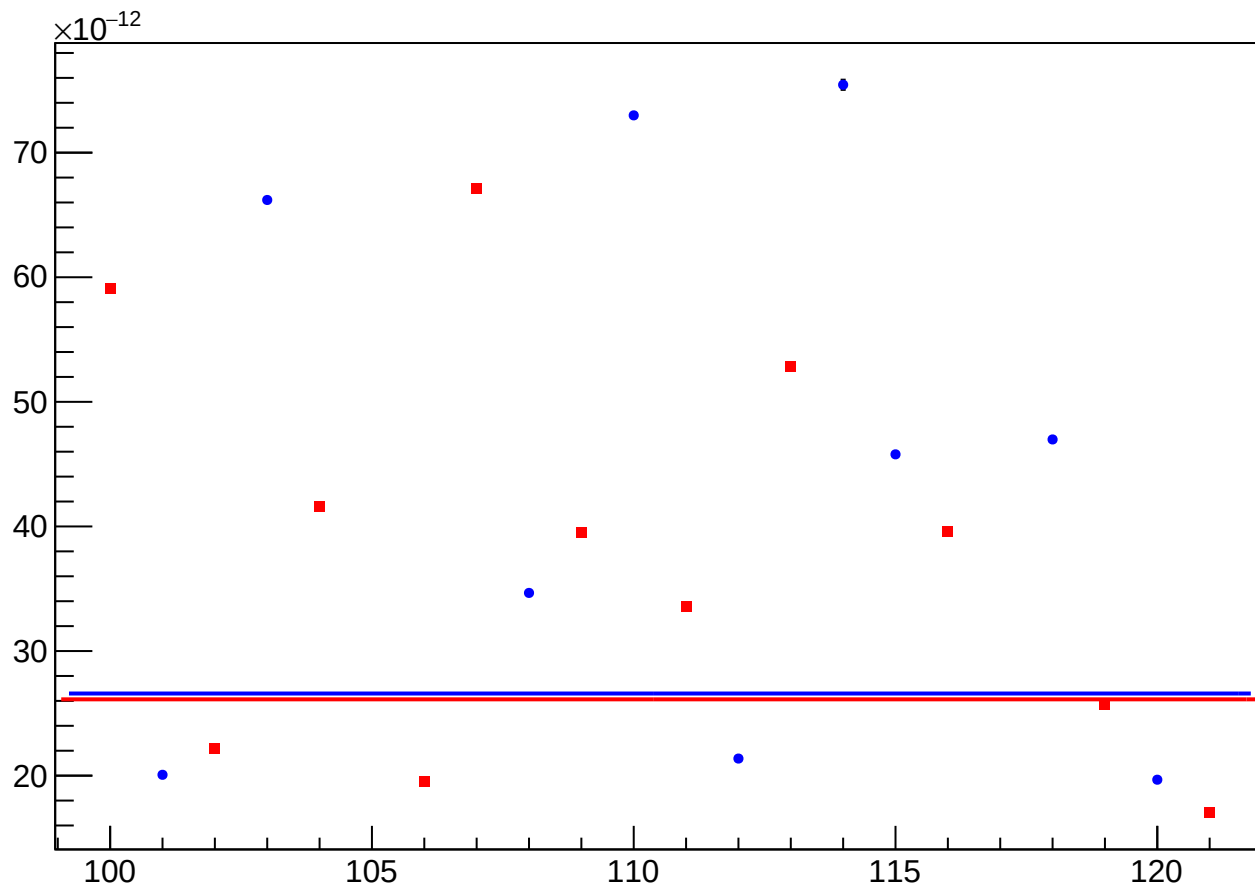
Right: 0.000+/-0.000 χ^2/NDF : 14.9/19

In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/19

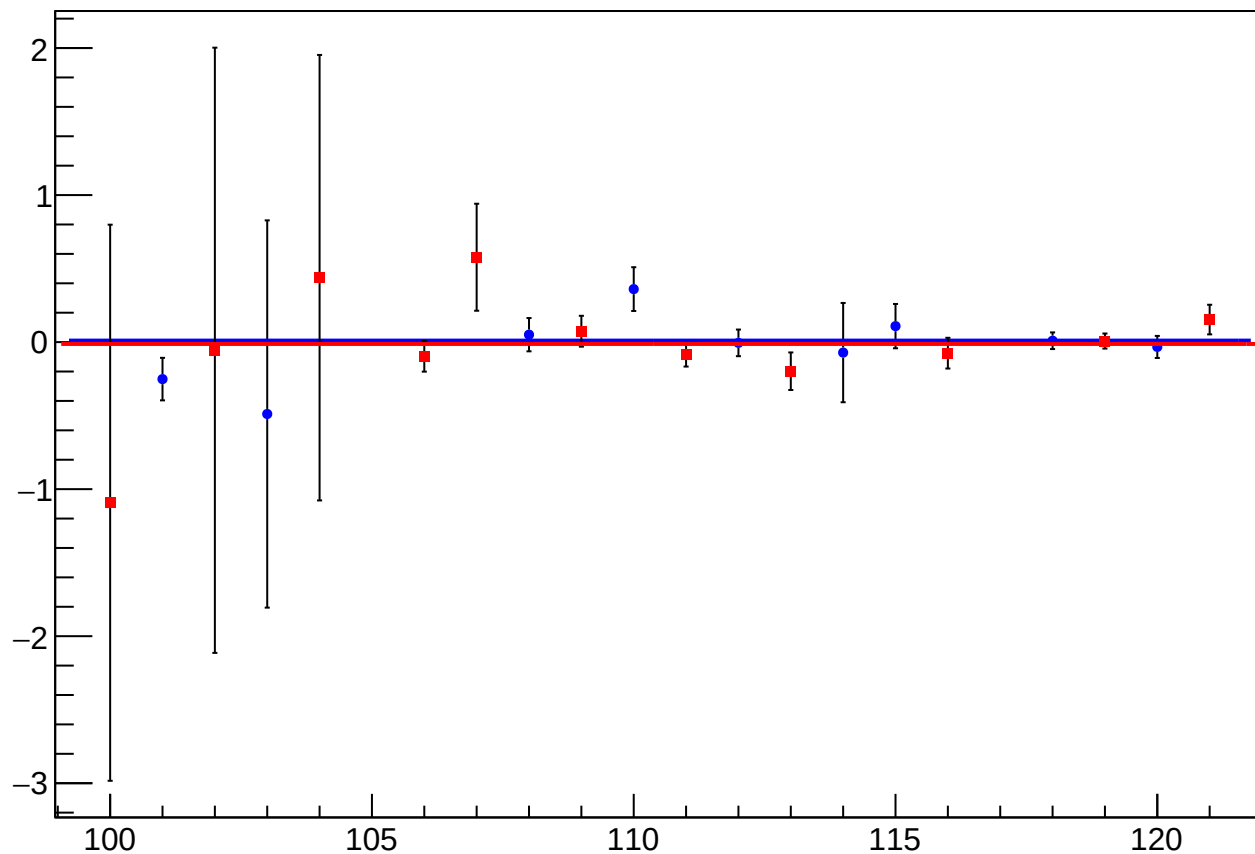
asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627883.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 401498.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1029772.3/19
 In: 0.000+/-0.000 χ^2/NDF : 627883.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1029772.3/19

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.035 χ^2 /NDF: 9.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.032 χ^2 /NDF: 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

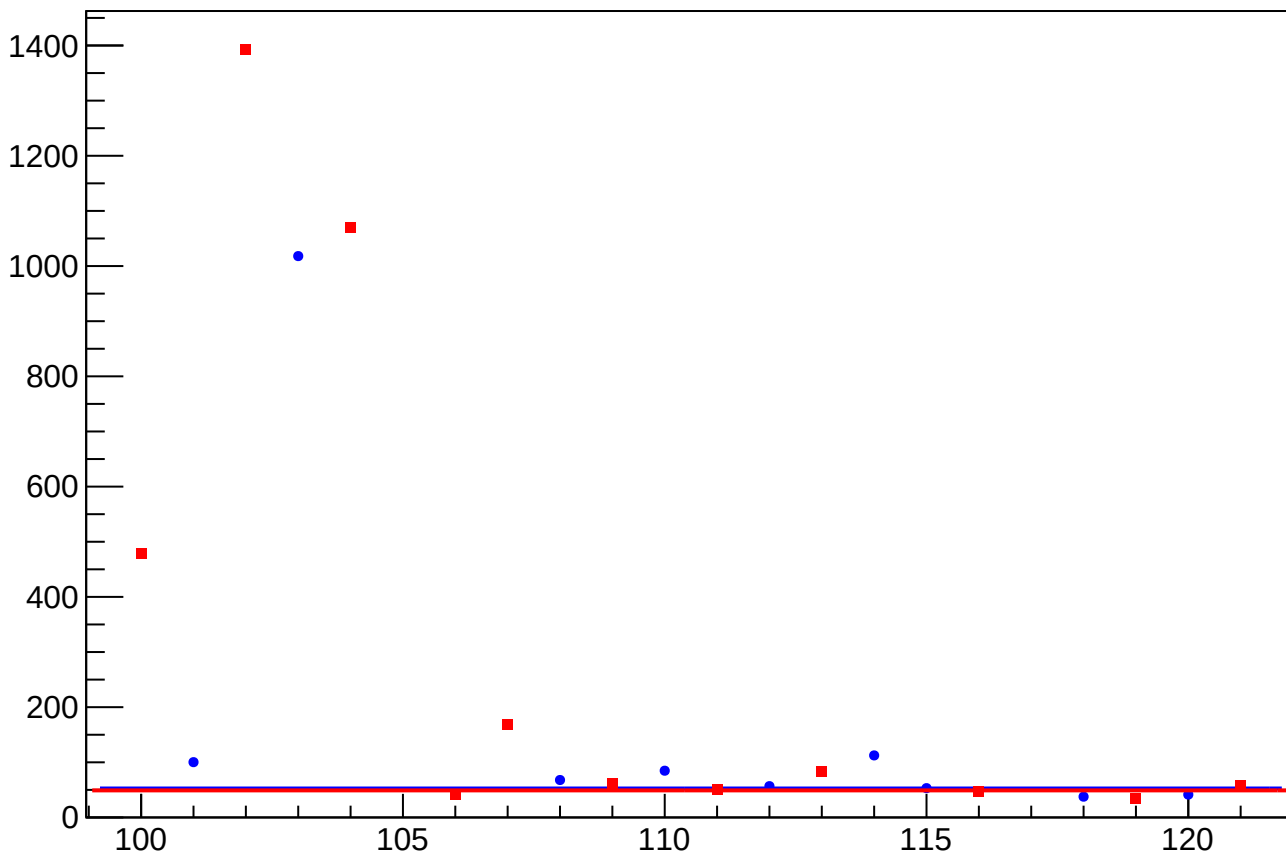
Right: -0.002 $\pm$ 0.023 χ^2 /NDF: 20.7/19

In: 0.010 $\pm$ 0.035 χ^2 /NDF:9.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.023 χ^2 /NDF: 20.7/19

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.101+/-0.023 χ^2/NDF : 2426395.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

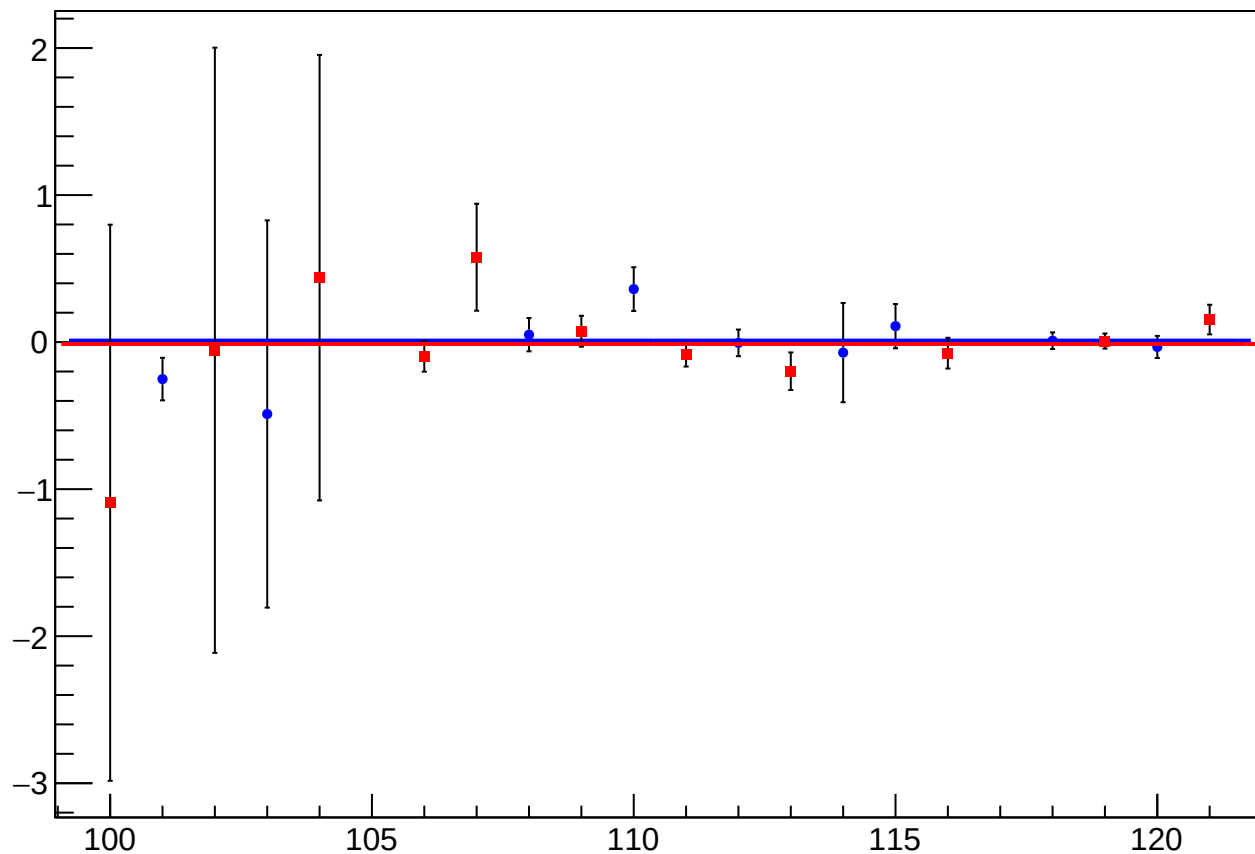
Right: 50.667+/-0.017 χ^2/NDF : 4109224.0/19

In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.667+/-0.017 χ^2/NDF : 4109224.0/19

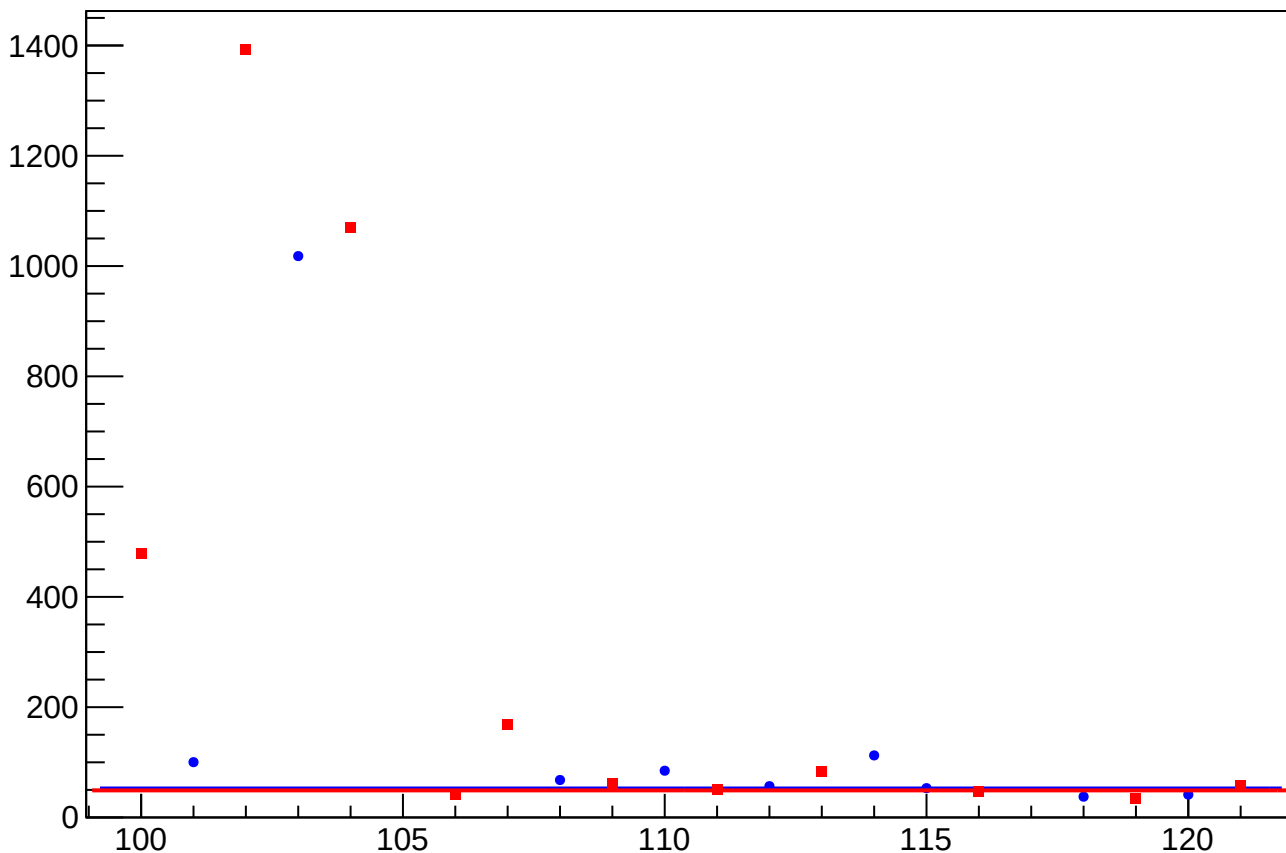
asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.012+/-0.032 χ^2/NDF : 10.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.002+/-0.023 χ^2/NDF : 20.7/19
 In: 0.010+/-0.035 χ^2/NDF : 9.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.002+/-0.023 χ^2/NDF : 20.7/19

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.101+/-0.023 χ^2/NDF : 2426395.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

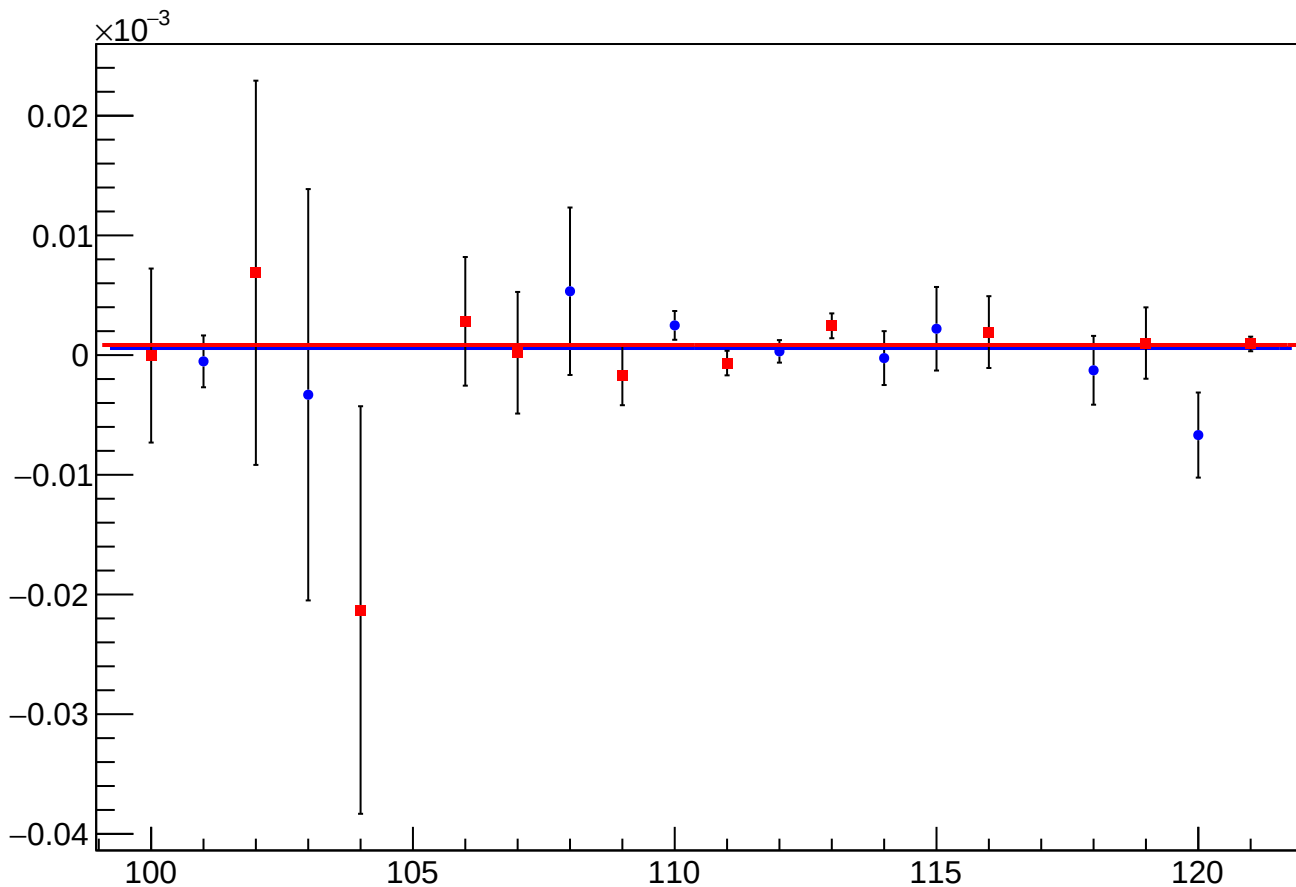
Right: 50.667+/-0.017 χ^2/NDF : 4109224.0/19

In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.667+/-0.017 χ^2/NDF : 4109224.0/19

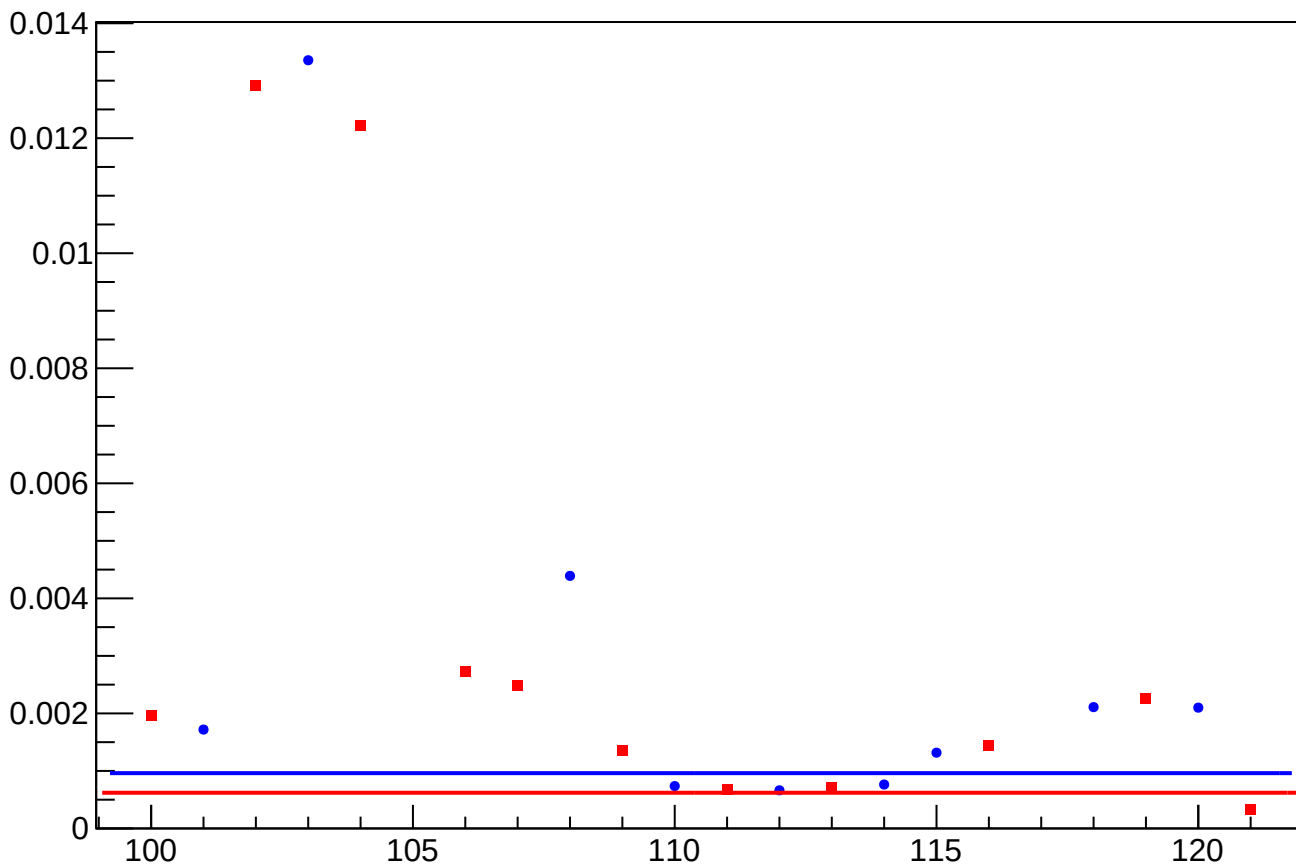
asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.1/19
 In: 0.000+/-0.000 χ^2/NDF : 8.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.1/19

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2597736.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4171717.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

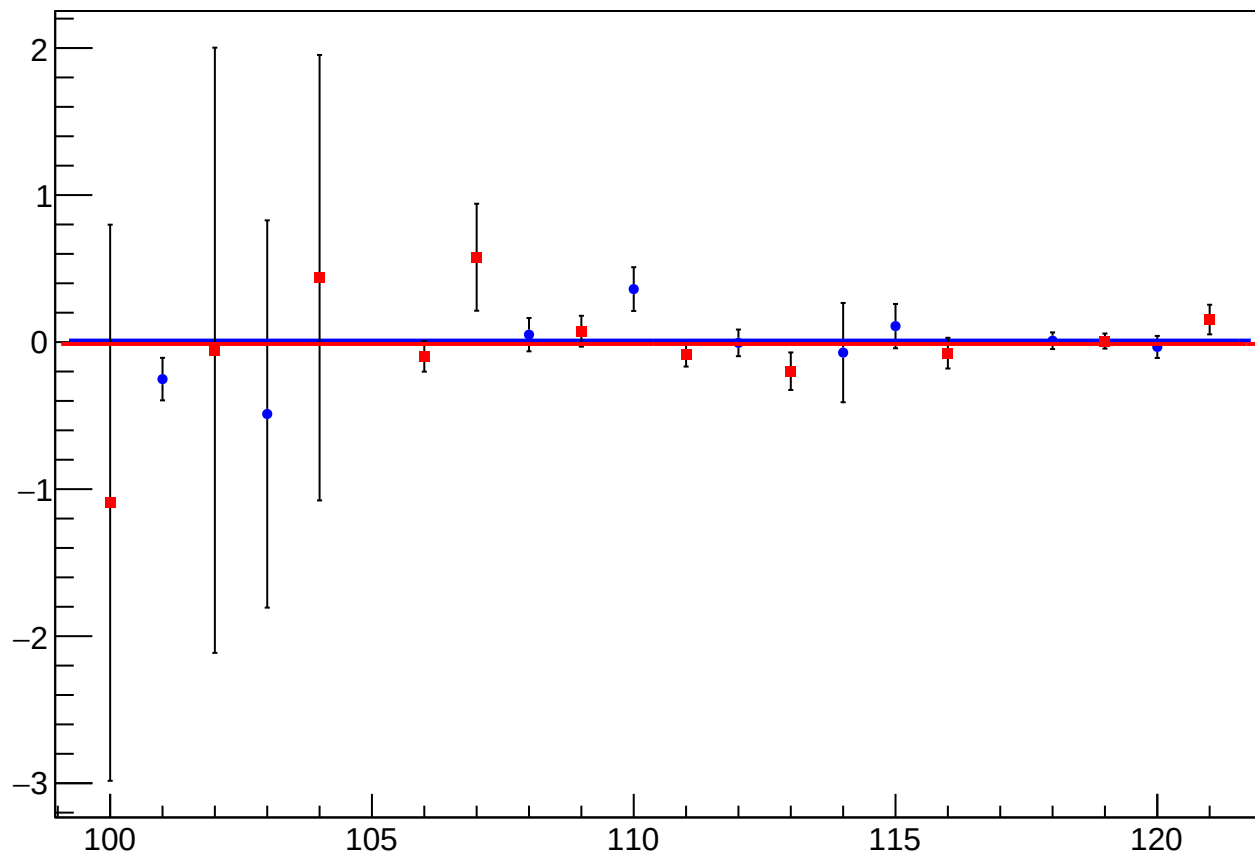
Right: 0.001+/-0.000 χ^2/NDF : 7161758.1/19

In: 0.001+/-0.000 χ^2/NDF : 2597736.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7161758.1/19

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

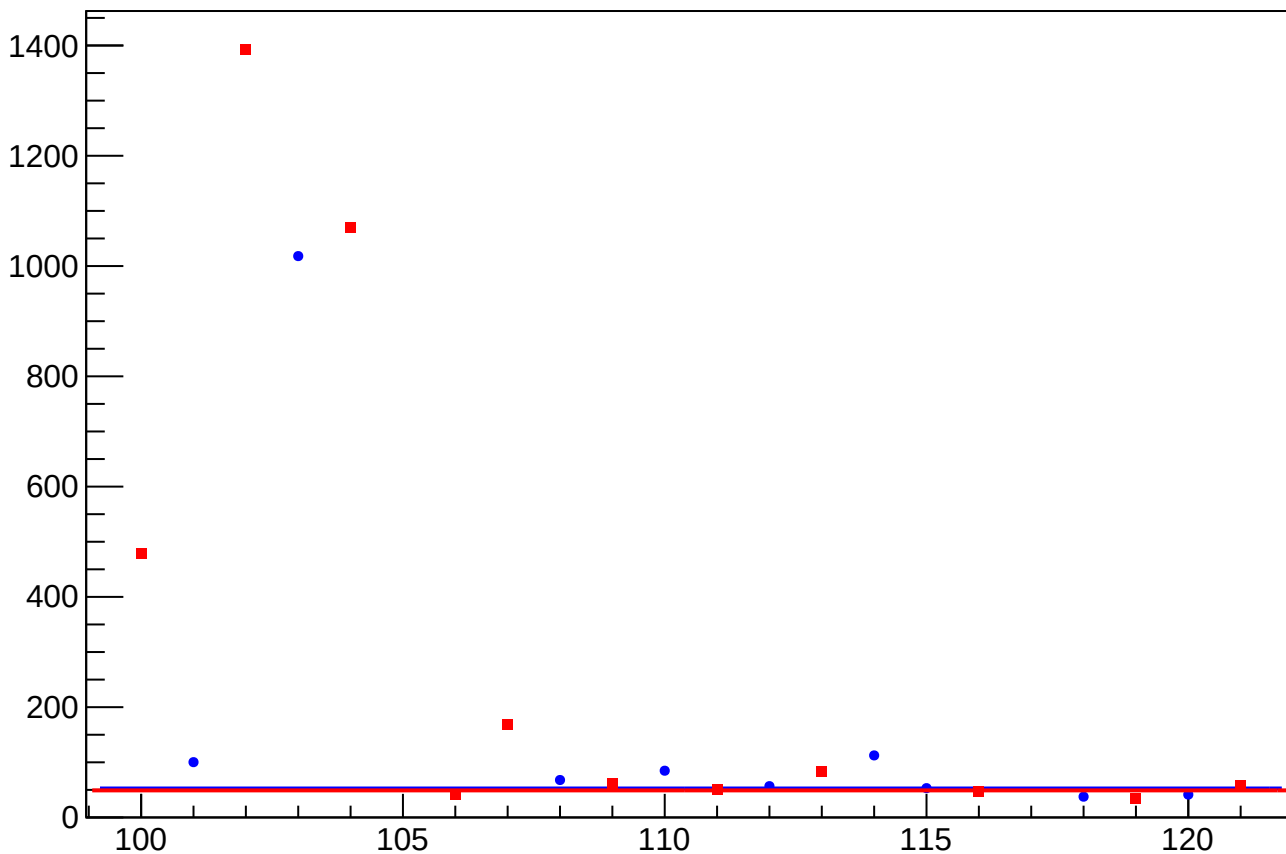
Right: -0.002+/-0.023 χ^2/NDF : 20.7/19

In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.023 χ^2/NDF : 20.7/19

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.099+/-0.023 χ^2/NDF : 2426436.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

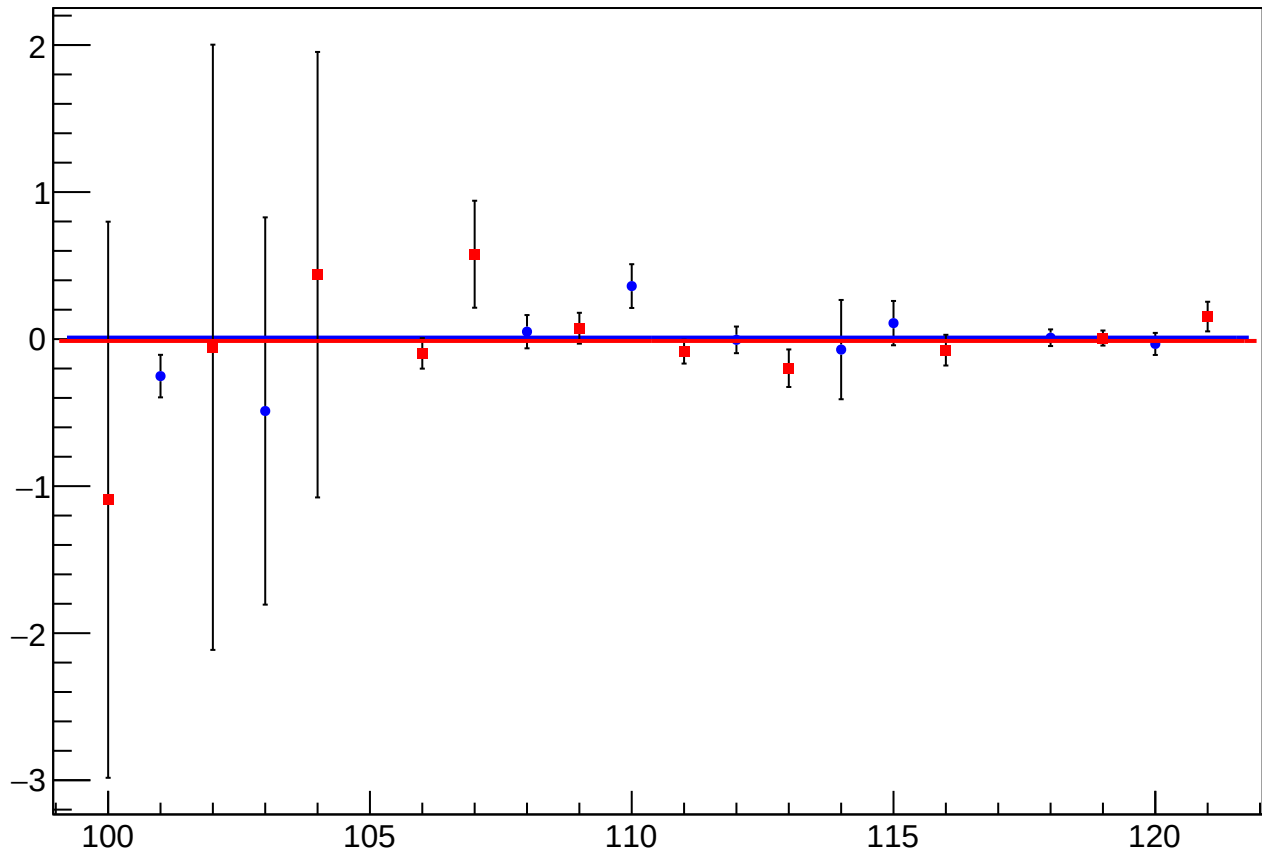
Right: 50.667+/-0.017 χ^2/NDF : 4109286.9/19

In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.667+/-0.017 χ^2/NDF : 4109286.9/19

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

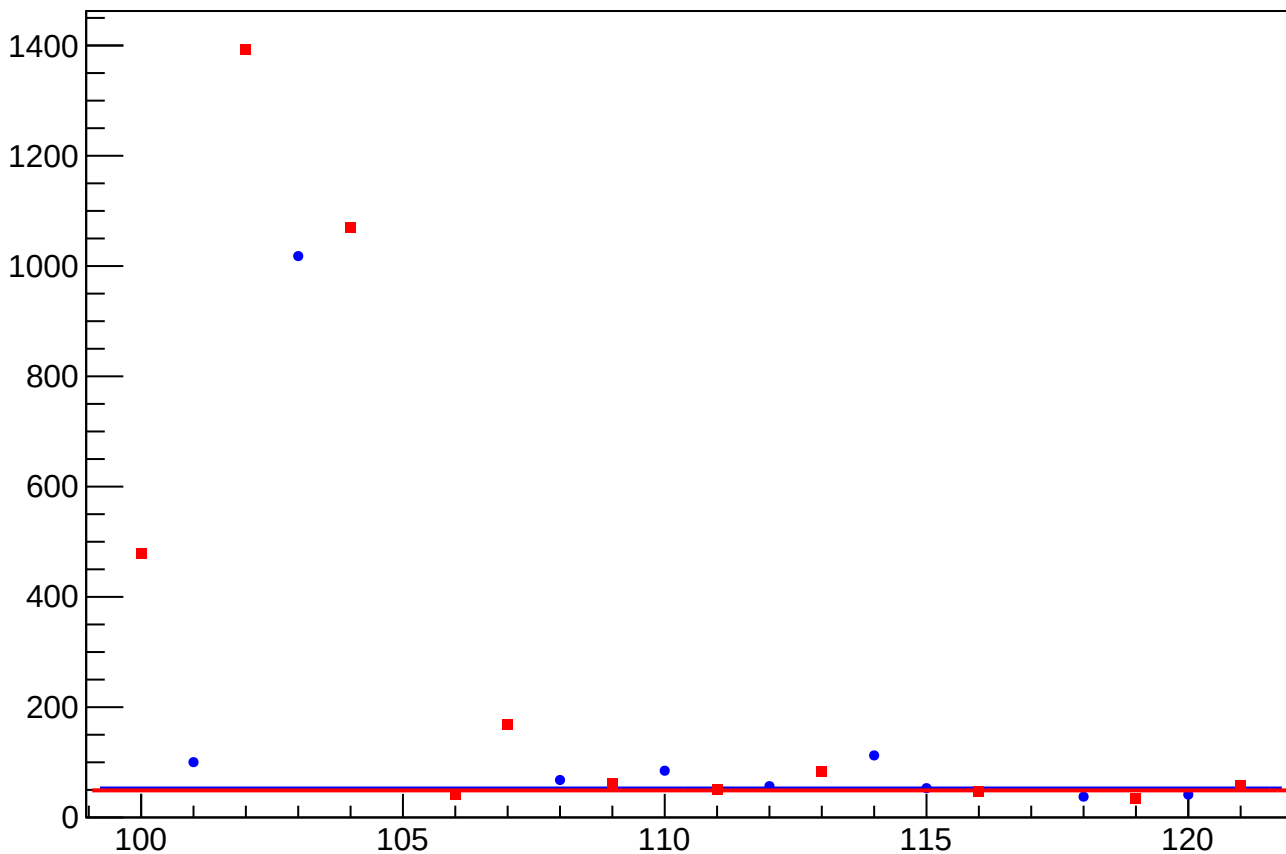
Right: -0.002+/-0.023 χ^2/NDF : 20.7/19

In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.023 χ^2/NDF : 20.7/19

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.099+/-0.023 χ^2/NDF : 2426436.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

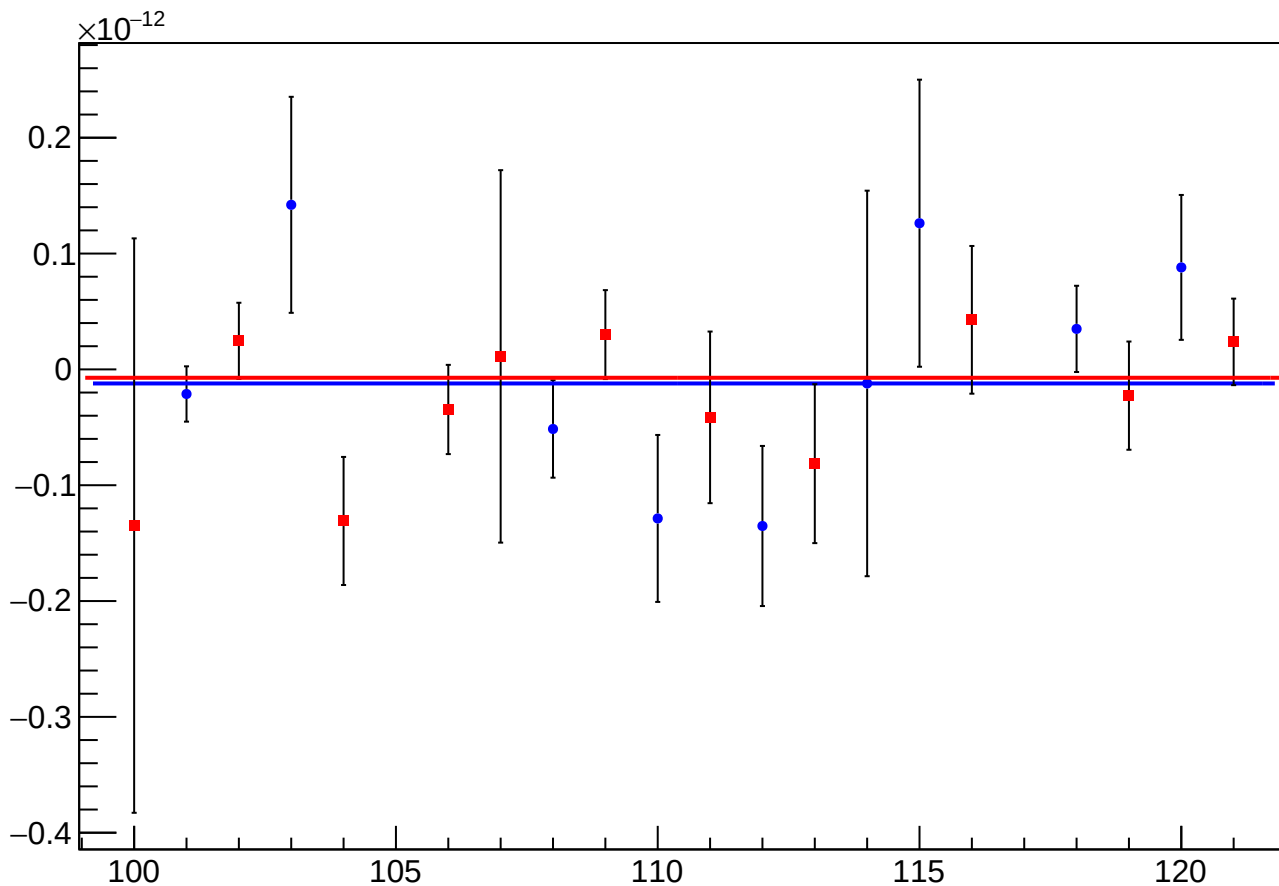
Right: 50.667+/-0.017 χ^2/NDF : 4109286.9/19

In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.667+/-0.017 χ^2/NDF : 4109286.9/19

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

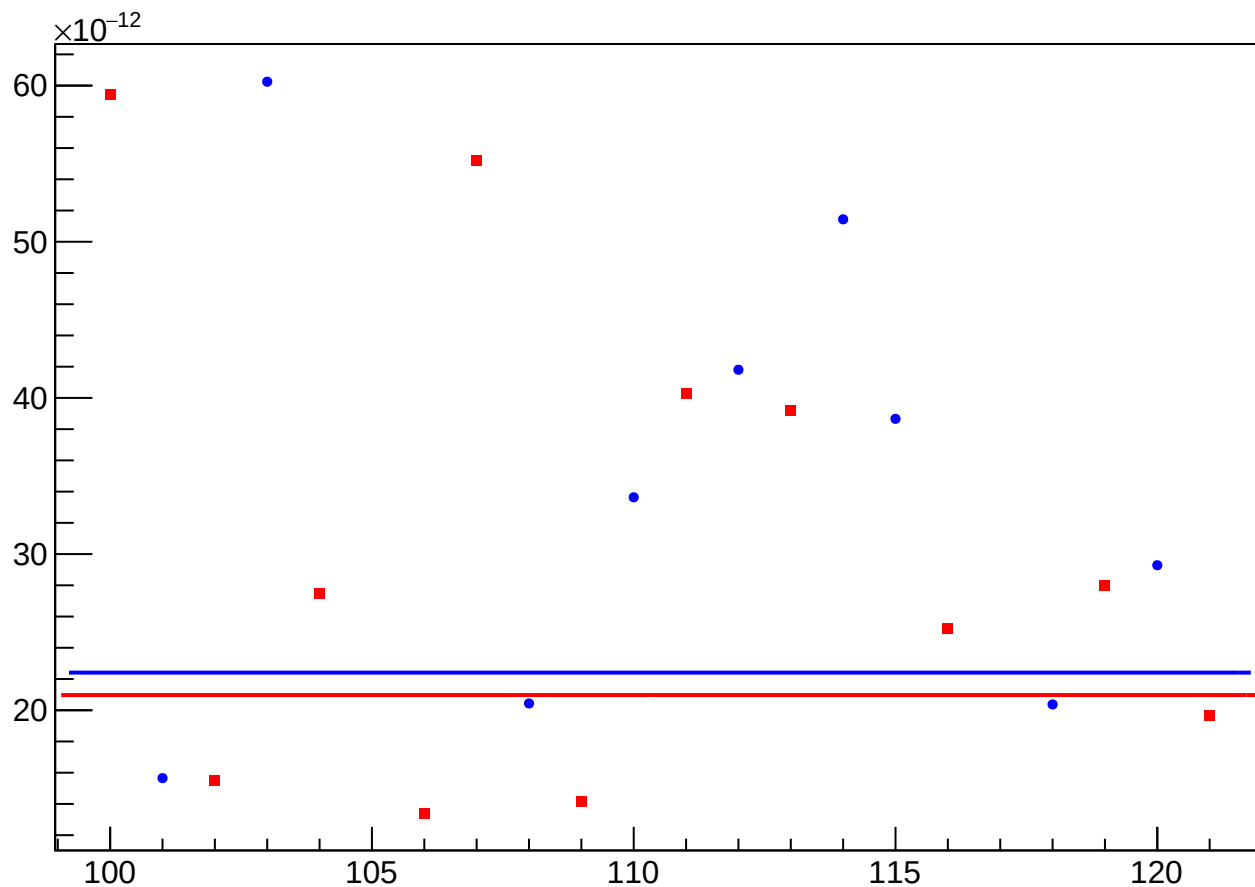
Right: -0.000+/-0.000 χ^2/NDF : 25.5/19

In: -0.000+/-0.000 χ^2/NDF : 14.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/19

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825206.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 695744.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

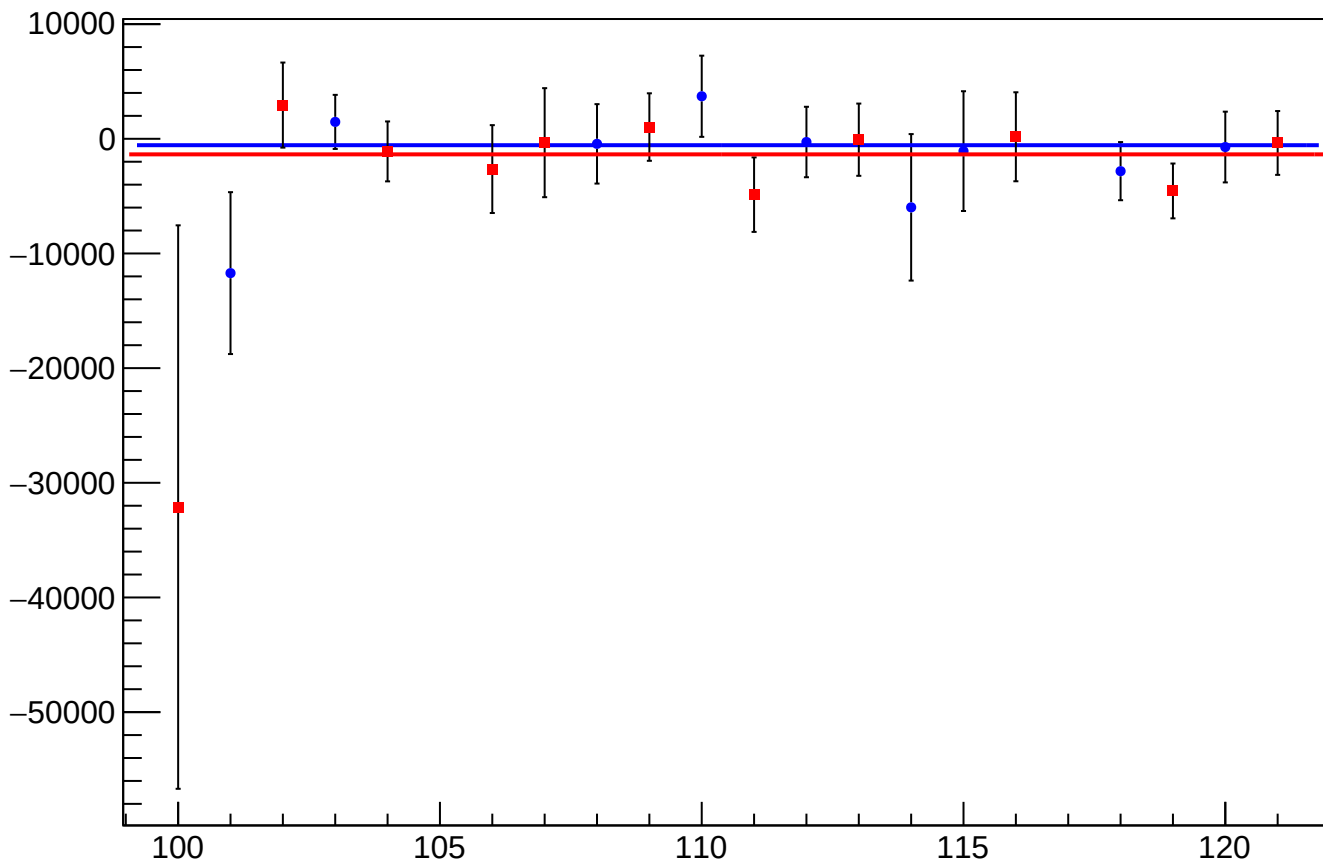
Right: 0.000+/-0.000 χ^2/NDF : 1529569.1/19

In: 0.000+/-0.000 χ^2/NDF : 825206.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1529569.1/19

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -557.987 ± 1124.515 χ^2/NDF : 6.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1357.509 ± 992.835 χ^2/NDF : 7.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

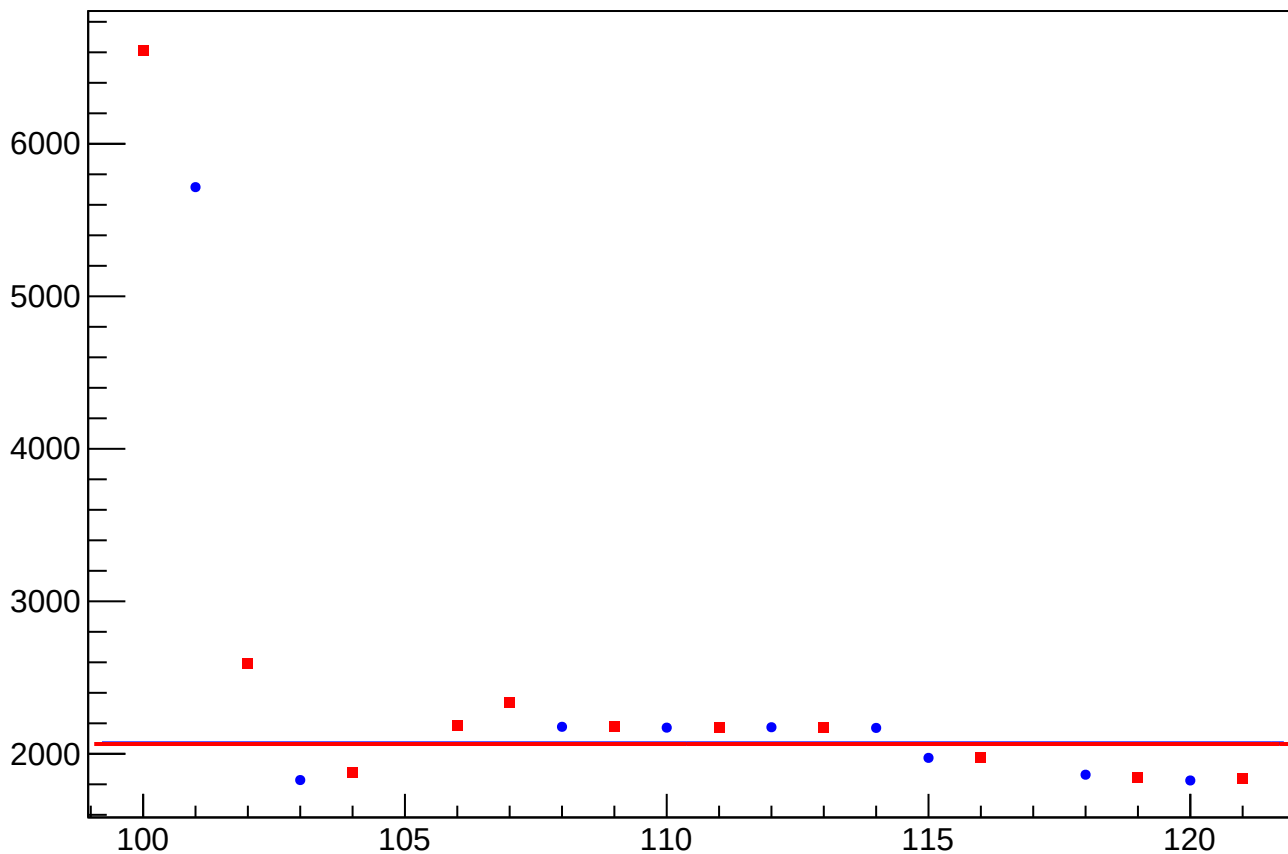
Right: -1007.279 ± 744.263 χ^2/NDF : 13.6/19

In: -557.987 ± 1124.515 χ^2/NDF : 6.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1007.279 ± 744.263 χ^2/NDF : 13.6/19

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2068.469+/-0.795 χ^2/NDF : 587578.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2064.362+/-0.702 χ^2/NDF : 166126.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

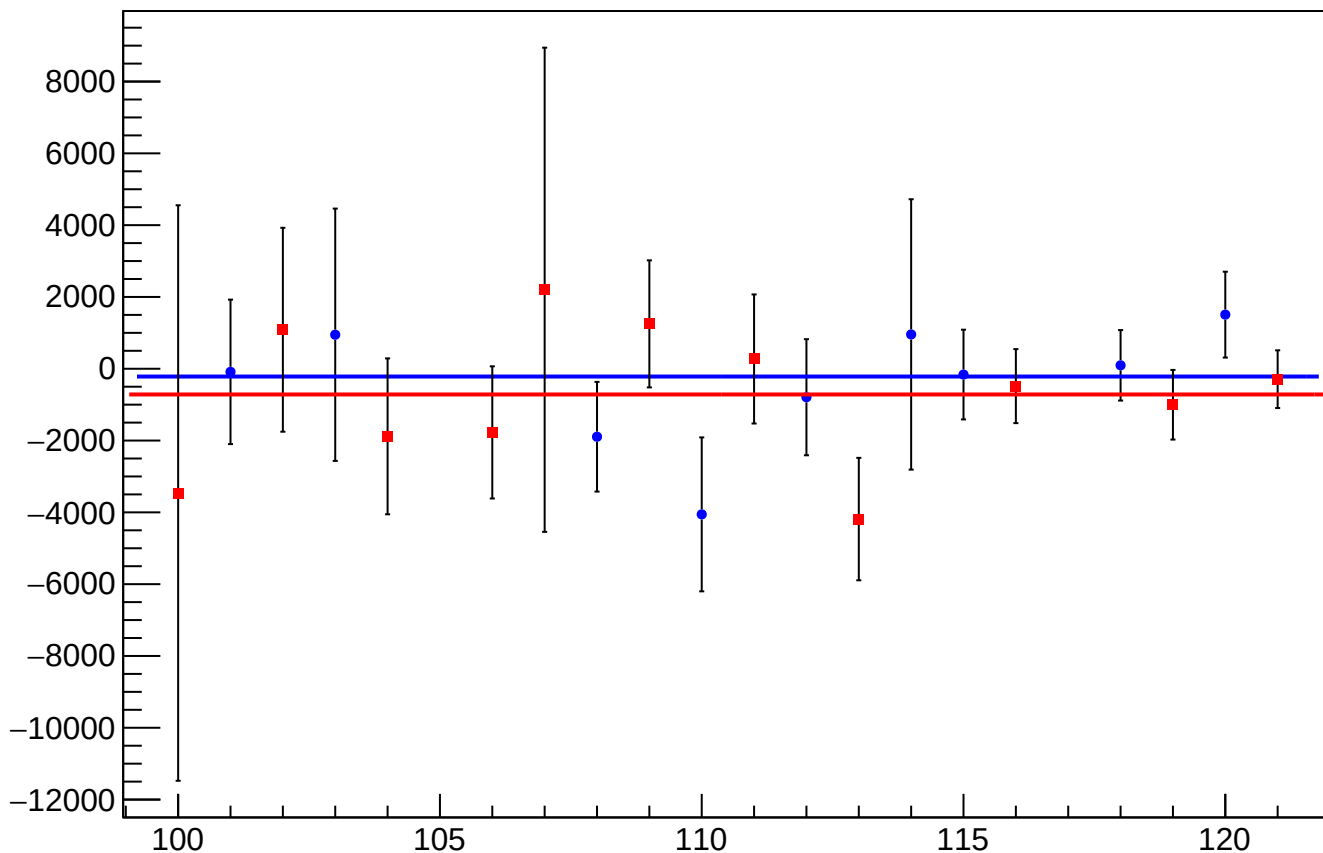
Right: 2066.161+/-0.526 χ^2/NDF : 753720.2/19

In: 2068.469+/-0.795 χ^2/NDF : 587578.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2066.161+/-0.526 χ^2/NDF : 753720.2/19

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -216.801+/-512.759 χ^2 /NDF: 6.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -716.377+/-438.846 χ^2 /NDF: 7.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

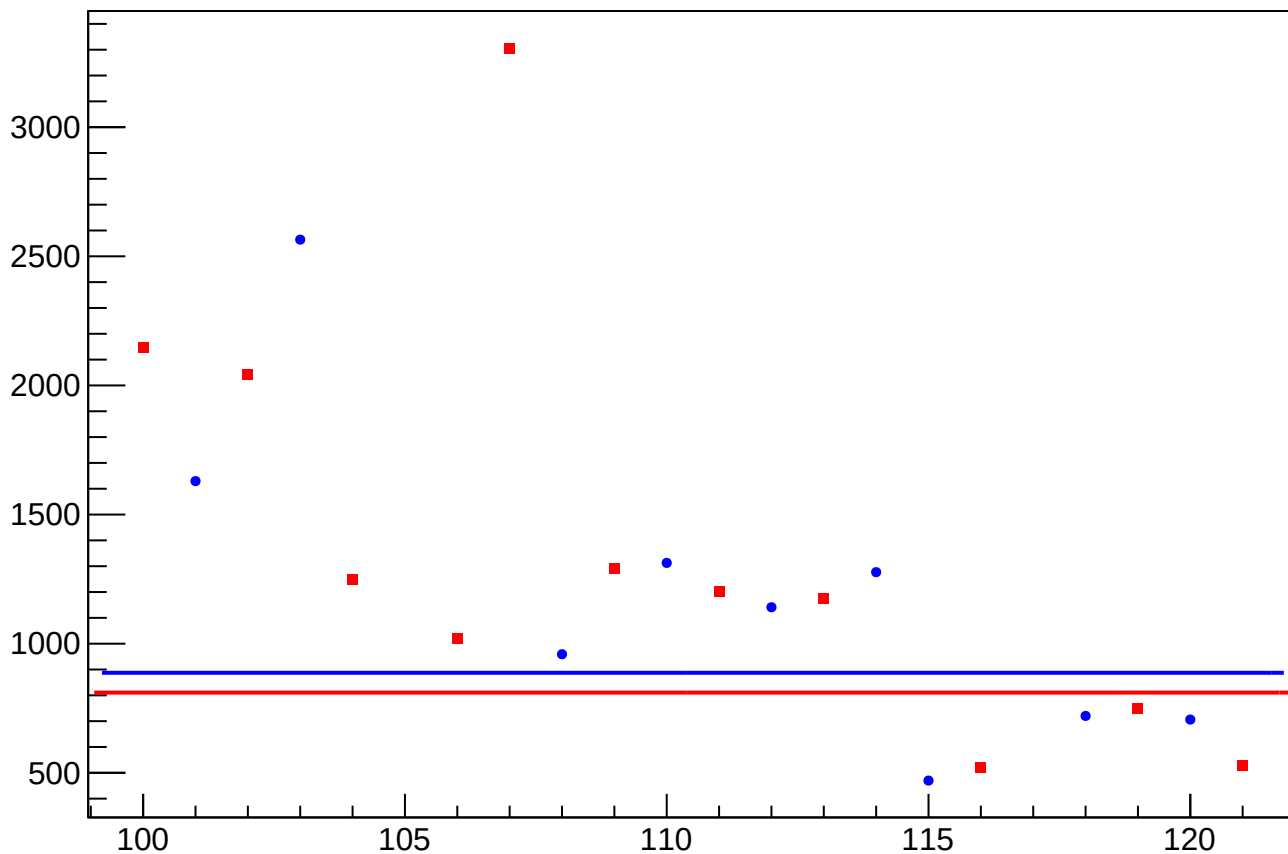
Right: -505.159+/-333.409 χ^2 /NDF: 14.9/19

In: -216.801+/-512.759 χ^2 /NDF:6.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -505.159+/-333.409 χ^2 /NDF: 14.9/19

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 887.296+/-0.363 χ^2/NDF : 1208470.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 810.627+/-0.310 χ^2/NDF : 1562749.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

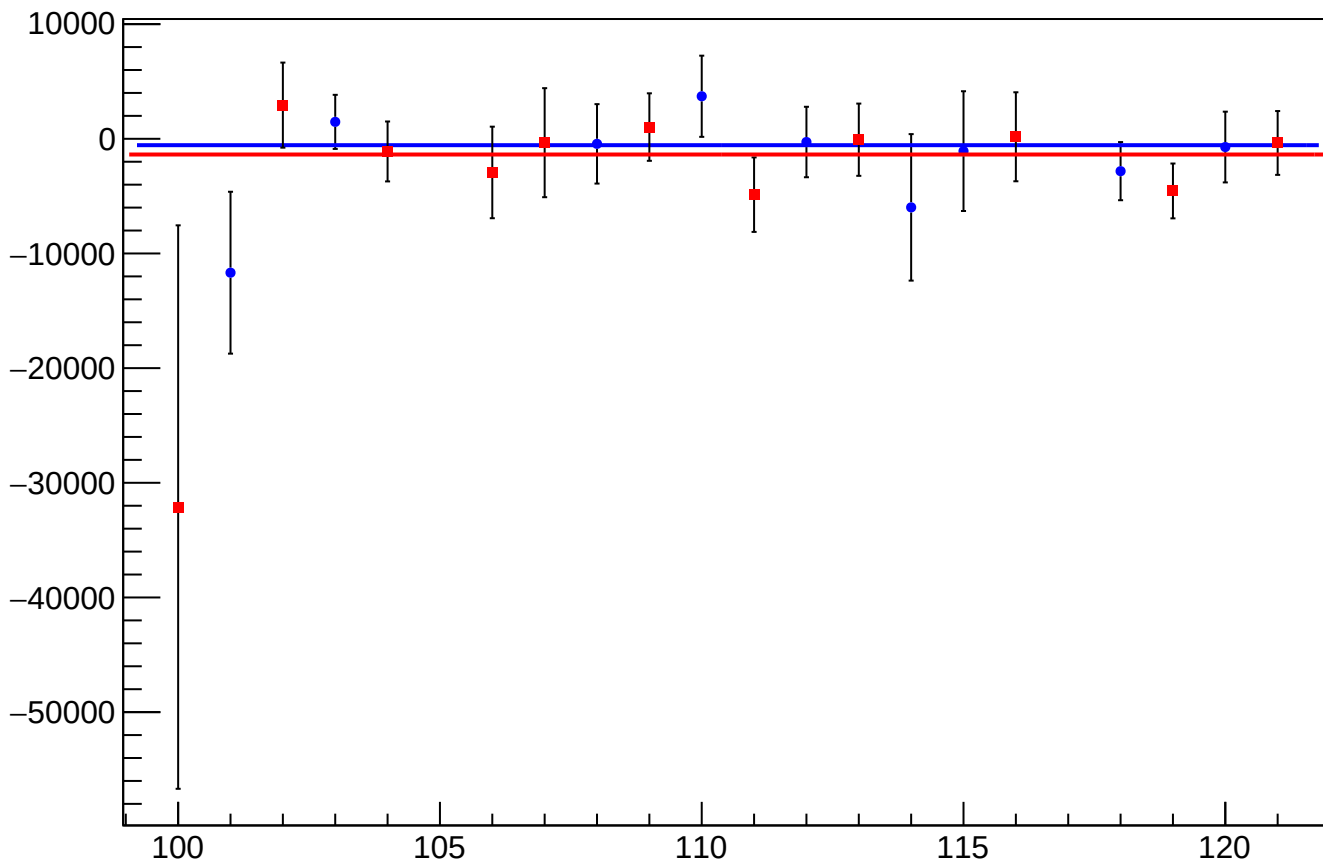
Right: 843.042+/-0.236 χ^2/NDF : 2797029.6/19

In: 887.296+/-0.363 χ^2/NDF : 1208470.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.042+/-0.236 χ^2/NDF : 2797029.6/19

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1369.911+/-995.476 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

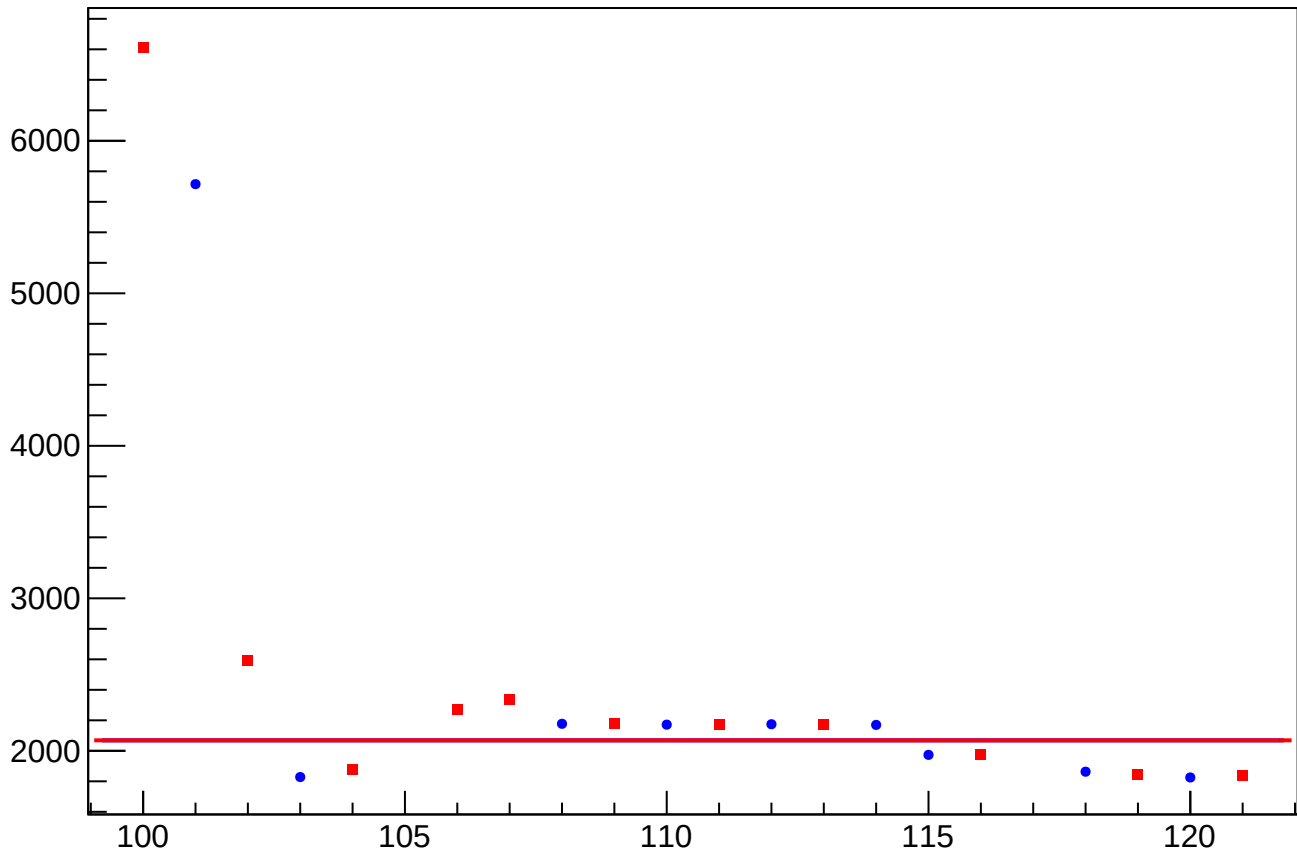
Right: -1012.446+/-745.374 χ^2/NDF : 13.7/19

In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.446+/-745.374 χ^2/NDF : 13.7/19

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2068.469+/-0.795 χ^2/NDF : 587578.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2068.801+/-0.704 χ^2/NDF : 169293.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

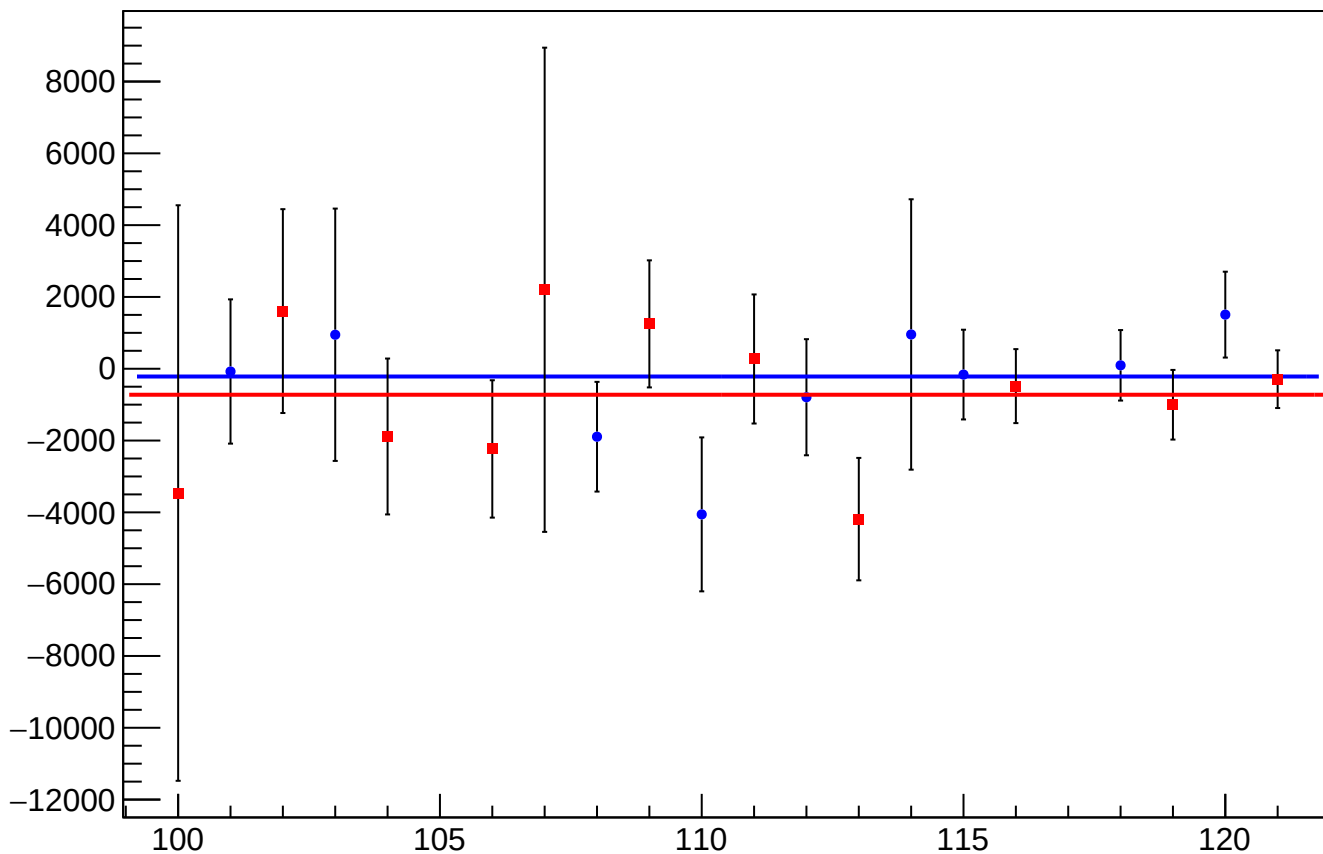
Right: 2068.655+/-0.527 χ^2/NDF : 756872.2/19

In: 2068.469+/-0.795 χ^2/NDF : 587578.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.655+/-0.527 χ^2/NDF : 756872.2/19

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -216.289+/-512.701 χ^2 /NDF: 6.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -724.061+/-439.745 χ^2 /NDF: 8.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

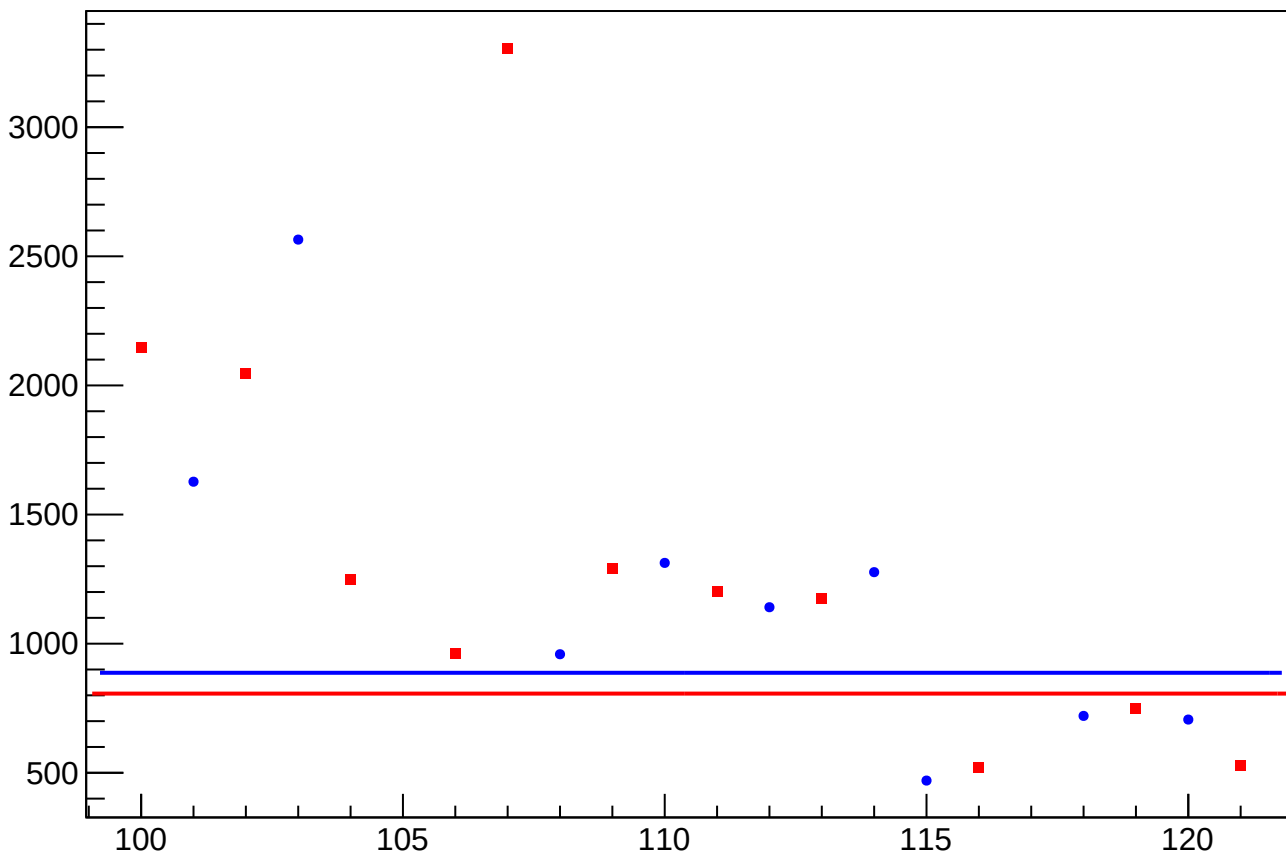
Right: -508.843+/-333.787 χ^2 /NDF: 15.5/19

In: -216.289+/-512.701 χ^2 /NDF:6.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -508.843+/-333.787 χ^2 /NDF: 15.5/19

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.694+/-0.311 χ^2/NDF : 1551755.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

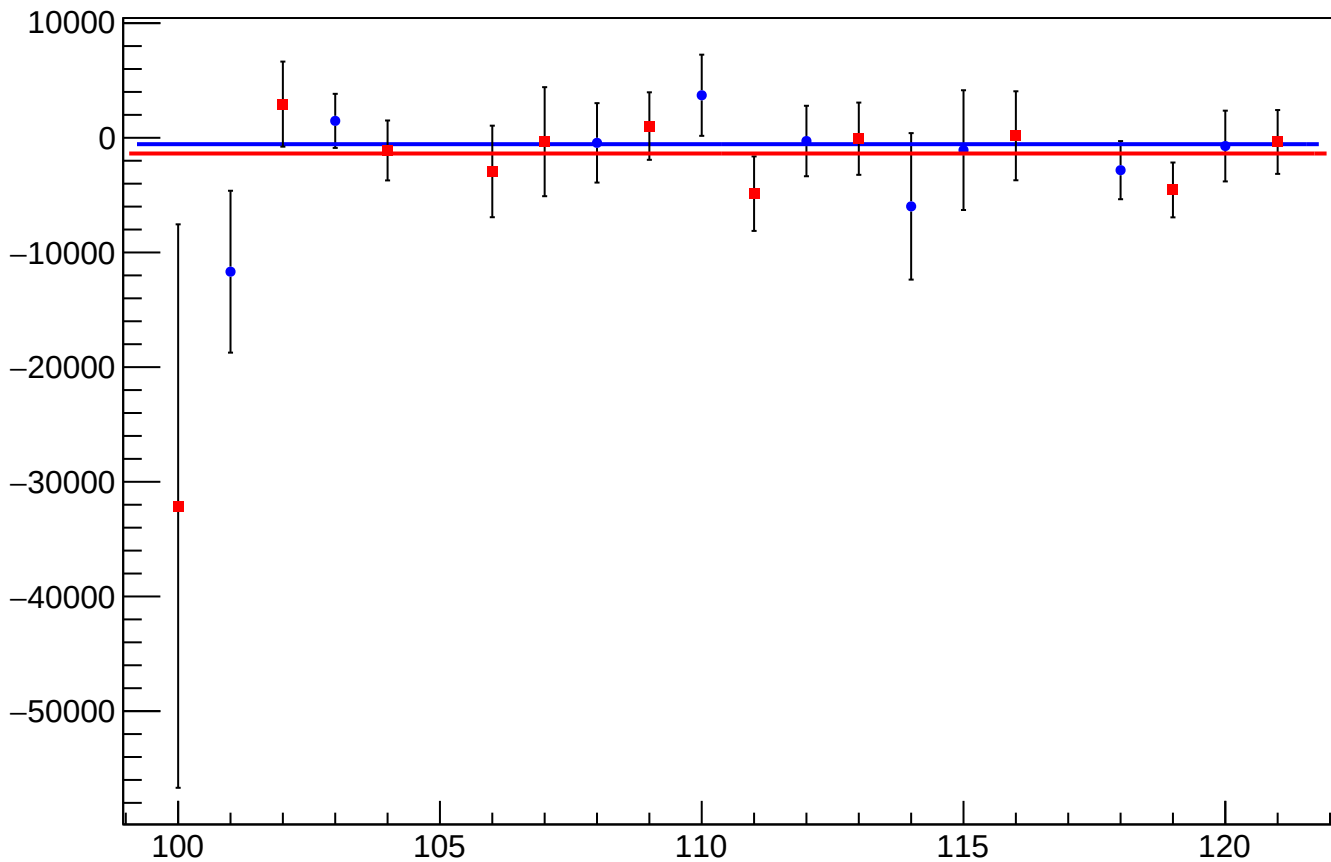
Right: 840.842+/-0.236 χ^2/NDF : 2787841.6/19

In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.842+/-0.236 χ^2/NDF : 2787841.6/19

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1369.911+/-995.476 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

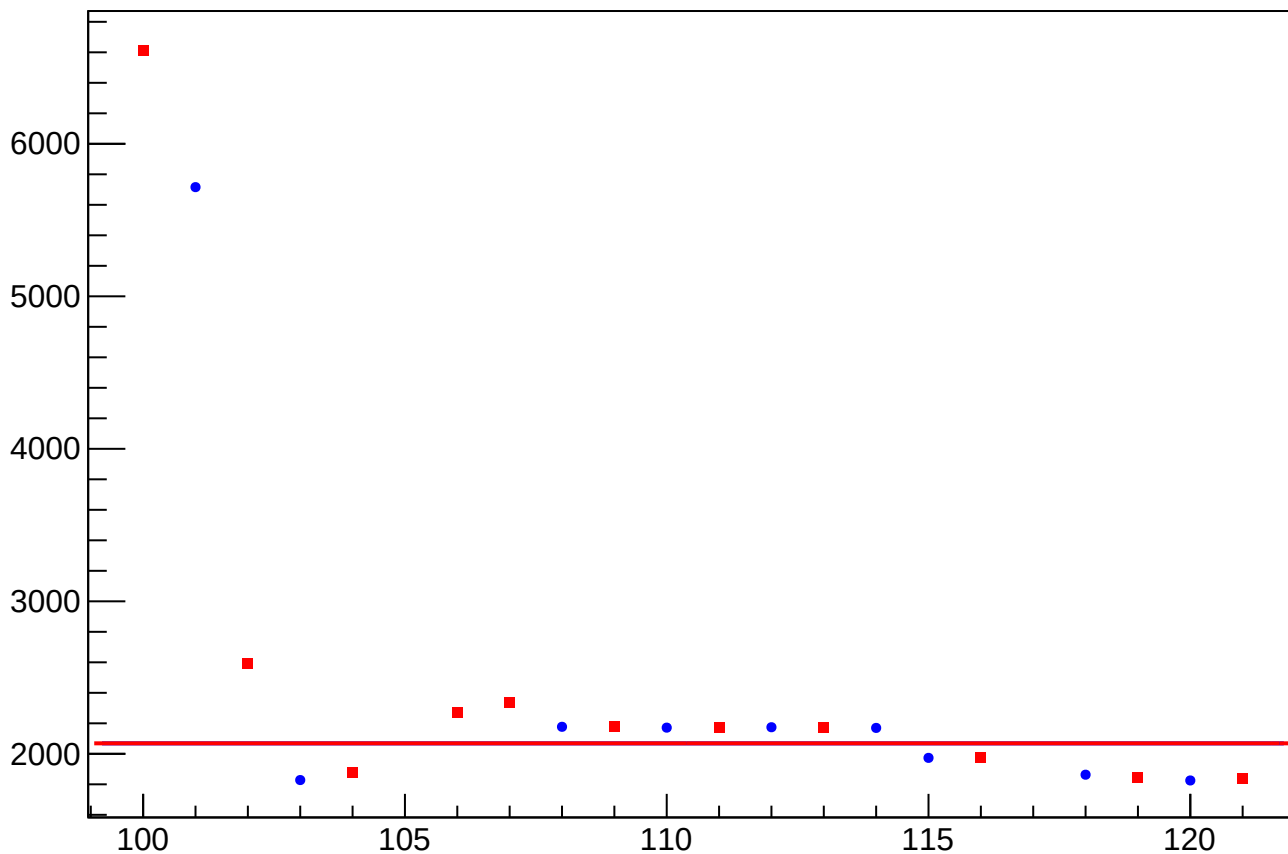
Right: -1012.446+/-745.374 χ^2/NDF : 13.7/19

In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.446+/-745.374 χ^2/NDF : 13.7/19

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2068.469+/-0.795 χ^2/NDF : 587578.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2068.801+/-0.704 χ^2/NDF : 169293.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

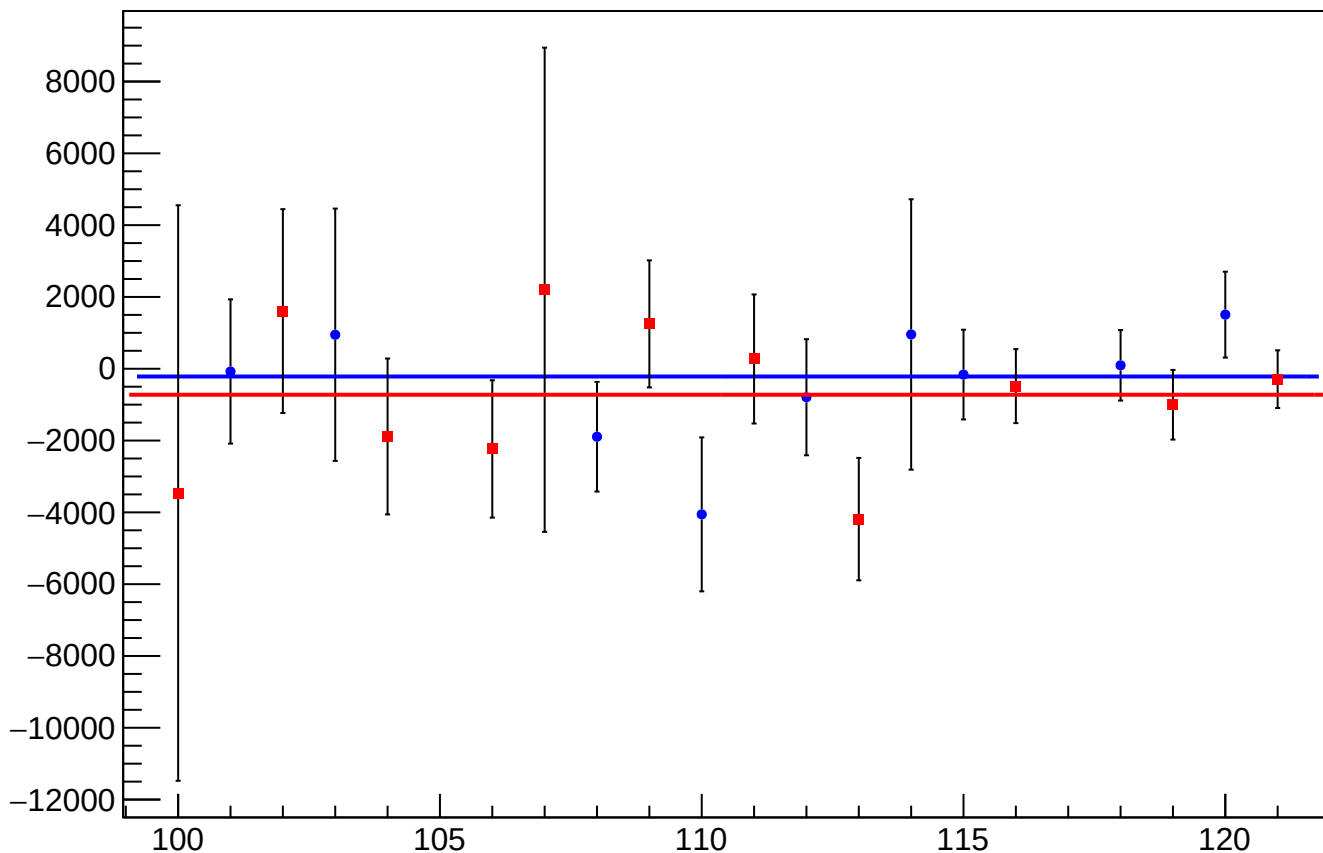
Right: 2068.655+/-0.527 χ^2/NDF : 756872.2/19

In: 2068.469+/-0.795 χ^2/NDF : 587578.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.655+/-0.527 χ^2/NDF : 756872.2/19

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -216.289+/-512.701 χ^2 /NDF: 6.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -724.061+/-439.745 χ^2 /NDF: 8.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

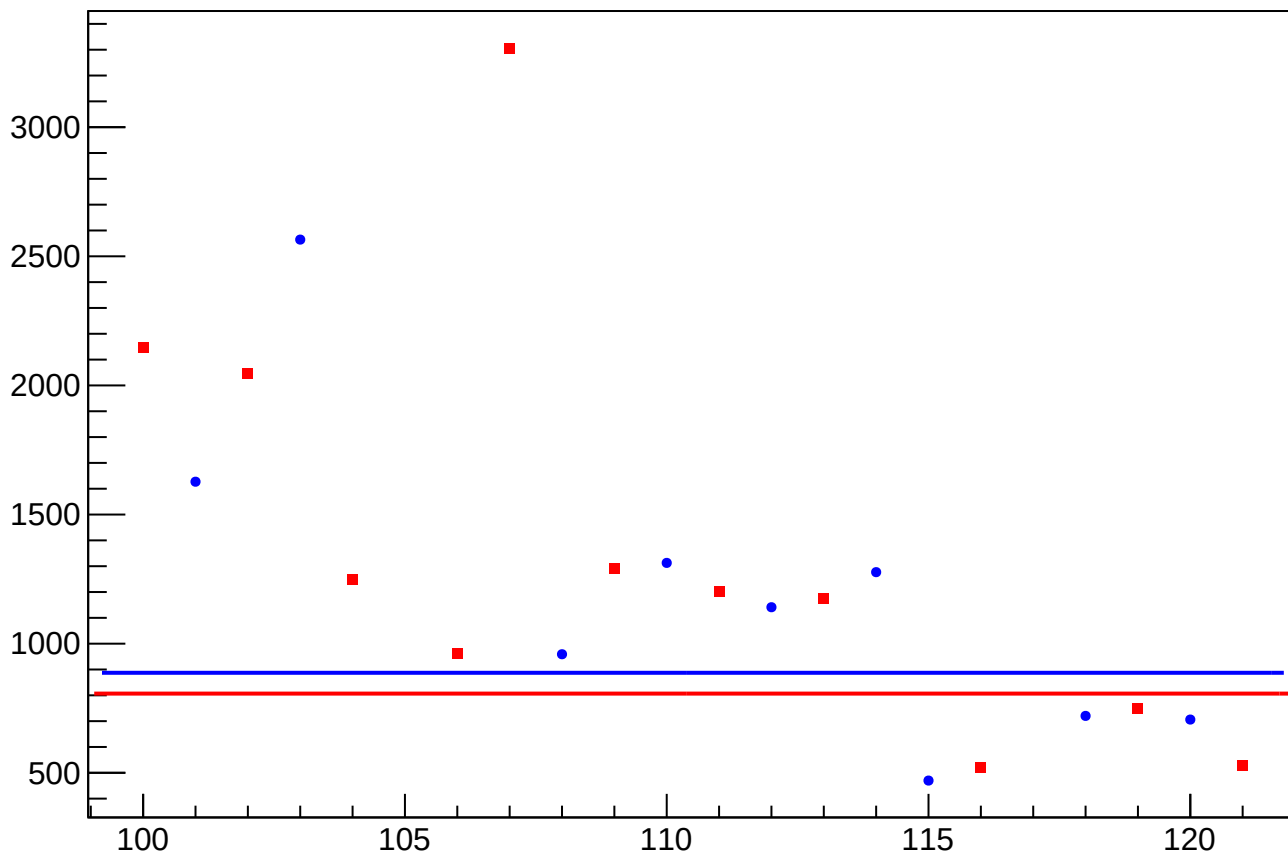
Right: -508.843+/-333.787 χ^2 /NDF: 15.5/19

In: -216.289+/-512.701 χ^2 /NDF:6.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -508.843+/-333.787 χ^2 /NDF: 15.5/19

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.694+/-0.311 χ^2/NDF : 1551755.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

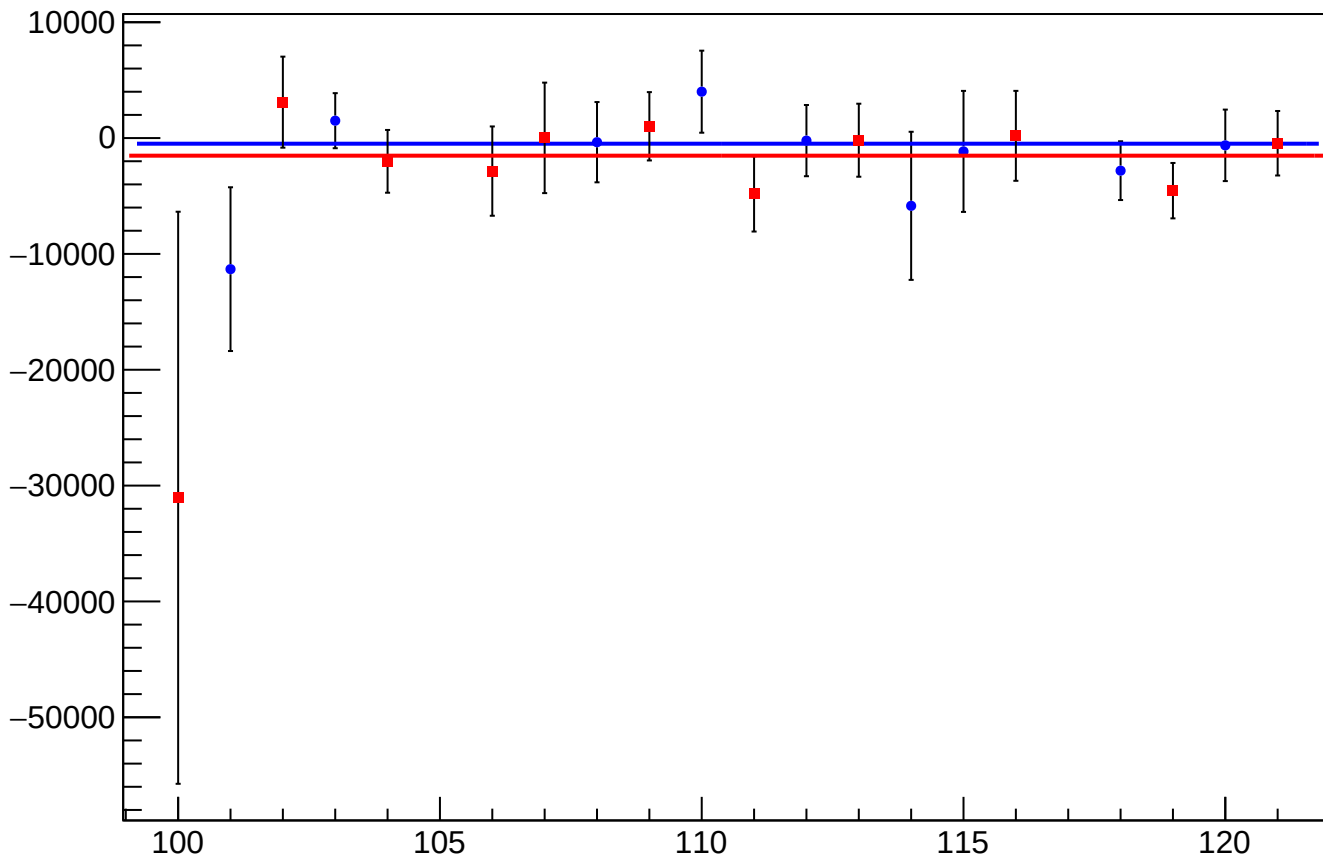
Right: 840.842+/-0.236 χ^2/NDF : 2787841.6/19

In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.842+/-0.236 χ^2/NDF : 2787841.6/19

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -486.605+/-1126.812 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1519.982+/-1002.789 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

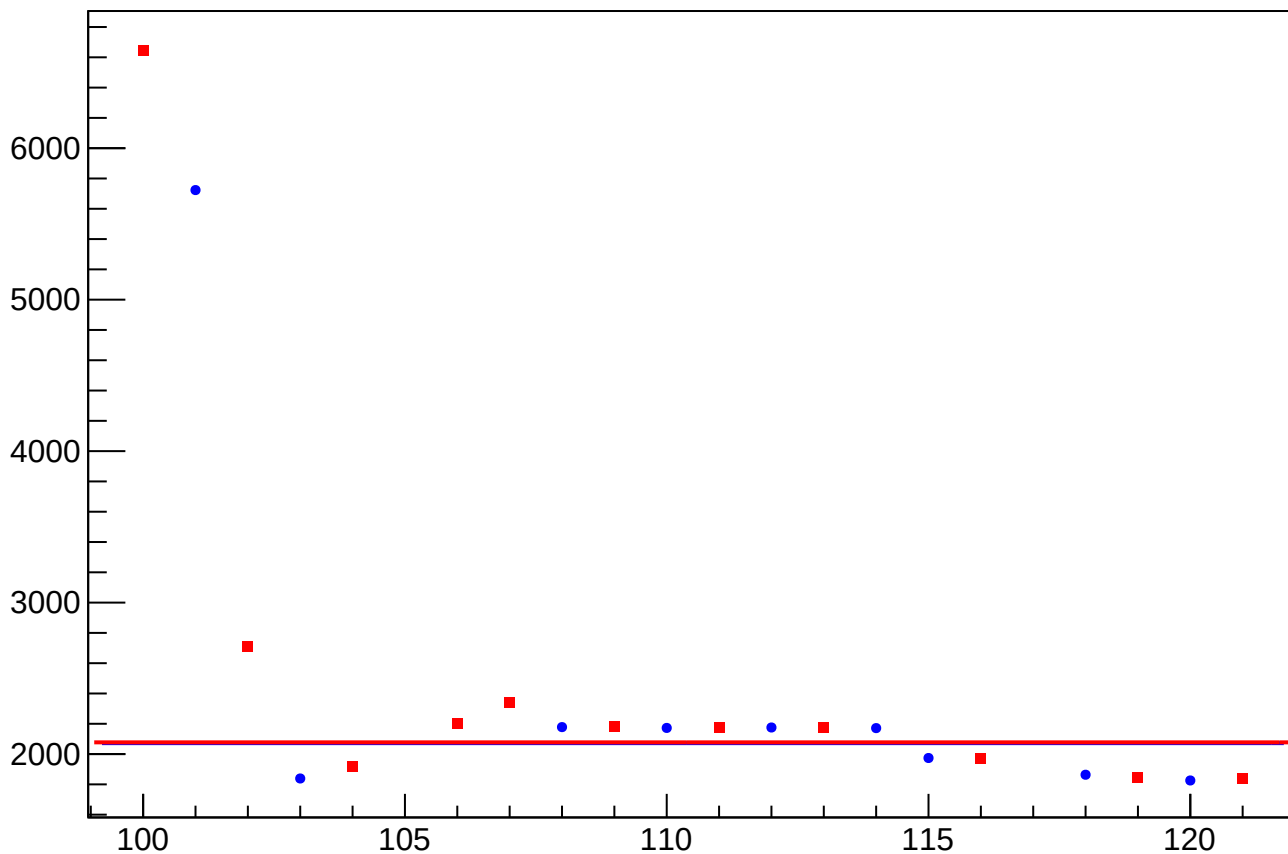
Right: -1063.271+/-749.105 χ^2/NDF : 13.7/19

In: -486.605+/-1126.812 χ^2/NDF :6.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1063.271+/-749.105 χ^2/NDF : 13.7/19

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2072.256+/-0.797 χ^2/NDF : 586232.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.391+/-0.709 χ^2/NDF : 176579.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

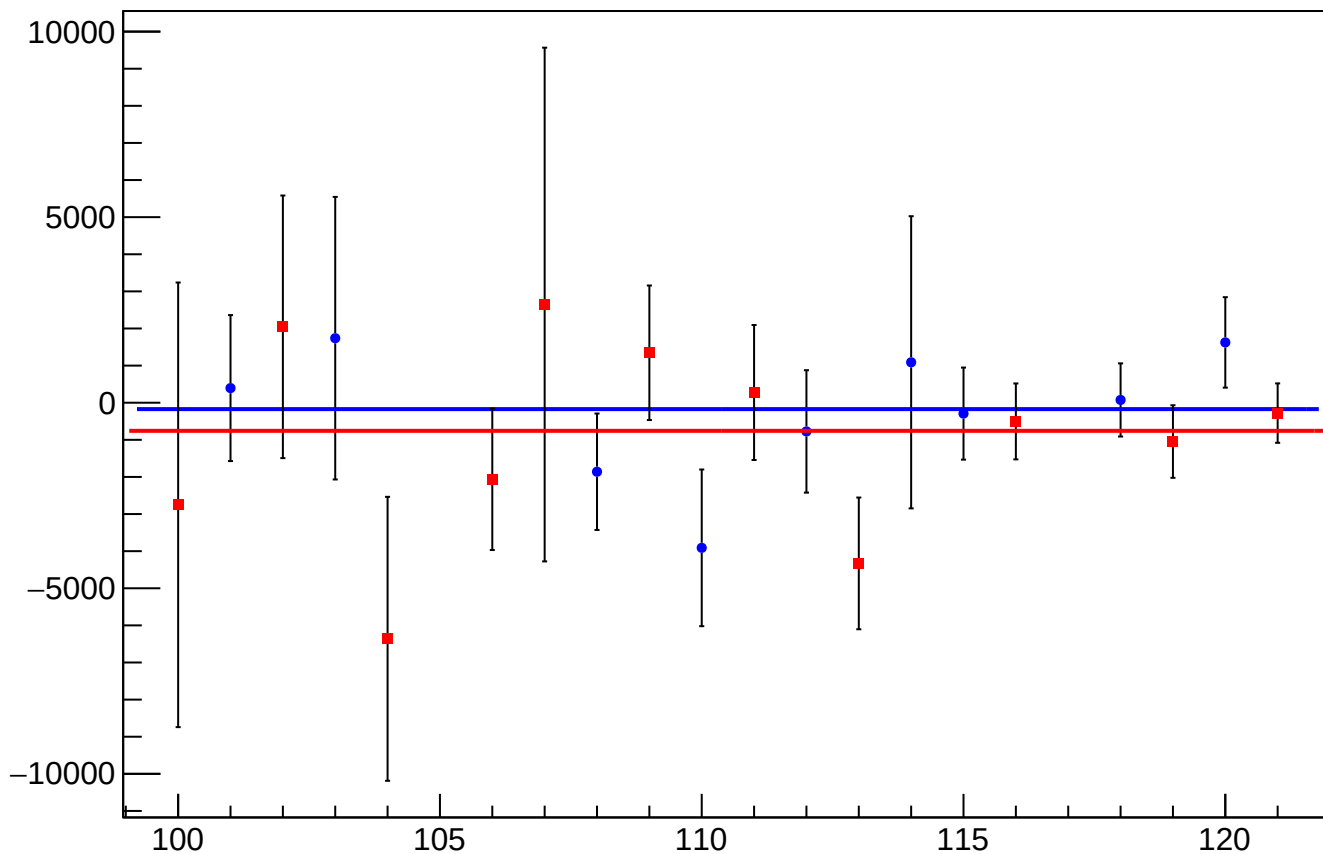
Right: 2075.122+/-0.530 χ^2/NDF : 762834.8/19

In: 2072.256+/-0.797 χ^2/NDF : 586232.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.122+/-0.530 χ^2/NDF : 762834.8/19

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -172.457+/-516.894 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -757.375+/-449.029 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

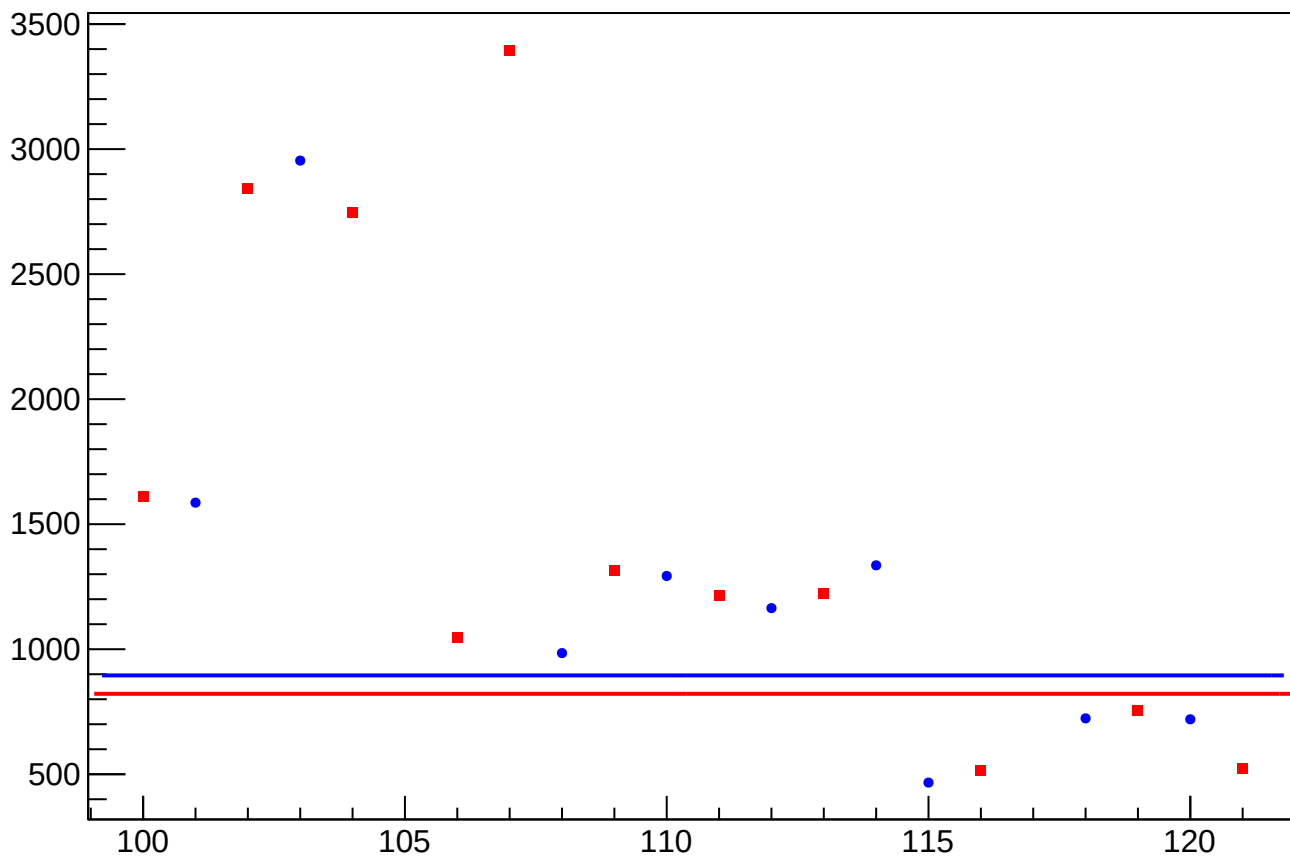
Right: -505.811+/-338.984 χ^2/NDF : 17.7/19

In: -172.457+/-516.894 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -505.811+/-338.984 χ^2/NDF : 17.7/19

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 895.257+/-0.365 χ^2/NDF : 1328484.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.718+/-0.318 χ^2/NDF : 2305175.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

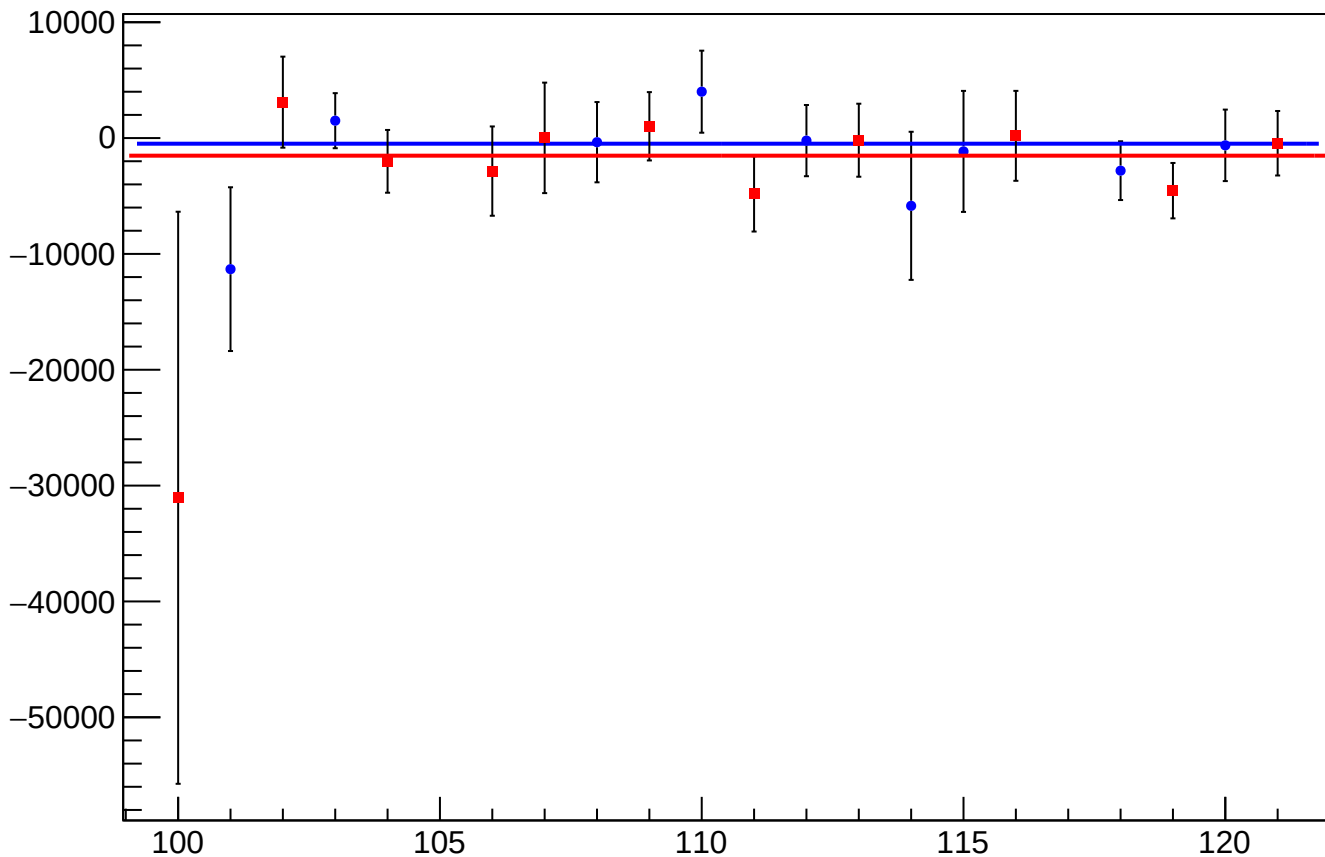
Right: 853.346+/-0.240 χ^2/NDF : 3656731.2/19

In: 895.257+/-0.365 χ^2/NDF : 1328484.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.346+/-0.240 χ^2/NDF : 3656731.2/19

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -486.606+/-1126.812 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1519.983+/-1002.789 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

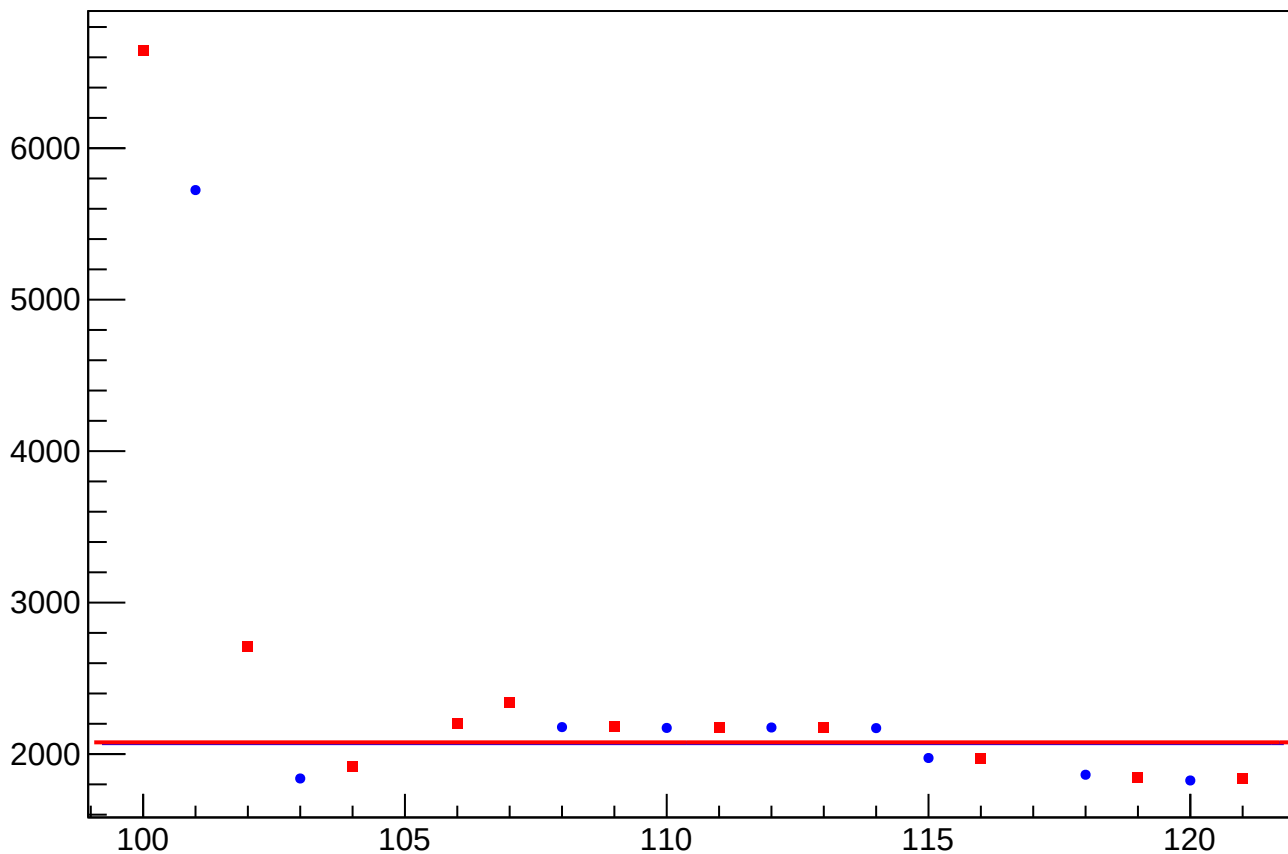
Right: -1063.273+/-749.105 χ^2/NDF : 13.7/19

In: -486.606+/-1126.812 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1063.273+/-749.105 χ^2/NDF : 13.7/19

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2072.256+/-0.797 χ^2/NDF : 586232.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.391+/-0.709 χ^2/NDF : 176579.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

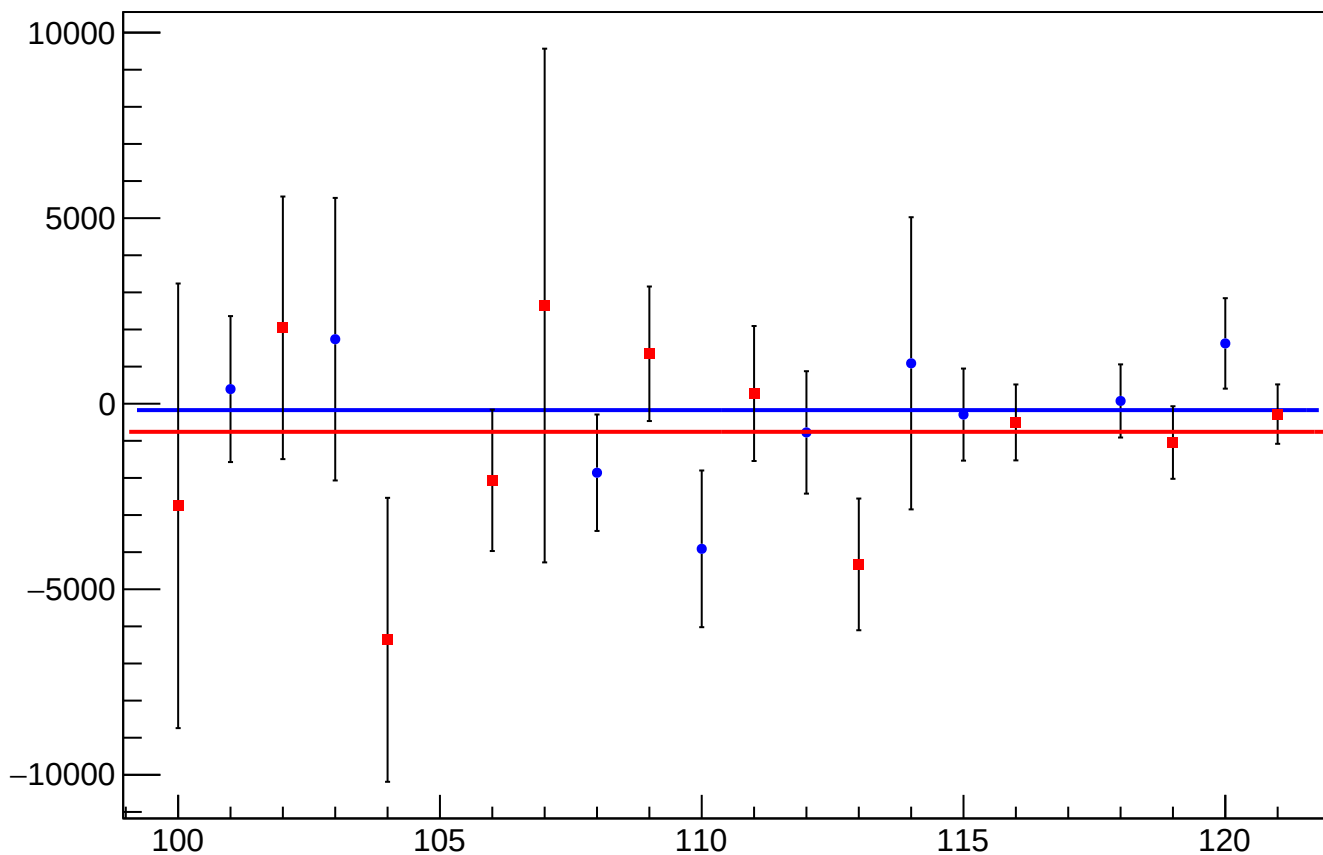
Right: 2075.121+/-0.530 χ^2/NDF : 762834.8/19

In: 2072.256+/-0.797 χ^2/NDF : 586232.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.121+/-0.530 χ^2/NDF : 762834.8/19

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -172.459+/-516.894 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -757.375+/-449.029 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

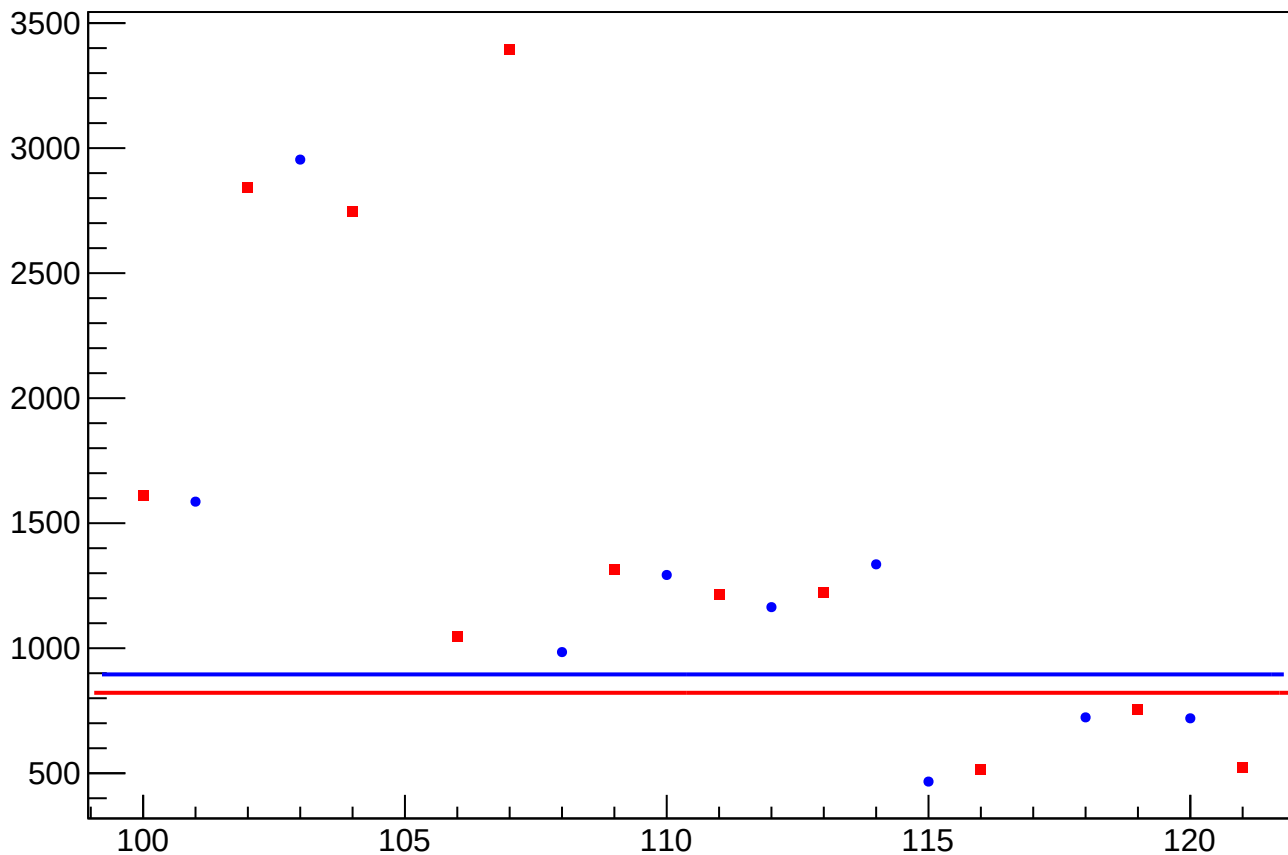
Right: -505.810+/-338.984 χ^2/NDF : 17.7/19

In: -172.459+/-516.894 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -505.810+/-338.984 χ^2/NDF : 17.7/19

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 895.255+/-0.365 χ^2/NDF : 1328489.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.717+/-0.318 χ^2/NDF : 2305178.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

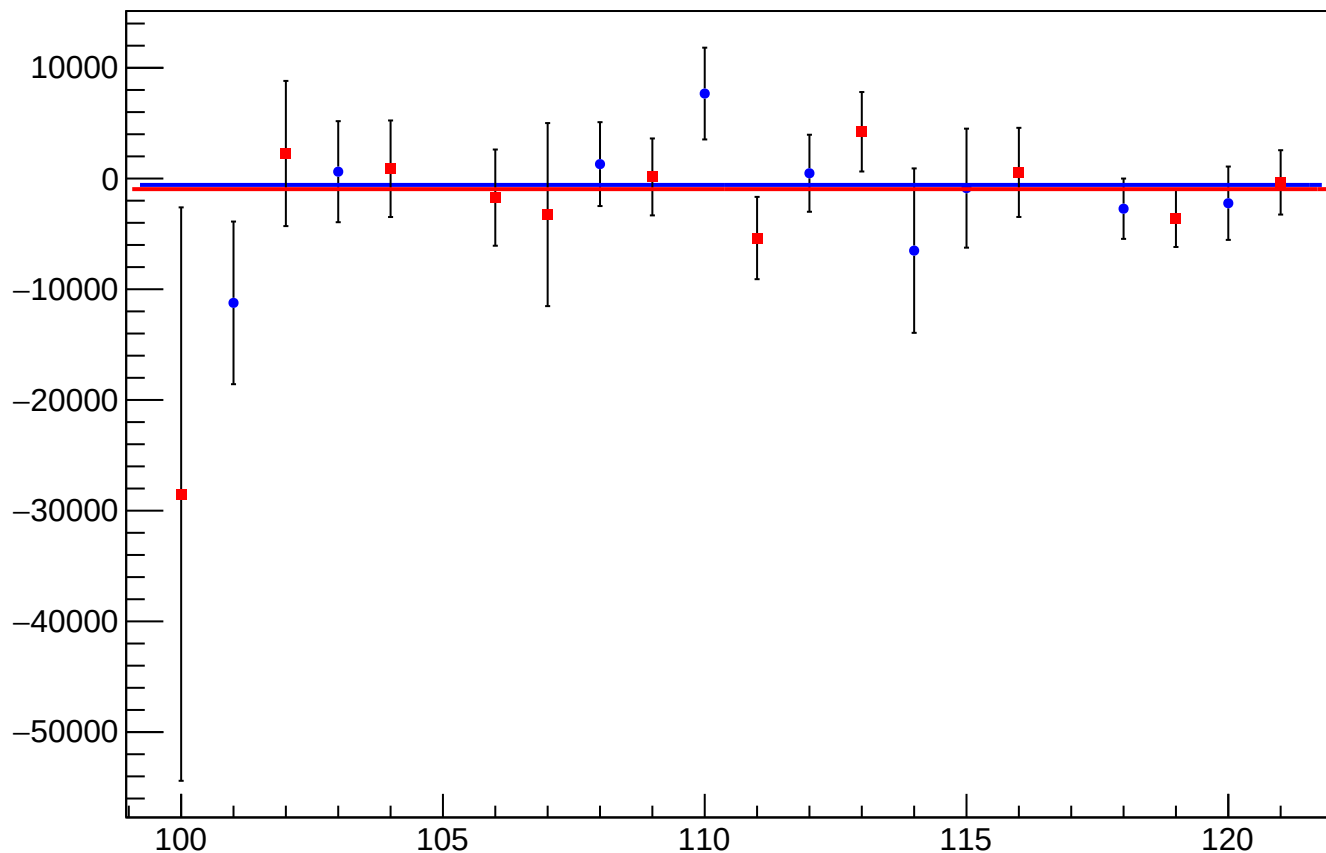
Right: 853.345+/-0.240 χ^2/NDF : 3656738.5/19

In: 895.255+/-0.365 χ^2/NDF : 1328489.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.345+/-0.240 χ^2/NDF : 3656738.5/19

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -576.135+/-1341.480 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -957.898+/-1188.650 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

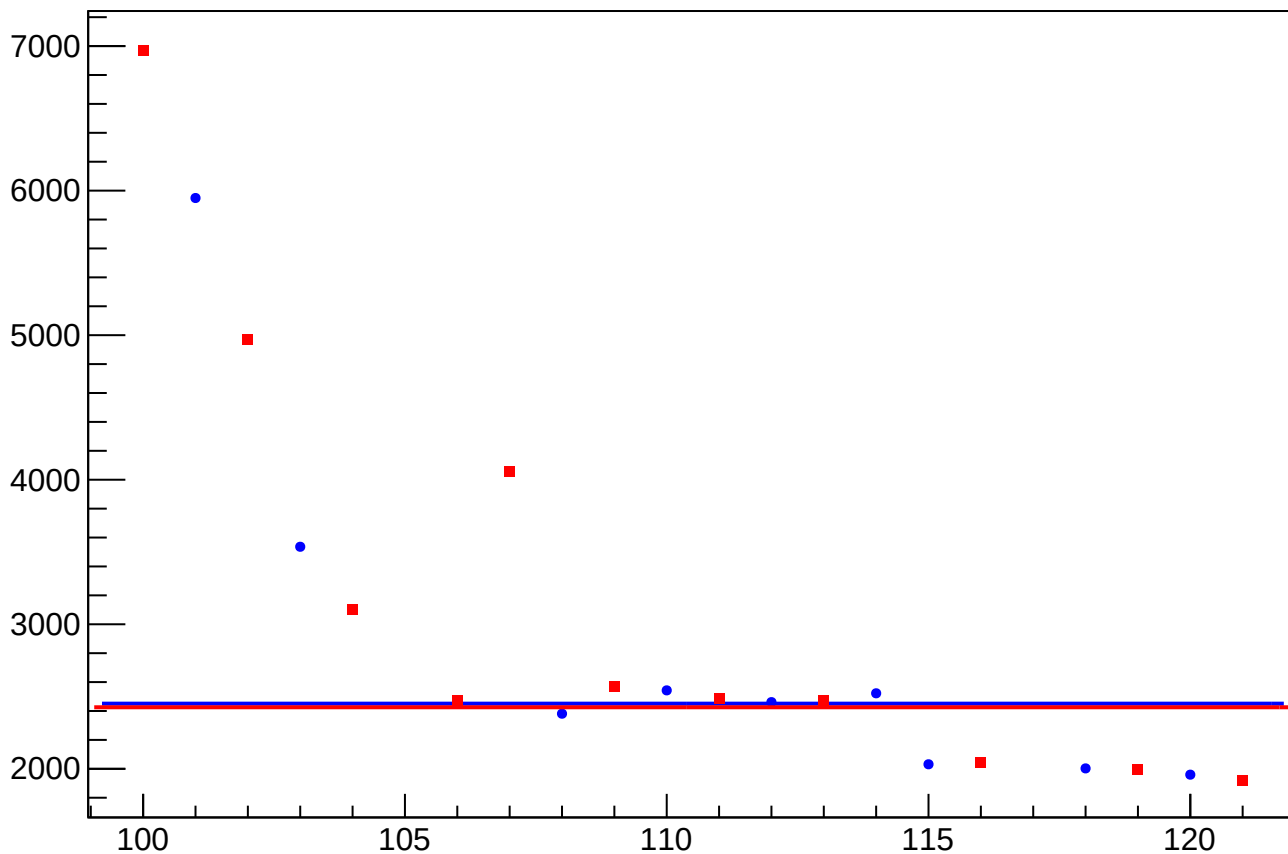
Right: -789.992+/-889.651 χ^2/NDF : 14.5/19

In: -576.135+/-1341.480 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -789.992+/-889.651 χ^2/NDF : 14.5/19

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2450.809+/-0.949 χ^2/NDF : 678866.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2425.729+/-0.840 χ^2/NDF : 626934.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

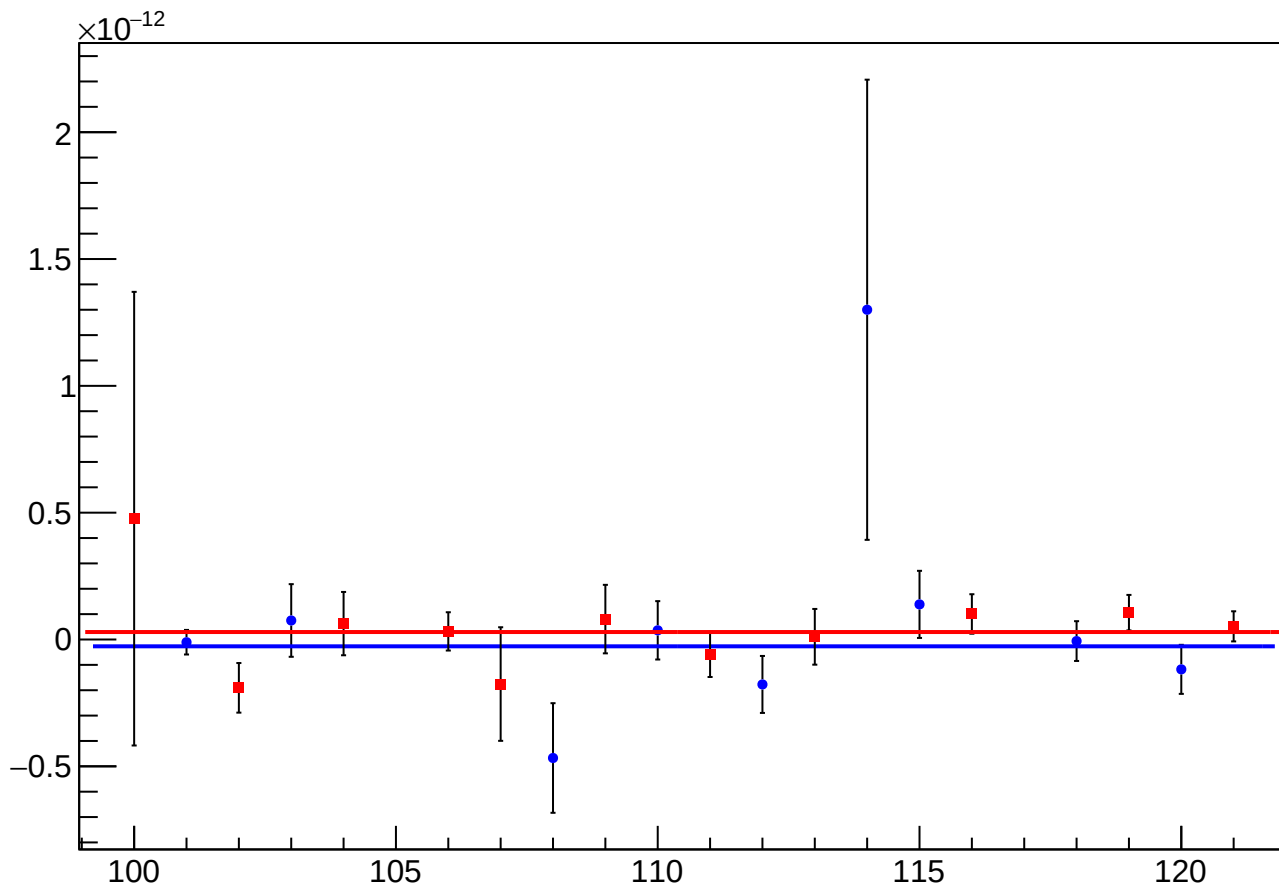
Right: 2436.759+/-0.629 χ^2/NDF : 1306192.7/19

In: 2450.809+/-0.949 χ^2/NDF :678866.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2436.759+/-0.629 χ^2/NDF : 1306192.7/19

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

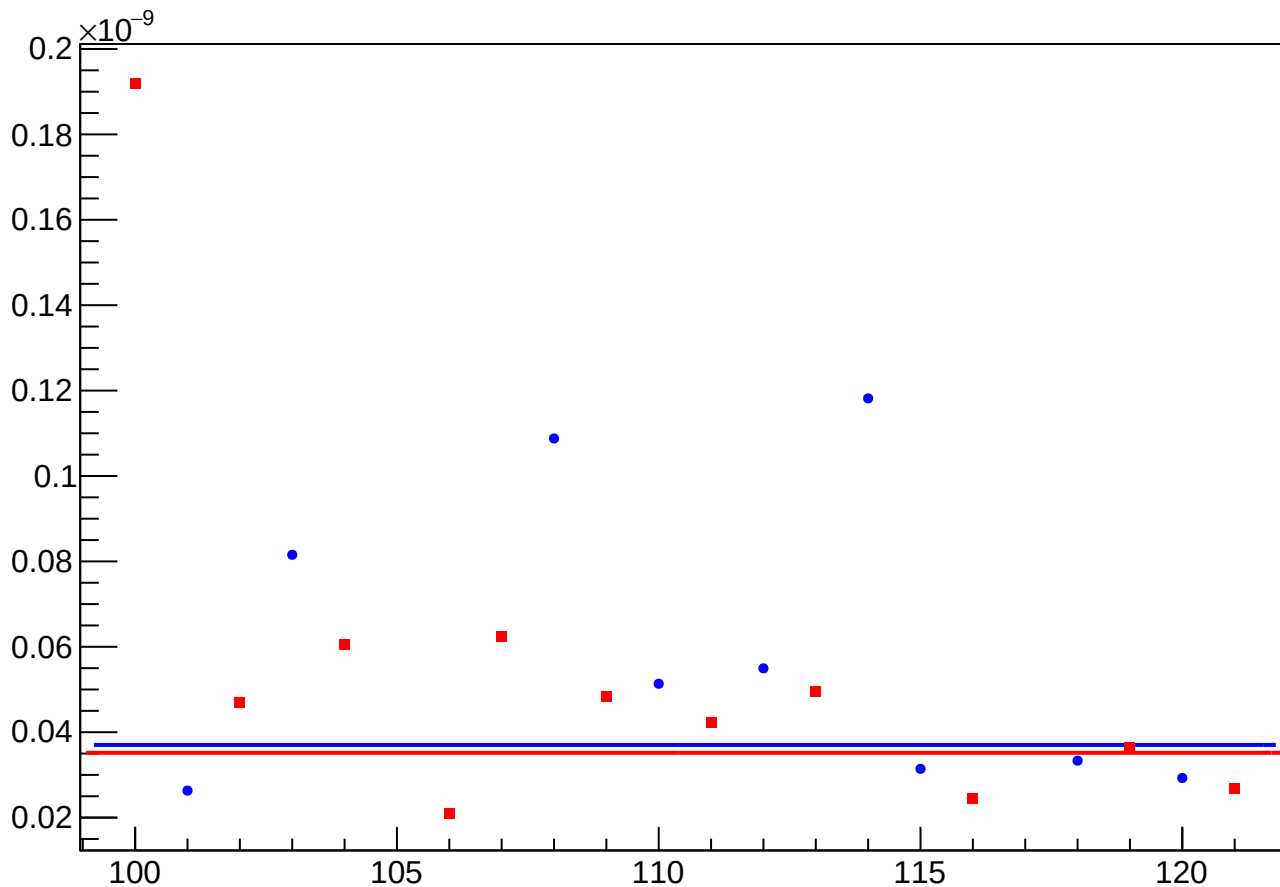
Right: 0.000+/-0.000 χ^2 /NDF: 22.8/19

In: -0.000+/-0.000 χ^2 /NDF:11.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.8/19

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 630405.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 418971.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

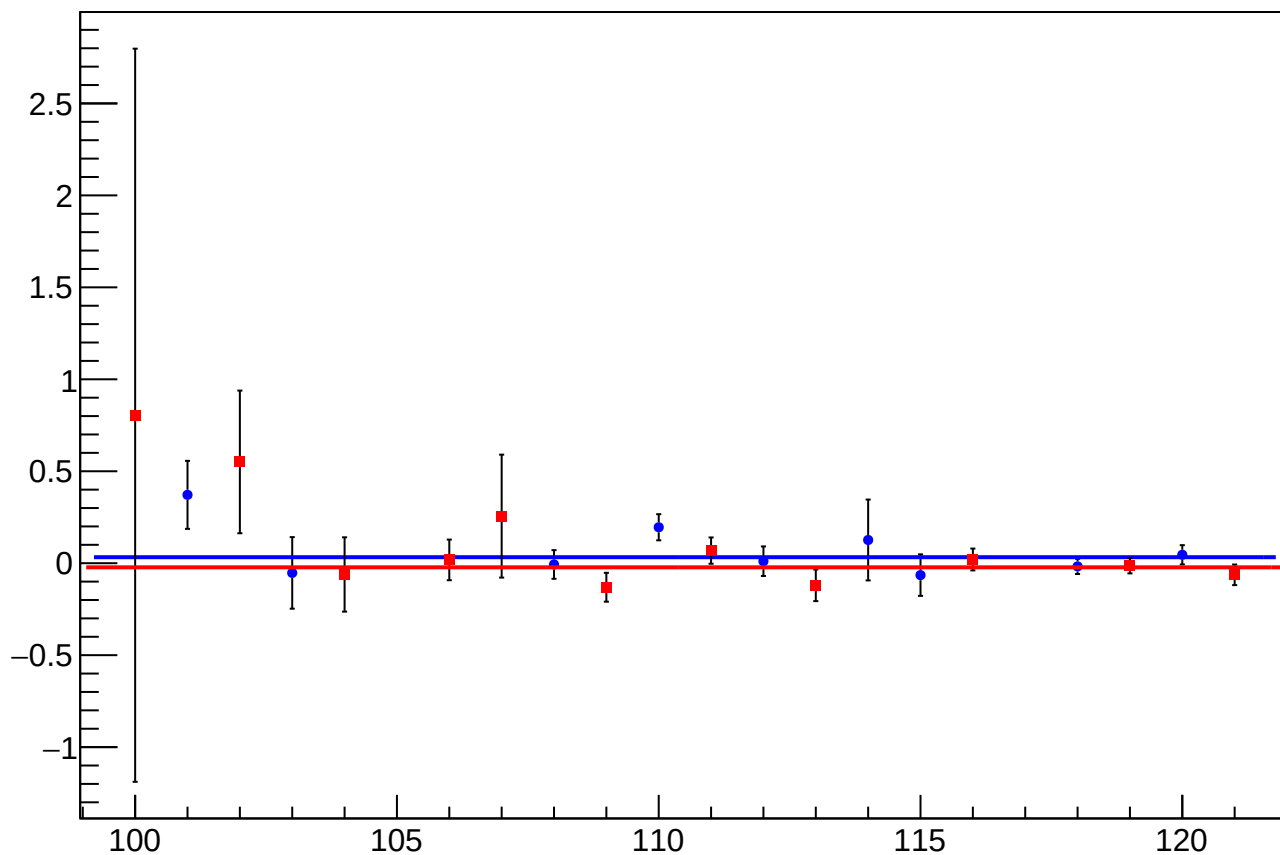
Right: 0.000+/-0.000 χ^2/NDF : 1053160.4/19

In: 0.000+/-0.000 χ^2/NDF : 630405.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1053160.4/19

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

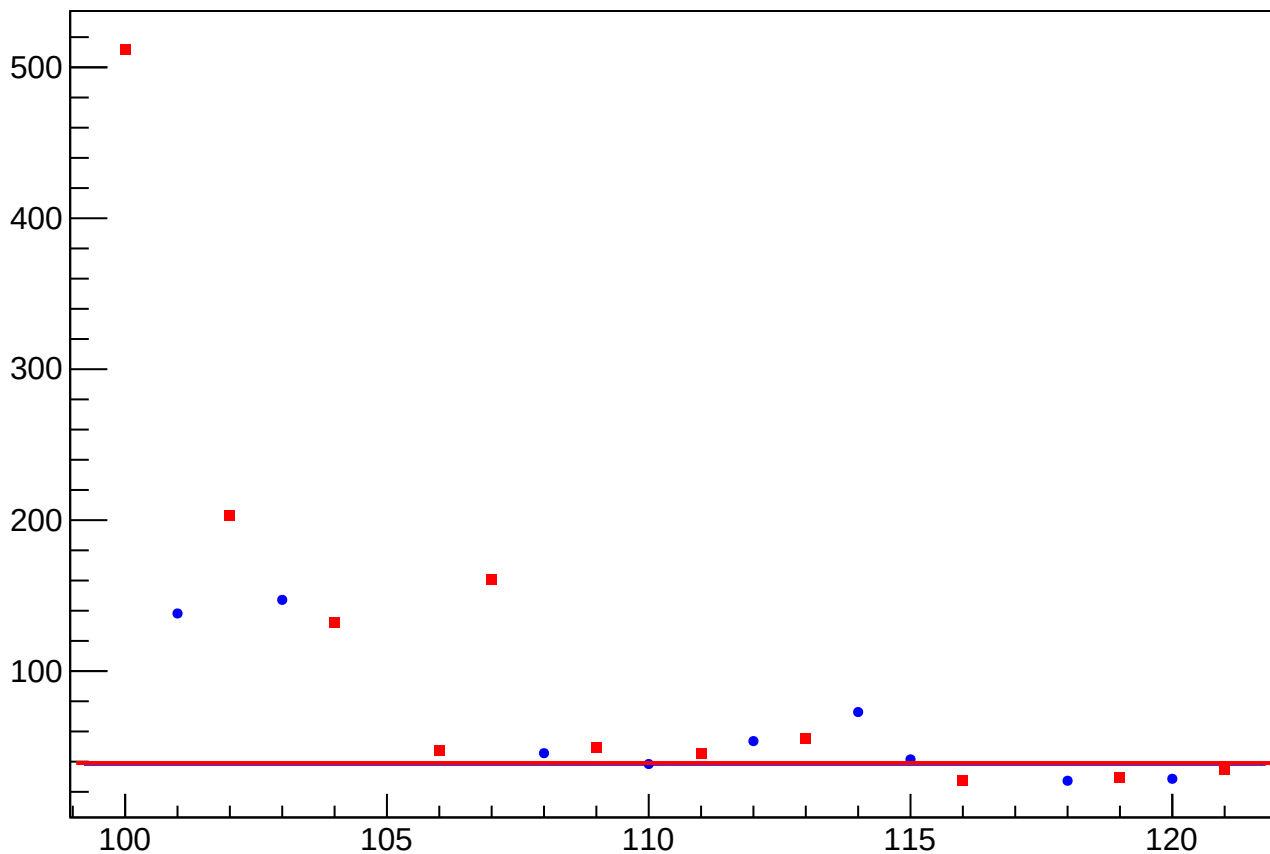
Right: 0.004+/-0.017 χ^2/NDF : 23.3/19

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 23.3/19

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.088+/-0.017 χ^2/NDF : 1488488.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

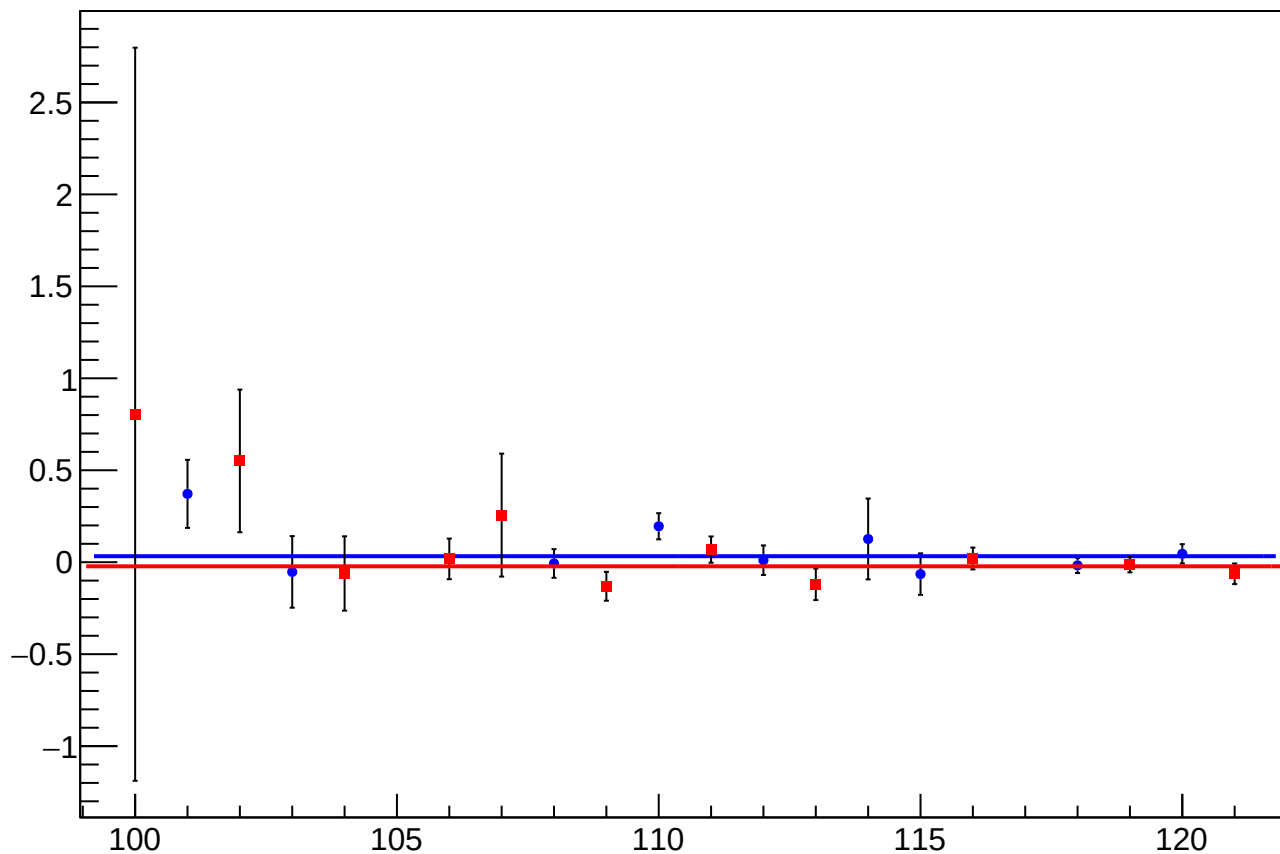
Right: 38.852+/-0.012 χ^2/NDF : 3047577.2/19

In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.852+/-0.012 χ^2/NDF : 3047577.2/19

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

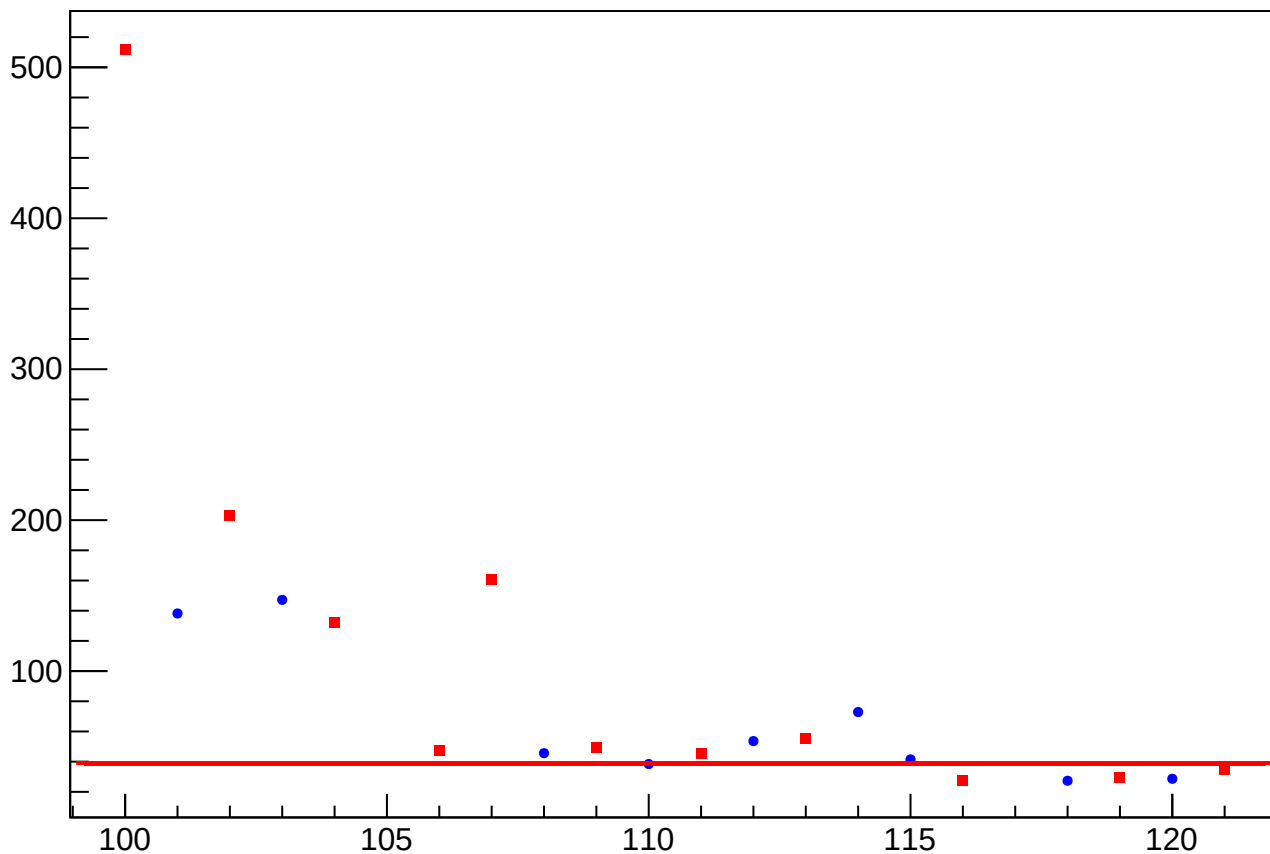
Right: 0.004+/-0.017 χ^2/NDF : 23.3/19

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 23.3/19

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.088+/-0.017 χ^2/NDF : 1488488.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

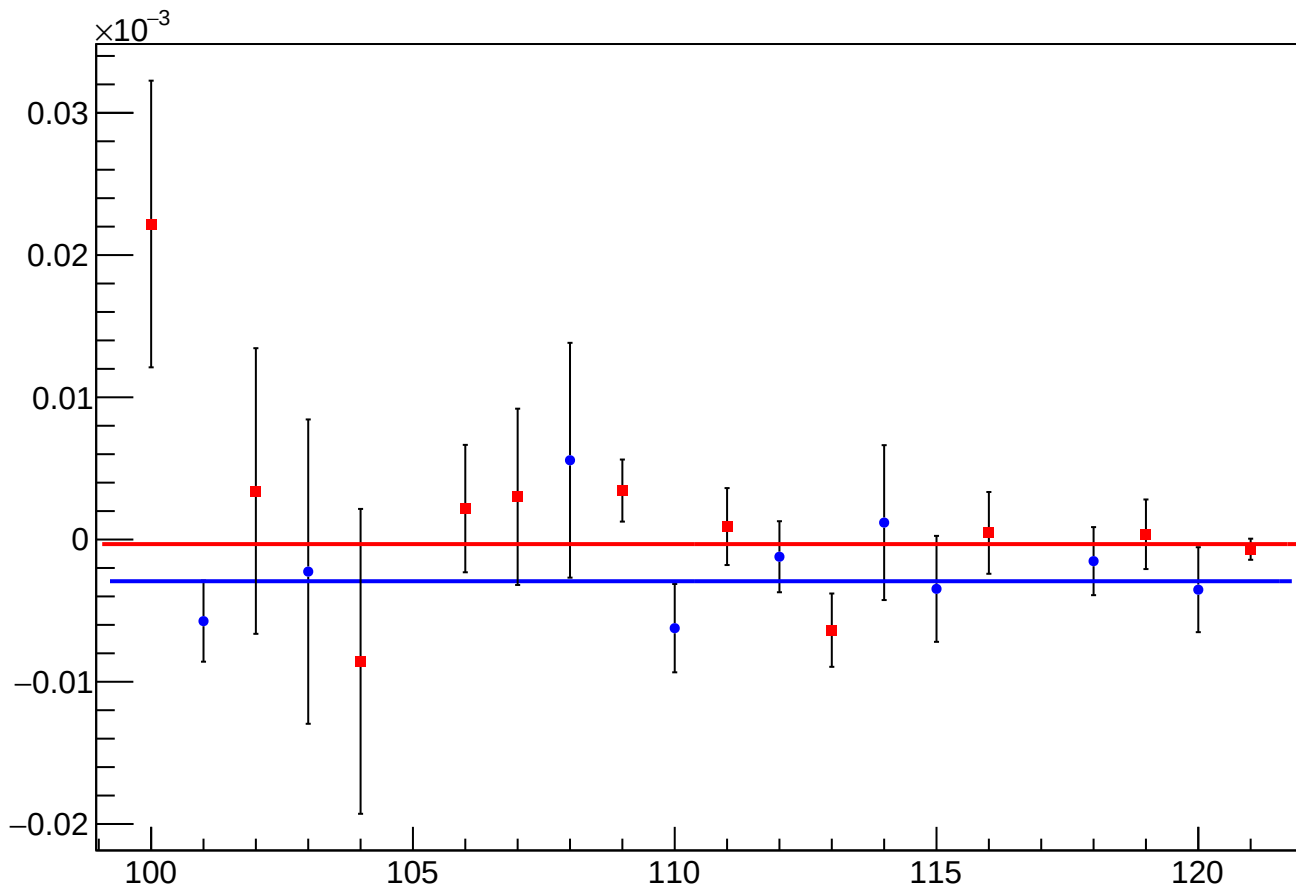
Right: 38.852+/-0.012 χ^2/NDF : 3047577.2/19

In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.852+/-0.012 χ^2/NDF : 3047577.2/19

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

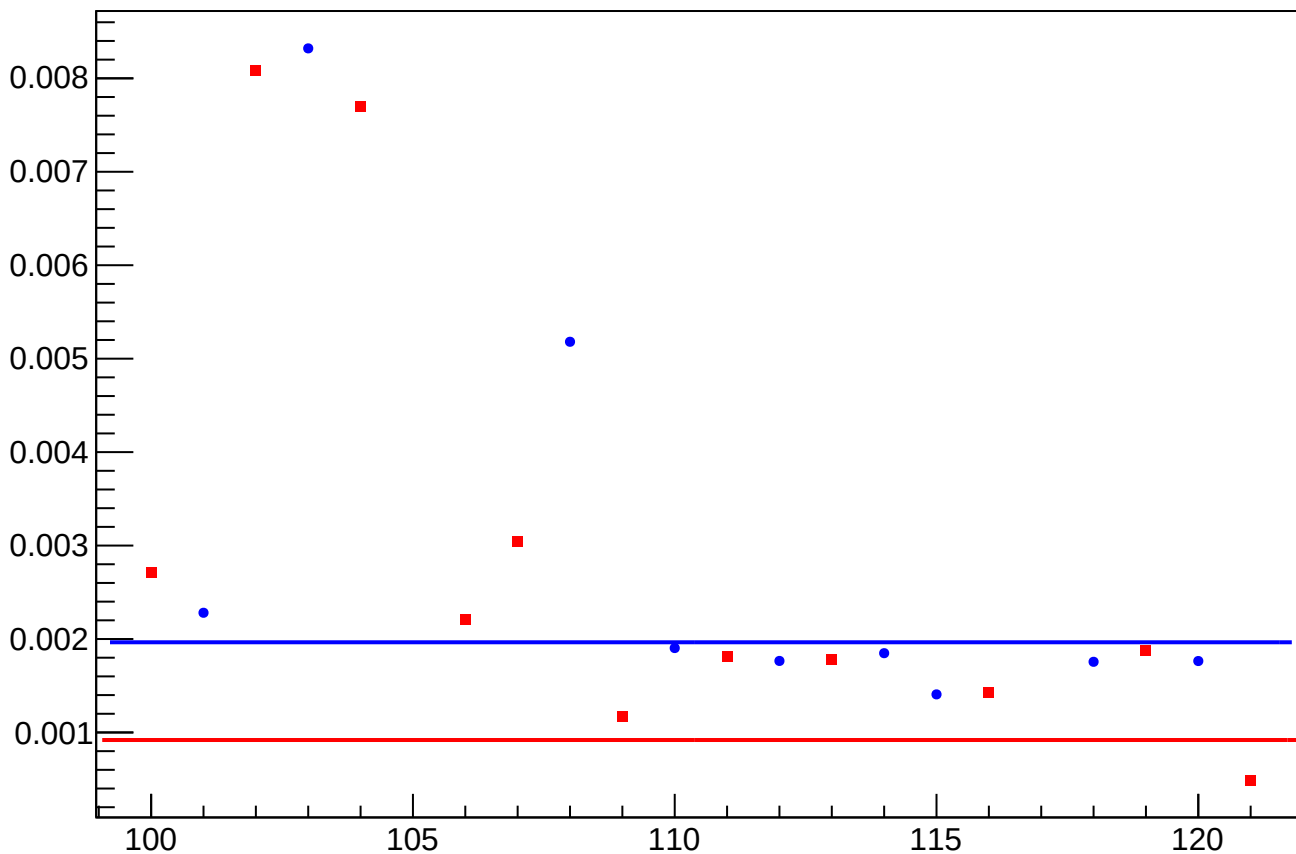
Right: -0.000+/-0.000 χ^2/NDF : 24.2/19

In: -0.000+/-0.000 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/19

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1117297.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3807228.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

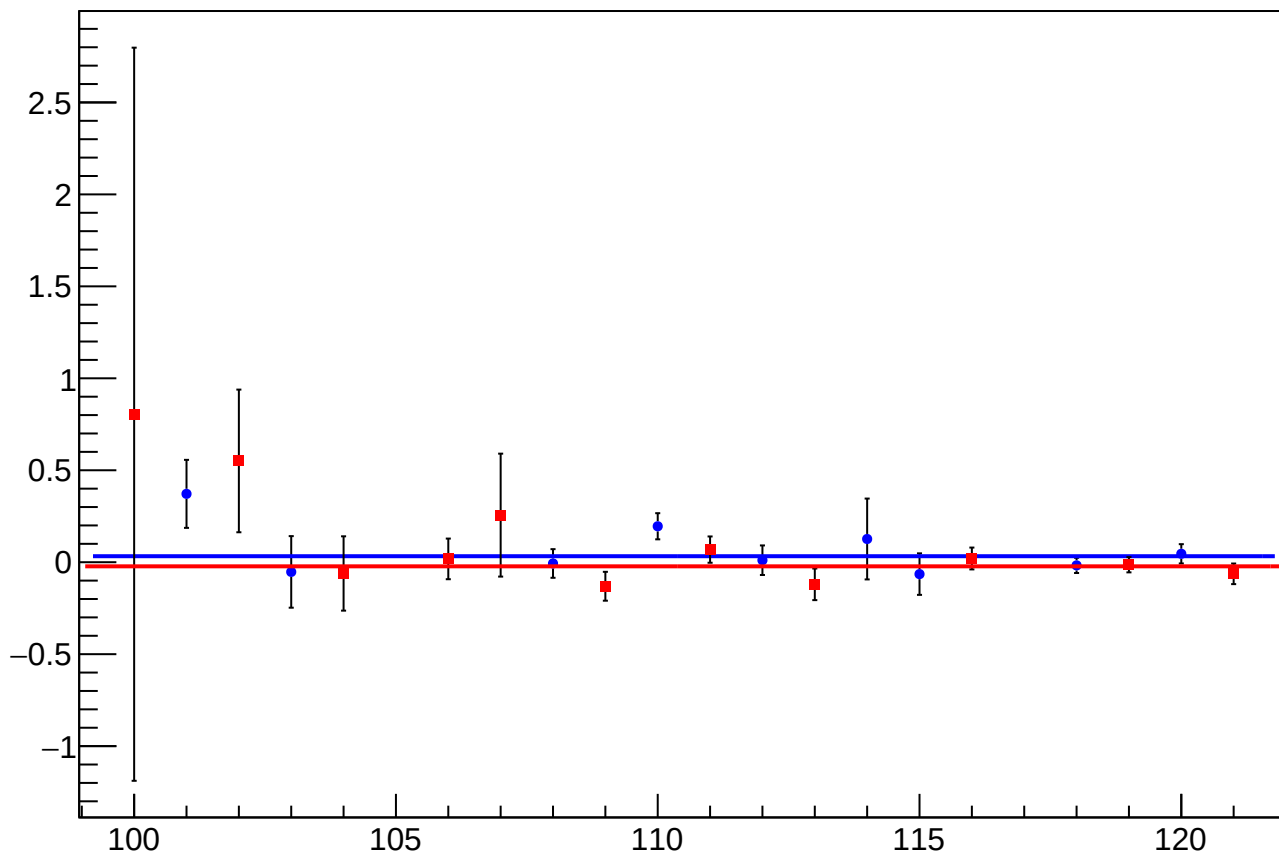
Right: 0.001+/-0.000 χ^2/NDF : 6279274.5/19

In: 0.002+/-0.000 χ^2/NDF :1117297.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6279274.5/19

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

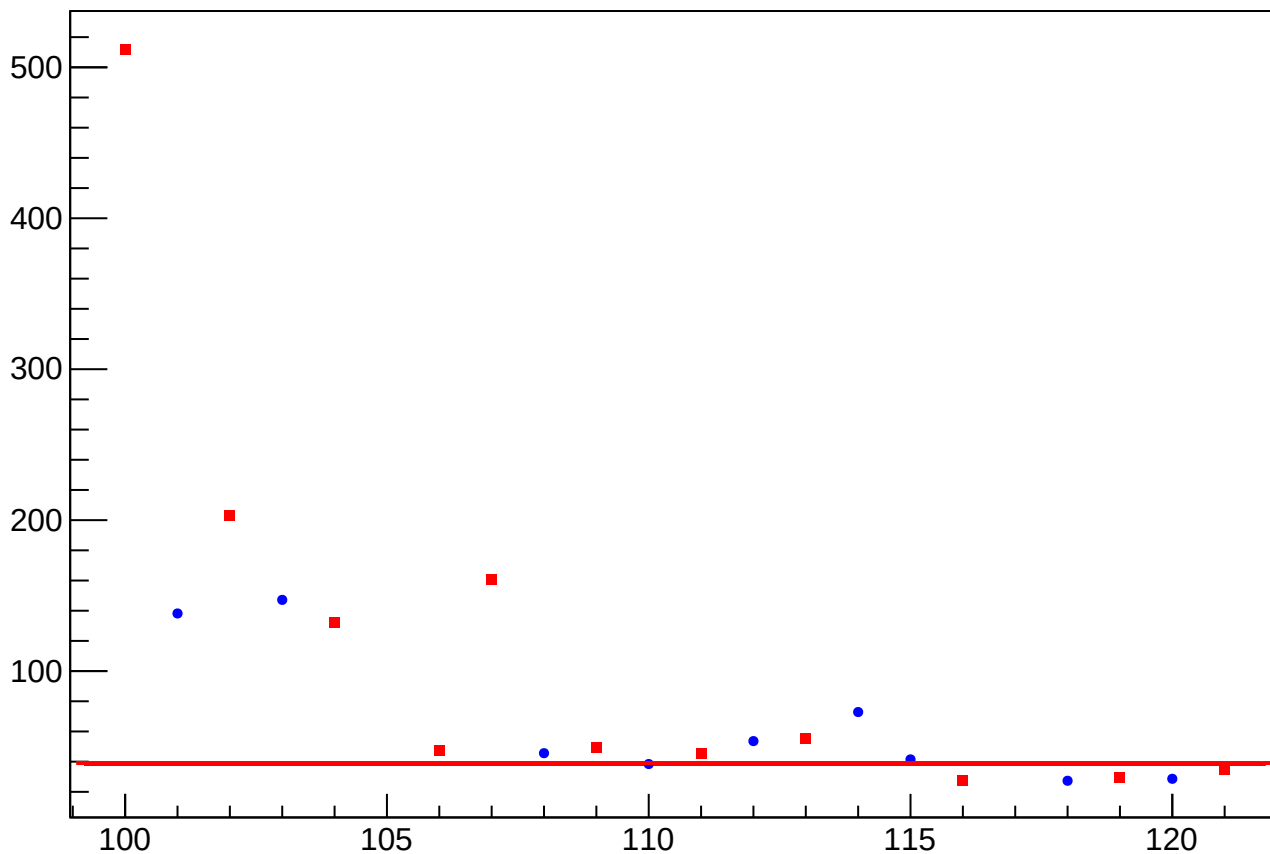
Right: 0.004+/-0.017 χ^2/NDF : 23.3/19

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 23.3/19

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558635.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.087+/-0.017 χ^2/NDF : 1488472.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

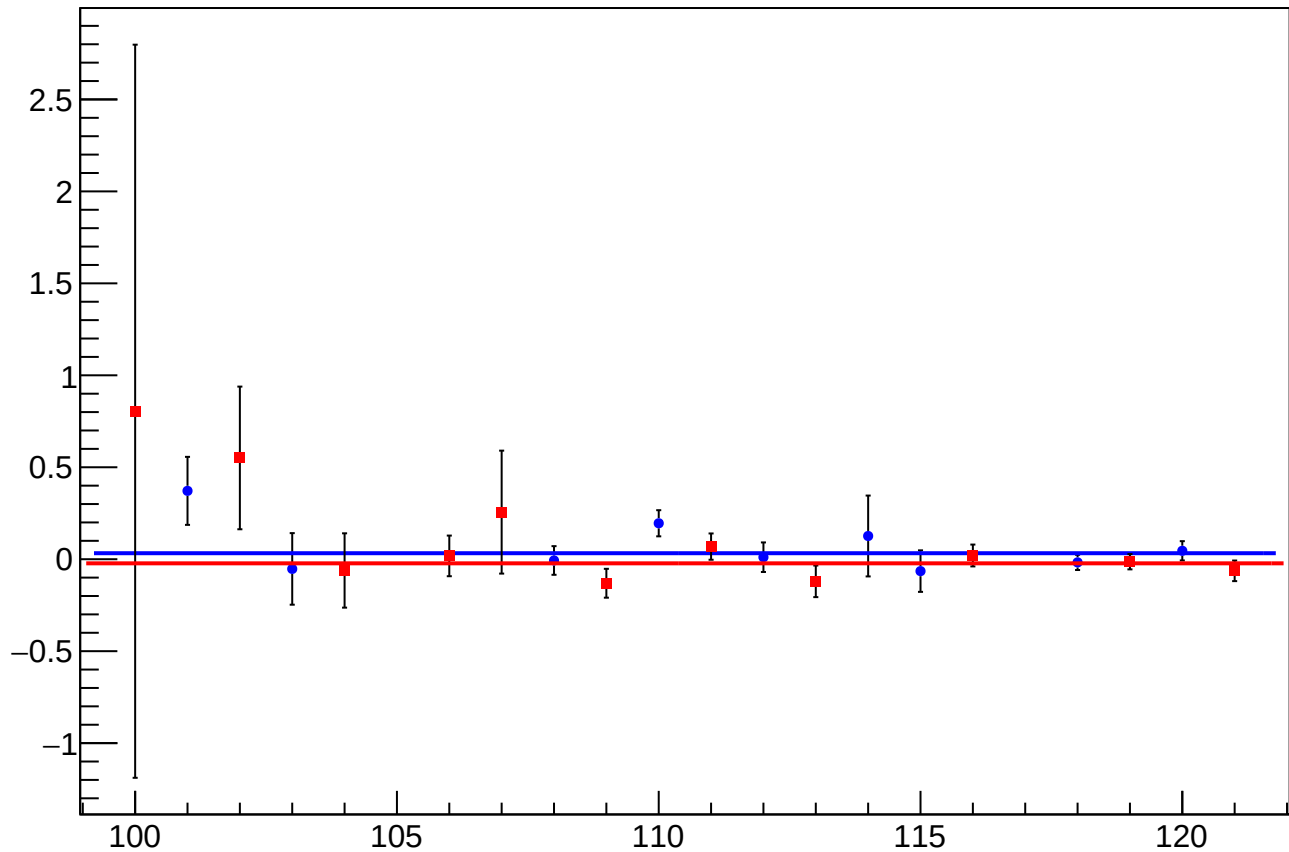
Right: 38.852+/-0.012 χ^2/NDF : 3047529.9/19

In: 38.590+/-0.018 χ^2/NDF : 1558635.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.852+/-0.012 χ^2/NDF : 3047529.9/19

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

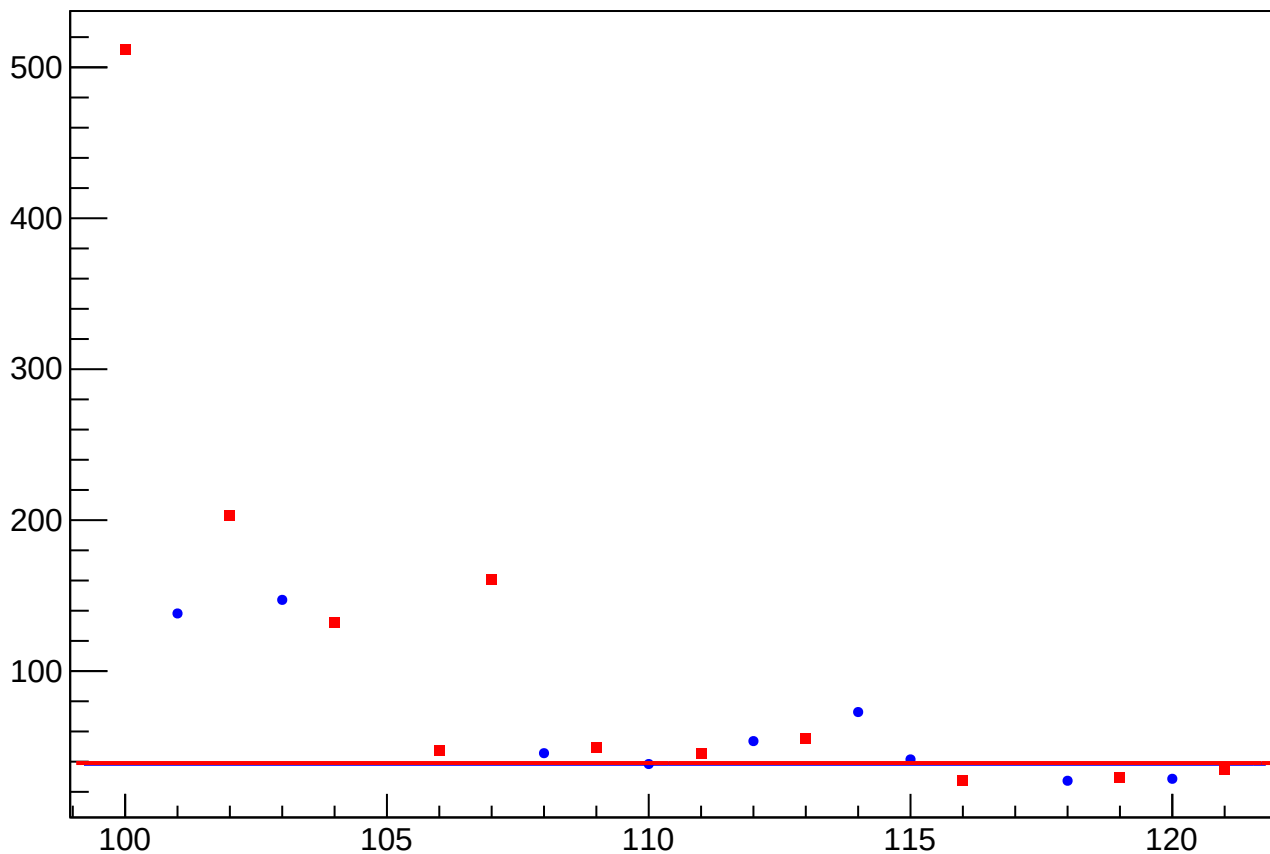
Right: 0.004+/-0.017 χ^2/NDF : 23.3/19

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 23.3/19

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558635.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.087+/-0.017 χ^2/NDF : 1488472.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

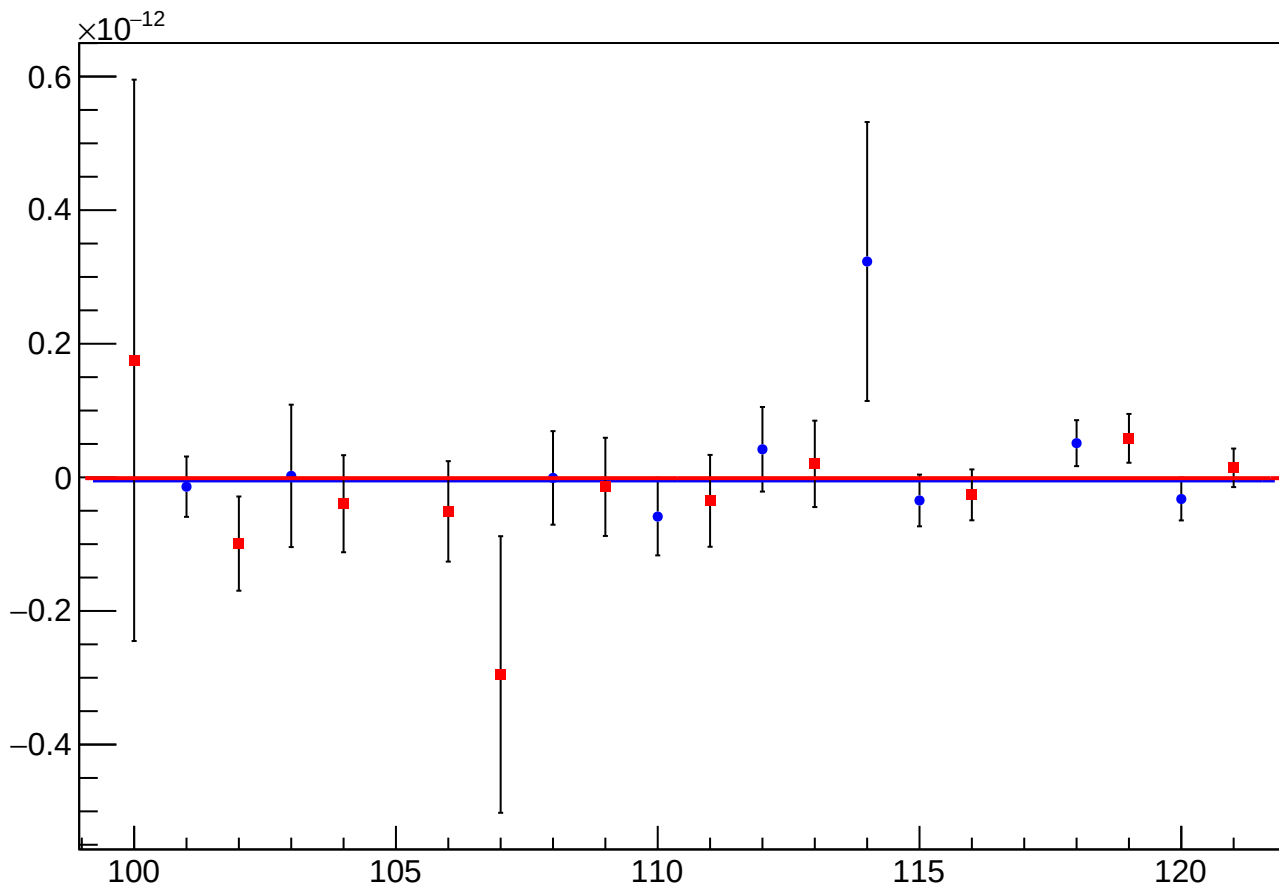
Right: 38.852+/-0.012 χ^2/NDF : 3047529.9/19

In: 38.590+/-0.018 χ^2/NDF :1558635.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.852+/-0.012 χ^2/NDF : 3047529.9/19

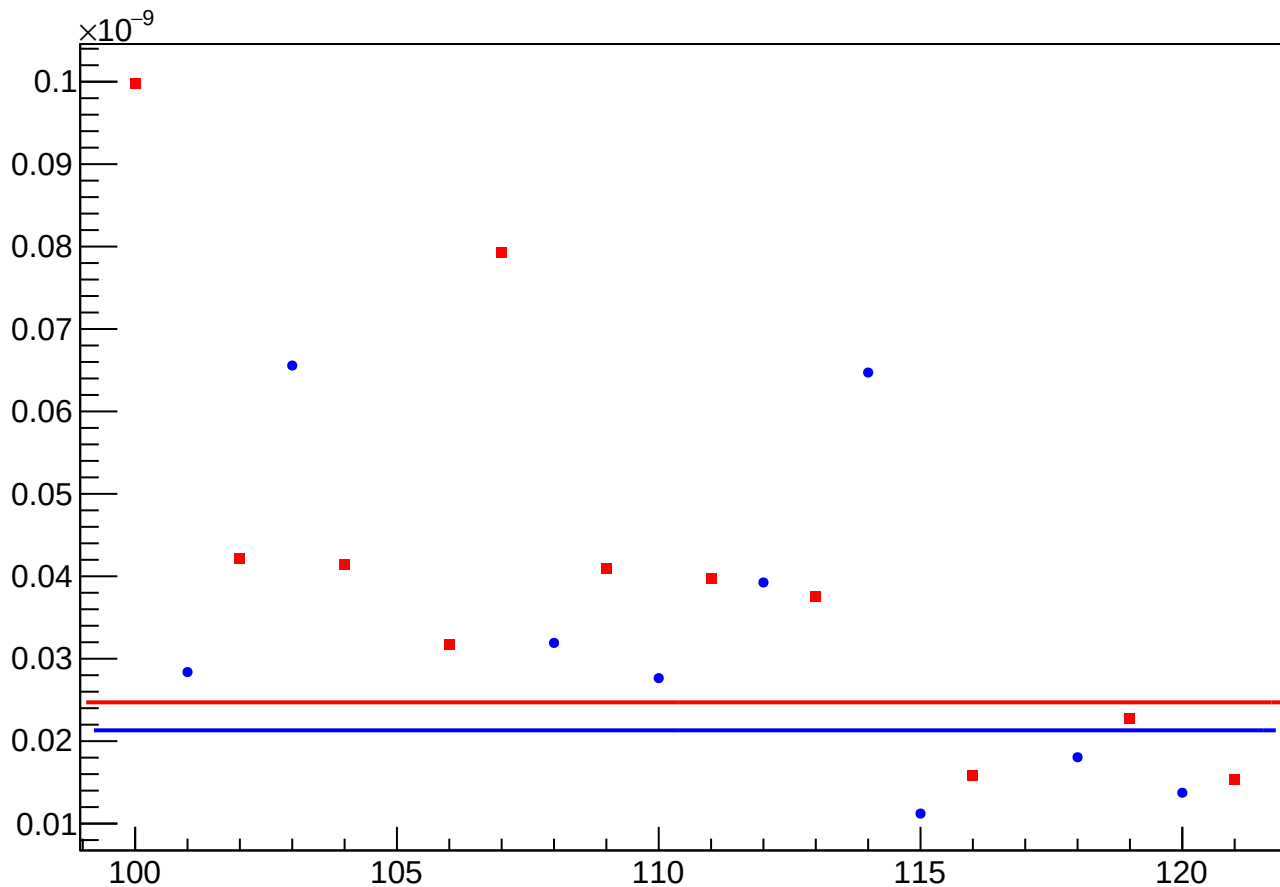
asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.9/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 8.6/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 16.5/19
 In: -0.000+/-0.000 χ^2 /NDF:7.9/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 16.5/19

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 976093.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1047960.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

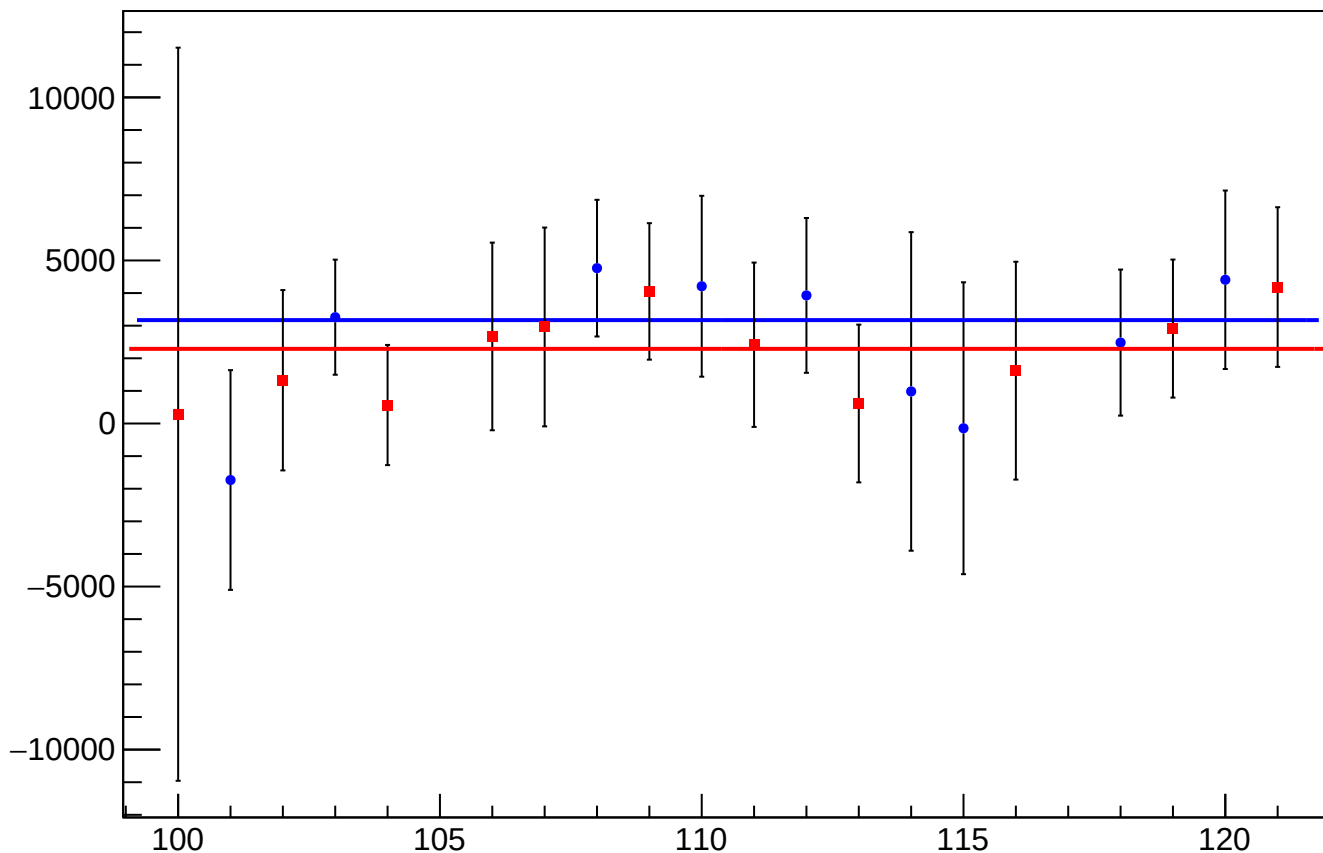
Right: 0.000+/-0.000 χ^2/NDF : 2068539.2/19

In: 0.000+/-0.000 χ^2/NDF : 976093.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2068539.2/19

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3170.371 $\pm$ 854.617 χ^2 /NDF: 4.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2289.262 $\pm$ 767.378 χ^2 /NDF: 3.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

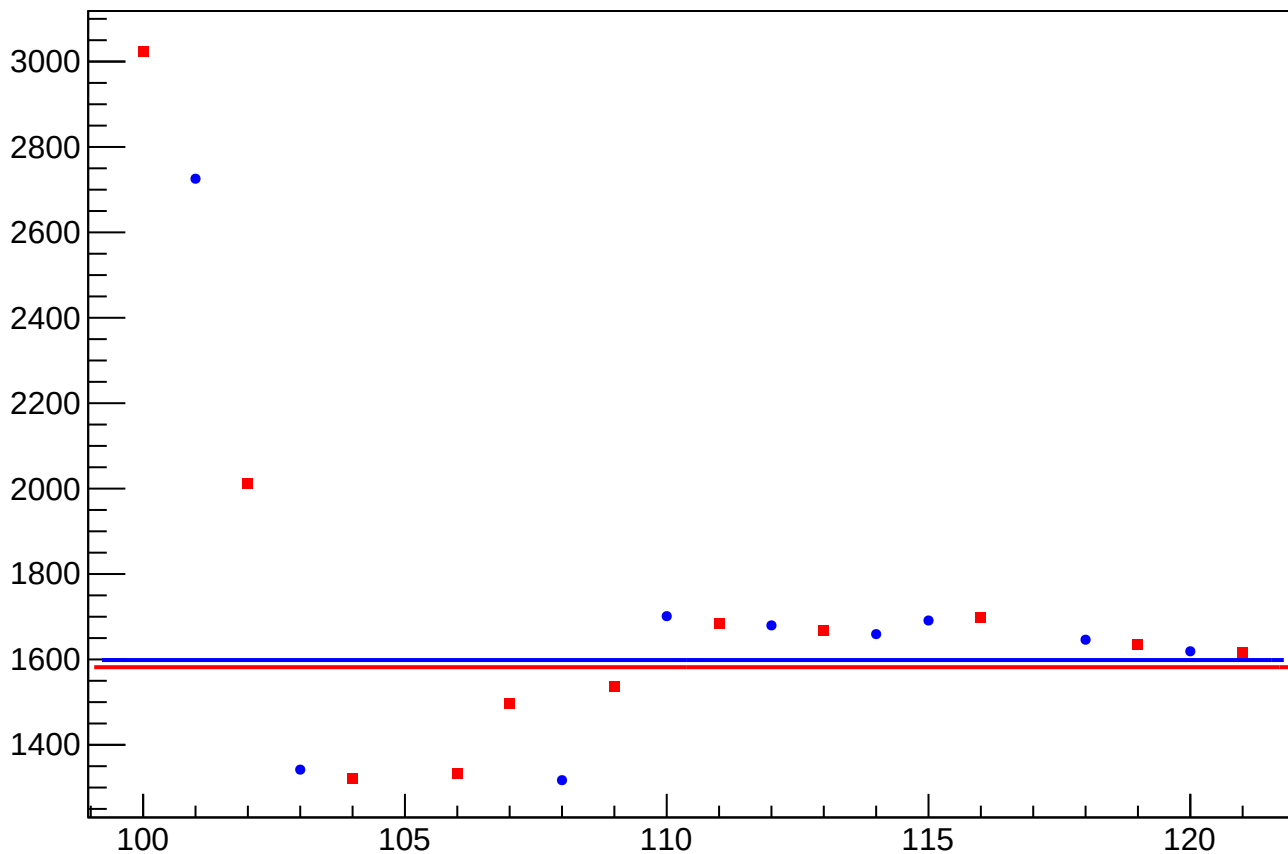
Right: 2682.562 $\pm$ 570.978 χ^2 /NDF: 7.6/19

In: 3170.371 $\pm$ 854.617 χ^2 /NDF:4.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2682.562 $\pm$ 570.978 χ^2 /NDF: 7.6/19

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1598.577+/-0.604 χ^2/NDF : 309412.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.844+/-0.543 χ^2/NDF : 149120.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

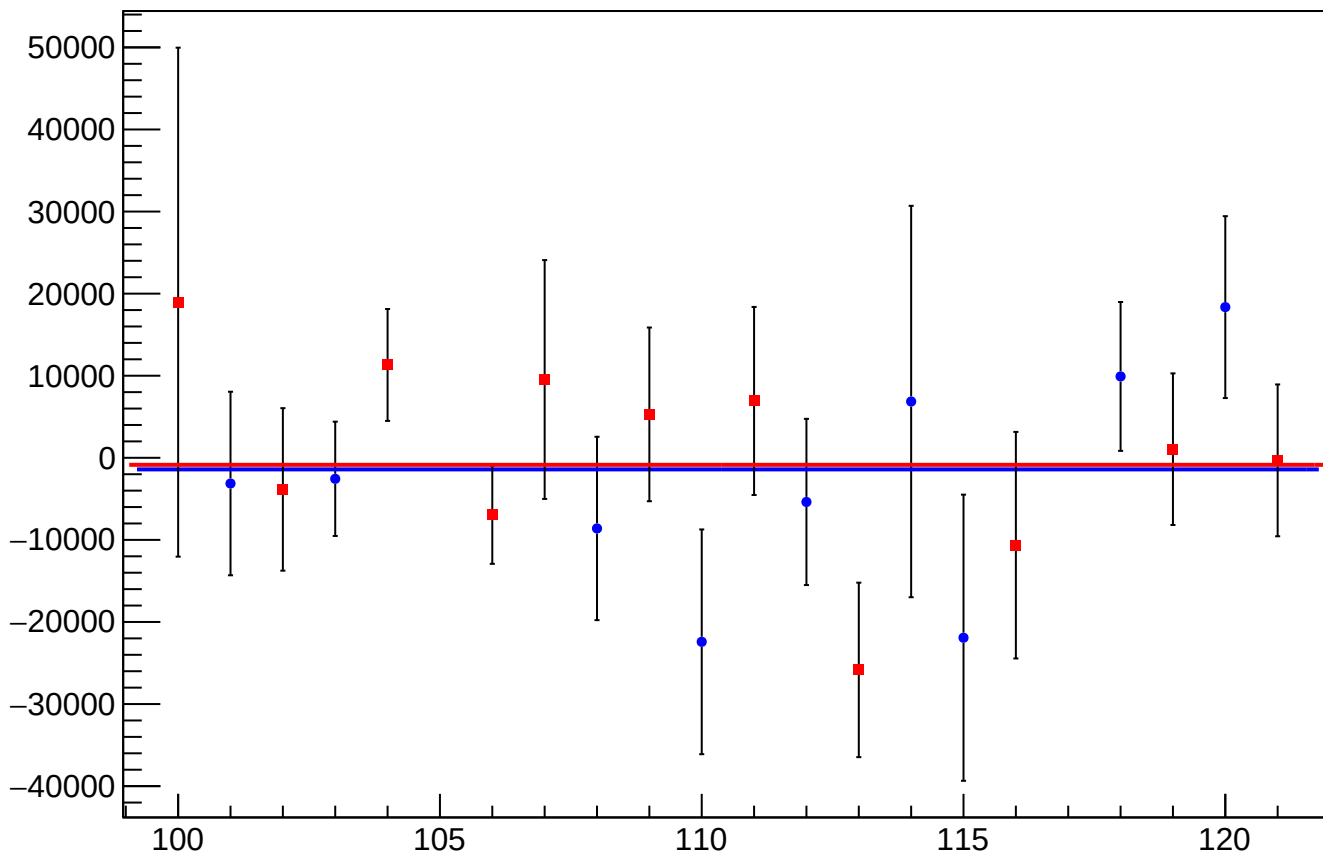
Right: 1589.313+/-0.404 χ^2/NDF : 458957.9/19

In: 1598.577+/-0.604 χ^2/NDF : 309412.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.313+/-0.404 χ^2/NDF : 458957.9/19

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1412.619+/-3601.831 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -855.164+/-2890.720 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

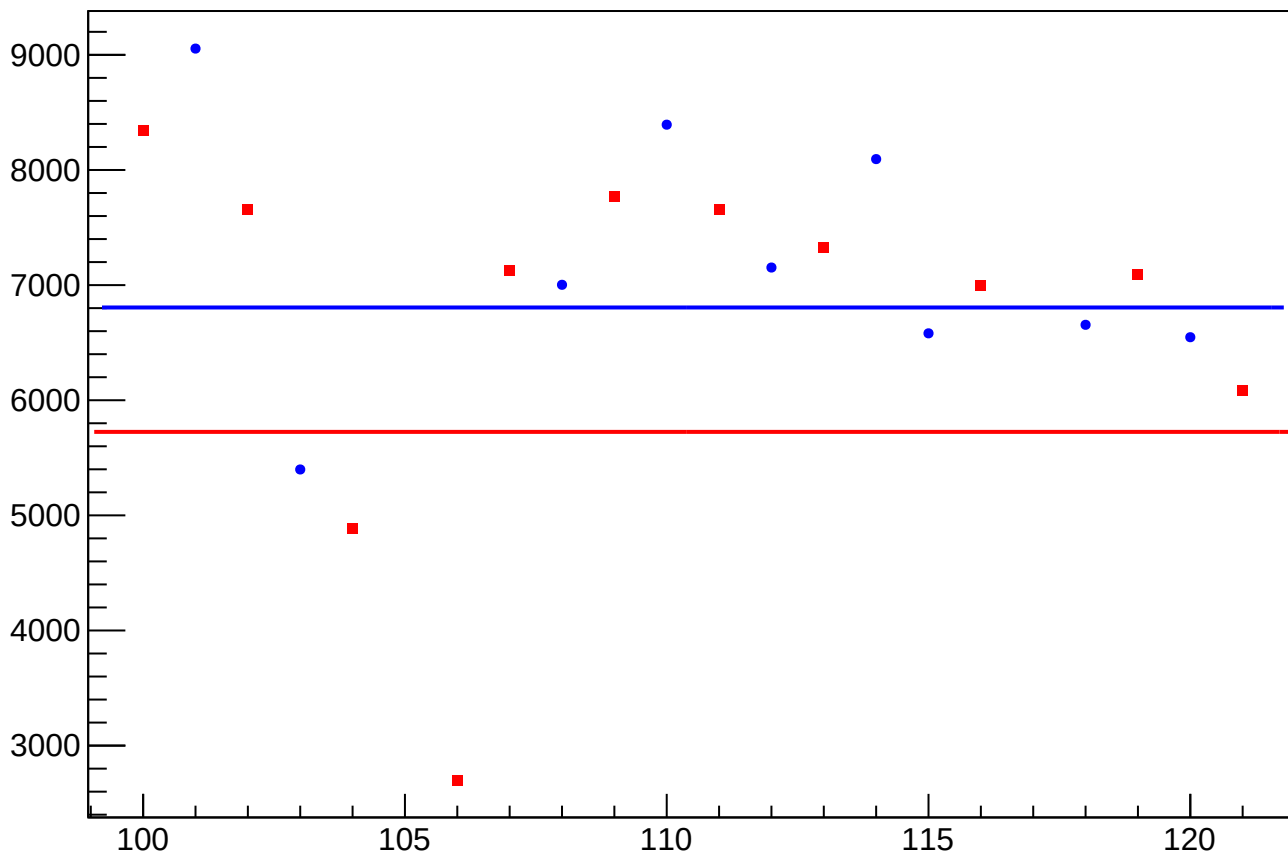
Right: -1073.559+/-2254.444 χ^2/NDF : 21.4/19

In: -1412.619+/-3601.831 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1073.559+/-2254.444 χ^2/NDF : 21.4/19

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6805.697+/-2.547 χ^2/NDF : 200252.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5725.142+/-2.044 χ^2/NDF : 894838.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

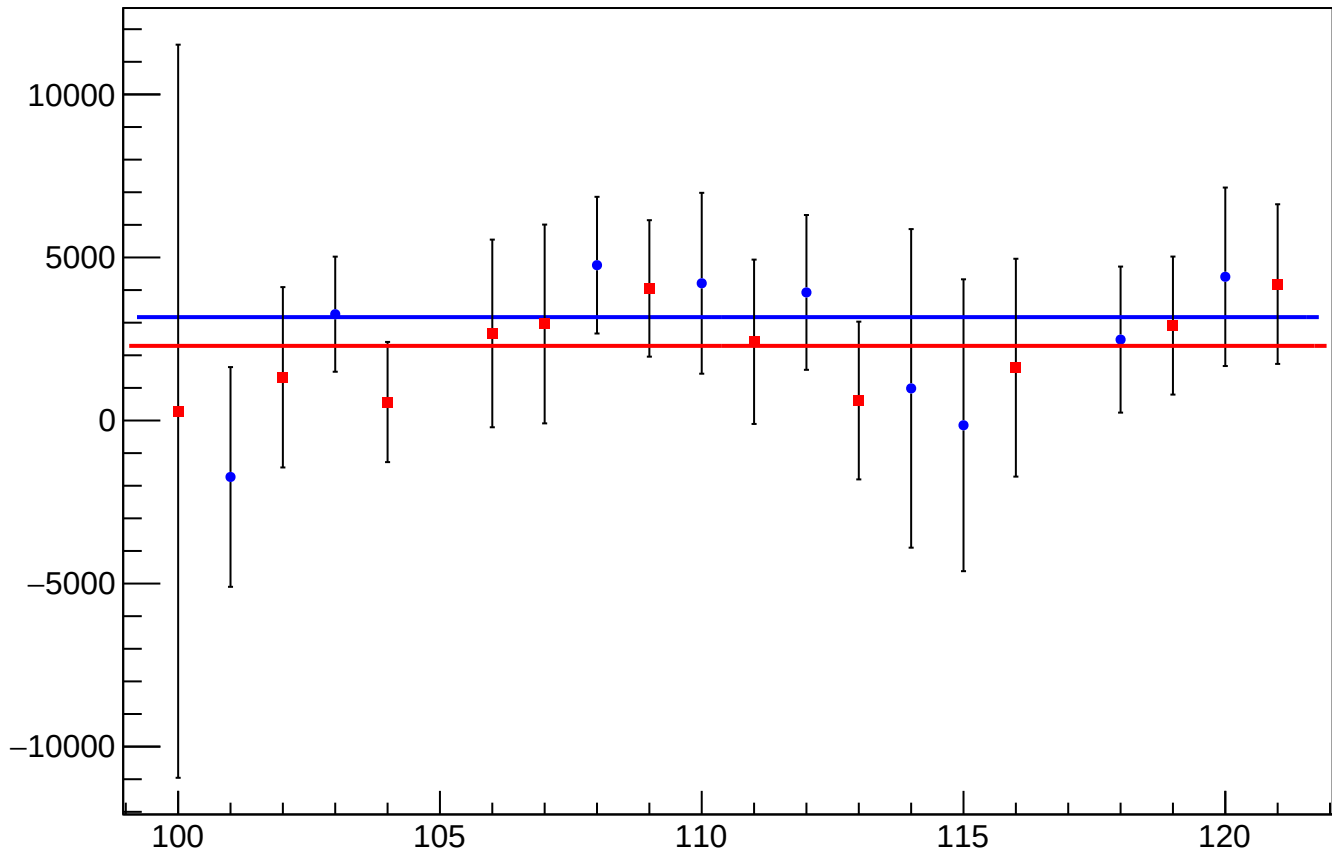
Right: 6148.472+/-1.594 χ^2/NDF : 1204573.1/19

In: 6805.697+/-2.547 χ^2/NDF : 200252.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6148.472+/-1.594 χ^2/NDF : 1204573.1/19

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3170.532 $\pm$ 854.617 χ^2 /NDF: 4.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2289.008 $\pm$ 767.378 χ^2 /NDF: 3.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

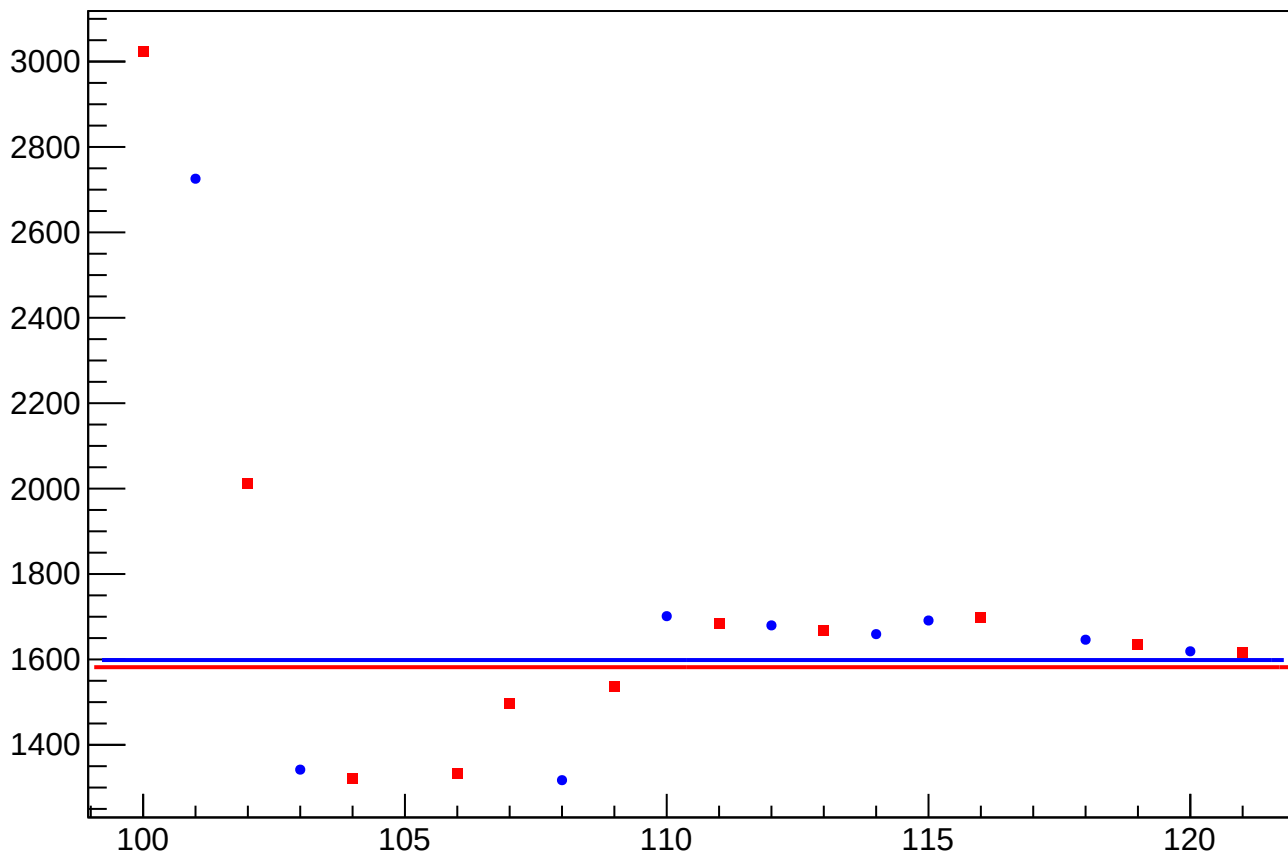
Right: 2682.493 $\pm$ 570.978 χ^2 /NDF: 7.6/19

In: 3170.532 $\pm$ 854.617 χ^2 /NDF:4.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2682.493 $\pm$ 570.978 χ^2 /NDF: 7.6/19

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1598.576 $\pm$ 0.604 χ^2 /NDF: 309413.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1581.844 $\pm$ 0.543 χ^2 /NDF: 149120.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

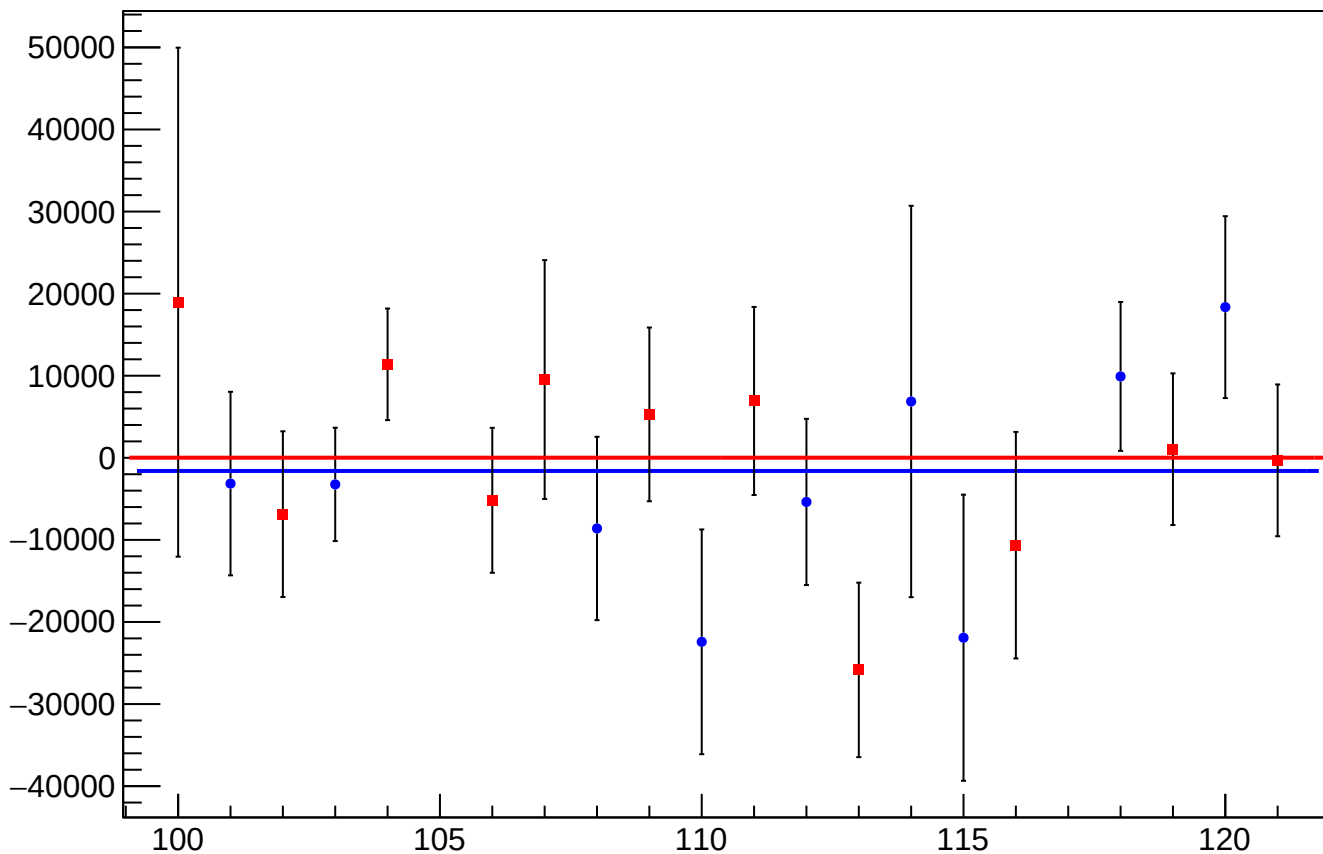
Right: 1589.313 $\pm$ 0.404 χ^2 /NDF: 458958.0/19

In: 1598.576 $\pm$ 0.604 χ^2 /NDF:309413.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1589.313 $\pm$ 0.404 χ^2 /NDF: 458958.0/19

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.489+/-3099.042 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

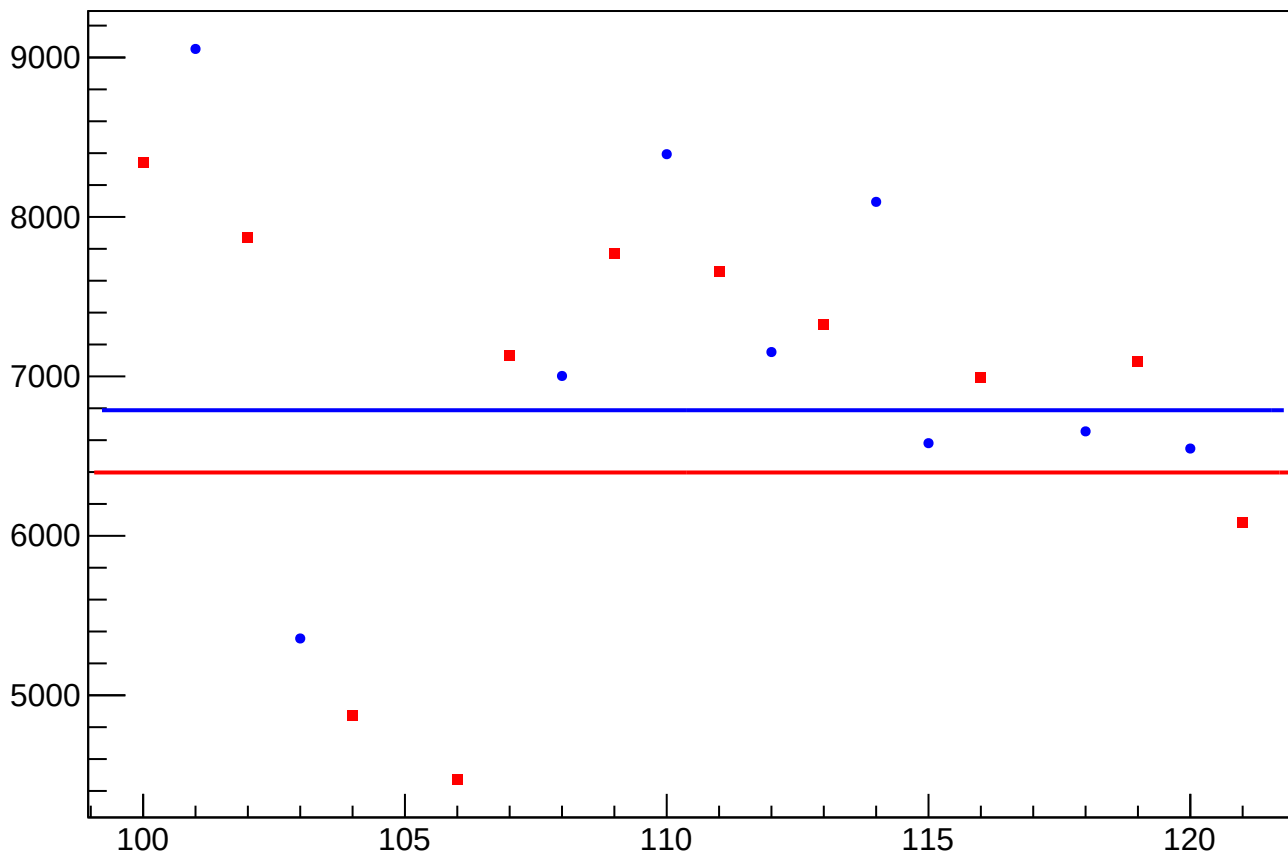
Right: -674.399+/-2346.874 χ^2/NDF : 20.9/19

In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.399+/-2346.874 χ^2/NDF : 20.9/19

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6397.305+/-2.191 χ^2/NDF : 342138.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

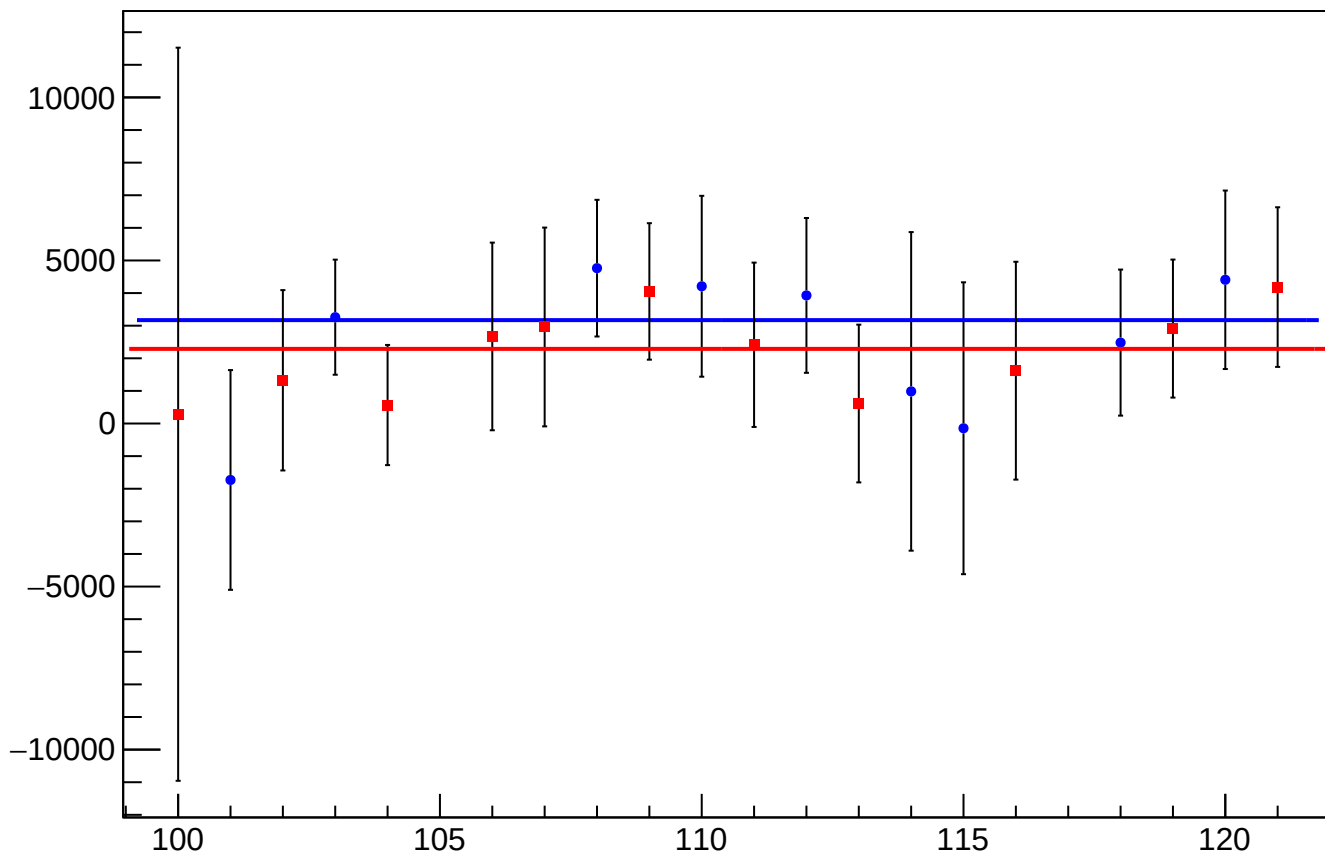
Right: 6563.833+/-1.659 χ^2/NDF : 562308.6/19

In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6563.833+/-1.659 χ^2/NDF : 562308.6/19

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3170.532+/-854.617 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2289.008+/-767.378 χ^2/NDF : 3.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

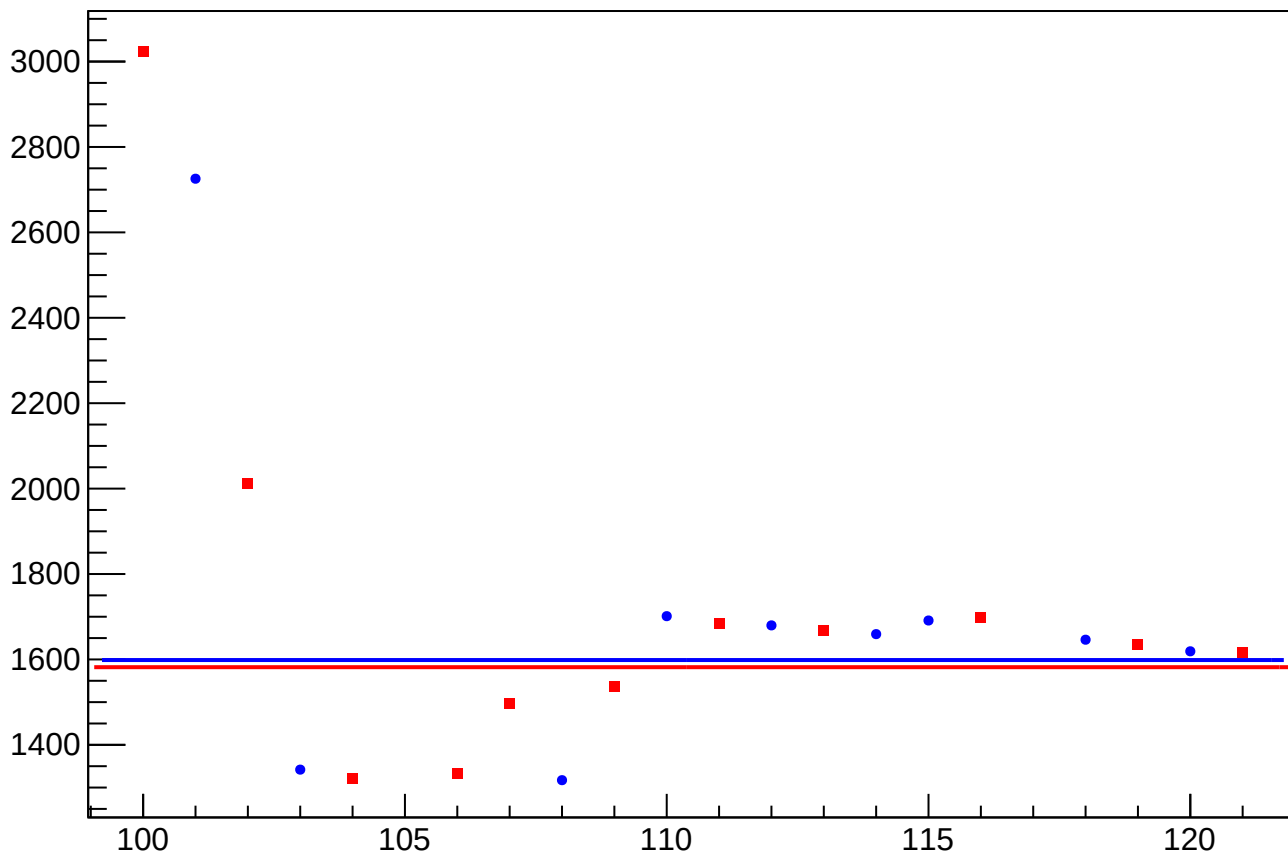
Right: 2682.493+/-570.978 χ^2/NDF : 7.6/19

In: 3170.532+/-854.617 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2682.493+/-570.978 χ^2/NDF : 7.6/19

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1598.576+/-0.604 χ^2/NDF : 309413.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.844+/-0.543 χ^2/NDF : 149120.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

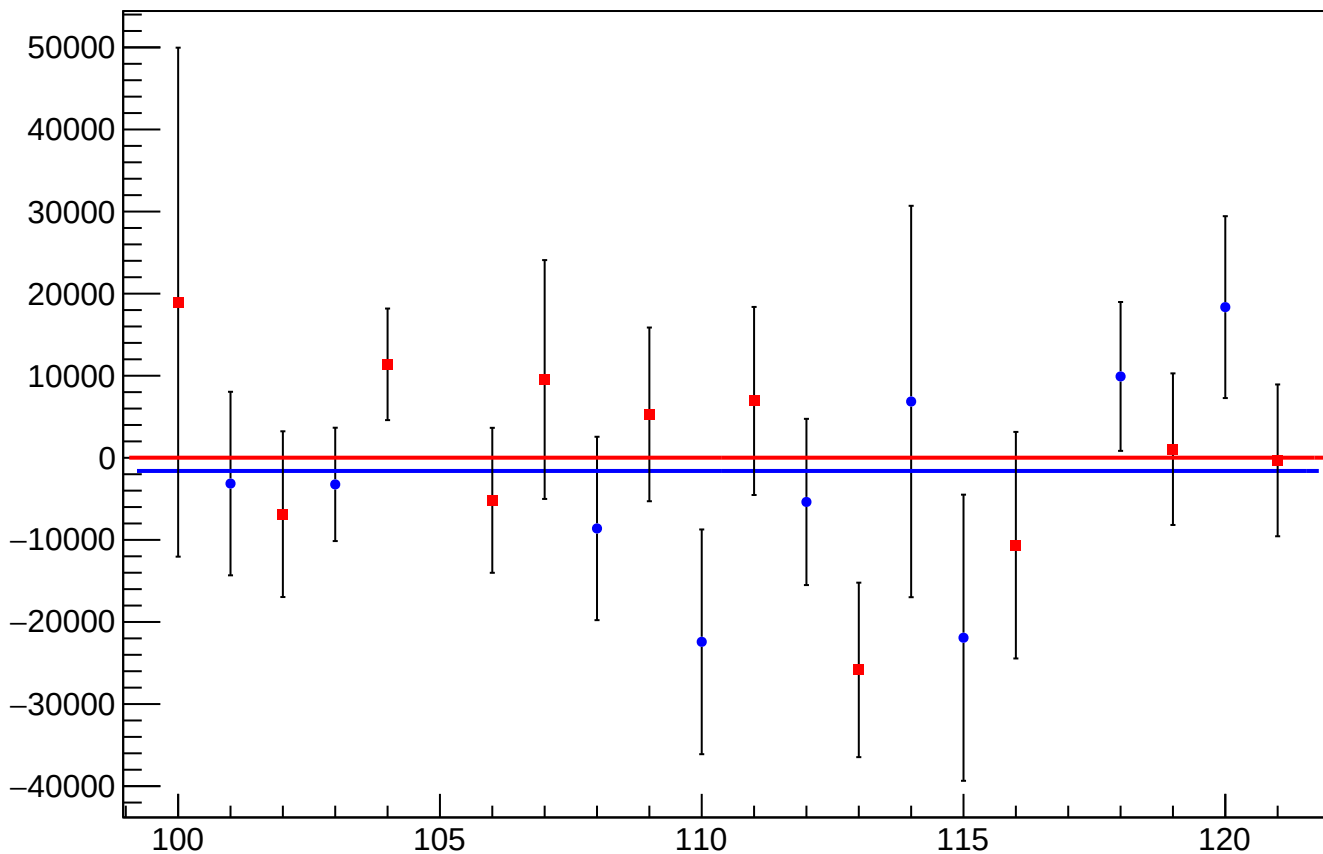
Right: 1589.313+/-0.404 χ^2/NDF : 458958.0/19

In: 1598.576+/-0.604 χ^2/NDF : 309413.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.313+/-0.404 χ^2/NDF : 458958.0/19

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.489+/-3099.042 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

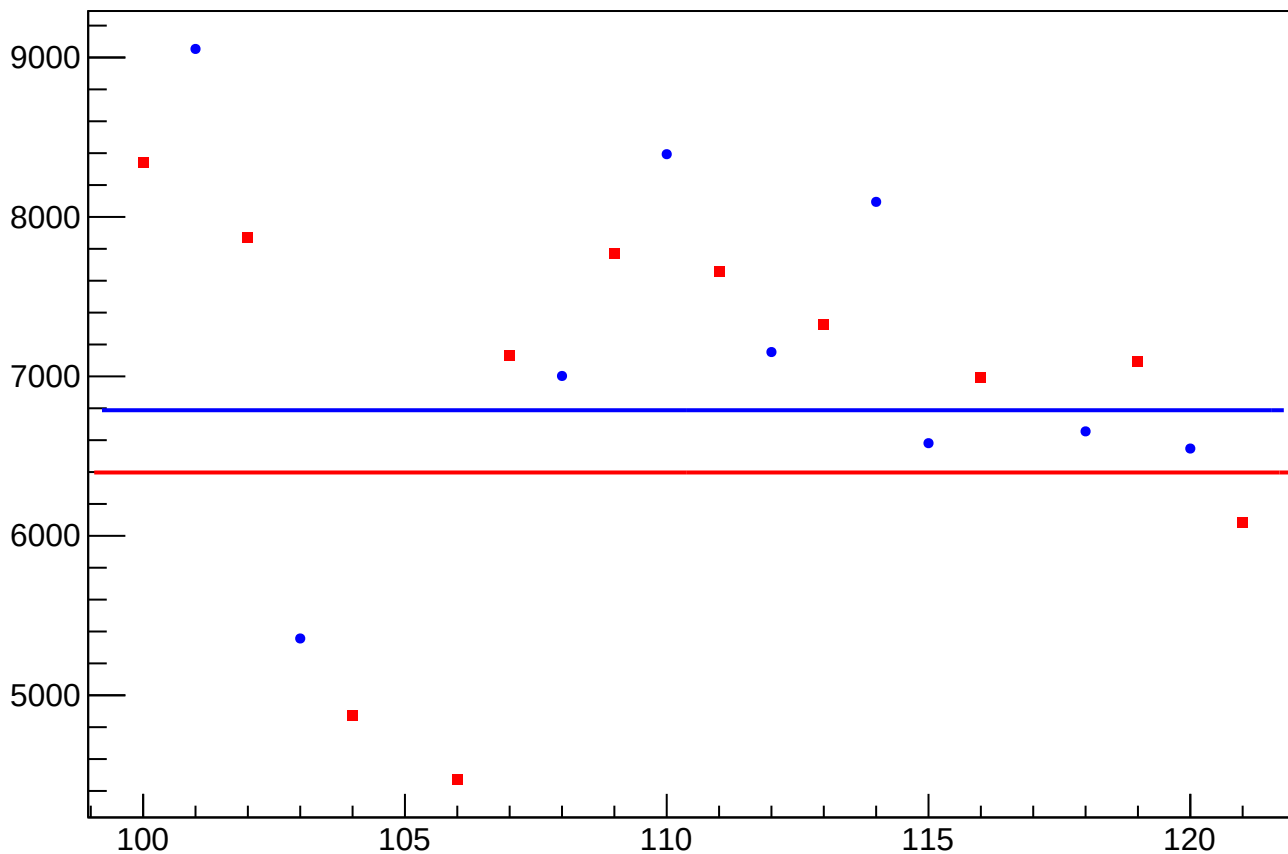
Right: -674.399+/-2346.874 χ^2/NDF : 20.9/19

In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.399+/-2346.874 χ^2/NDF : 20.9/19

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6397.305+/-2.191 χ^2/NDF : 342138.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

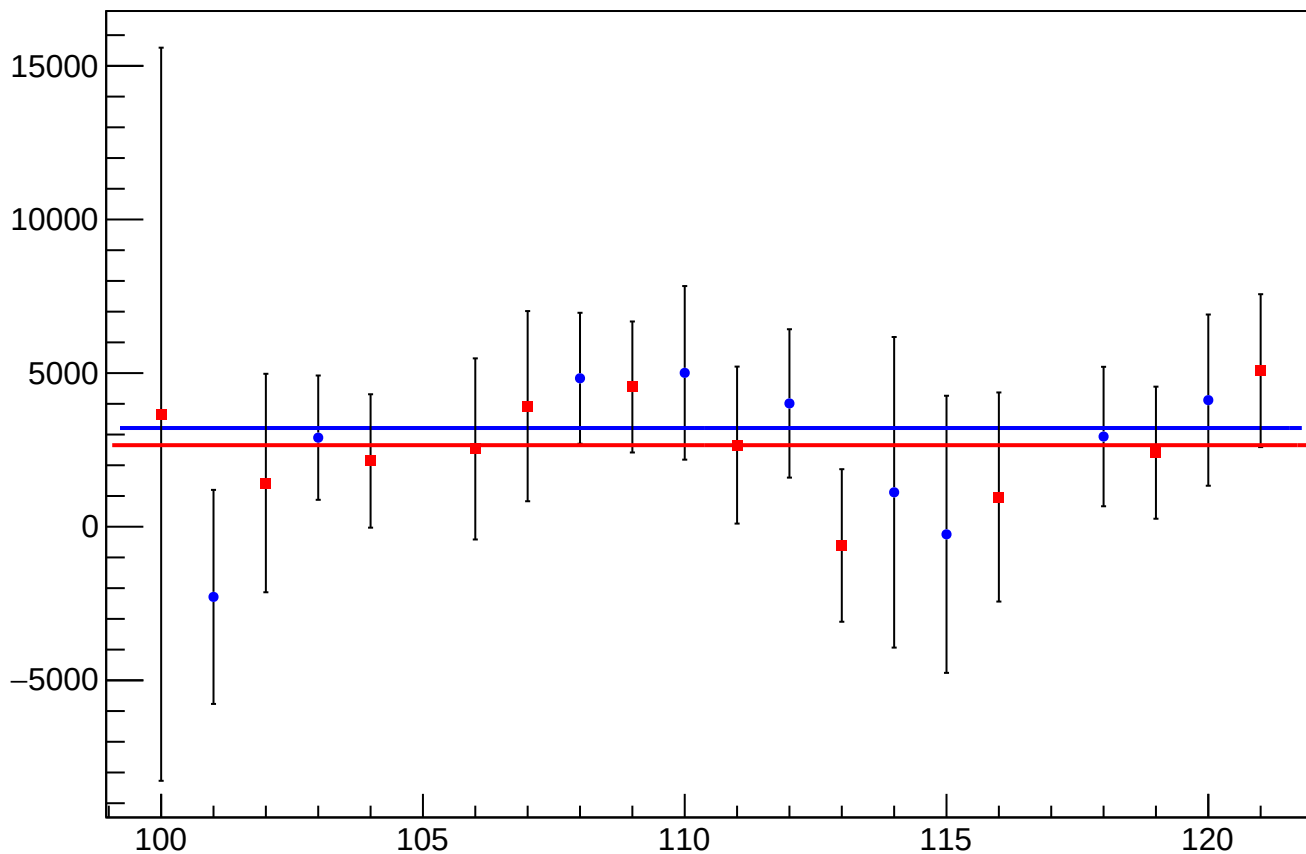
Right: 6563.833+/-1.659 χ^2/NDF : 562308.6/19

In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6563.833+/-1.659 χ^2/NDF : 562308.6/19

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3212.592 $\pm$ 892.694 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2653.834 $\pm$ 811.802 χ^2 /NDF: 4.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

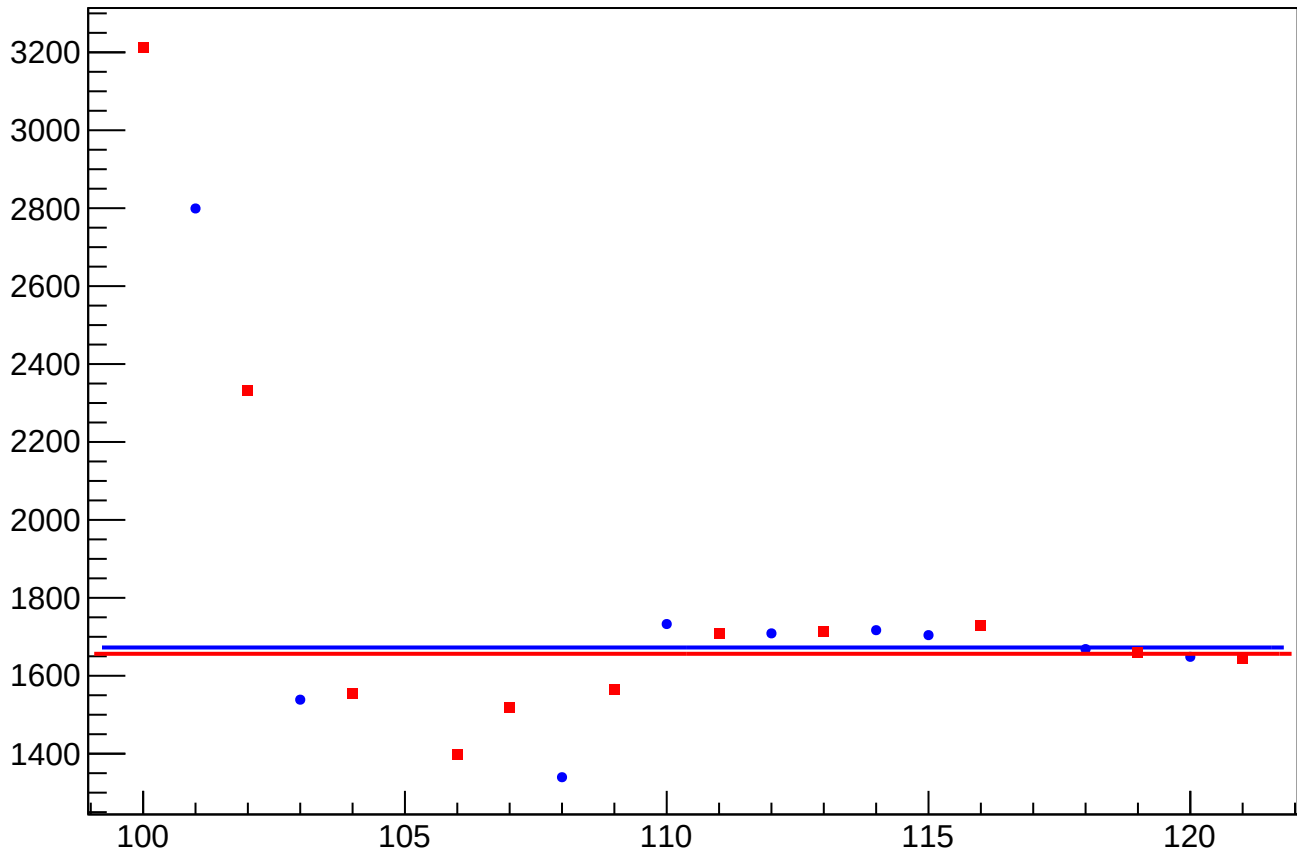
Right: 2906.755 $\pm$ 600.597 χ^2 /NDF: 8.8/19

In: 3212.592 $\pm$ 892.694 χ^2 /NDF: 4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2906.755 $\pm$ 600.597 χ^2 /NDF: 8.8/19

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.583+/-0.631 χ^2/NDF : 268557.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.368+/-0.574 χ^2/NDF : 136498.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

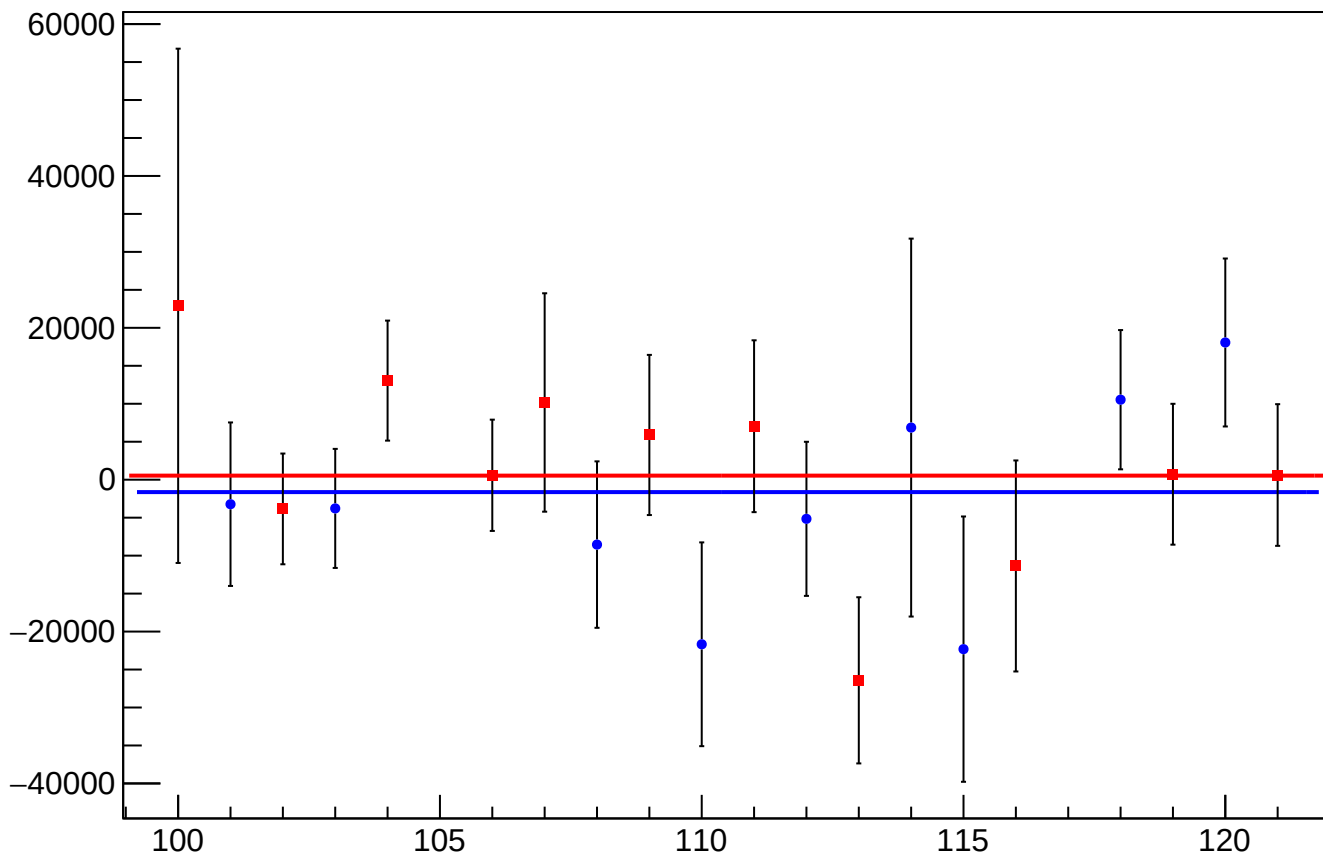
Right: 1663.703+/-0.425 χ^2/NDF : 405417.1/19

In: 1672.583+/-0.631 χ^2/NDF : 268557.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.703+/-0.425 χ^2/NDF : 405417.1/19

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1633.229+/-3689.695 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.179+/-2980.031 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

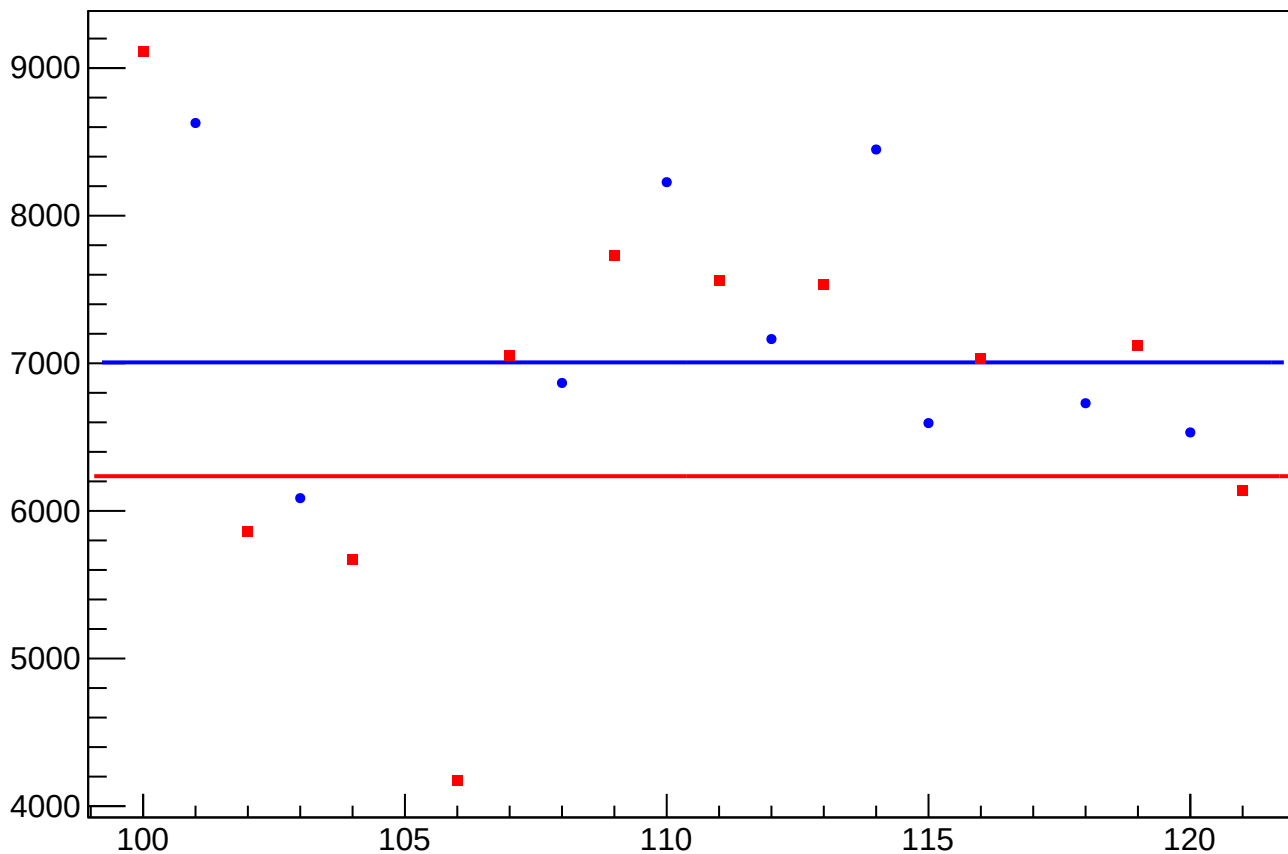
Right: -320.282+/-2318.322 χ^2/NDF : 20.7/19

In: -1633.229+/-3689.695 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.282+/-2318.322 χ^2/NDF : 20.7/19

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7006.103+/-2.609 χ^2/NDF : 103605.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6235.184+/-2.107 χ^2/NDF : 315357.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

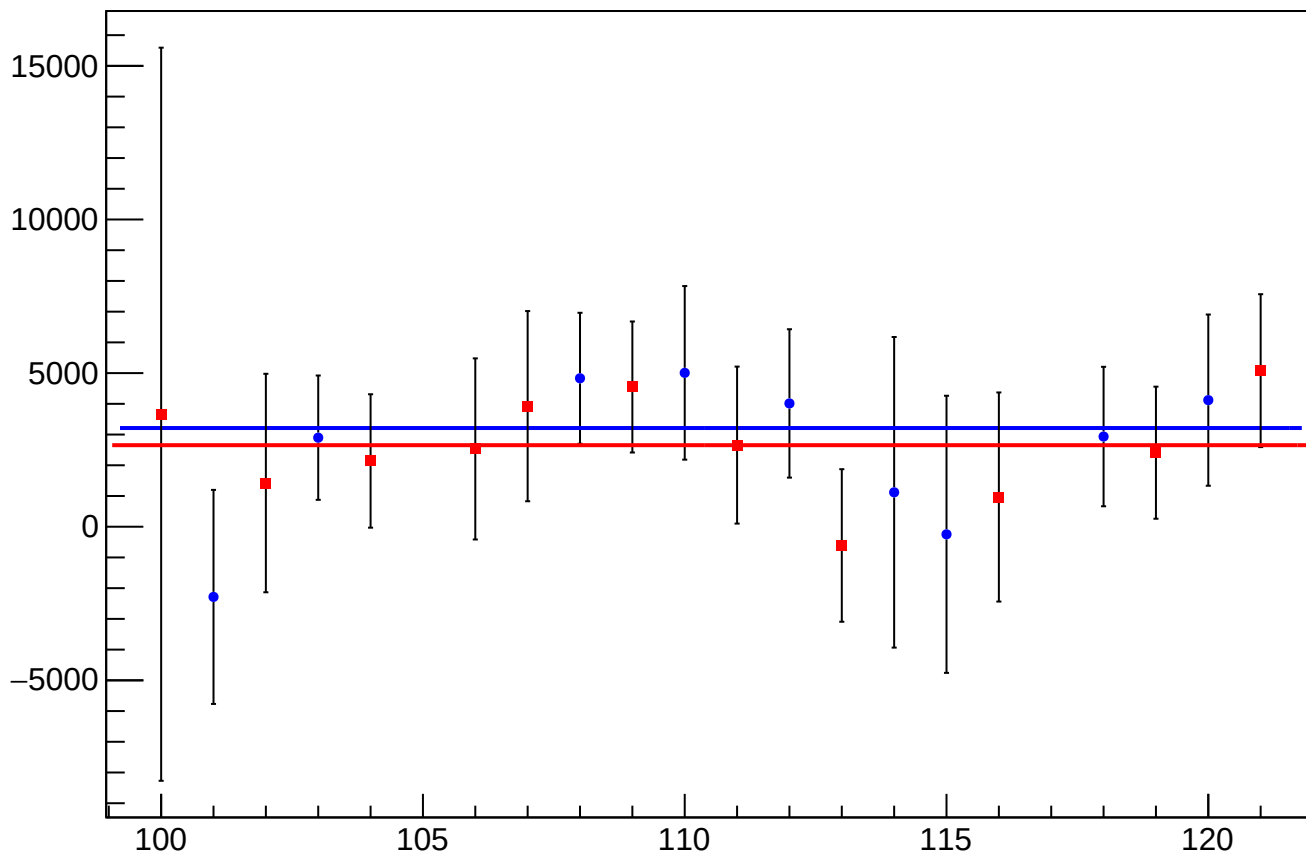
Right: 6539.535+/-1.639 χ^2/NDF : 471804.3/19

In: 7006.103+/-2.609 χ^2/NDF : 103605.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6539.535+/-1.639 χ^2/NDF : 471804.3/19

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3212.587 $\pm$ 892.694 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2653.845 $\pm$ 811.802 χ^2 /NDF: 4.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

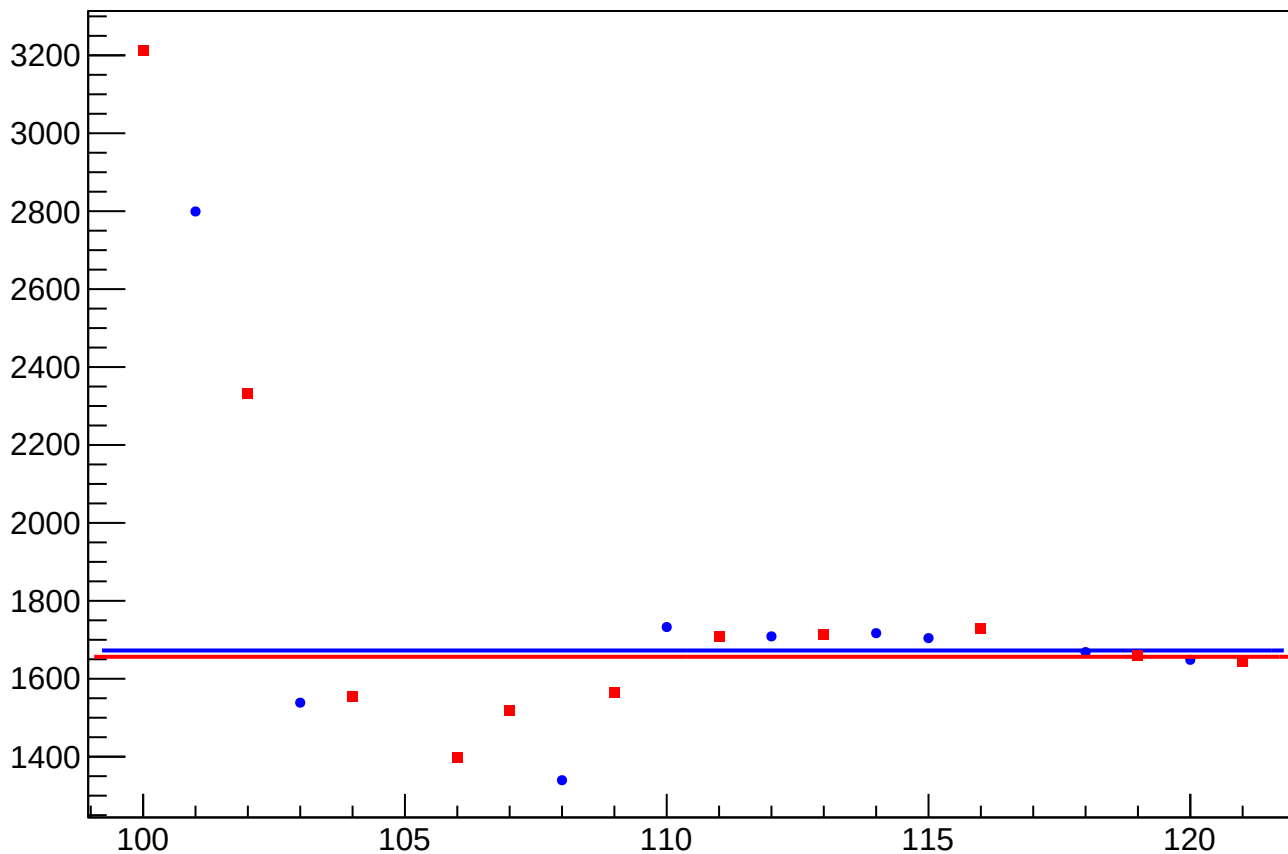
Right: 2906.759 $\pm$ 600.597 χ^2 /NDF: 8.8/19

In: 3212.587 $\pm$ 892.694 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2906.759 $\pm$ 600.597 χ^2 /NDF: 8.8/19

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.583+/-0.631 χ^2/NDF : 268557.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.367+/-0.574 χ^2/NDF : 136497.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

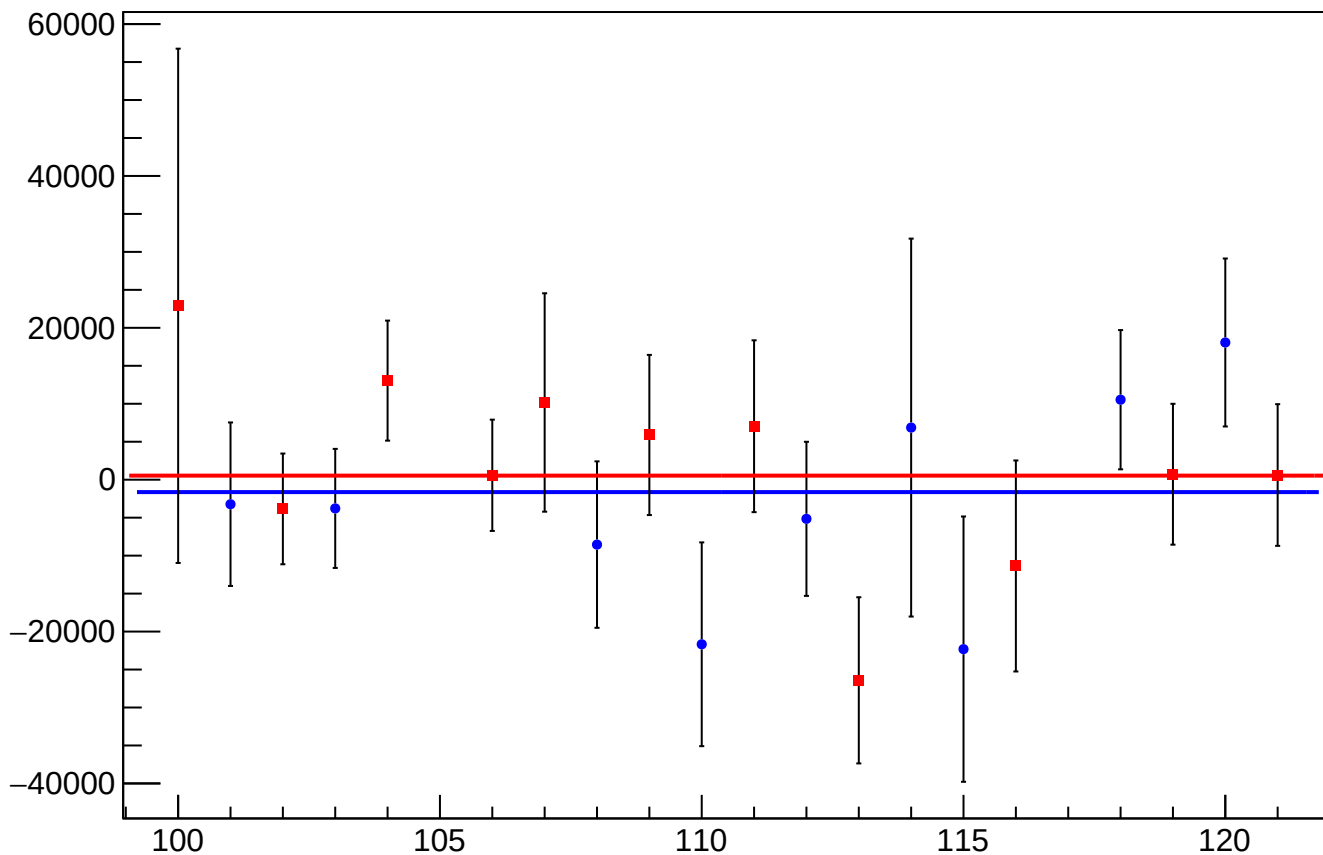
Right: 1663.703+/-0.425 χ^2/NDF : 405416.6/19

In: 1672.583+/-0.631 χ^2/NDF : 268557.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.703+/-0.425 χ^2/NDF : 405416.6/19

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1633.214+/-3689.686 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.184+/-2980.025 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

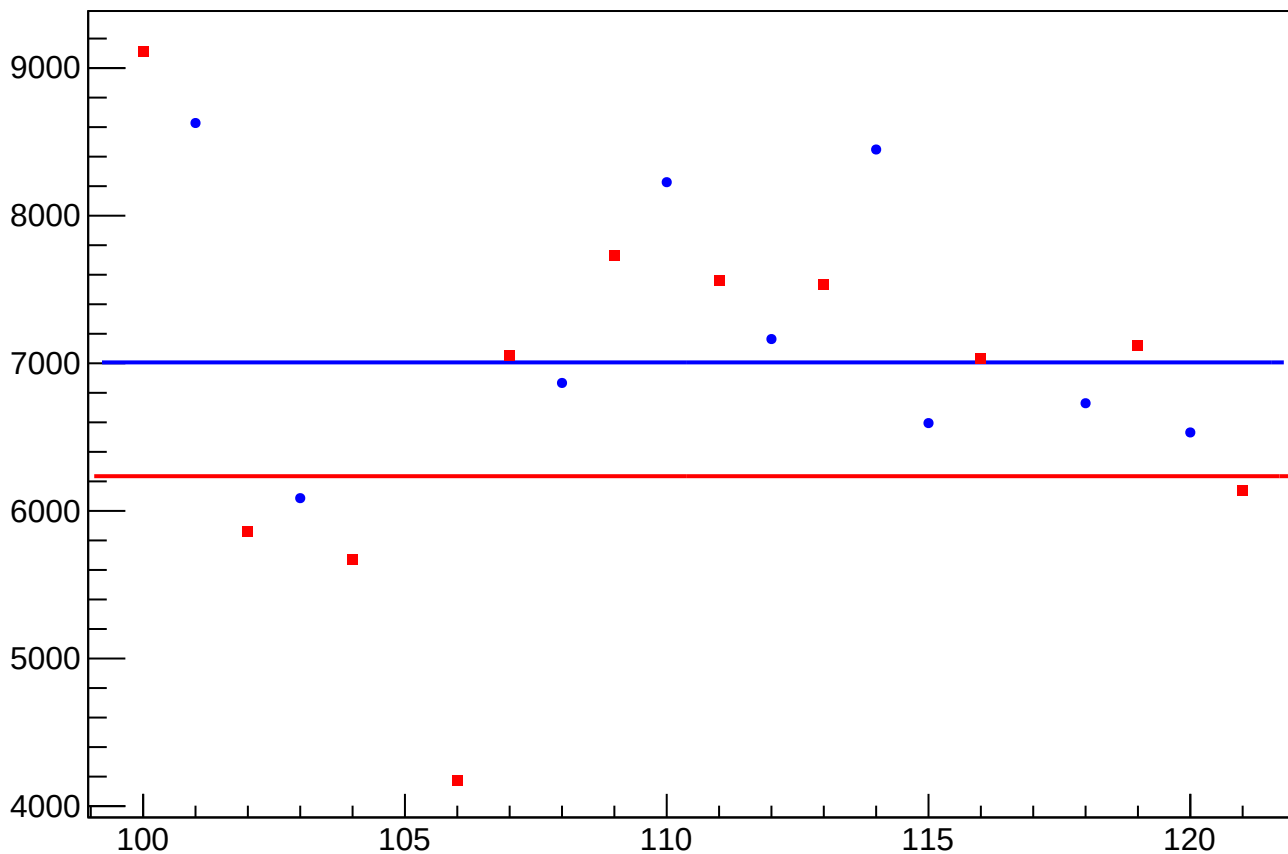
Right: -320.273+/-2318.317 χ^2/NDF : 20.7/19

In: -1633.214+/-3689.686 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.273+/-2318.317 χ^2/NDF : 20.7/19

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7006.086+/-2.609 χ^2/NDF : 103605.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6235.171+/-2.107 χ^2/NDF : 315356.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

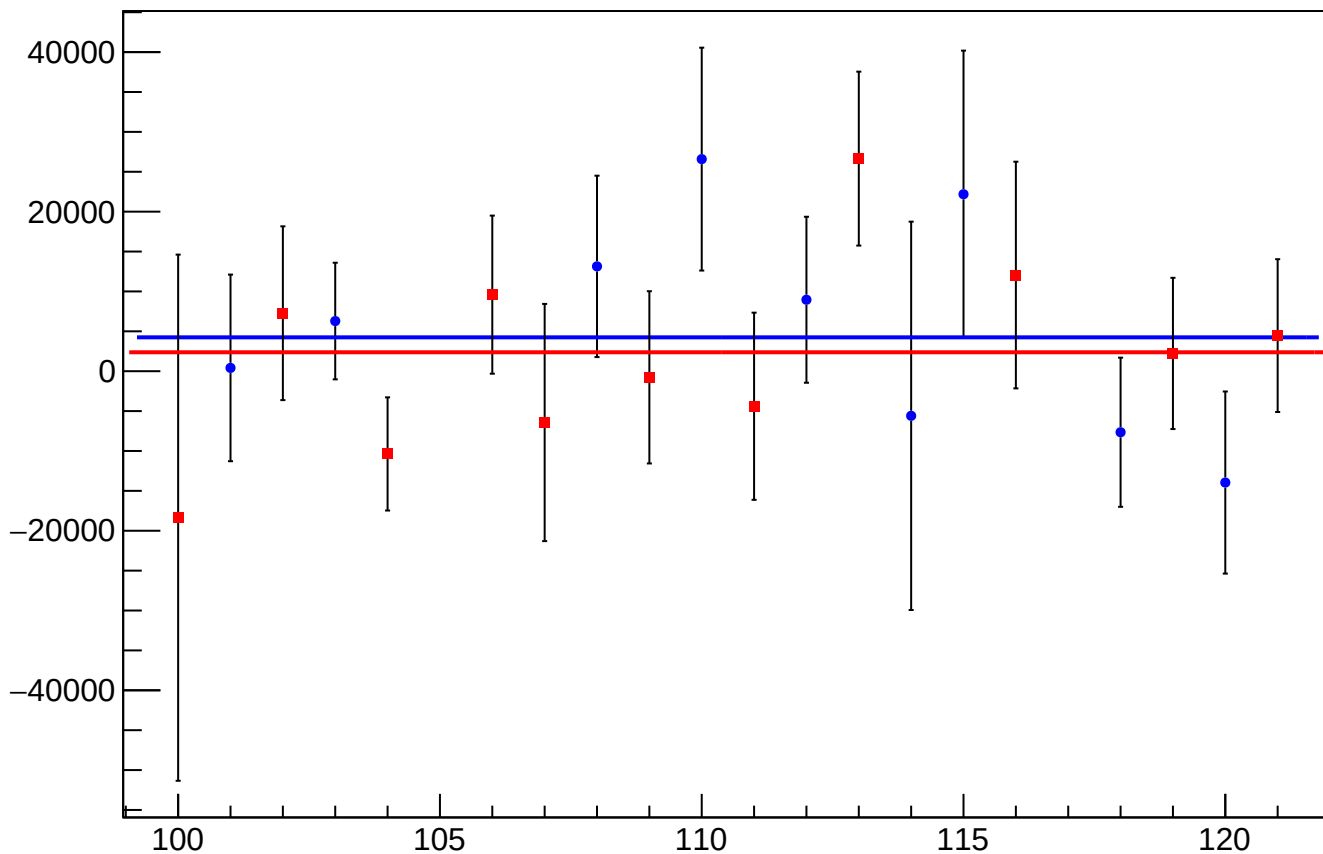
Right: 6539.521+/-1.639 χ^2/NDF : 471802.8/19

In: 7006.086+/-2.609 χ^2/NDF : 103605.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6539.521+/-1.639 χ^2/NDF : 471802.8/19

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4244.776+/-3726.500 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2372.253+/-3241.470 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

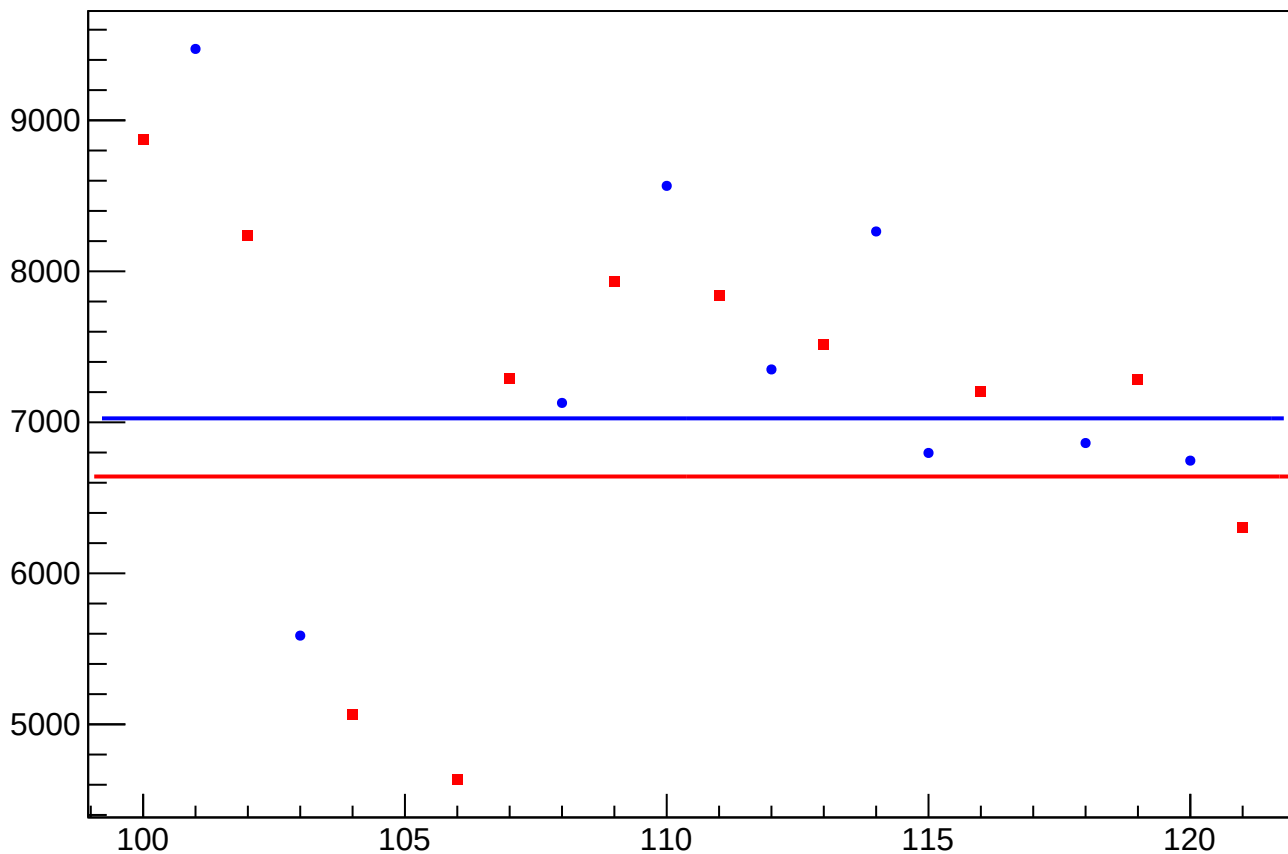
Right: 3178.799+/-2445.695 χ^2/NDF : 19.6/19

In: 4244.776+/-3726.500 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3178.799+/-2445.695 χ^2/NDF : 19.6/19

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7026.260+/-2.635 χ^2/NDF : 198673.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6641.240+/-2.292 χ^2/NDF : 314182.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

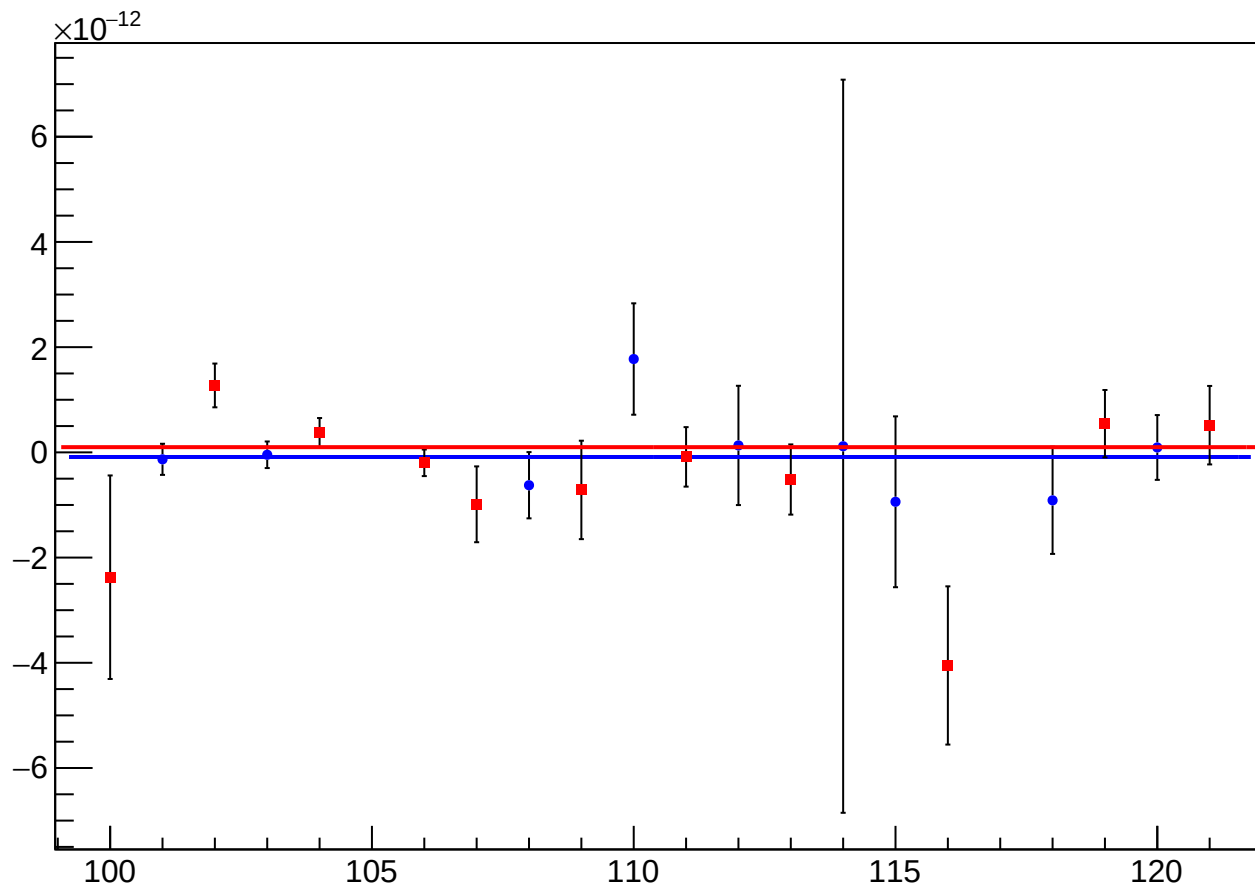
Right: 6807.063+/-1.729 χ^2/NDF : 525010.3/19

In: 7026.260+/-2.635 χ^2/NDF : 198673.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6807.063+/-1.729 χ^2/NDF : 525010.3/19

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

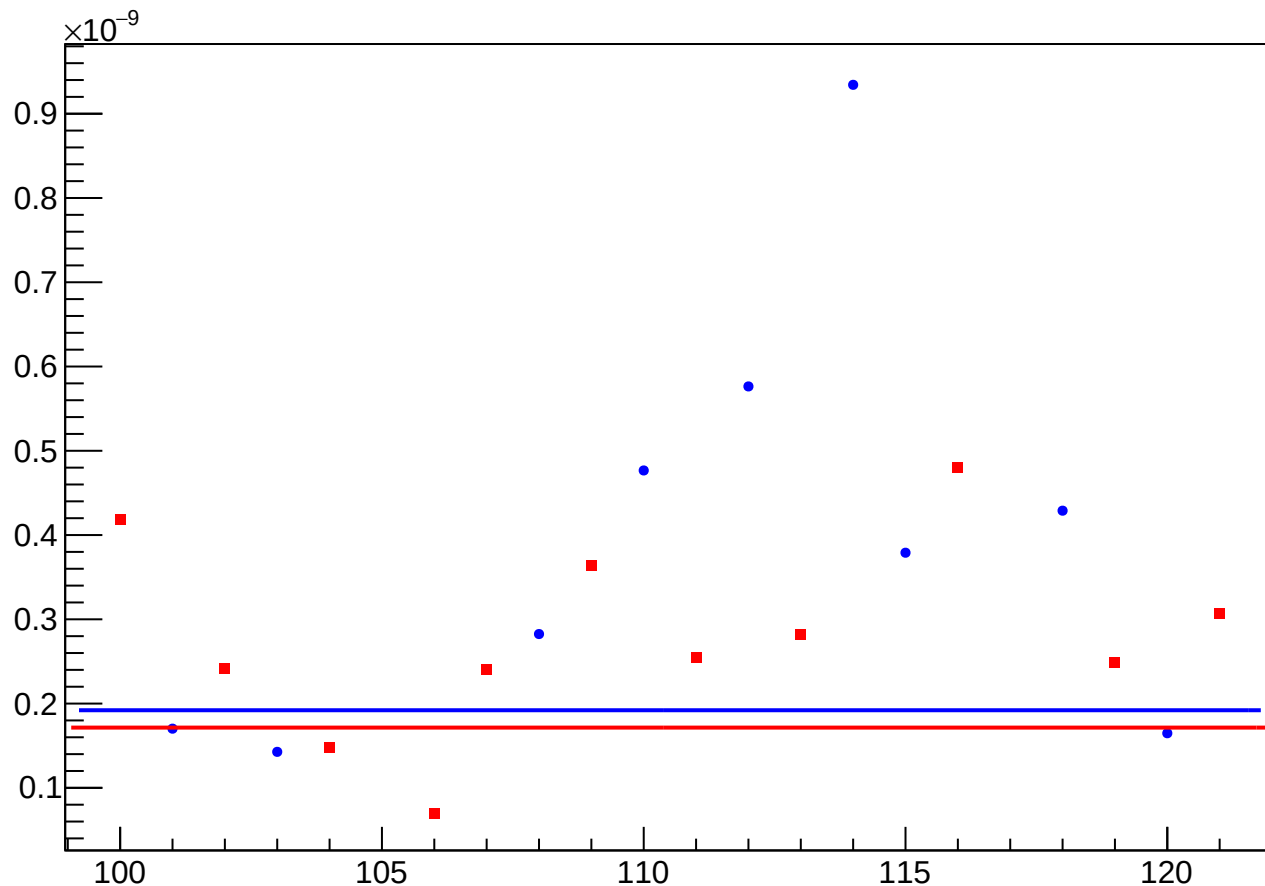
Right: 0.000+/-0.000 χ^2/NDF : 30.0/19

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/19

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 664111.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 809987.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

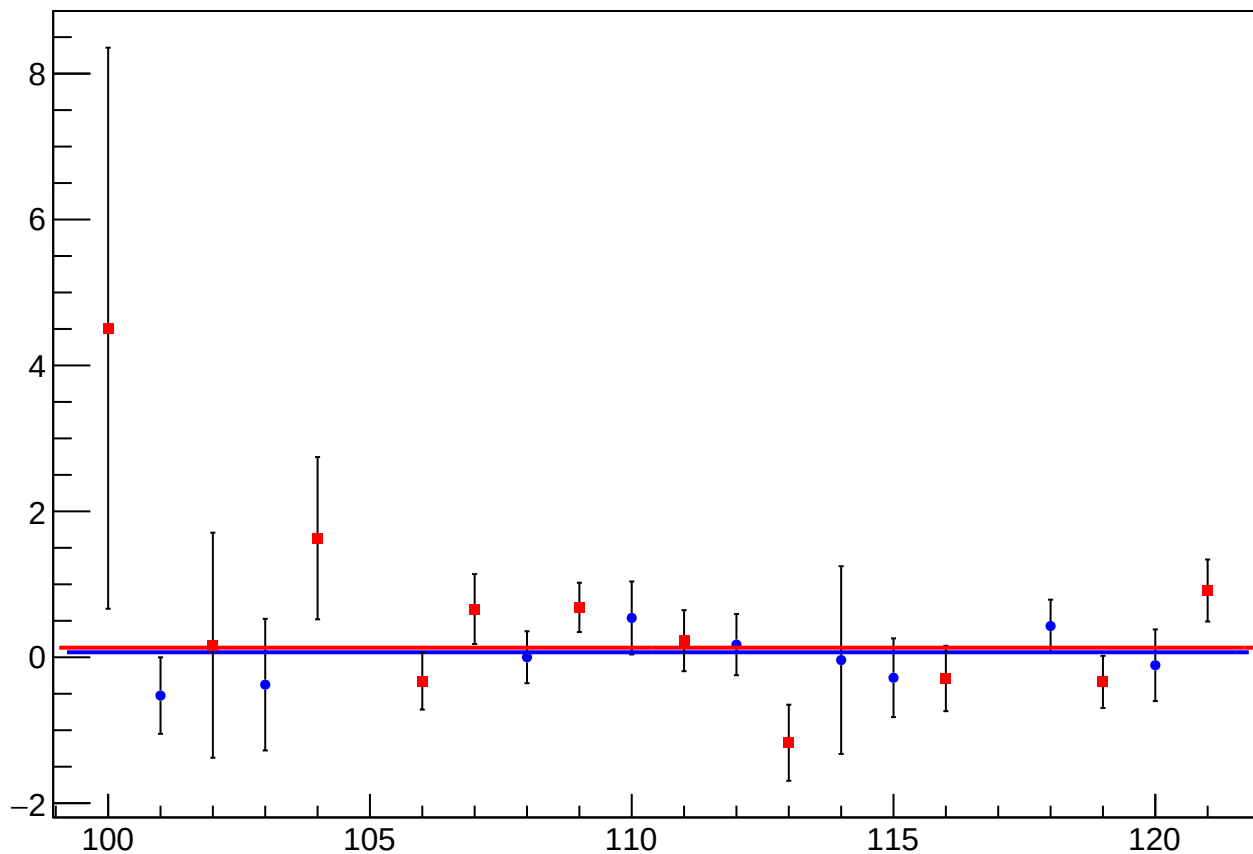
Right: 0.000+/-0.000 χ^2/NDF : 1491296.9/19

In: 0.000+/-0.000 χ^2/NDF : 664111.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1491296.9/19

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

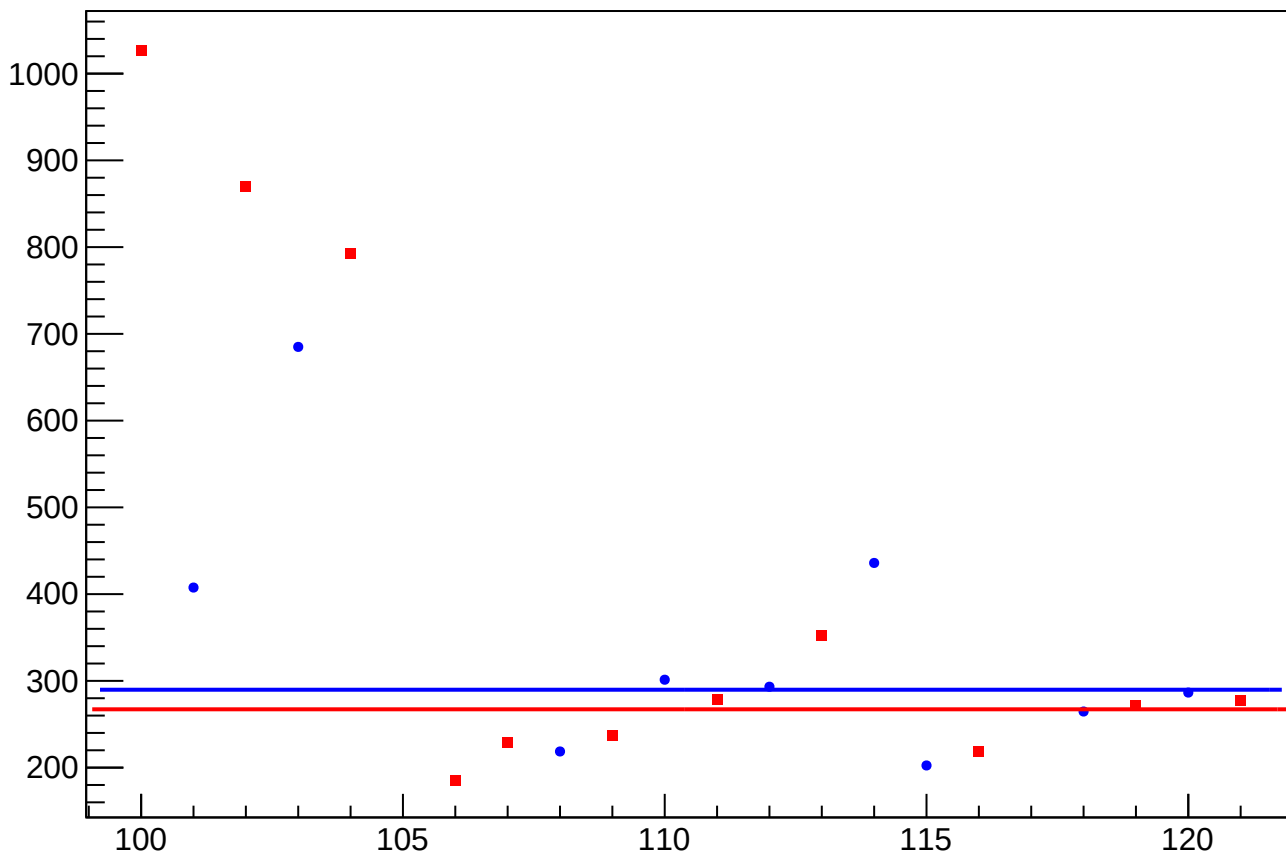
Right: 0.104+/-0.107 χ^2/NDF : 24.8/19

In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.107 χ^2/NDF : 24.8/19

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.228+/-0.101 χ^2/NDF : 1026569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

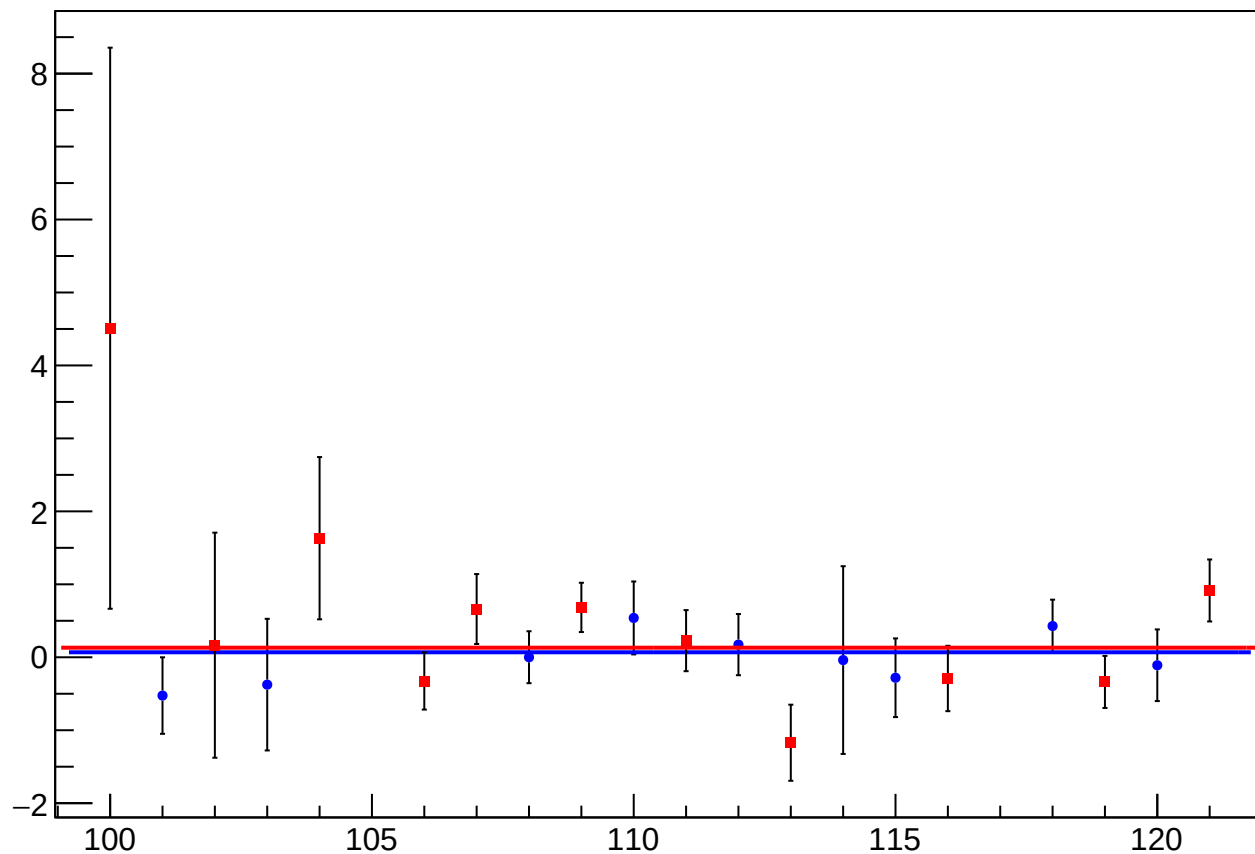
Right: 277.163+/-0.076 χ^2/NDF : 1702176.8/19

In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.163+/-0.076 χ^2/NDF : 1702176.8/19

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

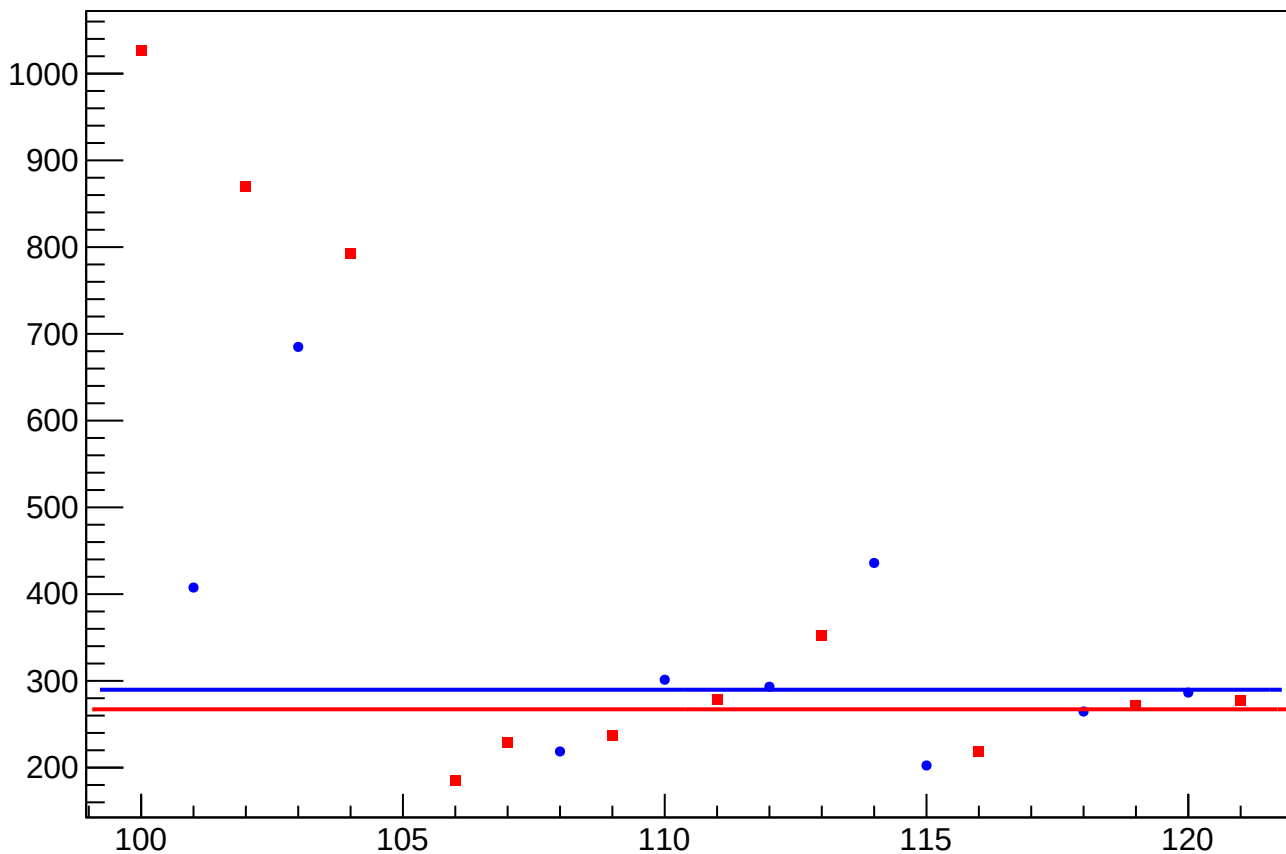
Right: 0.104+/-0.107 χ^2/NDF : 24.8/19

In: 0.068+/-0.162 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.104+/-0.107 χ^2/NDF : 24.8/19

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.228+/-0.101 χ^2/NDF : 1026569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

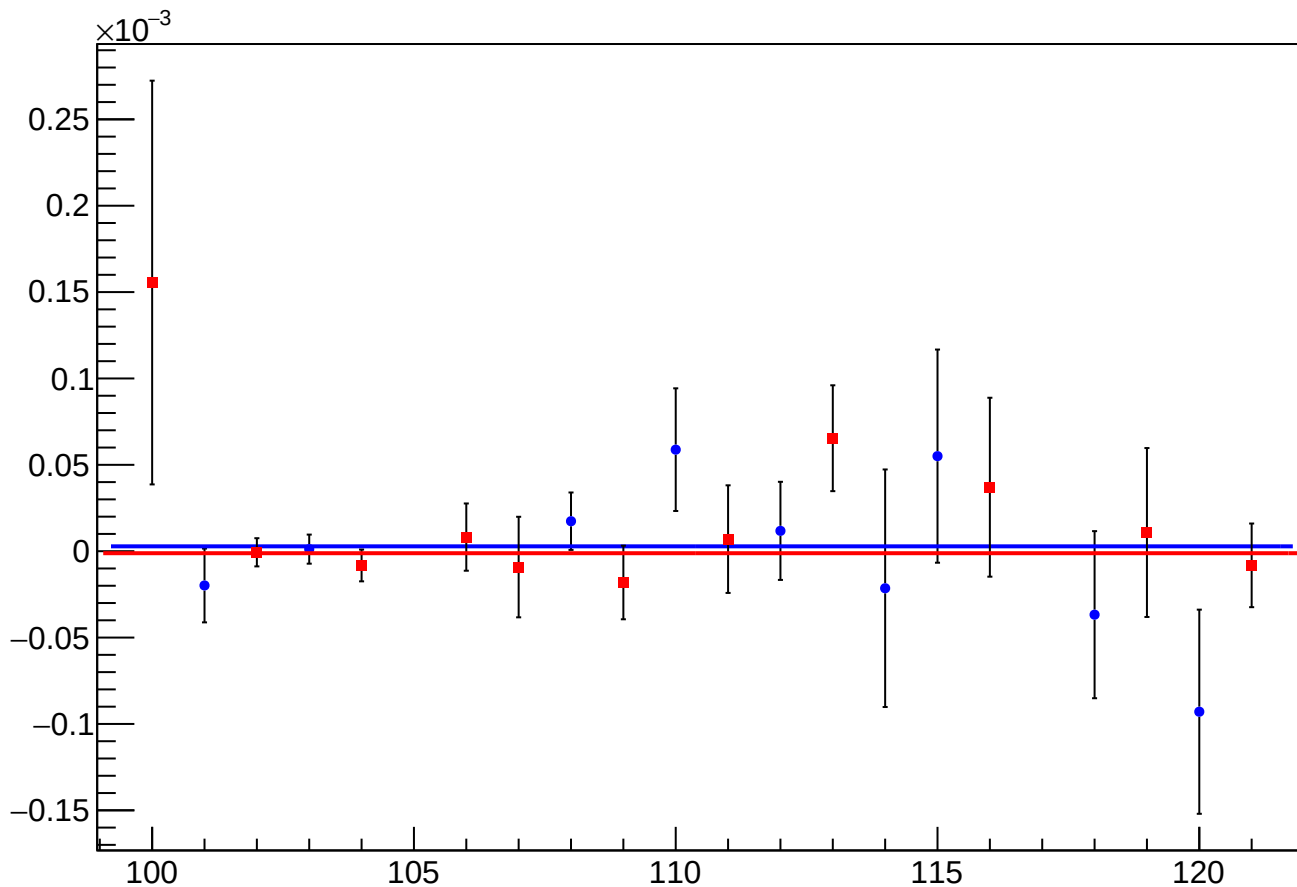
Right: 277.163+/-0.076 χ^2/NDF : 1702176.8/19

In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.163+/-0.076 χ^2/NDF : 1702176.8/19

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

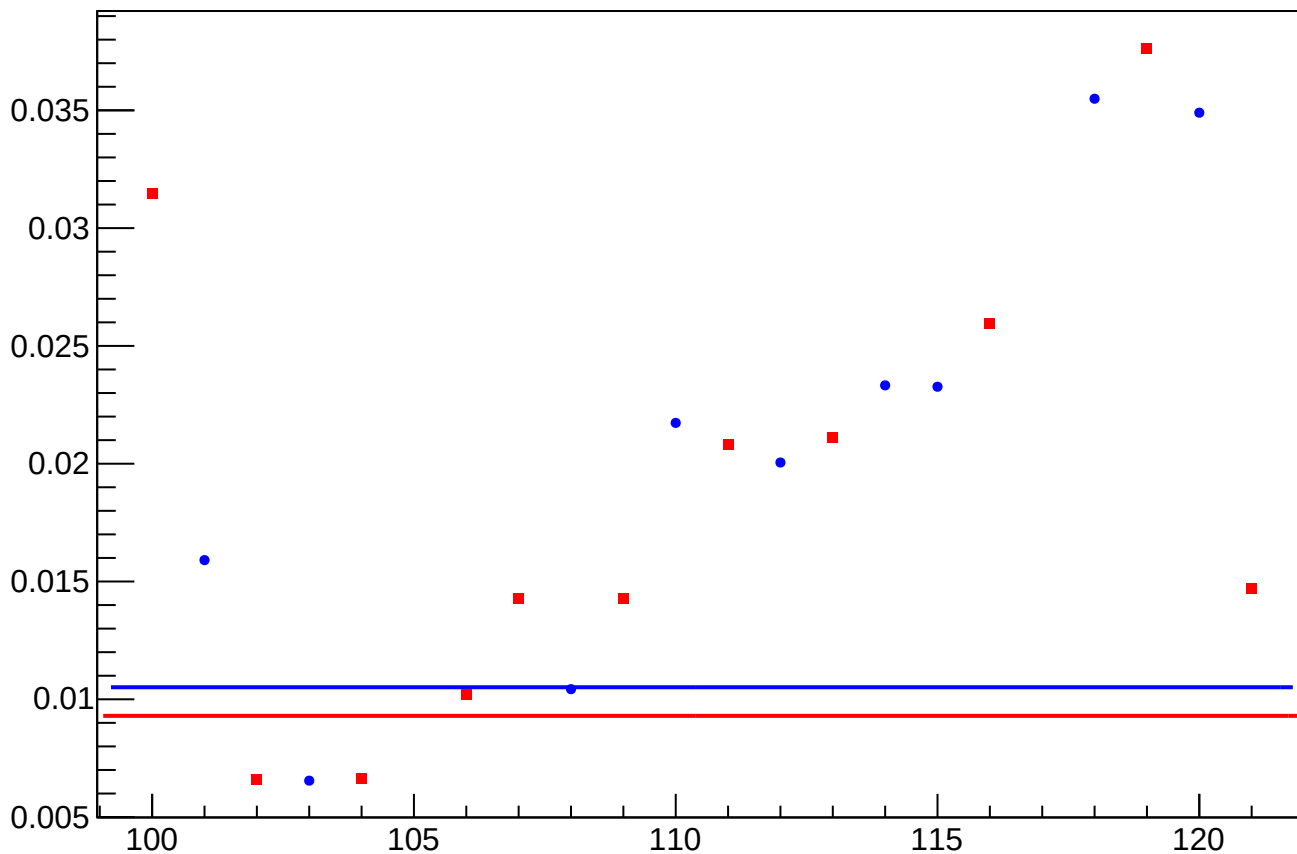
Right: 0.000+/-0.000 χ^2/NDF : 17.7/19

In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/19

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 2026131.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 2183400.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

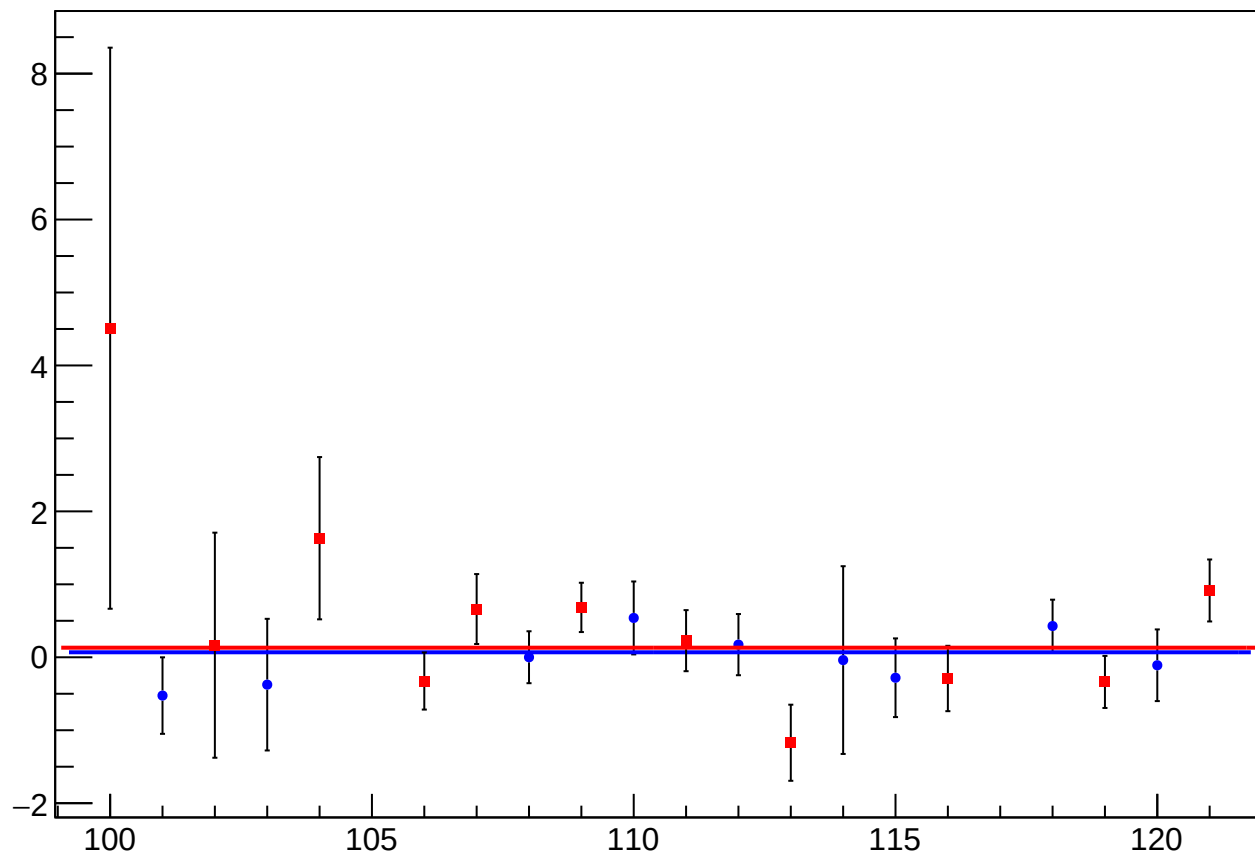
Right: 0.010+/-0.000 χ^2/NDF : 4251708.3/19

In: 0.011+/-0.000 χ^2/NDF : 2026131.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 4251708.3/19

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

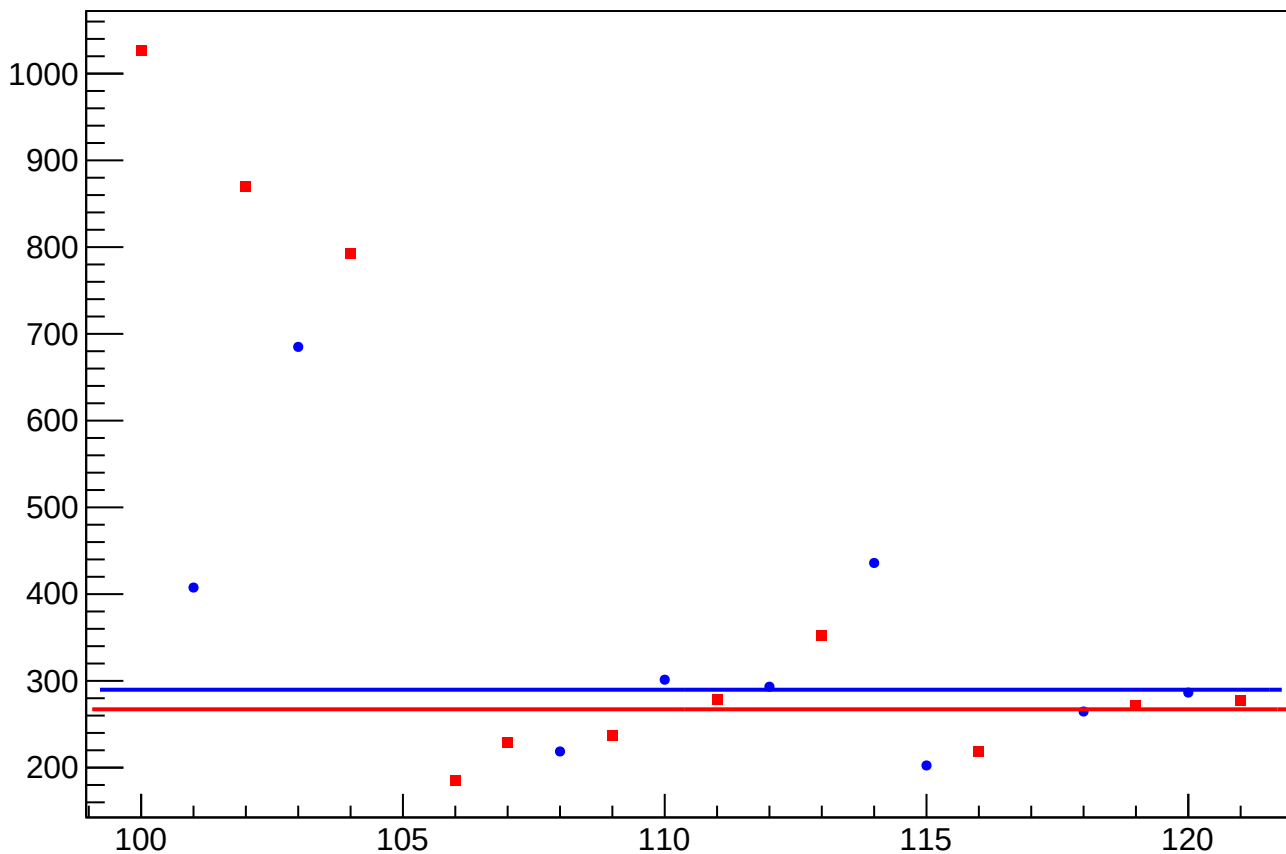
Right: 0.104+/-0.107 χ^2/NDF : 24.8/19

In: 0.068+/-0.162 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.104+/-0.107 χ^2/NDF : 24.8/19

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.229+/-0.101 χ^2/NDF : 1026556.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

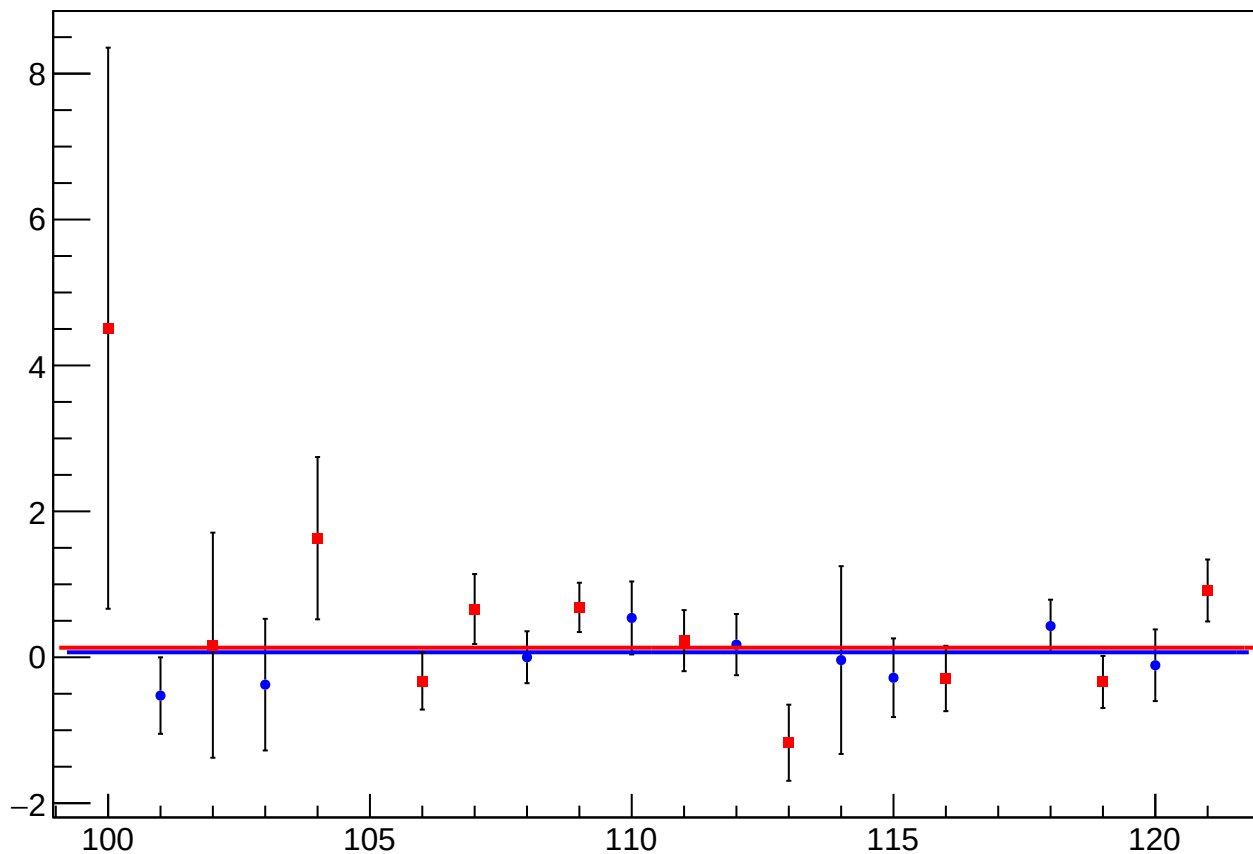
Right: 277.165+/-0.076 χ^2/NDF : 1702144.0/19

In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.165+/-0.076 χ^2/NDF : 1702144.0/19

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

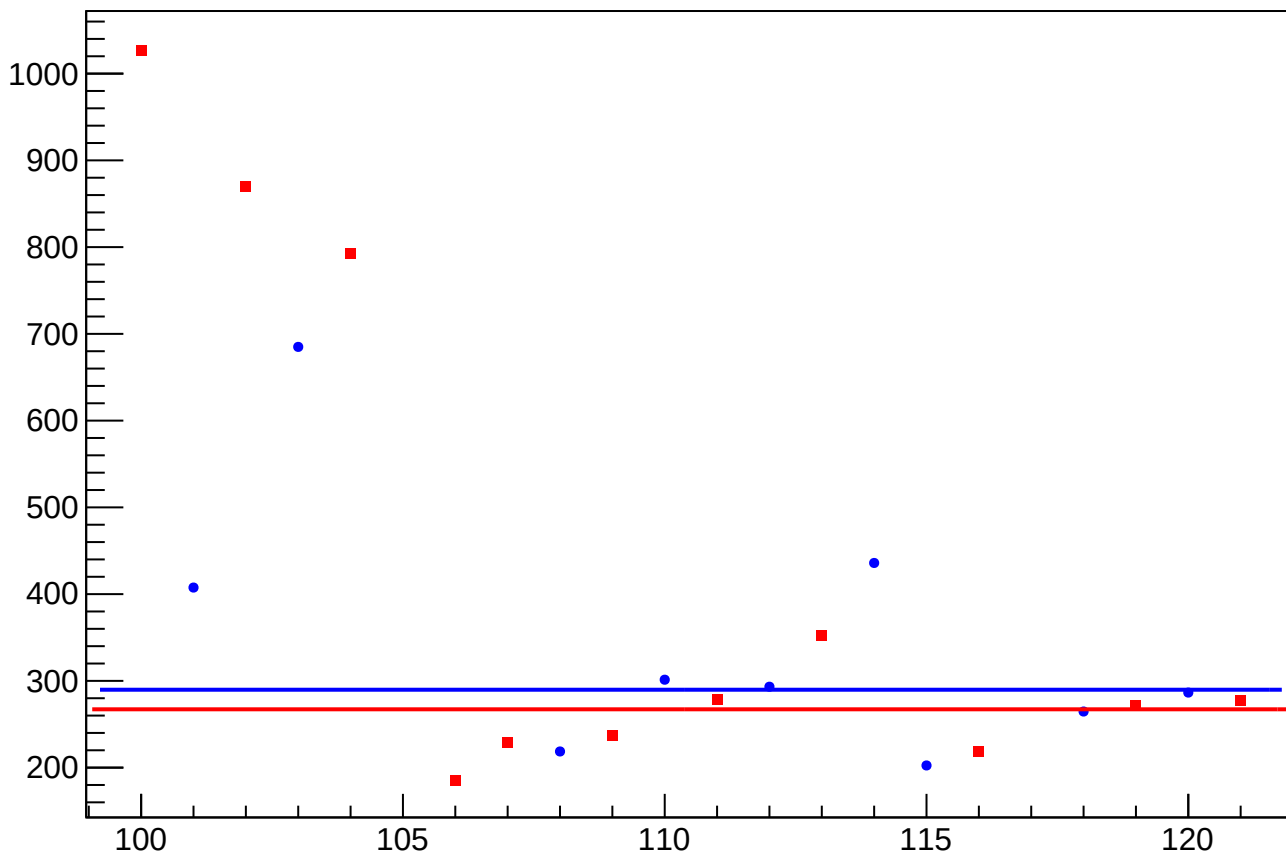
Right: 0.104+/-0.107 χ^2/NDF : 24.8/19

In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.107 χ^2/NDF : 24.8/19

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.229+/-0.101 χ^2/NDF : 1026556.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

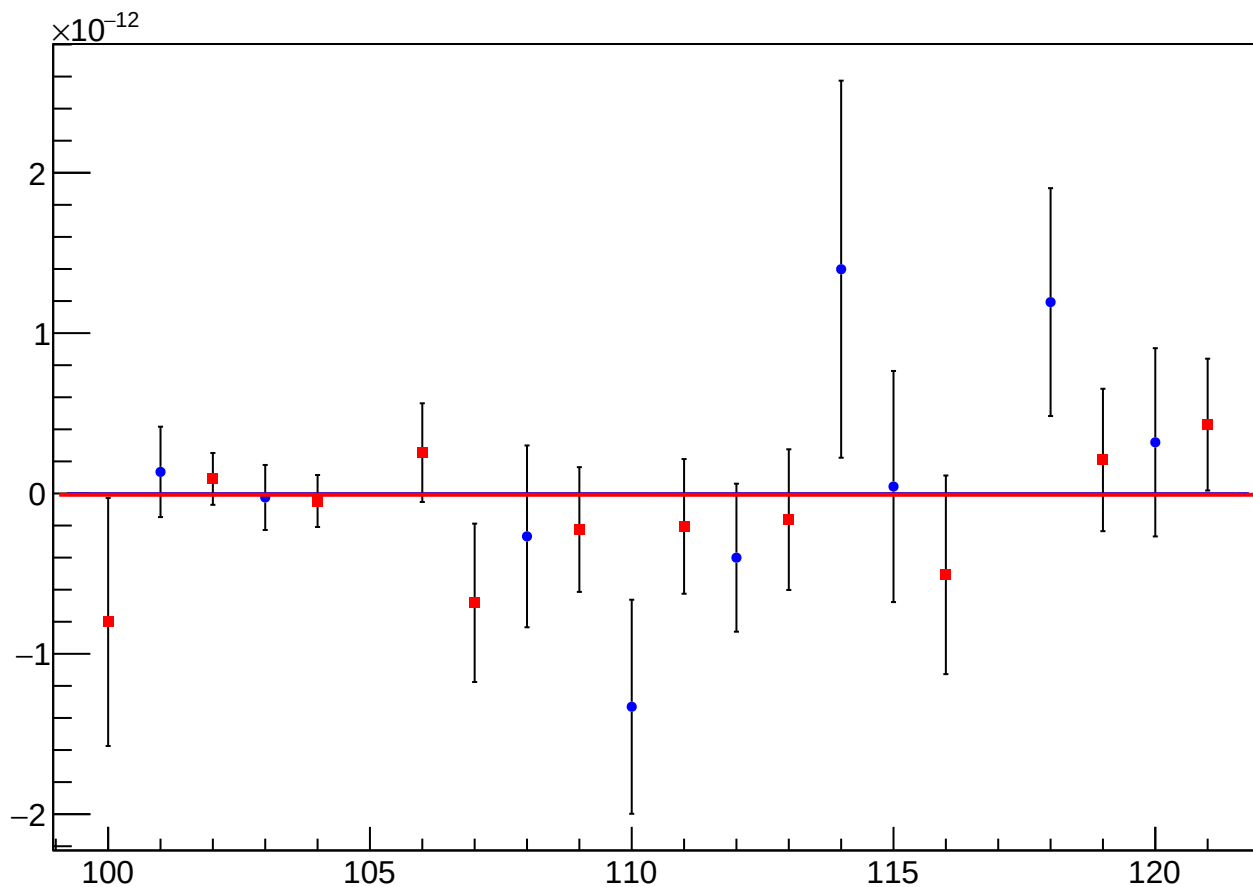
Right: 277.165+/-0.076 χ^2/NDF : 1702144.0/19

In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.165+/-0.076 χ^2/NDF : 1702144.0/19

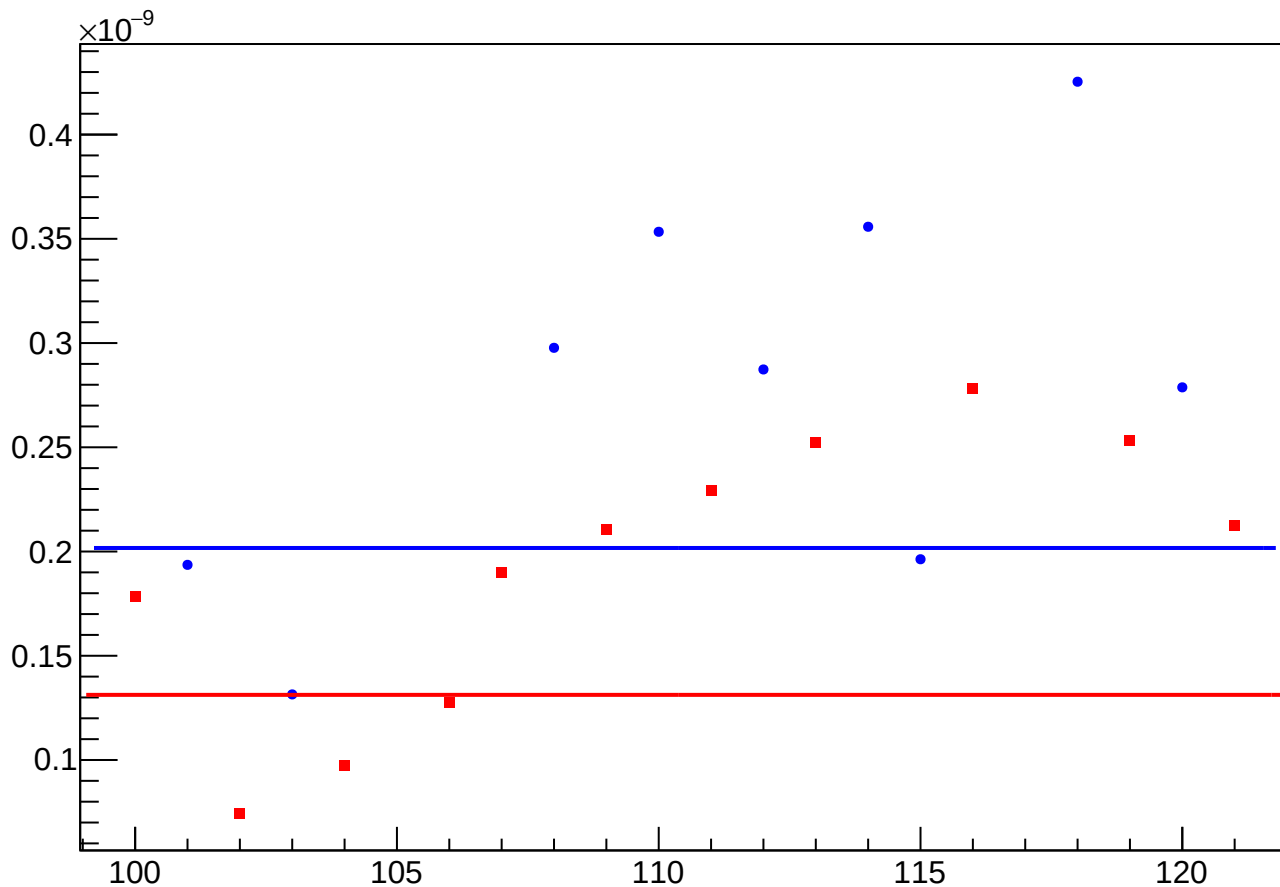
asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 16.5/19
 In: -0.000+/-0.000 χ^2/NDF : 9.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 16.5/19

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 737932.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1055698.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

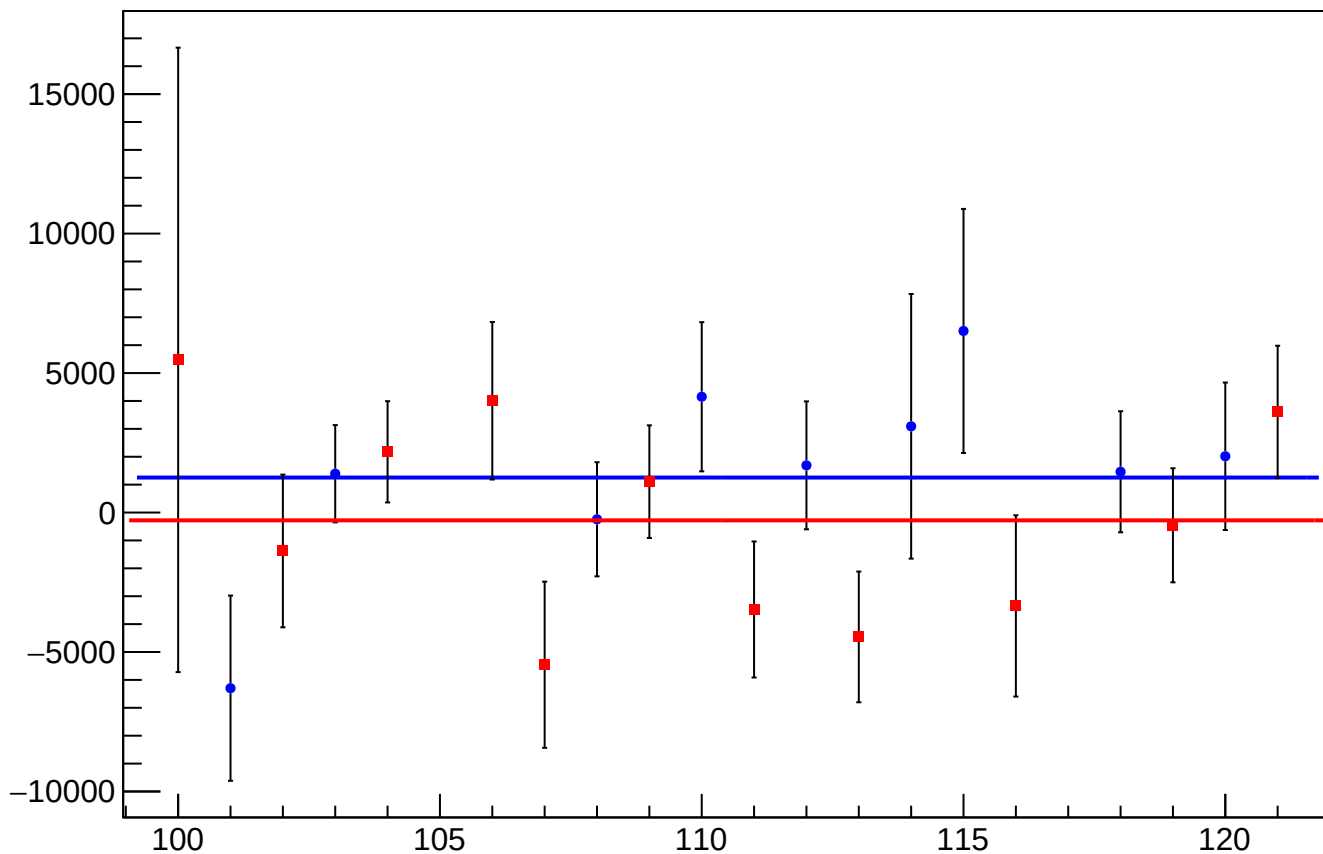
Right: 0.000+/-0.000 χ^2/NDF : 2169123.7/19

In: 0.000+/-0.000 χ^2/NDF : 737932.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2169123.7/19

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1254.494 $\pm$ 833.077 χ^2 /NDF: 8.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -280.795 $\pm$ 747.372 χ^2 /NDF: 16.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

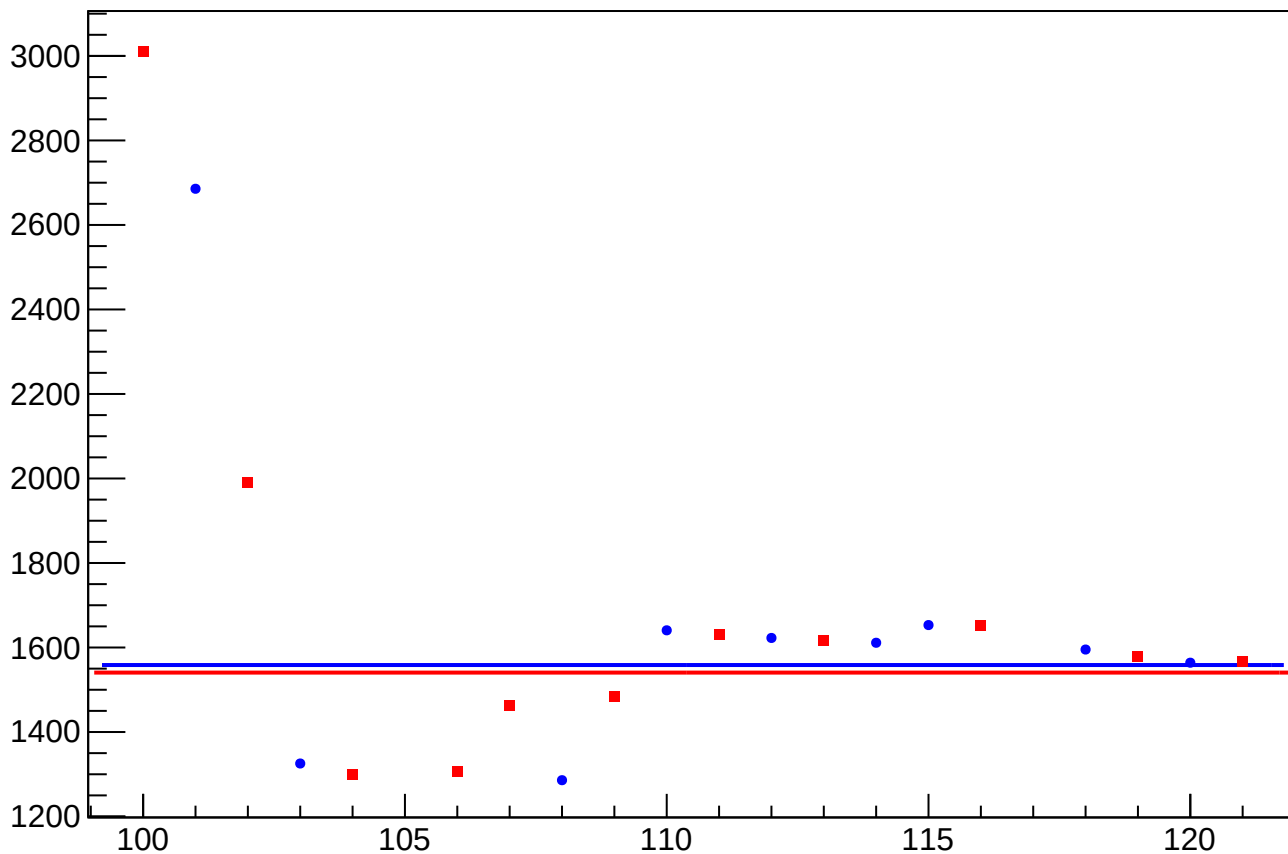
Right: 403.837 $\pm$ 556.313 χ^2 /NDF: 27.0/19

In: 1254.494 $\pm$ 833.077 χ^2 /NDF:8.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 403.837 $\pm$ 556.313 χ^2 /NDF: 27.0/19

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1558.525+/-0.589 χ^2/NDF : 306987.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.631+/-0.528 χ^2/NDF : 148136.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

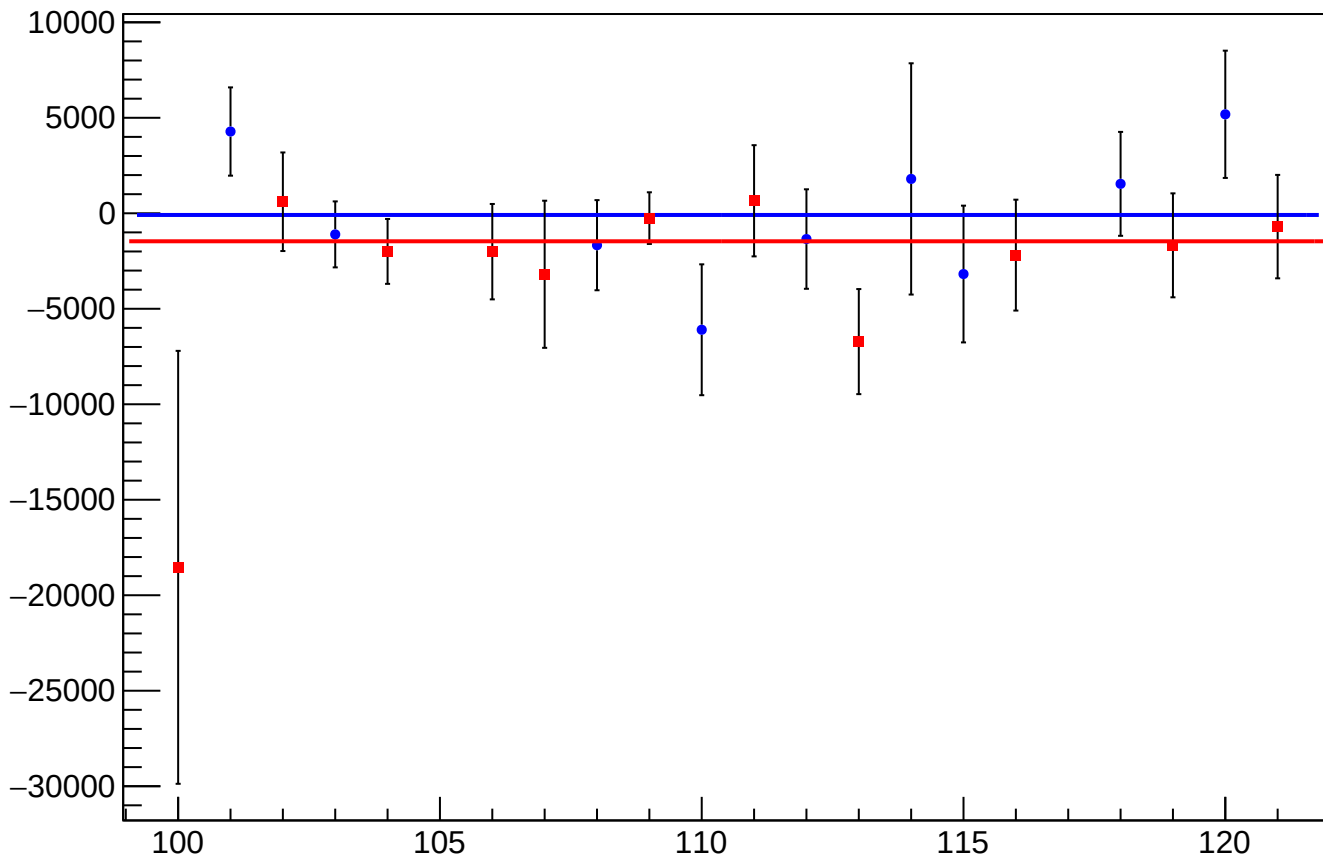
Right: 1548.611+/-0.393 χ^2/NDF : 455635.5/19

In: 1558.525+/-0.589 χ^2/NDF : 306987.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.611+/-0.393 χ^2/NDF : 455635.5/19

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -88.013+/-889.166 χ^2/NDF : 11.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1466.240+/-721.840 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

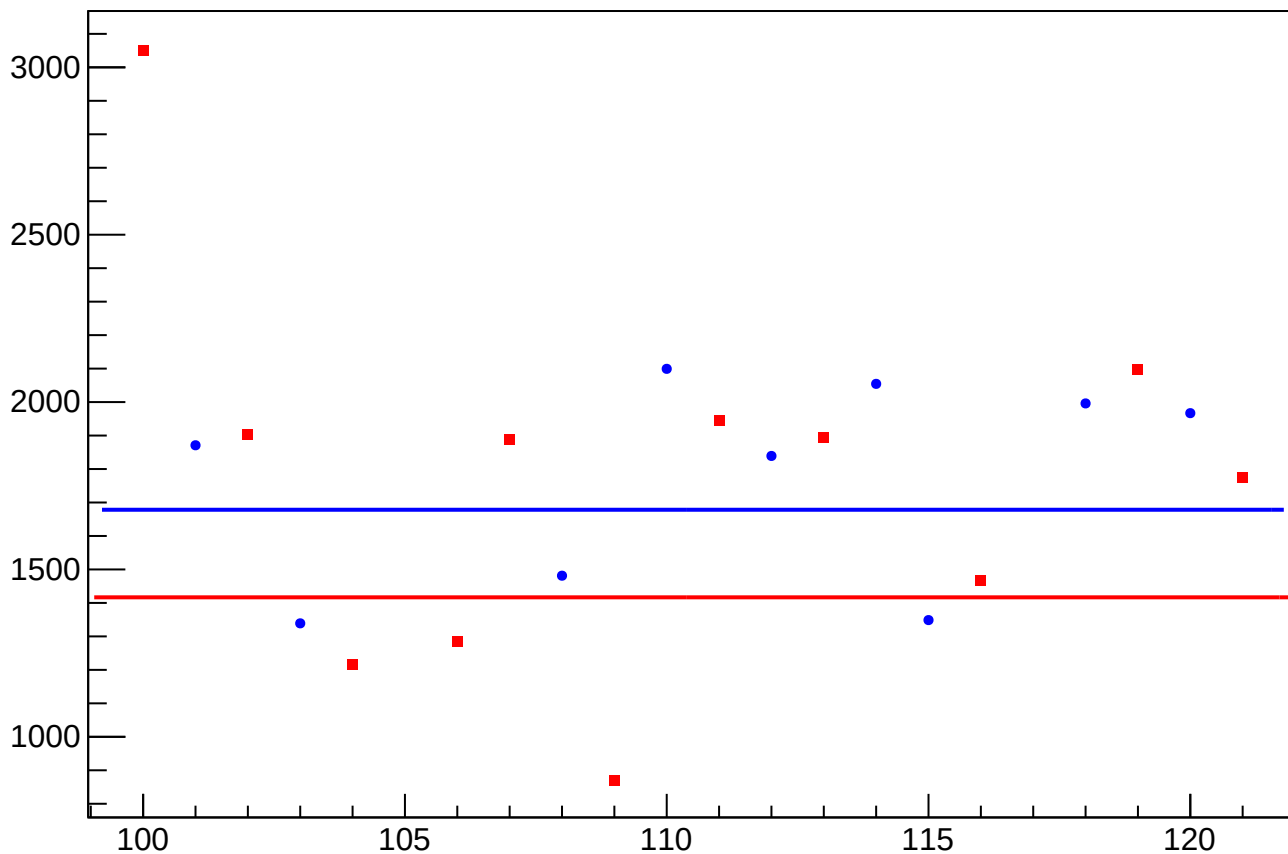
Right: -918.748+/-560.417 χ^2/NDF : 21.2/19

In: -88.013+/-889.166 χ^2/NDF : 11.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -918.748+/-560.417 χ^2/NDF : 21.2/19

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1678.337+/-0.629 χ^2/NDF : 209749.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.711+/-0.510 χ^2/NDF : 790388.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

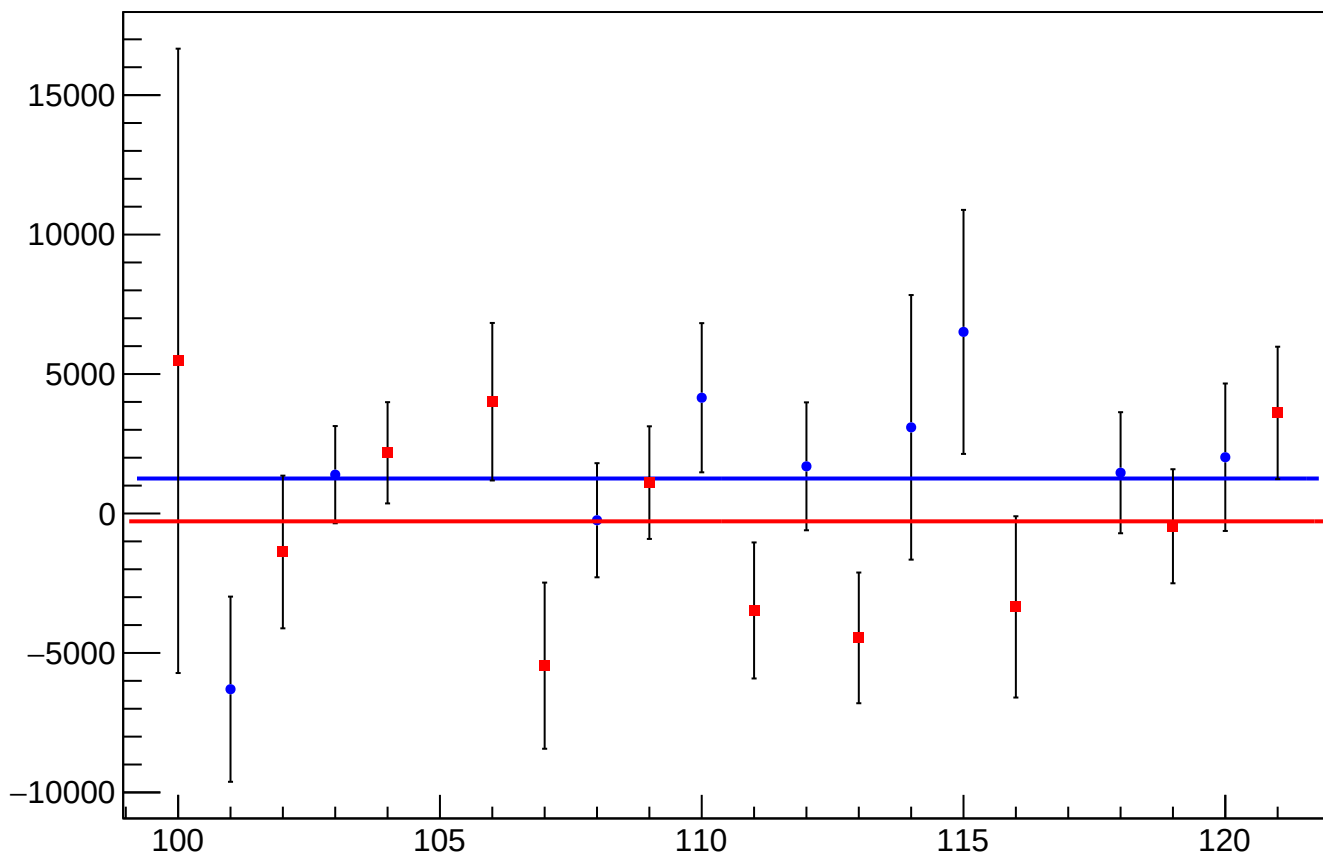
Right: 1520.640+/-0.396 χ^2/NDF : 1104505.6/19

In: 1678.337+/-0.629 χ^2/NDF : 209749.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1520.640+/-0.396 χ^2/NDF : 1104505.6/19

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.154+/-747.372 χ^2/NDF : 16.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

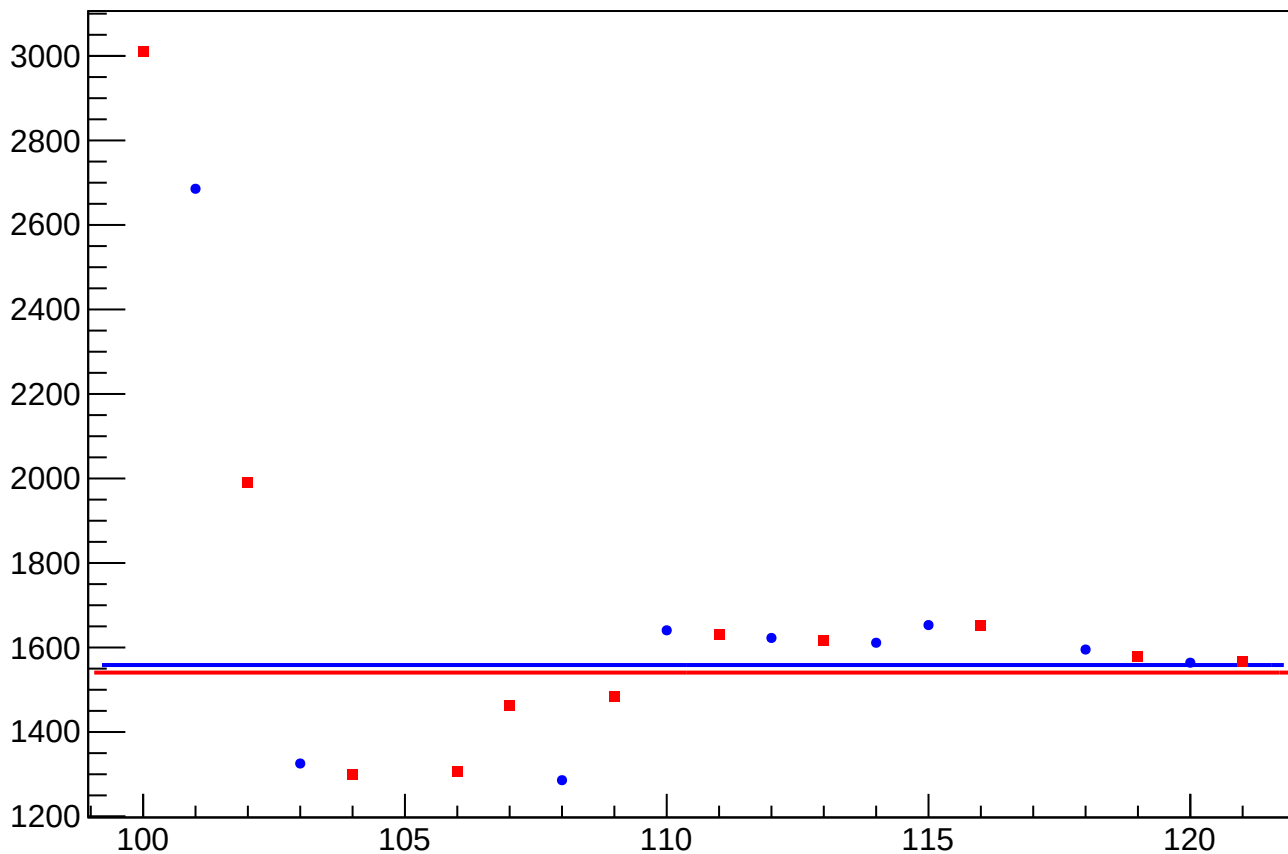
Right: 403.566+/-556.313 χ^2/NDF : 27.0/19

In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.566+/-556.313 χ^2/NDF : 27.0/19

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.631+/-0.528 χ^2/NDF : 148136.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

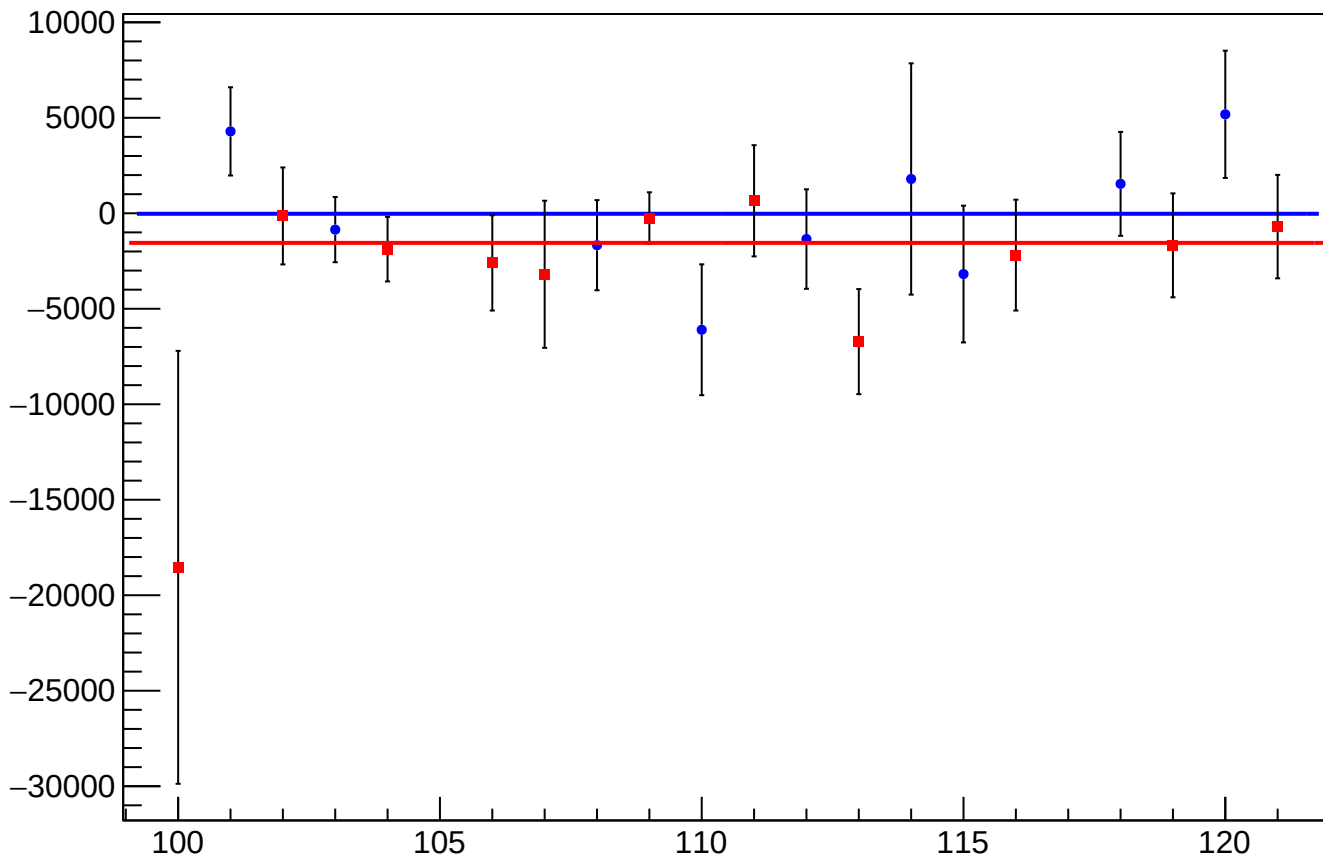
Right: 1548.610+/-0.393 χ^2/NDF : 455635.5/19

In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.610+/-0.393 χ^2/NDF : 455635.5/19

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1549.670+/-720.168 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

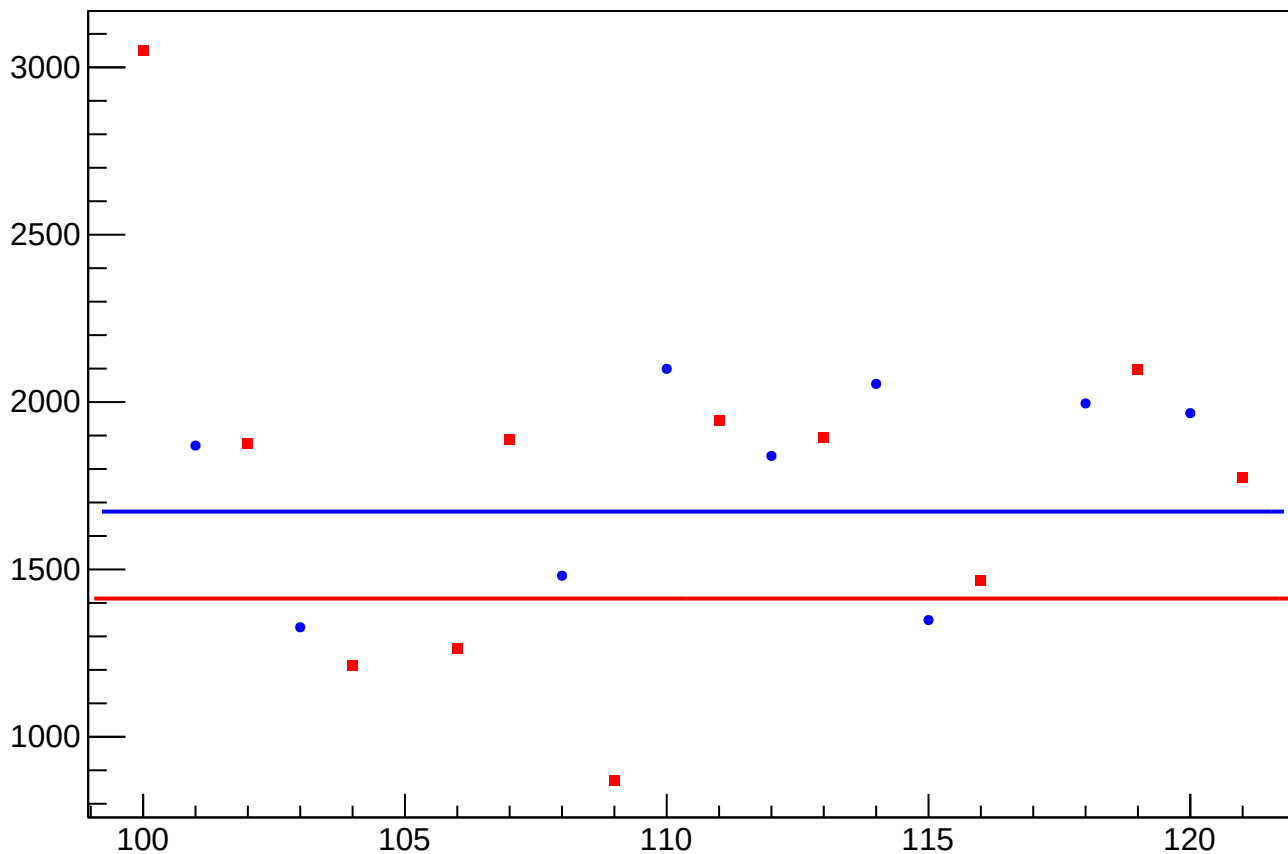
Right: -943.637+/-558.889 χ^2/NDF : 21.2/19

In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.637+/-558.889 χ^2/NDF : 21.2/19

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.128+/-0.509 χ^2/NDF : 787082.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

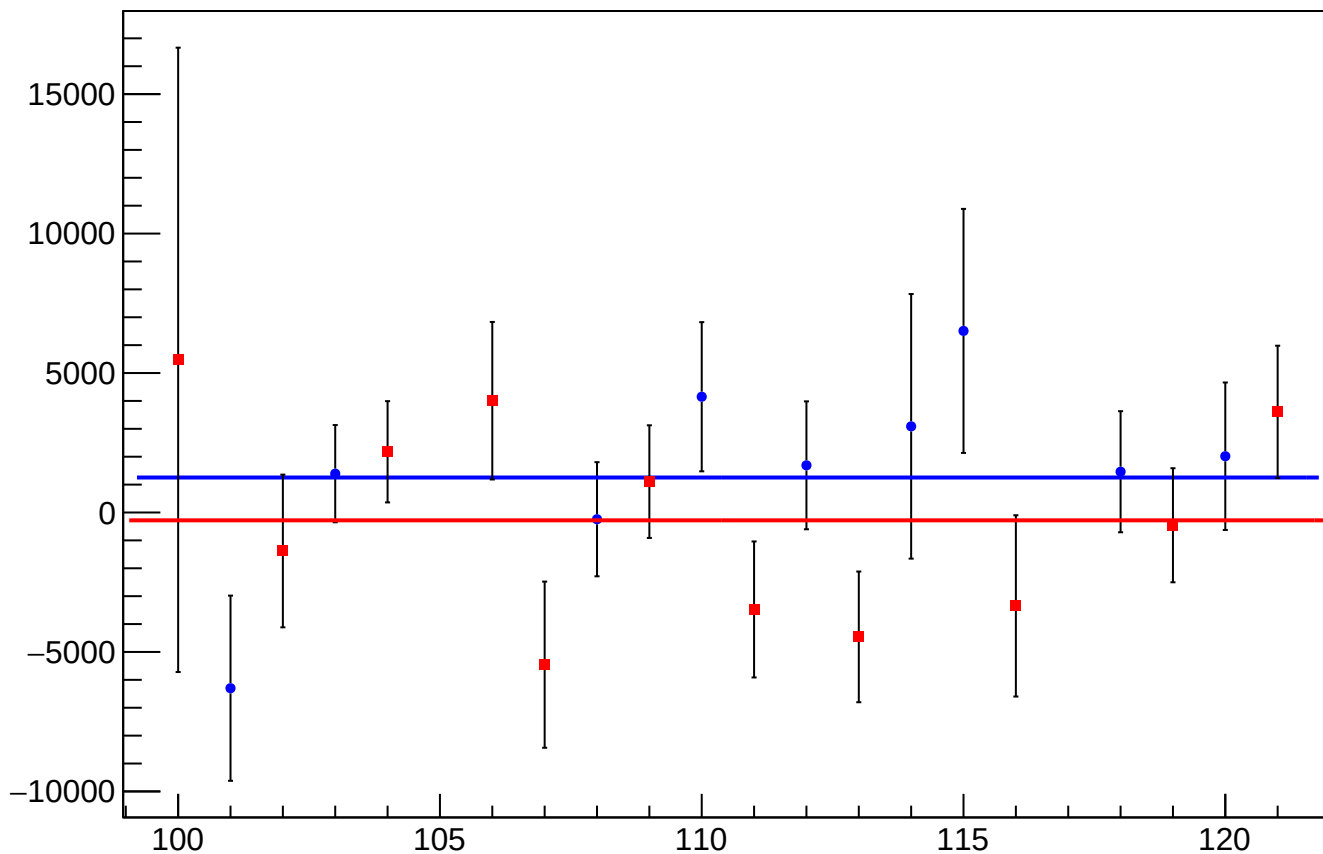
Right: 1516.420+/-0.395 χ^2/NDF : 1107573.5/19

In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.420+/-0.395 χ^2/NDF : 1107573.5/19

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -281.154+/-747.372 χ^2/NDF : 16.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

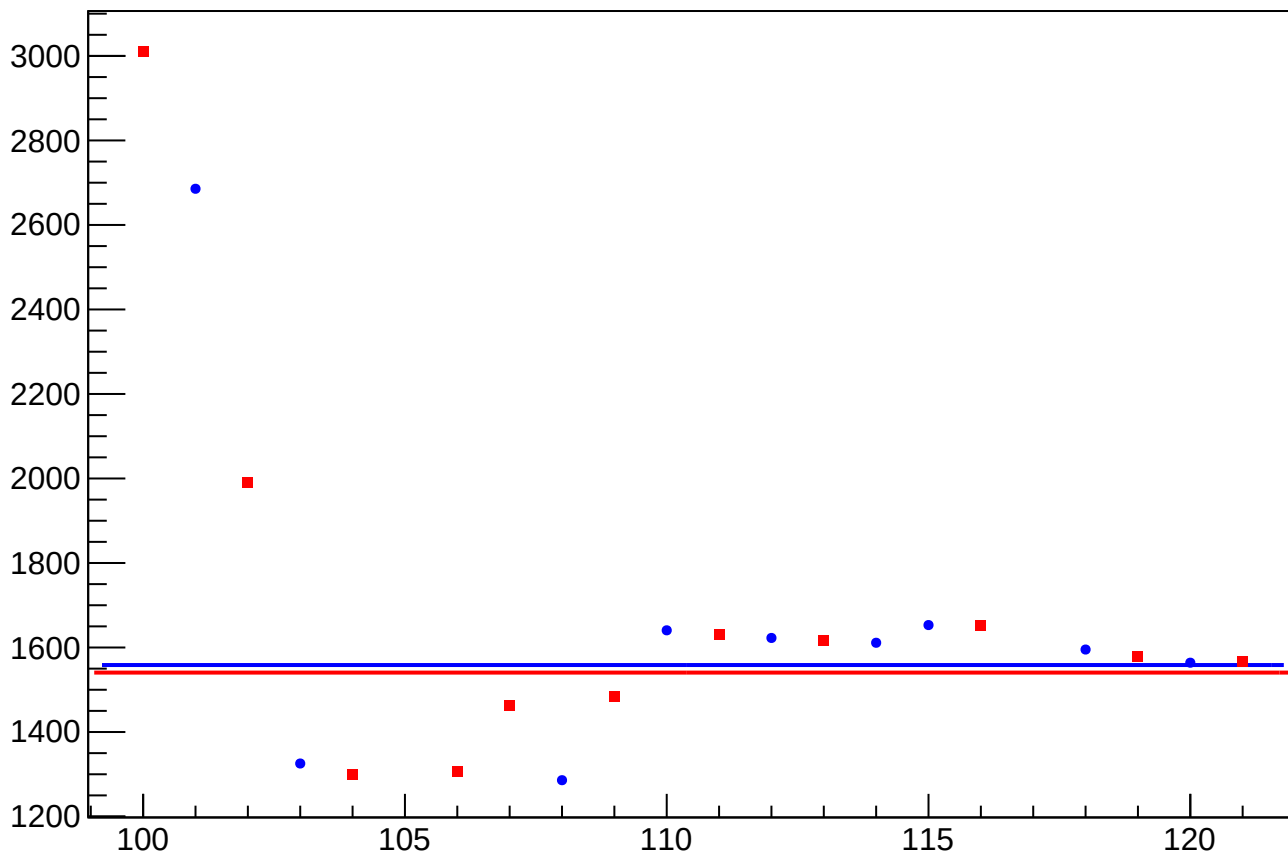
Right: 403.566+/-556.313 χ^2/NDF : 27.0/19

In: 1254.333+/-833.078 χ^2/NDF :8.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 403.566+/-556.313 χ^2/NDF : 27.0/19

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.631+/-0.528 χ^2/NDF : 148136.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

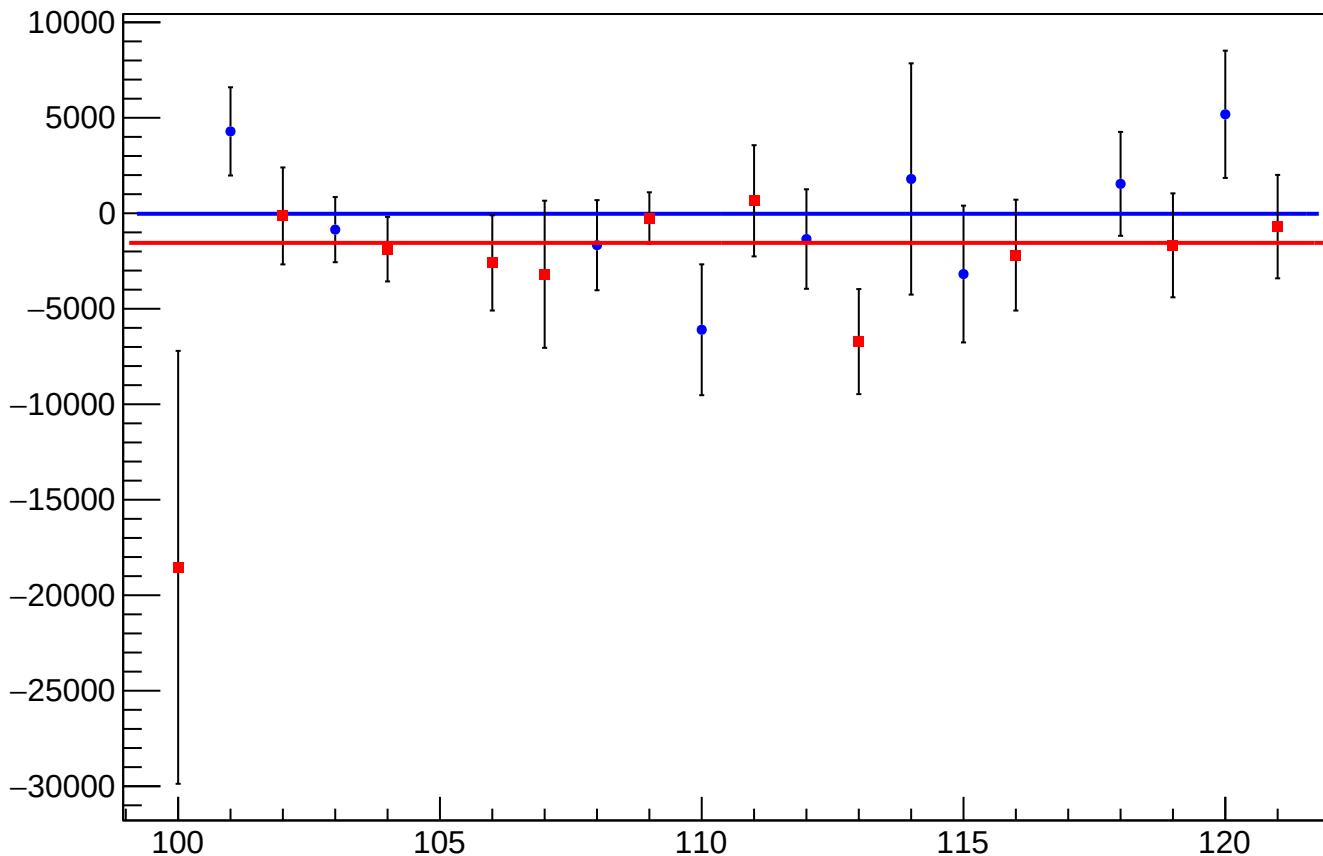
Right: 1548.610+/-0.393 χ^2/NDF : 455635.5/19

In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.610+/-0.393 χ^2/NDF : 455635.5/19

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1549.670+/-720.168 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

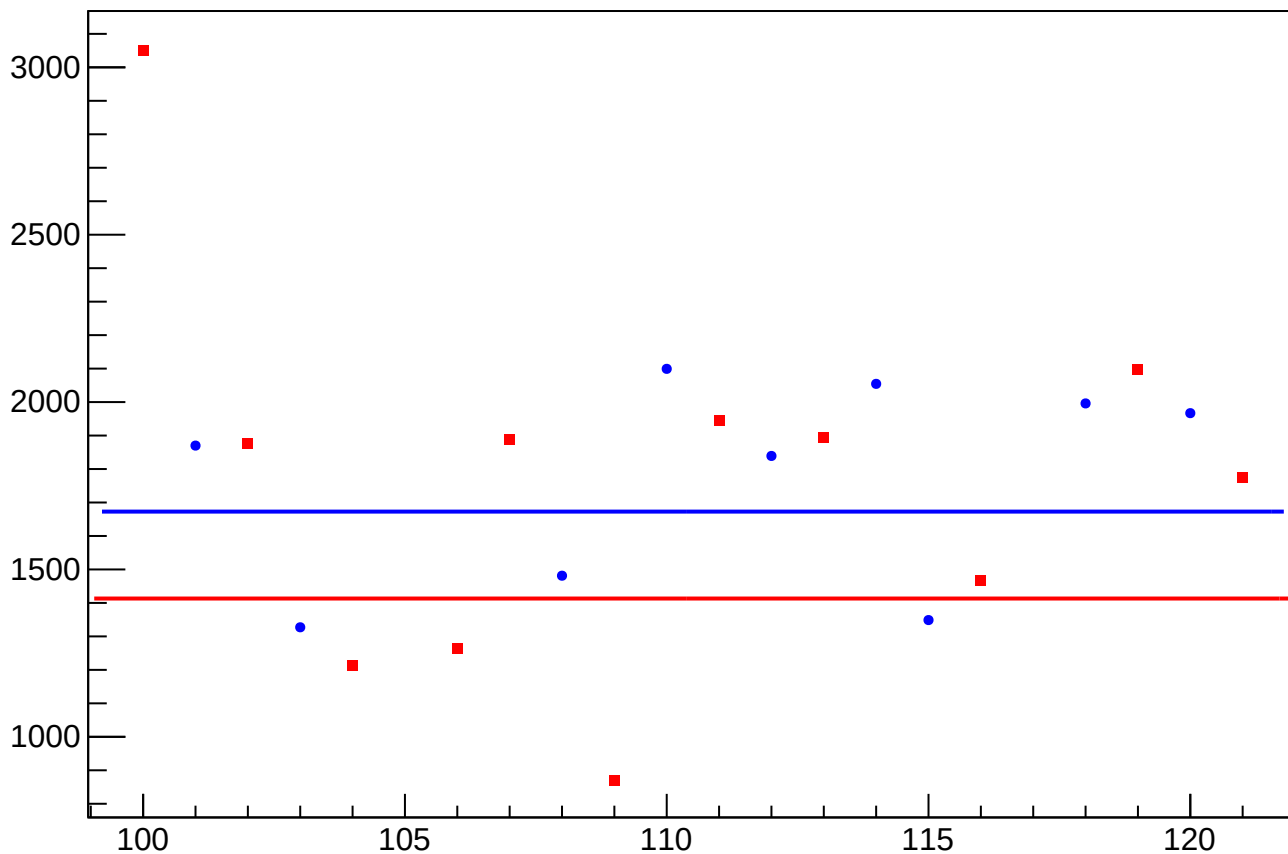
Right: -943.637+/-558.889 χ^2/NDF : 21.2/19

In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.637+/-558.889 χ^2/NDF : 21.2/19

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.128+/-0.509 χ^2/NDF : 787082.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

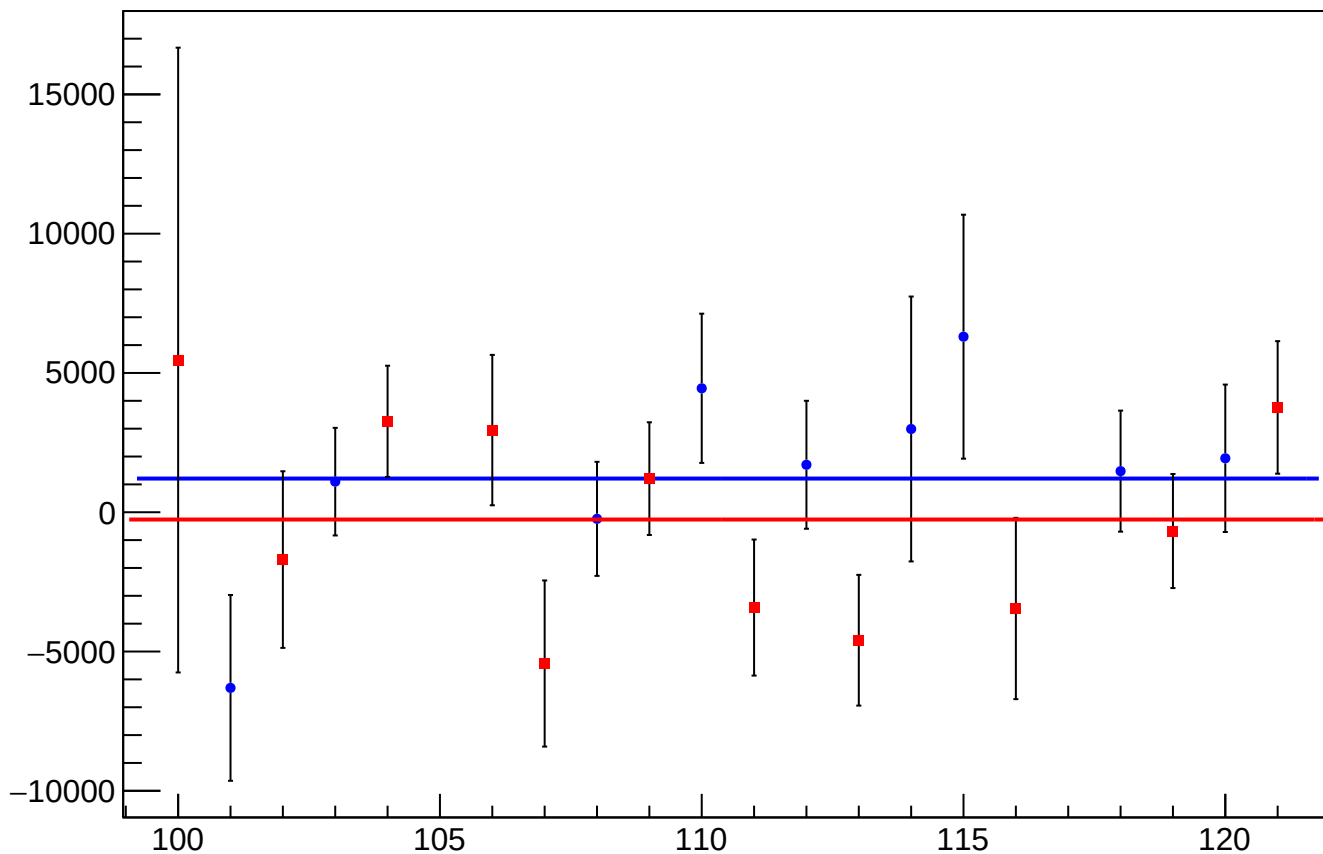
Right: 1516.420+/-0.395 χ^2/NDF : 1107573.5/19

In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.420+/-0.395 χ^2/NDF : 1107573.5/19

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1209.183+/-852.315 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -261.210+/-764.313 χ^2/NDF : 17.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

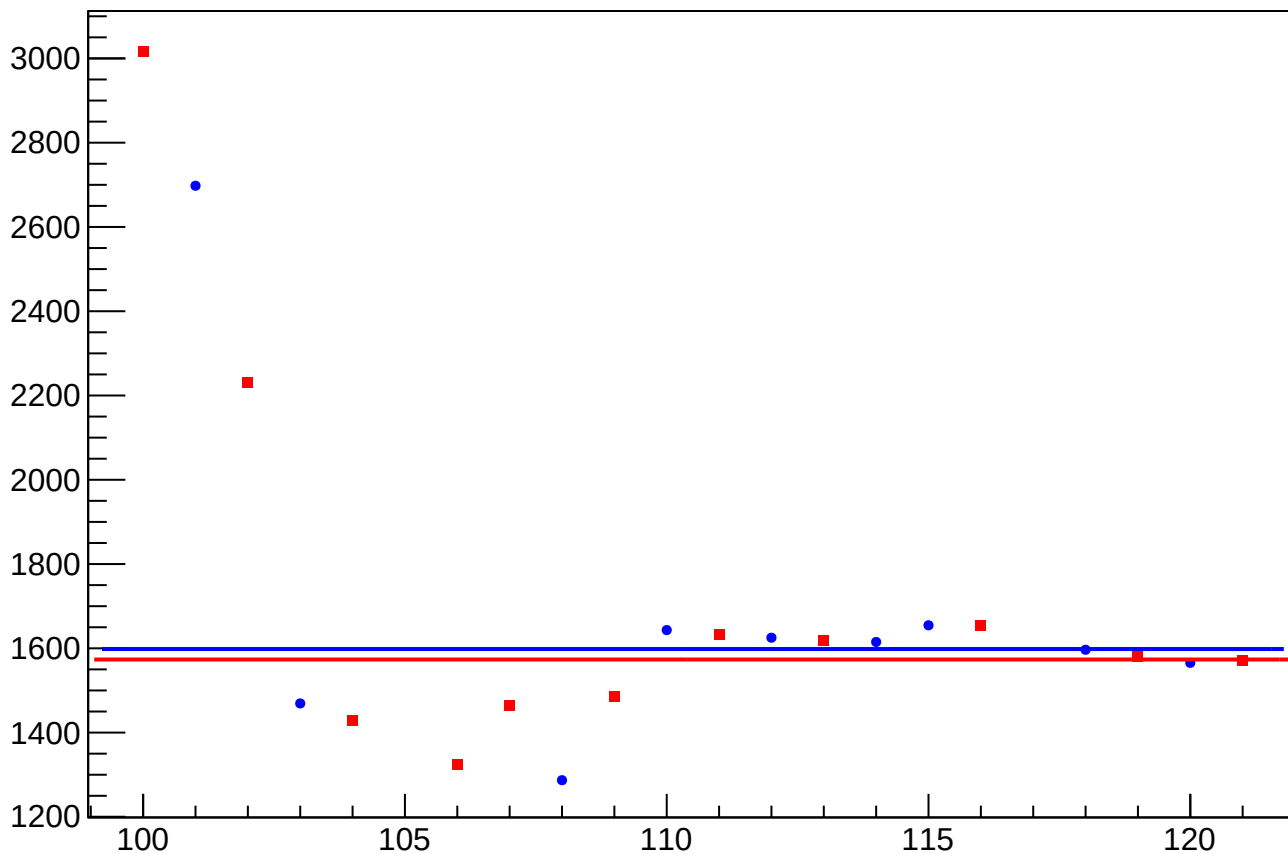
Right: 394.181+/-569.028 χ^2/NDF : 27.8/19

In: 1209.183+/-852.315 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 394.181+/-569.028 χ^2/NDF : 27.8/19

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.304+/-0.603 χ^2/NDF : 273976.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.439+/-0.540 χ^2/NDF : 155770.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

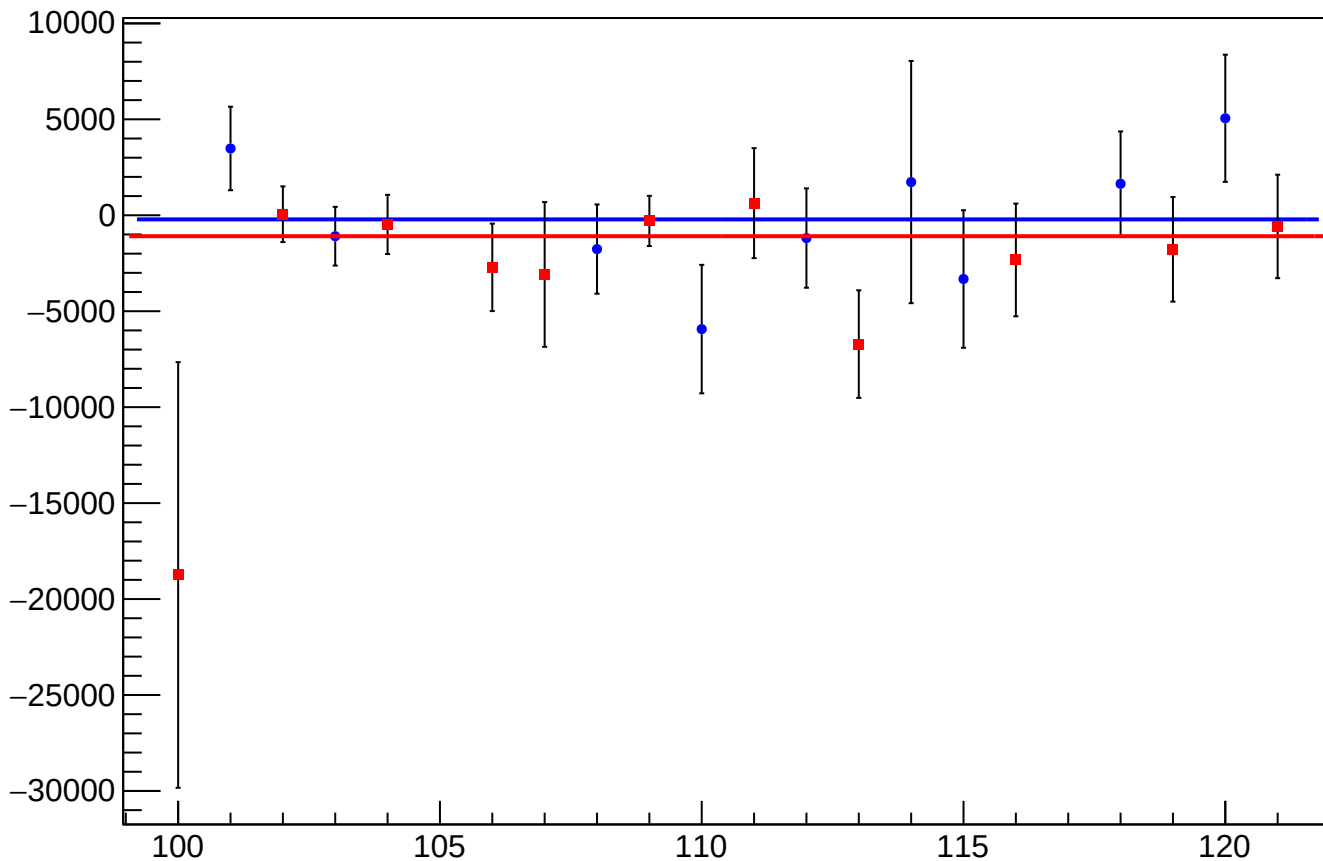
Right: 1584.522+/-0.402 χ^2/NDF : 430690.7/19

In: 1598.304+/-0.603 χ^2/NDF : 273976.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.522+/-0.402 χ^2/NDF : 430690.7/19

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.631 ± 848.115 χ^2/NDF : 10.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1091.606 ± 647.329 χ^2/NDF : 9.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

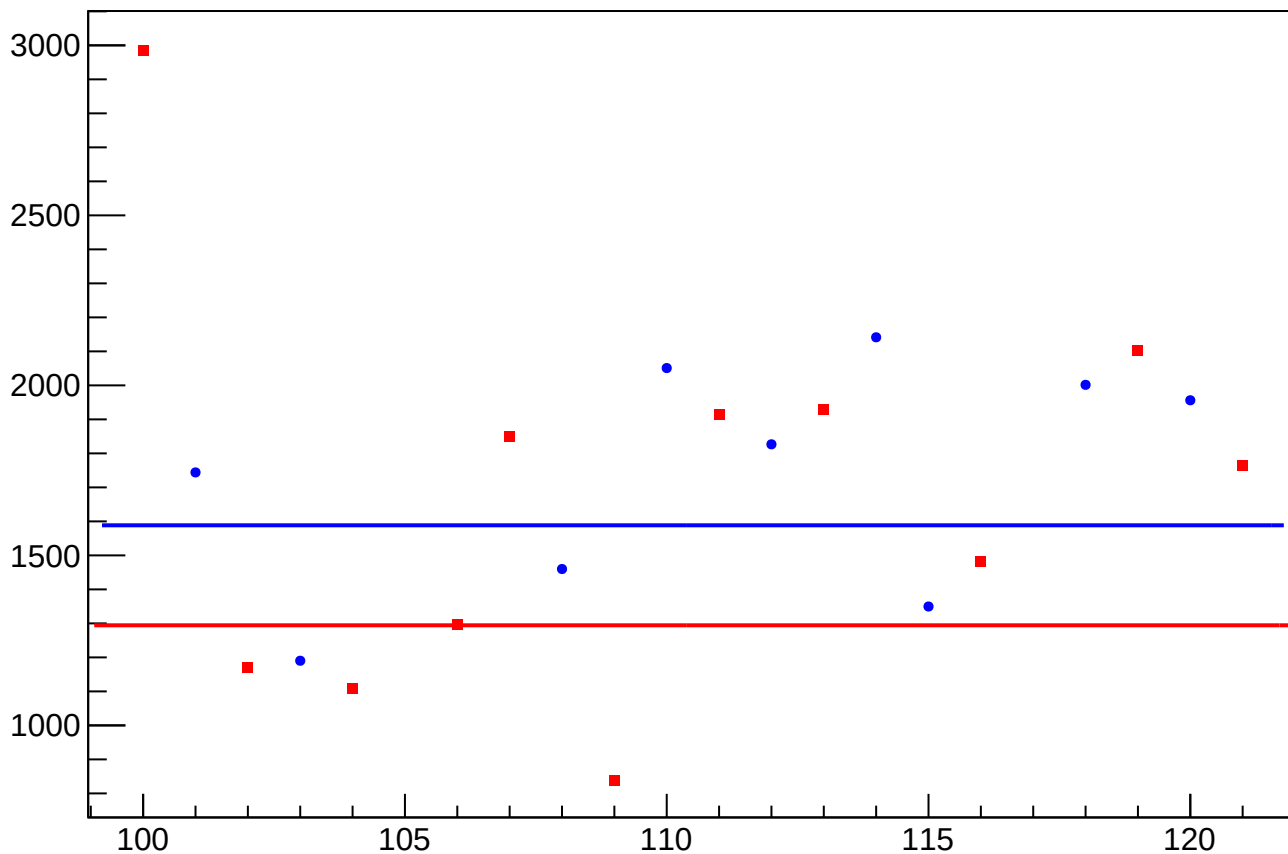
Right: -768.781 ± 514.570 χ^2/NDF : 20.4/19

In: -214.631 ± 848.115 χ^2/NDF : 10.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -768.781 ± 514.570 χ^2/NDF : 20.4/19

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1588.460+/-0.600 χ^2/NDF : 301730.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.410+/-0.458 χ^2/NDF : 817835.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

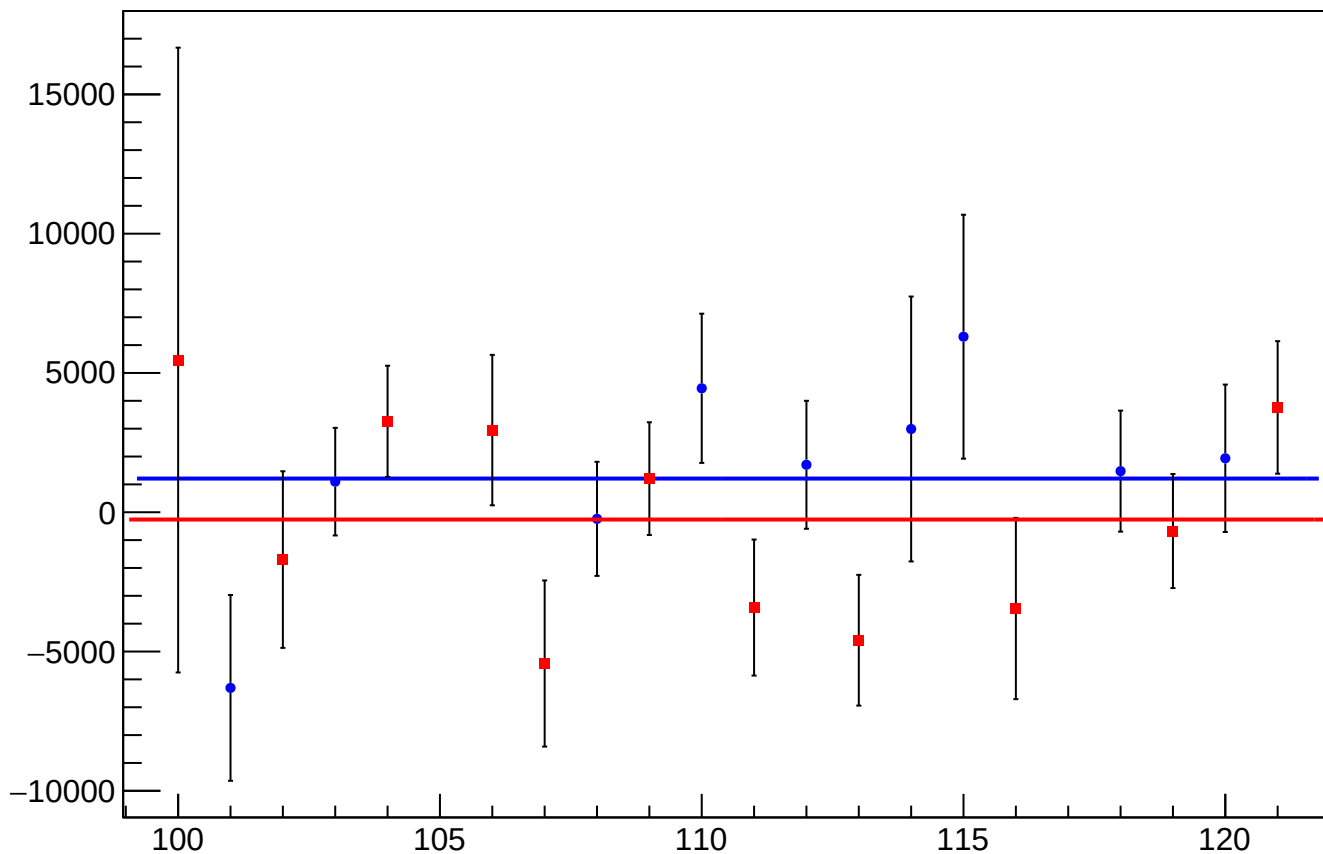
Right: 1402.654+/-0.364 χ^2/NDF : 1271481.8/19

In: 1588.460+/-0.600 χ^2/NDF : 301730.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.654+/-0.364 χ^2/NDF : 1271481.8/19

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1209.175+/-852.315 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.211+/-764.313 χ^2/NDF : 17.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

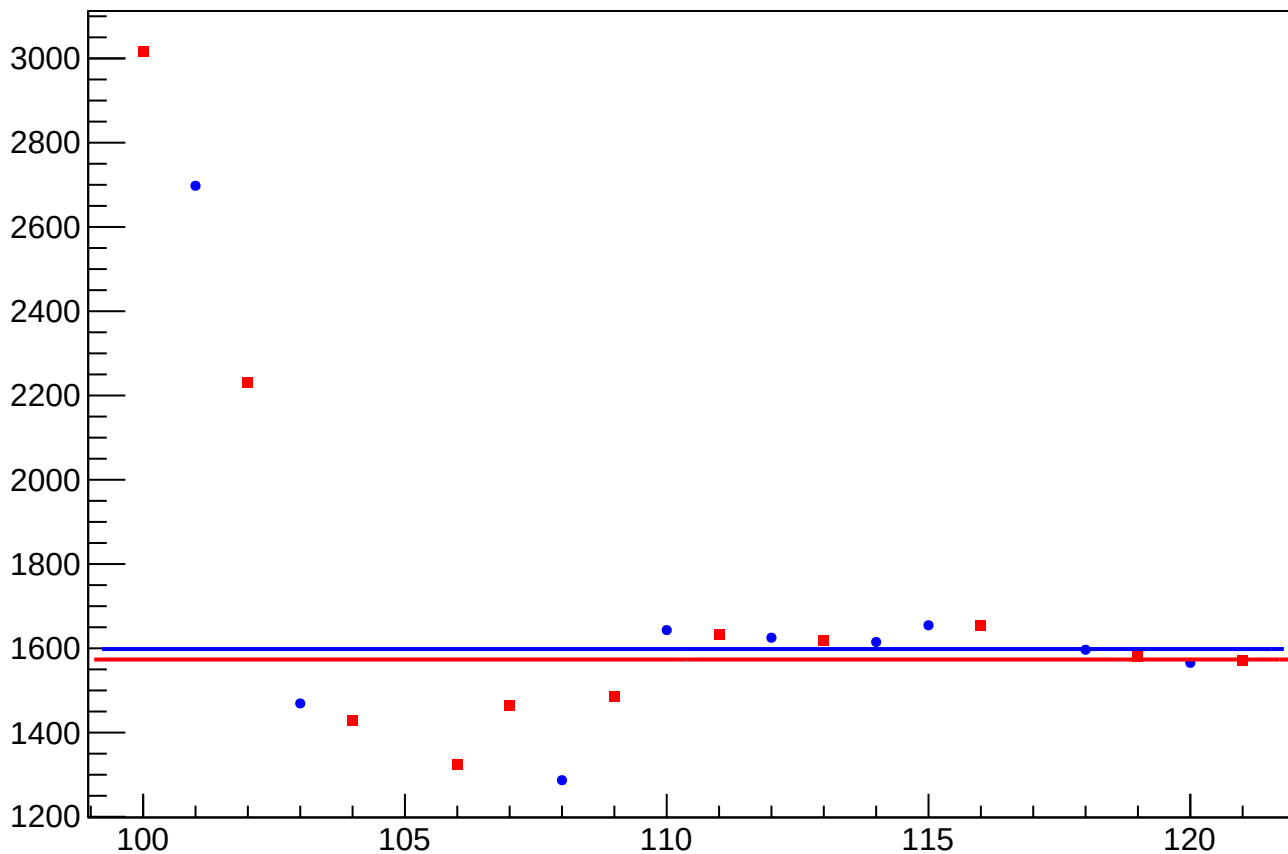
Right: 394.177+/-569.028 χ^2/NDF : 27.8/19

In: 1209.175+/-852.315 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.177+/-569.028 χ^2/NDF : 27.8/19

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.304+/-0.603 χ^2/NDF : 273976.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.439+/-0.540 χ^2/NDF : 155770.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

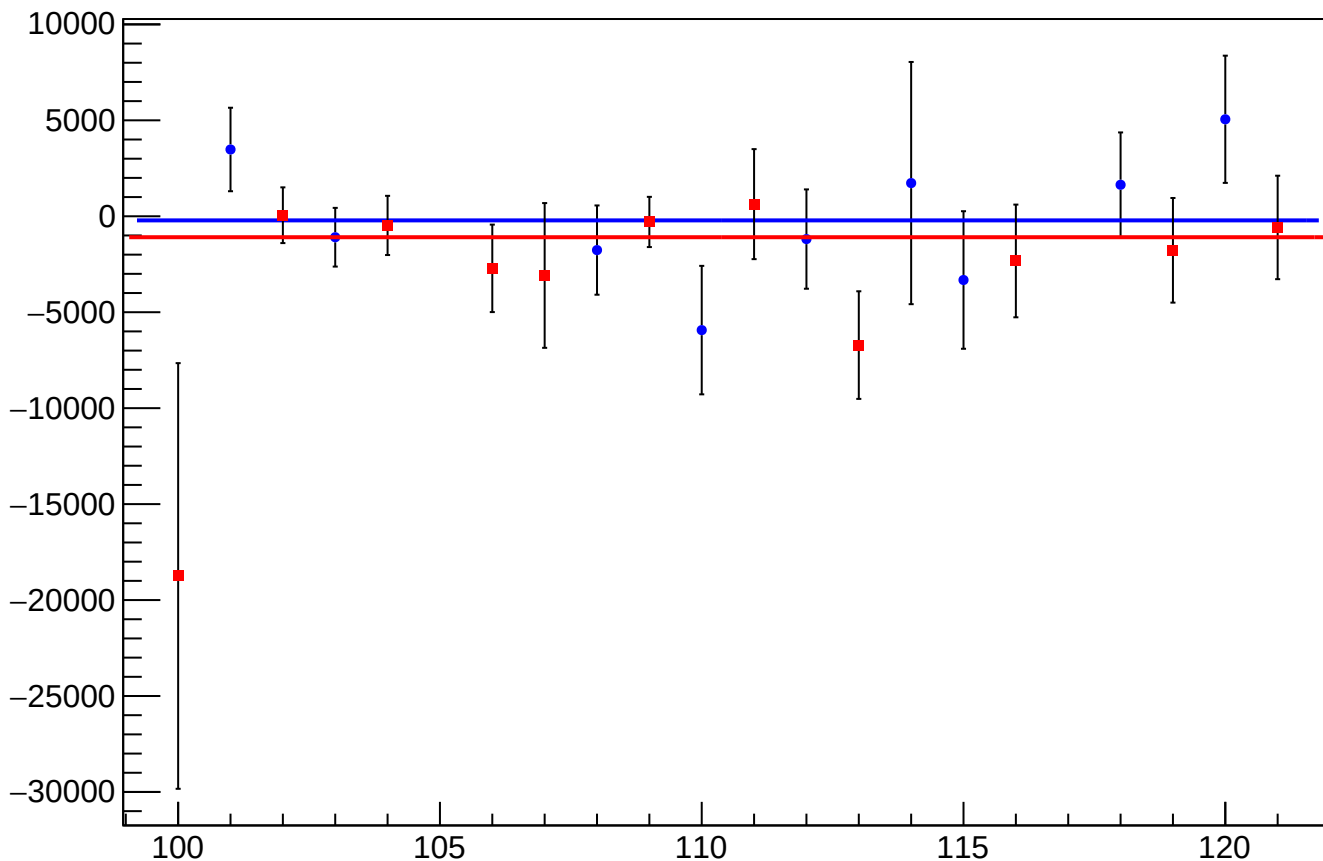
Right: 1584.522+/-0.402 χ^2/NDF : 430690.6/19

In: 1598.304+/-0.603 χ^2/NDF : 273976.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.522+/-0.402 χ^2/NDF : 430690.6/19

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.633+/-848.114 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1091.609+/-647.330 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

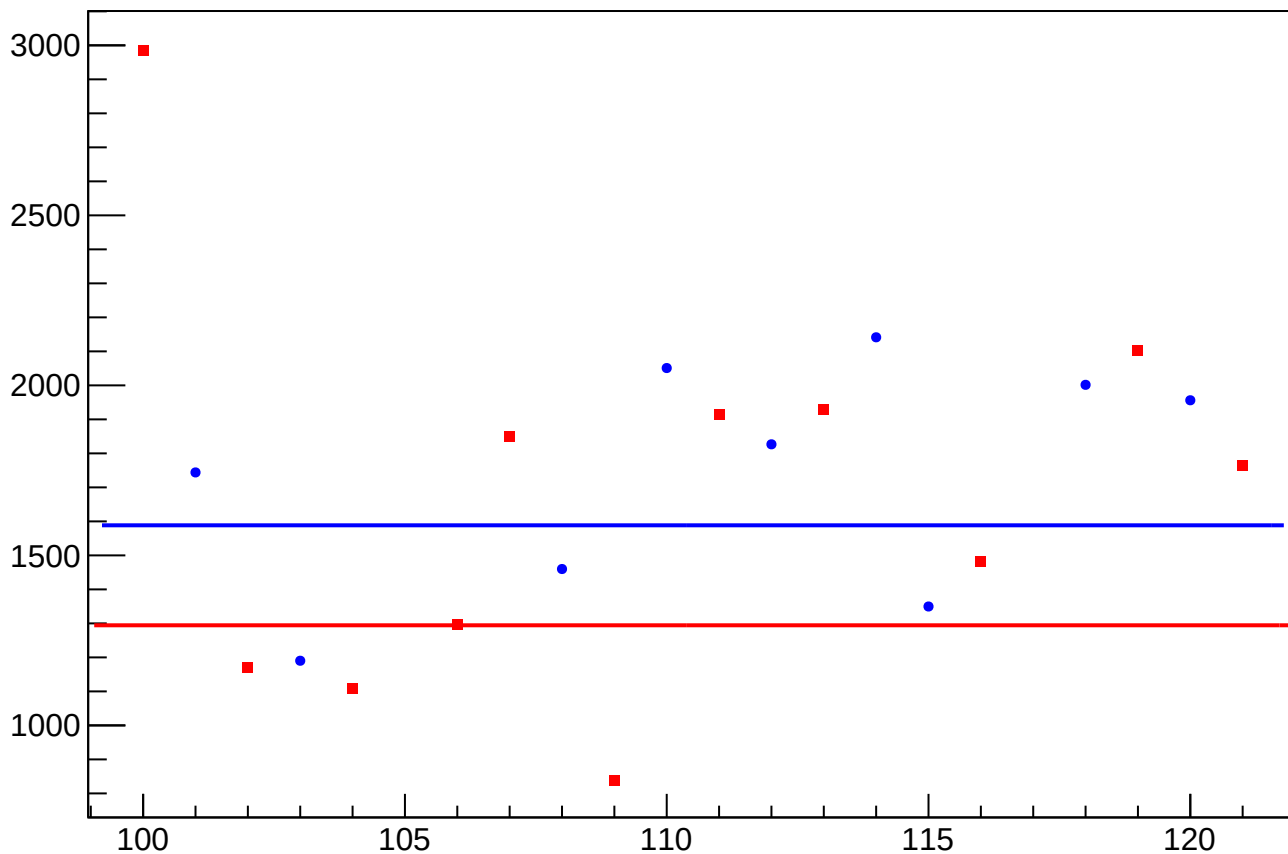
Right: -768.782+/-514.571 χ^2/NDF : 20.4/19

In: -214.633+/-848.114 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.782+/-514.571 χ^2/NDF : 20.4/19

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1588.459+/-0.600 χ^2/NDF : 301726.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.416+/-0.458 χ^2/NDF : 817814.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

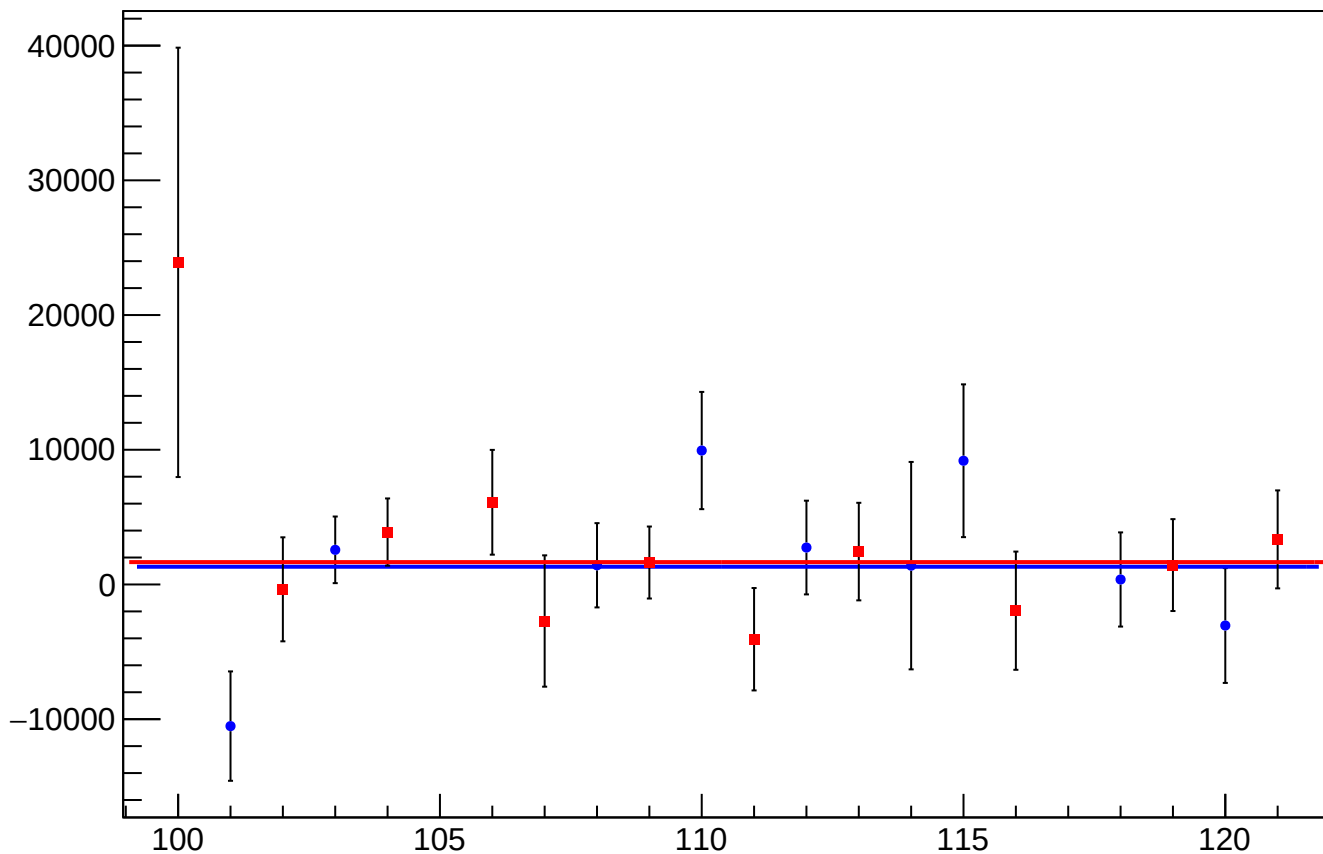
Right: 1402.657+/-0.364 χ^2/NDF : 1271449.3/19

In: 1588.459+/-0.600 χ^2/NDF : 301726.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.657+/-0.364 χ^2/NDF : 1271449.3/19

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1316.305+/-1243.473 χ^2/NDF : 15.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1660.137+/-1091.793 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

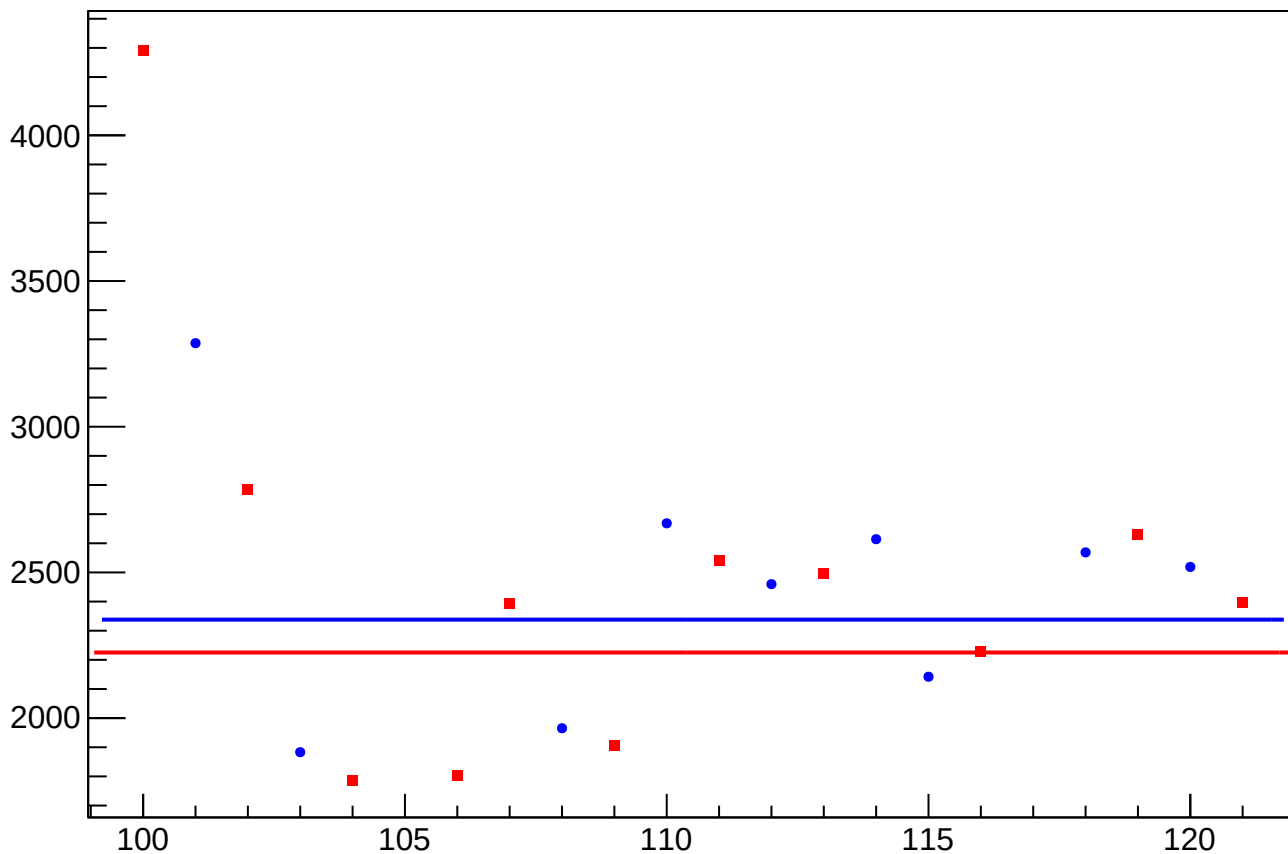
Right: 1510.459+/-820.429 χ^2/NDF : 24.3/19

In: 1316.305+/-1243.473 χ^2/NDF : 15.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1510.459+/-820.429 χ^2/NDF : 24.3/19

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2338.010+/-0.879 χ^2/NDF : 236547.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2225.200+/-0.772 χ^2/NDF : 249547.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

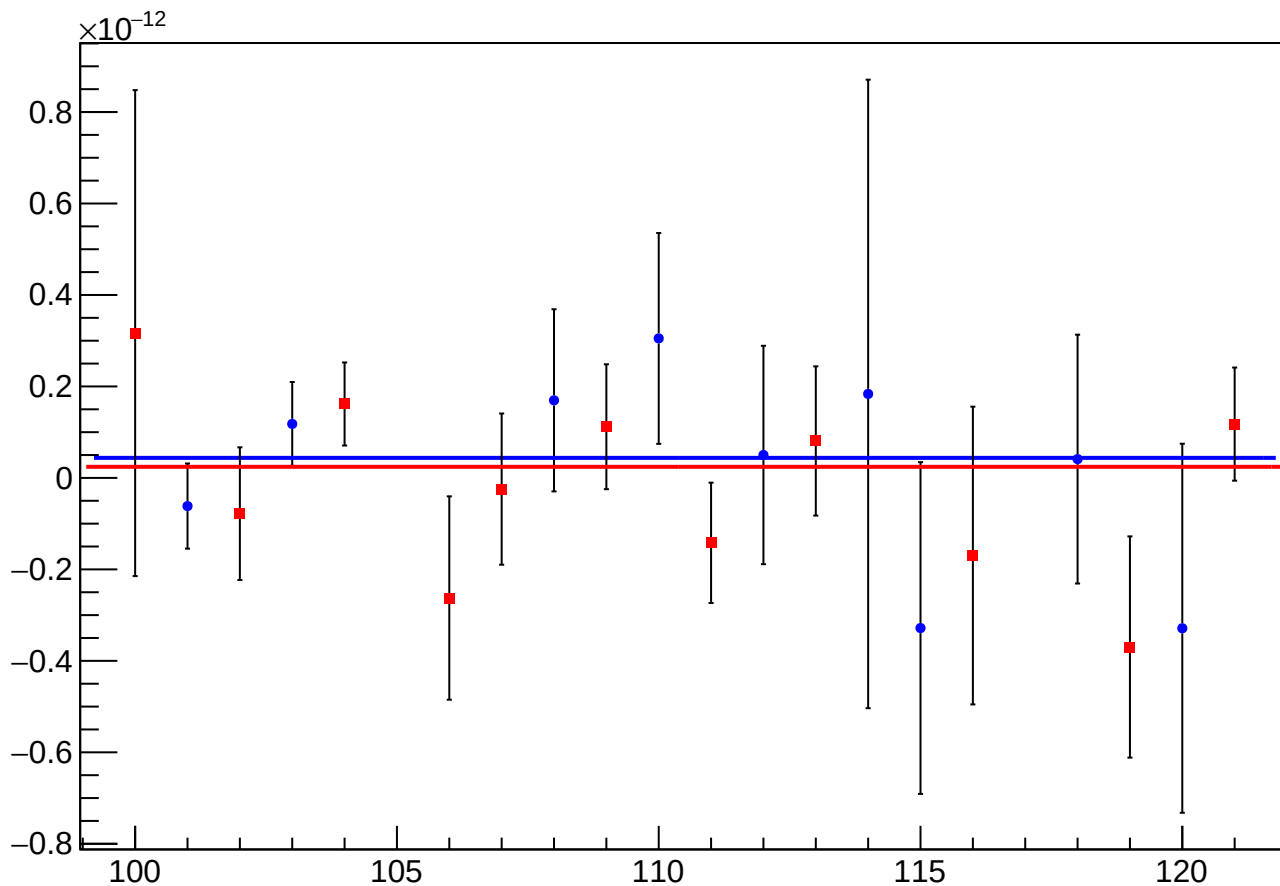
Right: 2274.308+/-0.580 χ^2/NDF : 495389.8/19

In: 2338.010+/-0.879 χ^2/NDF : 236547.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.308+/-0.580 χ^2/NDF : 495389.8/19

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

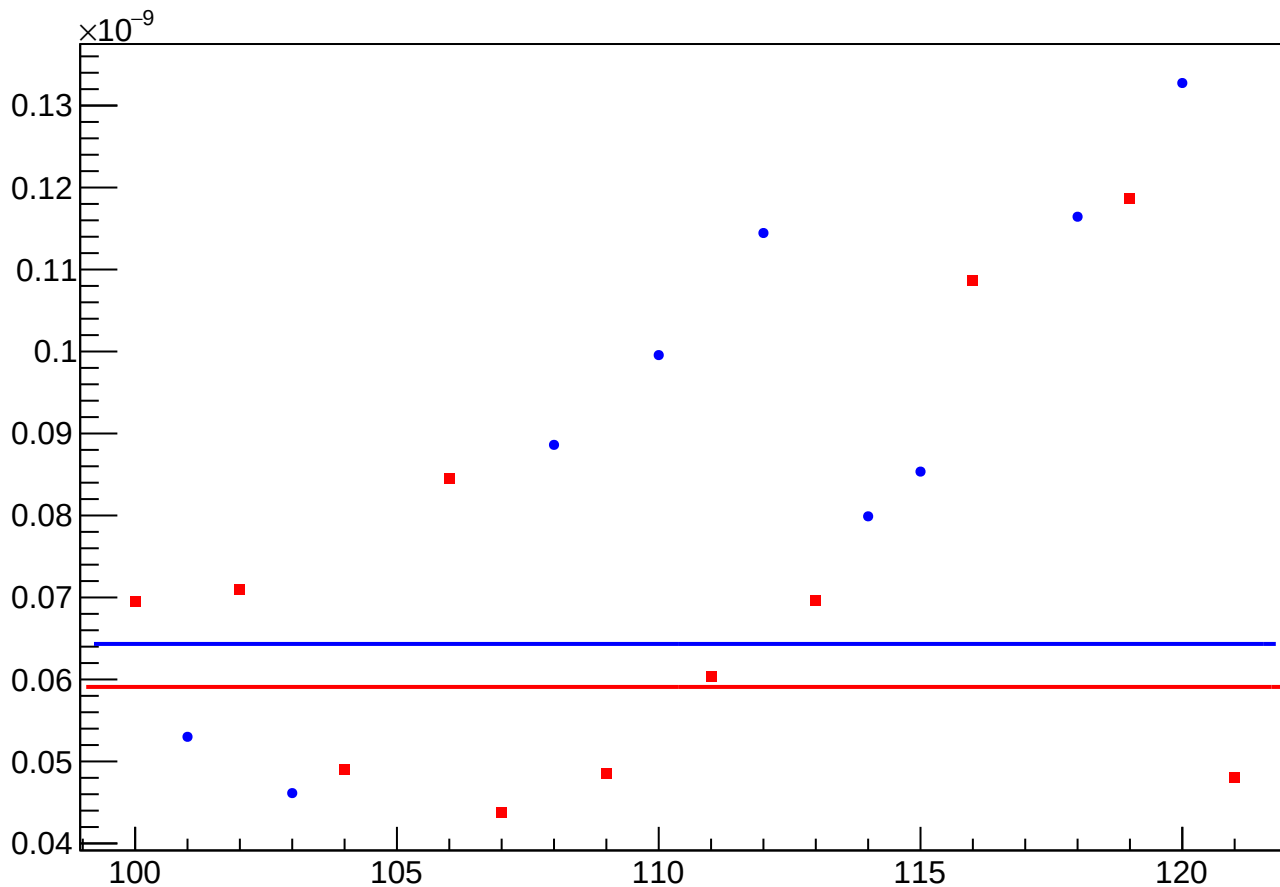
Right: 0.000+/-0.000 χ^2/NDF : 16.2/19

In: 0.000+/-0.000 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/19

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 411597.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 286785.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

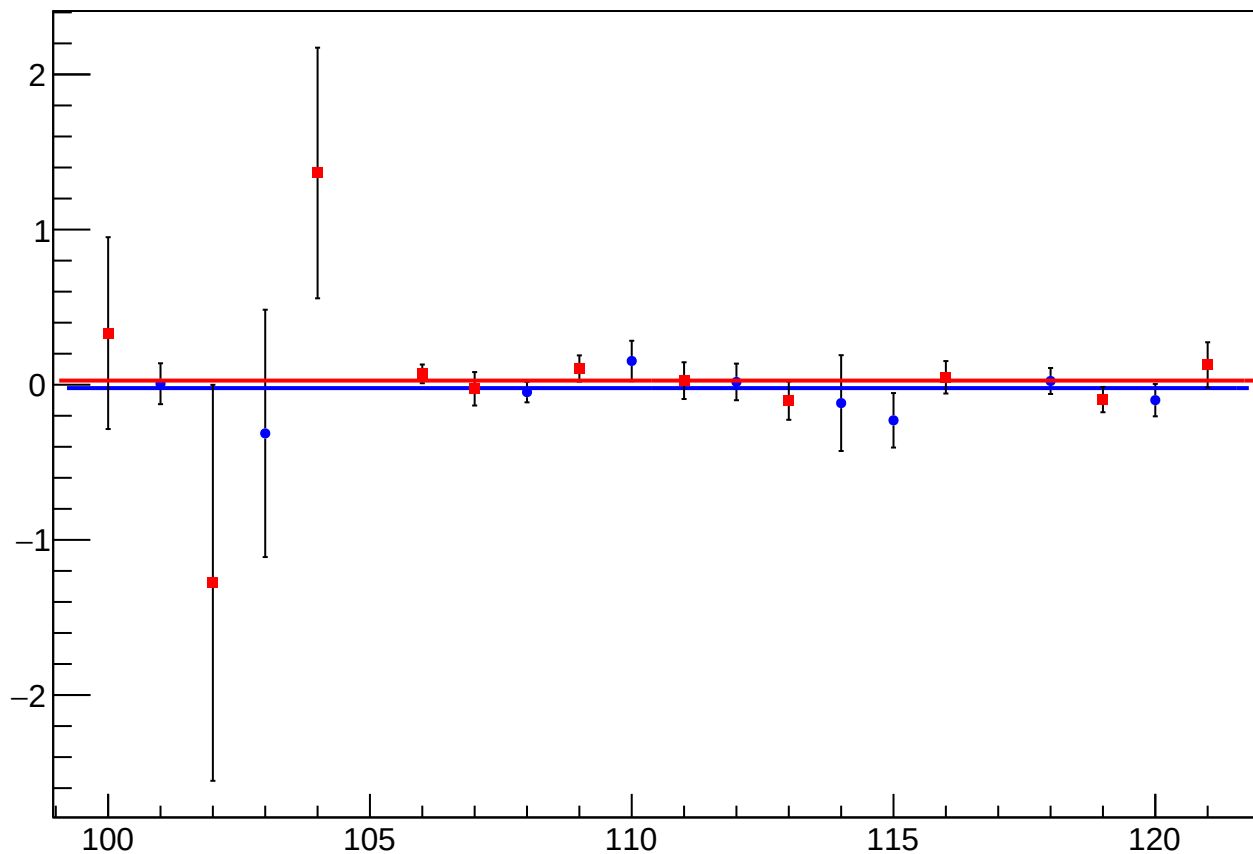
Right: 0.000+/-0.000 χ^2/NDF : 708961.3/19

In: 0.000+/-0.000 χ^2/NDF : 411597.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 708961.3/19

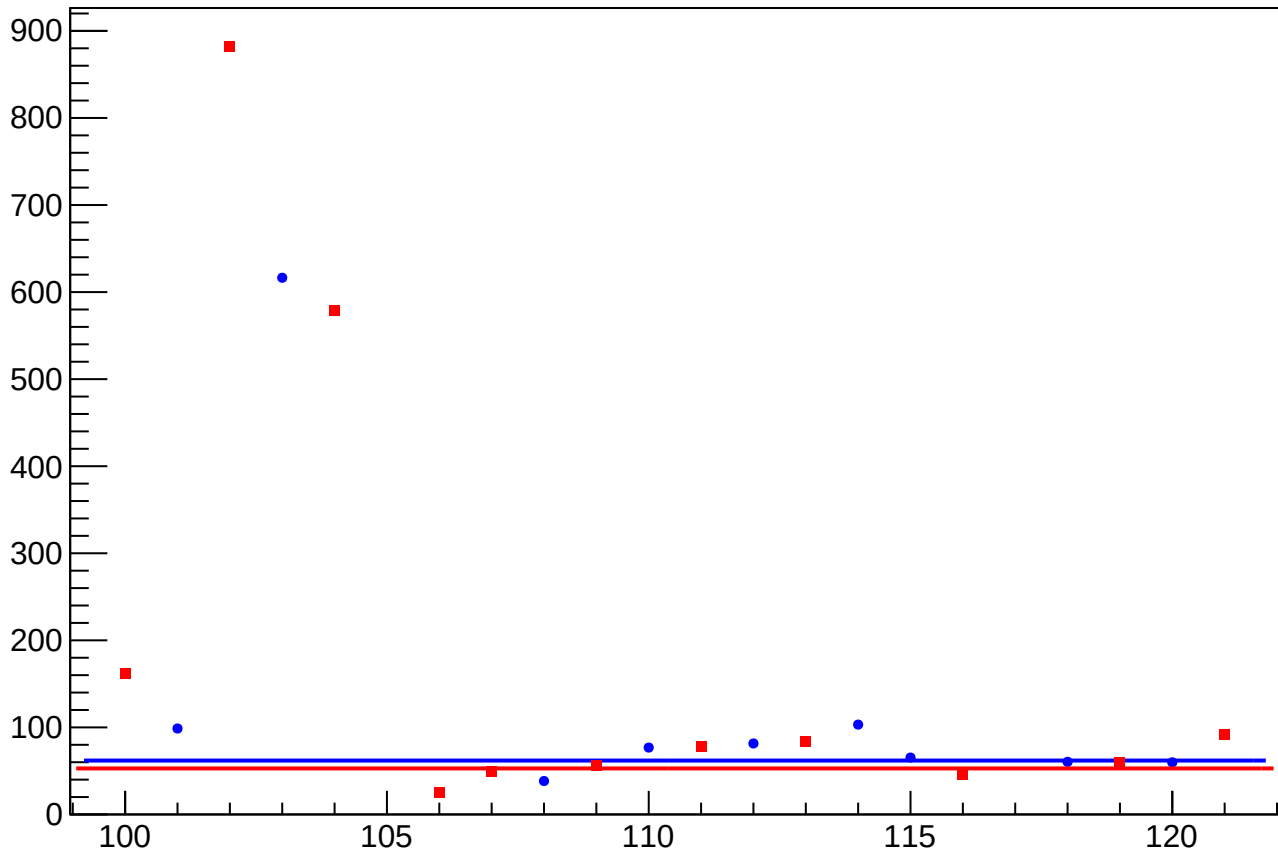
asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.038 χ^2/NDF : 4.6/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.027 $\pm$ 0.033 χ^2/NDF : 9.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.006 $\pm$ 0.025 χ^2/NDF : 15.1/19
 In: -0.022 $\pm$ 0.038 χ^2/NDF : 4.6/8
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.006 $\pm$ 0.025 χ^2/NDF : 15.1/19

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.870+/-0.023 χ^2/NDF : 2564989.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

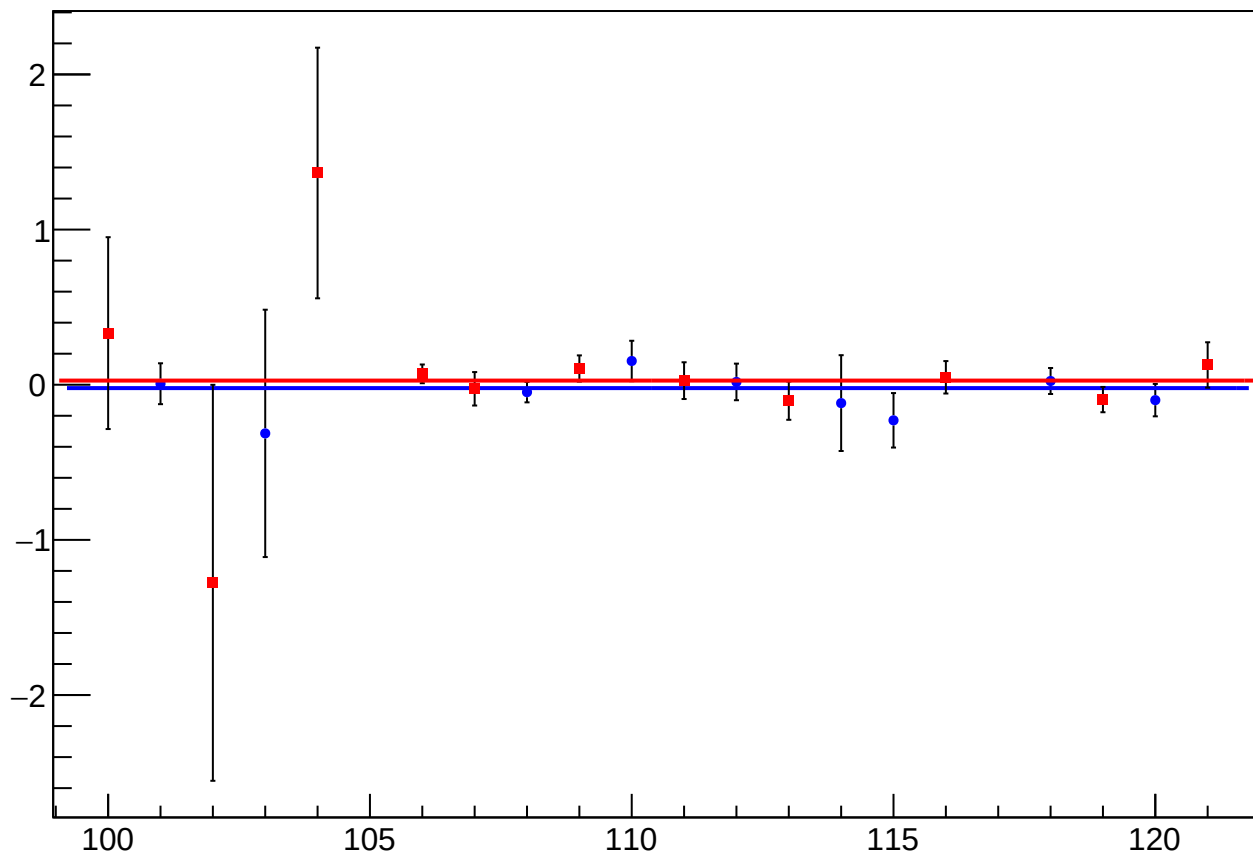
Right: 56.743+/-0.018 χ^2/NDF : 4129030.5/19

In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.743+/-0.018 χ^2/NDF : 4129030.5/19

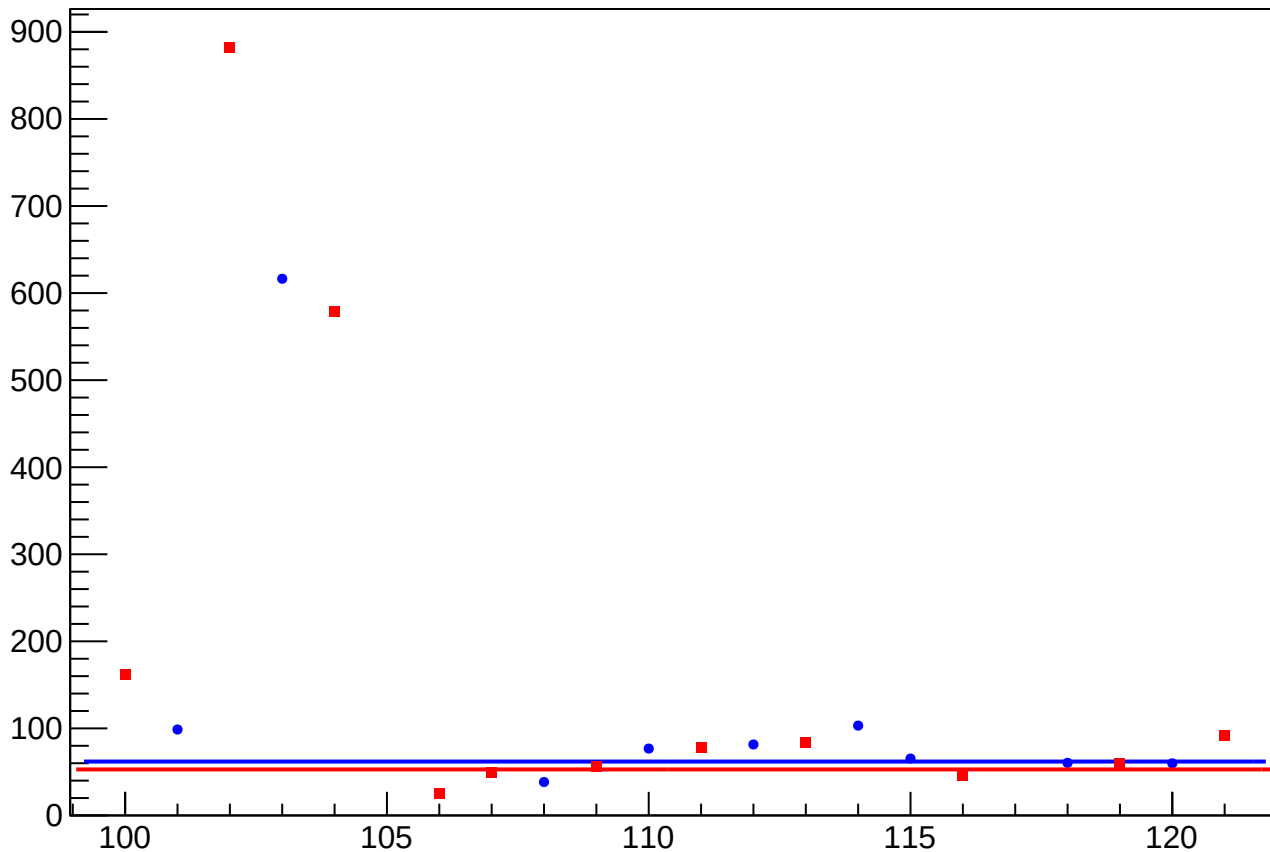
asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.038 χ^2/NDF : 4.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.027+/-0.033 χ^2/NDF : 9.5/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.025 χ^2/NDF : 15.1/19
 In: -0.022+/-0.038 χ^2/NDF :4.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.006+/-0.025 χ^2/NDF : 15.1/19

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.870+/-0.023 χ^2/NDF : 2564989.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

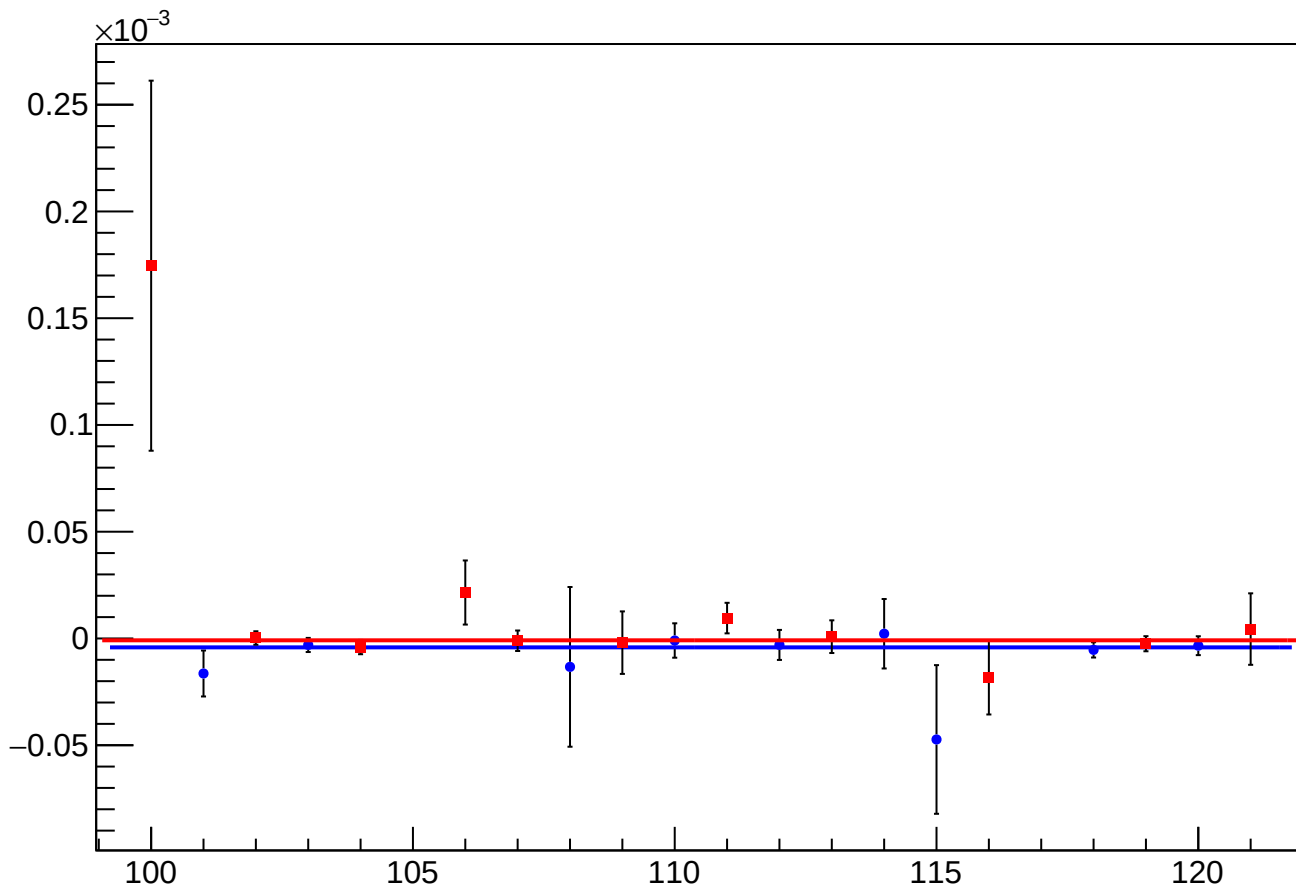
Right: 56.743+/-0.018 χ^2/NDF : 4129030.5/19

In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.743+/-0.018 χ^2/NDF : 4129030.5/19

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

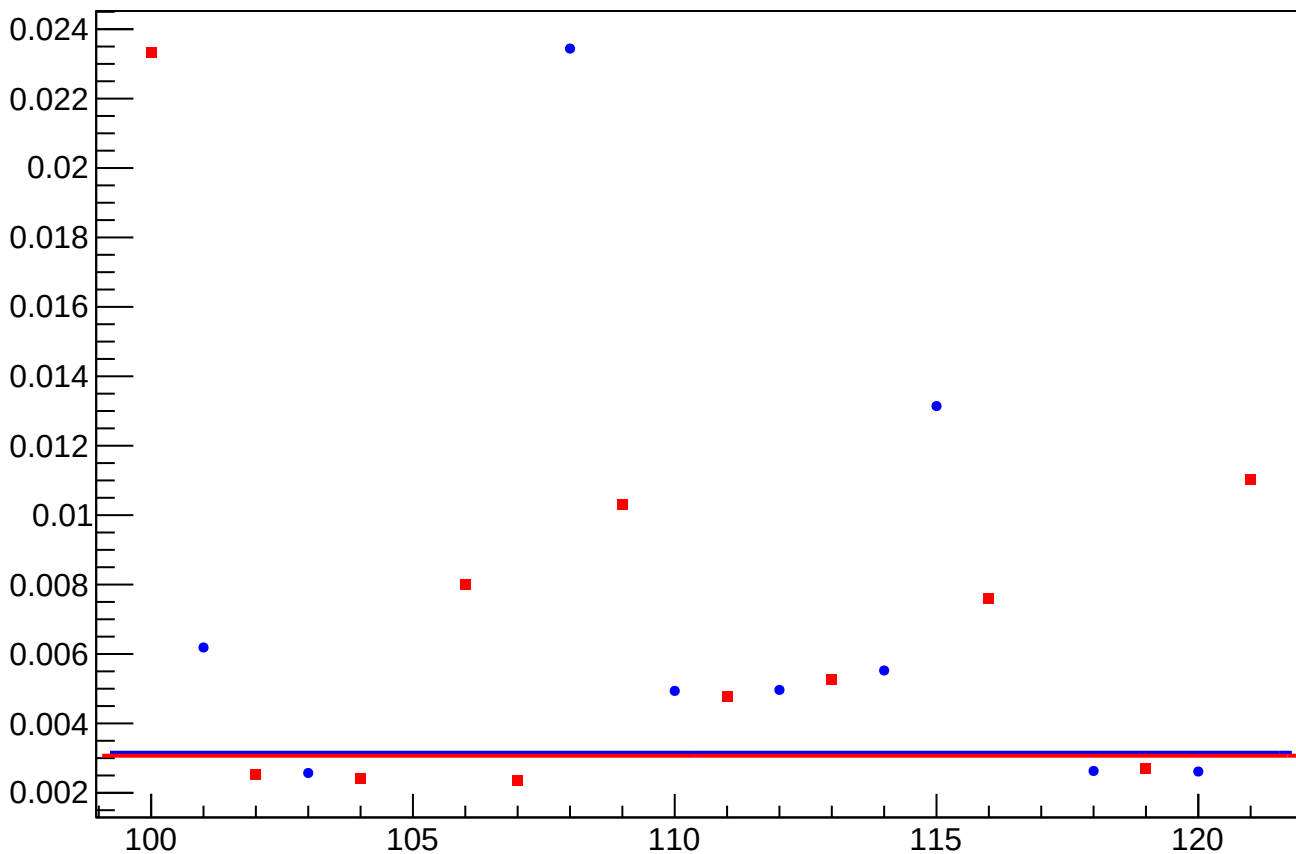
Right: -0.000+/-0.000 χ^2/NDF : 16.0/19

In: -0.000+/-0.000 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.0/19

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1319486.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1884804.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

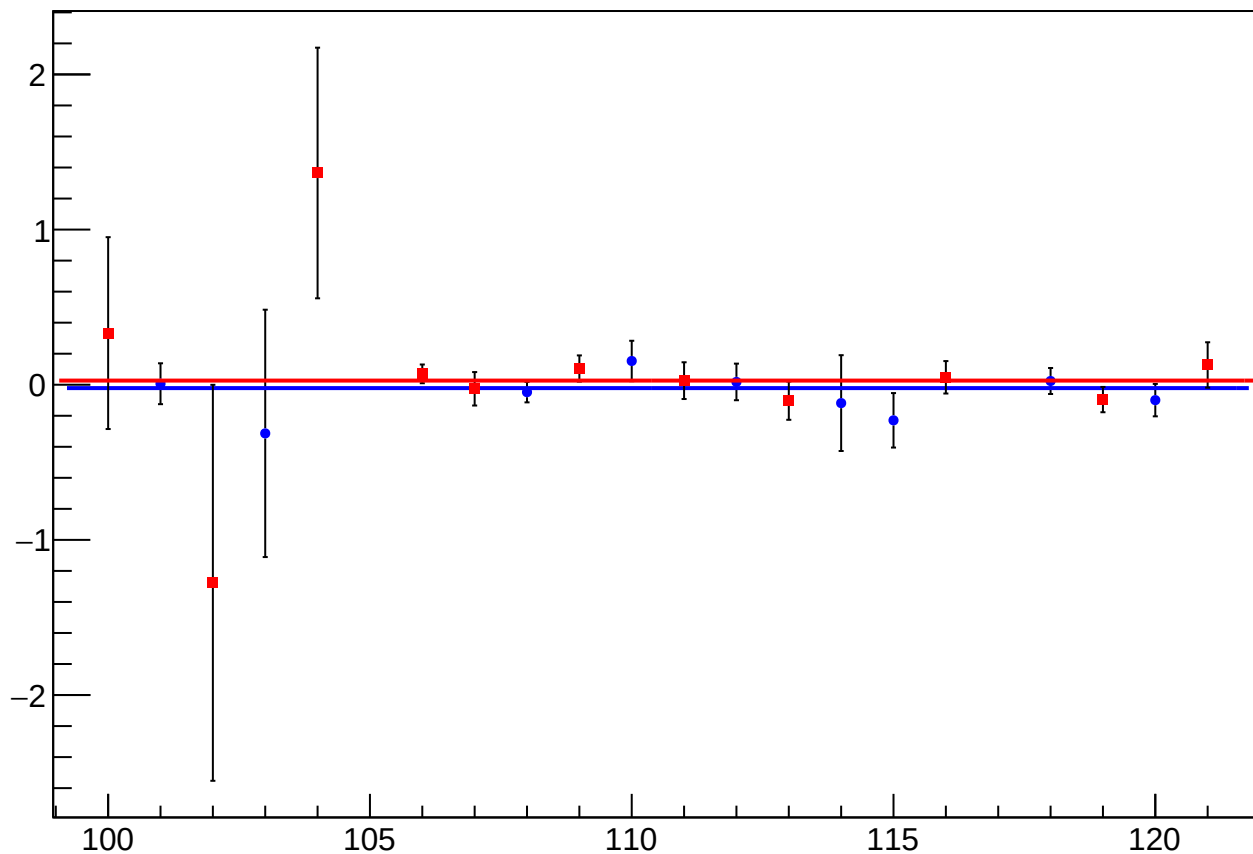
Right: 0.003+/-0.000 χ^2/NDF : 3206543.2/19

In: 0.003+/-0.000 χ^2/NDF : 1319486.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3206543.2/19

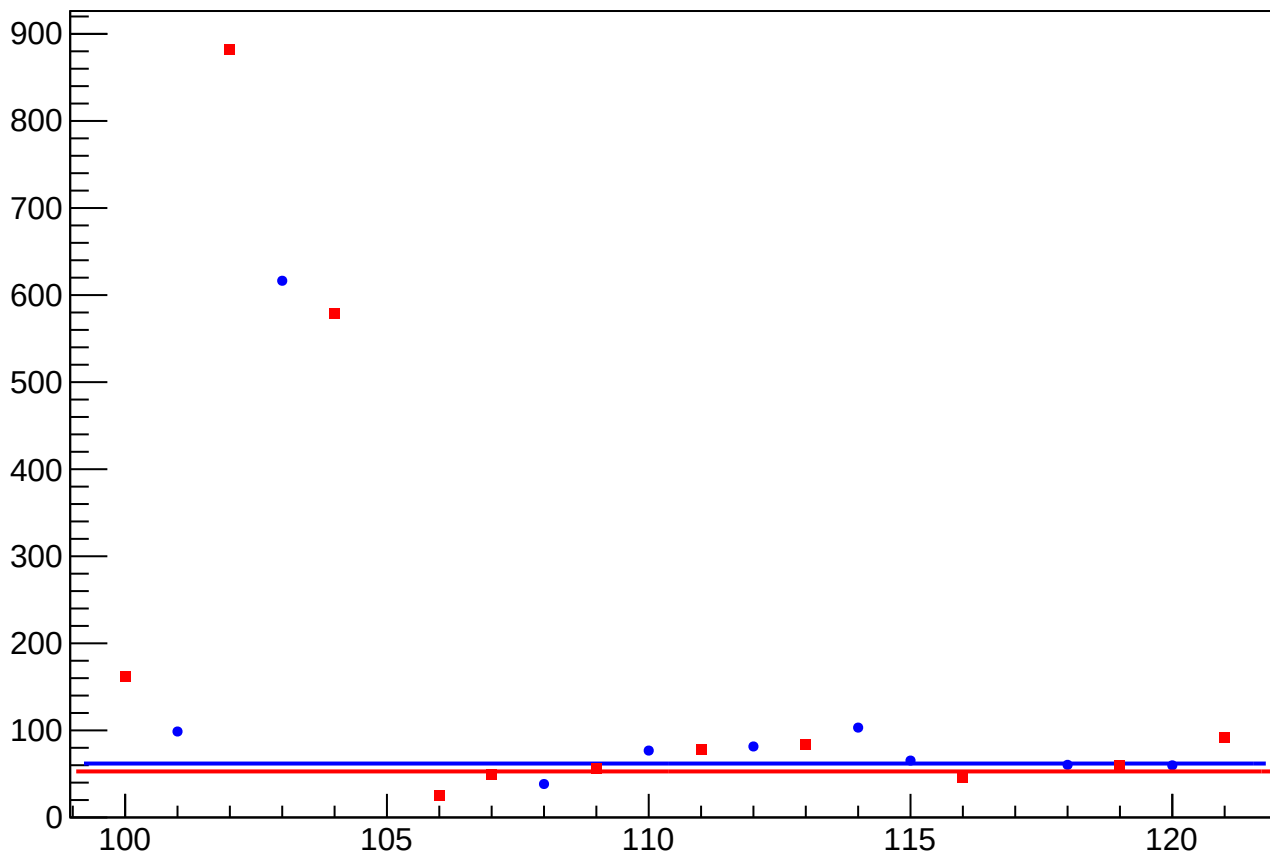
asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.038 χ^2/NDF : 4.6/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.027 $\pm$ 0.033 χ^2/NDF : 9.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.006 $\pm$ 0.025 χ^2/NDF : 15.0/19
 In: -0.022 $\pm$ 0.038 χ^2/NDF : 4.6/8
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.006 $\pm$ 0.025 χ^2/NDF : 15.0/19

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.863+/-0.023 χ^2/NDF : 2565447.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

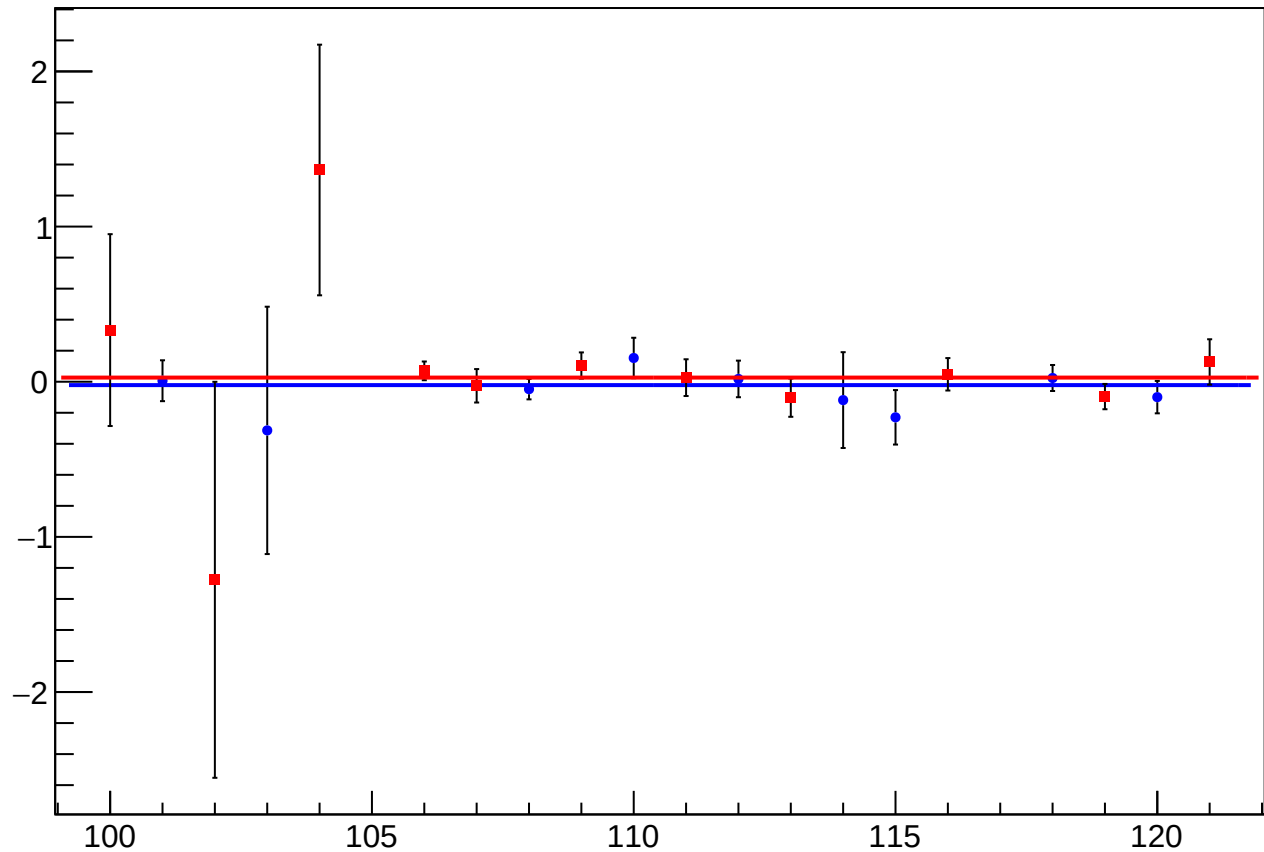
Right: 56.744+/-0.018 χ^2/NDF : 4129175.6/19

In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.744+/-0.018 χ^2/NDF : 4129175.6/19

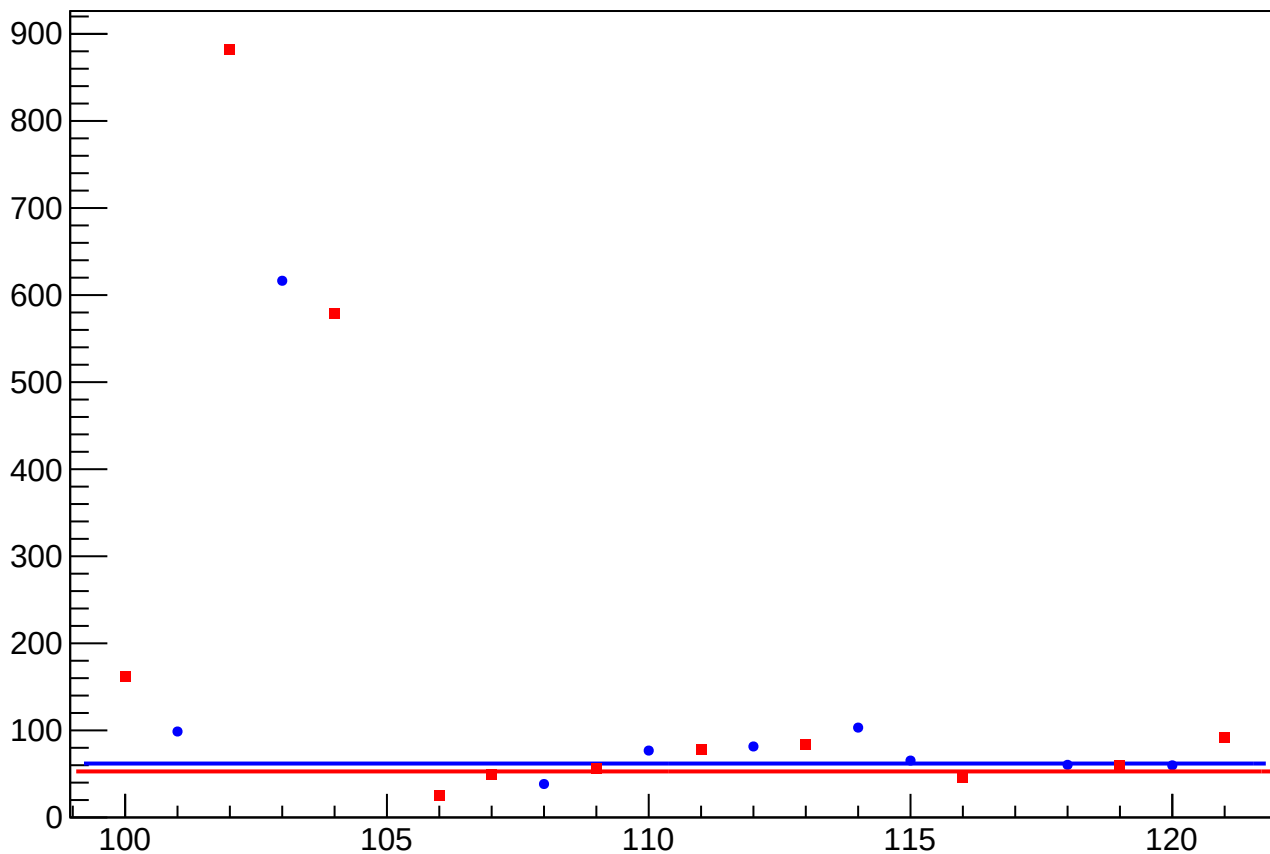
asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.038 χ^2 /NDF: 4.6/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.027 $\pm$ 0.033 χ^2 /NDF: 9.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.006 $\pm$ 0.025 χ^2 /NDF: 15.0/19
 In: -0.022 $\pm$ 0.038 χ^2 /NDF:4.6/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.006 $\pm$ 0.025 χ^2 /NDF: 15.0/19

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.863+/-0.023 χ^2/NDF : 2565447.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

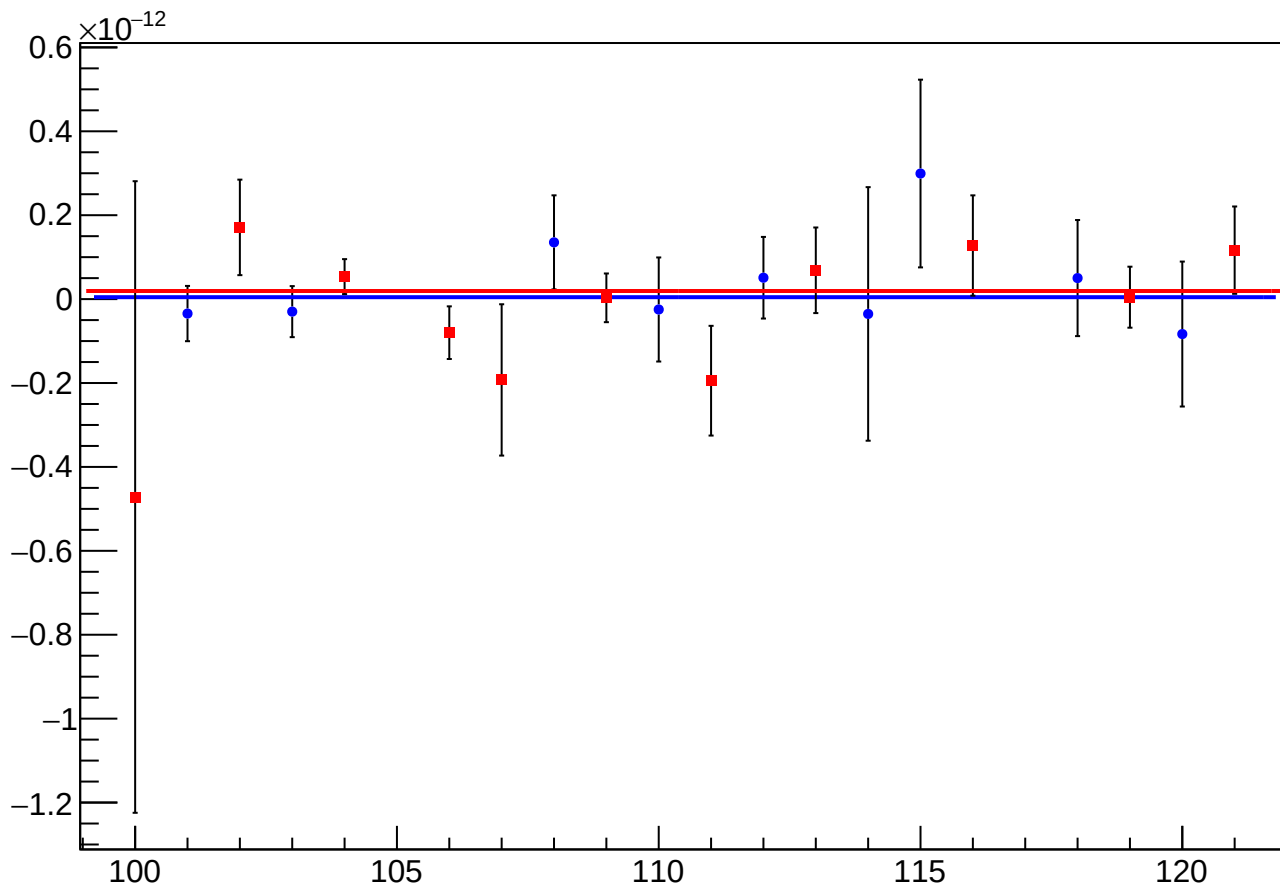
Right: 56.744+/-0.018 χ^2/NDF : 4129175.6/19

In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.744+/-0.018 χ^2/NDF : 4129175.6/19

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

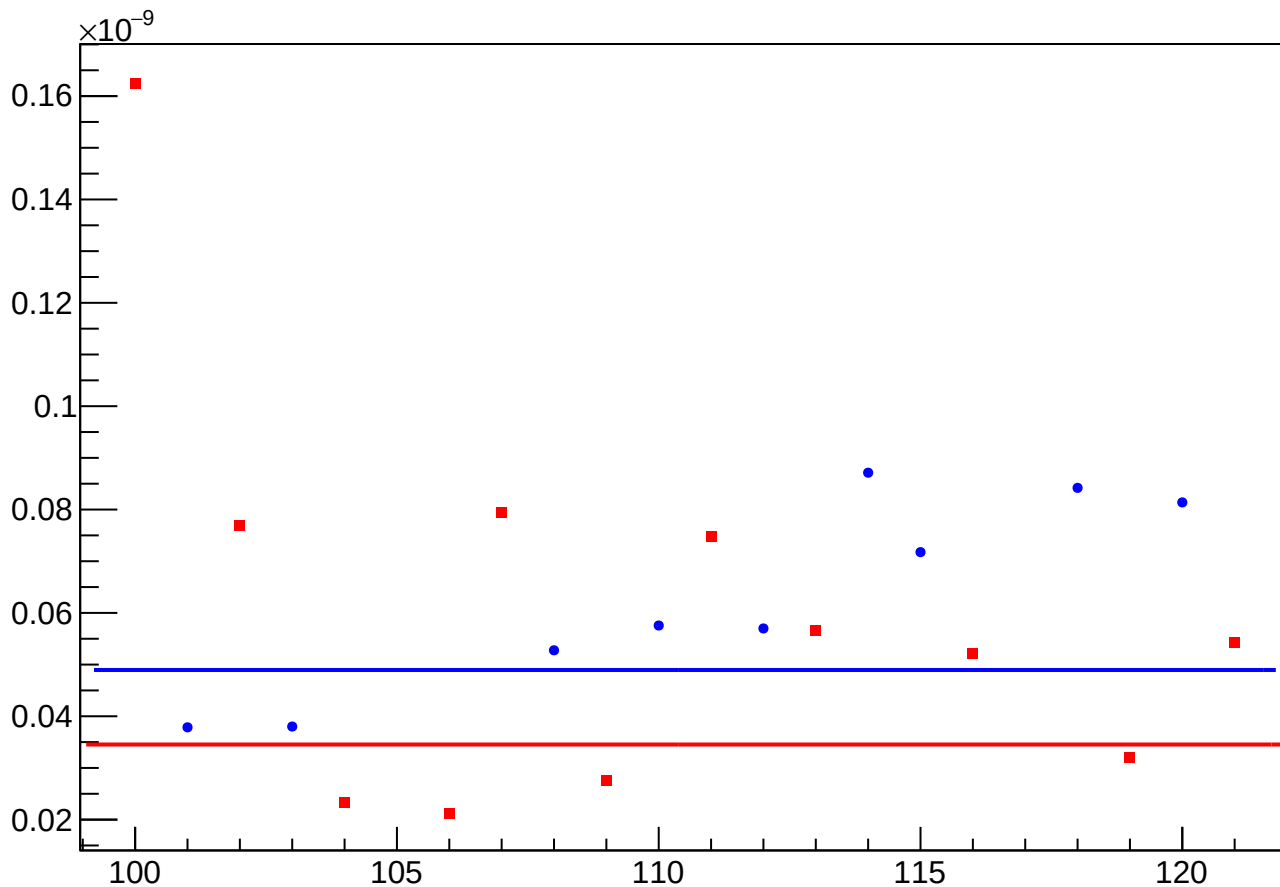
Right: 0.000+/-0.000 χ^2/NDF : 16.0/19

In: 0.000+/-0.000 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/19

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 399911.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1126098.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

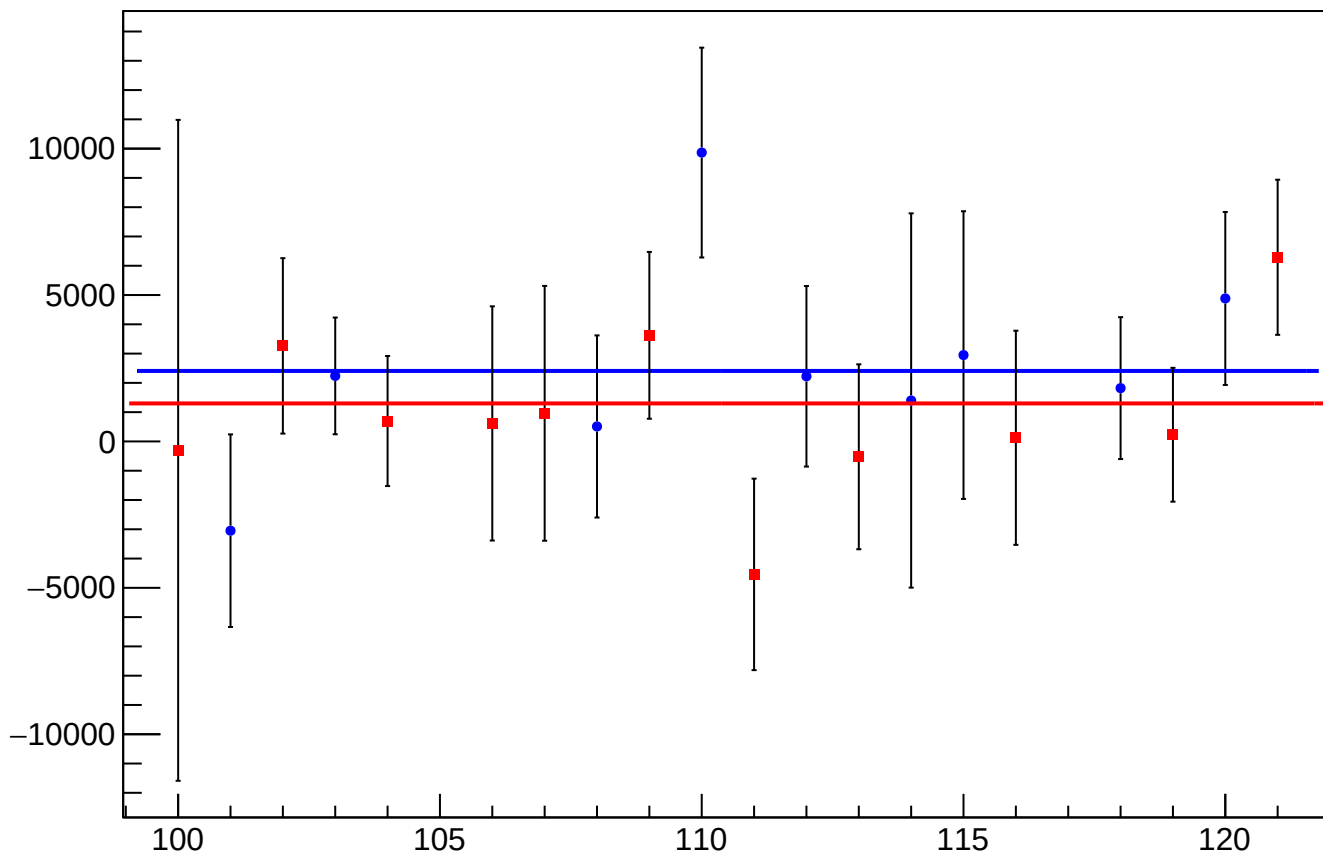
Right: 0.000+/-0.000 χ^2/NDF : 1766896.9/19

In: 0.000+/-0.000 χ^2/NDF : 399911.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1766896.9/19

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2407.611+/-1009.403 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.492+/-927.185 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

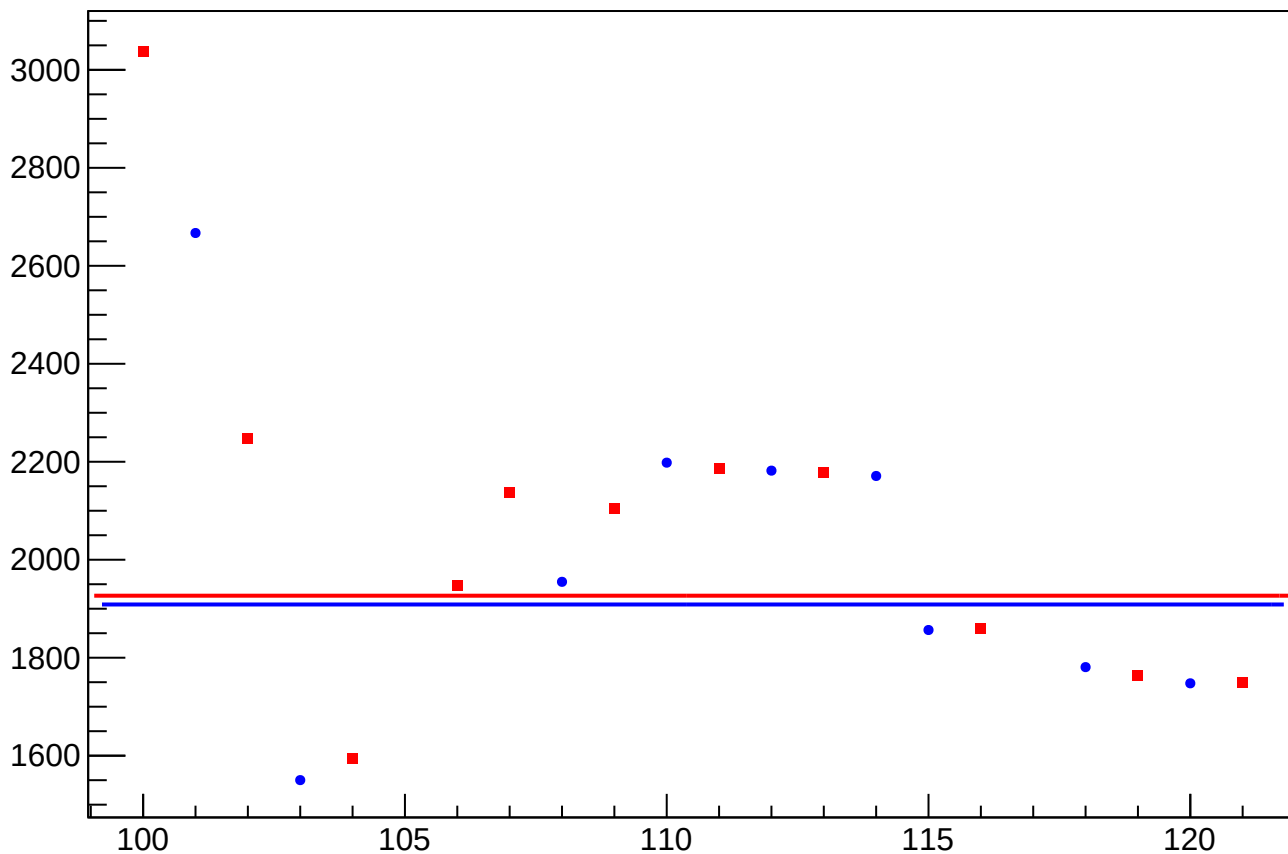
Right: 1806.048+/-682.838 χ^2/NDF : 17.5/19

In: 2407.611+/-1009.403 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.048+/-682.838 χ^2/NDF : 17.5/19

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1908.652+/-0.714 χ^2/NDF : 215308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.586+/-0.653 χ^2/NDF : 144420.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

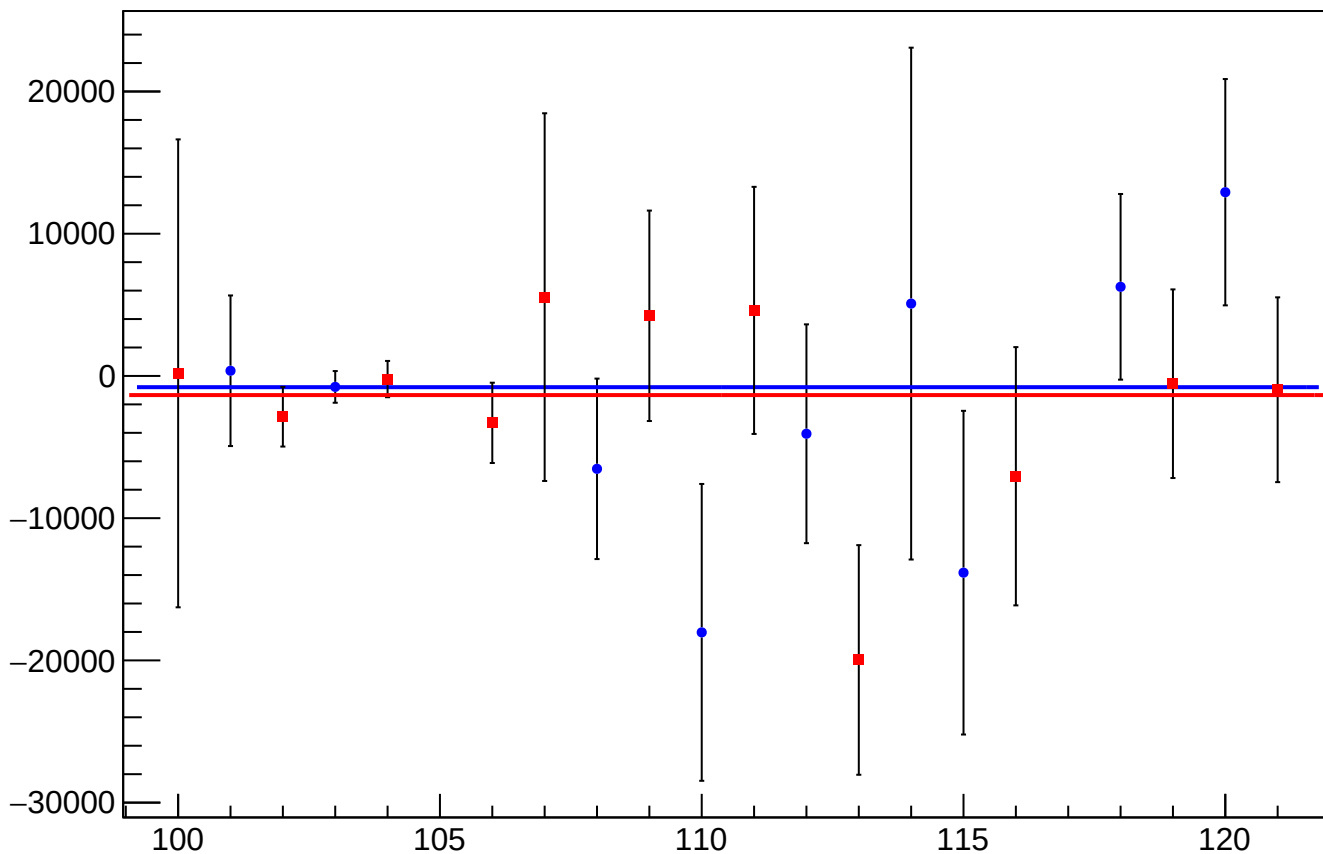
Right: 1918.415+/-0.482 χ^2/NDF : 360072.5/19

In: 1908.652+/-0.714 χ^2/NDF : 215308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.415+/-0.482 χ^2/NDF : 360072.5/19

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -789.791+/-1030.370 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1345.767+/-961.026 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

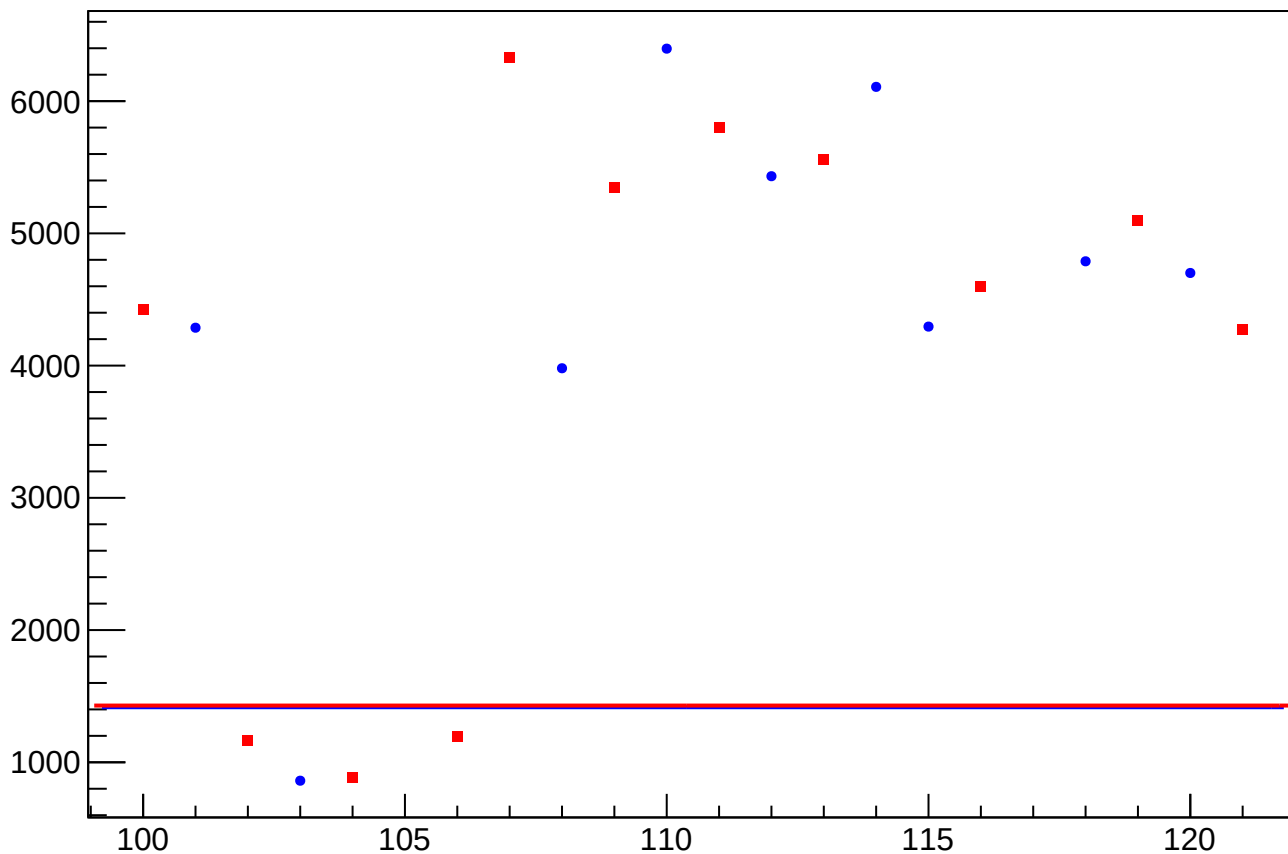
Right: -1087.115+/-702.785 χ^2/NDF : 18.3/19

In: -789.791+/-1030.370 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1087.115+/-702.785 χ^2/NDF : 18.3/19

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1416.518+/-0.729 χ^2/NDF : 3550596.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1429.045+/-0.680 χ^2/NDF : 3594093.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

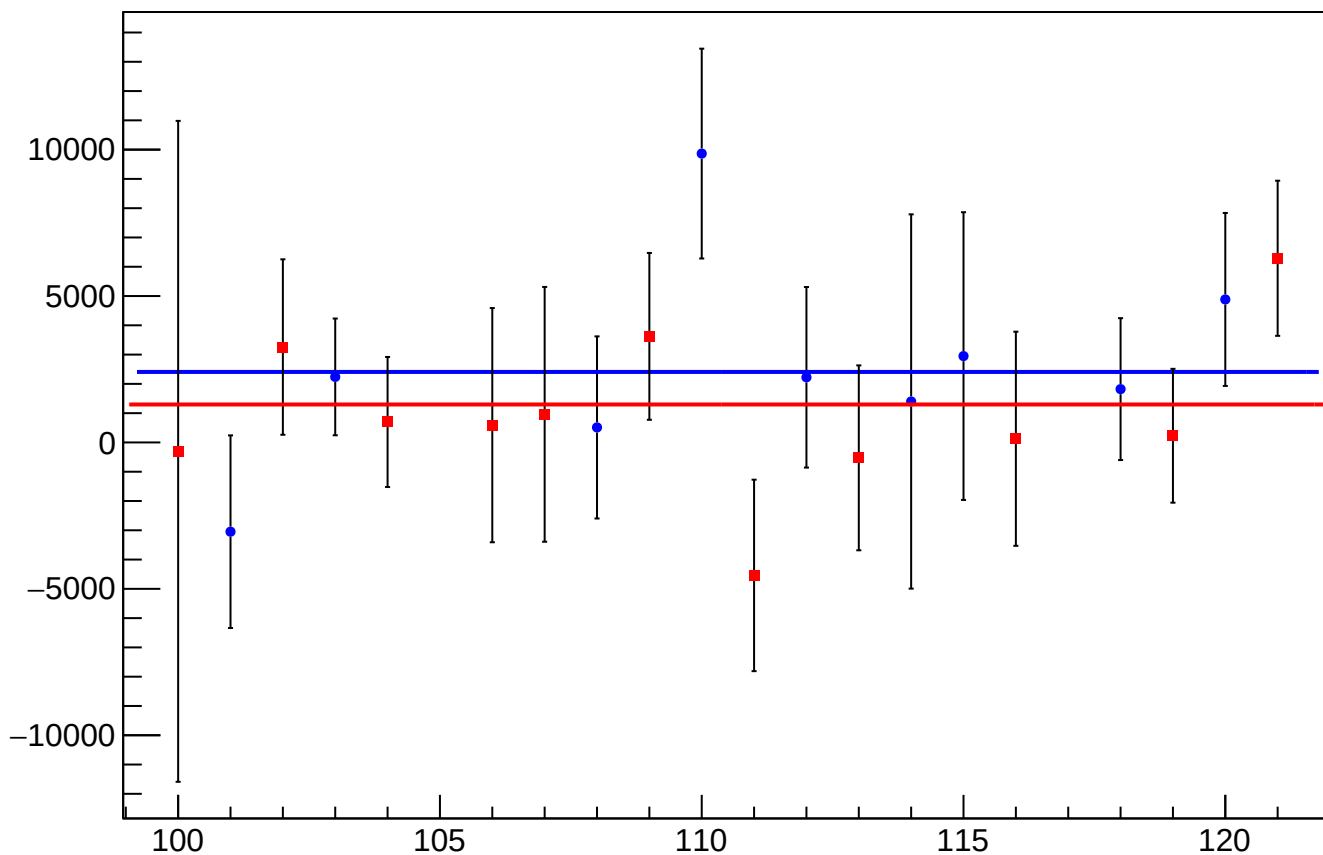
Right: 1423.217+/-0.497 χ^2/NDF : 7144848.4/19

In: 1416.518+/-0.729 χ^2/NDF : 3550596.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.217+/-0.497 χ^2/NDF : 7144848.4/19

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.376+/-927.187 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

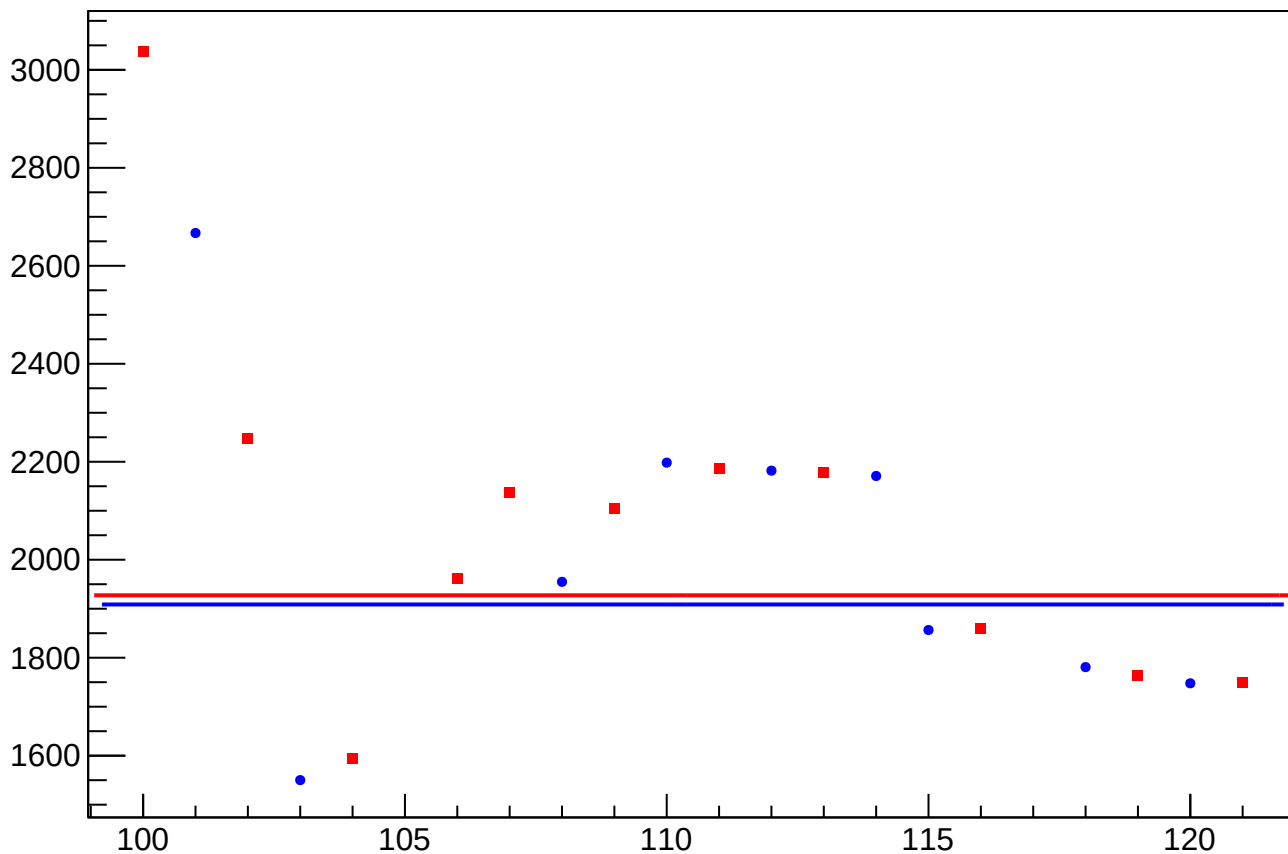
Right: 1805.021+/-682.839 χ^2/NDF : 17.5/19

In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1805.021+/-682.839 χ^2/NDF : 17.5/19

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1927.399+/-0.653 χ^2/NDF : 144529.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

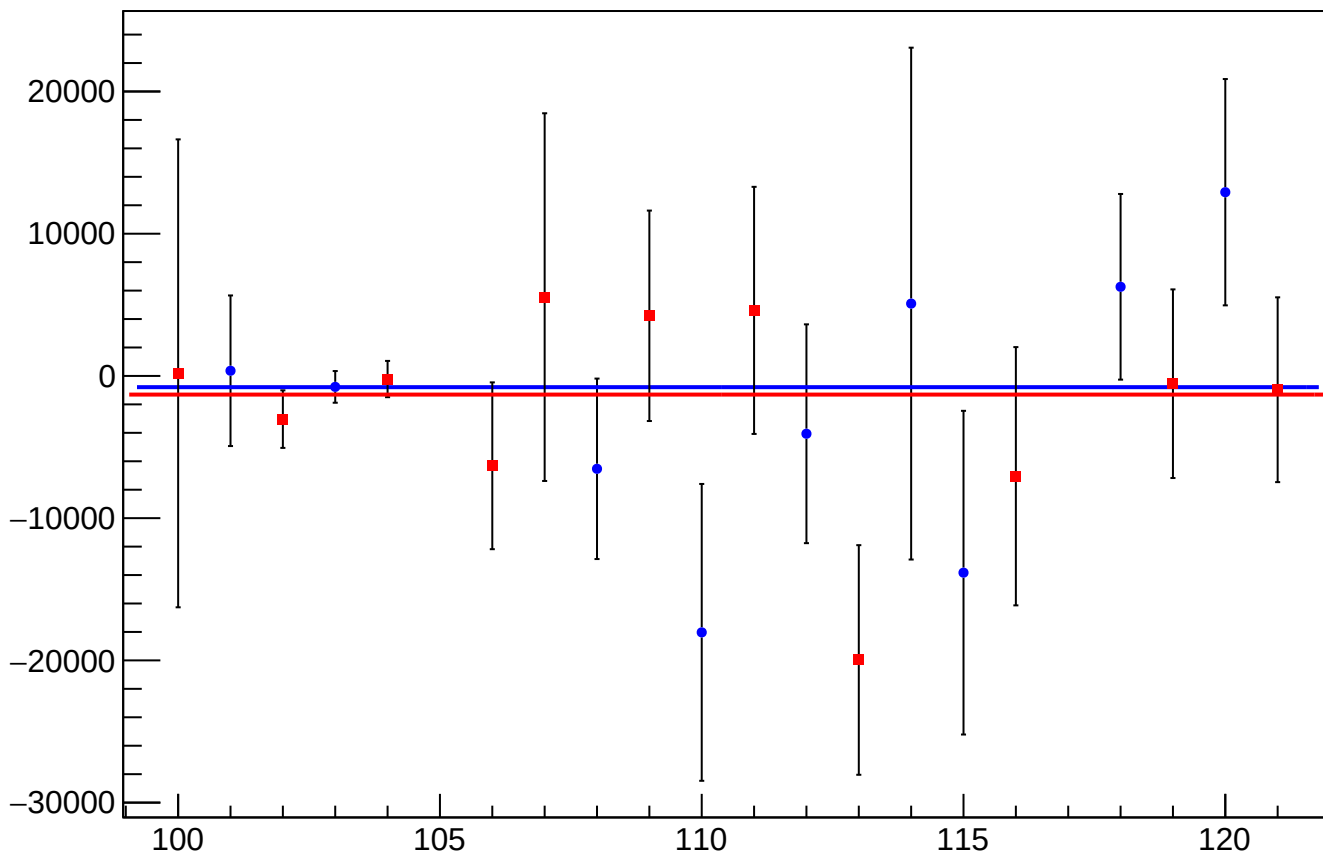
Right: 1918.854+/-0.482 χ^2/NDF : 360213.2/19

In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.854+/-0.482 χ^2/NDF : 360213.2/19

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1311.140+/-998.454 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

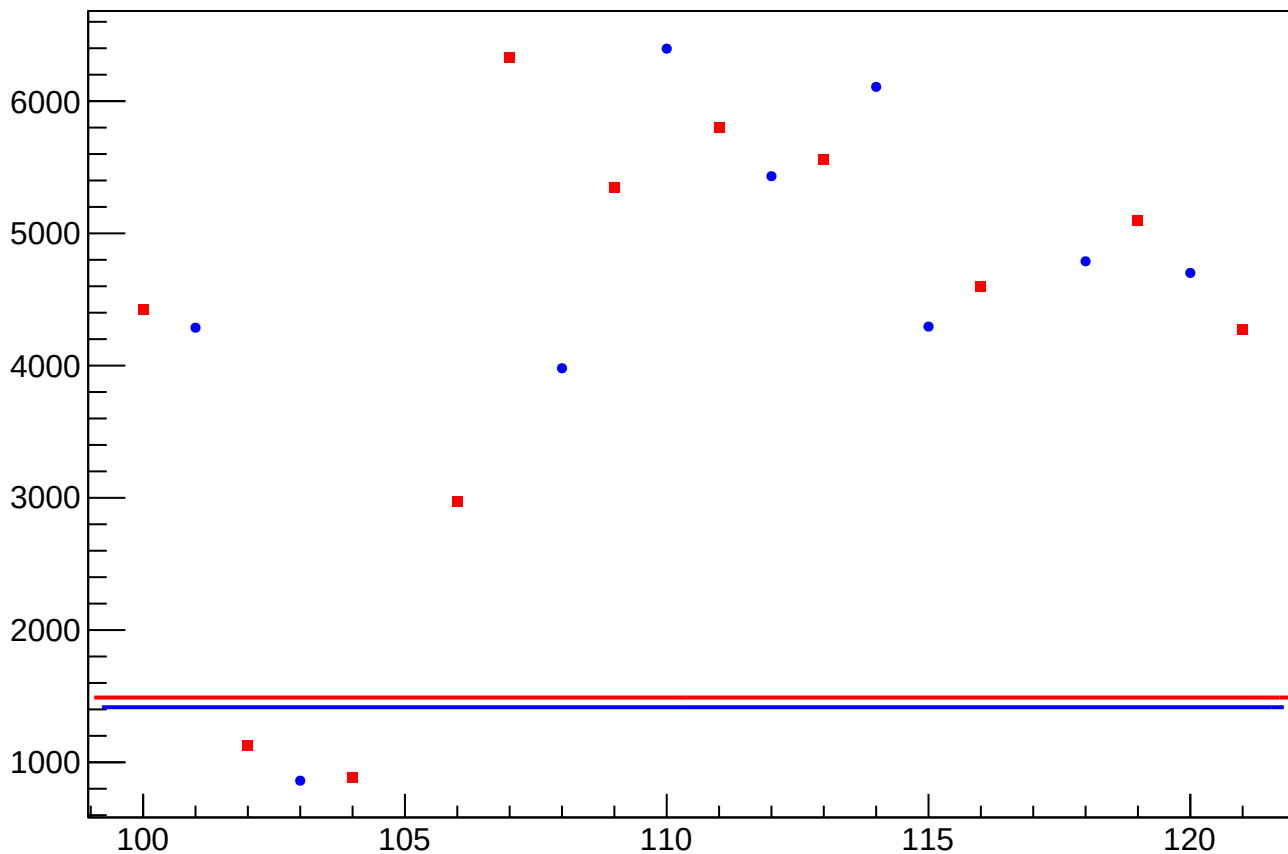
Right: -1058.388+/-717.009 χ^2/NDF : 18.7/19

In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1058.388+/-717.009 χ^2/NDF : 18.7/19

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1489.596+/-0.706 χ^2/NDF : 3723263.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

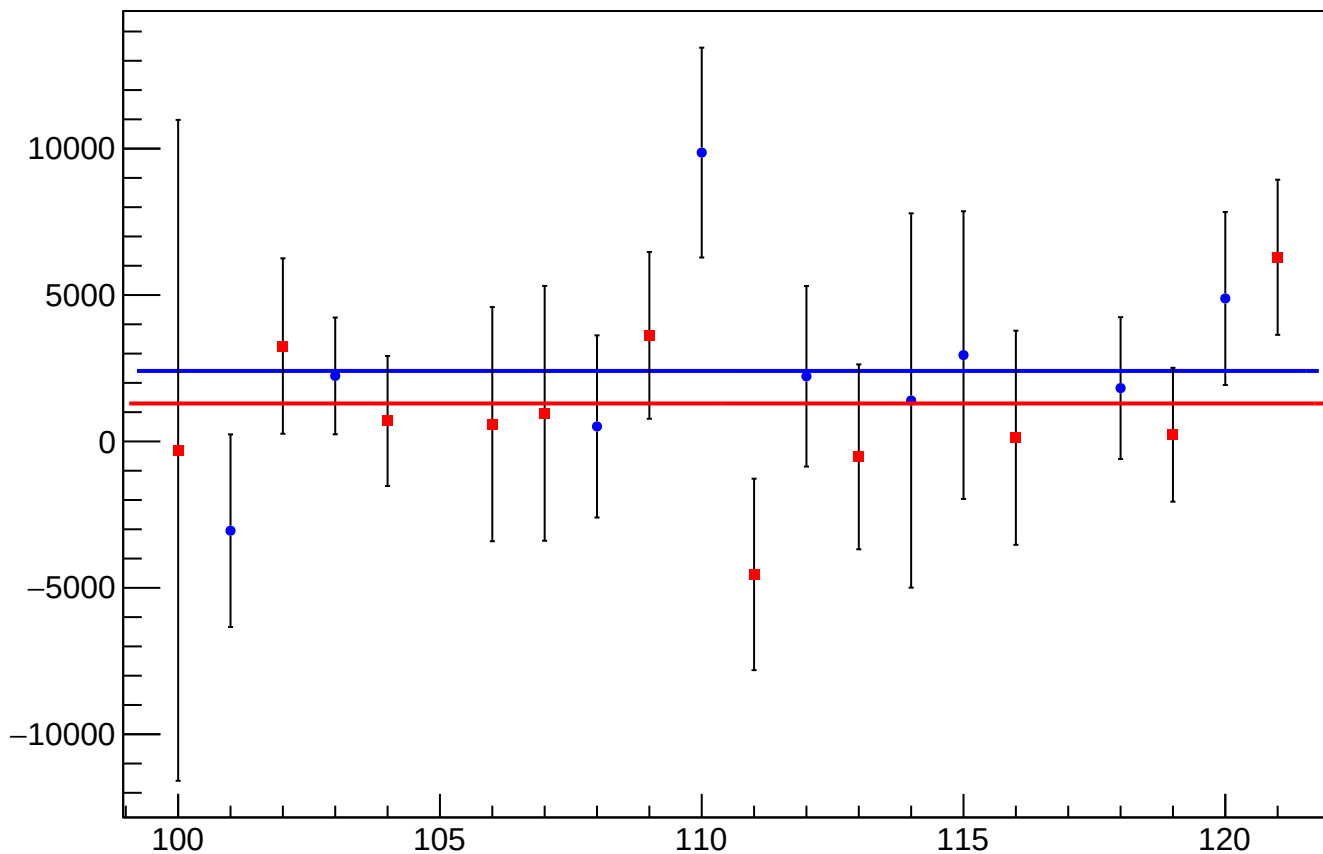
Right: 1454.146+/-0.507 χ^2/NDF : 7279240.2/19

In: 1416.399+/-0.729 χ^2/NDF :3550770.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1454.146+/-0.507 χ^2/NDF : 7279240.2/19

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.376+/-927.187 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

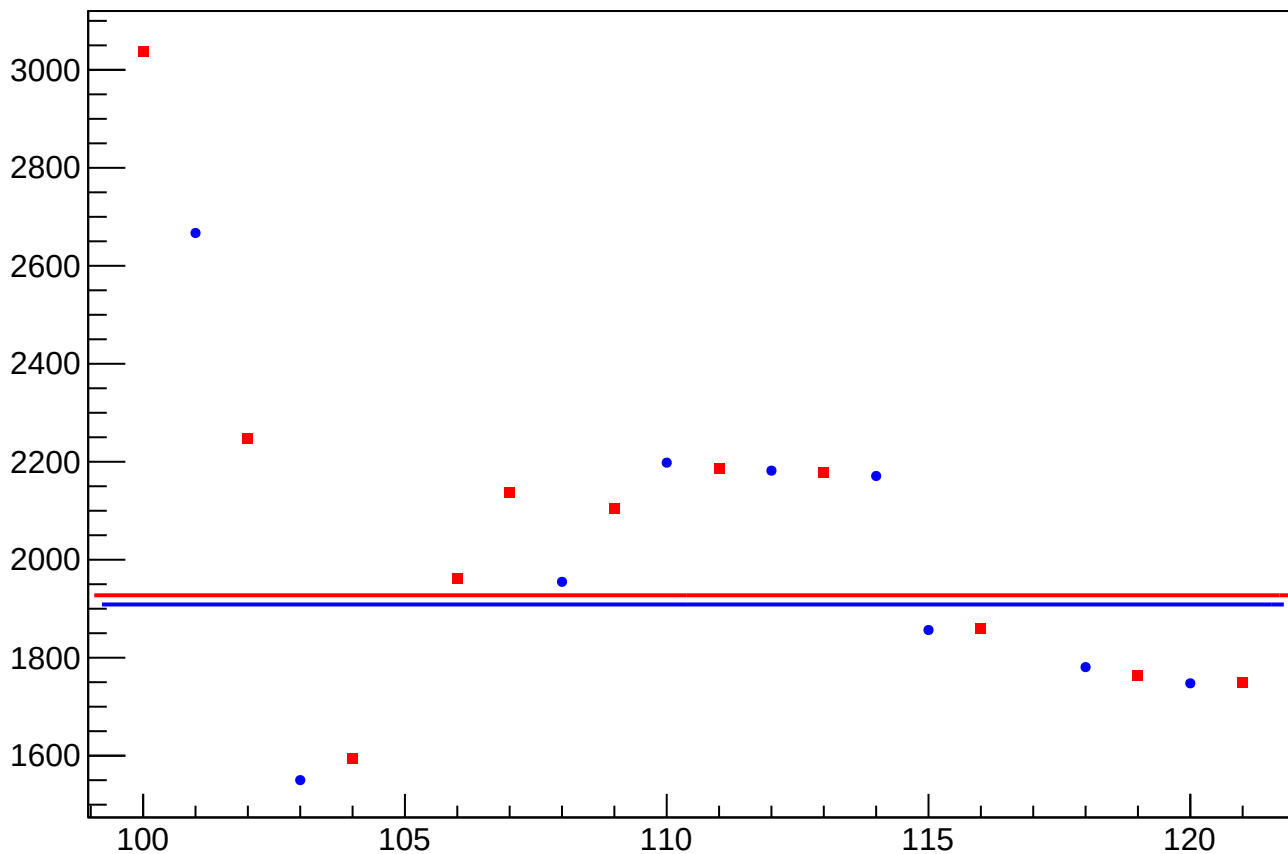
Right: 1805.021+/-682.839 χ^2/NDF : 17.5/19

In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1805.021+/-682.839 χ^2/NDF : 17.5/19

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1927.399+/-0.653 χ^2/NDF : 144529.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

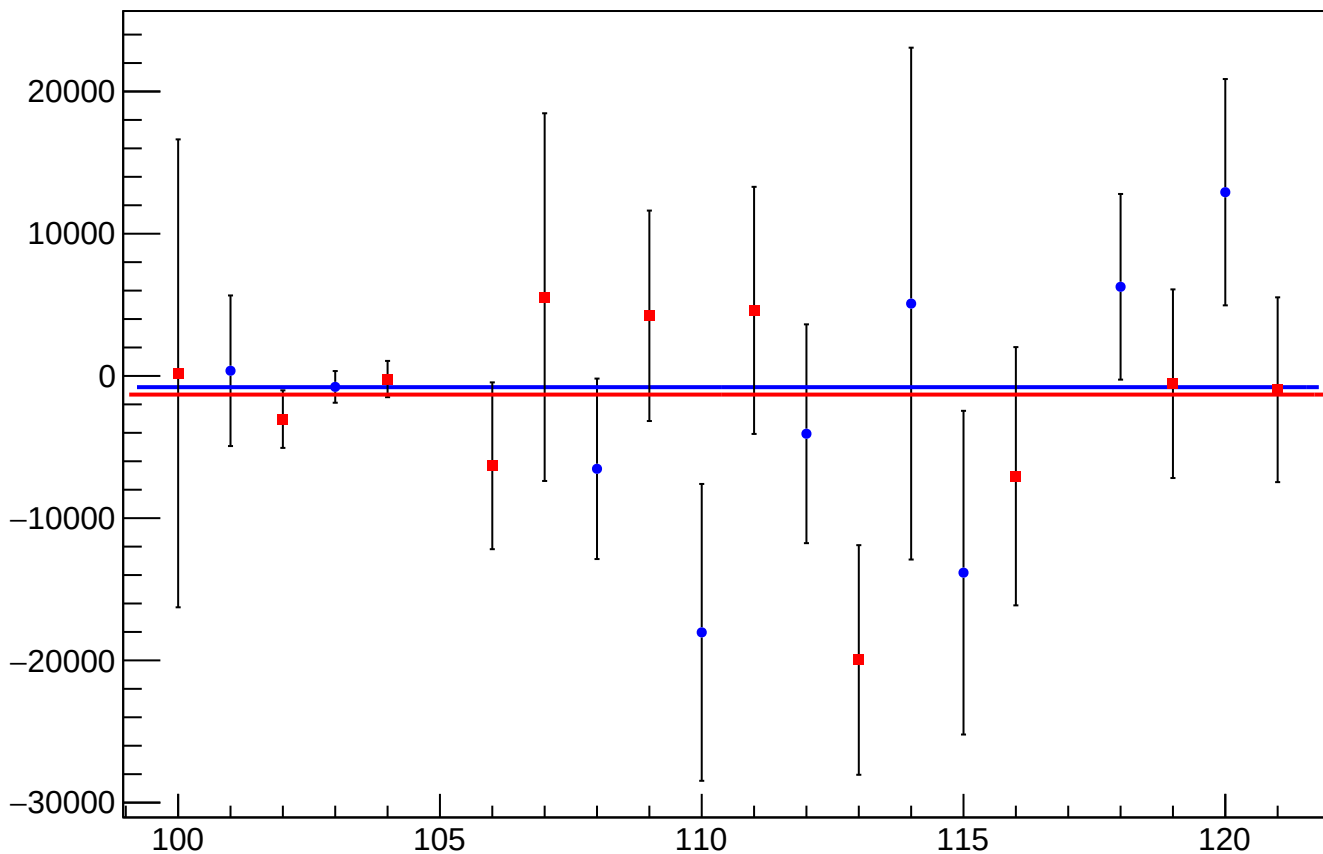
Right: 1918.854+/-0.482 χ^2/NDF : 360213.2/19

In: 1908.653+/-0.714 χ^2/NDF :215308.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1918.854+/-0.482 χ^2/NDF : 360213.2/19

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1311.140+/-998.454 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

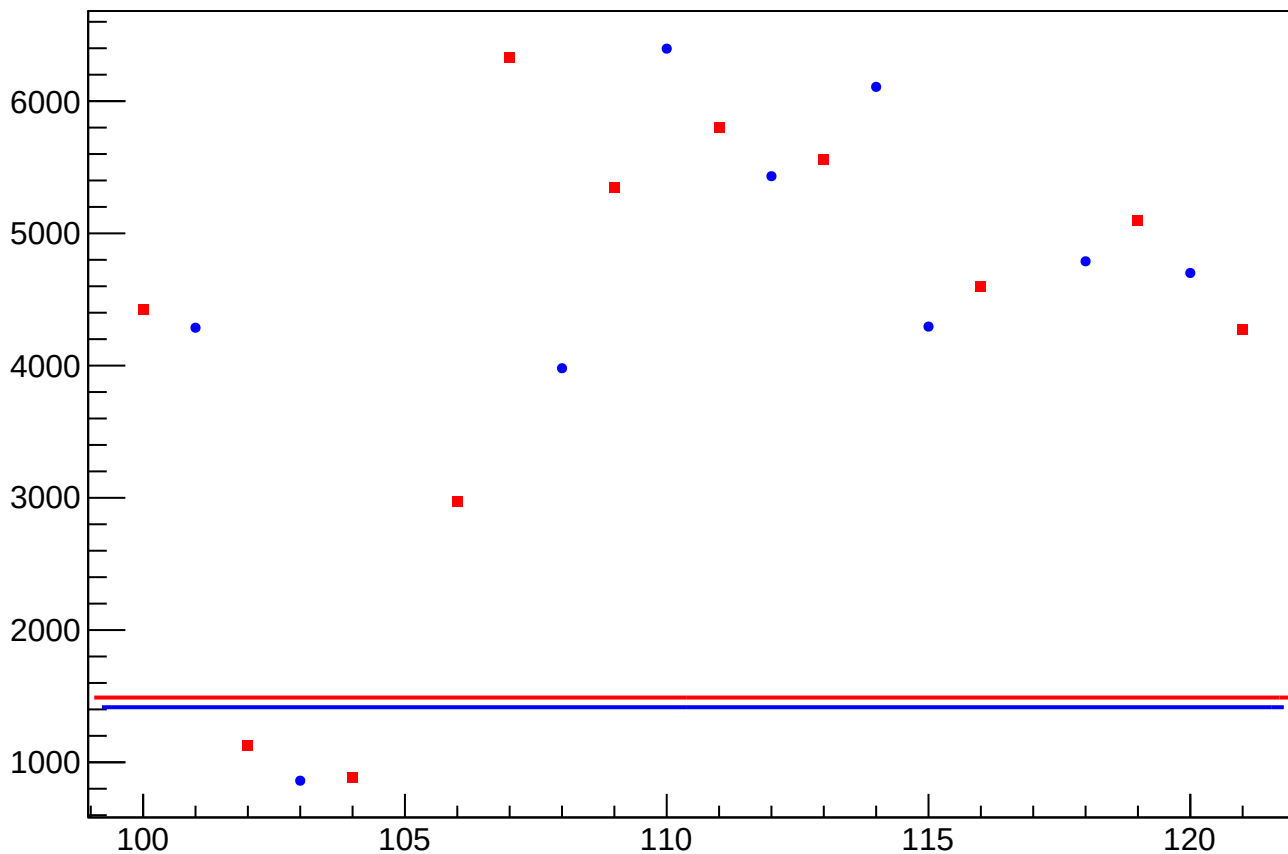
Right: -1058.388+/-717.009 χ^2/NDF : 18.7/19

In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1058.388+/-717.009 χ^2/NDF : 18.7/19

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.596+/-0.706 χ^2/NDF : 3723263.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

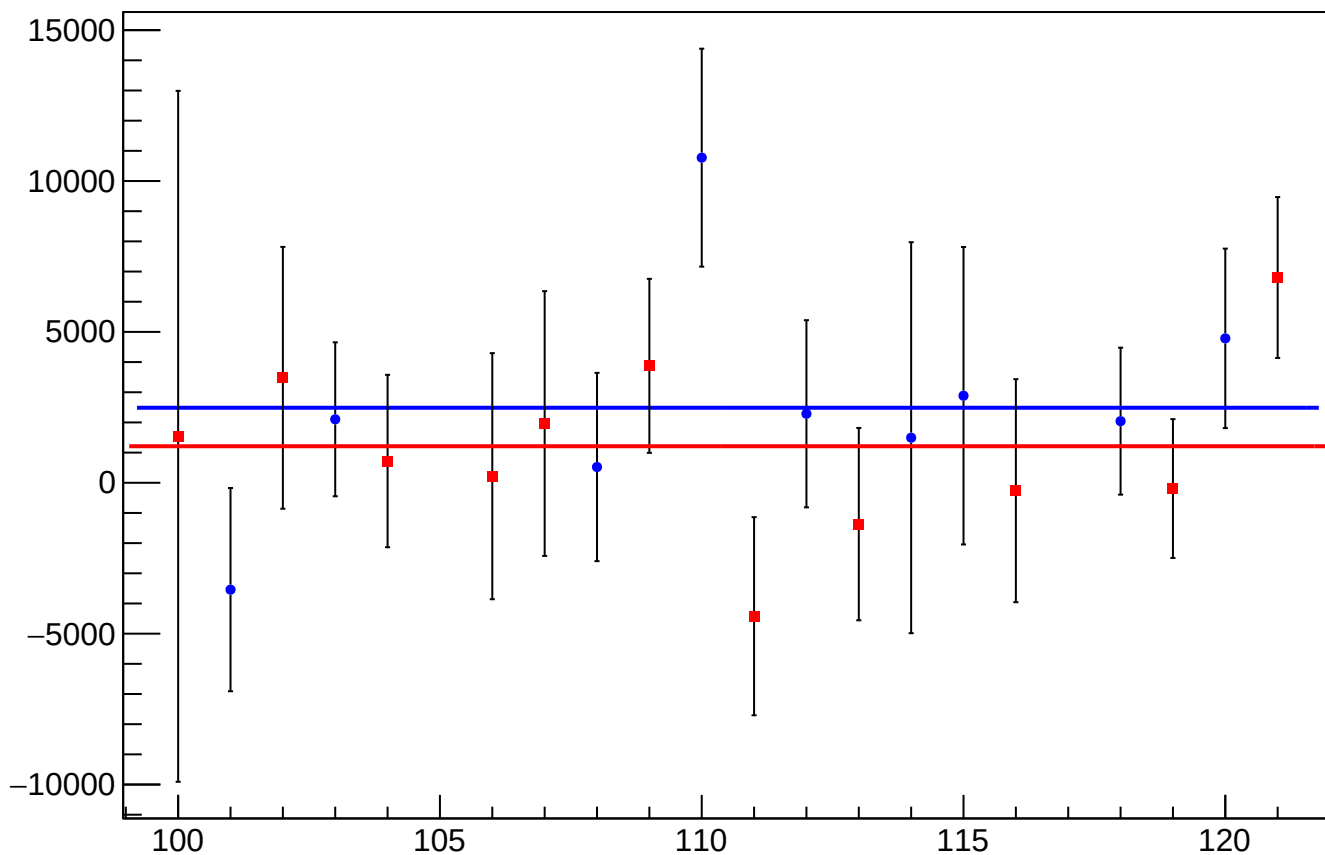
Right: 1454.146+/-0.507 χ^2/NDF : 7279240.2/19

In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.146+/-0.507 χ^2/NDF : 7279240.2/19

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2486.761+/-1070.899 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1210.911+/-995.184 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

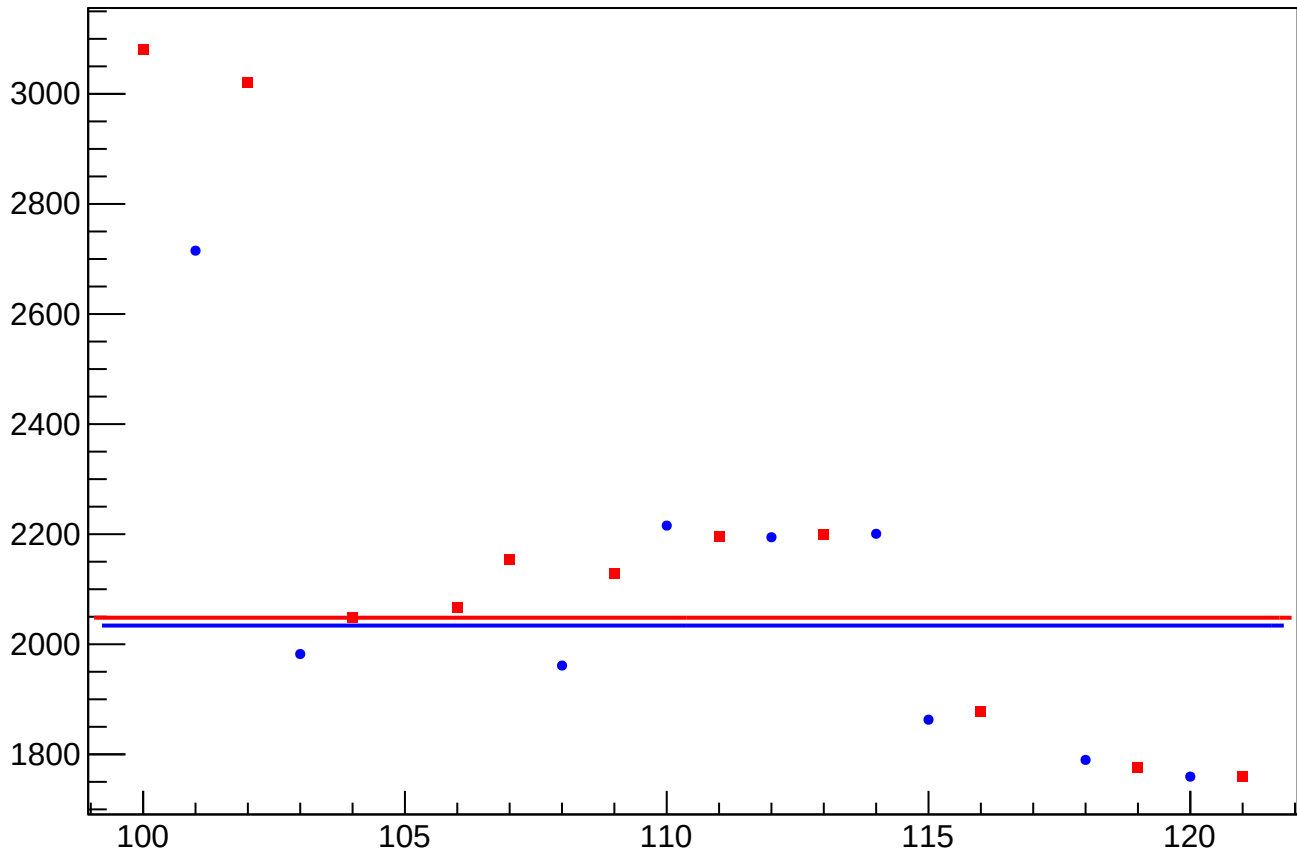
Right: 1802.143+/-729.000 χ^2/NDF : 20.1/19

In: 2486.761+/-1070.899 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1802.143+/-729.000 χ^2/NDF : 20.1/19

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2033.976+/-0.757 χ^2/NDF : 135039.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.230+/-0.703 χ^2/NDF : 183549.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

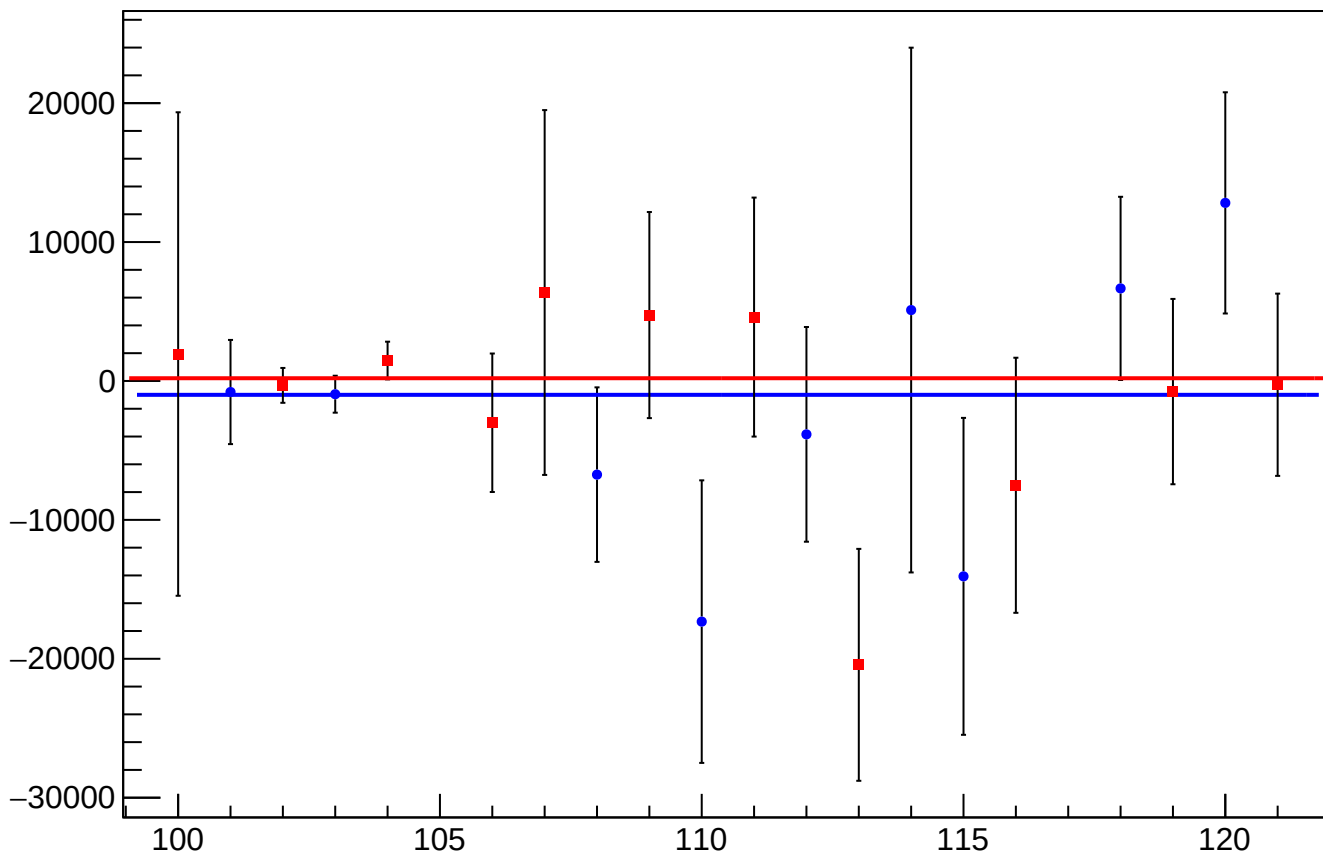
Right: 2041.636+/-0.515 χ^2/NDF : 318779.8/19

In: 2033.976+/-0.757 χ^2/NDF : 135039.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.636+/-0.515 χ^2/NDF : 318779.8/19

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -998.224+/-1164.735 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.656+/-866.771 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

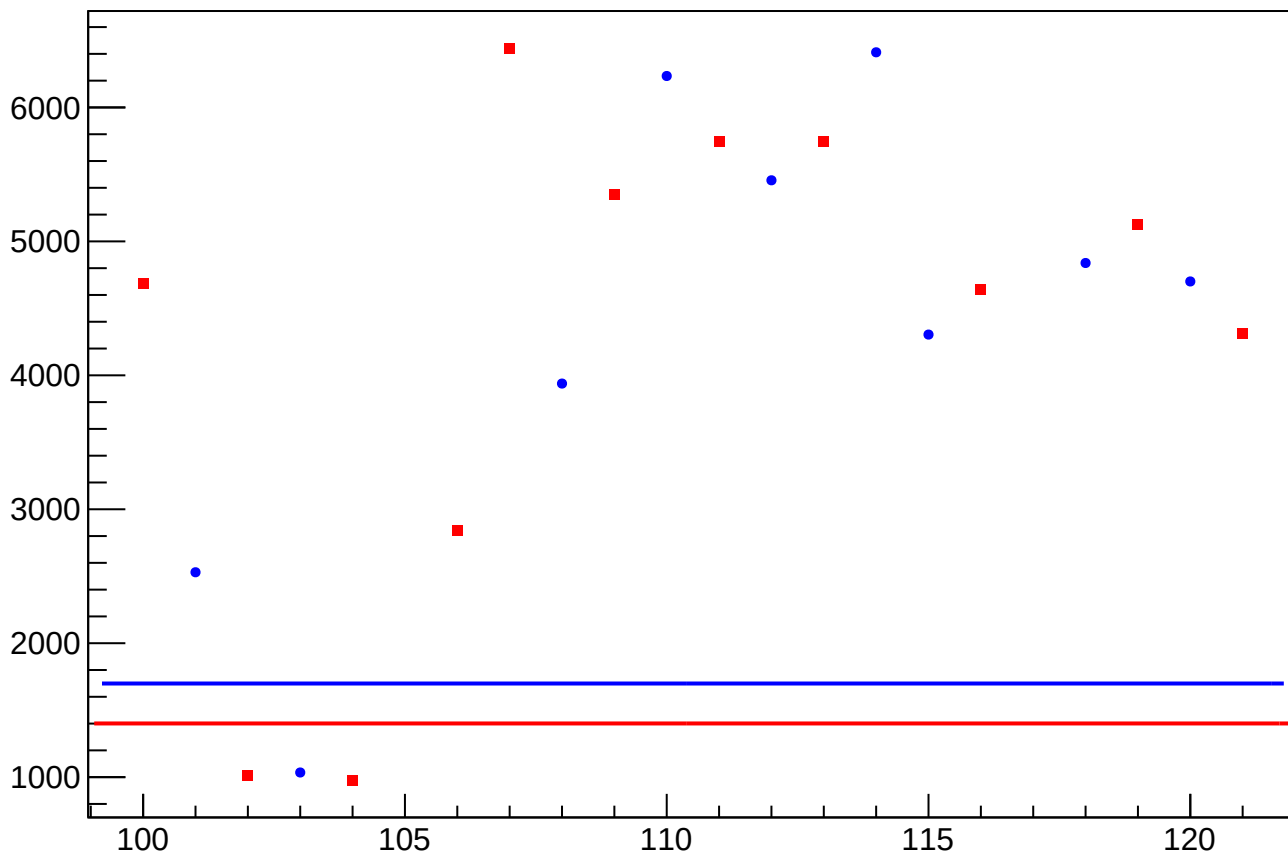
Right: -229.219+/-695.355 χ^2/NDF : 19.2/19

In: -998.224+/-1164.735 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.219+/-695.355 χ^2/NDF : 19.2/19

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1699.145+/-0.824 χ^2/NDF : 2687774.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.908+/-0.613 χ^2/NDF : 3812087.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

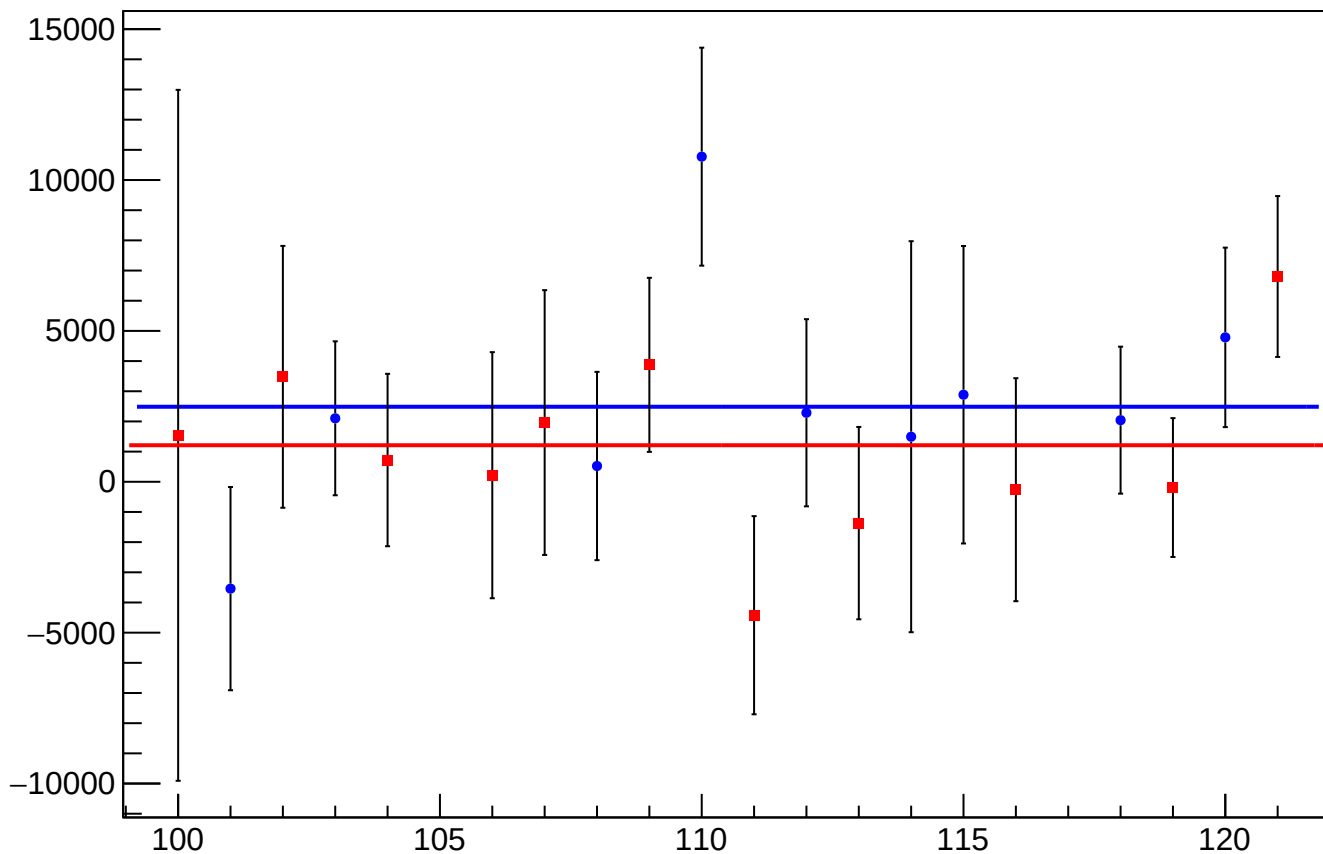
Right: 1507.204+/-0.492 χ^2/NDF : 6584253.9/19

In: 1699.145+/-0.824 χ^2/NDF : 2687774.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.204+/-0.492 χ^2/NDF : 6584253.9/19

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2486.748+/-1070.899 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1210.916+/-995.183 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

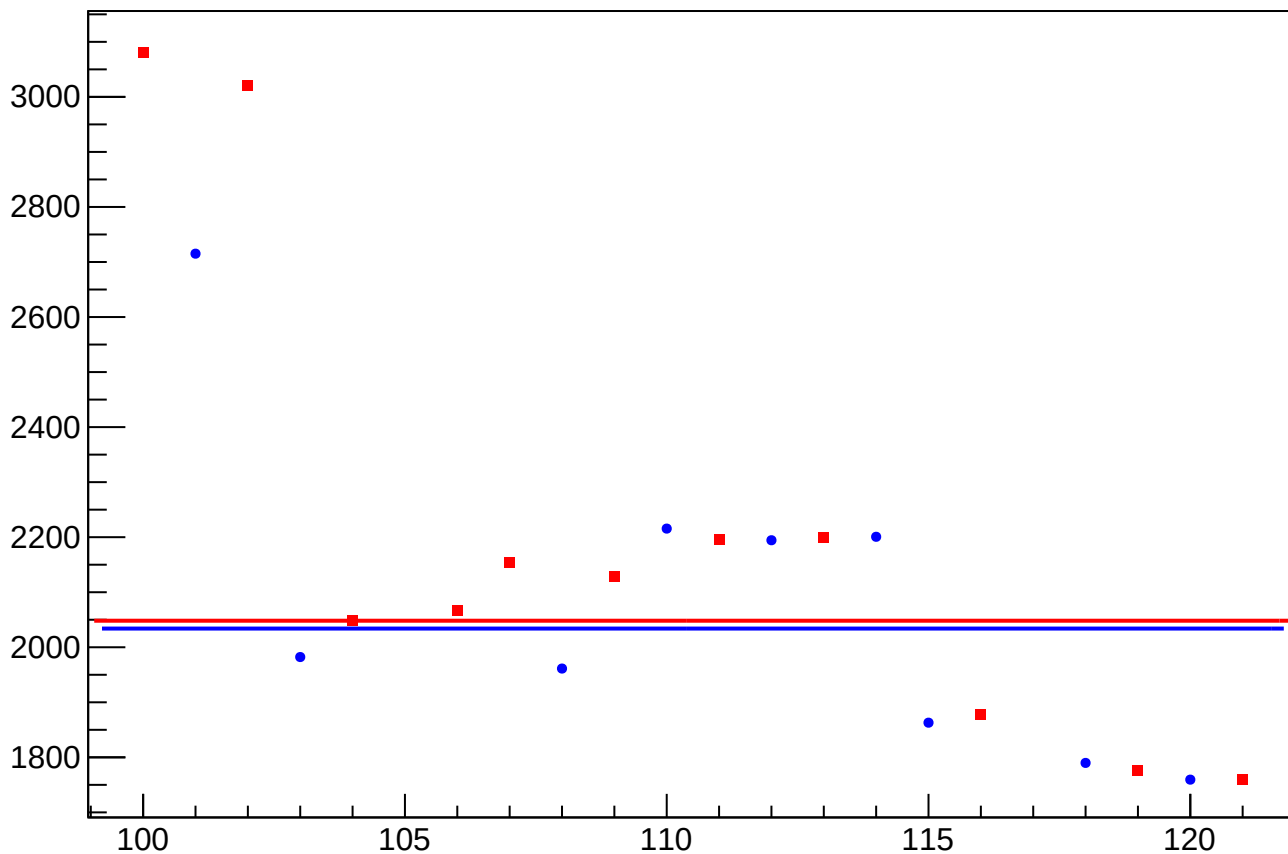
Right: 1802.139+/-729.000 χ^2/NDF : 20.1/19

In: 2486.748+/-1070.899 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1802.139+/-729.000 χ^2/NDF : 20.1/19

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2033.975+/-0.757 χ^2/NDF : 135040.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.229+/-0.703 χ^2/NDF : 183548.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

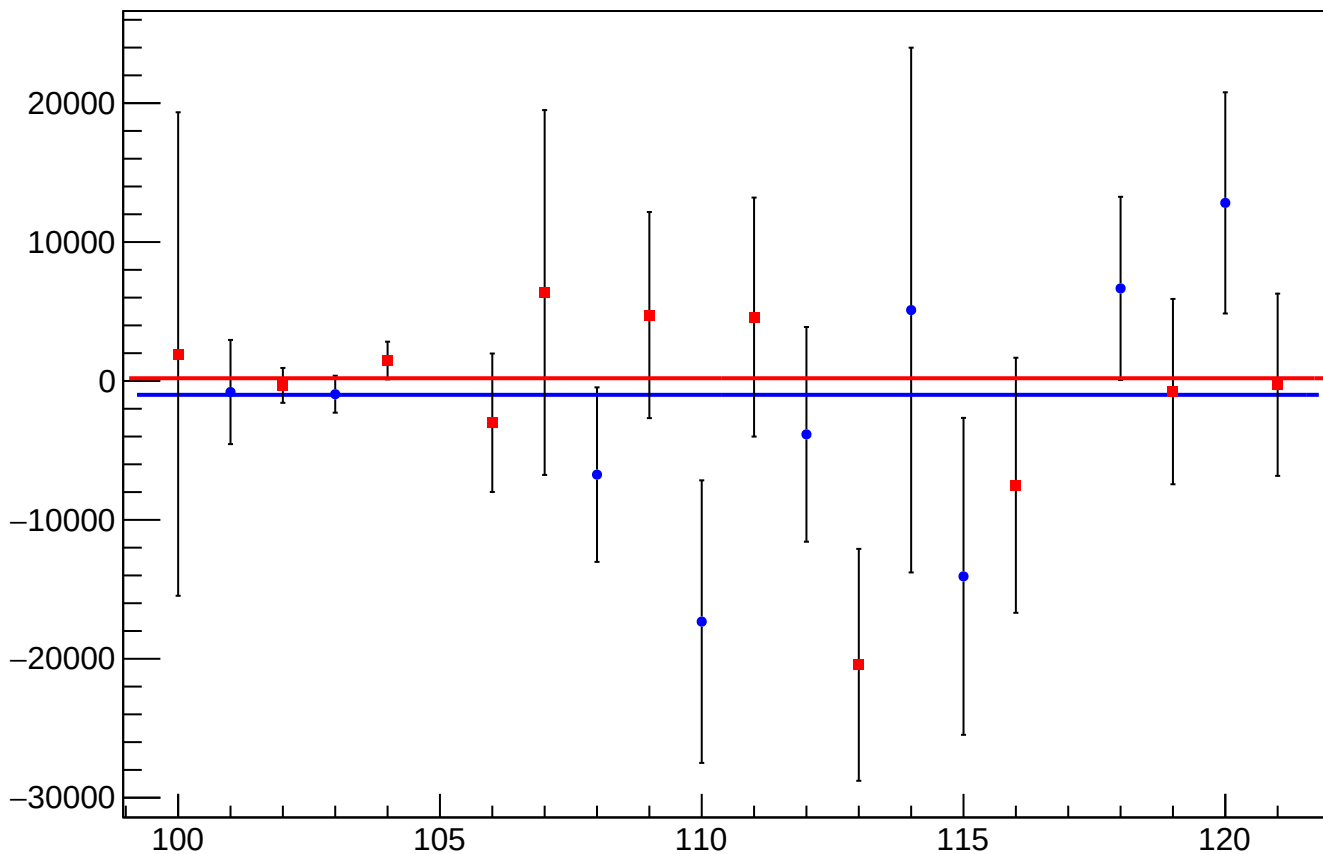
Right: 2041.635+/-0.515 χ^2/NDF : 318779.1/19

In: 2033.975+/-0.757 χ^2/NDF : 135040.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.635+/-0.515 χ^2/NDF : 318779.1/19

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -998.227+/-1164.735 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 196.650+/-866.770 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

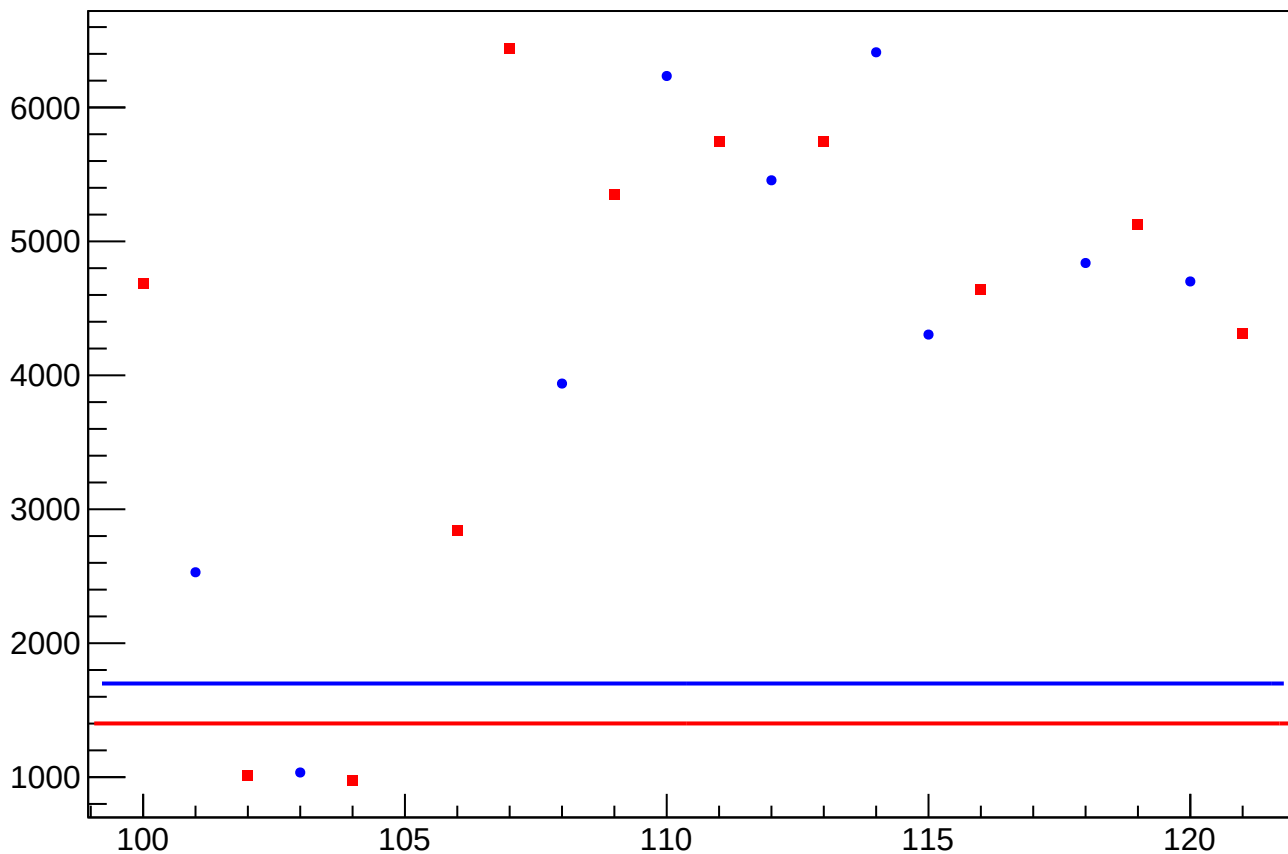
Right: -229.224+/-695.354 χ^2/NDF : 19.2/19

In: -998.227+/-1164.735 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -229.224+/-695.354 χ^2/NDF : 19.2/19

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1699.144+/-0.824 χ^2/NDF : 2687770.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.908+/-0.613 χ^2/NDF : 3812082.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

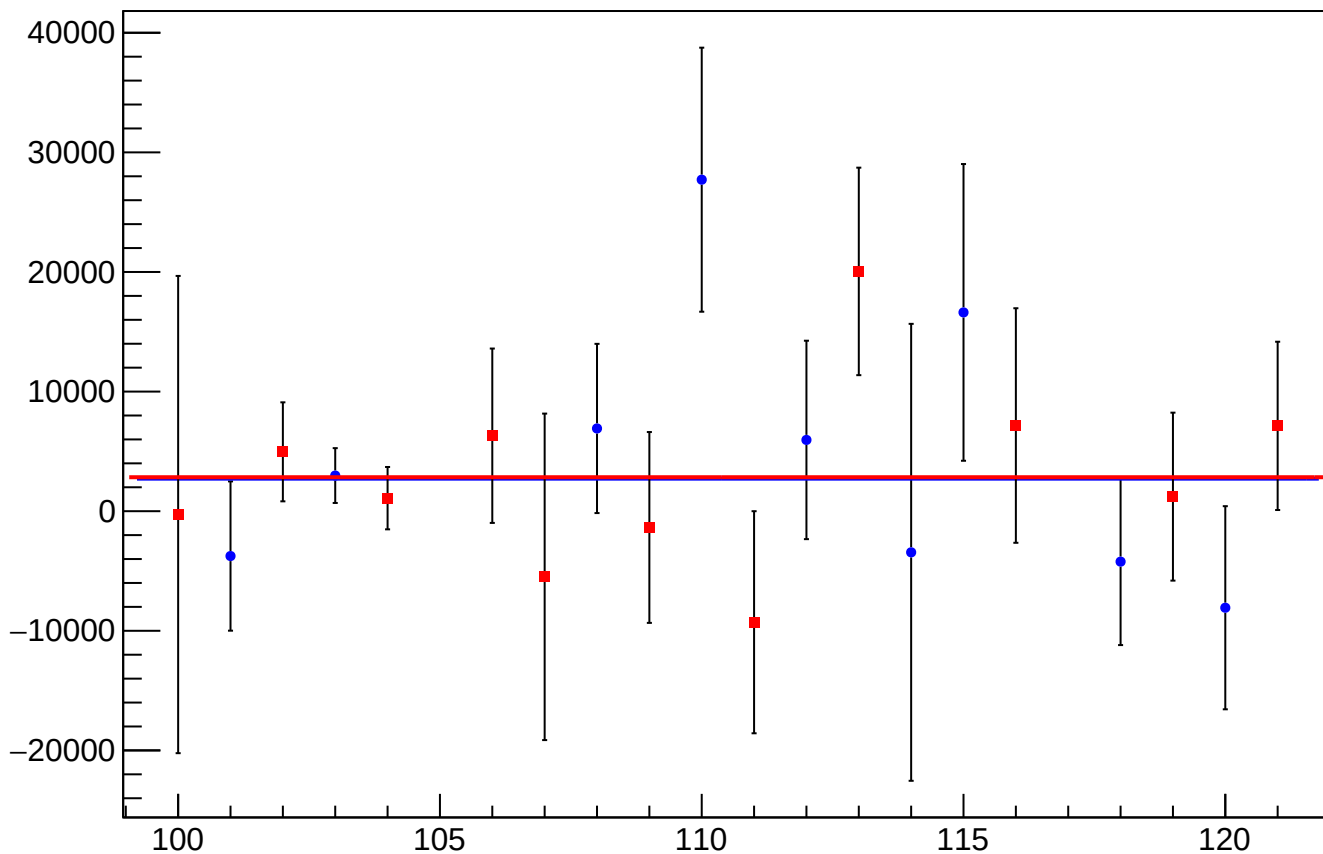
Right: 1507.204+/-0.492 χ^2/NDF : 6584245.3/19

In: 1699.144+/-0.824 χ^2/NDF : 2687770.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.204+/-0.492 χ^2/NDF : 6584245.3/19

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2721.910+/-1818.369 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2839.462+/-1757.510 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

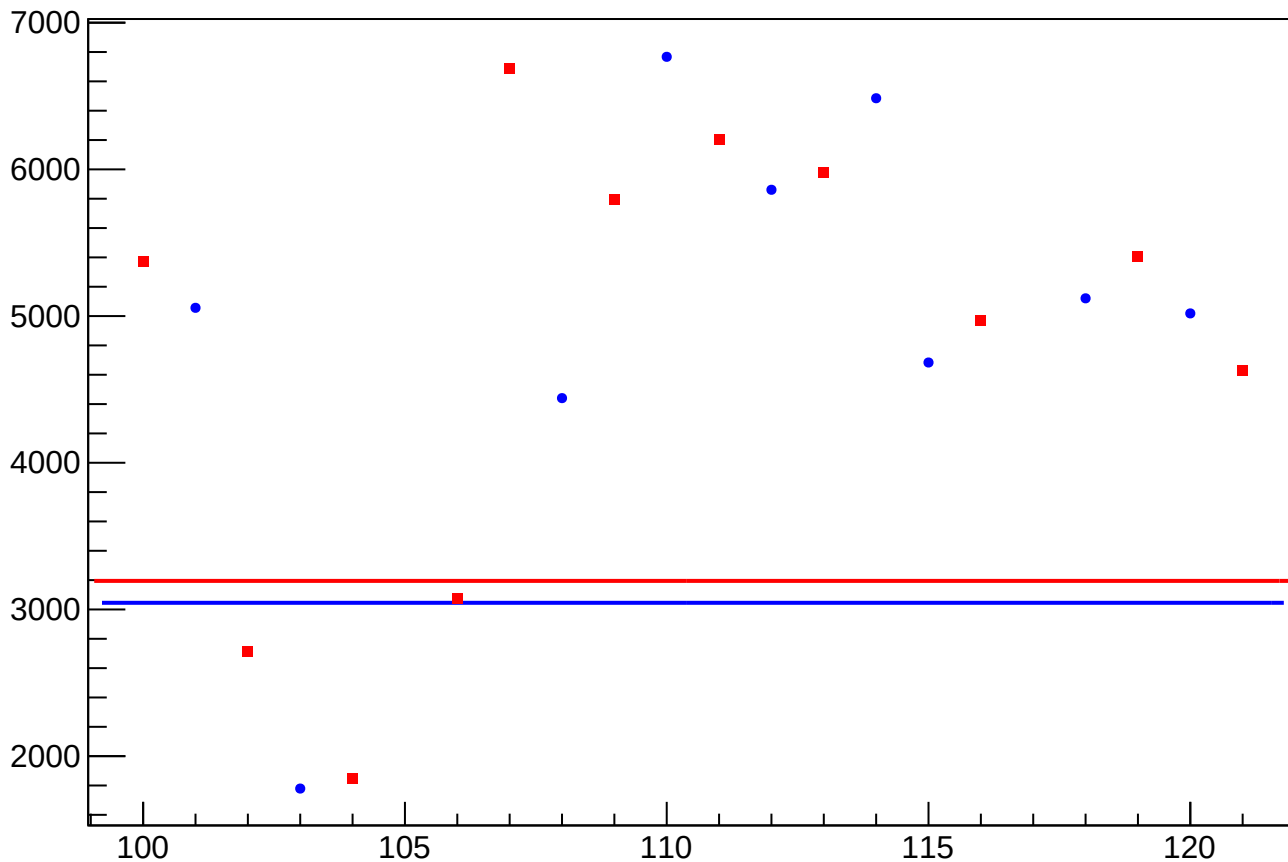
Right: 2782.686+/-1263.715 χ^2/NDF : 18.6/19

In: 2721.910+/-1818.369 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2782.686+/-1263.715 χ^2/NDF : 18.6/19

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3045.408+/-1.286 χ^2/NDF : 1738579.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3194.748+/-1.227 χ^2/NDF : 1690047.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

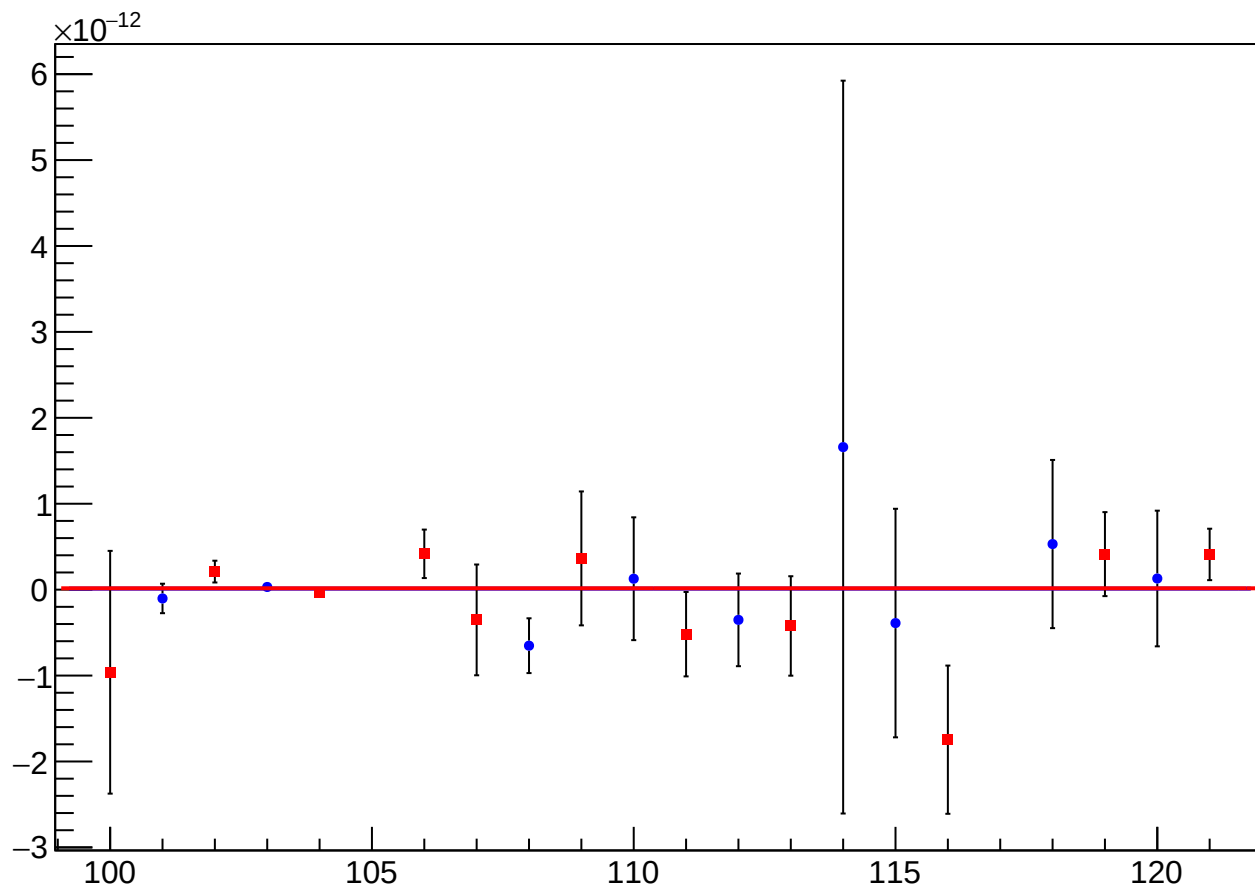
Right: 3123.575+/-0.888 χ^2/NDF : 3435687.5/19

In: 3045.408+/-1.286 χ^2/NDF : 1738579.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3123.575+/-0.888 χ^2/NDF : 3435687.5/19

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

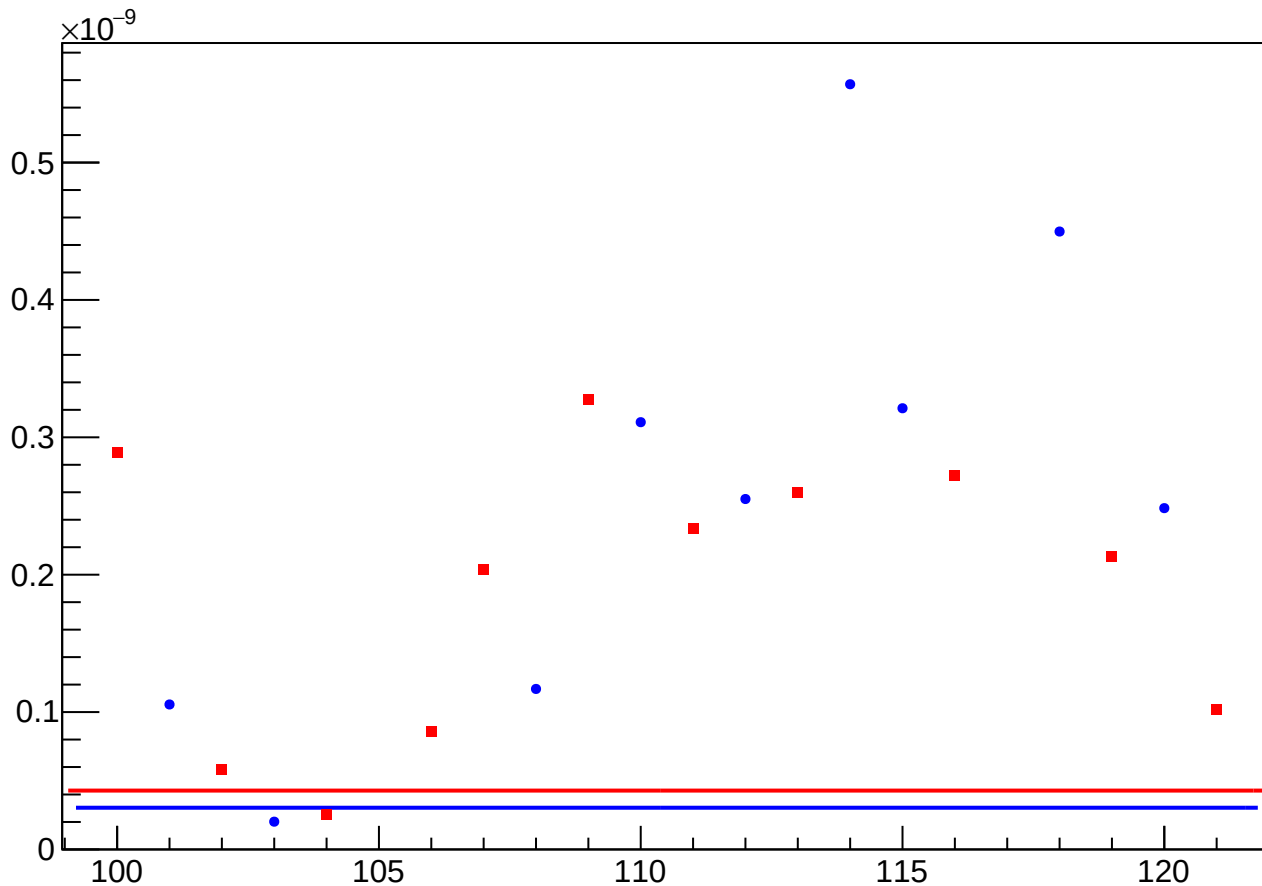
Right: 0.000+/-0.000 χ^2/NDF : 20.6/19

In: 0.000+/-0.000 χ^2/NDF : 6.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/19

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1949057.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1765633.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

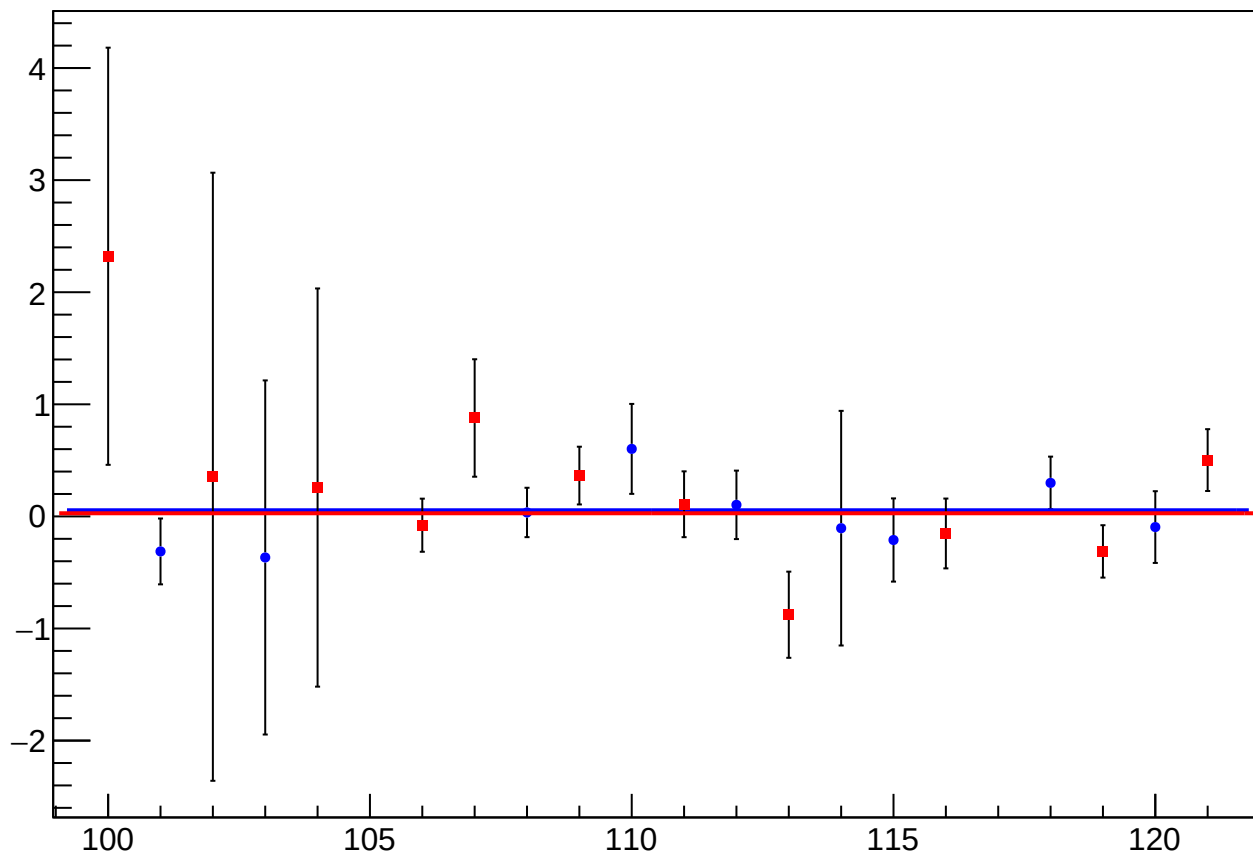
Right: 0.000+/-0.000 χ^2/NDF : 3793430.9/19

In: 0.000+/-0.000 χ^2/NDF : 1949057.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3793430.9/19

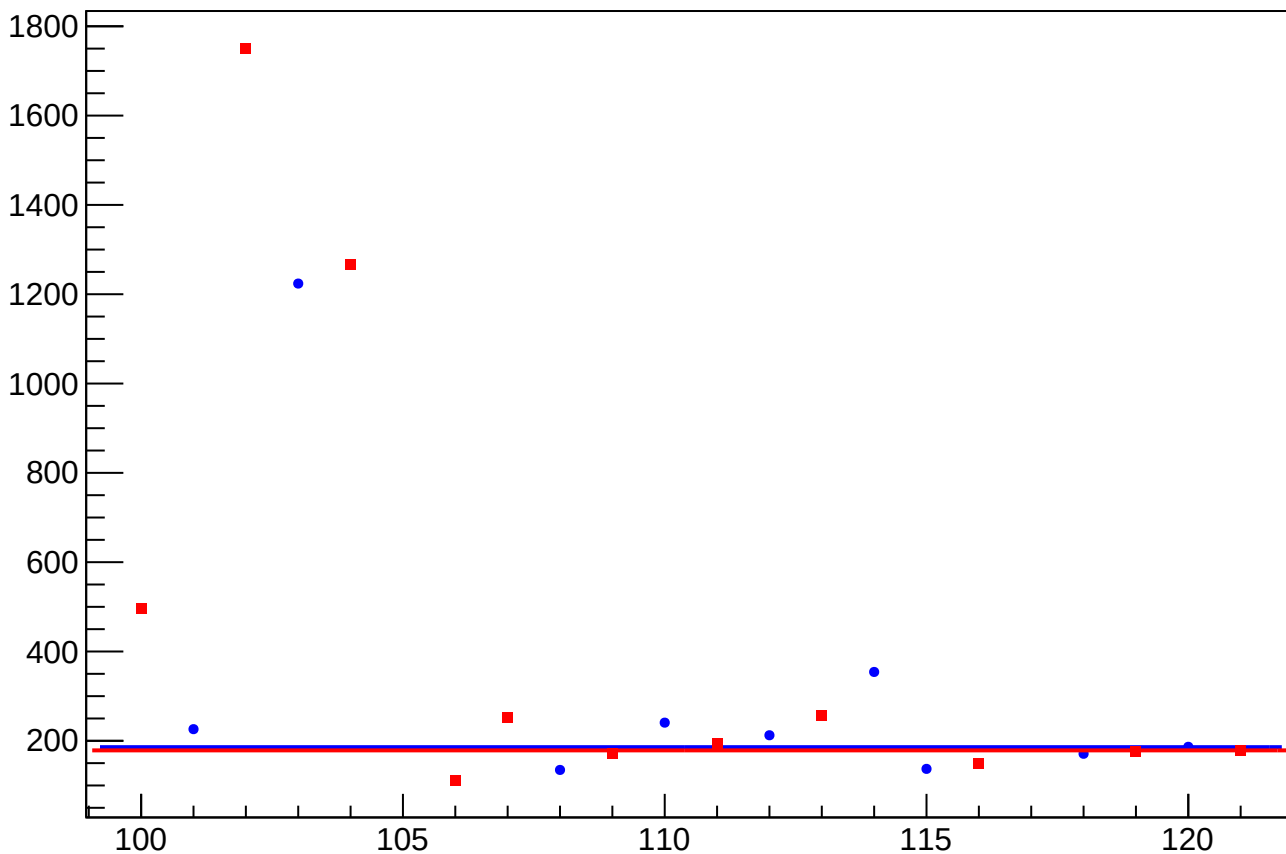
asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.041+/-0.074 χ^2/NDF : 22.5/19
 In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.041+/-0.074 χ^2/NDF : 22.5/19

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.599+/-0.072 χ^2/NDF : 1791259.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

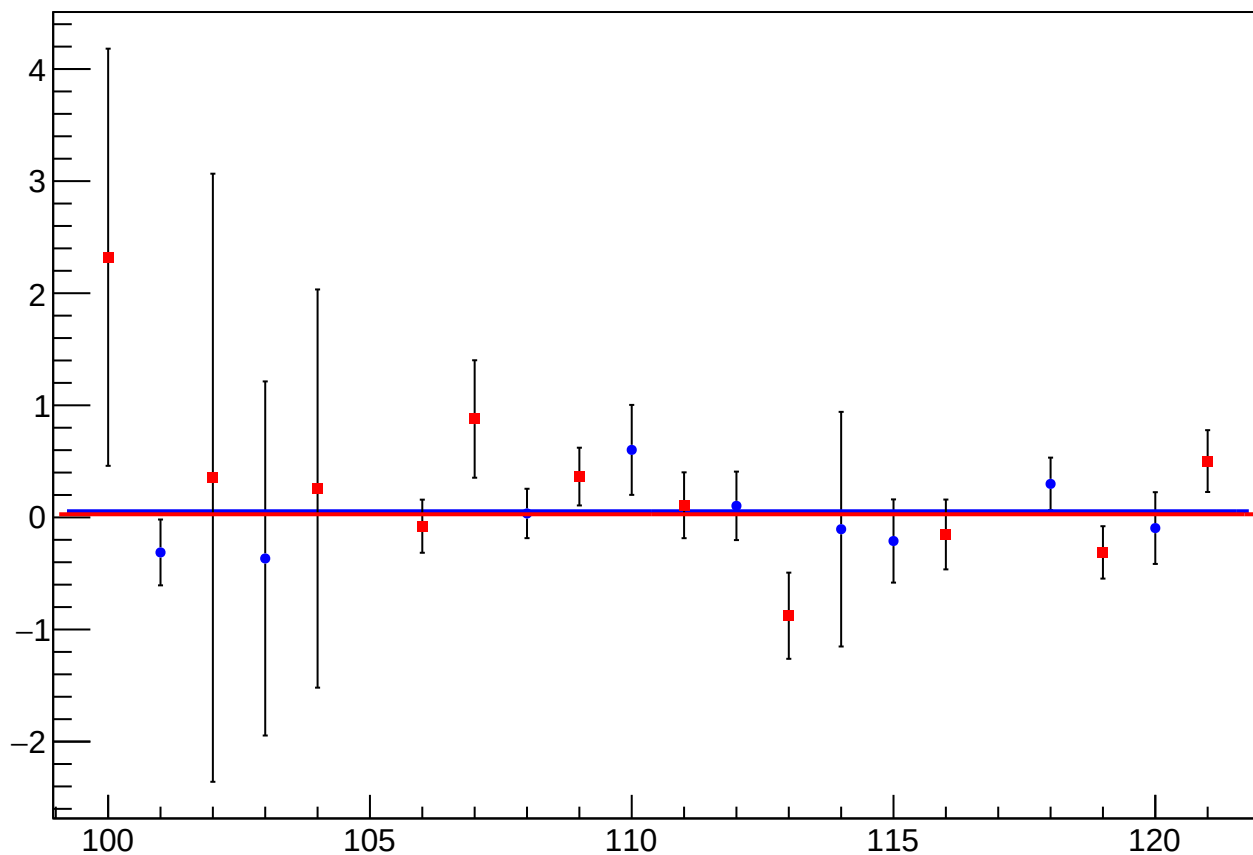
Right: 181.956+/-0.052 χ^2/NDF : 2951407.9/19

In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.956+/-0.052 χ^2/NDF : 2951407.9/19

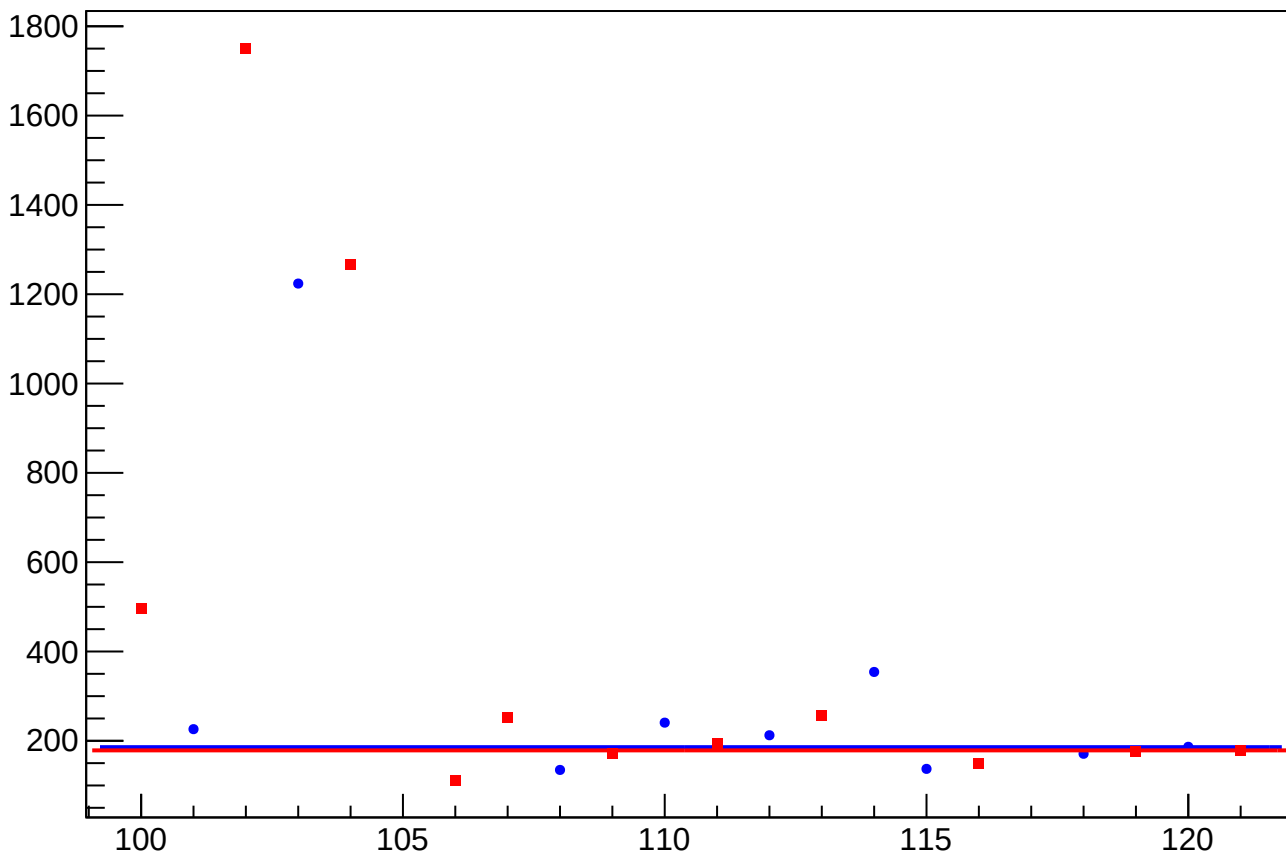
asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.041+/-0.074 χ^2/NDF : 22.5/19
 In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.041+/-0.074 χ^2/NDF : 22.5/19

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.599+/-0.072 χ^2/NDF : 1791259.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

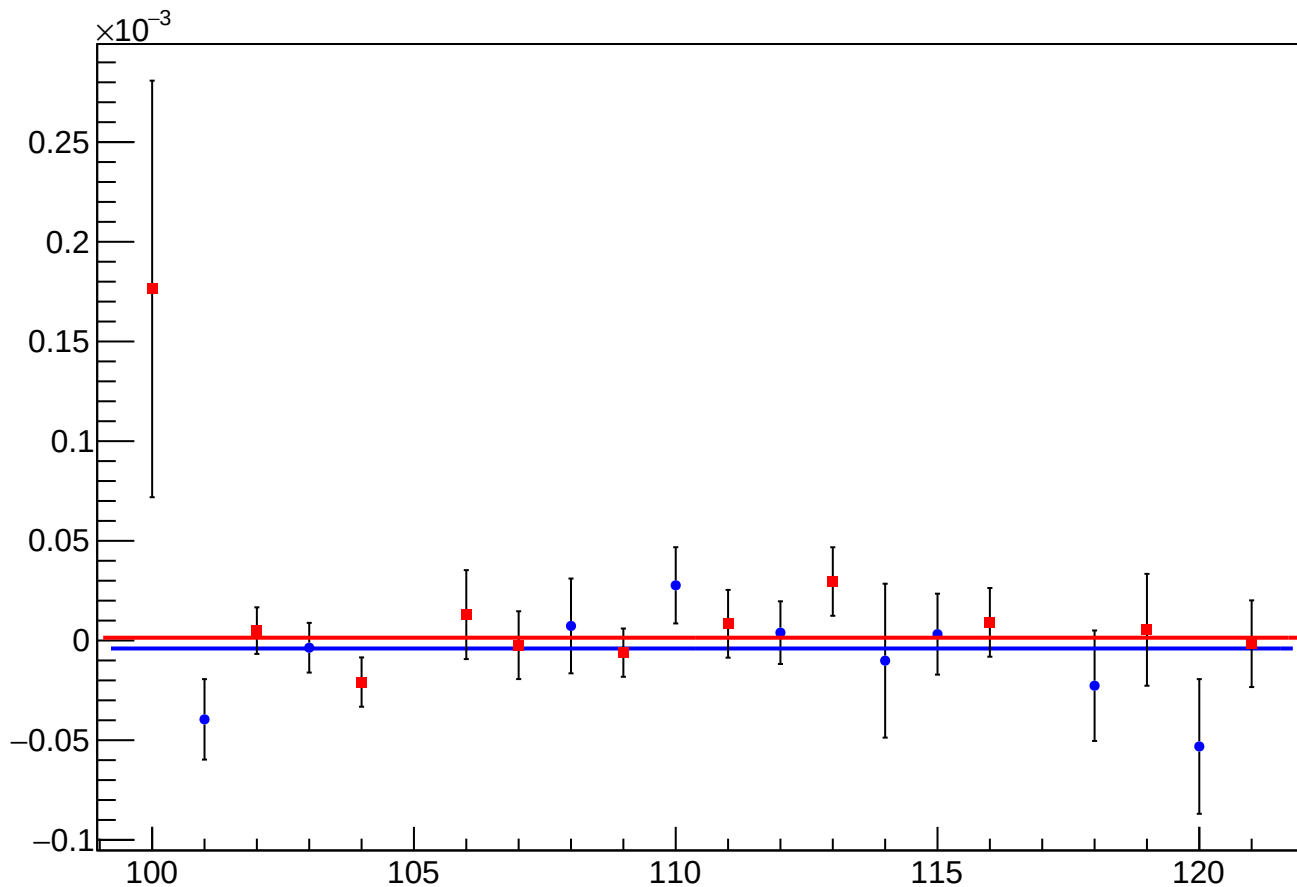
Right: 181.956+/-0.052 χ^2/NDF : 2951407.9/19

In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.956+/-0.052 χ^2/NDF : 2951407.9/19

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 9.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

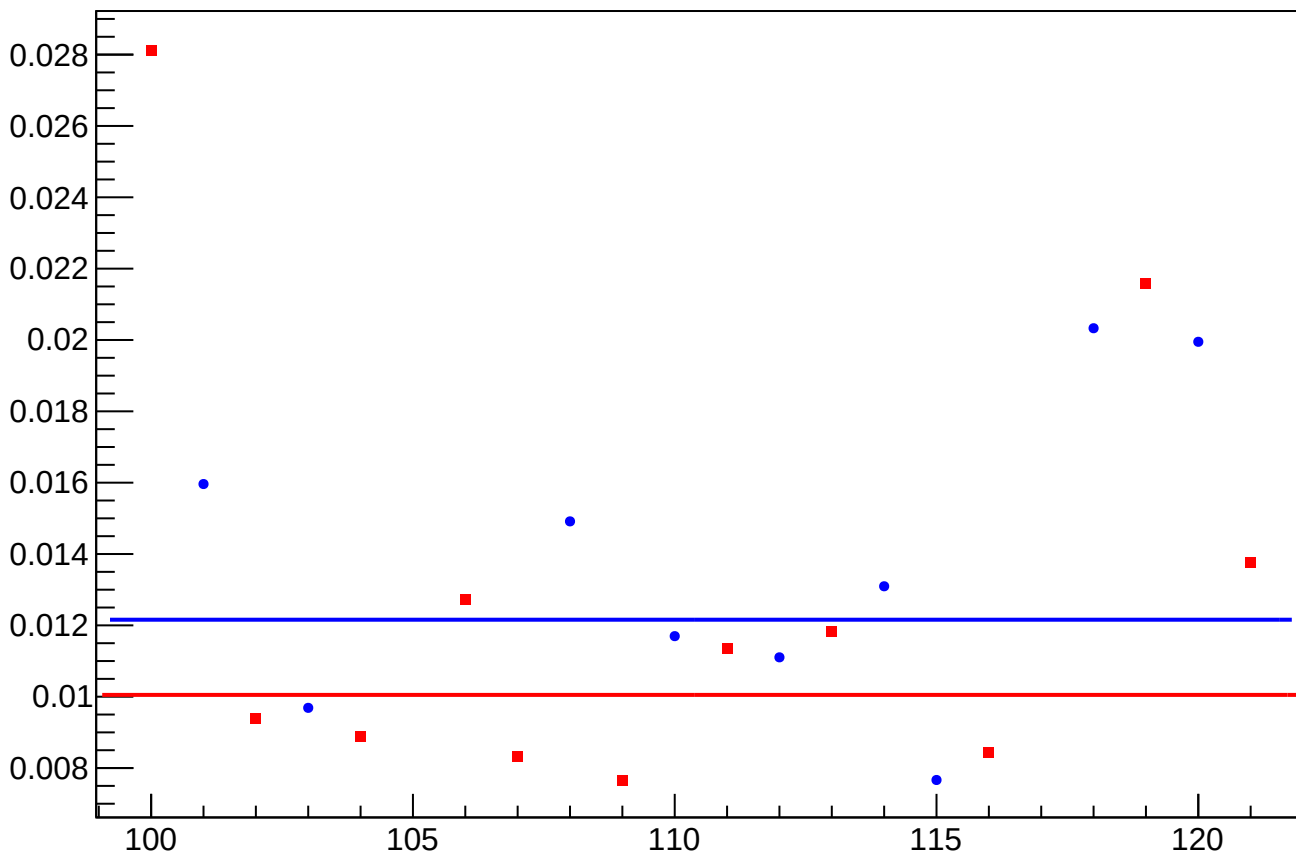
Right: -0.000 ± 0.000 χ^2/NDF : 19.4/19

In: -0.000 ± 0.000 χ^2/NDF : 9.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.4/19

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 566199.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 657641.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

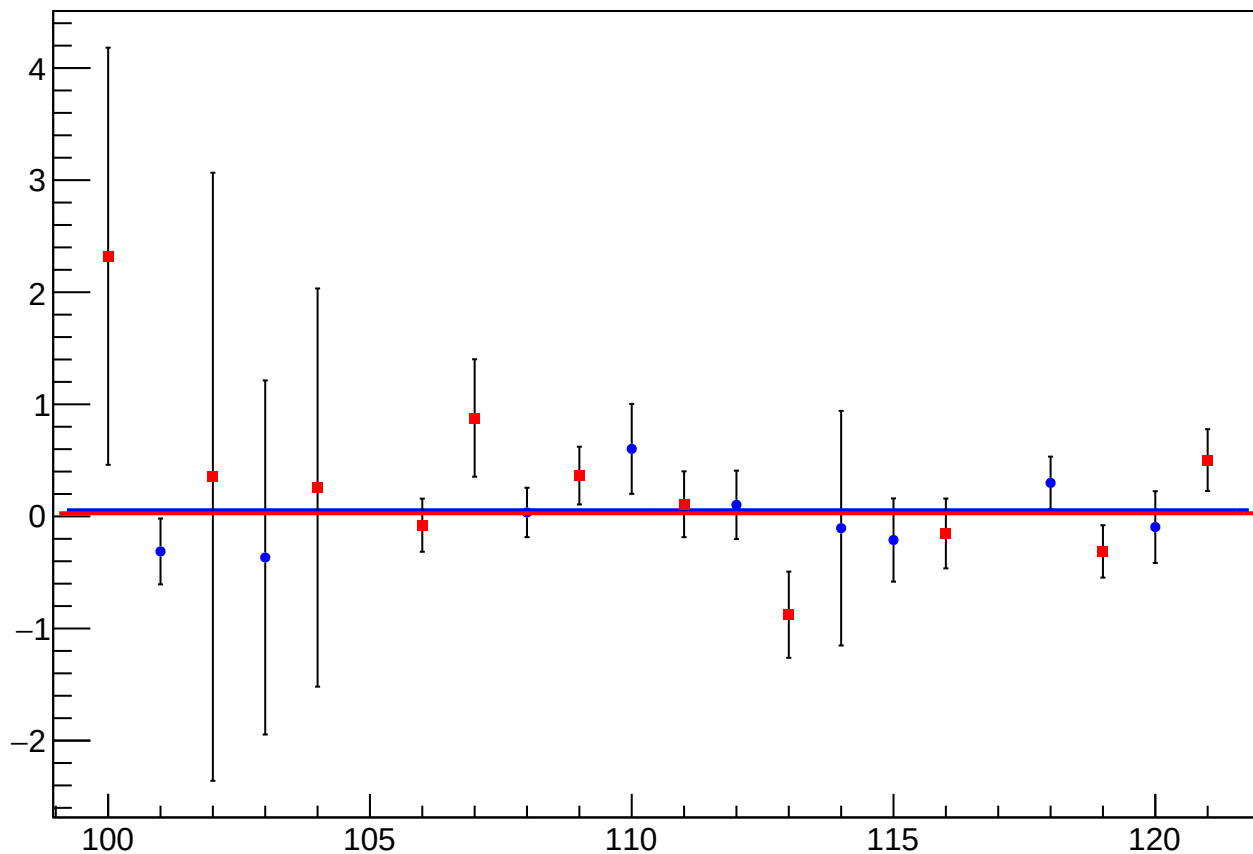
Right: 0.011+/-0.000 χ^2/NDF : 1352395.3/19

In: 0.012+/-0.000 χ^2/NDF :566199.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1352395.3/19

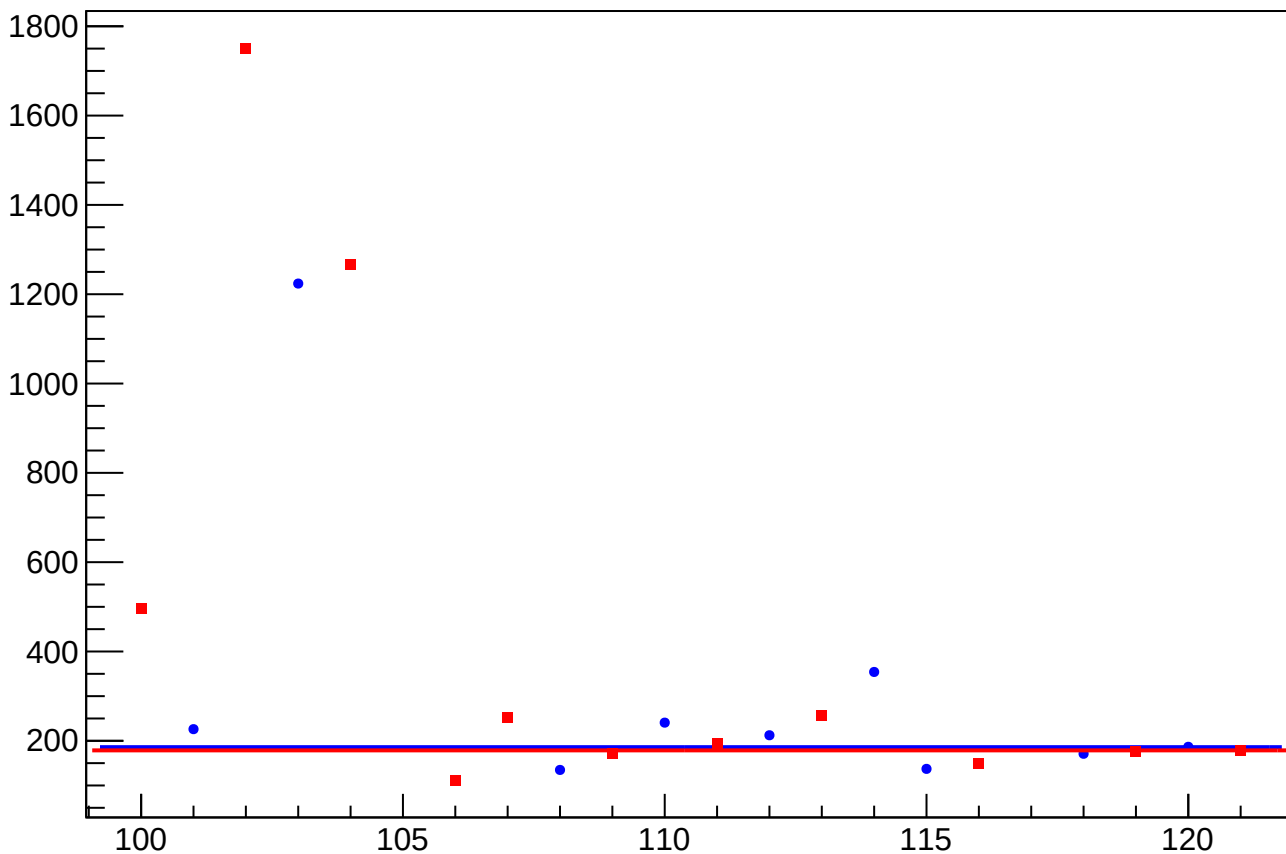
asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.041+/-0.074 χ^2/NDF : 22.5/19
 In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.041+/-0.074 χ^2/NDF : 22.5/19

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.598+/-0.072 χ^2/NDF : 1791281.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

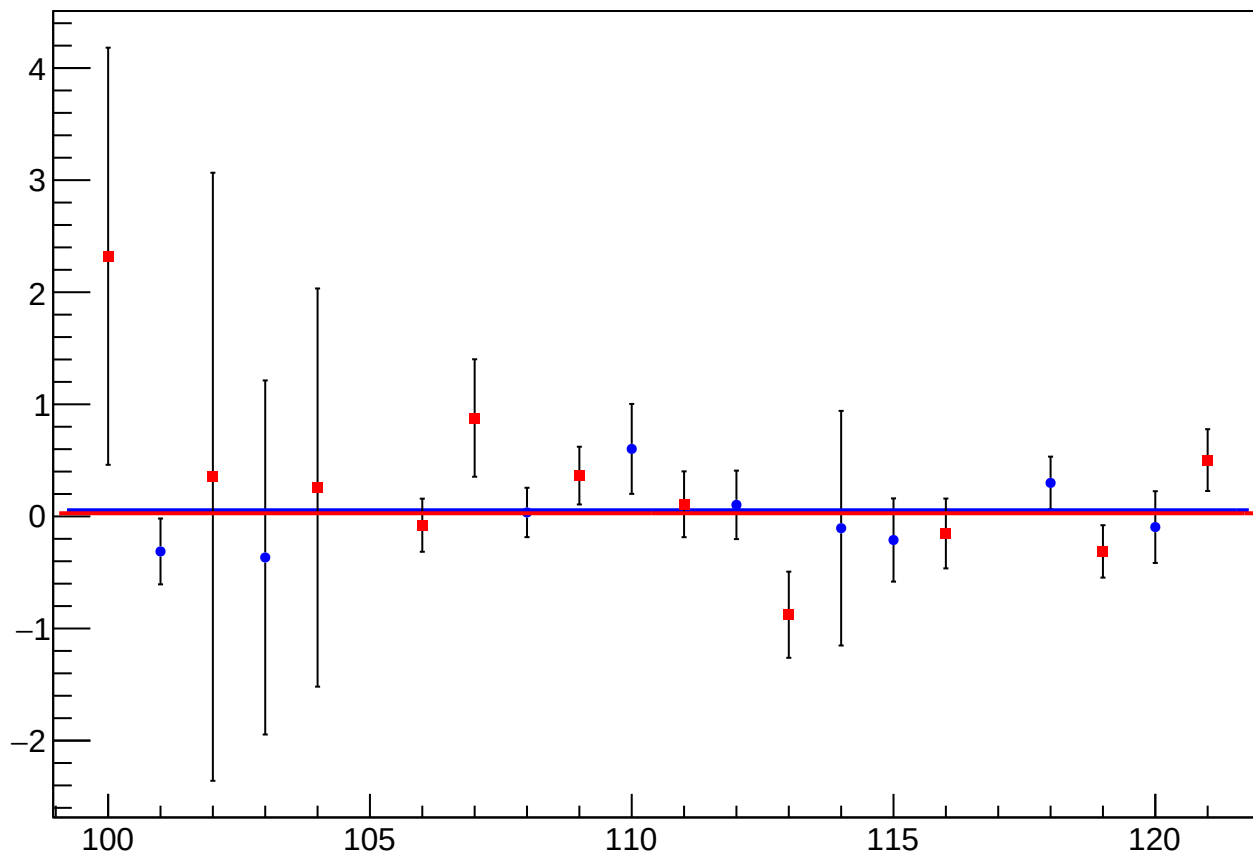
Right: 181.955+/-0.052 χ^2/NDF : 2951437.9/19

In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.955+/-0.052 χ^2/NDF : 2951437.9/19

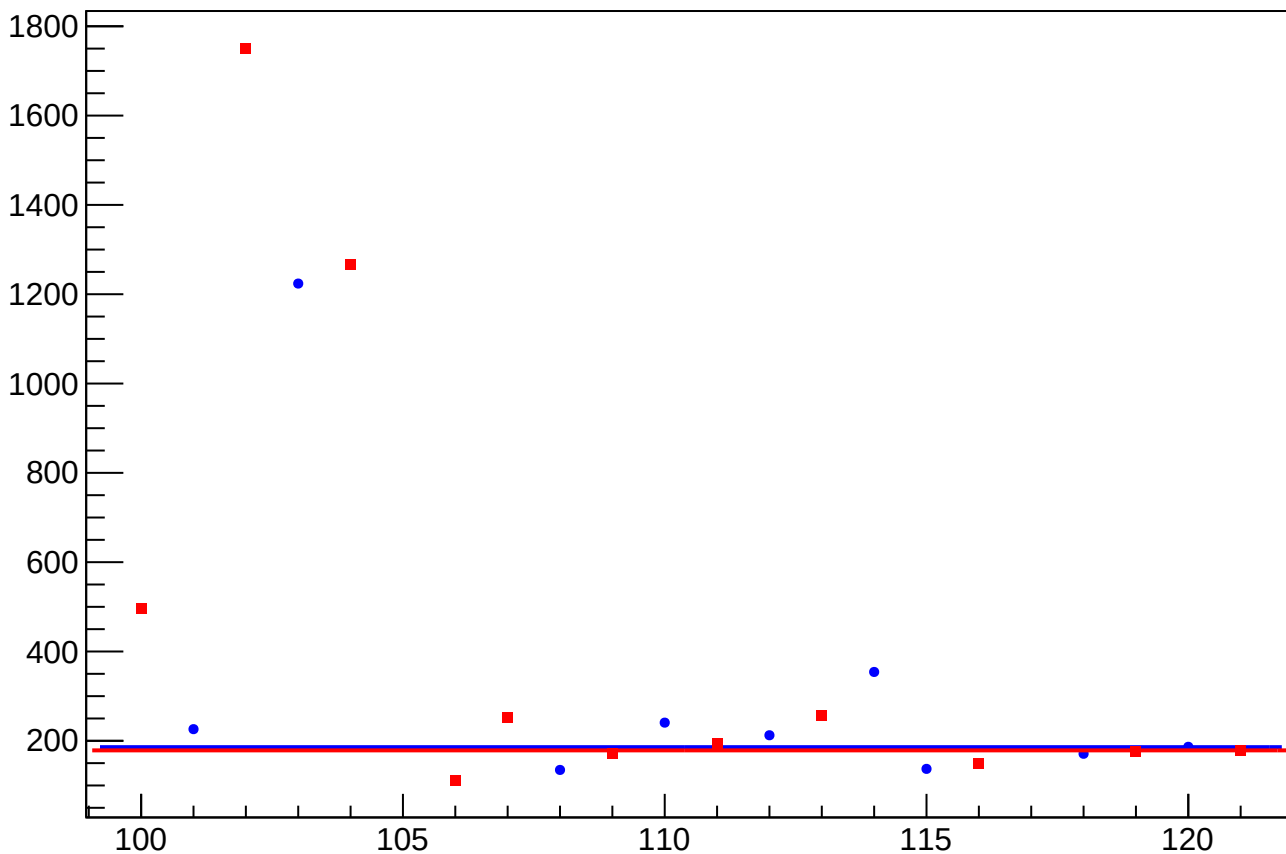
asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.041+/-0.074 χ^2/NDF : 22.5/19
 In: 0.055+/-0.108 χ^2/NDF : 5.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.041+/-0.074 χ^2/NDF : 22.5/19

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.598+/-0.072 χ^2/NDF : 1791281.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

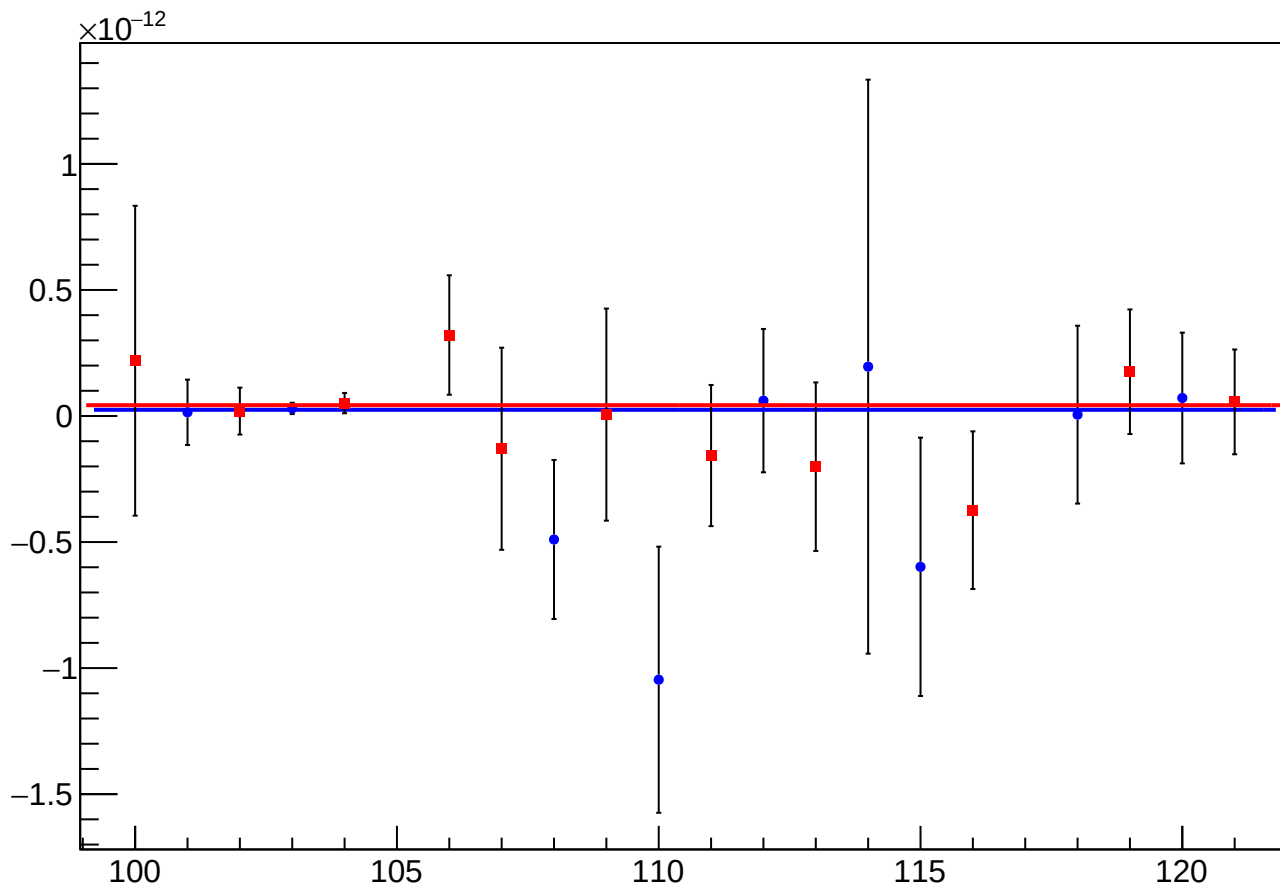
Right: 181.955+/-0.052 χ^2/NDF : 2951437.9/19

In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.955+/-0.052 χ^2/NDF : 2951437.9/19

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

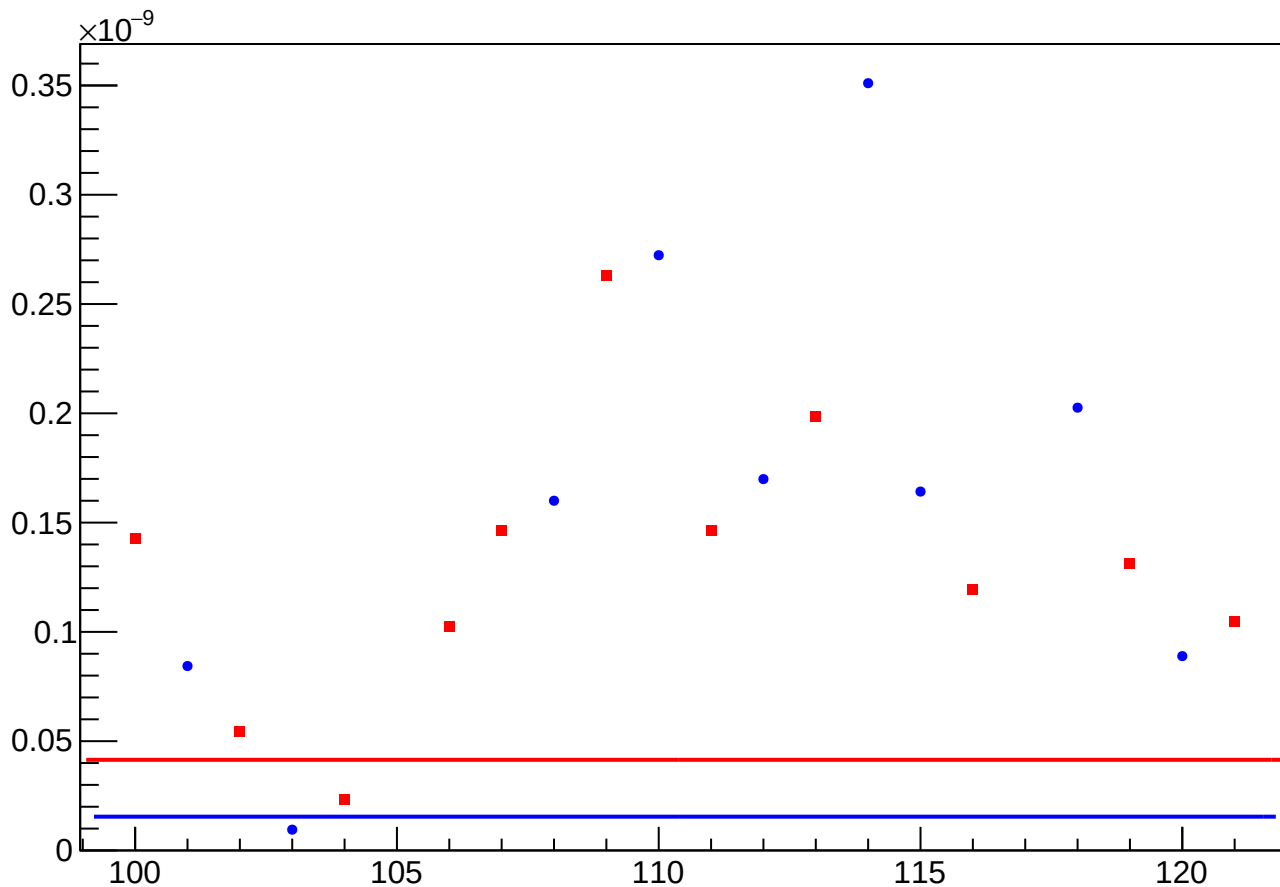
Right: 0.000+/-0.000 χ^2/NDF : 13.5/19

In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.5/19

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3255161.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2626972.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

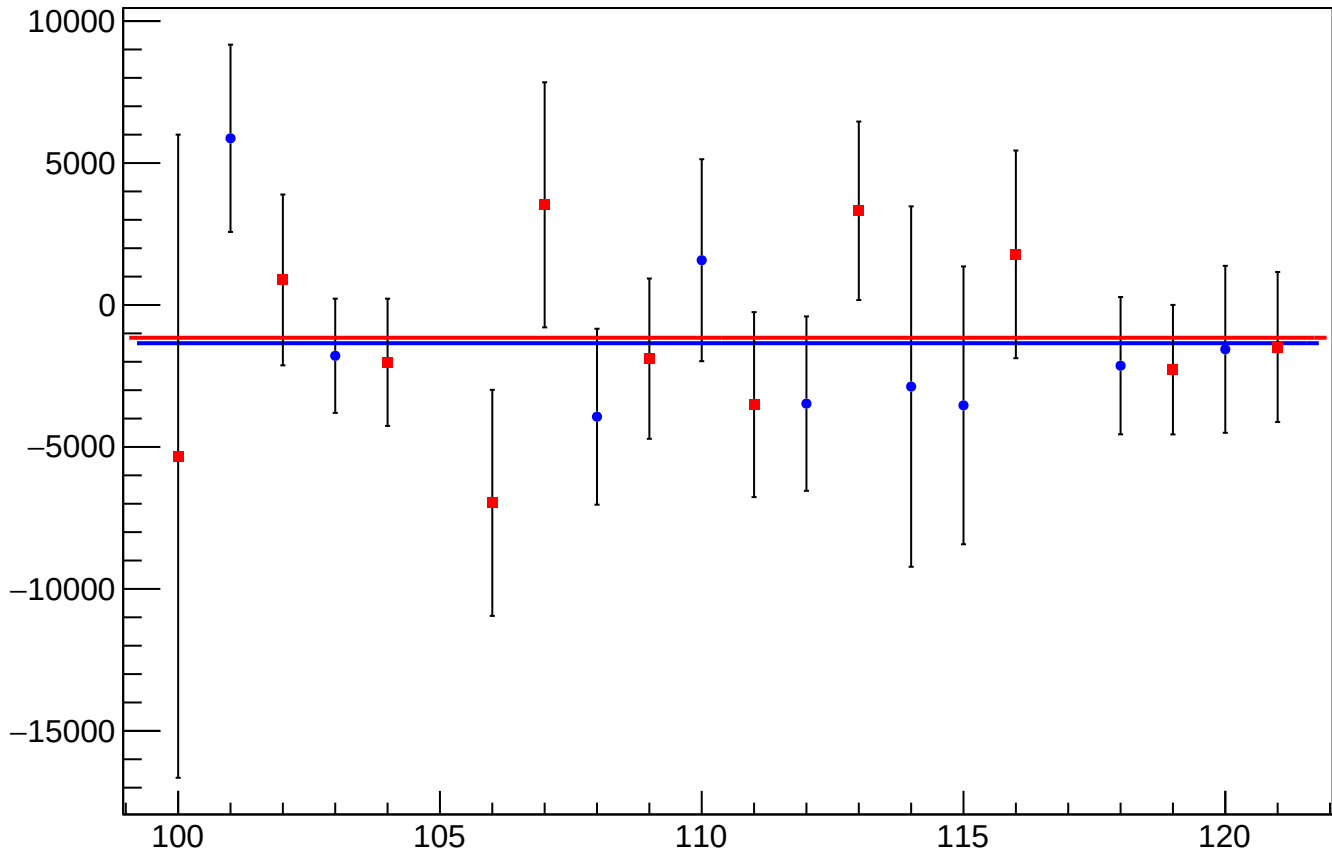
Right: 0.000+/-0.000 χ^2/NDF : 6690402.8/19

In: 0.000+/-0.000 χ^2/NDF : 3255161.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6690402.8/19

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1345.399 $\pm$ 1009.303 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1153.710 $\pm$ 926.329 χ^2 /NDF: 7.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

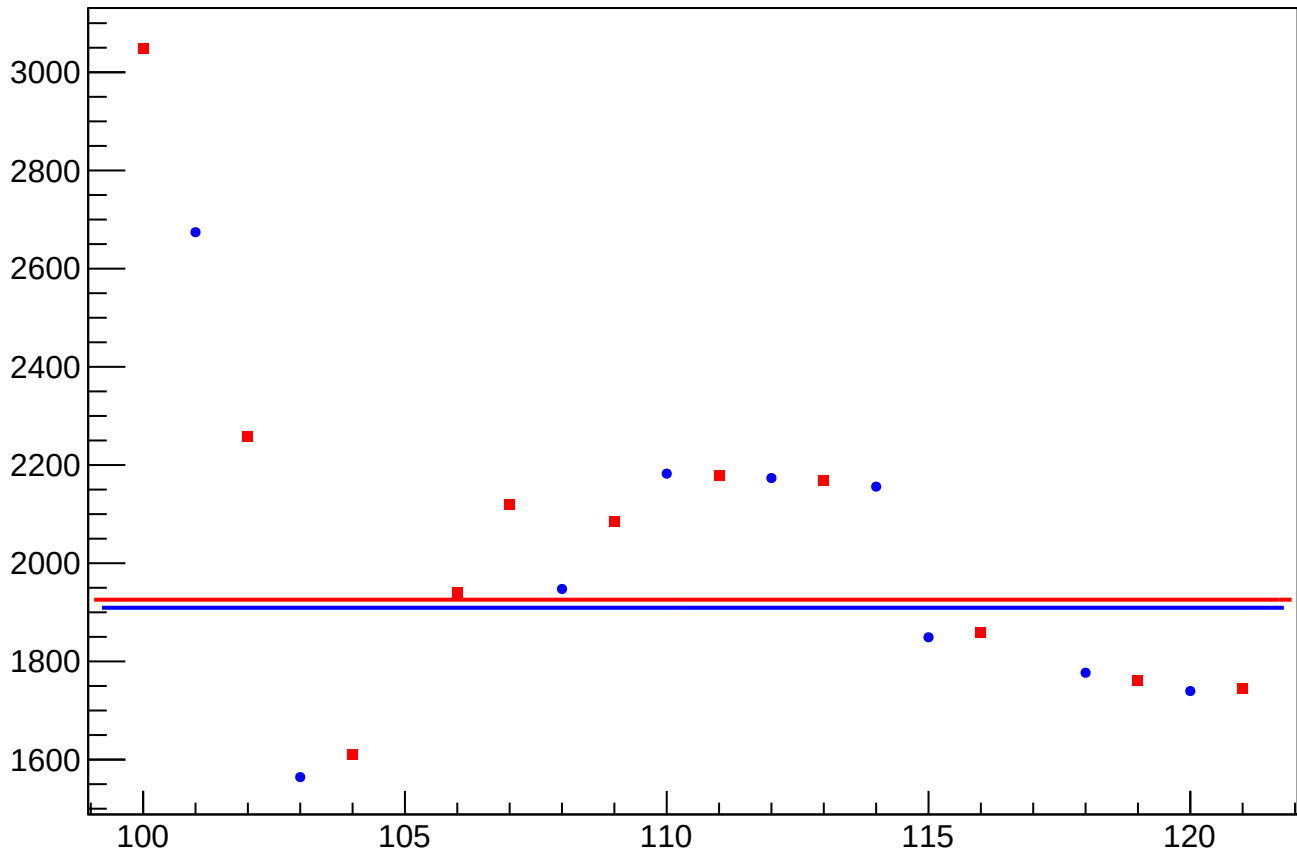
Right: -1241.353 $\pm$ 682.465 χ^2 /NDF: 14.7/19

In: -1345.399 $\pm$ 1009.303 χ^2 /NDF: 7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1241.353 $\pm$ 682.465 χ^2 /NDF: 14.7/19

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1909.303+/-0.714 χ^2/NDF : 209263.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1925.730+/-0.652 χ^2/NDF : 138817.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

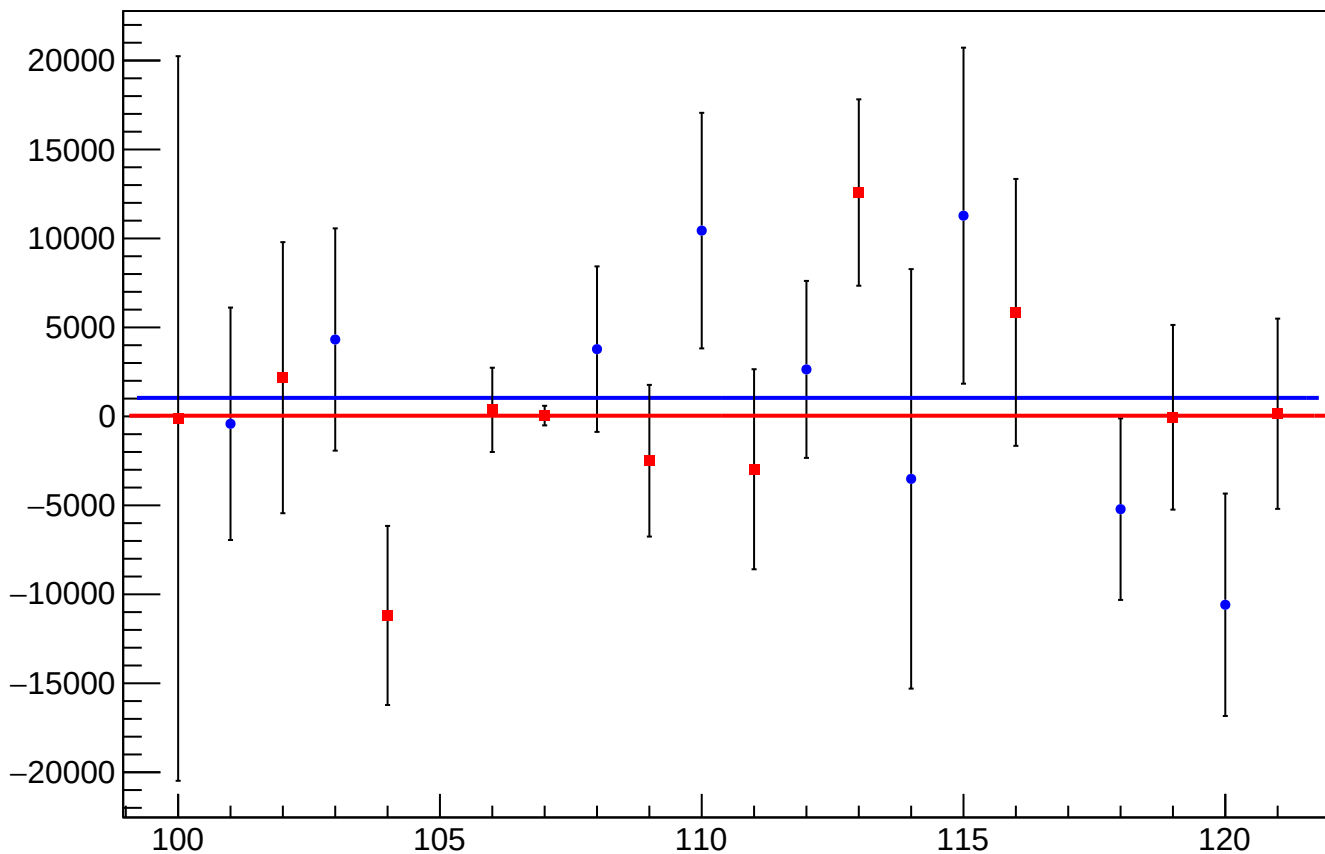
Right: 1918.252+/-0.482 χ^2/NDF : 348369.1/19

In: 1909.303+/-0.714 χ^2/NDF : 209263.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.252+/-0.482 χ^2/NDF : 348369.1/19

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1040.141+/-2037.076 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.149+/-516.301 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

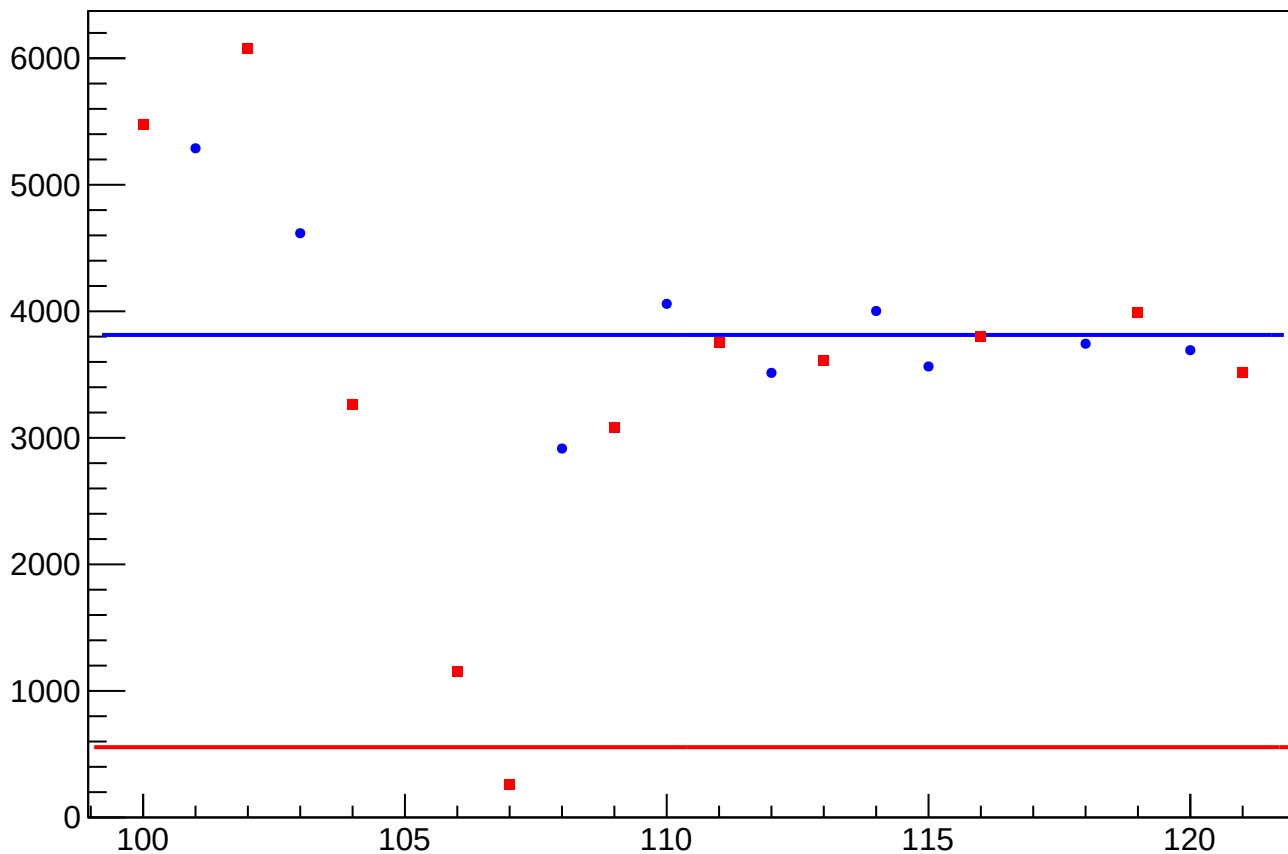
Right: 98.630+/-500.477 χ^2/NDF : 21.4/19

In: 1040.141+/-2037.076 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.630+/-500.477 χ^2/NDF : 21.4/19

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3813.279+/-1.440 χ^2/NDF : 222691.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.591+/-0.365 χ^2/NDF : 6330660.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

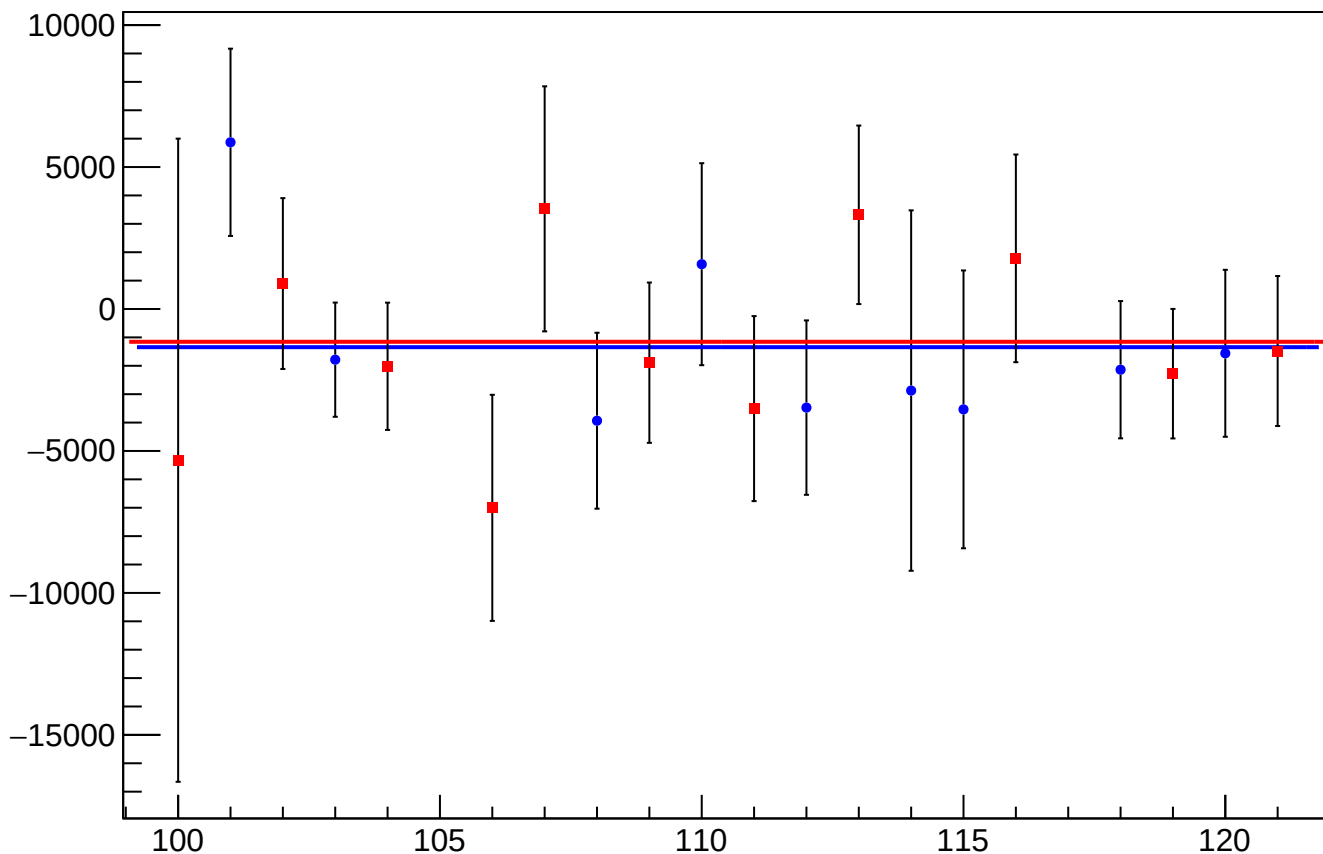
Right: 752.227+/-0.354 χ^2/NDF : 11359485.3/19

In: 3813.279+/-1.440 χ^2/NDF : 222691.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.227+/-0.354 χ^2/NDF : 11359485.3/19

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1344.428+/-1009.304 χ^2 /NDF: 7.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1154.380+/-926.333 χ^2 /NDF: 7.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

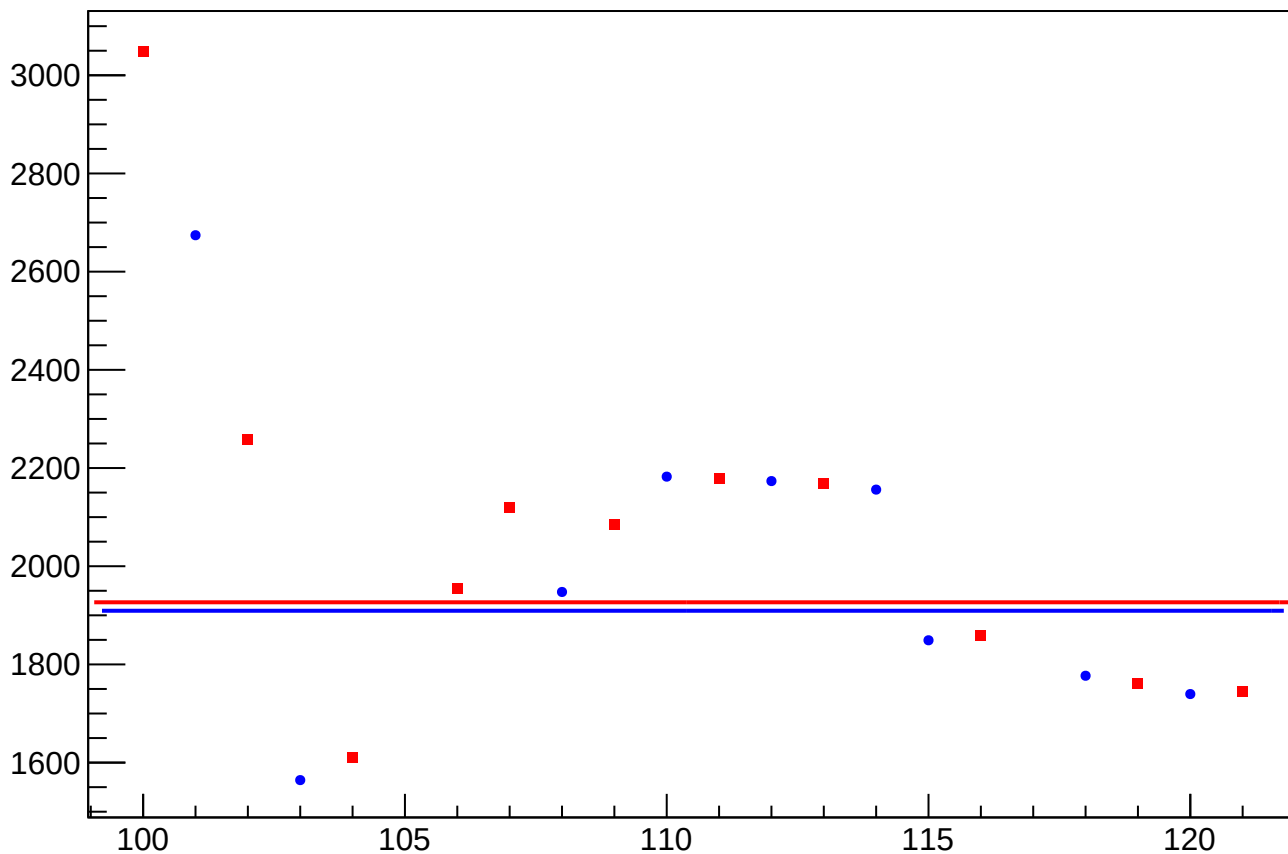
Right: -1241.273+/-682.467 χ^2 /NDF: 14.7/19

In: -1344.428+/-1009.304 χ^2 /NDF: 7.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1241.273+/-682.467 χ^2 /NDF: 14.7/19

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.545+/-0.653 χ^2/NDF : 138899.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

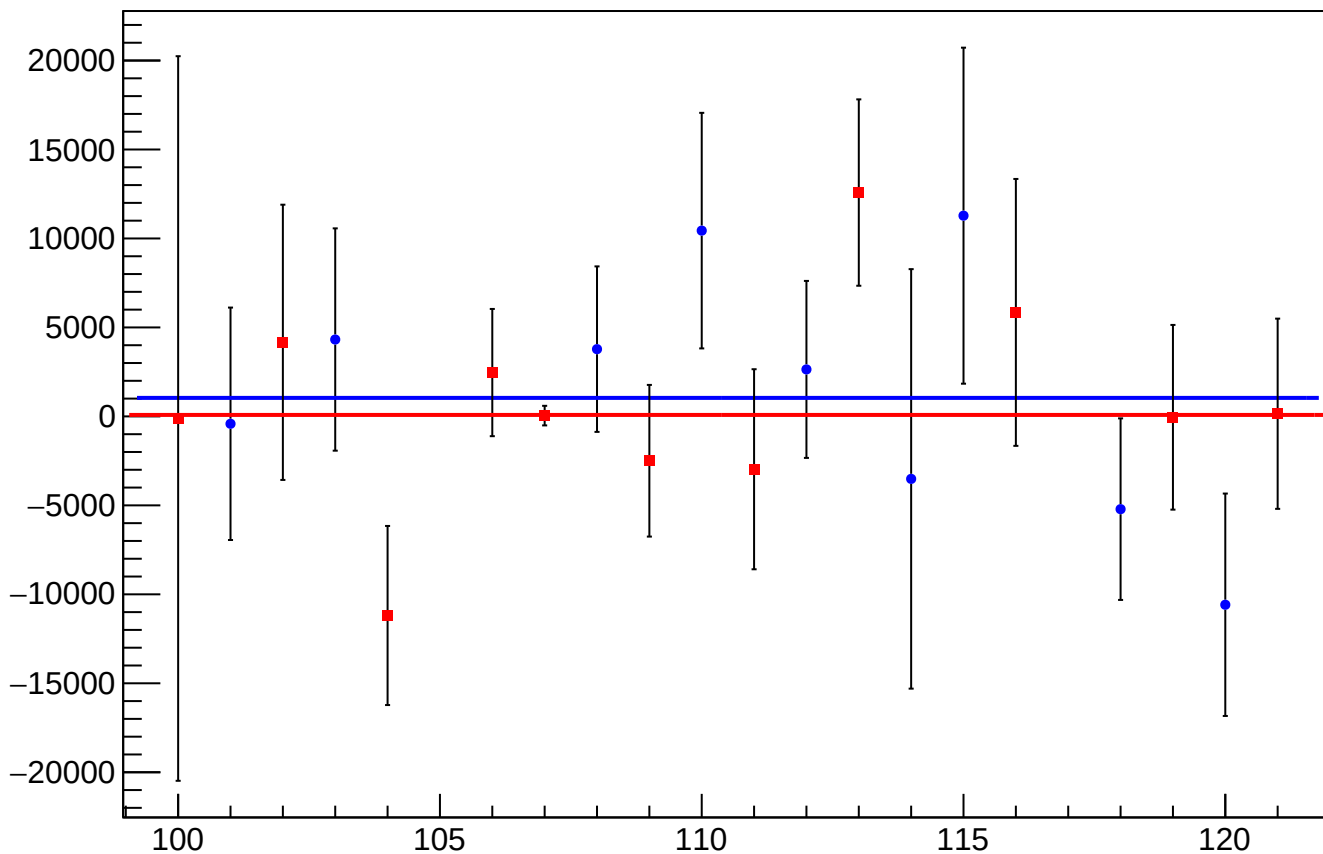
Right: 1918.693+/-0.482 χ^2/NDF : 348479.9/19

In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.693+/-0.482 χ^2/NDF : 348479.9/19

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.285+/-523.329 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

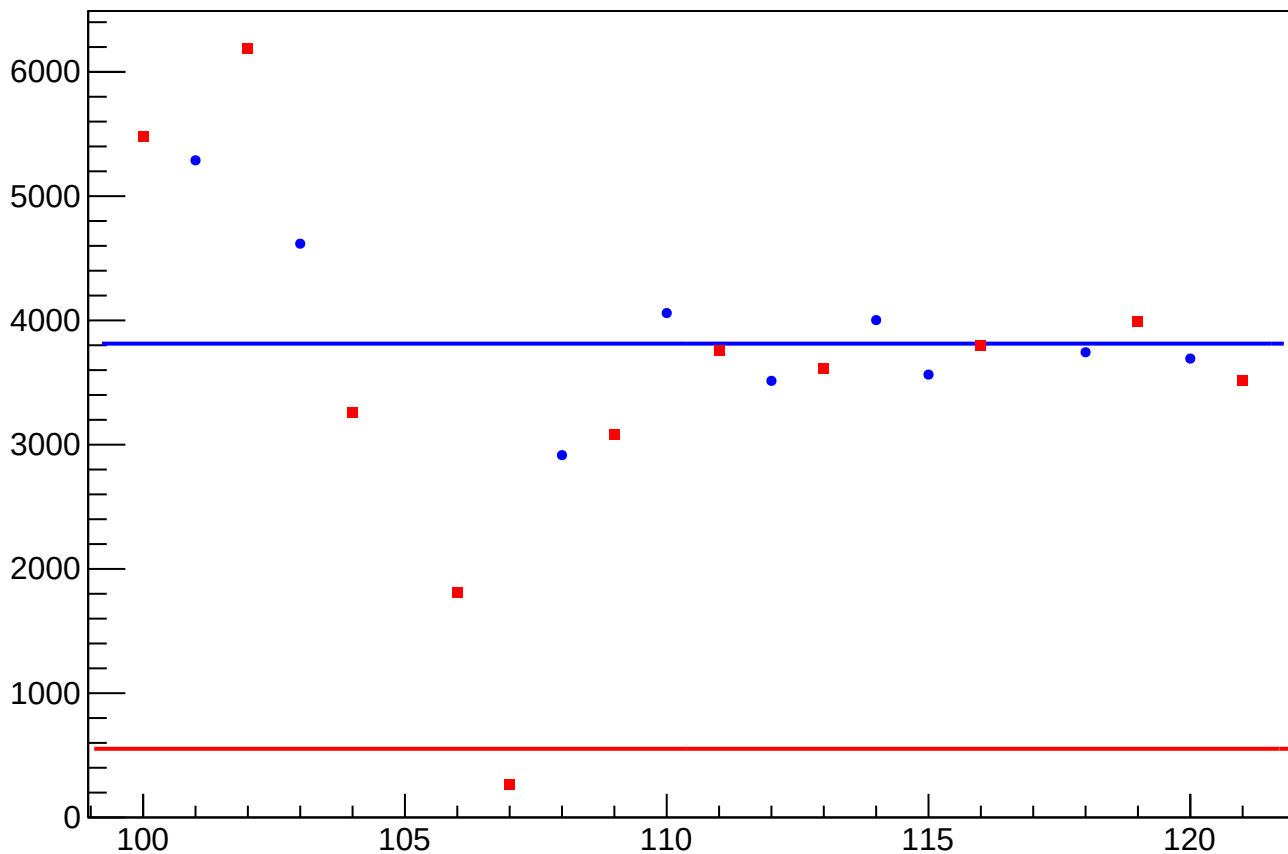
Right: 141.588+/-506.870 χ^2/NDF : 22.0/19

In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.588+/-506.870 χ^2/NDF : 22.0/19

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3813.297+/-1.440 χ^2/NDF : 222713.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.792+/-0.370 χ^2/NDF : 6457620.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

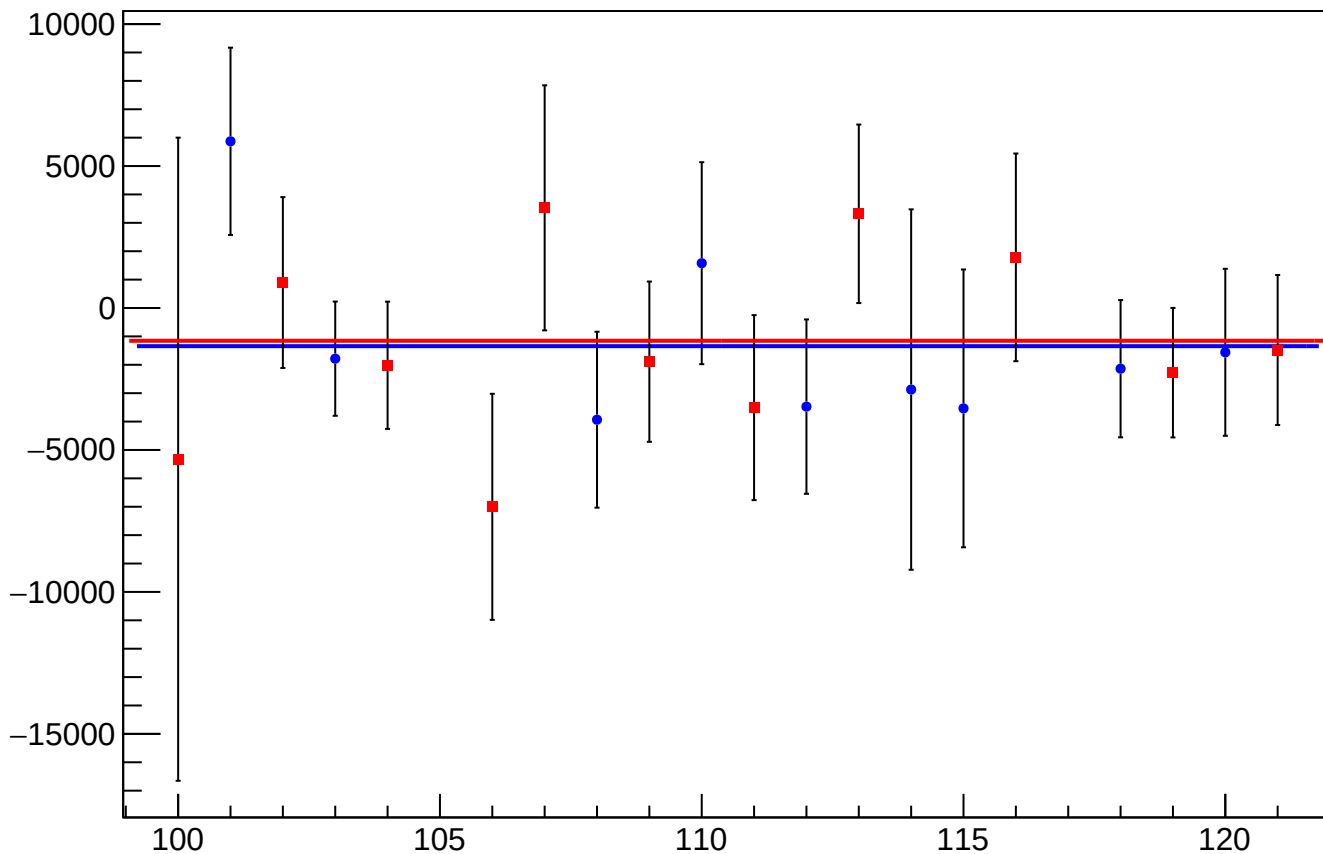
Right: 754.655+/-0.358 χ^2/NDF : 11486761.0/19

In: 3813.297+/-1.440 χ^2/NDF : 222713.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.655+/-0.358 χ^2/NDF : 11486761.0/19

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1344.428+/-1009.304 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1154.380+/-926.333 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

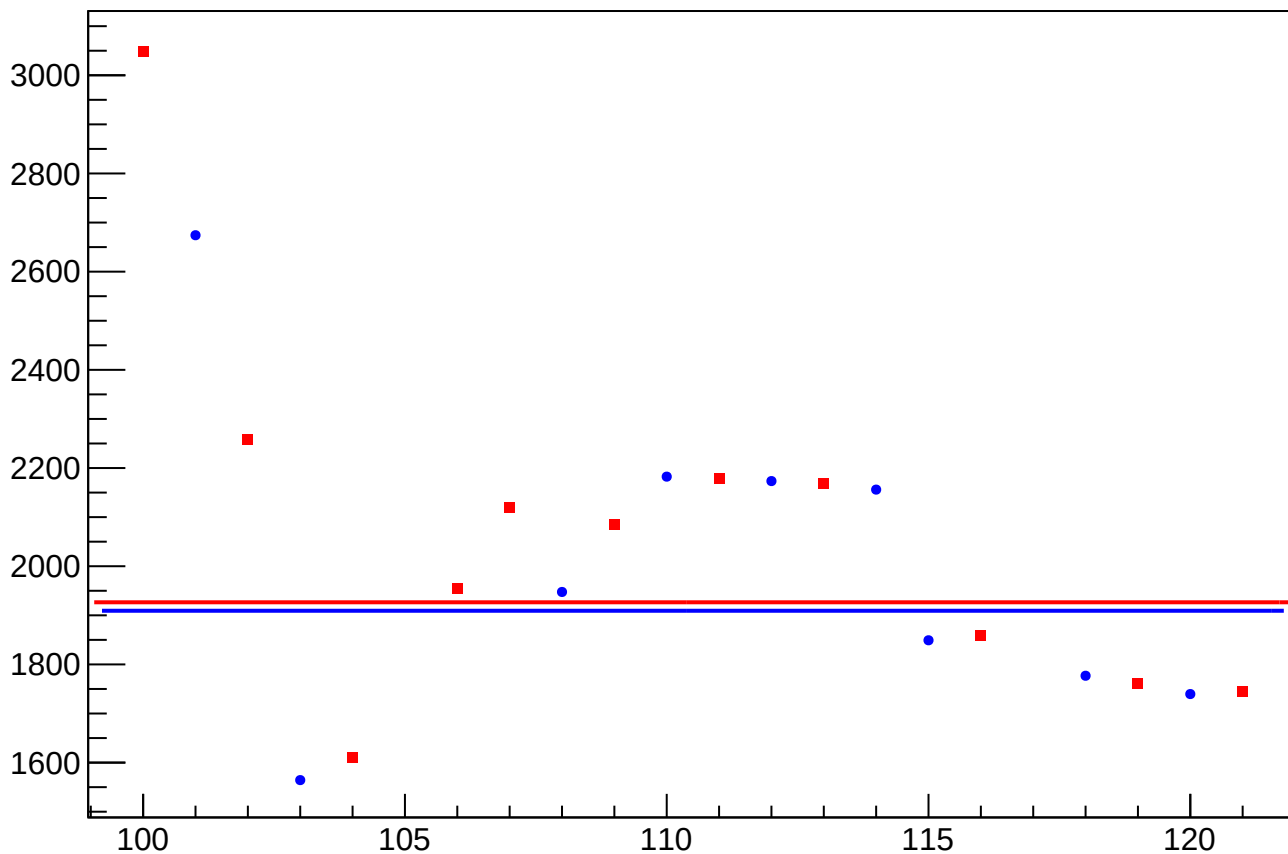
Right: -1241.273+/-682.467 χ^2/NDF : 14.7/19

In: -1344.428+/-1009.304 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1241.273+/-682.467 χ^2/NDF : 14.7/19

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.545+/-0.653 χ^2/NDF : 138899.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

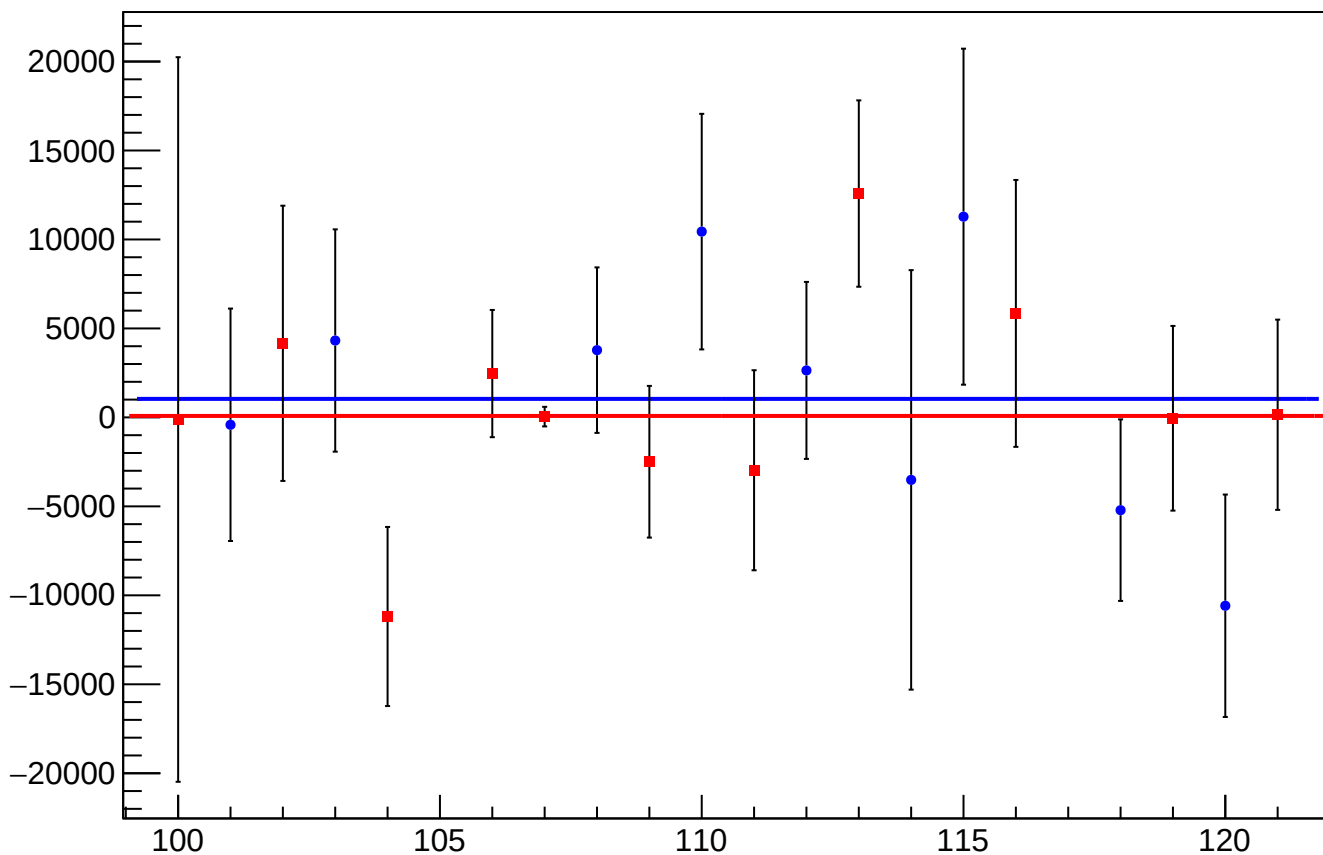
Right: 1918.693+/-0.482 χ^2/NDF : 348479.9/19

In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.693+/-0.482 χ^2/NDF : 348479.9/19

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.285+/-523.329 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

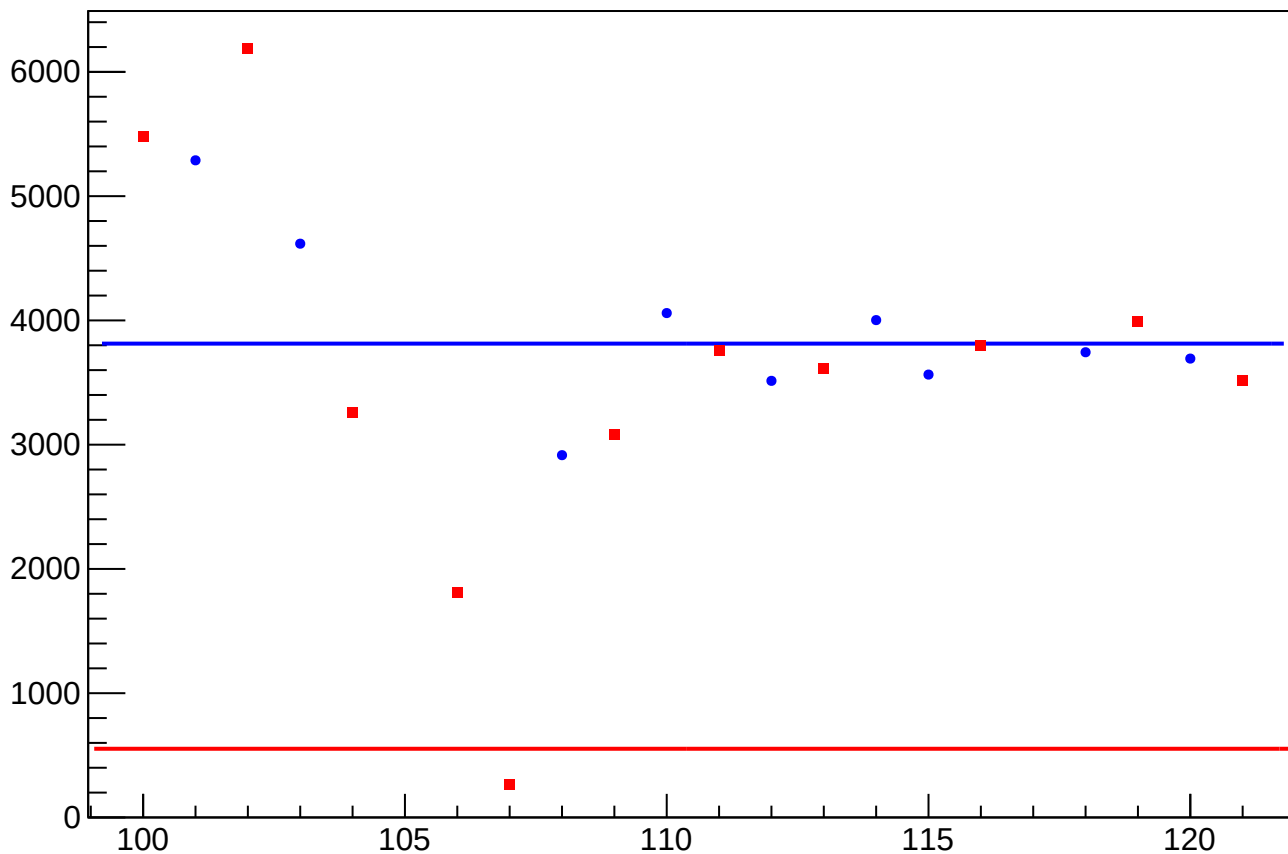
Right: 141.588+/-506.870 χ^2/NDF : 22.0/19

In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.588+/-506.870 χ^2/NDF : 22.0/19

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3813.297 $\pm$ 1.440 χ^2 /NDF: 222713.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 552.792 $\pm$ 0.370 χ^2 /NDF: 6457620.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

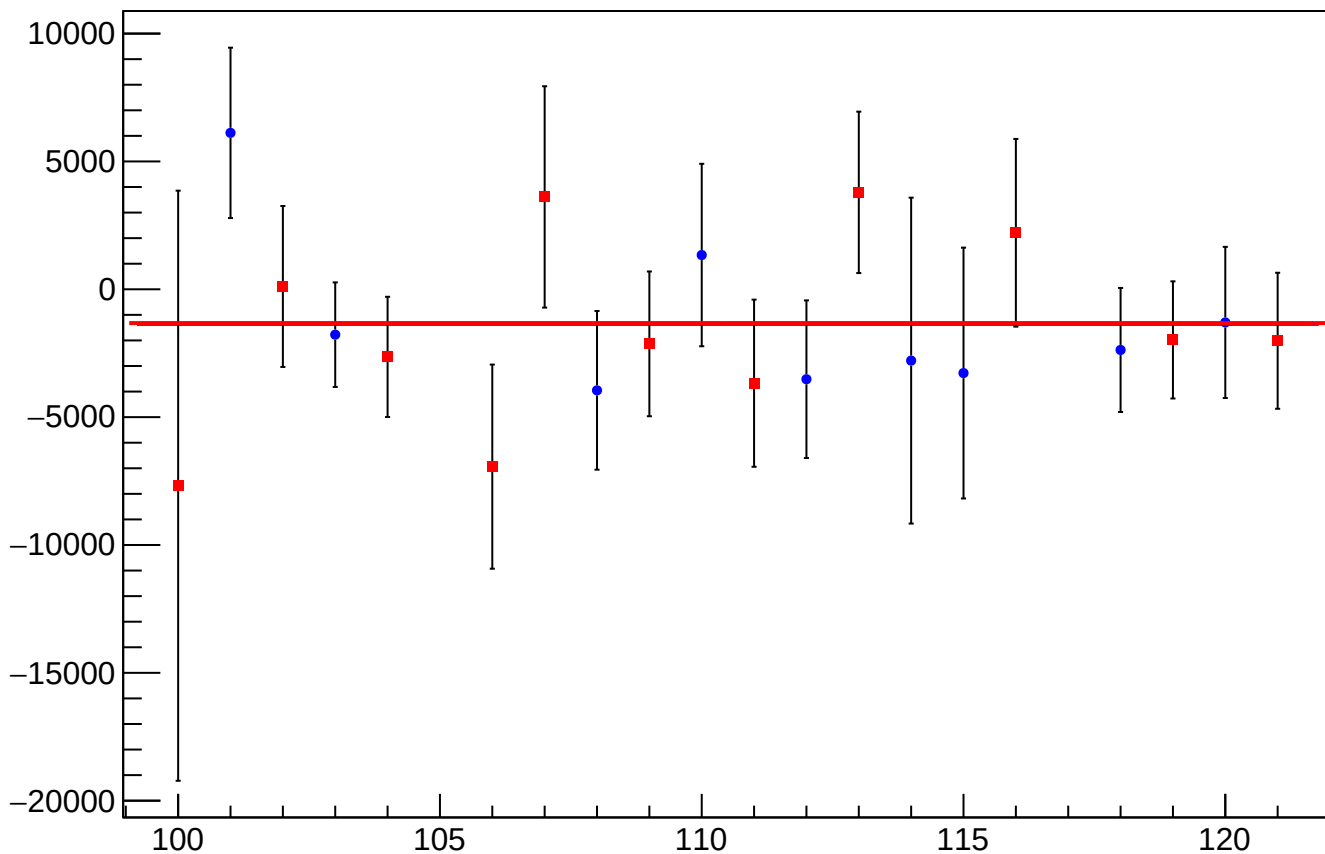
Right: 754.655 $\pm$ 0.358 χ^2 /NDF: 11486761.0/19

In: 3813.297 $\pm$ 1.440 χ^2 /NDF:222713.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 754.655 $\pm$ 0.358 χ^2 /NDF: 11486761.0/19

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1348.781+/-1016.643 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.058+/-940.462 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

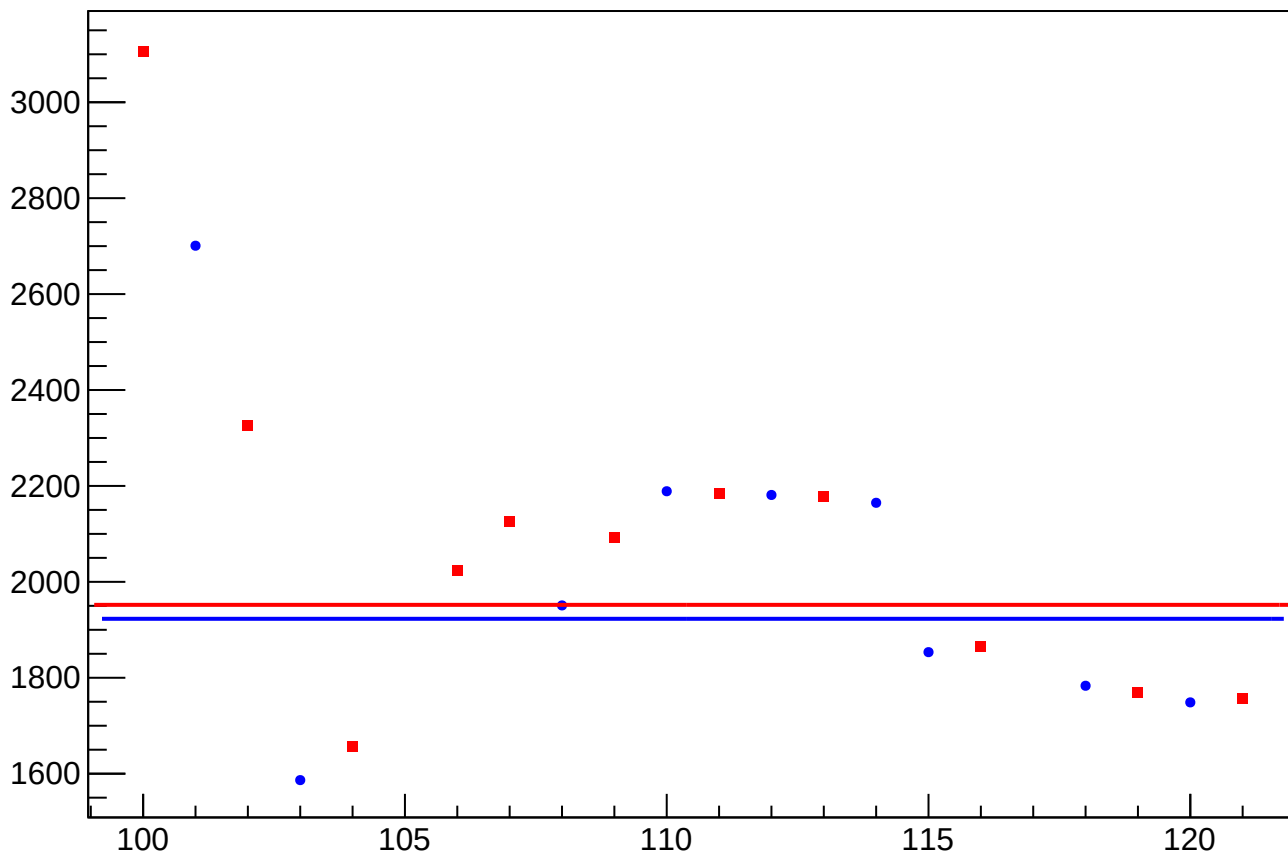
Right: -1334.381+/-690.370 χ^2/NDF : 15.6/19

In: -1348.781+/-1016.643 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1334.381+/-690.370 χ^2/NDF : 15.6/19

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1922.949+/-0.719 χ^2/NDF : 205325.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.037+/-0.664 χ^2/NDF : 133657.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

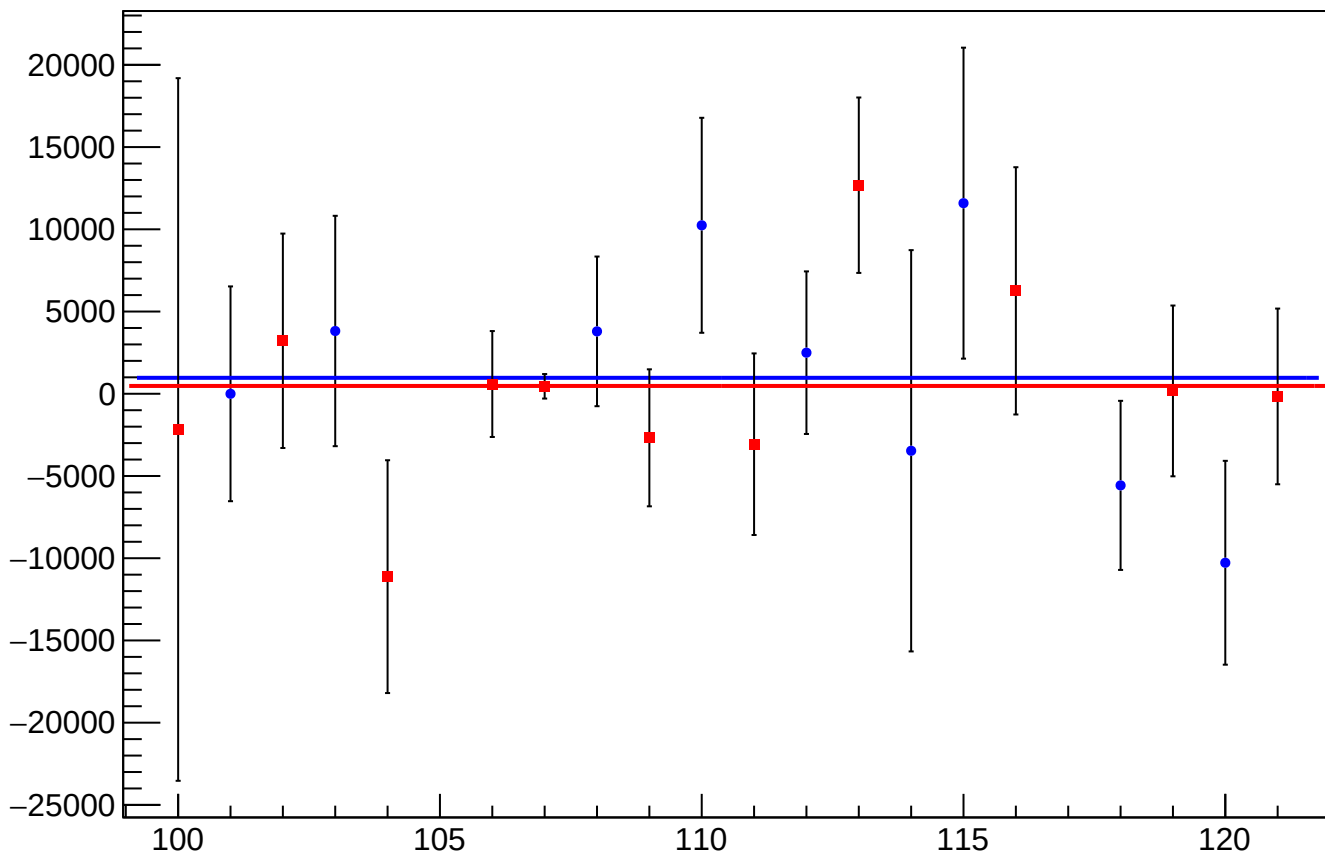
Right: 1938.645+/-0.488 χ^2/NDF : 339866.2/19

In: 1922.949+/-0.719 χ^2/NDF : 205325.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1938.645+/-0.488 χ^2/NDF : 339866.2/19

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 969.811+/-2048.738 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 475.400+/-681.069 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

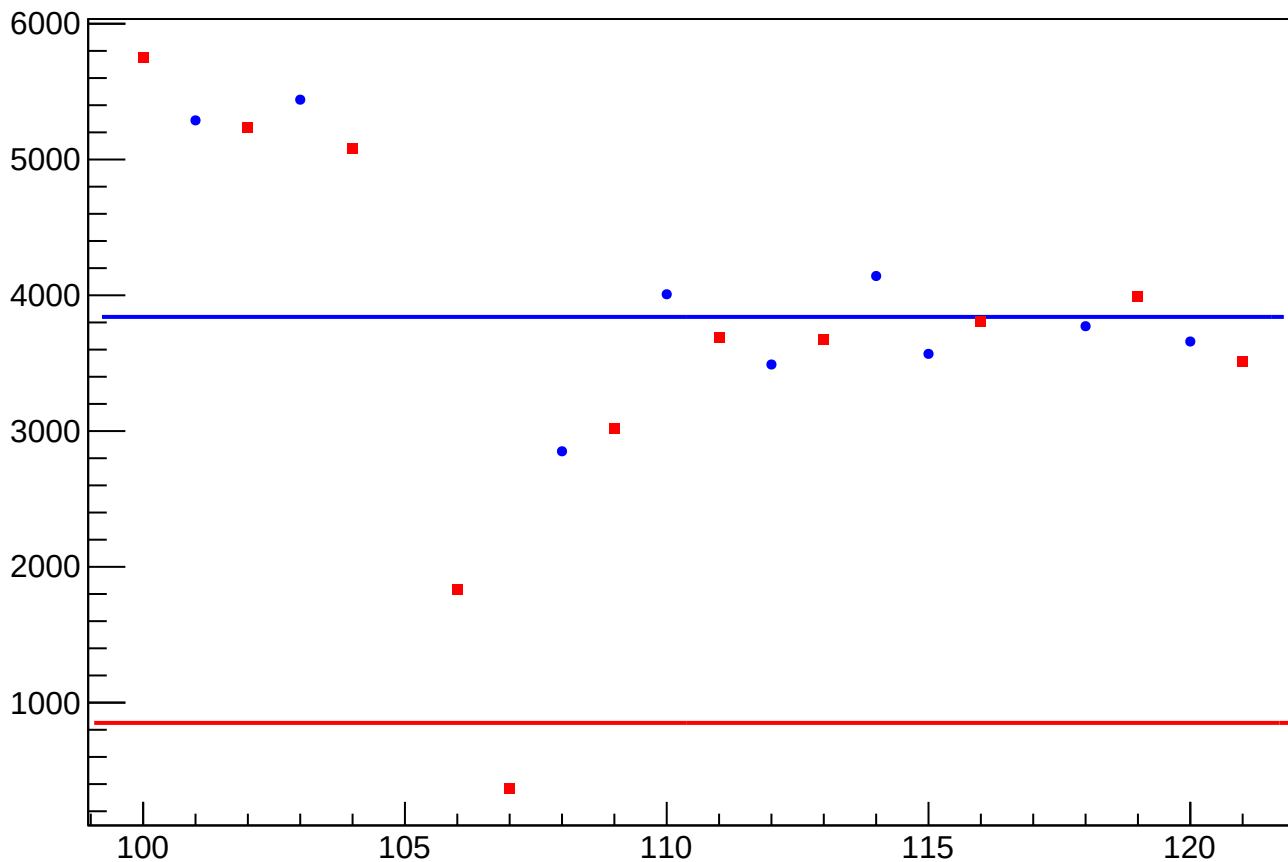
Right: 524.601+/-646.293 χ^2/NDF : 18.8/19

In: 969.811+/-2048.738 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.601+/-646.293 χ^2/NDF : 18.8/19

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3840.823+/-1.449 χ^2/NDF : 313567.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.765+/-0.482 χ^2/NDF : 5921528.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

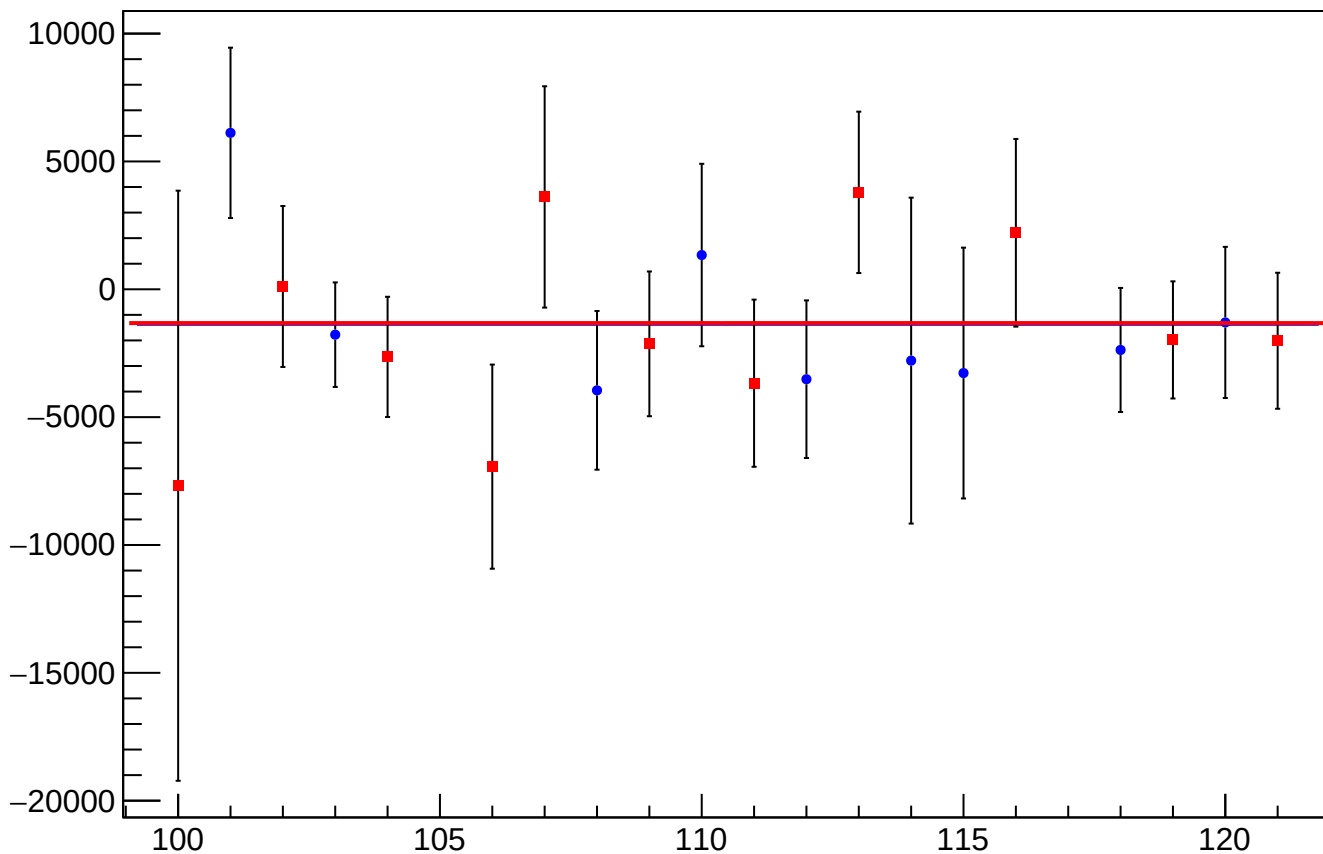
Right: 1148.319+/-0.457 χ^2/NDF : 10071223.4/19

In: 3840.823+/-1.449 χ^2/NDF : 313567.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.319+/-0.457 χ^2/NDF : 10071223.4/19

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1348.774+/-1016.643 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.065+/-940.462 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

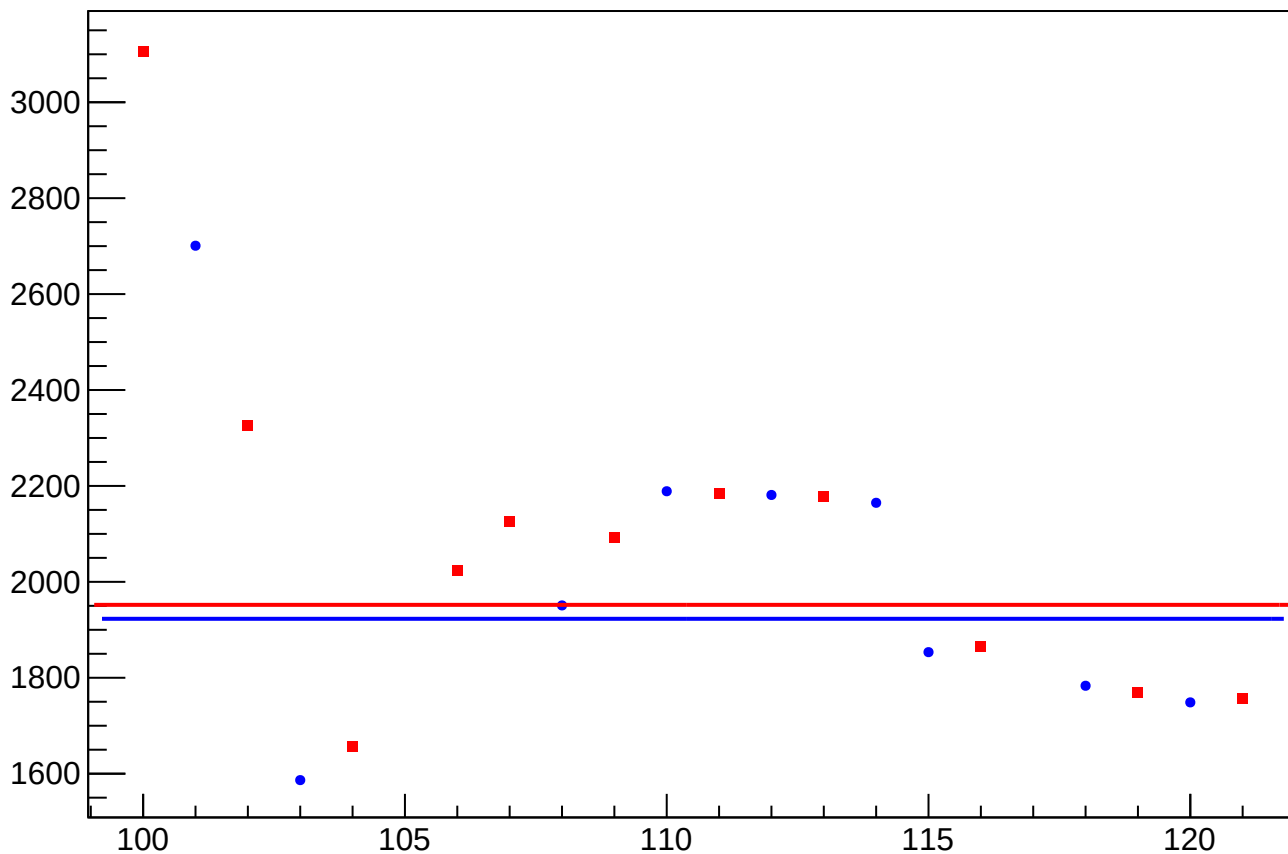
Right: -1334.382+/-690.370 χ^2/NDF : 15.6/19

In: -1348.774+/-1016.643 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1334.382+/-690.370 χ^2/NDF : 15.6/19

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1922.949+/-0.719 χ^2/NDF : 205325.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.037+/-0.664 χ^2/NDF : 133657.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

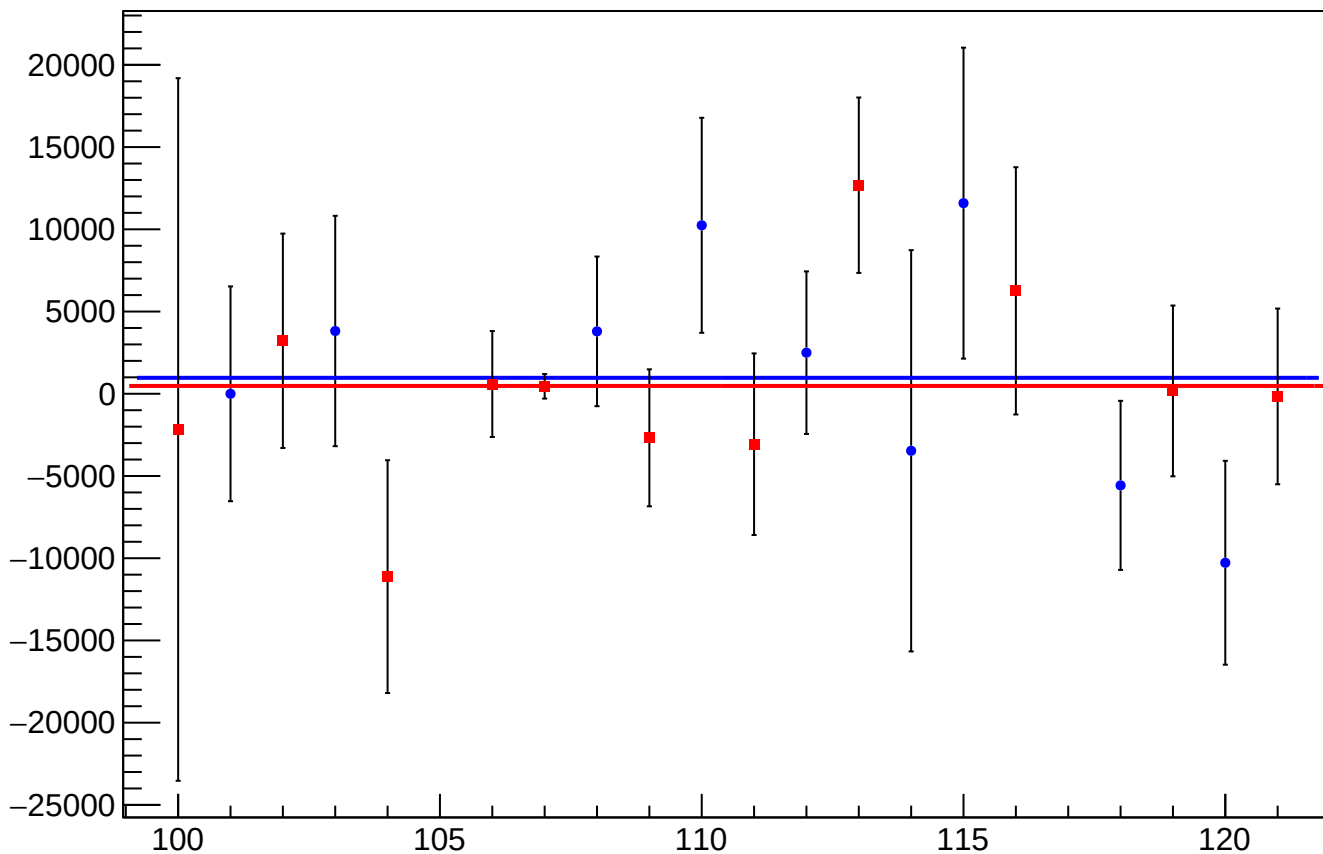
Right: 1938.645+/-0.488 χ^2/NDF : 339866.0/19

In: 1922.949+/-0.719 χ^2/NDF : 205325.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1938.645+/-0.488 χ^2/NDF : 339866.0/19

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 969.803+/-2048.735 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.407+/-681.081 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

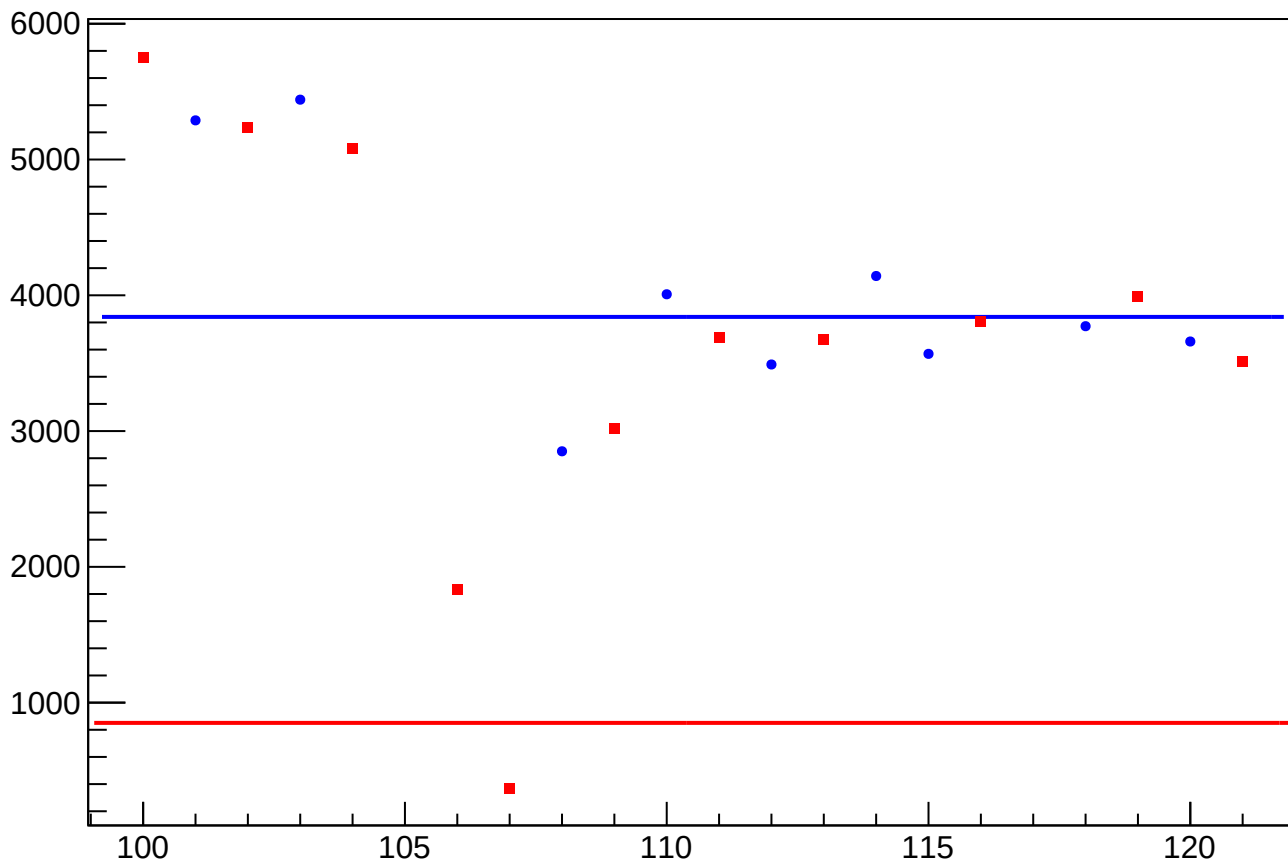
Right: 524.609+/-646.303 χ^2/NDF : 18.8/19

In: 969.803+/-2048.735 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.609+/-646.303 χ^2/NDF : 18.8/19

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3840.817+/-1.449 χ^2/NDF : 313567.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.790+/-0.482 χ^2/NDF : 5921458.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

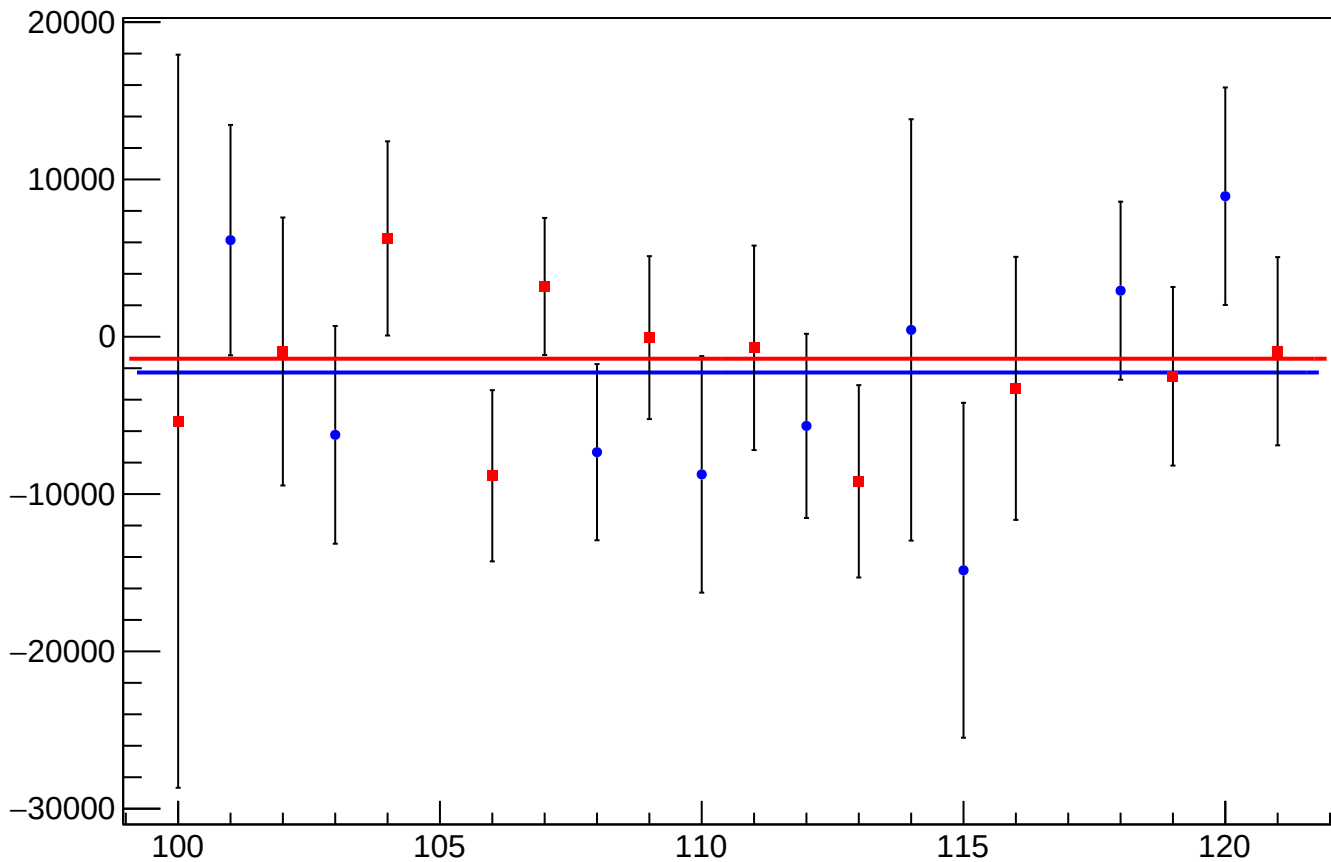
Right: 1148.351+/-0.457 χ^2/NDF : 10071071.2/19

In: 3840.817+/-1.449 χ^2/NDF : 313567.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.351+/-0.457 χ^2/NDF : 10071071.2/19

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2271.545+/-2325.926 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1395.759+/-1859.272 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

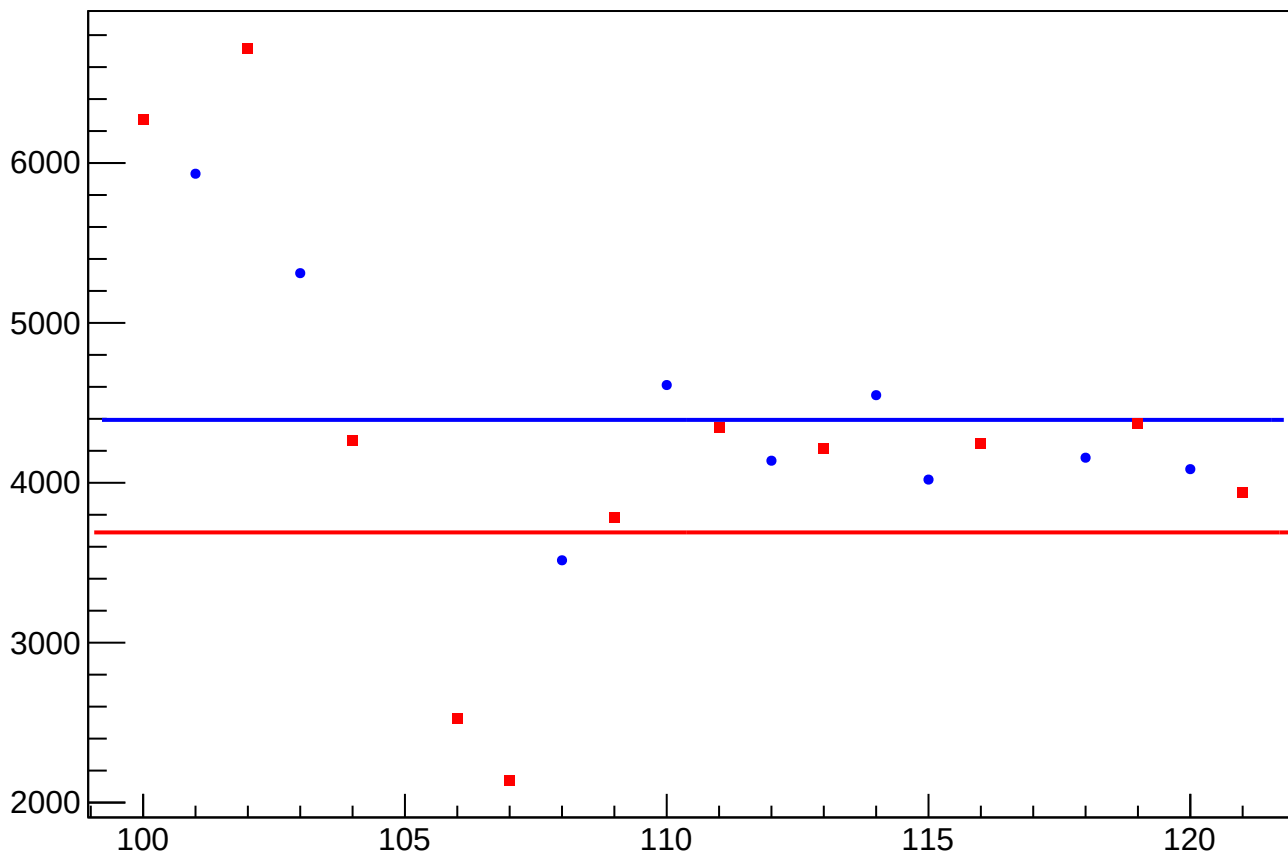
Right: -1737.200+/-1452.295 χ^2/NDF : 14.9/19

In: -2271.545+/-2325.926 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1737.200+/-1452.295 χ^2/NDF : 14.9/19

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4393.476+/-1.645 χ^2/NDF : 188417.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3689.638+/-1.296 χ^2/NDF : 738367.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

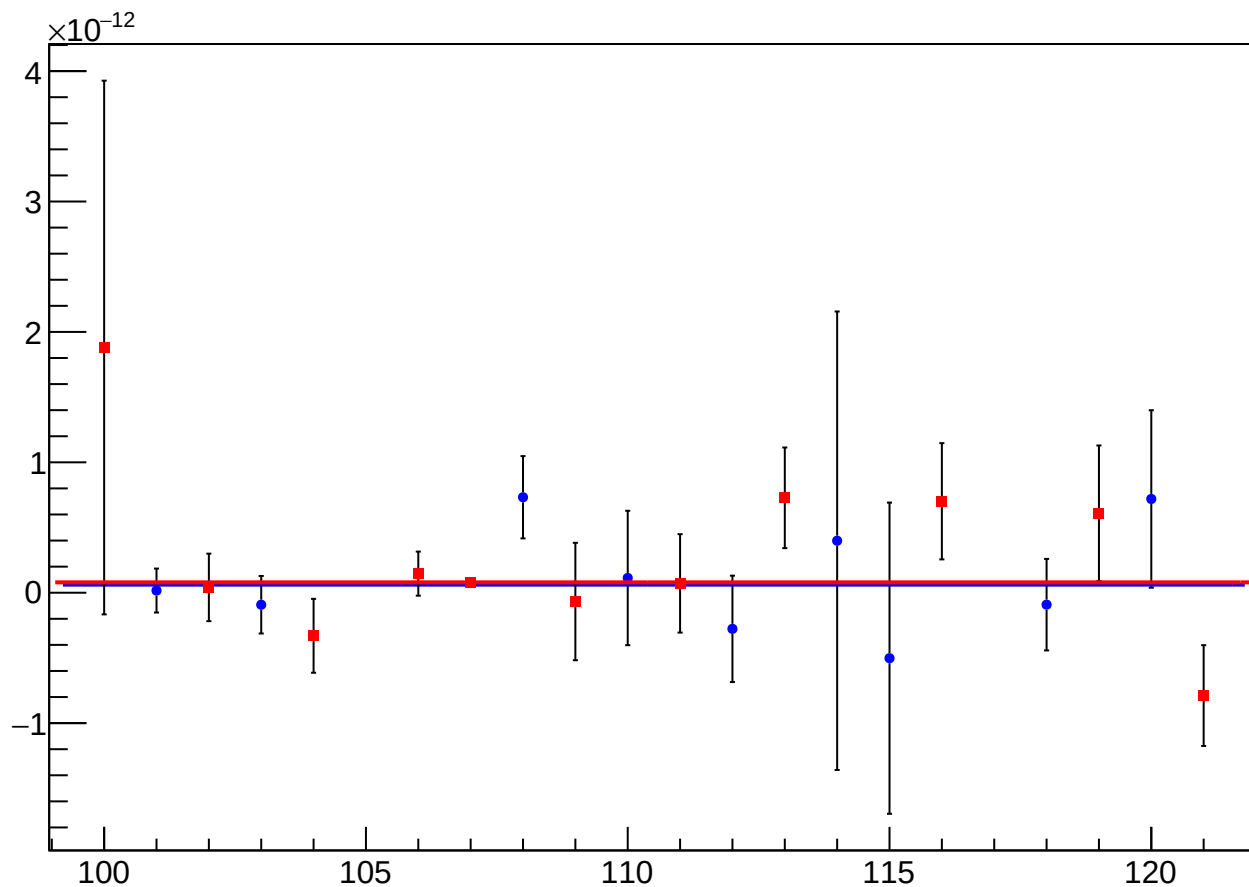
Right: 3959.258+/-1.018 χ^2/NDF : 1039768.5/19

In: 4393.476+/-1.645 χ^2/NDF : 188417.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3959.258+/-1.018 χ^2/NDF : 1039768.5/19

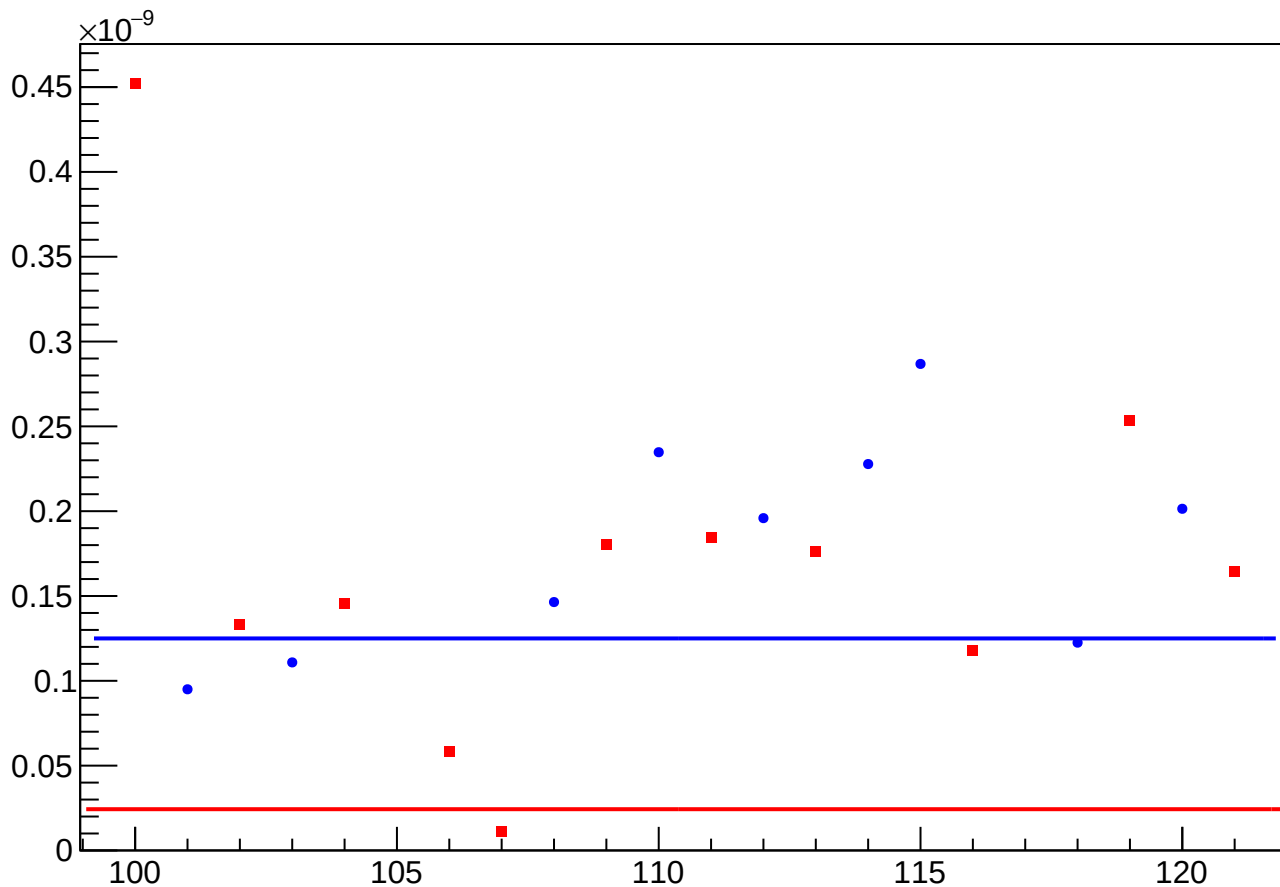
asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 21.2/19
 In: 0.000+/-0.000 χ^2/NDF : 7.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 21.2/19

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 300951.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2787622.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

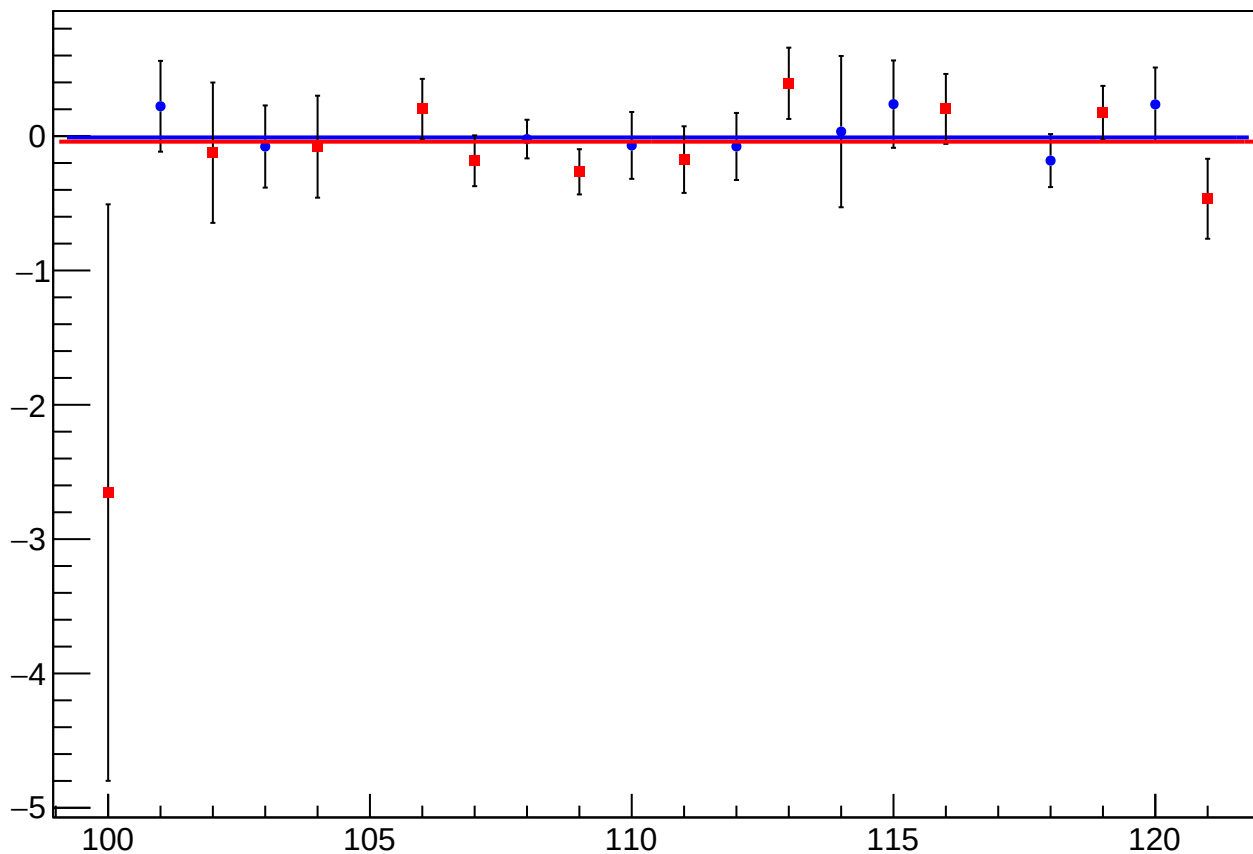
Right: 0.000+/-0.000 χ^2/NDF : 4683370.1/19

In: 0.000+/-0.000 χ^2/NDF :300951.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4683370.1/19

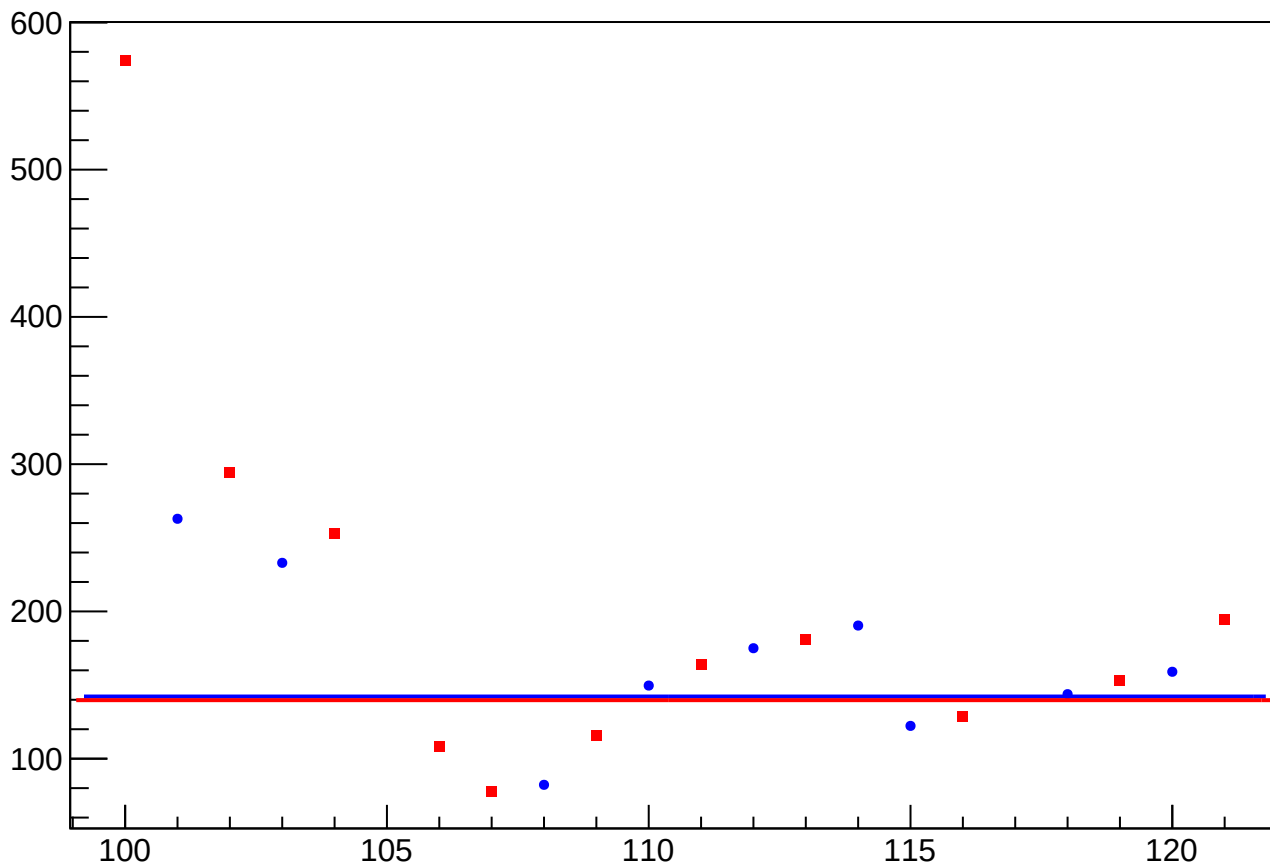
asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.041 ± 0.075 χ^2/NDF : 12.1/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.027 ± 0.055 χ^2/NDF : 15.0/19
 In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.027 ± 0.055 χ^2/NDF : 15.0/19

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.740+/-0.053 χ^2/NDF : 880704.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

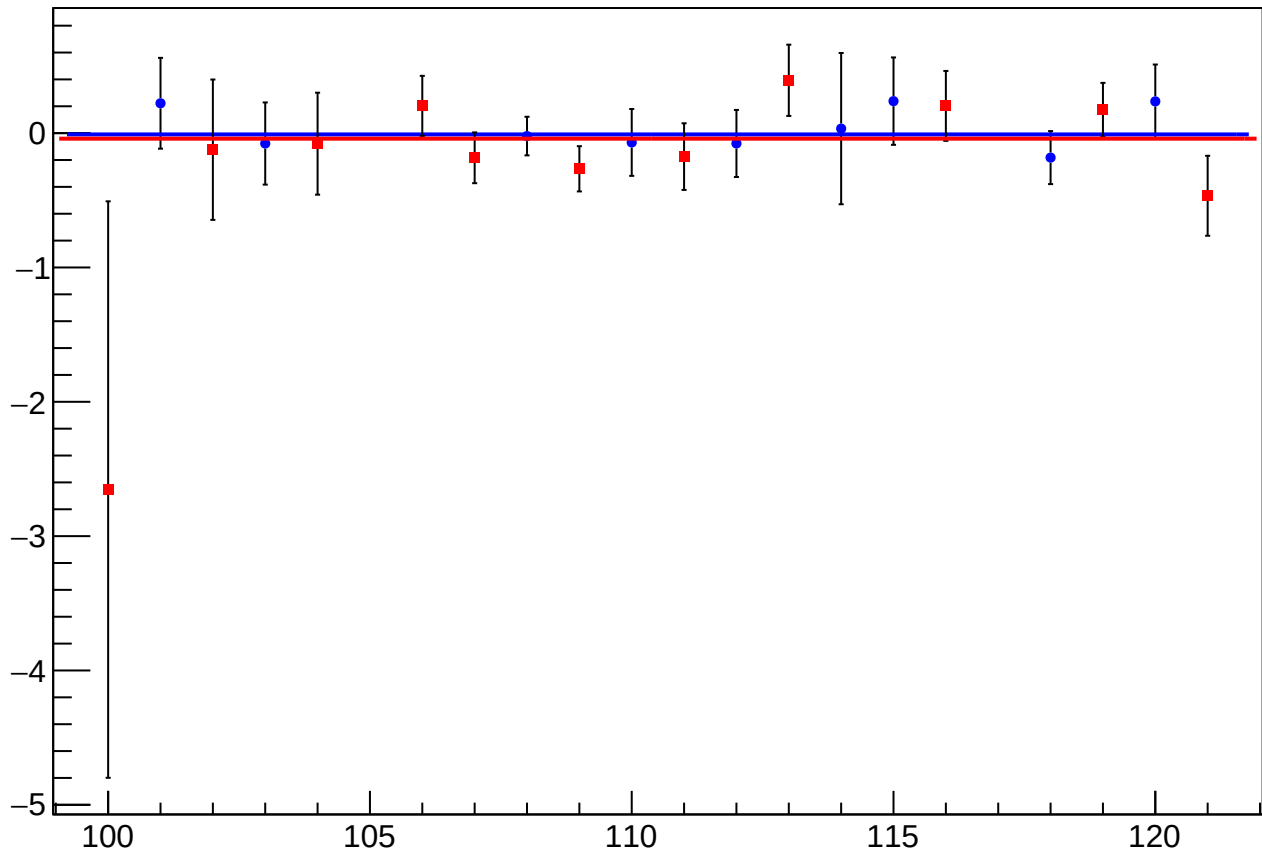
Right: 140.884+/-0.039 χ^2/NDF : 1727077.7/19

In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.884+/-0.039 χ^2/NDF : 1727077.7/19

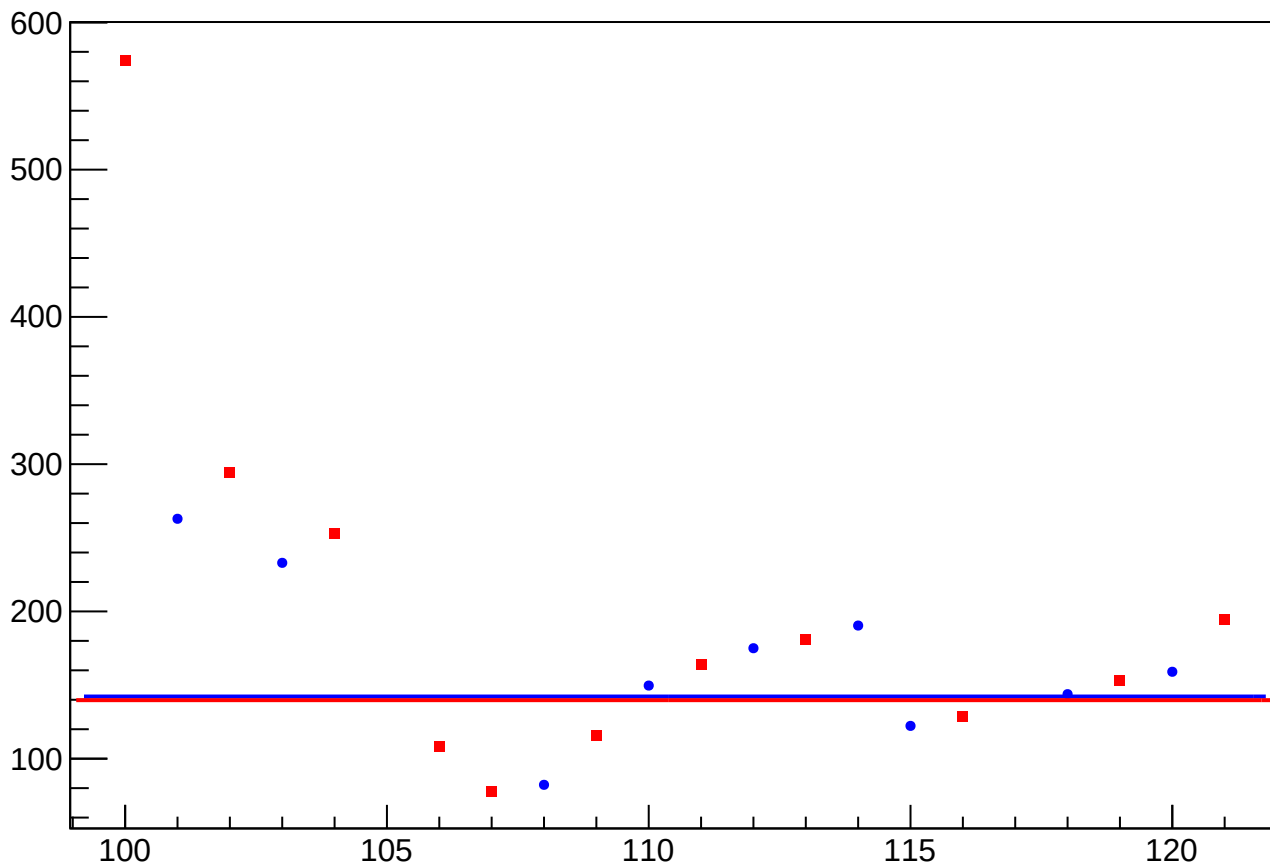
asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.081 χ^2 /NDF: 2.8/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.041 $\pm$ 0.075 χ^2 /NDF: 12.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.027 $\pm$ 0.055 χ^2 /NDF: 15.0/19
 In: -0.010 $\pm$ 0.081 χ^2 /NDF:2.8/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.027 $\pm$ 0.055 χ^2 /NDF: 15.0/19

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.740+/-0.053 χ^2/NDF : 880704.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

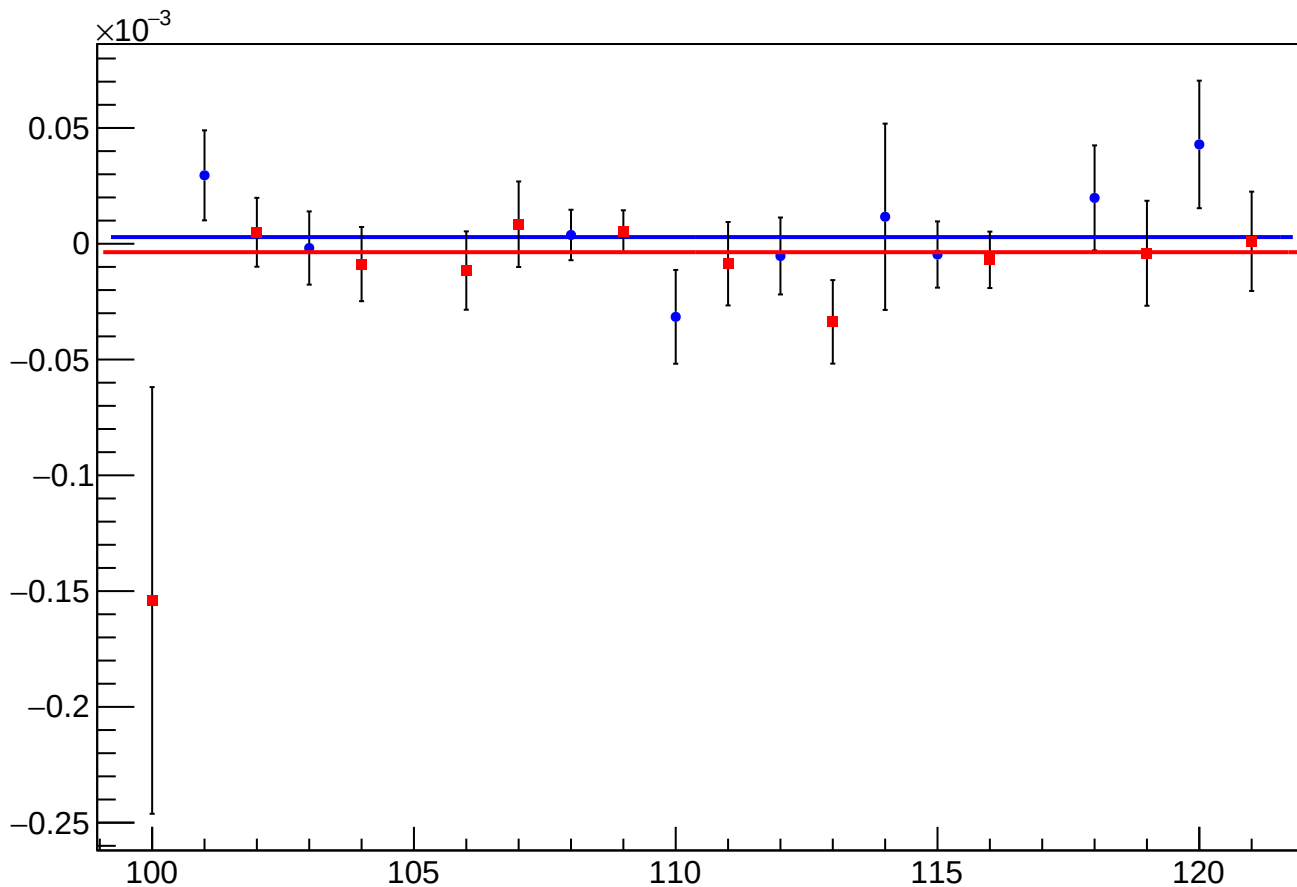
Right: 140.884+/-0.039 χ^2/NDF : 1727077.7/19

In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.884+/-0.039 χ^2/NDF : 1727077.7/19

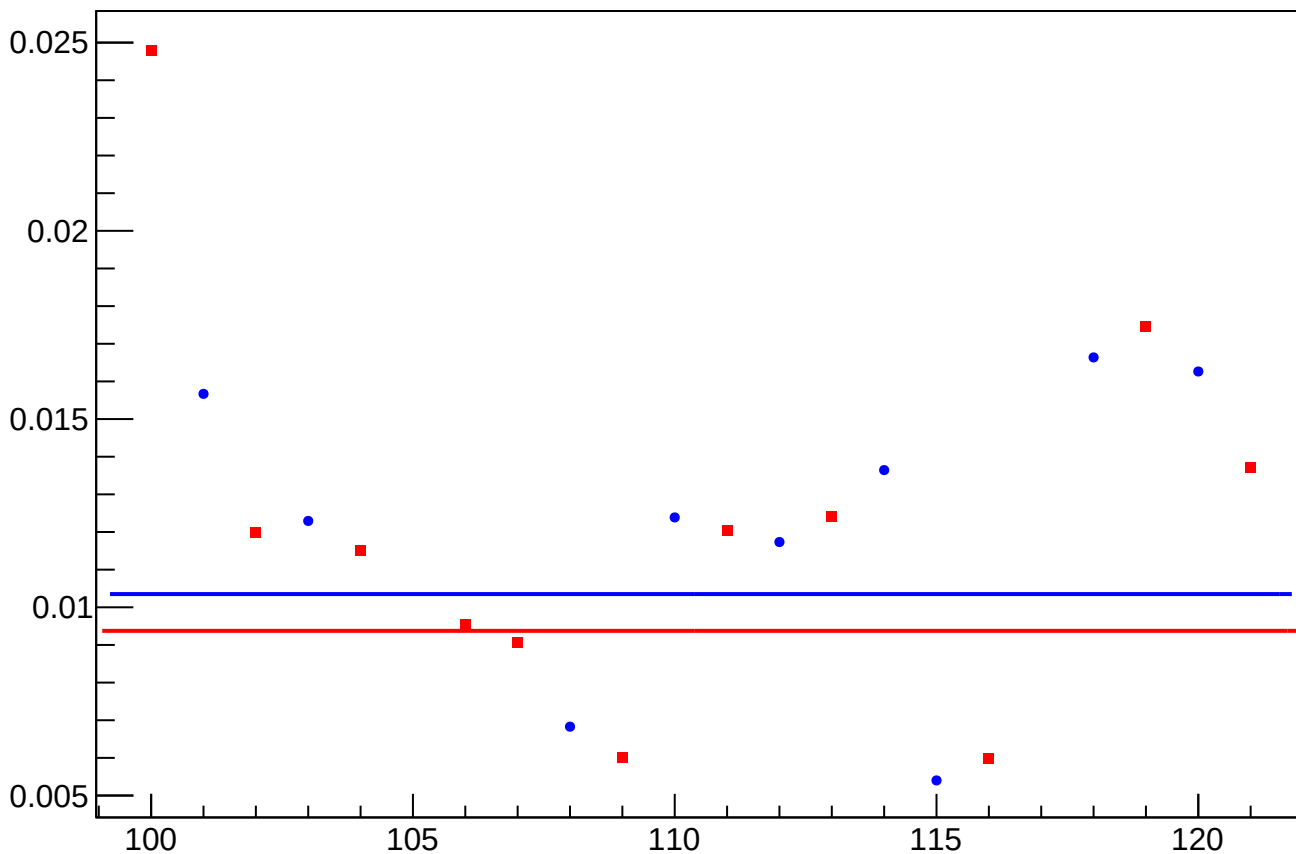
asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 16.6/19
 In: 0.000+/-0.000 χ^2/NDF : 8.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 16.6/19

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 922092.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1025378.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

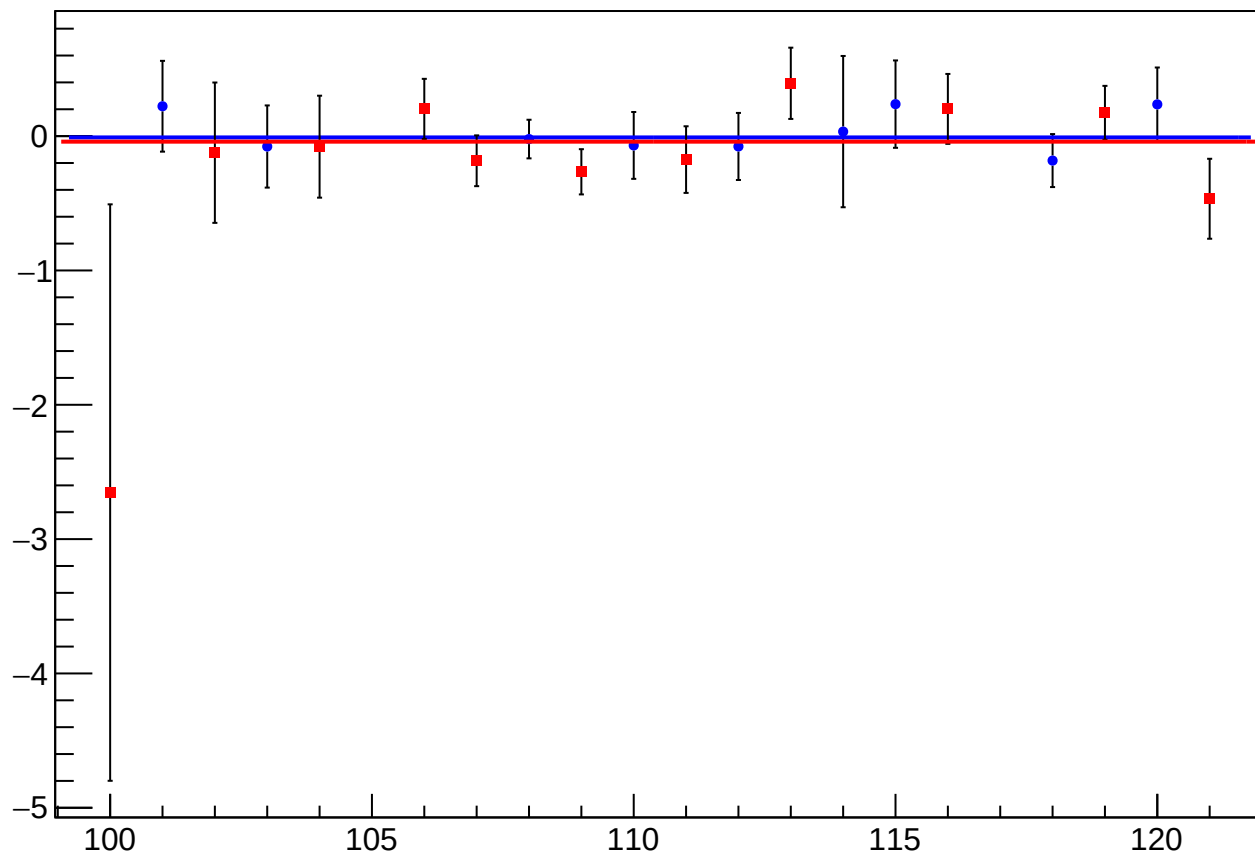
Right: 0.010+/-0.000 χ^2/NDF : 1981546.7/19

In: 0.010+/-0.000 χ^2/NDF : 922092.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1981546.7/19

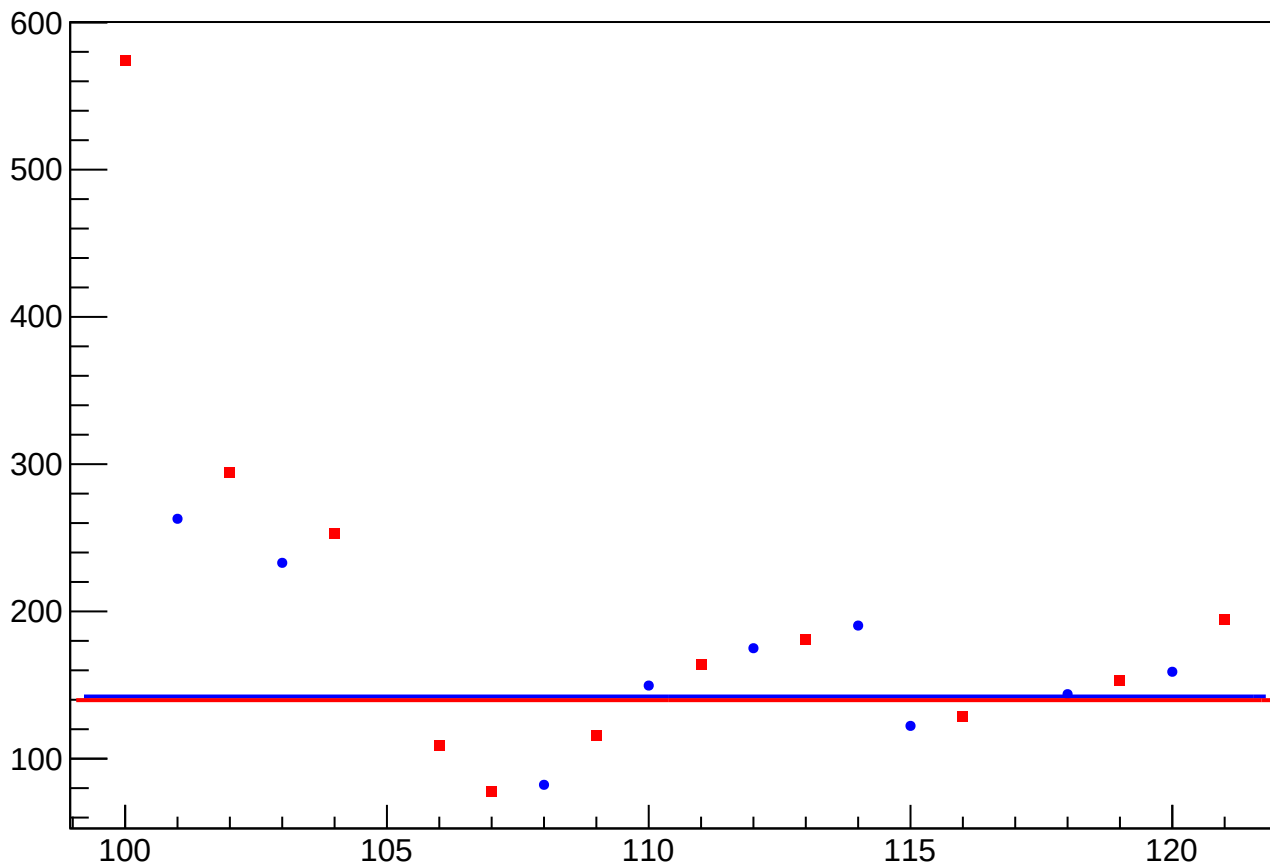
asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.041 ± 0.075 χ^2/NDF : 12.1/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.027 ± 0.055 χ^2/NDF : 15.0/19
 In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.027 ± 0.055 χ^2/NDF : 15.0/19

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.740+/-0.053 χ^2/NDF : 880731.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

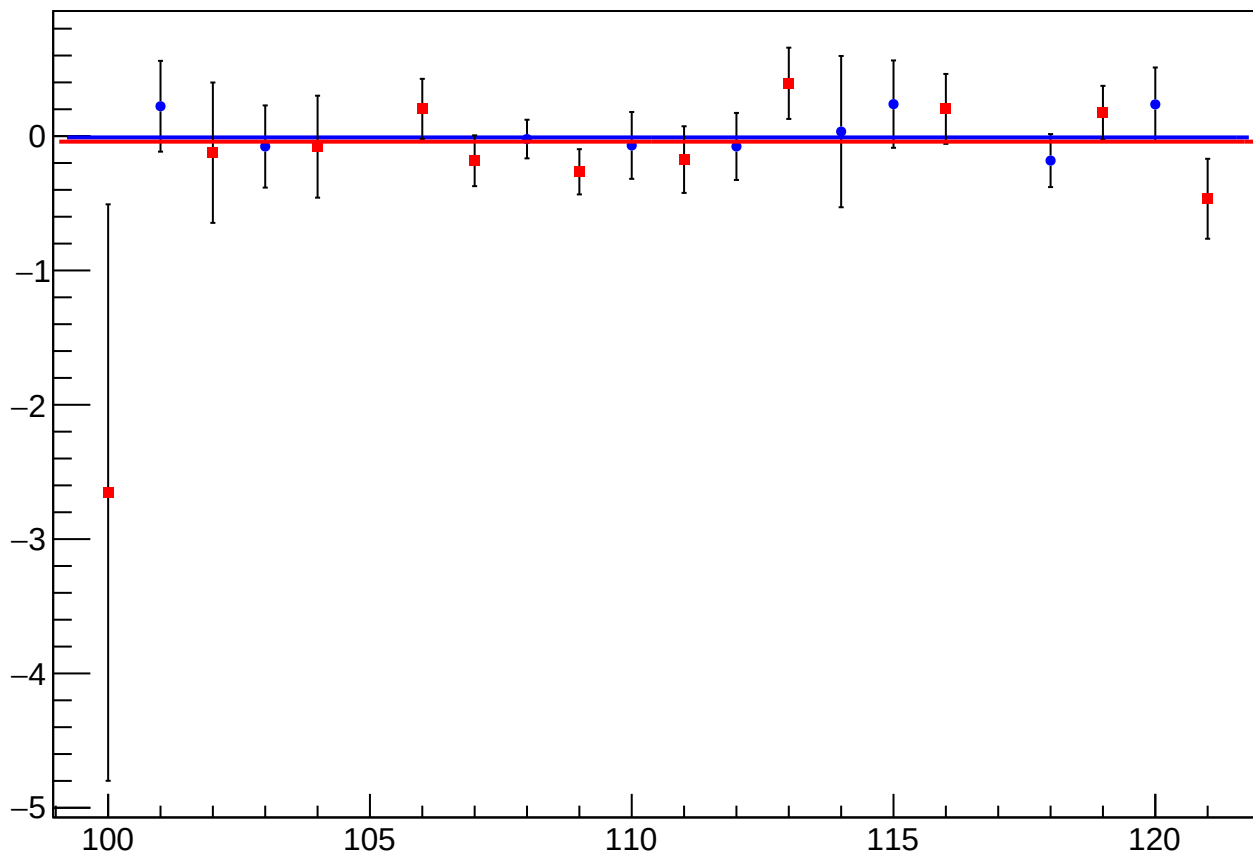
Right: 140.884+/-0.039 χ^2/NDF : 1727105.0/19

In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.884+/-0.039 χ^2/NDF : 1727105.0/19

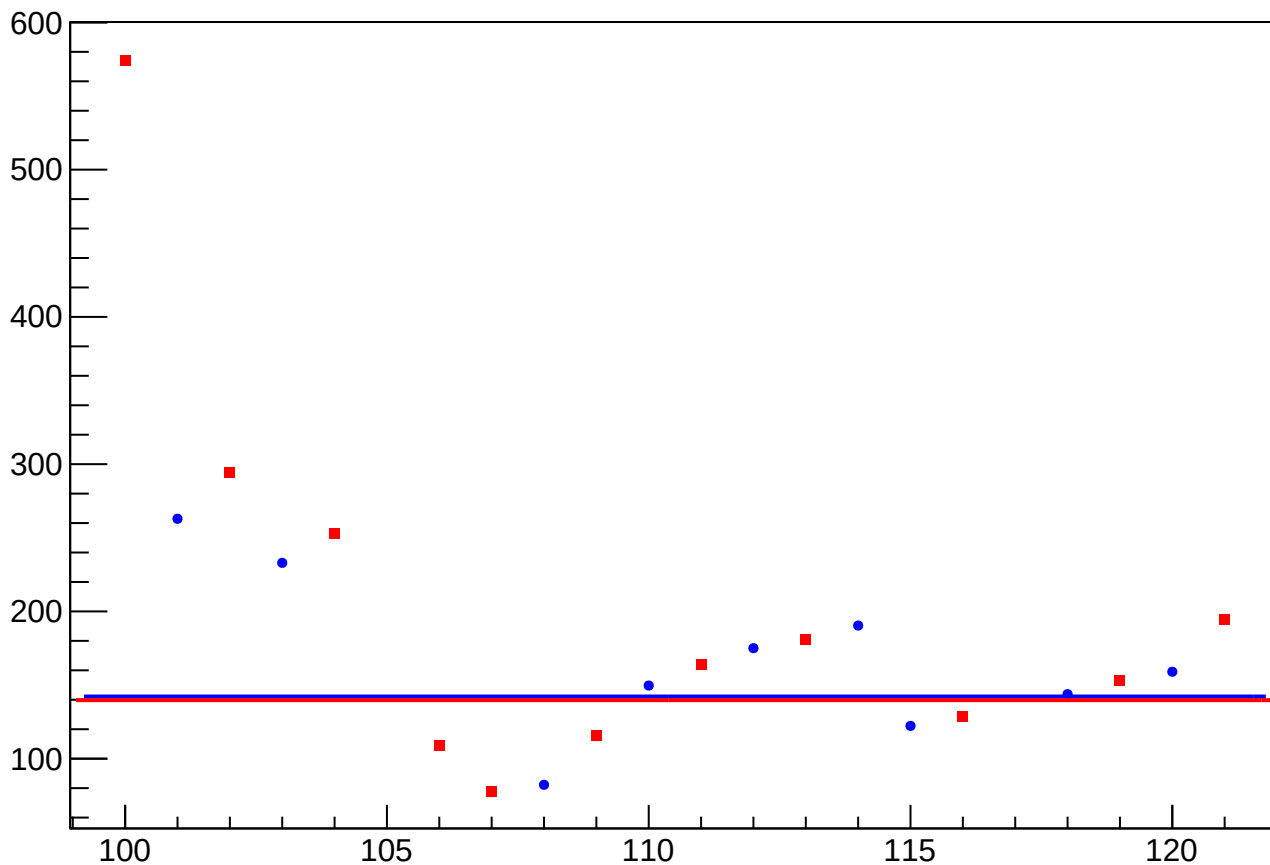
asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.041 ± 0.075 χ^2/NDF : 12.1/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.027 ± 0.055 χ^2/NDF : 15.0/19
 In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.027 ± 0.055 χ^2/NDF : 15.0/19

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.740+/-0.053 χ^2/NDF : 880731.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

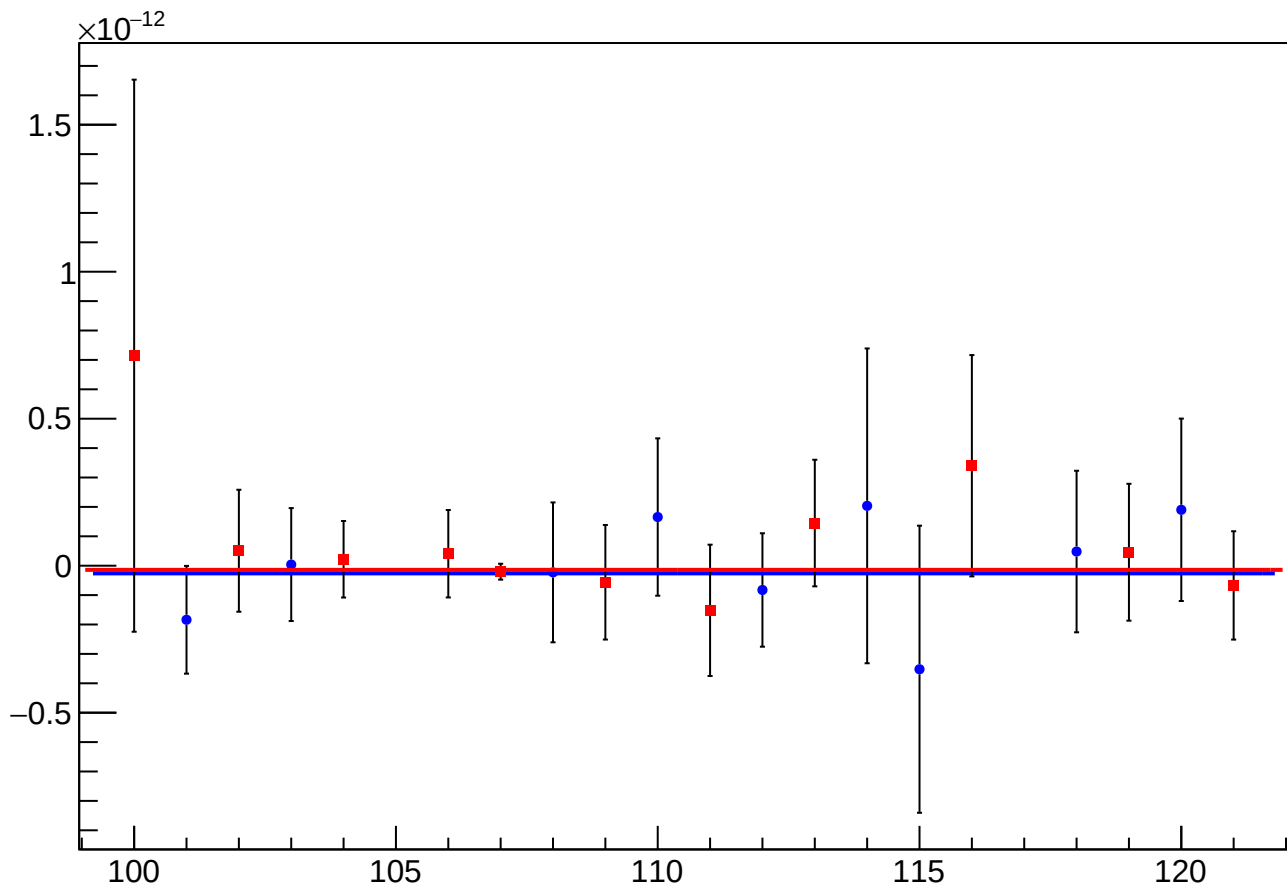
Right: 140.884+/-0.039 χ^2/NDF : 1727105.0/19

In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.884+/-0.039 χ^2/NDF : 1727105.0/19

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

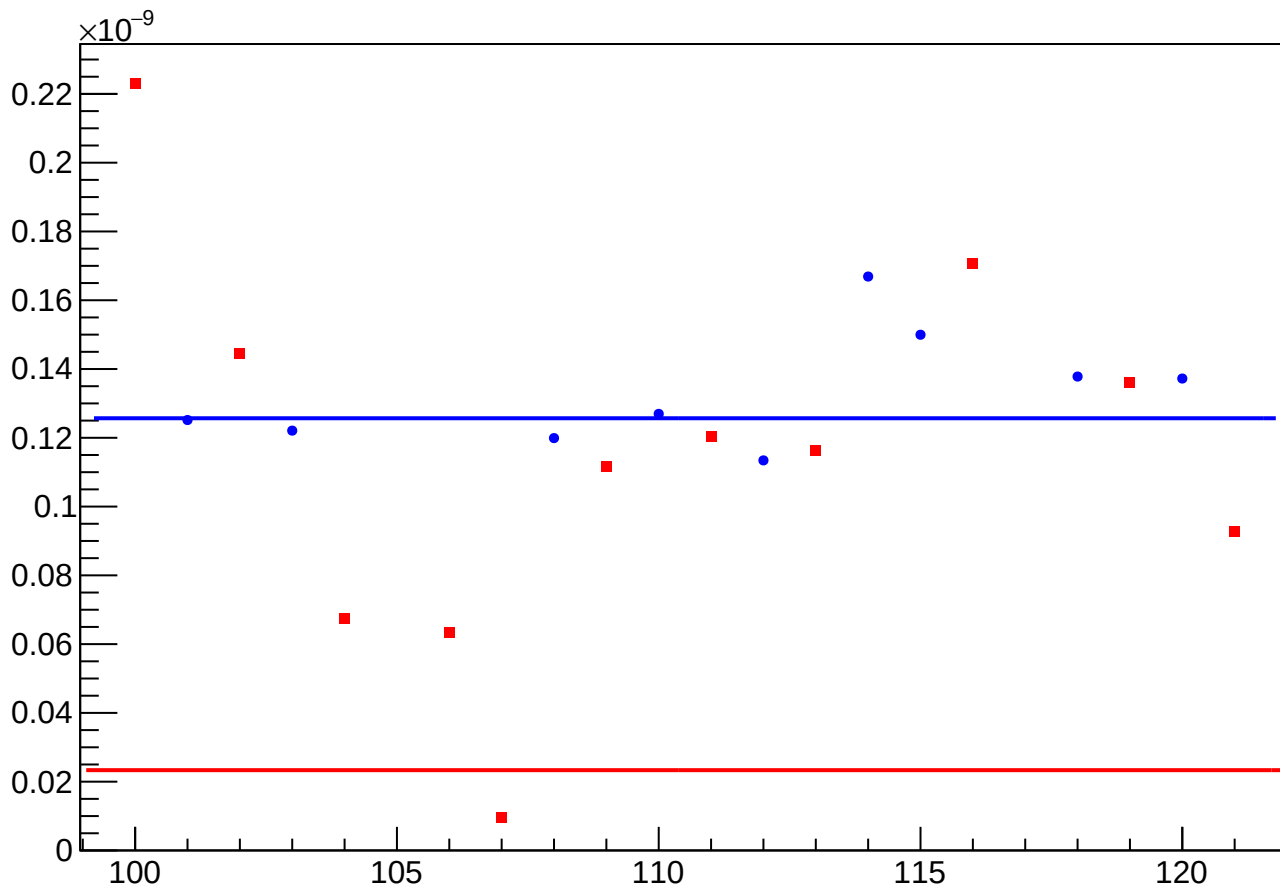
Right: -0.000+/-0.000 χ^2 /NDF: 5.5/19

In: -0.000+/-0.000 χ^2 /NDF:2.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.5/19

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 33470.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3888968.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

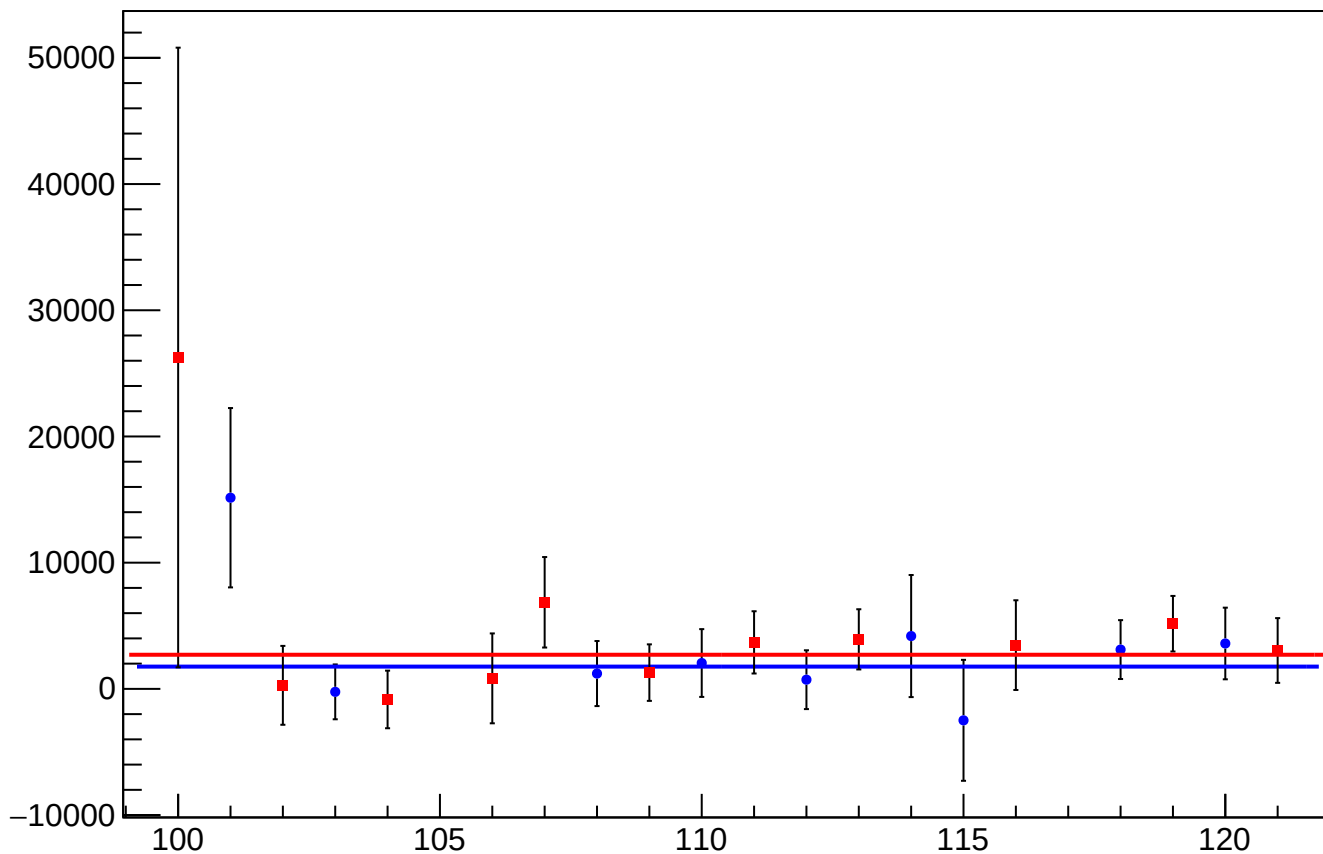
Right: 0.000+/-0.000 χ^2/NDF : 6740025.0/19

In: 0.000+/-0.000 χ^2/NDF : 33470.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6740025.0/19

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1765.124+/-953.737 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2704.373+/-836.194 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

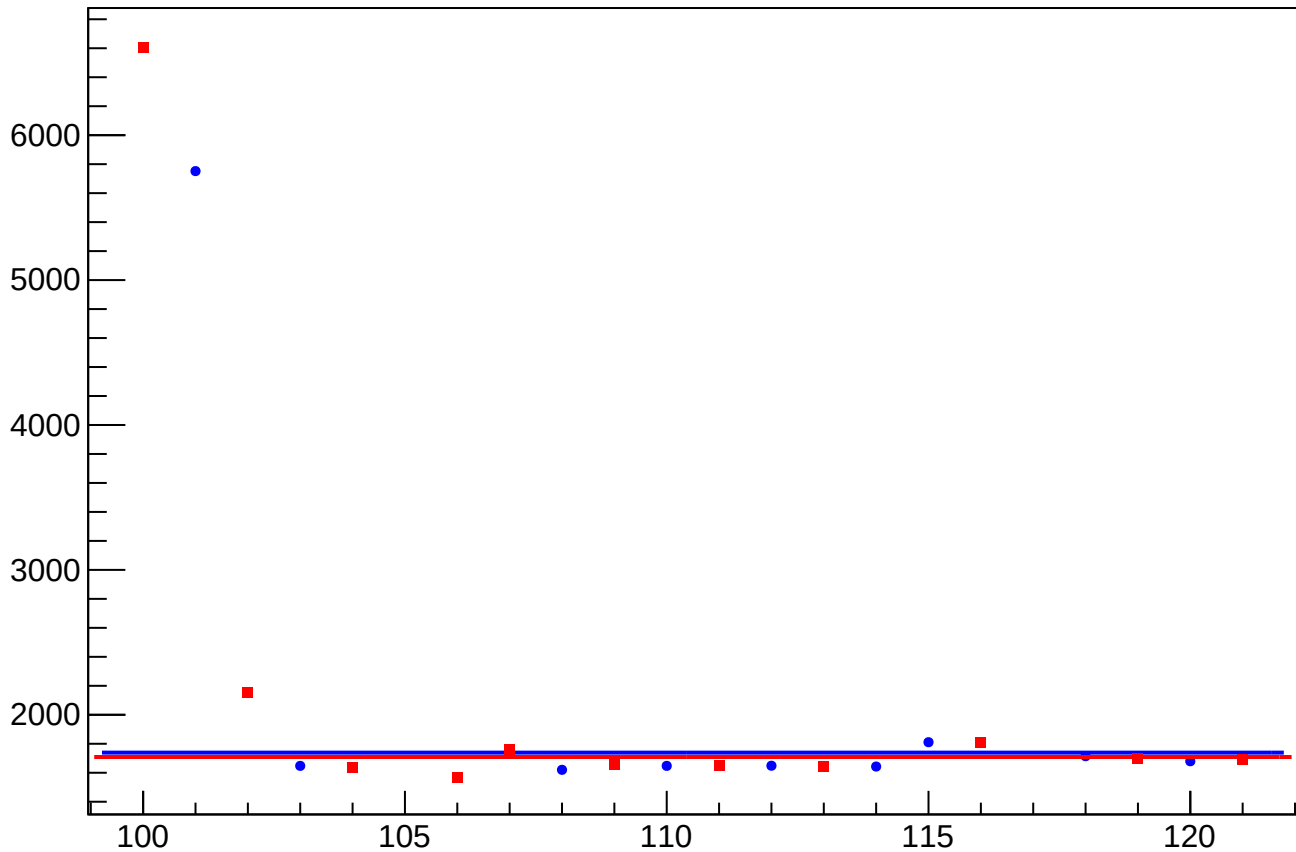
Right: 2296.164+/-628.753 χ^2/NDF : 14.7/19

In: 1765.124+/-953.737 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.164+/-628.753 χ^2/NDF : 14.7/19

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1738.945+/-0.674 χ^2/NDF : 653439.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.689+/-0.584 χ^2/NDF : 132719.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

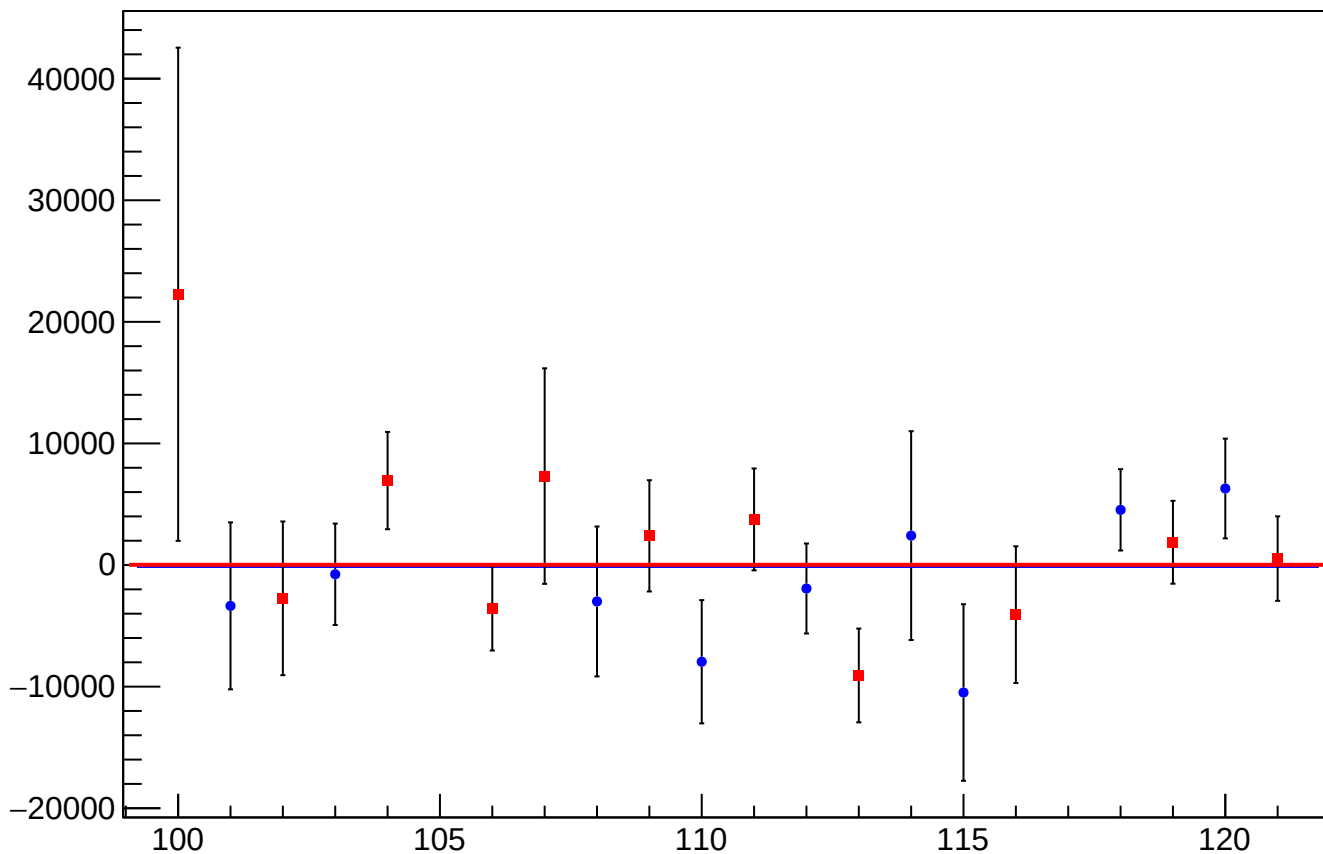
Right: 1721.662+/-0.442 χ^2/NDF : 787309.5/19

In: 1738.945+/-0.674 χ^2/NDF : 653439.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.662+/-0.442 χ^2/NDF : 787309.5/19

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -74.994 $\pm$ 1584.126 χ^2 /NDF: 9.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.493 $\pm$ 1338.290 χ^2 /NDF: 13.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

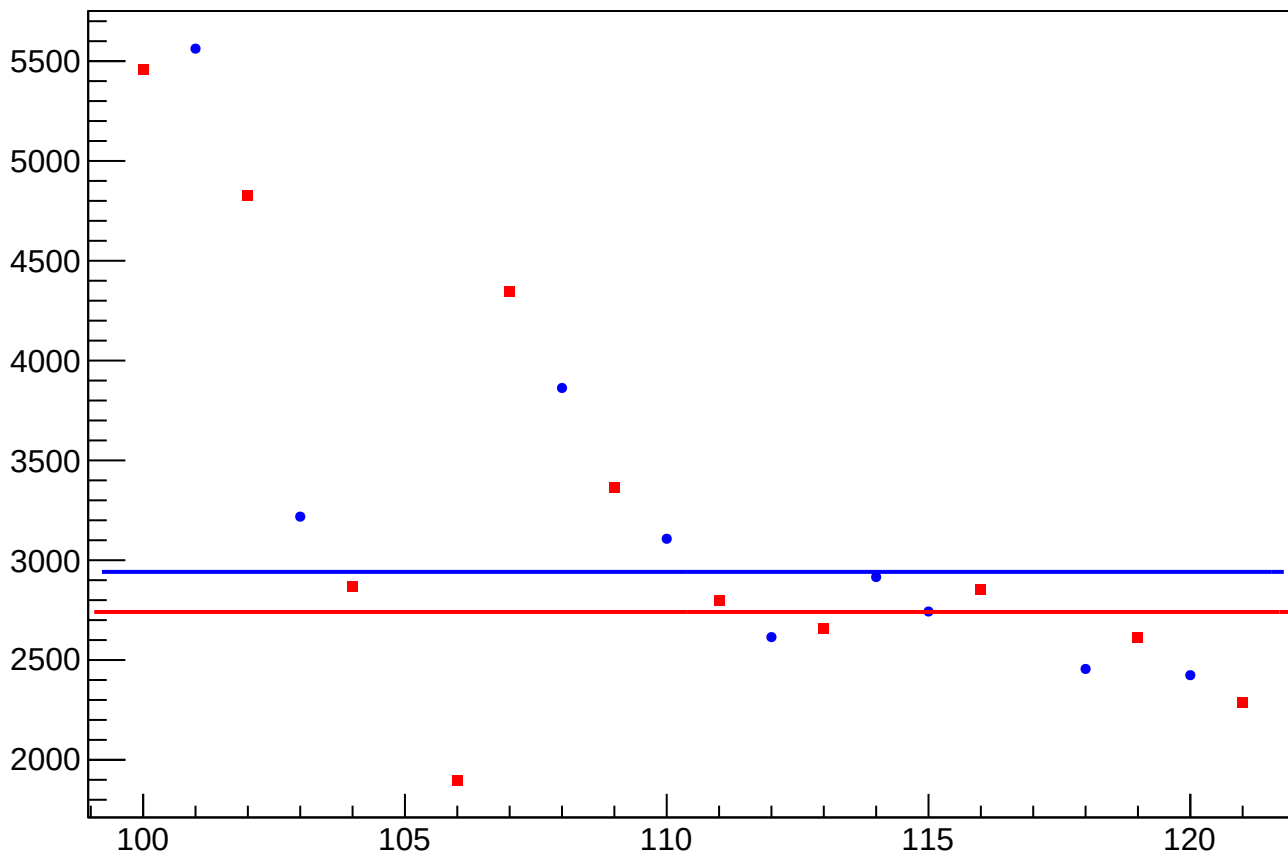
Right: -20.442 $\pm$ 1022.308 χ^2 /NDF: 23.2/19

In: -74.994 $\pm$ 1584.126 χ^2 /NDF:9.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.442 $\pm$ 1022.308 χ^2 /NDF: 23.2/19

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2941.565+/-1.120 χ^2/NDF : 438256.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2740.762+/-0.946 χ^2/NDF : 515554.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

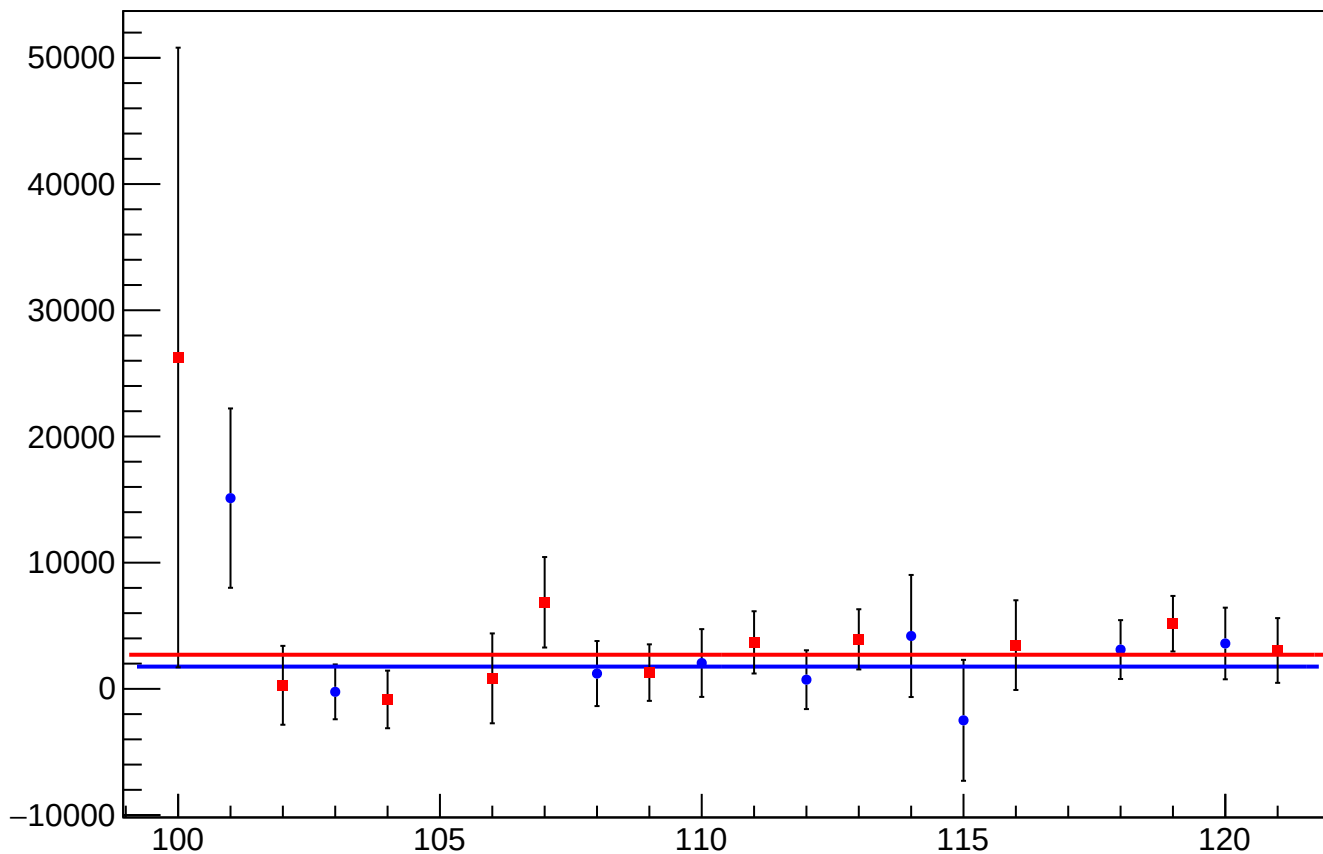
Right: 2824.391+/-0.723 χ^2/NDF : 972563.8/19

In: 2941.565+/-1.120 χ^2/NDF : 438256.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2824.391+/-0.723 χ^2/NDF : 972563.8/19

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1764.637+/-953.737 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2704.475+/-836.194 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

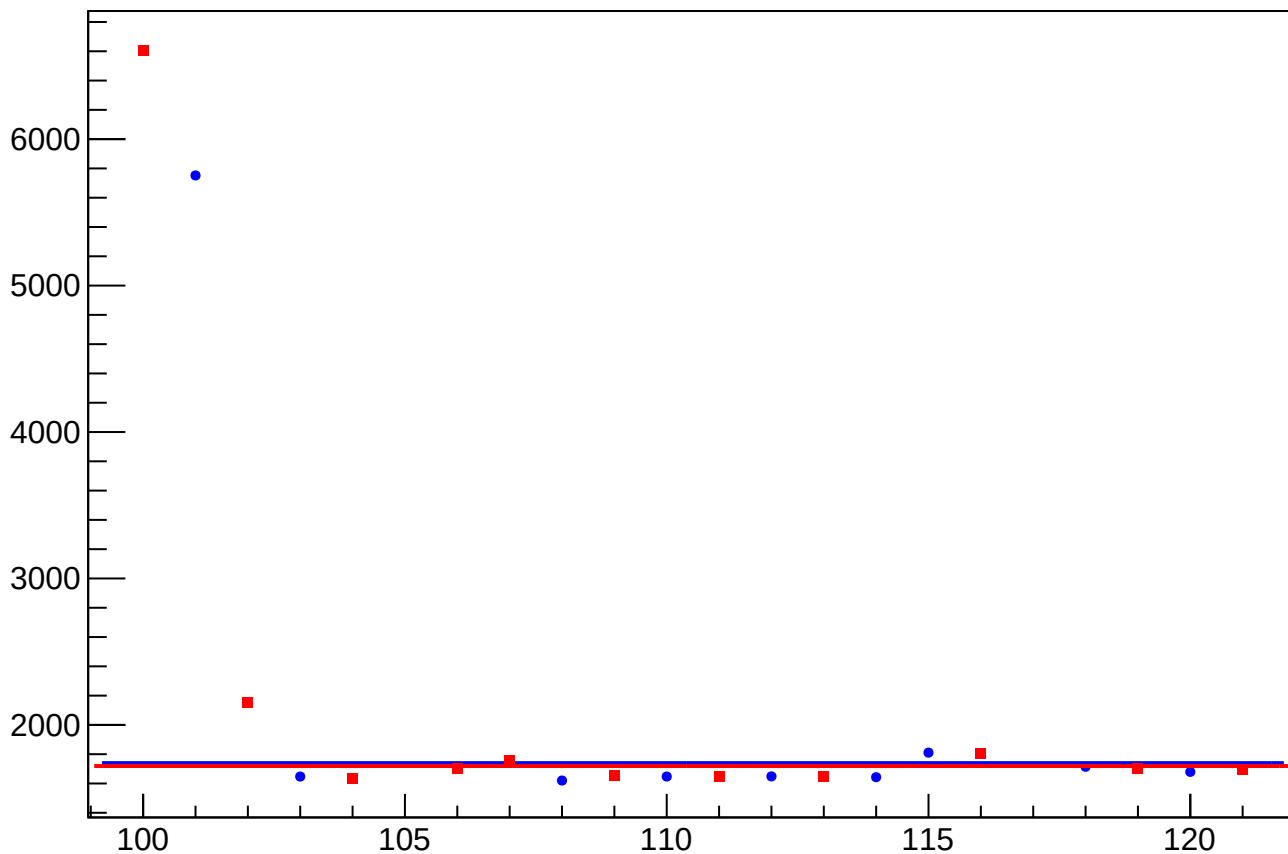
Right: 2296.009+/-628.753 χ^2/NDF : 14.7/19

In: 1764.637+/-953.737 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.009+/-628.753 χ^2/NDF : 14.7/19

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.190+/-0.588 χ^2/NDF : 127878.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

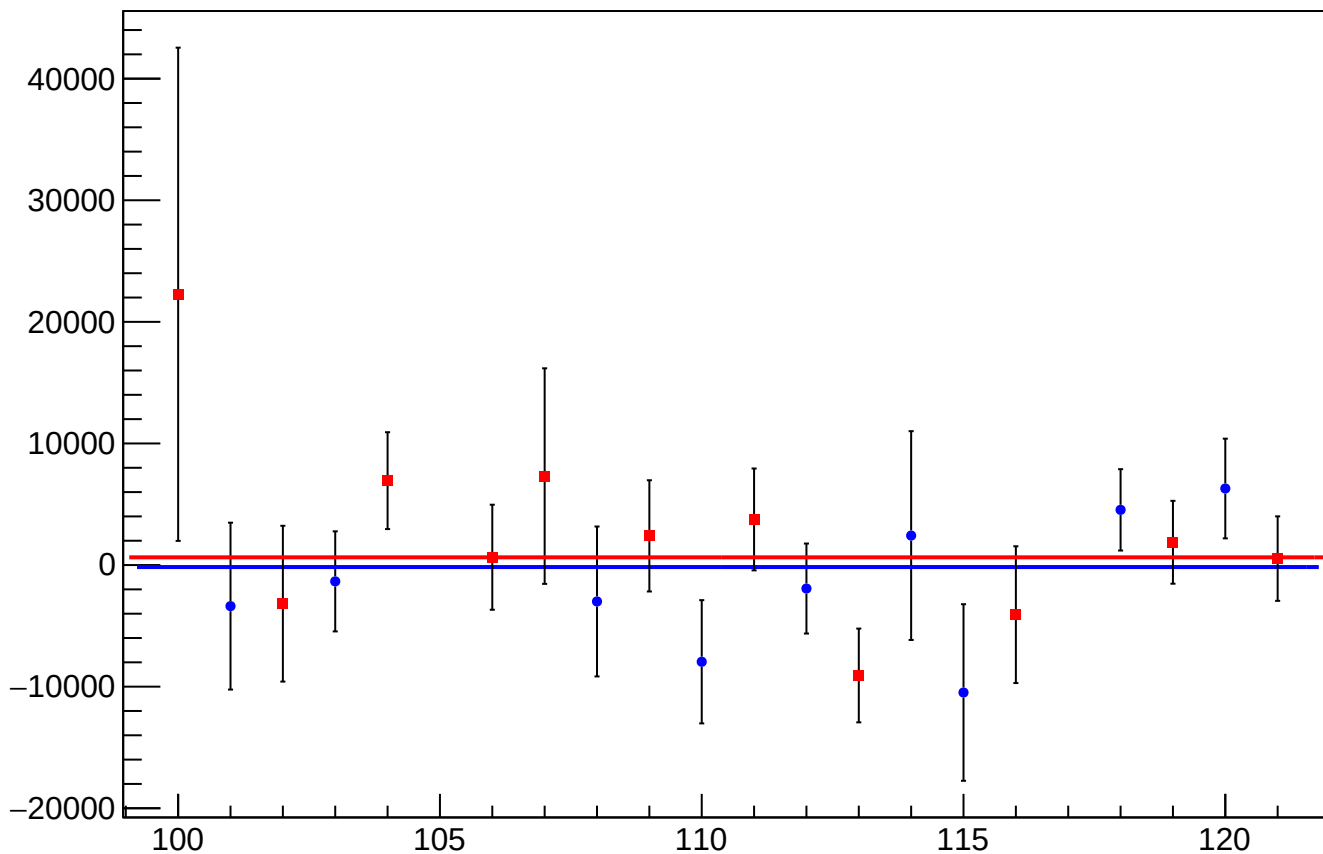
Right: 1727.717+/-0.443 χ^2/NDF : 781806.6/19

In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.717+/-0.443 χ^2/NDF : 781806.6/19

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.319+/-1375.128 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

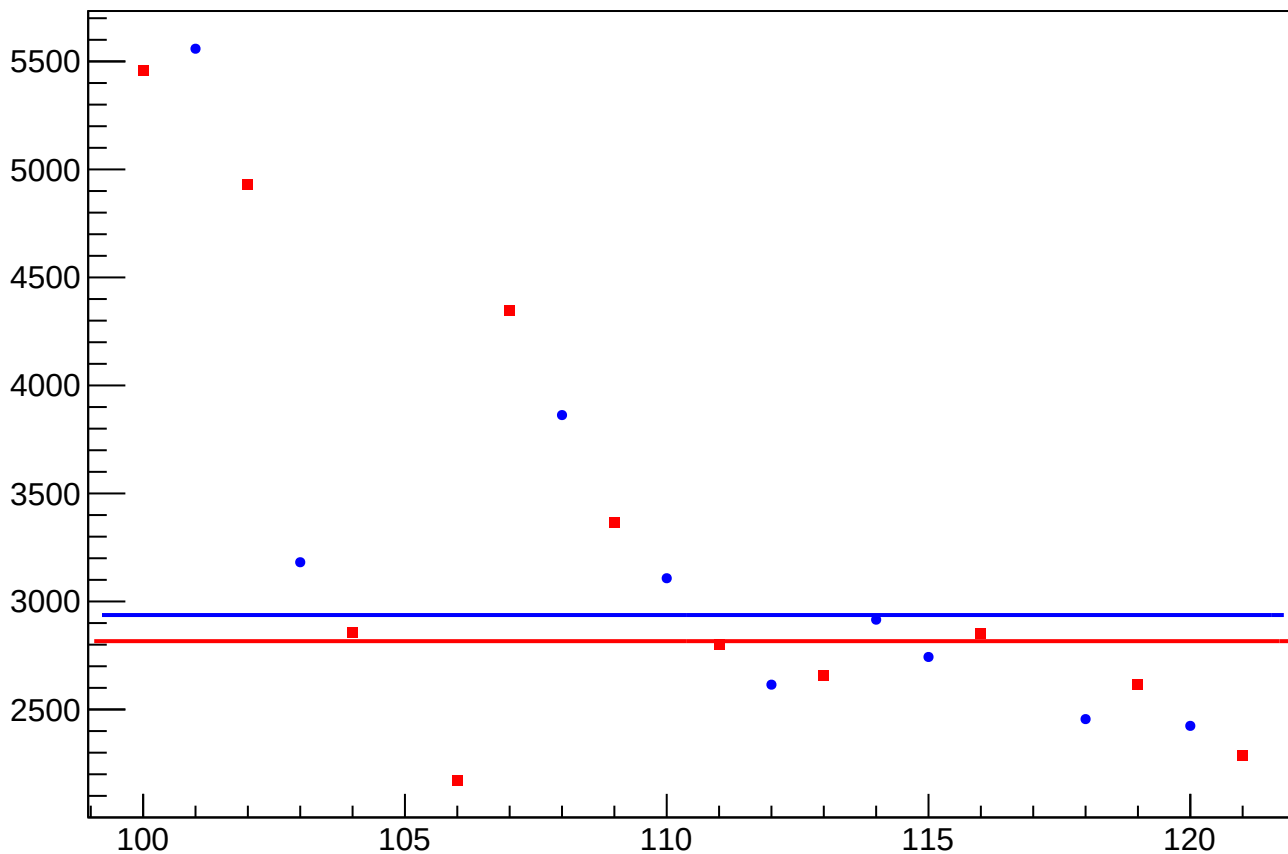
Right: 290.822+/-1037.613 χ^2/NDF : 22.3/19

In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.822+/-1037.613 χ^2/NDF : 22.3/19

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2816.238+/-0.972 χ^2/NDF : 440801.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

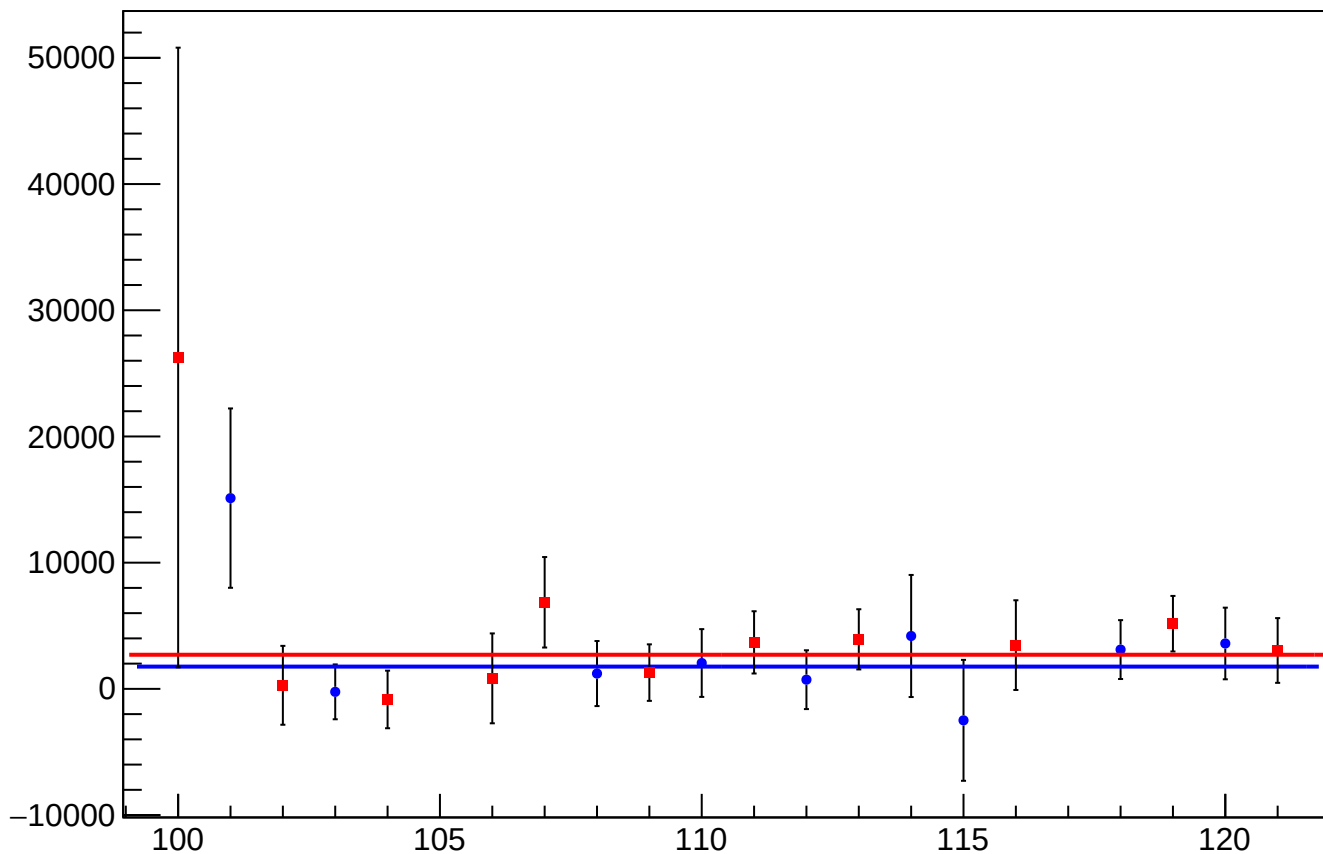
Right: 2868.306+/-0.734 χ^2/NDF : 883212.5/19

In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2868.306+/-0.734 χ^2/NDF : 883212.5/19

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1764.637+/-953.737 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2704.475+/-836.194 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

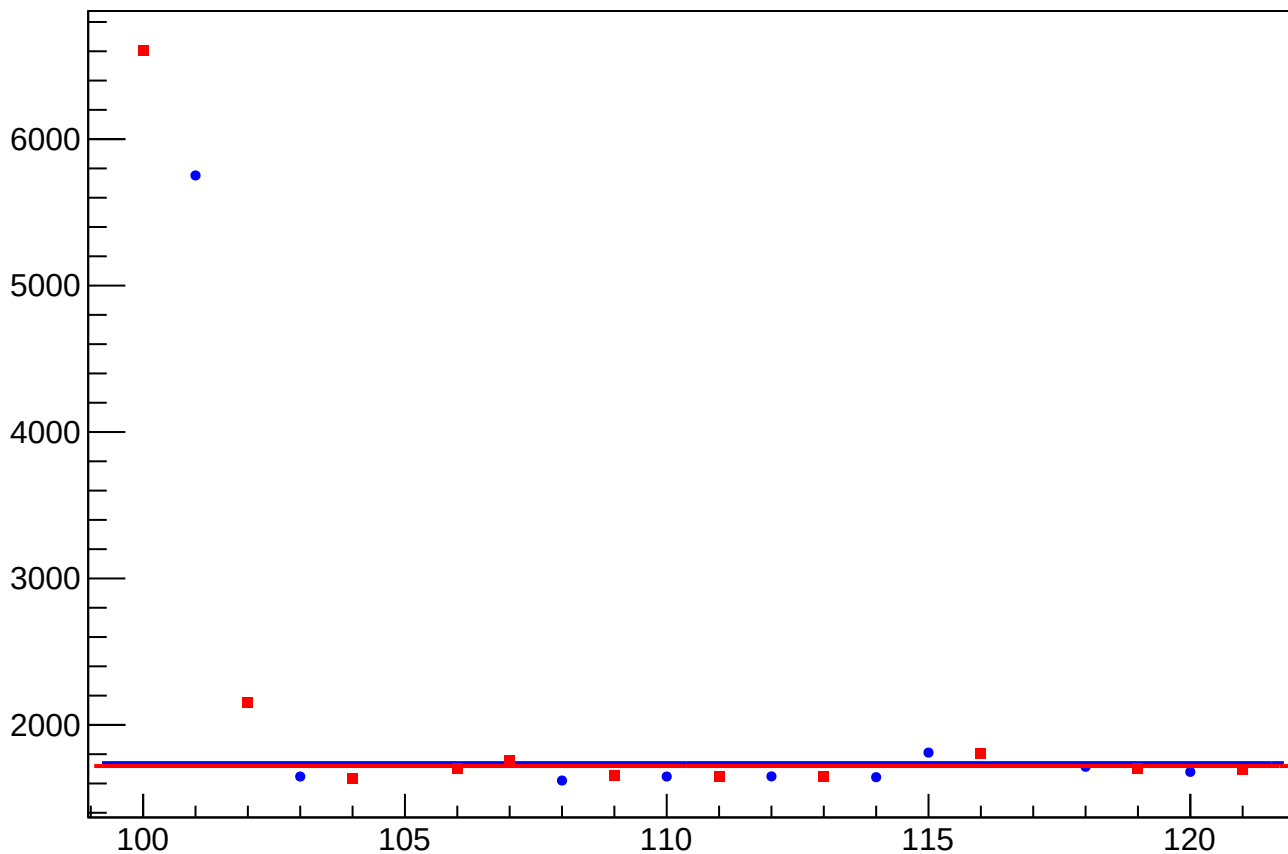
Right: 2296.009+/-628.753 χ^2/NDF : 14.7/19

In: 1764.637+/-953.737 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.009+/-628.753 χ^2/NDF : 14.7/19

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.190+/-0.588 χ^2/NDF : 127878.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

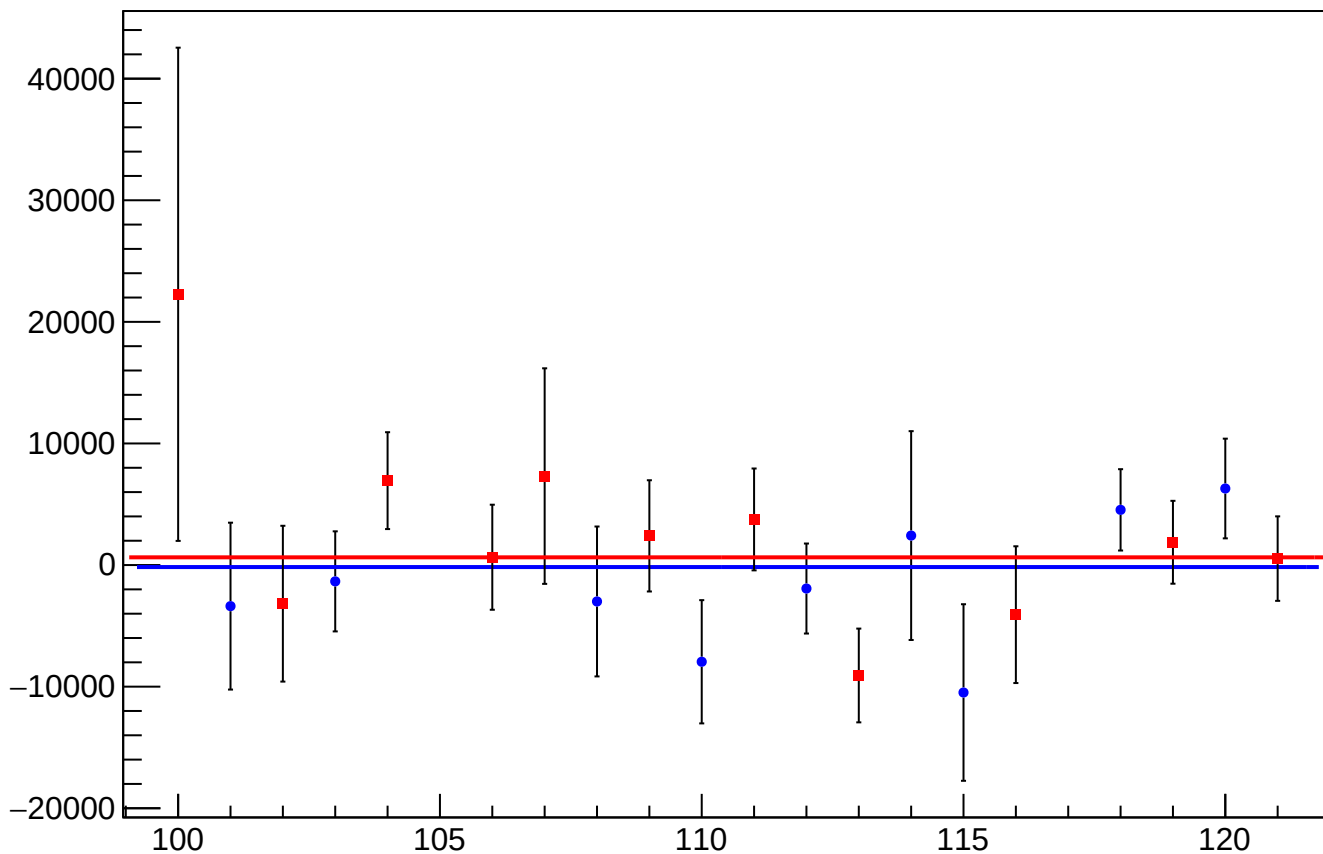
Right: 1727.717+/-0.443 χ^2/NDF : 781806.6/19

In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.717+/-0.443 χ^2/NDF : 781806.6/19

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.319+/-1375.128 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

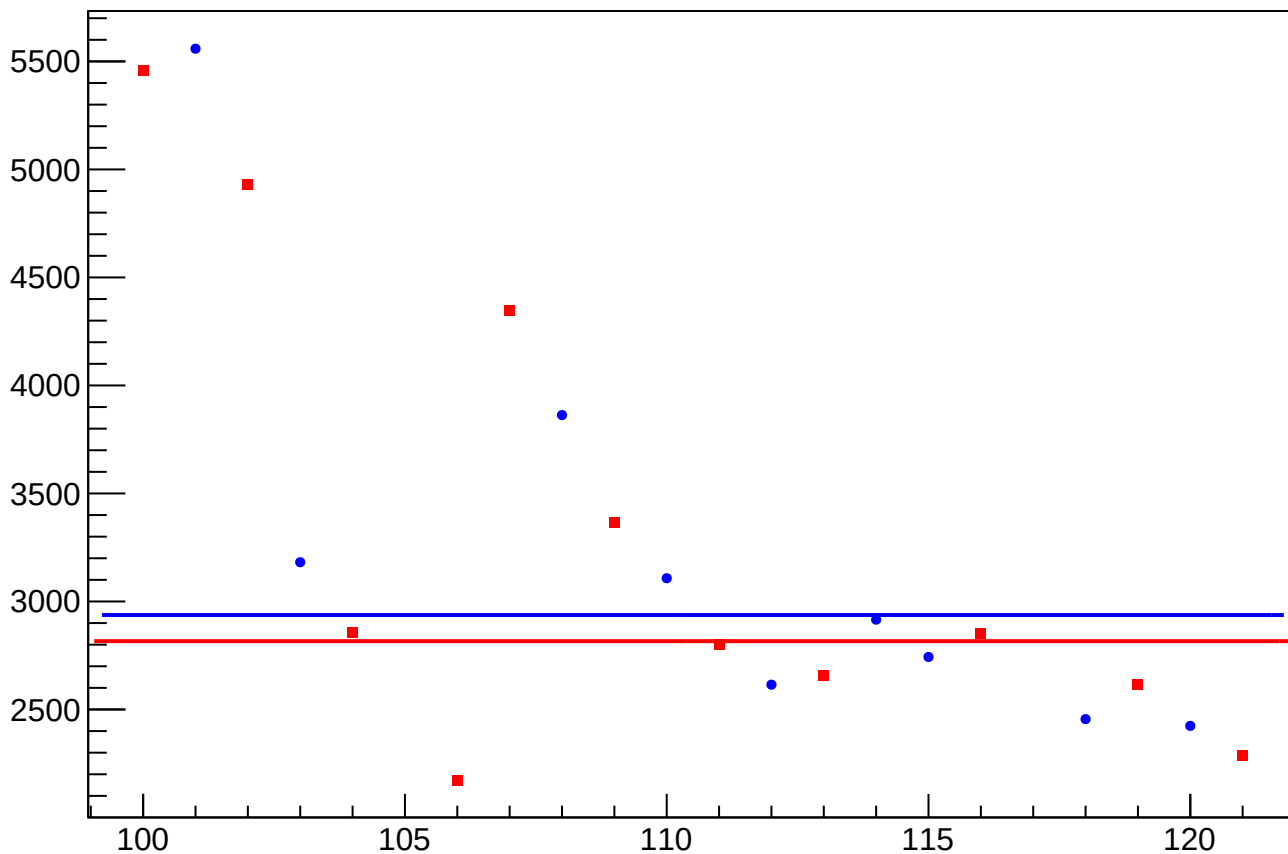
Right: 290.822+/-1037.613 χ^2/NDF : 22.3/19

In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.822+/-1037.613 χ^2/NDF : 22.3/19

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2816.238+/-0.972 χ^2/NDF : 440801.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

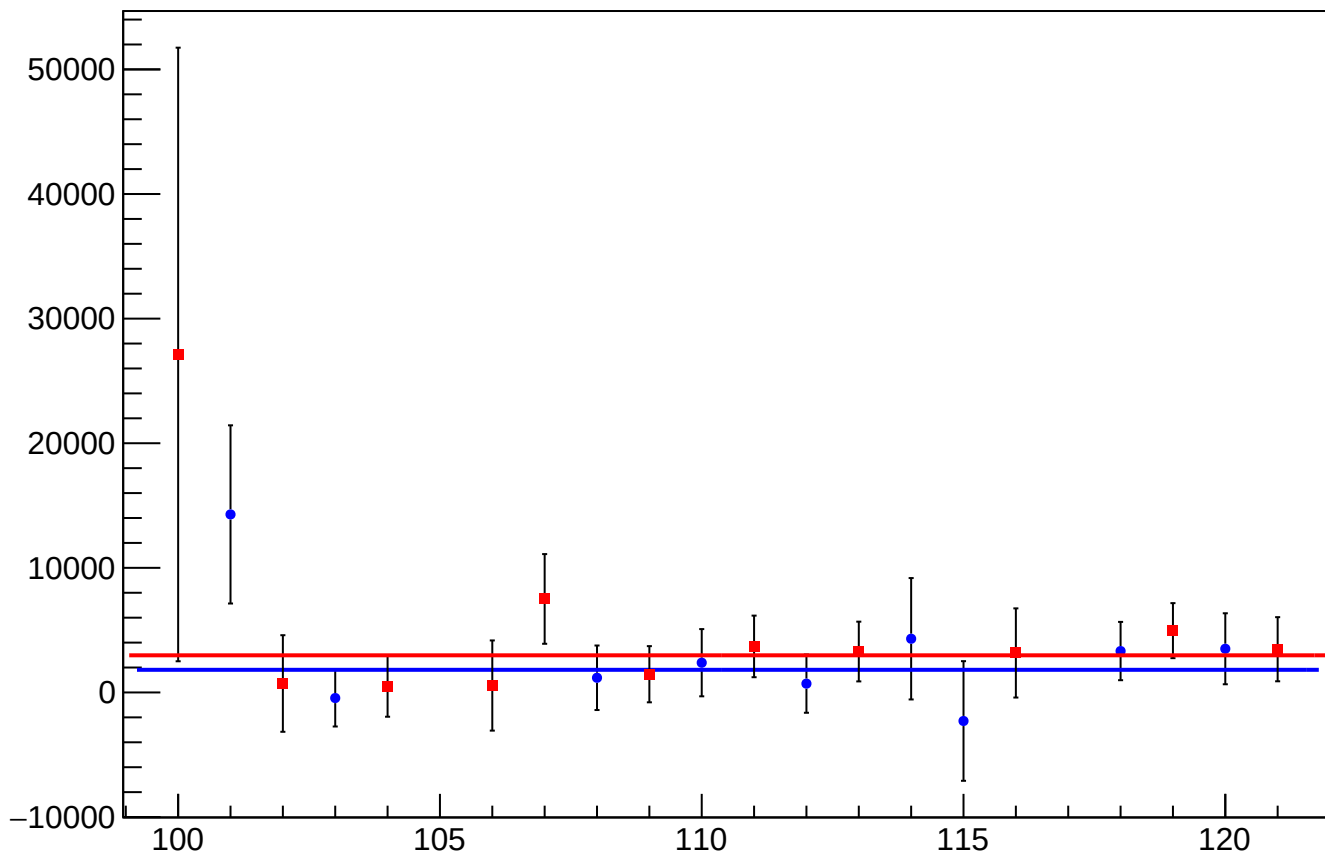
Right: 2868.306+/-0.734 χ^2/NDF : 883212.5/19

In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2868.306+/-0.734 χ^2/NDF : 883212.5/19

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1816.437+/-965.642 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2980.534+/-857.906 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

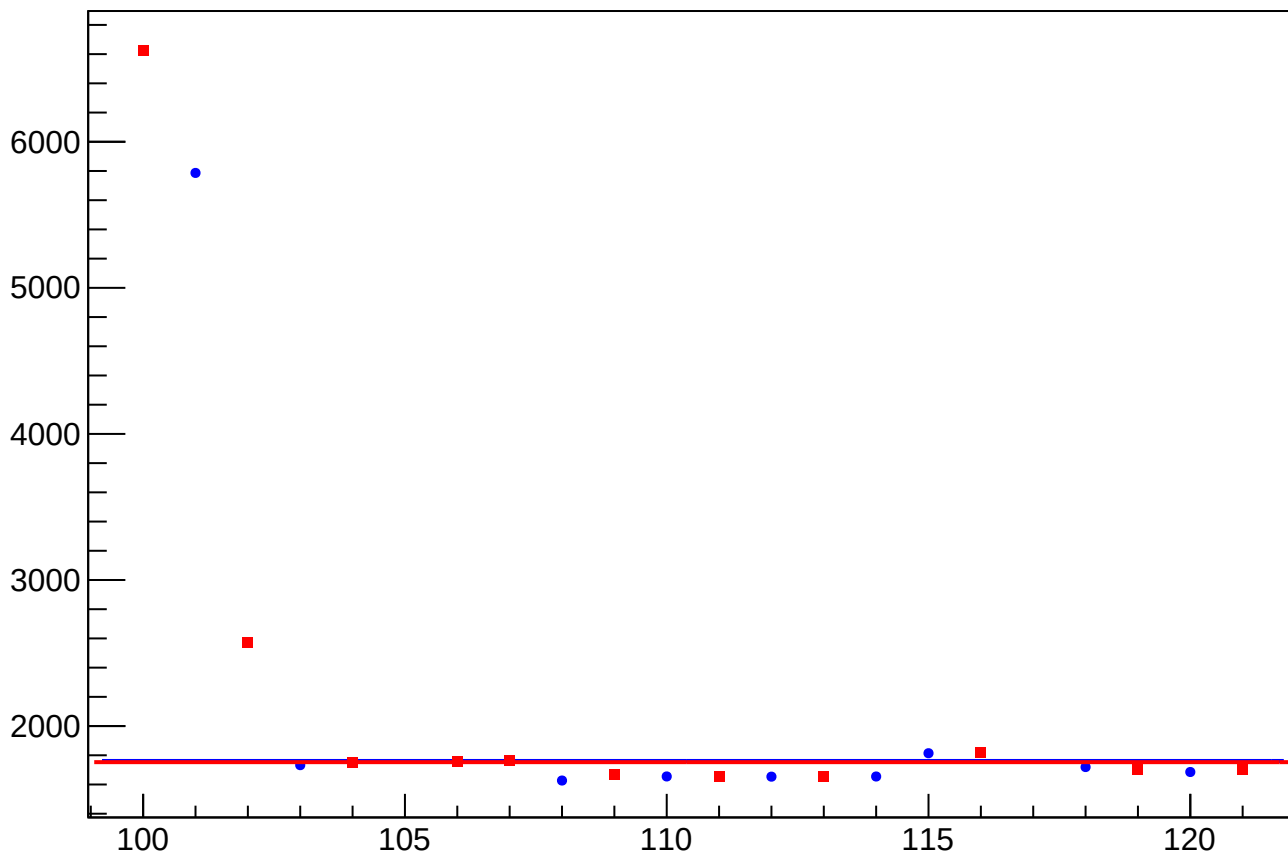
Right: 2467.022+/-641.353 χ^2/NDF : 12.7/19

In: 1816.437+/-965.642 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2467.022+/-641.353 χ^2/NDF : 12.7/19

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1752.958+/-0.604 χ^2/NDF : 180304.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

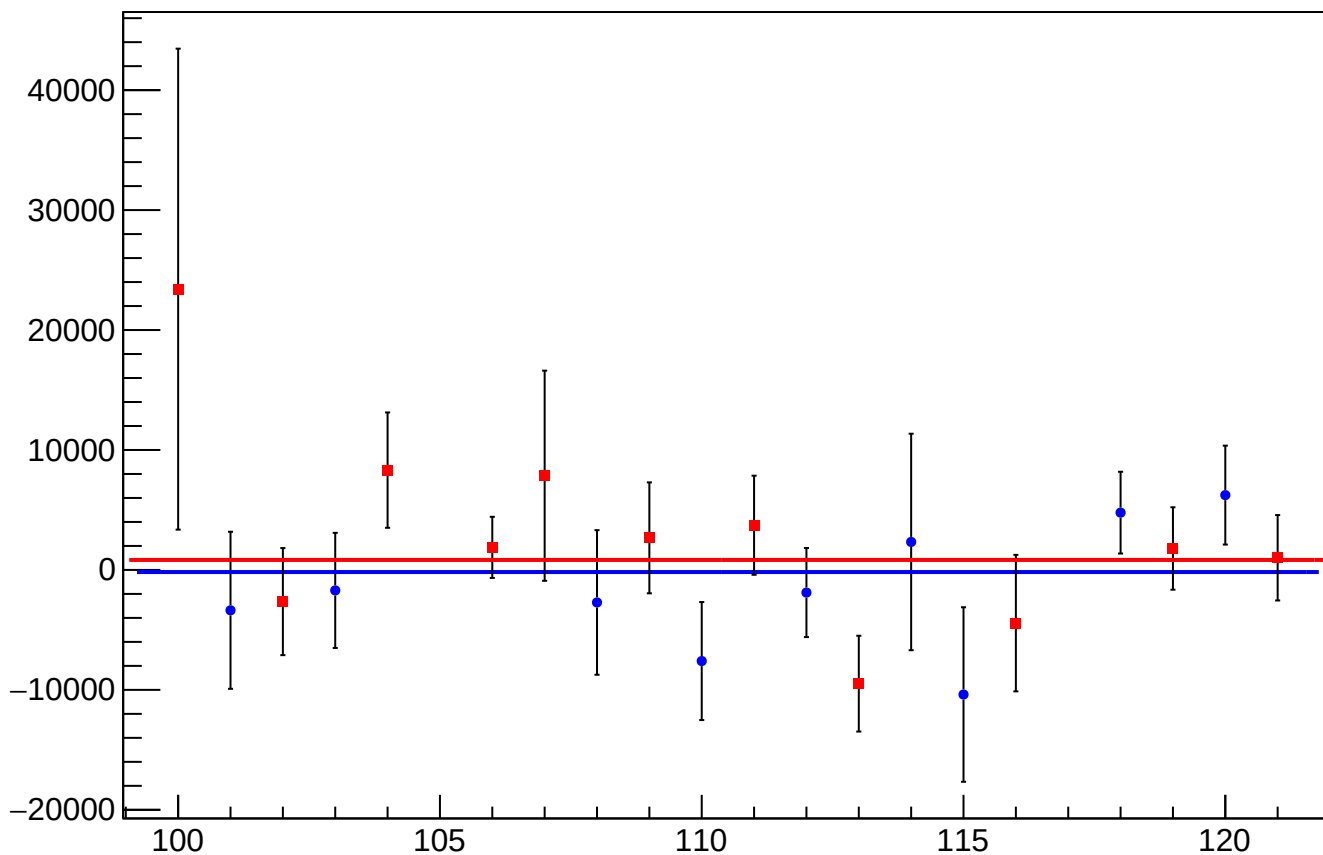
Right: 1756.502+/-0.452 χ^2/NDF : 830605.6/19

In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.502+/-0.452 χ^2/NDF : 830605.6/19

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -175.500+/-1613.391 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.018+/-1264.408 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

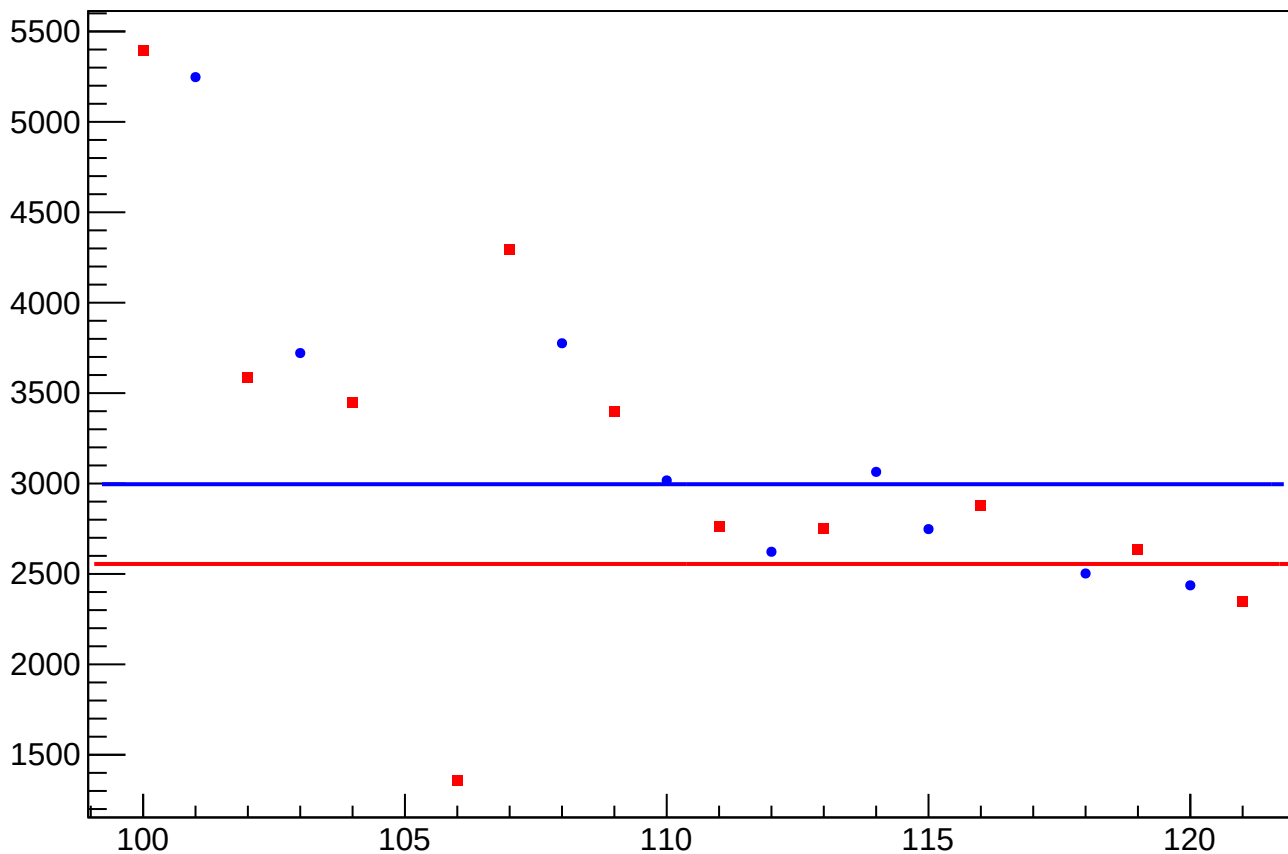
Right: 449.287+/-995.202 χ^2/NDF : 23.2/19

In: -175.500+/-1613.391 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.287+/-995.202 χ^2/NDF : 23.2/19

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2996.229+/-1.141 χ^2/NDF : 417000.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2555.185+/-0.894 χ^2/NDF : 827805.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

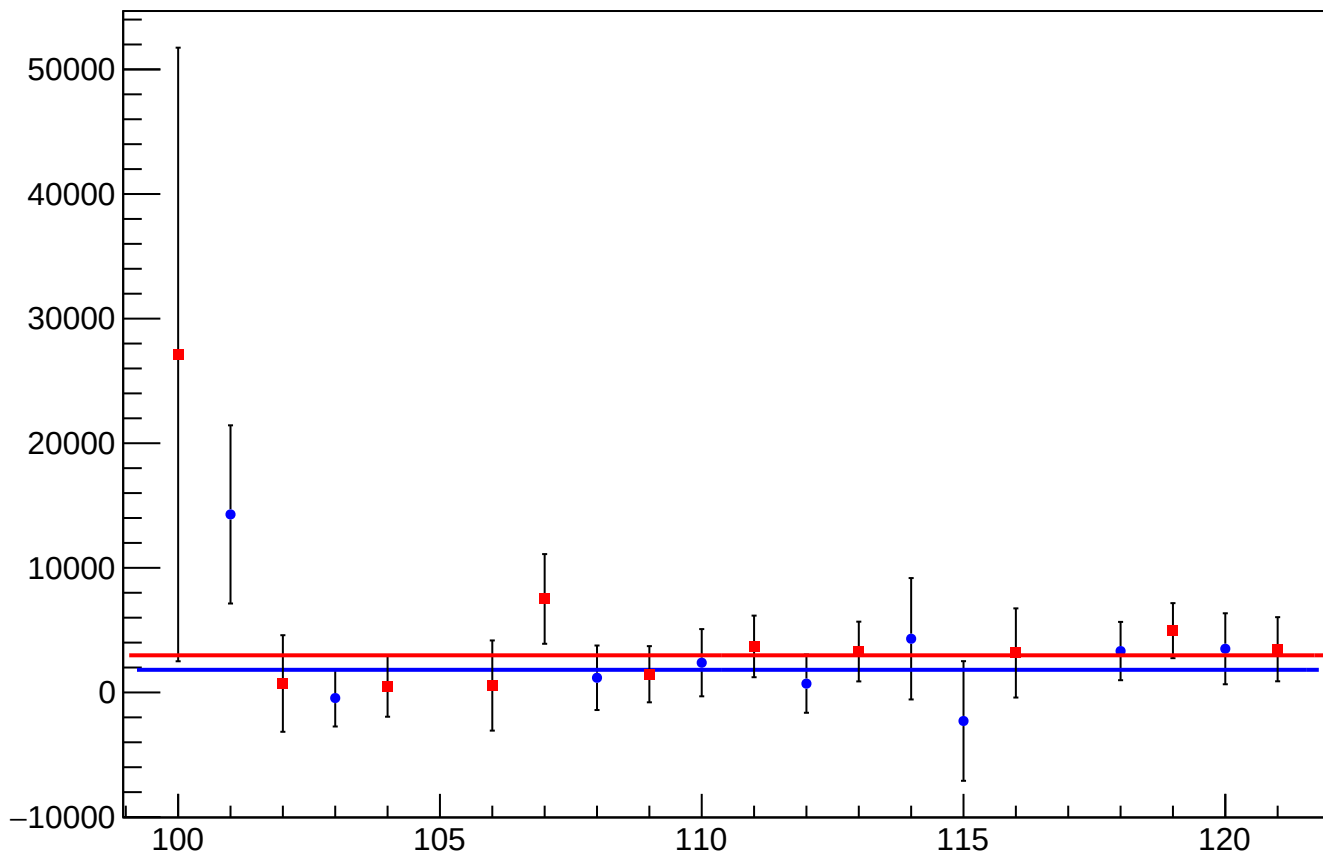
Right: 2722.998+/-0.704 χ^2/NDF : 1337395.0/19

In: 2996.229+/-1.141 χ^2/NDF : 417000.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2722.998+/-0.704 χ^2/NDF : 1337395.0/19

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1816.439+/-965.642 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2980.541+/-857.906 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

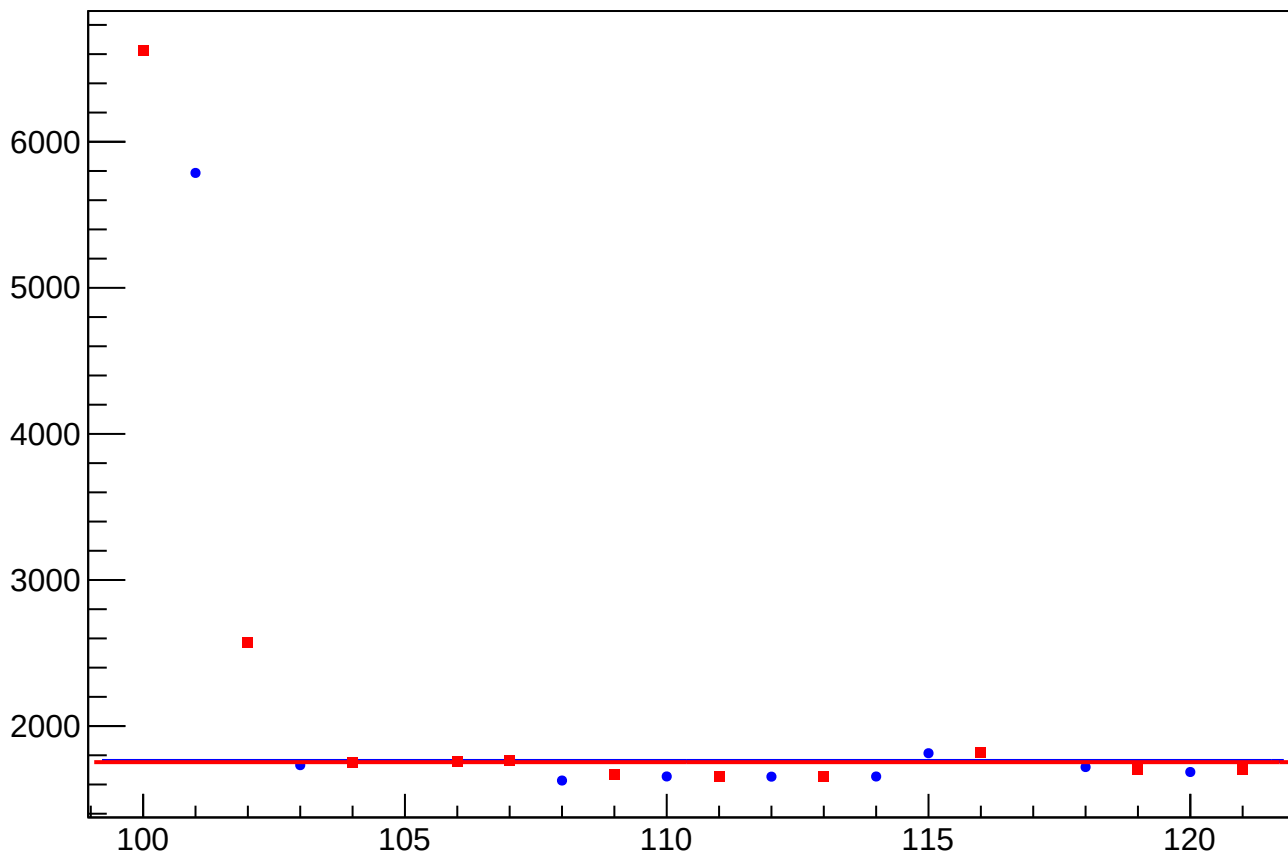
Right: 2467.027+/-641.353 χ^2/NDF : 12.7/19

In: 1816.439+/-965.642 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2467.027+/-641.353 χ^2/NDF : 12.7/19

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1752.958+/-0.604 χ^2/NDF : 180304.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

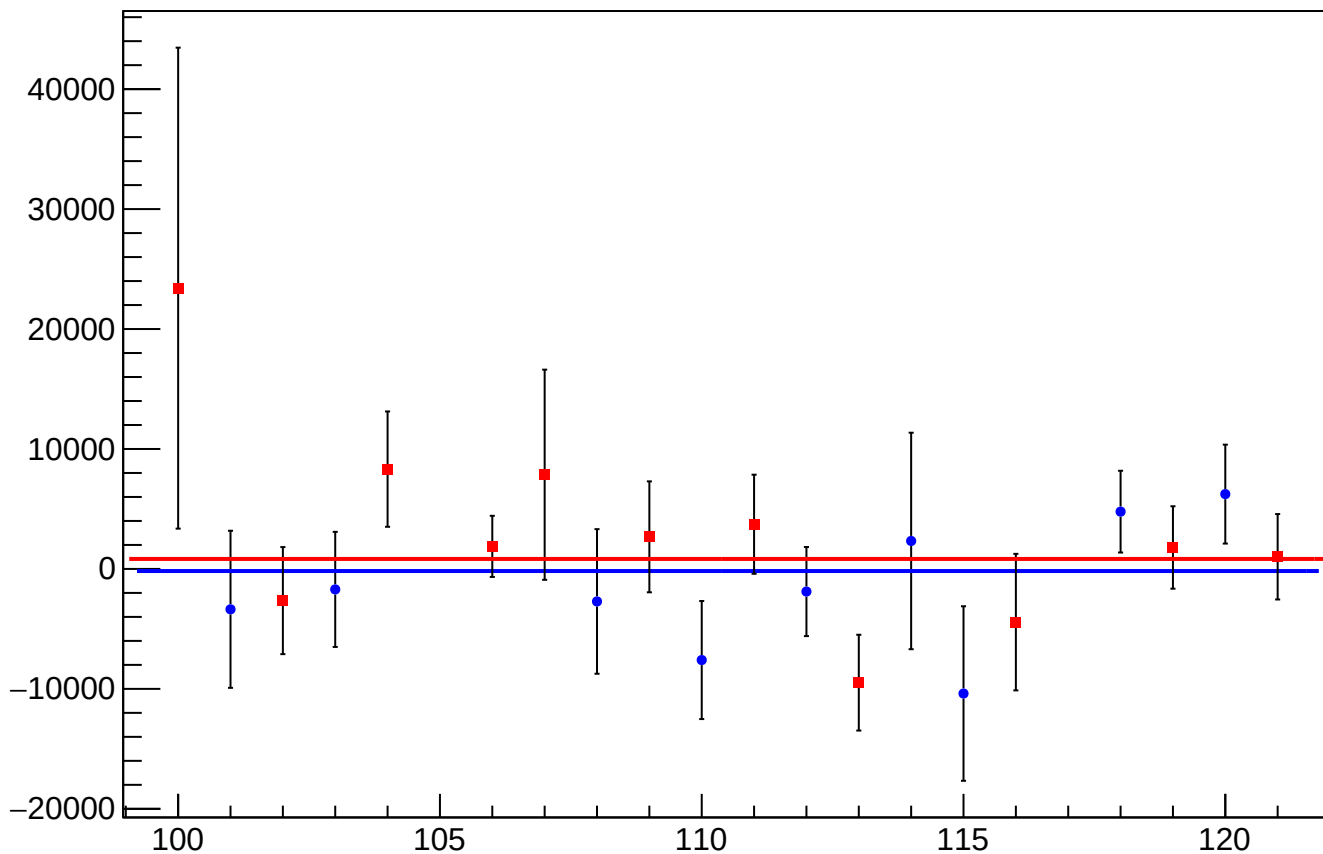
Right: 1756.502+/-0.452 χ^2/NDF : 830605.5/19

In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.502+/-0.452 χ^2/NDF : 830605.5/19

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -175.493+/-1613.384 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.016+/-1264.403 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

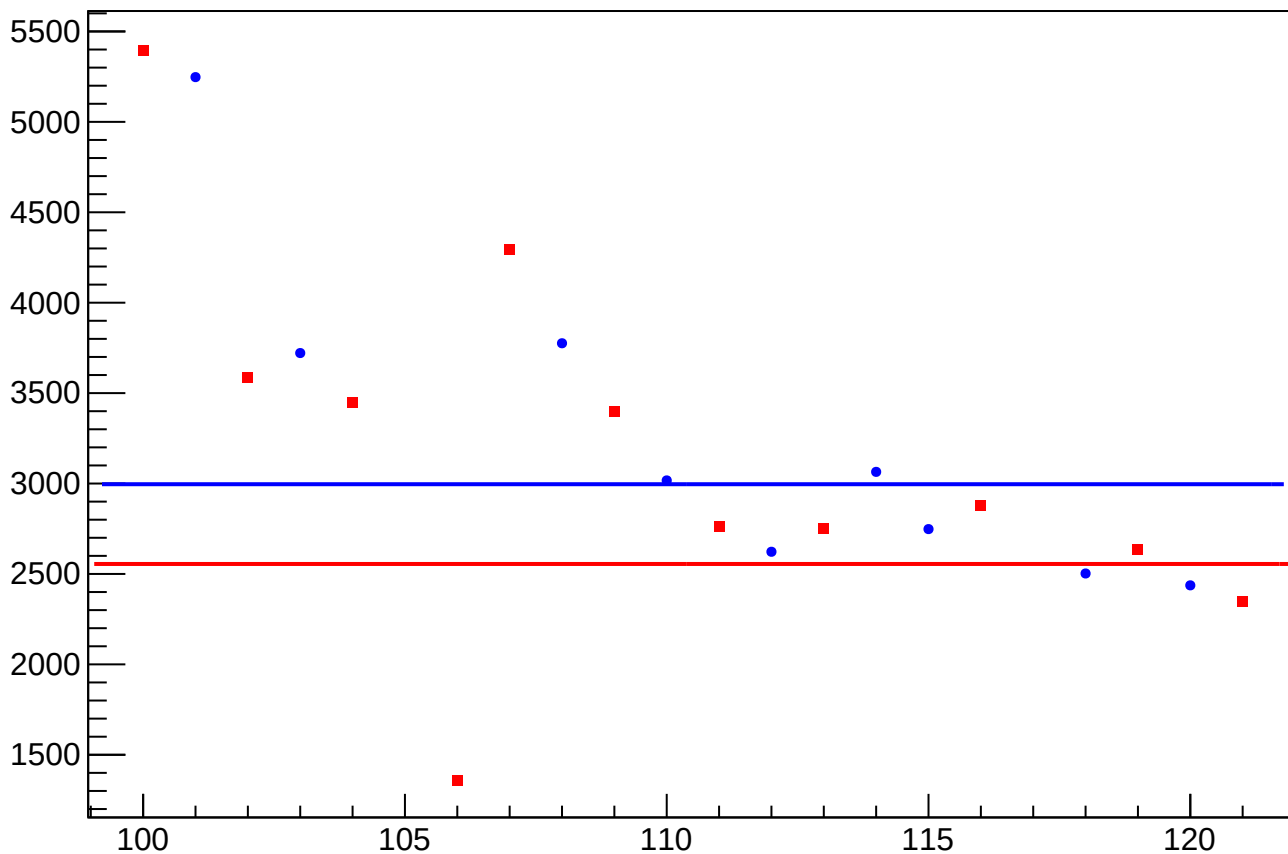
Right: 449.288+/-995.198 χ^2/NDF : 23.2/19

In: -175.493+/-1613.384 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.288+/-995.198 χ^2/NDF : 23.2/19

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2996.215+/-1.141 χ^2/NDF : 417004.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2555.172+/-0.894 χ^2/NDF : 827817.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

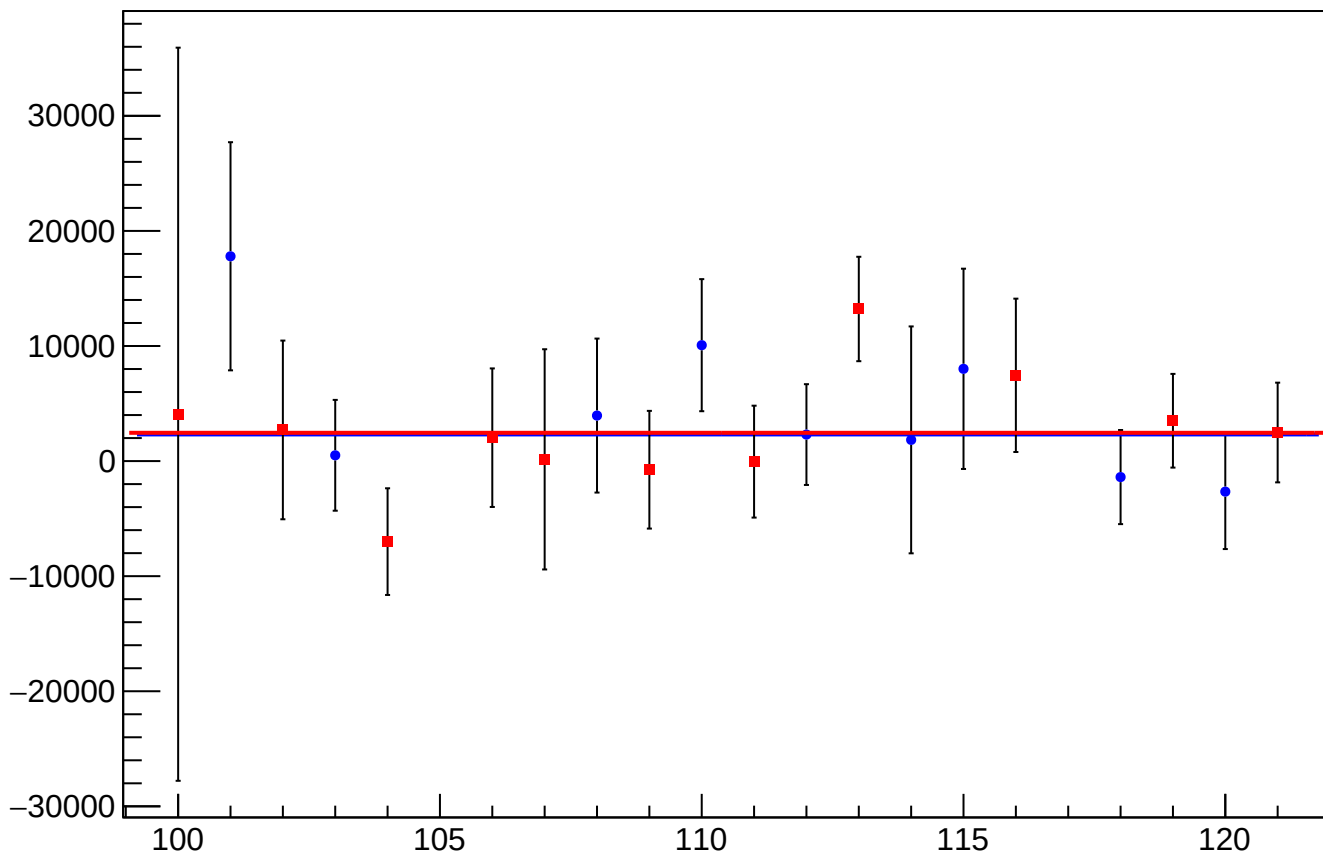
Right: 2722.985+/-0.704 χ^2/NDF : 1337412.8/19

In: 2996.215+/-1.141 χ^2/NDF : 417004.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2722.985+/-0.704 χ^2/NDF : 1337412.8/19

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2315.779+/-1884.240 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2457.059+/-1648.643 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

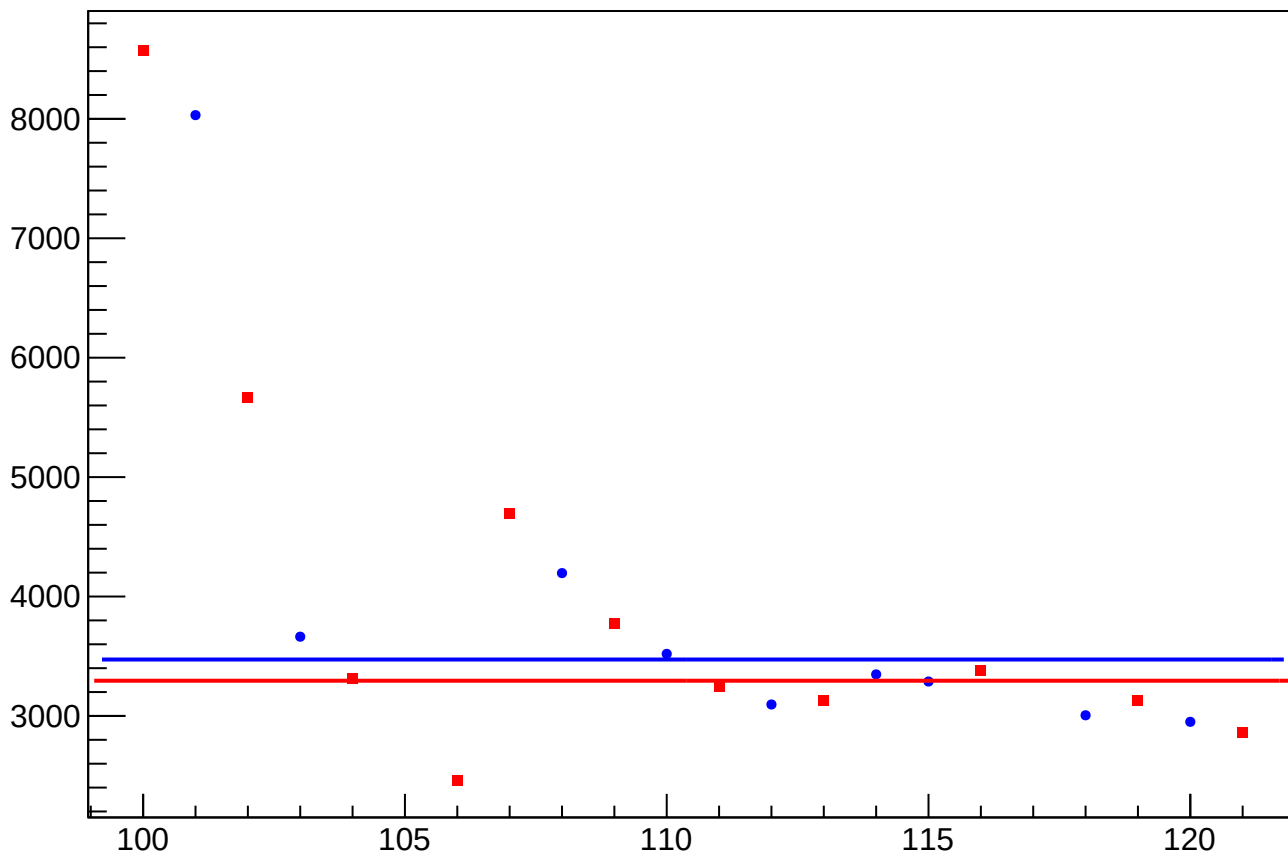
Right: 2395.799+/-1240.752 χ^2/NDF : 17.9/19

In: 2315.779+/-1884.240 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2395.799+/-1240.752 χ^2/NDF : 17.9/19

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3472.489+/-1.332 χ^2/NDF : 513705.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3294.861+/-1.139 χ^2/NDF : 390709.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

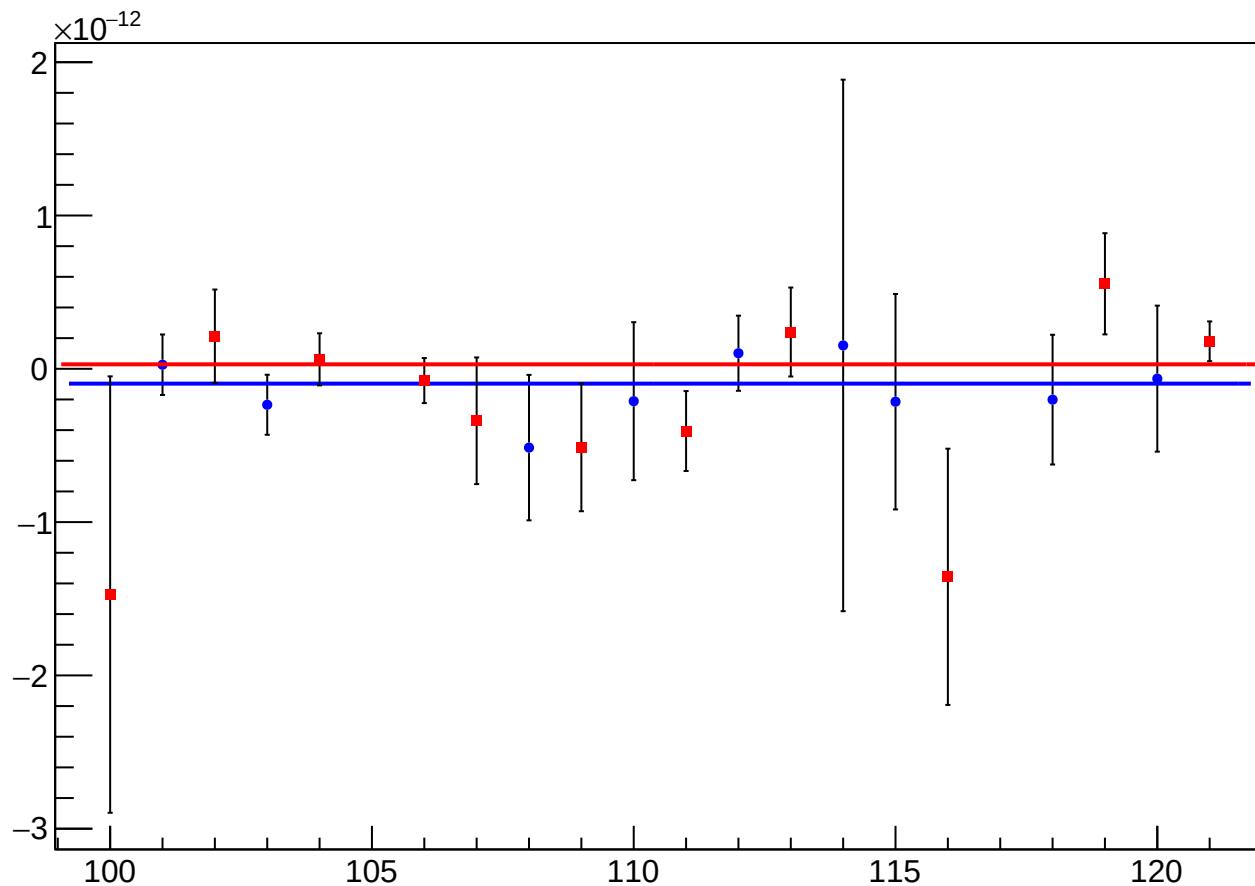
Right: 3369.863+/-0.866 χ^2/NDF : 914684.1/19

In: 3472.489+/-1.332 χ^2/NDF : 513705.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3369.863+/-0.866 χ^2/NDF : 914684.1/19

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

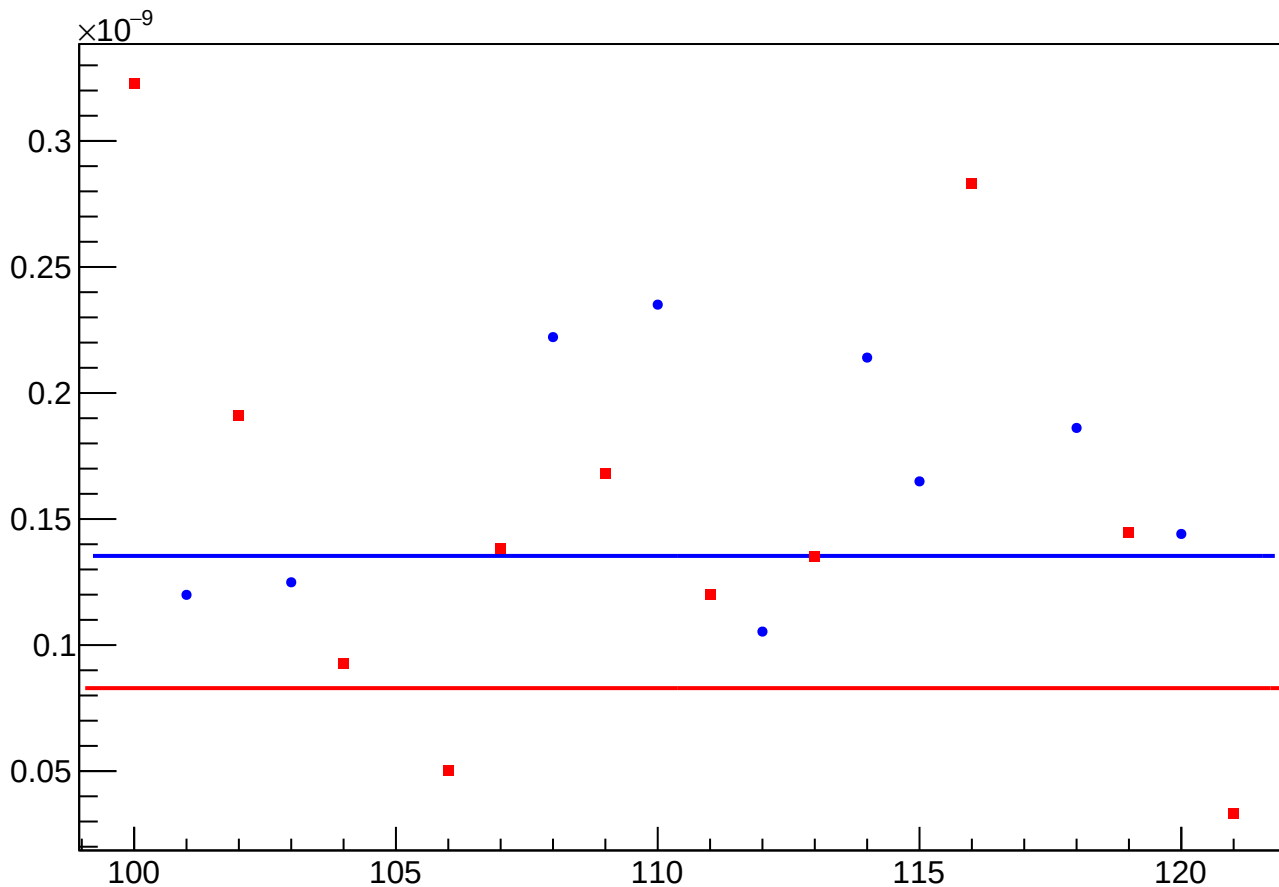
Right: -0.000+/-0.000 χ^2/NDF : 17.9/19

In: -0.000+/-0.000 χ^2/NDF : 2.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.9/19

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226891.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1120808.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

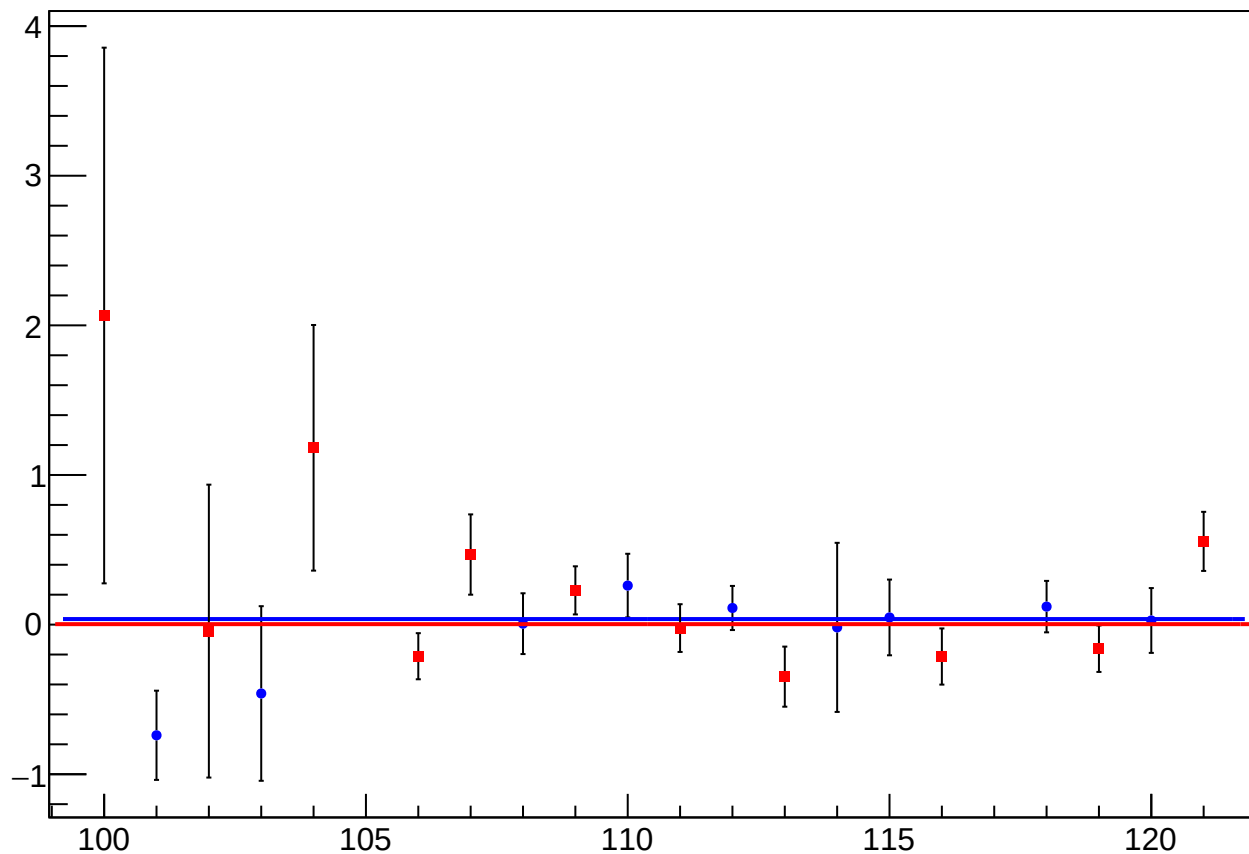
Right: 0.000+/-0.000 χ^2/NDF : 1686708.5/19

In: 0.000+/-0.000 χ^2/NDF : 226891.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1686708.5/19

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.062 χ^2/NDF : 23.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

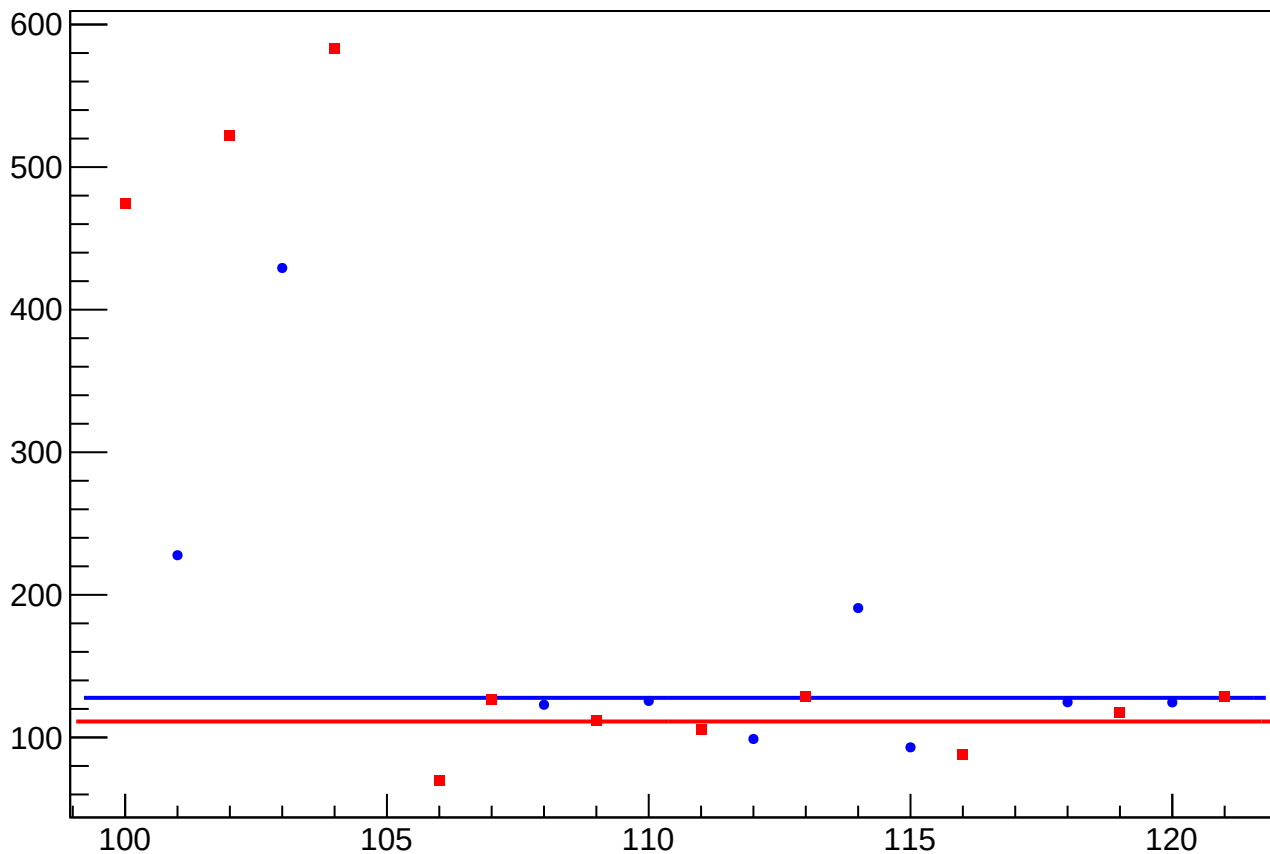
Right: 0.017+/-0.048 χ^2/NDF : 33.0/19

In: 0.037+/-0.074 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.048 χ^2/NDF : 33.0/19

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.179+/-0.044 χ^2/NDF : 1314653.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

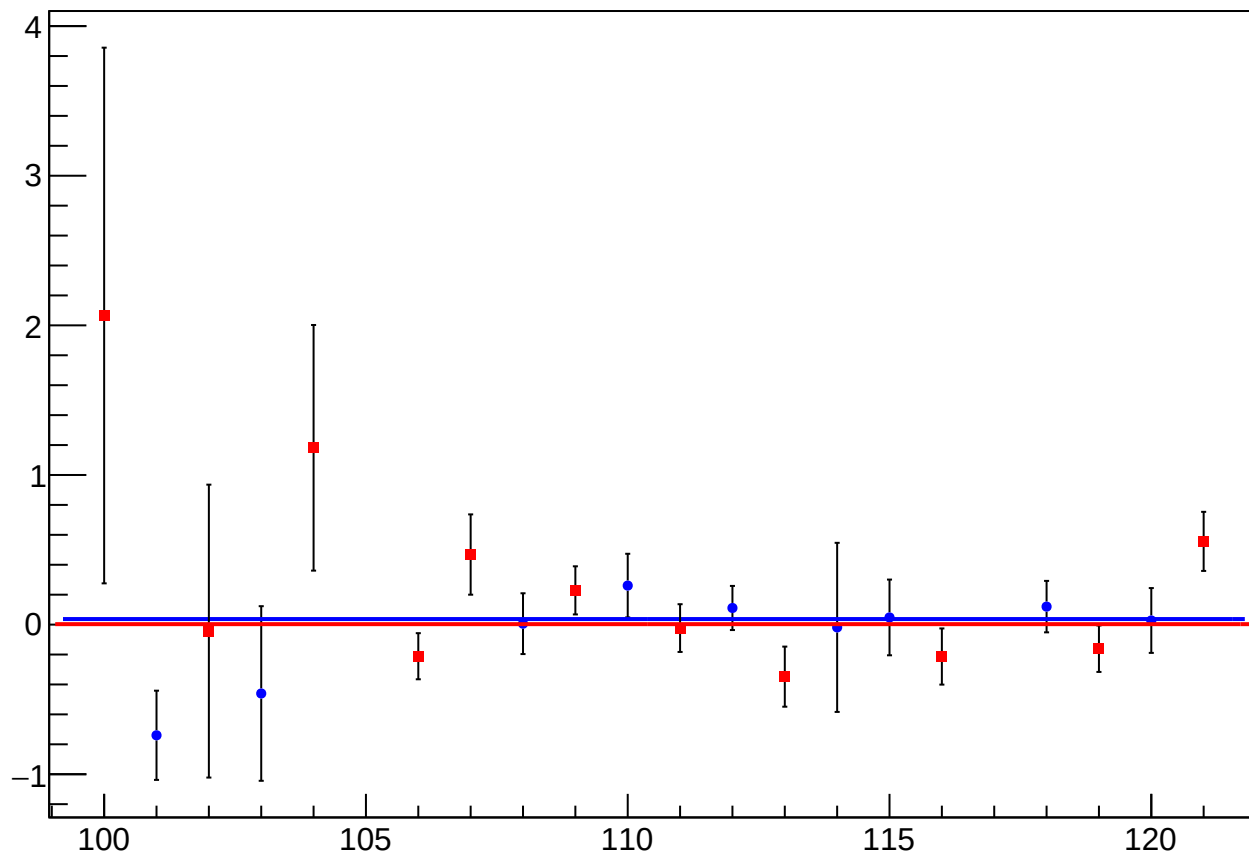
Right: 118.019+/-0.034 χ^2/NDF : 2273455.3/19

In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.019+/-0.034 χ^2/NDF : 2273455.3/19

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.062 χ^2/NDF : 23.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

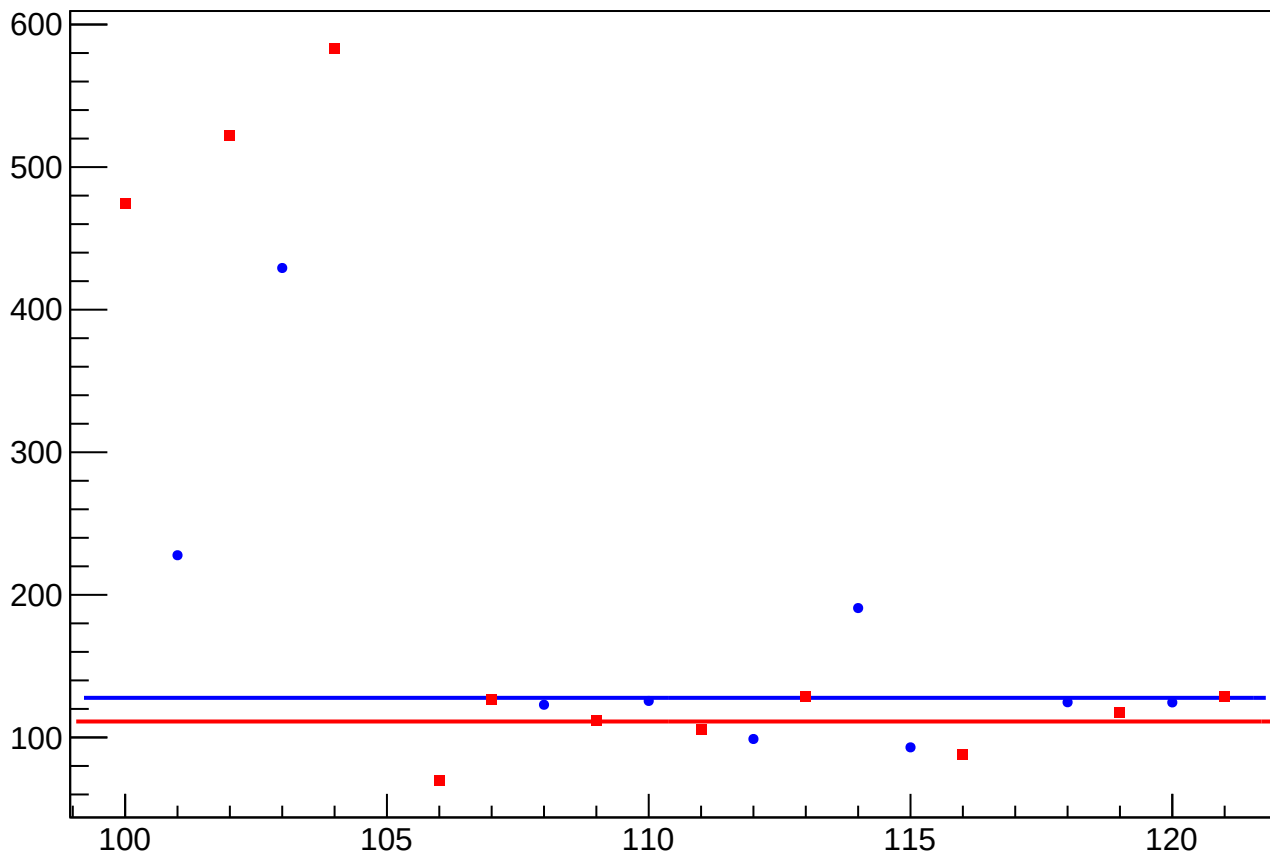
Right: 0.017+/-0.048 χ^2/NDF : 33.0/19

In: 0.037+/-0.074 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.048 χ^2/NDF : 33.0/19

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.179+/-0.044 χ^2/NDF : 1314653.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

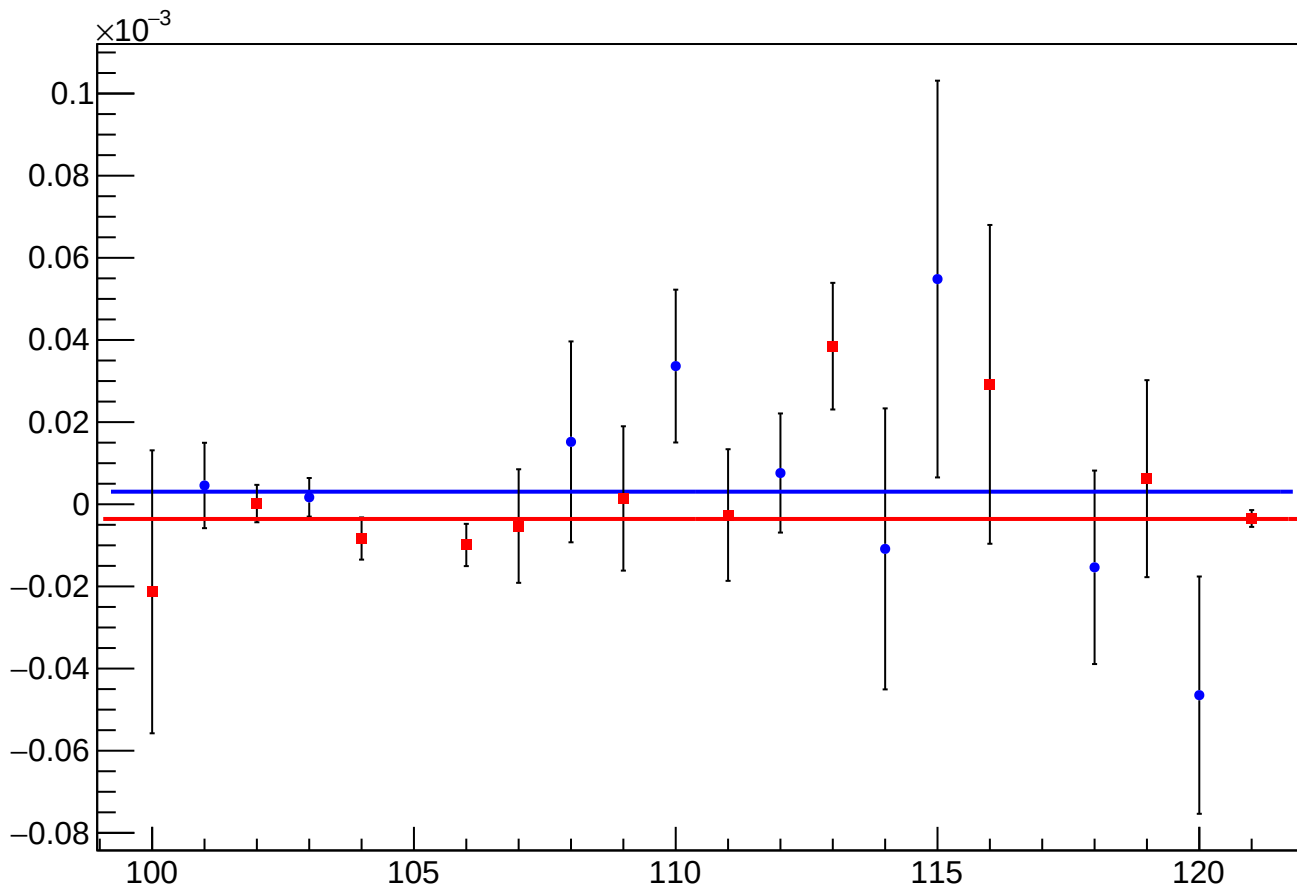
Right: 118.019+/-0.034 χ^2/NDF : 2273455.3/19

In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.019+/-0.034 χ^2/NDF : 2273455.3/19

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

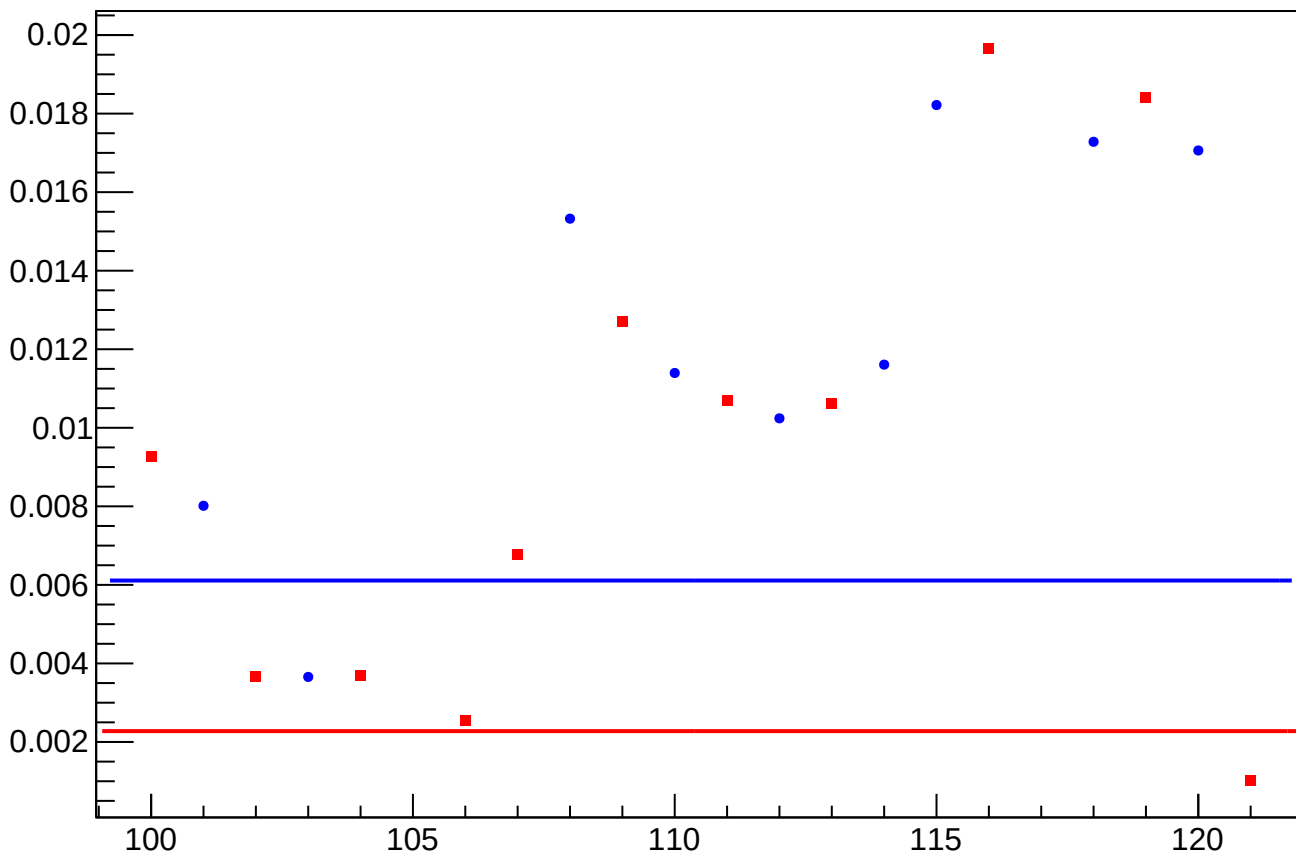
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/19

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2134767.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4551376.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

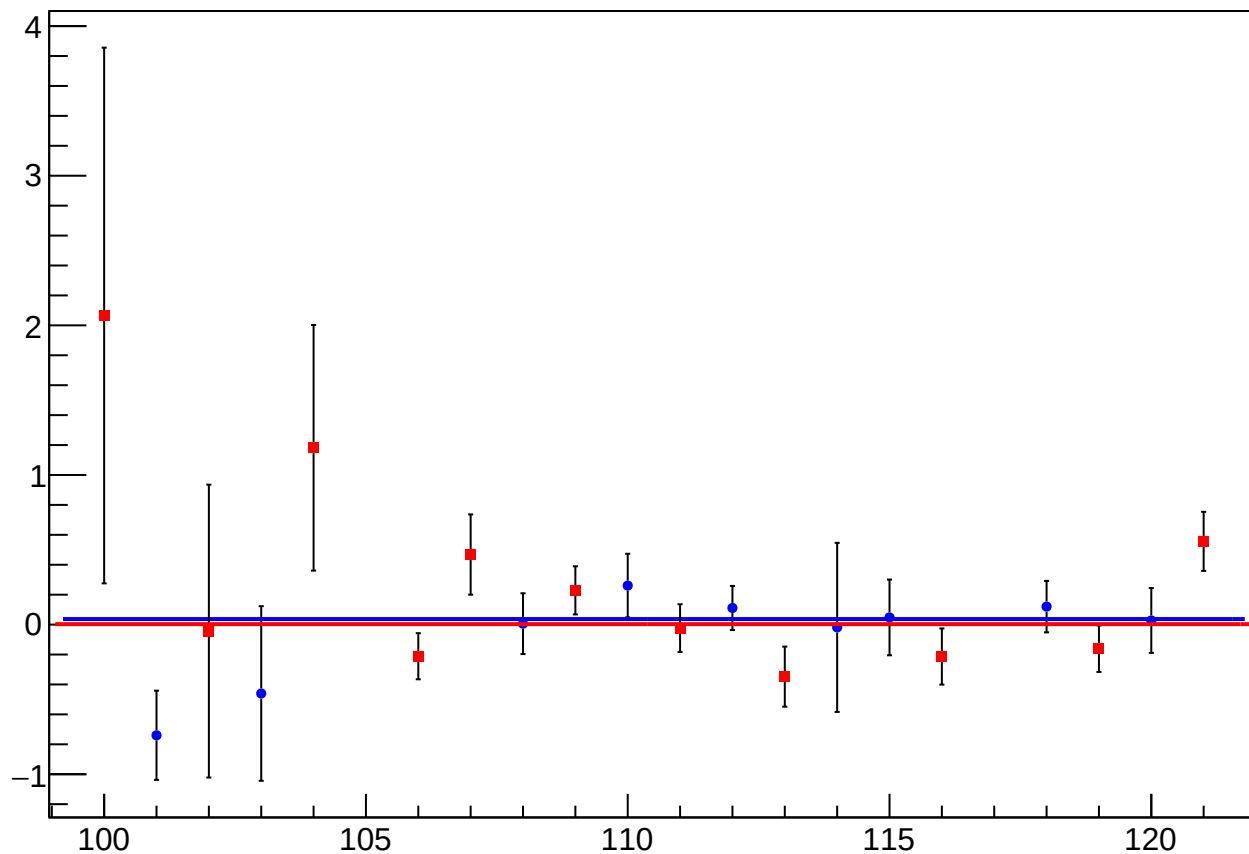
Right: 0.003+/-0.000 χ^2/NDF : 8386616.2/19

In: 0.006+/-0.000 χ^2/NDF :2134767.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8386616.2/19

asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.062 χ^2 /NDF: 23.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

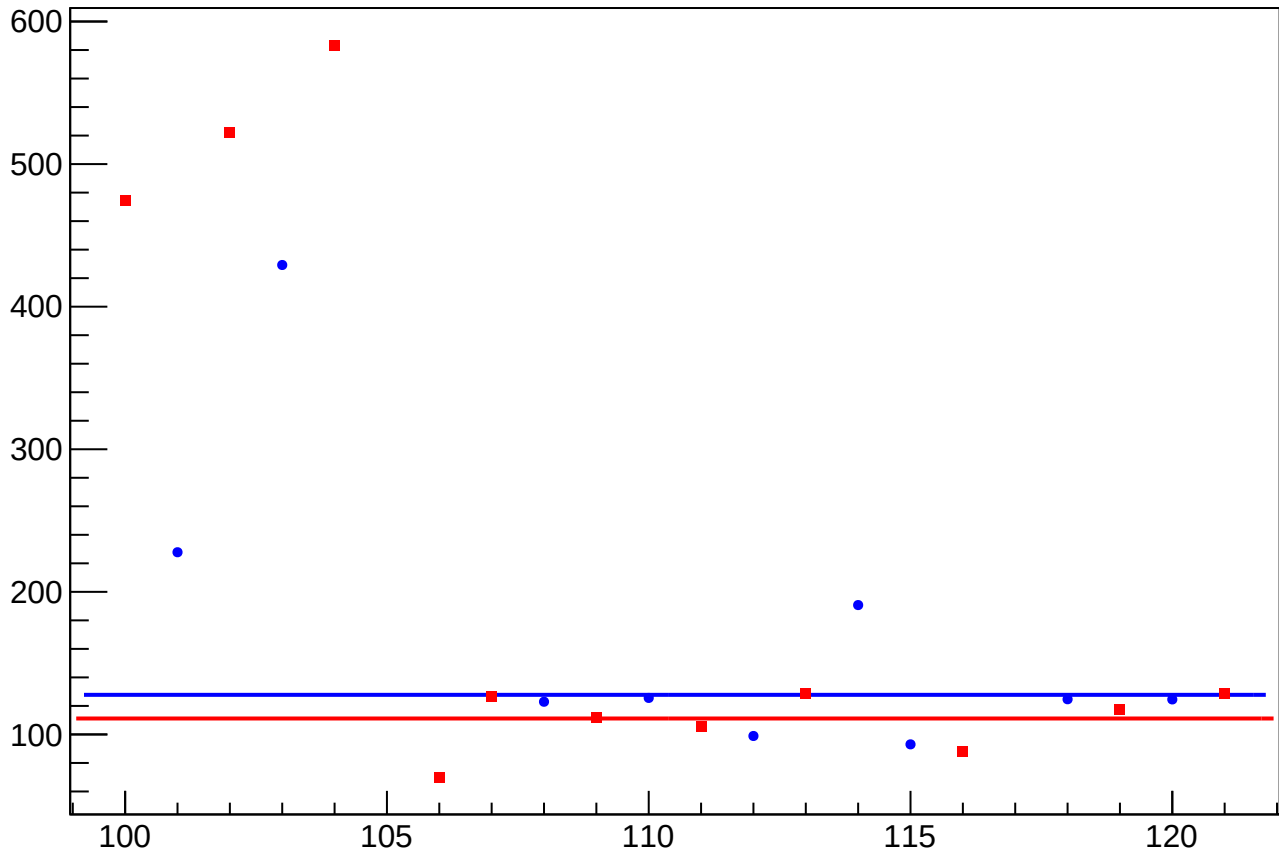
Right: 0.017 $\pm$ 0.048 χ^2 /NDF: 33.0/19

In: 0.037 $\pm$ 0.074 χ^2 /NDF:9.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.048 χ^2 /NDF: 33.0/19

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.774+/-0.053 χ^2/NDF : 900375.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.181+/-0.044 χ^2/NDF : 1314612.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

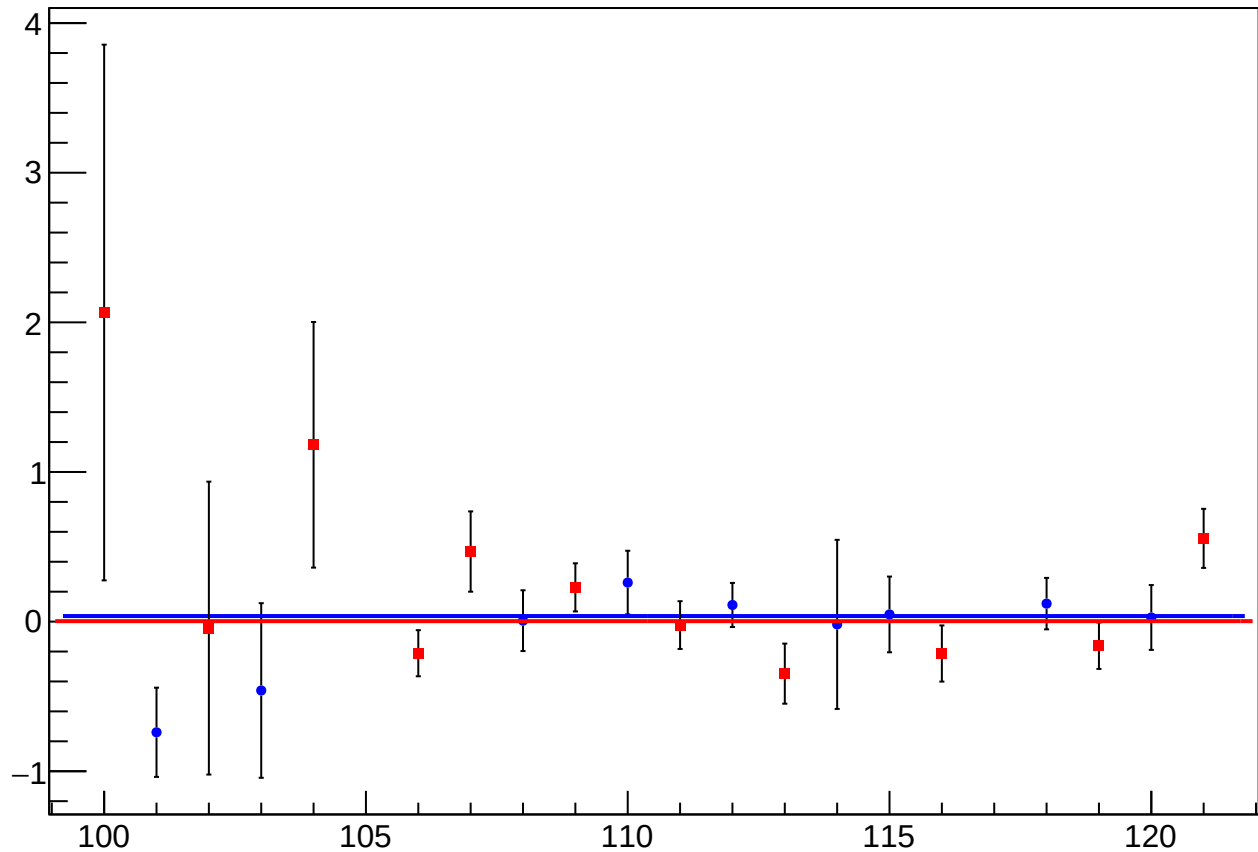
Right: 118.021+/-0.034 χ^2/NDF : 2273371.3/19

In: 127.774+/-0.053 χ^2/NDF : 900375.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.021+/-0.034 χ^2/NDF : 2273371.3/19

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.062 χ^2 /NDF: 23.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

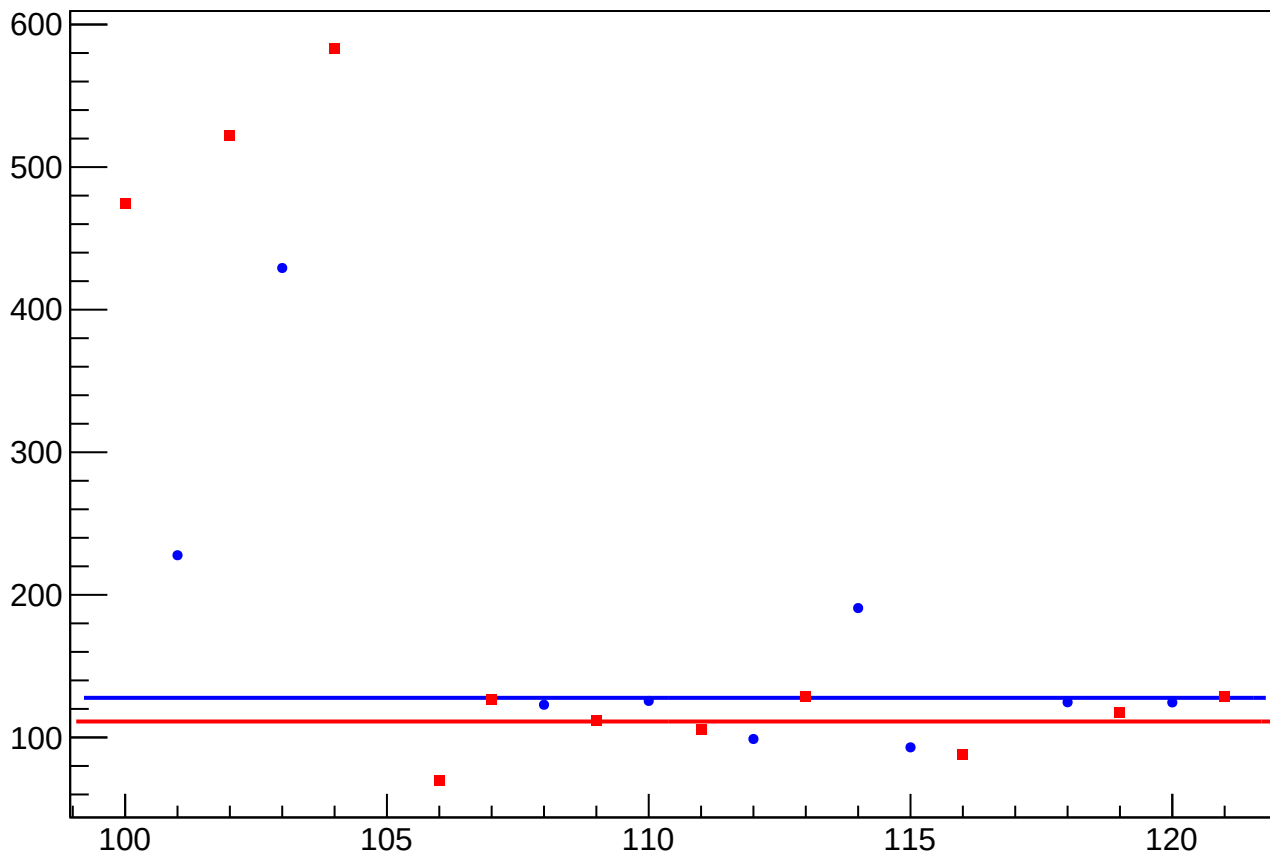
Right: 0.017 $\pm$ 0.048 χ^2 /NDF: 33.0/19

In: 0.037 $\pm$ 0.074 χ^2 /NDF:9.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.048 χ^2 /NDF: 33.0/19

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.774+/-0.053 χ^2/NDF : 900375.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.181+/-0.044 χ^2/NDF : 1314612.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

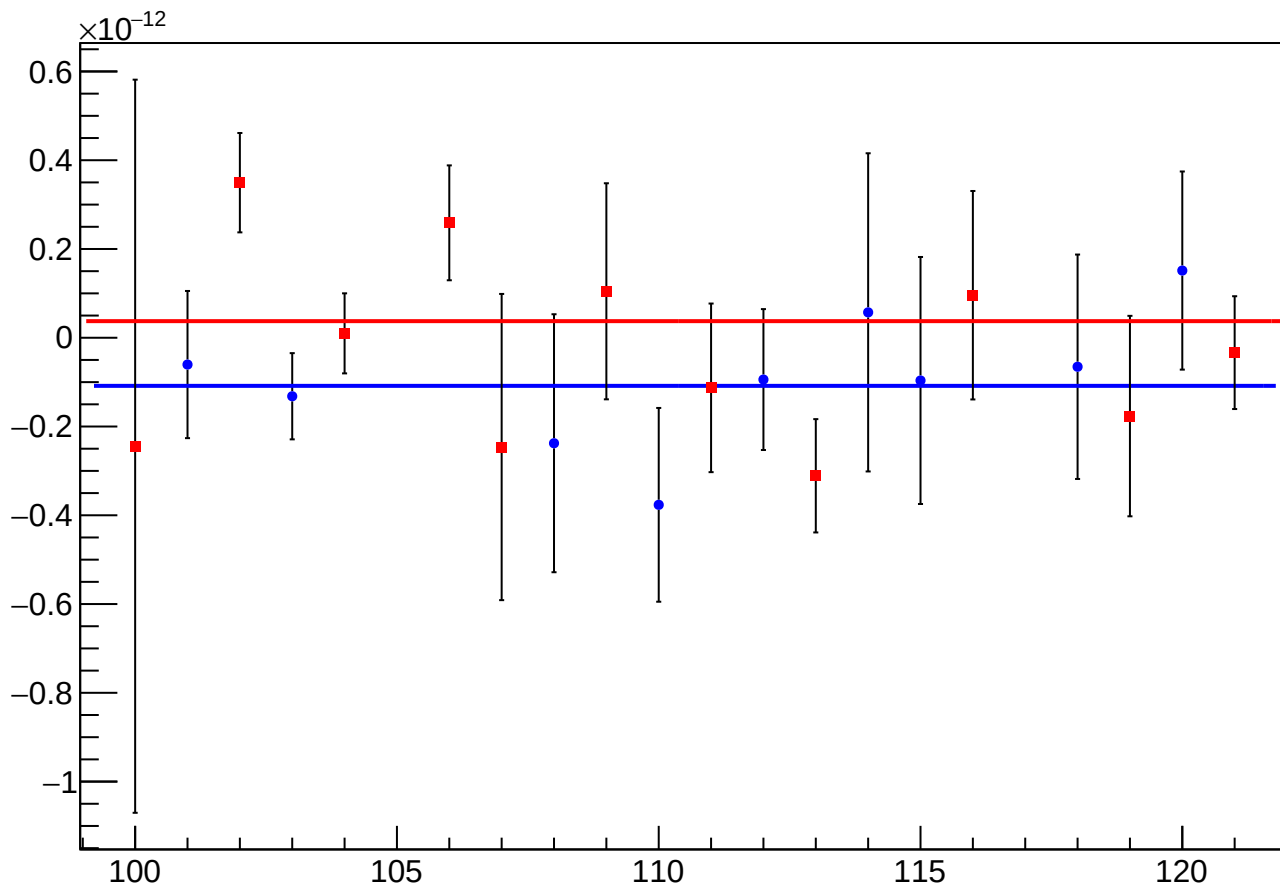
Right: 118.021+/-0.034 χ^2/NDF : 2273371.3/19

In: 127.774+/-0.053 χ^2/NDF : 900375.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.021+/-0.034 χ^2/NDF : 2273371.3/19

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 21.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

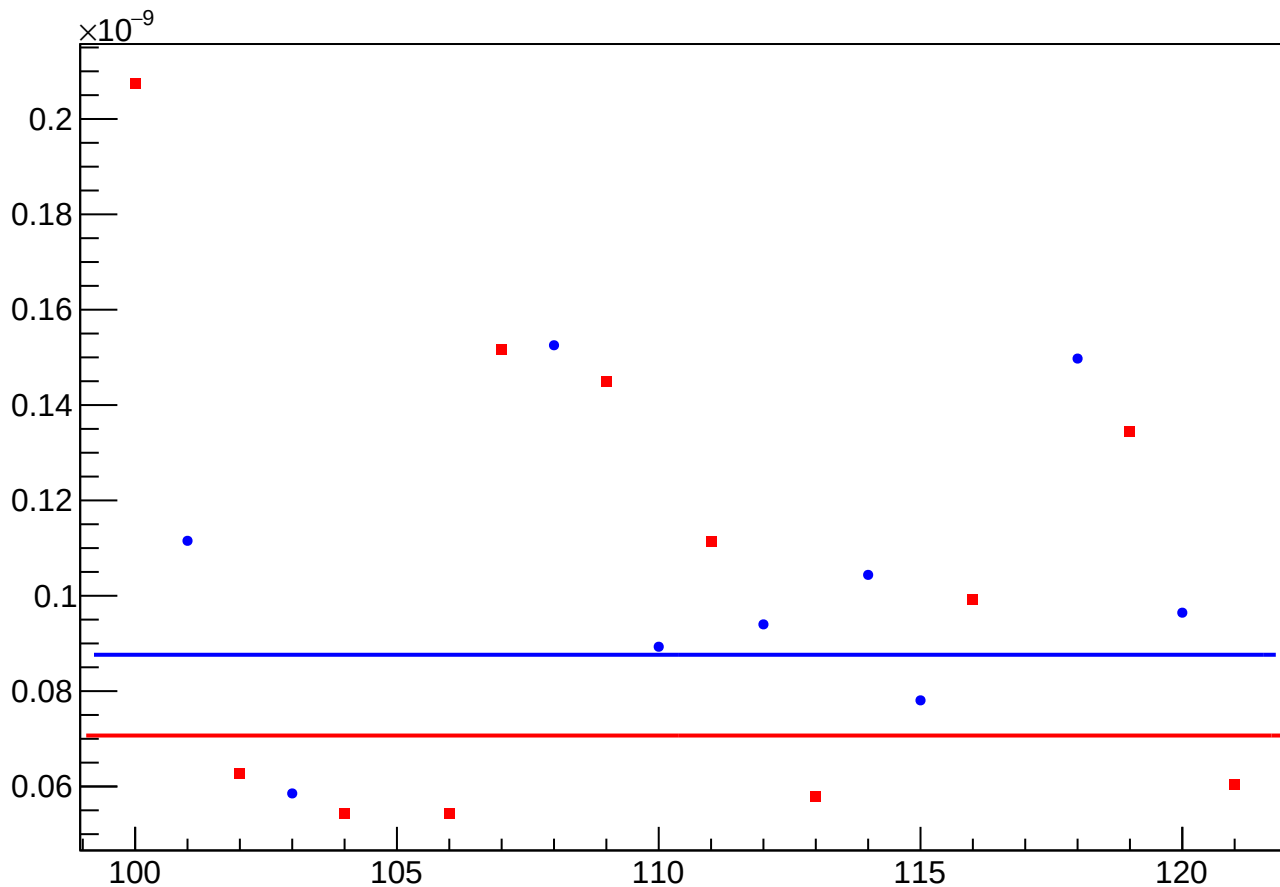
Right: -0.000+/-0.000 χ^2 /NDF: 28.1/19

In: -0.000+/-0.000 χ^2 /NDF:3.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.1/19

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 454613.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 772693.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

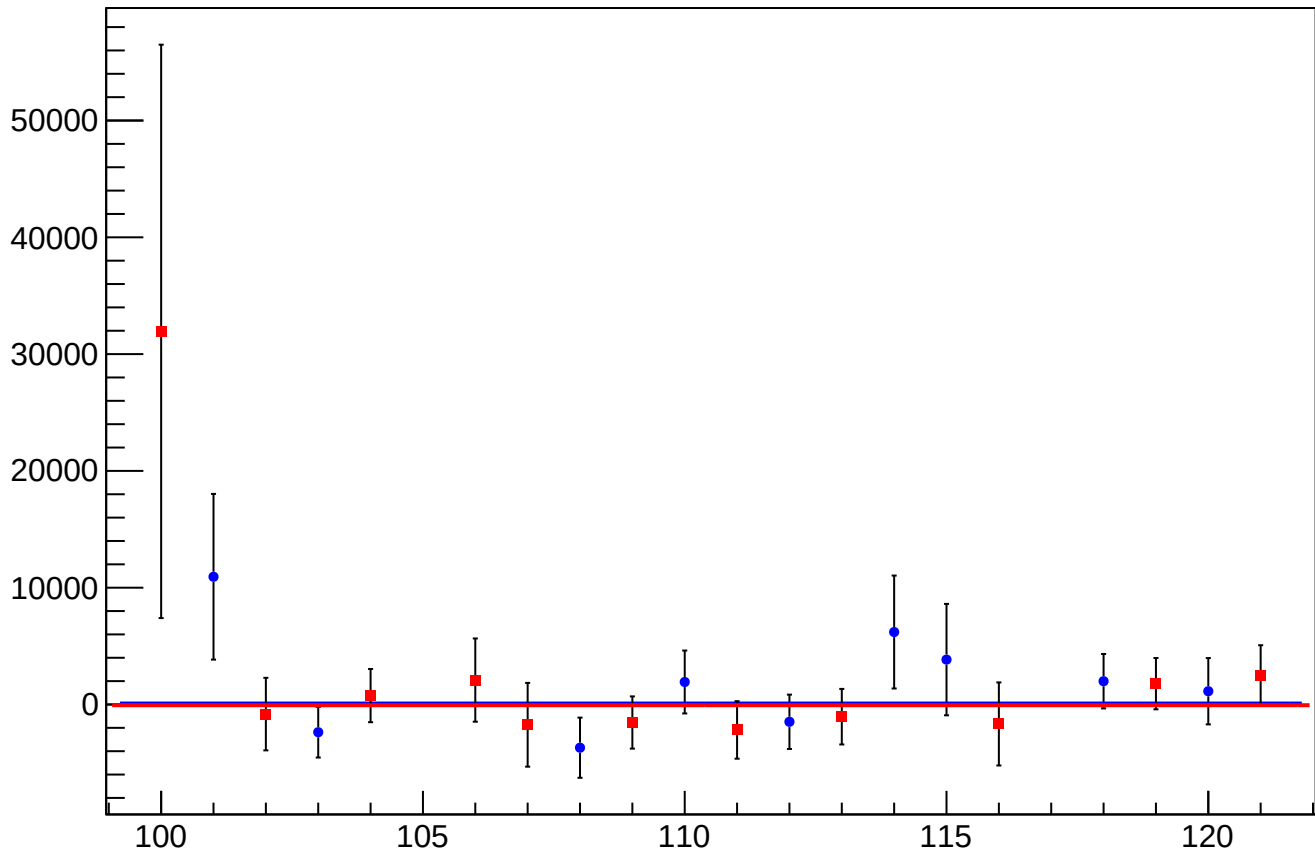
Right: 0.000+/-0.000 χ^2/NDF : 1326621.3/19

In: 0.000+/-0.000 χ^2/NDF : 454613.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1326621.3/19

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 80.948+/-953.250 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.188+/-834.908 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

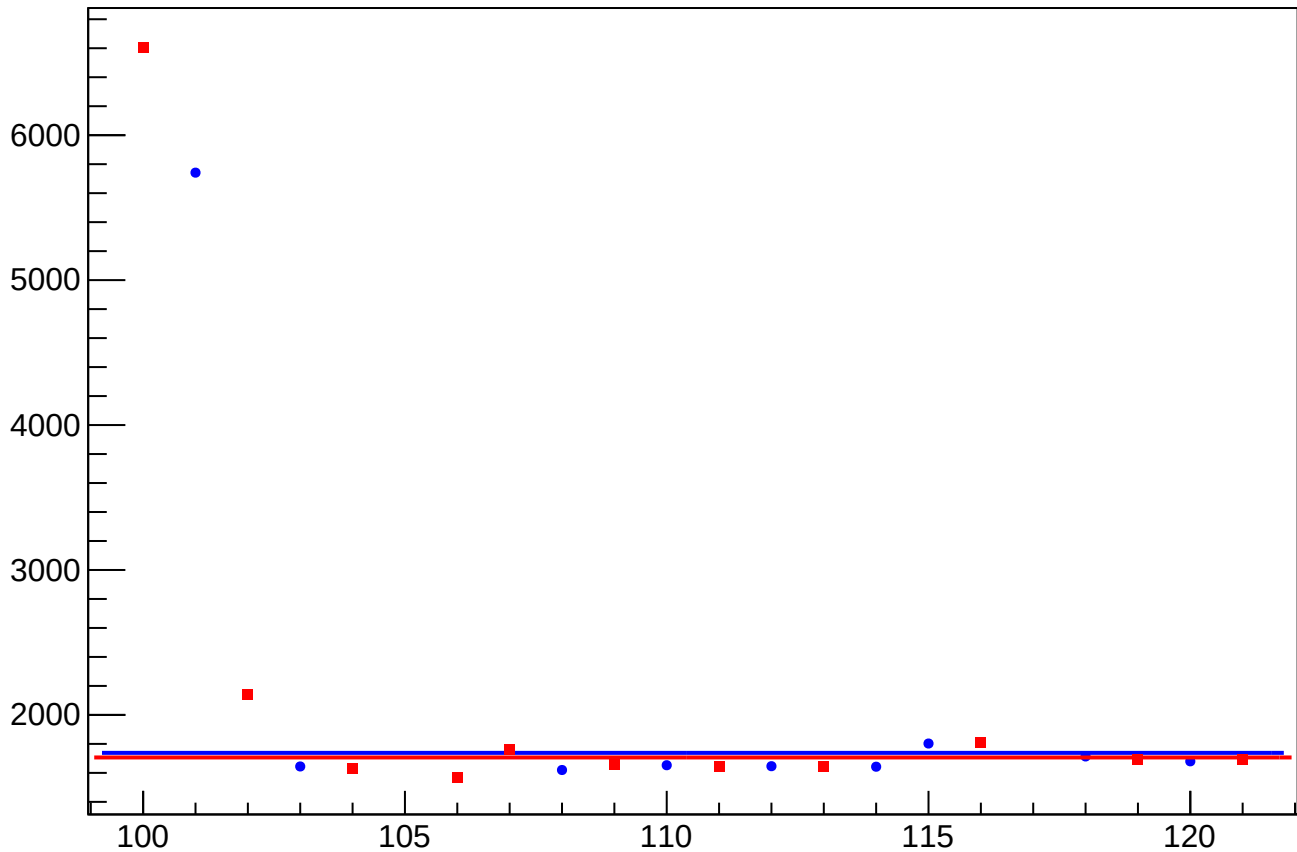
Right: -0.052+/-628.066 χ^2/NDF : 15.5/19

In: 80.948+/-953.250 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.052+/-628.066 χ^2/NDF : 15.5/19

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.168+/-0.674 χ^2/NDF : 652470.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.396+/-0.583 χ^2/NDF : 131657.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

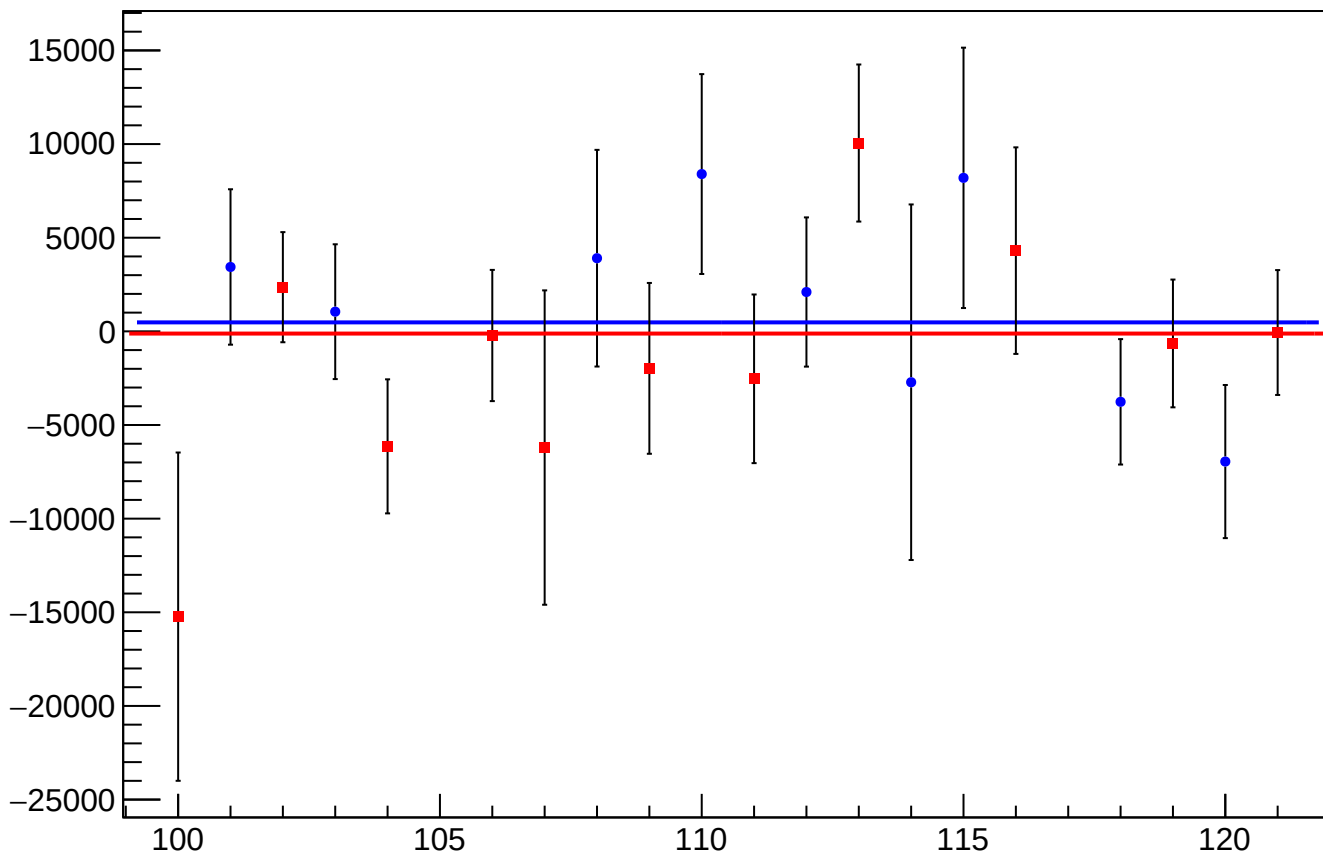
Right: 1720.003+/-0.441 χ^2/NDF : 785398.5/19

In: 1738.168+/-0.674 χ^2/NDF : 652470.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.003+/-0.441 χ^2/NDF : 785398.5/19

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 479.176+/-1500.482 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.117+/-1225.753 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

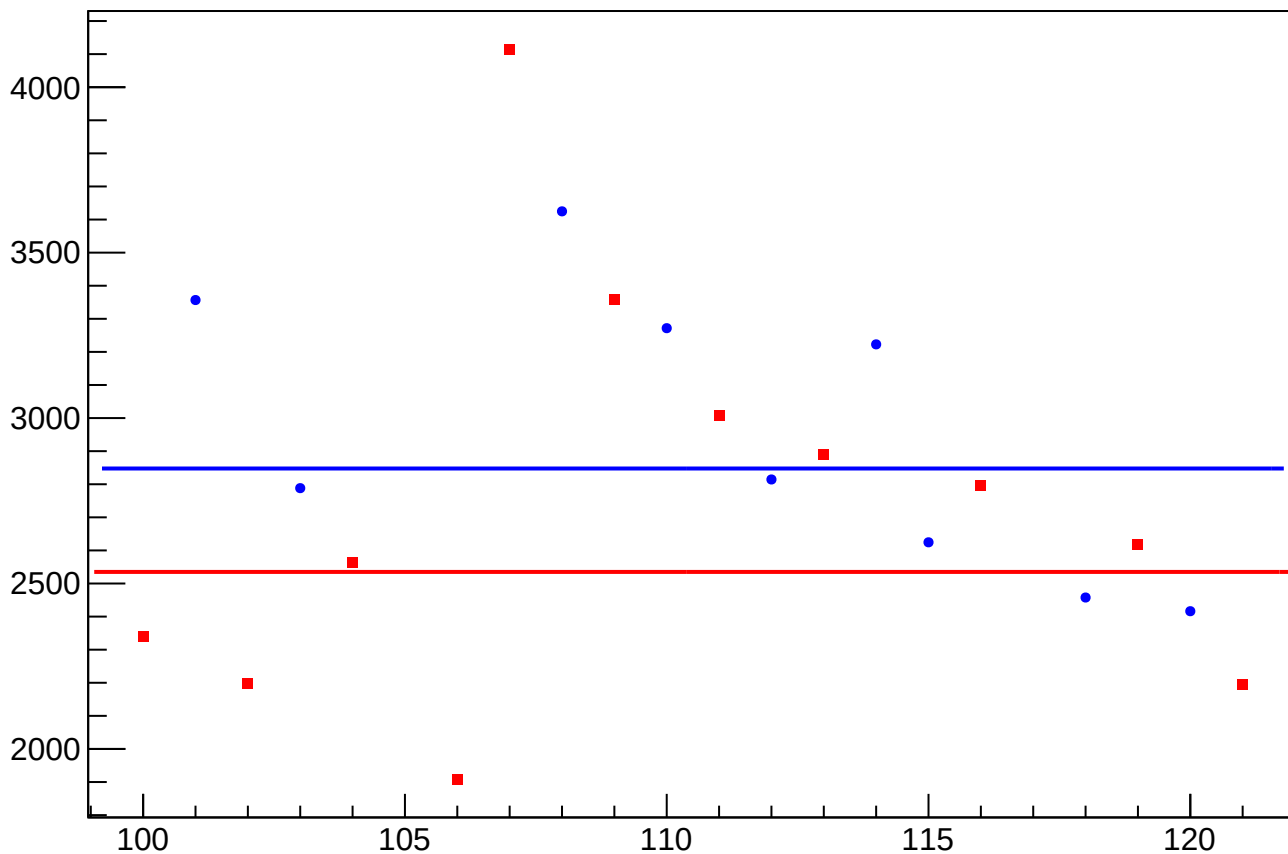
Right: 120.944+/-949.274 χ^2/NDF : 23.7/19

In: 479.176+/-1500.482 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.944+/-949.274 χ^2/NDF : 23.7/19

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2847.583+/-1.061 χ^2/NDF : 134115.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2535.026+/-0.867 χ^2/NDF : 290973.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

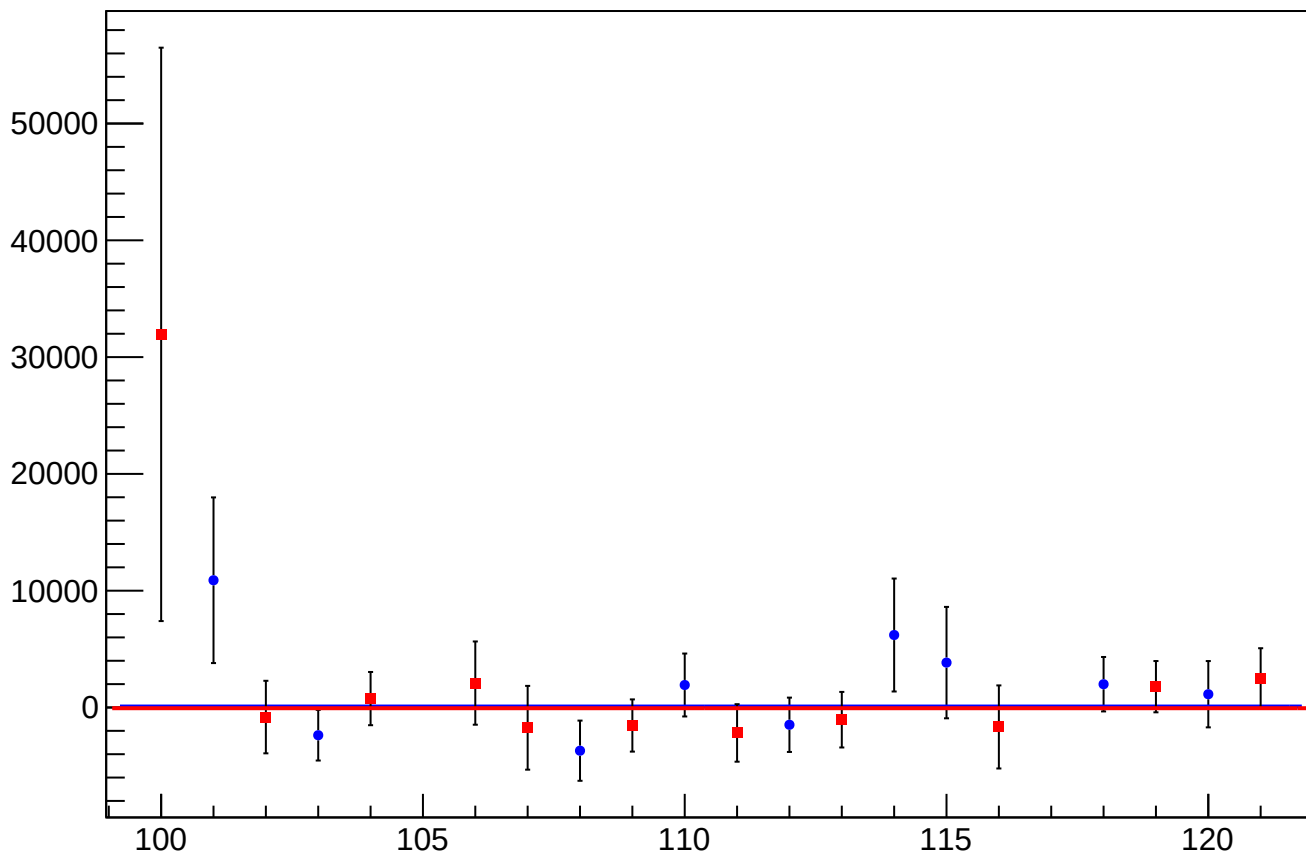
Right: 2660.124+/-0.671 χ^2/NDF : 477136.7/19

In: 2847.583+/-1.061 χ^2/NDF :134115.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2660.124+/-0.671 χ^2/NDF : 477136.7/19

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 80.203+/-953.251 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.081+/-834.908 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

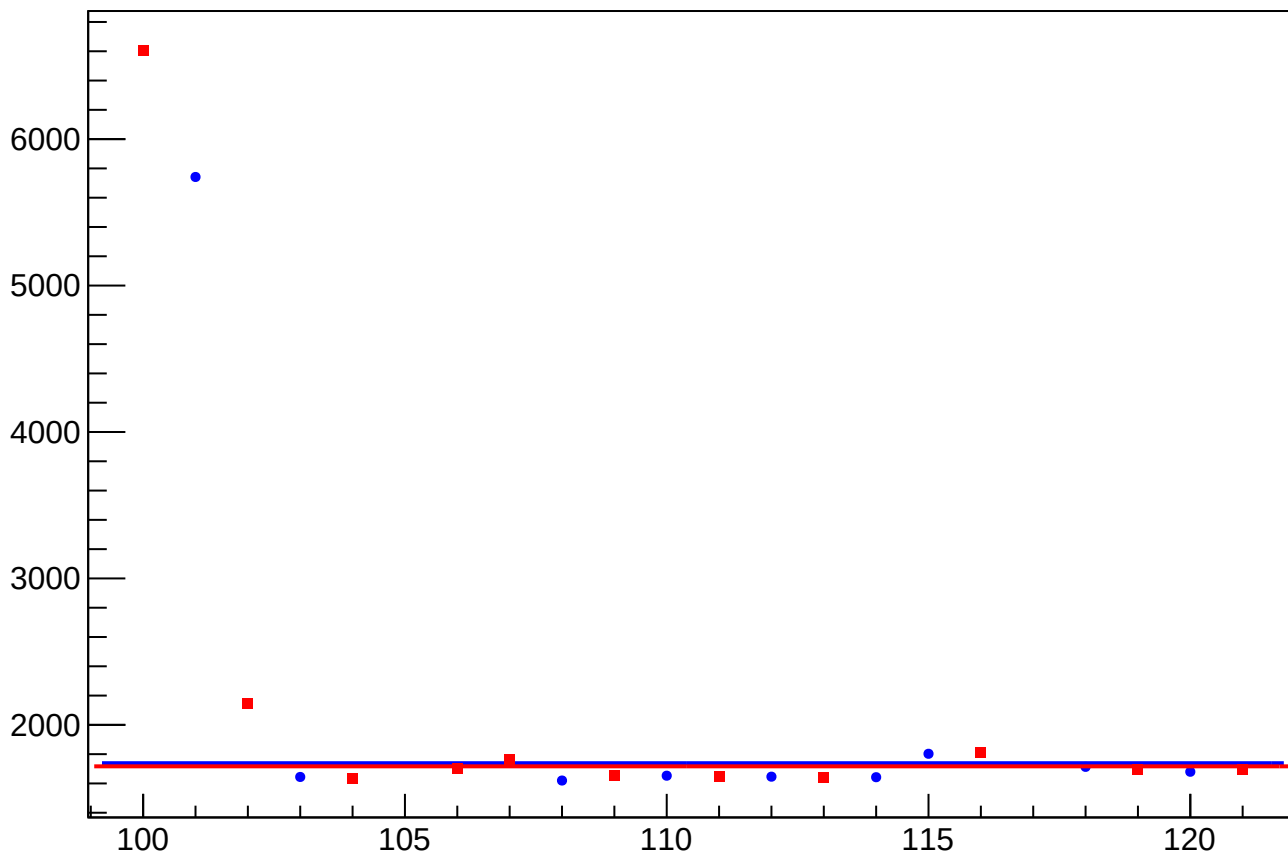
Right: -0.314+/-628.066 χ^2/NDF : 15.5/19

In: 80.203+/-953.251 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.314+/-628.066 χ^2/NDF : 15.5/19

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.838+/-0.587 χ^2/NDF : 127018.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

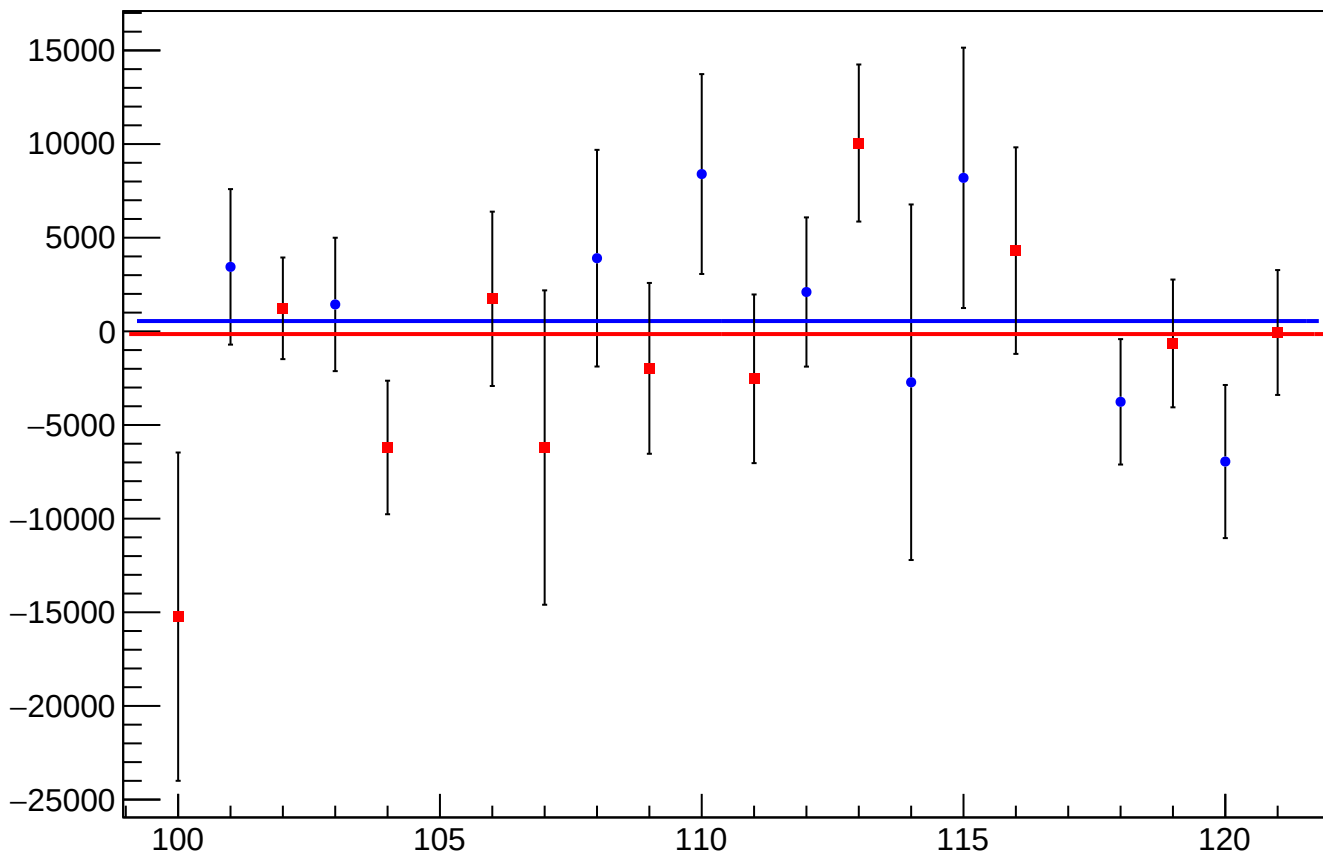
Right: 1726.033+/-0.443 χ^2/NDF : 780059.1/19

In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.033+/-0.443 χ^2/NDF : 780059.1/19

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.060+/-1239.365 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

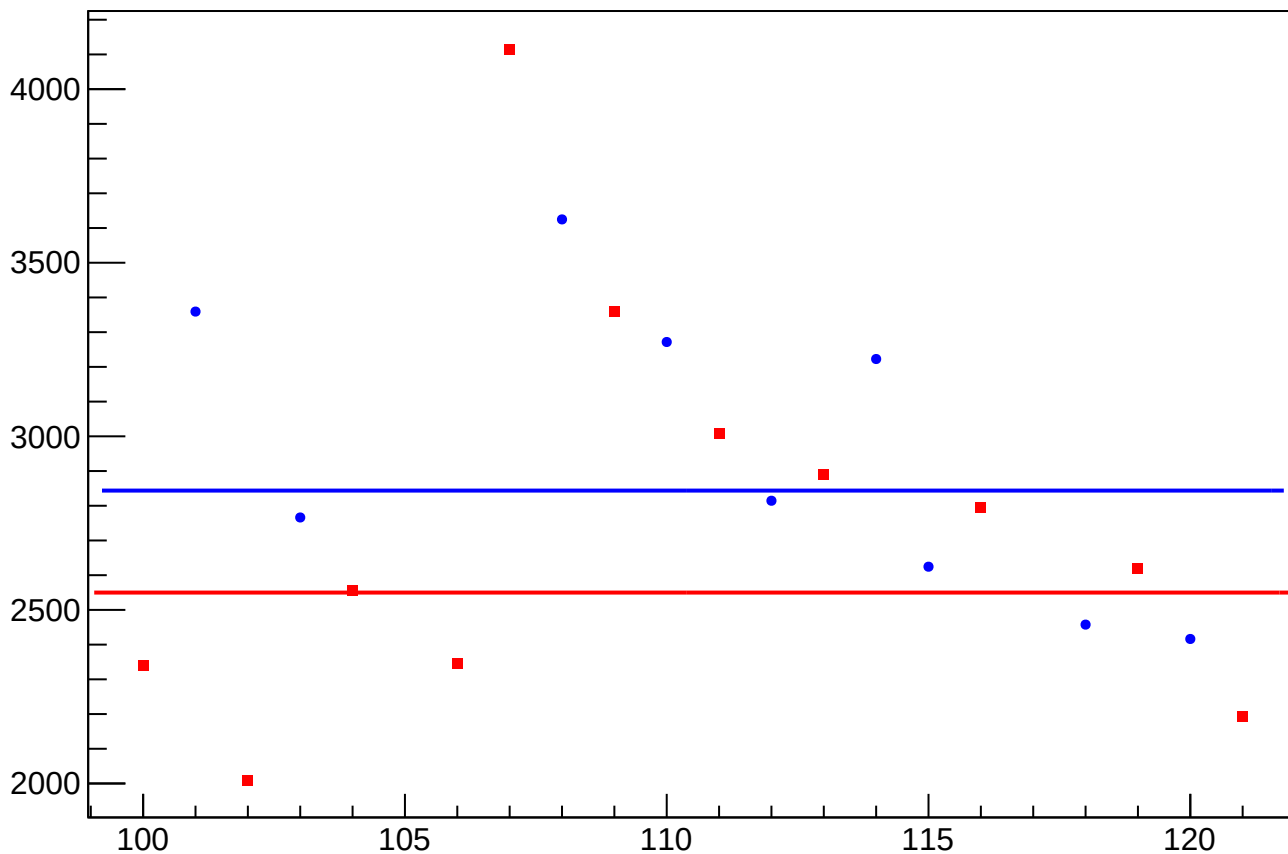
Right: 137.316+/-954.876 χ^2/NDF : 23.5/19

In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.316+/-954.876 χ^2/NDF : 23.5/19

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2549.936+/-0.876 χ^2/NDF : 278091.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

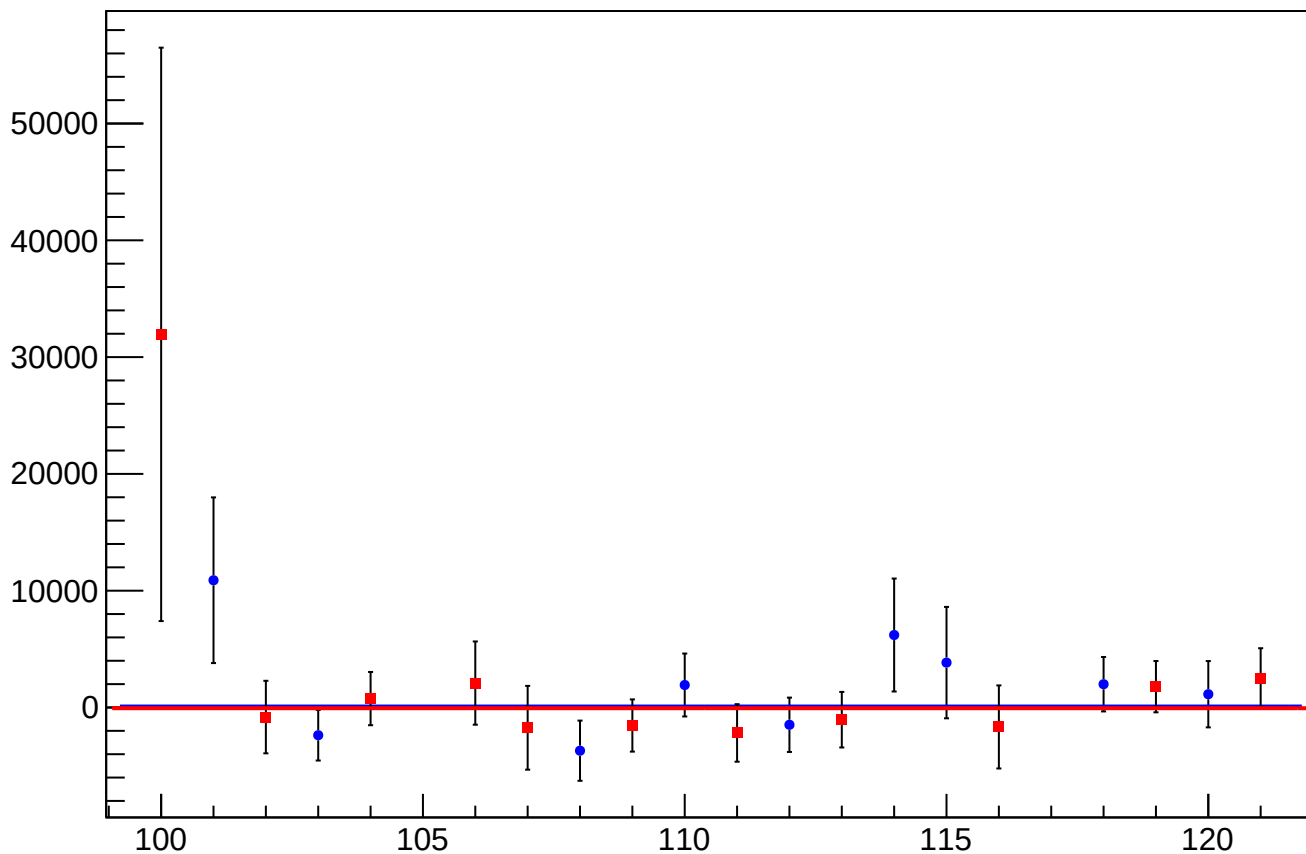
Right: 2669.322+/-0.675 χ^2/NDF : 458625.9/19

In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2669.322+/-0.675 χ^2/NDF : 458625.9/19

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 80.203+/-953.251 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.081+/-834.908 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

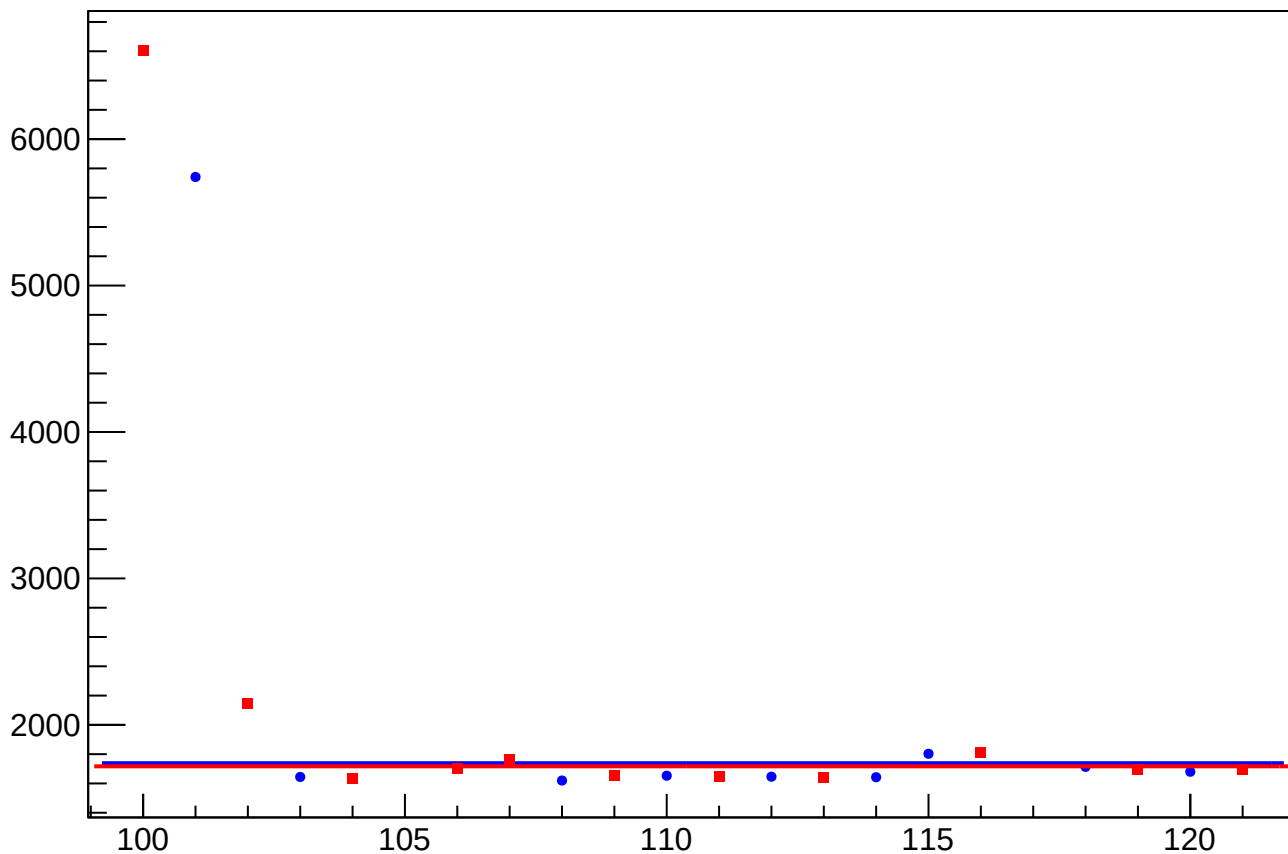
Right: -0.314+/-628.066 χ^2/NDF : 15.5/19

In: 80.203+/-953.251 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.314+/-628.066 χ^2/NDF : 15.5/19

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.838+/-0.587 χ^2/NDF : 127018.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

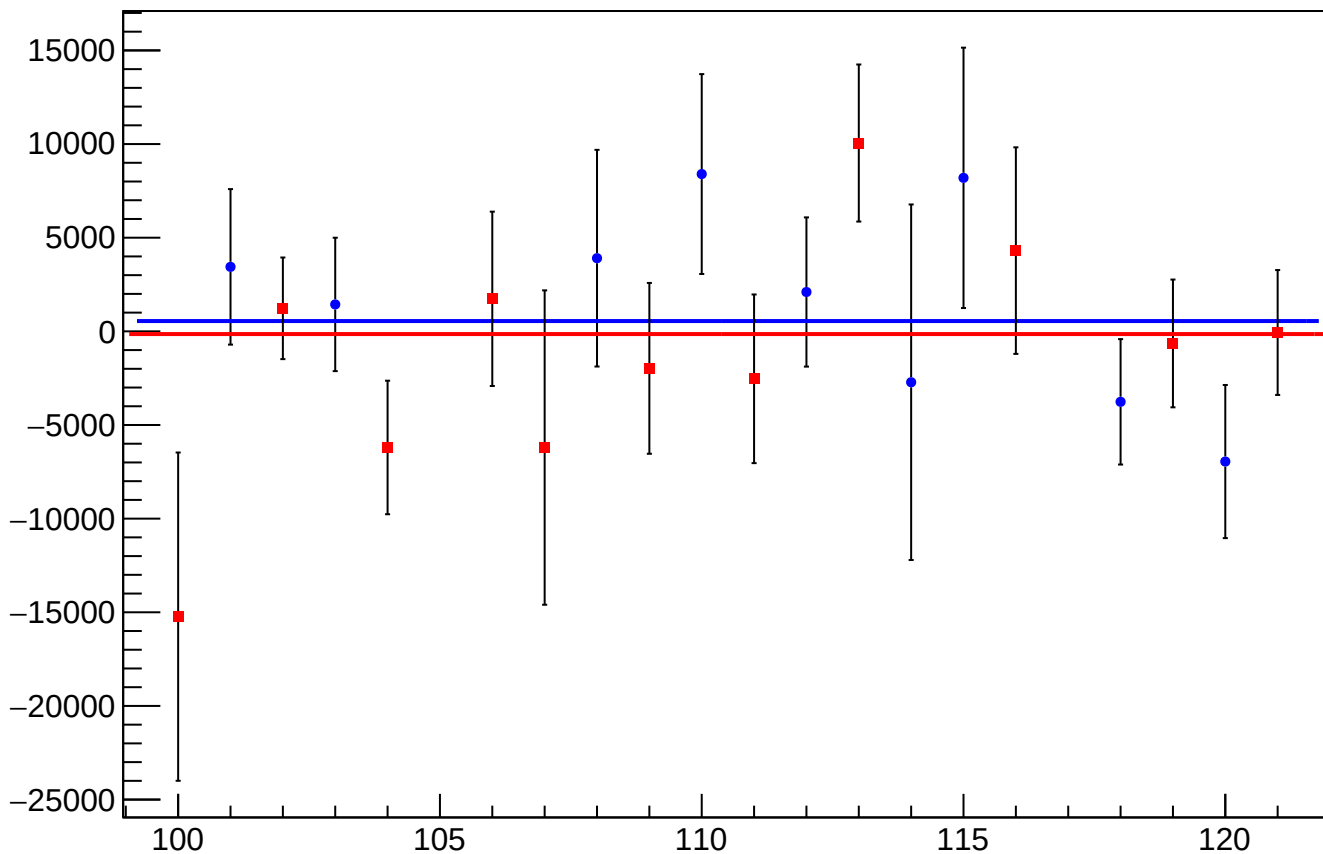
Right: 1726.033+/-0.443 χ^2/NDF : 780059.1/19

In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.033+/-0.443 χ^2/NDF : 780059.1/19

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.060+/-1239.365 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

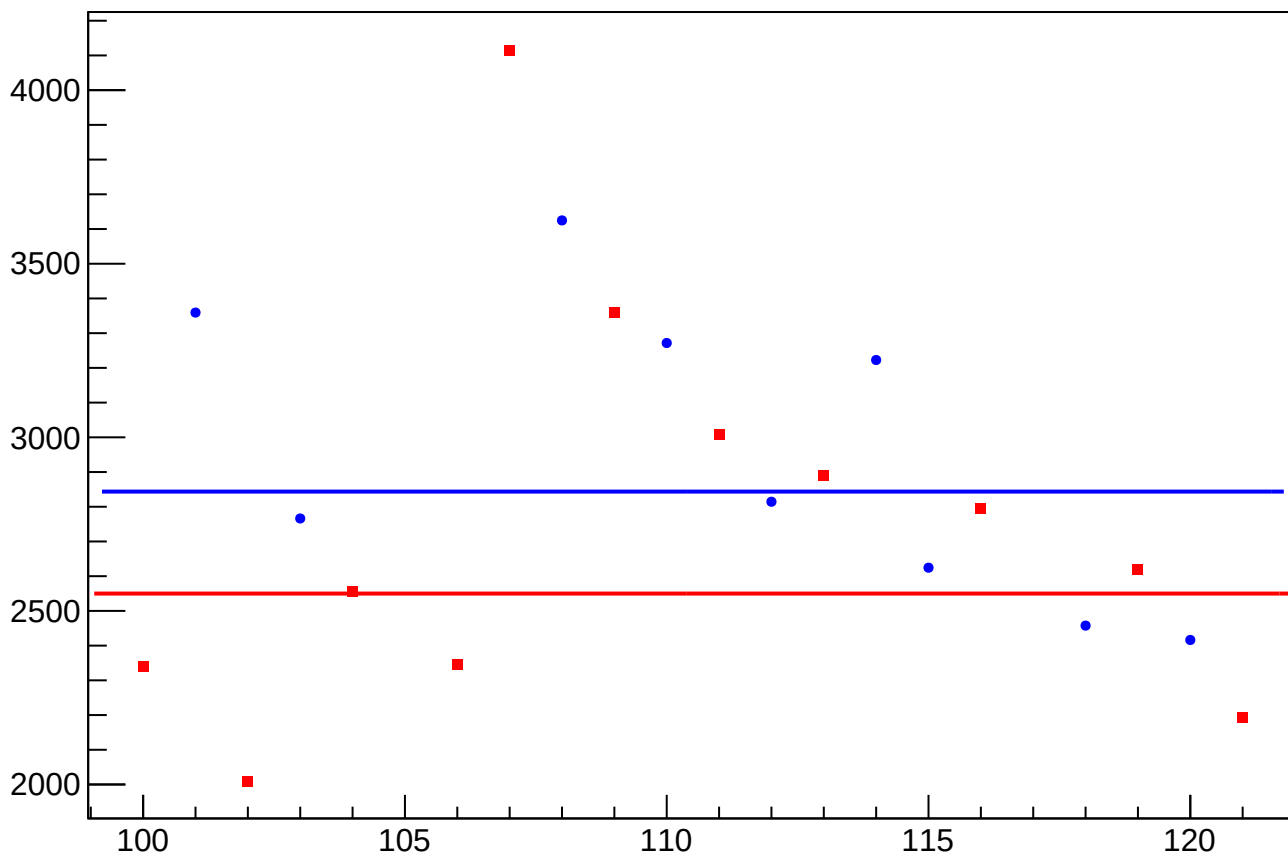
Right: 137.316+/-954.876 χ^2/NDF : 23.5/19

In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.316+/-954.876 χ^2/NDF : 23.5/19

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2549.936+/-0.876 χ^2/NDF : 278091.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

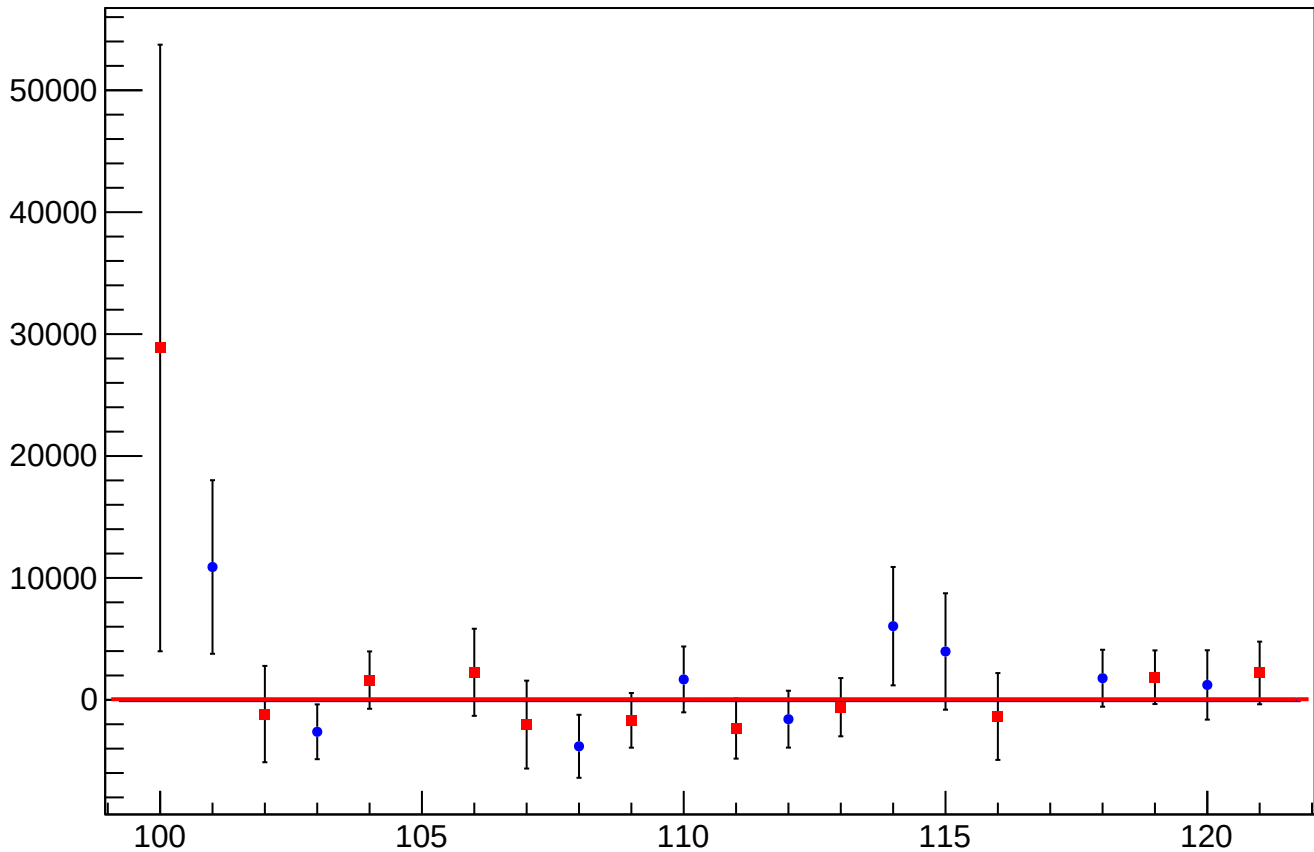
Right: 2669.322+/-0.675 χ^2/NDF : 458625.9/19

In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2669.322+/-0.675 χ^2/NDF : 458625.9/19

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -25.056+/-961.665 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.338+/-852.142 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

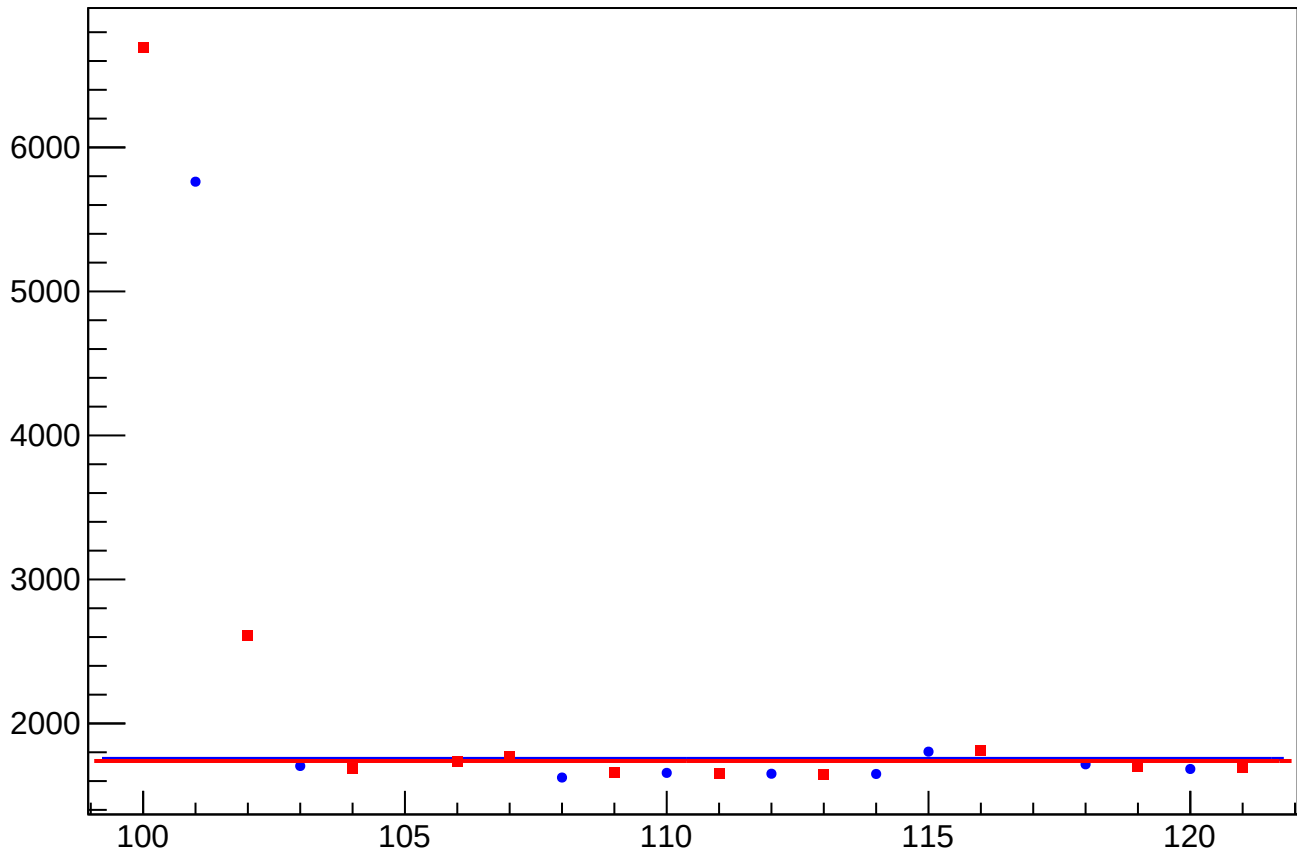
Right: 17.737+/-637.778 χ^2/NDF : 15.5/19

In: -25.056+/-961.665 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.737+/-637.778 χ^2/NDF : 15.5/19

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.976+/-0.680 χ^2/NDF : 649383.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1739.497+/-0.600 χ^2/NDF : 188659.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

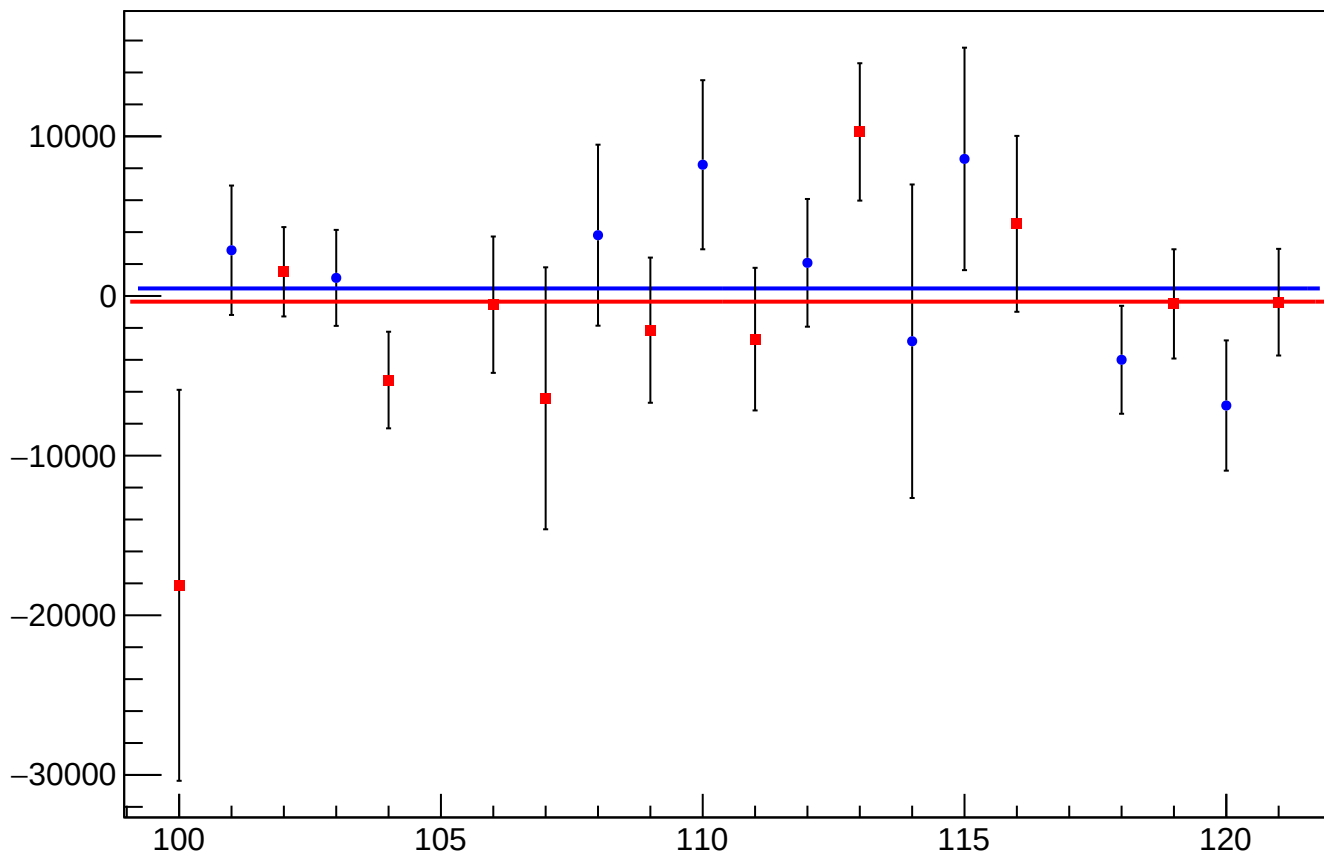
Right: 1745.830+/-0.450 χ^2/NDF : 838297.9/19

In: 1753.976+/-0.680 χ^2/NDF : 649383.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.830+/-0.450 χ^2/NDF : 838297.9/19

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 472.477+/-1444.306 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.543+/-1218.258 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

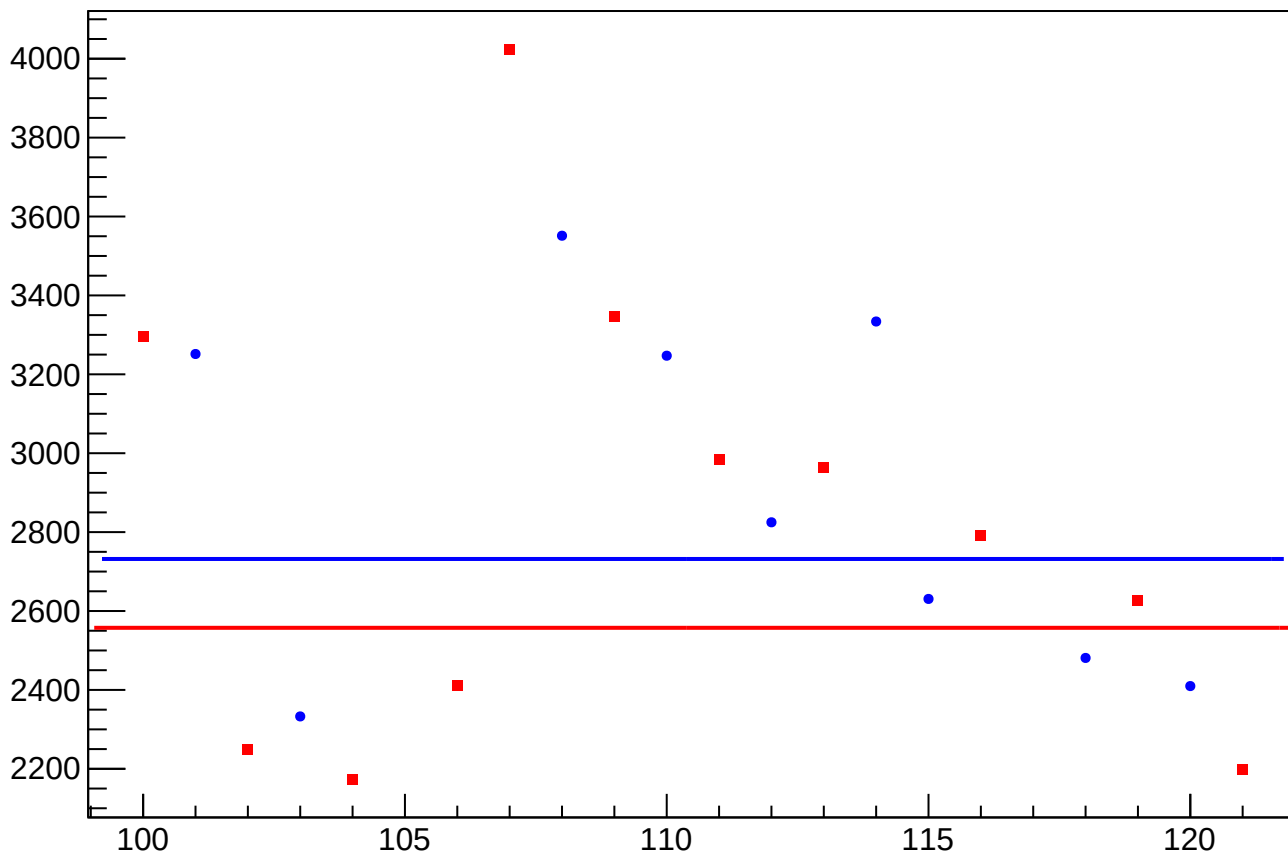
Right: -11.328+/-931.223 χ^2/NDF : 22.7/19

In: 472.477+/-1444.306 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.328+/-931.223 χ^2/NDF : 22.7/19

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2731.920+/-1.021 χ^2/NDF : 161352.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2557.442+/-0.861 χ^2/NDF : 254253.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

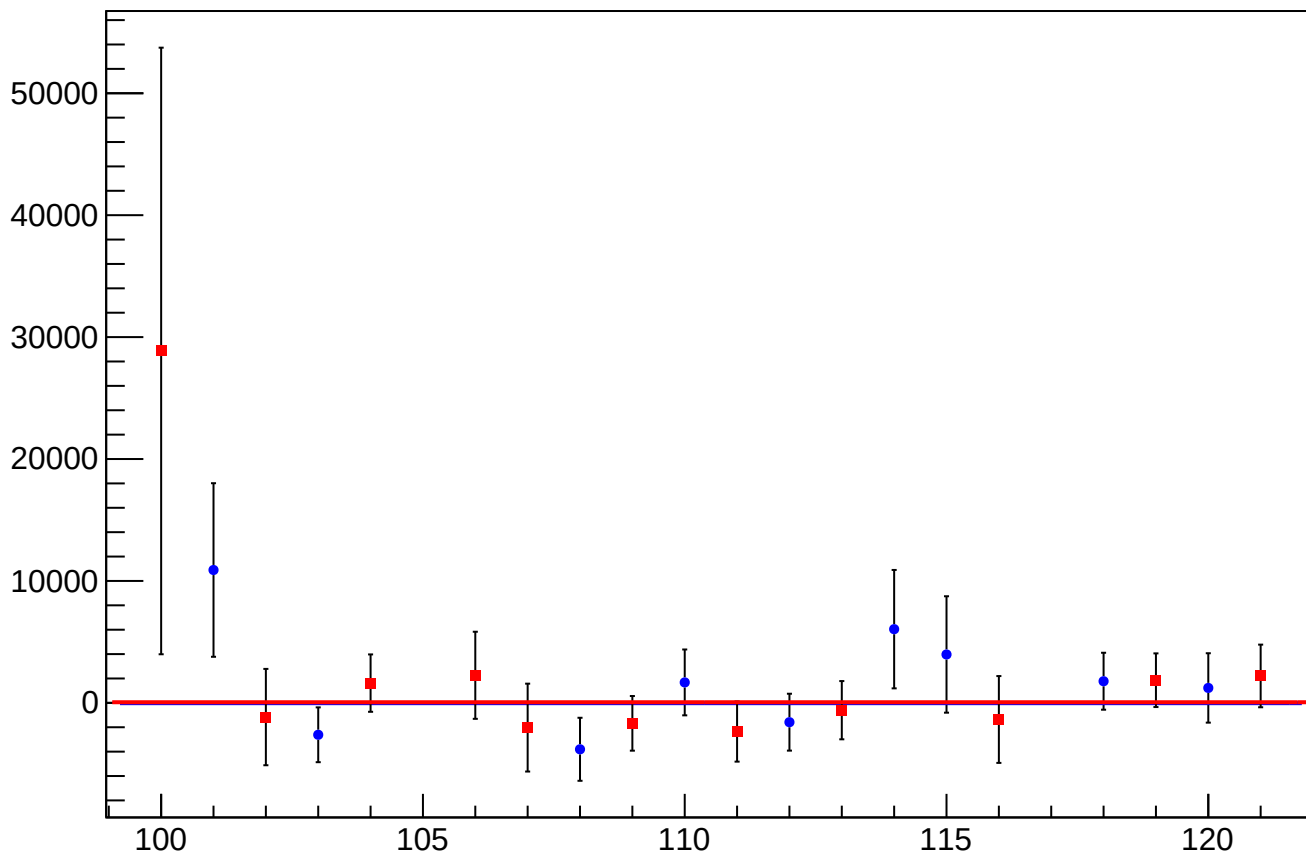
Right: 2629.974+/-0.658 χ^2/NDF : 432659.2/19

In: 2731.920+/-1.021 χ^2/NDF : 161352.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2629.974+/-0.658 χ^2/NDF : 432659.2/19

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -25.057+/-961.665 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.329+/-852.142 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

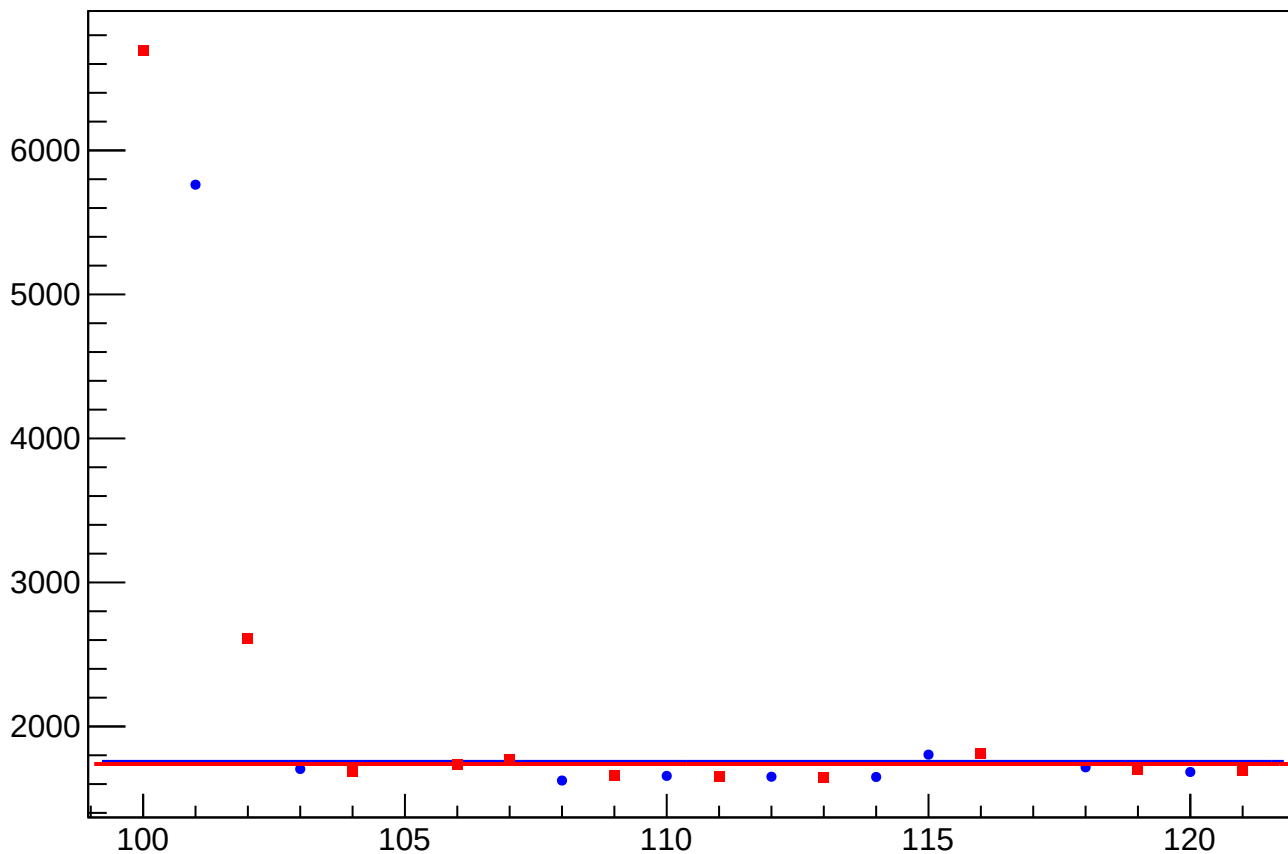
Right: 17.732+/-637.778 χ^2/NDF : 15.5/19

In: -25.057+/-961.665 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.732+/-637.778 χ^2/NDF : 15.5/19

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.976+/-0.680 χ^2/NDF : 649383.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1739.497+/-0.600 χ^2/NDF : 188659.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

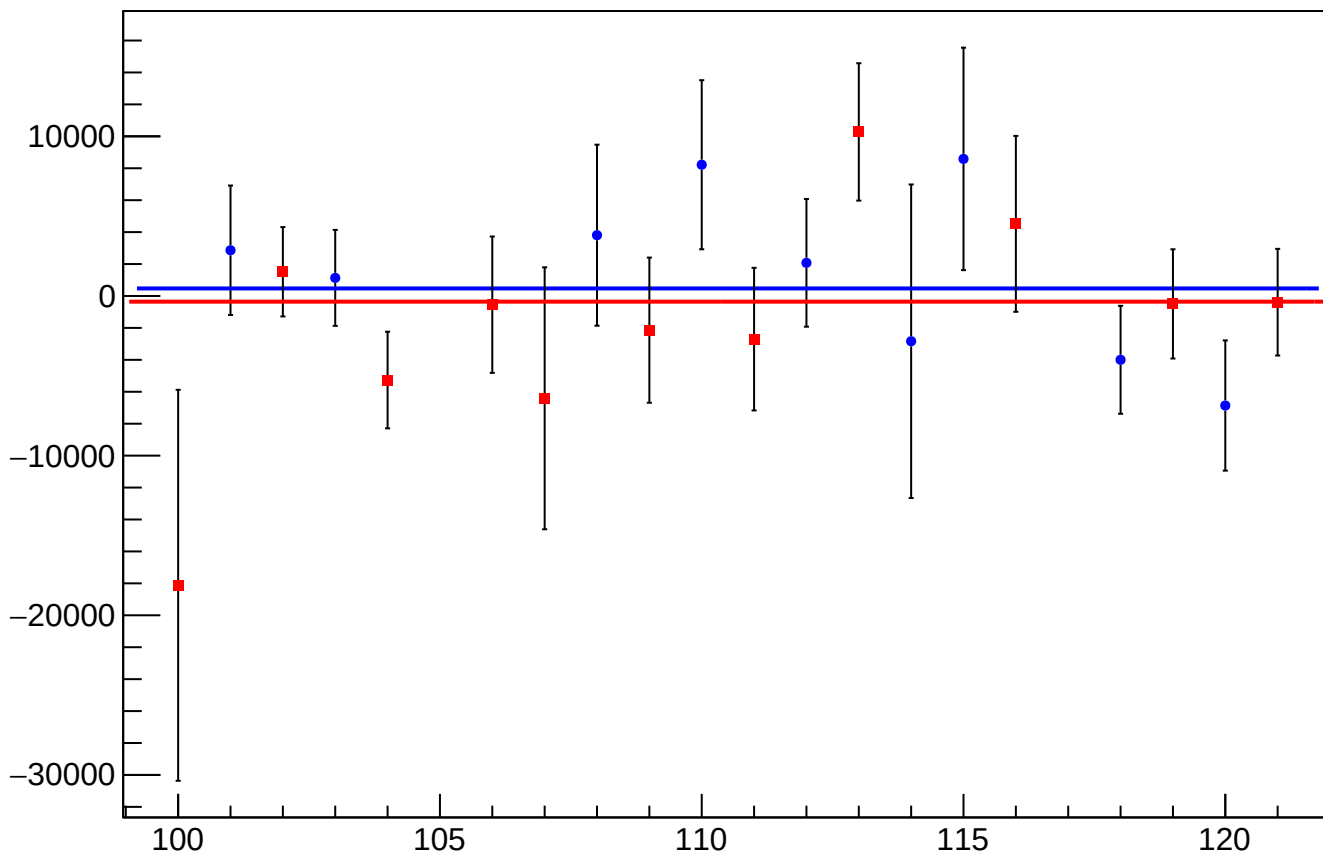
Right: 1745.830+/-0.450 χ^2/NDF : 838297.8/19

In: 1753.976+/-0.680 χ^2/NDF : 649383.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.830+/-0.450 χ^2/NDF : 838297.8/19

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 472.468+/-1444.301 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.542+/-1218.255 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

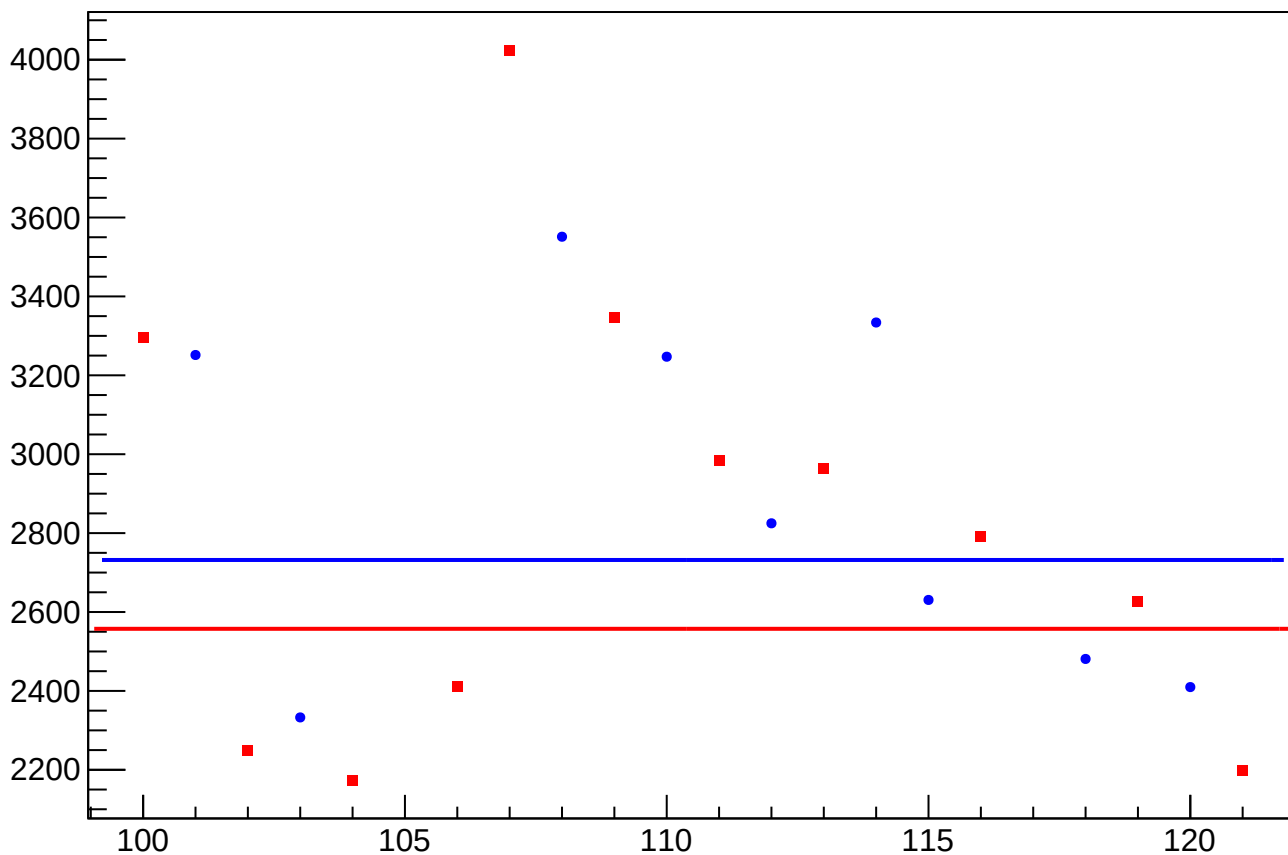
Right: -11.330+/-931.221 χ^2/NDF : 22.7/19

In: 472.468+/-1444.301 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.330+/-931.221 χ^2/NDF : 22.7/19

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2731.912+/-1.021 χ^2/NDF : 161352.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2557.438+/-0.861 χ^2/NDF : 254249.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

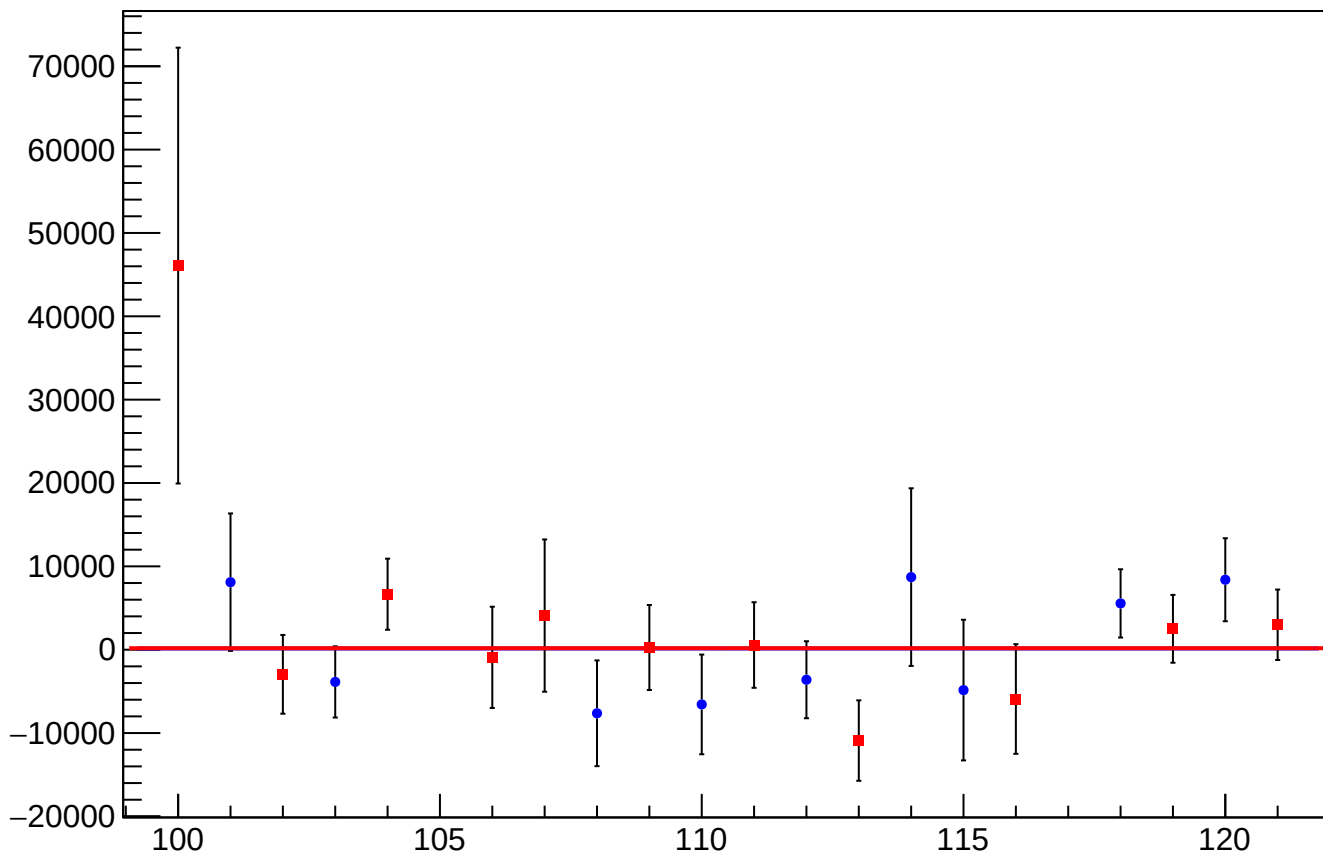
Right: 2629.968+/-0.658 χ^2/NDF : 432655.1/19

In: 2731.912+/-1.021 χ^2/NDF : 161352.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2629.968+/-0.658 χ^2/NDF : 432655.1/19

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 148.169+/-1850.503 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.504+/-1582.664 χ^2/NDF : 13.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

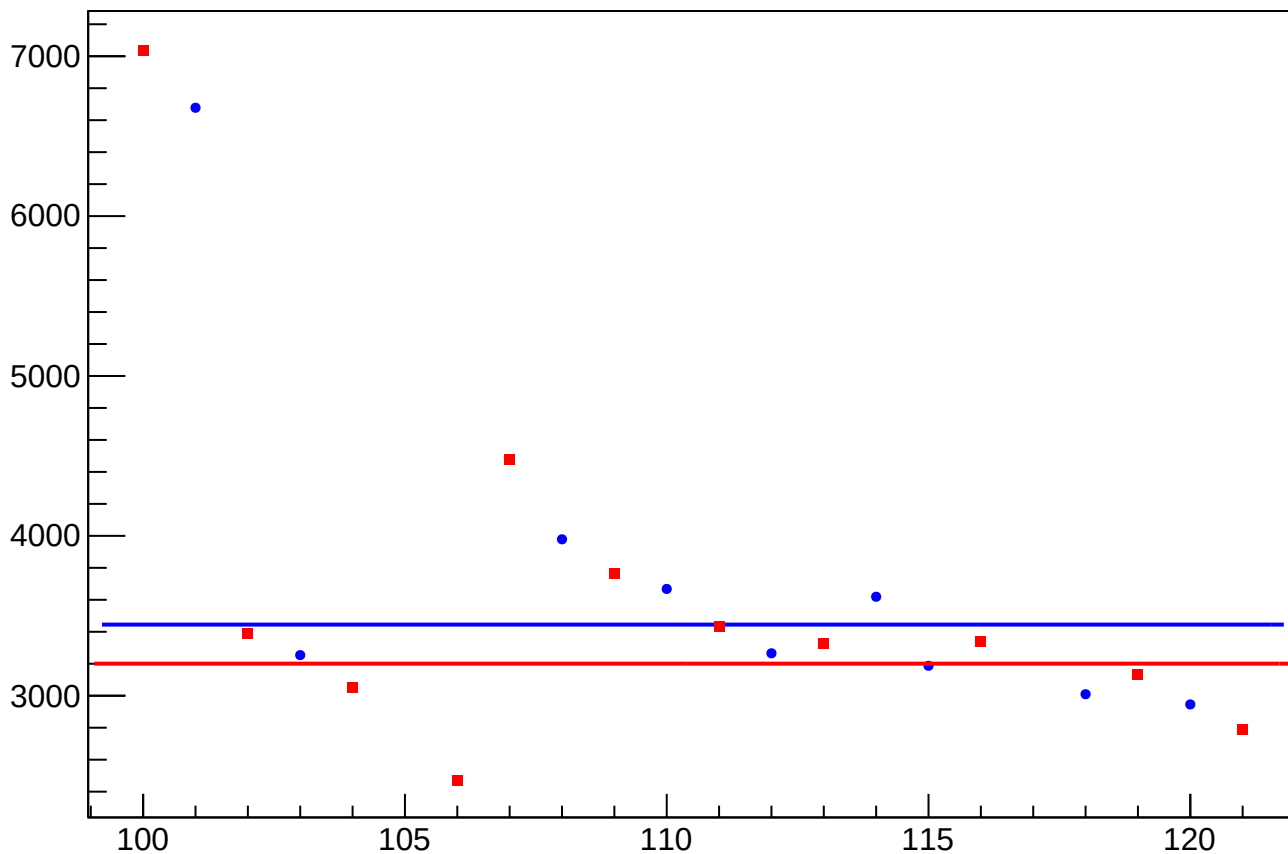
Right: 164.533+/-1202.766 χ^2/NDF : 23.7/19

In: 148.169+/-1850.503 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.533+/-1202.766 χ^2/NDF : 23.7/19

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3444.908+/-1.308 χ^2/NDF : 376515.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3200.730+/-1.095 χ^2/NDF : 185672.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

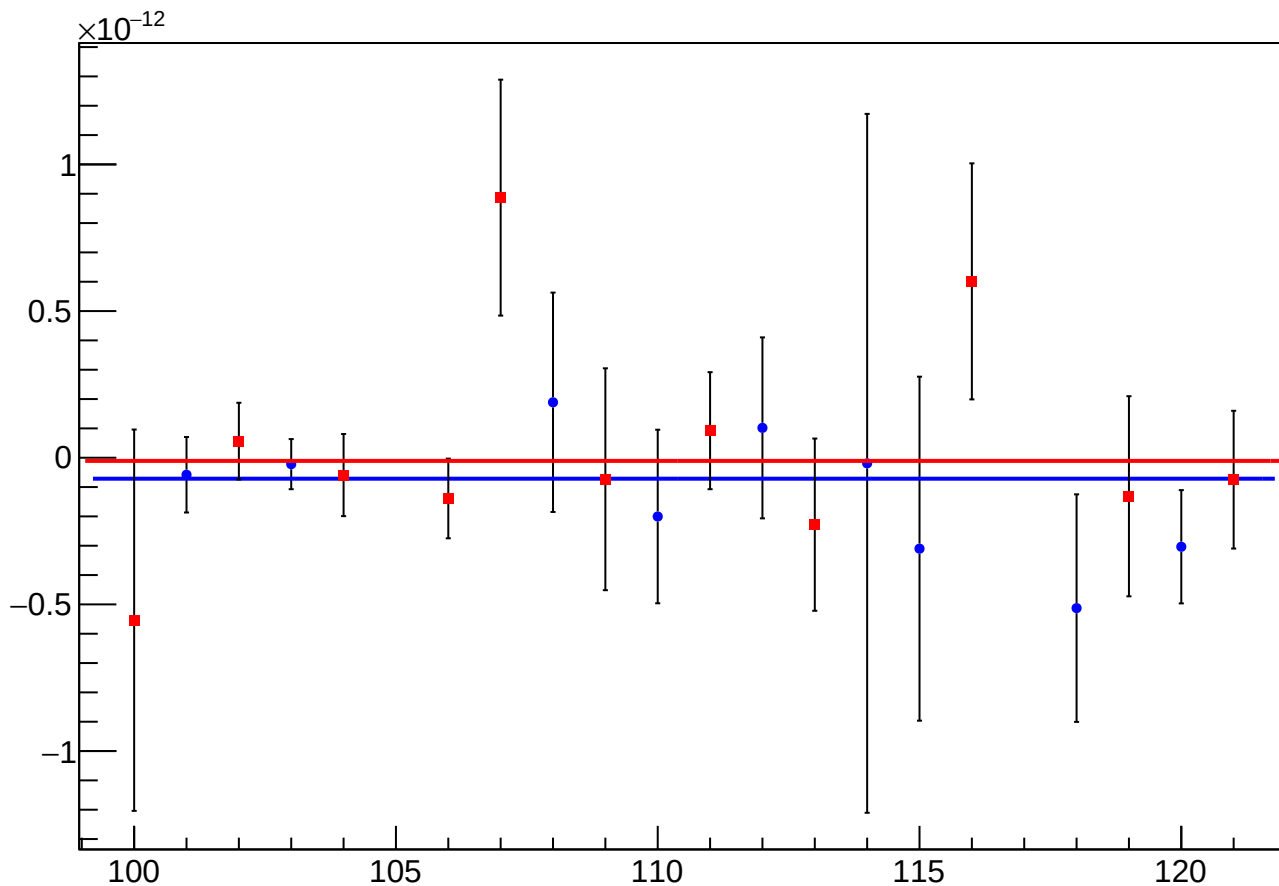
Right: 3301.339+/-0.840 χ^2/NDF : 582662.8/19

In: 3444.908+/-1.308 χ^2/NDF : 376515.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.339+/-0.840 χ^2/NDF : 582662.8/19

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

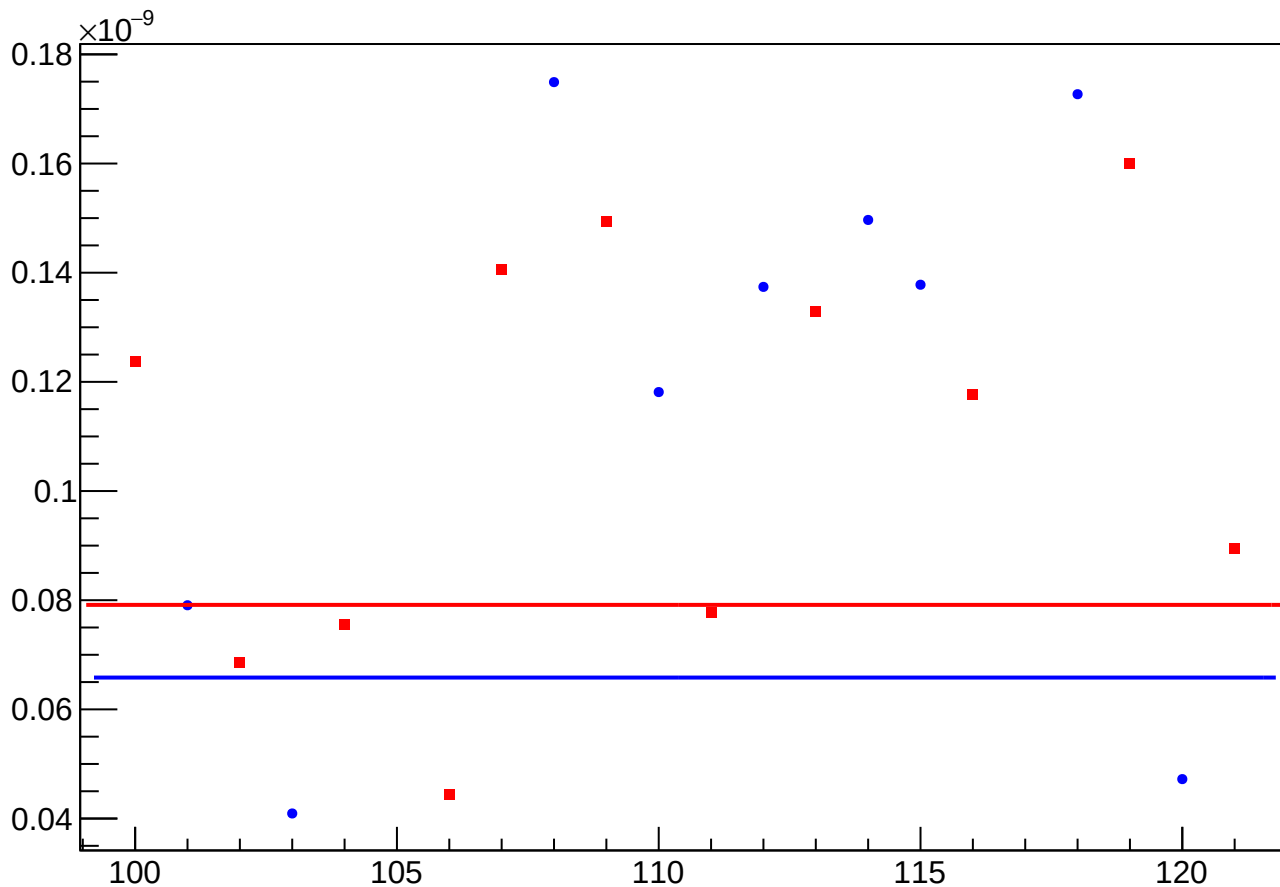
Right: -0.000+/-0.000 χ^2/NDF : 15.0/19

In: -0.000+/-0.000 χ^2/NDF :4.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/19

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 741790.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 471707.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

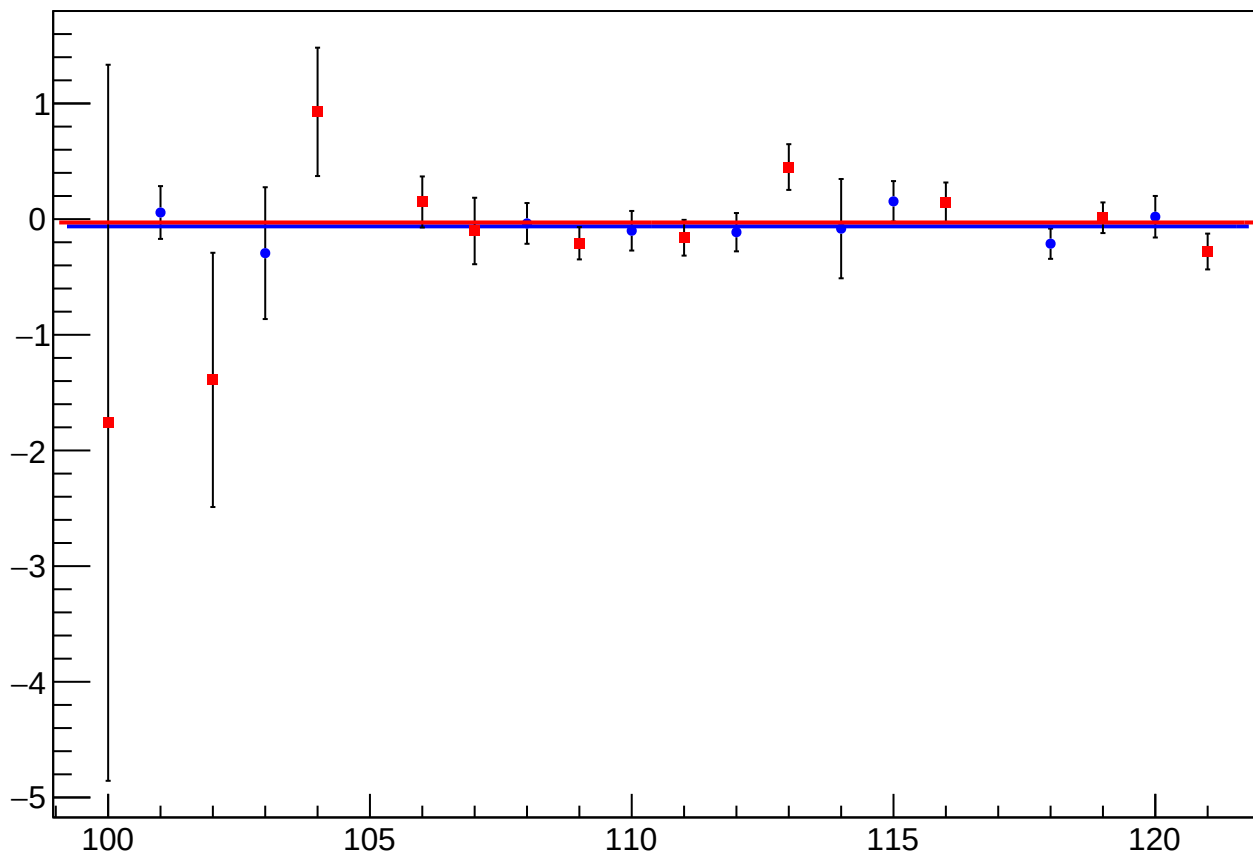
Right: 0.000+/-0.000 χ^2/NDF : 1258878.9/19

In: 0.000+/-0.000 χ^2/NDF : 741790.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1258878.9/19

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.059 χ^2/NDF : 17.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

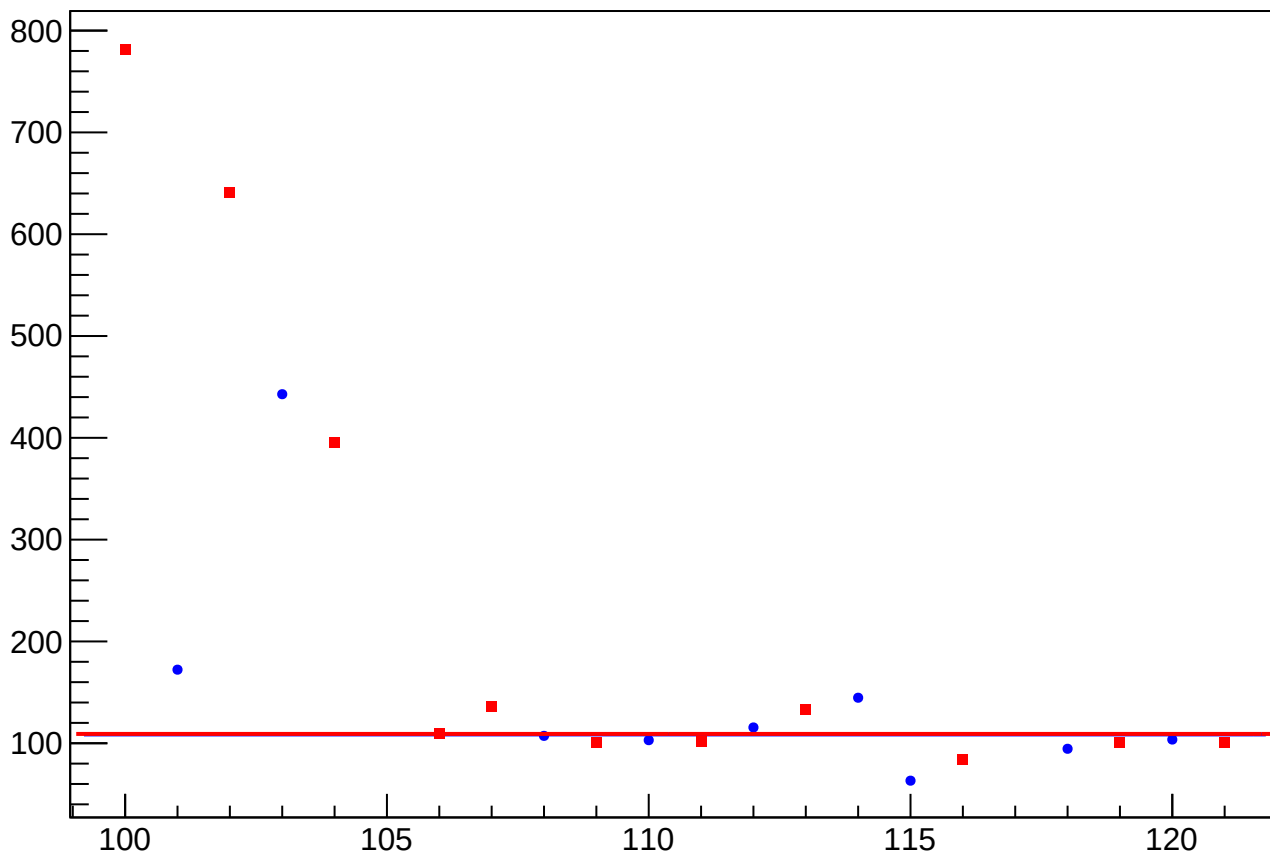
Right: -0.045 ± 0.043 χ^2/NDF : 21.4/19

In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.045 ± 0.043 χ^2/NDF : 21.4/19

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.155+/-0.042 χ^2/NDF : 1209210.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

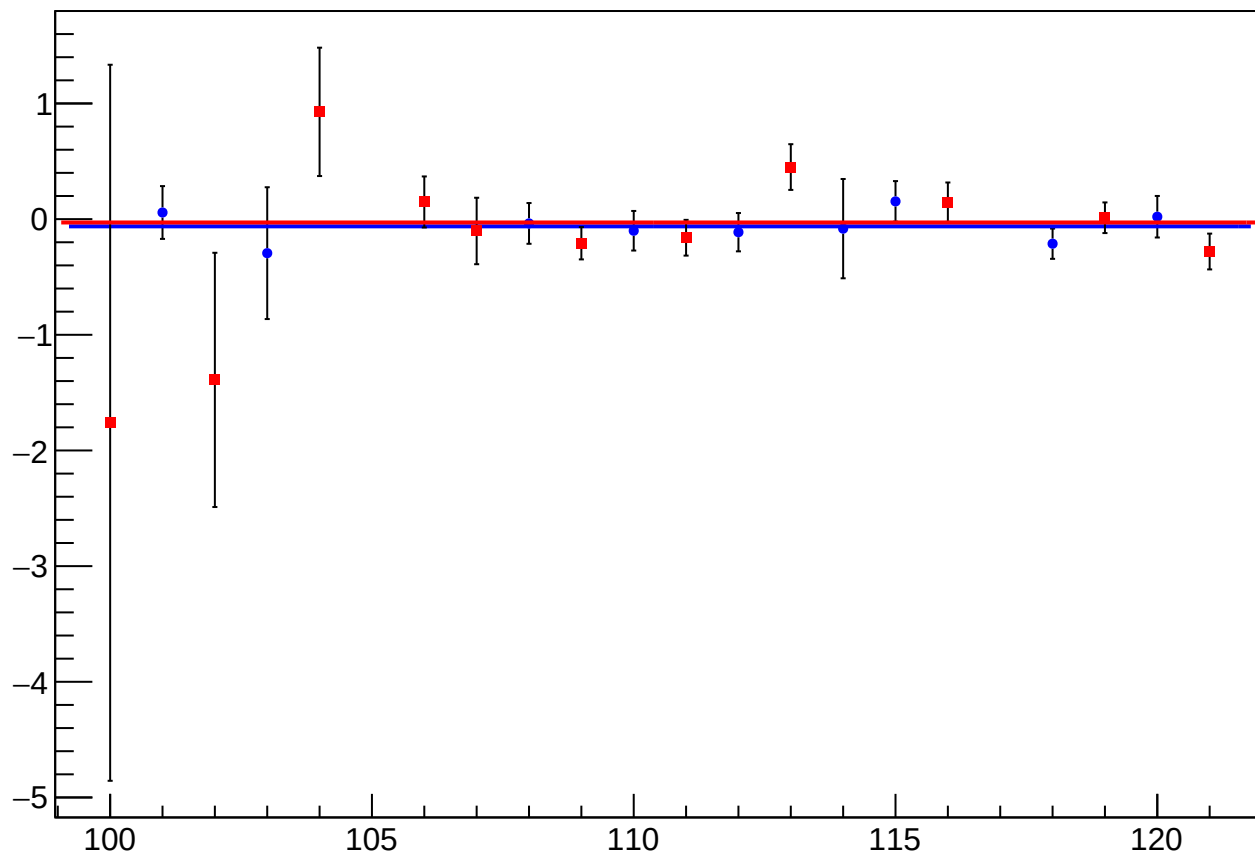
Right: 108.932+/-0.030 χ^2/NDF : 2231299.8/19

In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.932+/-0.030 χ^2/NDF : 2231299.8/19

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.059 χ^2/NDF : 17.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

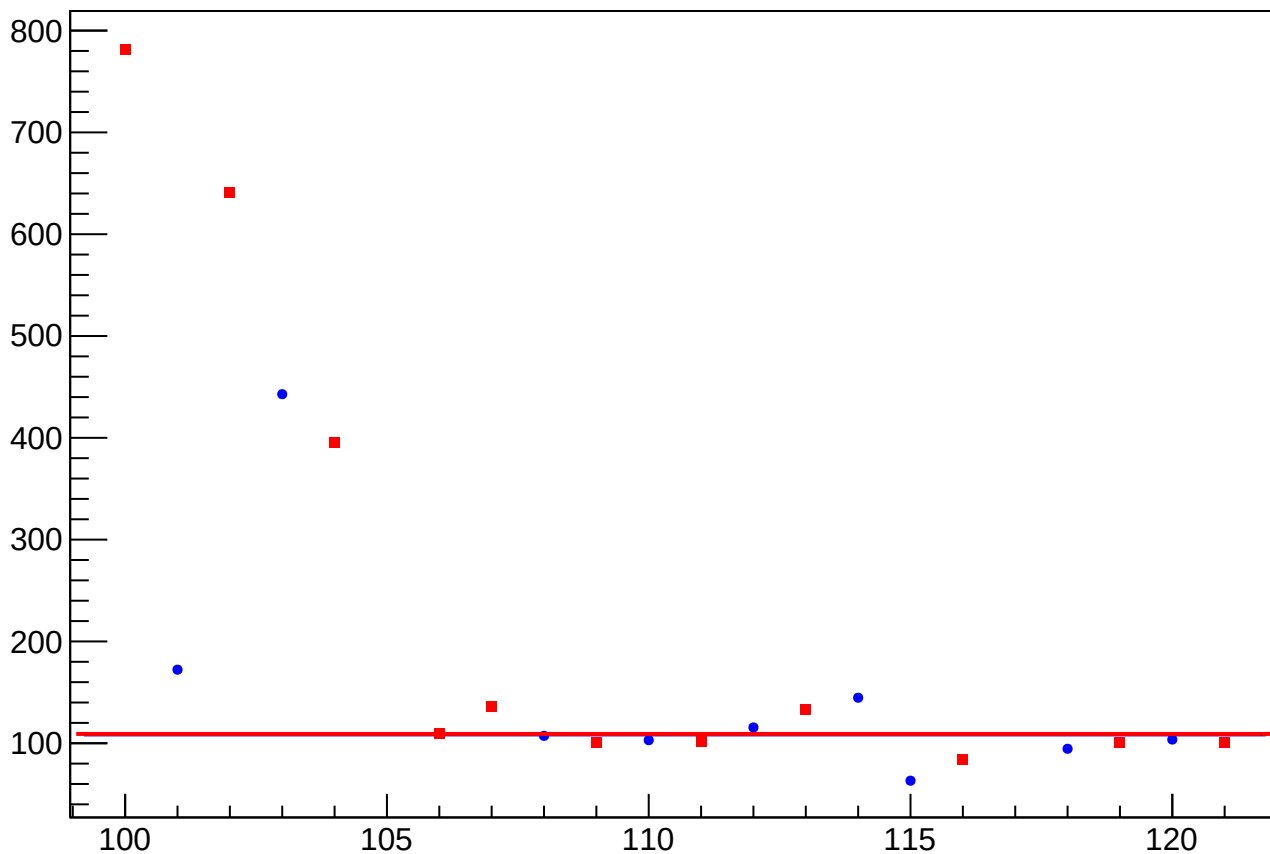
Right: -0.045 ± 0.043 χ^2/NDF : 21.4/19

In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.045 ± 0.043 χ^2/NDF : 21.4/19

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.155+/-0.042 χ^2/NDF : 1209210.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

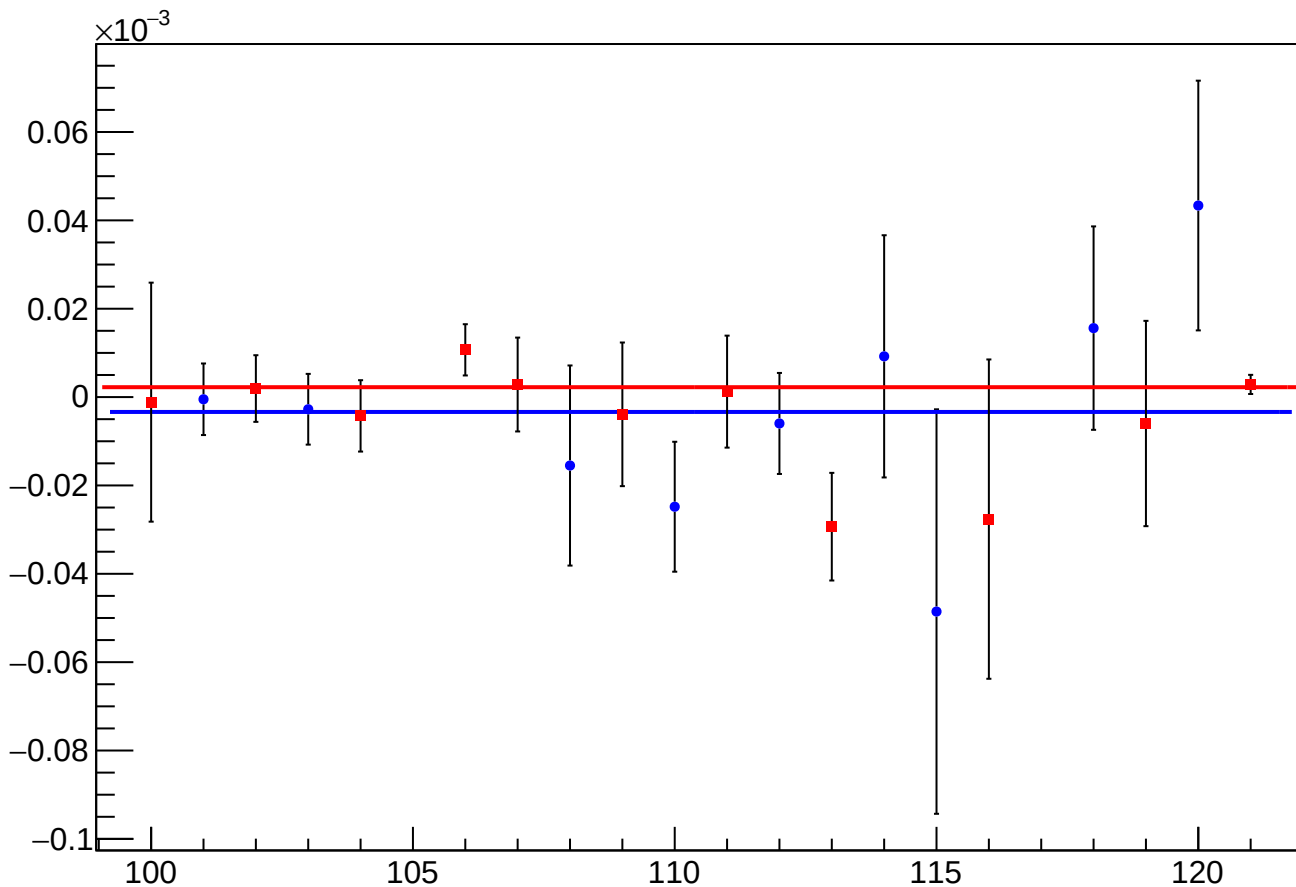
Right: 108.932+/-0.030 χ^2/NDF : 2231299.8/19

In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.932+/-0.030 χ^2/NDF : 2231299.8/19

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 10.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

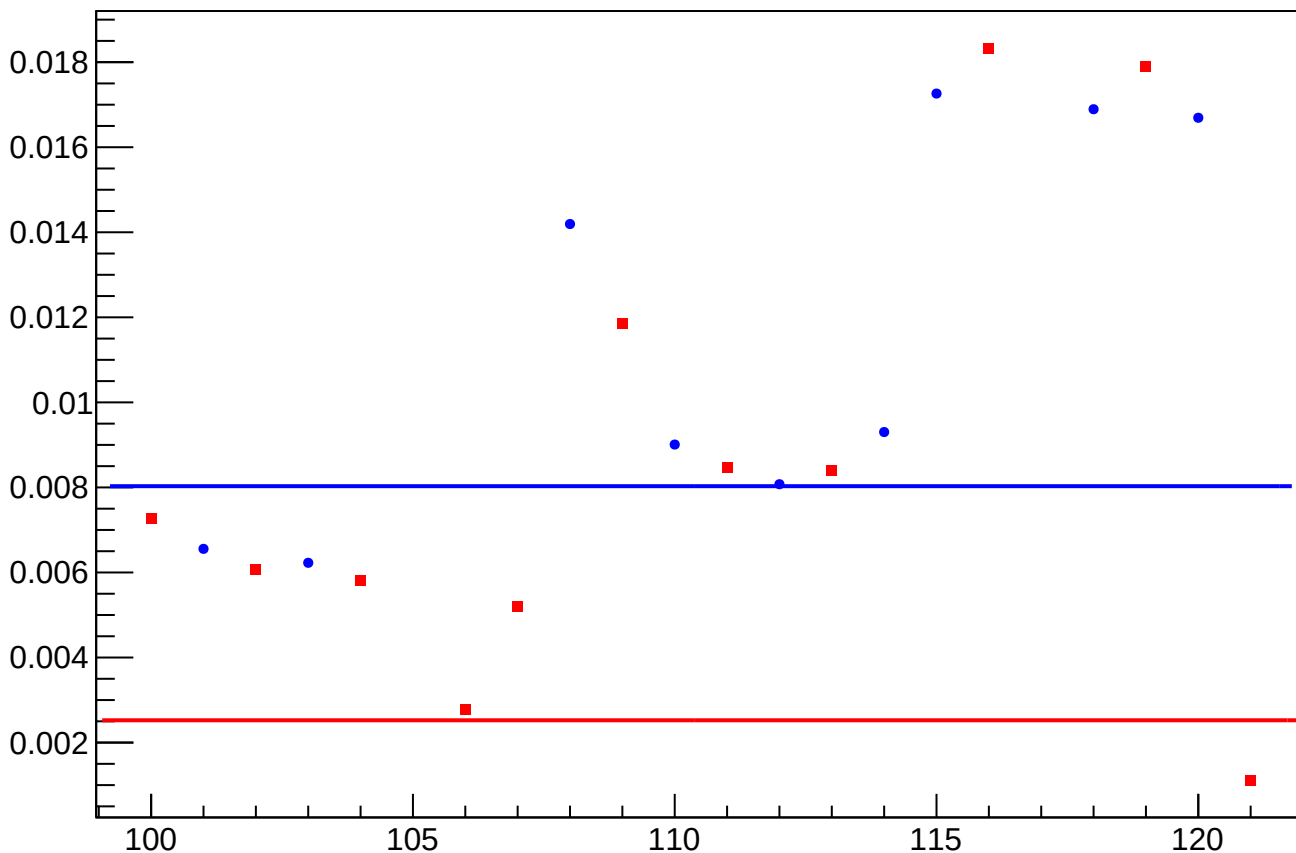
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 19.1/19$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 19.1/19$

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 894693.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4644537.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

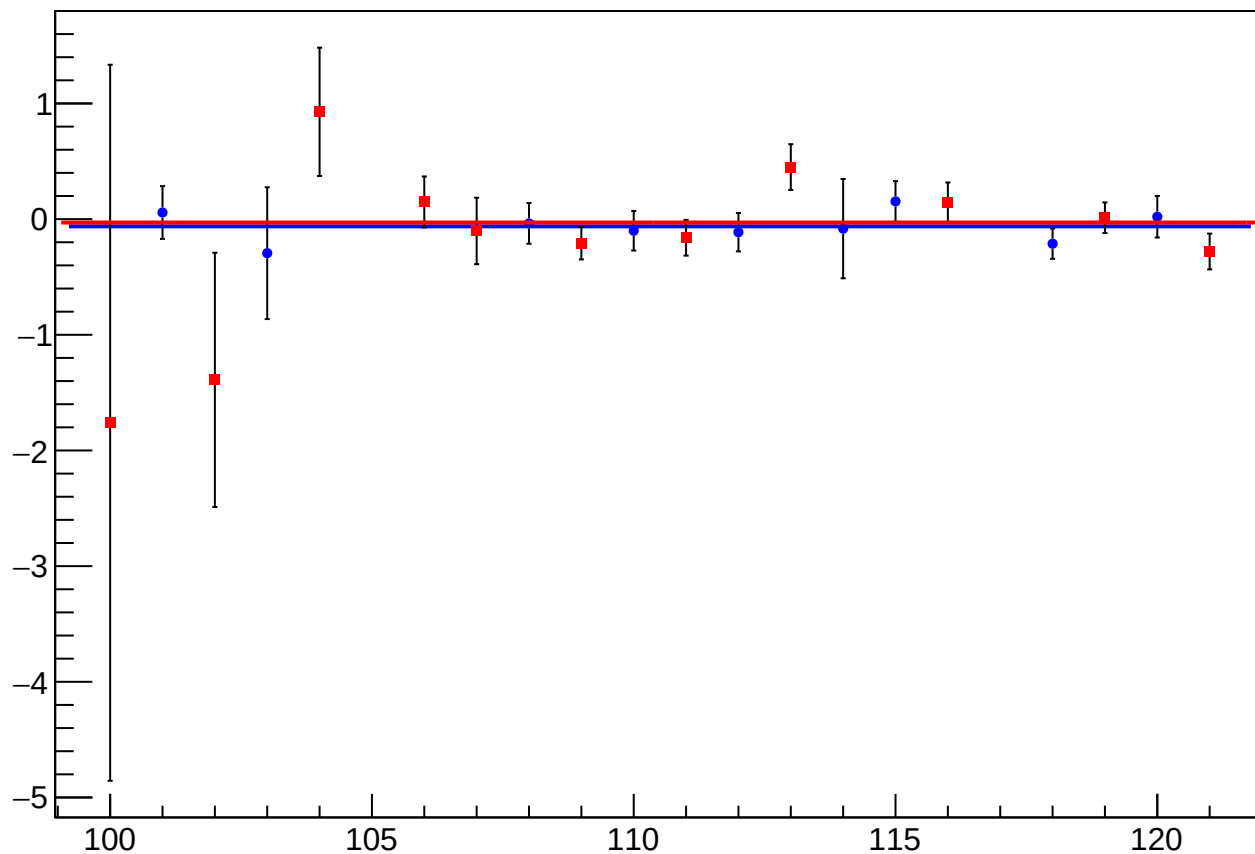
Right: 0.003+/-0.000 χ^2/NDF : 8143900.1/19

In: 0.008+/-0.000 χ^2/NDF :894693.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8143900.1/19

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.059 χ^2/NDF : 17.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

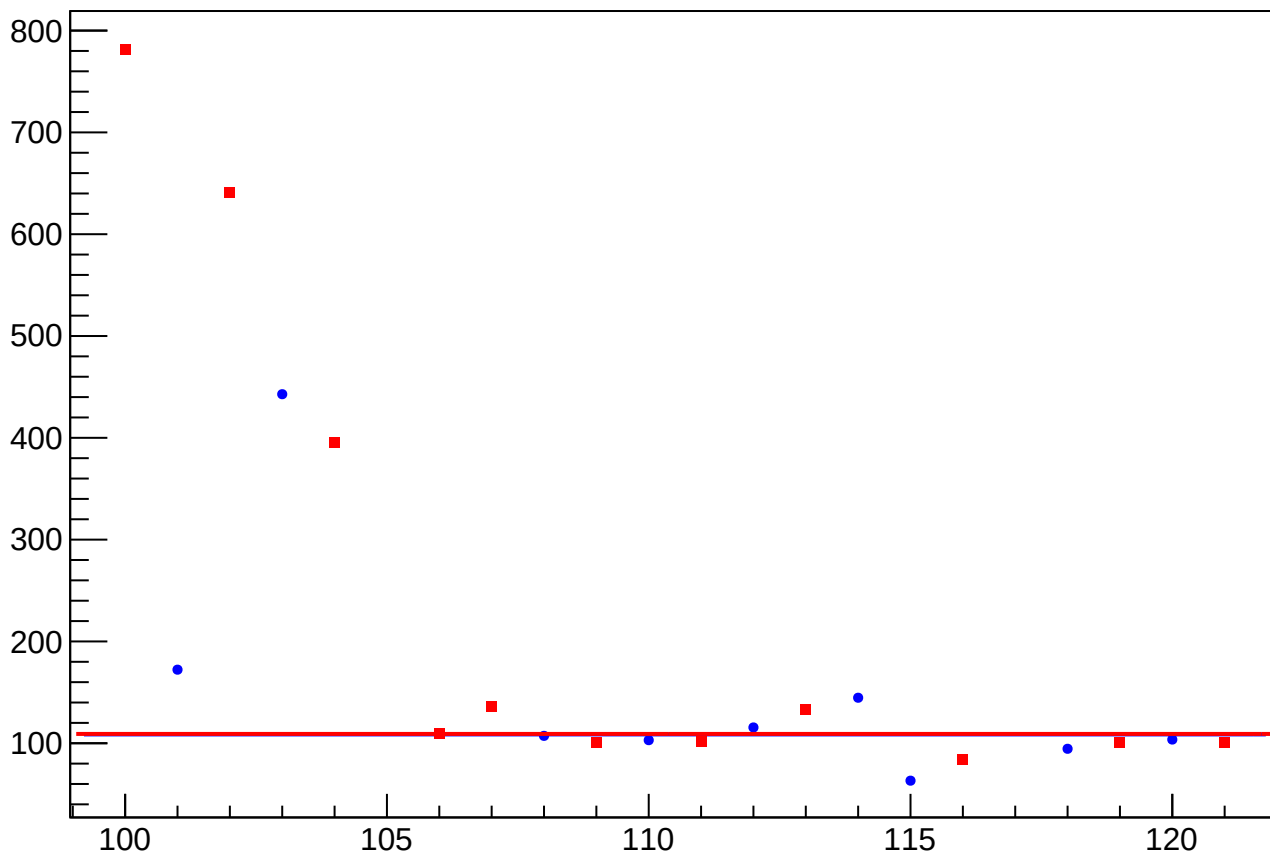
Right: -0.045 ± 0.043 χ^2/NDF : 21.4/19

In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.045 ± 0.043 χ^2/NDF : 21.4/19

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.158+/-0.042 χ^2/NDF : 1209168.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

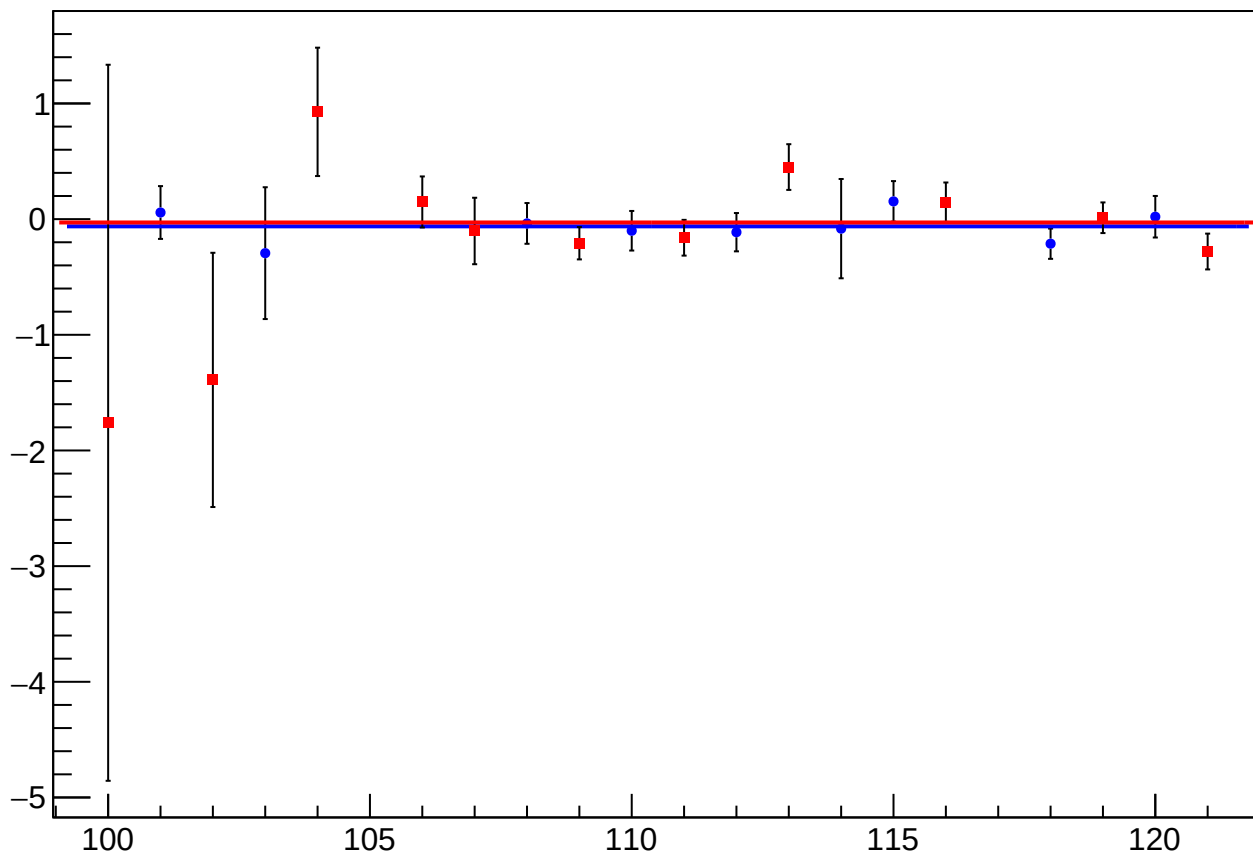
Right: 108.933+/-0.030 χ^2/NDF : 2231237.7/19

In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.933+/-0.030 χ^2/NDF : 2231237.7/19

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.059 χ^2/NDF : 17.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

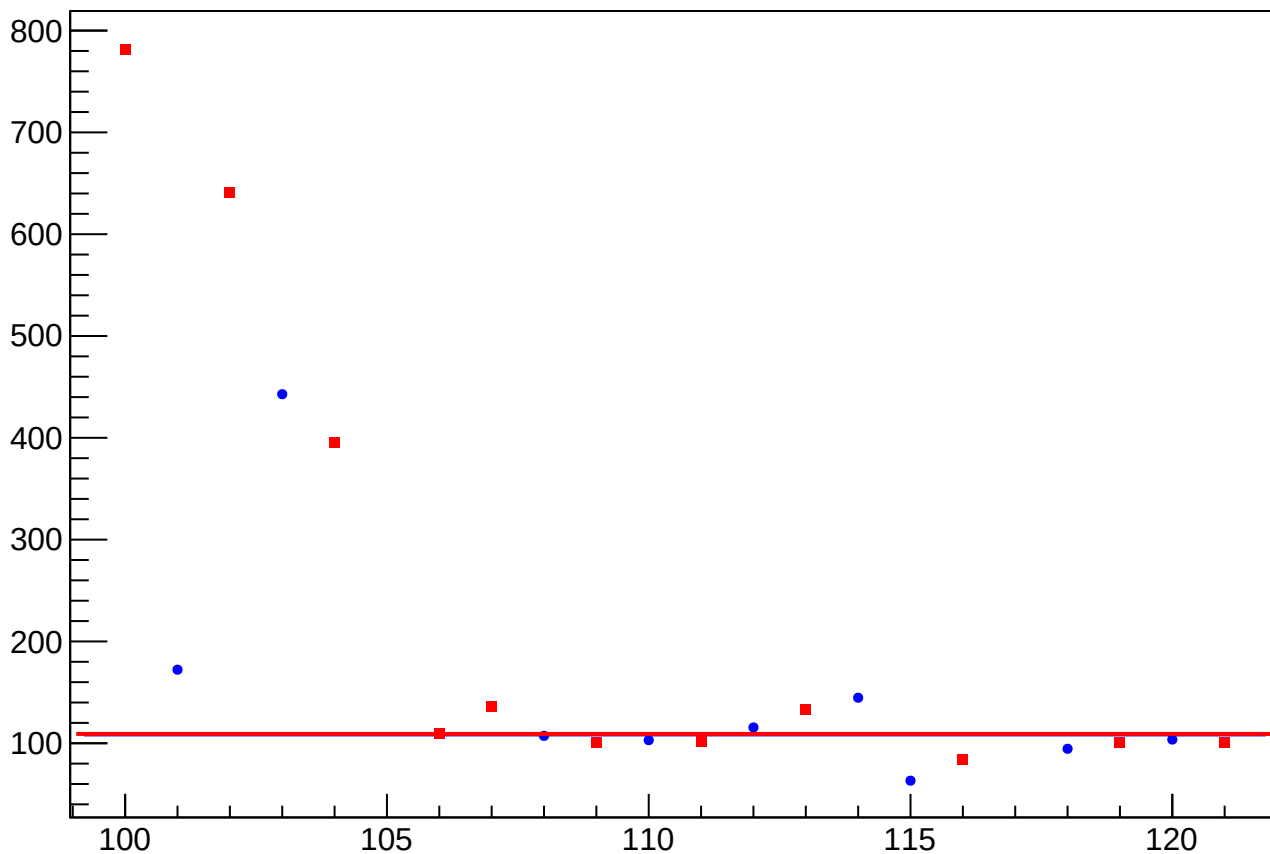
Right: -0.045 ± 0.043 χ^2/NDF : 21.4/19

In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.045 ± 0.043 χ^2/NDF : 21.4/19

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.158+/-0.042 χ^2/NDF : 1209168.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

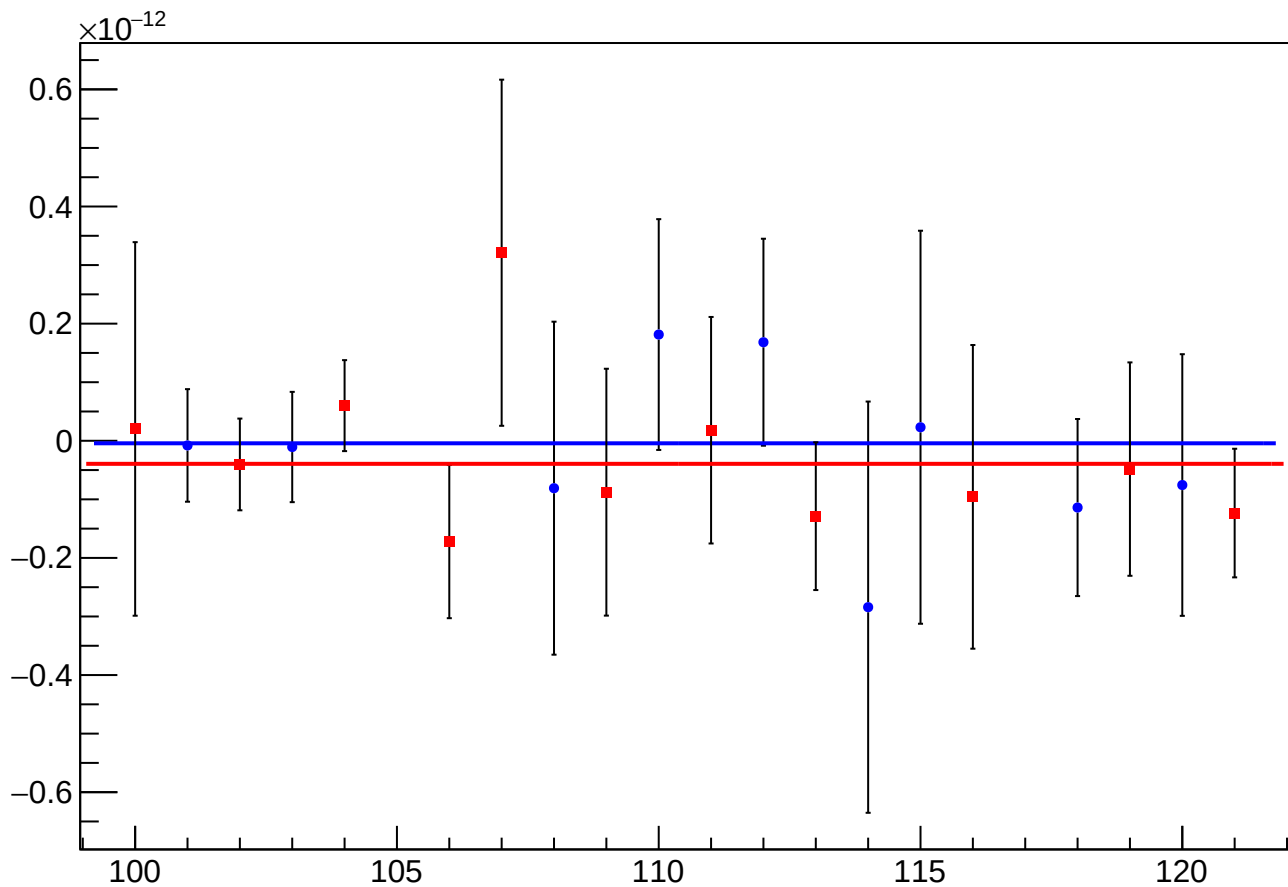
Right: 108.933+/-0.030 χ^2/NDF : 2231237.7/19

In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.933+/-0.030 χ^2/NDF : 2231237.7/19

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

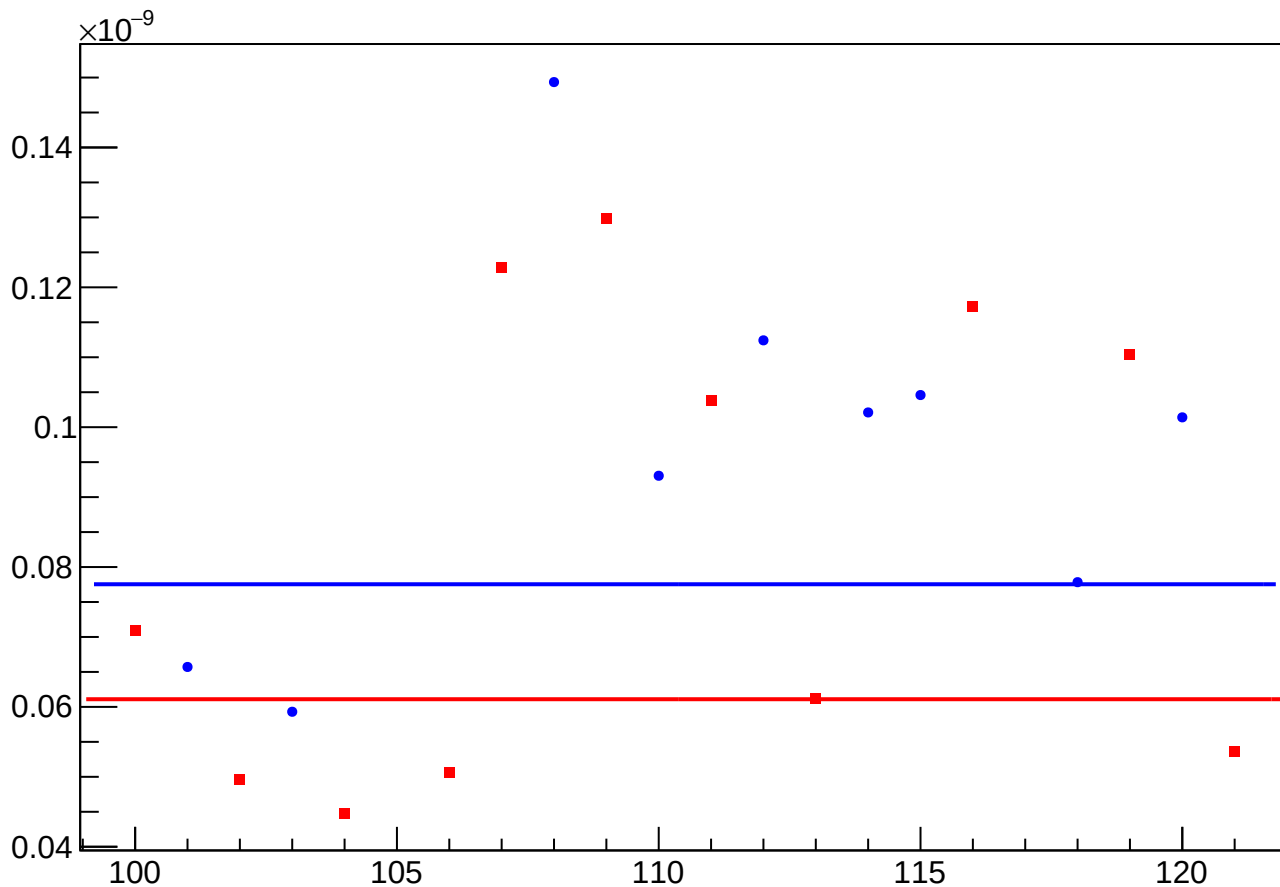
Right: -0.000+/-0.000 χ^2/NDF : 9.0/19

In: -0.000+/-0.000 χ^2/NDF :3.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.0/19

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 368915.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 794806.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

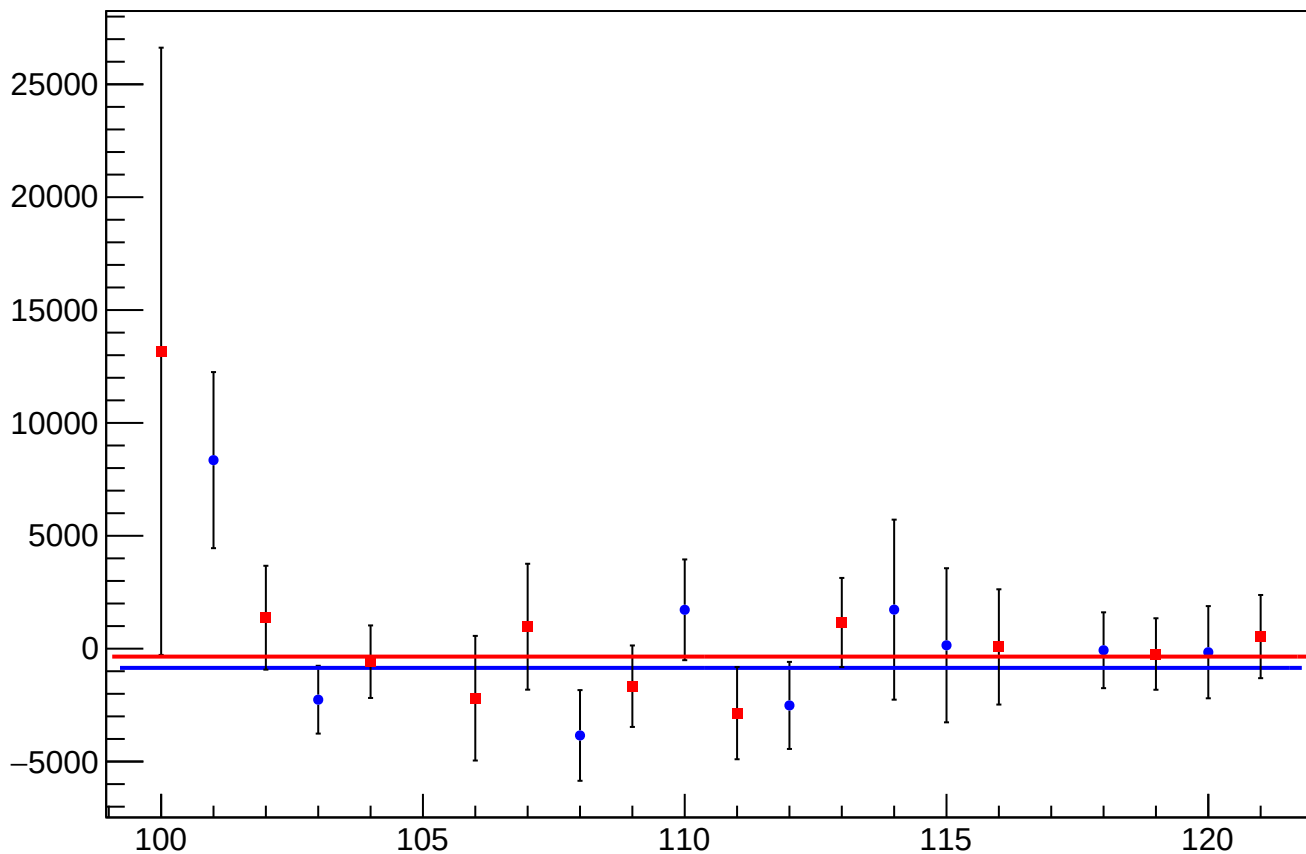
Right: 0.000+/-0.000 χ^2/NDF : 1291529.0/19

In: 0.000+/-0.000 χ^2/NDF : 368915.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1291529.0/19

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -351.659+/-633.518 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

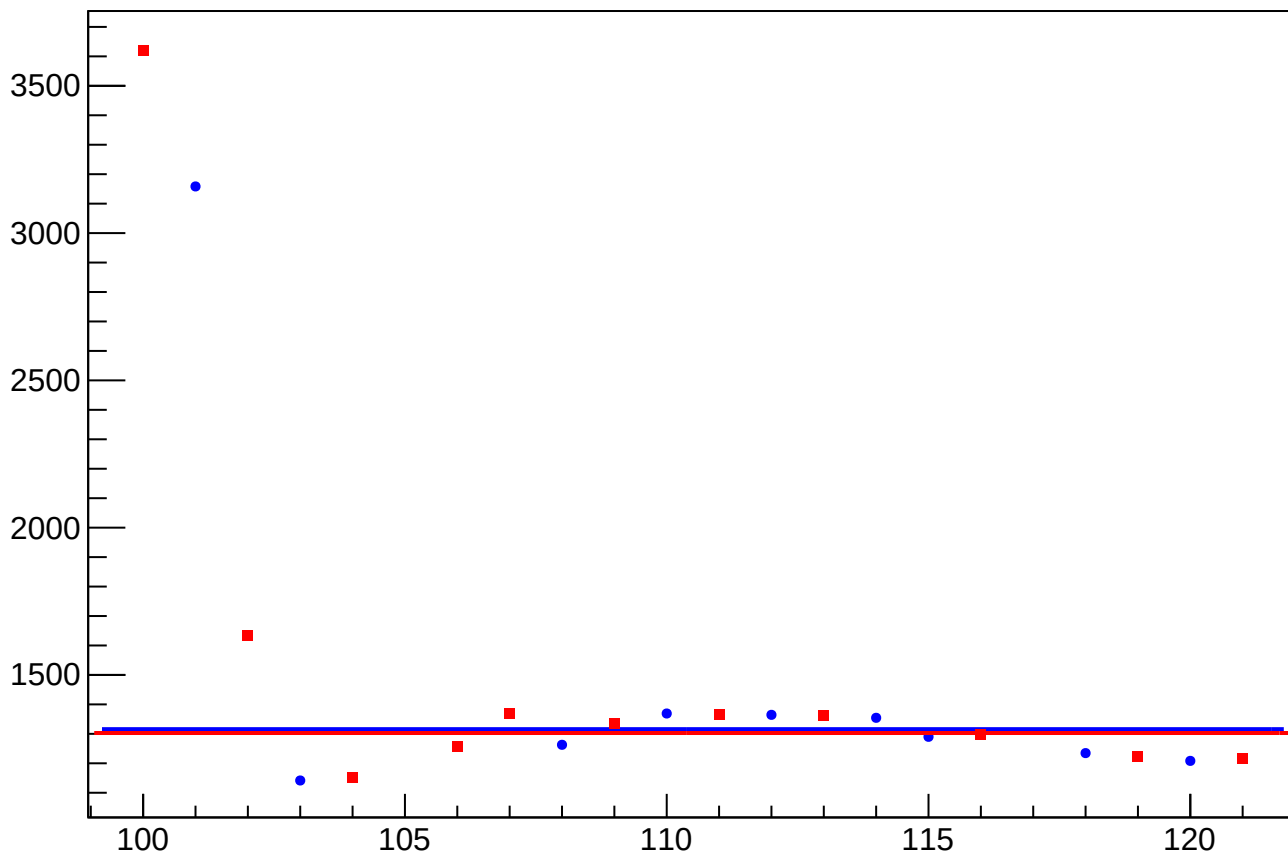
Right: -572.272+/-473.450 χ^2/NDF : 17.0/19

In: -851.359+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -572.272+/-473.450 χ^2/NDF : 17.0/19

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.847+/-0.446 χ^2/NDF : 134351.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

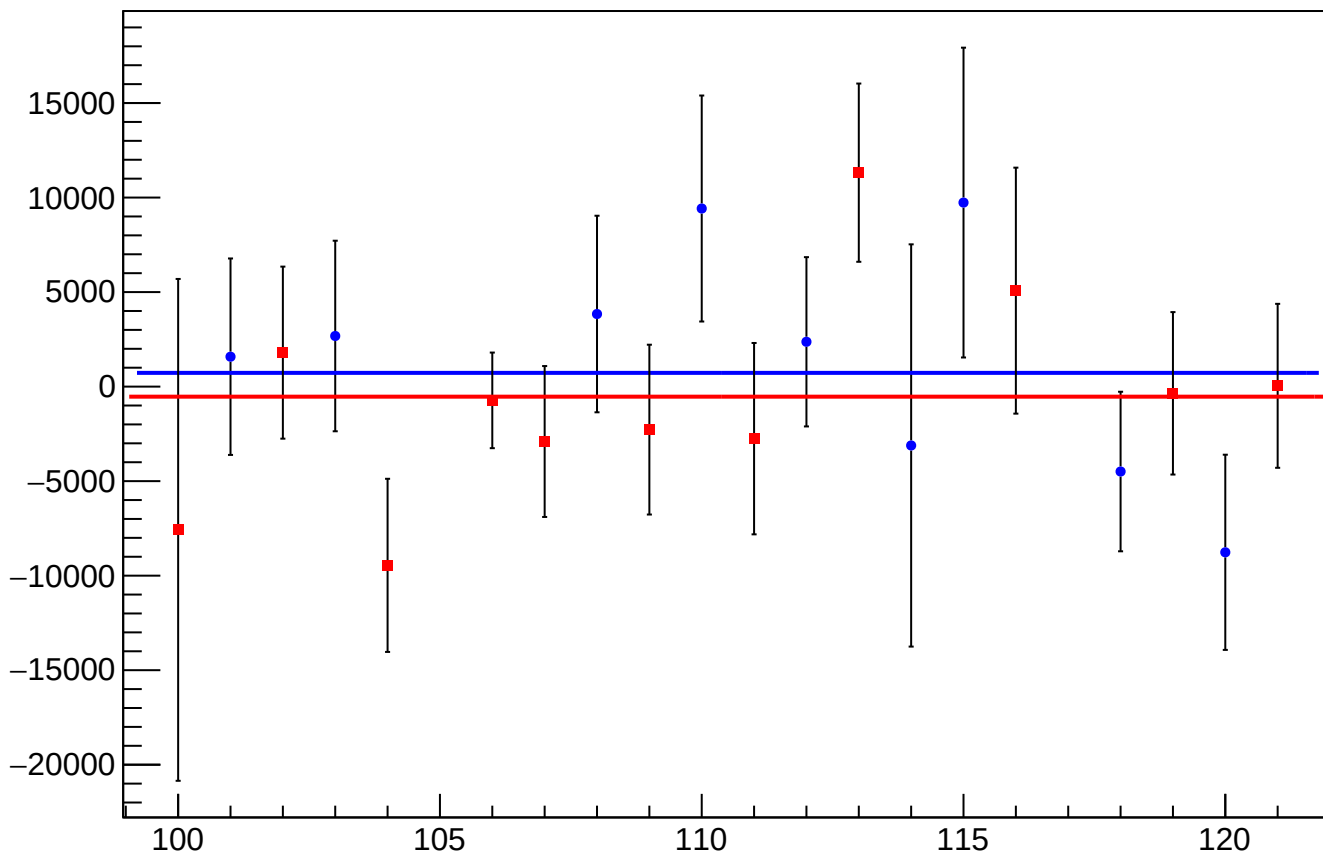
Right: 1308.593+/-0.334 χ^2/NDF : 622367.1/19

In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.593+/-0.334 χ^2/NDF : 622367.1/19

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -531.816 $\pm$ 1307.023 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

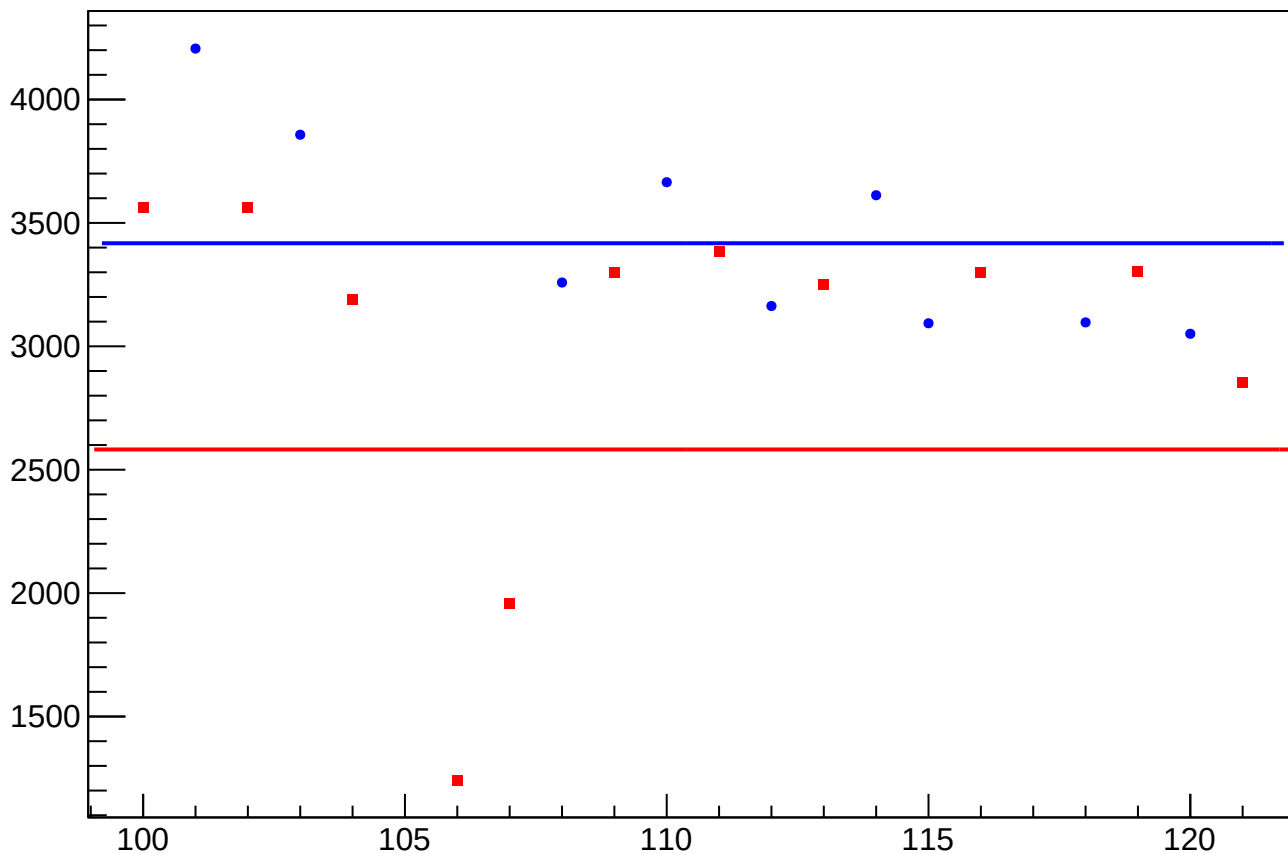
Right: -97.162 $\pm$ 1057.582 χ^2 /NDF: 21.5/19

In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -97.162 $\pm$ 1057.582 χ^2 /NDF: 21.5/19

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2582.070+/-0.924 χ^2/NDF : 979256.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

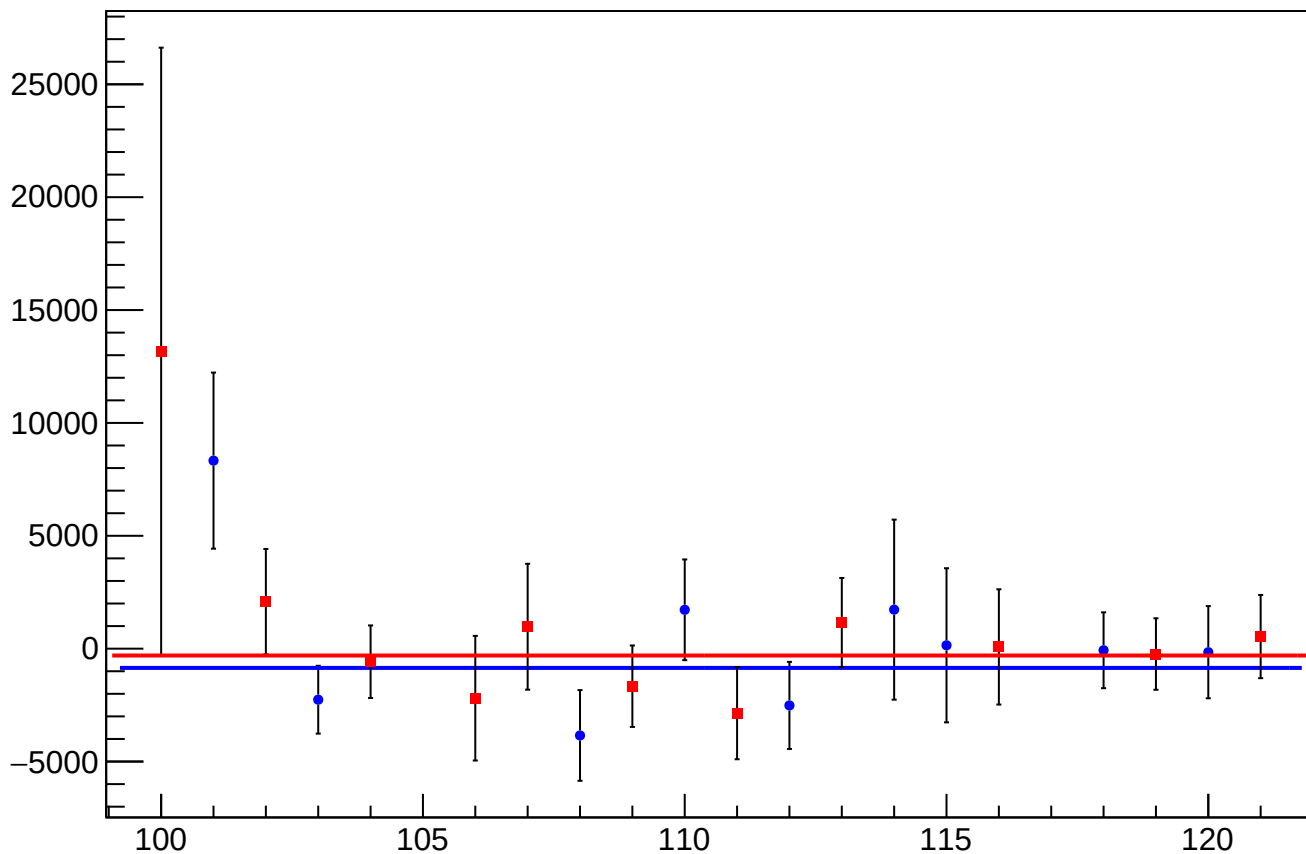
Right: 2870.552+/-0.748 χ^2/NDF : 1359961.3/19

In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2870.552+/-0.748 χ^2/NDF : 1359961.3/19

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

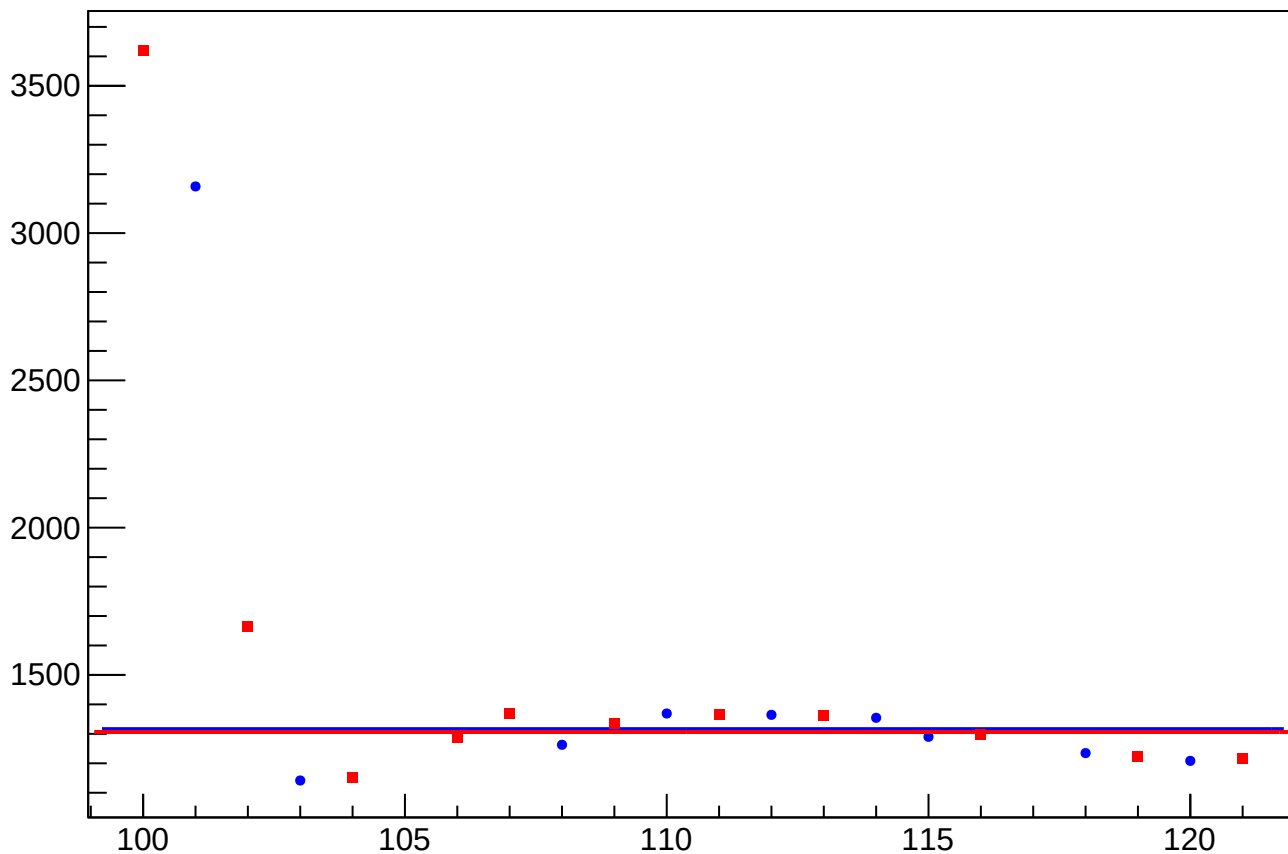
Right: -545.832+/-473.746 χ^2/NDF : 17.5/19

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -545.832+/-473.746 χ^2/NDF : 17.5/19

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

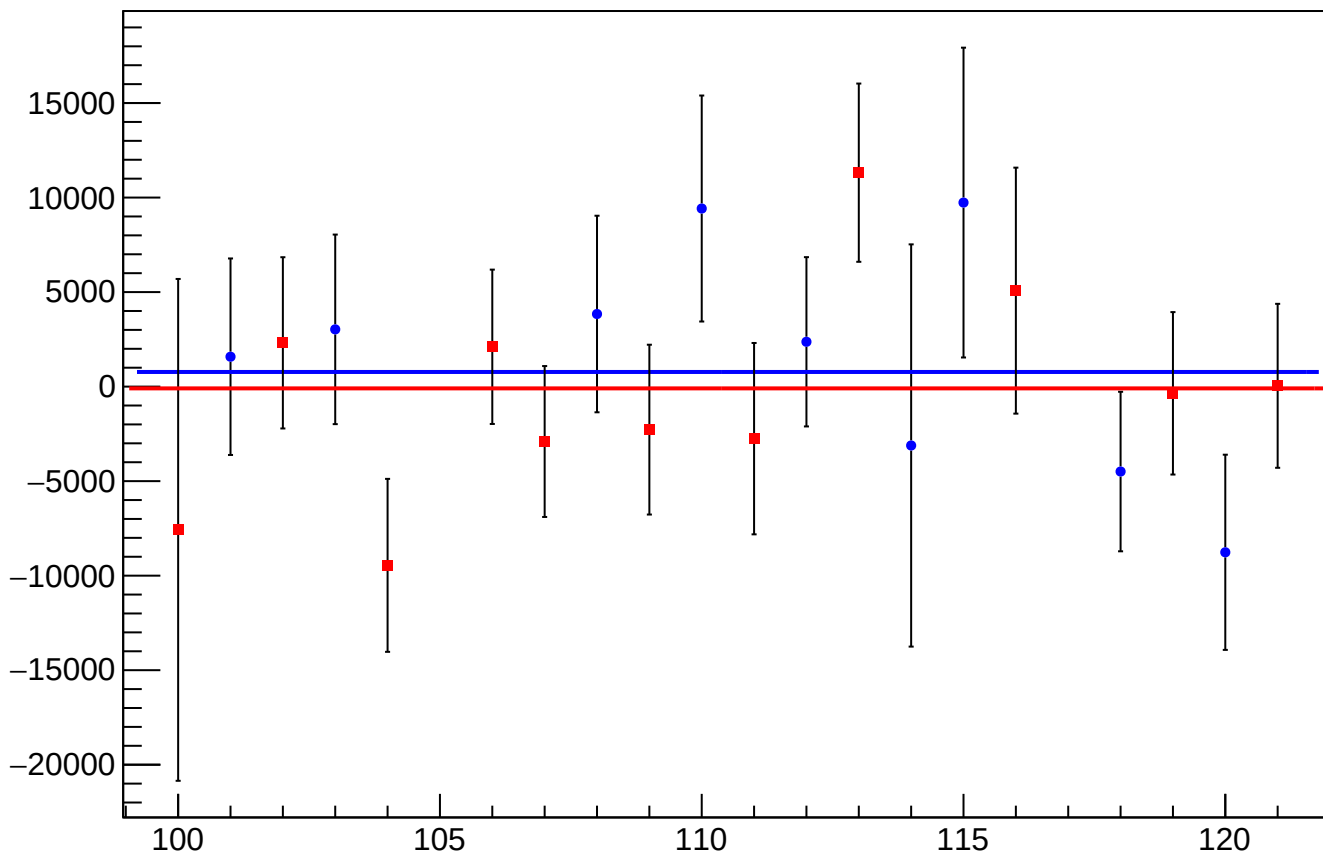
Right: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

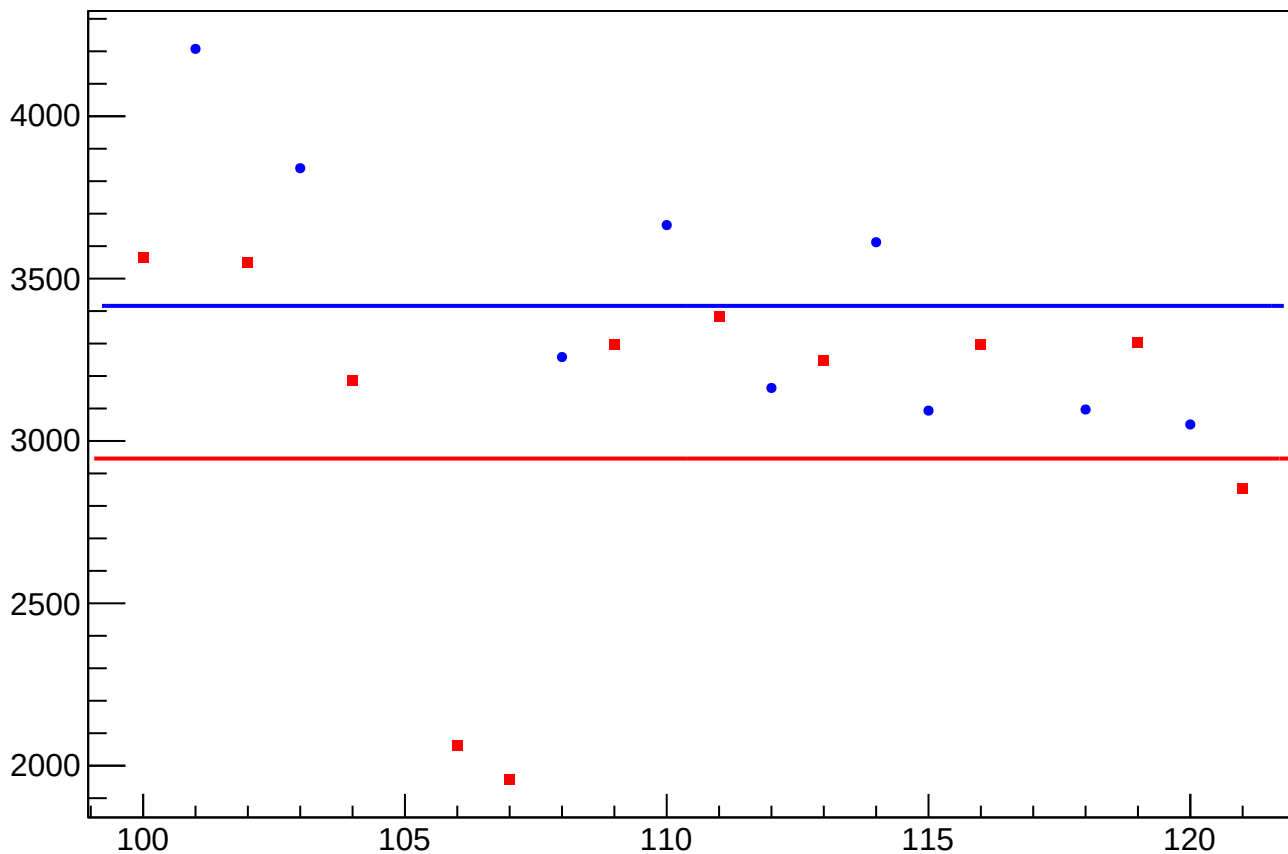
Right: 242.268+/-1118.976 χ^2/NDF : 21.8/19

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.268+/-1118.976 χ^2/NDF : 21.8/19

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

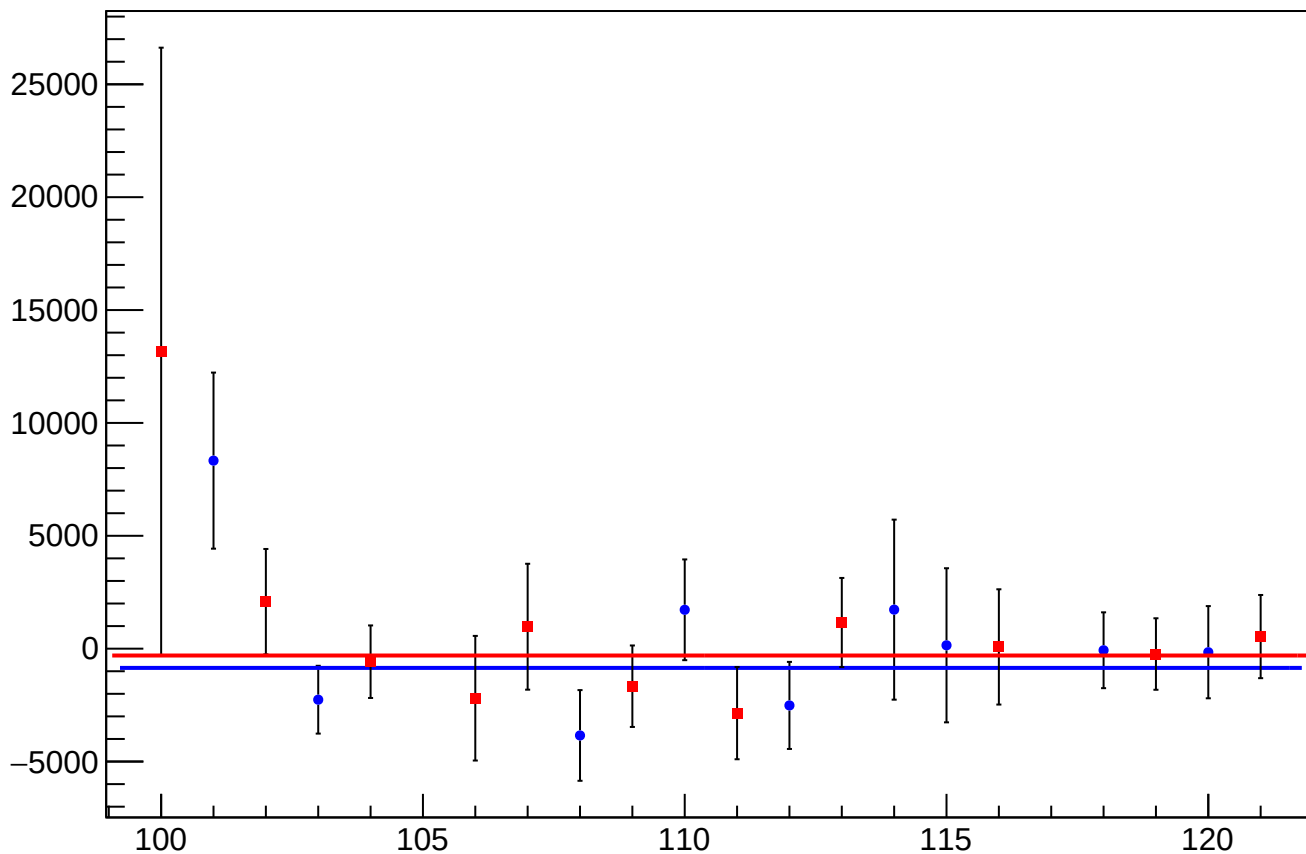
Right: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

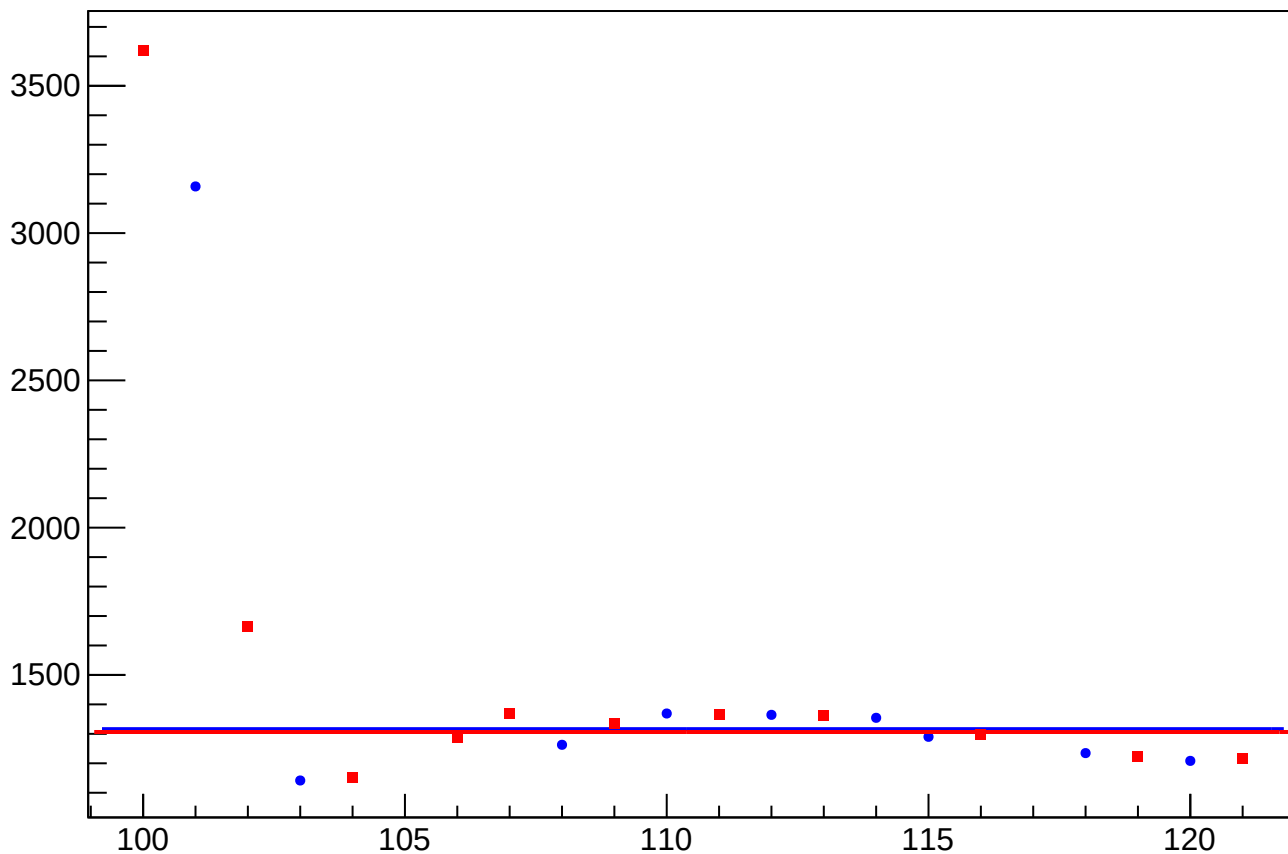
Right: -545.832+/-473.746 χ^2/NDF : 17.5/19

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -545.832+/-473.746 χ^2/NDF : 17.5/19

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

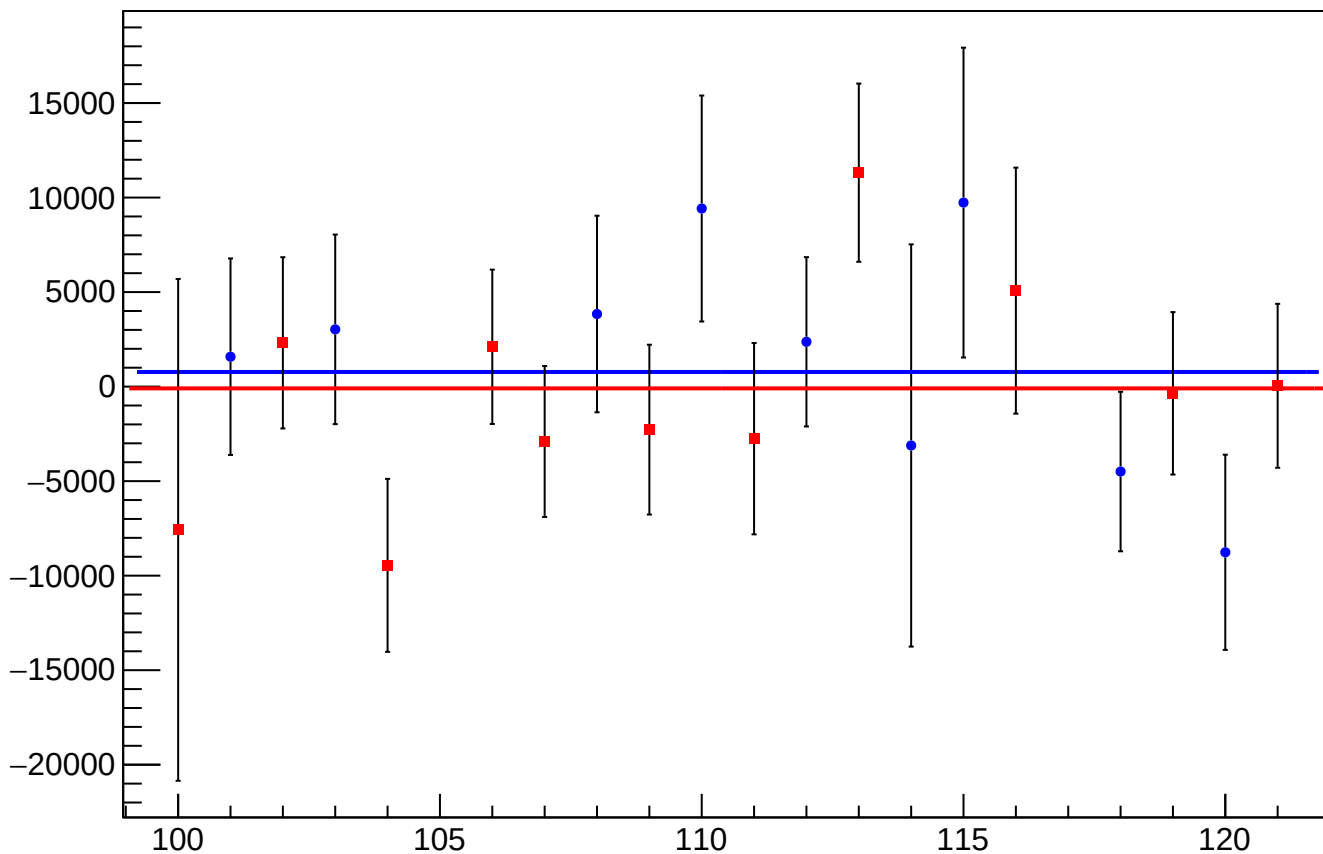
Right: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

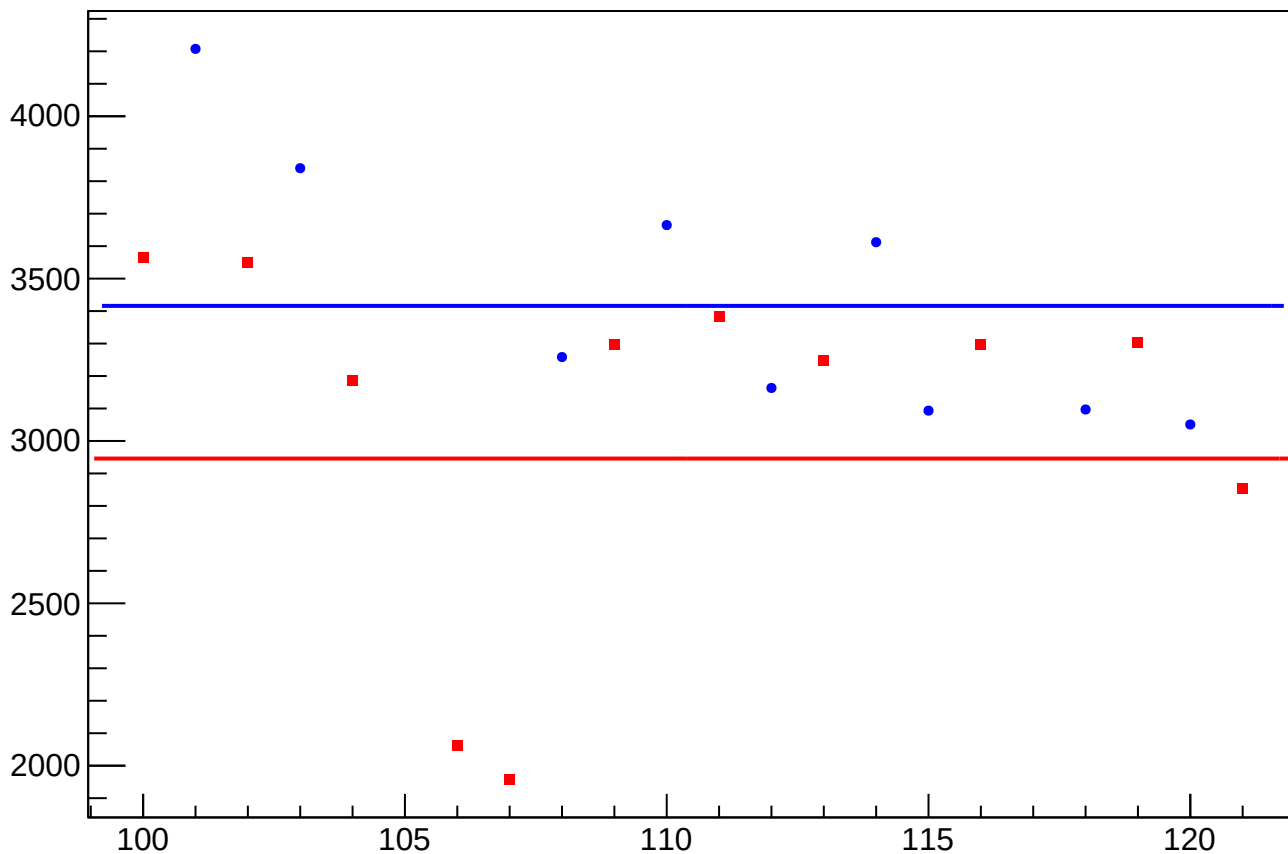
Right: 242.268+/-1118.976 χ^2/NDF : 21.8/19

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.268+/-1118.976 χ^2/NDF : 21.8/19

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

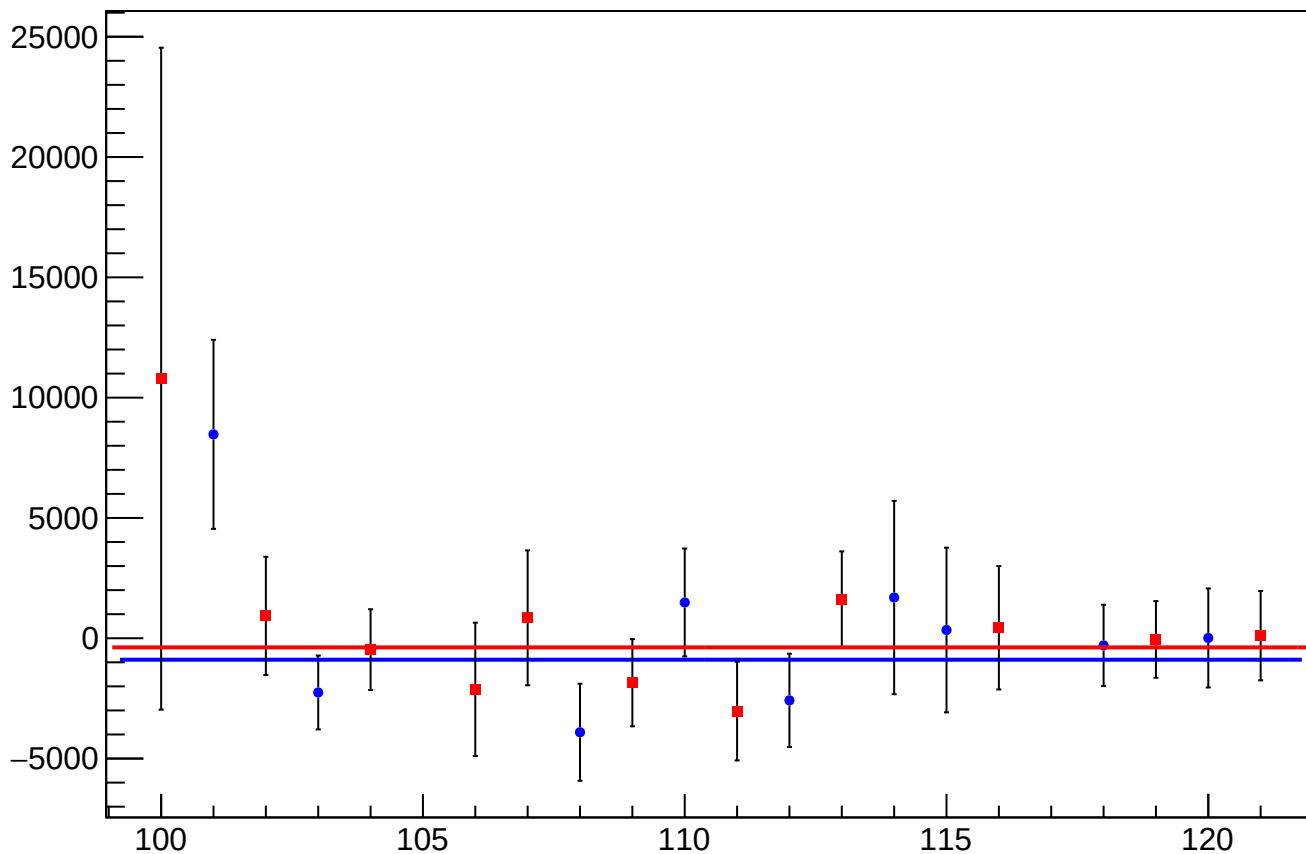
Right: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.809+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

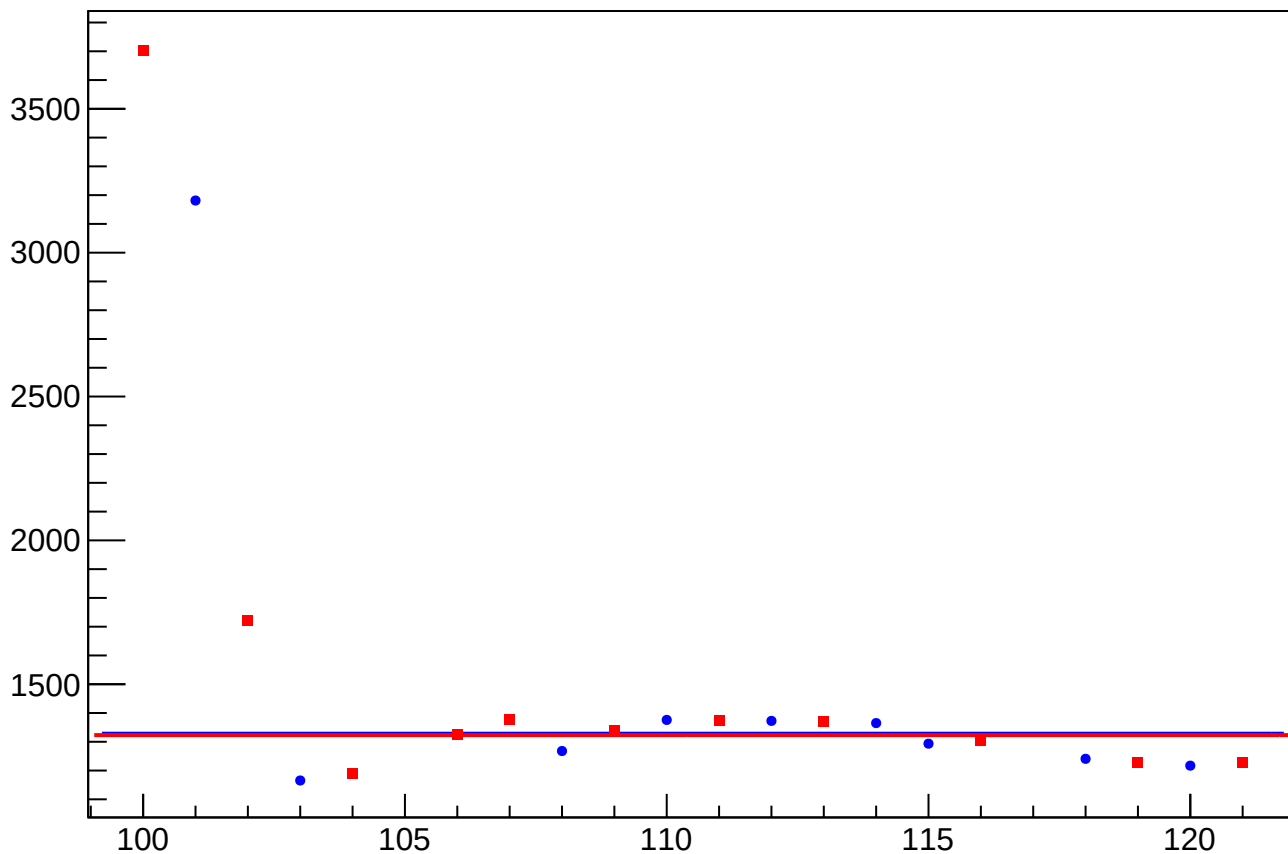
Right: -607.767+/-479.484 χ^2/NDF : 16.8/19

In: -892.330+/-718.956 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -607.767+/-479.484 χ^2/NDF : 16.8/19

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

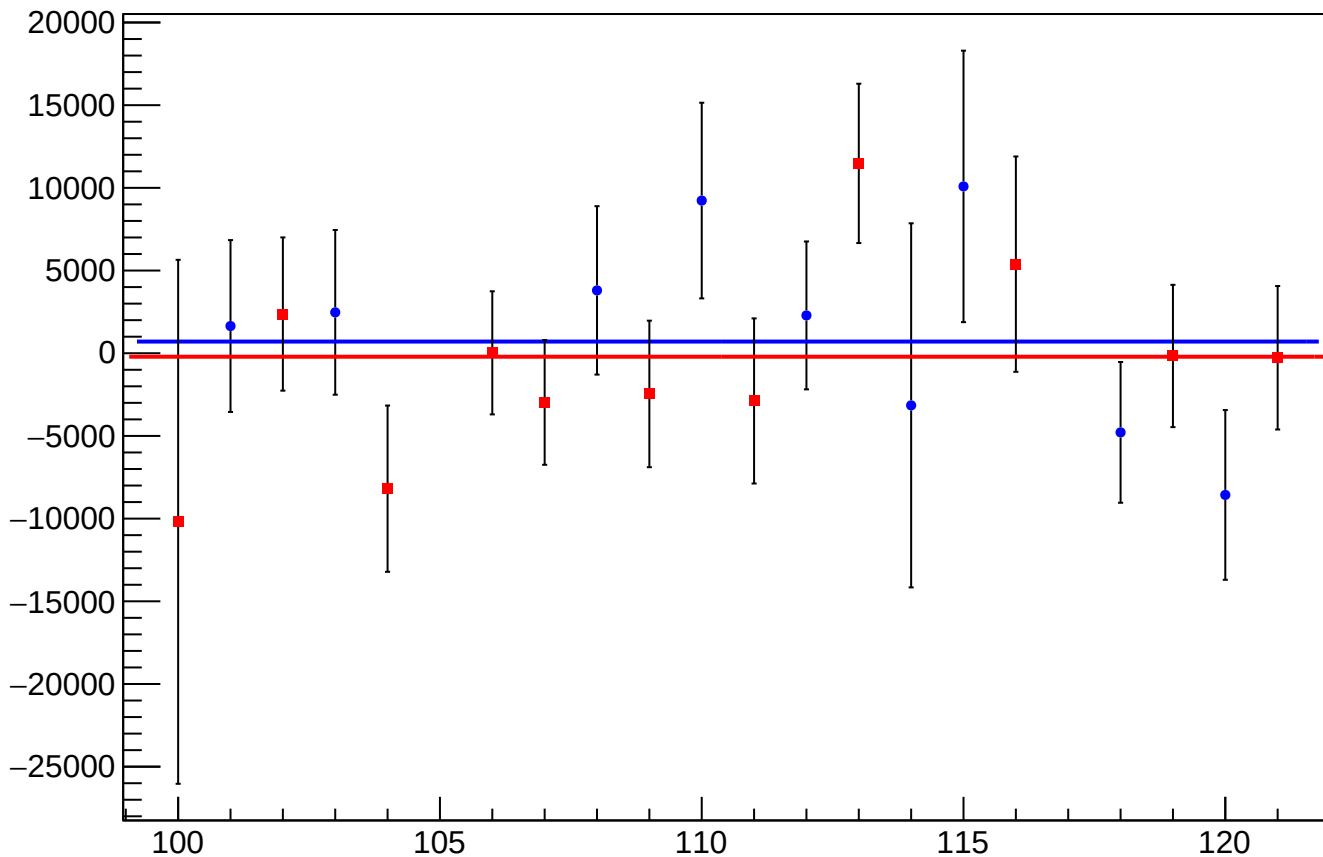
Right: 1325.322+/-0.339 χ^2/NDF : 623501.9/19

In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.322+/-0.339 χ^2/NDF : 623501.9/19

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.111+/-1417.731 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

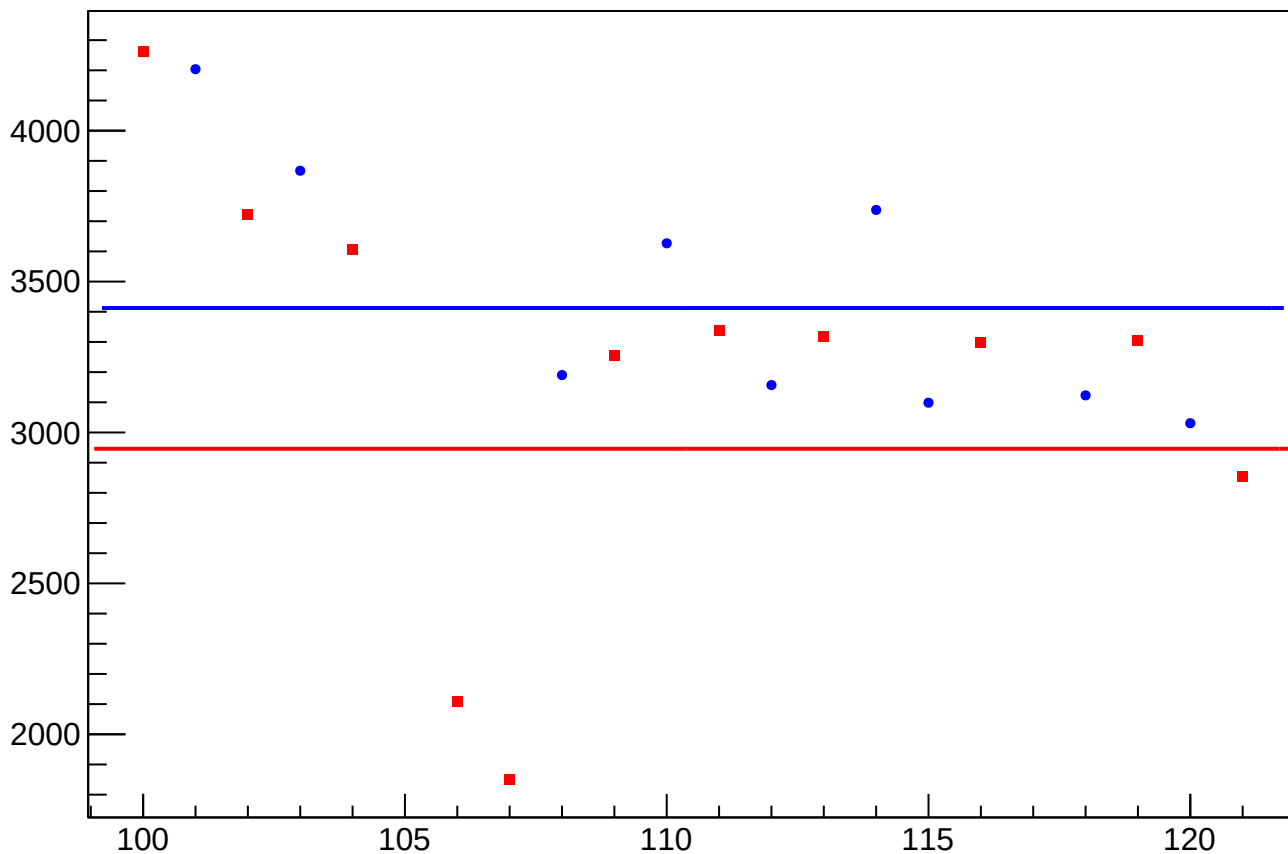
Right: 142.390+/-1112.245 χ^2/NDF : 20.2/19

In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.390+/-1112.245 χ^2/NDF : 20.2/19

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2946.176+/-1.002 χ^2/NDF : 429902.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

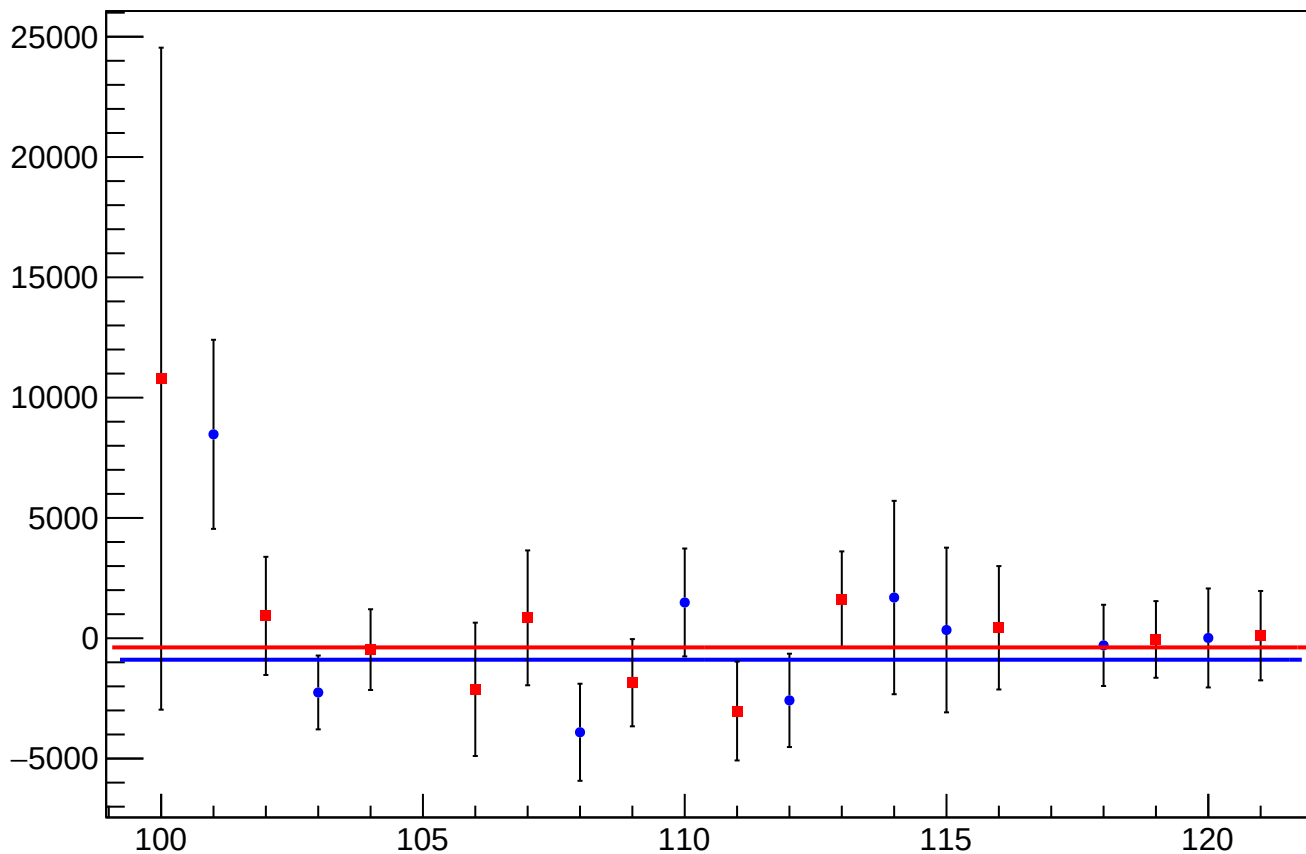
Right: 3125.434+/-0.786 χ^2/NDF : 614071.4/19

In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.434+/-0.786 χ^2/NDF : 614071.4/19

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.328+/-718.956 χ^2 /NDF: 11.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -379.818+/-643.489 χ^2 /NDF: 5.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

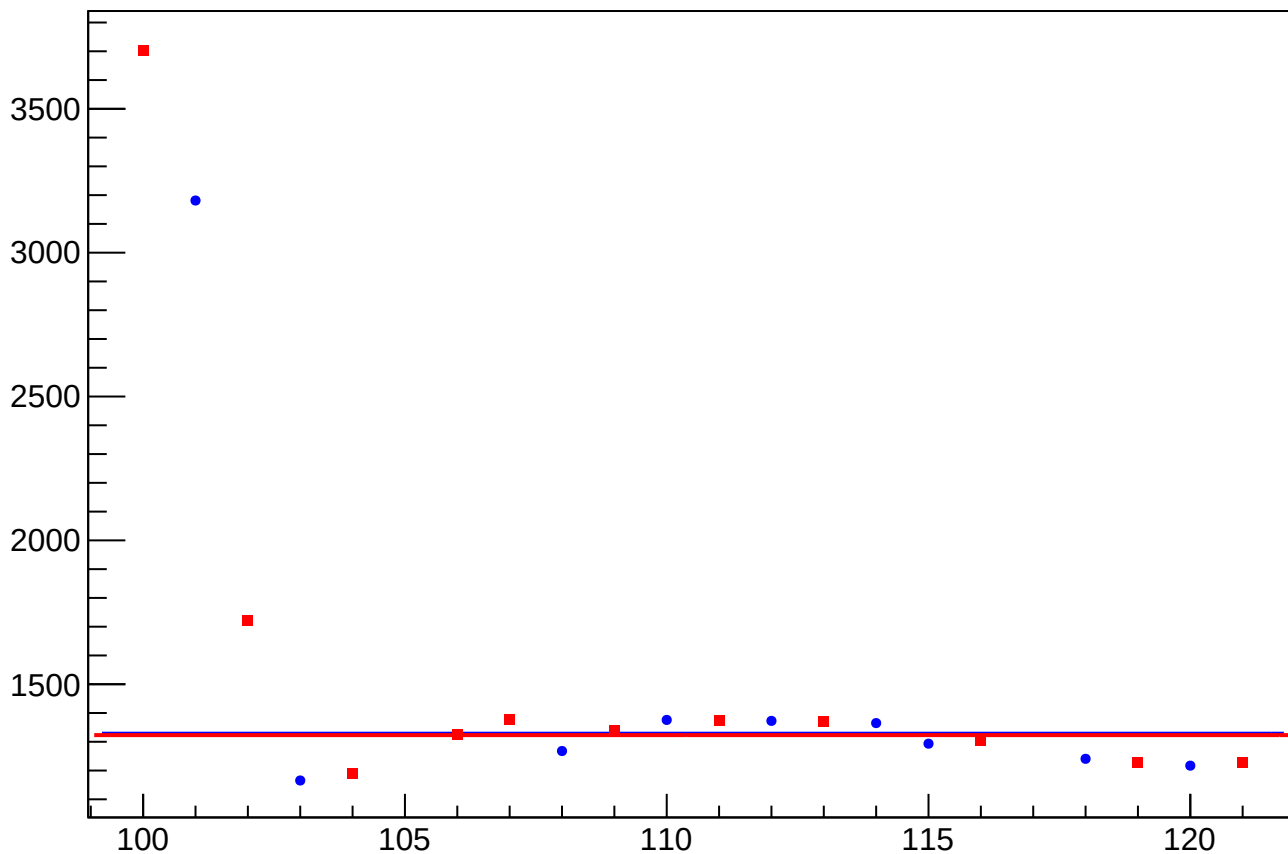
Right: -607.771+/-479.484 χ^2 /NDF: 16.8/19

In: -892.328+/-718.956 χ^2 /NDF:11.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -607.771+/-479.484 χ^2 /NDF: 16.8/19

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1328.042 $\pm$ 0.508 χ^2 /NDF: 482693.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1323.148 $\pm$ 0.454 χ^2 /NDF: 140757.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

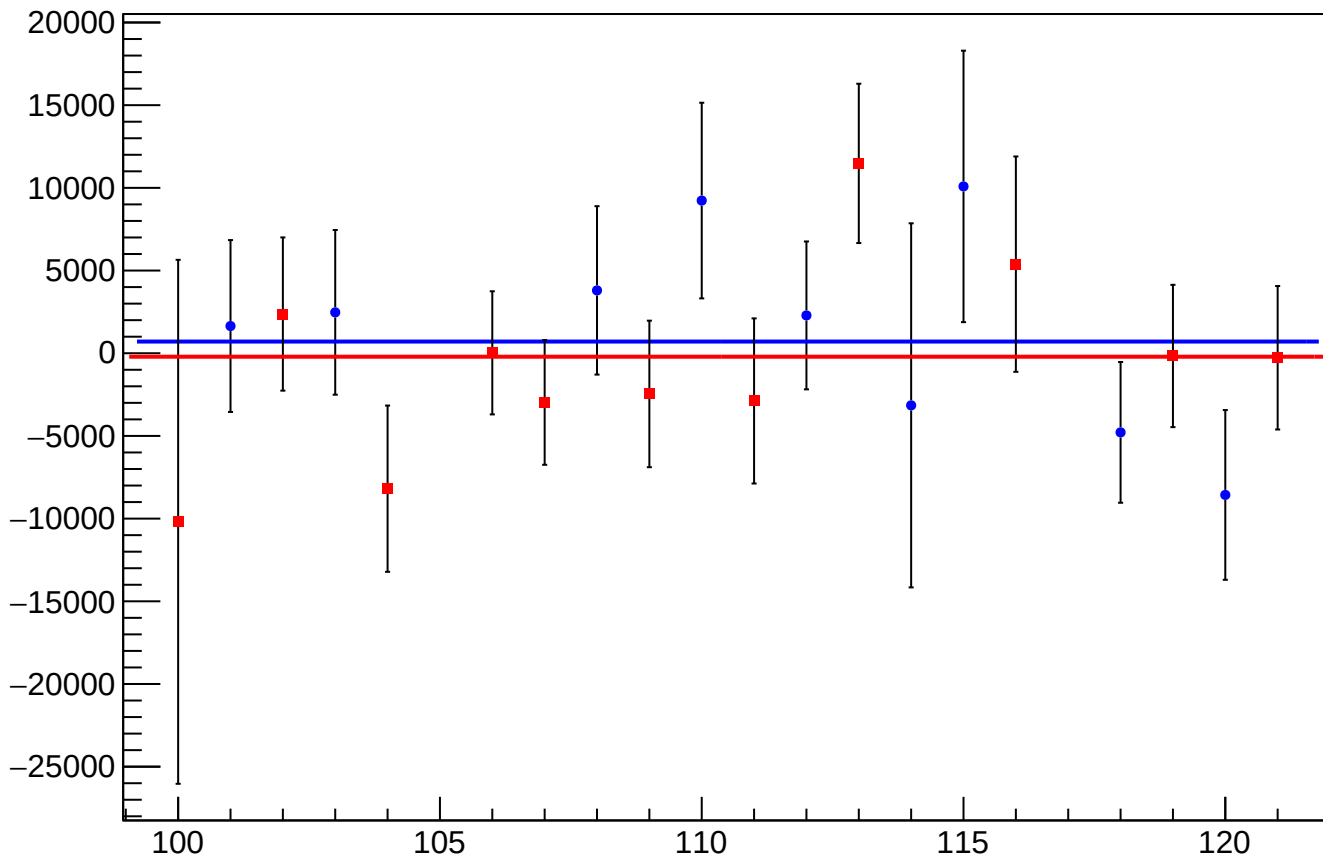
Right: 1325.322 $\pm$ 0.339 χ^2 /NDF: 623502.0/19

In: 1328.042 $\pm$ 0.508 χ^2 /NDF:482693.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1325.322 $\pm$ 0.339 χ^2 /NDF: 623502.0/19

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.114+/-1417.728 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

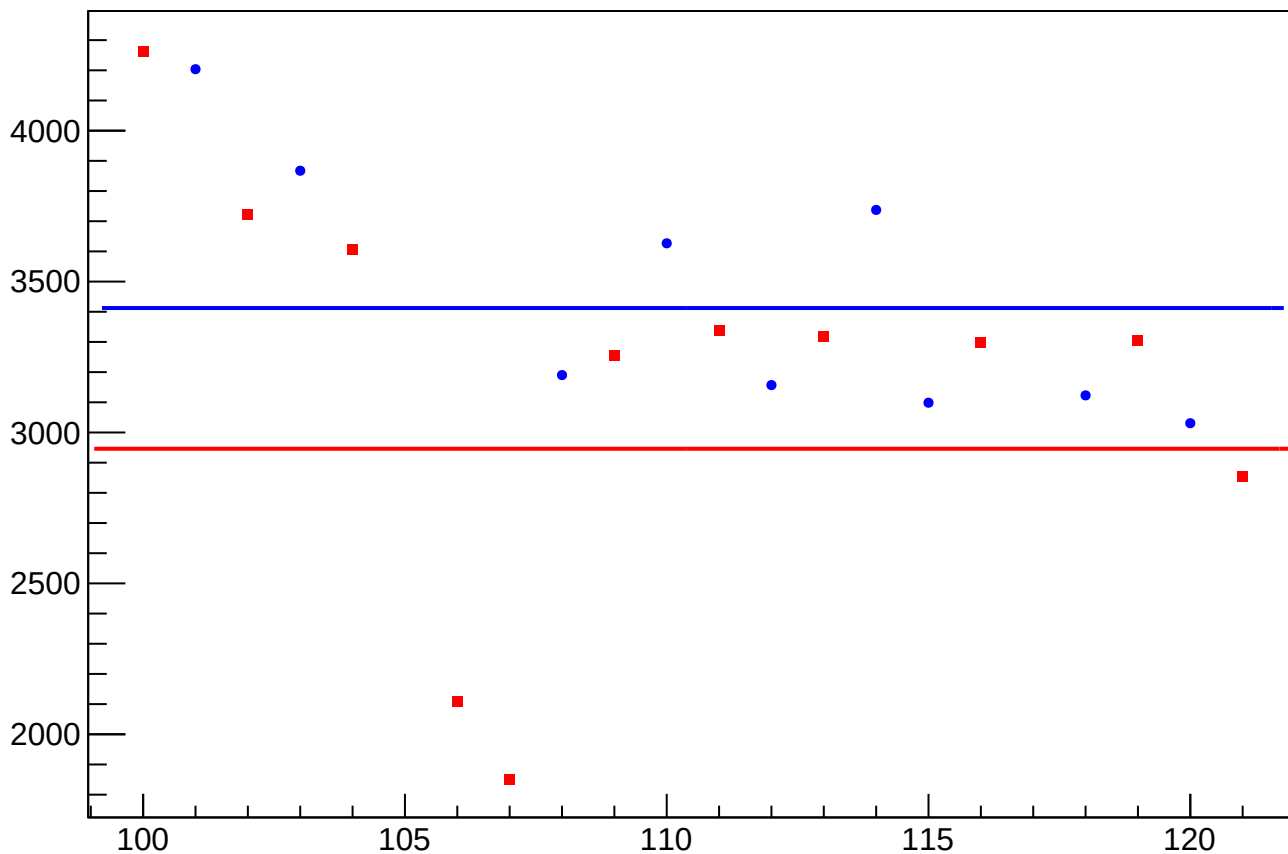
Right: 142.385+/-1112.242 χ^2/NDF : 20.2/19

In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.385+/-1112.242 χ^2/NDF : 20.2/19

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2946.169+/-1.002 χ^2/NDF : 429904.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

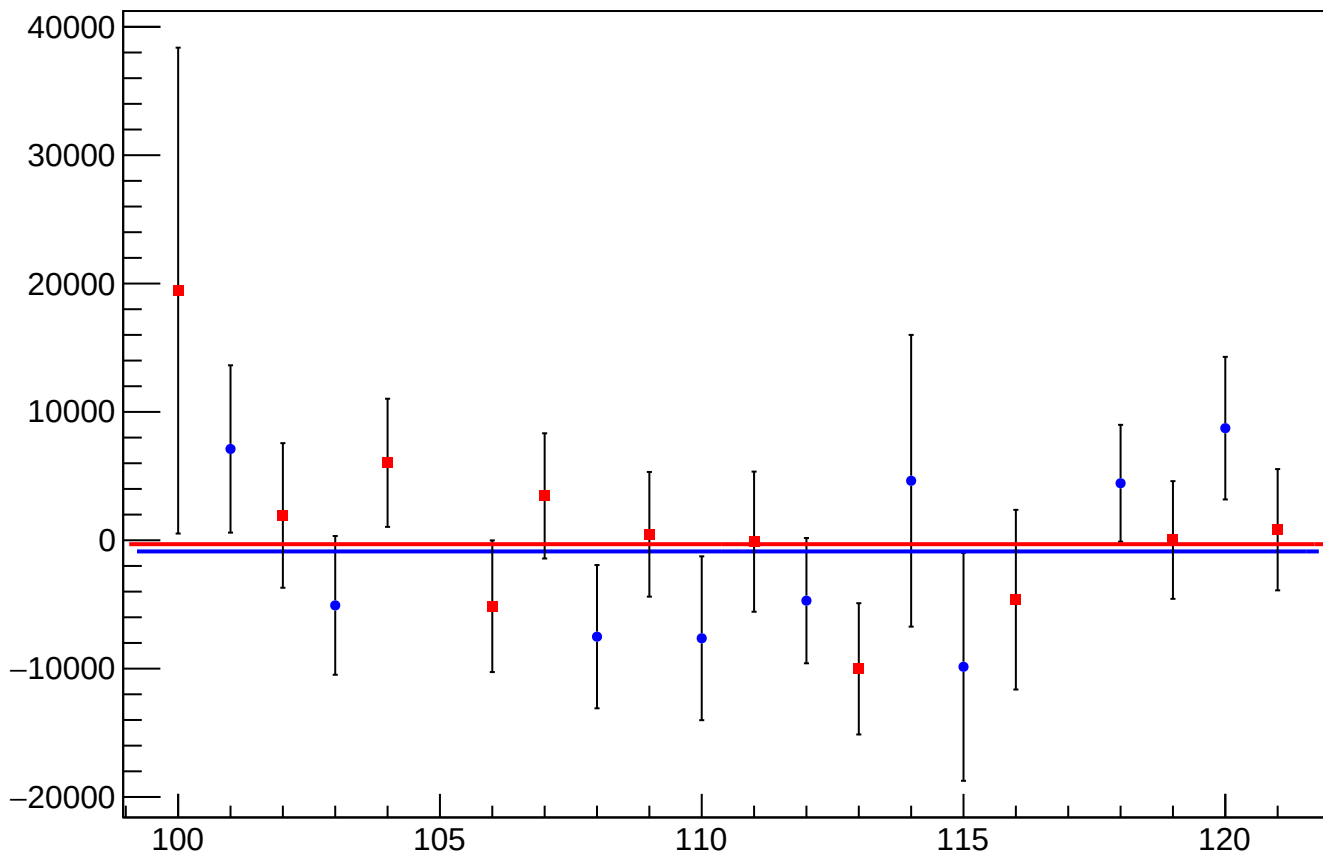
Right: 3125.426+/-0.786 χ^2/NDF : 614075.4/19

In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.426+/-0.786 χ^2/NDF : 614075.4/19

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.655+/-1619.062 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

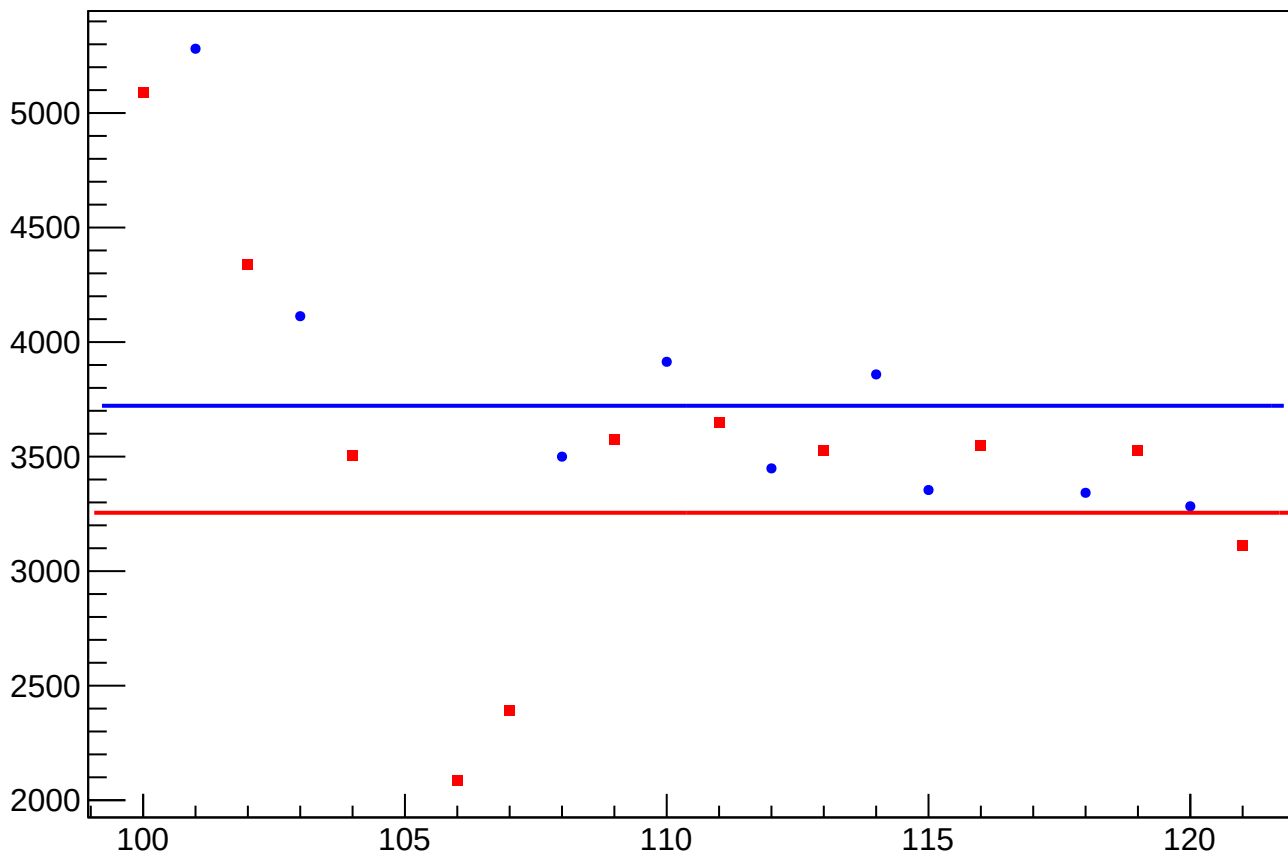
Right: -532.215+/-1250.940 χ^2/NDF : 19.3/19

In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.215+/-1250.940 χ^2/NDF : 19.3/19

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3254.864+/-1.122 χ^2/NDF : 343171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

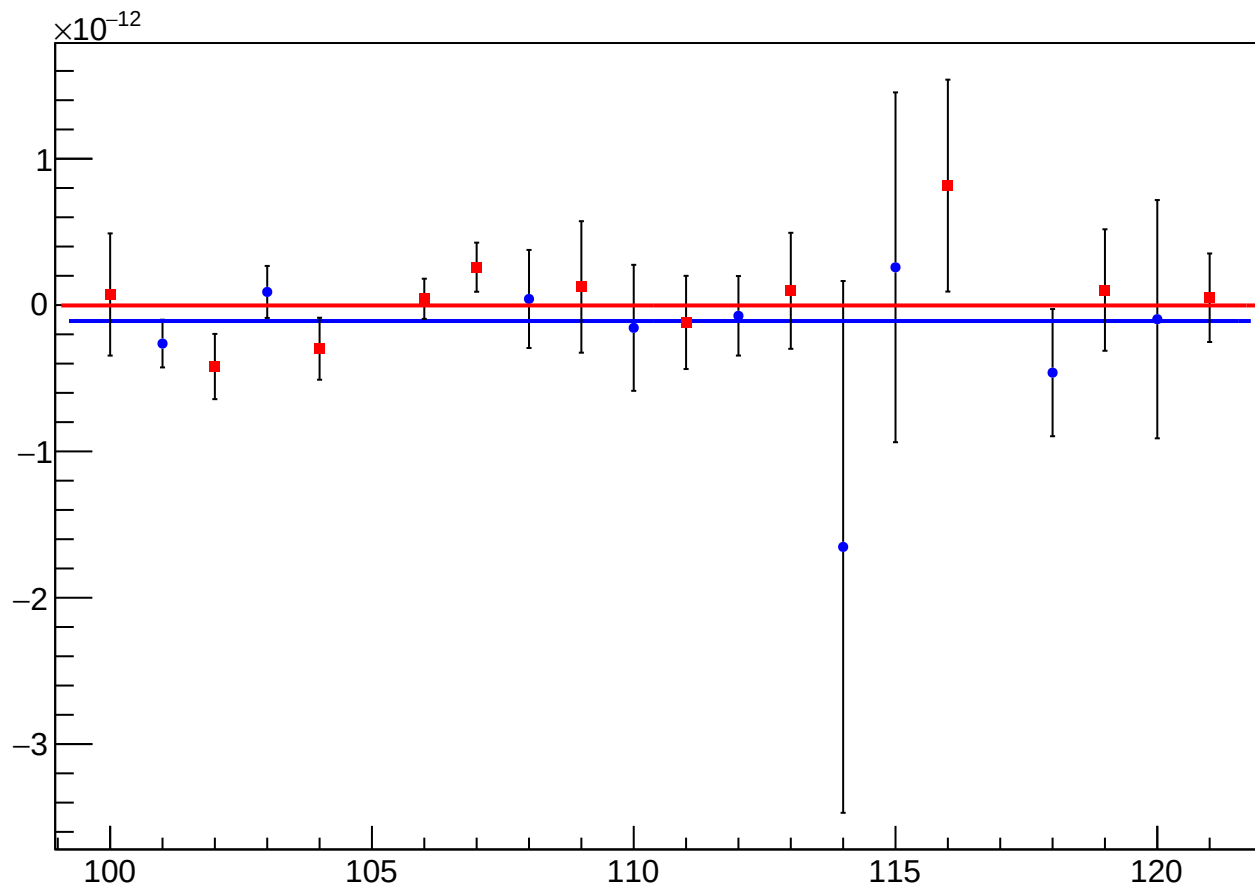
Right: 3438.642+/-0.874 χ^2/NDF : 577588.8/19

In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3438.642+/-0.874 χ^2/NDF : 577588.8/19

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

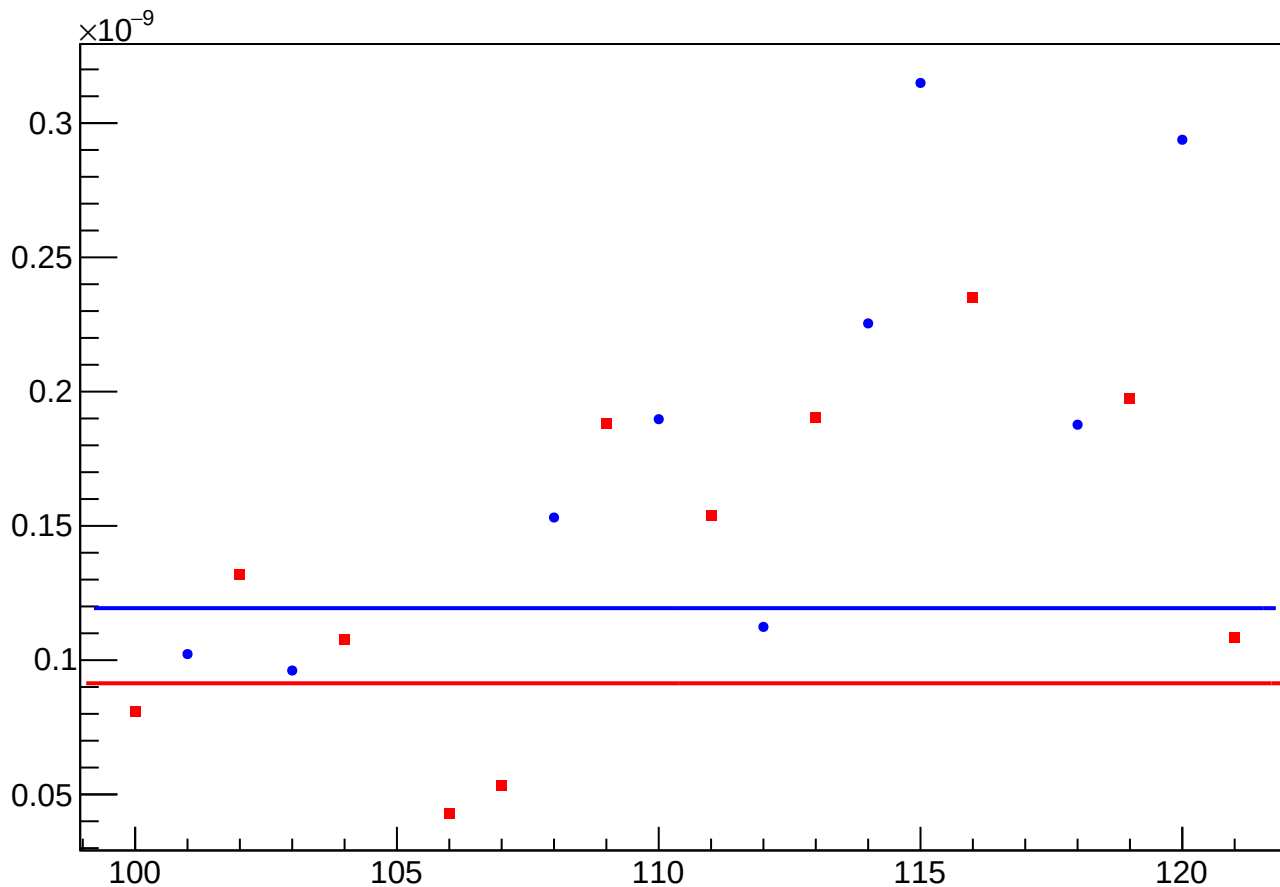
Right: -0.000+/-0.000 χ^2/NDF : 14.3/19

In: -0.000+/-0.000 χ^2/NDF :3.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/19

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 941096.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

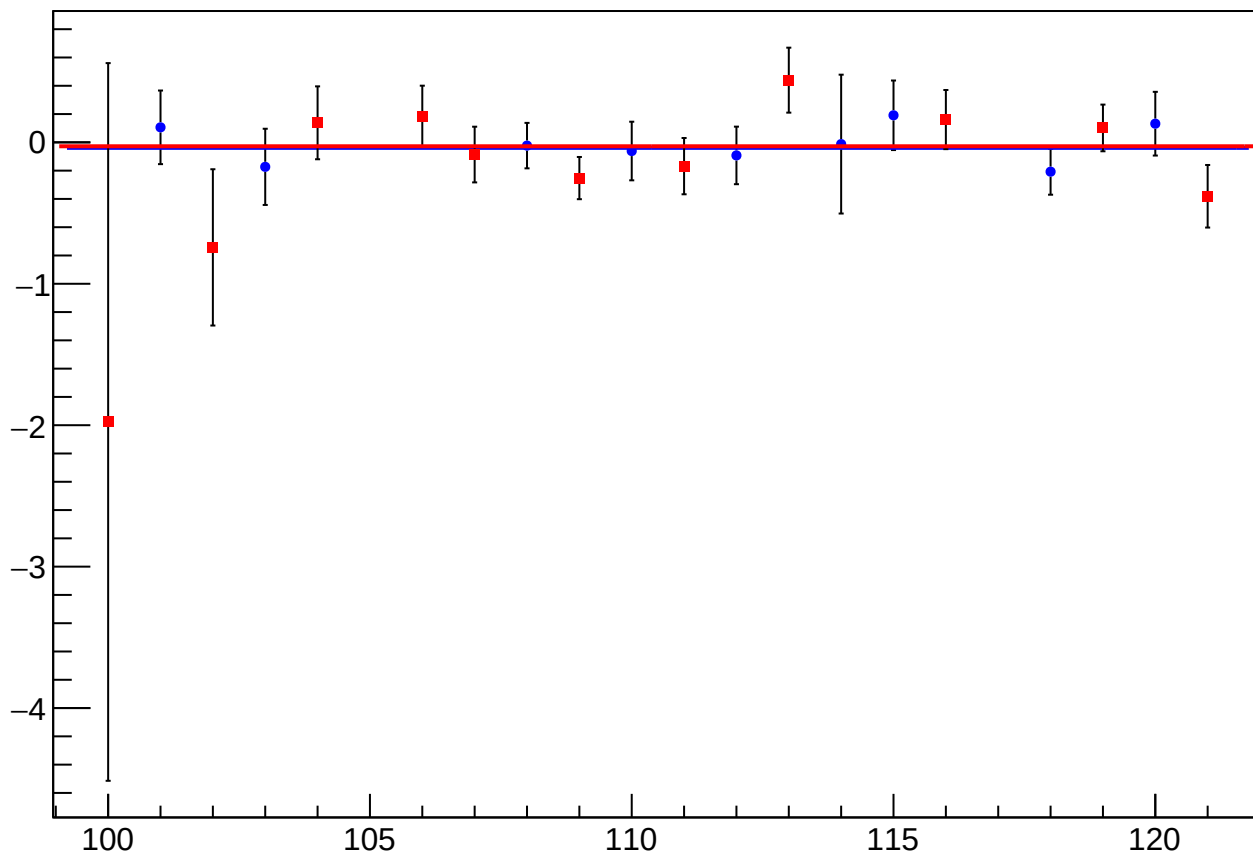
Right: 0.000+/-0.000 χ^2/NDF : 1376984.2/19

In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1376984.2/19

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

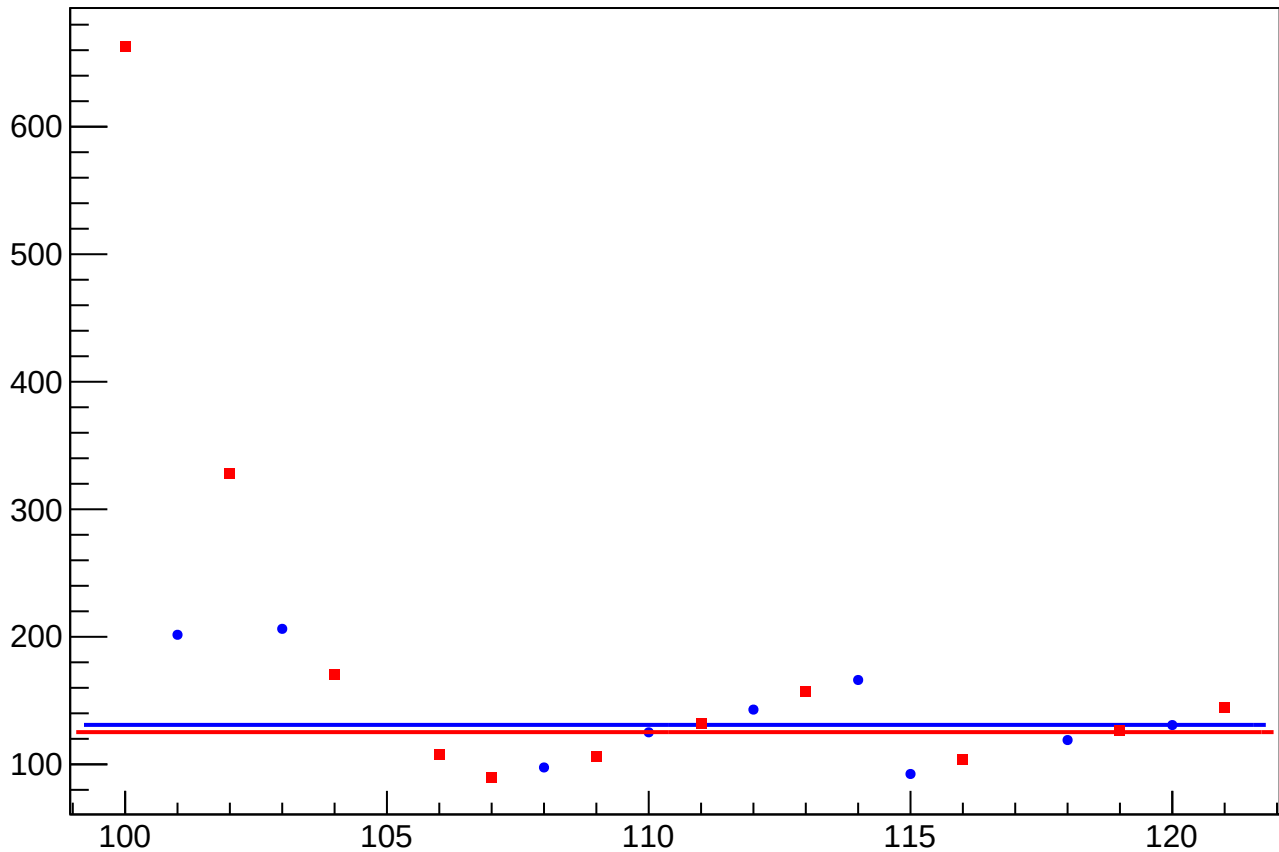
Right: -0.033 ± 0.048 χ^2/NDF : 17.8/19

In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.048 χ^2/NDF : 17.8/19

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

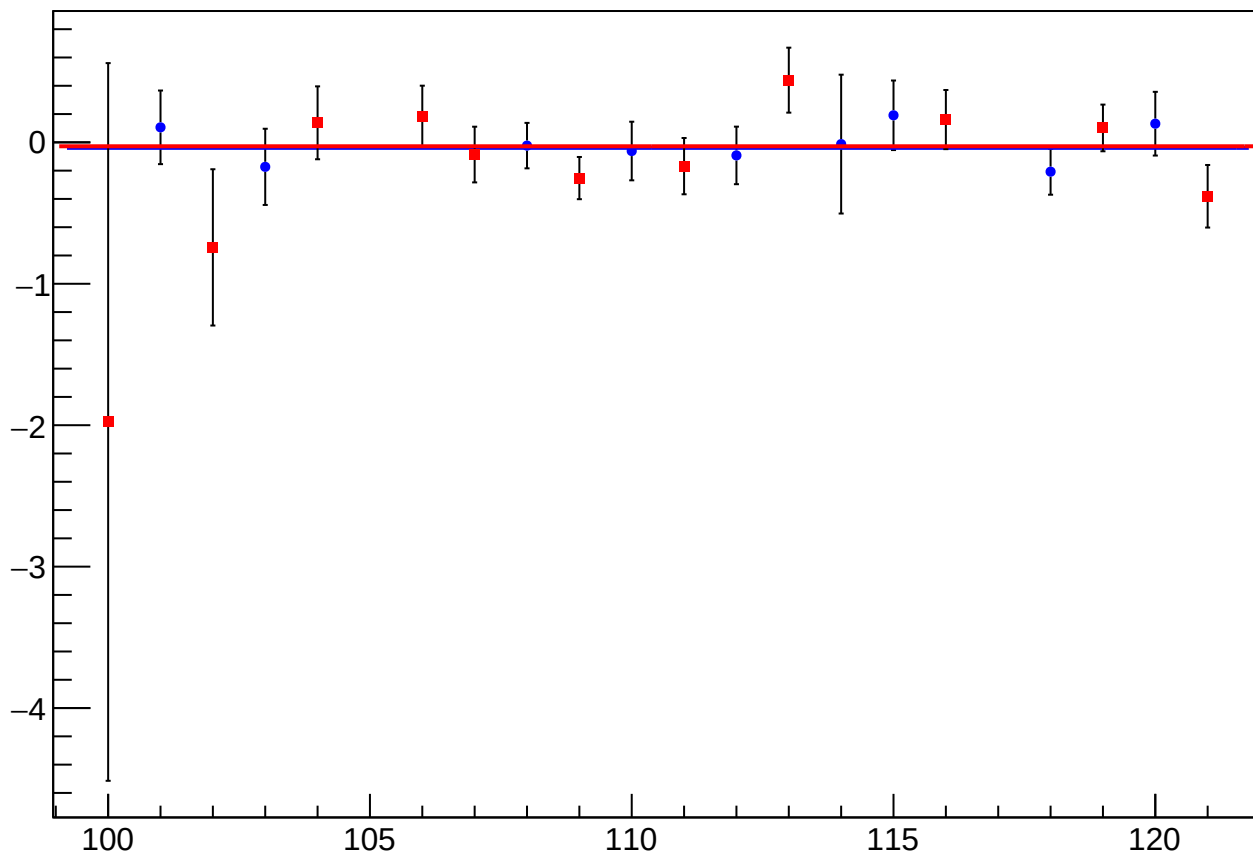
Right: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.028 ± 0.065 $\chi^2/\text{NDF}: 14.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

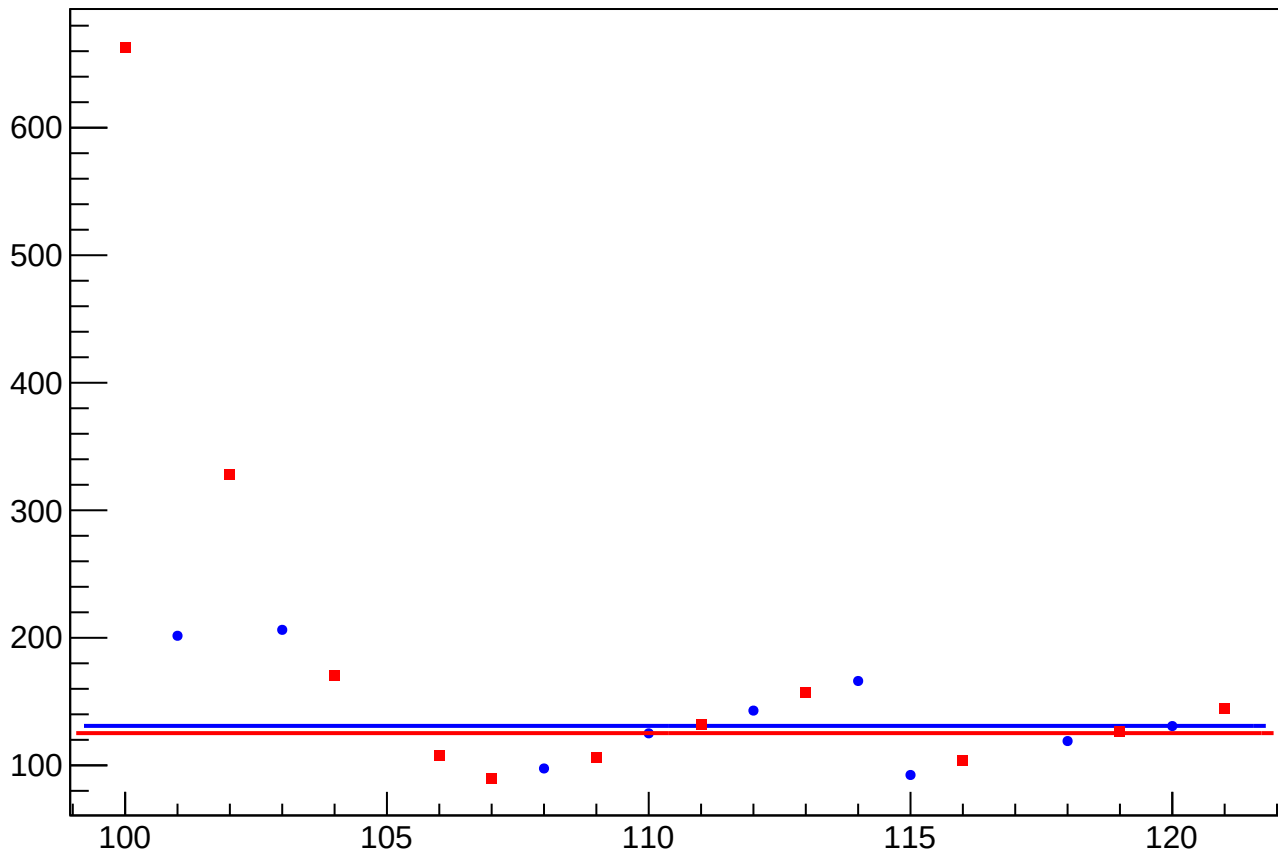
Right: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

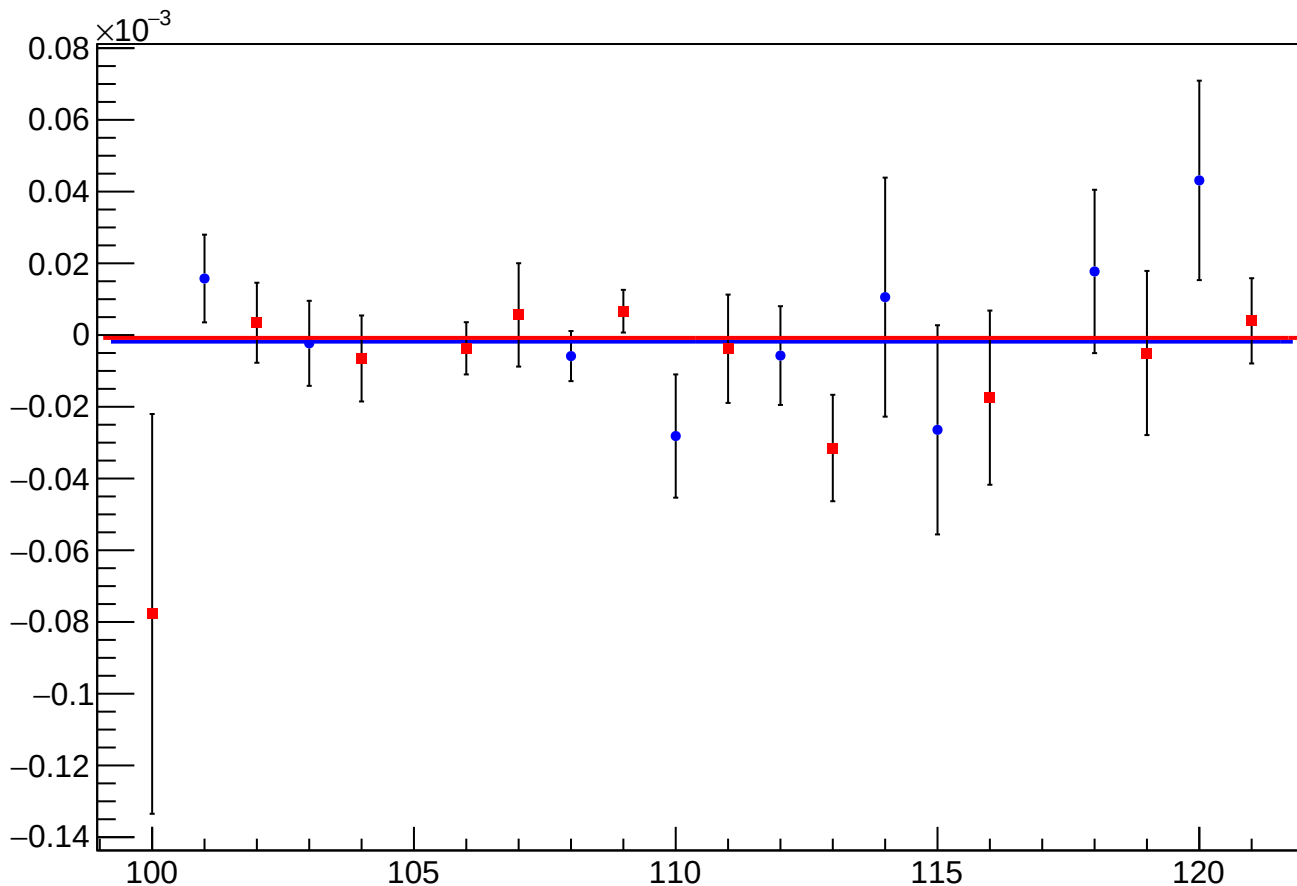
Right: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

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 : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

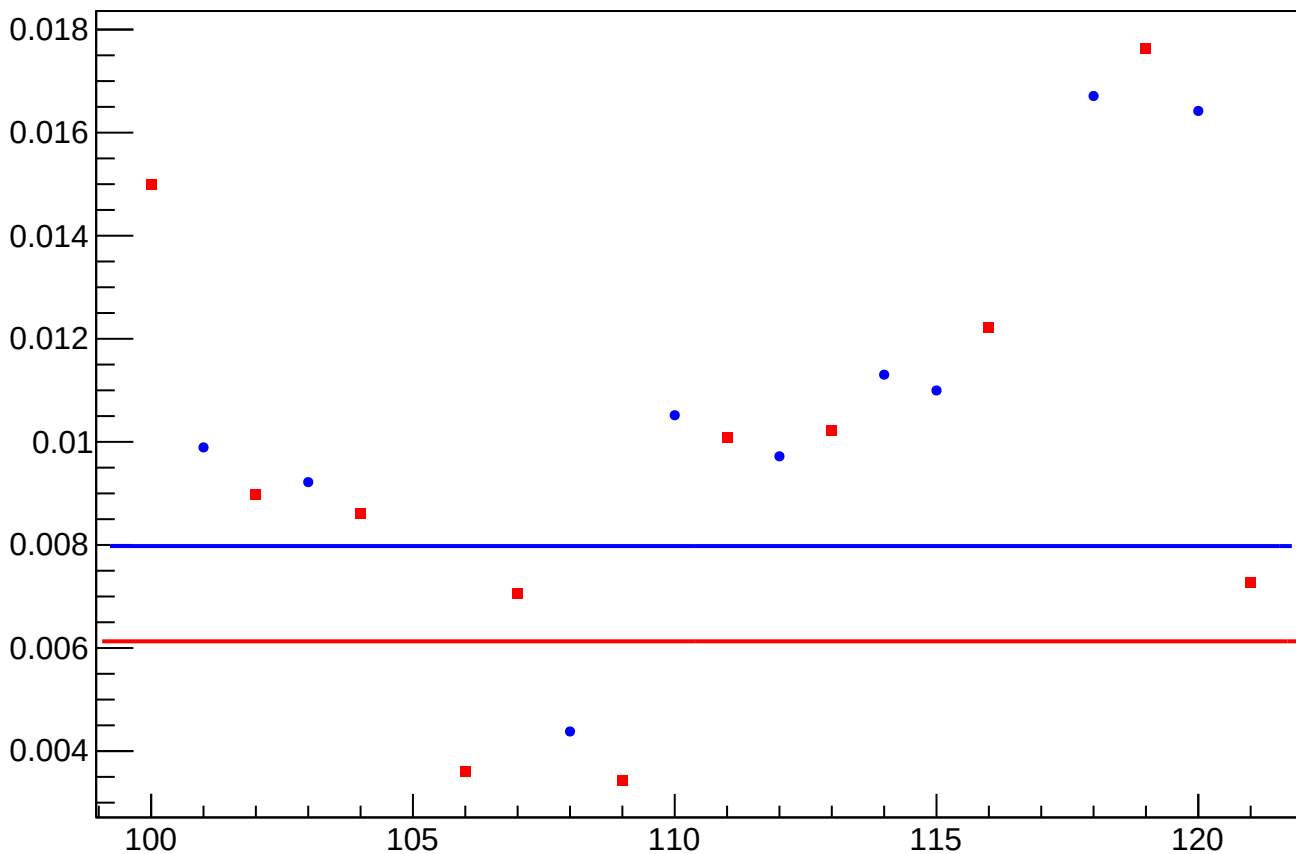
Right: -0.000+/-0.000 χ^2/NDF : 18.3/19

In: -0.000+/-0.000 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/19

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1865475.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

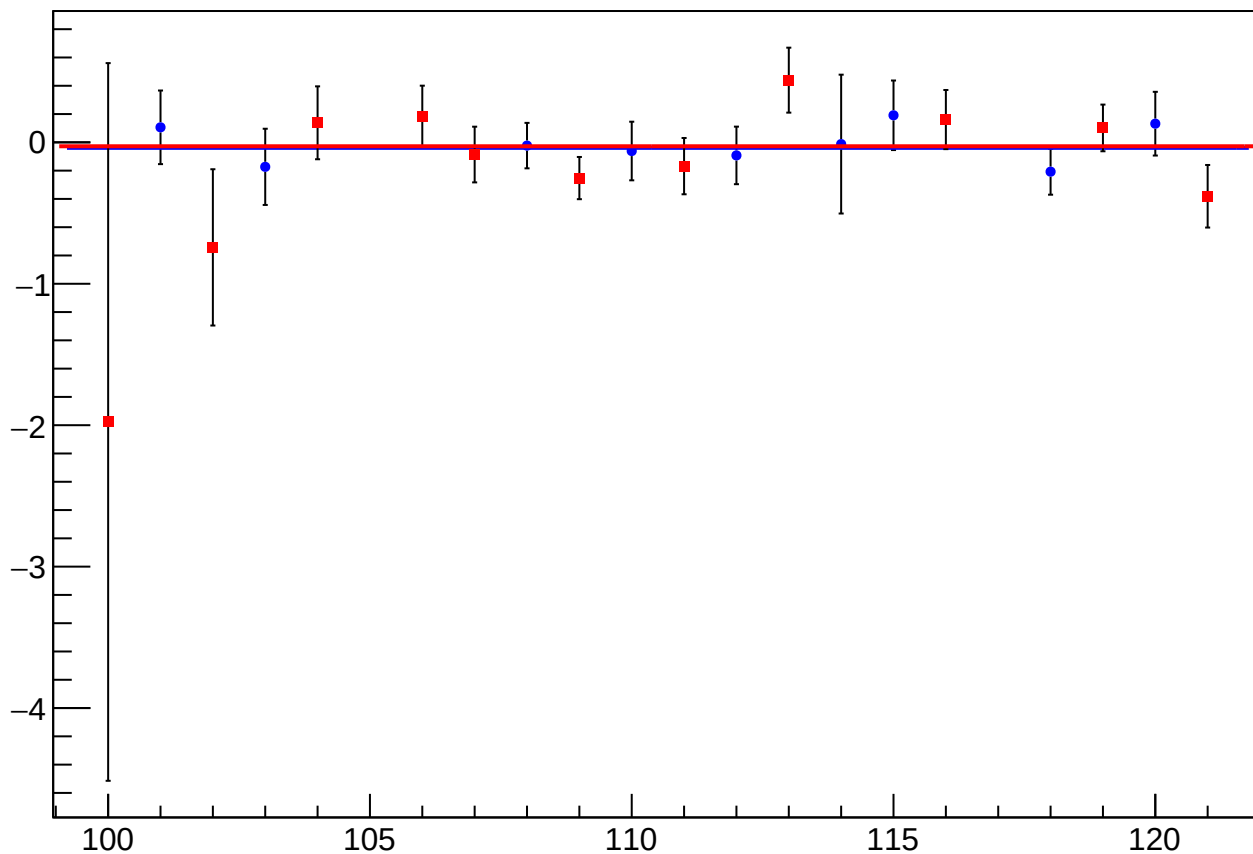
Right: 0.007+/-0.000 χ^2/NDF : 3274460.6/19

In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3274460.6/19

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

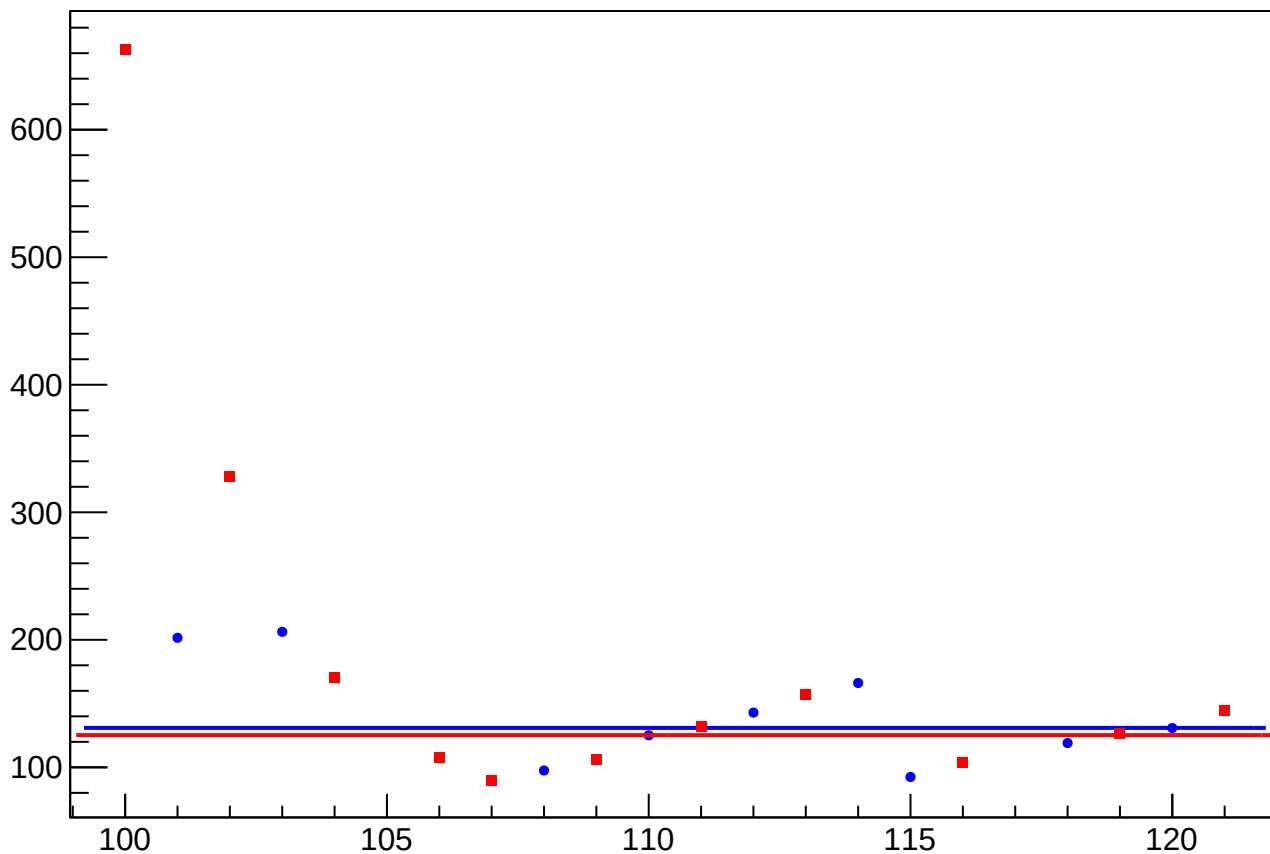
Right: -0.033 ± 0.048 χ^2/NDF : 17.8/19

In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.048 χ^2/NDF : 17.8/19

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

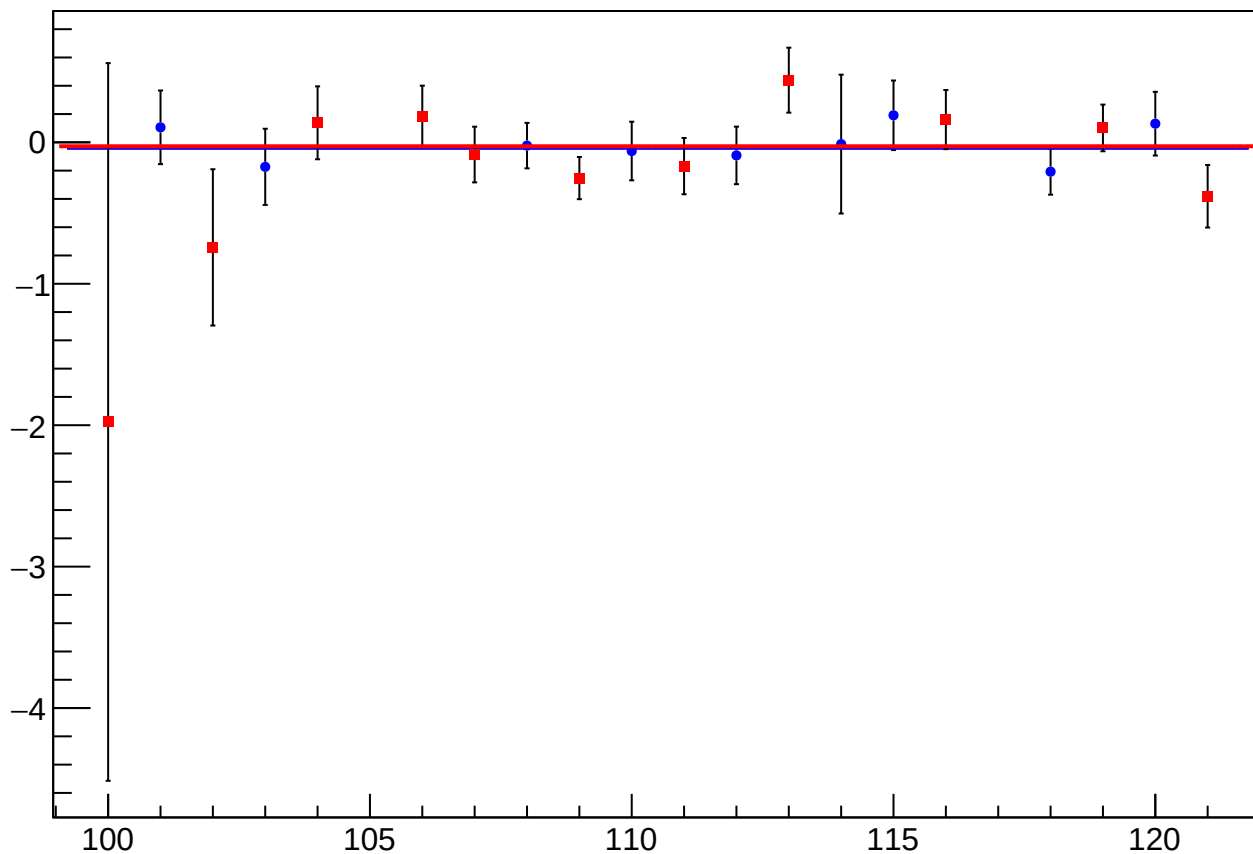
Right: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.028 ± 0.065 $\chi^2/\text{NDF}: 14.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

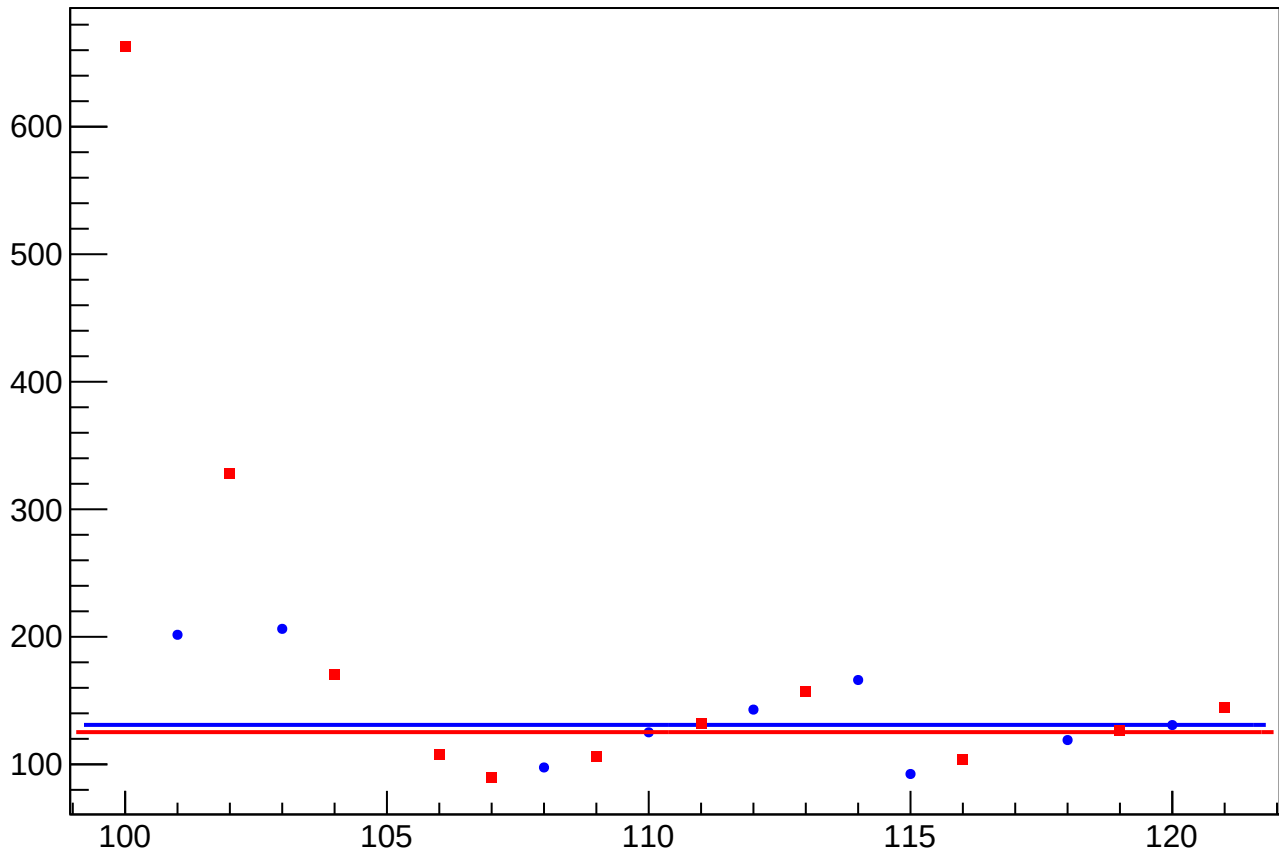
Right: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

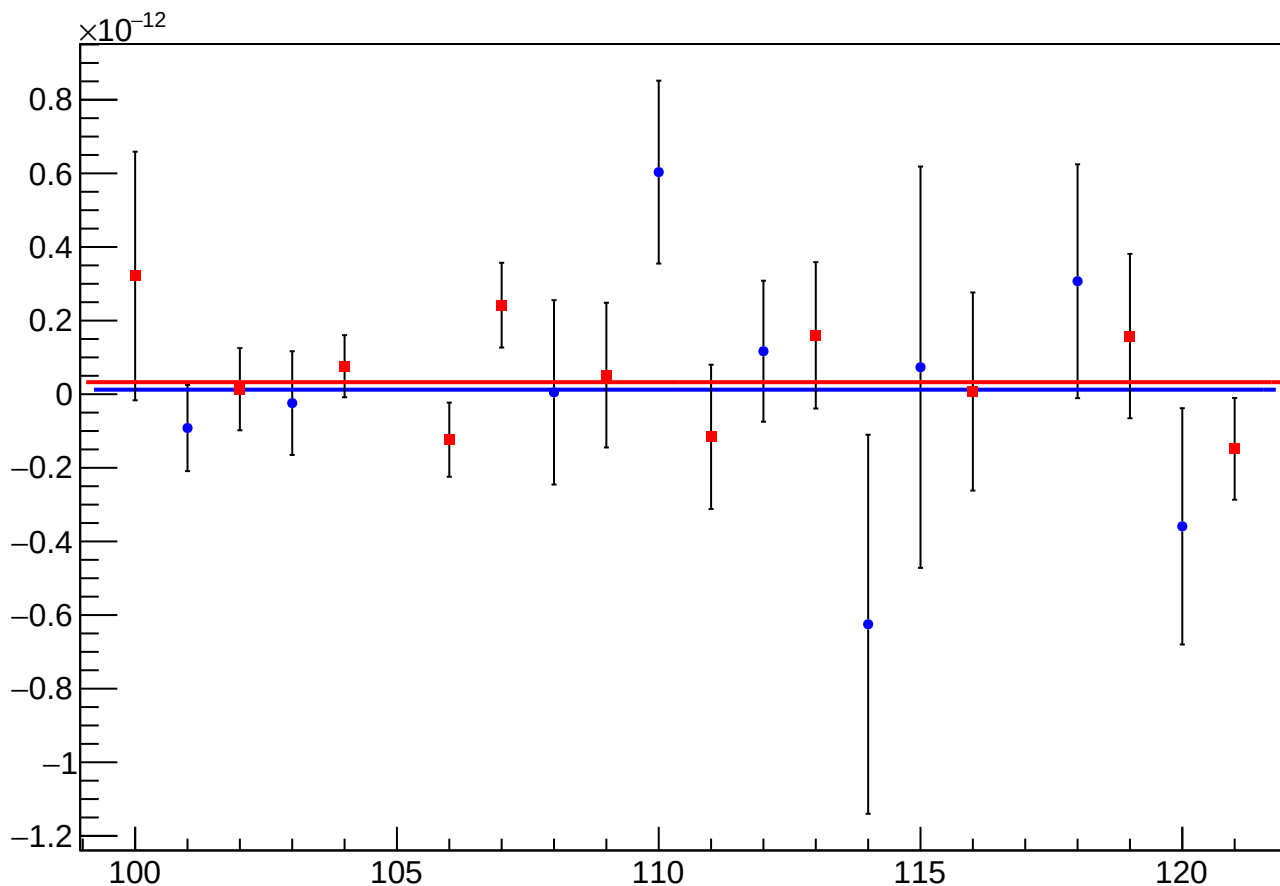
Right: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

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 : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

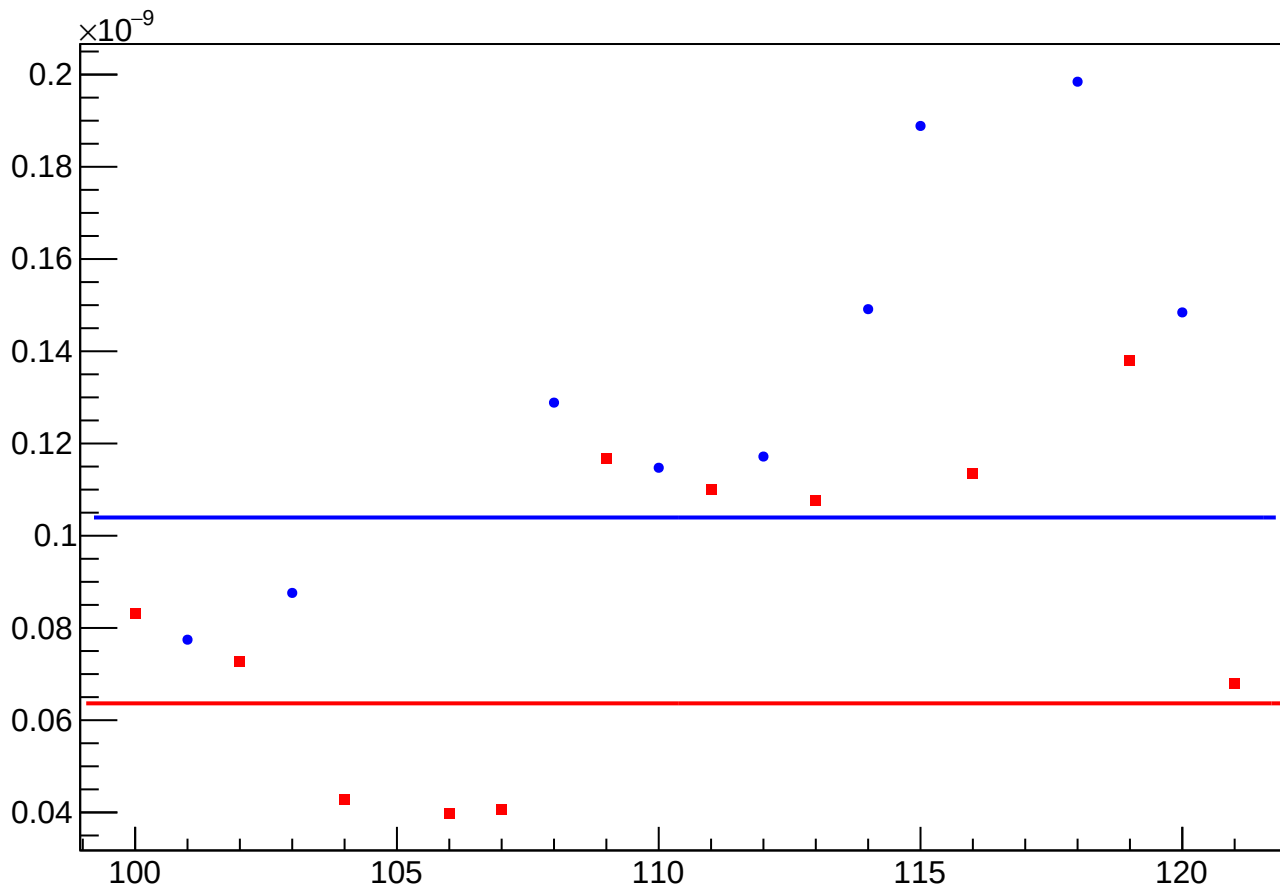
Right: 0.000+/-0.000 χ^2/NDF : 20.4/19

In: 0.000+/-0.000 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/19

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 : 441662.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 981434.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

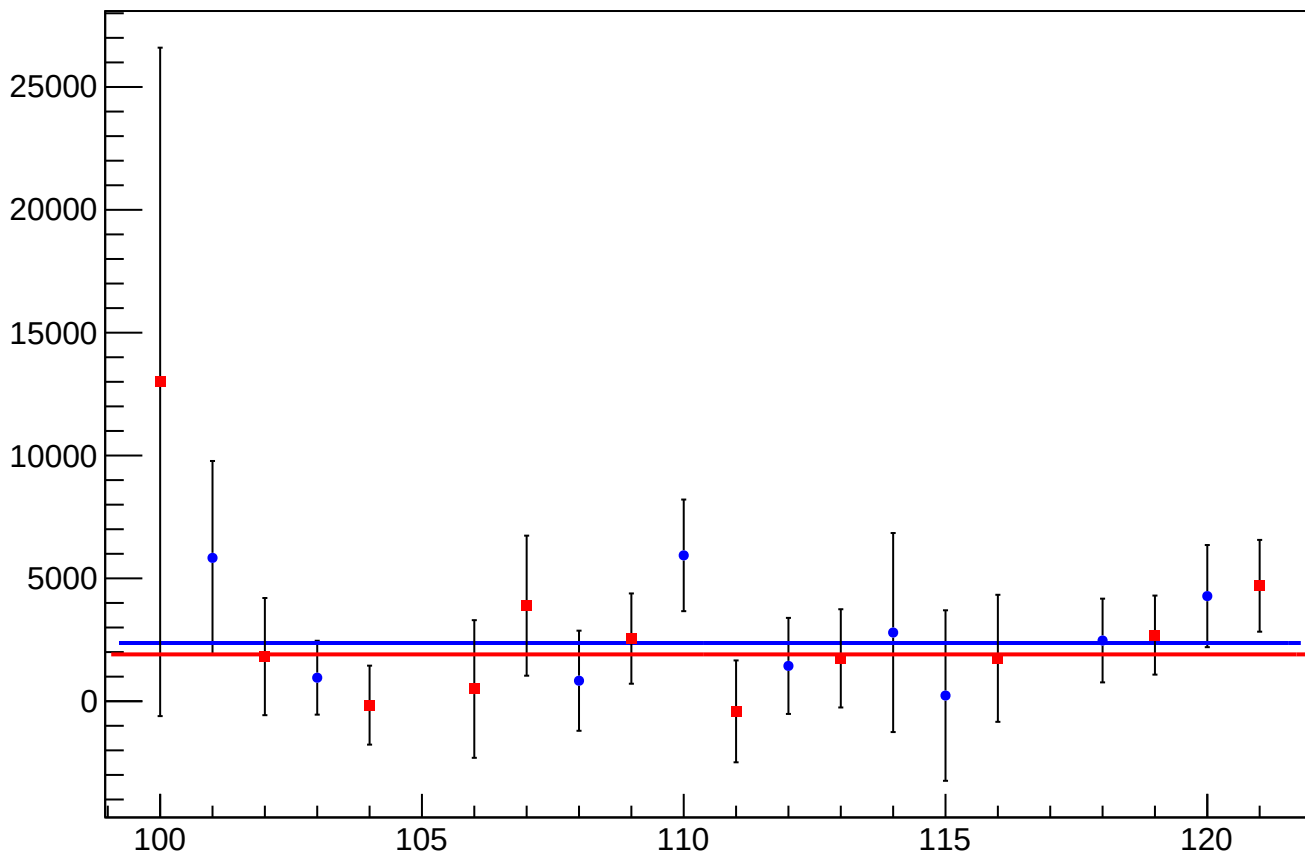
Right: 0.000+/-0.000 χ^2/NDF : 1919899.8/19

In: 0.000+/-0.000 χ^2/NDF : 441662.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1919899.8/19

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2369.742+/-721.158 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.905+/-642.755 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

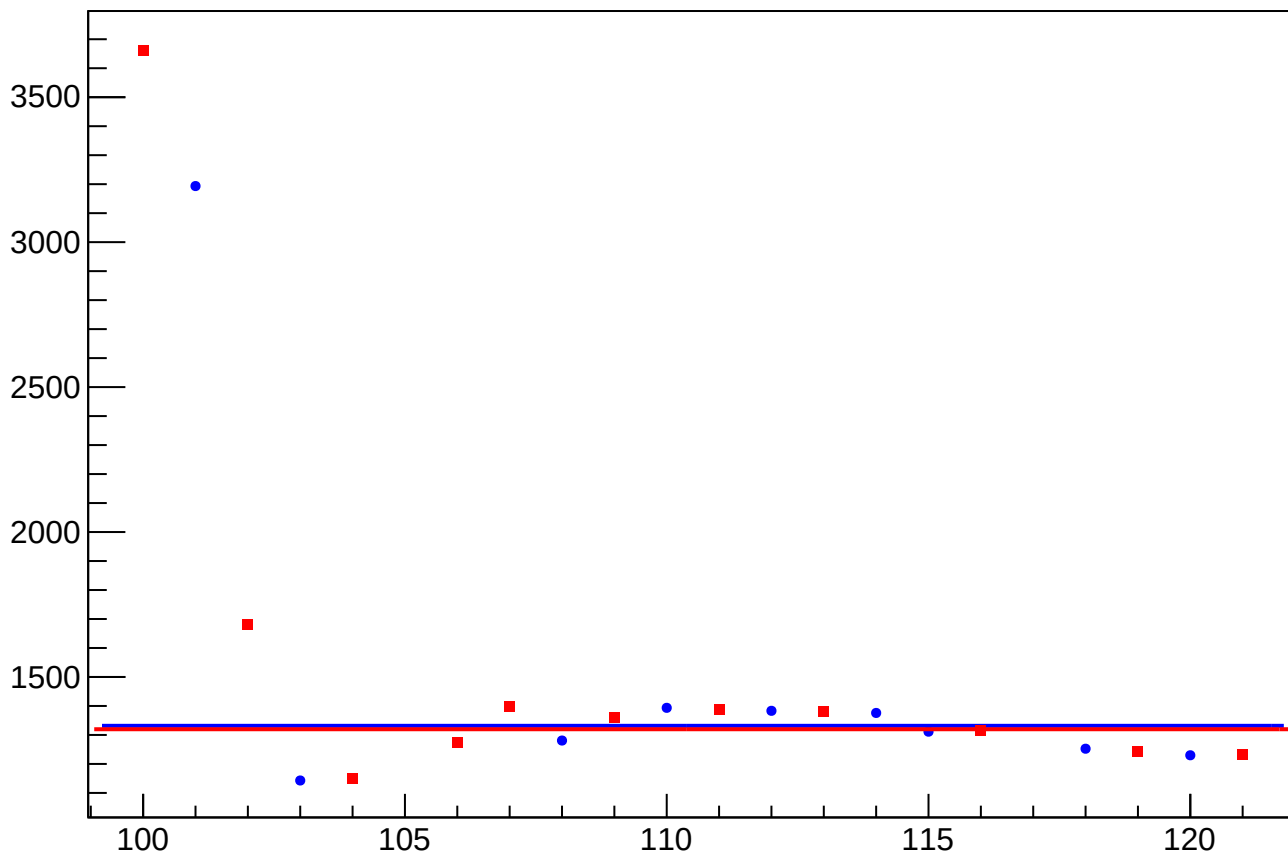
Right: 2111.248+/-479.831 χ^2/NDF : 13.3/19

In: 2369.742+/-721.158 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.248+/-479.831 χ^2/NDF : 13.3/19

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1331.499+/-0.510 χ^2/NDF : 490911.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.720+/-0.452 χ^2/NDF : 143108.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

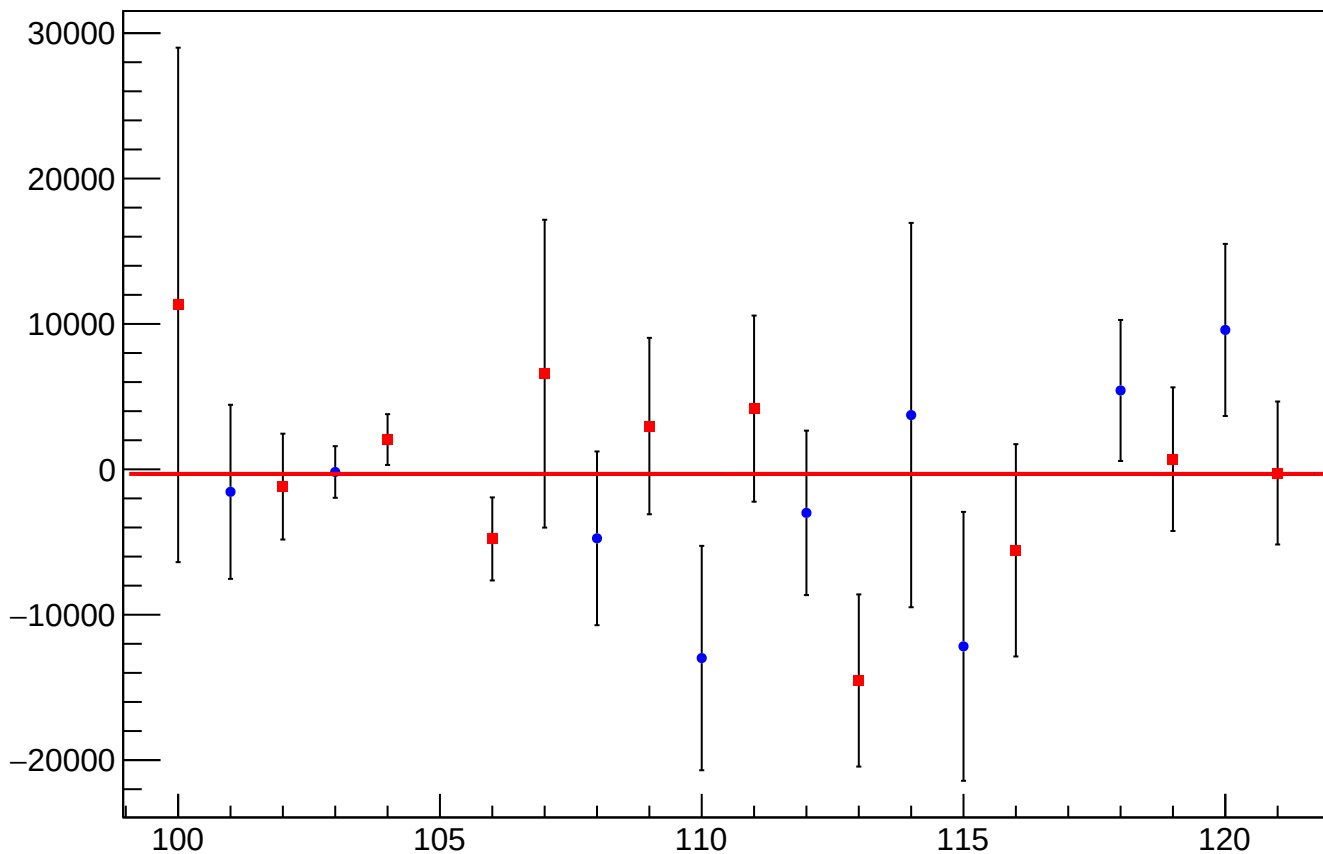
Right: 1324.908+/-0.338 χ^2/NDF : 634318.7/19

In: 1331.499+/-0.510 χ^2/NDF : 490911.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.908+/-0.338 χ^2/NDF : 634318.7/19

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -318.792+/-1400.680 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -316.540+/-1179.008 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

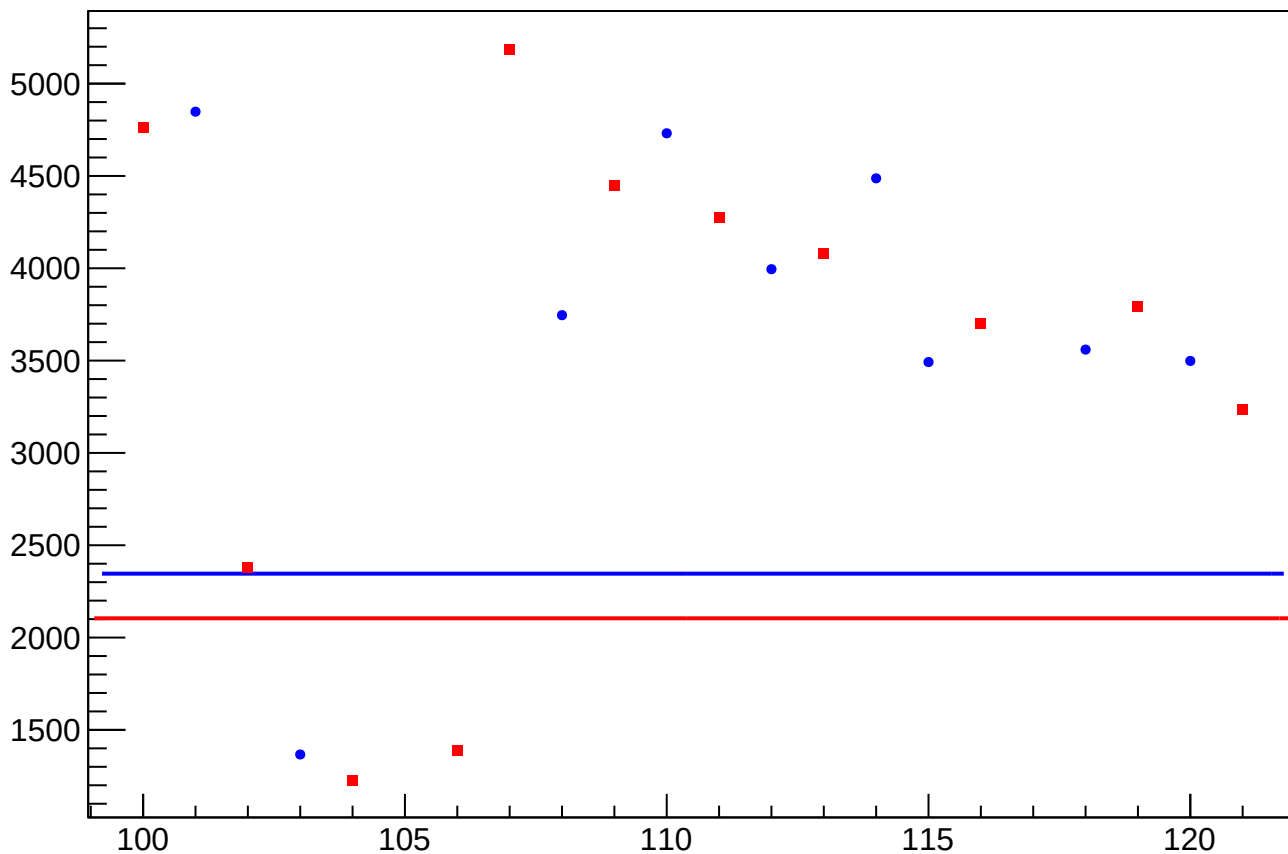
Right: -317.474+/-901.999 χ^2/NDF : 21.8/19

In: -318.792+/-1400.680 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.474+/-901.999 χ^2/NDF : 21.8/19

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2346.127+/-0.990 χ^2/NDF : 1712947.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2104.339+/-0.834 χ^2/NDF : 2046198.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

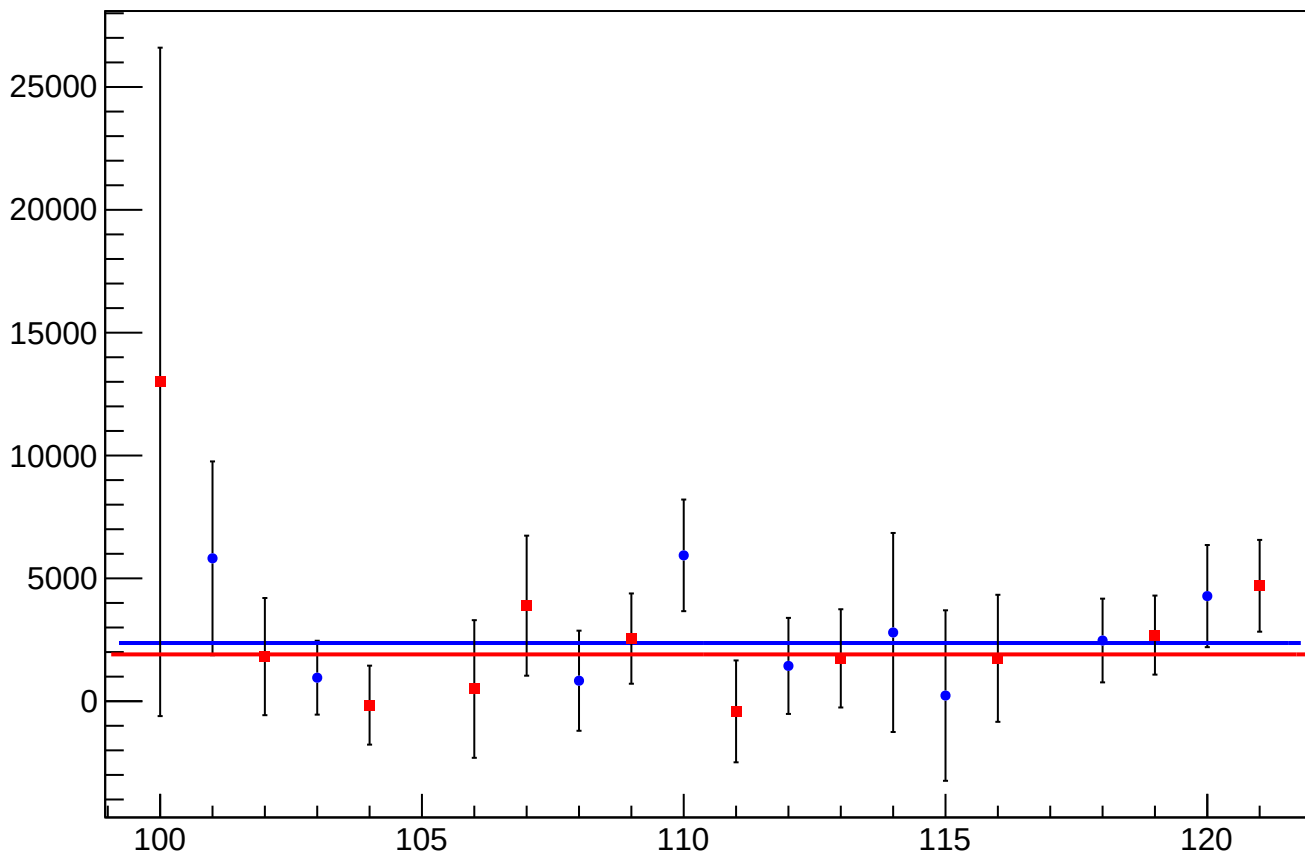
Right: 2204.608+/-0.638 χ^2/NDF : 3794028.1/19

In: 2346.127+/-0.990 χ^2/NDF : 1712947.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.608+/-0.638 χ^2/NDF : 3794028.1/19

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.592+/-642.755 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

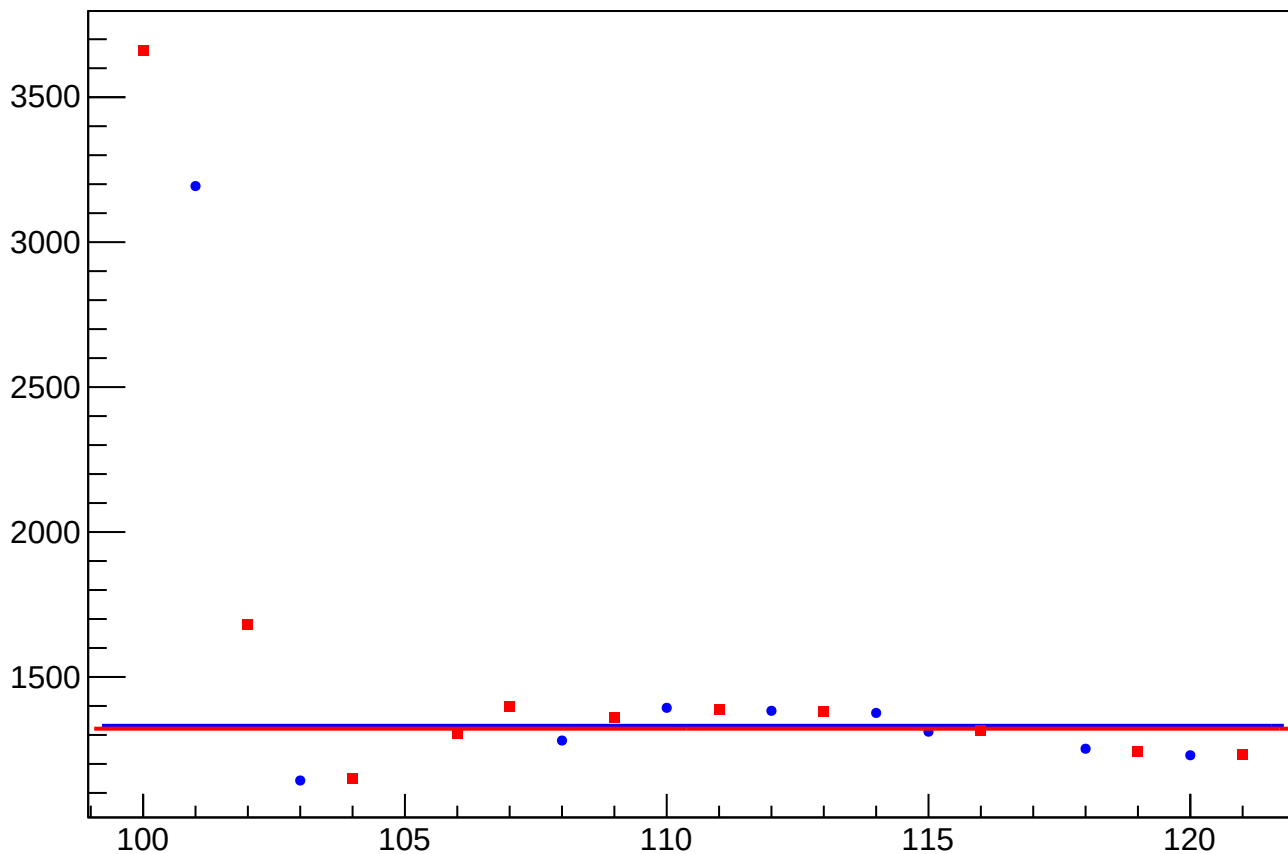
Right: 2110.875+/-479.831 χ^2/NDF : 13.3/19

In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.875+/-479.831 χ^2/NDF : 13.3/19

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.631+/-0.453 χ^2/NDF : 142538.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

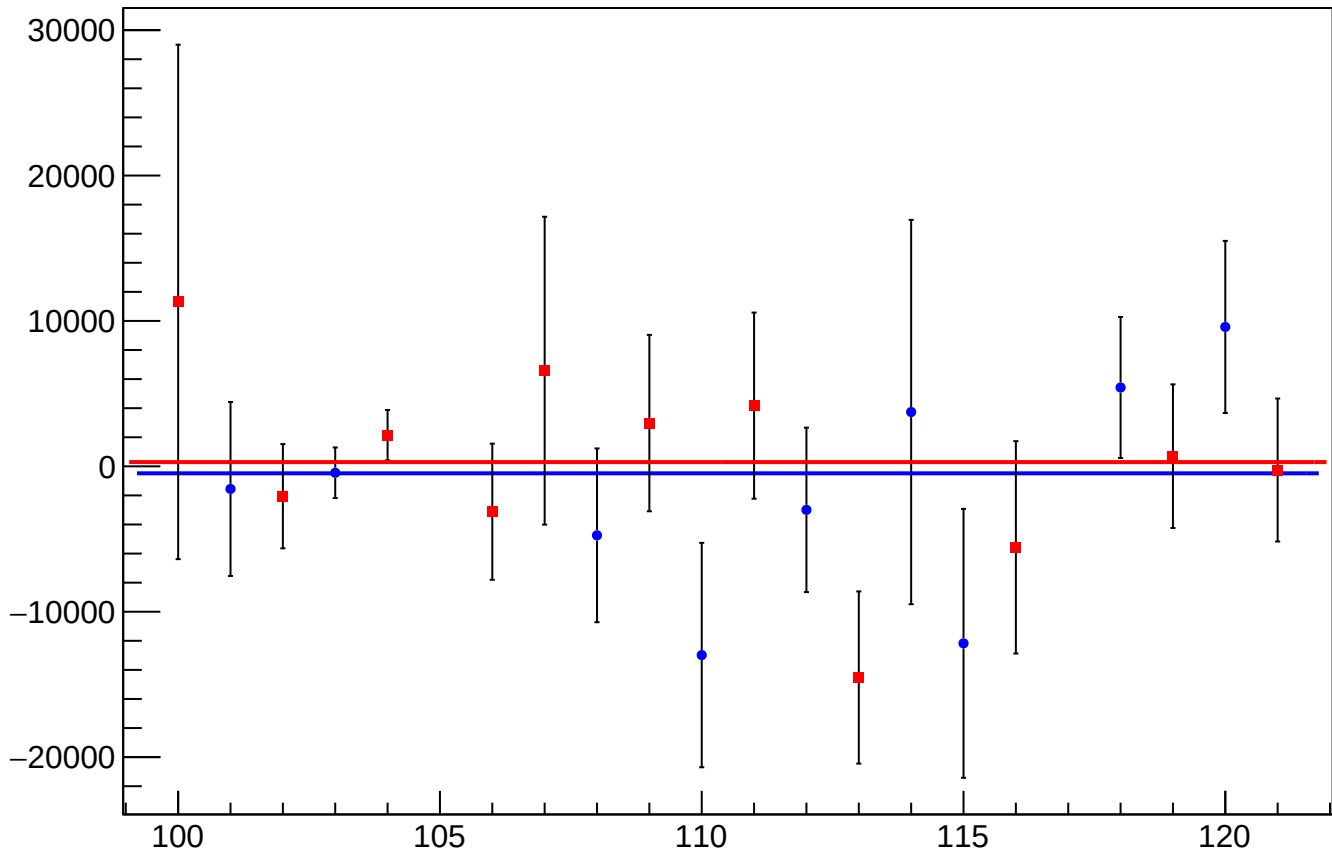
Right: 1325.983+/-0.339 χ^2/NDF : 633661.0/19

In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.983+/-0.339 χ^2/NDF : 633661.0/19

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.988+/-1239.444 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

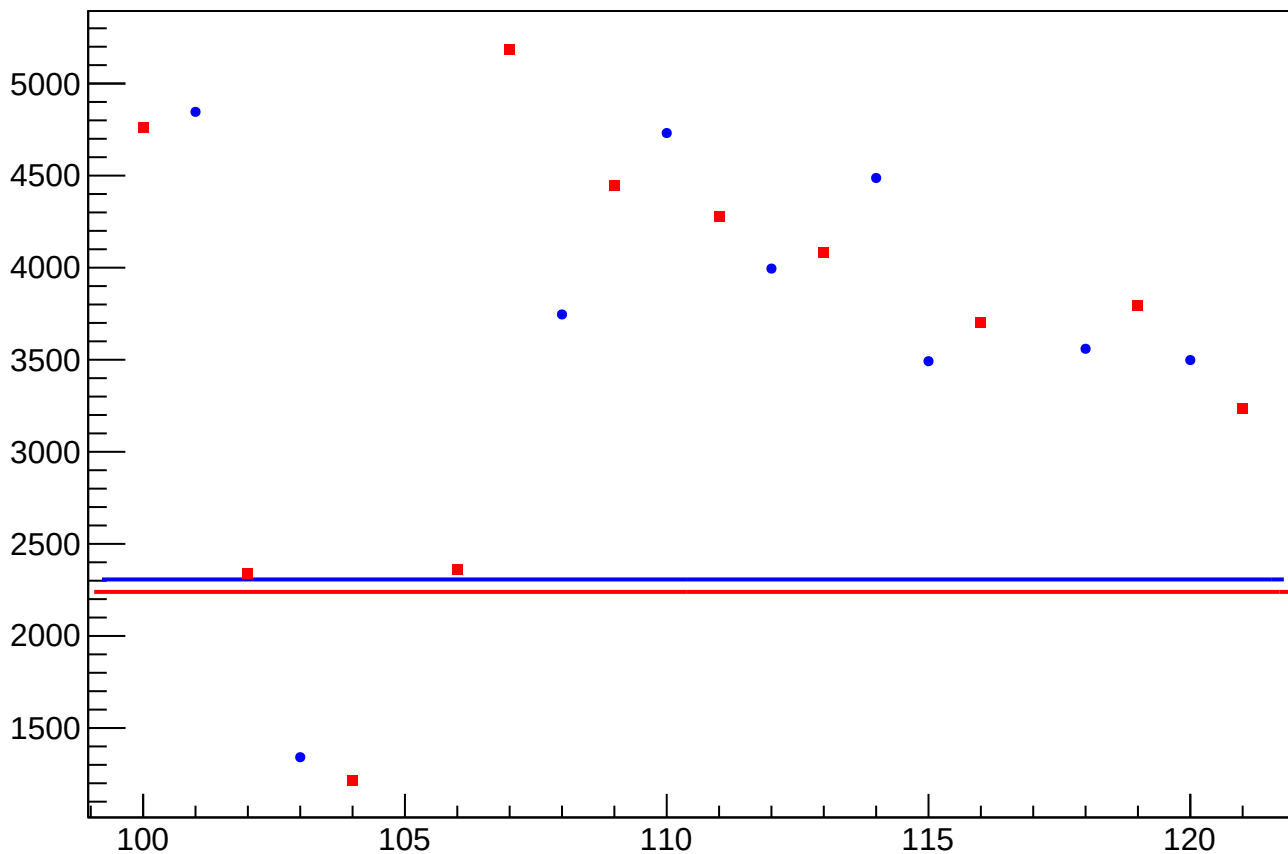
Right: -51.283+/-923.275 χ^2/NDF : 19.9/19

In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.283+/-923.275 χ^2/NDF : 19.9/19

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.343+/-0.876 χ^2/NDF : 1922551.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

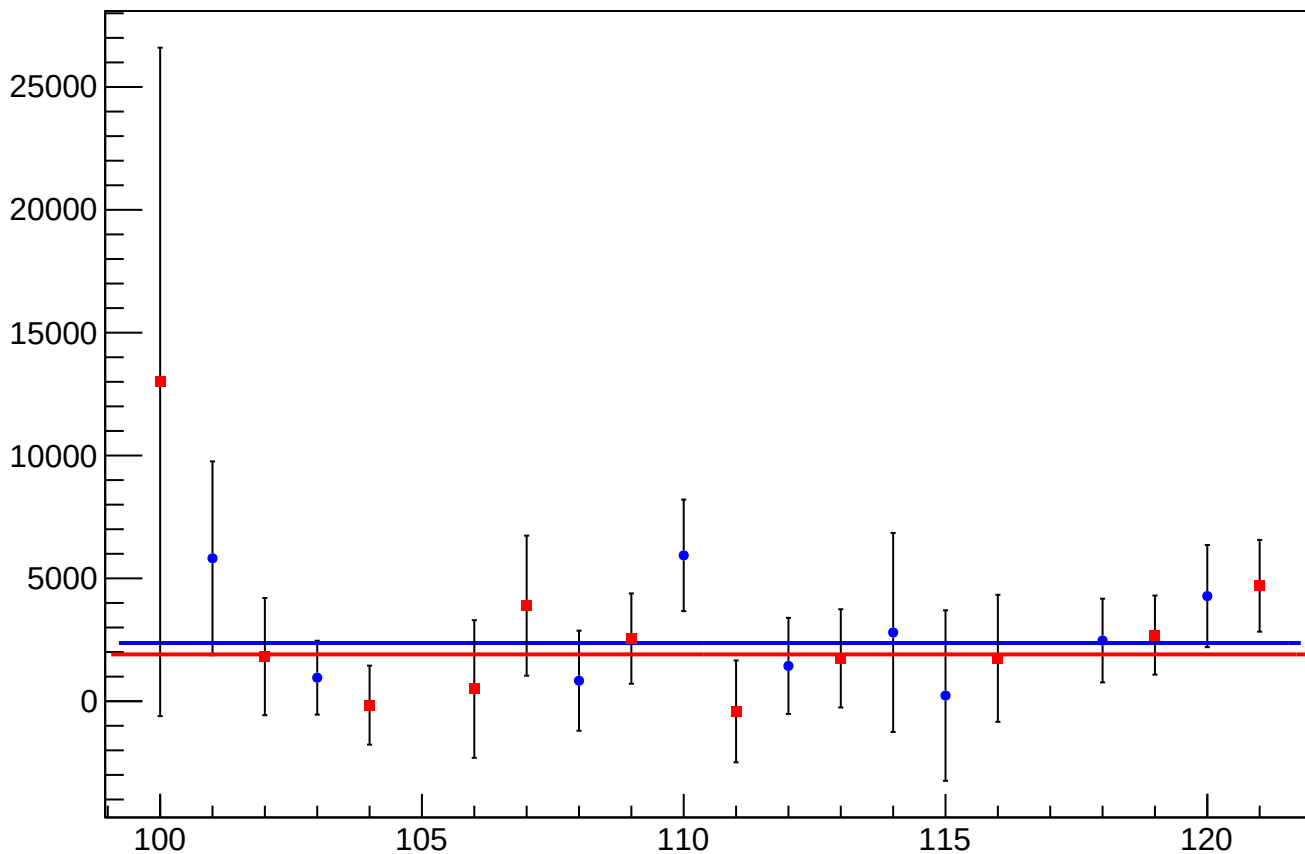
Right: 2269.394+/-0.653 χ^2/NDF : 3693179.0/19

In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2269.394+/-0.653 χ^2/NDF : 3693179.0/19

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.592+/-642.755 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

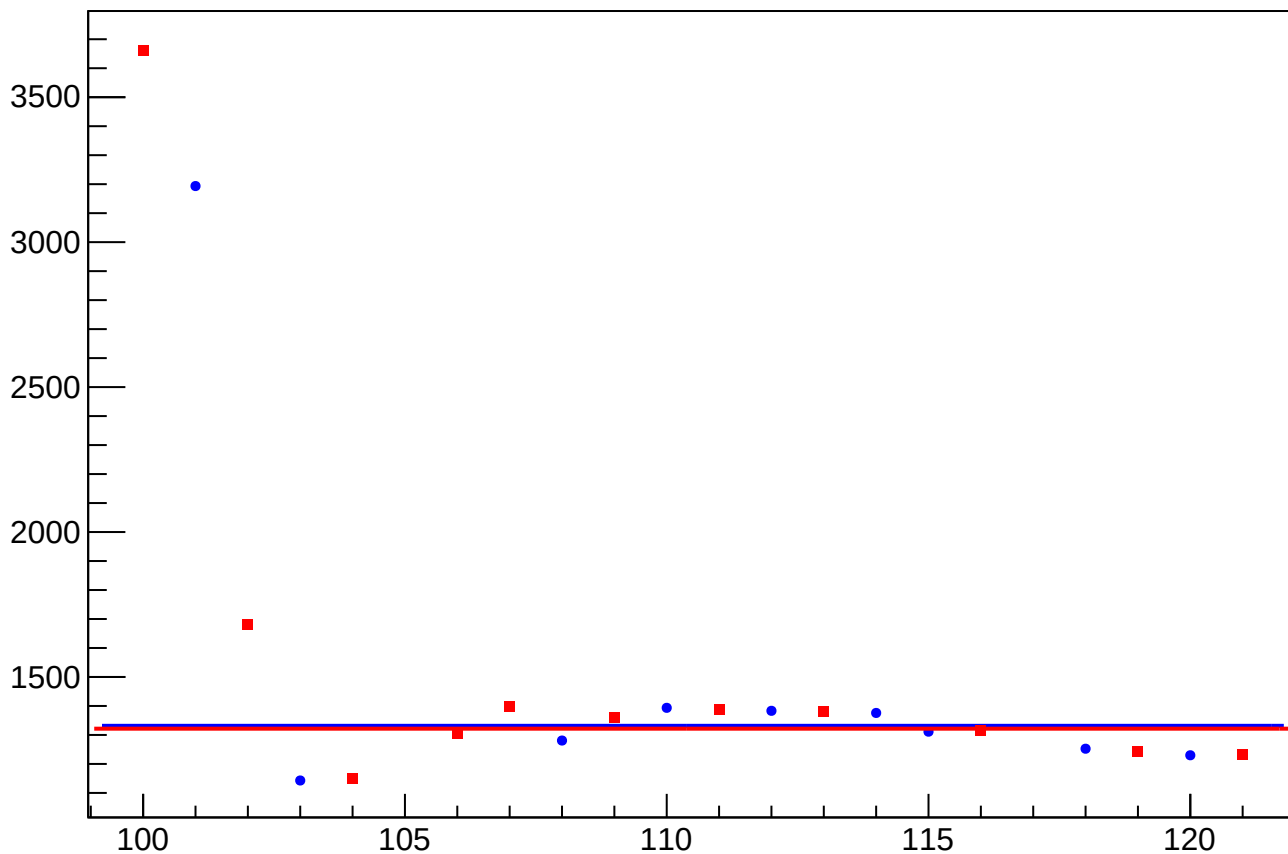
Right: 2110.875+/-479.831 χ^2/NDF : 13.3/19

In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.875+/-479.831 χ^2/NDF : 13.3/19

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.631+/-0.453 χ^2/NDF : 142538.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

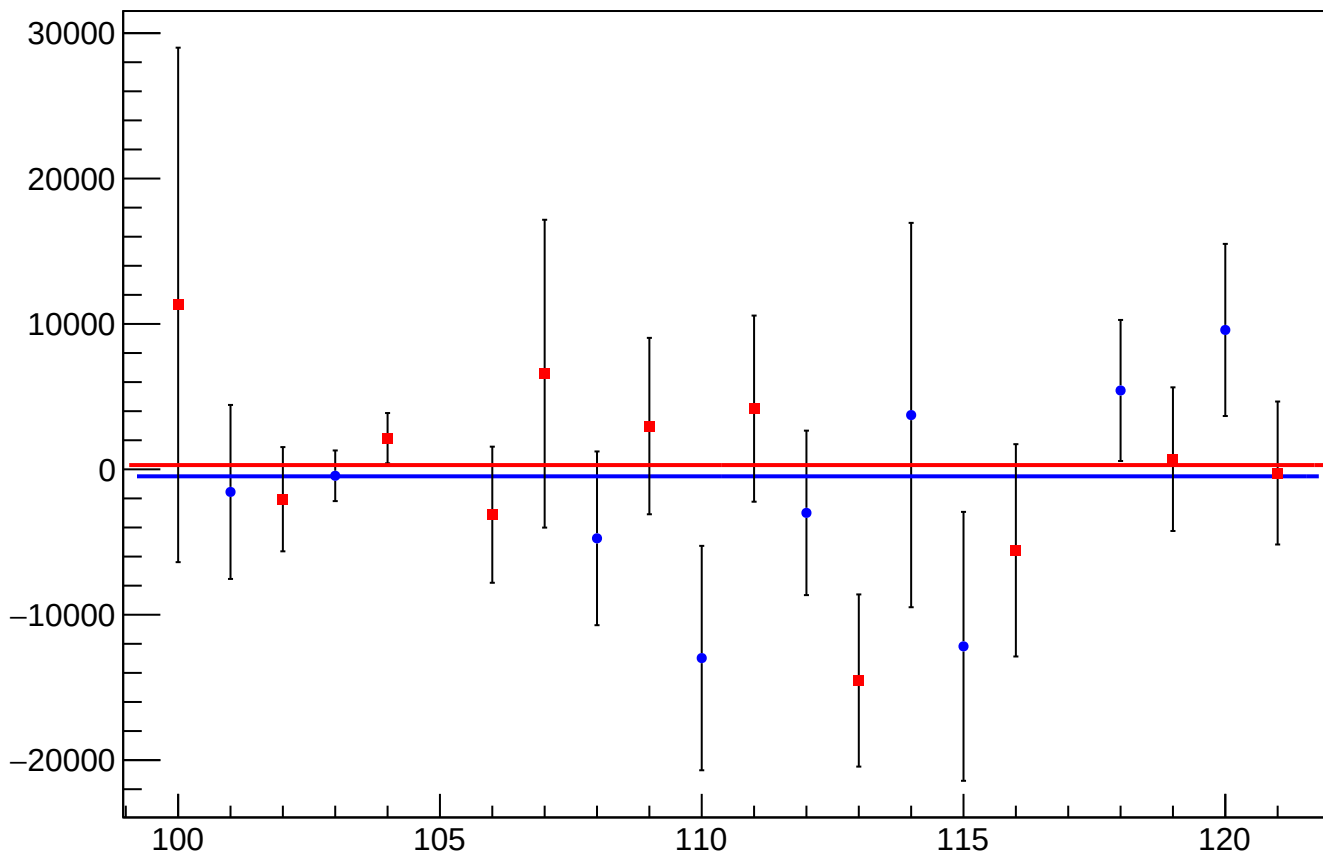
Right: 1325.983+/-0.339 χ^2/NDF : 633661.0/19

In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.983+/-0.339 χ^2/NDF : 633661.0/19

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.988+/-1239.444 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

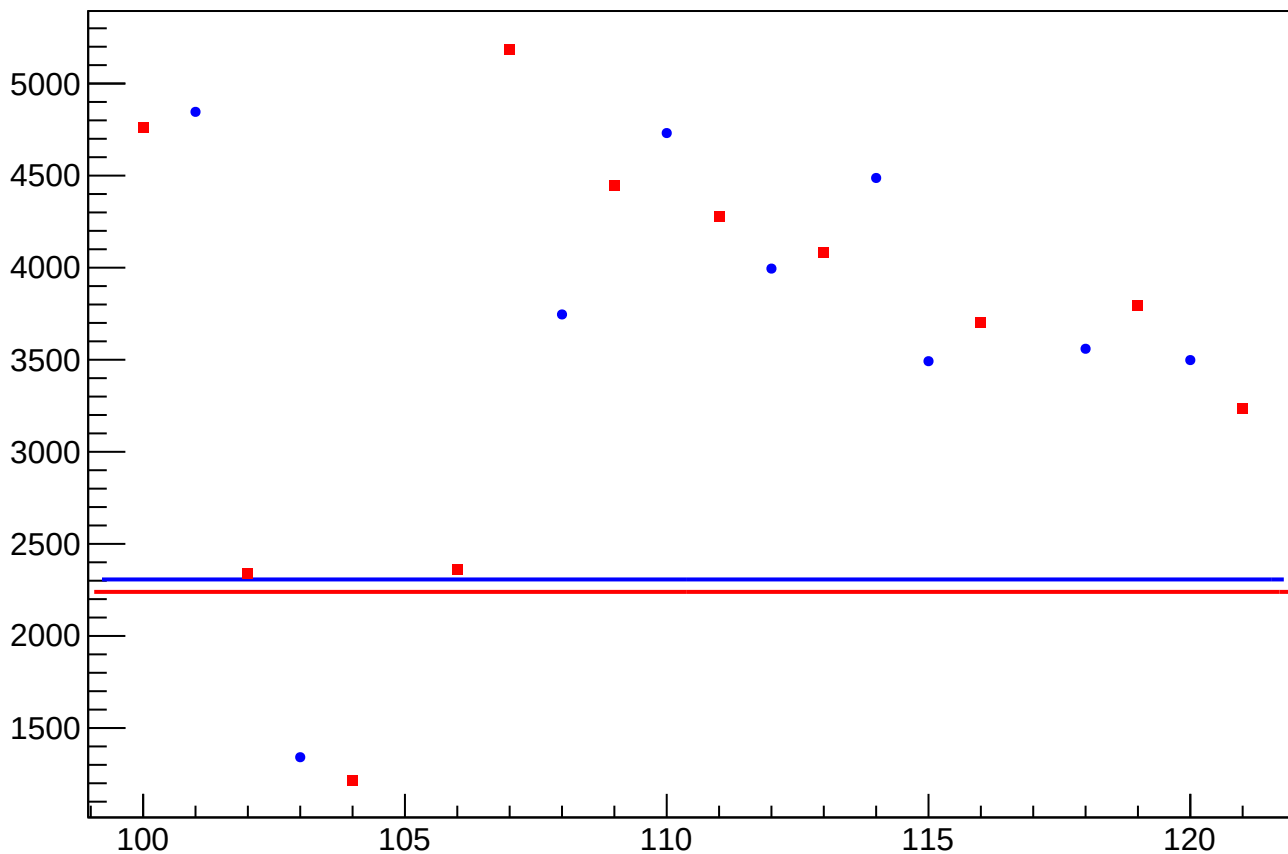
Right: -51.283+/-923.275 χ^2/NDF : 19.9/19

In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.283+/-923.275 χ^2/NDF : 19.9/19

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.343+/-0.876 χ^2/NDF : 1922551.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

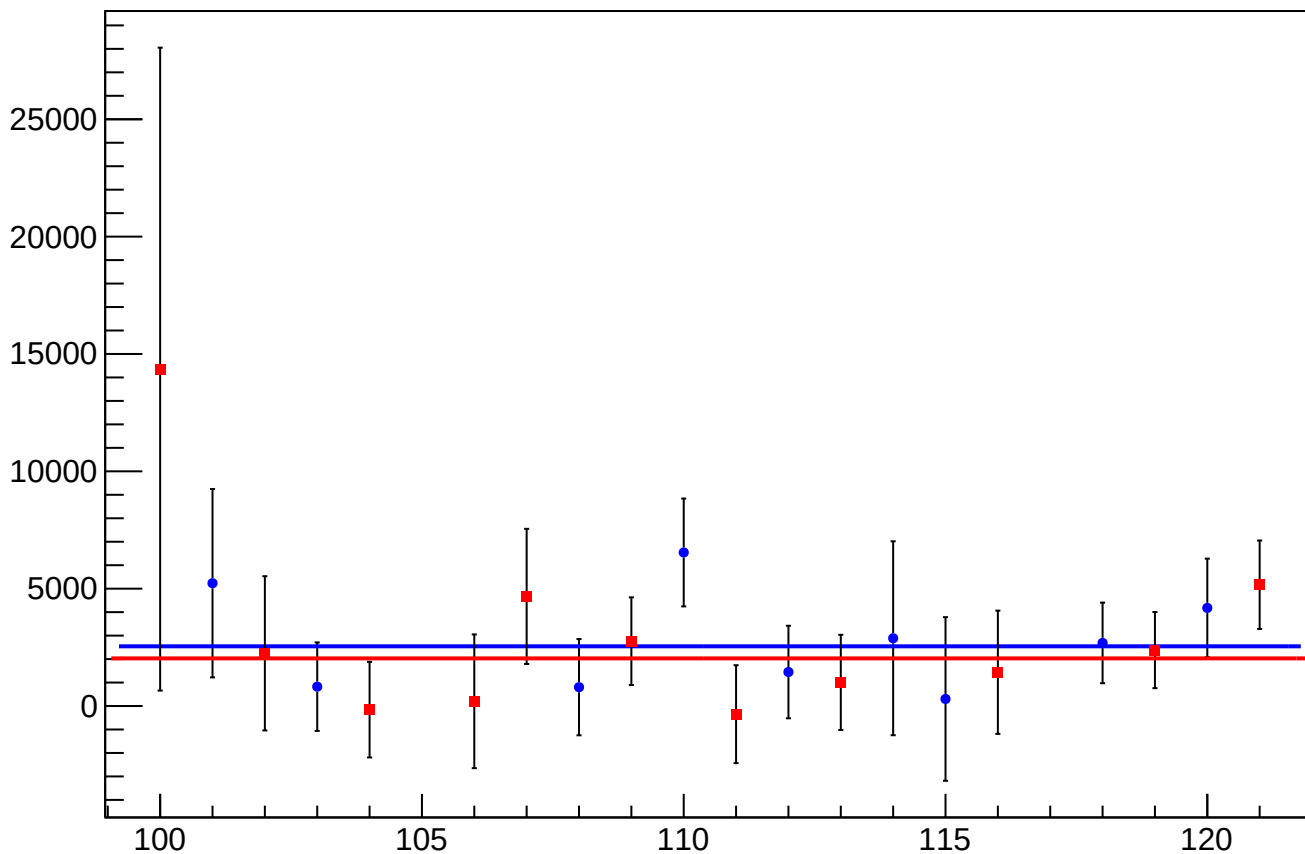
Right: 2269.394+/-0.653 χ^2/NDF : 3693179.0/19

In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2269.394+/-0.653 χ^2/NDF : 3693179.0/19

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2544.219+/-759.135 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.931+/-682.148 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

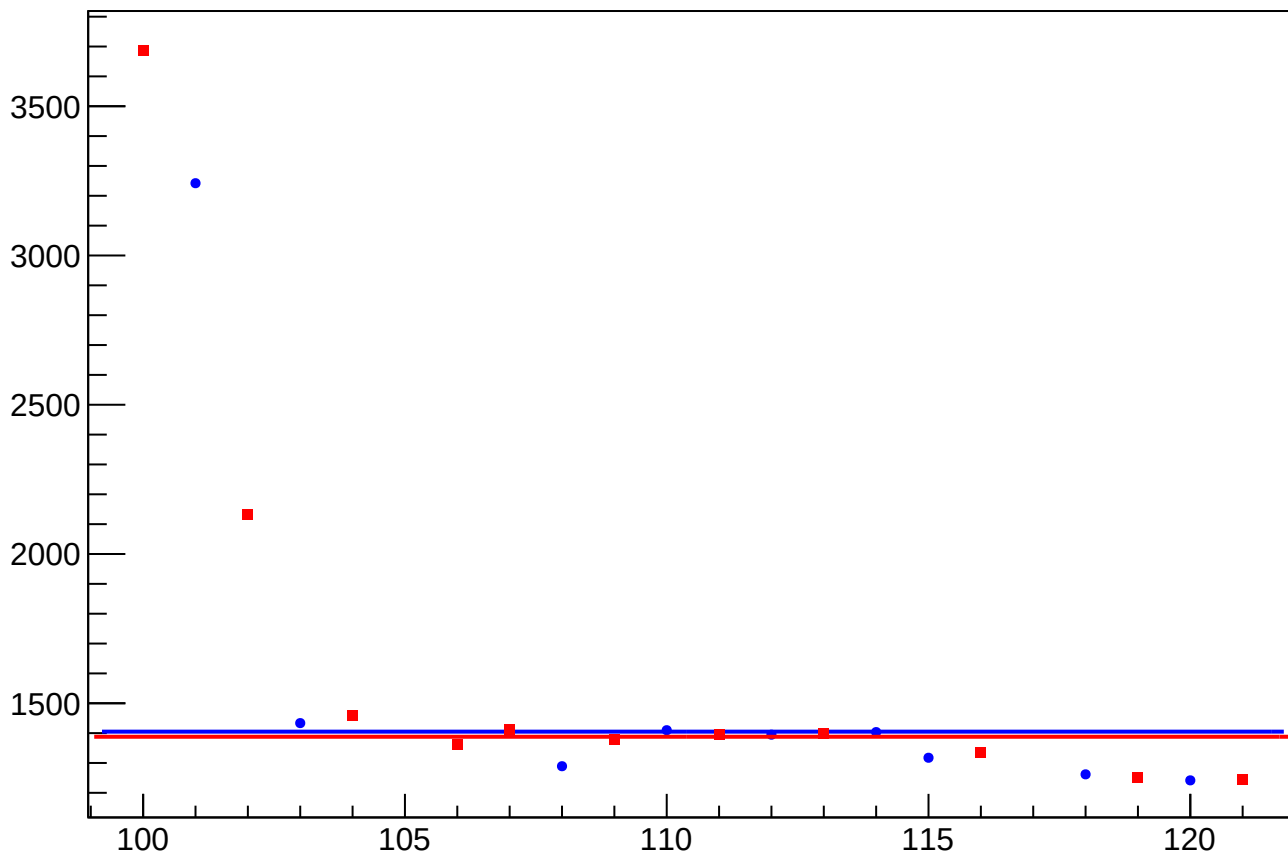
Right: 2259.682+/-507.393 χ^2/NDF : 14.4/19

In: 2544.219+/-759.135 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.682+/-507.393 χ^2/NDF : 14.4/19

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1387.824+/-0.482 χ^2/NDF : 187948.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

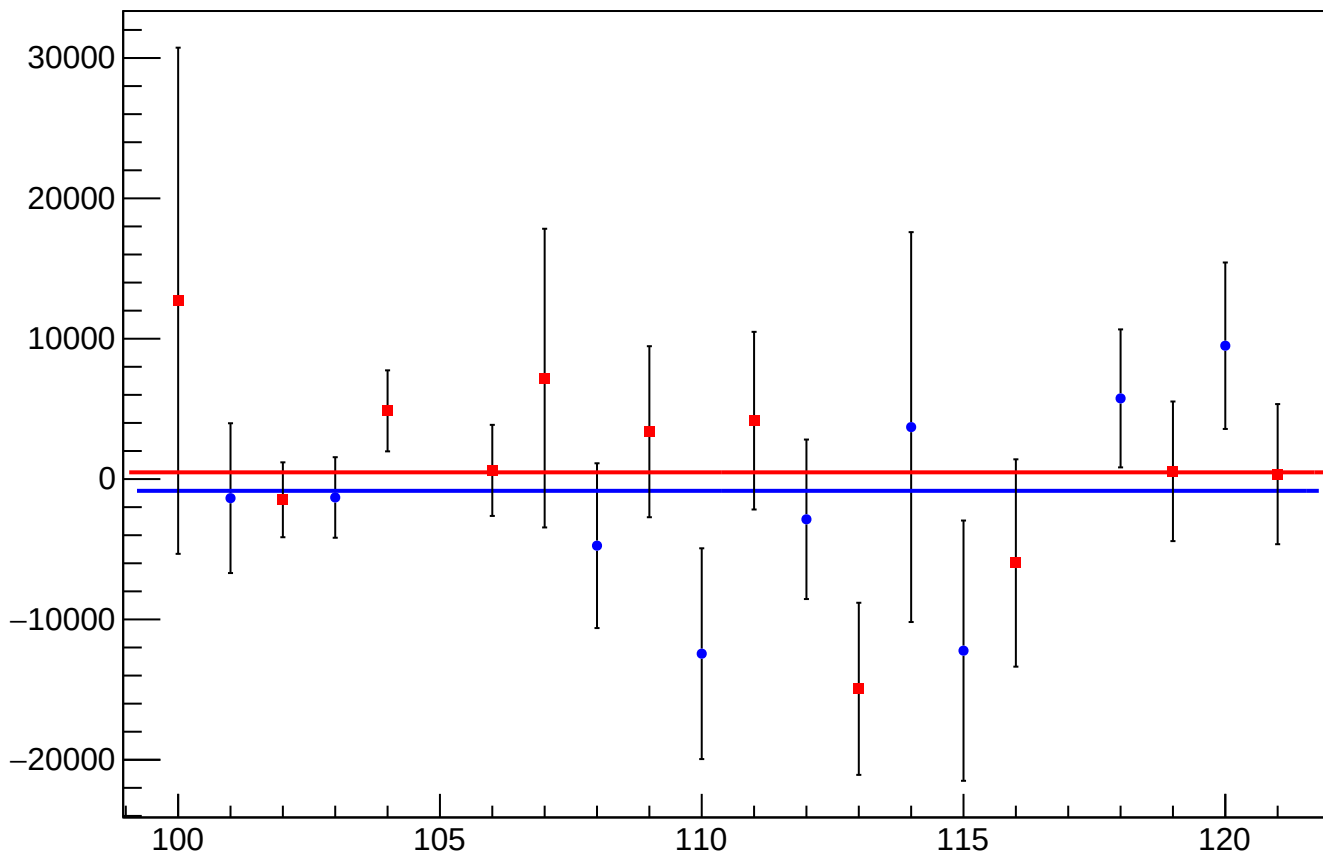
Right: 1395.455+/-0.359 χ^2/NDF : 641662.4/19

In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.455+/-0.359 χ^2/NDF : 641662.4/19

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -837.872+/-1765.211 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 480.306+/-1354.821 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

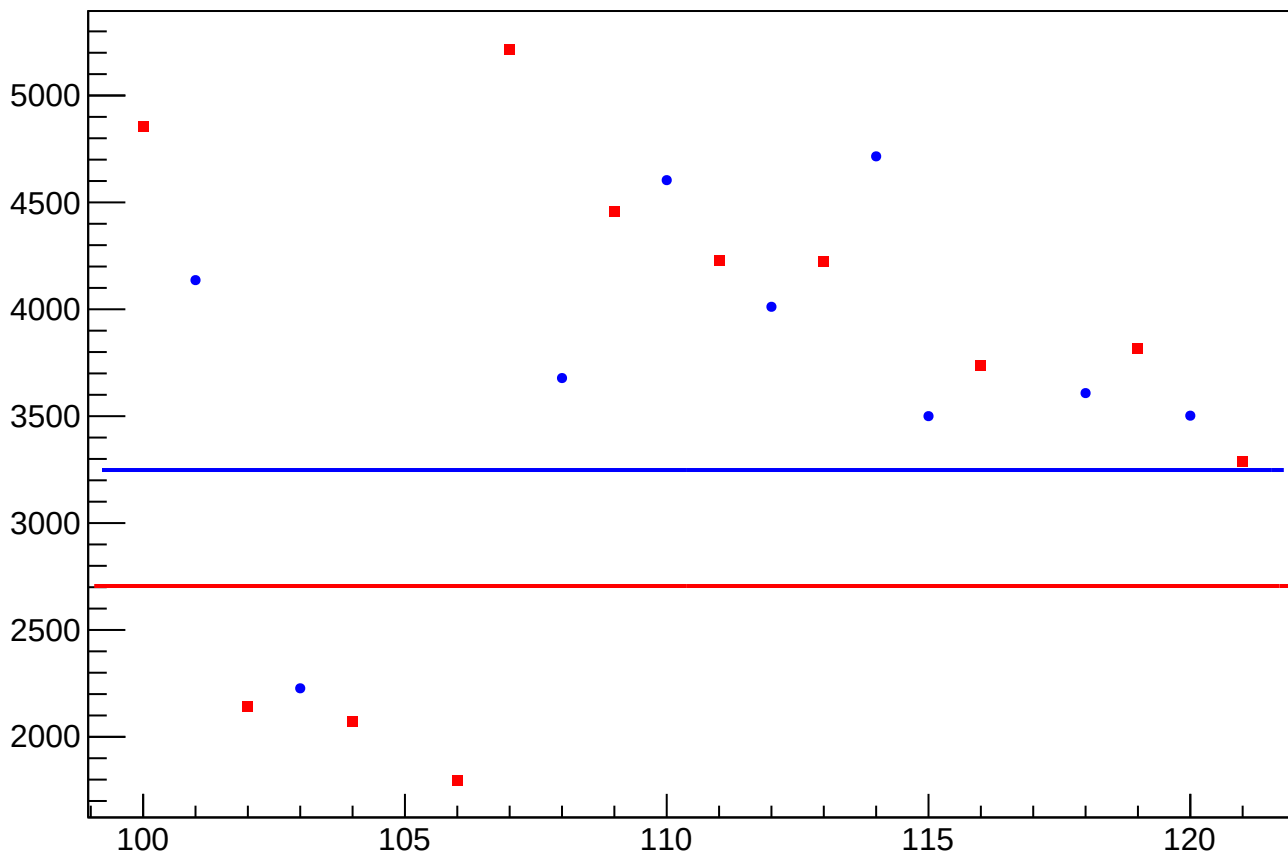
Right: -8.347+/-1074.756 χ^2/NDF : 21.2/19

In: -837.872+/-1765.211 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.347+/-1074.756 χ^2/NDF : 21.2/19

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3248.197+/-1.248 χ^2/NDF : 458927.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2705.624+/-0.958 χ^2/NDF : 1051175.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

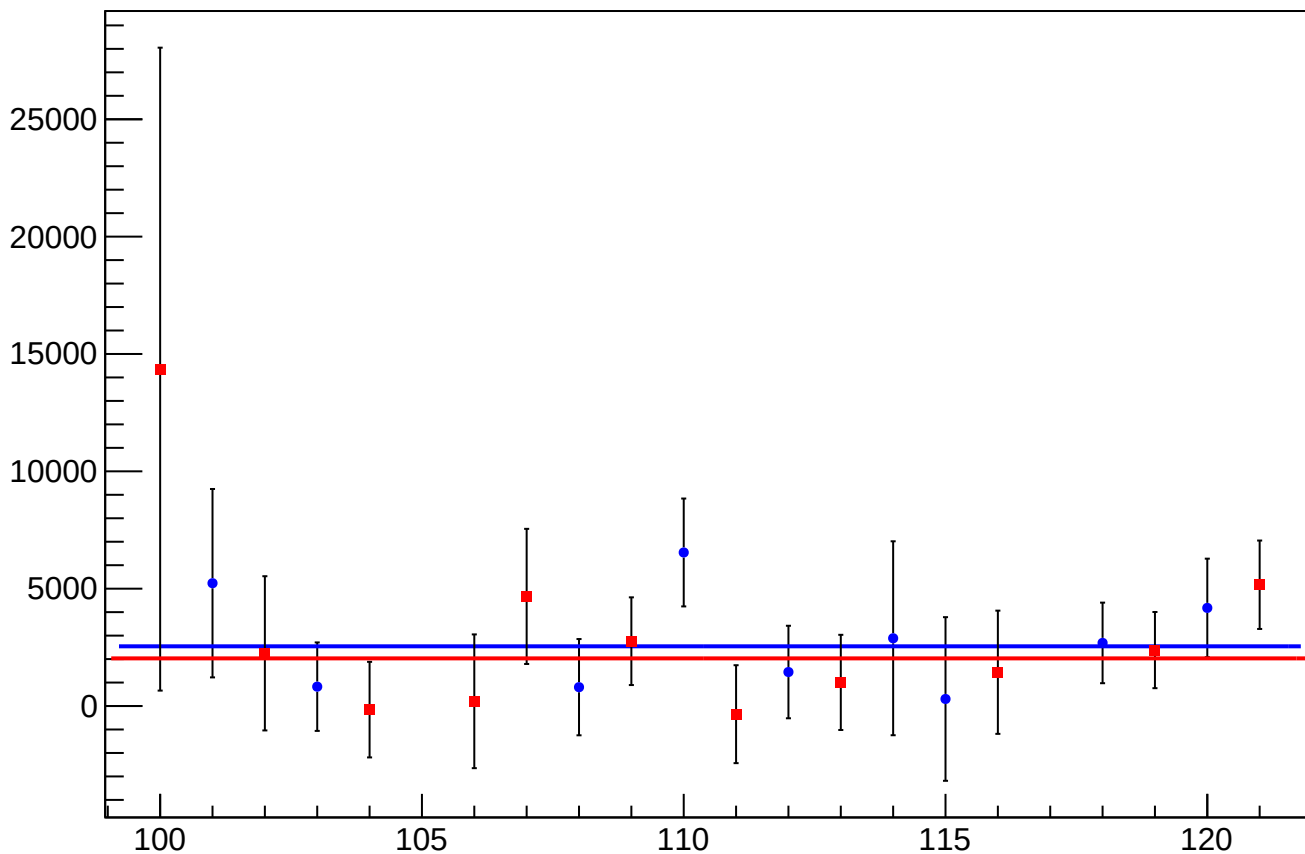
Right: 2906.758+/-0.760 χ^2/NDF : 1629010.1/19

In: 3248.197+/-1.248 χ^2/NDF : 458927.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2906.758+/-0.760 χ^2/NDF : 1629010.1/19

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2544.214+/-759.135 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.935+/-682.148 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

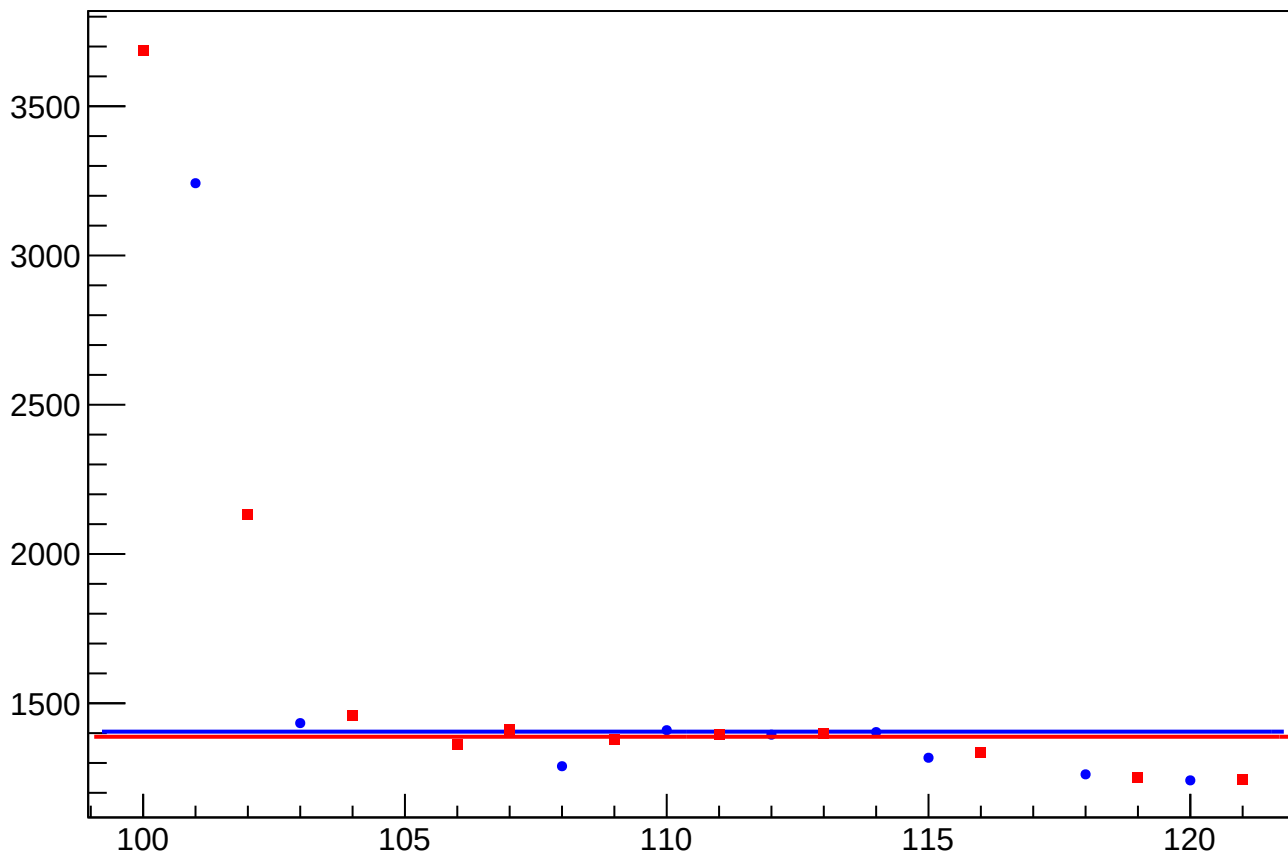
Right: 2259.682+/-507.393 χ^2/NDF : 14.4/19

In: 2544.214+/-759.135 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.682+/-507.393 χ^2/NDF : 14.4/19

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1387.824+/-0.482 χ^2/NDF : 187948.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

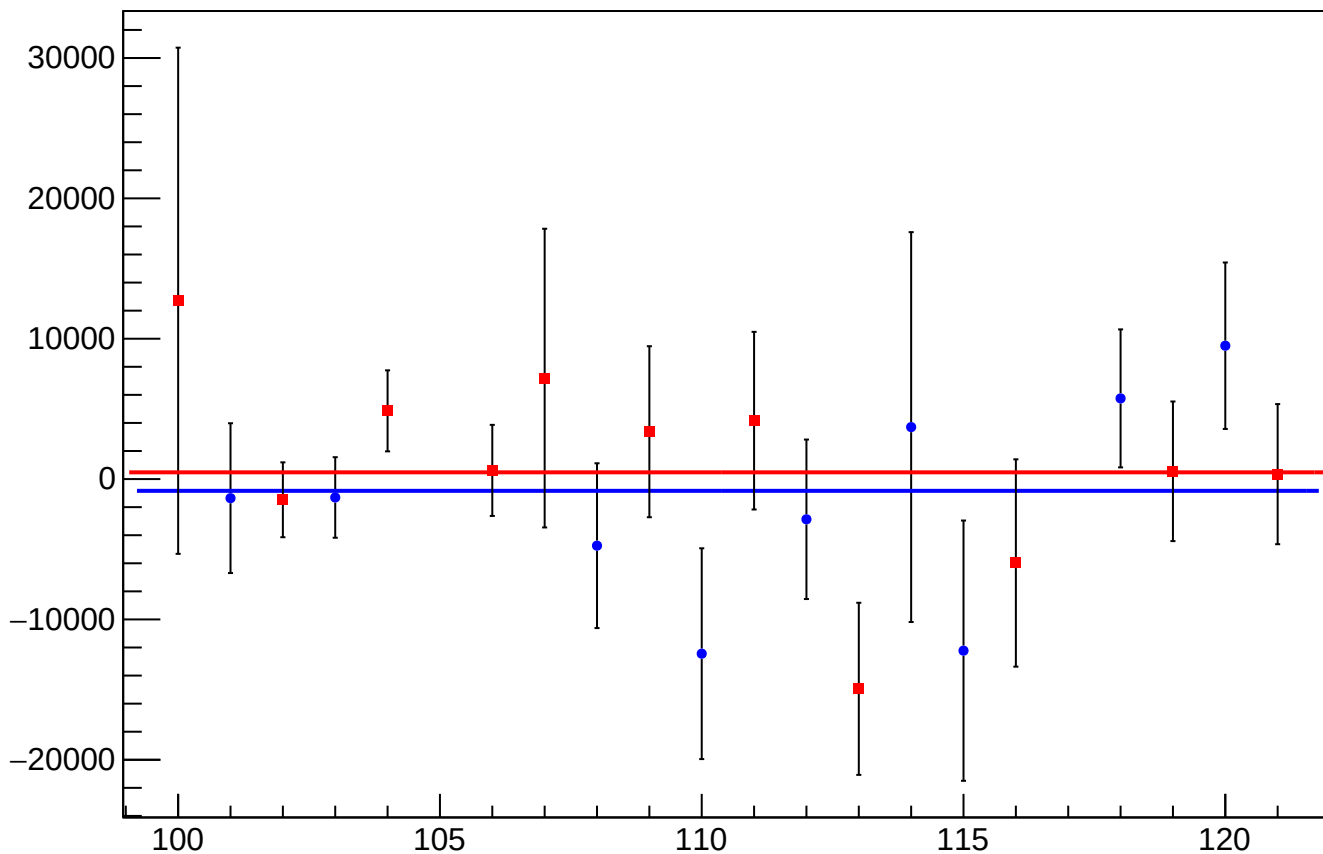
Right: 1395.454+/-0.359 χ^2/NDF : 641661.5/19

In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.454+/-0.359 χ^2/NDF : 641661.5/19

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -837.866+/-1765.206 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.306+/-1354.817 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

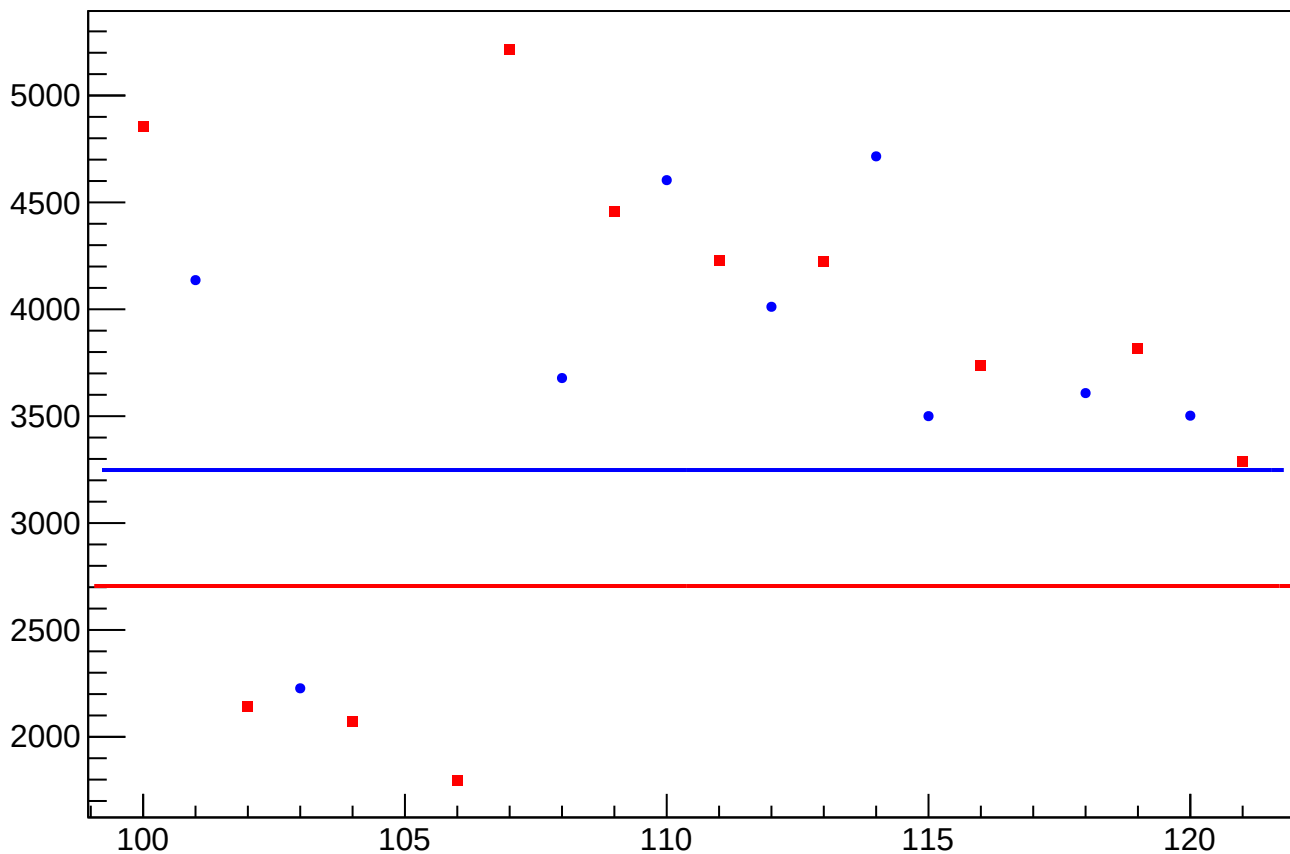
Right: -8.344+/-1074.753 χ^2/NDF : 21.2/19

In: -837.866+/-1765.206 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.344+/-1074.753 χ^2/NDF : 21.2/19

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3248.189+/-1.248 χ^2/NDF : 458926.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2705.617+/-0.958 χ^2/NDF : 1051175.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

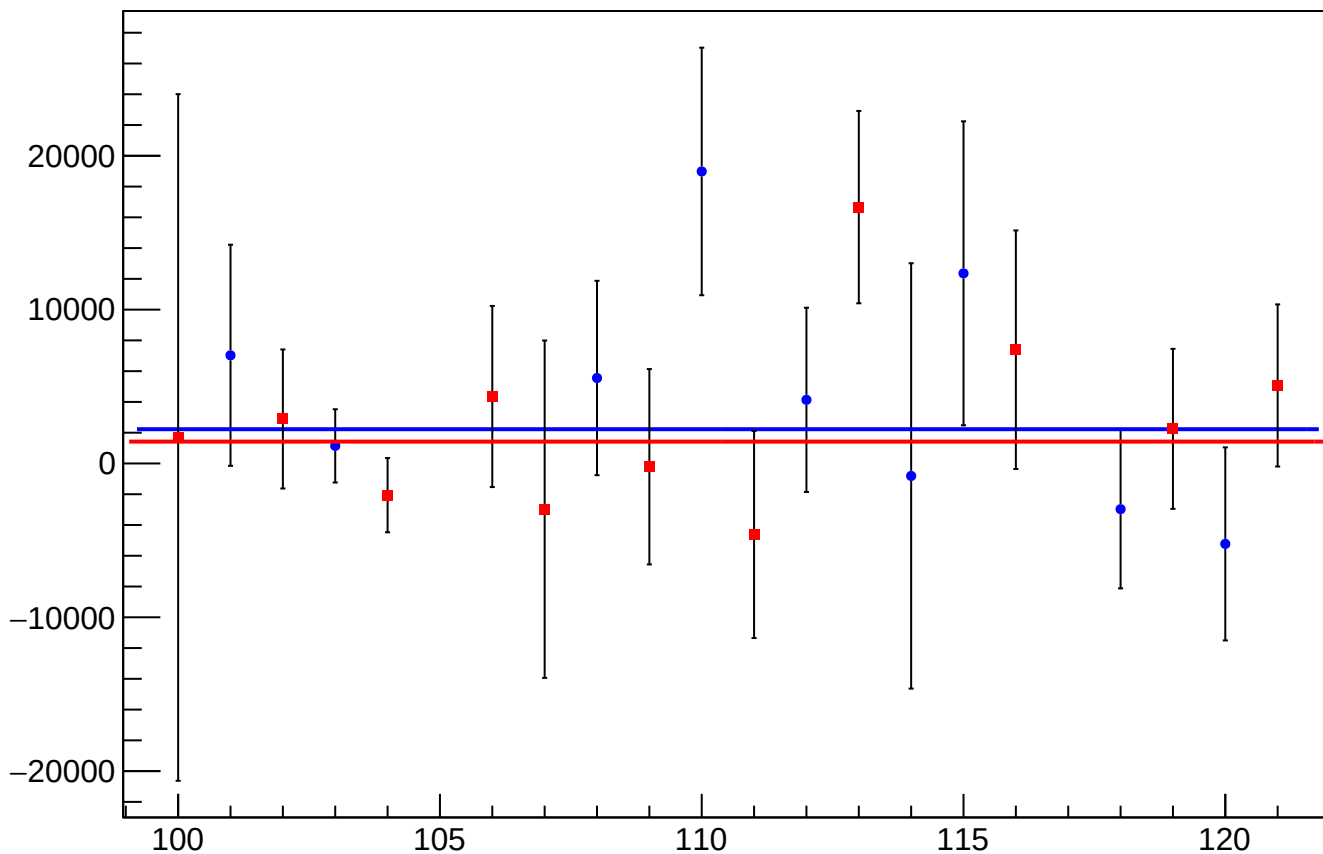
Right: 2906.750+/-0.760 χ^2/NDF : 1629010.1/19

In: 3248.189+/-1.248 χ^2/NDF : 458926.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2906.750+/-0.760 χ^2/NDF : 1629010.1/19

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2226.325+/-1708.286 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1420.691+/-1539.418 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

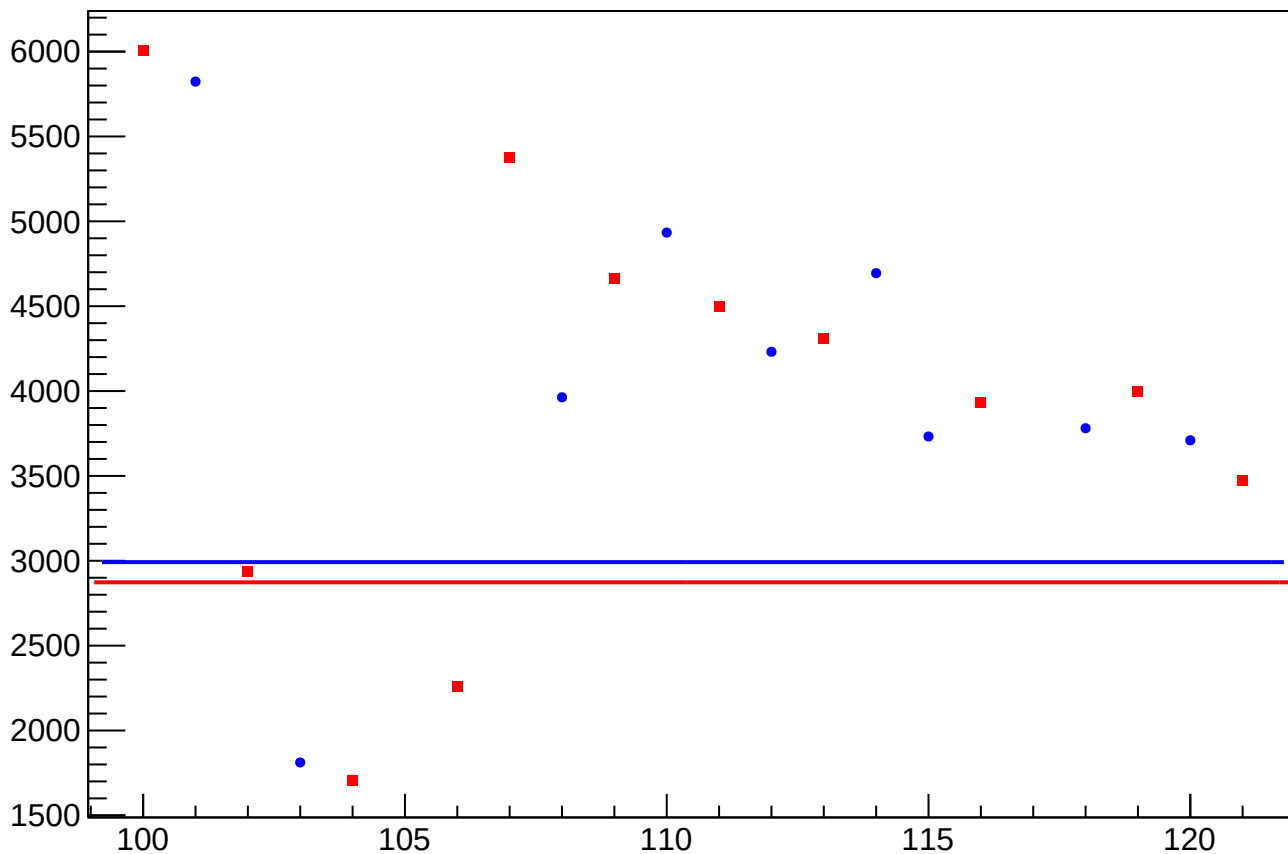
Right: 1781.731+/-1143.588 χ^2/NDF : 19.5/19

In: 2226.325+/-1708.286 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.731+/-1143.588 χ^2/NDF : 19.5/19

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2991.998+/-1.208 χ^2/NDF : 1165783.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2873.061+/-1.069 χ^2/NDF : 1183604.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

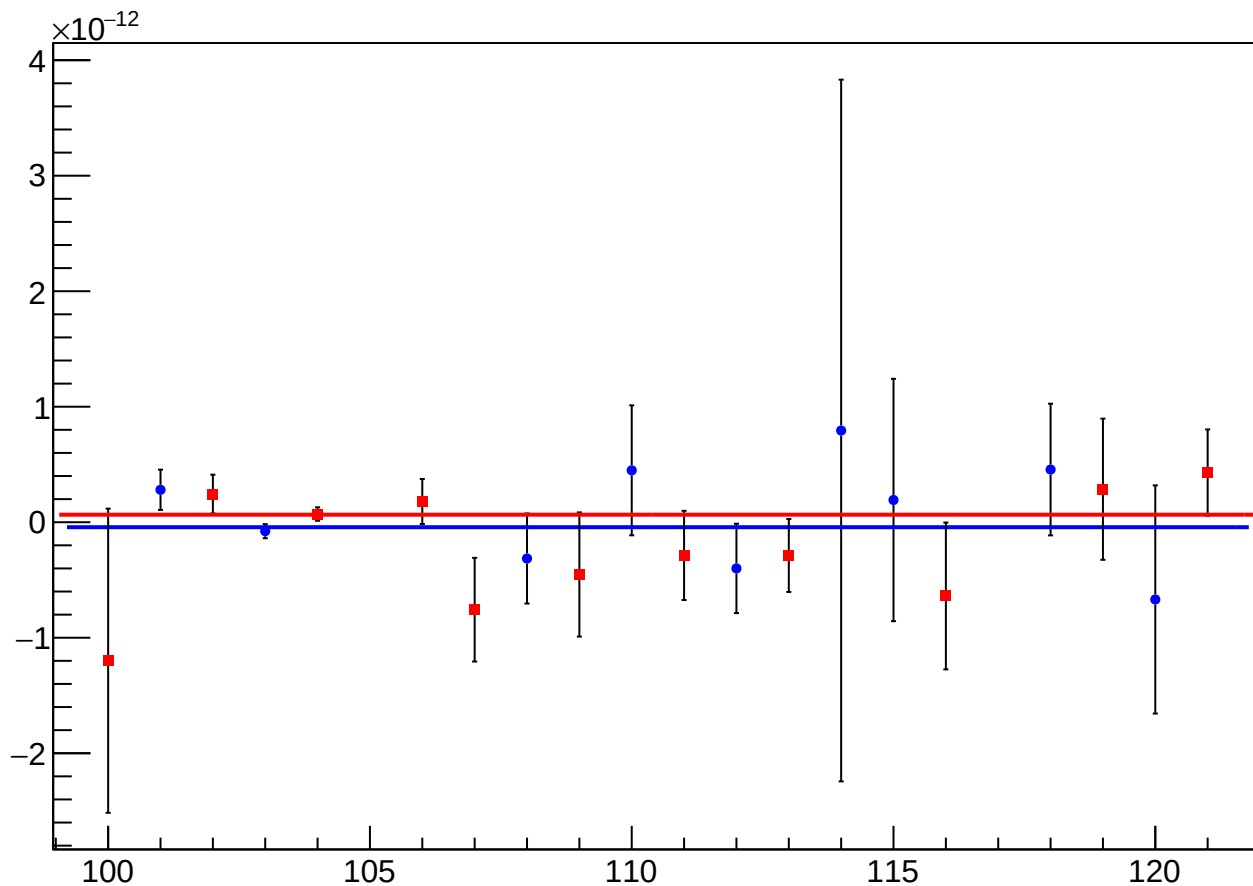
Right: 2925.297+/-0.801 χ^2/NDF : 2354825.4/19

In: 2991.998+/-1.208 χ^2/NDF : 1165783.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2925.297+/-0.801 χ^2/NDF : 2354825.4/19

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

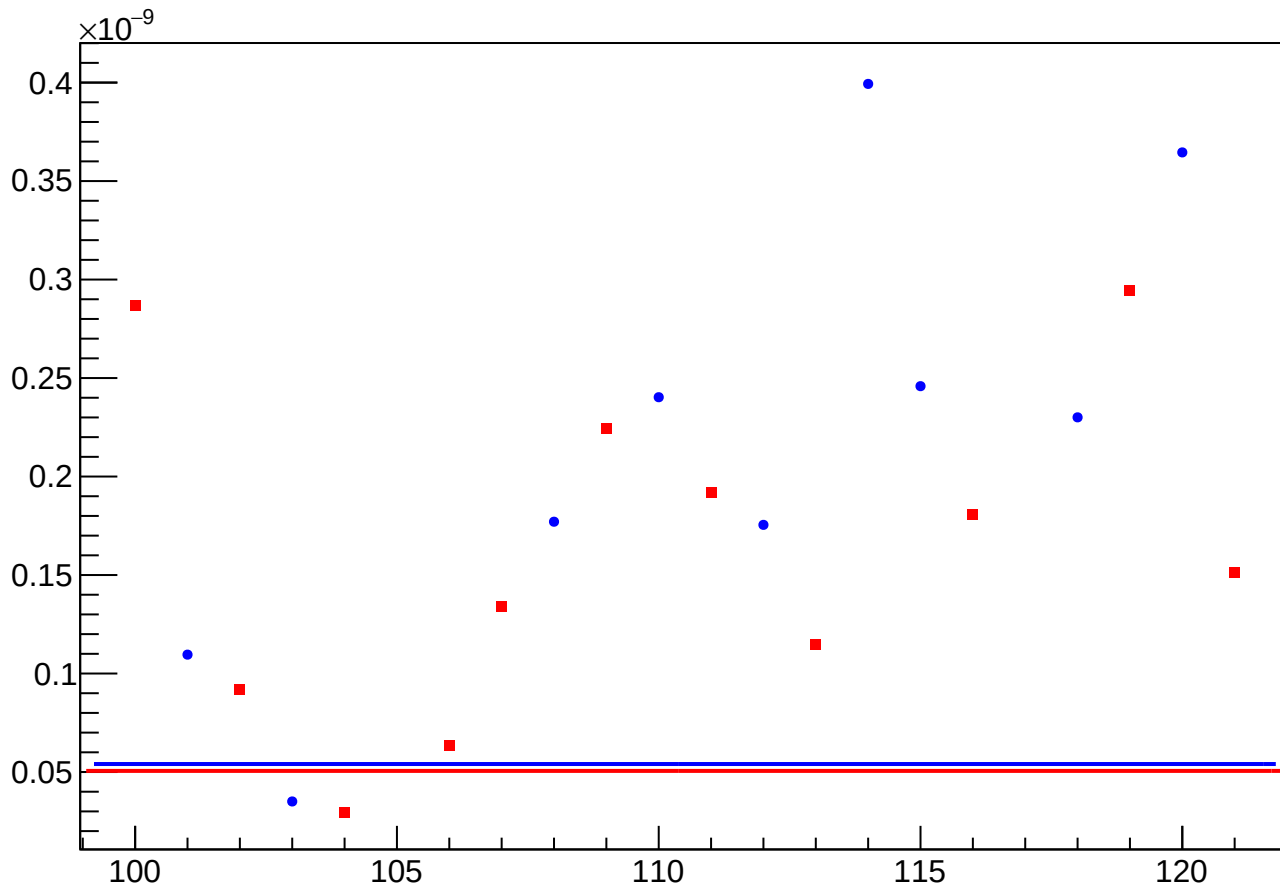
Right: 0.000+/-0.000 χ^2/NDF : 20.3/19

In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/19

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1493340.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1633953.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

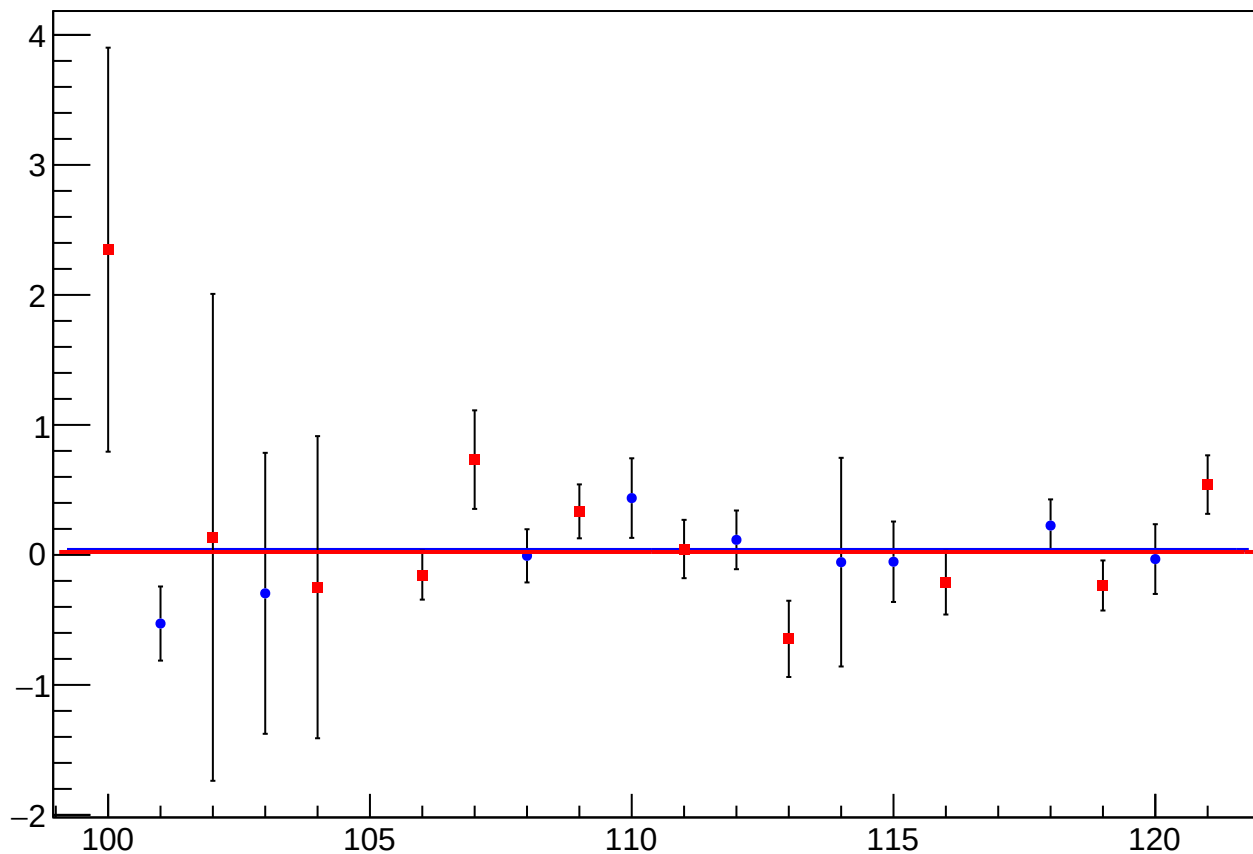
Right: 0.000+/-0.000 χ^2/NDF : 3131622.1/19

In: 0.000+/-0.000 χ^2/NDF : 1493340.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3131622.1/19

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.080 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

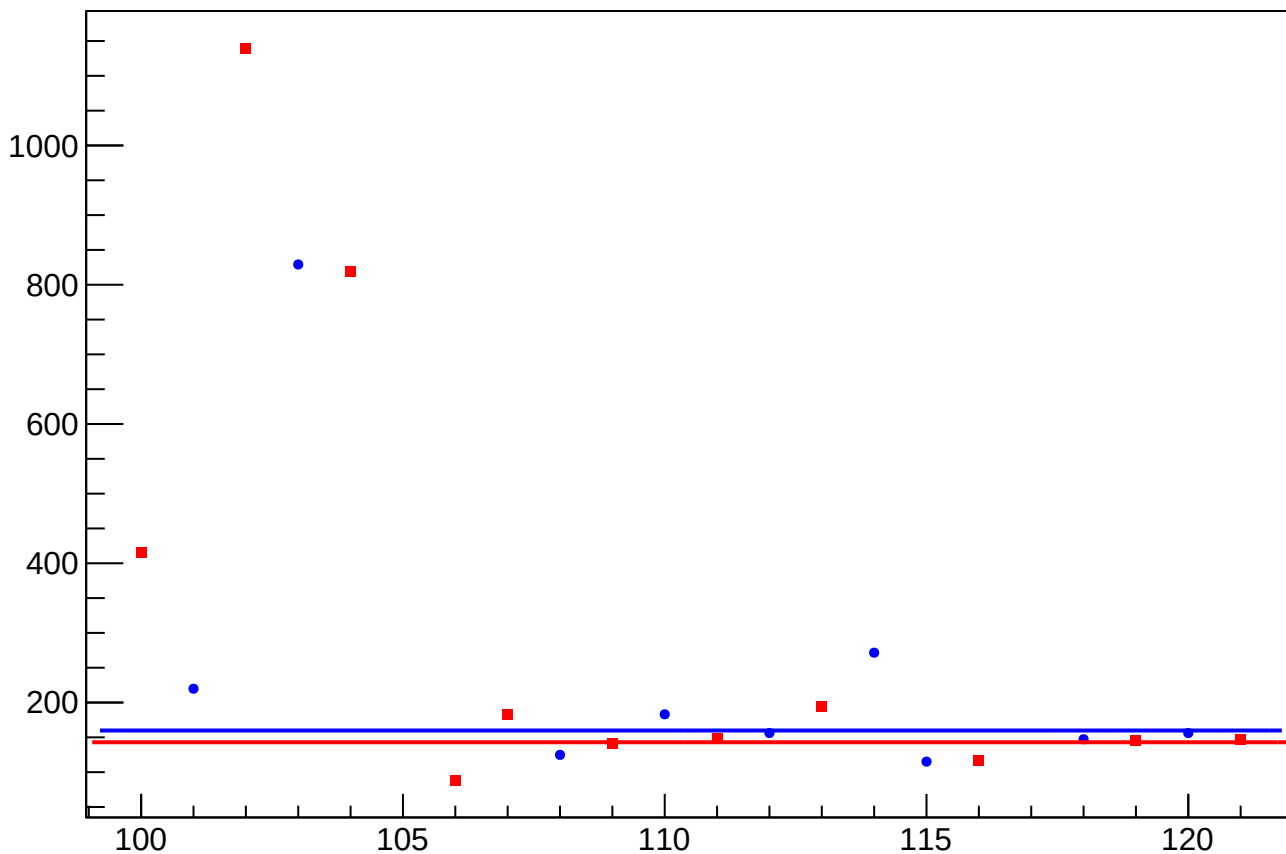
Right: 0.029+/-0.061 χ^2/NDF : 29.2/19

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 29.2/19

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.969+/-0.057 χ^2/NDF : 1582918.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

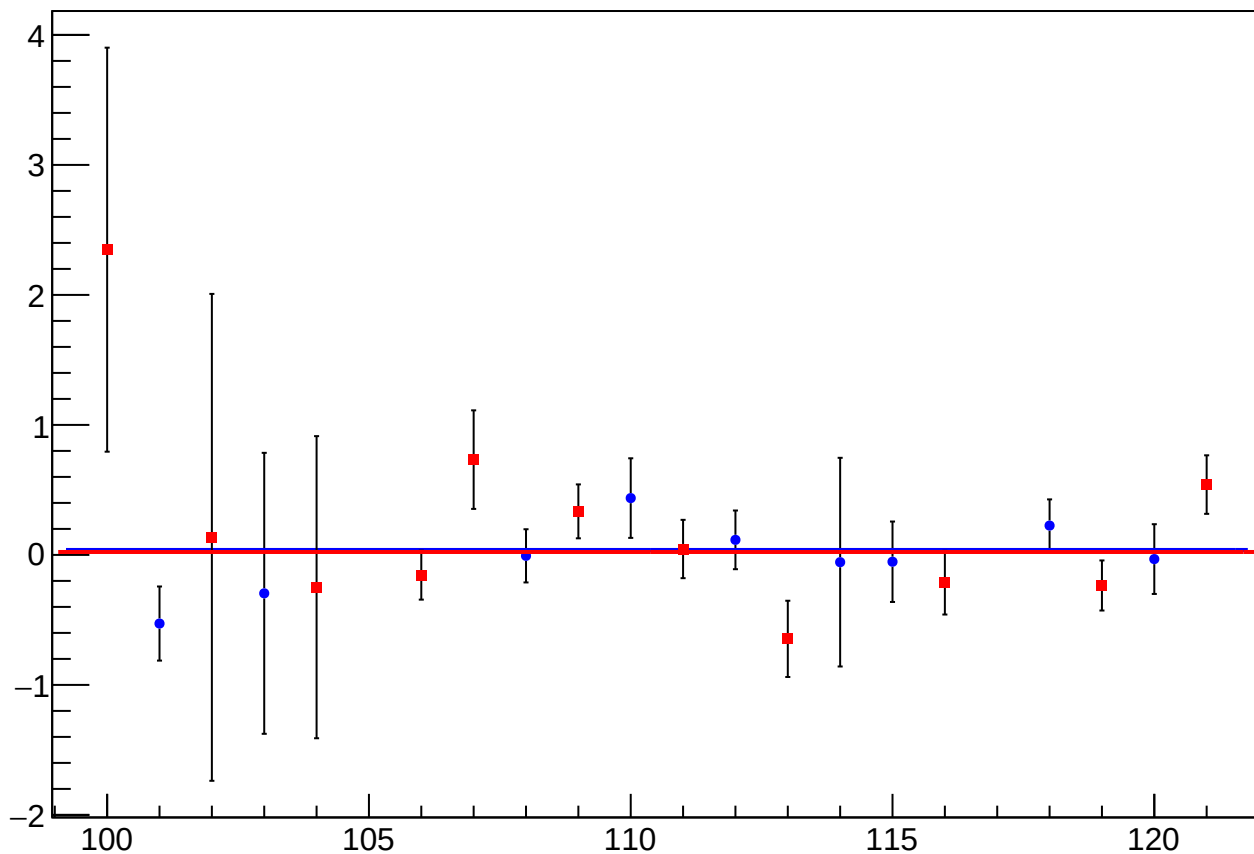
Right: 150.261+/-0.043 χ^2/NDF : 2635965.5/19

In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.261+/-0.043 χ^2/NDF : 2635965.5/19

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.080 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

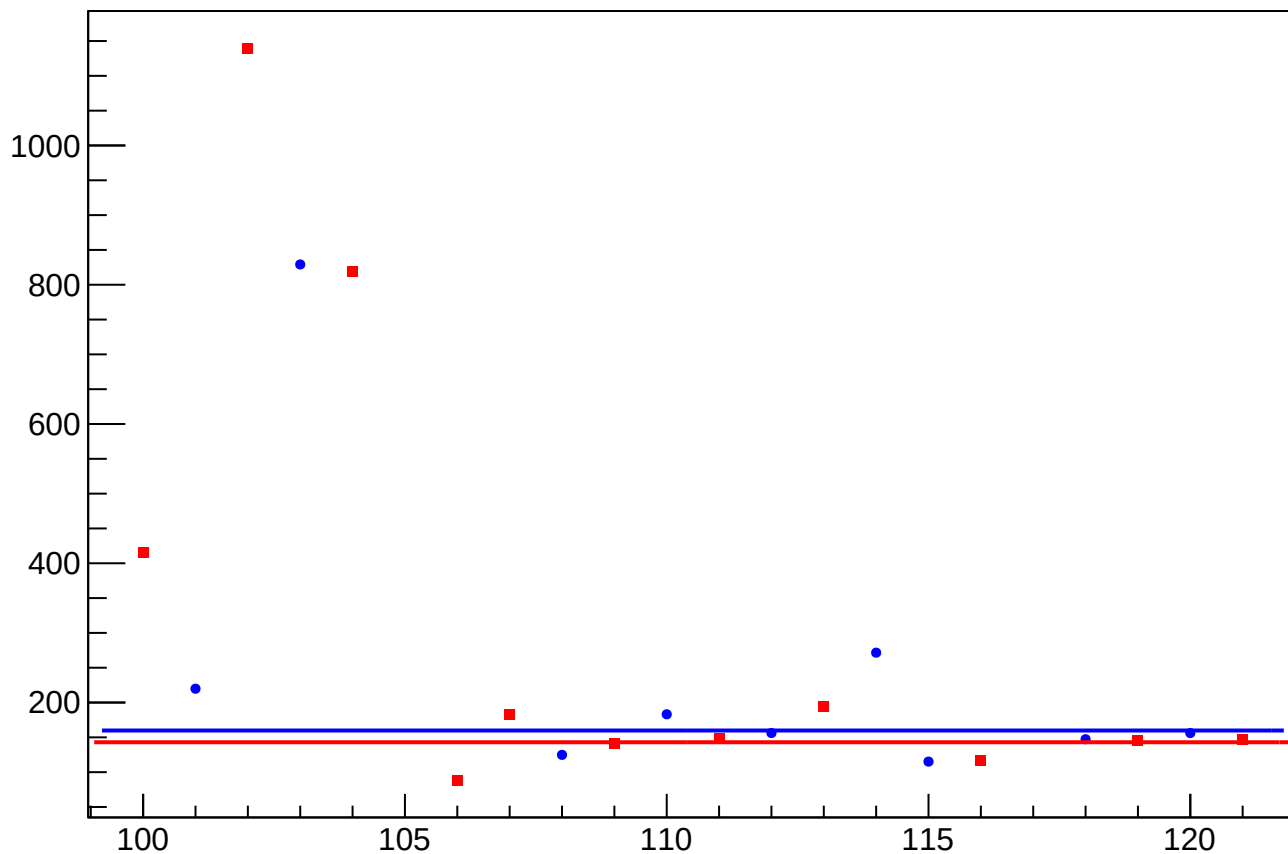
Right: 0.029+/-0.061 χ^2/NDF : 29.2/19

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 29.2/19

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.969+/-0.057 χ^2/NDF : 1582918.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

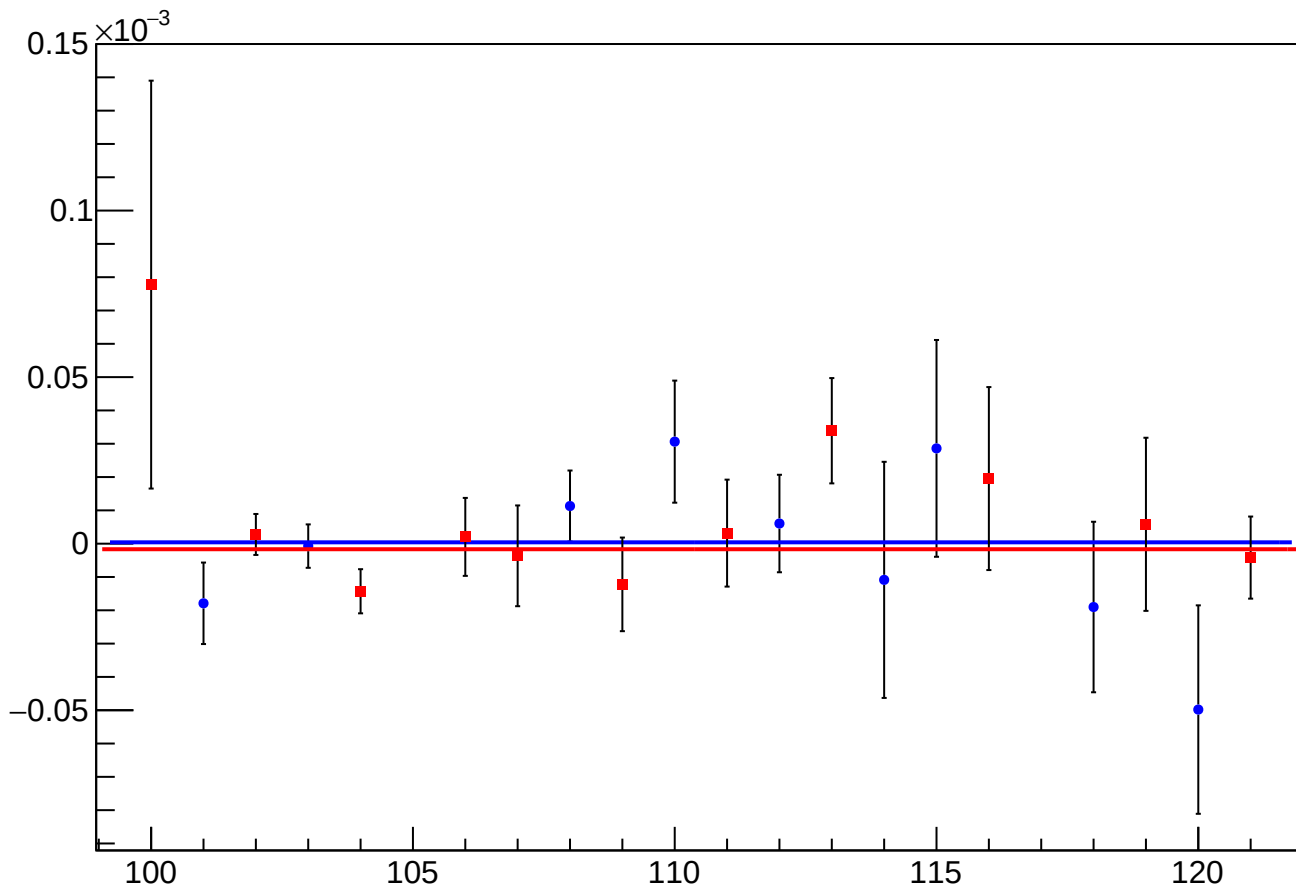
Right: 150.261+/-0.043 χ^2/NDF : 2635965.5/19

In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.261+/-0.043 χ^2/NDF : 2635965.5/19

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 : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

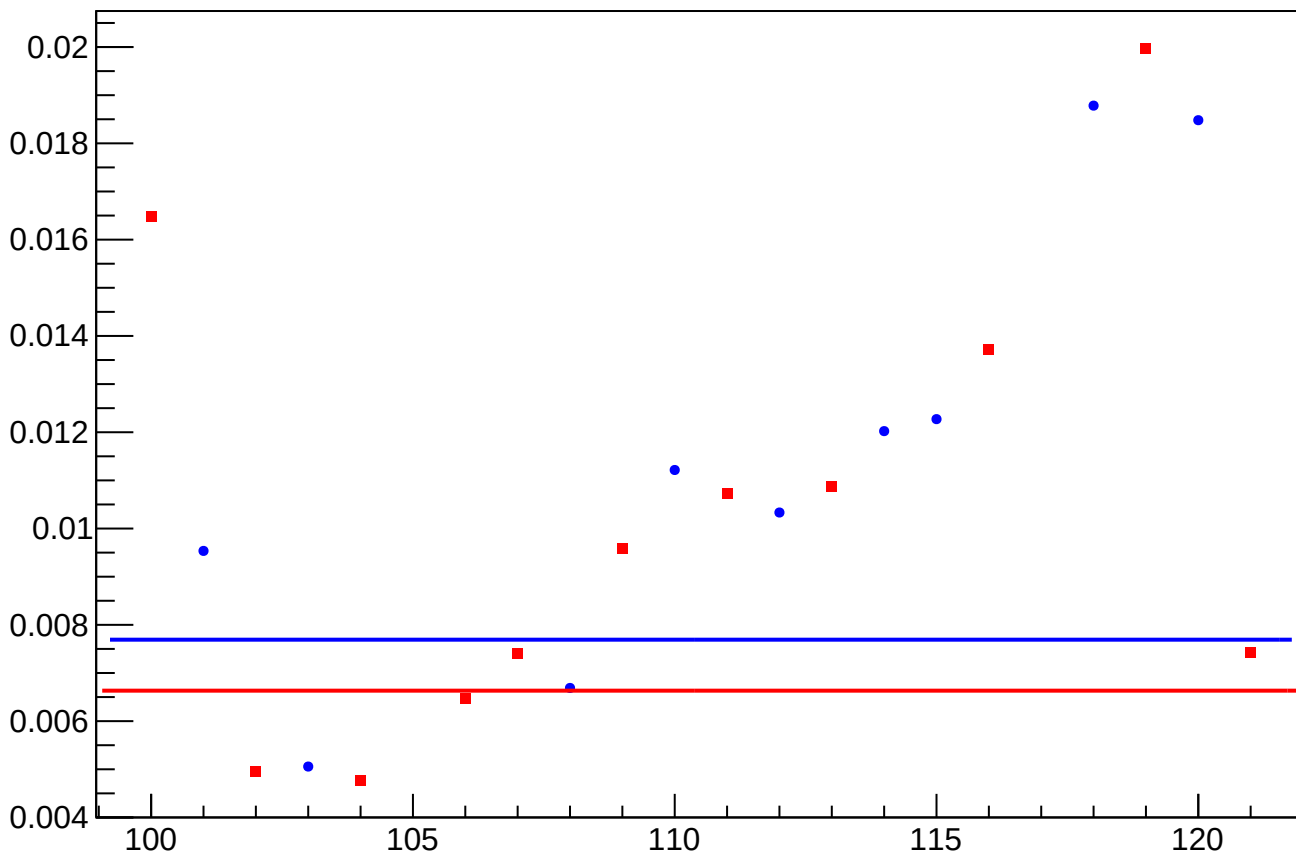
Right: -0.000+/-0.000 χ^2/NDF : 22.7/19

In: 0.000+/-0.000 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.7/19

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 : 1212050.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1397352.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

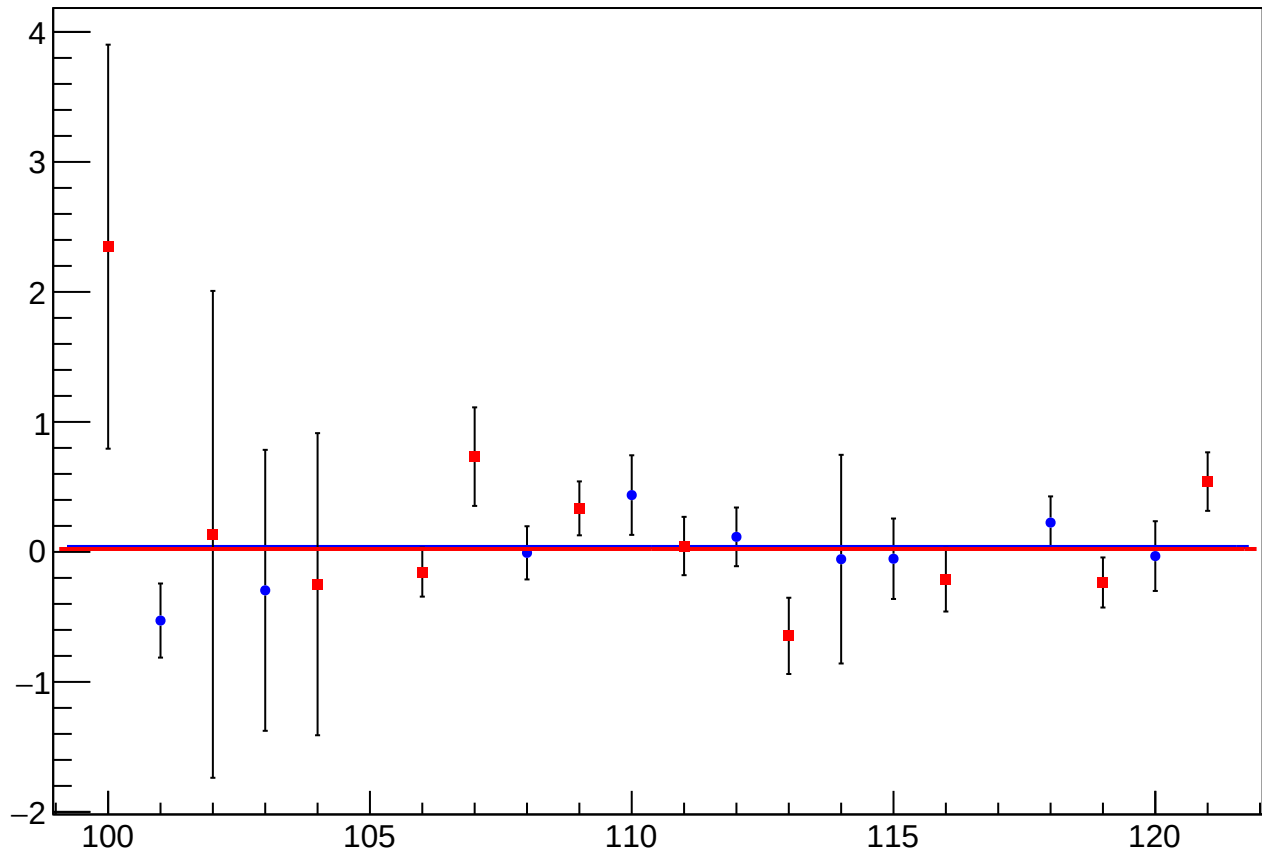
Right: 0.007+/-0.000 χ^2/NDF : 2680348.8/19

In: 0.008+/-0.000 χ^2/NDF : 1212050.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2680348.8/19

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.080 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

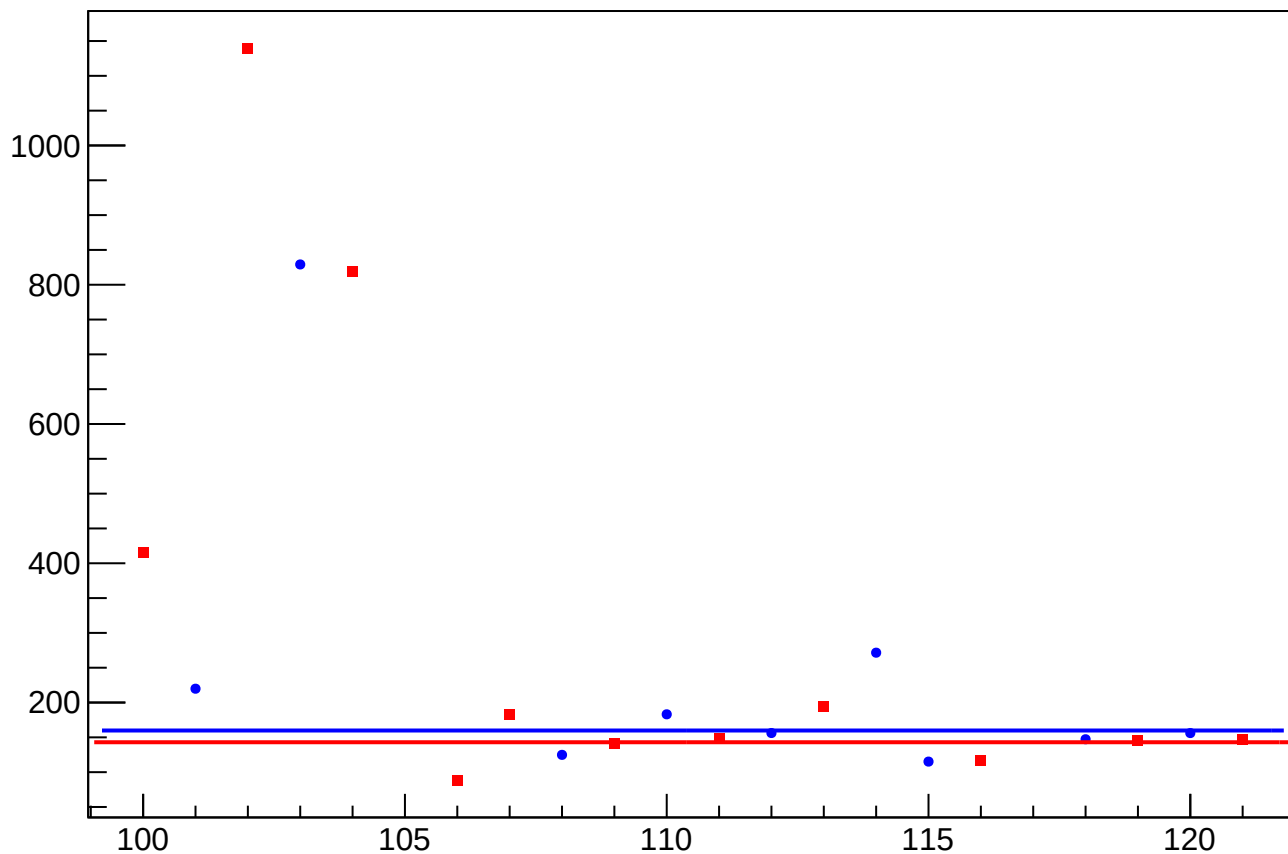
Right: 0.029+/-0.061 χ^2/NDF : 29.2/19

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 29.2/19

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.969+/-0.057 χ^2/NDF : 1582921.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

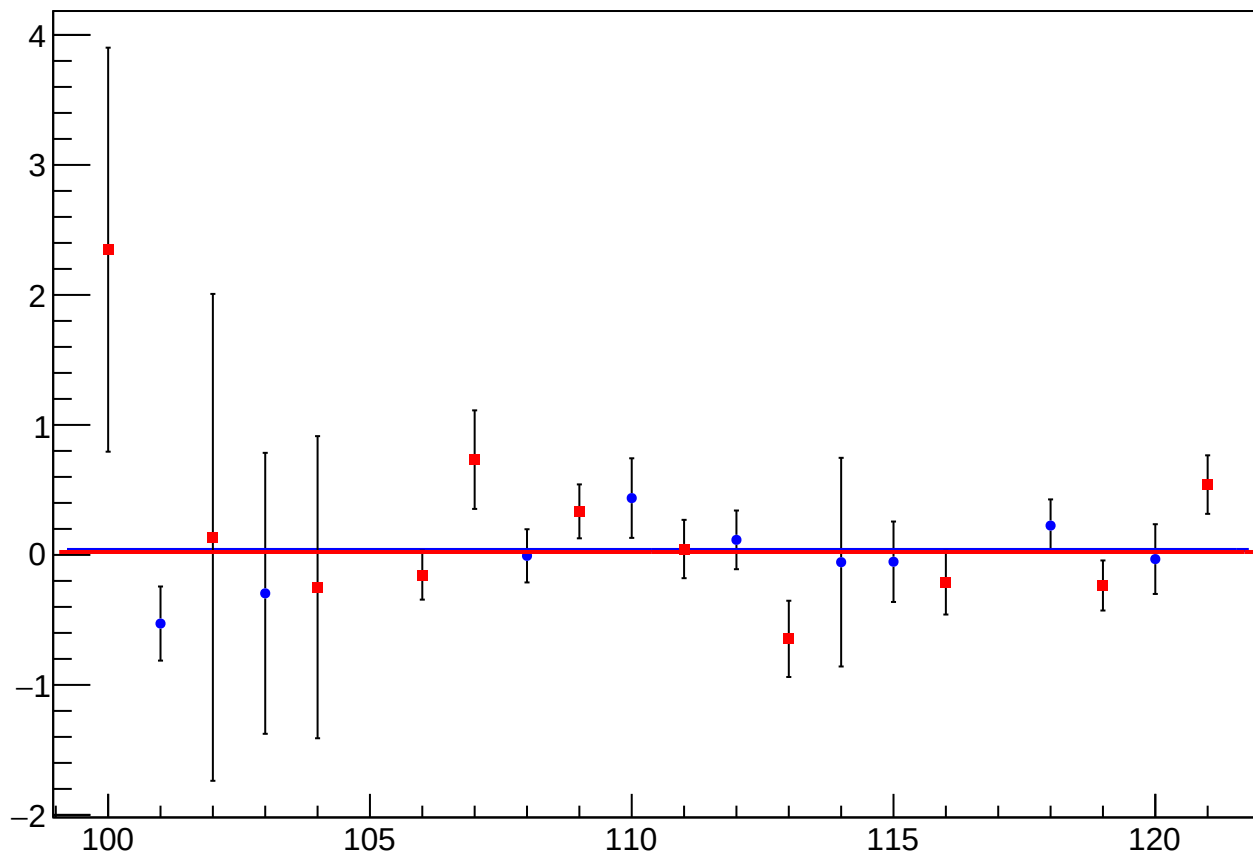
Right: 150.261+/-0.043 χ^2/NDF : 2635958.5/19

In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.261+/-0.043 χ^2/NDF : 2635958.5/19

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.080 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

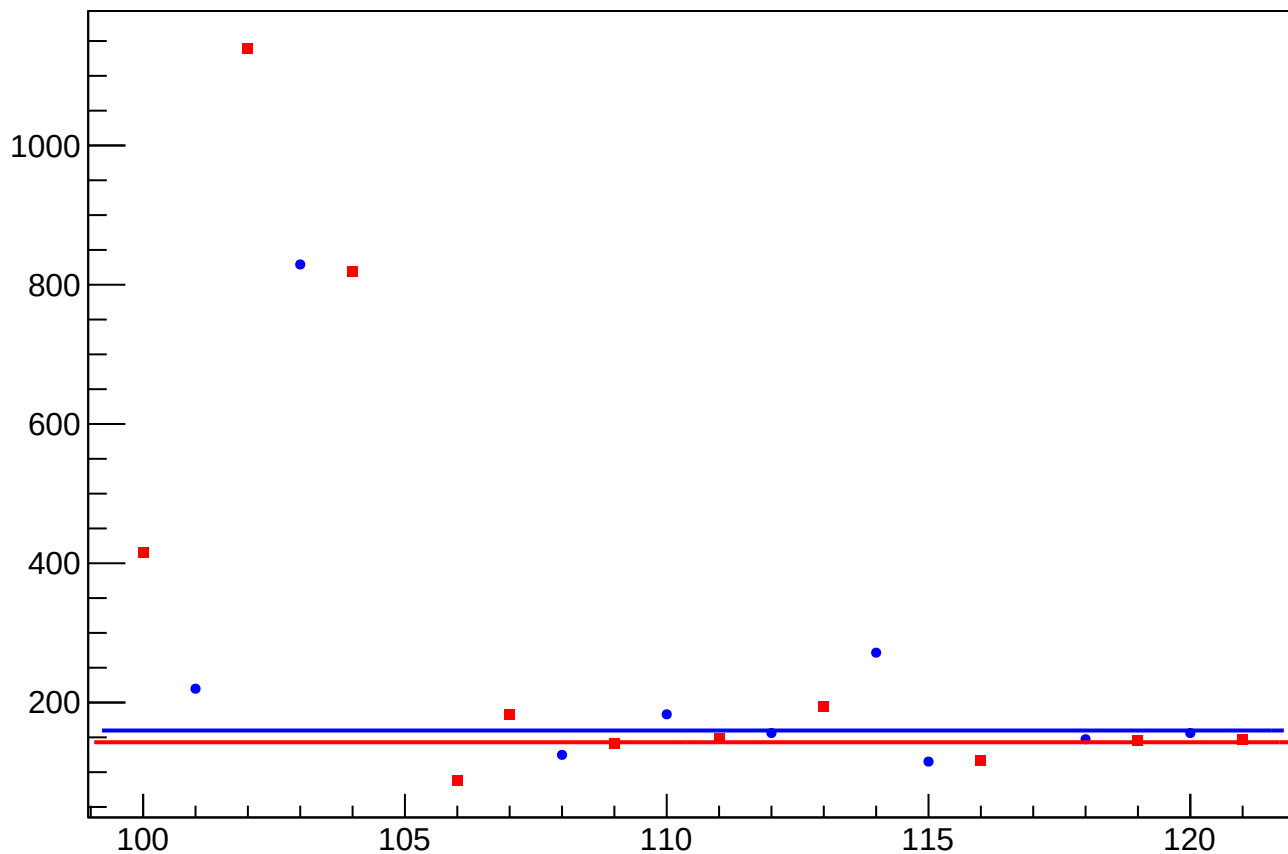
Right: 0.029+/-0.061 χ^2/NDF : 29.2/19

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 29.2/19

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.969+/-0.057 χ^2/NDF : 1582921.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

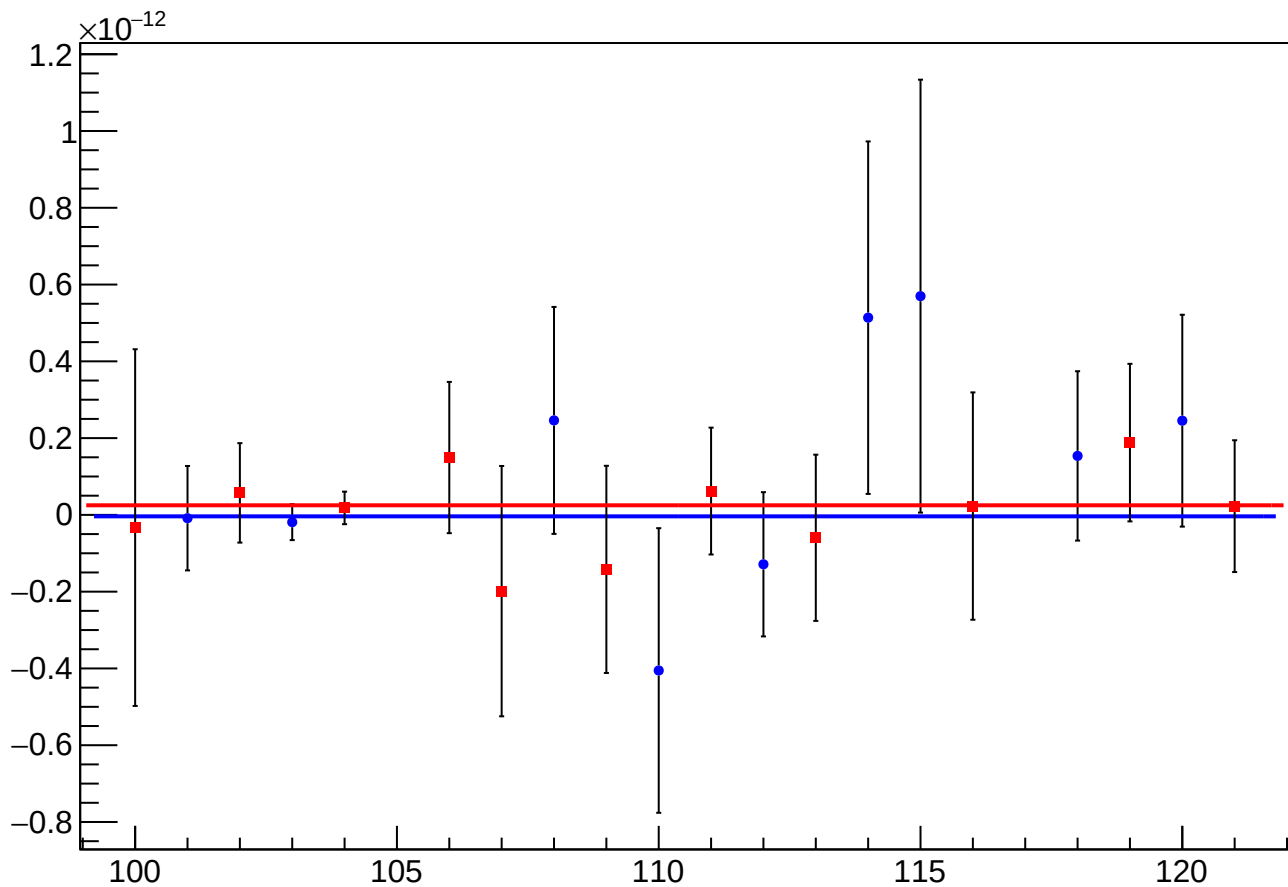
Right: 150.261+/-0.043 χ^2/NDF : 2635958.5/19

In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.261+/-0.043 χ^2/NDF : 2635958.5/19

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 : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

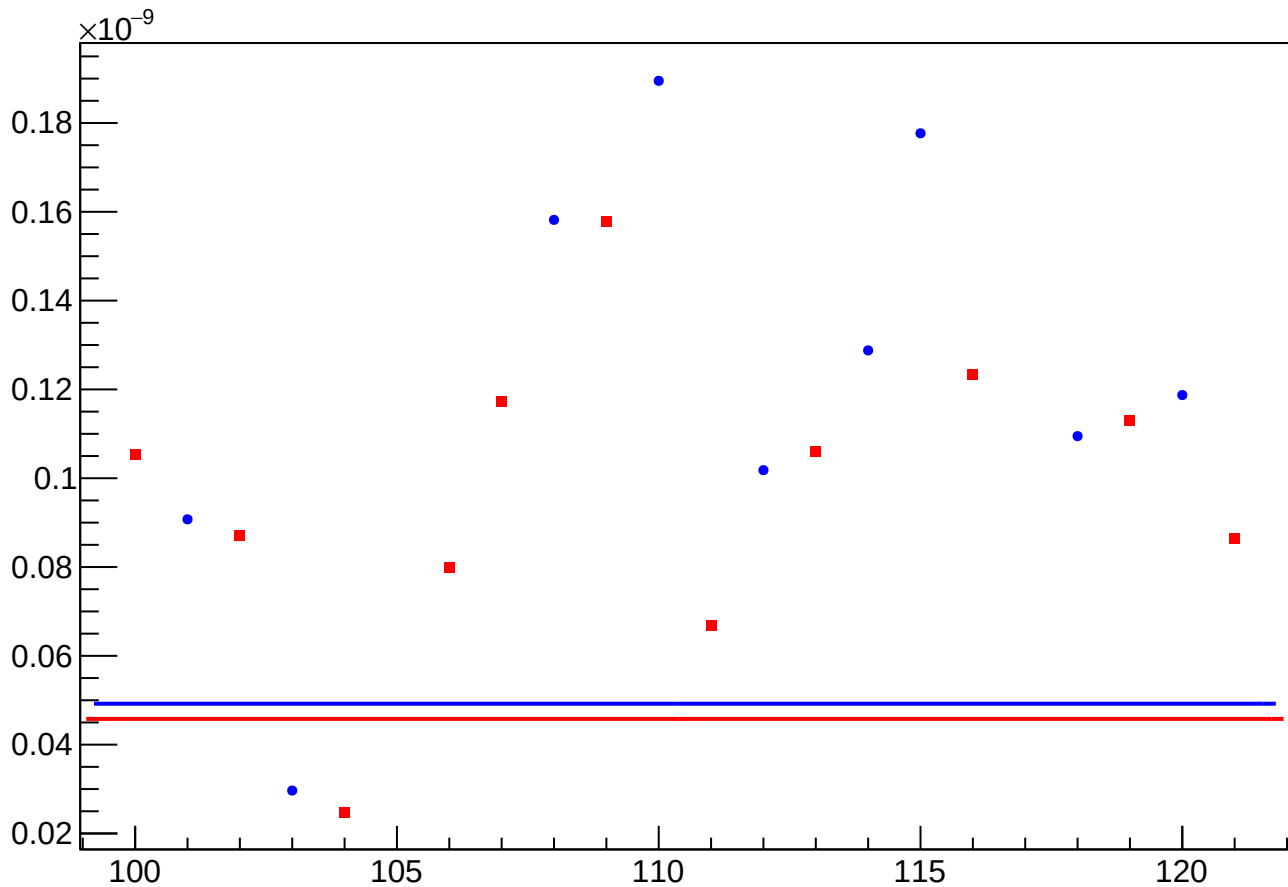
Right: 0.000+/-0.000 χ^2/NDF : 8.5/19

In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.5/19

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 : 1690650.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 188535.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

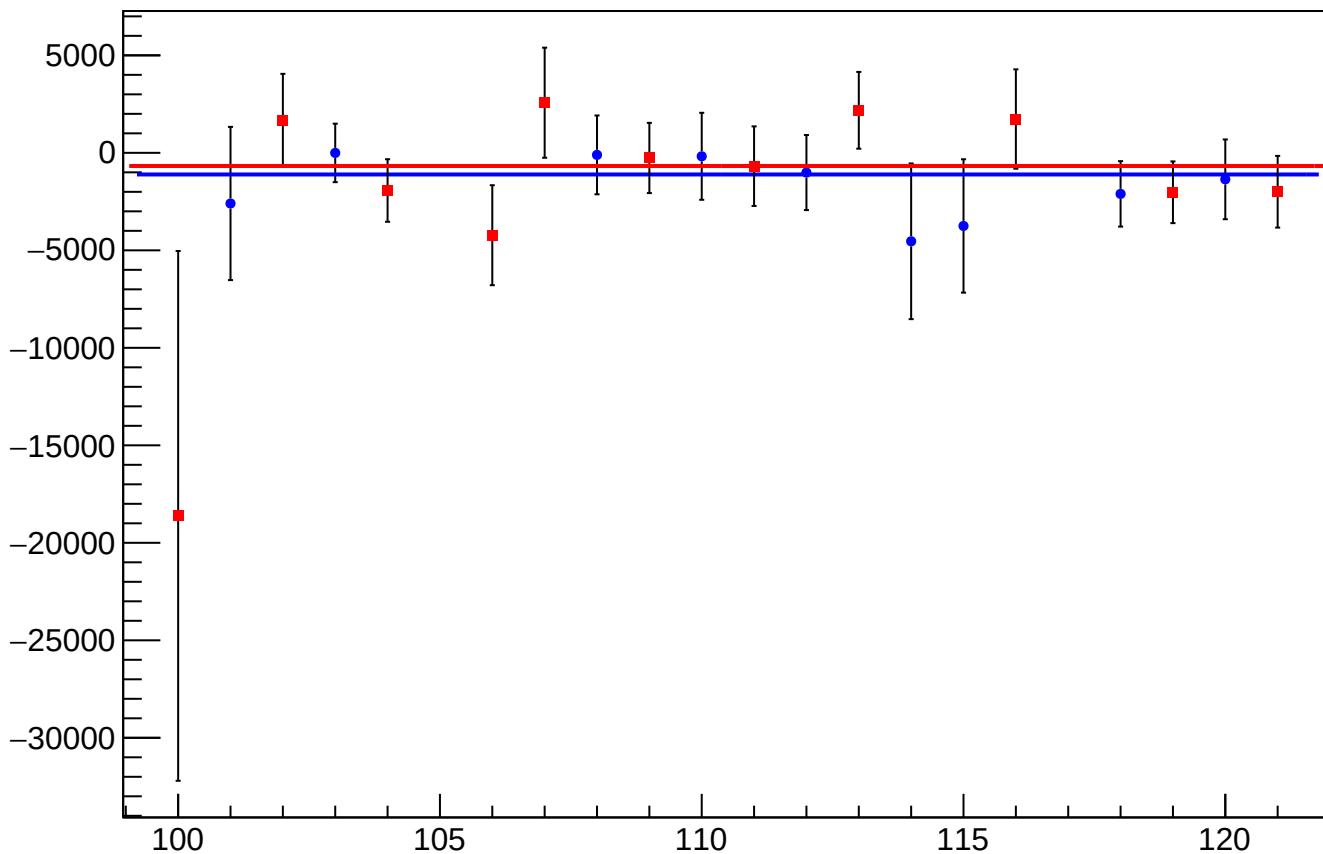
Right: 0.000+/-0.000 χ^2/NDF : 3584187.4/19

In: 0.000+/-0.000 χ^2/NDF : 1690650.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3584187.4/19

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -673.699+/-631.911 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

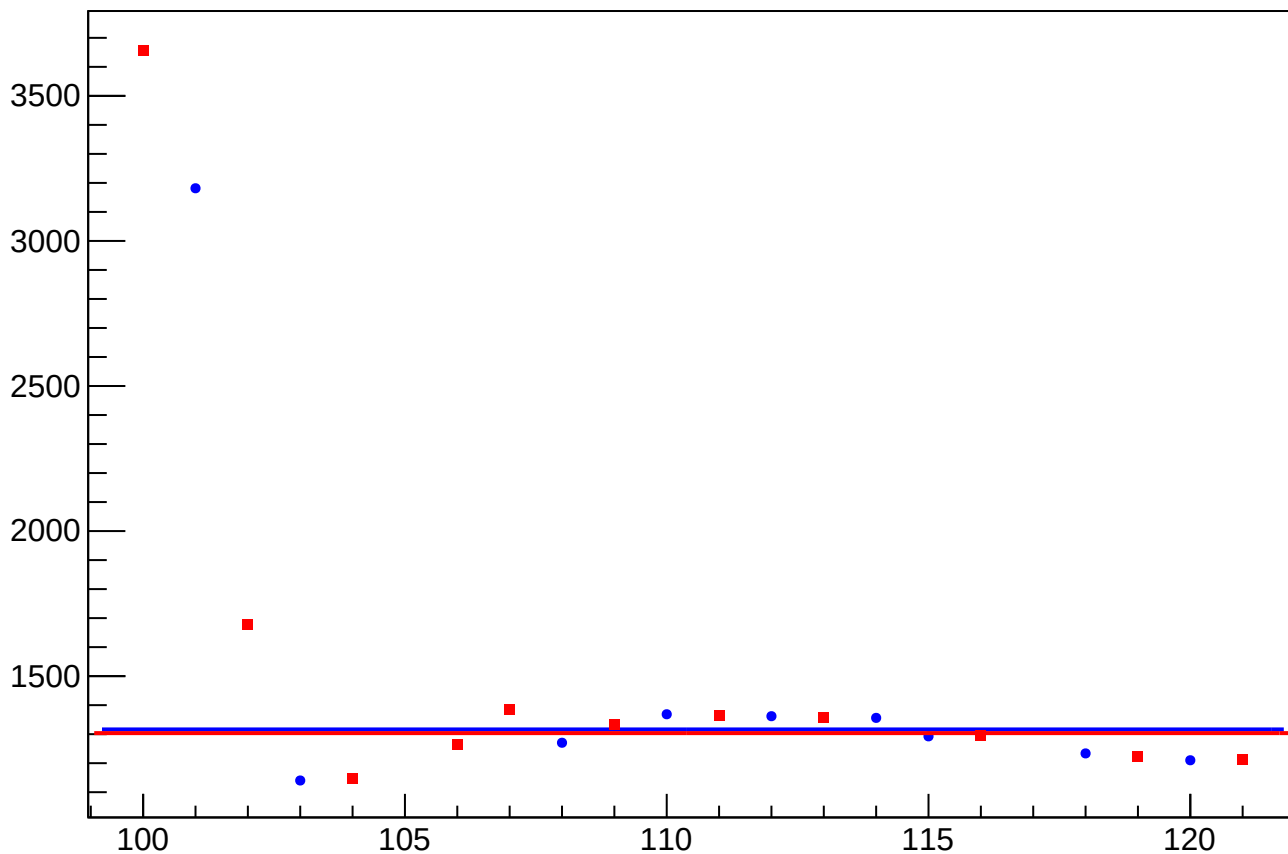
Right: -865.185+/-472.911 χ^2/NDF : 13.9/19

In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -865.185+/-472.911 χ^2/NDF : 13.9/19

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.593+/-0.447 χ^2/NDF : 144035.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

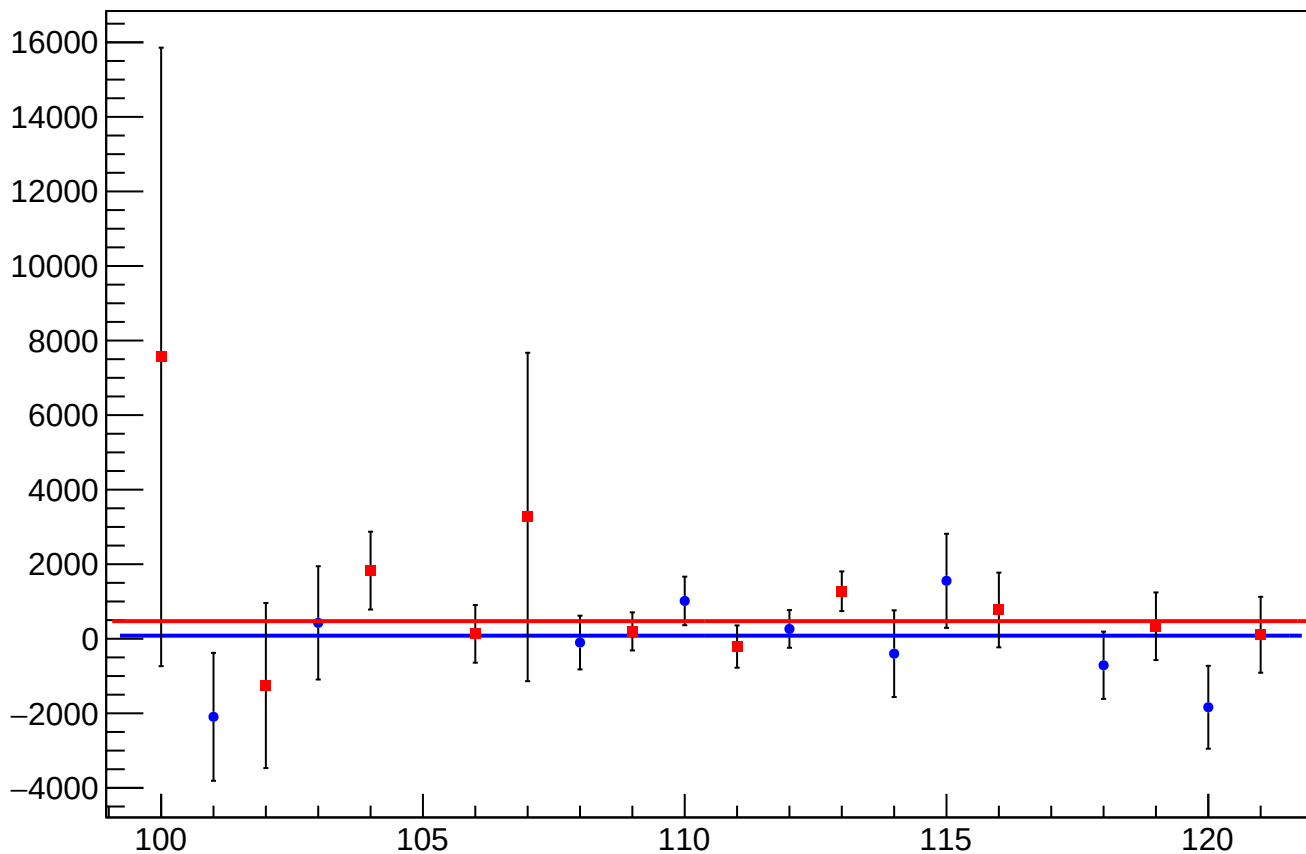
Right: 1309.188+/-0.334 χ^2/NDF : 636546.9/19

In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.188+/-0.334 χ^2/NDF : 636546.9/19

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.674+/-246.233 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

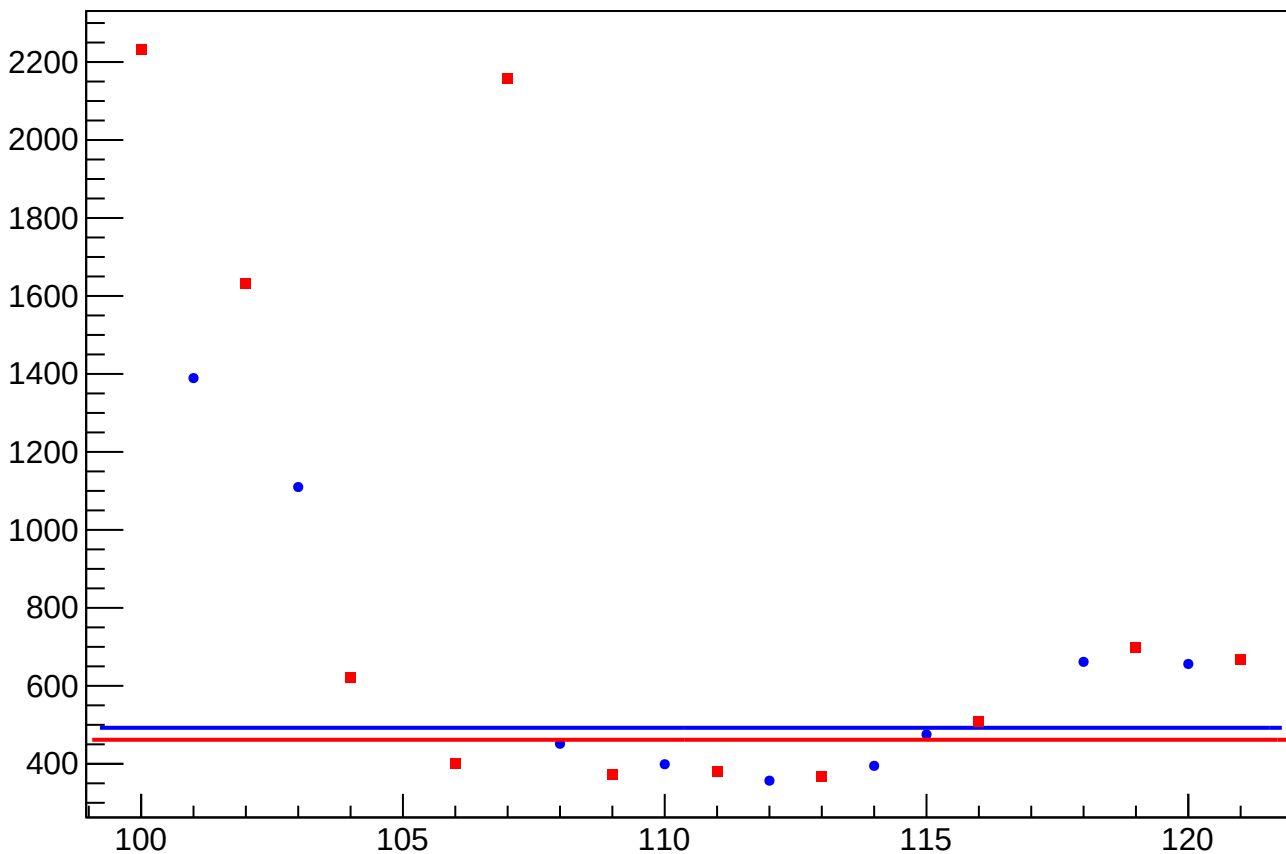
Right: 305.613+/-186.110 χ^2/NDF : 18.1/19

In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.613+/-186.110 χ^2/NDF : 18.1/19

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.702+/-0.174 χ^2/NDF : 1394438.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

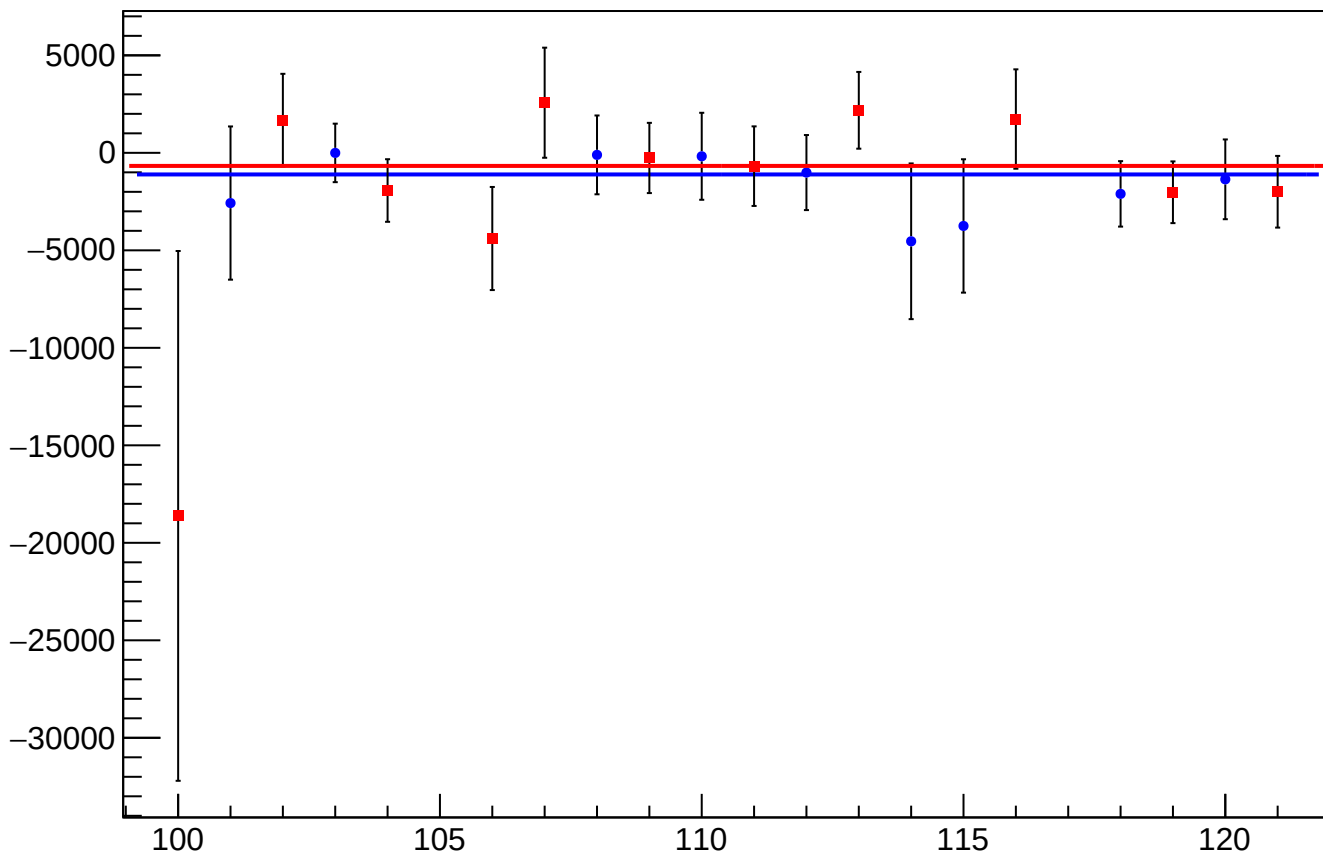
Right: 474.865+/-0.132 χ^2/NDF : 2604240.8/19

In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.865+/-0.132 χ^2/NDF : 2604240.8/19

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

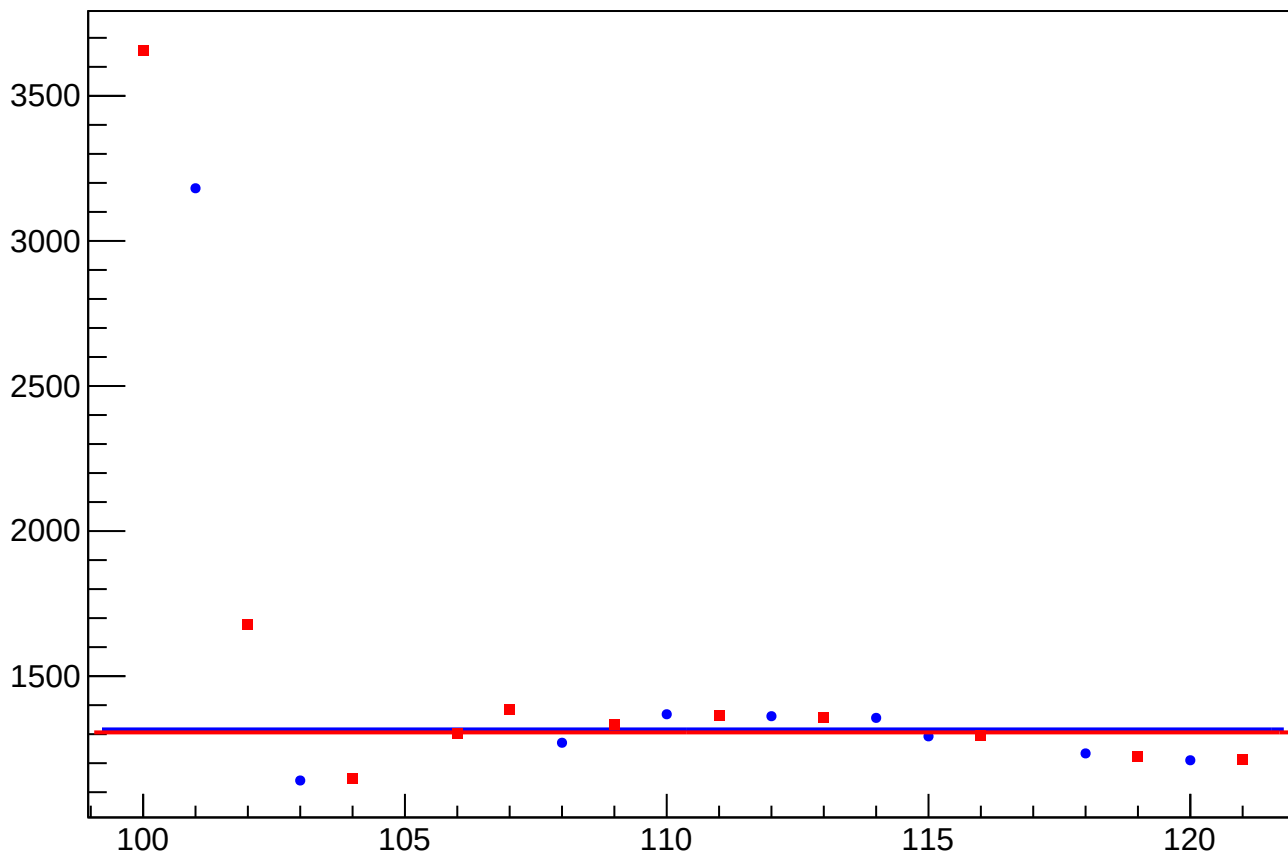
Right: -863.445+/-473.393 χ^2/NDF : 13.9/19

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.445+/-473.393 χ^2/NDF : 13.9/19

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

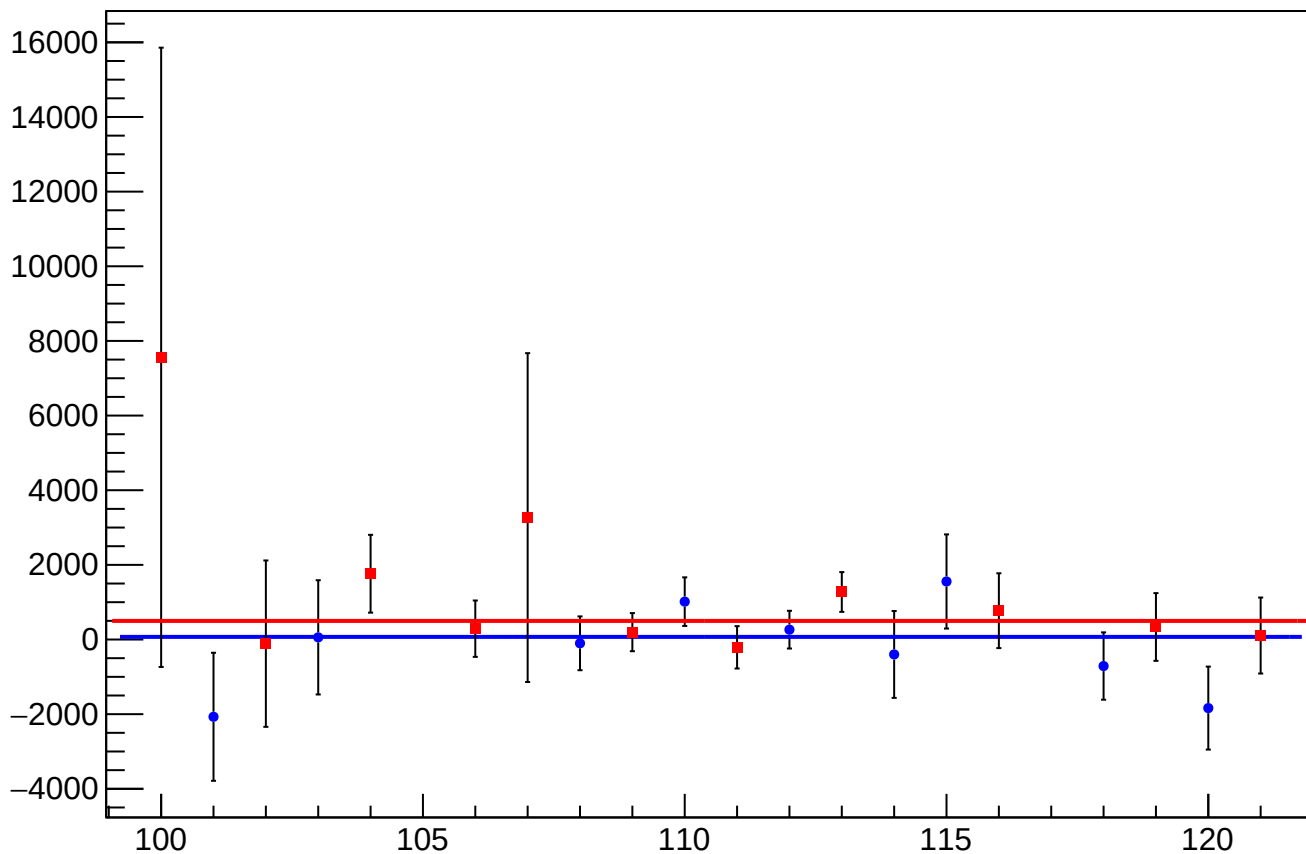
Right: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.362+/-245.622 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

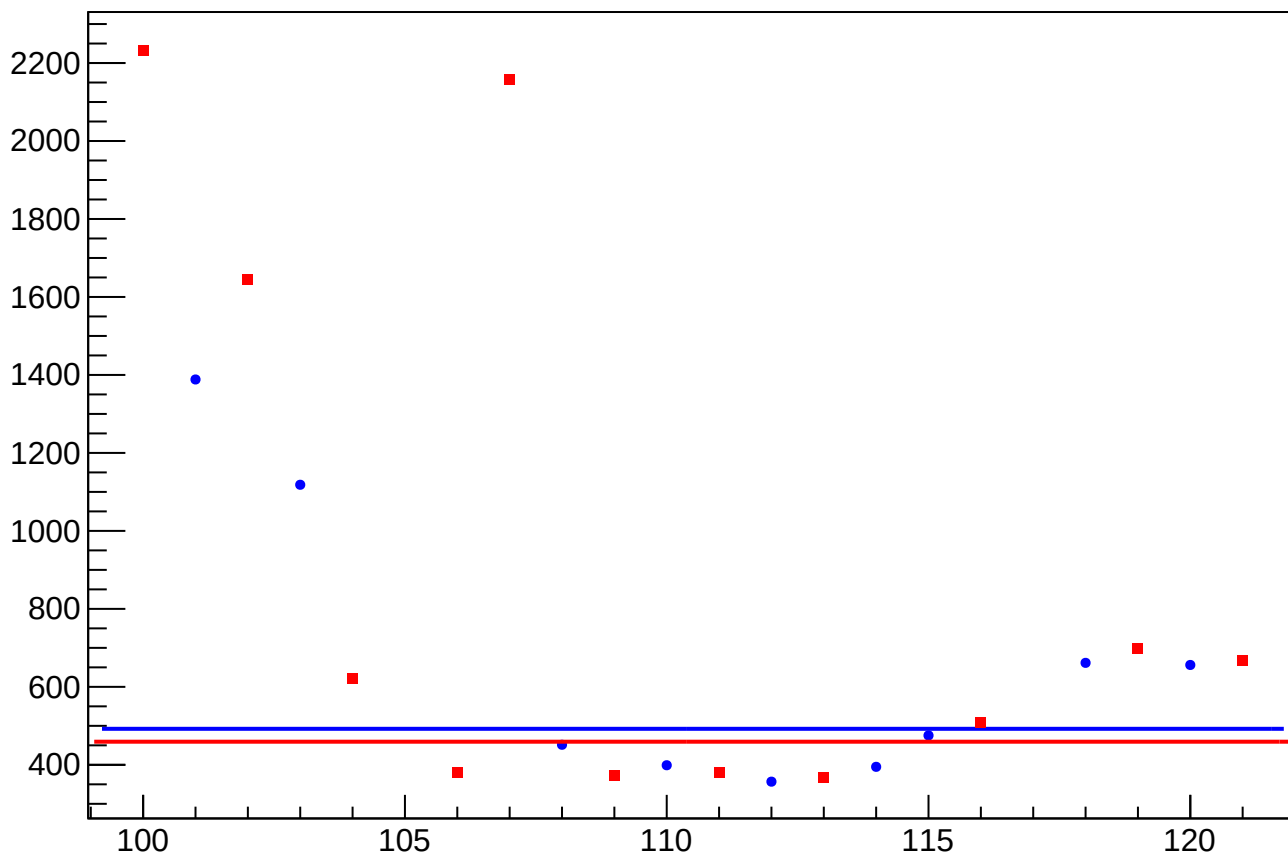
Right: 315.606+/-185.865 χ^2/NDF : 17.4/19

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.606+/-185.865 χ^2/NDF : 17.4/19

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

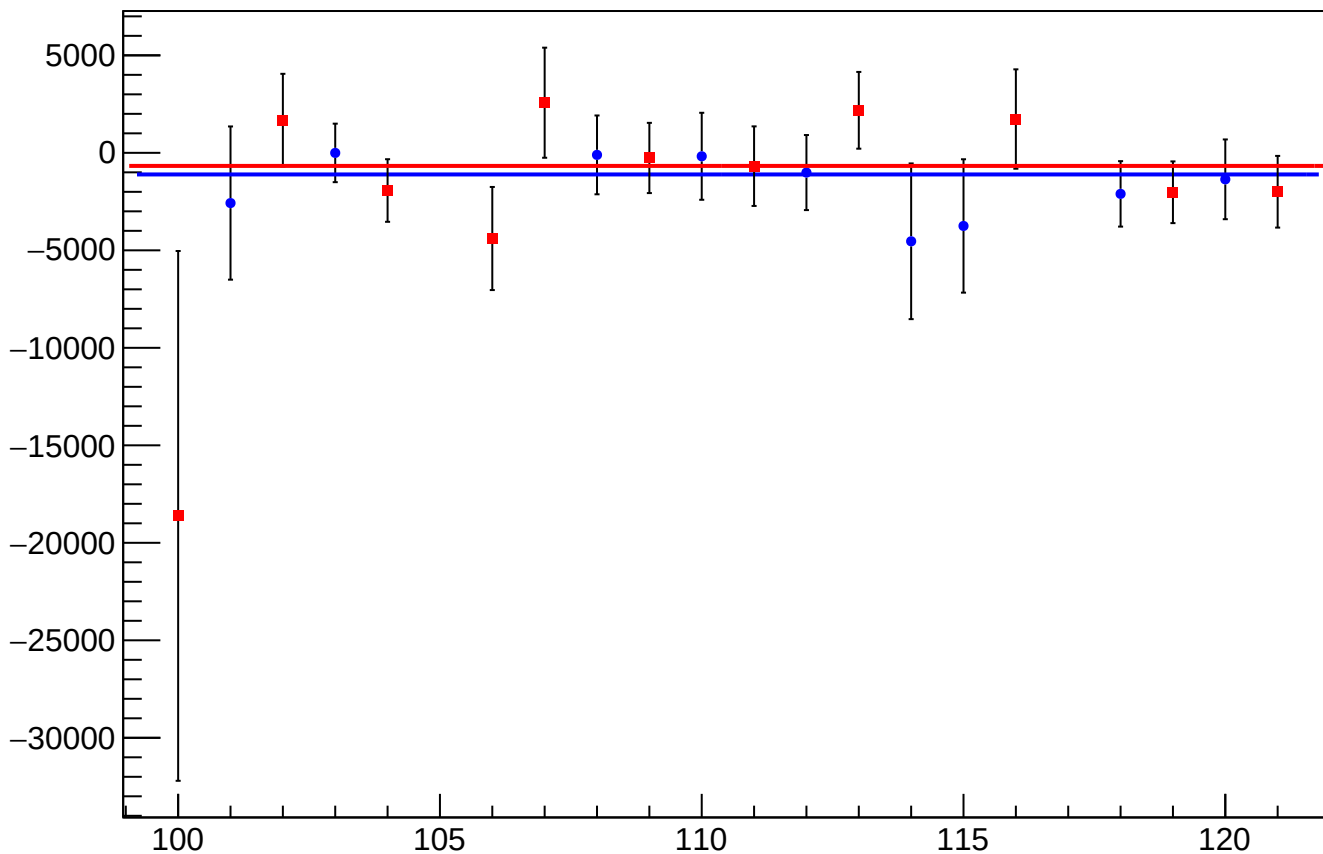
Right: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

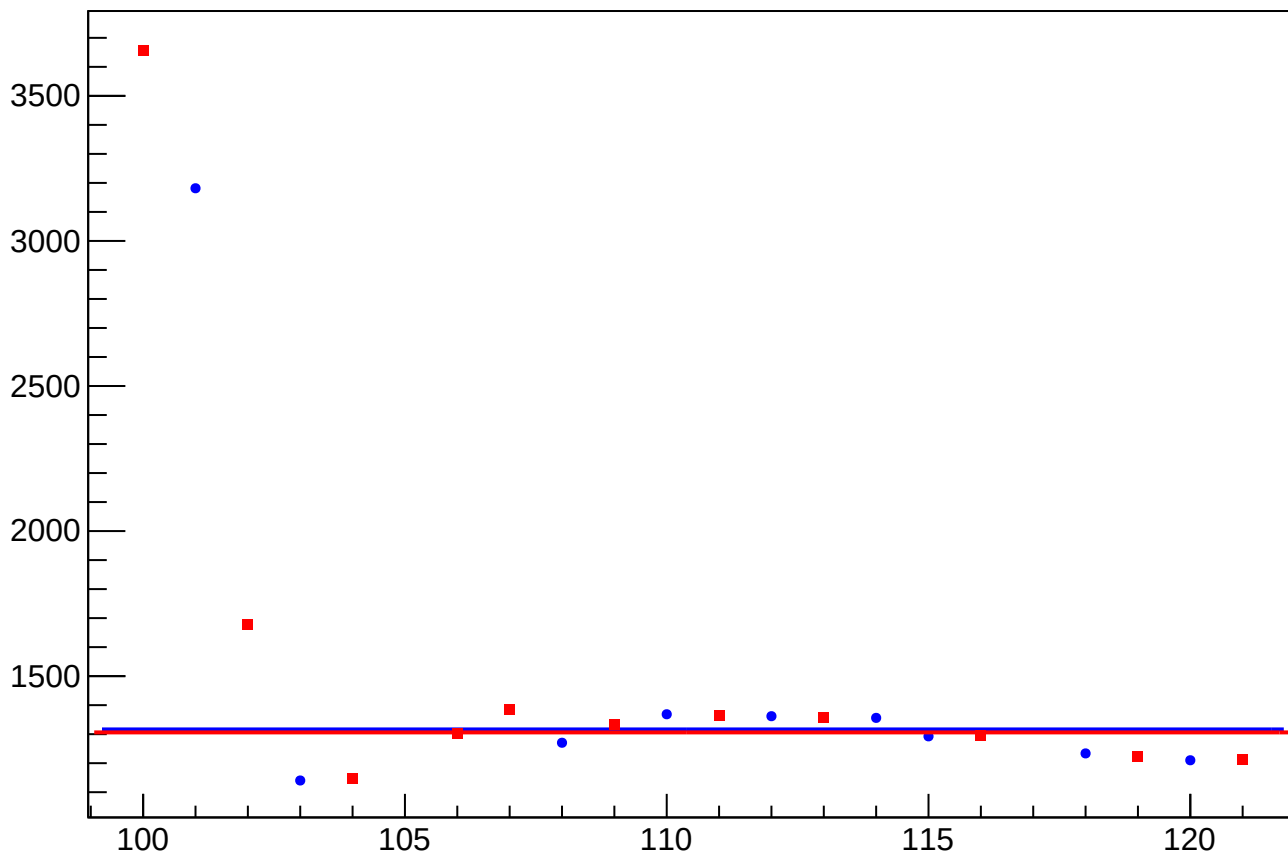
Right: -863.445+/-473.393 χ^2/NDF : 13.9/19

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.445+/-473.393 χ^2/NDF : 13.9/19

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

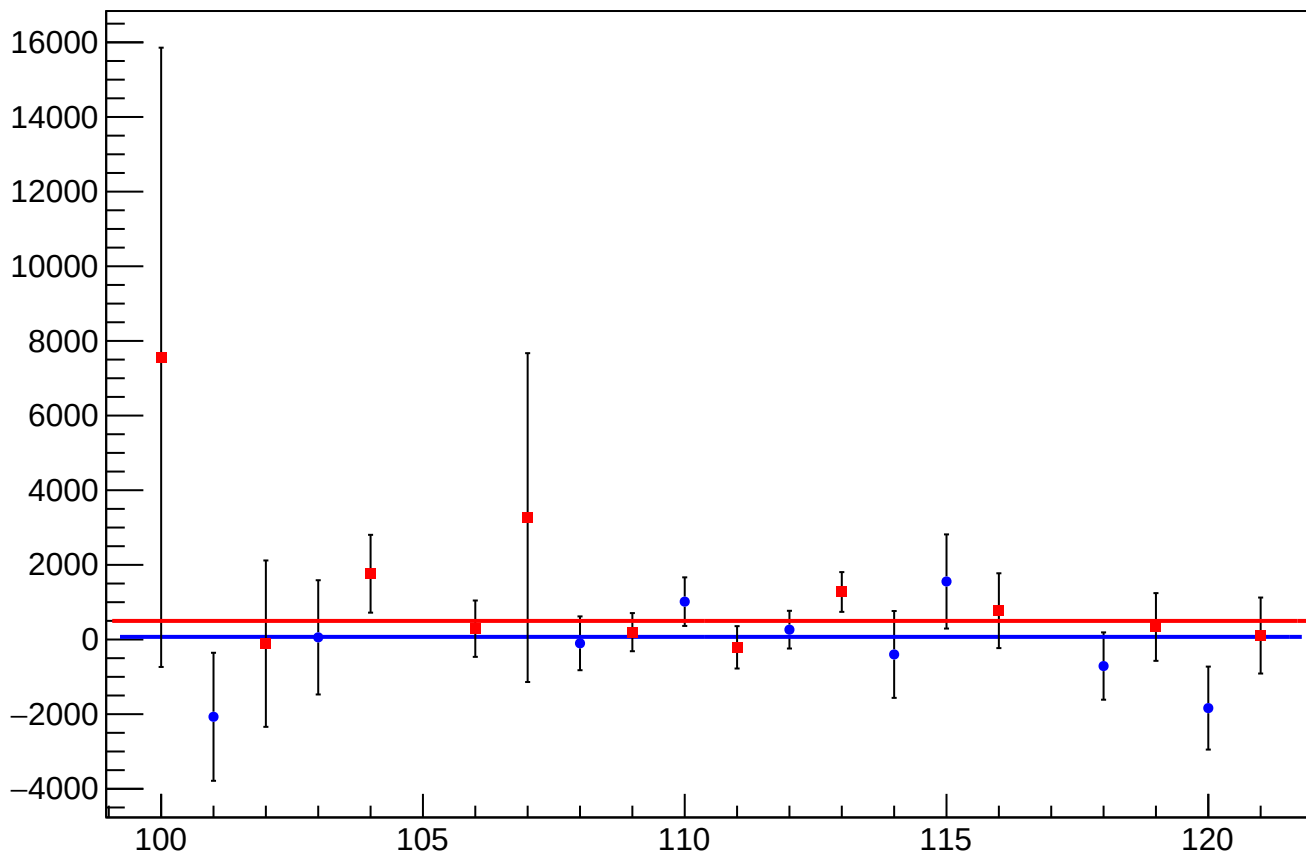
Right: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.362+/-245.622 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

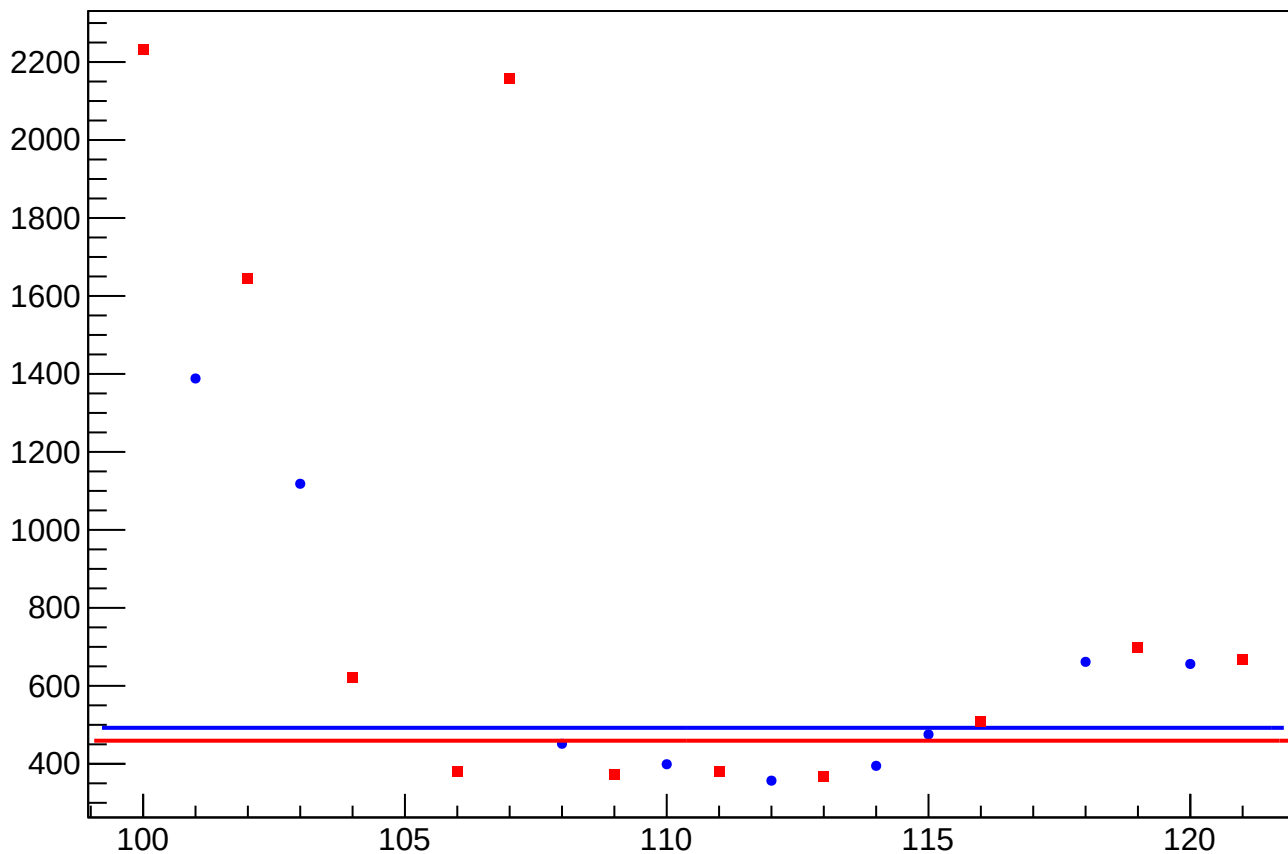
Right: 315.606+/-185.865 χ^2/NDF : 17.4/19

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.606+/-185.865 χ^2/NDF : 17.4/19

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

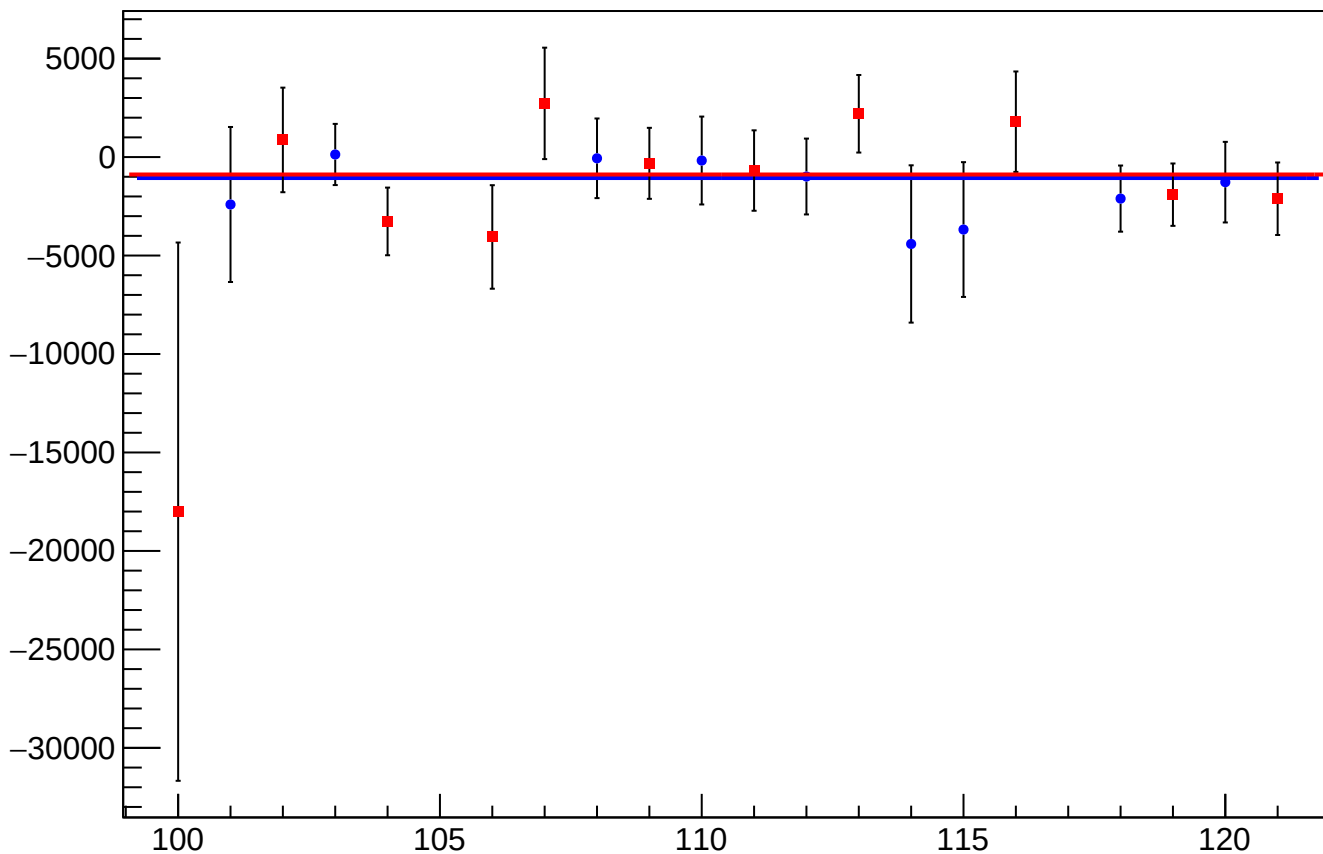
Right: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

In: 492.389+/-0.201 χ^2/NDF :1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

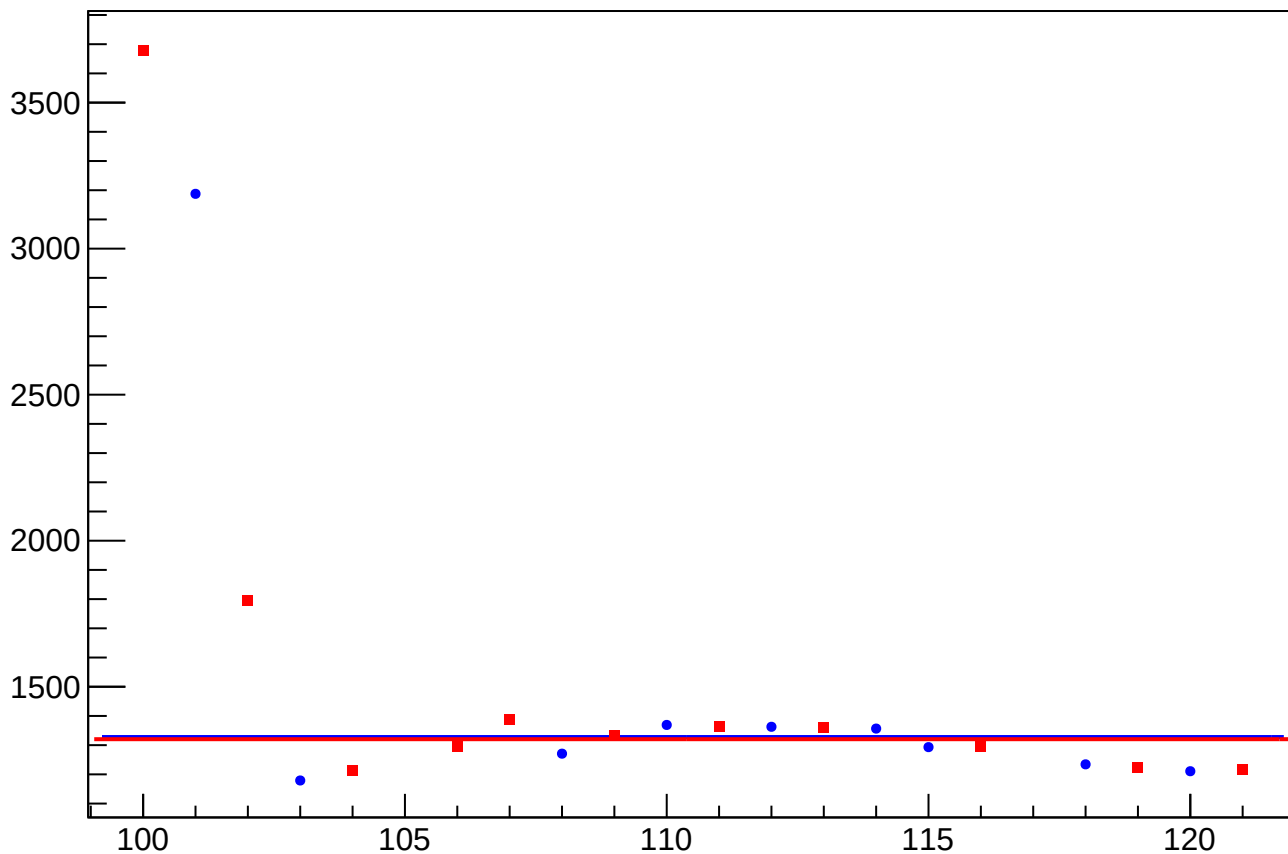
Right: -964.800+/-479.772 χ^2/NDF : 14.4/19

In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.800+/-479.772 χ^2/NDF : 14.4/19

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.409+/-0.456 χ^2/NDF : 148563.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

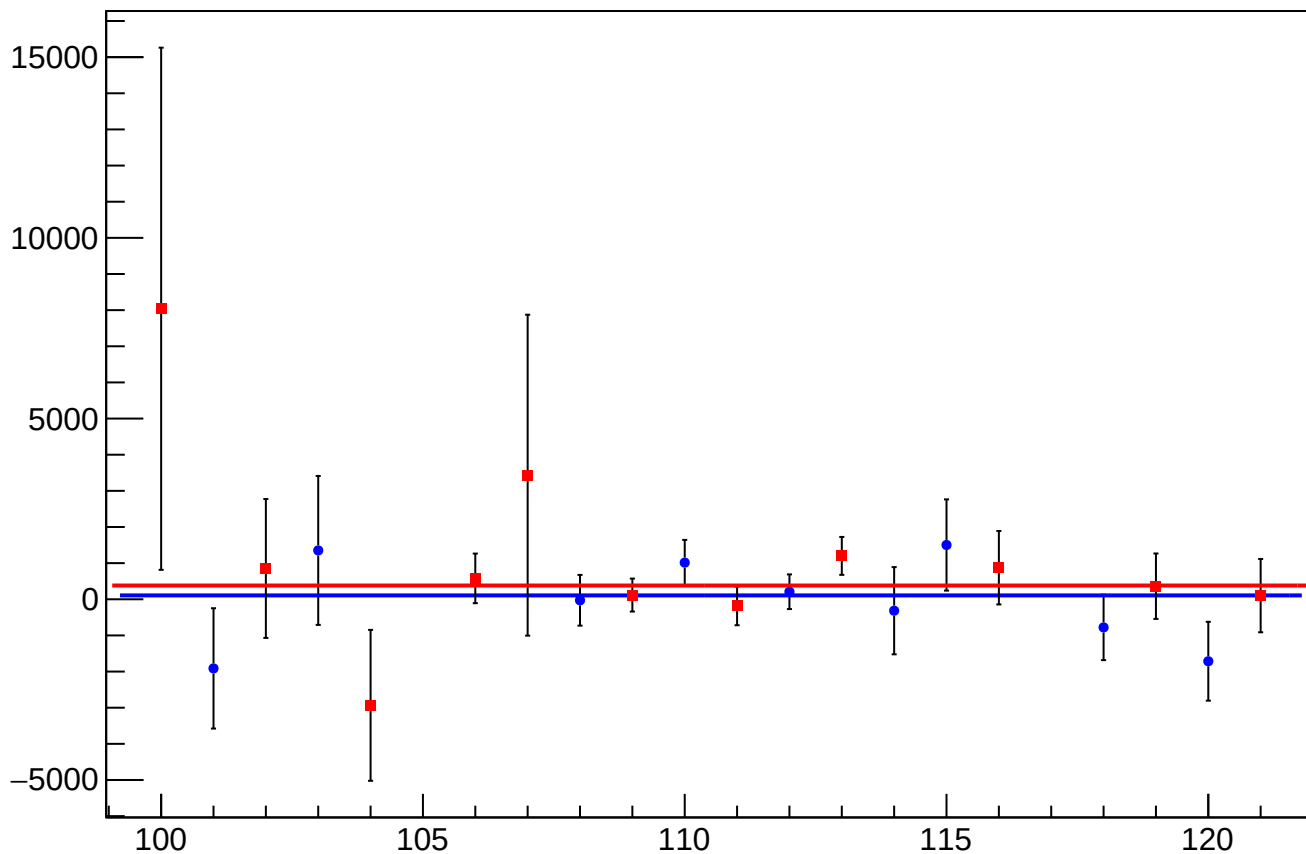
Right: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.031+/-237.056 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

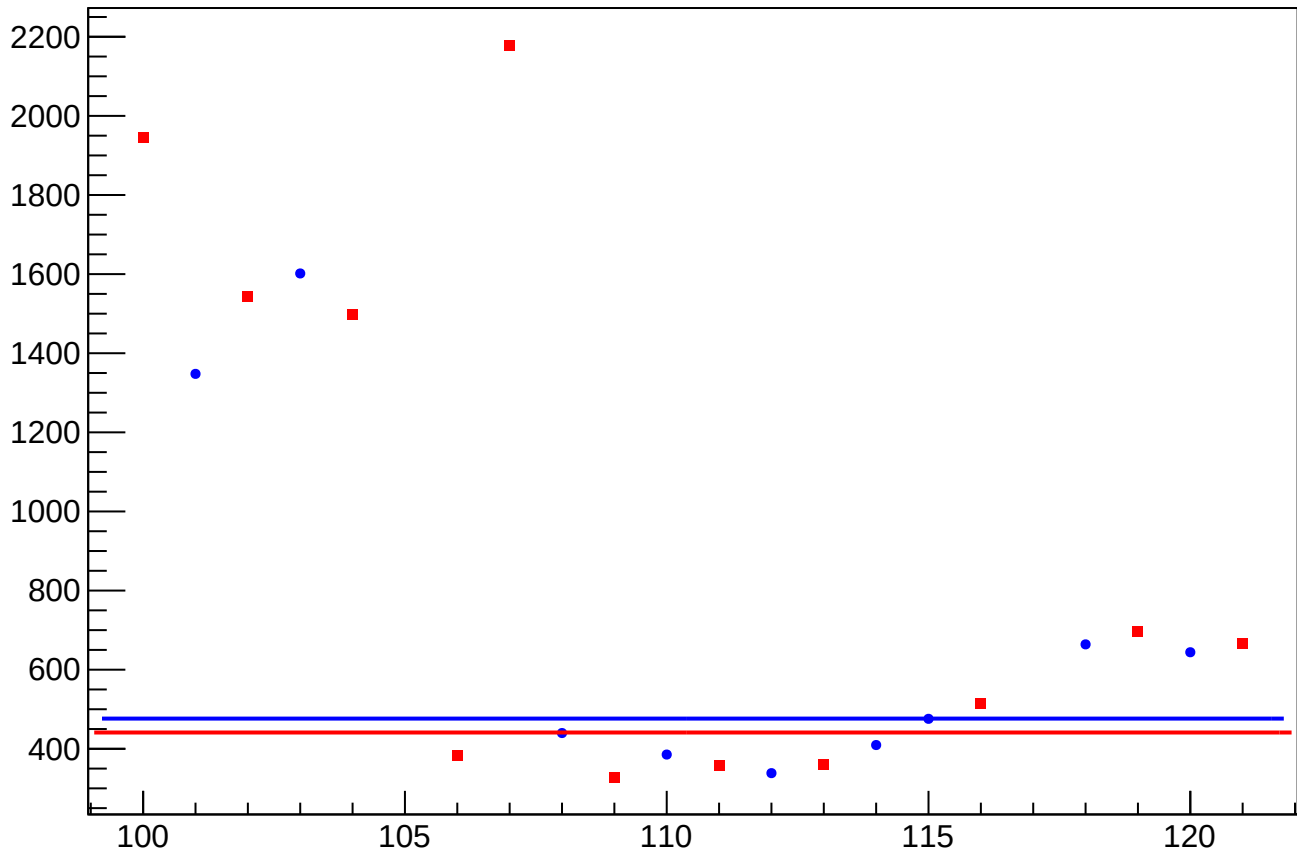
Right: 266.035+/-180.569 χ^2/NDF : 18.1/19

In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.035+/-180.569 χ^2/NDF : 18.1/19

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 441.199+/-0.168 χ^2/NDF : 2067403.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

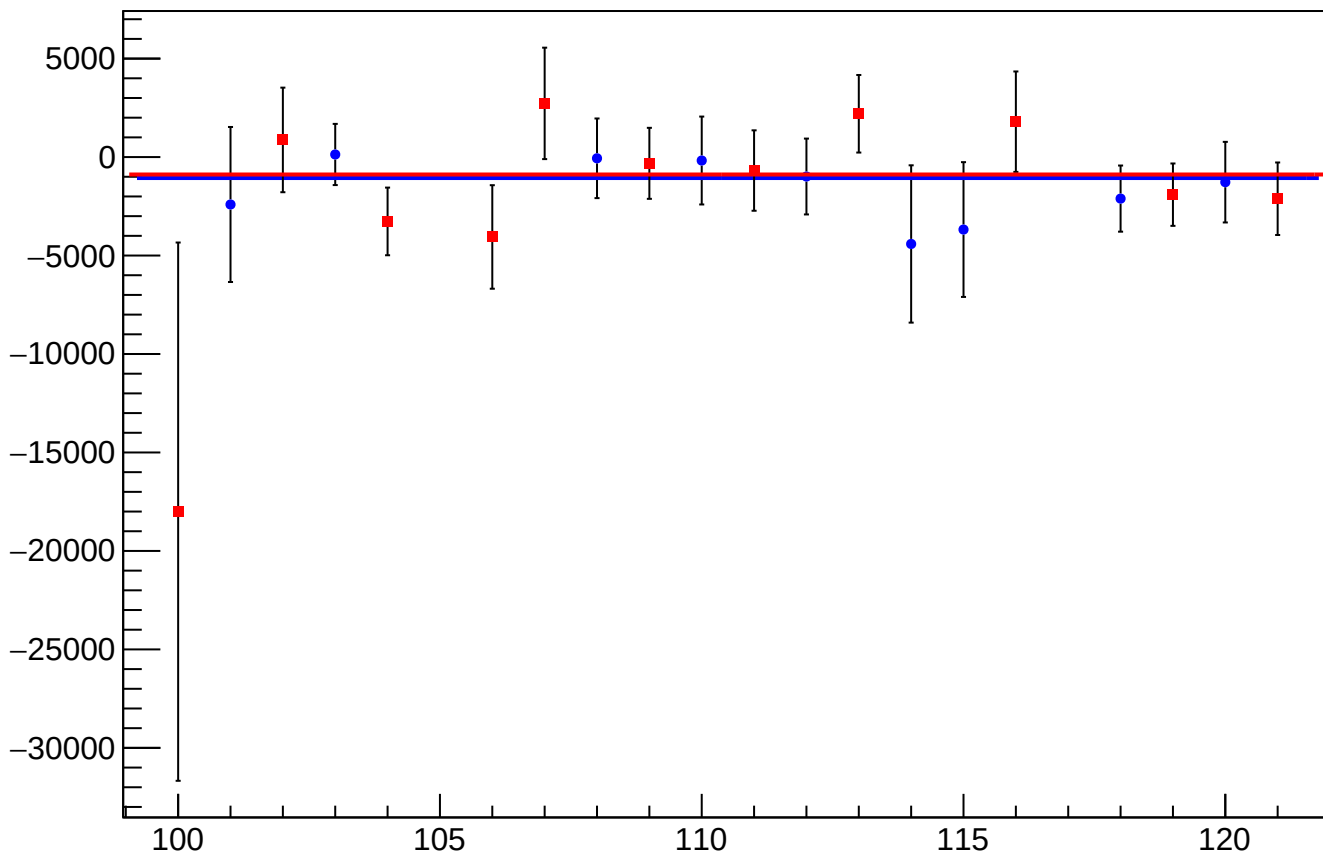
Right: 455.967+/-0.128 χ^2/NDF : 3582354.5/19

In: 476.378+/-0.197 χ^2/NDF :1496461.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 455.967+/-0.128 χ^2/NDF : 3582354.5/19

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

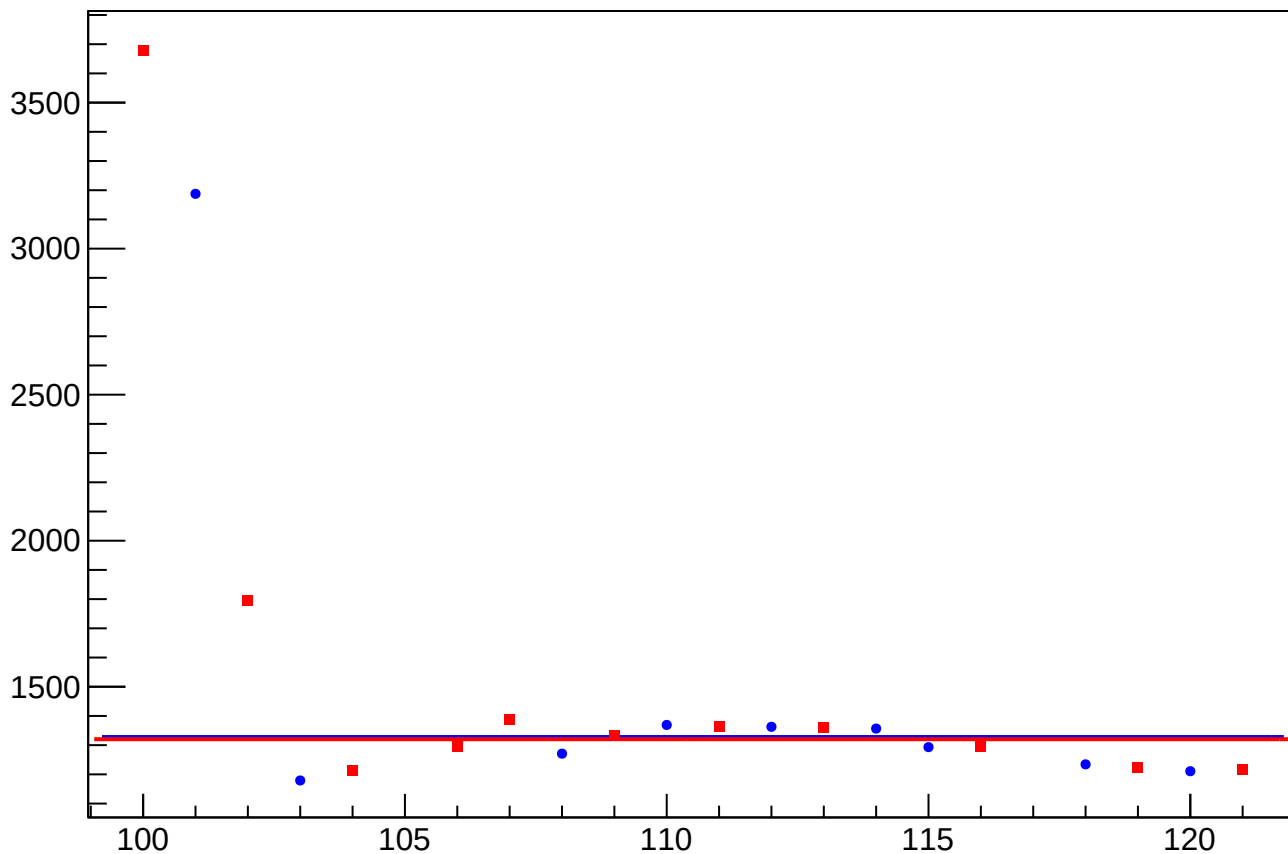
Right: -964.799+/-479.772 χ^2/NDF : 14.4/19

In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.799+/-479.772 χ^2/NDF : 14.4/19

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.409+/-0.456 χ^2/NDF : 148563.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

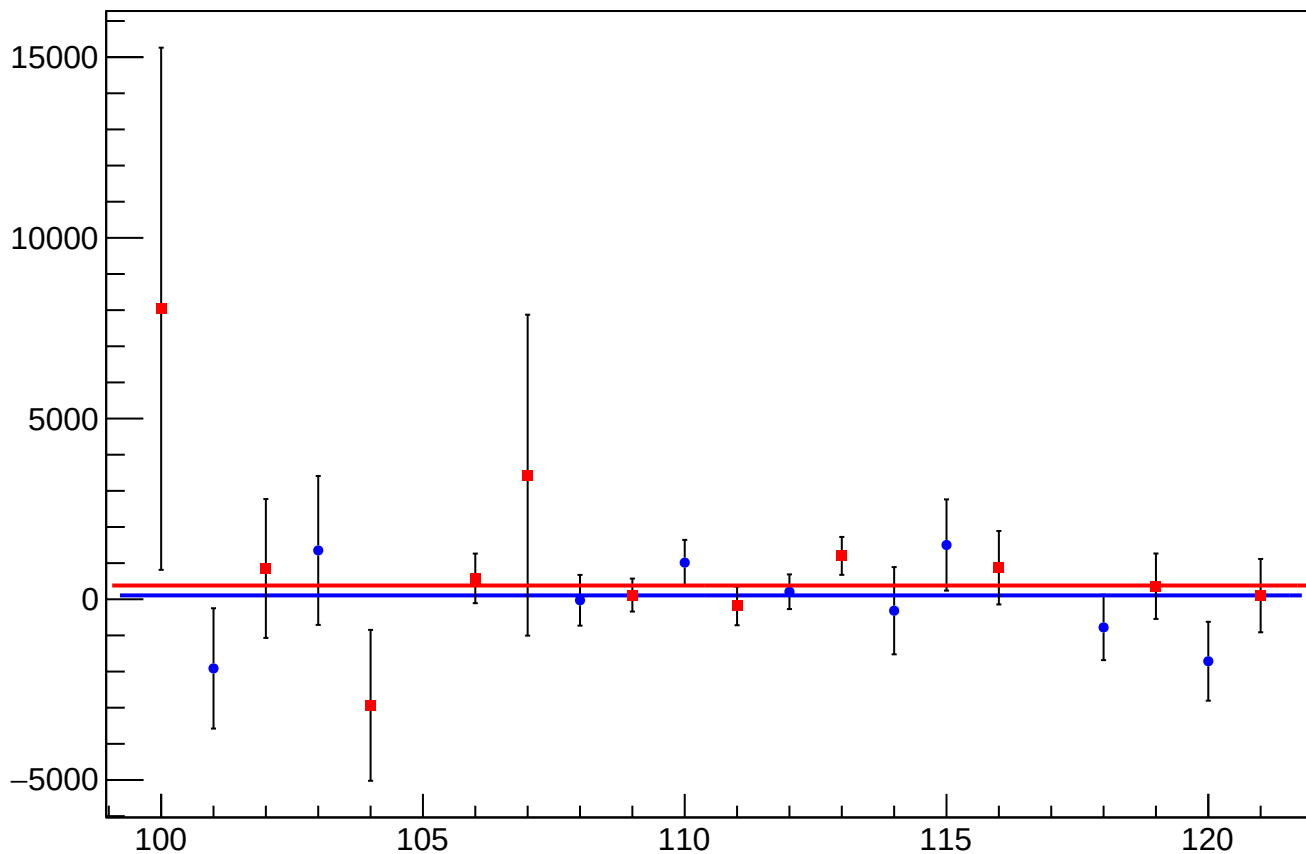
Right: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.098 $\pm$ 278.691 χ^2/NDF : 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 381.029 $\pm$ 237.056 χ^2/NDF : 8.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

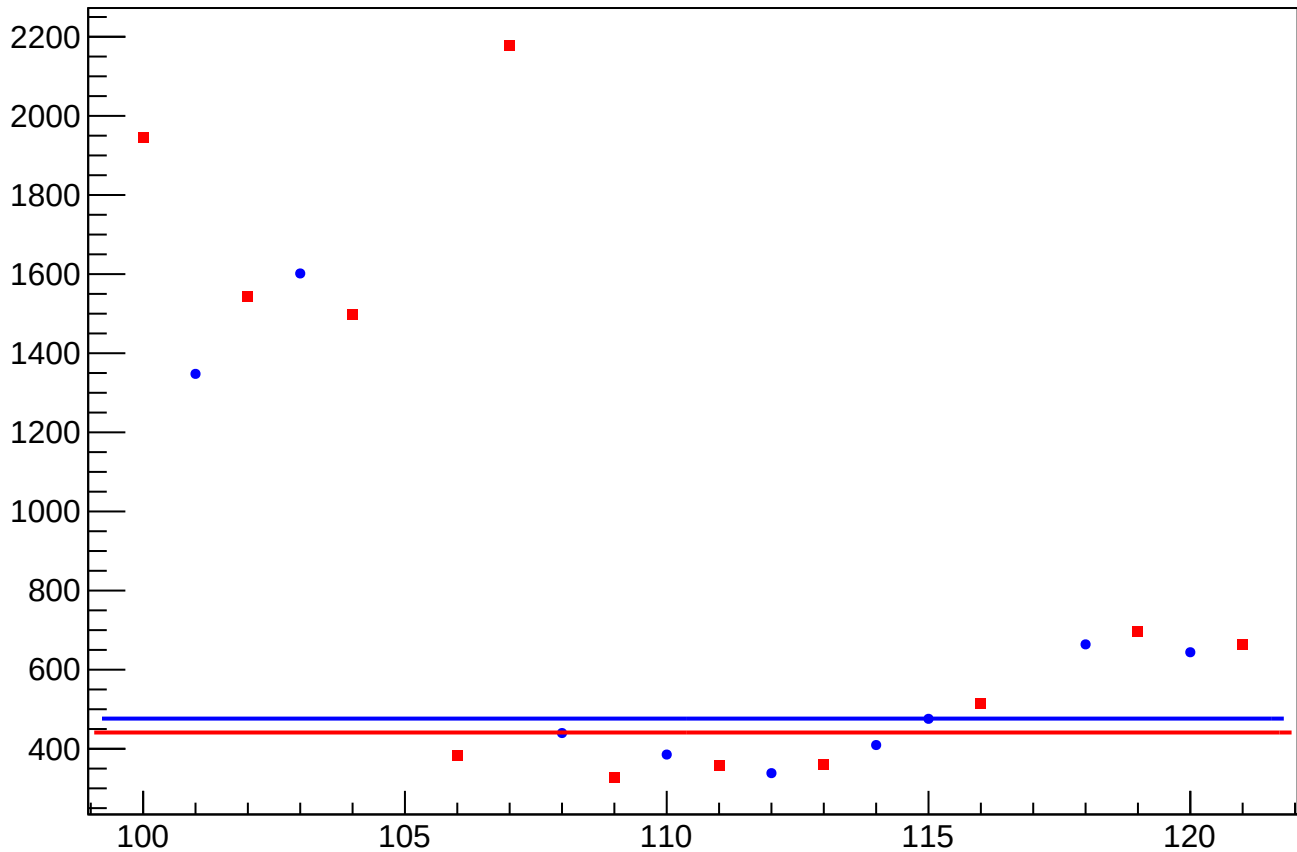
Right: 266.034 $\pm$ 180.568 χ^2/NDF : 18.1/19

In: 107.098 $\pm$ 278.691 χ^2/NDF : 9.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 266.034 $\pm$ 180.568 χ^2/NDF : 18.1/19

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.198+/-0.168 χ^2/NDF : 2067411.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

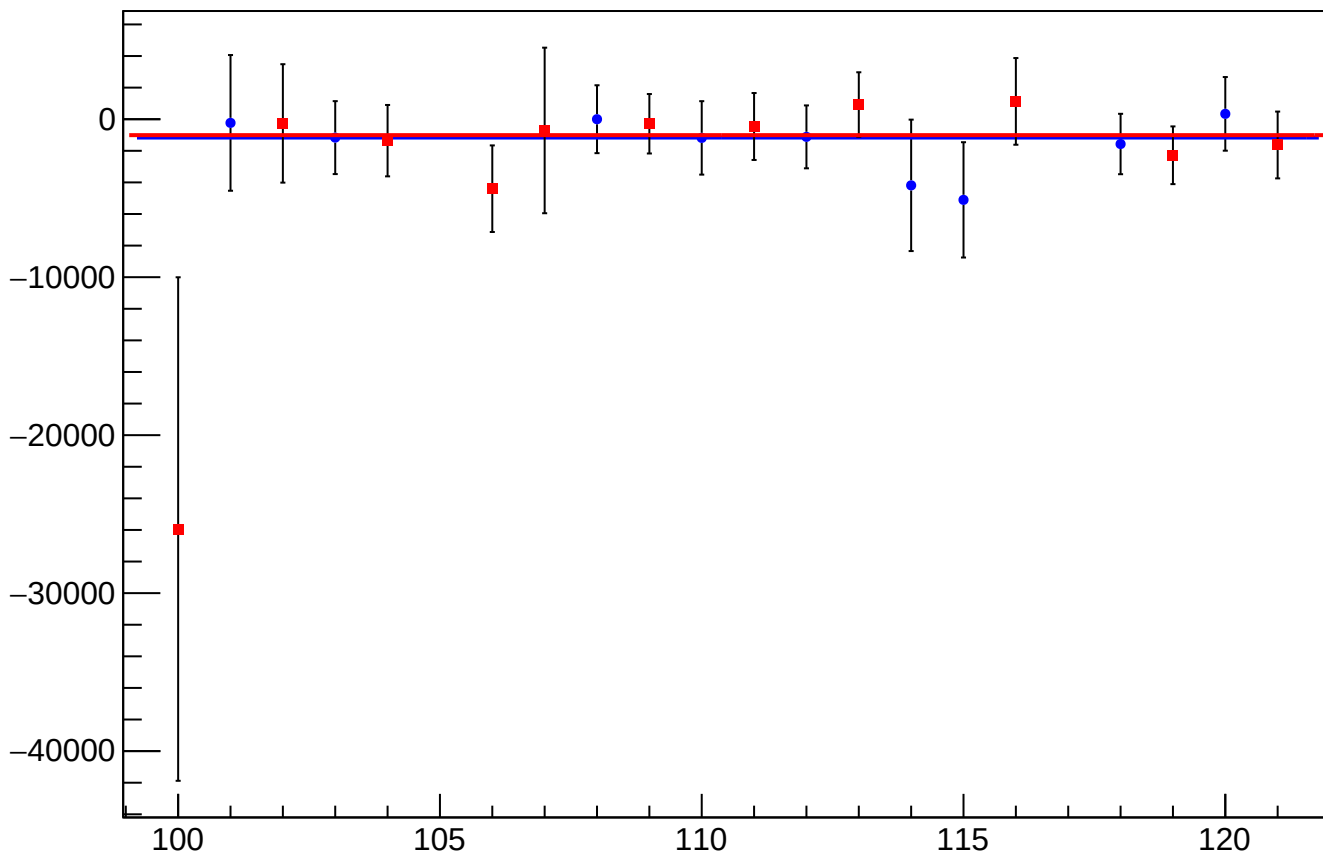
Right: 455.965+/-0.128 χ^2/NDF : 3582369.7/19

In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.965+/-0.128 χ^2/NDF : 3582369.7/19

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1008.451+/-736.822 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

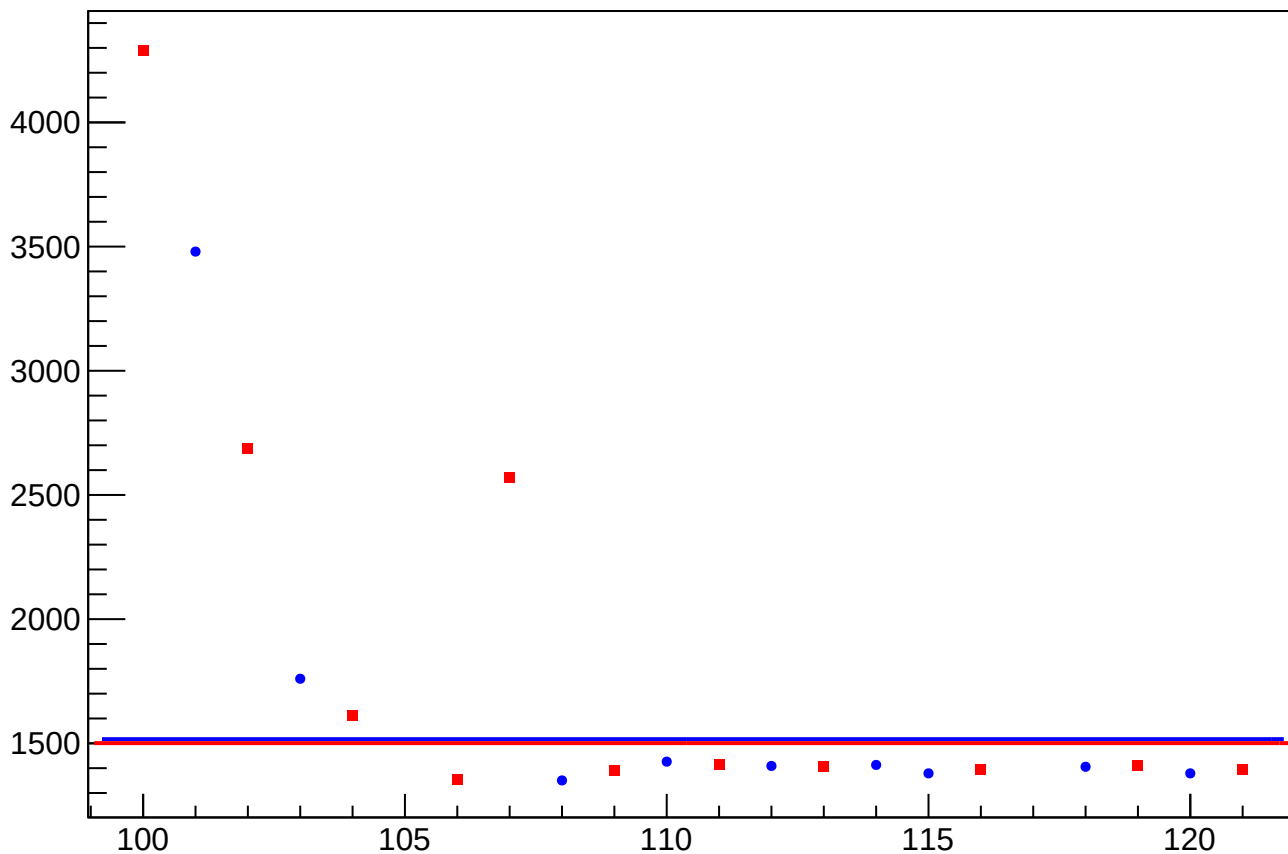
Right: -1076.202+/-548.152 χ^2/NDF : 8.9/19

In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1076.202+/-548.152 χ^2/NDF : 8.9/19

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.785+/-0.521 χ^2/NDF : 382080.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

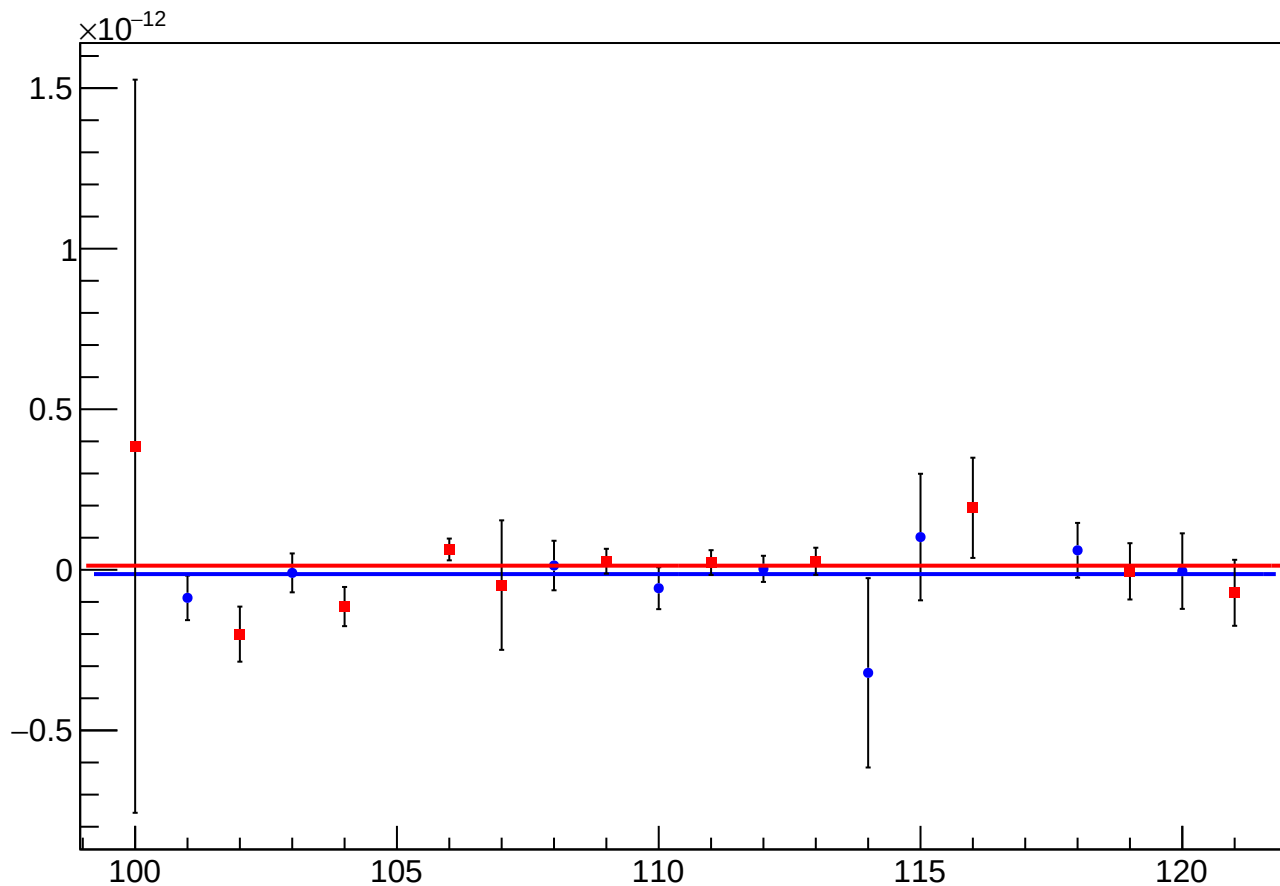
Right: 1507.923+/-0.388 χ^2/NDF : 861095.2/19

In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.923+/-0.388 χ^2/NDF : 861095.2/19

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

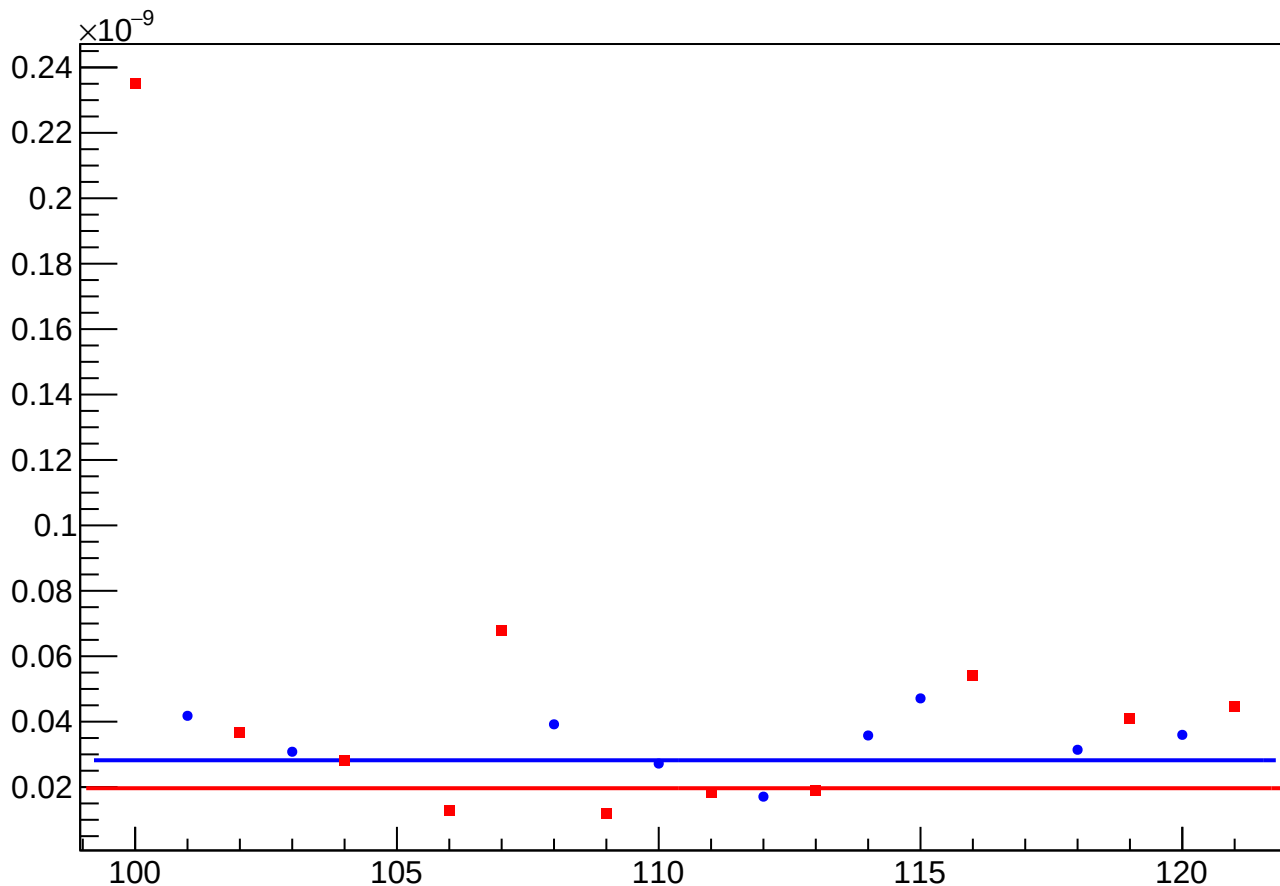
Right: 0.000+/-0.000 χ^2/NDF : 20.2/19

In: -0.000+/-0.000 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.2/19

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 803887.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

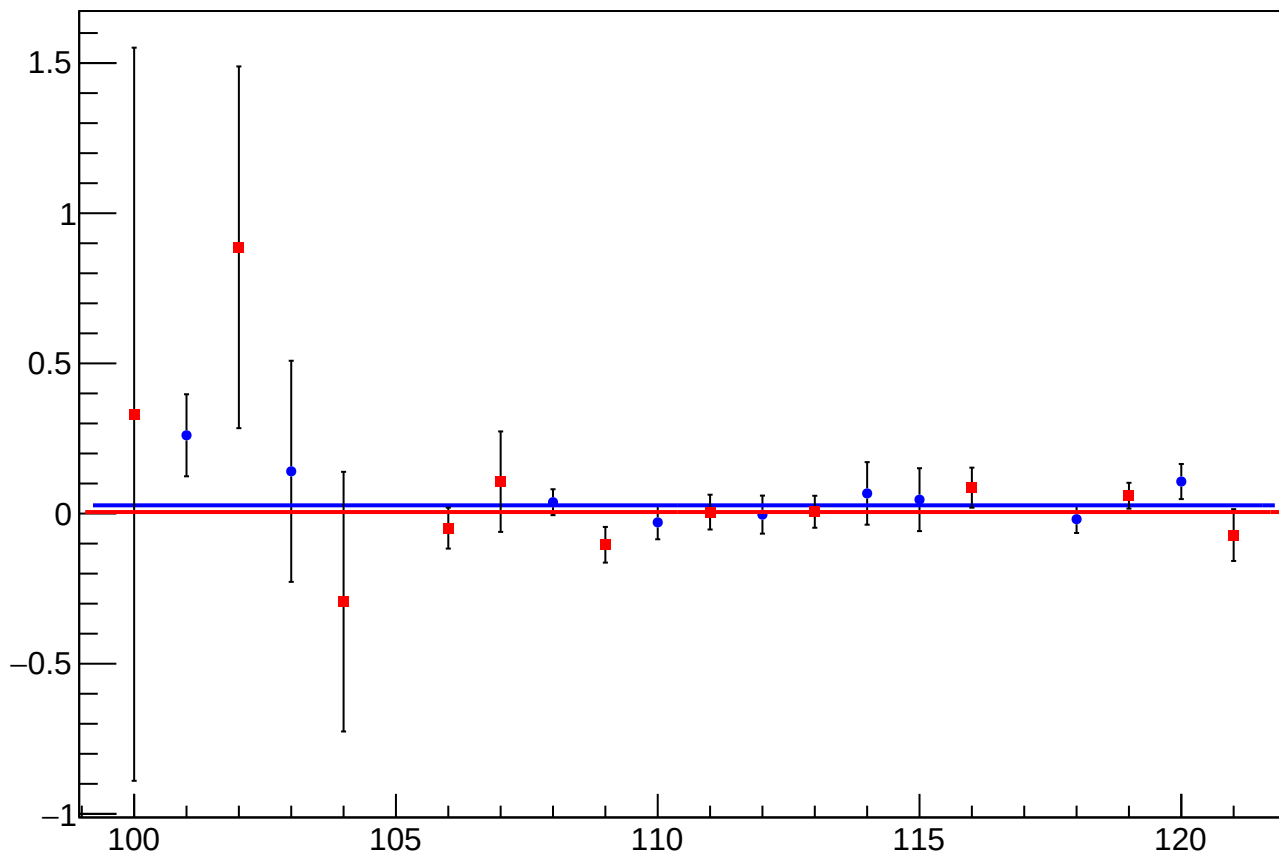
Right: 0.000+/-0.000 χ^2/NDF : 1274721.7/19

In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1274721.7/19

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

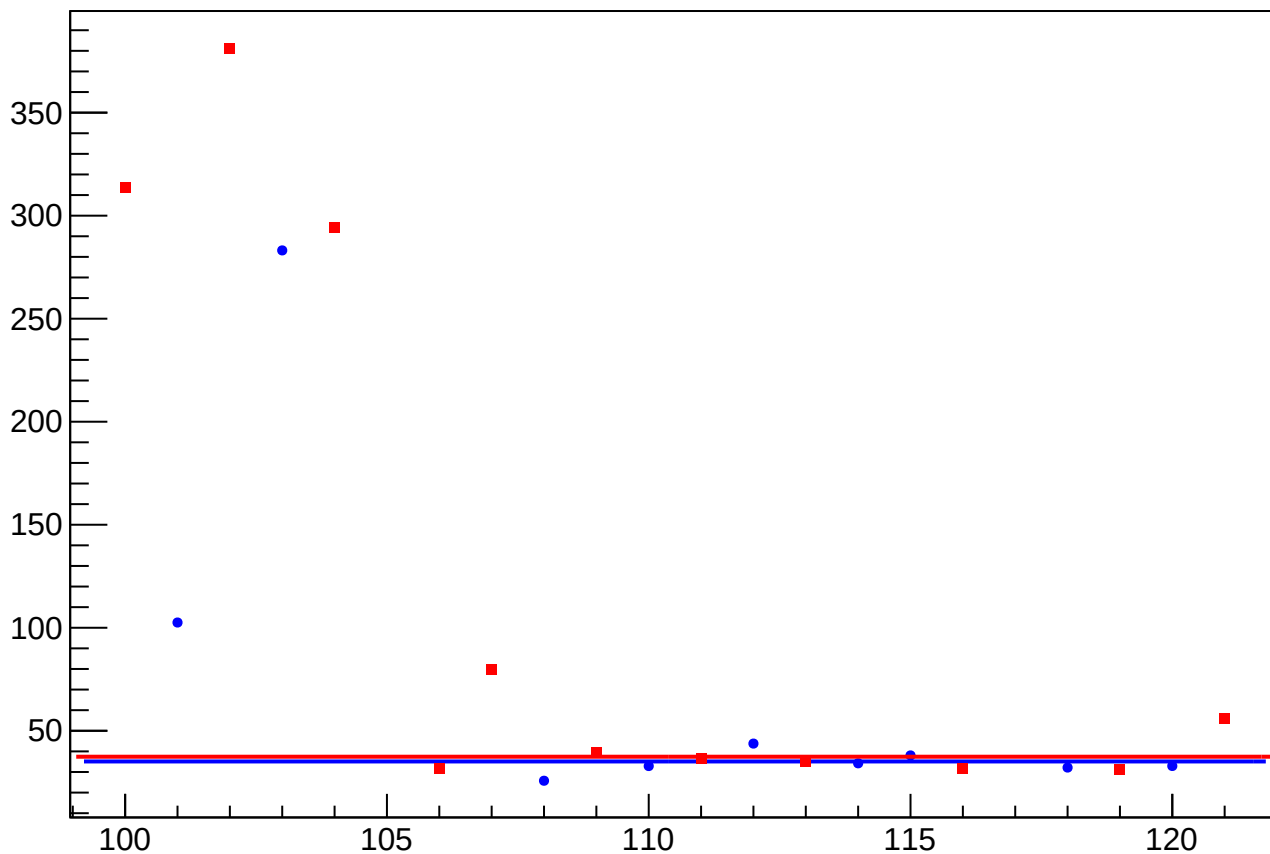
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

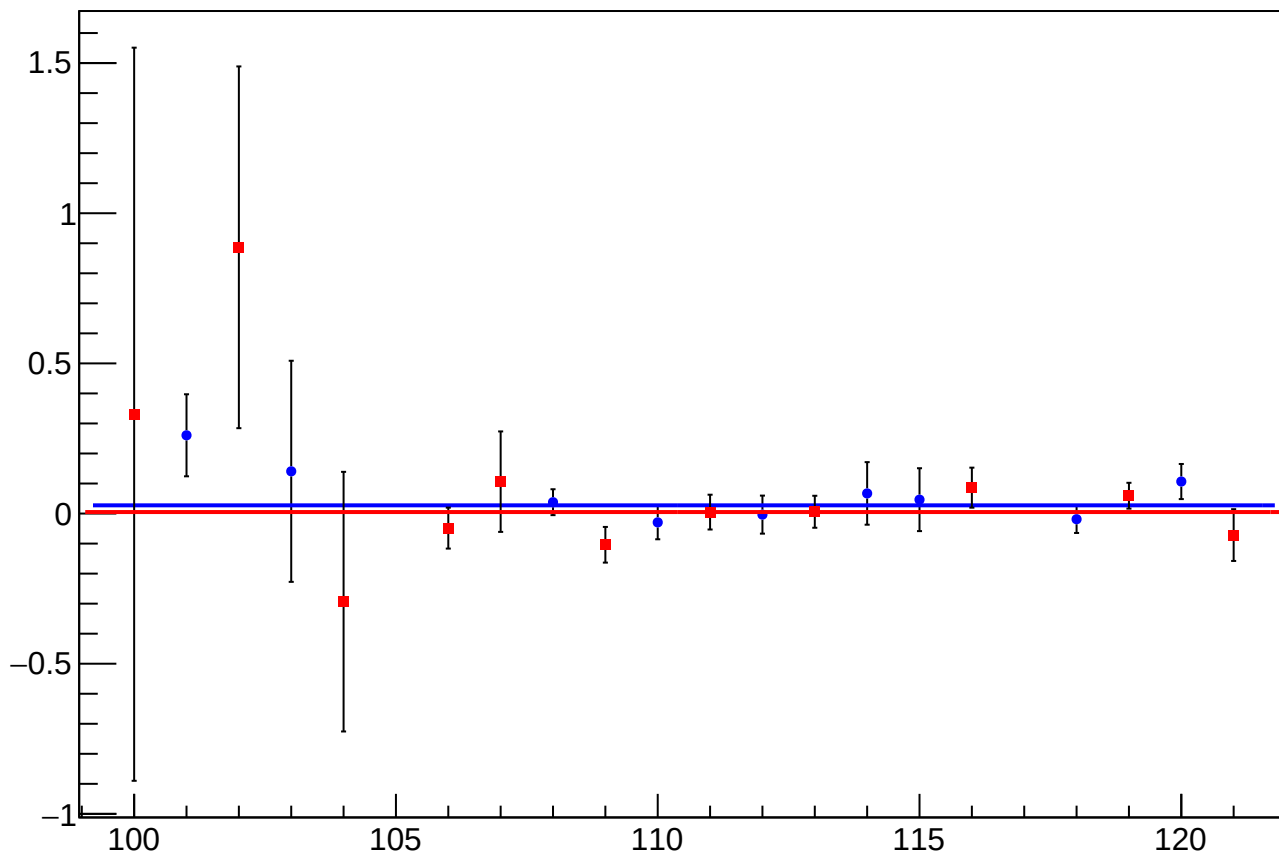
Right: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

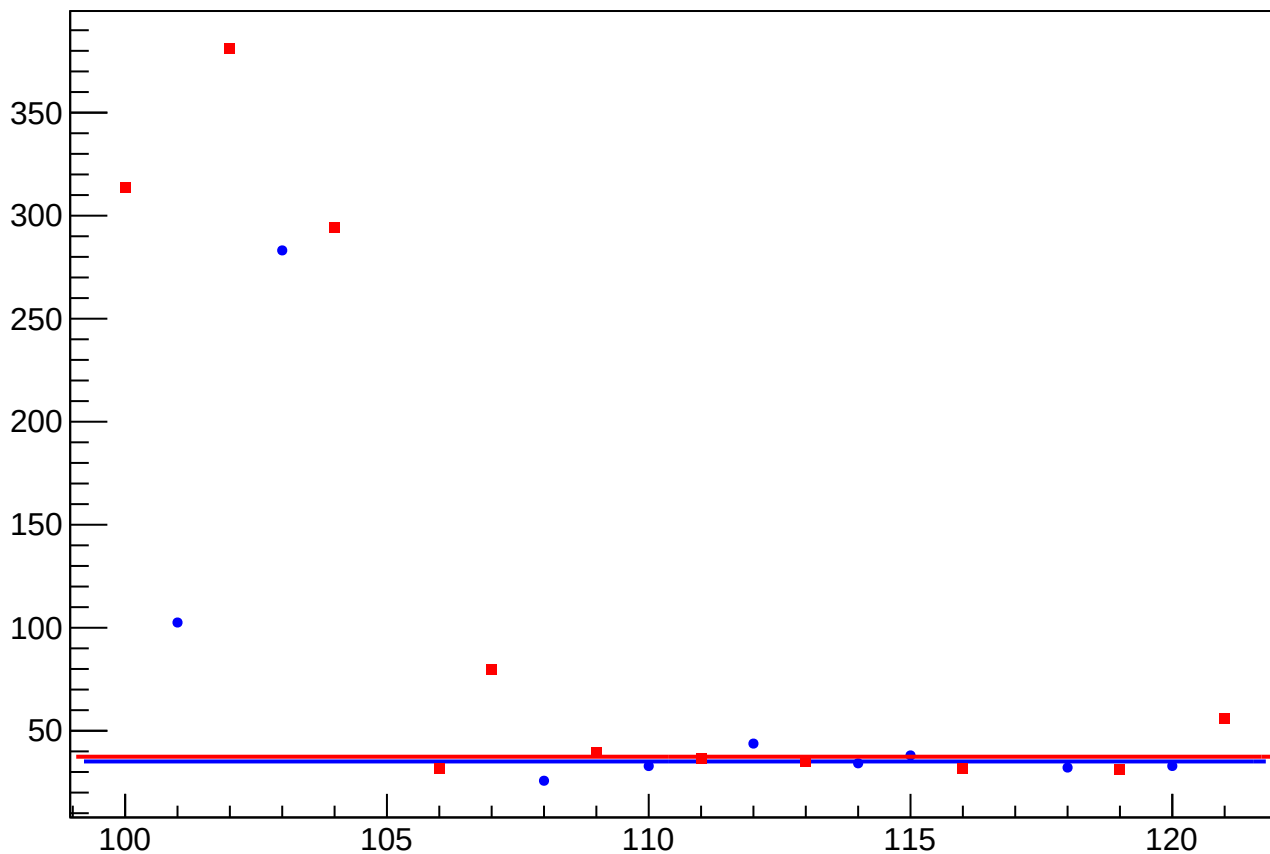
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

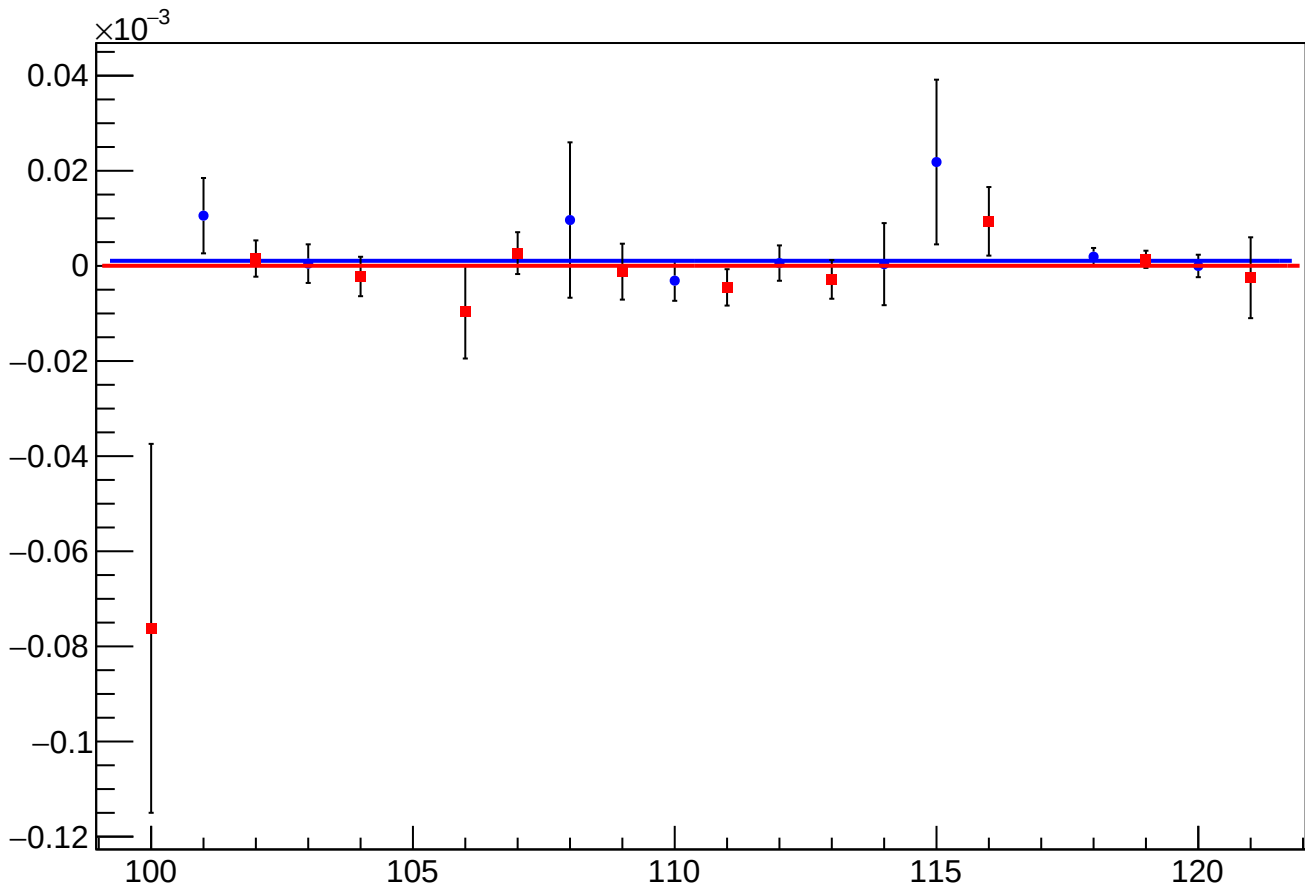
Right: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

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 : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

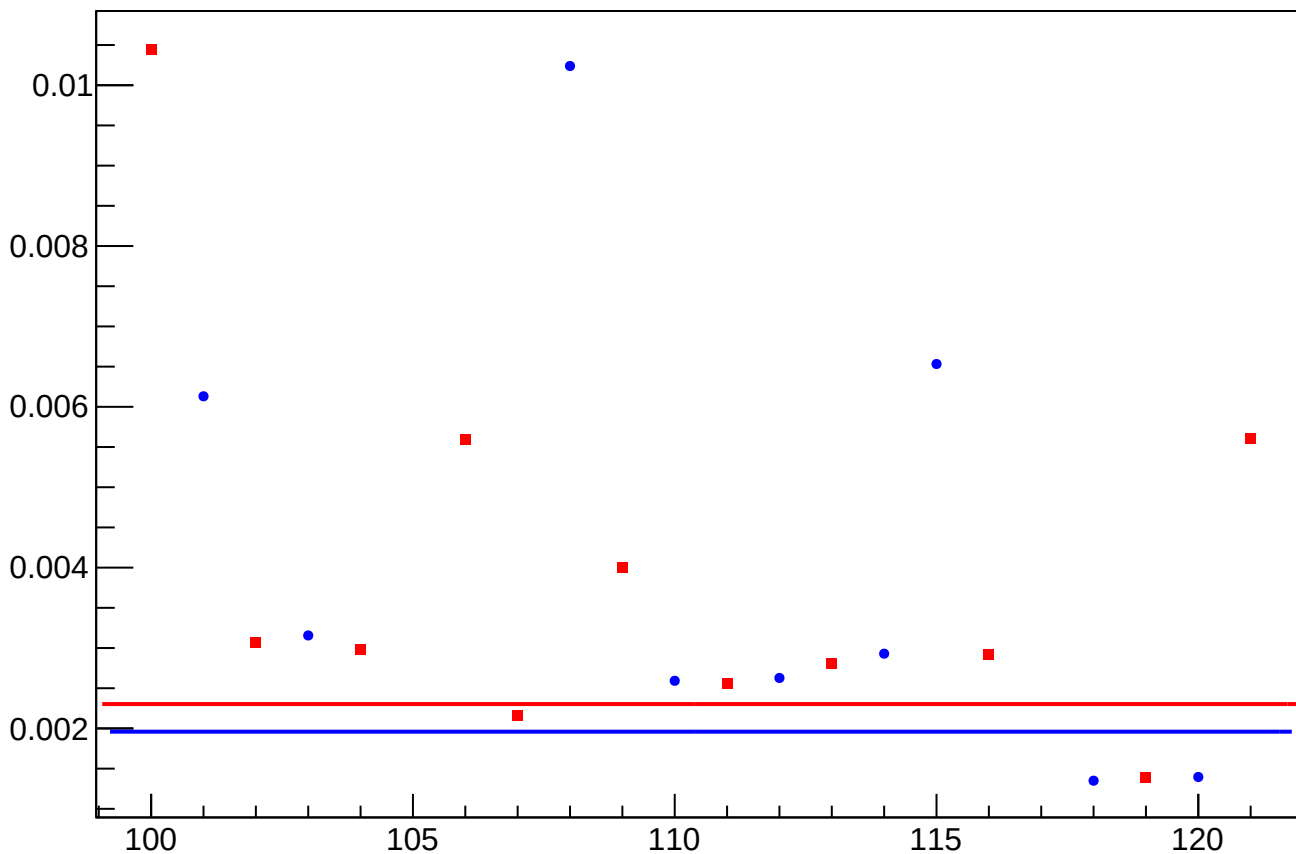
Right: 0.000+/-0.000 χ^2/NDF : 14.9/19

In: 0.000+/-0.000 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/19

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 : 1850614.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1480434.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

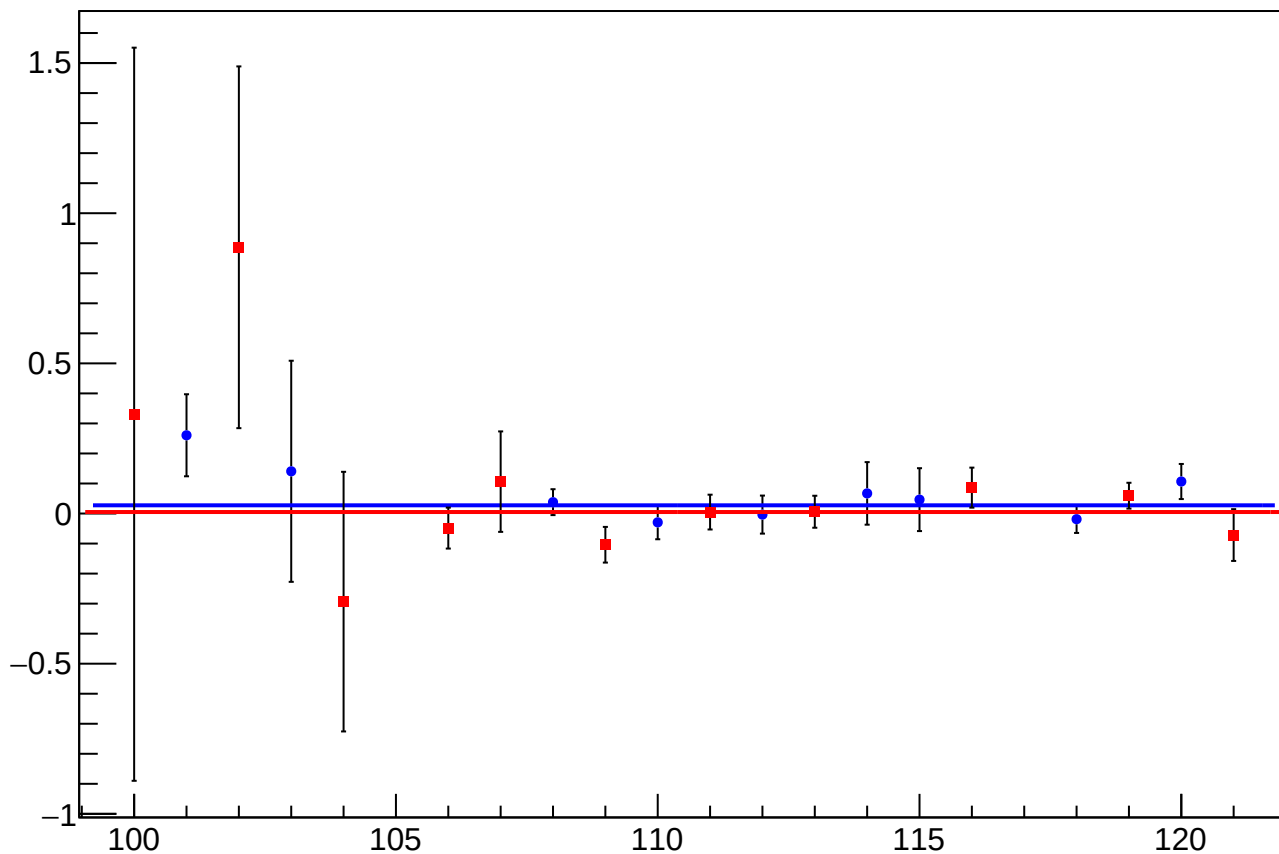
Right: 0.002+/-0.000 χ^2/NDF : 3412869.1/19

In: 0.002+/-0.000 χ^2/NDF : 1850614.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3412869.1/19

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

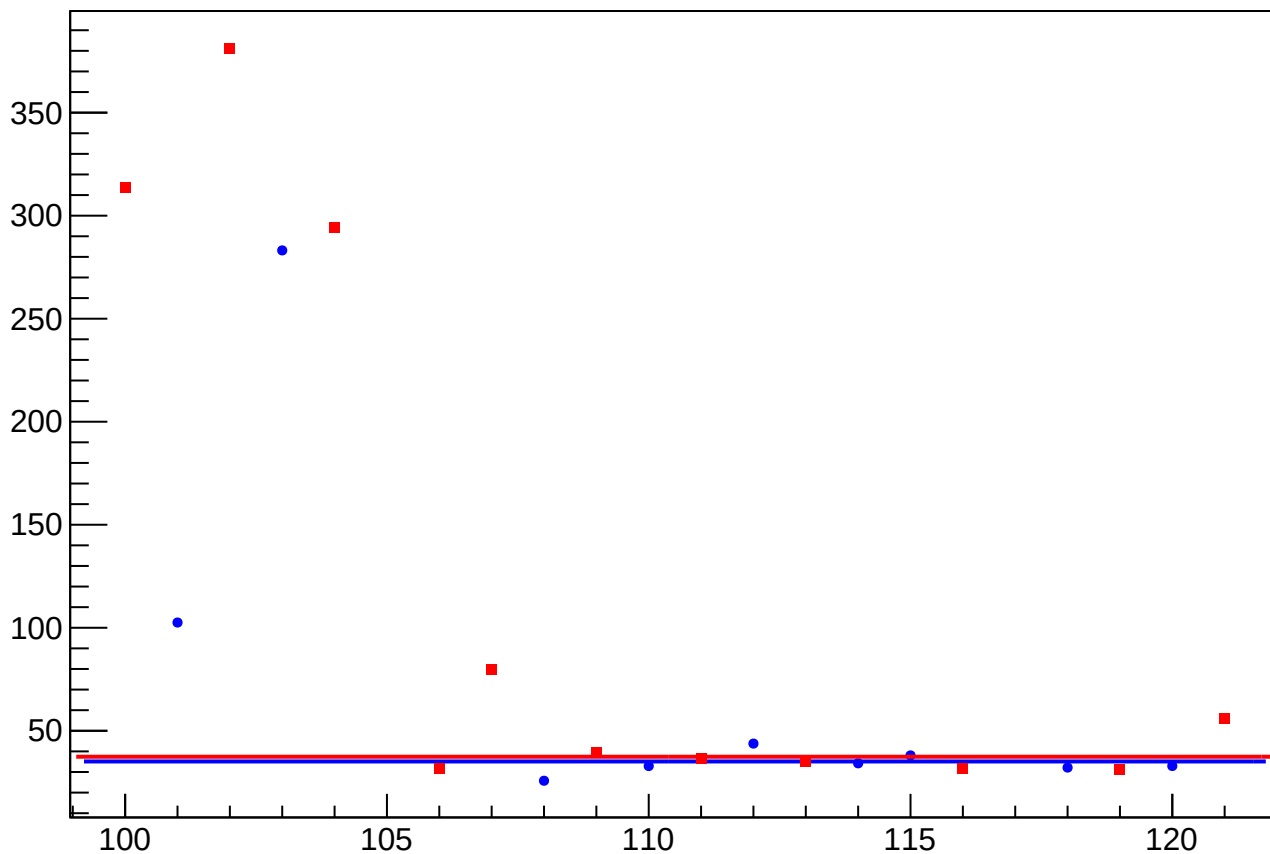
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

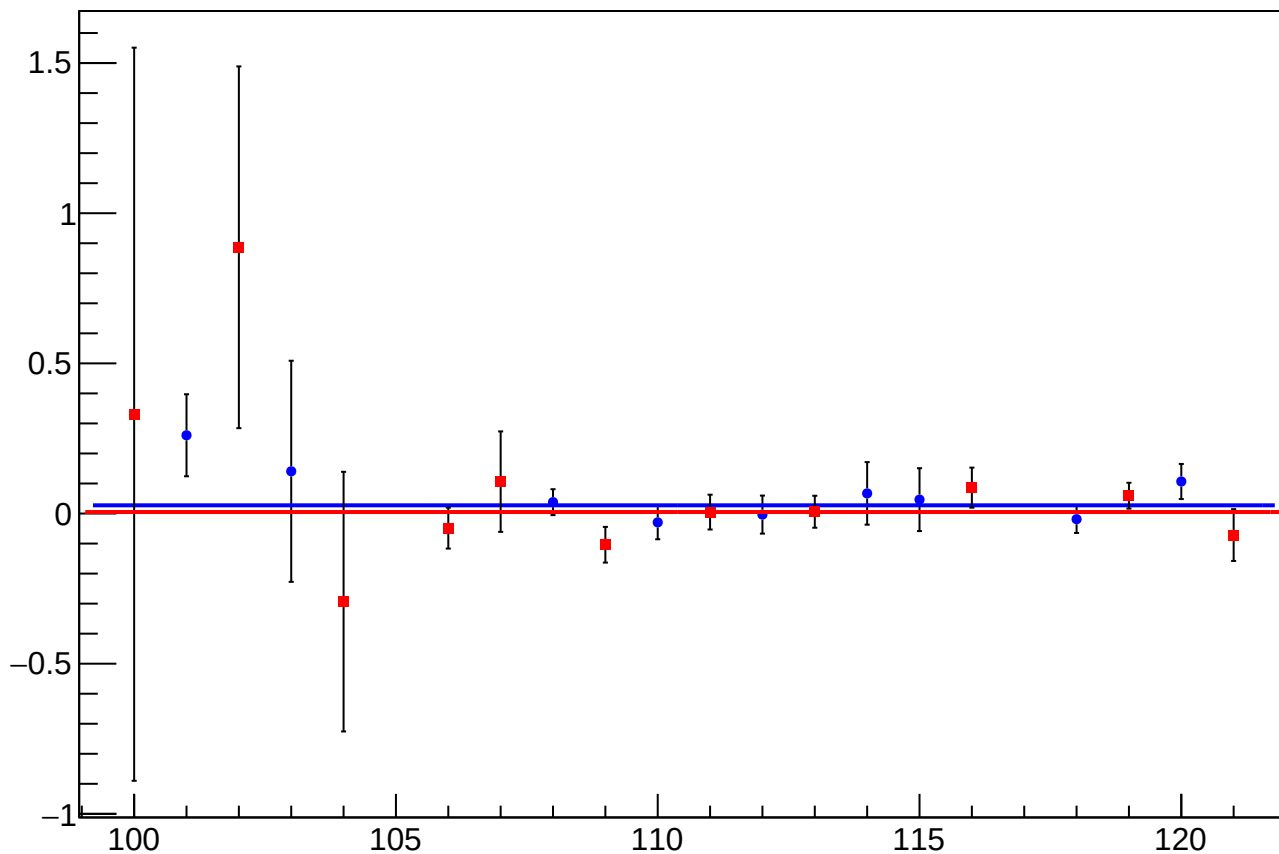
Right: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

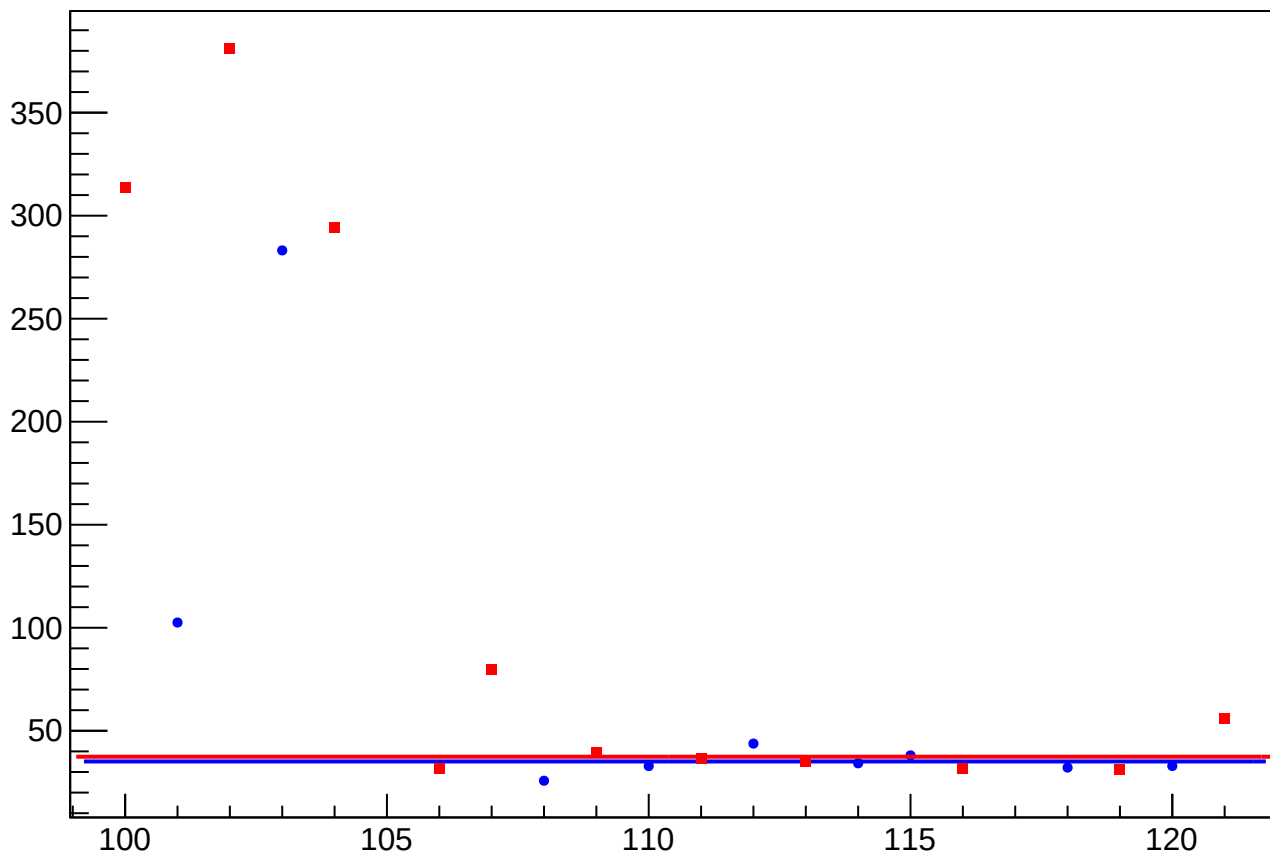
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

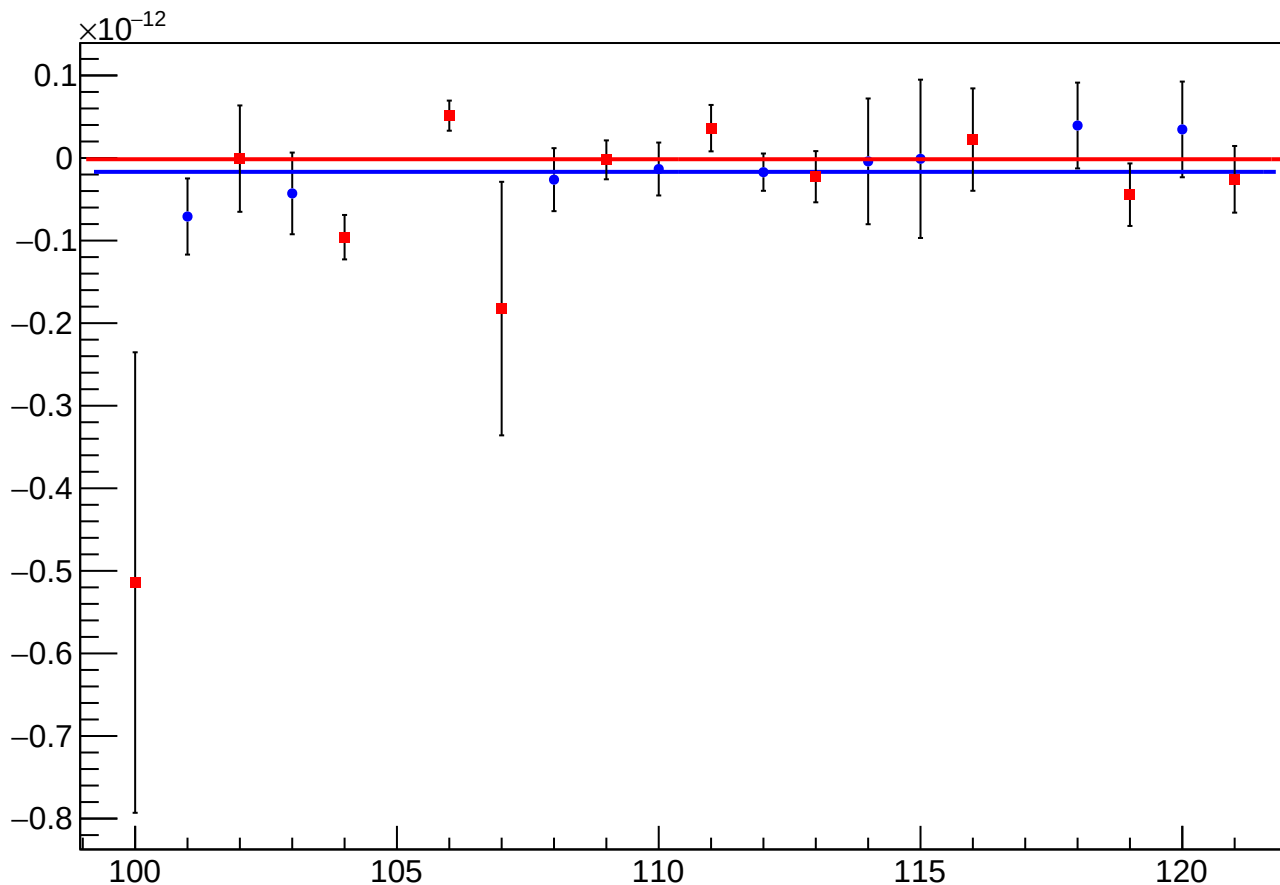
Right: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

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 : 3.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 29.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

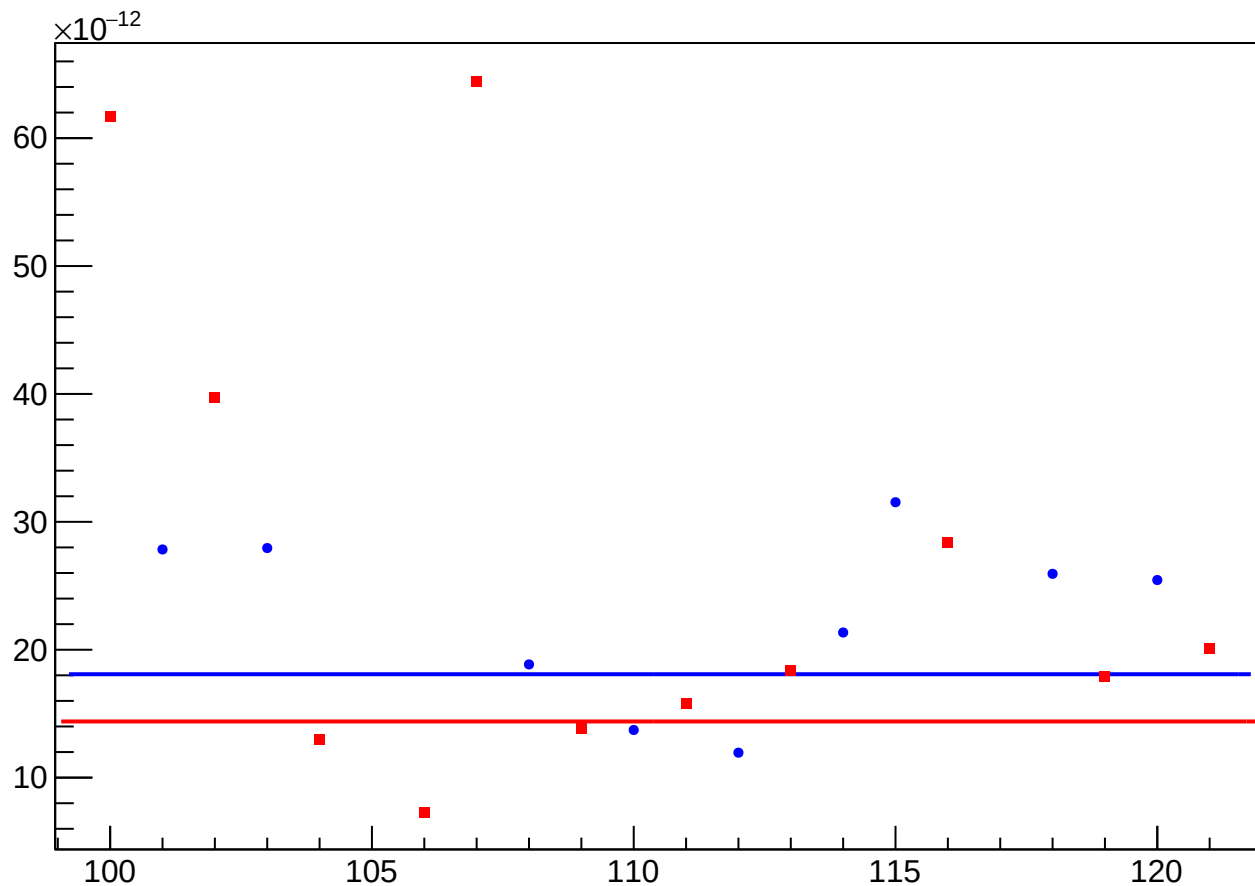
Right: -0.000 ± 0.000 χ^2/NDF : 34.1/19

In: -0.000 ± 0.000 χ^2/NDF : 3.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.1/19

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 : 475450.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1089962.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

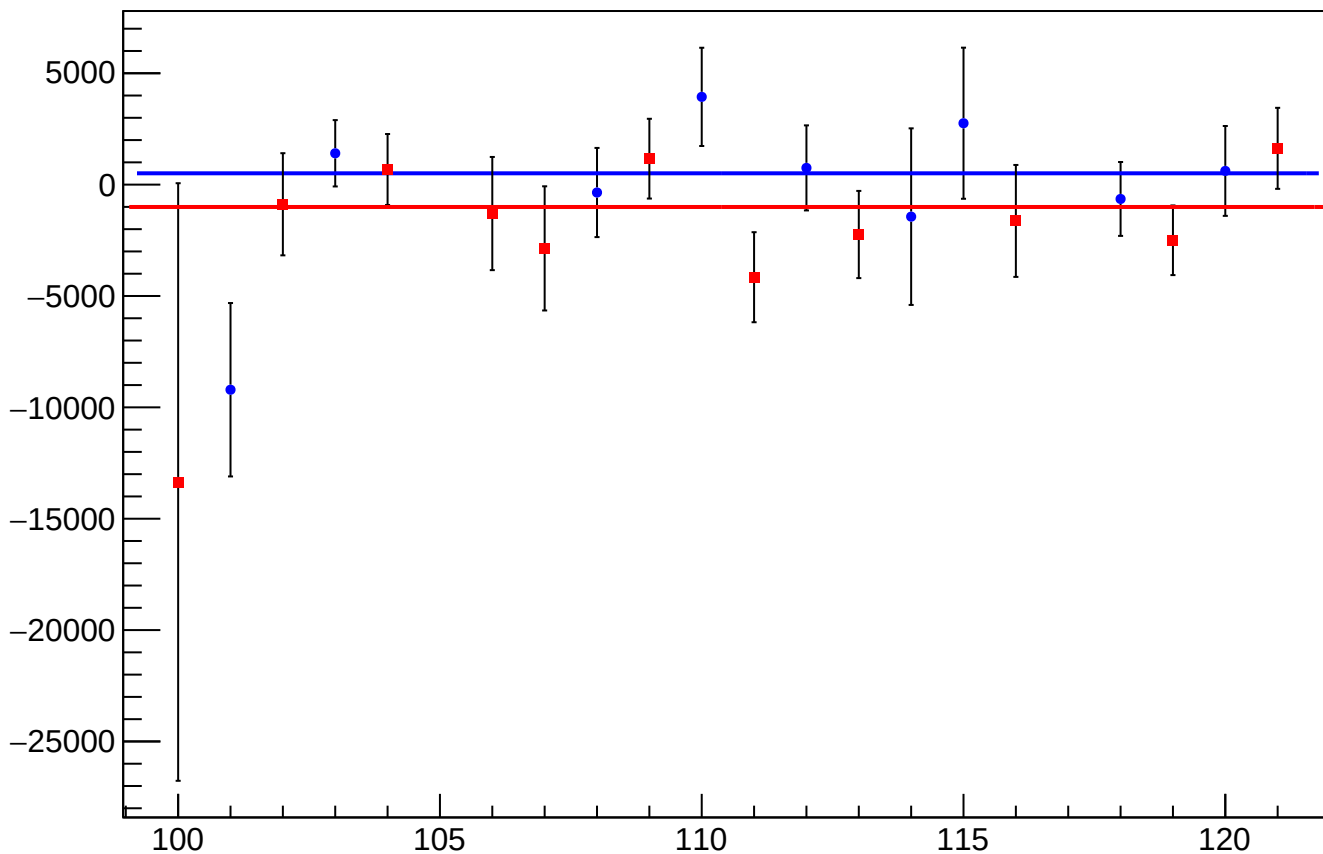
Right: 0.000+/-0.000 χ^2/NDF : 1662868.0/19

In: 0.000+/-0.000 χ^2/NDF : 475450.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1662868.0/19

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 508.145+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1003.835+/-624.921 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

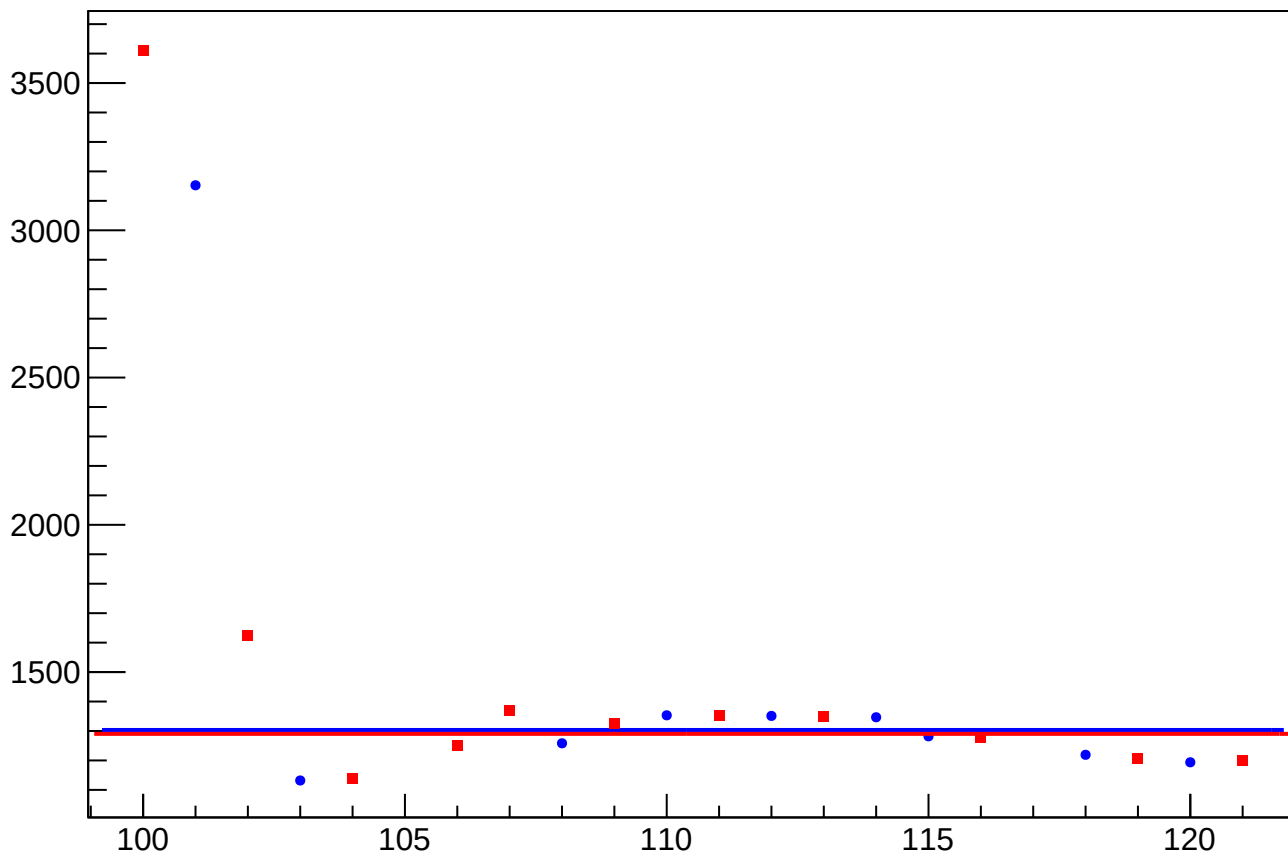
Right: -339.678+/-467.955 χ^2/NDF : 22.7/19

In: 508.145+/-706.061 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -339.678+/-467.955 χ^2/NDF : 22.7/19

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1290.234+/-0.442 χ^2/NDF : 137036.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

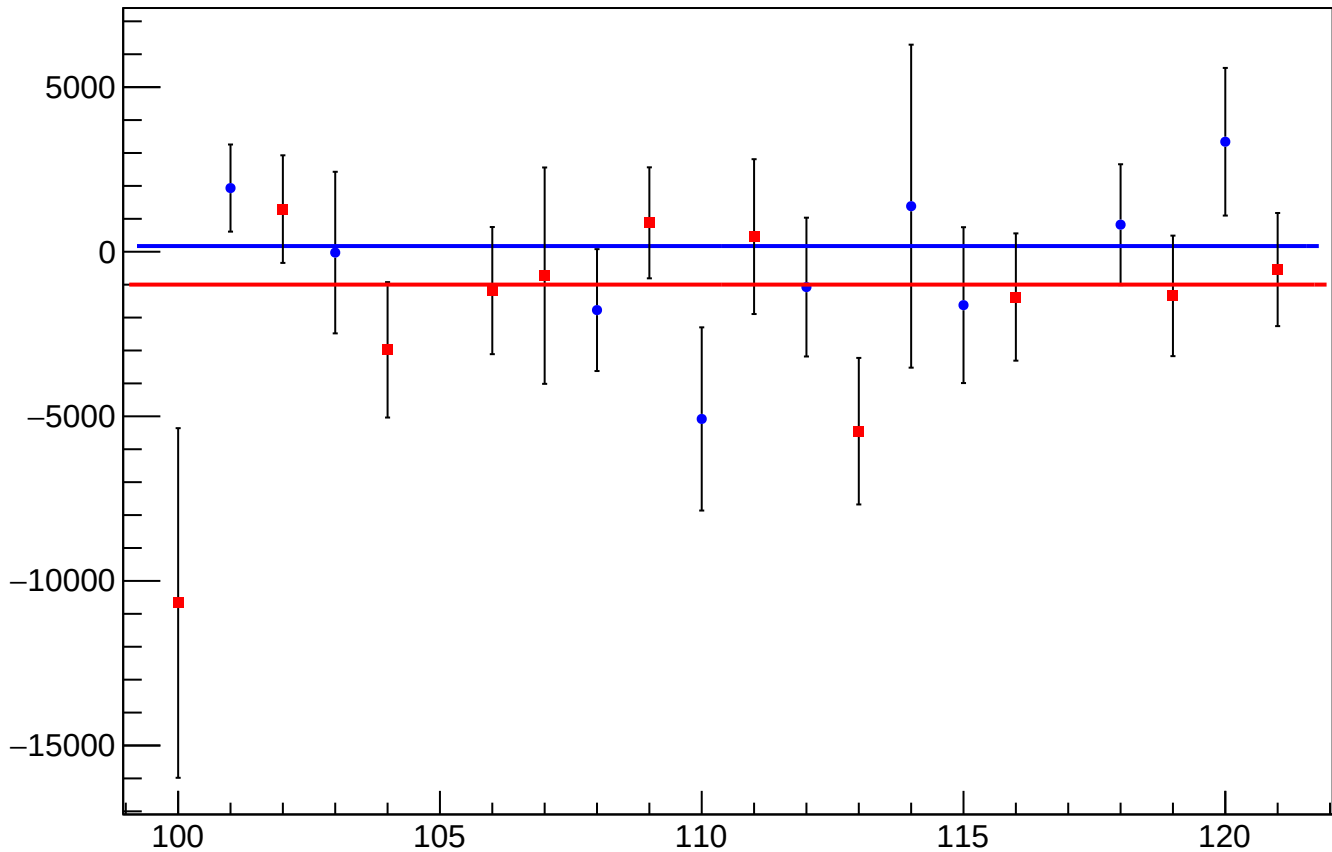
Right: 1296.039+/-0.331 χ^2/NDF : 630001.1/19

In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.039+/-0.331 χ^2/NDF : 630001.1/19

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 172.547+/-690.372 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -998.415+/-614.768 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

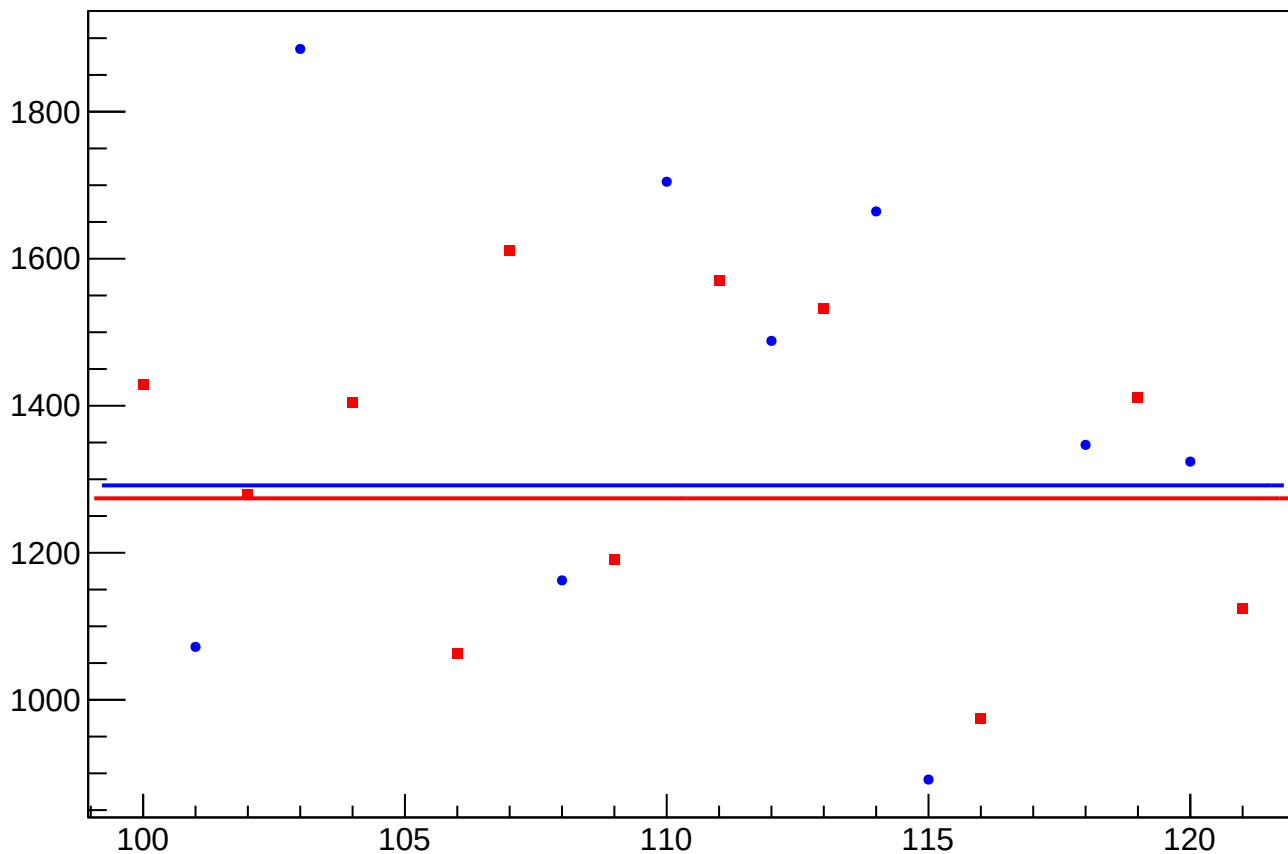
Right: -480.538+/-459.119 χ^2/NDF : 23.2/19

In: 172.547+/-690.372 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -480.538+/-459.119 χ^2/NDF : 23.2/19

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.073+/-0.435 χ^2/NDF : 192449.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

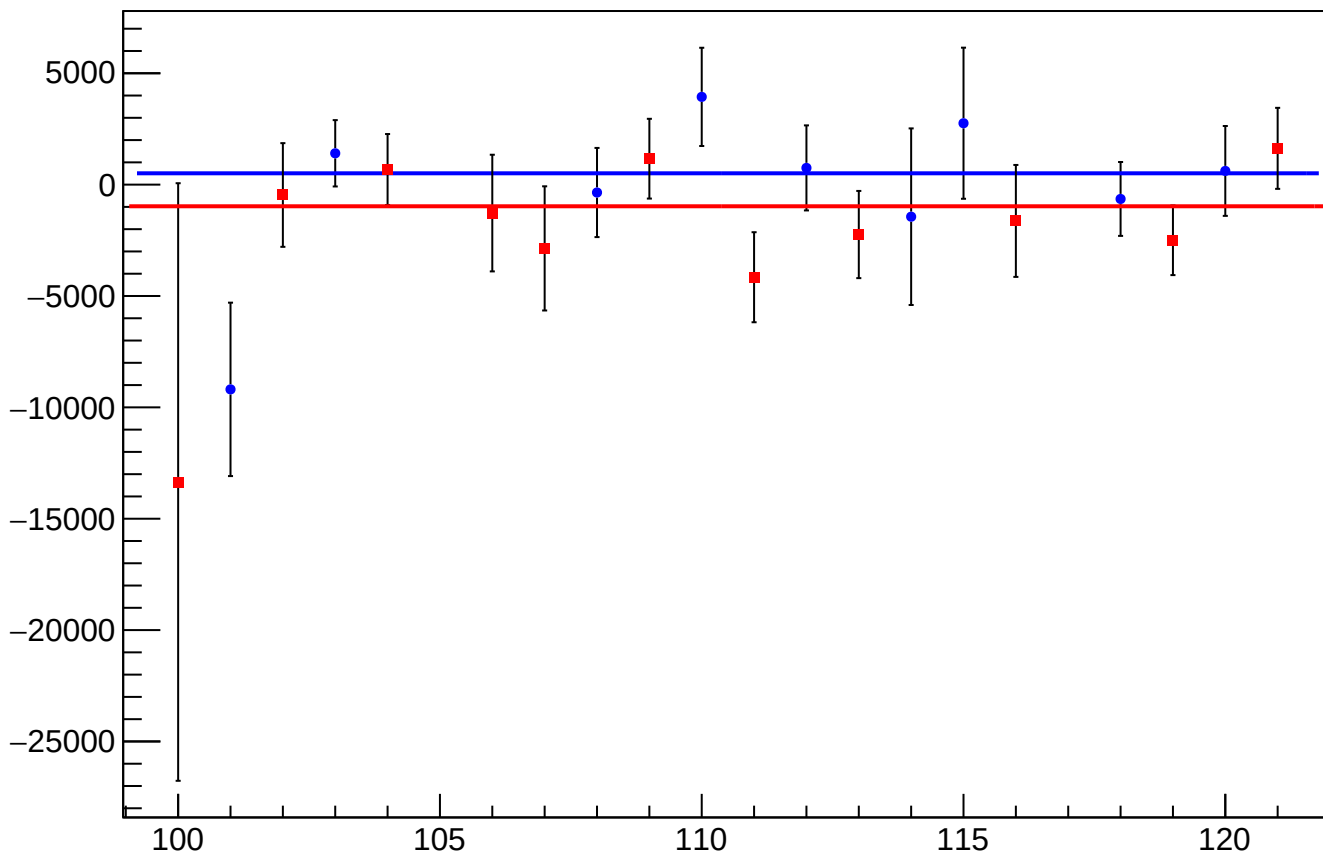
Right: 1281.847+/-0.325 χ^2/NDF : 507322.5/19

In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.847+/-0.325 χ^2/NDF : 507322.5/19

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2 /NDF: 10.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -971.807+/-626.721 χ^2 /NDF: 9.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

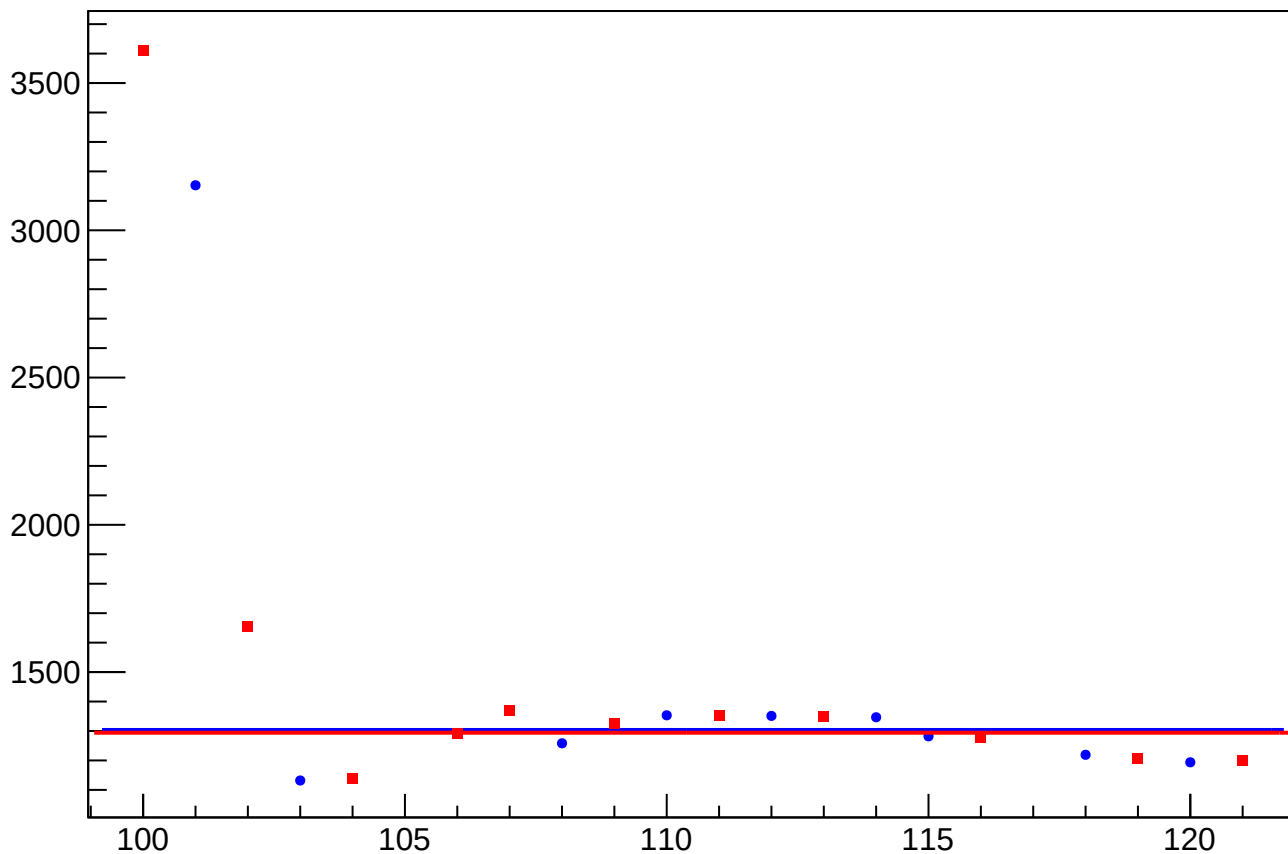
Right: -319.361+/-468.710 χ^2 /NDF: 22.7/19

In: 508.733+/-706.061 χ^2 /NDF:10.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -319.361+/-468.710 χ^2 /NDF: 22.7/19

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

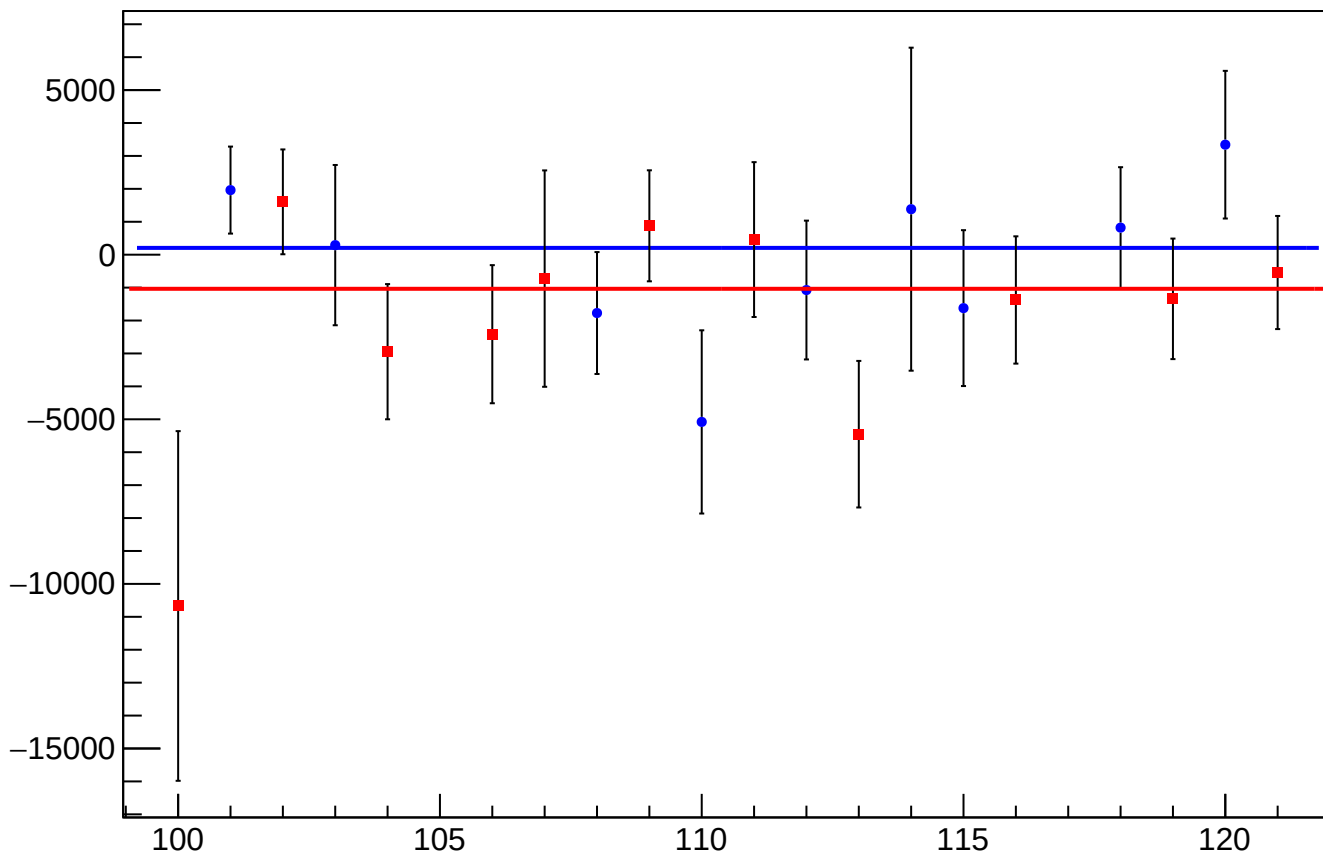
Right: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1035.991+/-617.100 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

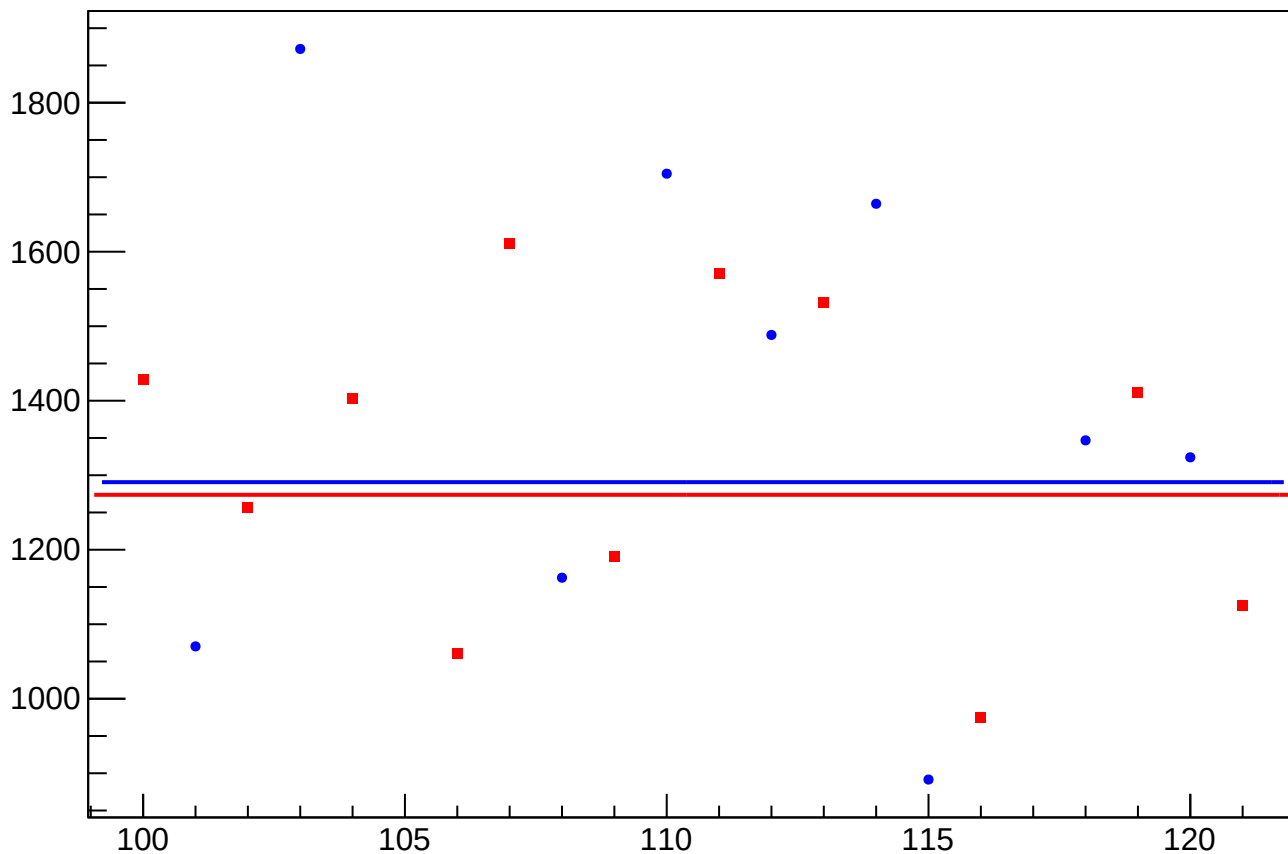
Right: -483.411+/-459.865 χ^2/NDF : 24.5/19

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.411+/-459.865 χ^2/NDF : 24.5/19

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

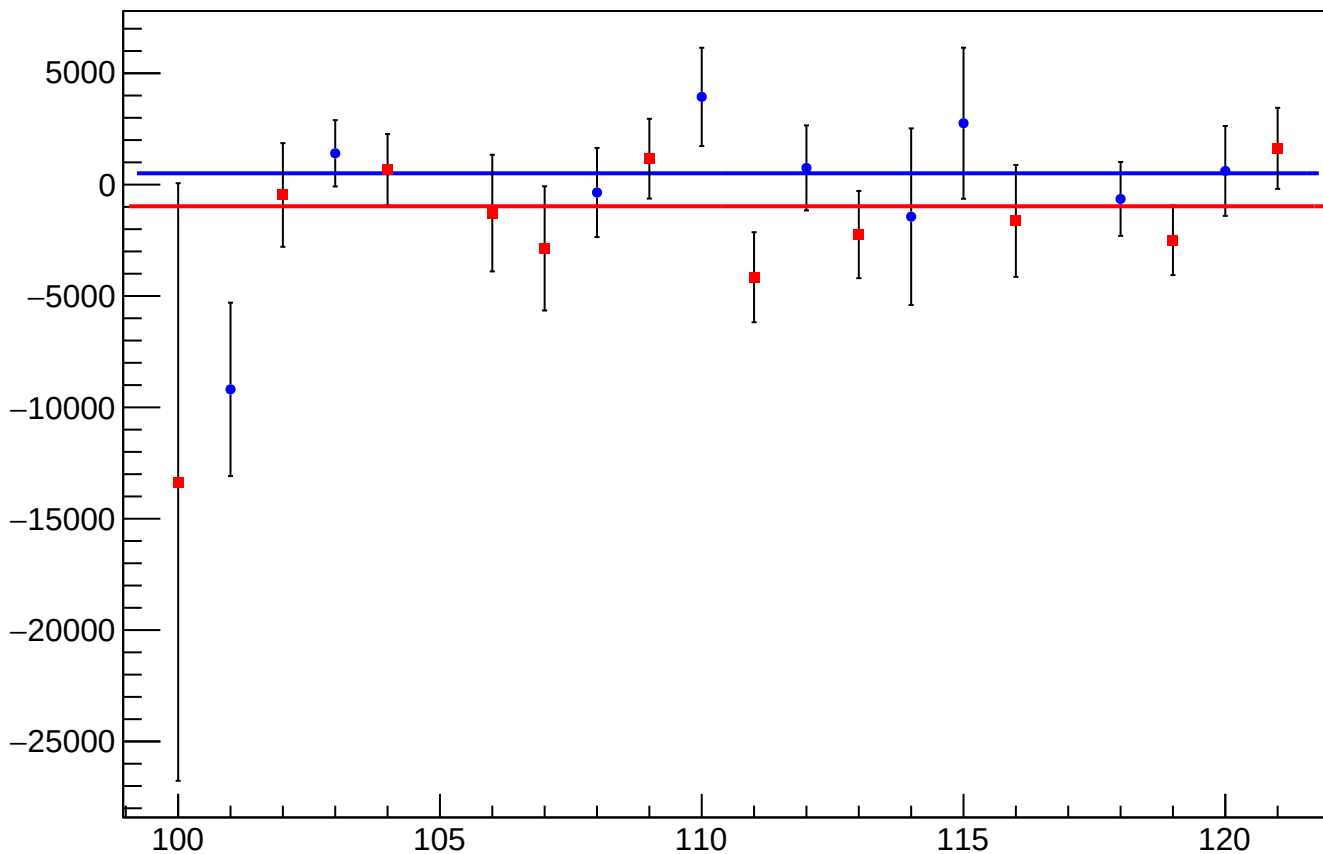
Right: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2 /NDF: 10.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -971.807+/-626.721 χ^2 /NDF: 9.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

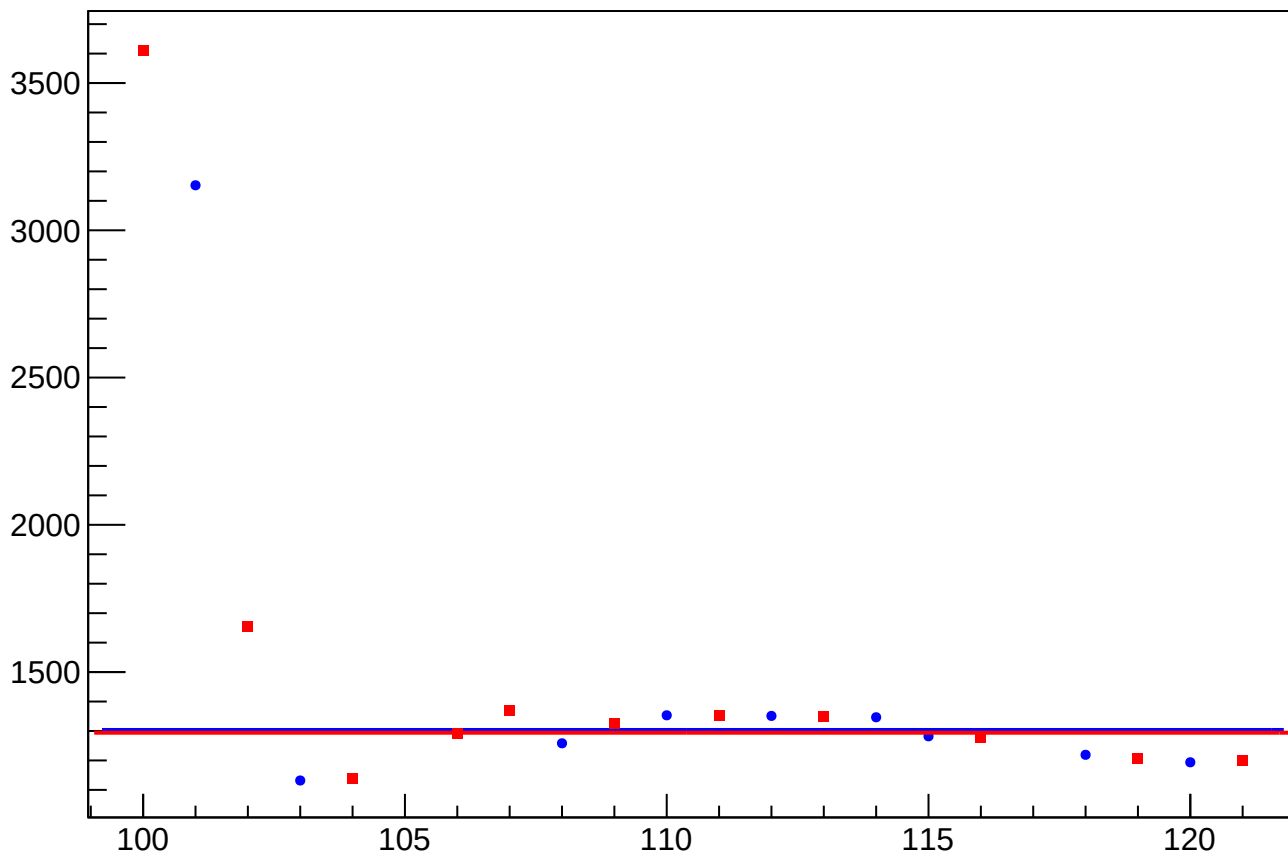
Right: -319.361+/-468.710 χ^2 /NDF: 22.7/19

In: 508.733+/-706.061 χ^2 /NDF:10.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -319.361+/-468.710 χ^2 /NDF: 22.7/19

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

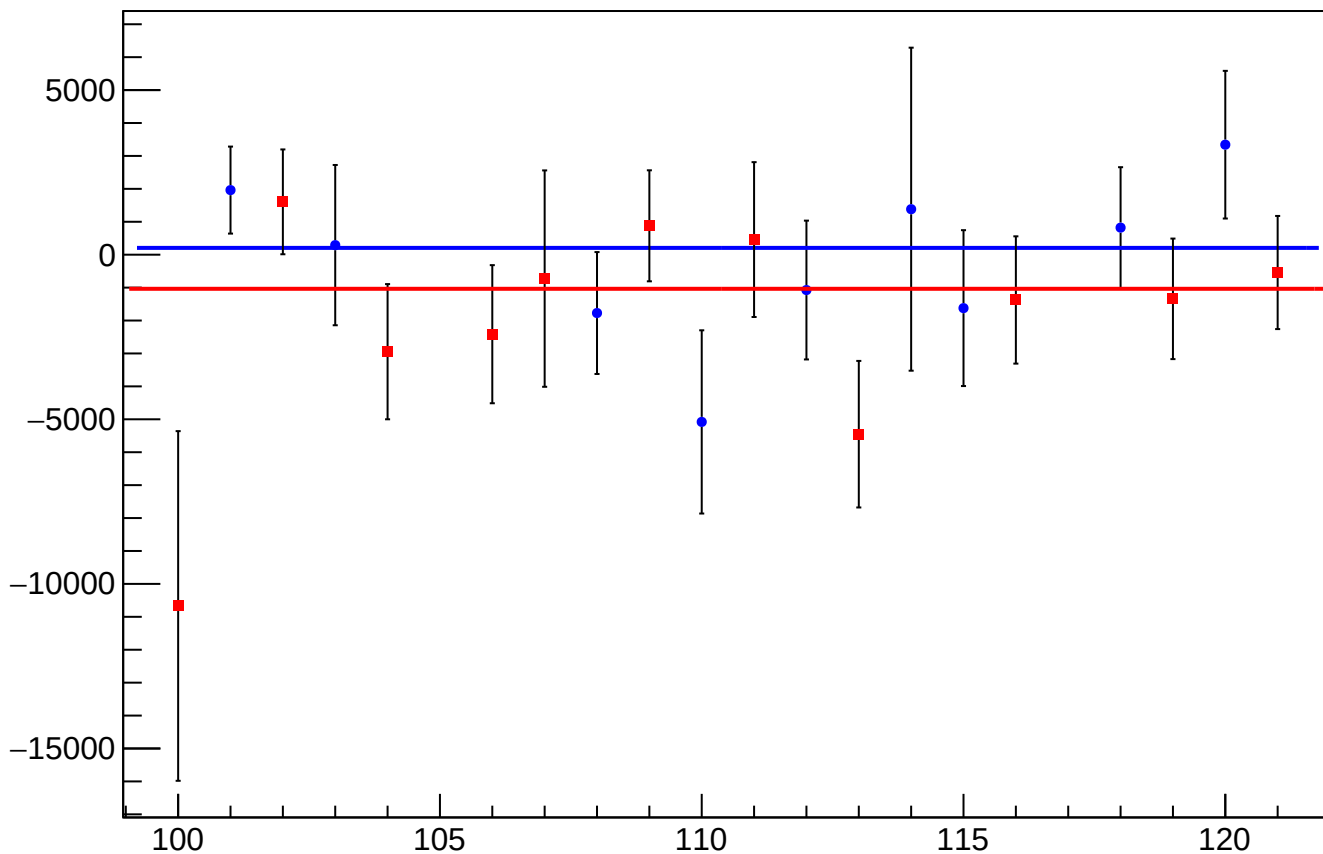
Right: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1035.991+/-617.100 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

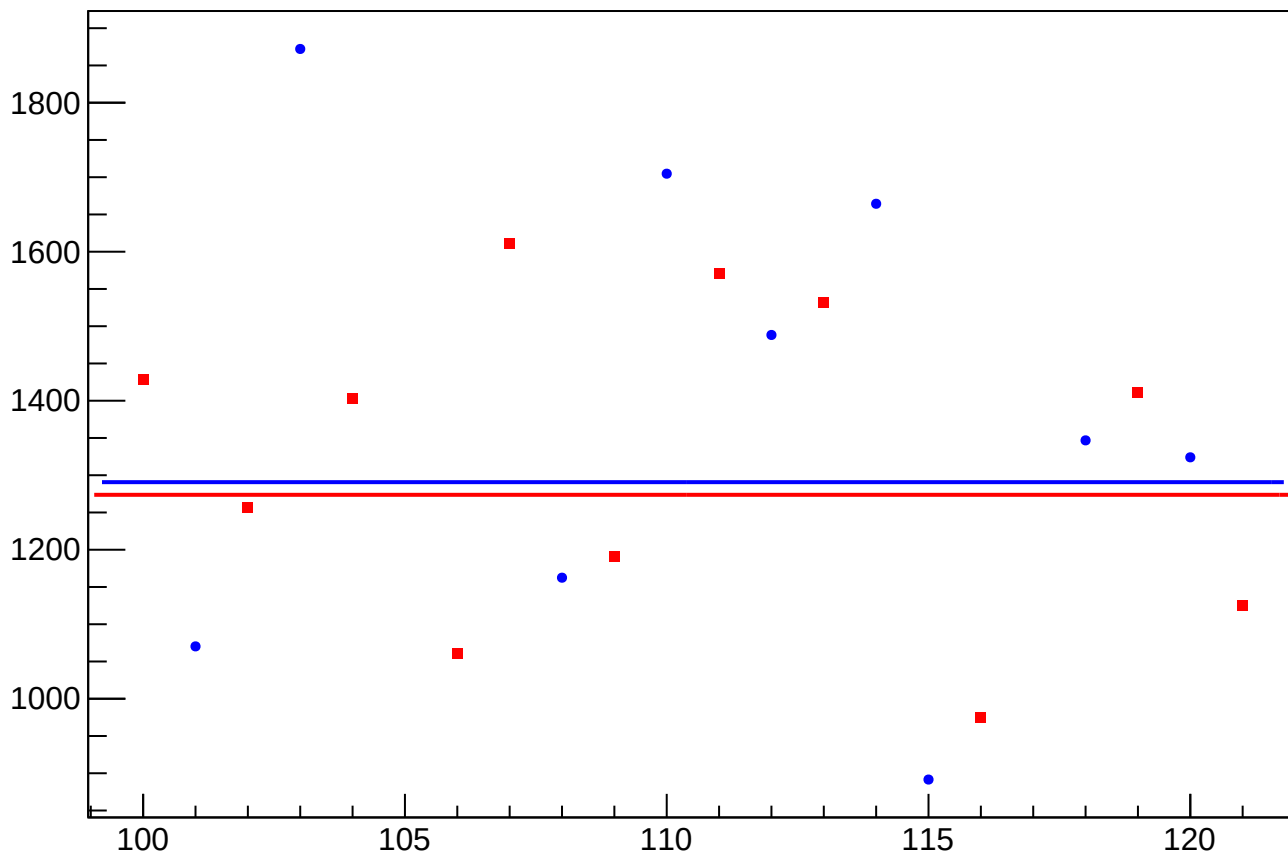
Right: -483.411+/-459.865 χ^2/NDF : 24.5/19

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.411+/-459.865 χ^2/NDF : 24.5/19

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

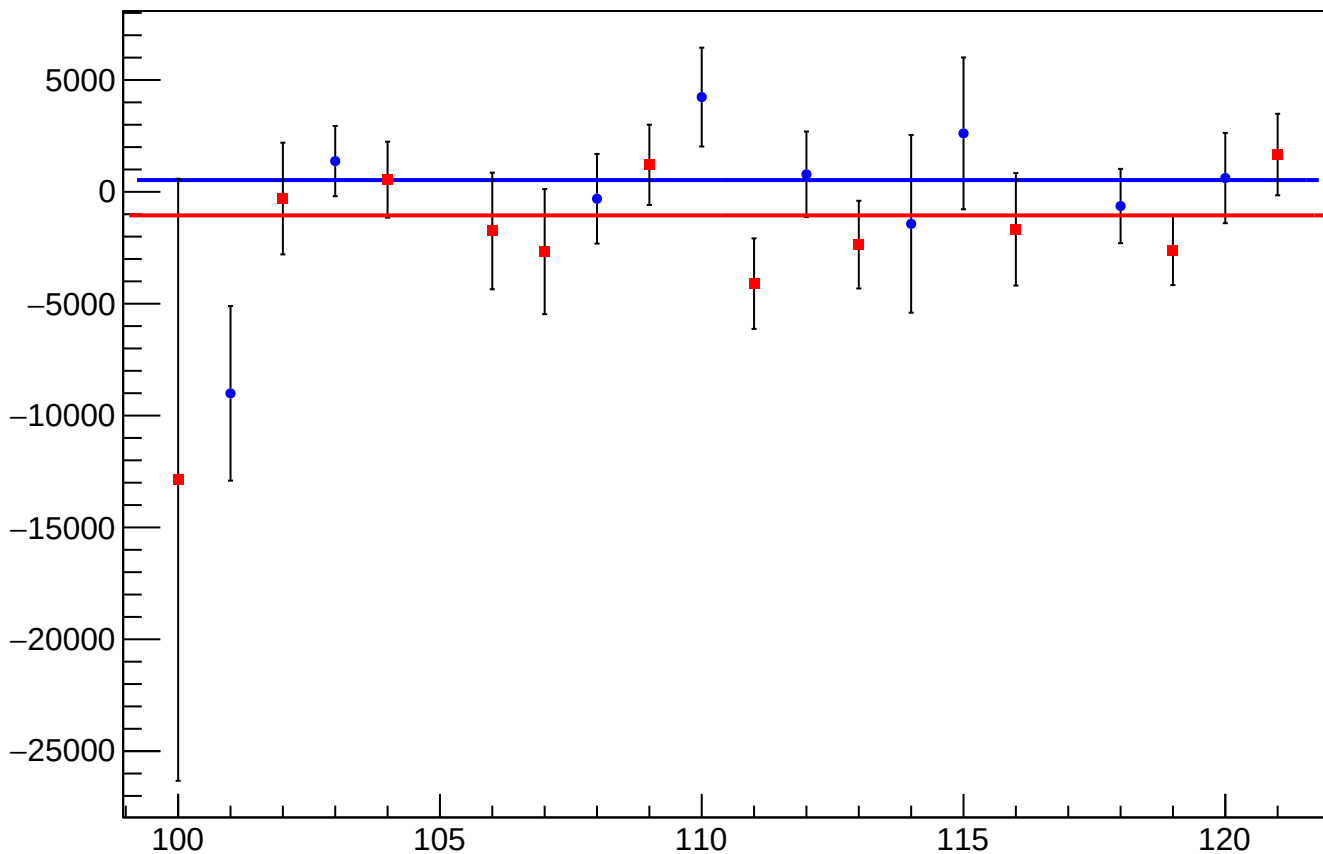
Right: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 526.025+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1050.738+/-636.192 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

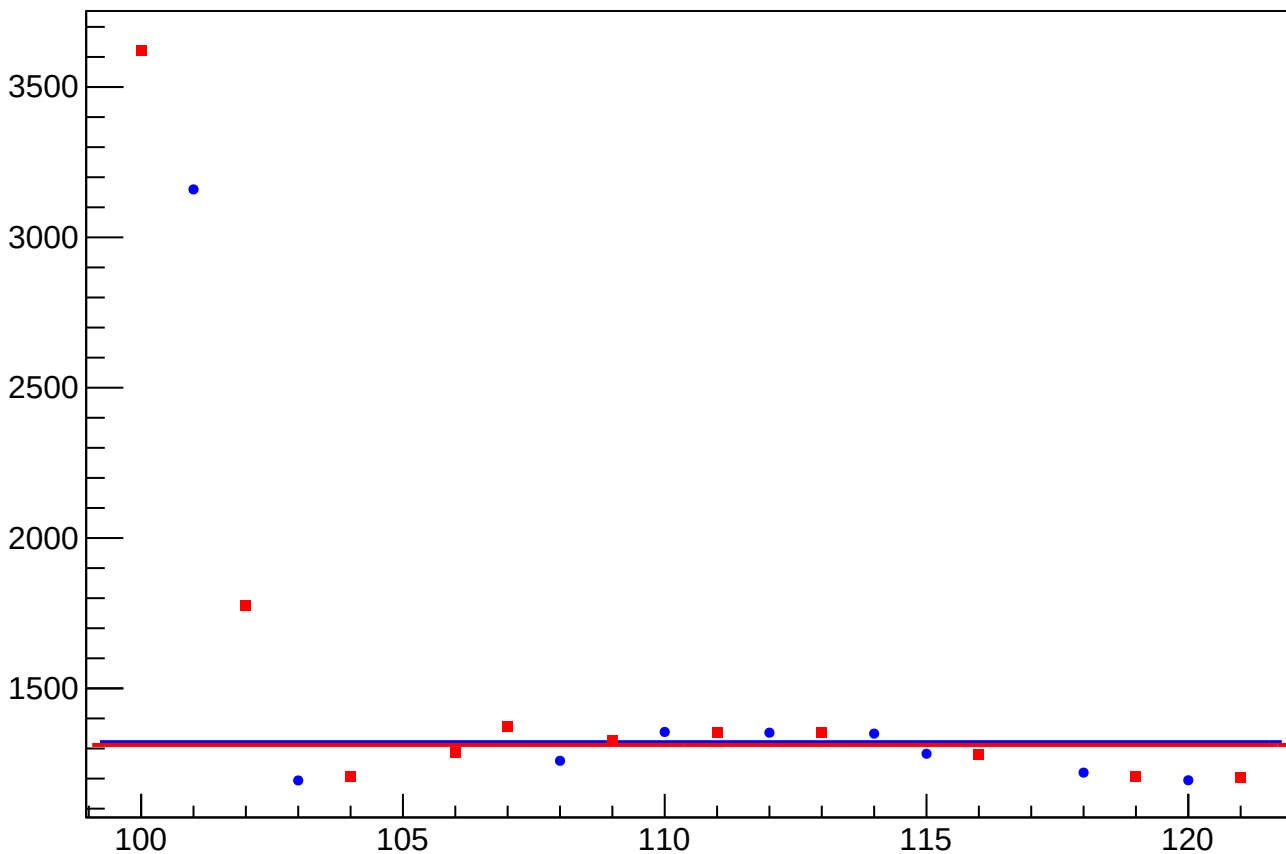
Right: -353.758+/-475.218 χ^2/NDF : 22.8/19

In: 526.025+/-714.769 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -353.758+/-475.218 χ^2/NDF : 22.8/19

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1311.908+/-0.450 χ^2/NDF : 154938.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

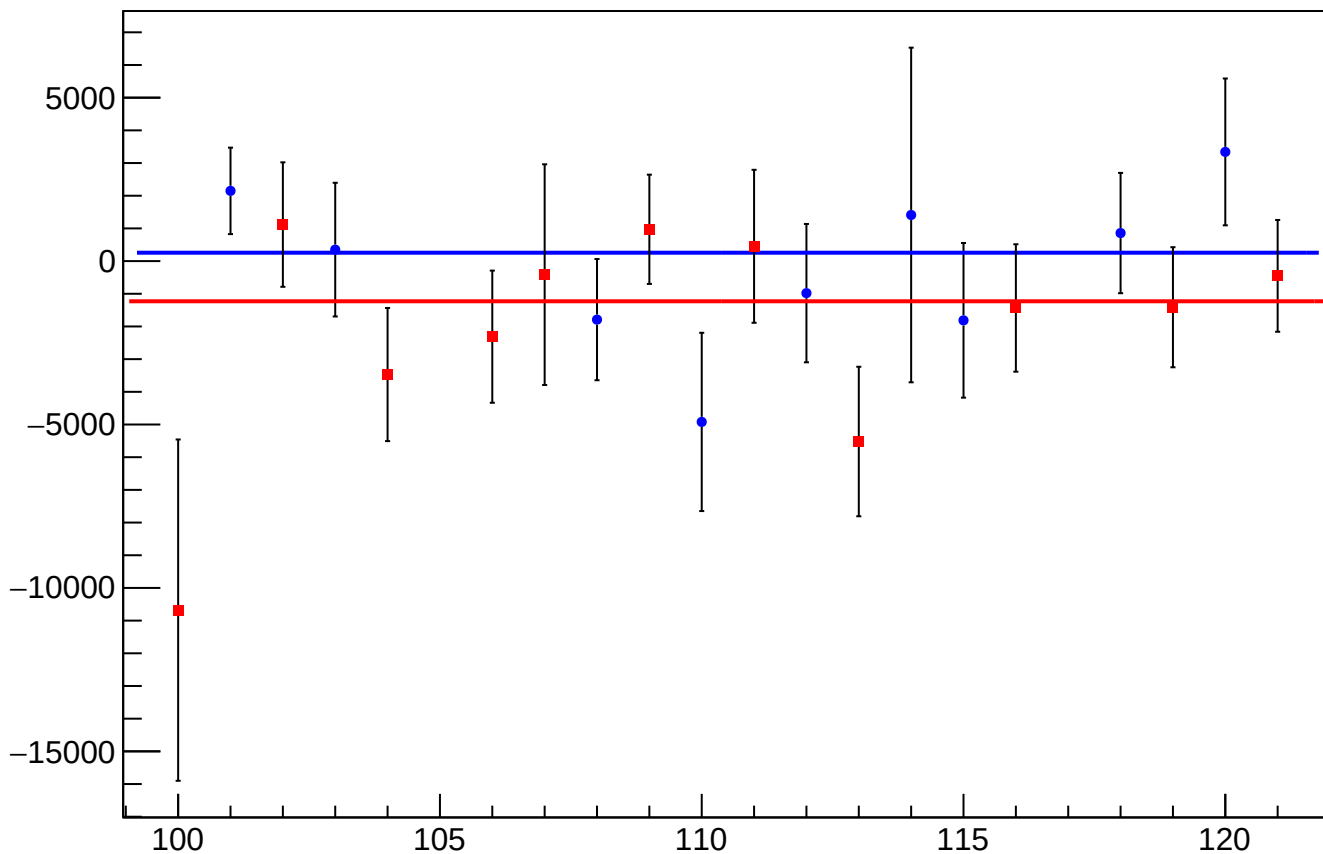
Right: 1315.949+/-0.336 χ^2/NDF : 630992.3/19

In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.949+/-0.336 χ^2/NDF : 630992.3/19

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.364+/-678.948 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1229.462+/-630.065 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

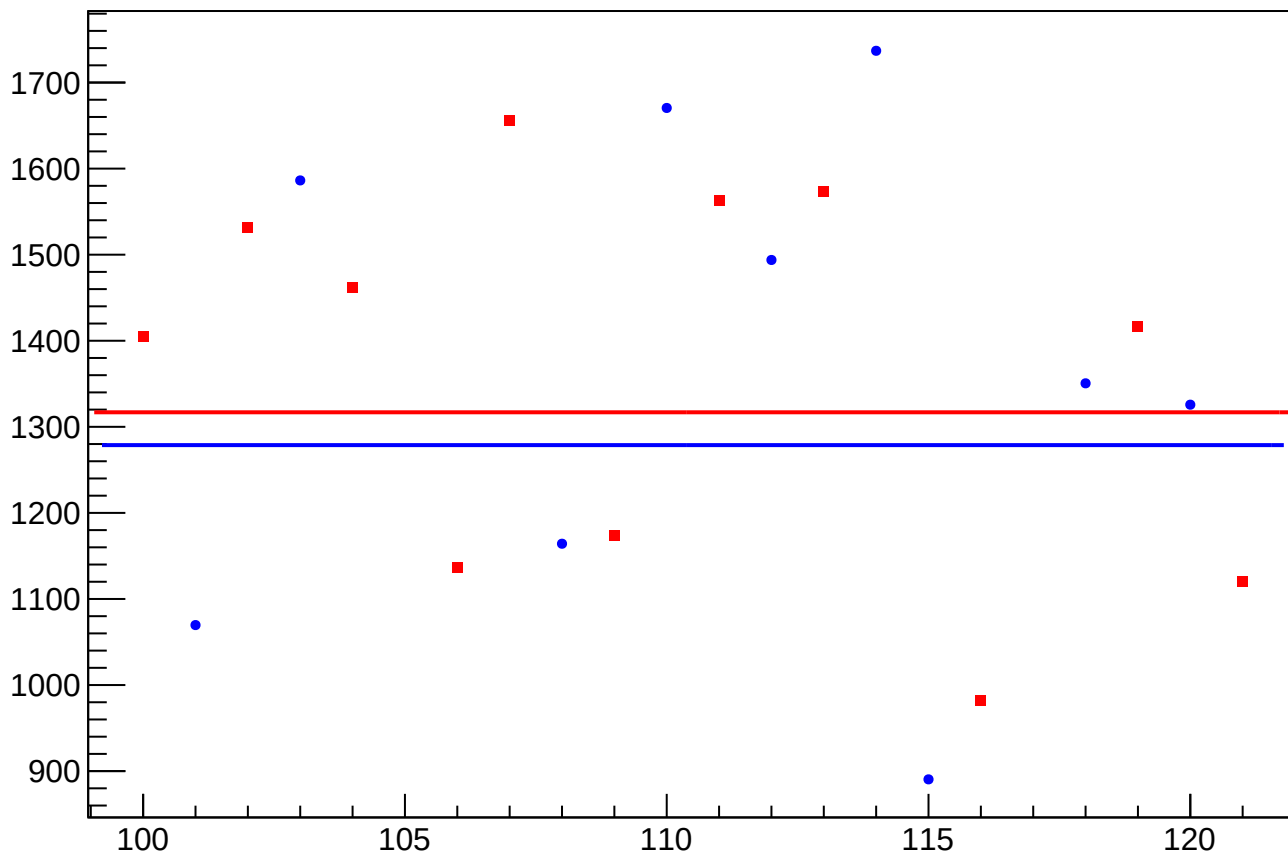
Right: -541.958+/-461.839 χ^2/NDF : 24.9/19

In: 256.364+/-678.948 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.958+/-461.839 χ^2/NDF : 24.9/19

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.879+/-0.446 χ^2/NDF : 225387.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

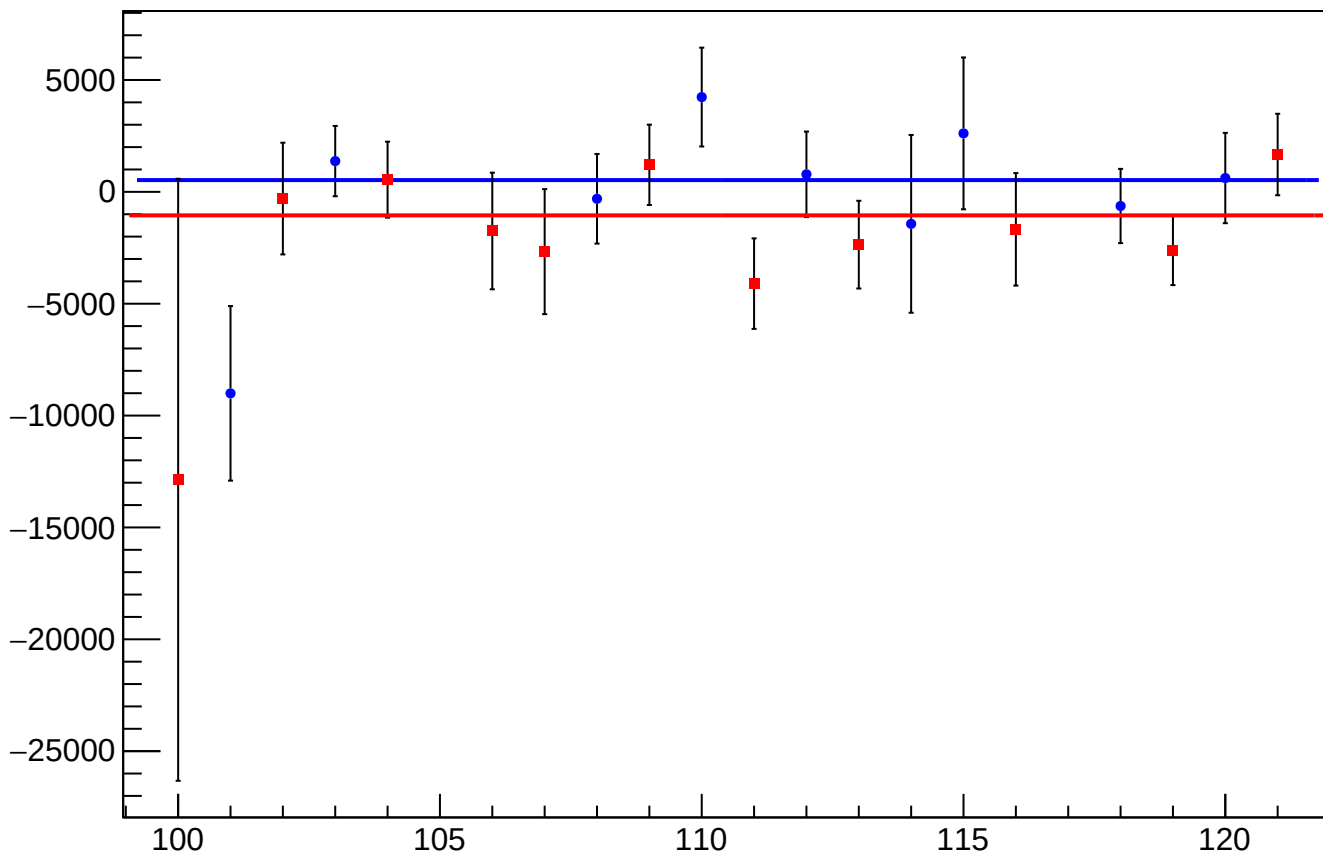
Right: 1299.237+/-0.327 χ^2/NDF : 467343.0/19

In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.237+/-0.327 χ^2/NDF : 467343.0/19

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 526.021+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1050.739+/-636.192 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

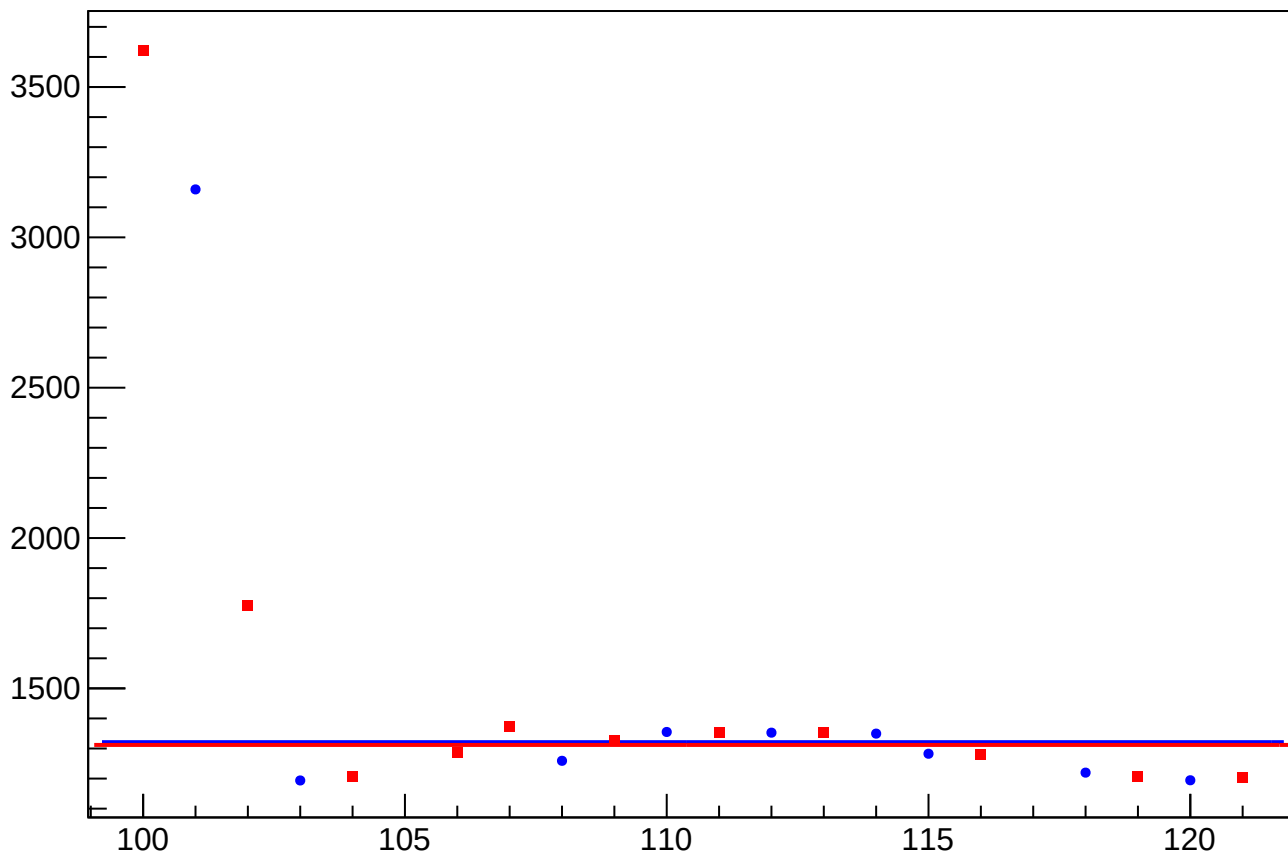
Right: -353.760+/-475.218 χ^2/NDF : 22.8/19

In: 526.021+/-714.769 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -353.760+/-475.218 χ^2/NDF : 22.8/19

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1311.907+/-0.450 χ^2/NDF : 154938.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

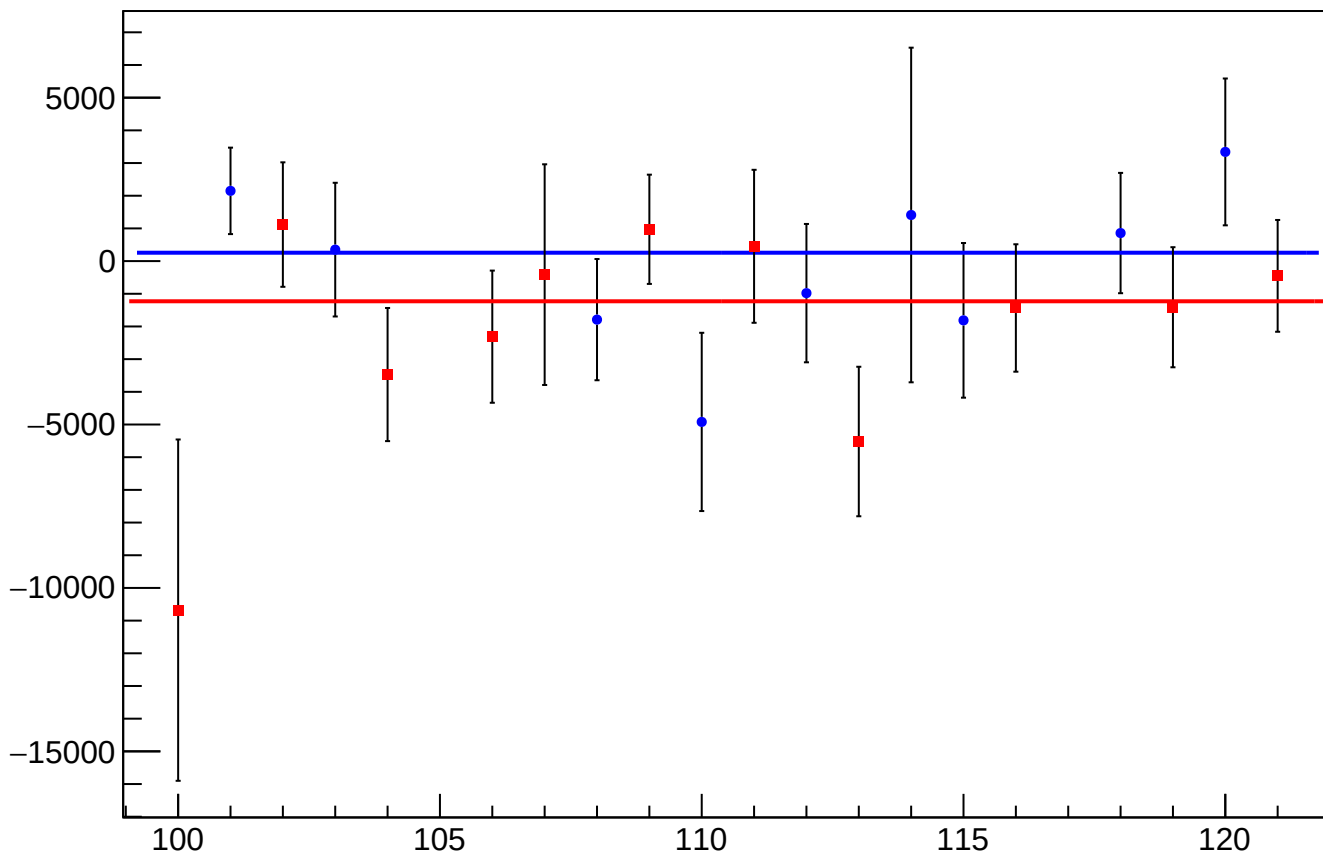
Right: 1315.948+/-0.336 χ^2/NDF : 630992.4/19

In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.948+/-0.336 χ^2/NDF : 630992.4/19

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1229.464+/-630.065 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

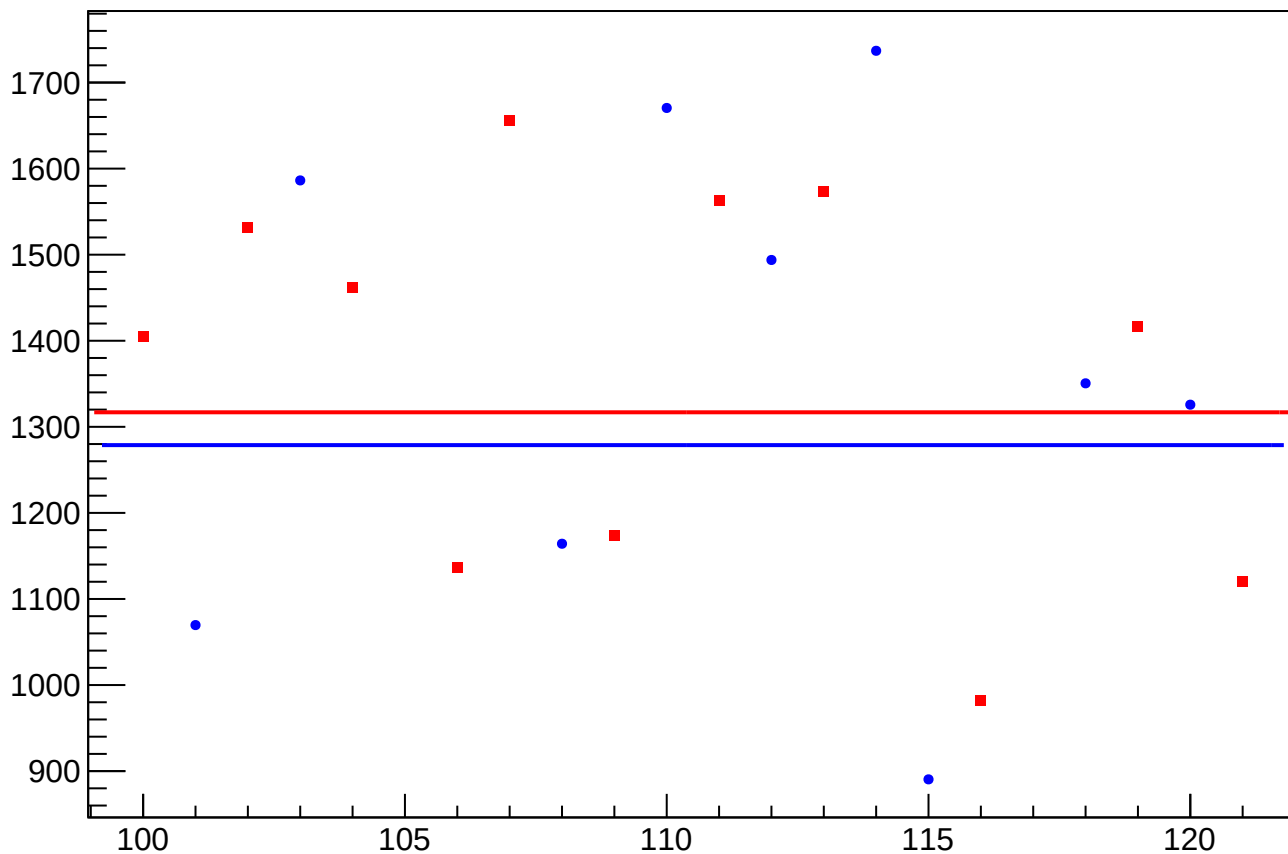
Right: -541.958+/-461.838 χ^2/NDF : 24.9/19

In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.958+/-461.838 χ^2/NDF : 24.9/19

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.879+/-0.446 χ^2/NDF : 225388.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

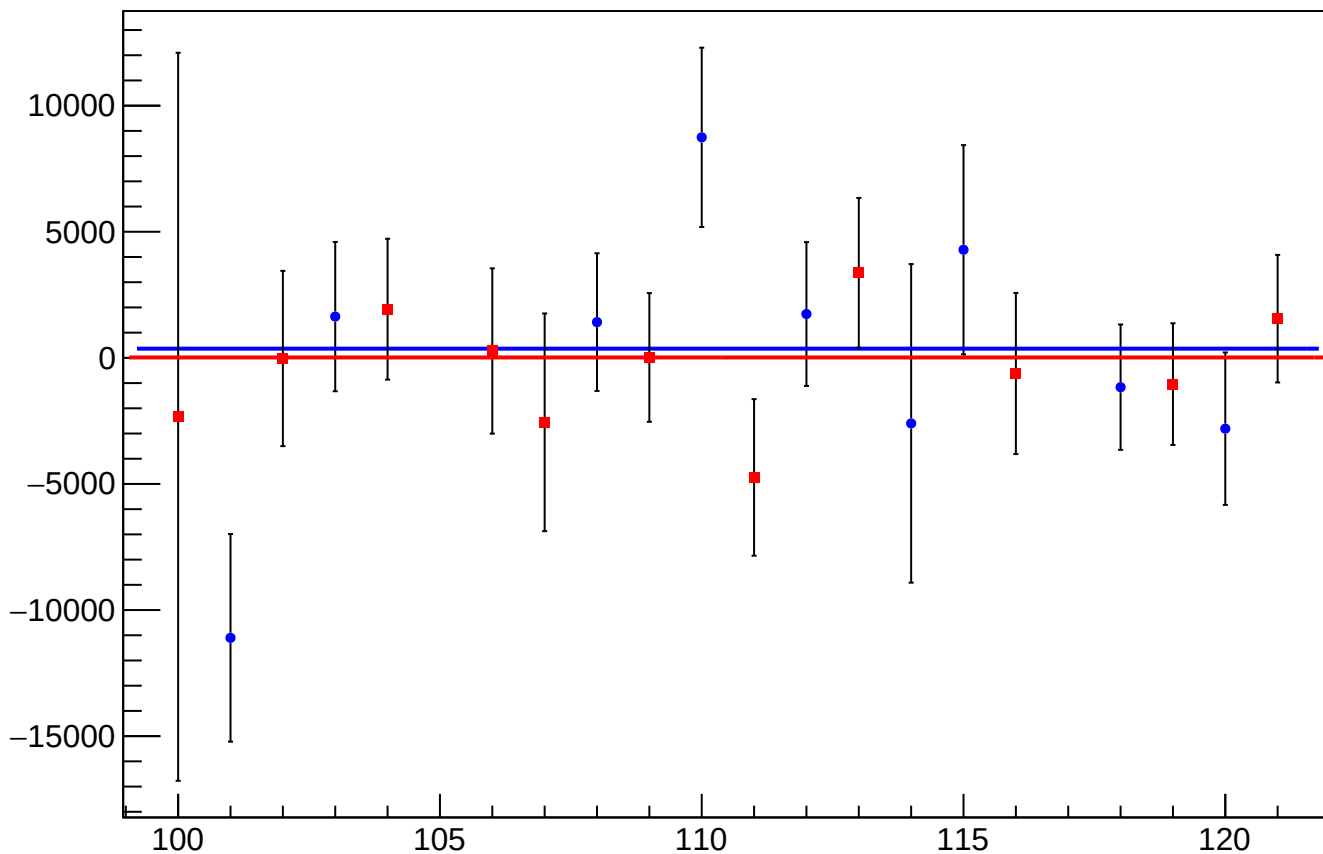
Right: 1299.236+/-0.327 χ^2/NDF : 467349.2/19

In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.236+/-0.327 χ^2/NDF : 467349.2/19

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.669+/-928.729 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

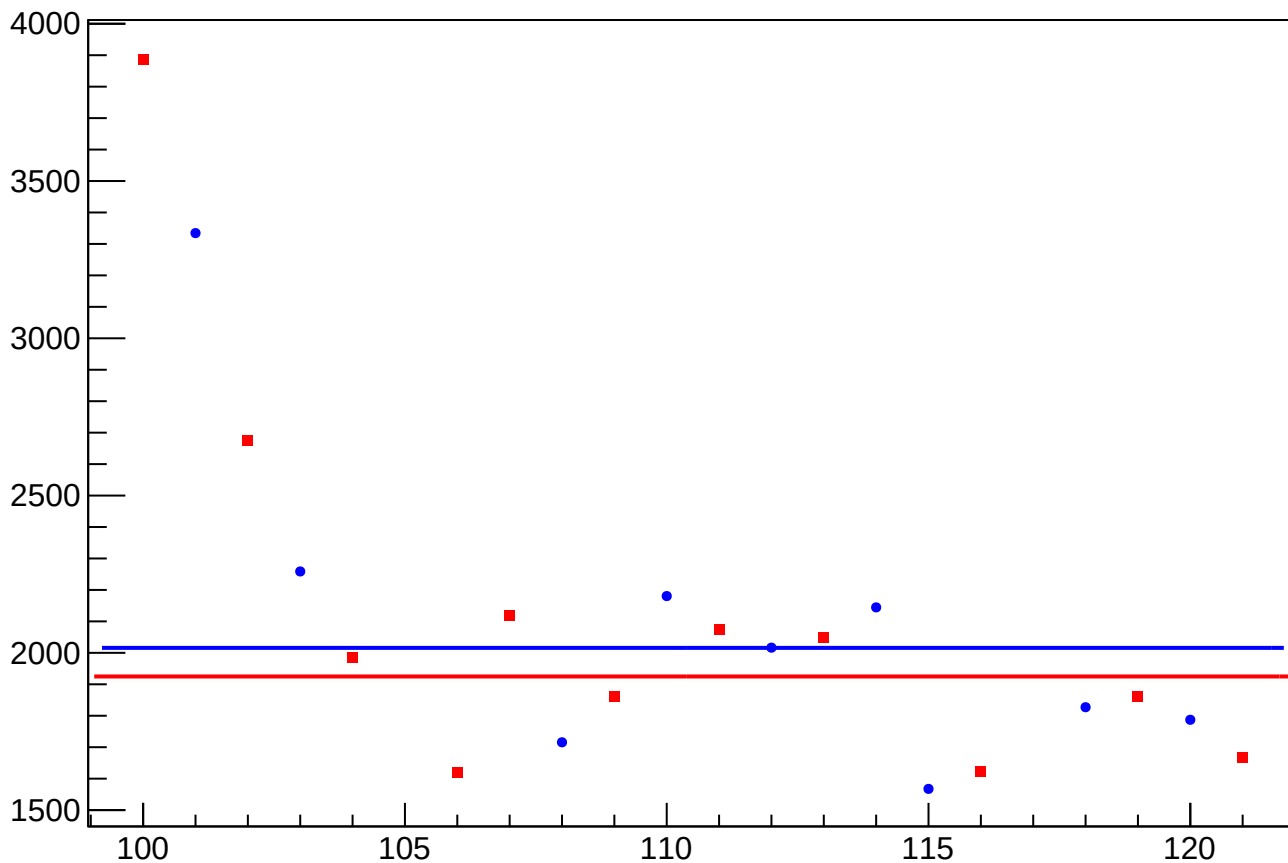
Right: 164.999+/-703.040 χ^2/NDF : 21.6/19

In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.999+/-703.040 χ^2/NDF : 21.6/19

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1924.843+/-0.657 χ^2/NDF : 201645.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

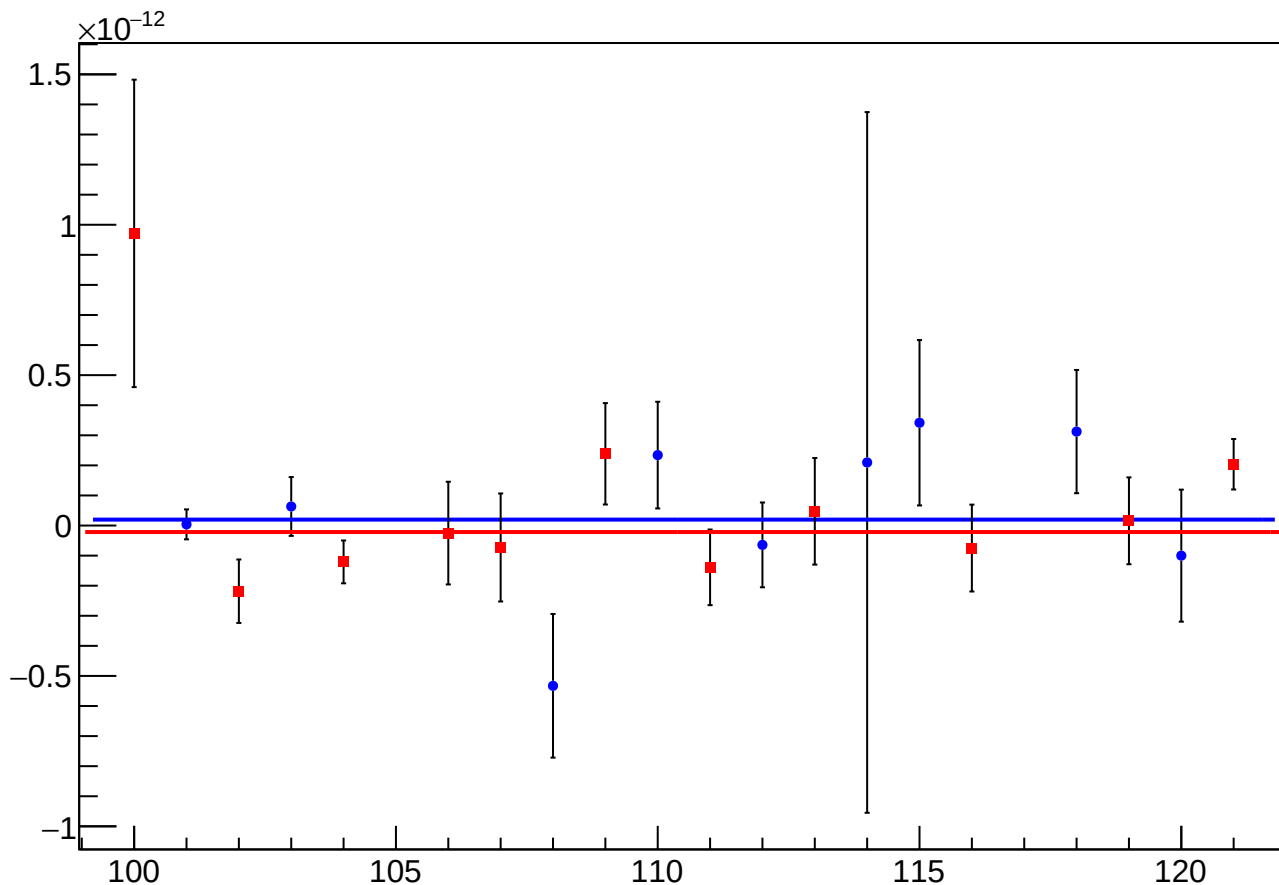
Right: 1963.677+/-0.497 χ^2/NDF : 504173.6/19

In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.677+/-0.497 χ^2/NDF : 504173.6/19

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

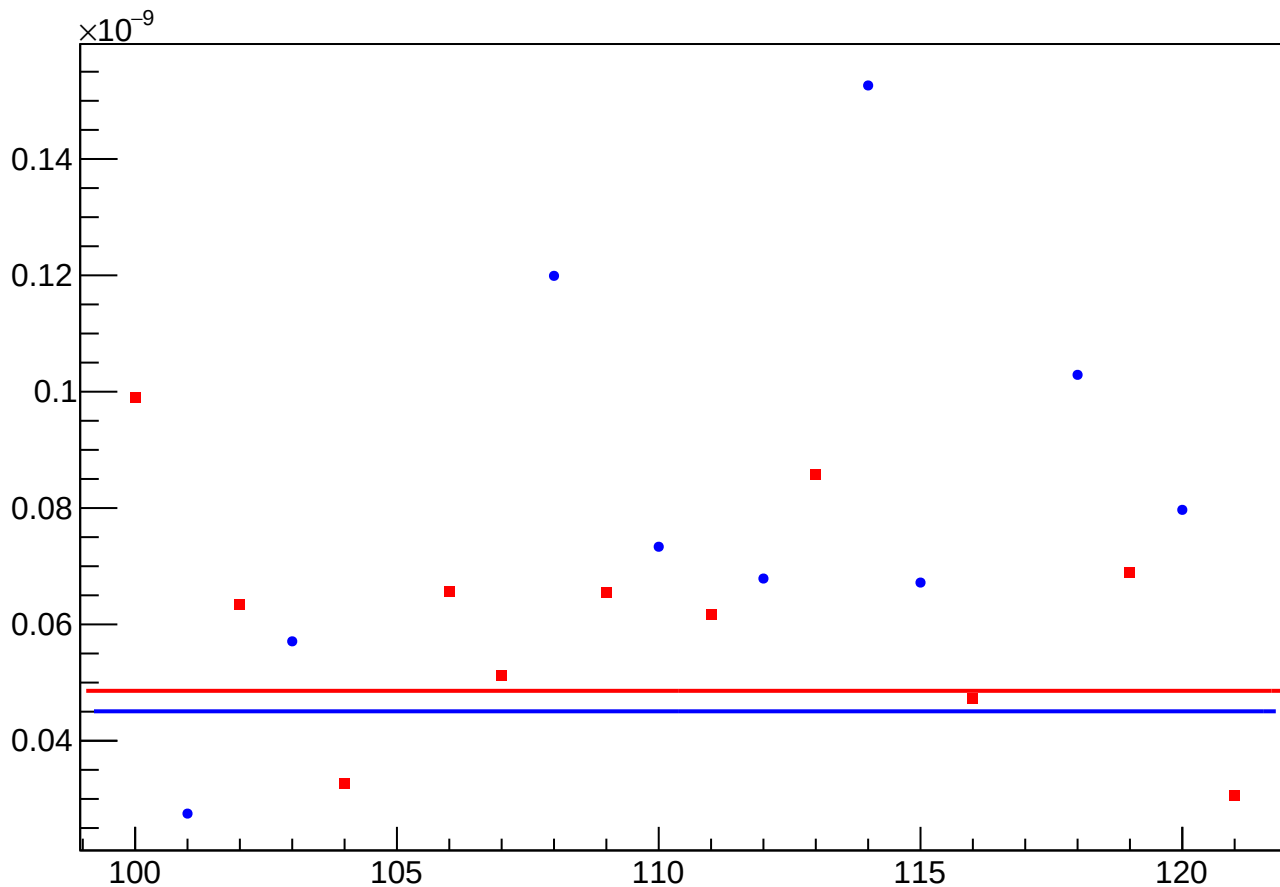
Right: -0.000+/-0.000 χ^2/NDF : 31.9/19

In: 0.000+/-0.000 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.9/19

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443342.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

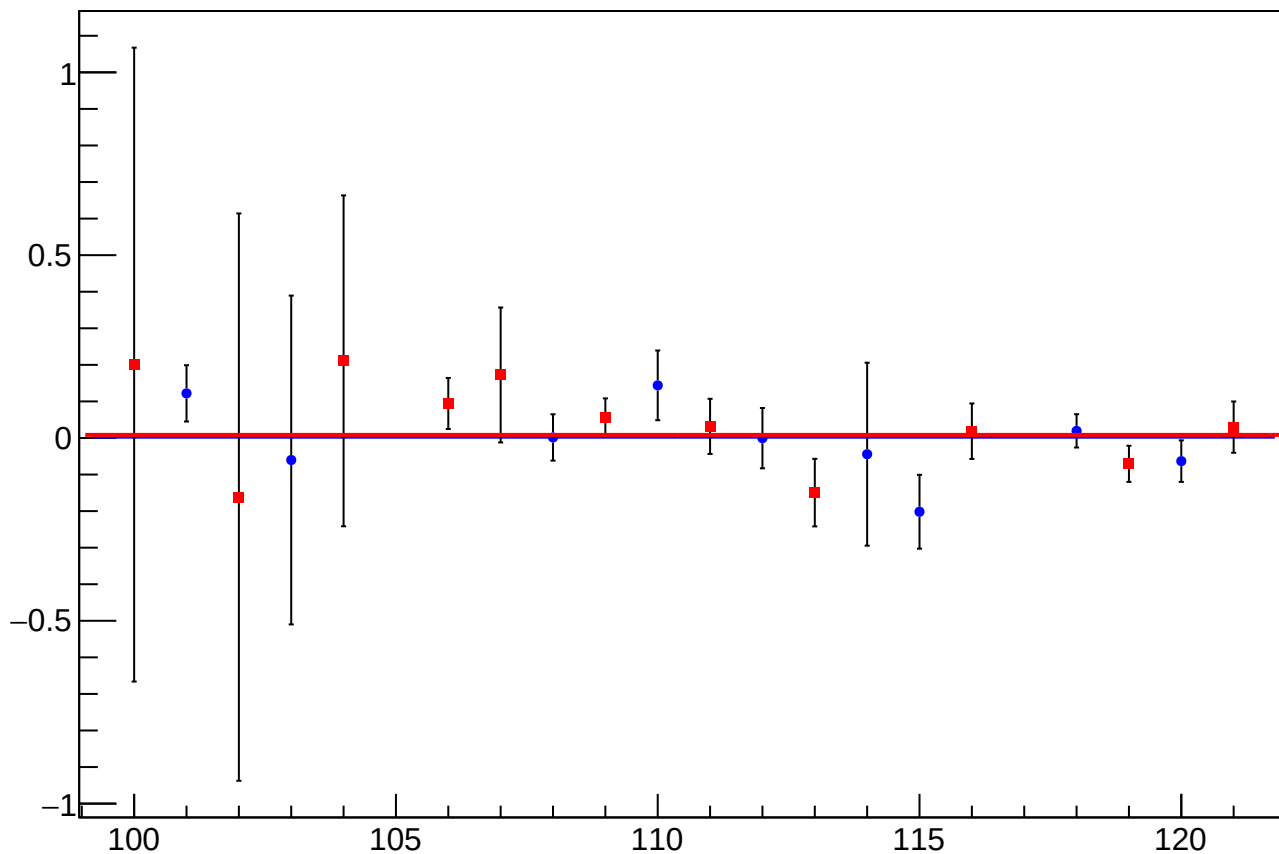
Right: 0.000+/-0.000 χ^2/NDF : 1270407.6/19

In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1270407.6/19

asym_atl_dd_atr_dd_dd_dit_vs_Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

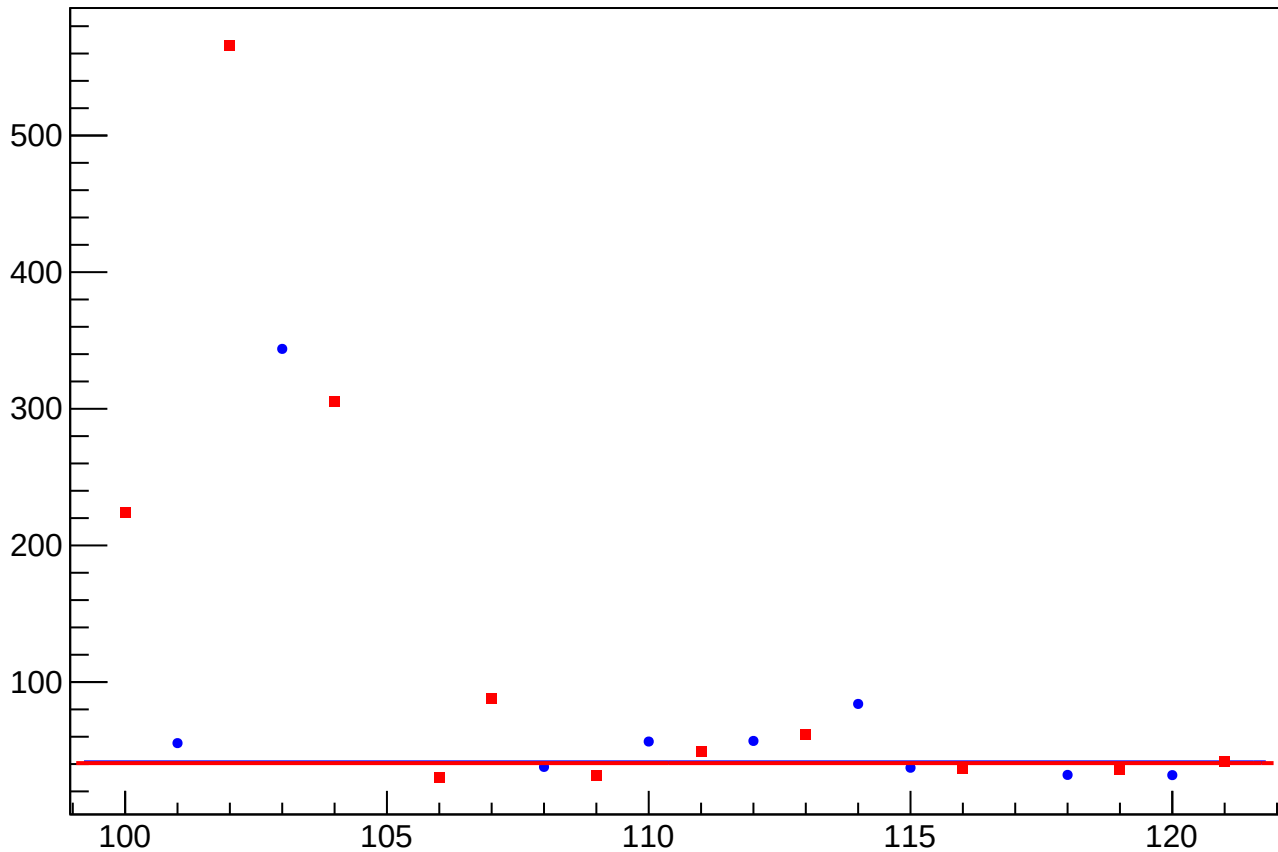
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

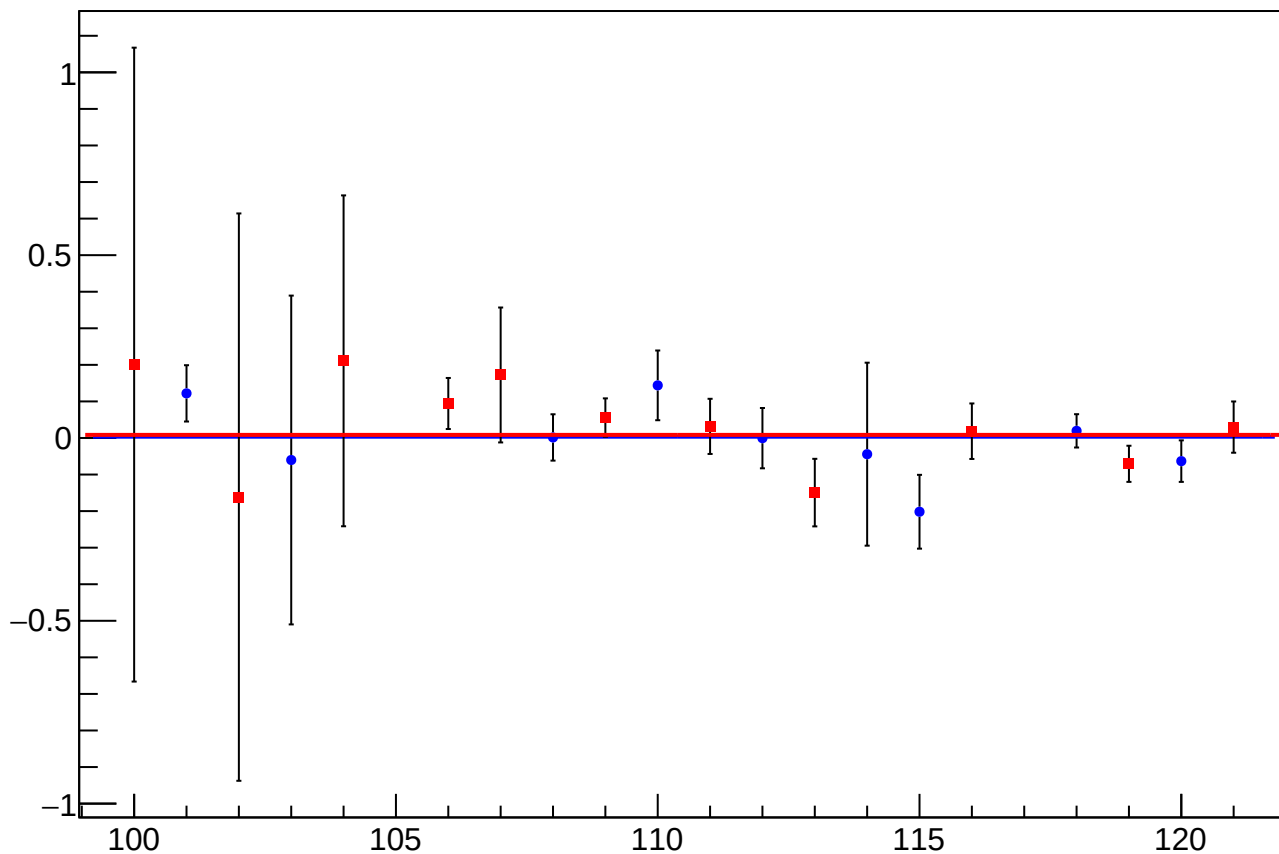
Right: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.025 χ^2 /NDF: 10.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.024 χ^2 /NDF: 9.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

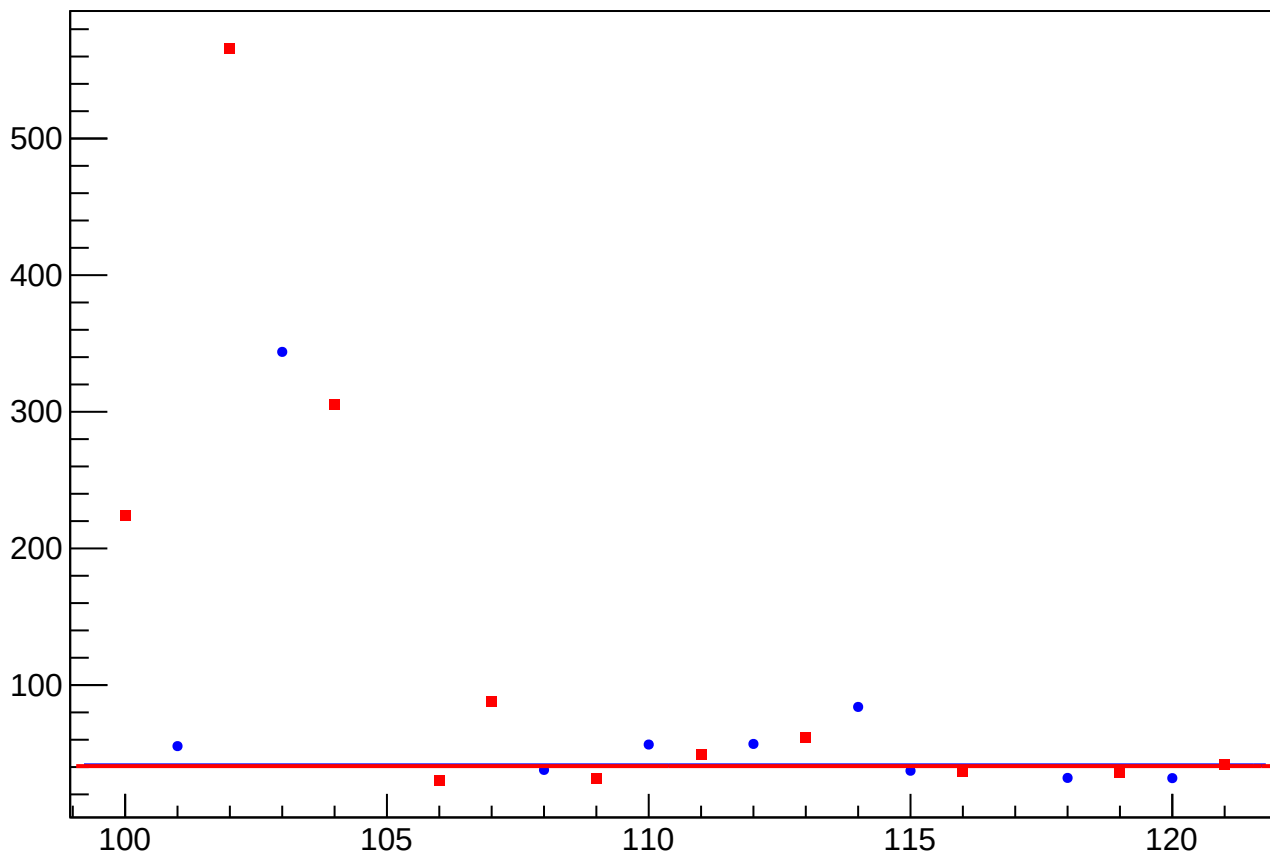
Right: 0.006 $\pm$ 0.017 χ^2 /NDF: 19.4/19

In: 0.004 $\pm$ 0.025 χ^2 /NDF:10.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.017 χ^2 /NDF: 19.4/19

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

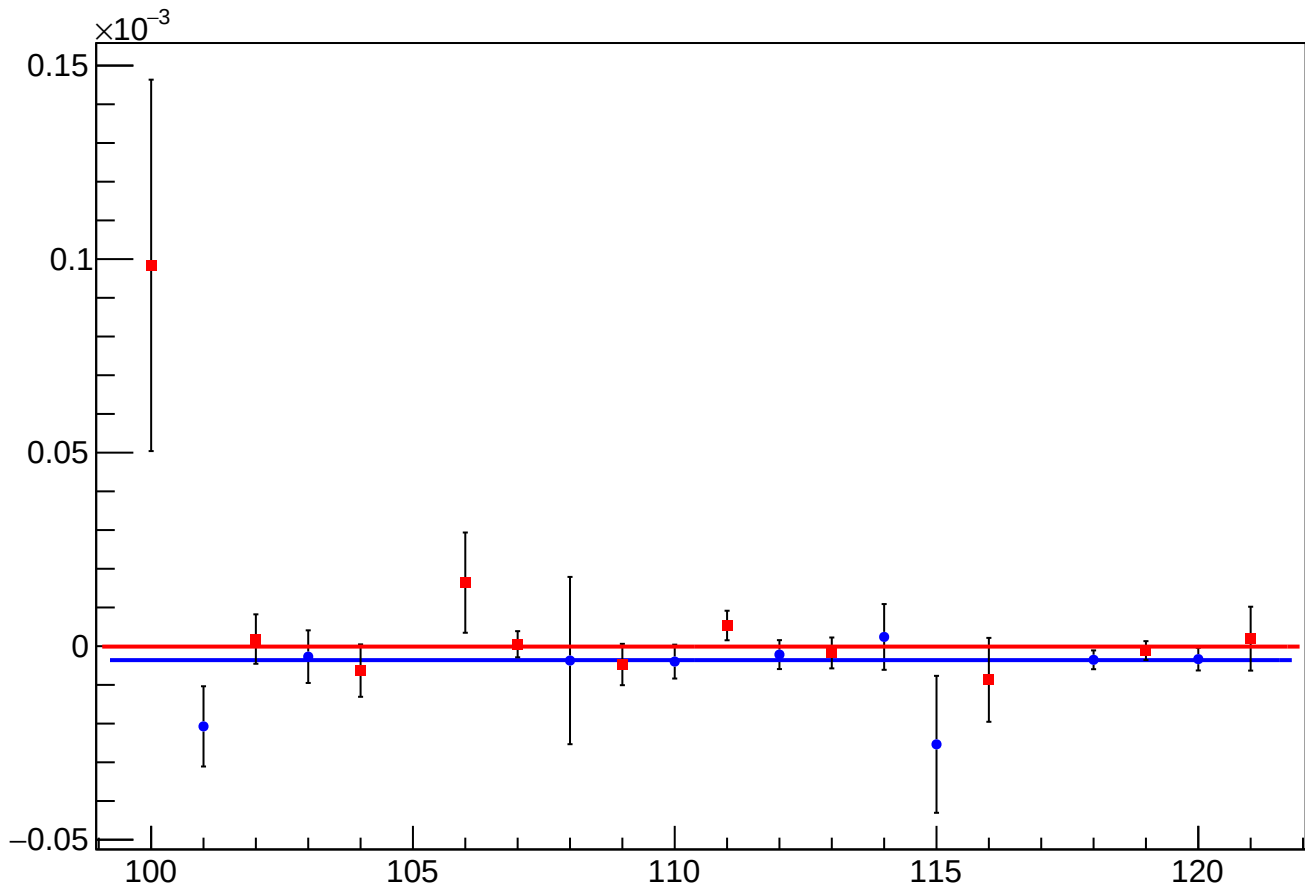
Right: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

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 : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

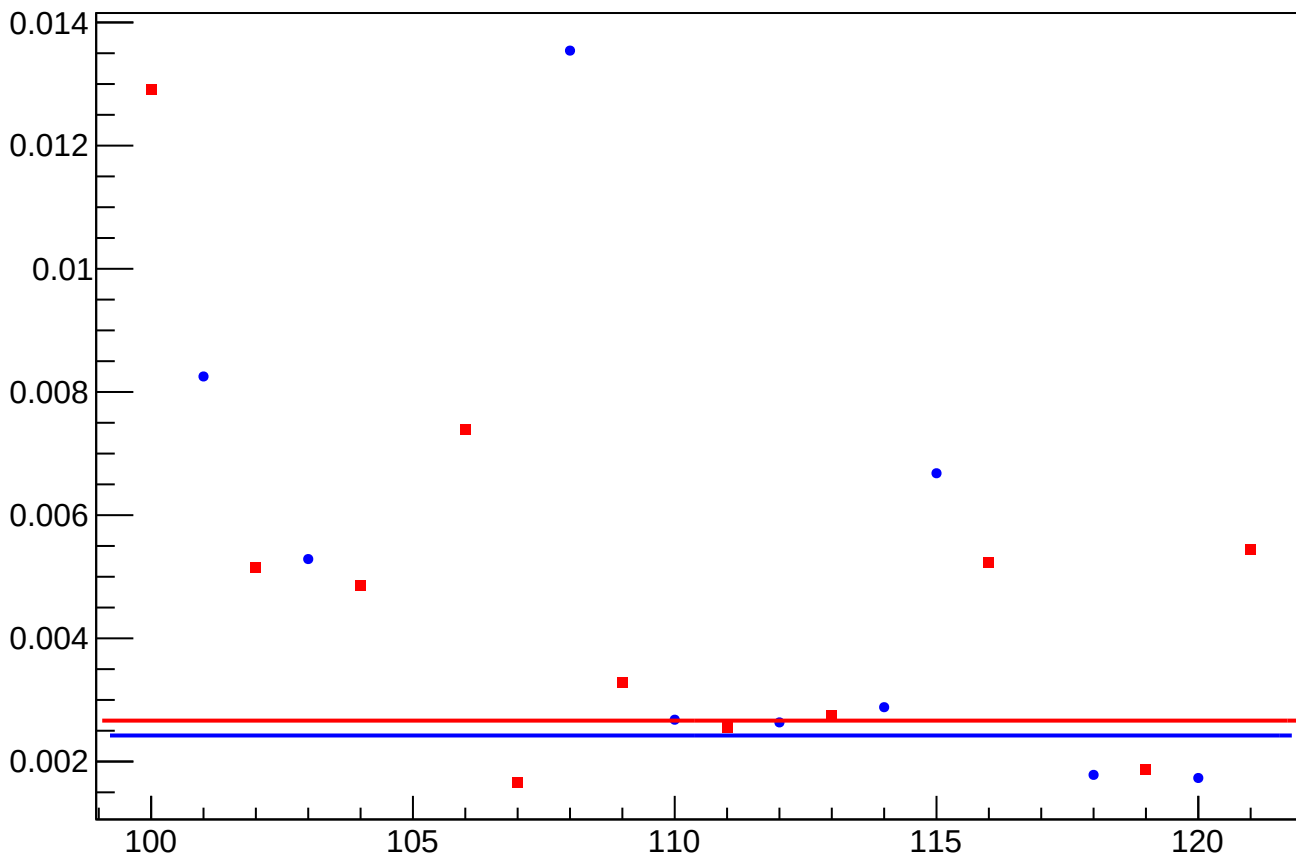
Right: -0.000+/-0.000 χ^2/NDF : 18.5/19

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/19

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1901622.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1628628.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

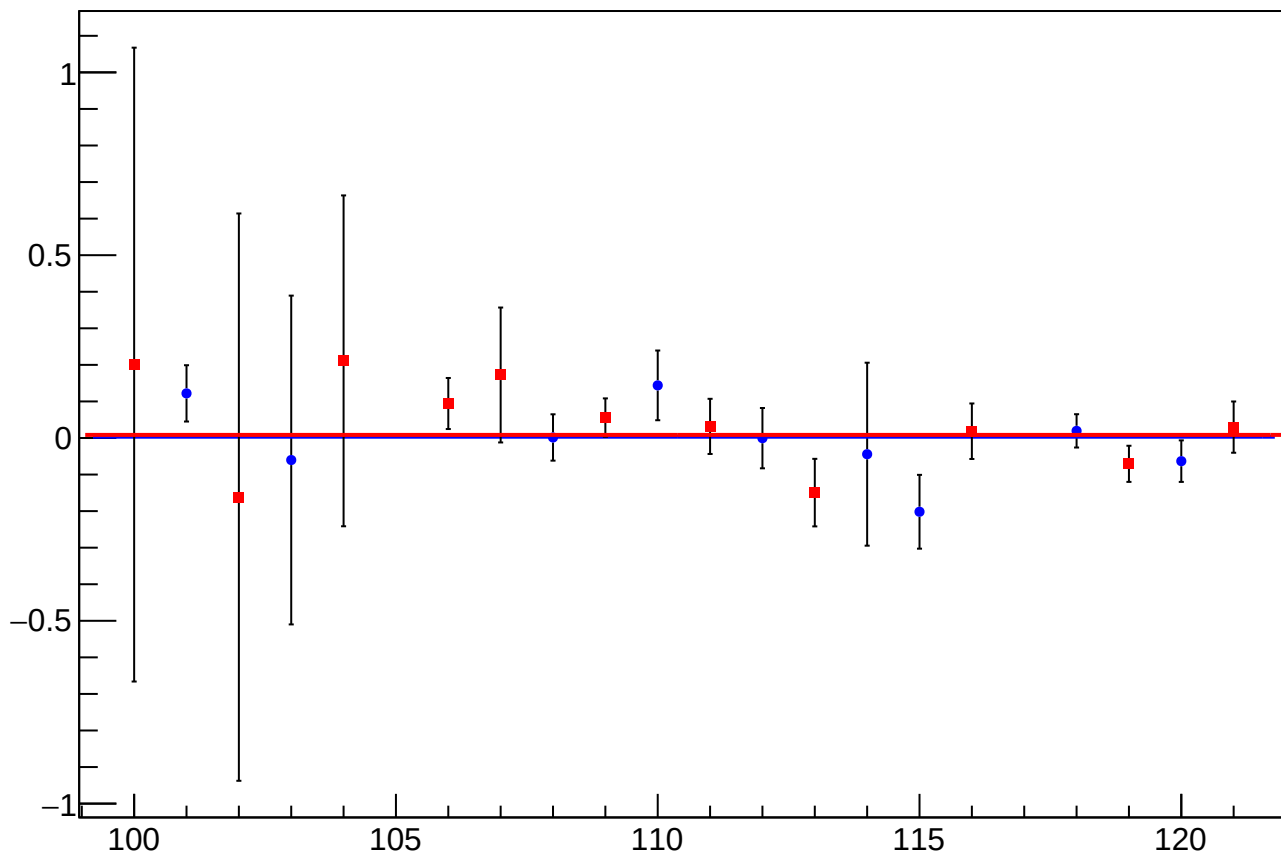
Right: 0.003+/-0.000 χ^2/NDF : 3558164.4/19

In: 0.002+/-0.000 χ^2/NDF :1901622.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3558164.4/19

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

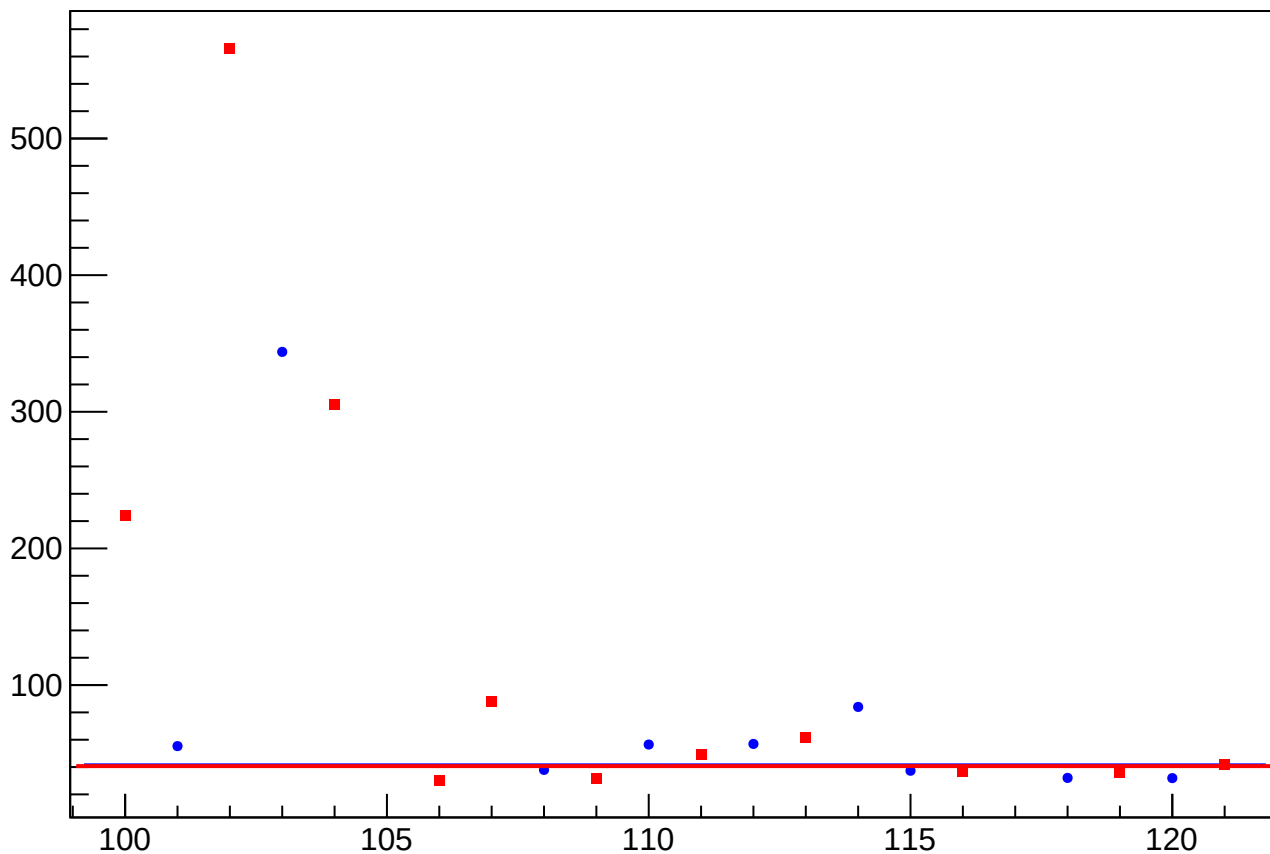
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

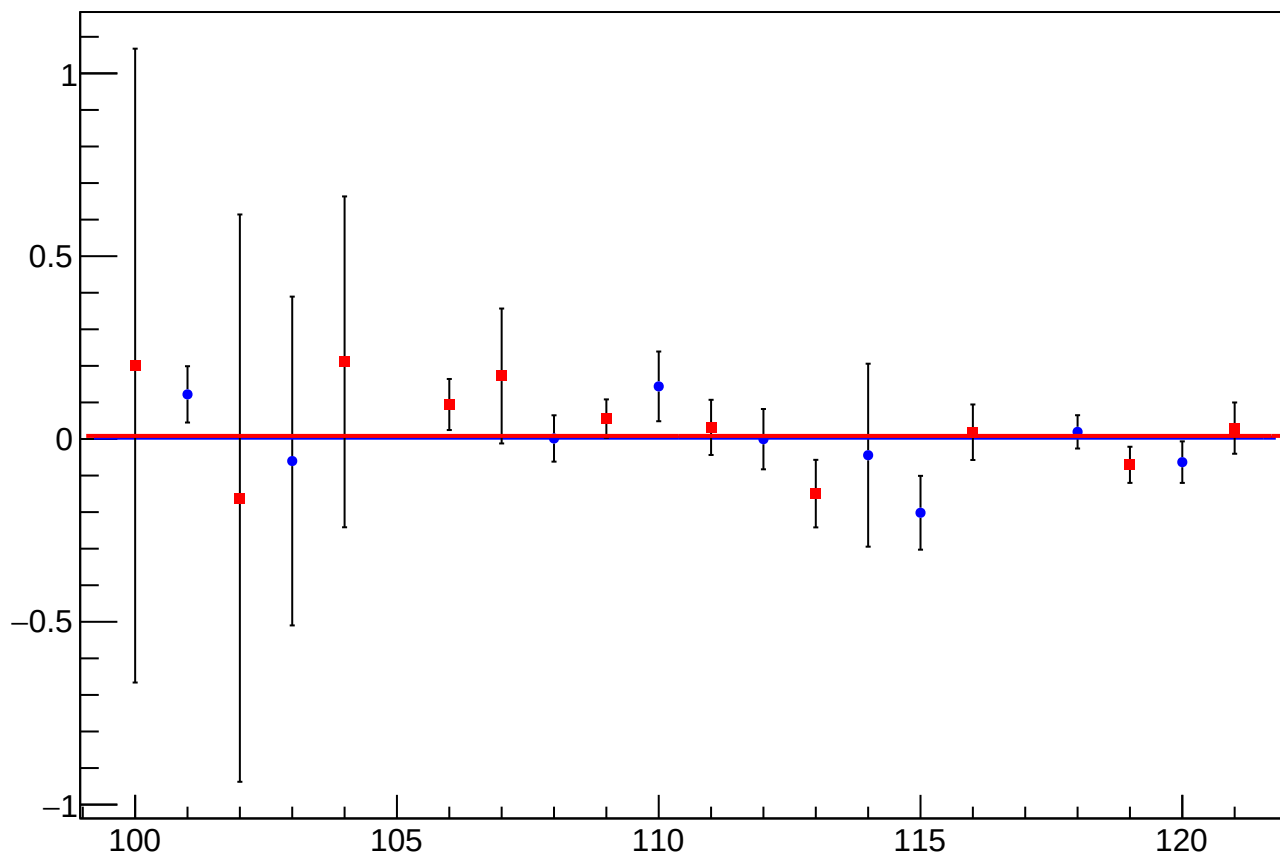
Right: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

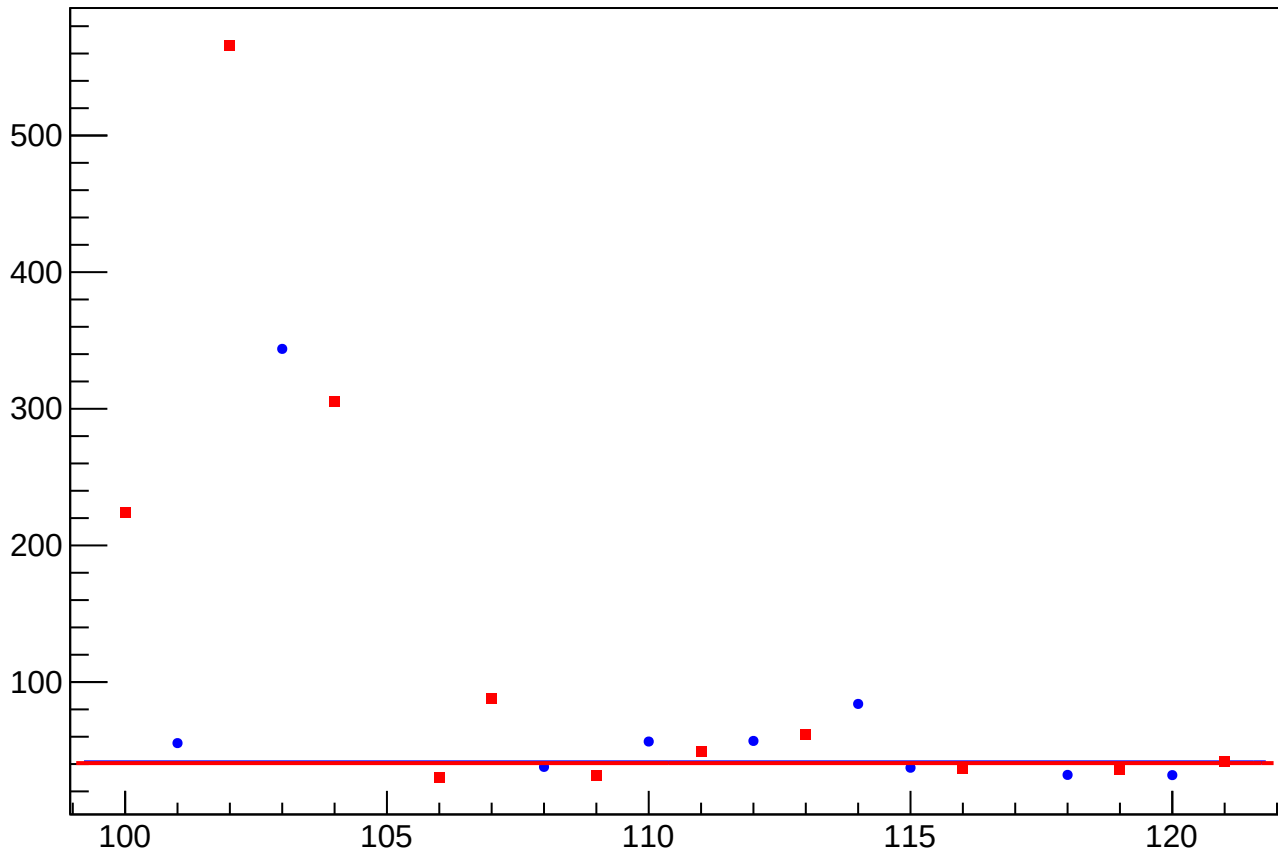
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

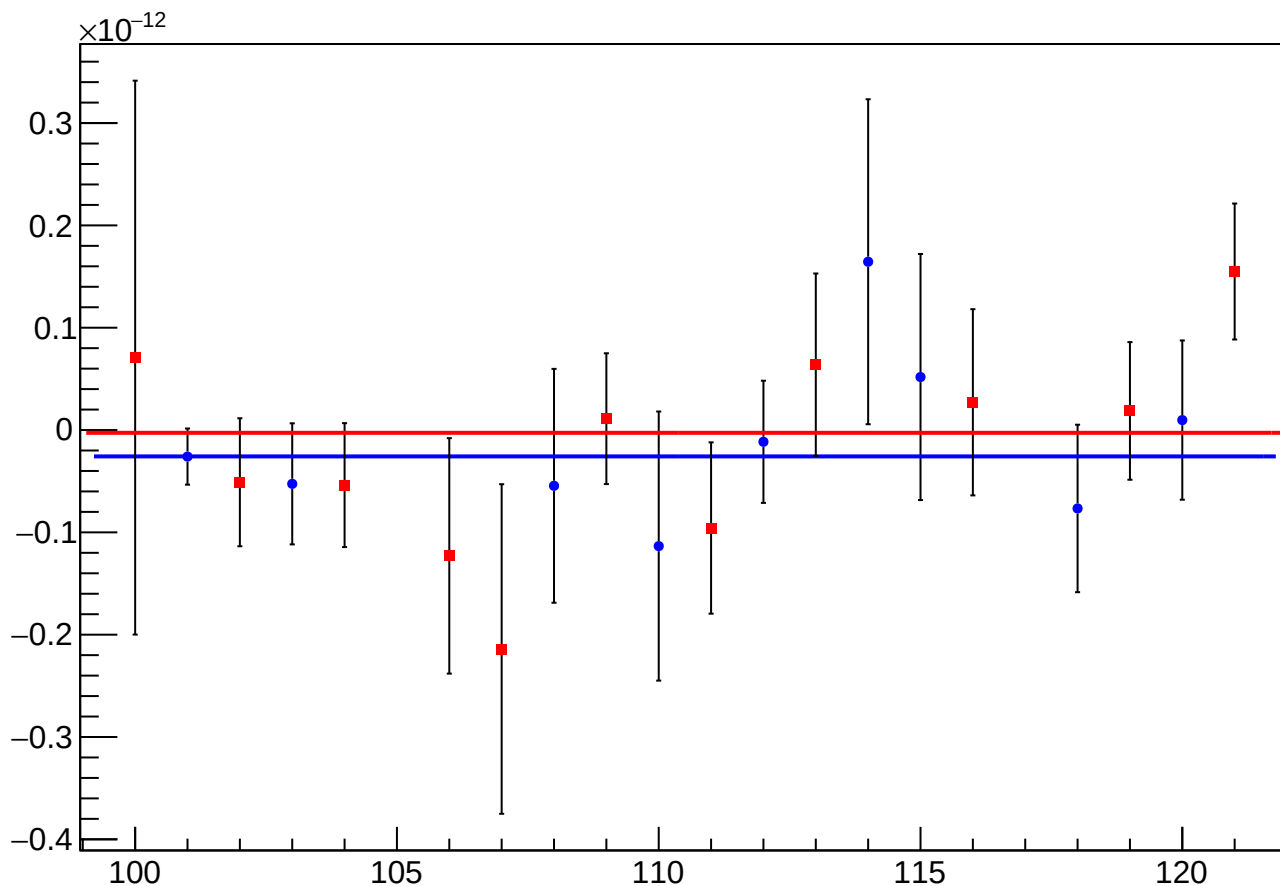
Right: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

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 : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

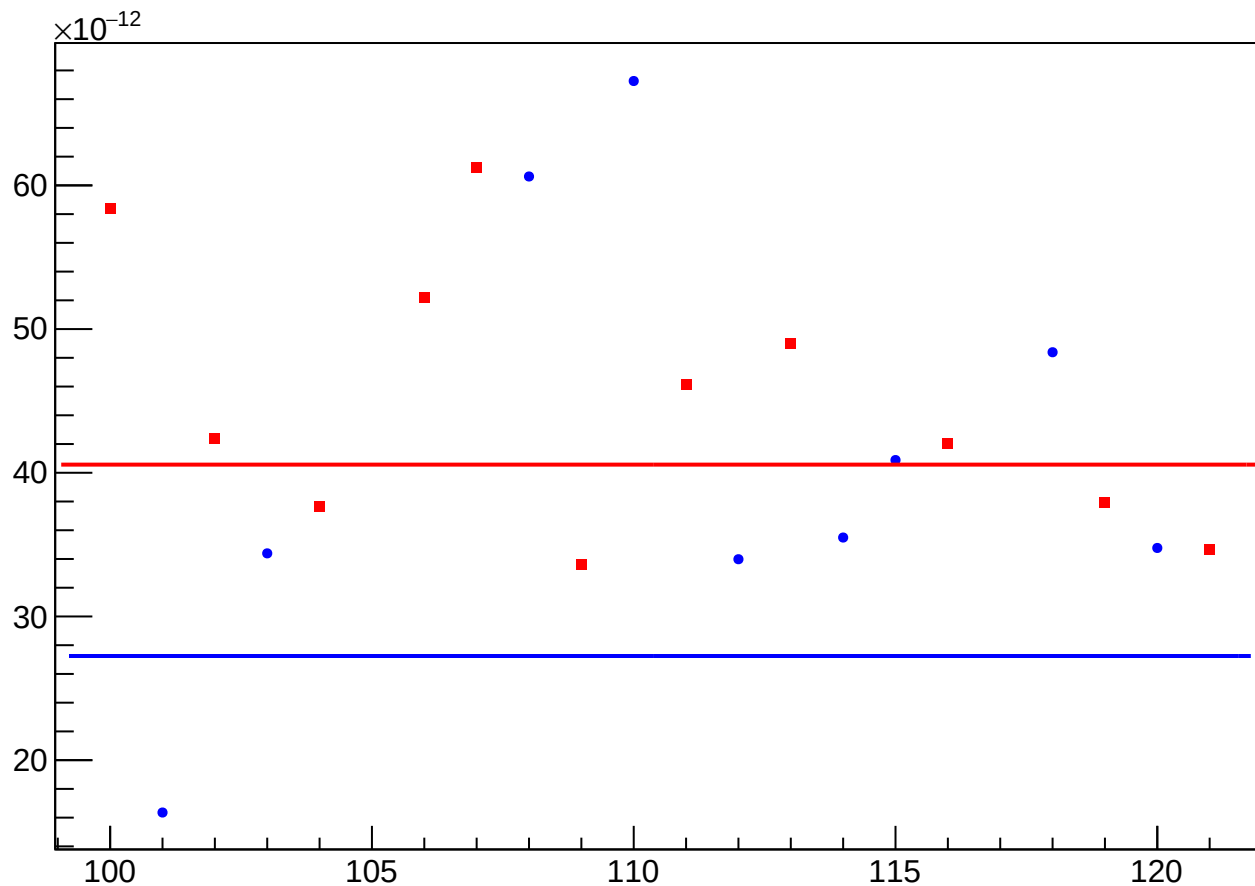
Right: -0.000+/-0.000 χ^2/NDF : 15.6/19

In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/19

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 : 908767.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 138399.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

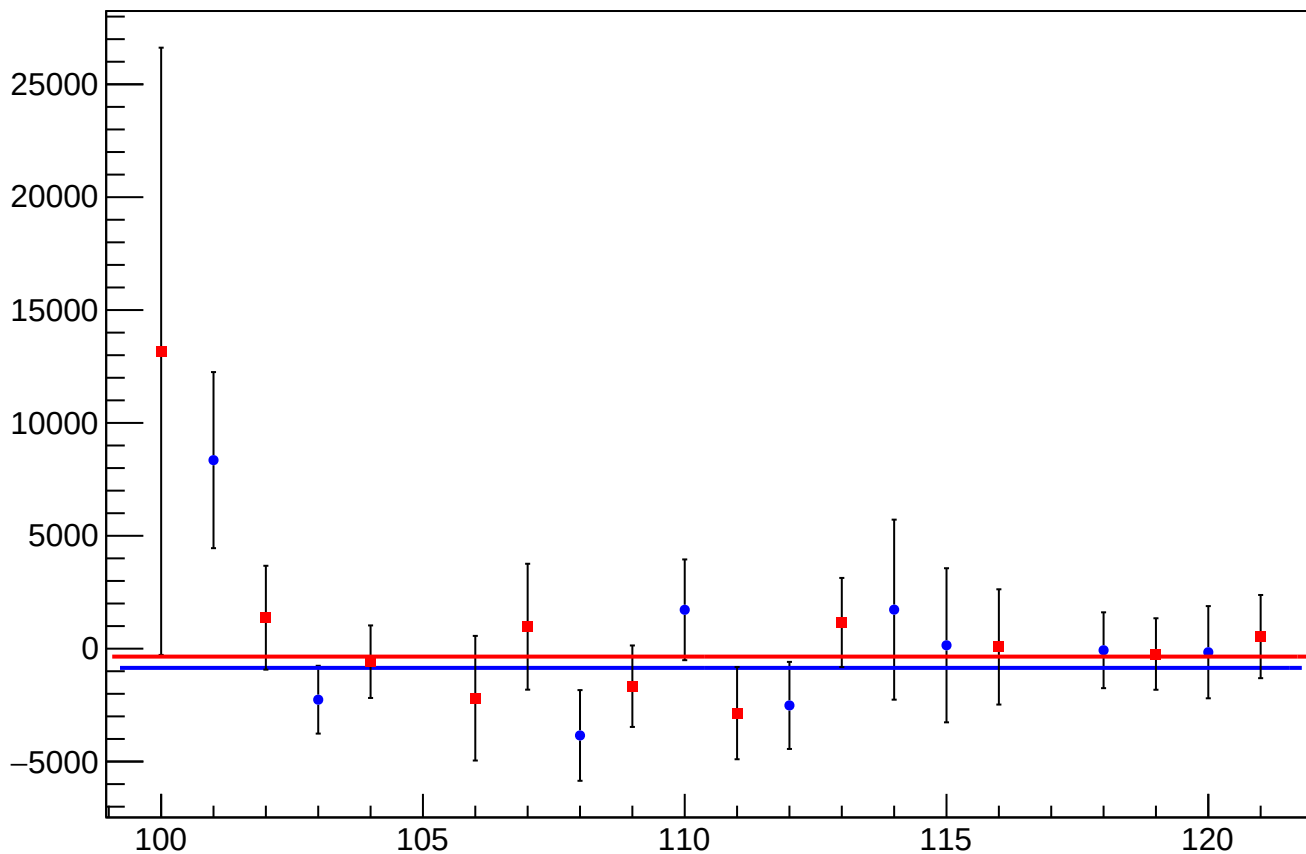
Right: 0.000+/-0.000 χ^2/NDF : 1407949.9/19

In: 0.000+/-0.000 χ^2/NDF : 908767.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1407949.9/19

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -351.659+/-633.518 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

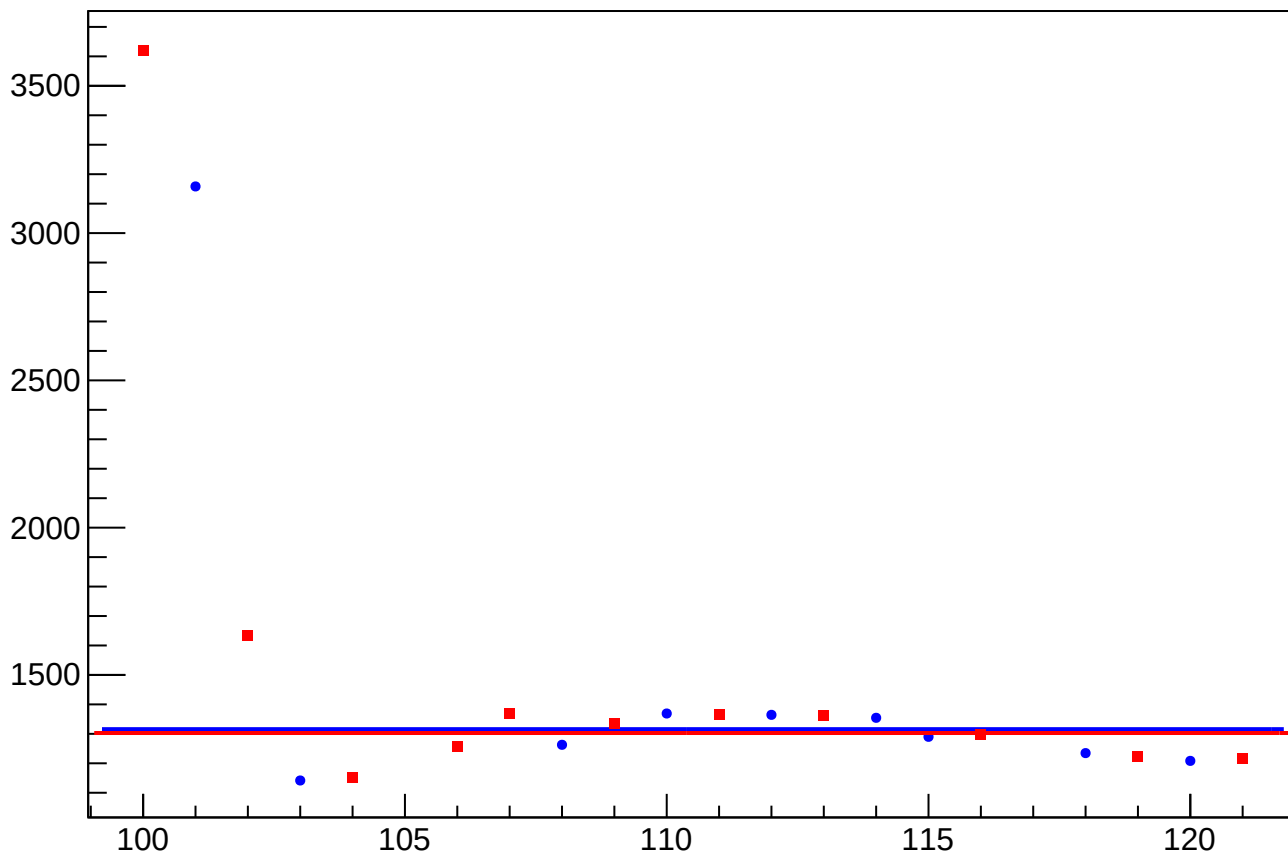
Right: -572.272+/-473.450 χ^2/NDF : 17.0/19

In: -851.359+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -572.272+/-473.450 χ^2/NDF : 17.0/19

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.847+/-0.446 χ^2/NDF : 134351.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

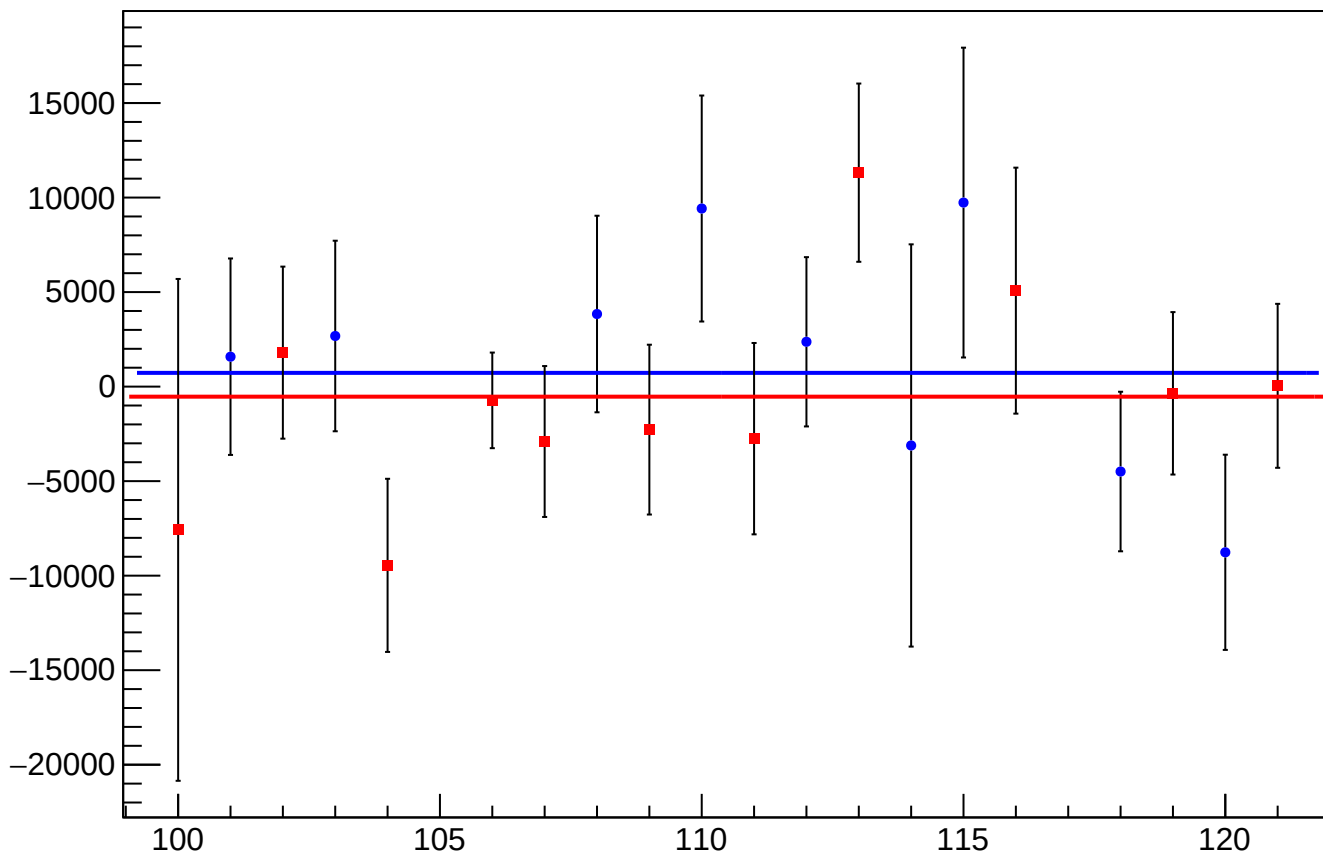
Right: 1308.593+/-0.334 χ^2/NDF : 622367.1/19

In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.593+/-0.334 χ^2/NDF : 622367.1/19

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 727.064+/-1799.843 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.816+/-1307.023 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

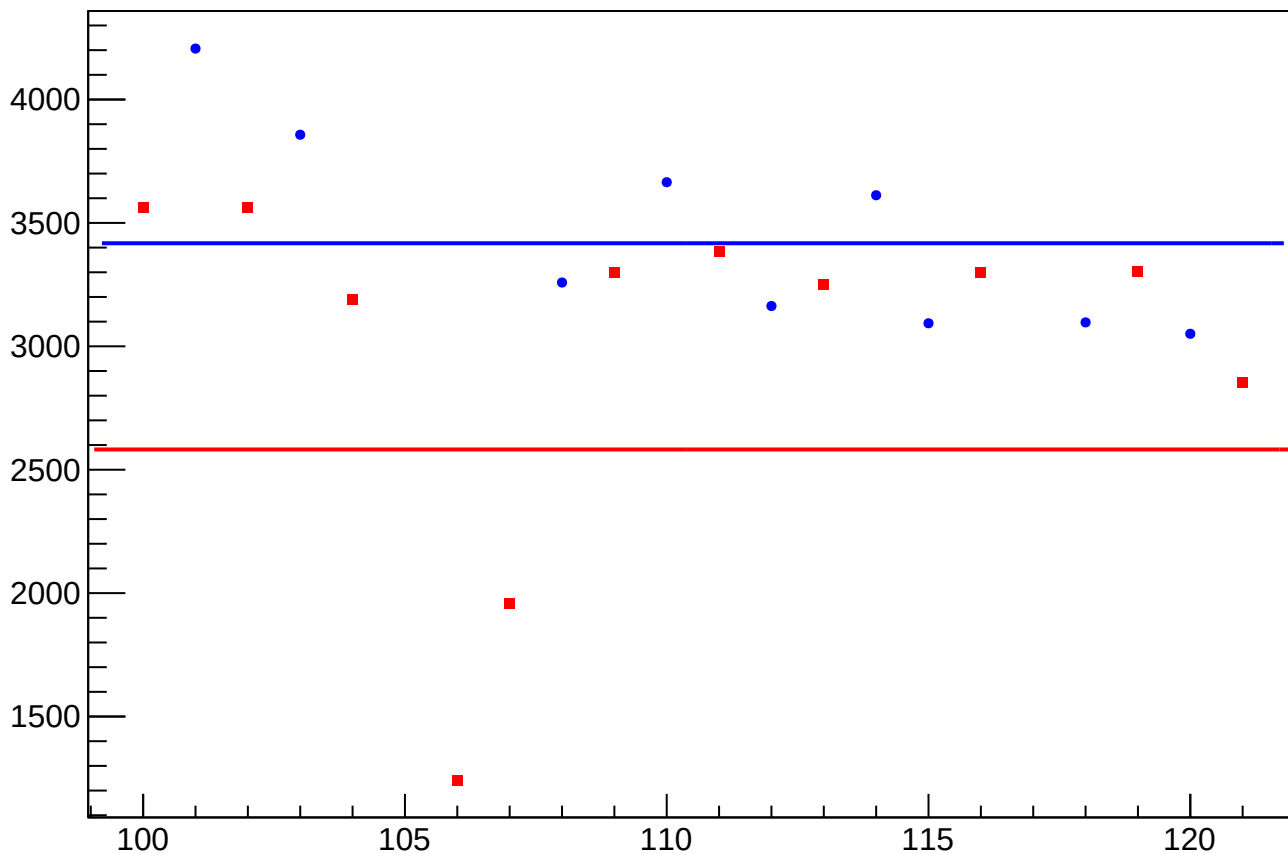
Right: -97.162+/-1057.582 χ^2/NDF : 21.5/19

In: 727.064+/-1799.843 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.162+/-1057.582 χ^2/NDF : 21.5/19

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2582.070+/-0.924 χ^2/NDF : 979256.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

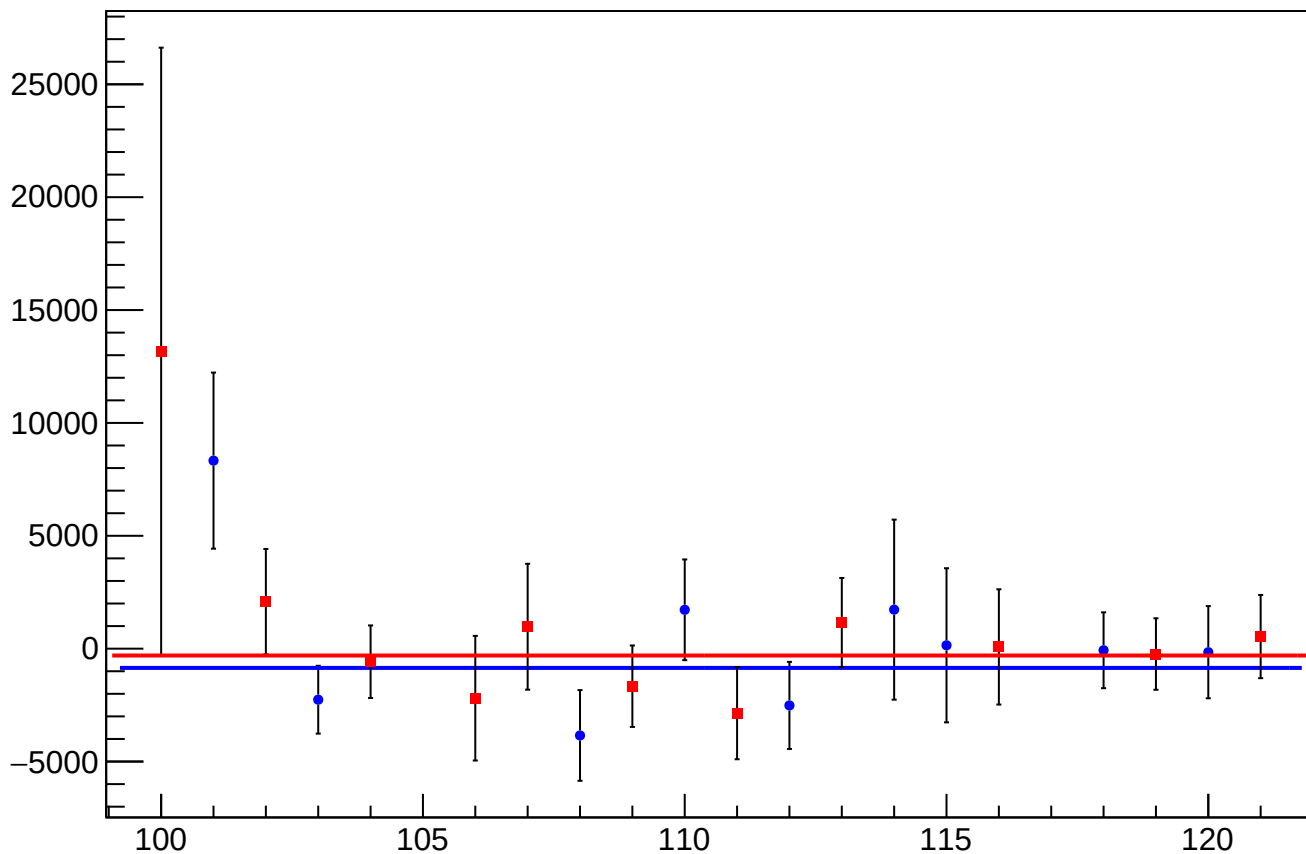
Right: 2870.552+/-0.748 χ^2/NDF : 1359961.3/19

In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2870.552+/-0.748 χ^2/NDF : 1359961.3/19

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

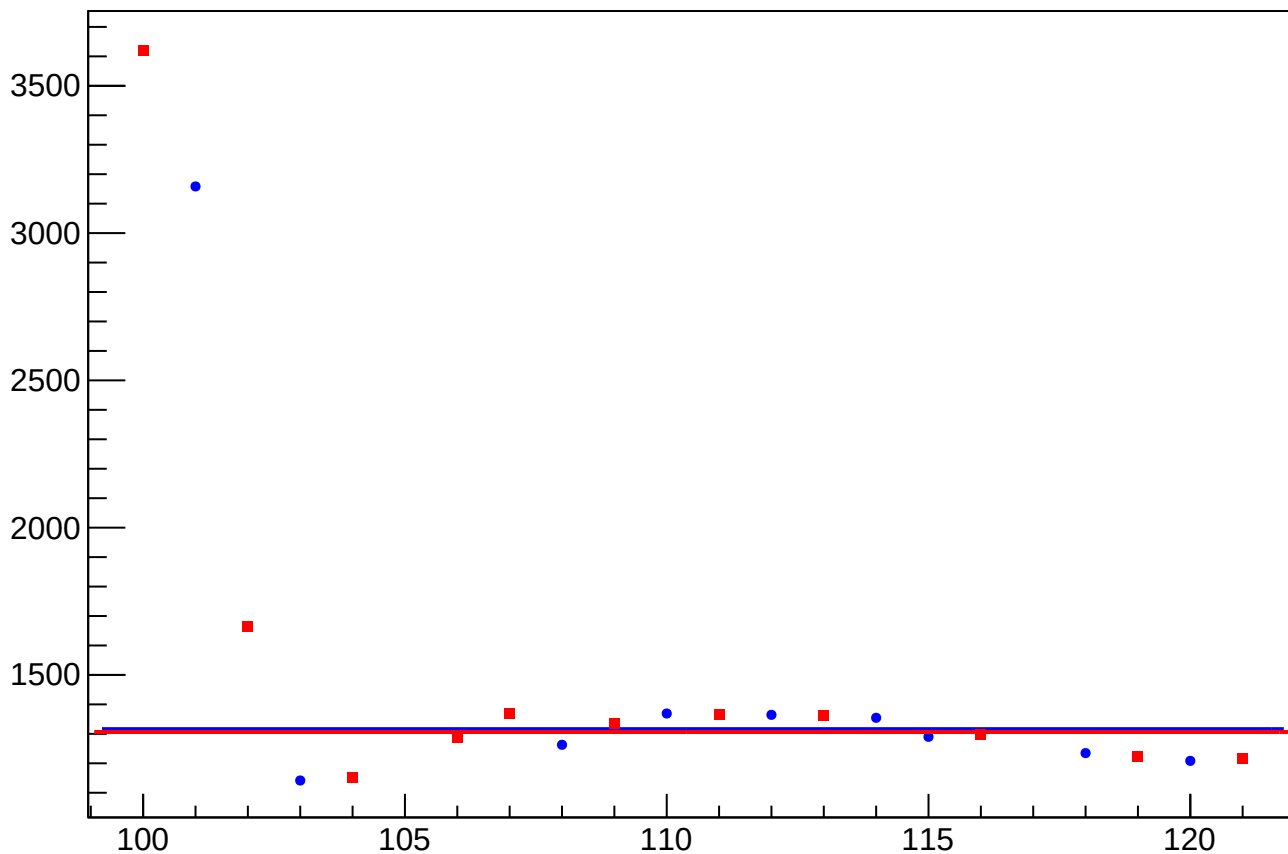
Right: -545.832+/-473.746 χ^2/NDF : 17.5/19

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -545.832+/-473.746 χ^2/NDF : 17.5/19

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

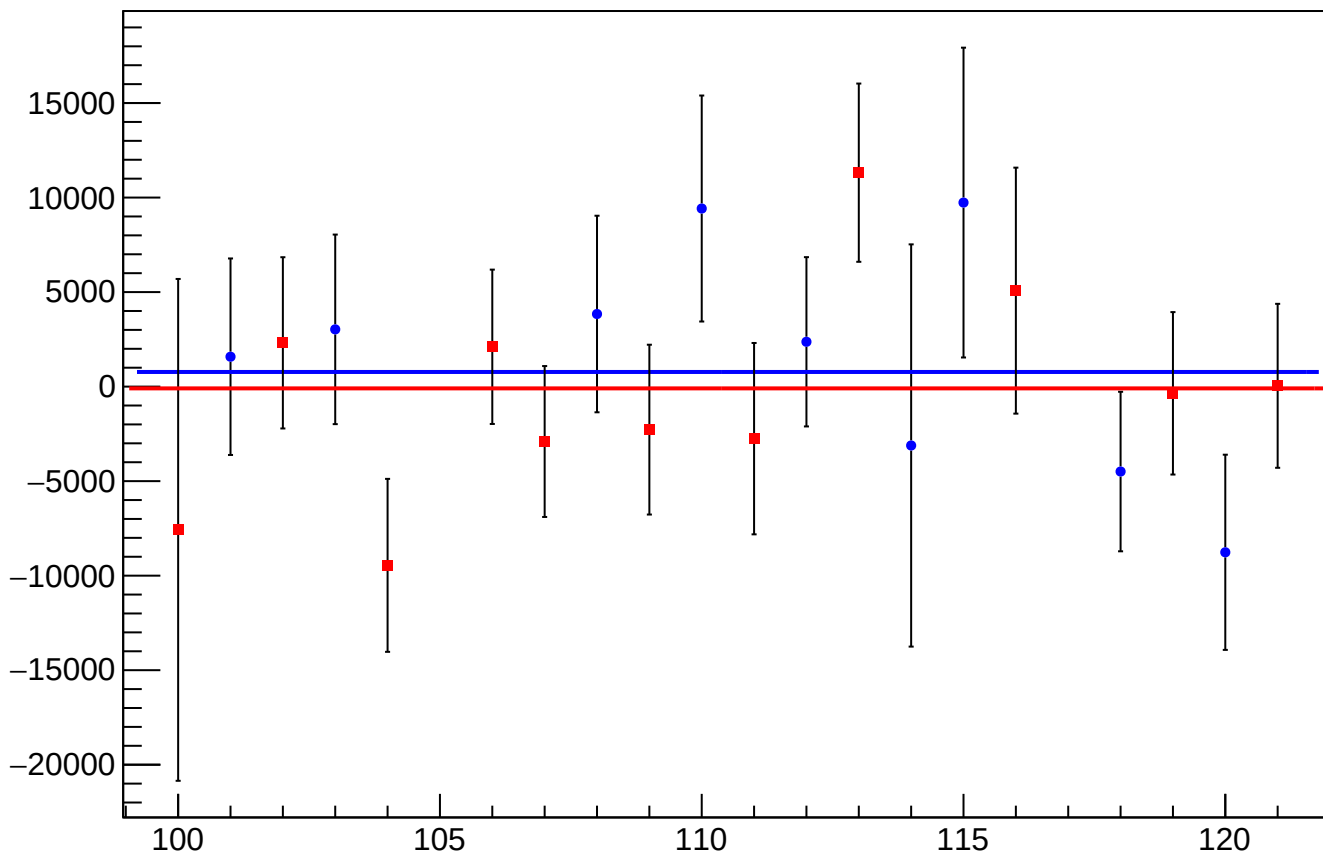
Right: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

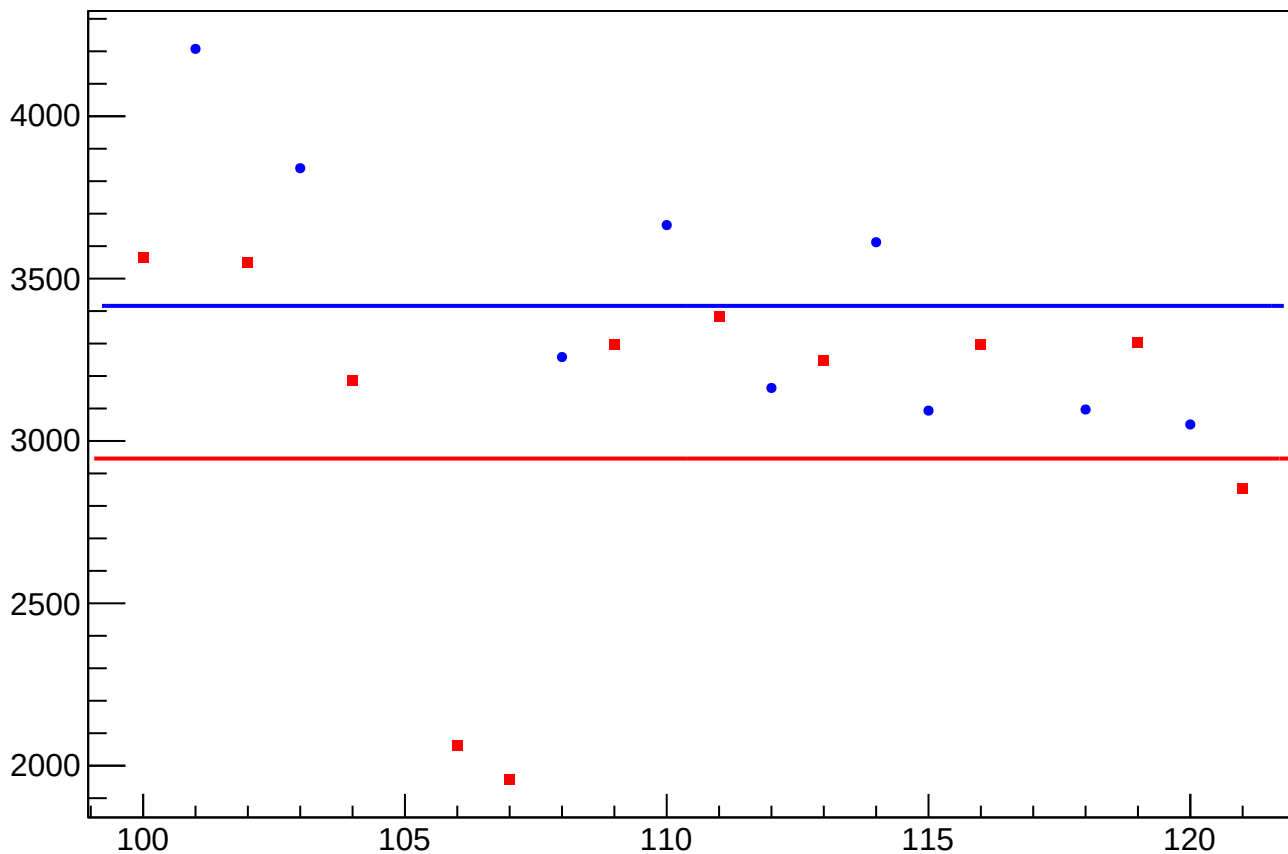
Right: 242.268+/-1118.976 χ^2/NDF : 21.8/19

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.268+/-1118.976 χ^2/NDF : 21.8/19

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

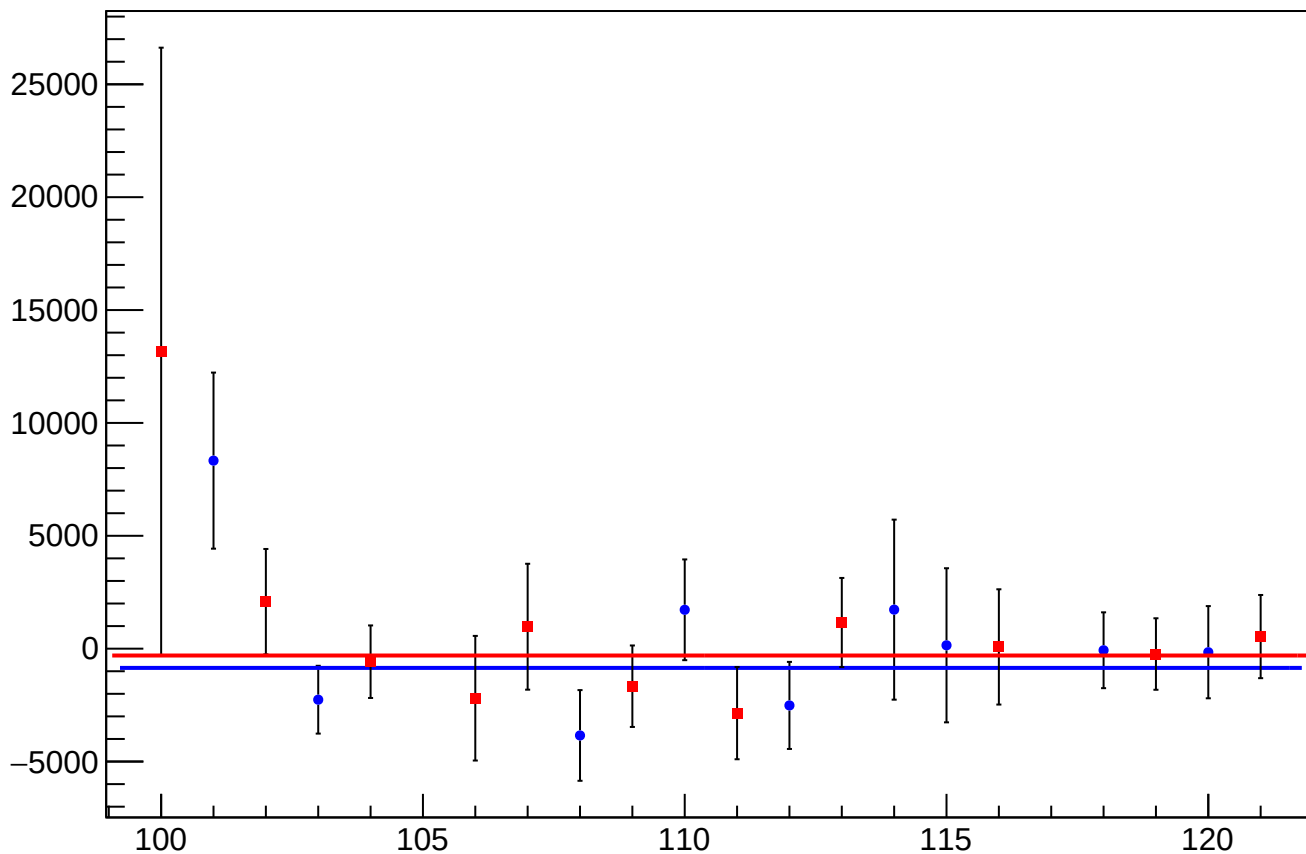
Right: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

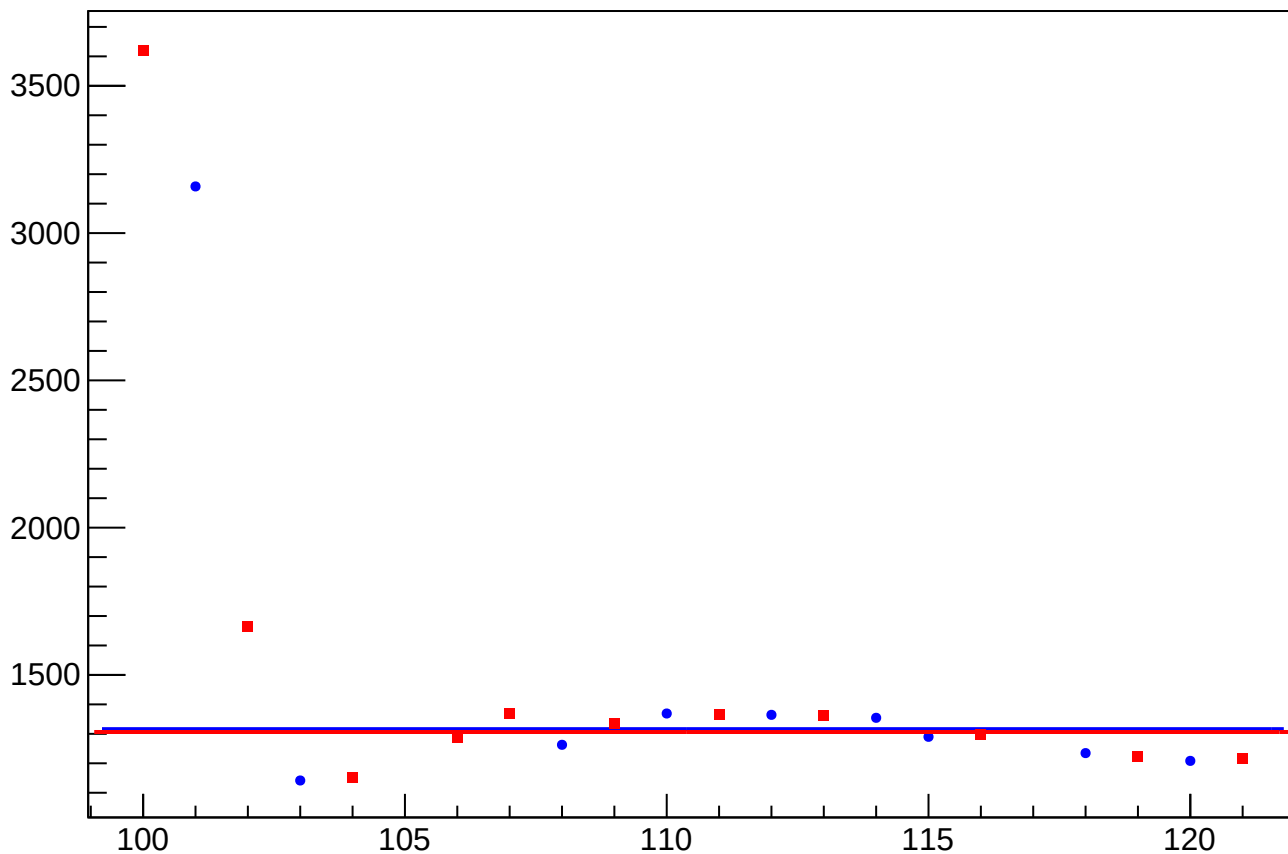
Right: -545.832+/-473.746 χ^2/NDF : 17.5/19

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -545.832+/-473.746 χ^2/NDF : 17.5/19

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

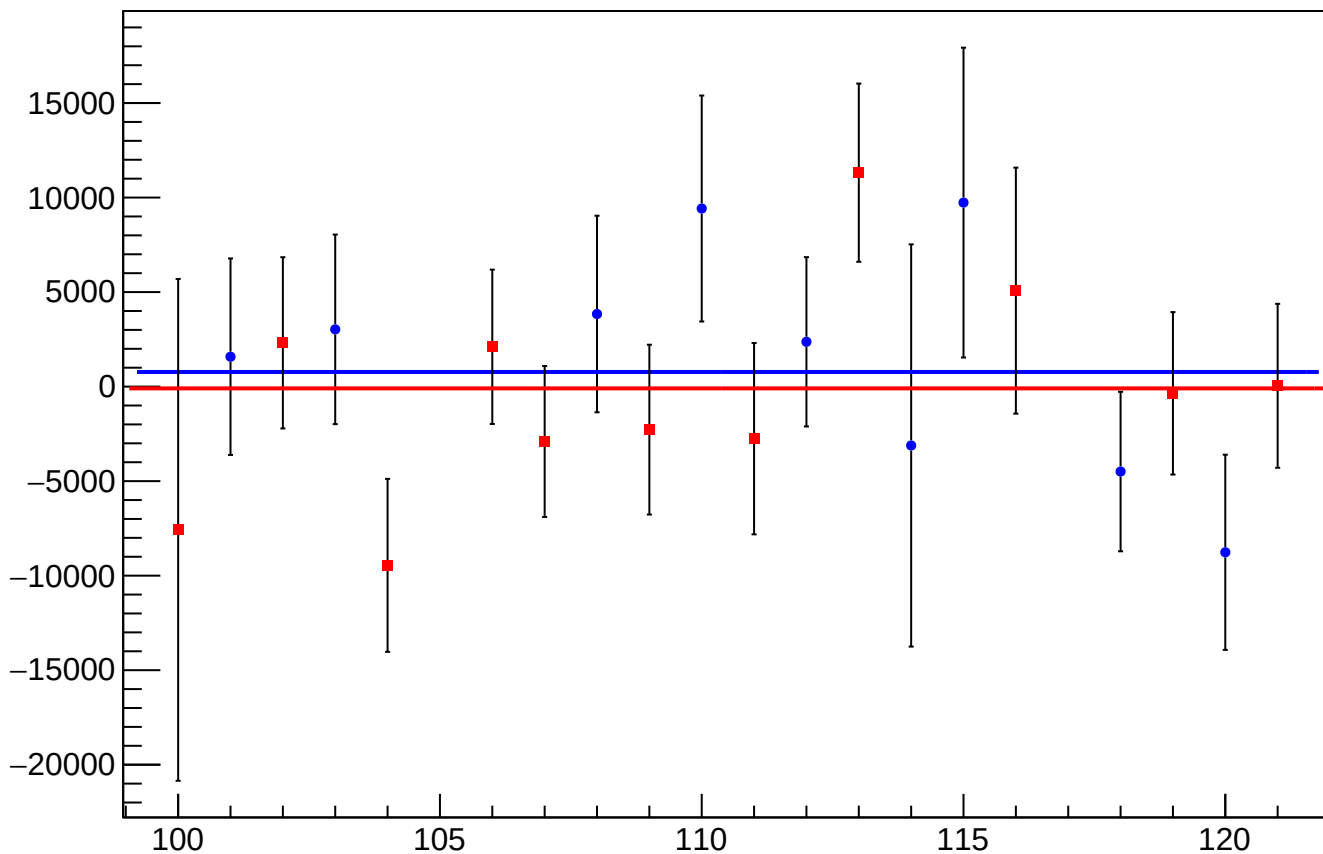
Right: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

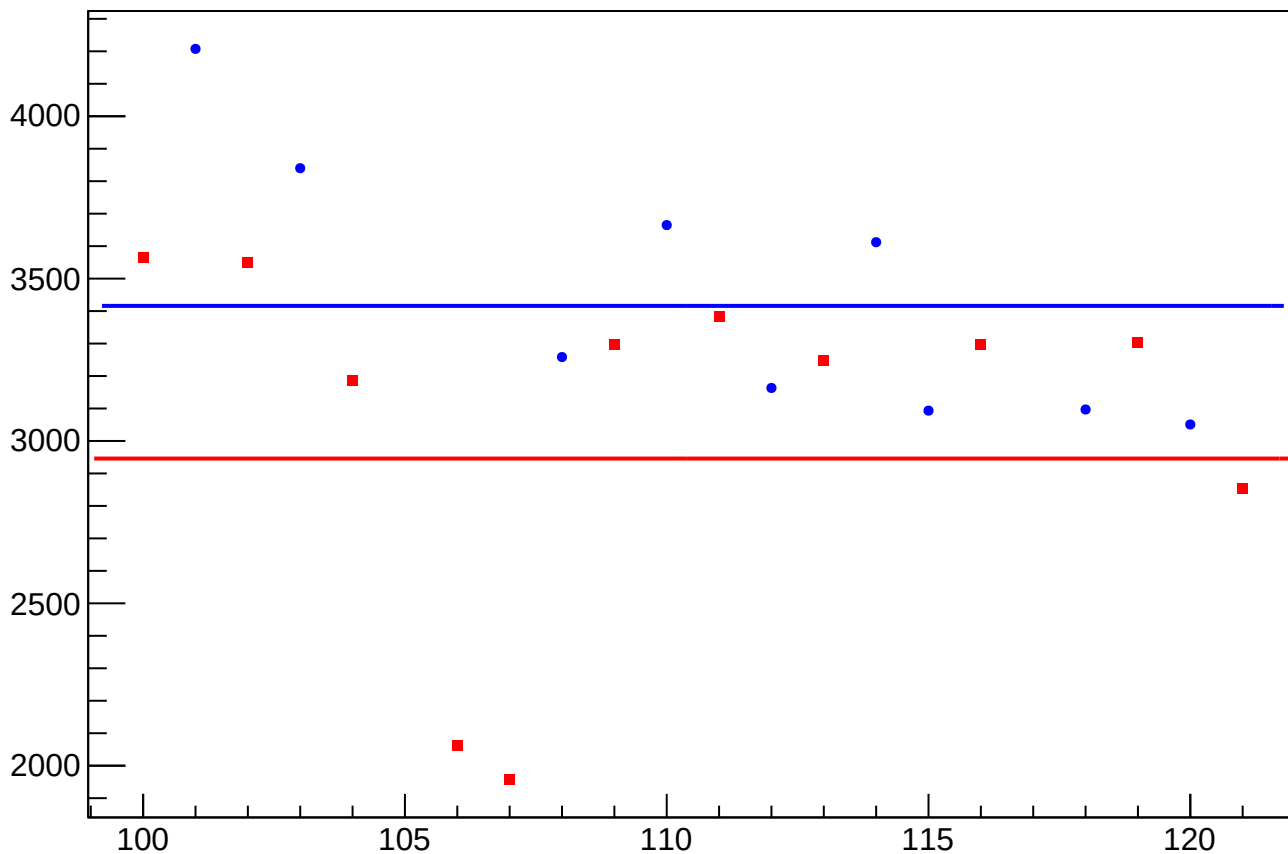
Right: 242.268+/-1118.976 χ^2/NDF : 21.8/19

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.268+/-1118.976 χ^2/NDF : 21.8/19

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

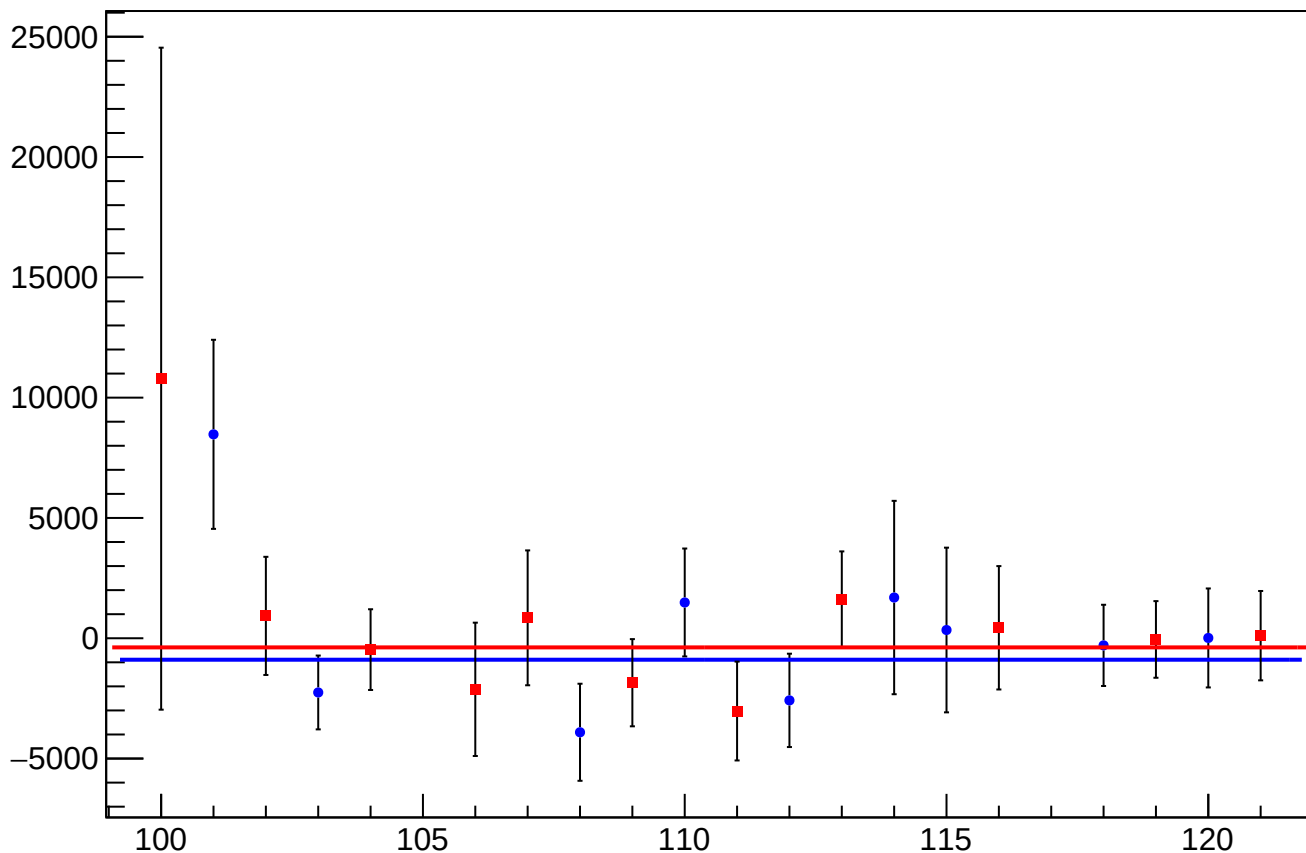
Right: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.809+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

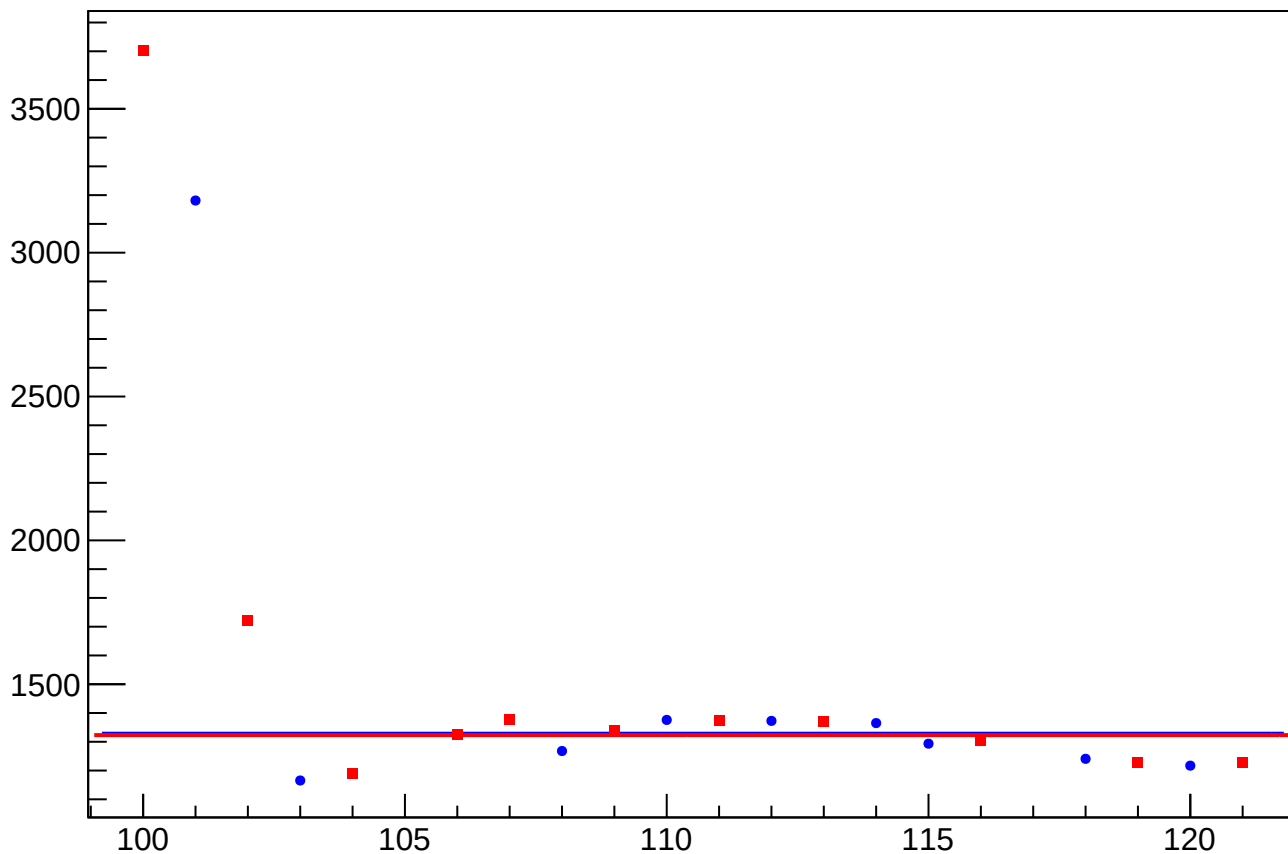
Right: -607.767+/-479.484 χ^2/NDF : 16.8/19

In: -892.330+/-718.956 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -607.767+/-479.484 χ^2/NDF : 16.8/19

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

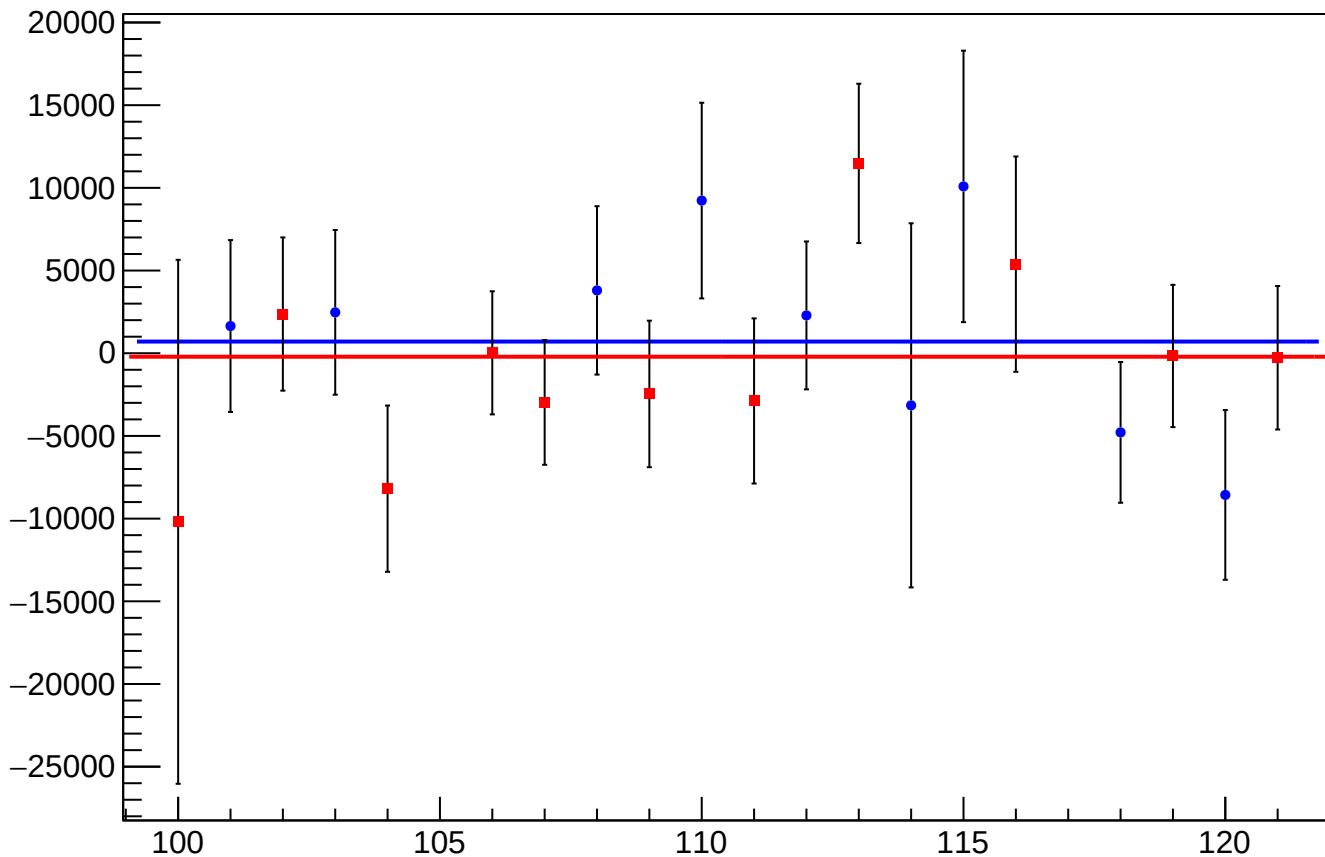
Right: 1325.322+/-0.339 χ^2/NDF : 623501.9/19

In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.322+/-0.339 χ^2/NDF : 623501.9/19

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.111+/-1417.731 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

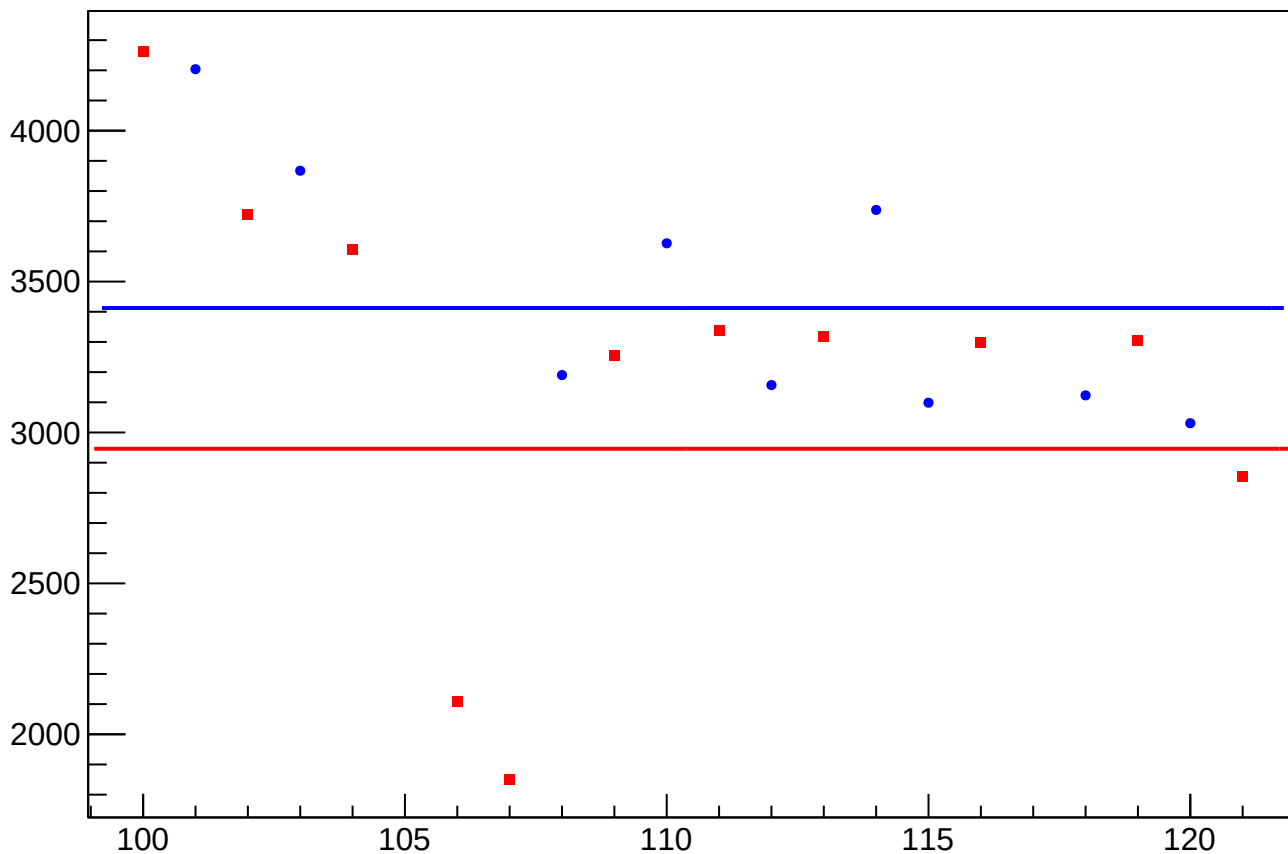
Right: 142.390+/-1112.245 χ^2/NDF : 20.2/19

In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.390+/-1112.245 χ^2/NDF : 20.2/19

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2946.176+/-1.002 χ^2/NDF : 429902.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

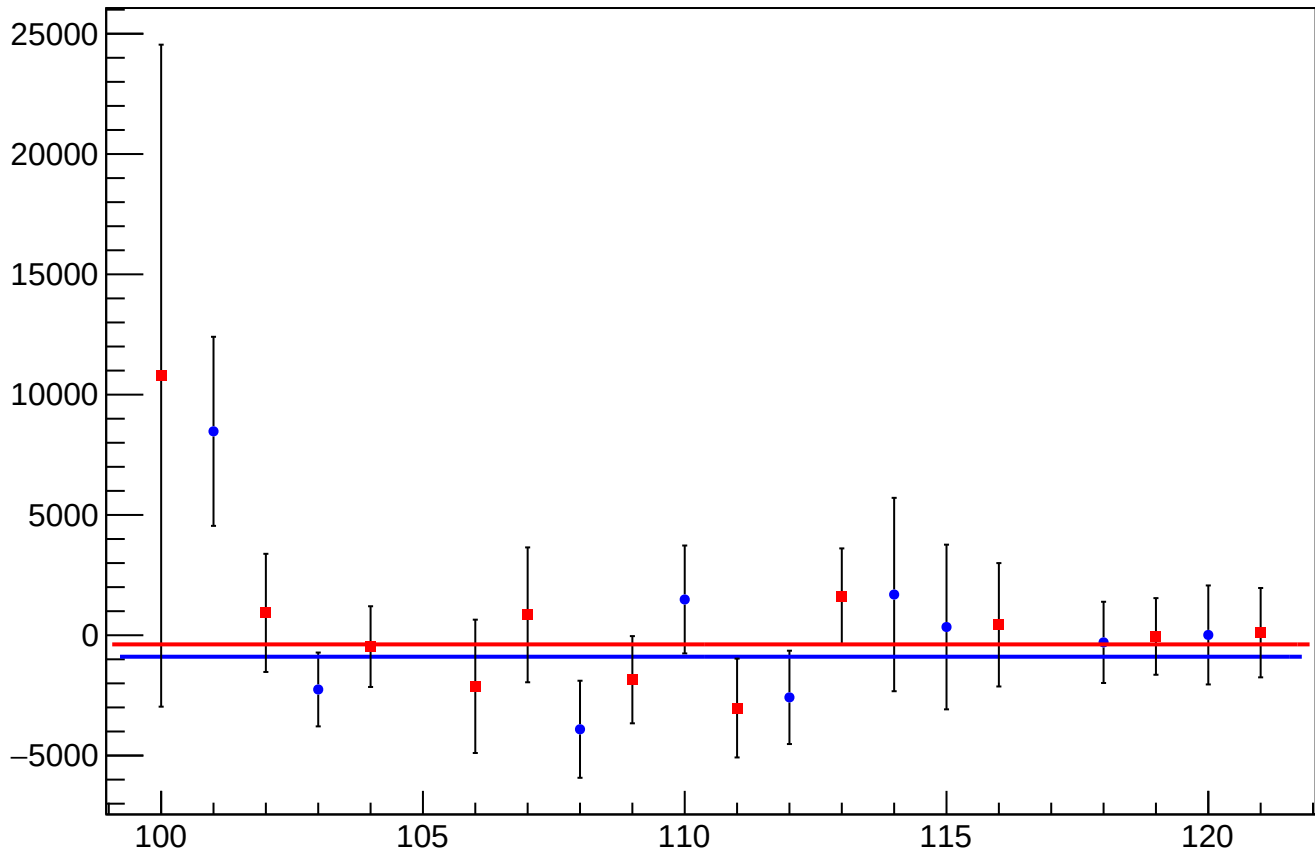
Right: 3125.434+/-0.786 χ^2/NDF : 614071.4/19

In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.434+/-0.786 χ^2/NDF : 614071.4/19

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -379.818+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

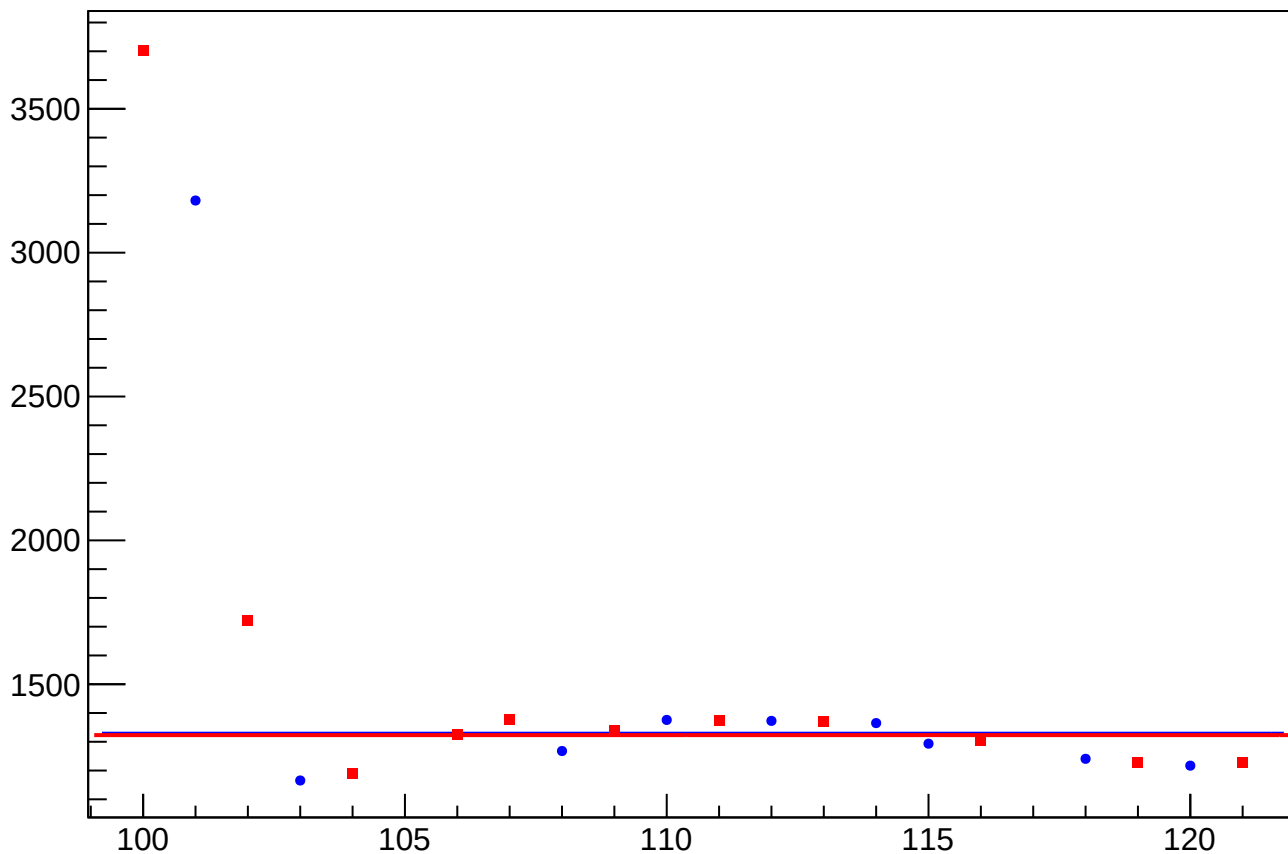
Right: -607.771+/-479.484 χ^2/NDF : 16.8/19

In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.771+/-479.484 χ^2/NDF : 16.8/19

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

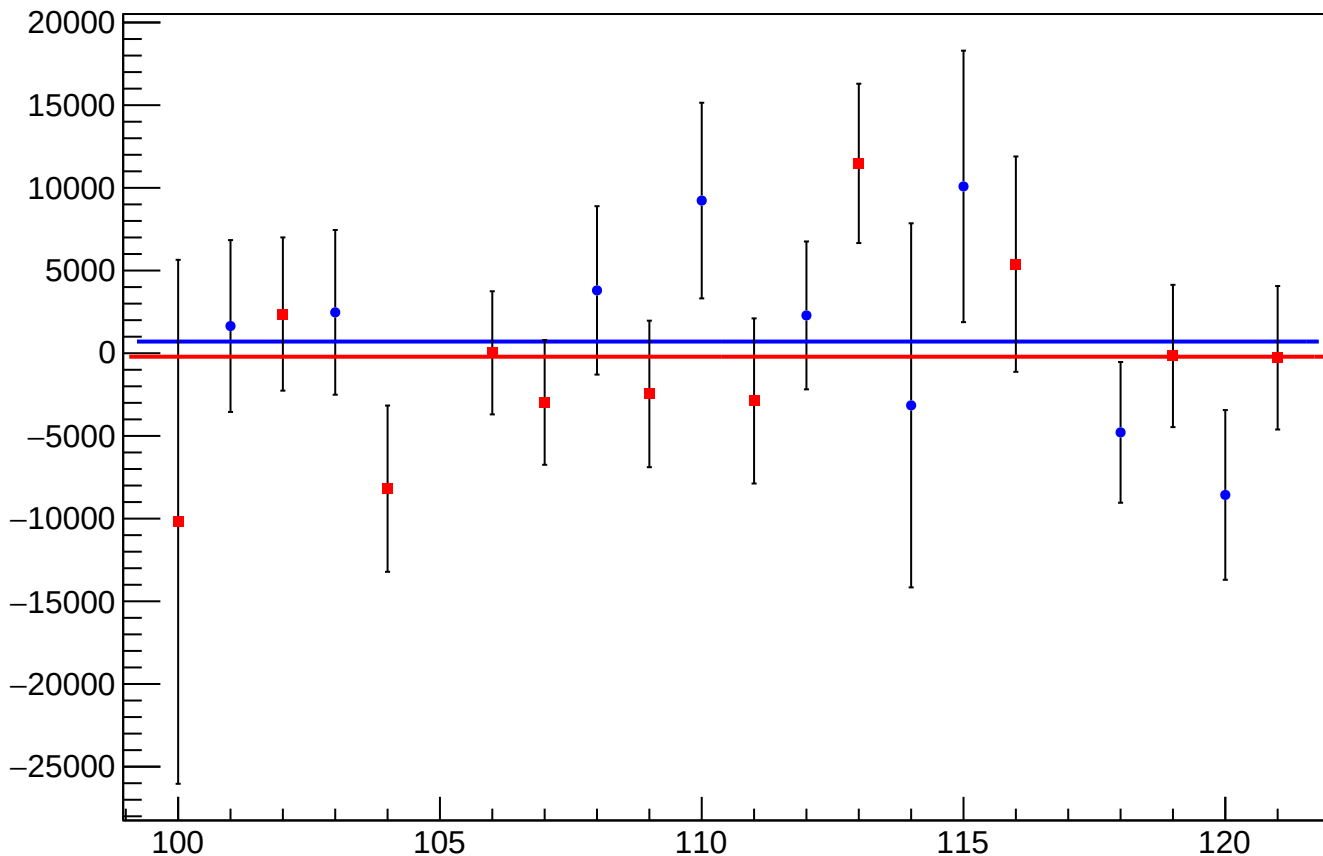
Right: 1325.322+/-0.339 χ^2/NDF : 623502.0/19

In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.322+/-0.339 χ^2/NDF : 623502.0/19

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.114+/-1417.728 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

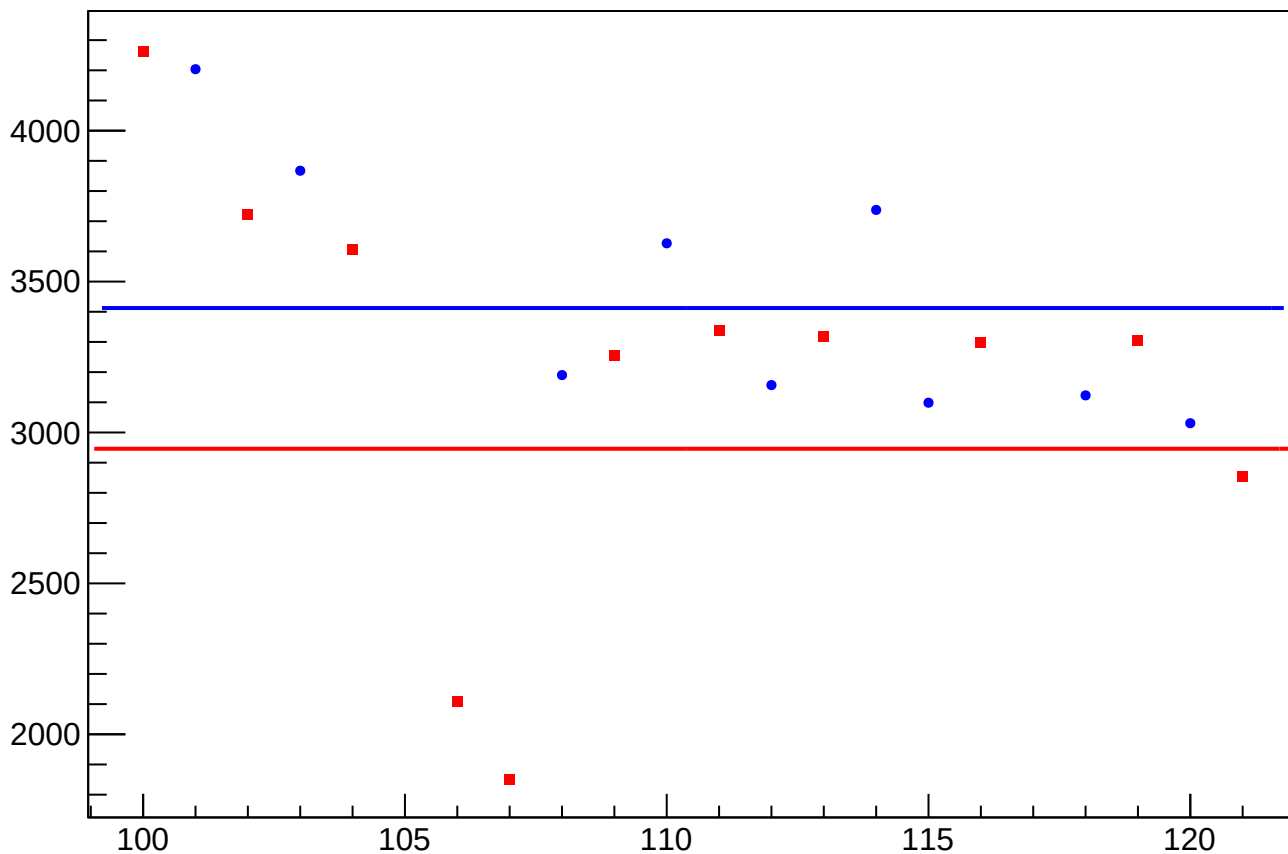
Right: 142.385+/-1112.242 χ^2/NDF : 20.2/19

In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.385+/-1112.242 χ^2/NDF : 20.2/19

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2946.169+/-1.002 χ^2/NDF : 429904.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

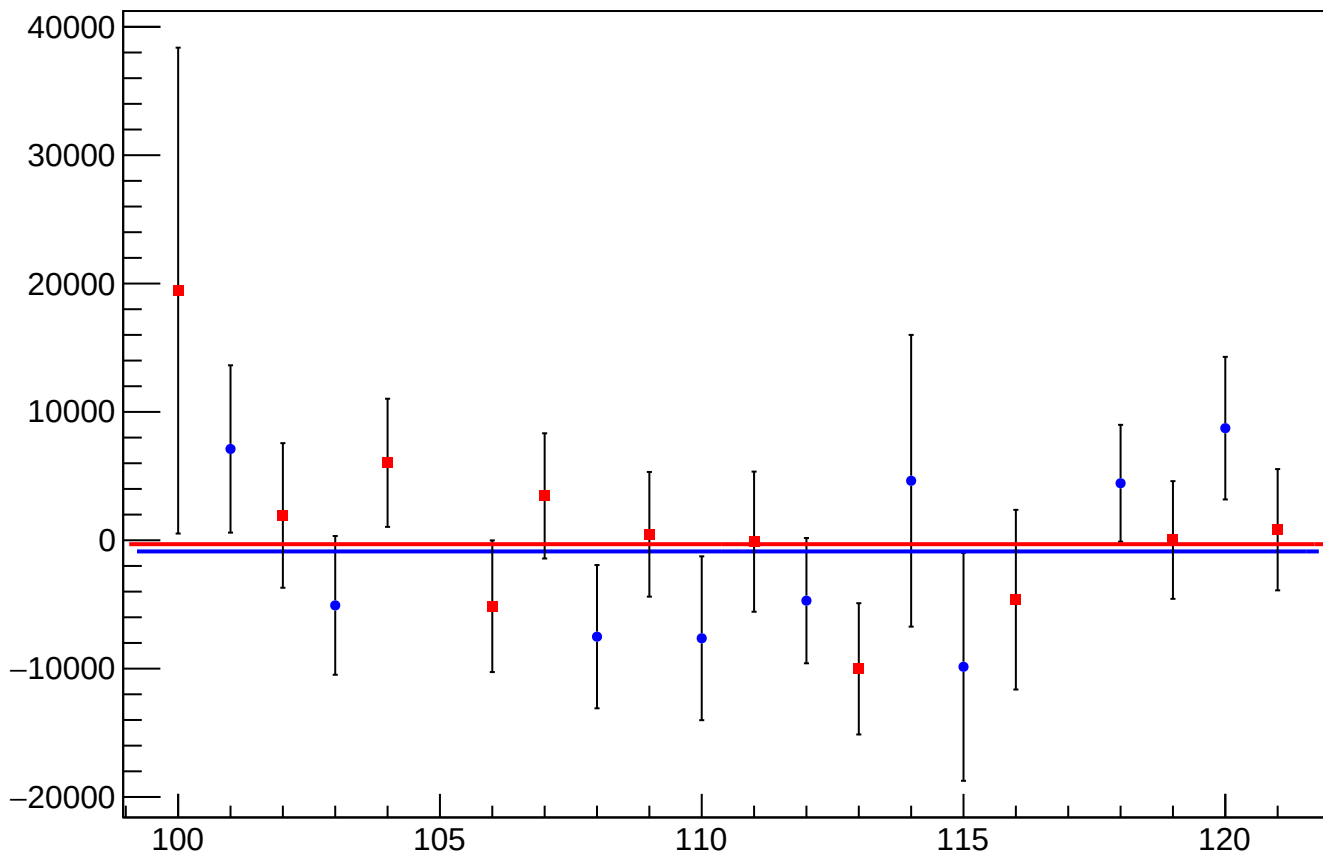
Right: 3125.426+/-0.786 χ^2/NDF : 614075.4/19

In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.426+/-0.786 χ^2/NDF : 614075.4/19

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.655+/-1619.062 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

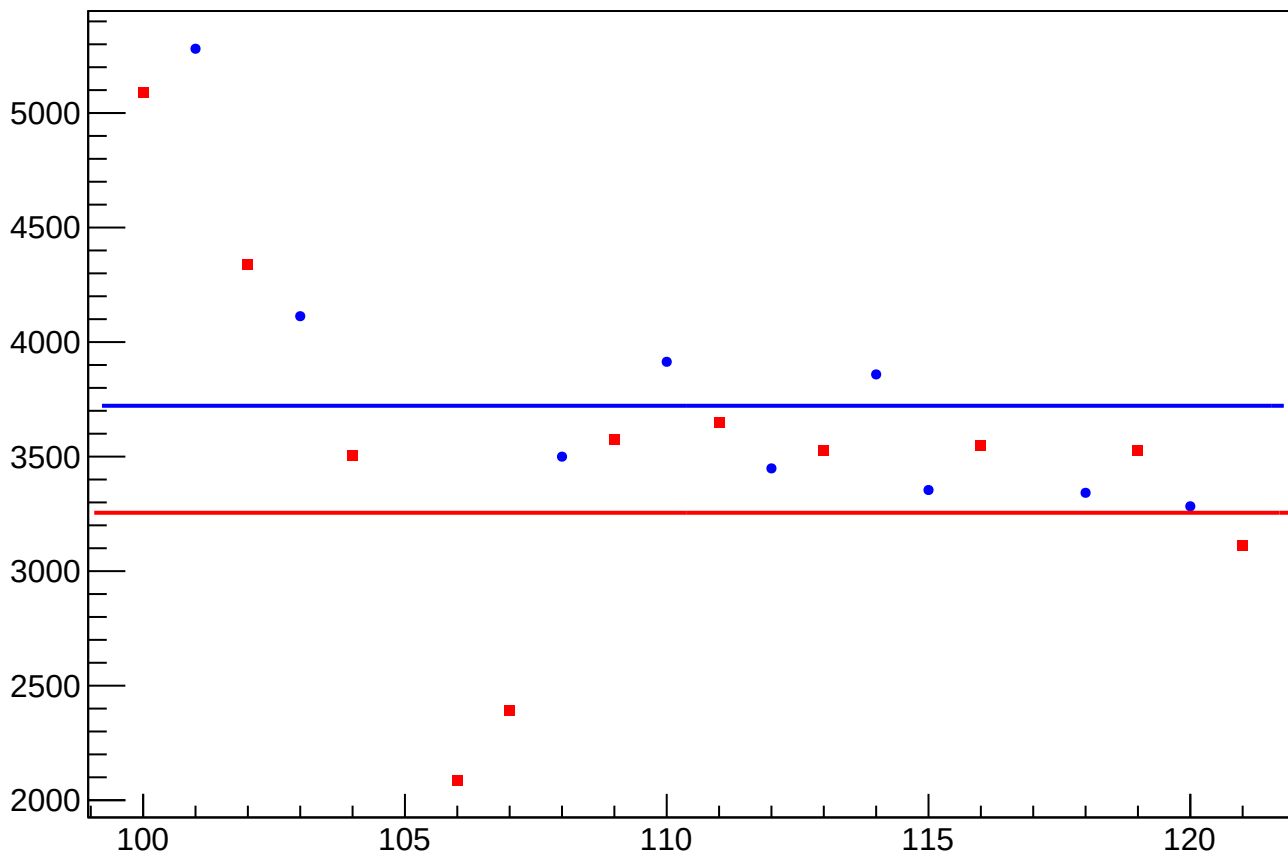
Right: -532.215+/-1250.940 χ^2/NDF : 19.3/19

In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.215+/-1250.940 χ^2/NDF : 19.3/19

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3254.864+/-1.122 χ^2/NDF : 343171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

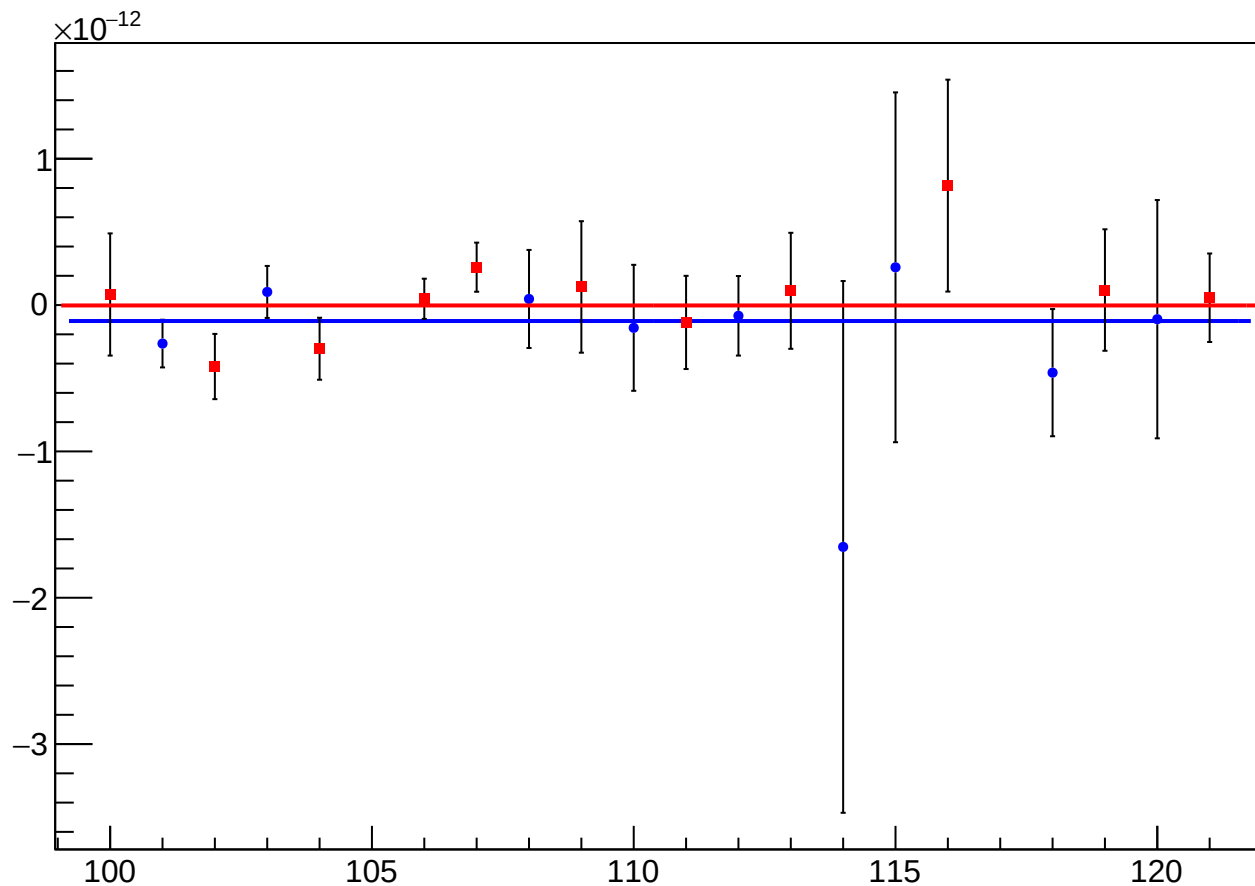
Right: 3438.642+/-0.874 χ^2/NDF : 577588.8/19

In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3438.642+/-0.874 χ^2/NDF : 577588.8/19

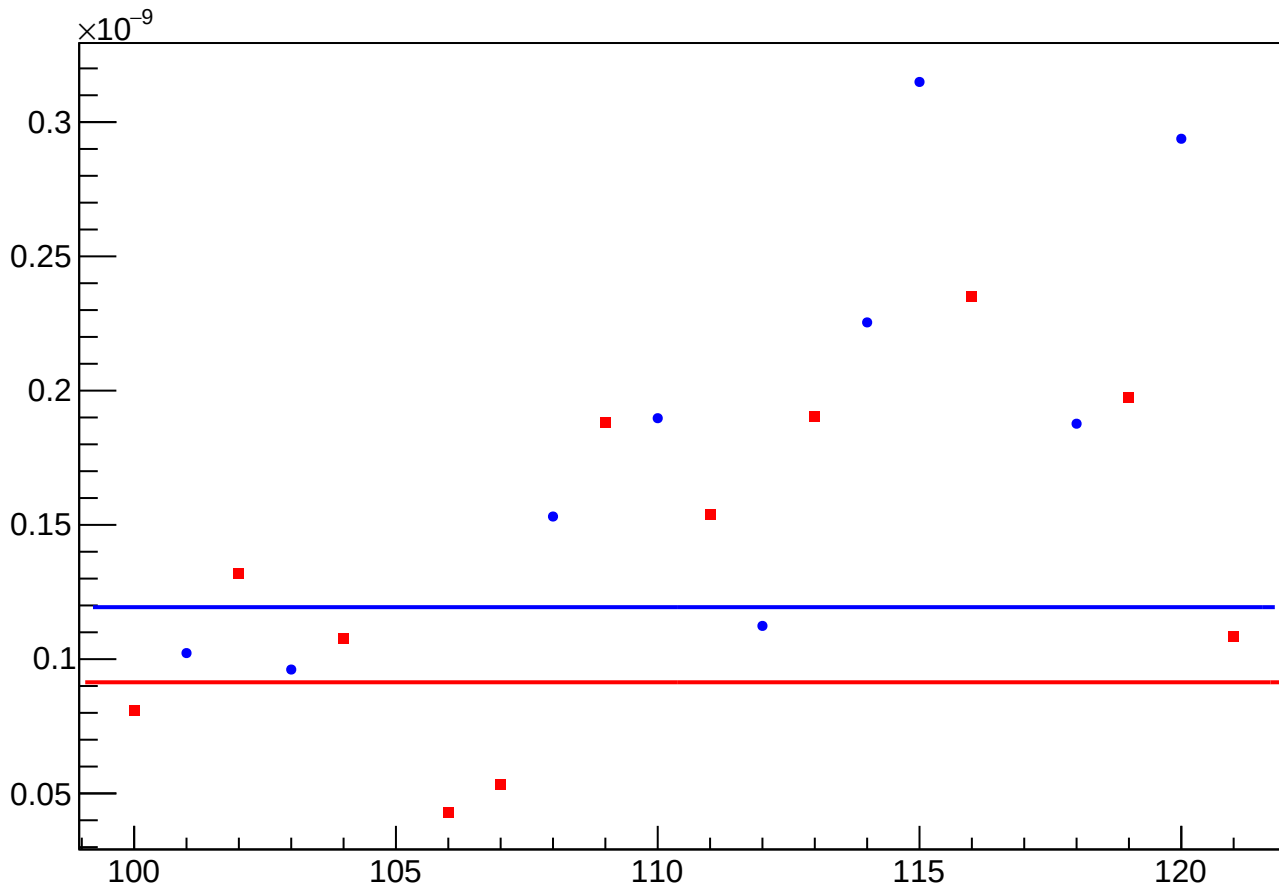
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.9/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 9.7/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 14.3/19
 In: -0.000+/-0.000 χ^2 /NDF:3.9/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 14.3/19

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 941096.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

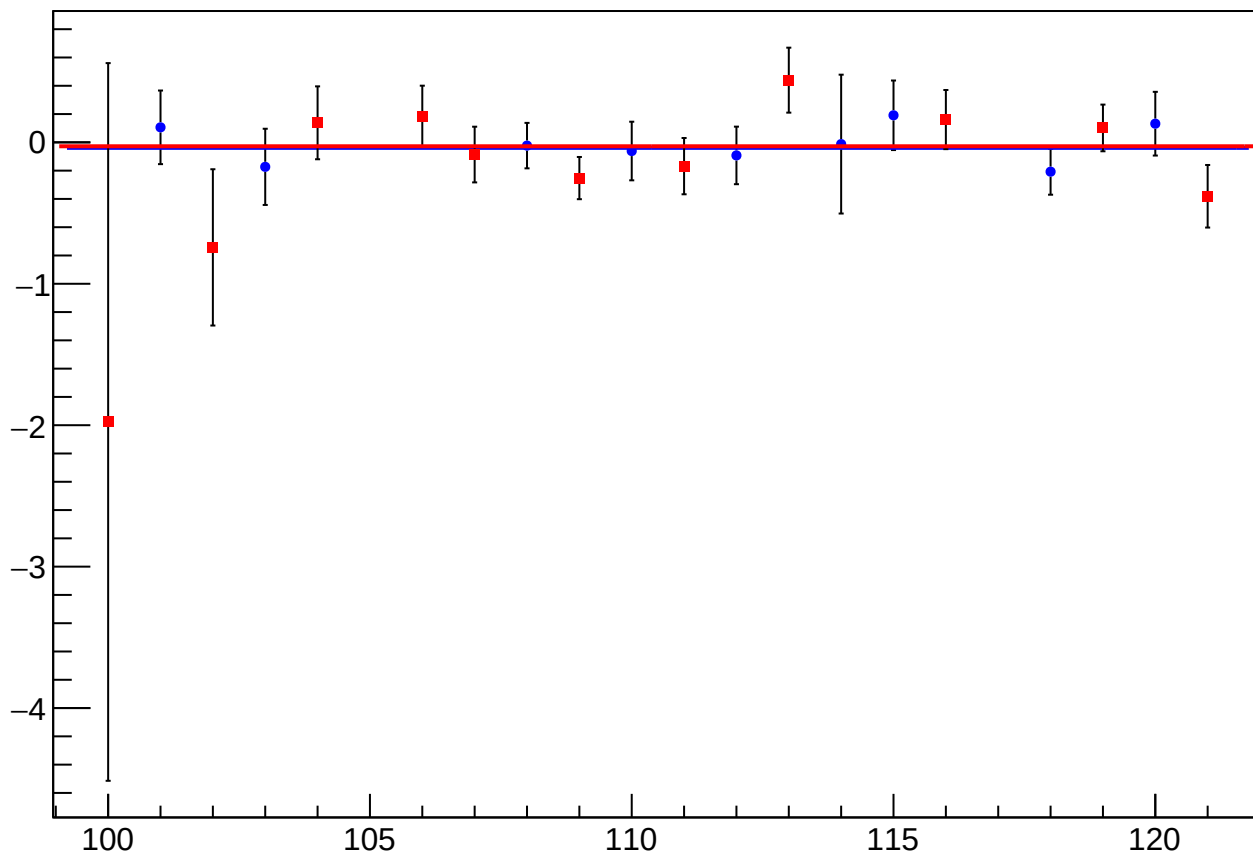
Right: 0.000+/-0.000 χ^2/NDF : 1376984.2/19

In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1376984.2/19

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 $\pm$ 0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.065 χ^2 /NDF: 14.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

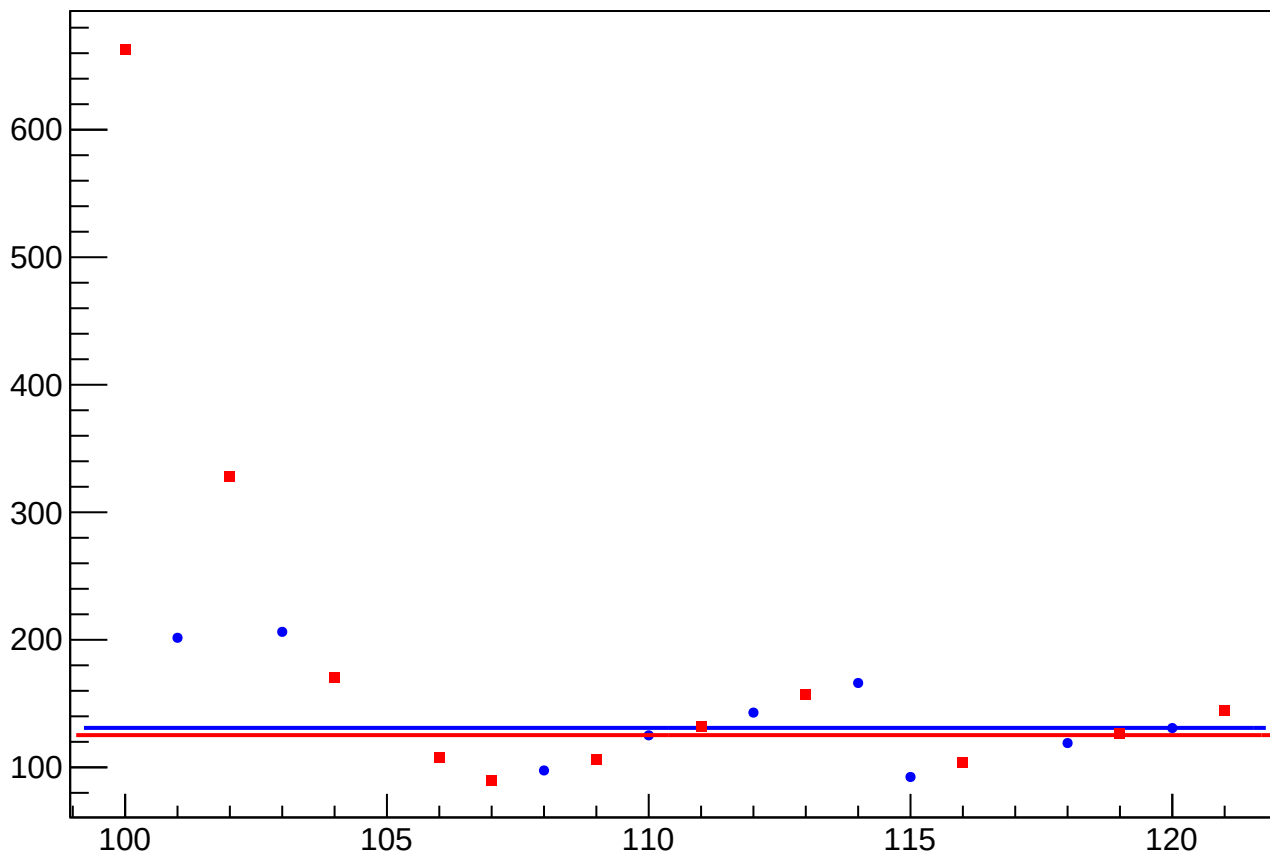
Right: -0.033 $\pm$ 0.048 χ^2 /NDF: 17.8/19

In: -0.039 $\pm$ 0.072 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.048 χ^2 /NDF: 17.8/19

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

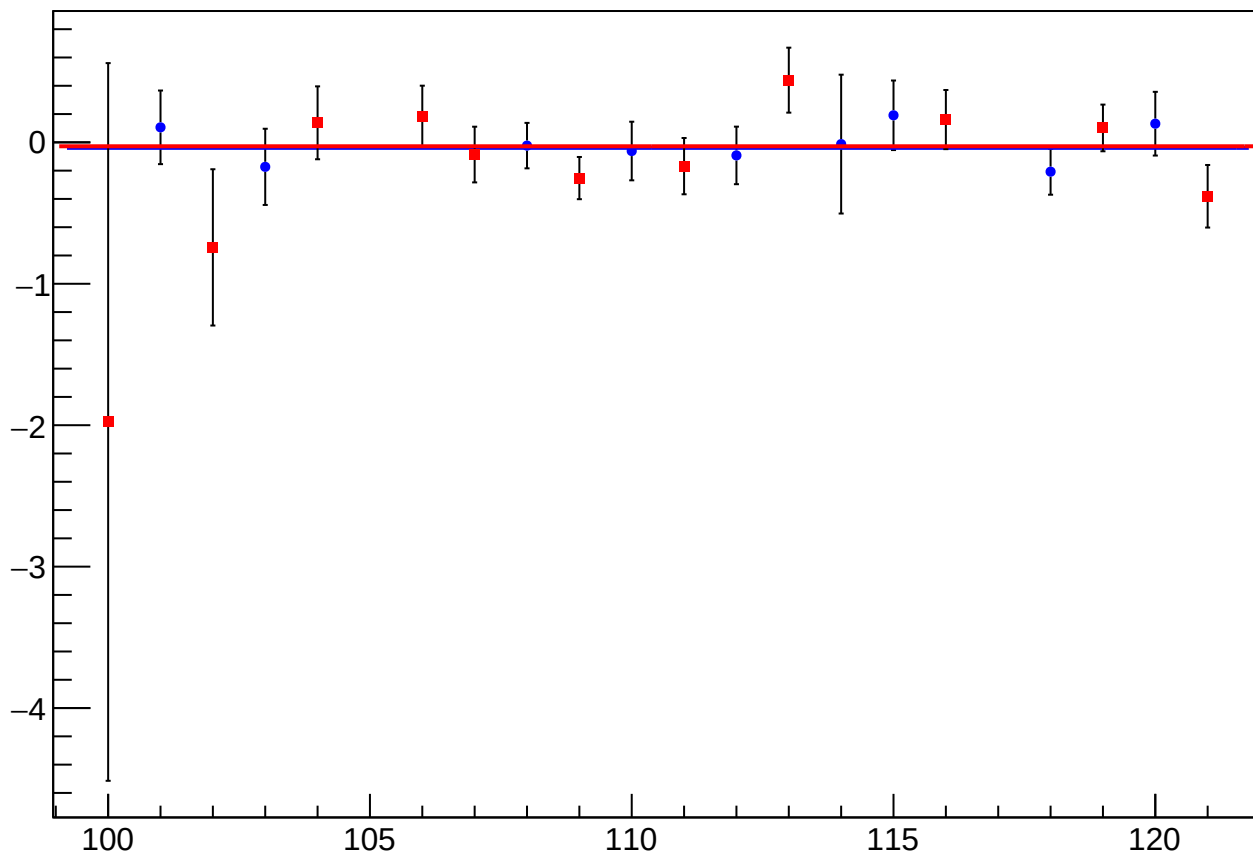
Right: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

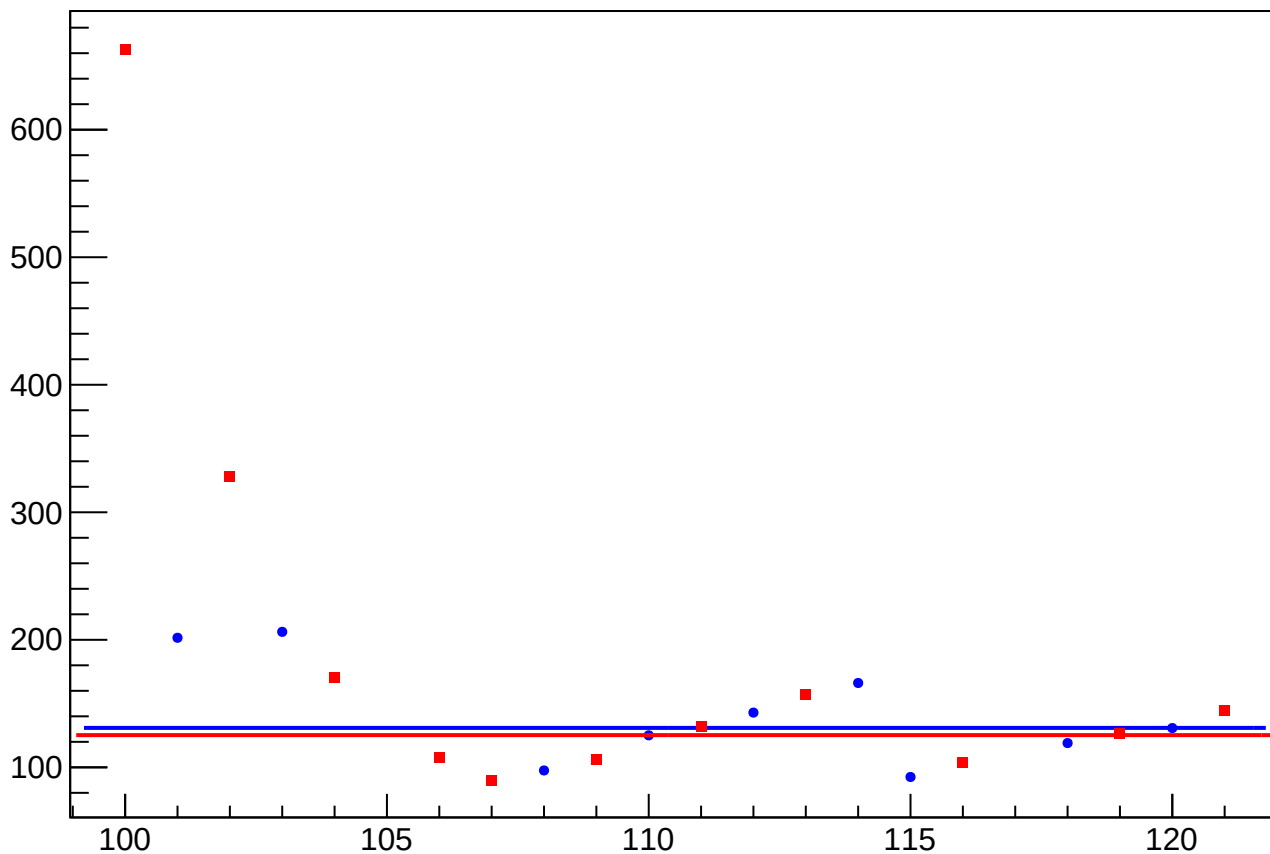
Right: -0.033 ± 0.048 χ^2/NDF : 17.8/19

In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.048 χ^2/NDF : 17.8/19

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

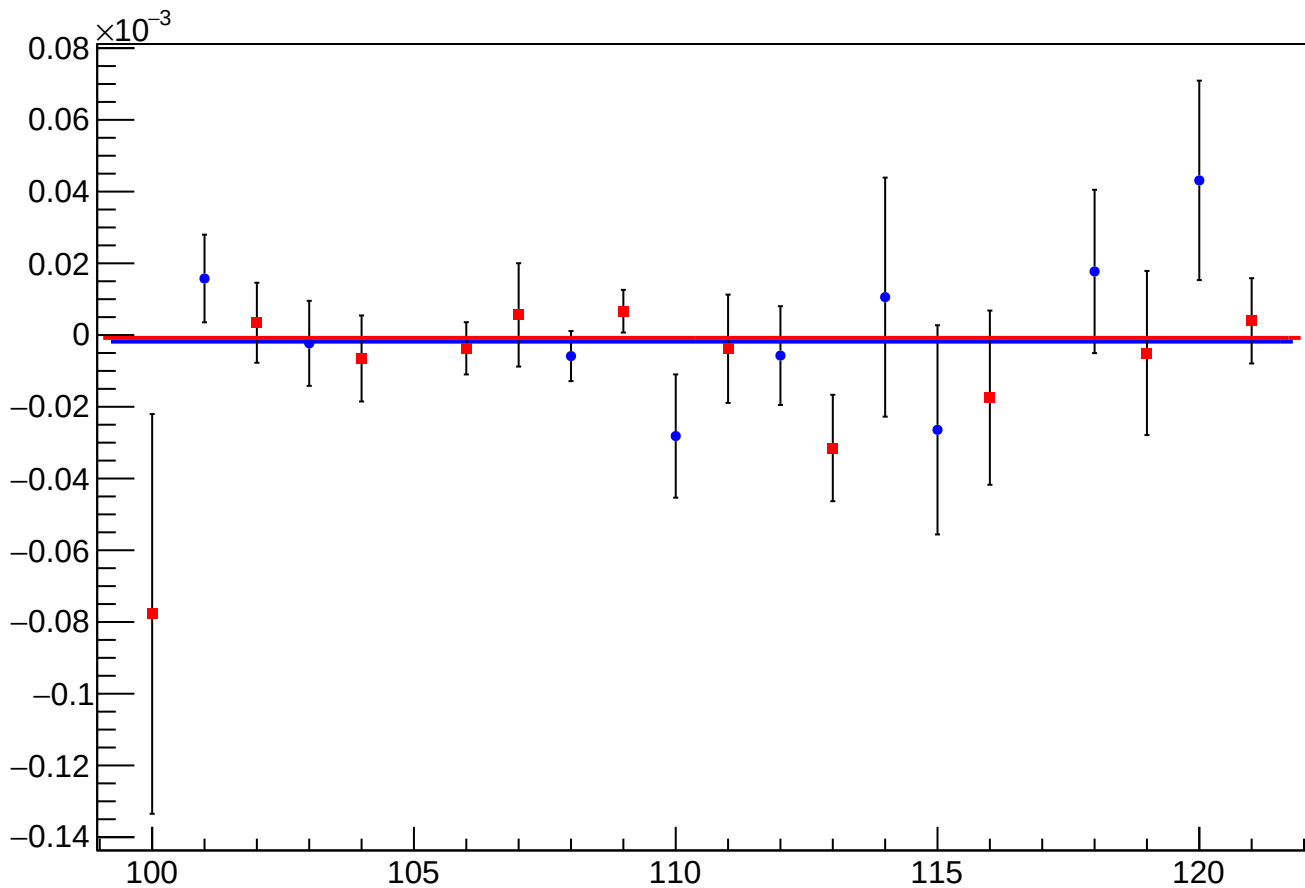
Right: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

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 : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

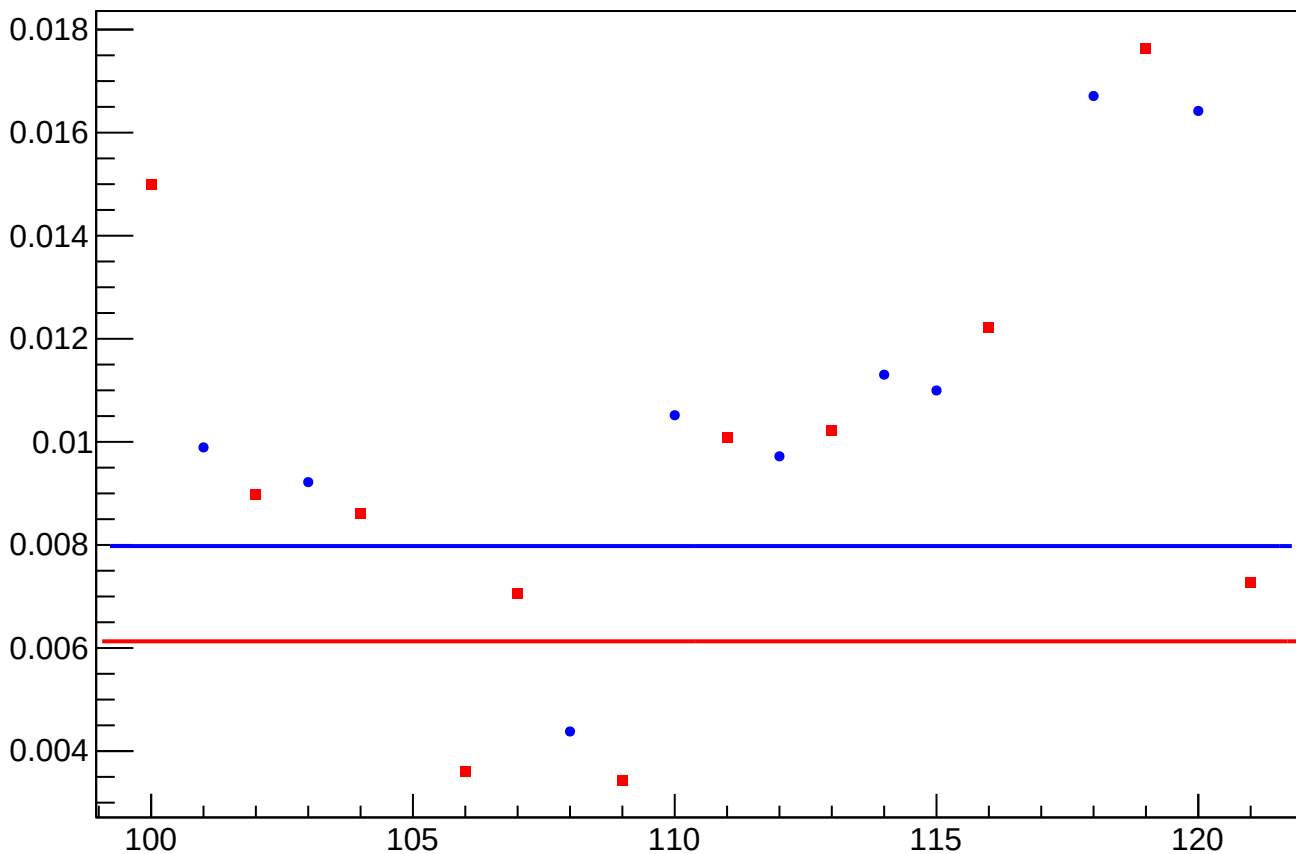
Right: -0.000+/-0.000 χ^2/NDF : 18.3/19

In: -0.000+/-0.000 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/19

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1865475.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

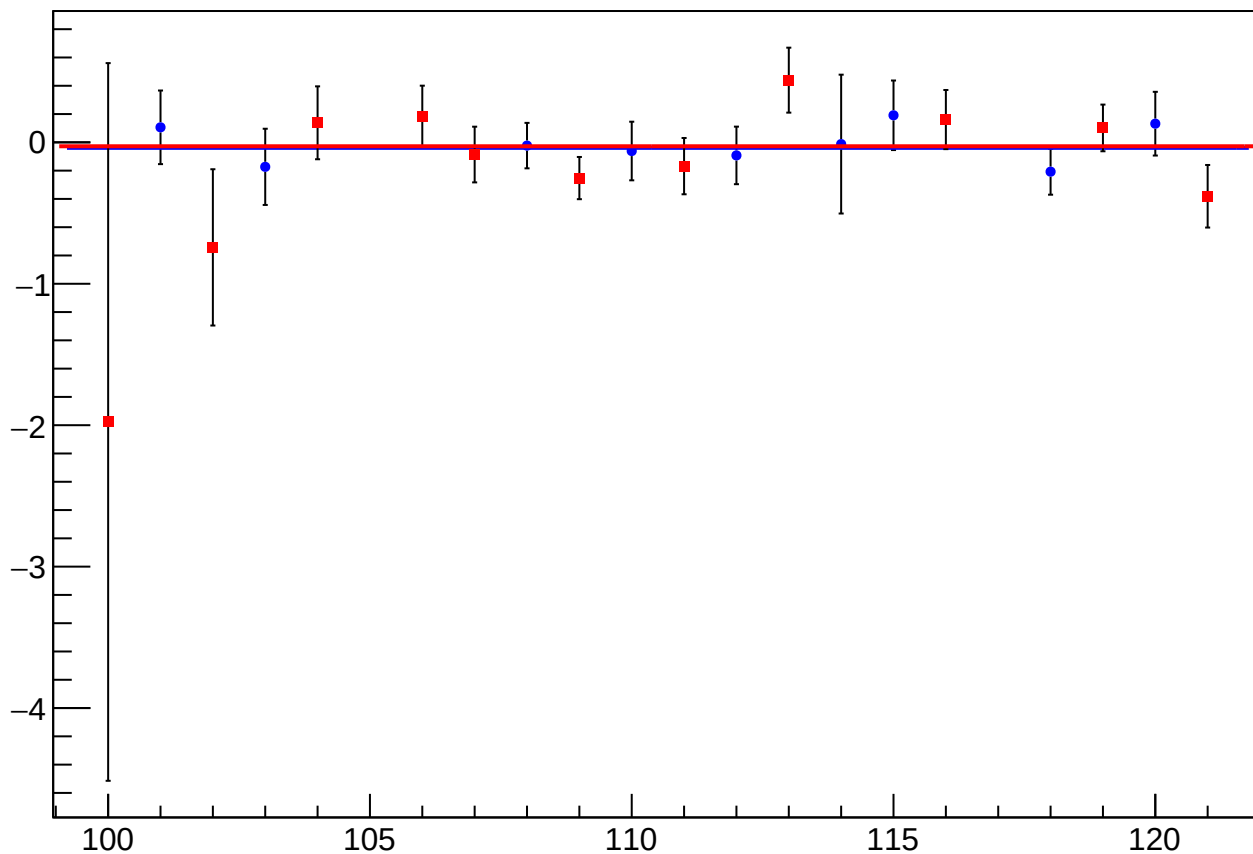
Right: 0.007+/-0.000 χ^2/NDF : 3274460.6/19

In: 0.008+/-0.000 χ^2/NDF :1197031.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3274460.6/19

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.028 ± 0.065 $\chi^2/\text{NDF}: 14.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

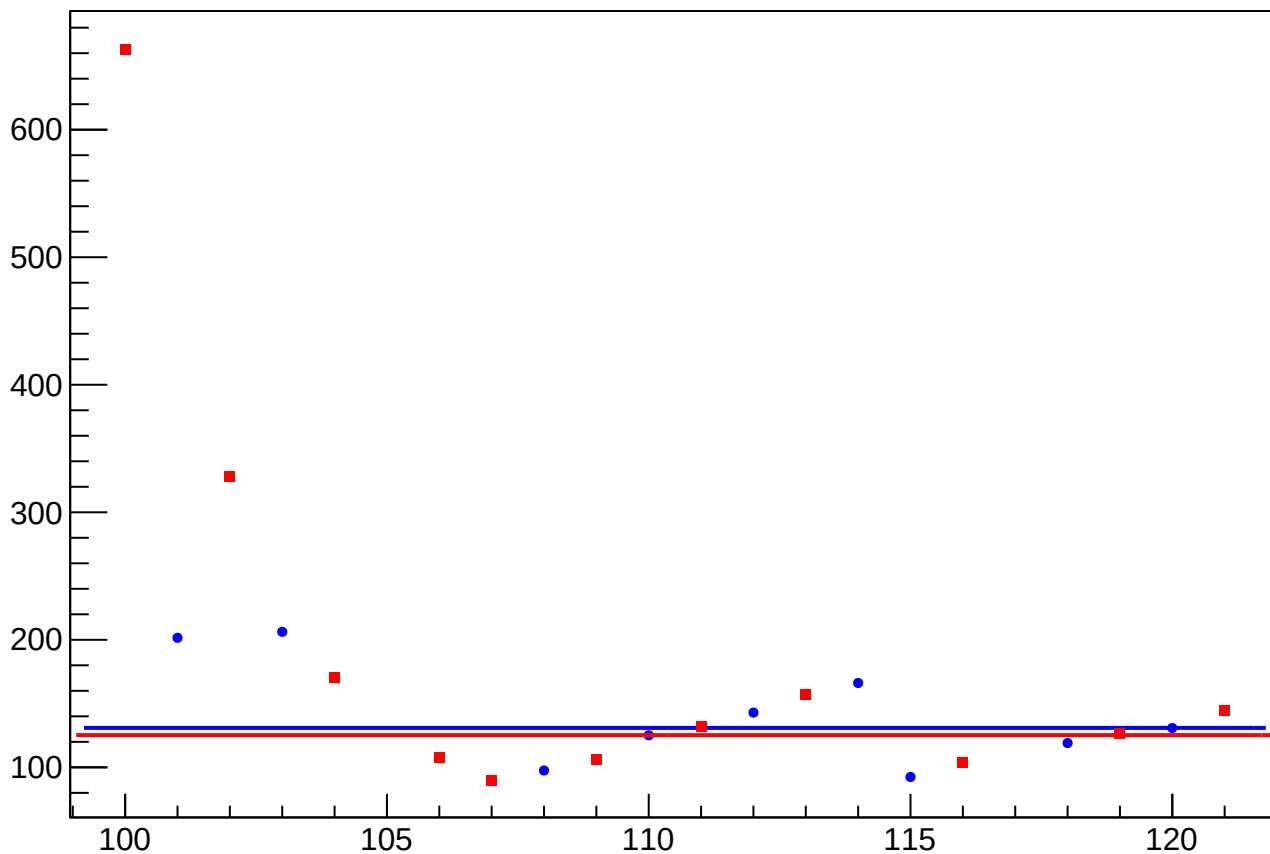
Right: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

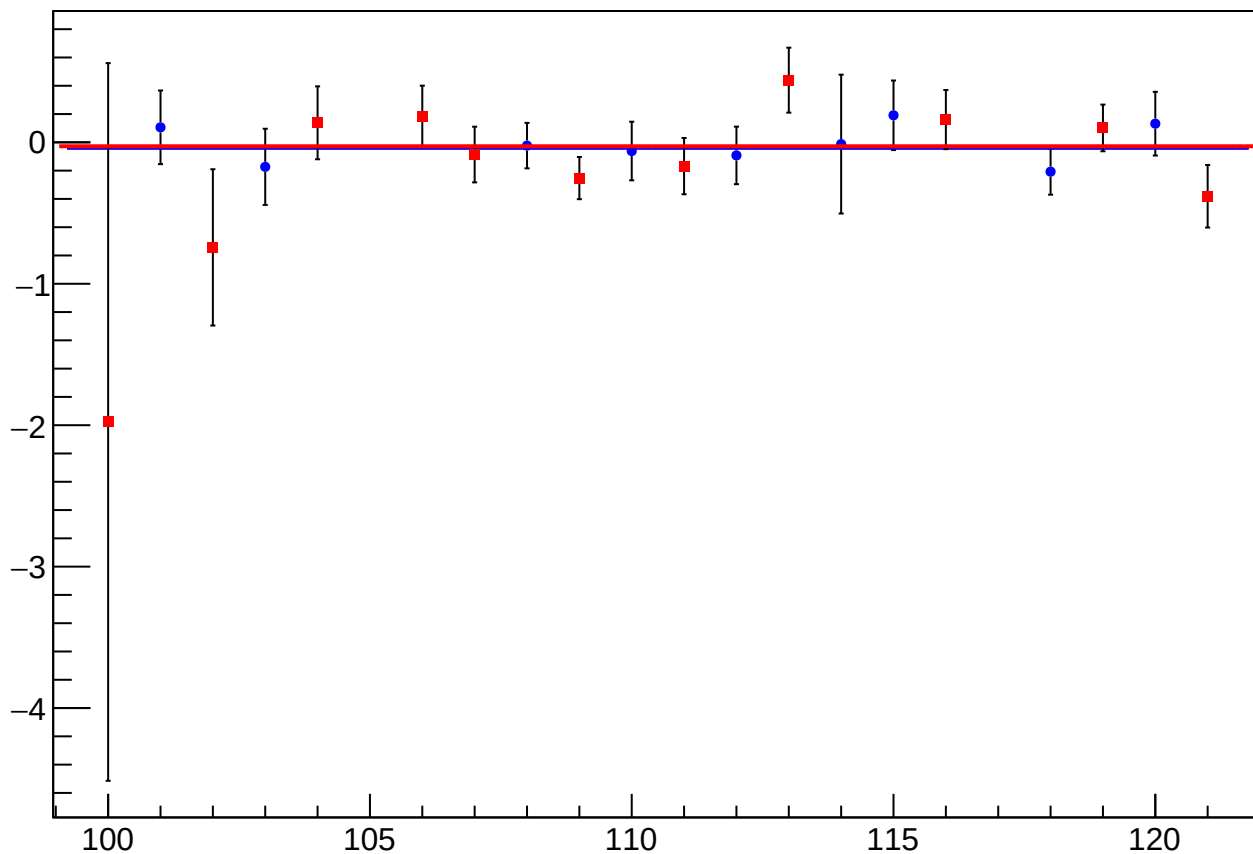
Right: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.028+/-0.065 χ^2 /NDF: 14.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

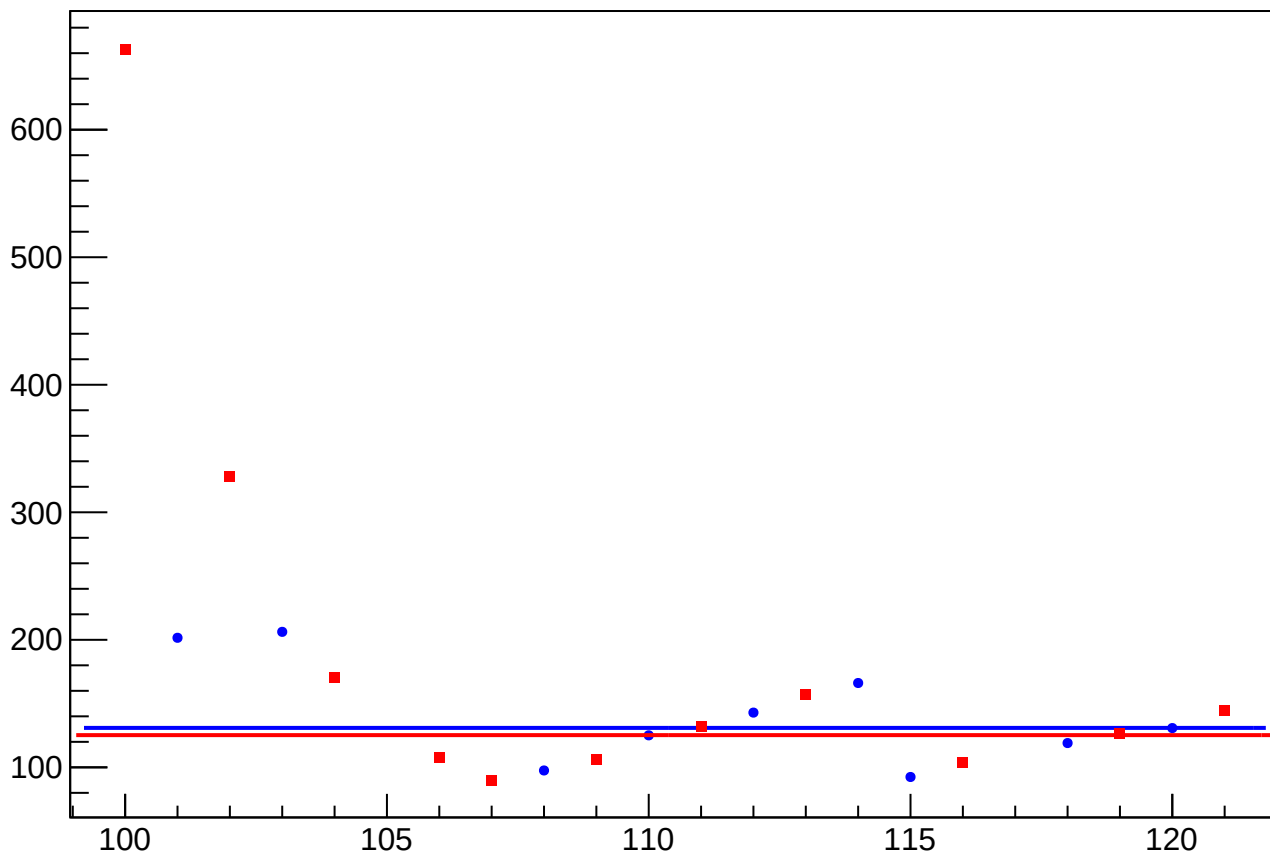
Right: -0.033+/-0.048 χ^2 /NDF: 17.8/19

In: -0.039+/-0.072 χ^2 /NDF:3.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.033+/-0.048 χ^2 /NDF: 17.8/19

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

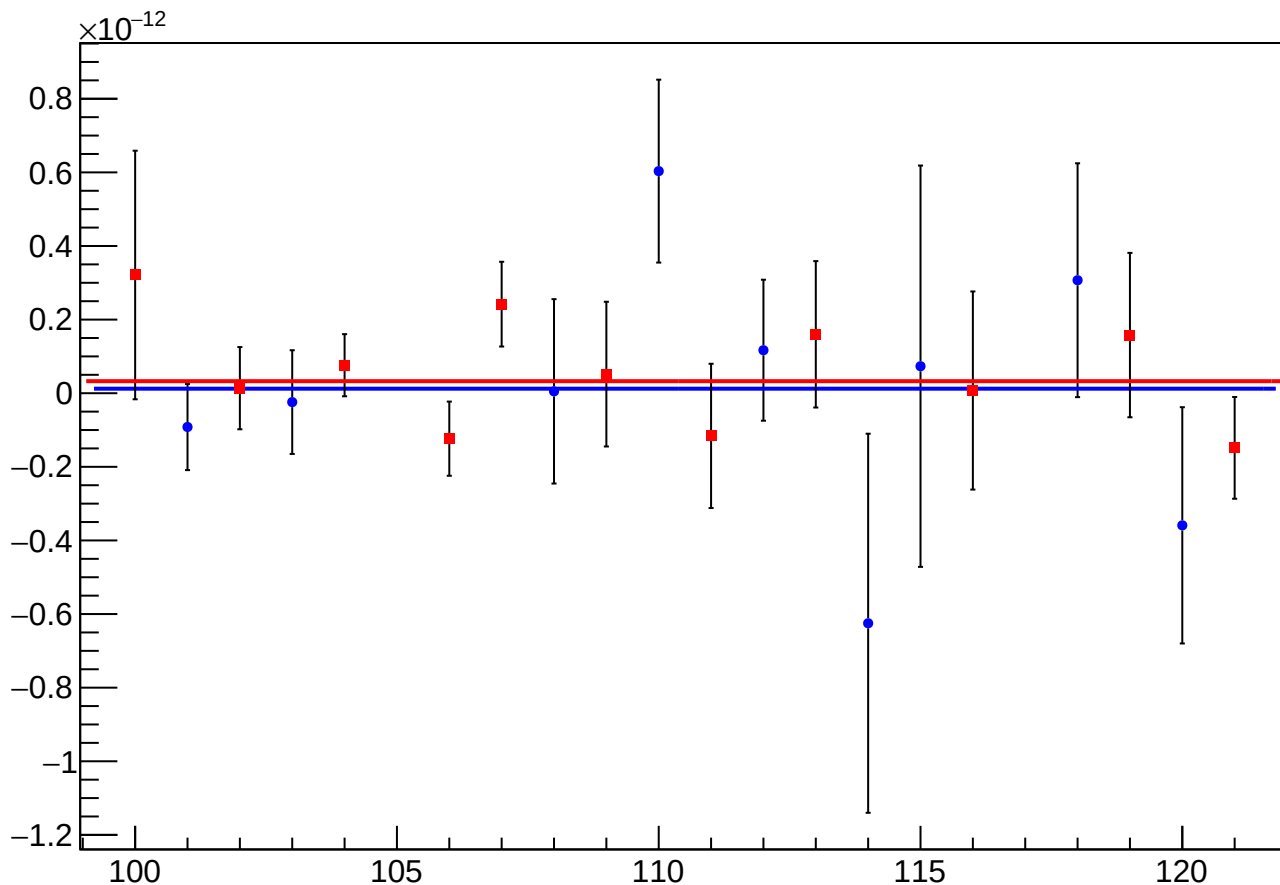
Right: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

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 : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

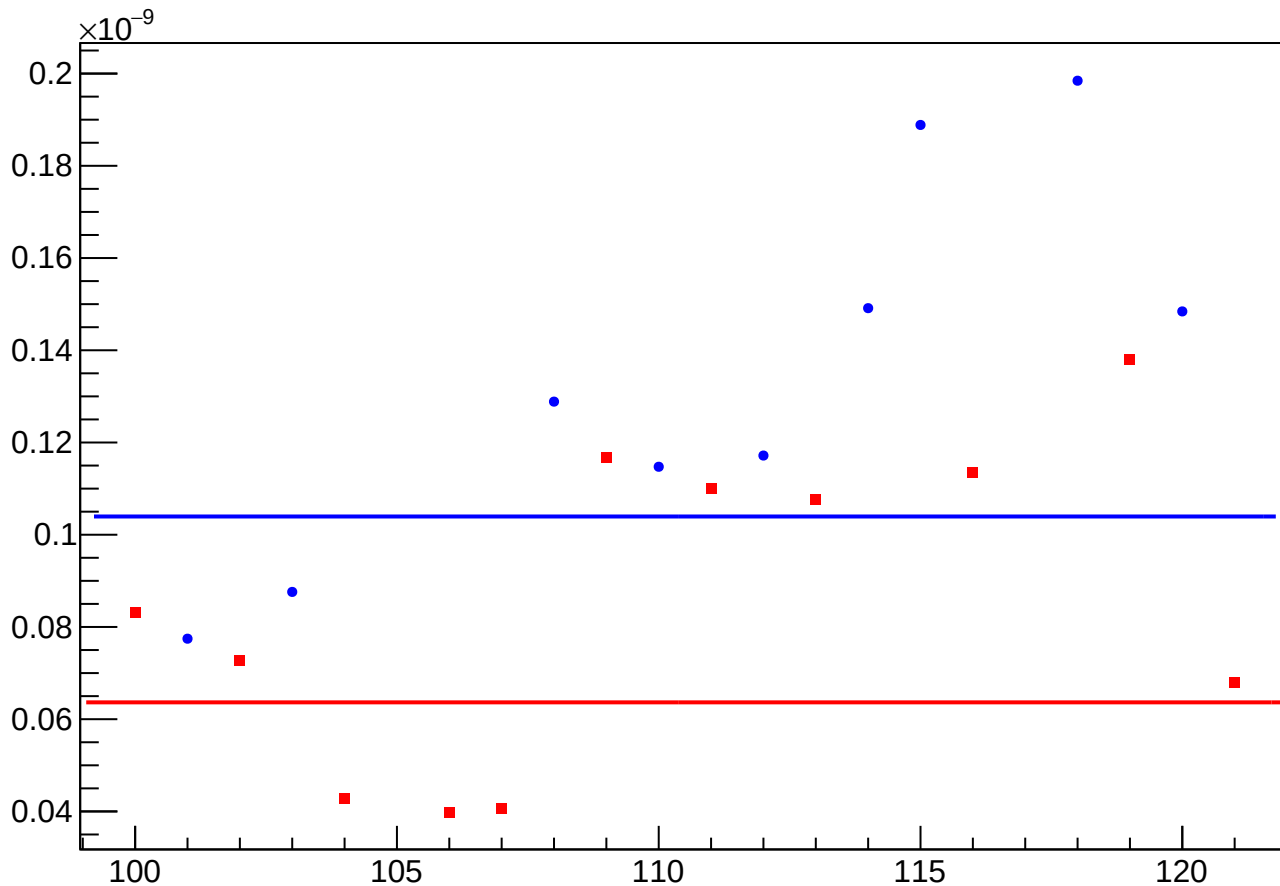
Right: 0.000+/-0.000 χ^2/NDF : 20.4/19

In: 0.000+/-0.000 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/19

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 : 441662.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 981434.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

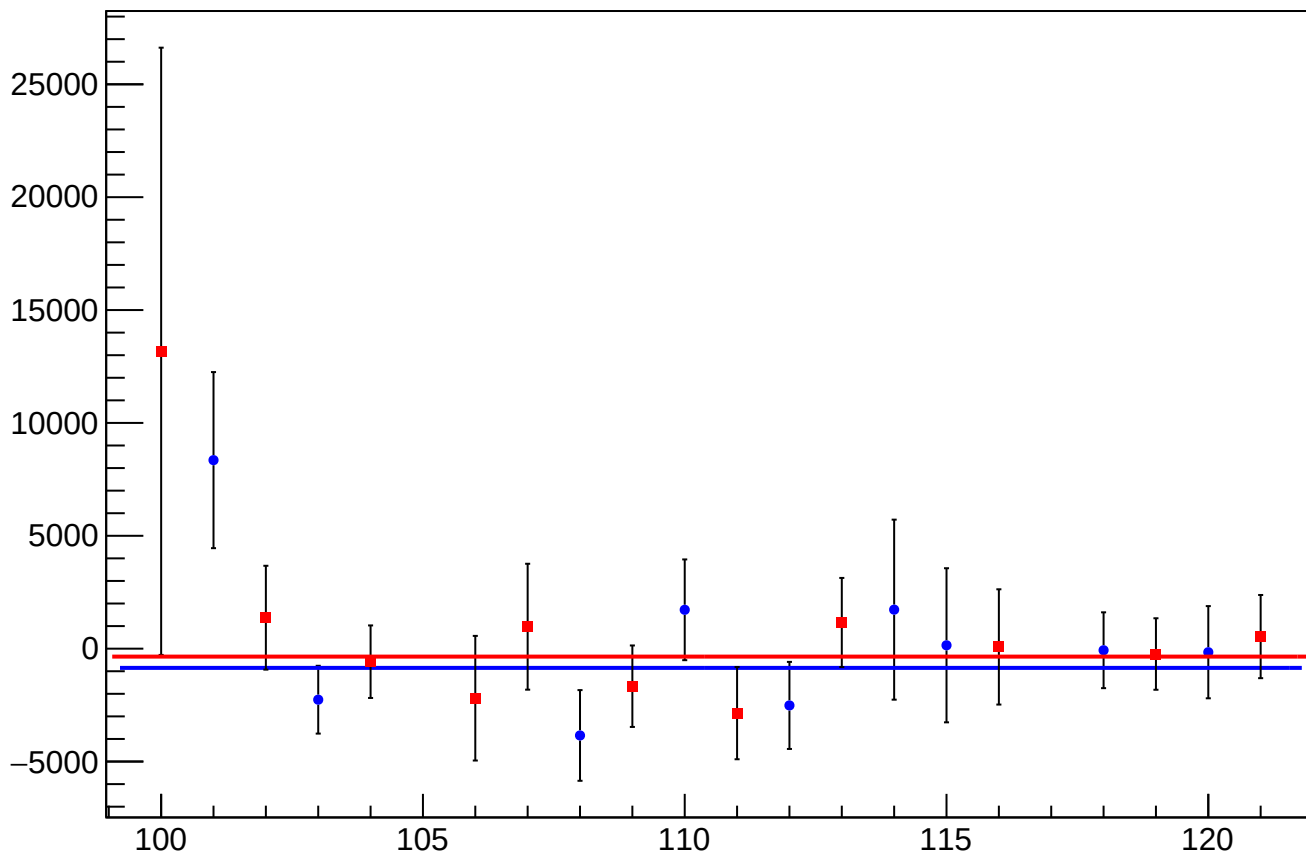
Right: 0.000+/-0.000 χ^2/NDF : 1919899.8/19

In: 0.000+/-0.000 χ^2/NDF : 441662.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1919899.8/19

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -351.659+/-633.518 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

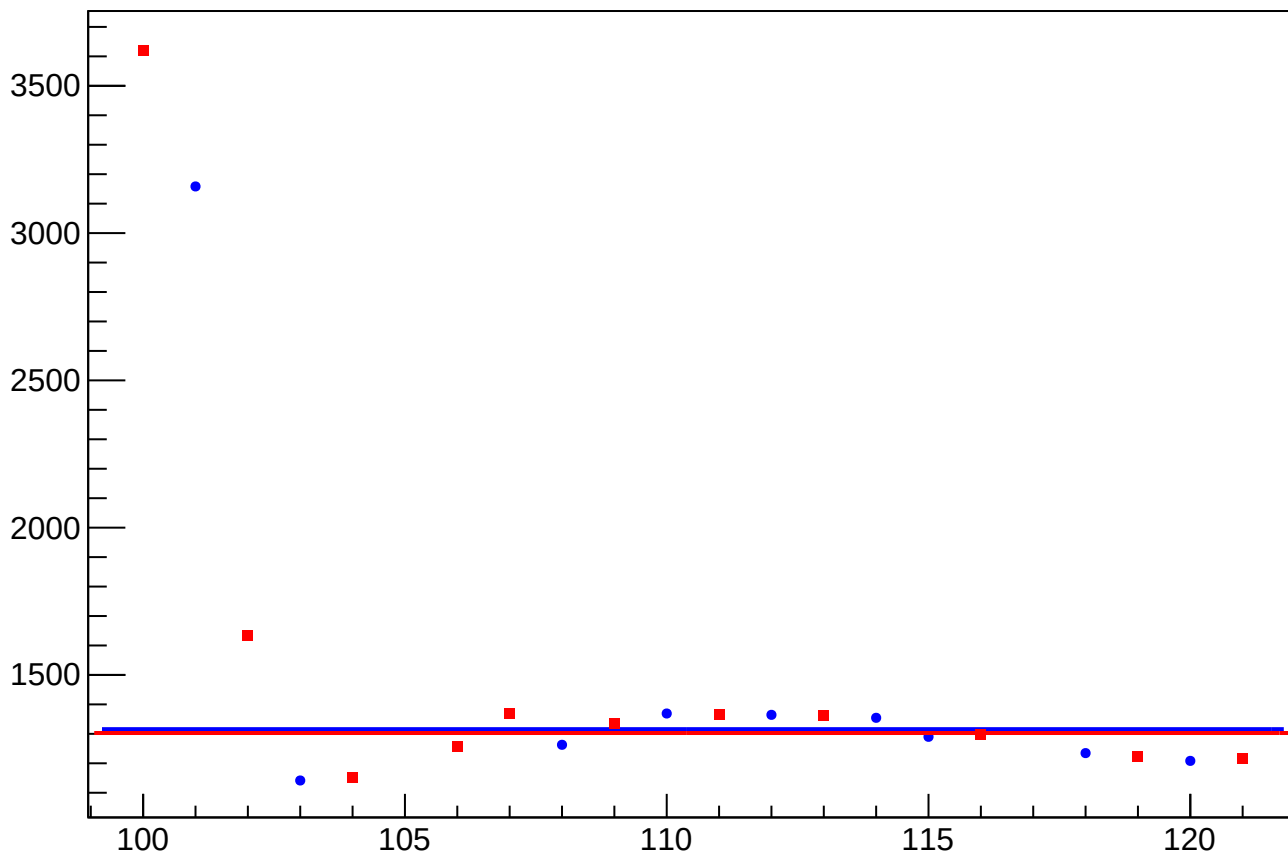
Right: -572.272+/-473.450 χ^2/NDF : 17.0/19

In: -851.359+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -572.272+/-473.450 χ^2/NDF : 17.0/19

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.847+/-0.446 χ^2/NDF : 134351.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

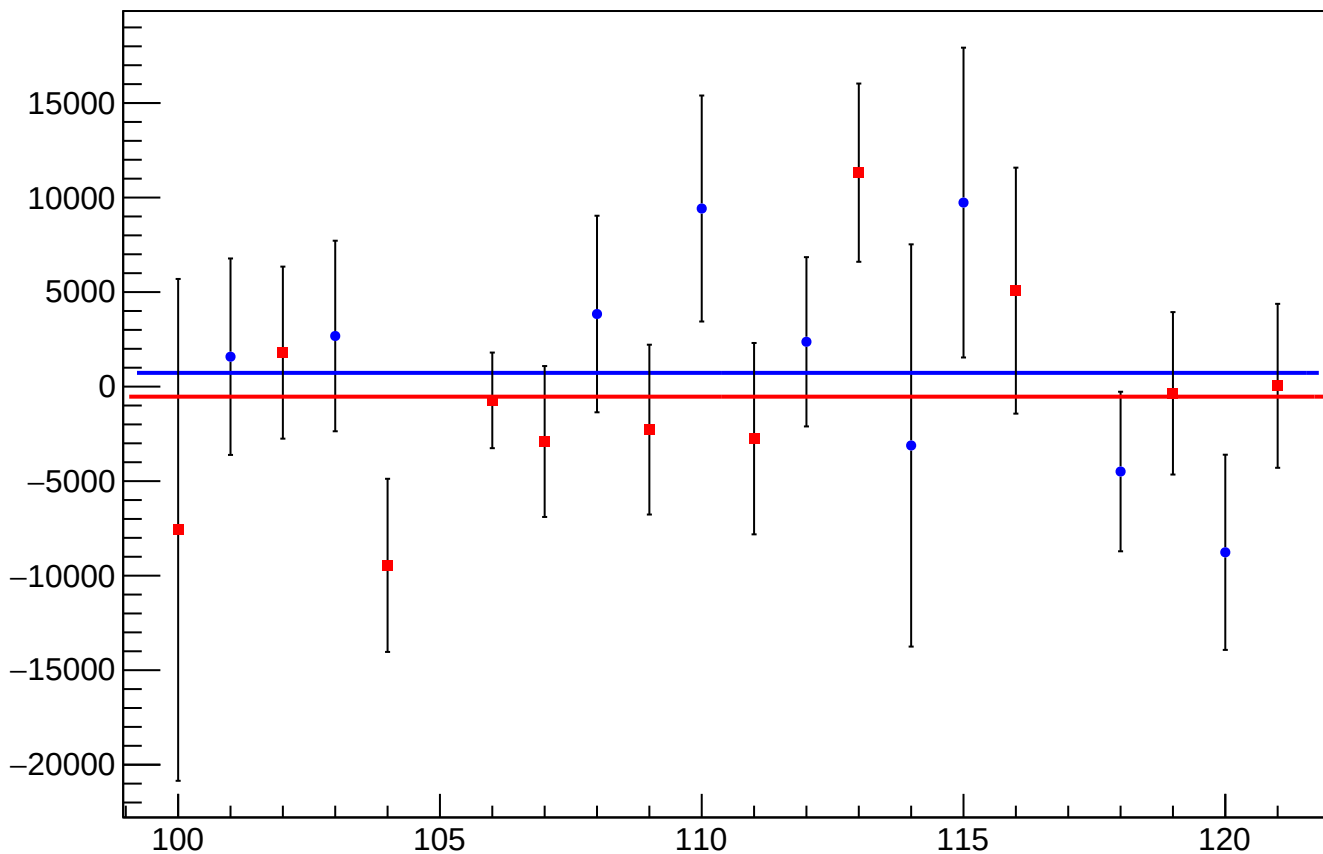
Right: 1308.593+/-0.334 χ^2/NDF : 622367.1/19

In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.593+/-0.334 χ^2/NDF : 622367.1/19

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -531.816 $\pm$ 1307.023 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

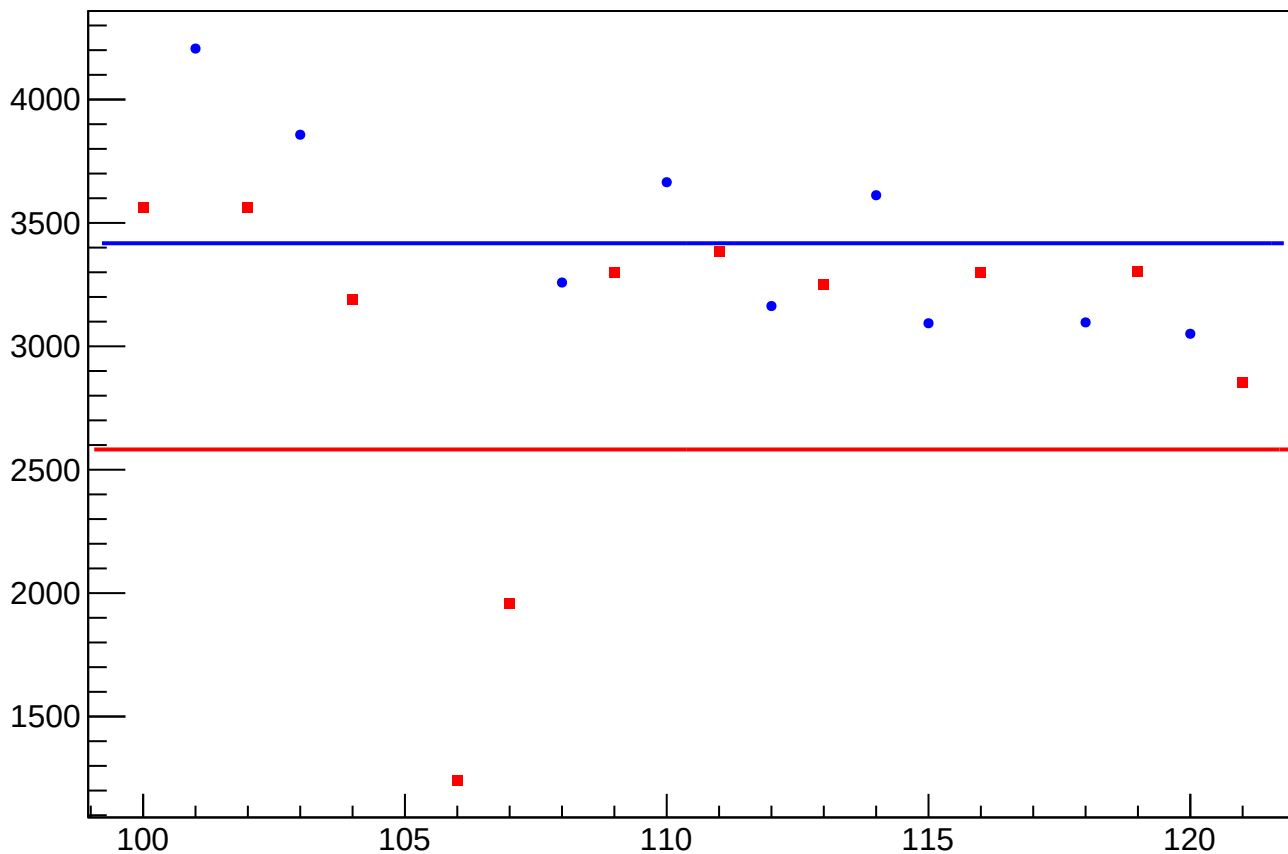
Right: -97.162 $\pm$ 1057.582 χ^2 /NDF: 21.5/19

In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -97.162 $\pm$ 1057.582 χ^2 /NDF: 21.5/19

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3417.596 $\pm$ 1.273 χ^2/NDF : 98514.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 2582.070 $\pm$ 0.924 χ^2/NDF : 979256.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

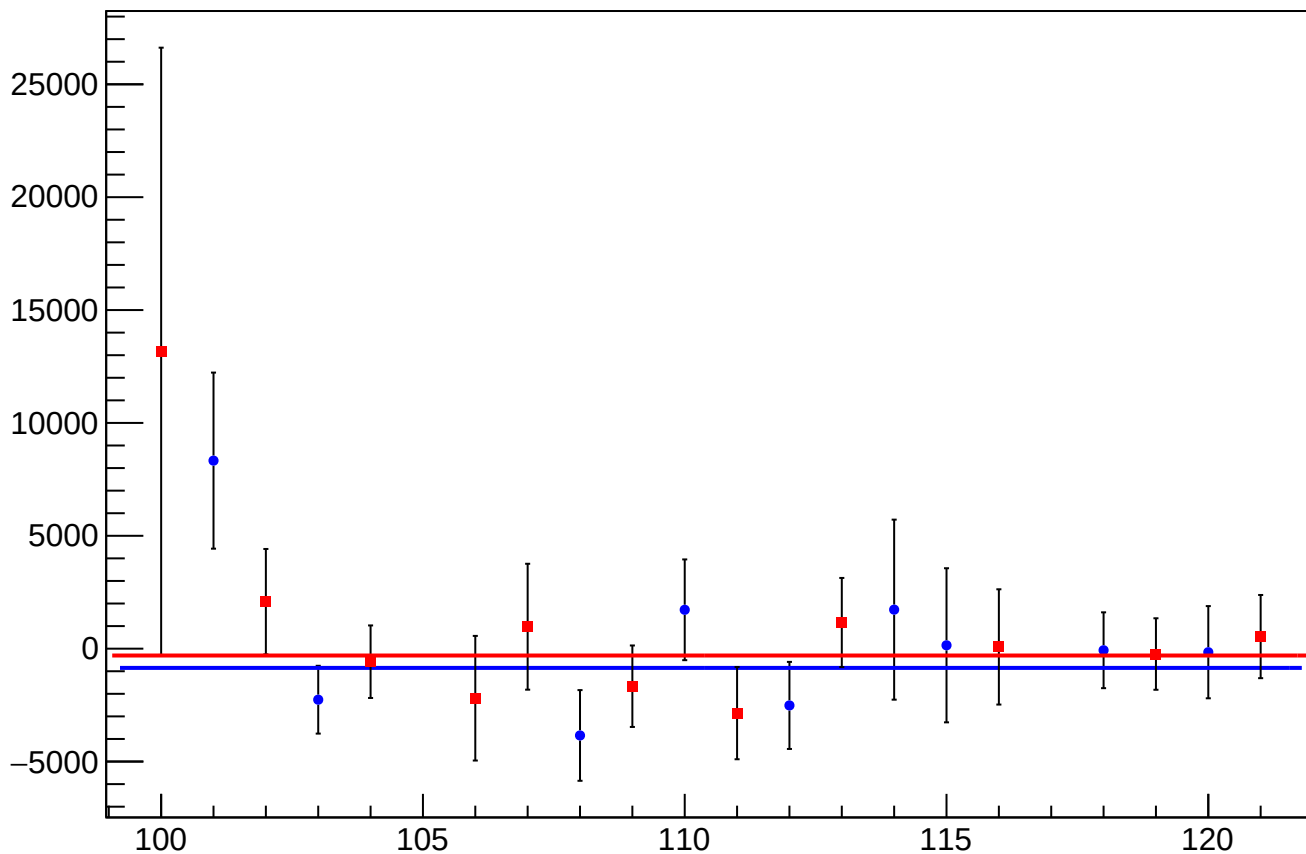
Right: 2870.552 $\pm$ 0.748 χ^2/NDF : 1359961.3/19

In: 3417.596 $\pm$ 1.273 χ^2/NDF :98514.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 2870.552 $\pm$ 0.748 χ^2/NDF : 1359961.3/19

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

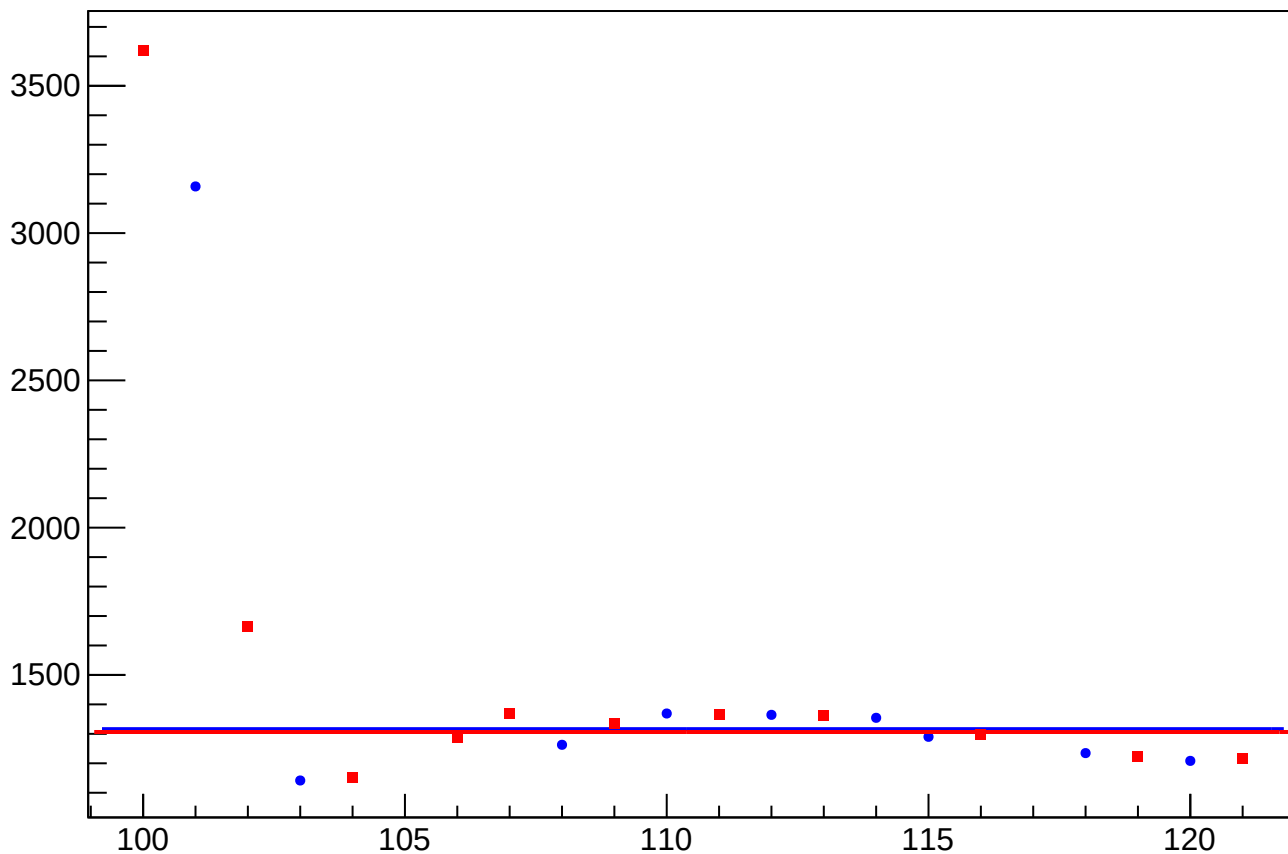
Right: -545.832+/-473.746 χ^2/NDF : 17.5/19

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -545.832+/-473.746 χ^2/NDF : 17.5/19

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

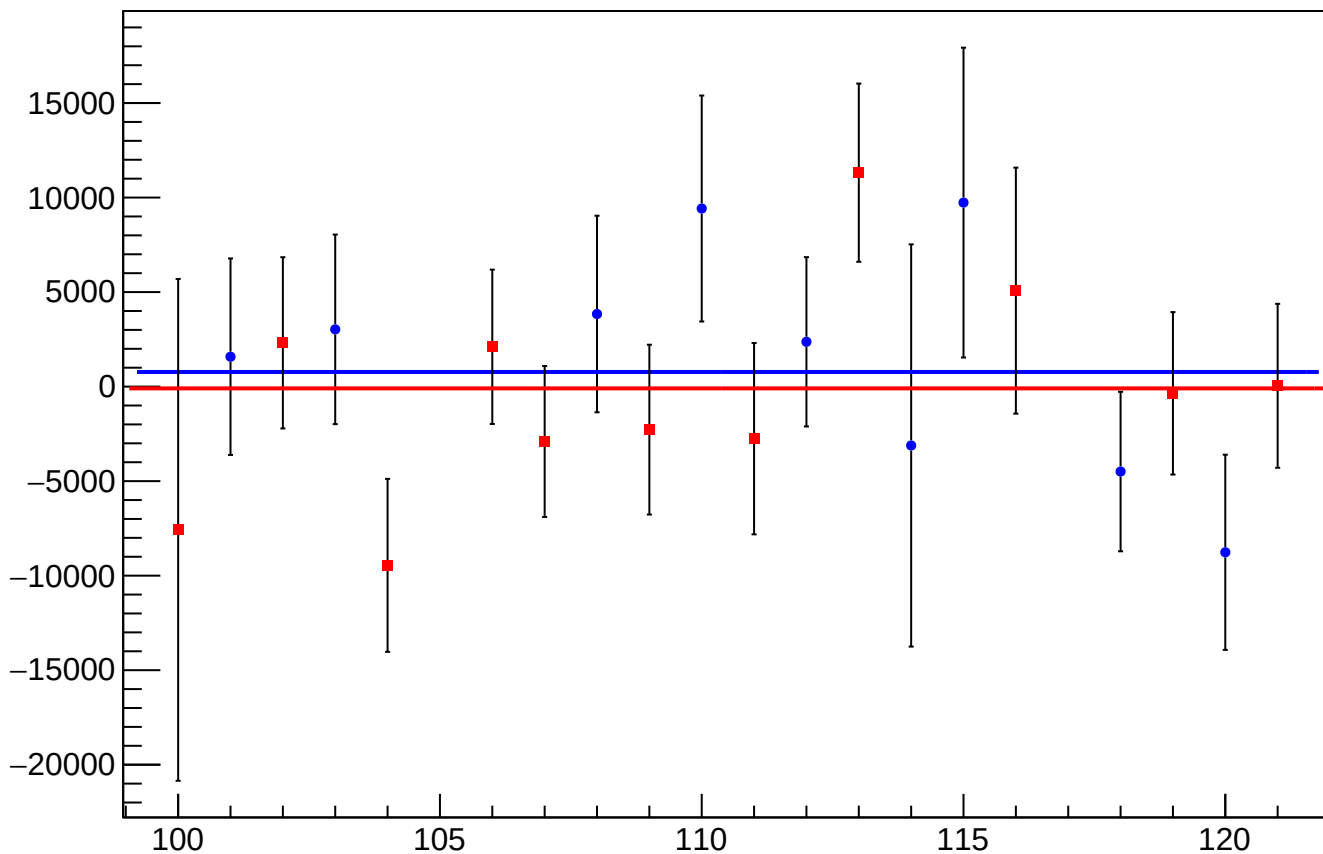
Right: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

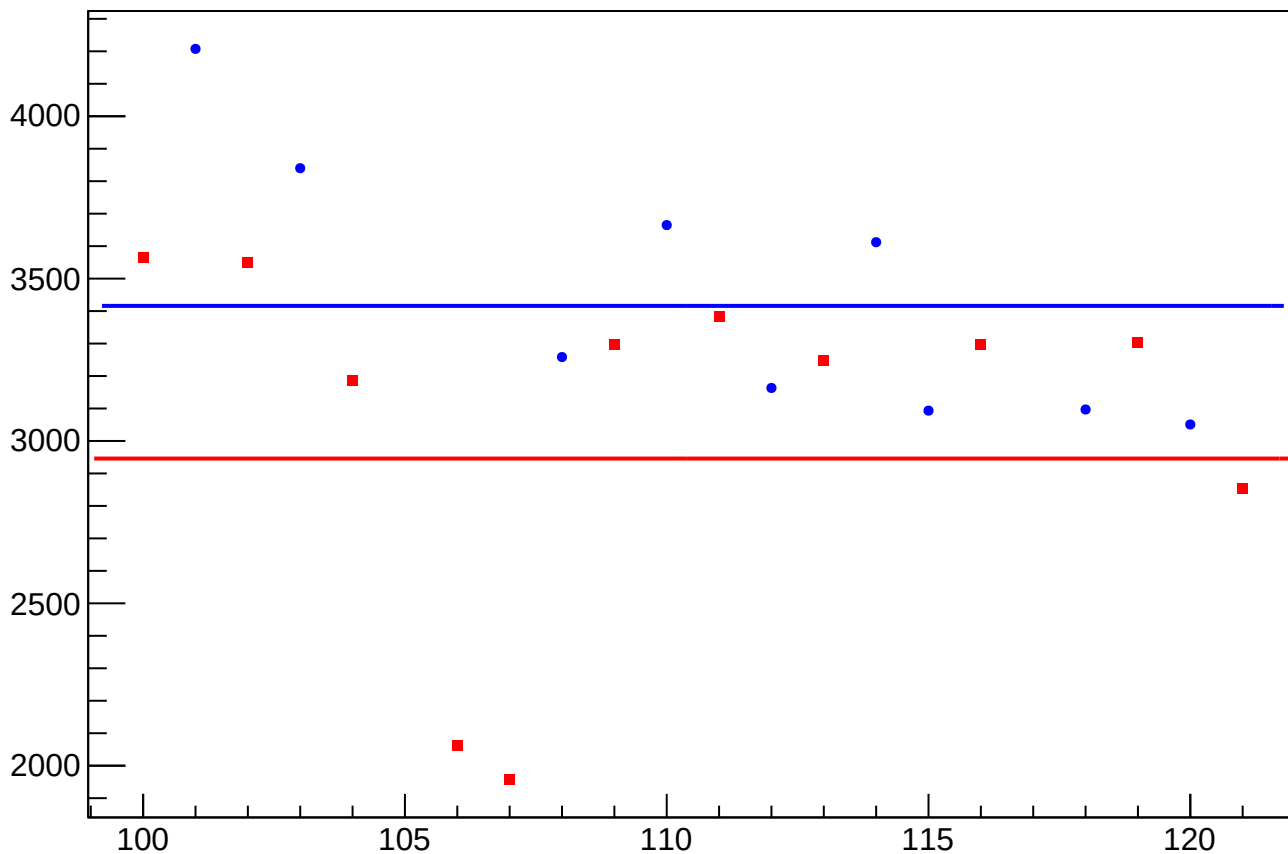
Right: 242.268+/-1118.976 χ^2/NDF : 21.8/19

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.268+/-1118.976 χ^2/NDF : 21.8/19

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

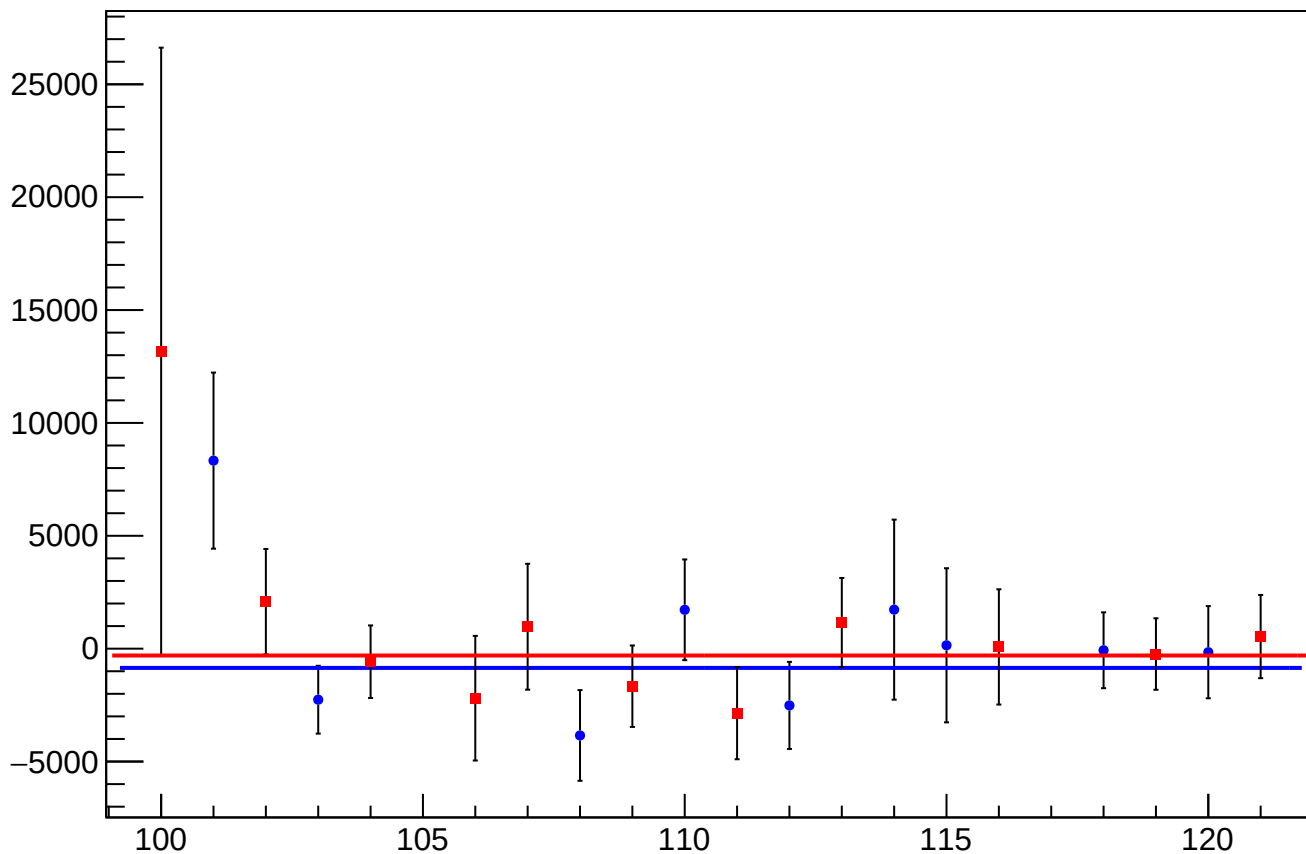
Right: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

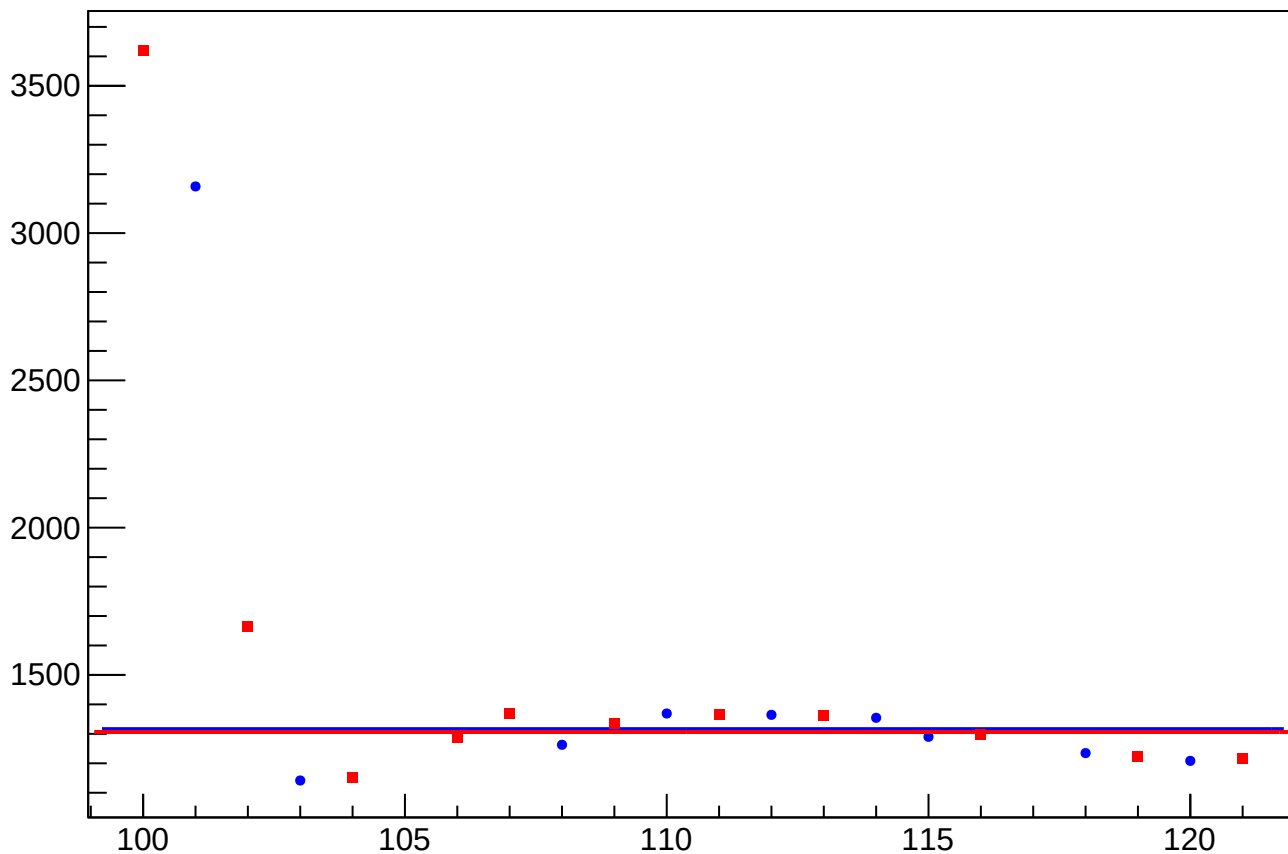
Right: -545.832+/-473.746 χ^2/NDF : 17.5/19

In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -545.832+/-473.746 χ^2/NDF : 17.5/19

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

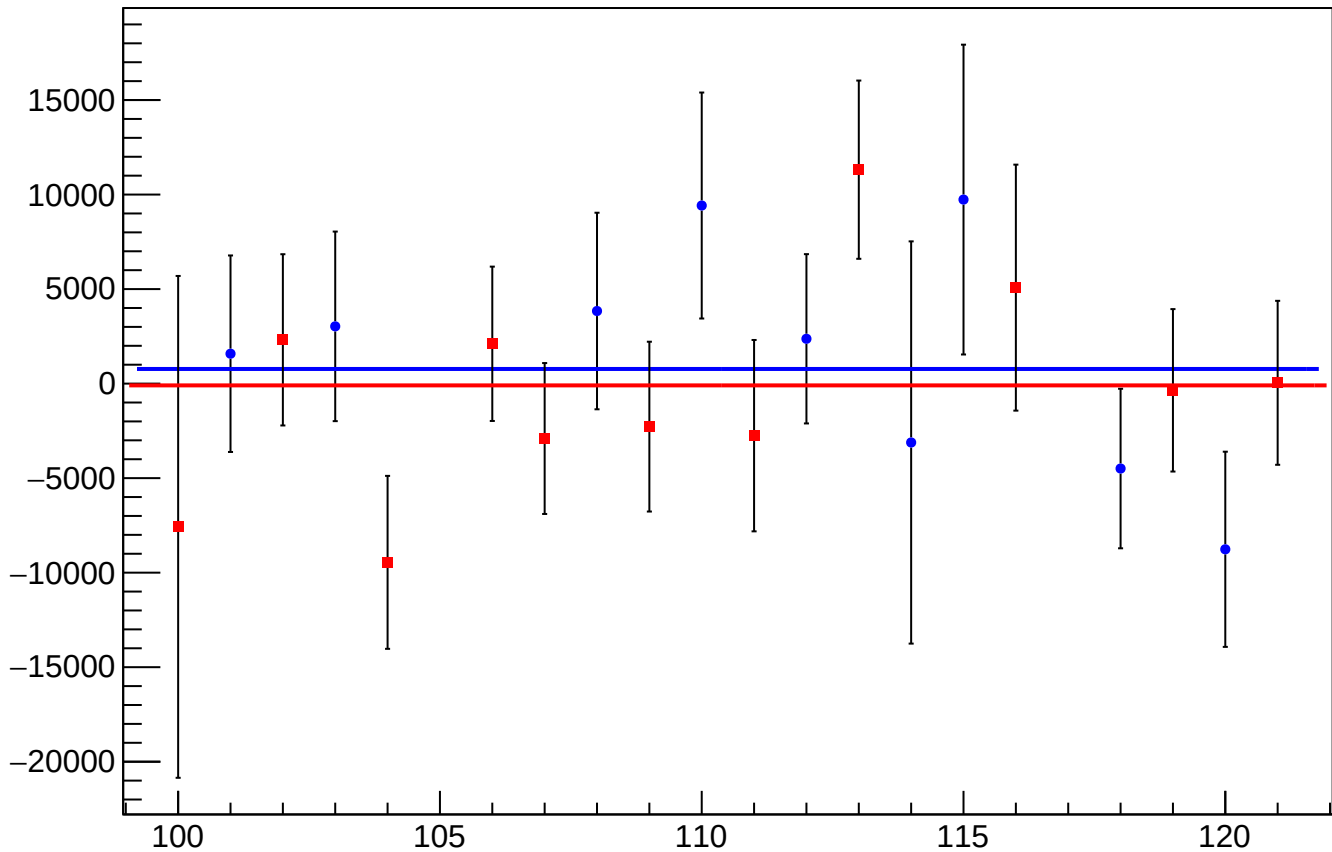
Right: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.531+/-0.334 χ^2/NDF : 628560.1/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

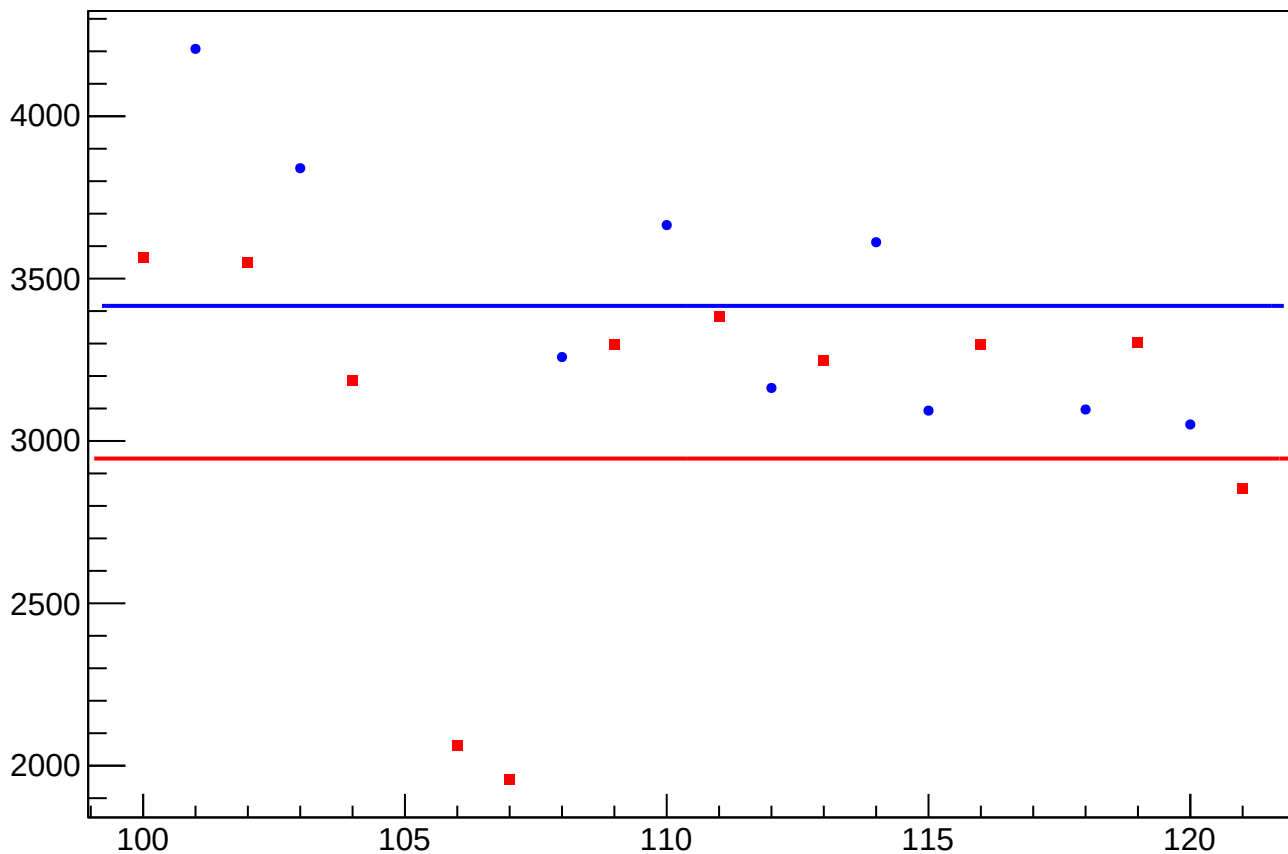
Right: 242.268+/-1118.976 χ^2/NDF : 21.8/19

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.268+/-1118.976 χ^2/NDF : 21.8/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

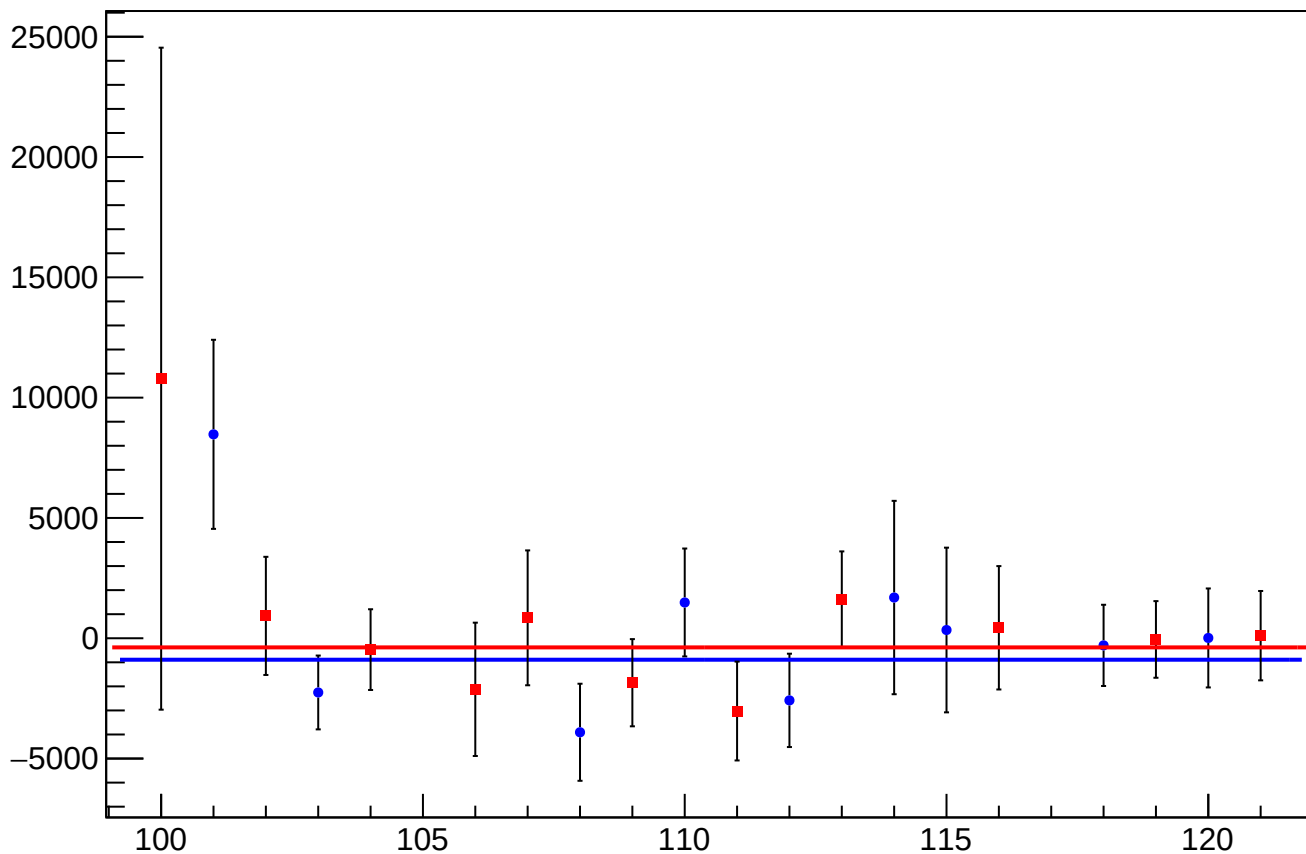
Right: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.832+/-0.791 χ^2/NDF : 499630.5/19

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.809+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

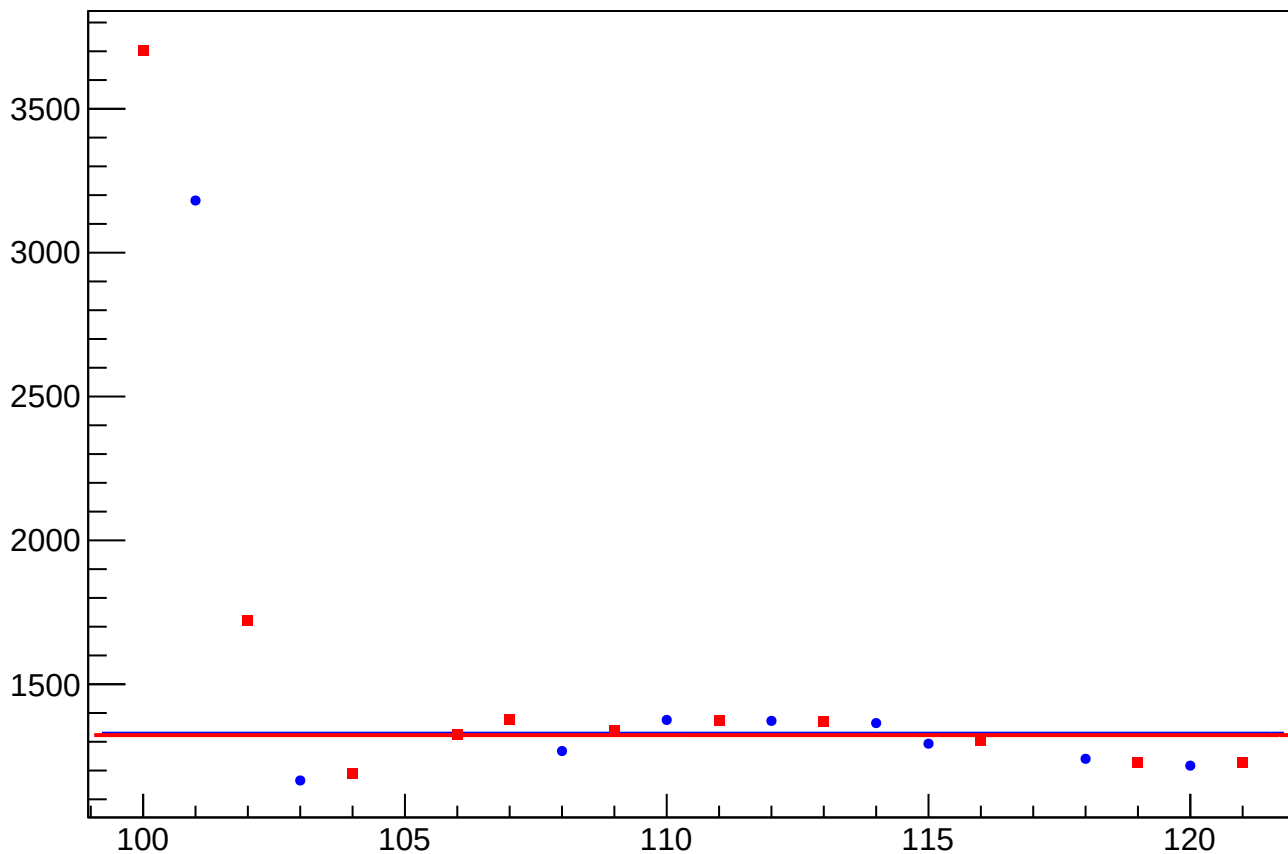
Right: -607.767+/-479.484 χ^2/NDF : 16.8/19

In: -892.330+/-718.956 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -607.767+/-479.484 χ^2/NDF : 16.8/19

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

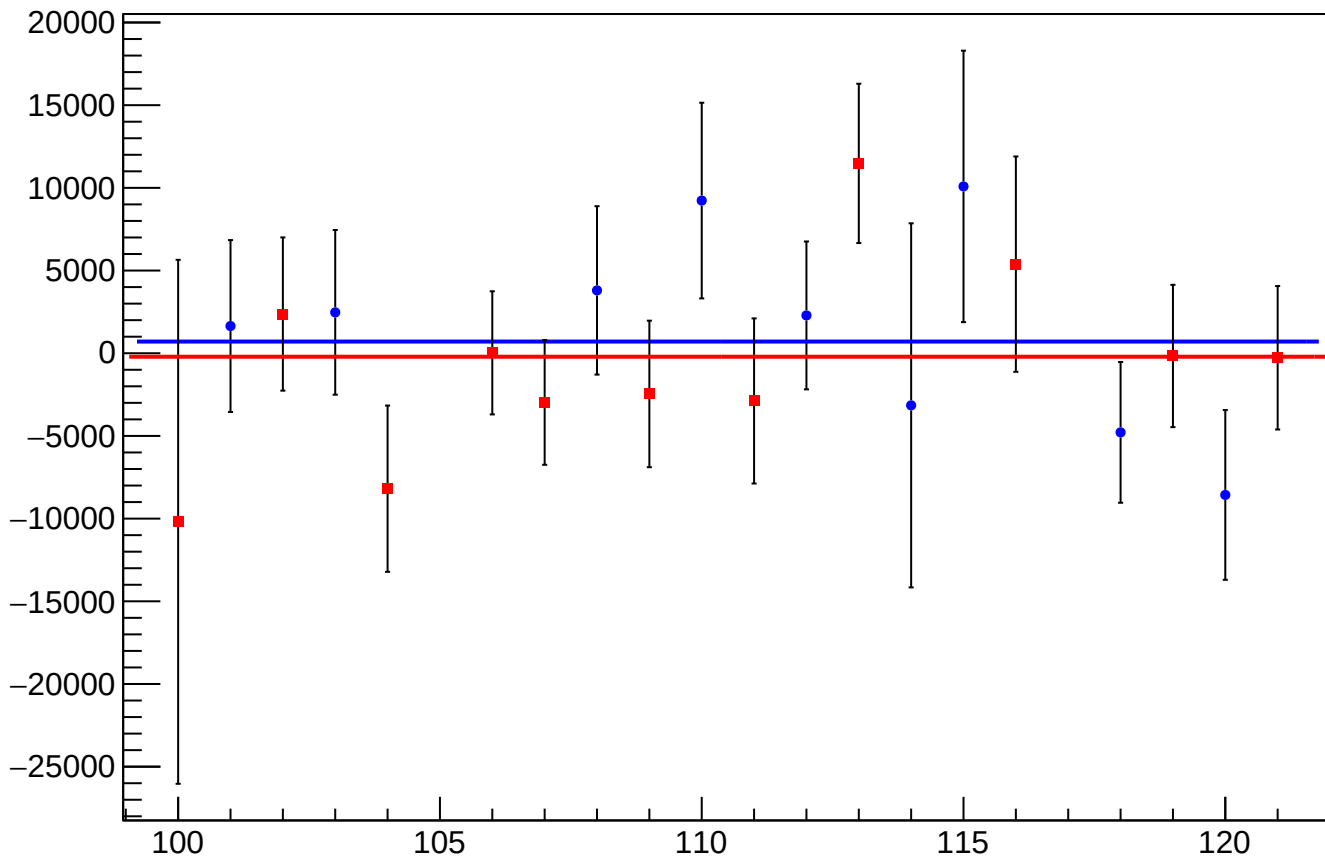
Right: 1325.322+/-0.339 χ^2/NDF : 623501.9/19

In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.322+/-0.339 χ^2/NDF : 623501.9/19

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.617 $\pm$ 1793.660 χ^2 /NDF: 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -210.111 $\pm$ 1417.731 χ^2 /NDF: 10.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

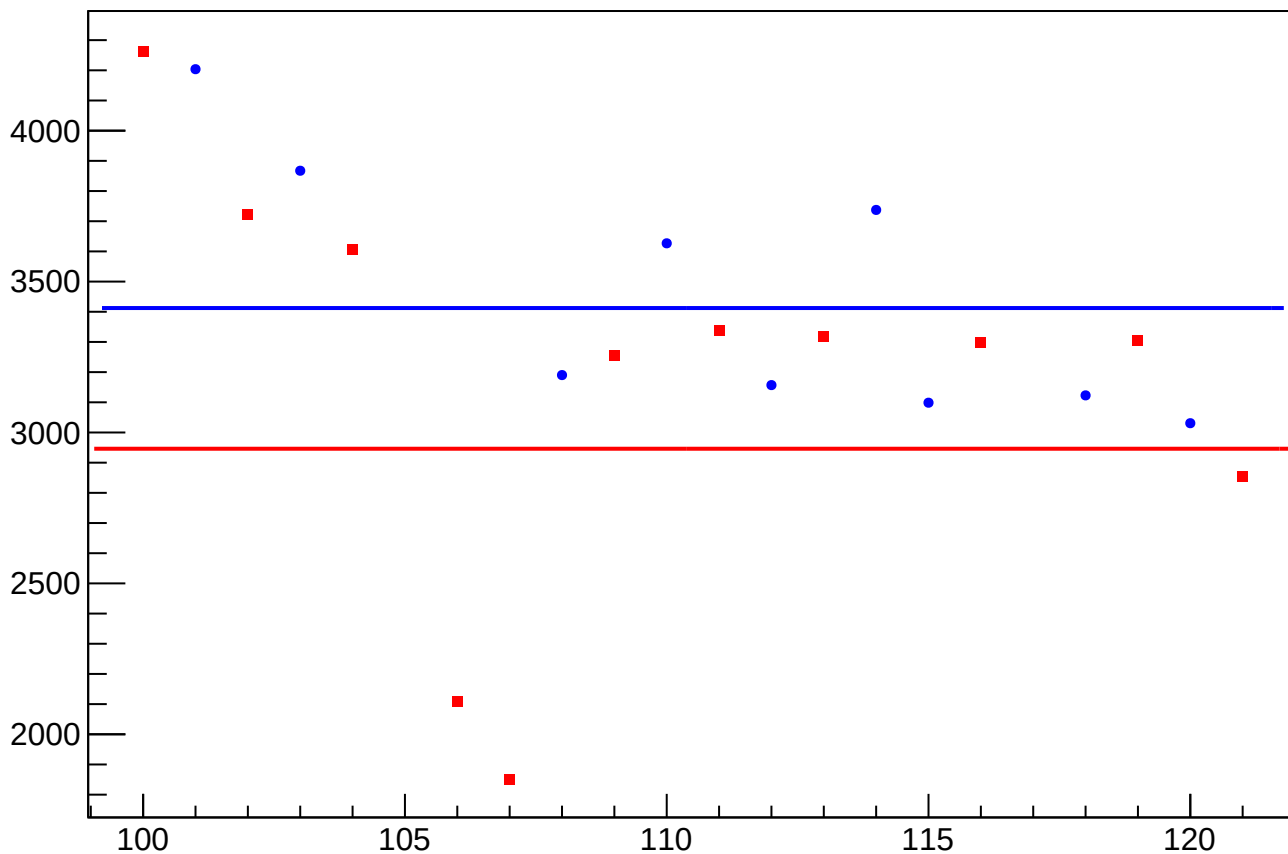
Right: 142.390 $\pm$ 1112.245 χ^2 /NDF: 20.2/19

In: 706.617 $\pm$ 1793.660 χ^2 /NDF:9.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.390 $\pm$ 1112.245 χ^2 /NDF: 20.2/19

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2946.176+/-1.002 χ^2/NDF : 429902.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

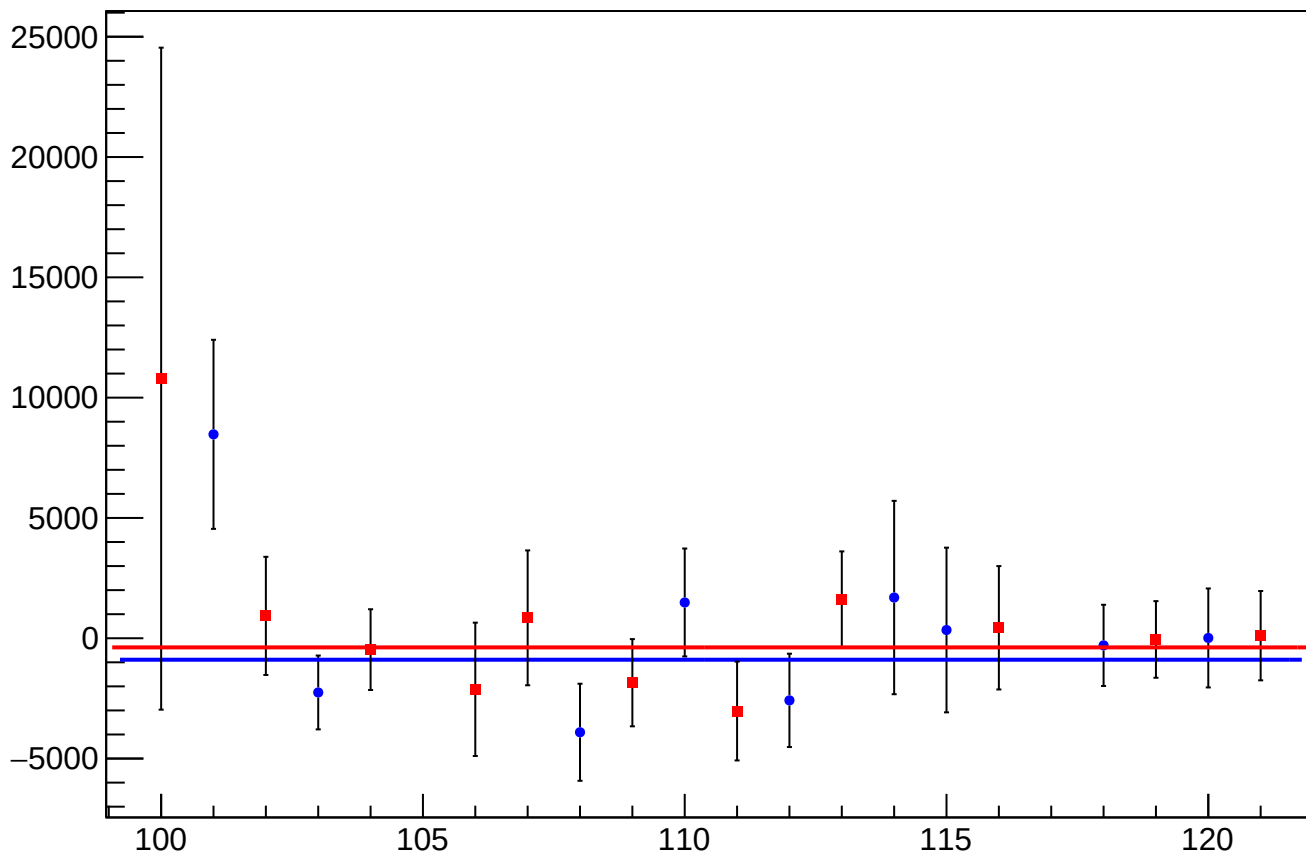
Right: 3125.434+/-0.786 χ^2/NDF : 614071.4/19

In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.434+/-0.786 χ^2/NDF : 614071.4/19

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -379.818+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

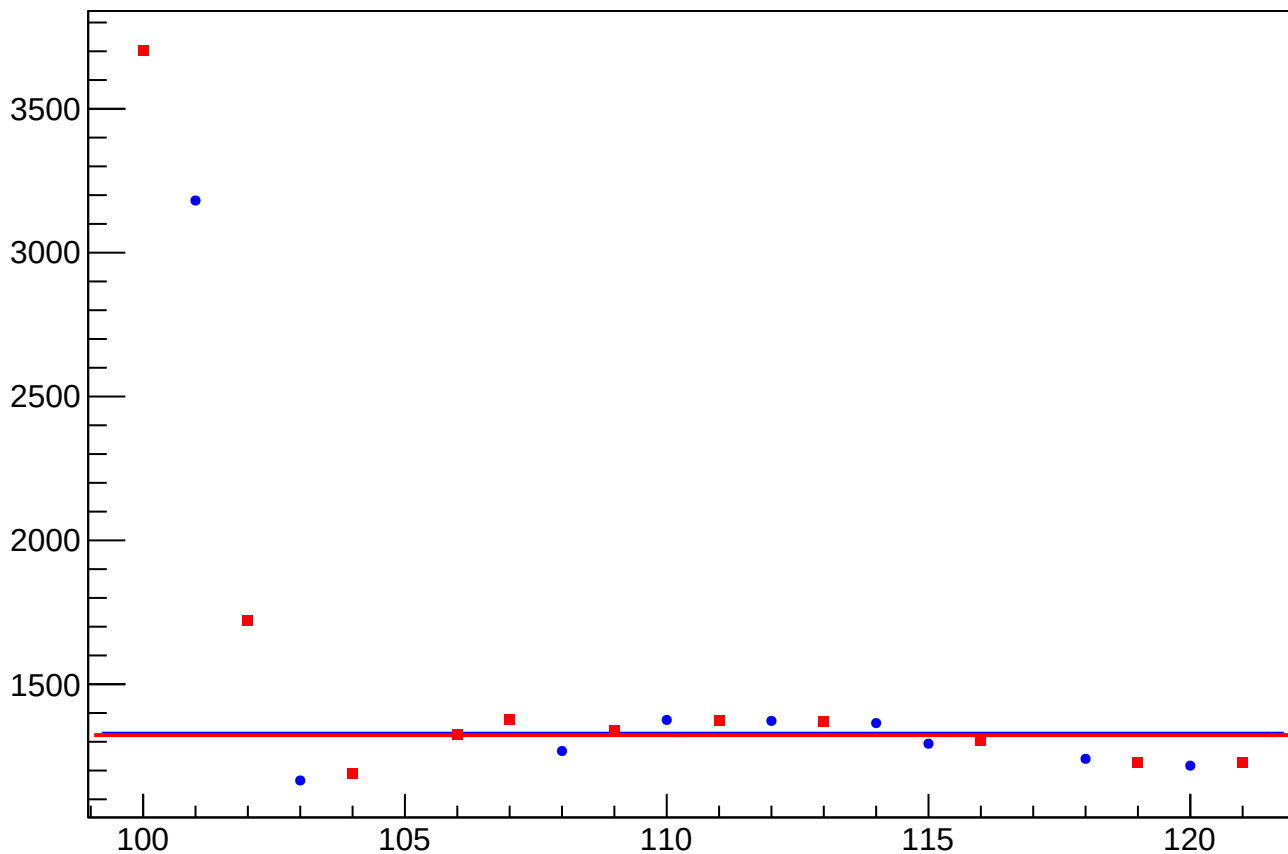
Right: -607.771+/-479.484 χ^2/NDF : 16.8/19

In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.771+/-479.484 χ^2/NDF : 16.8/19

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

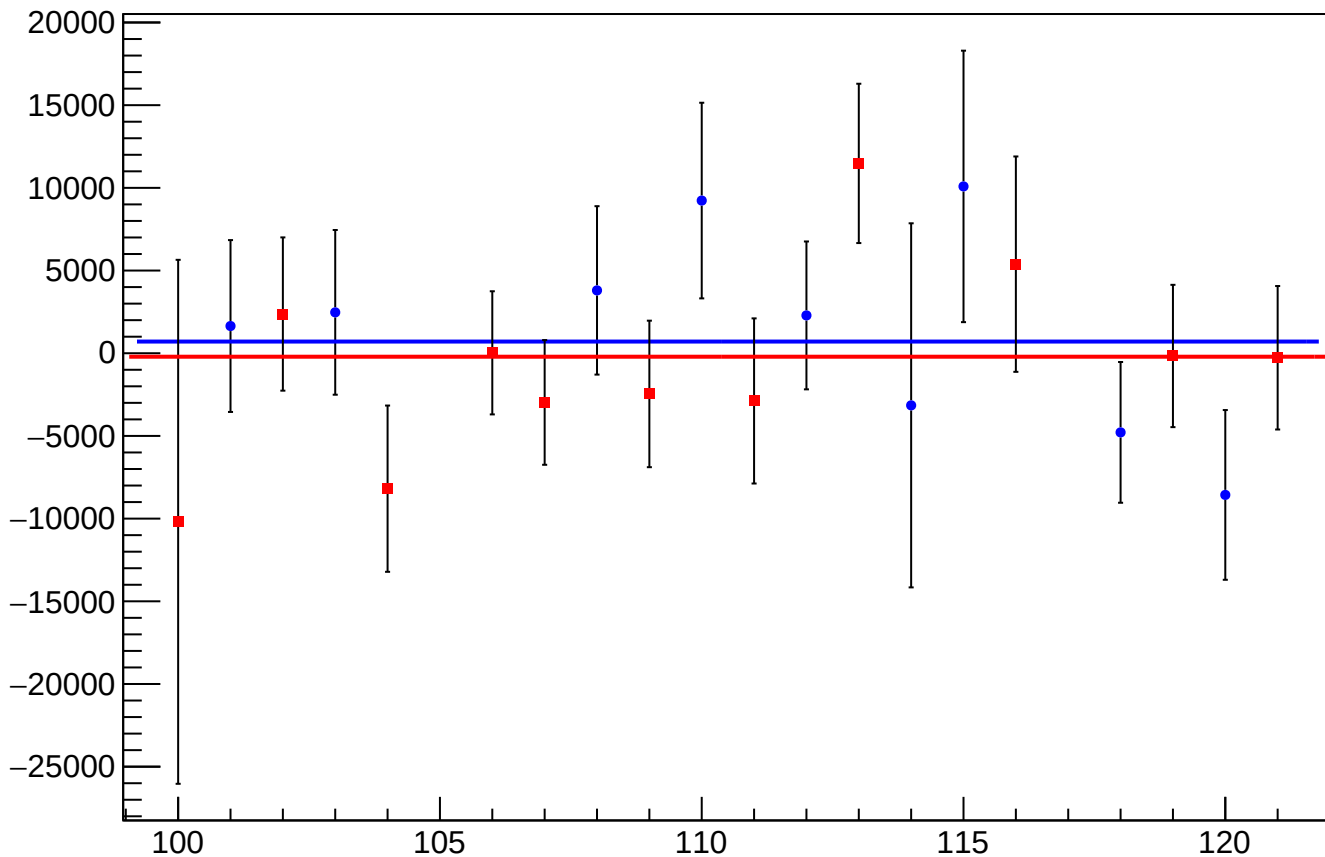
Right: 1325.322+/-0.339 χ^2/NDF : 623502.0/19

In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.322+/-0.339 χ^2/NDF : 623502.0/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.609 $\pm$ 1793.656 χ^2 /NDF: 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -210.114 $\pm$ 1417.728 χ^2 /NDF: 10.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

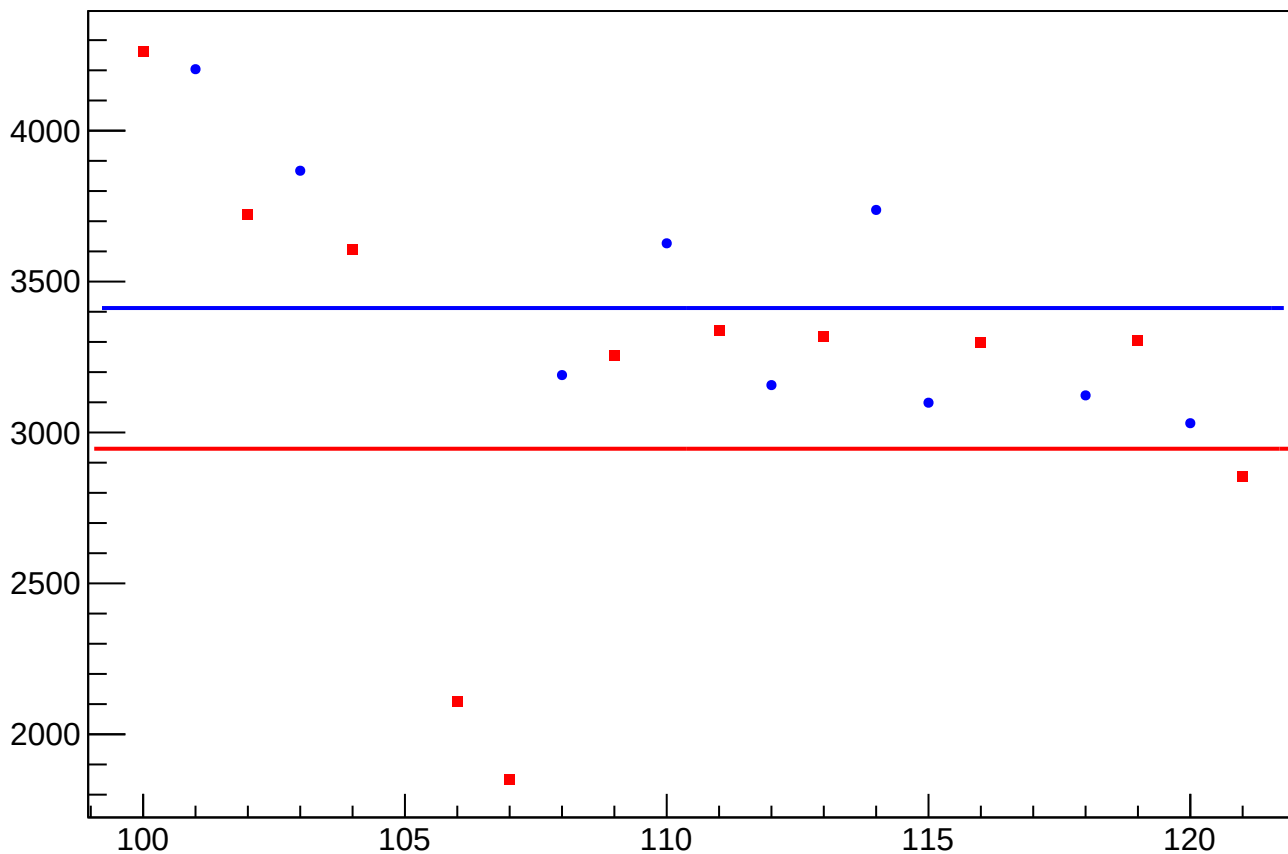
Right: 142.385 $\pm$ 1112.242 χ^2 /NDF: 20.2/19

In: 706.609 $\pm$ 1793.656 χ^2 /NDF:9.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.385 $\pm$ 1112.242 χ^2 /NDF: 20.2/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2946.169+/-1.002 χ^2/NDF : 429904.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

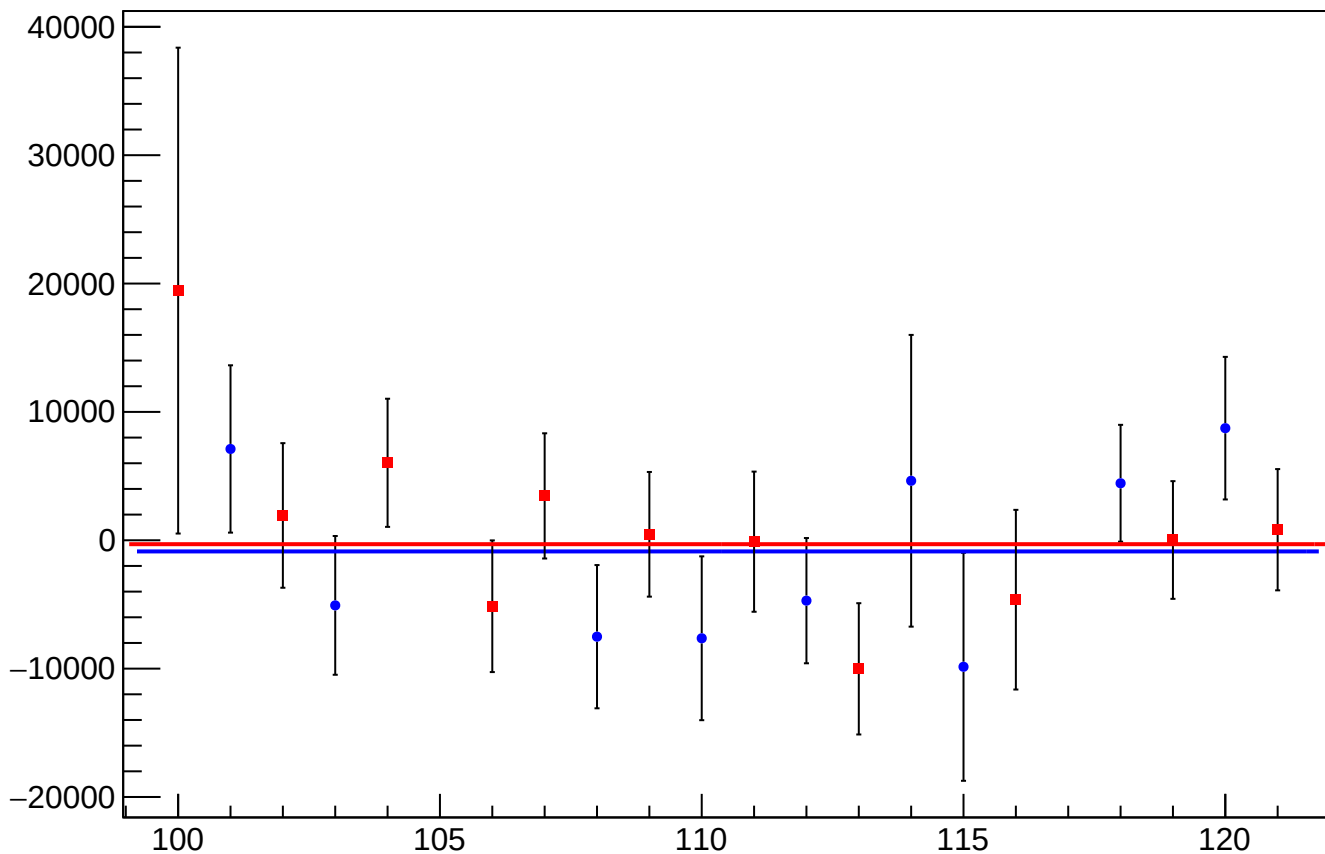
Right: 3125.426+/-0.786 χ^2/NDF : 614075.4/19

In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.426+/-0.786 χ^2/NDF : 614075.4/19

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.655+/-1619.062 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

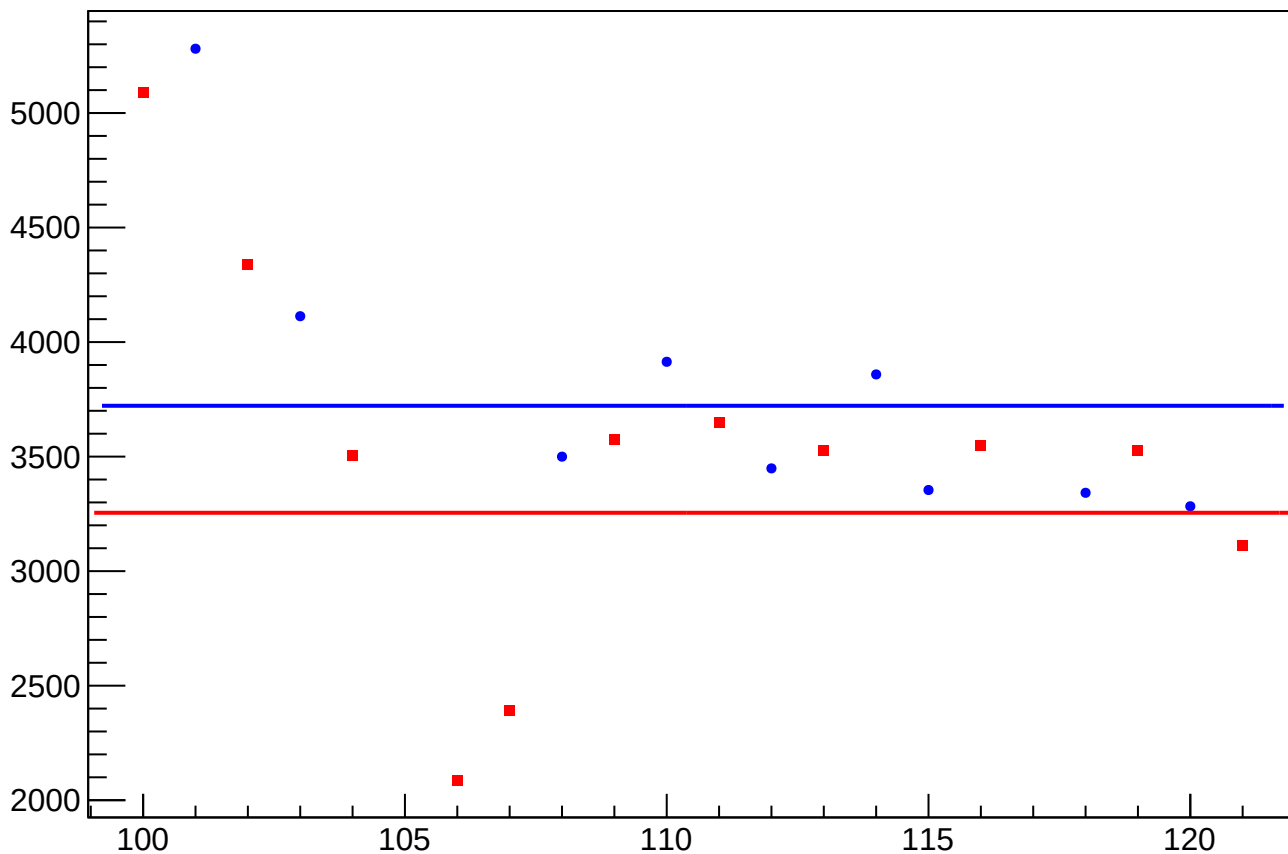
Right: -532.215+/-1250.940 χ^2/NDF : 19.3/19

In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.215+/-1250.940 χ^2/NDF : 19.3/19

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3254.864+/-1.122 χ^2/NDF : 343171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

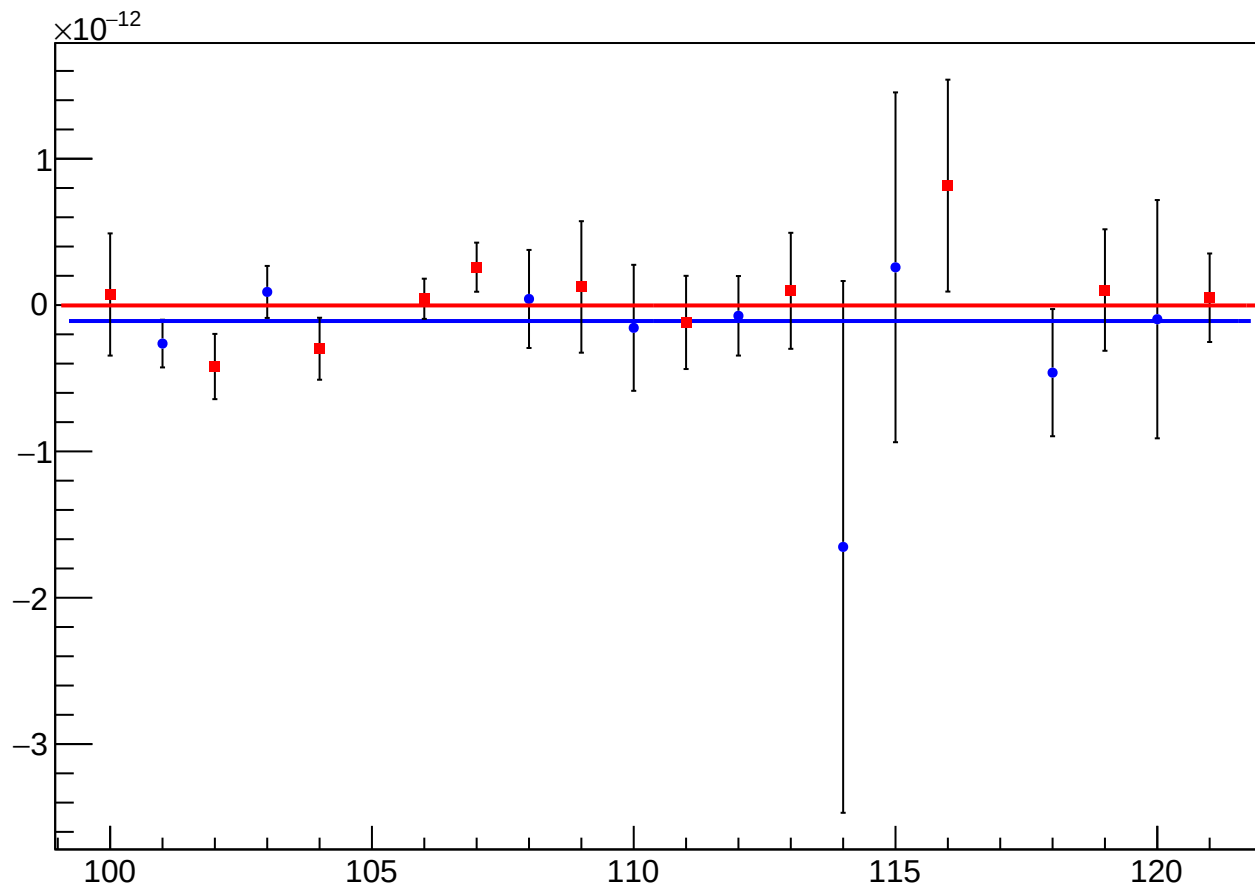
Right: 3438.642+/-0.874 χ^2/NDF : 577588.8/19

In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3438.642+/-0.874 χ^2/NDF : 577588.8/19

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

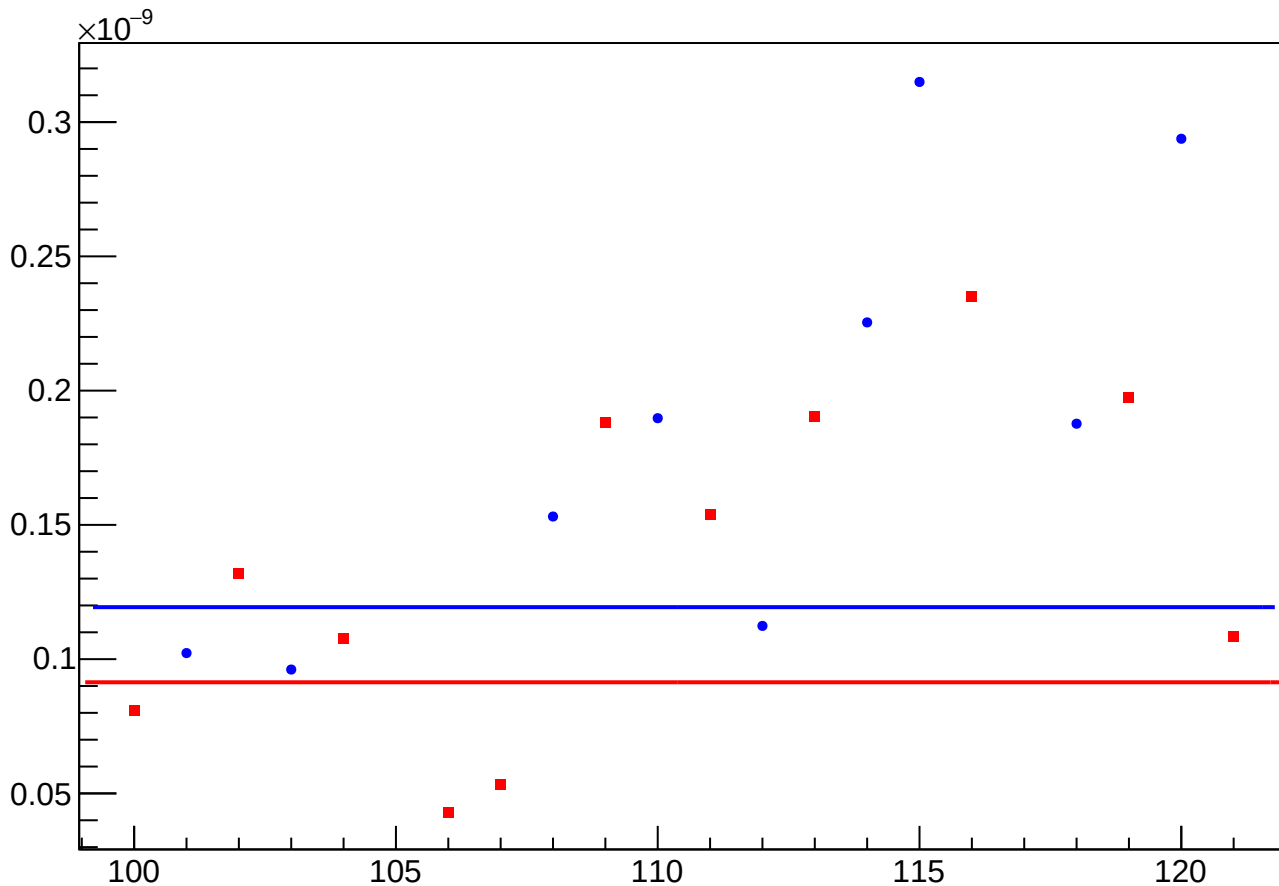
Right: -0.000+/-0.000 χ^2/NDF : 14.3/19

In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/19

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 941096.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

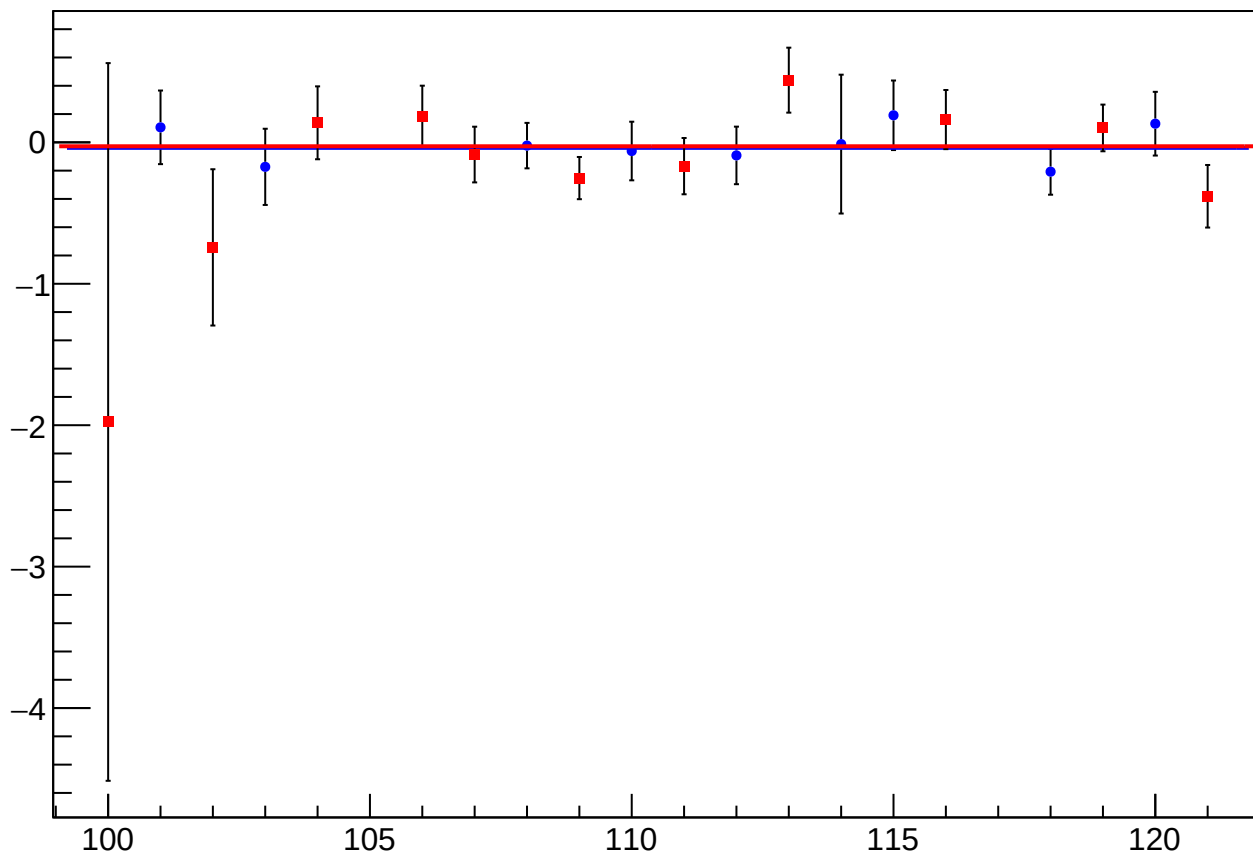
Right: 0.000+/-0.000 χ^2/NDF : 1376984.2/19

In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1376984.2/19

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 $\pm$ 0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.065 χ^2 /NDF: 14.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

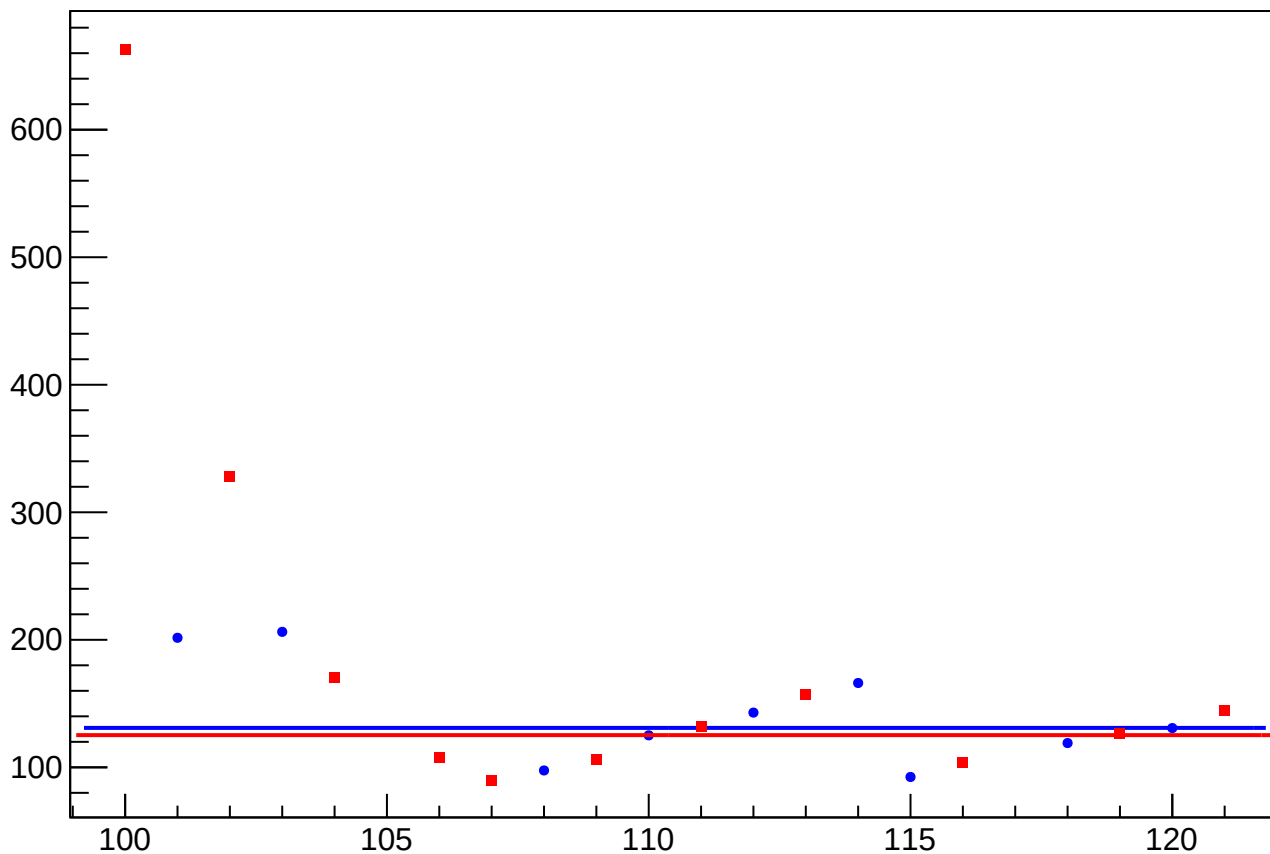
Right: -0.033 $\pm$ 0.048 χ^2 /NDF: 17.8/19

In: -0.039 $\pm$ 0.072 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.048 χ^2 /NDF: 17.8/19

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

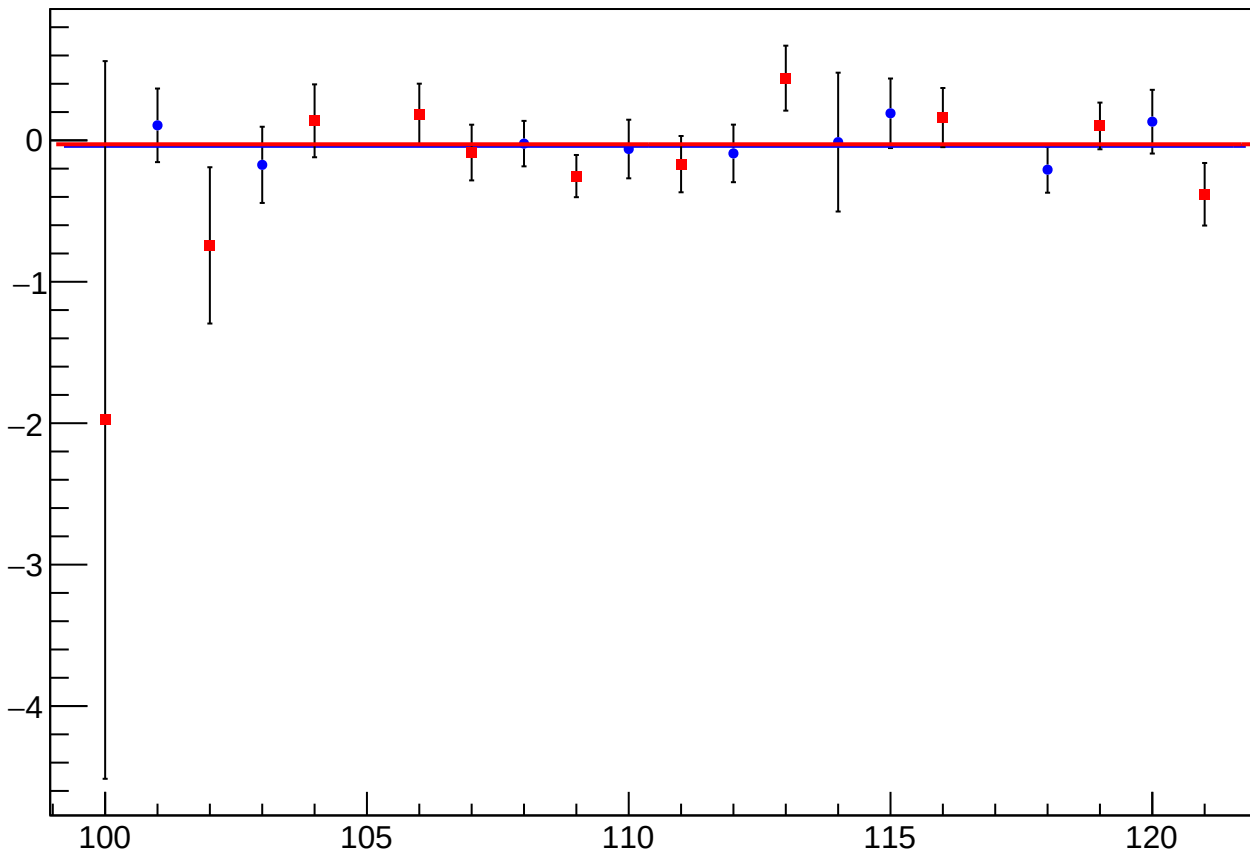
Right: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.028 ± 0.065 $\chi^2/\text{NDF}: 14.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

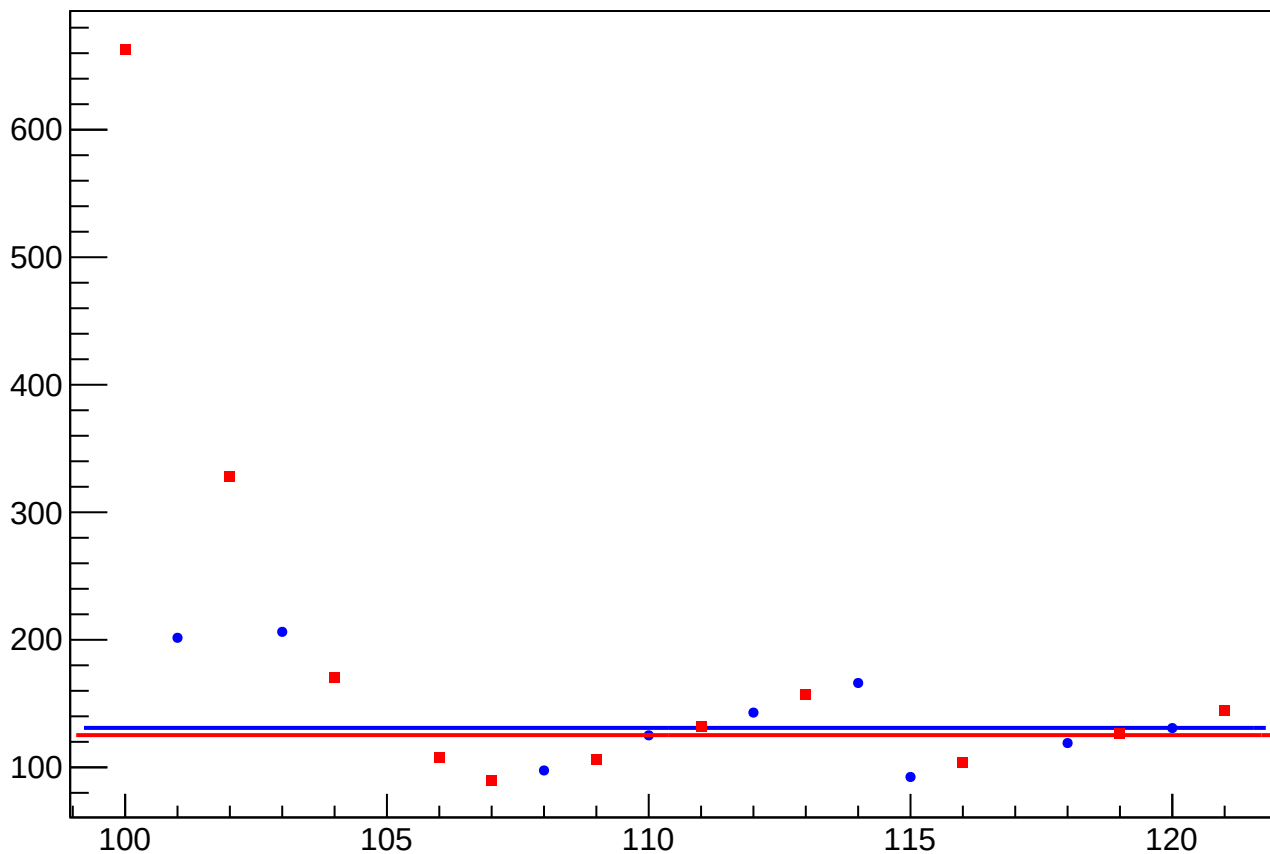
Right: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

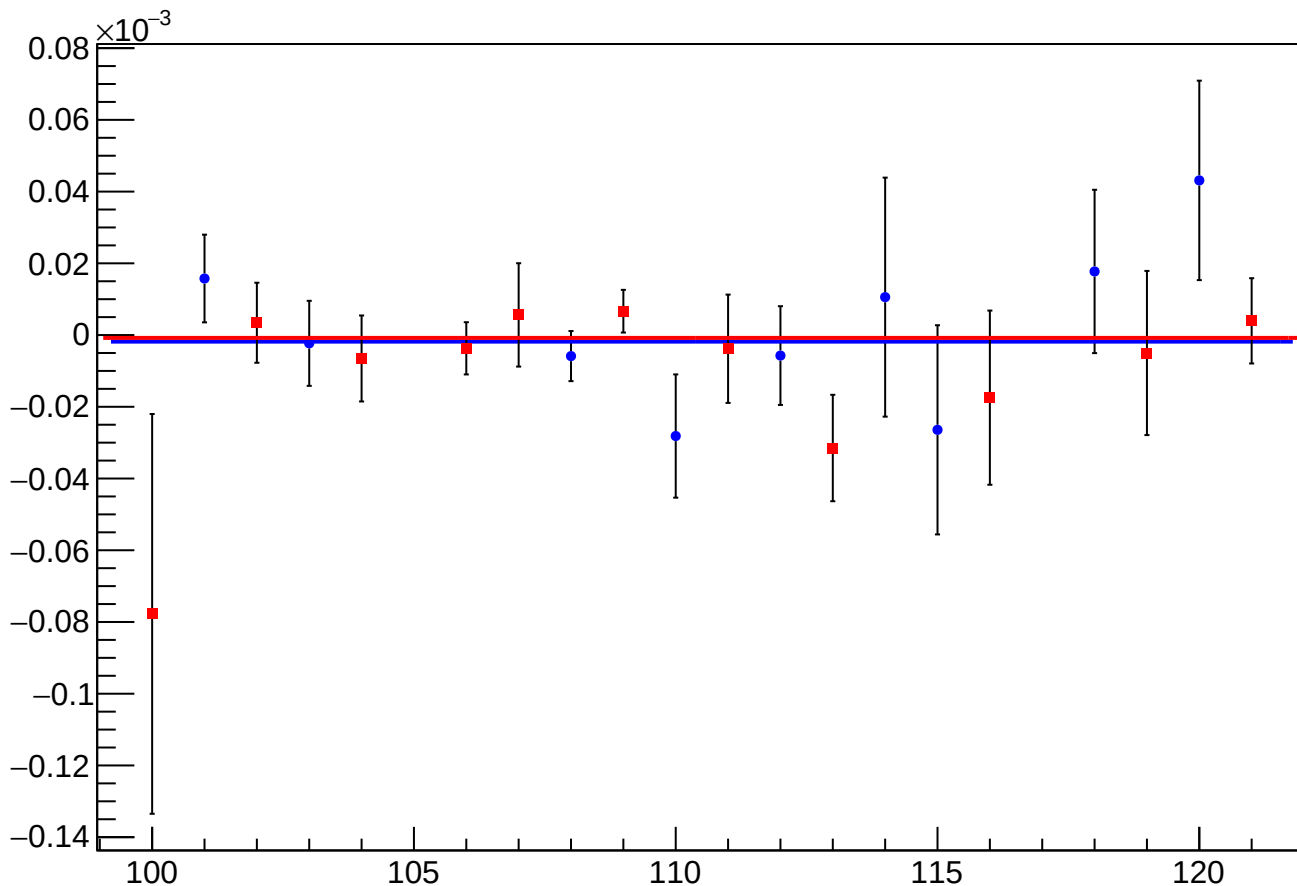
Right: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.819+/-0.034 χ^2/NDF : 1085237.8/19

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 : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

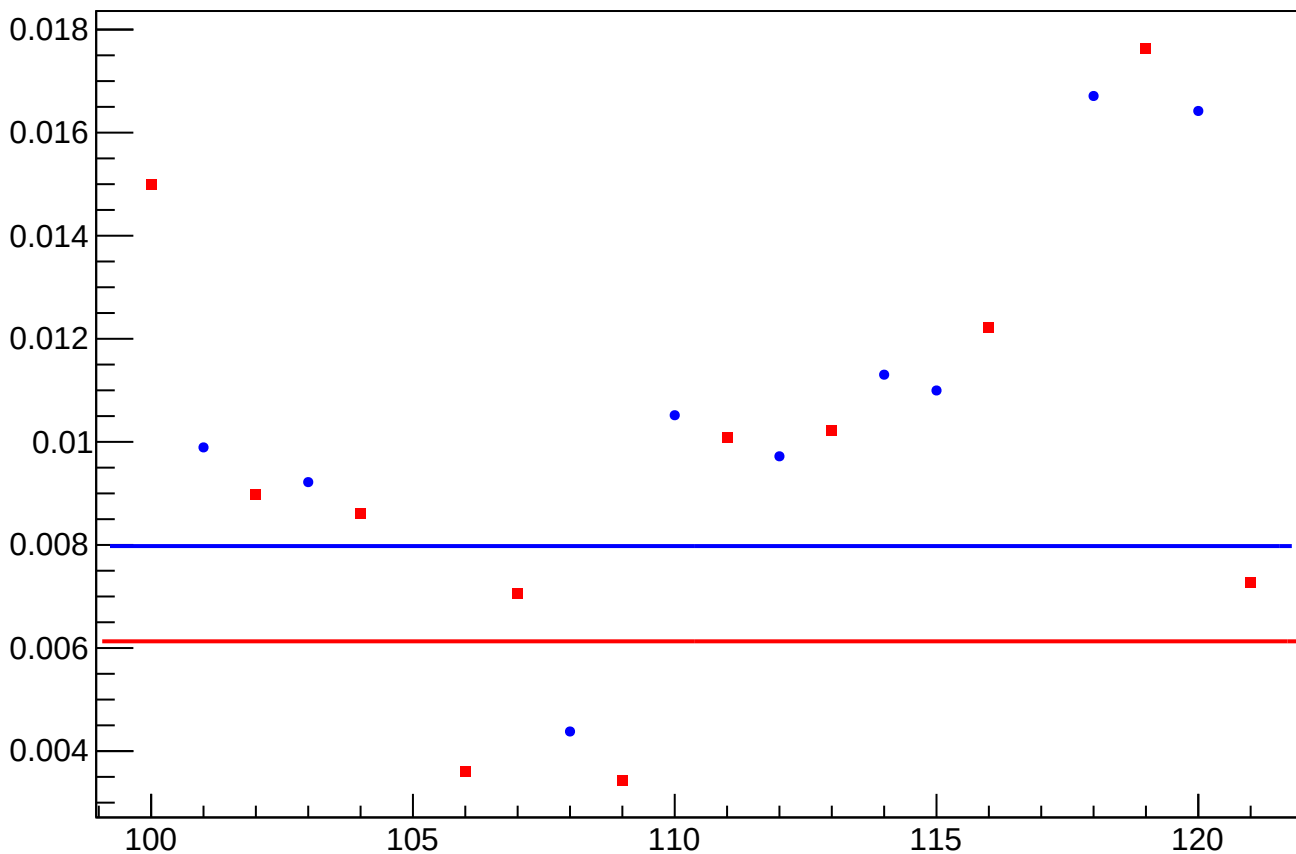
Right: -0.000+/-0.000 χ^2/NDF : 18.3/19

In: -0.000+/-0.000 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1865475.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

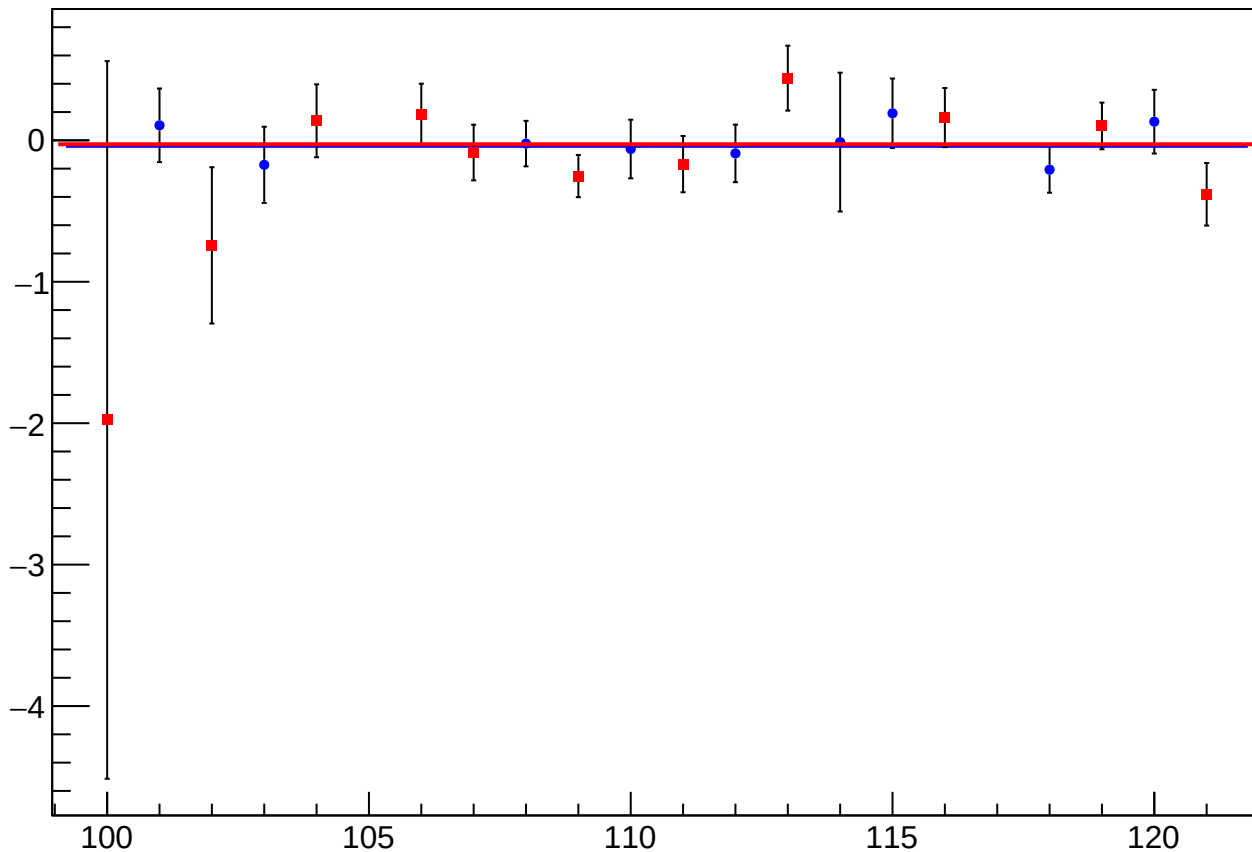
Right: 0.007+/-0.000 χ^2/NDF : 3274460.6/19

In: 0.008+/-0.000 χ^2/NDF :1197031.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3274460.6/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.028+/-0.065 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

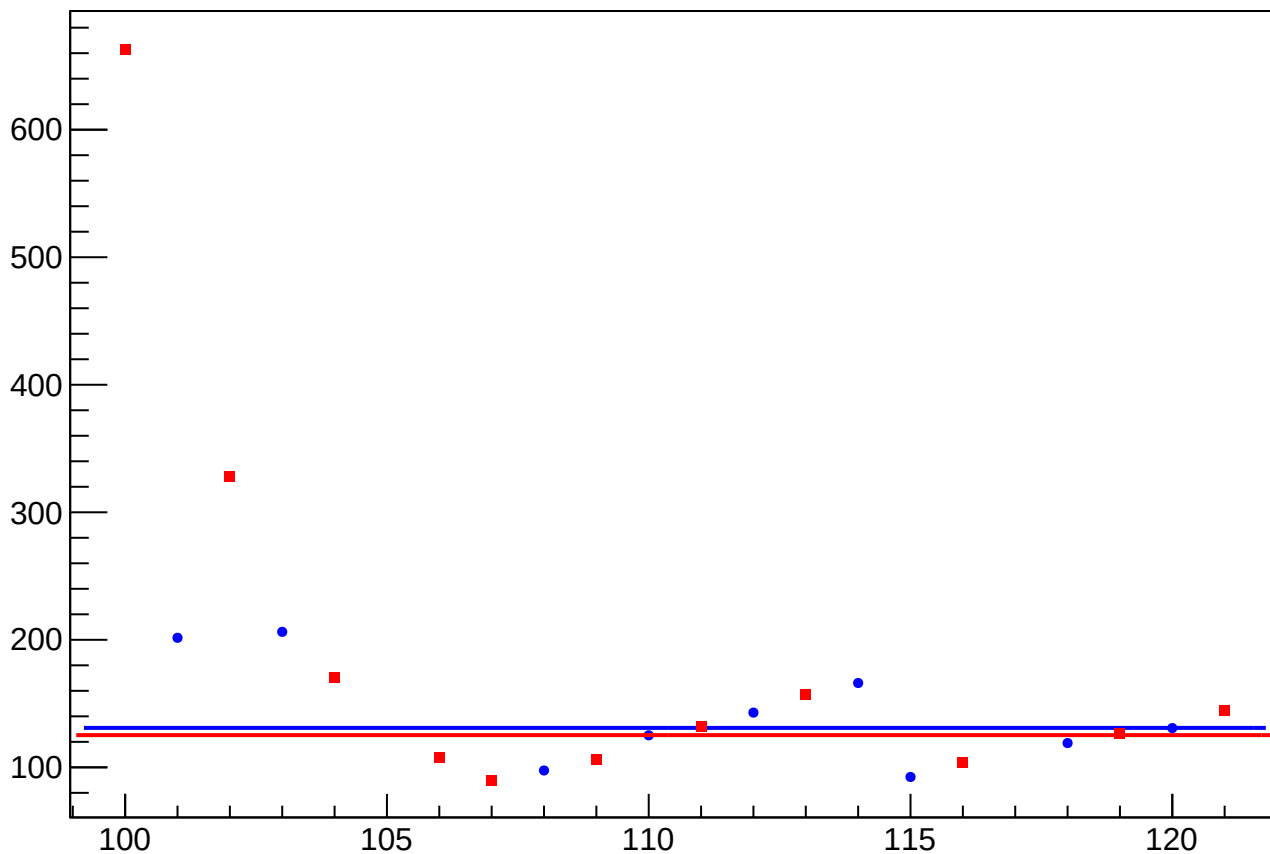
Right: -0.033+/-0.048 χ^2/NDF : 17.8/19

In: -0.039+/-0.072 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.048 χ^2/NDF : 17.8/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

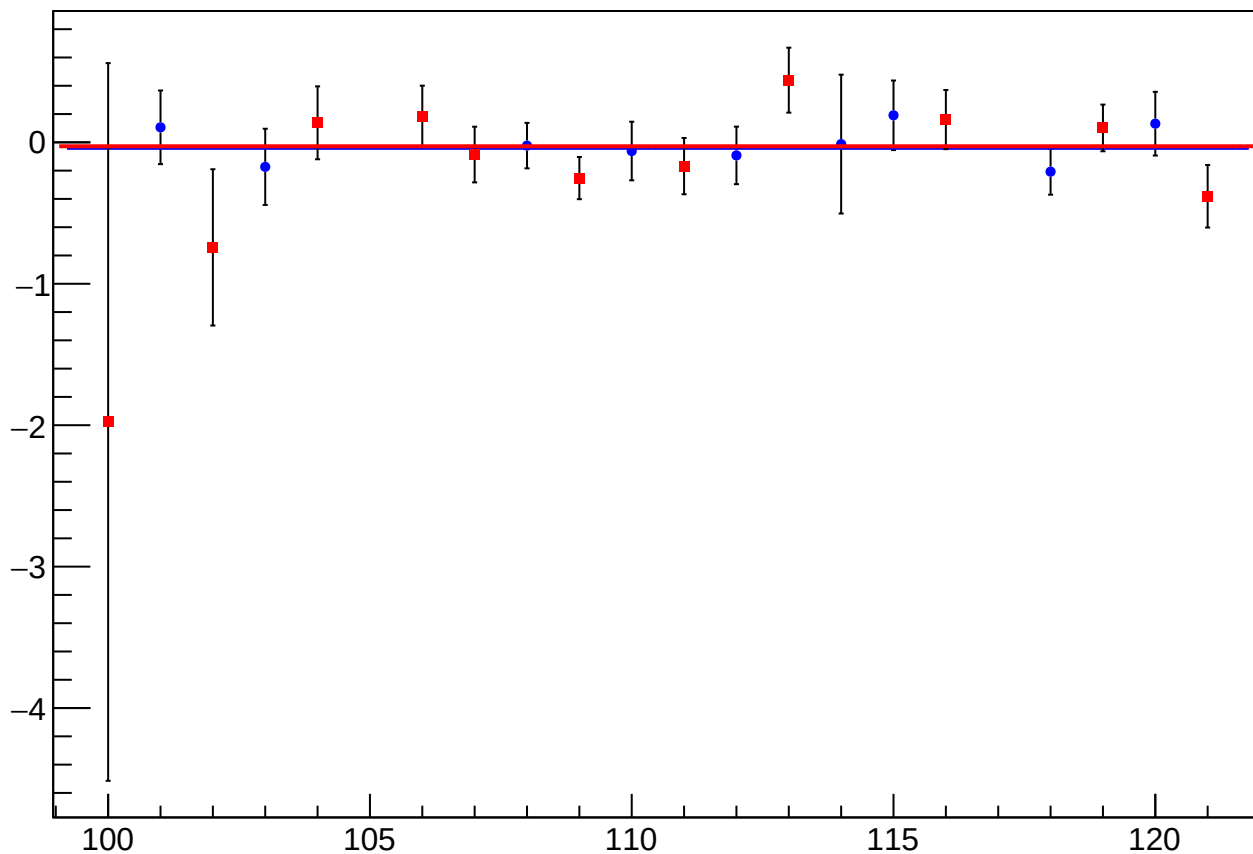
Right: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.028 ± 0.065 $\chi^2/\text{NDF}: 14.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

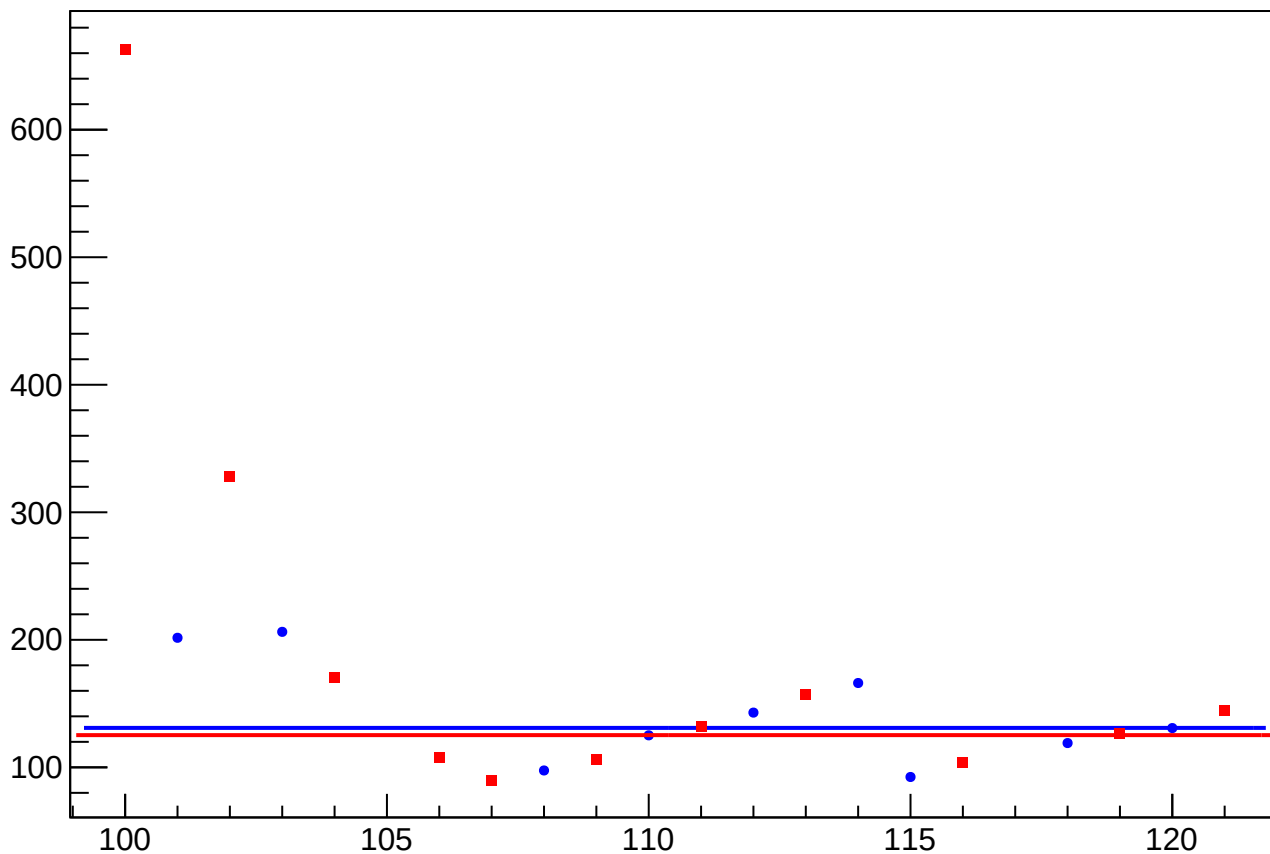
Right: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.048 $\chi^2/\text{NDF}: 17.8/19$

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

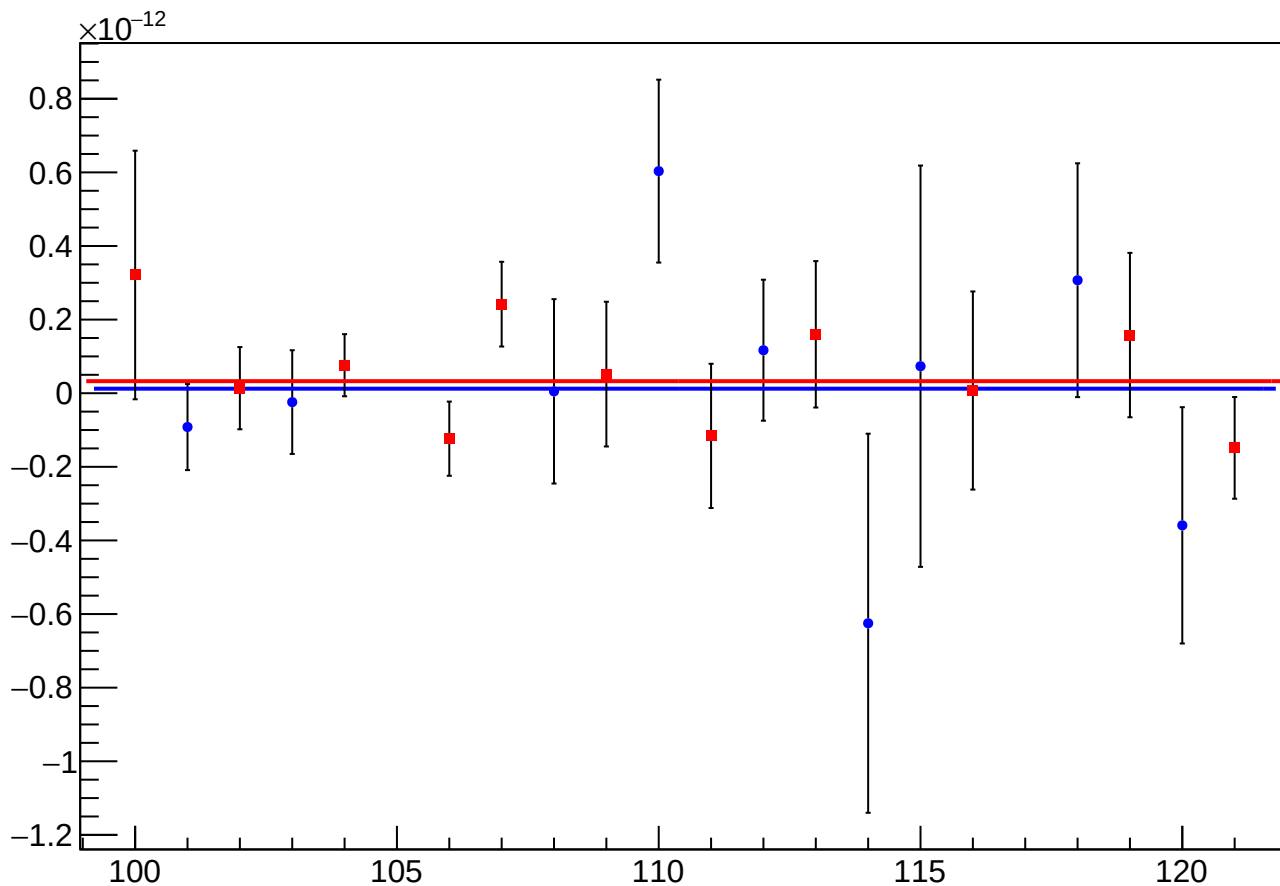
Right: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.821+/-0.034 χ^2/NDF : 1085150.8/19

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 : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

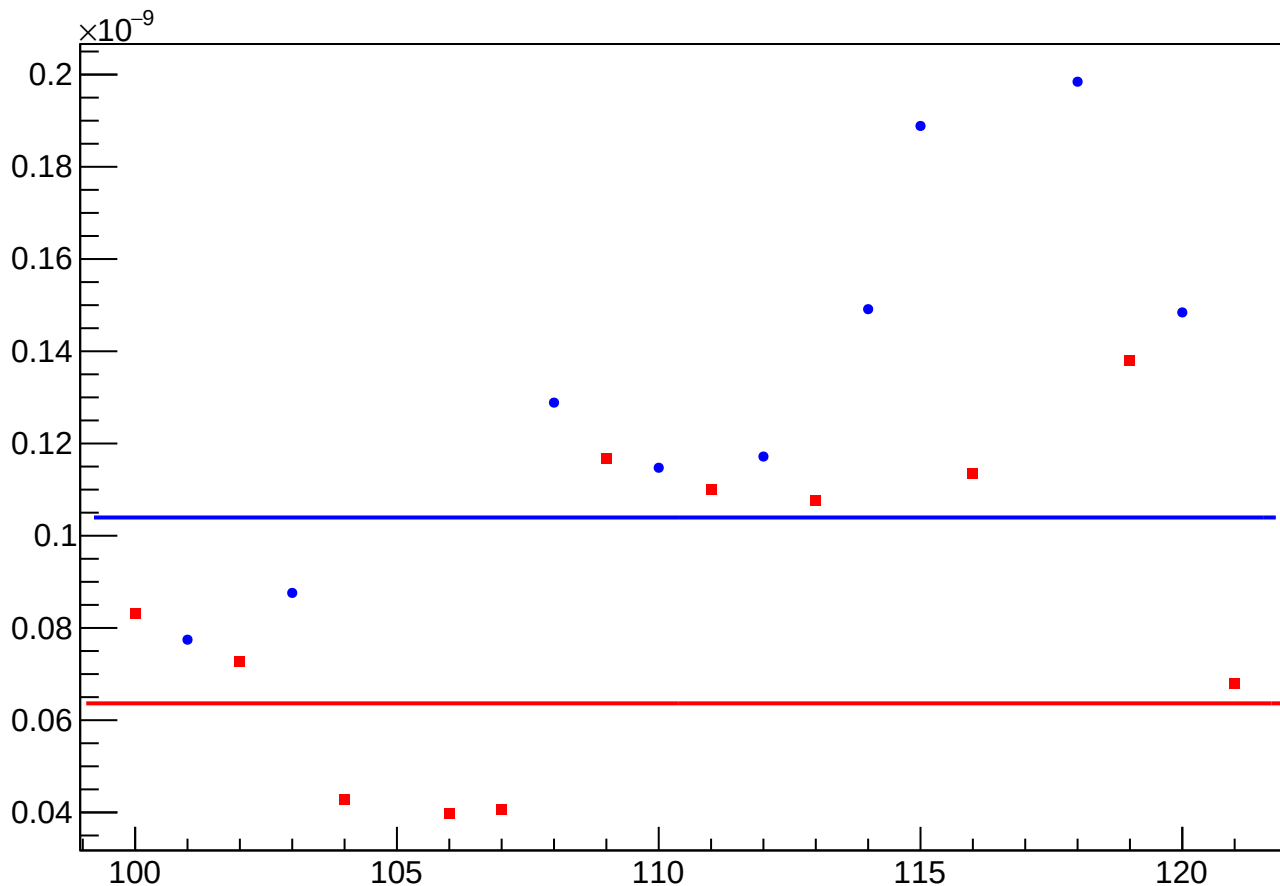
Right: 0.000+/-0.000 χ^2/NDF : 20.4/19

In: 0.000+/-0.000 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/19

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 : 441662.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 981434.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

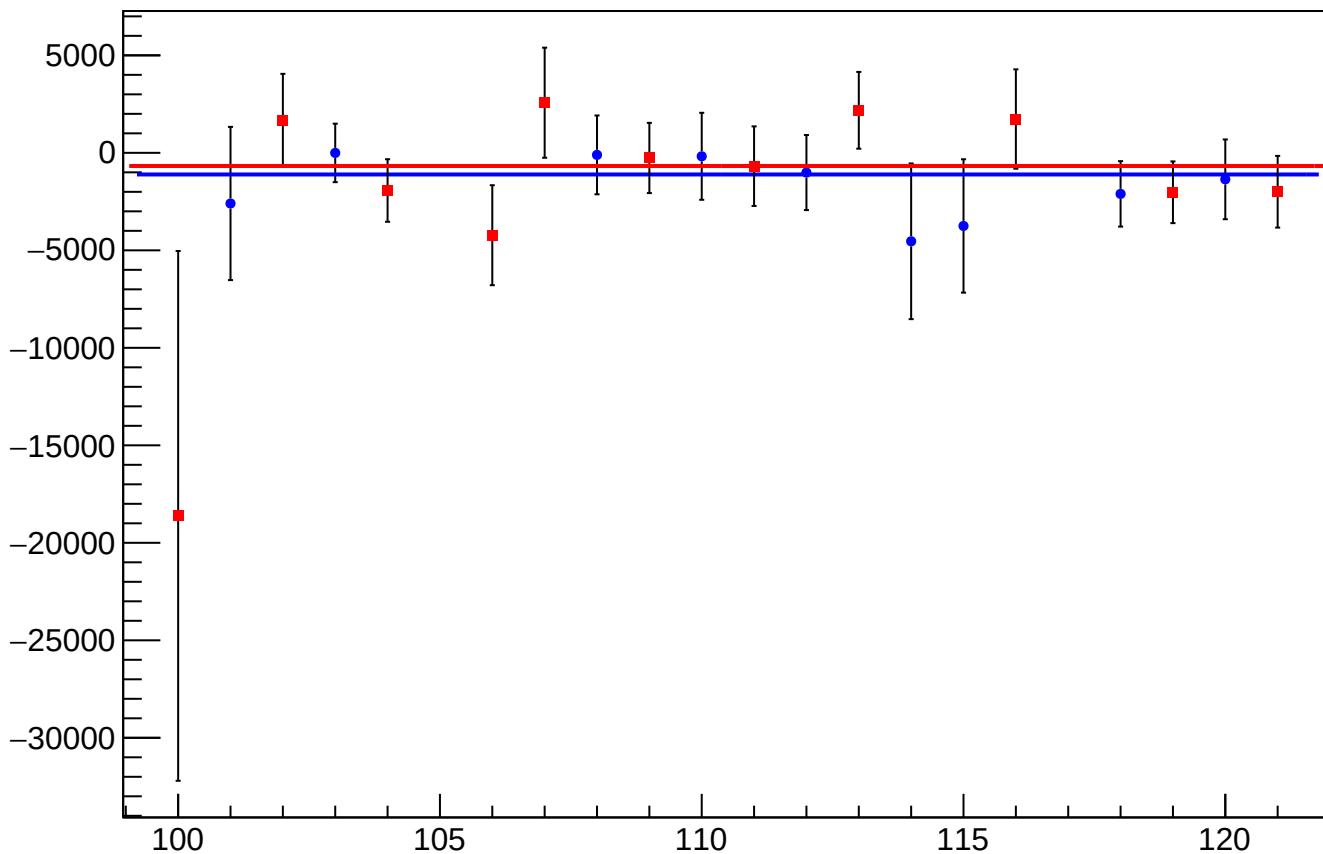
Right: 0.000+/-0.000 χ^2/NDF : 1919899.8/19

In: 0.000+/-0.000 χ^2/NDF : 441662.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1919899.8/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -673.699+/-631.911 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

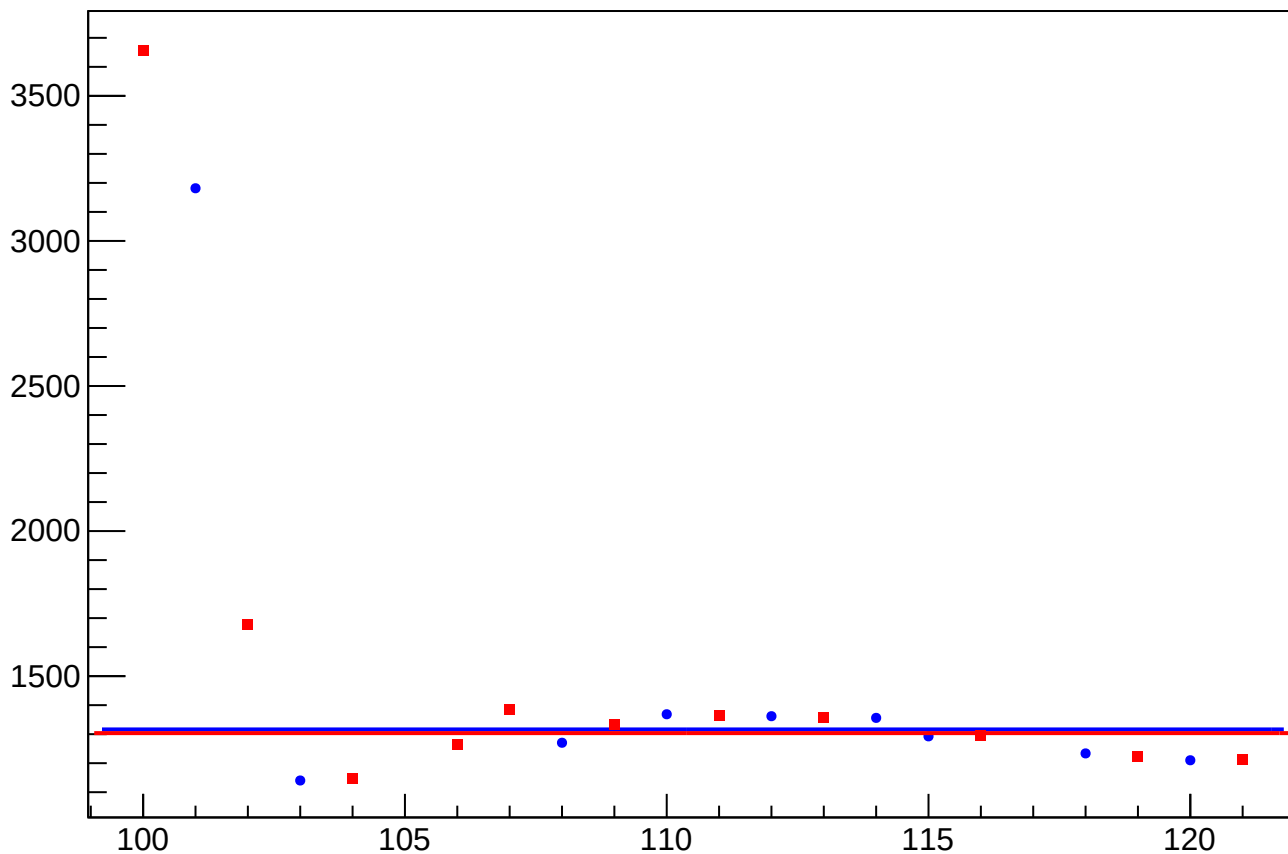
Right: -865.185+/-472.911 χ^2/NDF : 13.9/19

In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -865.185+/-472.911 χ^2/NDF : 13.9/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.593+/-0.447 χ^2/NDF : 144035.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

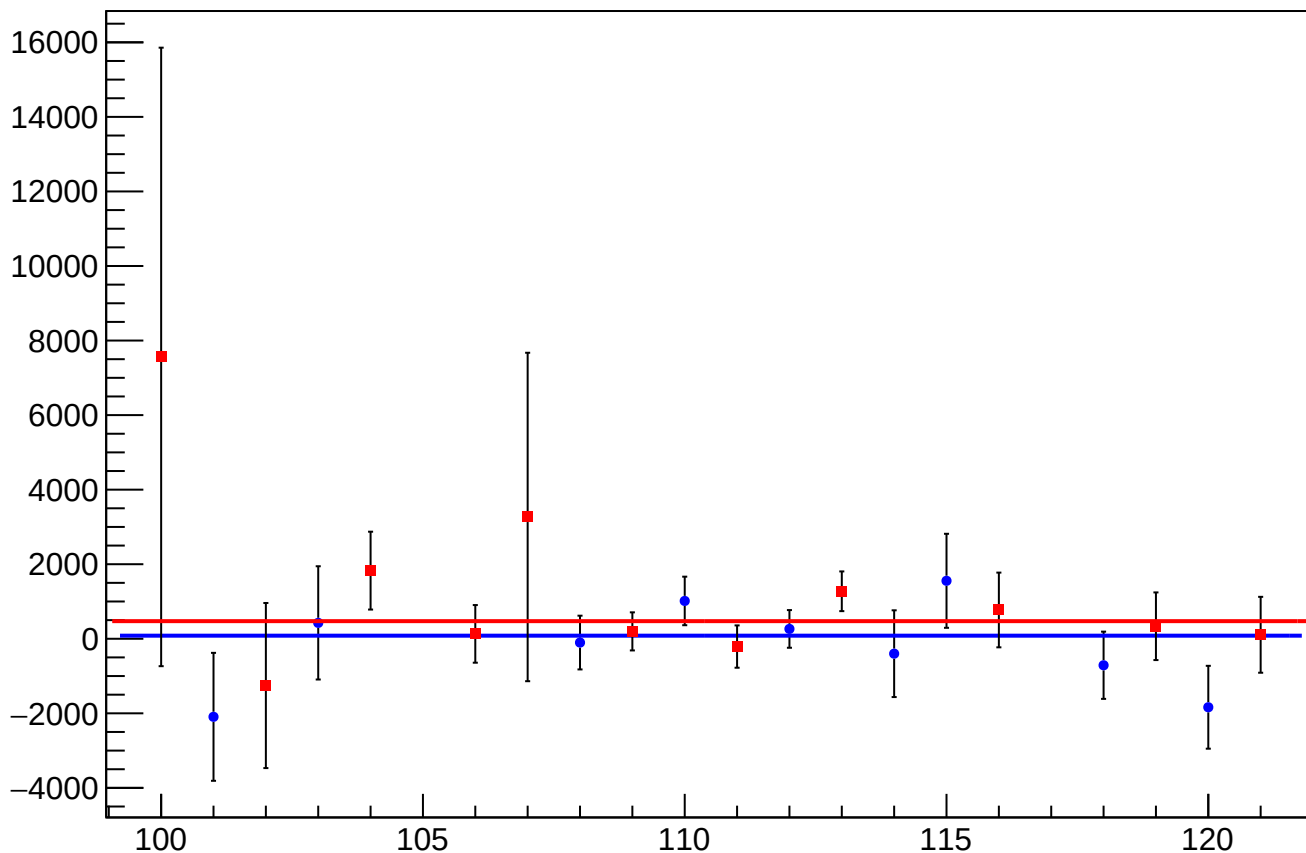
Right: 1309.188+/-0.334 χ^2/NDF : 636546.9/19

In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.188+/-0.334 χ^2/NDF : 636546.9/19

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.674+/-246.233 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

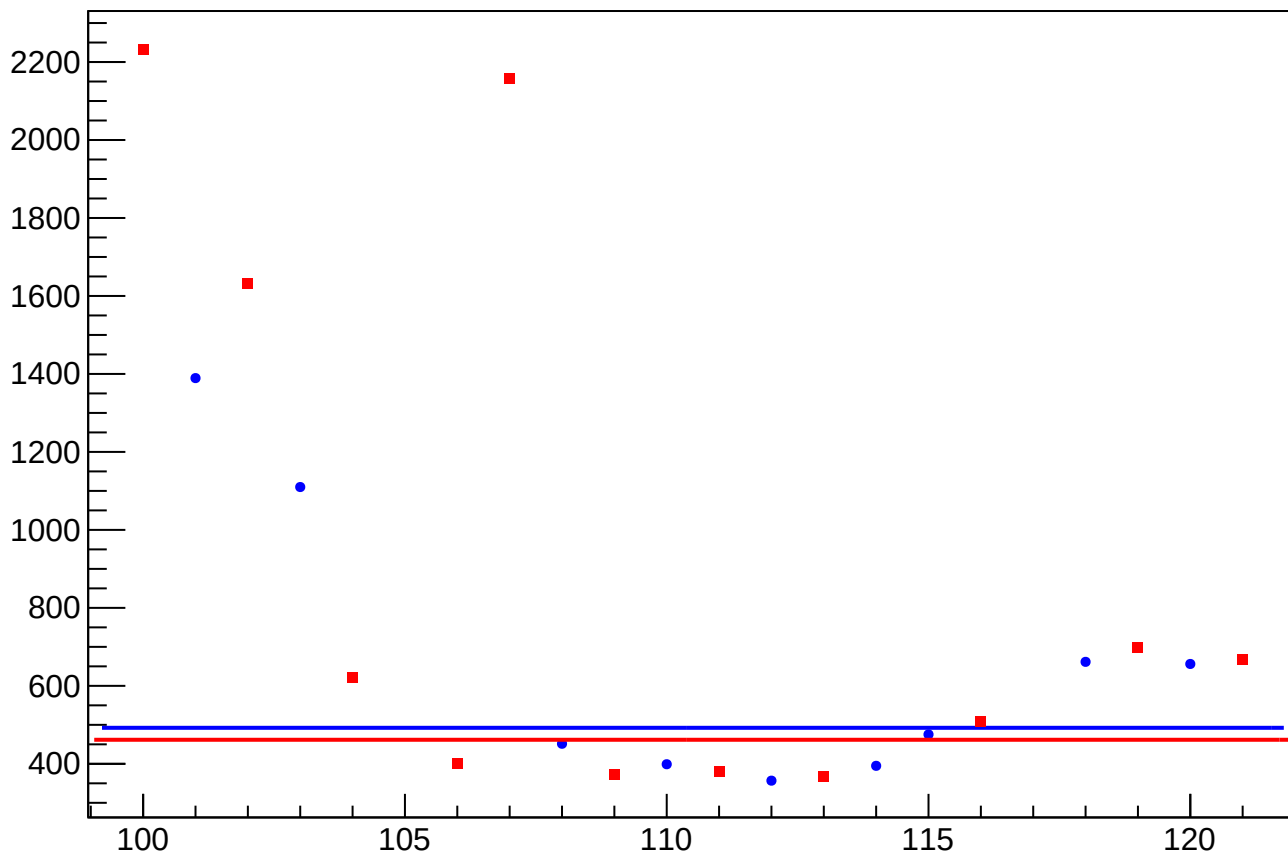
Right: 305.613+/-186.110 χ^2/NDF : 18.1/19

In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.613+/-186.110 χ^2/NDF : 18.1/19

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.702+/-0.174 χ^2/NDF : 1394438.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

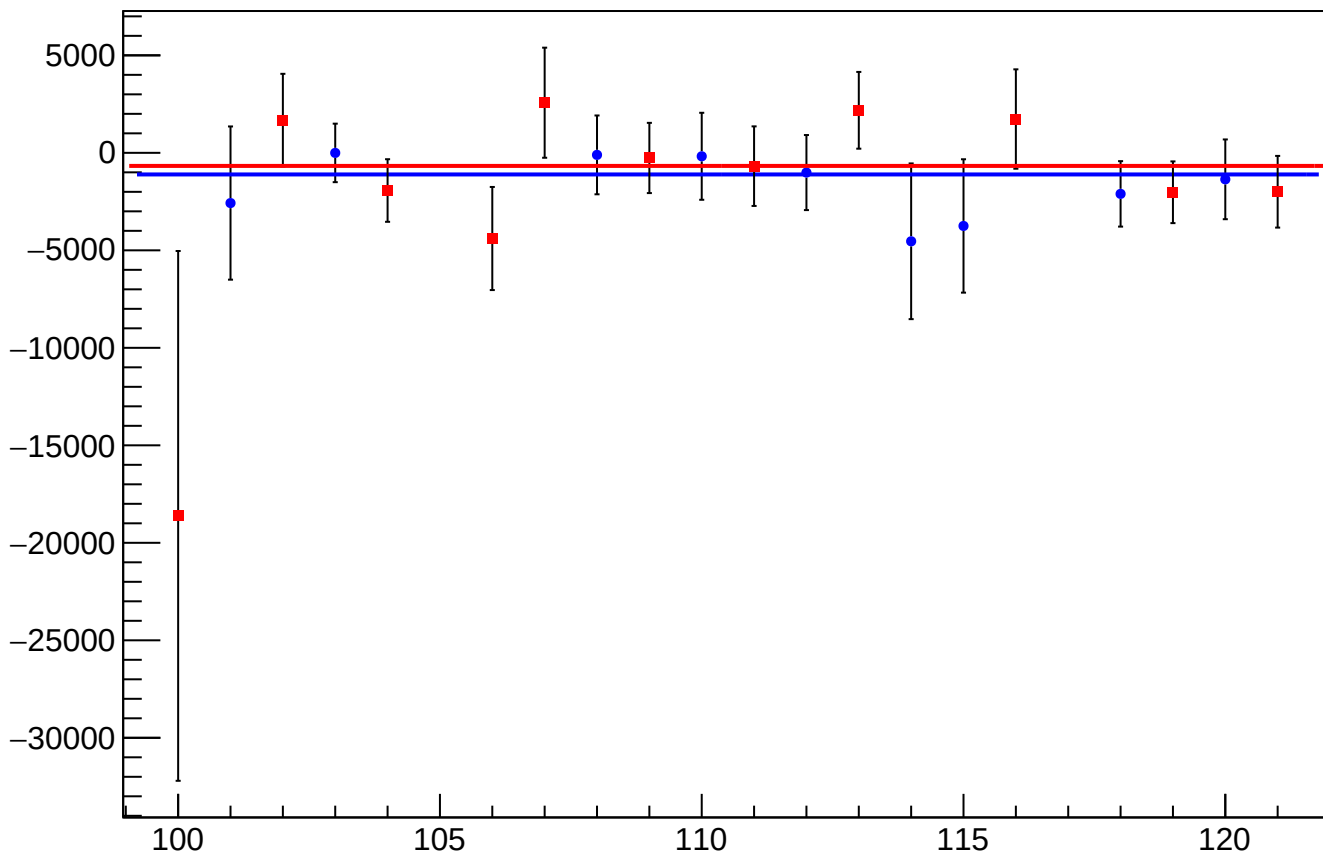
Right: 474.865+/-0.132 χ^2/NDF : 2604240.8/19

In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.865+/-0.132 χ^2/NDF : 2604240.8/19

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

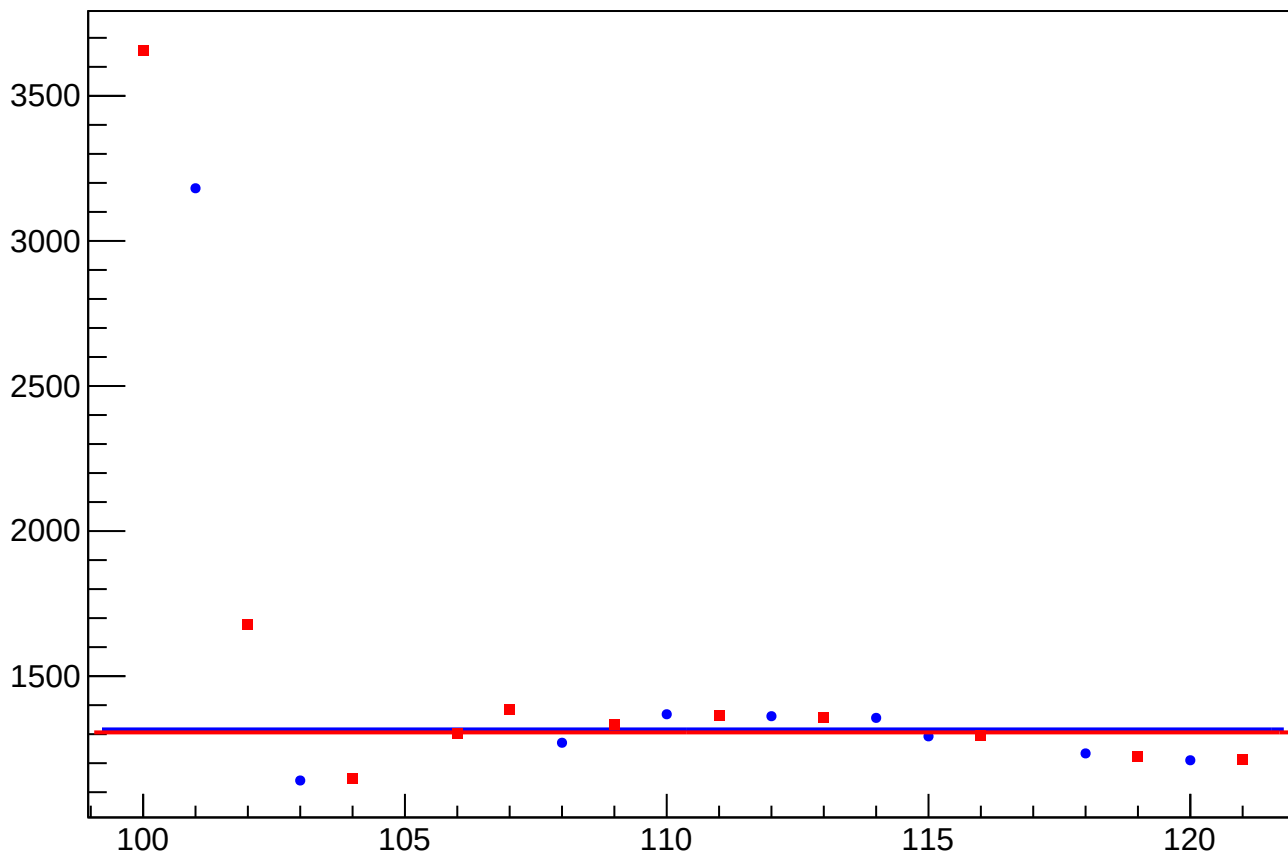
Right: -863.445+/-473.393 χ^2/NDF : 13.9/19

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.445+/-473.393 χ^2/NDF : 13.9/19

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

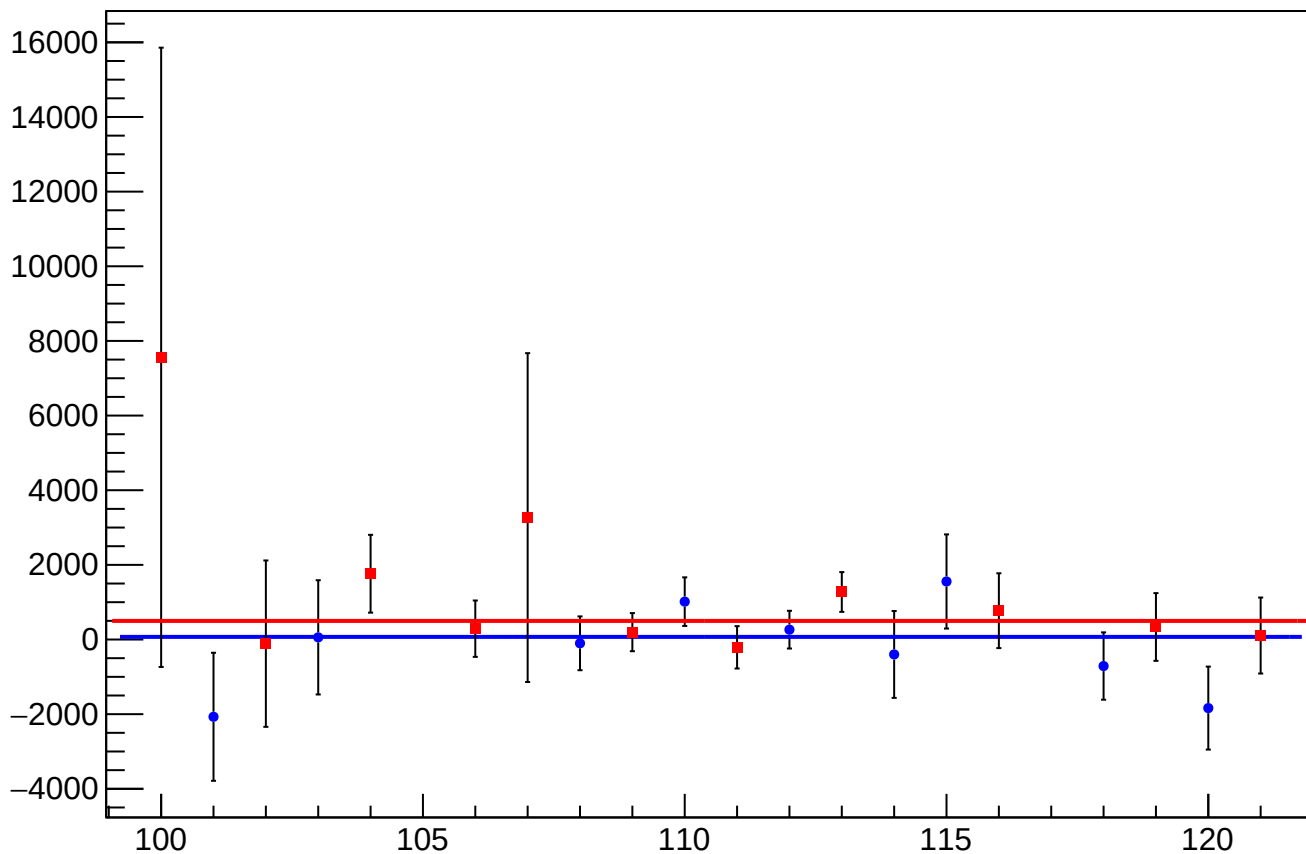
Right: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.362+/-245.622 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

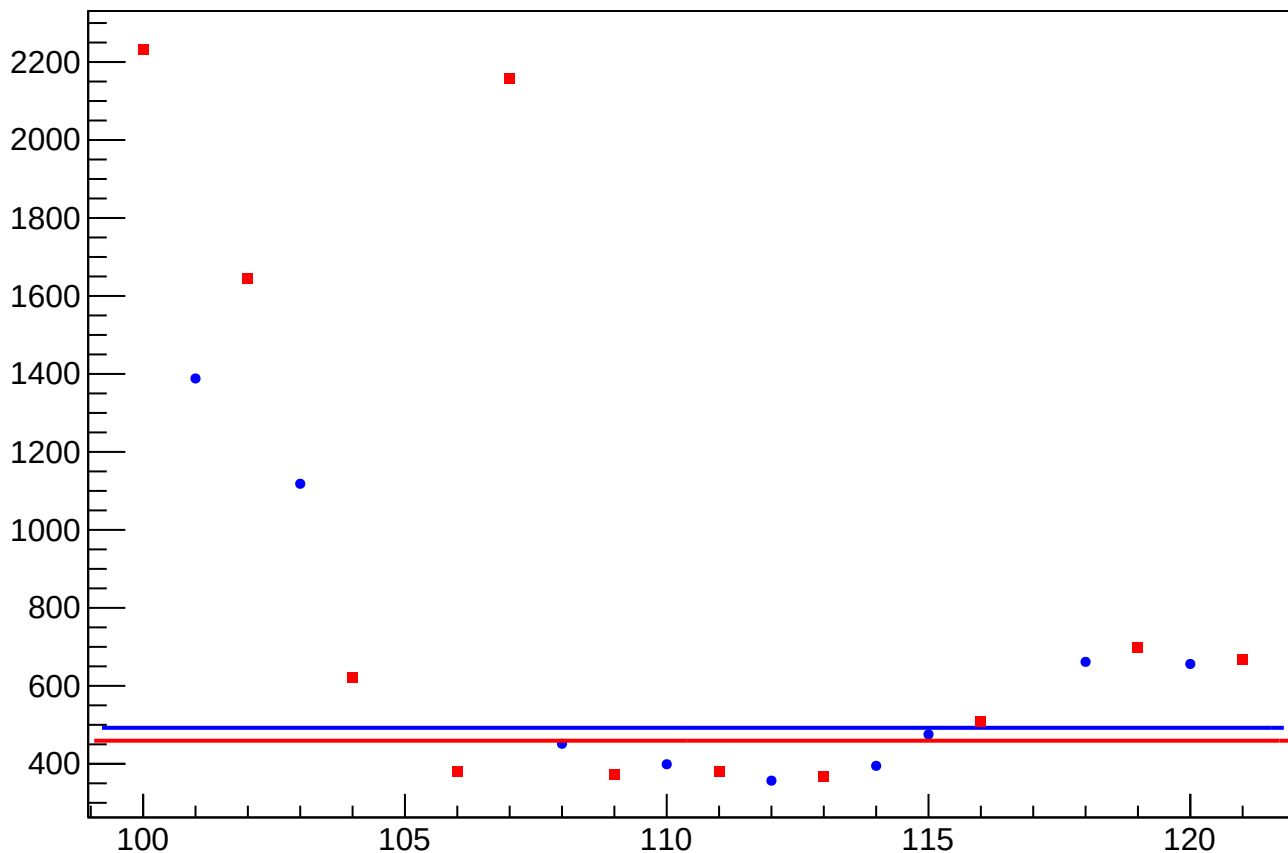
Right: 315.606+/-185.865 χ^2/NDF : 17.4/19

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.606+/-185.865 χ^2/NDF : 17.4/19

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

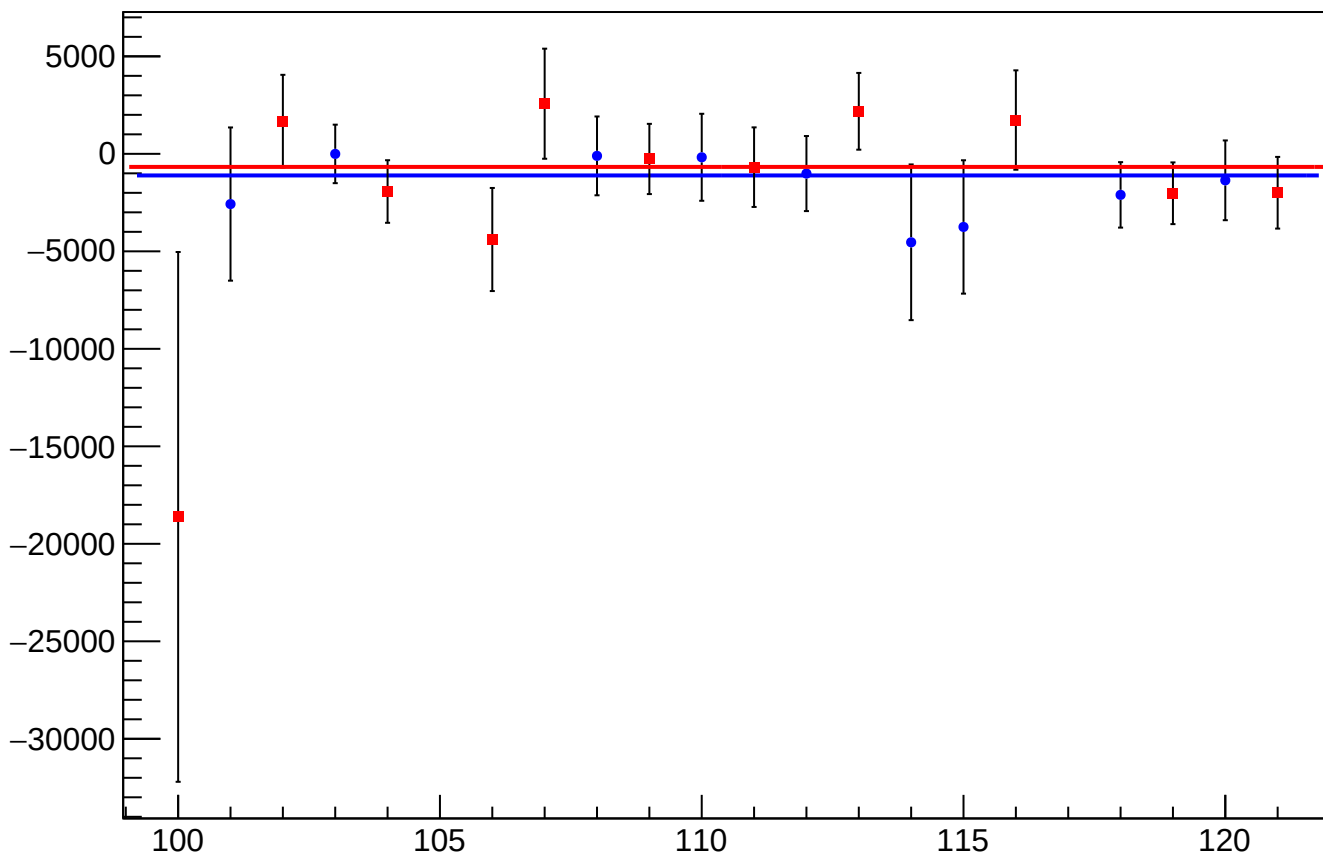
Right: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

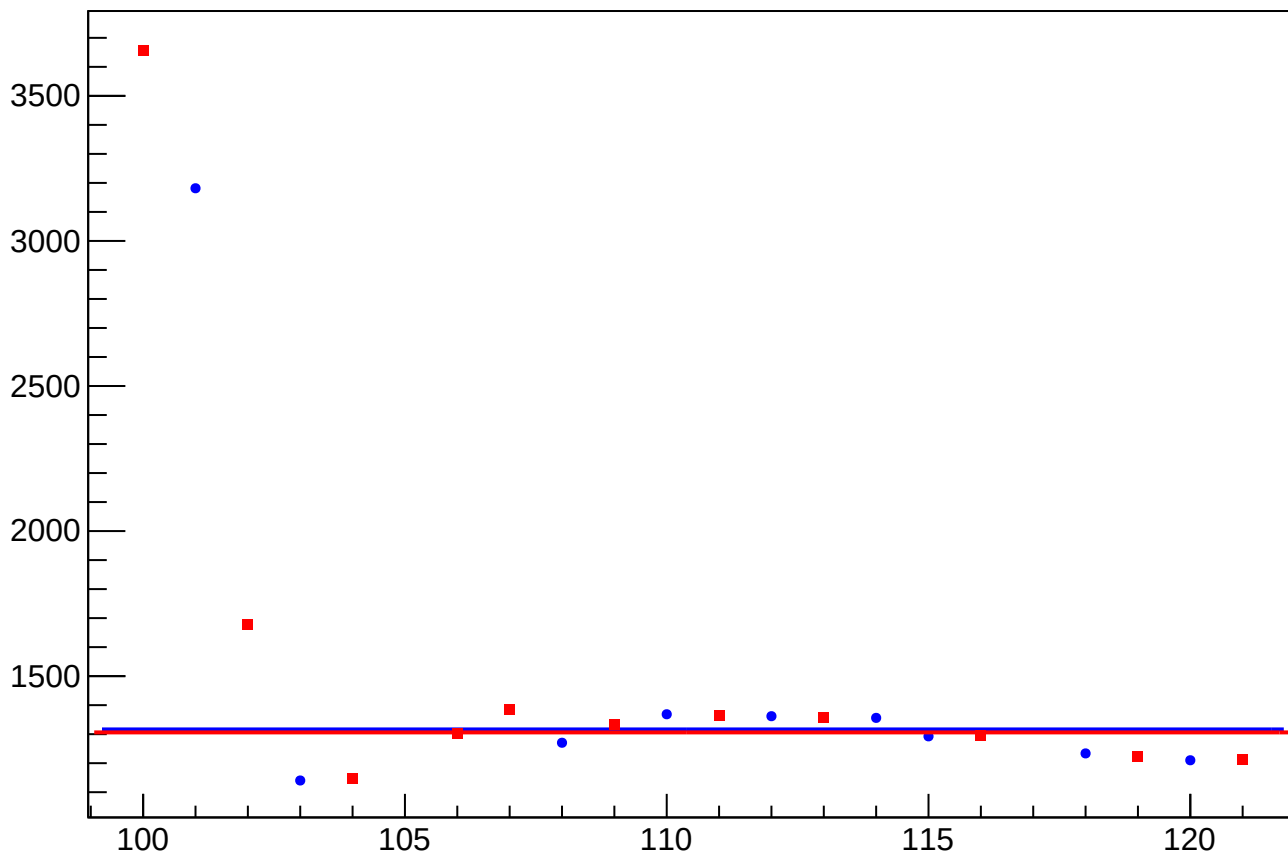
Right: -863.445+/-473.393 χ^2/NDF : 13.9/19

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.445+/-473.393 χ^2/NDF : 13.9/19

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

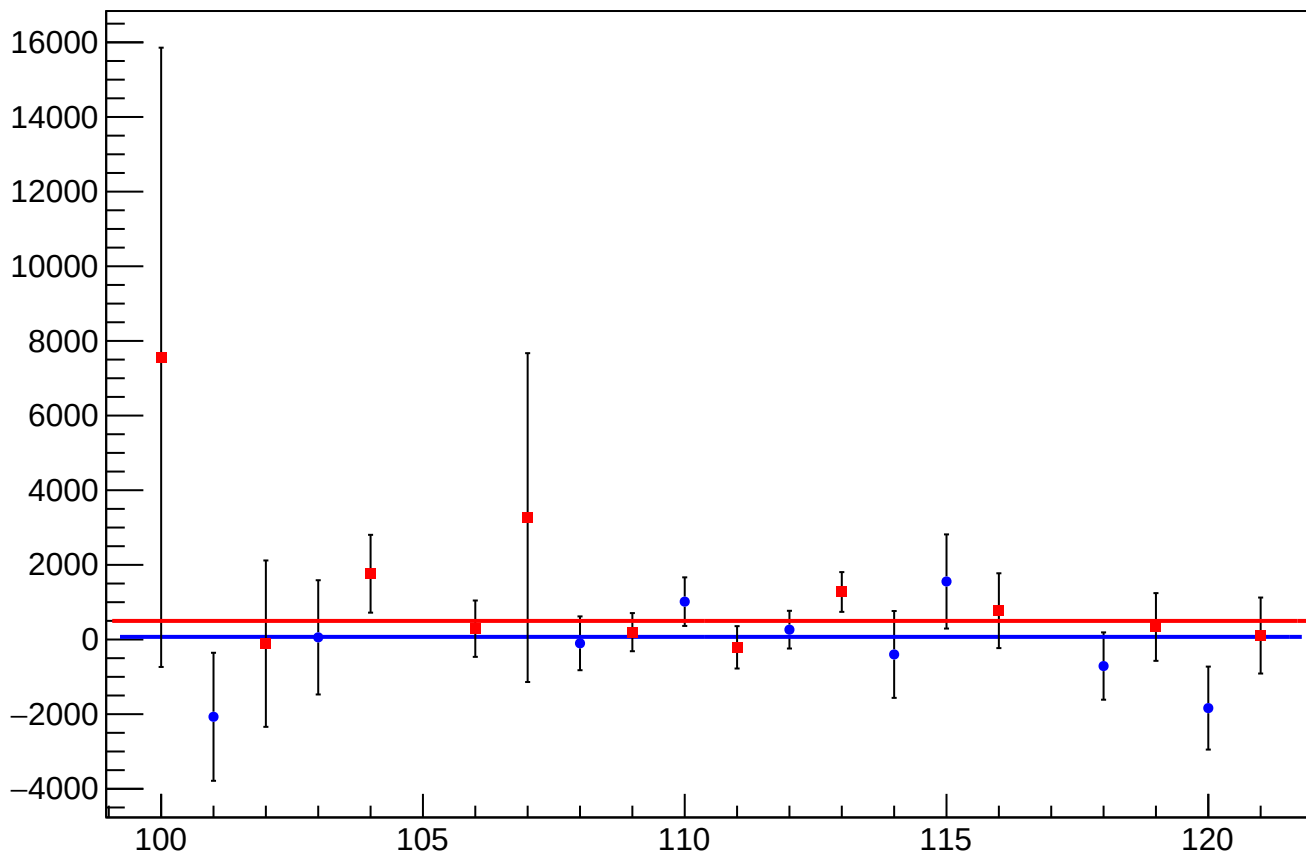
Right: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.590+/-0.335 χ^2/NDF : 635892.0/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.362+/-245.622 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

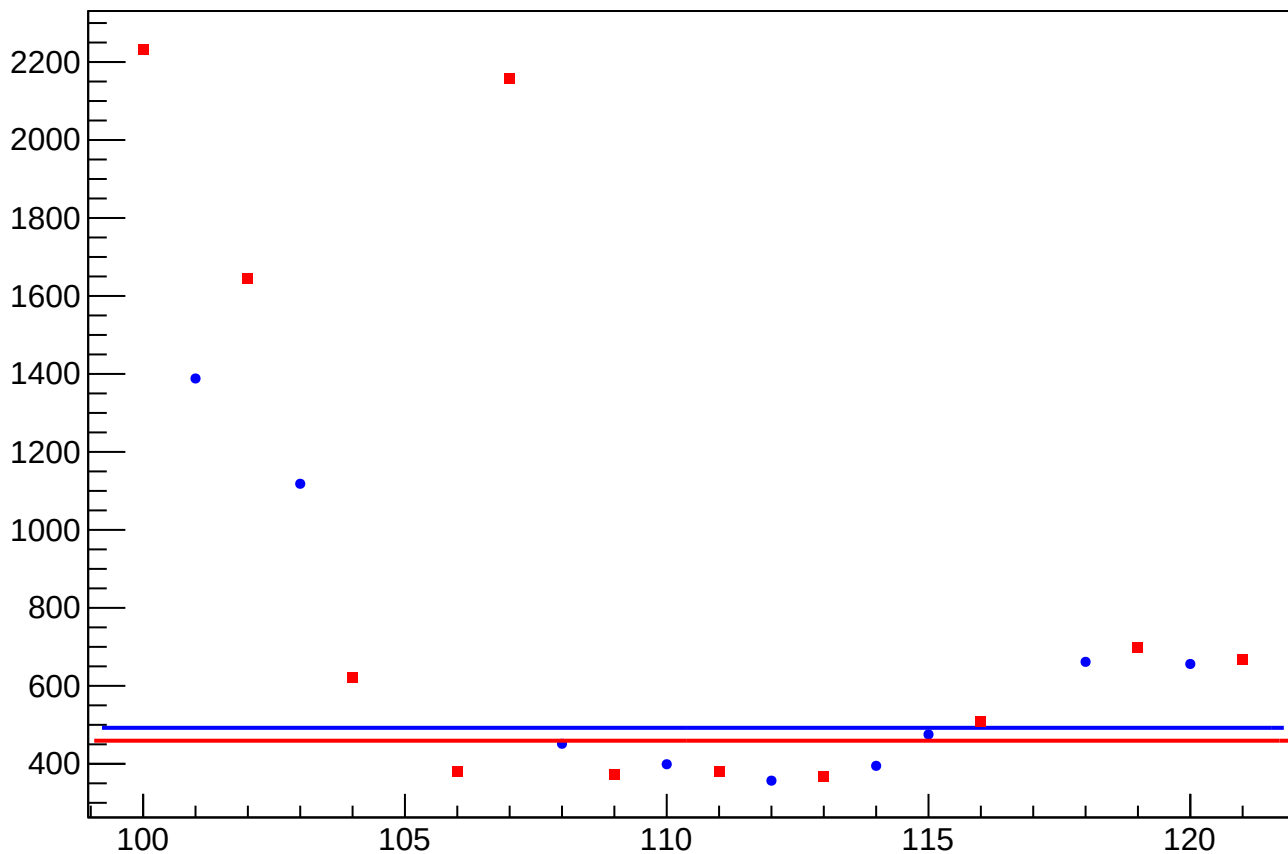
Right: 315.606+/-185.865 χ^2/NDF : 17.4/19

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.606+/-185.865 χ^2/NDF : 17.4/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

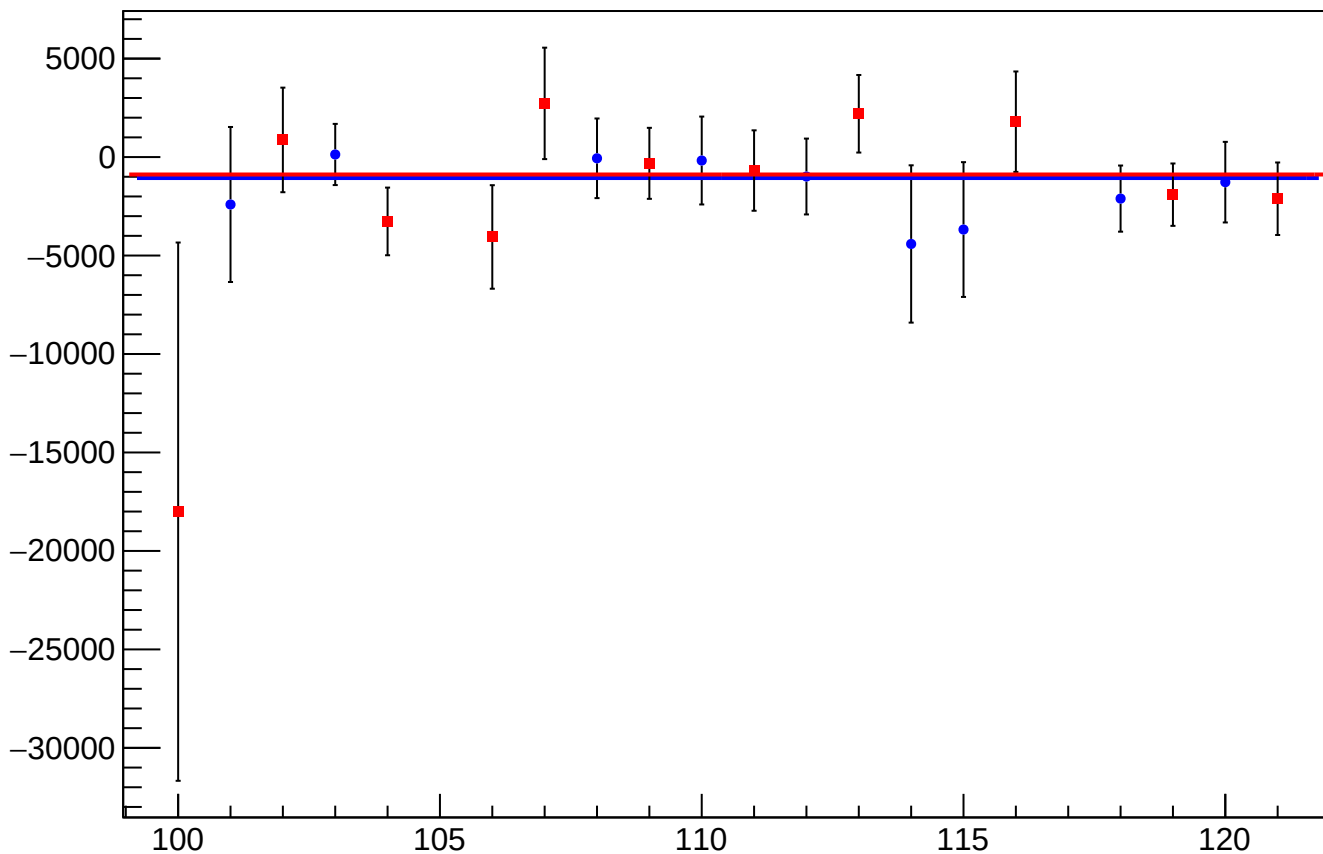
Right: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

In: 492.389+/-0.201 χ^2/NDF :1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 473.453+/-0.131 χ^2/NDF : 2627037.0/19

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

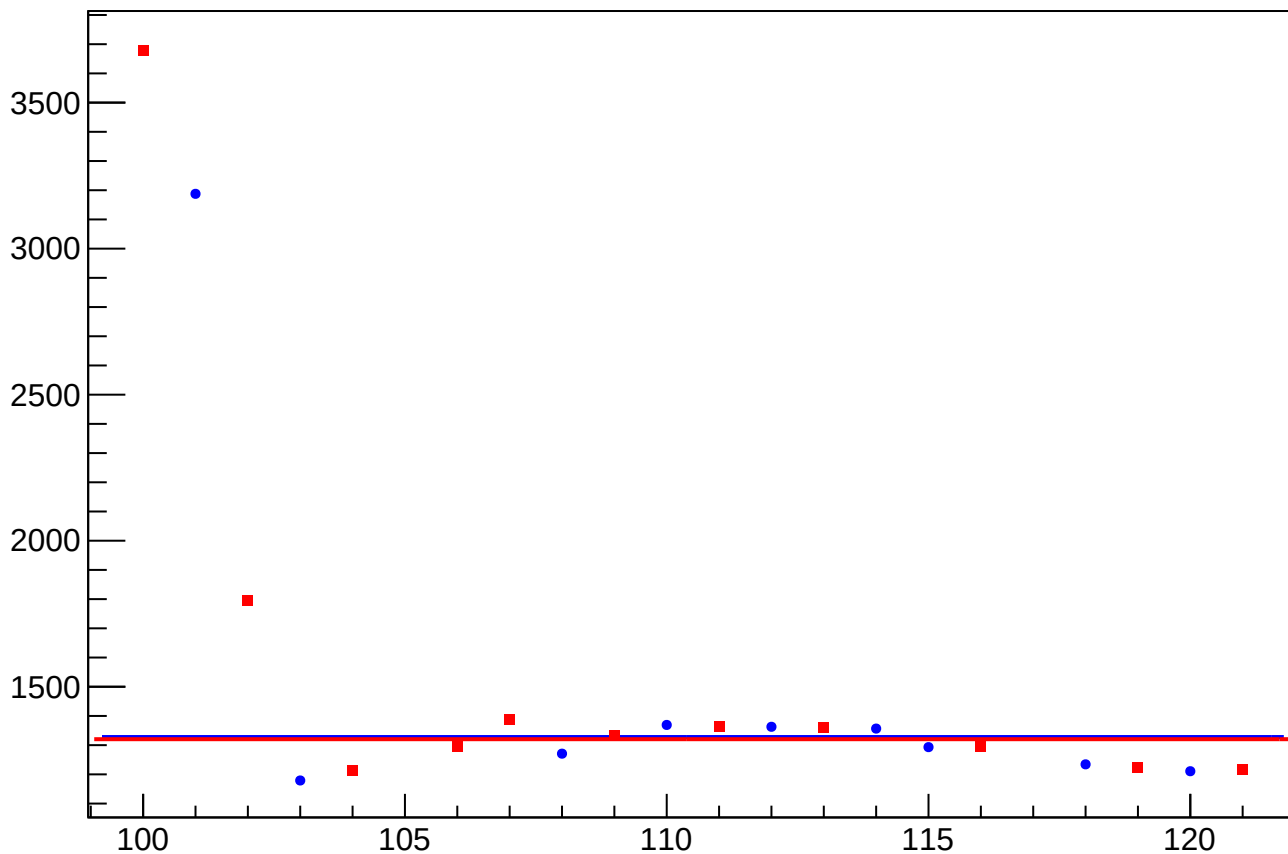
Right: -964.800+/-479.772 χ^2/NDF : 14.4/19

In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.800+/-479.772 χ^2/NDF : 14.4/19

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.409+/-0.456 χ^2/NDF : 148563.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

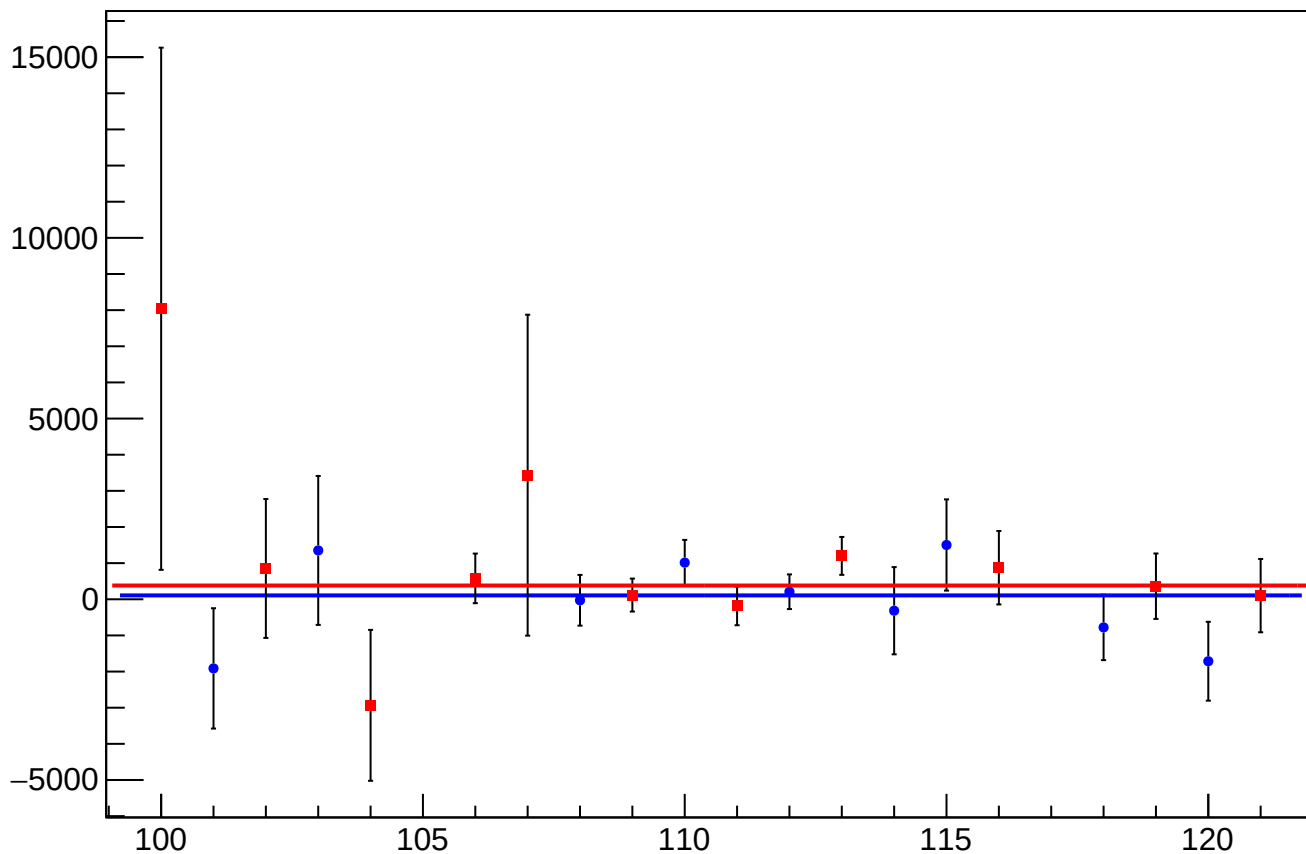
Right: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.031+/-237.056 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

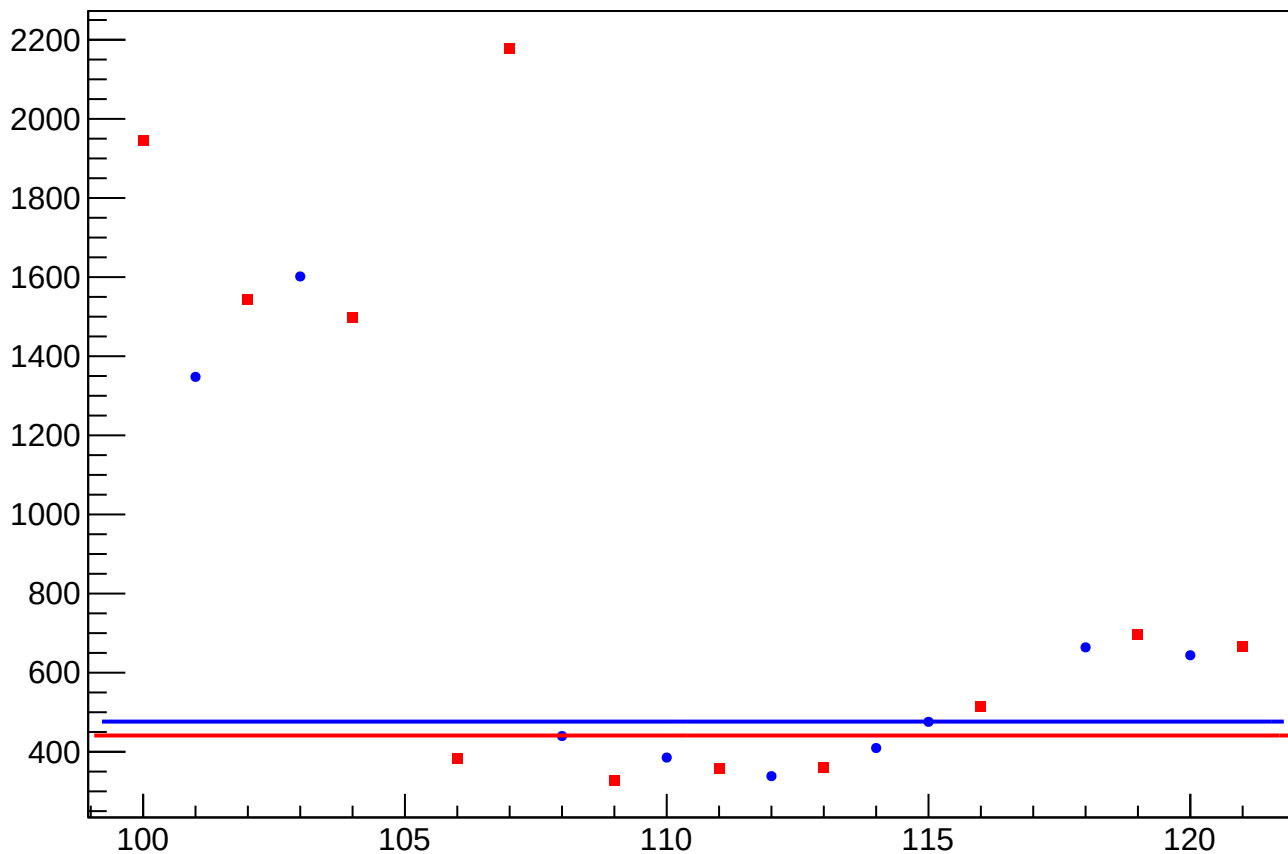
Right: 266.035+/-180.569 χ^2/NDF : 18.1/19

In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.035+/-180.569 χ^2/NDF : 18.1/19

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.199+/-0.168 χ^2/NDF : 2067403.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

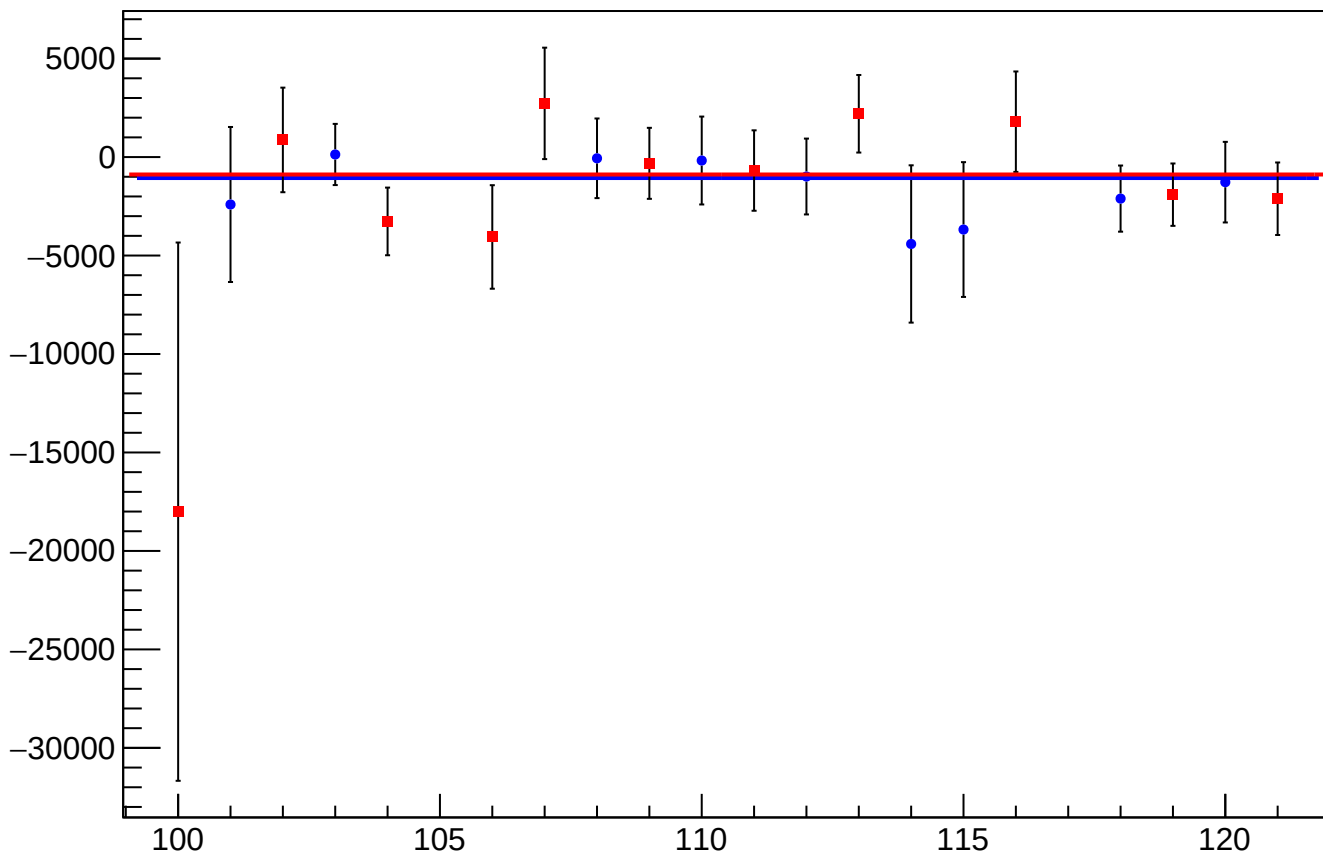
Right: 455.967+/-0.128 χ^2/NDF : 3582354.5/19

In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.967+/-0.128 χ^2/NDF : 3582354.5/19

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

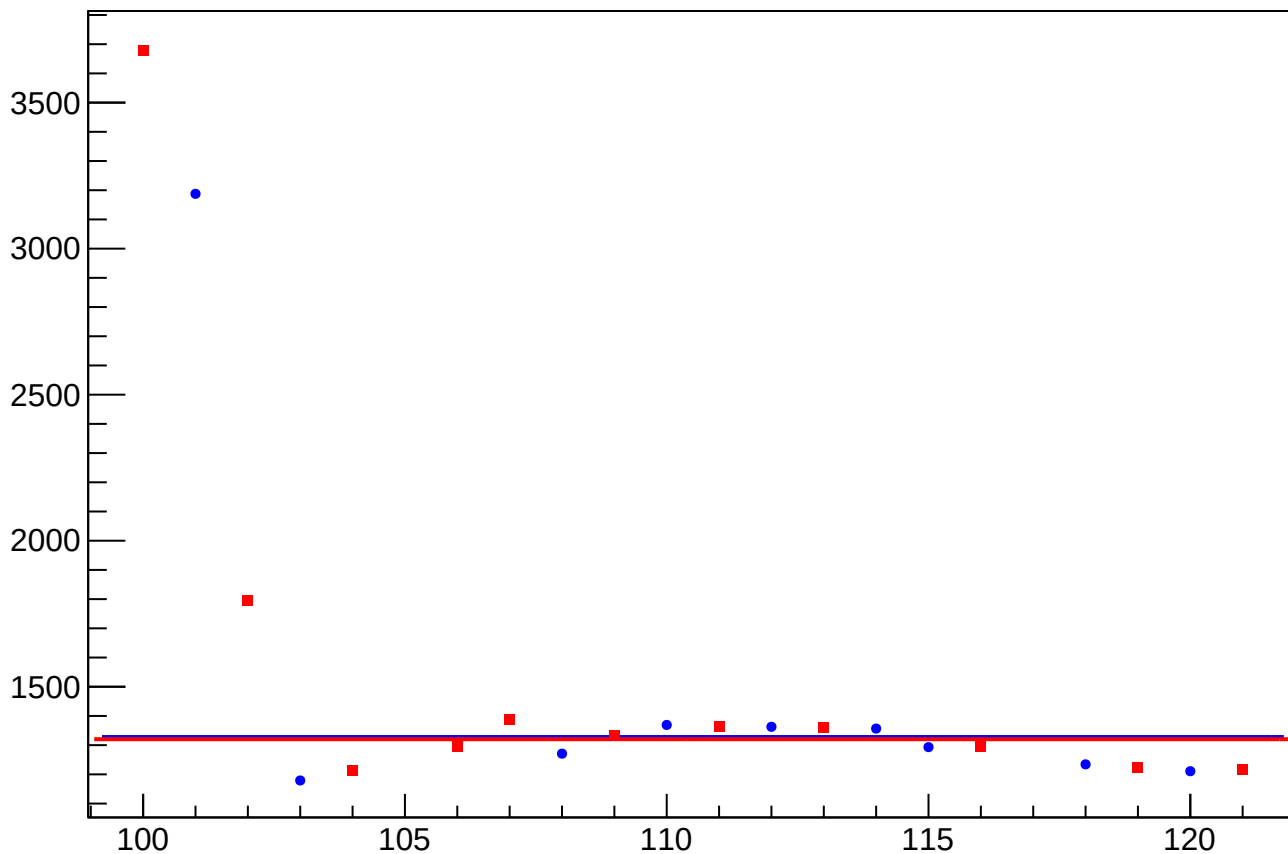
Right: -964.799+/-479.772 χ^2/NDF : 14.4/19

In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.799+/-479.772 χ^2/NDF : 14.4/19

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.409+/-0.456 χ^2/NDF : 148563.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

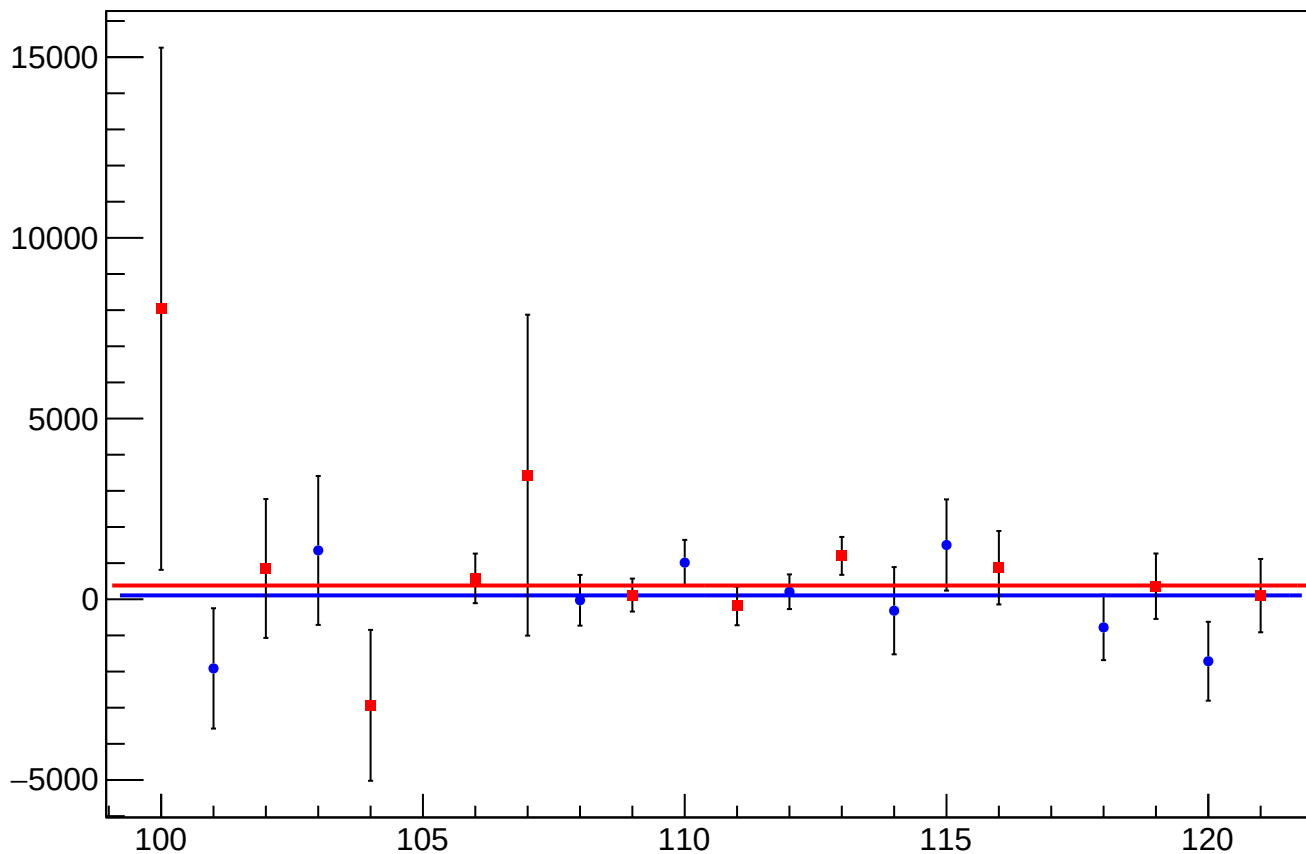
Right: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.699+/-0.339 χ^2/NDF : 629530.8/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.098+/-278.691 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.029+/-237.056 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

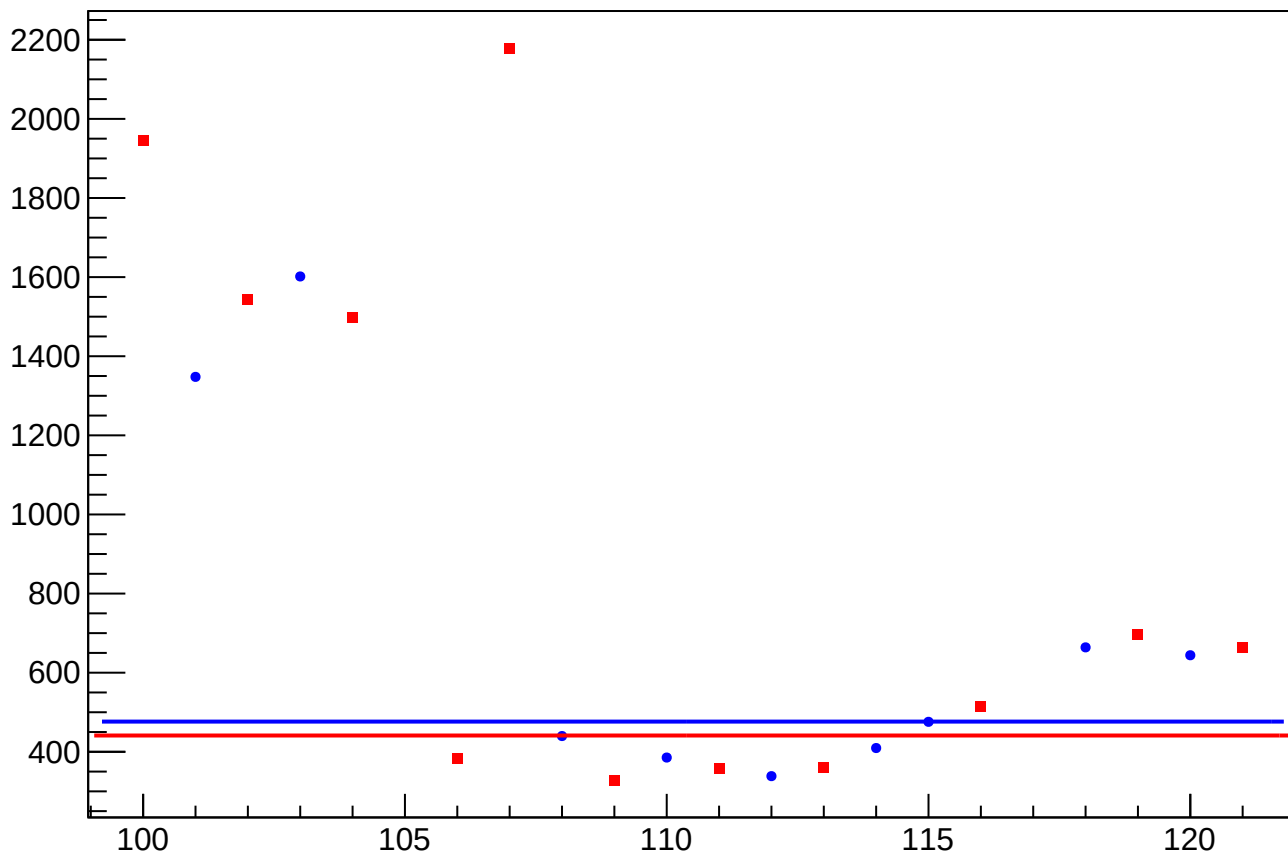
Right: 266.034+/-180.568 χ^2/NDF : 18.1/19

In: 107.098+/-278.691 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.034+/-180.568 χ^2/NDF : 18.1/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.198+/-0.168 χ^2/NDF : 2067411.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

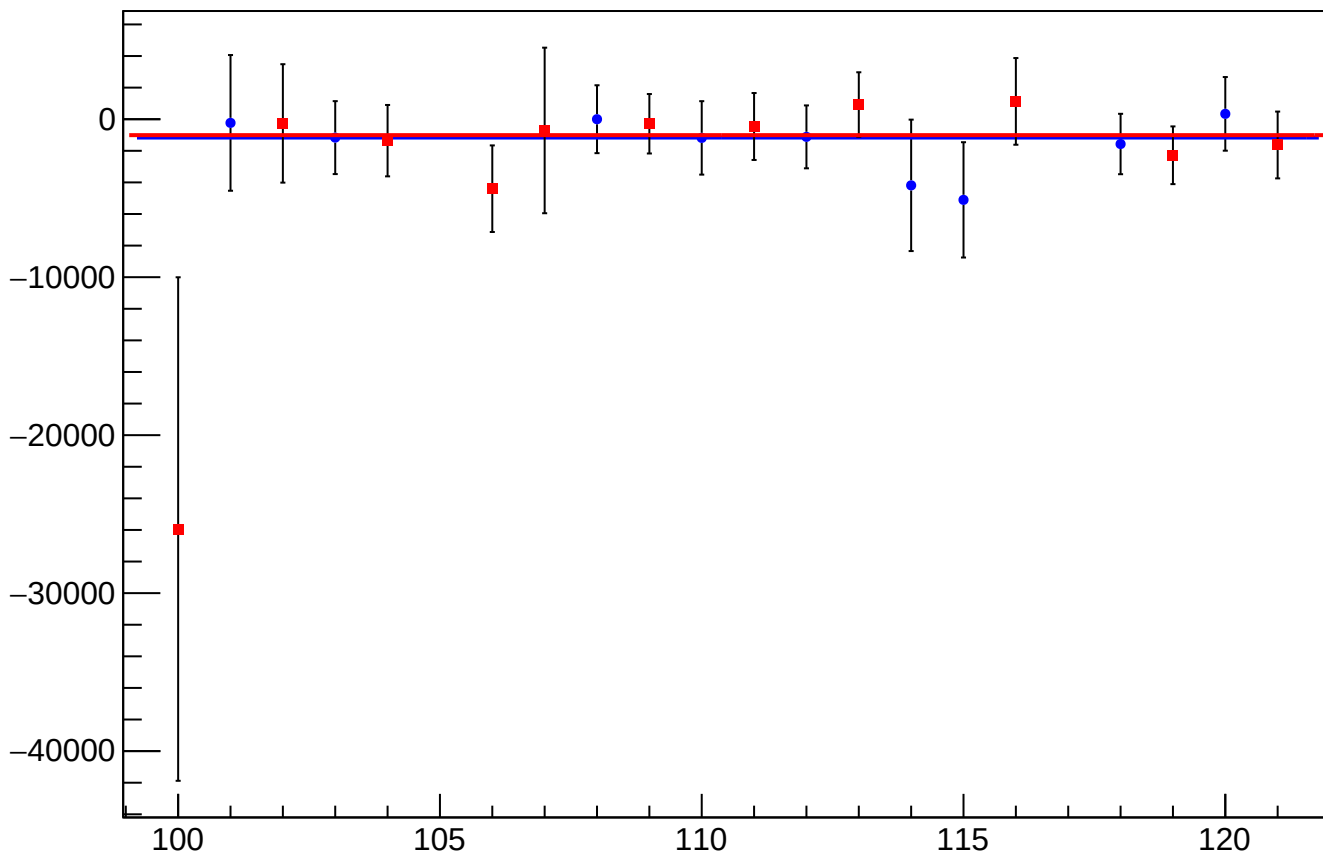
Right: 455.965+/-0.128 χ^2/NDF : 3582369.7/19

In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.965+/-0.128 χ^2/NDF : 3582369.7/19

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1008.451+/-736.822 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

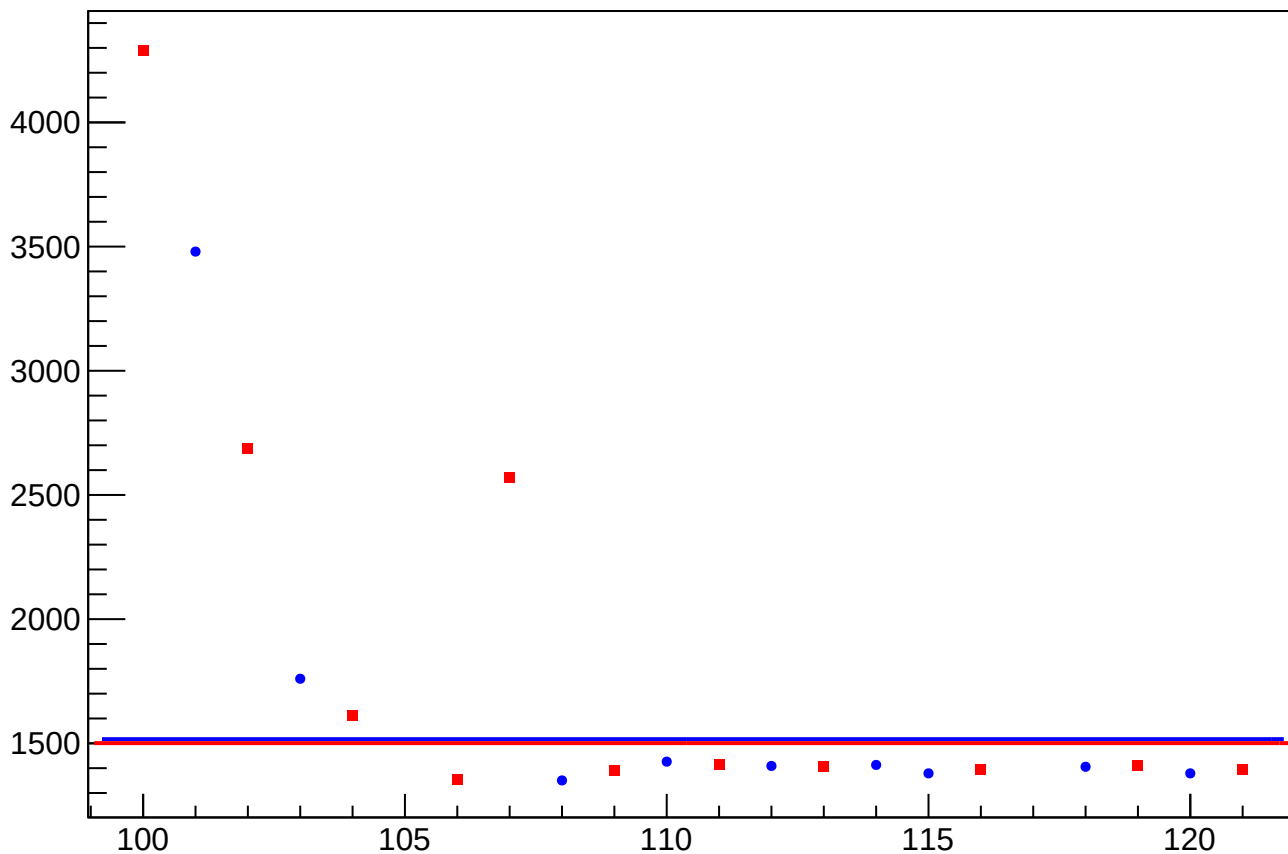
Right: -1076.202+/-548.152 χ^2/NDF : 8.9/19

In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1076.202+/-548.152 χ^2/NDF : 8.9/19

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.785+/-0.521 χ^2/NDF : 382080.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

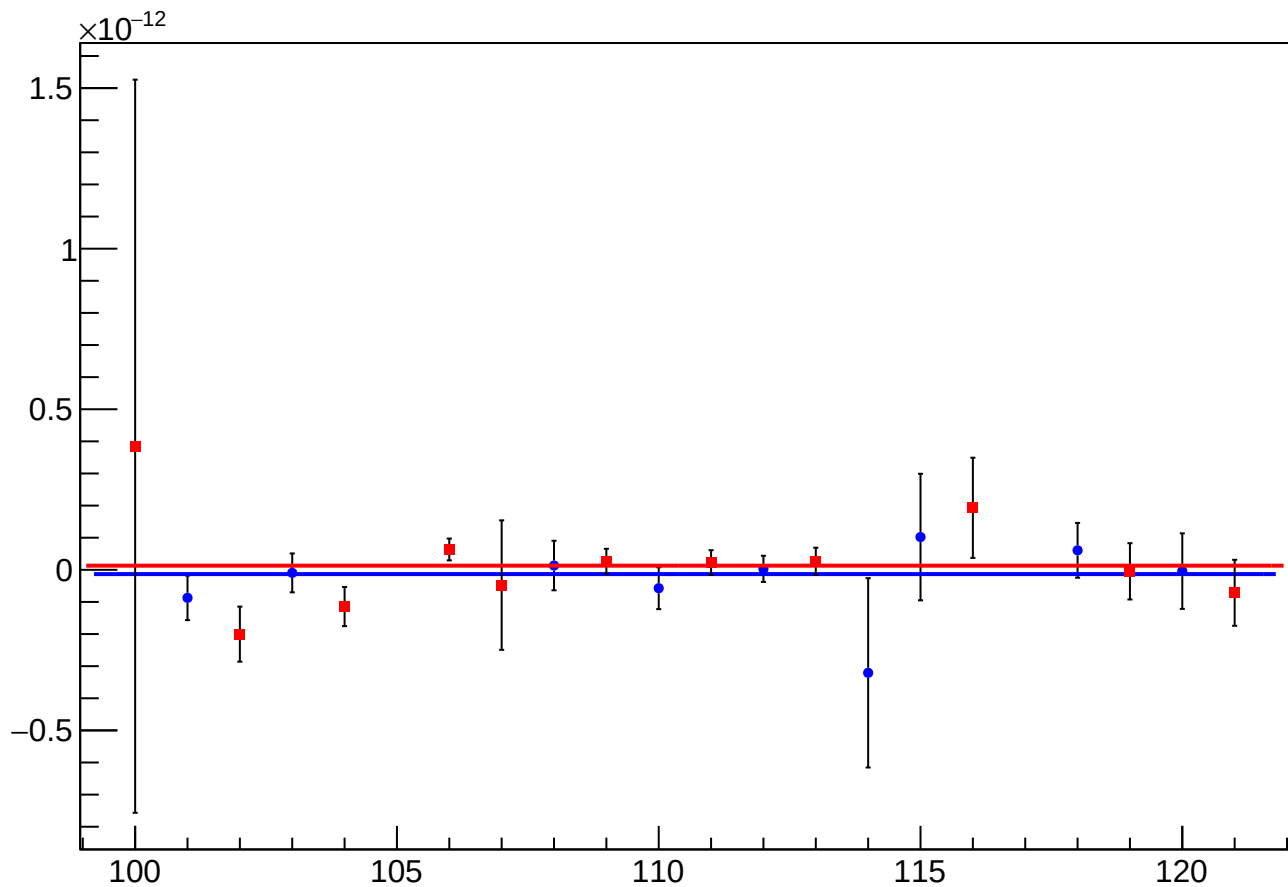
Right: 1507.923+/-0.388 χ^2/NDF : 861095.2/19

In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.923+/-0.388 χ^2/NDF : 861095.2/19

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

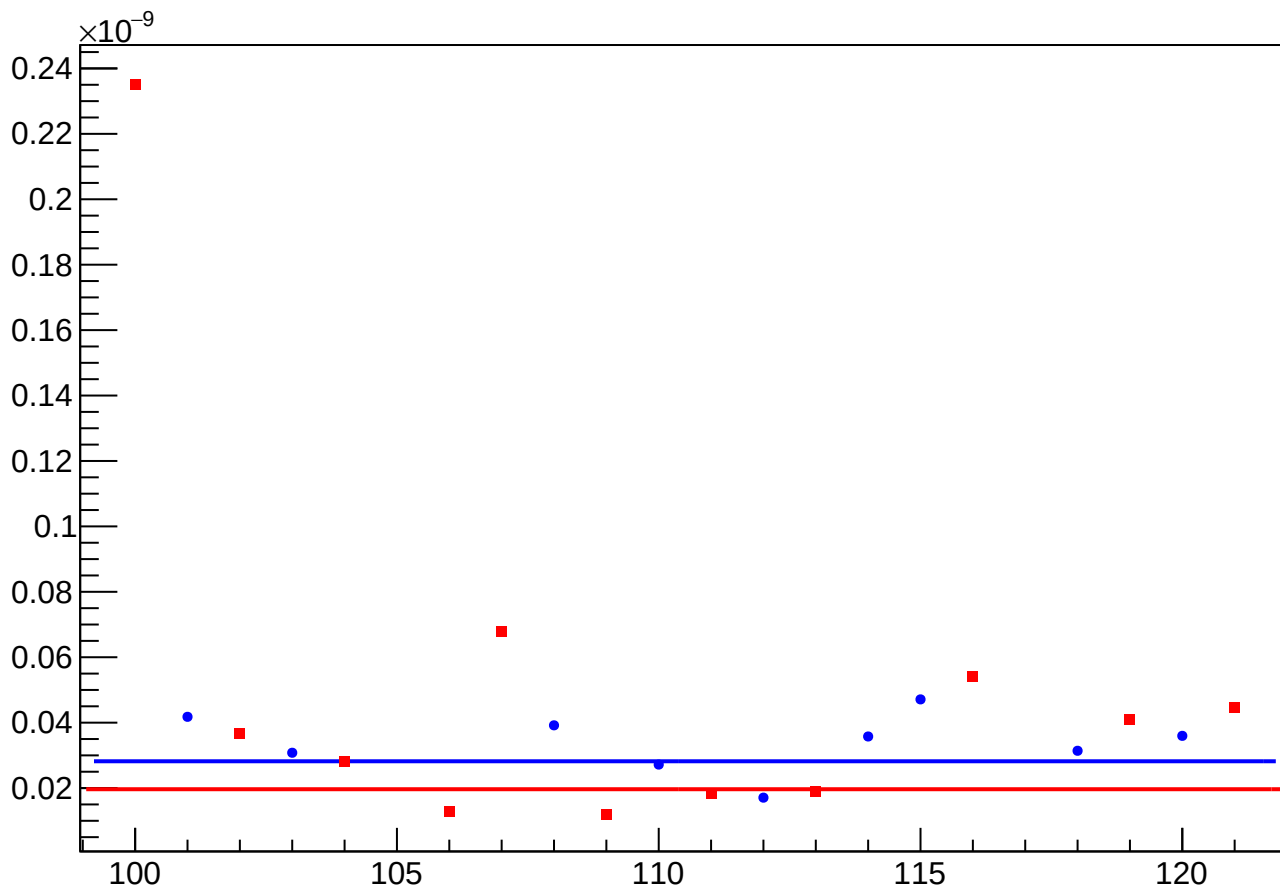
Right: 0.000+/-0.000 χ^2/NDF : 20.2/19

In: -0.000+/-0.000 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.2/19

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 803887.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

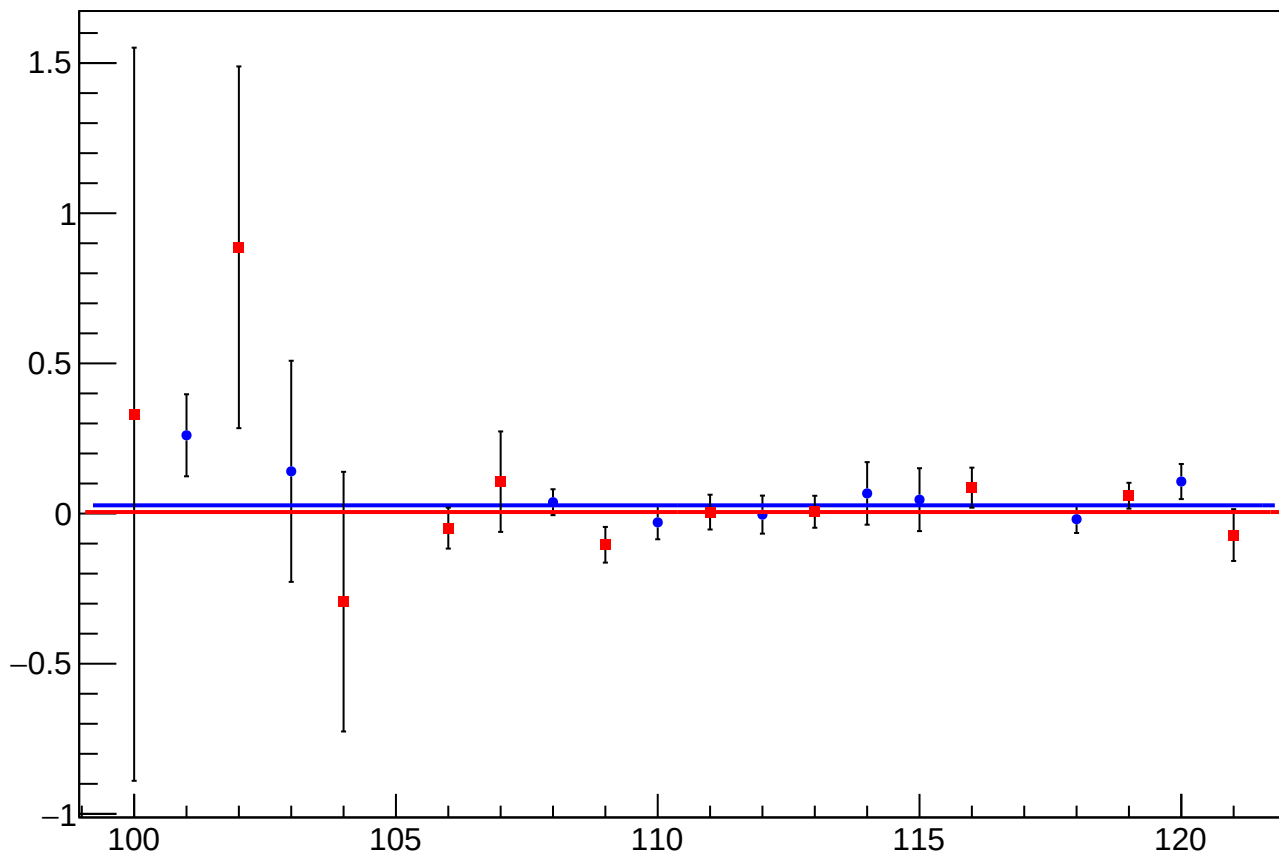
Right: 0.000+/-0.000 χ^2/NDF : 1274721.7/19

In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1274721.7/19

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

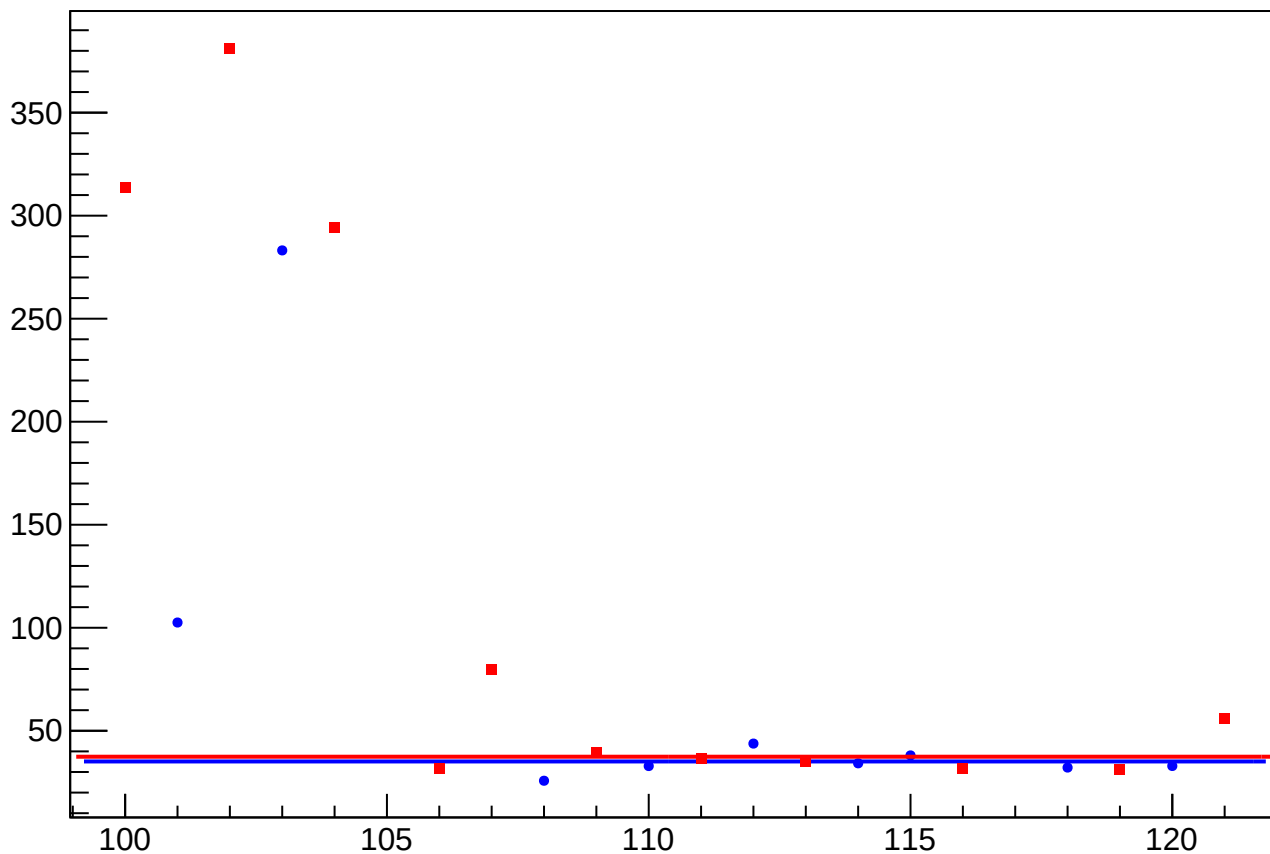
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

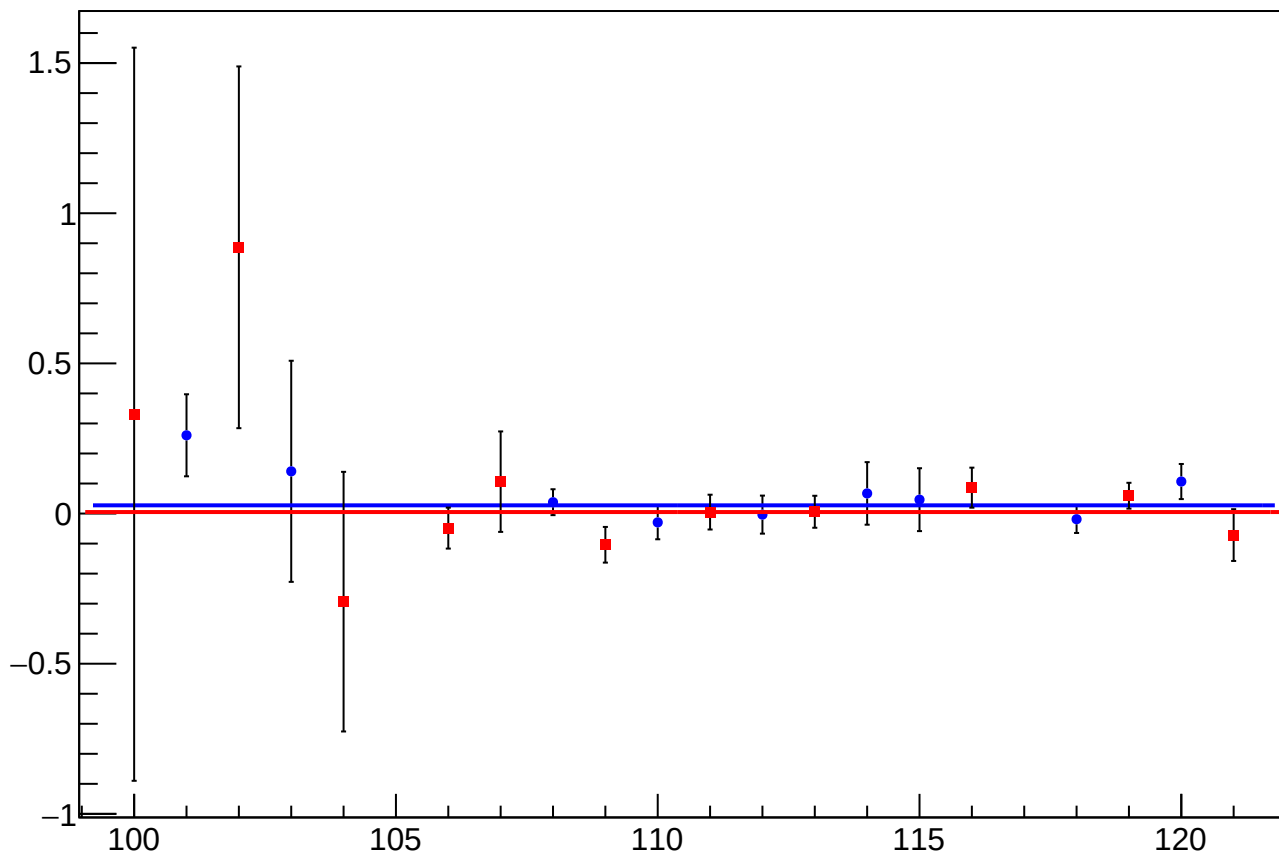
Right: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

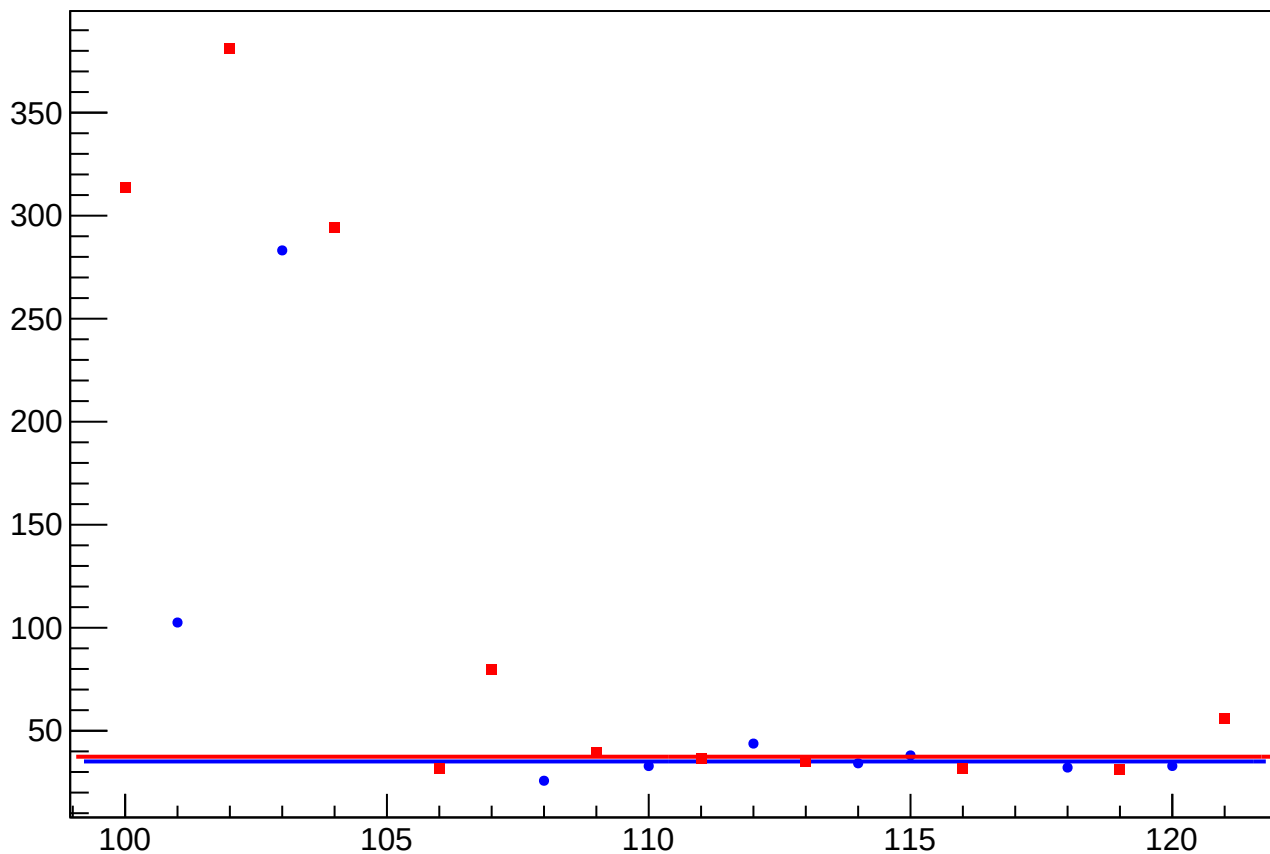
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

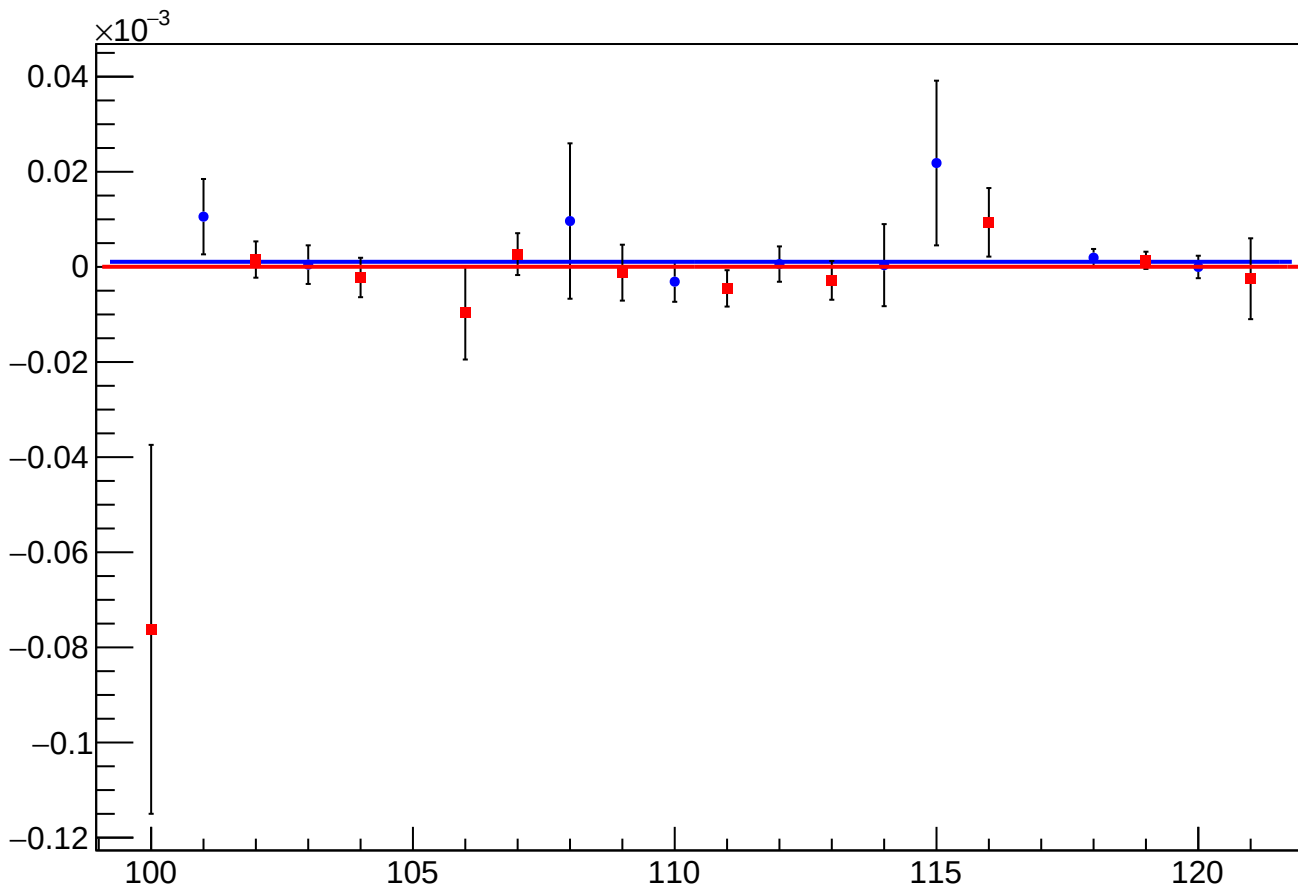
Right: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.259+/-0.011 χ^2/NDF : 3311029.1/19

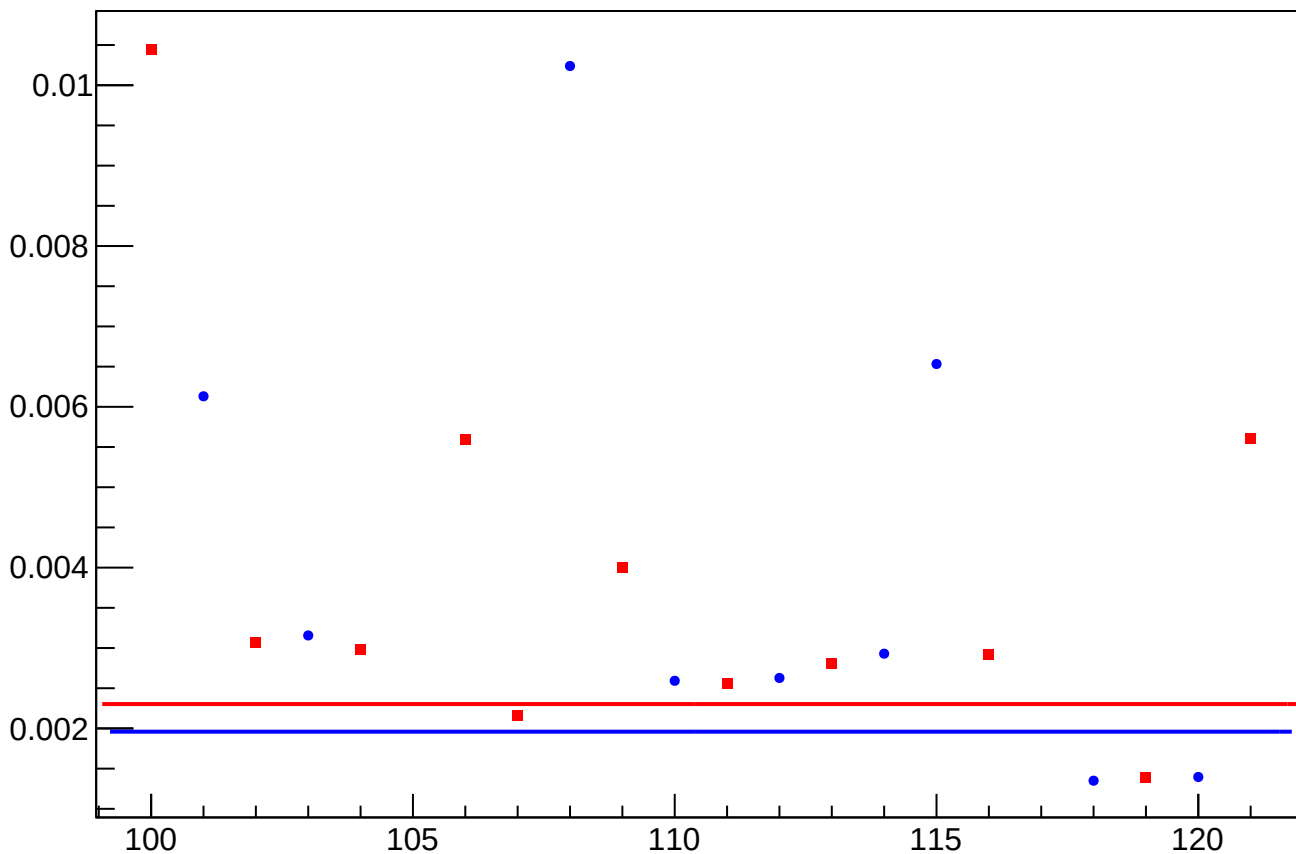
asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/19
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.6/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/19

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 : 1850614.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1480434.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

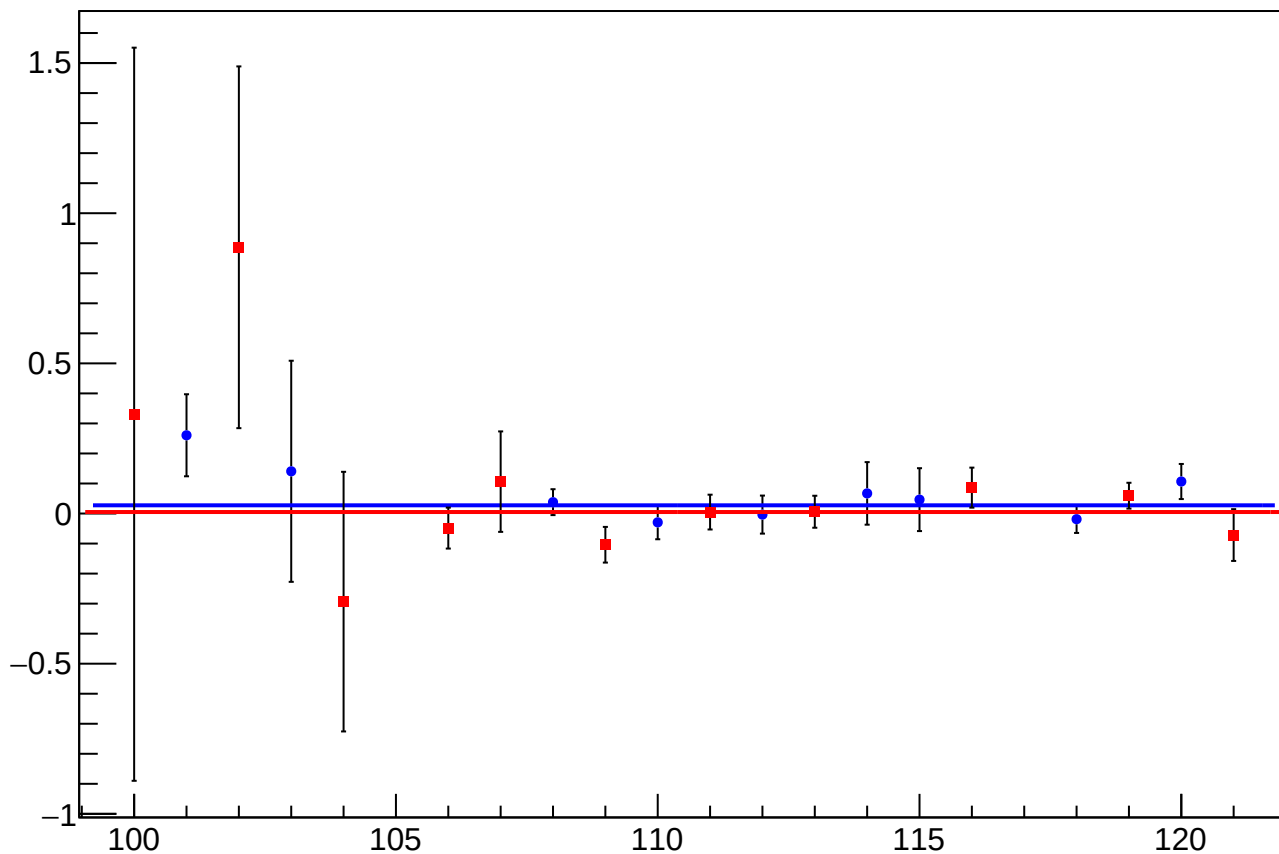
Right: 0.002+/-0.000 χ^2/NDF : 3412869.1/19

In: 0.002+/-0.000 χ^2/NDF : 1850614.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3412869.1/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

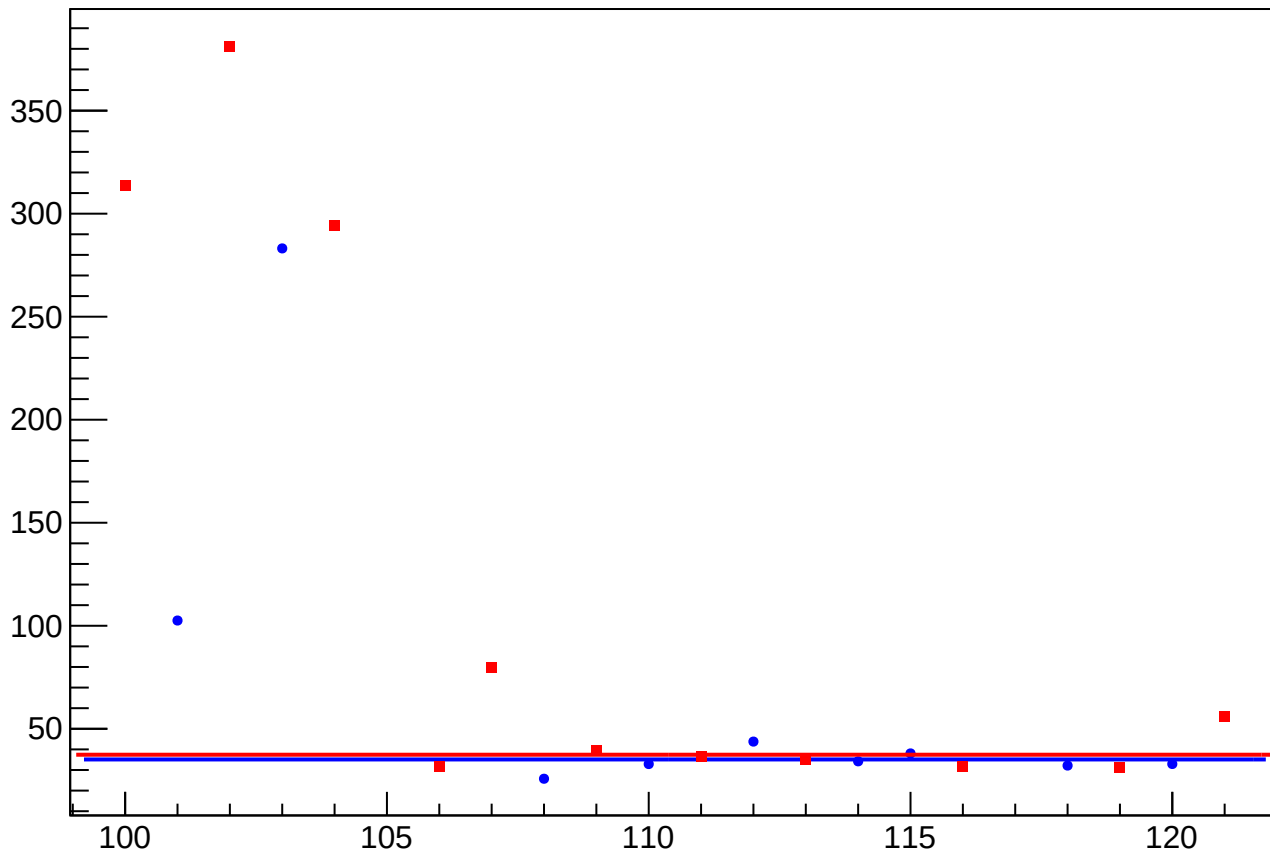
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

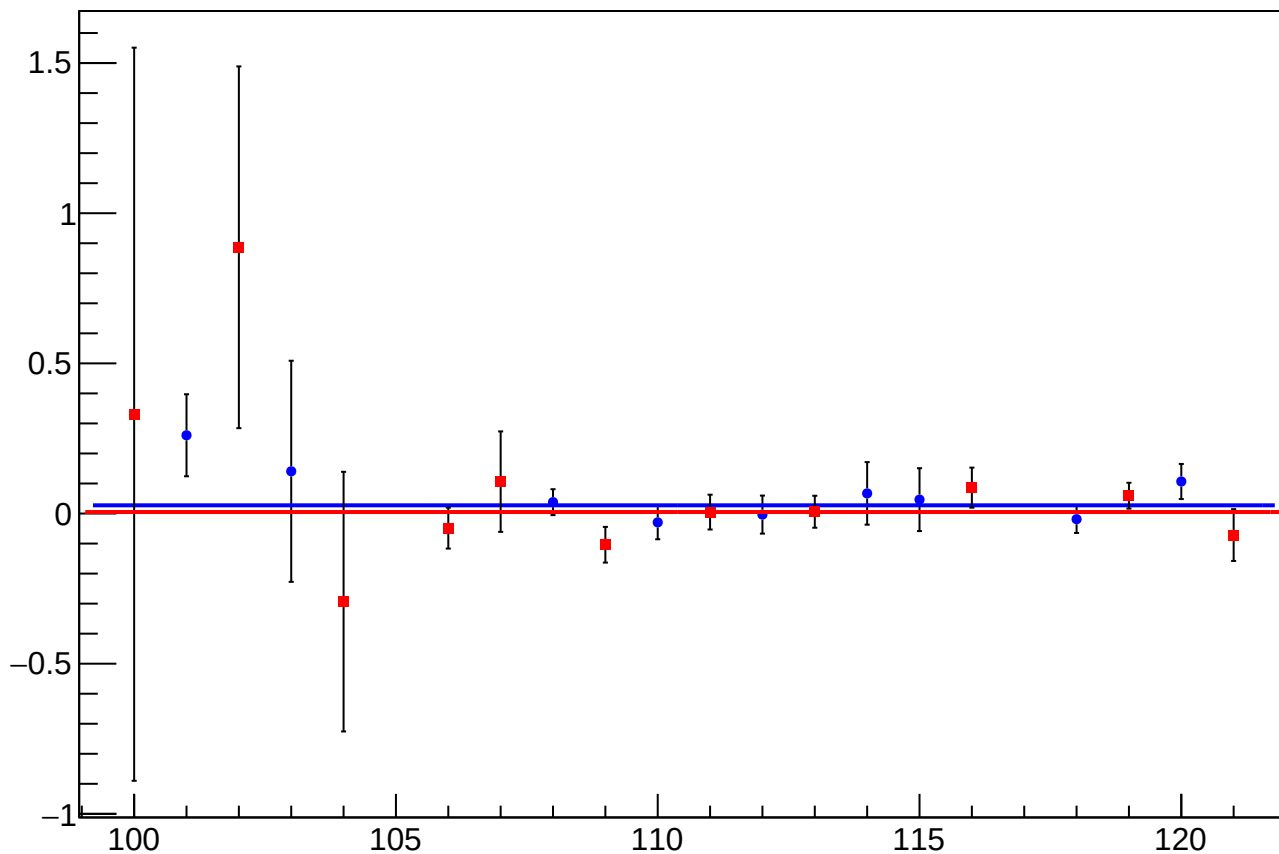
Right: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

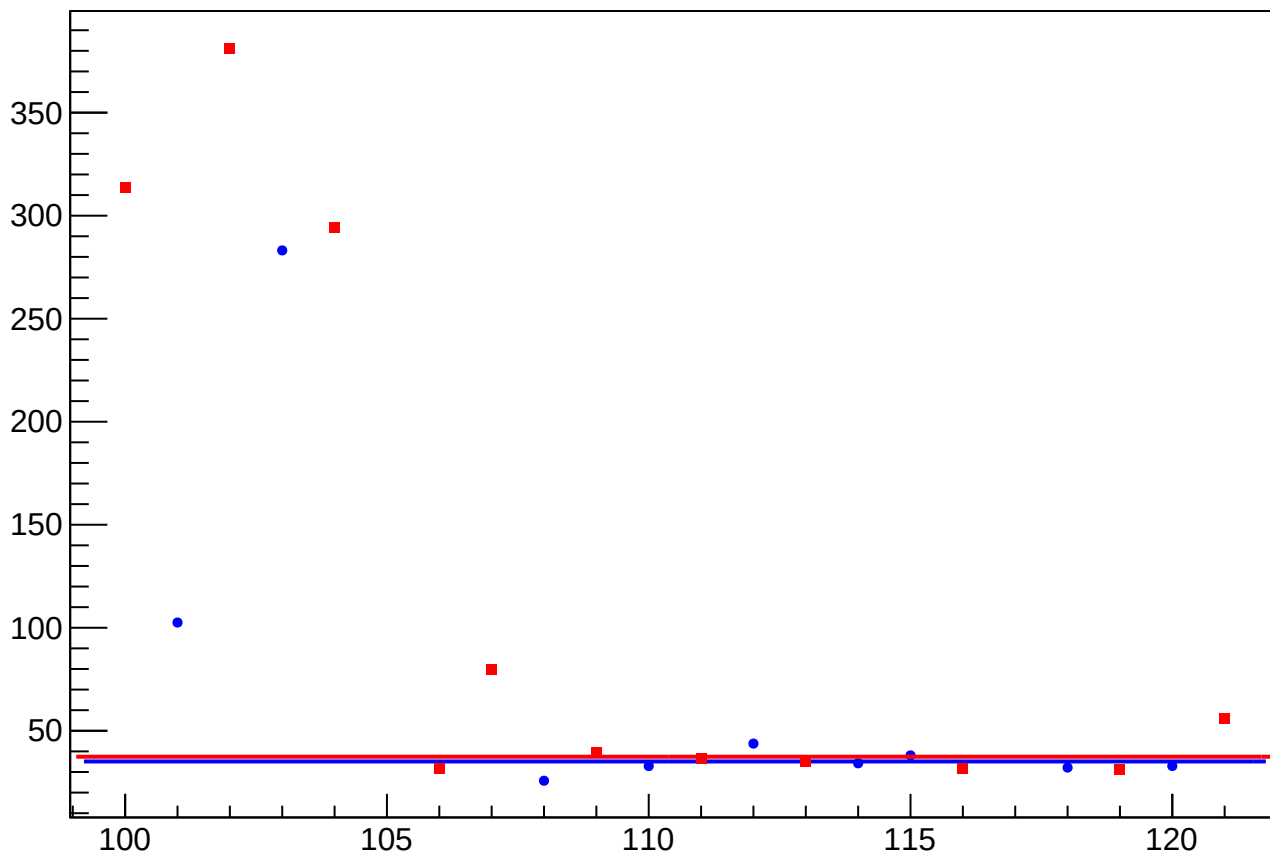
Right: 0.016+/-0.015 χ^2/NDF : 18.8/19

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 18.8/19

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

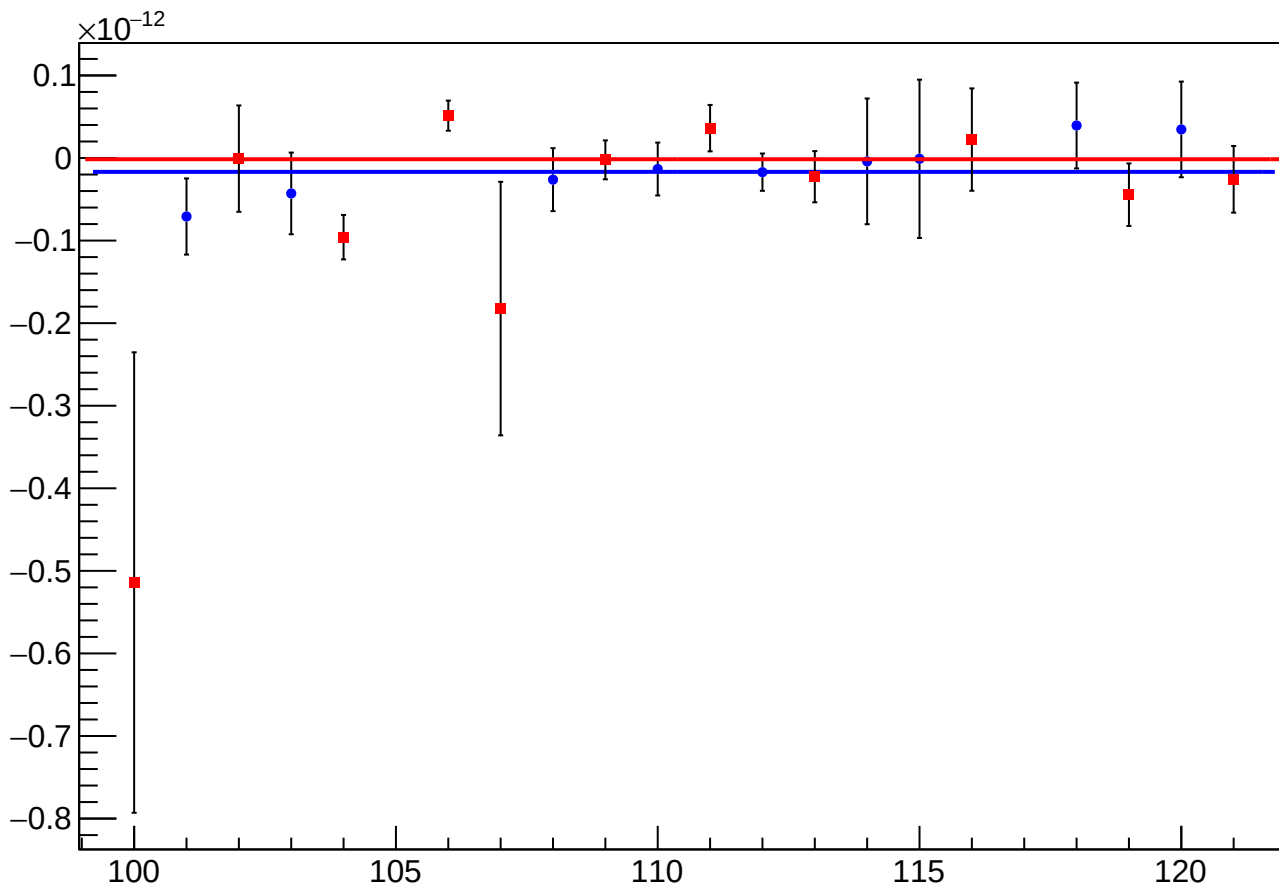
Right: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.260+/-0.011 χ^2/NDF : 3310955.2/19

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 : 3.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 29.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

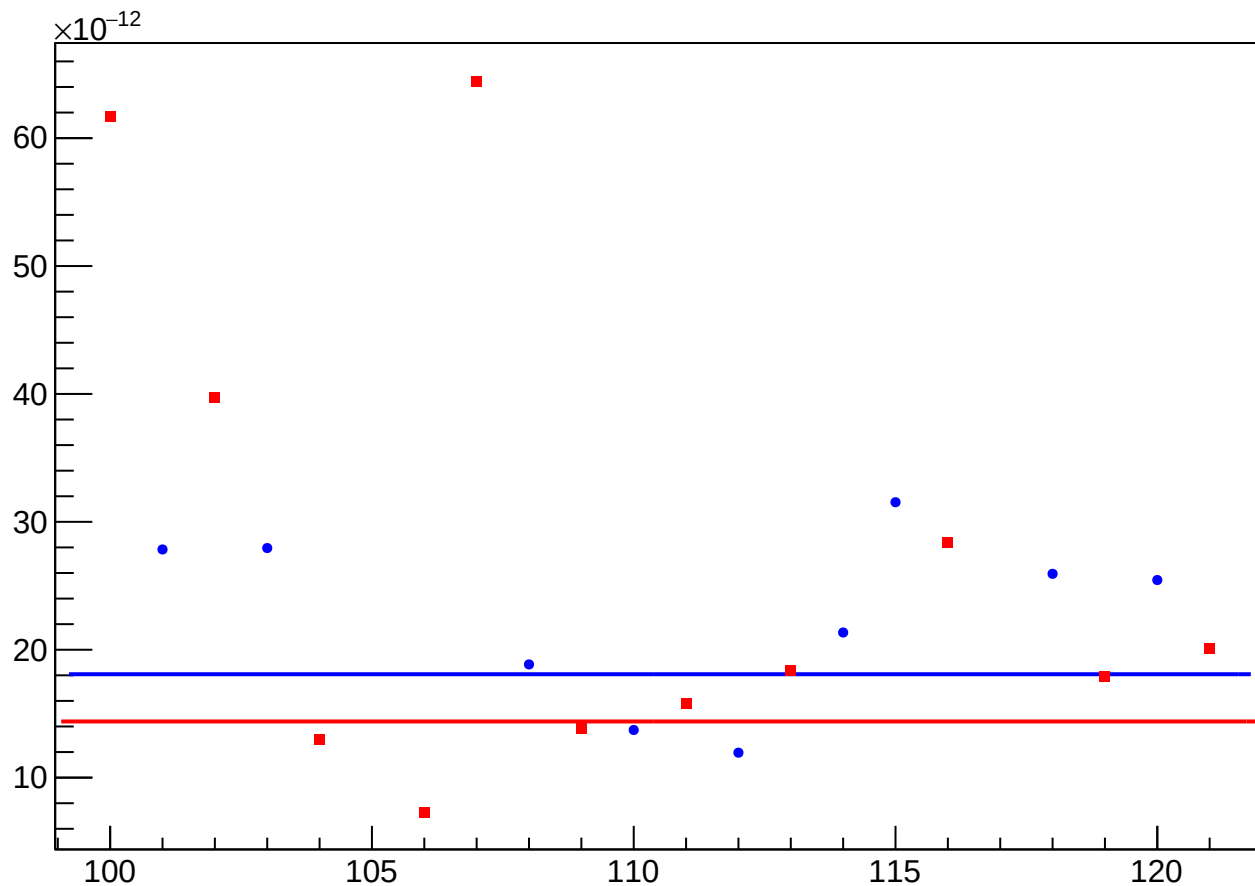
Right: -0.000 ± 0.000 χ^2/NDF : 34.1/19

In: -0.000 ± 0.000 χ^2/NDF : 3.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.1/19

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 : 475450.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1089962.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

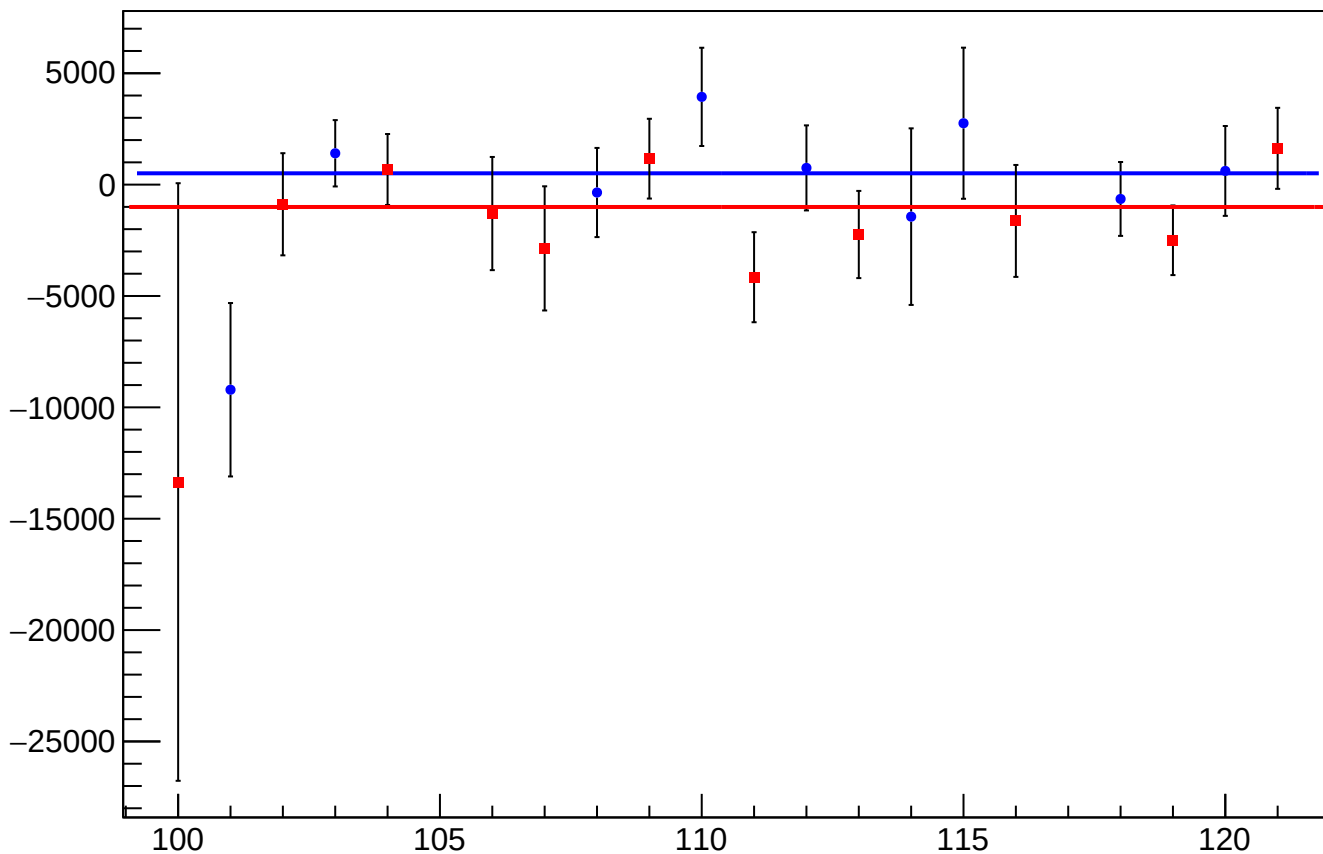
Right: 0.000+/-0.000 χ^2/NDF : 1662868.0/19

In: 0.000+/-0.000 χ^2/NDF : 475450.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1662868.0/19

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 508.145+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1003.835+/-624.921 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

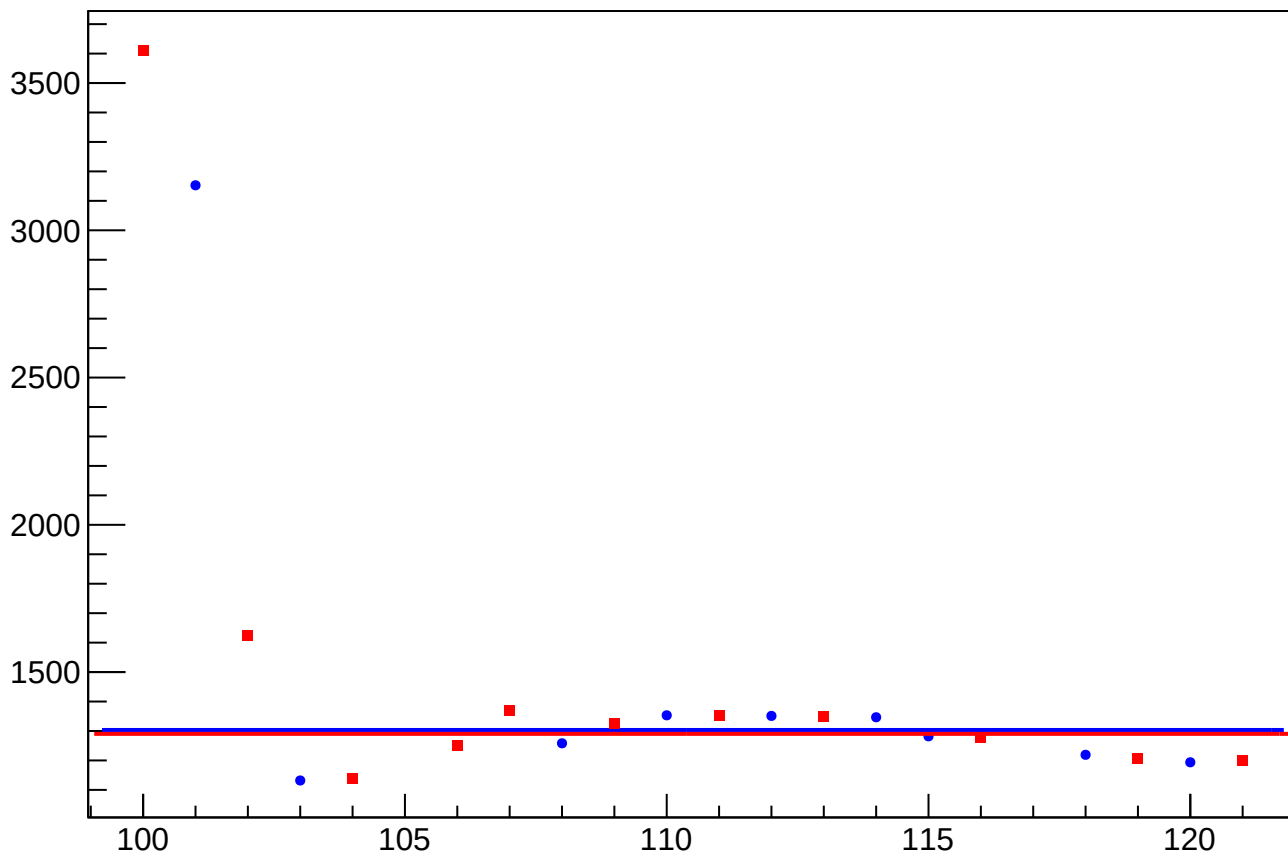
Right: -339.678+/-467.955 χ^2/NDF : 22.7/19

In: 508.145+/-706.061 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -339.678+/-467.955 χ^2/NDF : 22.7/19

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1290.234+/-0.442 χ^2/NDF : 137036.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

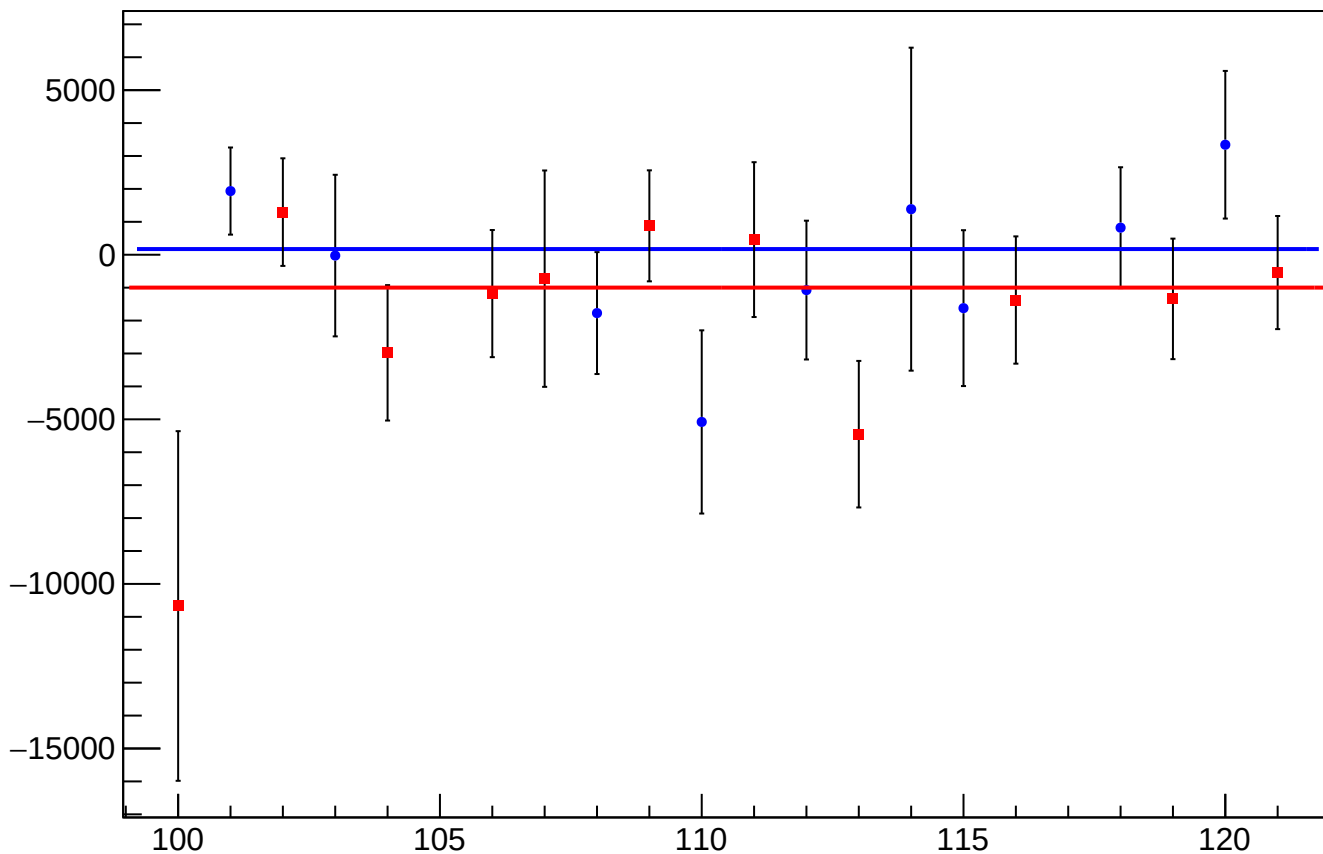
Right: 1296.039+/-0.331 χ^2/NDF : 630001.1/19

In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.039+/-0.331 χ^2/NDF : 630001.1/19

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 172.547 $\pm$ 690.372 χ^2 /NDF: 9.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -998.415 $\pm$ 614.768 χ^2 /NDF: 12.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

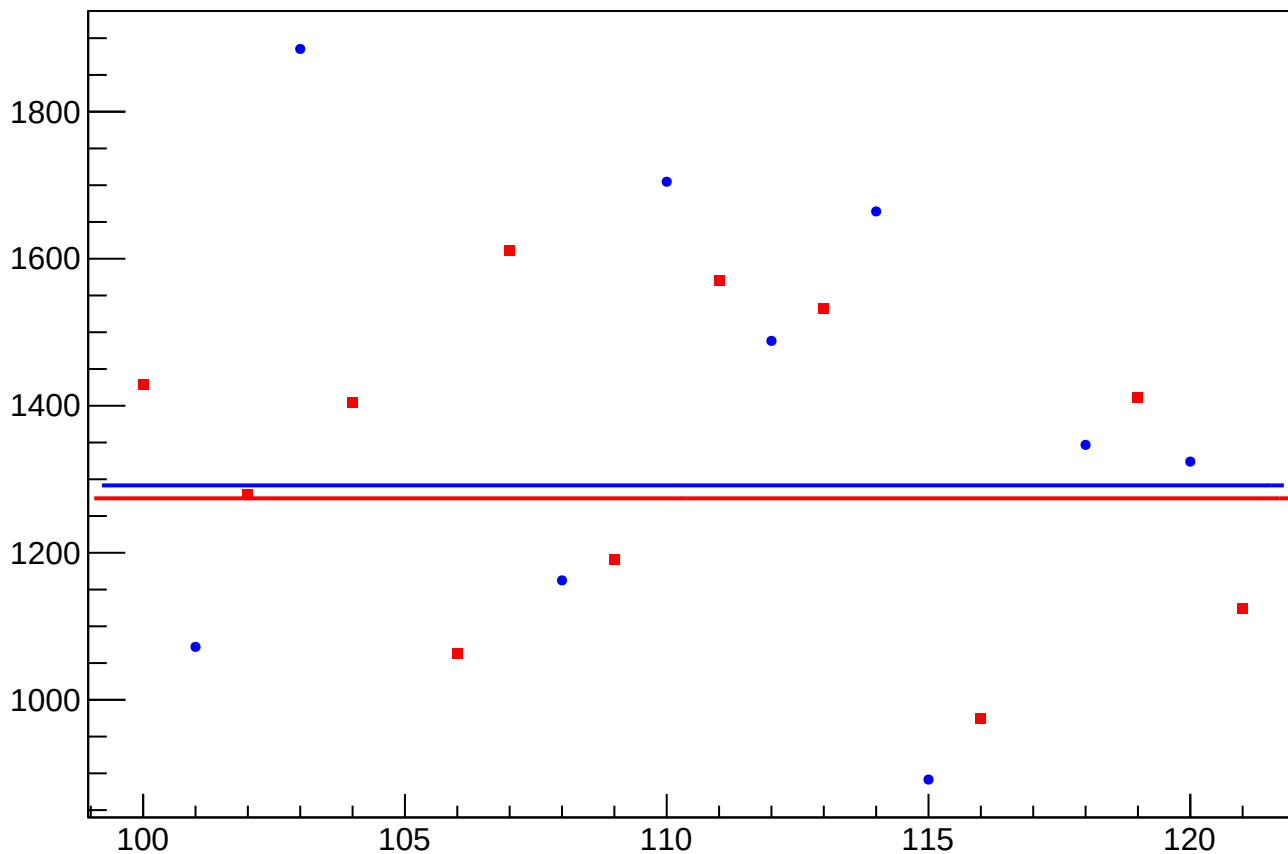
Right: -480.538 $\pm$ 459.119 χ^2 /NDF: 23.2/19

In: 172.547 $\pm$ 690.372 χ^2 /NDF:9.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -480.538 $\pm$ 459.119 χ^2 /NDF: 23.2/19

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.073+/-0.435 χ^2/NDF : 192449.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

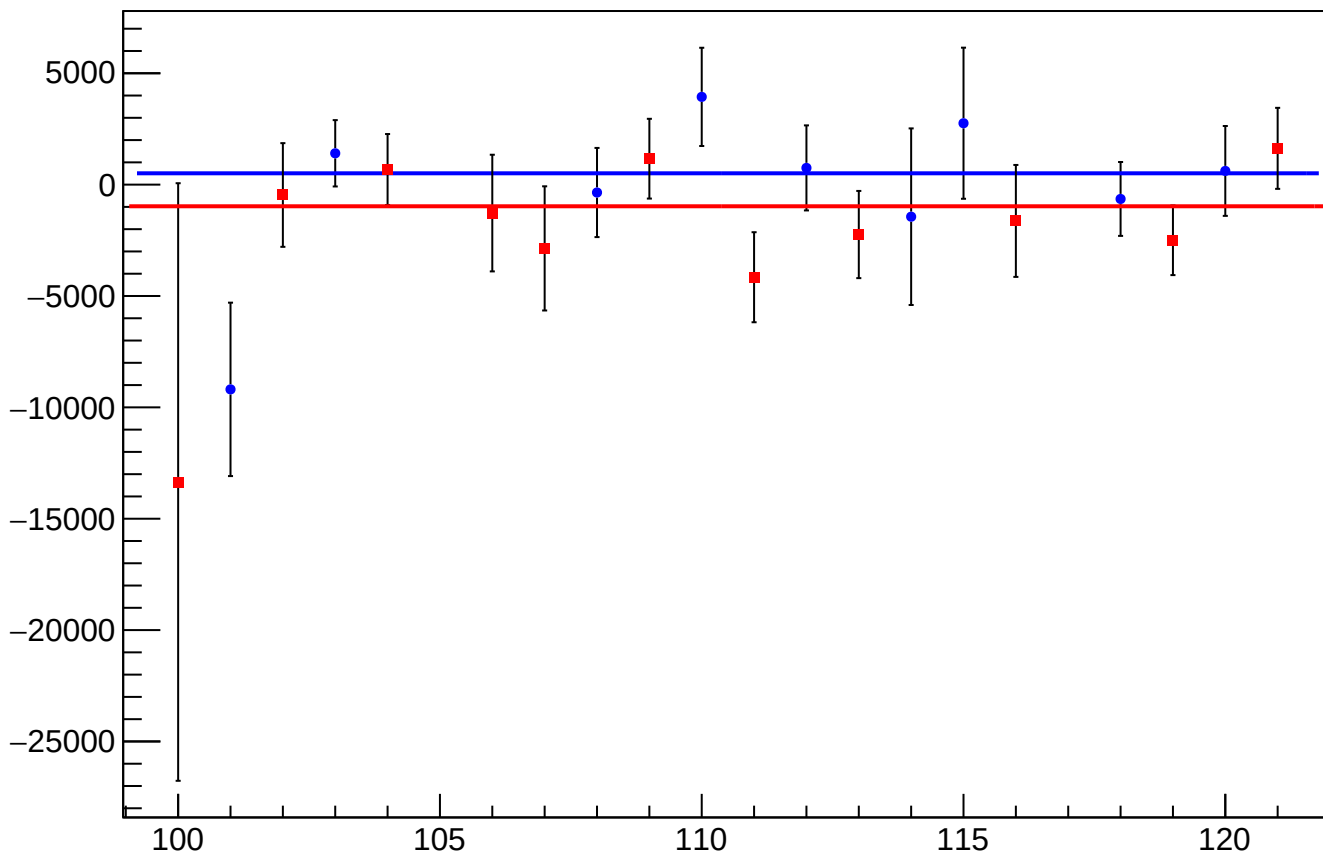
Right: 1281.847+/-0.325 χ^2/NDF : 507322.5/19

In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.847+/-0.325 χ^2/NDF : 507322.5/19

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -971.807+/-626.721 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

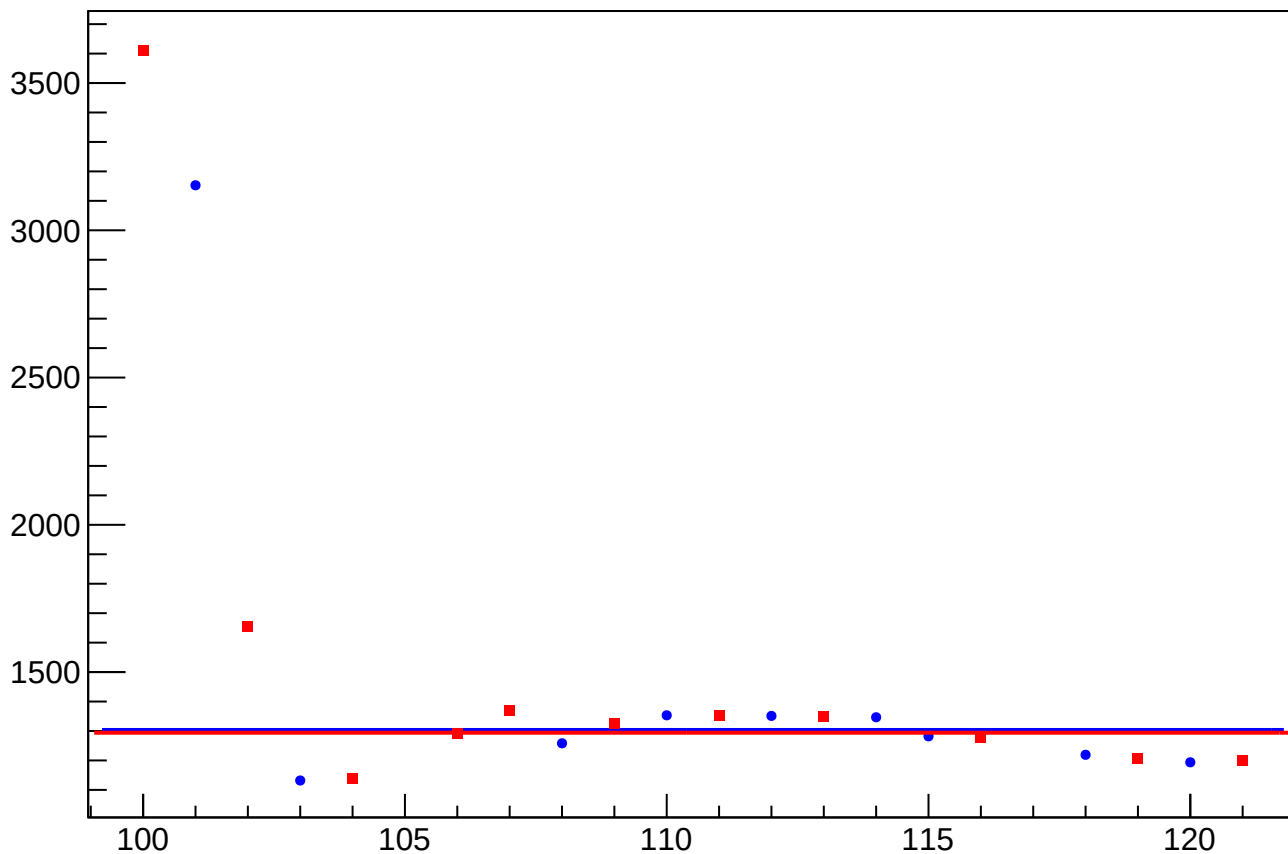
Right: -319.361+/-468.710 χ^2/NDF : 22.7/19

In: 508.733+/-706.061 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -319.361+/-468.710 χ^2/NDF : 22.7/19

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

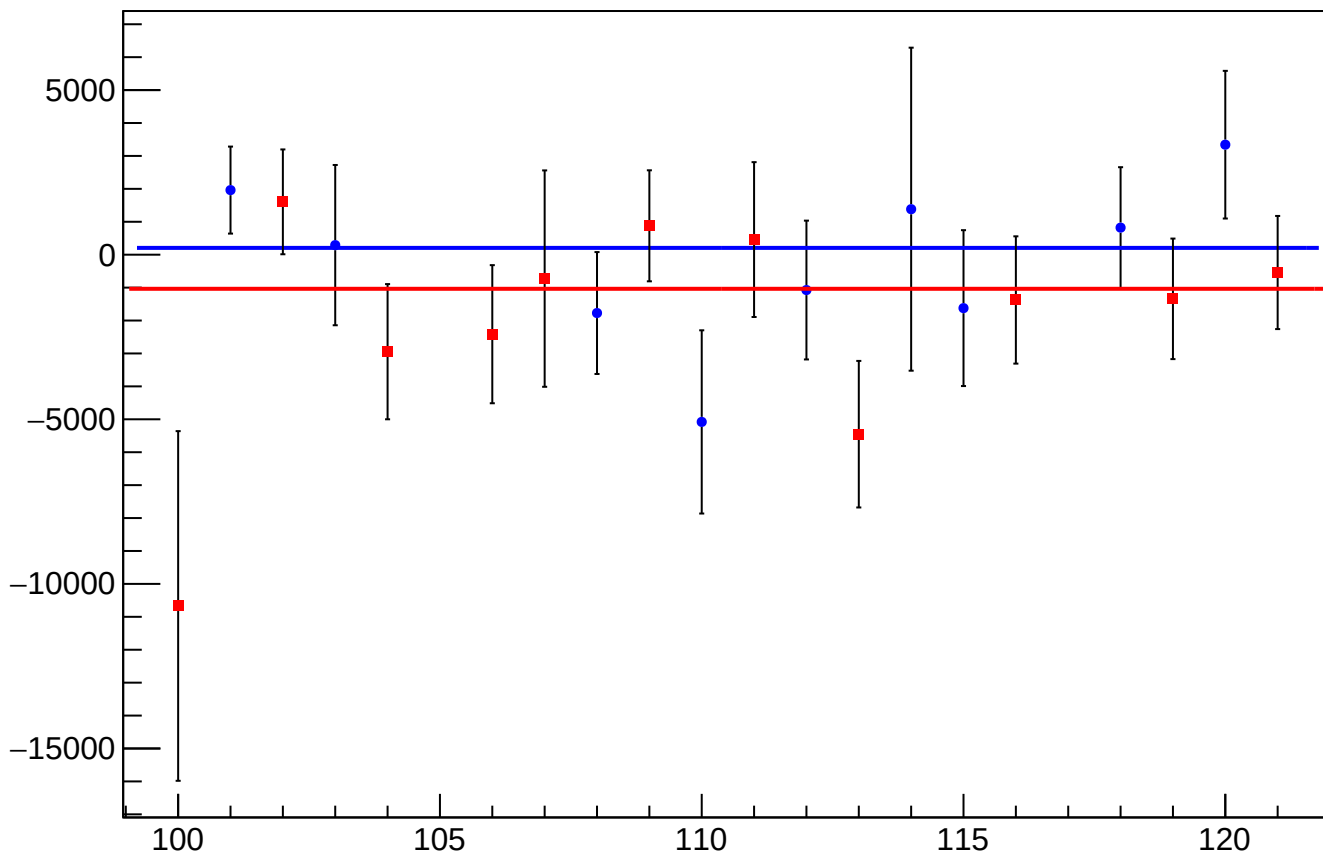
Right: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1035.991+/-617.100 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

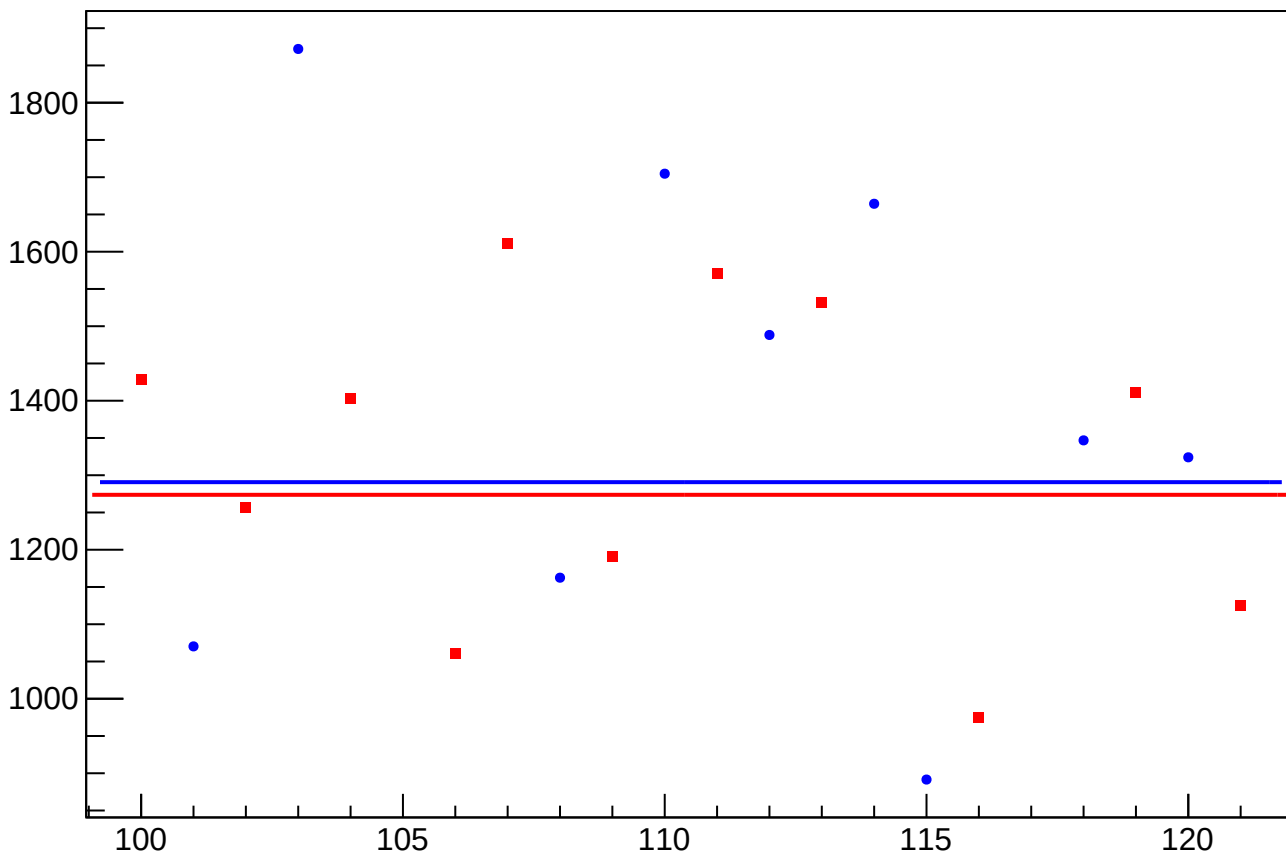
Right: -483.411+/-459.865 χ^2/NDF : 24.5/19

In: 206.676+/-689.621 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -483.411+/-459.865 χ^2/NDF : 24.5/19

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

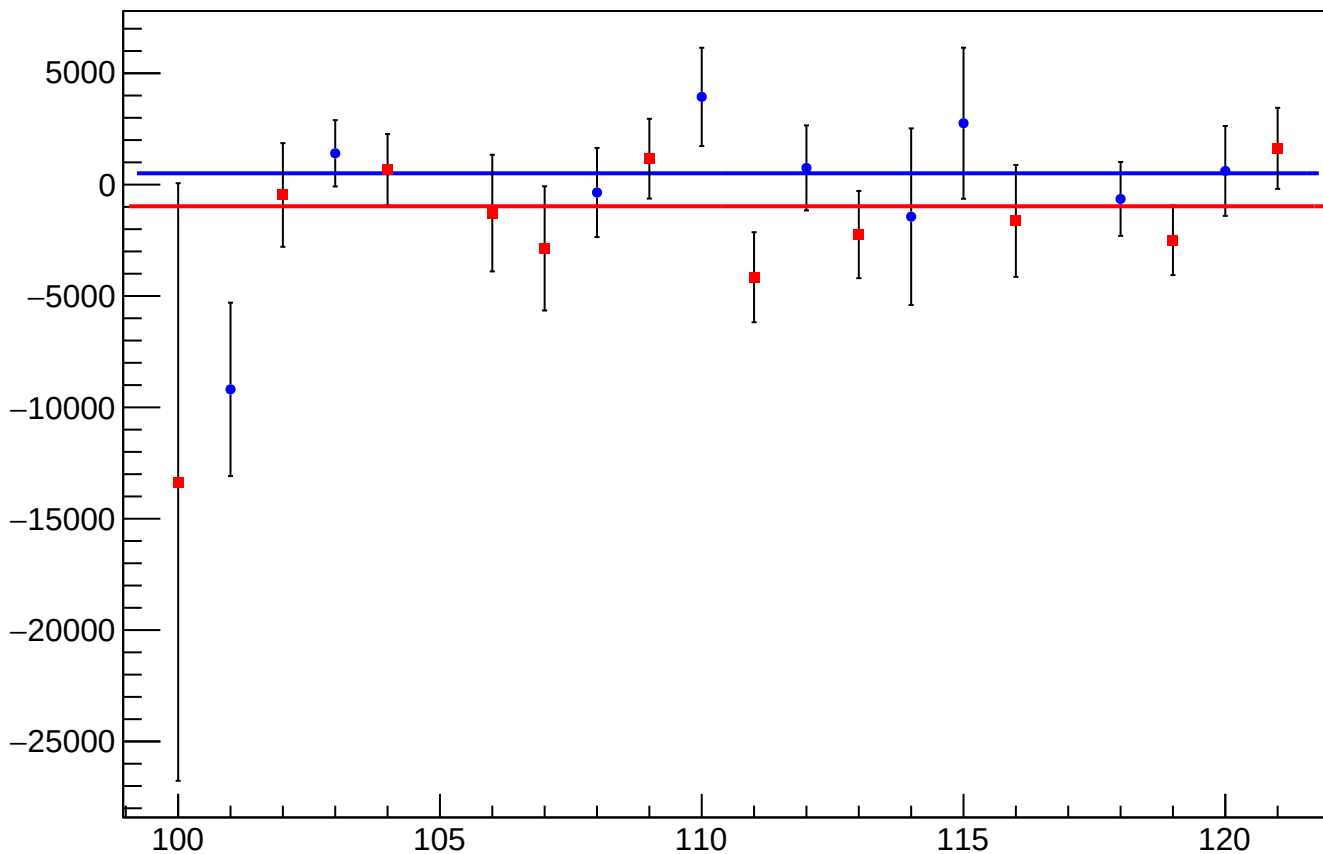
Right: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

In: 1290.697+/-0.488 χ^2/NDF :311931.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -971.807+/-626.721 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

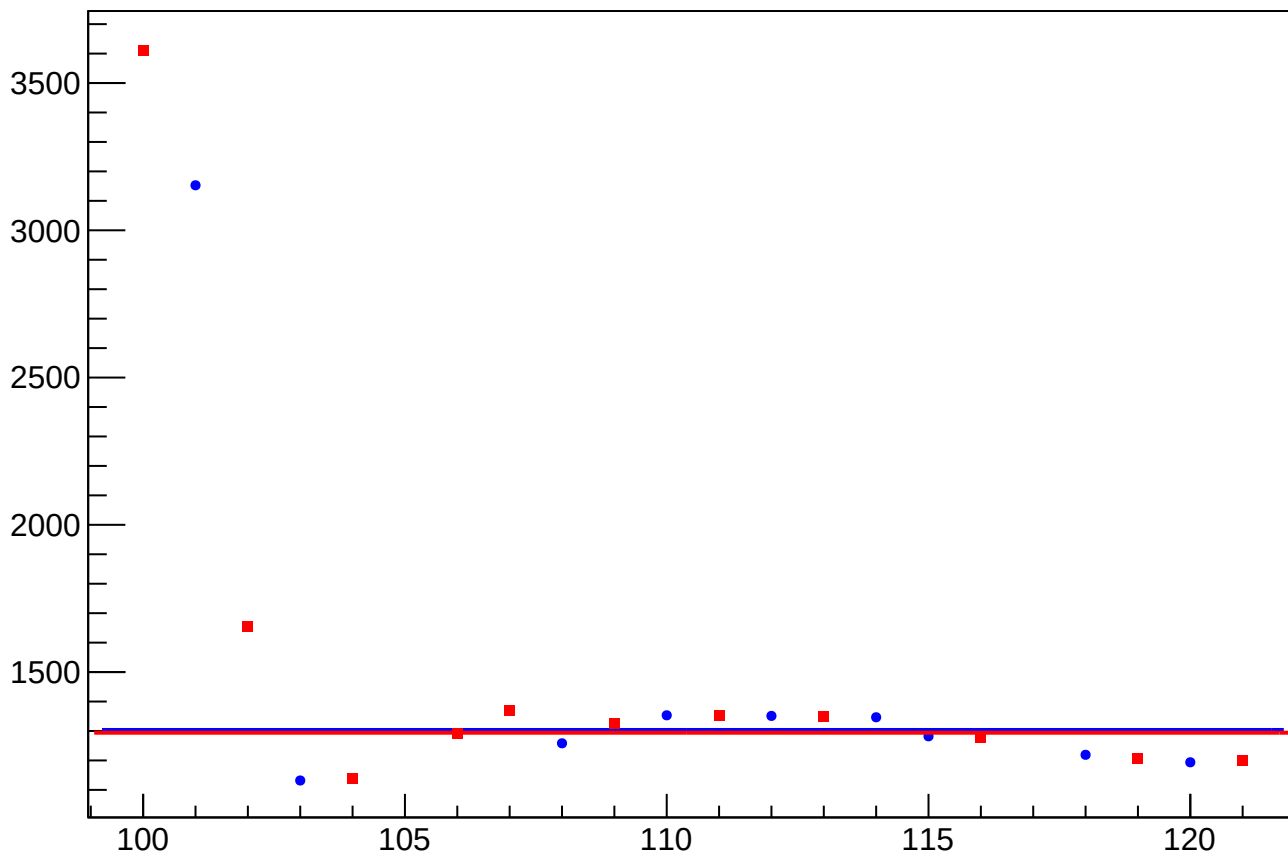
Right: -319.361+/-468.710 χ^2/NDF : 22.7/19

In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -319.361+/-468.710 χ^2/NDF : 22.7/19

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

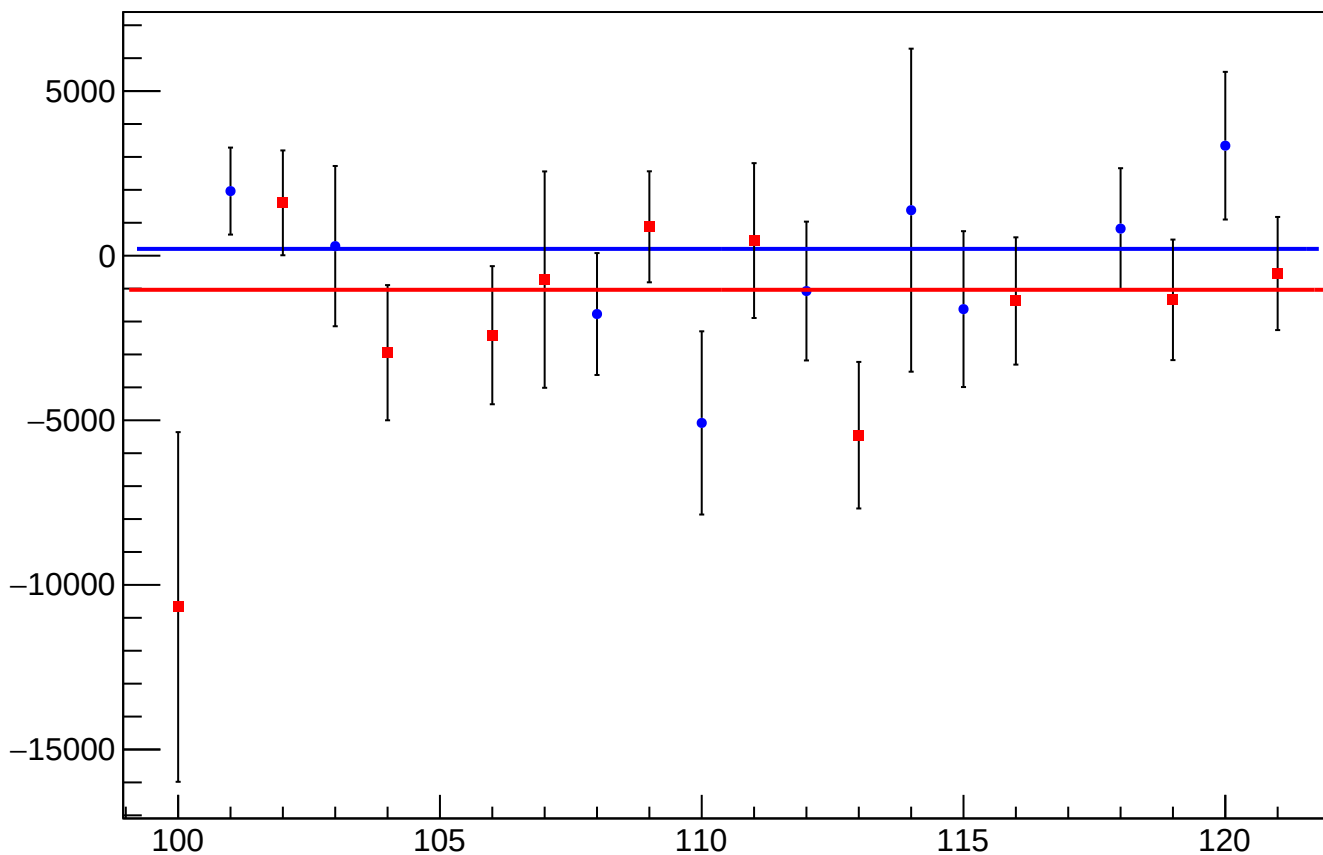
Right: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.253+/-0.331 χ^2/NDF : 636113.3/19

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1035.991+/-617.100 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

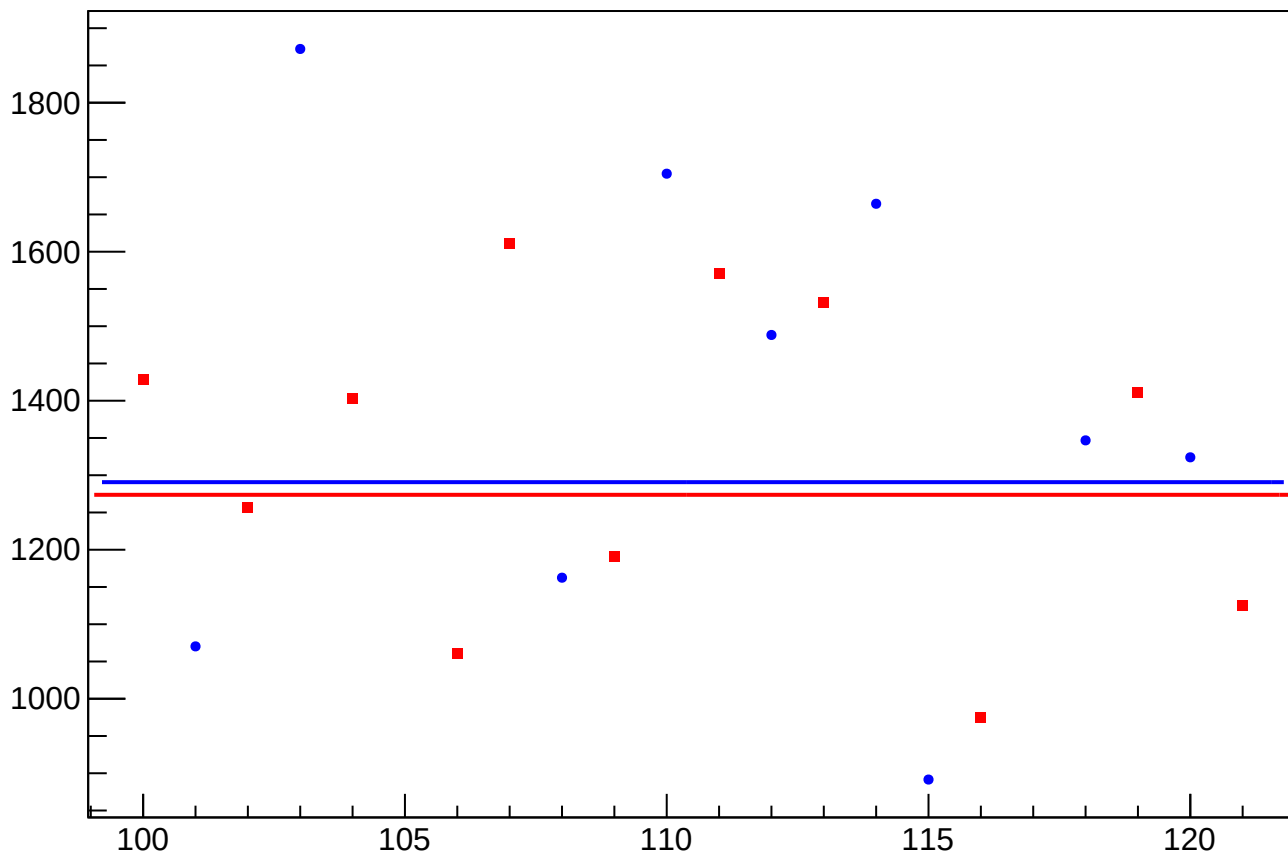
Right: -483.411+/-459.865 χ^2/NDF : 24.5/19

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.411+/-459.865 χ^2/NDF : 24.5/19

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

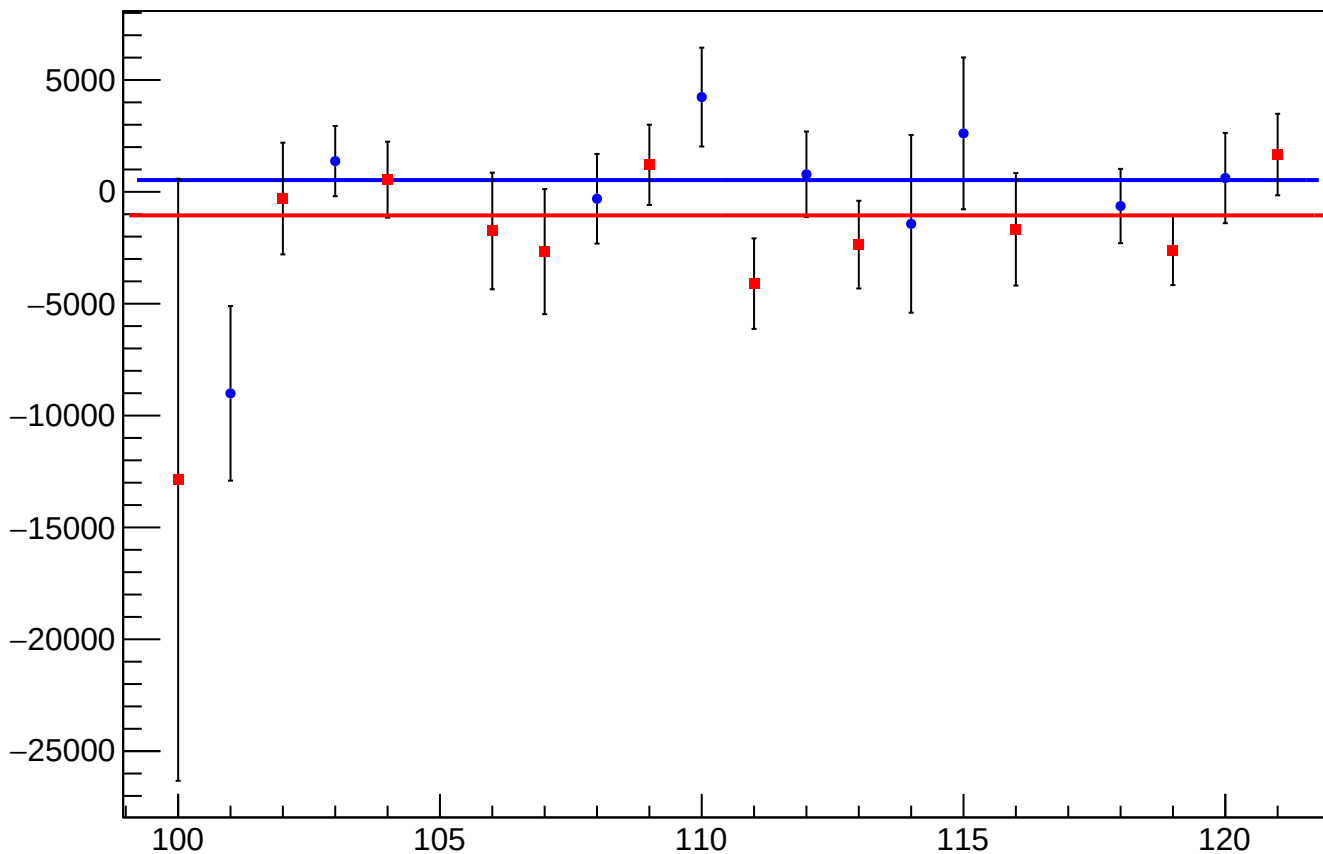
Right: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.266+/-0.325 χ^2/NDF : 501906.8/19

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 526.025+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1050.738+/-636.192 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

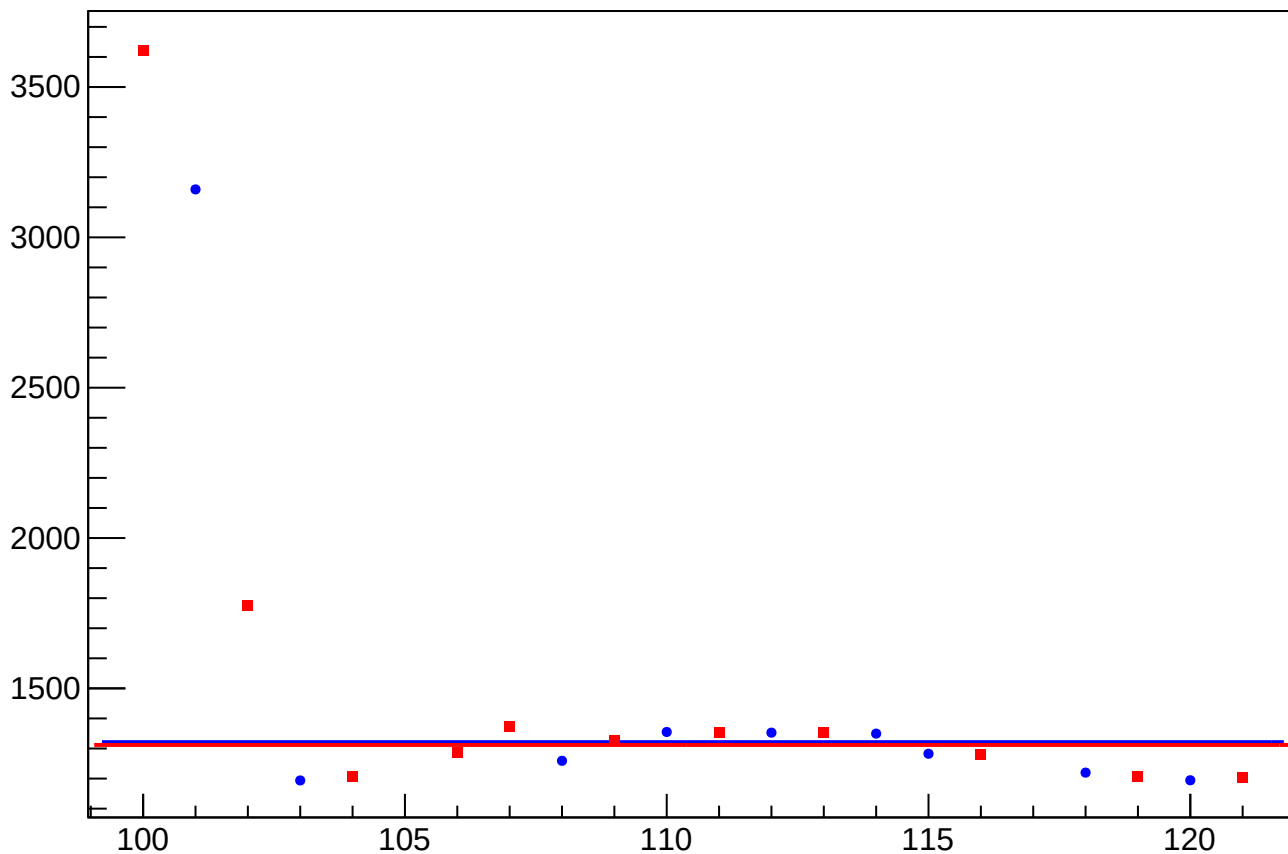
Right: -353.758+/-475.218 χ^2/NDF : 22.8/19

In: 526.025+/-714.769 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.758+/-475.218 χ^2/NDF : 22.8/19

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1311.908+/-0.450 χ^2/NDF : 154938.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

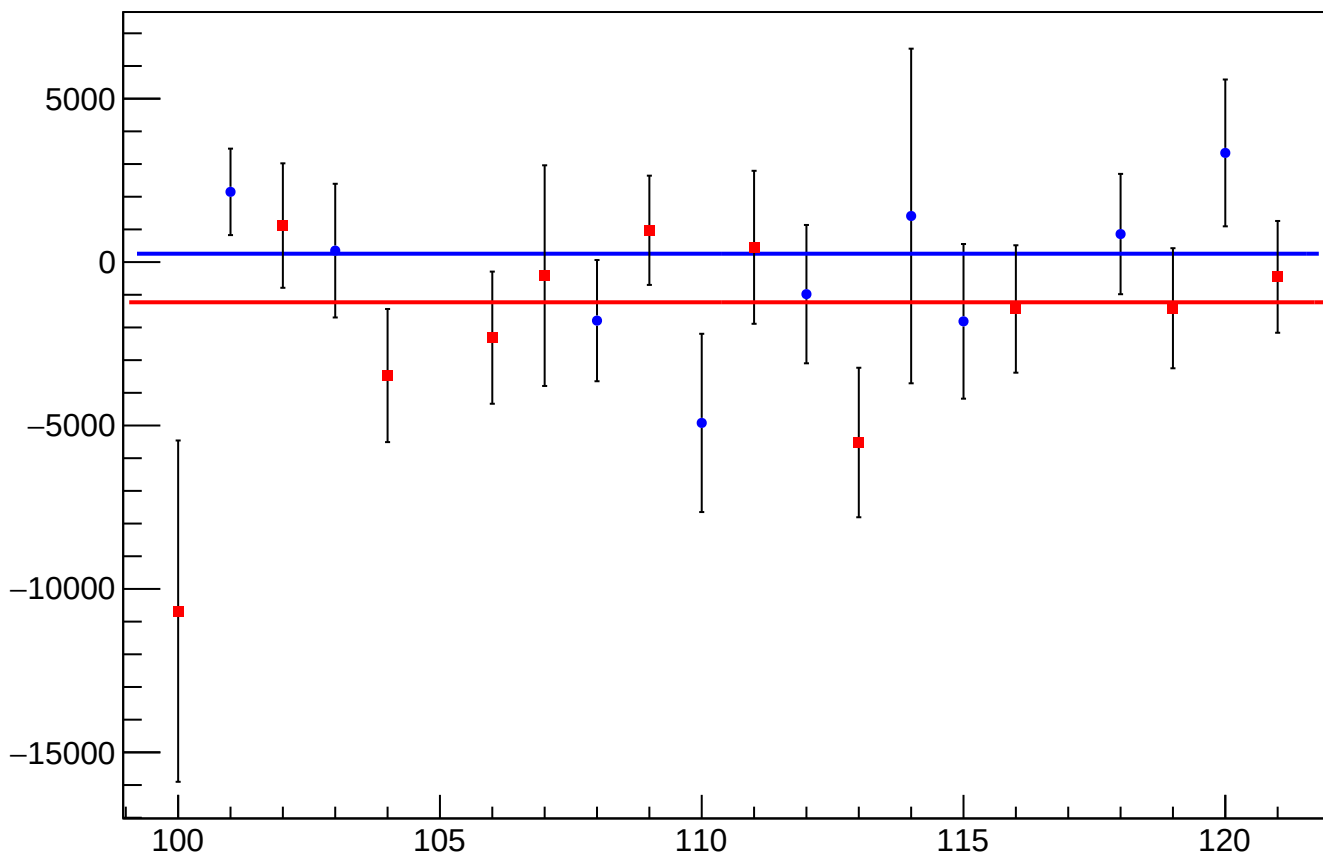
Right: 1315.949+/-0.336 χ^2/NDF : 630992.3/19

In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.949+/-0.336 χ^2/NDF : 630992.3/19

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.364 $\pm$ 678.948 χ^2 /NDF: 10.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1229.462 $\pm$ 630.065 χ^2 /NDF: 12.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

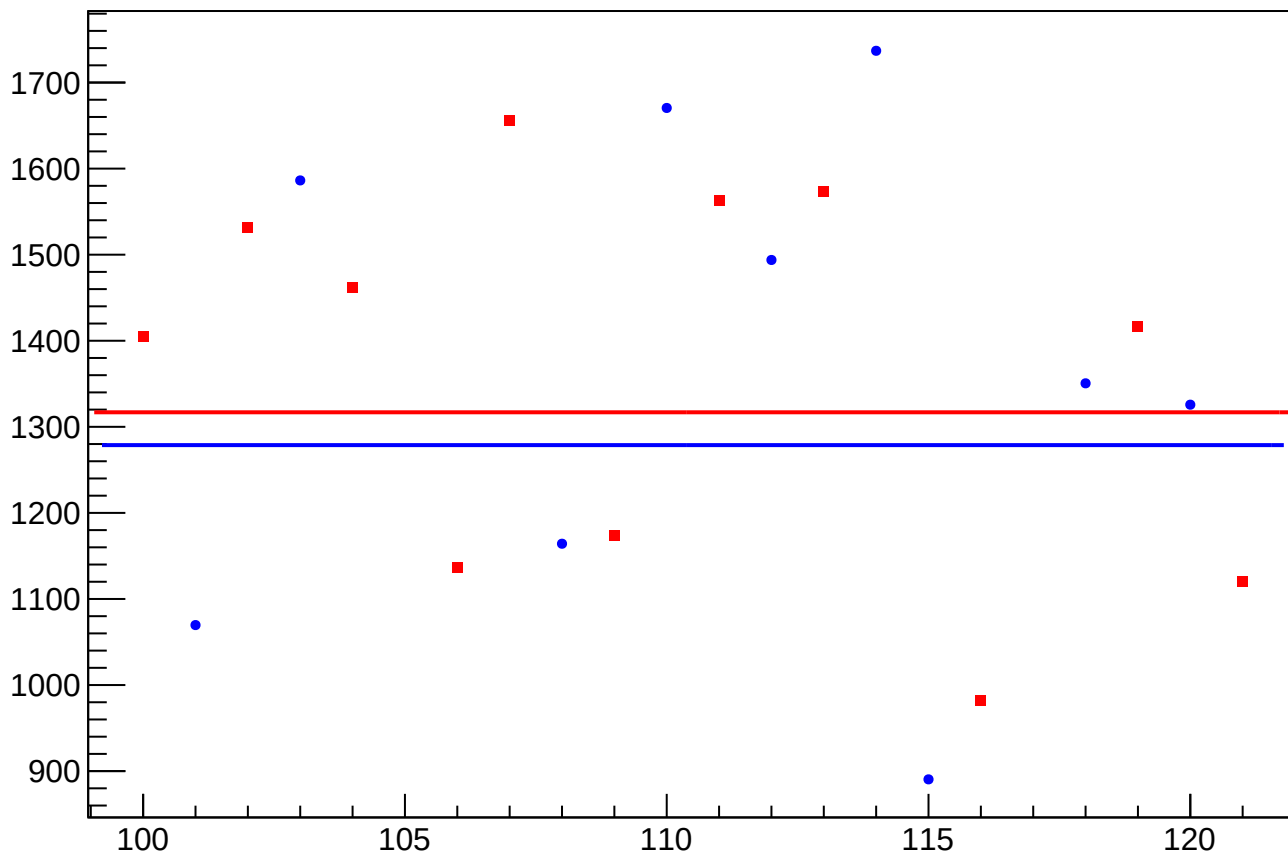
Right: -541.958 $\pm$ 461.839 χ^2 /NDF: 24.9/19

In: 256.364 $\pm$ 678.948 χ^2 /NDF:10.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -541.958 $\pm$ 461.839 χ^2 /NDF: 24.9/19

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1316.879+/-0.446 χ^2/NDF : 225387.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

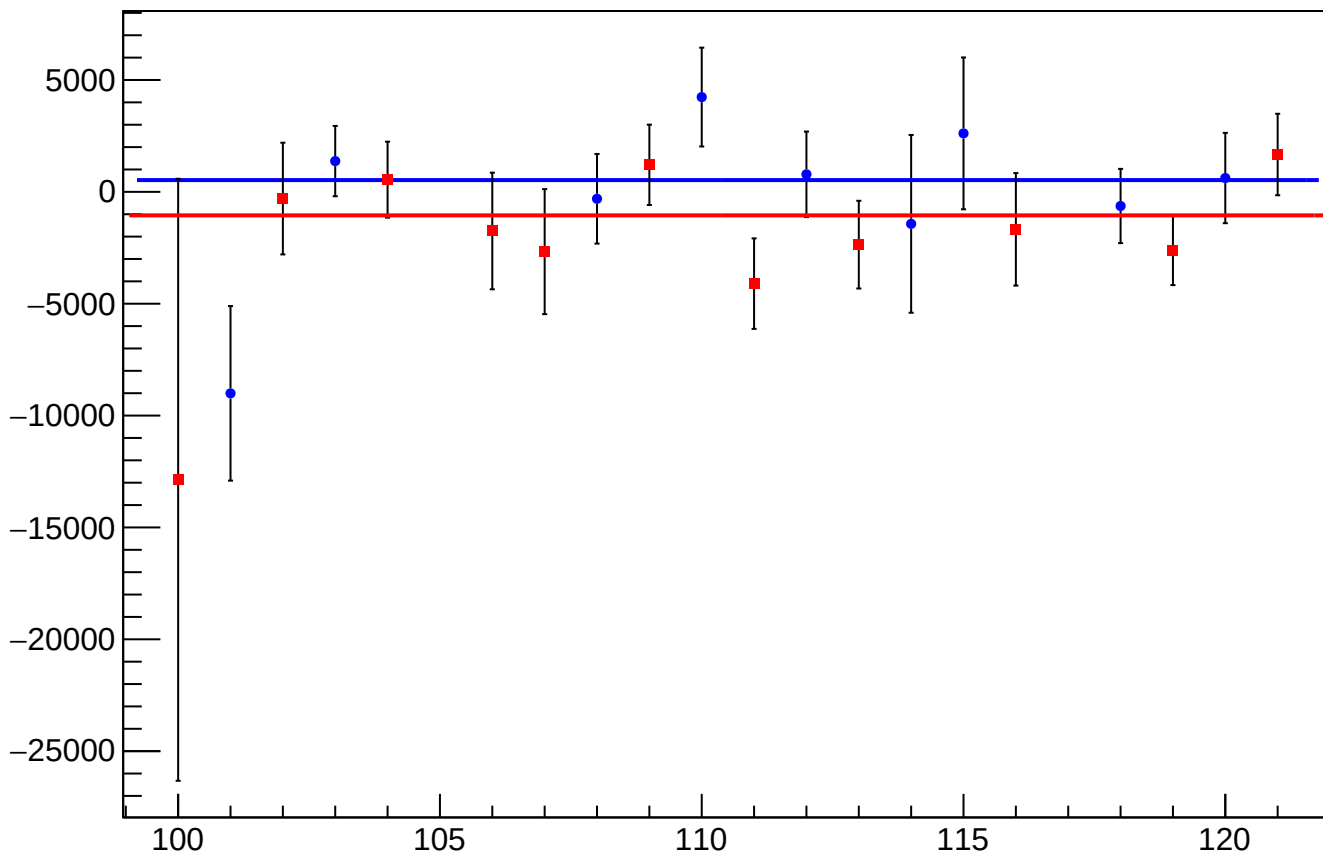
Right: 1299.237+/-0.327 χ^2/NDF : 467343.0/19

In: 1278.751+/-0.480 χ^2/NDF :238566.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1299.237+/-0.327 χ^2/NDF : 467343.0/19

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 526.021+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1050.739+/-636.192 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

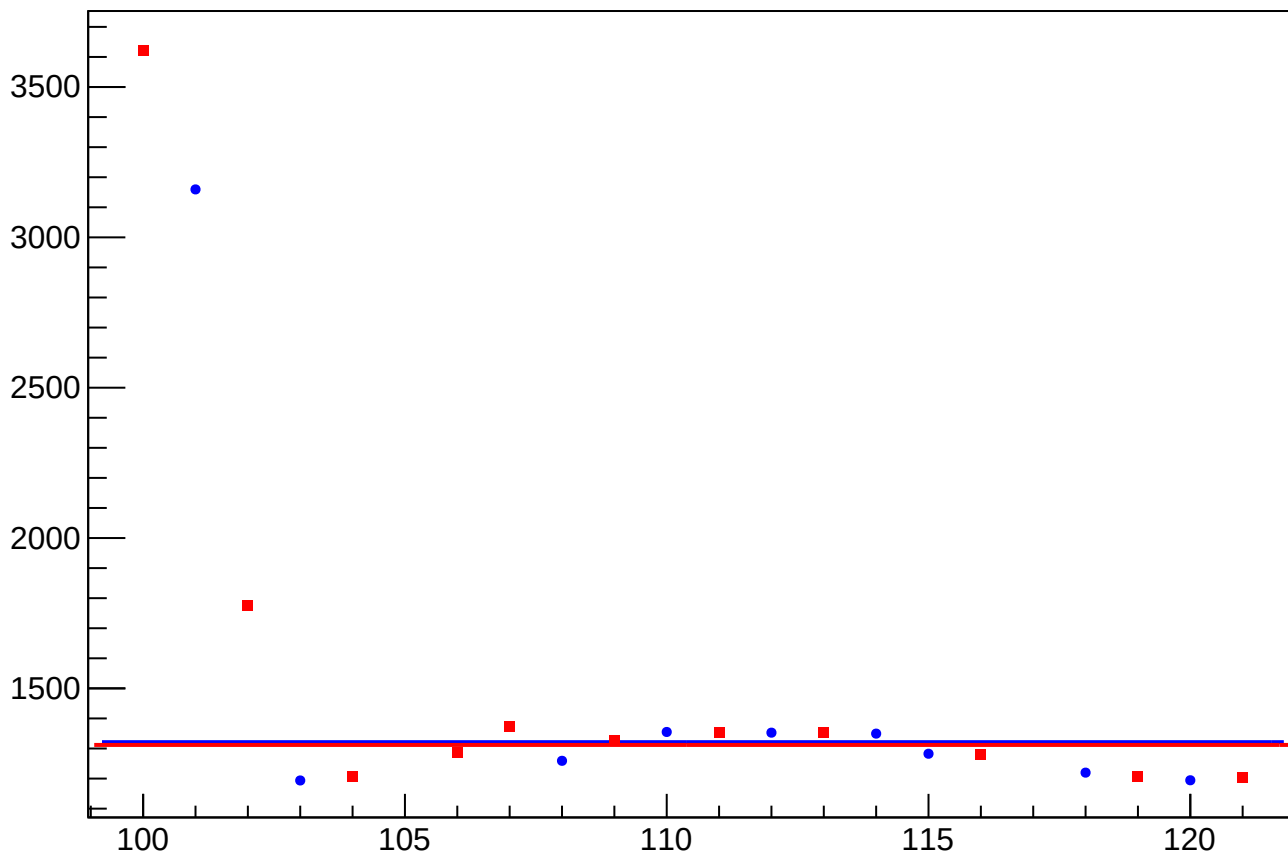
Right: -353.760+/-475.218 χ^2/NDF : 22.8/19

In: 526.021+/-714.769 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -353.760+/-475.218 χ^2/NDF : 22.8/19

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1311.907+/-0.450 χ^2/NDF : 154938.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

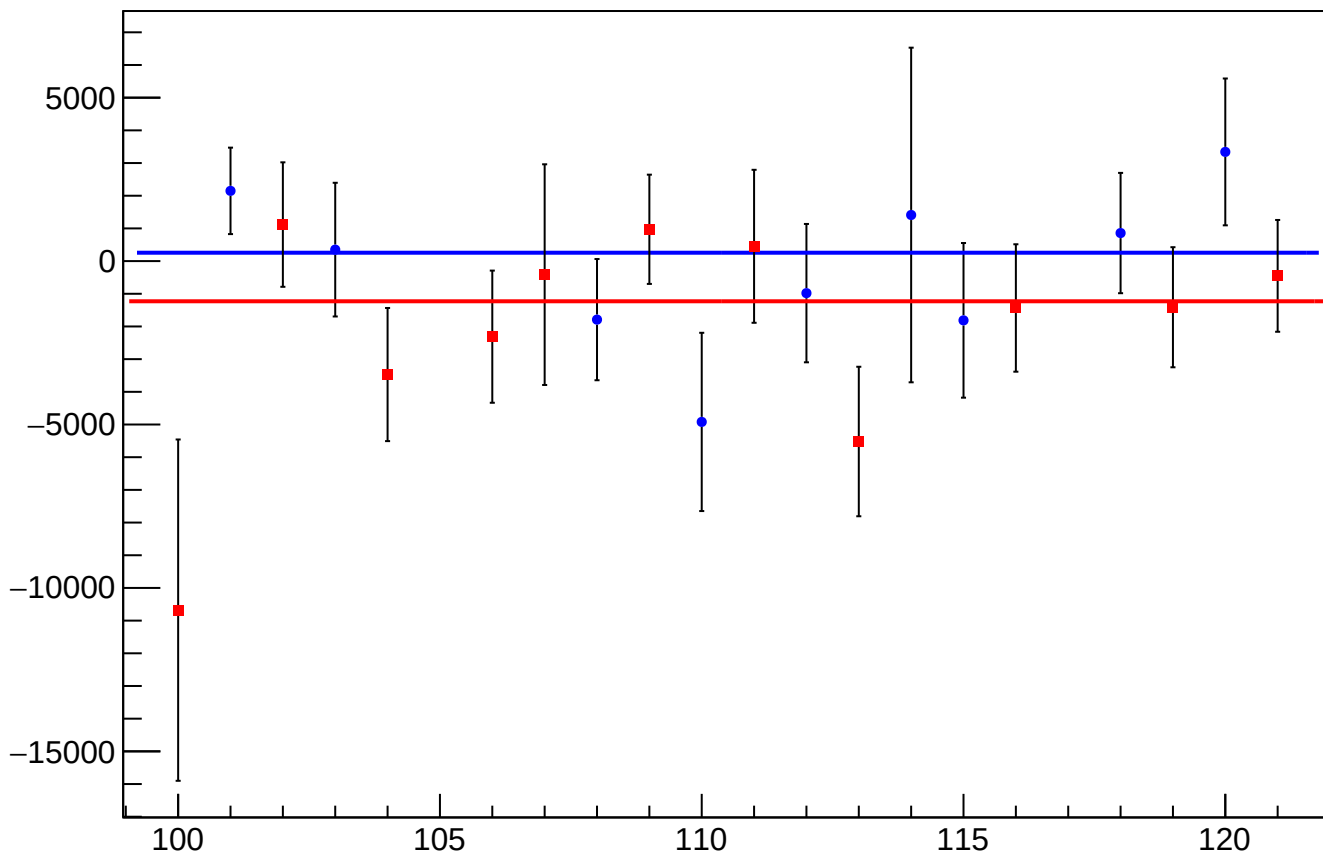
Right: 1315.948+/-0.336 χ^2/NDF : 630992.4/19

In: 1321.049+/-0.505 χ^2/NDF :475871.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1315.948+/-0.336 χ^2/NDF : 630992.4/19

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1229.464+/-630.065 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

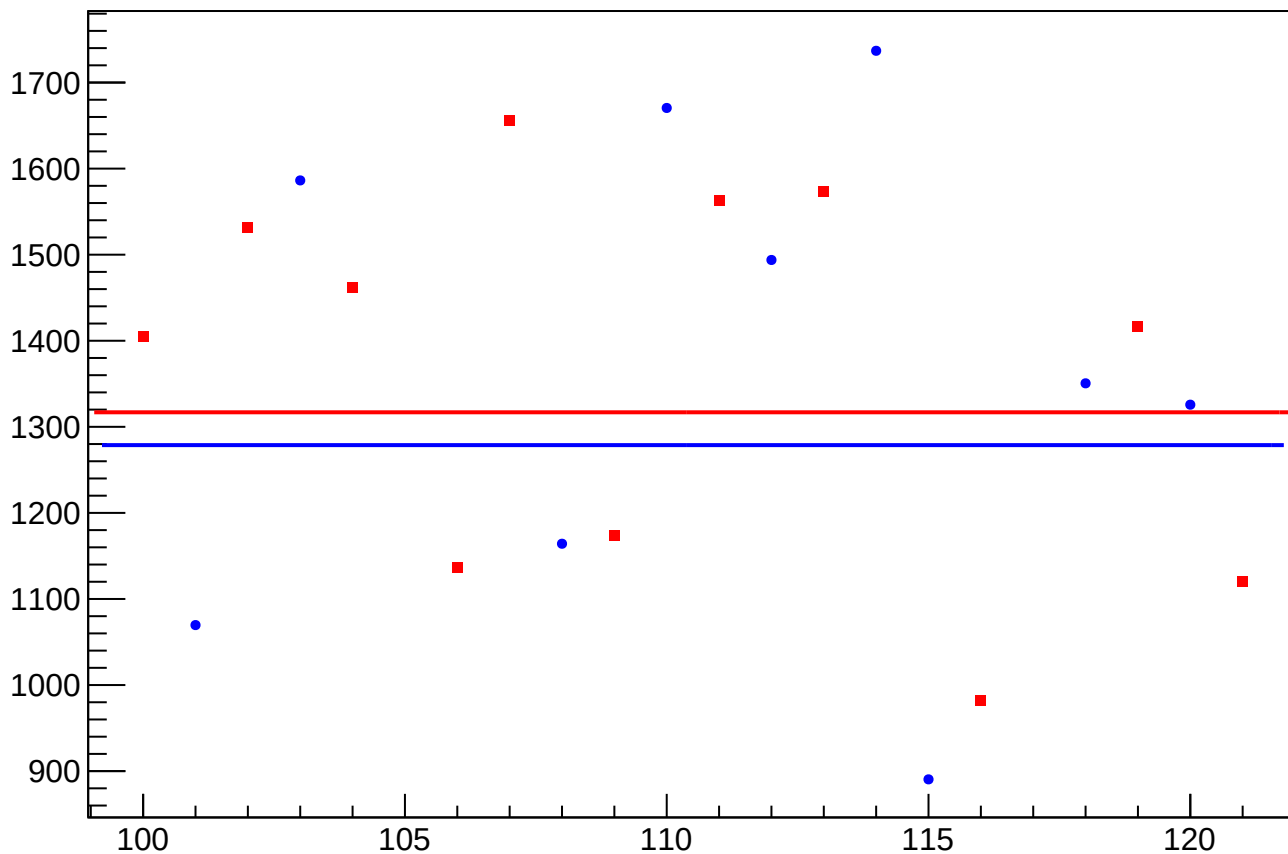
Right: -541.958+/-461.838 χ^2/NDF : 24.9/19

In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.958+/-461.838 χ^2/NDF : 24.9/19

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.879+/-0.446 χ^2/NDF : 225388.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

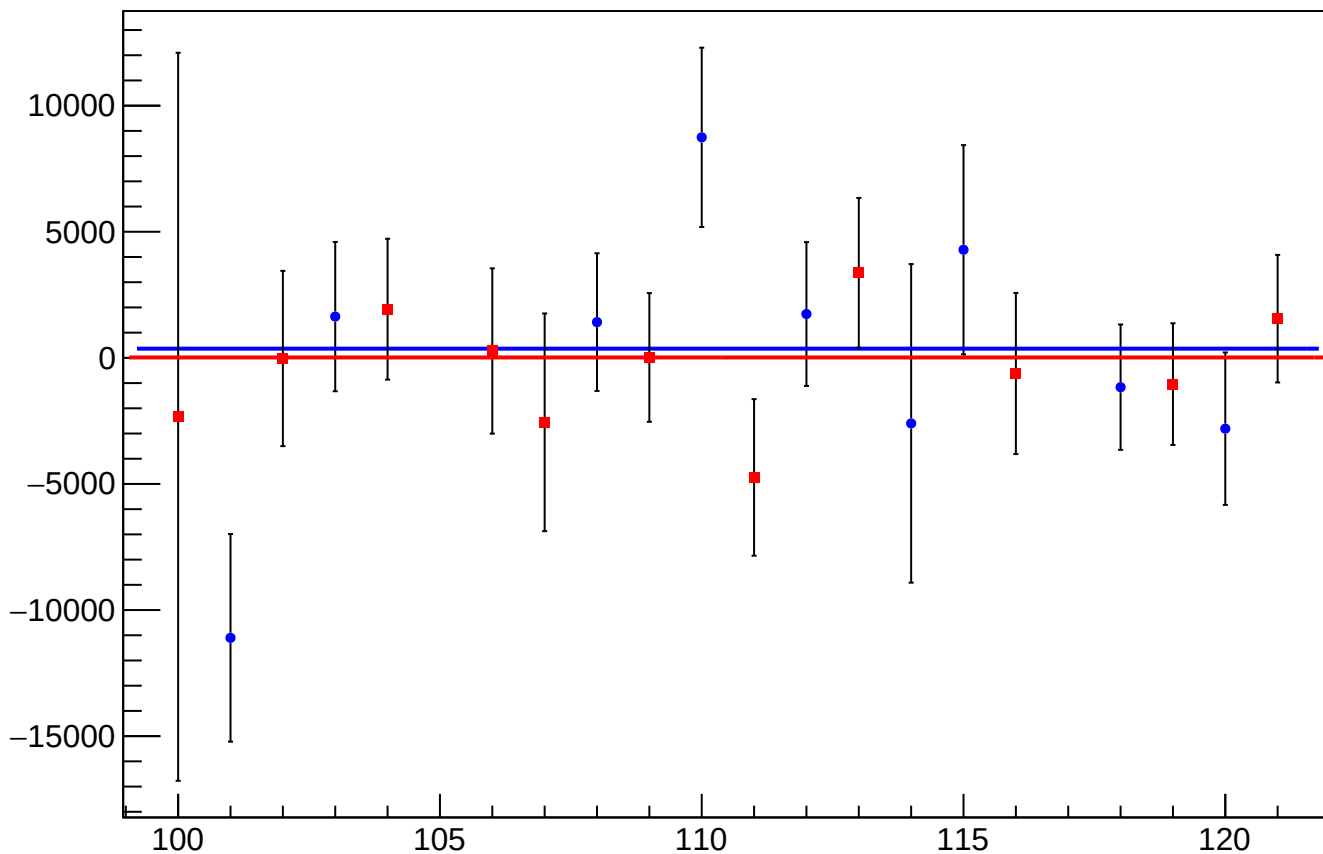
Right: 1299.236+/-0.327 χ^2/NDF : 467349.2/19

In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.236+/-0.327 χ^2/NDF : 467349.2/19

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.669+/-928.729 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

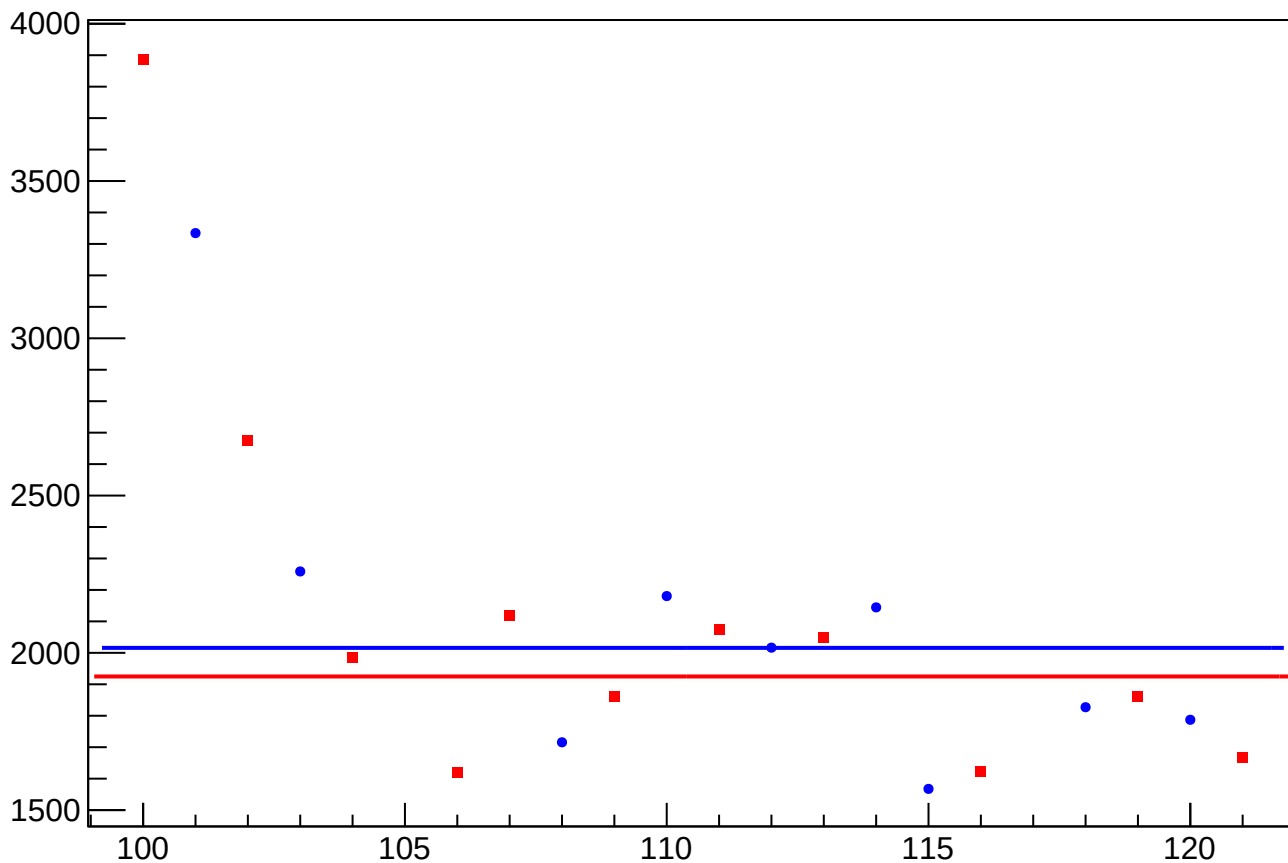
Right: 164.999+/-703.040 χ^2/NDF : 21.6/19

In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.999+/-703.040 χ^2/NDF : 21.6/19

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1924.843+/-0.657 χ^2/NDF : 201645.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

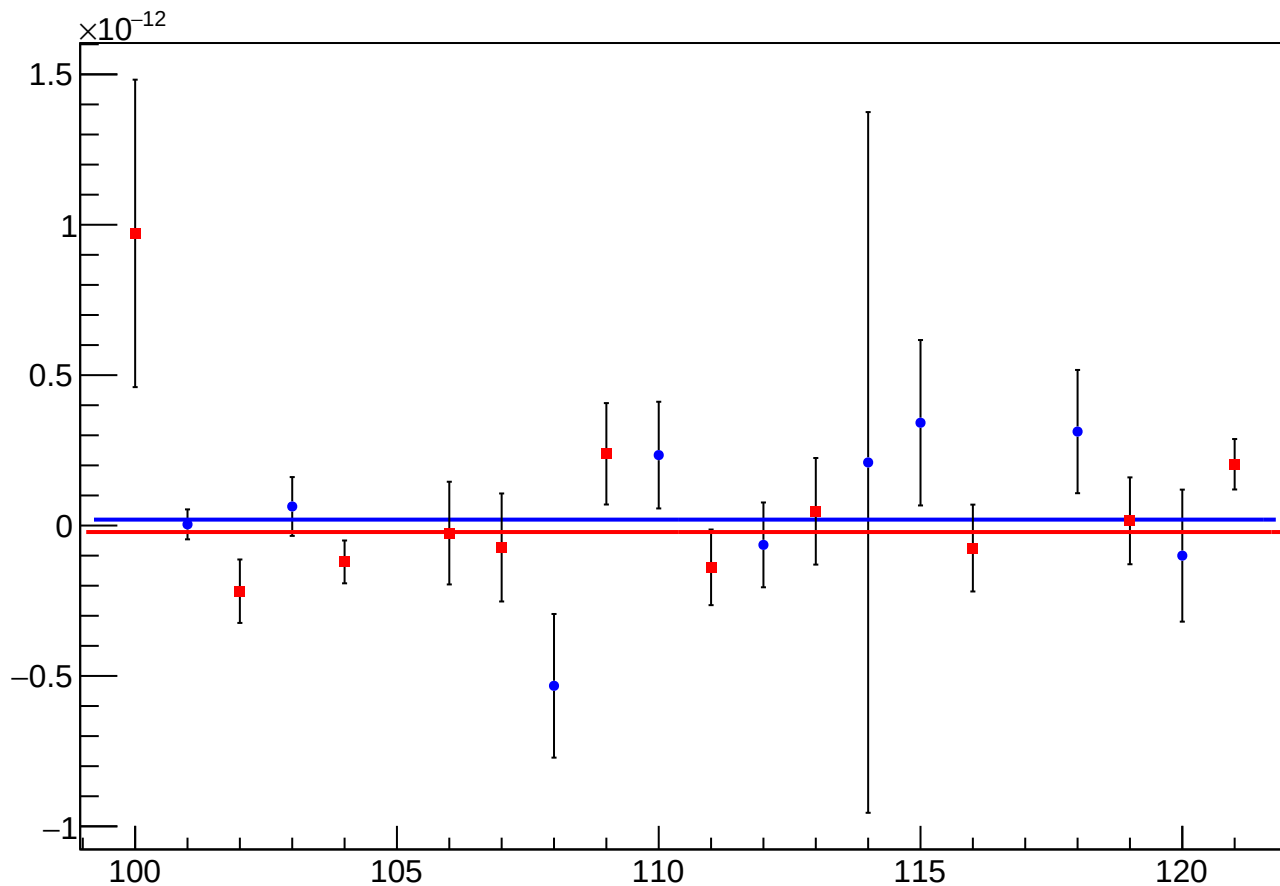
Right: 1963.677+/-0.497 χ^2/NDF : 504173.6/19

In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.677+/-0.497 χ^2/NDF : 504173.6/19

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

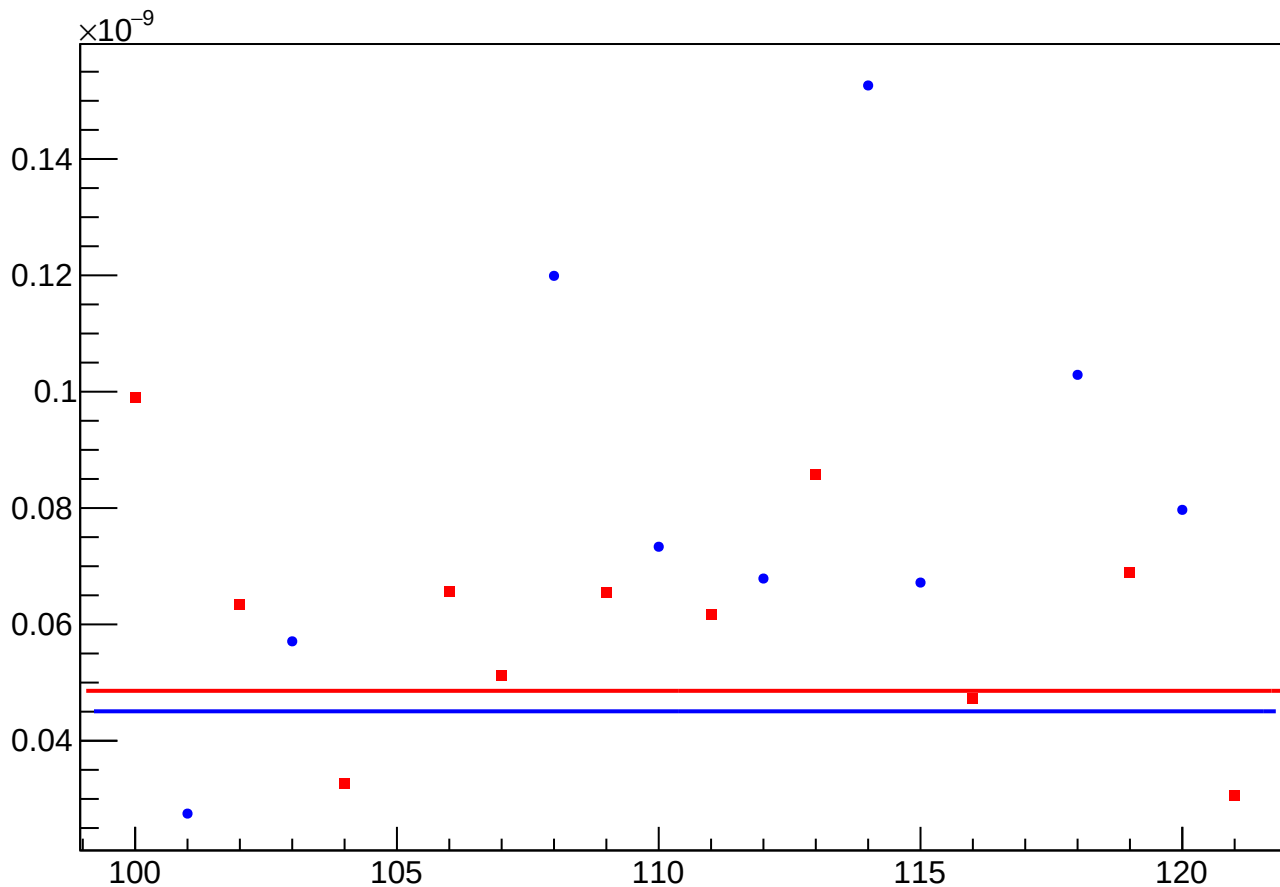
Right: -0.000+/-0.000 χ^2/NDF : 31.9/19

In: 0.000+/-0.000 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.9/19

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443342.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

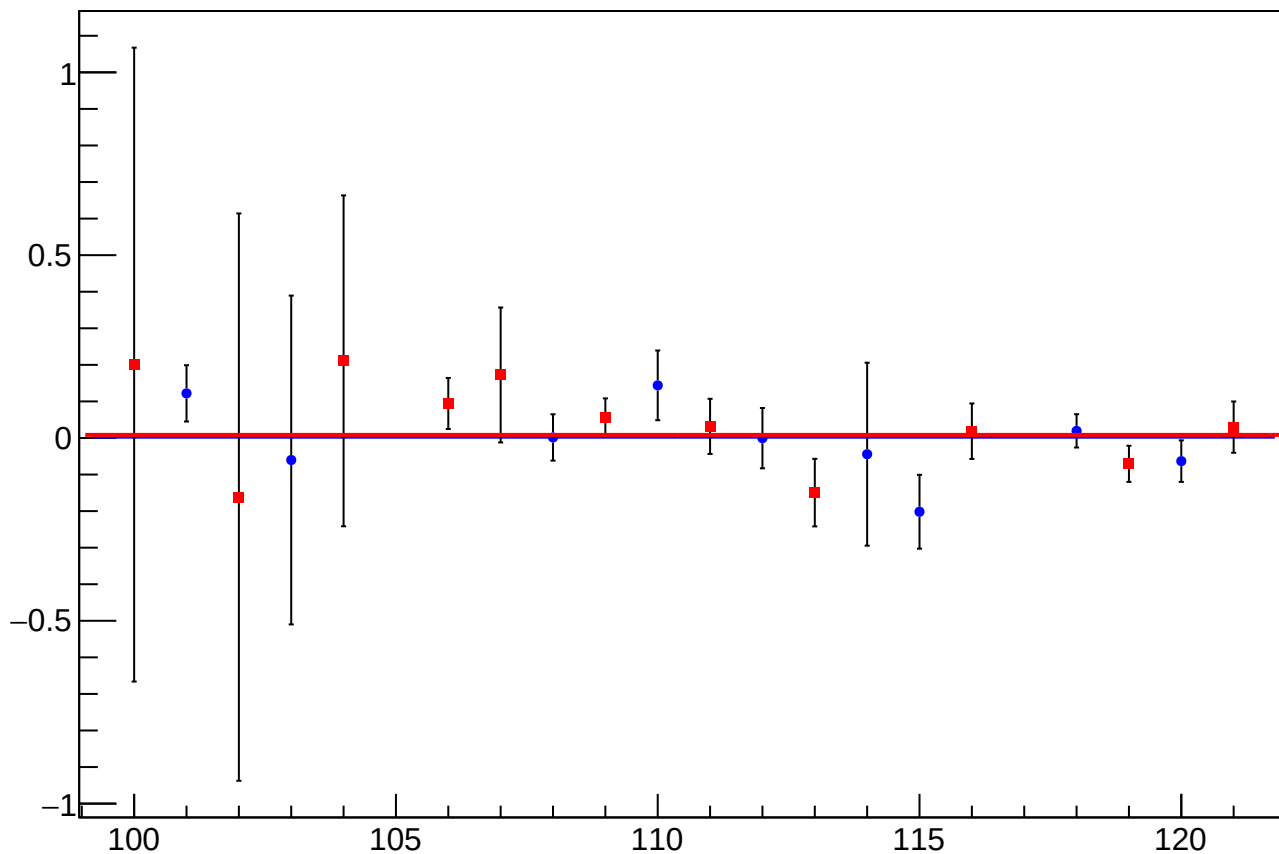
Right: 0.000+/-0.000 χ^2/NDF : 1270407.6/19

In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1270407.6/19

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

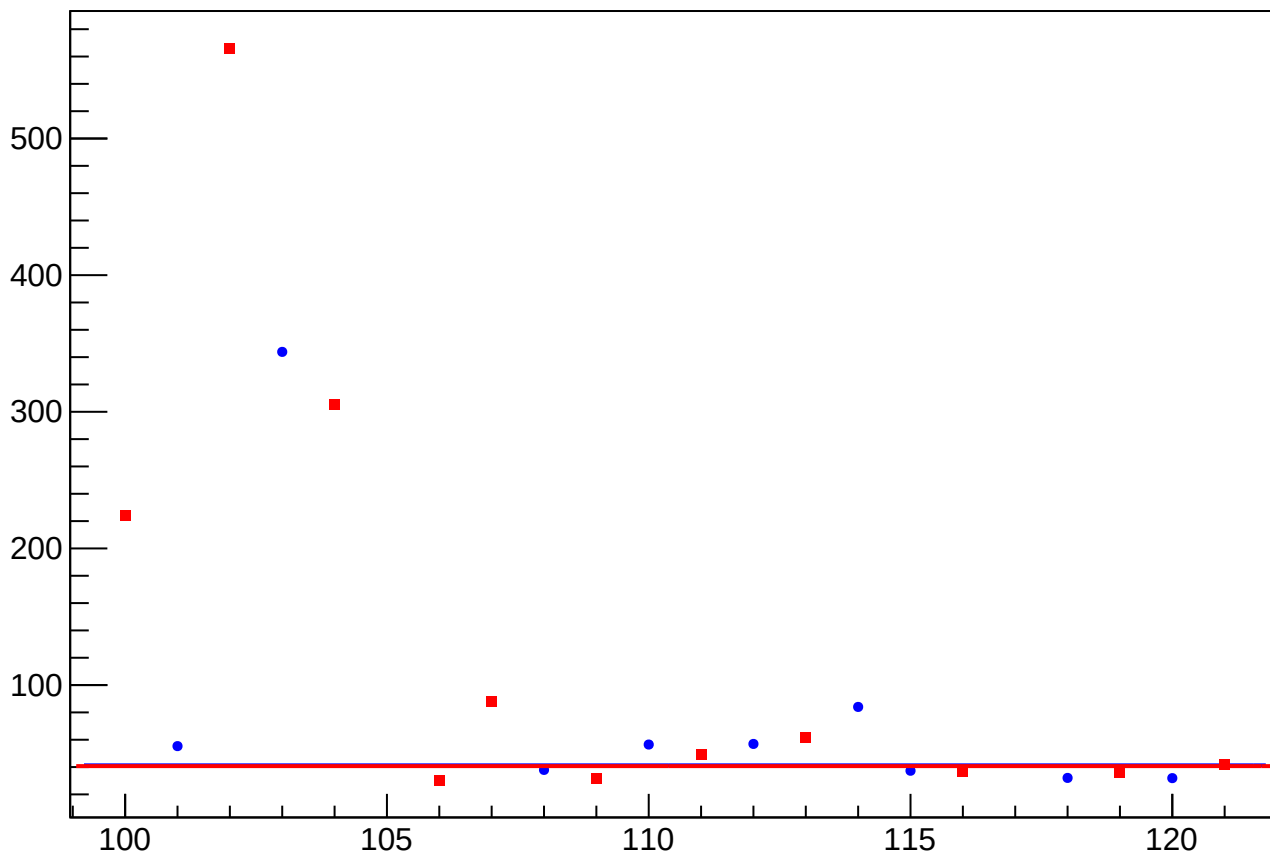
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

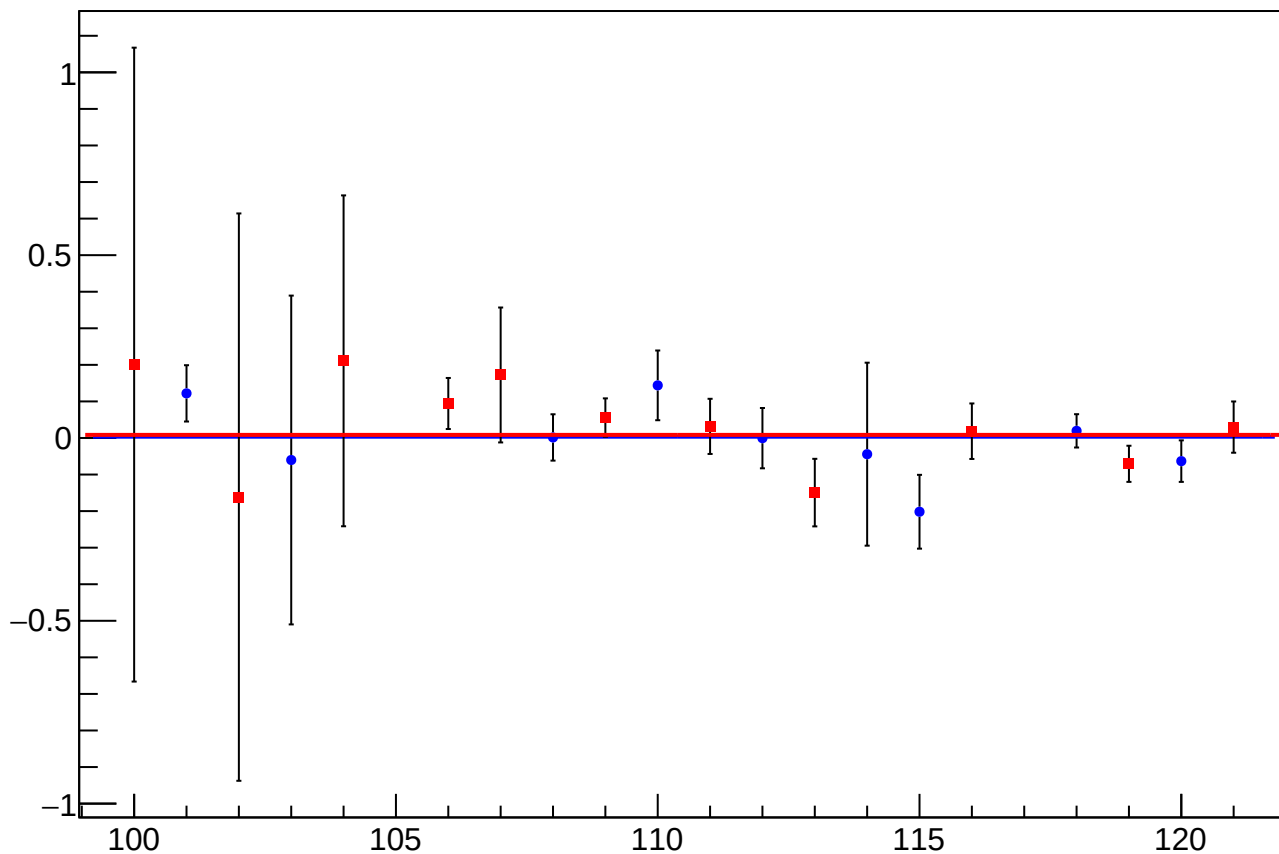
Right: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

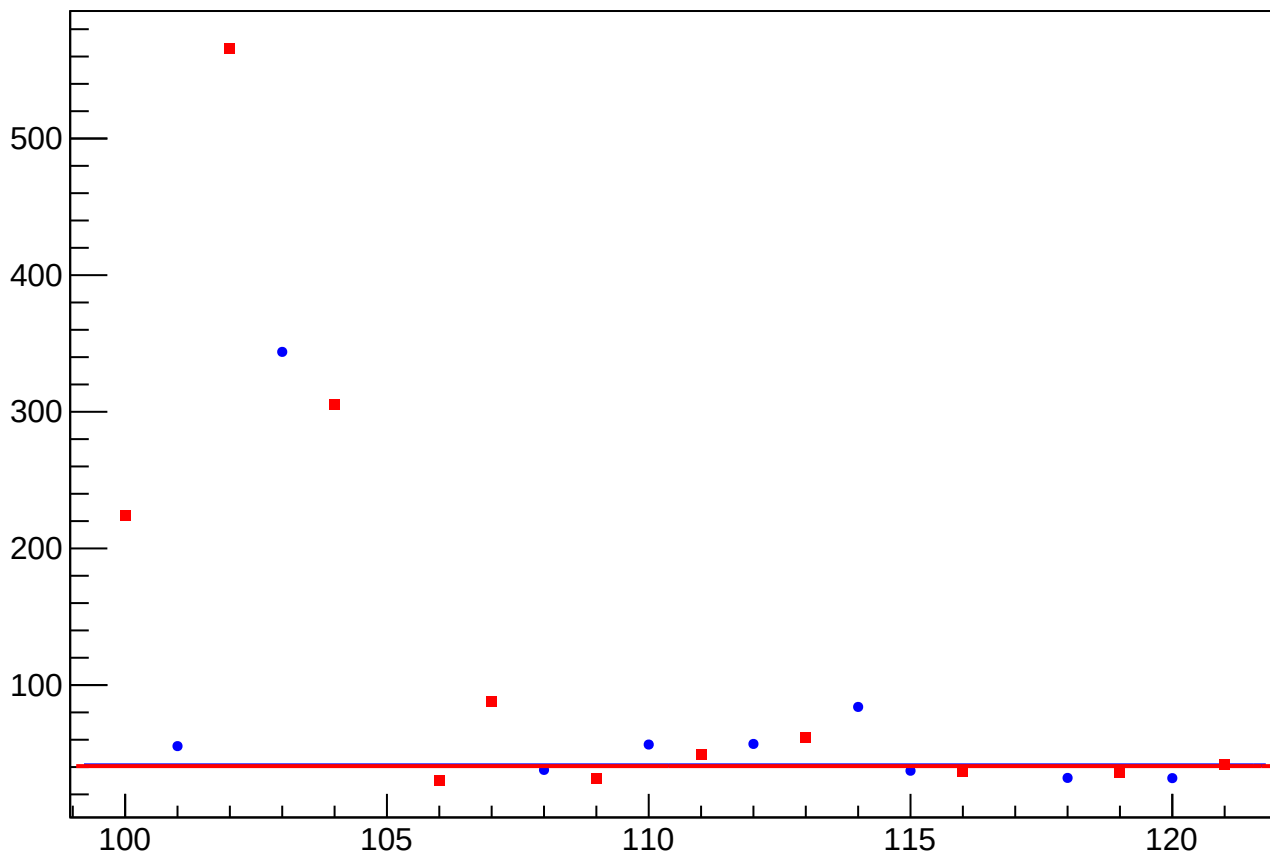
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

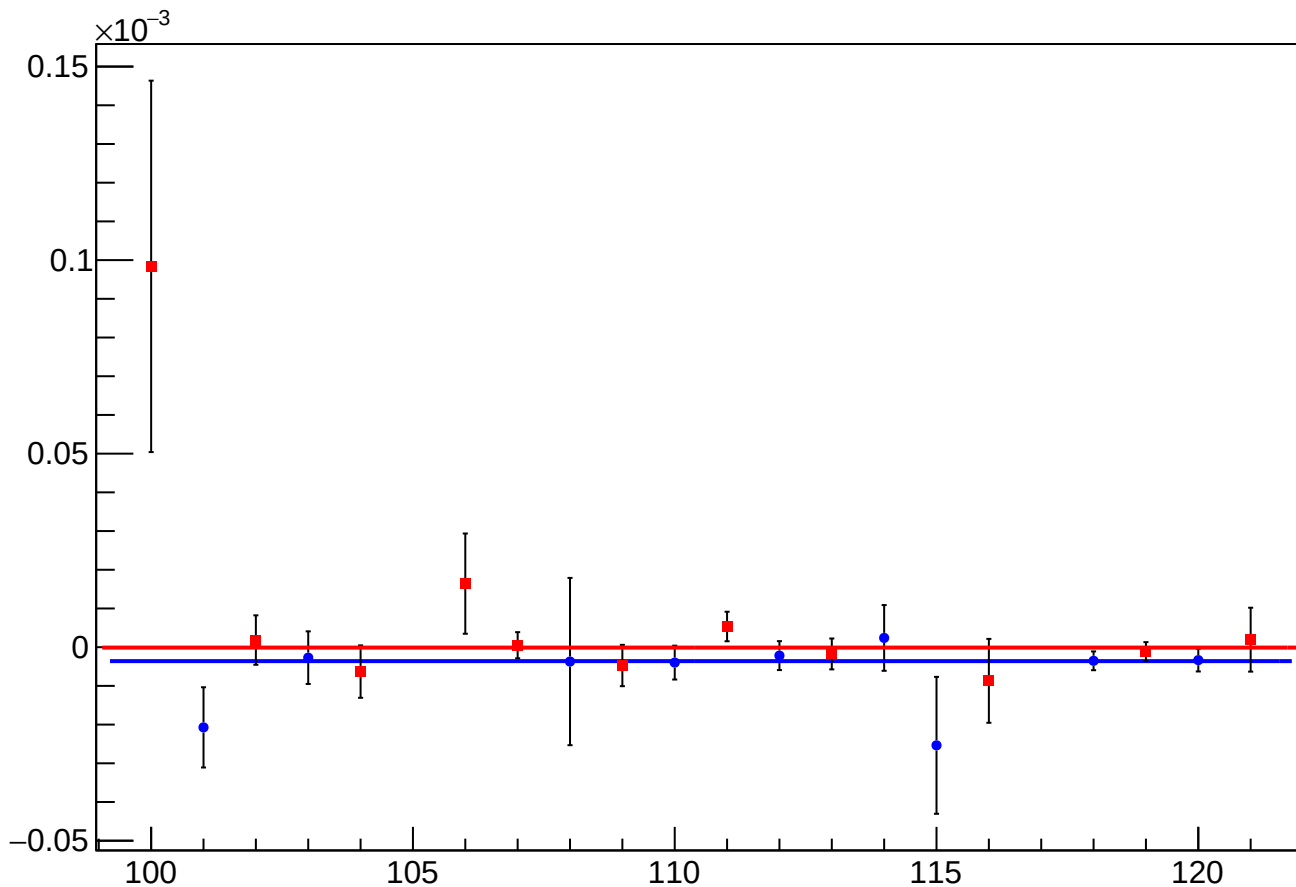
Right: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384578.5/19

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 : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

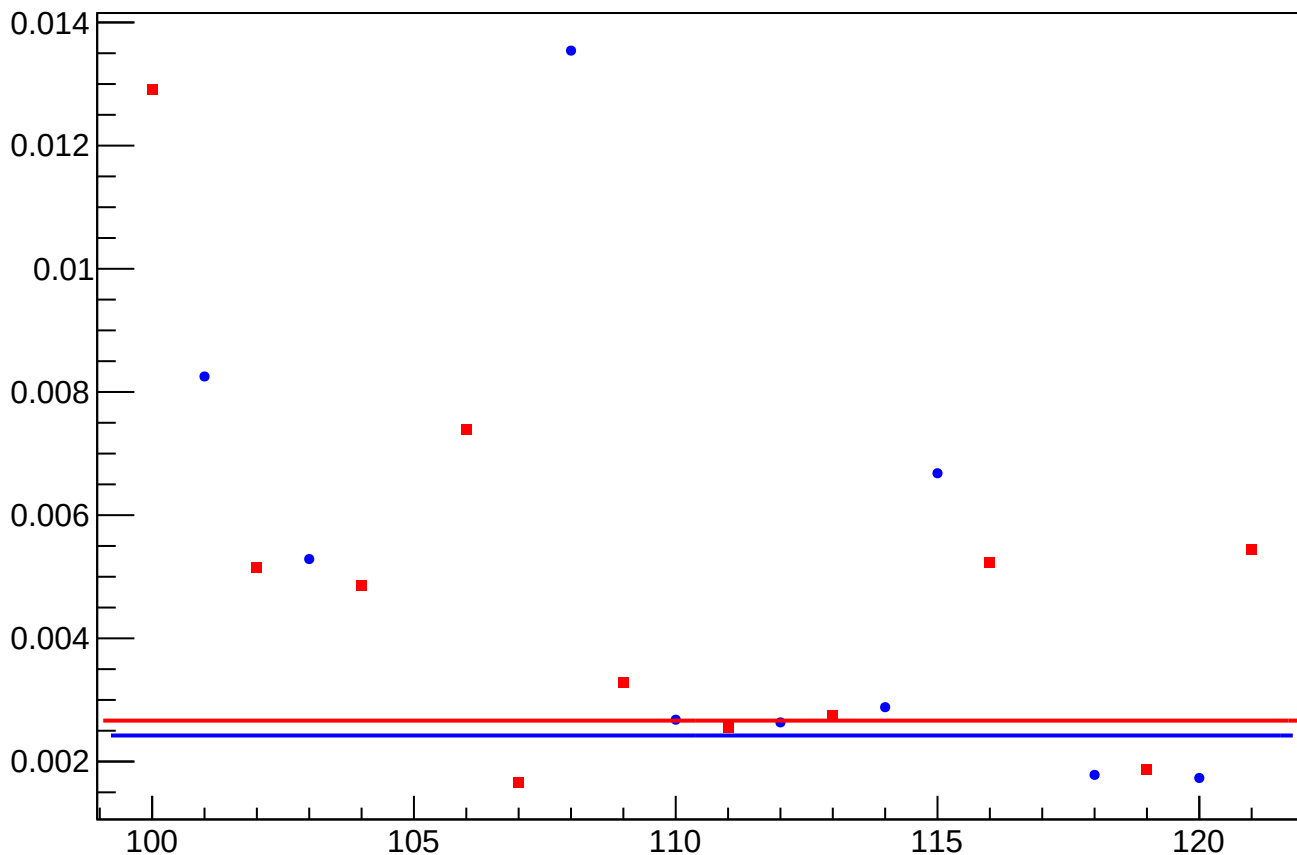
Right: -0.000+/-0.000 χ^2/NDF : 18.5/19

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/19

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1901622.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1628628.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

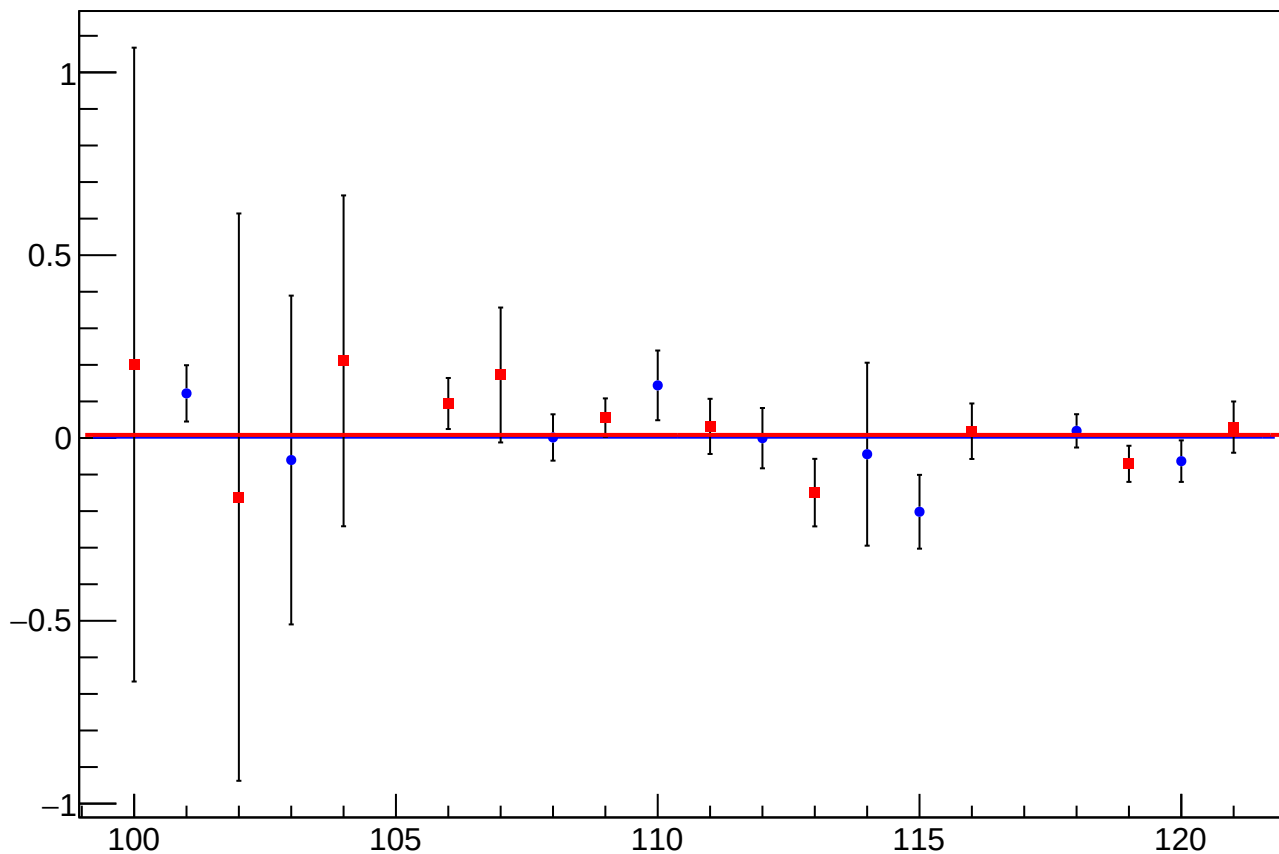
Right: 0.003+/-0.000 χ^2/NDF : 3558164.4/19

In: 0.002+/-0.000 χ^2/NDF :1901622.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3558164.4/19

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

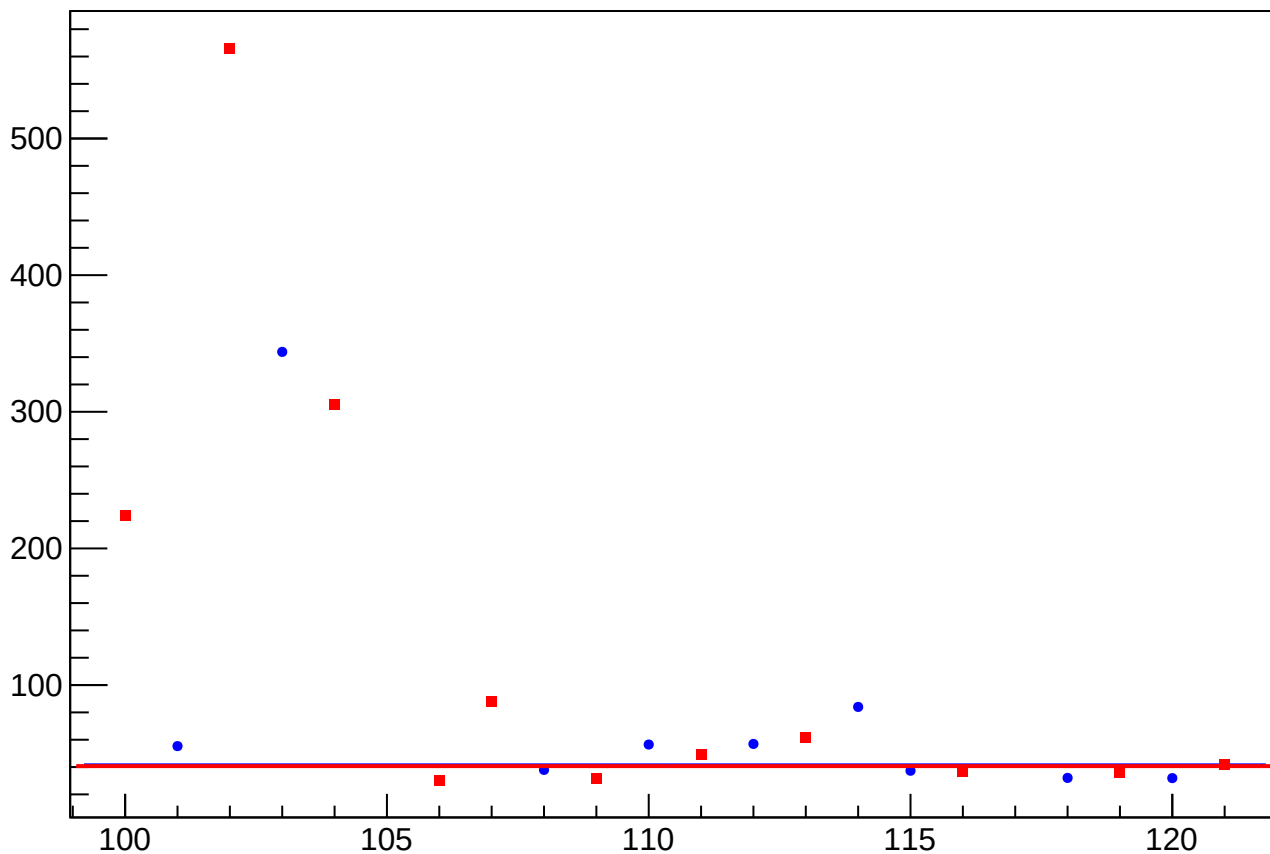
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

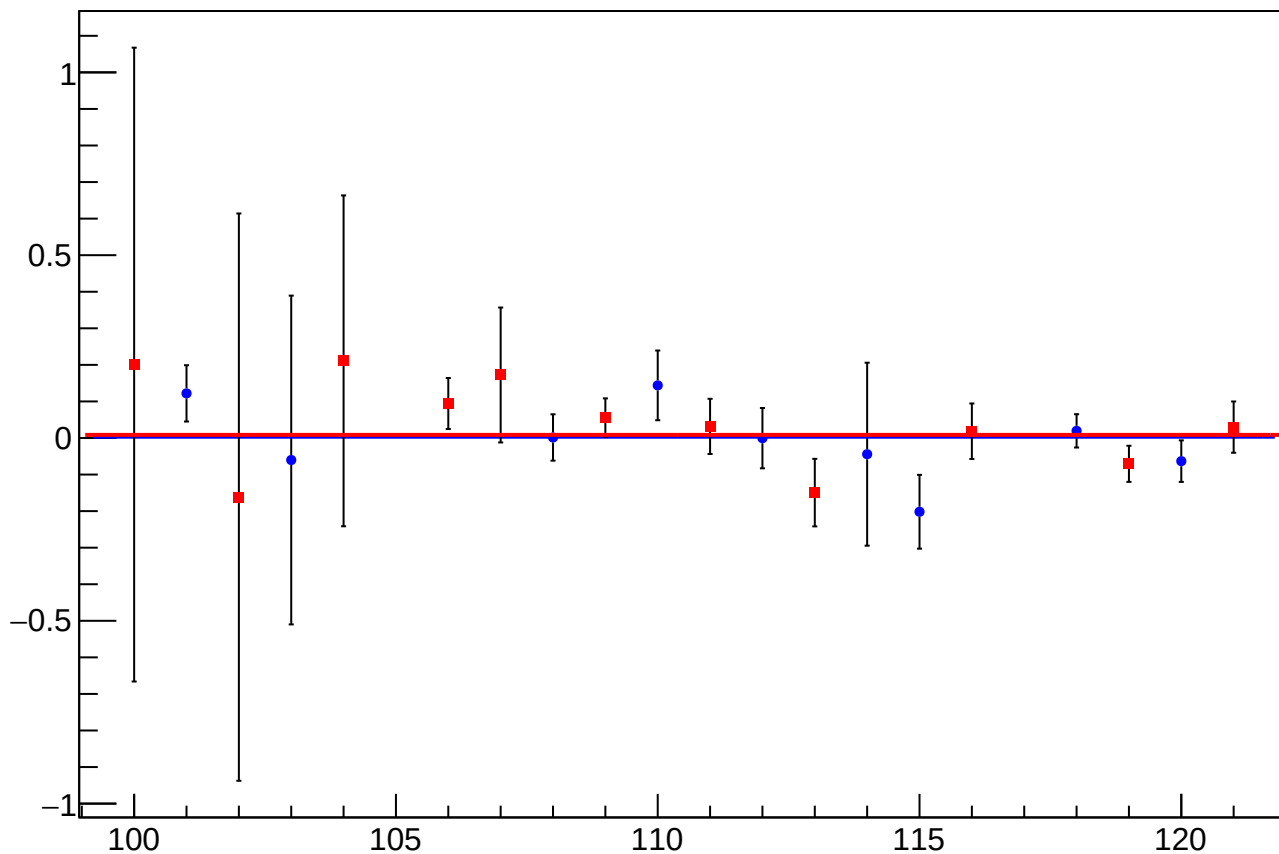
Right: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

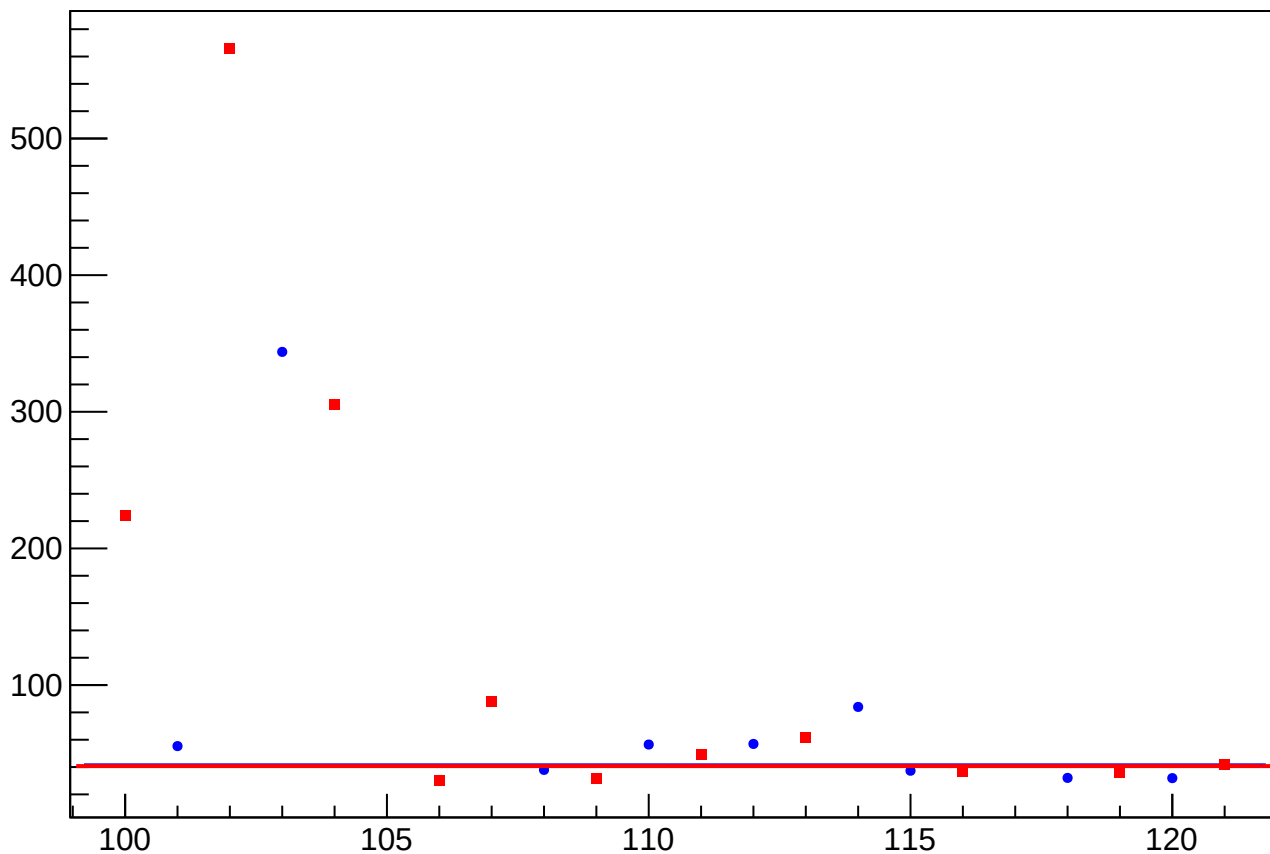
Right: 0.006+/-0.017 χ^2/NDF : 19.4/19

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.017 χ^2/NDF : 19.4/19

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

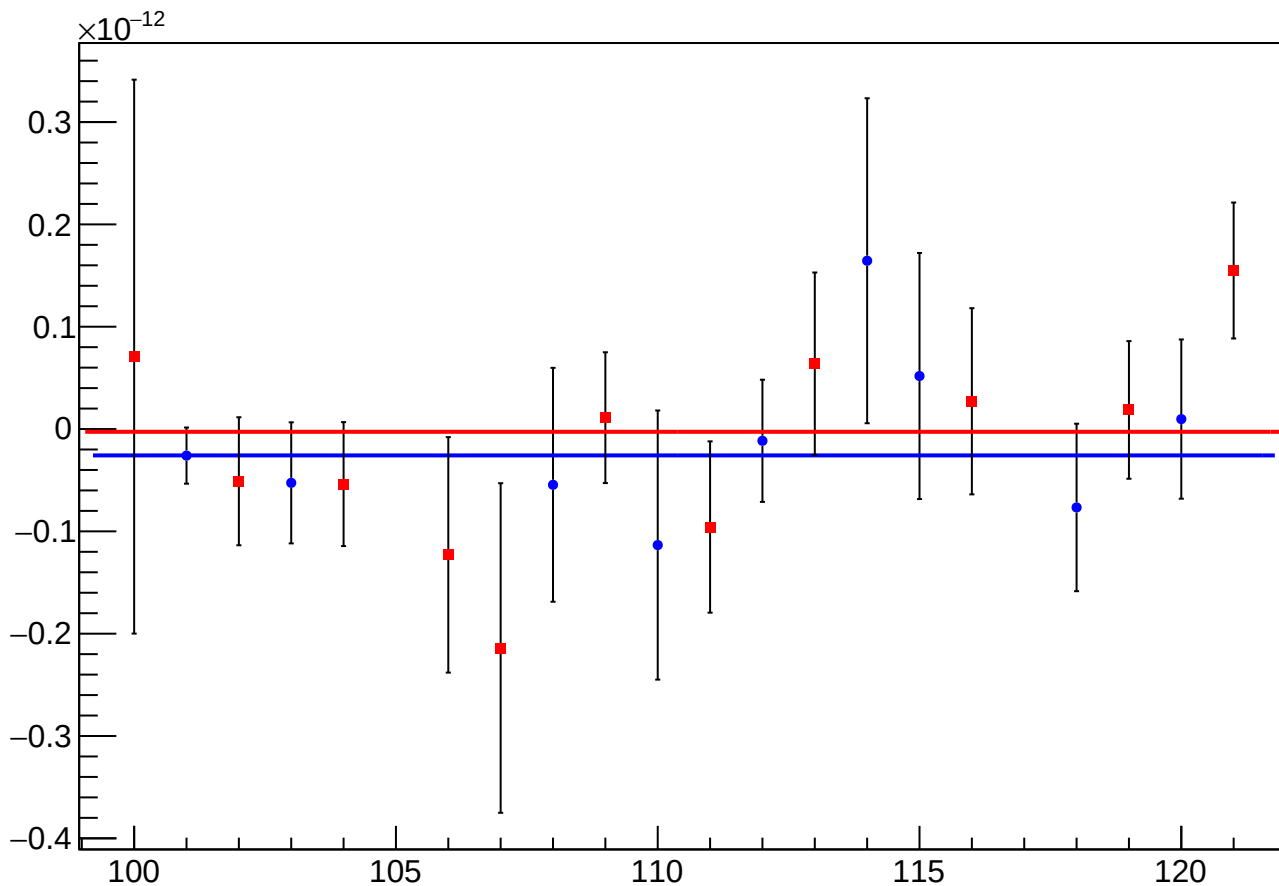
Right: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.012 χ^2/NDF : 3384630.4/19

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 : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

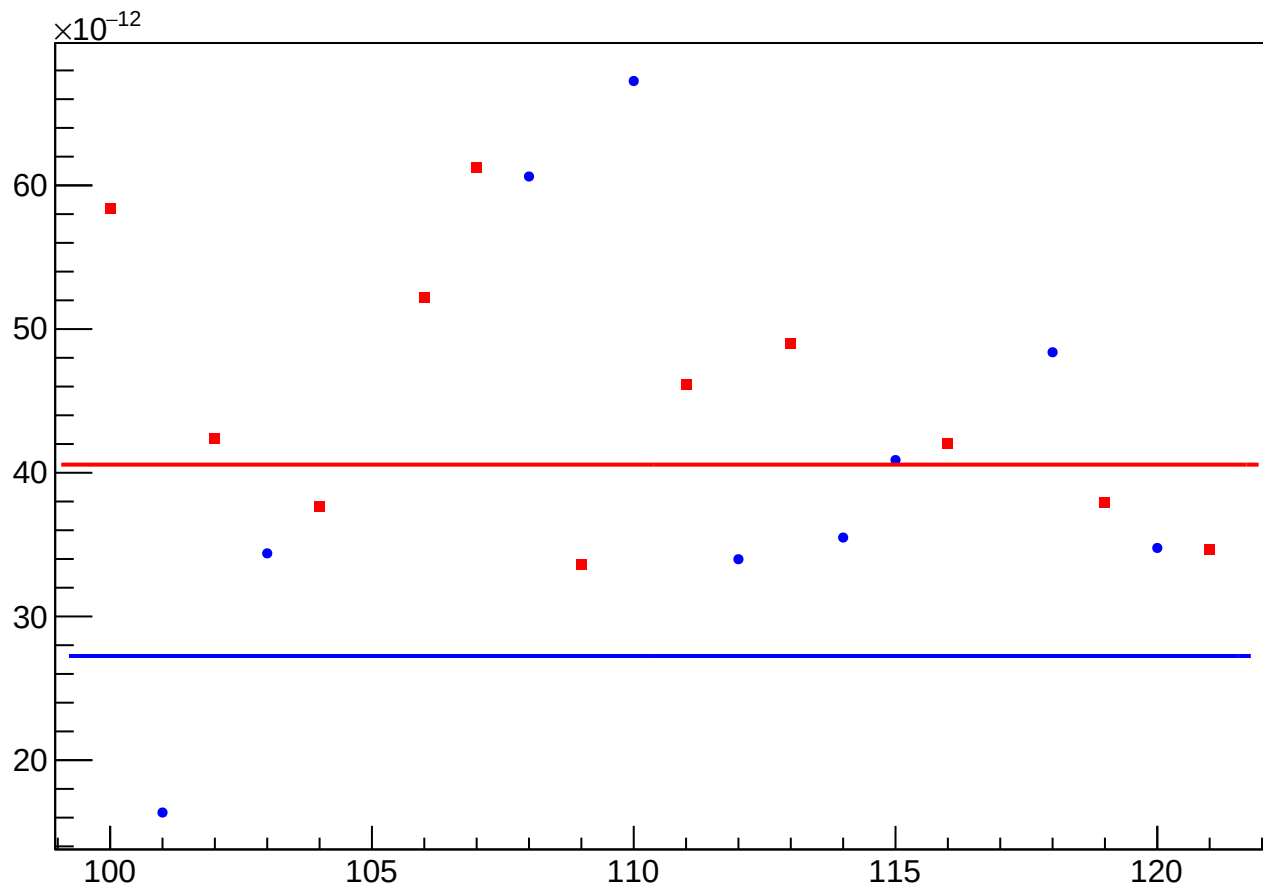
Right: -0.000+/-0.000 χ^2/NDF : 15.6/19

In: -0.000+/-0.000 χ^2/NDF :3.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/19

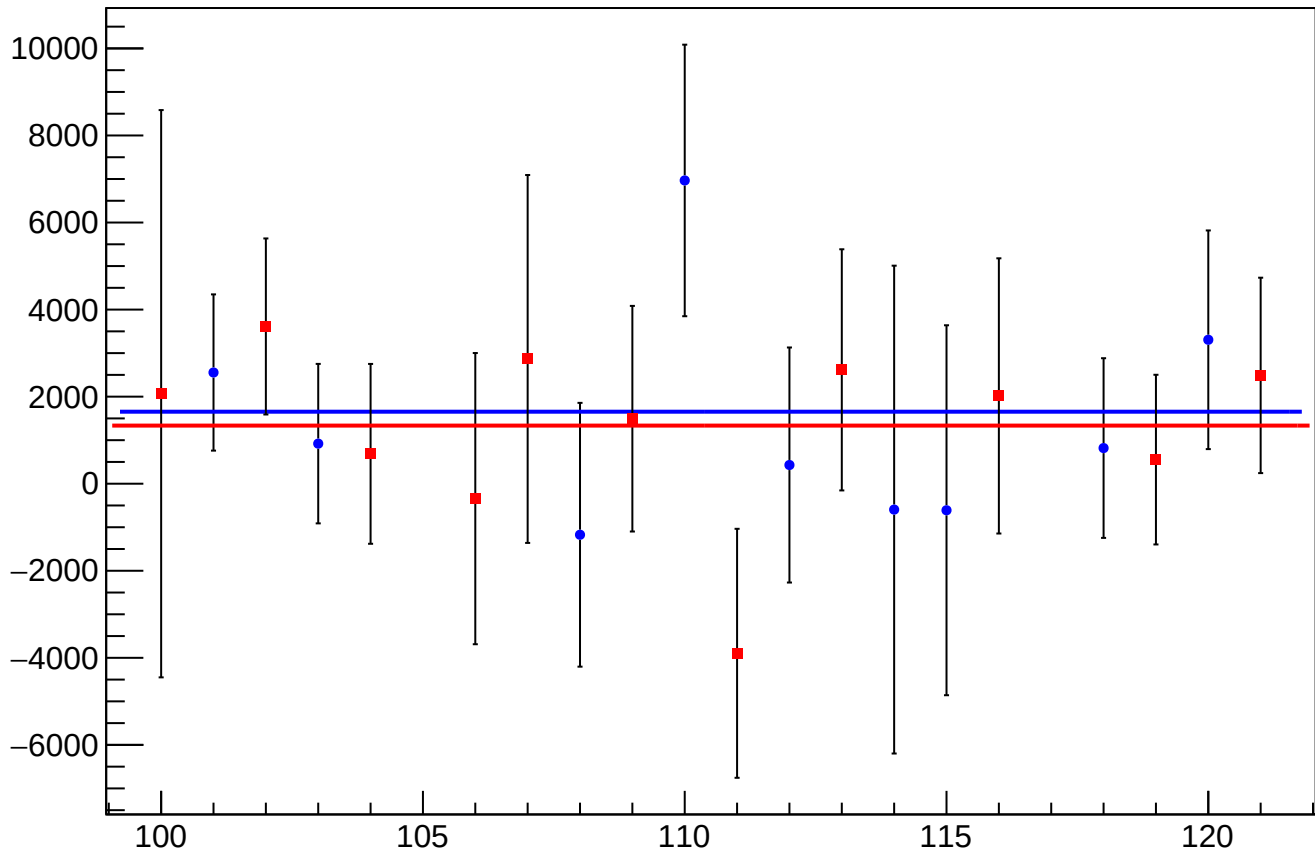
asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 908767.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 138399.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1407949.9/19
 In: 0.000+/-0.000 χ^2/NDF : 908767.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1407949.9/19

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1654.218+/-833.951 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.095+/-787.832 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

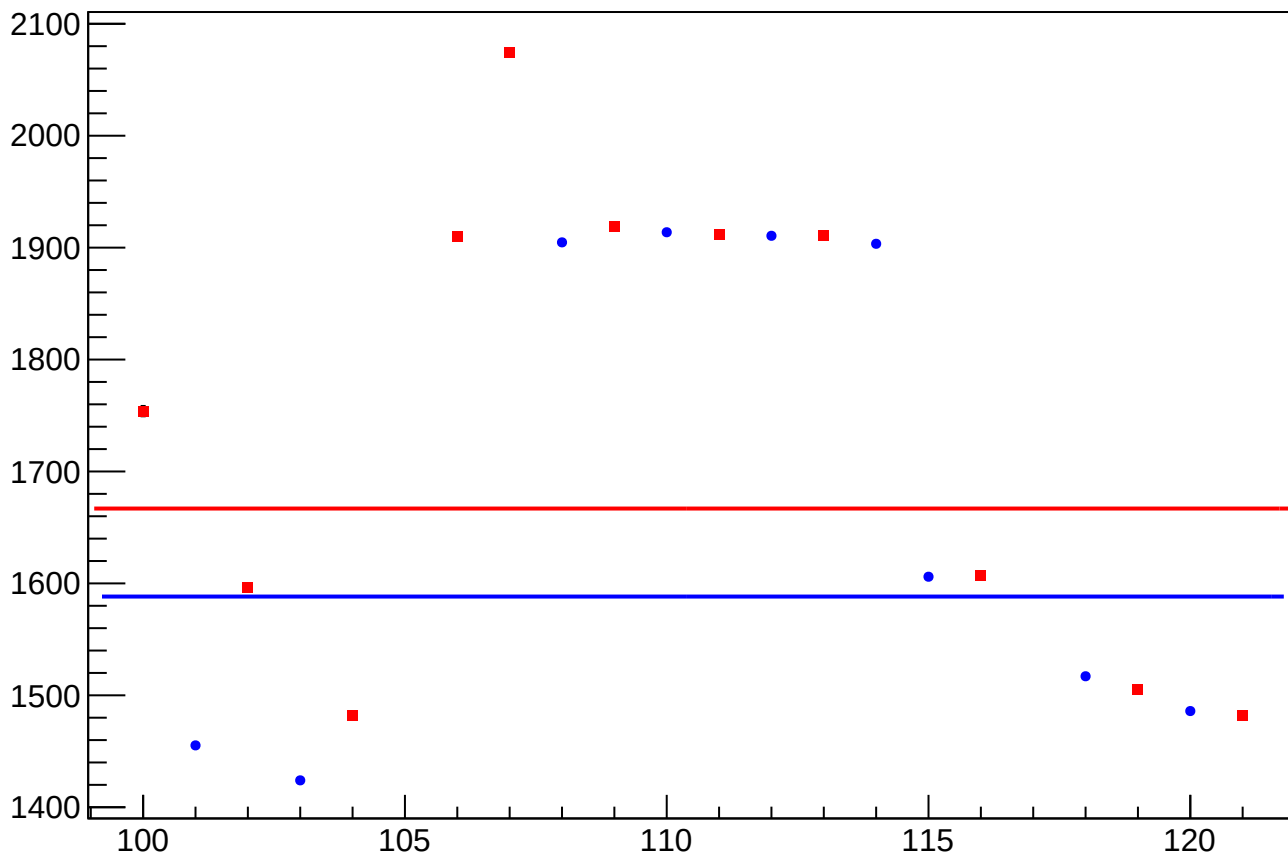
Right: 1485.589+/-572.692 χ^2/NDF : 11.3/19

In: 1654.218+/-833.951 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.589+/-572.692 χ^2/NDF : 11.3/19

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1588.246+/-0.590 χ^2/NDF : 111217.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.884+/-0.557 χ^2/NDF : 125201.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

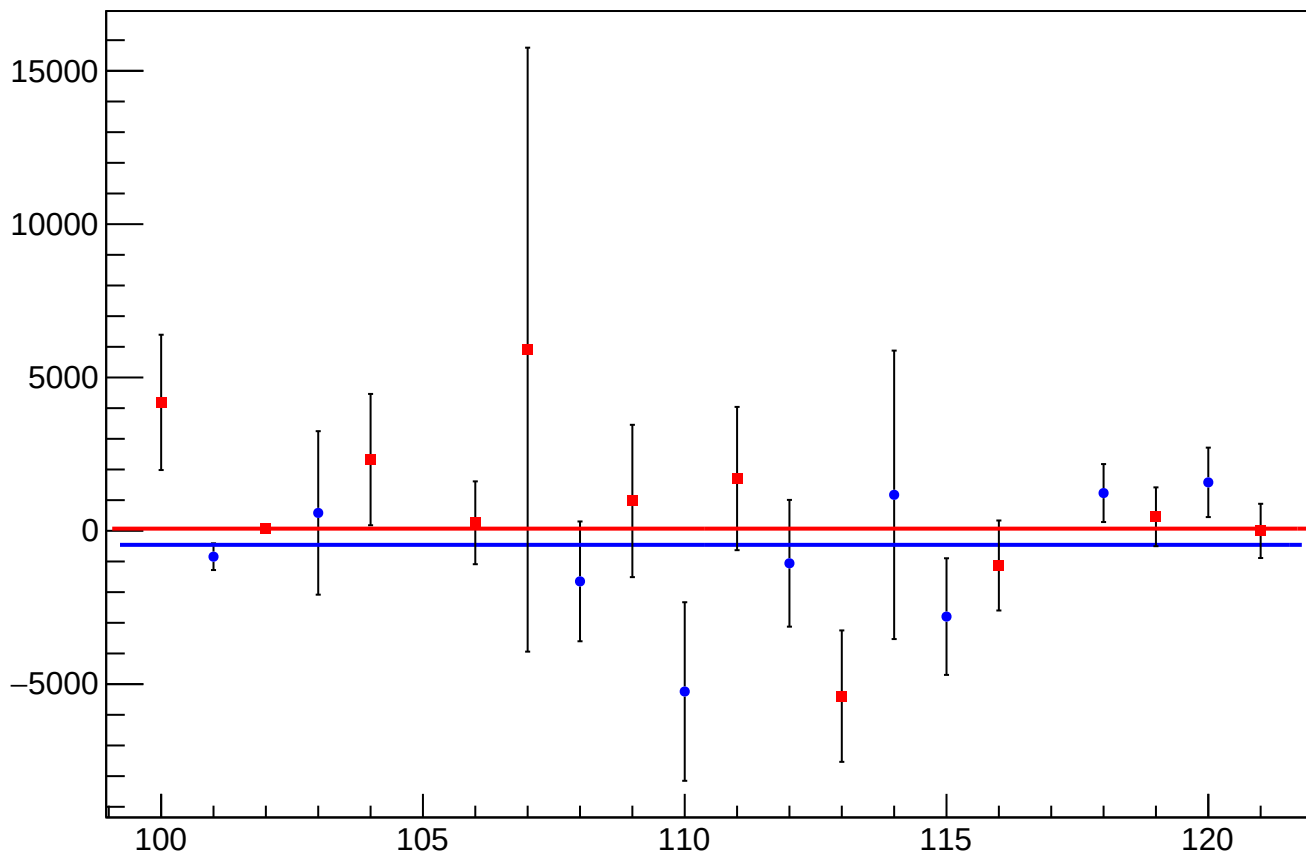
Right: 1629.800+/-0.405 χ^2/NDF : 245815.5/19

In: 1588.246+/-0.590 χ^2/NDF : 111217.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.800+/-0.405 χ^2/NDF : 245815.5/19

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -457.595+/-348.135 χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.086+/-132.352 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

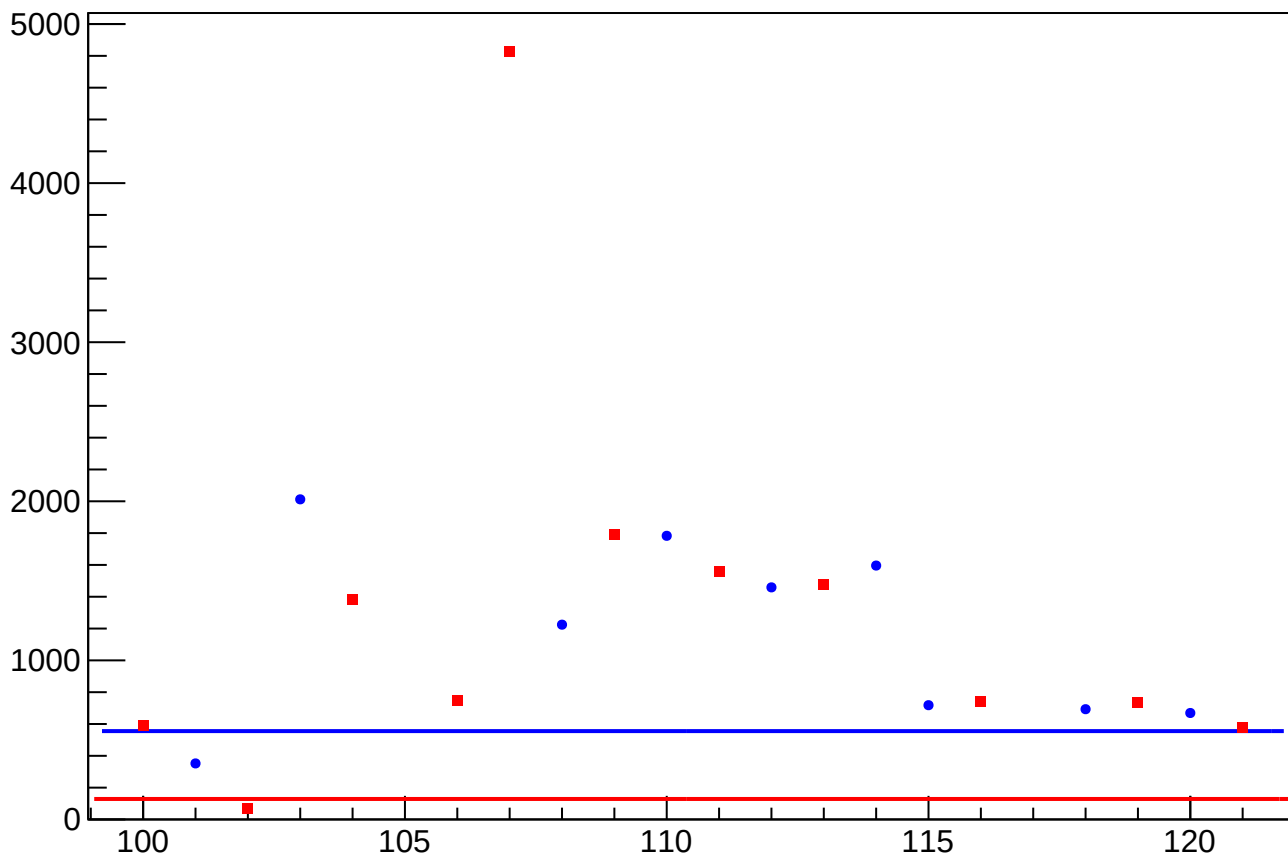
Right: 4.324+/-123.713 χ^2/NDF : 27.1/19

In: -457.595+/-348.135 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.324+/-123.713 χ^2/NDF : 27.1/19

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 555.394+/-0.246 χ^2/NDF : 2180439.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.791+/-0.094 χ^2/NDF : 6123983.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

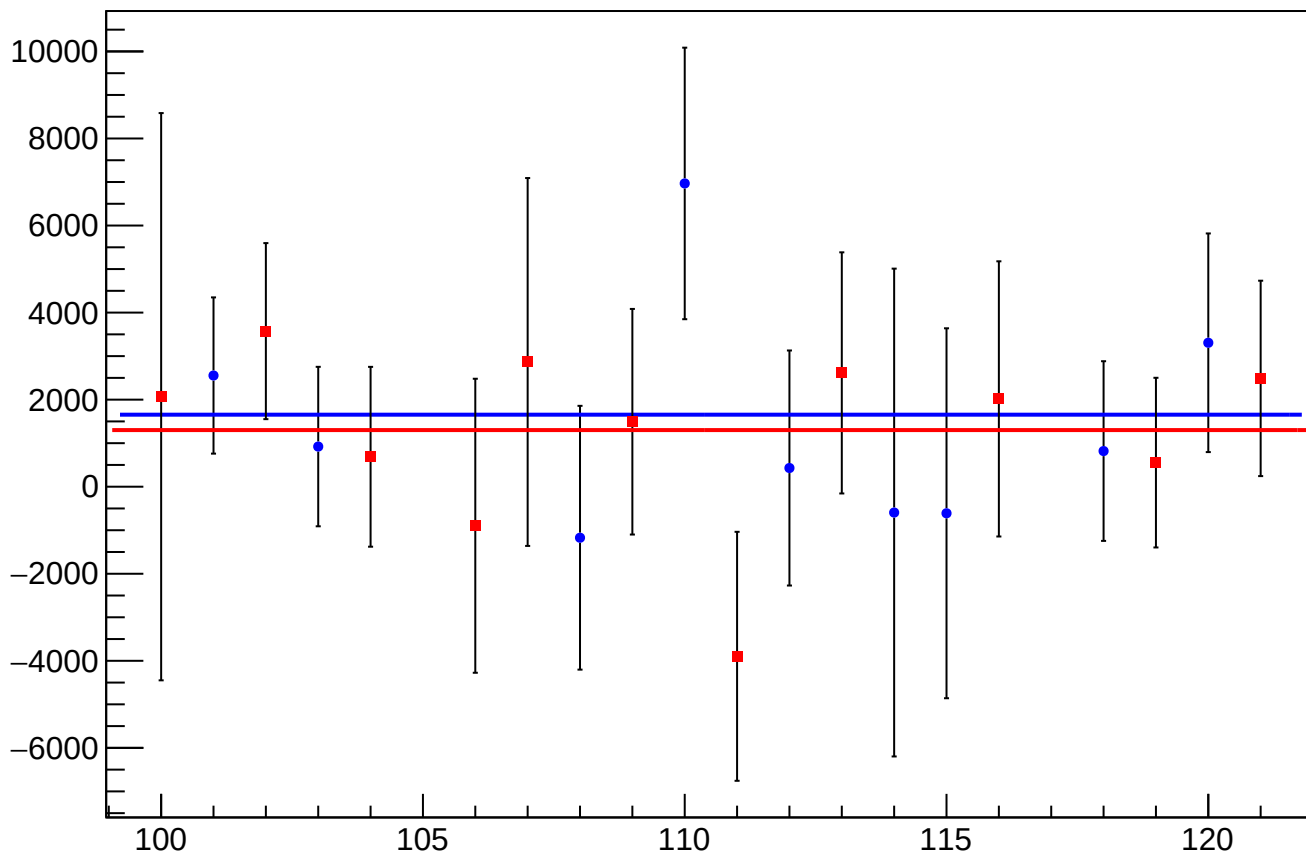
Right: 182.662+/-0.087 χ^2/NDF : 10928374.9/19

In: 555.394+/-0.246 χ^2/NDF : 2180439.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.662+/-0.087 χ^2/NDF : 10928374.9/19

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1654.548+/-833.951 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.801+/-788.264 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

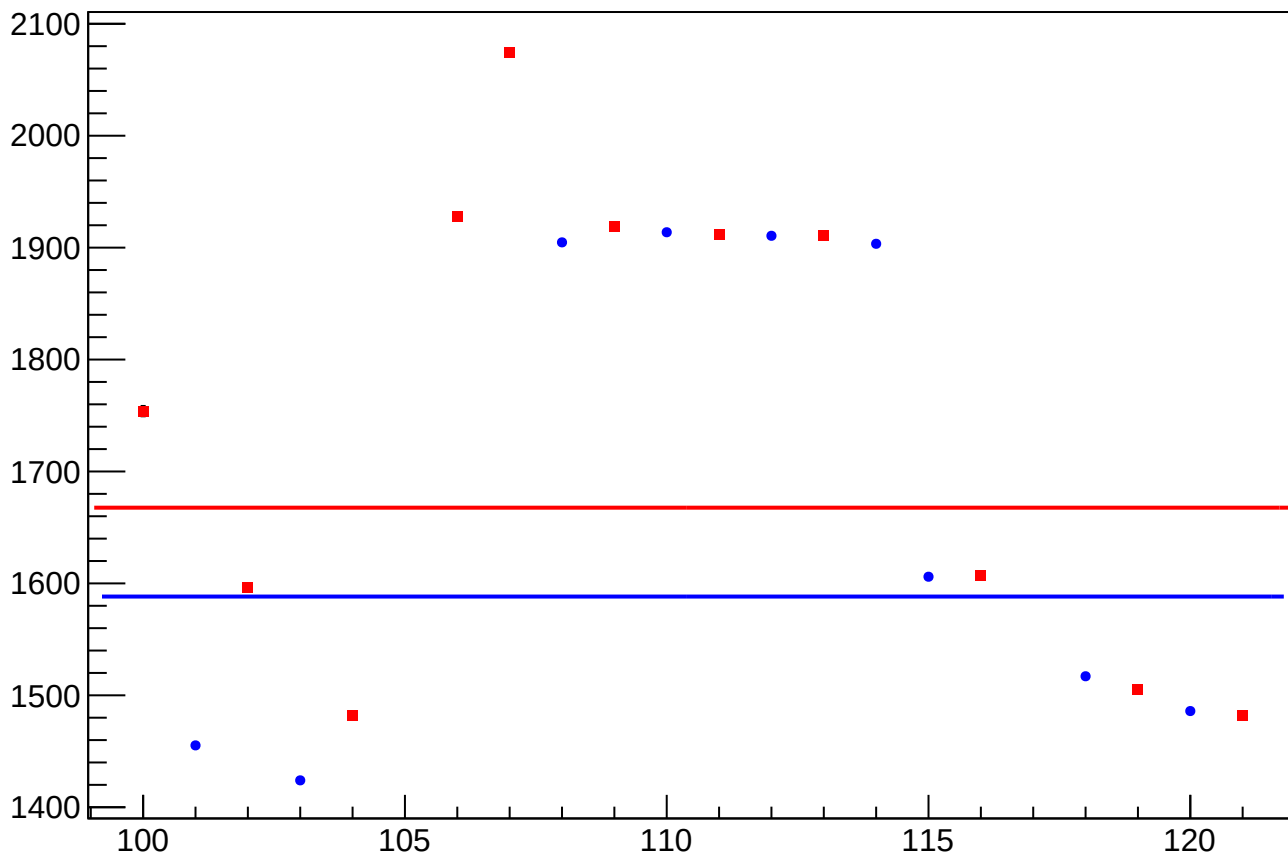
Right: 1467.720+/-572.858 χ^2/NDF : 11.5/19

In: 1654.548+/-833.951 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.720+/-572.858 χ^2/NDF : 11.5/19

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.659+/-0.557 χ^2/NDF : 126604.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

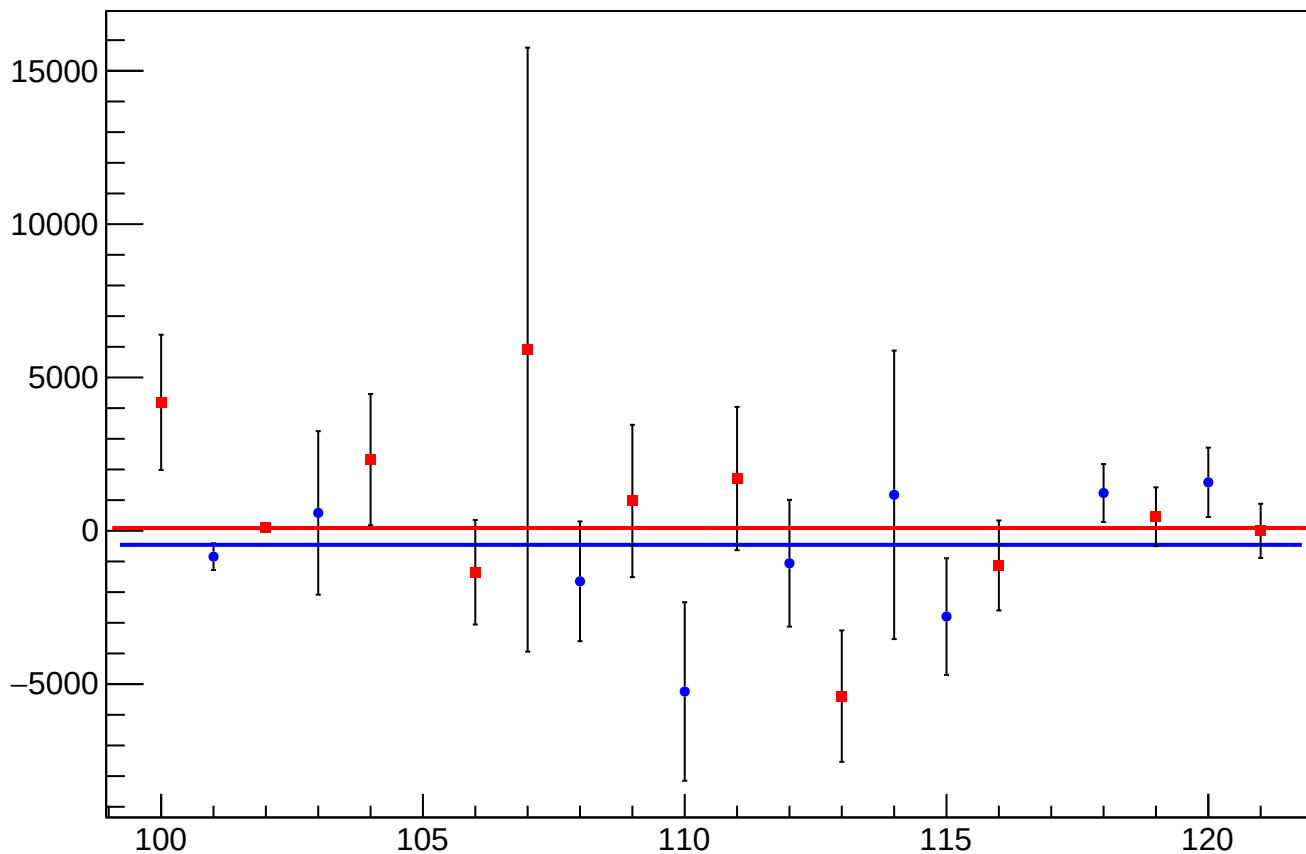
Right: 1630.188+/-0.405 χ^2/NDF : 247400.2/19

In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.188+/-0.405 χ^2/NDF : 247400.2/19

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.399+/-144.081 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

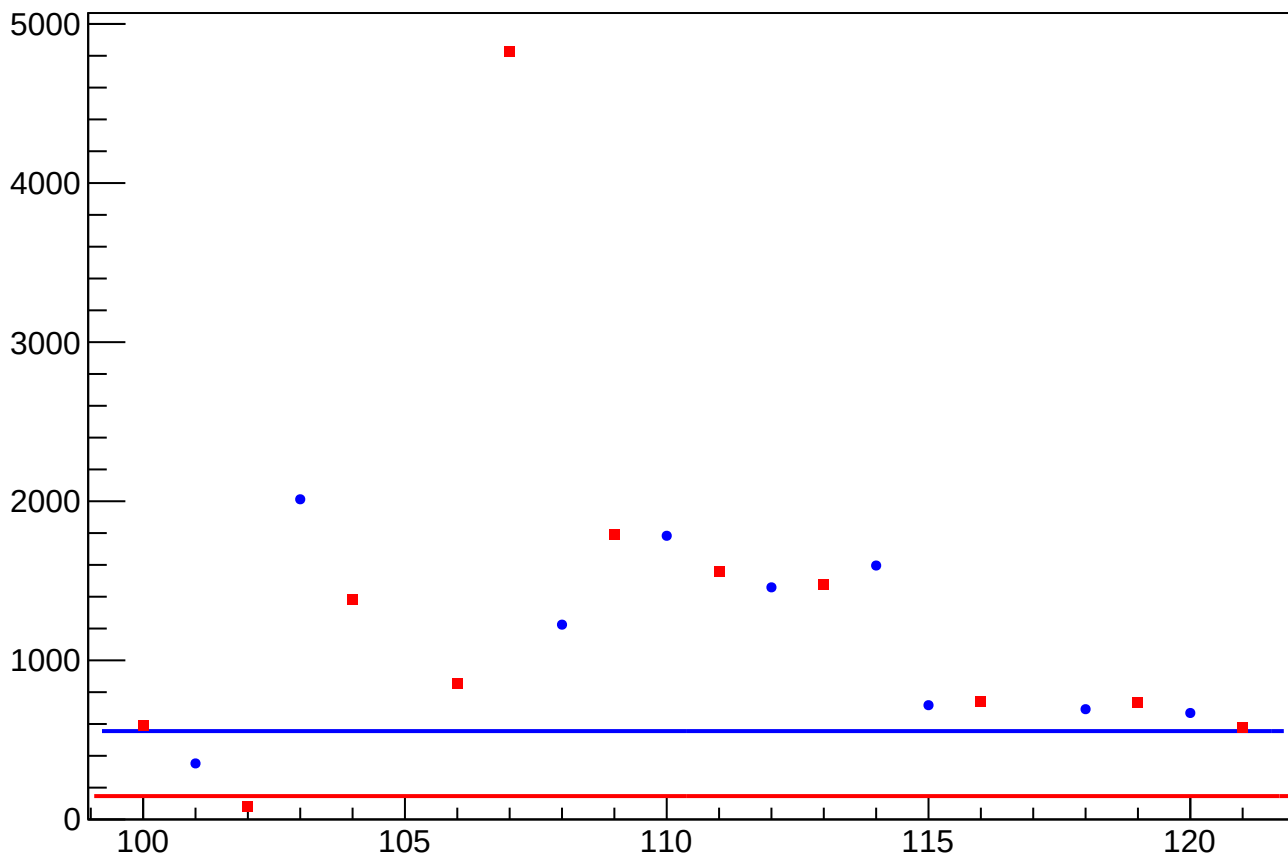
Right: 11.116+/-133.130 χ^2/NDF : 27.9/19

In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.116+/-133.130 χ^2/NDF : 27.9/19

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.851+/-0.102 χ^2/NDF : 5877112.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

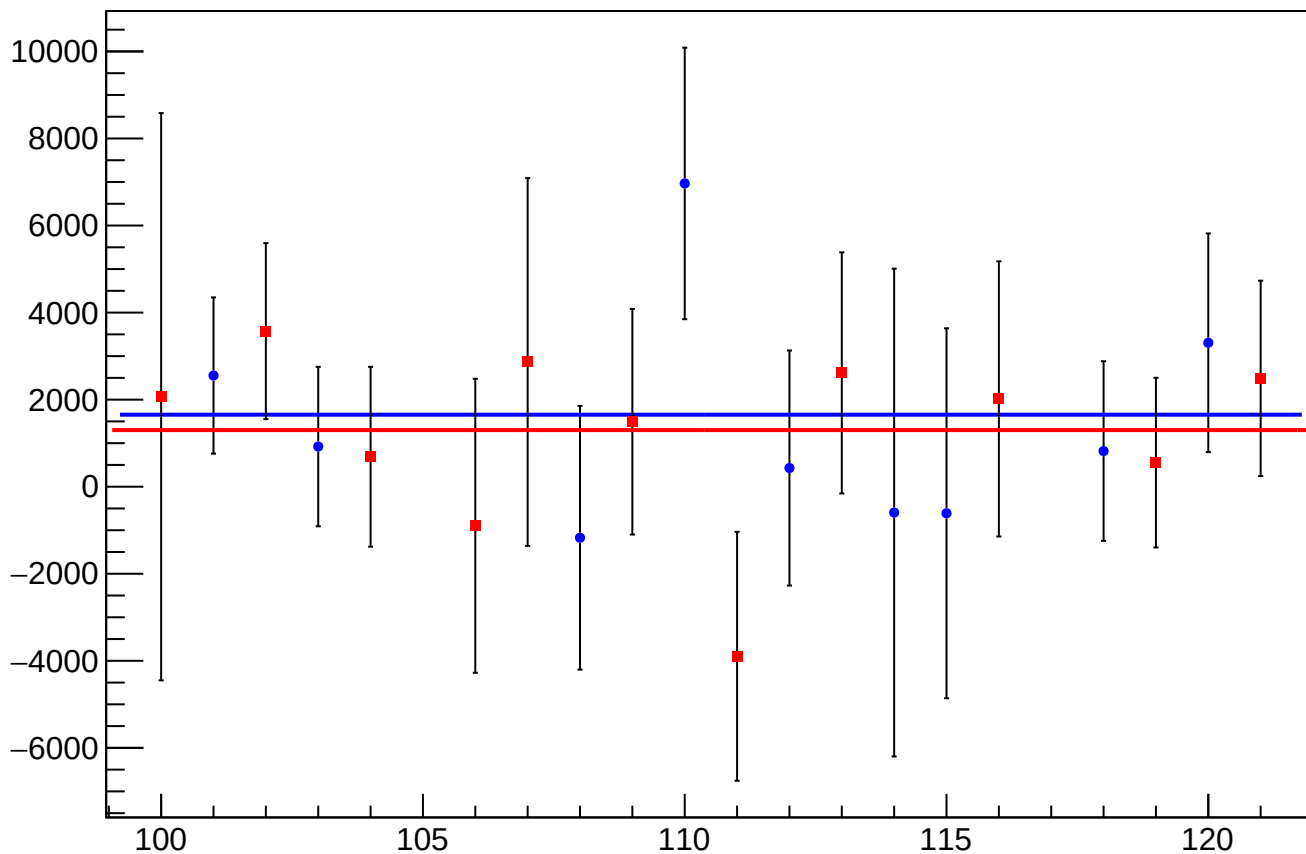
Right: 206.594+/-0.094 χ^2/NDF : 10409052.9/19

In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.594+/-0.094 χ^2/NDF : 10409052.9/19

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1654.548+/-833.951 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.801+/-788.264 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

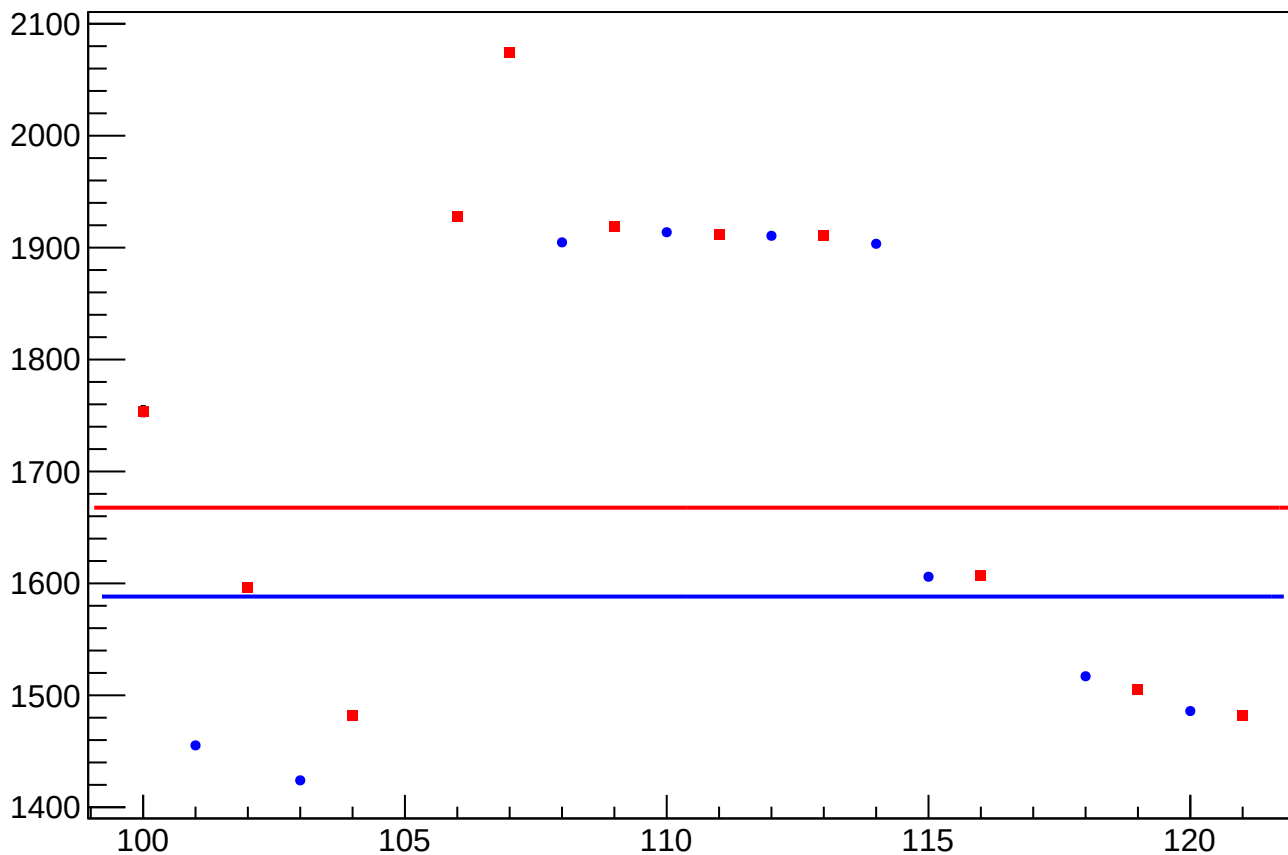
Right: 1467.720+/-572.858 χ^2/NDF : 11.5/19

In: 1654.548+/-833.951 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.720+/-572.858 χ^2/NDF : 11.5/19

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.659+/-0.557 χ^2/NDF : 126604.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

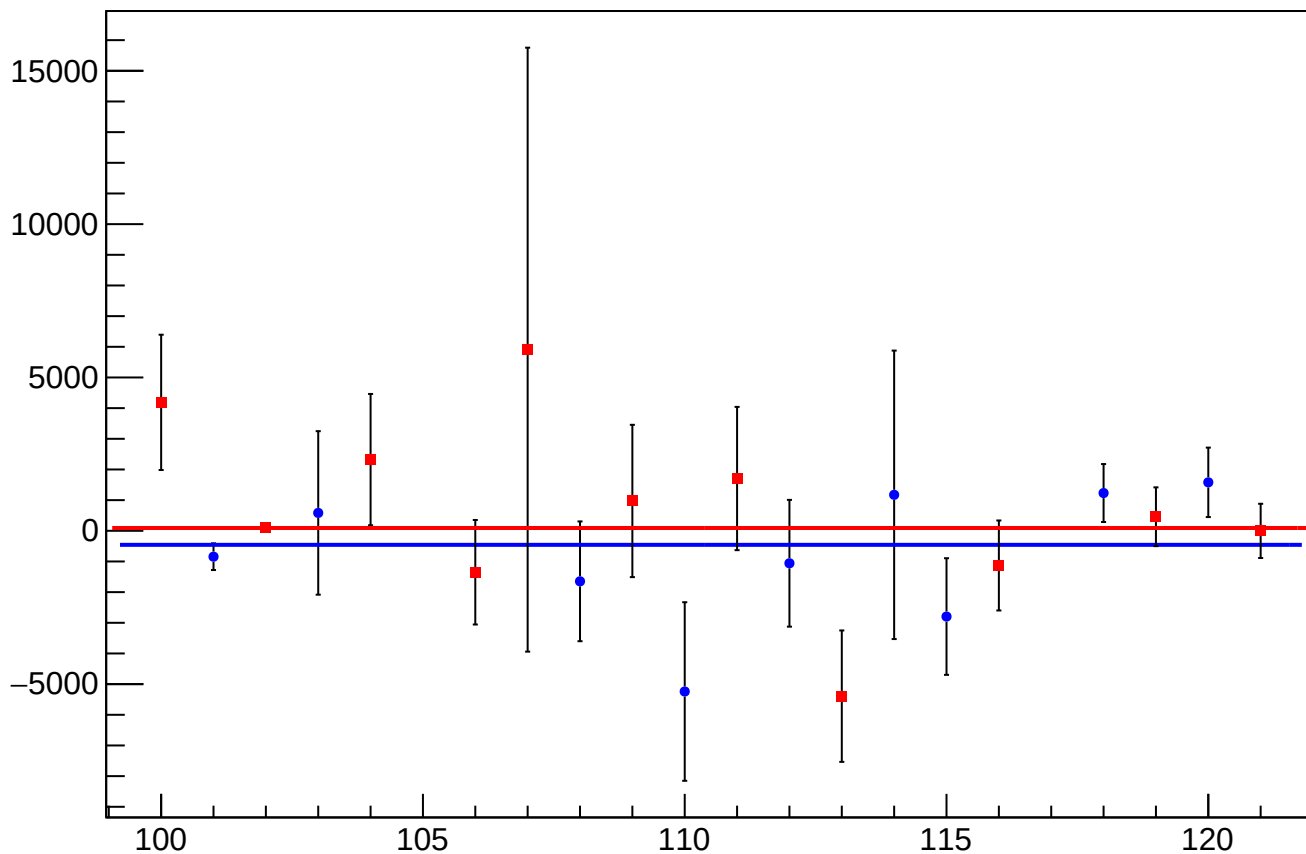
Right: 1630.188+/-0.405 χ^2/NDF : 247400.2/19

In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.188+/-0.405 χ^2/NDF : 247400.2/19

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.399+/-144.081 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

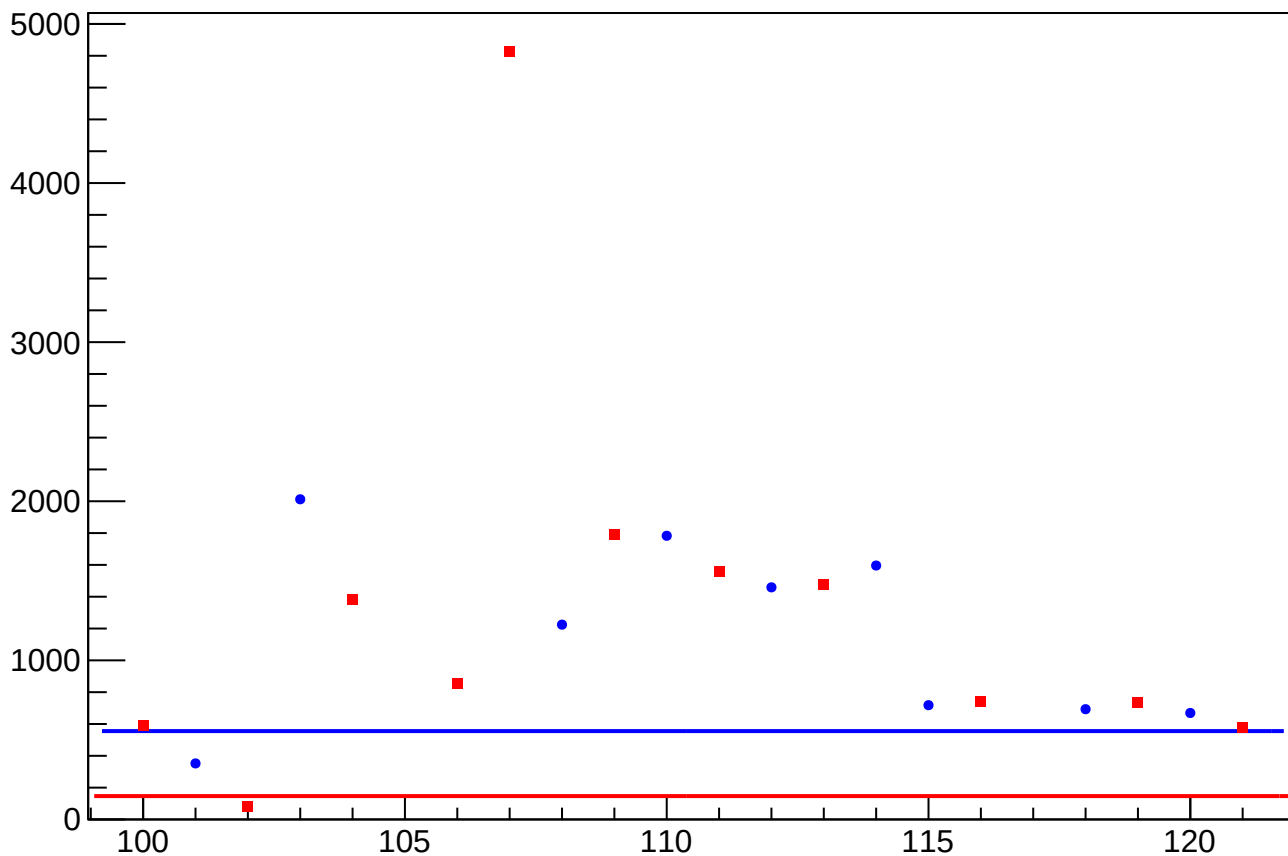
Right: 11.116+/-133.130 χ^2/NDF : 27.9/19

In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.116+/-133.130 χ^2/NDF : 27.9/19

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.851+/-0.102 χ^2/NDF : 5877112.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

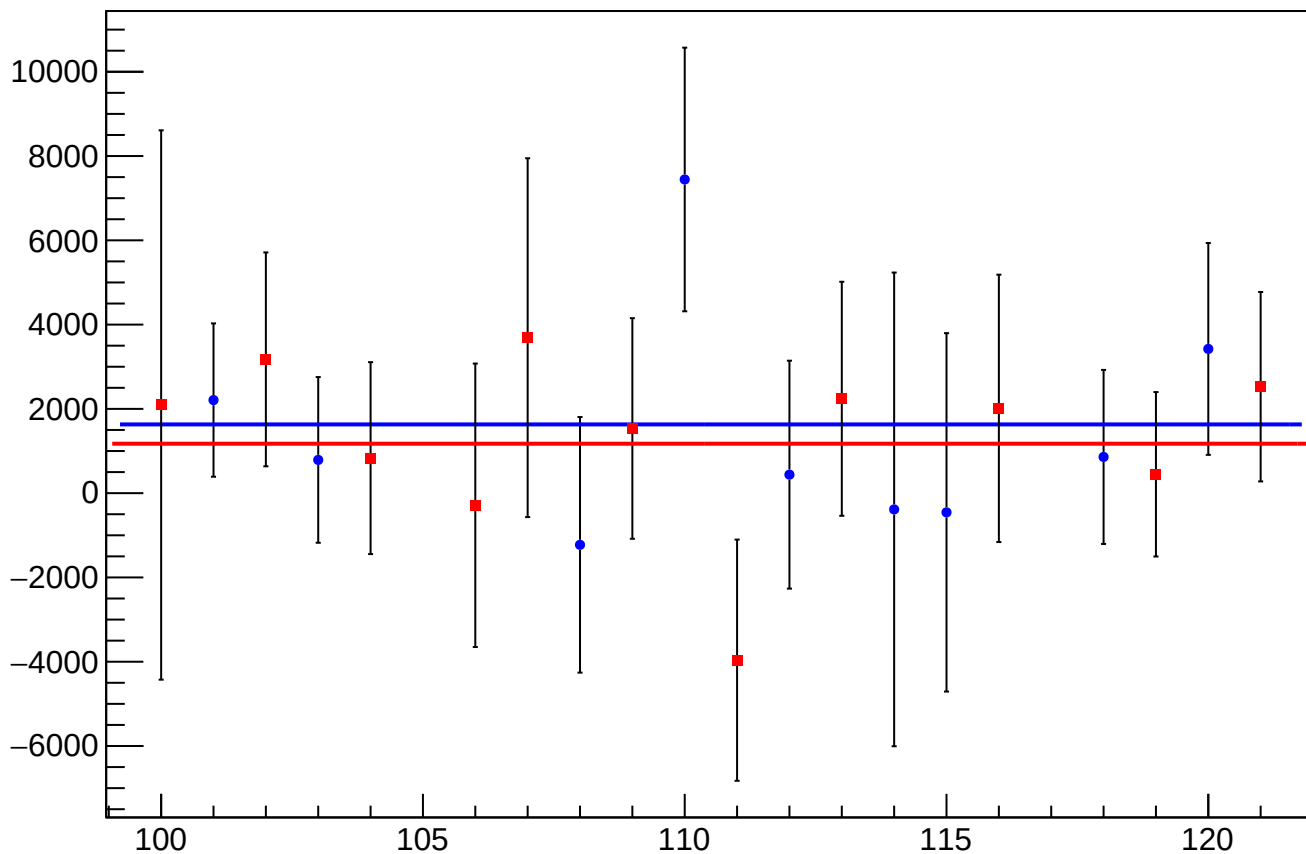
Right: 206.594+/-0.094 χ^2/NDF : 10409052.9/19

In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.594+/-0.094 χ^2/NDF : 10409052.9/19

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1631.397+/-848.764 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.722+/-823.951 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

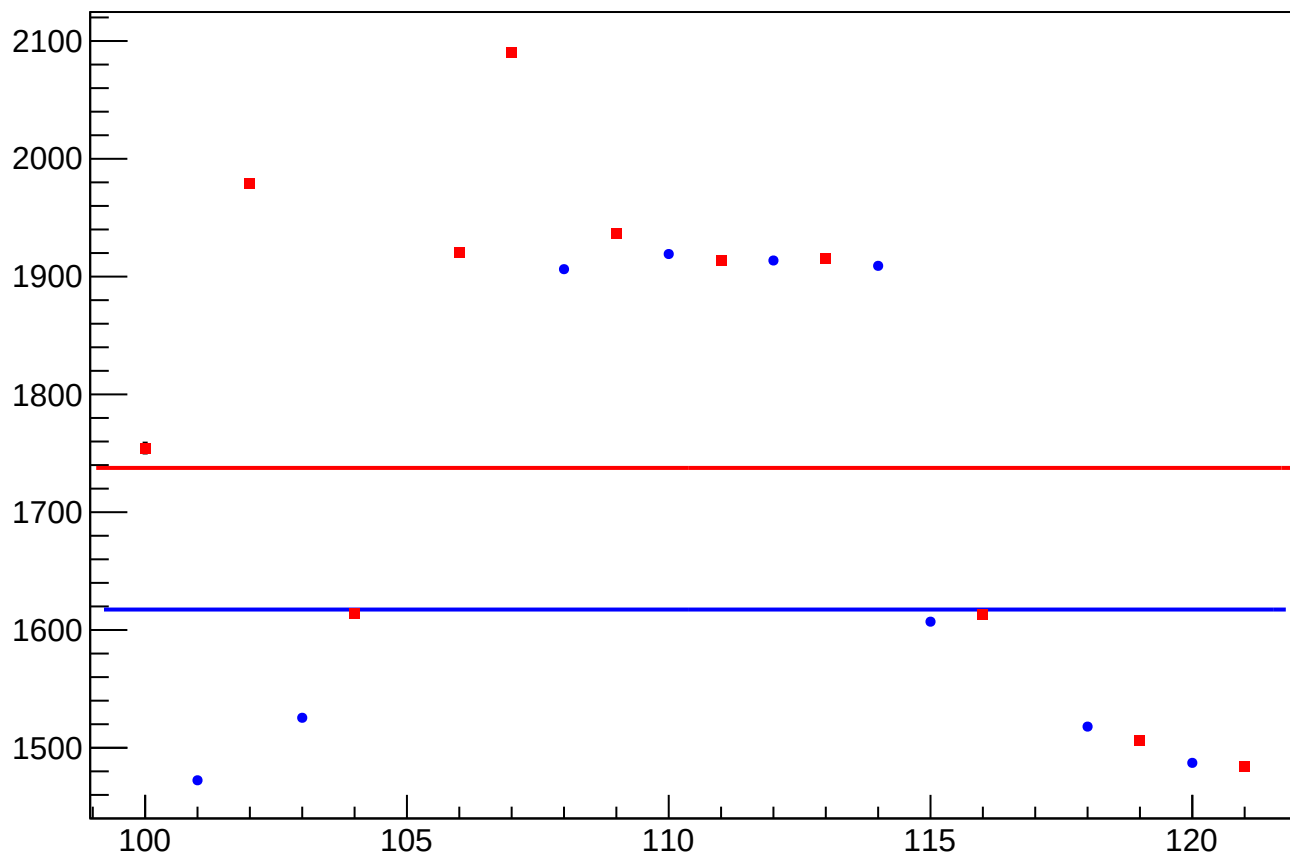
Right: 1395.772+/-591.199 χ^2/NDF : 11.1/19

In: 1631.397+/-848.764 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.772+/-591.199 χ^2/NDF : 11.1/19

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1617.362+/-0.600 χ^2/NDF : 93238.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.590+/-0.583 χ^2/NDF : 127666.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

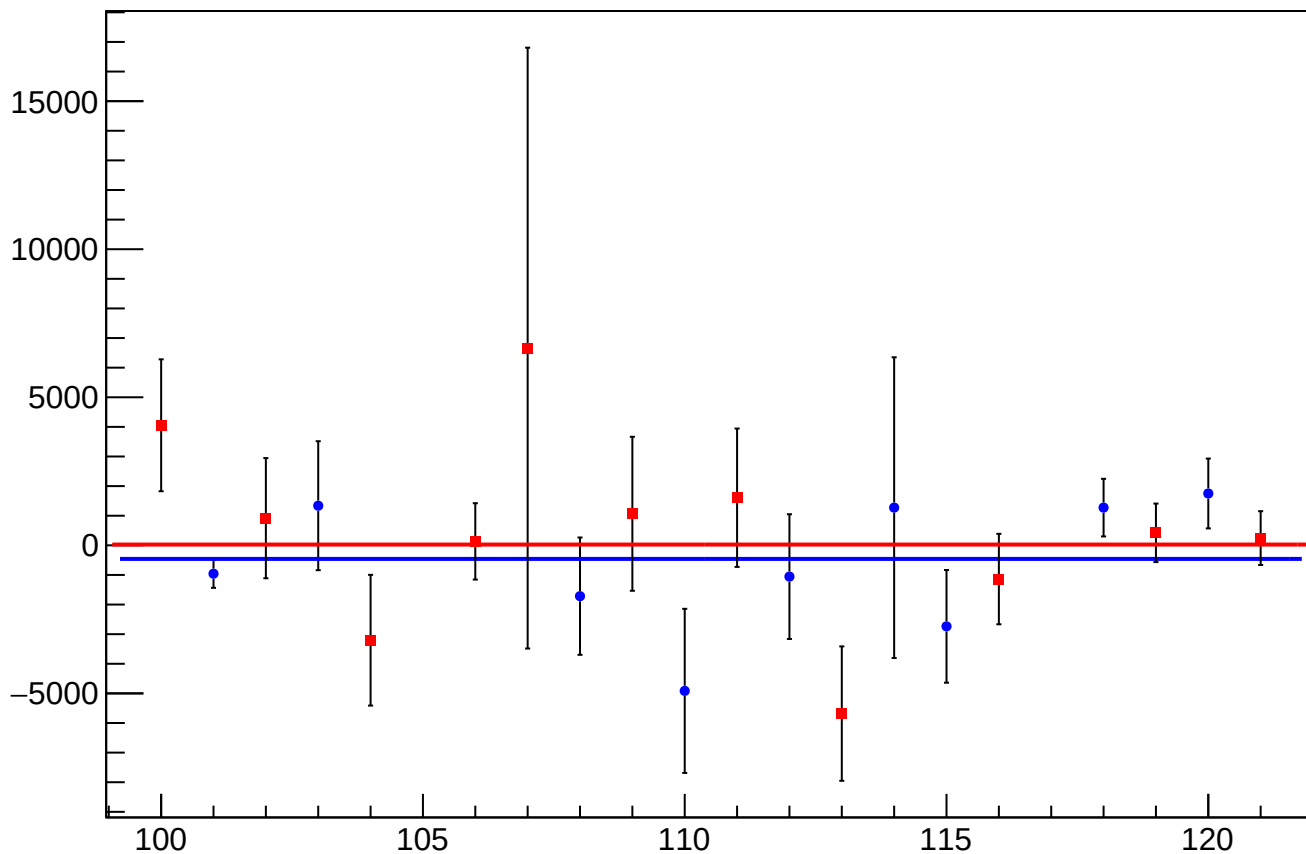
Right: 1679.259+/-0.418 χ^2/NDF : 241565.0/19

In: 1617.362+/-0.600 χ^2/NDF : 93238.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.259+/-0.418 χ^2/NDF : 241565.0/19

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.457+/-369.904 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.196+/-474.091 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

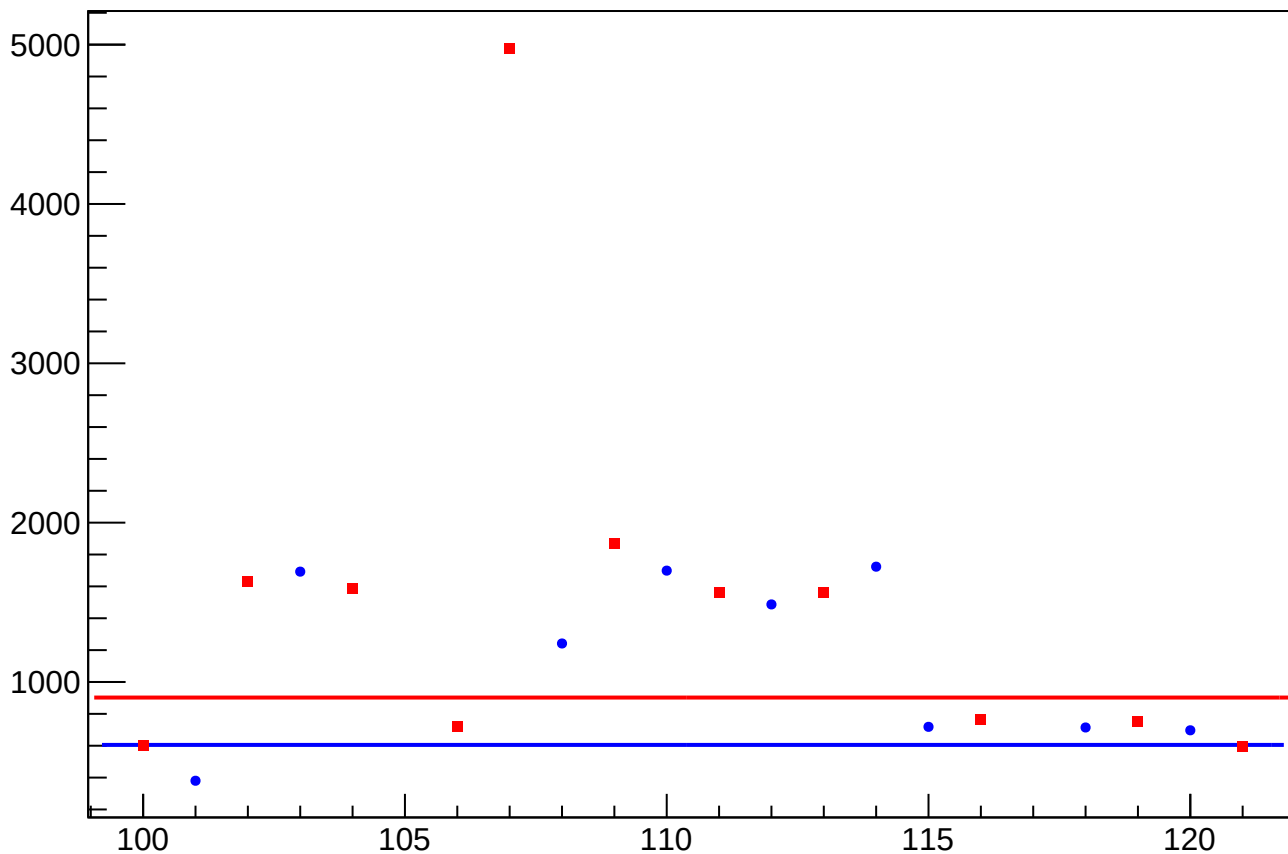
Right: -275.061+/-291.637 χ^2/NDF : 27.5/19

In: -458.457+/-369.904 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.061+/-291.637 χ^2/NDF : 27.5/19

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.097+/-0.262 χ^2/NDF : 1953666.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.334+/-0.335 χ^2/NDF : 1737902.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

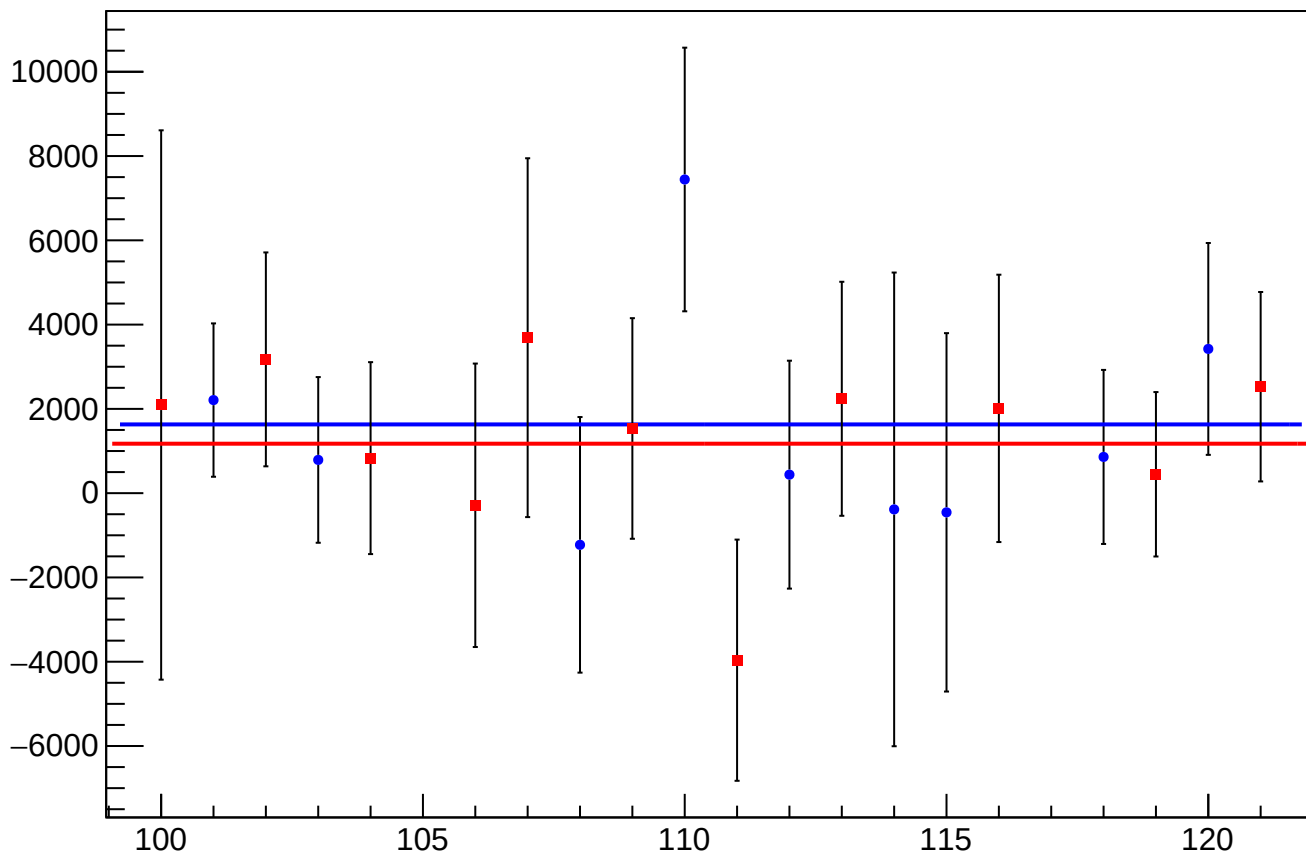
Right: 717.574+/-0.206 χ^2/NDF : 4180240.7/19

In: 605.097+/-0.262 χ^2/NDF : 1953666.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.574+/-0.206 χ^2/NDF : 4180240.7/19

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1631.393+/-848.763 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.719+/-823.951 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

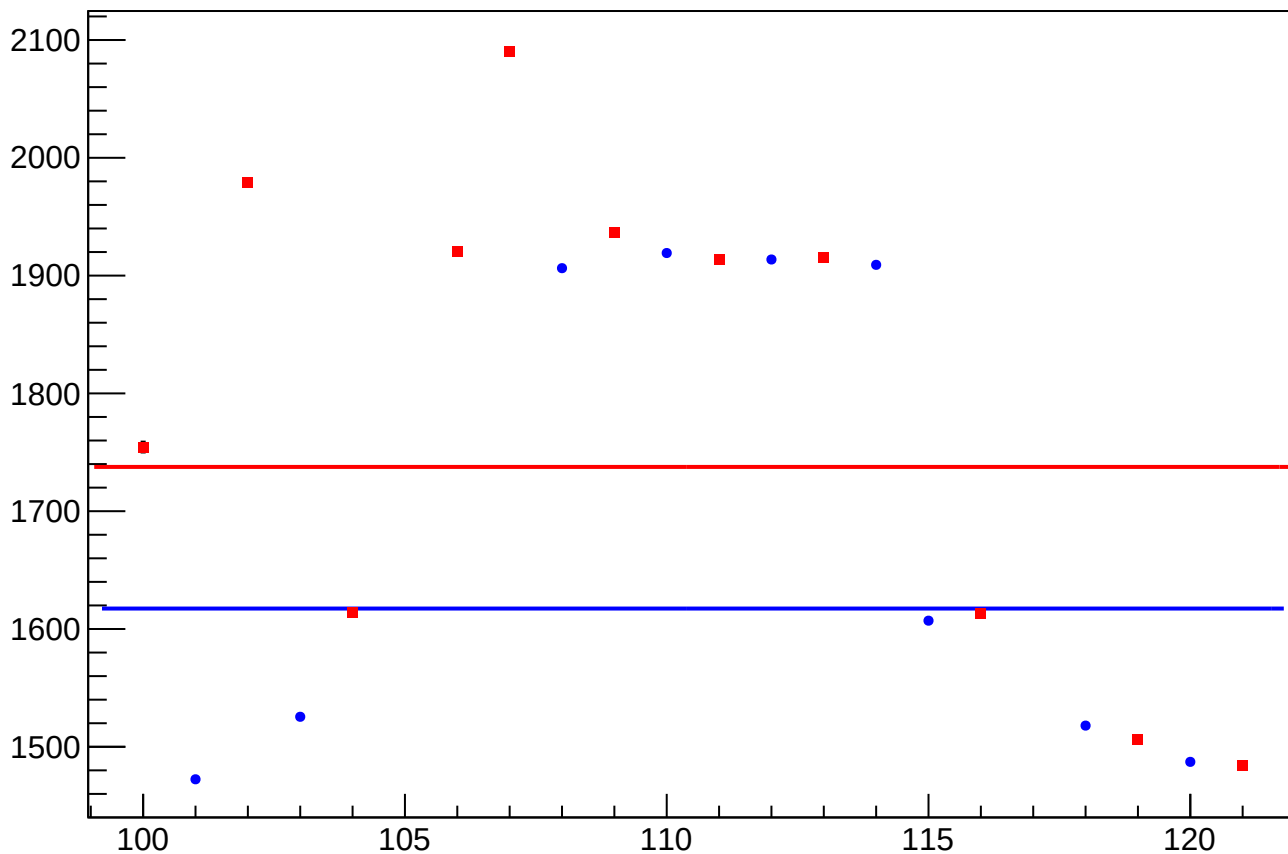
Right: 1395.768+/-591.198 χ^2/NDF : 11.1/19

In: 1631.393+/-848.763 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.768+/-591.198 χ^2/NDF : 11.1/19

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1617.362+/-0.600 χ^2/NDF : 93238.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.589+/-0.583 χ^2/NDF : 127667.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

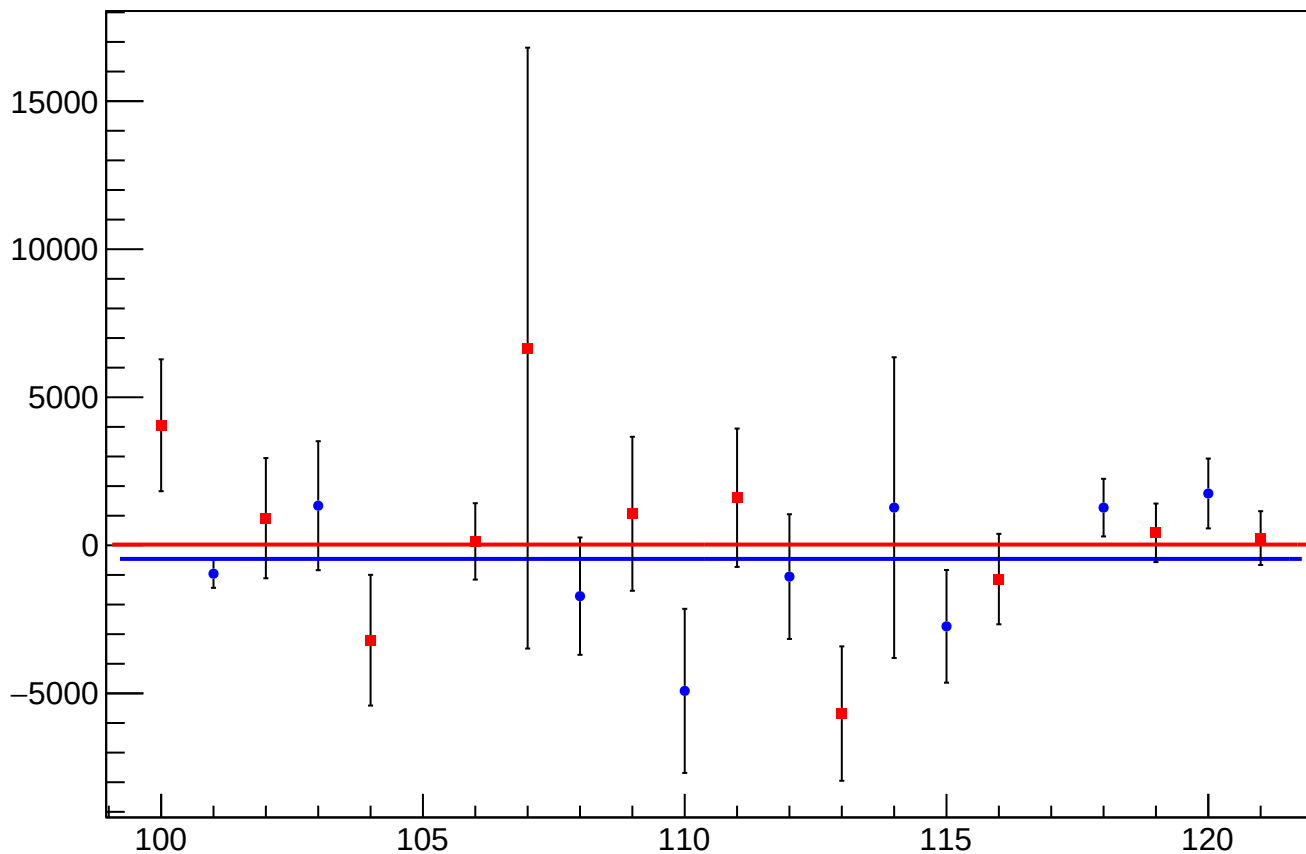
Right: 1679.258+/-0.418 χ^2/NDF : 241565.5/19

In: 1617.362+/-0.600 χ^2/NDF : 93238.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.258+/-0.418 χ^2/NDF : 241565.5/19

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.456+/-369.904 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.197+/-474.091 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

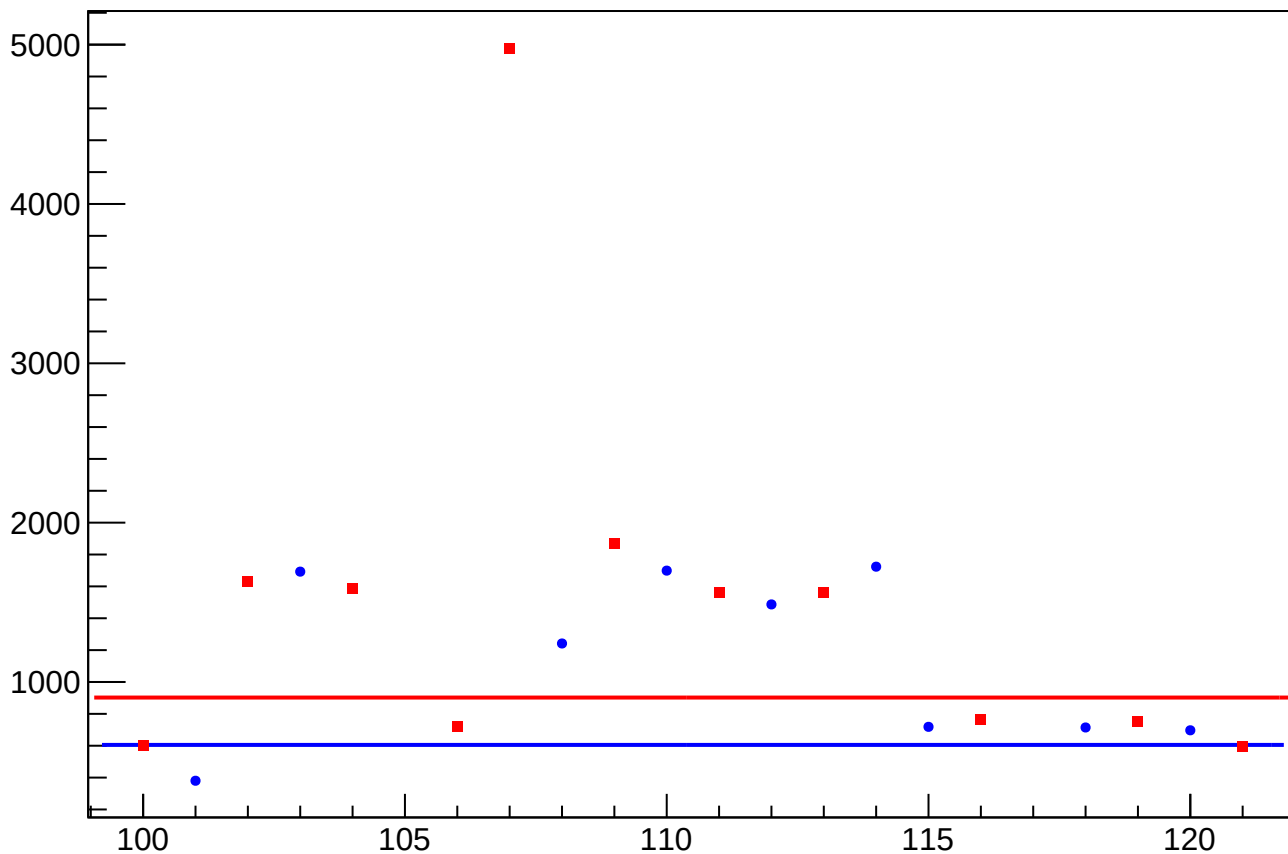
Right: -275.059+/-291.636 χ^2/NDF : 27.5/19

In: -458.456+/-369.904 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.059+/-291.636 χ^2/NDF : 27.5/19

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.098+/-0.262 χ^2/NDF : 1953660.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.332+/-0.335 χ^2/NDF : 1737910.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

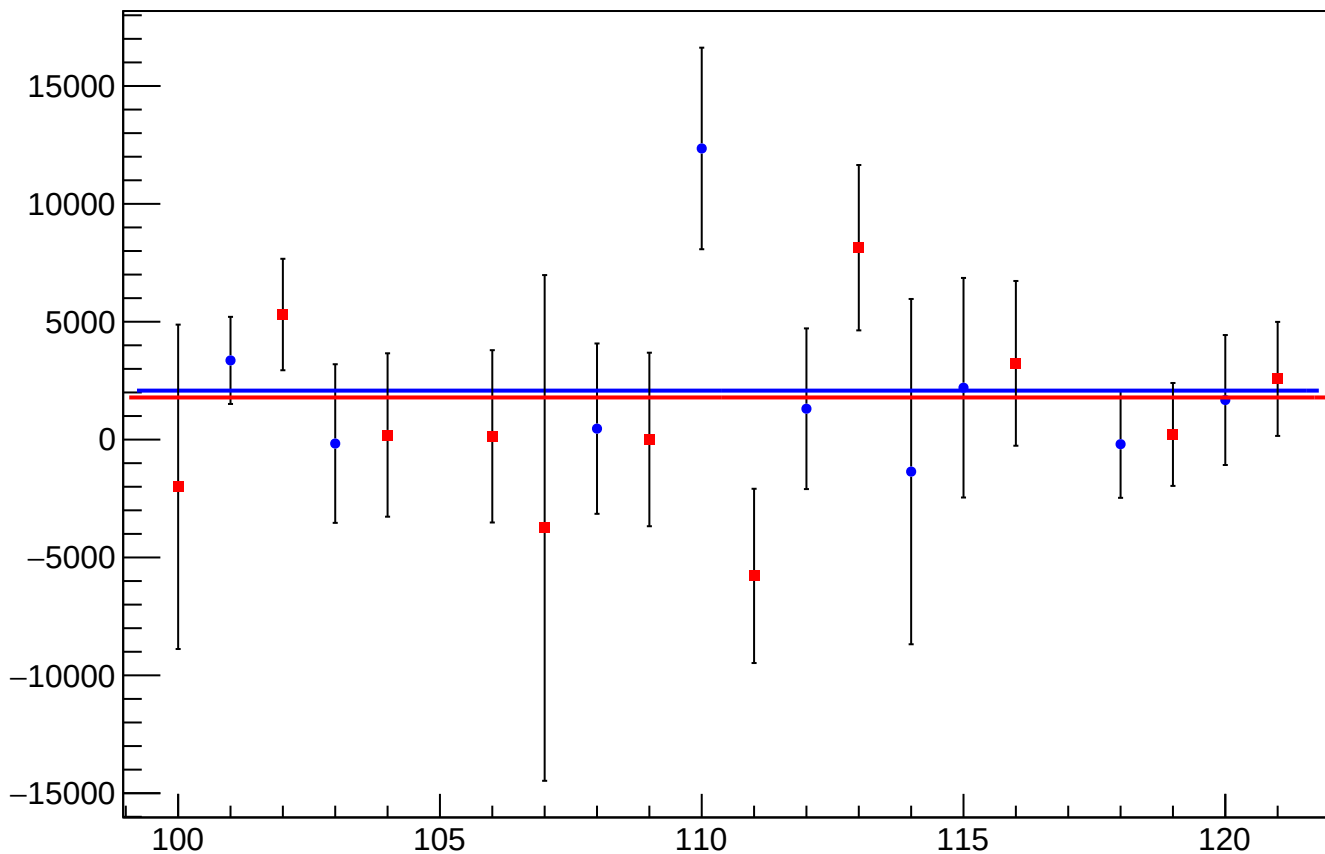
Right: 717.574+/-0.206 χ^2/NDF : 4180236.7/19

In: 605.098+/-0.262 χ^2/NDF : 1953660.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.574+/-0.206 χ^2/NDF : 4180236.7/19

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2077.989+/-1006.093 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1787.573+/-972.272 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

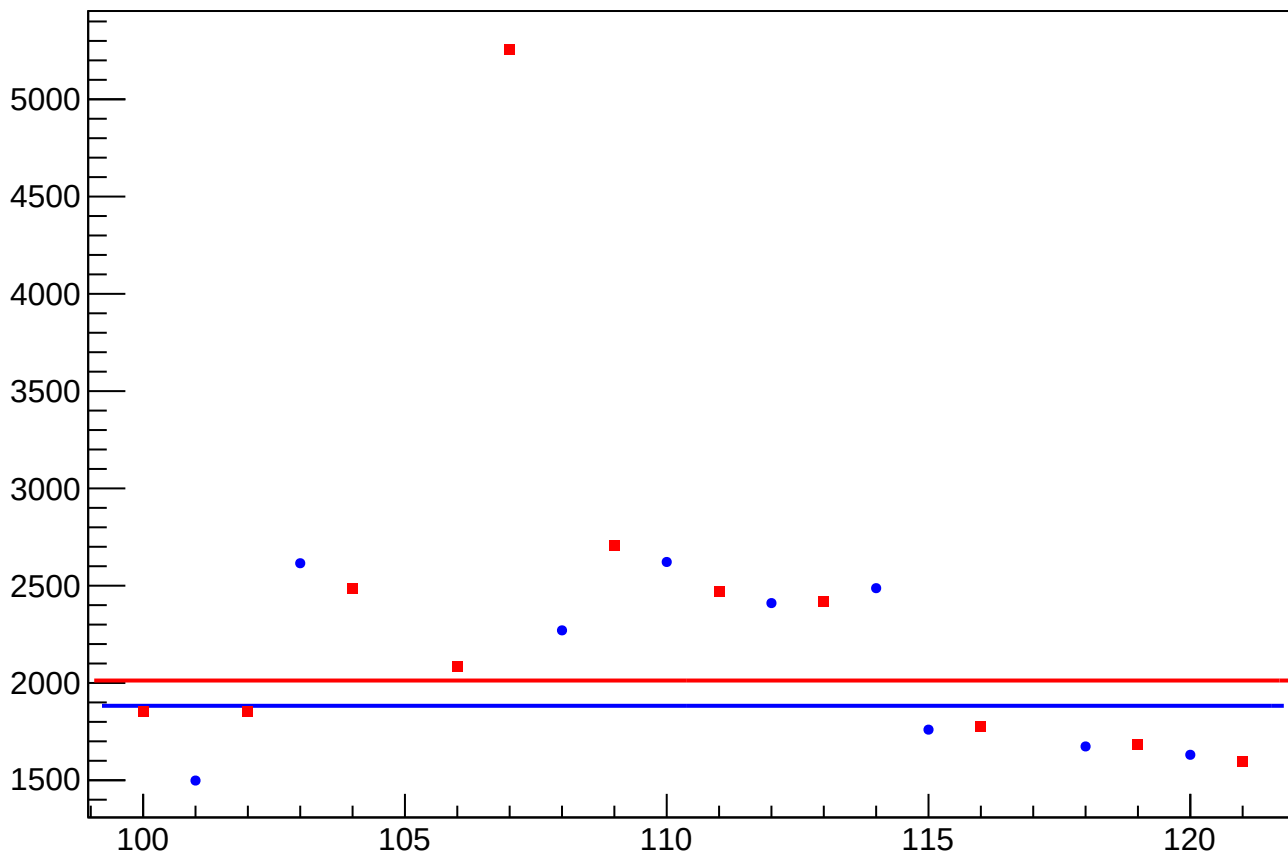
Right: 1927.818+/-699.151 χ^2/NDF : 19.9/19

In: 2077.989+/-1006.093 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1927.818+/-699.151 χ^2/NDF : 19.9/19

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1882.646+/-0.711 χ^2/NDF : 360705.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2012.551+/-0.688 χ^2/NDF : 473590.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

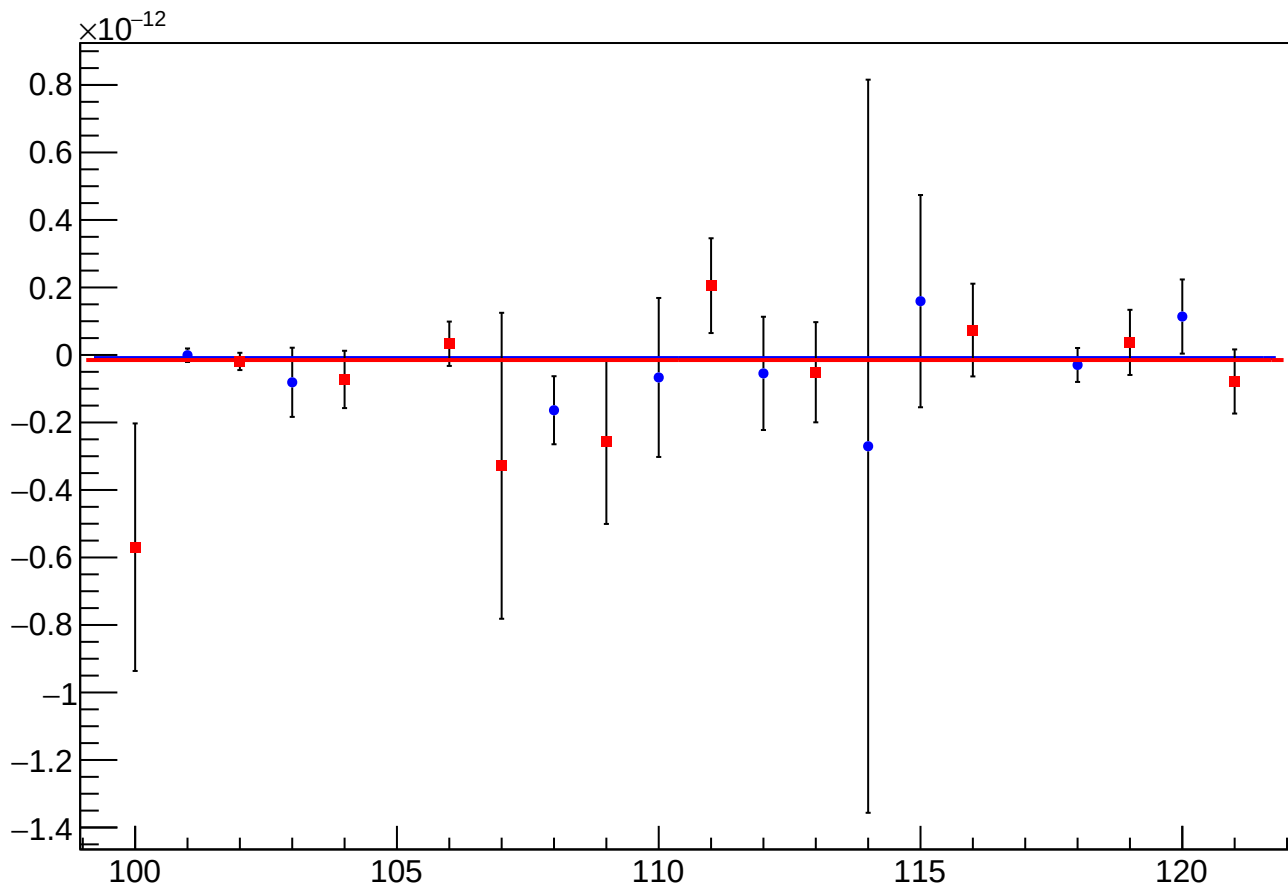
Right: 1949.818+/-0.494 χ^2/NDF : 851537.4/19

In: 1882.646+/-0.711 χ^2/NDF : 360705.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1949.818+/-0.494 χ^2/NDF : 851537.4/19

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

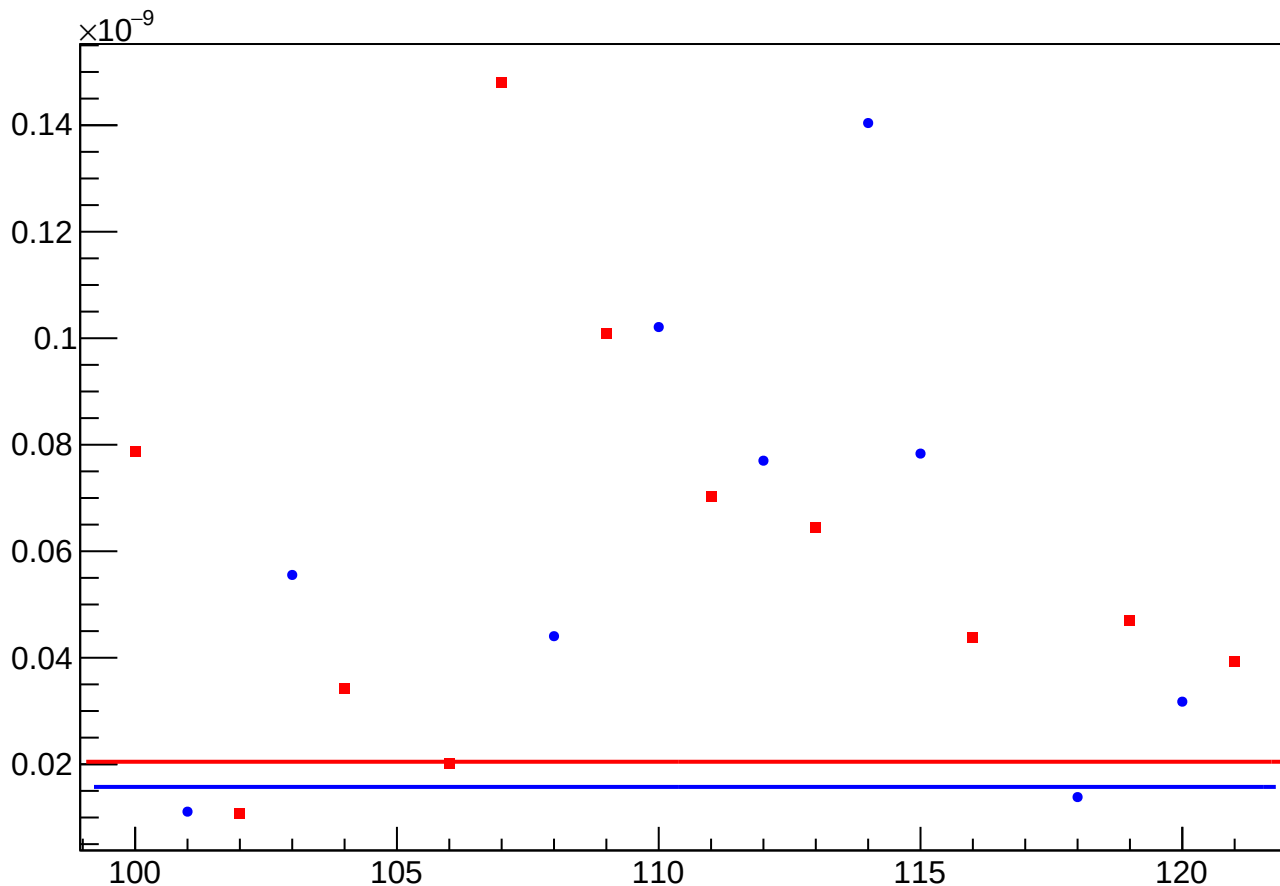
Right: -0.000+/-0.000 χ^2/NDF : 13.4/19

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.4/19

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1253716.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1485886.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

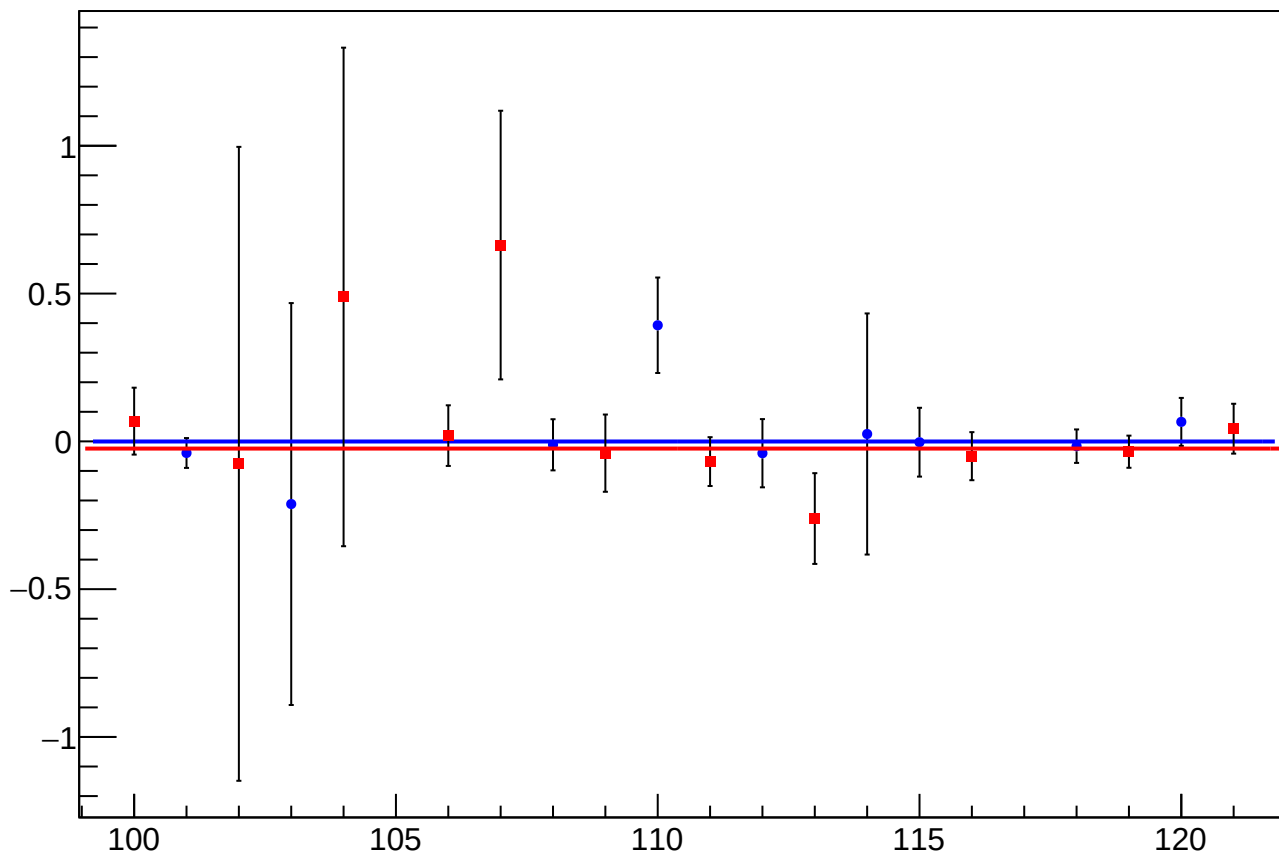
Right: 0.000+/-0.000 χ^2/NDF : 2799581.4/19

In: 0.000+/-0.000 χ^2/NDF : 1253716.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2799581.4/19

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.024+/-0.031 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

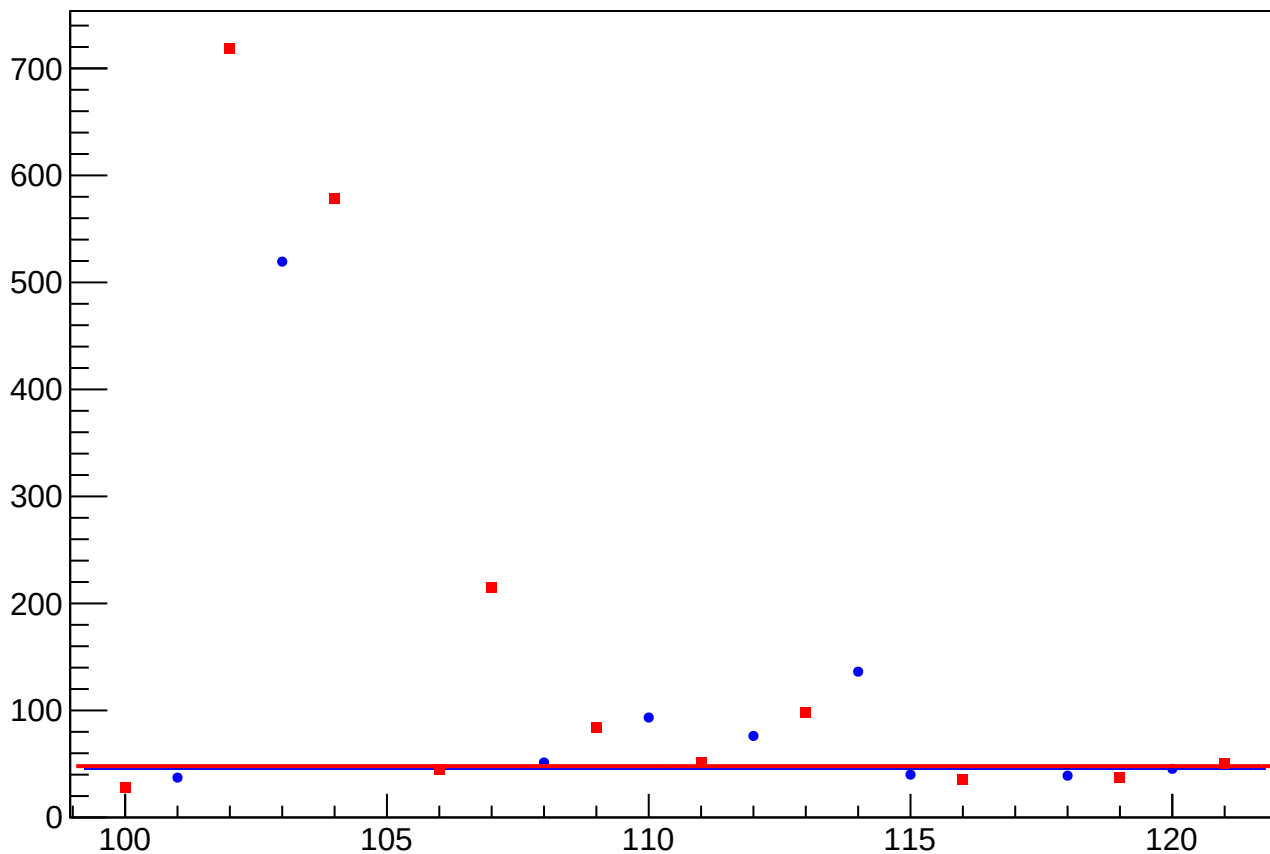
Right: -0.012+/-0.021 χ^2/NDF : 14.8/19

In: -0.000+/-0.029 χ^2/NDF :7.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.021 χ^2/NDF : 14.8/19

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480396.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396325.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

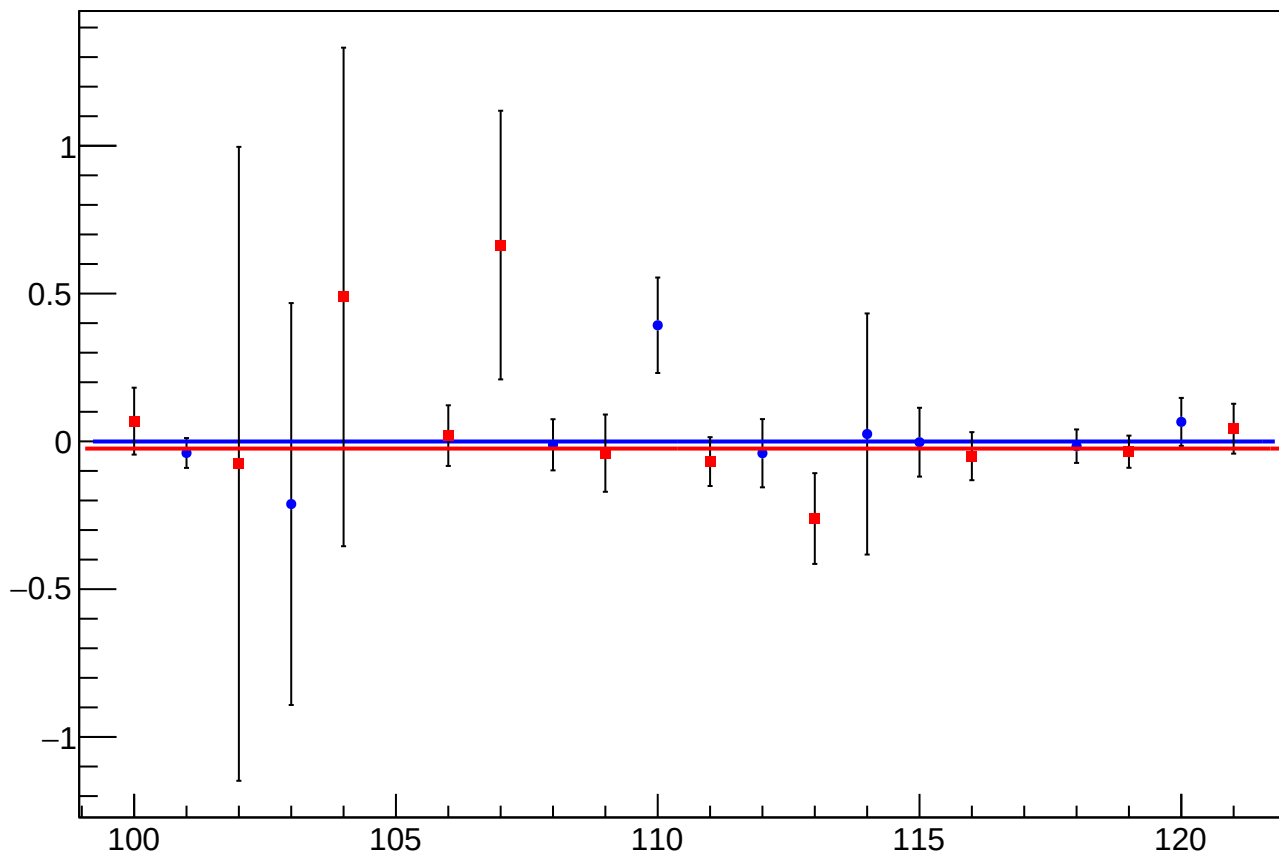
Right: 47.013+/-0.015 χ^2/NDF : 3880130.0/19

In: 46.189+/-0.021 χ^2/NDF :1480396.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.013+/-0.015 χ^2/NDF : 3880130.0/19

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.031 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

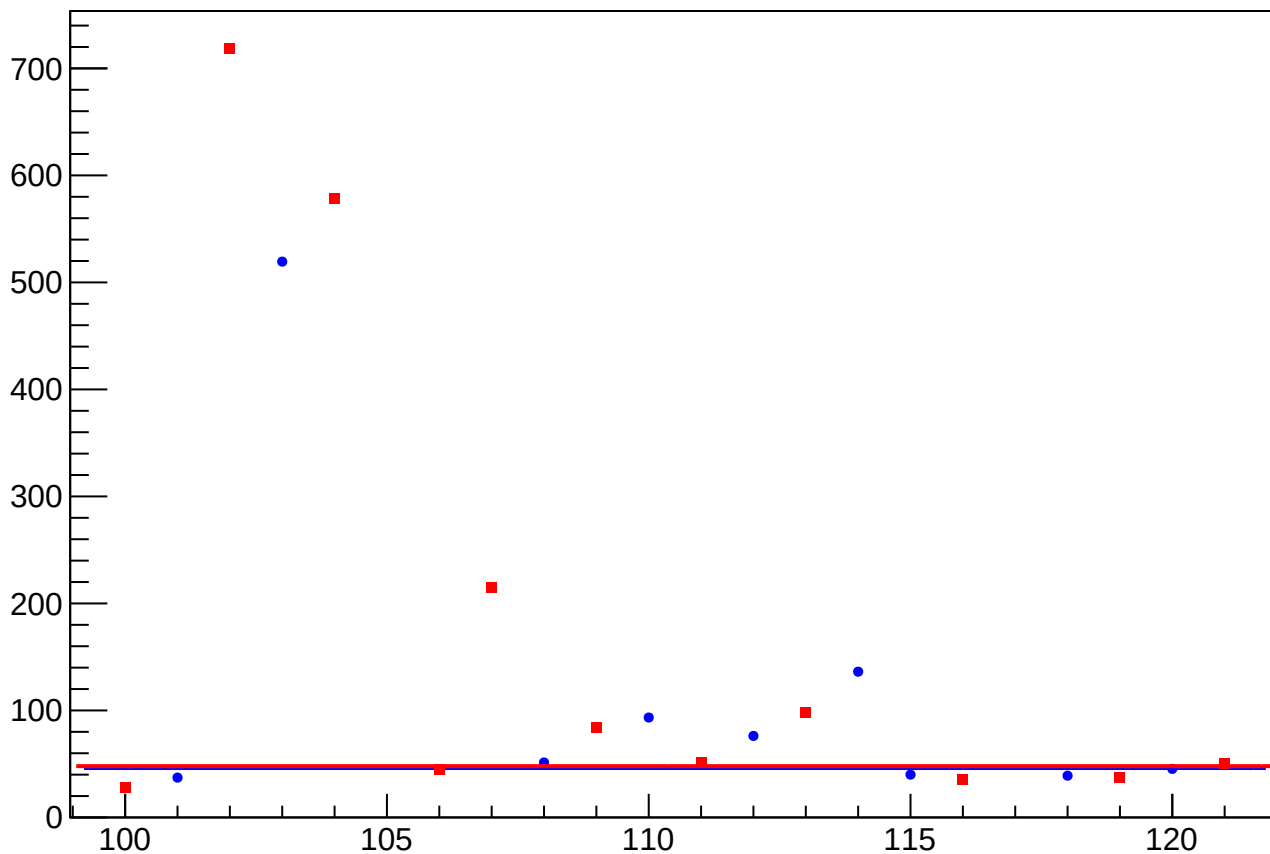
Right: -0.012+/-0.021 χ^2/NDF : 14.8/19

In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.021 χ^2/NDF : 14.8/19

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189 $\pm$ 0.021 χ^2 /NDF: 1480396.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.935 $\pm$ 0.022 χ^2 /NDF: 2396325.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

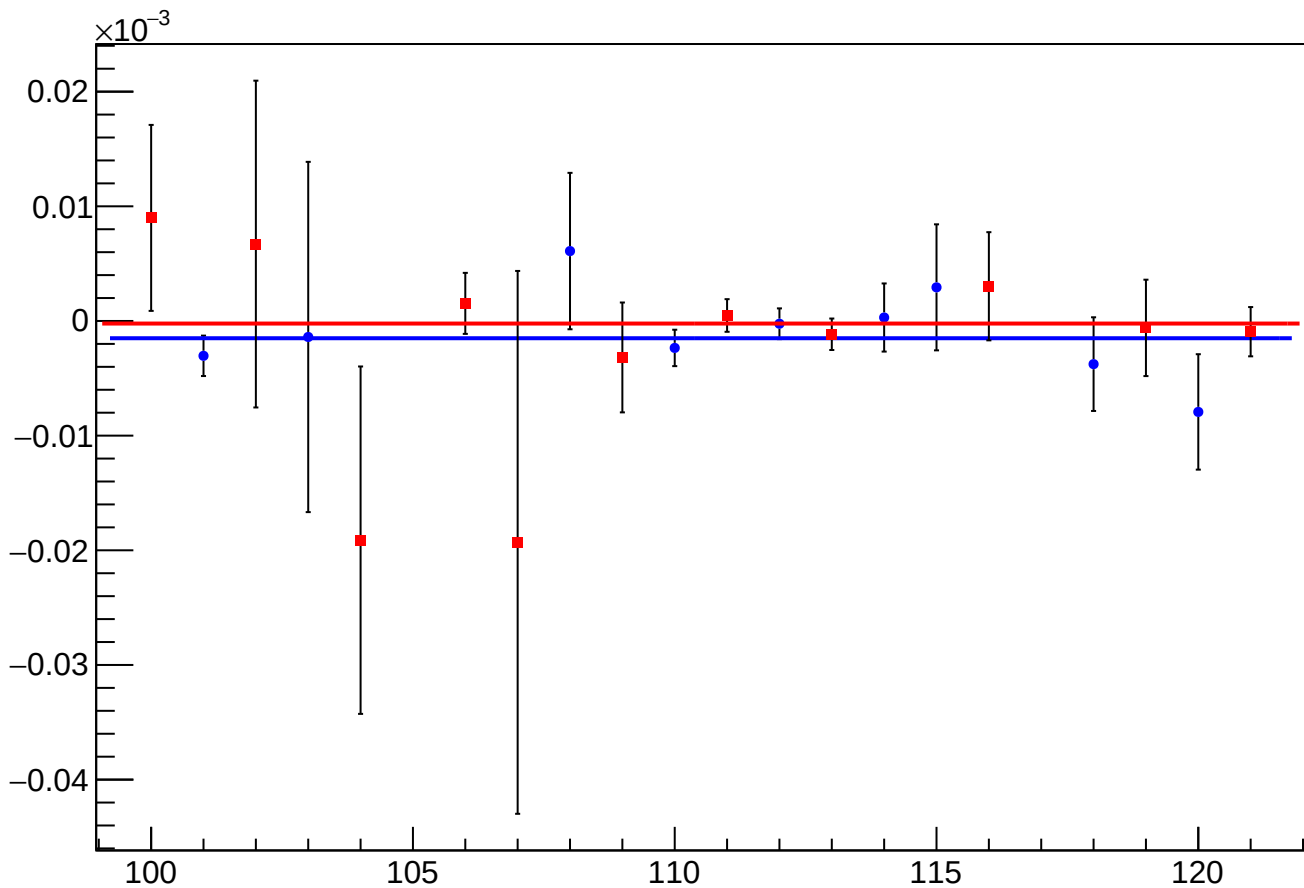
Right: 47.013 $\pm$ 0.015 χ^2 /NDF: 3880130.0/19

In: 46.189 $\pm$ 0.021 χ^2 /NDF:1480396.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.013 $\pm$ 0.015 χ^2 /NDF: 3880130.0/19

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 6.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 5.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

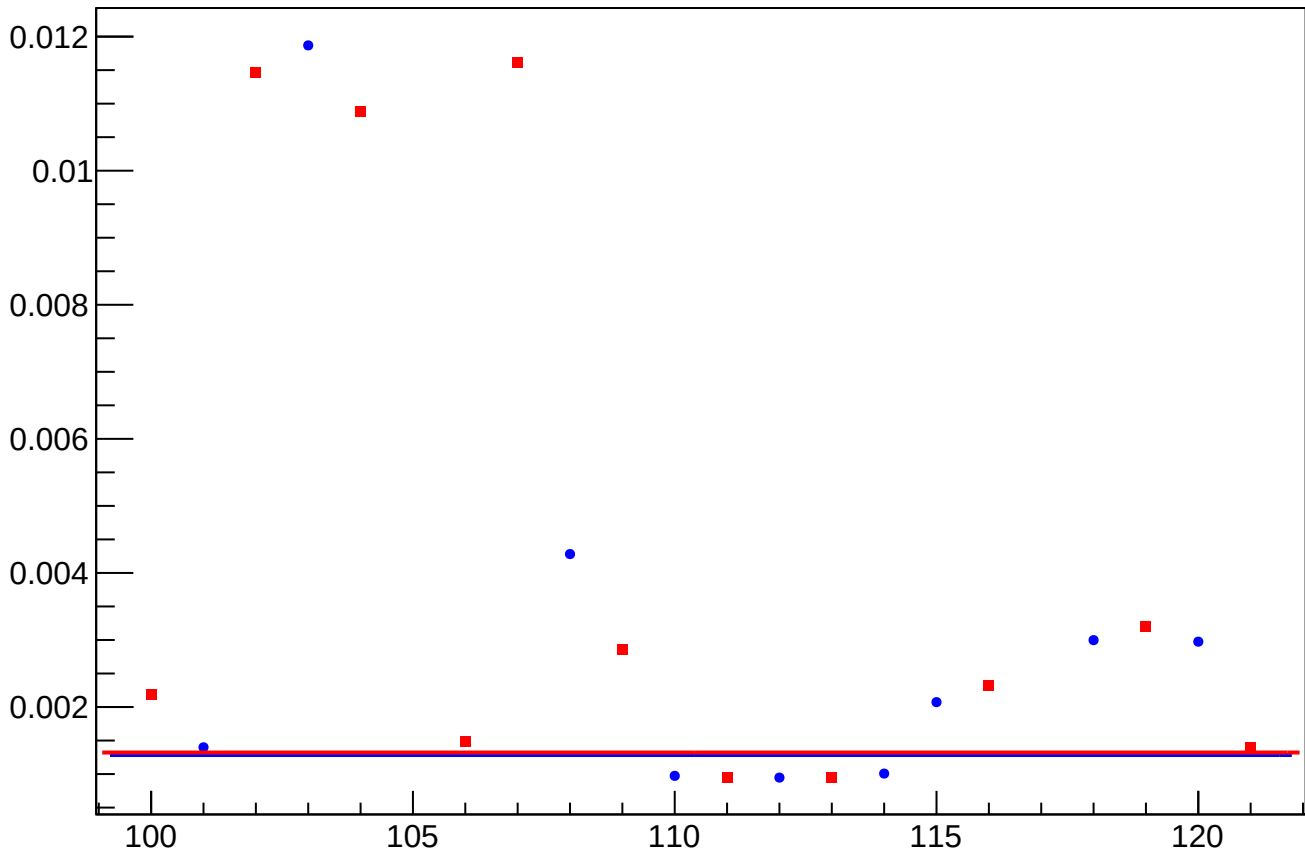
Right: -0.000 ± 0.000 χ^2/NDF : 13.3/19

In: -0.000 ± 0.000 χ^2/NDF : 6.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 13.3/19

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2194230.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3202256.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

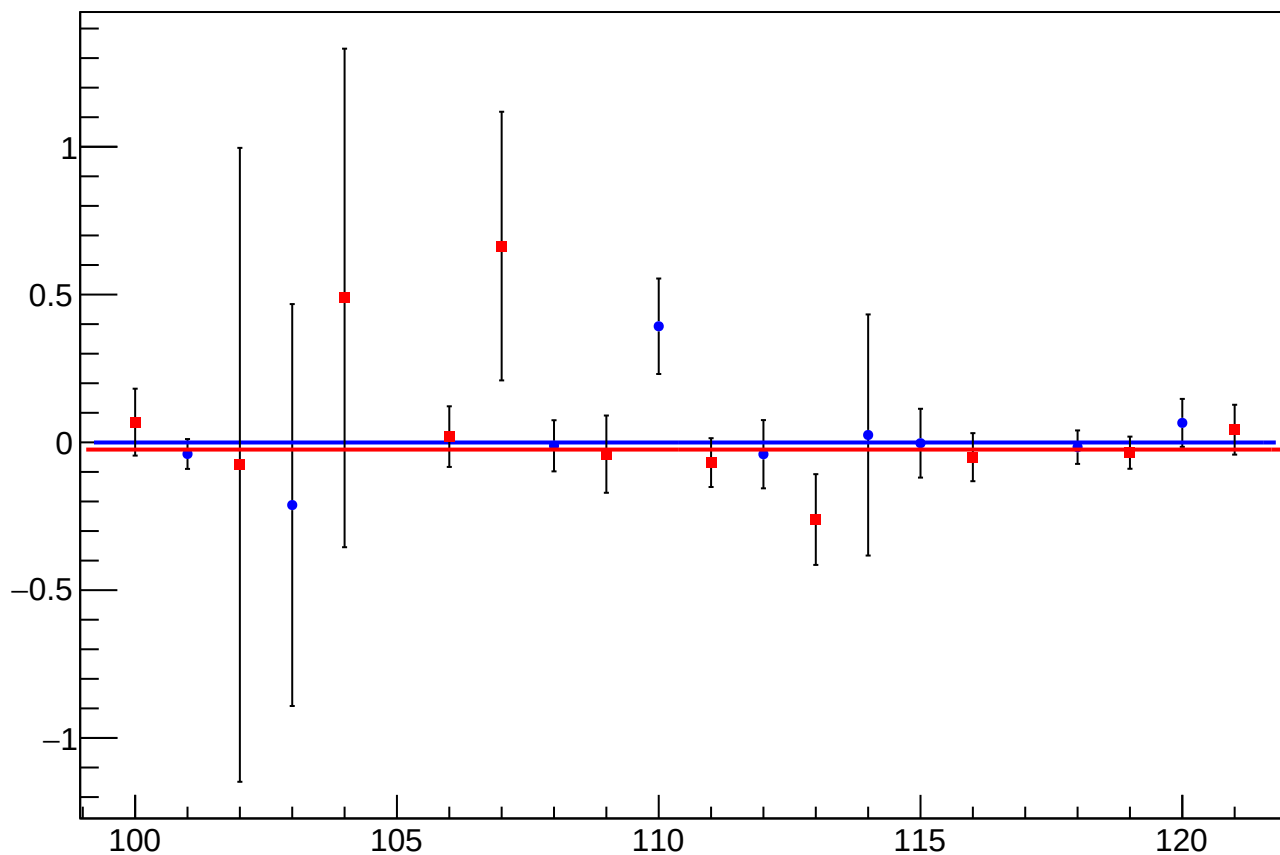
Right: 0.001+/-0.000 χ^2/NDF : 5398596.2/19

In: 0.001+/-0.000 χ^2/NDF :2194230.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5398596.2/19

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.031 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

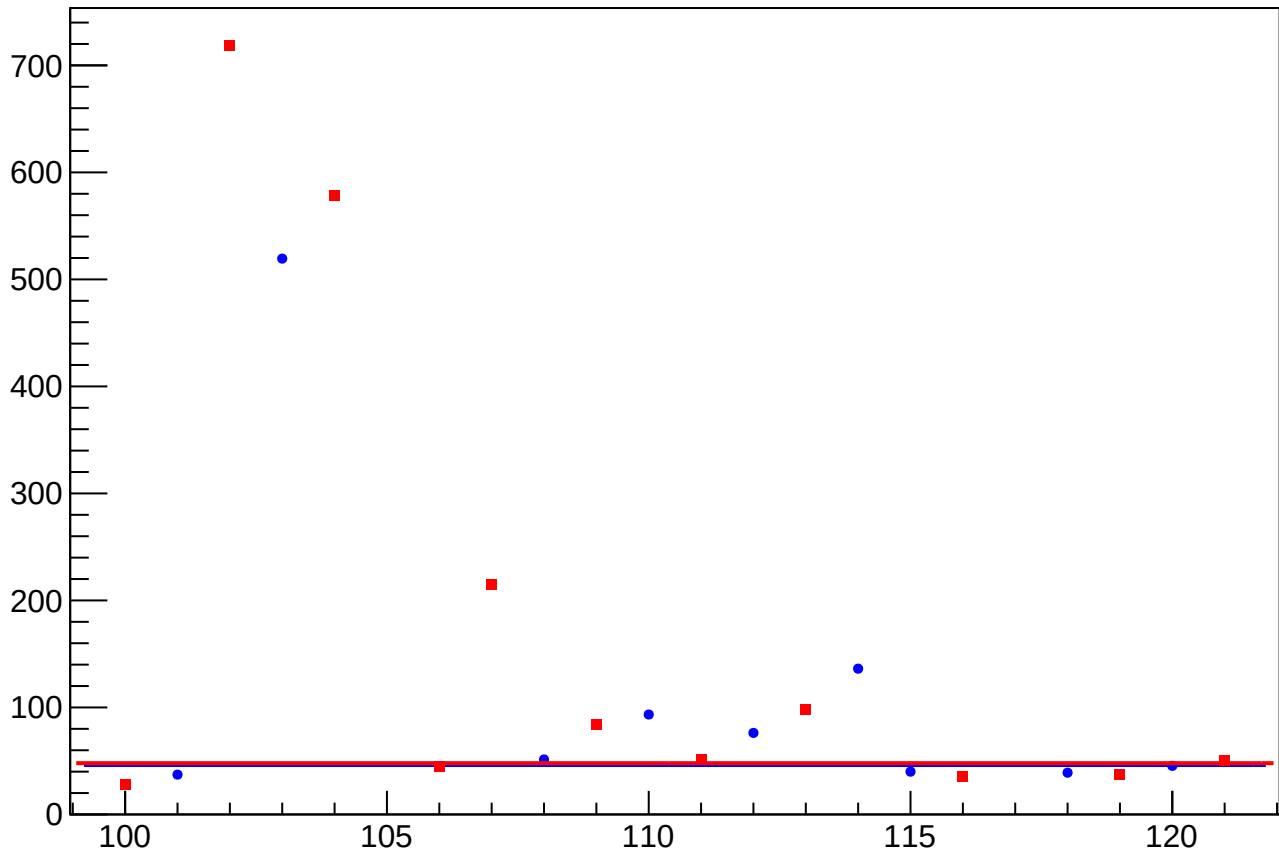
Right: -0.012+/-0.021 χ^2/NDF : 14.8/19

In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.021 χ^2/NDF : 14.8/19

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480402.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396331.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

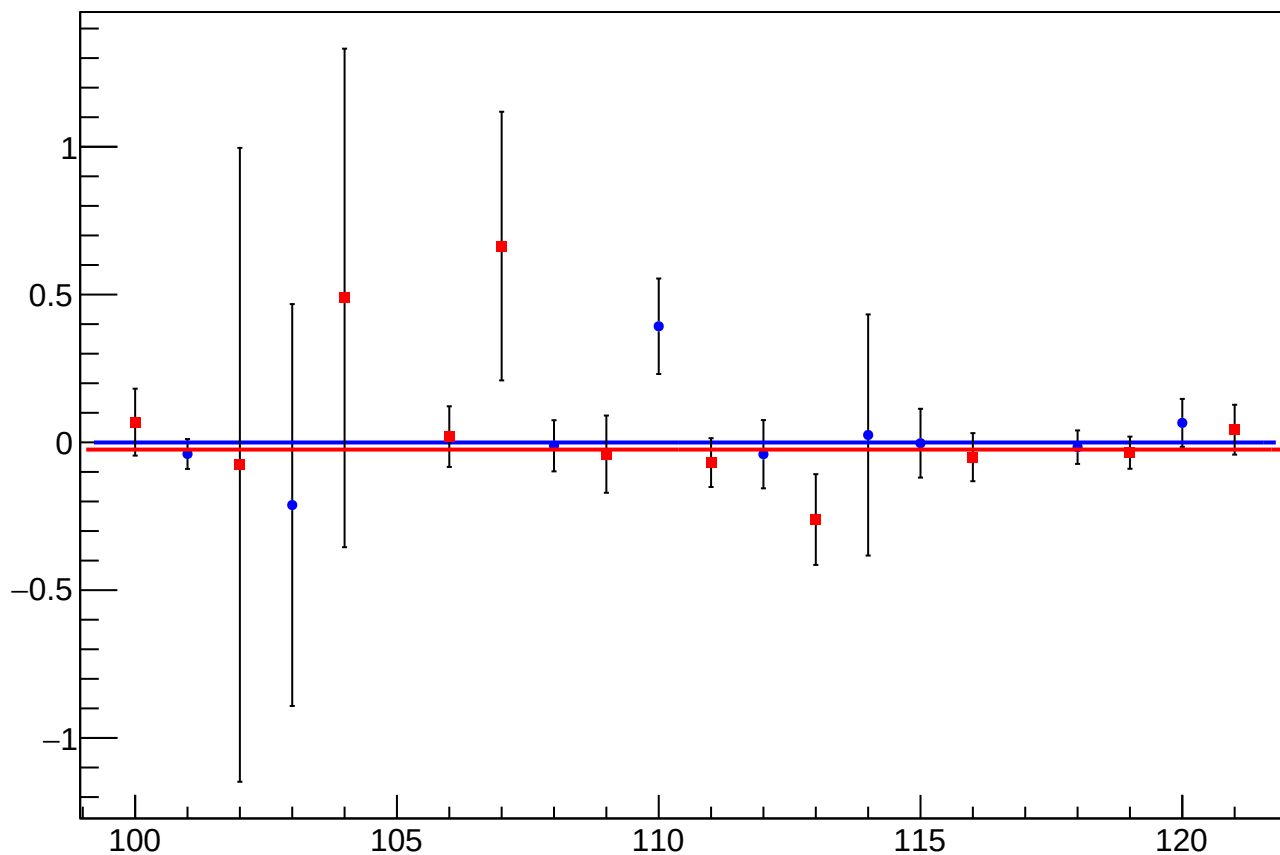
Right: 47.013+/-0.015 χ^2/NDF : 3880141.1/19

In: 46.189+/-0.021 χ^2/NDF : 1480402.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.013+/-0.015 χ^2/NDF : 3880141.1/19

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.024+/-0.031 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

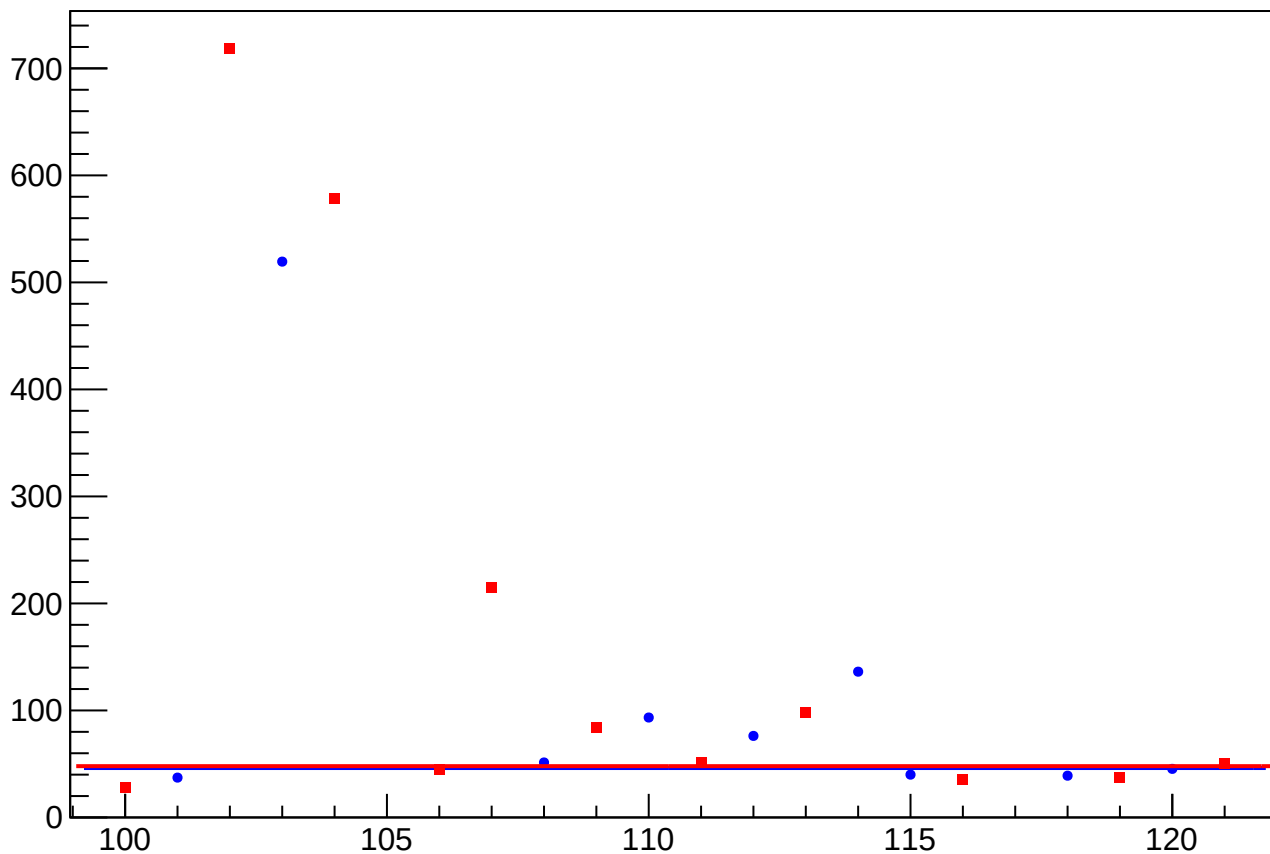
Right: -0.012+/-0.021 χ^2/NDF : 14.8/19

In: -0.000+/-0.029 χ^2/NDF :7.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.021 χ^2/NDF : 14.8/19

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480402.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396331.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

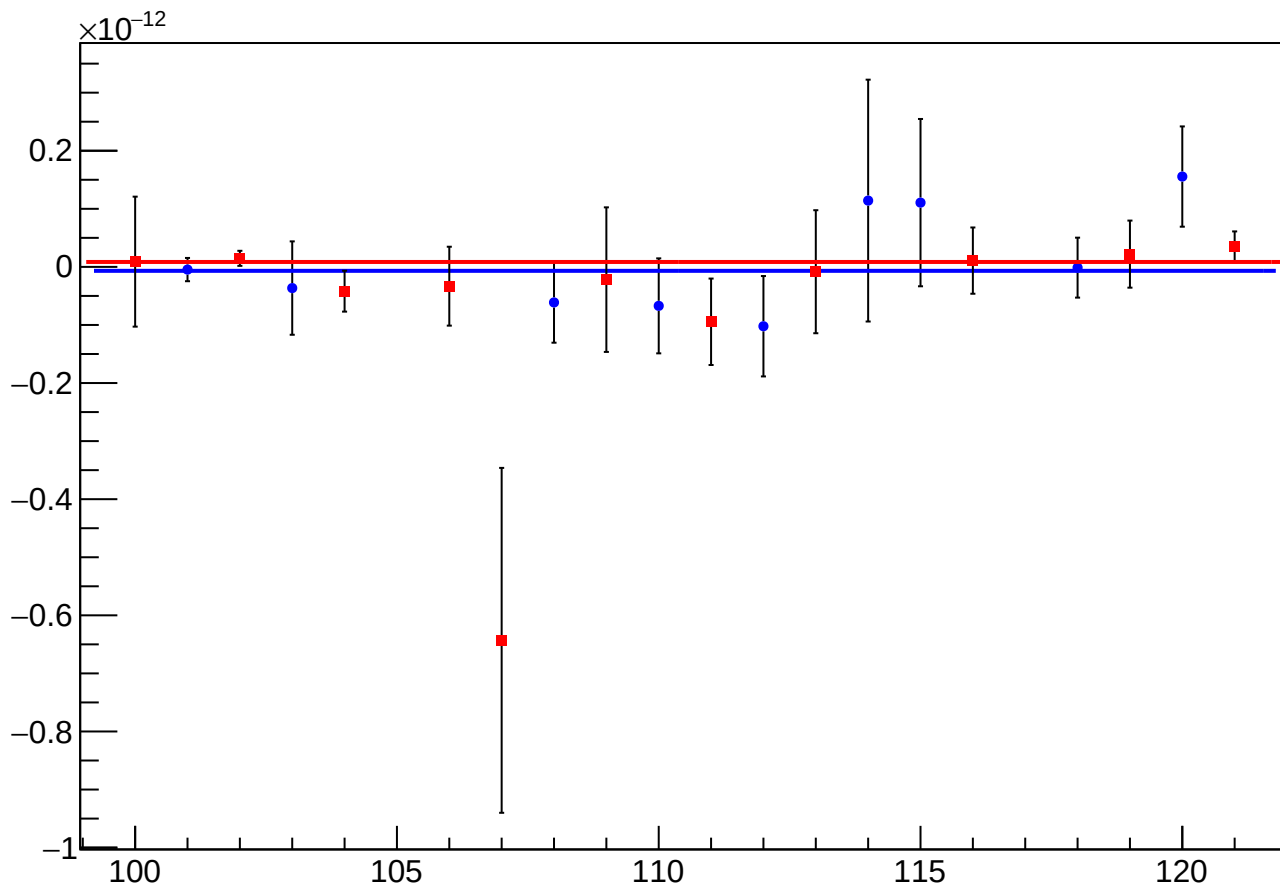
Right: 47.013+/-0.015 χ^2/NDF : 3880141.1/19

In: 46.189+/-0.021 χ^2/NDF :1480402.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.013+/-0.015 χ^2/NDF : 3880141.1/19

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 10.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

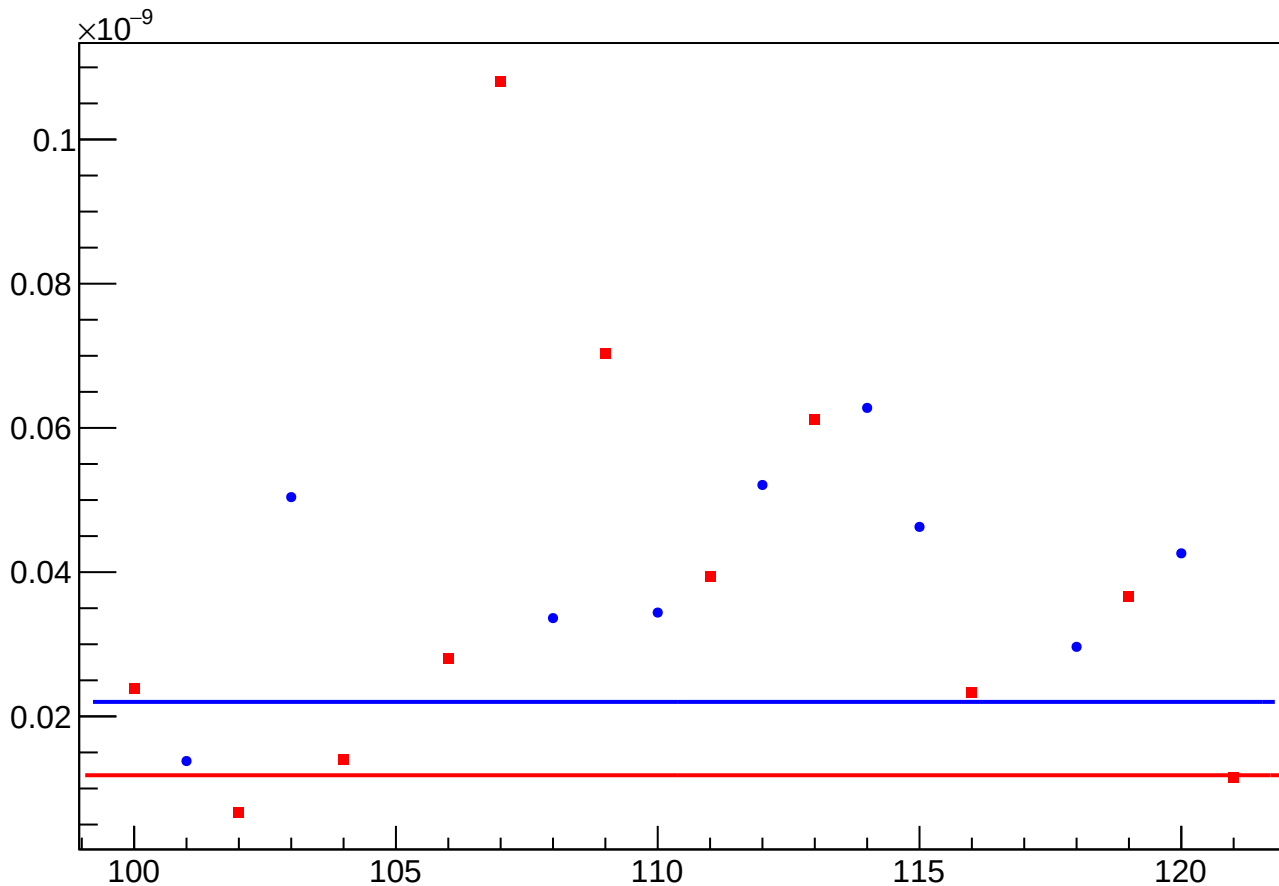
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 18.2/19$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 18.2/19$

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1219715.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2272614.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

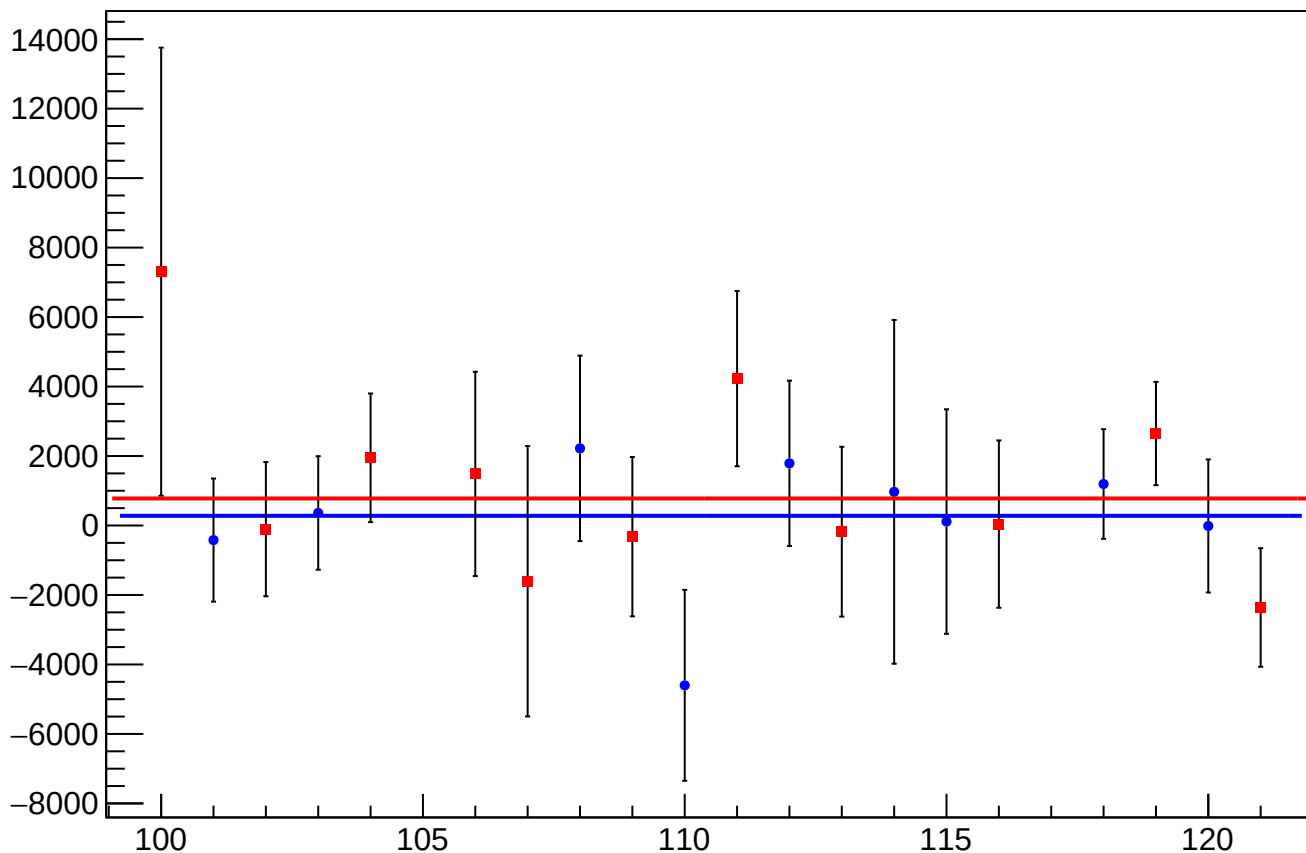
Right: 0.000+/-0.000 χ^2/NDF : 4043830.6/19

In: 0.000+/-0.000 χ^2/NDF : 1219715.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4043830.6/19

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 279.219+/-715.648 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 778.293+/-666.864 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

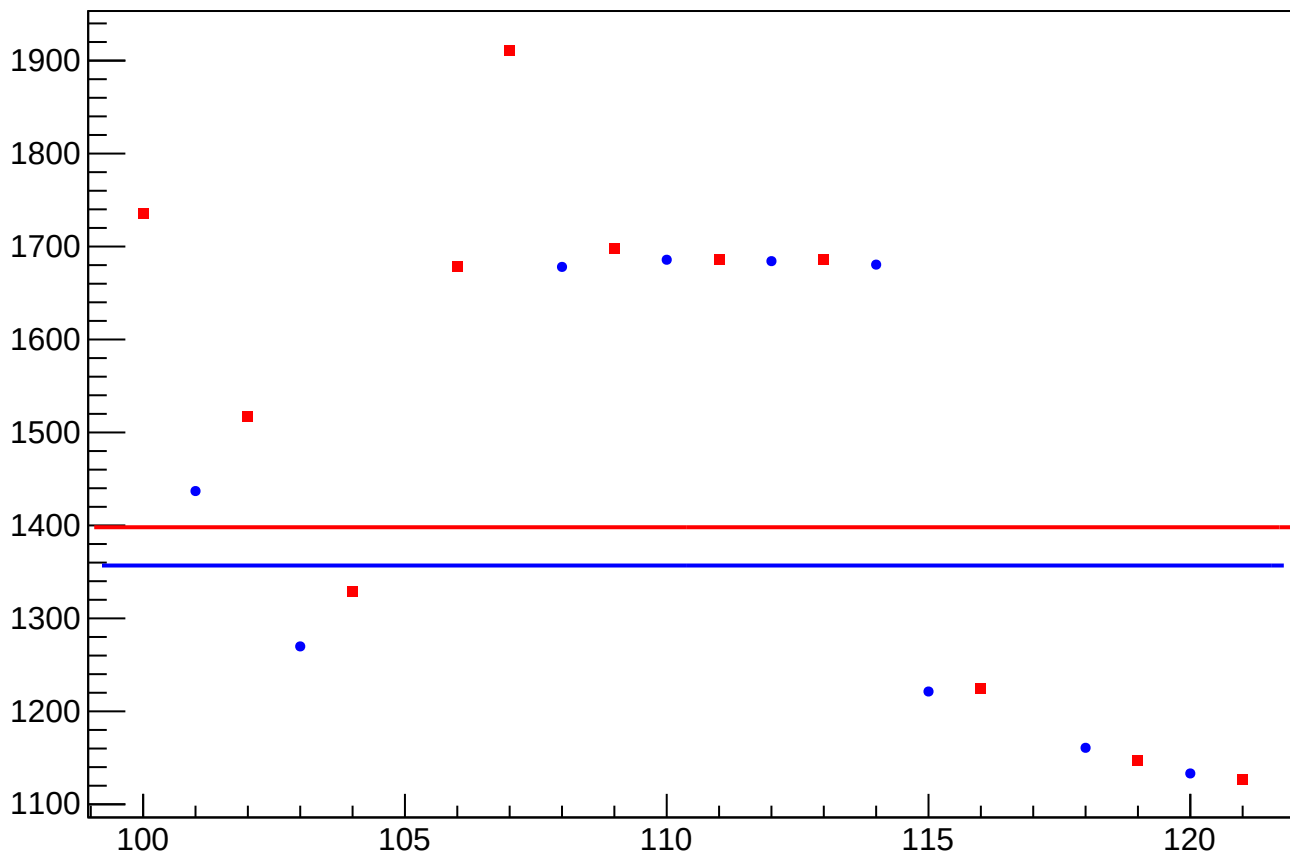
Right: 546.345+/-487.879 χ^2/NDF : 14.3/19

In: 279.219+/-715.648 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.345+/-487.879 χ^2/NDF : 14.3/19

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1356.872+/-0.506 χ^2/NDF : 175413.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.042+/-0.472 χ^2/NDF : 274899.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

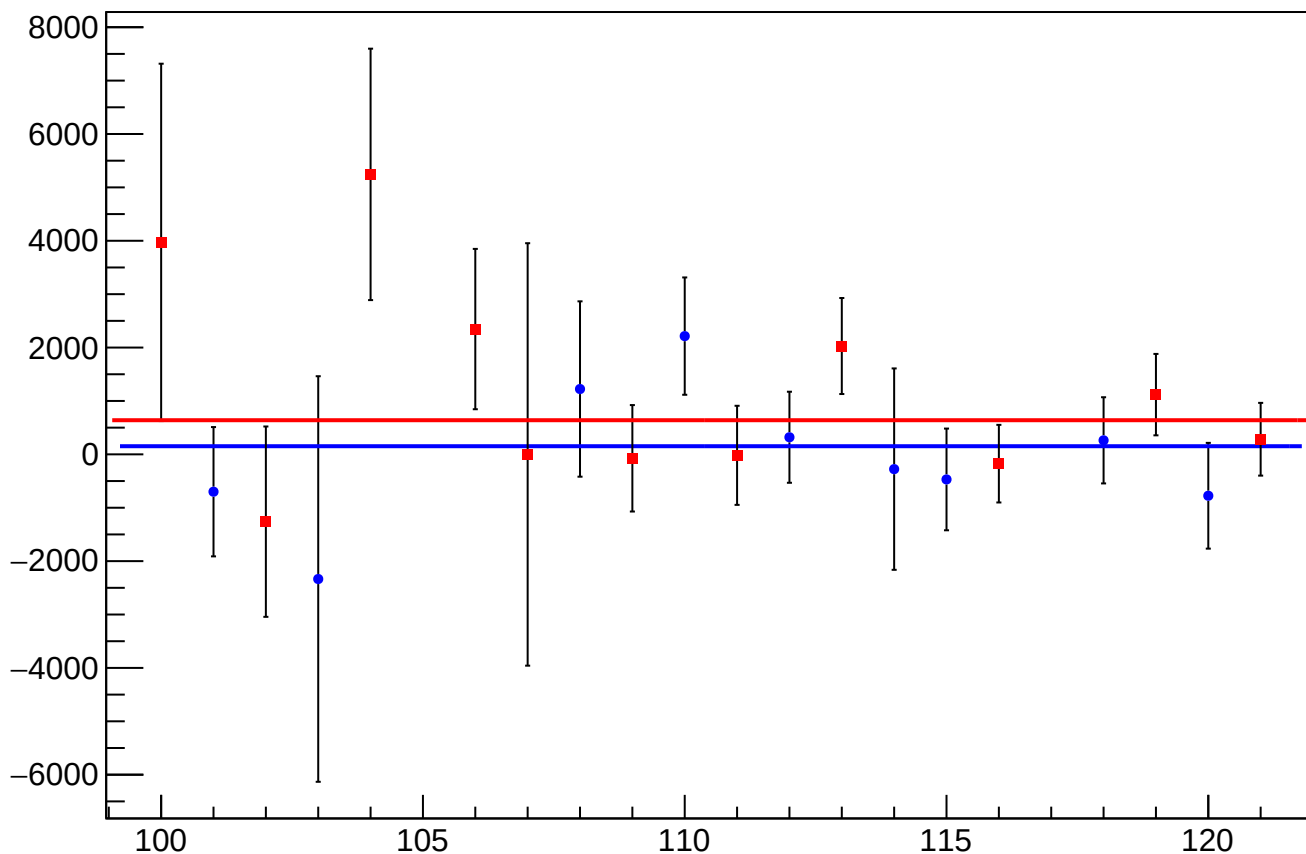
Right: 1378.908+/-0.345 χ^2/NDF : 453855.9/19

In: 1356.872+/-0.506 χ^2/NDF : 175413.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.908+/-0.345 χ^2/NDF : 453855.9/19

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 152.258+/-371.047 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.199+/-312.133 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

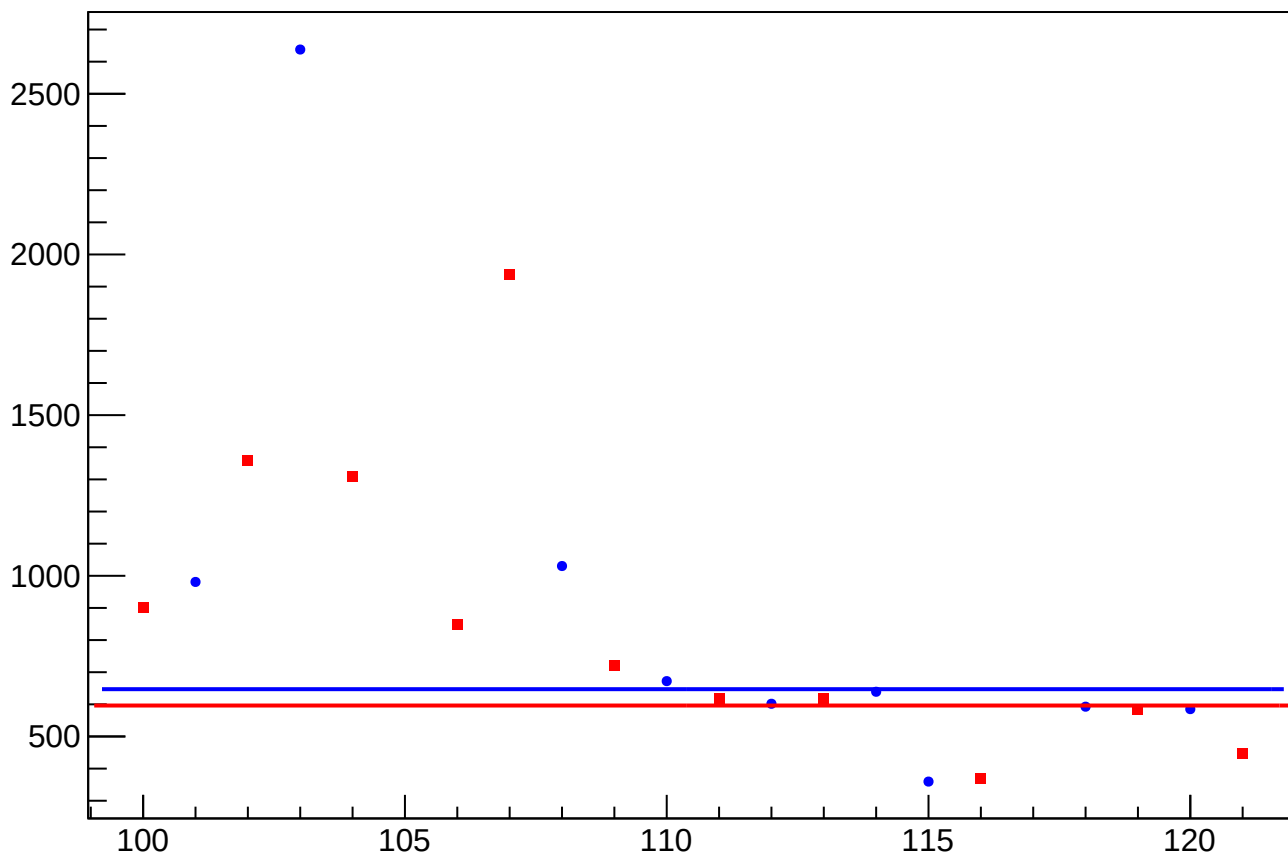
Right: 437.410+/-238.858 χ^2/NDF : 19.9/19

In: 152.258+/-371.047 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.410+/-238.858 χ^2/NDF : 19.9/19

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 647.180+/-0.262 χ^2/NDF : 1016179.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.304+/-0.221 χ^2/NDF : 1180474.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

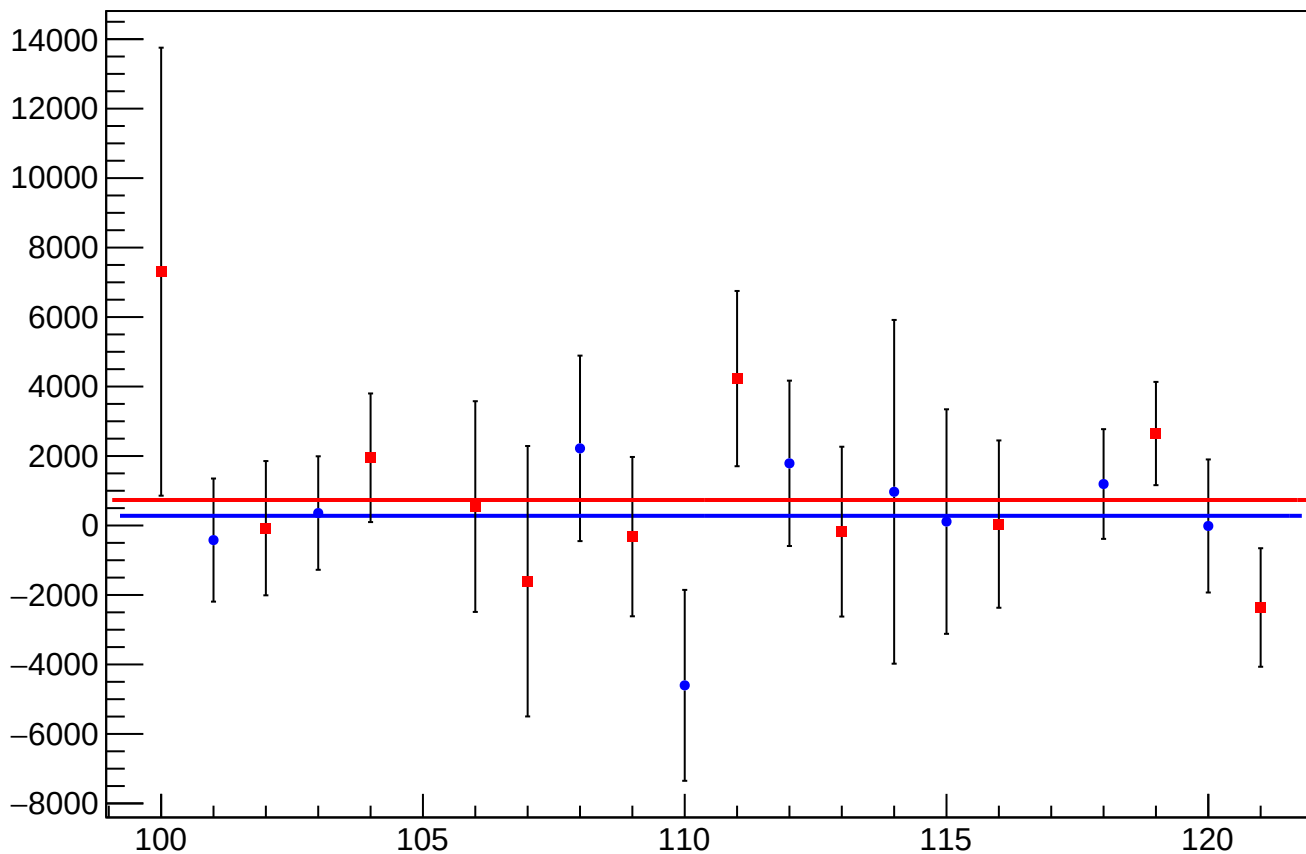
Right: 617.387+/-0.169 χ^2/NDF : 2218672.8/19

In: 647.180+/-0.262 χ^2/NDF : 1016179.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.387+/-0.169 χ^2/NDF : 2218672.8/19

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 278.619+/-715.648 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 734.218+/-667.904 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

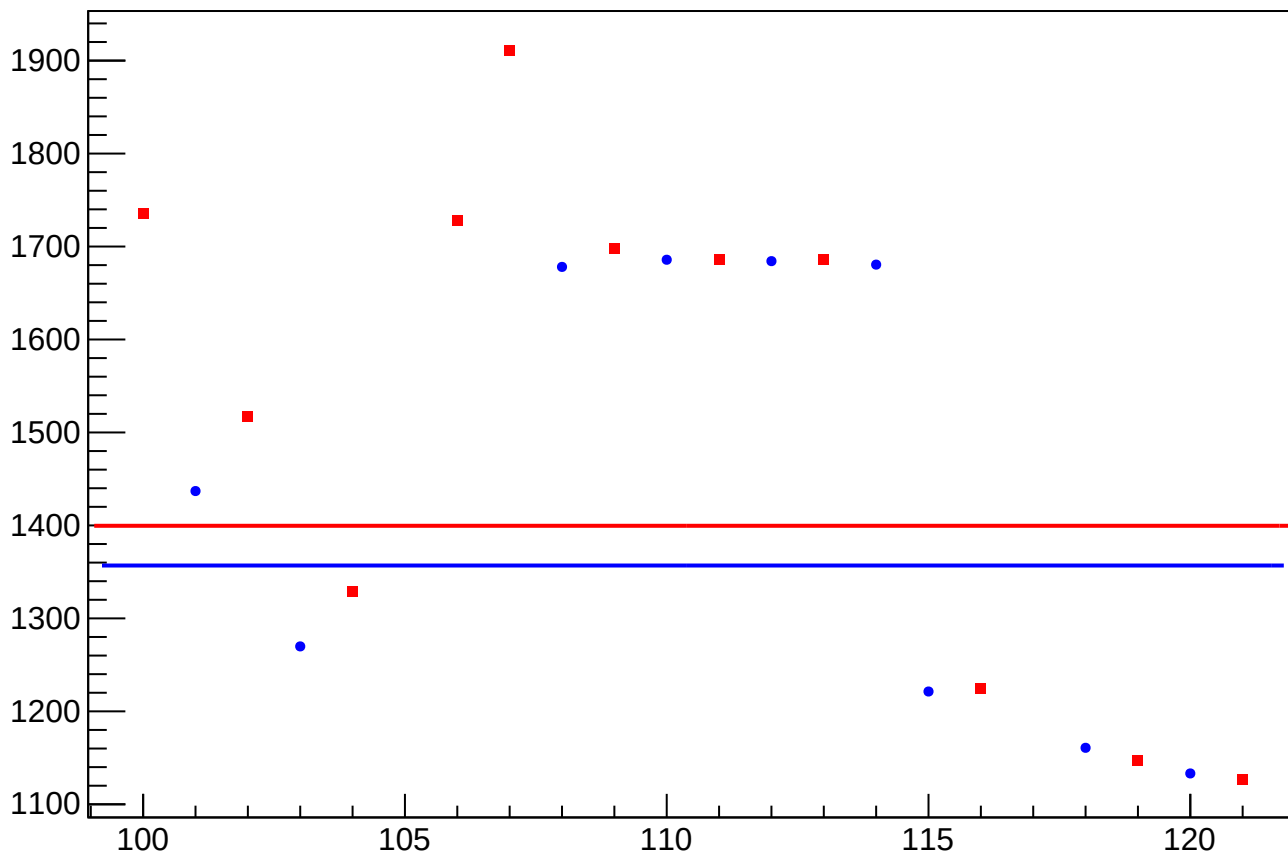
Right: 522.122+/-488.286 χ^2/NDF : 14.2/19

In: 278.619+/-715.648 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.122+/-488.286 χ^2/NDF : 14.2/19

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1356.872+/-0.506 χ^2/NDF : 175413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.604+/-0.472 χ^2/NDF : 280431.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

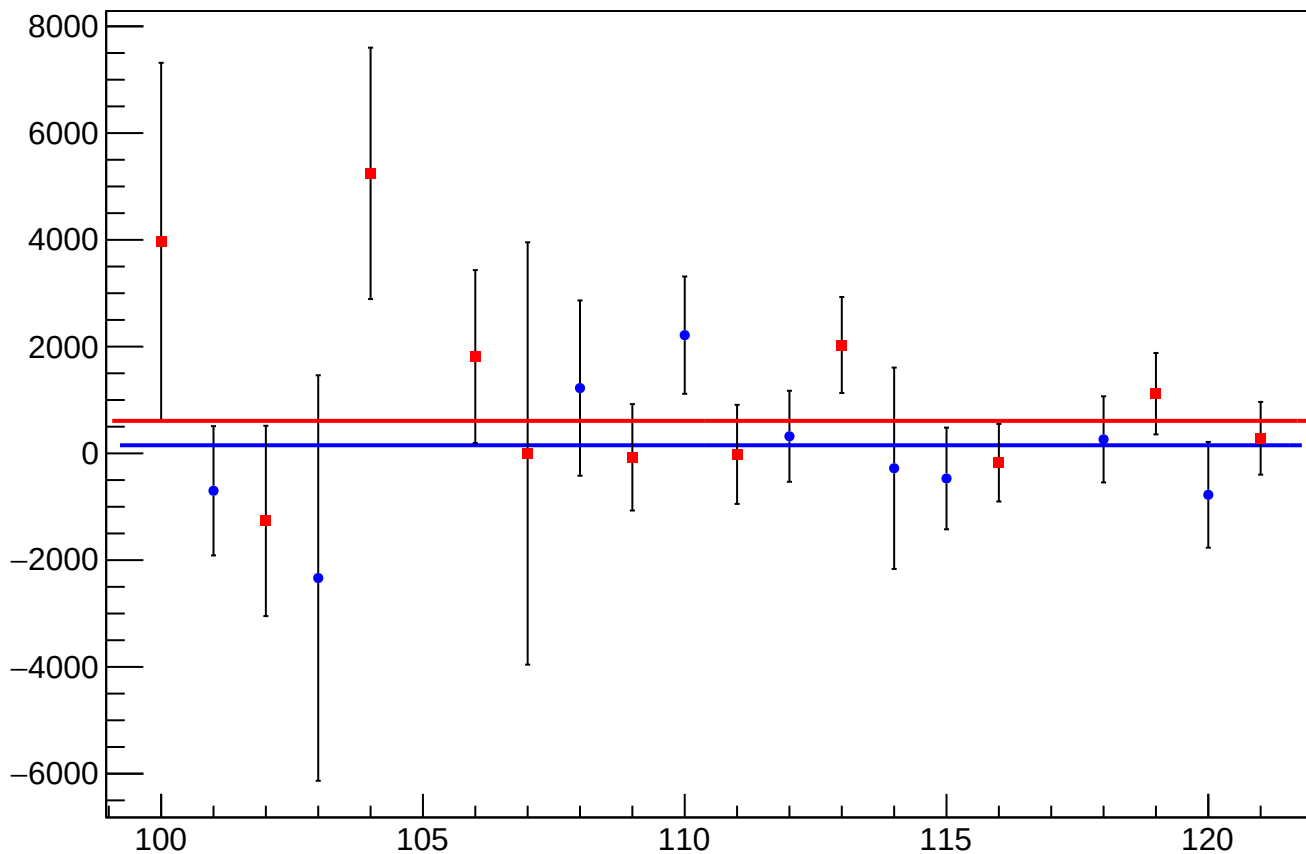
Right: 1379.711+/-0.345 χ^2/NDF : 459656.2/19

In: 1356.872+/-0.506 χ^2/NDF : 175413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1379.711+/-0.345 χ^2/NDF : 459656.2/19

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 152.063+/-371.045 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.112+/-313.081 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

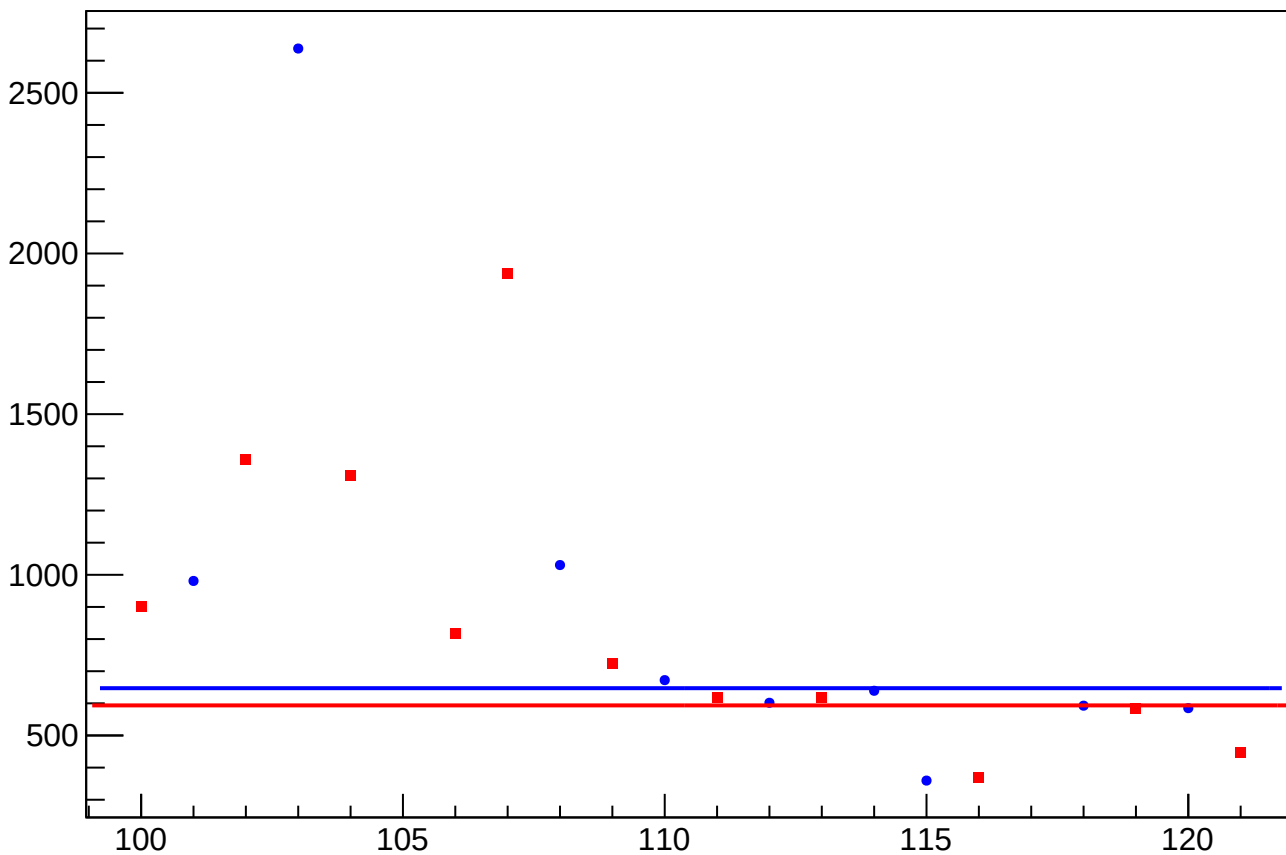
Right: 419.036+/-239.281 χ^2/NDF : 19.0/19

In: 152.063+/-371.045 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.036+/-239.281 χ^2/NDF : 19.0/19

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 647.173+/-0.262 χ^2/NDF : 1016173.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.610+/-0.221 χ^2/NDF : 1161535.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

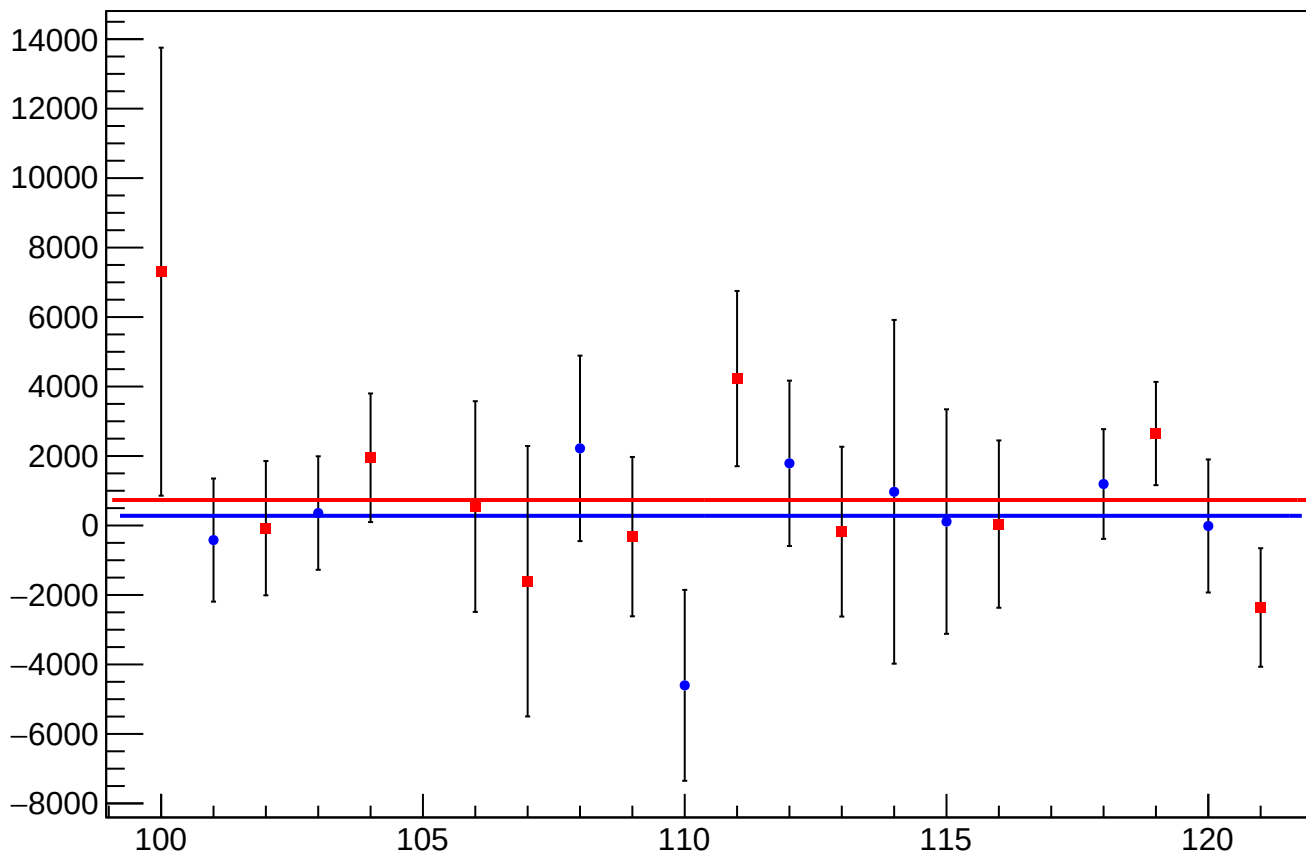
Right: 615.886+/-0.169 χ^2/NDF : 2202053.8/19

In: 647.173+/-0.262 χ^2/NDF : 1016173.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.886+/-0.169 χ^2/NDF : 2202053.8/19

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 278.619+/-715.648 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 734.218+/-667.904 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

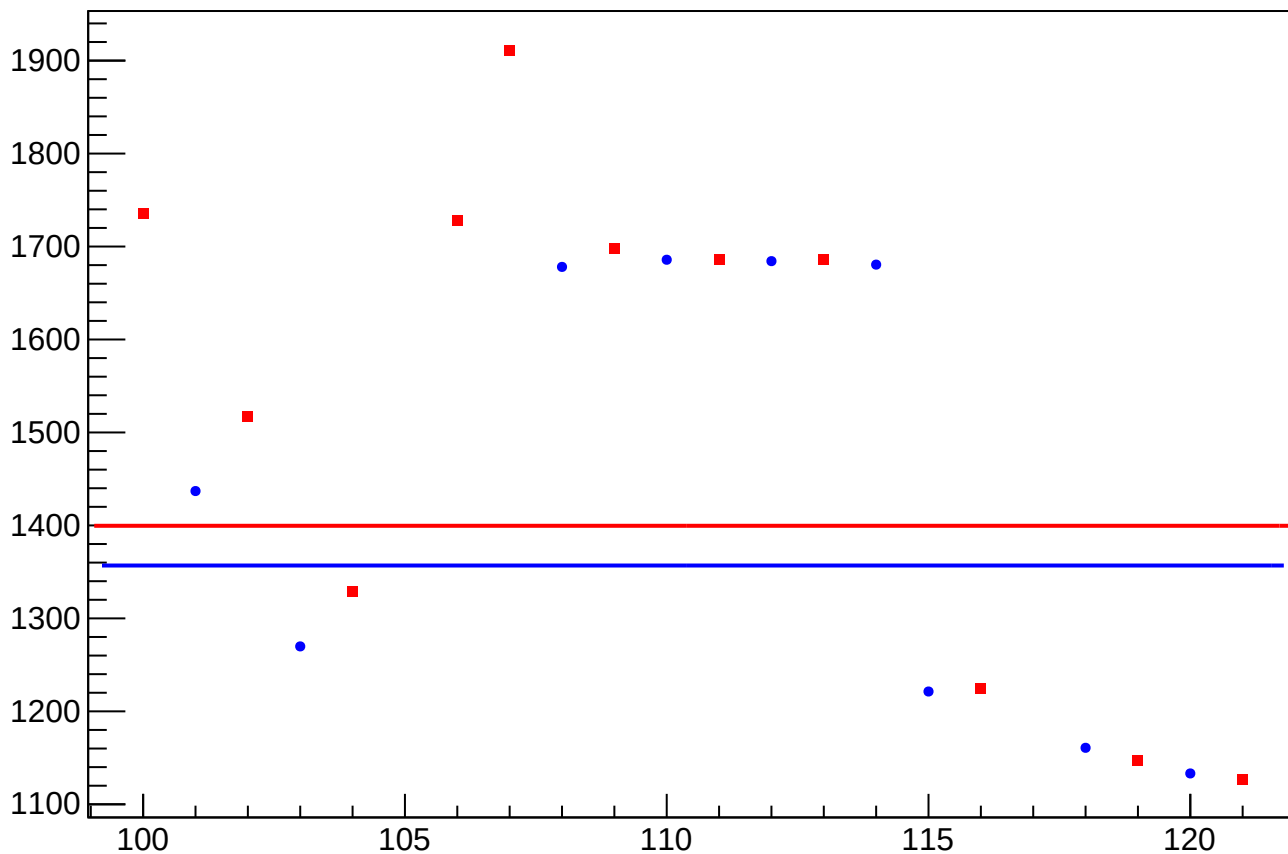
Right: 522.122+/-488.286 χ^2/NDF : 14.2/19

In: 278.619+/-715.648 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 522.122+/-488.286 χ^2/NDF : 14.2/19

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1356.872+/-0.506 χ^2/NDF : 175413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.604+/-0.472 χ^2/NDF : 280431.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

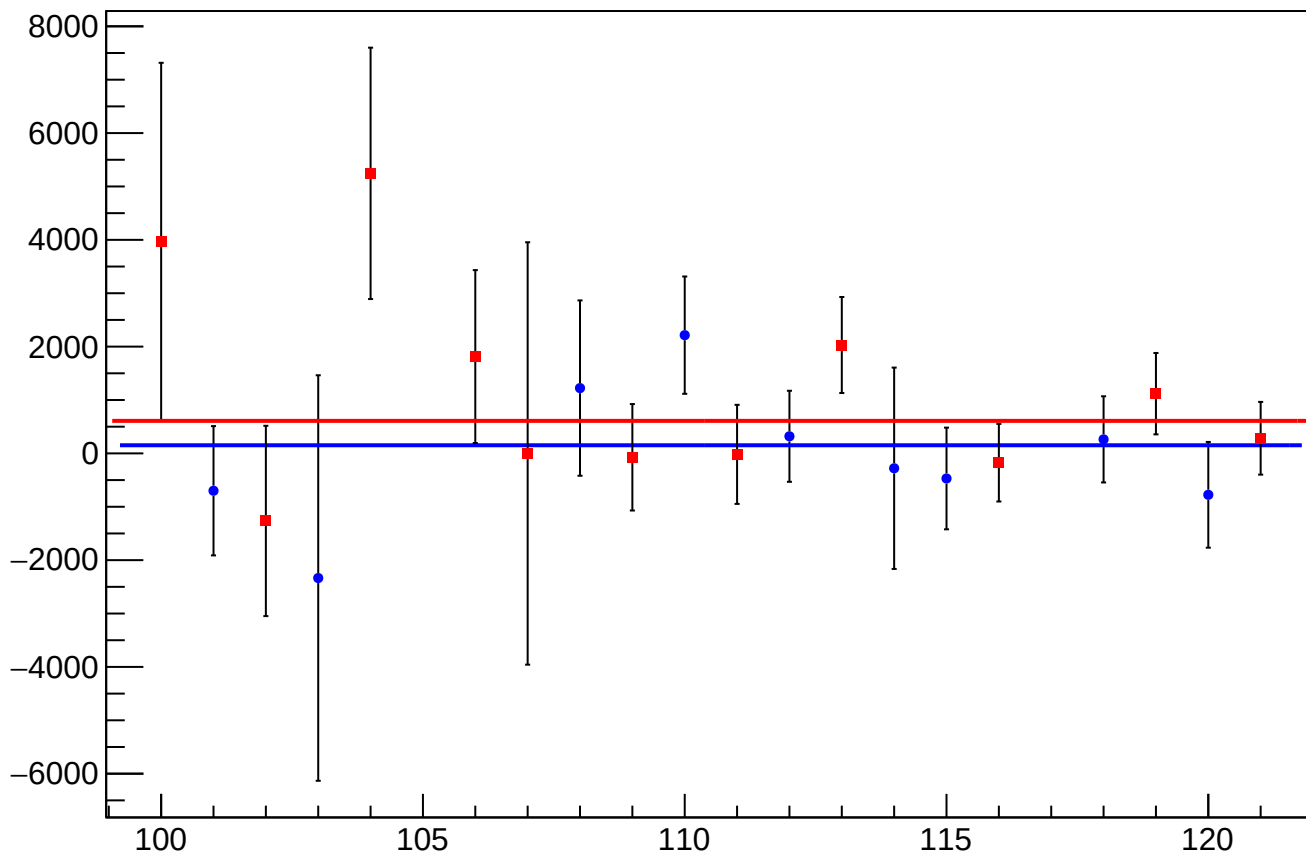
Right: 1379.711+/-0.345 χ^2/NDF : 459656.2/19

In: 1356.872+/-0.506 χ^2/NDF : 175413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1379.711+/-0.345 χ^2/NDF : 459656.2/19

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 152.063+/-371.045 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.112+/-313.081 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

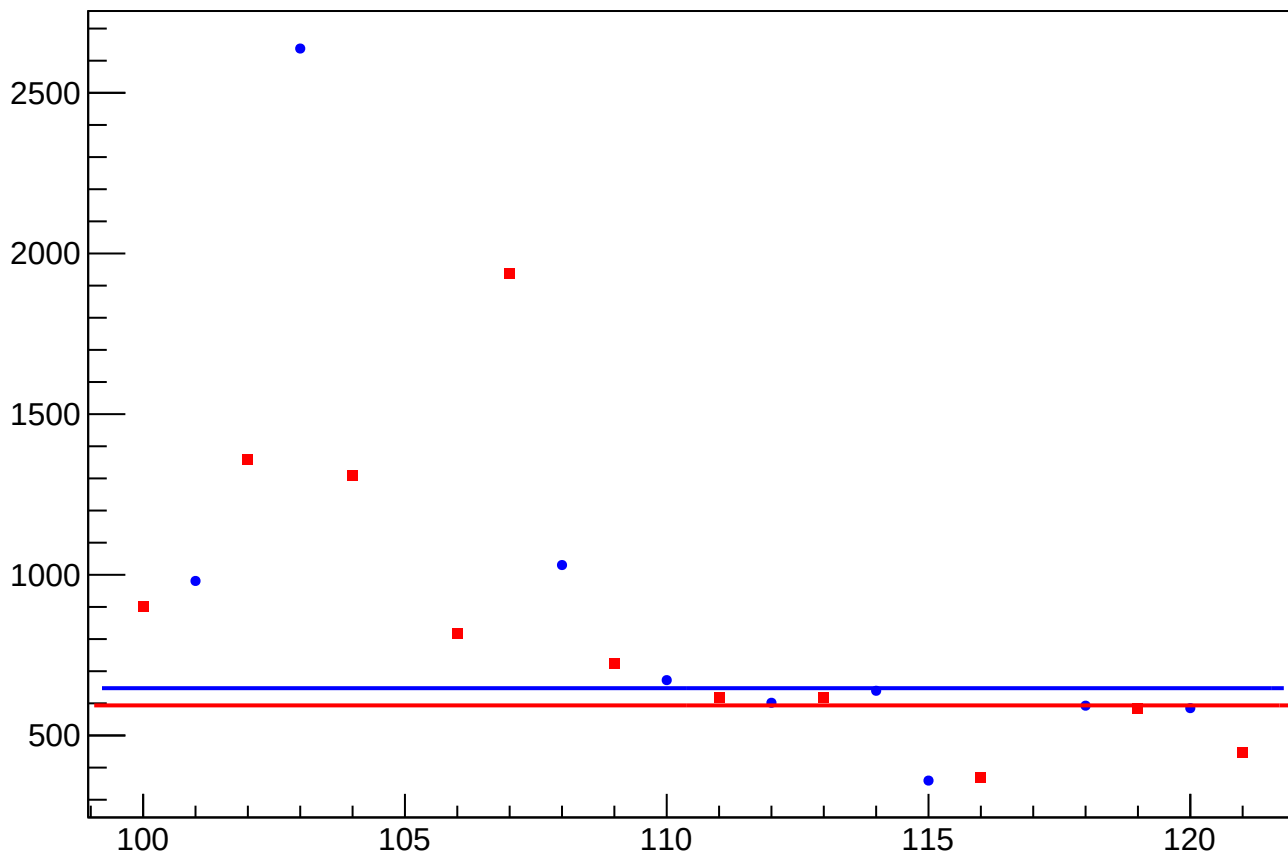
Right: 419.036+/-239.281 χ^2/NDF : 19.0/19

In: 152.063+/-371.045 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.036+/-239.281 χ^2/NDF : 19.0/19

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 647.173+/-0.262 χ^2/NDF : 1016173.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.610+/-0.221 χ^2/NDF : 1161535.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

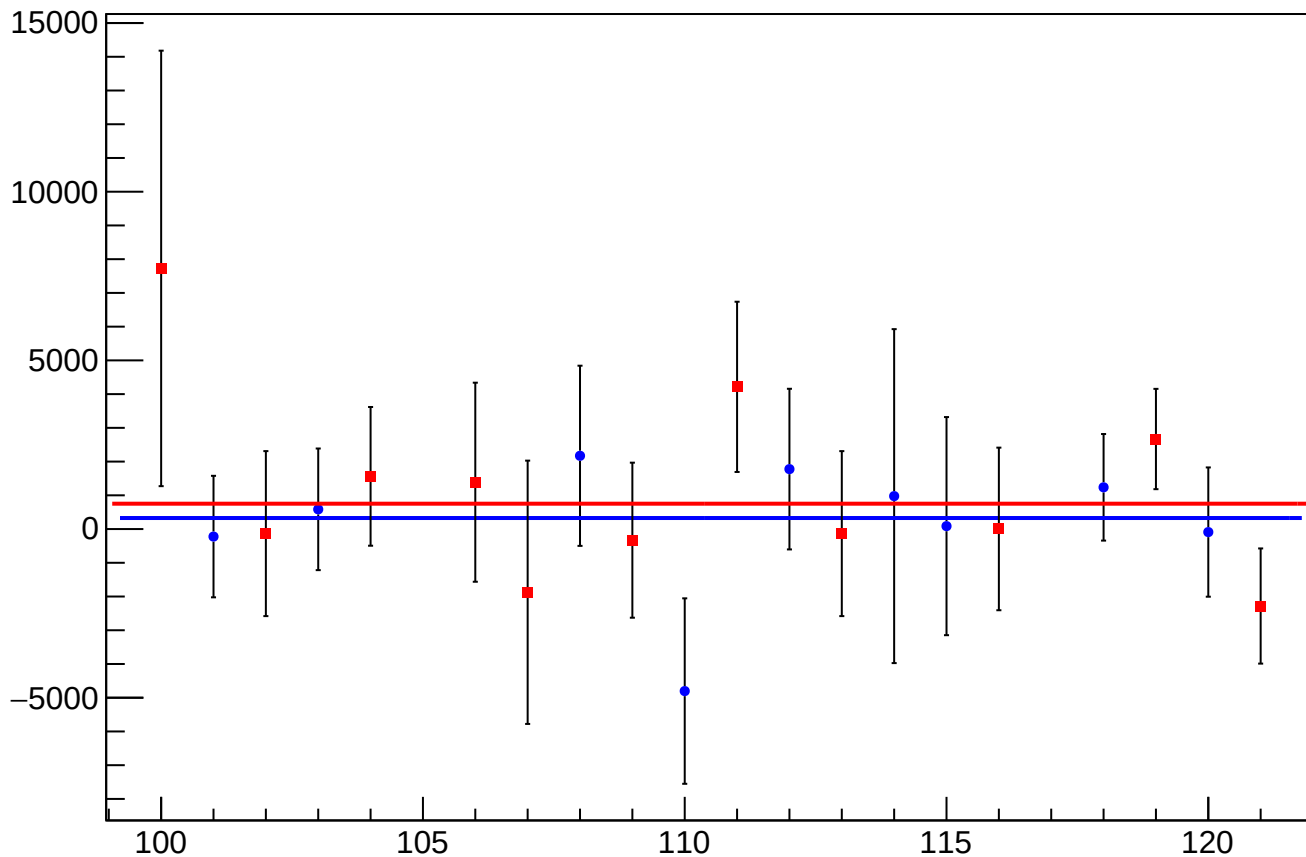
Right: 615.886+/-0.169 χ^2/NDF : 2202053.8/19

In: 647.173+/-0.262 χ^2/NDF : 1016173.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.886+/-0.169 χ^2/NDF : 2202053.8/19

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 327.074+/-730.386 χ^2/NDF : 4.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 751.622+/-691.775 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

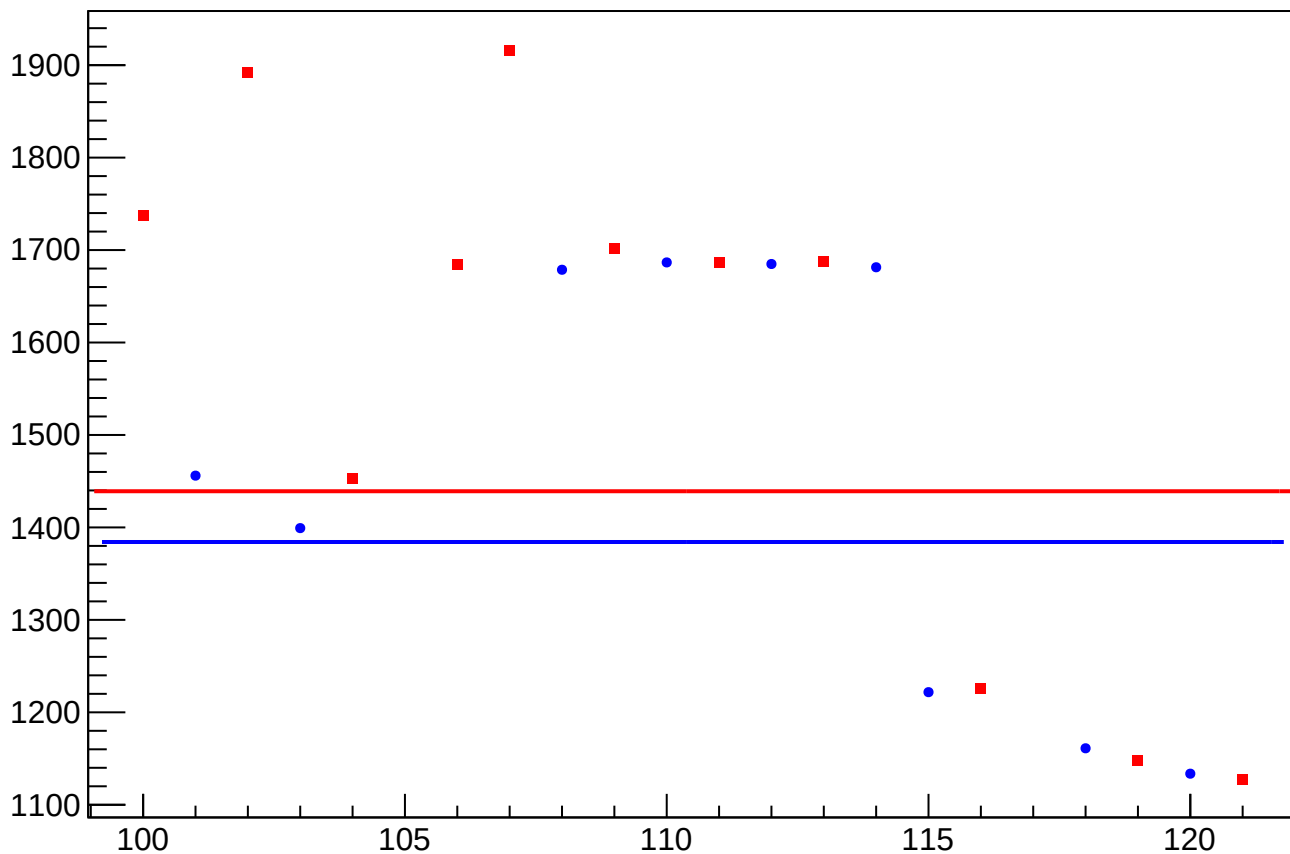
Right: 550.866+/-502.254 χ^2/NDF : 14.1/19

In: 327.074+/-730.386 χ^2/NDF : 4.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.866+/-502.254 χ^2/NDF : 14.1/19

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1384.232+/-0.516 χ^2/NDF : 170103.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1439.130+/-0.489 χ^2/NDF : 341762.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

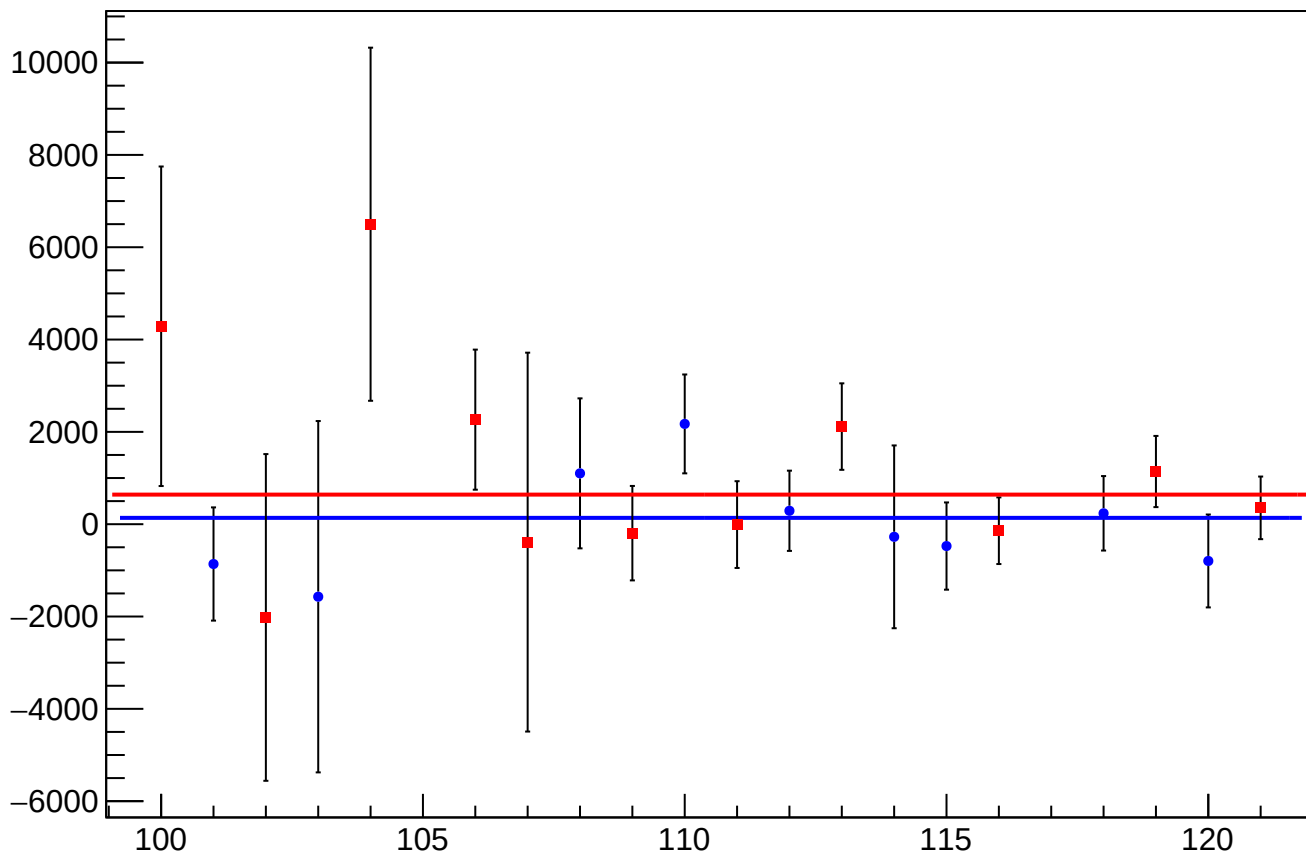
Right: 1413.170+/-0.355 χ^2/NDF : 517821.5/19

In: 1384.232+/-0.516 χ^2/NDF : 170103.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.170+/-0.355 χ^2/NDF : 517821.5/19

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 137.273+/-372.466 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 640.962+/-320.616 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

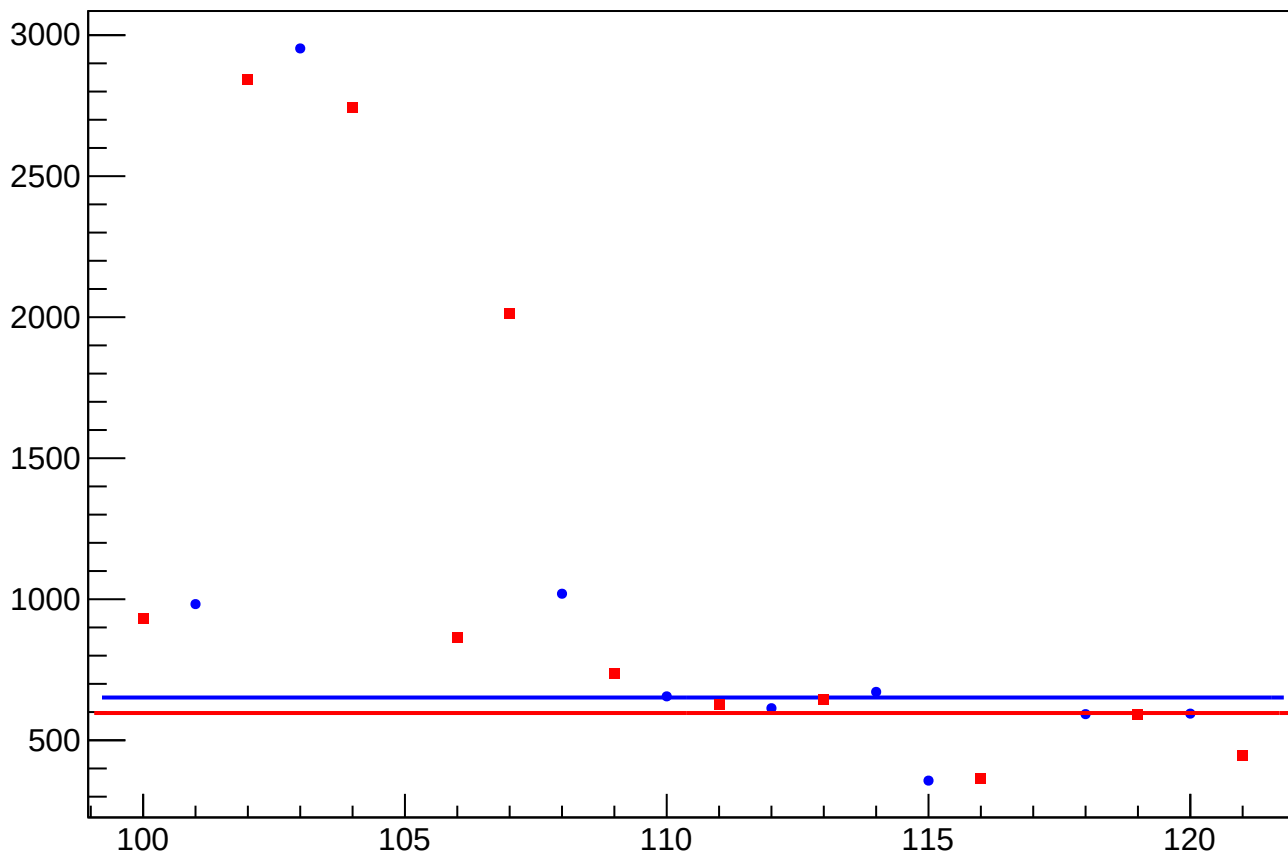
Right: 426.589+/-242.991 χ^2/NDF : 17.9/19

In: 137.273+/-372.466 χ^2/NDF :6.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 426.589+/-242.991 χ^2/NDF : 17.9/19

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 651.598+/-0.263 χ^2/NDF : 1195399.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.600+/-0.227 χ^2/NDF : 2105052.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

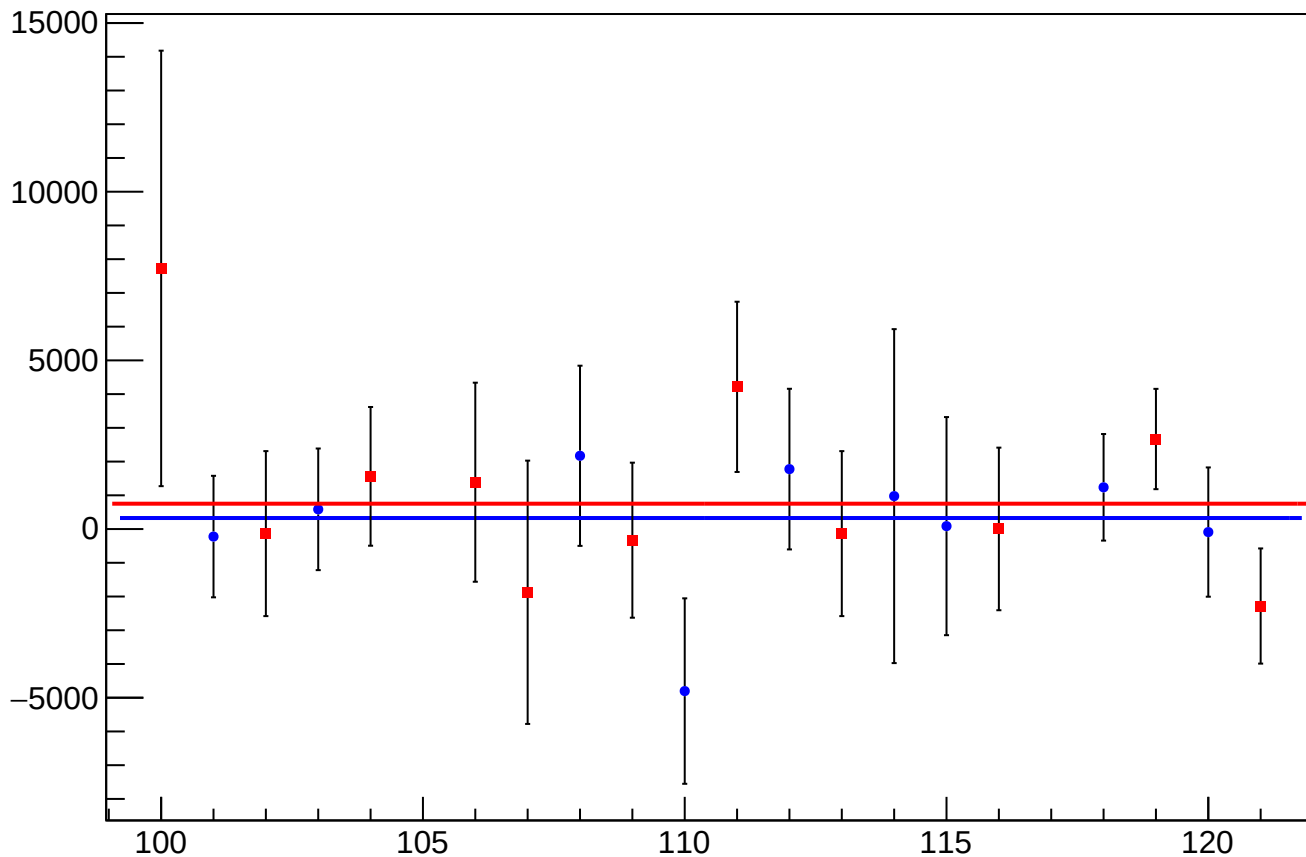
Right: 620.007+/-0.172 χ^2/NDF : 3325499.0/19

In: 651.598+/-0.263 χ^2/NDF : 1195399.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.007+/-0.172 χ^2/NDF : 3325499.0/19

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 327.076+/-730.386 χ^2/NDF : 4.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 751.622+/-691.775 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

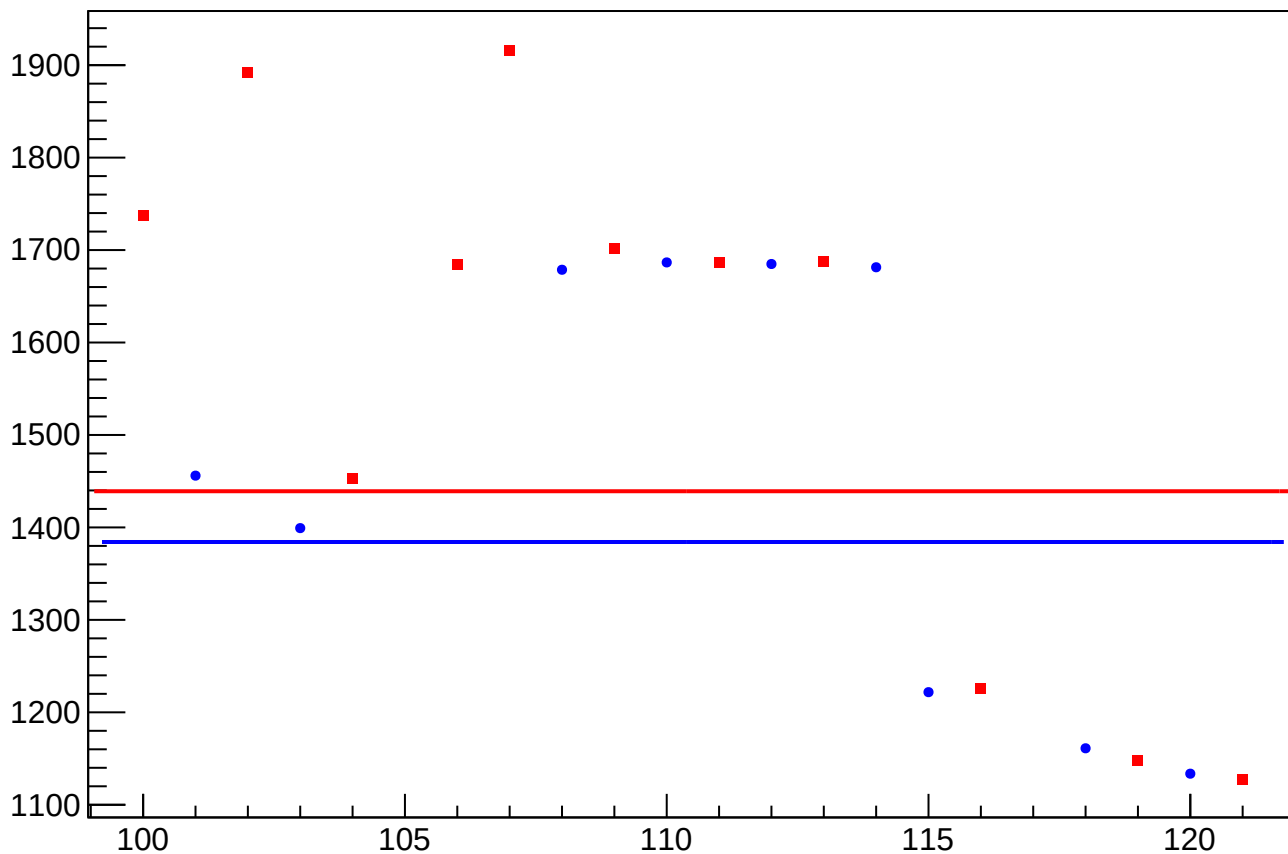
Right: 550.867+/-502.254 χ^2/NDF : 14.1/19

In: 327.076+/-730.386 χ^2/NDF : 4.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.867+/-502.254 χ^2/NDF : 14.1/19

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1384.231+/-0.516 χ^2/NDF : 170103.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1439.130+/-0.489 χ^2/NDF : 341762.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

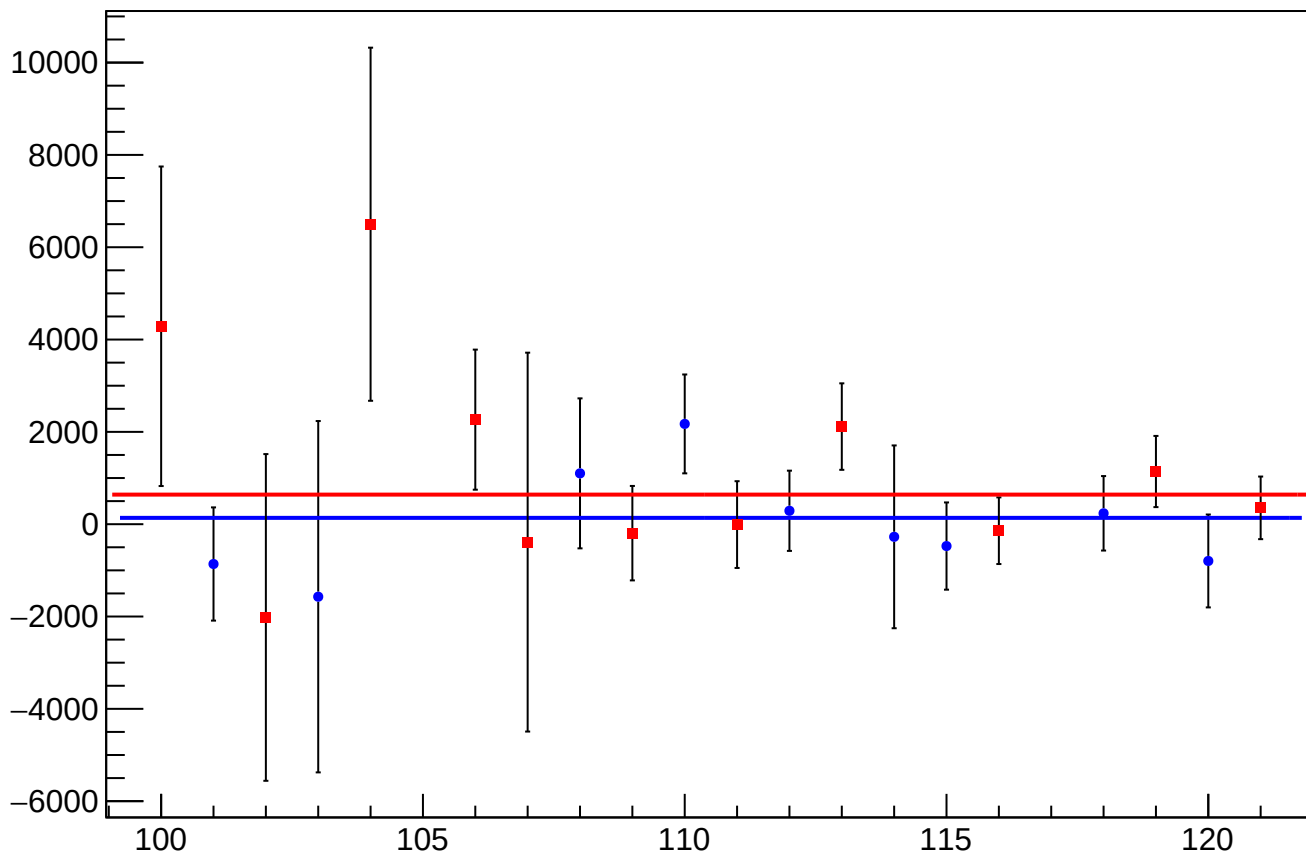
Right: 1413.170+/-0.355 χ^2/NDF : 517821.2/19

In: 1384.231+/-0.516 χ^2/NDF : 170103.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.170+/-0.355 χ^2/NDF : 517821.2/19

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 137.274+/-372.465 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.961+/-320.616 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

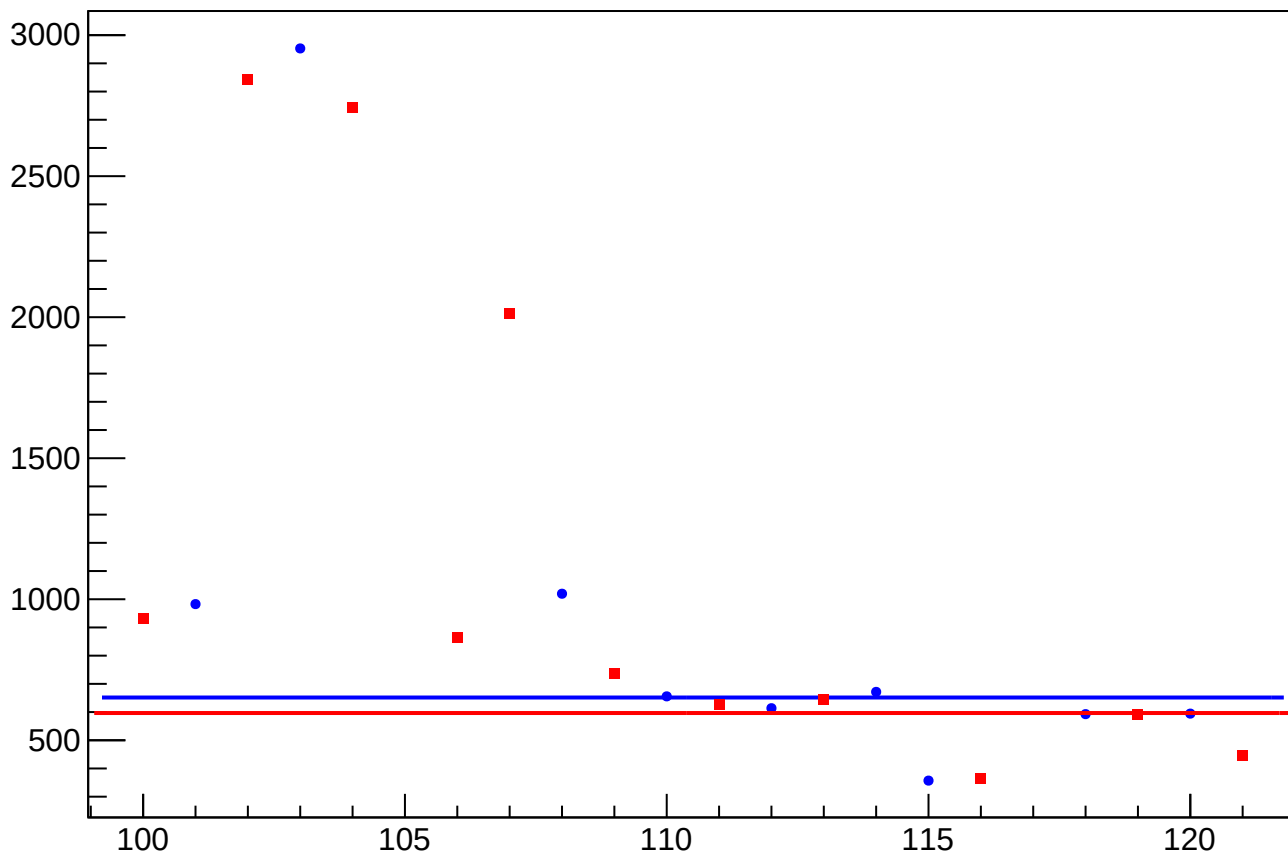
Right: 426.589+/-242.991 χ^2/NDF : 17.9/19

In: 137.274+/-372.465 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.589+/-242.991 χ^2/NDF : 17.9/19

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 651.597+/-0.263 χ^2/NDF : 1195398.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.599+/-0.227 χ^2/NDF : 2105054.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

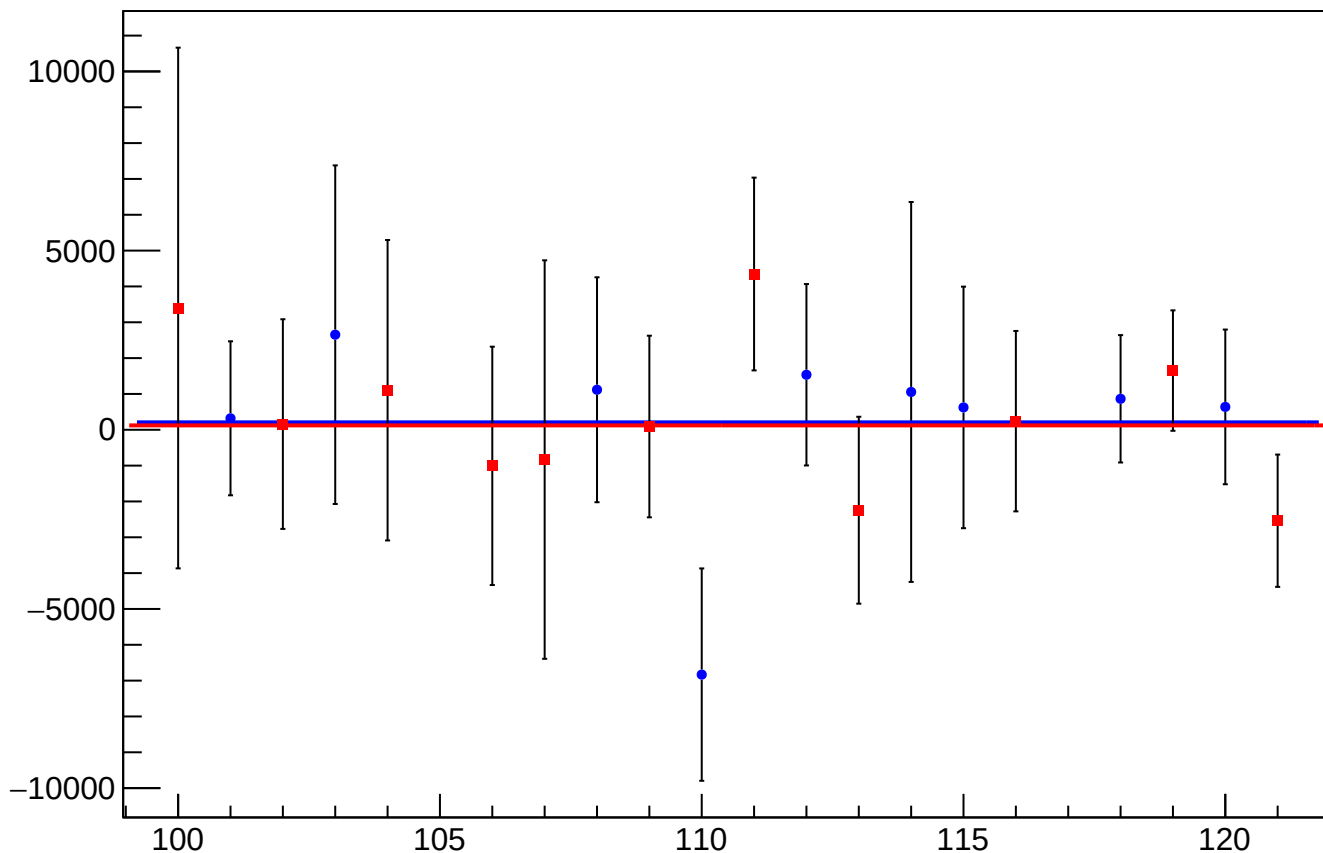
Right: 620.007+/-0.172 χ^2/NDF : 3325500.5/19

In: 651.597+/-0.263 χ^2/NDF : 1195398.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.007+/-0.172 χ^2/NDF : 3325500.5/19

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 206.785+/-881.232 χ^2/NDF : 6.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.313+/-800.167 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

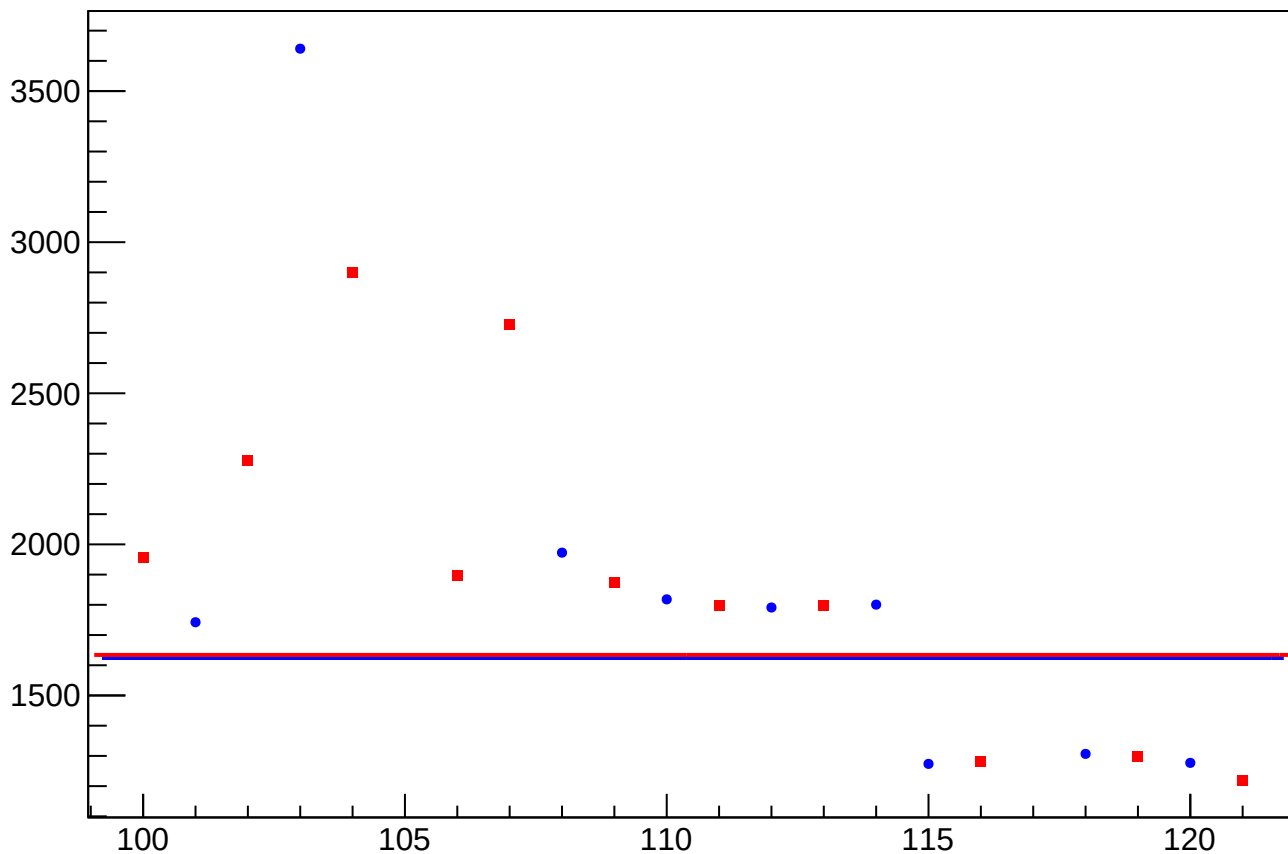
Right: 160.486+/-592.395 χ^2/NDF : 13.1/19

In: 206.785+/-881.232 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.486+/-592.395 χ^2/NDF : 13.1/19

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1624.037+/-0.623 χ^2/NDF : 551555.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.164+/-0.566 χ^2/NDF : 627619.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

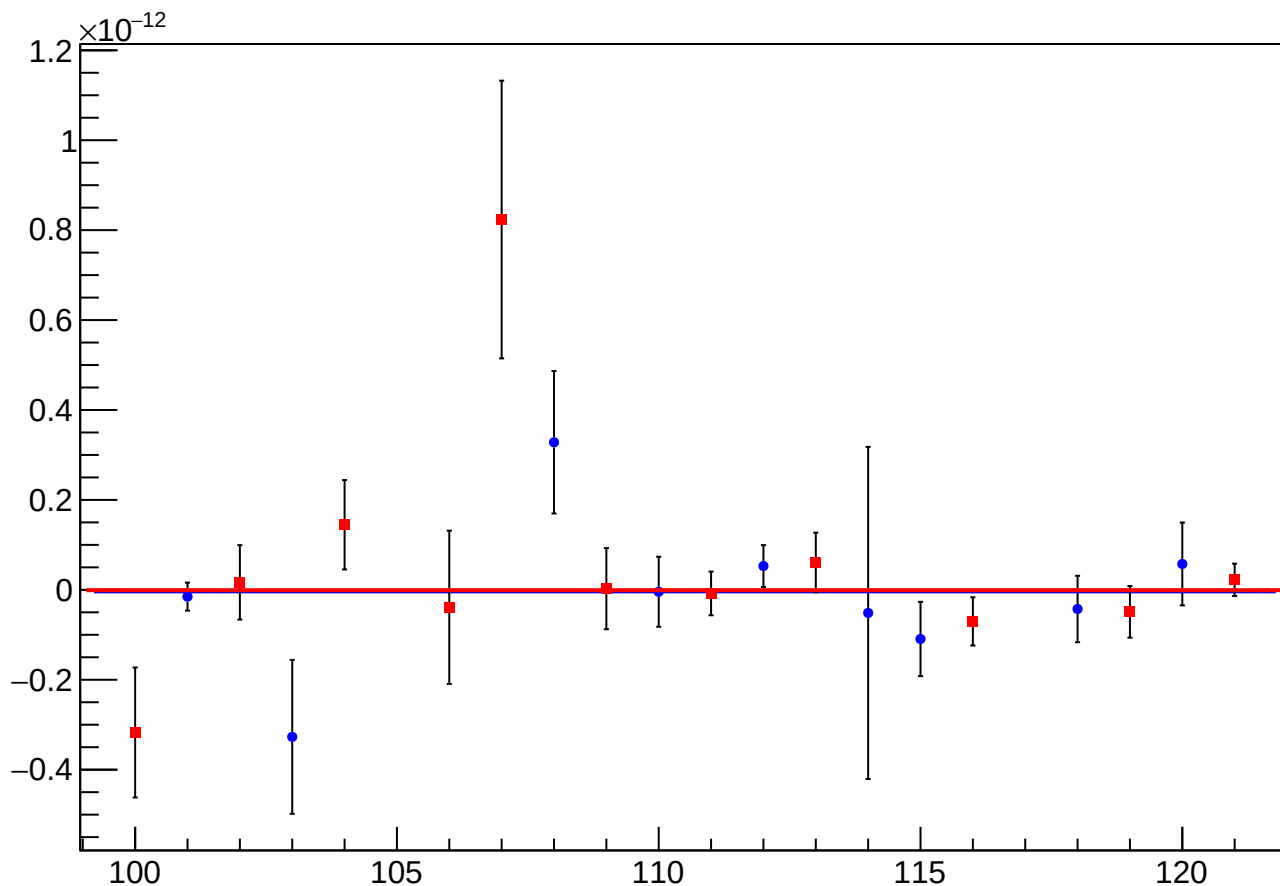
Right: 1629.587+/-0.419 χ^2/NDF : 1179319.7/19

In: 1624.037+/-0.623 χ^2/NDF : 551555.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.587+/-0.419 χ^2/NDF : 1179319.7/19

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 17.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

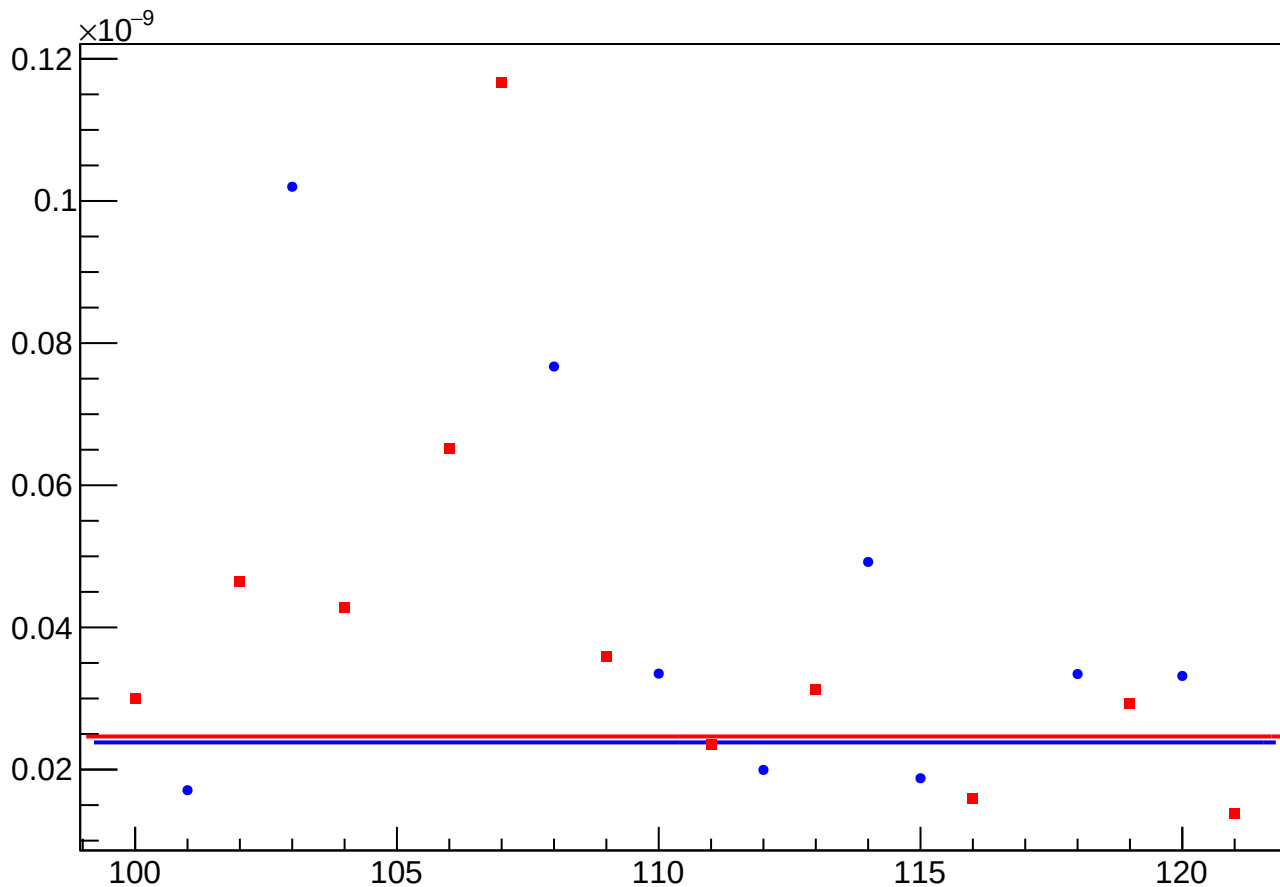
Right: -0.000+/-0.000 χ^2 /NDF: 29.8/19

In: -0.000+/-0.000 χ^2 /NDF:11.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.8/19

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 849459.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 798304.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

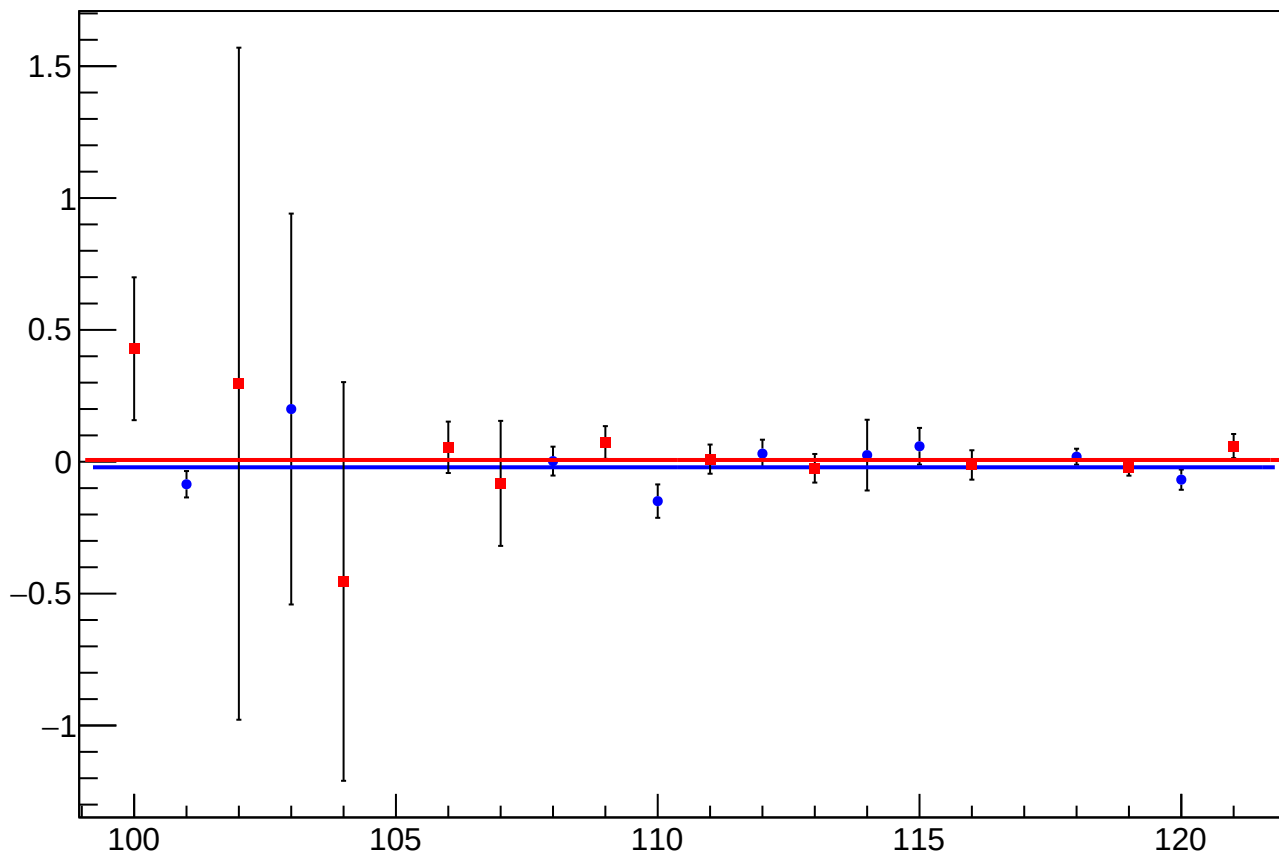
Right: 0.000+/-0.000 χ^2/NDF : 1649405.7/19

In: 0.000+/-0.000 χ^2/NDF : 849459.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1649405.7/19

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

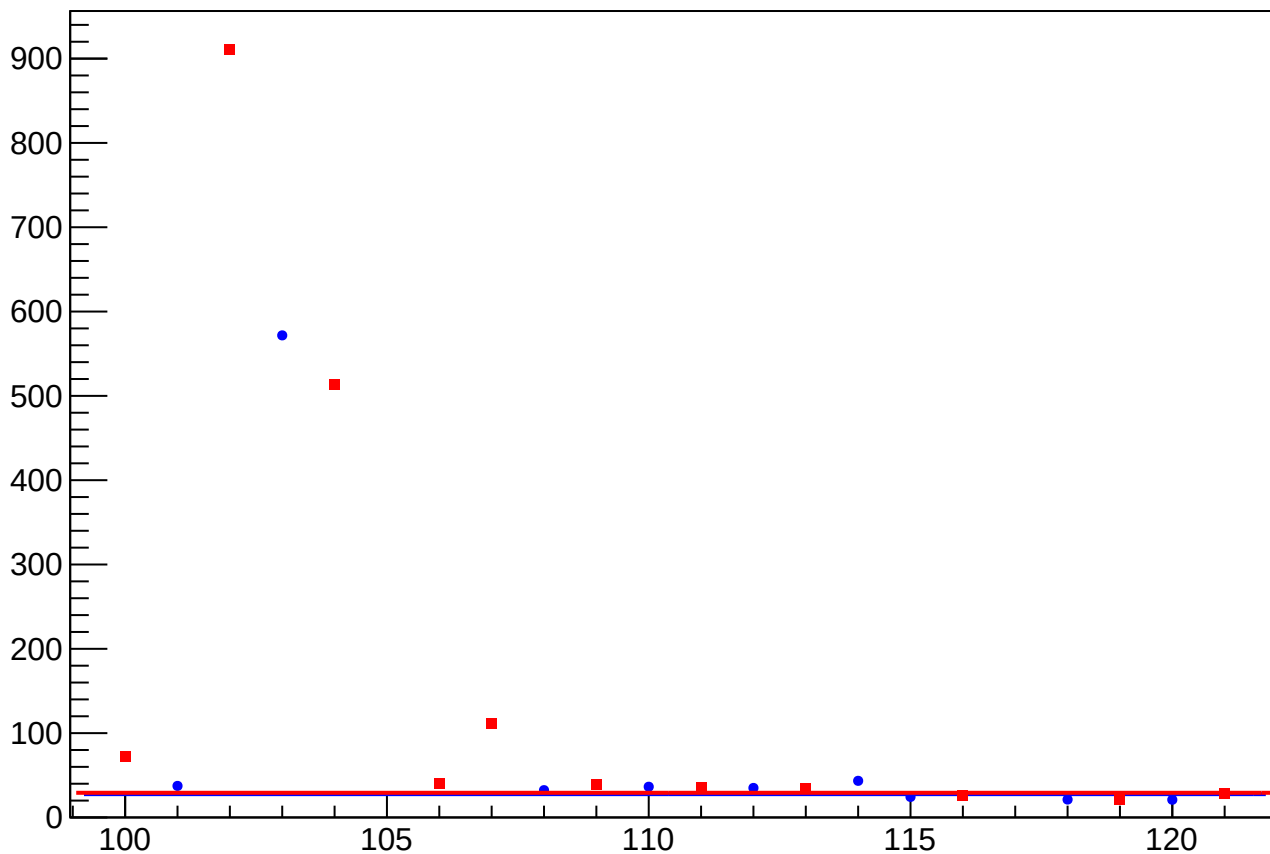
Right: -0.008+/-0.012 χ^2/NDF : 20.1/19

In: -0.021+/-0.017 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.012 χ^2/NDF : 20.1/19

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2357996.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

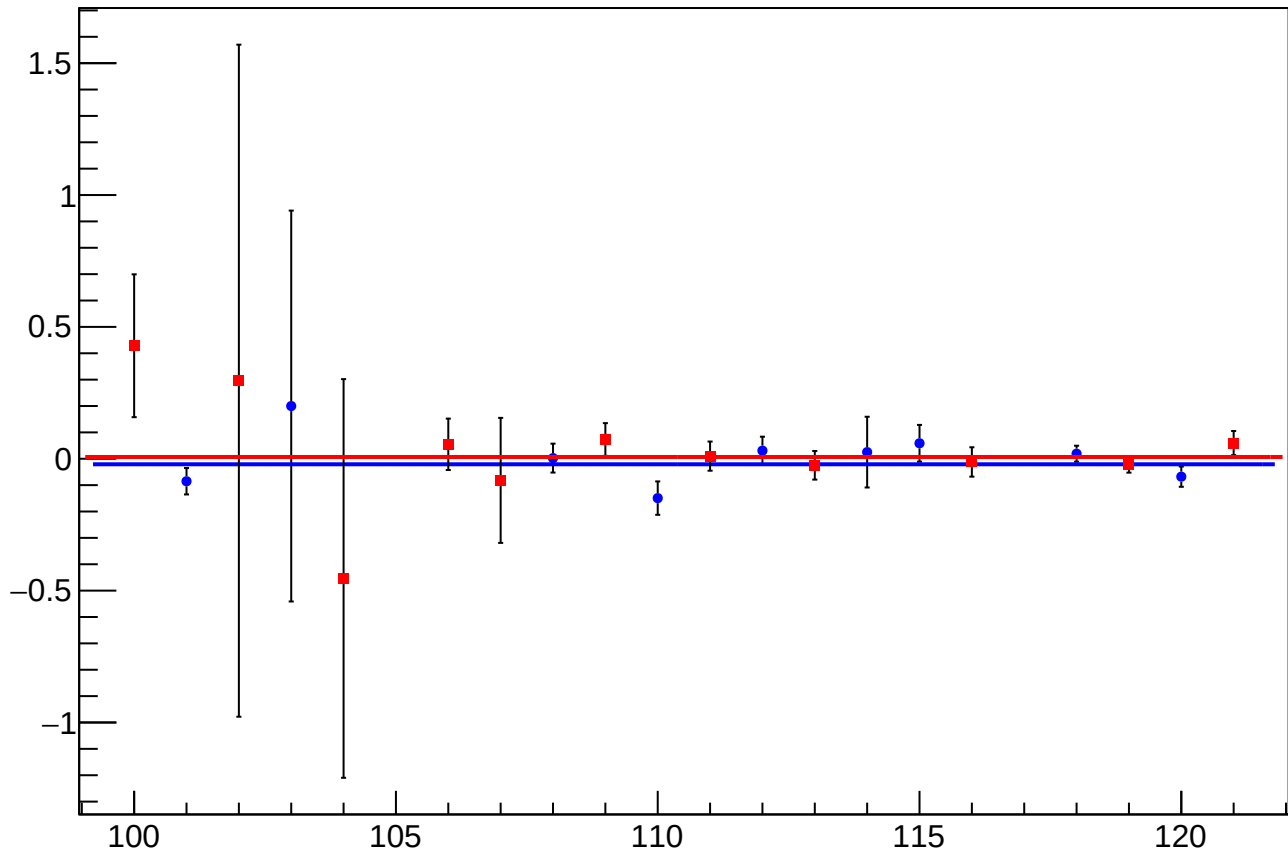
Right: 28.411+/-0.009 χ^2/NDF : 3793450.9/19

In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.411+/-0.009 χ^2/NDF : 3793450.9/19

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

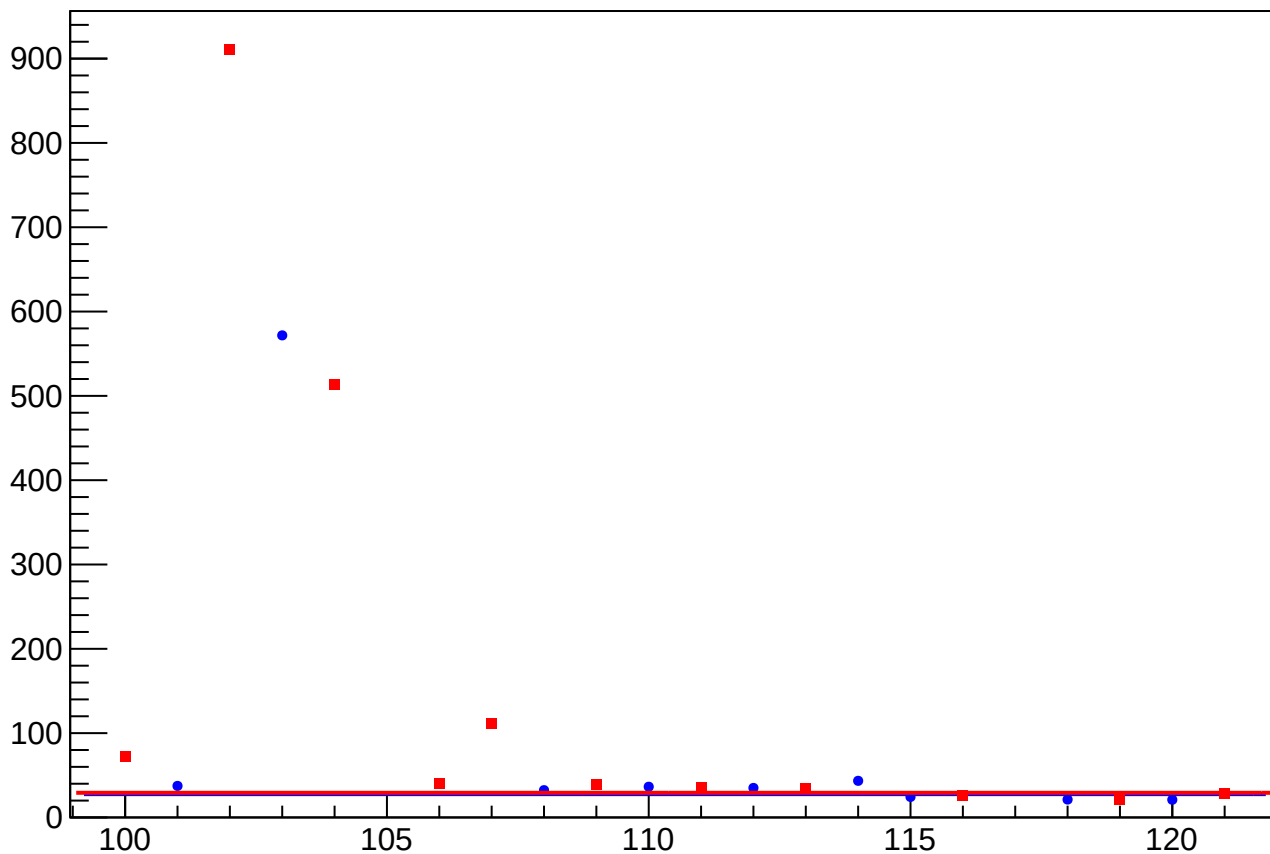
Right: -0.008+/-0.012 χ^2/NDF : 20.1/19

In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.012 χ^2/NDF : 20.1/19

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2357996.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

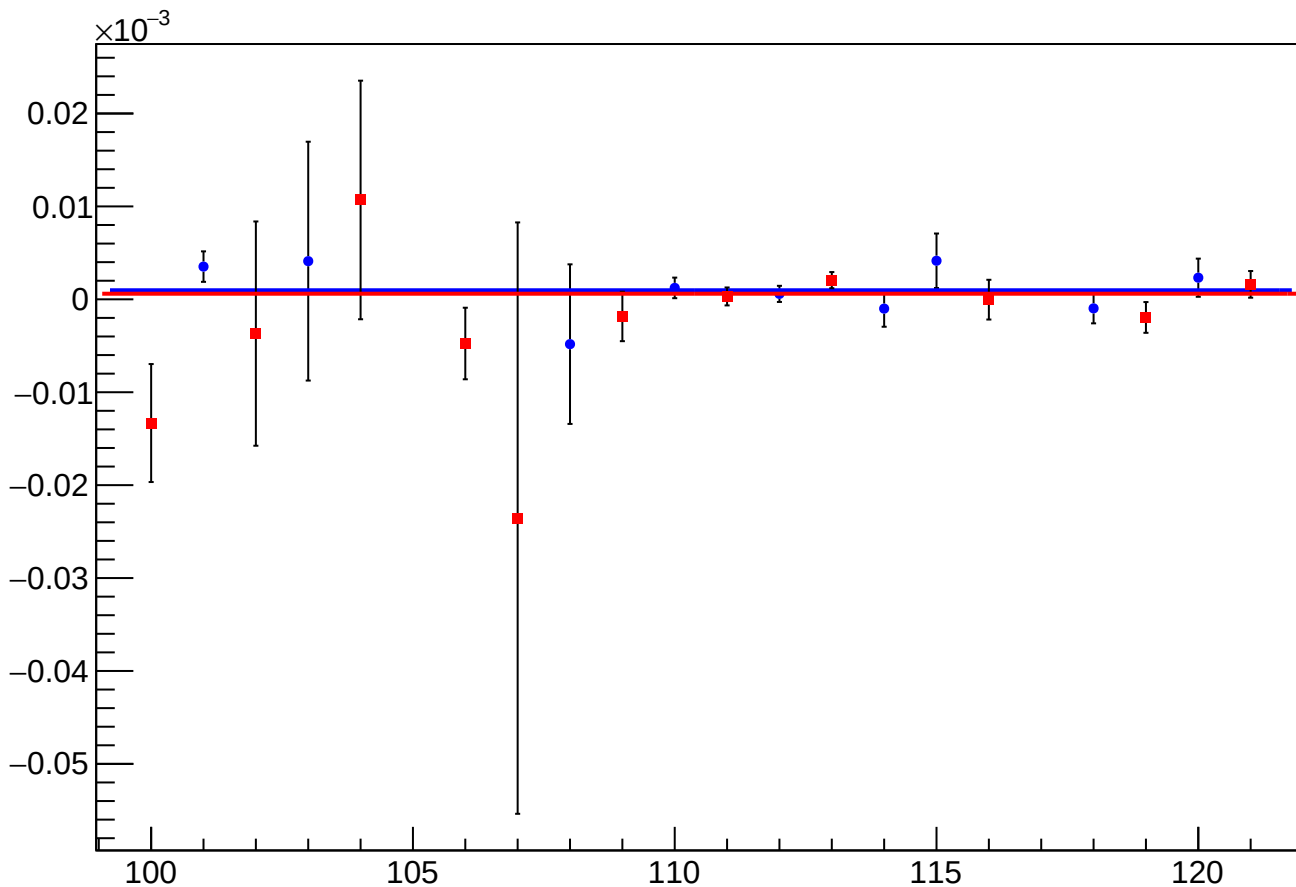
Right: 28.411+/-0.009 χ^2/NDF : 3793450.9/19

In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.411+/-0.009 χ^2/NDF : 3793450.9/19

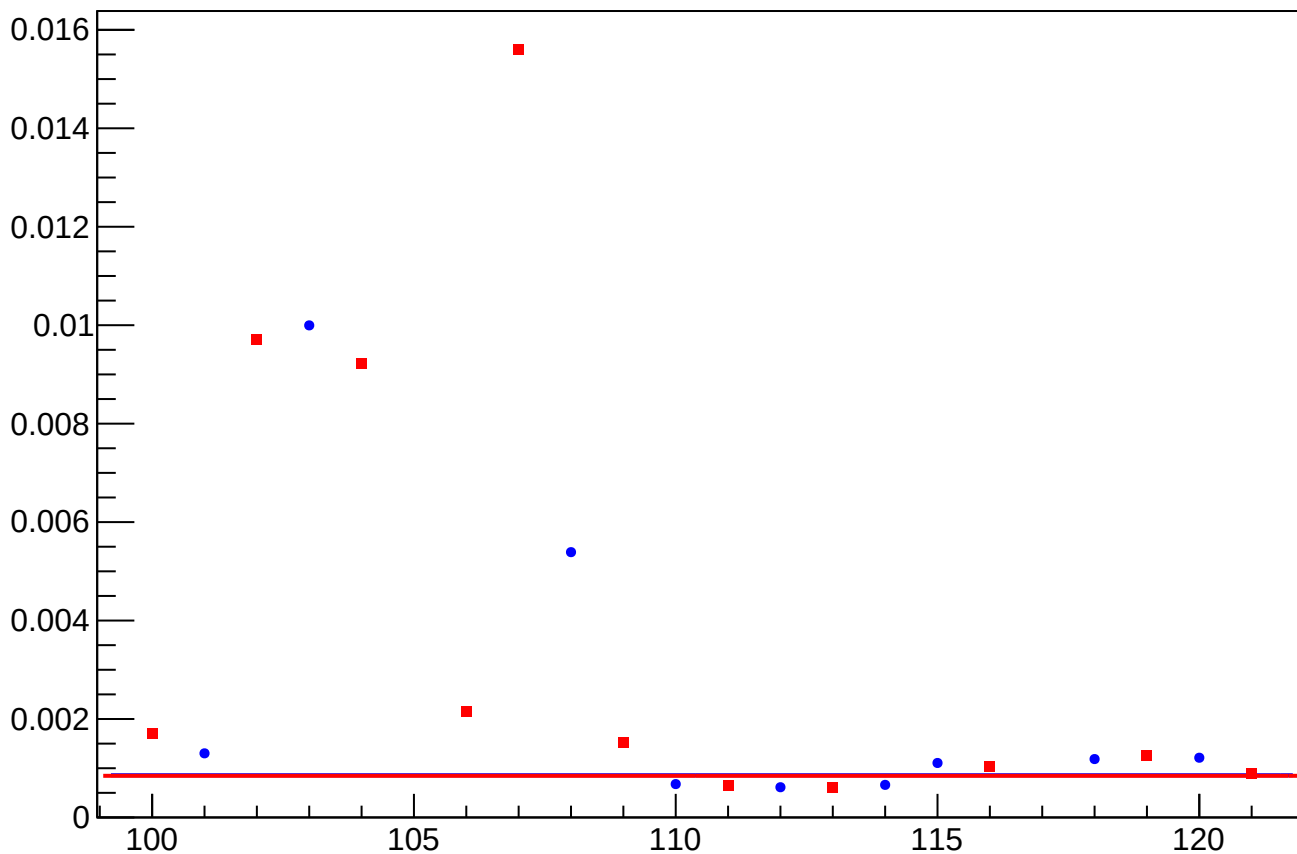
asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 22.3/19
 In: 0.000+/-0.000 χ^2/NDF : 7.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 22.3/19

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2102580.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3148206.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

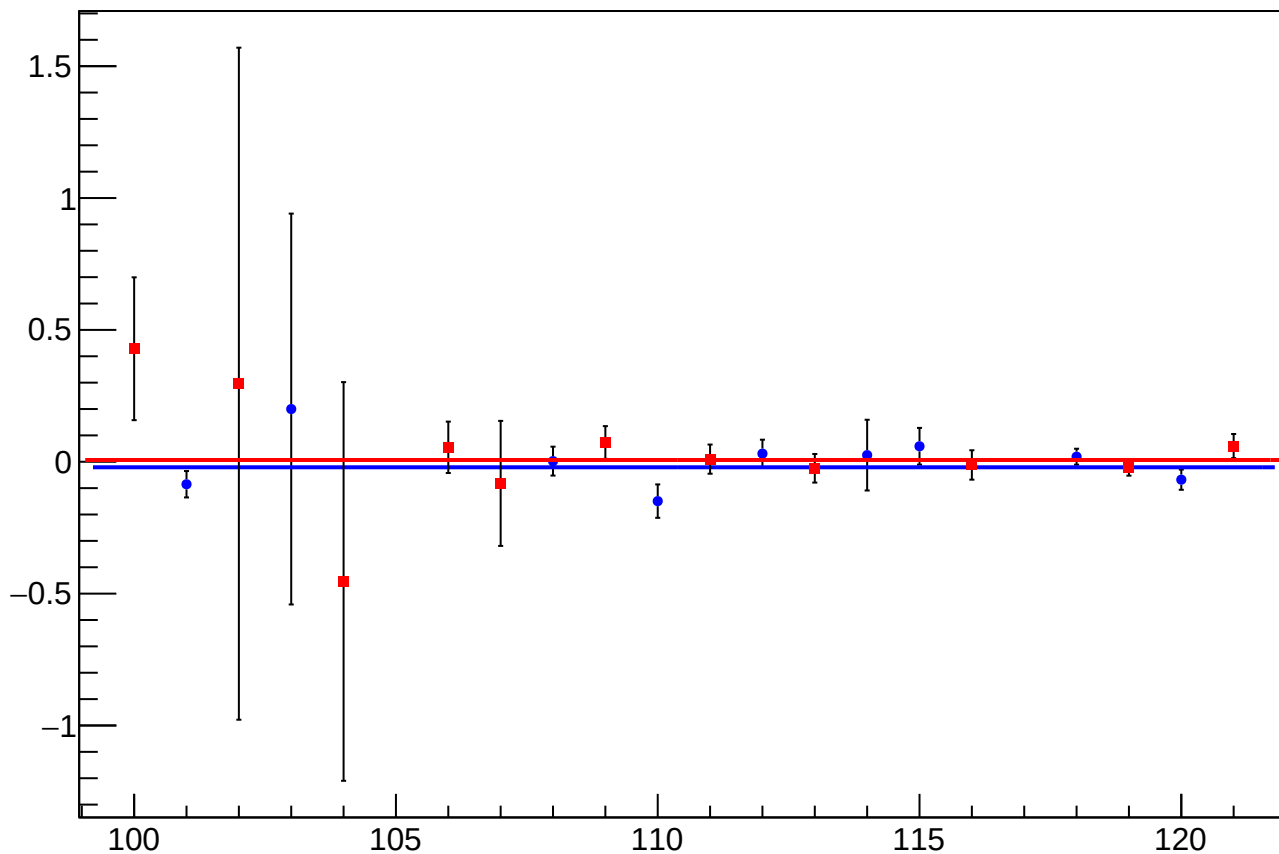
Right: 0.001+/-0.000 χ^2/NDF : 5251292.8/19

In: 0.001+/-0.000 χ^2/NDF : 2102580.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5251292.8/19

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

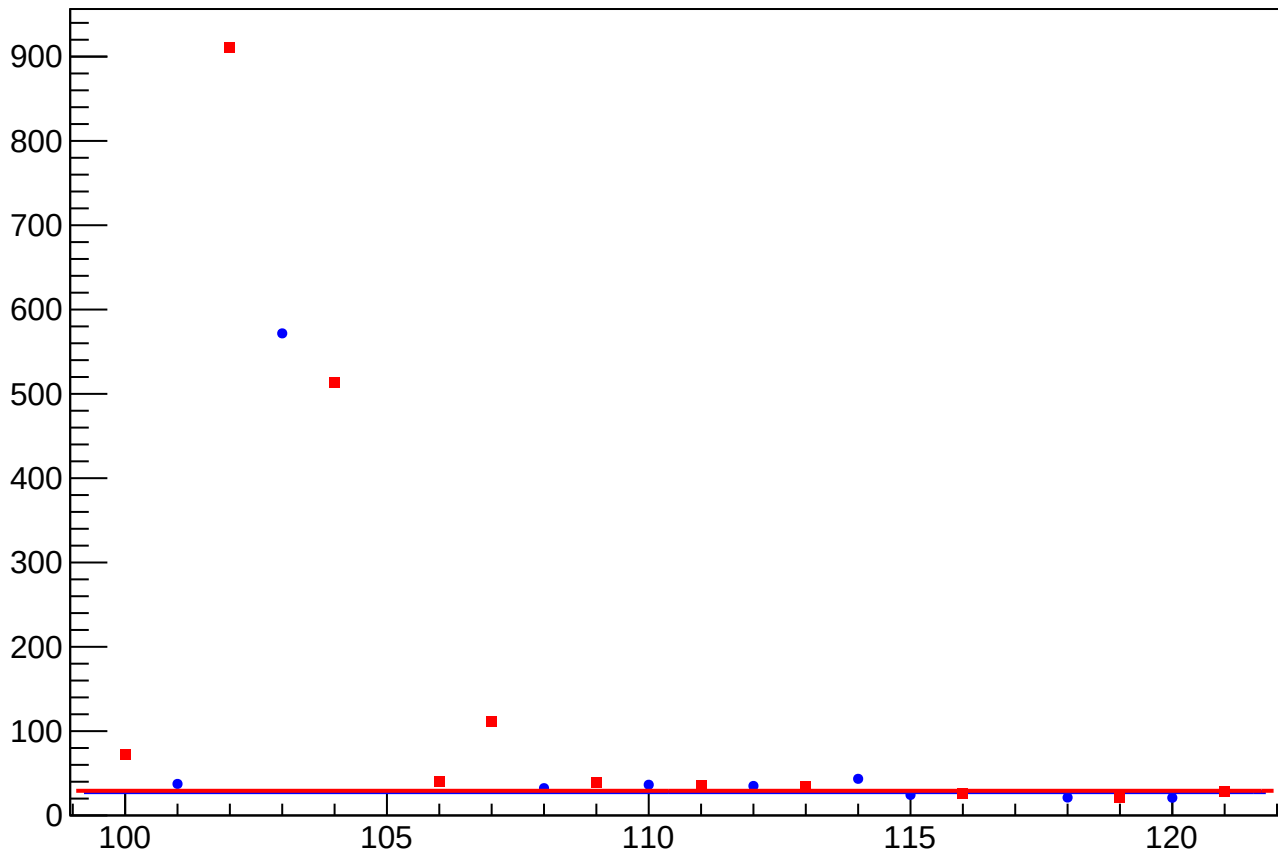
Right: -0.008+/-0.012 χ^2/NDF : 20.1/19

In: -0.021+/-0.017 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.012 χ^2/NDF : 20.1/19

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2358019.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

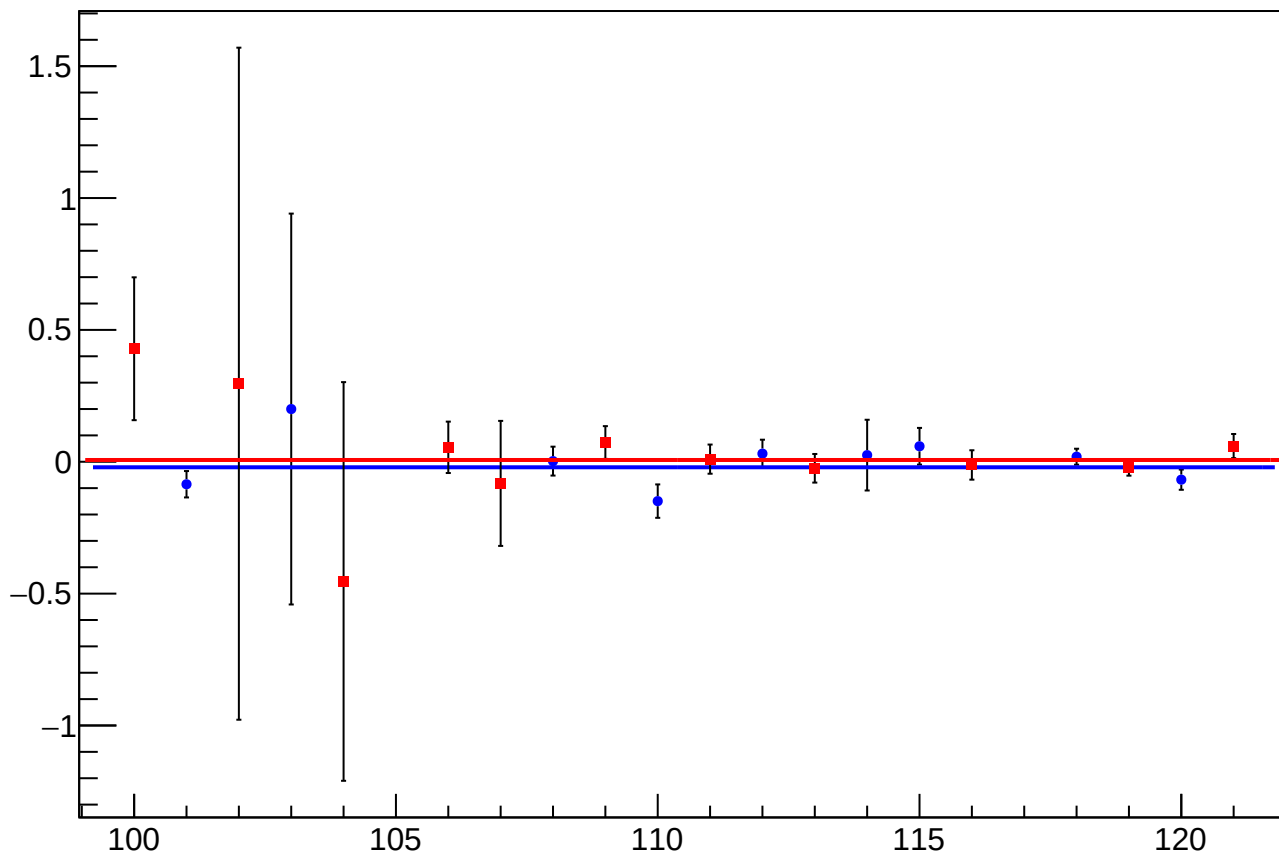
Right: 28.411+/-0.009 χ^2/NDF : 3793486.5/19

In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.411+/-0.009 χ^2/NDF : 3793486.5/19

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

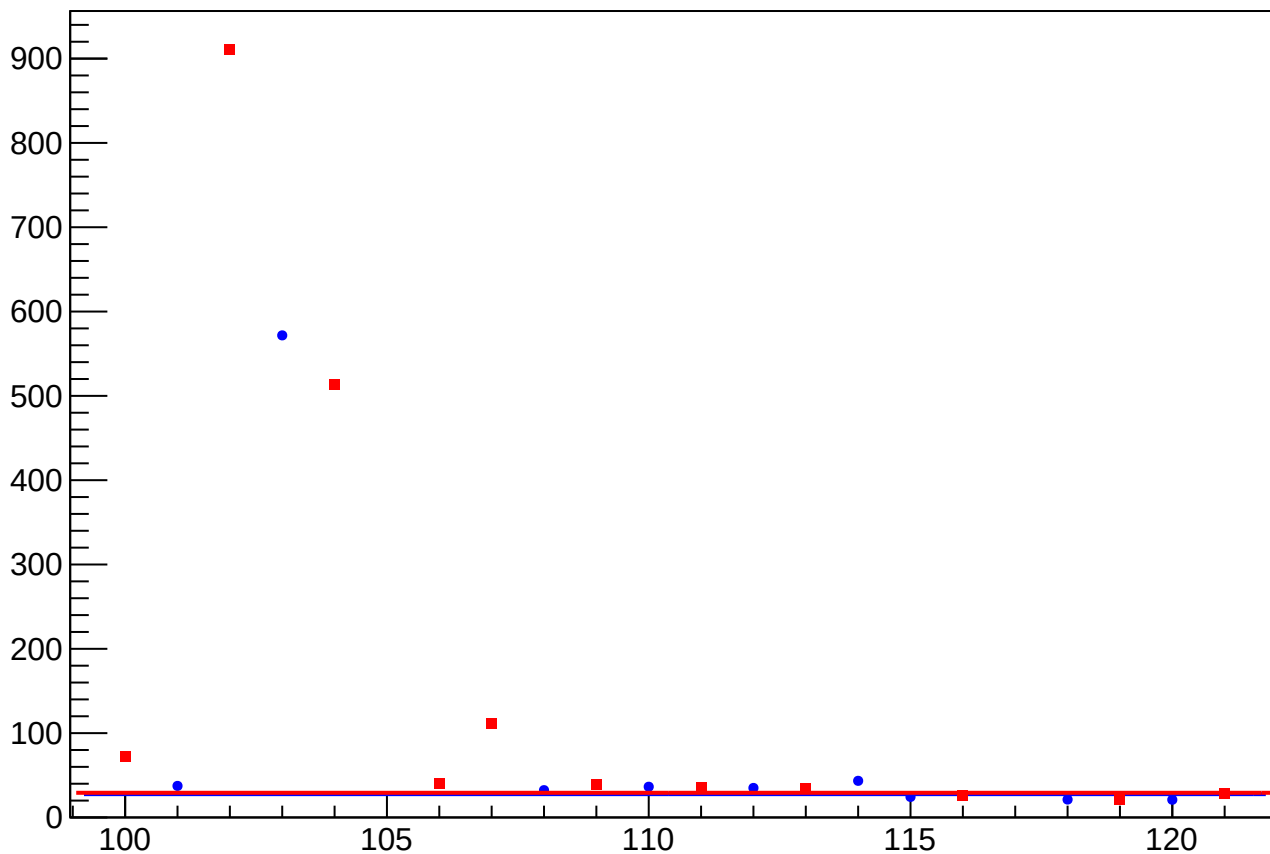
Right: -0.008+/-0.012 χ^2/NDF : 20.1/19

In: -0.021+/-0.017 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.012 χ^2/NDF : 20.1/19

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2358019.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

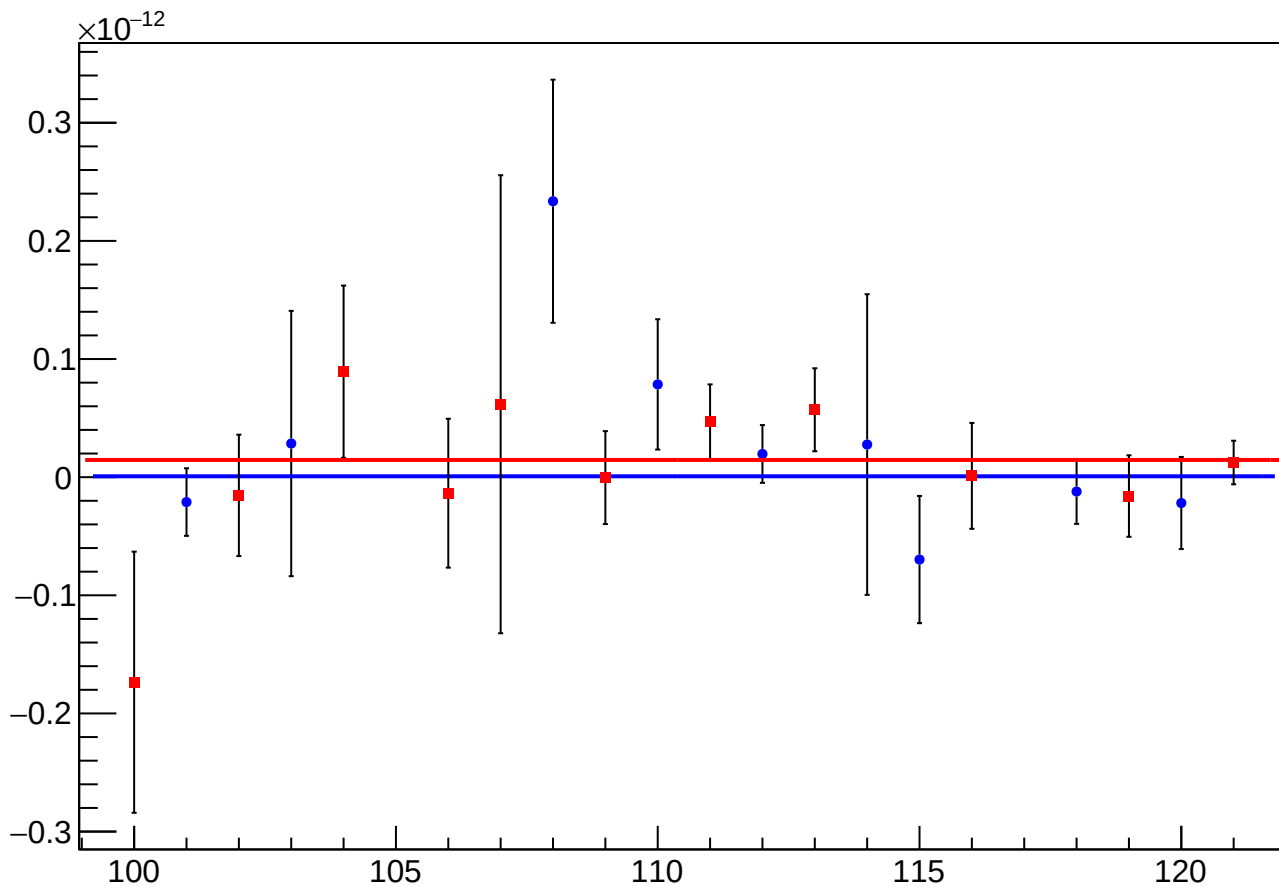
Right: 28.411+/-0.009 χ^2/NDF : 3793486.5/19

In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.411+/-0.009 χ^2/NDF : 3793486.5/19

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

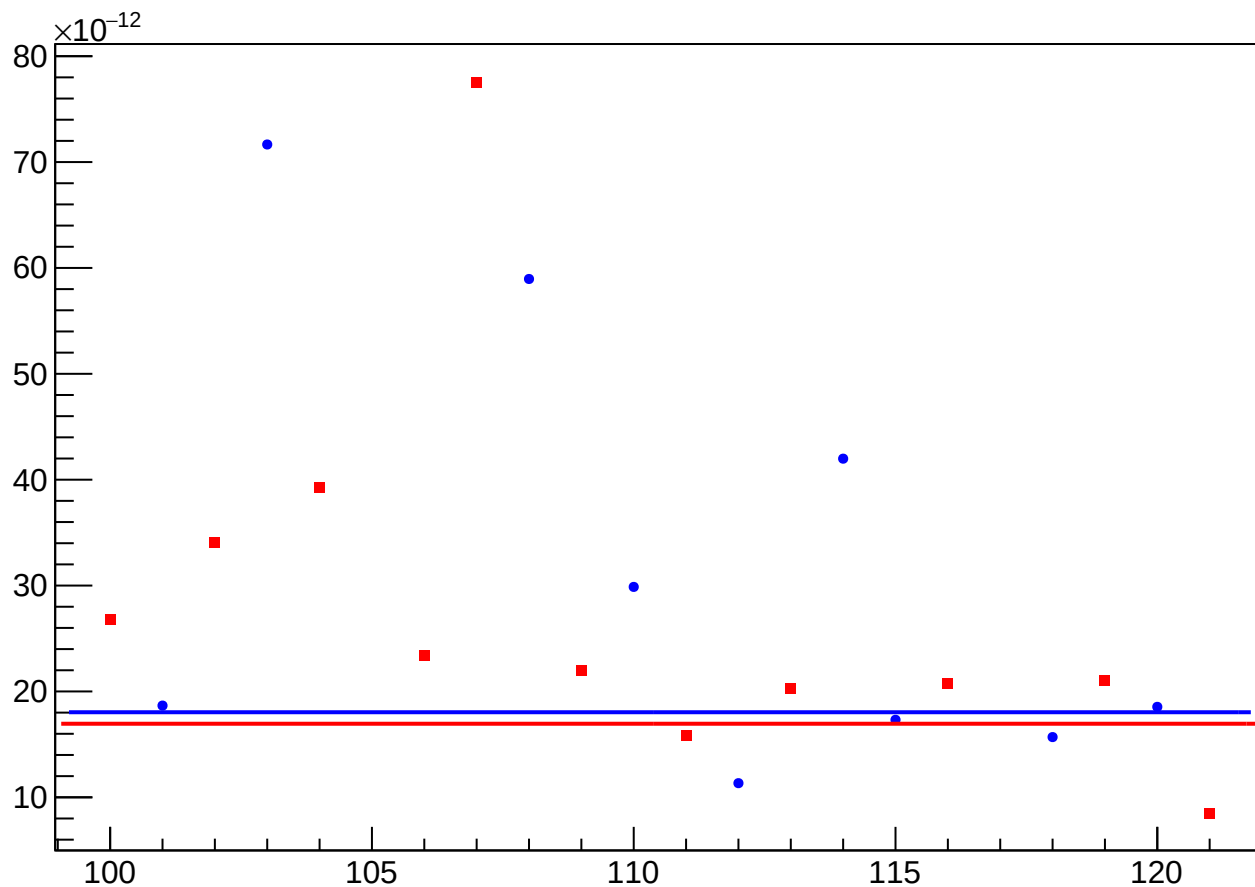
Right: 0.000+/-0.000 χ^2/NDF : 19.4/19

In: 0.000+/-0.000 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.4/19

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101791.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1161285.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

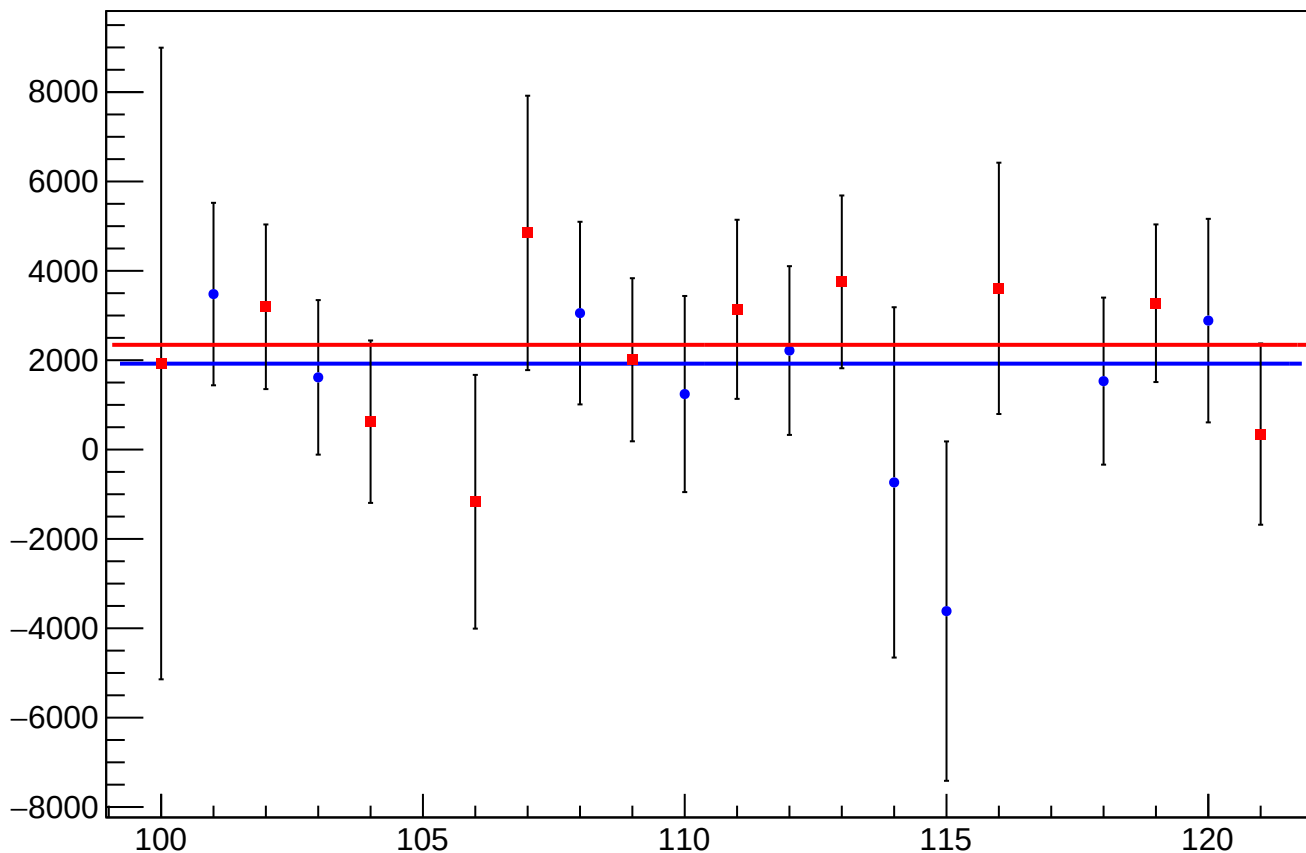
Right: 0.000+/-0.000 χ^2/NDF : 2270871.3/19

In: 0.000+/-0.000 χ^2/NDF :1101791.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2270871.3/19

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1922.679+/-722.665 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.039+/-651.658 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

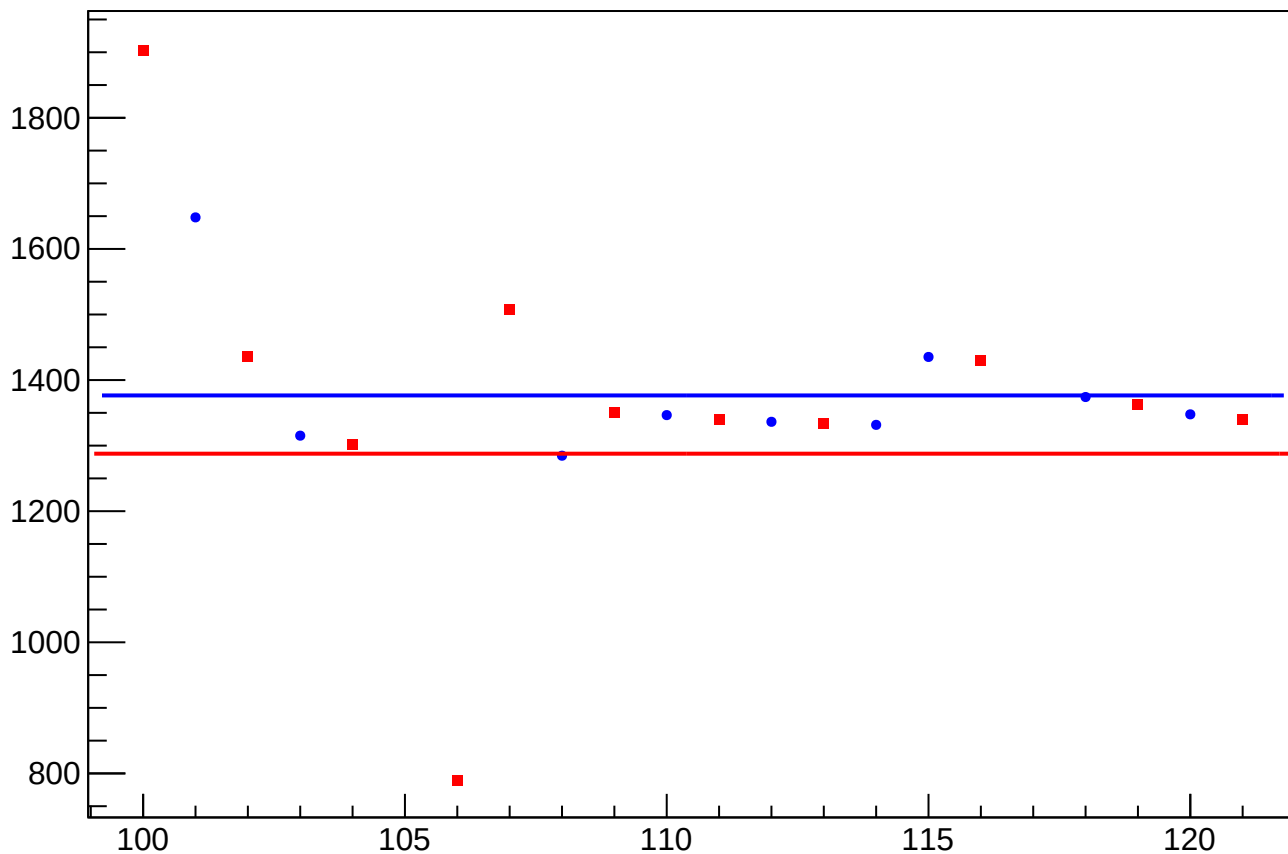
Right: 2155.071+/-483.954 χ^2/NDF : 9.5/19

In: 1922.679+/-722.665 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2155.071+/-483.954 χ^2/NDF : 9.5/19

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1376.547+/-0.511 χ^2/NDF : 44282.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.697+/-0.439 χ^2/NDF : 235388.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

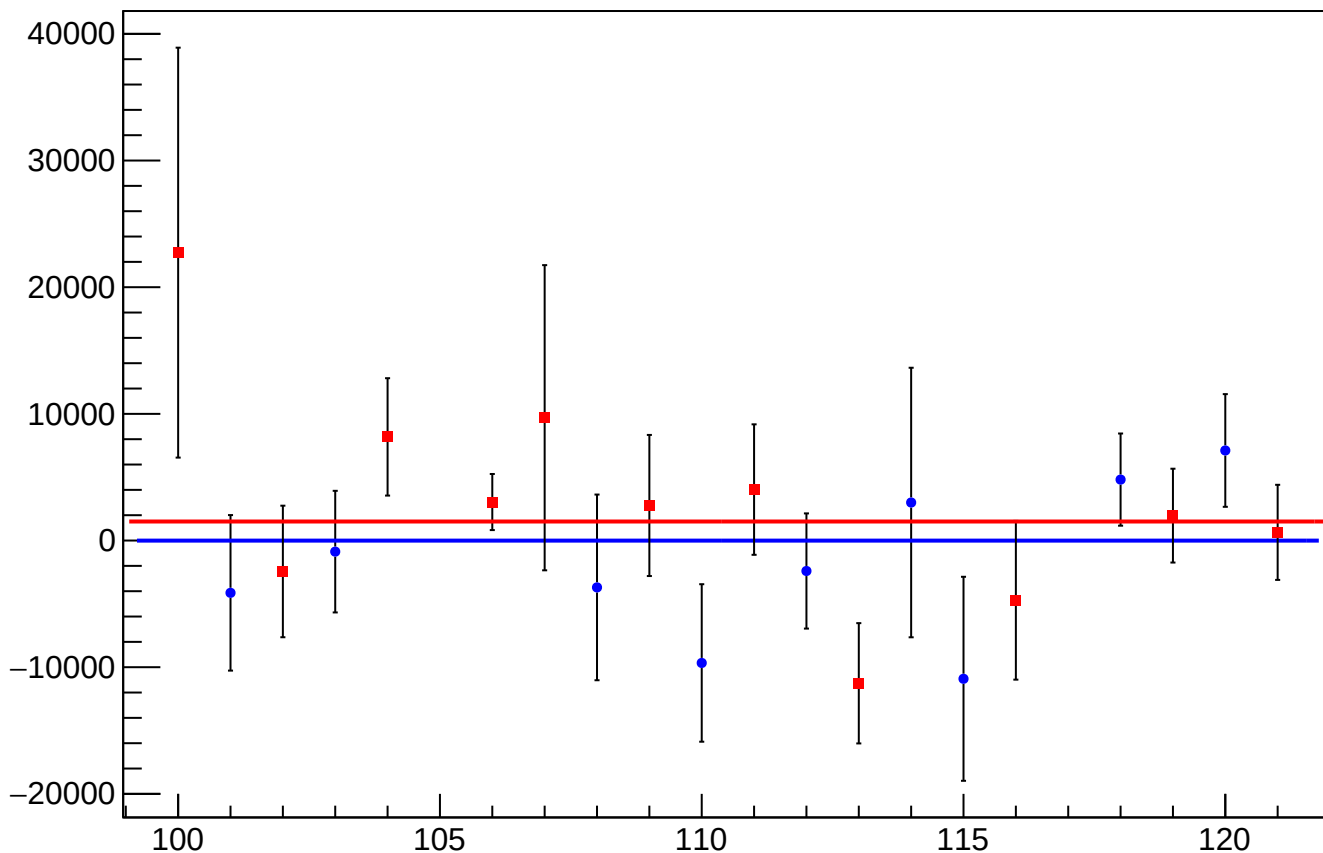
Right: 1325.397+/-0.333 χ^2/NDF : 297074.6/19

In: 1376.547+/-0.511 χ^2/NDF : 44282.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.397+/-0.333 χ^2/NDF : 297074.6/19

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -6.145+/-1787.220 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.547+/-1310.836 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

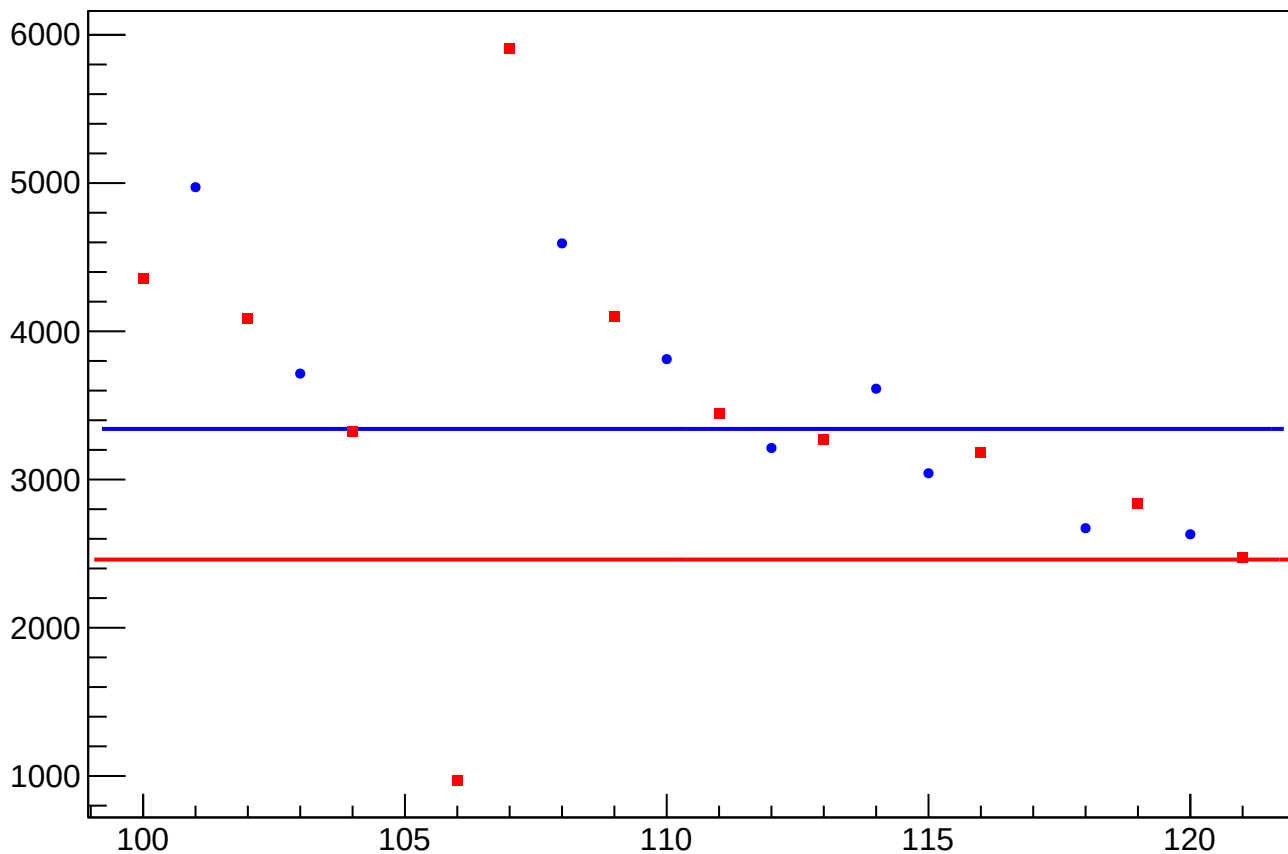
Right: 974.832+/-1057.006 χ^2/NDF : 24.0/19

In: -6.145+/-1787.220 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.832+/-1057.006 χ^2/NDF : 24.0/19

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3341.479+/-1.264 χ^2/NDF : 347476.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.204+/-0.927 χ^2/NDF : 1714809.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

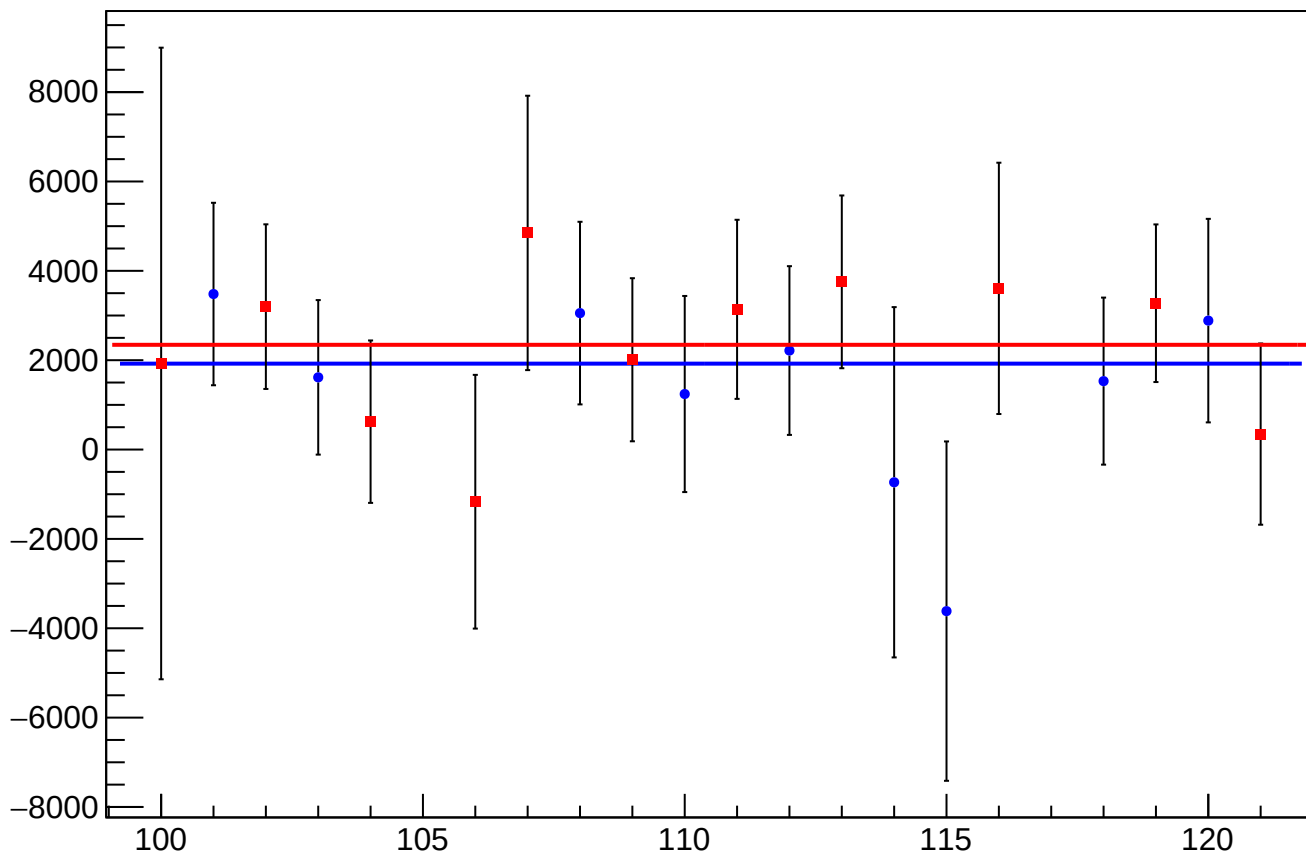
Right: 2768.459+/-0.747 χ^2/NDF : 2378480.8/19

In: 3341.479+/-1.264 χ^2/NDF : 347476.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2768.459+/-0.747 χ^2/NDF : 2378480.8/19

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.353+/-651.665 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

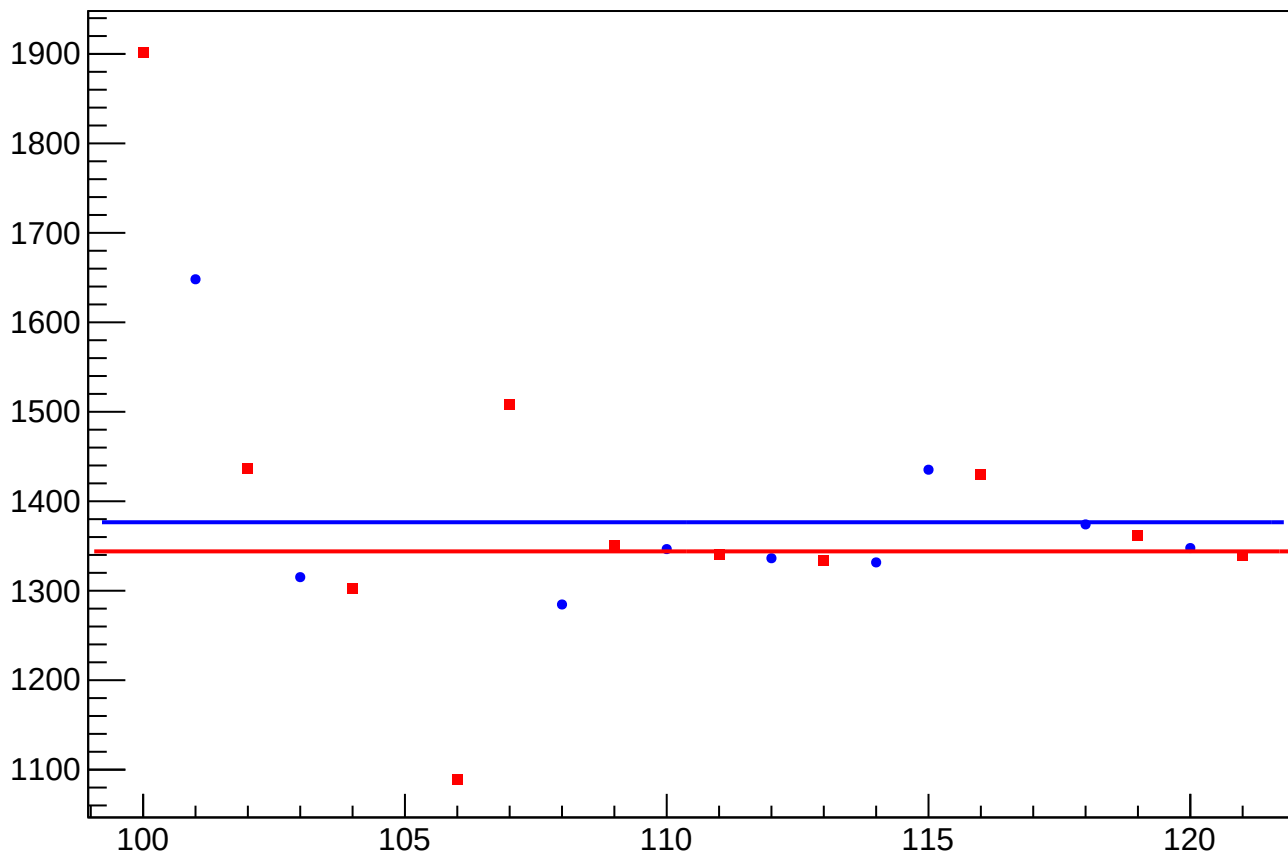
Right: 2155.301+/-483.957 χ^2/NDF : 9.5/19

In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2155.301+/-483.957 χ^2/NDF : 9.5/19

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.980+/-0.451 χ^2/NDF : 55630.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

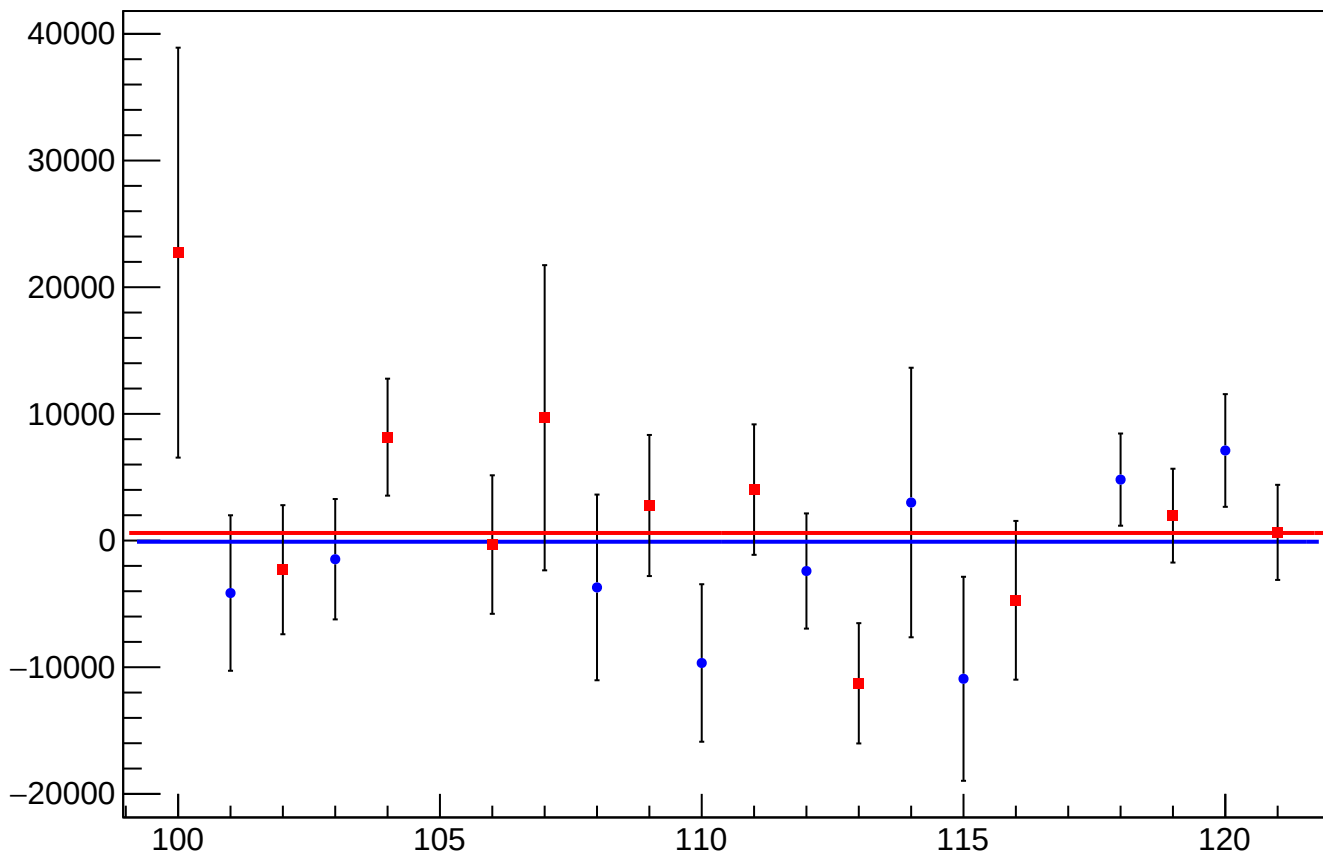
Right: 1358.249+/-0.338 χ^2/NDF : 102194.0/19

In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.249+/-0.338 χ^2/NDF : 102194.0/19

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -93.716+/-1784.633 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 598.777+/-1555.693 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

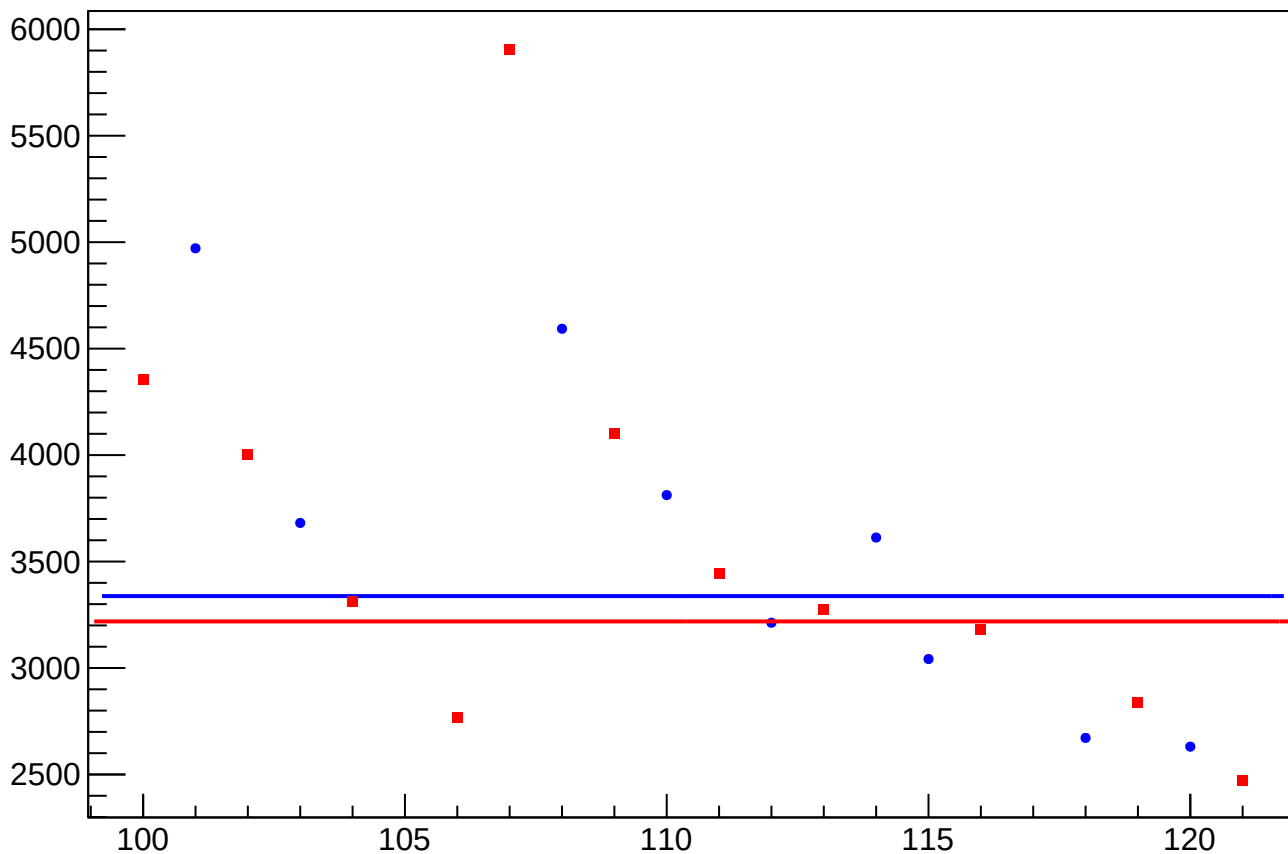
Right: 299.771+/-1172.685 χ^2/NDF : 23.0/19

In: -93.716+/-1784.633 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 299.771+/-1172.685 χ^2/NDF : 23.0/19

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3218.847+/-1.100 χ^2/NDF : 324993.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

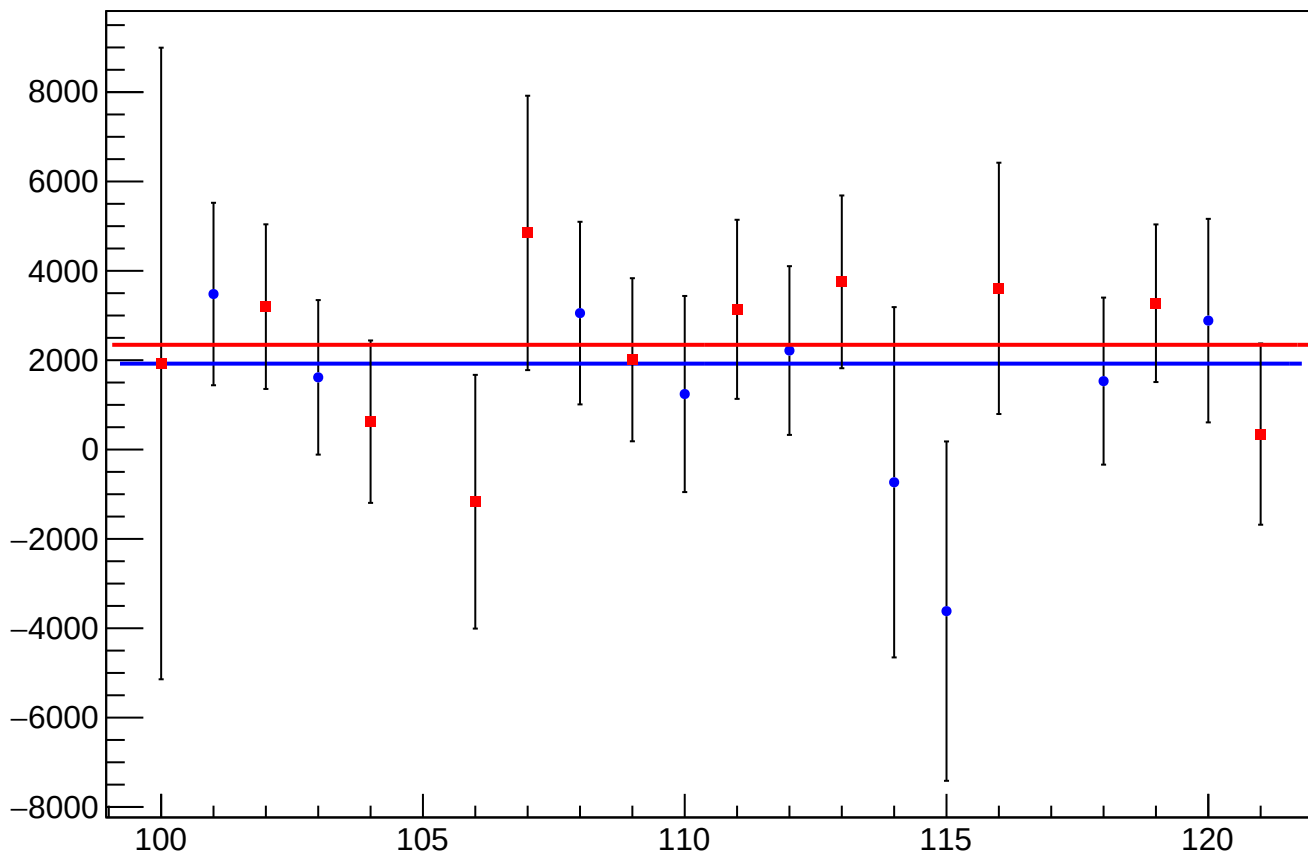
Right: 3270.199+/-0.829 χ^2/NDF : 675519.8/19

In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3270.199+/-0.829 χ^2/NDF : 675519.8/19

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.353+/-651.665 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

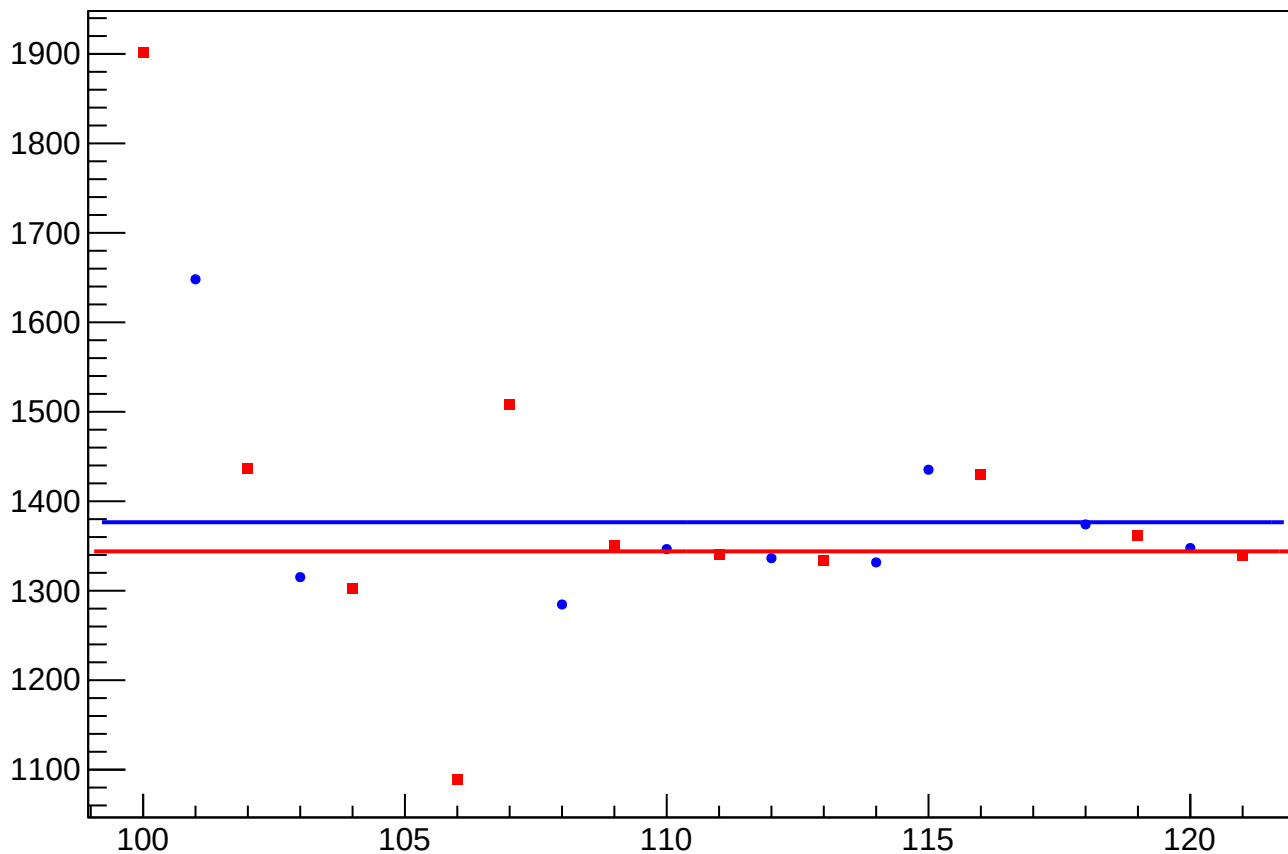
Right: 2155.301+/-483.957 χ^2/NDF : 9.5/19

In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2155.301+/-483.957 χ^2/NDF : 9.5/19

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.980+/-0.451 χ^2/NDF : 55630.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

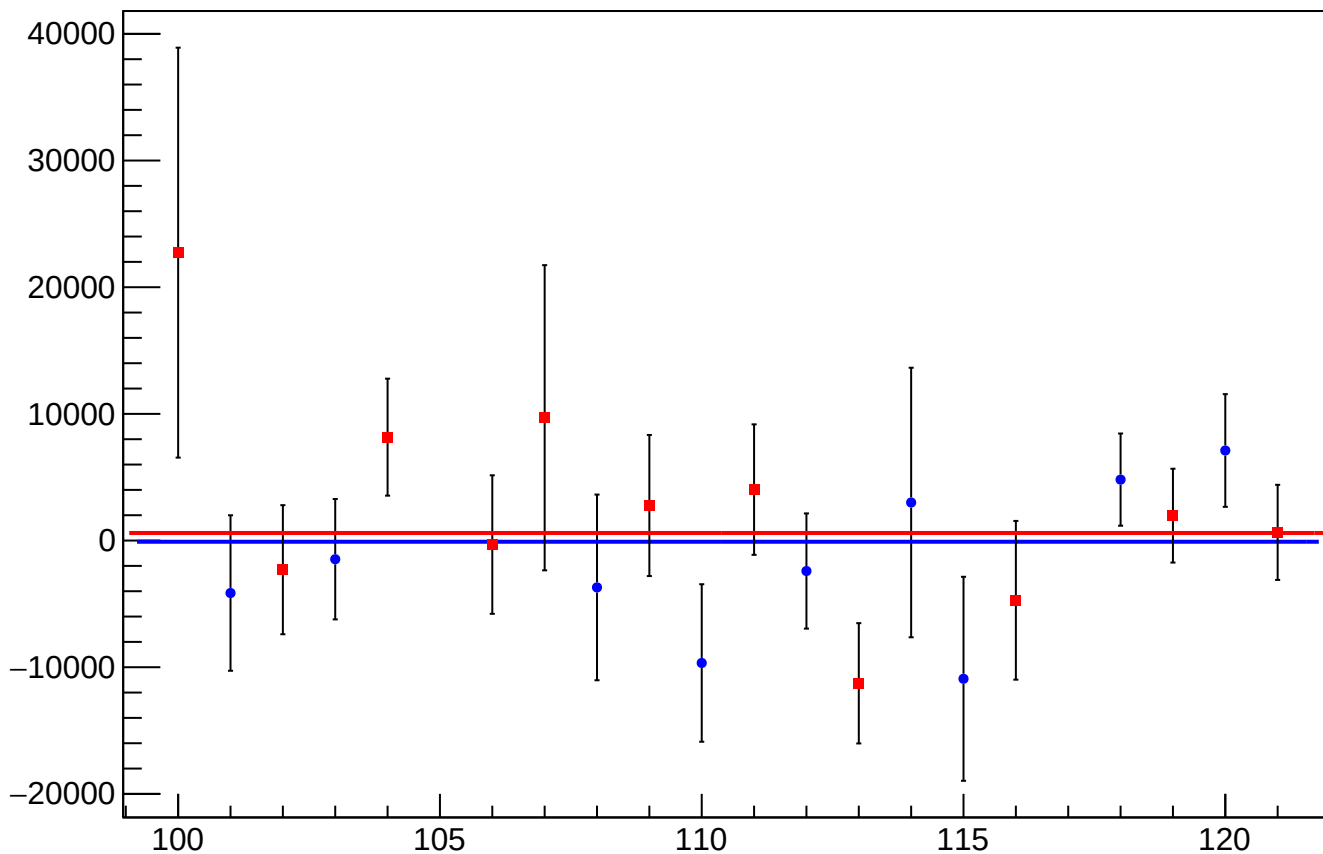
Right: 1358.249+/-0.338 χ^2/NDF : 102194.0/19

In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.249+/-0.338 χ^2/NDF : 102194.0/19

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -93.716+/-1784.633 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 598.777+/-1555.693 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

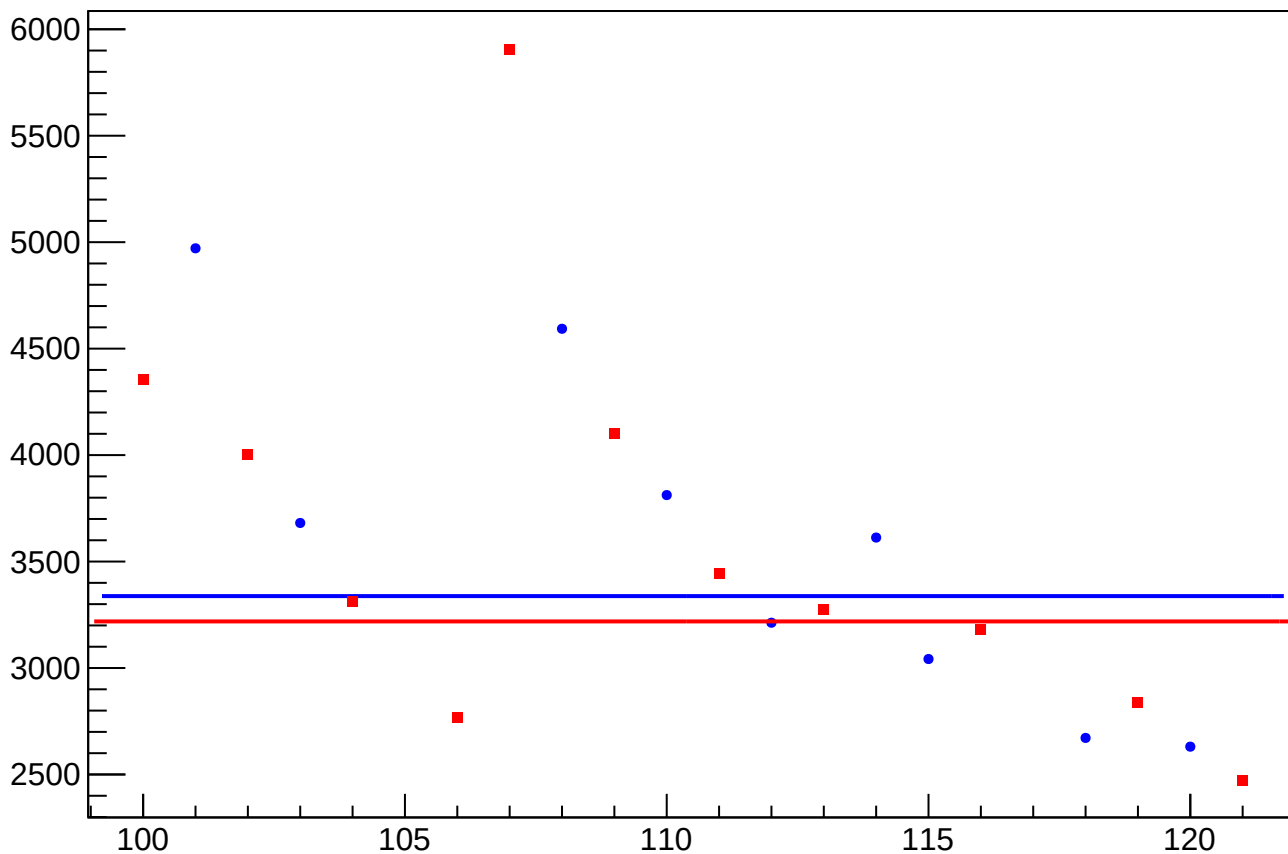
Right: 299.771+/-1172.685 χ^2/NDF : 23.0/19

In: -93.716+/-1784.633 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 299.771+/-1172.685 χ^2/NDF : 23.0/19

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3218.847+/-1.100 χ^2/NDF : 324993.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

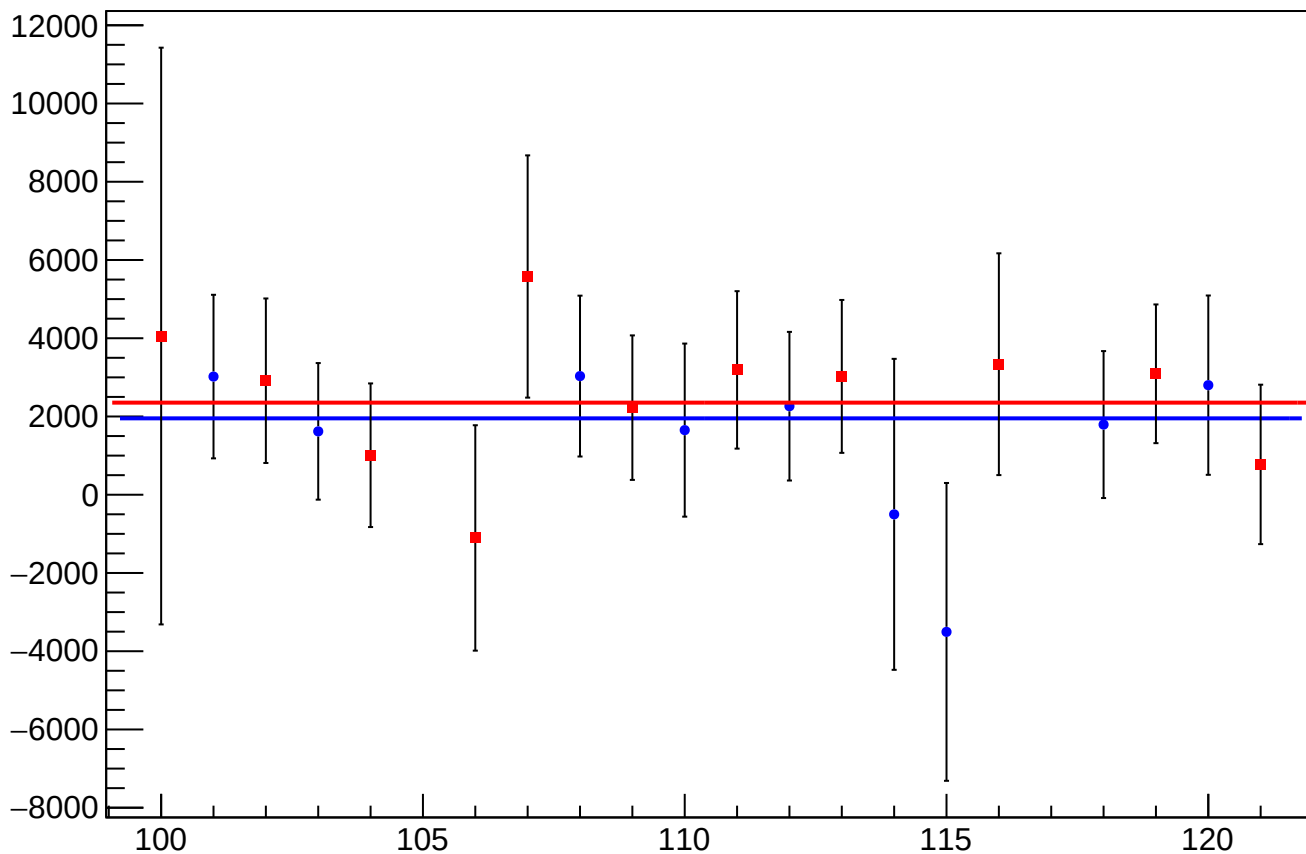
Right: 3270.199+/-0.829 χ^2/NDF : 675519.8/19

In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3270.199+/-0.829 χ^2/NDF : 675519.8/19

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.291+/-729.085 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.963+/-666.423 χ^2/NDF : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

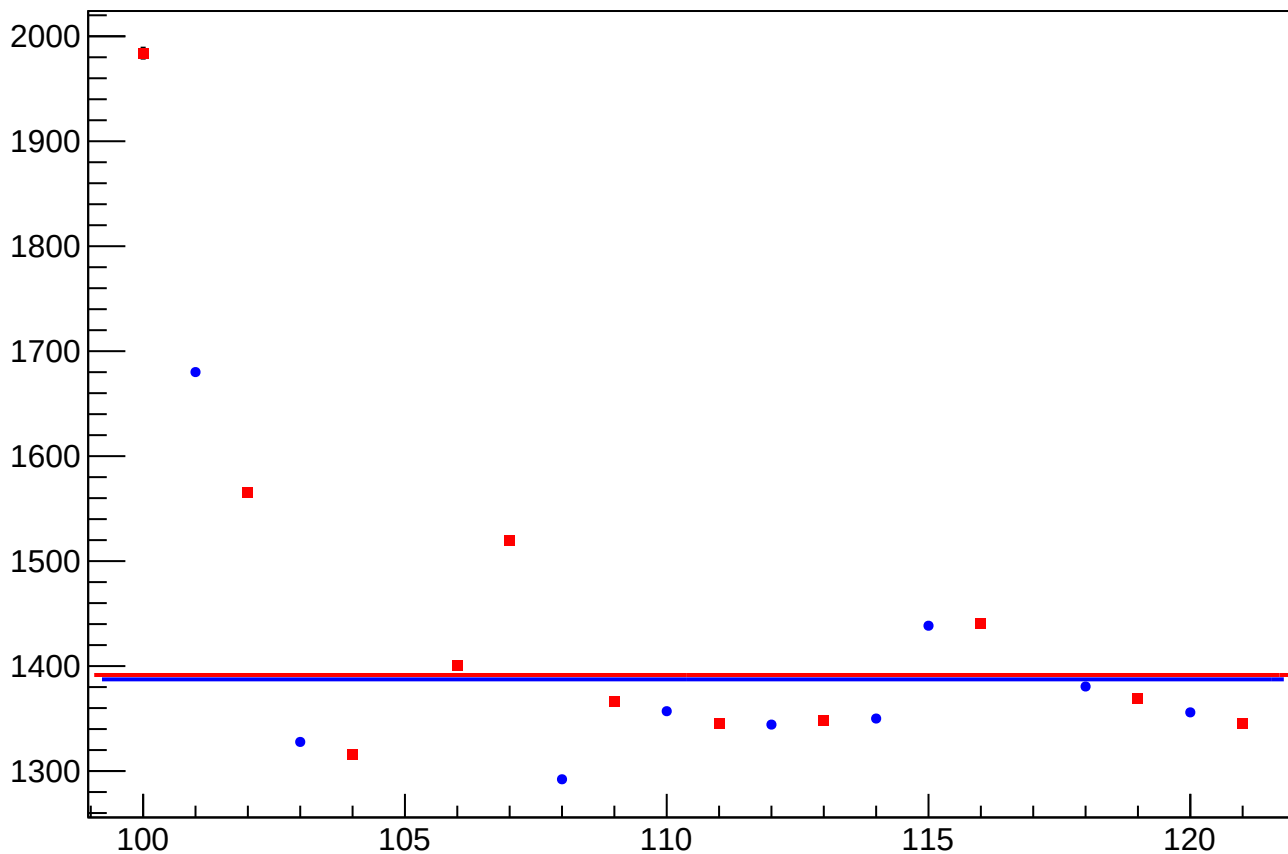
Right: 2171.126+/-491.896 χ^2/NDF : 7.7/19

In: 1952.291+/-729.085 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2171.126+/-491.896 χ^2/NDF : 7.7/19

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1387.358+/-0.516 χ^2/NDF : 48182.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.515+/-0.469 χ^2/NDF : 37824.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

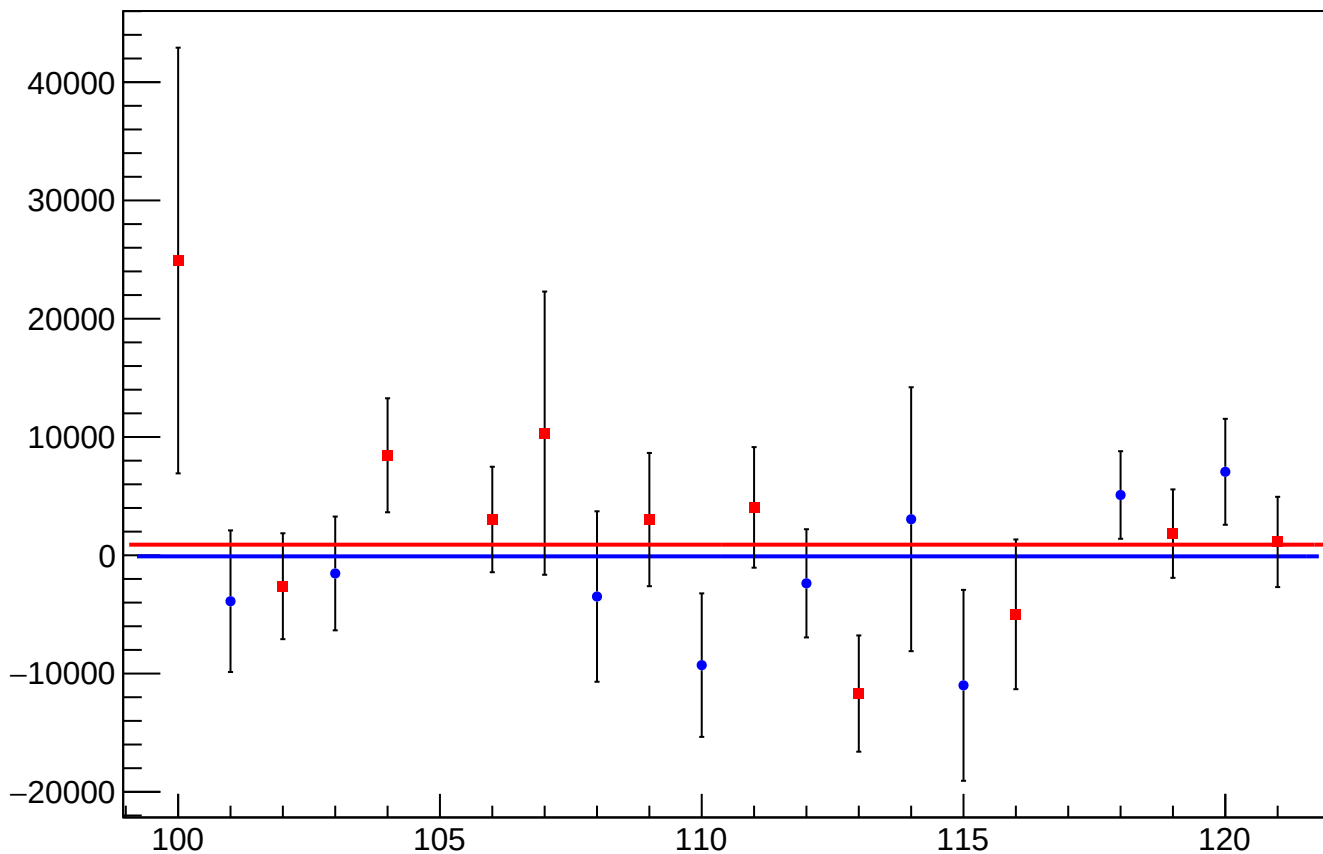
Right: 1389.632+/-0.347 χ^2/NDF : 86042.3/19

In: 1387.358+/-0.516 χ^2/NDF : 48182.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.632+/-0.347 χ^2/NDF : 86042.3/19

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -90.441 ± 1791.631 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 897.252 ± 1525.251 χ^2/NDF : 13.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

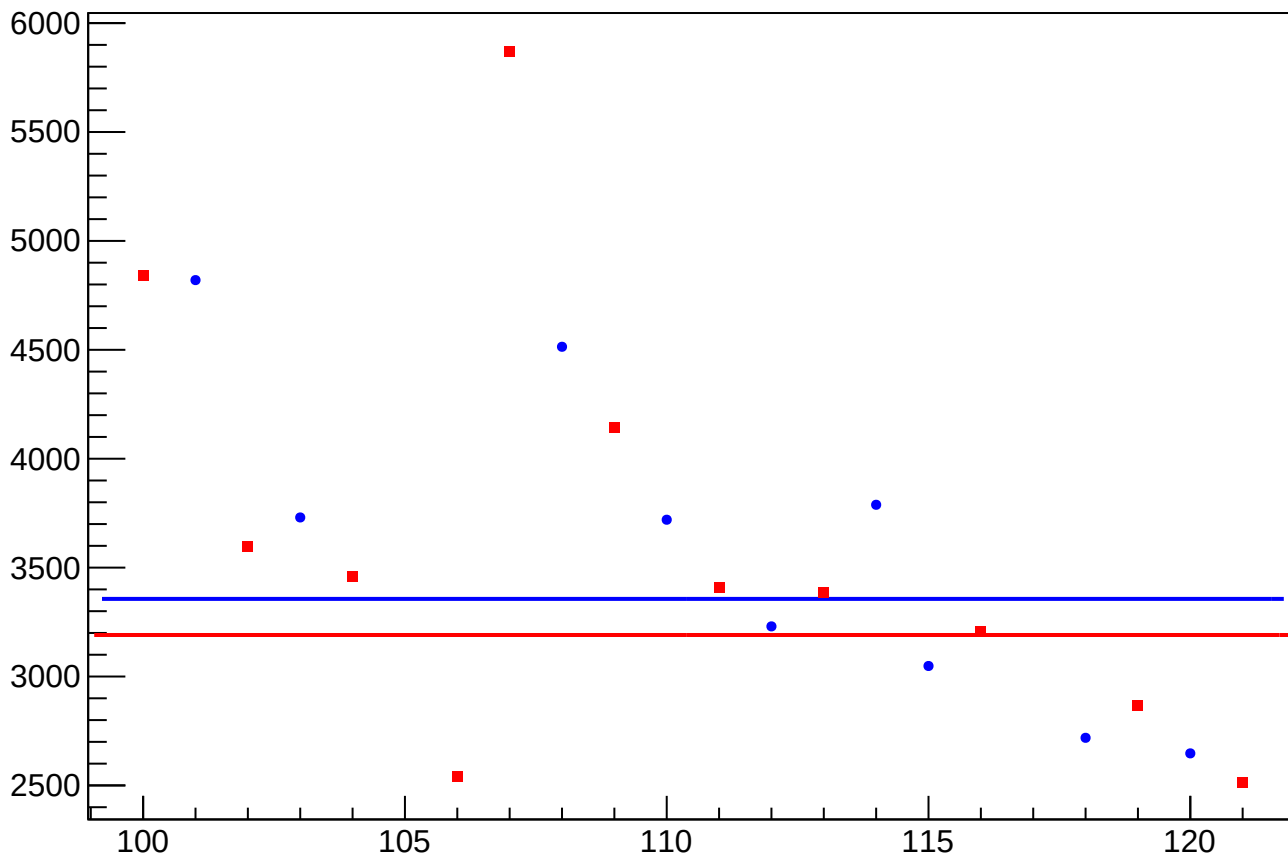
Right: 482.219 ± 1161.392 χ^2/NDF : 23.6/19

In: -90.441 ± 1791.631 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 482.219 ± 1161.392 χ^2/NDF : 23.6/19

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3356.411+/-1.267 χ^2/NDF : 307340.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3190.670+/-1.079 χ^2/NDF : 324278.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

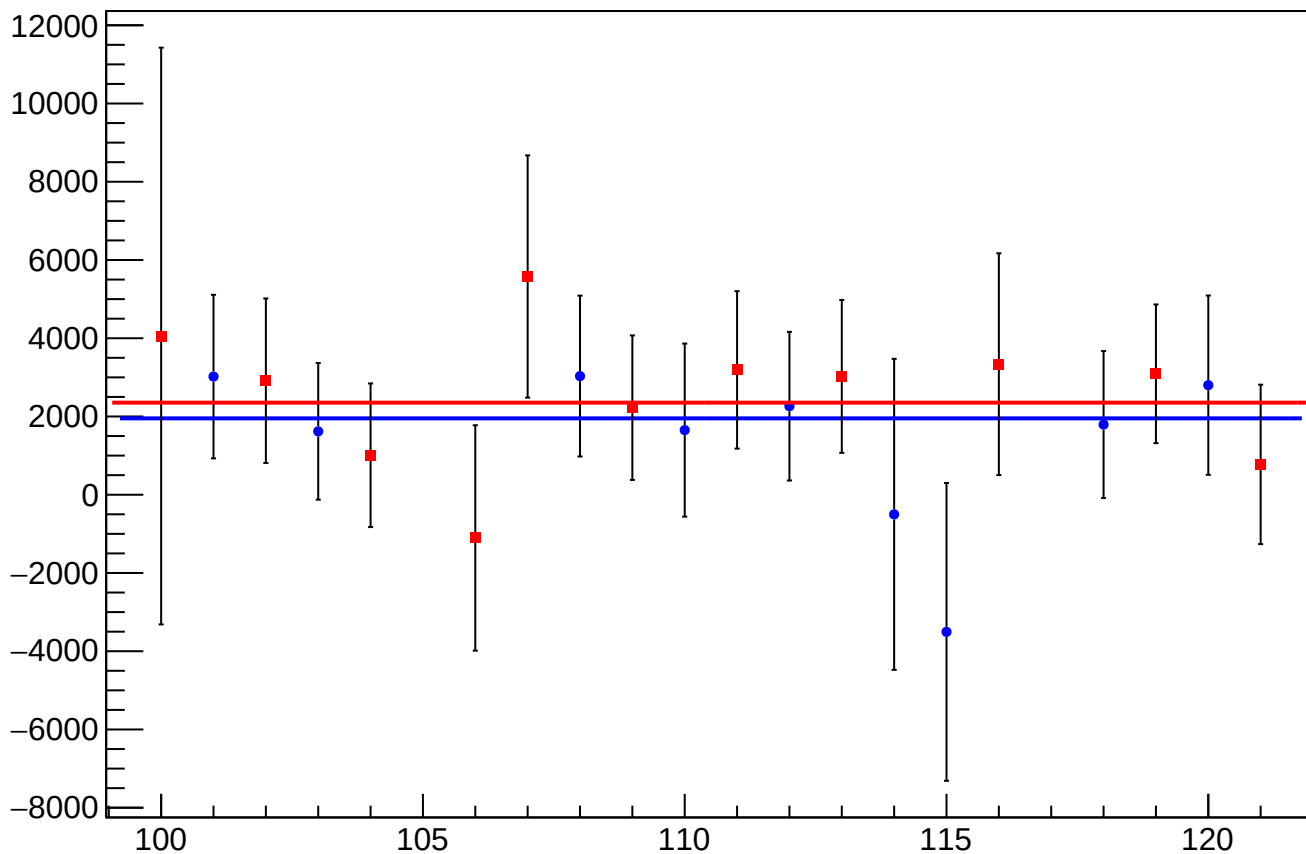
Right: 3260.315+/-0.821 χ^2/NDF : 641542.8/19

In: 3356.411+/-1.267 χ^2/NDF : 307340.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3260.315+/-0.821 χ^2/NDF : 641542.8/19

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.292+/-729.085 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.970+/-666.423 χ^2/NDF : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

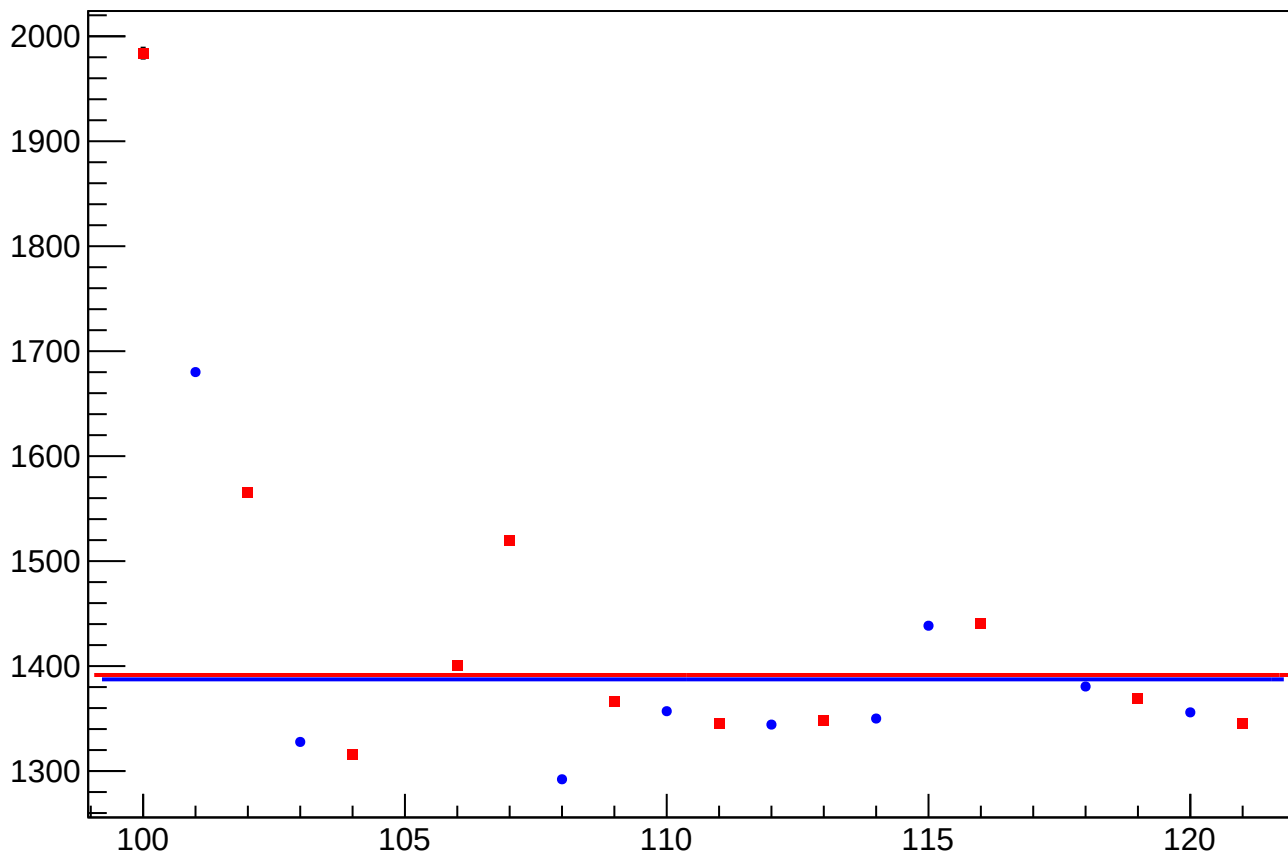
Right: 2171.131+/-491.896 χ^2/NDF : 7.7/19

In: 1952.292+/-729.085 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2171.131+/-491.896 χ^2/NDF : 7.7/19

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1387.358+/-0.516 χ^2/NDF : 48182.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.515+/-0.469 χ^2/NDF : 37824.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

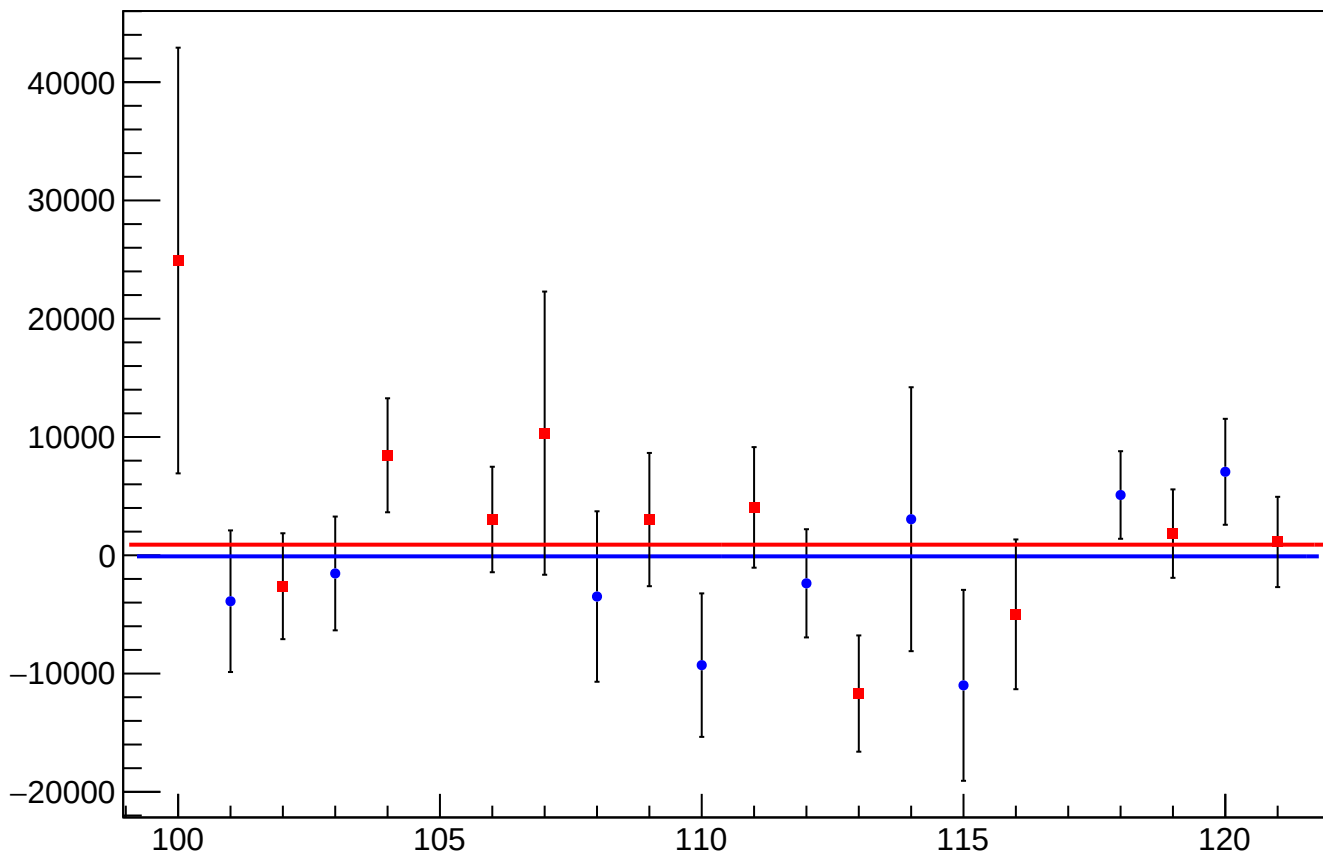
Right: 1389.631+/-0.347 χ^2/NDF : 86042.2/19

In: 1387.358+/-0.516 χ^2/NDF : 48182.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.631+/-0.347 χ^2/NDF : 86042.2/19

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -90.432 ± 1791.624 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 897.251 ± 1525.247 χ^2/NDF : 13.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

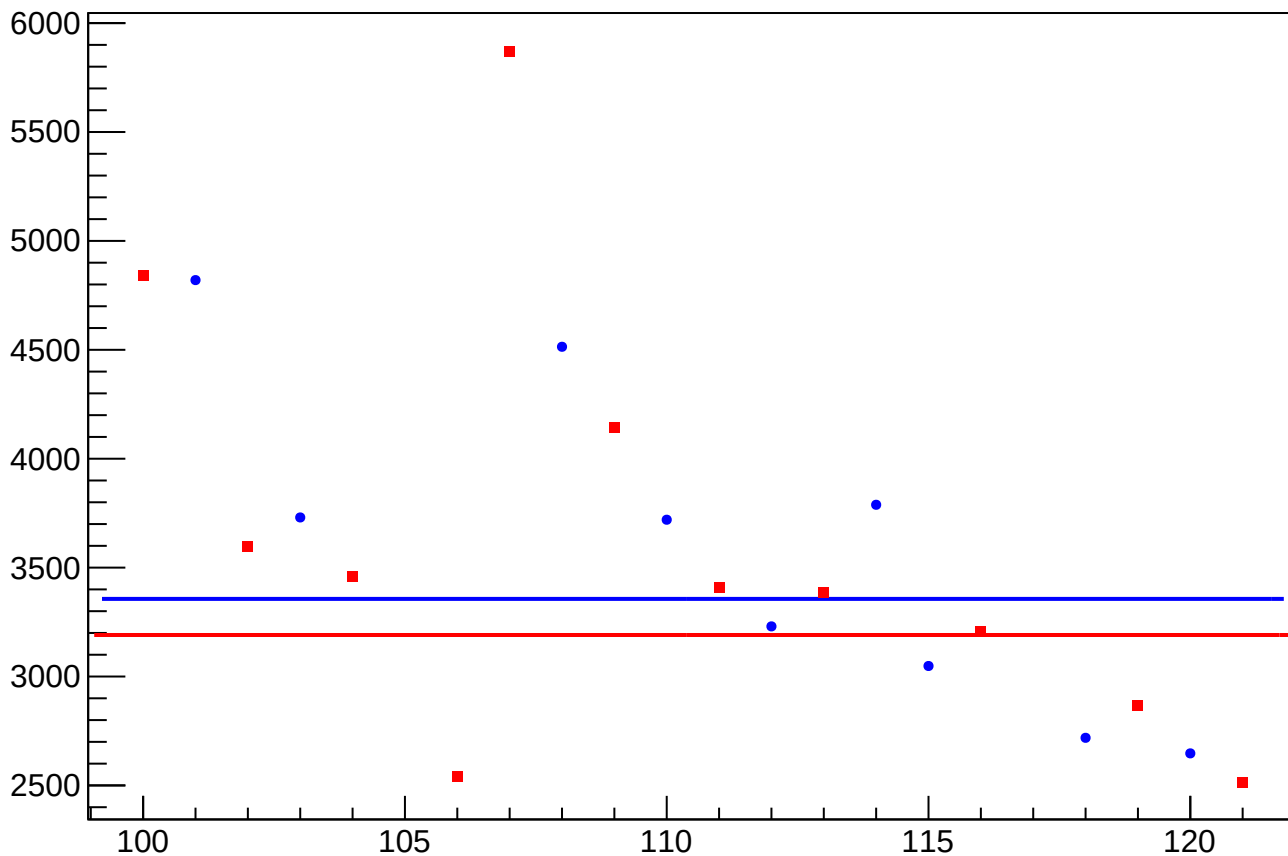
Right: 482.222 ± 1161.388 χ^2/NDF : 23.6/19

In: -90.432 ± 1791.624 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 482.222 ± 1161.388 χ^2/NDF : 23.6/19

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3356.397+/-1.267 χ^2/NDF : 307345.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3190.661+/-1.079 χ^2/NDF : 324279.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

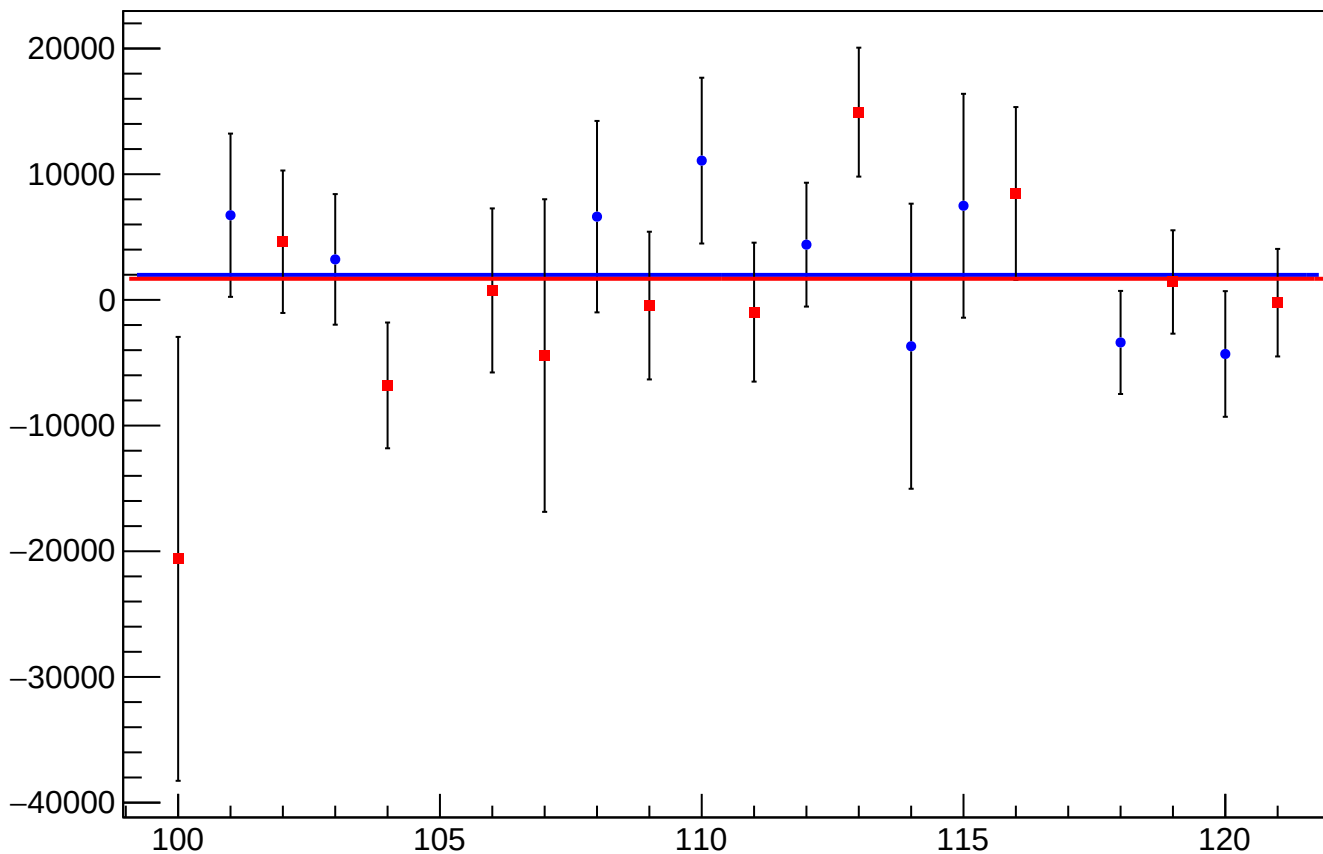
Right: 3260.304+/-0.821 χ^2/NDF : 641548.3/19

In: 3356.397+/-1.267 χ^2/NDF :307345.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3260.304+/-0.821 χ^2/NDF : 641548.3/19

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1988.575+/-1953.510 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1679.536+/-1717.959 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

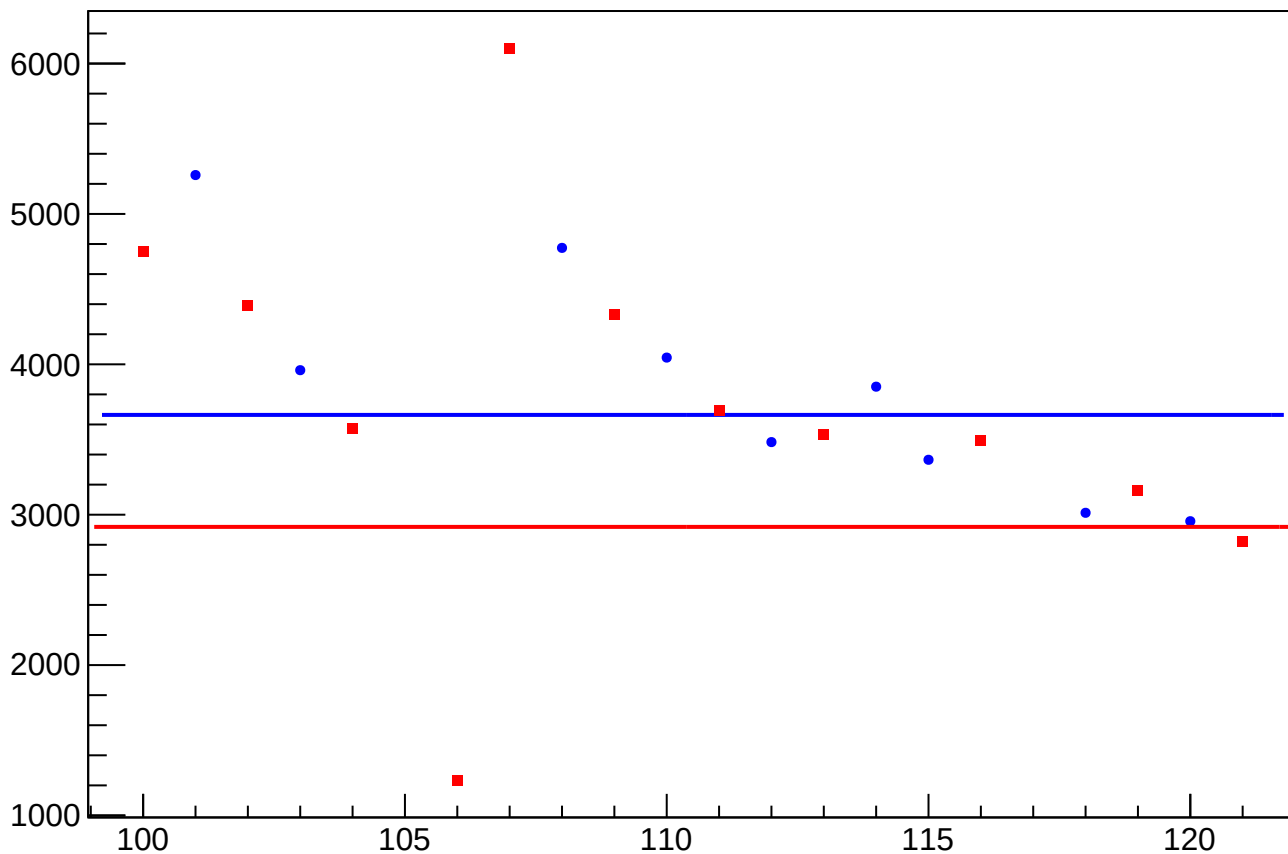
Right: 1814.310+/-1290.065 χ^2/NDF : 20.3/19

In: 1988.575+/-1953.510 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1814.310+/-1290.065 χ^2/NDF : 20.3/19

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3663.616+/-1.381 χ^2/NDF : 272260.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2918.960+/-1.067 χ^2/NDF : 1230929.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

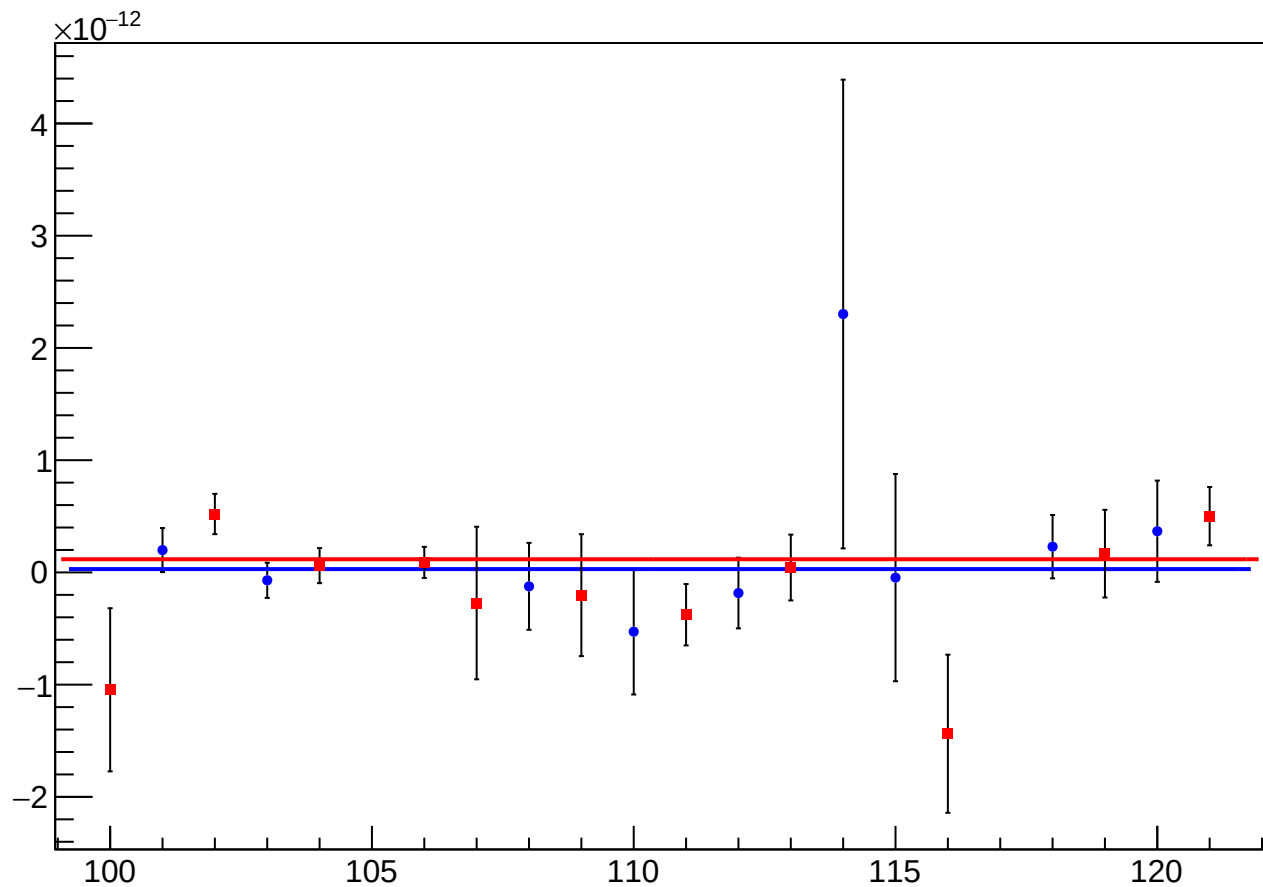
Right: 3197.197+/-0.844 χ^2/NDF : 1685216.6/19

In: 3663.616+/-1.381 χ^2/NDF : 272260.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3197.197+/-0.844 χ^2/NDF : 1685216.6/19

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

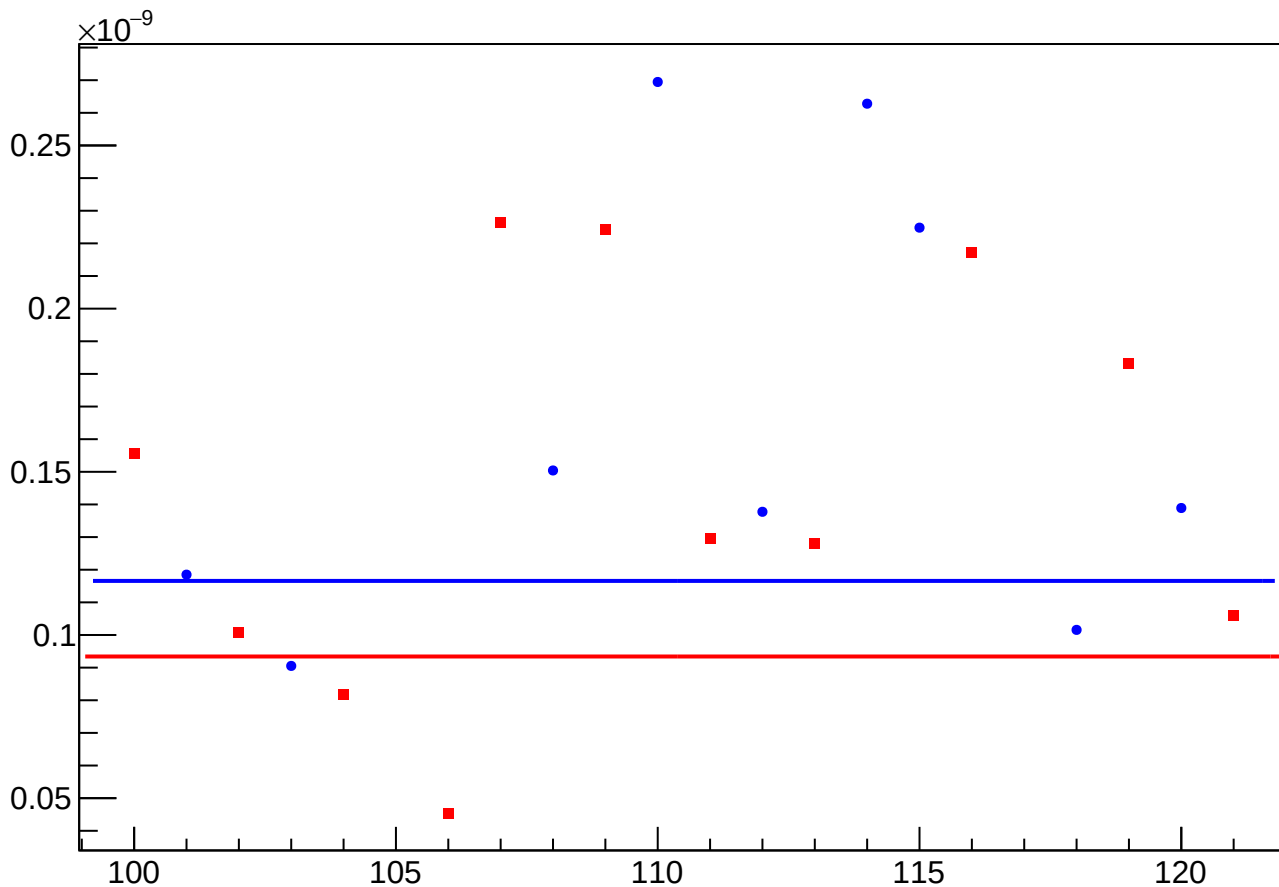
Right: 0.000+/-0.000 χ^2/NDF : 24.4/19

In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.4/19

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 276588.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 697948.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

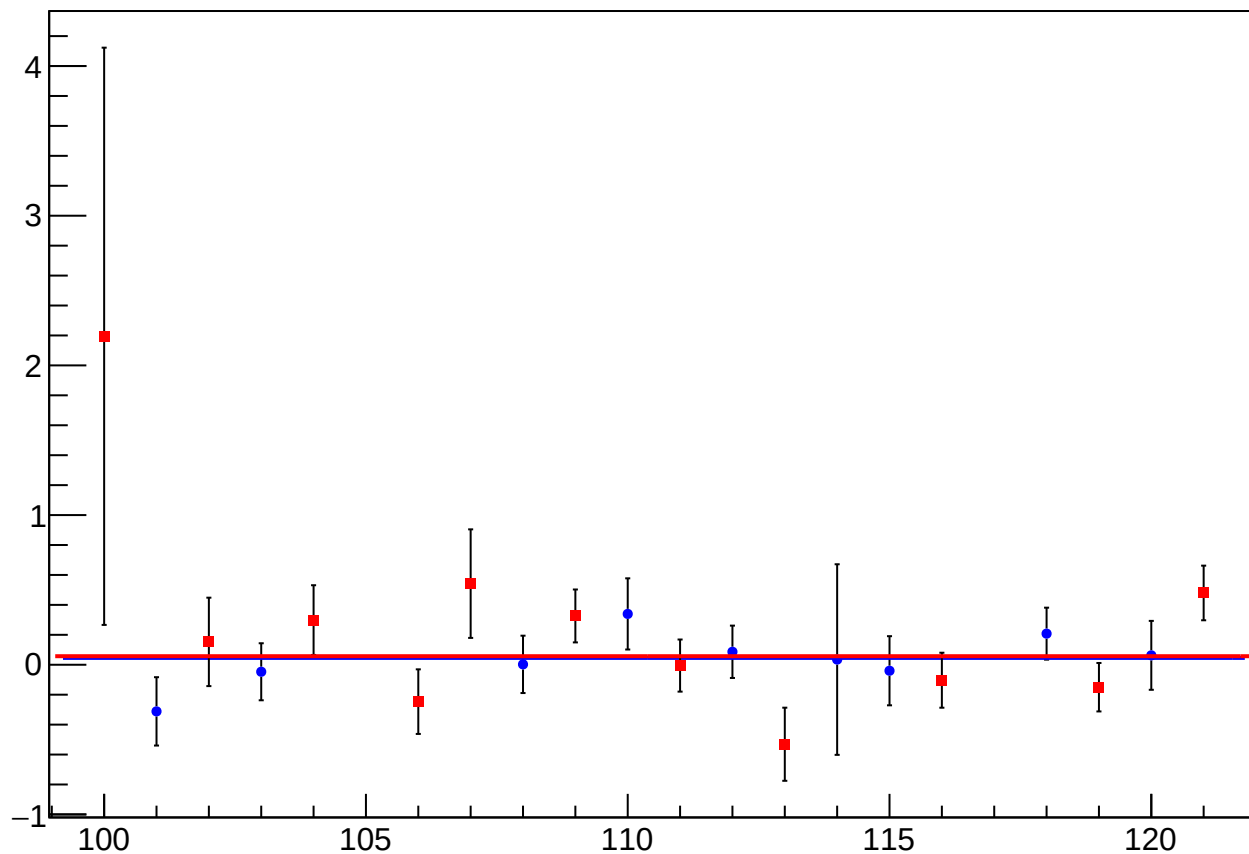
Right: 0.000+/-0.000 χ^2/NDF : 1045846.7/19

In: 0.000+/-0.000 χ^2/NDF : 276588.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1045846.7/19

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.065 χ^2 /NDF: 22.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

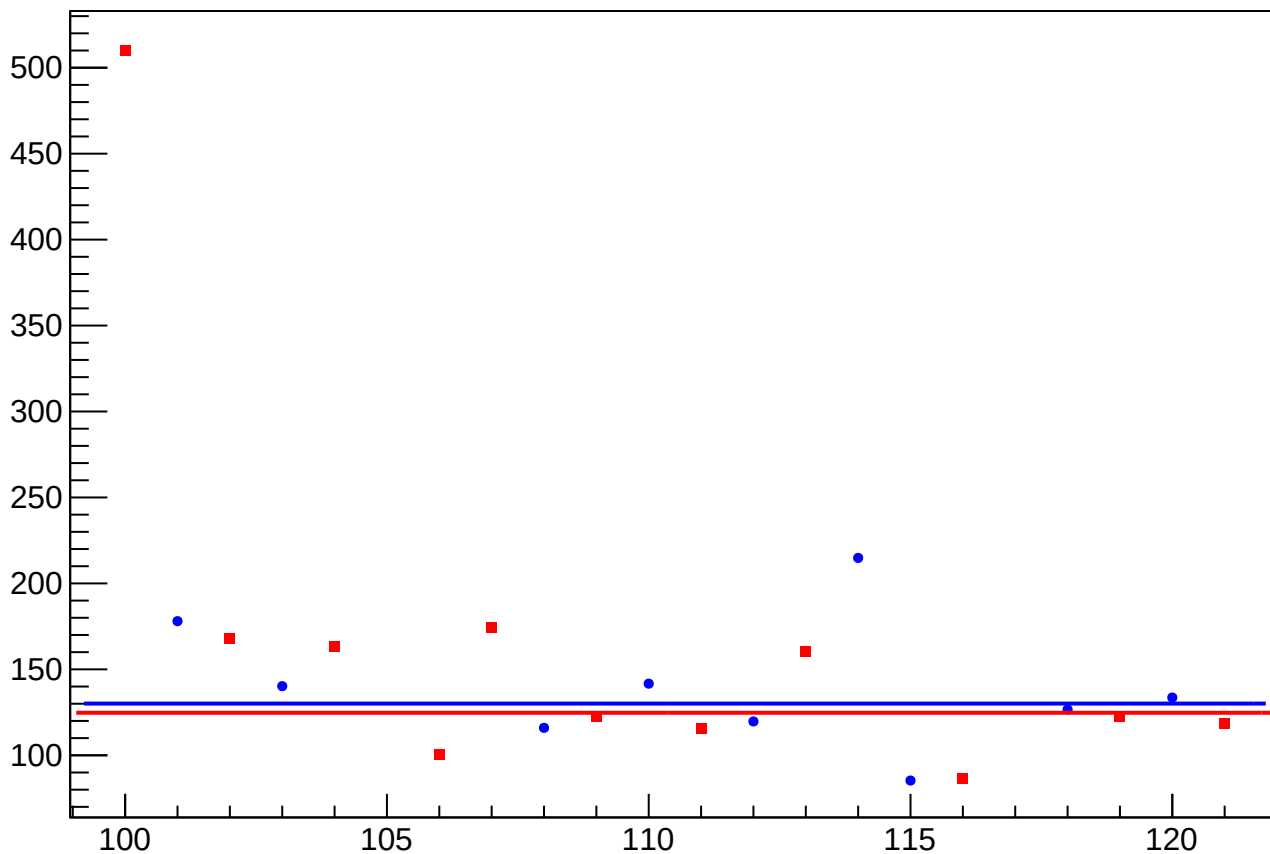
Right: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.753+/-0.046 χ^2/NDF : 376591.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

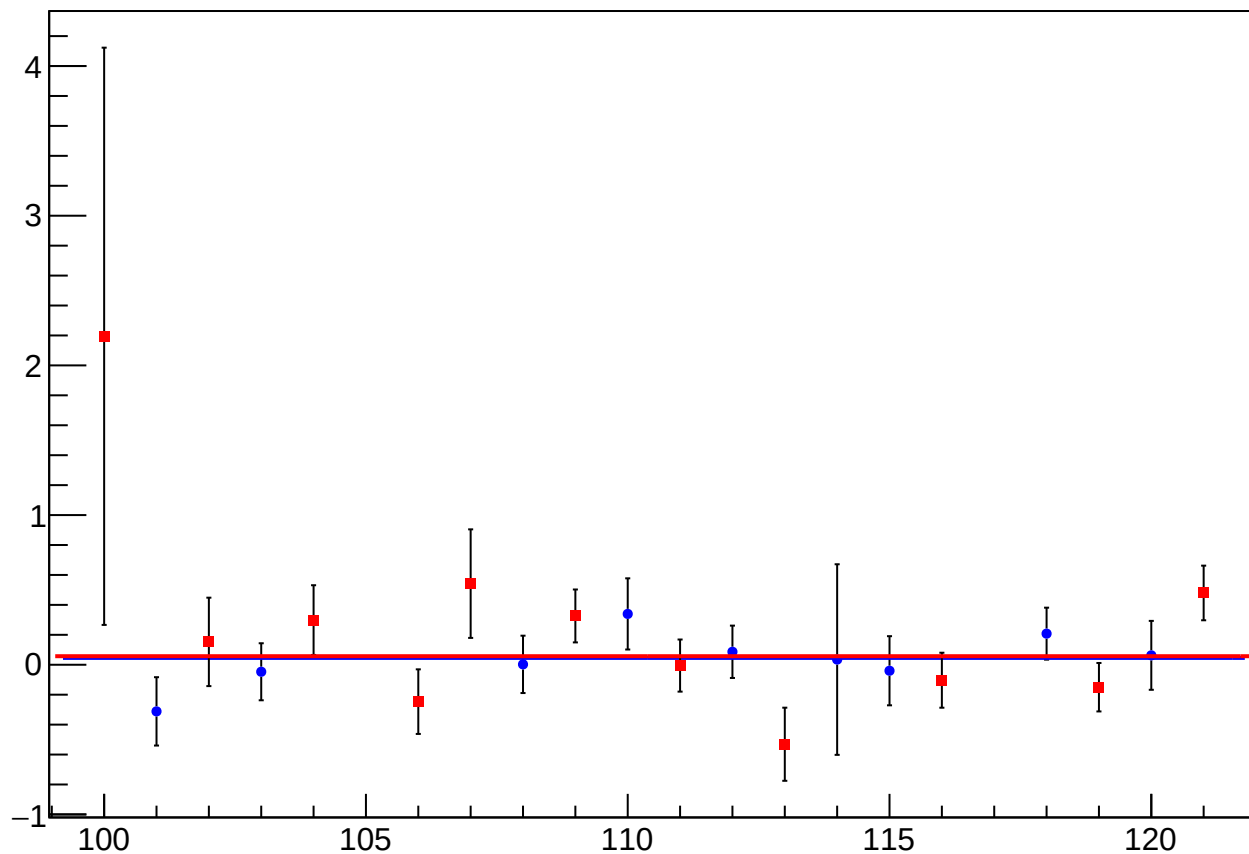
Right: 127.174+/-0.034 χ^2/NDF : 611095.2/19

In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.174+/-0.034 χ^2/NDF : 611095.2/19

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.065 χ^2 /NDF: 22.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

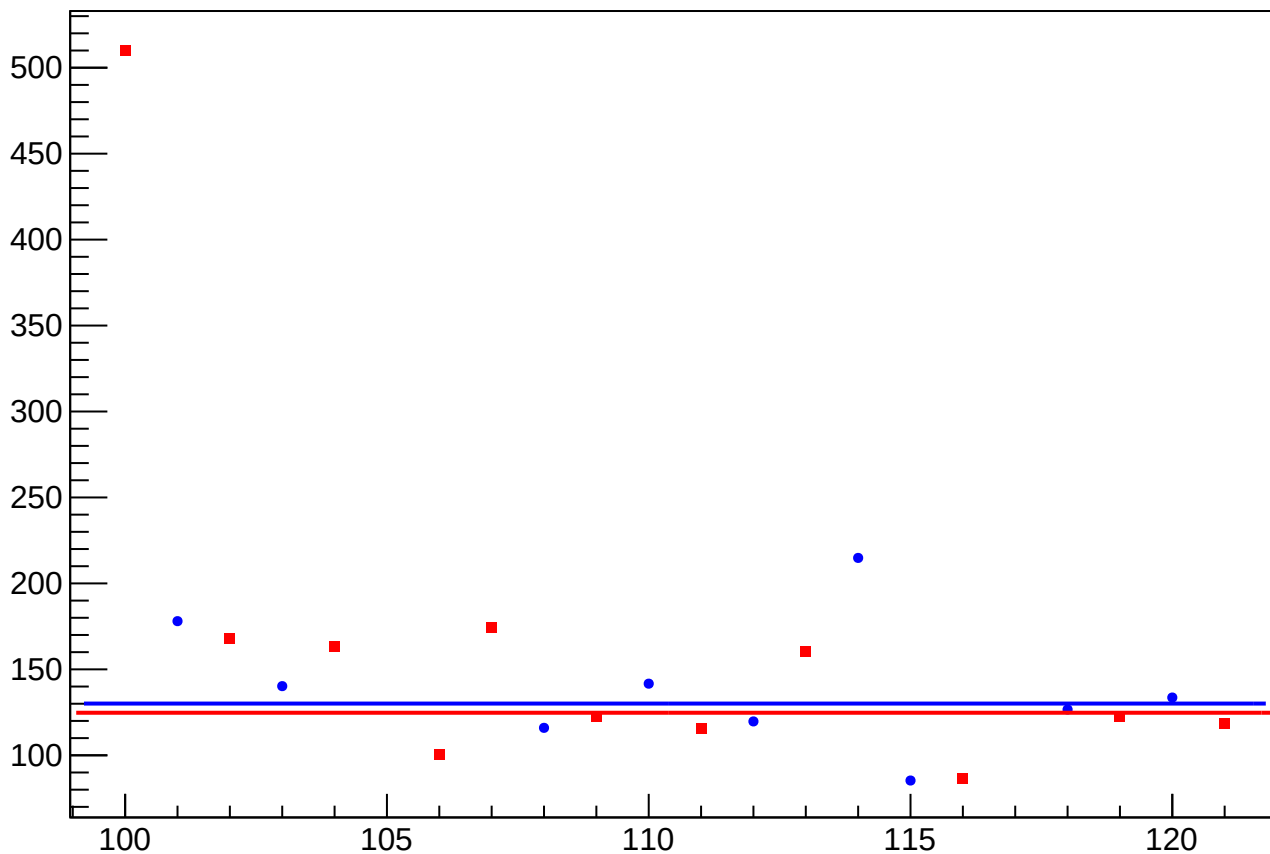
Right: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.753+/-0.046 χ^2/NDF : 376591.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

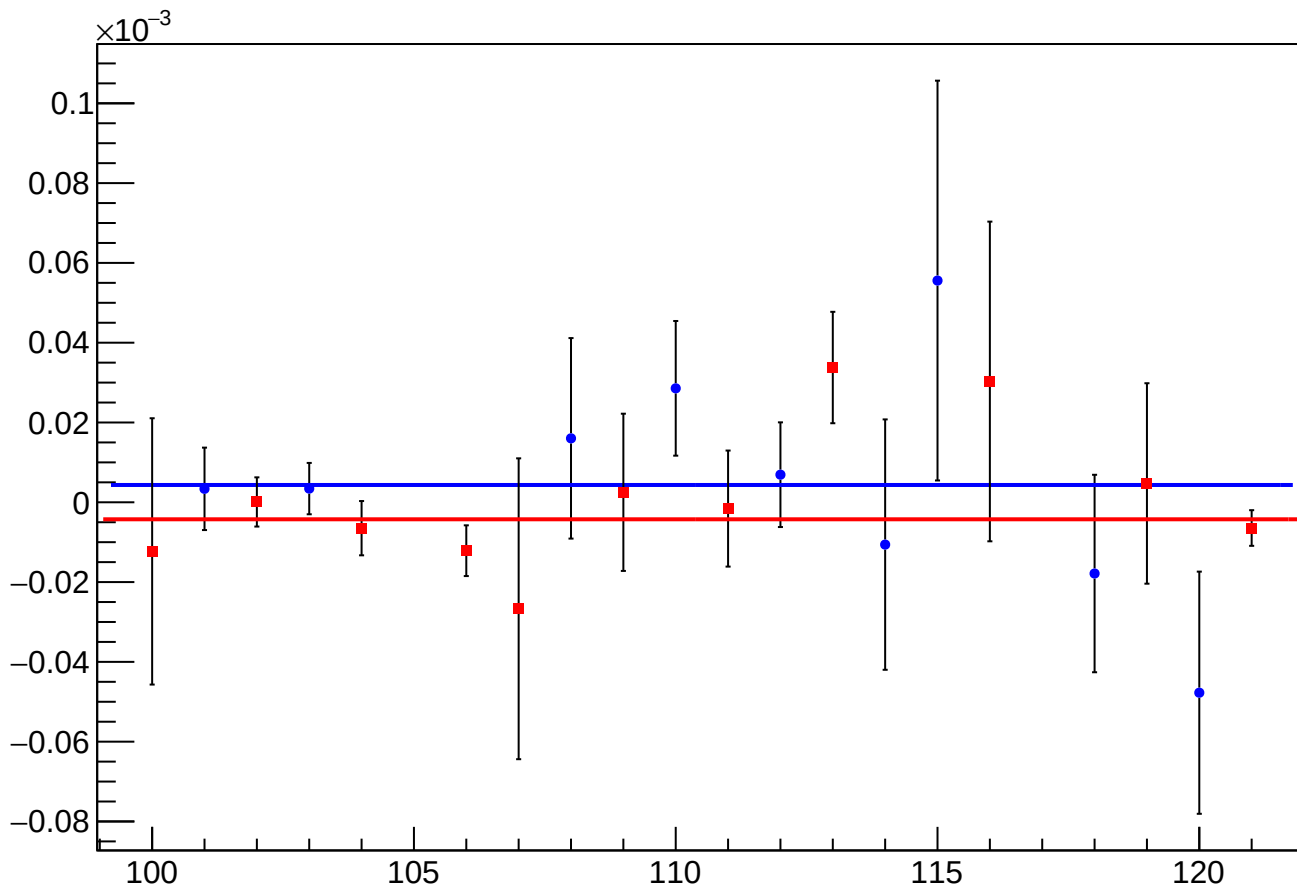
Right: 127.174+/-0.034 χ^2/NDF : 611095.2/19

In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.174+/-0.034 χ^2/NDF : 611095.2/19

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

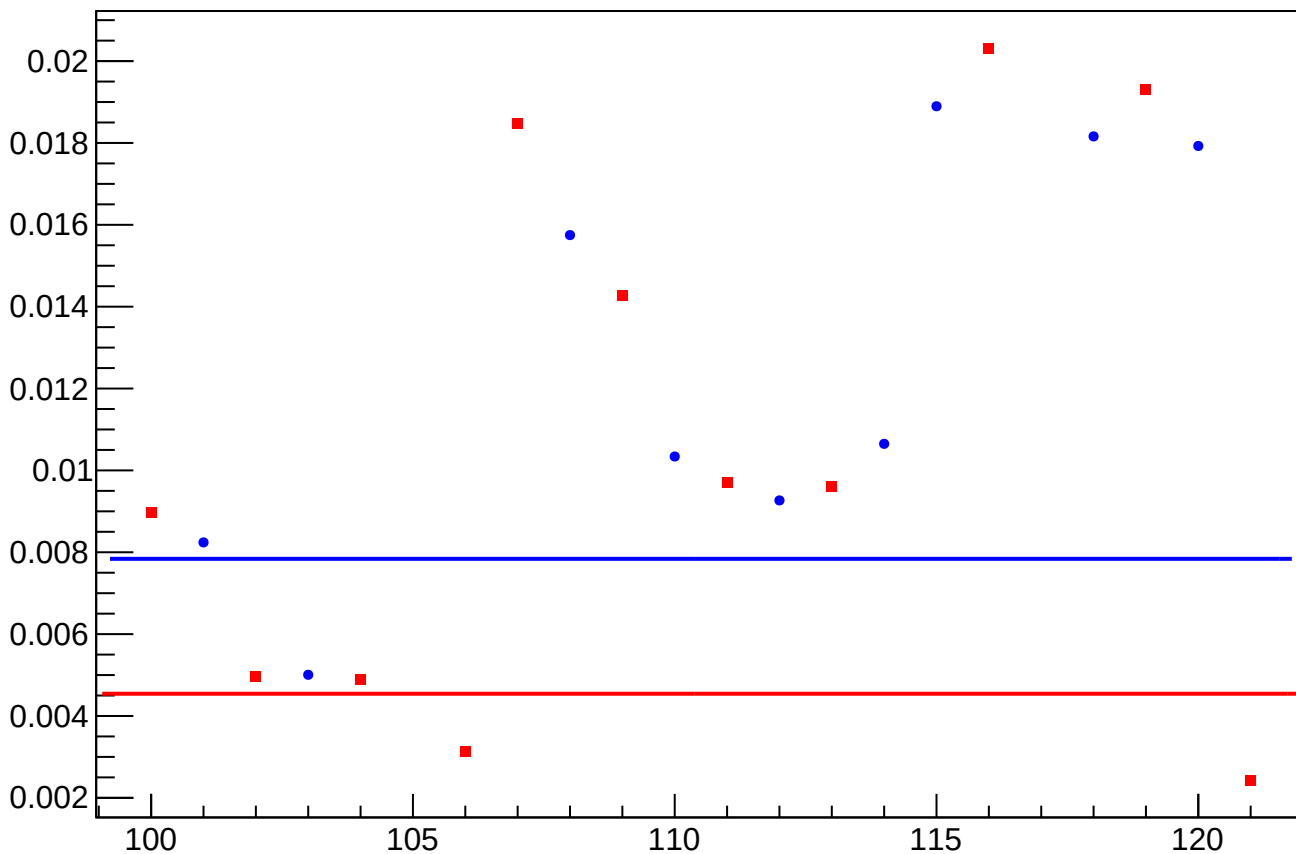
Right: -0.000+/-0.000 χ^2/NDF : 21.3/19

In: 0.000+/-0.000 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/19

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1338488.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2876833.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

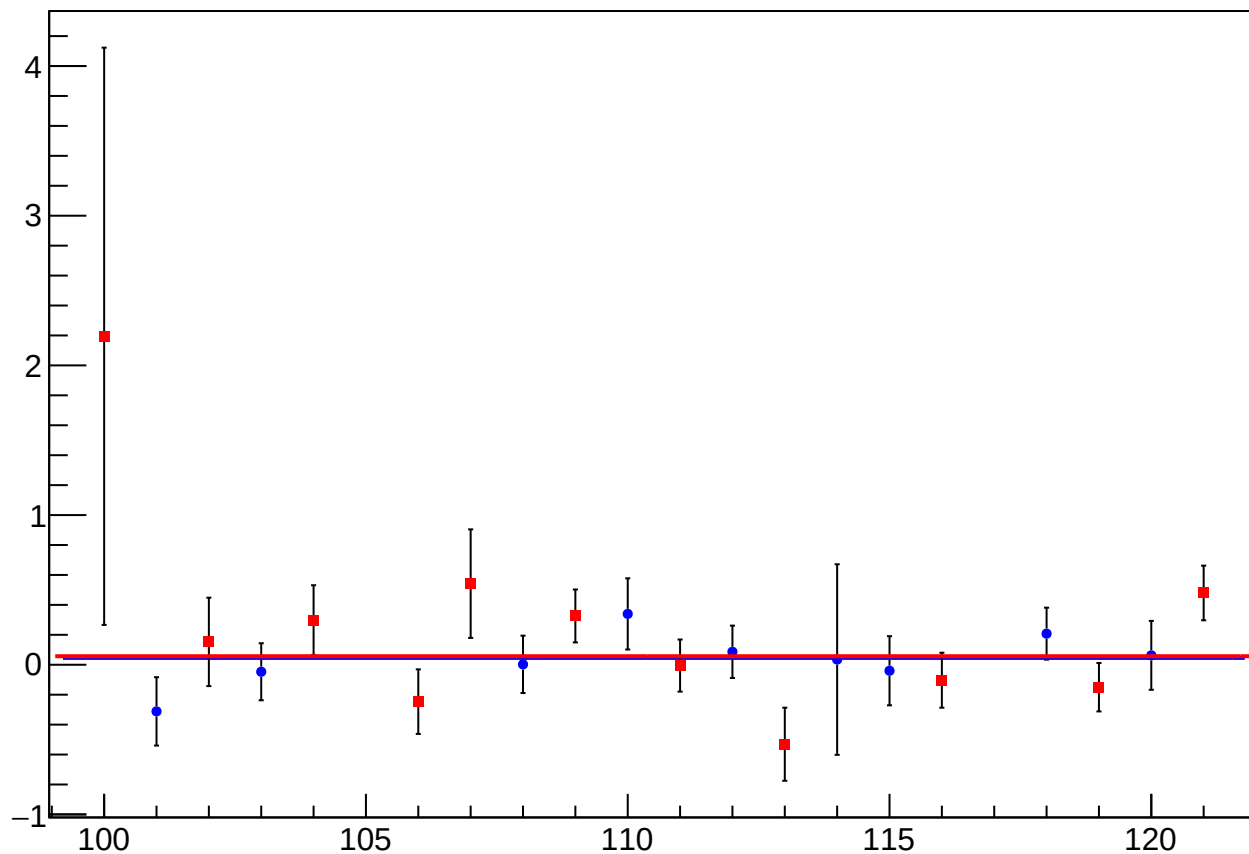
Right: 0.005+/-0.000 χ^2/NDF : 4997130.2/19

In: 0.008+/-0.000 χ^2/NDF :1338488.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4997130.2/19

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.065 χ^2 /NDF: 22.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

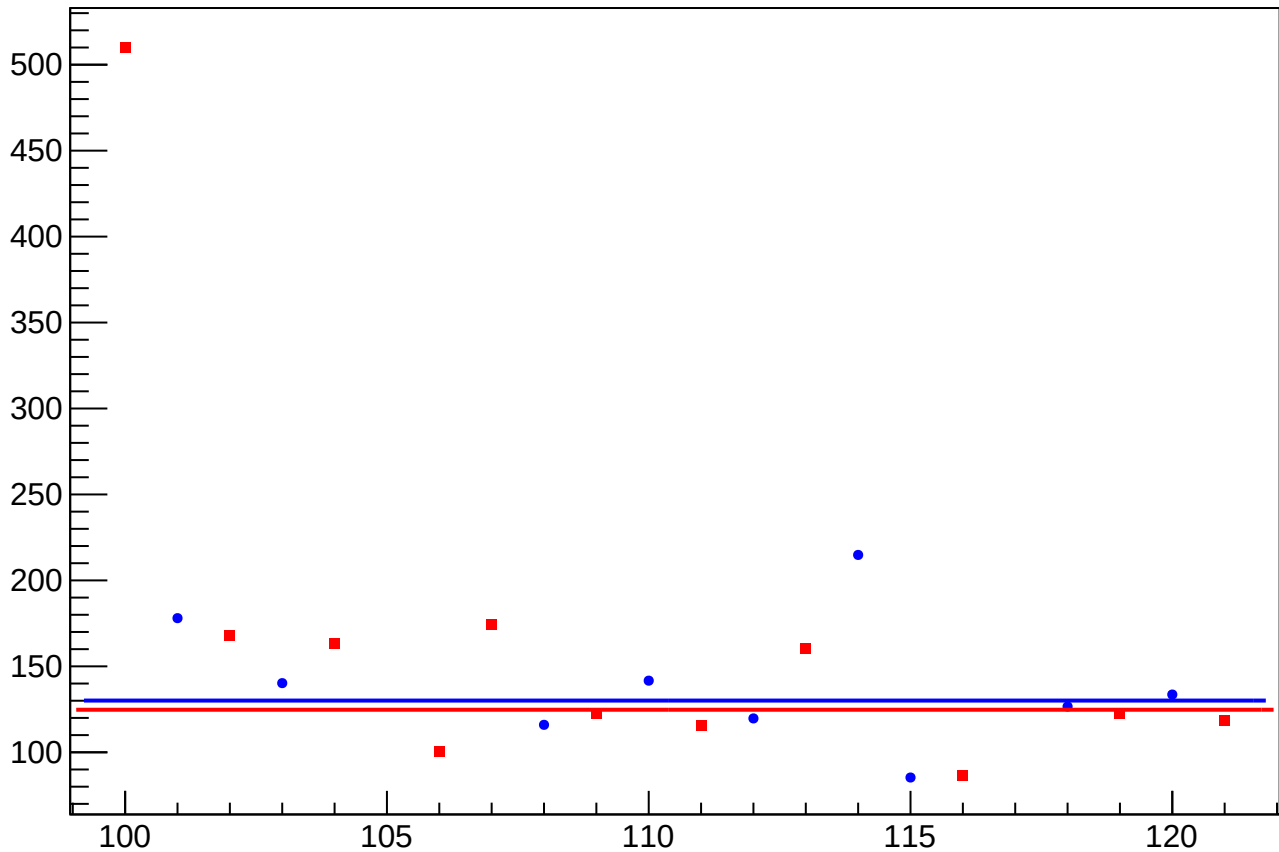
Right: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.755+/-0.046 χ^2/NDF : 376561.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

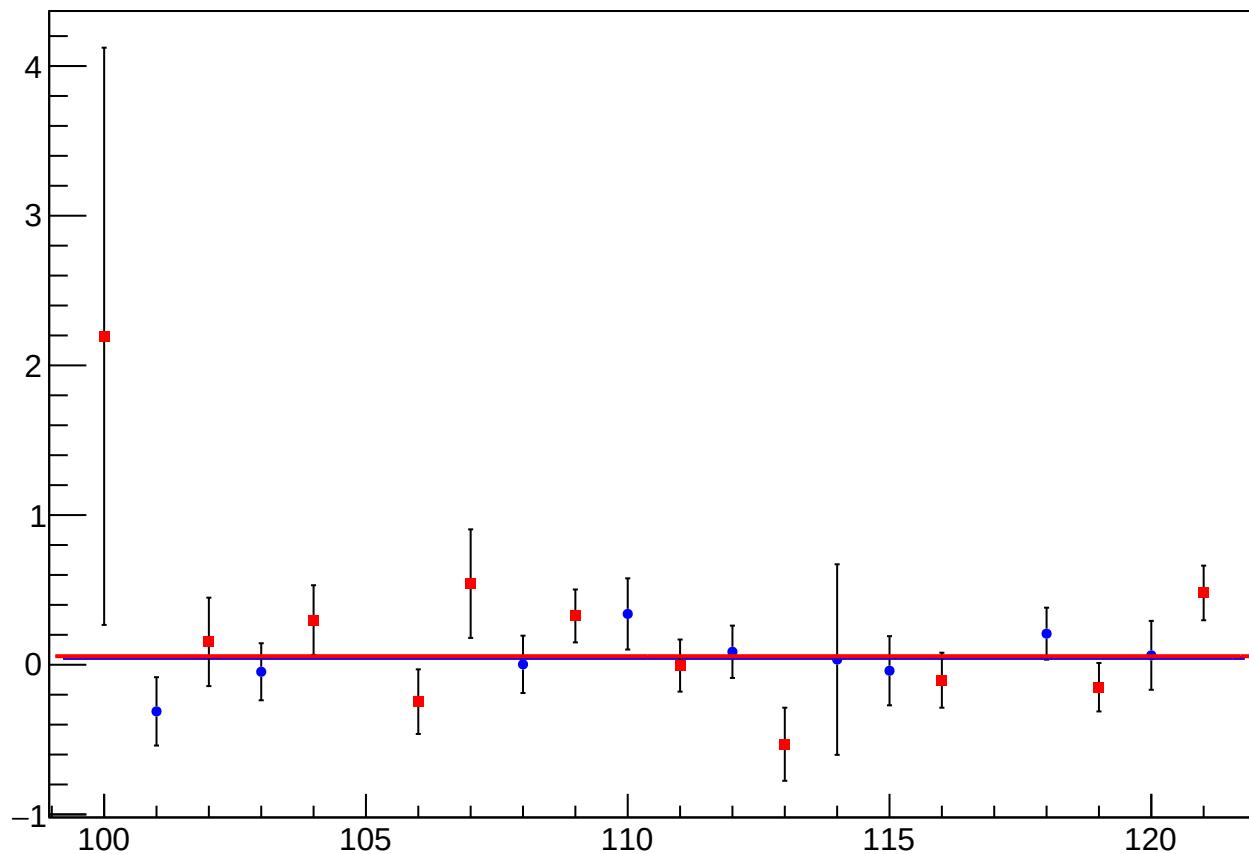
Right: 127.175+/-0.034 χ^2/NDF : 611043.7/19

In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.175+/-0.034 χ^2/NDF : 611043.7/19

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.065 χ^2 /NDF: 22.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

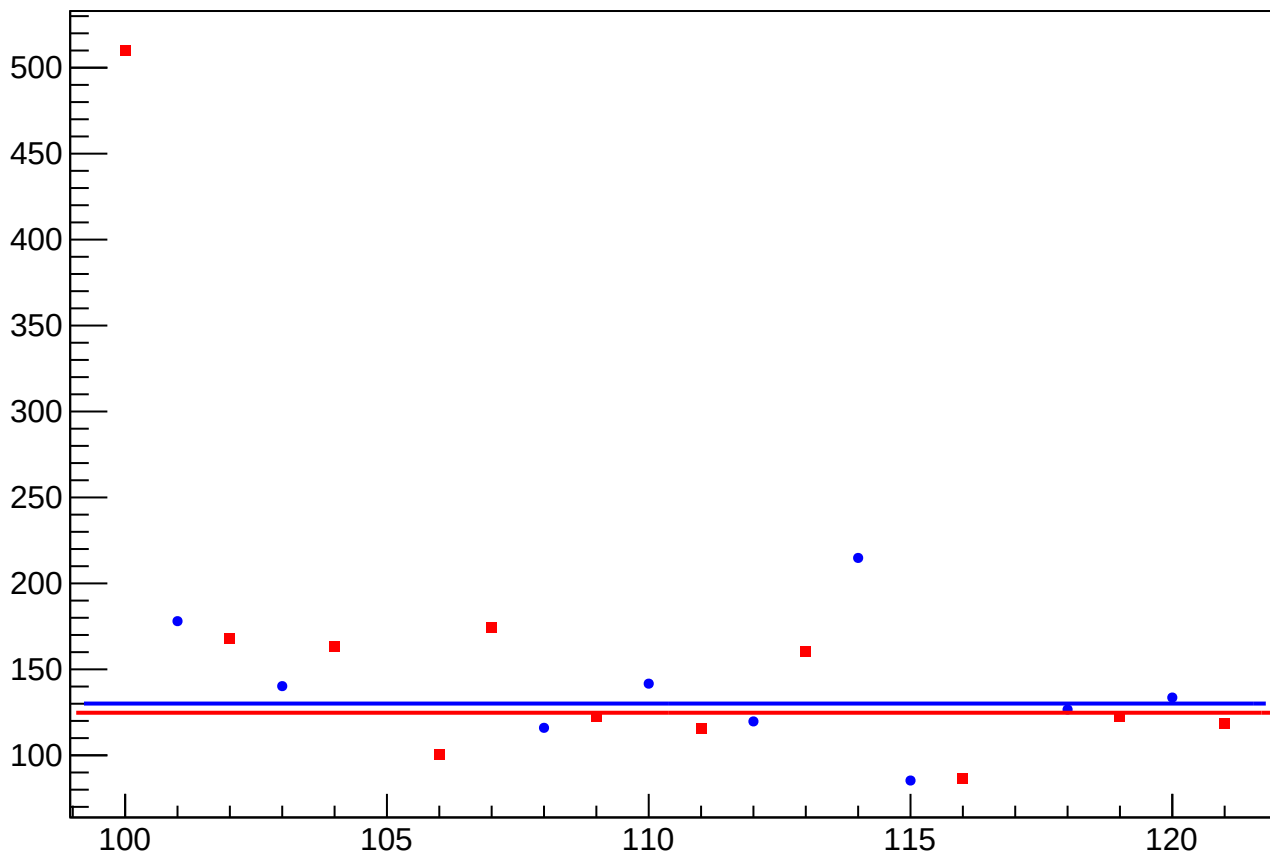
Right: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.052 $\pm$ 0.048 χ^2 /NDF: 27.5/19

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.755+/-0.046 χ^2/NDF : 376561.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

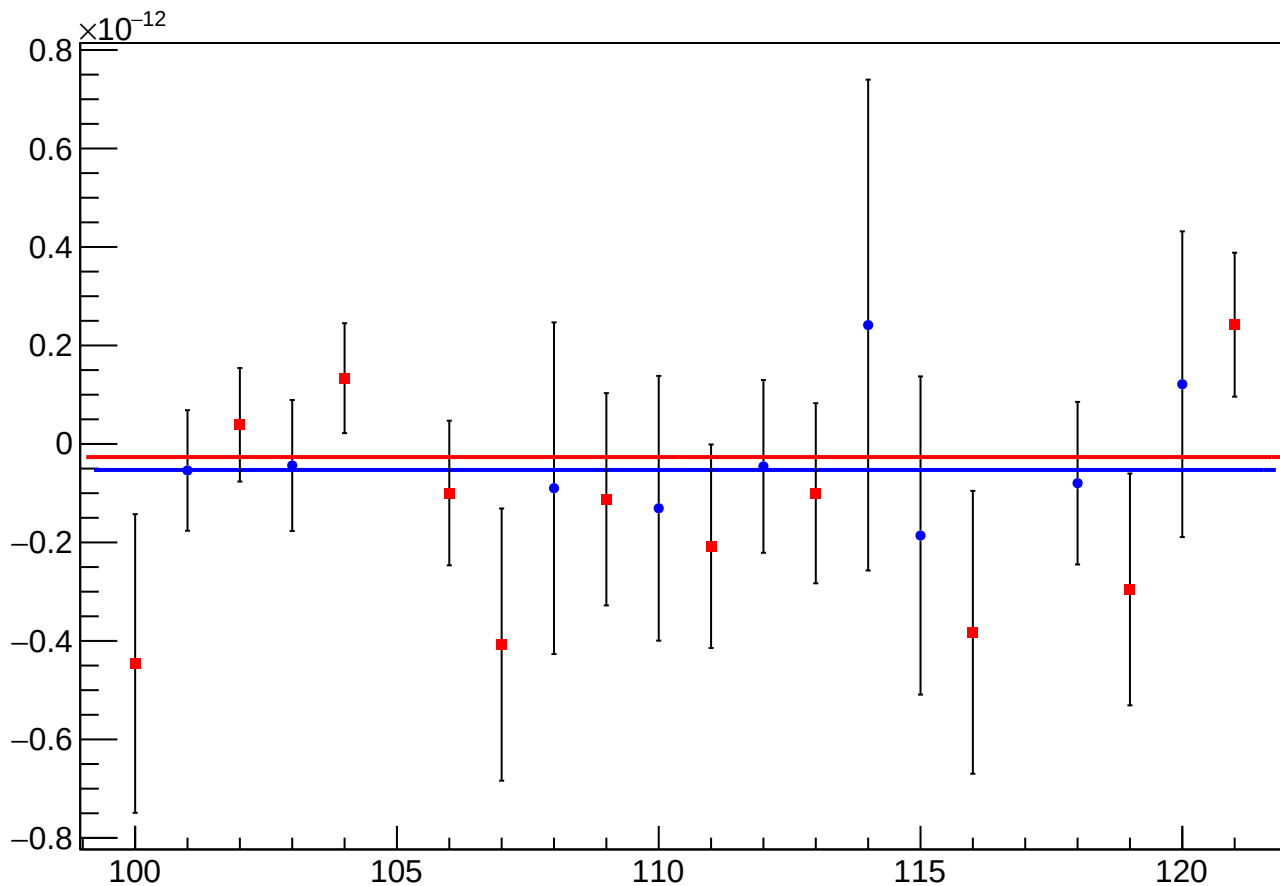
Right: 127.175+/-0.034 χ^2/NDF : 611043.7/19

In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.175+/-0.034 χ^2/NDF : 611043.7/19

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

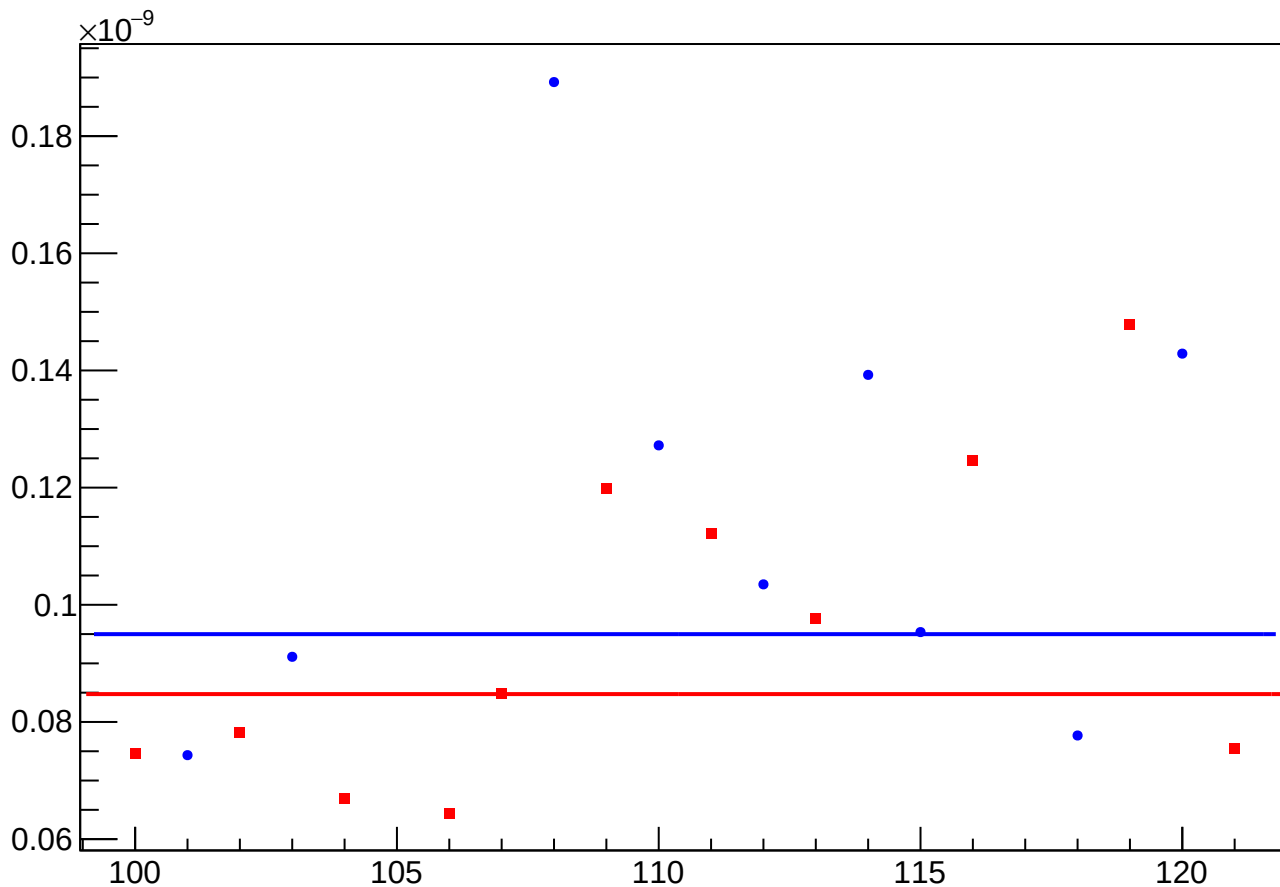
Right: -0.000+/-0.000 χ^2/NDF : 14.8/19

In: -0.000+/-0.000 χ^2/NDF :1.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/19

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 334057.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386678.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

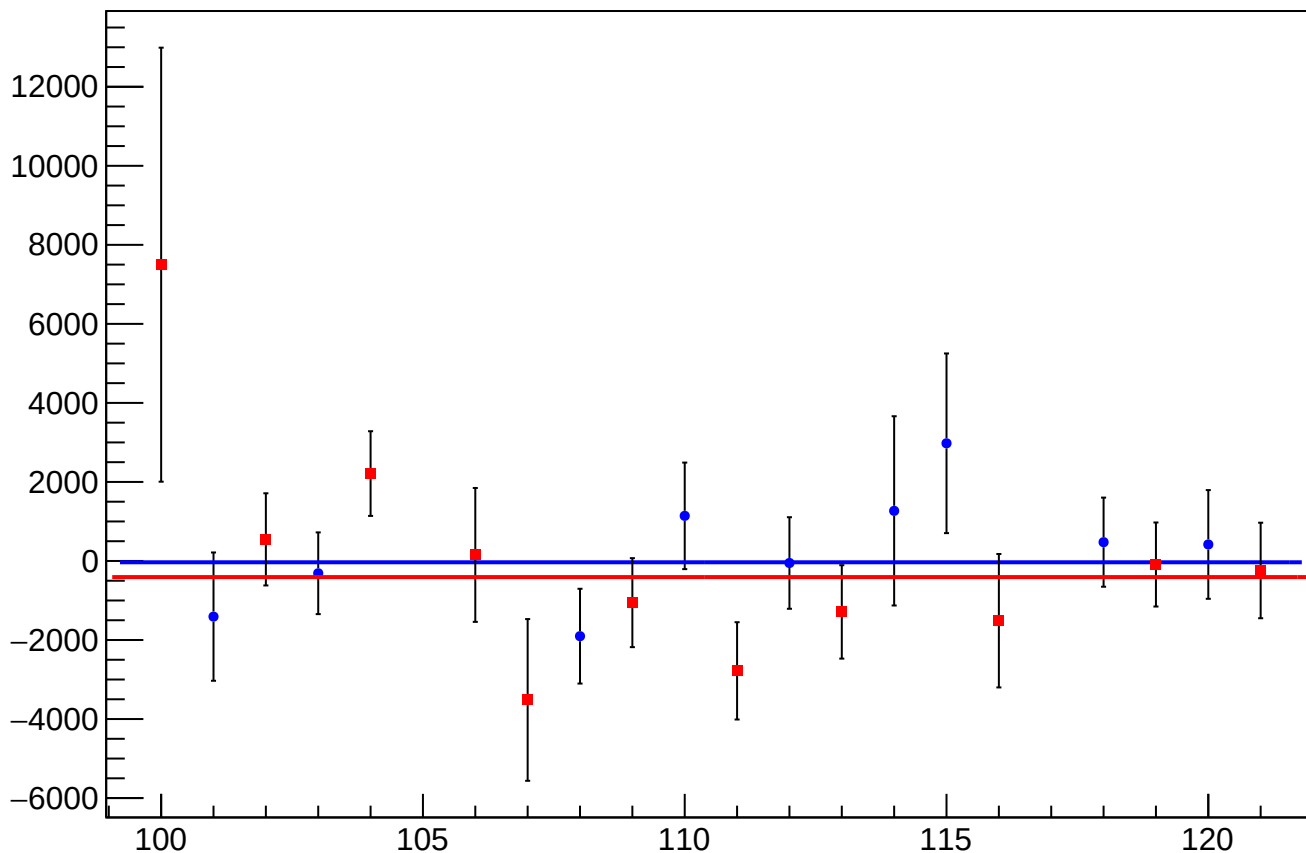
Right: 0.000+/-0.000 χ^2/NDF : 751389.2/19

In: 0.000+/-0.000 χ^2/NDF : 334057.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 751389.2/19

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -33.129 ± 447.764 χ^2/NDF : 6.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -407.733 ± 398.086 χ^2/NDF : 16.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

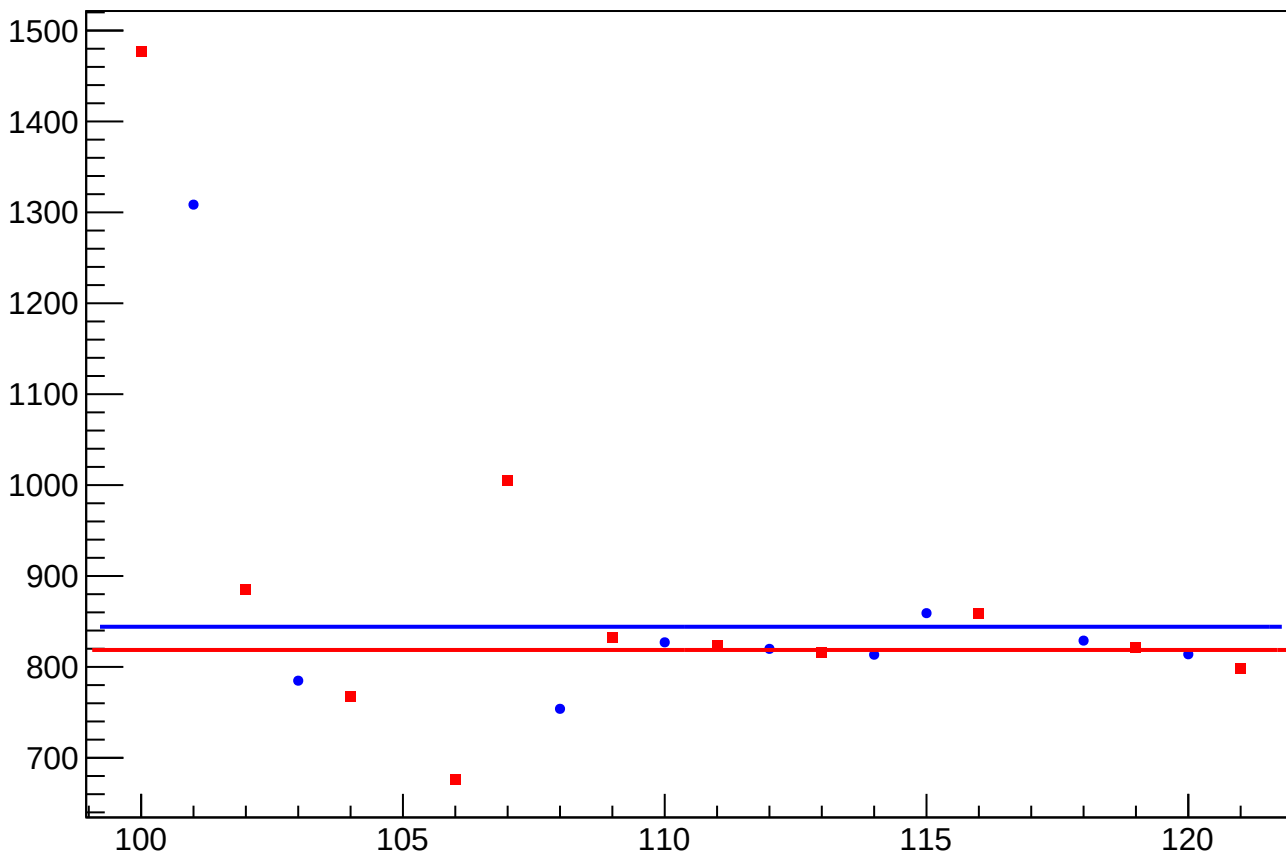
Right: -242.356 ± 297.509 χ^2/NDF : 23.0/19

In: -33.129 ± 447.764 χ^2/NDF : 6.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -242.356 ± 297.509 χ^2/NDF : 23.0/19

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 844.176+/-0.317 χ^2/NDF : 184504.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 818.645+/-0.276 χ^2/NDF : 82551.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

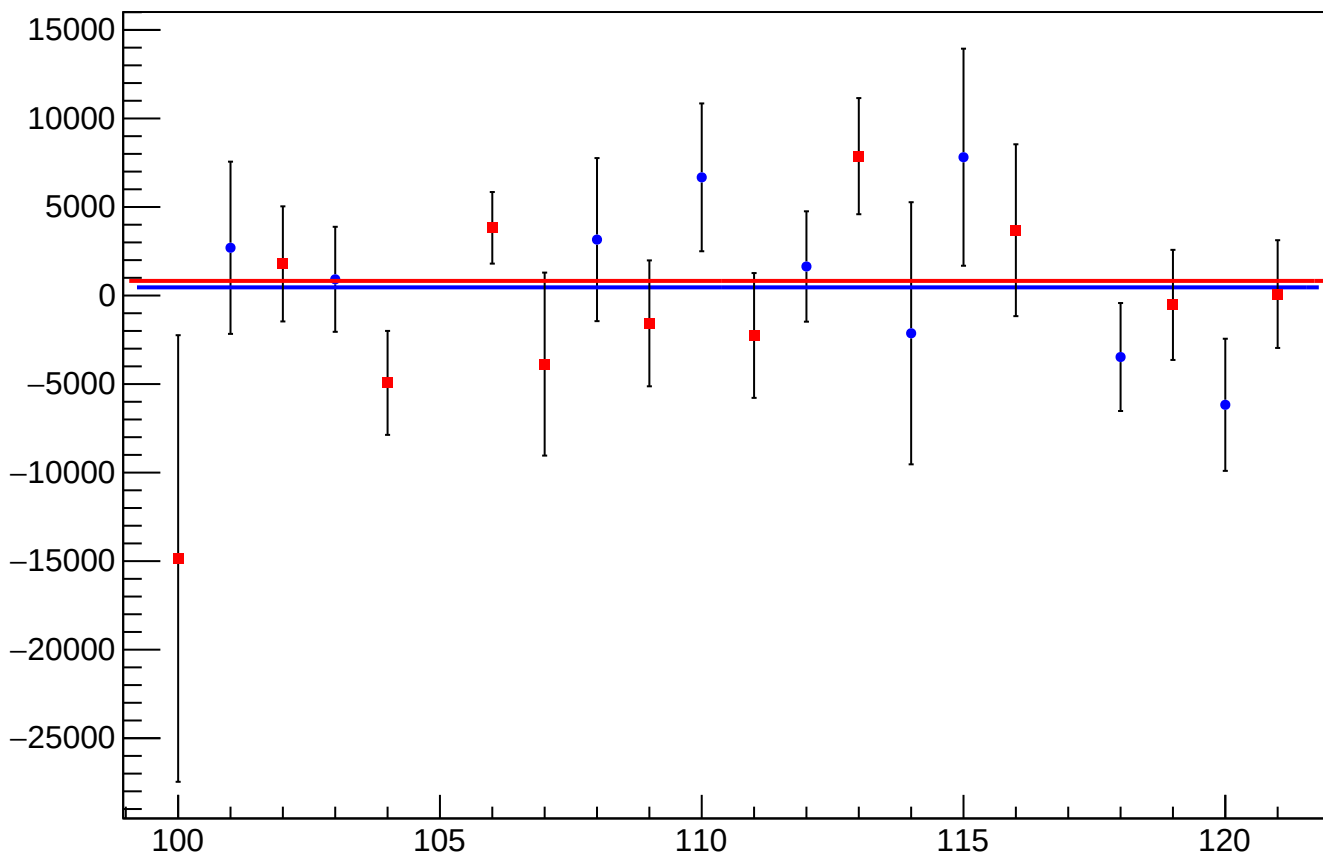
Right: 829.678+/-0.208 χ^2/NDF : 270747.4/19

In: 844.176+/-0.317 χ^2/NDF :184504.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 829.678+/-0.208 χ^2/NDF : 270747.4/19

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 461.754+/-1304.425 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 826.086+/-997.230 χ^2/NDF : 14.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

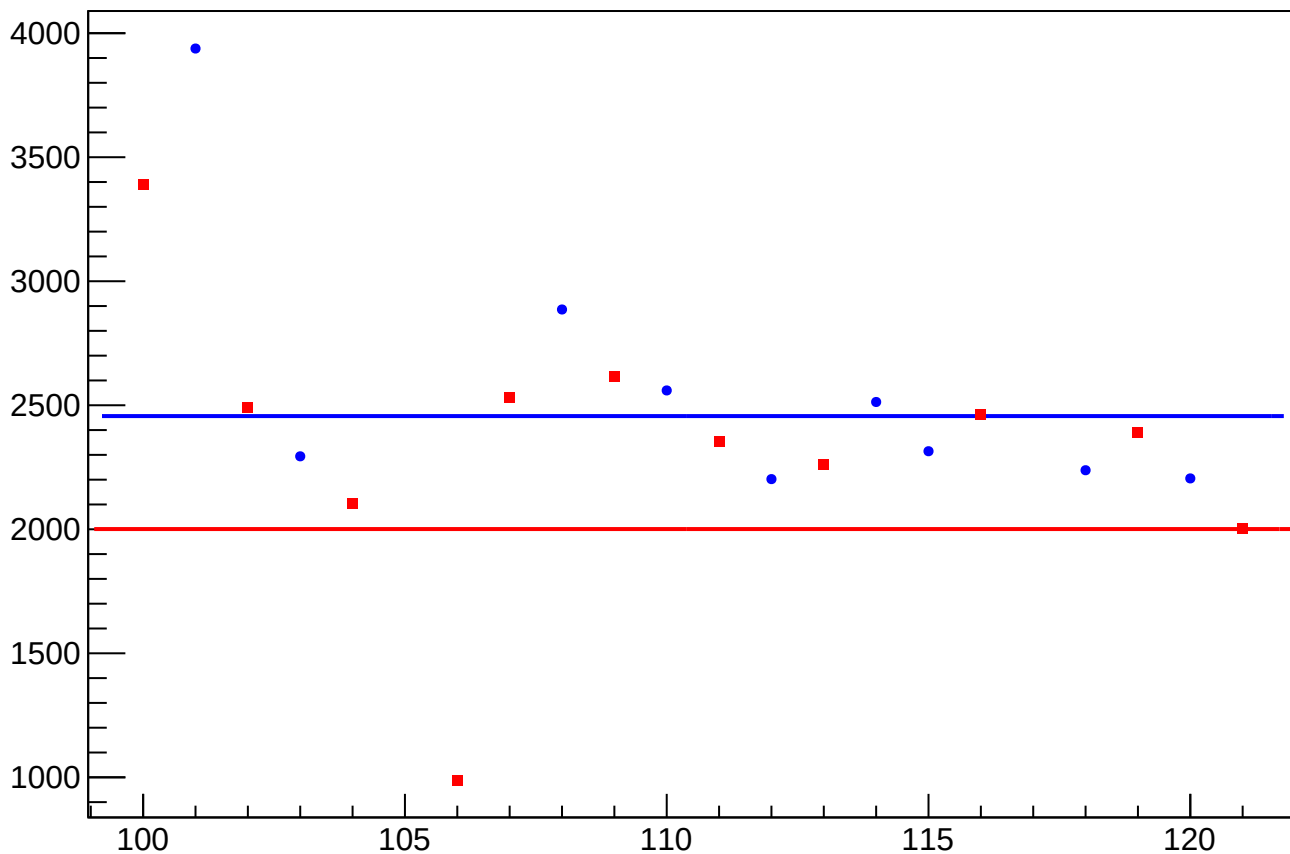
Right: 691.695+/-792.237 χ^2/NDF : 24.3/19

In: 461.754+/-1304.425 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.695+/-792.237 χ^2/NDF : 24.3/19

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2456.358+/-0.922 χ^2/NDF : 244090.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2000.913+/-0.705 χ^2/NDF : 737815.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

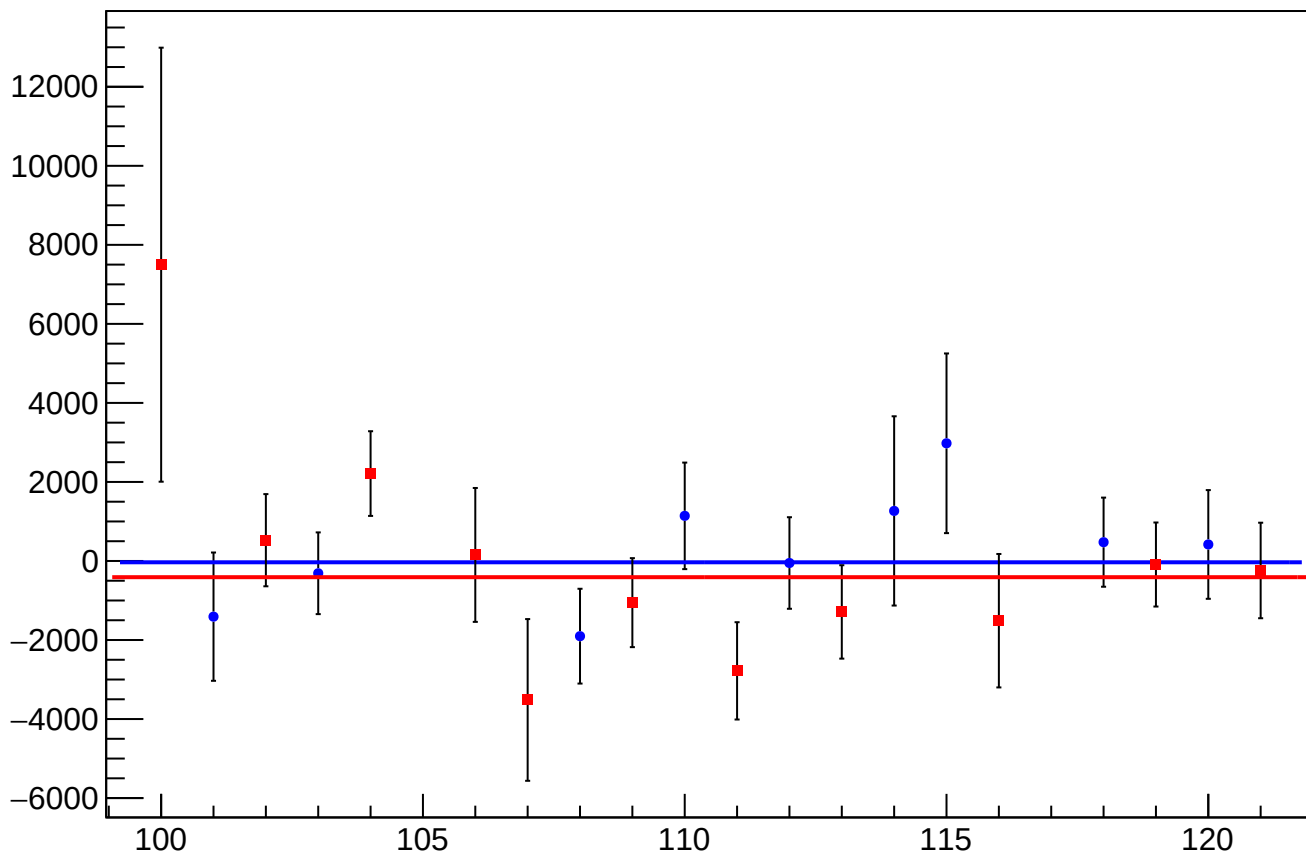
Right: 2168.913+/-0.560 χ^2/NDF : 1135787.1/19

In: 2456.358+/-0.922 χ^2/NDF : 244090.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.913+/-0.560 χ^2/NDF : 1135787.1/19

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -33.231 ± 447.764 χ^2/NDF : 6.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -410.241 ± 398.095 χ^2/NDF : 16.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

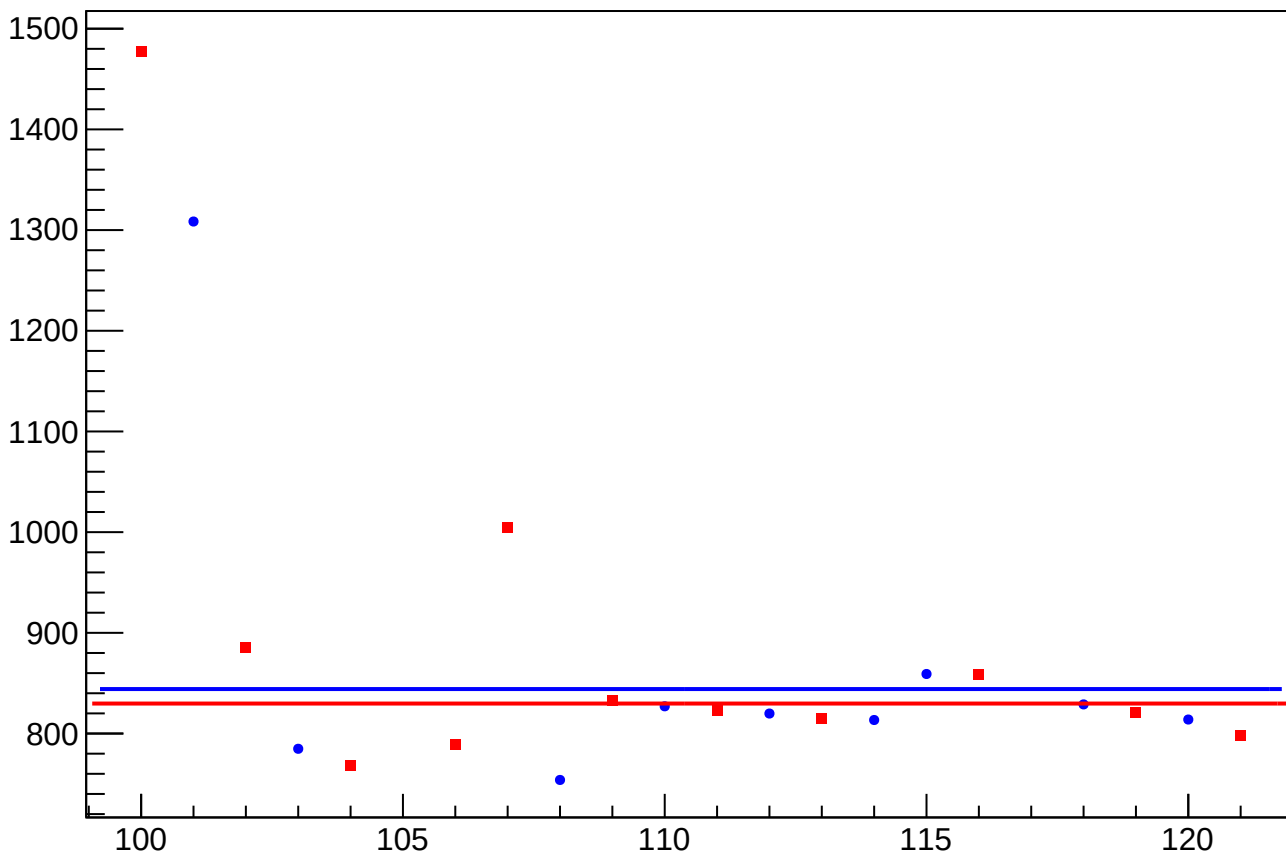
Right: -243.798 ± 297.513 χ^2/NDF : 23.0/19

In: -33.231 ± 447.764 χ^2/NDF : 6.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -243.798 ± 297.513 χ^2/NDF : 23.0/19

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.778+/-0.279 χ^2/NDF : 57600.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

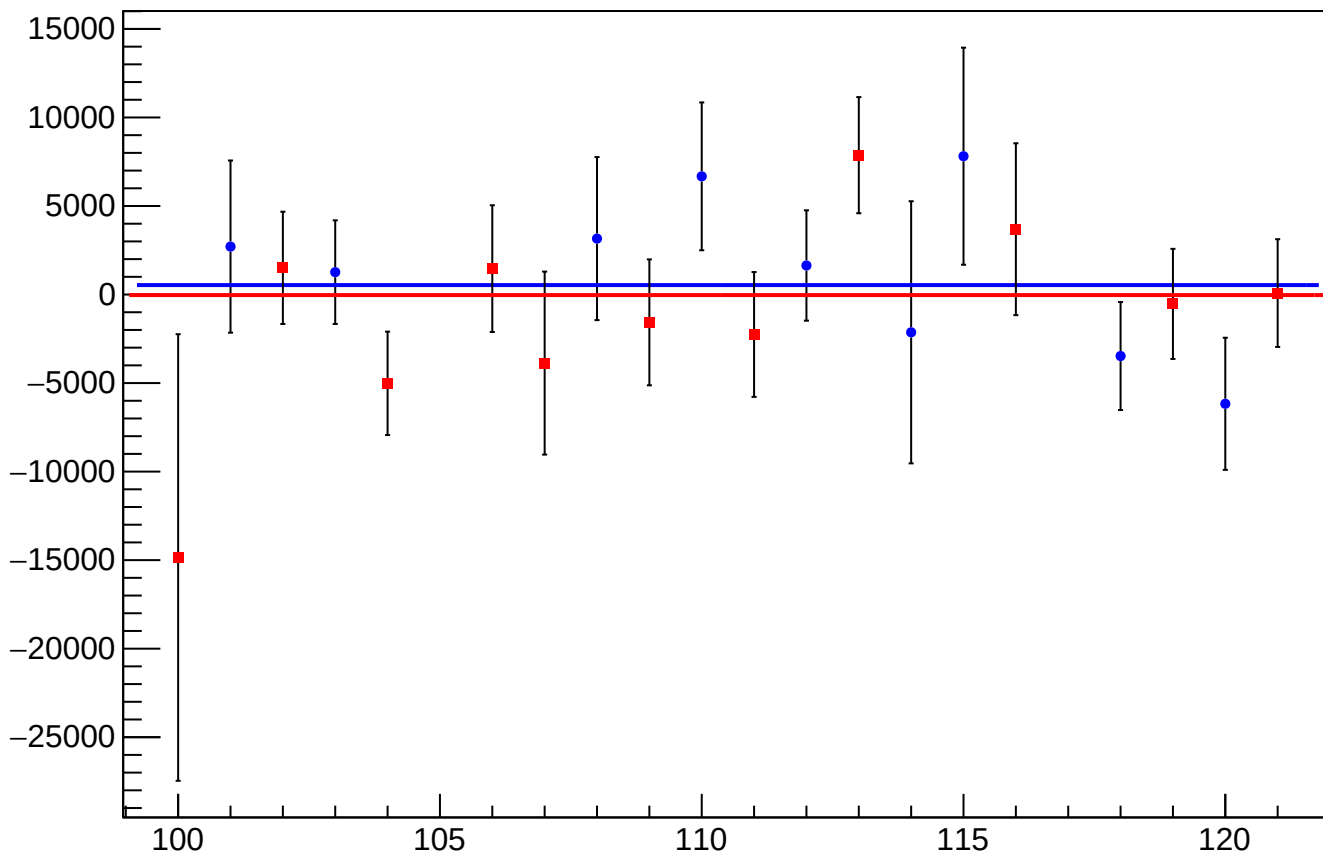
Right: 836.078+/-0.209 χ^2/NDF : 243267.5/19

In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.078+/-0.209 χ^2/NDF : 243267.5/19

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 533.462+/-1301.061 χ^2 /NDF: 9.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -30.373+/-1087.834 χ^2 /NDF: 12.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

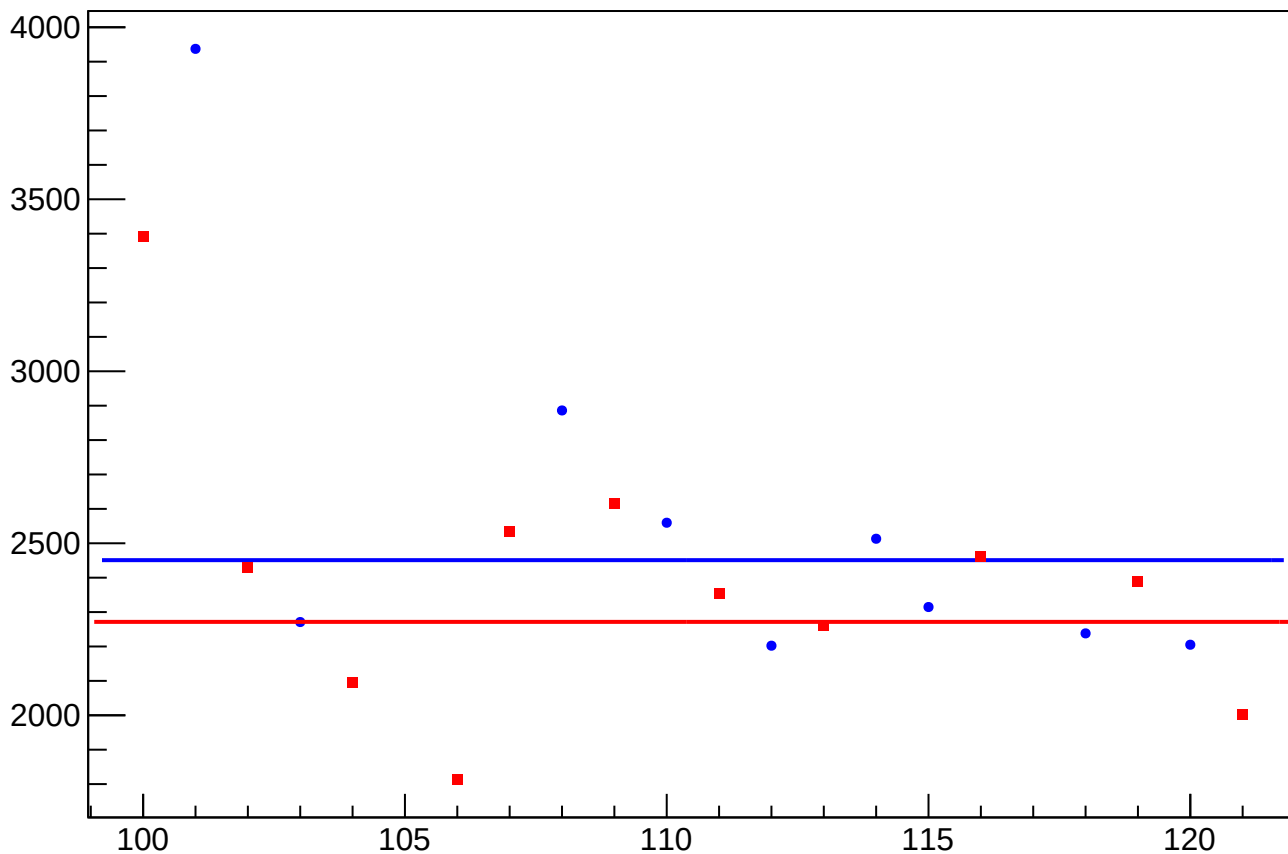
Right: 201.615+/-834.555 χ^2 /NDF: 21.7/19

In: 533.462+/-1301.061 χ^2 /NDF:9.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 201.615+/-834.555 χ^2 /NDF: 21.7/19

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.533+/-0.769 χ^2/NDF : 107798.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

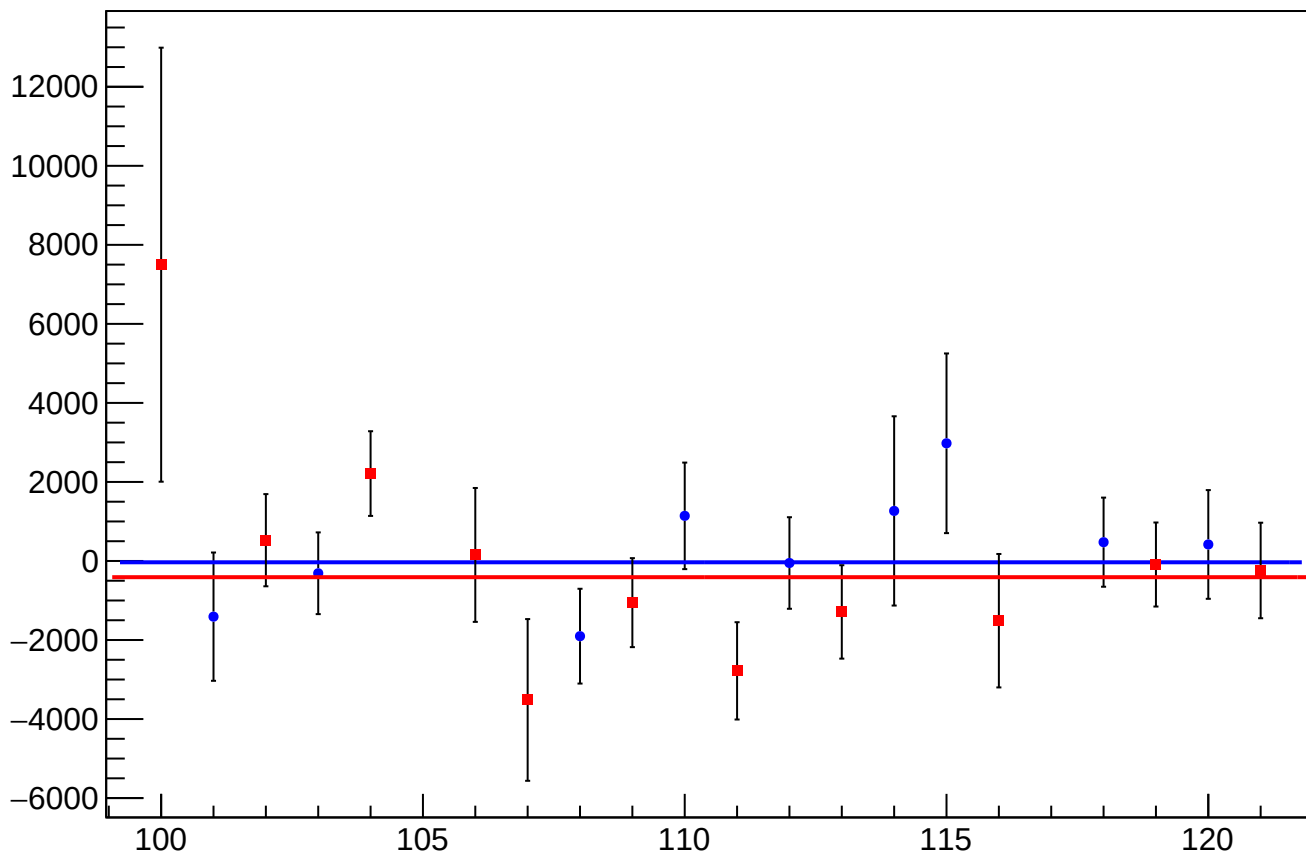
Right: 2345.352+/-0.590 χ^2/NDF : 376120.0/19

In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2345.352+/-0.590 χ^2/NDF : 376120.0/19

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -33.231+/-447.764 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -410.241+/-398.095 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

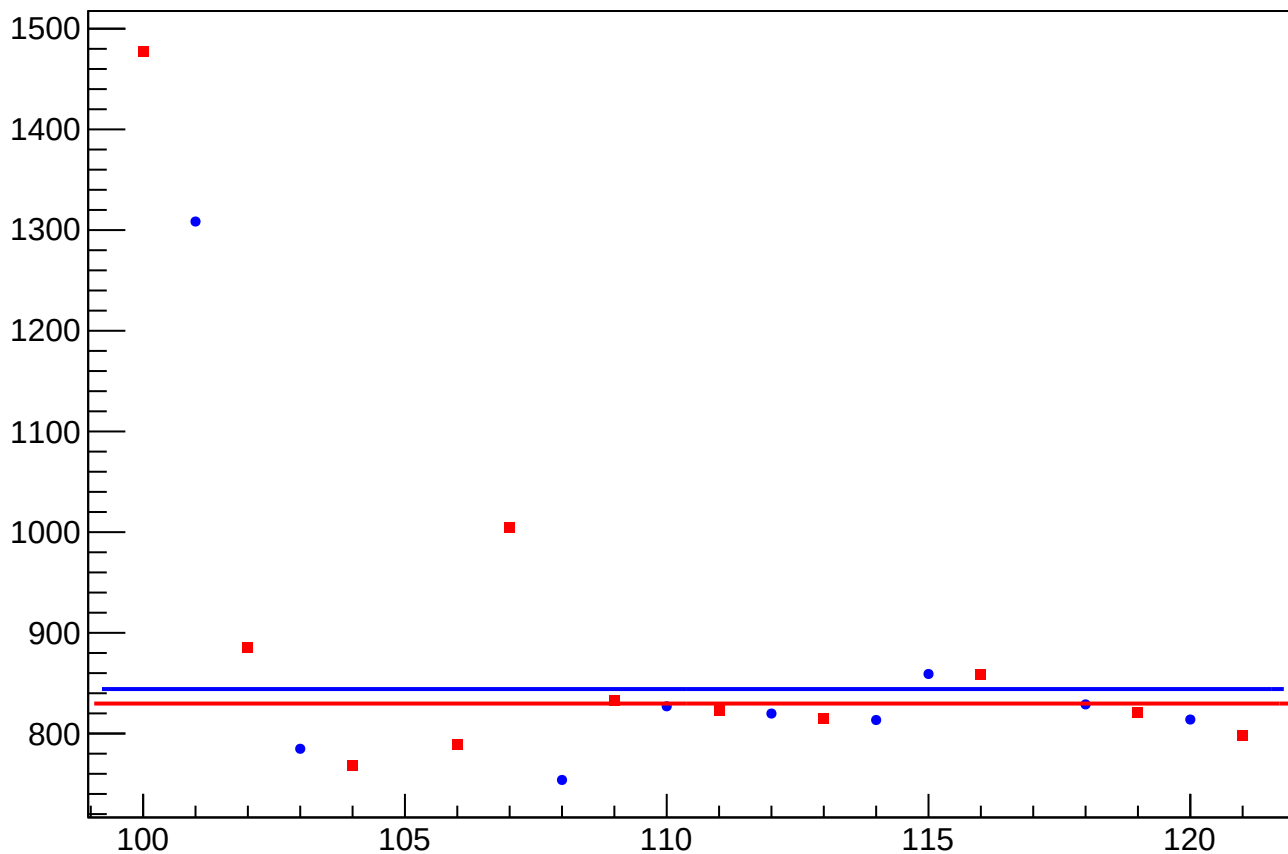
Right: -243.798+/-297.513 χ^2/NDF : 23.0/19

In: -33.231+/-447.764 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.798+/-297.513 χ^2/NDF : 23.0/19

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.778+/-0.279 χ^2/NDF : 57600.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

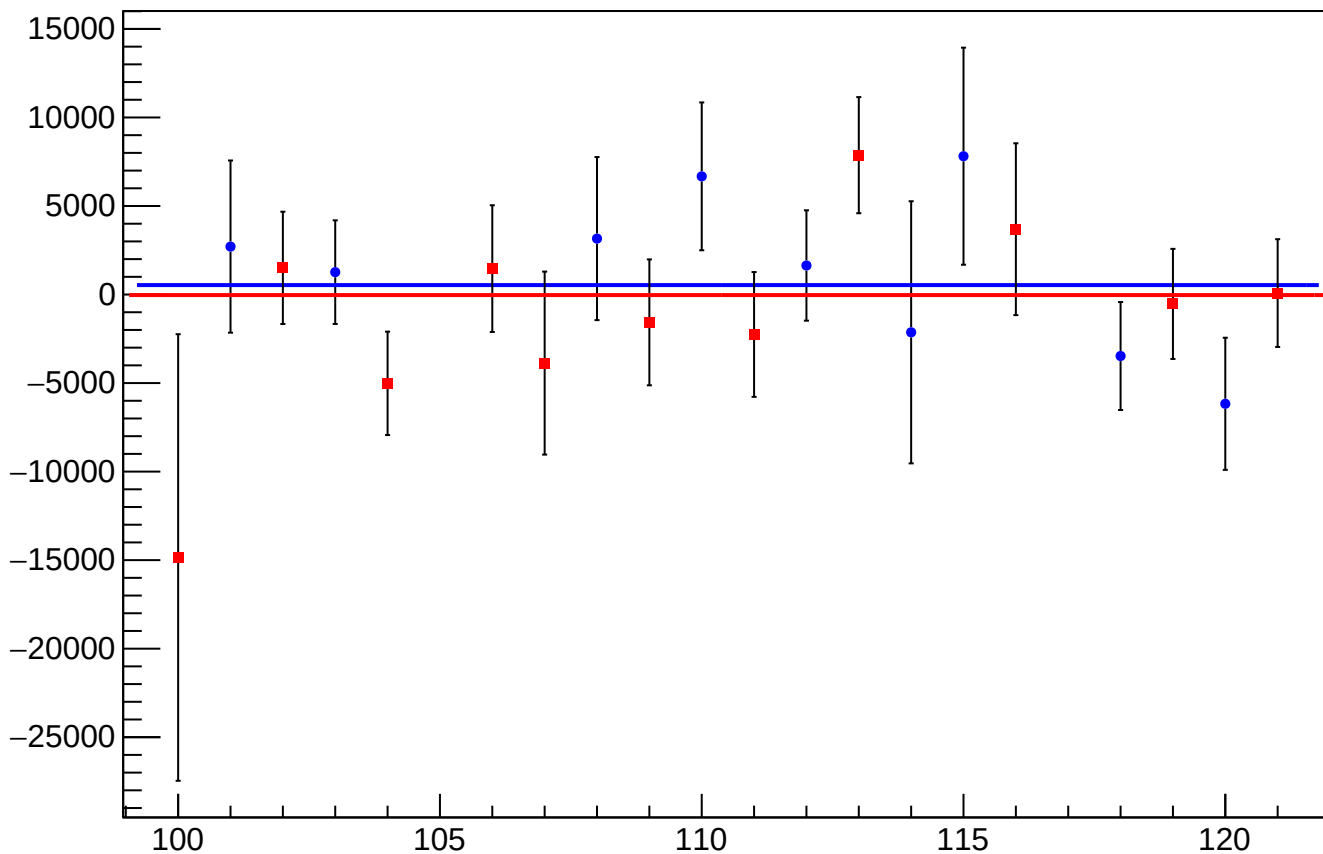
Right: 836.078+/-0.209 χ^2/NDF : 243267.5/19

In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.078+/-0.209 χ^2/NDF : 243267.5/19

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 533.462+/-1301.061 χ^2 /NDF: 9.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -30.373+/-1087.834 χ^2 /NDF: 12.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

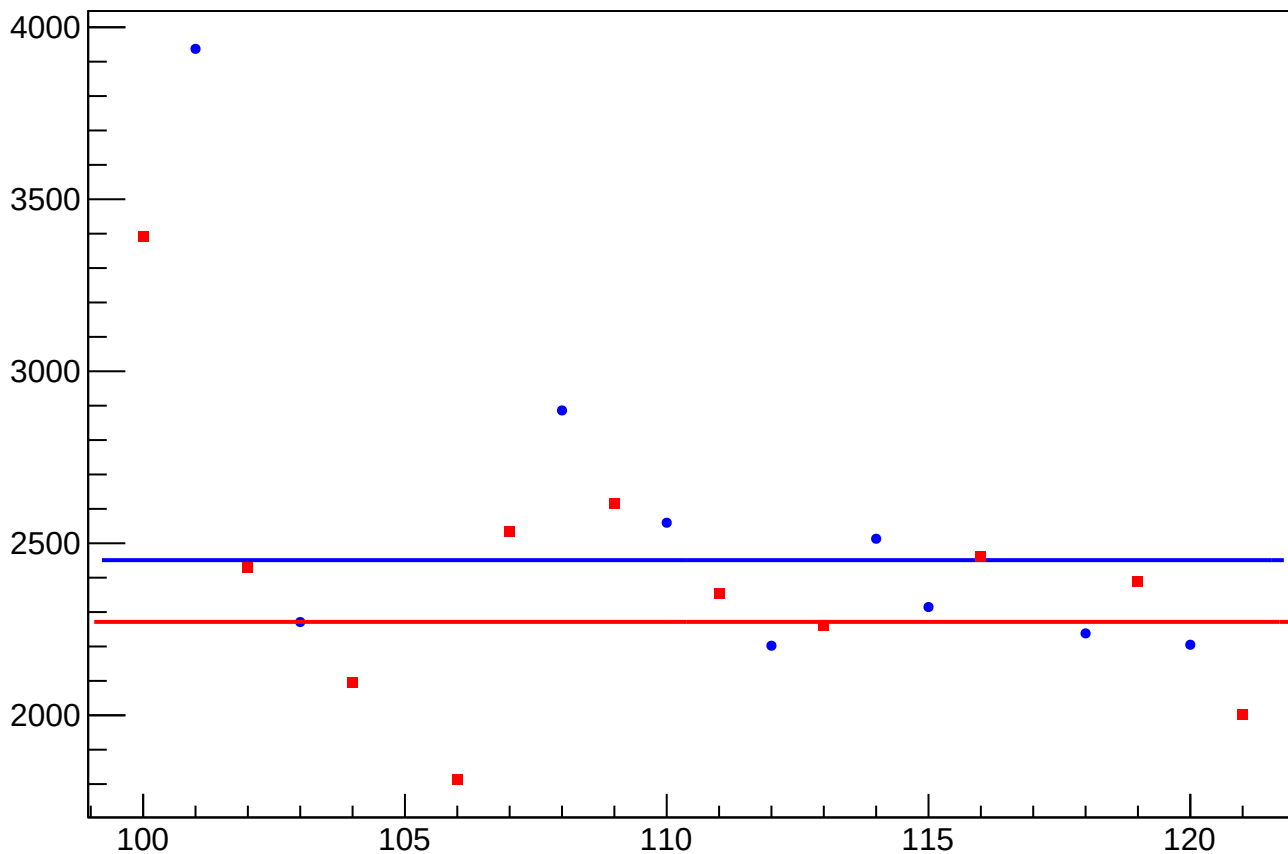
Right: 201.615+/-834.555 χ^2 /NDF: 21.7/19

In: 533.462+/-1301.061 χ^2 /NDF:9.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 201.615+/-834.555 χ^2 /NDF: 21.7/19

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.533+/-0.769 χ^2/NDF : 107798.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

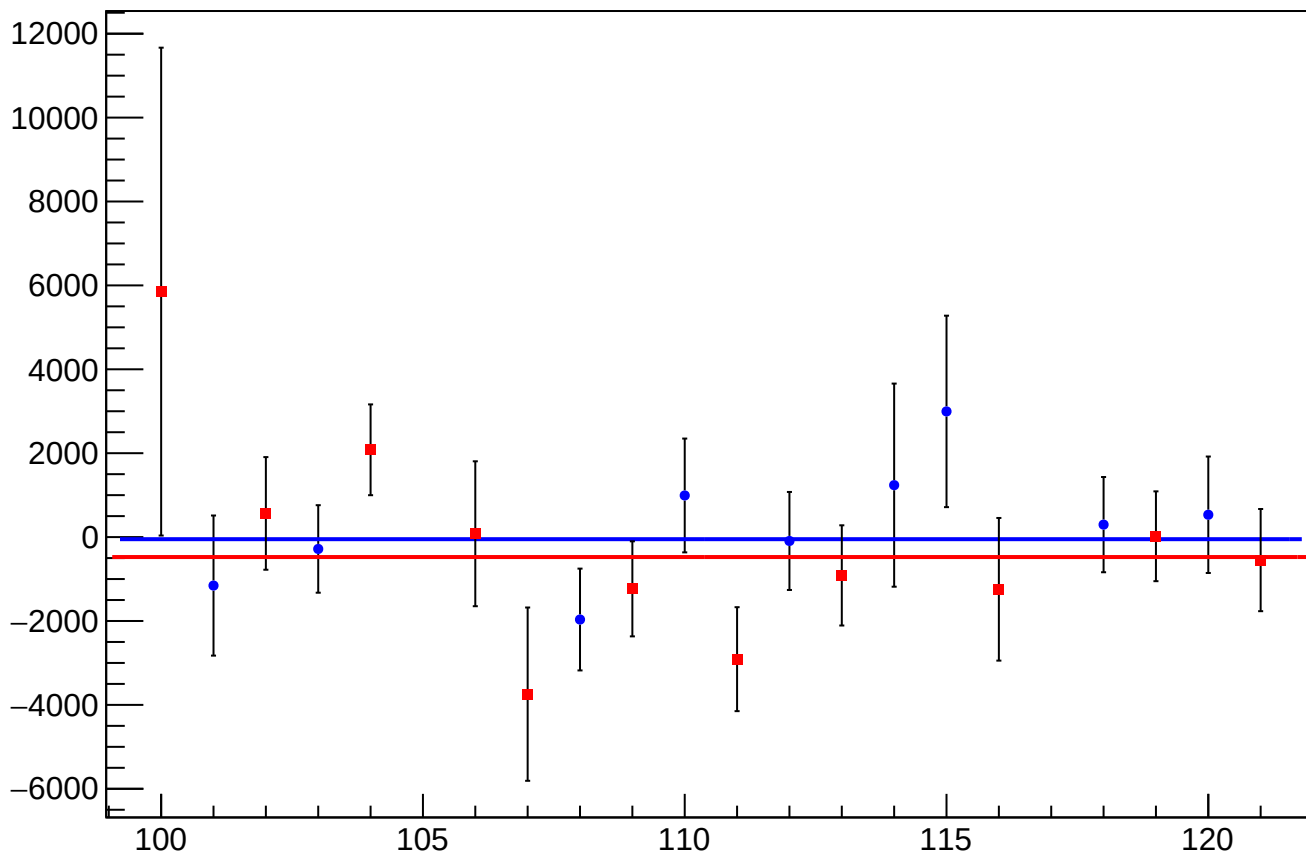
Right: 2345.352+/-0.590 χ^2/NDF : 376120.0/19

In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2345.352+/-0.590 χ^2/NDF : 376120.0/19

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -49.776 ± 452.180 χ^2/NDF : 5.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -475.454 ± 407.179 χ^2/NDF : 14.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

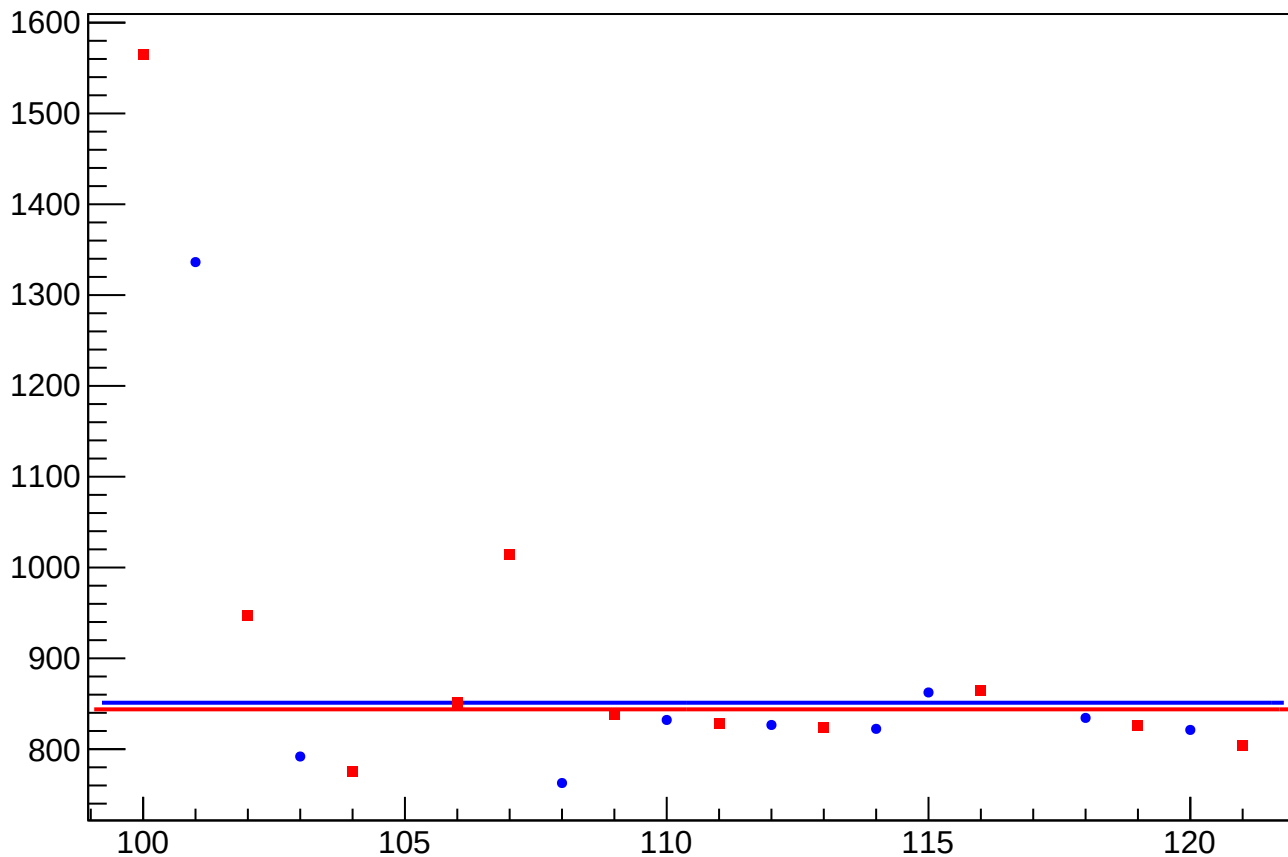
Right: -284.844 ± 302.582 χ^2/NDF : 21.2/19

In: -49.776 ± 452.180 χ^2/NDF : 5.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -284.844 ± 302.582 χ^2/NDF : 21.2/19

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.126+/-0.320 χ^2/NDF : 188868.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.833+/-0.287 χ^2/NDF : 68207.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

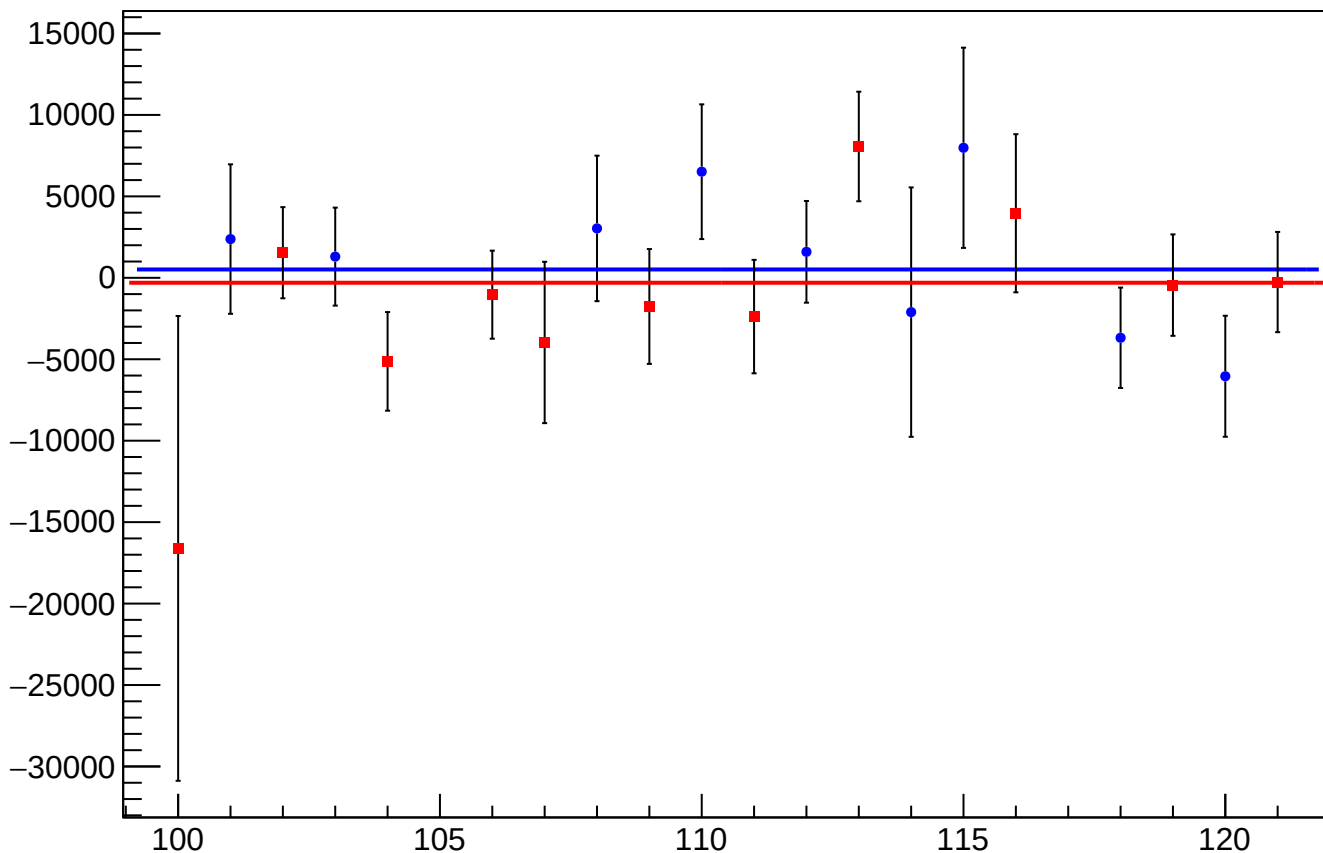
Right: 847.093+/-0.214 χ^2/NDF : 257363.6/19

In: 851.126+/-0.320 χ^2/NDF : 188868.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.093+/-0.214 χ^2/NDF : 257363.6/19

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 512.889+/-1301.253 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.188+/-1041.467 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

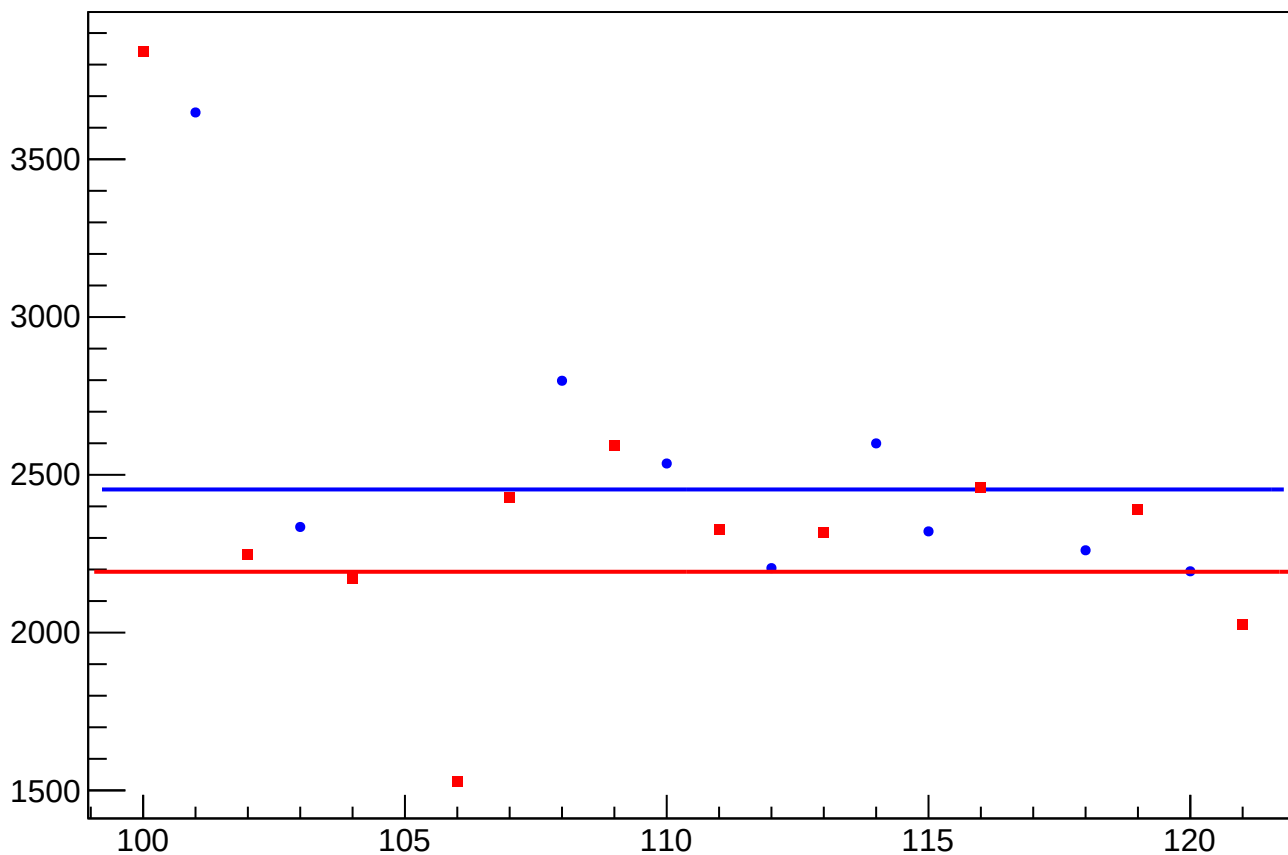
Right: 16.064+/-813.107 χ^2/NDF : 22.0/19

In: 512.889+/-1301.253 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.064+/-813.107 χ^2/NDF : 22.0/19

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2453.627+/-0.920 χ^2/NDF : 183402.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.798+/-0.736 χ^2/NDF : 204297.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

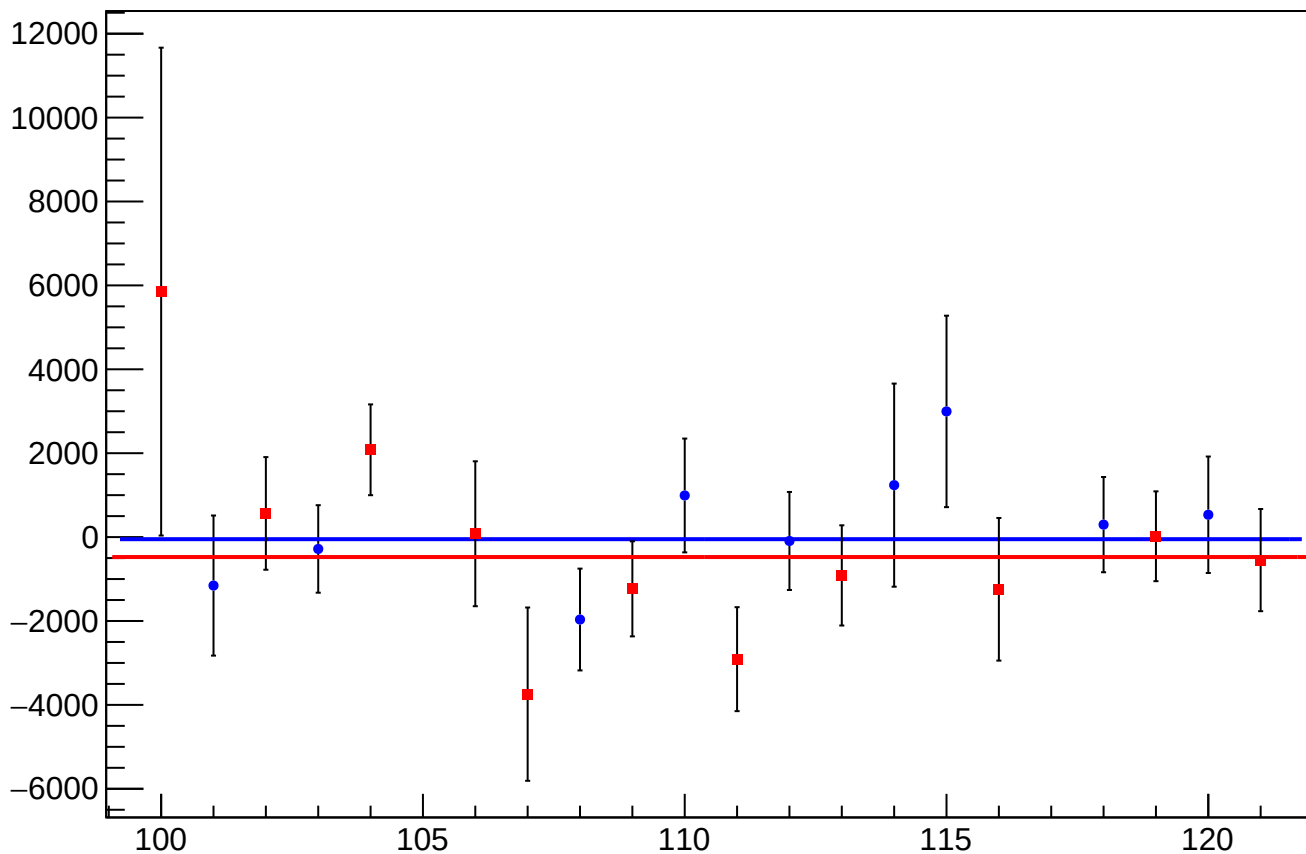
Right: 2294.640+/-0.575 χ^2/NDF : 436680.5/19

In: 2453.627+/-0.920 χ^2/NDF : 183402.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2294.640+/-0.575 χ^2/NDF : 436680.5/19

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -49.777 $\pm$ 452.180 χ^2 /NDF: 5.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -475.463 $\pm$ 407.179 χ^2 /NDF: 14.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

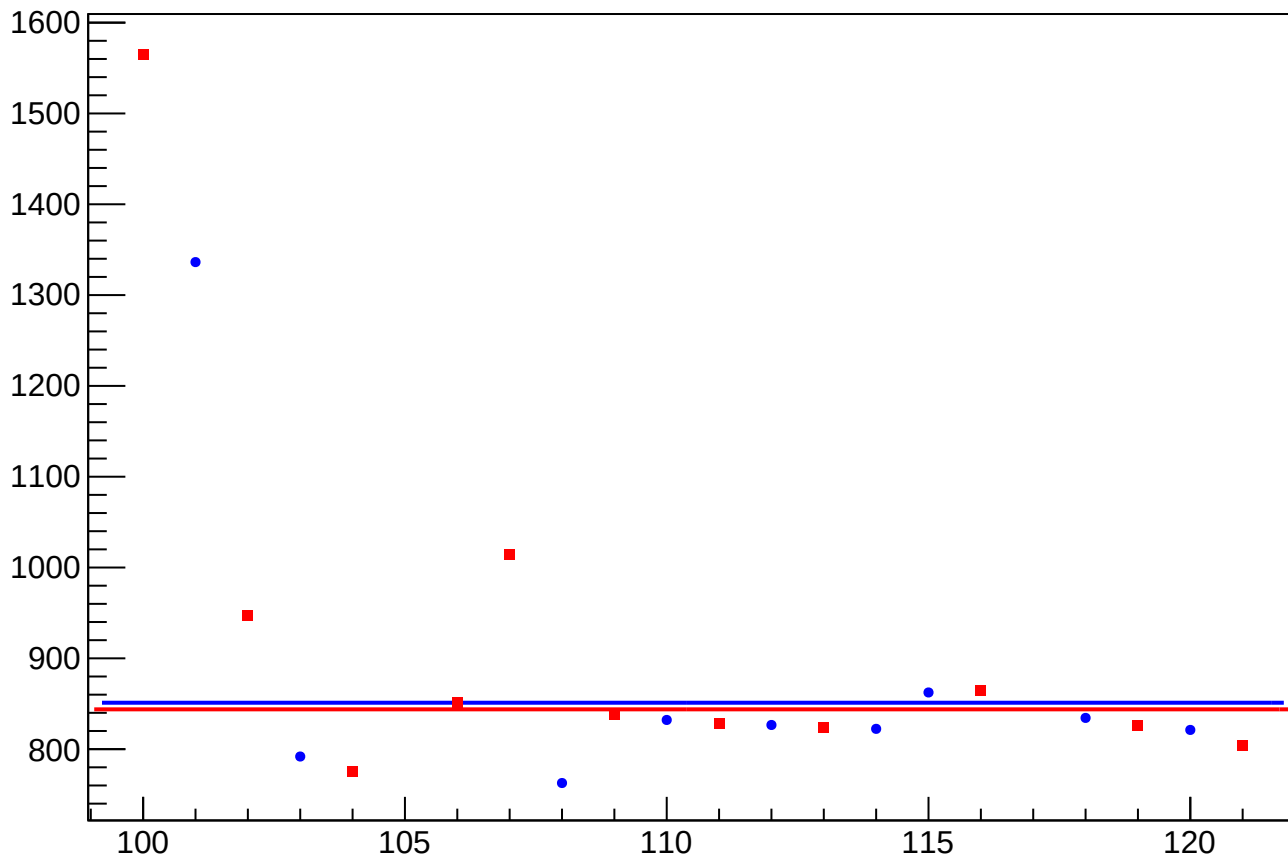
Right: -284.850 $\pm$ 302.582 χ^2 /NDF: 21.2/19

In: -49.777 $\pm$ 452.180 χ^2 /NDF:5.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -284.850 $\pm$ 302.582 χ^2 /NDF: 21.2/19

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.126+/-0.320 χ^2/NDF : 188868.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.833+/-0.287 χ^2/NDF : 68207.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

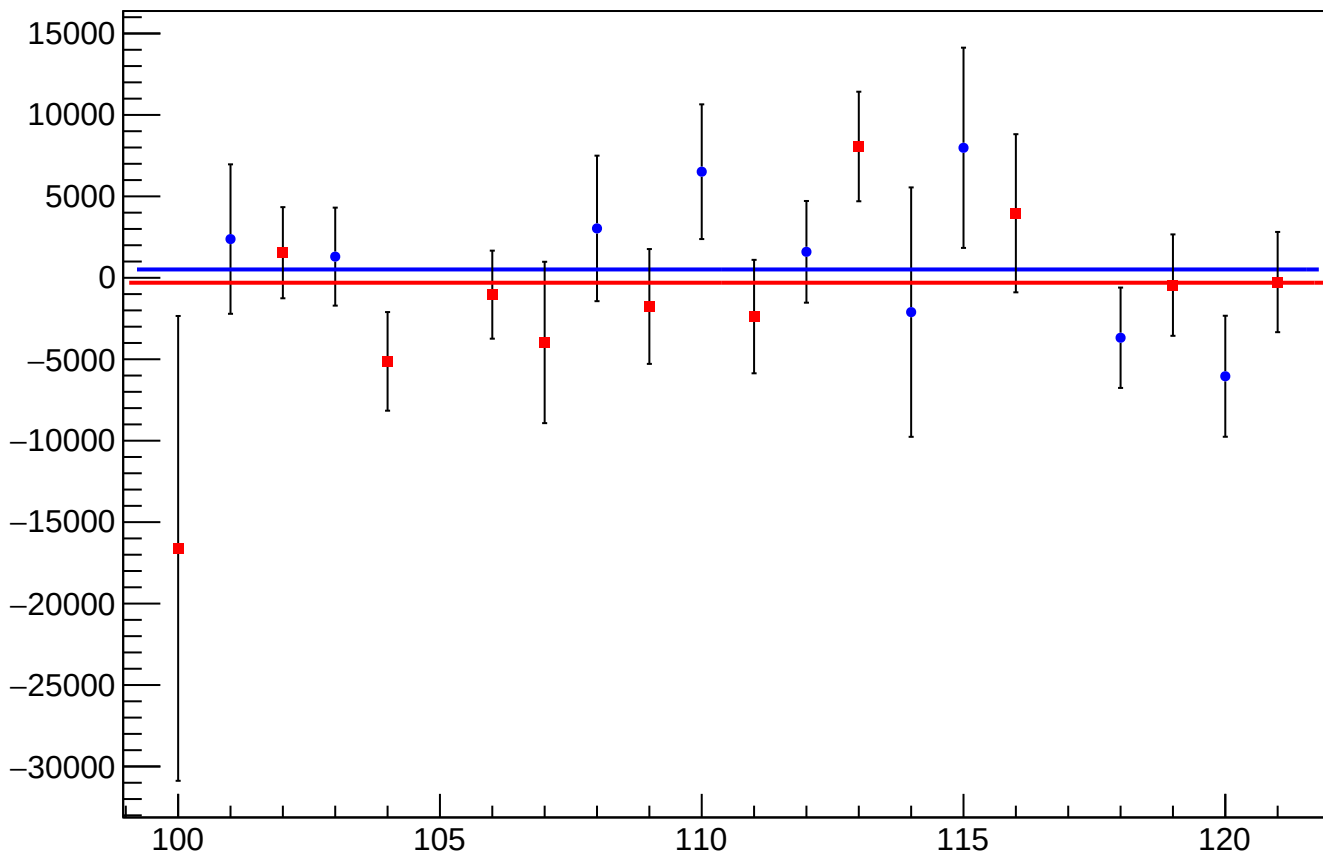
Right: 847.093+/-0.214 χ^2/NDF : 257363.0/19

In: 851.126+/-0.320 χ^2/NDF : 188868.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.093+/-0.214 χ^2/NDF : 257363.0/19

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 512.881+/-1301.248 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.187+/-1041.464 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

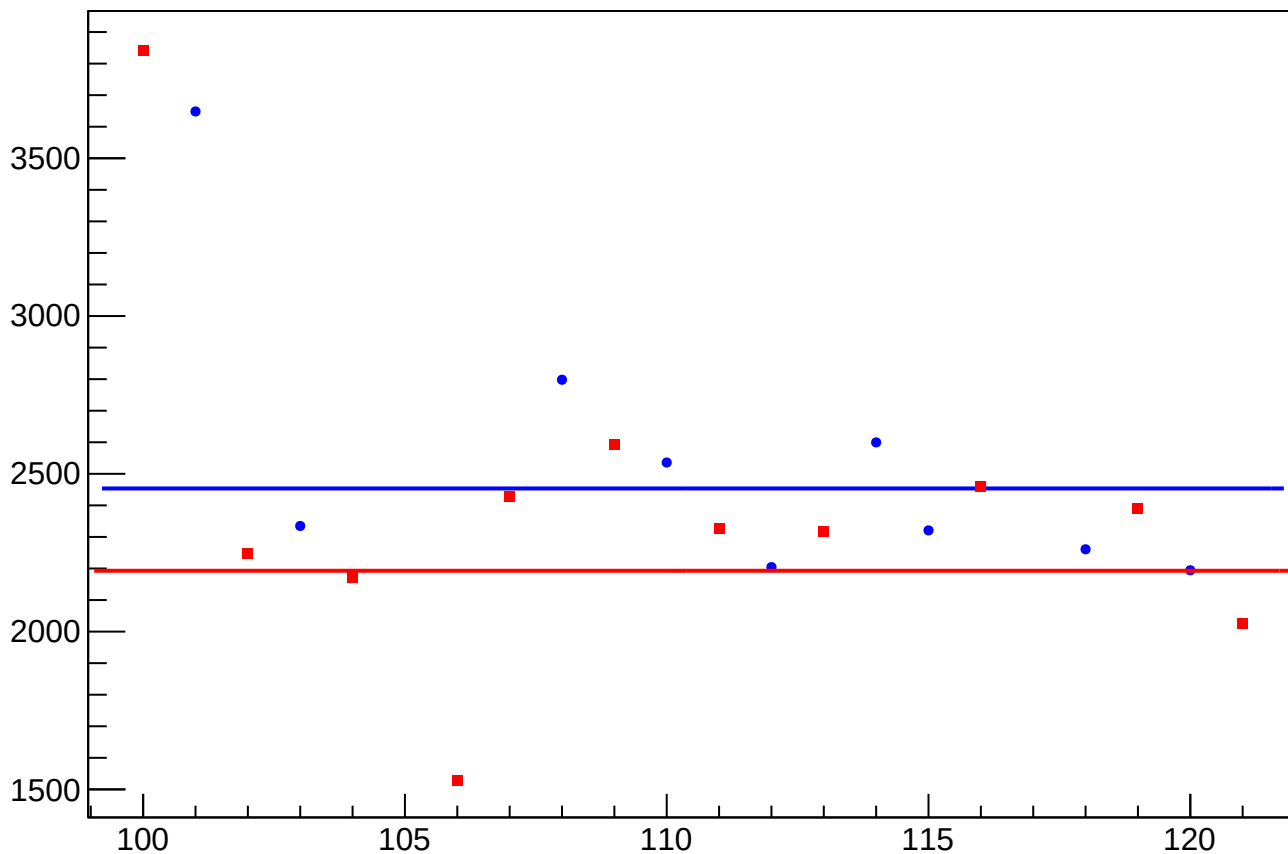
Right: 16.062+/-813.105 χ^2/NDF : 22.0/19

In: 512.881+/-1301.248 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.062+/-813.105 χ^2/NDF : 22.0/19

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2453.617+/-0.920 χ^2/NDF : 183404.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.792+/-0.736 χ^2/NDF : 204298.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

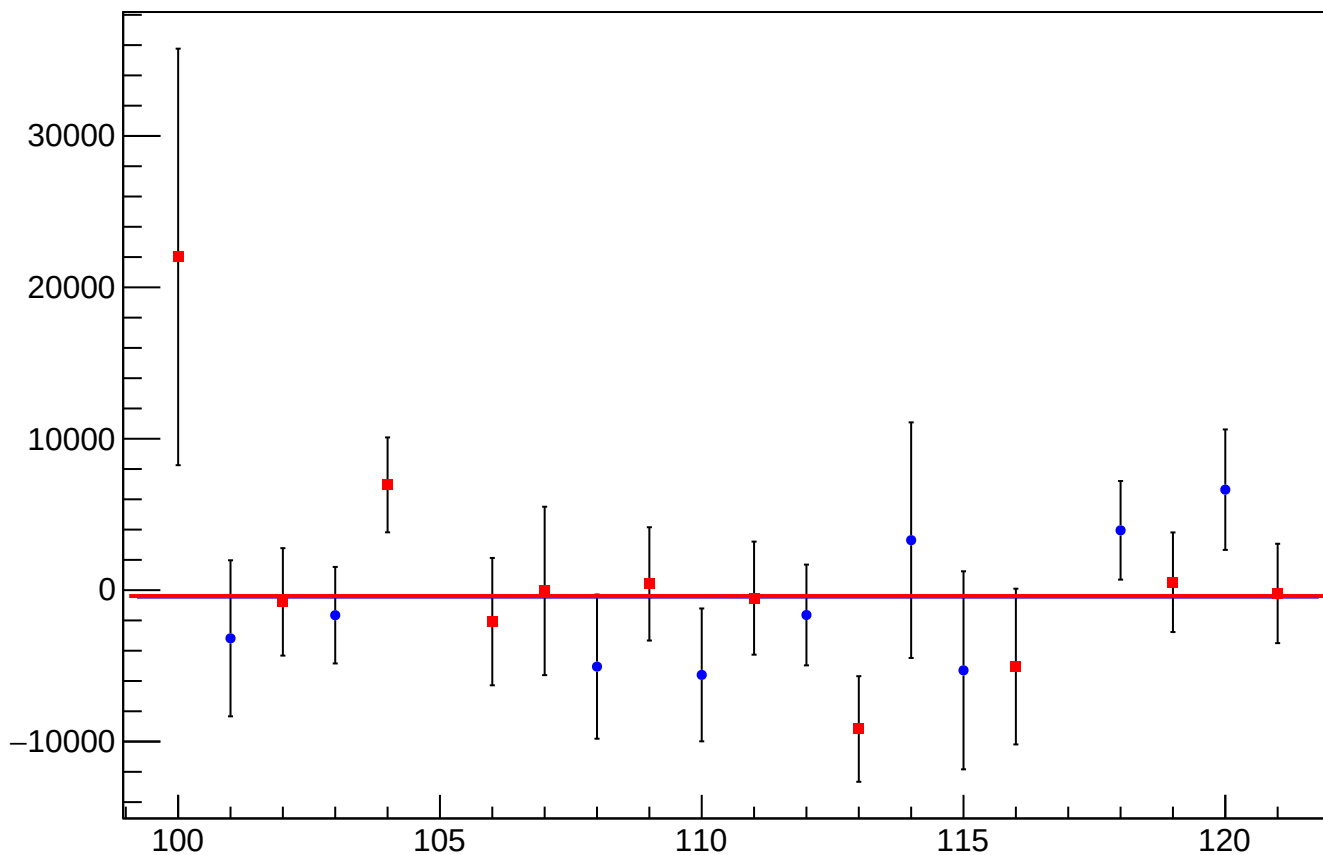
Right: 2294.633+/-0.575 χ^2/NDF : 436682.8/19

In: 2453.617+/-0.920 χ^2/NDF : 183404.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2294.633+/-0.575 χ^2/NDF : 436682.8/19

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -425.601+/-1386.999 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.032+/-1175.504 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

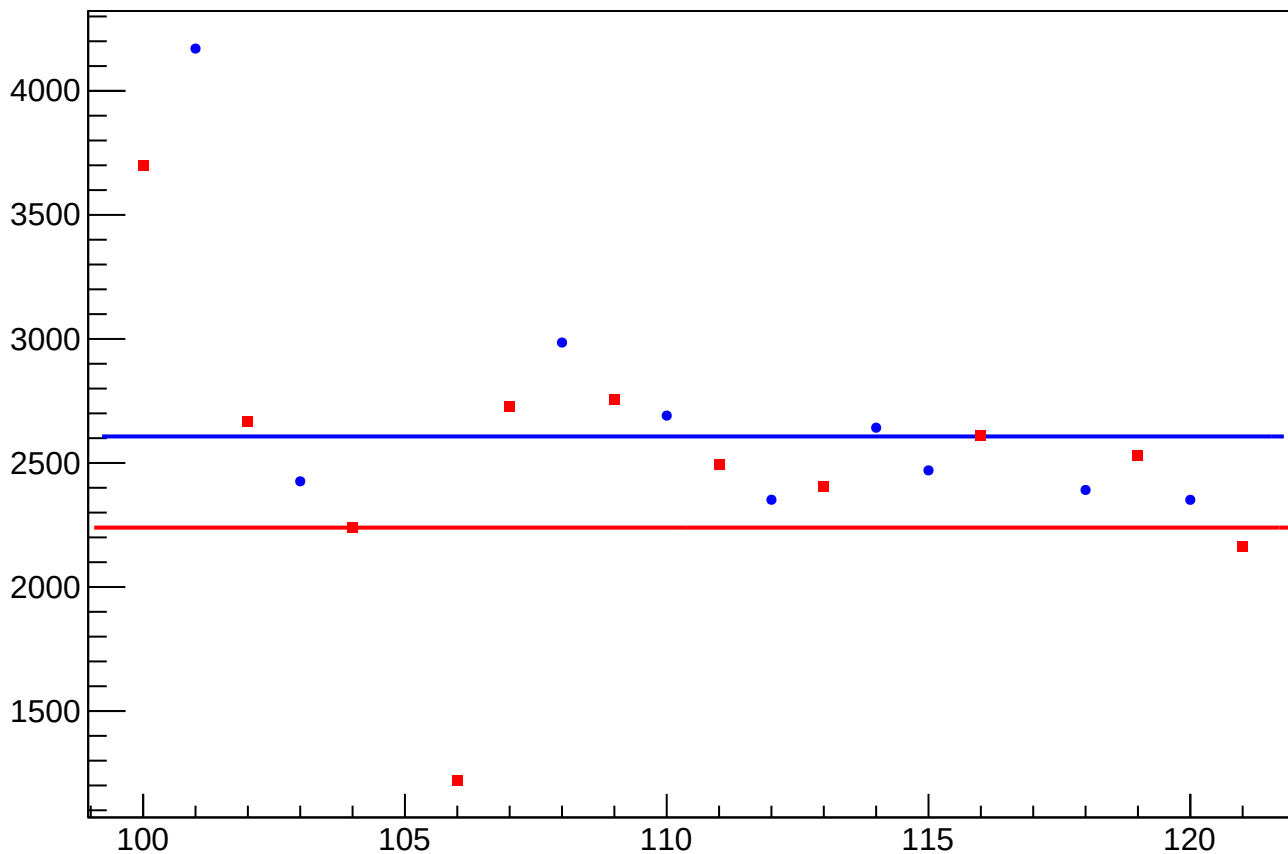
Right: -404.319+/-896.761 χ^2/NDF : 24.2/19

In: -425.601+/-1386.999 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.319+/-896.761 χ^2/NDF : 24.2/19

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2606.922+/-0.981 χ^2/NDF : 233590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.437+/-0.779 χ^2/NDF : 472298.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

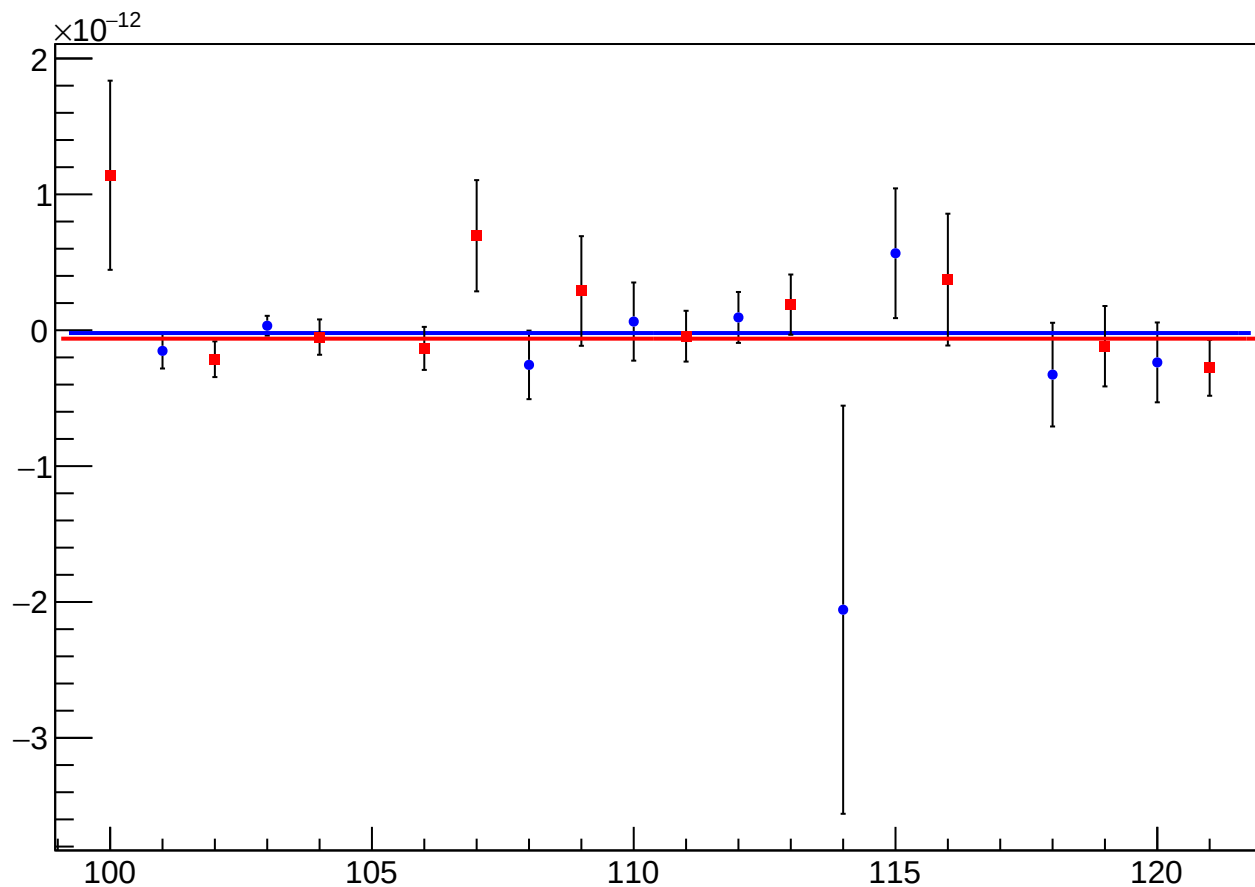
Right: 2381.573+/-0.610 χ^2/NDF : 791983.1/19

In: 2606.922+/-0.981 χ^2/NDF : 233590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2381.573+/-0.610 χ^2/NDF : 791983.1/19

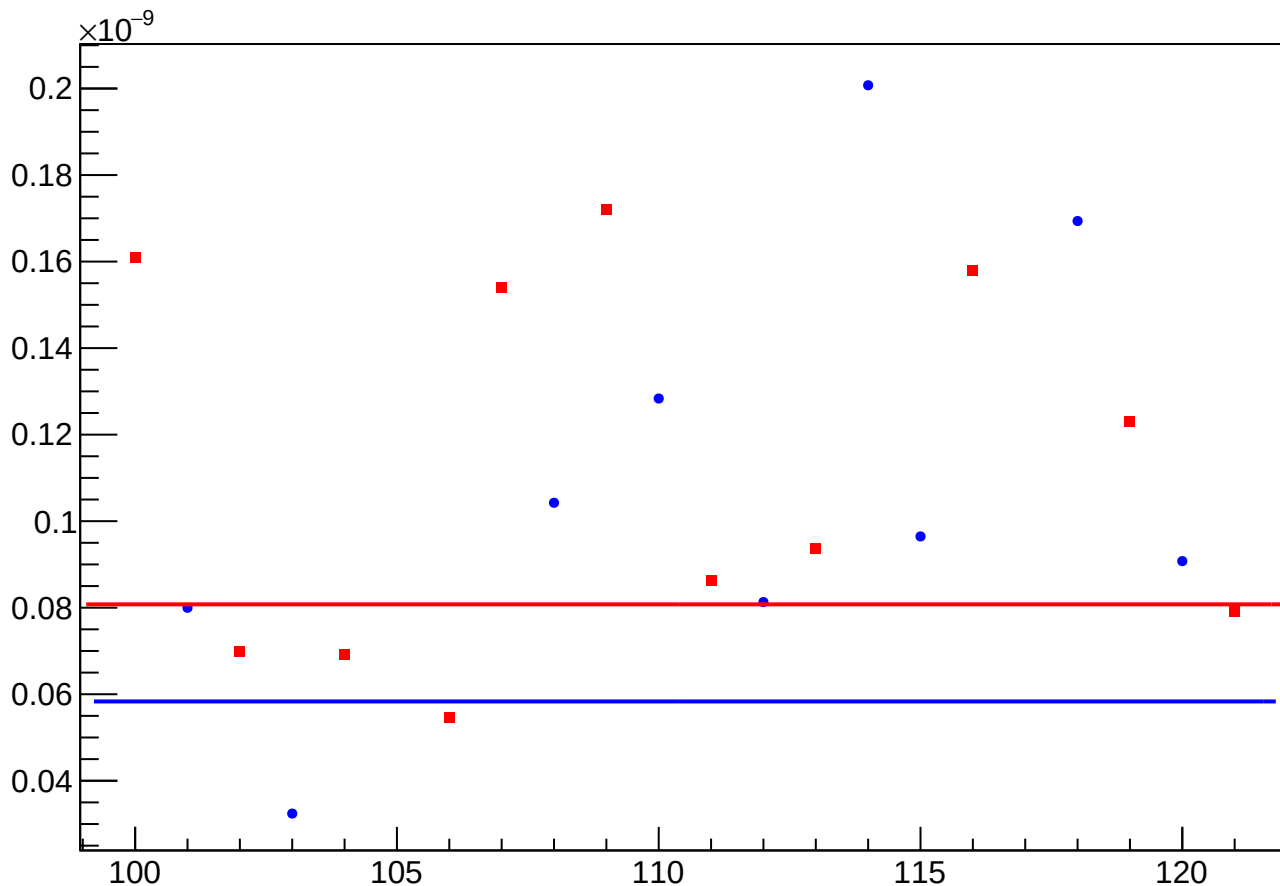
asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 19.6/19
 In: -0.000+/-0.000 χ^2/NDF :7.4/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 19.6/19

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747780.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377472.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

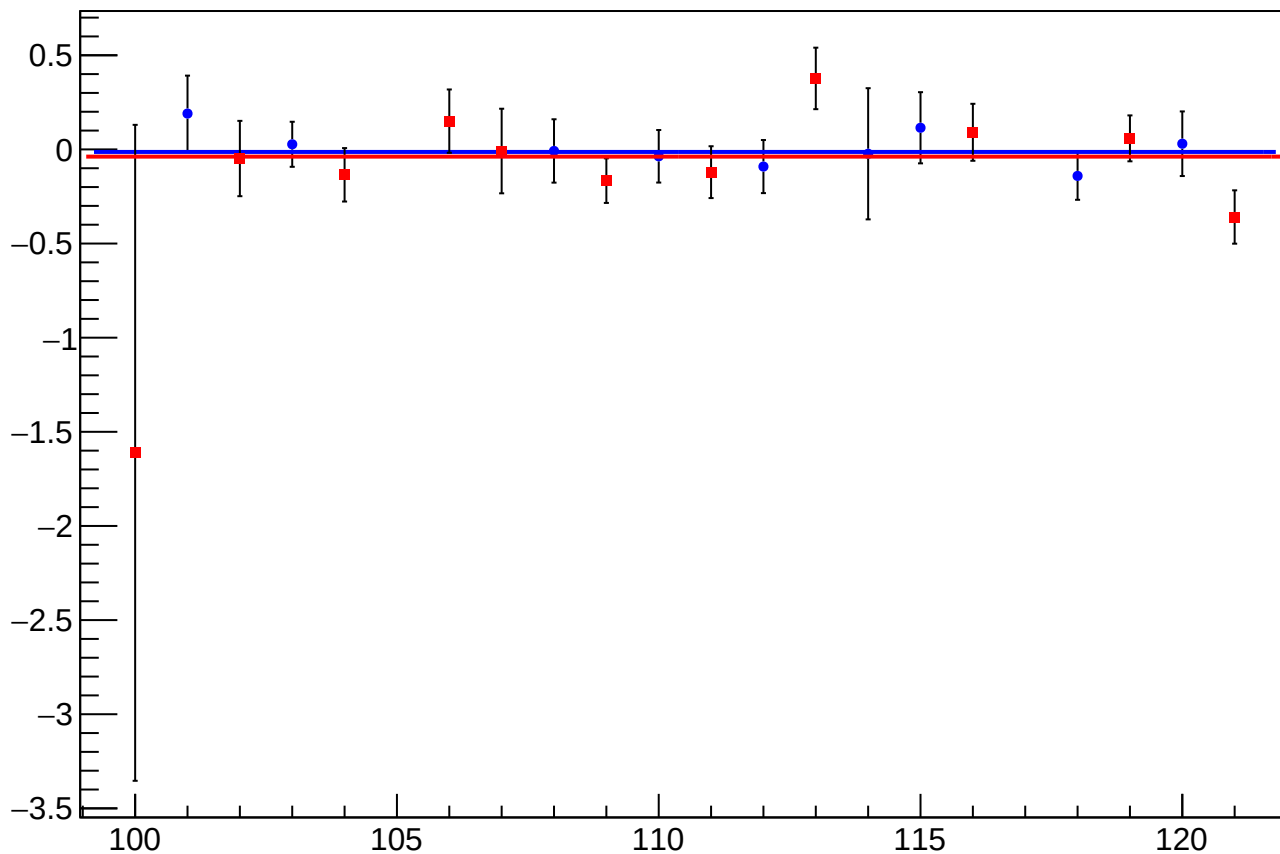
Right: 0.000+/-0.000 χ^2/NDF : 1270949.3/19

In: 0.000+/-0.000 χ^2/NDF : 747780.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1270949.3/19

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.052 χ^2/NDF : 3.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.038+/-0.047 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

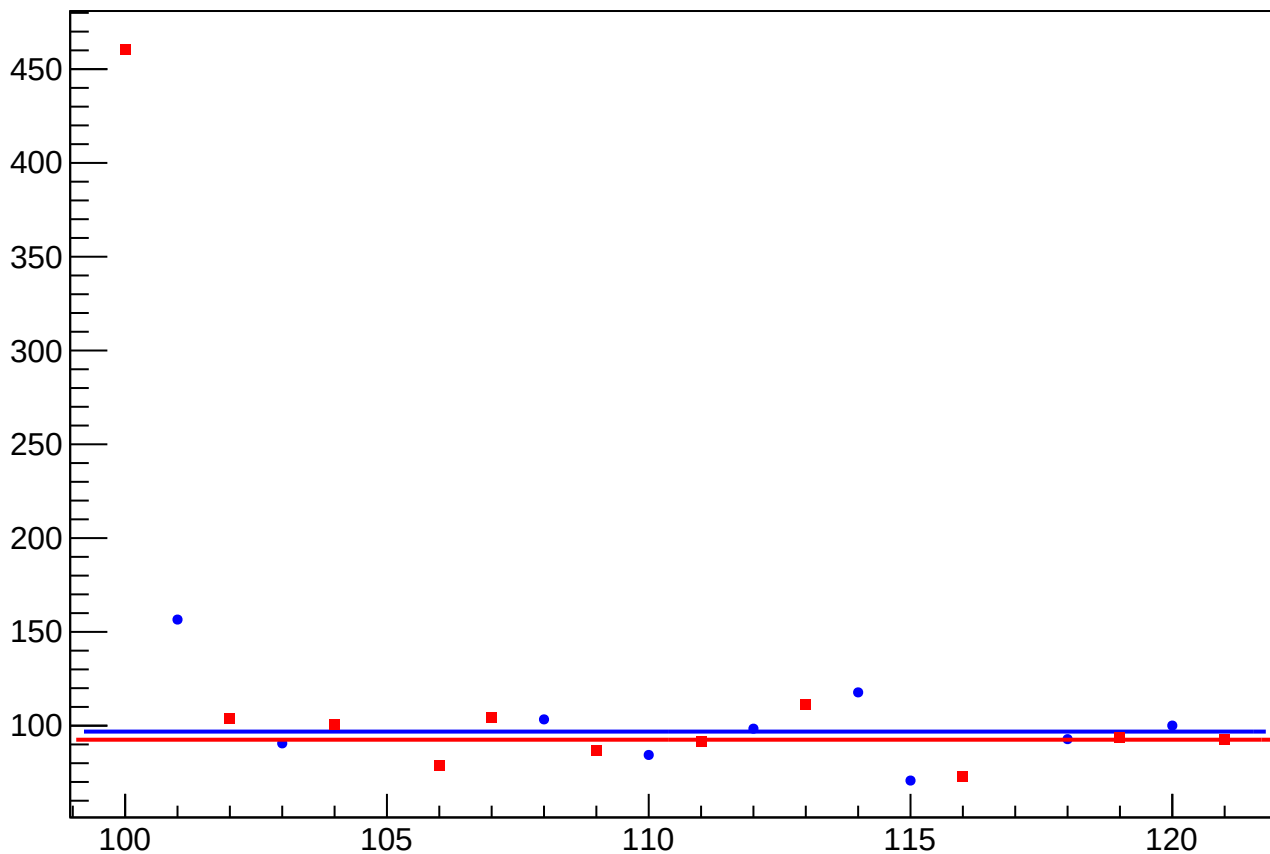
Right: -0.027+/-0.035 χ^2/NDF : 20.2/19

In: -0.013+/-0.052 χ^2/NDF :3.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.035 χ^2/NDF : 20.2/19

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.524+/-0.033 χ^2/NDF : 184745.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

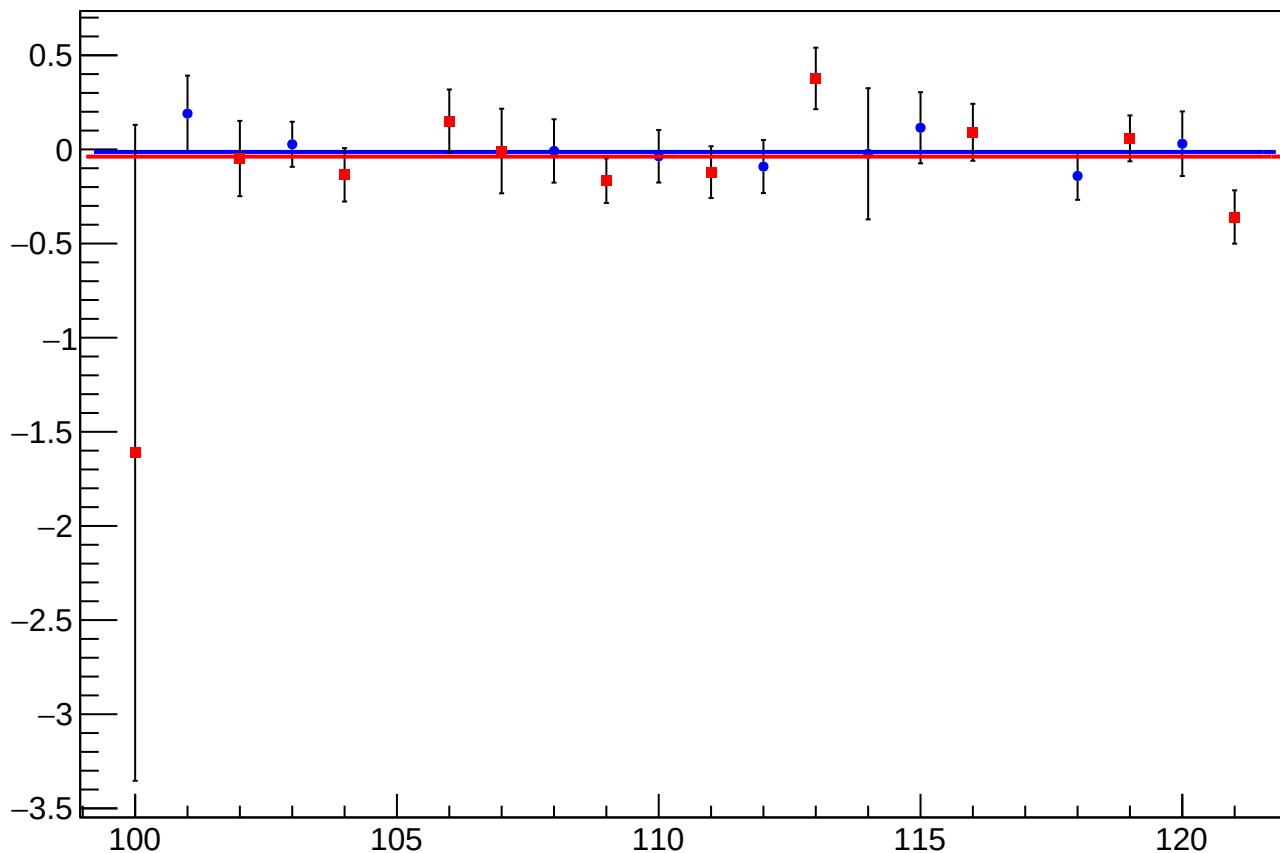
Right: 94.454+/-0.025 χ^2/NDF : 440579.2/19

In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.454+/-0.025 χ^2/NDF : 440579.2/19

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.052 χ^2/NDF : 3.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.038+/-0.047 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

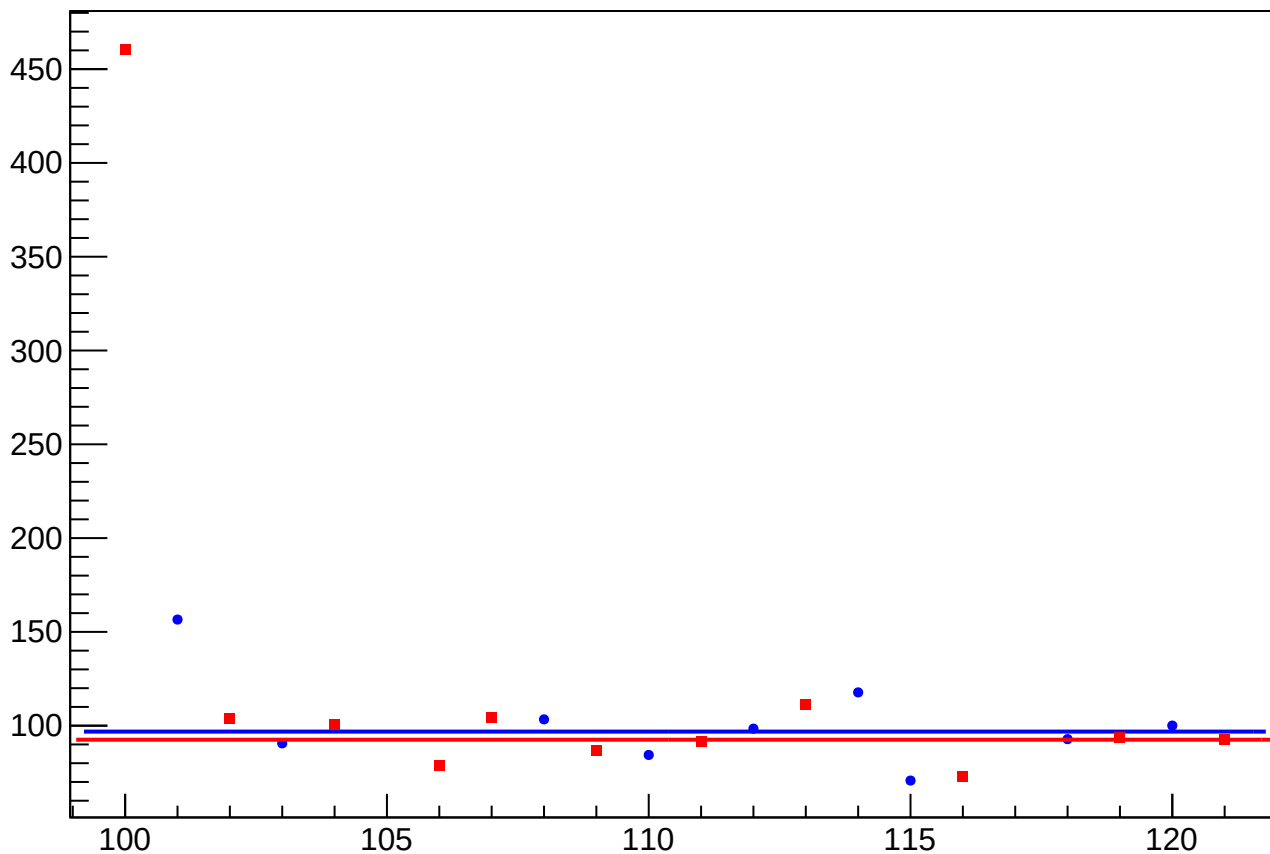
Right: -0.027+/-0.035 χ^2/NDF : 20.2/19

In: -0.013+/-0.052 χ^2/NDF :3.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.035 χ^2/NDF : 20.2/19

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.524+/-0.033 χ^2/NDF : 184745.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

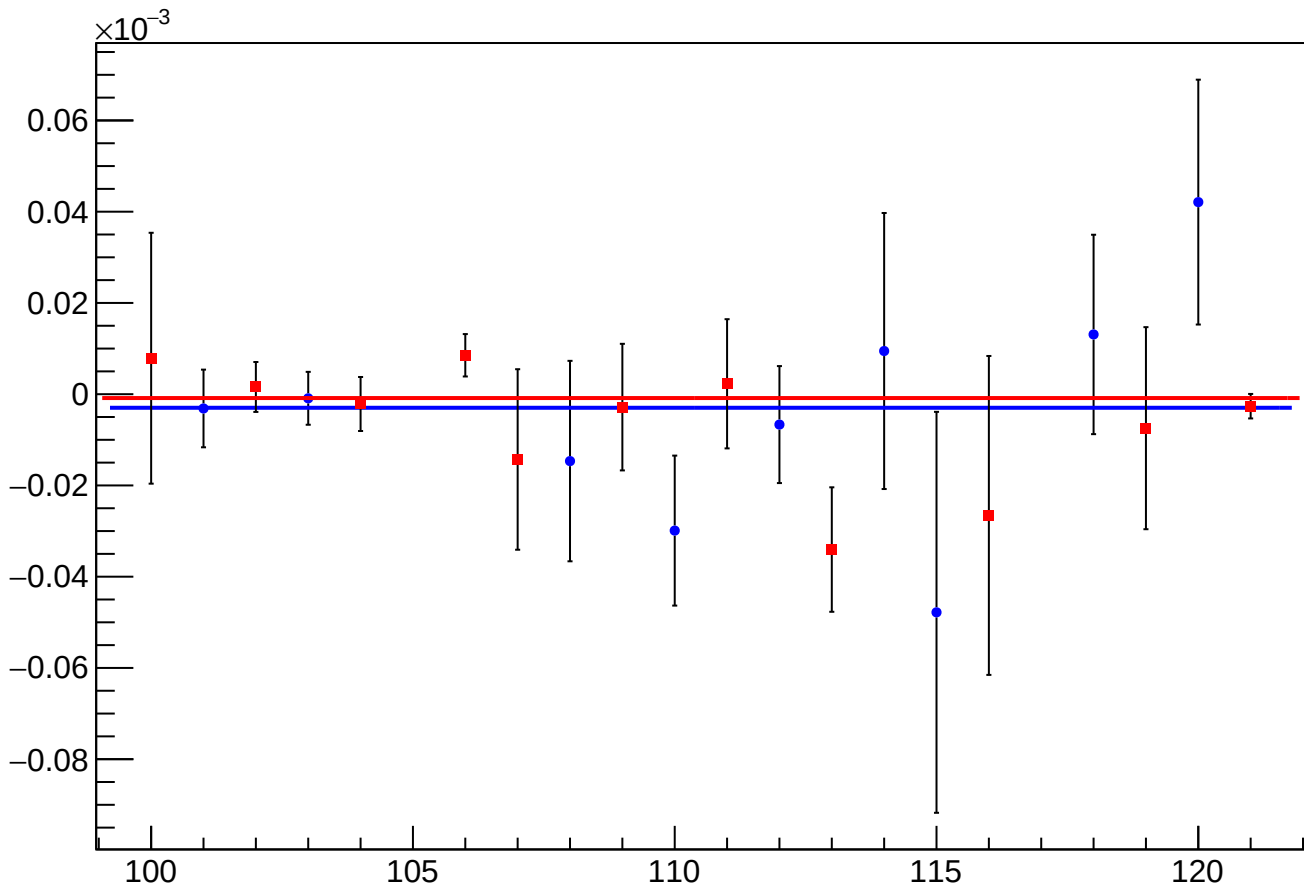
Right: 94.454+/-0.025 χ^2/NDF : 440579.2/19

In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.454+/-0.025 χ^2/NDF : 440579.2/19

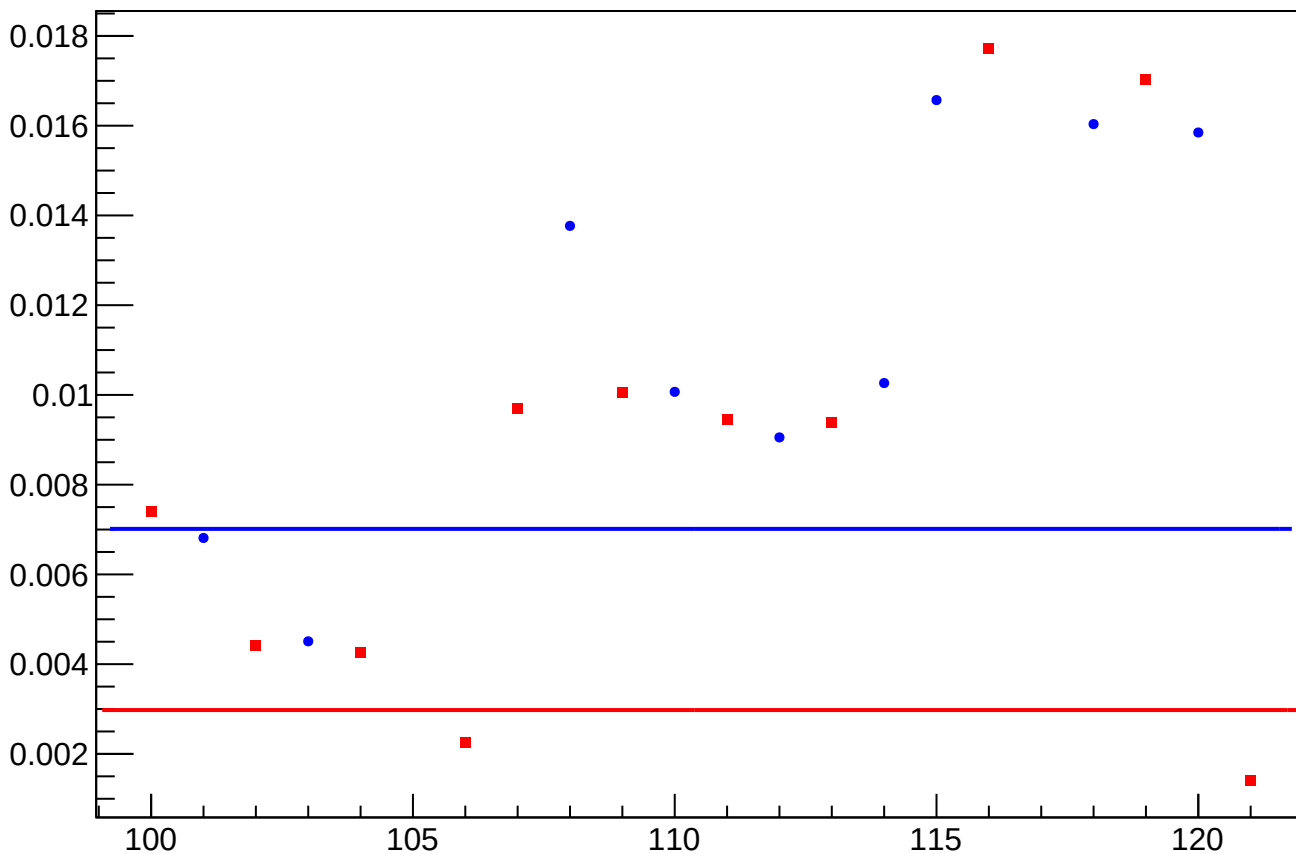
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.7/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 11.9/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 19.9/19
 In: -0.000+/-0.000 χ^2 /NDF:7.7/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 19.9/19

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1358639.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3792755.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

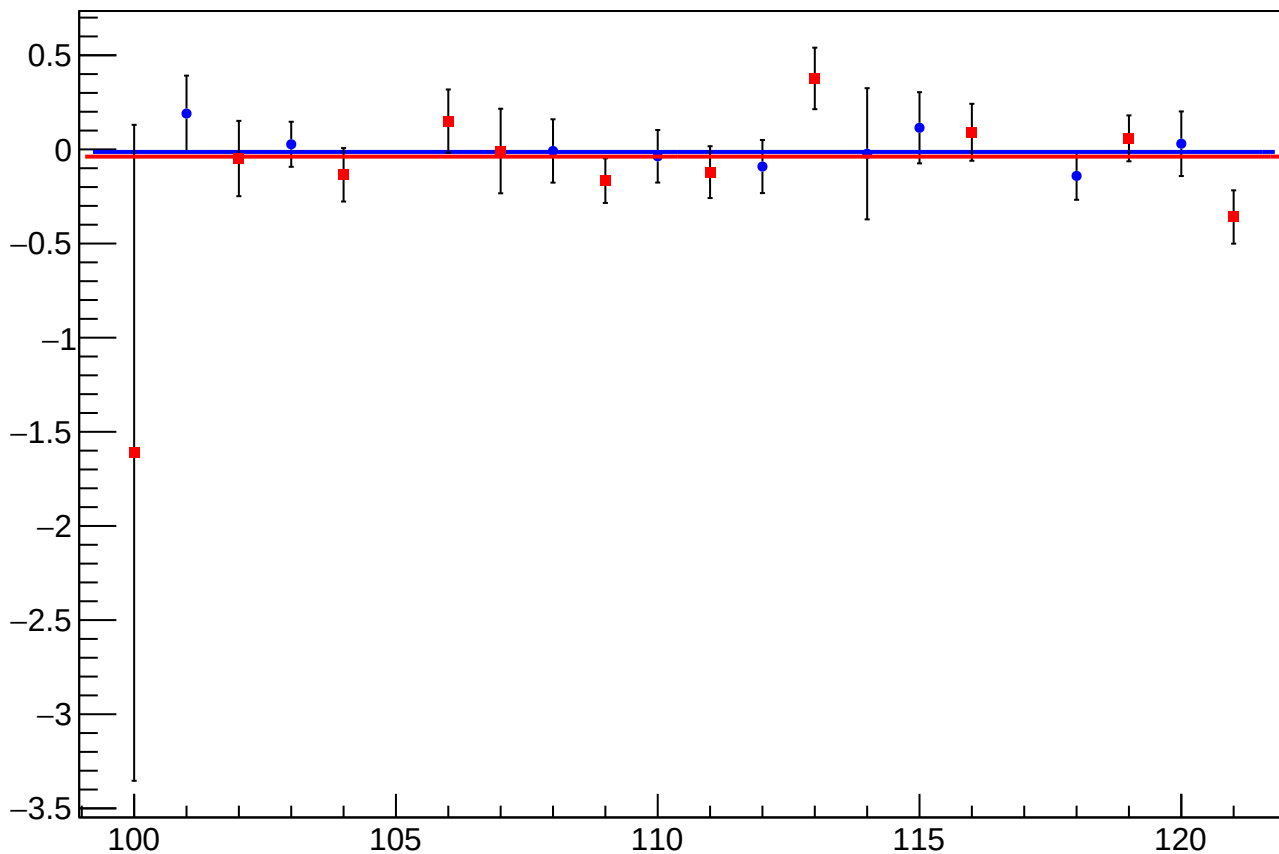
Right: 0.004+/-0.000 χ^2/NDF : 6762035.4/19

In: 0.007+/-0.000 χ^2/NDF :1358639.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6762035.4/19

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.052 χ^2/NDF : 3.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.047 χ^2/NDF : 17.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

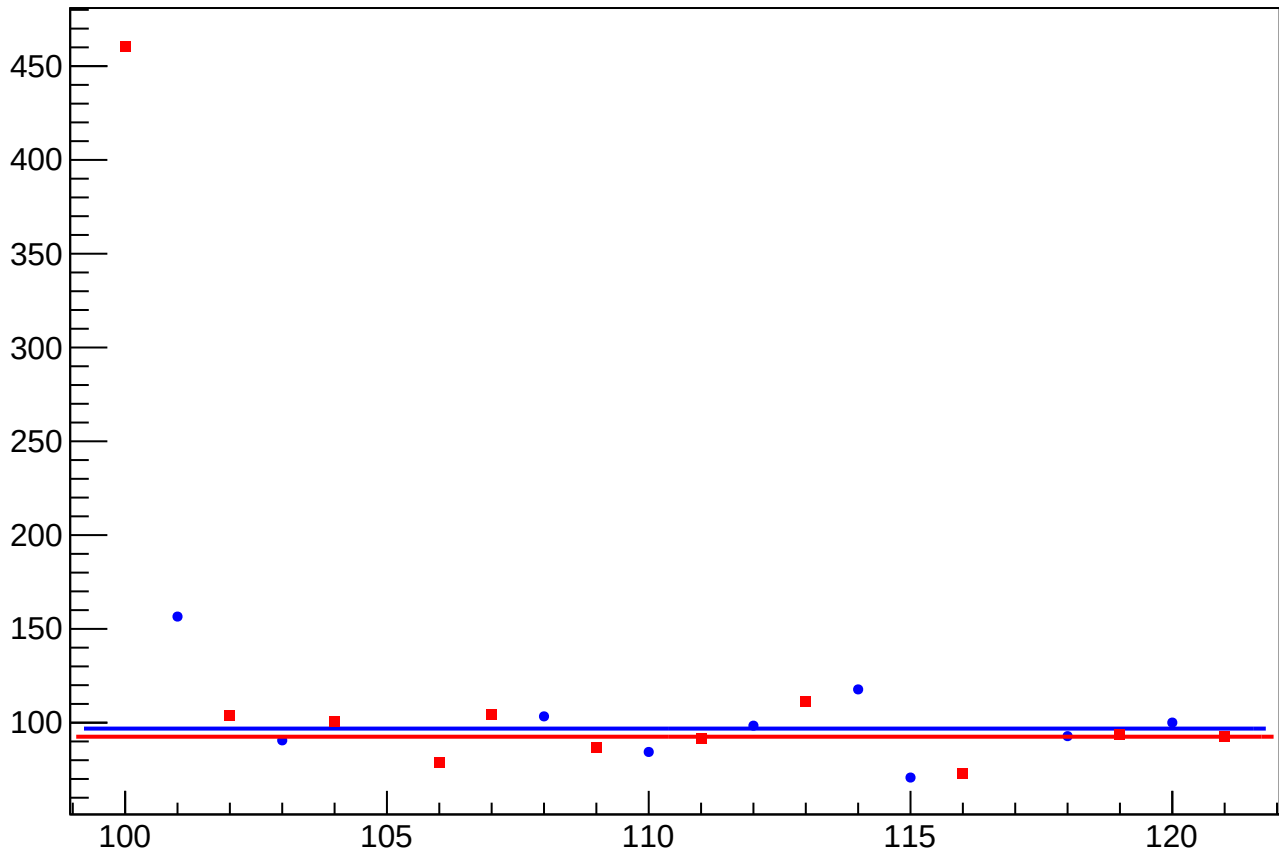
Right: -0.027 ± 0.035 χ^2/NDF : 20.2/19

In: -0.013 ± 0.052 χ^2/NDF : 3.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.035 χ^2/NDF : 20.2/19

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.857 $\pm$ 0.037 χ^2 /NDF: 248241.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.526 $\pm$ 0.033 χ^2 /NDF: 184699.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

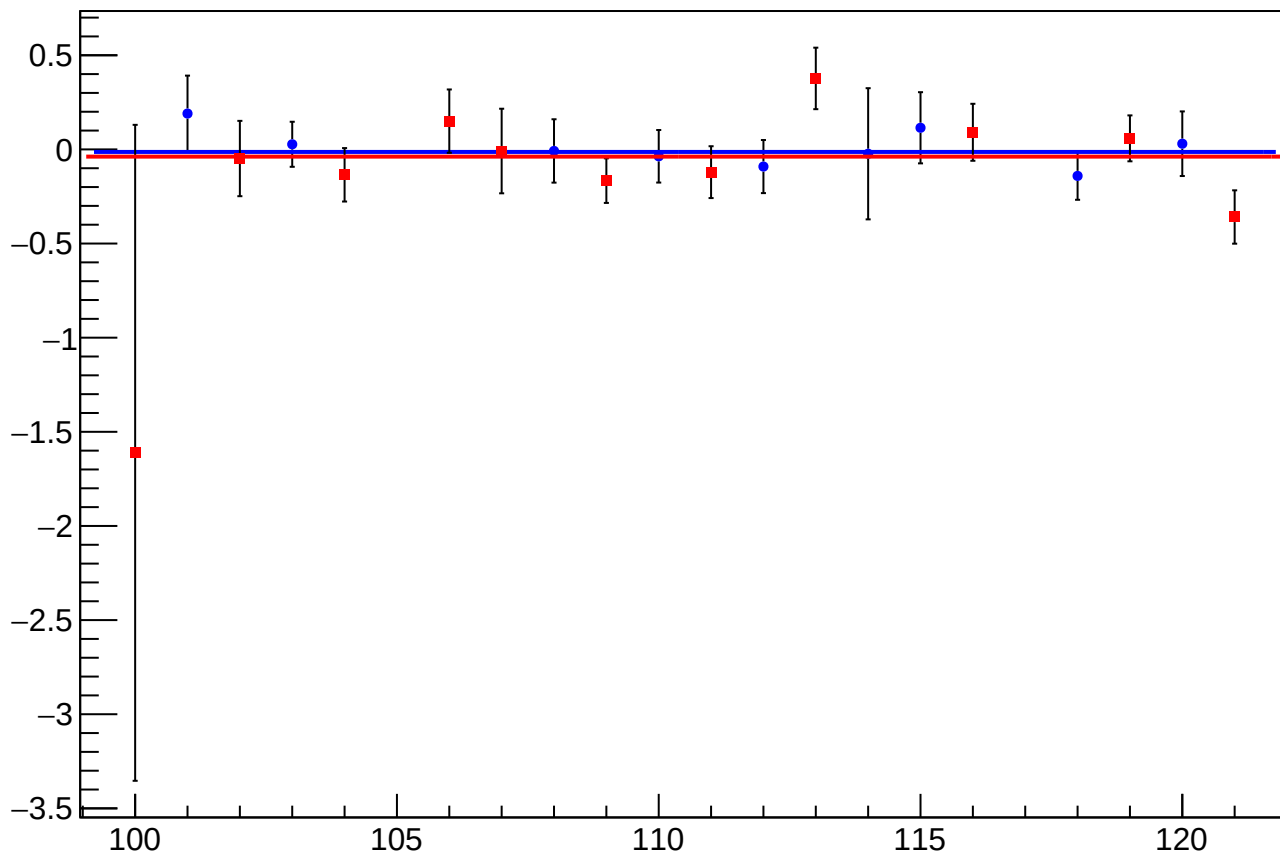
Right: 94.456 $\pm$ 0.025 χ^2 /NDF: 440506.9/19

In: 96.857 $\pm$ 0.037 χ^2 /NDF:248241.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.456 $\pm$ 0.025 χ^2 /NDF: 440506.9/19

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.052 χ^2/NDF : 3.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.047 χ^2/NDF : 17.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

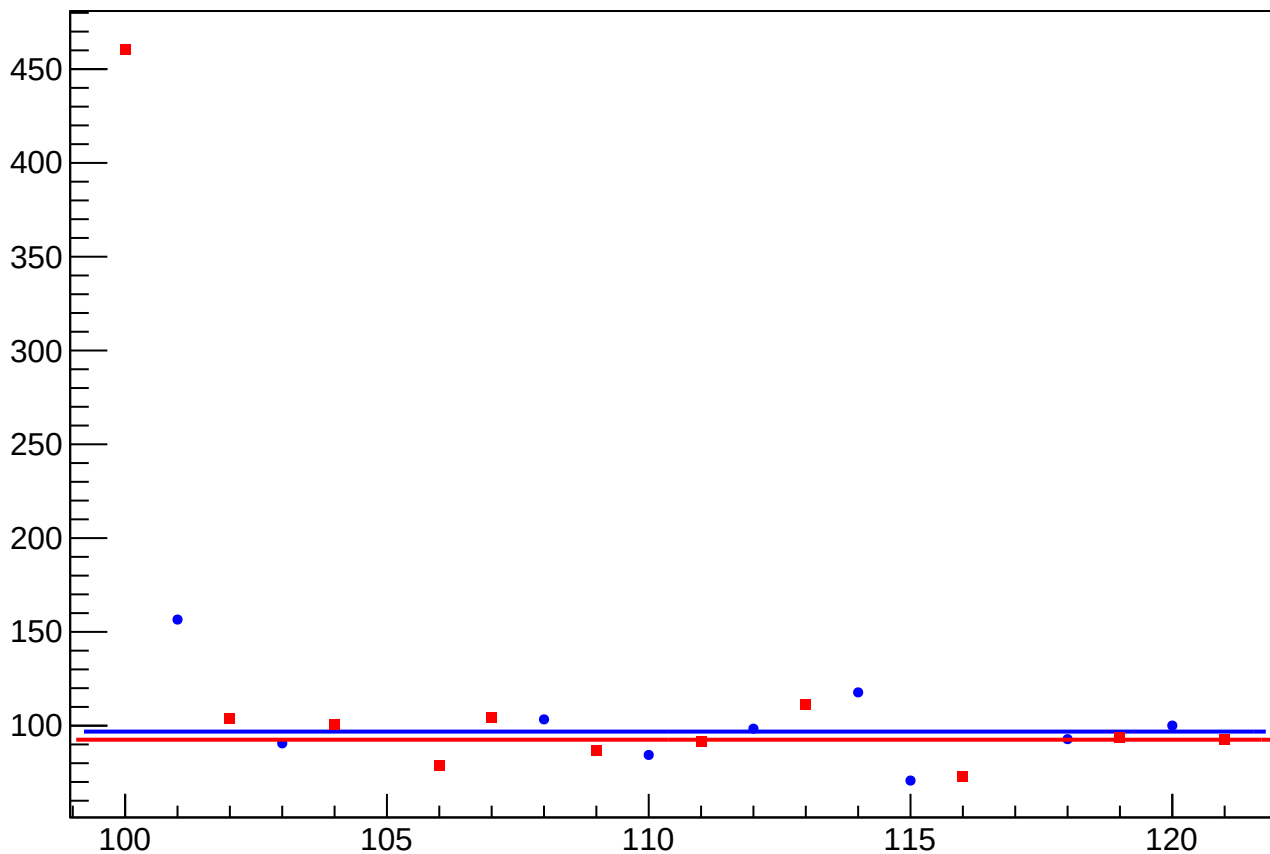
Right: -0.027 ± 0.035 χ^2/NDF : 20.2/19

In: -0.013 ± 0.052 χ^2/NDF : 3.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.035 χ^2/NDF : 20.2/19

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.857+/-0.037 χ^2/NDF : 248241.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.526+/-0.033 χ^2/NDF : 184699.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

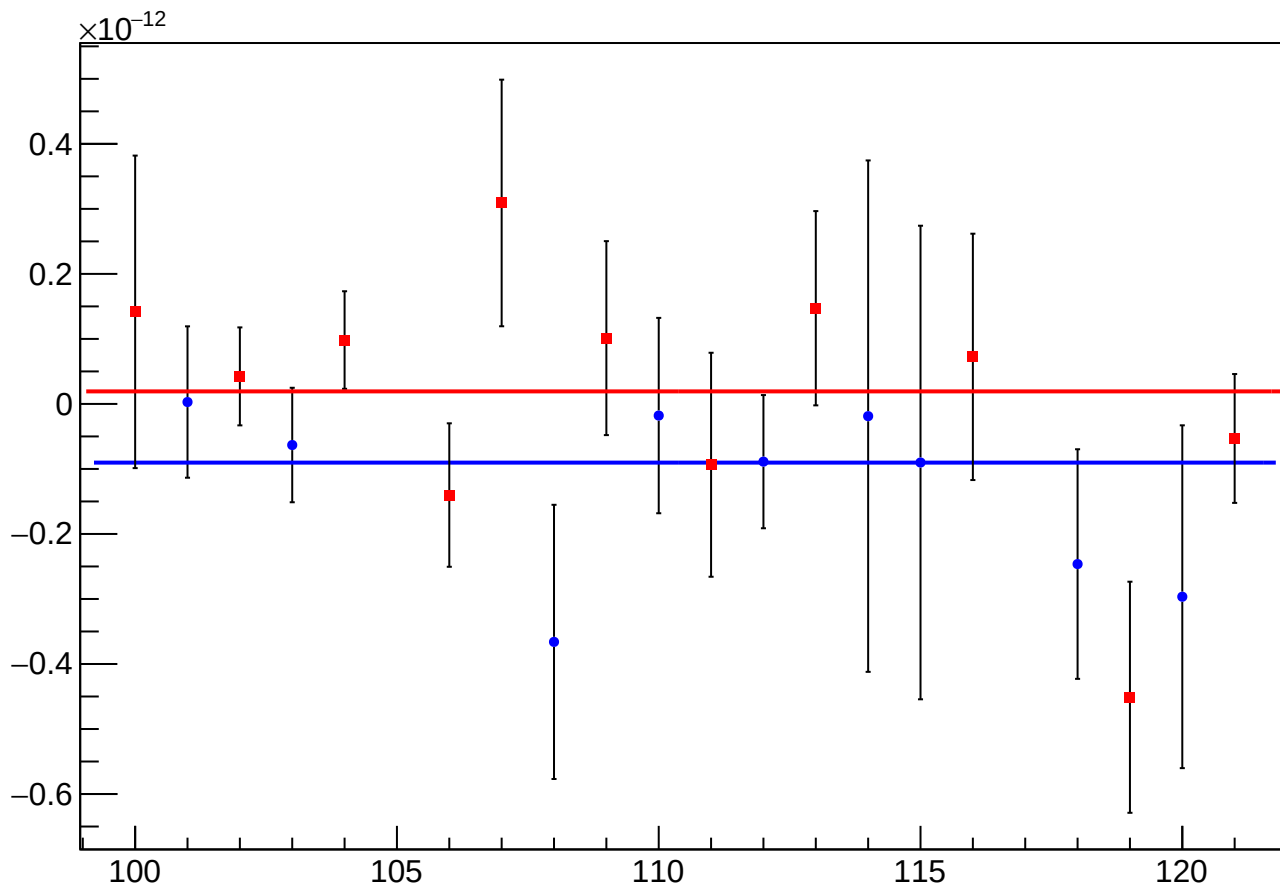
Right: 94.456+/-0.025 χ^2/NDF : 440506.9/19

In: 96.857+/-0.037 χ^2/NDF : 248241.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.456+/-0.025 χ^2/NDF : 440506.9/19

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

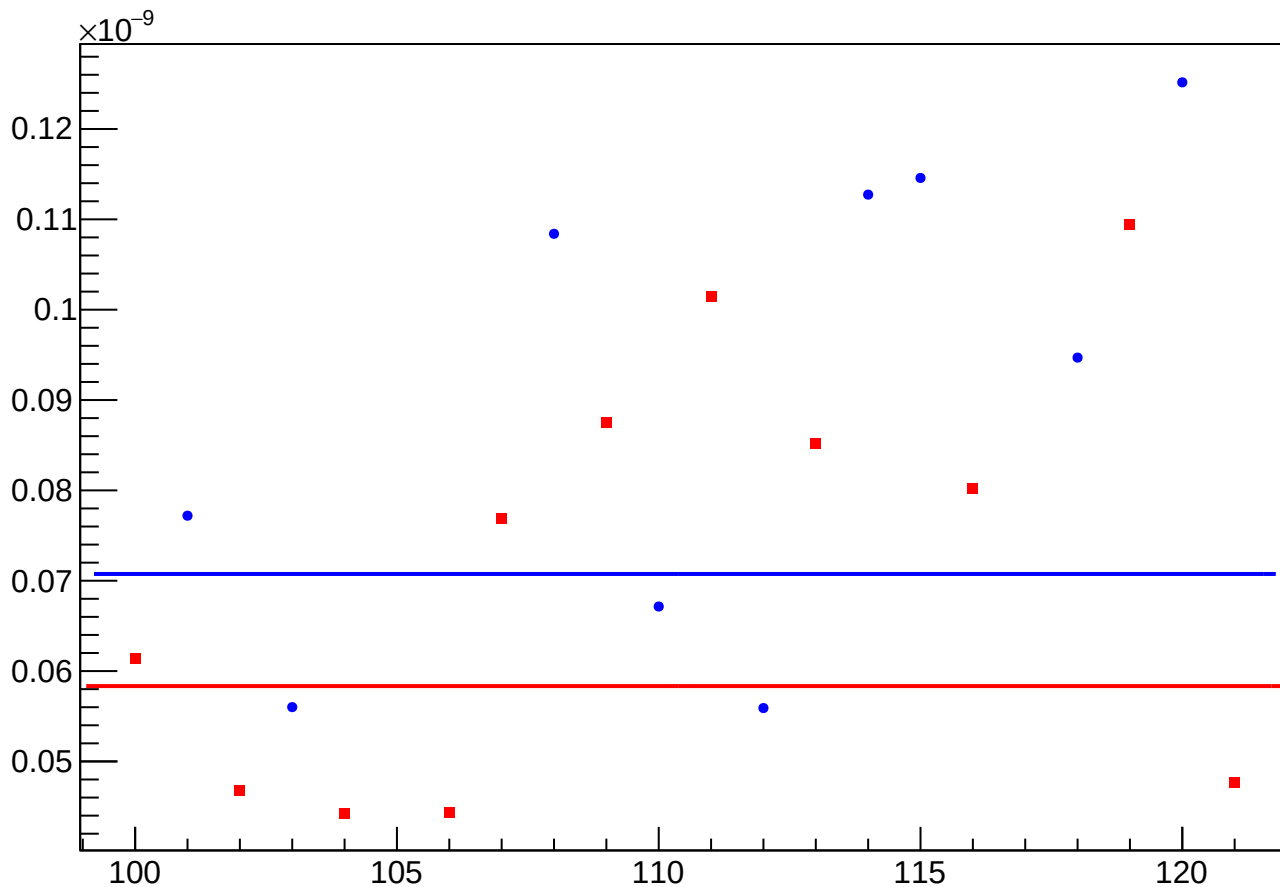
Right: -0.000+/-0.000 χ^2/NDF : 22.4/19

In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/19

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 342827.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 650477.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

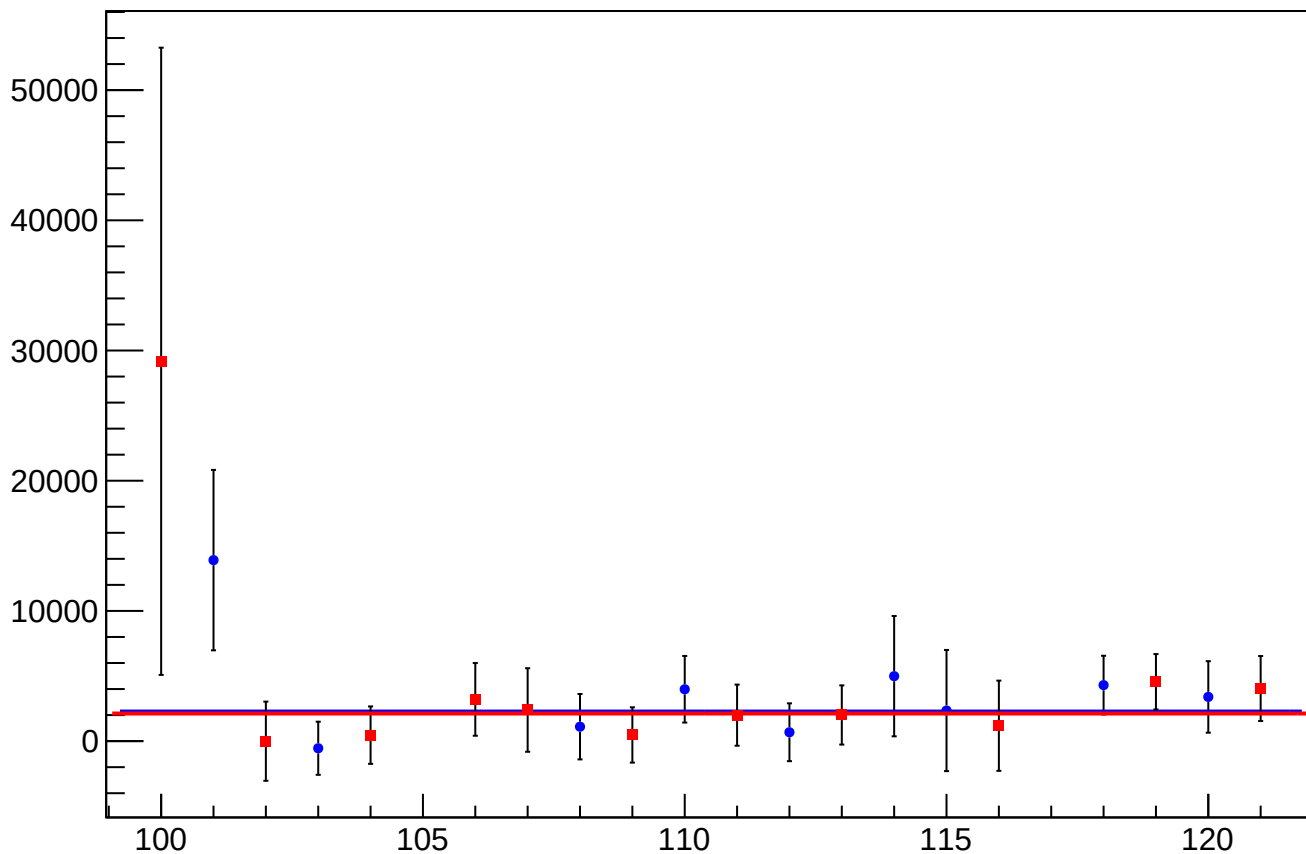
Right: 0.000+/-0.000 χ^2/NDF : 1077522.6/19

In: 0.000+/-0.000 χ^2/NDF : 342827.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1077522.6/19

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2271.150+/-913.844 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.512+/-789.922 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

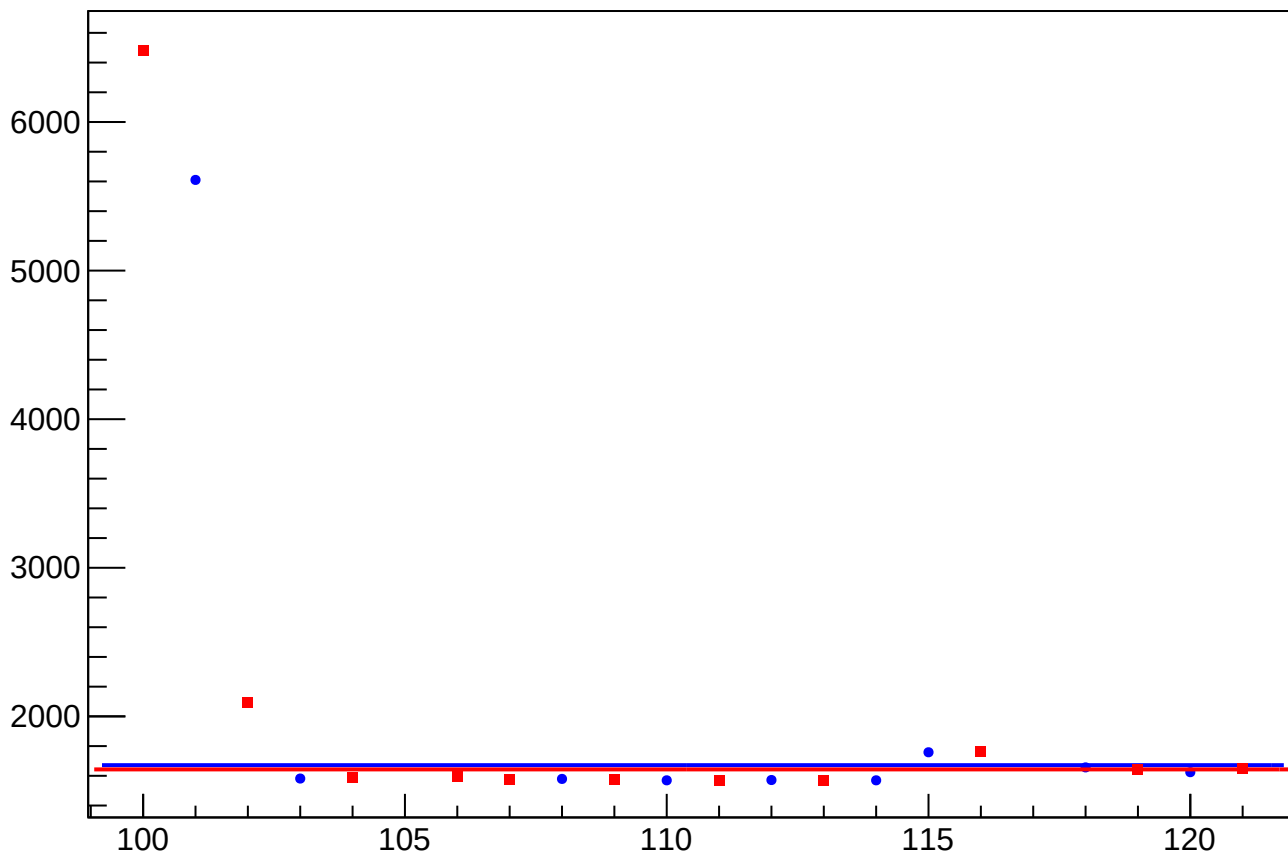
Right: 2184.932+/-597.607 χ^2/NDF : 12.3/19

In: 2271.150+/-913.844 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.932+/-597.607 χ^2/NDF : 12.3/19

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.607+/-0.646 χ^2/NDF : 662444.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.115+/-0.559 χ^2/NDF : 136346.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

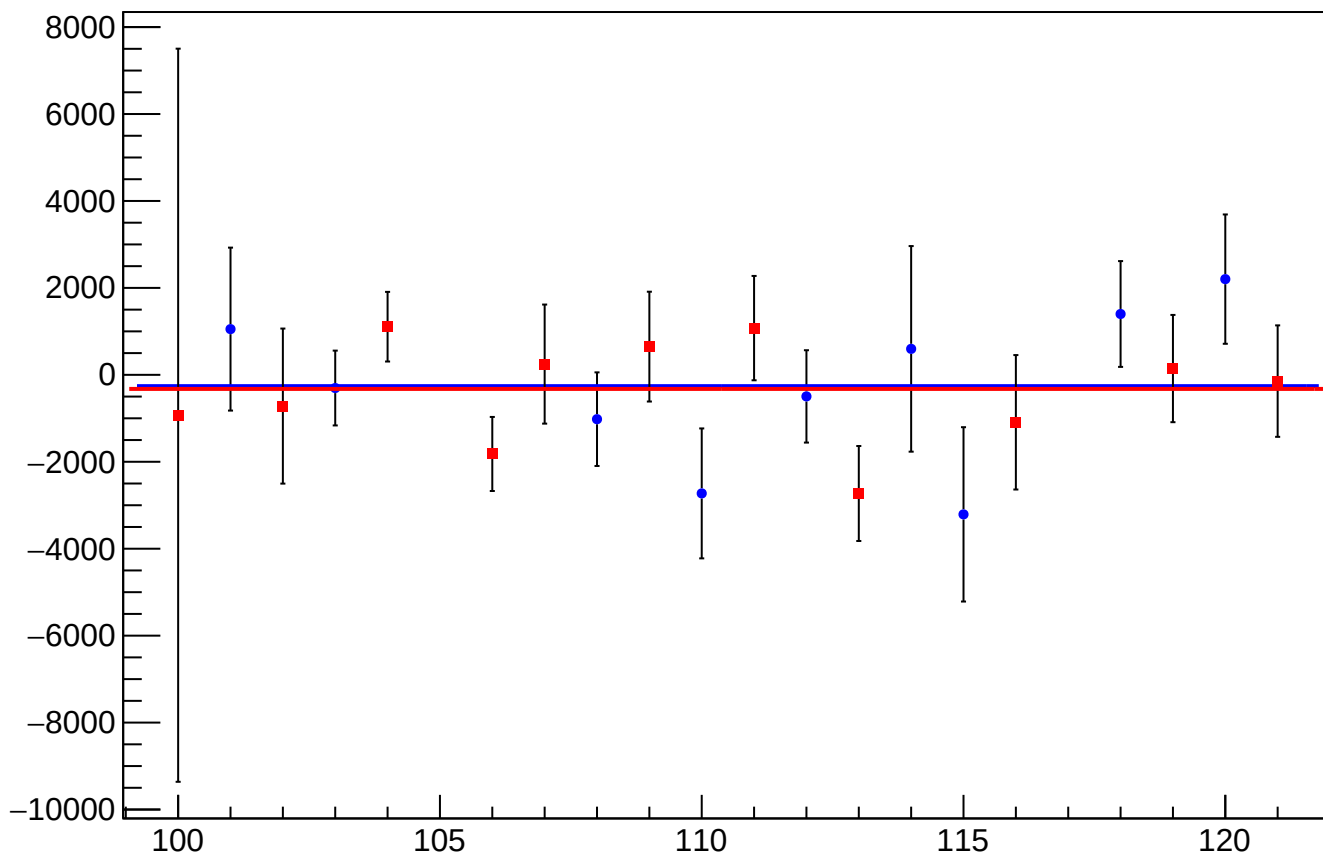
Right: 1655.300+/-0.423 χ^2/NDF : 799903.7/19

In: 1671.607+/-0.646 χ^2/NDF : 662444.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.300+/-0.423 χ^2/NDF : 799903.7/19

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -260.292+/-430.895 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -323.852+/-361.785 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

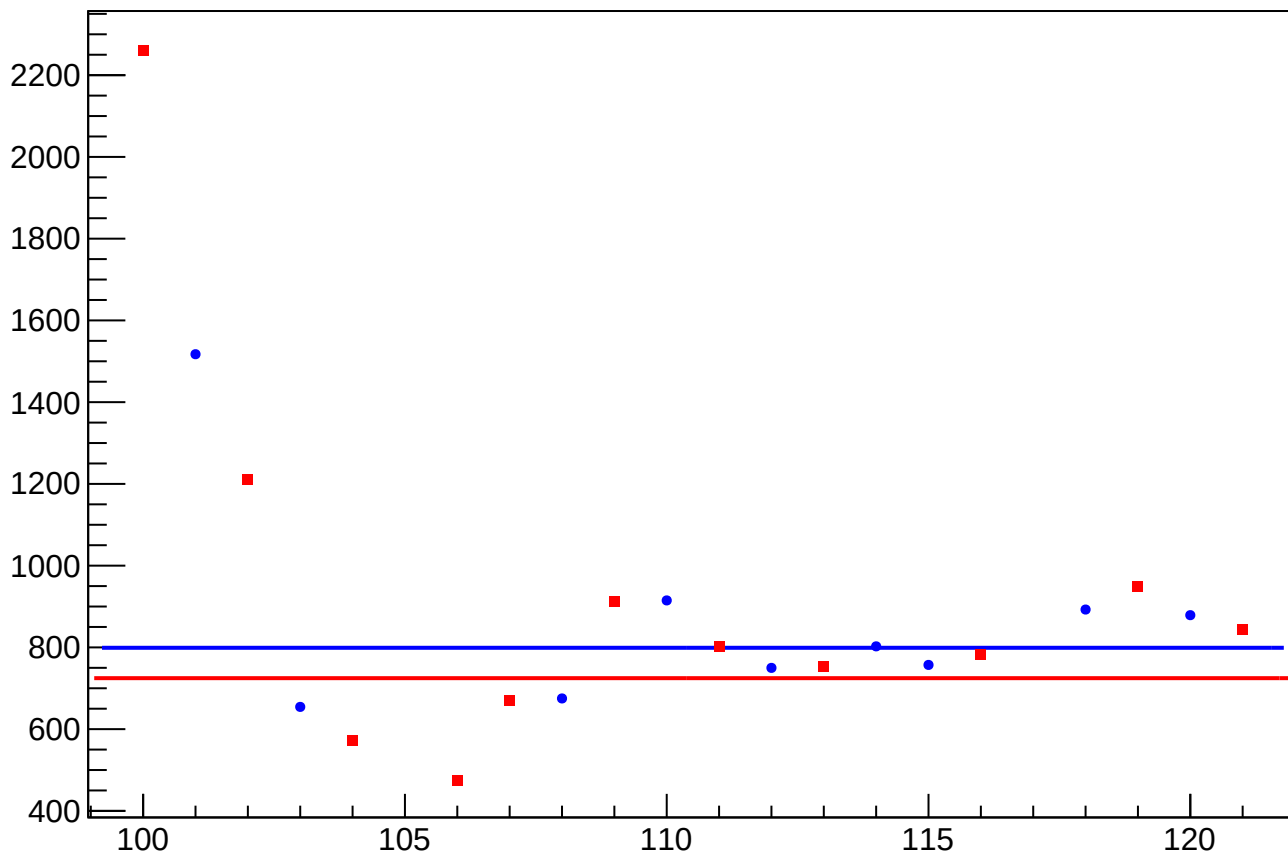
Right: -297.571+/-277.074 χ^2/NDF : 24.4/19

In: -260.292+/-430.895 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -297.571+/-277.074 χ^2/NDF : 24.4/19

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 799.056+/-0.305 χ^2/NDF : 411436.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 724.726+/-0.256 χ^2/NDF : 603157.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

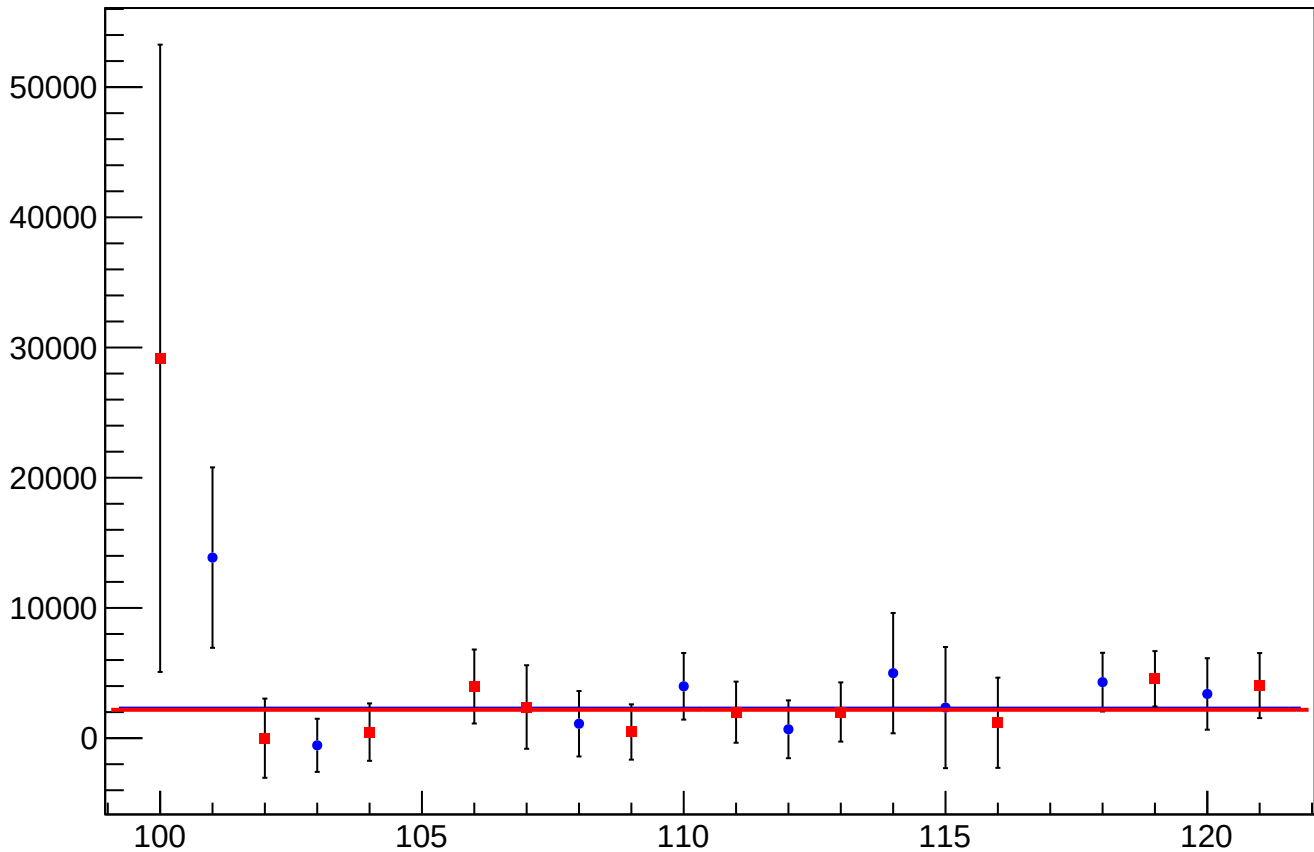
Right: 755.460+/-0.196 χ^2/NDF : 1049500.2/19

In: 799.056+/-0.305 χ^2/NDF : 411436.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.460+/-0.196 χ^2/NDF : 1049500.2/19

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2177.331+/-791.014 χ^2/NDF : 5.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

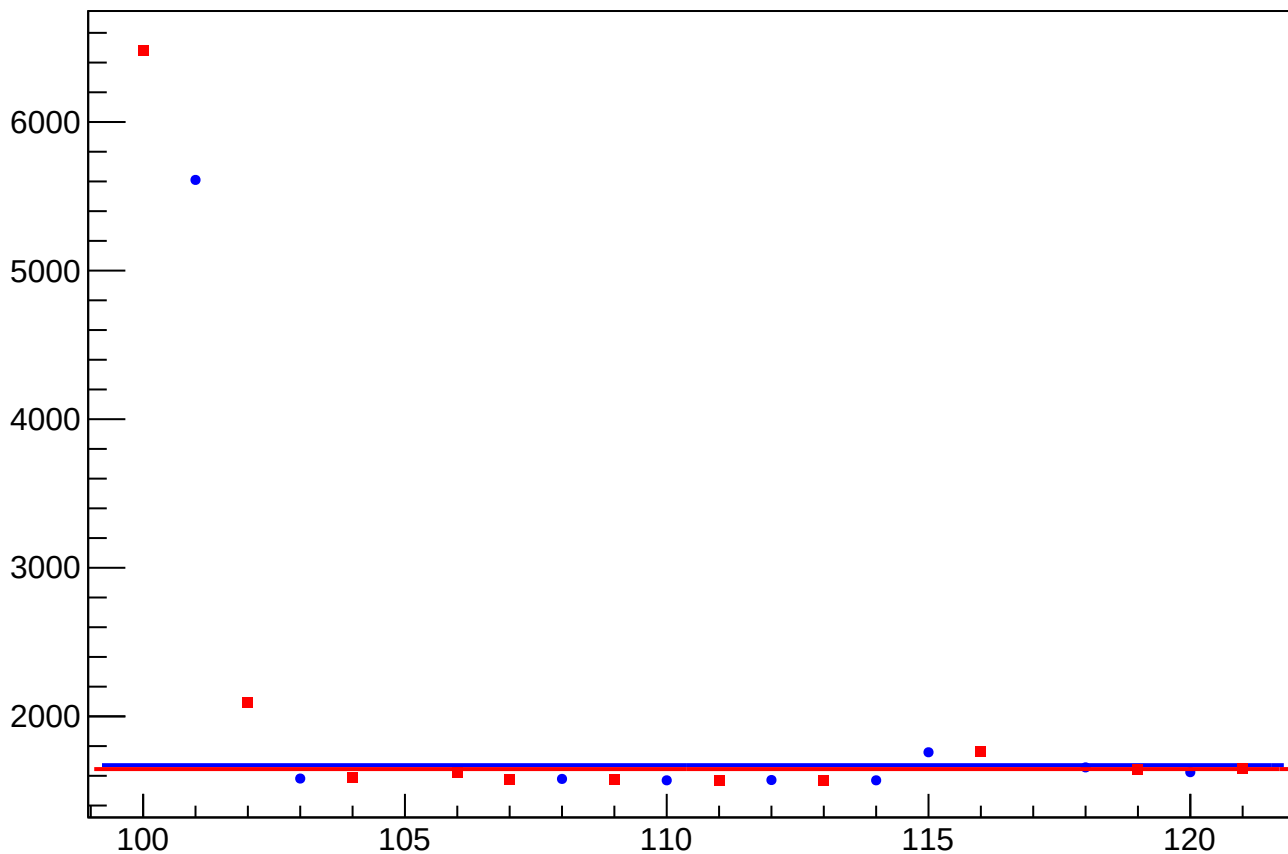
Right: 2217.108+/-598.079 χ^2/NDF : 12.5/19

In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.108+/-598.079 χ^2/NDF : 12.5/19

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.307+/-0.559 χ^2/NDF : 135829.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

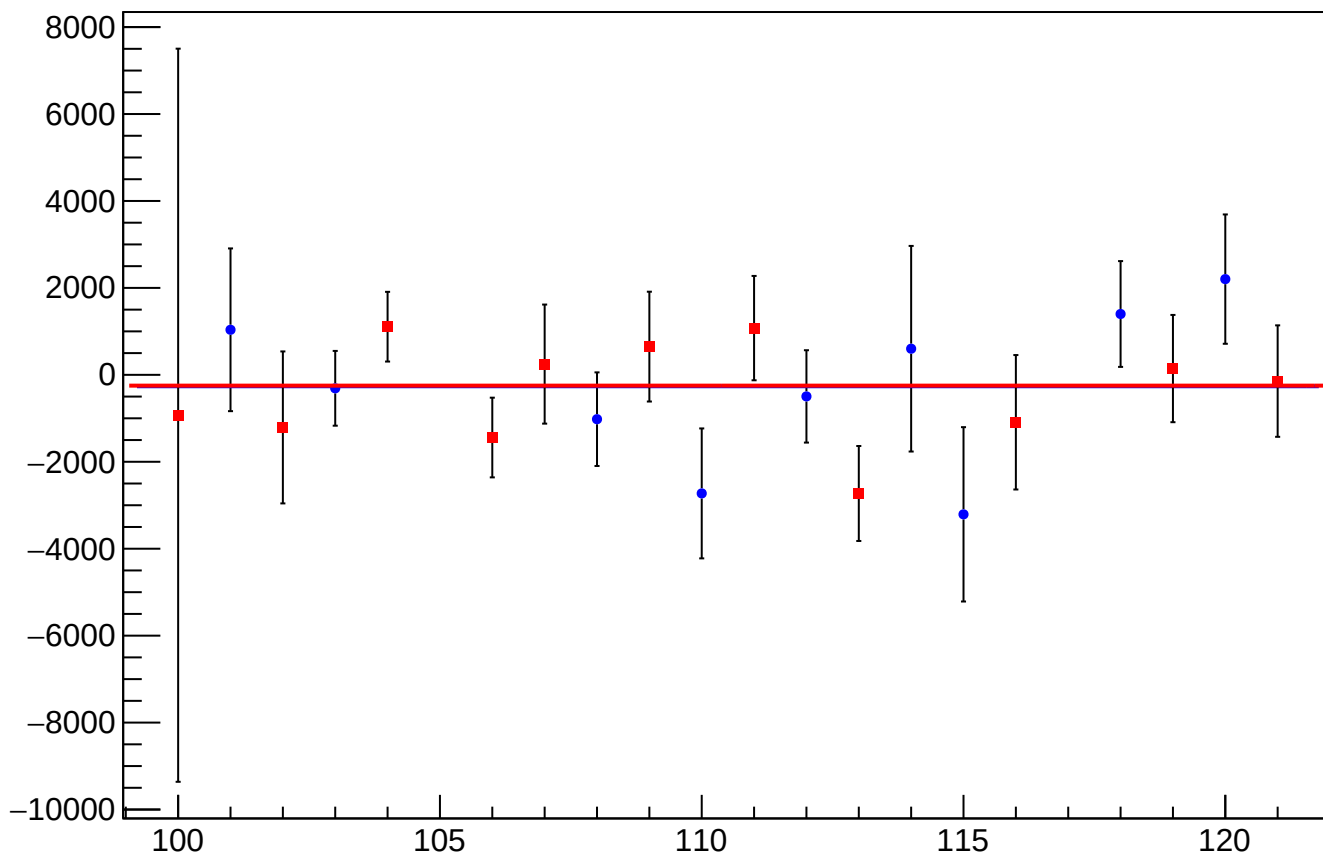
Right: 1656.572+/-0.423 χ^2/NDF : 799220.9/19

In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.572+/-0.423 χ^2/NDF : 799220.9/19

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.442+/-366.087 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

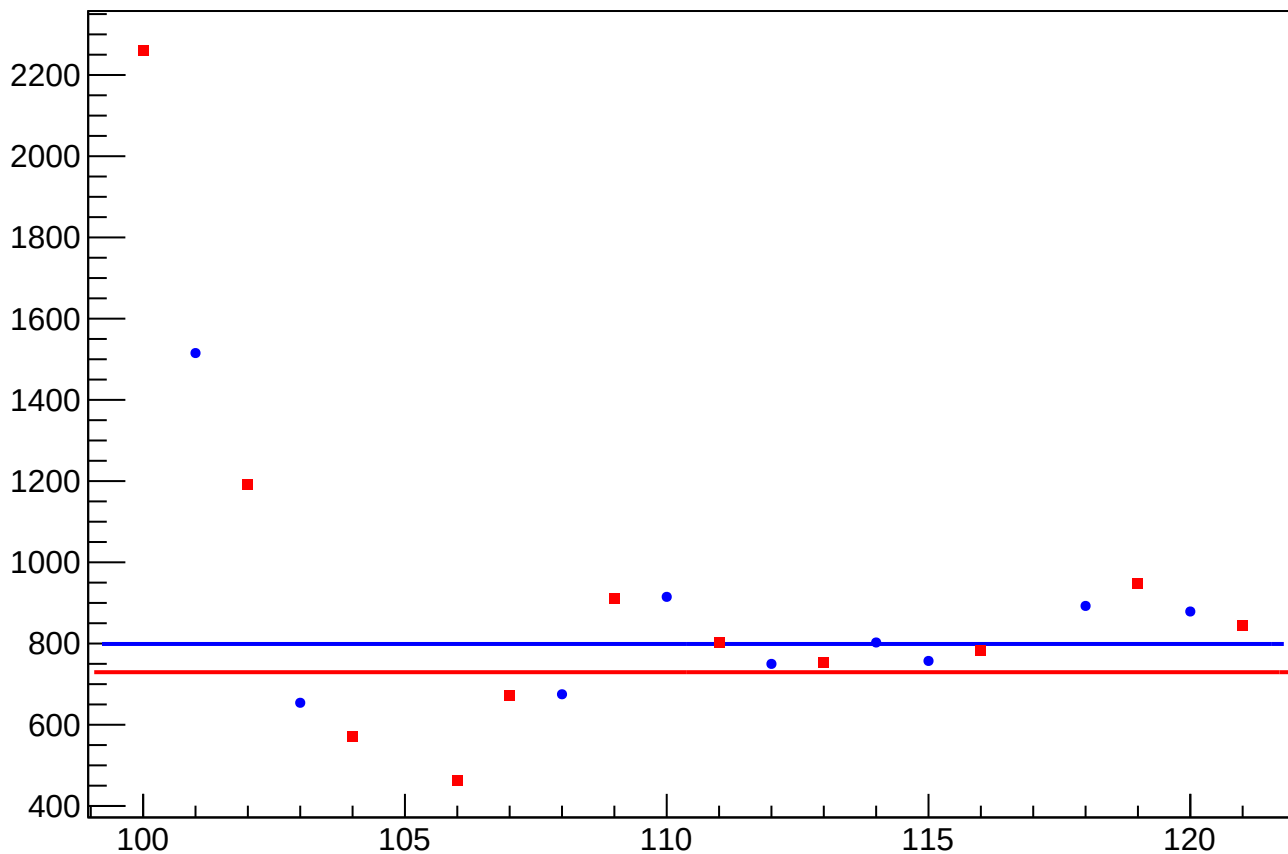
Right: -254.302+/-278.968 χ^2/NDF : 22.9/19

In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.302+/-278.968 χ^2/NDF : 22.9/19

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.433+/-0.259 χ^2/NDF : 586816.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

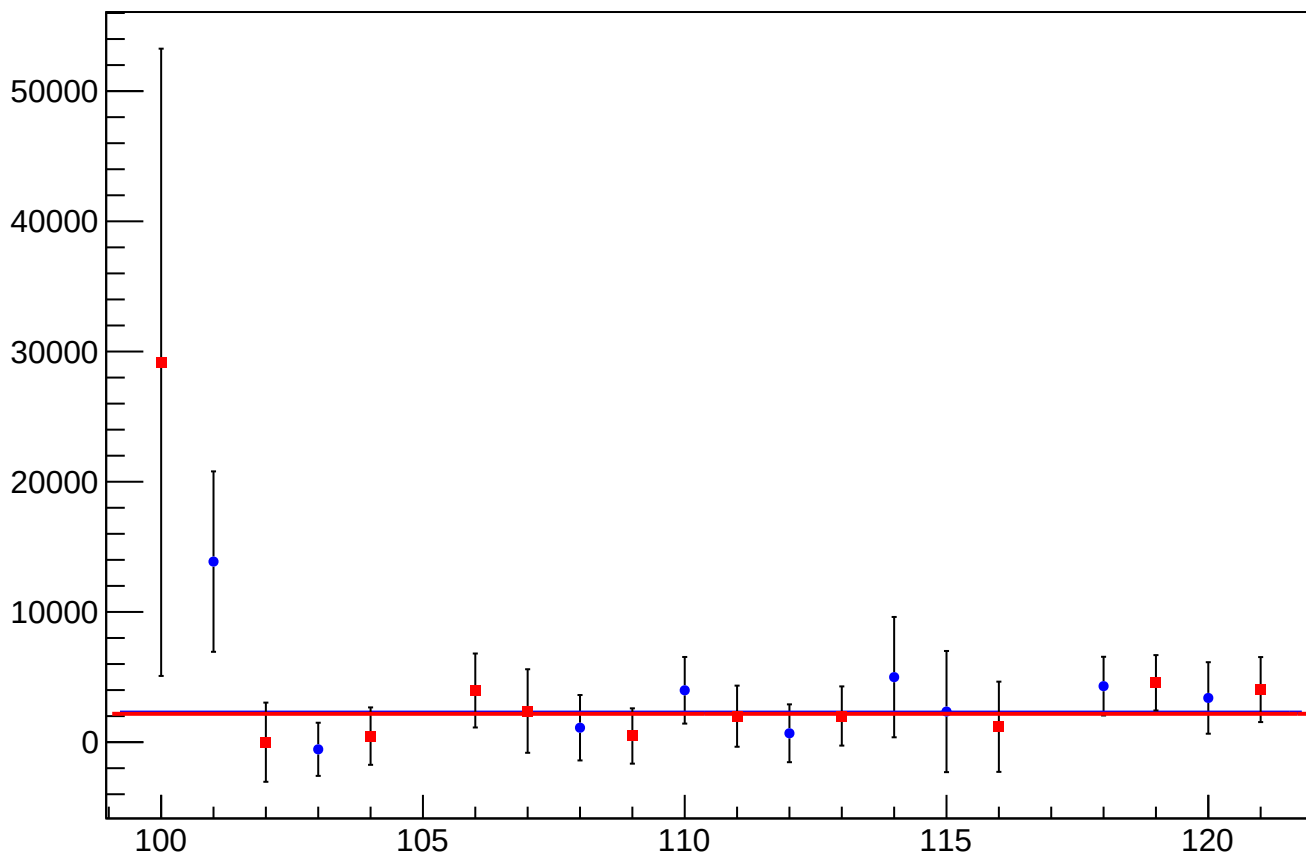
Right: 758.578+/-0.197 χ^2/NDF : 1027962.7/19

In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.578+/-0.197 χ^2/NDF : 1027962.7/19

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2177.331+/-791.014 χ^2/NDF : 5.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

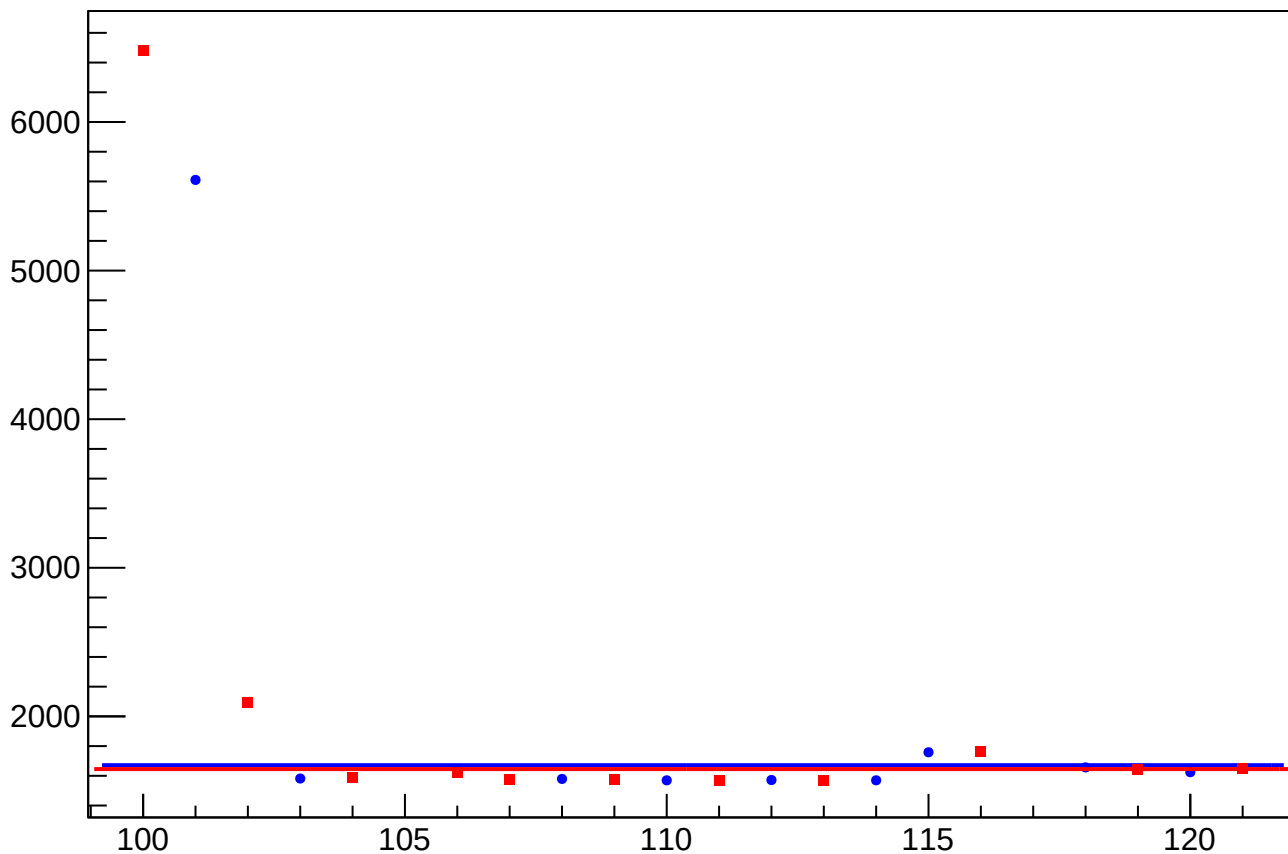
Right: 2217.108+/-598.079 χ^2/NDF : 12.5/19

In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.108+/-598.079 χ^2/NDF : 12.5/19

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.307+/-0.559 χ^2/NDF : 135829.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

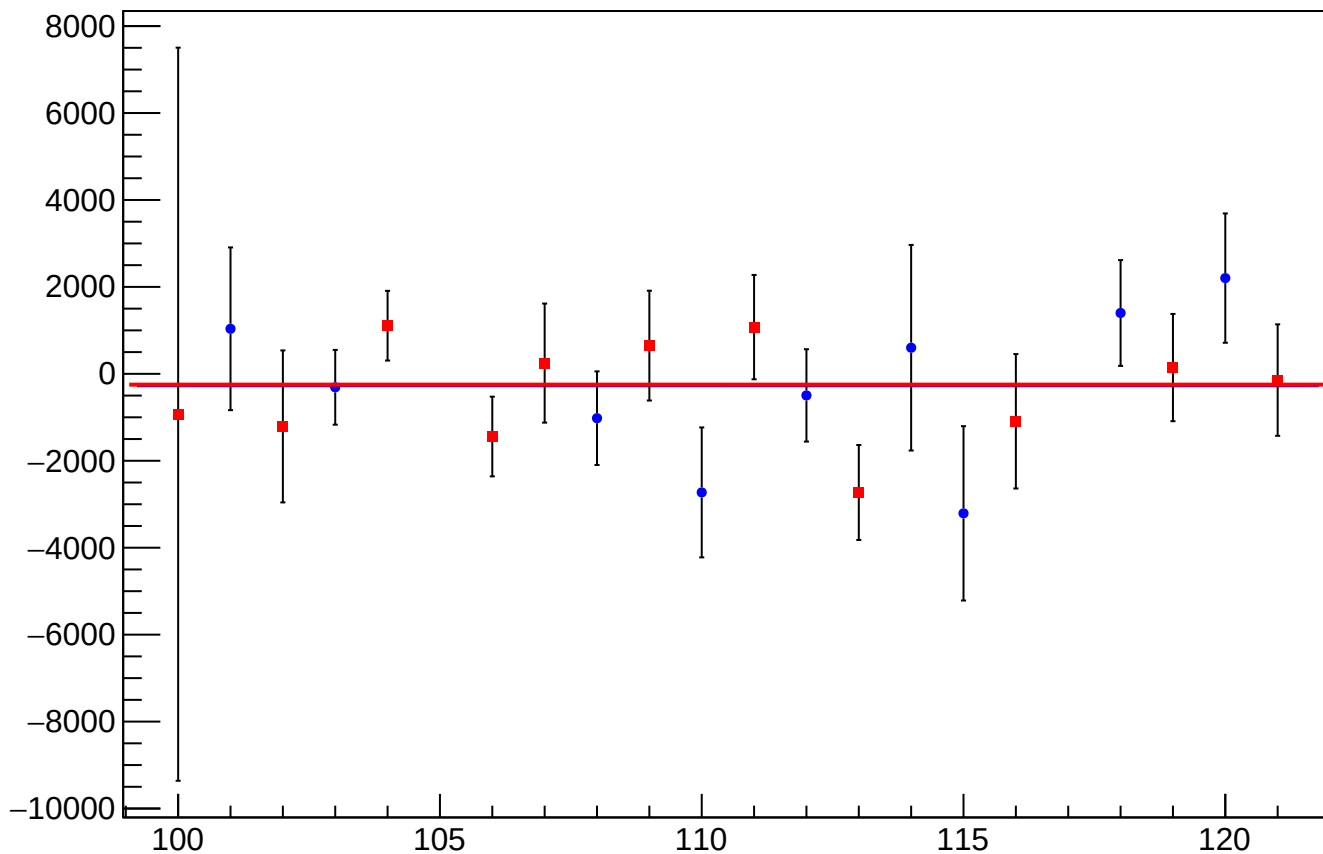
Right: 1656.572+/-0.423 χ^2/NDF : 799220.9/19

In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.572+/-0.423 χ^2/NDF : 799220.9/19

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.442+/-366.087 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

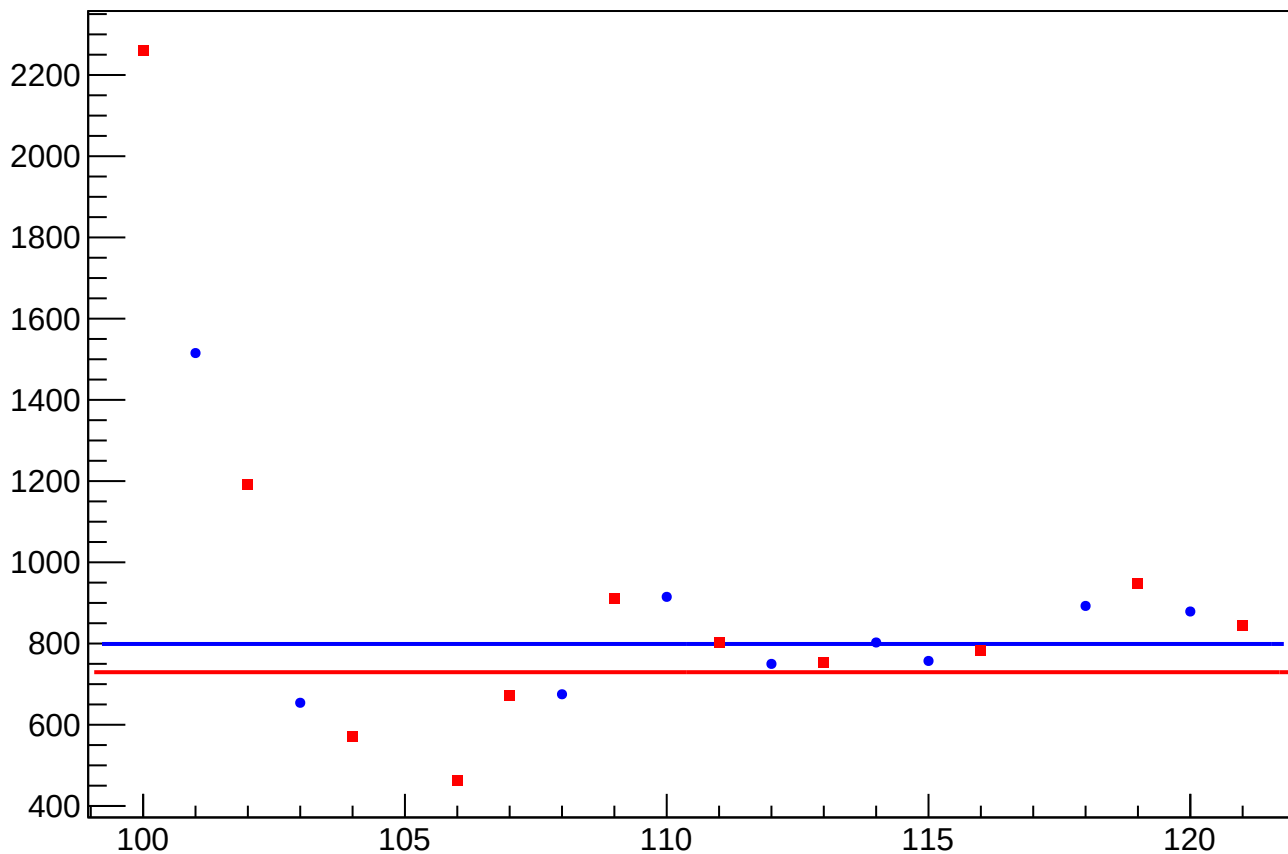
Right: -254.302+/-278.968 χ^2/NDF : 22.9/19

In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.302+/-278.968 χ^2/NDF : 22.9/19

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.433+/-0.259 χ^2/NDF : 586816.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

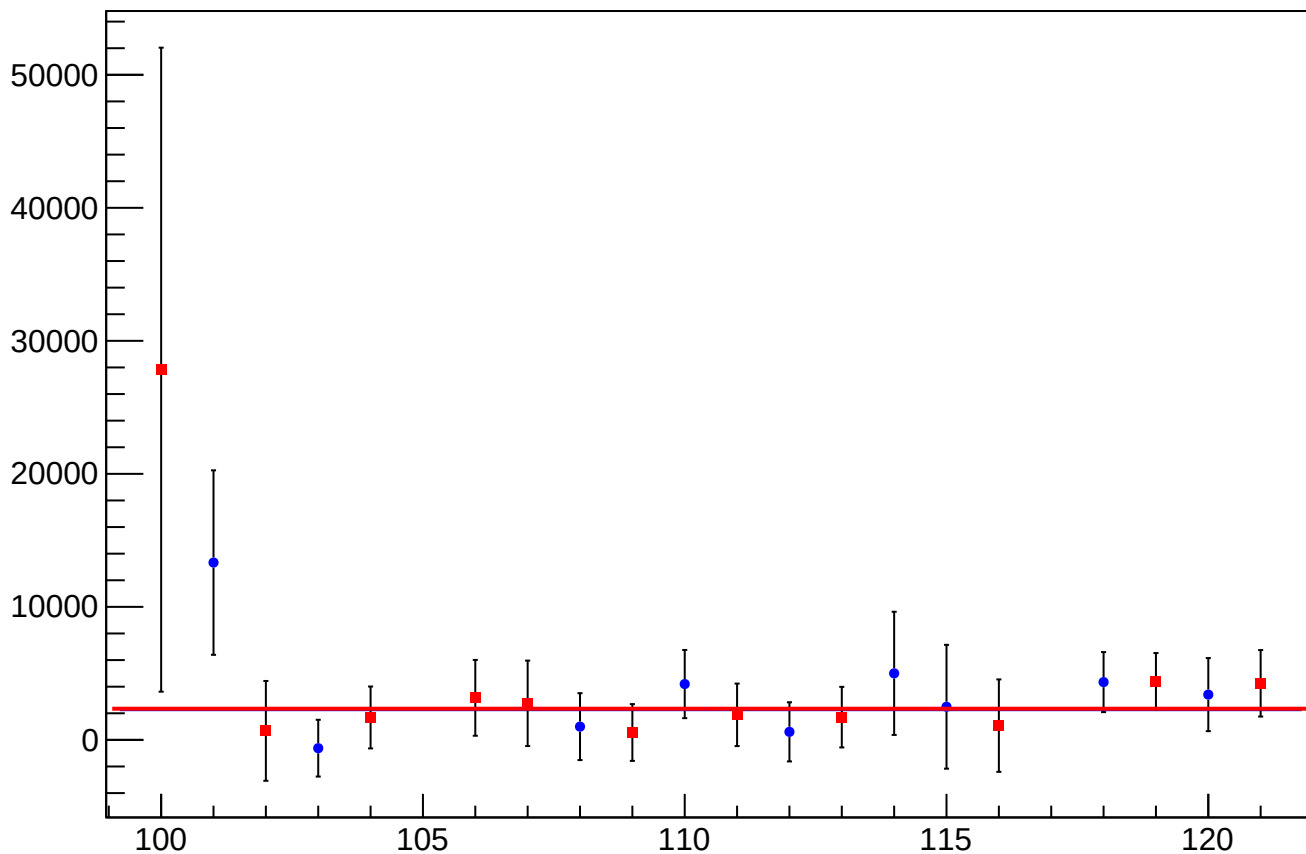
Right: 758.578+/-0.197 χ^2/NDF : 1027962.7/19

In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.578+/-0.197 χ^2/NDF : 1027962.7/19

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2343.176+/-807.177 χ^2/NDF : 4.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

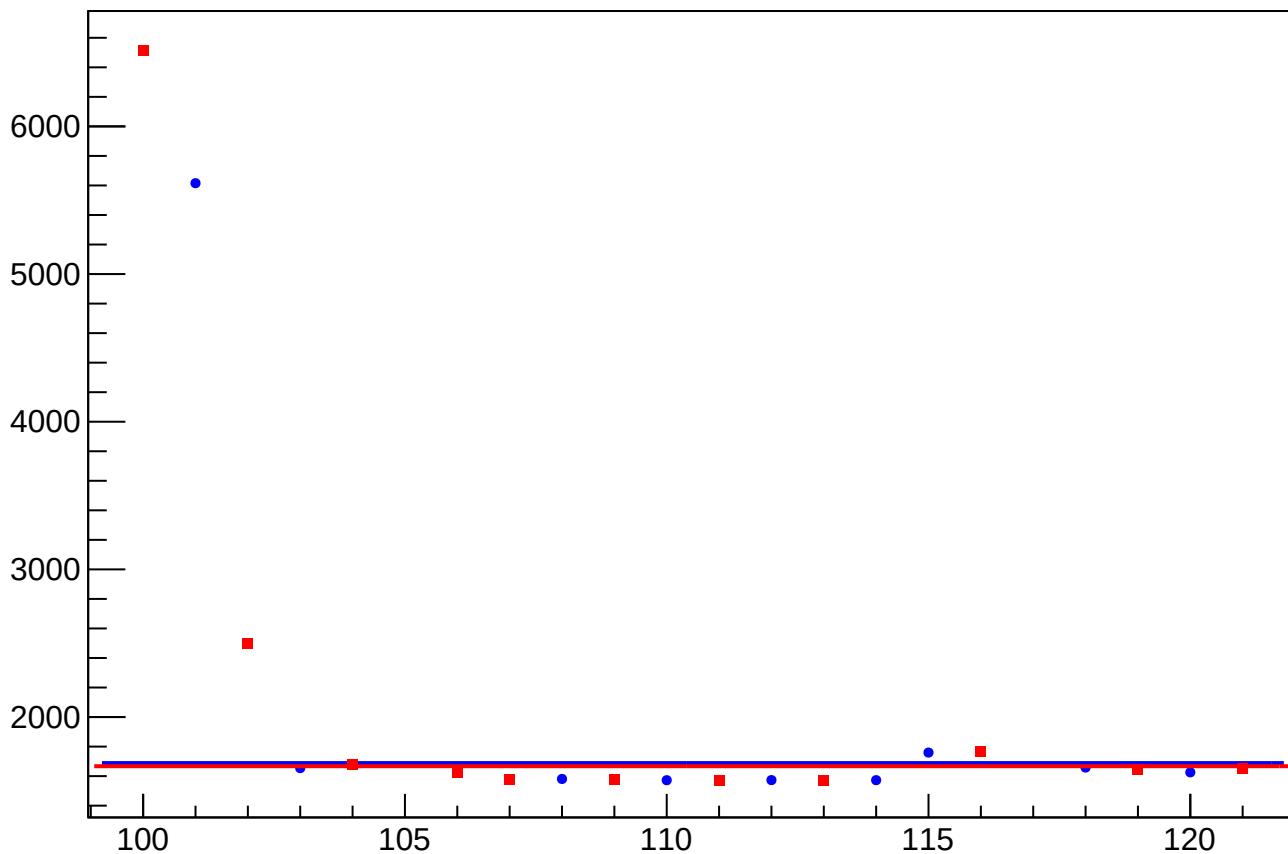
Right: 2328.125+/-607.505 χ^2/NDF : 11.1/19

In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.125+/-607.505 χ^2/NDF : 11.1/19

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.121+/-0.571 χ^2/NDF : 192229.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

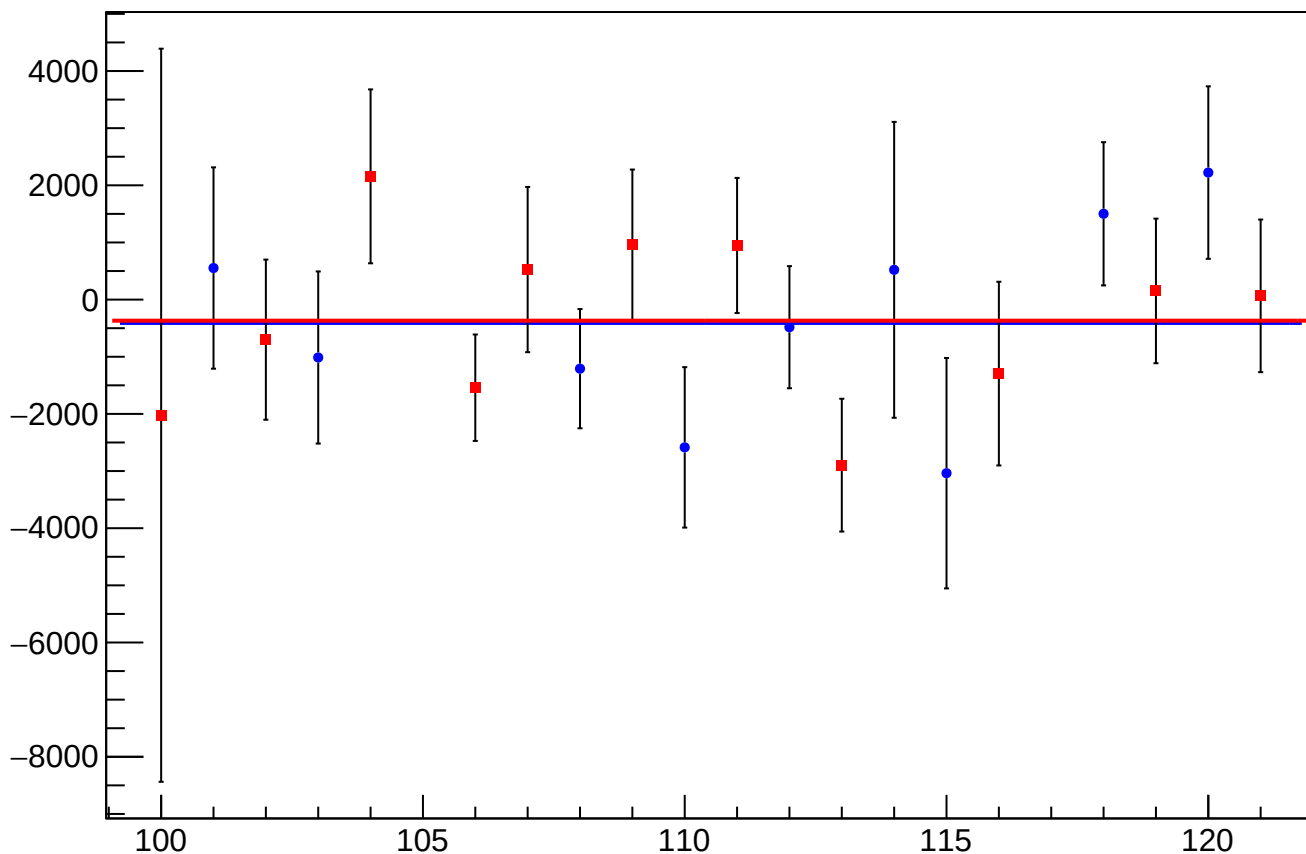
Right: 1676.264+/-0.430 χ^2/NDF : 850853.9/19

In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.264+/-0.430 χ^2/NDF : 850853.9/19

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -408.008 $\pm$ 469.492 χ^2 /NDF: 10.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -368.638 $\pm$ 401.529 χ^2 /NDF: 12.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

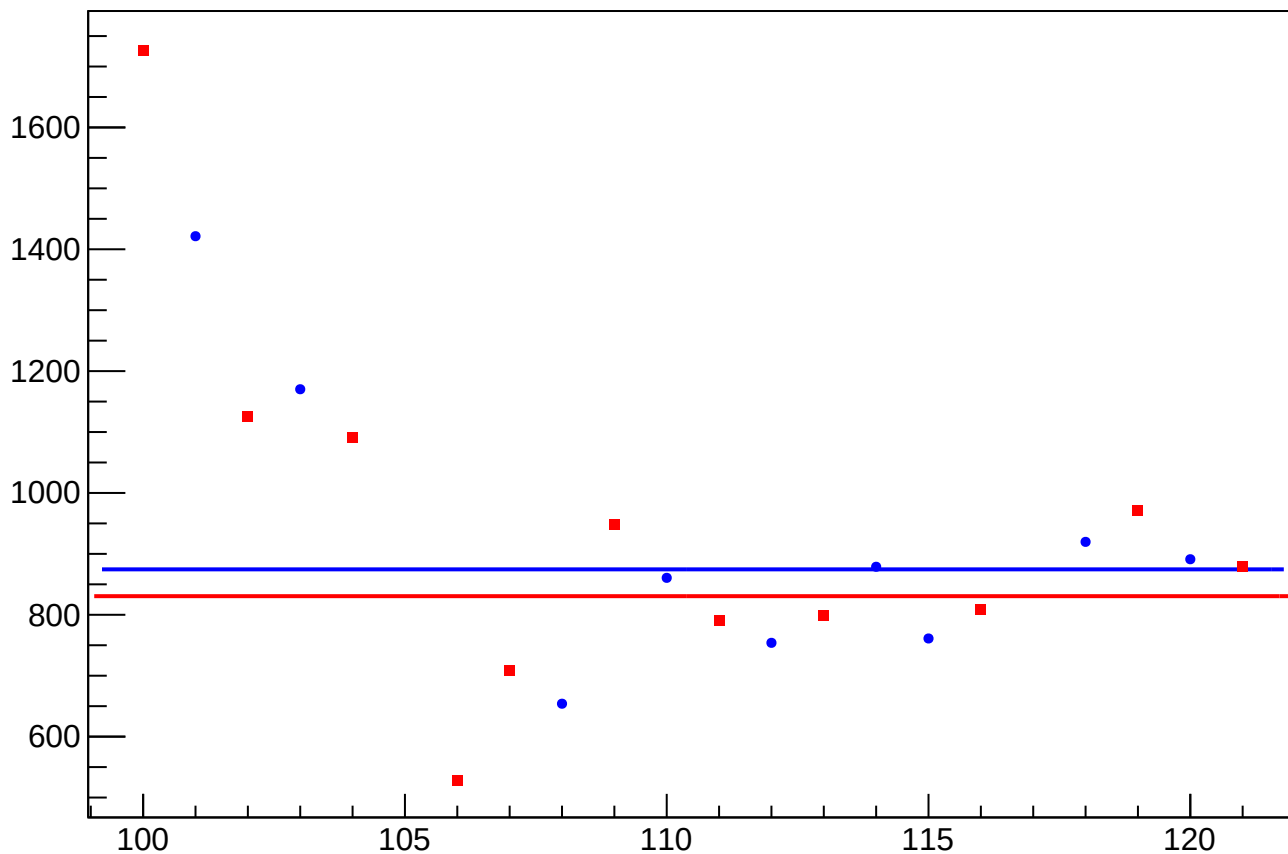
Right: -385.270 $\pm$ 305.150 χ^2 /NDF: 23.1/19

In: -408.008 $\pm$ 469.492 χ^2 /NDF:10.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -385.270 $\pm$ 305.150 χ^2 /NDF: 23.1/19

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 874.577+/-0.332 χ^2/NDF : 394129.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 830.564+/-0.284 χ^2/NDF : 459180.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

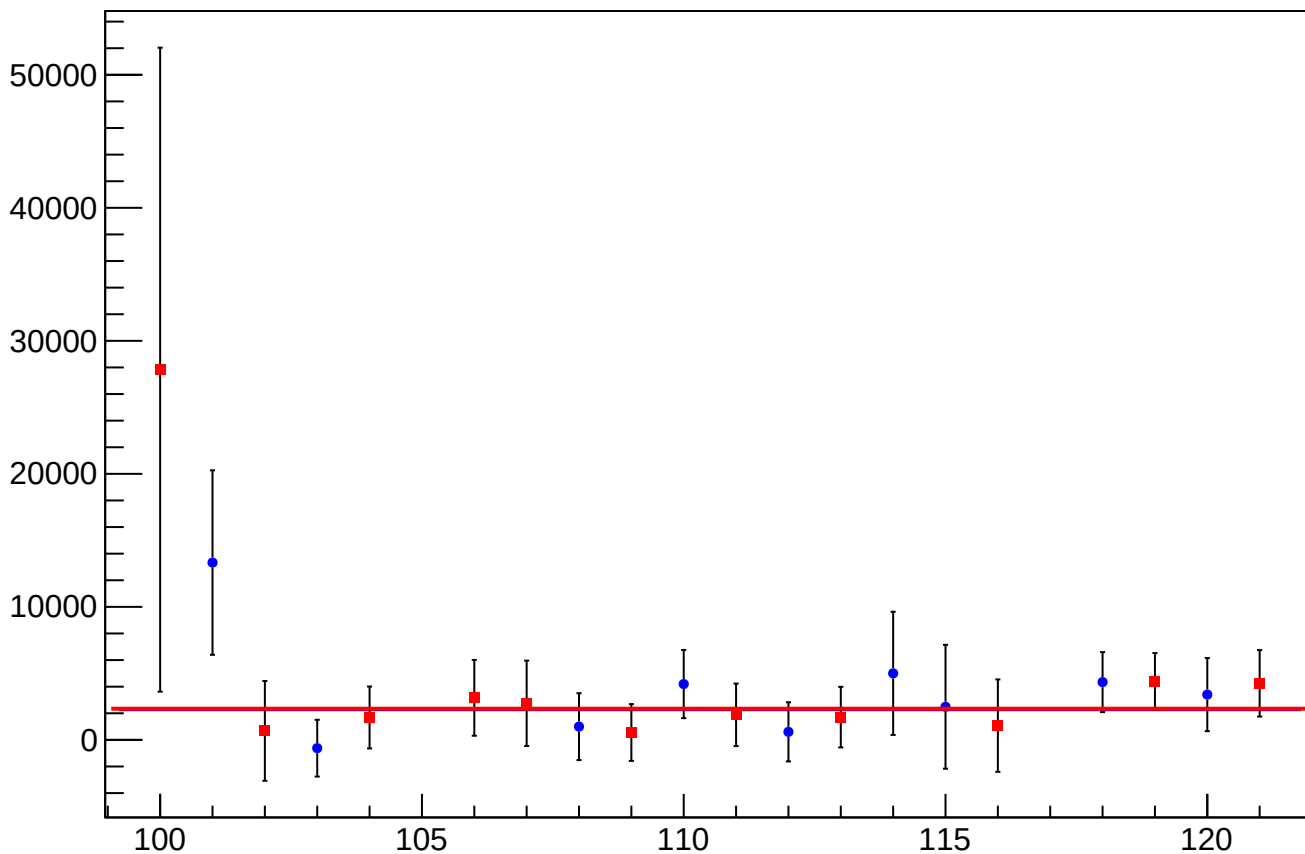
Right: 849.157+/-0.216 χ^2/NDF : 863460.5/19

In: 874.577+/-0.332 χ^2/NDF : 394129.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.157+/-0.216 χ^2/NDF : 863460.5/19

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2343.177+/-807.176 χ^2/NDF : 4.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

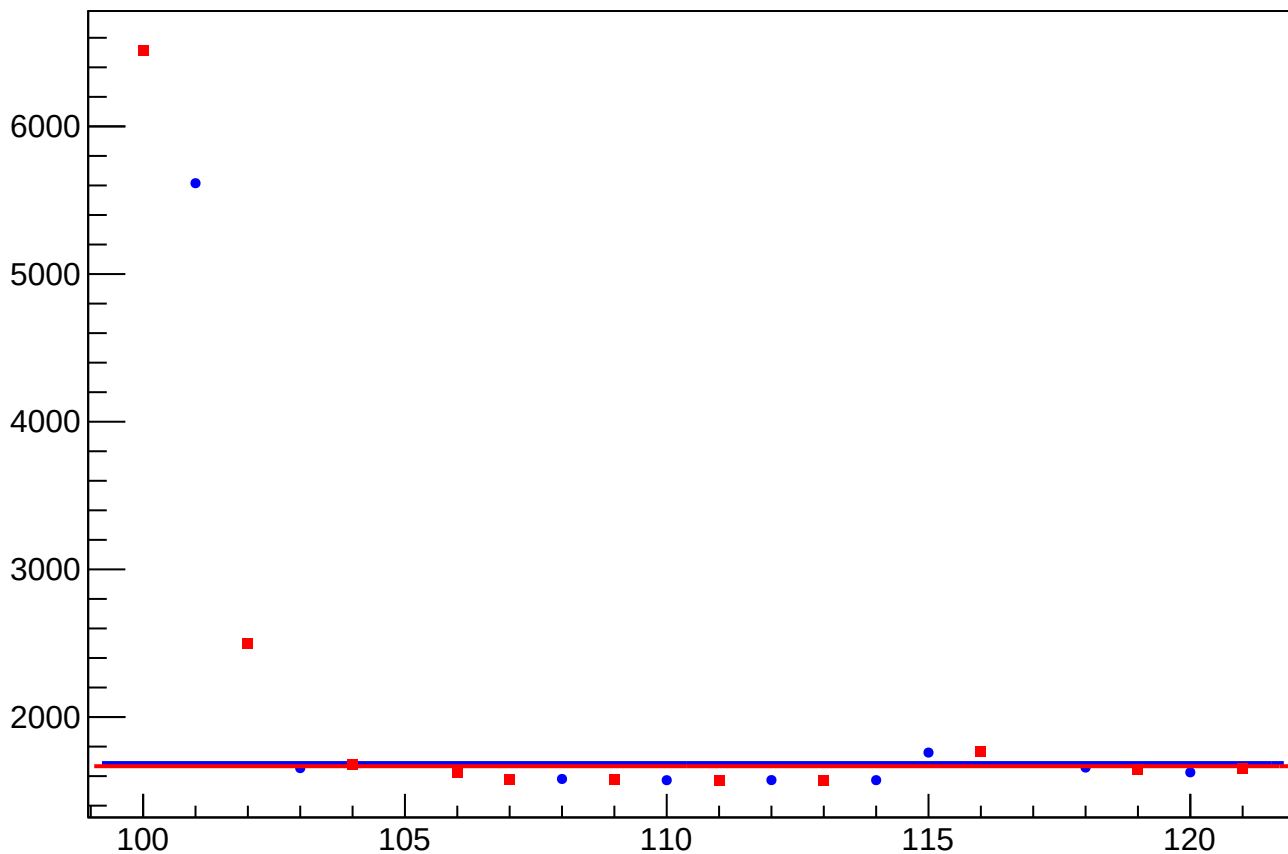
Right: 2328.125+/-607.505 χ^2/NDF : 11.1/19

In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.125+/-607.505 χ^2/NDF : 11.1/19

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.121+/-0.571 χ^2/NDF : 192228.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

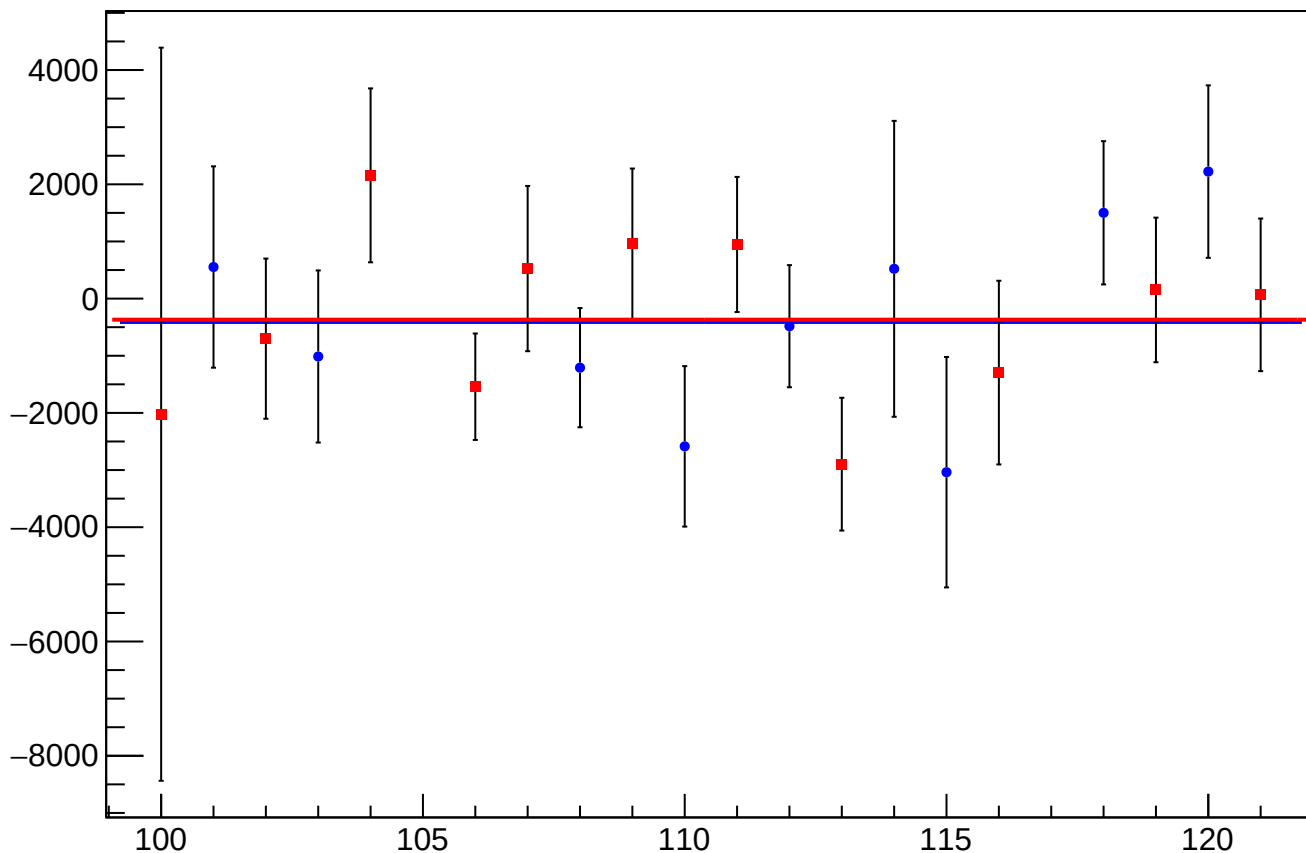
Right: 1676.264+/-0.430 χ^2/NDF : 850853.7/19

In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.264+/-0.430 χ^2/NDF : 850853.7/19

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -408.006+/-469.490 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -368.637+/-401.527 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

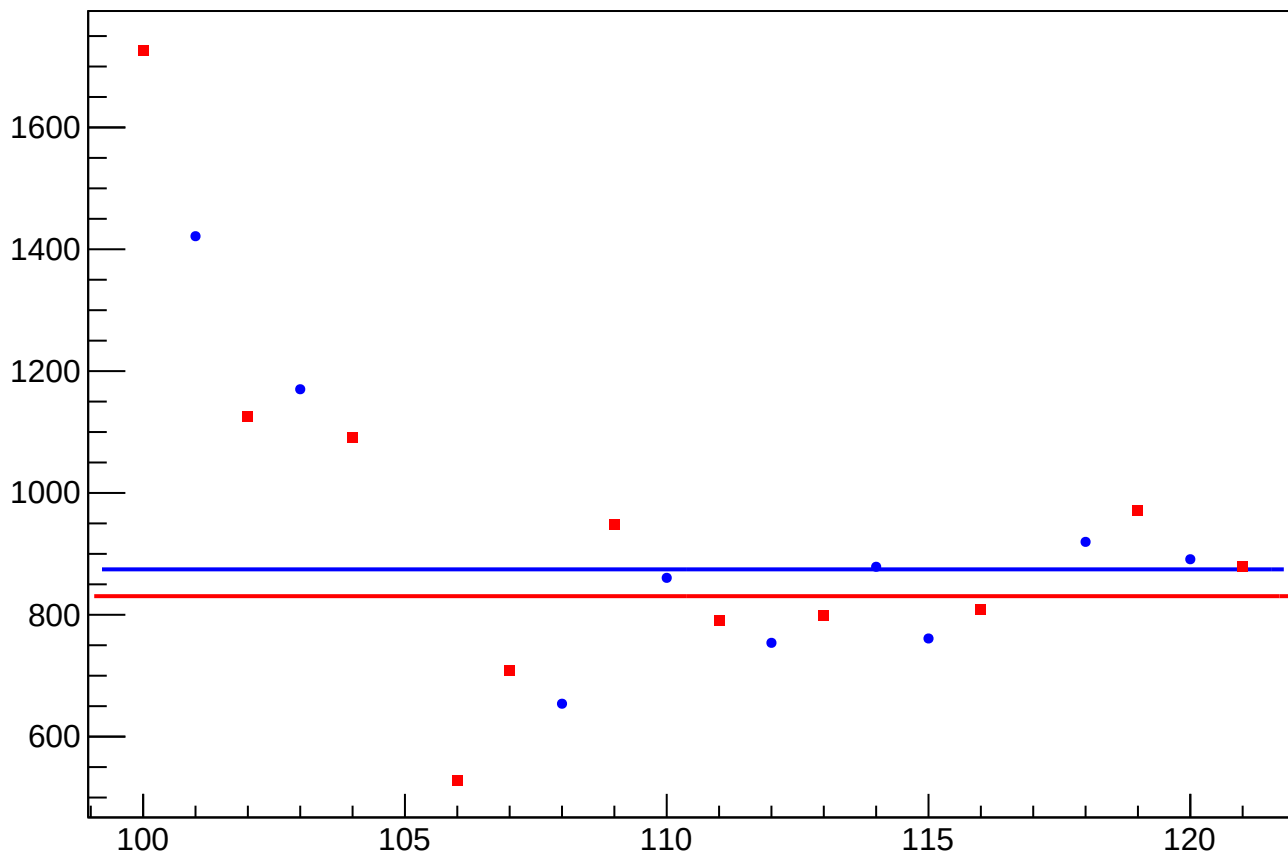
Right: -385.269+/-305.149 χ^2/NDF : 23.1/19

In: -408.006+/-469.490 χ^2/NDF :10.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -385.269+/-305.149 χ^2/NDF : 23.1/19

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 874.572+/-0.332 χ^2/NDF : 394132.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 830.562+/-0.284 χ^2/NDF : 459175.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

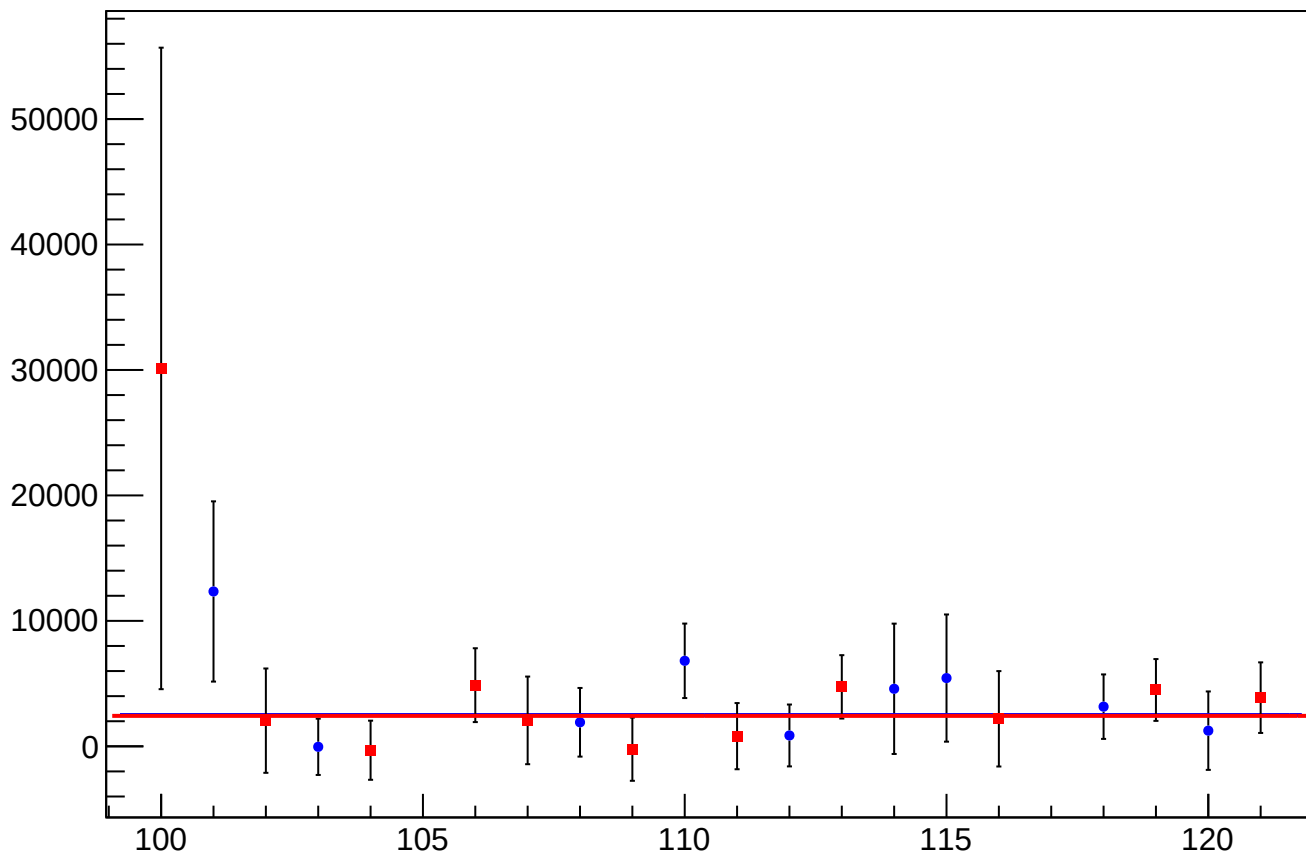
Right: 849.154+/-0.216 χ^2/NDF : 863458.5/19

In: 874.572+/-0.332 χ^2/NDF : 394132.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.154+/-0.216 χ^2/NDF : 863458.5/19

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2492.830+/-1021.027 χ^2/NDF : 6.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.595+/-892.643 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

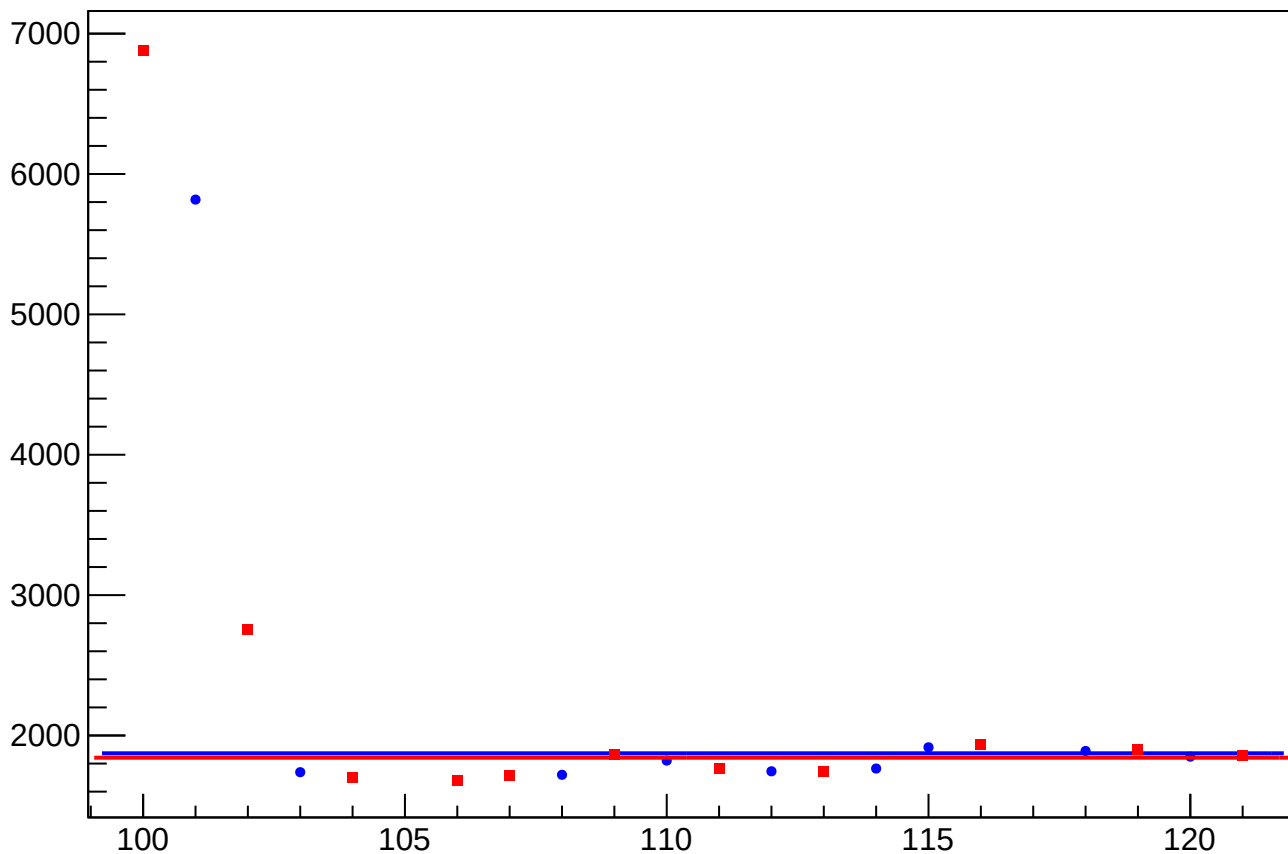
Right: 2455.855+/-672.029 χ^2/NDF : 13.0/19

In: 2492.830+/-1021.027 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2455.855+/-672.029 χ^2/NDF : 13.0/19

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1873.057+/-0.722 χ^2/NDF : 623689.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1841.759+/-0.631 χ^2/NDF : 198000.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

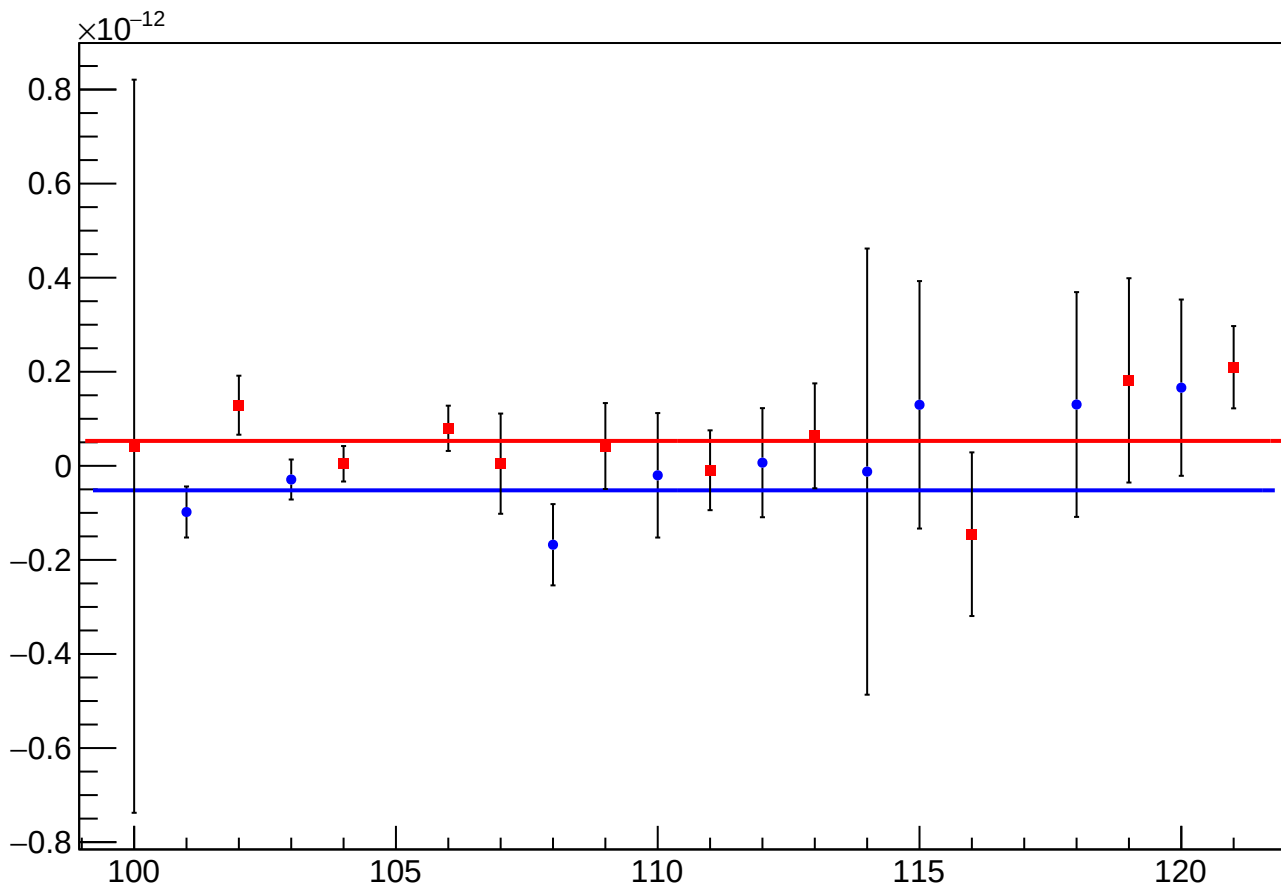
Right: 1855.318+/-0.475 χ^2/NDF : 822755.8/19

In: 1873.057+/-0.722 χ^2/NDF : 623689.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.318+/-0.475 χ^2/NDF : 822755.8/19

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

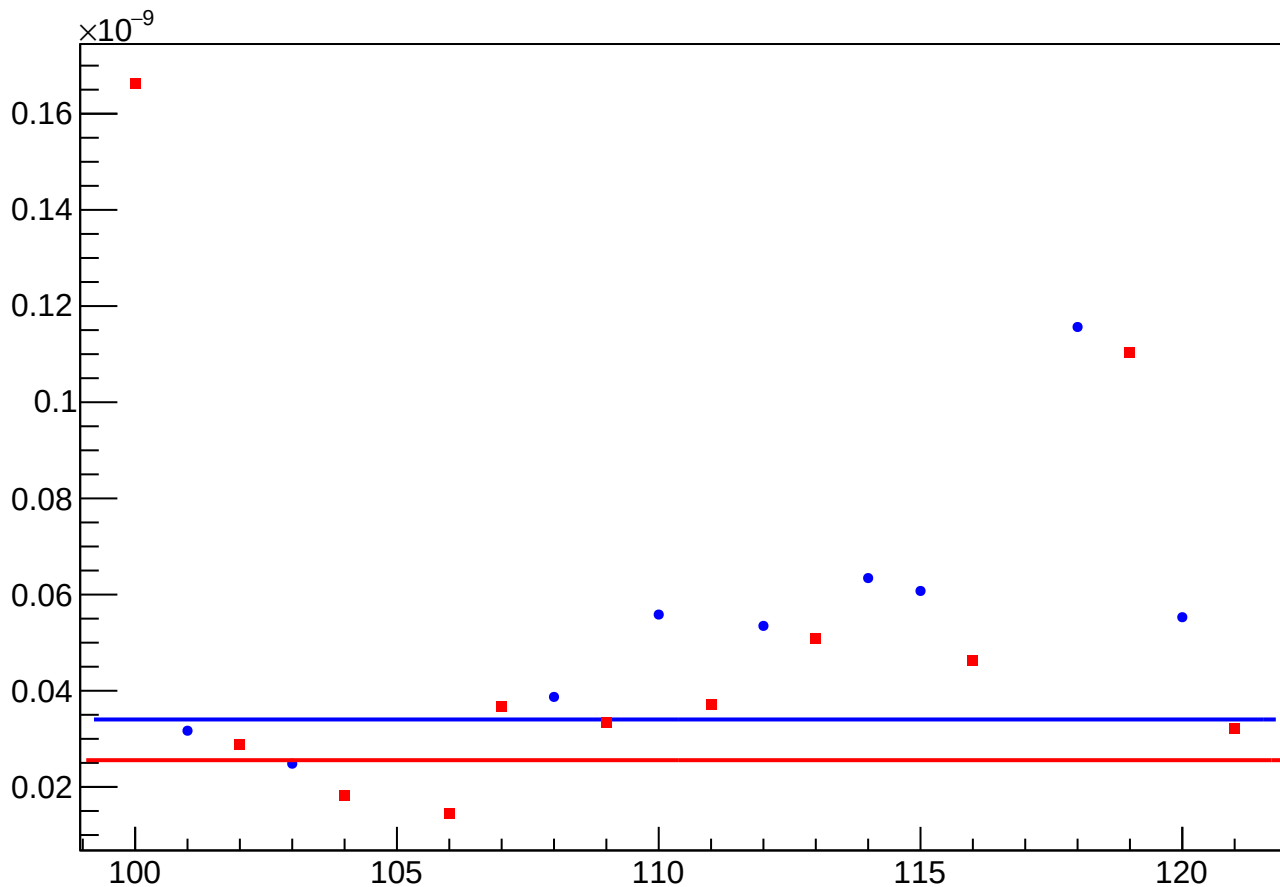
Right: 0.000+/-0.000 χ^2/NDF : 23.0/19

In: -0.000+/-0.000 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/19

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 501223.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 775536.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

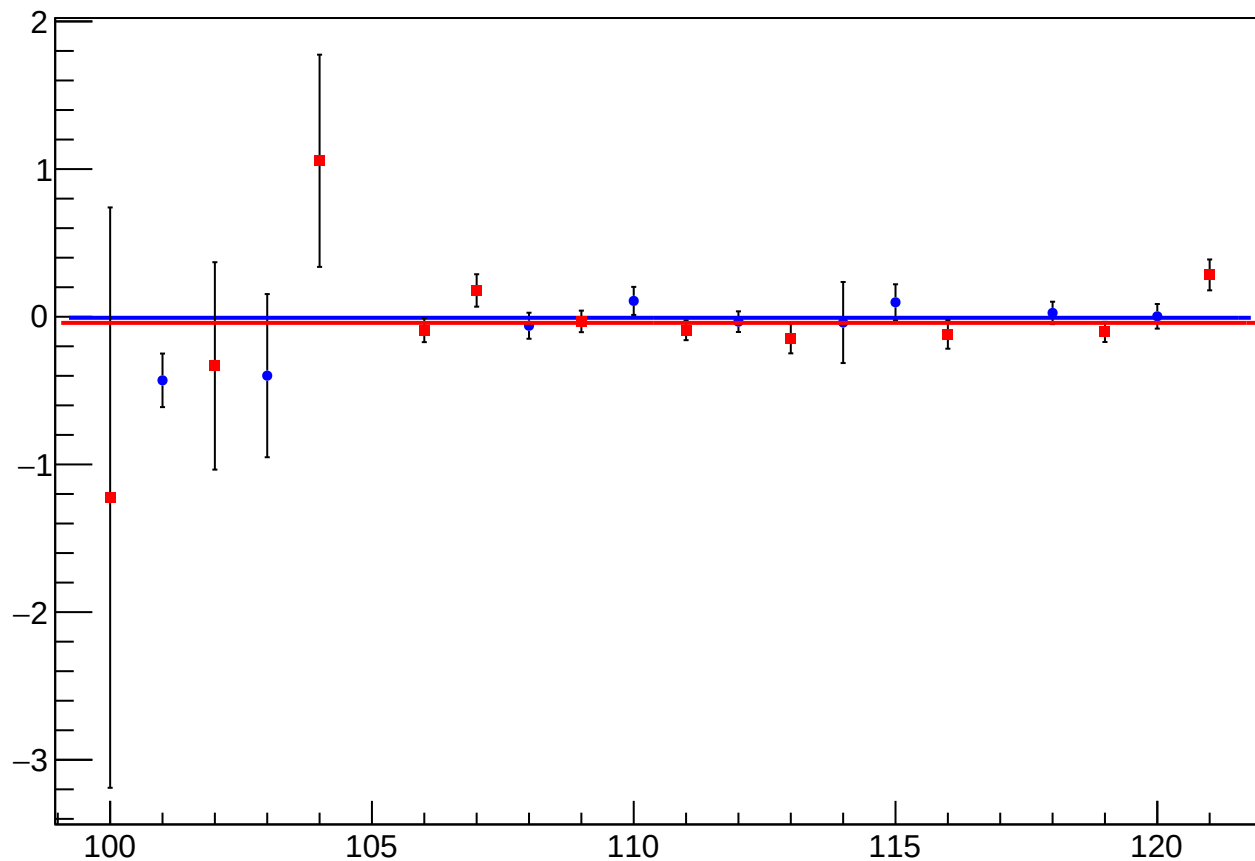
Right: 0.000+/-0.000 χ^2/NDF : 1385558.7/19

In: 0.000+/-0.000 χ^2/NDF : 501223.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1385558.7/19

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.034 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.041 $\pm$ 0.029 χ^2 /NDF: 20.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

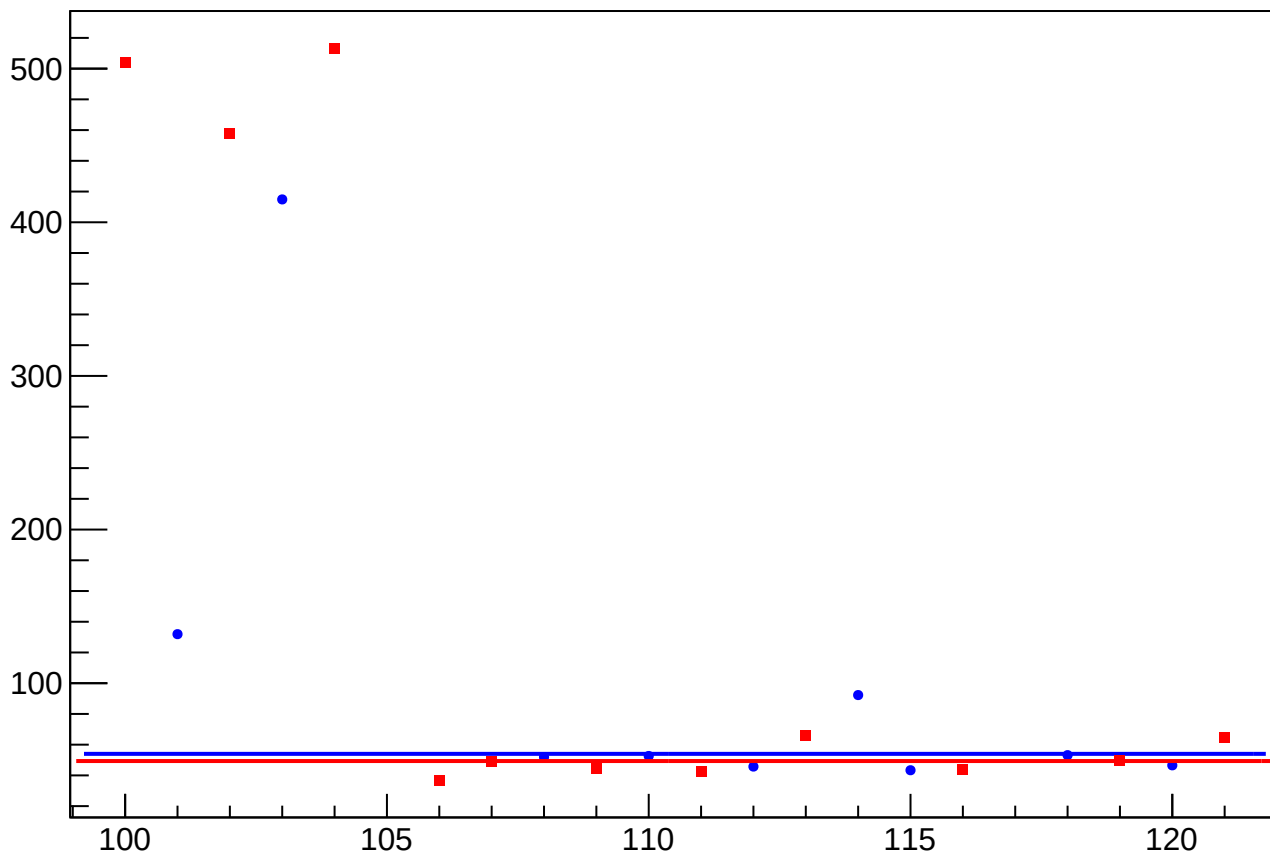
Right: -0.027 $\pm$ 0.022 χ^2 /NDF: 29.5/19

In: -0.007 $\pm$ 0.034 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.027 $\pm$ 0.022 χ^2 /NDF: 29.5/19

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.341+/-0.021 χ^2/NDF : 1802146.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

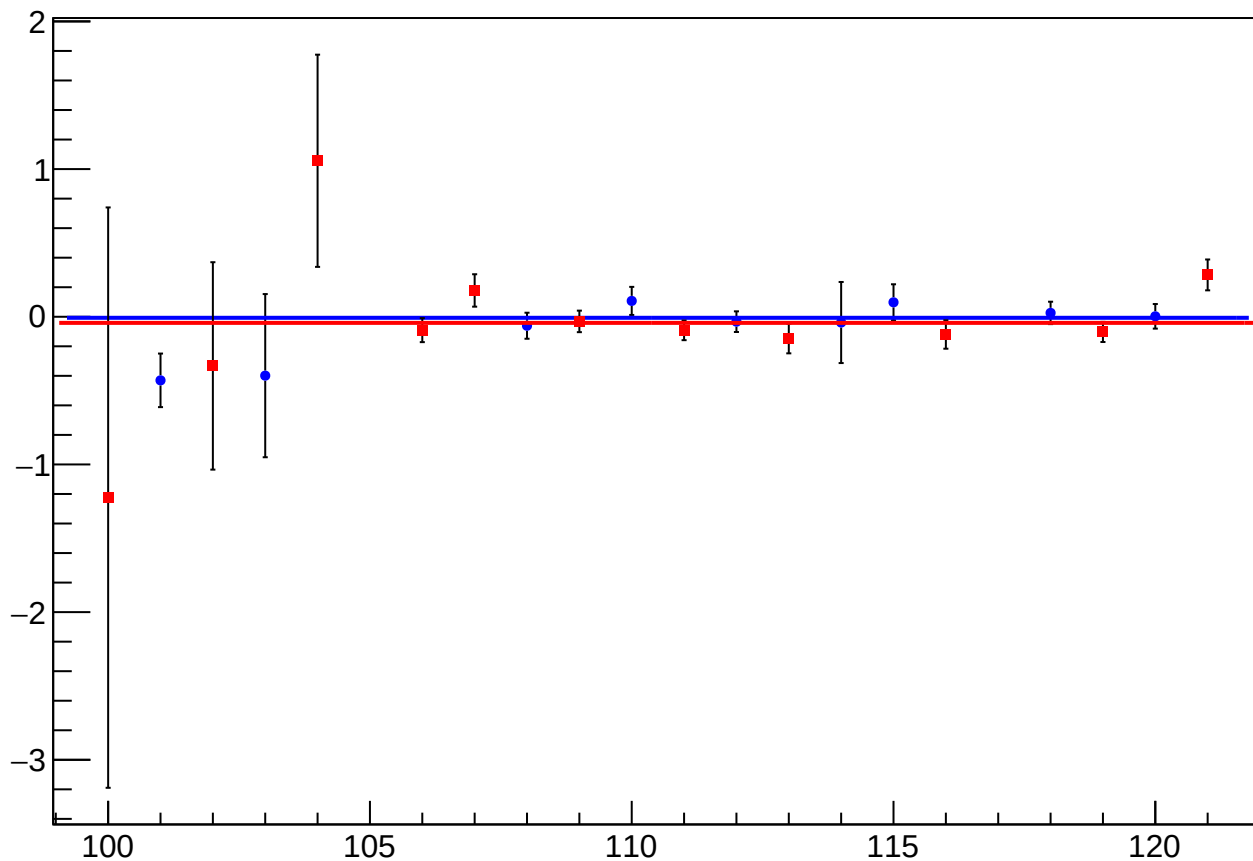
Right: 51.348+/-0.016 χ^2/NDF : 3146423.6/19

In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.348+/-0.016 χ^2/NDF : 3146423.6/19

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.034 χ^2 /NDF: 8.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.041+/-0.029 χ^2 /NDF: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

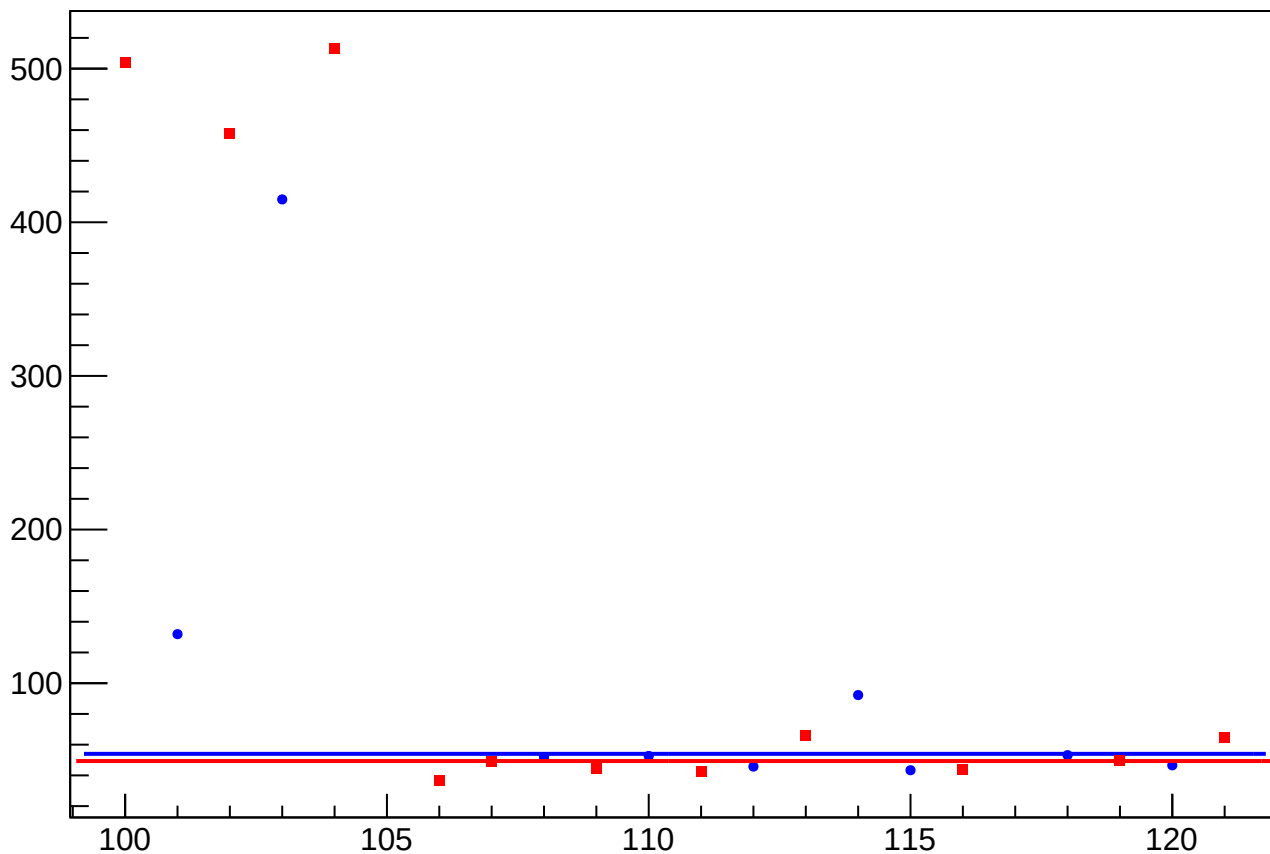
Right: -0.027+/-0.022 χ^2 /NDF: 29.5/19

In: -0.007+/-0.034 χ^2 /NDF:8.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.027+/-0.022 χ^2 /NDF: 29.5/19

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.341+/-0.021 χ^2/NDF : 1802146.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

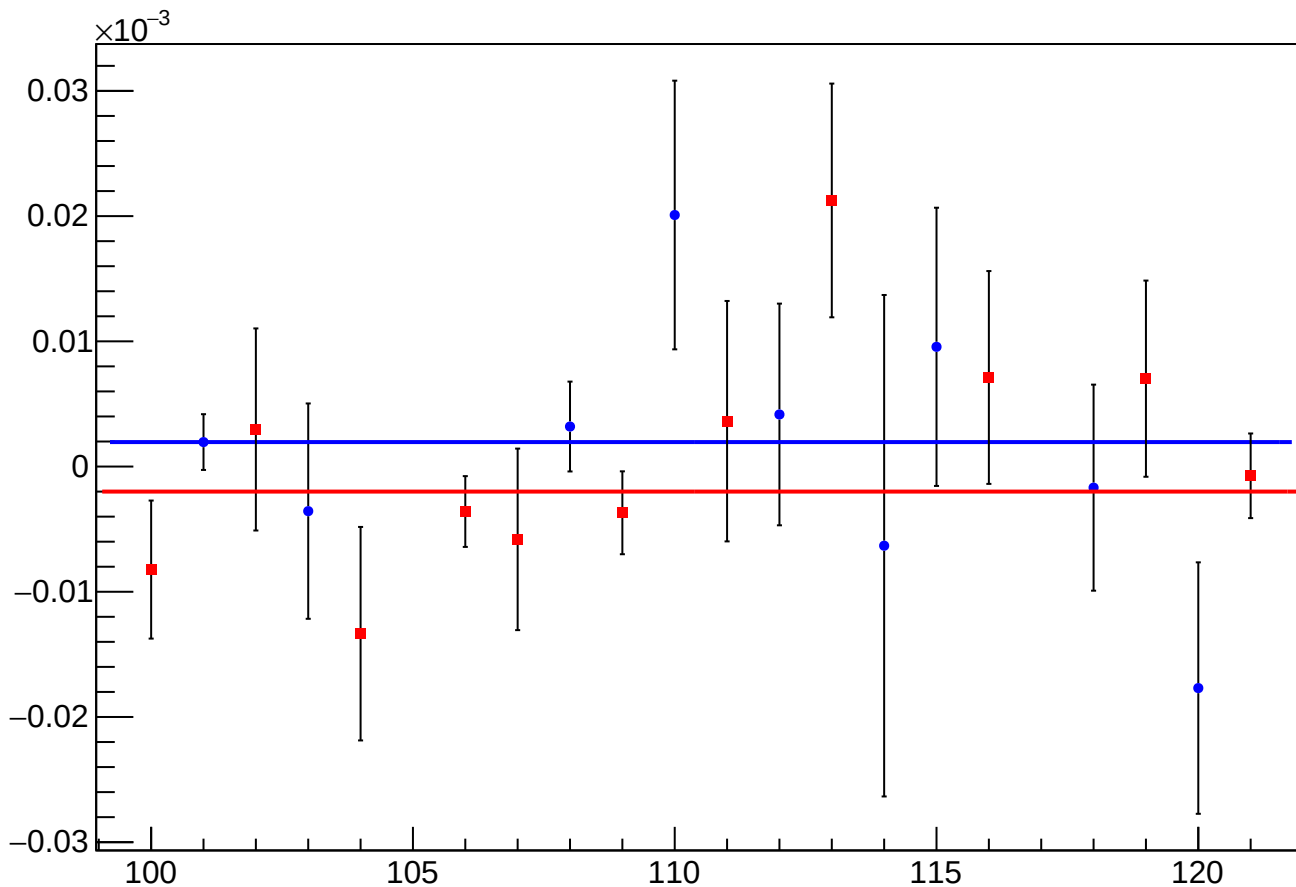
Right: 51.348+/-0.016 χ^2/NDF : 3146423.6/19

In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.348+/-0.016 χ^2/NDF : 3146423.6/19

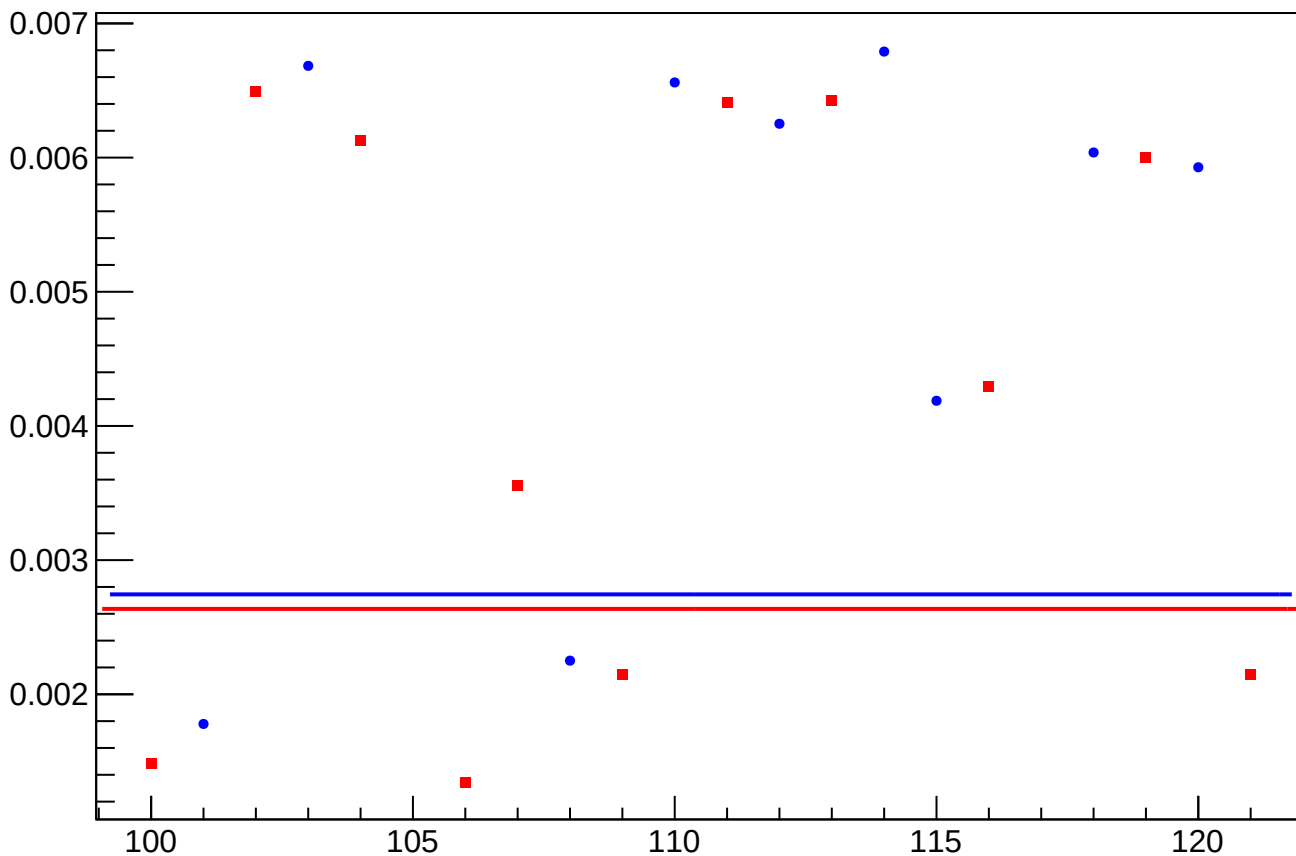
asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 24.6/19
 In: 0.000+/-0.000 χ^2/NDF : 8.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 24.6/19

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2037677.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2499254.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

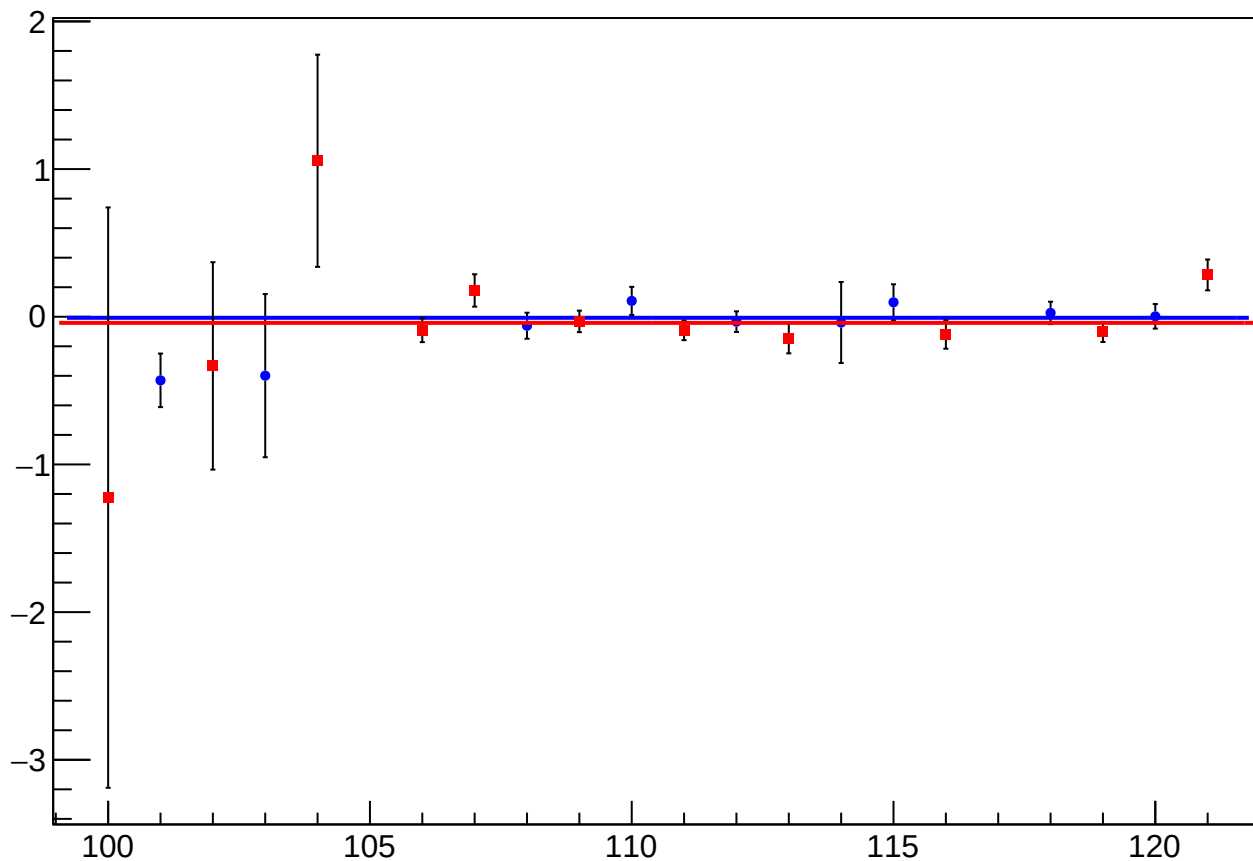
Right: 0.003+/-0.000 χ^2/NDF : 4541477.9/19

In: 0.003+/-0.000 χ^2/NDF : 2037677.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4541477.9/19

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.034 χ^2 /NDF: 8.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.041+/-0.029 χ^2 /NDF: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

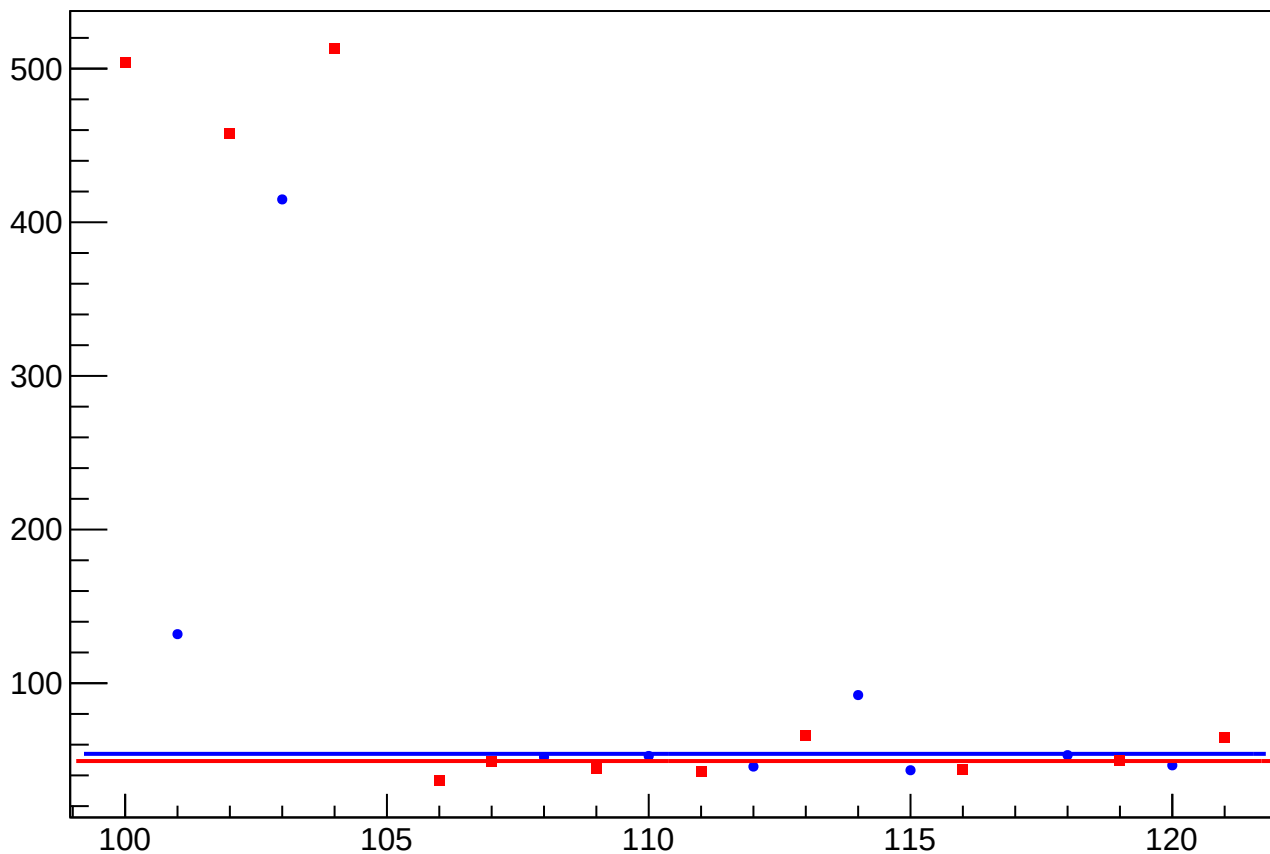
Right: -0.027+/-0.022 χ^2 /NDF: 29.5/19

In: -0.007+/-0.034 χ^2 /NDF:8.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.027+/-0.022 χ^2 /NDF: 29.5/19

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.341+/-0.021 χ^2/NDF : 1802112.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

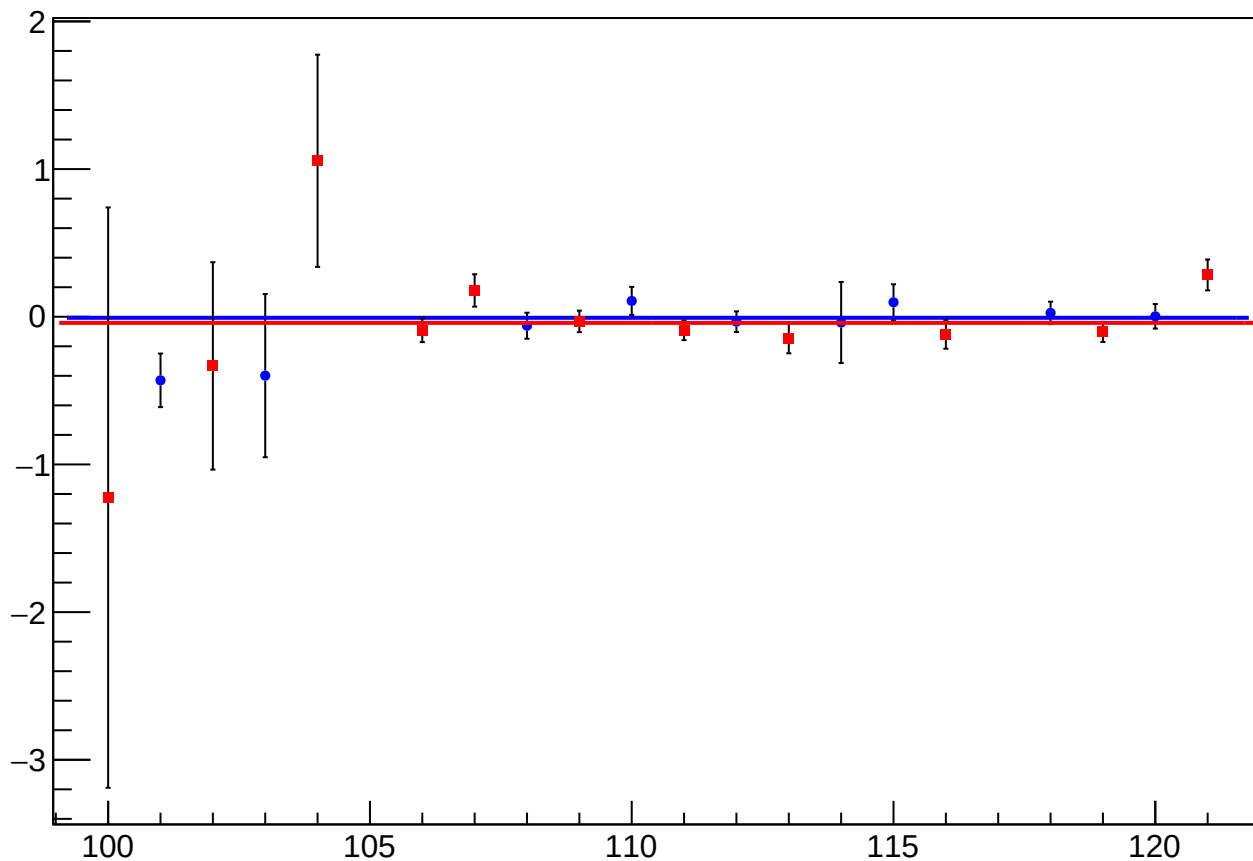
Right: 51.348+/-0.016 χ^2/NDF : 3146388.6/19

In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.348+/-0.016 χ^2/NDF : 3146388.6/19

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.034 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.041 $\pm$ 0.029 χ^2 /NDF: 20.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

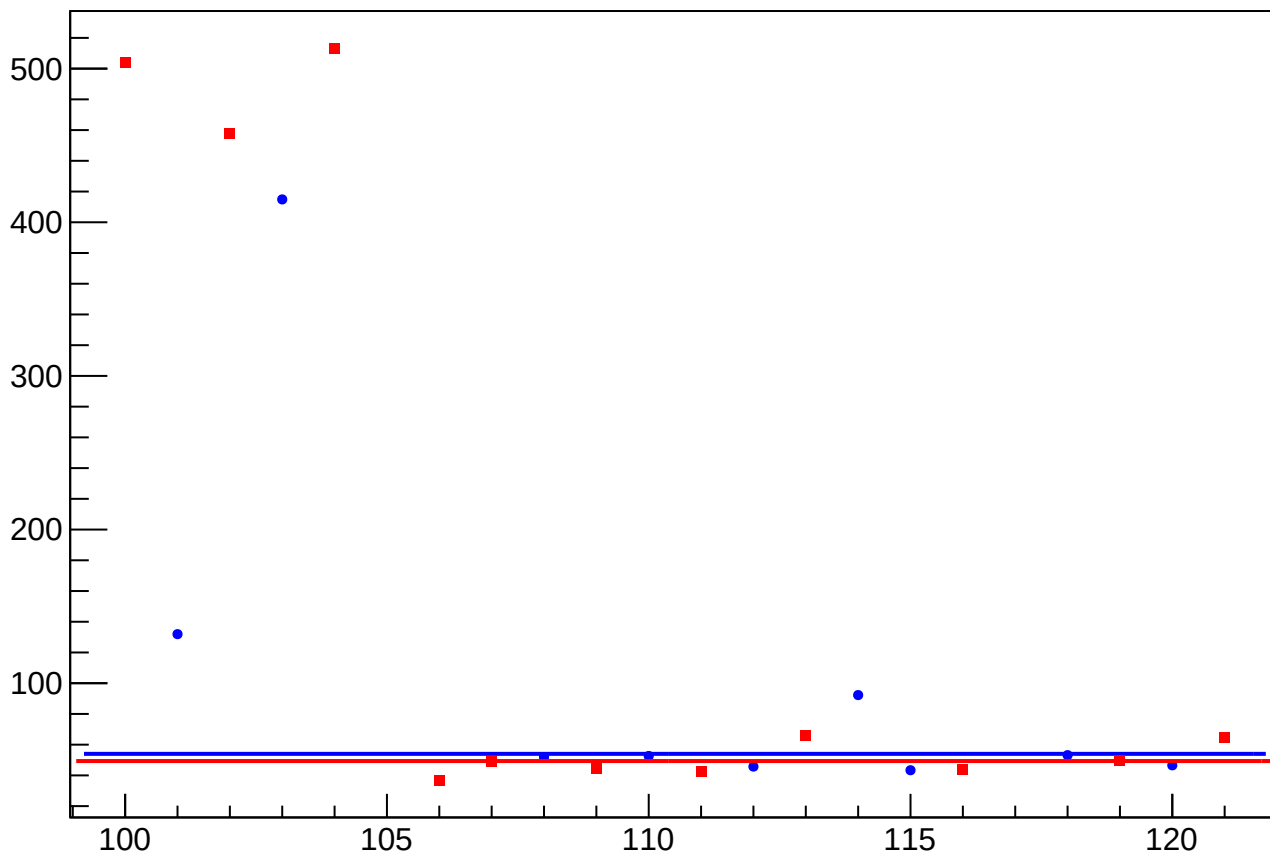
Right: -0.027 $\pm$ 0.022 χ^2 /NDF: 29.5/19

In: -0.007 $\pm$ 0.034 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.027 $\pm$ 0.022 χ^2 /NDF: 29.5/19

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.341+/-0.021 χ^2/NDF : 1802112.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

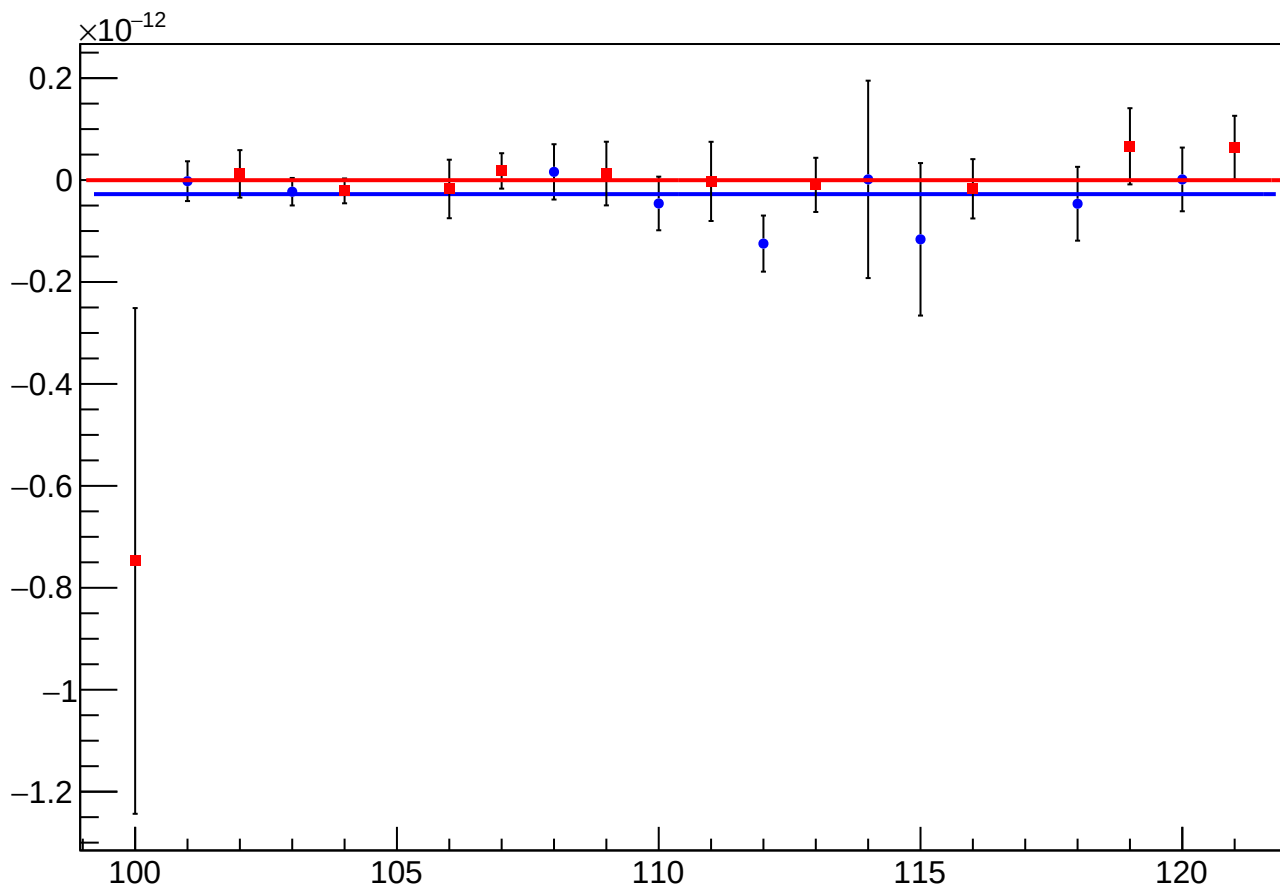
Right: 51.348+/-0.016 χ^2/NDF : 3146388.6/19

In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.348+/-0.016 χ^2/NDF : 3146388.6/19

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

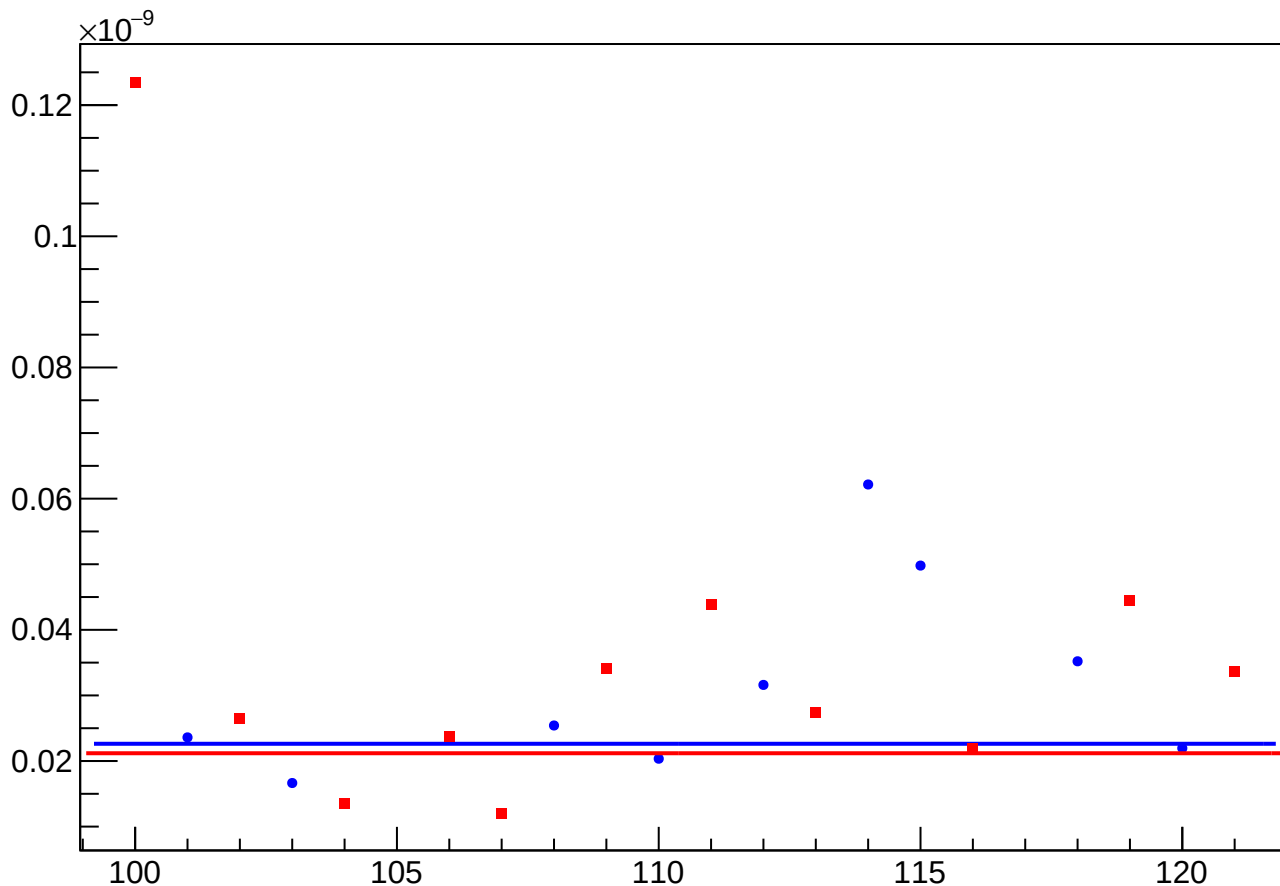
Right: -0.000+/-0.000 χ^2 /NDF: 11.9/19

In: -0.000+/-0.000 χ^2 /NDF:5.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.9/19

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 371606.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1007050.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

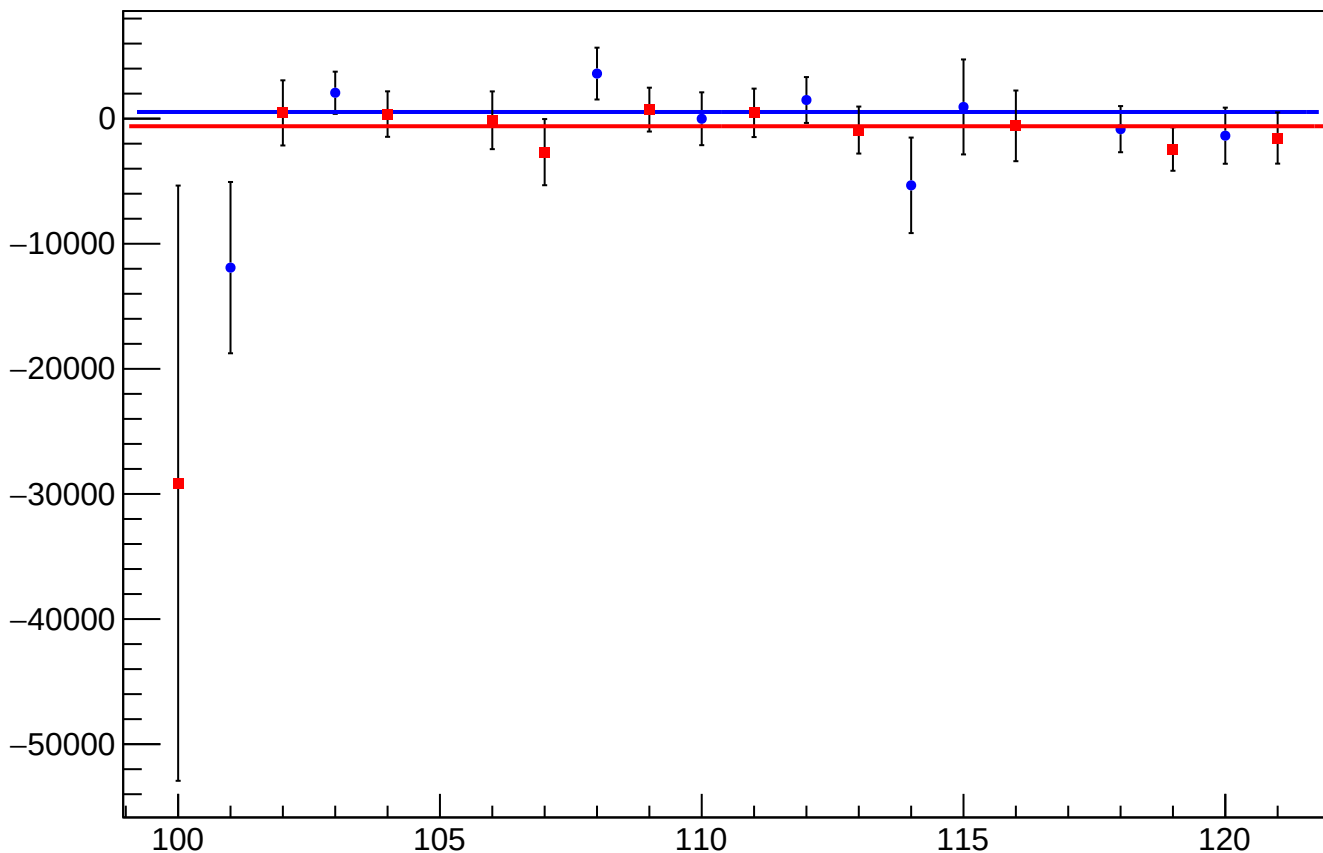
Right: 0.000+/-0.000 χ^2/NDF : 1387187.0/19

In: 0.000+/-0.000 χ^2/NDF : 371606.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1387187.0/19

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 532.596+/-754.076 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -606.445+/-651.864 χ^2/NDF : 4.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

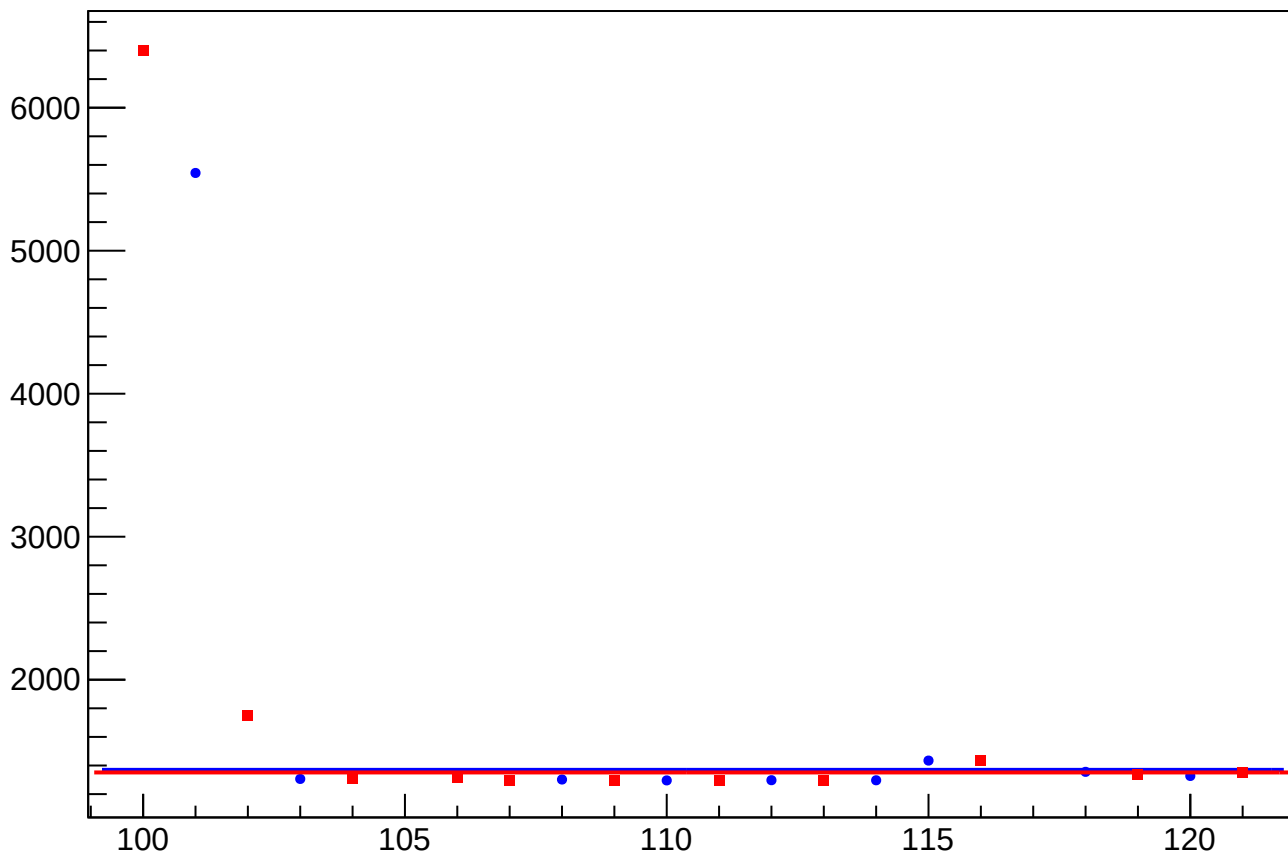
Right: -119.297+/-493.146 χ^2/NDF : 16.4/19

In: 532.596+/-754.076 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -119.297+/-493.146 χ^2/NDF : 16.4/19

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.553+/-0.533 χ^2/NDF : 755965.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.509+/-0.461 χ^2/NDF : 146477.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

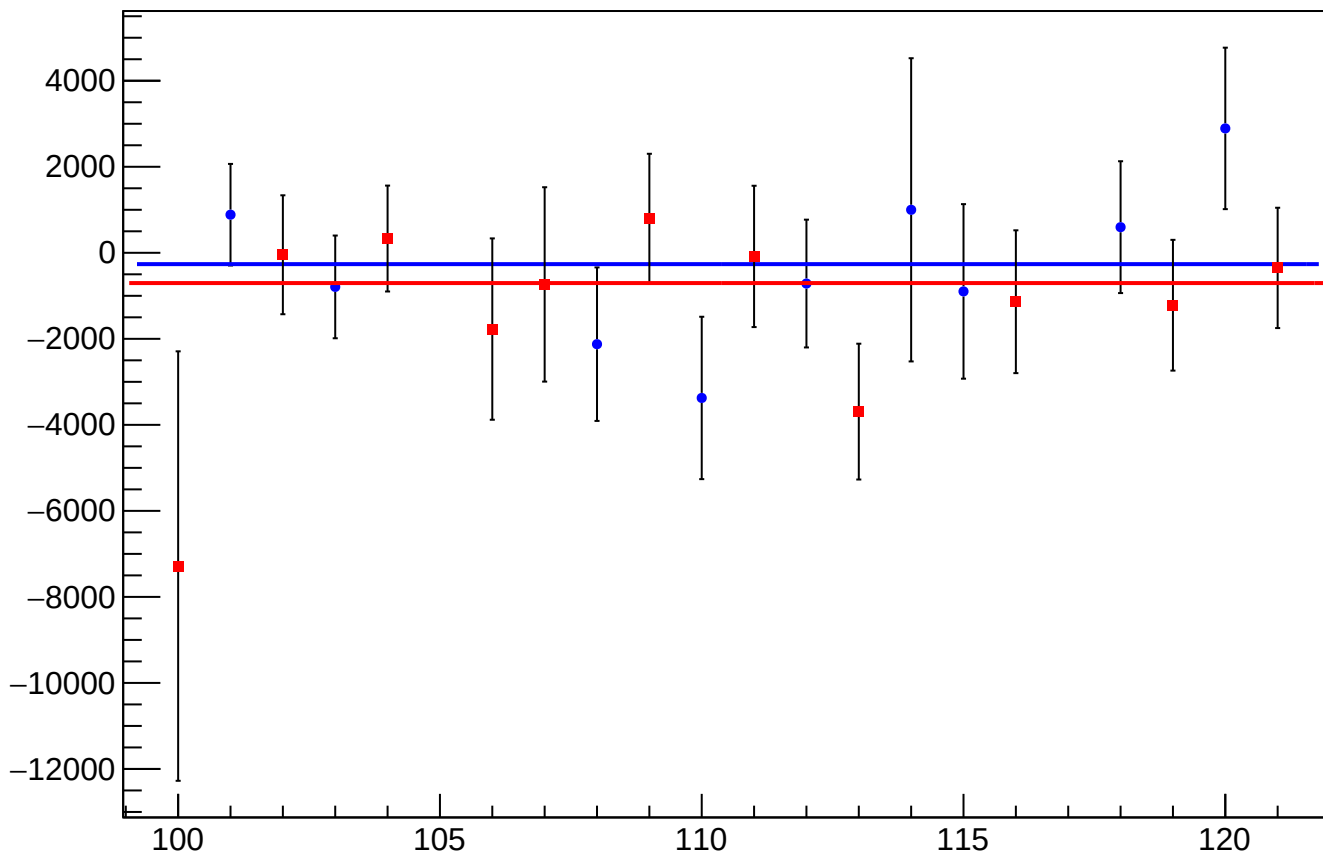
Right: 1359.226+/-0.349 χ^2/NDF : 903097.8/19

In: 1369.553+/-0.533 χ^2/NDF : 755965.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.226+/-0.349 χ^2/NDF : 903097.8/19

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -263.412+/-534.586 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -703.579+/-490.308 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

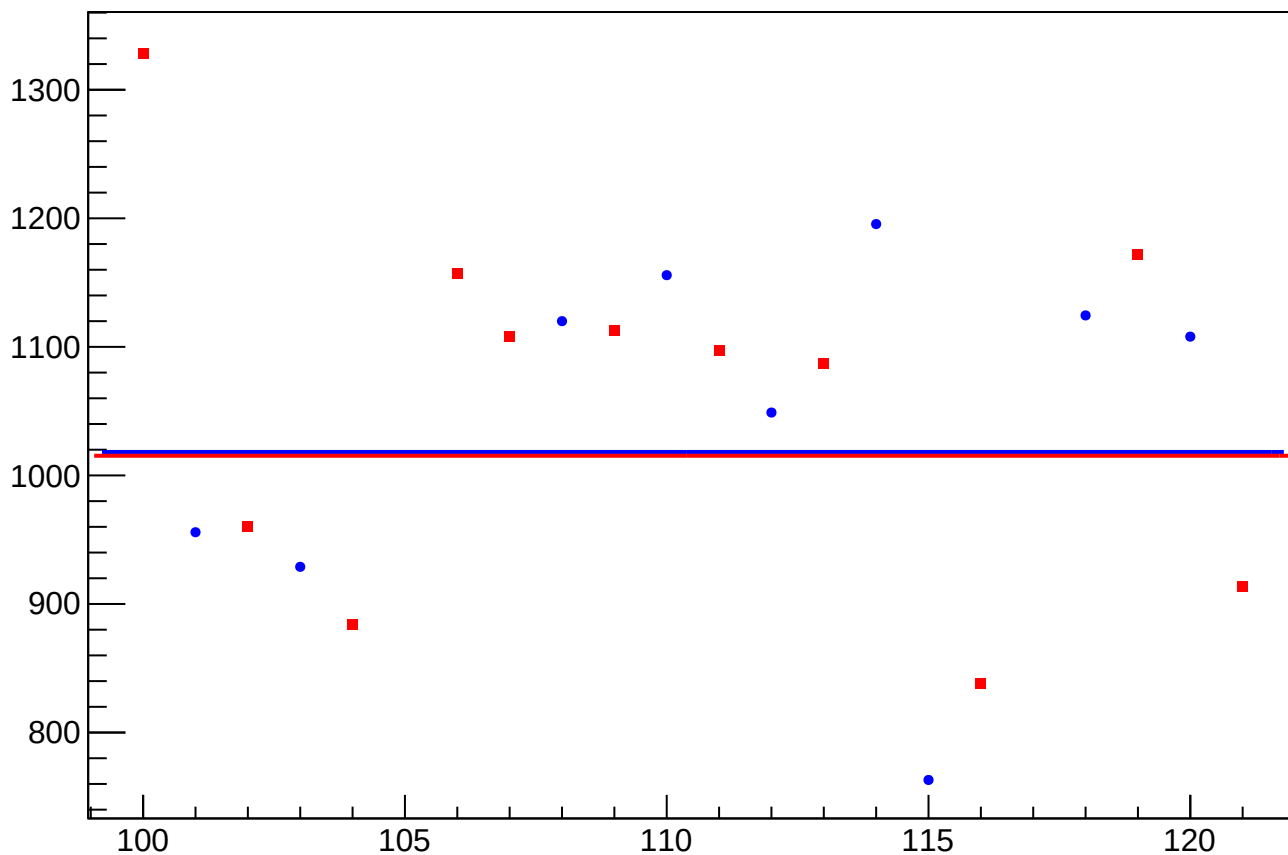
Right: -502.476+/-361.341 χ^2/NDF : 16.7/19

In: -263.412+/-534.586 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.476+/-361.341 χ^2/NDF : 16.7/19

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1018.248+/-0.378 χ^2/NDF : 85620.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1015.297+/-0.347 χ^2/NDF : 118354.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

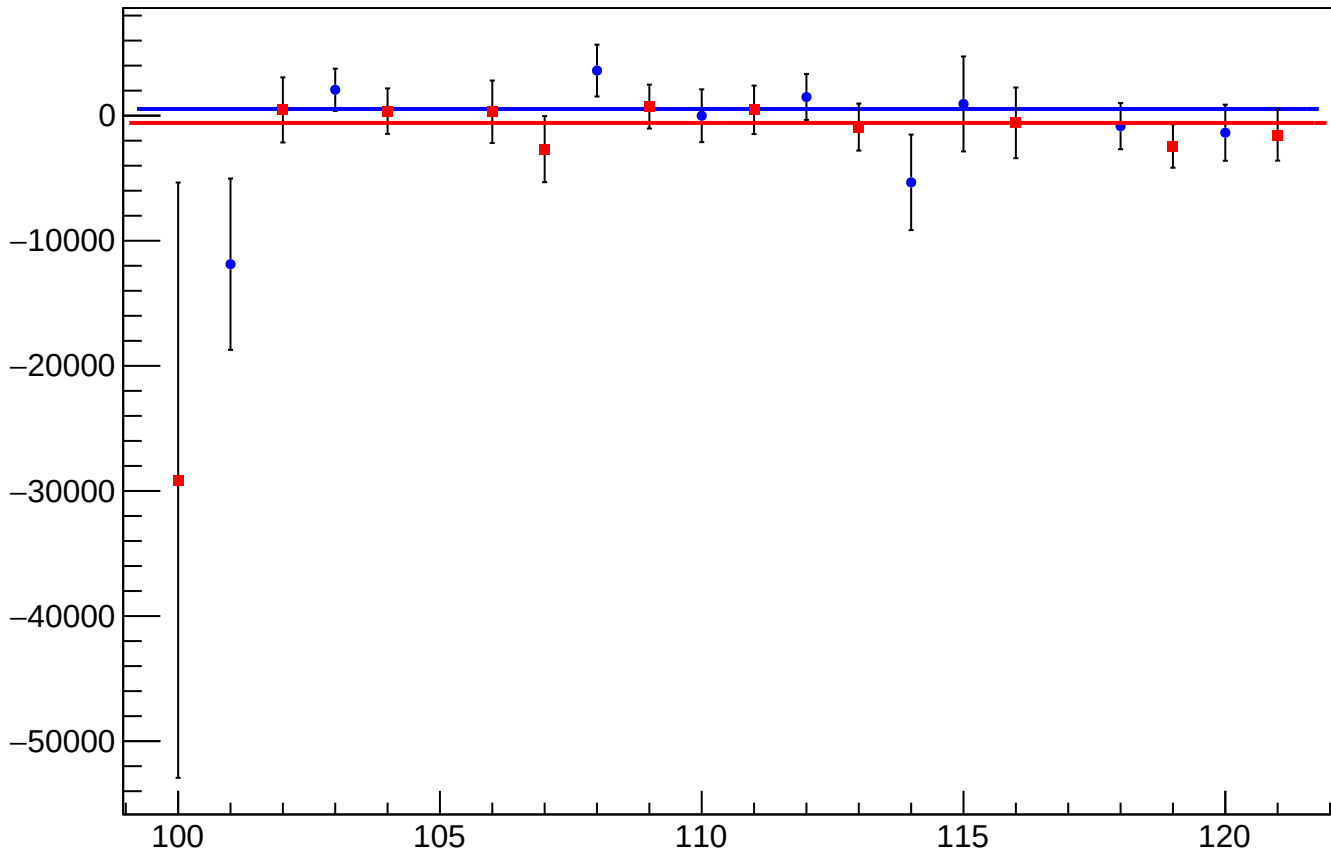
Right: 1016.645+/-0.256 χ^2/NDF : 204007.8/19

In: 1018.248+/-0.378 χ^2/NDF : 85620.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.645+/-0.256 χ^2/NDF : 204007.8/19

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 533.018+/-754.076 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -581.932+/-655.644 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

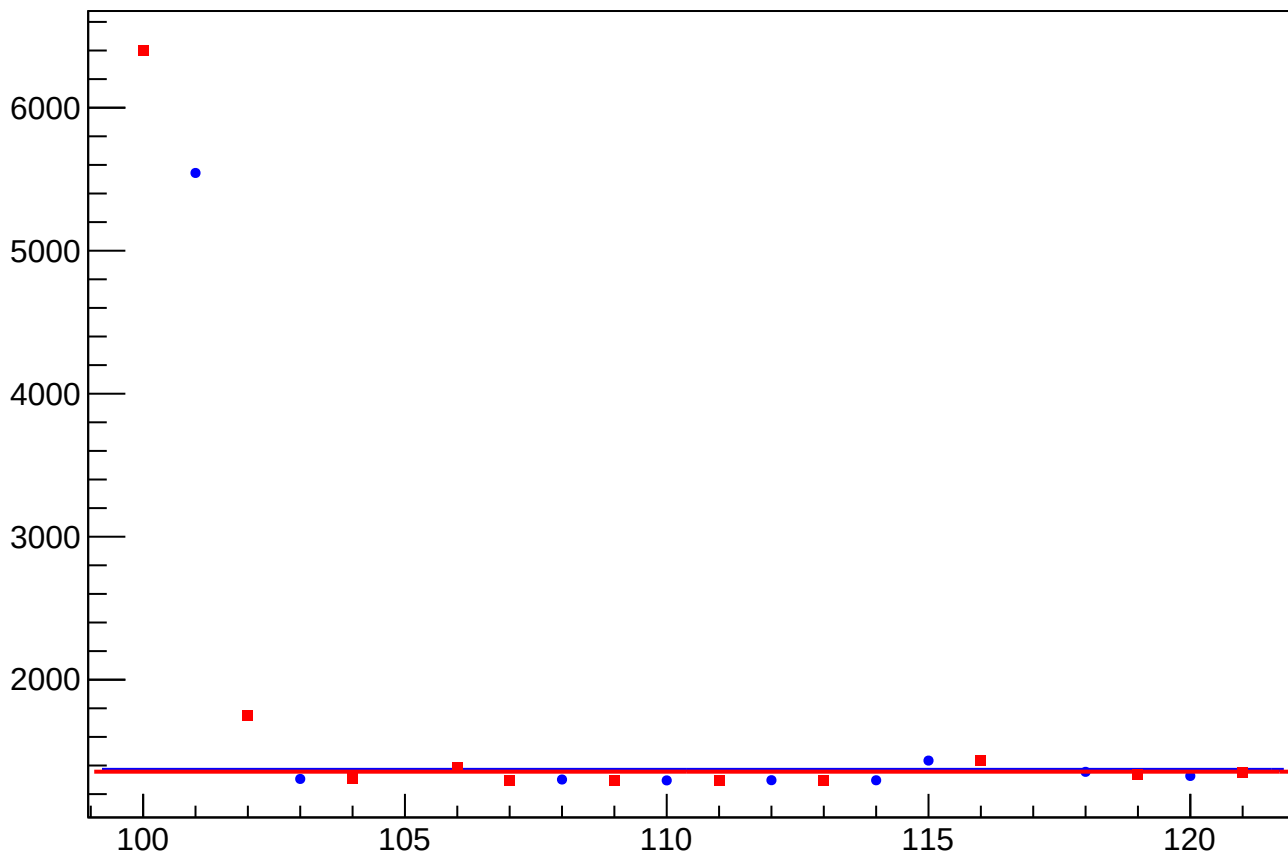
Right: -101.929+/-494.777 χ^2/NDF : 16.4/19

In: 533.018+/-754.076 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -101.929+/-494.777 χ^2/NDF : 16.4/19

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.826+/-0.464 χ^2/NDF : 146358.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

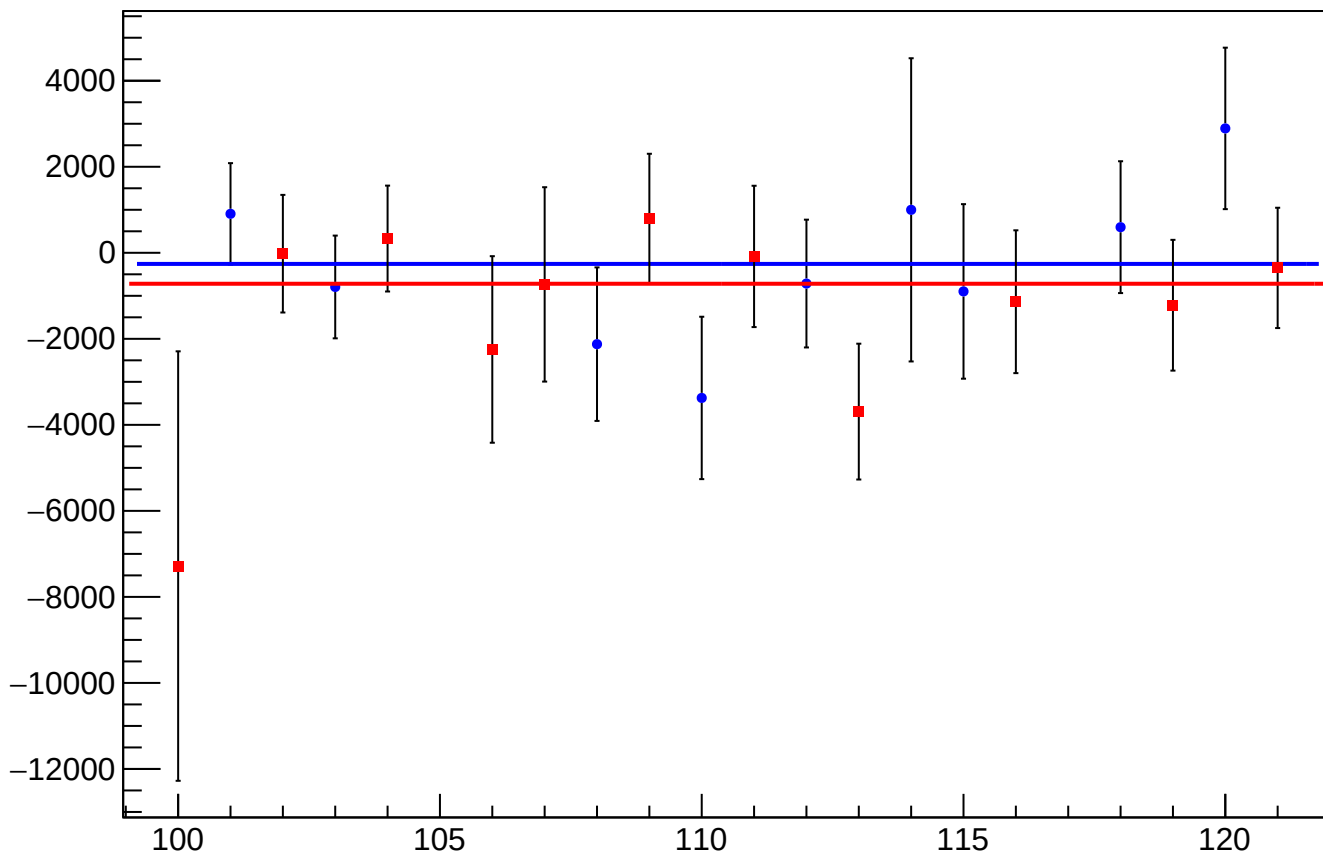
Right: 1362.305+/-0.350 χ^2/NDF : 902646.7/19

In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.305+/-0.350 χ^2/NDF : 902646.7/19

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -719.598+/-490.329 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

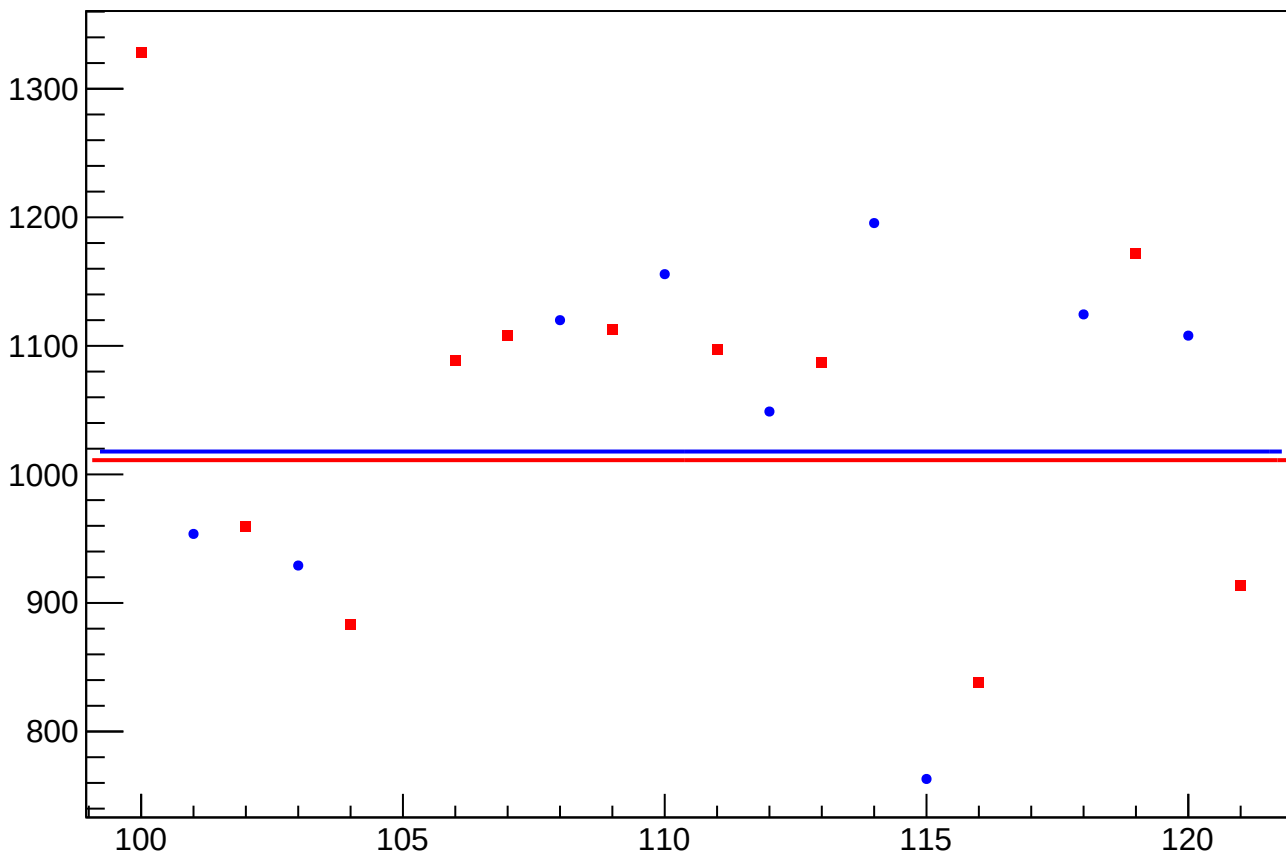
Right: -508.820+/-361.280 χ^2/NDF : 17.0/19

In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.820+/-361.280 χ^2/NDF : 17.0/19

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.087+/-0.347 χ^2/NDF : 111640.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

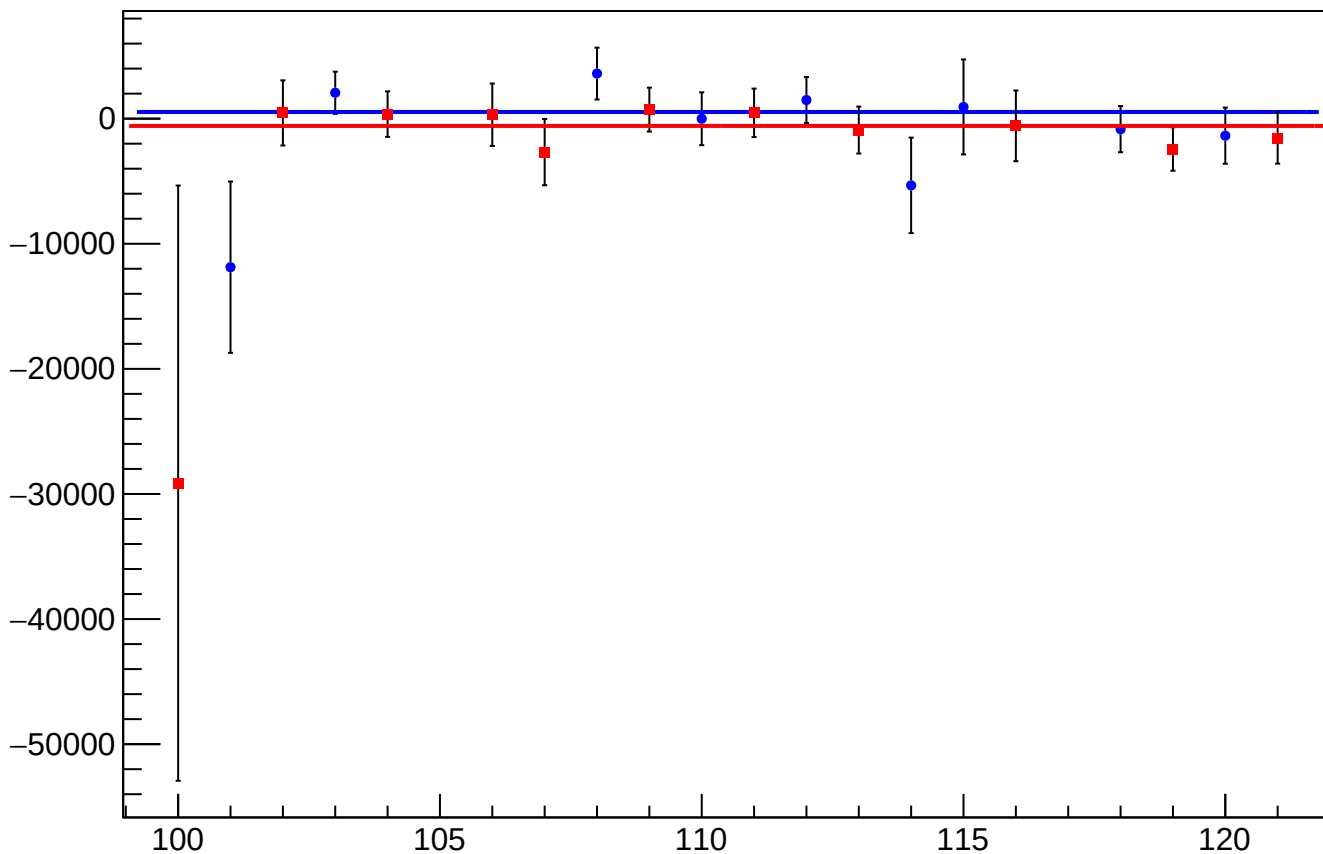
Right: 1014.158+/-0.255 χ^2/NDF : 197787.7/19

In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.158+/-0.255 χ^2/NDF : 197787.7/19

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 533.018+/-754.076 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -581.932+/-655.644 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

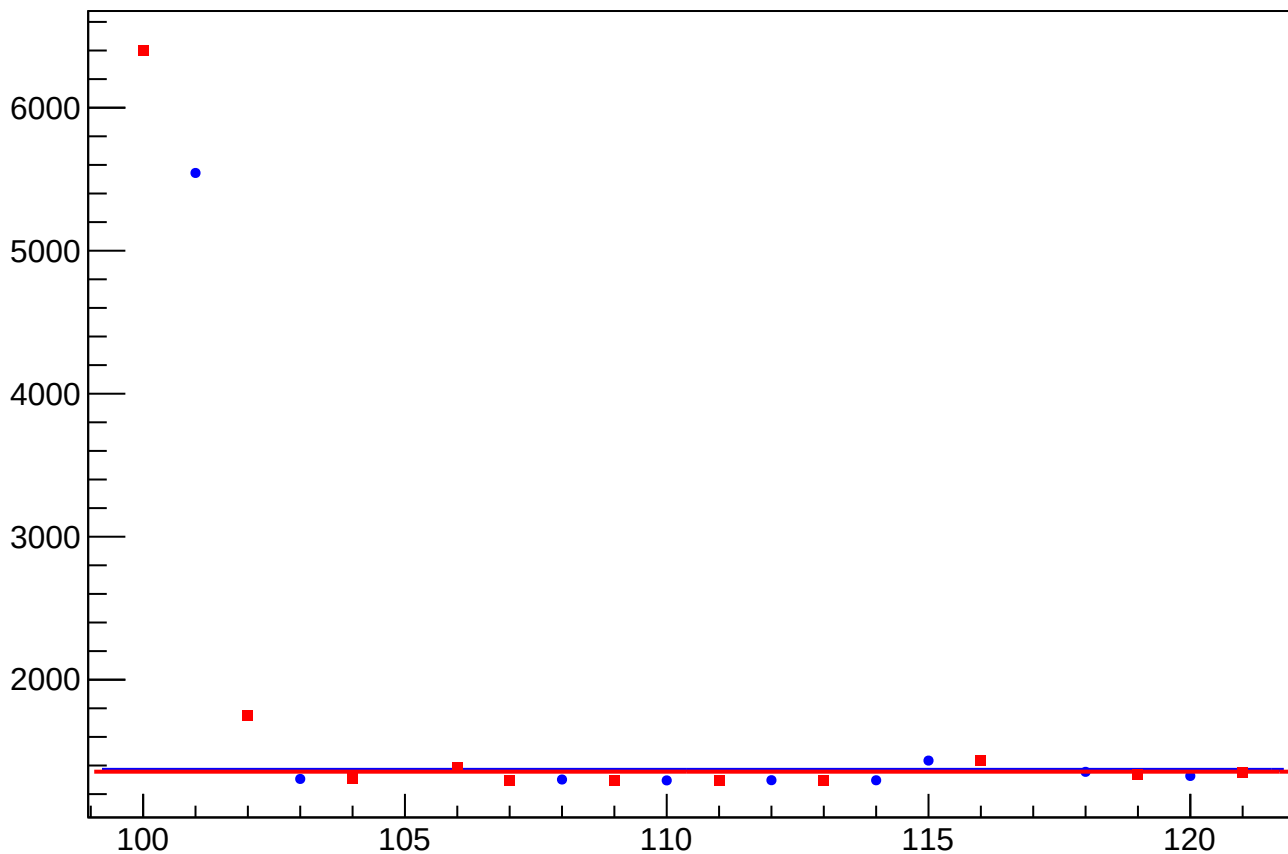
Right: -101.929+/-494.777 χ^2/NDF : 16.4/19

In: 533.018+/-754.076 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -101.929+/-494.777 χ^2/NDF : 16.4/19

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.826+/-0.464 χ^2/NDF : 146358.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

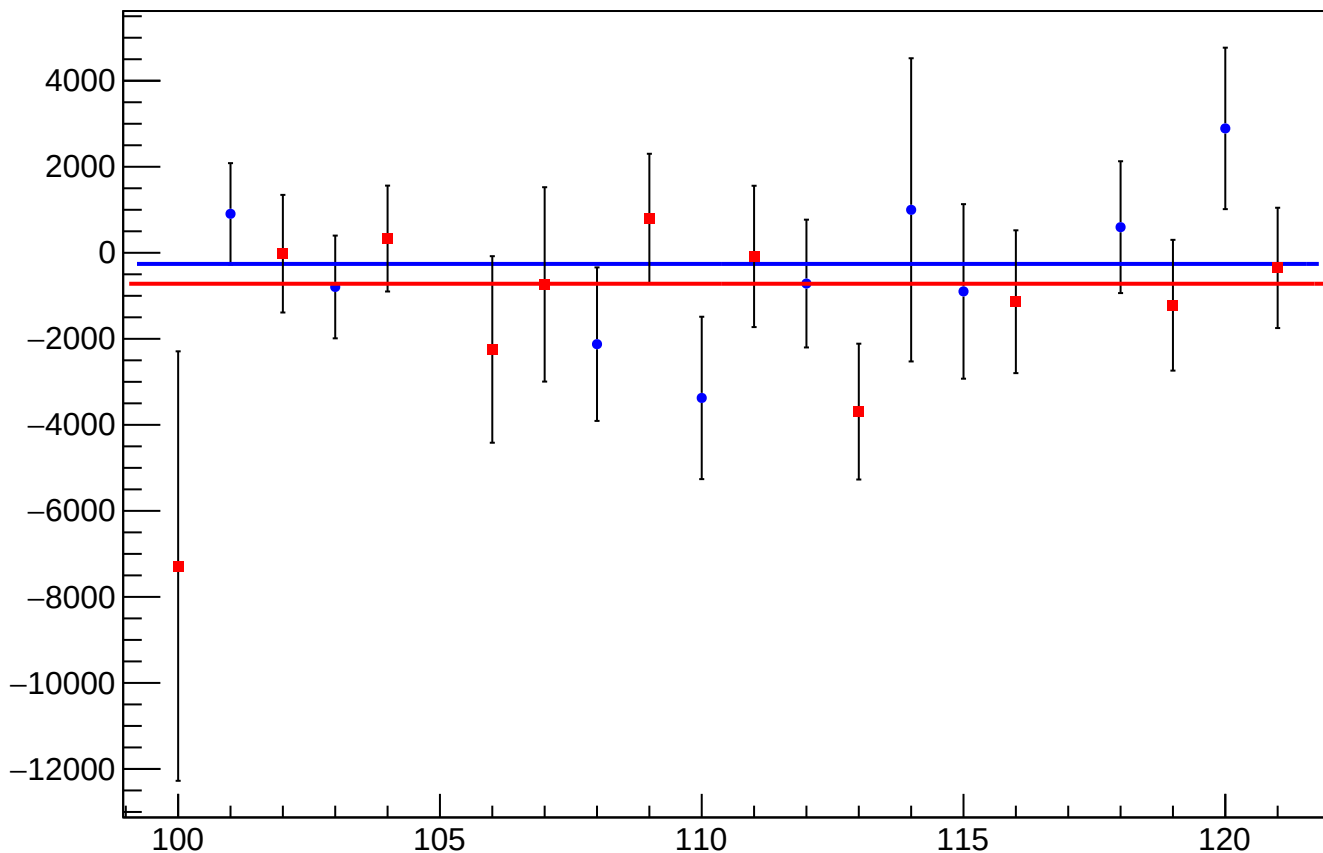
Right: 1362.305+/-0.350 χ^2/NDF : 902646.7/19

In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.305+/-0.350 χ^2/NDF : 902646.7/19

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -719.598+/-490.329 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

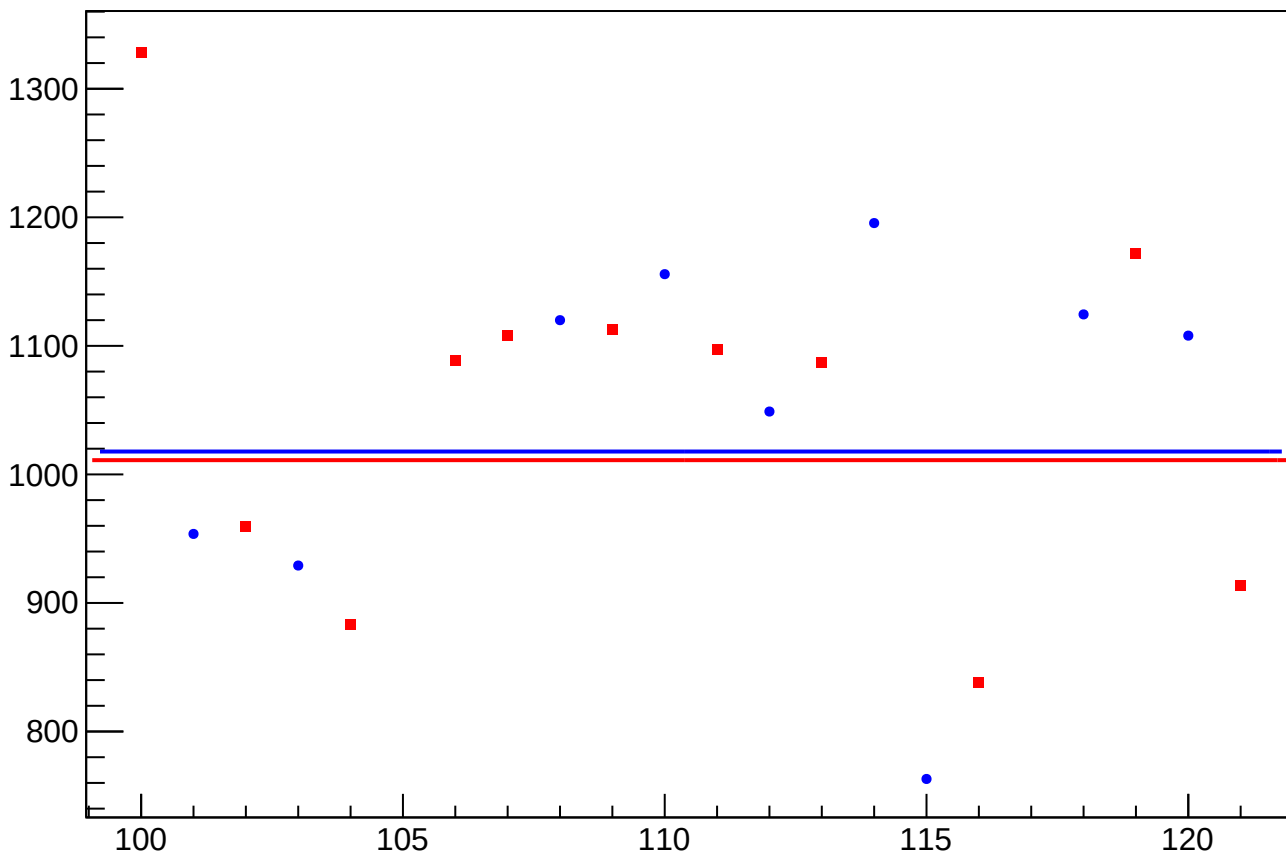
Right: -508.820+/-361.280 χ^2/NDF : 17.0/19

In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.820+/-361.280 χ^2/NDF : 17.0/19

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.087+/-0.347 χ^2/NDF : 111640.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

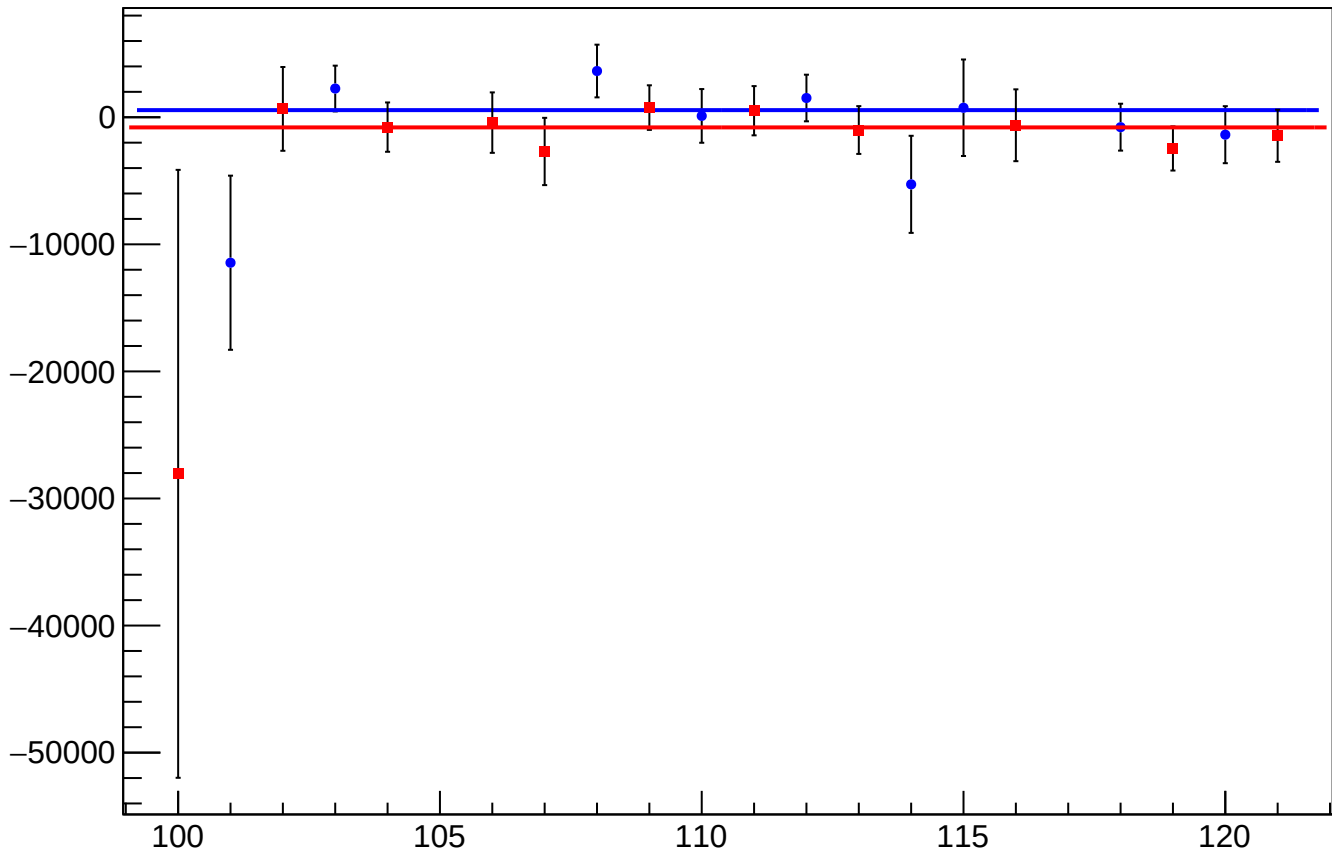
Right: 1014.158+/-0.255 χ^2/NDF : 197787.7/19

In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.158+/-0.255 χ^2/NDF : 197787.7/19

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 560.916+/-763.976 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -798.690+/-666.997 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

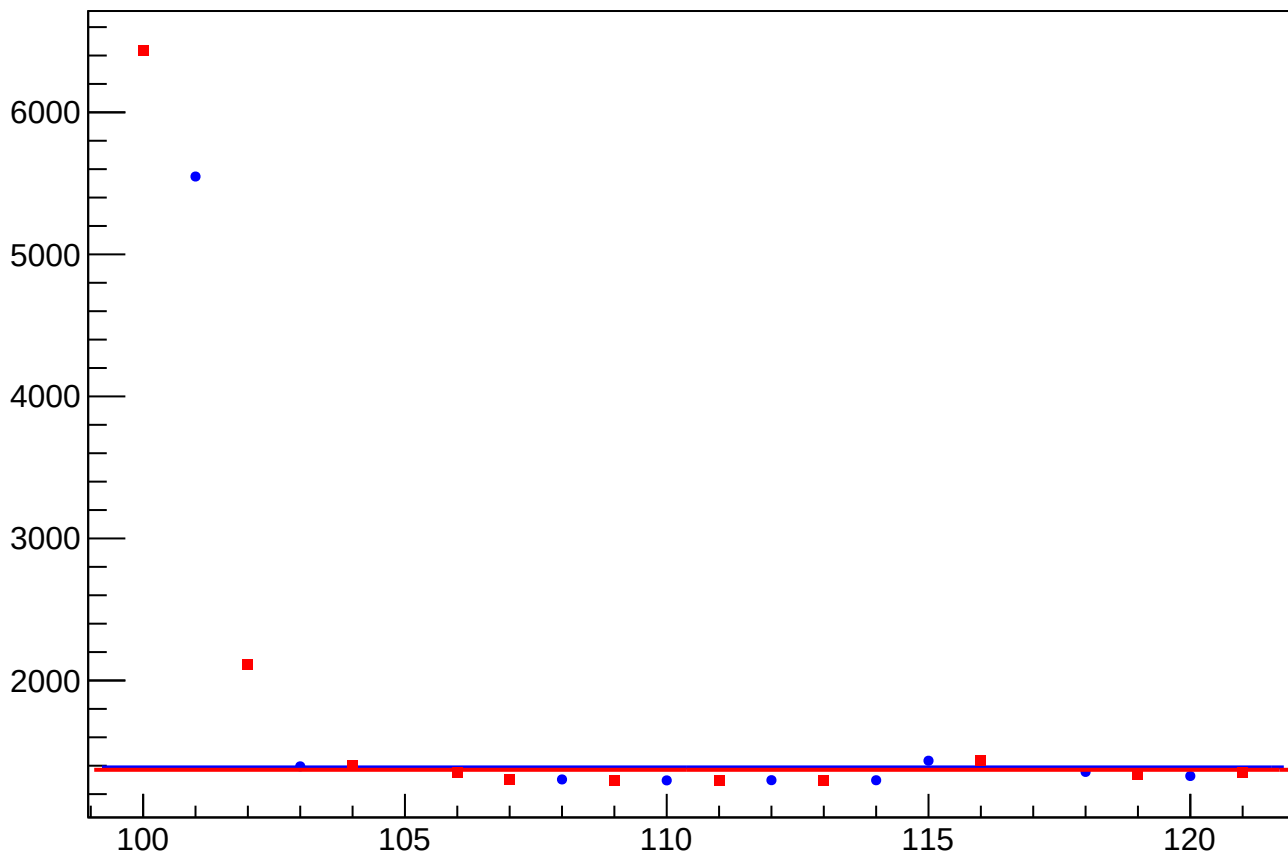
Right: -210.608+/-502.449 χ^2/NDF : 16.2/19

In: 560.916+/-763.976 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -210.608+/-502.449 χ^2/NDF : 16.2/19

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.204+/-0.472 χ^2/NDF : 203460.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

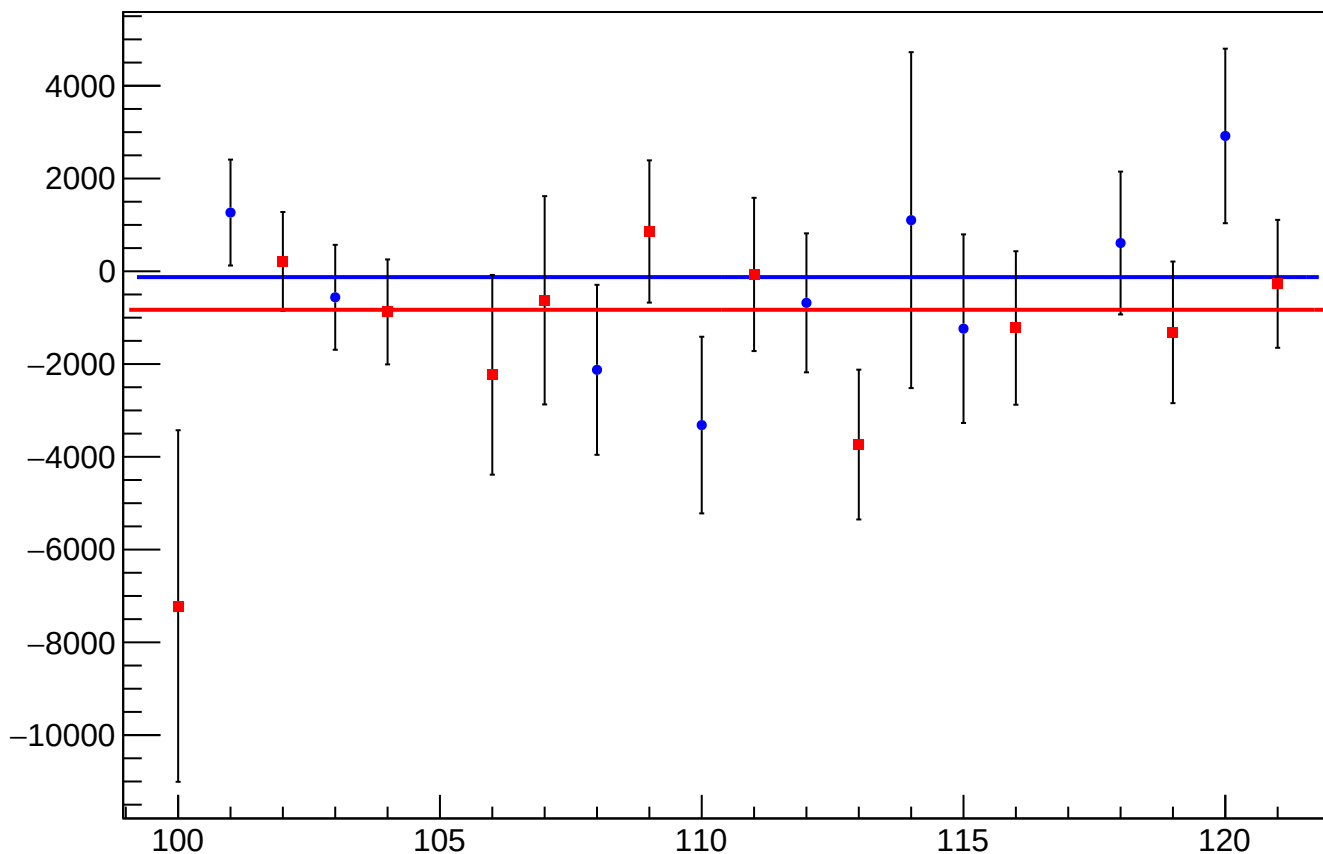
Right: 1378.433+/-0.355 χ^2/NDF : 956533.8/19

In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.433+/-0.355 χ^2/NDF : 956533.8/19

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -125.454+/-527.787 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -830.161+/-464.287 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

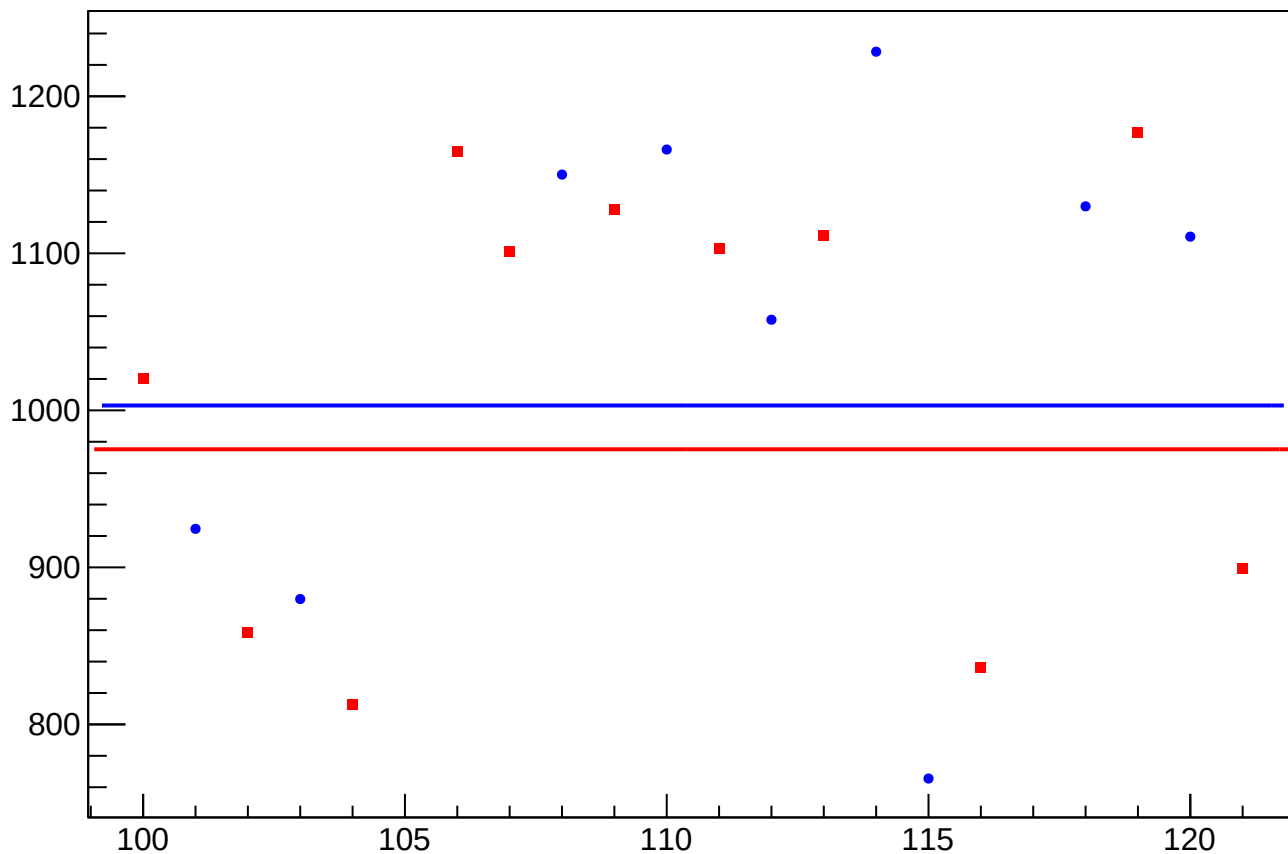
Right: -522.729+/-348.601 χ^2/NDF : 19.2/19

In: -125.454+/-527.787 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.729+/-348.601 χ^2/NDF : 19.2/19

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1003.097+/-0.373 χ^2/NDF : 118546.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 975.207+/-0.328 χ^2/NDF : 188280.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

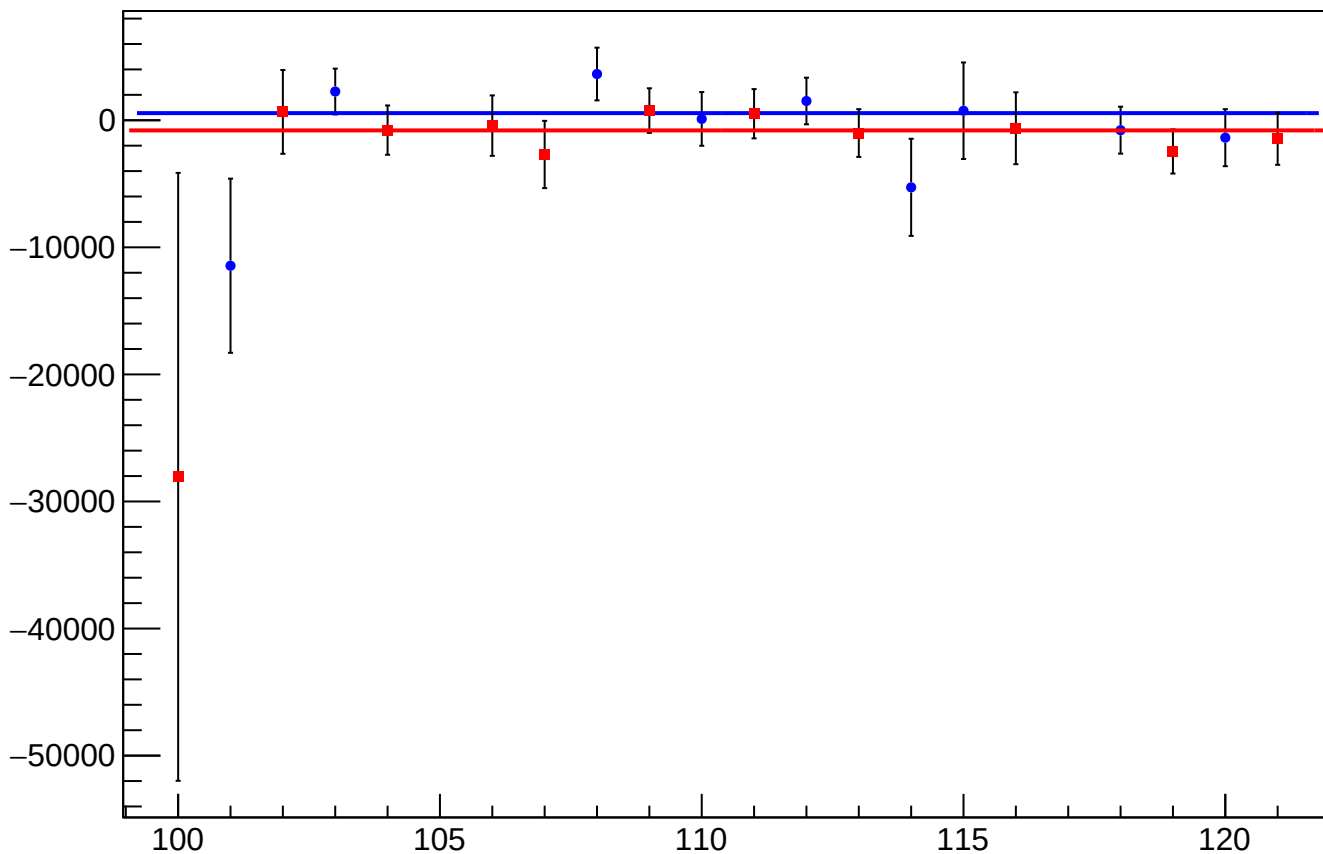
Right: 987.374+/-0.246 χ^2/NDF : 309975.4/19

In: 1003.097+/-0.373 χ^2/NDF : 118546.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.374+/-0.246 χ^2/NDF : 309975.4/19

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 560.916+/-763.976 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -798.687+/-666.997 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

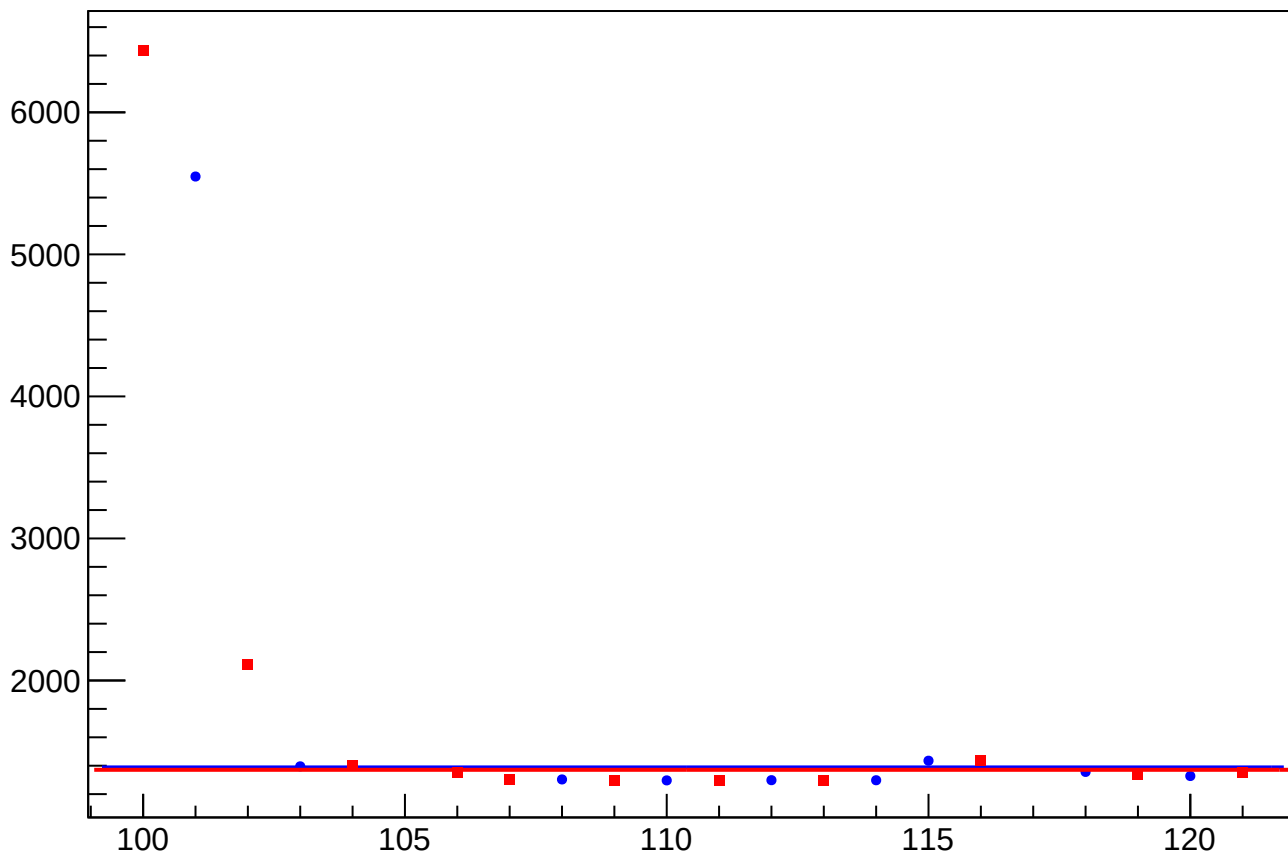
Right: -210.606+/-502.449 χ^2/NDF : 16.2/19

In: 560.916+/-763.976 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -210.606+/-502.449 χ^2/NDF : 16.2/19

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.204+/-0.472 χ^2/NDF : 203460.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

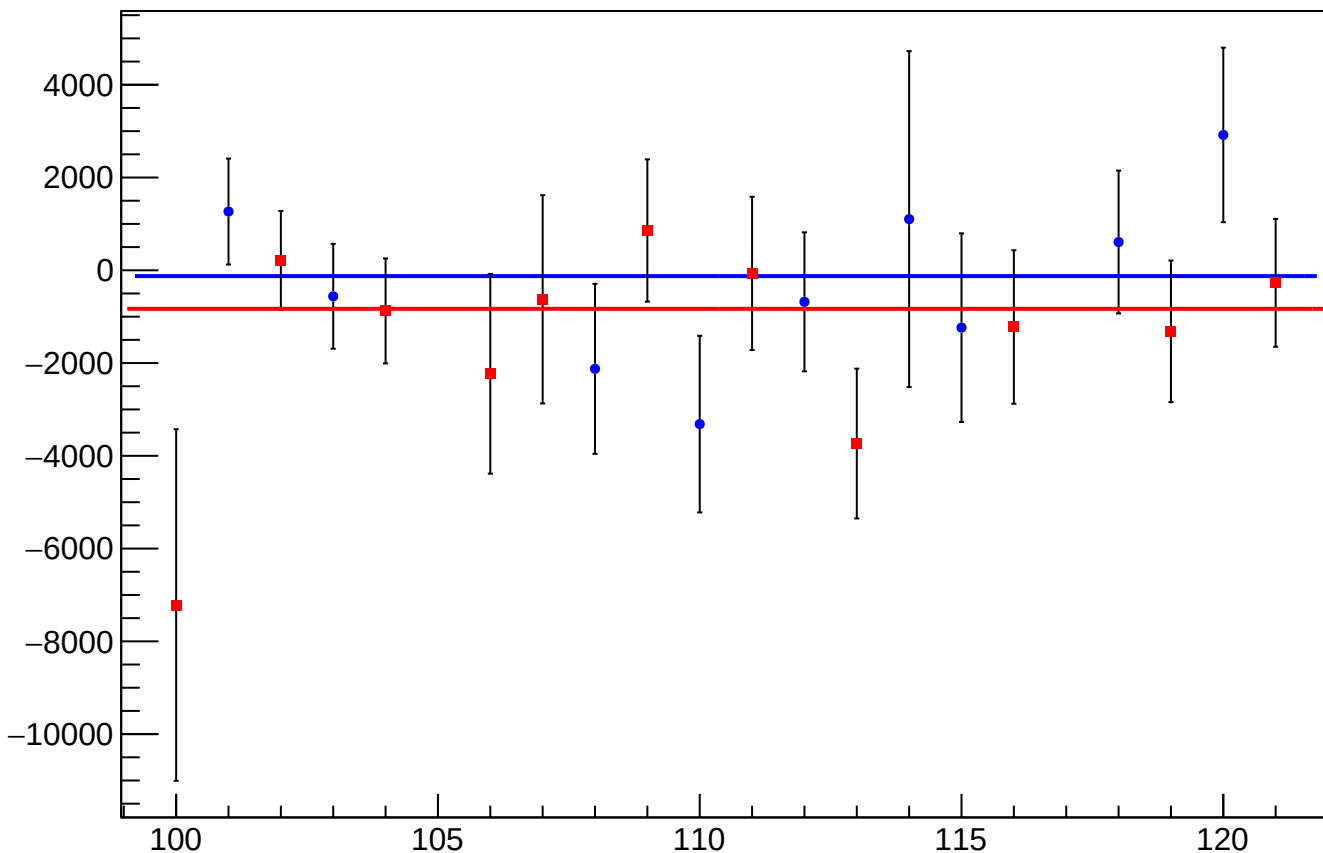
Right: 1378.433+/-0.355 χ^2/NDF : 956533.7/19

In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.433+/-0.355 χ^2/NDF : 956533.7/19

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -125.453+/-527.786 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -830.160+/-464.286 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

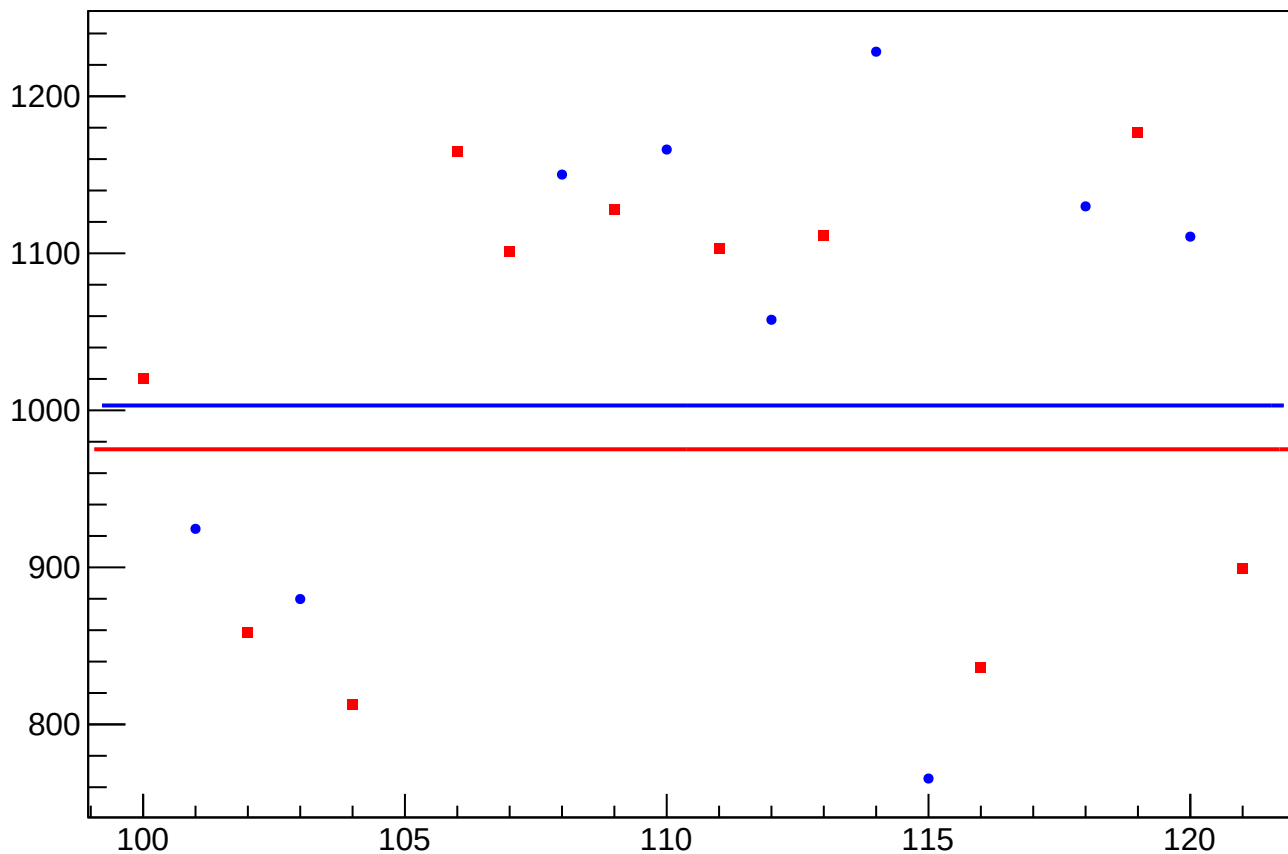
Right: -522.729+/-348.600 χ^2/NDF : 19.2/19

In: -125.453+/-527.786 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.729+/-348.600 χ^2/NDF : 19.2/19

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1003.095+/-0.373 χ^2/NDF : 118544.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 975.206+/-0.328 χ^2/NDF : 188276.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

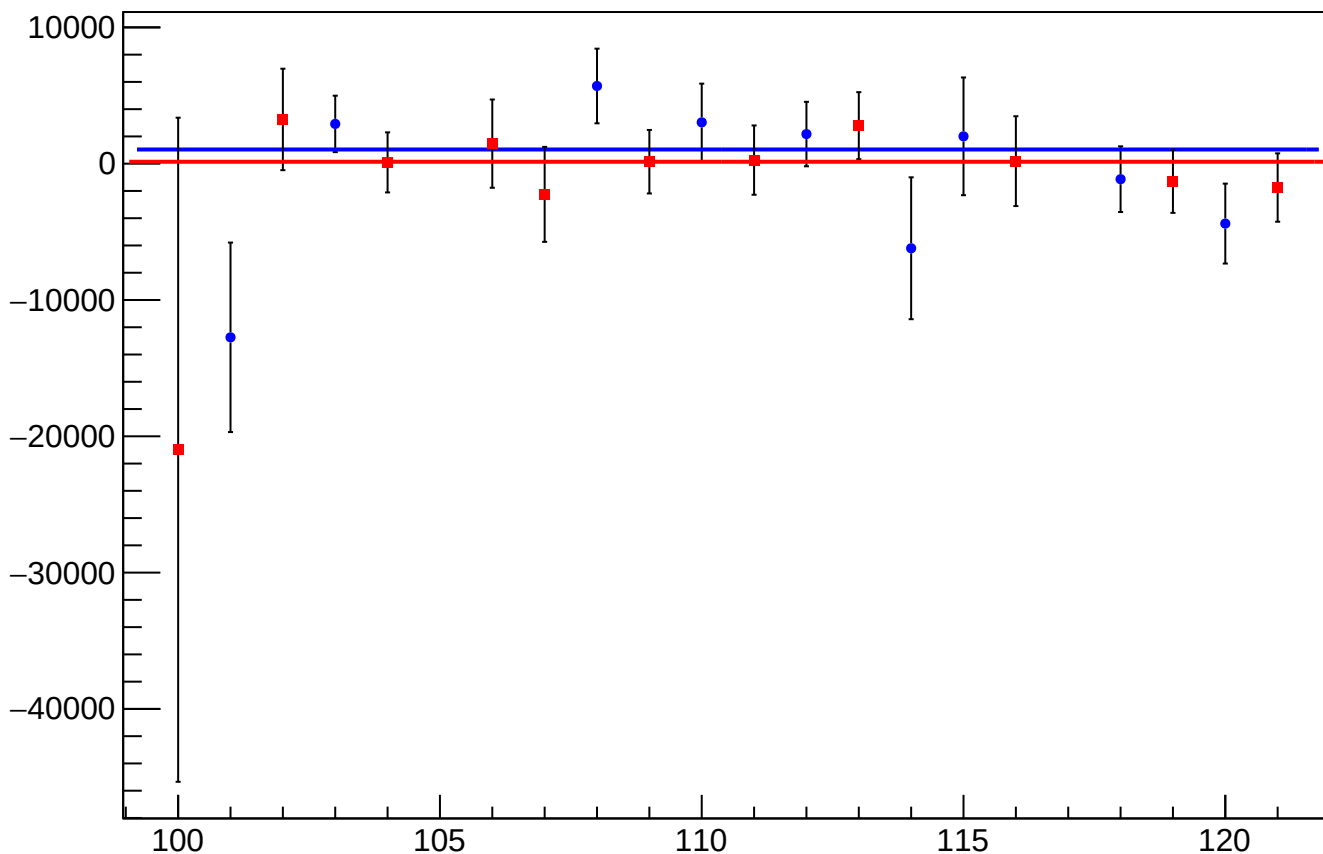
Right: 987.373+/-0.246 χ^2/NDF : 309968.3/19

In: 1003.095+/-0.373 χ^2/NDF : 118544.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.373+/-0.246 χ^2/NDF : 309968.3/19

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1041.425+/-967.020 χ^2/NDF : 14.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.279+/-845.133 χ^2/NDF : 4.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

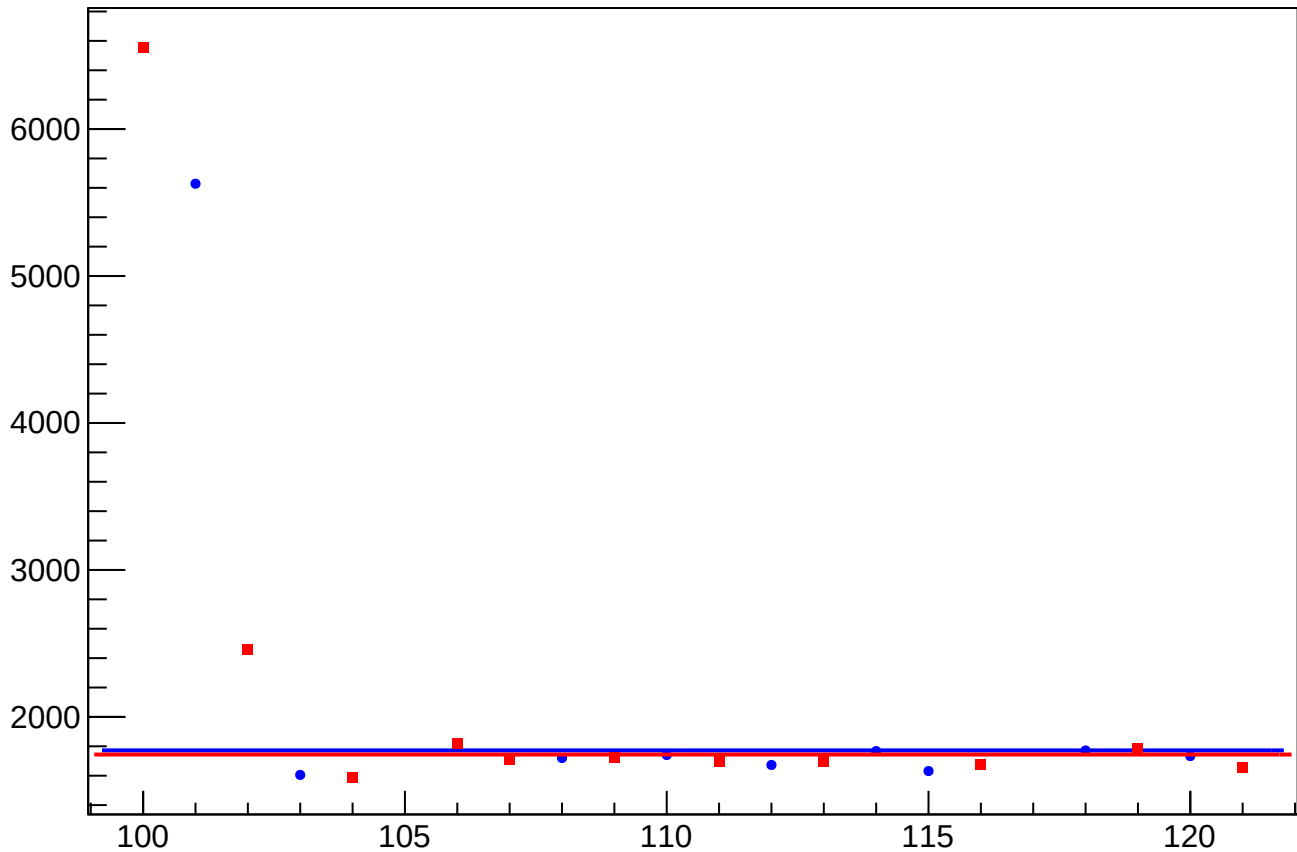
Right: 531.647+/-636.357 χ^2/NDF : 19.3/19

In: 1041.425+/-967.020 χ^2/NDF : 14.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.647+/-636.357 χ^2/NDF : 19.3/19

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1772.221+/-0.684 χ^2/NDF : 635423.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.012+/-0.598 χ^2/NDF : 168443.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

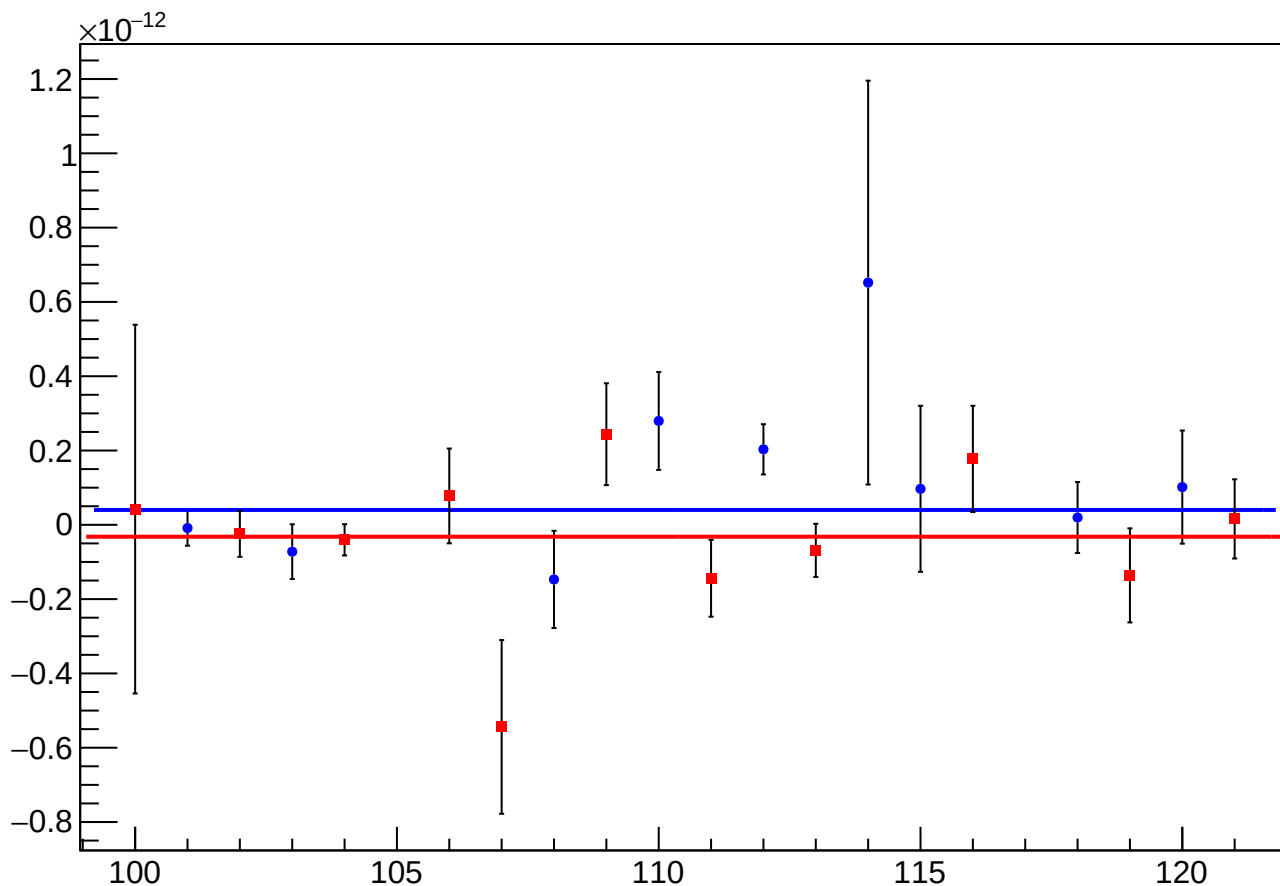
Right: 1756.228+/-0.450 χ^2/NDF : 804832.0/19

In: 1772.221+/-0.684 χ^2/NDF : 635423.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.228+/-0.450 χ^2/NDF : 804832.0/19

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 16.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 14.1/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

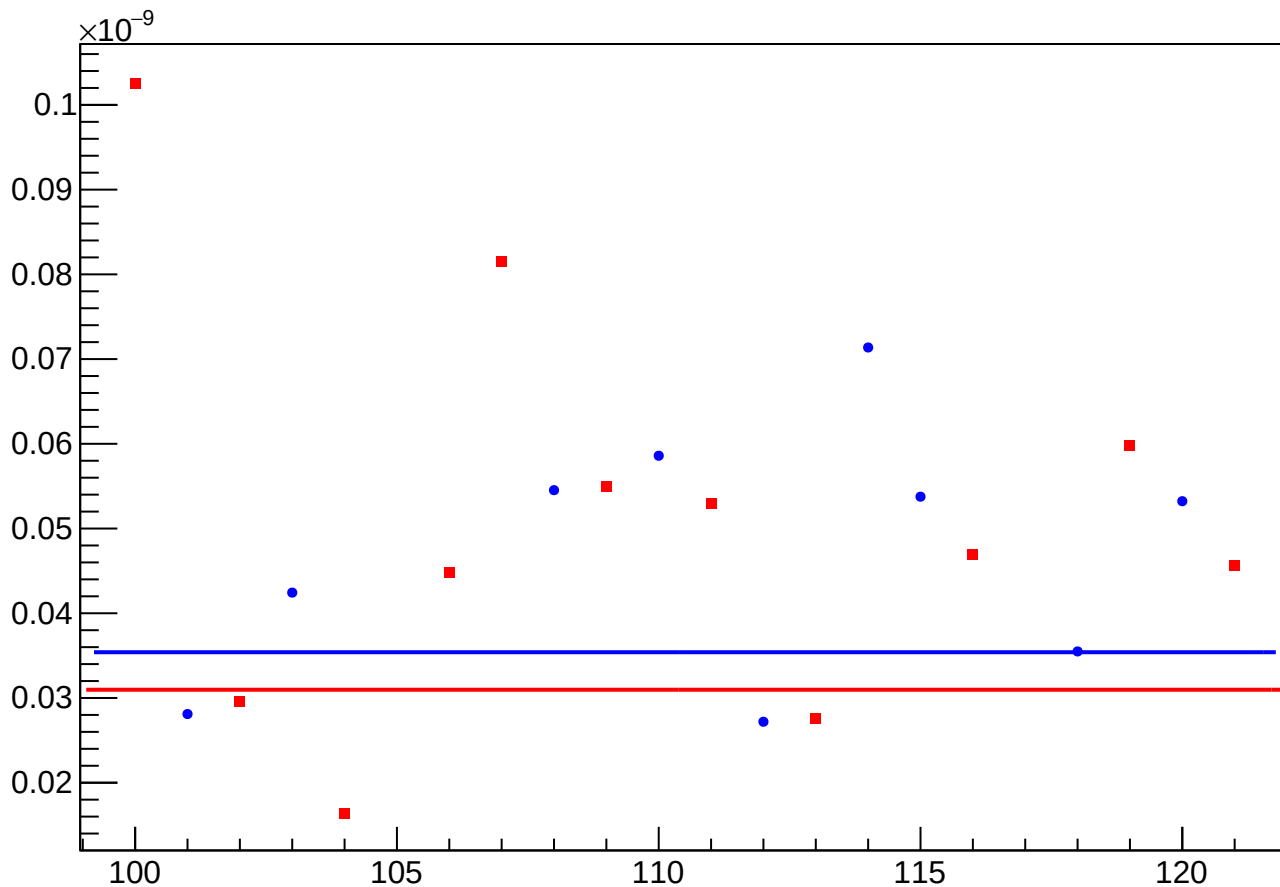
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 33.5/19

In: 0.000 $\pm$ 0.000 χ^2/NDF : 16.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 33.5/19

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 249110.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 723290.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

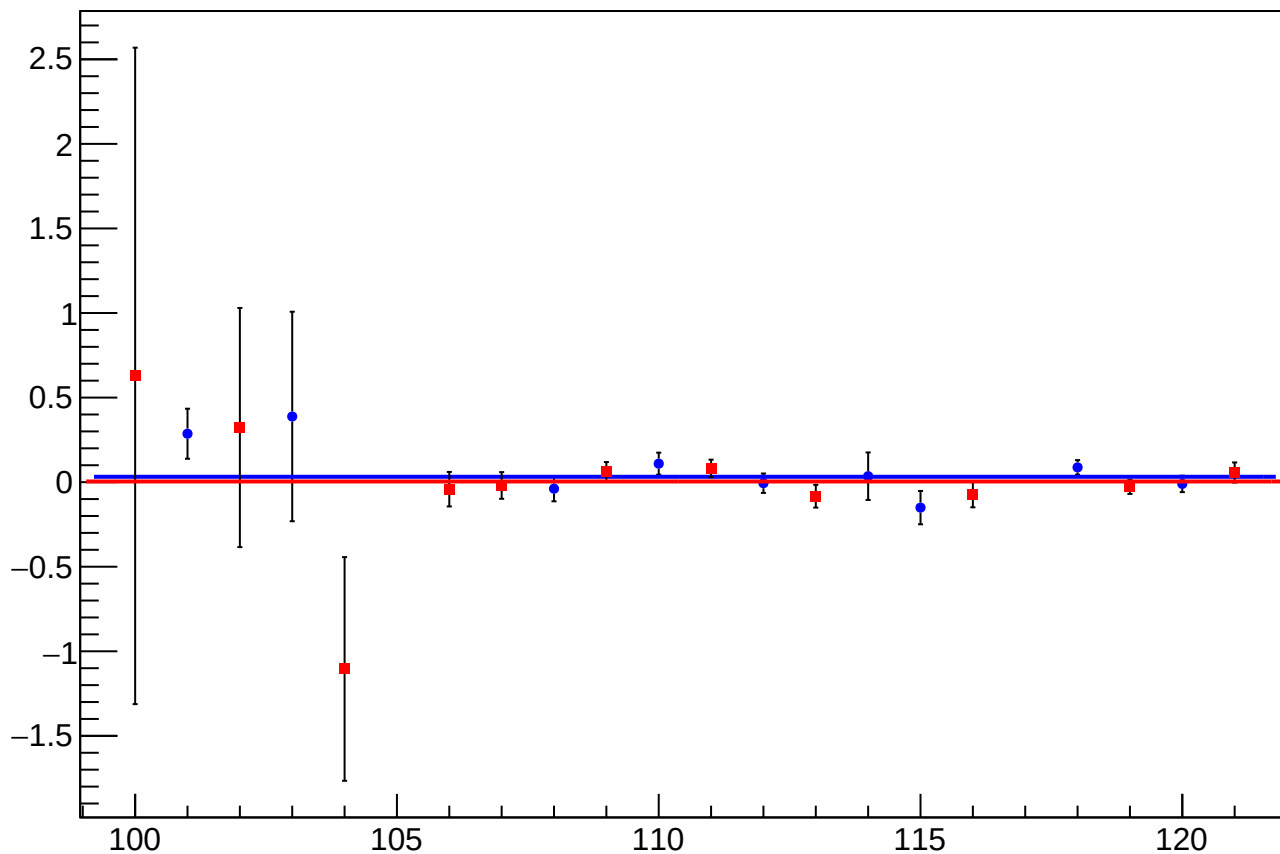
Right: 0.000+/-0.000 χ^2/NDF : 997391.9/19

In: 0.000+/-0.000 χ^2/NDF :249110.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 997391.9/19

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

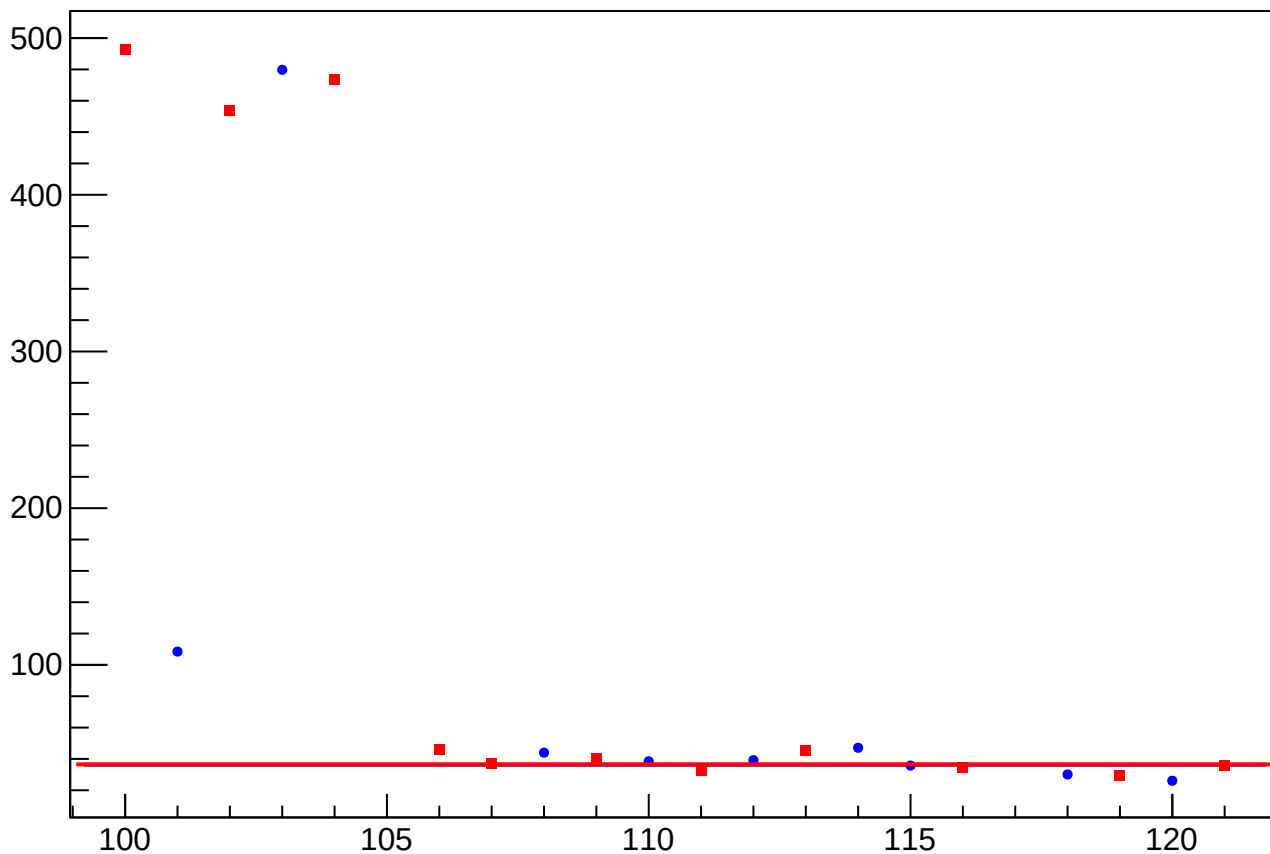
Right: 0.017+/-0.016 χ^2/NDF : 23.4/19

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.016 χ^2/NDF : 23.4/19

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.487+/-0.015 χ^2/NDF : 1807248.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

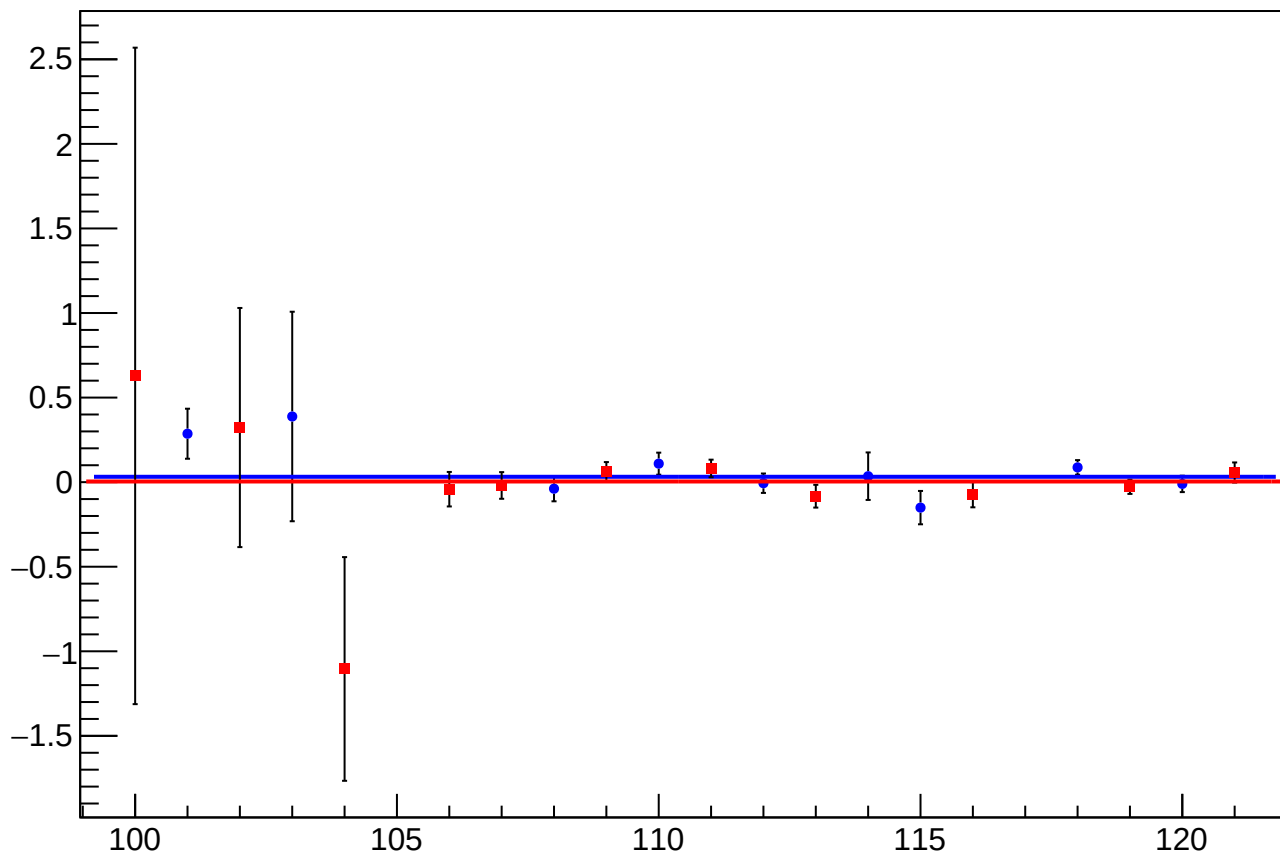
Right: 36.406+/-0.011 χ^2/NDF : 3480232.2/19

In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.406+/-0.011 χ^2/NDF : 3480232.2/19

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

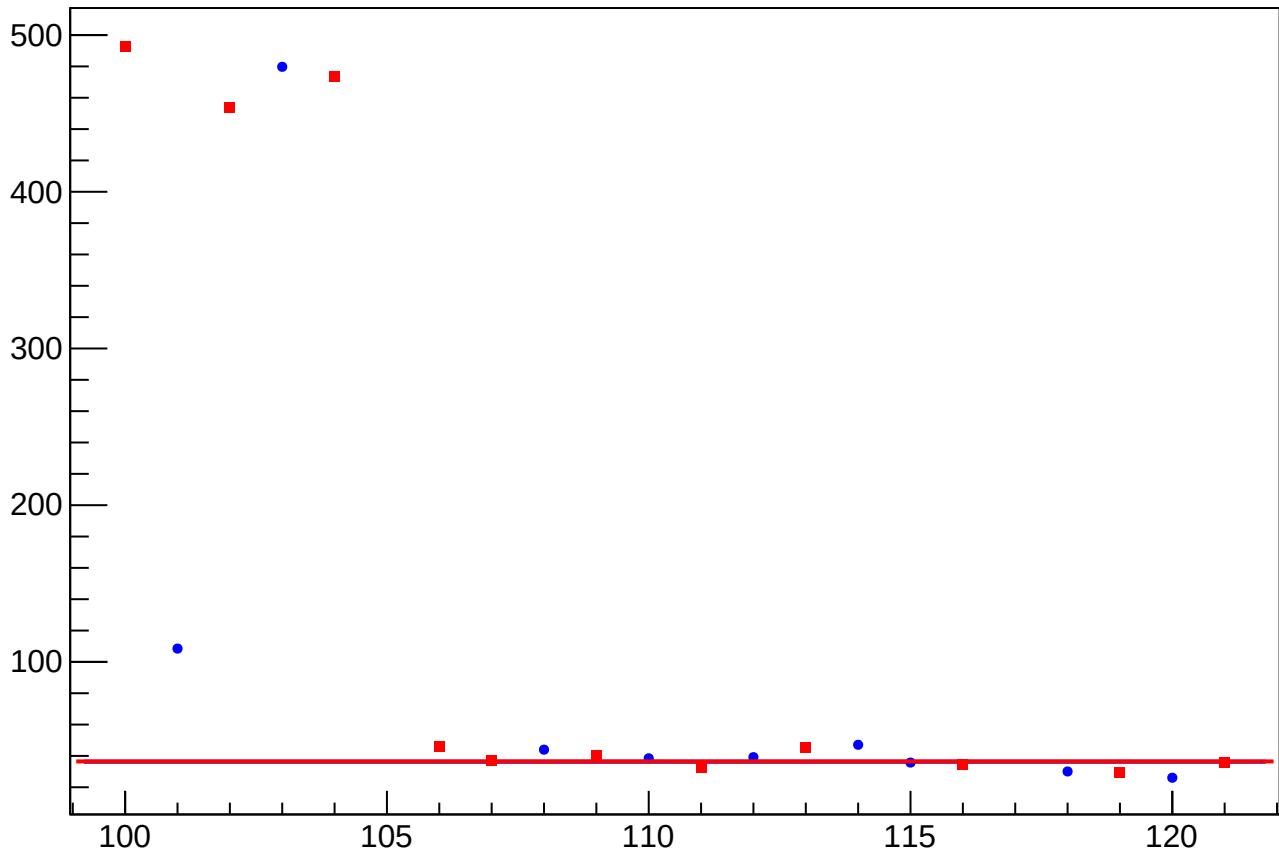
Right: 0.017+/-0.016 χ^2/NDF : 23.4/19

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.016 χ^2/NDF : 23.4/19

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.487+/-0.015 χ^2/NDF : 1807248.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

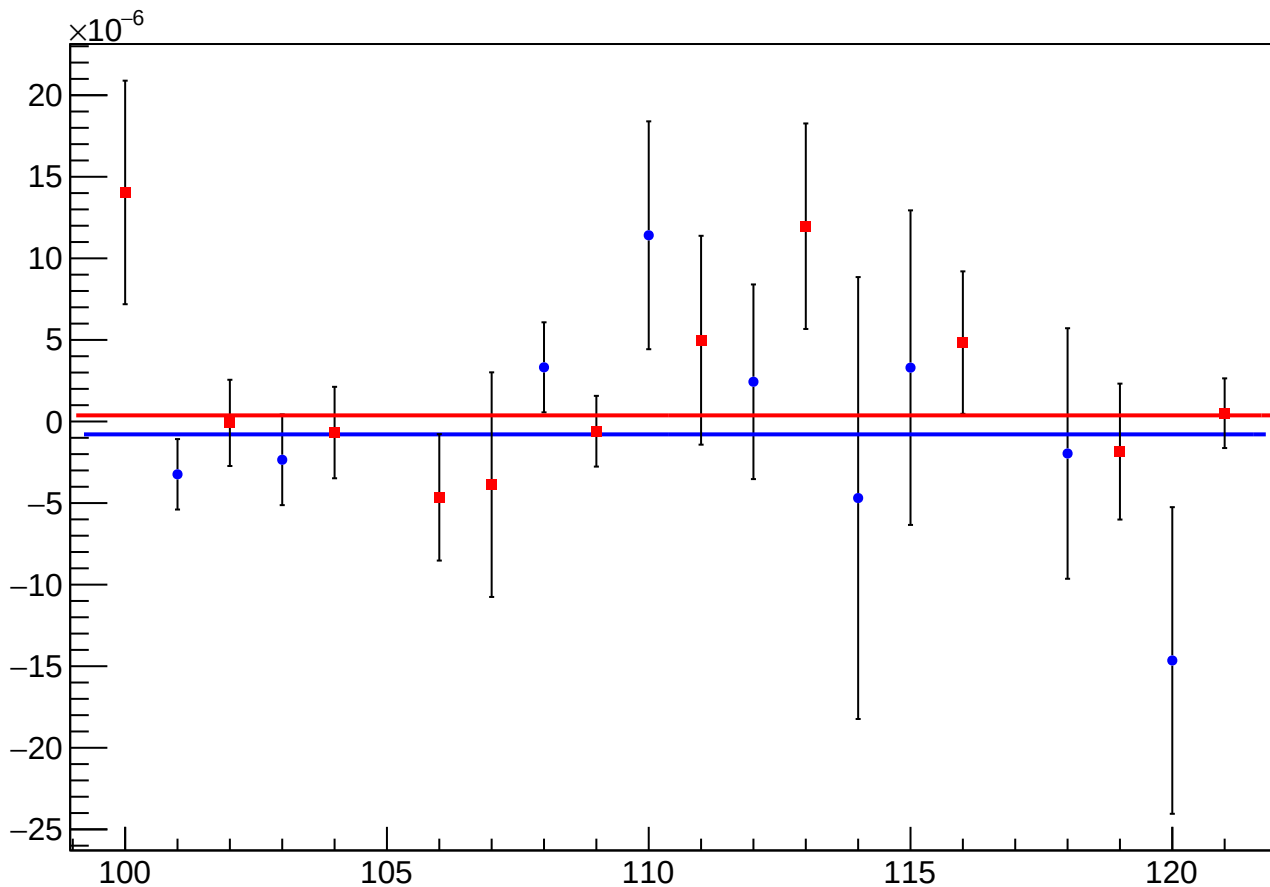
Right: 36.406+/-0.011 χ^2/NDF : 3480232.2/19

In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.406+/-0.011 χ^2/NDF : 3480232.2/19

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

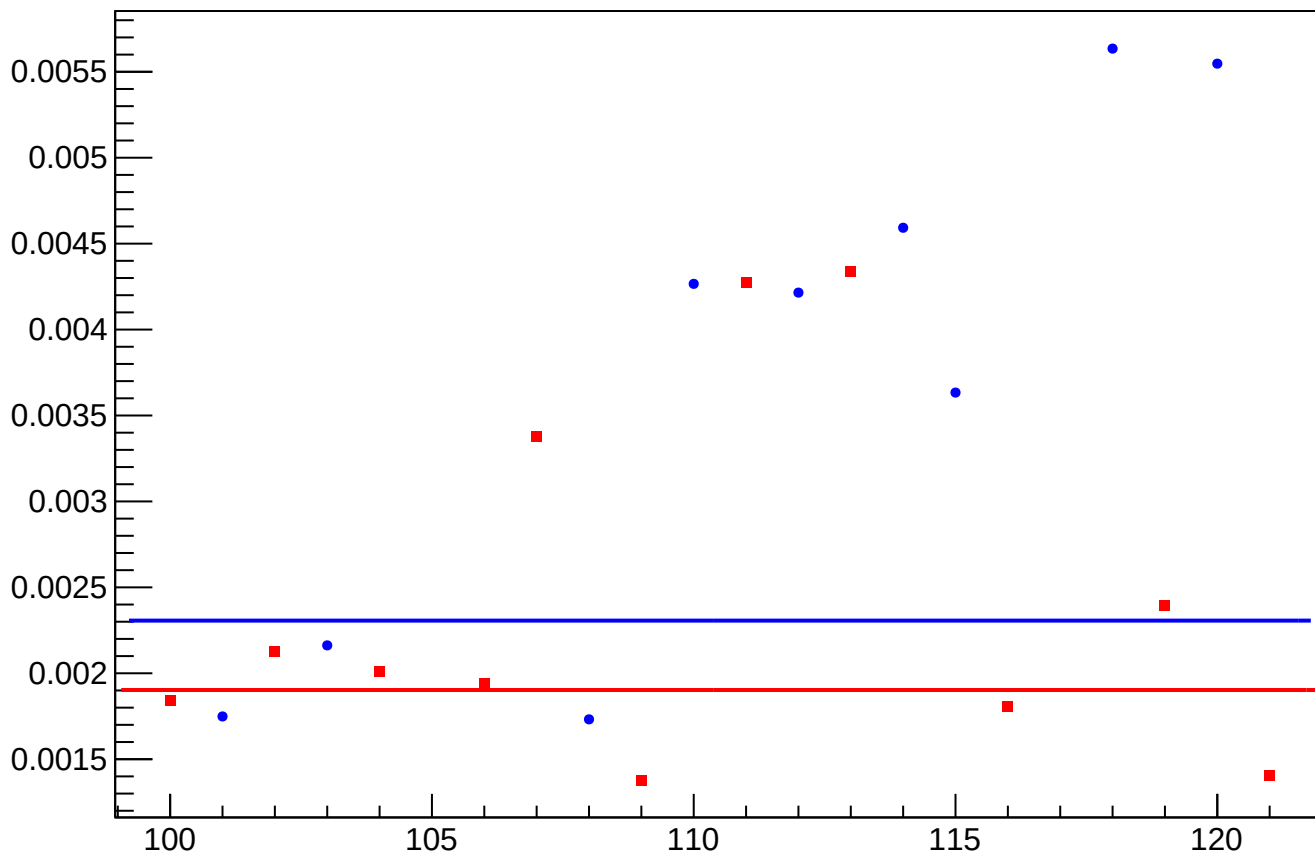
Right: -0.000+/-0.000 χ^2/NDF : 21.8/19

In: -0.000+/-0.000 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/19

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1296088.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 939367.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

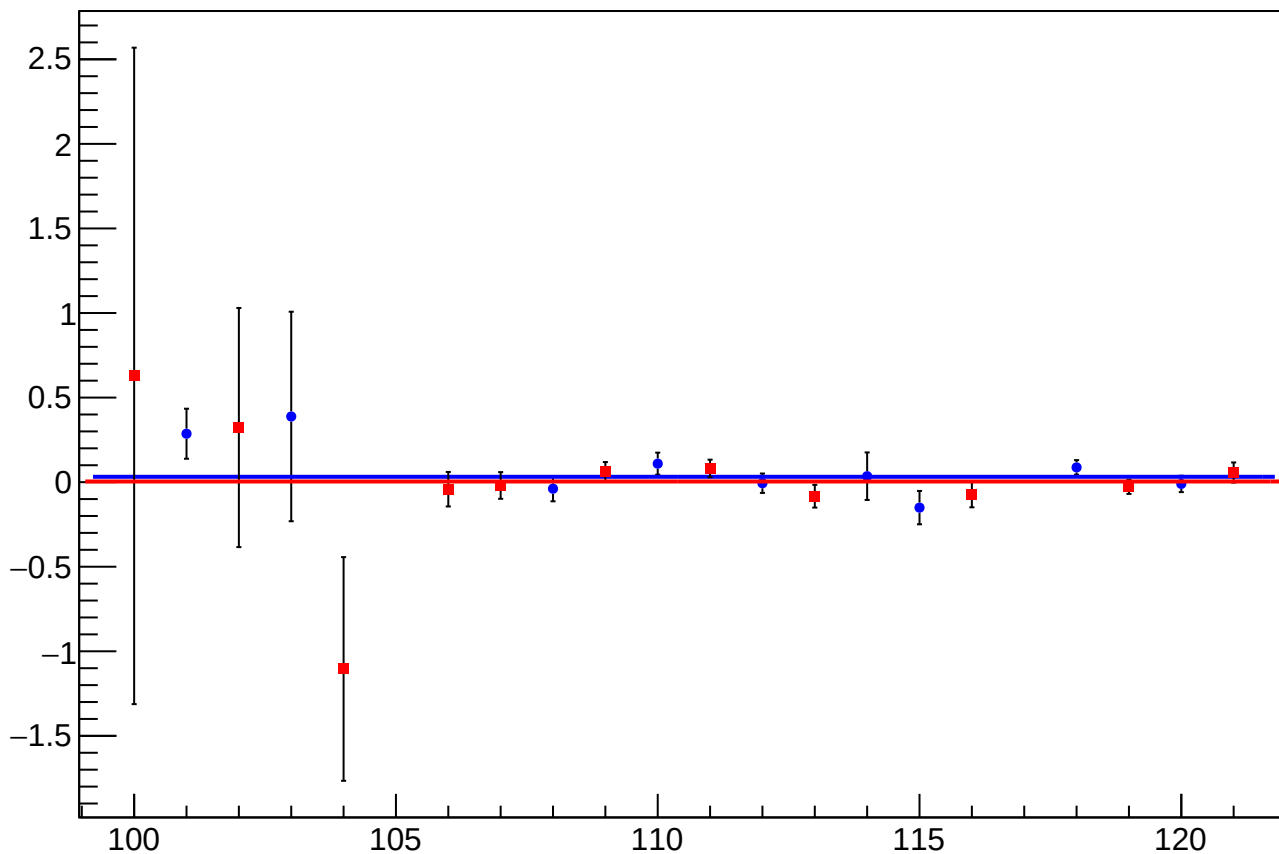
Right: 0.002+/-0.000 χ^2/NDF : 2352410.8/19

In: 0.002+/-0.000 χ^2/NDF : 1296088.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2352410.8/19

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

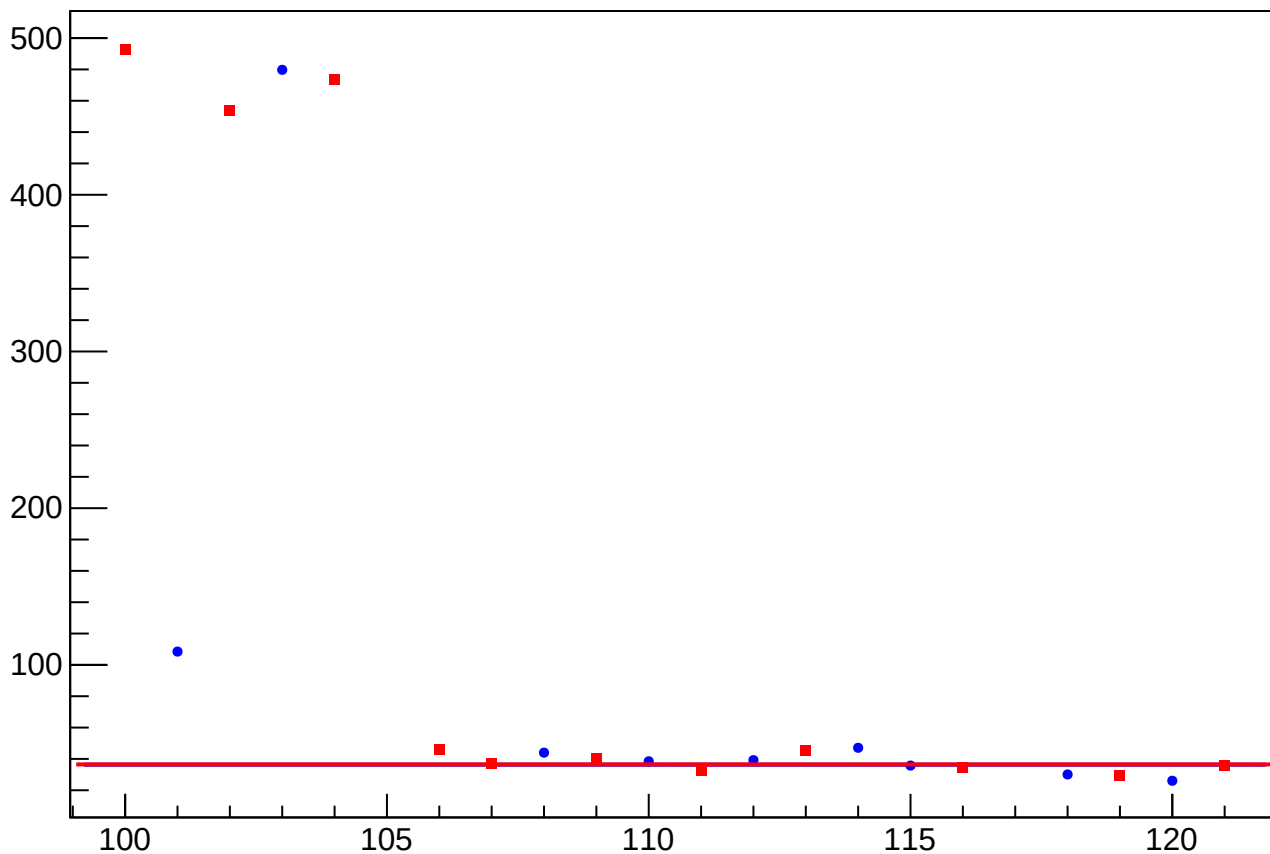
Right: 0.017+/-0.016 χ^2/NDF : 23.4/19

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.016 χ^2/NDF : 23.4/19

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.485+/-0.015 χ^2/NDF : 1807313.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

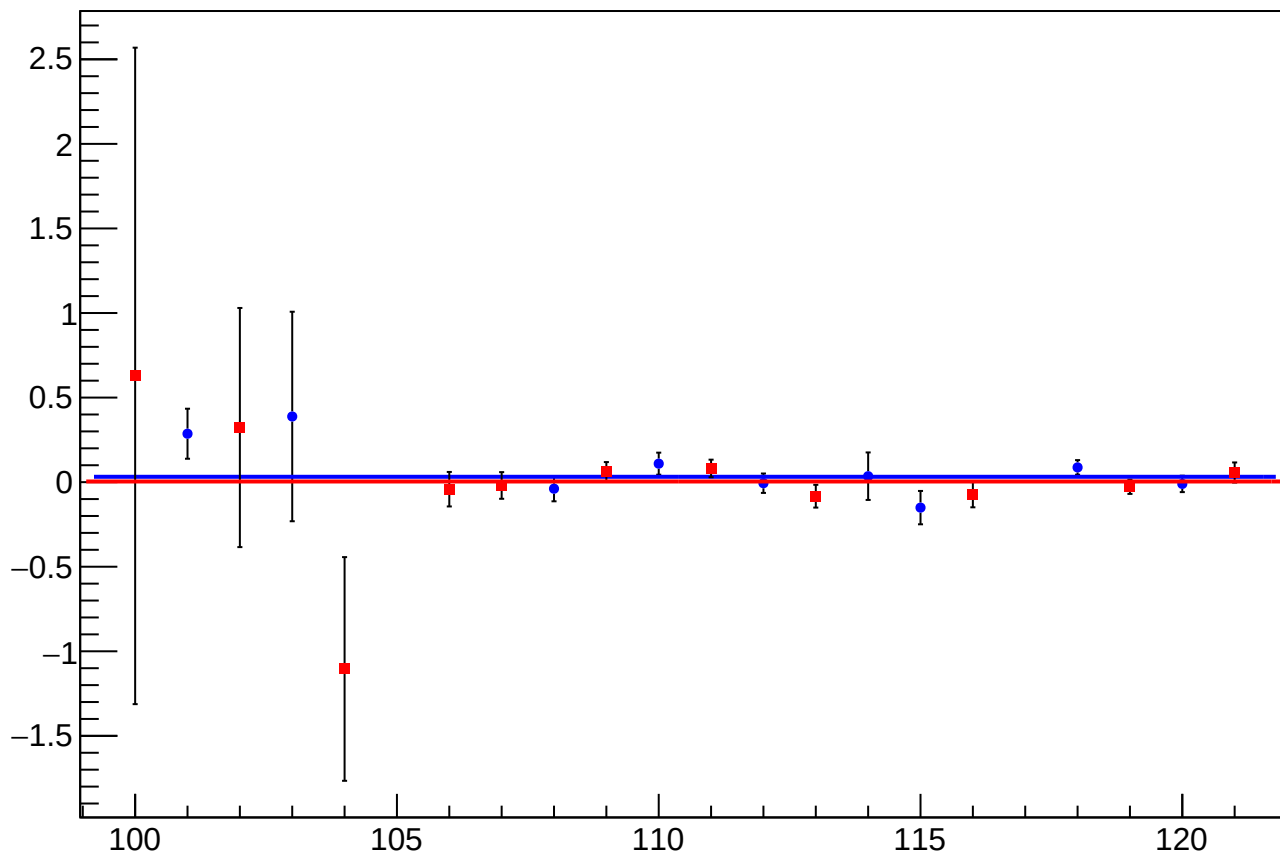
Right: 36.405+/-0.011 χ^2/NDF : 3480307.7/19

In: 36.311+/-0.016 χ^2/NDF :1672932.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.405+/-0.011 χ^2/NDF : 3480307.7/19

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

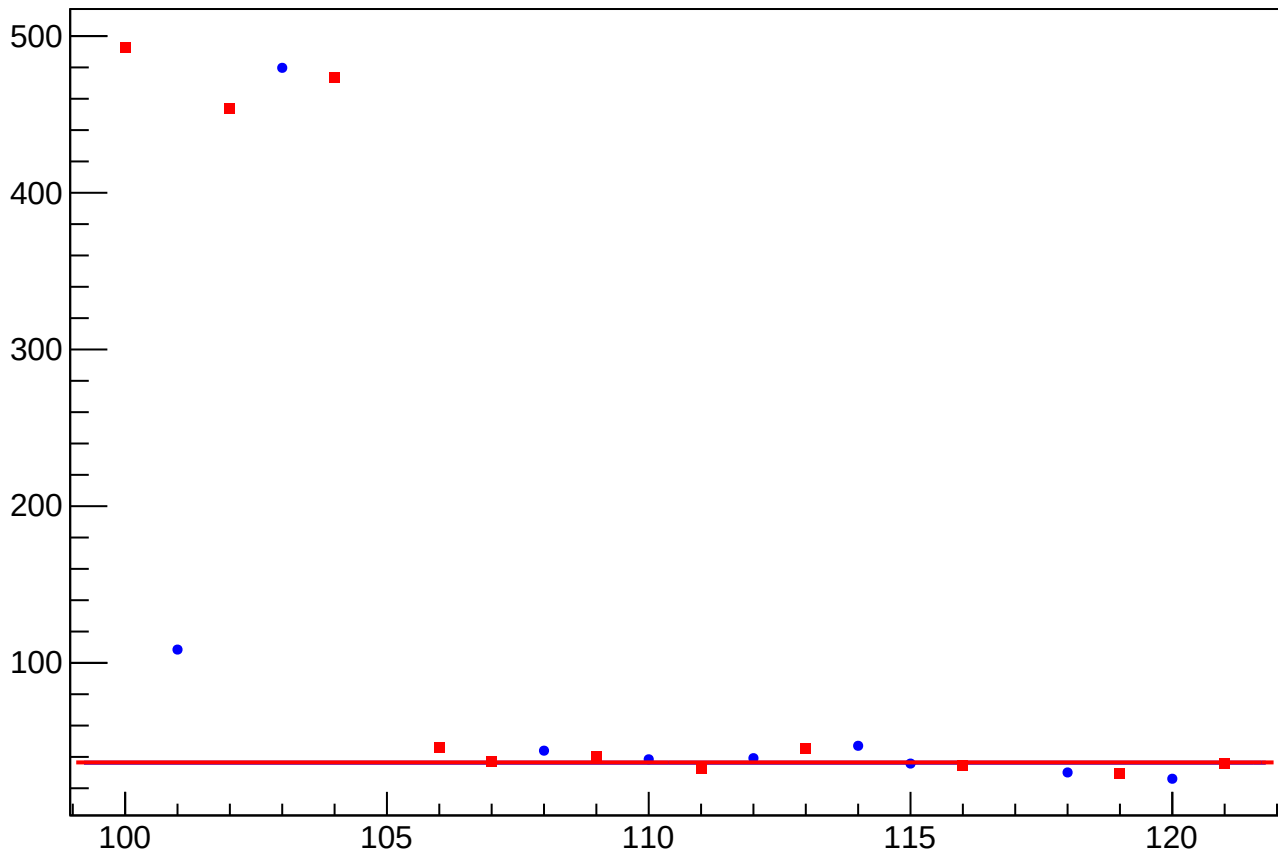
Right: 0.017+/-0.016 χ^2/NDF : 23.4/19

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.016 χ^2/NDF : 23.4/19

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.485+/-0.015 χ^2/NDF : 1807313.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

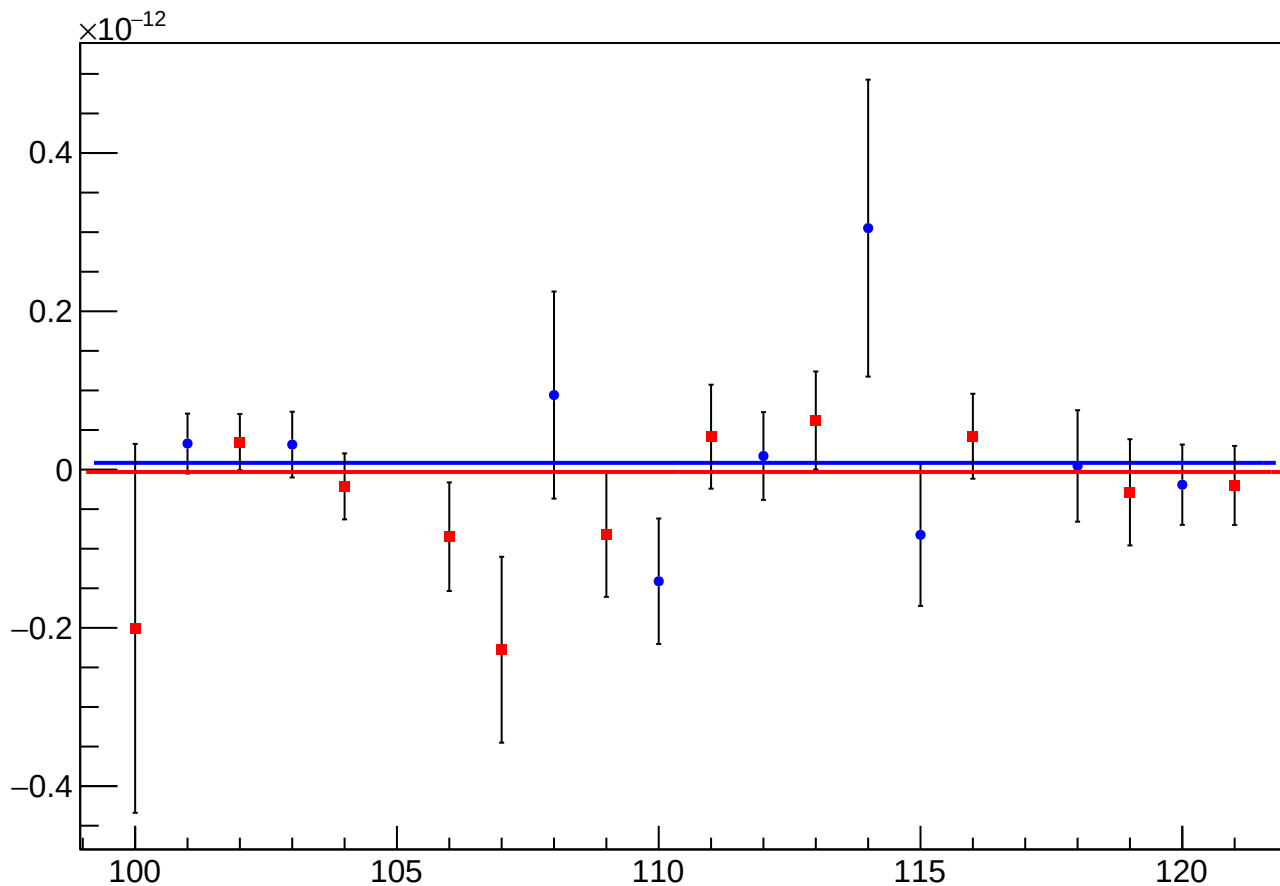
Right: 36.405+/-0.011 χ^2/NDF : 3480307.7/19

In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.405+/-0.011 χ^2/NDF : 3480307.7/19

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

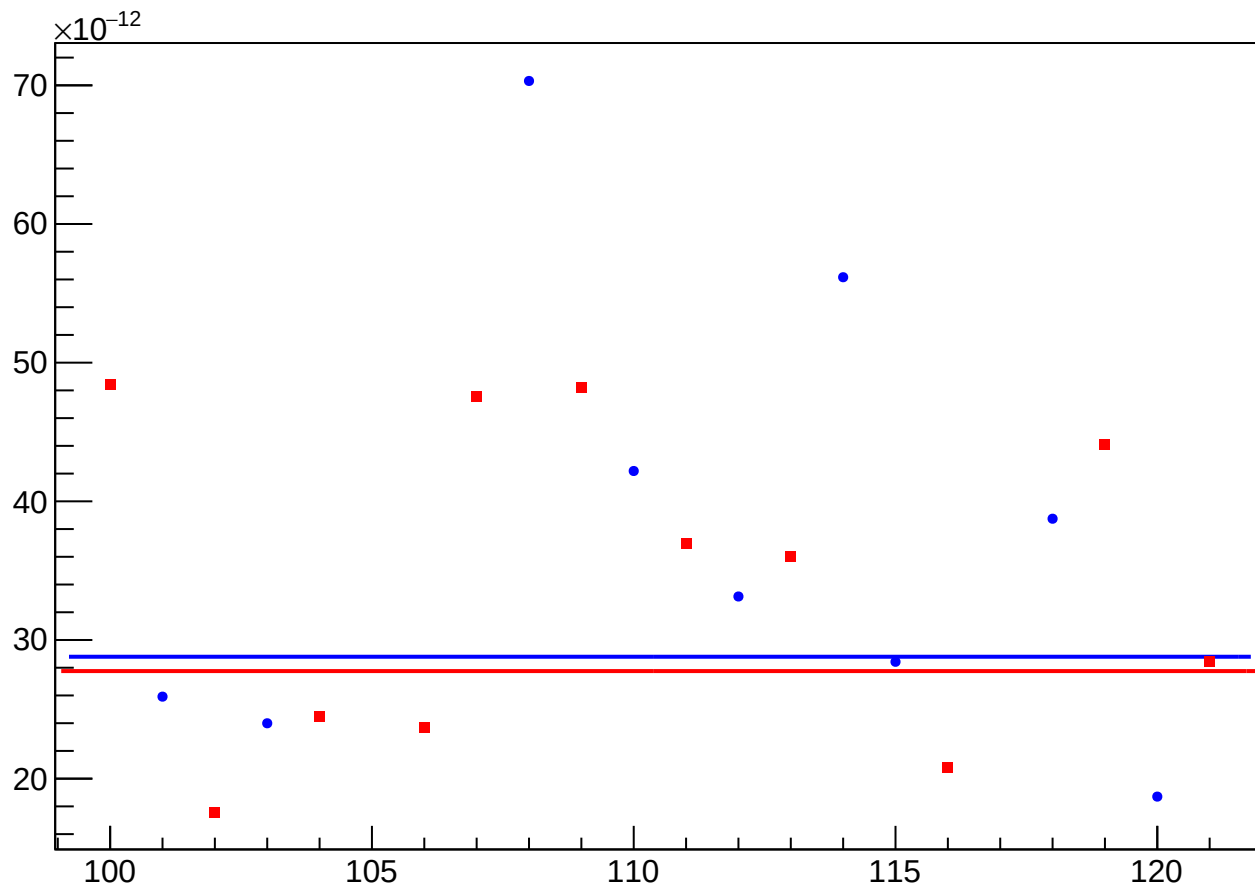
Right: 0.000+/-0.000 χ^2/NDF : 19.4/19

In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.4/19

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 470609.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 620539.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

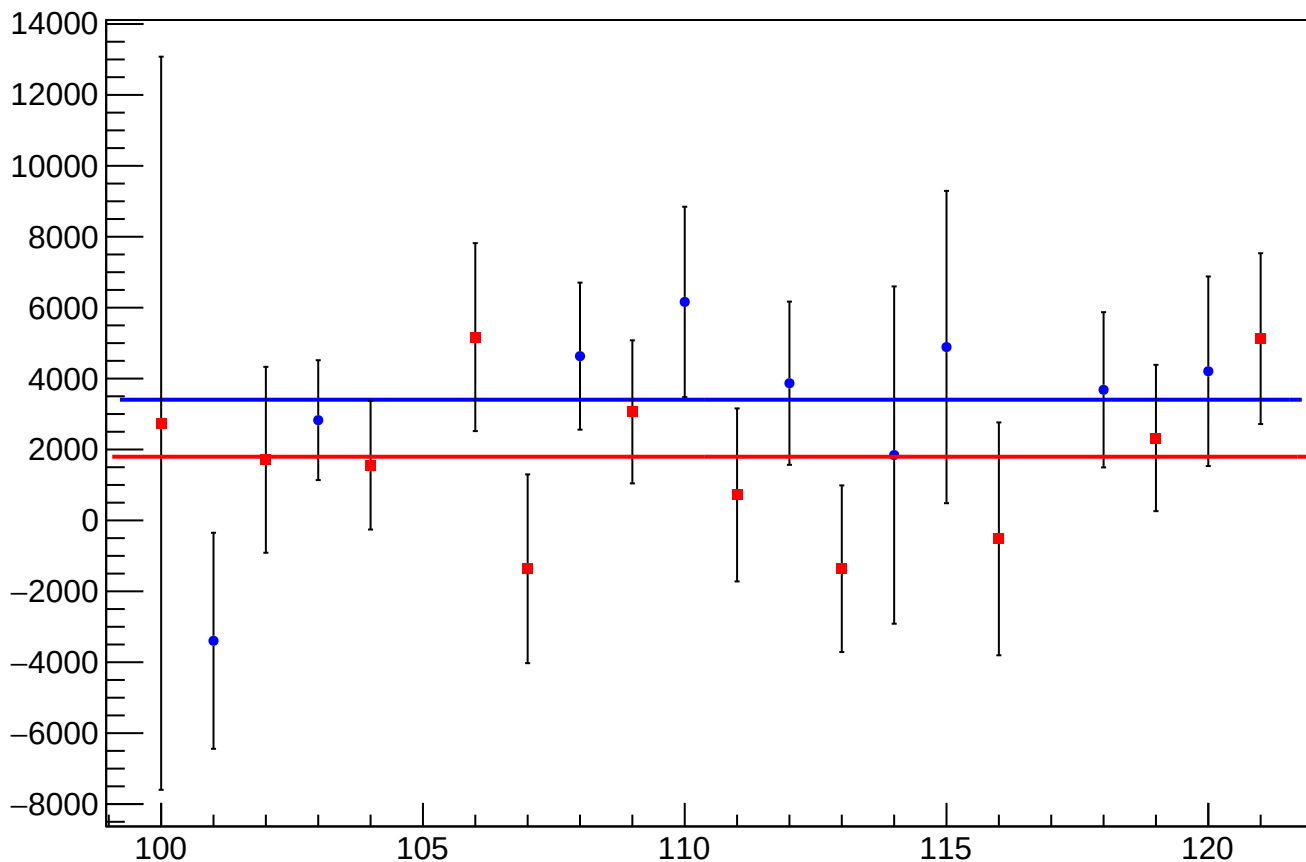
Right: 0.000+/-0.000 χ^2/NDF : 1094235.4/19

In: 0.000+/-0.000 χ^2/NDF : 470609.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1094235.4/19

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3404.054+/-826.969 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1795.686+/-737.886 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

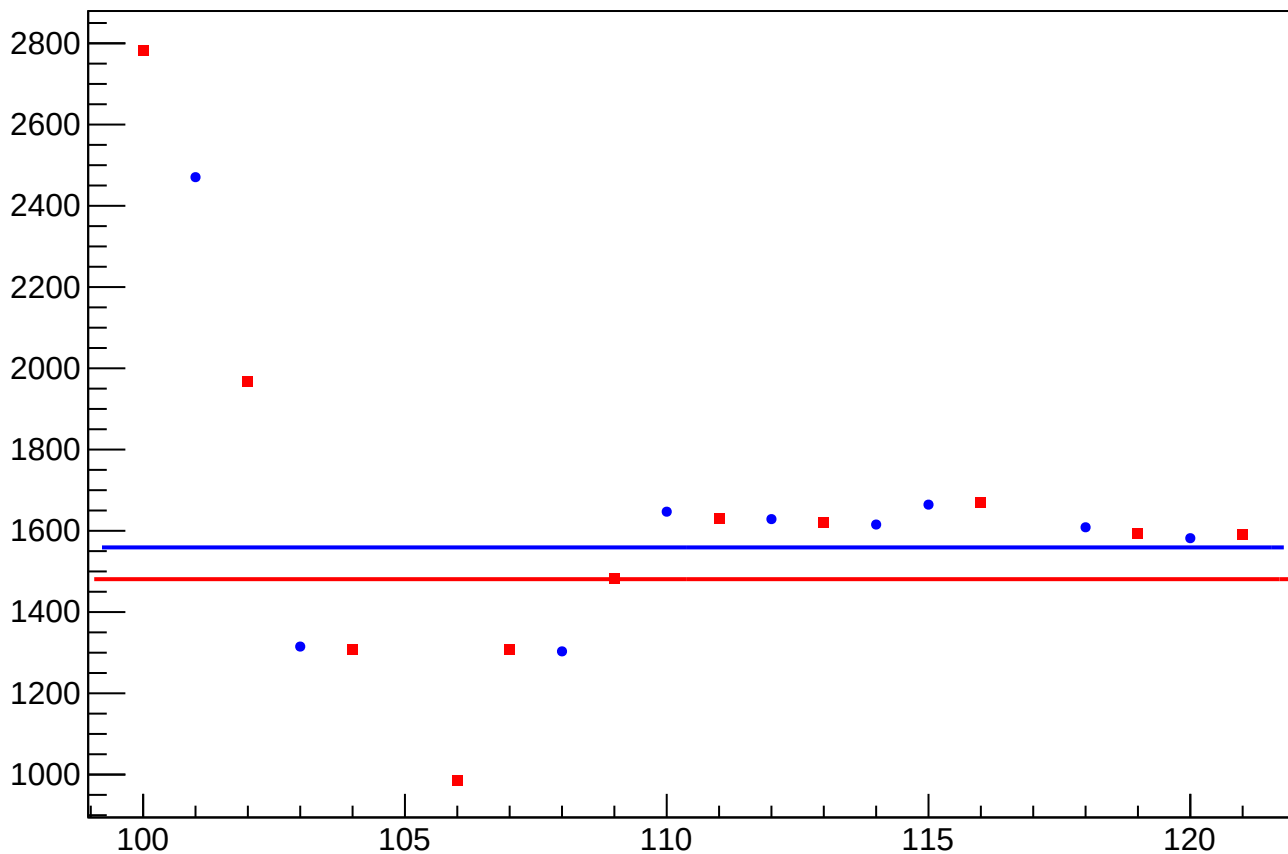
Right: 2508.606+/-550.575 χ^2/NDF : 16.9/19

In: 3404.054+/-826.969 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.606+/-550.575 χ^2/NDF : 16.9/19

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1559.168+/-0.585 χ^2/NDF : 257681.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1480.973+/-0.508 χ^2/NDF : 276563.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

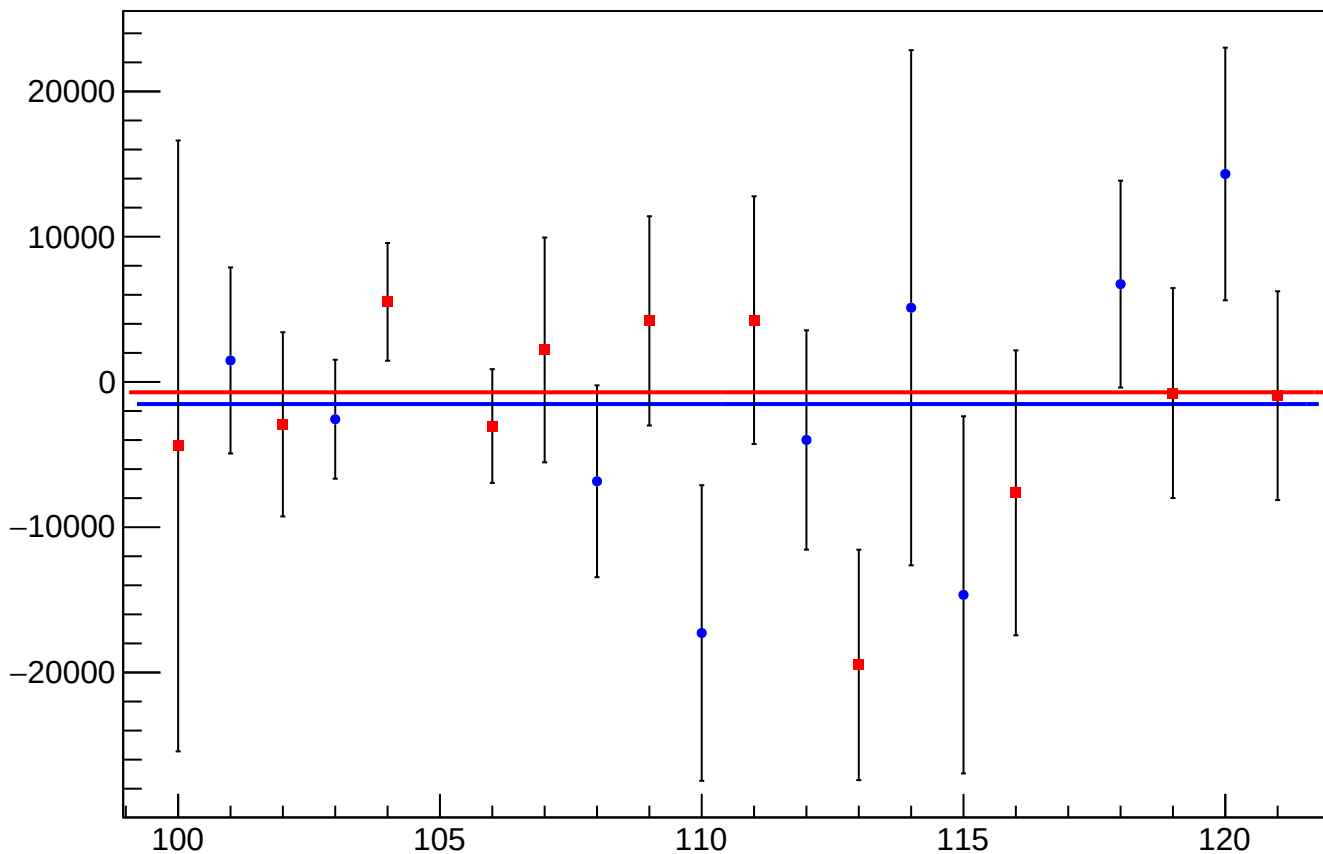
Right: 1514.623+/-0.384 χ^2/NDF : 544431.1/19

In: 1559.168+/-0.585 χ^2/NDF : 257681.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1514.623+/-0.384 χ^2/NDF : 544431.1/19

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1521.740+/-2377.221 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -711.324+/-1932.796 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

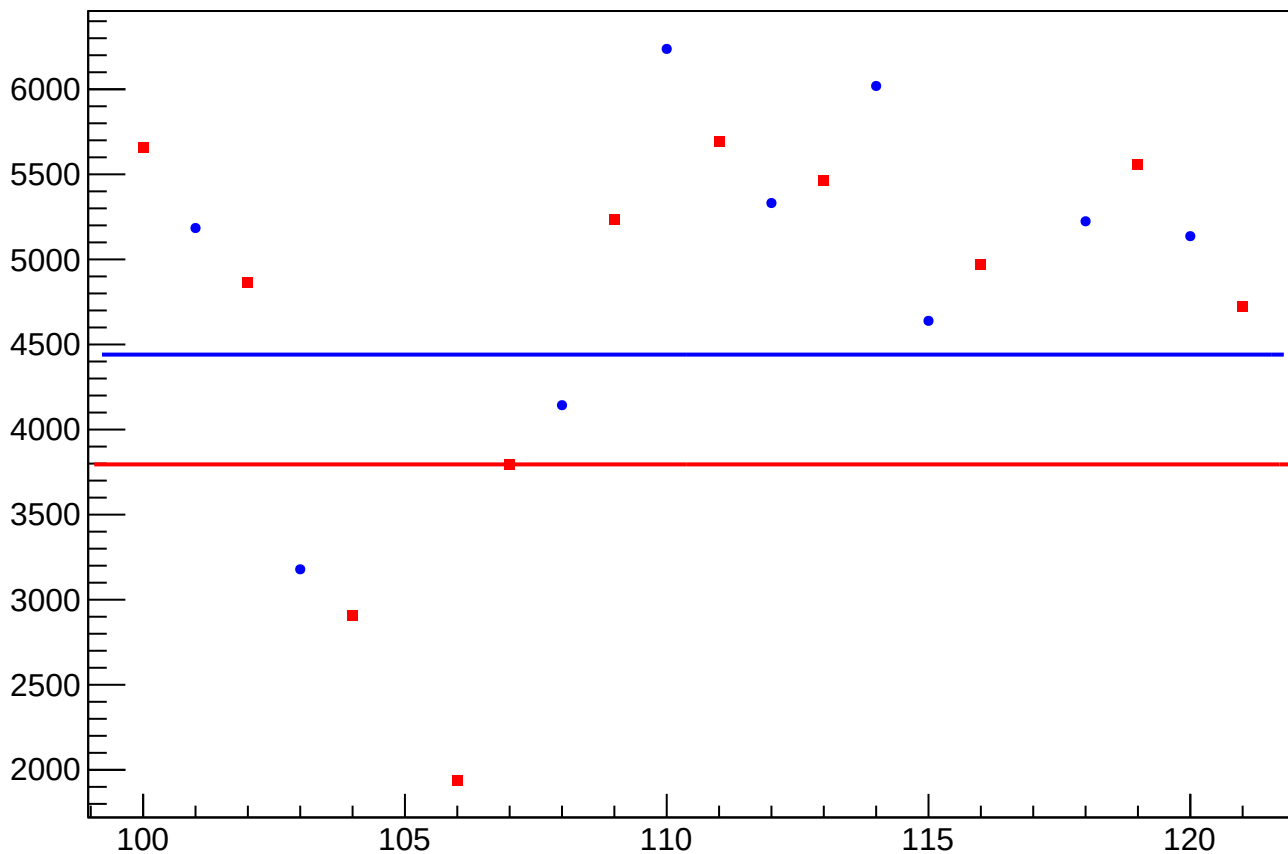
Right: -1033.845+/-1499.667 χ^2/NDF : 19.4/19

In: -1521.740+/-2377.221 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1033.845+/-1499.667 χ^2/NDF : 19.4/19

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4440.613+/-1.681 χ^2/NDF : 364718.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3795.284+/-1.367 χ^2/NDF : 1066802.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

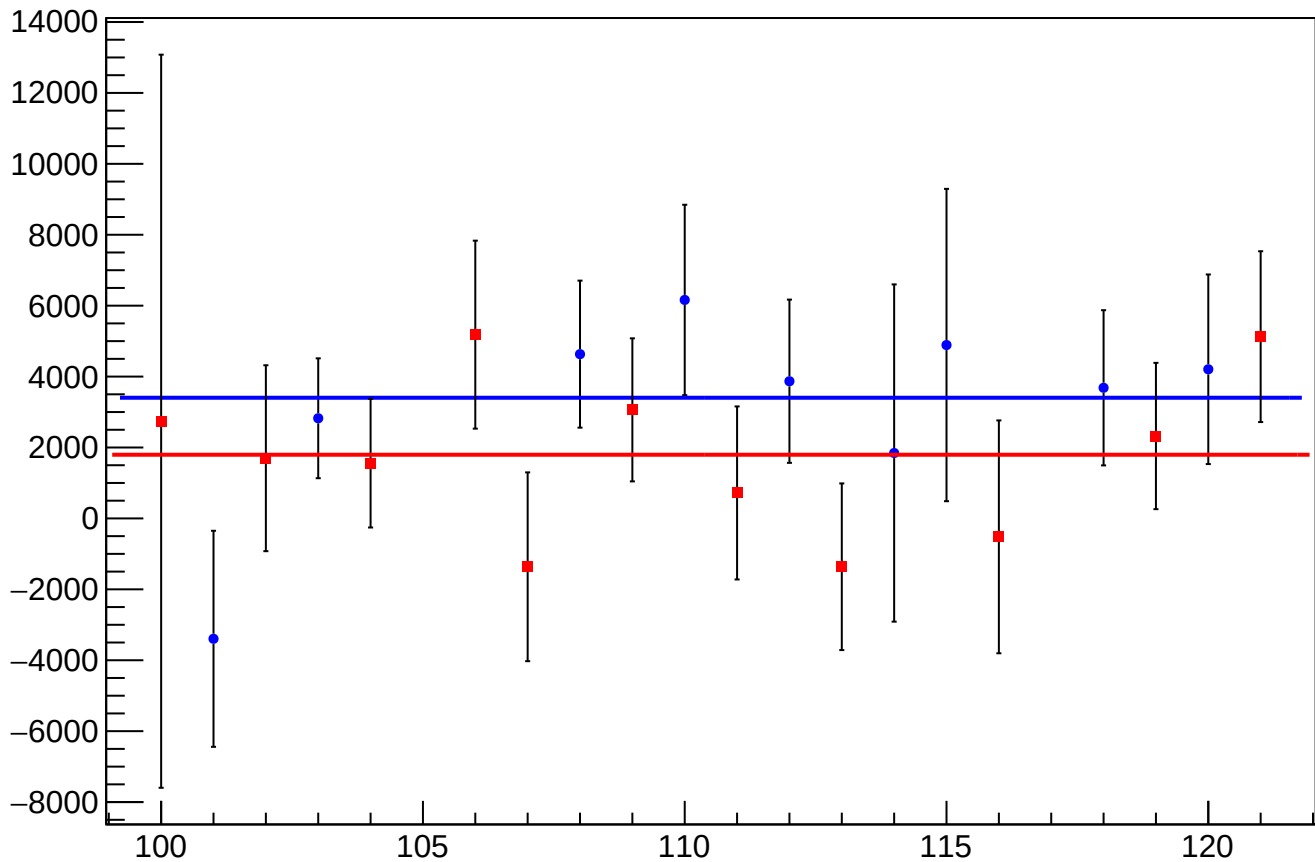
Right: 4052.106+/-1.060 χ^2/NDF : 1520251.2/19

In: 4440.613+/-1.681 χ^2/NDF : 364718.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4052.106+/-1.060 χ^2/NDF : 1520251.2/19

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1795.815+/-737.892 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

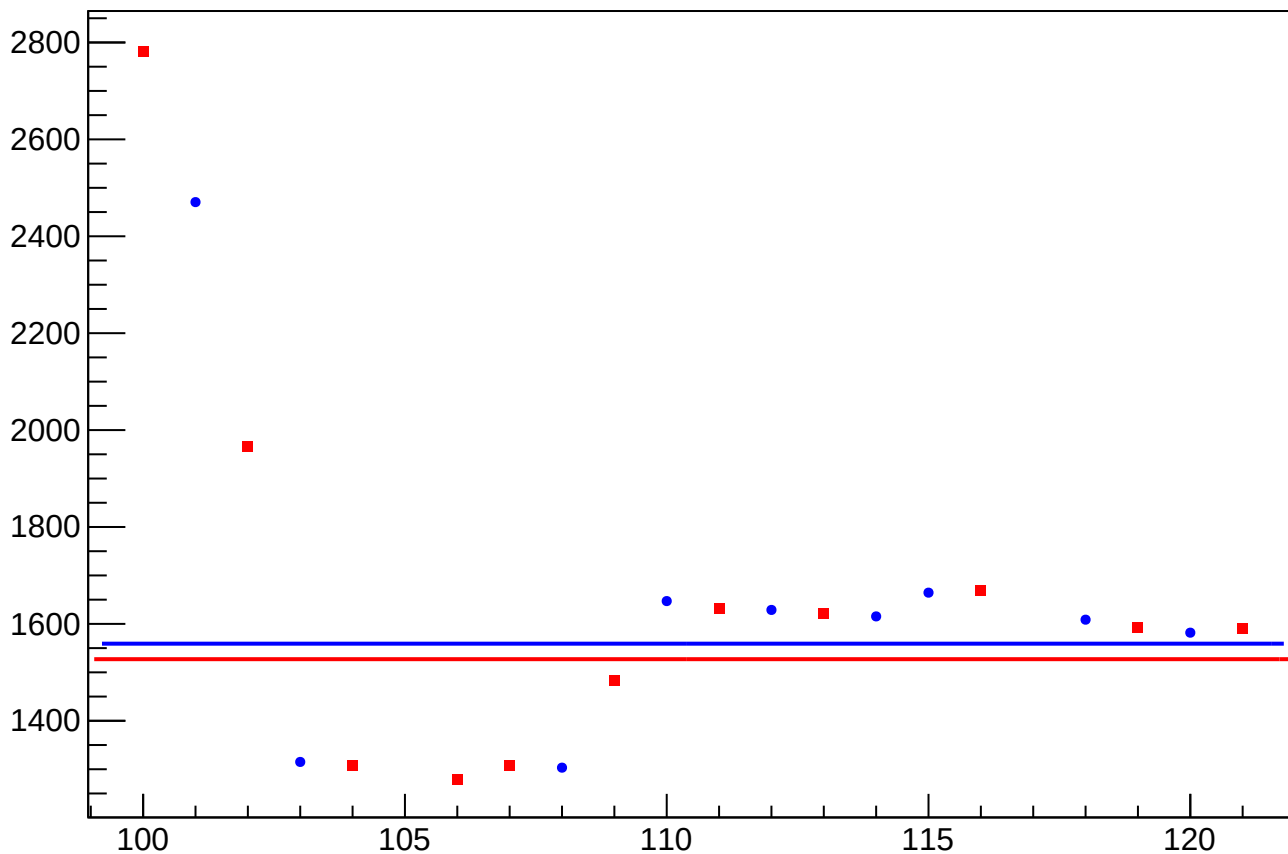
Right: 2508.402+/-550.578 χ^2/NDF : 16.9/19

In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.402+/-550.578 χ^2/NDF : 16.9/19

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.165+/-0.519 χ^2/NDF : 164029.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

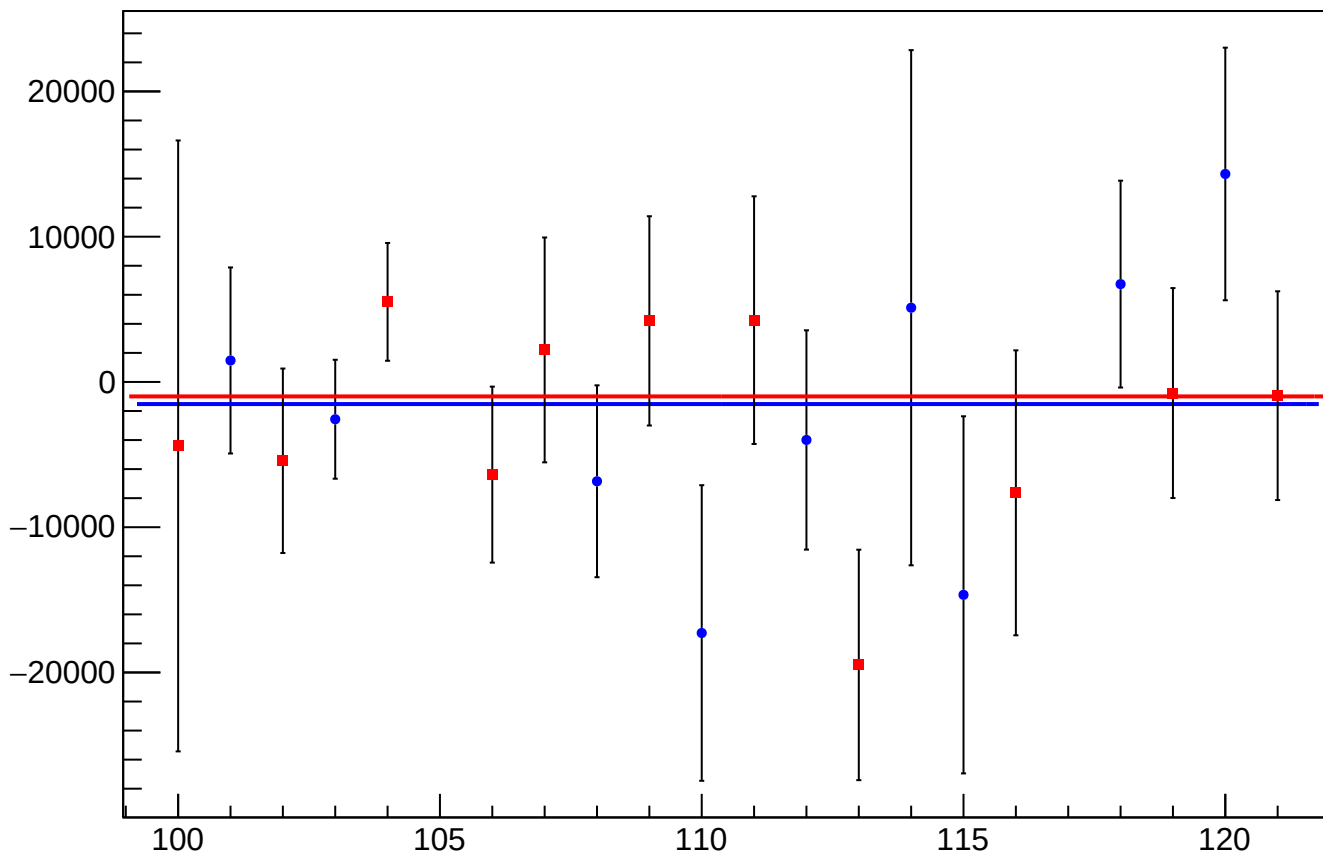
Right: 1541.253+/-0.388 χ^2/NDF : 423386.6/19

In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1541.253+/-0.388 χ^2/NDF : 423386.6/19

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.971+/-2086.607 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

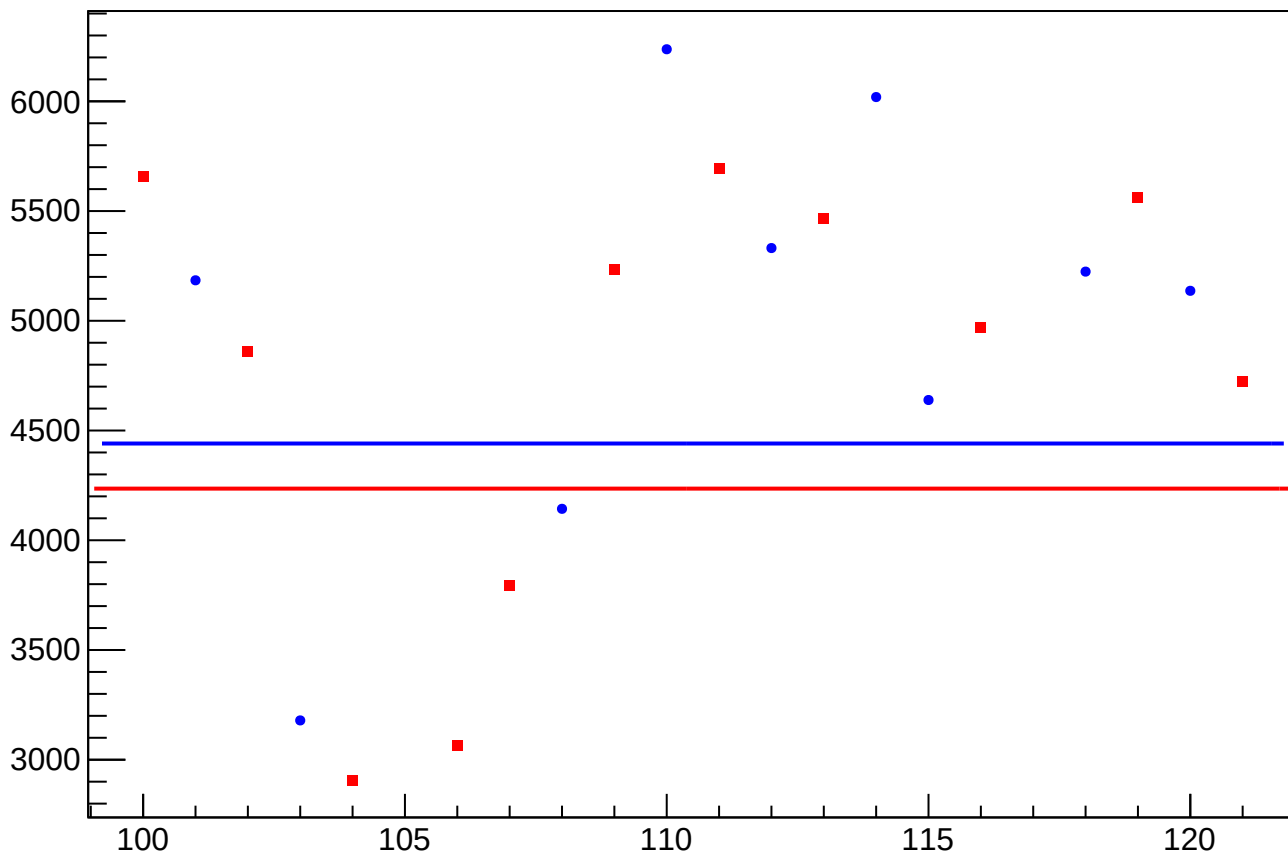
Right: -1224.398+/-1568.216 χ^2/NDF : 20.3/19

In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1224.398+/-1568.216 χ^2/NDF : 20.3/19

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4440.817 $\pm$ 1.681 χ^2 /NDF: 364574.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4235.316 $\pm$ 1.475 χ^2 /NDF: 557141.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

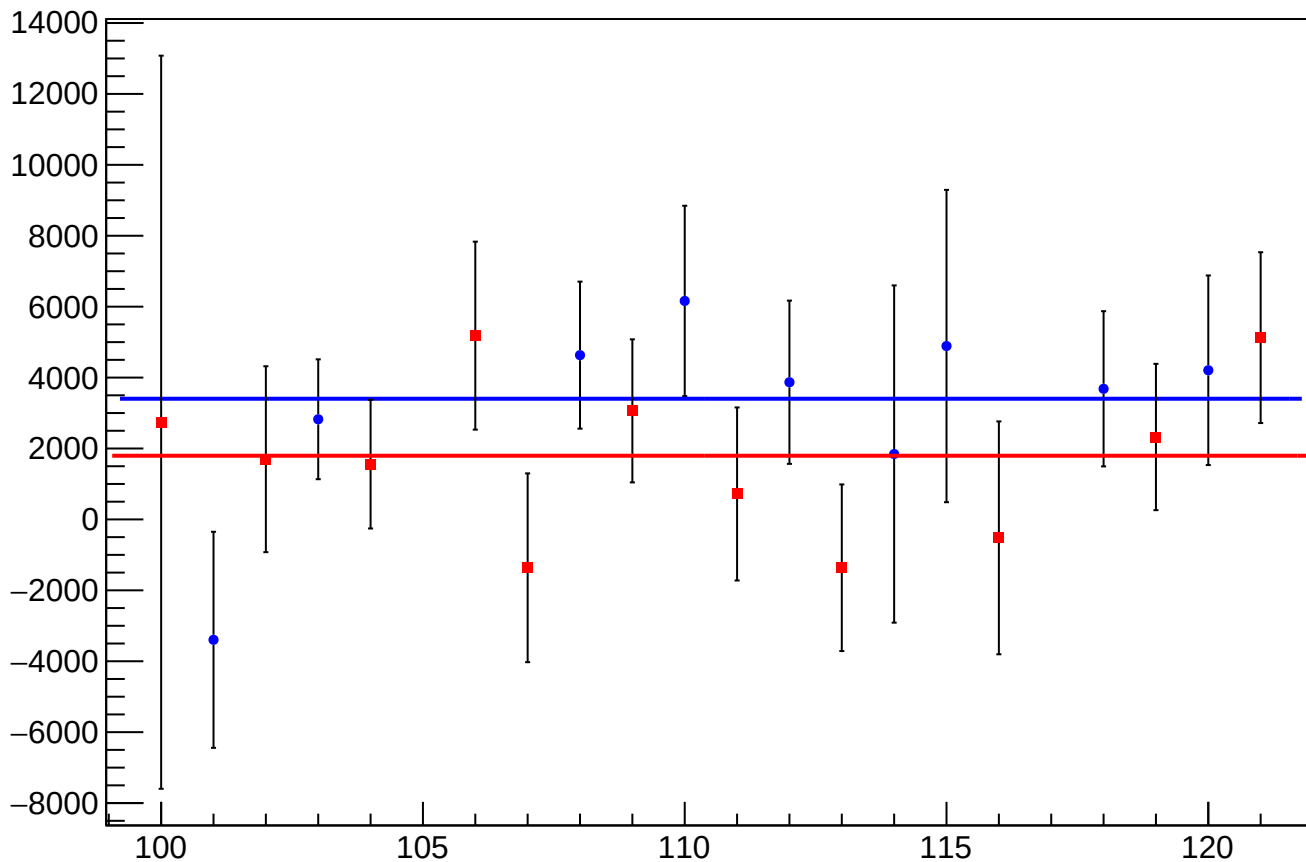
Right: 4324.740 $\pm$ 1.109 χ^2 /NDF: 930157.6/19

In: 4440.817 $\pm$ 1.681 χ^2 /NDF:364574.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4324.740 $\pm$ 1.109 χ^2 /NDF: 930157.6/19

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1795.815+/-737.892 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

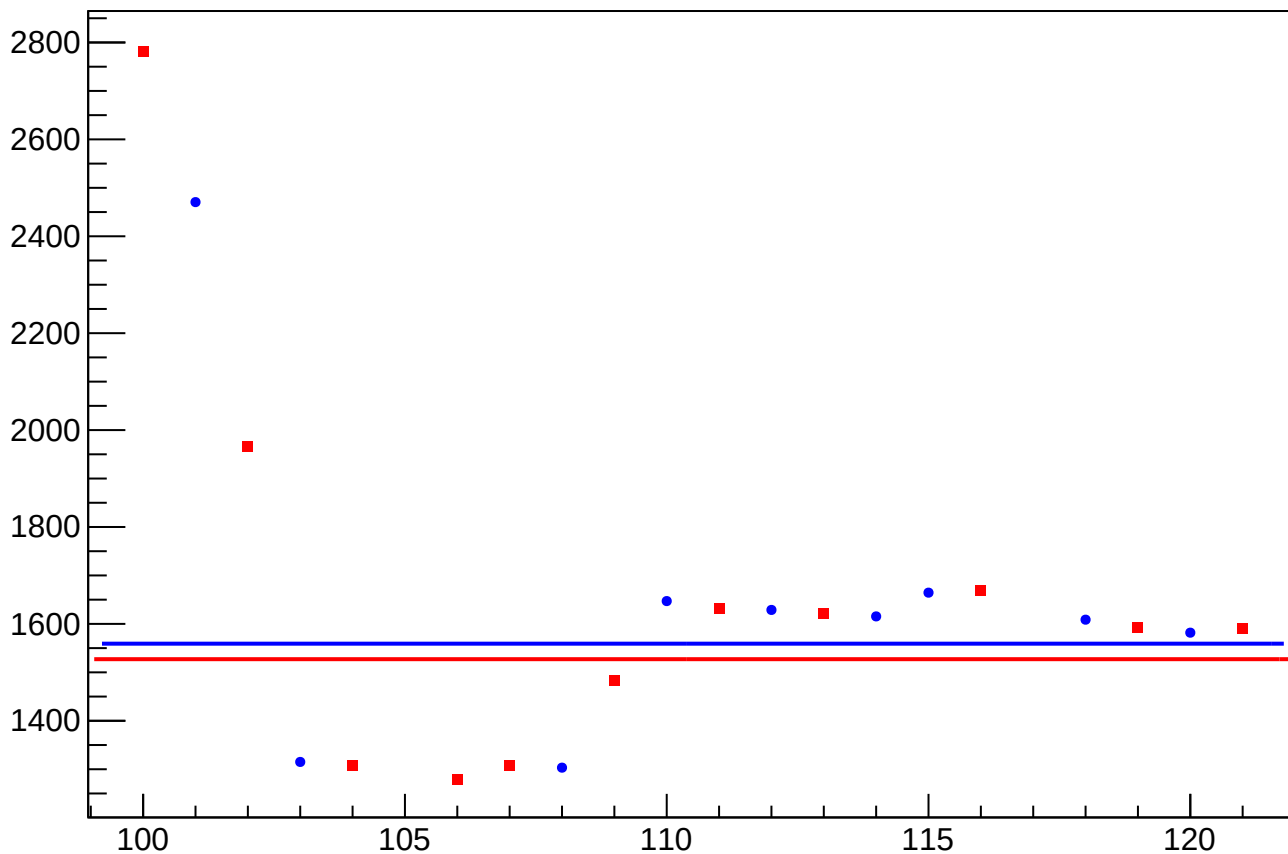
Right: 2508.402+/-550.578 χ^2/NDF : 16.9/19

In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.402+/-550.578 χ^2/NDF : 16.9/19

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.165+/-0.519 χ^2/NDF : 164029.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

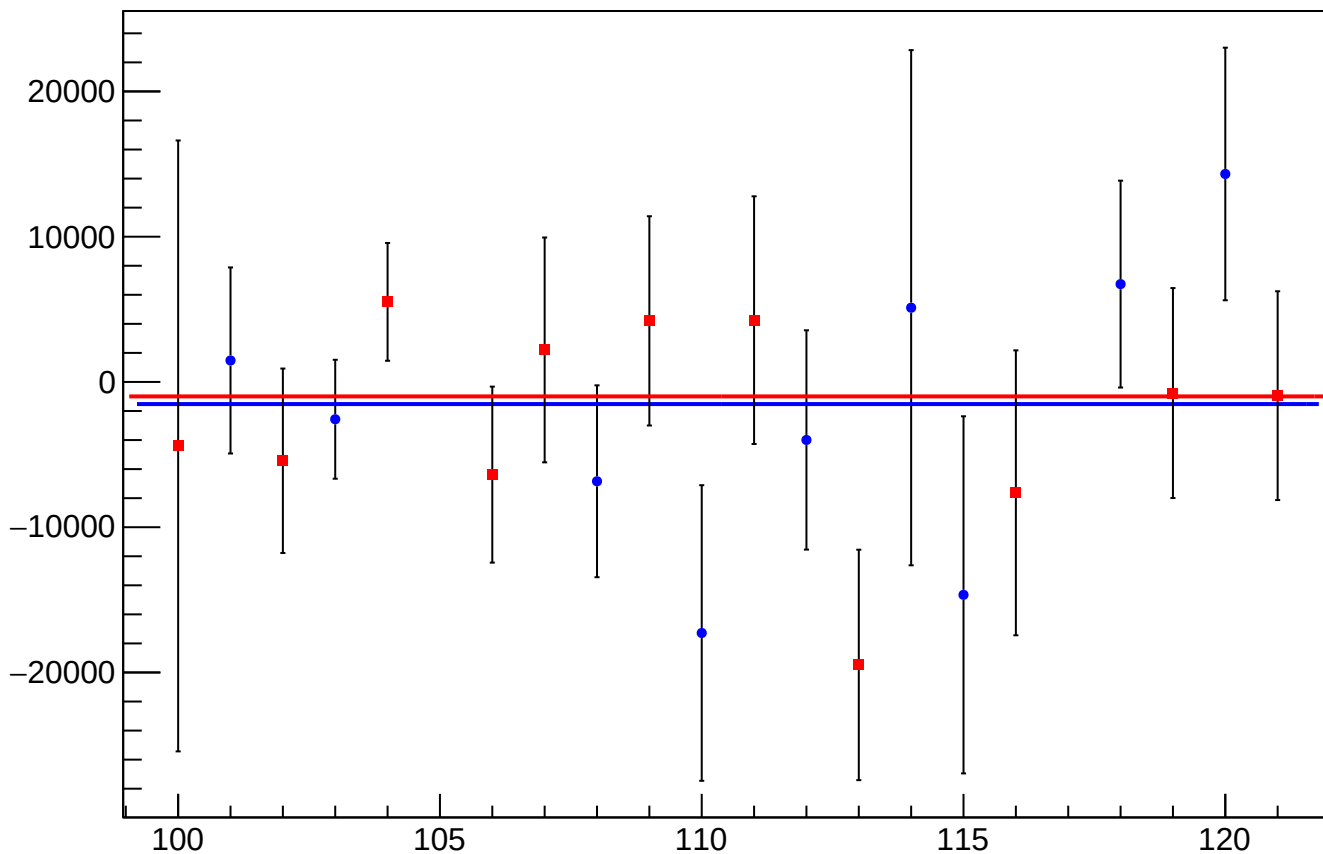
Right: 1541.253+/-0.388 χ^2/NDF : 423386.6/19

In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1541.253+/-0.388 χ^2/NDF : 423386.6/19

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.971+/-2086.607 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

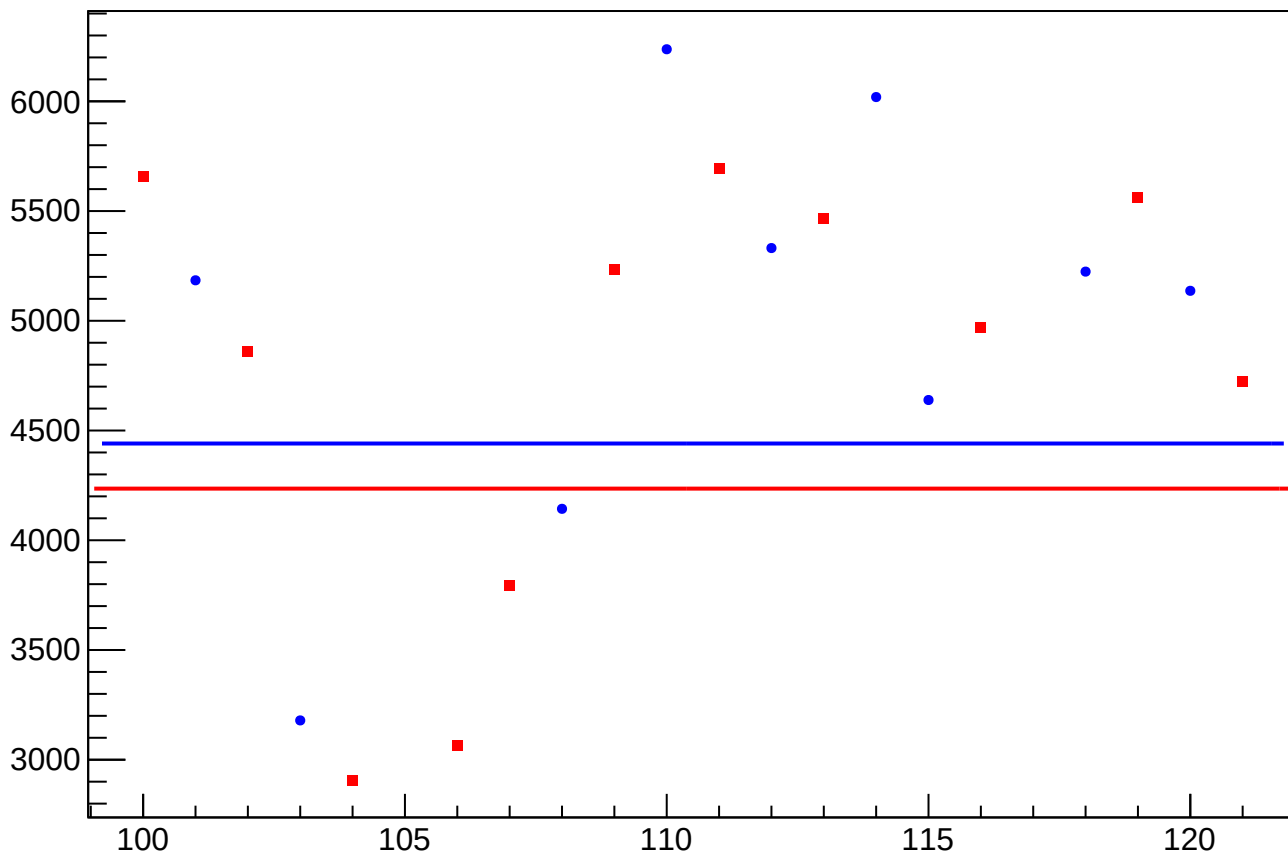
Right: -1224.398+/-1568.216 χ^2/NDF : 20.3/19

In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1224.398+/-1568.216 χ^2/NDF : 20.3/19

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4440.817+/-1.681 χ^2/NDF : 364574.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4235.316+/-1.475 χ^2/NDF : 557141.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

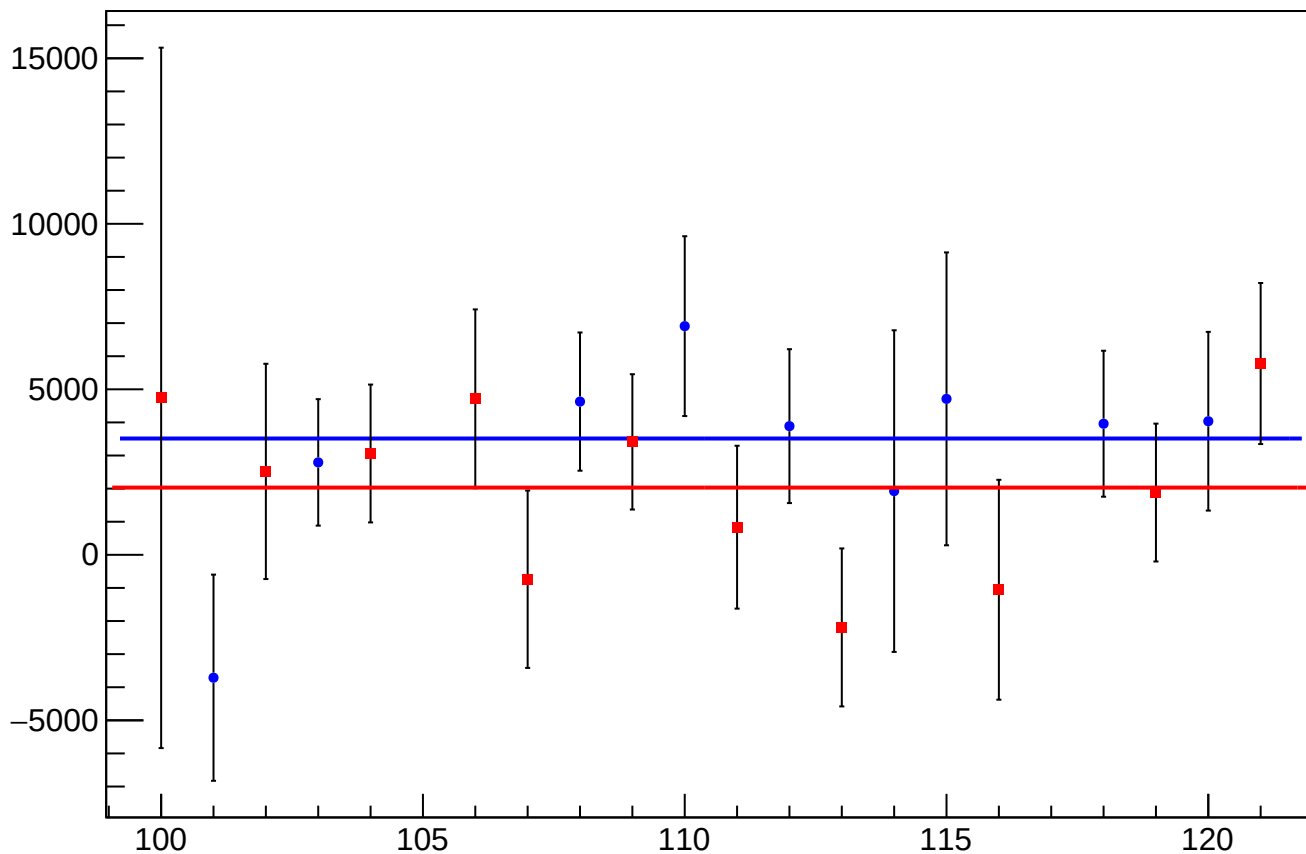
Right: 4324.740+/-1.109 χ^2/NDF : 930157.6/19

In: 4440.817+/-1.681 χ^2/NDF : 364574.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4324.740+/-1.109 χ^2/NDF : 930157.6/19

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3513.719+/-856.427 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2031.125+/-771.295 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

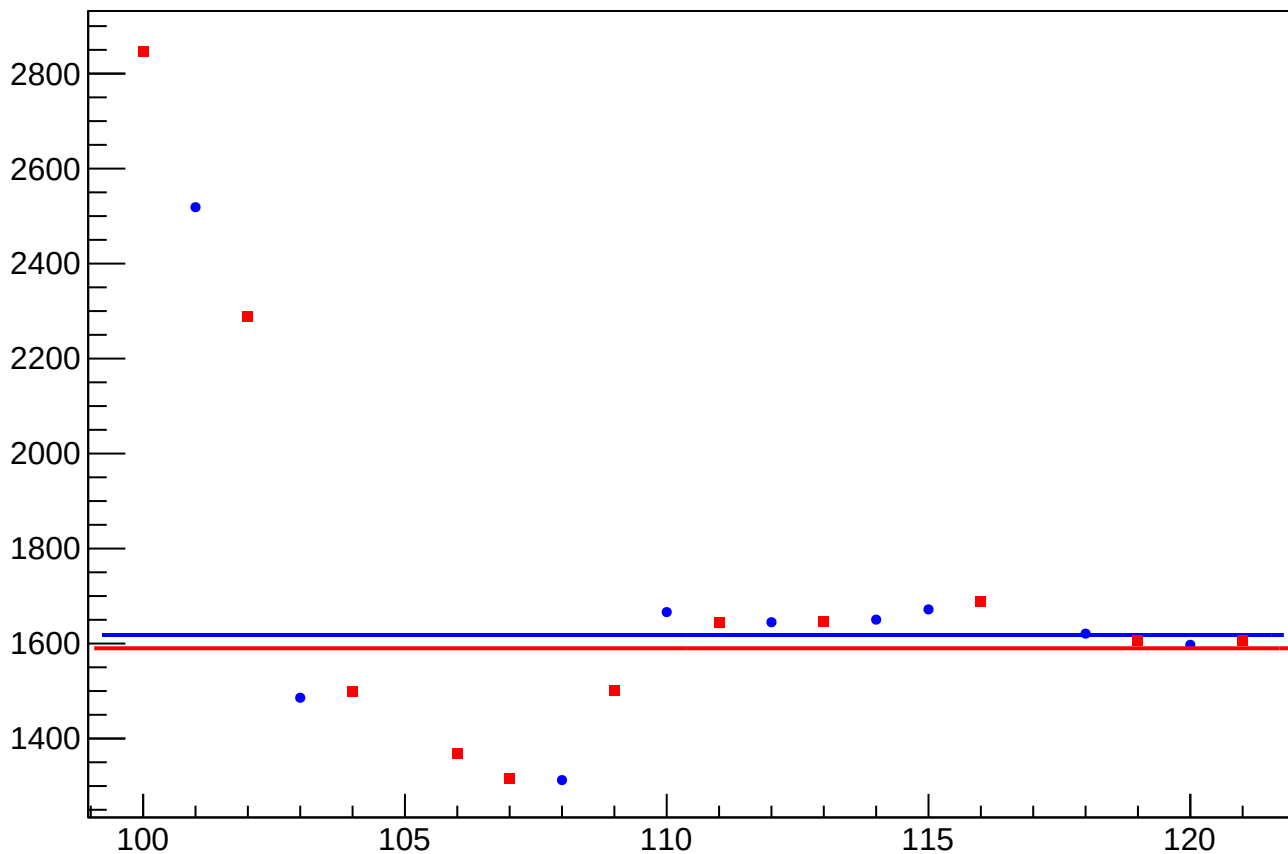
Right: 2695.092+/-573.129 χ^2/NDF : 18.8/19

In: 3513.719+/-856.427 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.092+/-573.129 χ^2/NDF : 18.8/19

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1617.996 $\pm$ 0.606 χ^2 /NDF: 221079.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1590.001 $\pm$ 0.545 χ^2 /NDF: 166930.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

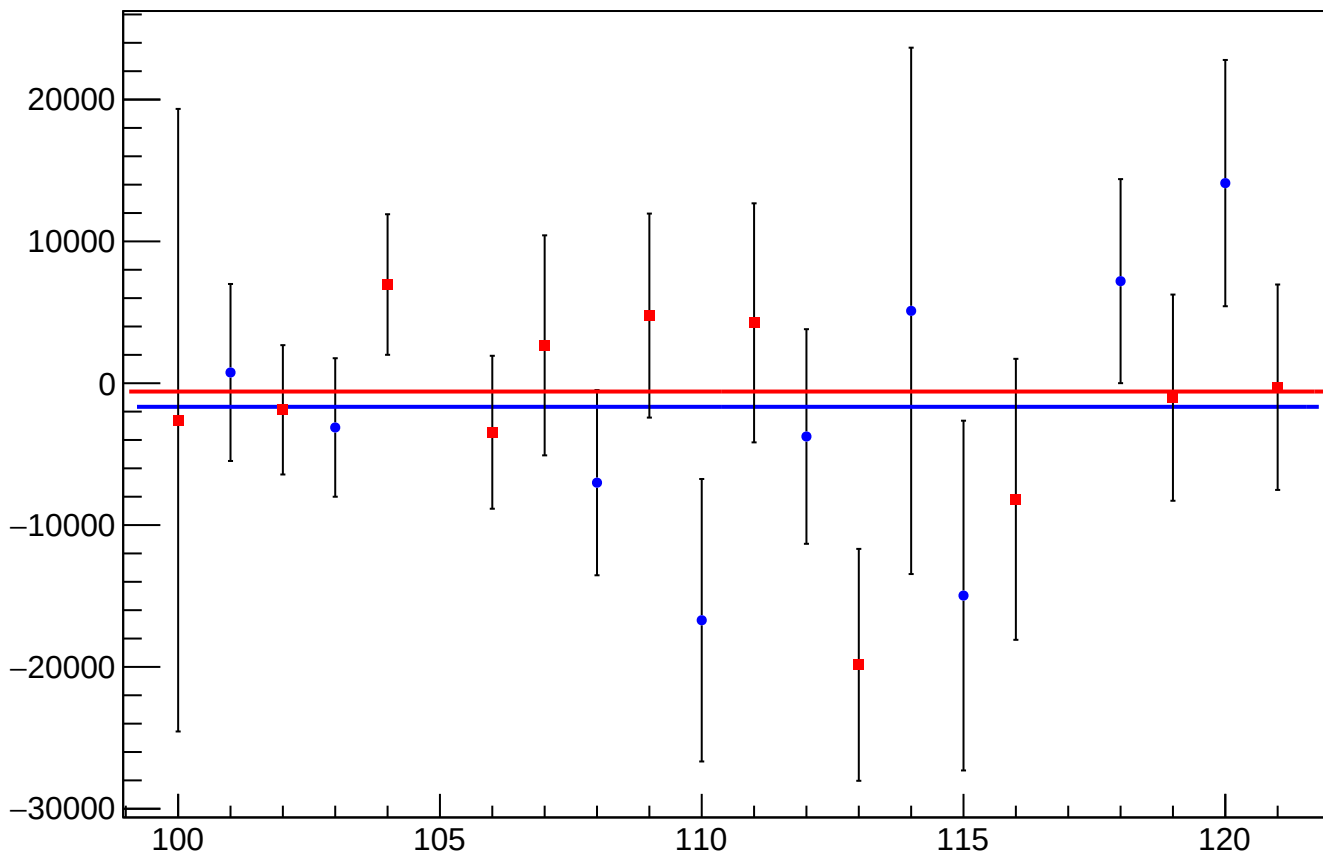
Right: 1602.519 $\pm$ 0.405 χ^2 /NDF: 389191.9/19

In: 1617.996 $\pm$ 0.606 χ^2 /NDF:221079.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1602.519 $\pm$ 0.405 χ^2 /NDF: 389191.9/19

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1662.893+/-2494.382 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -585.503+/-2047.723 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

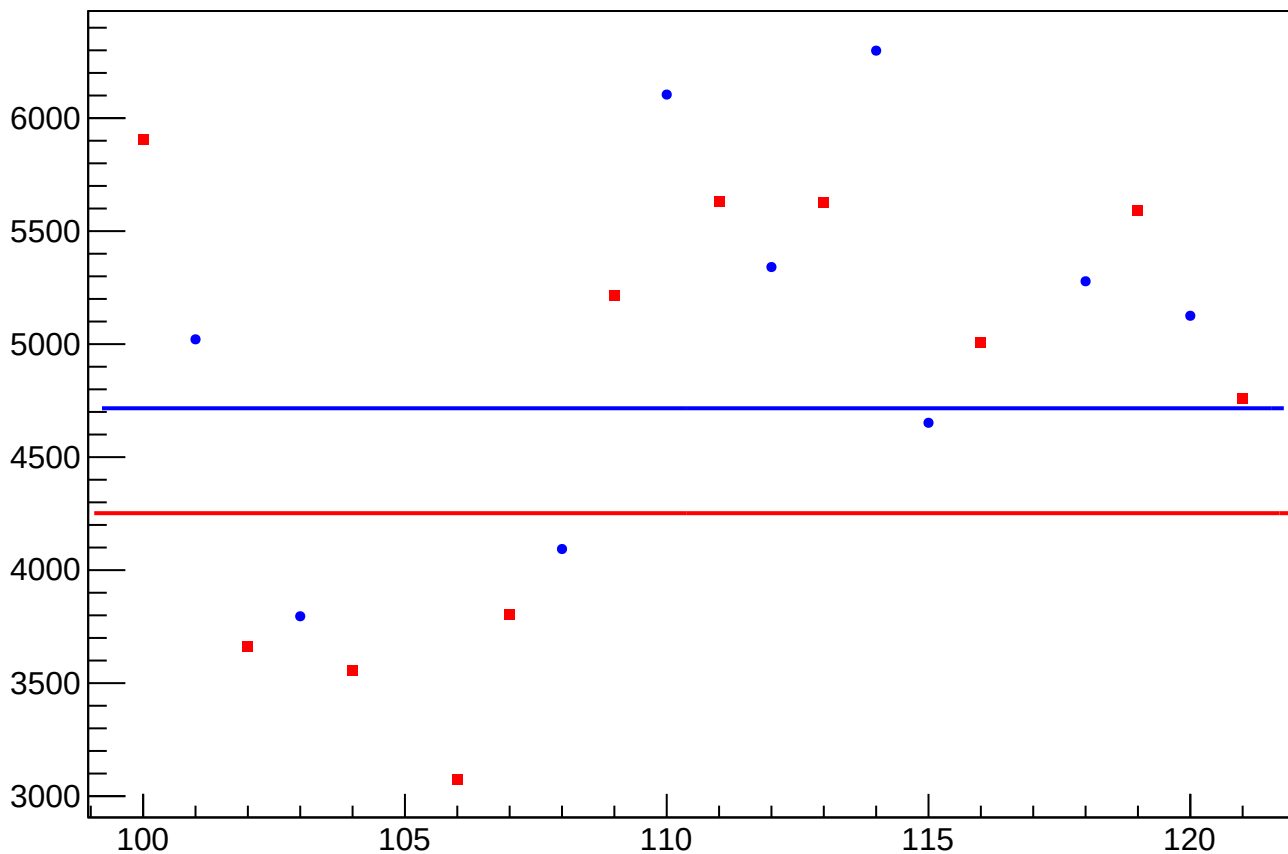
Right: -1019.265+/-1582.713 χ^2/NDF : 19.4/19

In: -1662.893+/-2494.382 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1019.265+/-1582.713 χ^2/NDF : 19.4/19

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4716.243+/-1.764 χ^2/NDF : 177781.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4252.034+/-1.448 χ^2/NDF : 421738.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

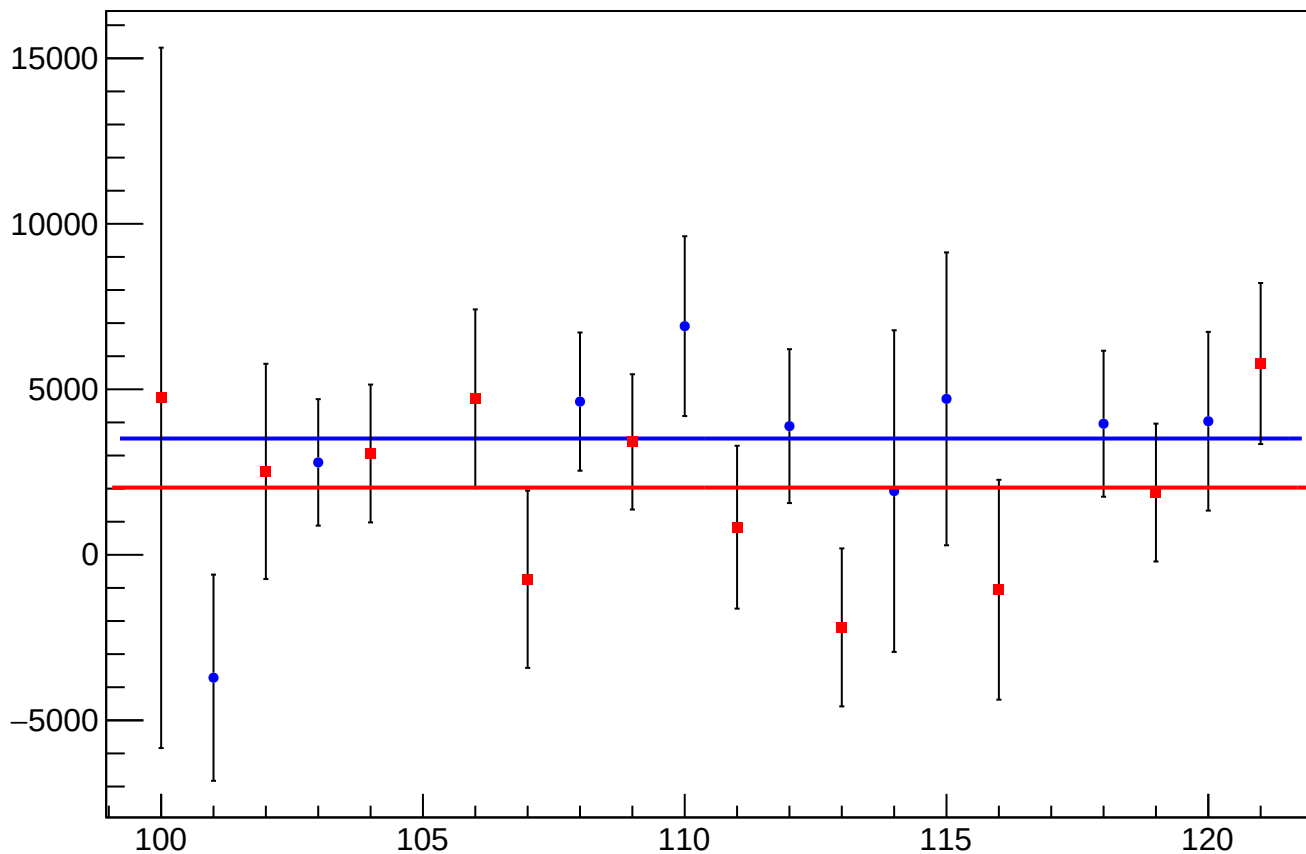
Right: 4438.926+/-1.119 χ^2/NDF : 640900.8/19

In: 4716.243+/-1.764 χ^2/NDF : 177781.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4438.926+/-1.119 χ^2/NDF : 640900.8/19

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3513.712+/-856.427 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2031.129+/-771.295 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

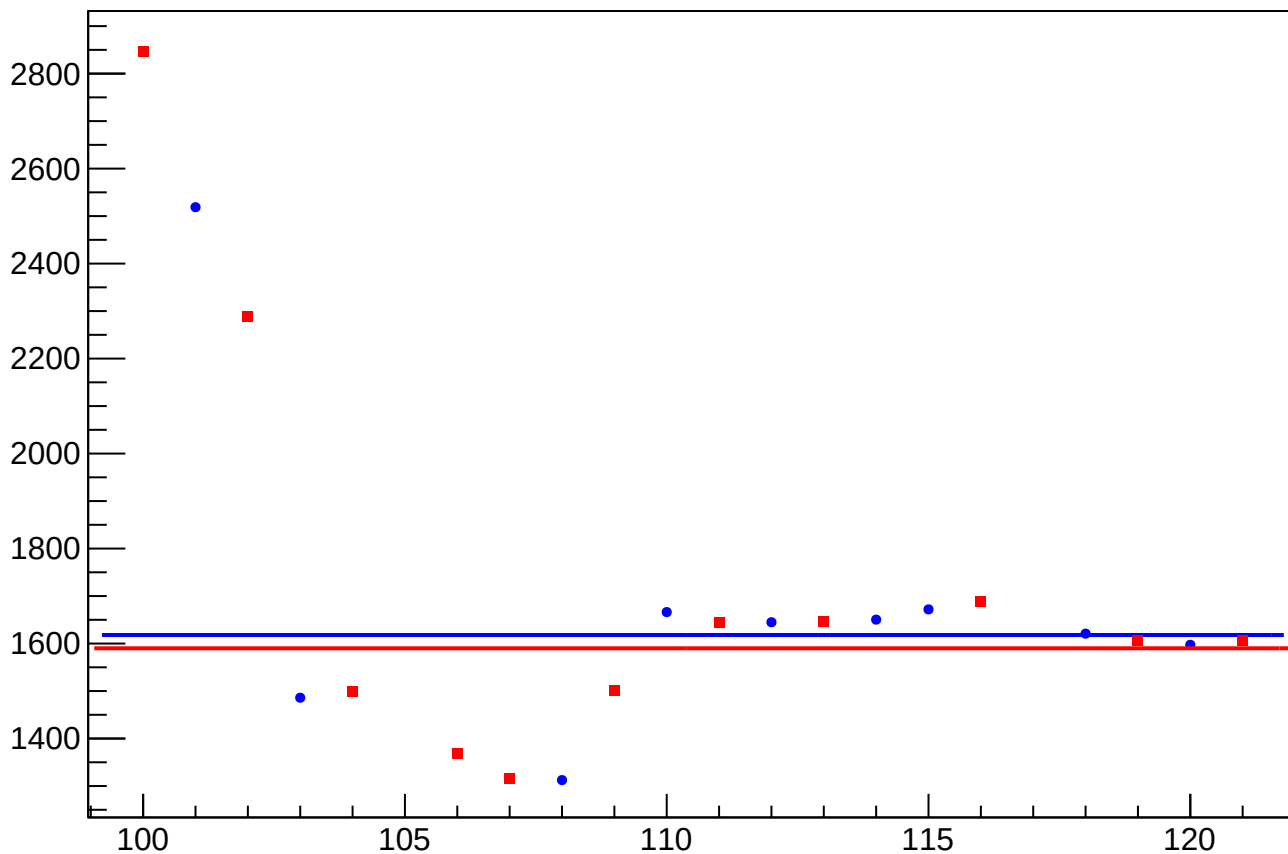
Right: 2695.091+/-573.129 χ^2/NDF : 18.8/19

In: 3513.712+/-856.427 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.091+/-573.129 χ^2/NDF : 18.8/19

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1617.996+/-0.606 χ^2/NDF : 221079.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.000+/-0.545 χ^2/NDF : 166930.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

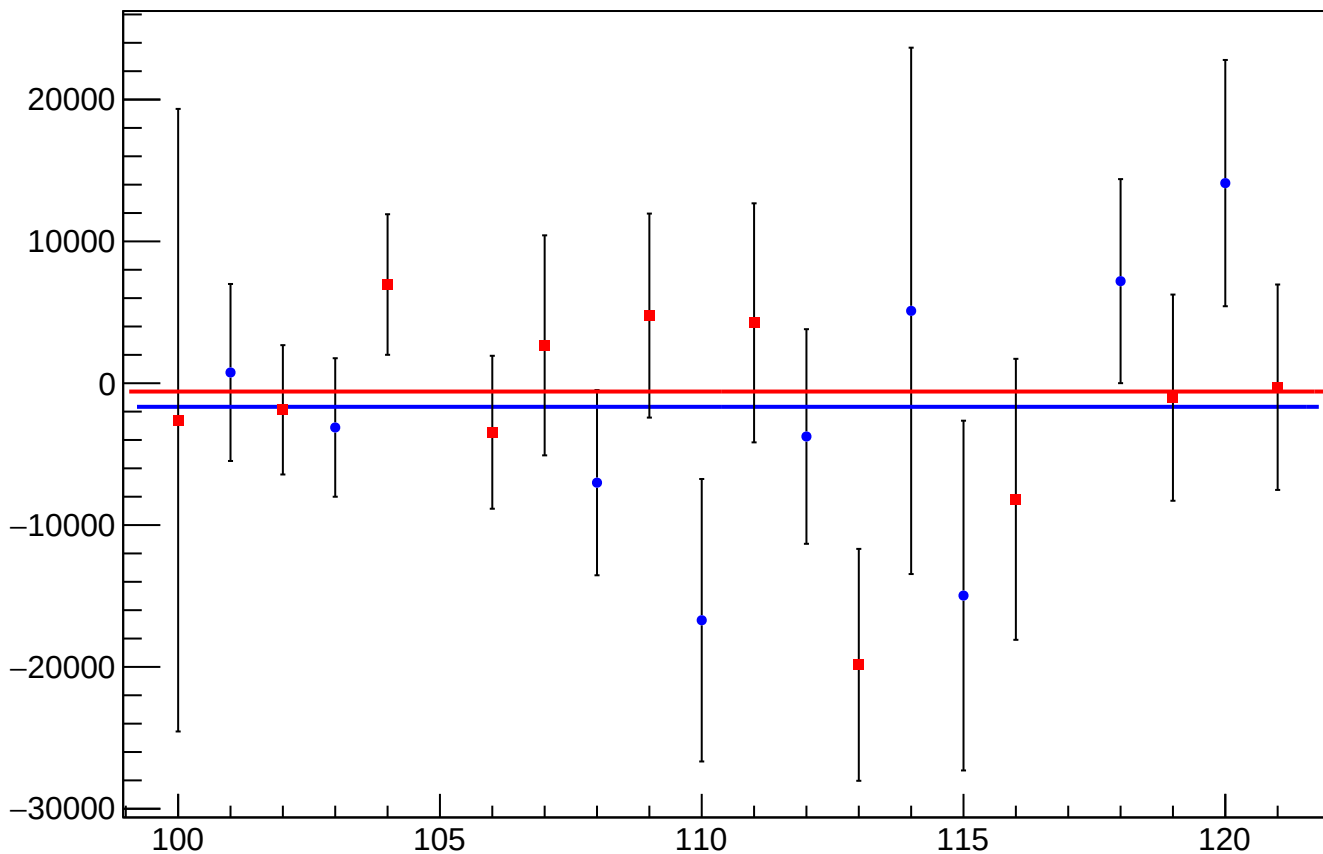
Right: 1602.518+/-0.405 χ^2/NDF : 389191.8/19

In: 1617.996+/-0.606 χ^2/NDF : 221079.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.518+/-0.405 χ^2/NDF : 389191.8/19

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1662.888+/-2494.377 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -585.505+/-2047.720 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

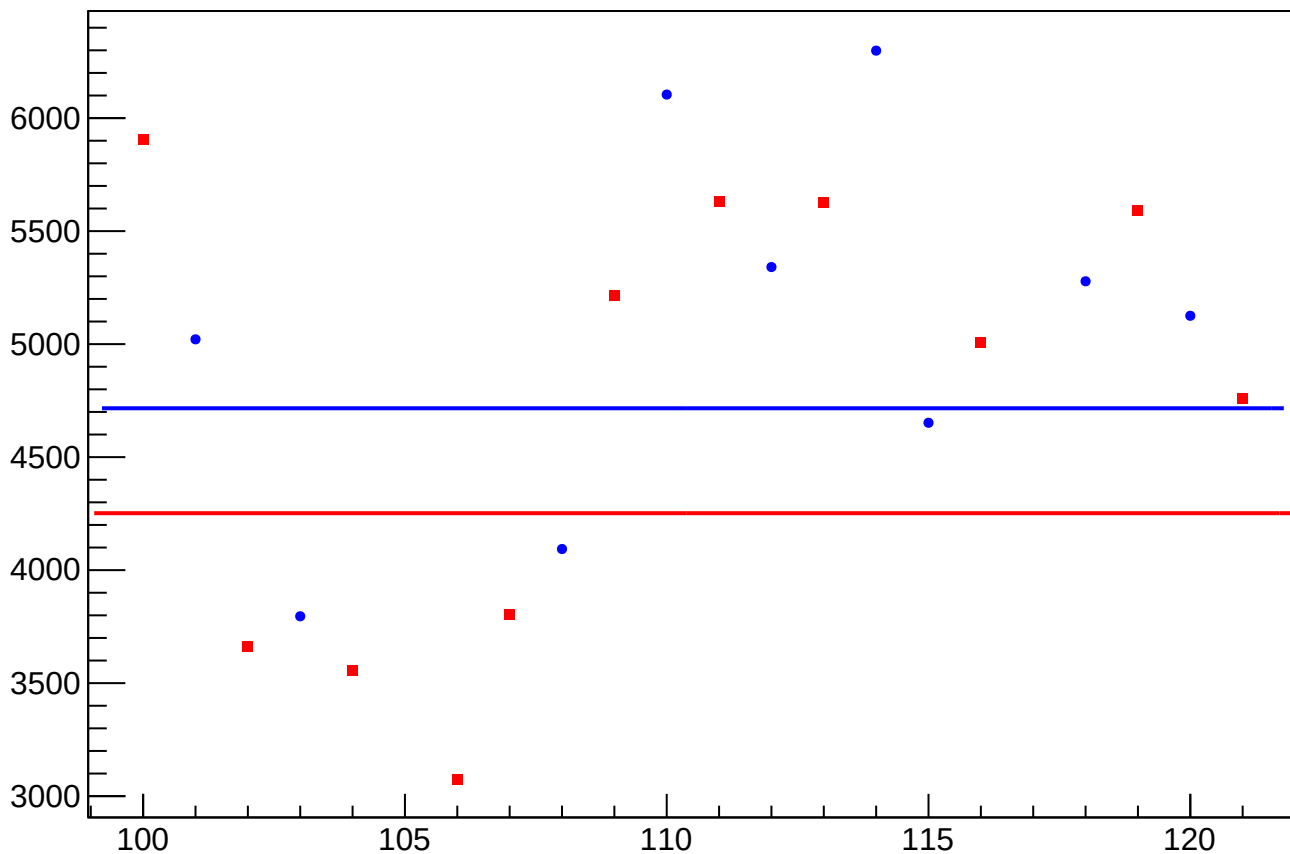
Right: -1019.264+/-1582.710 χ^2/NDF : 19.4/19

In: -1662.888+/-2494.377 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1019.264+/-1582.710 χ^2/NDF : 19.4/19

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4716.235+/-1.764 χ^2/NDF : 177778.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4252.027+/-1.448 χ^2/NDF : 421735.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

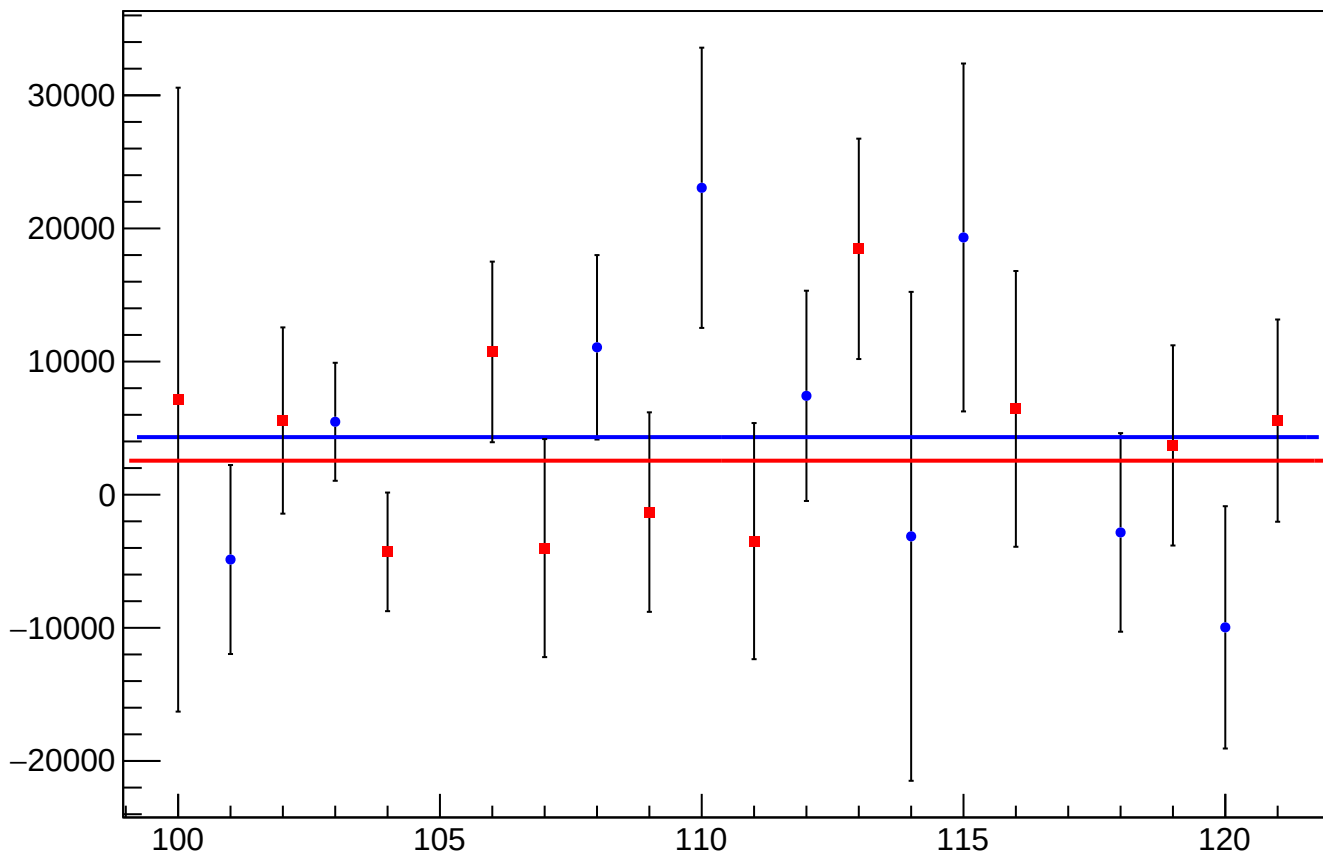
Right: 4438.920+/-1.119 χ^2/NDF : 640895.0/19

In: 4716.235+/-1.764 χ^2/NDF : 177778.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4438.920+/-1.119 χ^2/NDF : 640895.0/19

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4325.291+/-2535.595 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.741+/-2243.067 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

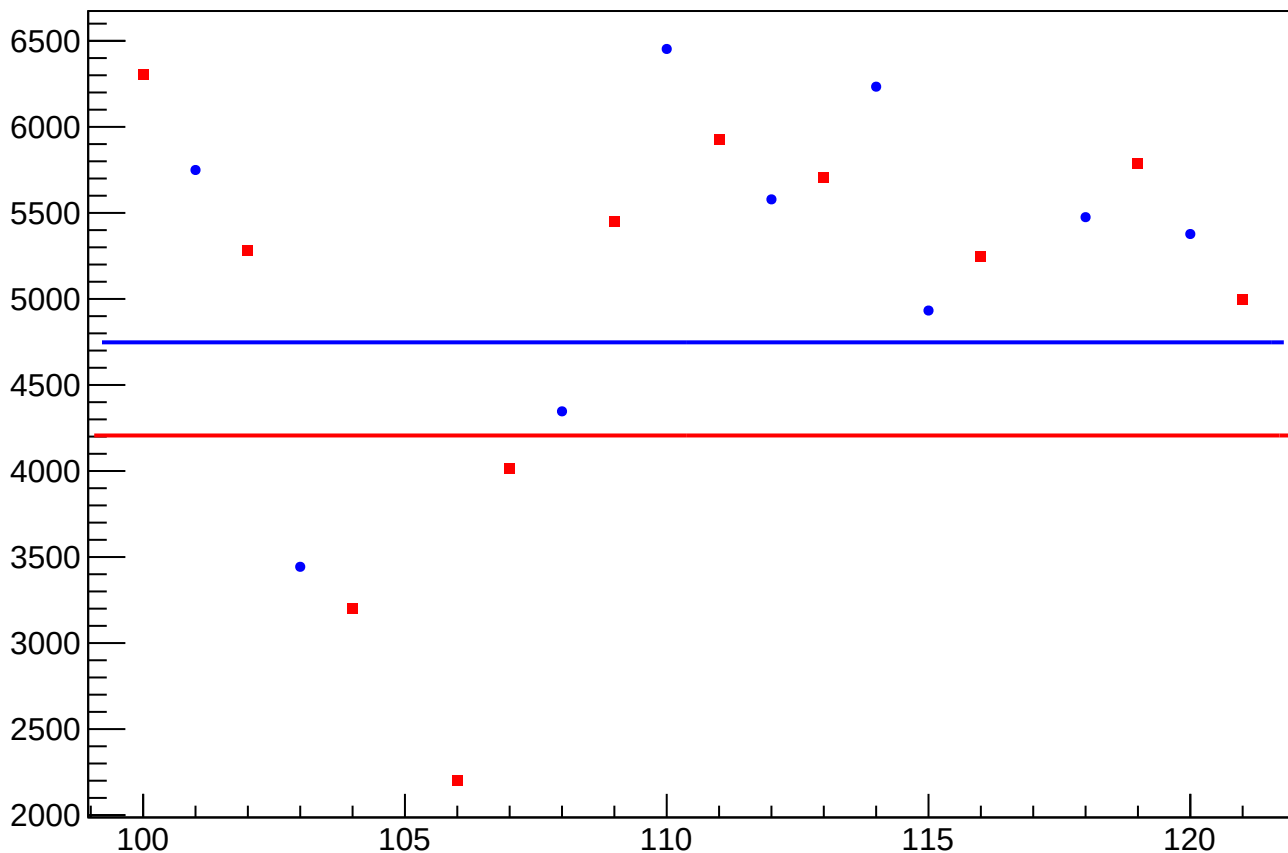
Right: 3332.036+/-1680.036 χ^2/NDF : 20.6/19

In: 4325.291+/-2535.595 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3332.036+/-1680.036 χ^2/NDF : 20.6/19

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4747.773+/-1.793 χ^2/NDF : 336567.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4206.448+/-1.502 χ^2/NDF : 851771.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

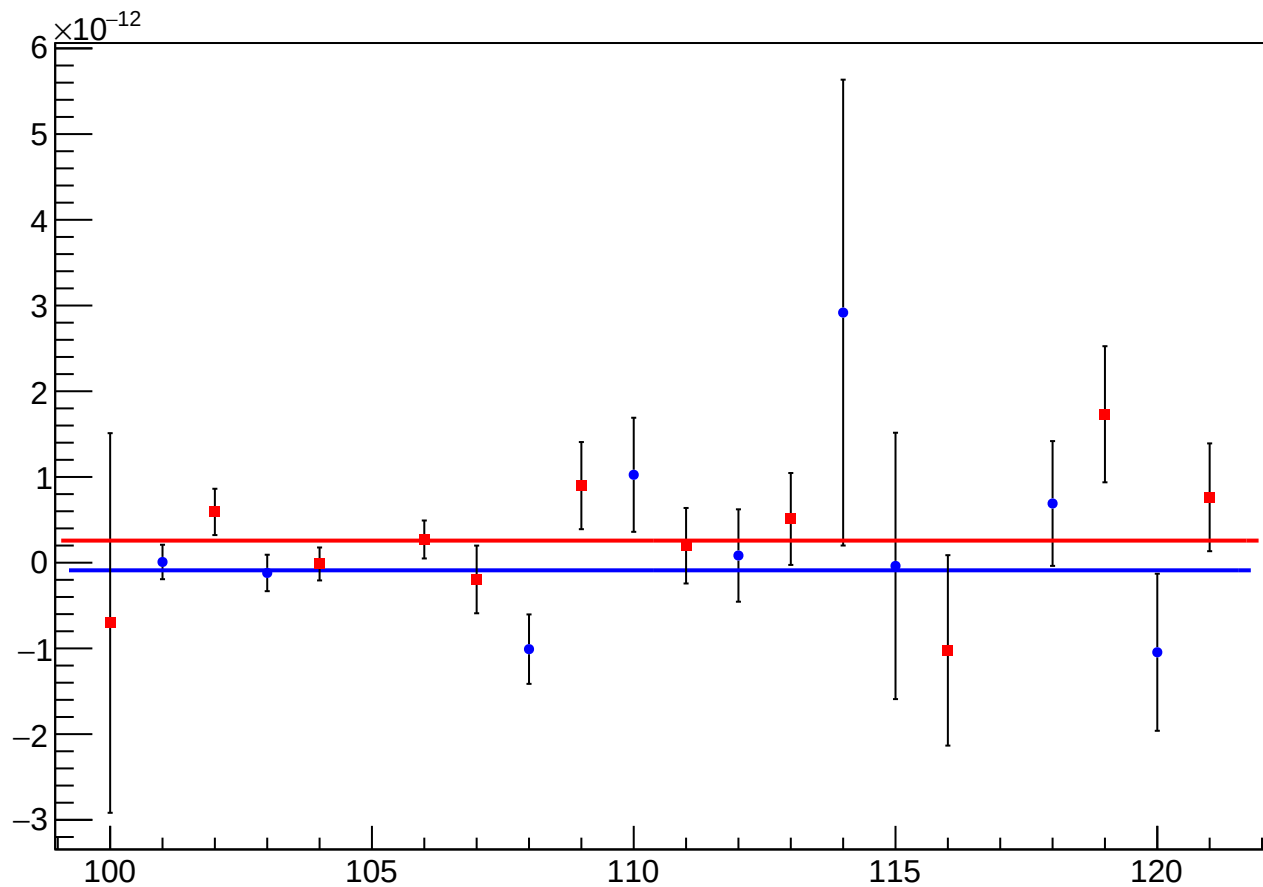
Right: 4429.656+/-1.151 χ^2/NDF : 1241908.1/19

In: 4747.773+/-1.793 χ^2/NDF : 336567.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4429.656+/-1.151 χ^2/NDF : 1241908.1/19

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

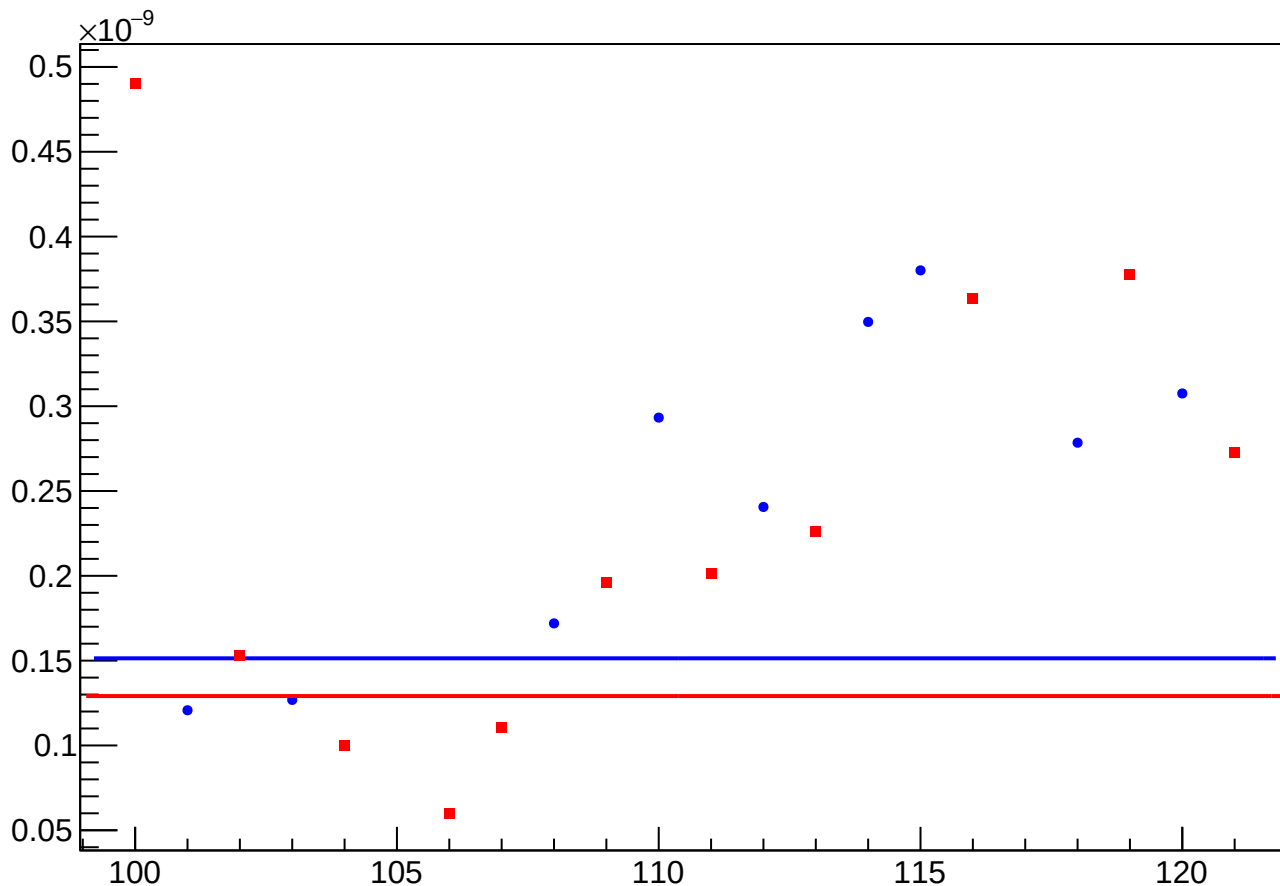
Right: 0.000+/-0.000 χ^2/NDF : 28.4/19

In: -0.000+/-0.000 χ^2/NDF :11.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/19

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 397068.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 859354.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

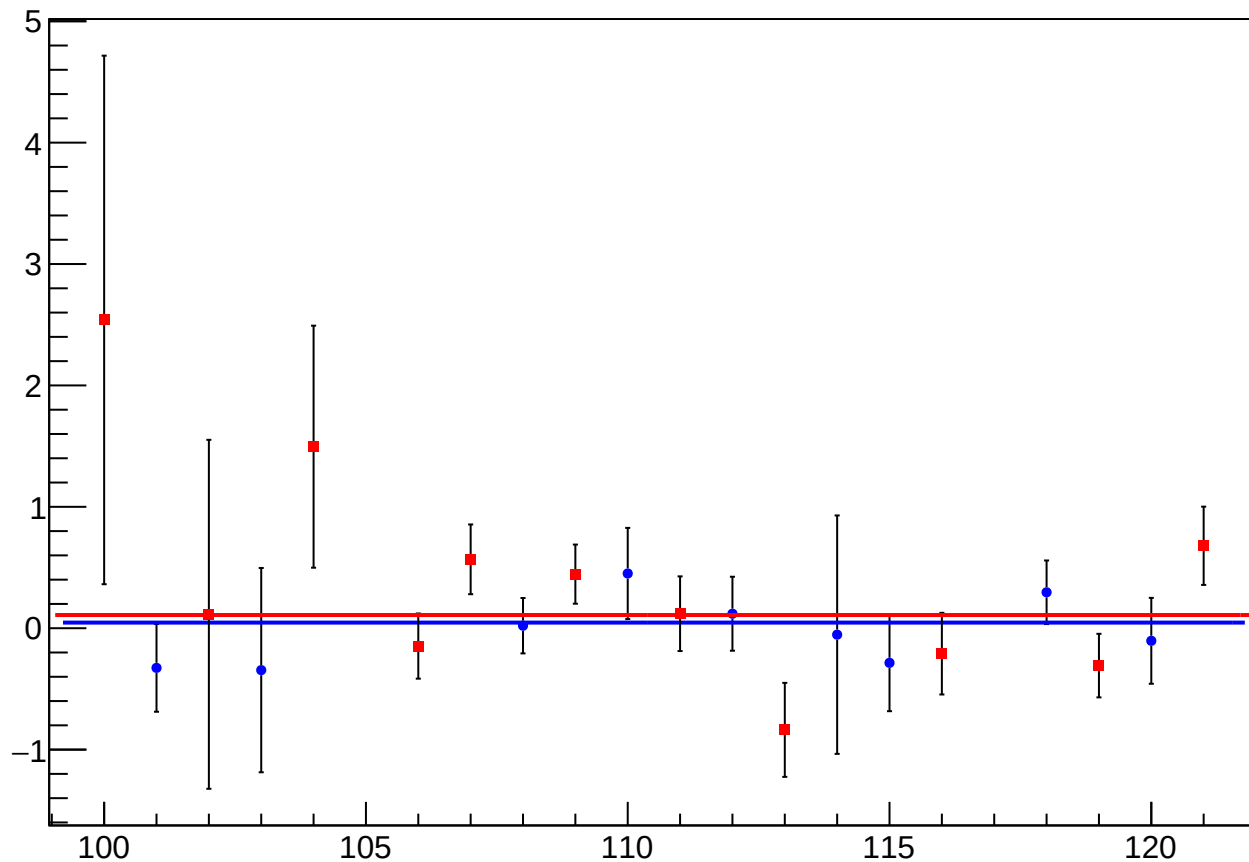
Right: 0.000+/-0.000 χ^2/NDF : 1292058.8/19

In: 0.000+/-0.000 χ^2/NDF : 397068.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1292058.8/19

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.109+/-0.103 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

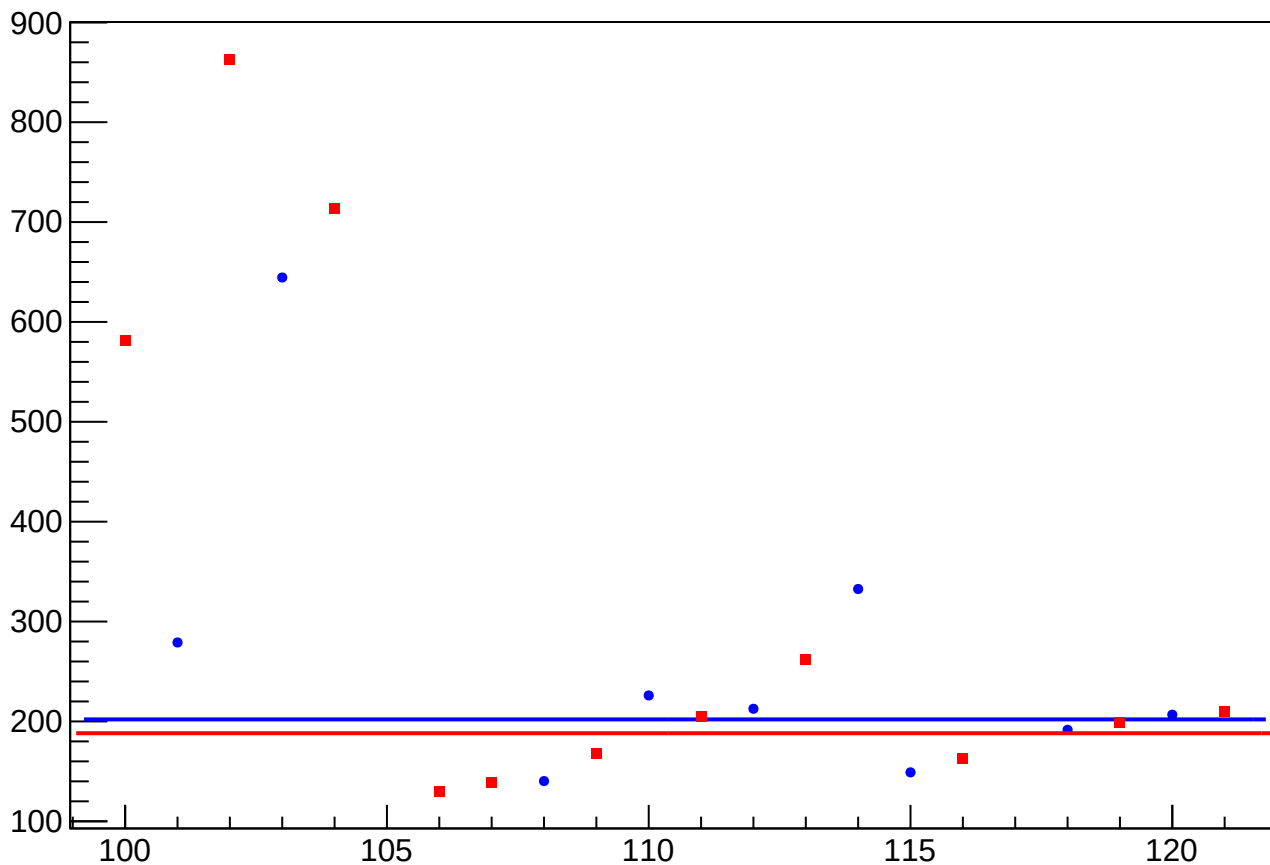
Right: 0.081+/-0.076 χ^2/NDF : 25.6/19

In: 0.046+/-0.115 χ^2/NDF :4.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.081+/-0.076 χ^2/NDF : 25.6/19

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.192+/-0.073 χ^2/NDF : 1328859.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

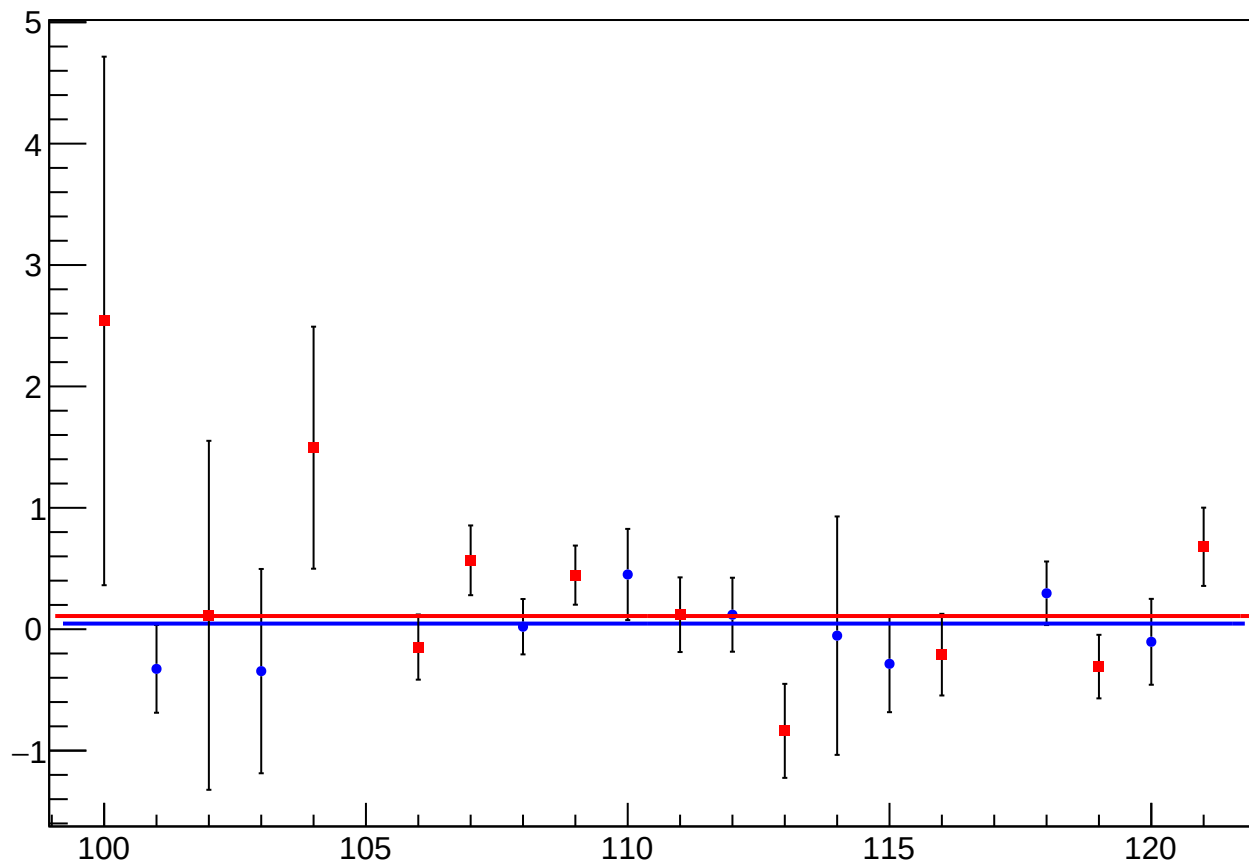
Right: 194.345+/-0.054 χ^2/NDF : 2220330.2/19

In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.345+/-0.054 χ^2/NDF : 2220330.2/19

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.109+/-0.103 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

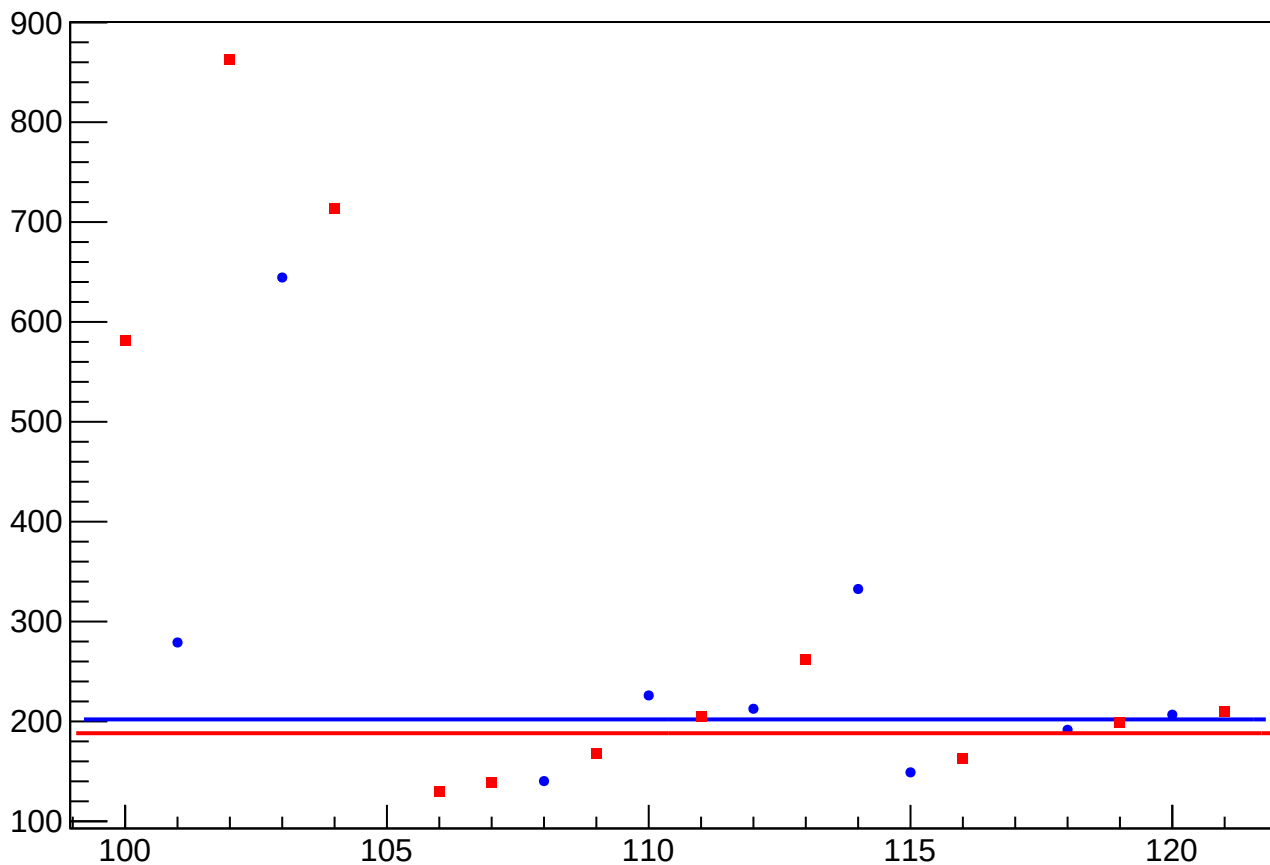
Right: 0.081+/-0.076 χ^2/NDF : 25.6/19

In: 0.046+/-0.115 χ^2/NDF :4.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.081+/-0.076 χ^2/NDF : 25.6/19

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.192+/-0.073 χ^2/NDF : 1328859.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

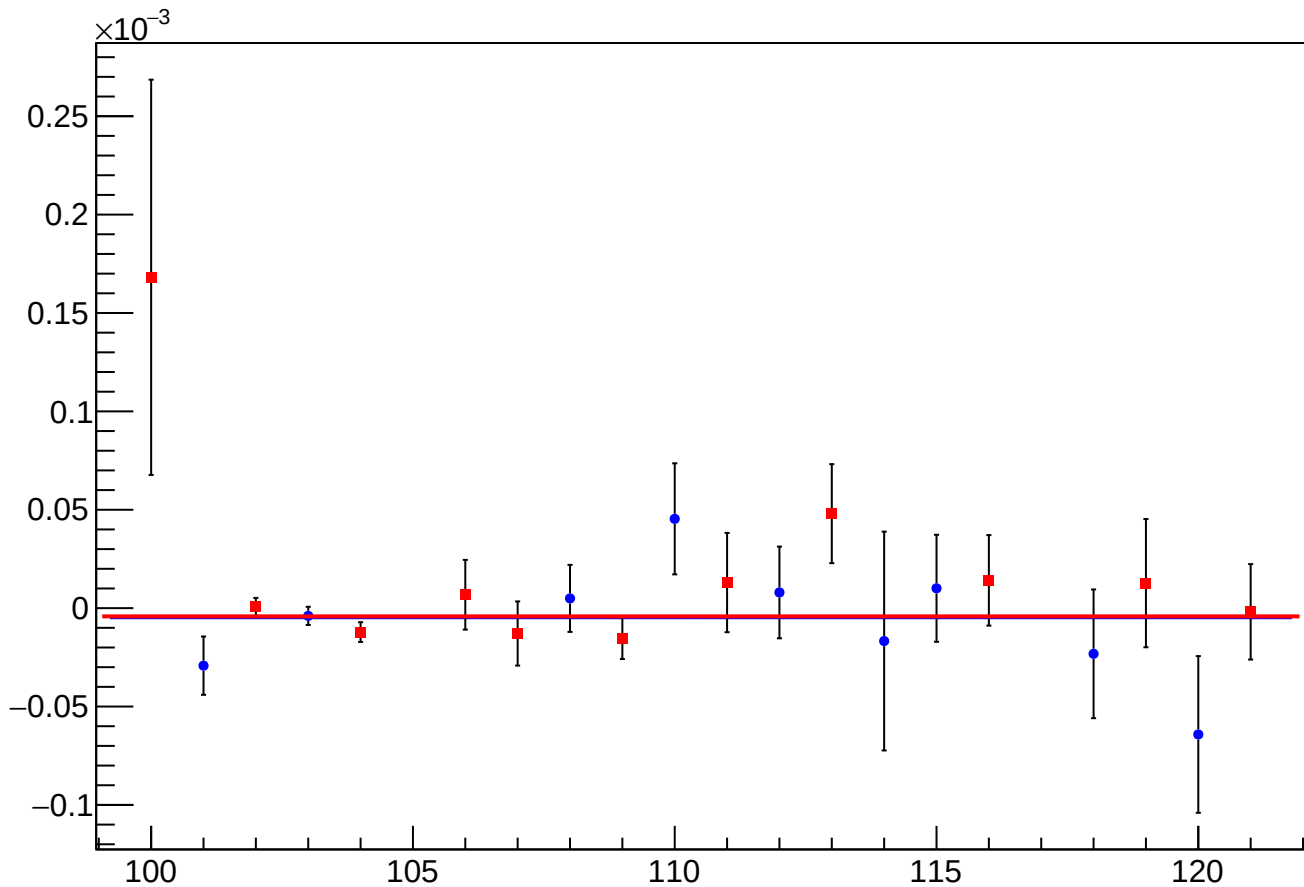
Right: 194.345+/-0.054 χ^2/NDF : 2220330.2/19

In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.345+/-0.054 χ^2/NDF : 2220330.2/19

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

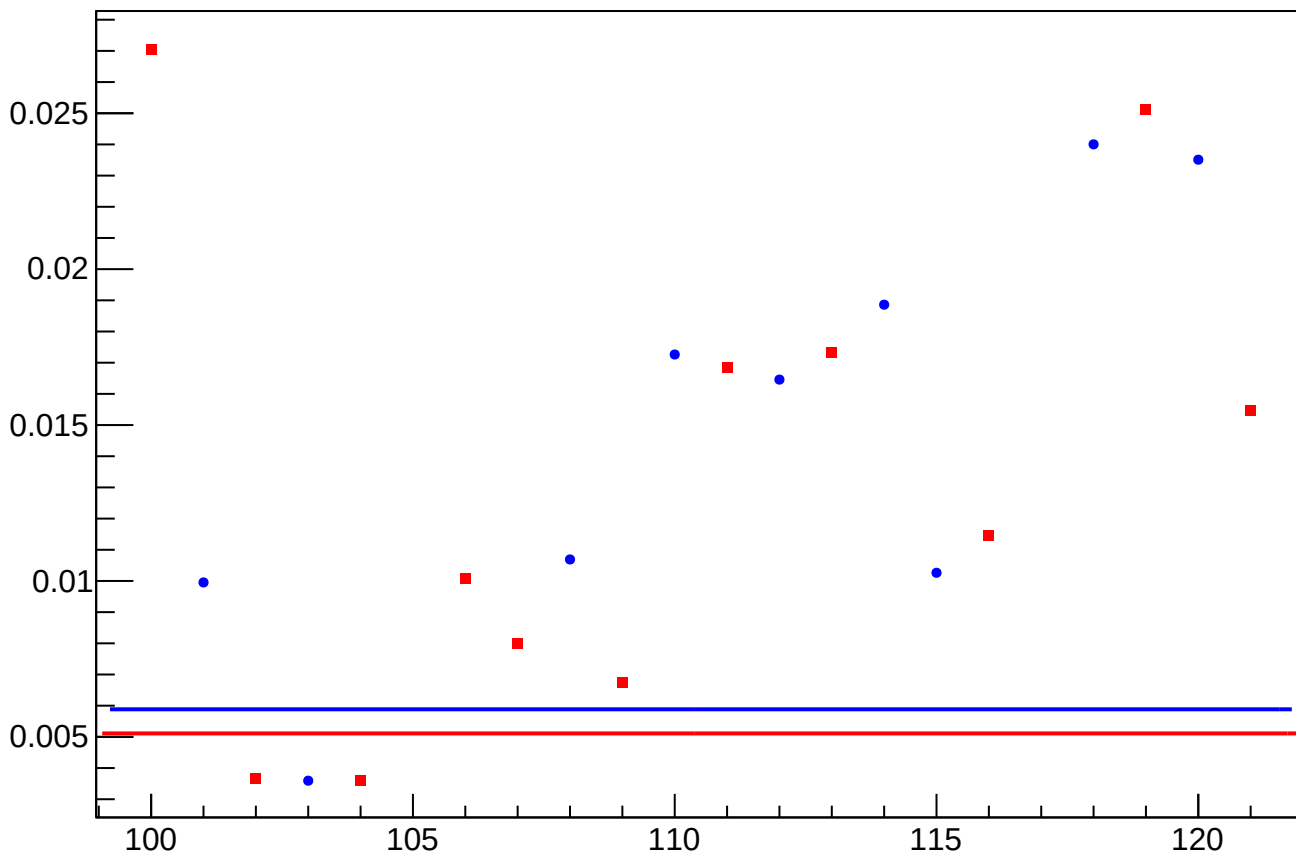
Right: -0.000+/-0.000 χ^2/NDF : 23.5/19

In: -0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/19

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2703356.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2917357.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

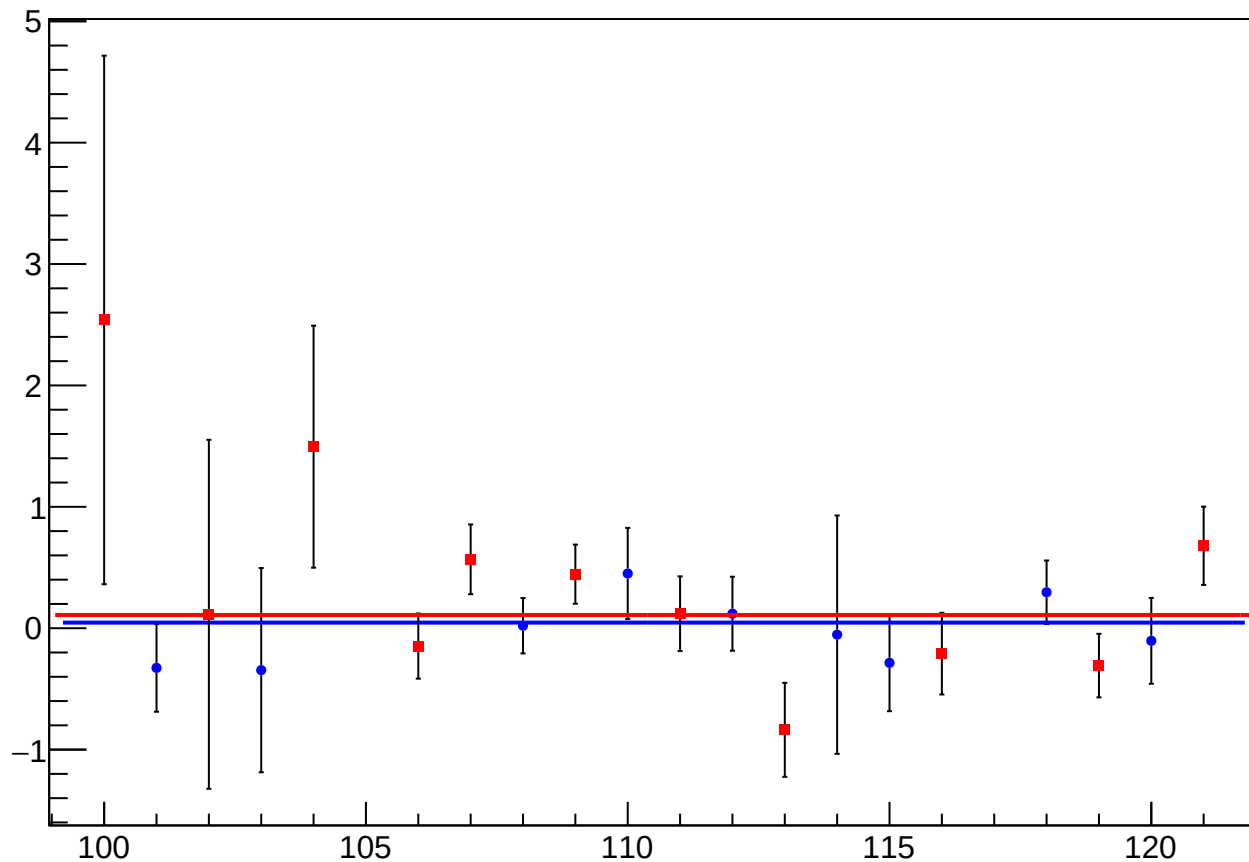
Right: 0.005+/-0.000 χ^2/NDF : 5667999.9/19

In: 0.006+/-0.000 χ^2/NDF :2703356.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5667999.9/19

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.109+/-0.103 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

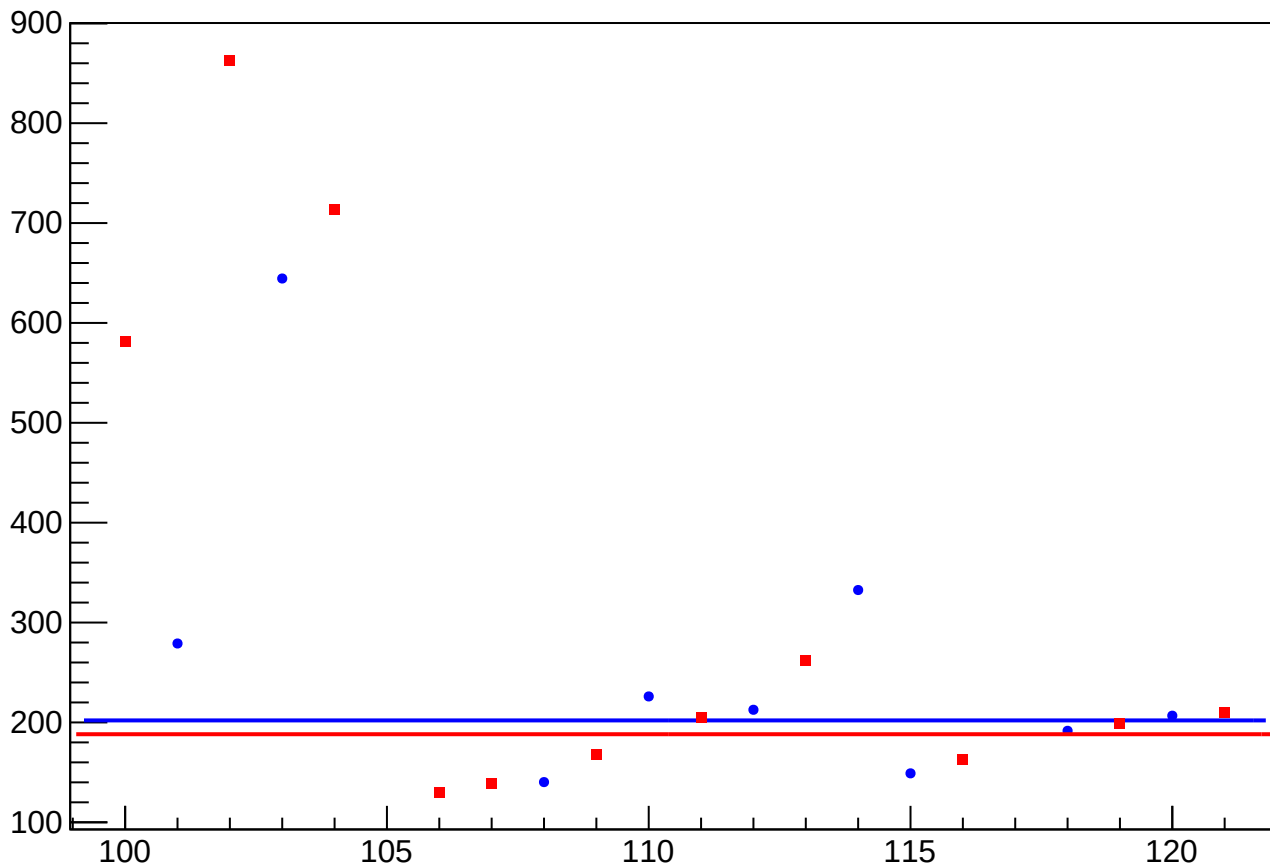
Right: 0.081+/-0.076 χ^2/NDF : 25.5/19

In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.076 χ^2/NDF : 25.5/19

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.192+/-0.073 χ^2/NDF : 1328853.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

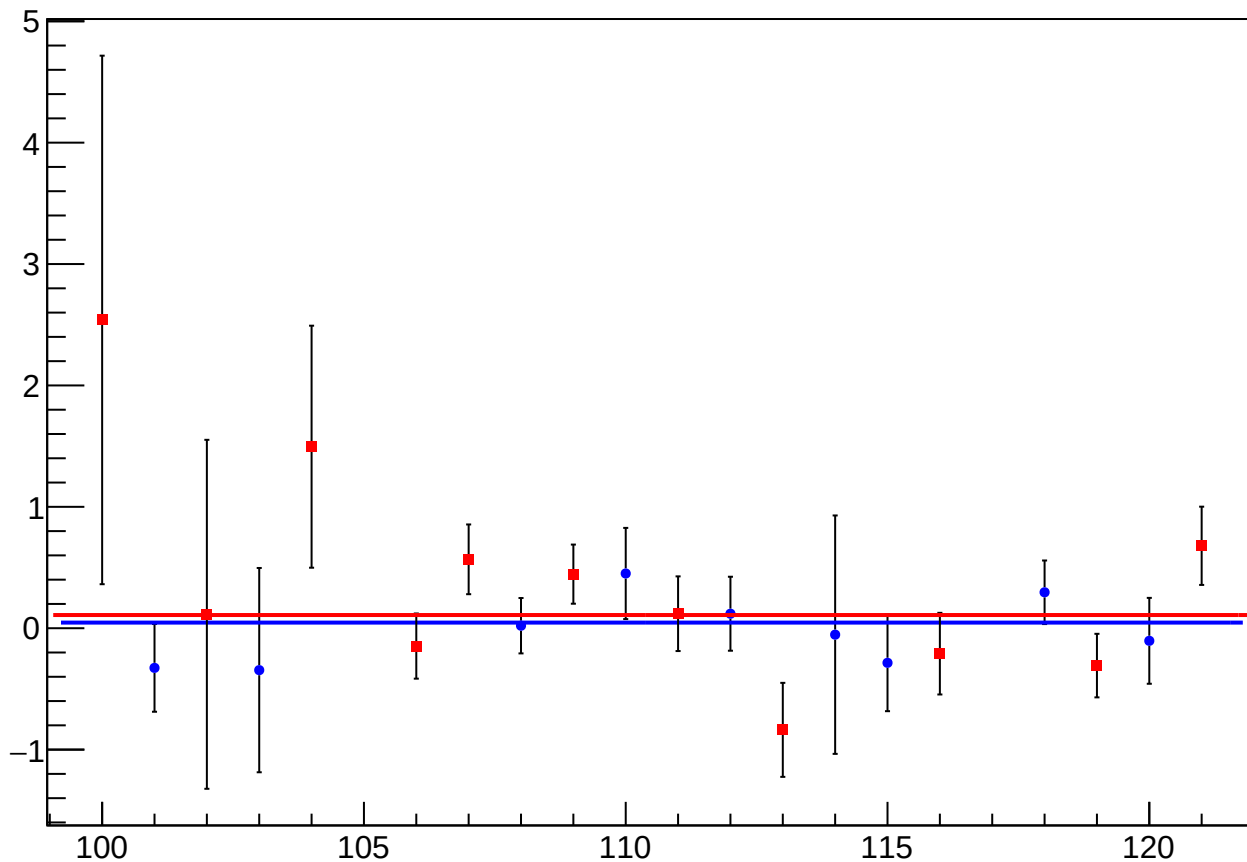
Right: 194.344+/-0.054 χ^2/NDF : 2220329.4/19

In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.344+/-0.054 χ^2/NDF : 2220329.4/19

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.109+/-0.103 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

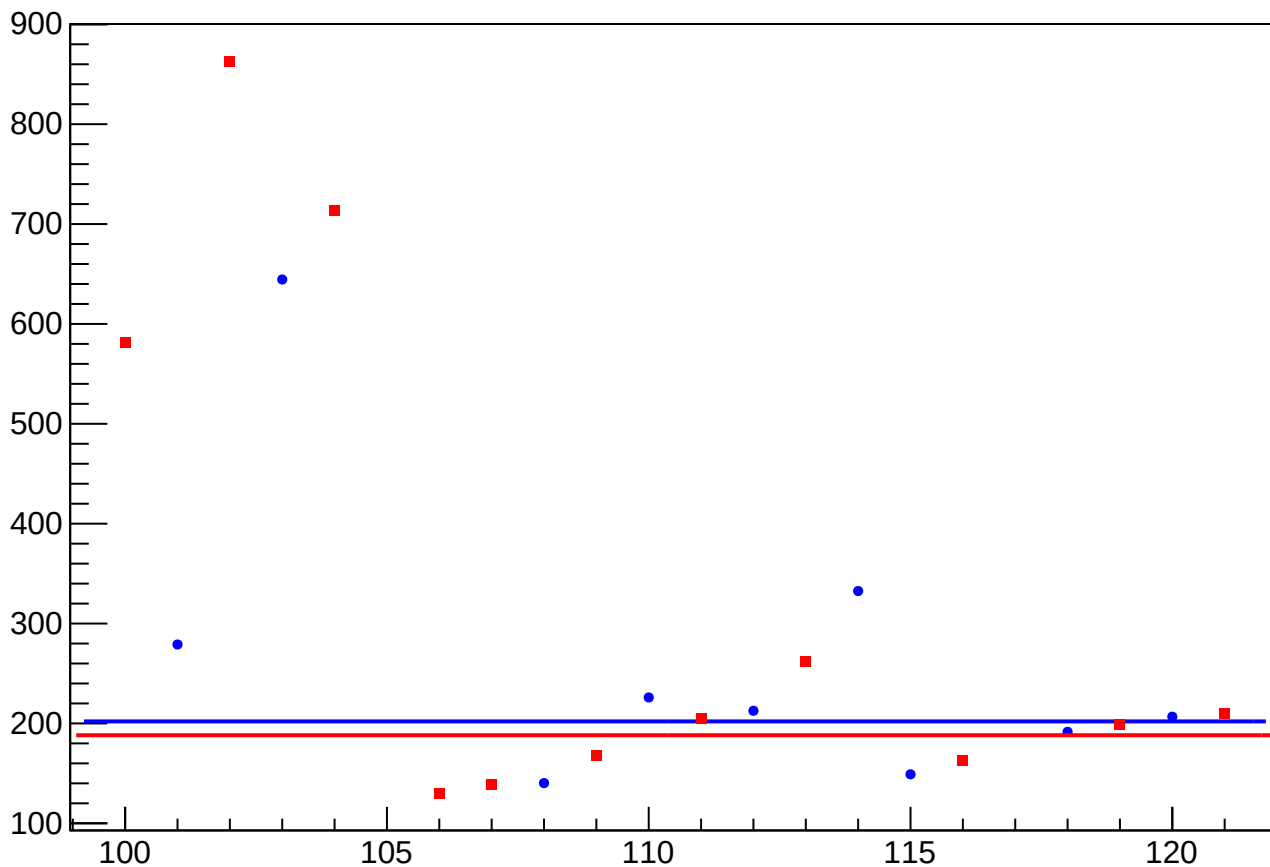
Right: 0.081+/-0.076 χ^2/NDF : 25.5/19

In: 0.046+/-0.115 χ^2/NDF :4.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.081+/-0.076 χ^2/NDF : 25.5/19

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.192+/-0.073 χ^2/NDF : 1328853.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

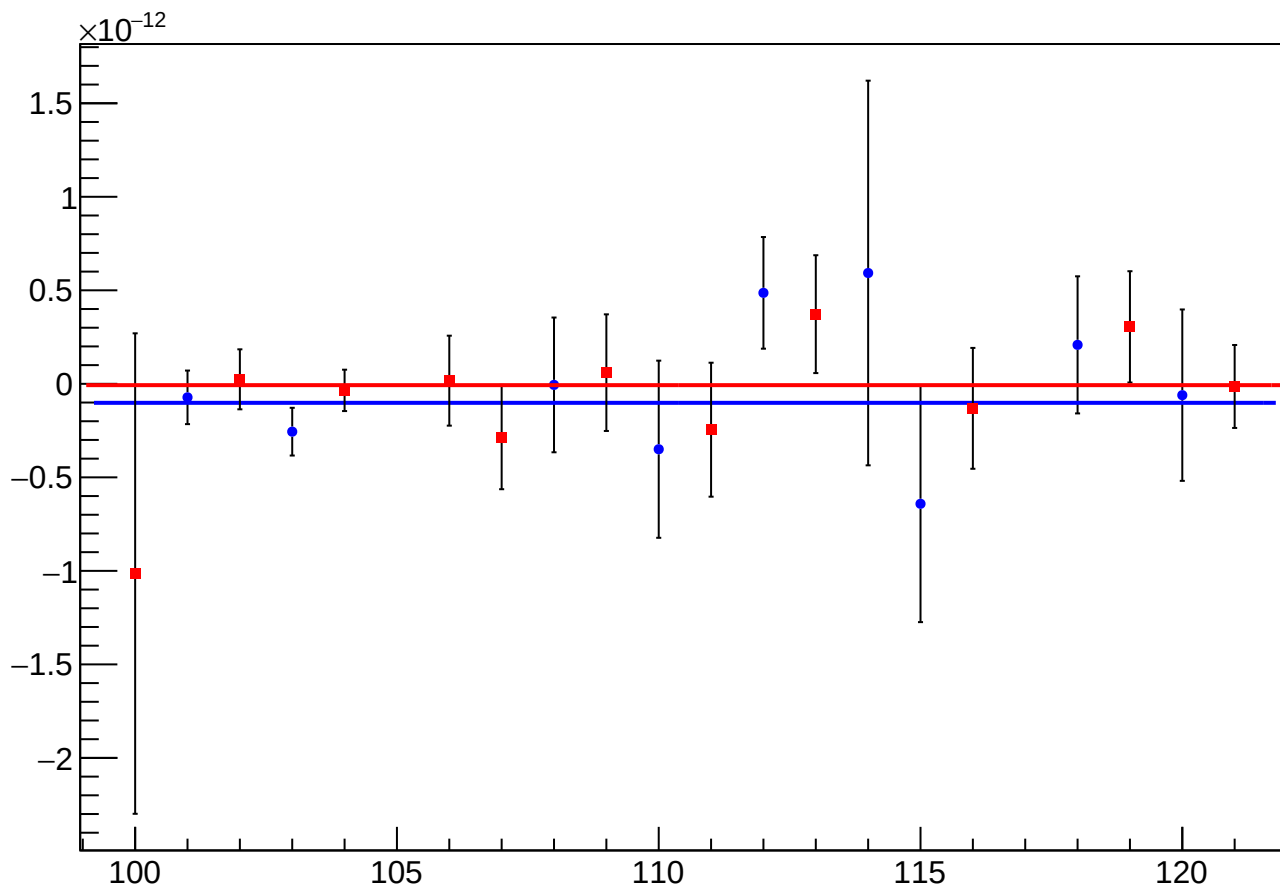
Right: 194.344+/-0.054 χ^2/NDF : 2220329.4/19

In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.344+/-0.054 χ^2/NDF : 2220329.4/19

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

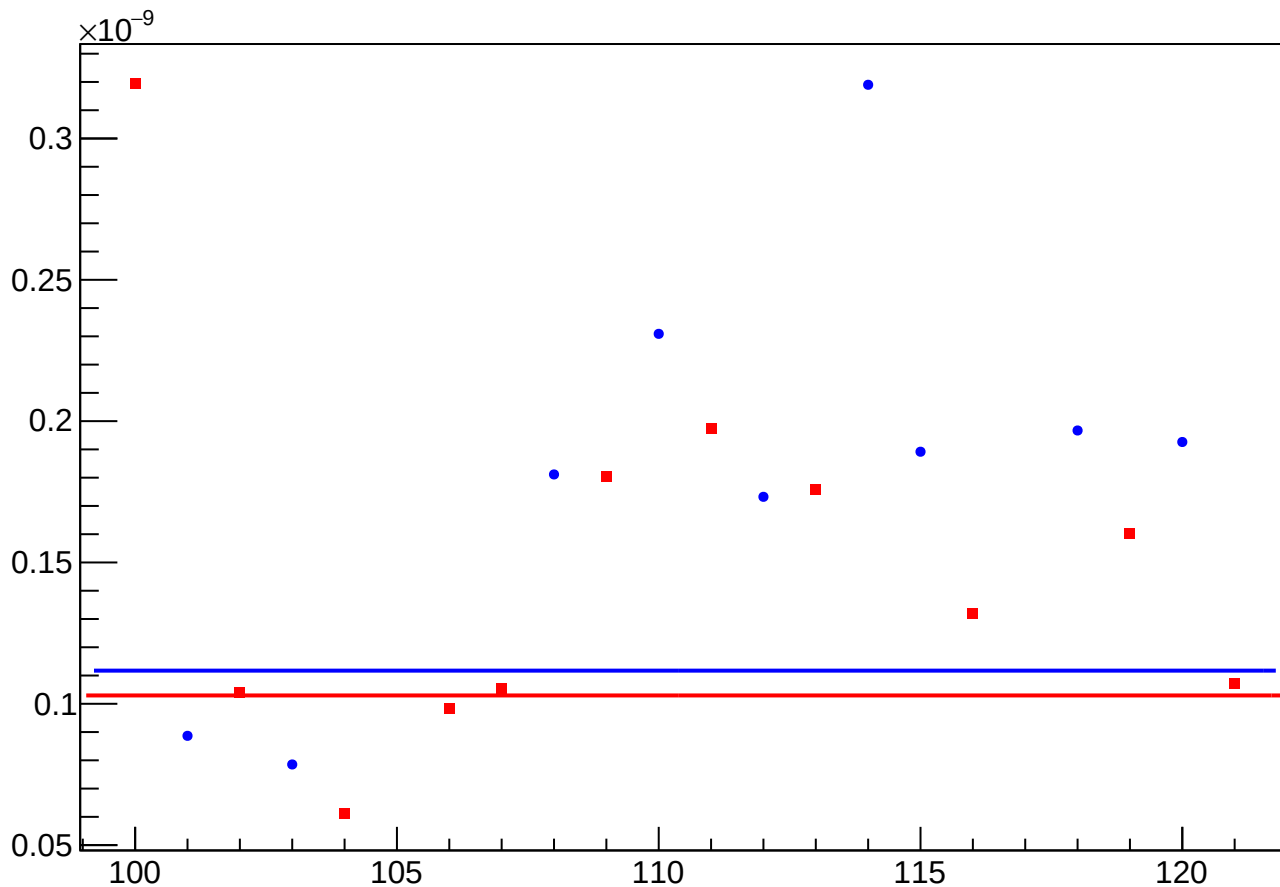
Right: -0.000+/-0.000 χ^2 /NDF: 13.3/19

In: -0.000+/-0.000 χ^2 /NDF:7.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.3/19

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 754113.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 805313.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

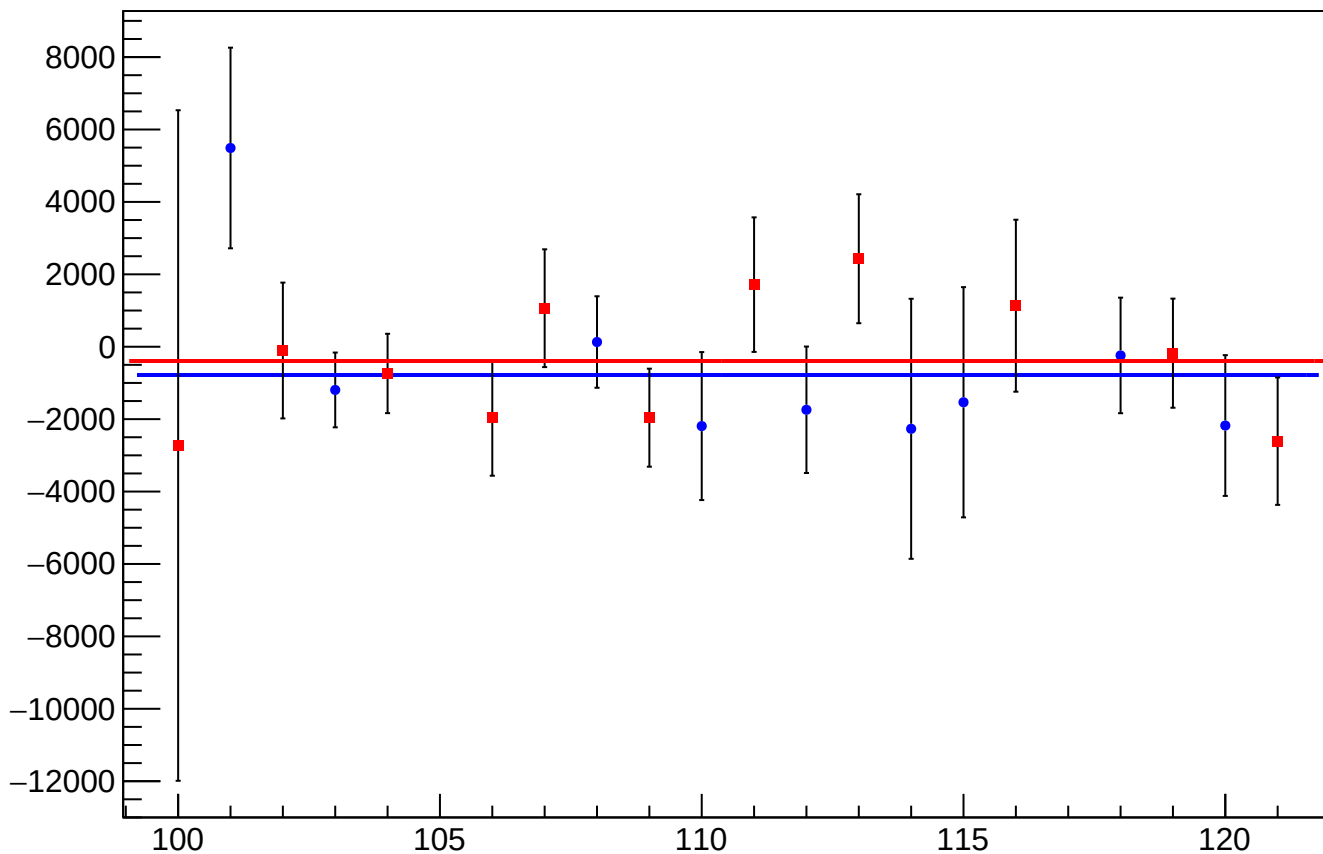
Right: 0.000+/-0.000 χ^2/NDF : 1573152.0/19

In: 0.000+/-0.000 χ^2/NDF : 754113.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1573152.0/19

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -780.441+/-568.398 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.142+/-500.609 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

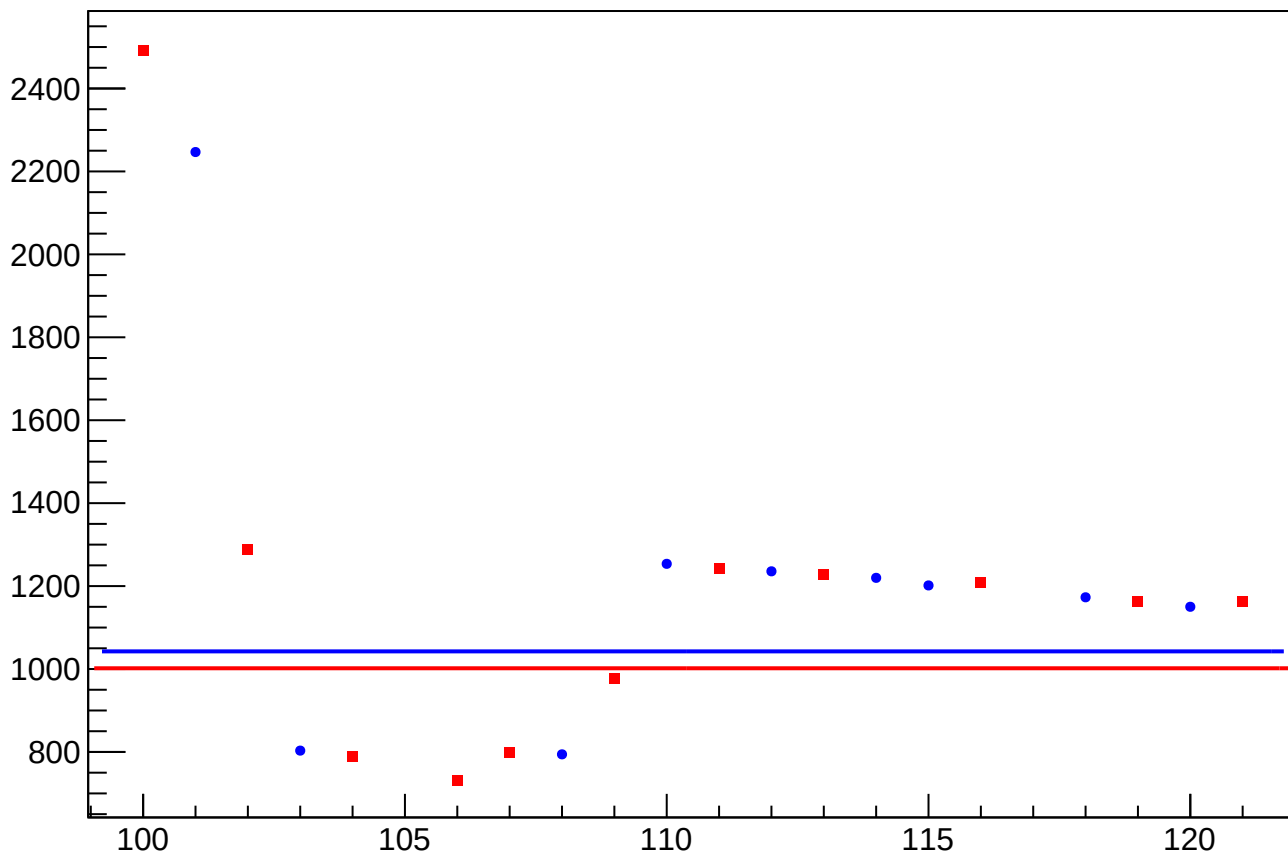
Right: -562.893+/-375.676 χ^2/NDF : 16.8/19

In: -780.441+/-568.398 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -562.893+/-375.676 χ^2/NDF : 16.8/19

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1042.551+/-0.402 χ^2/NDF : 637543.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.803+/-0.350 χ^2/NDF : 397760.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

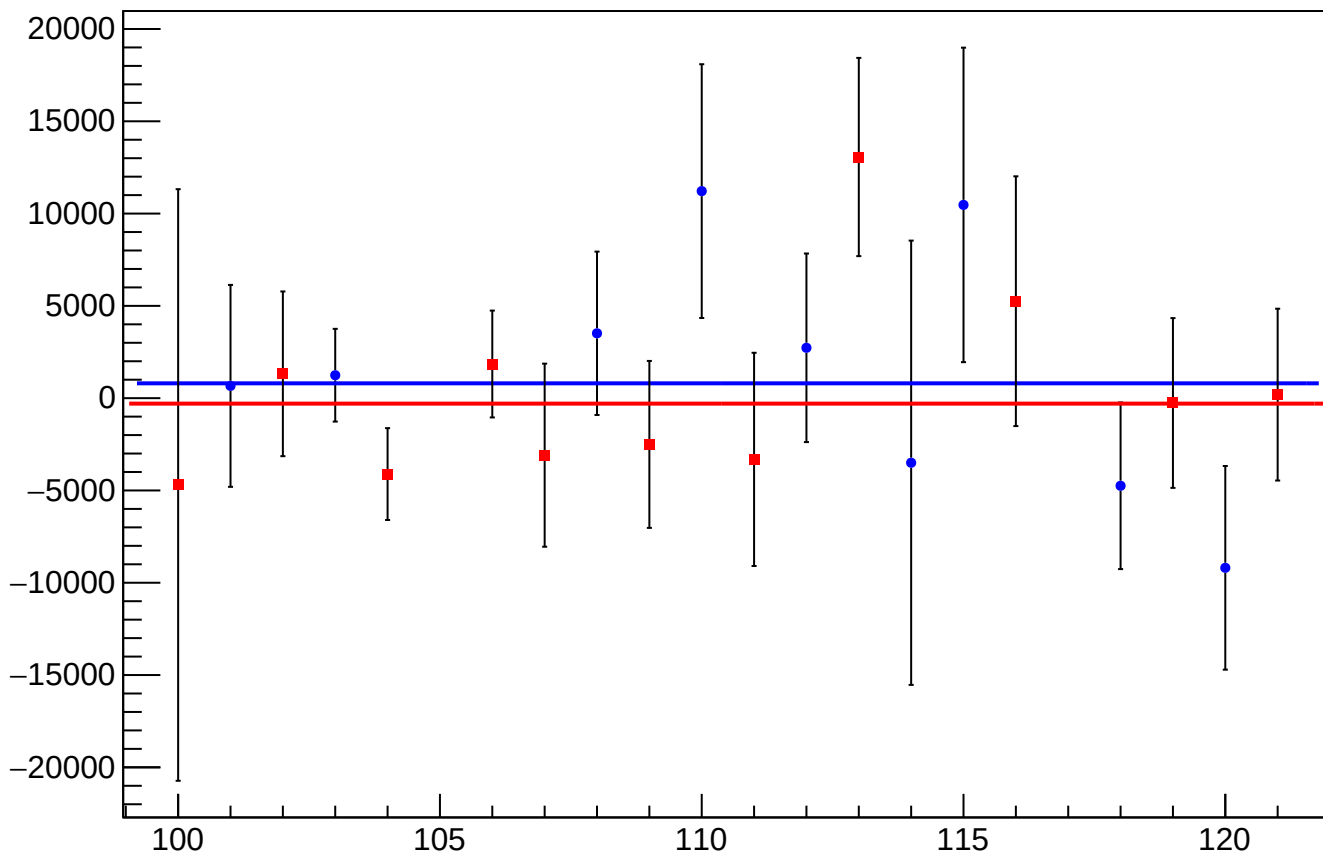
Right: 1019.358+/-0.264 χ^2/NDF : 1041153.9/19

In: 1042.551+/-0.402 χ^2/NDF : 637543.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.358+/-0.264 χ^2/NDF : 1041153.9/19

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 804.002+/-1571.253 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -295.439+/-1286.142 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

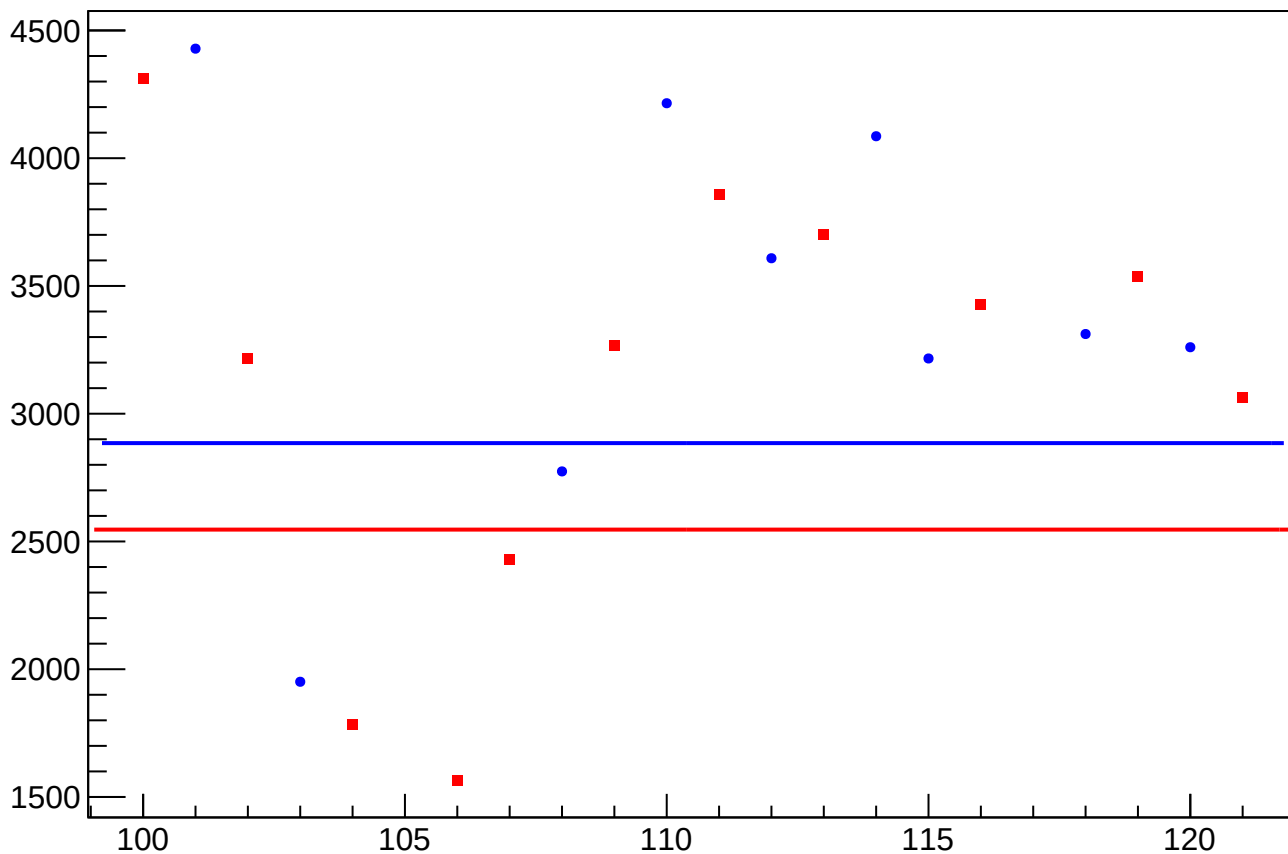
Right: 145.661+/-995.242 χ^2/NDF : 20.2/19

In: 804.002+/-1571.253 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 145.661+/-995.242 χ^2/NDF : 20.2/19

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2884.914+/-1.111 χ^2/NDF : 602128.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2546.429+/-0.909 χ^2/NDF : 885712.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

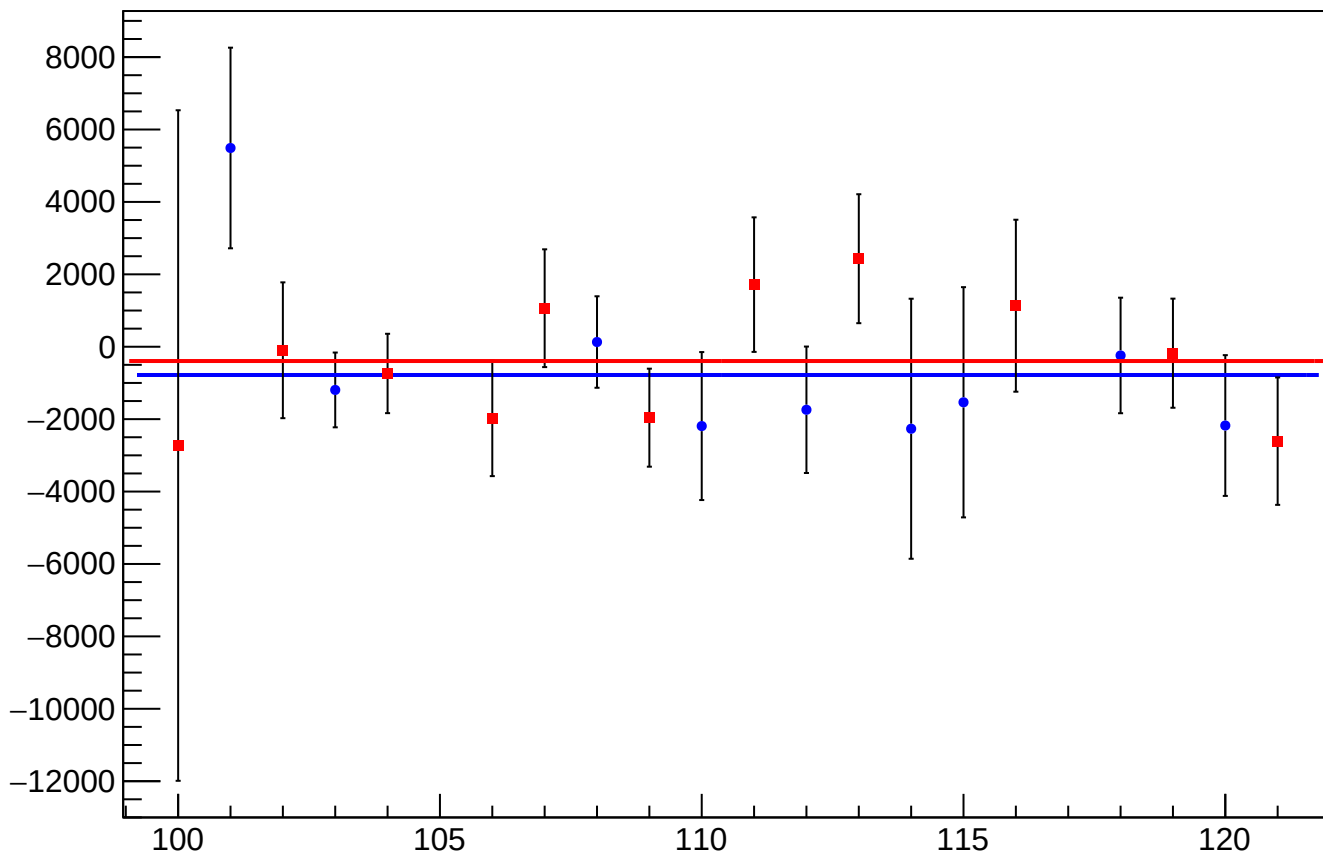
Right: 2682.231+/-0.704 χ^2/NDF : 1543417.9/19

In: 2884.914+/-1.111 χ^2/NDF : 602128.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2682.231+/-0.704 χ^2/NDF : 1543417.9/19

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.596+/-500.616 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

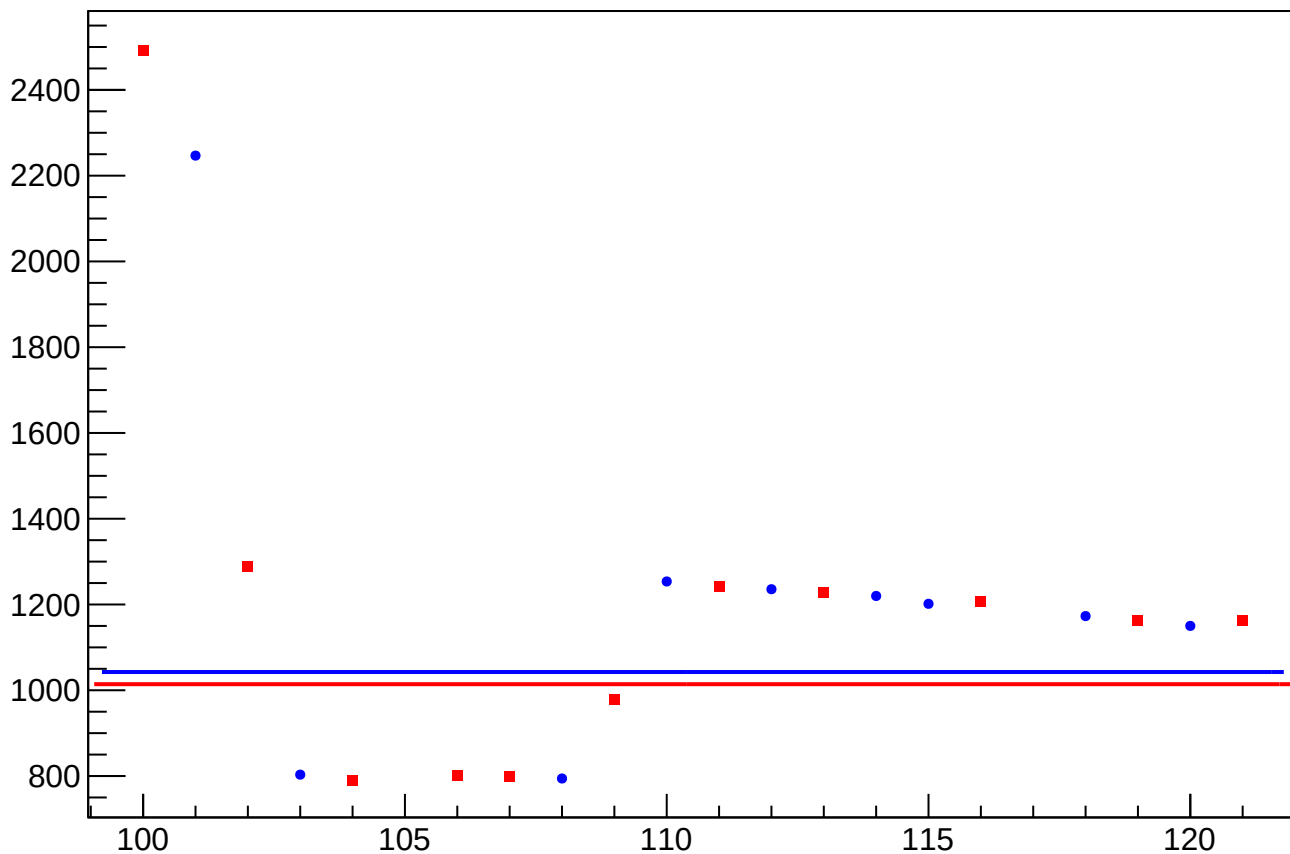
Right: -563.102+/-375.680 χ^2/NDF : 16.8/19

In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.102+/-375.680 χ^2/NDF : 16.8/19

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.132+/-0.353 χ^2/NDF : 358184.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

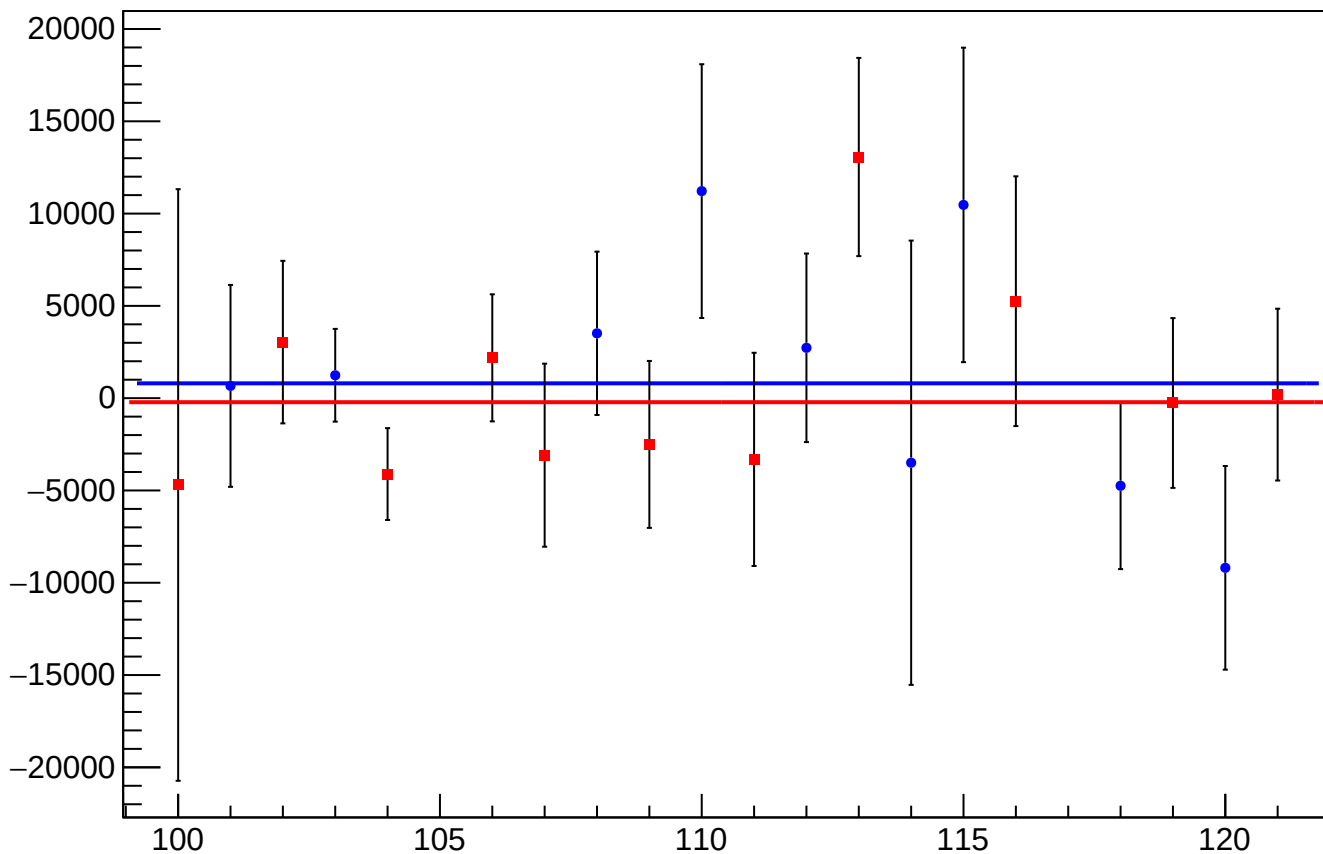
Right: 1026.507+/-0.265 χ^2/NDF : 998548.2/19

In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.507+/-0.265 χ^2/NDF : 998548.2/19

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.092+/-1323.483 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

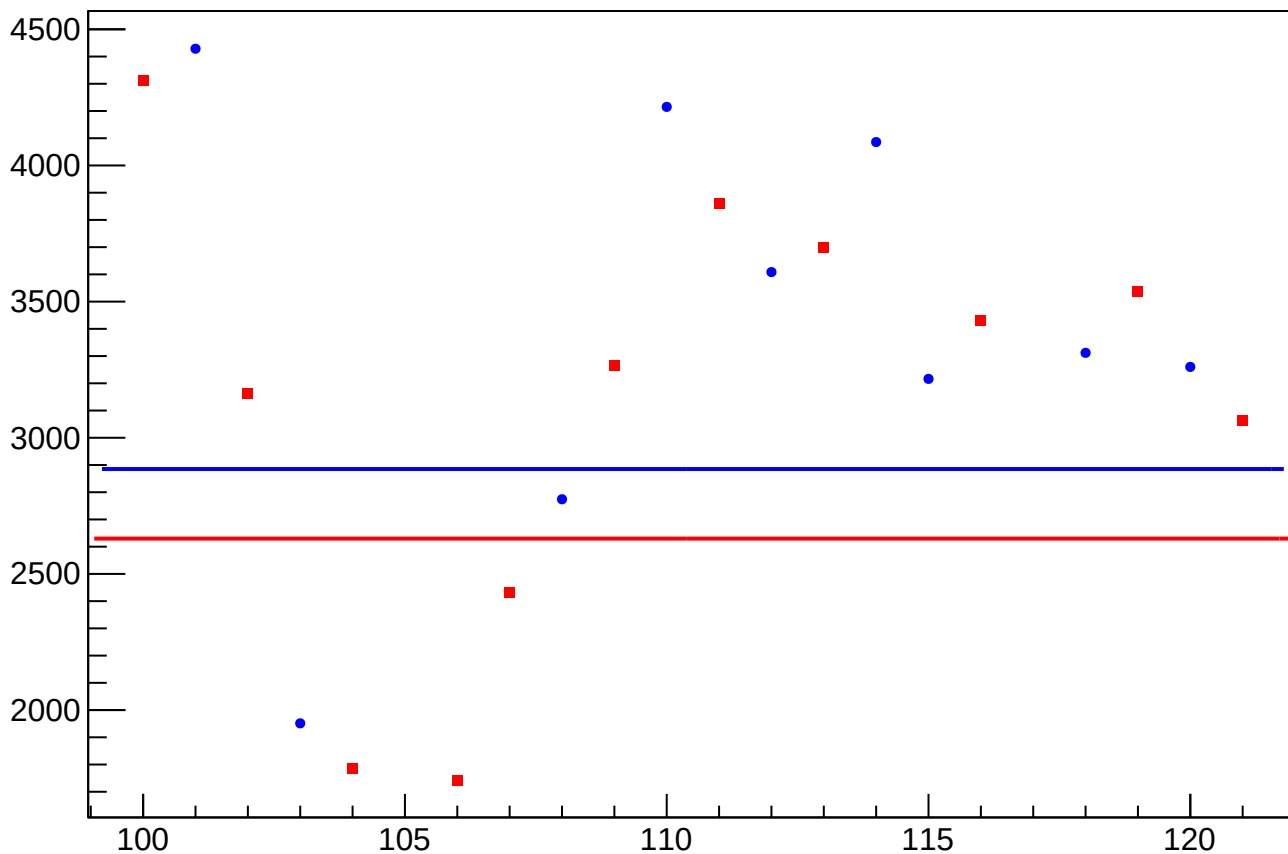
Right: 205.717+/-1012.272 χ^2/NDF : 20.5/19

In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.717+/-1012.272 χ^2/NDF : 20.5/19

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2629.674+/-0.936 χ^2/NDF : 751348.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

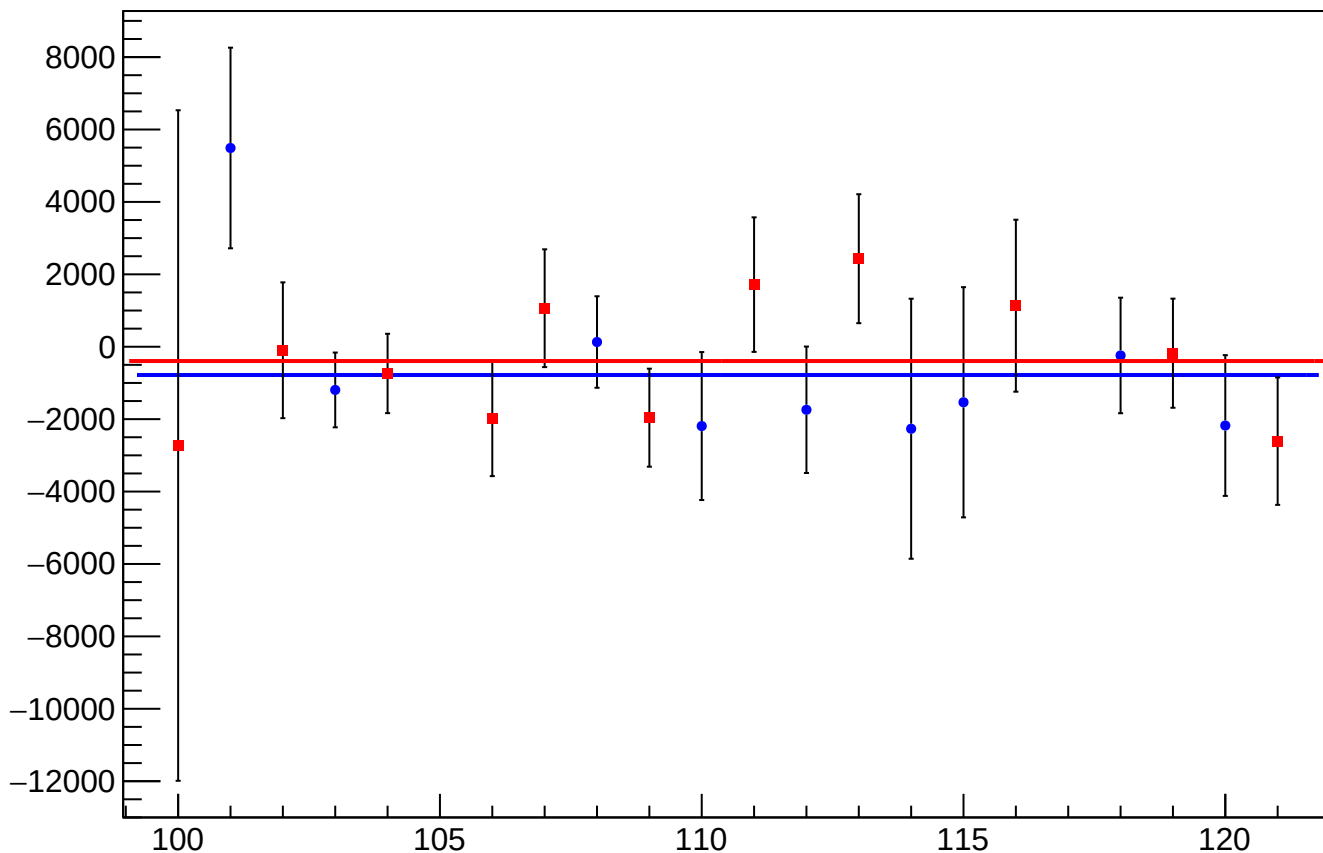
Right: 2735.707+/-0.716 χ^2/NDF : 1384104.1/19

In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2735.707+/-0.716 χ^2/NDF : 1384104.1/19

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.596+/-500.616 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

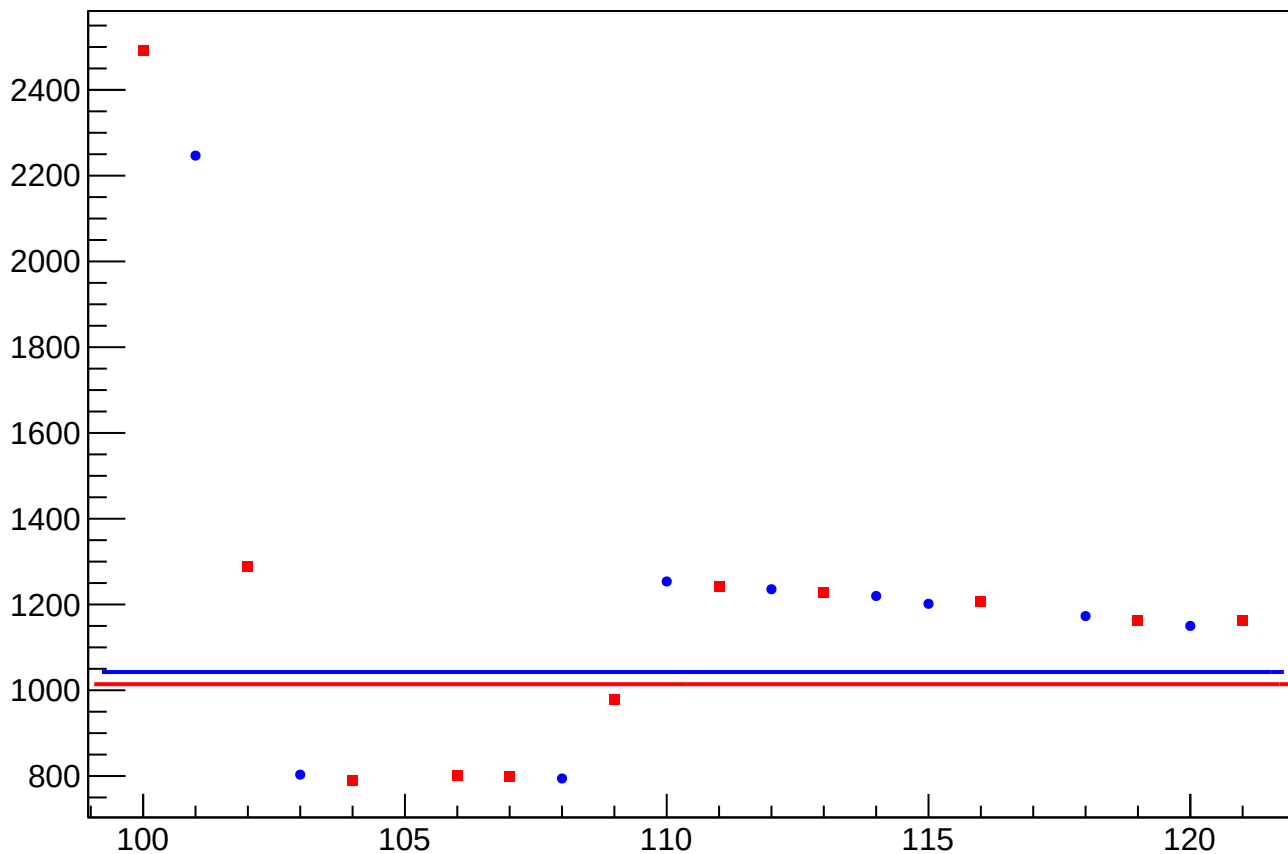
Right: -563.102+/-375.680 χ^2/NDF : 16.8/19

In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.102+/-375.680 χ^2/NDF : 16.8/19

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.132+/-0.353 χ^2/NDF : 358184.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

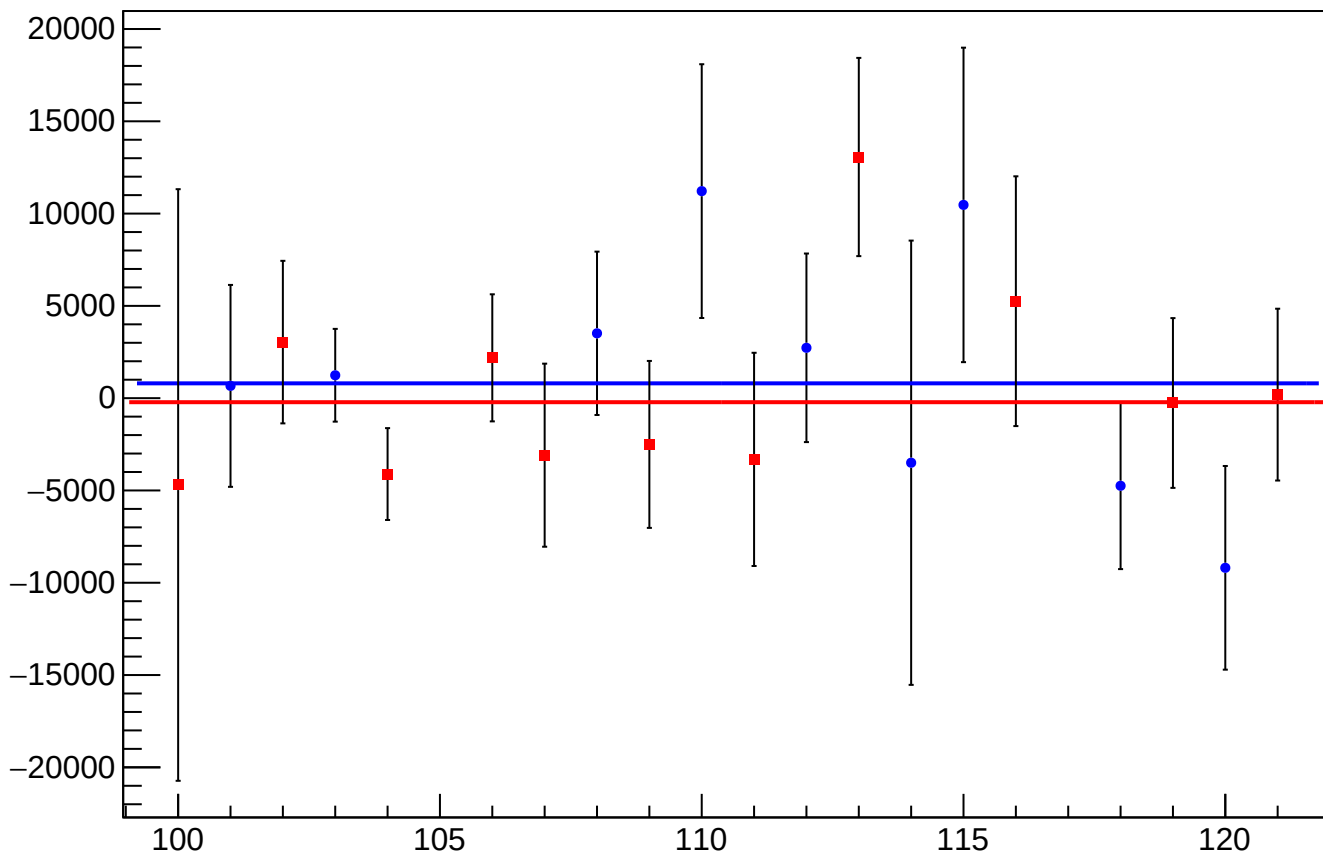
Right: 1026.507+/-0.265 χ^2/NDF : 998548.2/19

In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.507+/-0.265 χ^2/NDF : 998548.2/19

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -218.092+/-1323.483 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

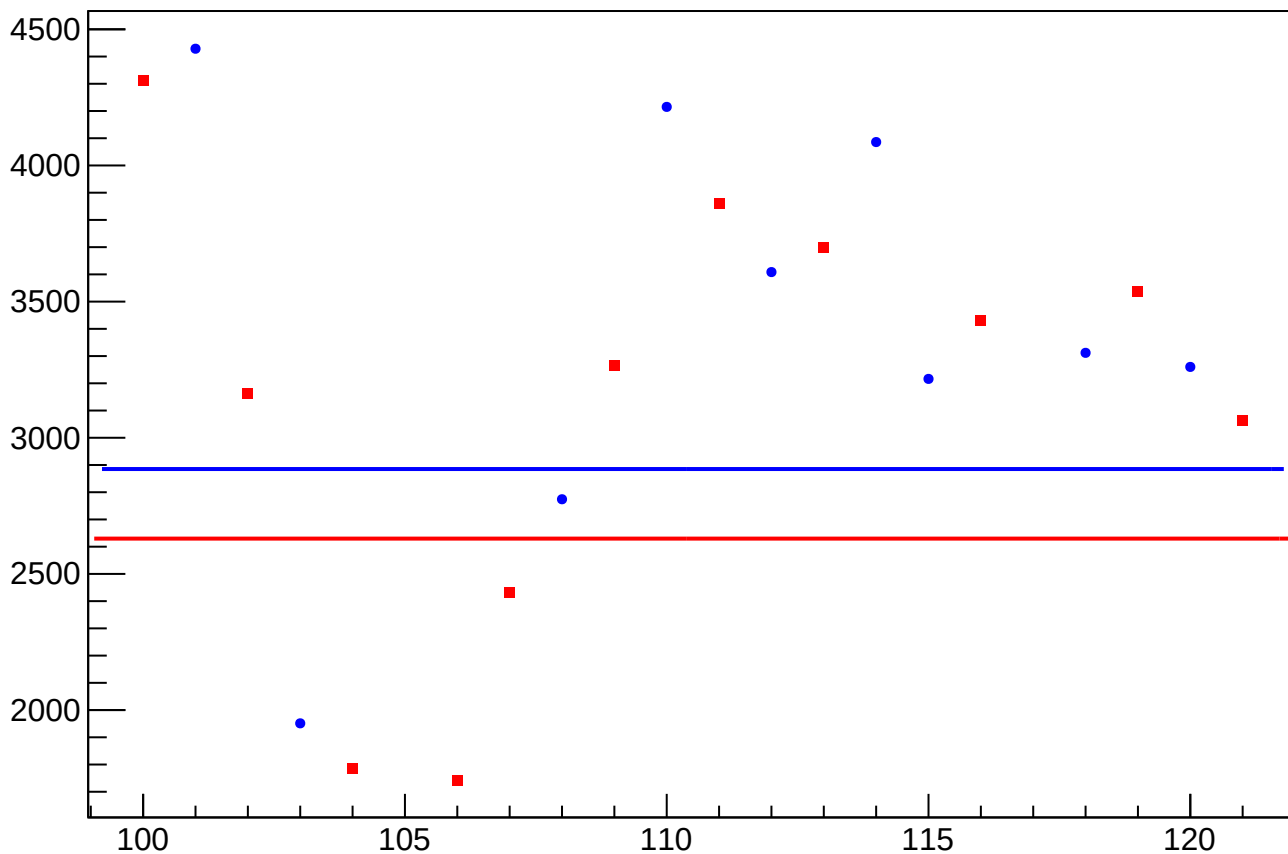
Right: 205.717+/-1012.272 χ^2/NDF : 20.5/19

In: 803.141+/-1571.357 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.717+/-1012.272 χ^2/NDF : 20.5/19

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2629.674+/-0.936 χ^2/NDF : 751348.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

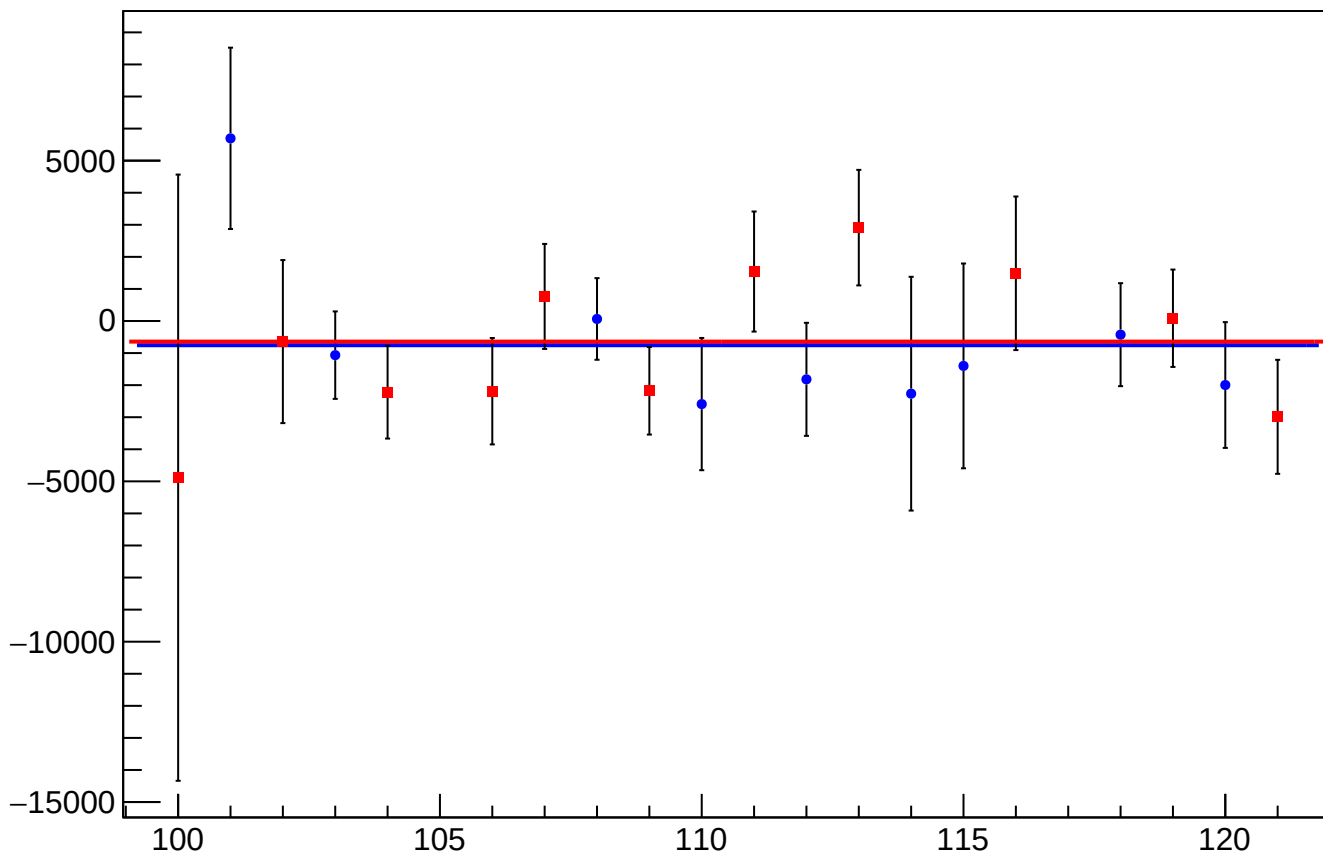
Right: 2735.707+/-0.716 χ^2/NDF : 1384104.1/19

In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2735.707+/-0.716 χ^2/NDF : 1384104.1/19

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -755.158+/-613.268 χ^2 /NDF: 7.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -642.351+/-539.439 χ^2 /NDF: 12.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

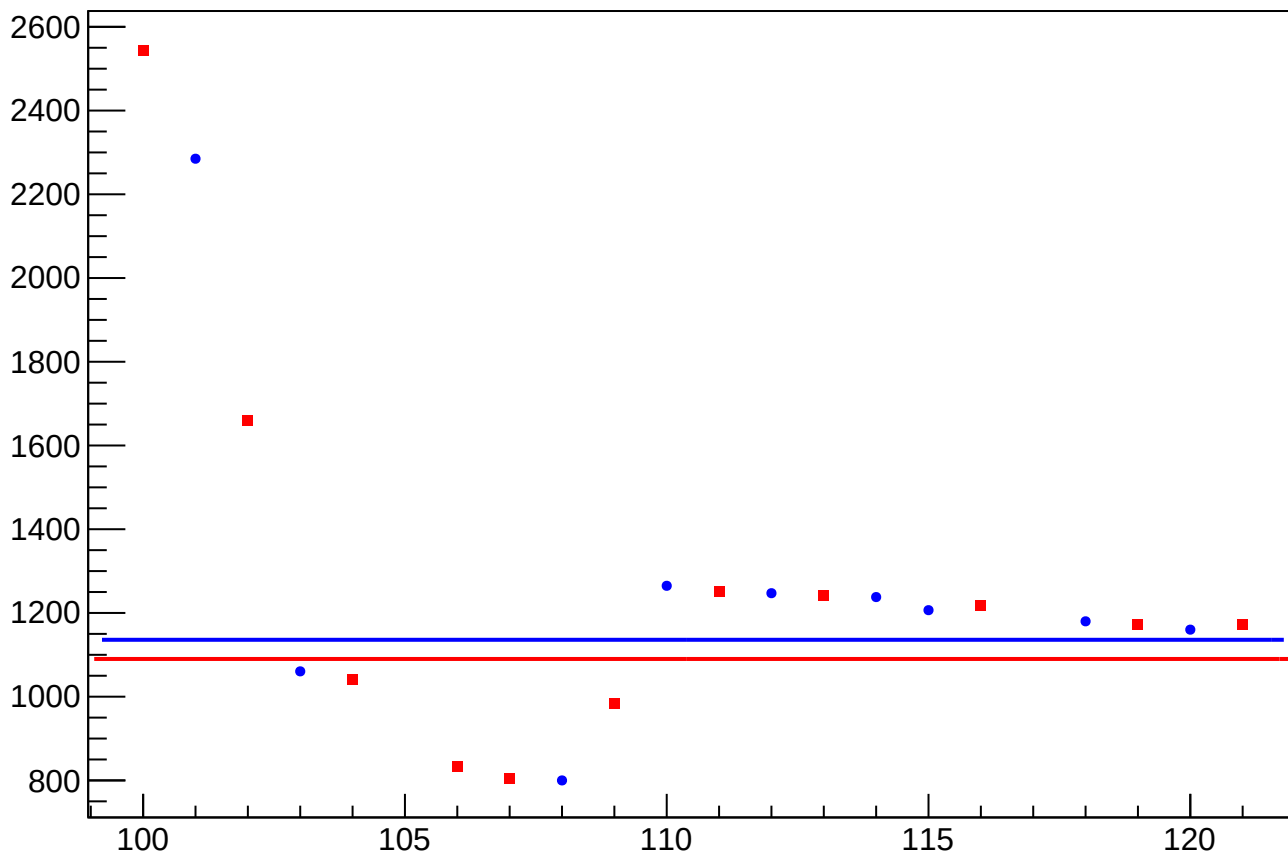
Right: -691.559+/-405.042 χ^2 /NDF: 19.8/19

In: -755.158+/-613.268 χ^2 /NDF:7.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -691.559+/-405.042 χ^2 /NDF: 19.8/19

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1135.893+/-0.434 χ^2/NDF : 495933.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1090.090+/-0.381 χ^2/NDF : 316499.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

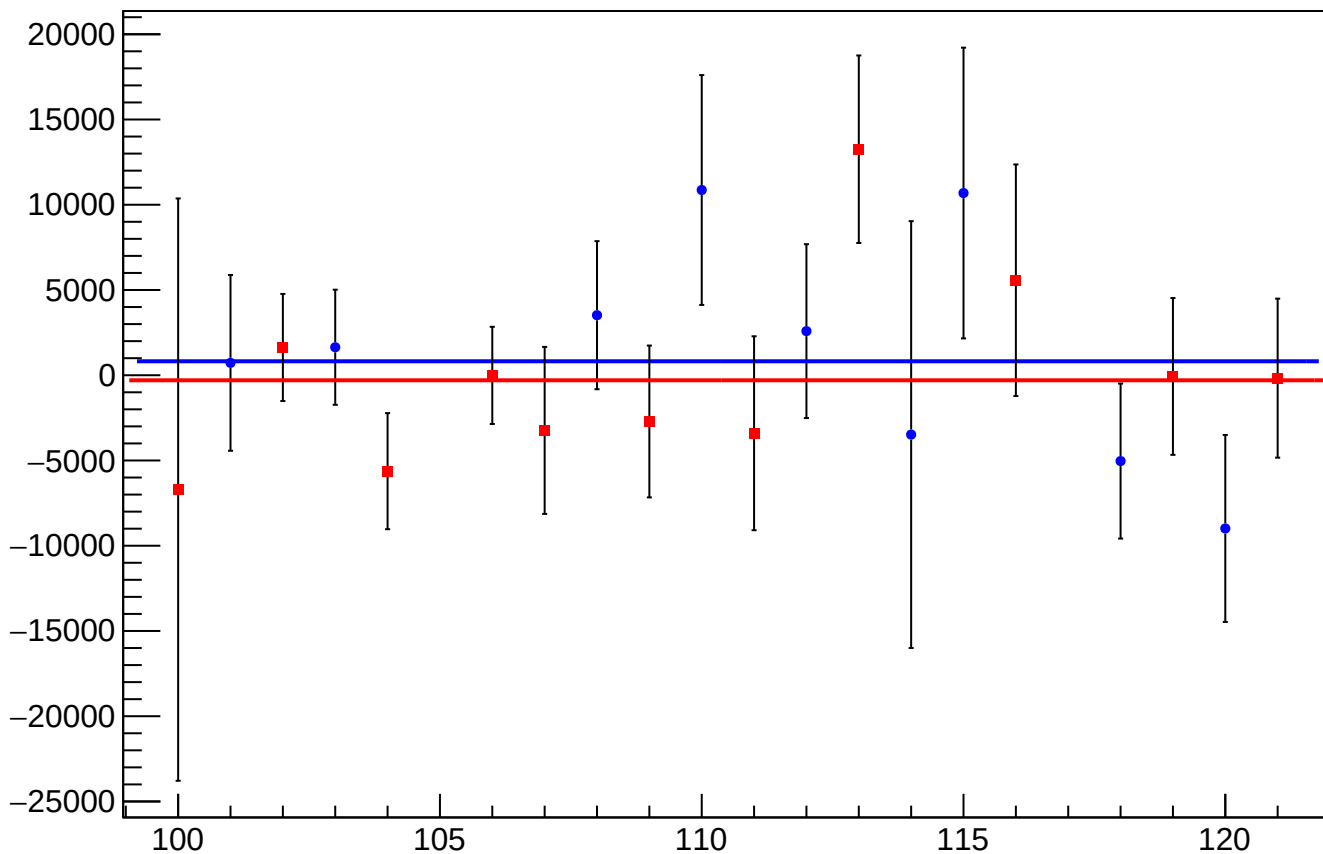
Right: 1110.054+/-0.286 χ^2/NDF : 818725.4/19

In: 1135.893+/-0.434 χ^2/NDF : 495933.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.054+/-0.286 χ^2/NDF : 818725.4/19

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 819.234+/-1713.419 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -296.464+/-1307.111 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

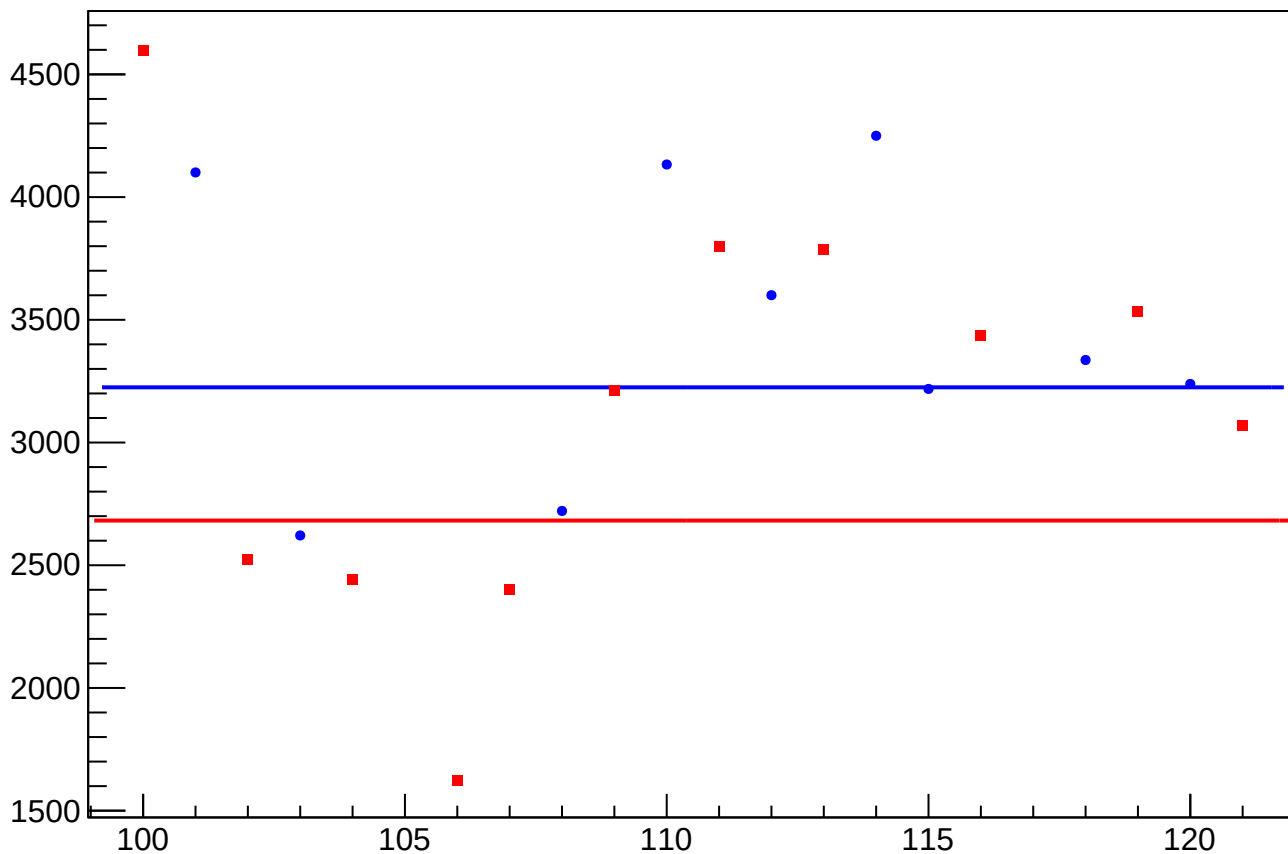
Right: 113.974+/-1039.235 χ^2/NDF : 20.1/19

In: 819.234+/-1713.419 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.974+/-1039.235 χ^2/NDF : 20.1/19

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3224.895+/-1.212 χ^2/NDF : 210253.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2682.103+/-0.924 χ^2/NDF : 615958.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

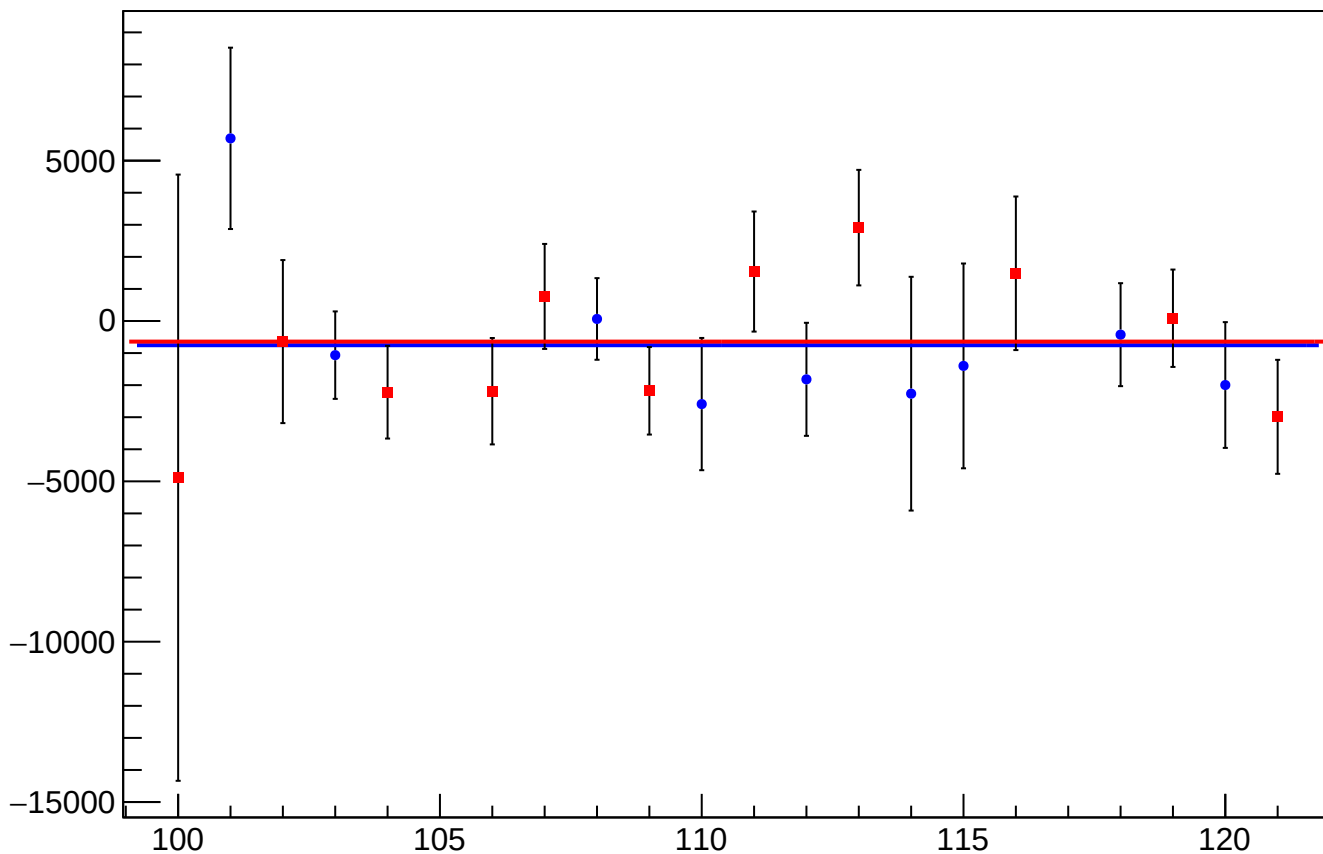
Right: 2881.783+/-0.735 χ^2/NDF : 953085.7/19

In: 3224.895+/-1.212 χ^2/NDF : 210253.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.783+/-0.735 χ^2/NDF : 953085.7/19

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -755.152+/-613.268 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -642.354+/-539.439 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

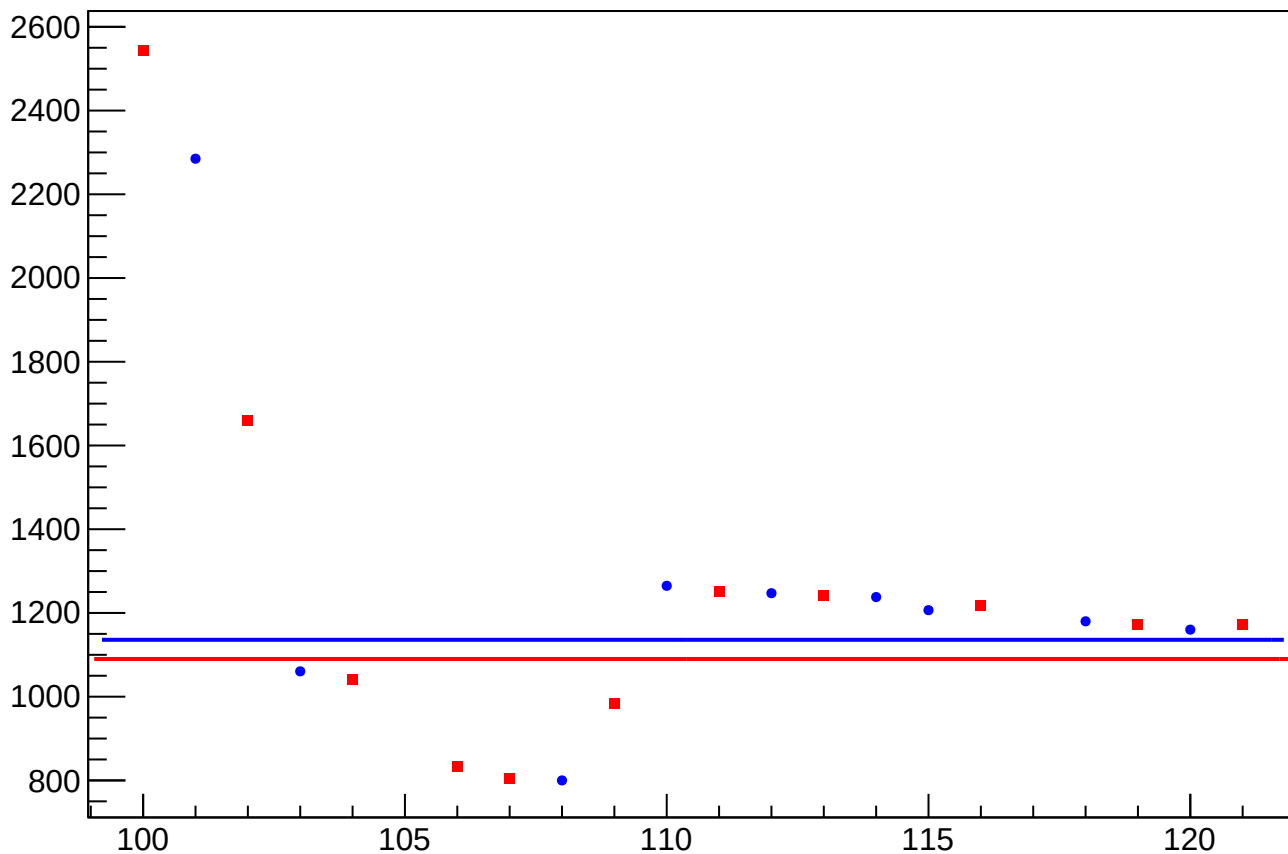
Right: -691.558+/-405.042 χ^2/NDF : 19.8/19

In: -755.152+/-613.268 χ^2/NDF :7.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -691.558+/-405.042 χ^2/NDF : 19.8/19

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1135.893+/-0.434 χ^2/NDF : 495933.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1090.091+/-0.381 χ^2/NDF : 316498.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

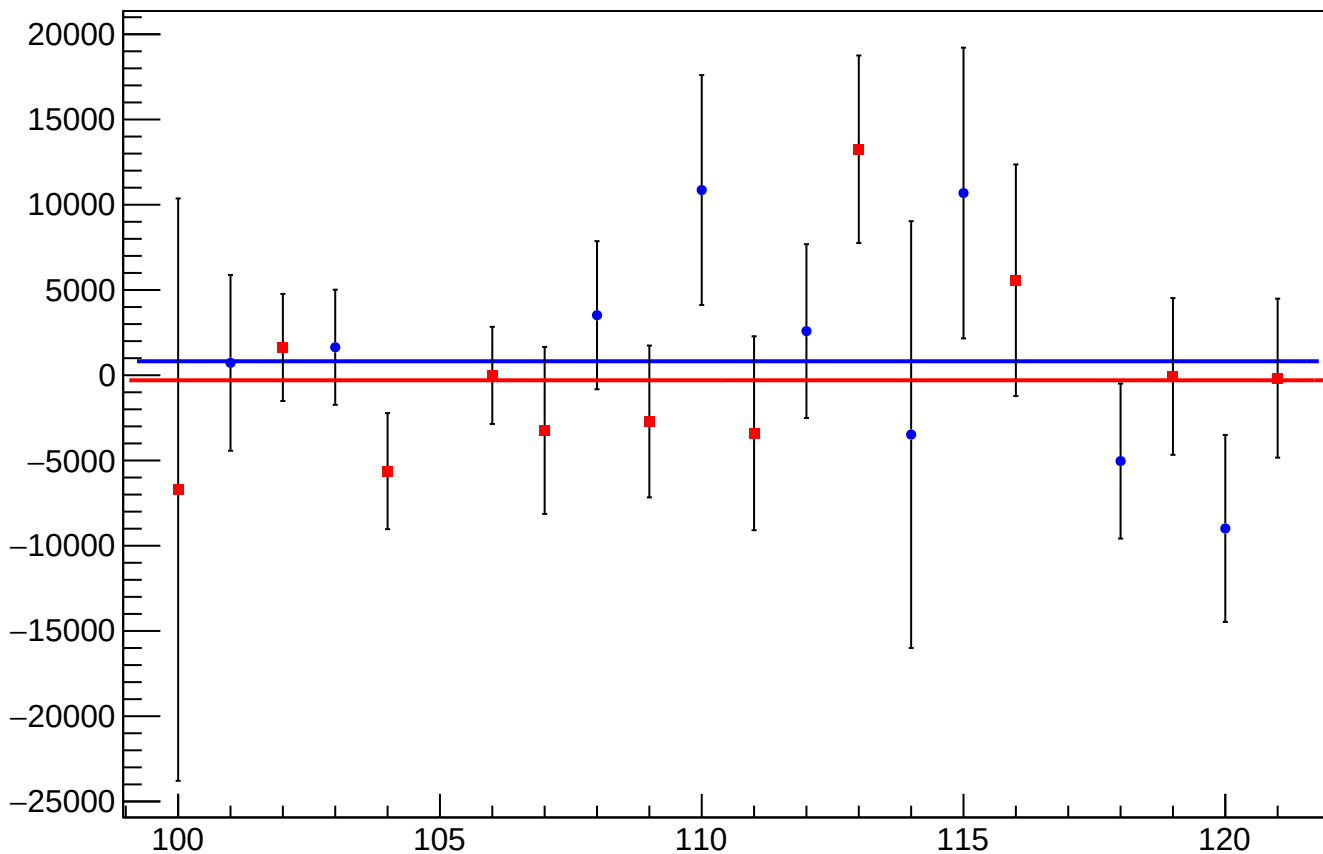
Right: 1110.054+/-0.286 χ^2/NDF : 818725.5/19

In: 1135.893+/-0.434 χ^2/NDF : 495933.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.054+/-0.286 χ^2/NDF : 818725.5/19

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 819.227+/-1713.418 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -296.471+/-1307.109 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

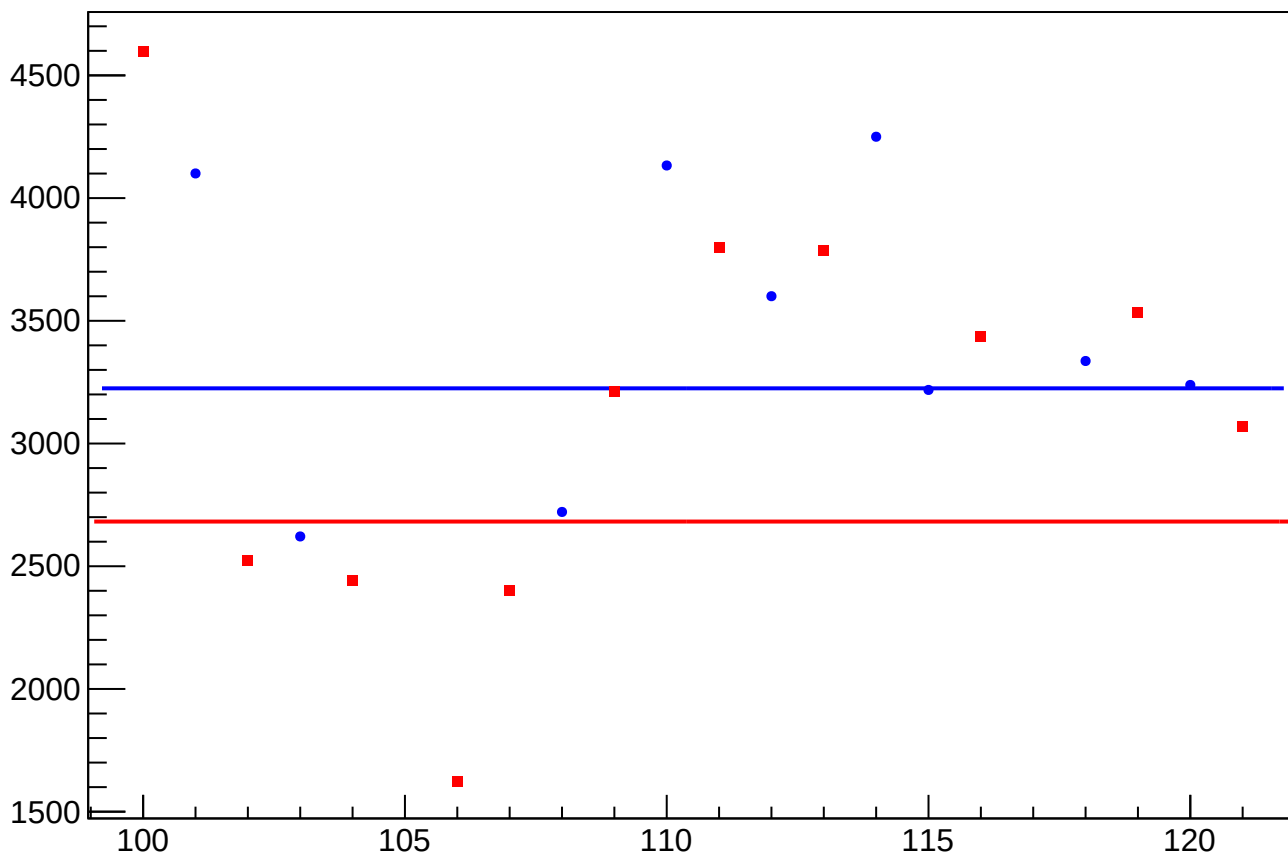
Right: 113.966+/-1039.234 χ^2/NDF : 20.1/19

In: 819.227+/-1713.418 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.966+/-1039.234 χ^2/NDF : 20.1/19

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3224.893+/-1.212 χ^2/NDF : 210250.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2682.098+/-0.924 χ^2/NDF : 615959.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

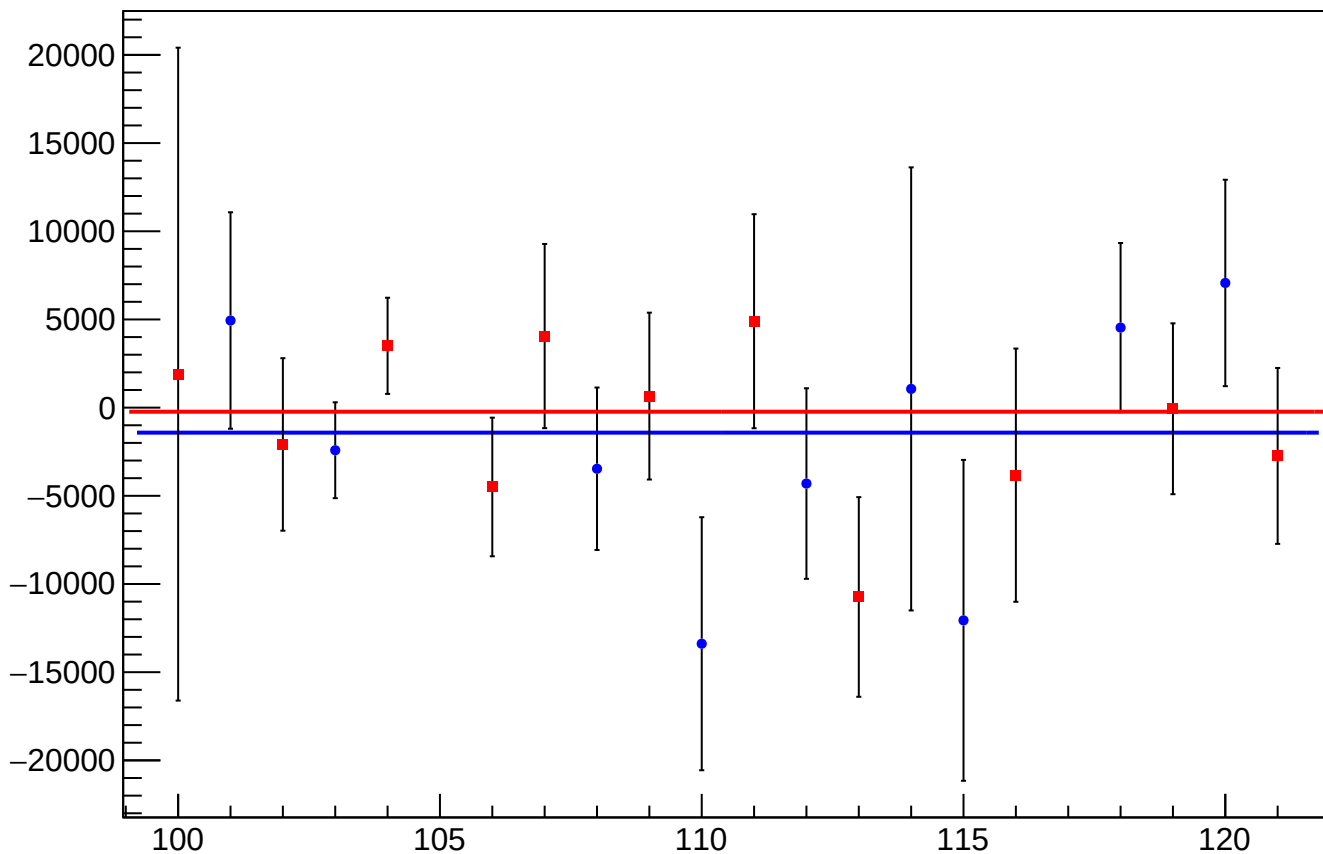
Right: 2881.779+/-0.735 χ^2/NDF : 953086.0/19

In: 3224.893+/-1.212 χ^2/NDF : 210250.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.779+/-0.735 χ^2/NDF : 953086.0/19

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1418.196+/-1681.027 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -231.495+/-1434.440 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

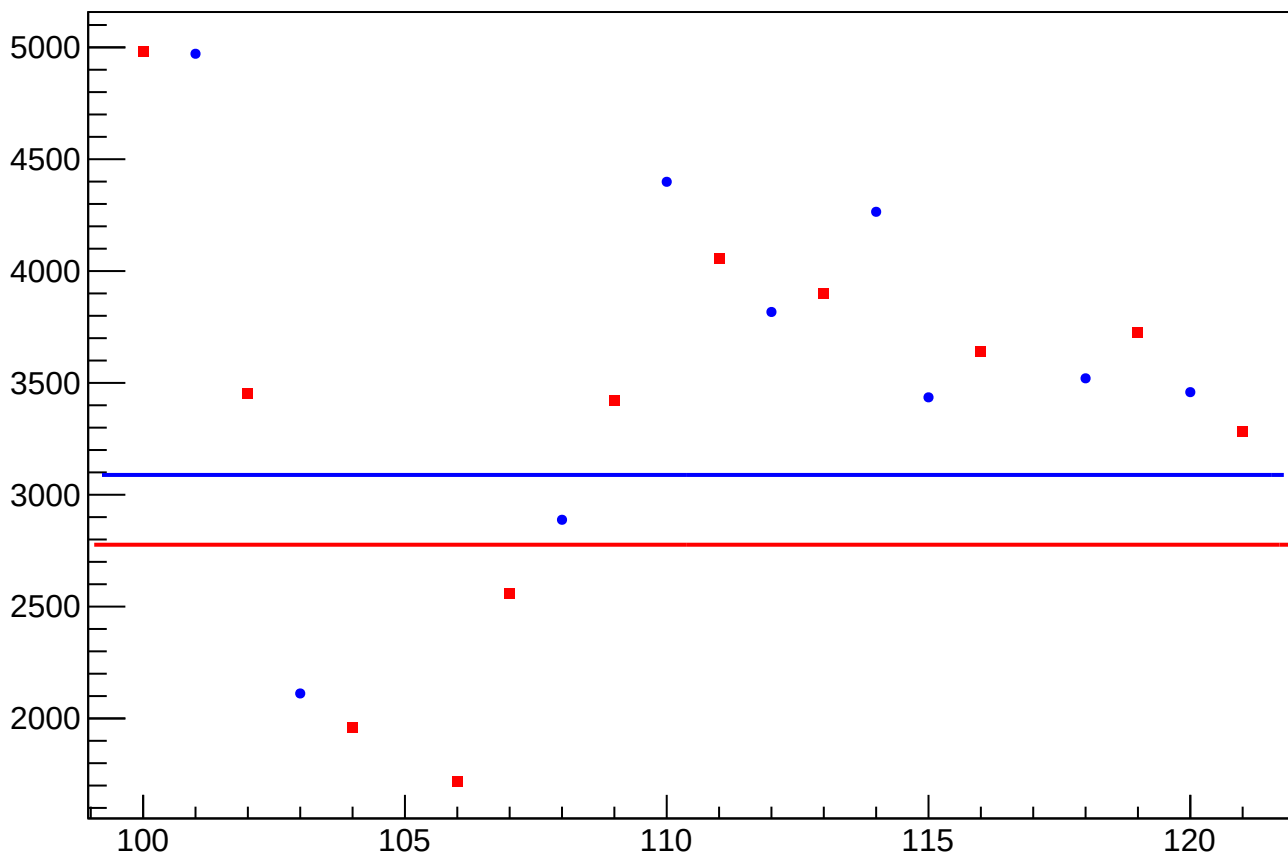
Right: -731.504+/-1091.171 χ^2/NDF : 18.4/19

In: -1418.196+/-1681.027 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -731.504+/-1091.171 χ^2/NDF : 18.4/19

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3088.606+/-1.189 χ^2/NDF : 598190.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2776.613+/-0.991 χ^2/NDF : 778028.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

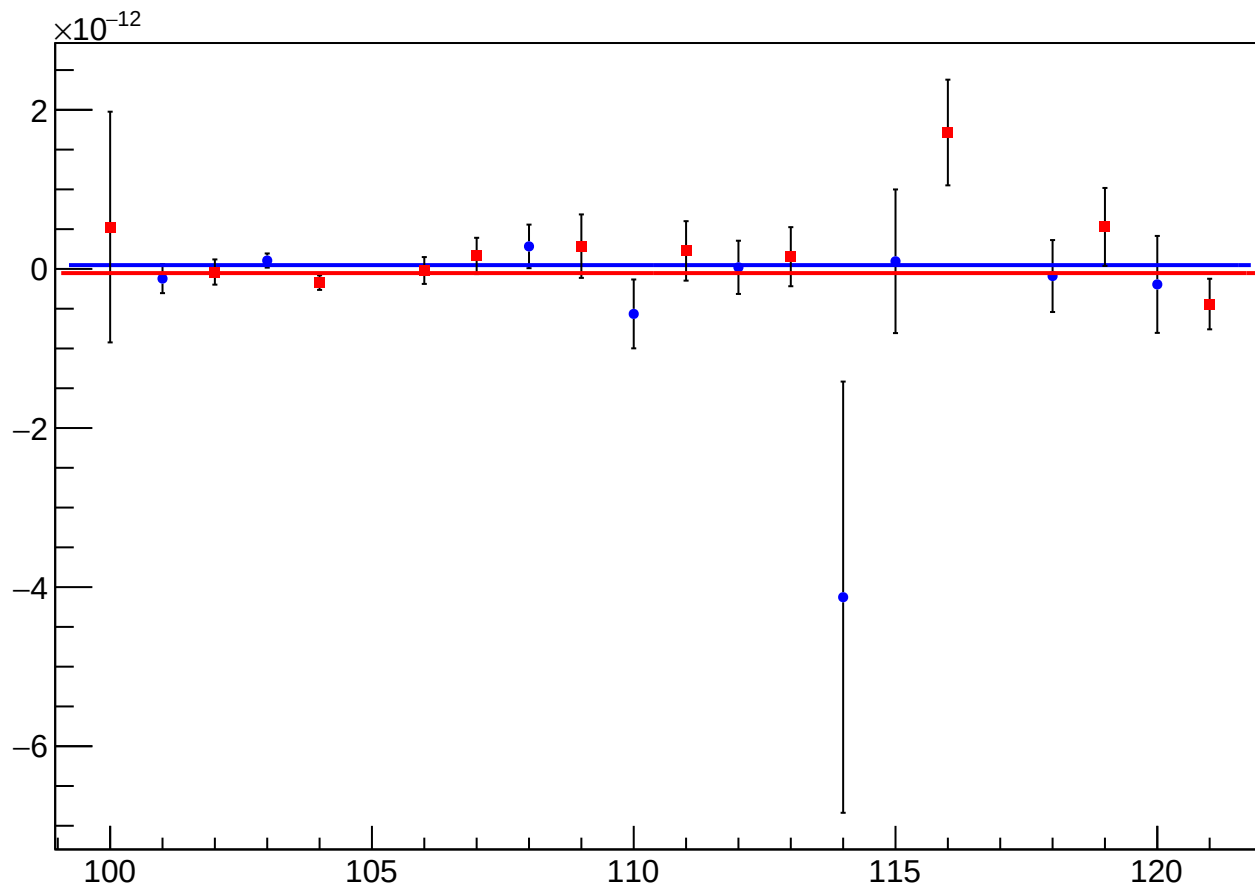
Right: 2904.577+/-0.761 χ^2/NDF : 1416855.5/19

In: 3088.606+/-1.189 χ^2/NDF : 598190.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2904.577+/-0.761 χ^2/NDF : 1416855.5/19

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

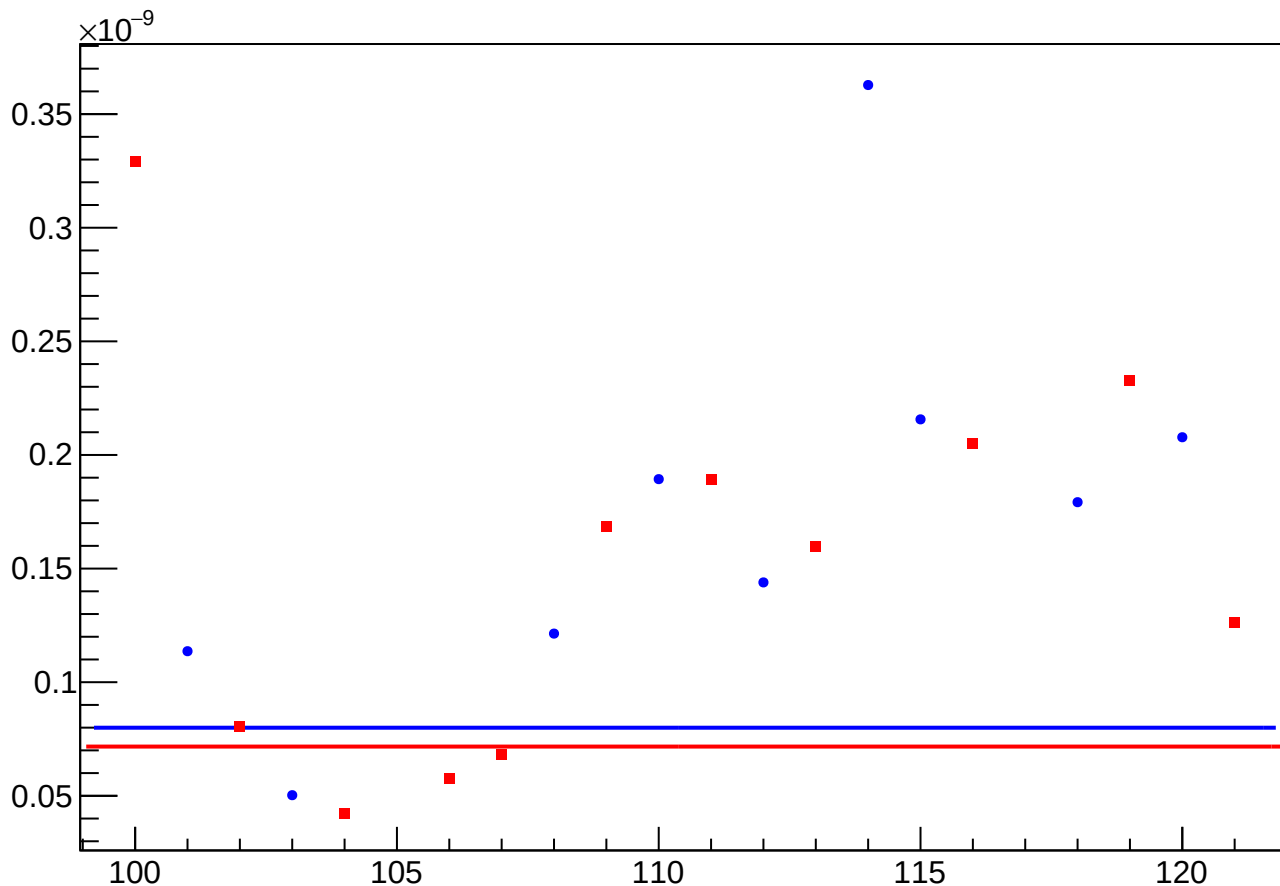
Right: -0.000+/-0.000 χ^2/NDF : 22.1/19

In: 0.000+/-0.000 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.1/19

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 788177.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1075333.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

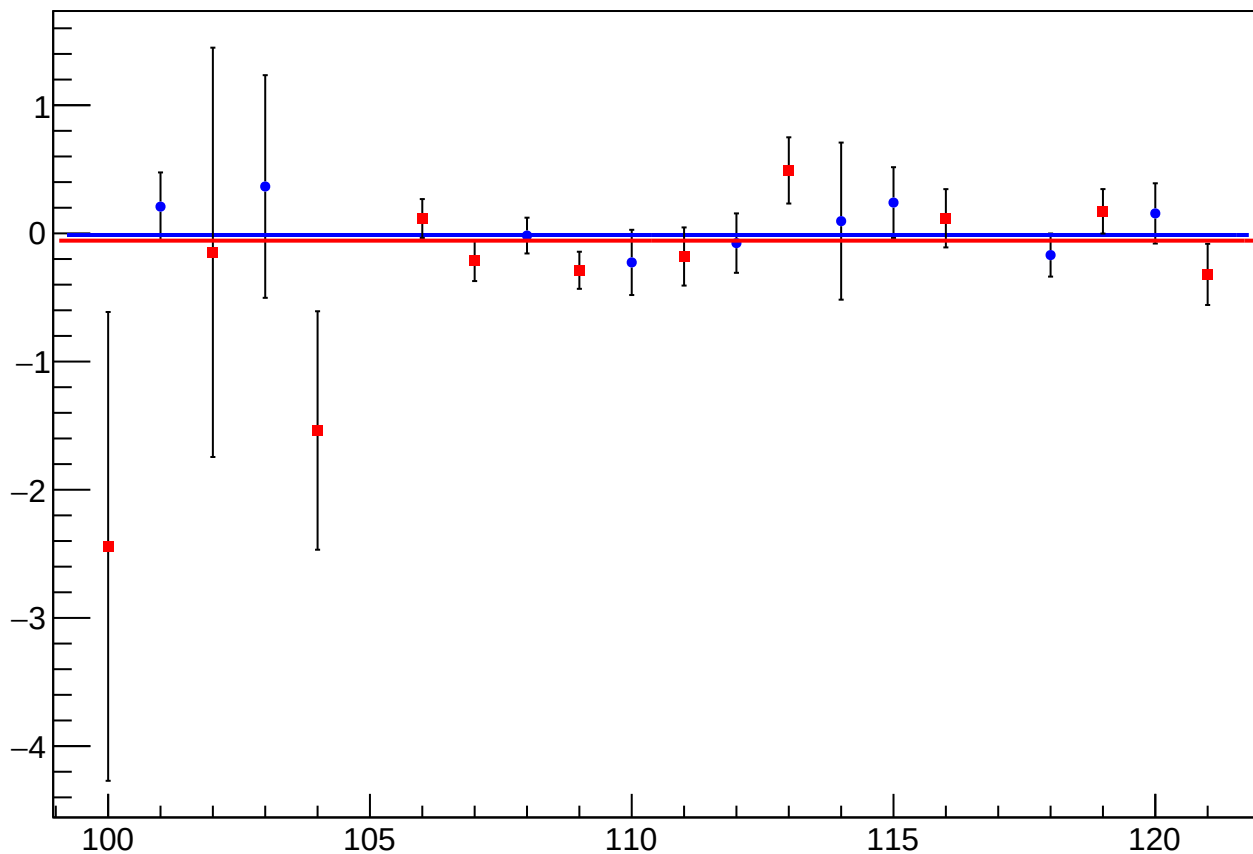
Right: 0.000+/-0.000 χ^2/NDF : 1878530.9/19

In: 0.000+/-0.000 χ^2/NDF : 788177.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1878530.9/19

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.077 χ^2/NDF : 3.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.065 χ^2/NDF : 17.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

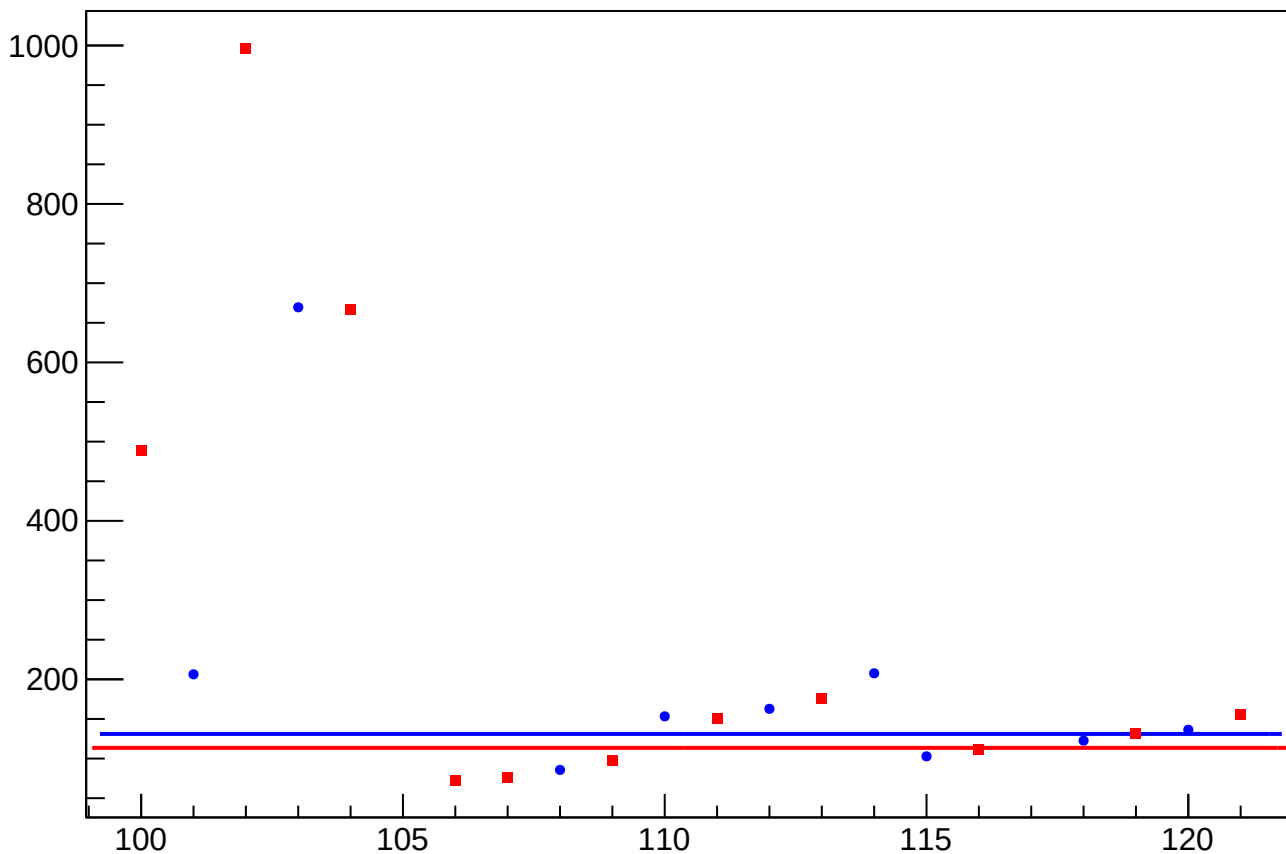
Right: -0.038 ± 0.050 χ^2/NDF : 21.5/19

In: -0.013 ± 0.077 χ^2/NDF : 3.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.050 χ^2/NDF : 21.5/19

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.504+/-0.046 χ^2/NDF : 1950577.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

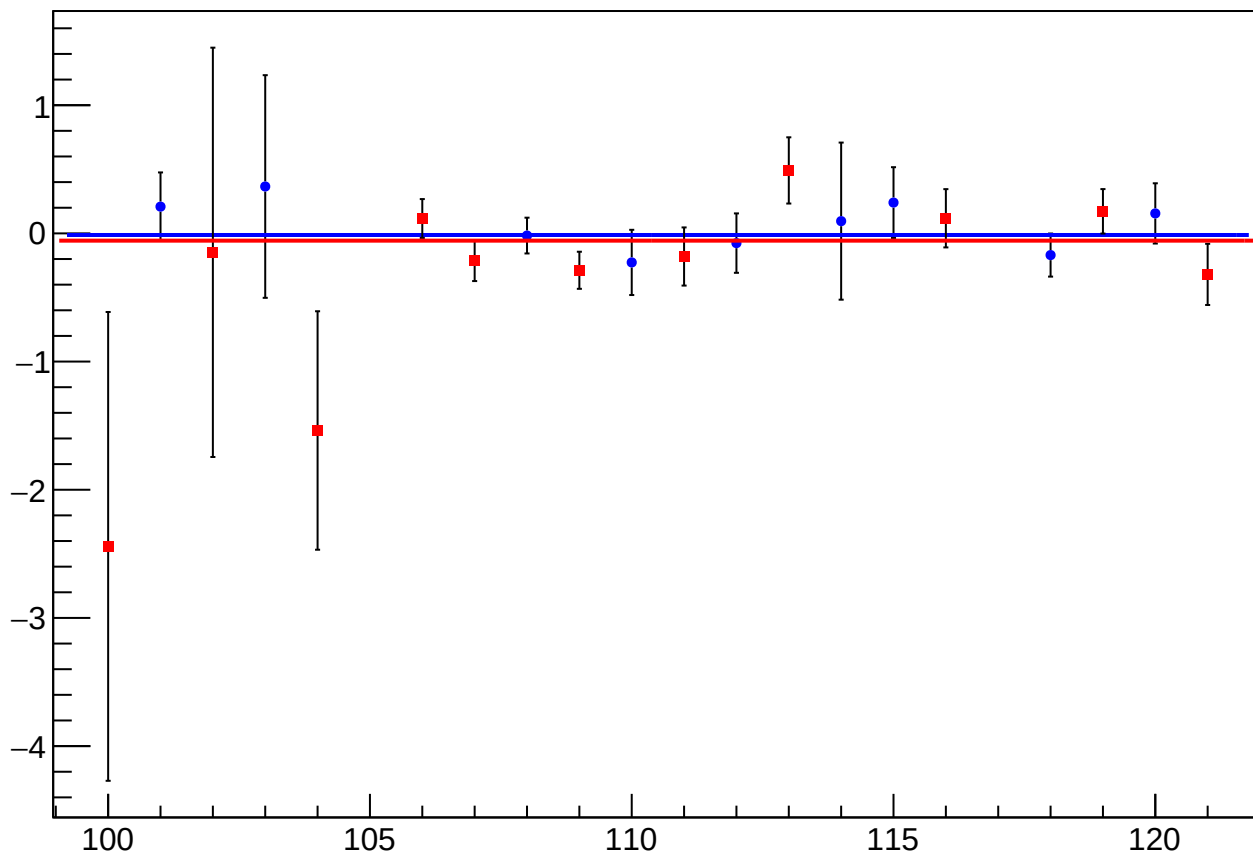
Right: 120.845+/-0.035 χ^2/NDF : 3262116.1/19

In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.845+/-0.035 χ^2/NDF : 3262116.1/19

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.077 χ^2/NDF : 3.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.065 χ^2/NDF : 17.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

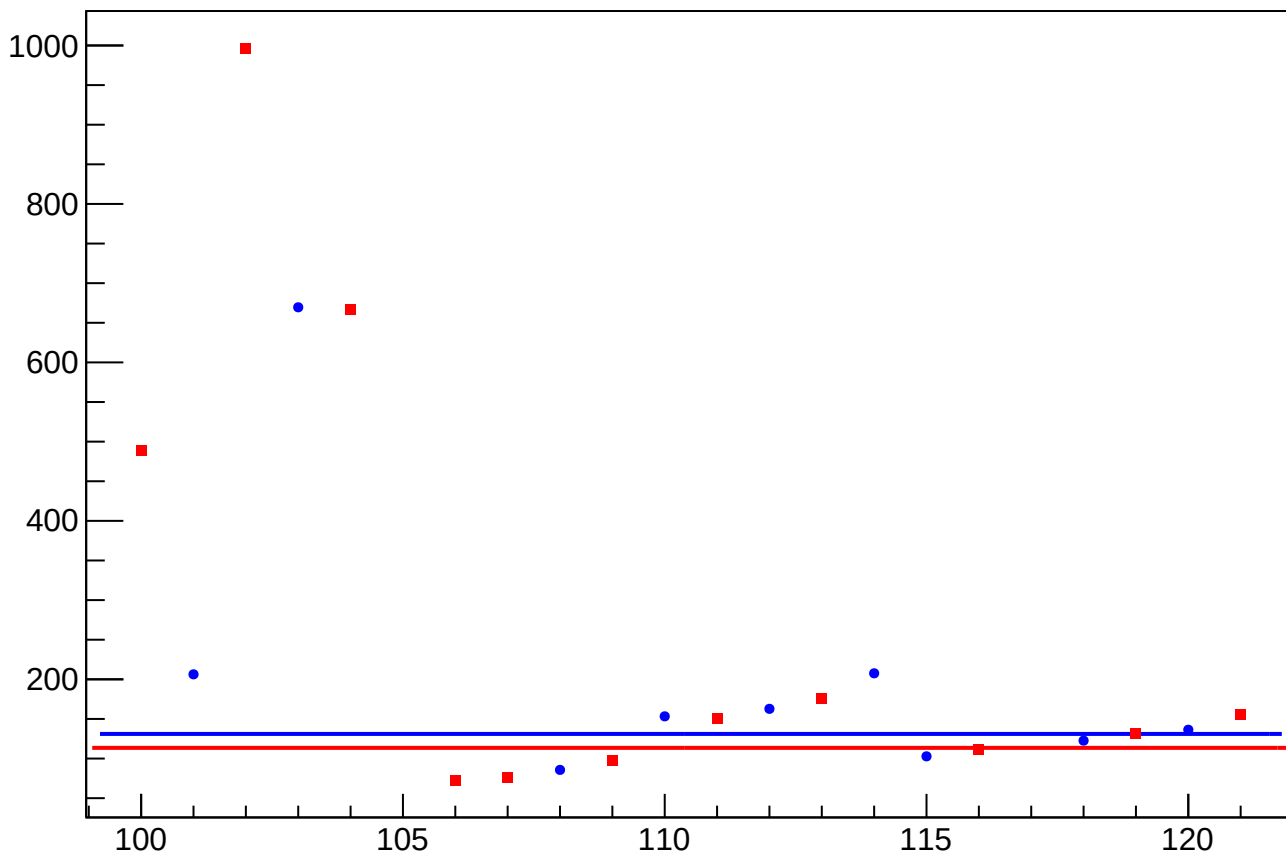
Right: -0.038 ± 0.050 χ^2/NDF : 21.5/19

In: -0.013 ± 0.077 χ^2/NDF : 3.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.050 χ^2/NDF : 21.5/19

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.504+/-0.046 χ^2/NDF : 1950577.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

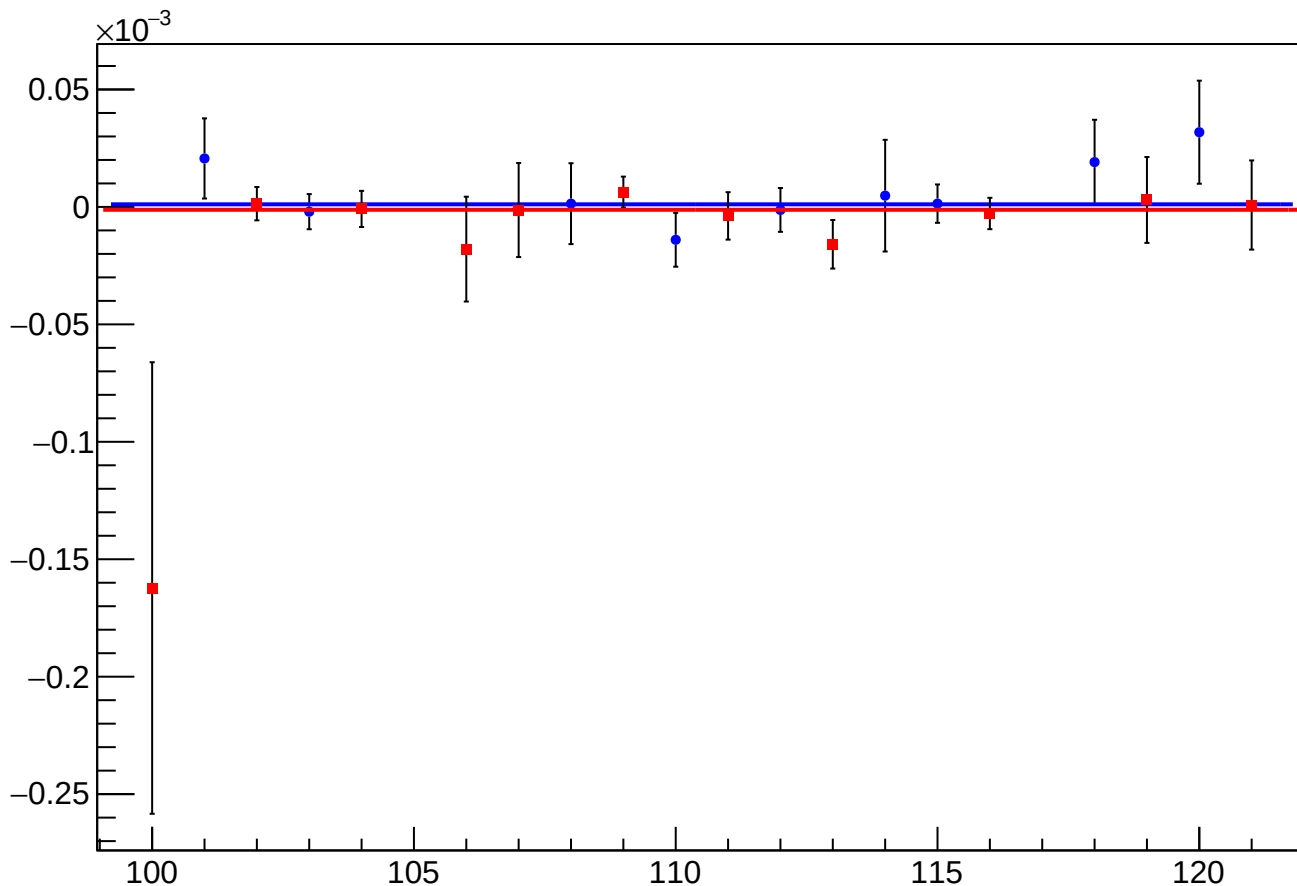
Right: 120.845+/-0.035 χ^2/NDF : 3262116.1/19

In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.845+/-0.035 χ^2/NDF : 3262116.1/19

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

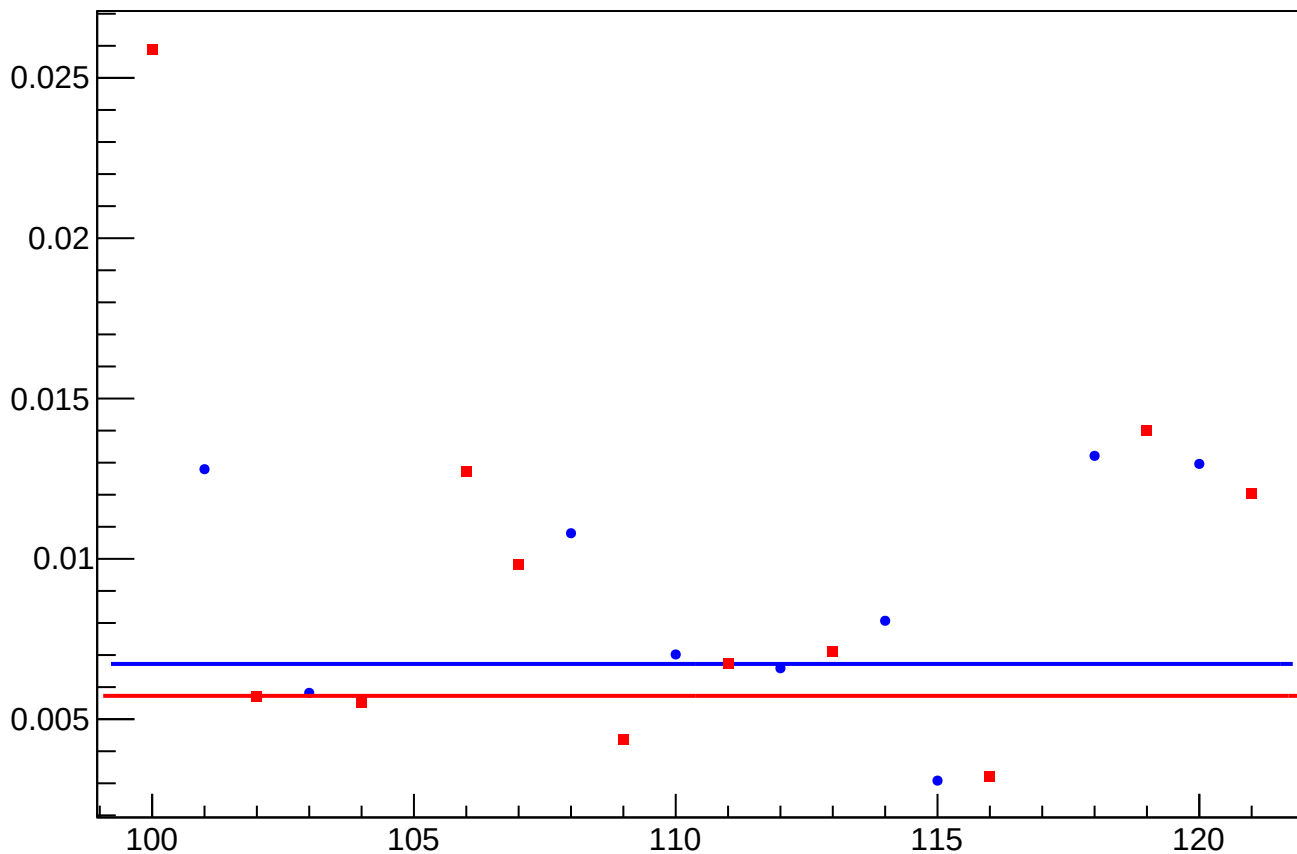
Right: -0.000+/-0.000 χ^2/NDF : 13.5/19

In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/19

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1221620.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1431203.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

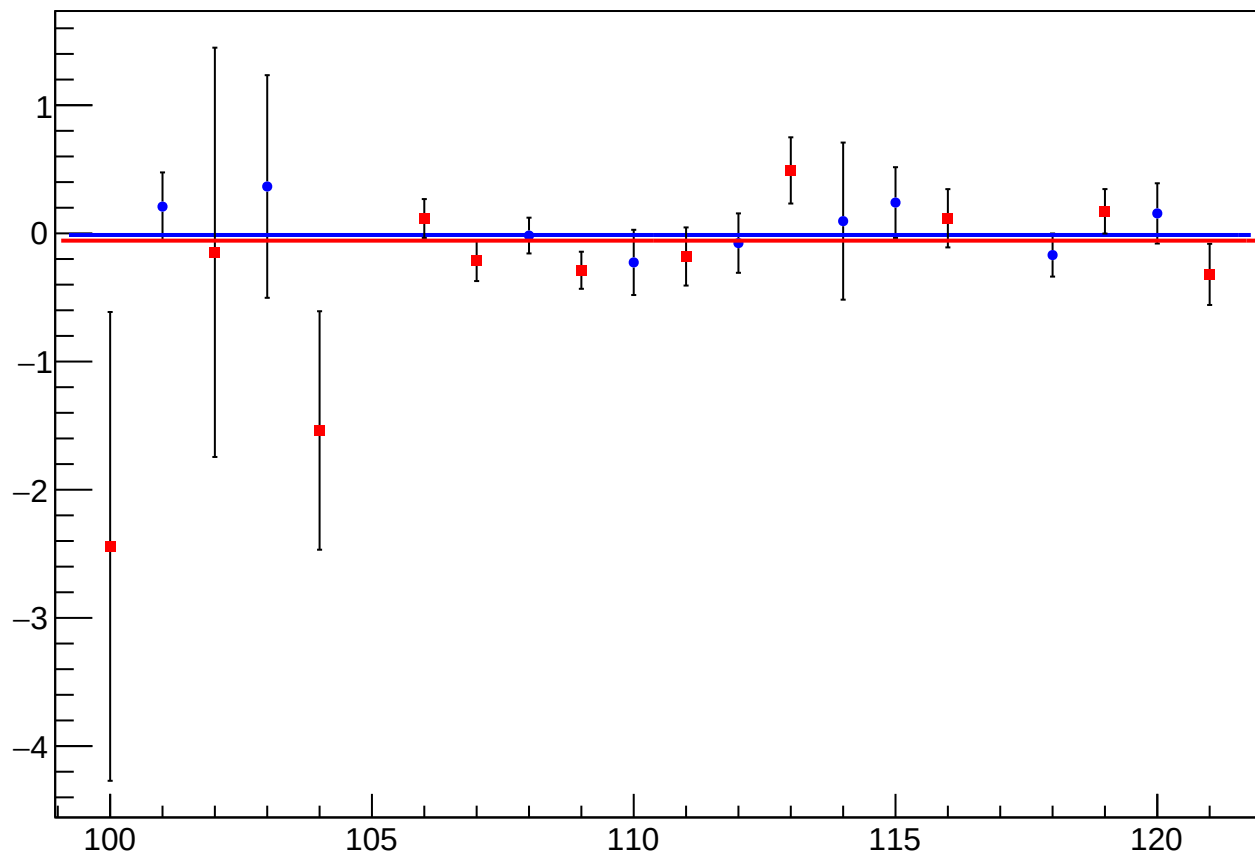
Right: 0.006+/-0.000 χ^2/NDF : 2734907.6/19

In: 0.007+/-0.000 χ^2/NDF : 1221620.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2734907.6/19

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.077 $\chi^2/\text{NDF}: 3.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.057 ± 0.065 $\chi^2/\text{NDF}: 17.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

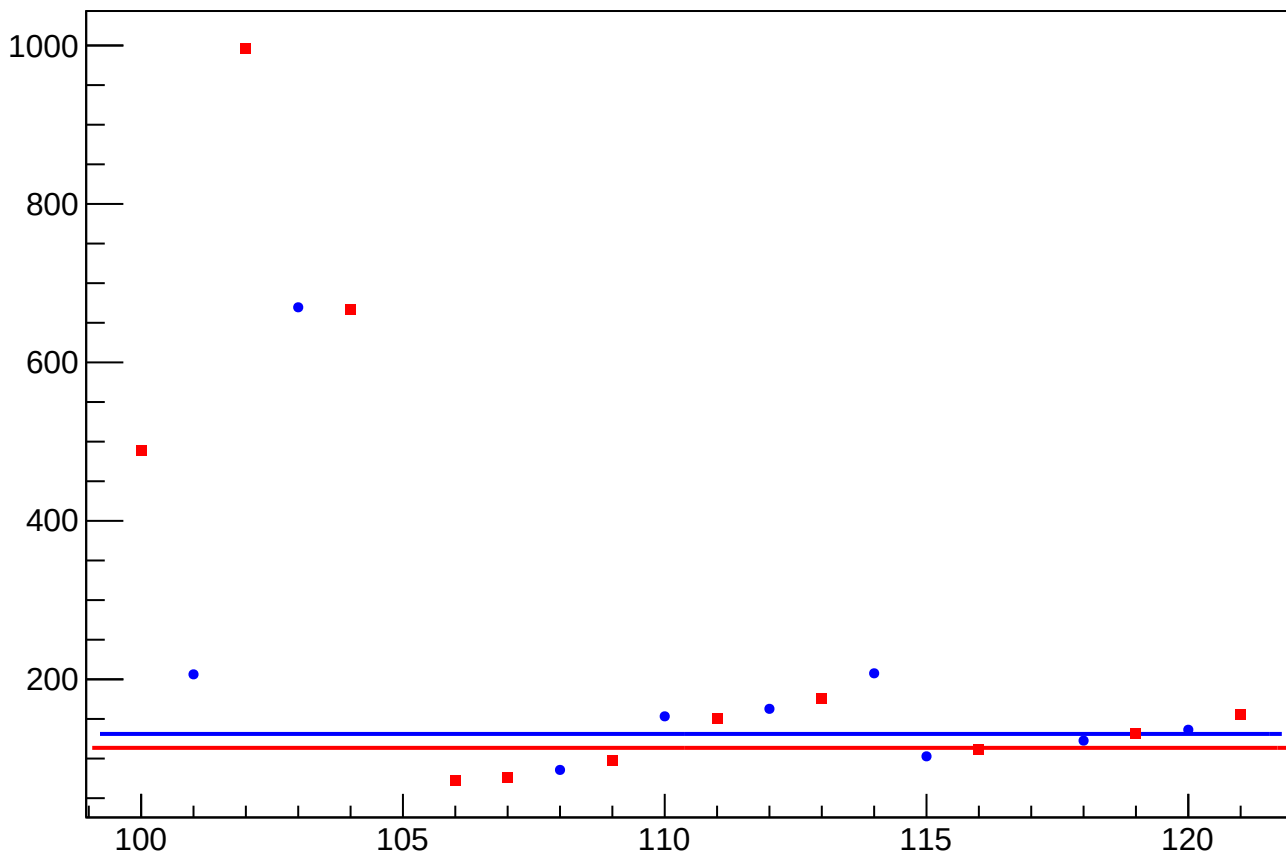
Right: -0.038 ± 0.050 $\chi^2/\text{NDF}: 21.5/19$

In: -0.013 ± 0.077 $\chi^2/\text{NDF}: 3.9/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.038 ± 0.050 $\chi^2/\text{NDF}: 21.5/19$

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.504+/-0.046 χ^2/NDF : 1950575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

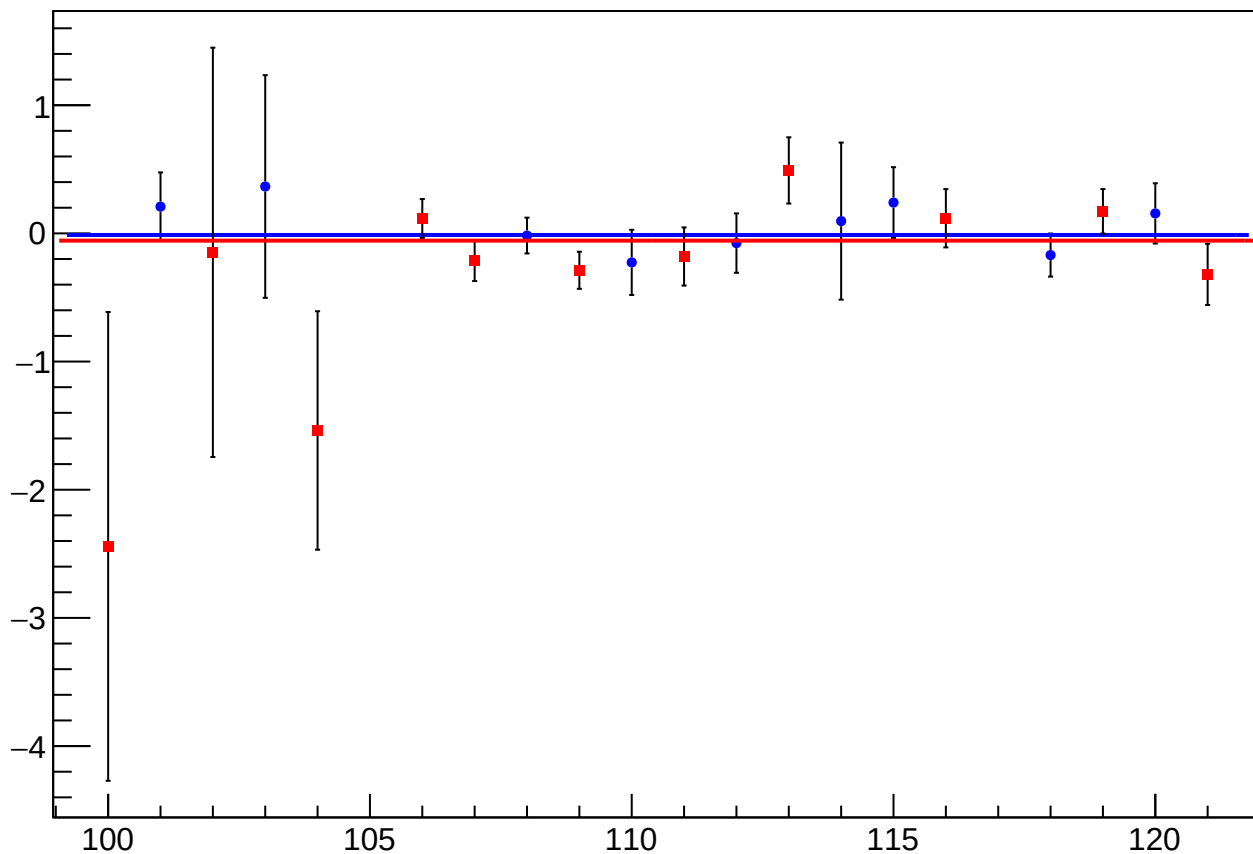
Right: 120.844+/-0.035 χ^2/NDF : 3262152.0/19

In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.844+/-0.035 χ^2/NDF : 3262152.0/19

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.077 χ^2/NDF : 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 $\pm$ 0.065 χ^2/NDF : 17.4/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

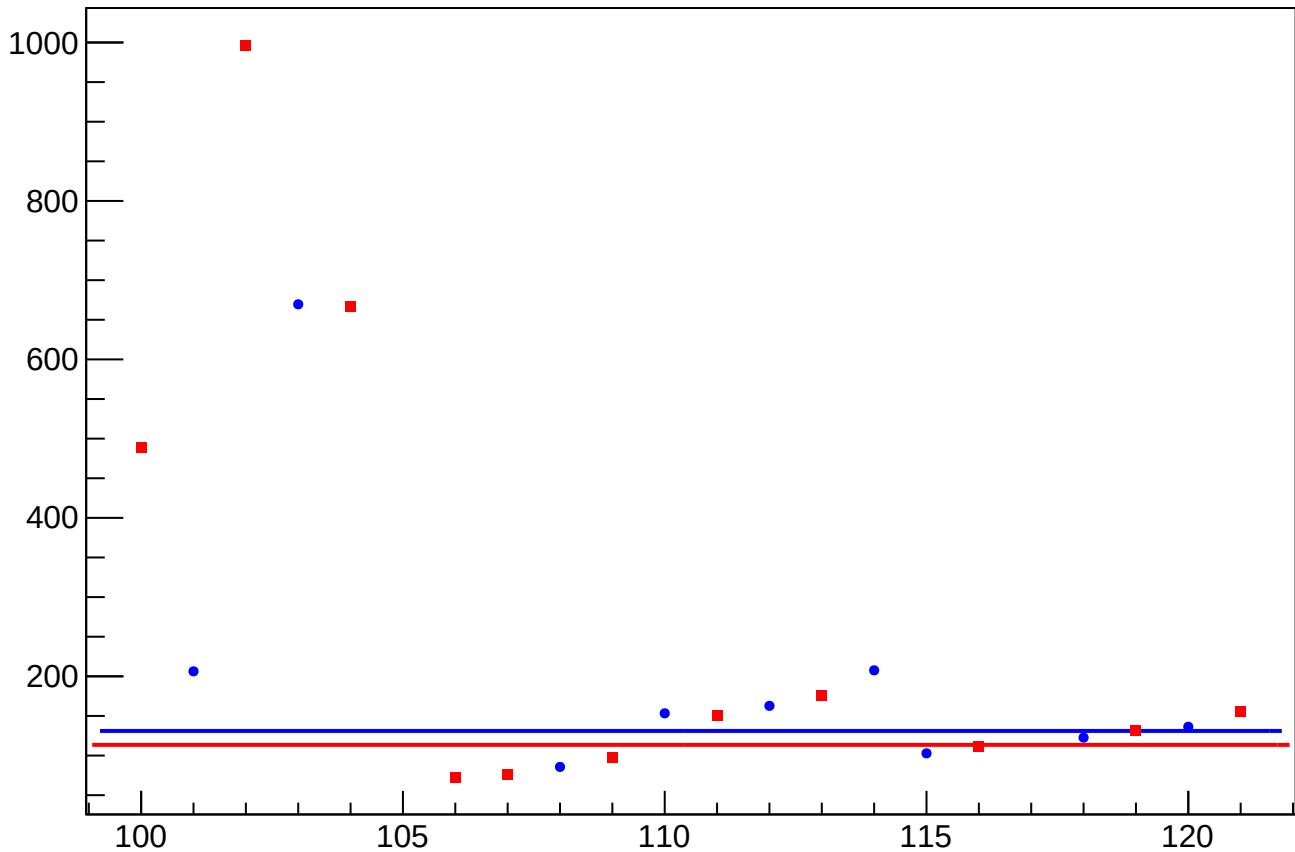
Right: -0.038 $\pm$ 0.050 χ^2/NDF : 21.5/19

In: -0.013 $\pm$ 0.077 χ^2/NDF : 3.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.038 $\pm$ 0.050 χ^2/NDF : 21.5/19

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.504+/-0.046 χ^2/NDF : 1950575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

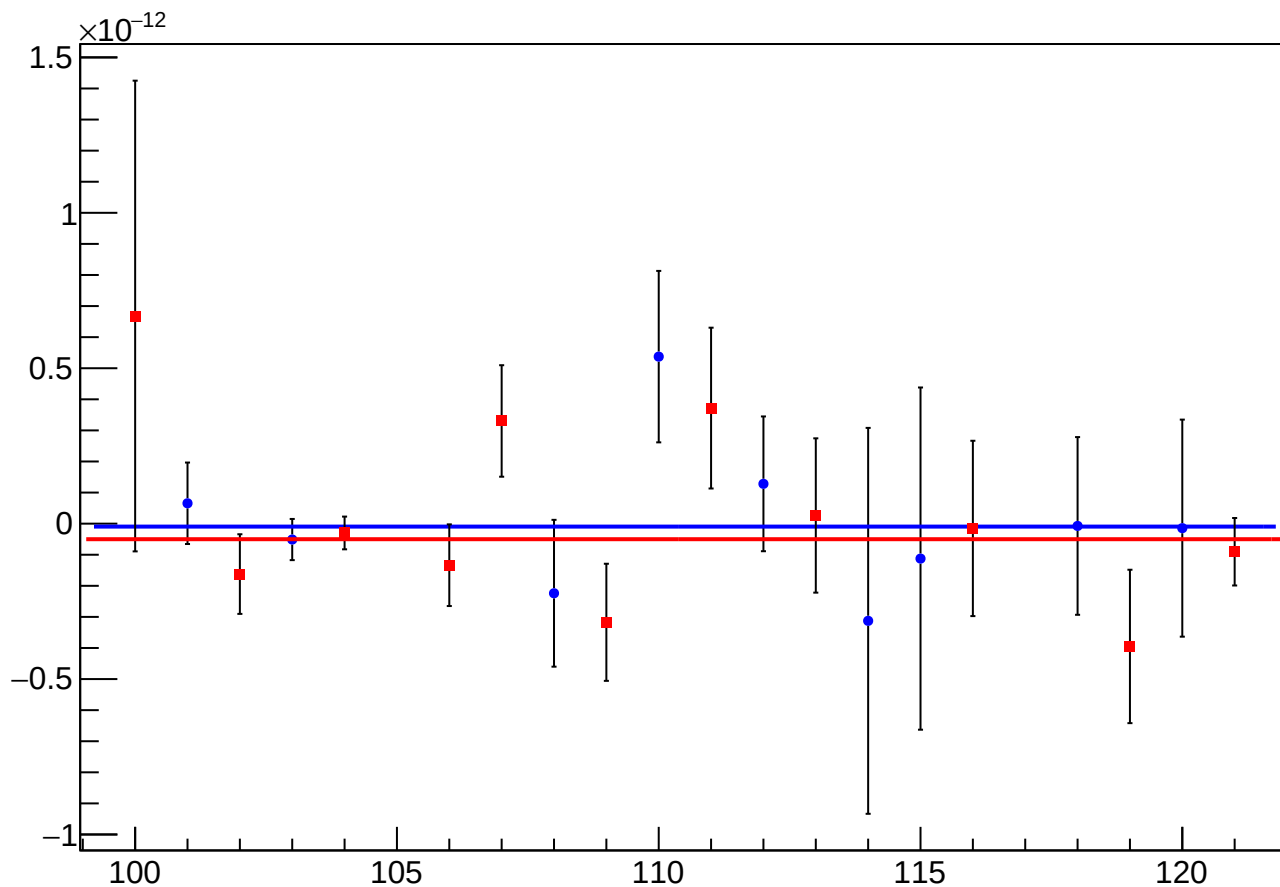
Right: 120.844+/-0.035 χ^2/NDF : 3262152.0/19

In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.844+/-0.035 χ^2/NDF : 3262152.0/19

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

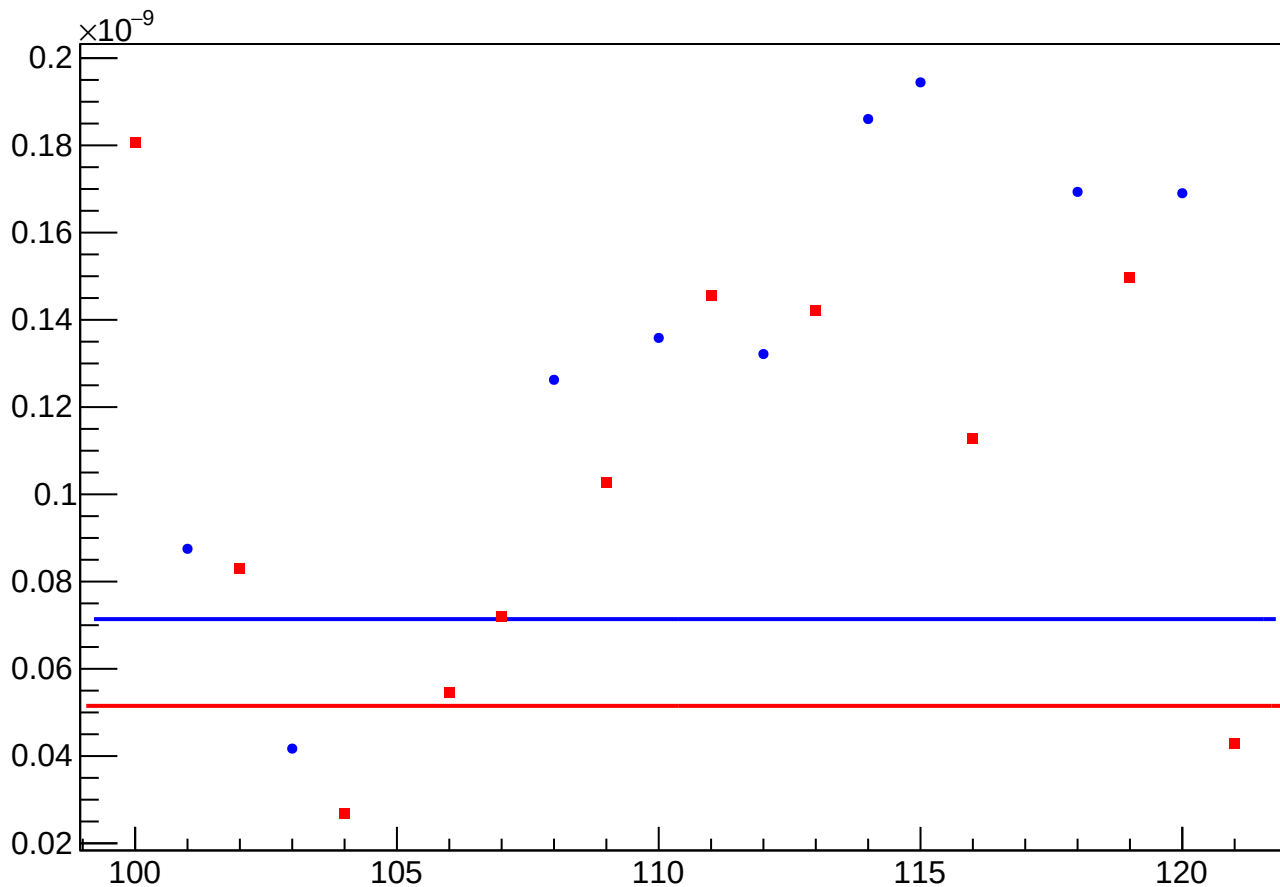
Right: -0.000+/-0.000 χ^2/NDF : 20.1/19

In: -0.000+/-0.000 χ^2/NDF :6.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/19

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1365638.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1749077.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

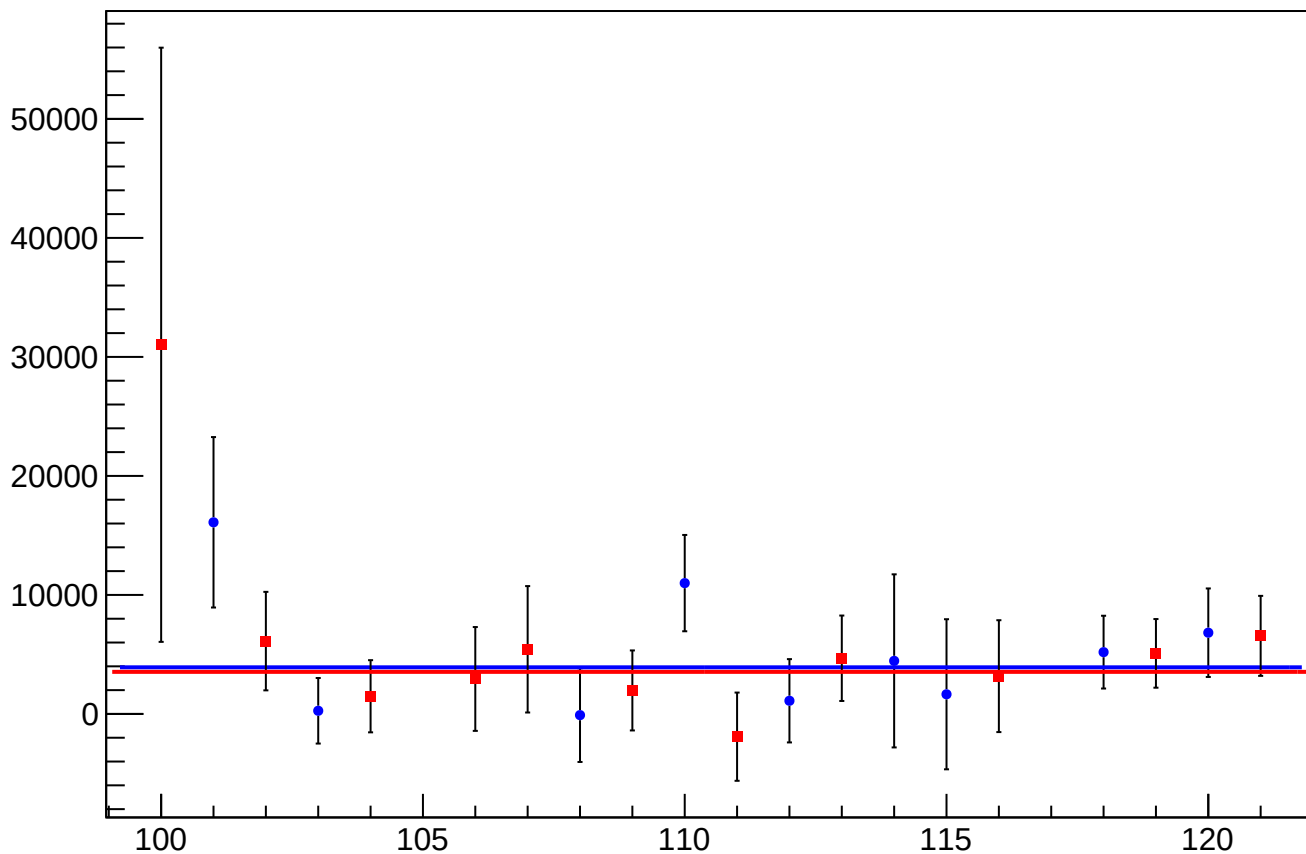
Right: 0.000+/-0.000 χ^2/NDF : 3303057.2/19

In: 0.000+/-0.000 χ^2/NDF :1365638.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3303057.2/19

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3916.582+/-1310.993 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3535.596+/-1154.988 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

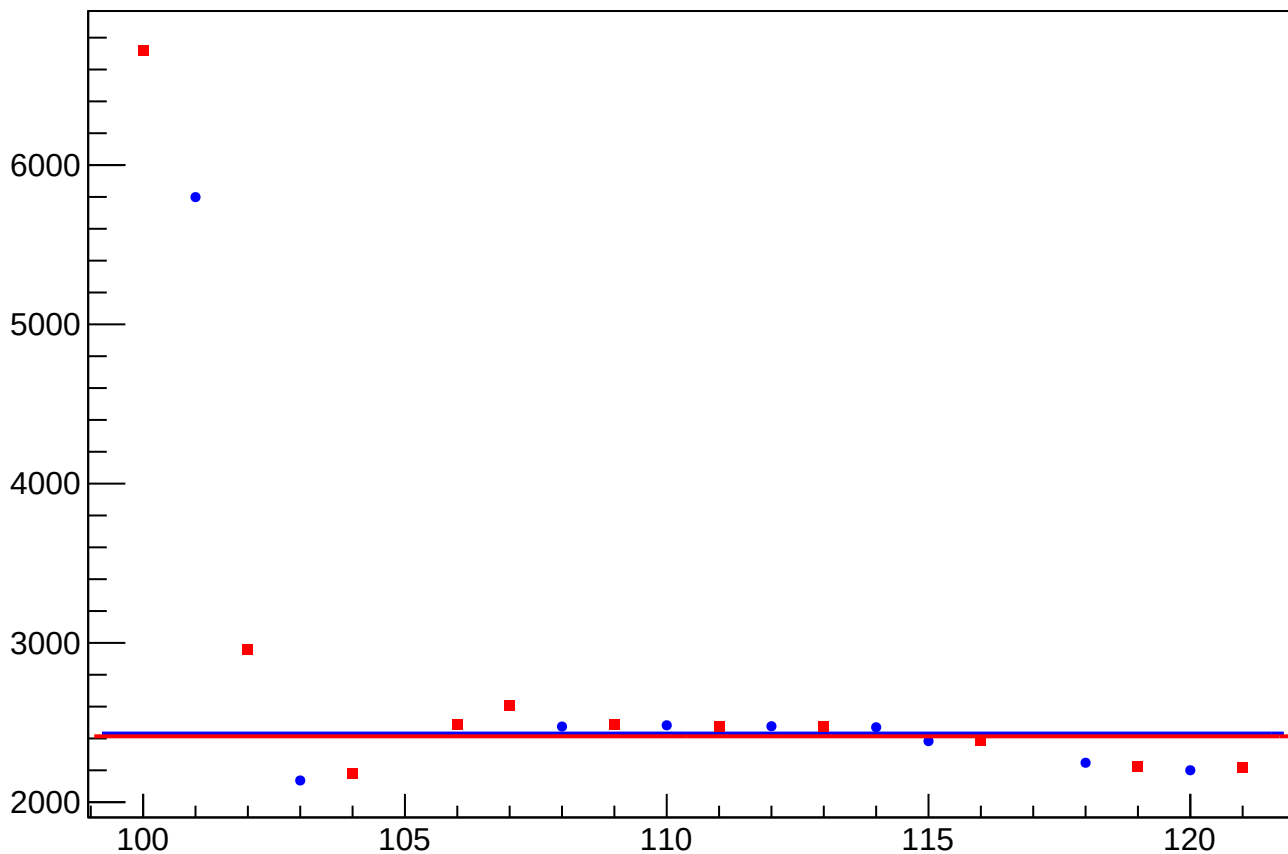
Right: 3702.083+/-866.634 χ^2/NDF : 16.2/19

In: 3916.582+/-1310.993 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3702.083+/-866.634 χ^2/NDF : 16.2/19

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2430.614+/-0.927 χ^2/NDF : 481297.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2413.504+/-0.817 χ^2/NDF : 126587.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

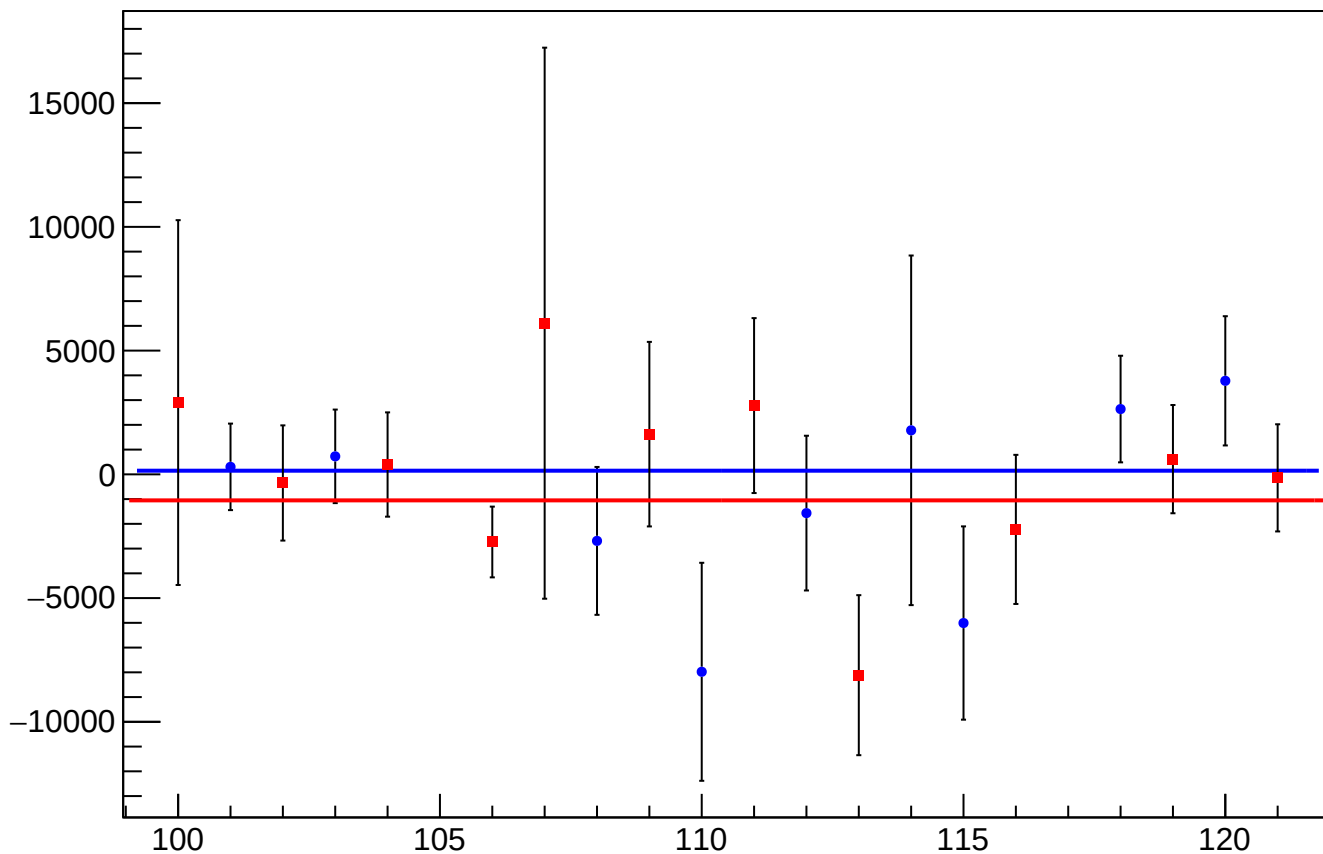
Right: 2420.981+/-0.613 χ^2/NDF : 608077.1/19

In: 2430.614+/-0.927 χ^2/NDF : 481297.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2420.981+/-0.613 χ^2/NDF : 608077.1/19

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 147.312+/-870.099 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1051.640+/-765.647 χ^2/NDF : 10.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

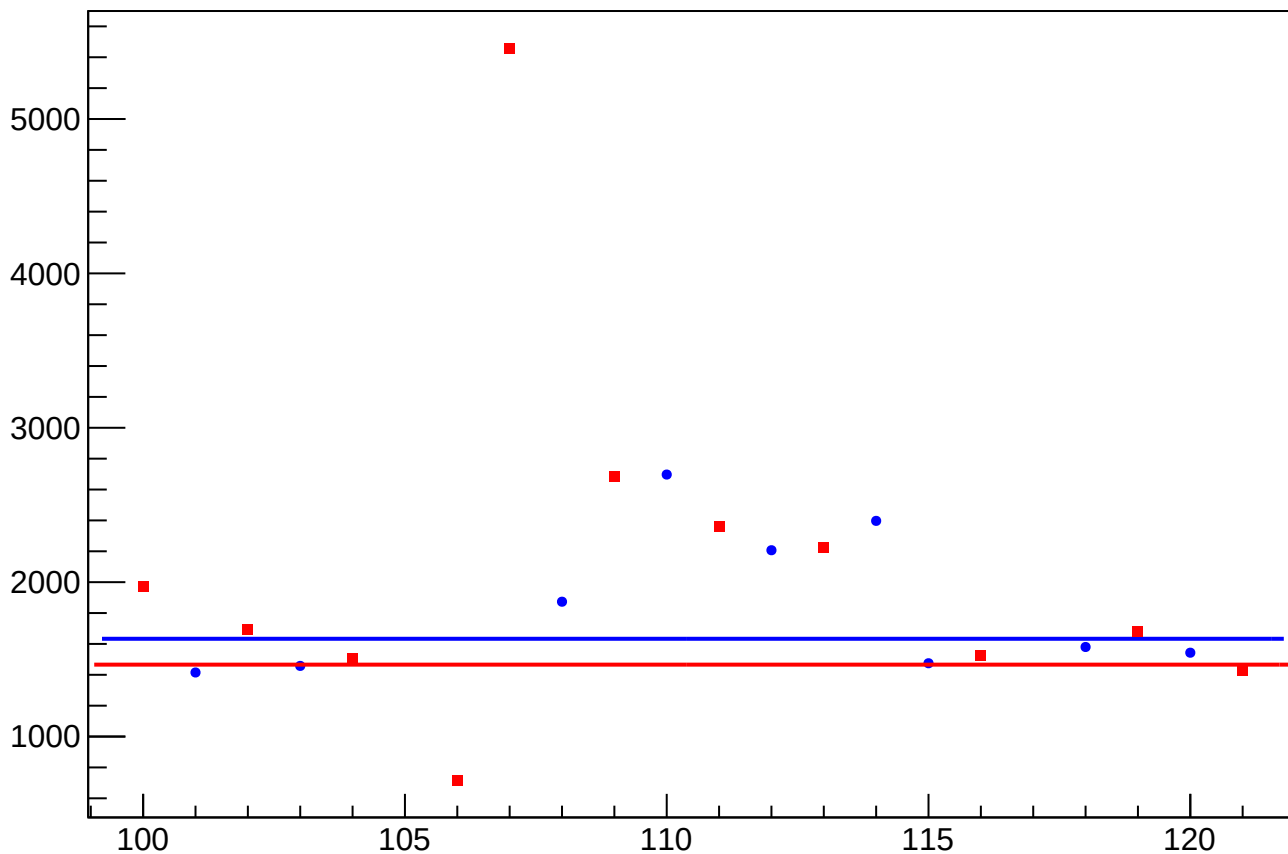
Right: -528.413+/-574.795 χ^2/NDF : 21.6/19

In: 147.312+/-870.099 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -528.413+/-574.795 χ^2/NDF : 21.6/19

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1633.321+/-0.615 χ^2/NDF : 275646.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.808+/-0.541 χ^2/NDF : 1312557.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

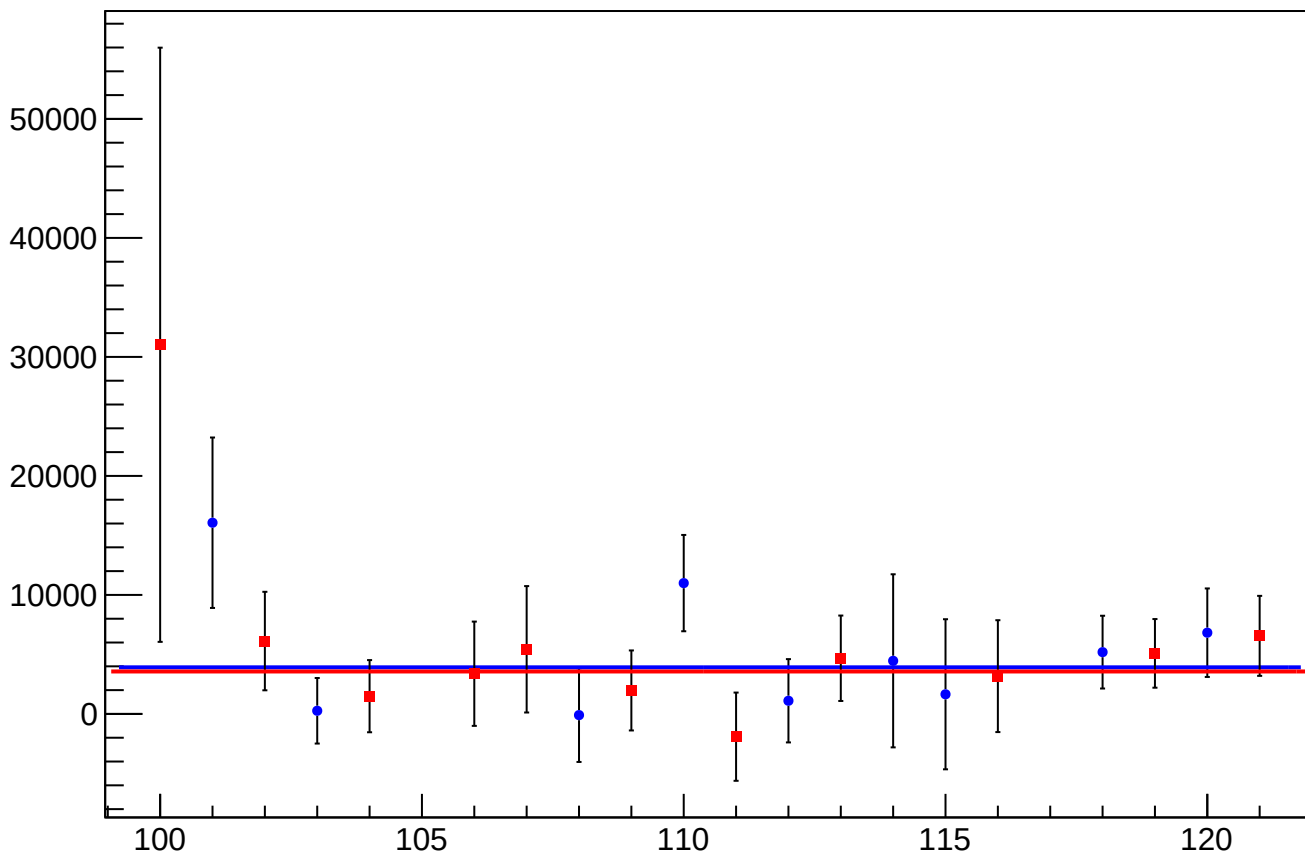
Right: 1538.911+/-0.406 χ^2/NDF : 1629982.9/19

In: 1633.321+/-0.615 χ^2/NDF : 275646.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.911+/-0.406 χ^2/NDF : 1629982.9/19

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3567.308+/-1155.338 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

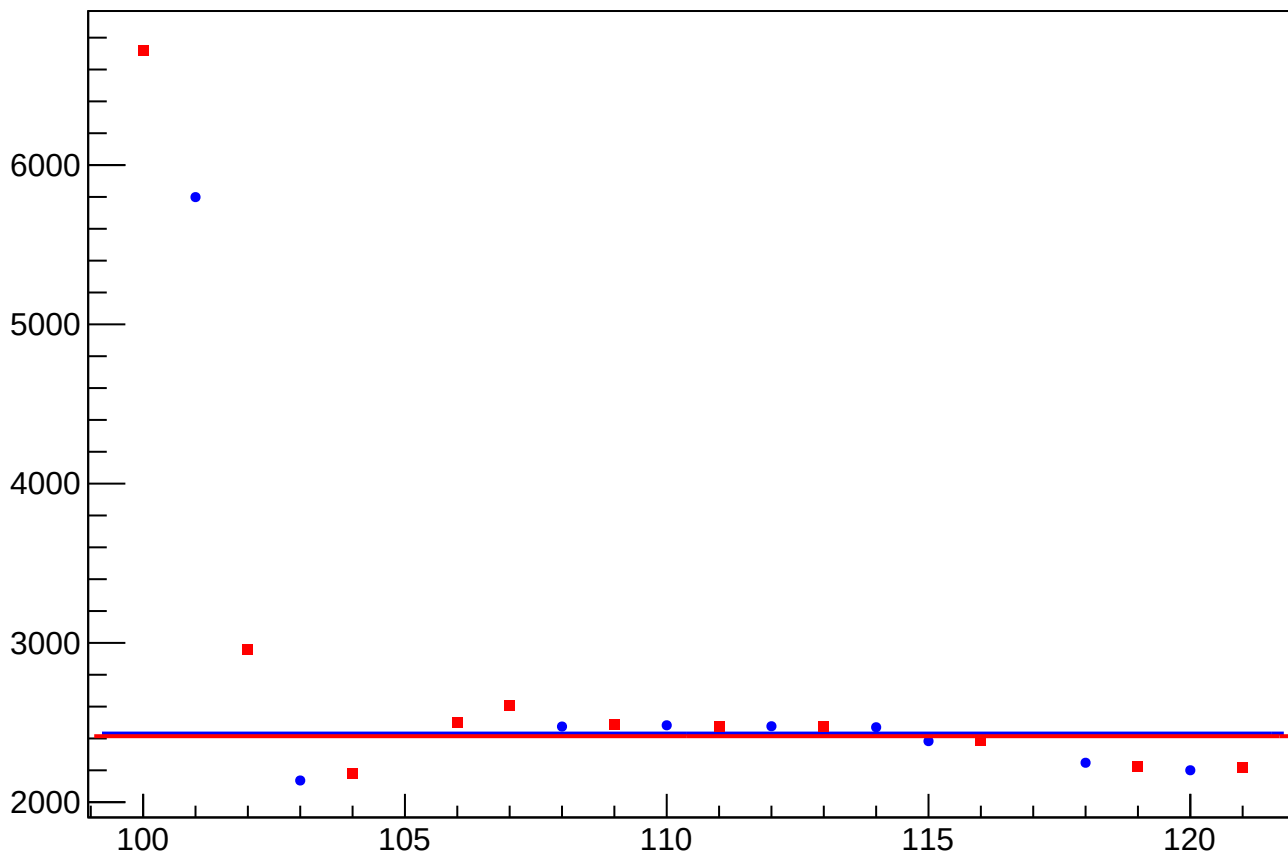
Right: 3719.483+/-866.782 χ^2/NDF : 16.1/19

In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3719.483+/-866.782 χ^2/NDF : 16.1/19

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2414.204+/-0.817 χ^2/NDF : 126765.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

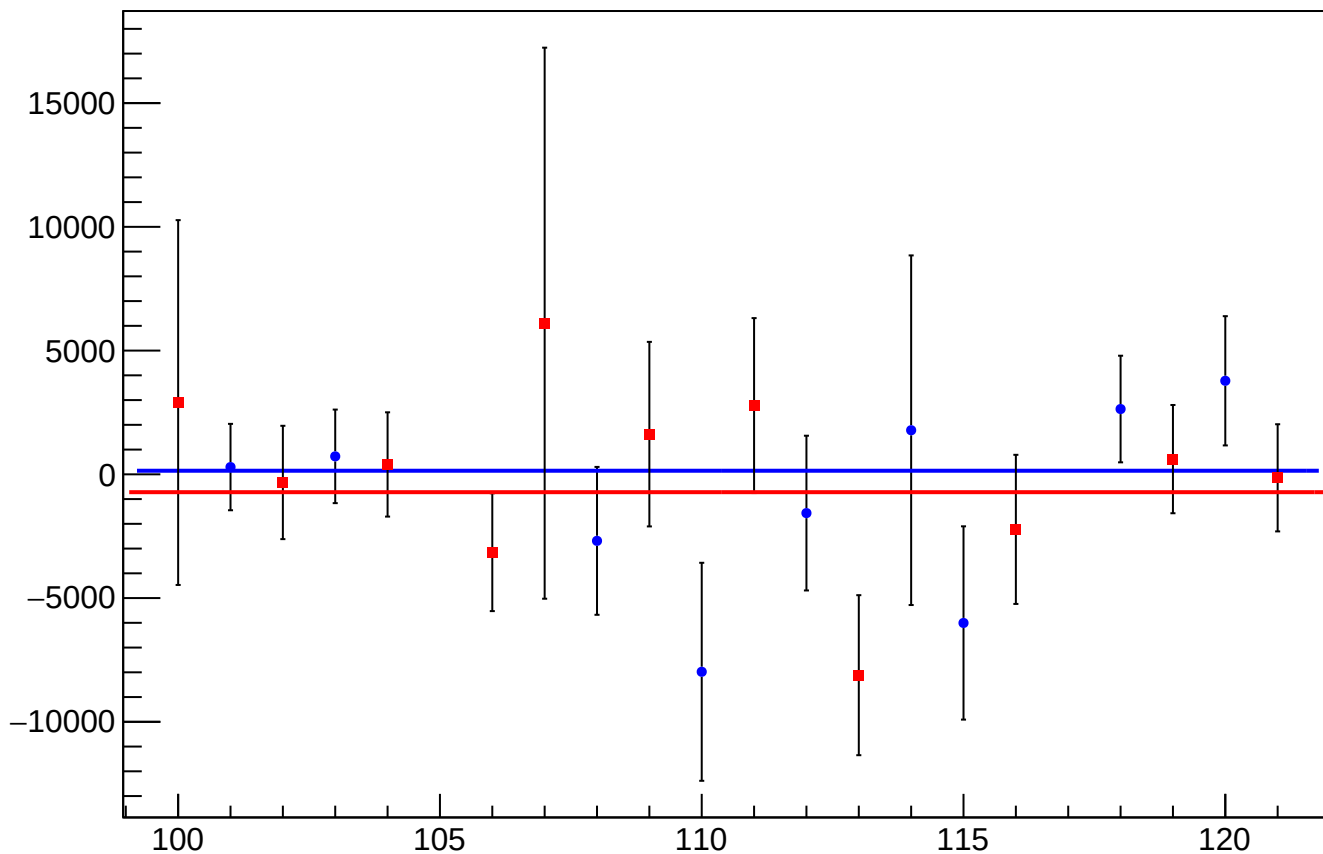
Right: 2421.377+/-0.613 χ^2/NDF : 608239.5/19

In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2421.377+/-0.613 χ^2/NDF : 608239.5/19

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 145.139+/-869.800 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -721.172+/-845.425 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

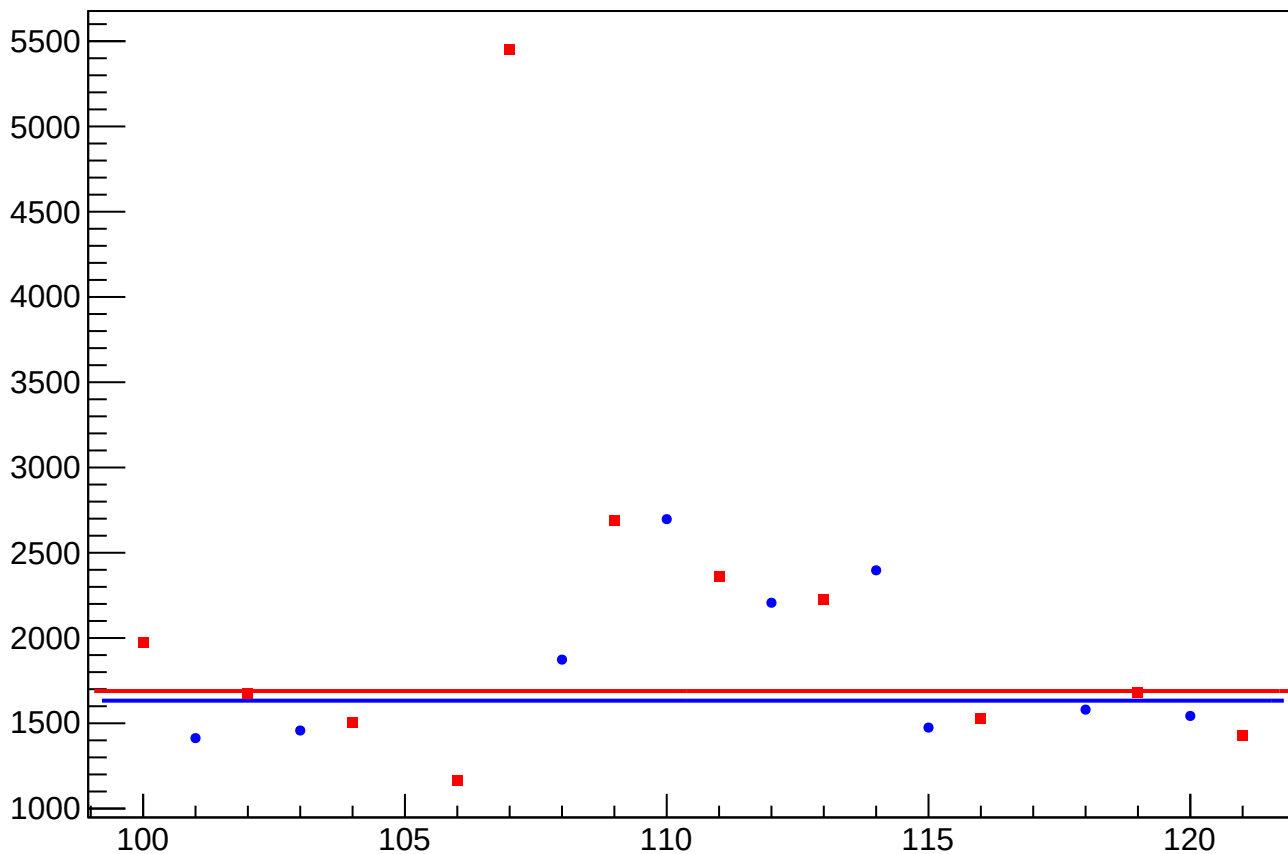
Right: -300.326+/-606.240 χ^2/NDF : 20.3/19

In: 145.139+/-869.800 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -300.326+/-606.240 χ^2/NDF : 20.3/19

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1689.224+/-0.598 χ^2/NDF : 650094.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

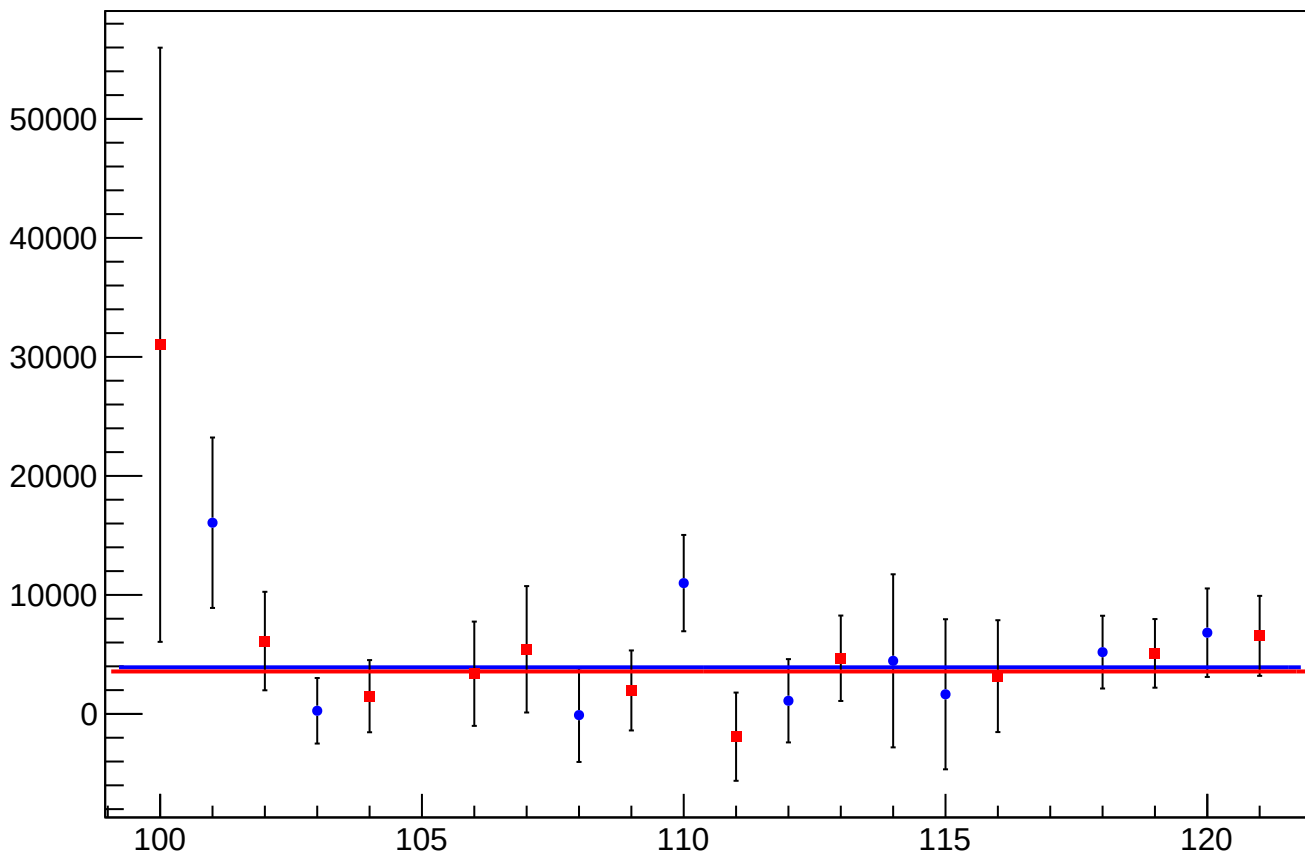
Right: 1661.768+/-0.429 χ^2/NDF : 930717.5/19

In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.768+/-0.429 χ^2/NDF : 930717.5/19

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3567.308+/-1155.338 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

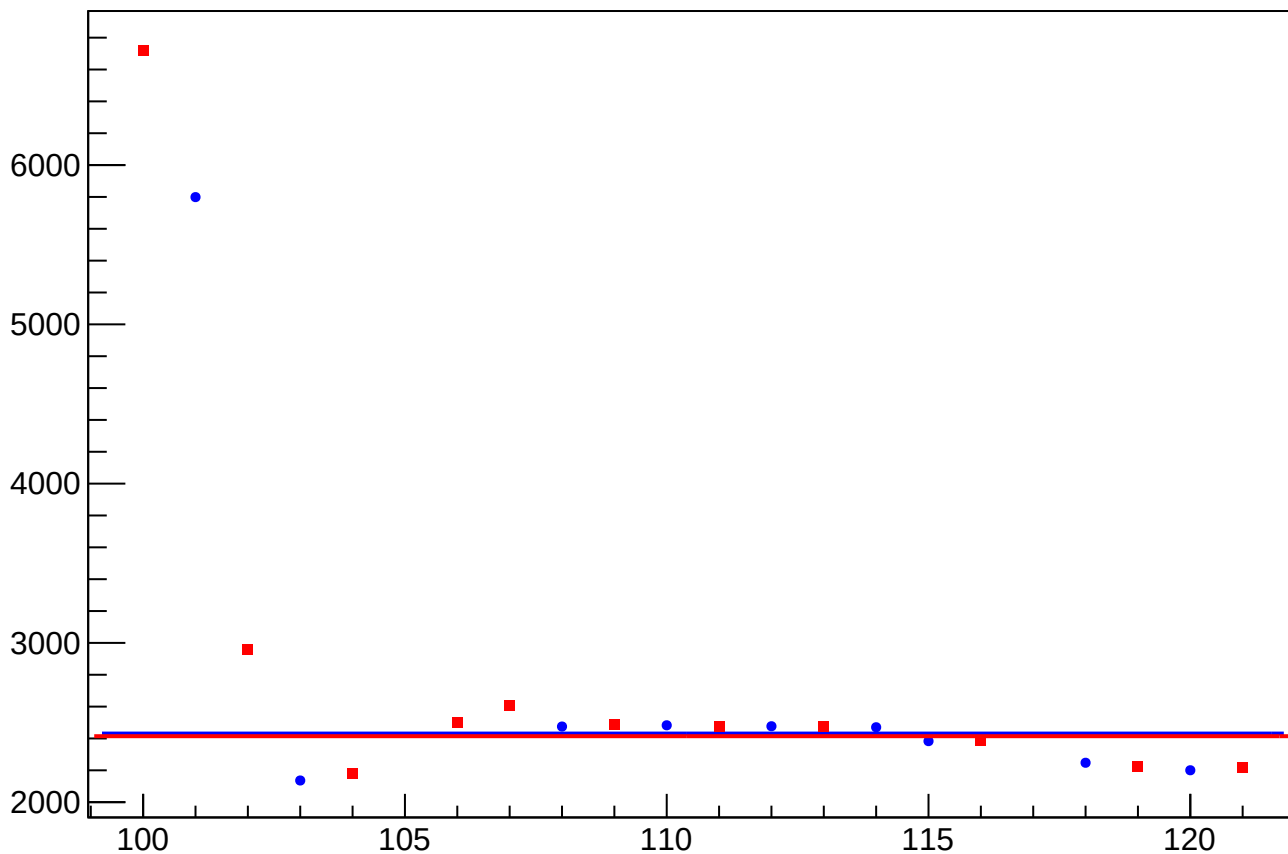
Right: 3719.483+/-866.782 χ^2/NDF : 16.1/19

In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3719.483+/-866.782 χ^2/NDF : 16.1/19

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2414.204+/-0.817 χ^2/NDF : 126765.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

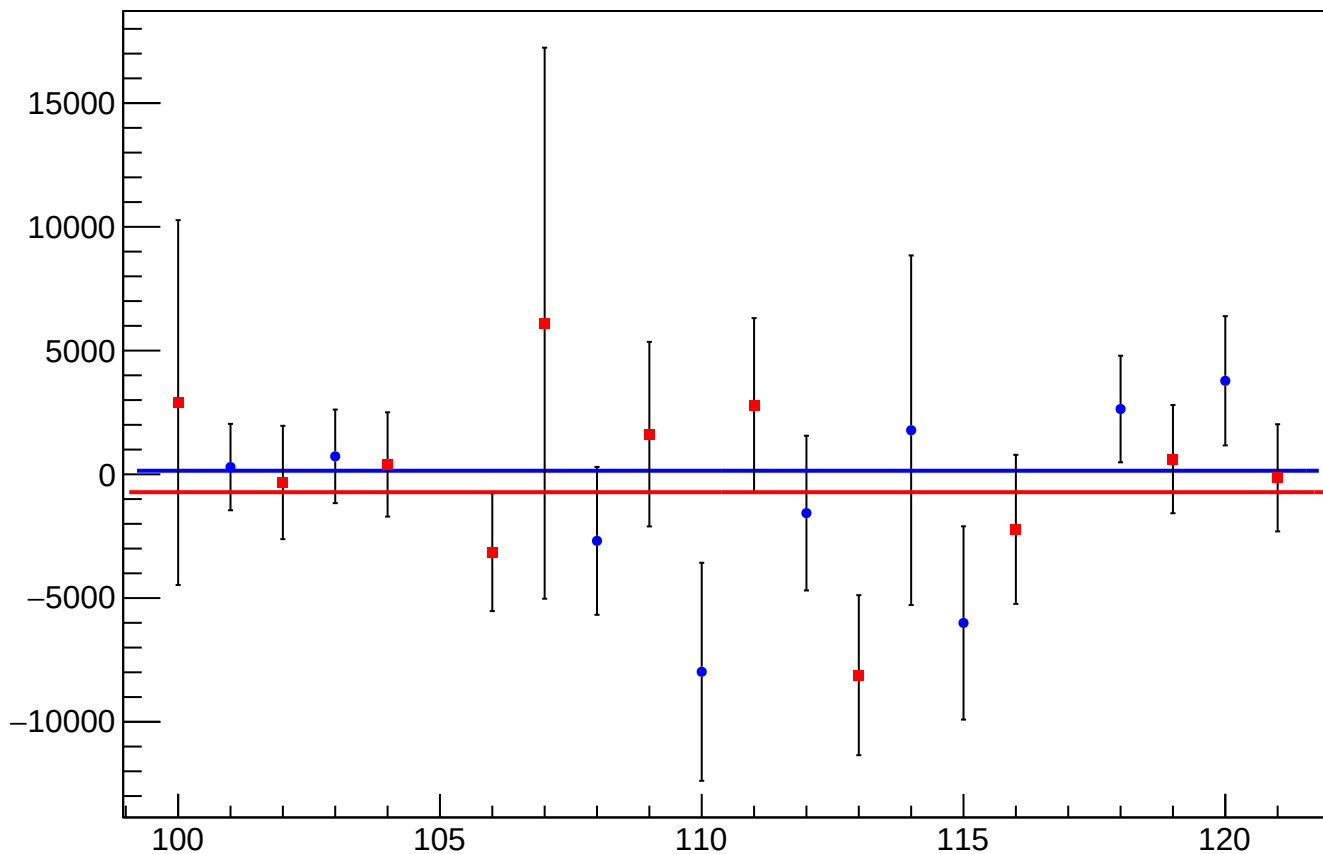
Right: 2421.377+/-0.613 χ^2/NDF : 608239.5/19

In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2421.377+/-0.613 χ^2/NDF : 608239.5/19

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 145.139+/-869.800 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.172+/-845.425 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

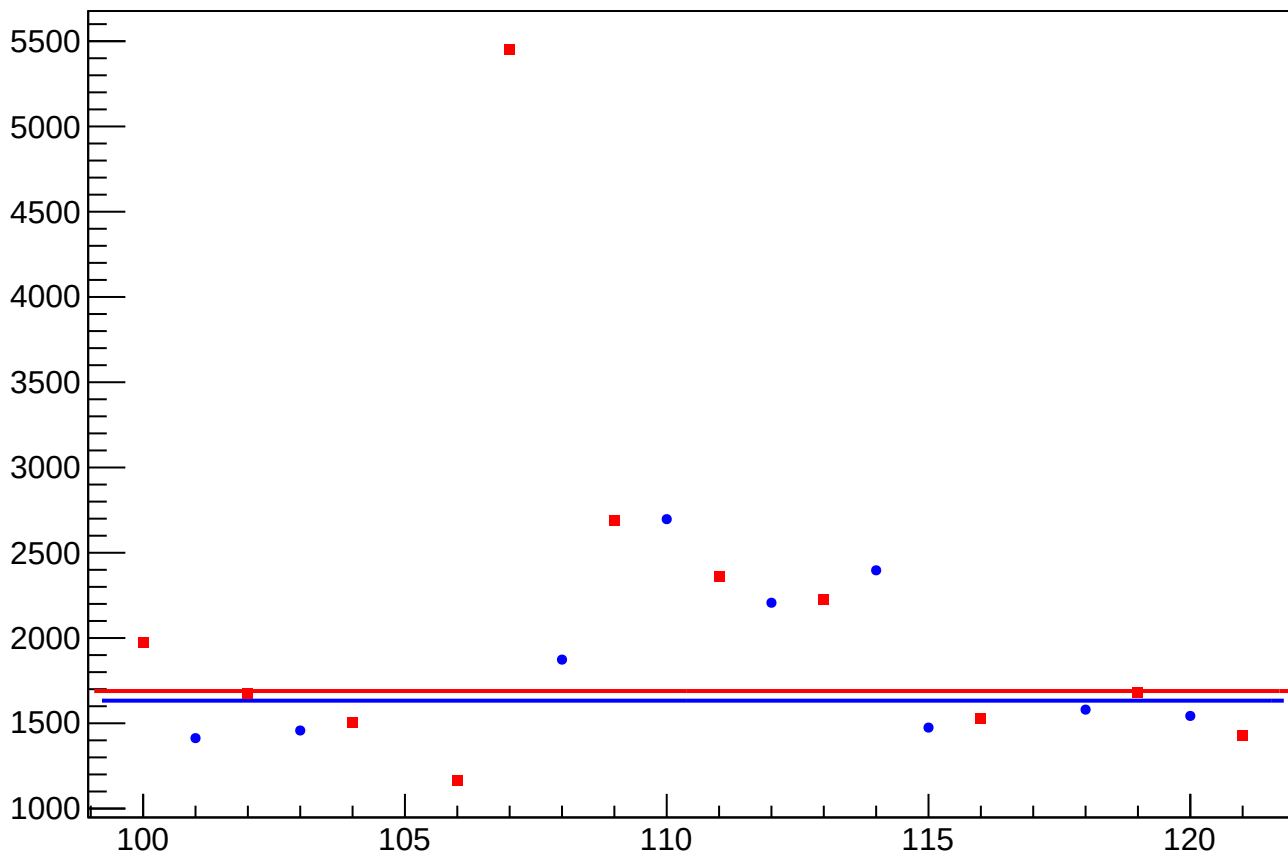
Right: -300.326+/-606.240 χ^2/NDF : 20.3/19

In: 145.139+/-869.800 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.326+/-606.240 χ^2/NDF : 20.3/19

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1689.224+/-0.598 χ^2/NDF : 650094.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

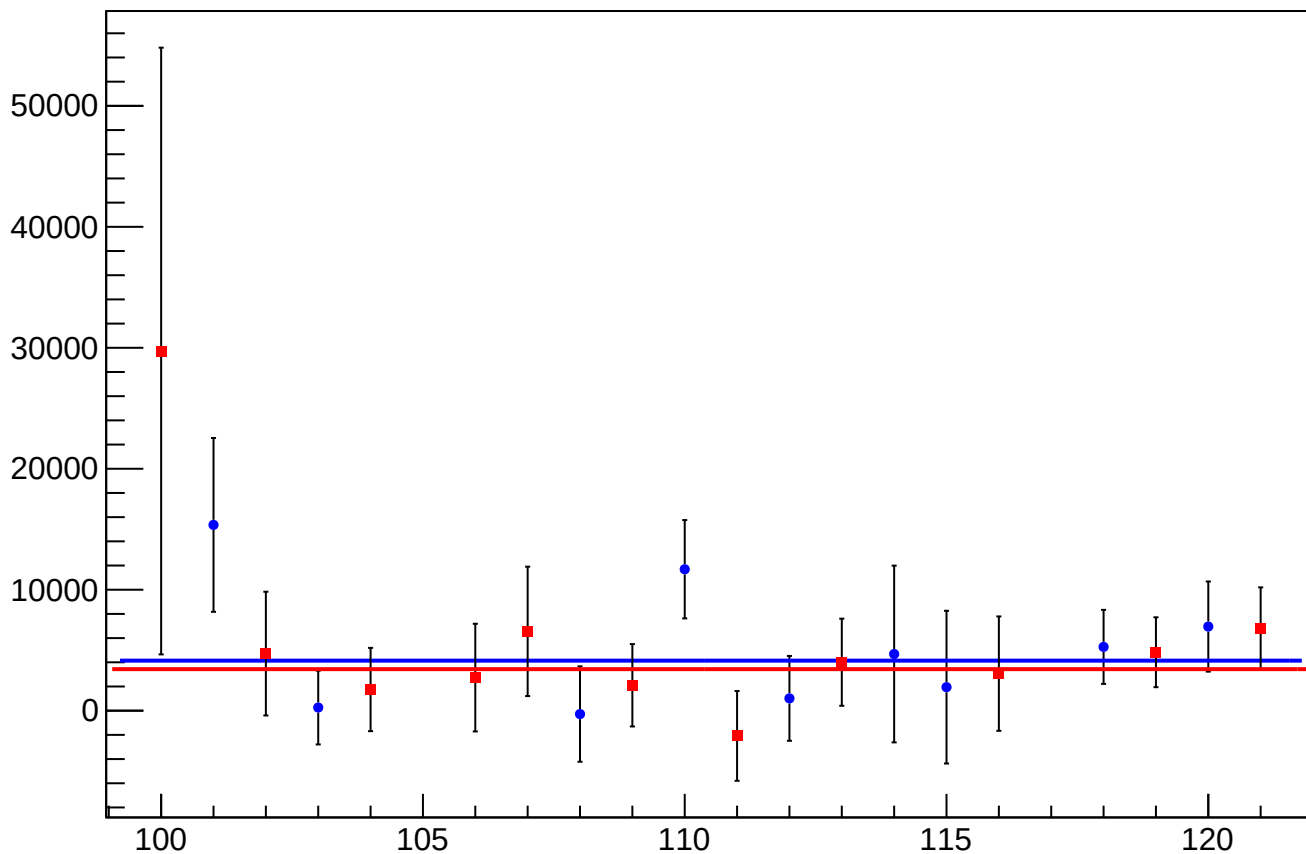
Right: 1661.768+/-0.429 χ^2/NDF : 930717.5/19

In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.768+/-0.429 χ^2/NDF : 930717.5/19

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4137.648+/-1341.556 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3434.806+/-1196.768 χ^2/NDF : 5.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

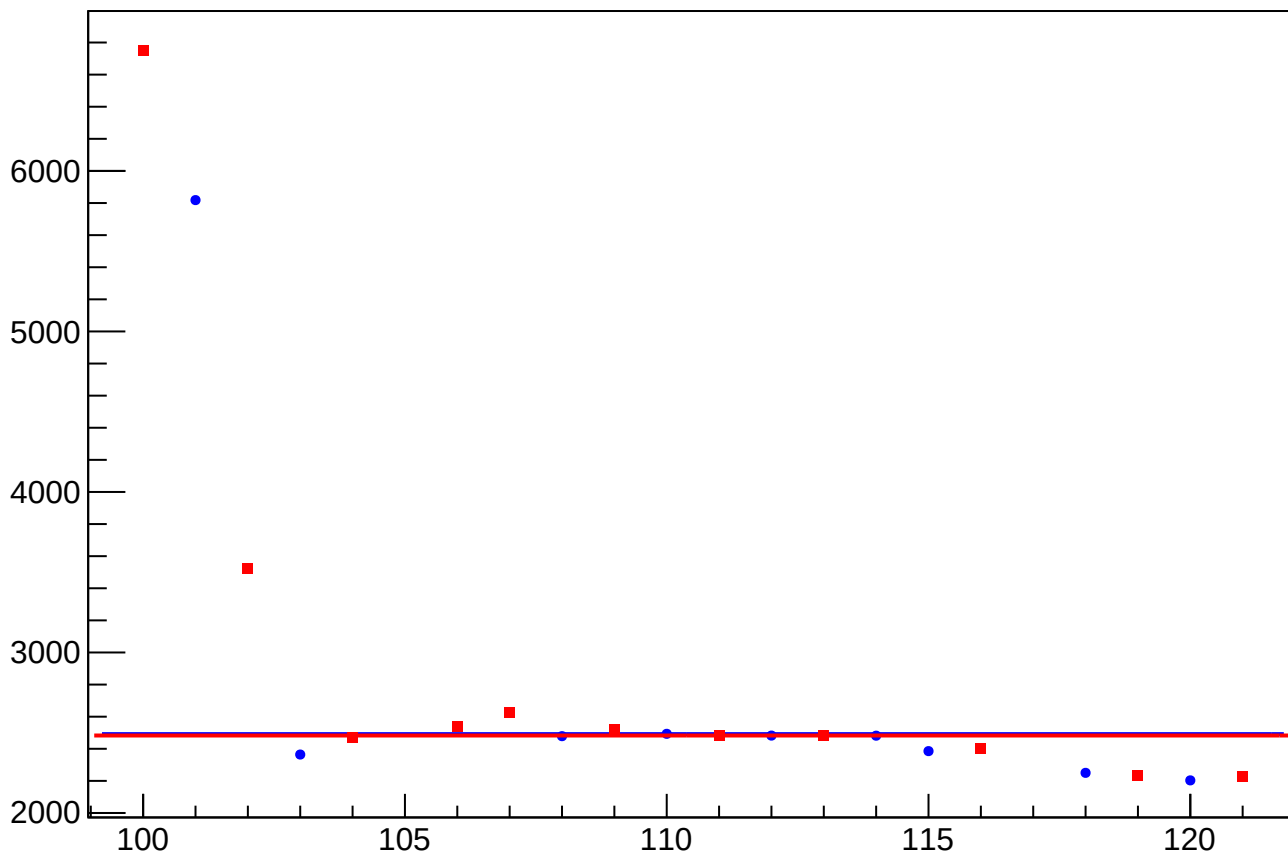
Right: 3746.266+/-893.062 χ^2/NDF : 16.0/19

In: 4137.648+/-1341.556 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3746.266+/-893.062 χ^2/NDF : 16.0/19

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2491.280+/-0.949 χ^2/NDF : 457242.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2482.755+/-0.846 χ^2/NDF : 169816.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

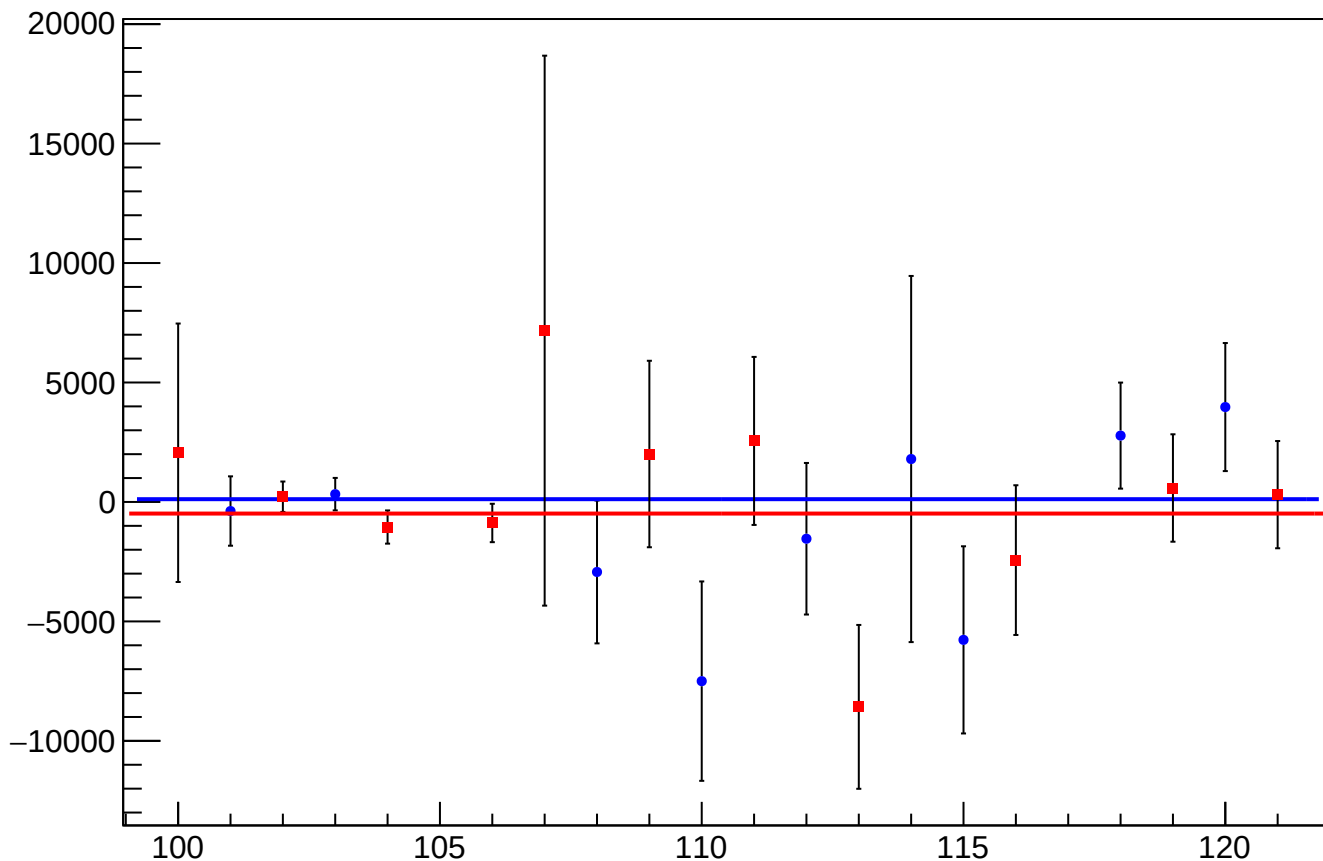
Right: 2486.533+/-0.631 χ^2/NDF : 627103.5/19

In: 2491.280+/-0.949 χ^2/NDF : 457242.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2486.533+/-0.631 χ^2/NDF : 627103.5/19

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 115.914+/-547.662 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.961+/-381.705 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

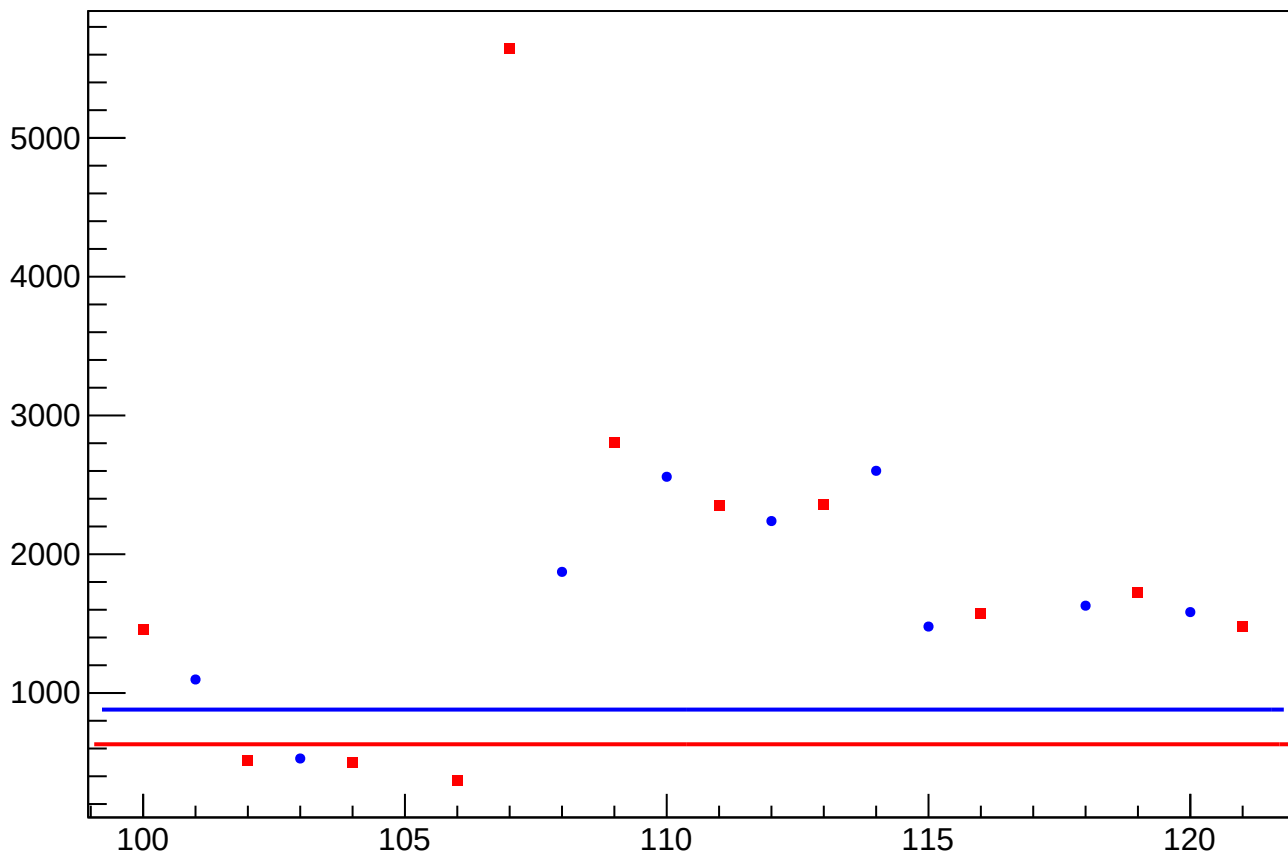
Right: -289.178+/-313.150 χ^2/NDF : 21.7/19

In: 115.914+/-547.662 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.178+/-313.150 χ^2/NDF : 21.7/19

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 880.567+/-0.387 χ^2/NDF : 2006127.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.619+/-0.270 χ^2/NDF : 3327270.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

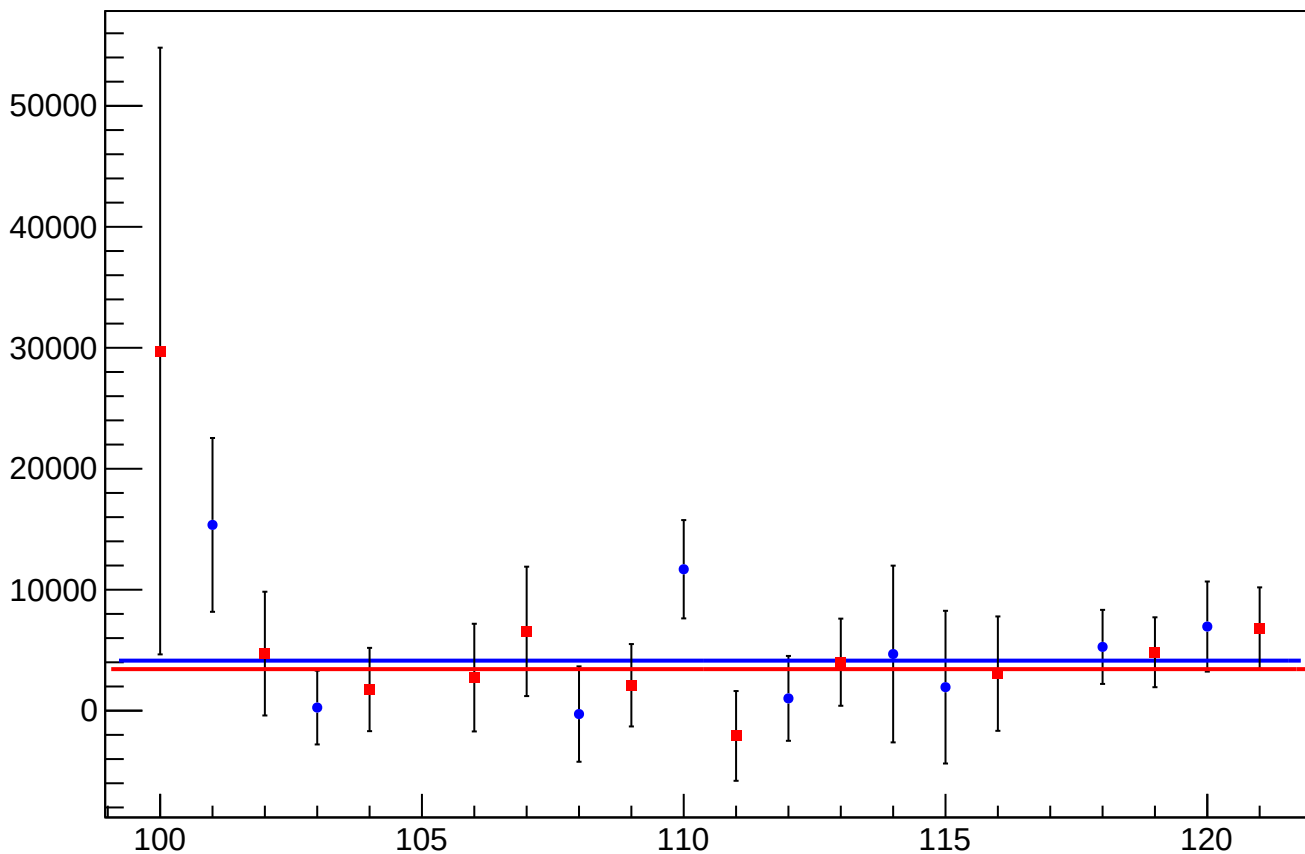
Right: 712.339+/-0.221 χ^2/NDF : 5613780.1/19

In: 880.567+/-0.387 χ^2/NDF : 2006127.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.339+/-0.221 χ^2/NDF : 5613780.1/19

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4137.642+/-1341.556 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3434.803+/-1196.768 χ^2/NDF : 5.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

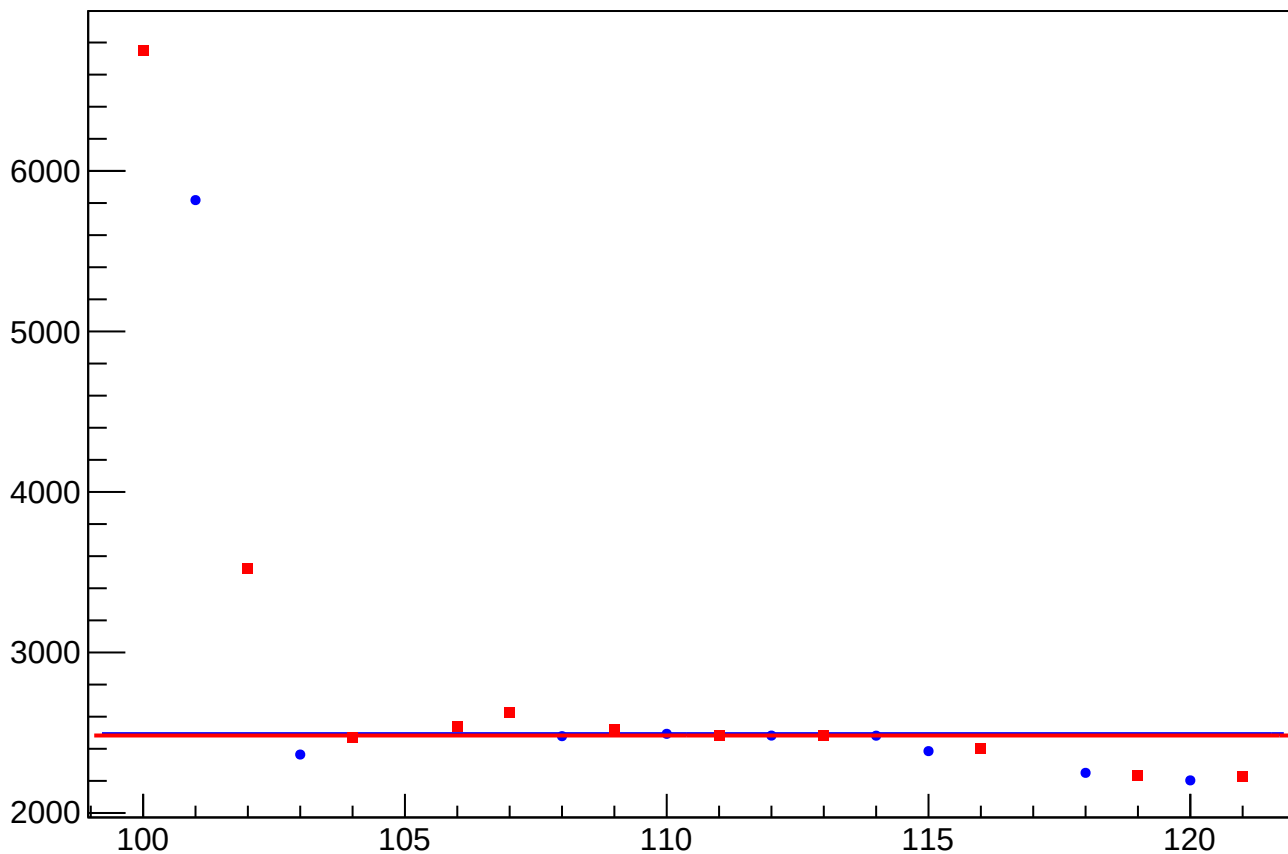
Right: 3746.262+/-893.061 χ^2/NDF : 16.0/19

In: 4137.642+/-1341.556 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3746.262+/-893.061 χ^2/NDF : 16.0/19

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2491.279+/-0.949 χ^2/NDF : 457242.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2482.753+/-0.846 χ^2/NDF : 169815.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

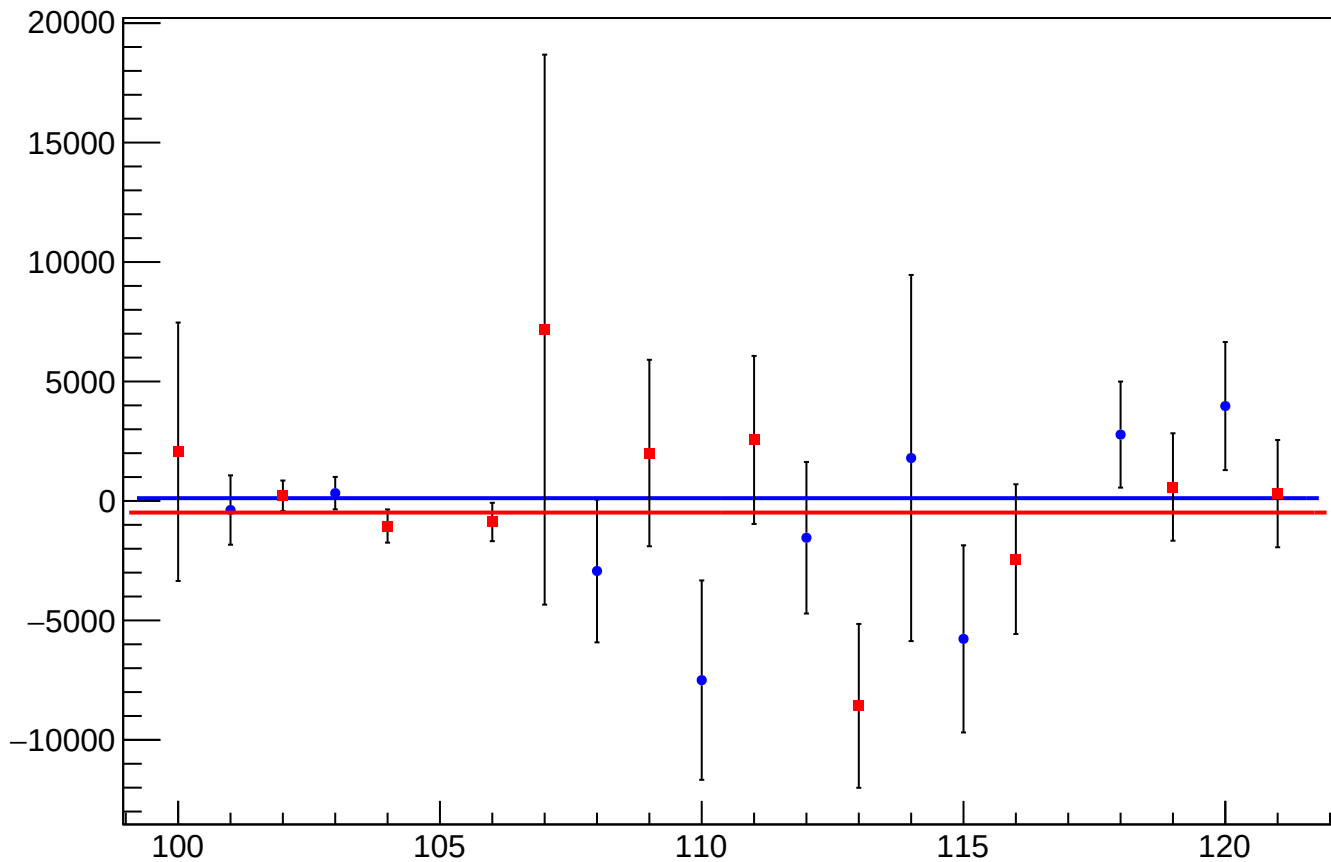
Right: 2486.531+/-0.631 χ^2/NDF : 627103.1/19

In: 2491.279+/-0.949 χ^2/NDF : 457242.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2486.531+/-0.631 χ^2/NDF : 627103.1/19

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 115.908+/-547.666 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -485.966+/-381.711 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

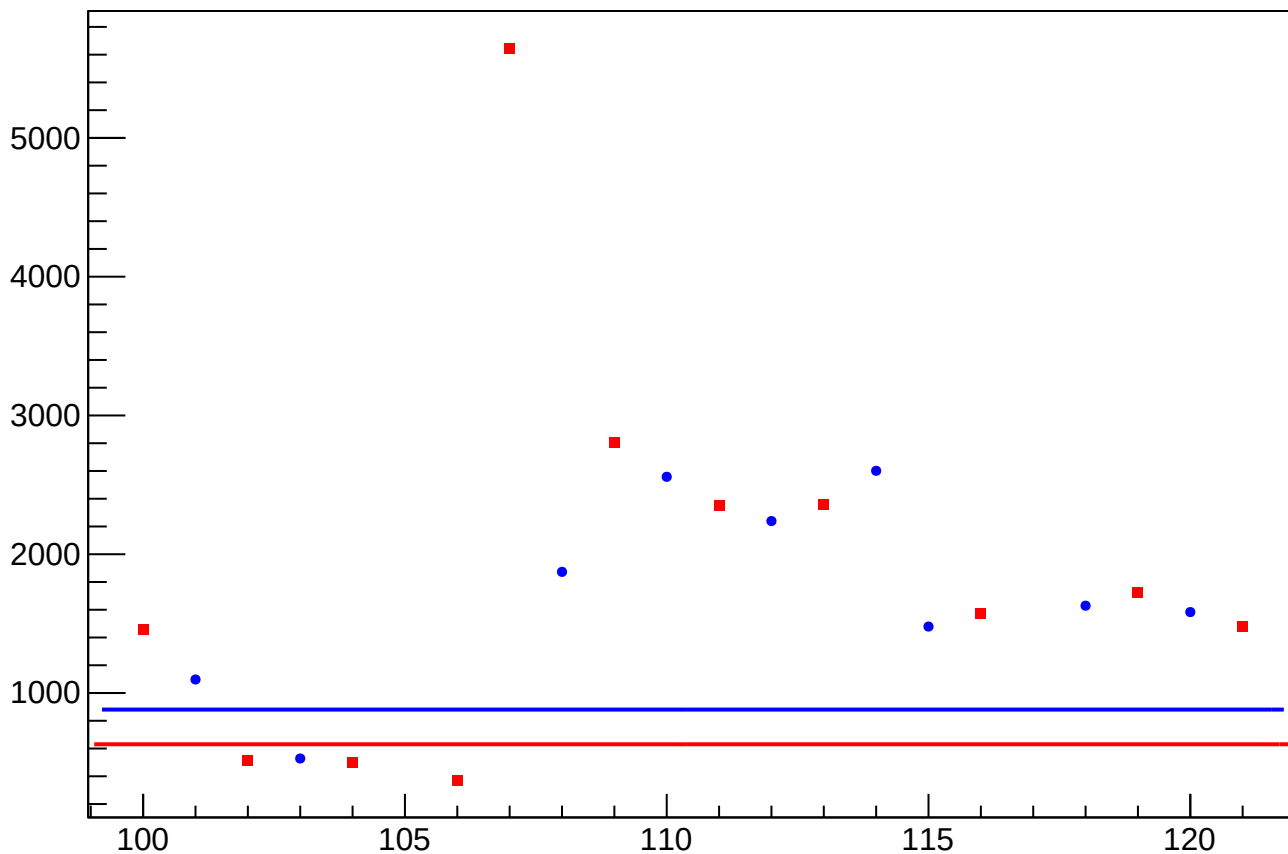
Right: -289.182+/-313.154 χ^2/NDF : 21.7/19

In: 115.908+/-547.666 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -289.182+/-313.154 χ^2/NDF : 21.7/19

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 880.576+/-0.387 χ^2/NDF : 2006090.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.632+/-0.270 χ^2/NDF : 3327208.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

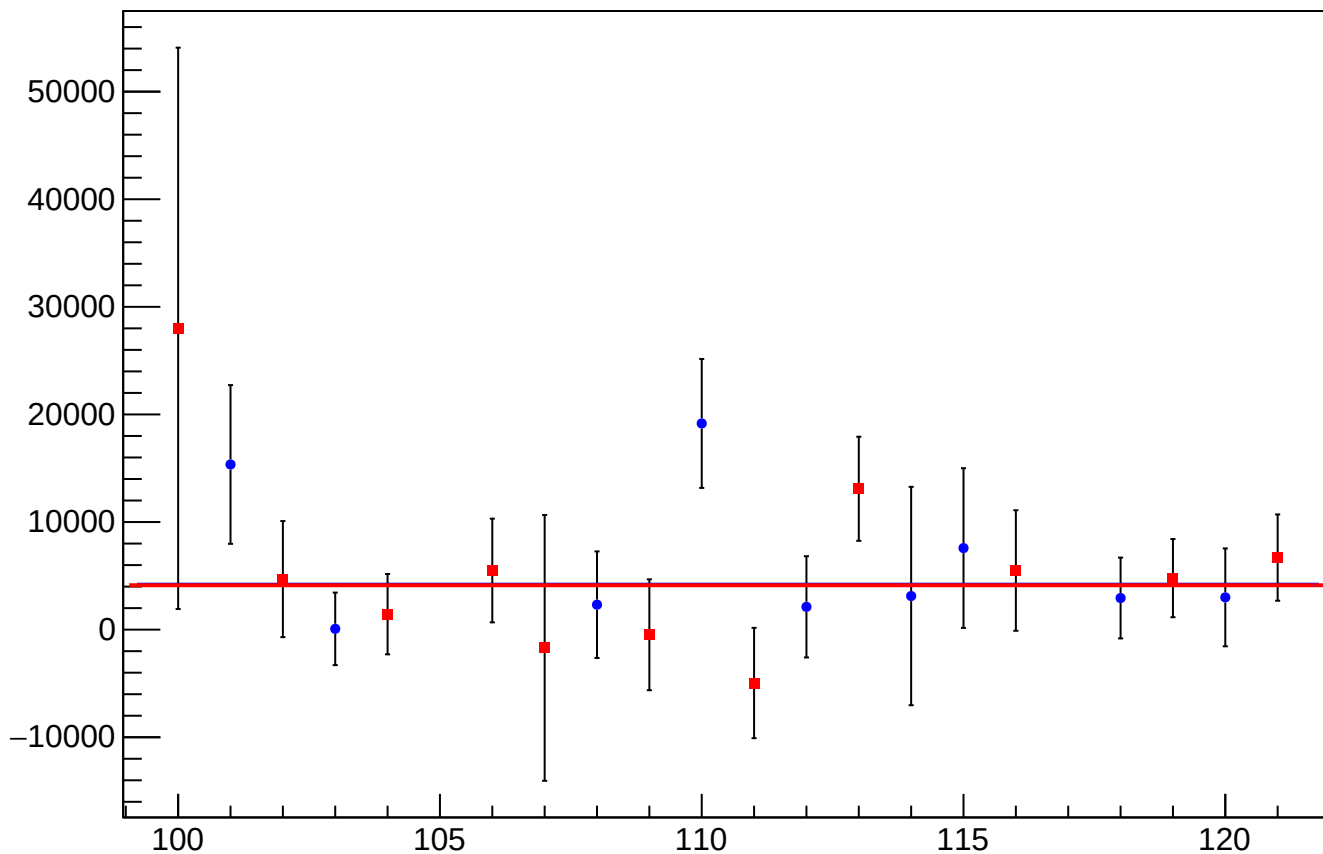
Right: 712.352+/-0.221 χ^2/NDF : 5613668.5/19

In: 880.576+/-0.387 χ^2/NDF : 2006090.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.352+/-0.221 χ^2/NDF : 5613668.5/19

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4176.805+/-1650.088 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4126.926+/-1498.392 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

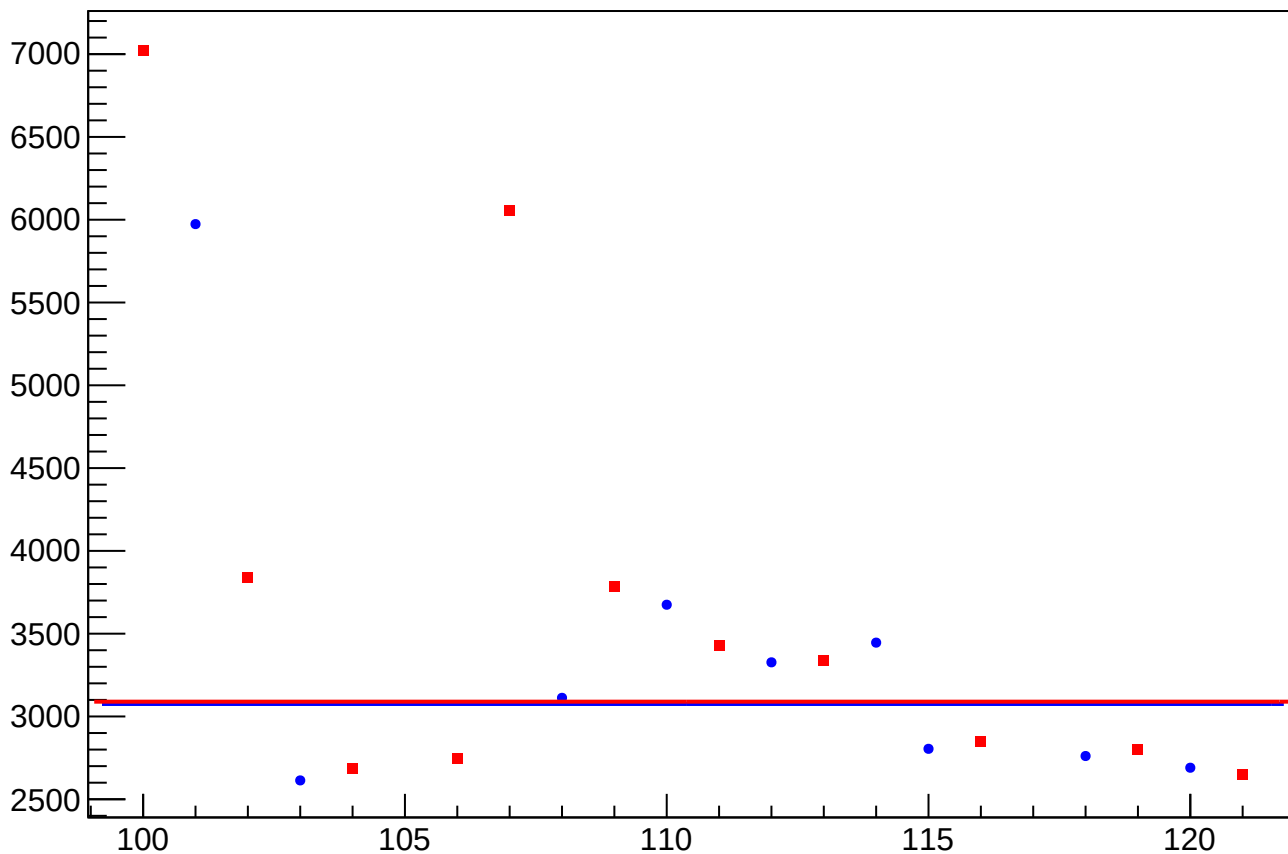
Right: 4149.468+/-1109.285 χ^2/NDF : 20.3/19

In: 4176.805+/-1650.088 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4149.468+/-1109.285 χ^2/NDF : 20.3/19

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3075.456+/-1.167 χ^2/NDF : 405774.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3089.395+/-1.060 χ^2/NDF : 323232.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

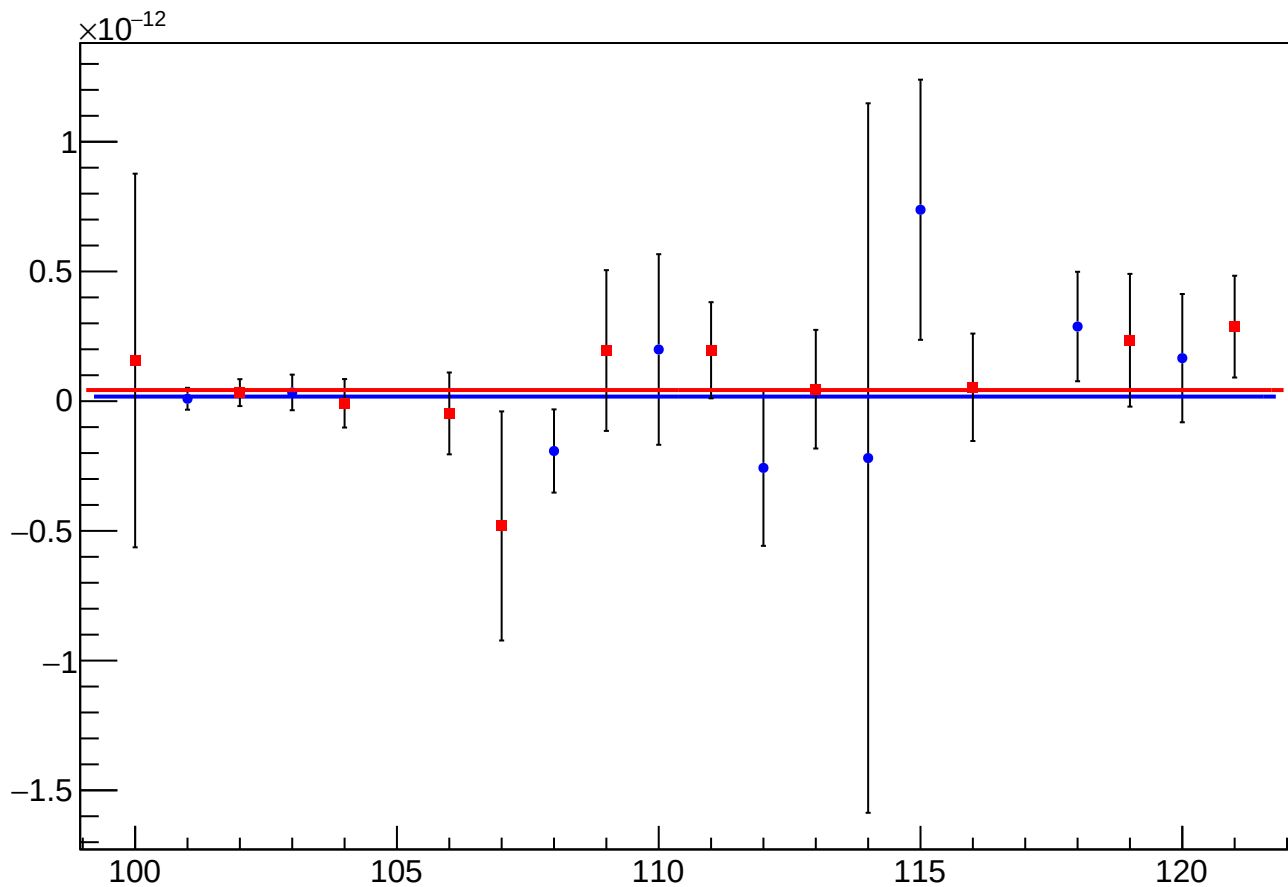
Right: 3083.096+/-0.784 χ^2/NDF : 729085.9/19

In: 3075.456+/-1.167 χ^2/NDF : 405774.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3083.096+/-0.784 χ^2/NDF : 729085.9/19

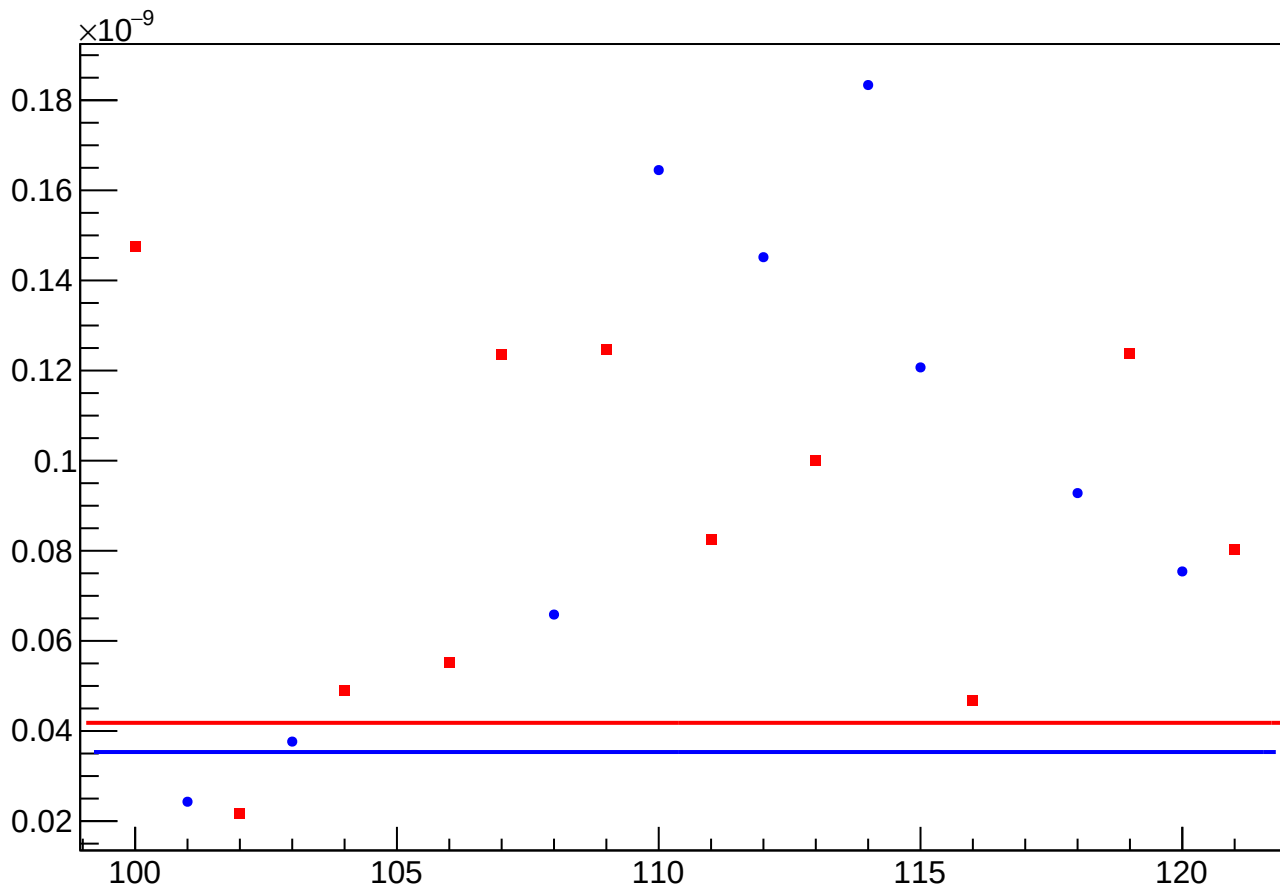
asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 12.4/19
 In: 0.000+/-0.000 χ^2/NDF : 7.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 12.4/19

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1008550.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1092227.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

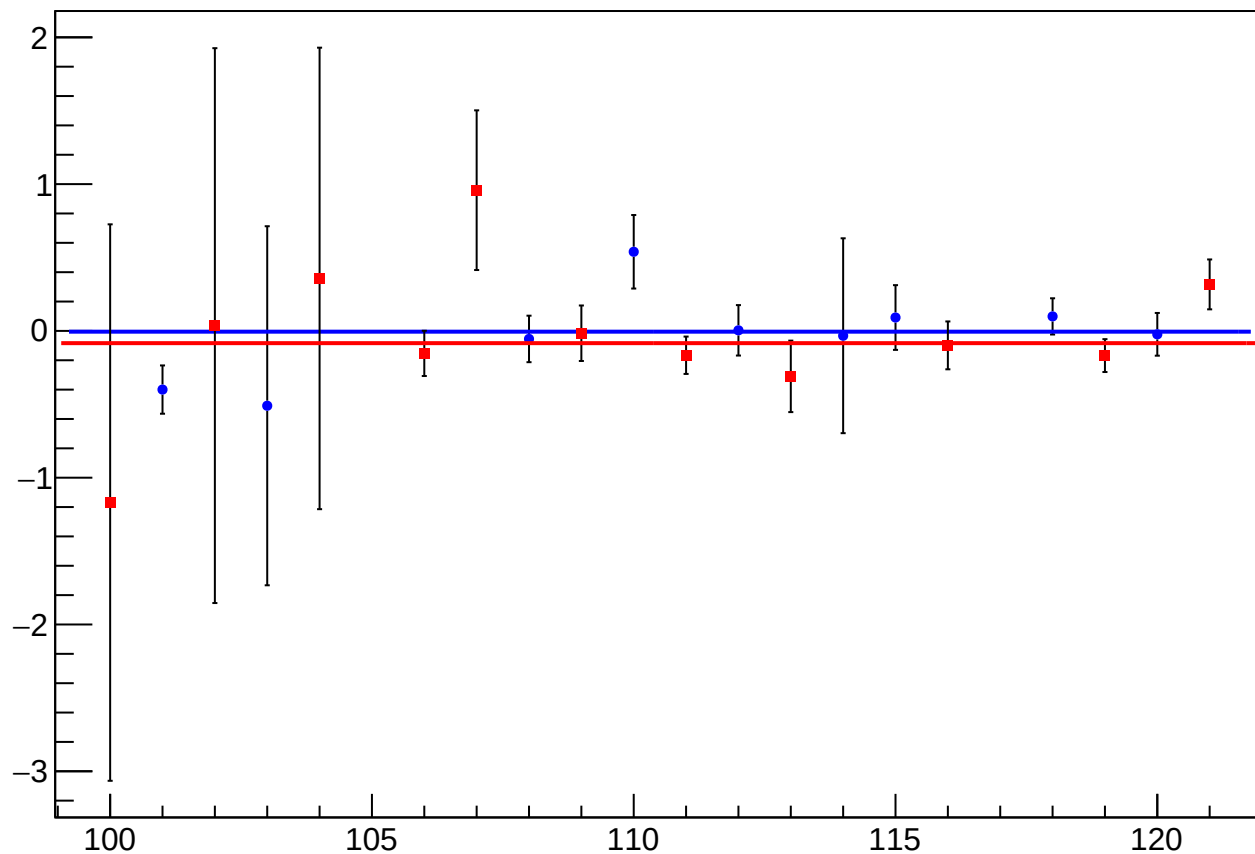
Right: 0.000+/-0.000 χ^2/NDF : 2132304.8/19

In: 0.000+/-0.000 χ^2/NDF : 1008550.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2132304.8/19

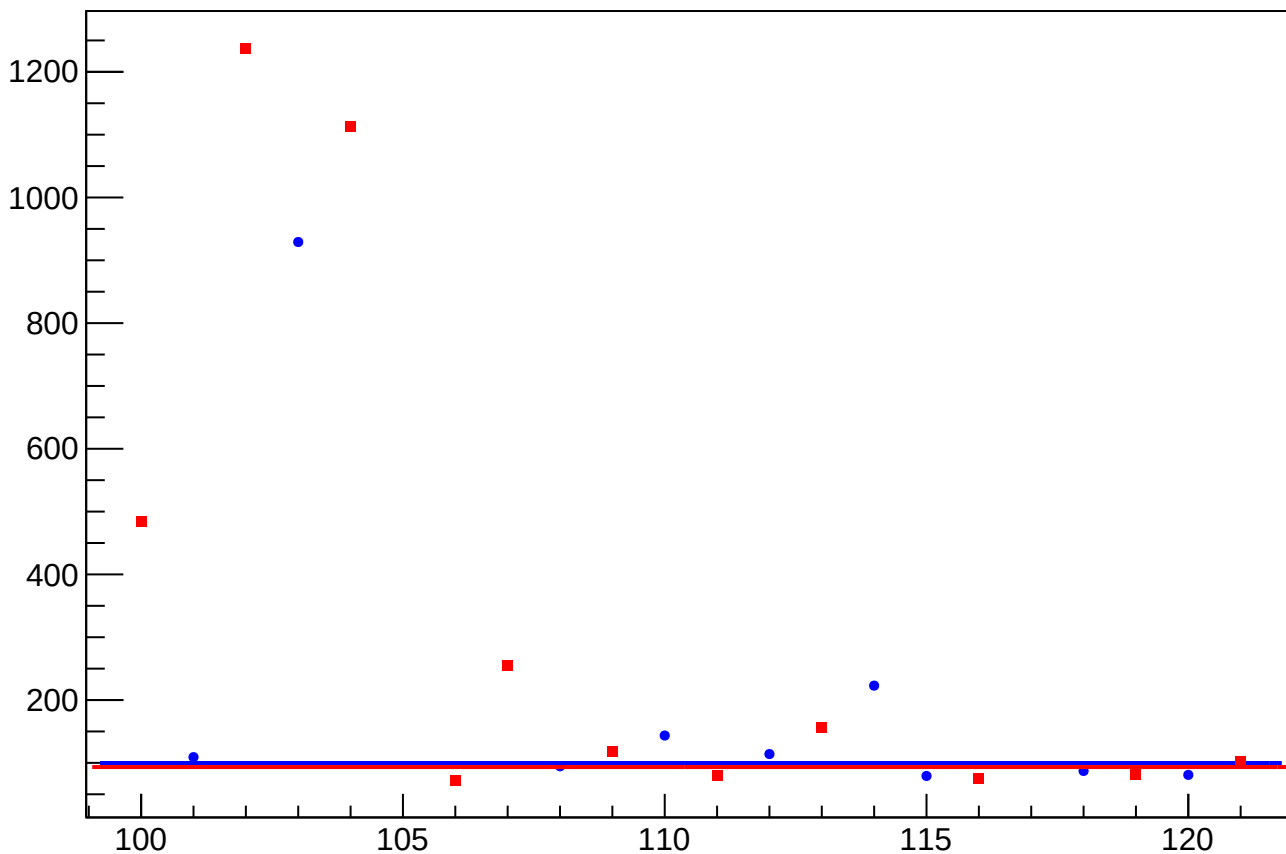
asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.062 χ^2 /NDF: 11.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.083 $\pm$ 0.057 χ^2 /NDF: 11.8/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.047 $\pm$ 0.042 χ^2 /NDF: 24.4/19
 In: -0.005 $\pm$ 0.062 χ^2 /NDF:11.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.047 $\pm$ 0.042 χ^2 /NDF: 24.4/19

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.326+/-0.040 χ^2/NDF : 2124399.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

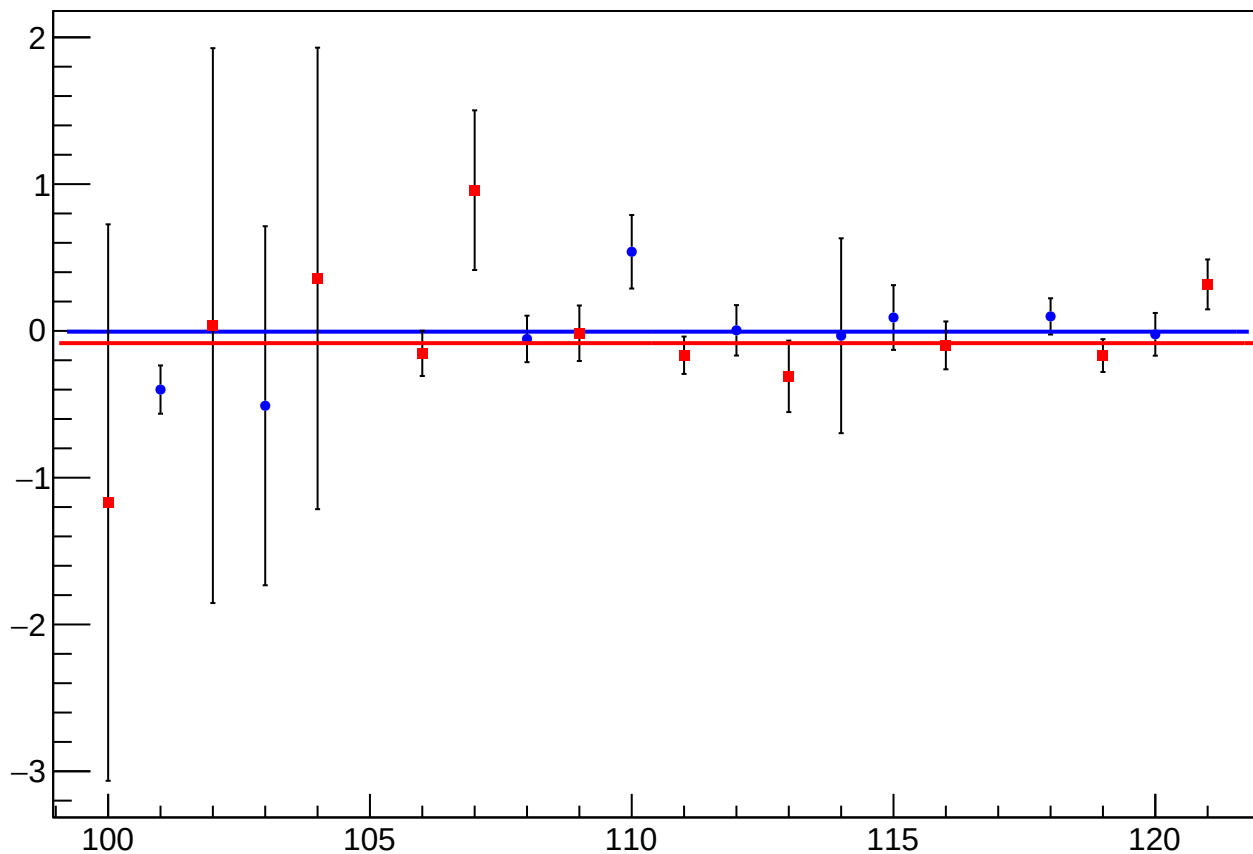
Right: 96.318+/-0.030 χ^2/NDF : 3280372.5/19

In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.318+/-0.030 χ^2/NDF : 3280372.5/19

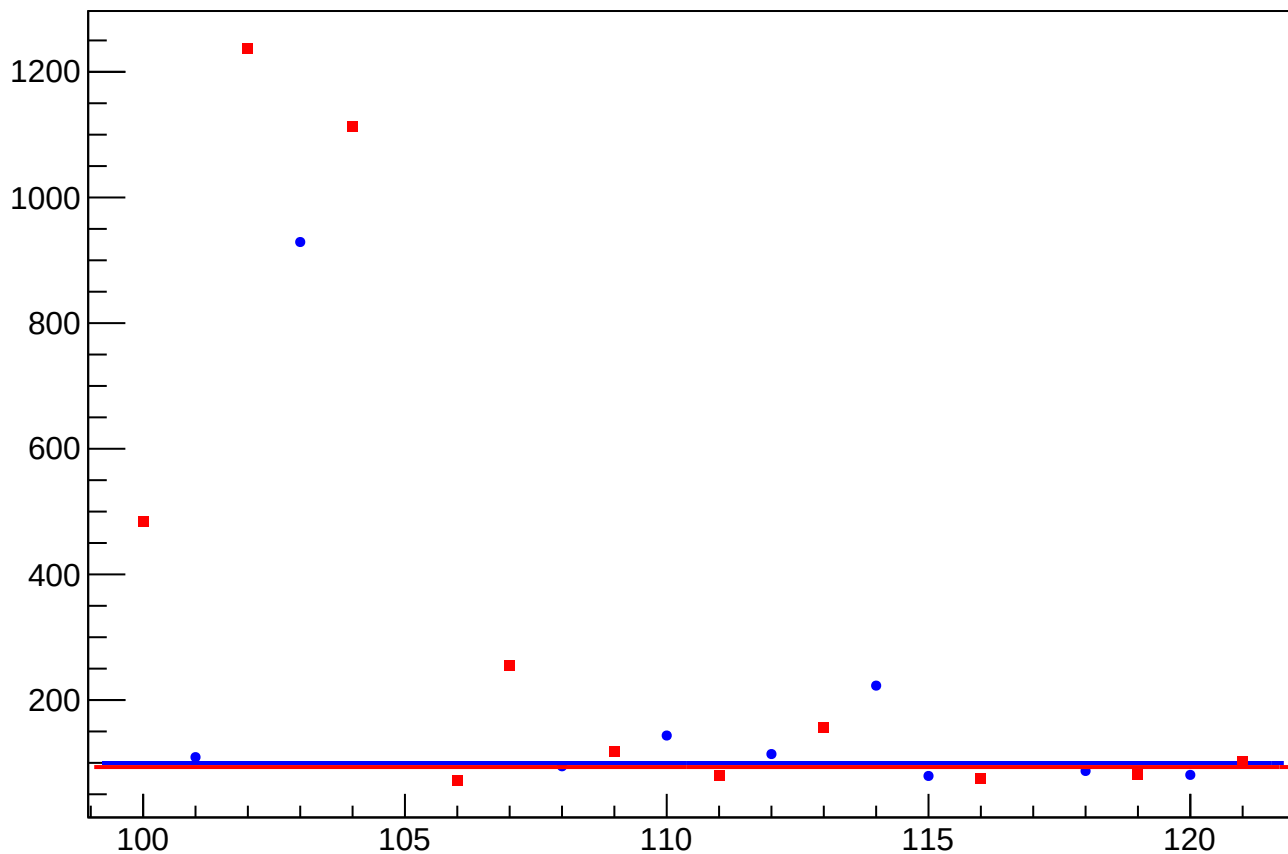
asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.062 χ^2 /NDF: 11.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.083 $\pm$ 0.057 χ^2 /NDF: 11.8/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.047 $\pm$ 0.042 χ^2 /NDF: 24.4/19
 In: -0.005 $\pm$ 0.062 χ^2 /NDF:11.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.047 $\pm$ 0.042 χ^2 /NDF: 24.4/19

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.326+/-0.040 χ^2/NDF : 2124399.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

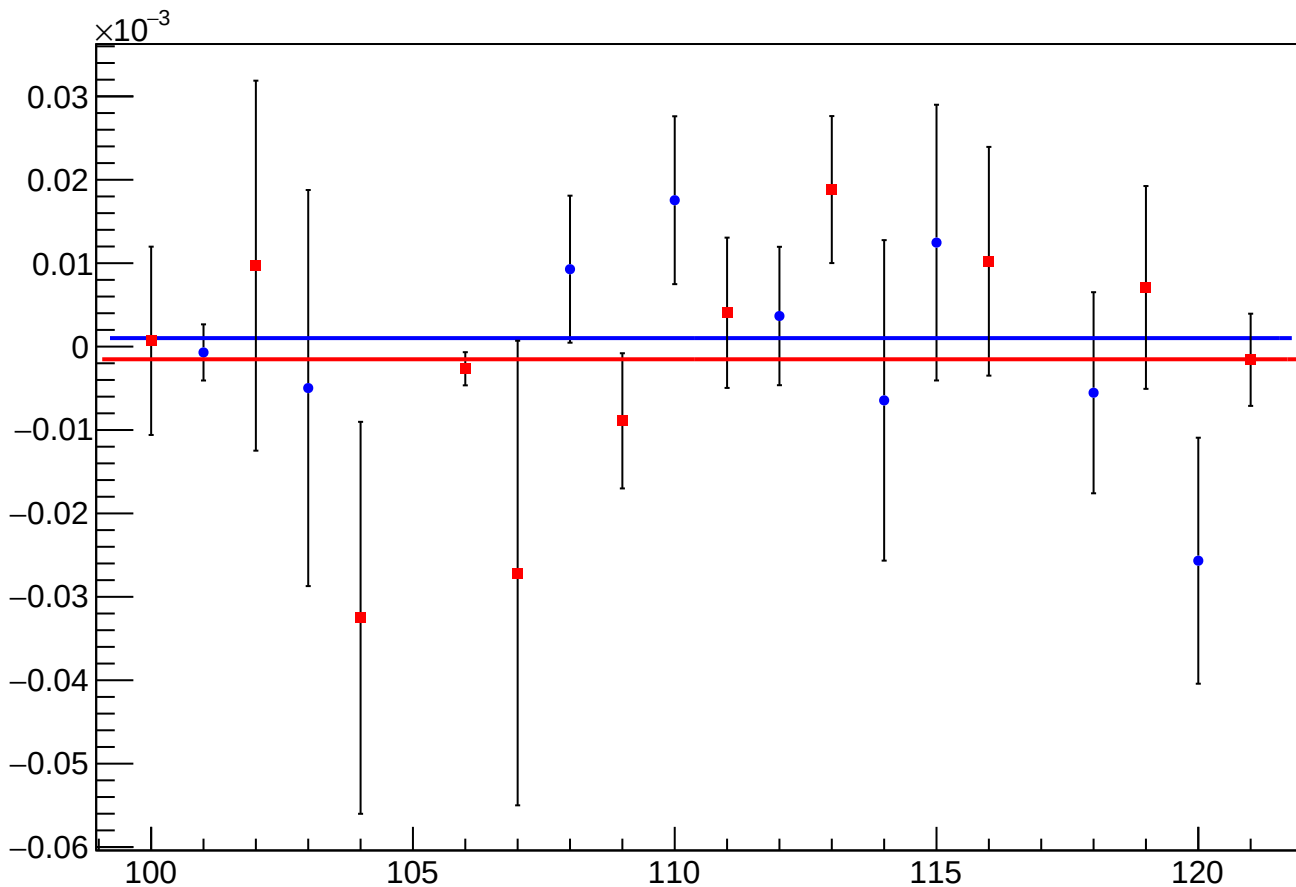
Right: 96.318+/-0.030 χ^2/NDF : 3280372.5/19

In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.318+/-0.030 χ^2/NDF : 3280372.5/19

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 : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

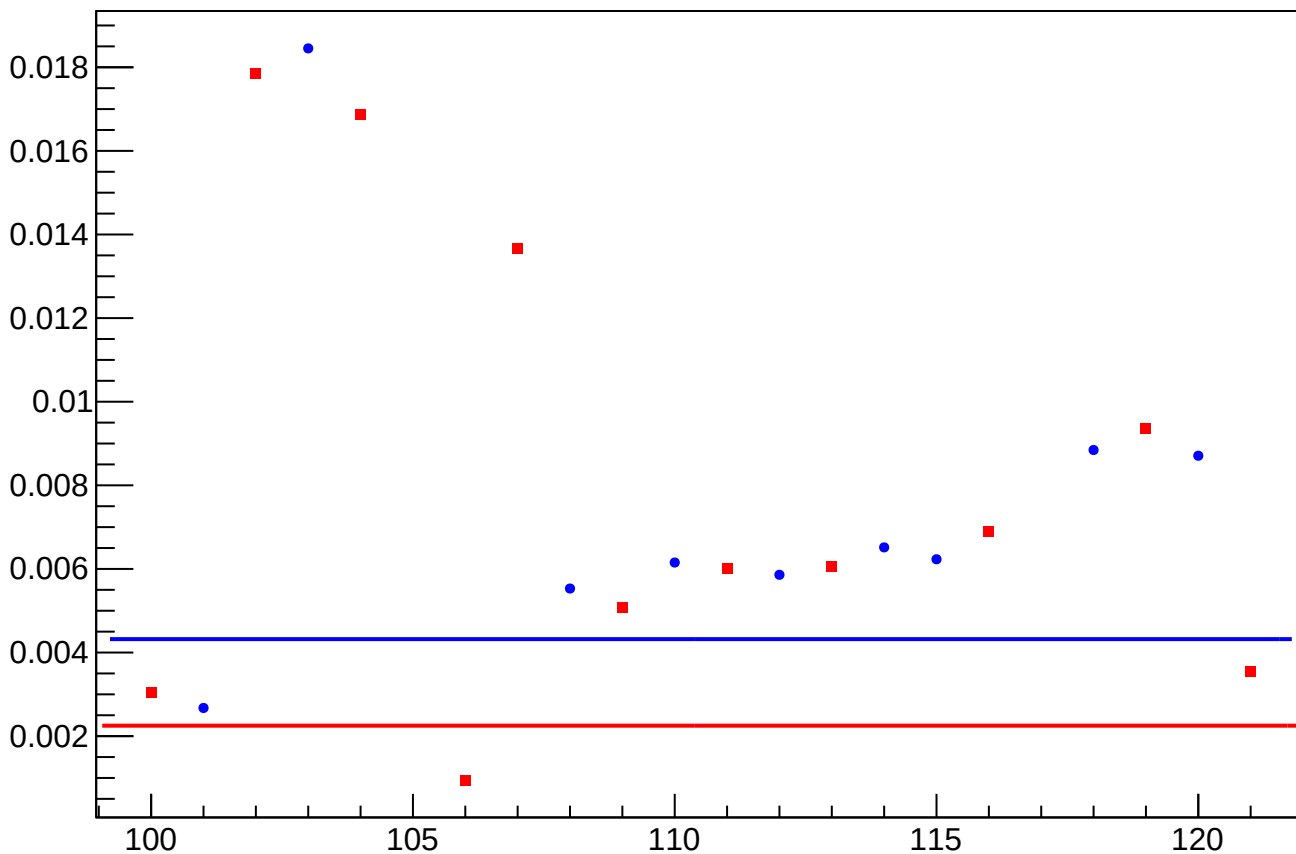
Right: -0.000+/-0.000 χ^2/NDF : 19.9/19

In: 0.000+/-0.000 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/19

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 : 1871486.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4984420.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

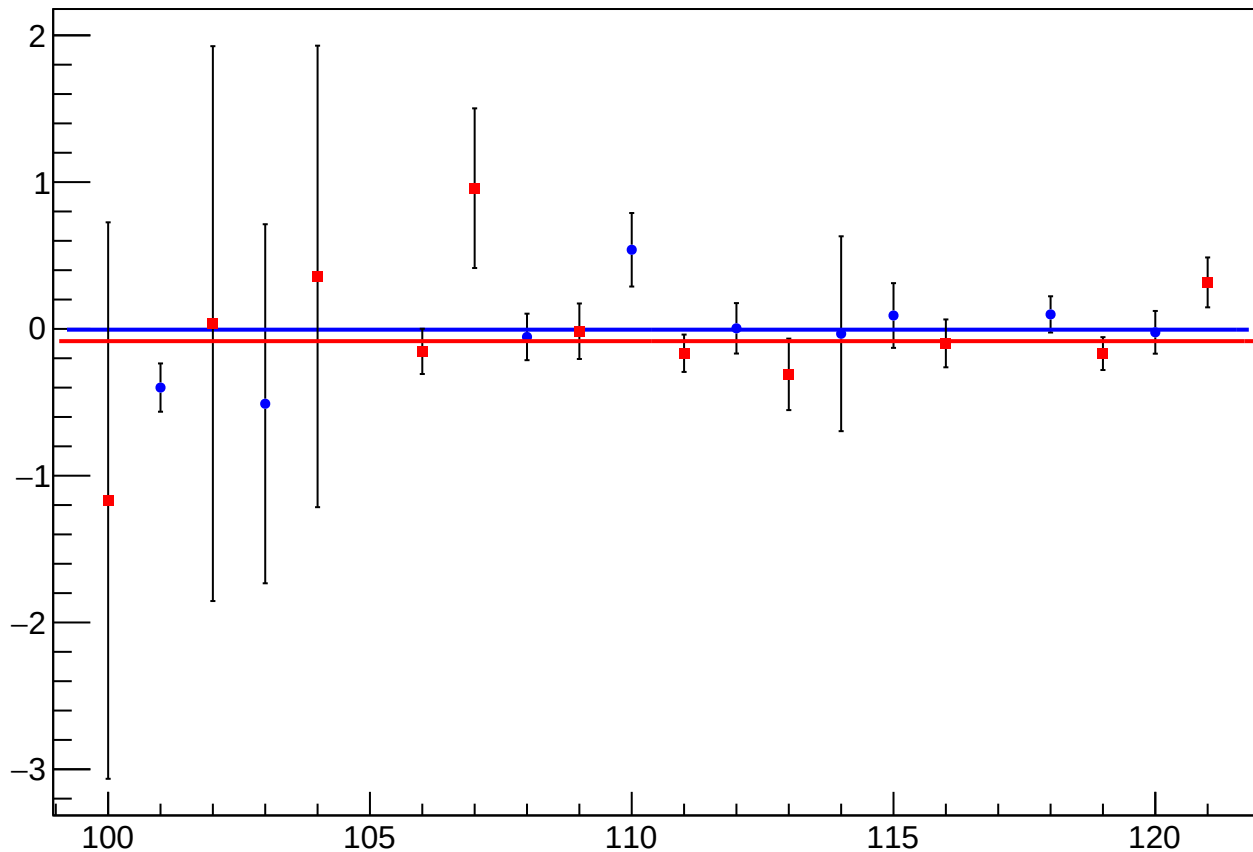
Right: 0.003+/-0.000 χ^2/NDF : 7736784.6/19

In: 0.004+/-0.000 χ^2/NDF : 1871486.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7736784.6/19

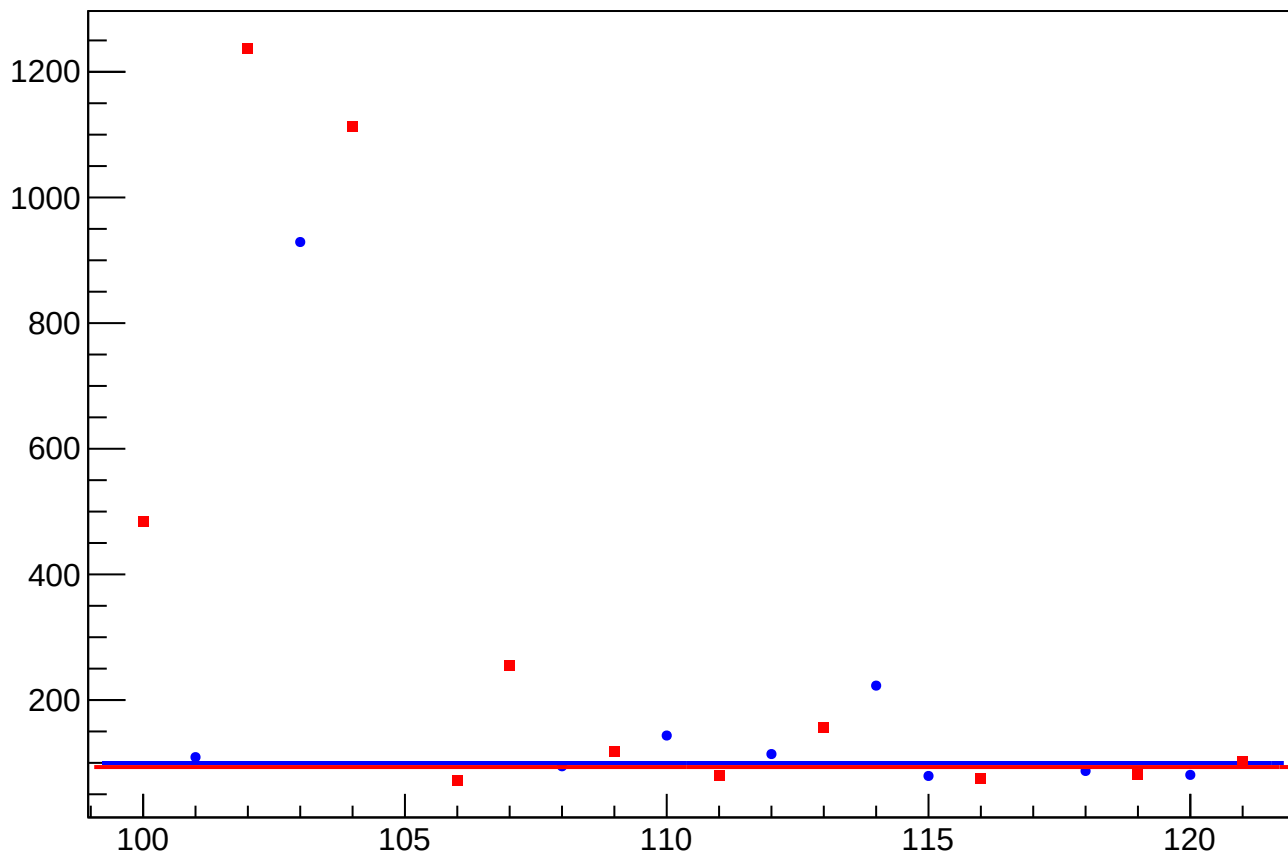
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.062 χ^2/NDF : 11.7/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.083 ± 0.057 χ^2/NDF : 11.8/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.047 ± 0.042 χ^2/NDF : 24.4/19
 In: -0.005 ± 0.062 χ^2/NDF : 11.7/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.047 ± 0.042 χ^2/NDF : 24.4/19

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.324+/-0.040 χ^2/NDF : 2124393.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

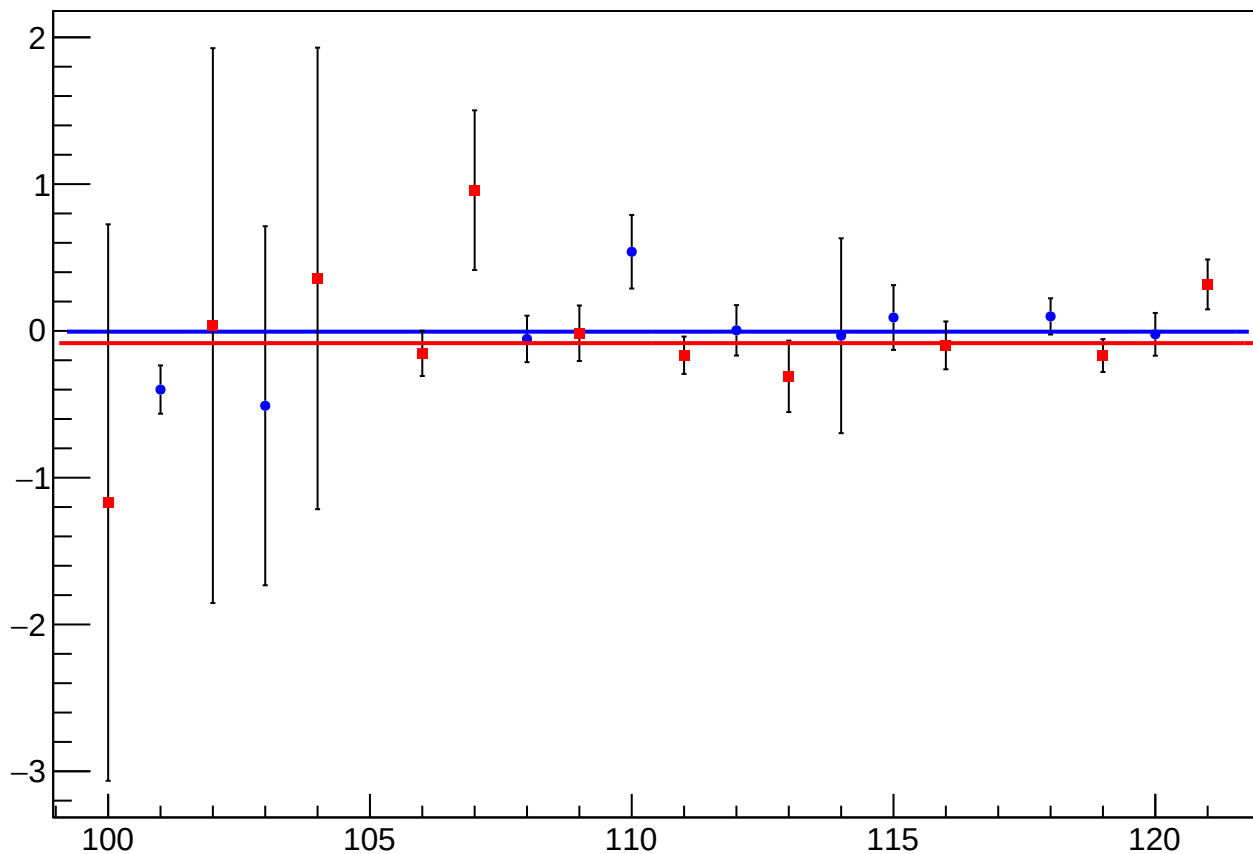
Right: 96.317+/-0.030 χ^2/NDF : 3280381.4/19

In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.317+/-0.030 χ^2/NDF : 3280381.4/19

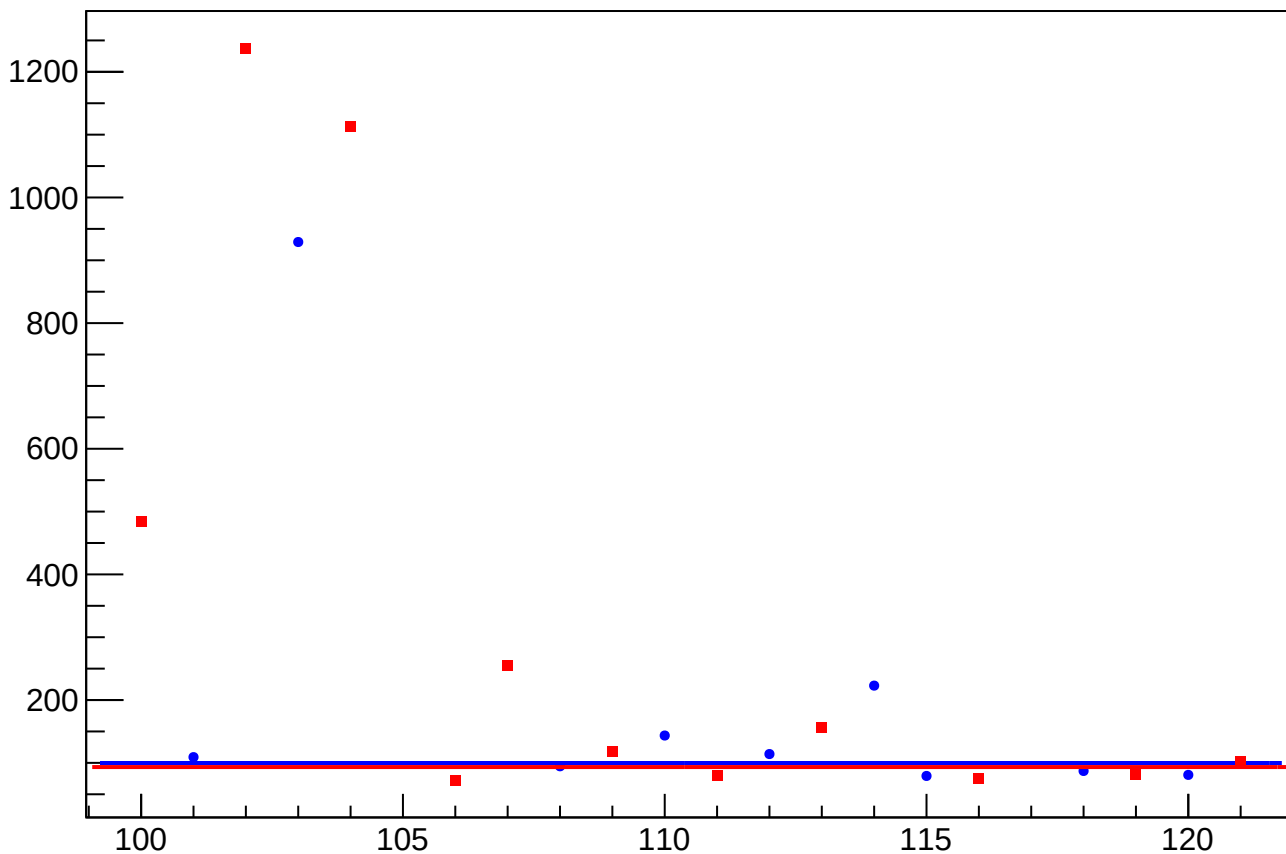
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.062 χ^2 /NDF: 11.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.083 $\pm$ 0.057 χ^2 /NDF: 11.8/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.047 $\pm$ 0.042 χ^2 /NDF: 24.4/19
 In: -0.005 $\pm$ 0.062 χ^2 /NDF:11.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.047 $\pm$ 0.042 χ^2 /NDF: 24.4/19

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.324+/-0.040 χ^2/NDF : 2124393.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

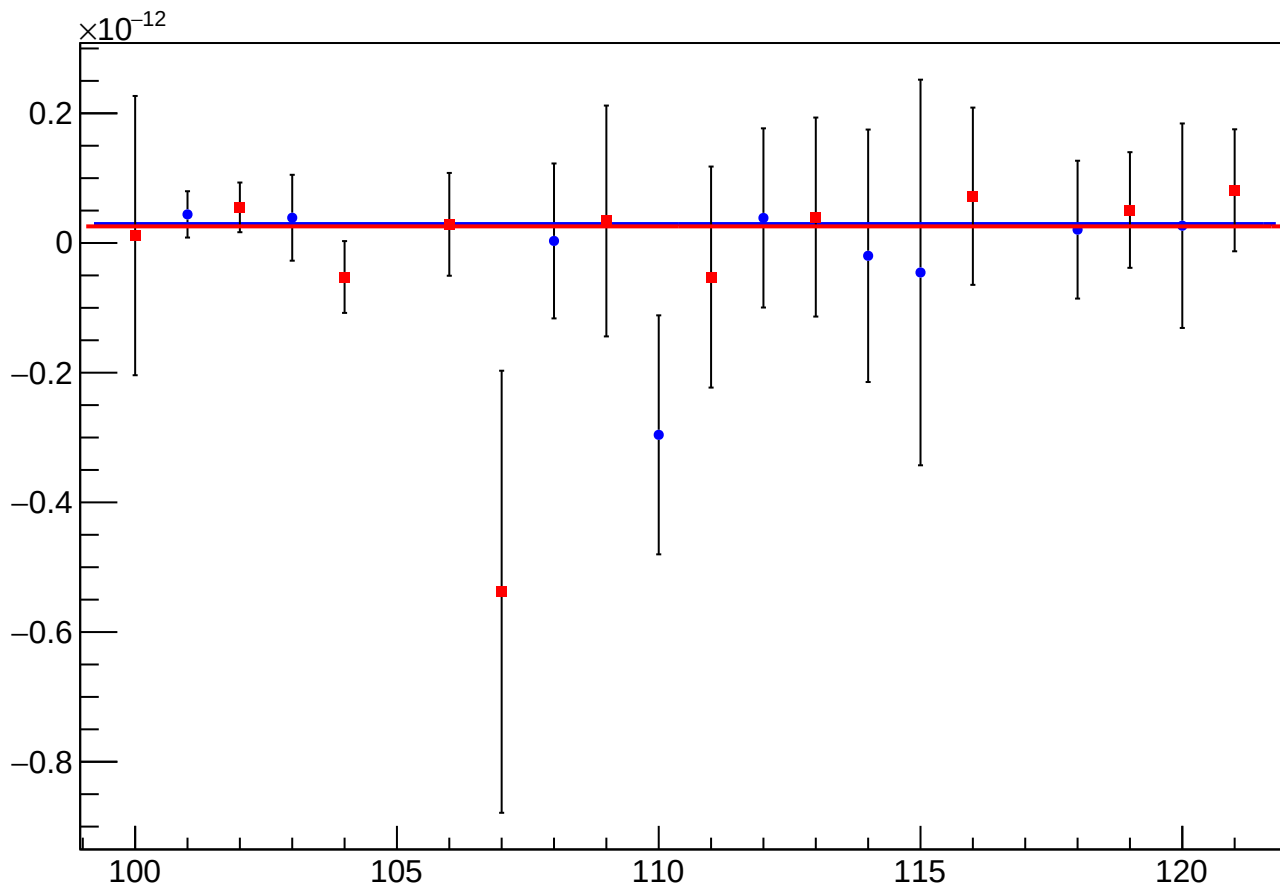
Right: 96.317+/-0.030 χ^2/NDF : 3280381.4/19

In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.317+/-0.030 χ^2/NDF : 3280381.4/19

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 : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

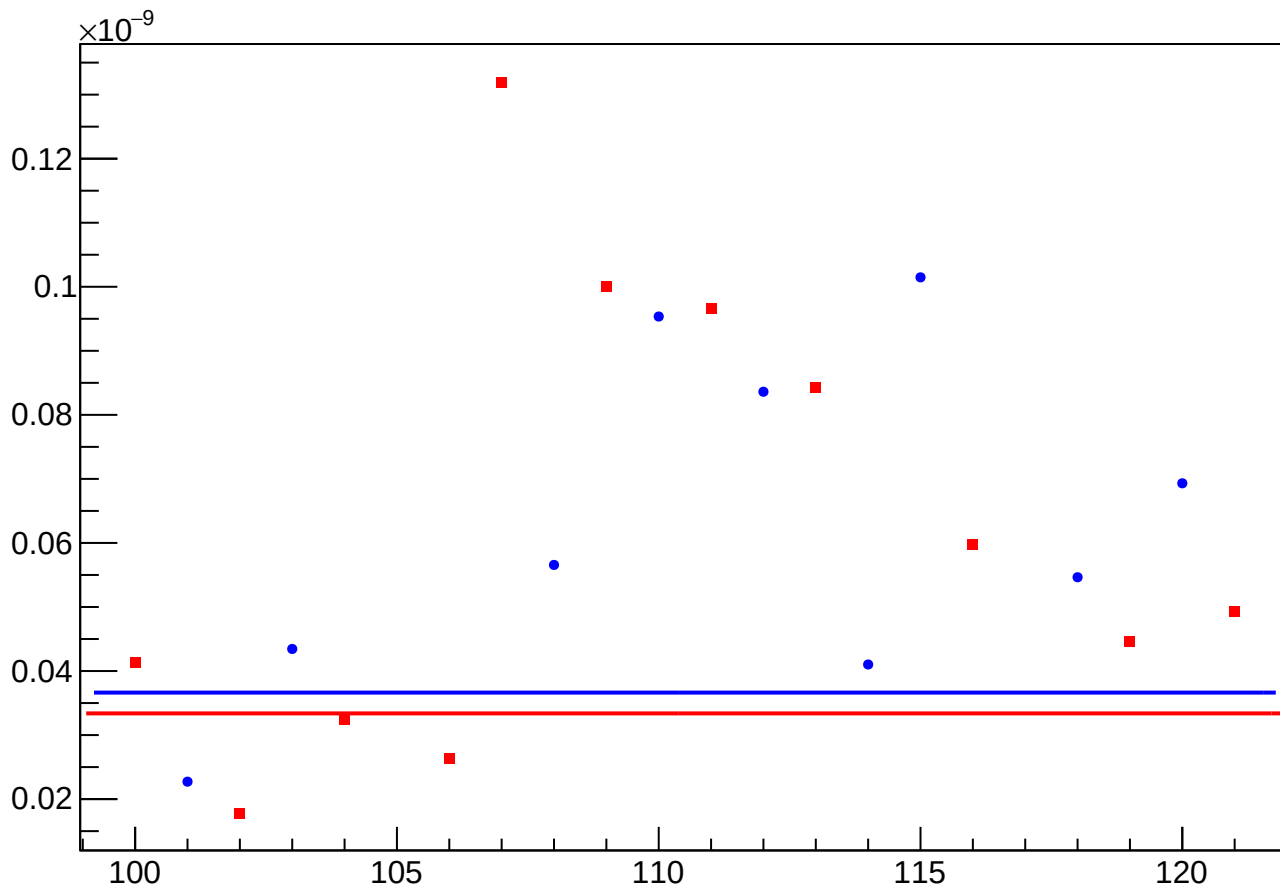
Right: 0.000+/-0.000 χ^2/NDF : 9.6/19

In: 0.000+/-0.000 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.6/19

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 : 1053821.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1458321.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

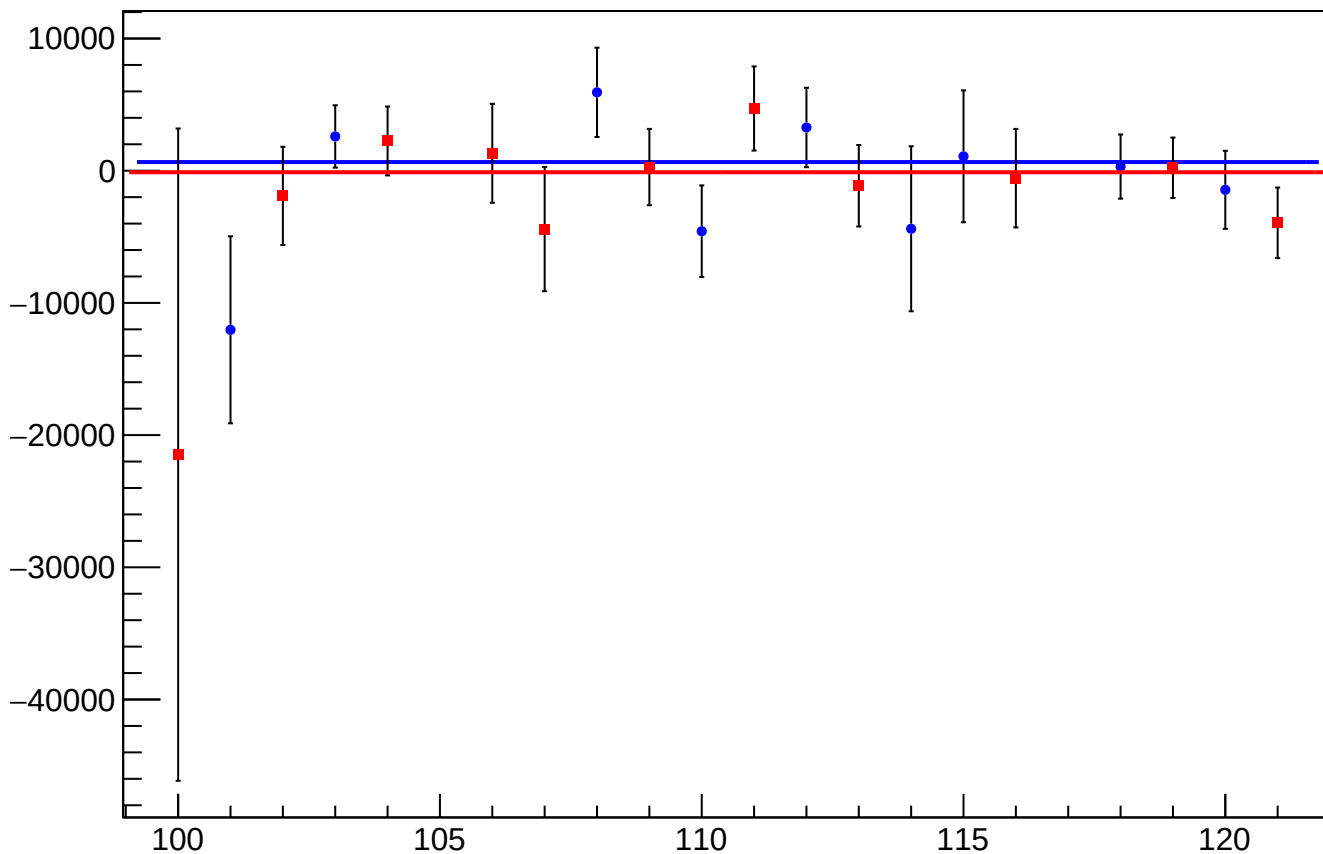
Right: 0.000+/-0.000 χ^2/NDF : 2527435.9/19

In: 0.000+/-0.000 χ^2/NDF : 1053821.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2527435.9/19

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 654.774+/-1096.516 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.354+/-968.404 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

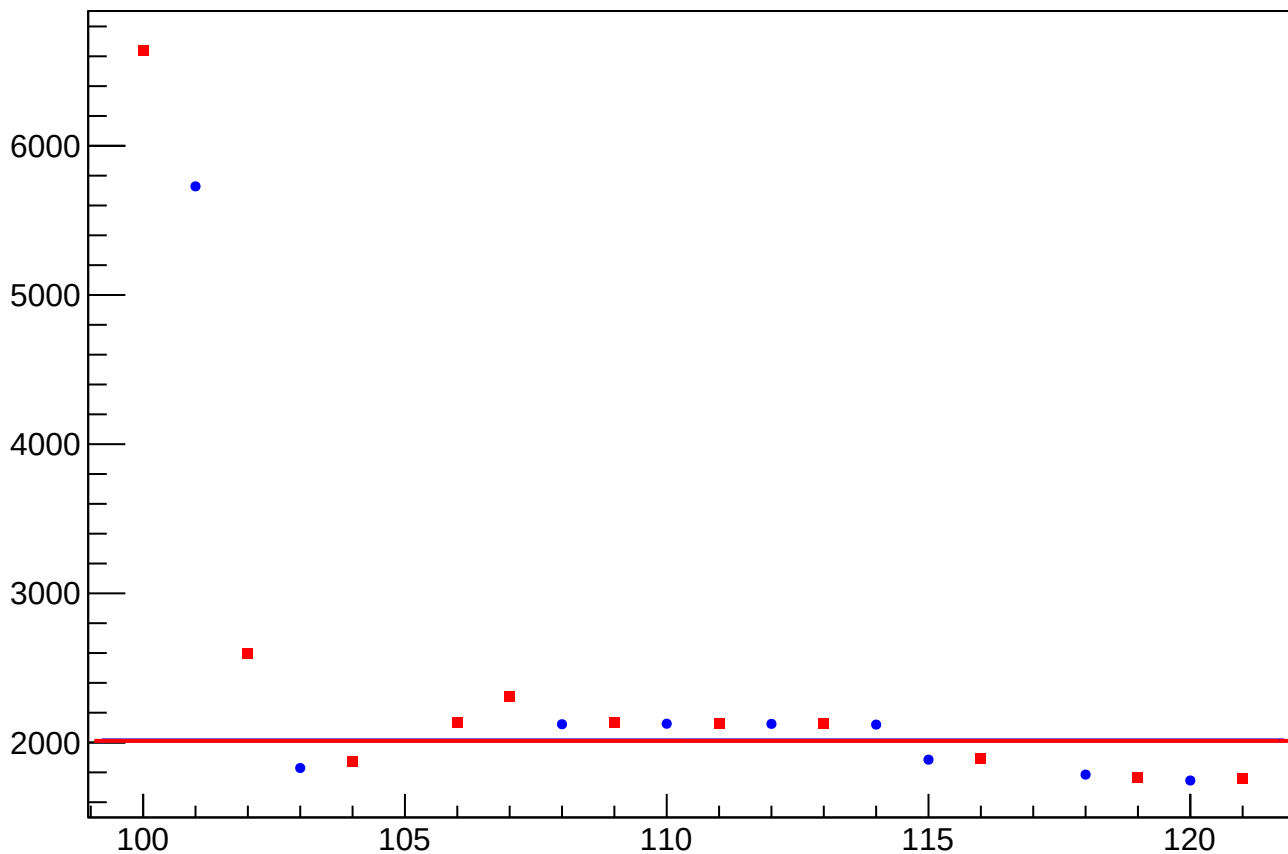
Right: 222.675+/-725.854 χ^2/NDF : 18.1/19

In: 654.774+/-1096.516 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.675+/-725.854 χ^2/NDF : 18.1/19

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2014.171+/-0.775 χ^2/NDF : 606775.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2011.089+/-0.685 χ^2/NDF : 187893.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

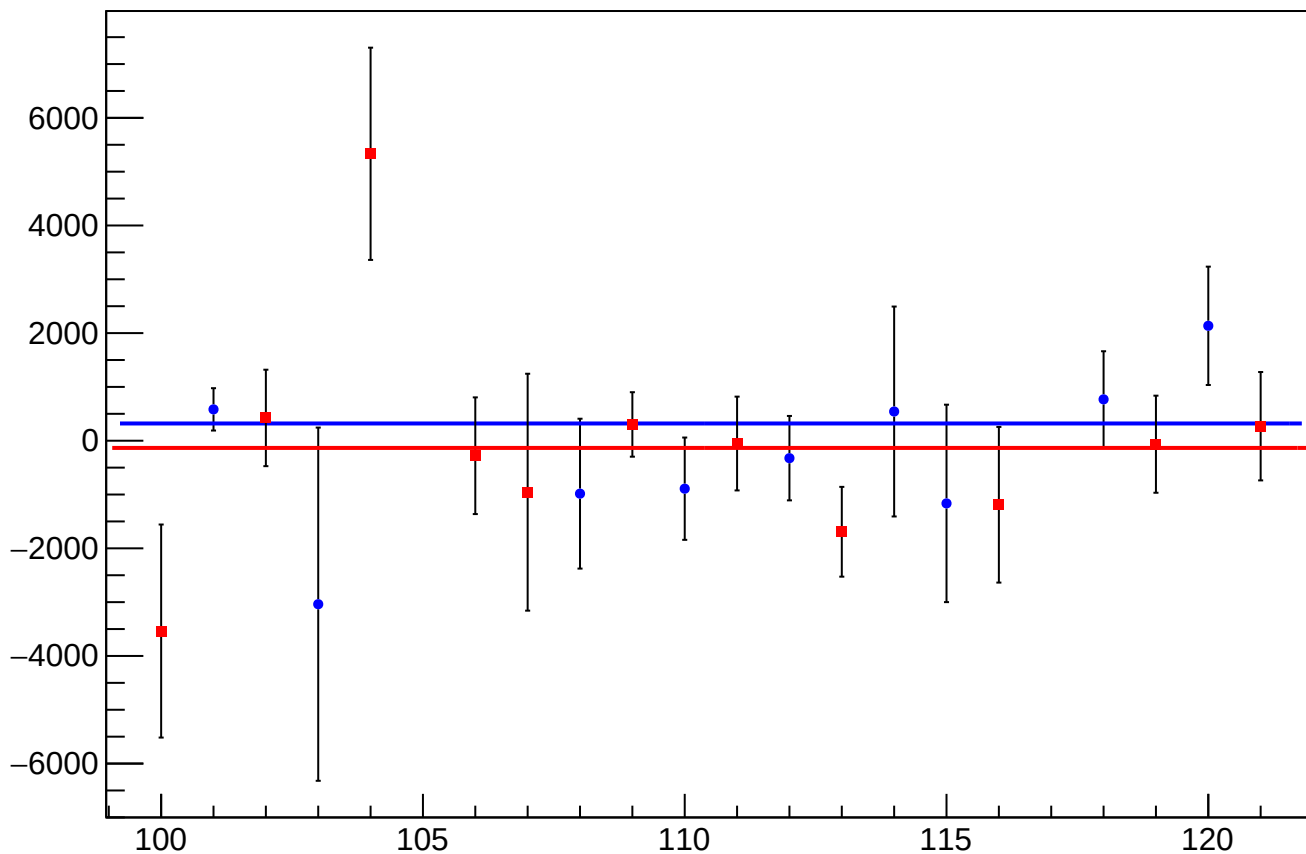
Right: 2012.440+/-0.513 χ^2/NDF : 794677.8/19

In: 2014.171+/-0.775 χ^2/NDF : 606775.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.440+/-0.513 χ^2/NDF : 794677.8/19

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 320.475+/-283.549 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.884+/-300.899 χ^2/NDF : 15.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

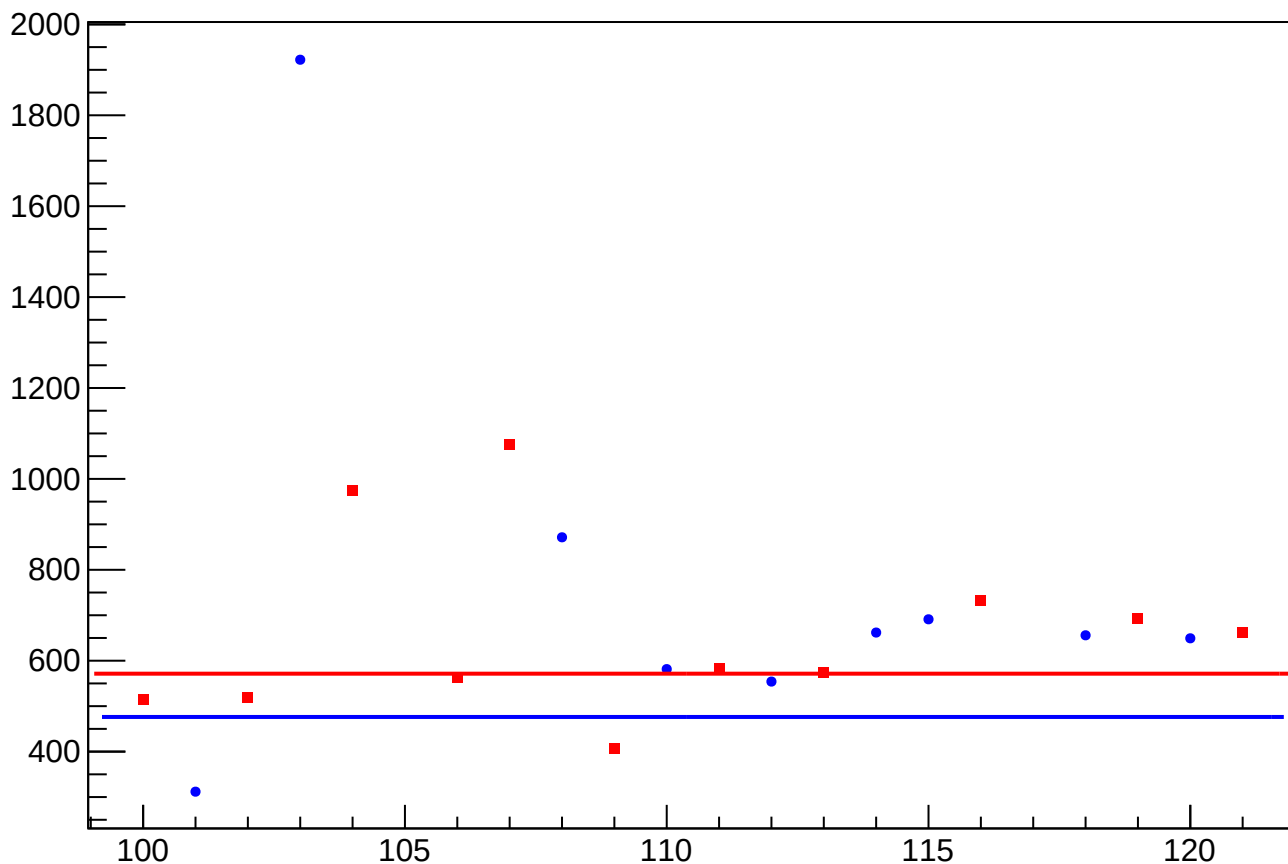
Right: 106.773+/-206.361 χ^2/NDF : 25.4/19

In: 320.475+/-283.549 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.773+/-206.361 χ^2/NDF : 25.4/19

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 476.229+/-0.200 χ^2/NDF : 1118534.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.449+/-0.213 χ^2/NDF : 425367.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

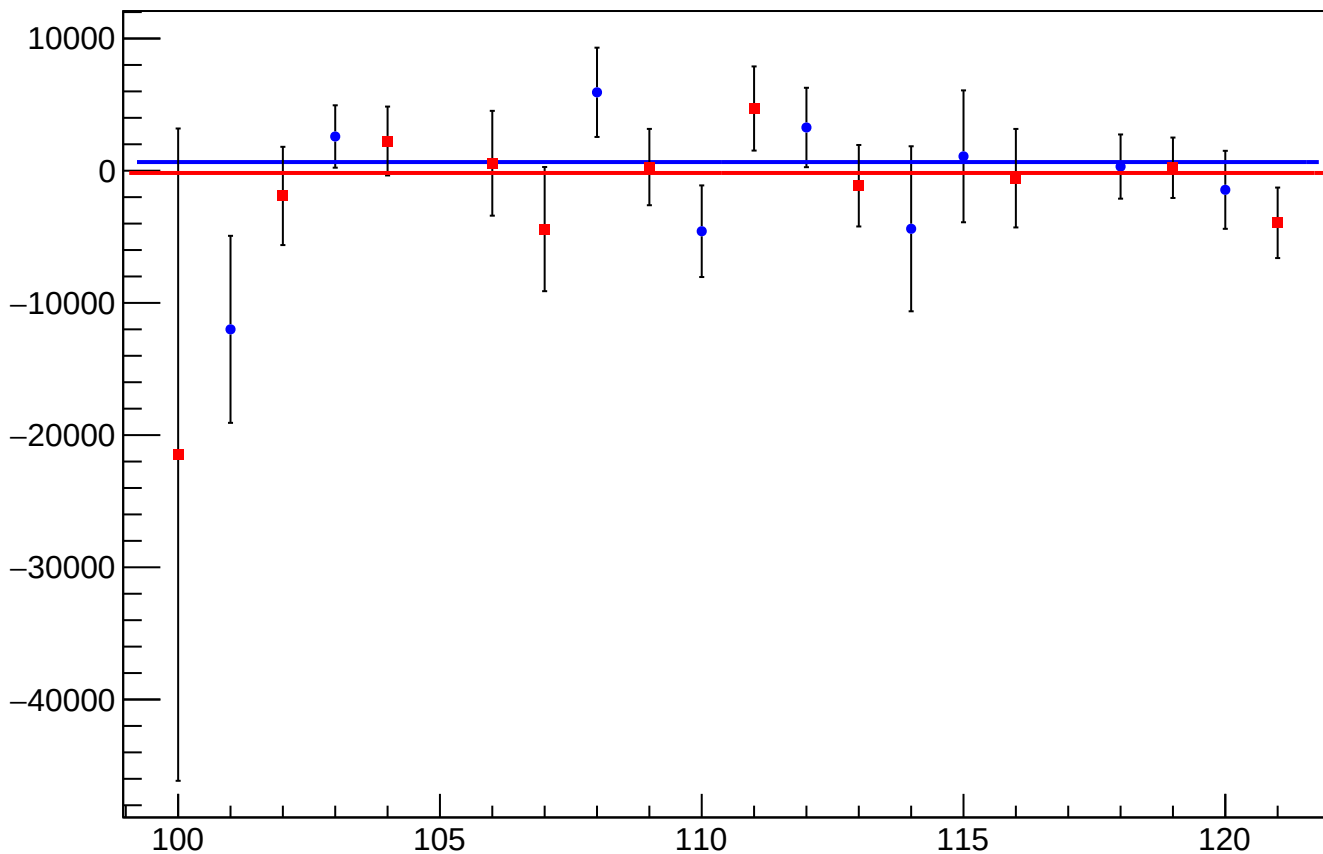
Right: 521.015+/-0.146 χ^2/NDF : 1649984.9/19

In: 476.229+/-0.200 χ^2/NDF : 1118534.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.015+/-0.146 χ^2/NDF : 1649984.9/19

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -170.567+/-971.955 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

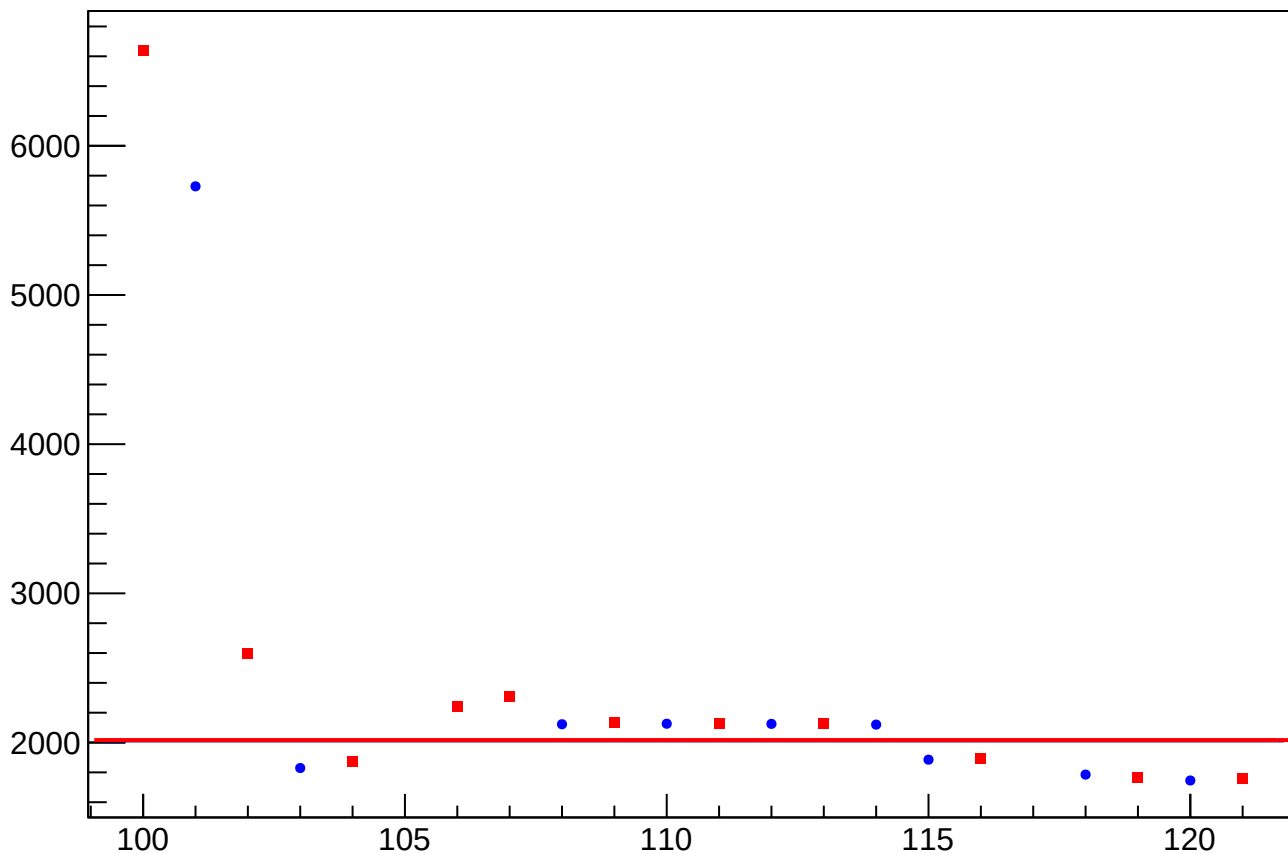
Right: 192.644+/-727.346 χ^2/NDF : 18.0/19

In: 654.916+/-1096.516 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 192.644+/-727.346 χ^2/NDF : 18.0/19

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.485+/-0.687 χ^2/NDF : 192346.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

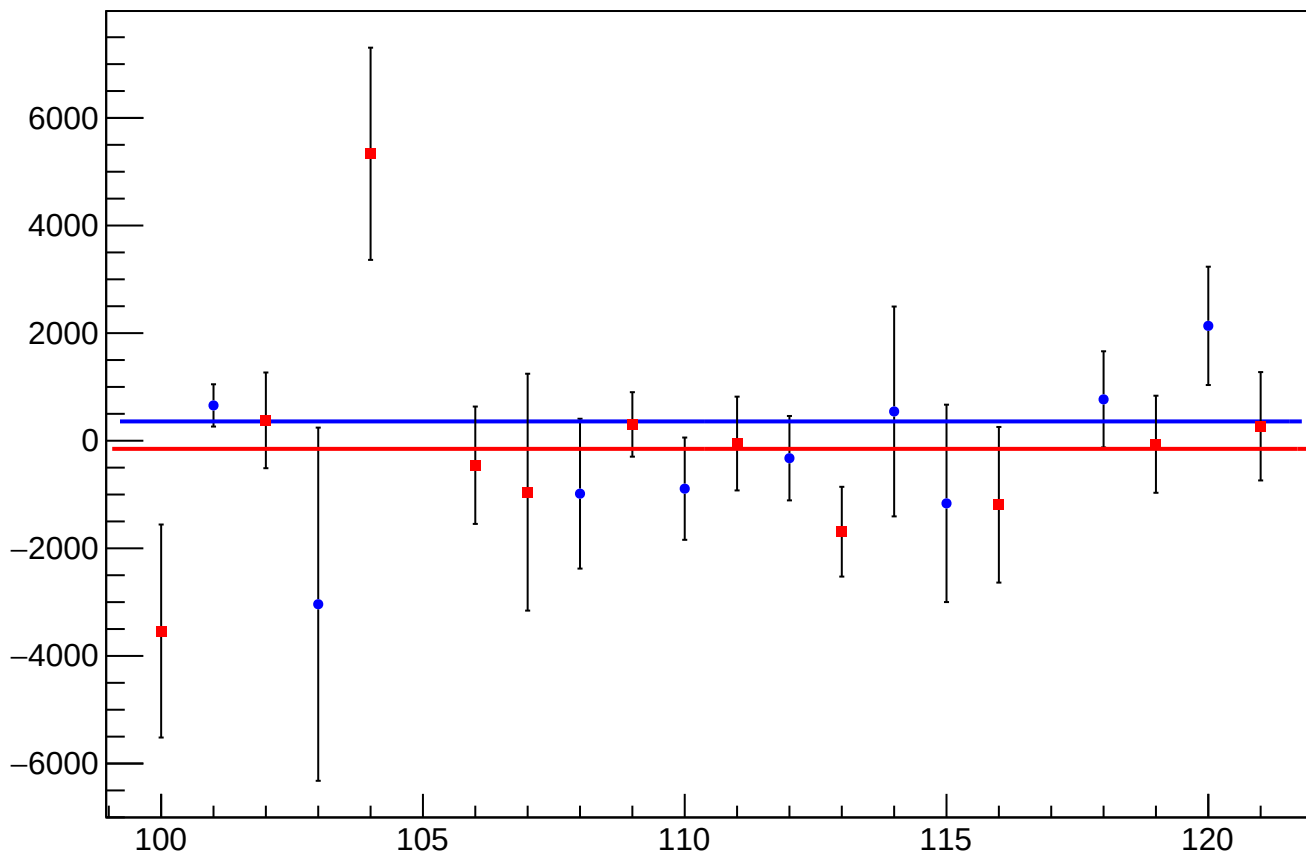
Right: 2015.467+/-0.514 χ^2/NDF : 799126.7/19

In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2015.467+/-0.514 χ^2/NDF : 799126.7/19

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.176+/-300.783 χ^2/NDF : 15.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

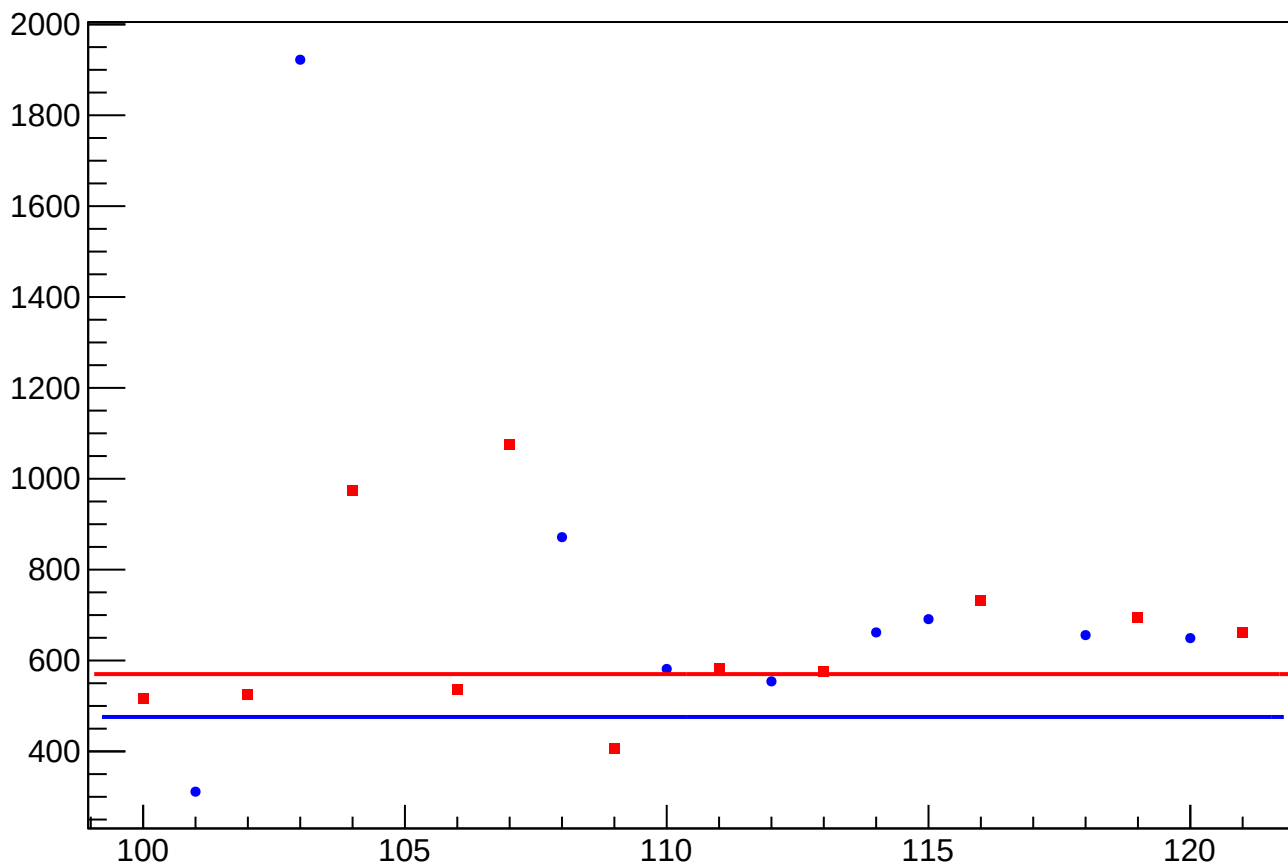
Right: 119.088+/-206.259 χ^2/NDF : 26.0/19

In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.088+/-206.259 χ^2/NDF : 26.0/19

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.086+/-0.213 χ^2/NDF : 425589.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

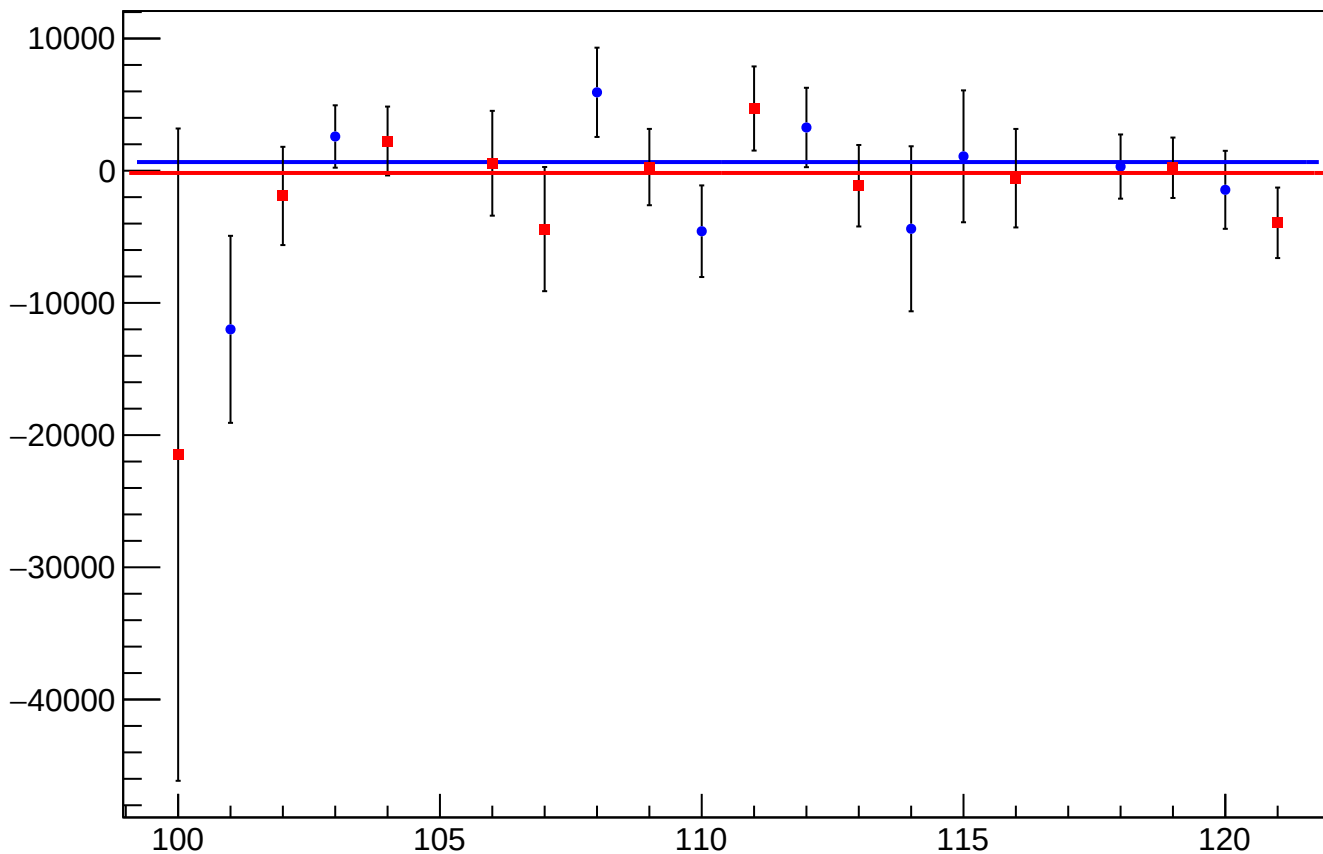
Right: 520.124+/-0.146 χ^2/NDF : 1651095.7/19

In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.124+/-0.146 χ^2/NDF : 1651095.7/19

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.567+/-971.955 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

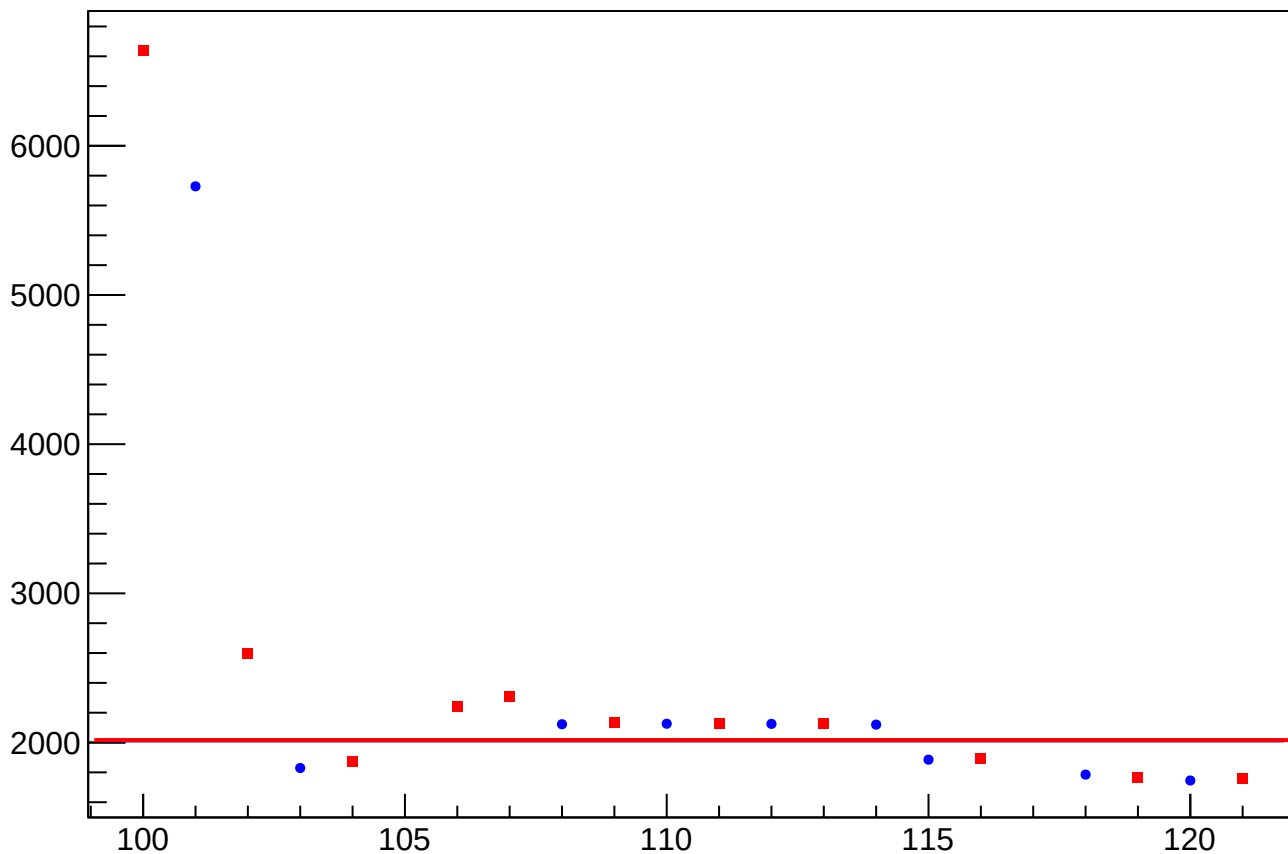
Right: 192.644+/-727.346 χ^2/NDF : 18.0/19

In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.644+/-727.346 χ^2/NDF : 18.0/19

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.485+/-0.687 χ^2/NDF : 192346.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

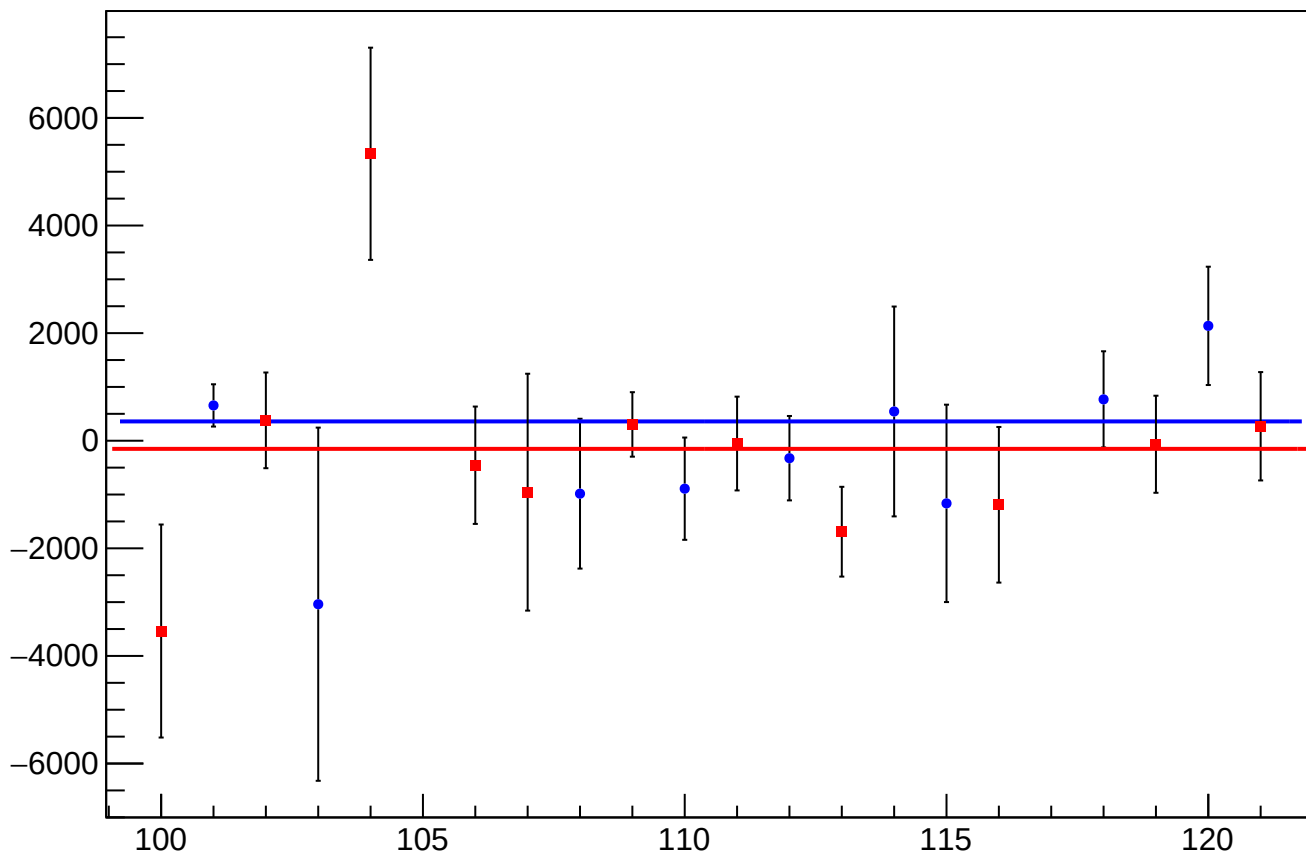
Right: 2015.467+/-0.514 χ^2/NDF : 799126.7/19

In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2015.467+/-0.514 χ^2/NDF : 799126.7/19

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.176+/-300.783 χ^2/NDF : 15.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

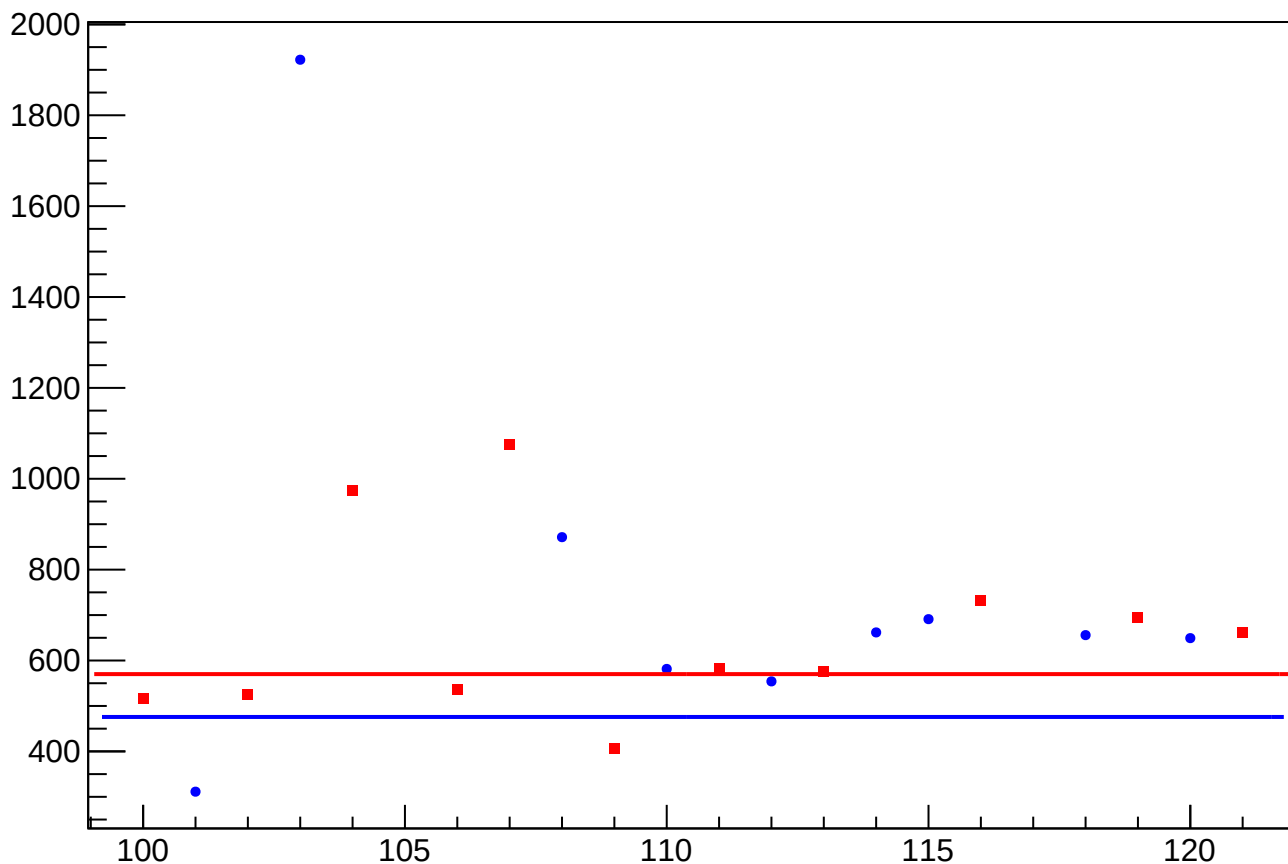
Right: 119.088+/-206.259 χ^2/NDF : 26.0/19

In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.088+/-206.259 χ^2/NDF : 26.0/19

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.086+/-0.213 χ^2/NDF : 425589.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

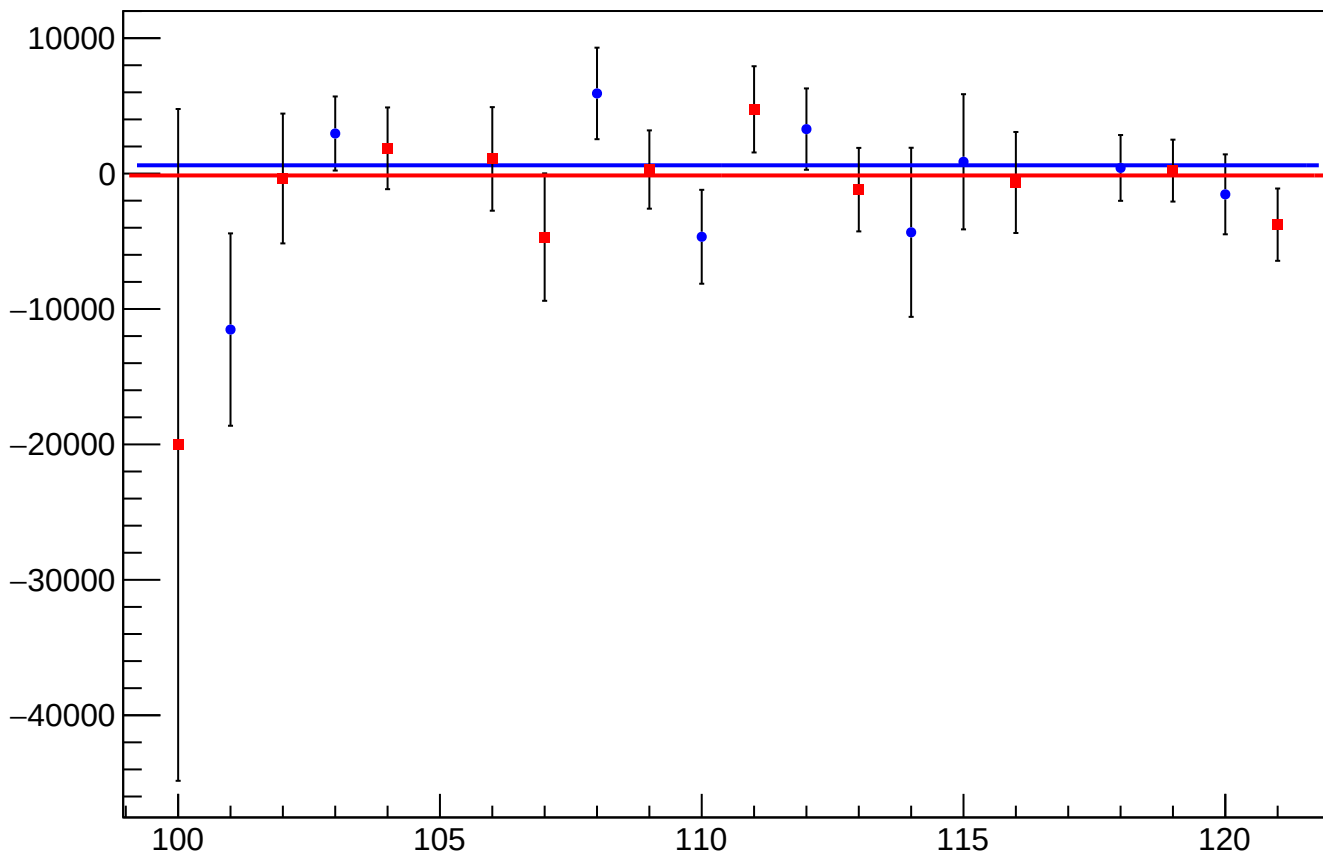
Right: 520.124+/-0.146 χ^2/NDF : 1651095.7/19

In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.124+/-0.146 χ^2/NDF : 1651095.7/19

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 610.700+/-1128.661 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.251+/-1002.239 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

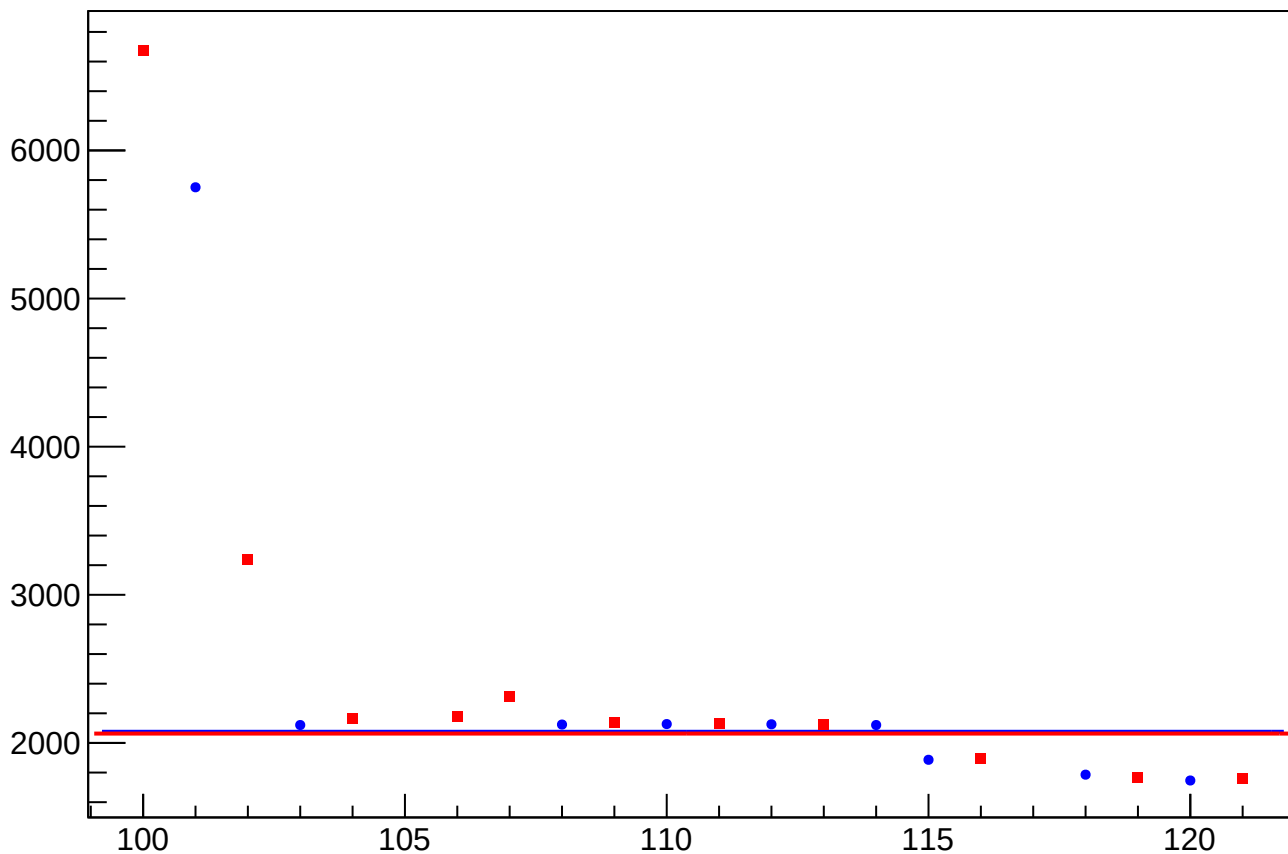
Right: 191.946+/-749.417 χ^2/NDF : 17.1/19

In: 610.700+/-1128.661 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.946+/-749.417 χ^2/NDF : 17.1/19

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.118+/-0.709 χ^2/NDF : 265276.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

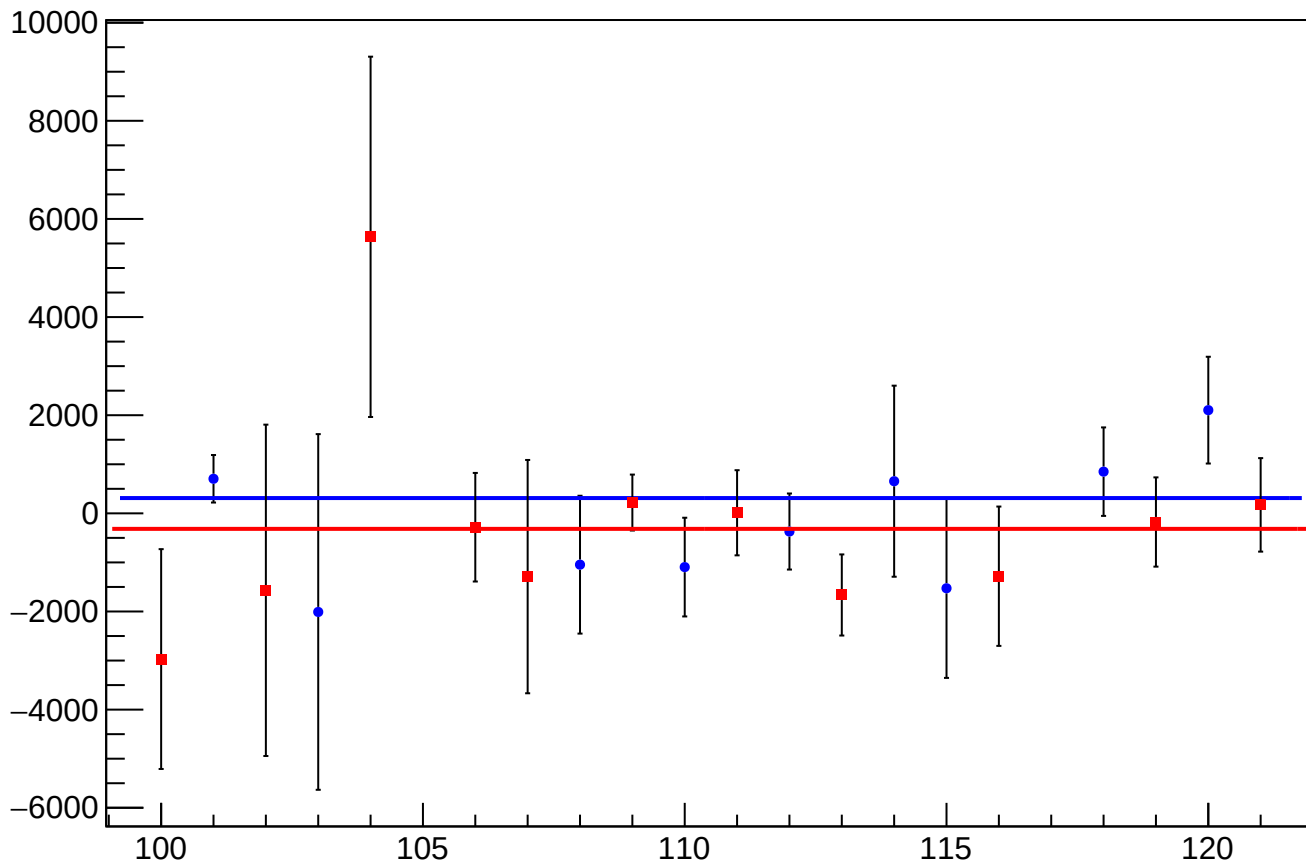
Right: 2068.455+/-0.530 χ^2/NDF : 859203.8/19

In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.455+/-0.530 χ^2/NDF : 859203.8/19

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.622+/-314.057 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -316.225+/-315.742 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

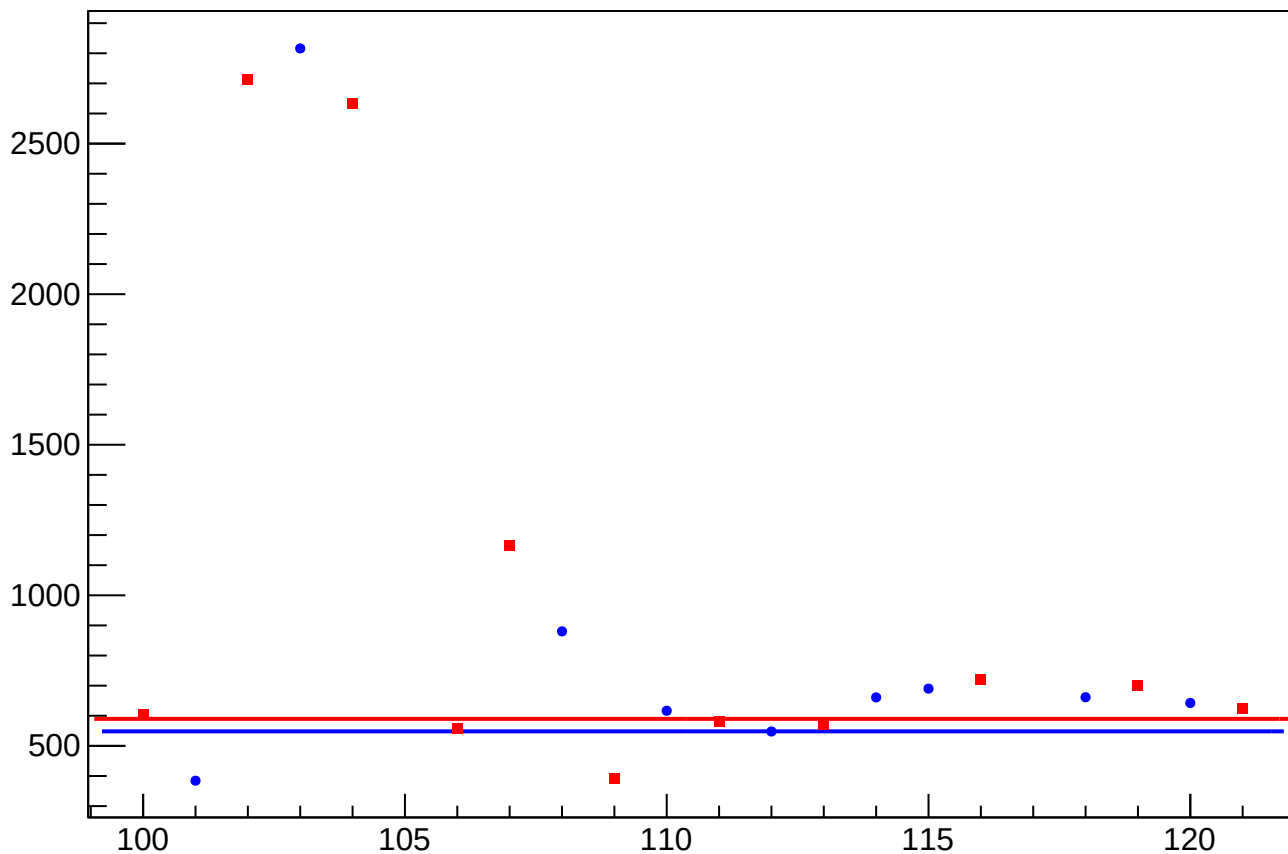
Right: -0.622+/-222.665 χ^2/NDF : 19.6/19

In: 311.622+/-314.057 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.622+/-222.665 χ^2/NDF : 19.6/19

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 548.270+/-0.222 χ^2/NDF : 1198399.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.704+/-0.223 χ^2/NDF : 1822430.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

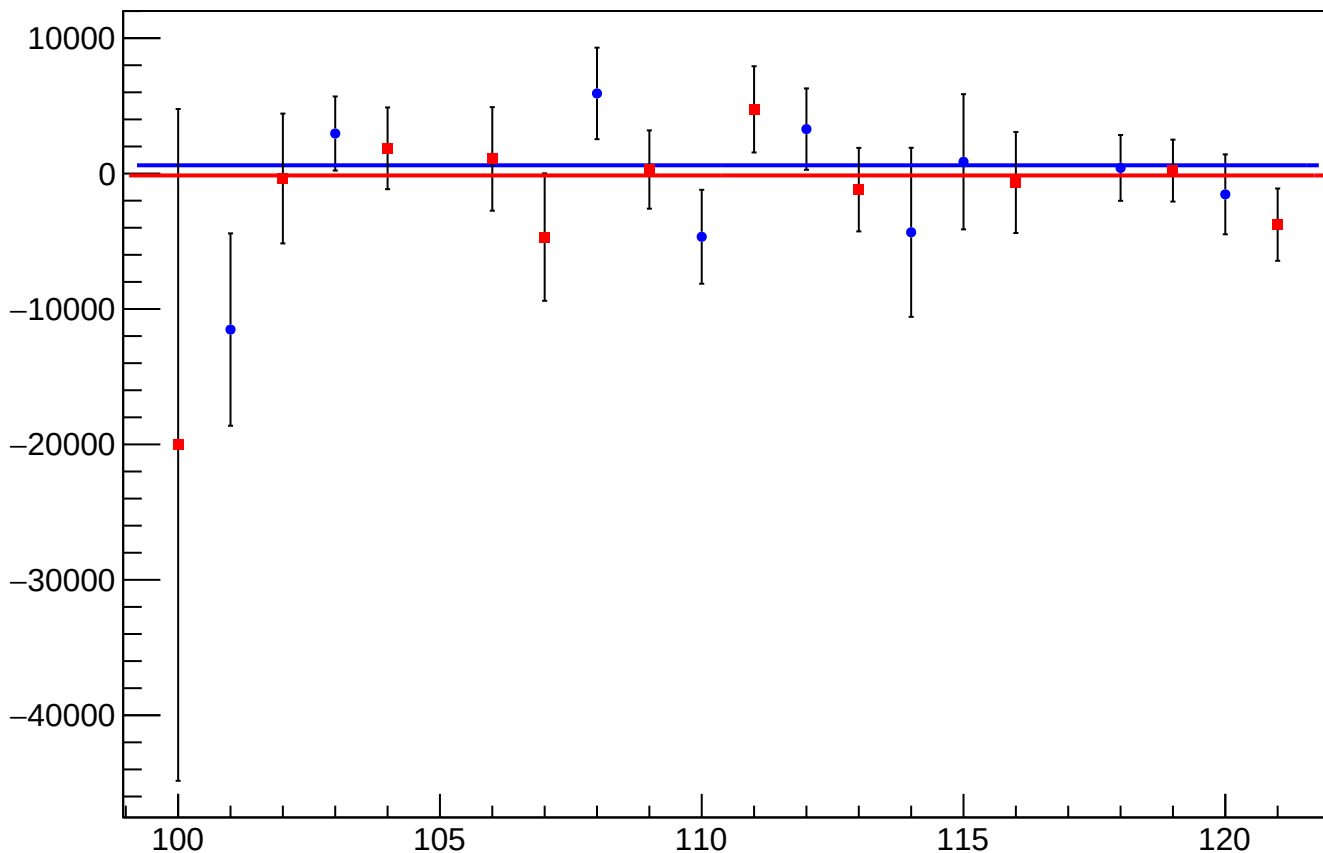
Right: 568.876+/-0.157 χ^2/NDF : 3038143.3/19

In: 548.270+/-0.222 χ^2/NDF : 1198399.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.876+/-0.157 χ^2/NDF : 3038143.3/19

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 610.701+/-1128.661 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.248+/-1002.238 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

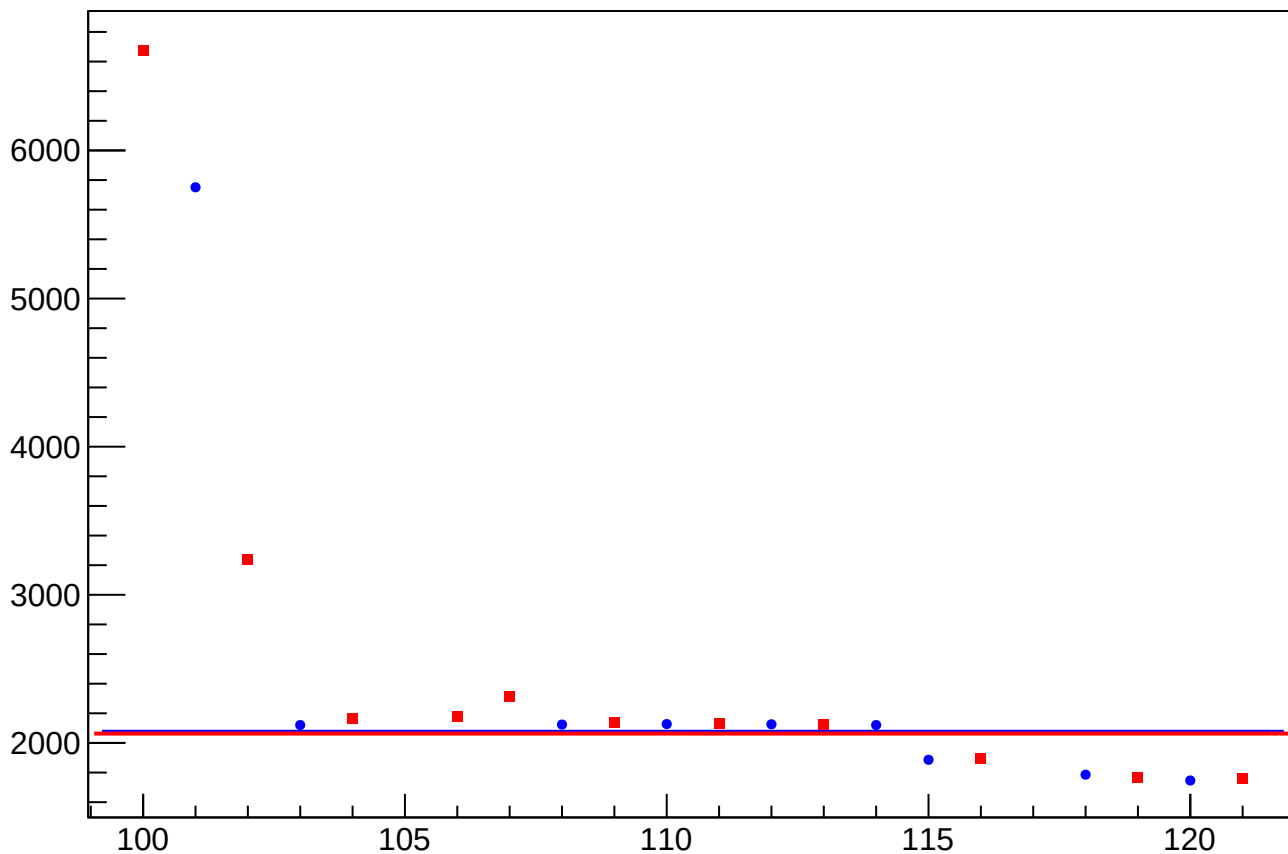
Right: 191.949+/-749.417 χ^2/NDF : 17.1/19

In: 610.701+/-1128.661 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.949+/-749.417 χ^2/NDF : 17.1/19

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.117+/-0.709 χ^2/NDF : 265276.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

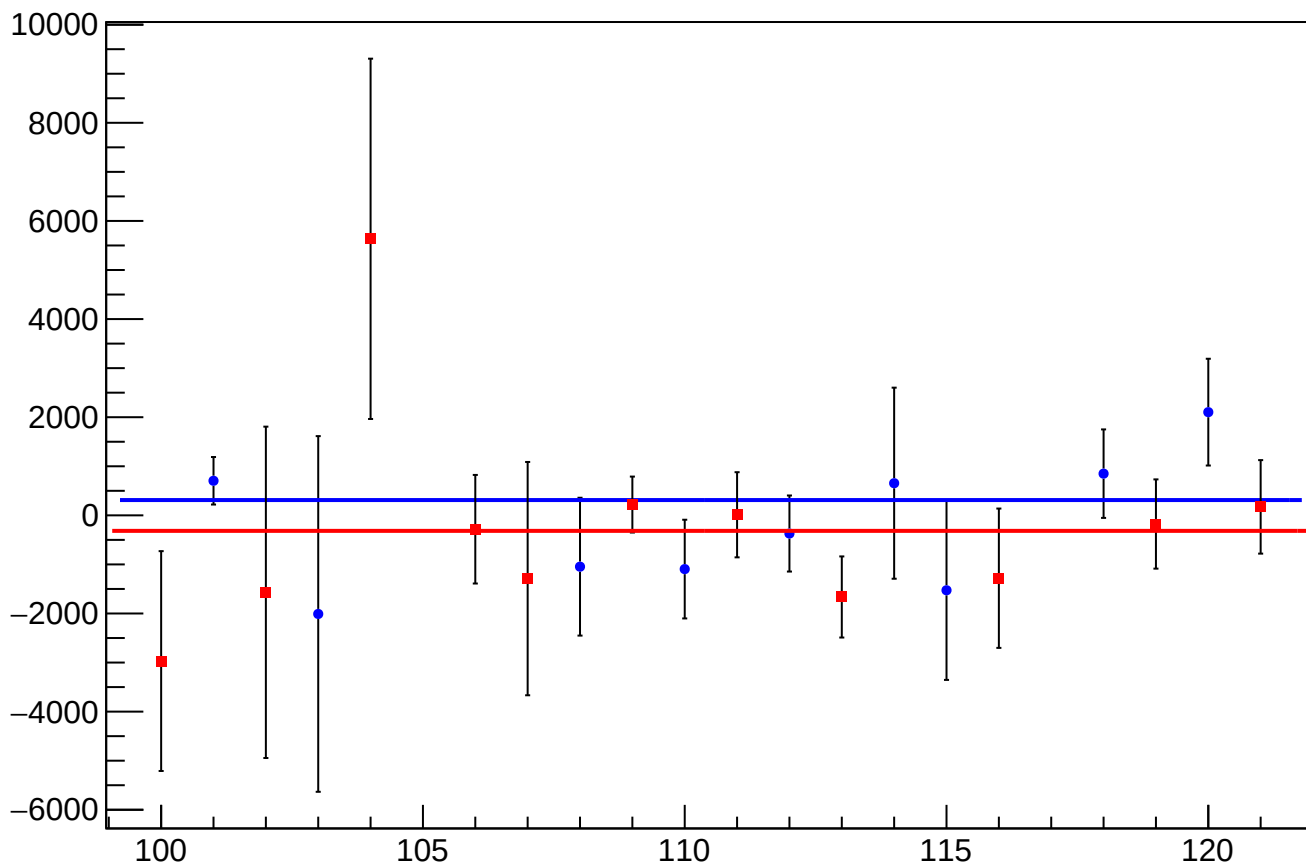
Right: 2068.455+/-0.530 χ^2/NDF : 859203.2/19

In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.455+/-0.530 χ^2/NDF : 859203.2/19

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.621+/-314.056 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -316.222+/-315.740 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

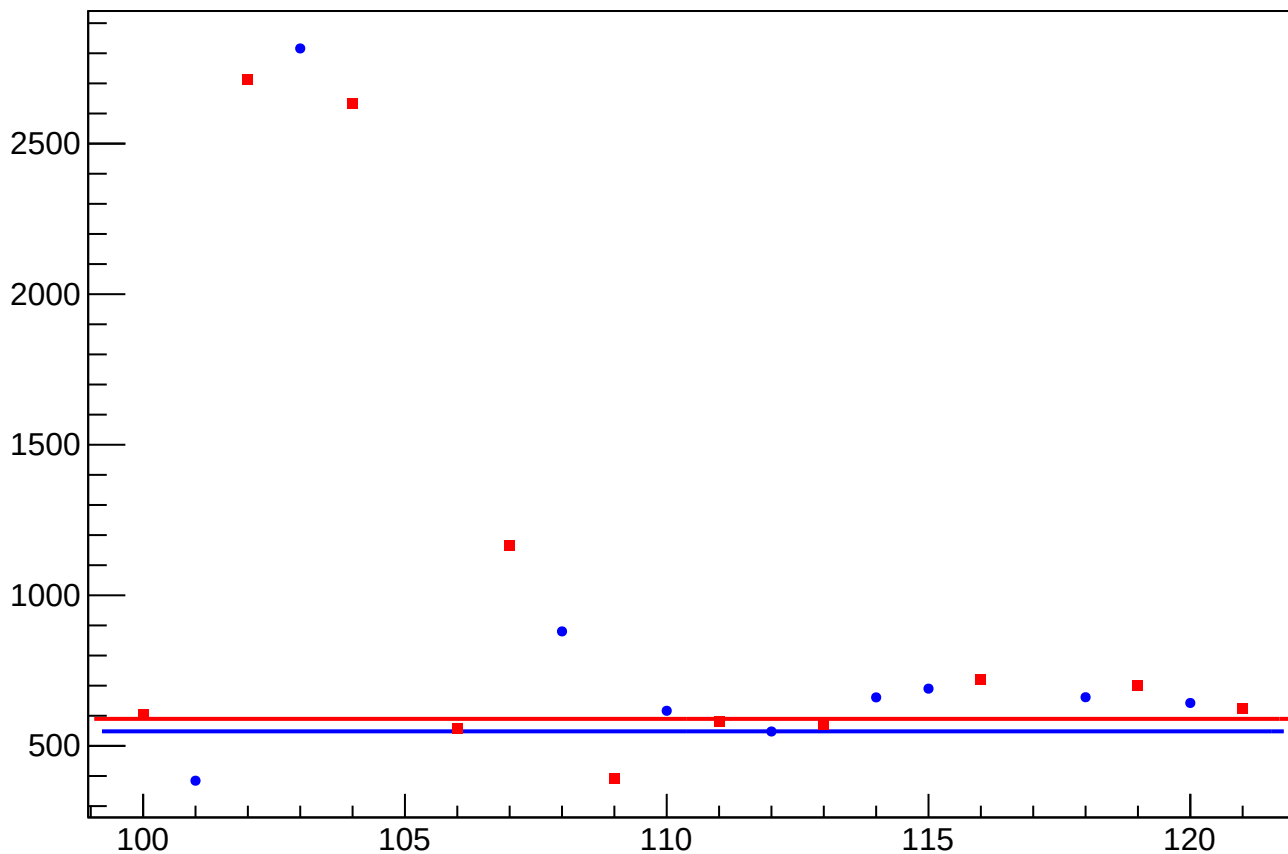
Right: -0.622+/-222.664 χ^2/NDF : 19.6/19

In: 311.621+/-314.056 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.622+/-222.664 χ^2/NDF : 19.6/19

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 548.269+/-0.222 χ^2/NDF : 1198393.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.700+/-0.223 χ^2/NDF : 1822446.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

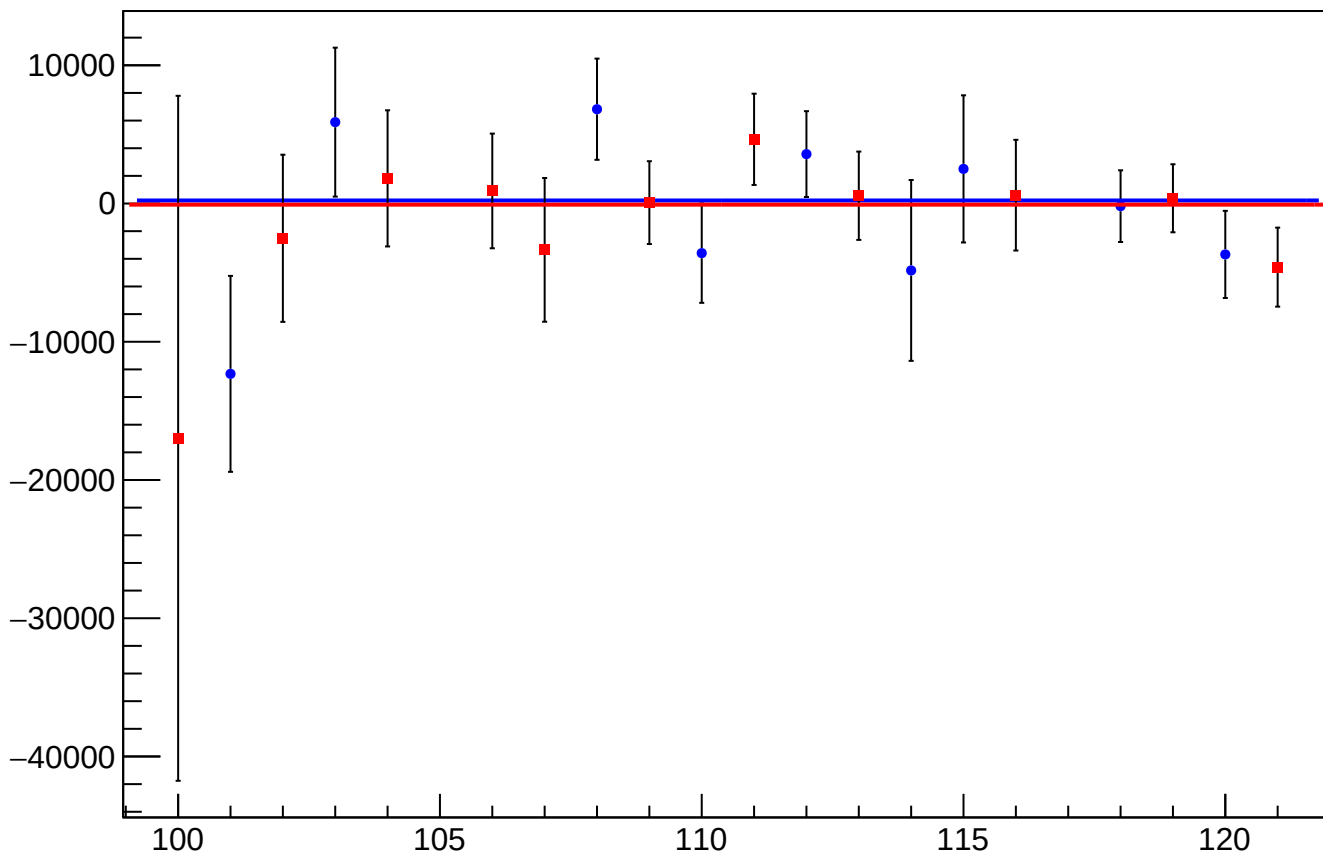
Right: 568.874+/-0.157 χ^2/NDF : 3038150.8/19

In: 548.269+/-0.222 χ^2/NDF : 1198393.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.874+/-0.157 χ^2/NDF : 3038150.8/19

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 220.252+/-1271.922 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.565+/-1106.710 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

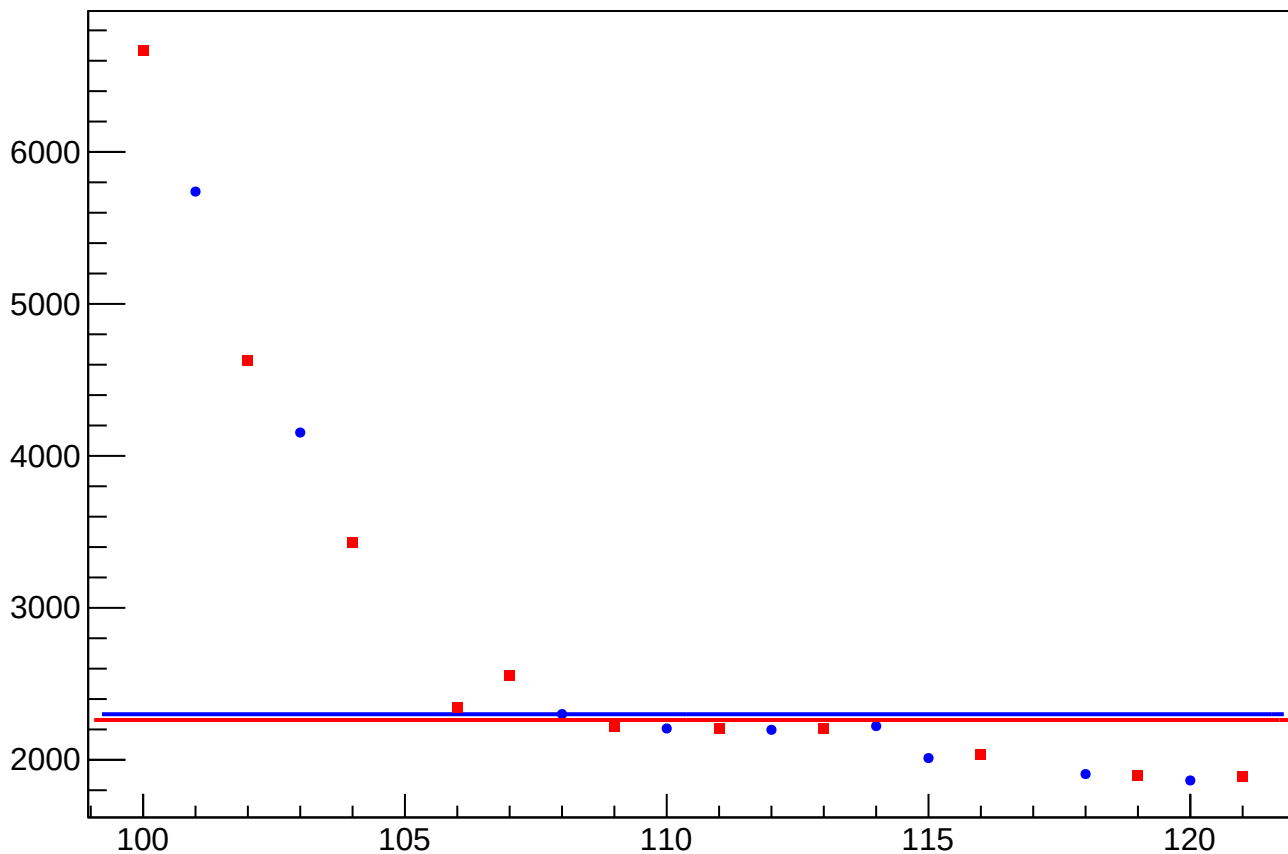
Right: 48.481+/-834.905 χ^2/NDF : 18.0/19

In: 220.252+/-1271.922 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.481+/-834.905 χ^2/NDF : 18.0/19

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2300.171+/-0.899 χ^2/NDF : 801715.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.181+/-0.783 χ^2/NDF : 574782.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

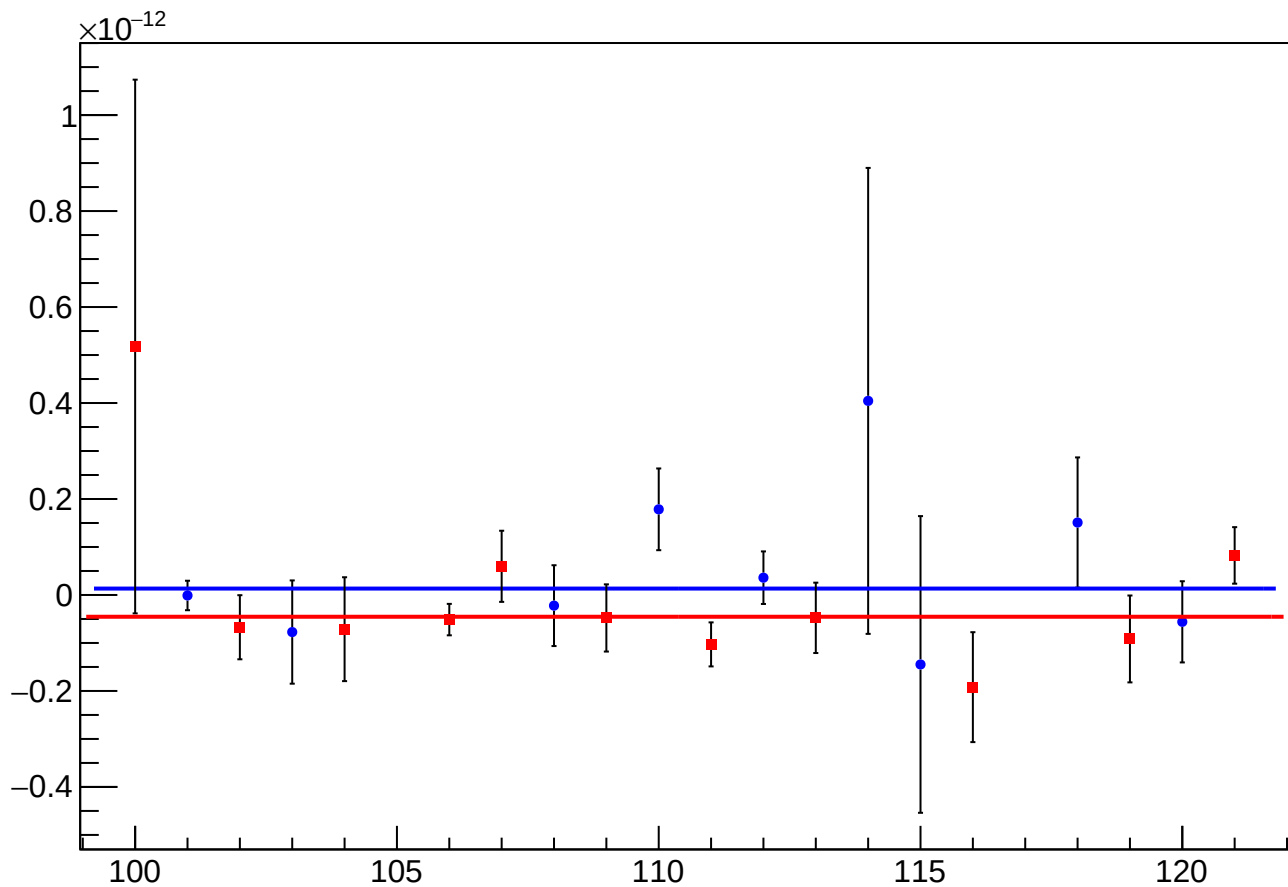
Right: 2278.550+/-0.590 χ^2/NDF : 1377512.9/19

In: 2300.171+/-0.899 χ^2/NDF : 801715.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2278.550+/-0.590 χ^2/NDF : 1377512.9/19

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

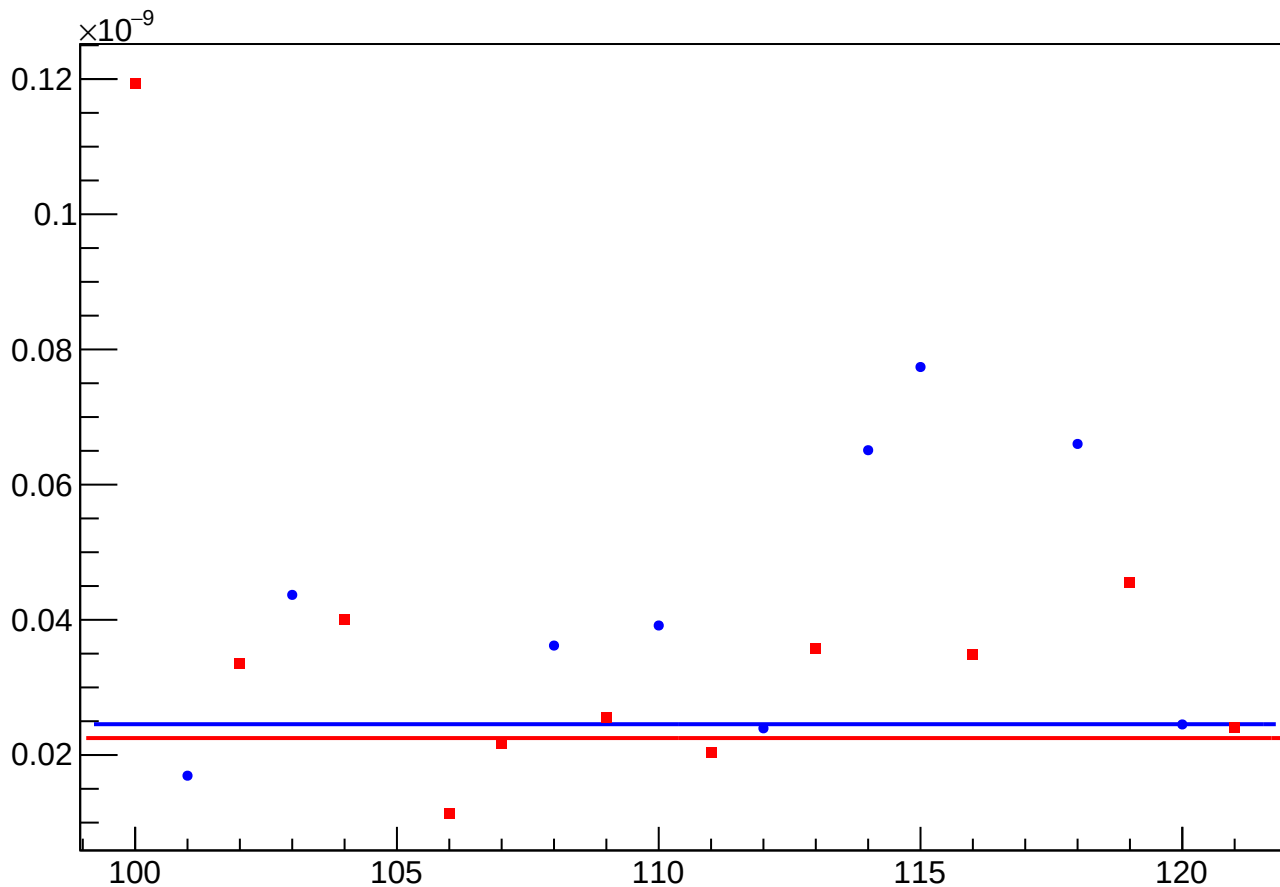
Right: -0.000+/-0.000 χ^2/NDF : 23.0/19

In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.0/19

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 542664.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 627928.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

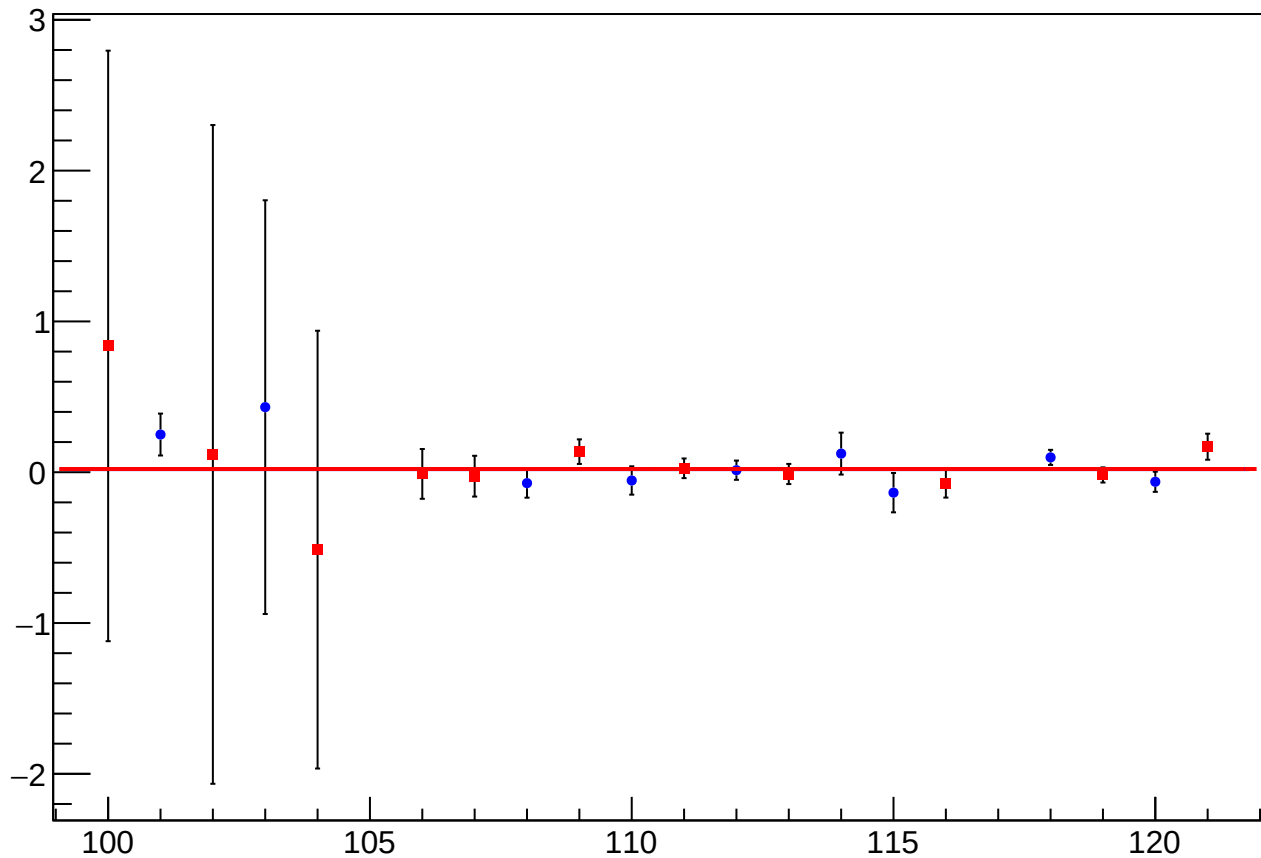
Right: 0.000+/-0.000 χ^2/NDF : 1180282.6/19

In: 0.000+/-0.000 χ^2/NDF : 542664.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1180282.6/19

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

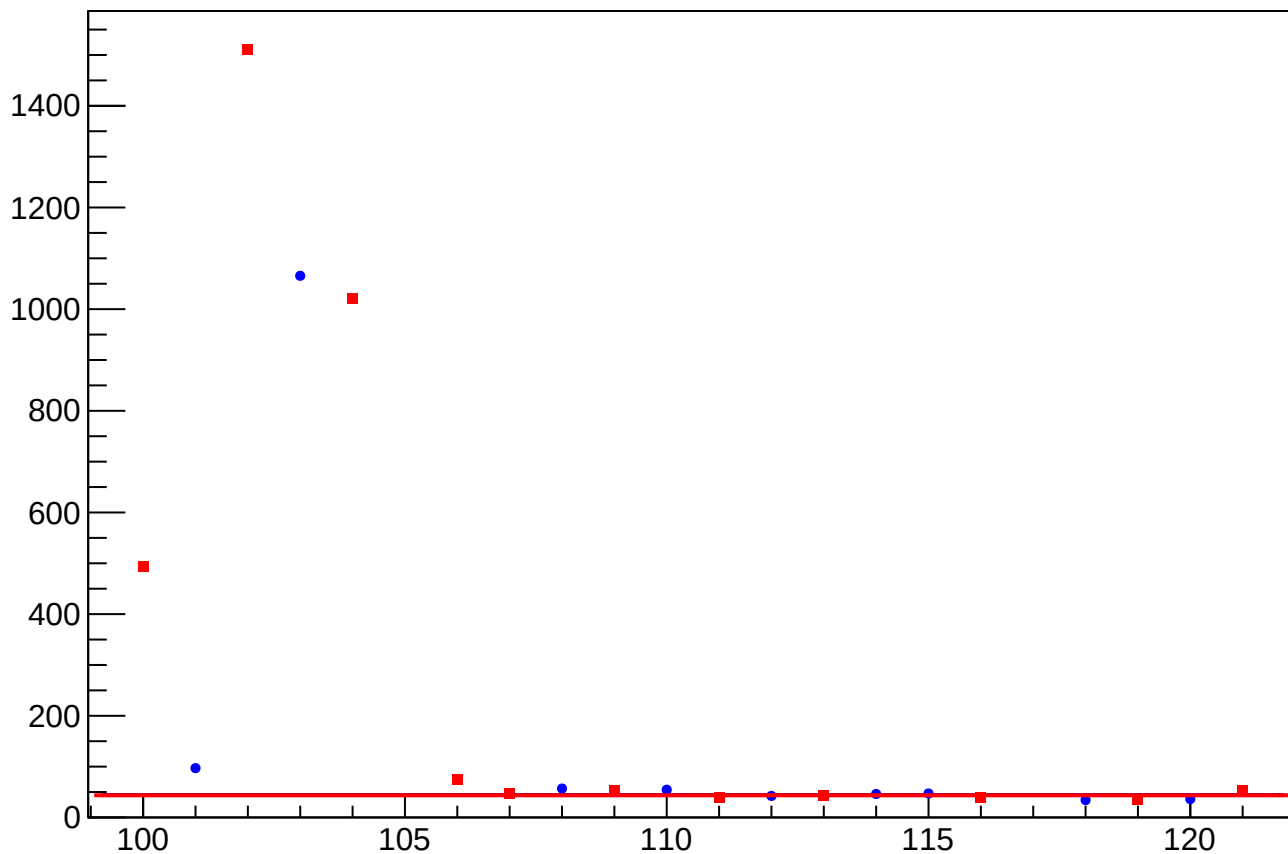
Right: 0.021+/-0.020 χ^2/NDF : 17.7/19

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.020 χ^2/NDF : 17.7/19

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.649+/-0.019 χ^2/NDF : 2101343.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

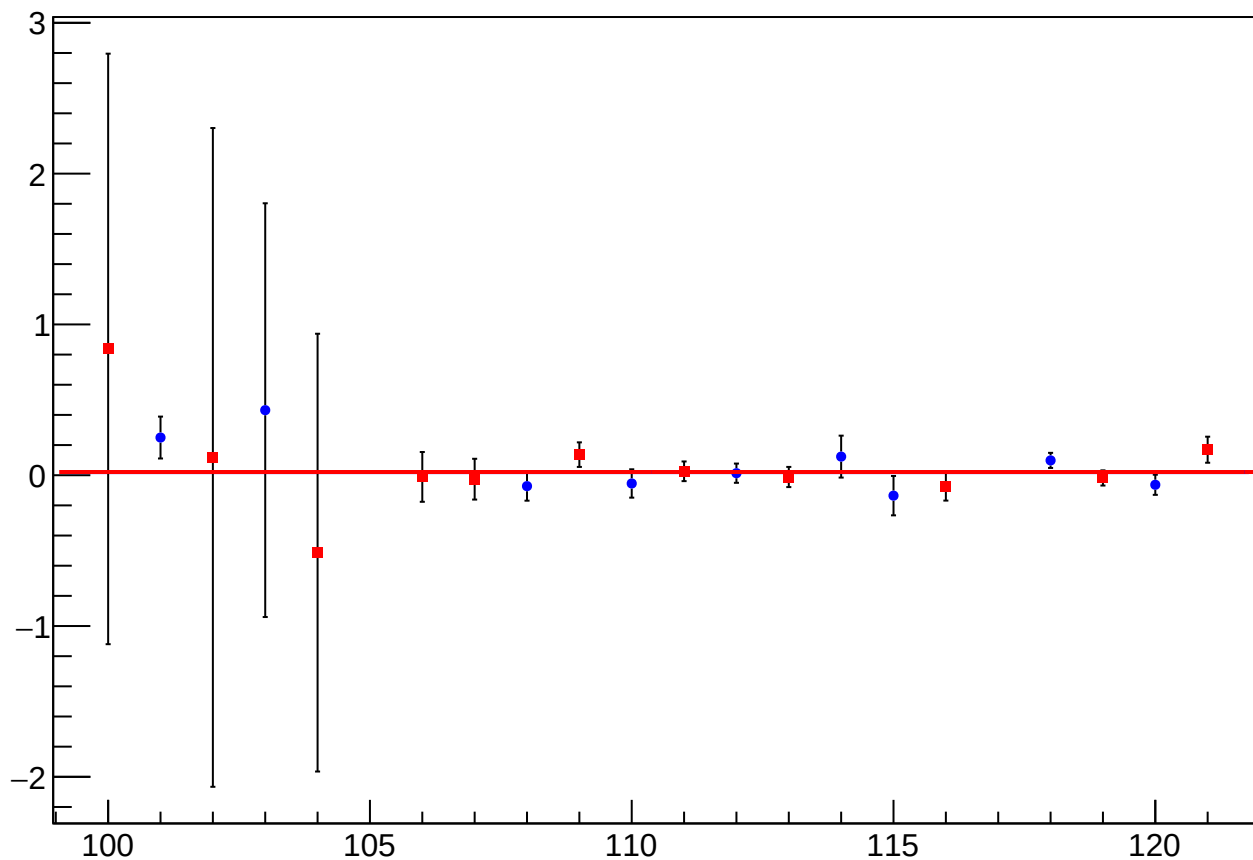
Right: 43.856+/-0.014 χ^2/NDF : 3669481.7/19

In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.856+/-0.014 χ^2/NDF : 3669481.7/19

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

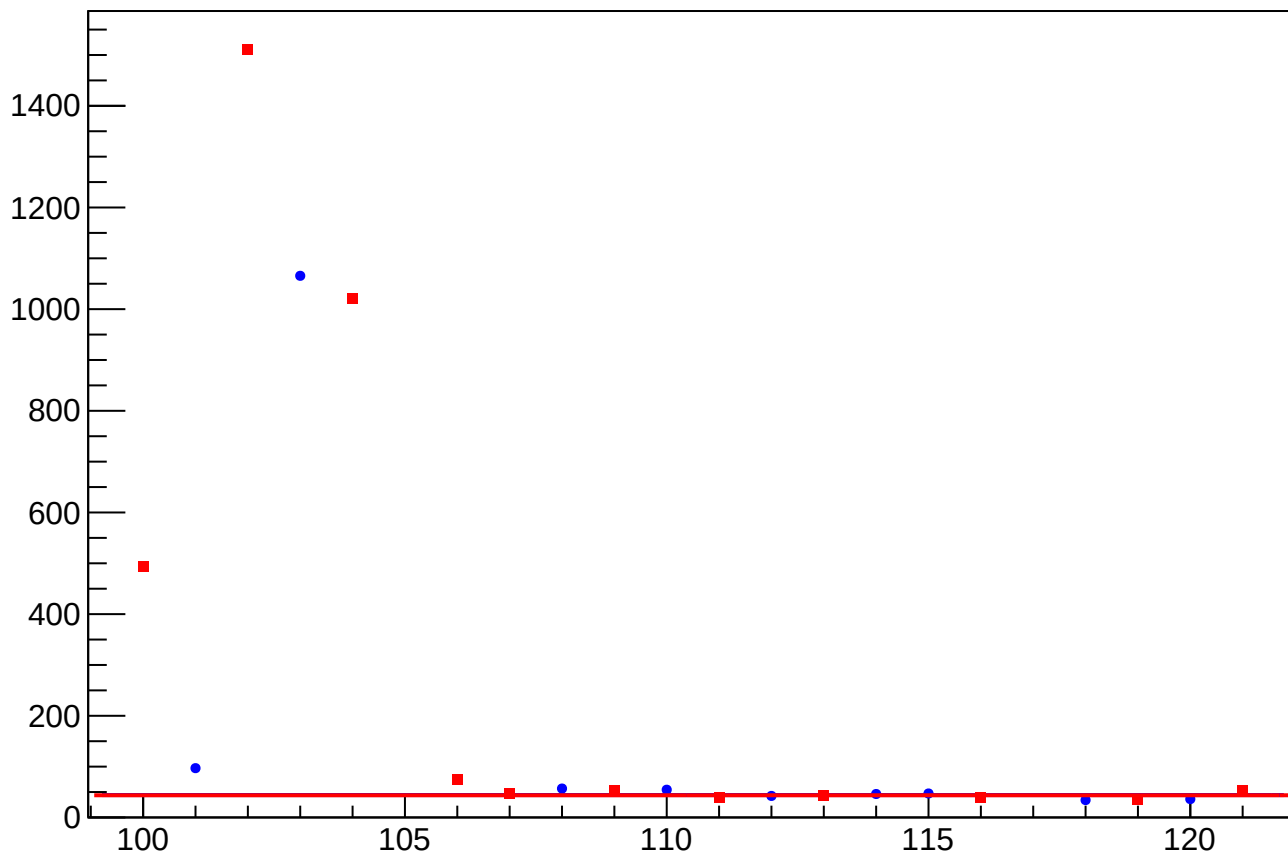
Right: 0.021+/-0.020 χ^2/NDF : 17.7/19

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.020 χ^2/NDF : 17.7/19

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.649+/-0.019 χ^2/NDF : 2101343.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

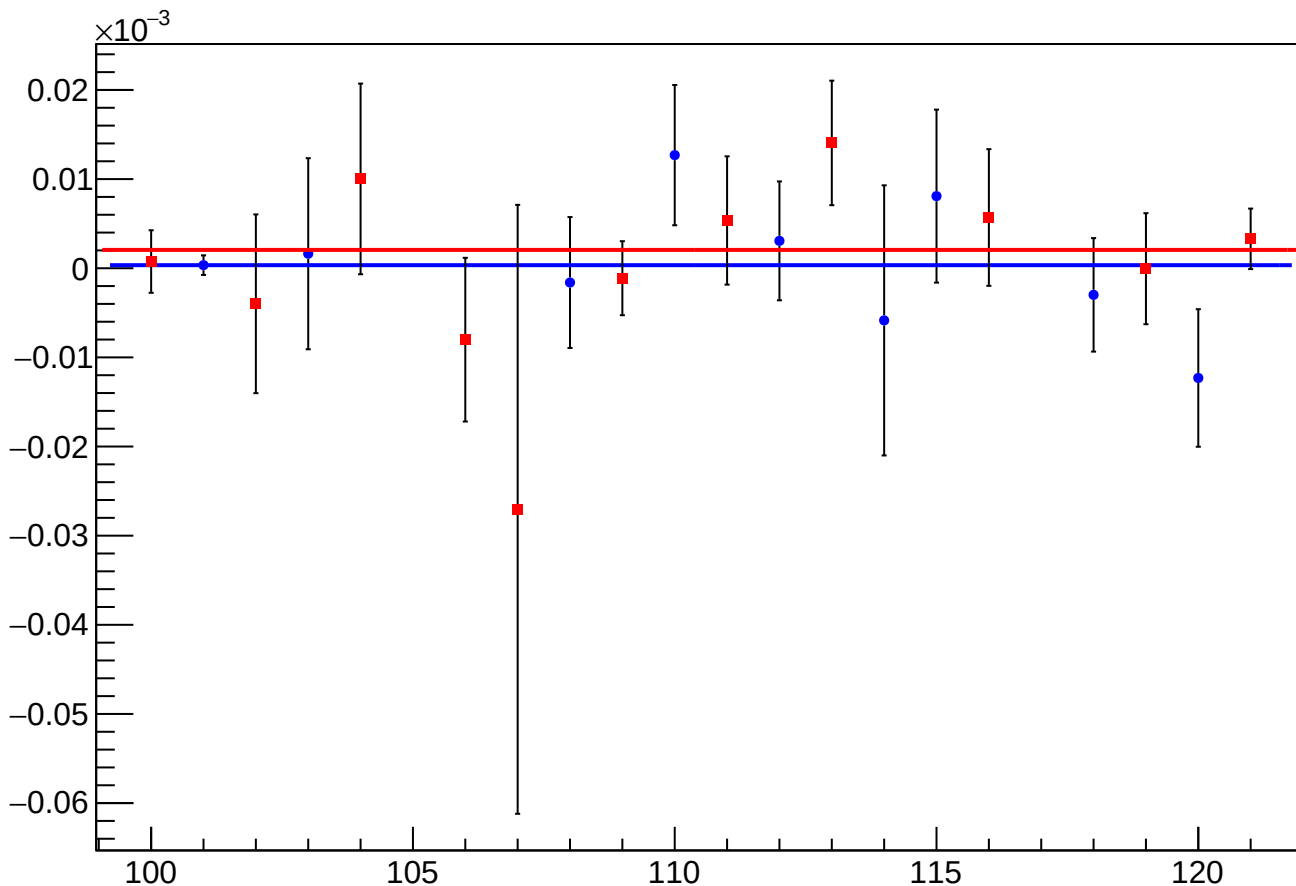
Right: 43.856+/-0.014 χ^2/NDF : 3669481.7/19

In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.856+/-0.014 χ^2/NDF : 3669481.7/19

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

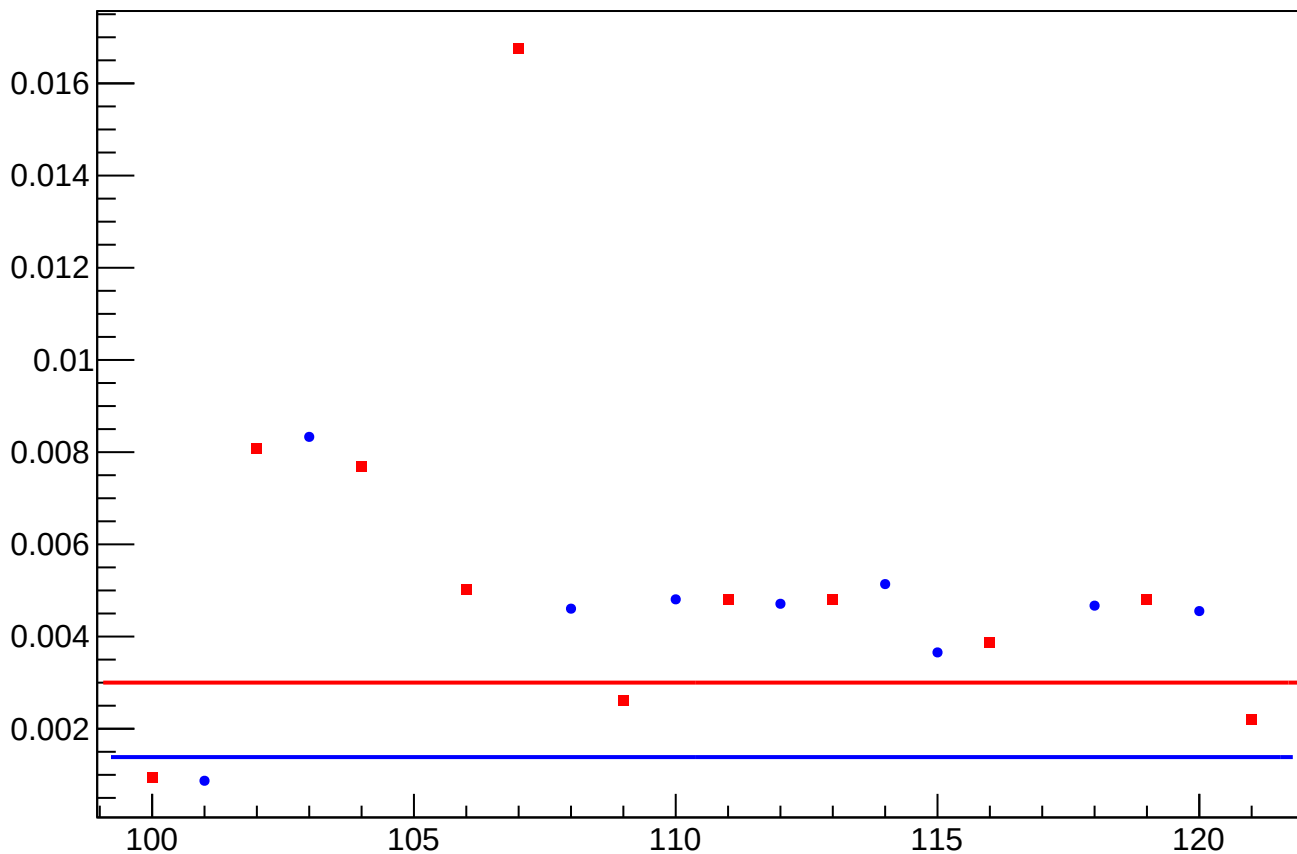
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 14.4/19

In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.5/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 14.4/19

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3639187.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2588374.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

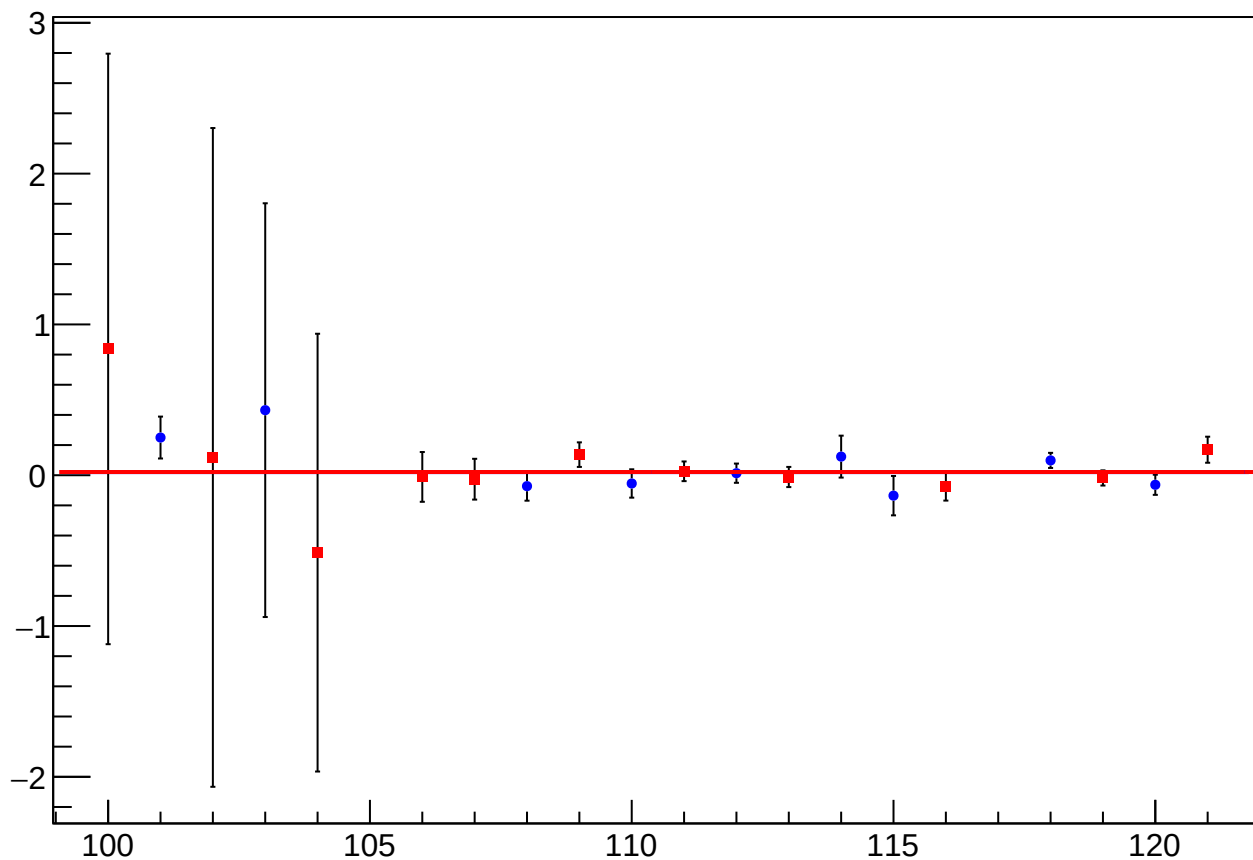
Right: 0.002+/-0.000 χ^2/NDF : 7535274.3/19

In: 0.001+/-0.000 χ^2/NDF :3639187.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7535274.3/19

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

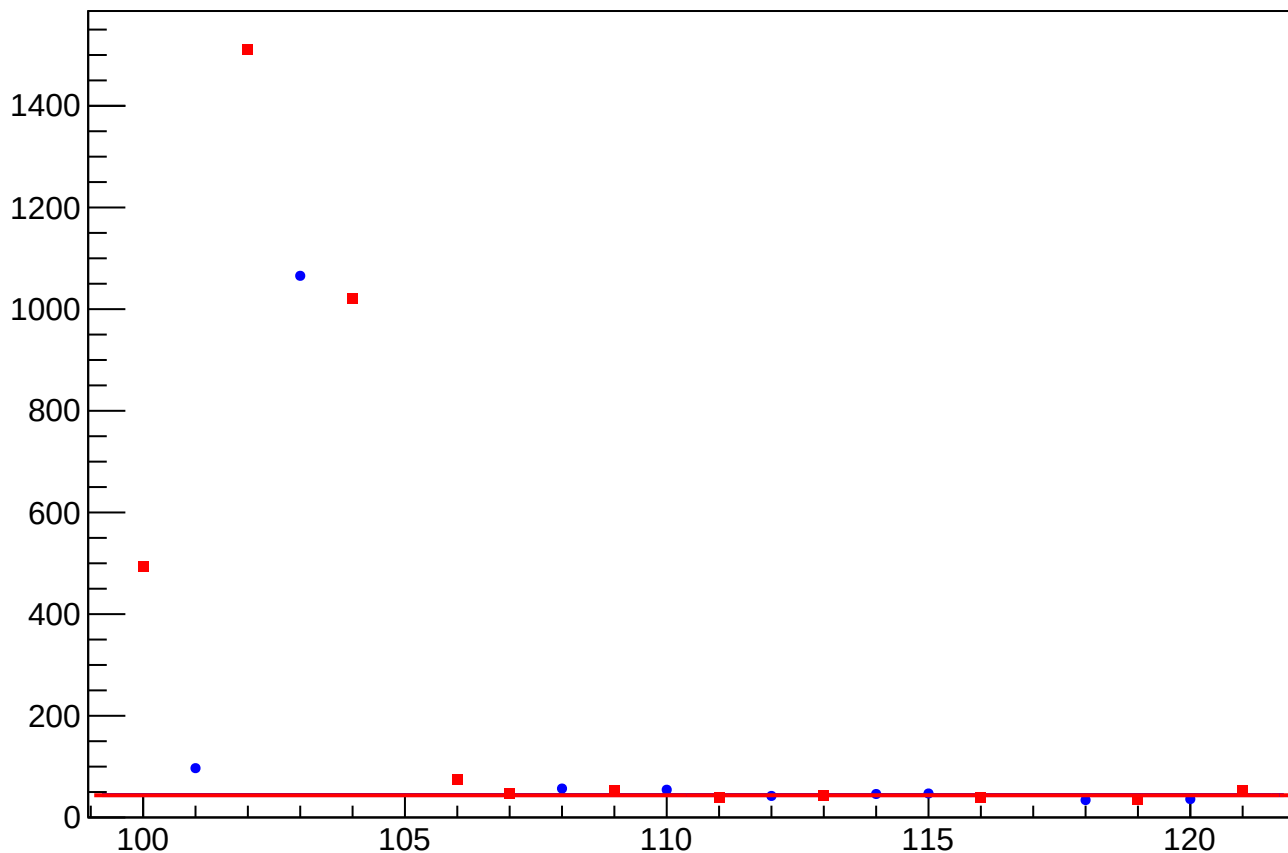
Right: 0.021+/-0.020 χ^2/NDF : 17.7/19

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.020 χ^2/NDF : 17.7/19

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.648+/-0.019 χ^2/NDF : 2101382.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

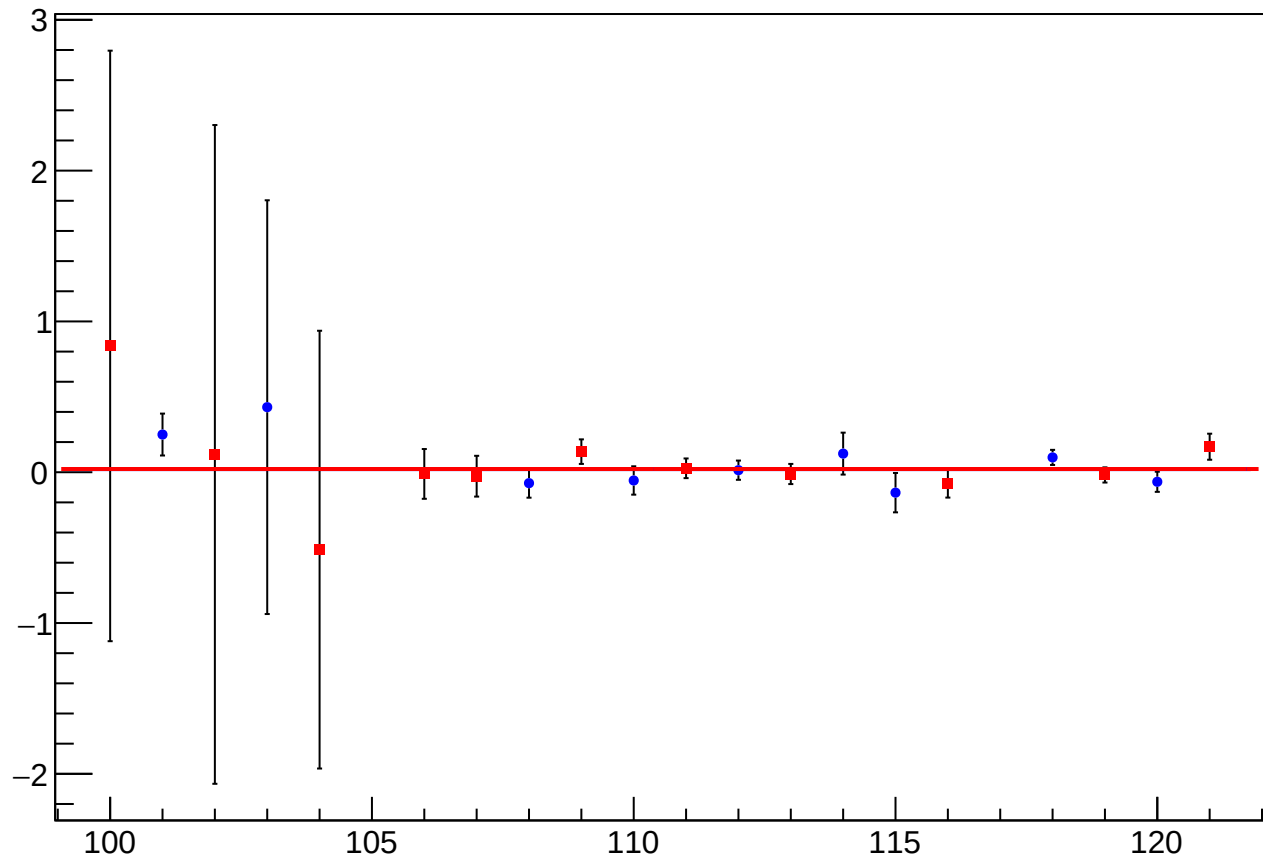
Right: 43.855+/-0.014 χ^2/NDF : 3669496.9/19

In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.855+/-0.014 χ^2/NDF : 3669496.9/19

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

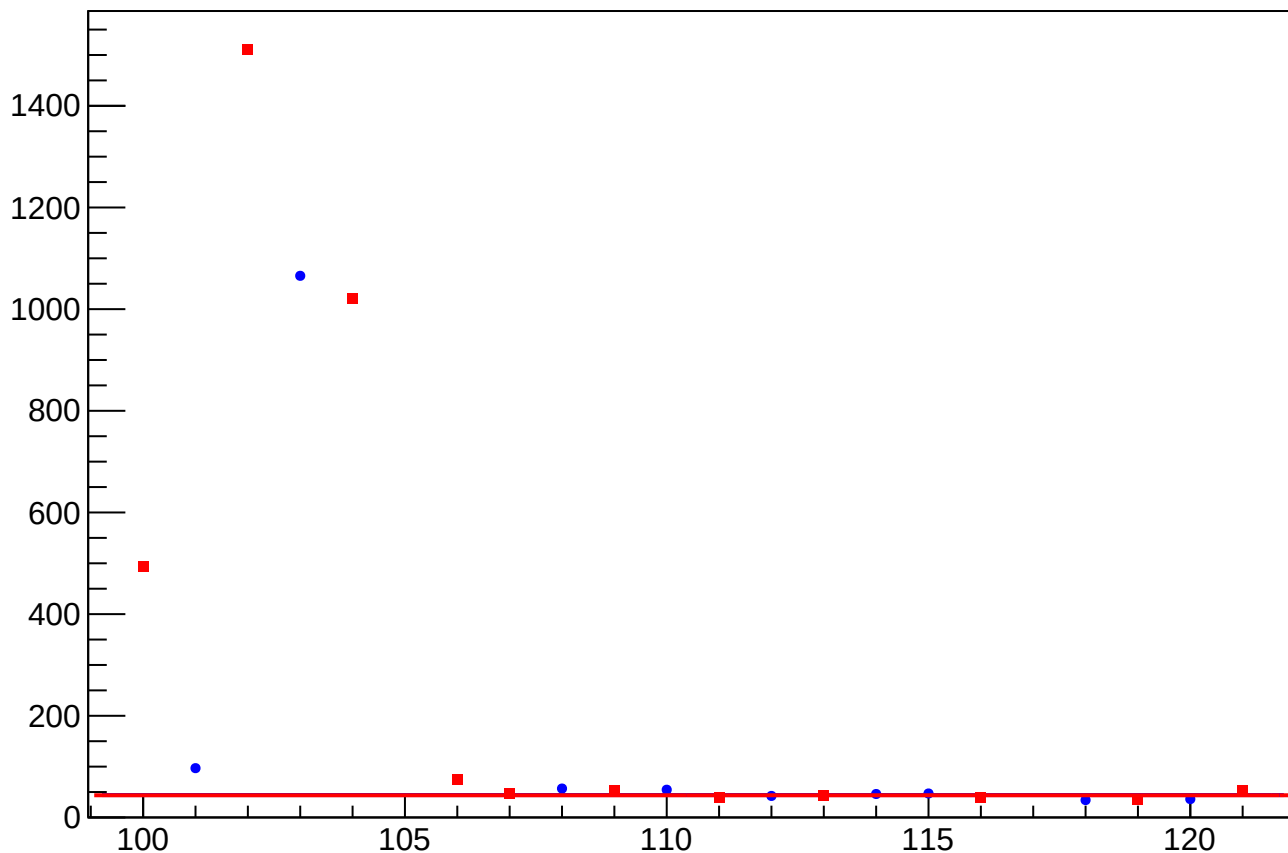
Right: 0.021+/-0.020 χ^2/NDF : 17.7/19

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.020 χ^2/NDF : 17.7/19

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.648+/-0.019 χ^2/NDF : 2101382.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

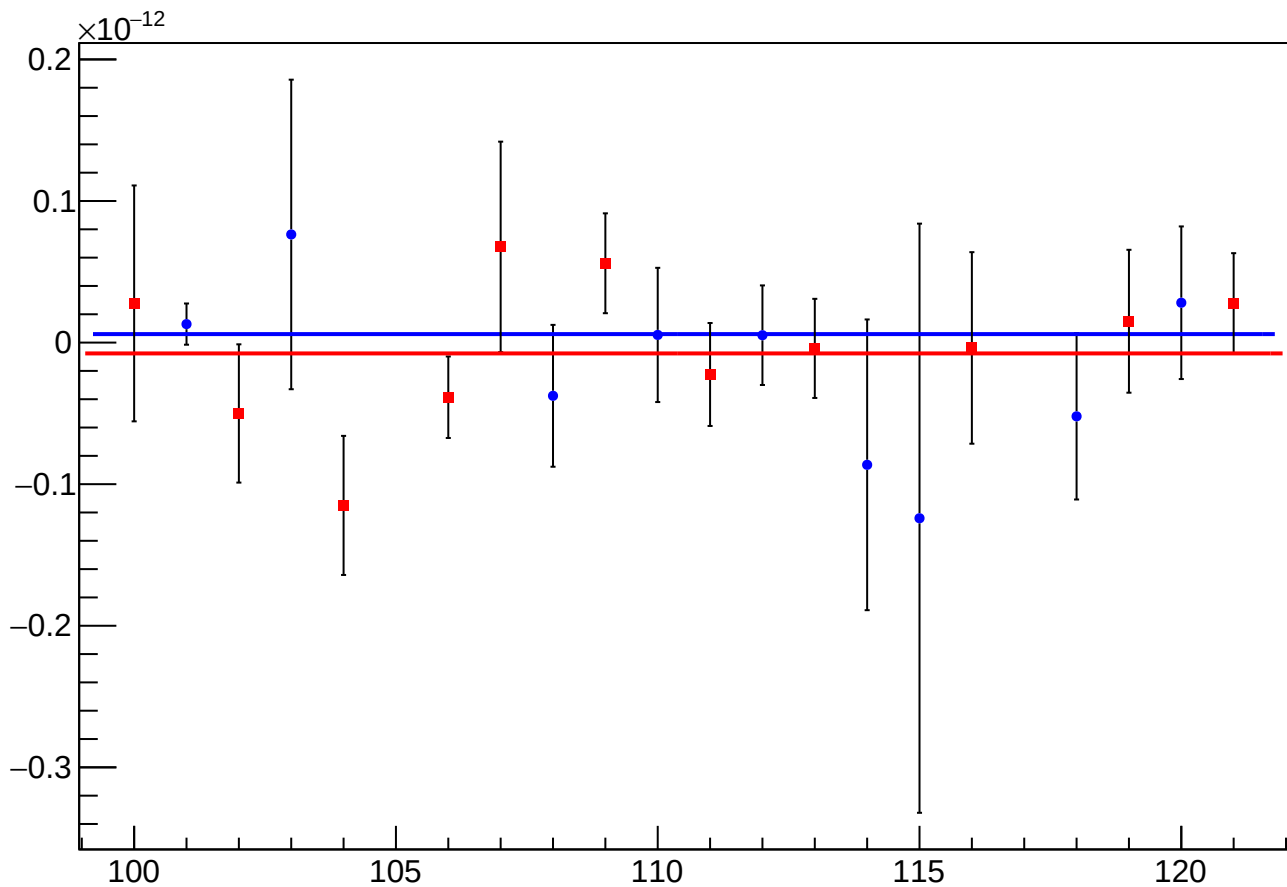
Right: 43.855+/-0.014 χ^2/NDF : 3669496.9/19

In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.855+/-0.014 χ^2/NDF : 3669496.9/19

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 : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

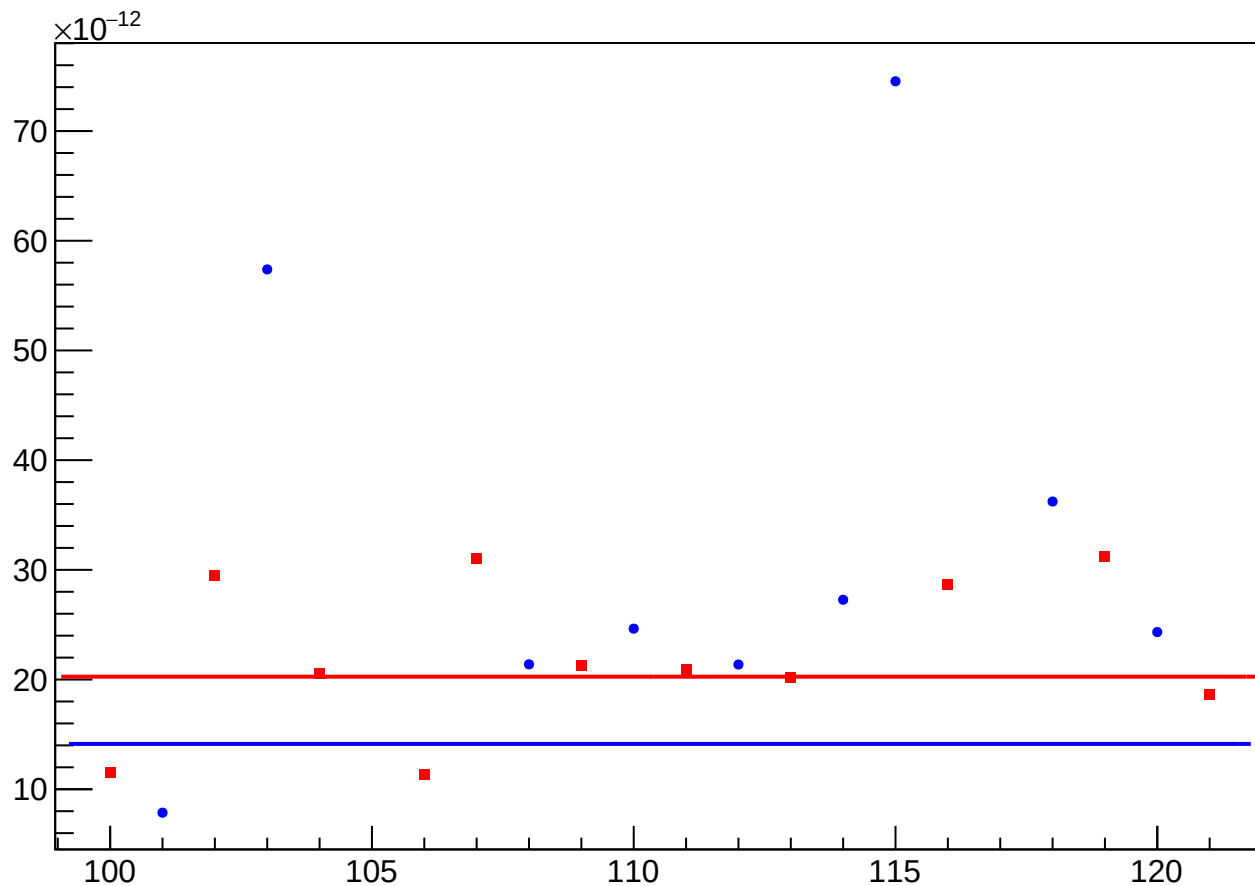
Right: -0.000+/-0.000 χ^2/NDF : 16.9/19

In: 0.000+/-0.000 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/19

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 : 1464938.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 458544.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

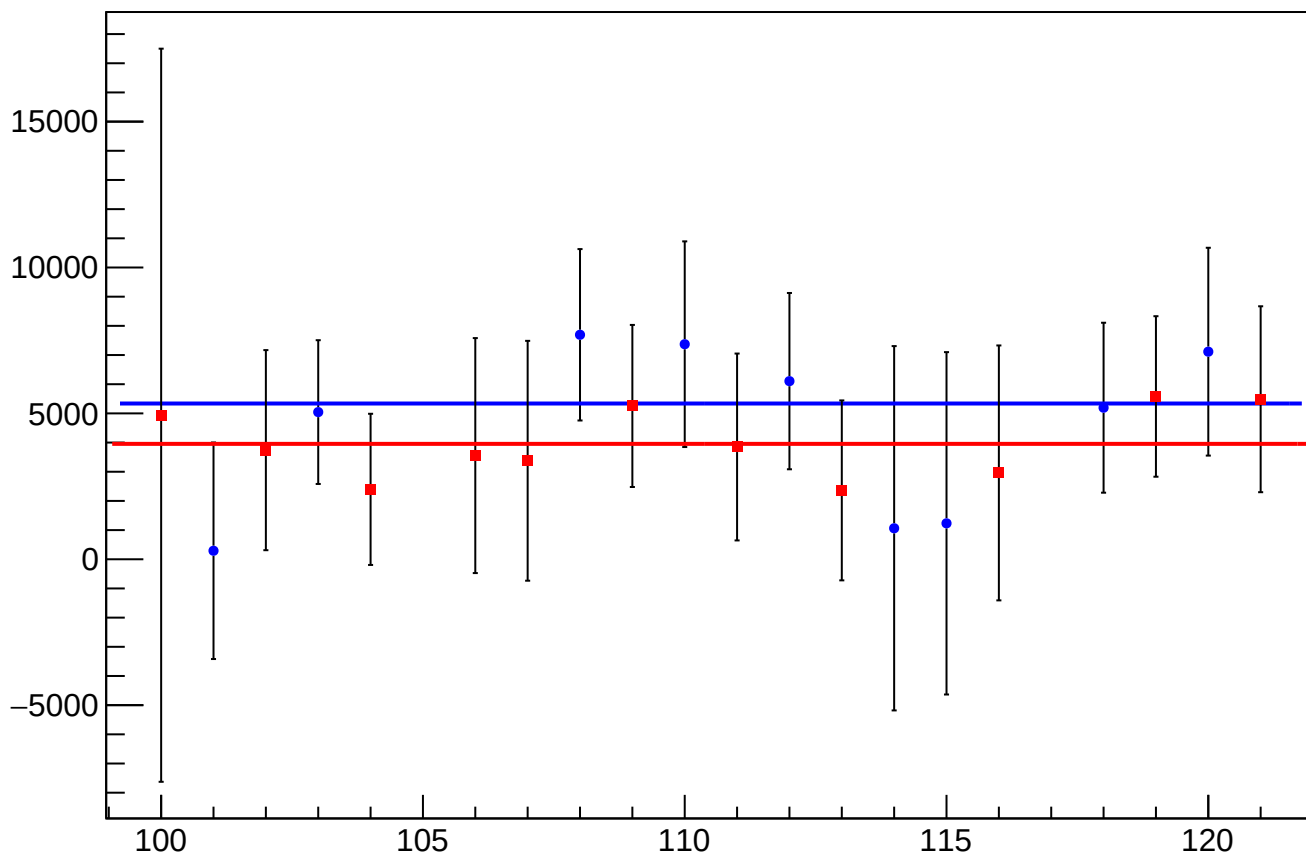
Right: 0.000+/-0.000 χ^2/NDF : 2172684.7/19

In: 0.000+/-0.000 χ^2/NDF : 1464938.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2172684.7/19

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5338.383+/-1121.700 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3955.293+/-1011.887 χ^2/NDF : 1.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

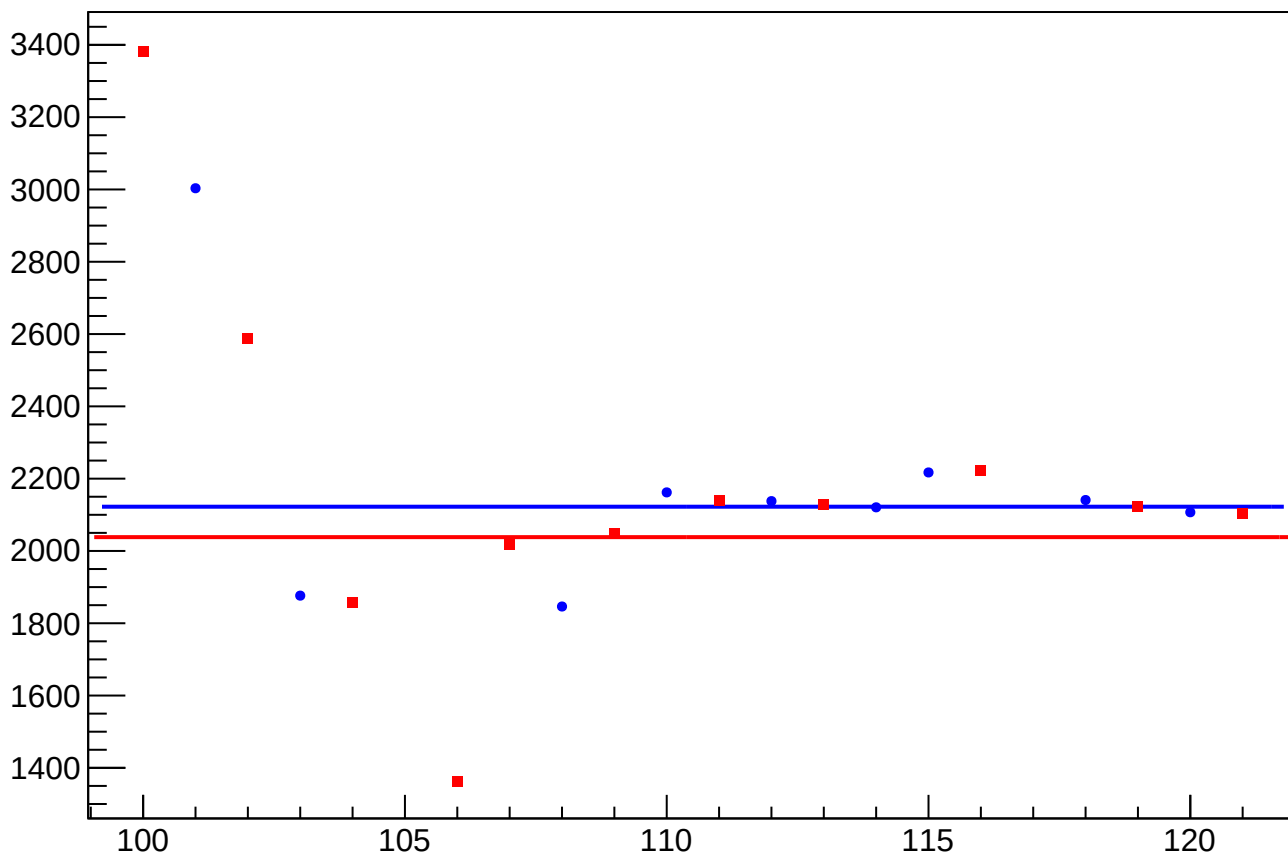
Right: 4575.840+/-751.344 χ^2/NDF : 6.5/19

In: 5338.383+/-1121.700 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4575.840+/-751.344 χ^2/NDF : 6.5/19

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.407+/-0.793 χ^2/NDF : 151279.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.233+/-0.698 χ^2/NDF : 195525.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

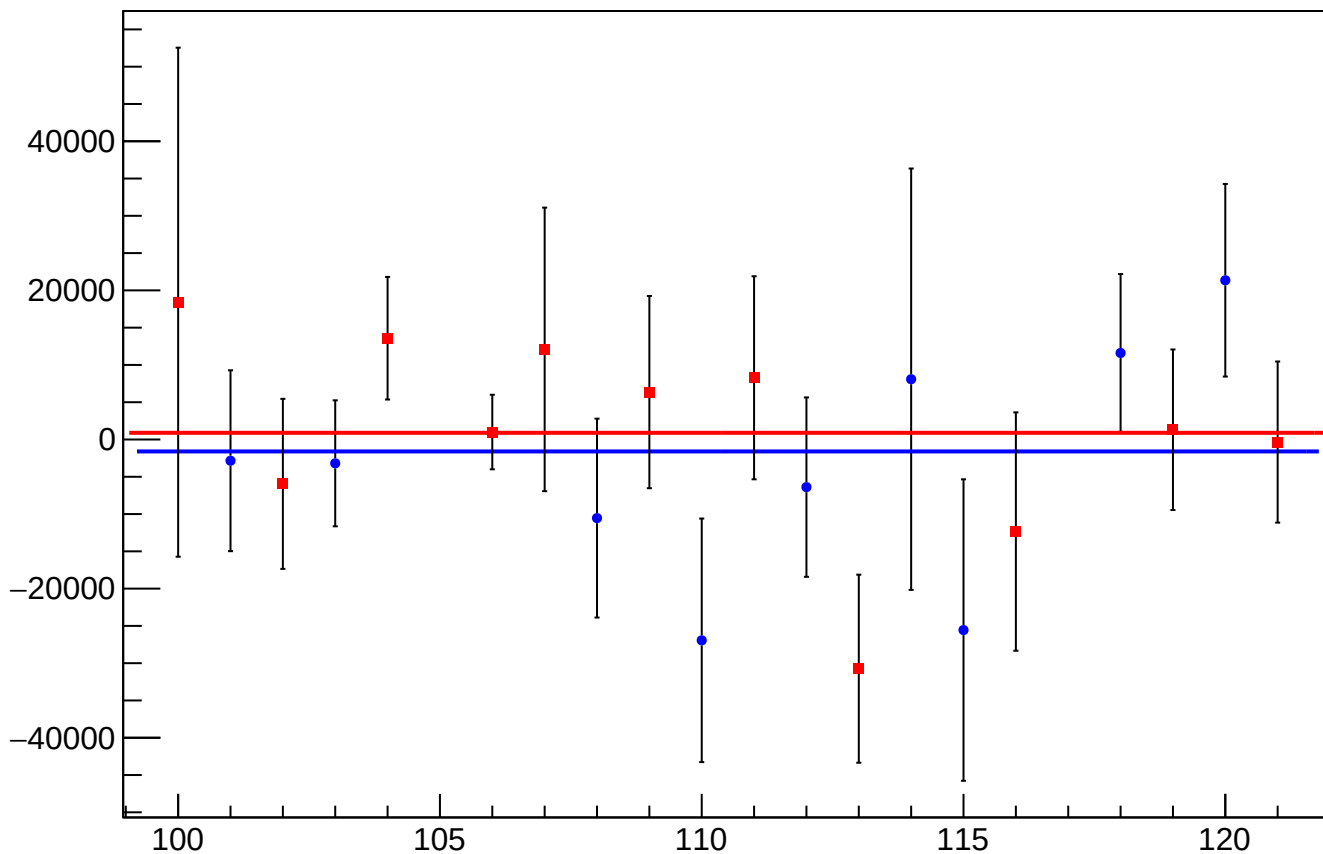
Right: 2074.968+/-0.524 χ^2/NDF : 353153.1/19

In: 2122.407+/-0.793 χ^2/NDF : 151279.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2074.968+/-0.524 χ^2/NDF : 353153.1/19

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1600.977 ± 4236.559 χ^2/NDF : 9.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 896.950 ± 3087.343 χ^2/NDF : 10.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

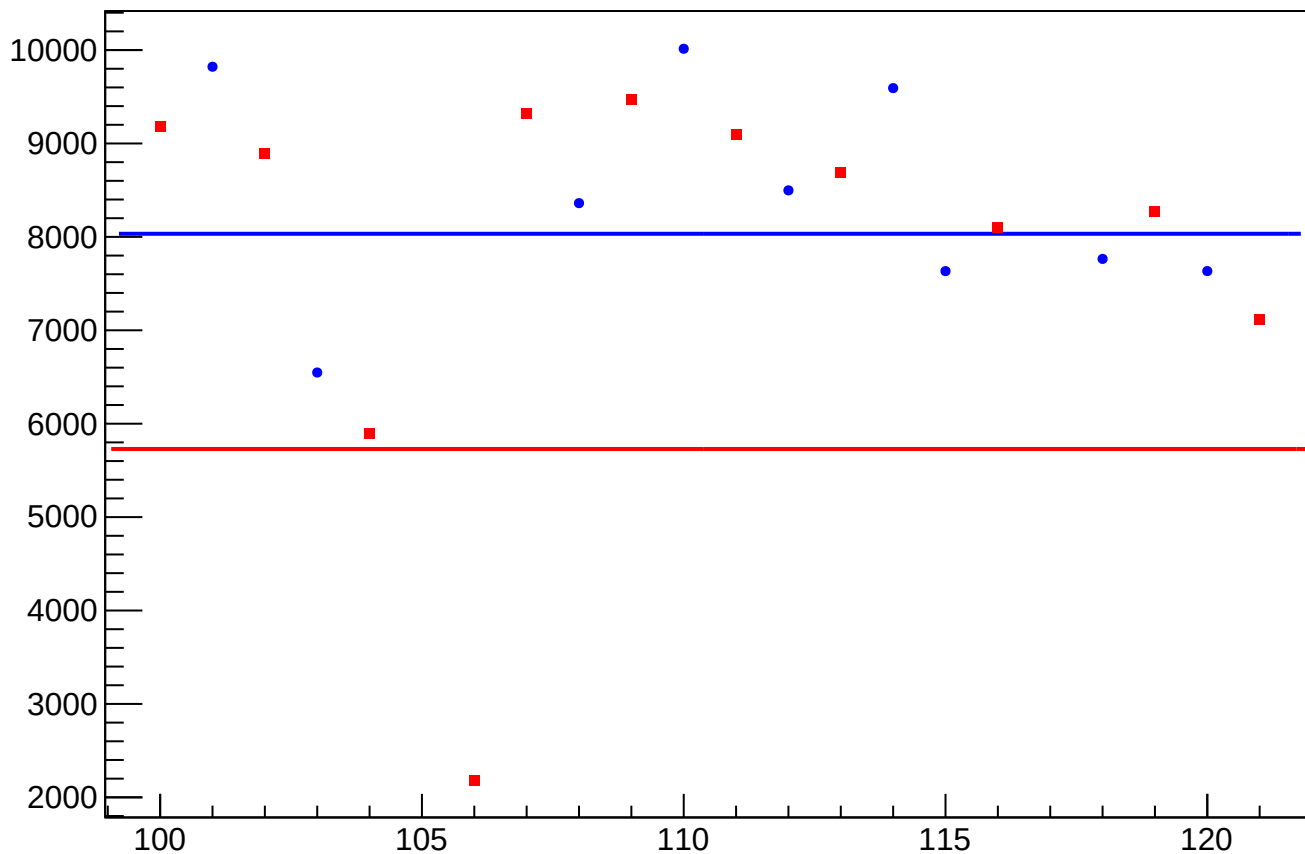
Right: 30.525 ± 2495.105 χ^2/NDF : 20.3/19

In: -1600.977 ± 4236.559 χ^2/NDF : 9.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 30.525 ± 2495.105 χ^2/NDF : 20.3/19

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8033.348+/-2.996 χ^2/NDF : 148982.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5729.568+/-2.183 χ^2/NDF : 1842966.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

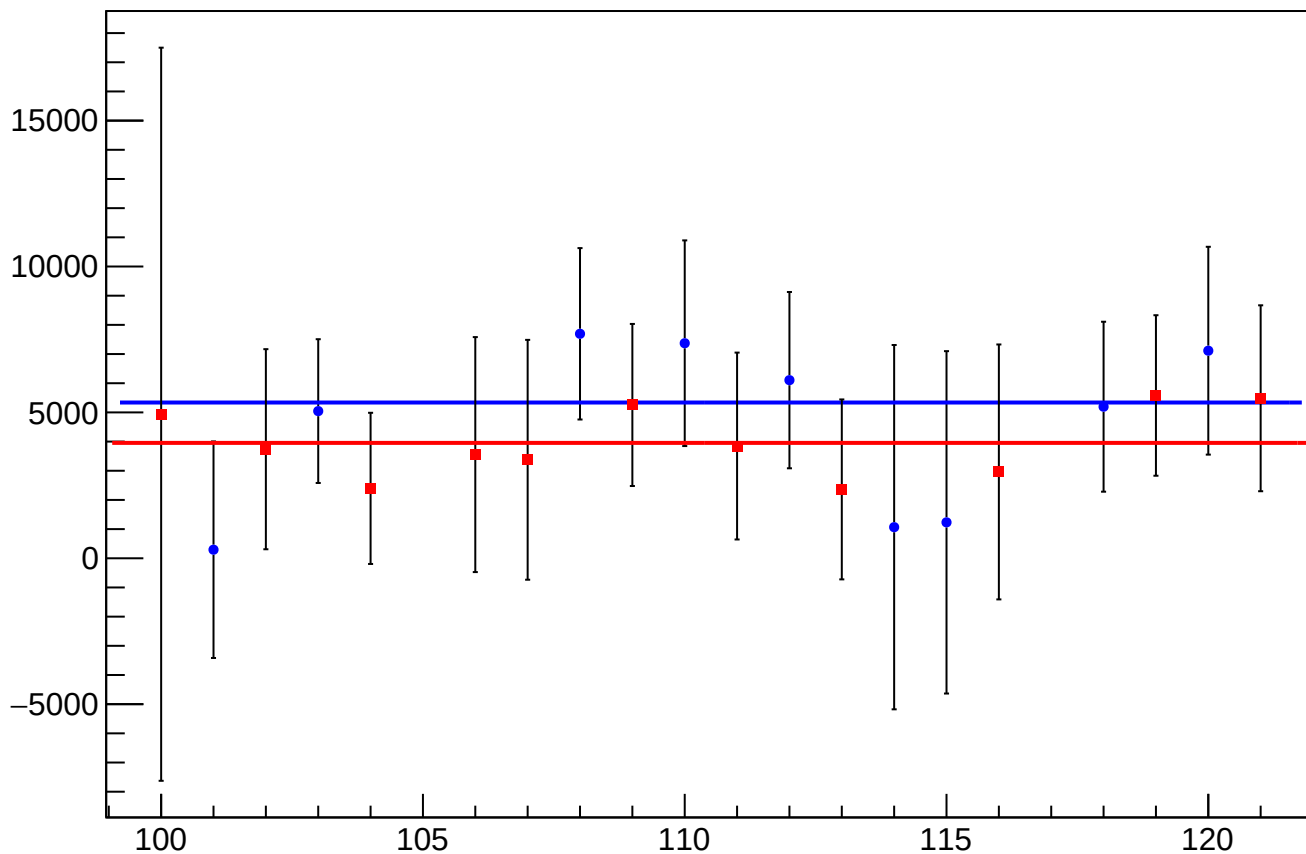
Right: 6528.651+/-1.764 χ^2/NDF : 2378221.8/19

In: 8033.348+/-2.996 χ^2/NDF : 148982.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6528.651+/-1.764 χ^2/NDF : 2378221.8/19

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.963+/-1011.887 χ^2/NDF : 1.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

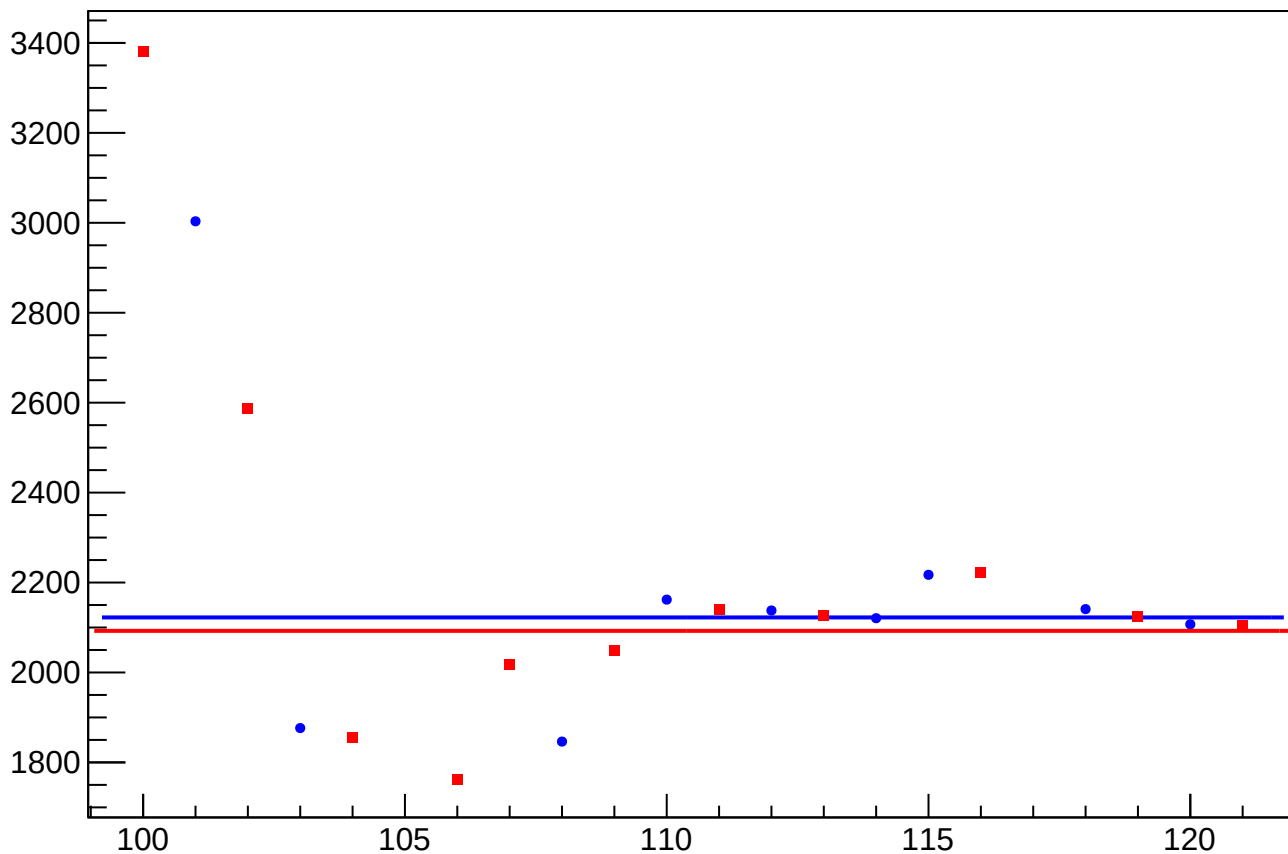
Right: 4575.788+/-751.344 χ^2/NDF : 6.5/19

In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4575.788+/-751.344 χ^2/NDF : 6.5/19

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.545+/-0.710 χ^2/NDF : 100030.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

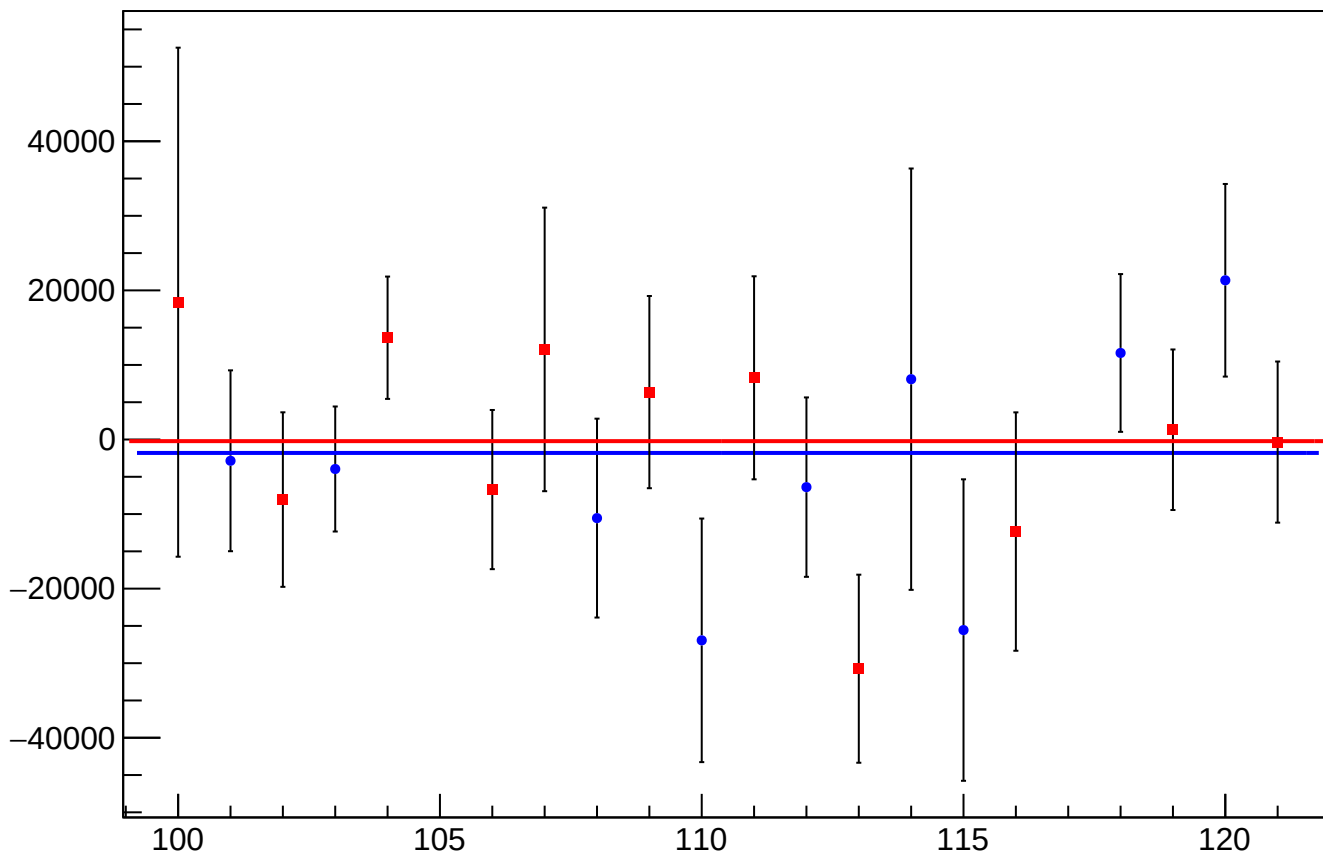
Right: 2105.829+/-0.529 χ^2/NDF : 252097.4/19

In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.829+/-0.529 χ^2/NDF : 252097.4/19

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1801.576+/-4228.381 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -219.078+/-3691.804 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

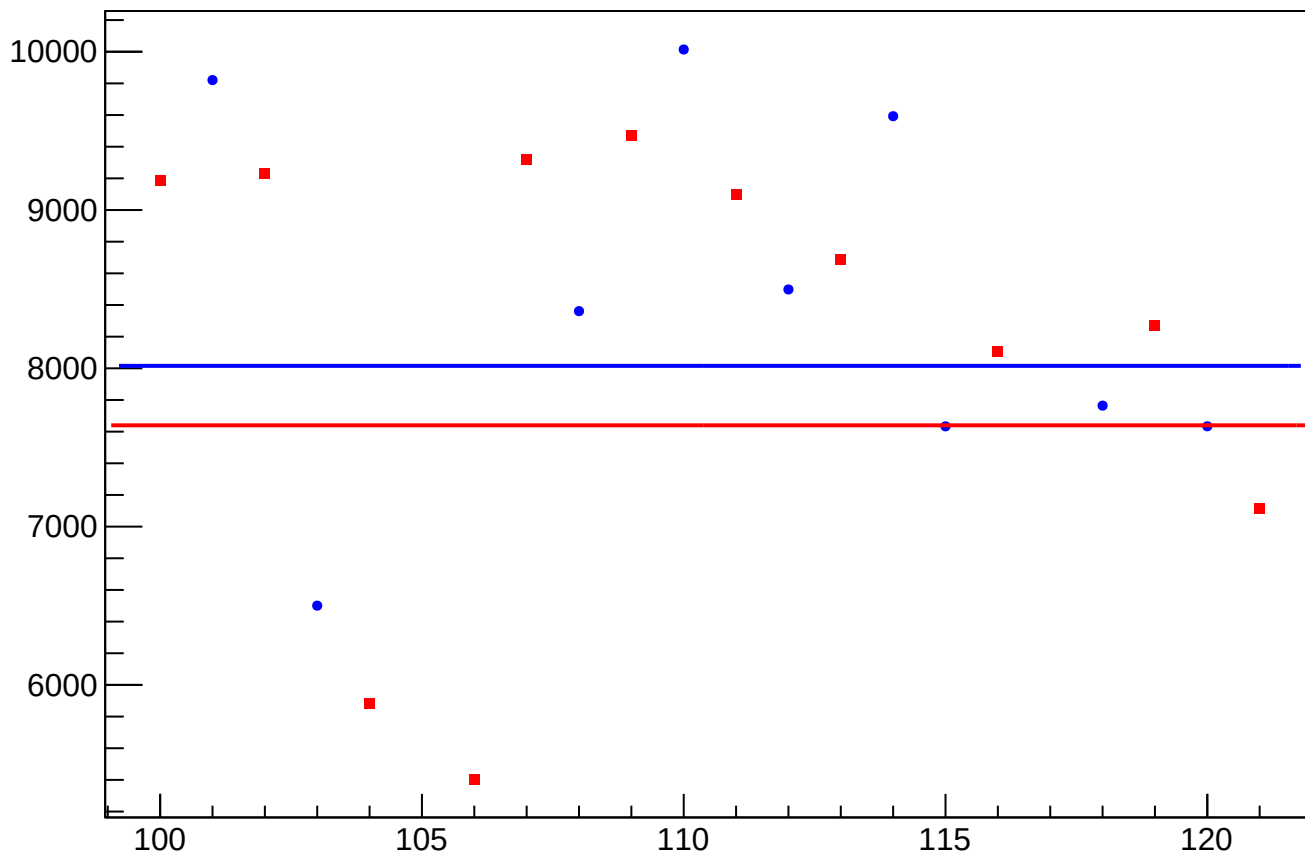
Right: -903.605+/-2780.981 χ^2/NDF : 20.9/19

In: -1801.576+/-4228.381 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -903.605+/-2780.981 χ^2/NDF : 20.9/19

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8015.539+/-2.990 χ^2/NDF : 153924.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7639.954+/-2.610 χ^2/NDF : 327032.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

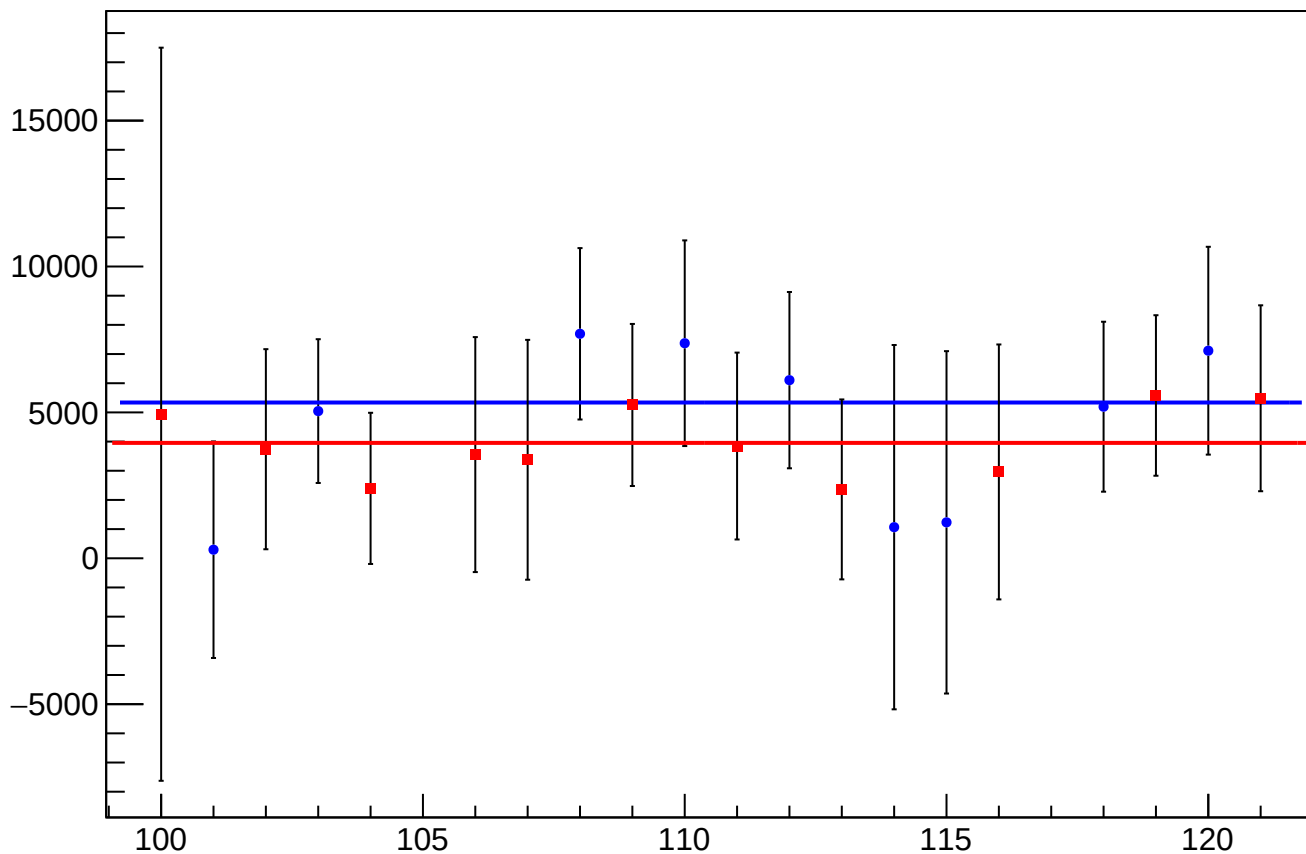
Right: 7802.417+/-1.966 χ^2/NDF : 489910.3/19

In: 8015.539+/-2.990 χ^2/NDF : 153924.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7802.417+/-1.966 χ^2/NDF : 489910.3/19

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.963+/-1011.887 χ^2/NDF : 1.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

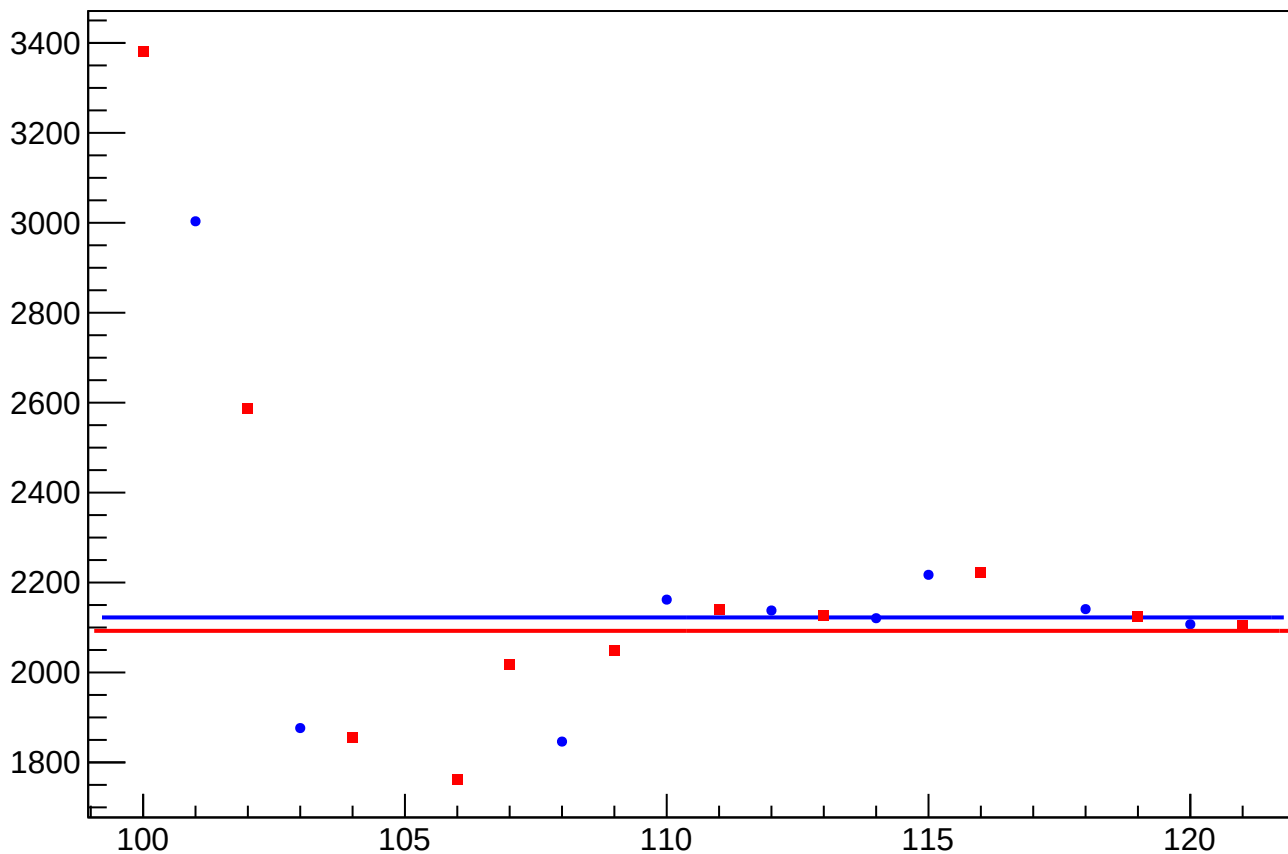
Right: 4575.788+/-751.344 χ^2/NDF : 6.5/19

In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4575.788+/-751.344 χ^2/NDF : 6.5/19

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.545+/-0.710 χ^2/NDF : 100030.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

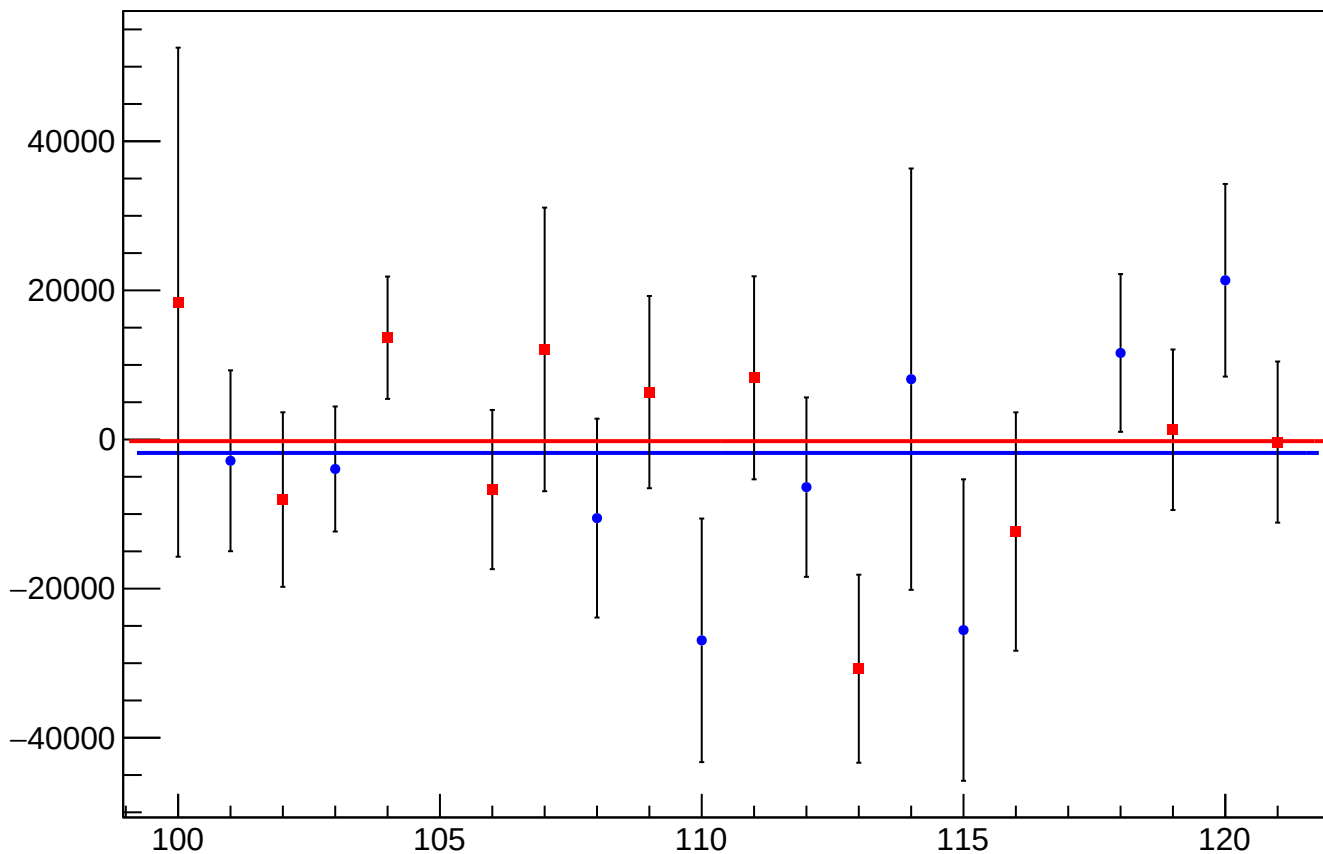
Right: 2105.829+/-0.529 χ^2/NDF : 252097.4/19

In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.829+/-0.529 χ^2/NDF : 252097.4/19

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1801.576+/-4228.381 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -219.078+/-3691.804 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

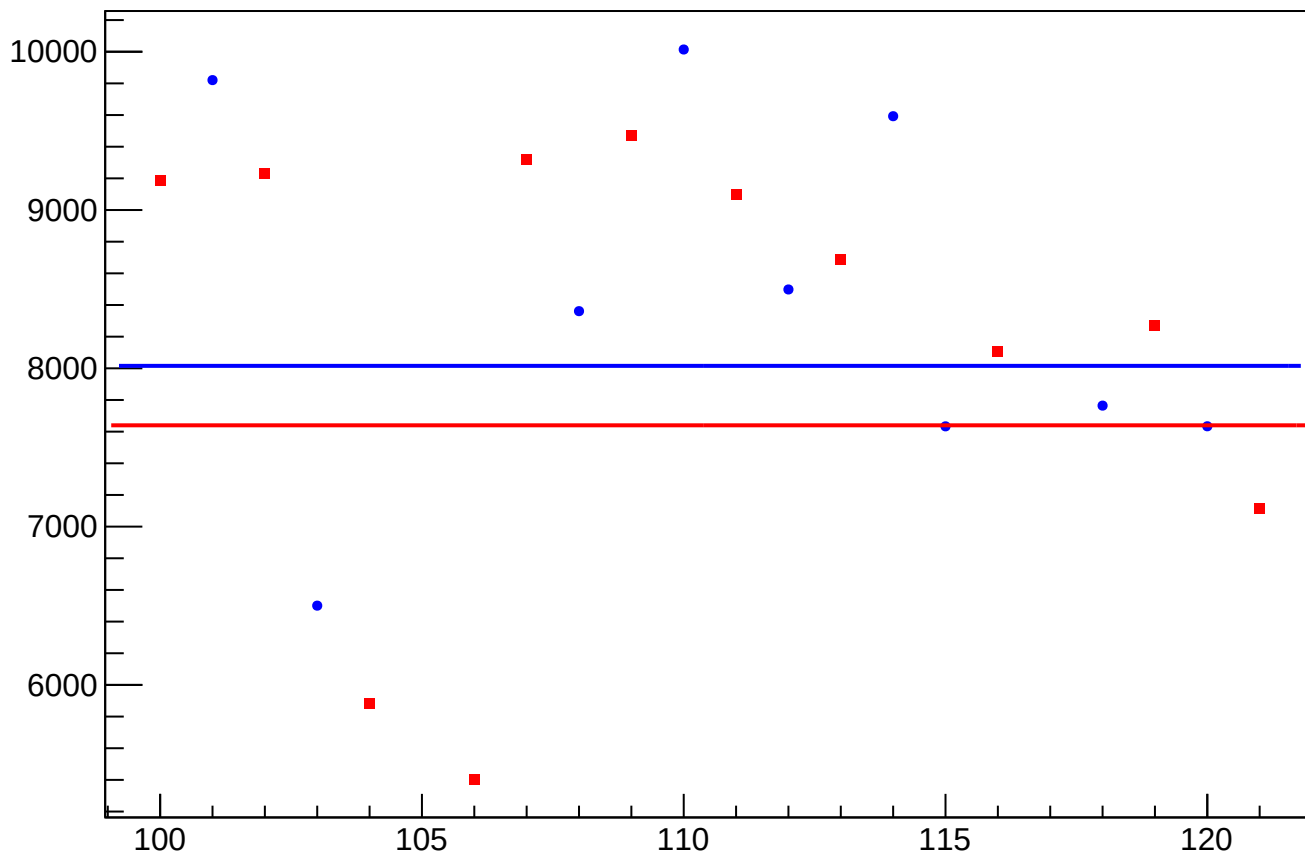
Right: -903.605+/-2780.981 χ^2/NDF : 20.9/19

In: -1801.576+/-4228.381 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -903.605+/-2780.981 χ^2/NDF : 20.9/19

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8015.539 +/- 2.990 χ^2/NDF : 153924.3/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 7639.954 +/- 2.610 χ^2/NDF : 327032.1/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

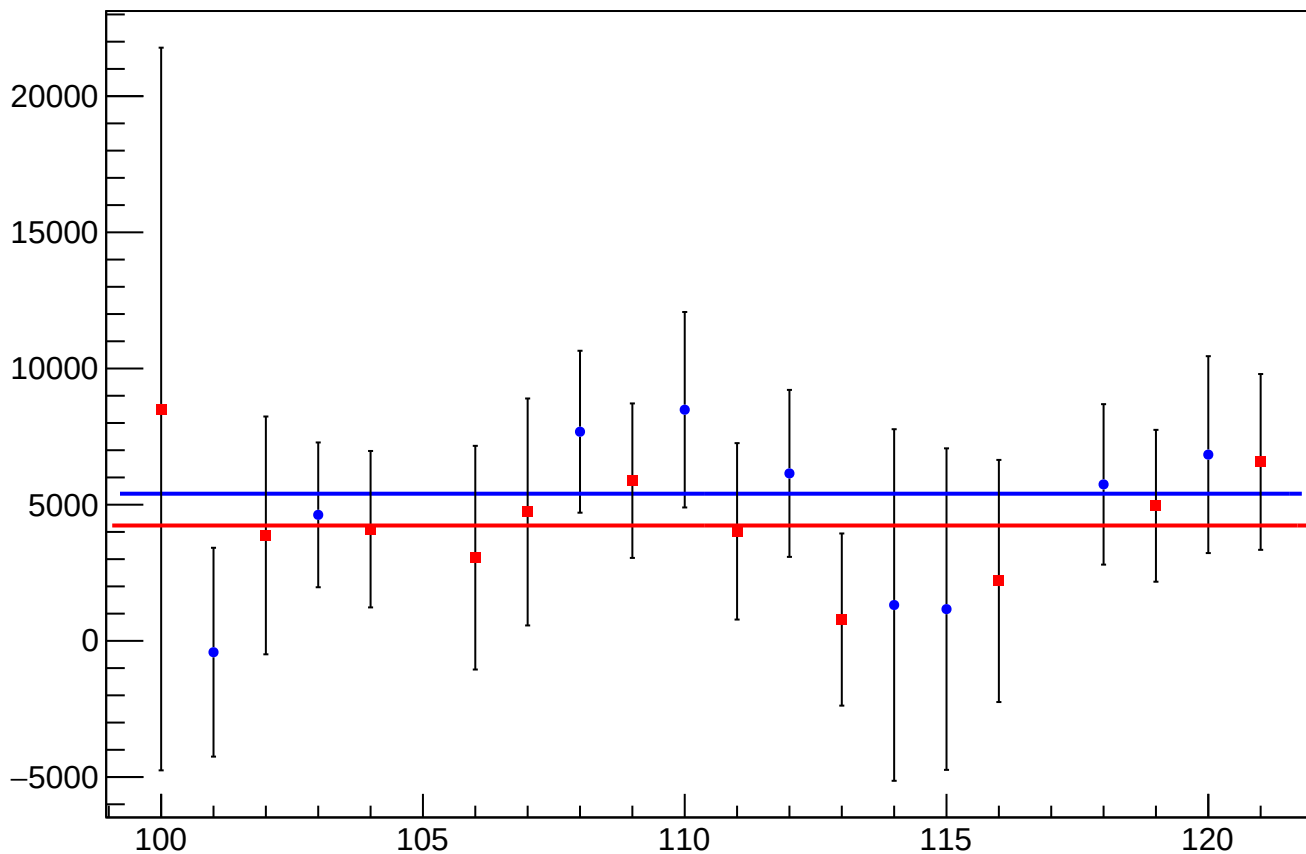
Right: 7802.417 +/- 1.966 χ^2/NDF : 489910.3/19

In: 8015.539 +/- 2.990 χ^2/NDF : 153924.3/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 7802.417 +/- 1.966 χ^2/NDF : 489910.3/19

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5403.326+/-1153.707 χ^2 /NDF: 4.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4235.770+/-1059.215 χ^2 /NDF: 2.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

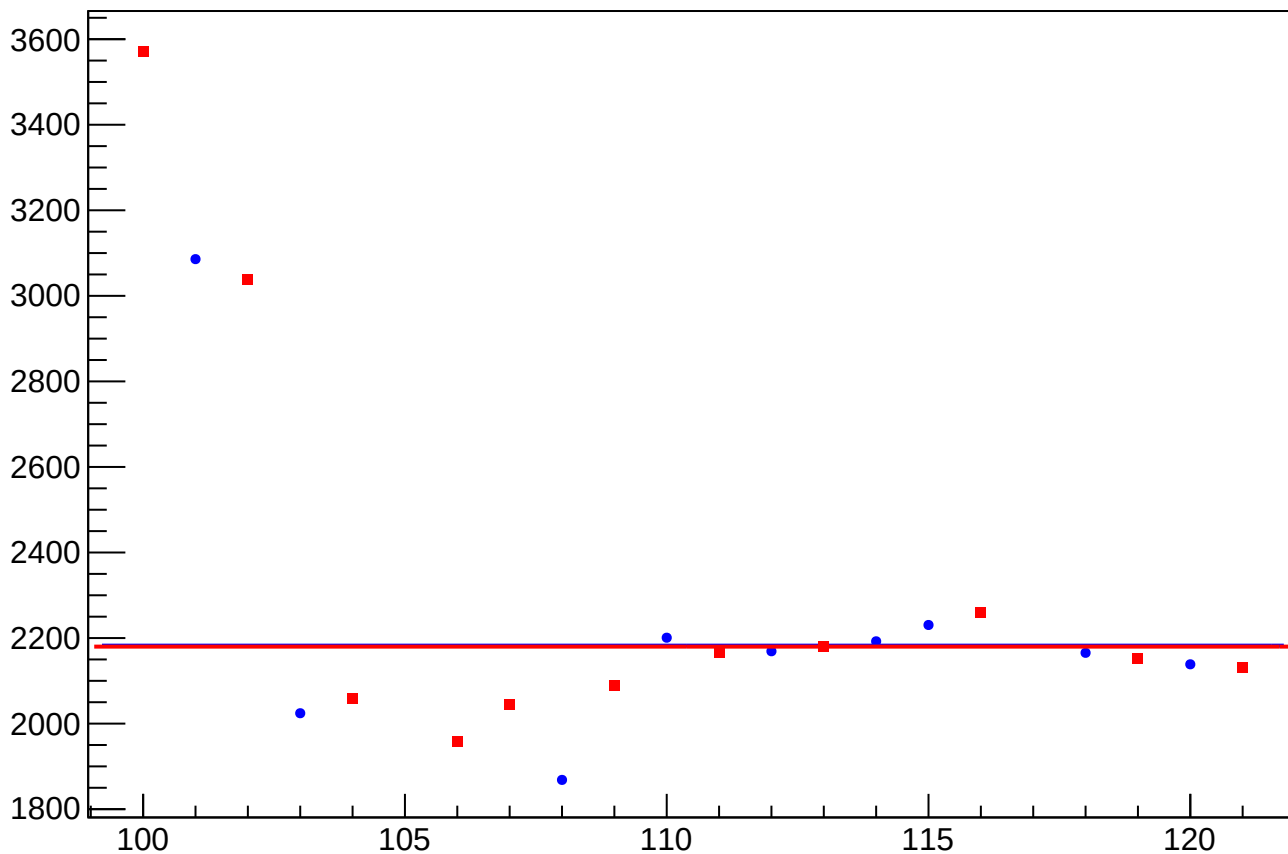
Right: 4769.784+/-780.248 χ^2 /NDF: 8.0/19

In: 5403.326+/-1153.707 χ^2 /NDF:4.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4769.784+/-780.248 χ^2 /NDF: 8.0/19

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2182.265+/-0.816 χ^2/NDF : 141038.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2179.990+/-0.748 χ^2/NDF : 114536.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

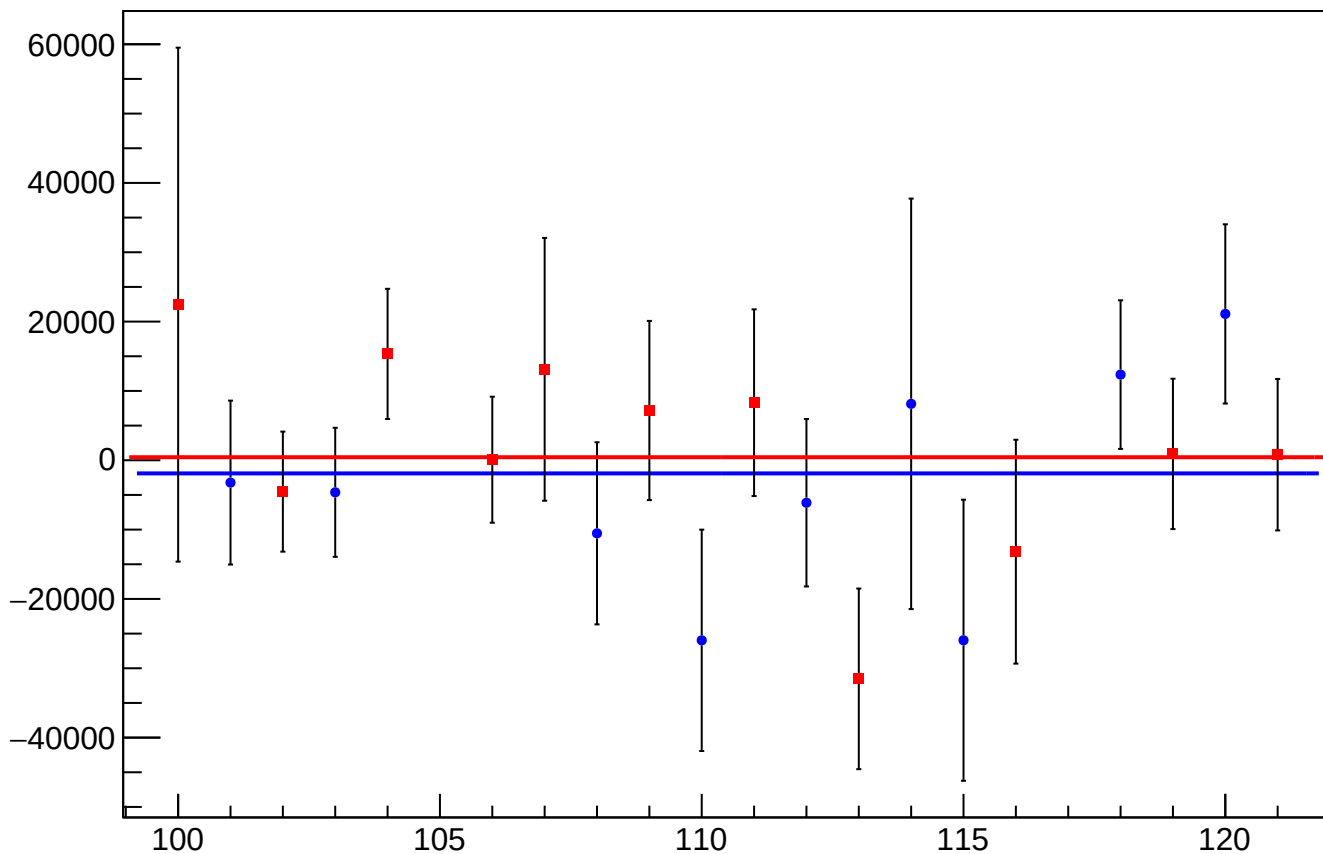
Right: 2181.030+/-0.551 χ^2/NDF : 255578.5/19

In: 2182.265+/-0.816 χ^2/NDF : 141038.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.030+/-0.551 χ^2/NDF : 255578.5/19

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1893.896+/-4321.609 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 439.648+/-3570.670 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

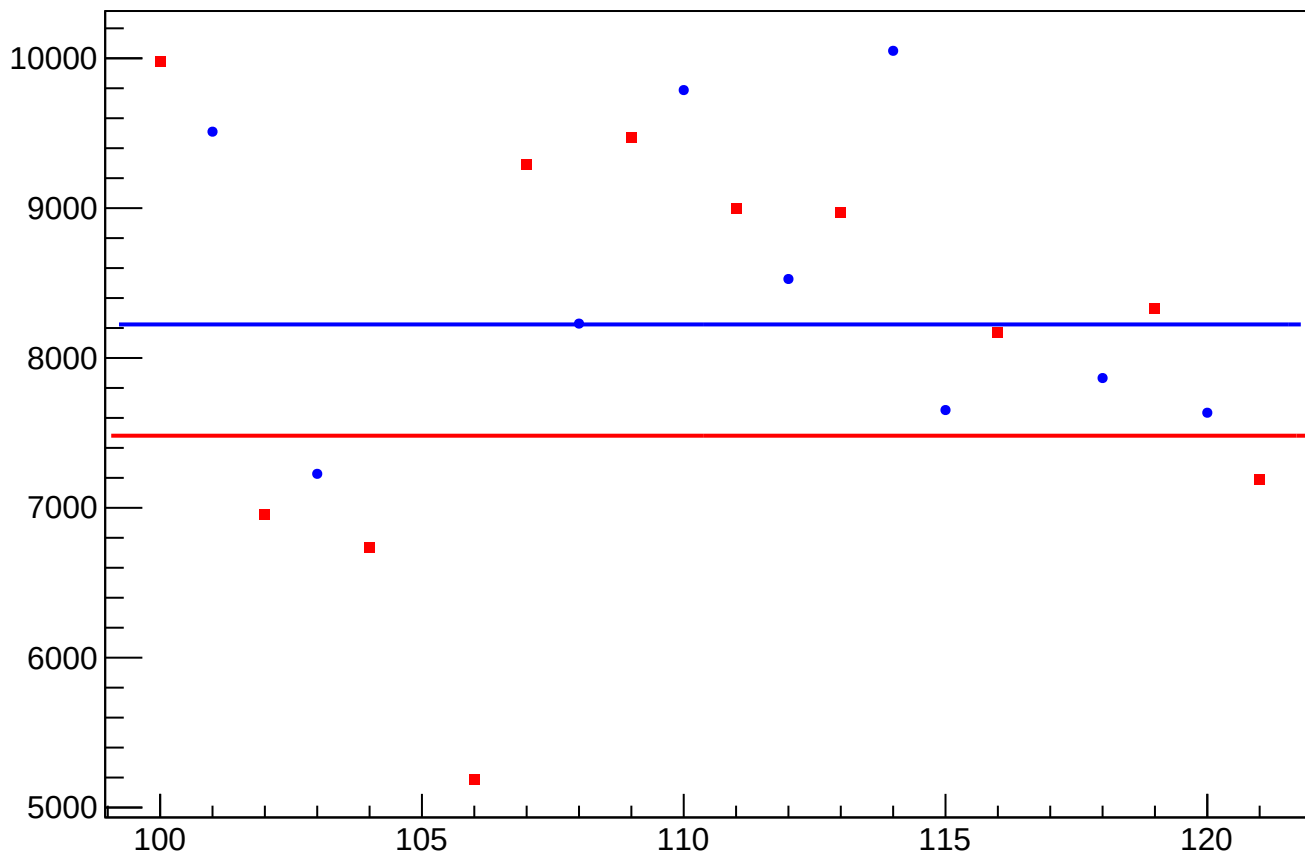
Right: -507.083+/-2752.649 χ^2/NDF : 20.6/19

In: -1893.896+/-4321.609 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -507.083+/-2752.649 χ^2/NDF : 20.6/19

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8223.875+/-3.056 χ^2/NDF : 82682.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7481.351+/-2.525 χ^2/NDF : 291182.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

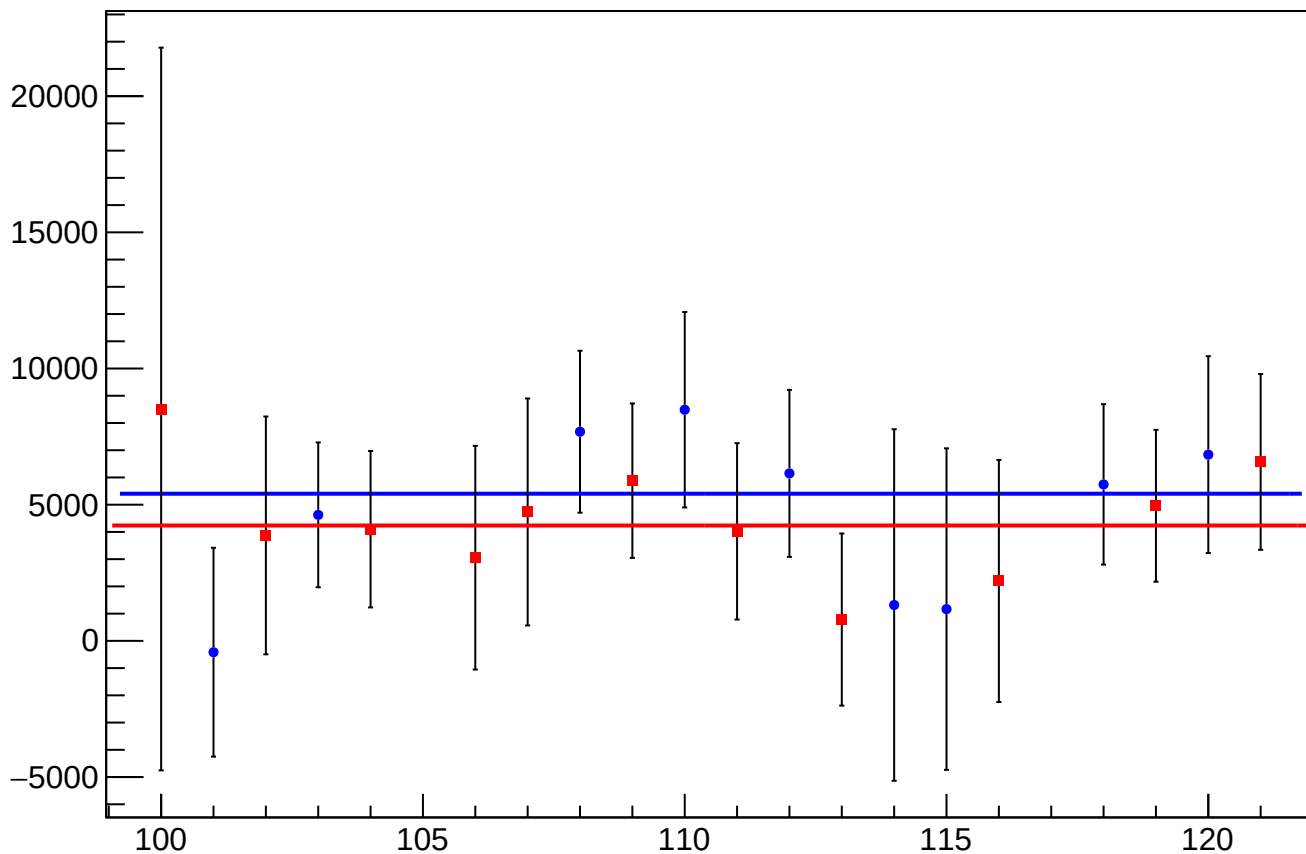
Right: 7782.597+/-1.946 χ^2/NDF : 408953.3/19

In: 8223.875+/-3.056 χ^2/NDF : 82682.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7782.597+/-1.946 χ^2/NDF : 408953.3/19

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5403.320+/-1153.706 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4235.780+/-1059.214 χ^2/NDF : 2.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

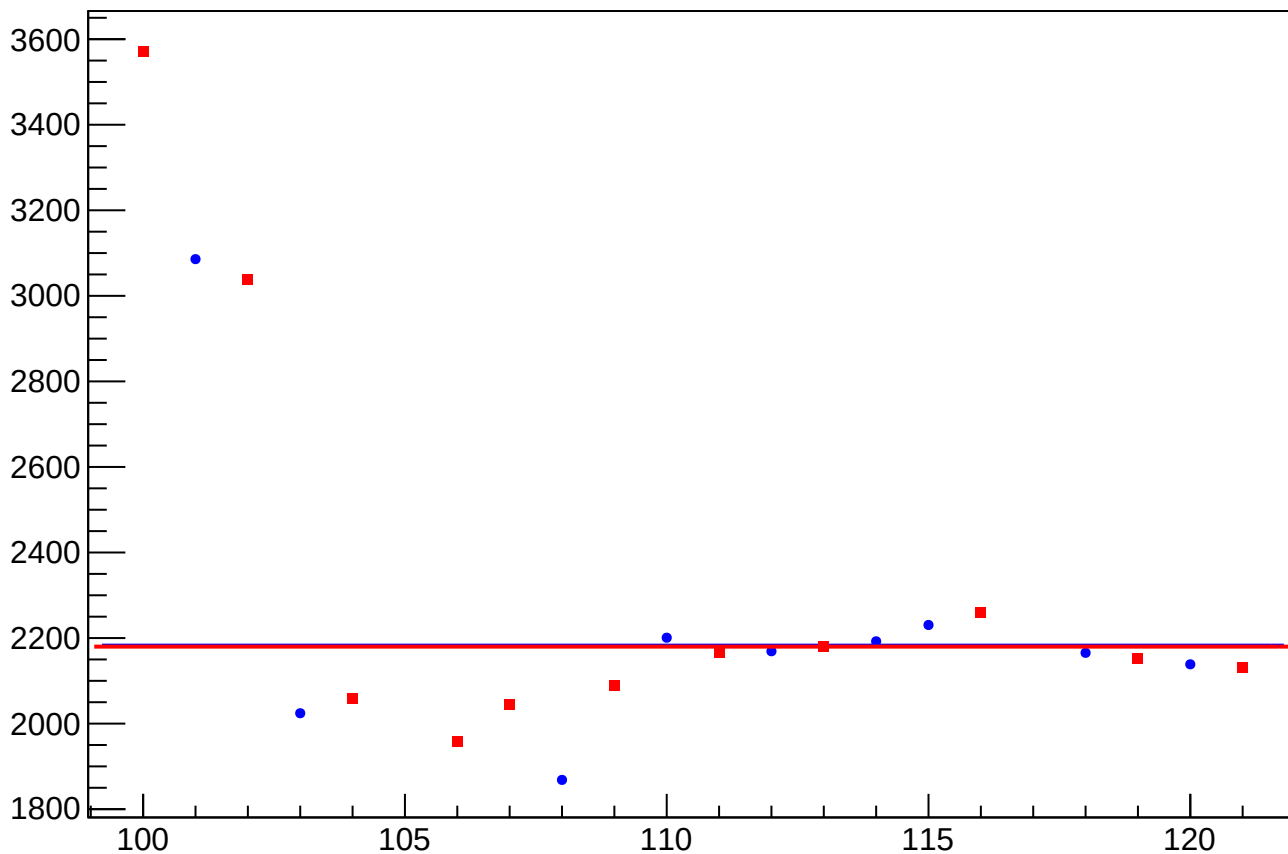
Right: 4769.787+/-780.248 χ^2/NDF : 8.0/19

In: 5403.320+/-1153.706 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4769.787+/-780.248 χ^2/NDF : 8.0/19

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2182.265+/-0.816 χ^2/NDF : 141038.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2179.989+/-0.748 χ^2/NDF : 114536.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

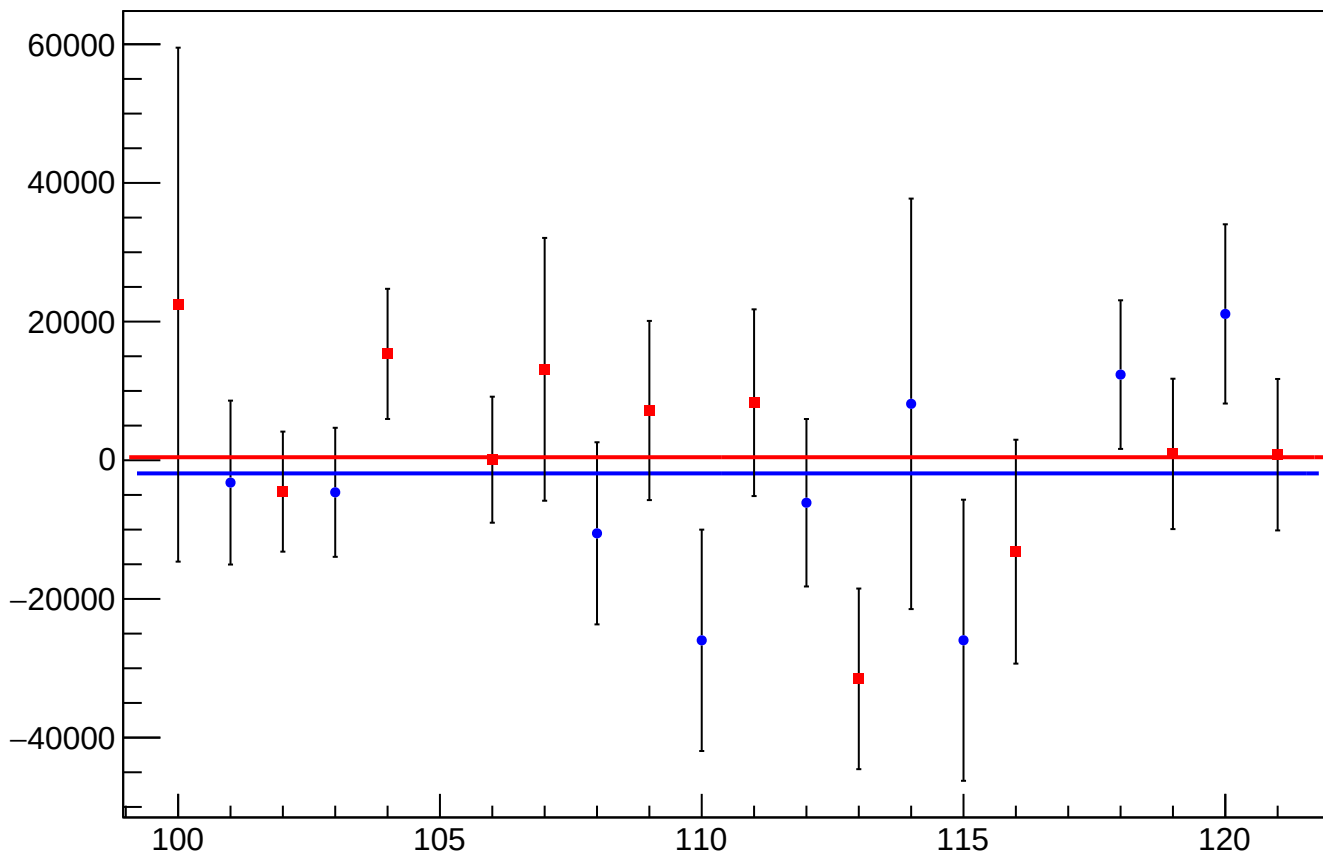
Right: 2181.029+/-0.551 χ^2/NDF : 255578.3/19

In: 2182.265+/-0.816 χ^2/NDF : 141038.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.029+/-0.551 χ^2/NDF : 255578.3/19

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1893.878+/-4321.598 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.652+/-3570.662 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

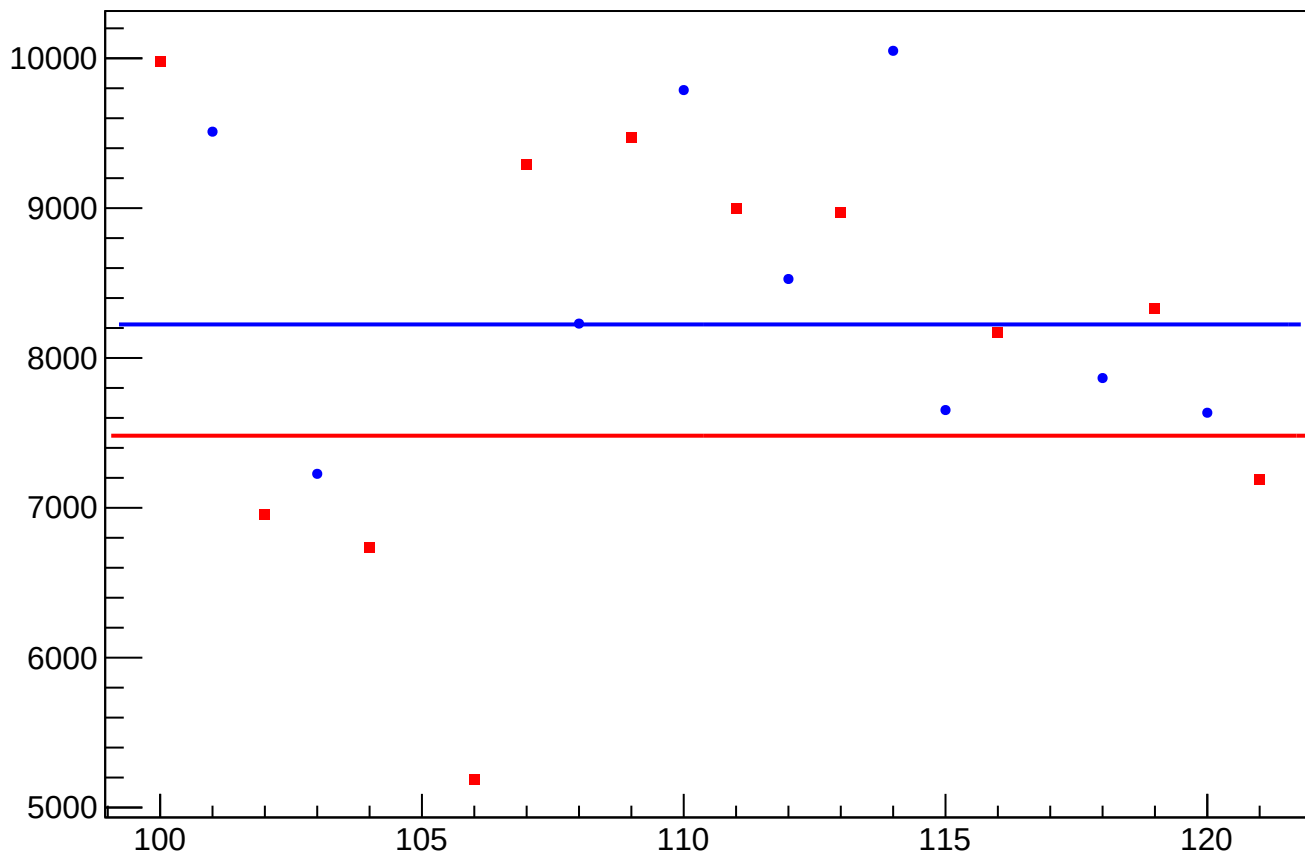
Right: -507.074+/-2752.642 χ^2/NDF : 20.6/19

In: -1893.878+/-4321.598 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.074+/-2752.642 χ^2/NDF : 20.6/19

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8223.854+/-3.056 χ^2/NDF : 82682.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7481.334+/-2.525 χ^2/NDF : 291180.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

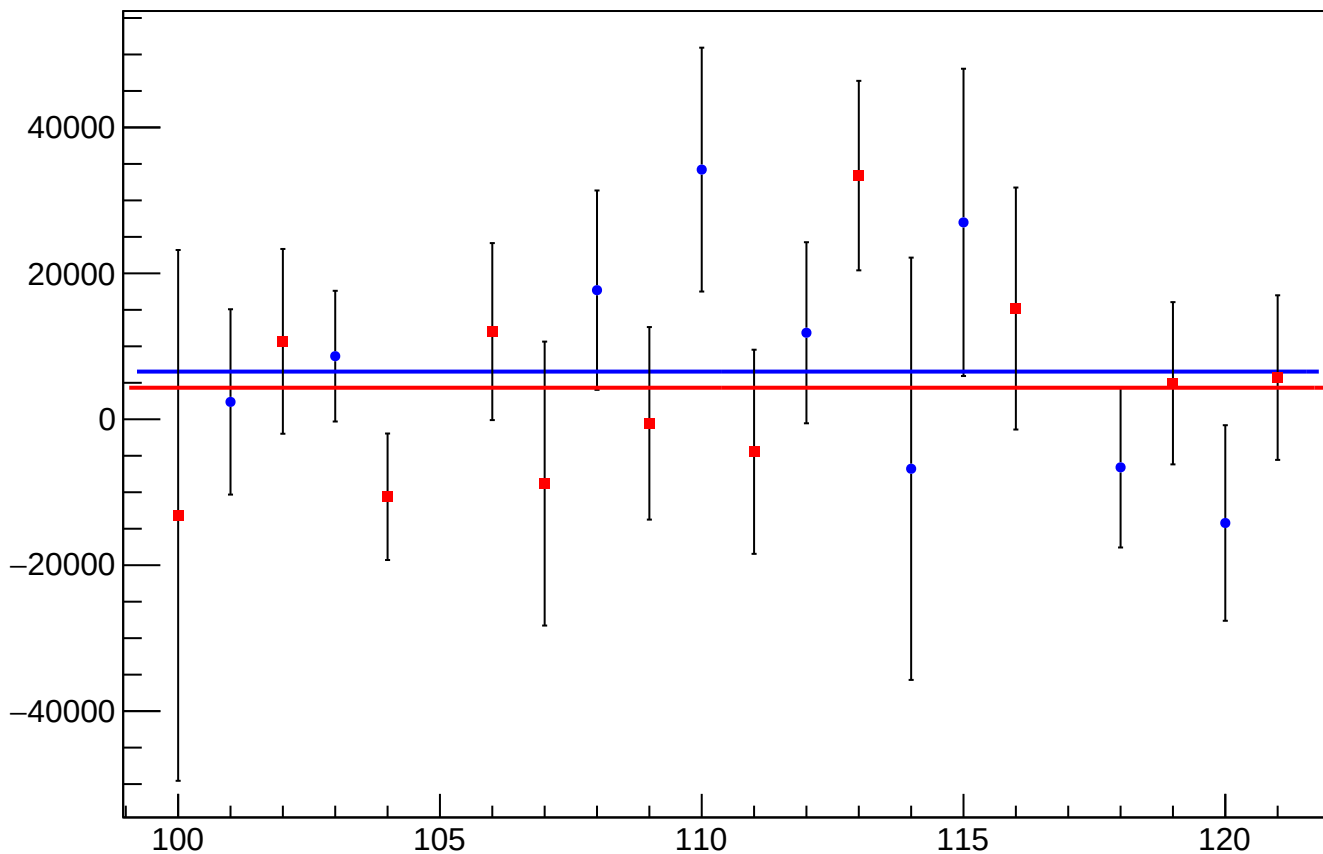
Right: 7782.578+/-1.946 χ^2/NDF : 408951.5/19

In: 8223.854+/-3.056 χ^2/NDF : 82682.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7782.578+/-1.946 χ^2/NDF : 408951.5/19

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6537.214+/-4410.837 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4324.995+/-3889.430 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

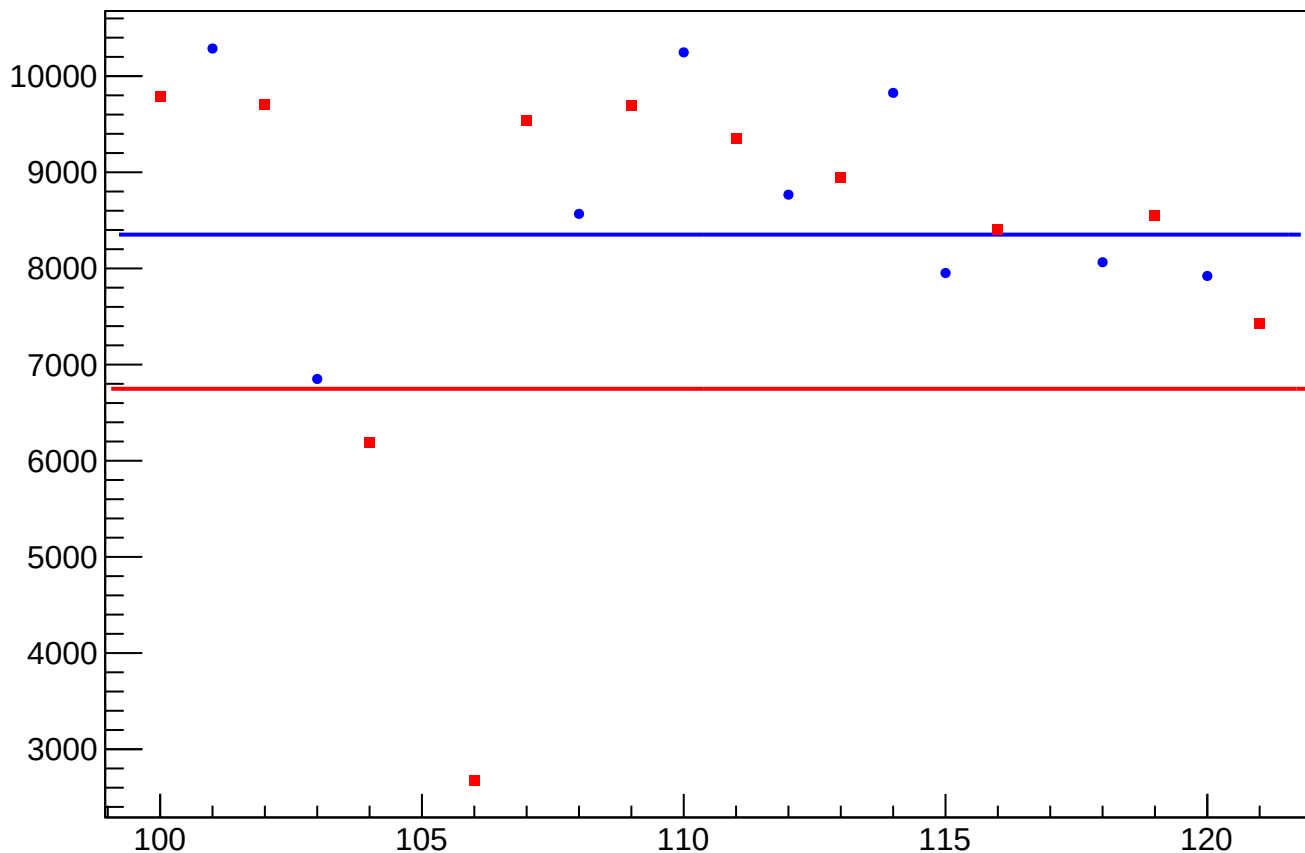
Right: 5292.684+/-2917.257 χ^2/NDF : 19.2/19

In: 6537.214+/-4410.837 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5292.684+/-2917.257 χ^2/NDF : 19.2/19

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8351.783+/-3.119 χ^2/NDF : 140403.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6748.547+/-2.479 χ^2/NDF : 1210850.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

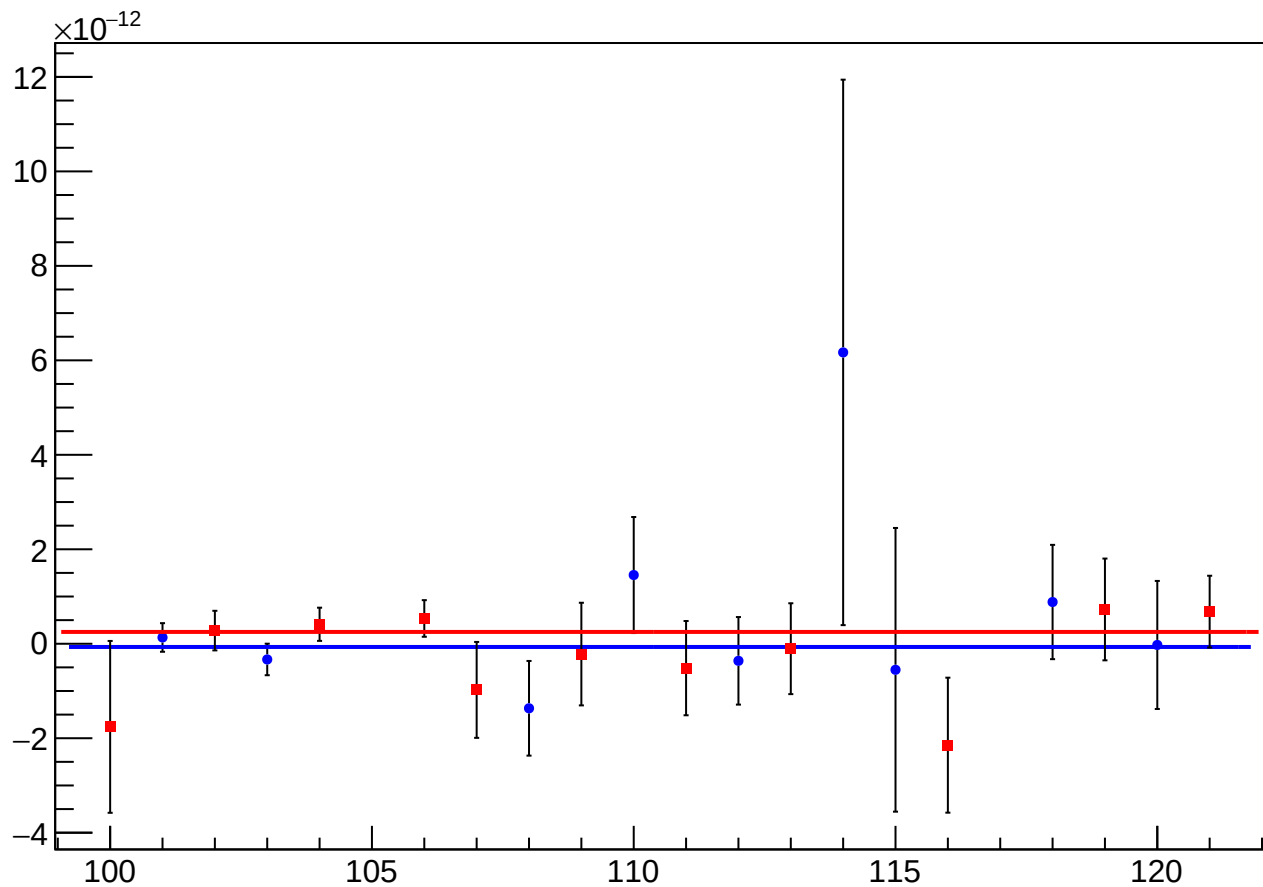
Right: 7369.185+/-1.941 χ^2/NDF : 1513203.2/19

In: 8351.783+/-3.119 χ^2/NDF : 140403.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7369.185+/-1.941 χ^2/NDF : 1513203.2/19

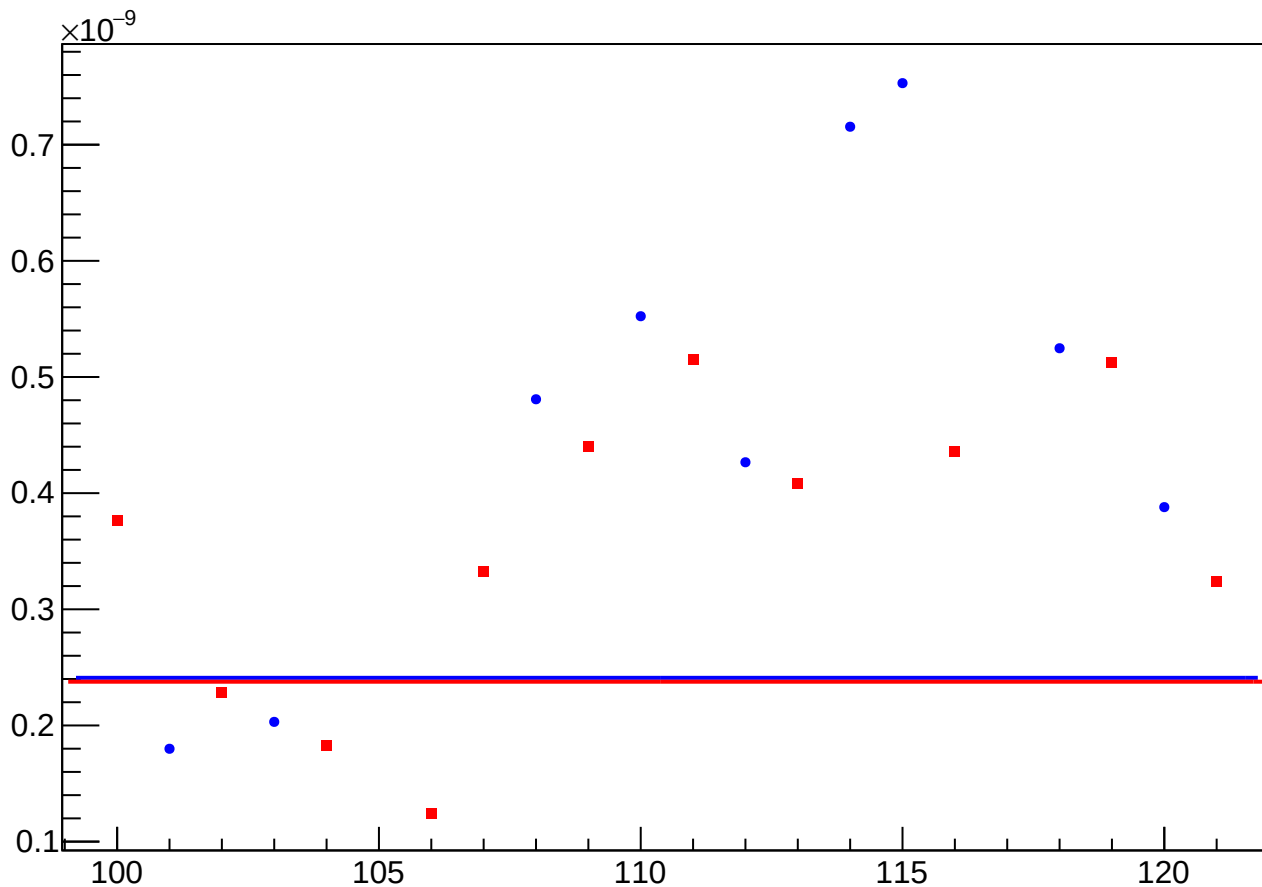
asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.2/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 7.7/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 15.2/19
 In: -0.000+/-0.000 χ^2 /NDF:6.2/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 15.2/19

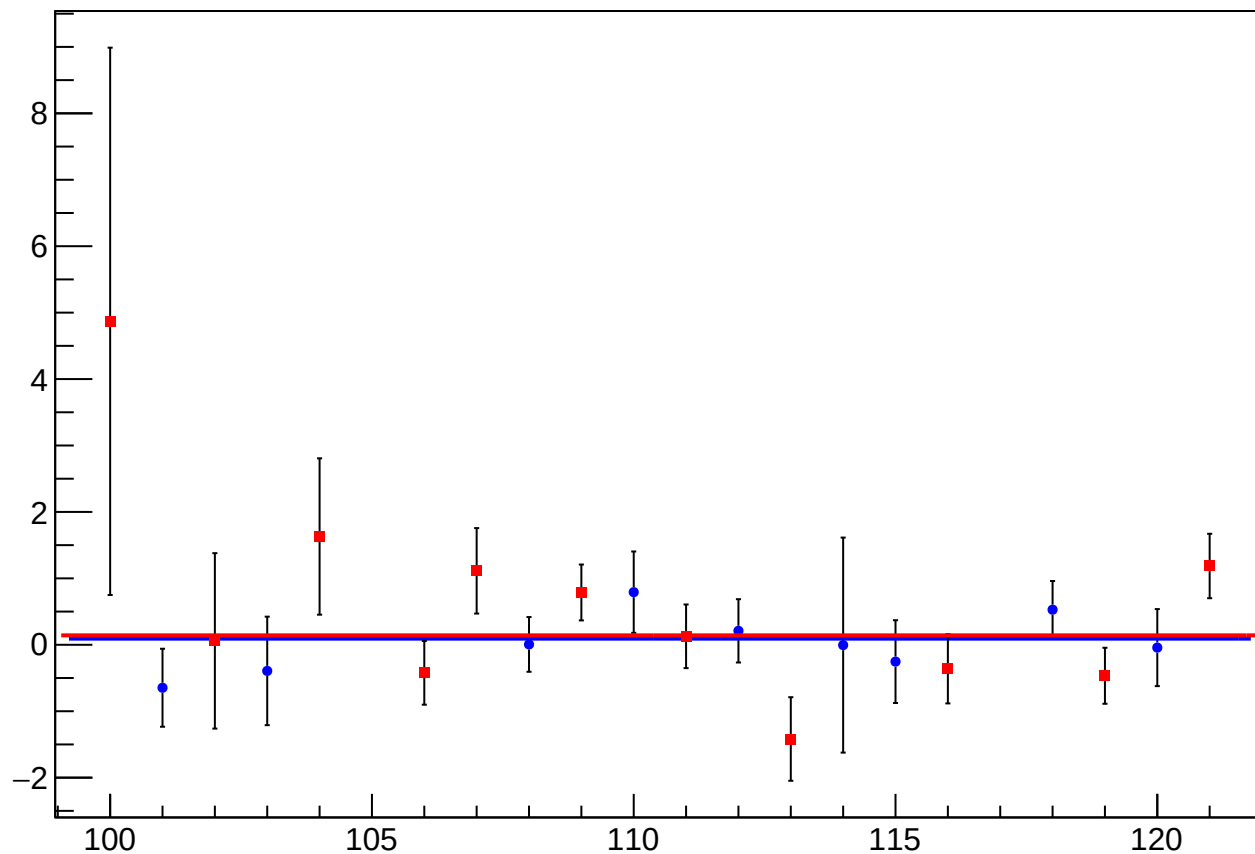
asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 635550.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 731715.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1367553.4/19
 In: 0.000+/-0.000 χ^2/NDF : 635550.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1367553.4/19

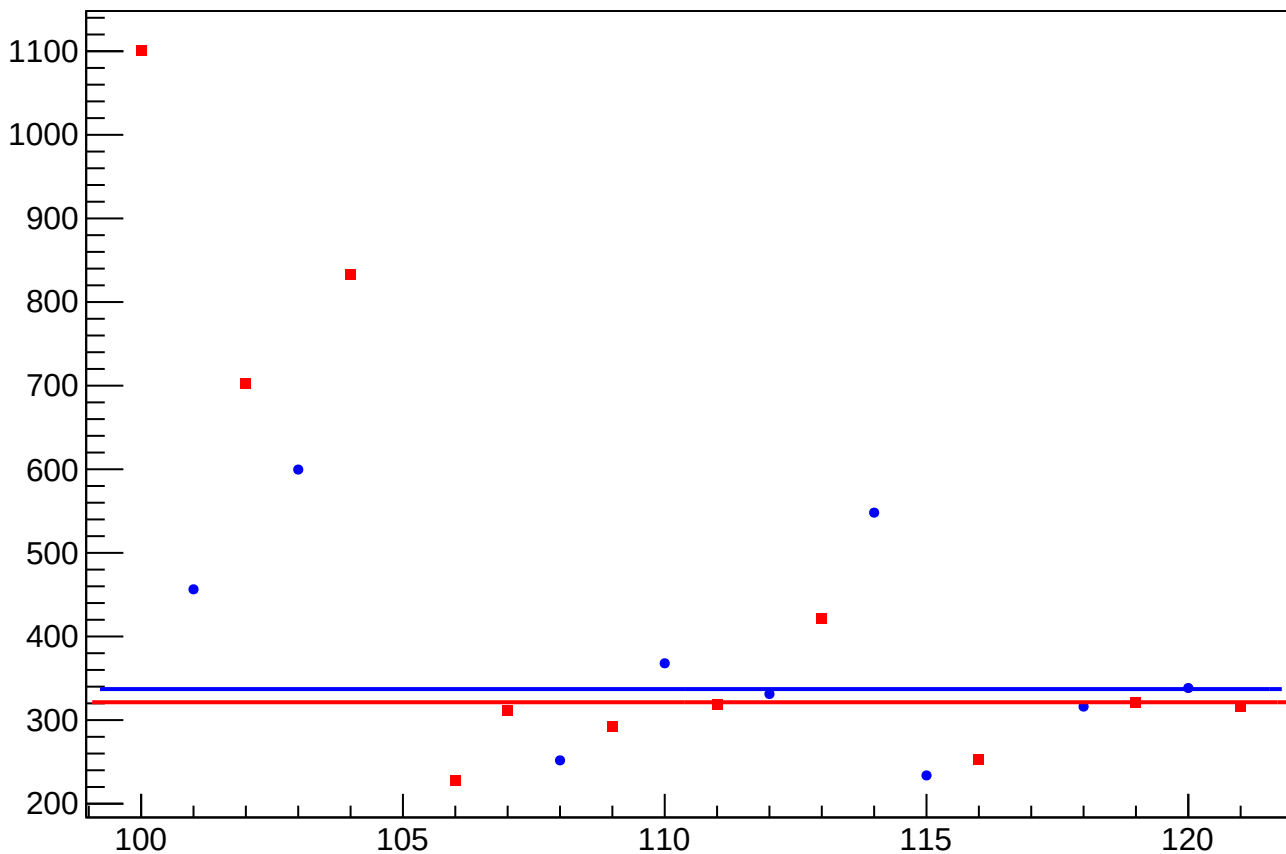
asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.120+/-0.126 χ^2/NDF : 27.5/19
 In: 0.093+/-0.187 χ^2/NDF :4.7/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.120+/-0.126 χ^2/NDF : 27.5/19

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.347+/-0.121 χ^2/NDF : 788592.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

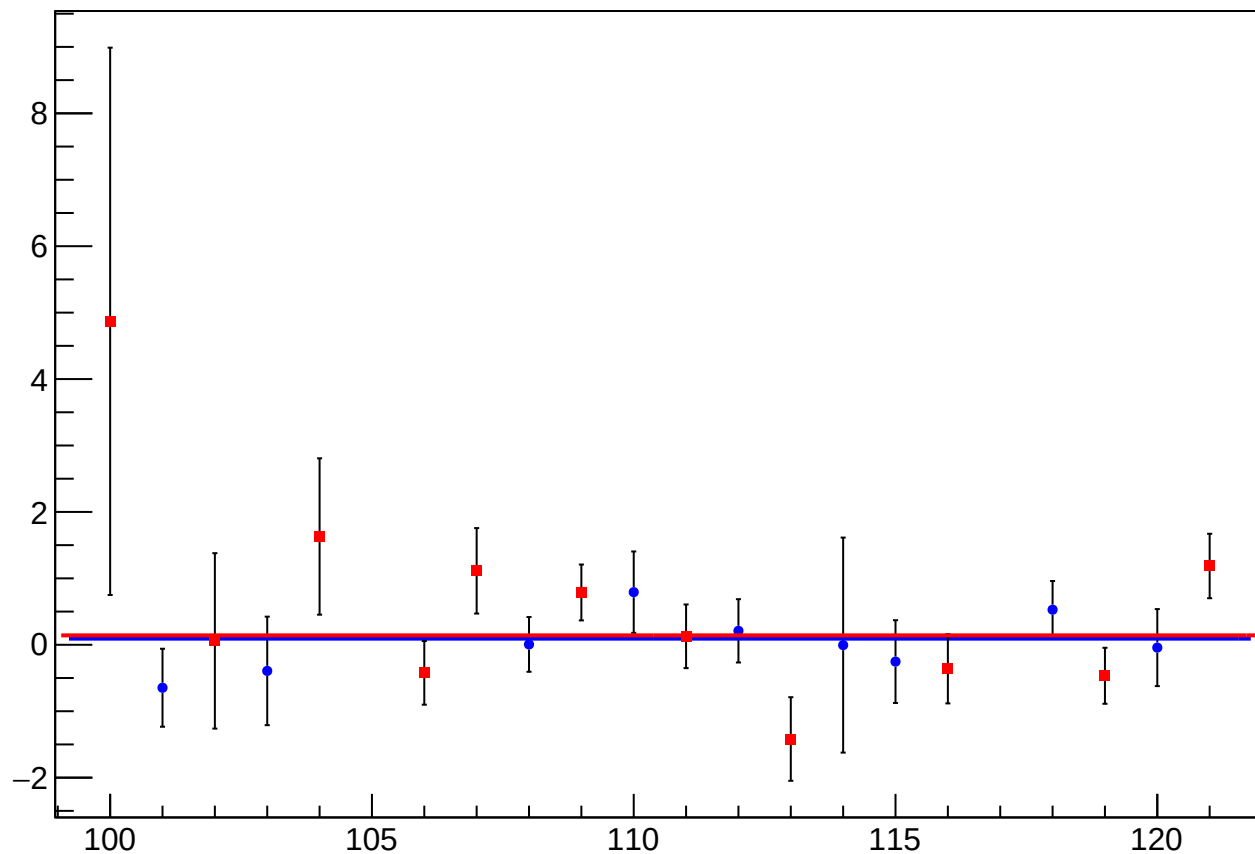
Right: 328.523+/-0.089 χ^2/NDF : 1270403.6/19

In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.523+/-0.089 χ^2/NDF : 1270403.6/19

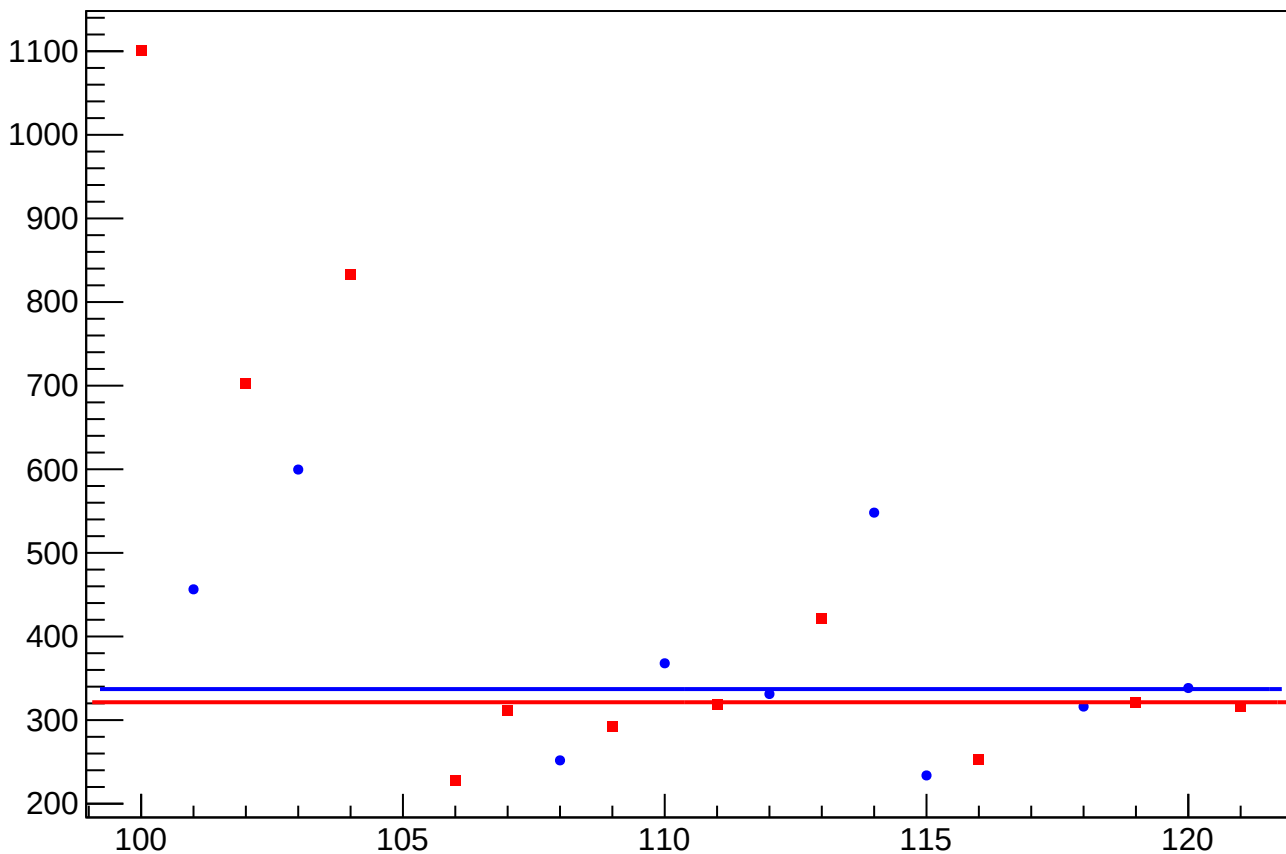
asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.120+/-0.126 χ^2/NDF : 27.5/19
 In: 0.093+/-0.187 χ^2/NDF :4.7/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.120+/-0.126 χ^2/NDF : 27.5/19

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.347+/-0.121 χ^2/NDF : 788592.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

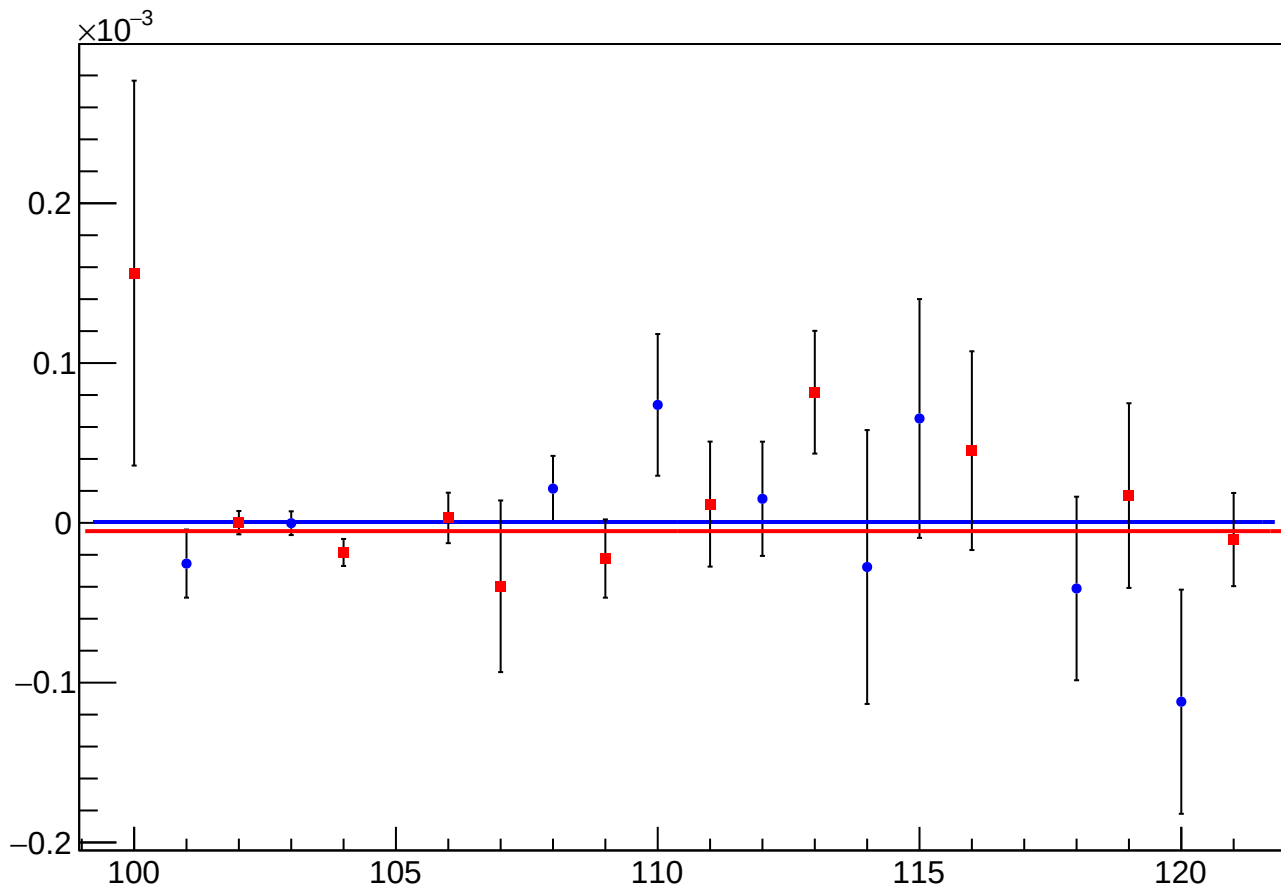
Right: 328.523+/-0.089 χ^2/NDF : 1270403.6/19

In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.523+/-0.089 χ^2/NDF : 1270403.6/19

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

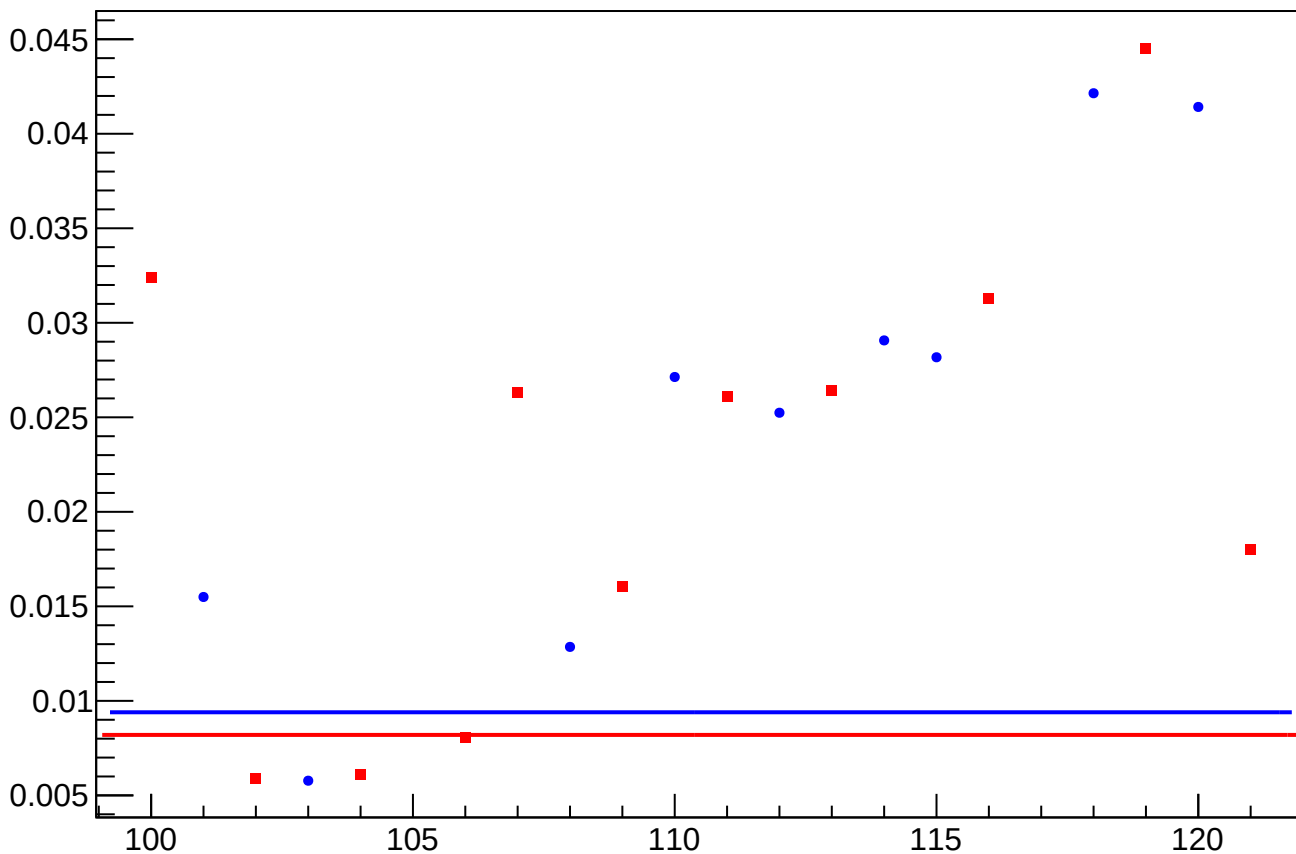
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/19

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2707660.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3003231.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

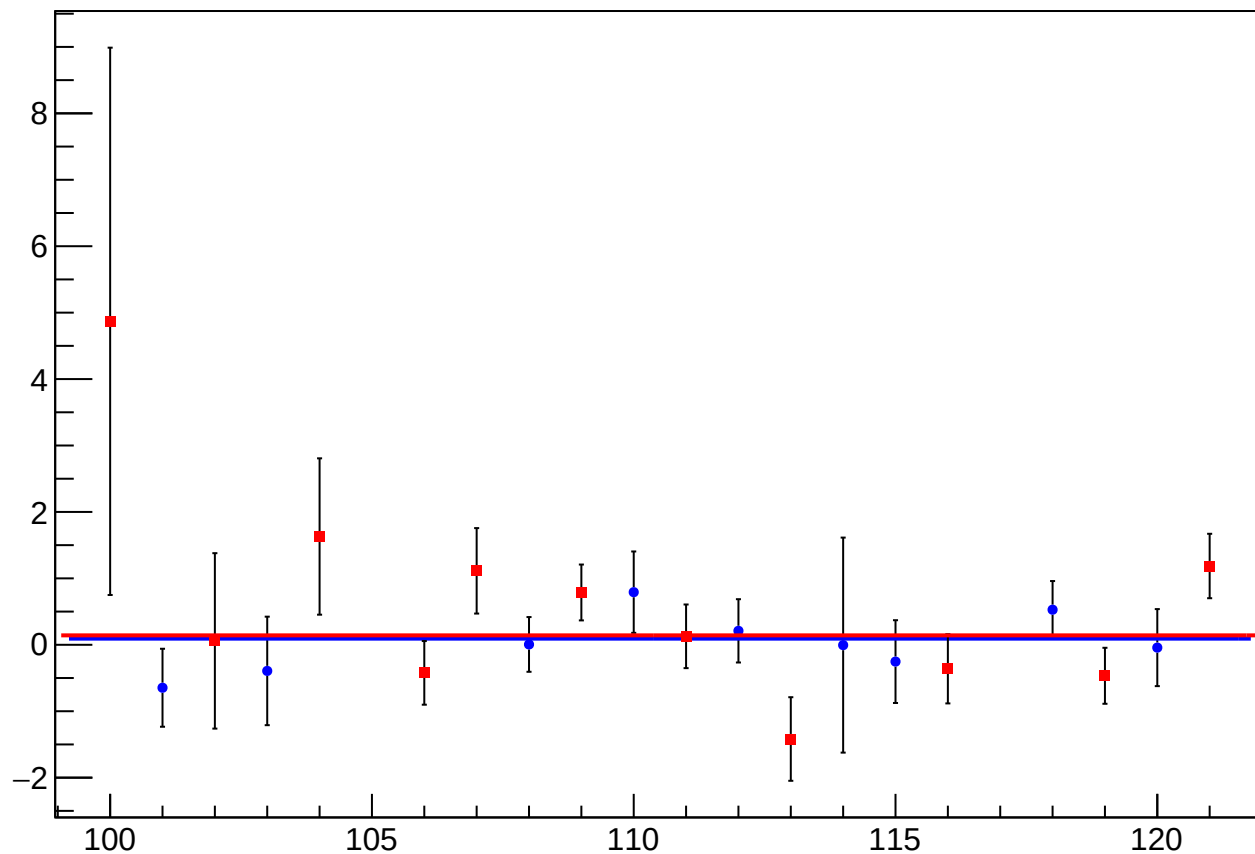
Right: 0.009+/-0.000 χ^2/NDF : 5755568.6/19

In: 0.009+/-0.000 χ^2/NDF : 2707660.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 5755568.6/19

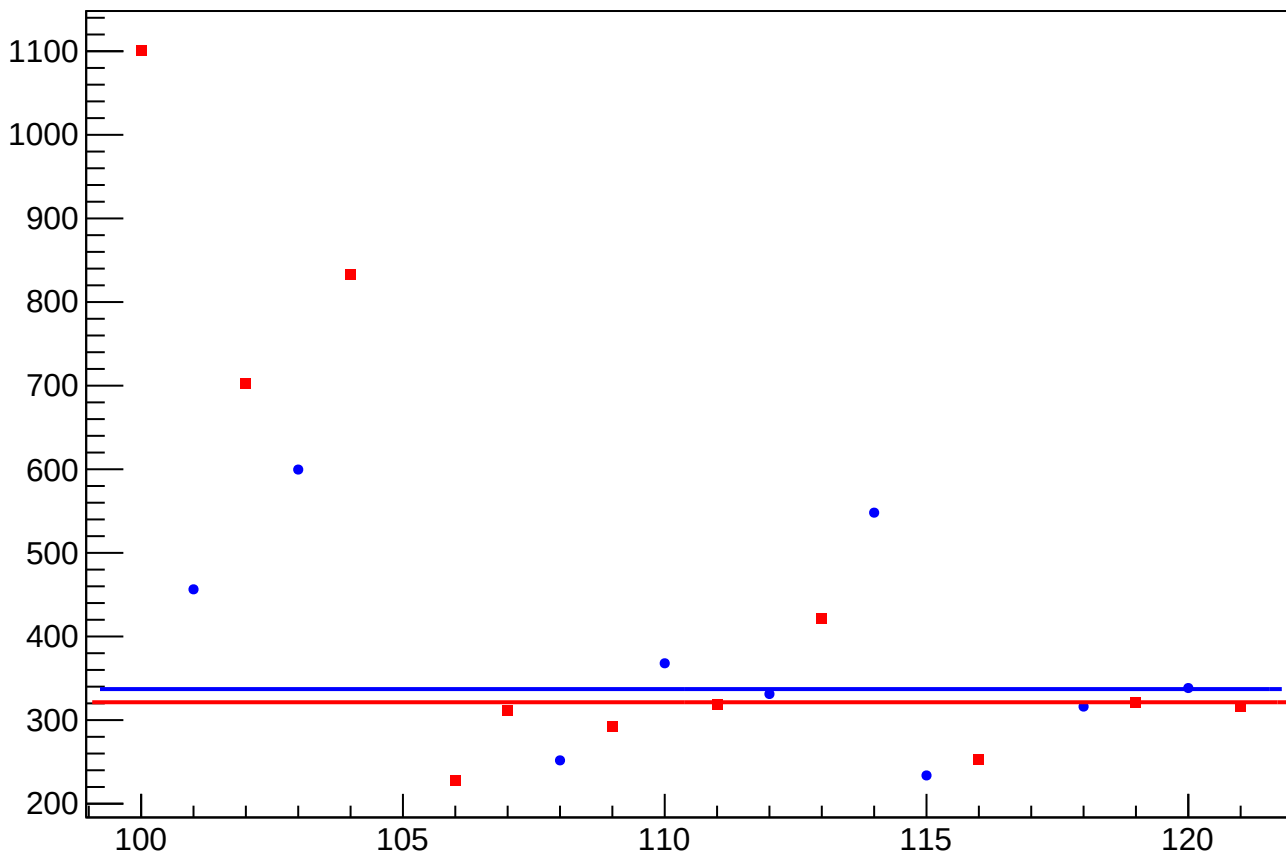
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.120+/-0.126 χ^2/NDF : 27.5/19
 In: 0.093+/-0.187 χ^2/NDF :4.7/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.120+/-0.126 χ^2/NDF : 27.5/19

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.348+/-0.121 χ^2/NDF : 788574.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

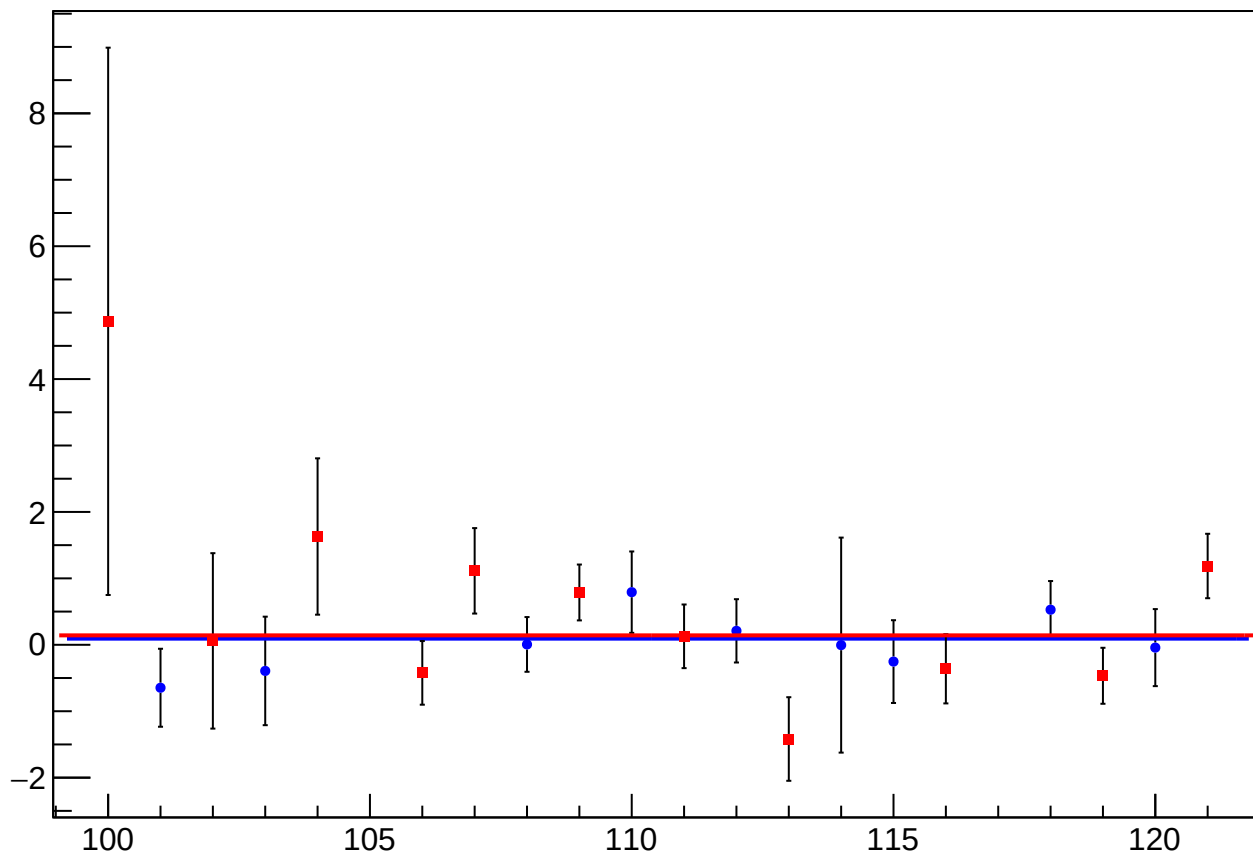
Right: 328.524+/-0.089 χ^2/NDF : 1270366.0/19

In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.524+/-0.089 χ^2/NDF : 1270366.0/19

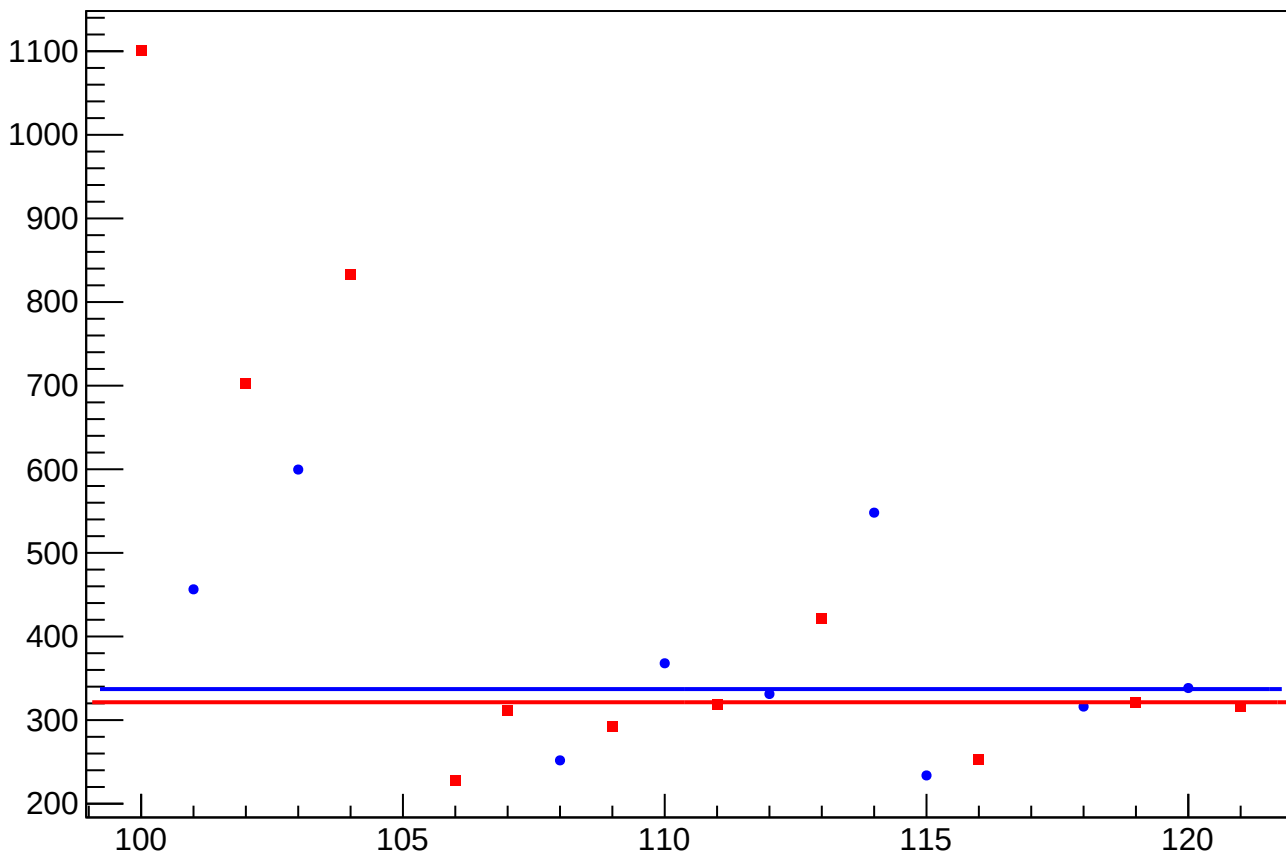
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.120+/-0.126 χ^2/NDF : 27.5/19
 In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.120+/-0.126 χ^2/NDF : 27.5/19

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.348+/-0.121 χ^2/NDF : 788574.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

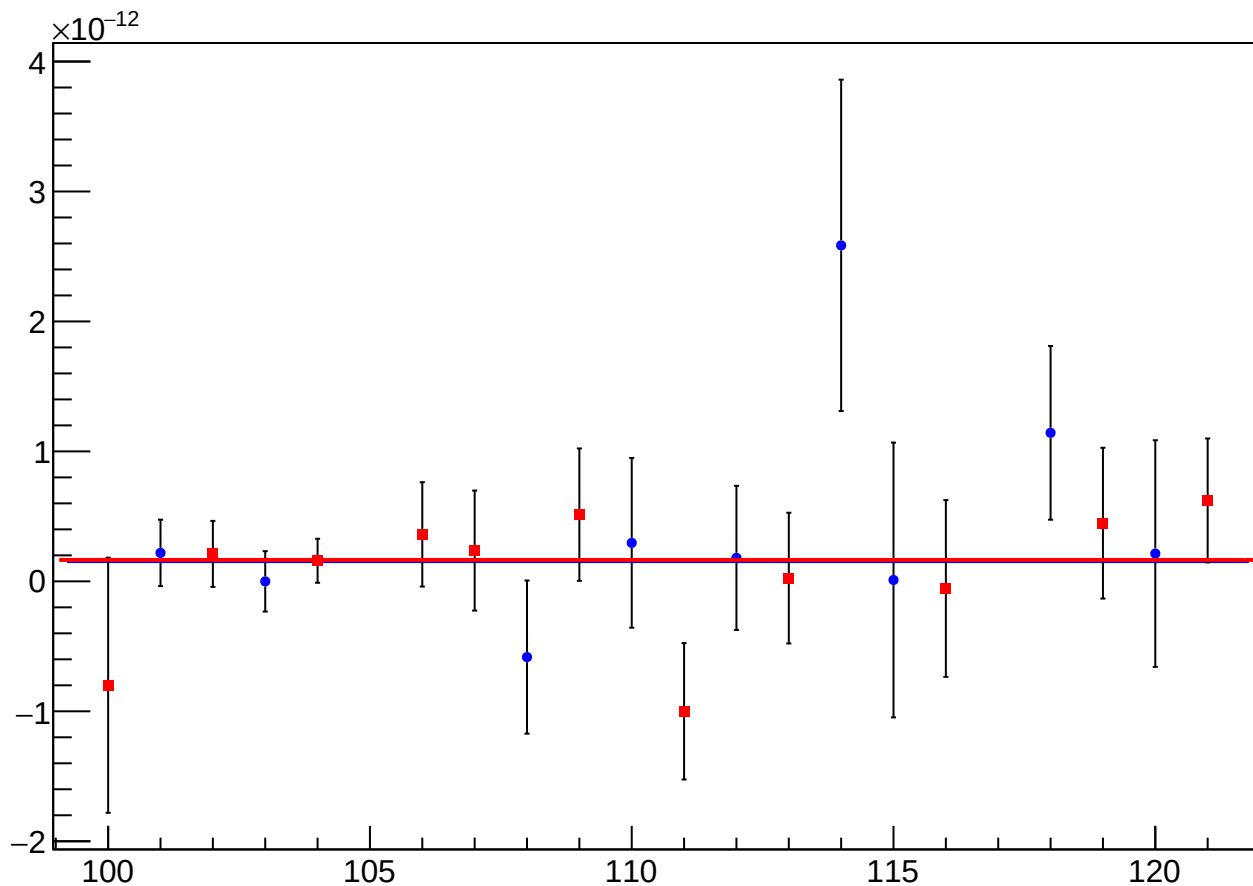
Right: 328.524+/-0.089 χ^2/NDF : 1270366.0/19

In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.524+/-0.089 χ^2/NDF : 1270366.0/19

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 : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

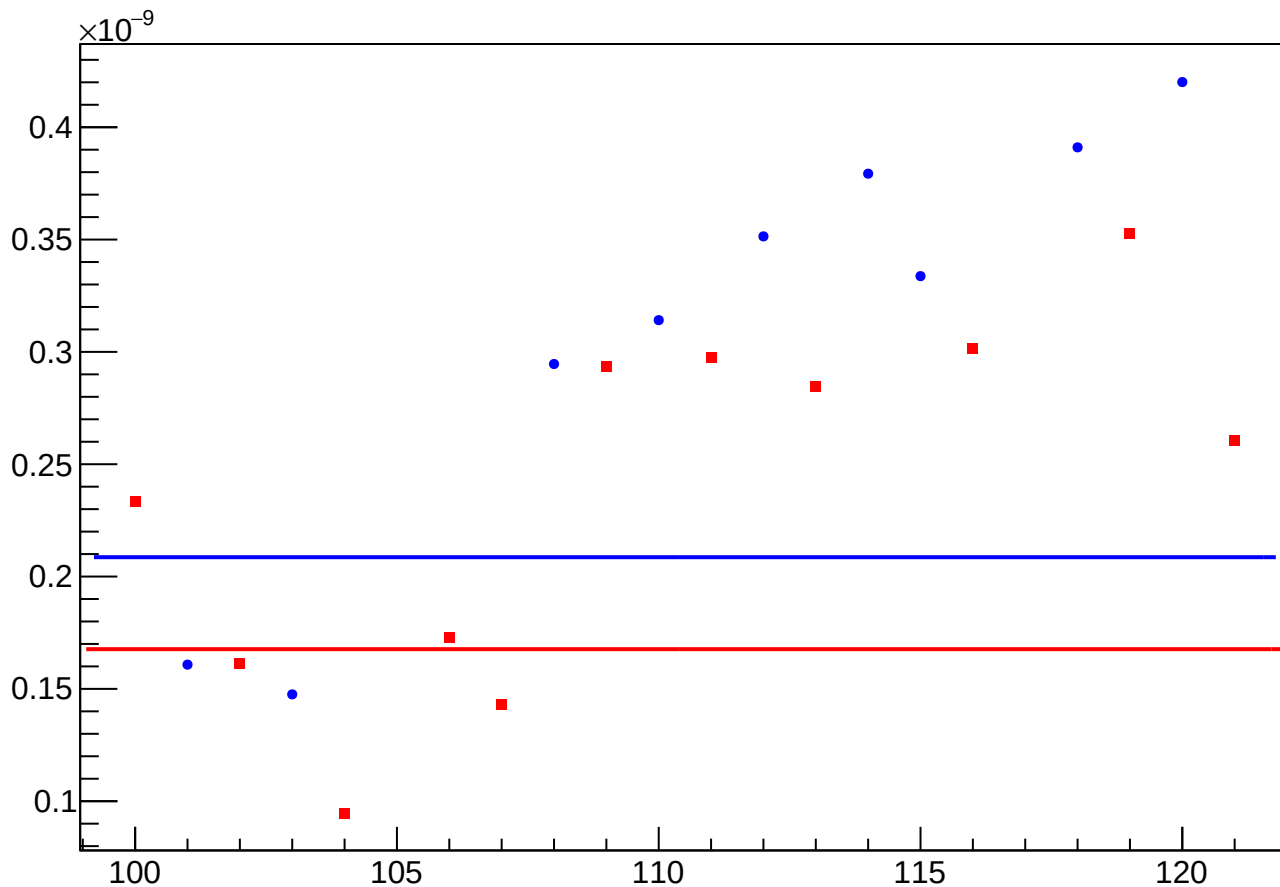
Right: 0.000+/-0.000 χ^2/NDF : 16.0/19

In: 0.000+/-0.000 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/19

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 : 766187.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1098995.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

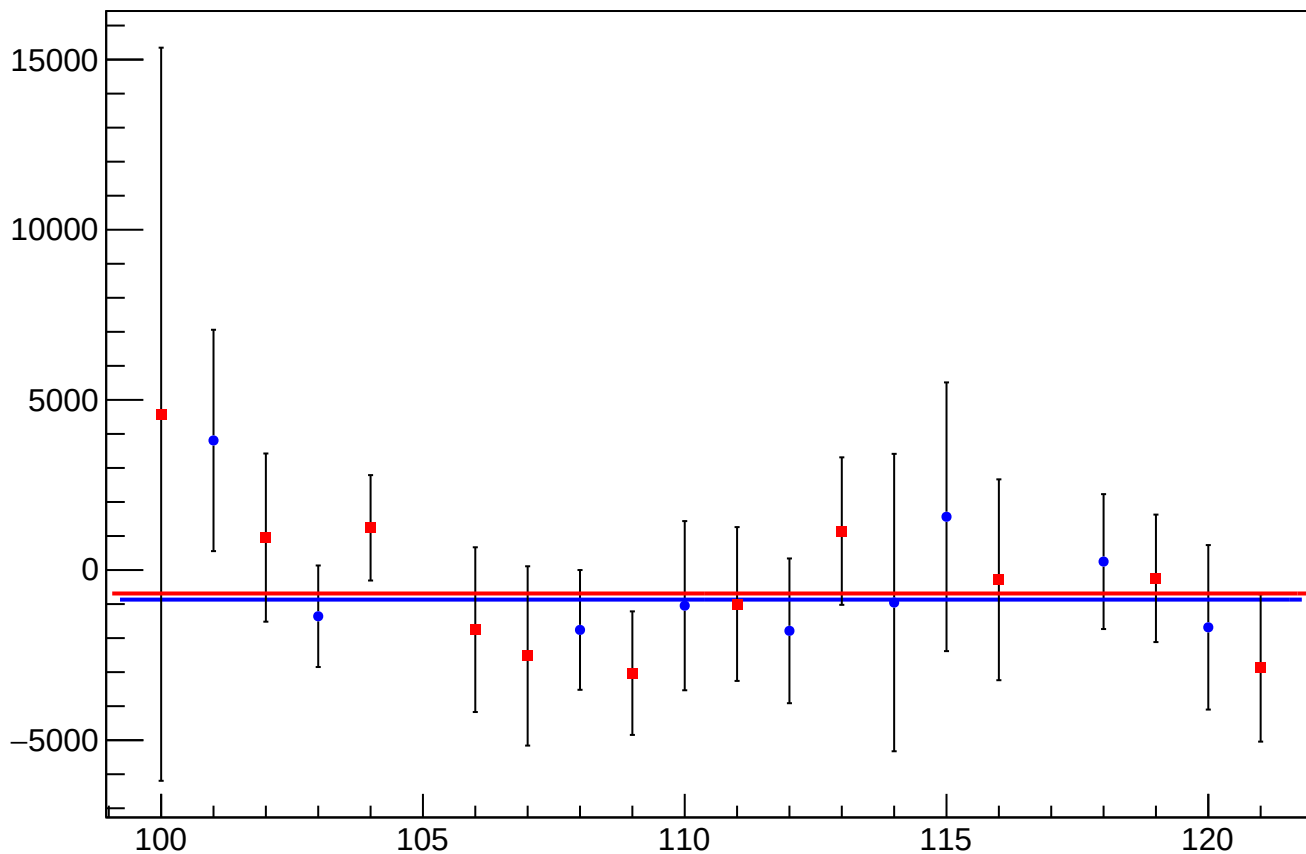
Right: 0.000+/-0.000 χ^2/NDF : 1966392.0/19

In: 0.000+/-0.000 χ^2/NDF : 766187.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1966392.0/19

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -868.855+/-747.038 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -688.989+/-669.767 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

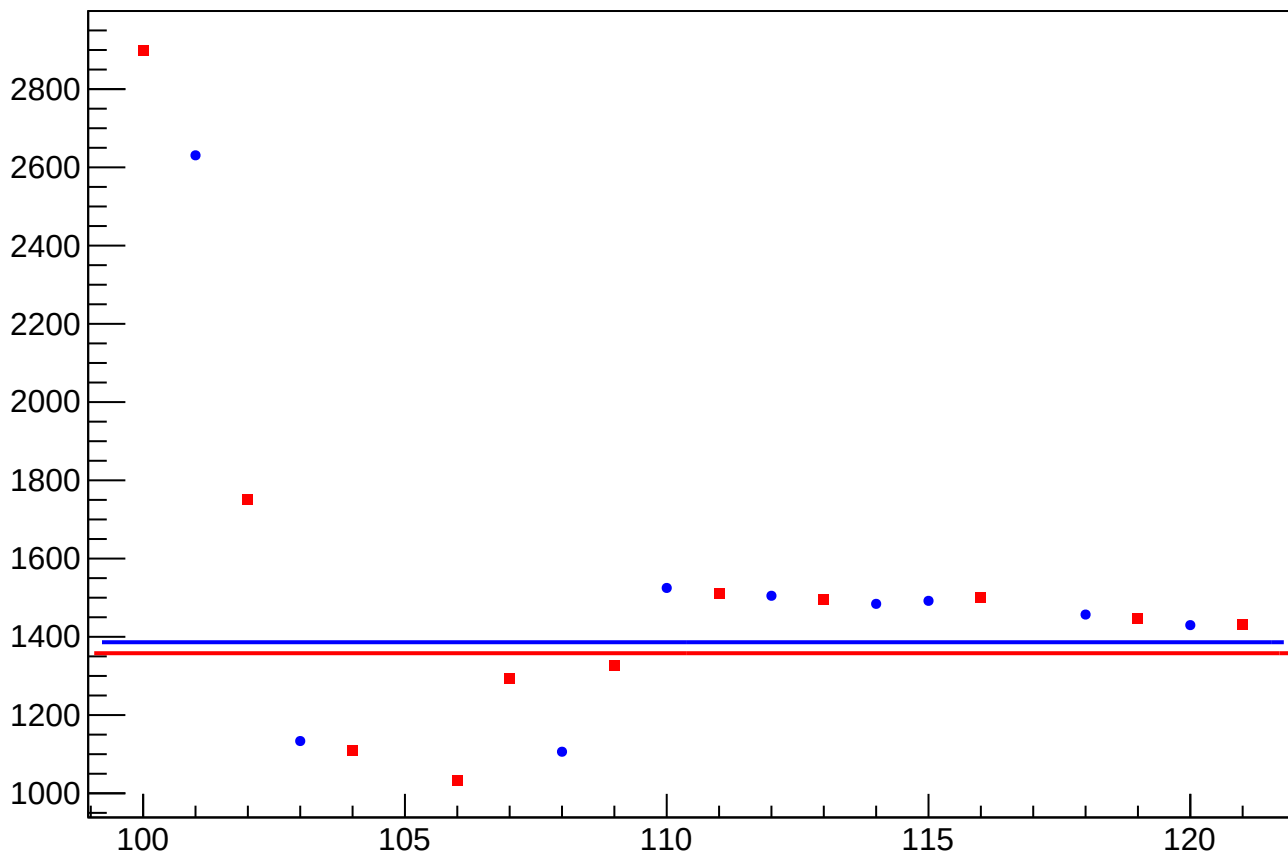
Right: -769.141+/-498.685 χ^2/NDF : 9.9/19

In: -868.855+/-747.038 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.141+/-498.685 χ^2/NDF : 9.9/19

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1386.155+/-0.528 χ^2/NDF : 418920.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.088+/-0.468 χ^2/NDF : 219559.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

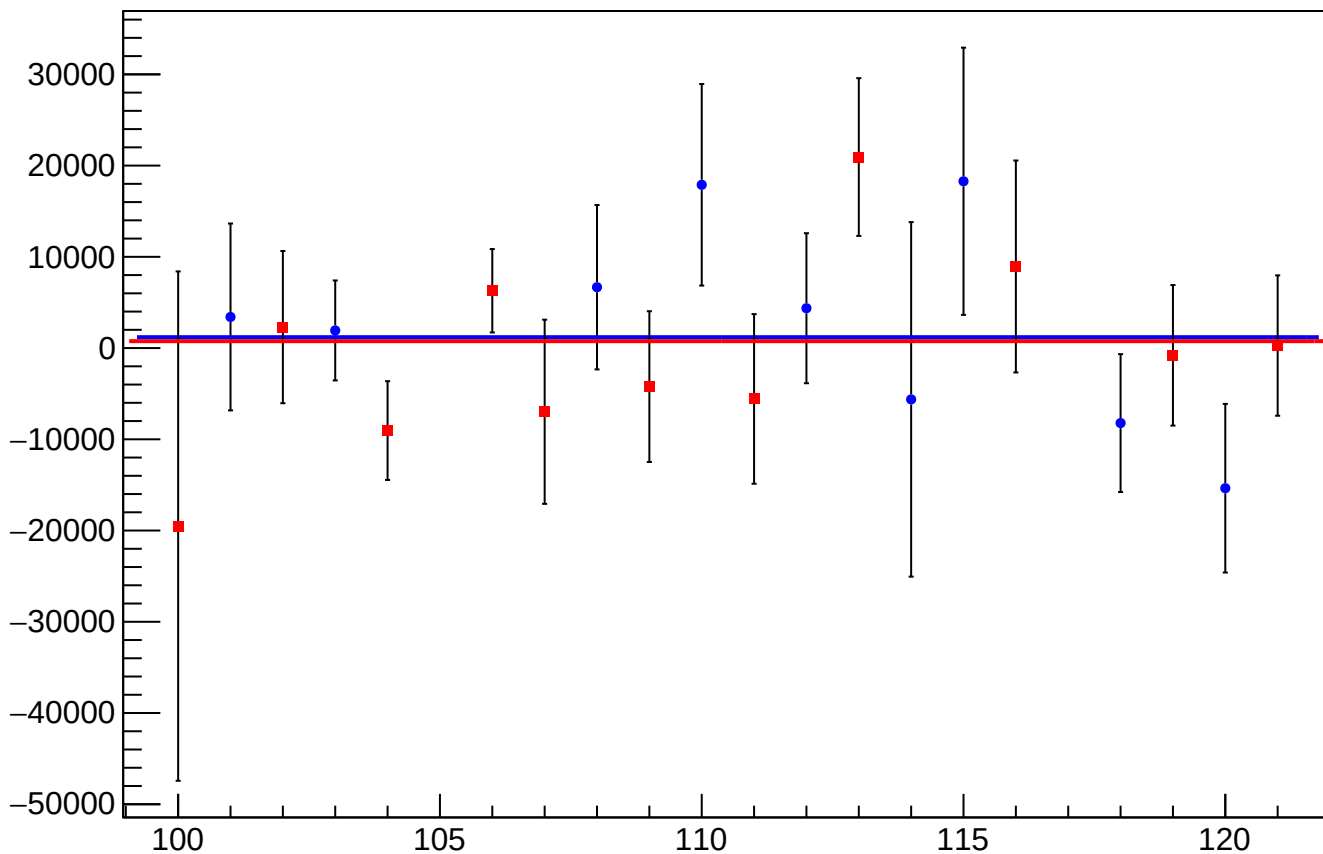
Right: 1370.442+/-0.350 χ^2/NDF : 640060.0/19

In: 1386.155+/-0.528 χ^2/NDF : 418920.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.442+/-0.350 χ^2/NDF : 640060.0/19

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1192.990 $\pm$ 2952.893 χ^2 /NDF: 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 757.887 $\pm$ 2304.979 χ^2 /NDF: 12.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

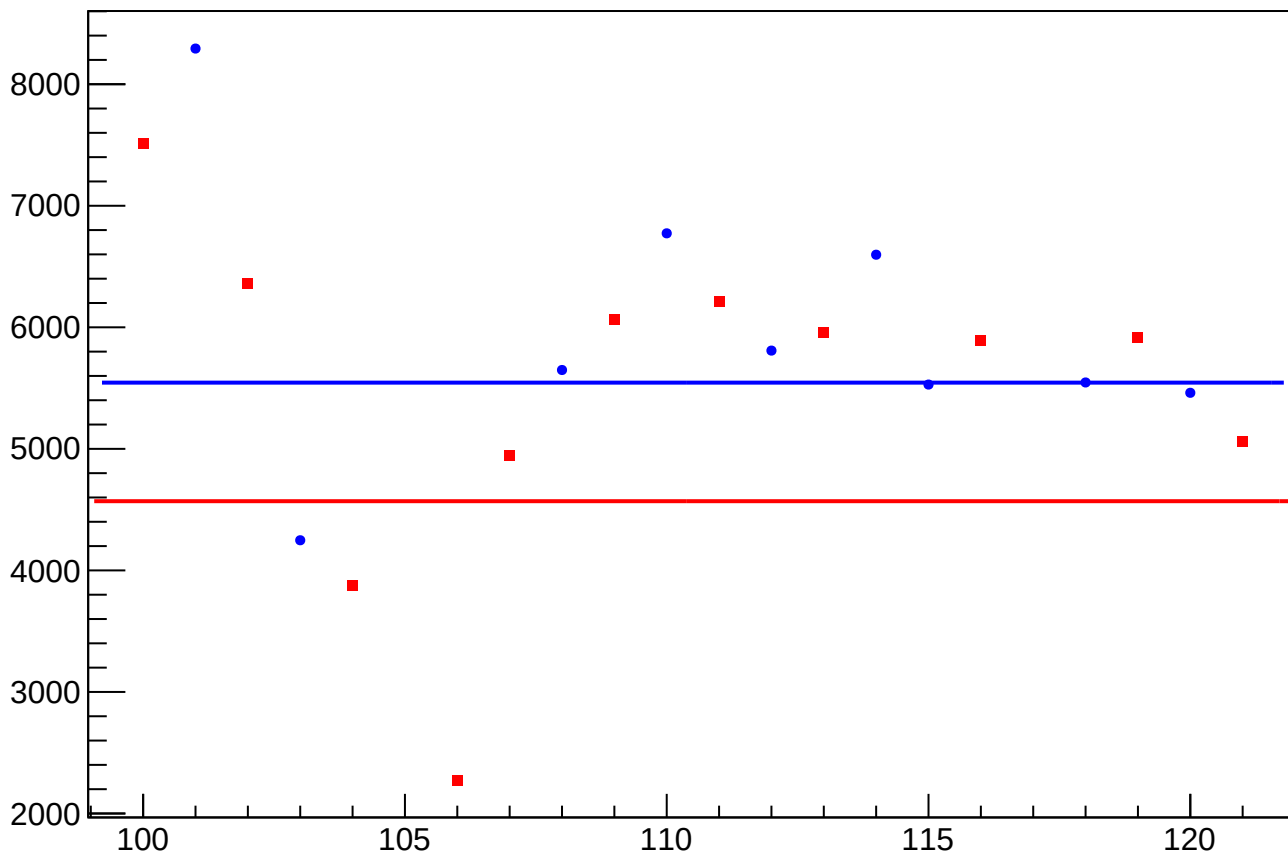
Right: 922.624 $\pm$ 1816.967 χ^2 /NDF: 21.8/19

In: 1192.990 $\pm$ 2952.893 χ^2 /NDF:9.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 922.624 $\pm$ 1816.967 χ^2 /NDF: 21.8/19

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5544.859+/-2.088 χ^2/NDF : 289186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4569.427+/-1.630 χ^2/NDF : 929114.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

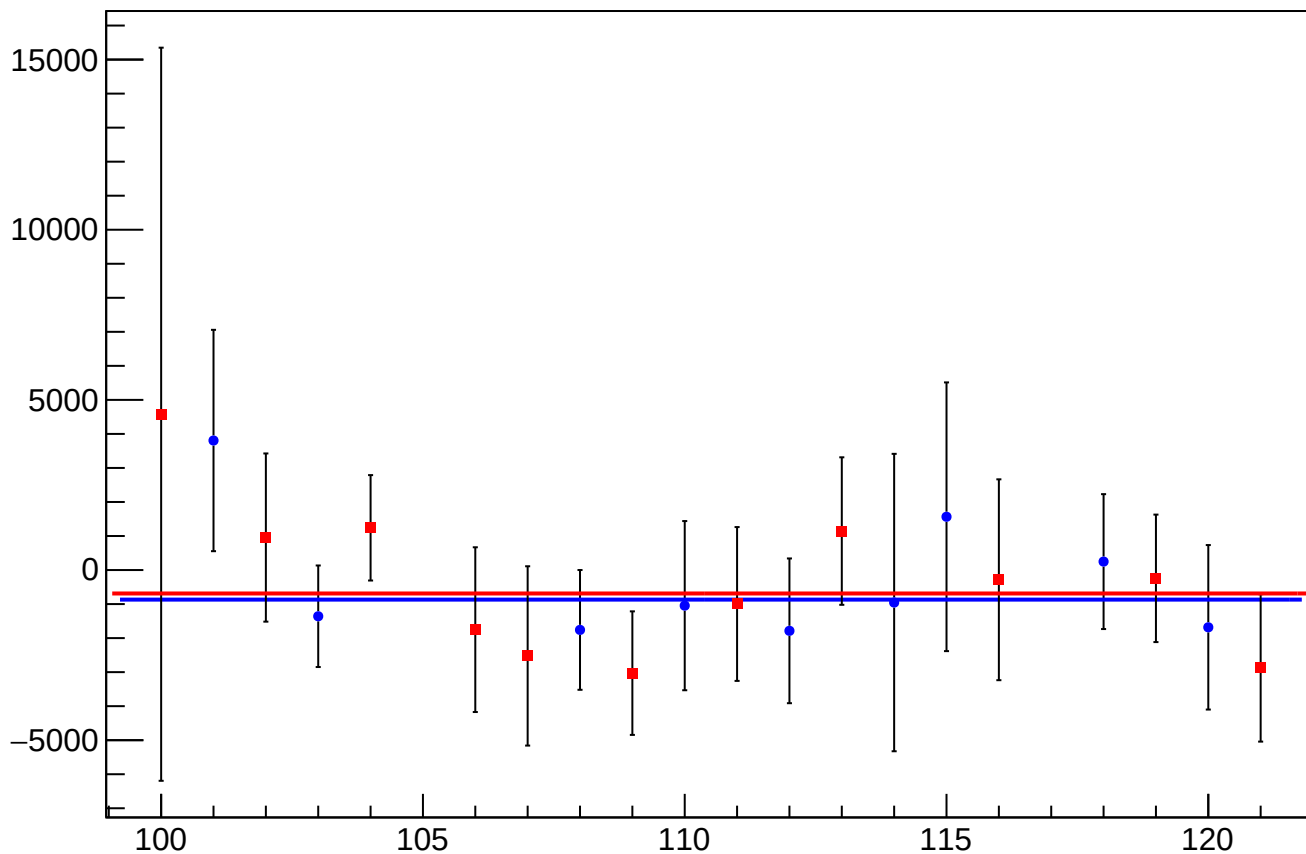
Right: 4938.741+/-1.285 χ^2/NDF : 1353909.8/19

In: 5544.859+/-2.088 χ^2/NDF : 289186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4938.741+/-1.285 χ^2/NDF : 1353909.8/19

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -868.950+/-747.038 χ^2 /NDF: 3.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -688.768+/-669.767 χ^2 /NDF: 6.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

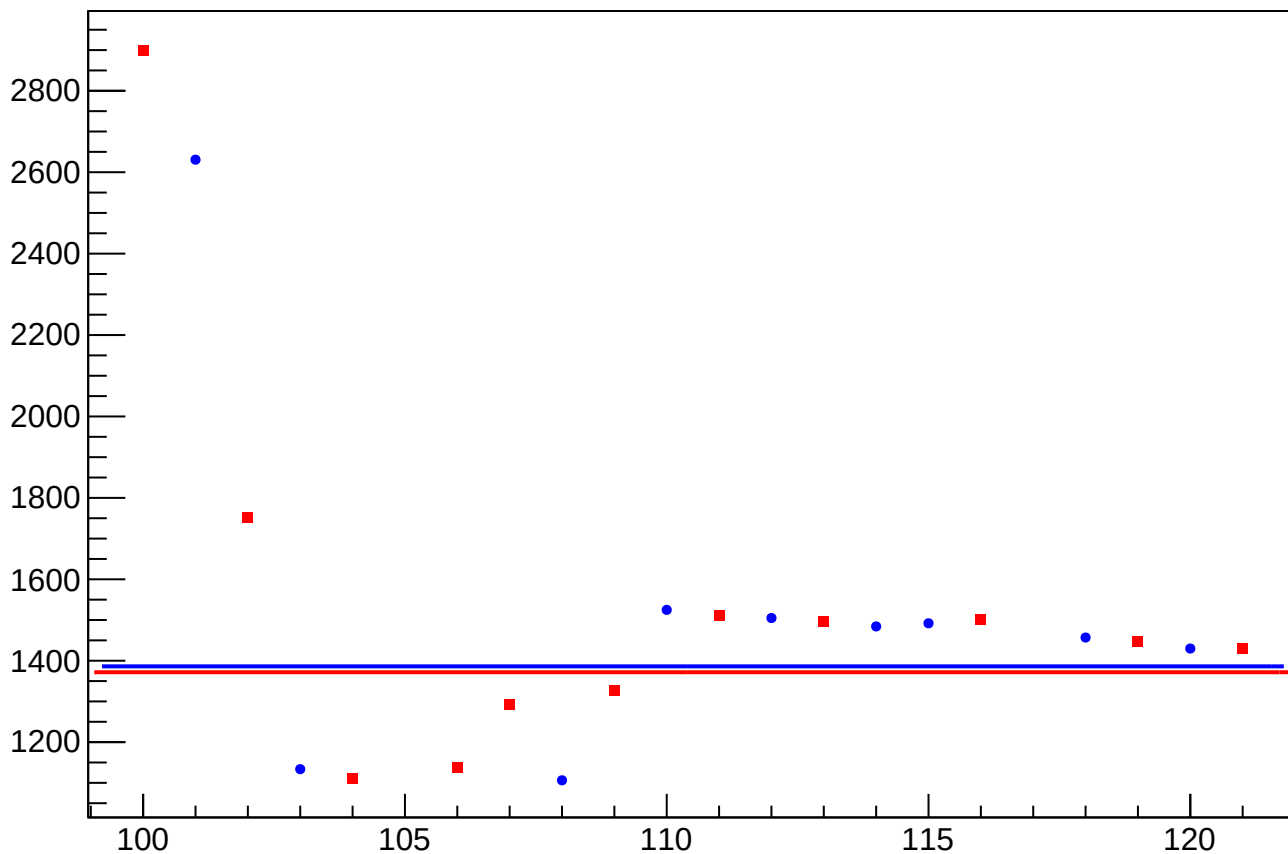
Right: -769.061+/-498.685 χ^2 /NDF: 9.9/19

In: -868.950+/-747.038 χ^2 /NDF:3.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -769.061+/-498.685 χ^2 /NDF: 9.9/19

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1371.651+/-0.472 χ^2/NDF : 190453.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

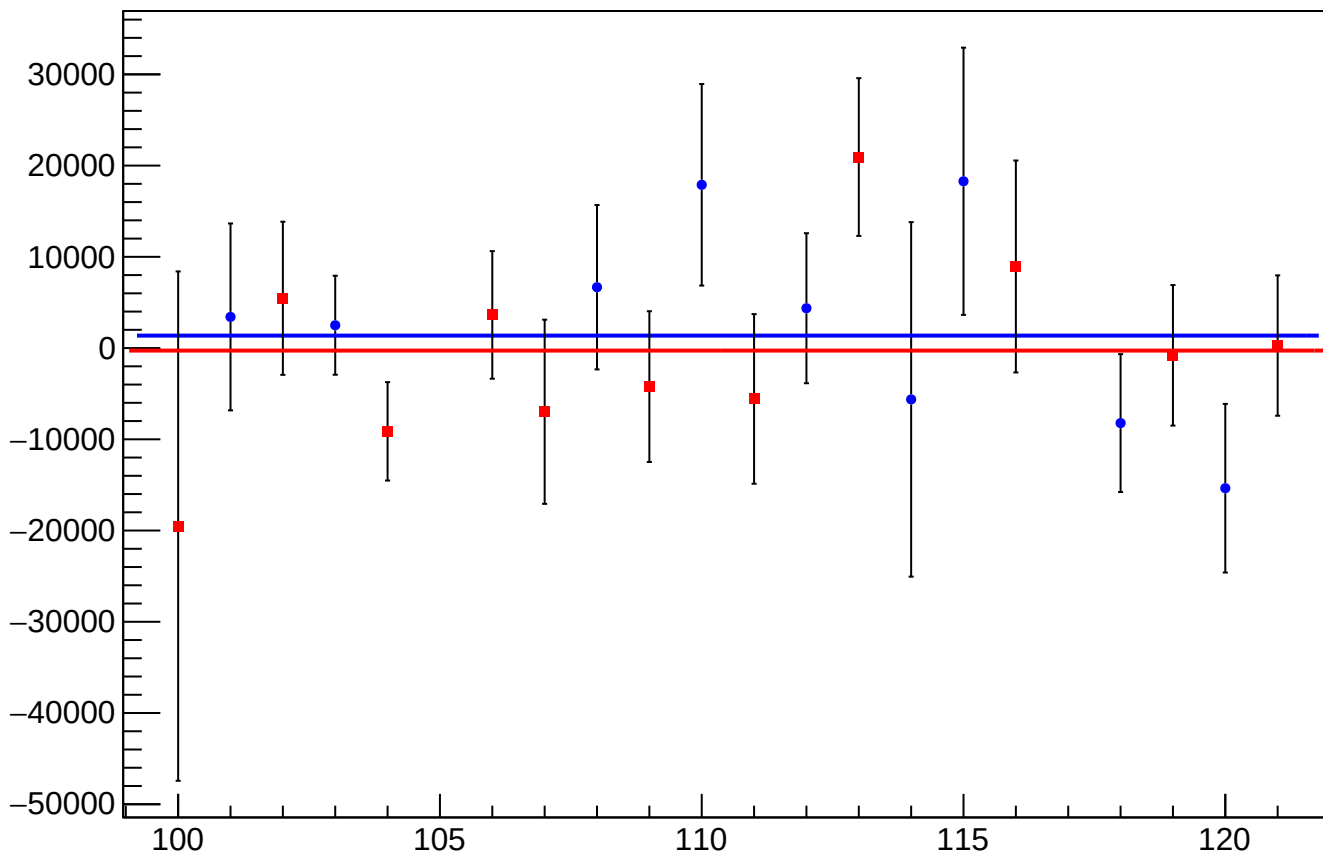
Right: 1378.090+/-0.352 χ^2/NDF : 609792.7/19

In: 1386.155+/-0.528 χ^2/NDF :418920.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1378.090+/-0.352 χ^2/NDF : 609792.7/19

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1365.782+/-2944.592 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -275.223+/-2493.214 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

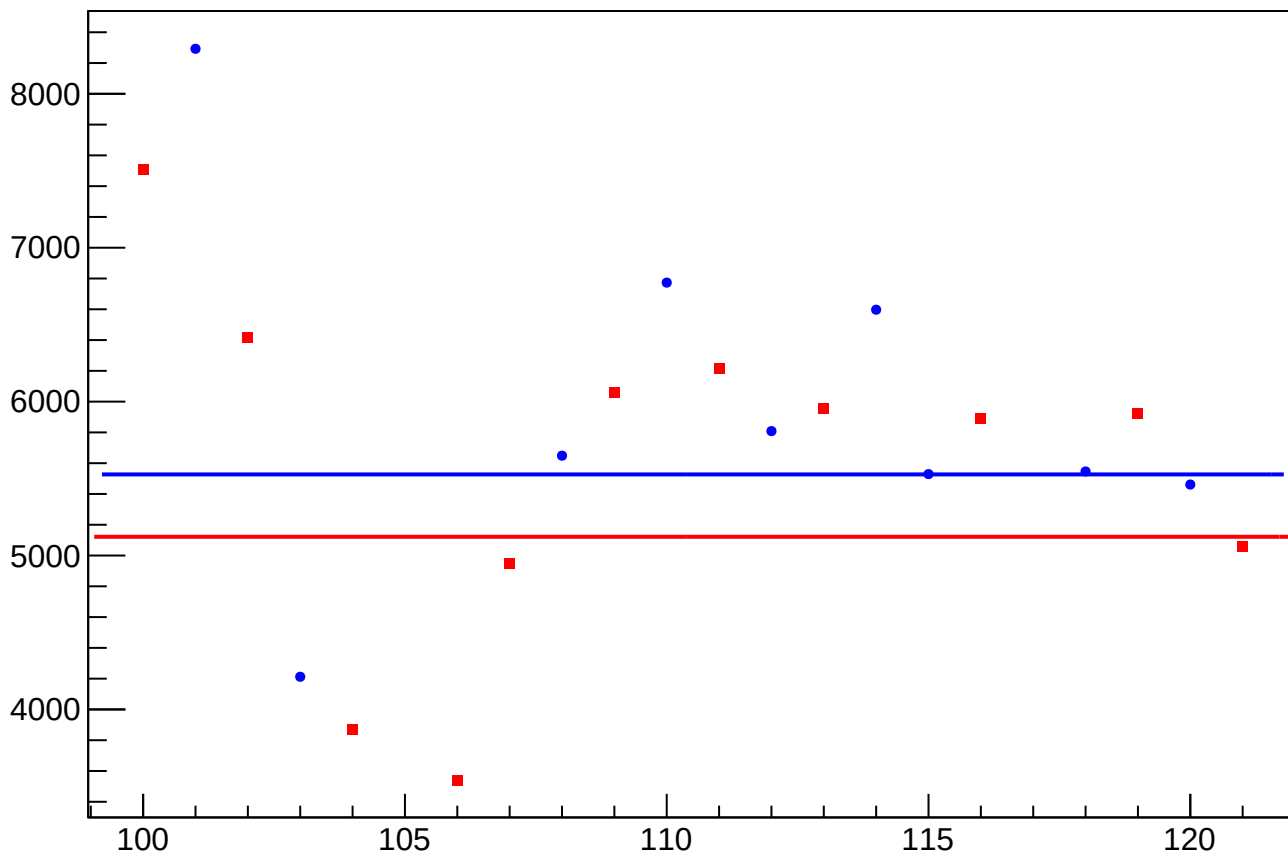
Right: 409.996+/-1902.764 χ^2/NDF : 20.9/19

In: 1365.782+/-2944.592 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.996+/-1902.764 χ^2/NDF : 20.9/19

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5121.777+/-1.763 χ^2/NDF : 375553.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

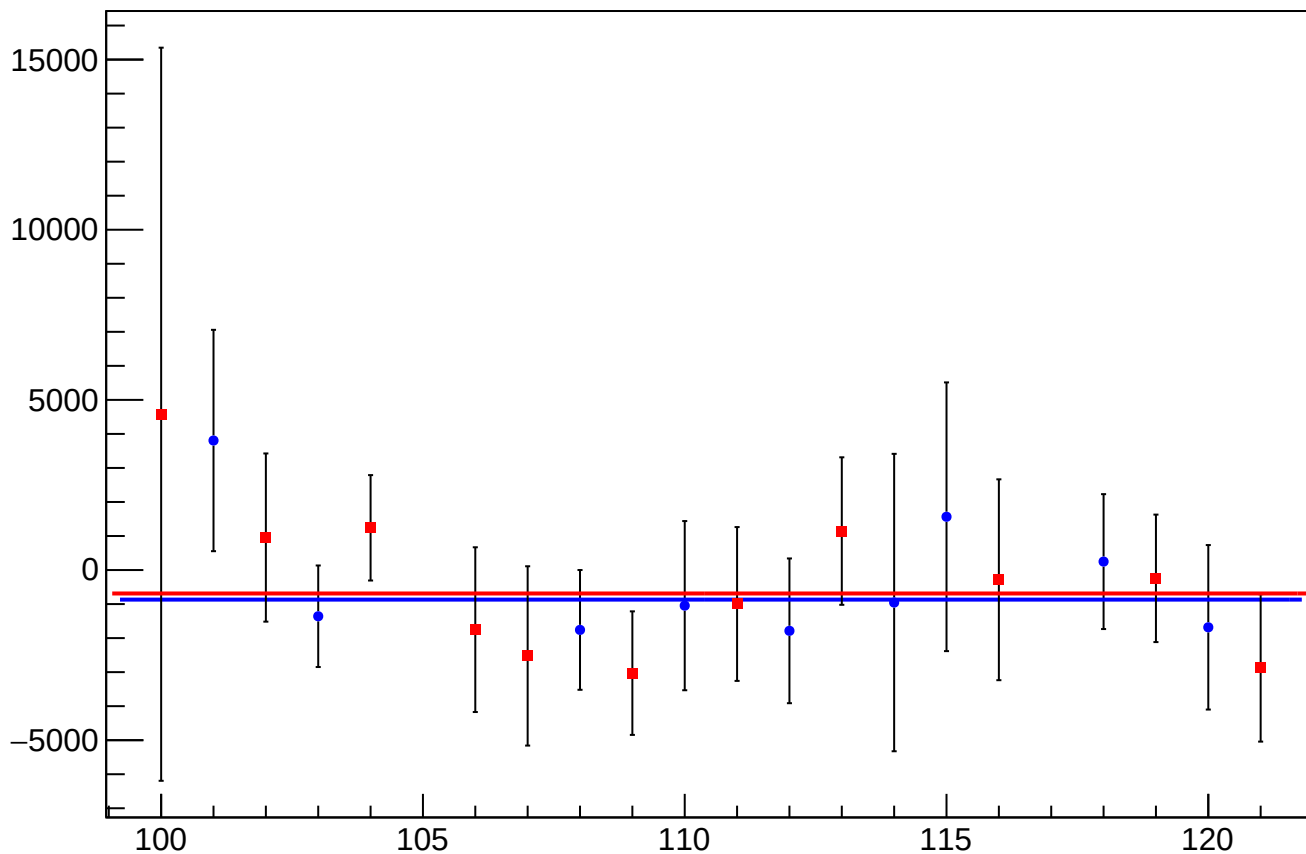
Right: 5290.998+/-1.345 χ^2/NDF : 695230.0/19

In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5290.998+/-1.345 χ^2/NDF : 695230.0/19

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -868.950+/-747.038 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -688.768+/-669.767 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

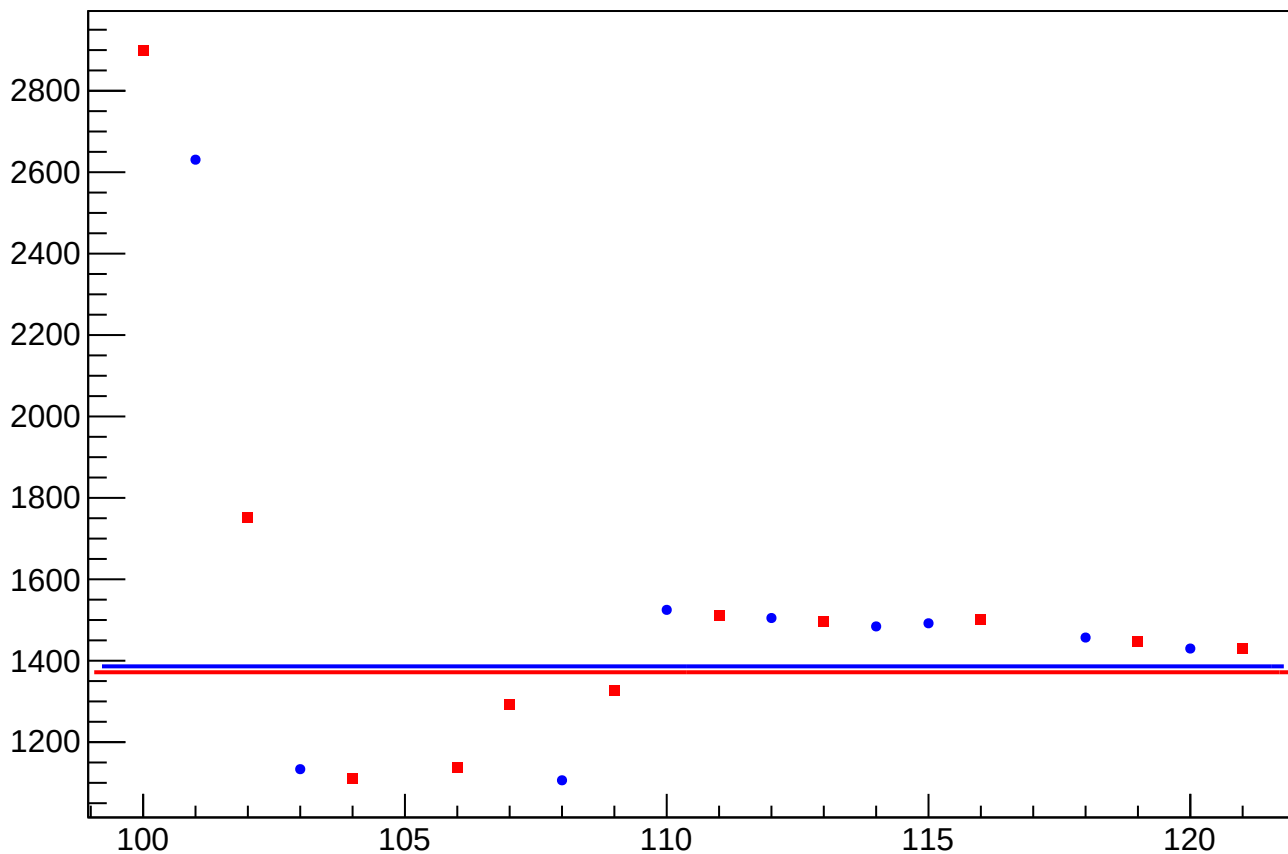
Right: -769.061+/-498.685 χ^2/NDF : 9.9/19

In: -868.950+/-747.038 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.061+/-498.685 χ^2/NDF : 9.9/19

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.651+/-0.472 χ^2/NDF : 190453.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

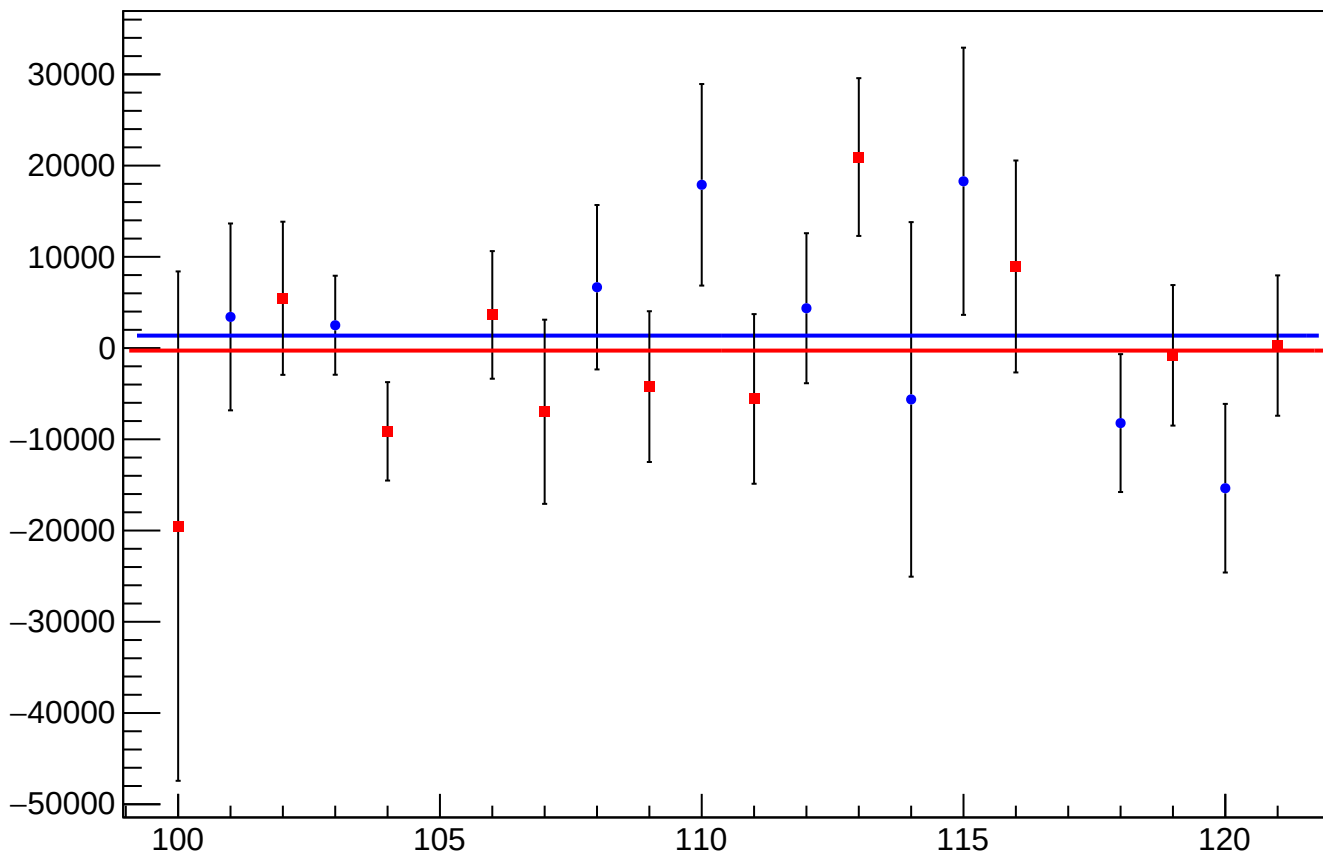
Right: 1378.090+/-0.352 χ^2/NDF : 609792.7/19

In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.090+/-0.352 χ^2/NDF : 609792.7/19

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1365.782 $\pm$ 2944.592 χ^2 /NDF: 9.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -275.223 $\pm$ 2493.214 χ^2 /NDF: 11.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

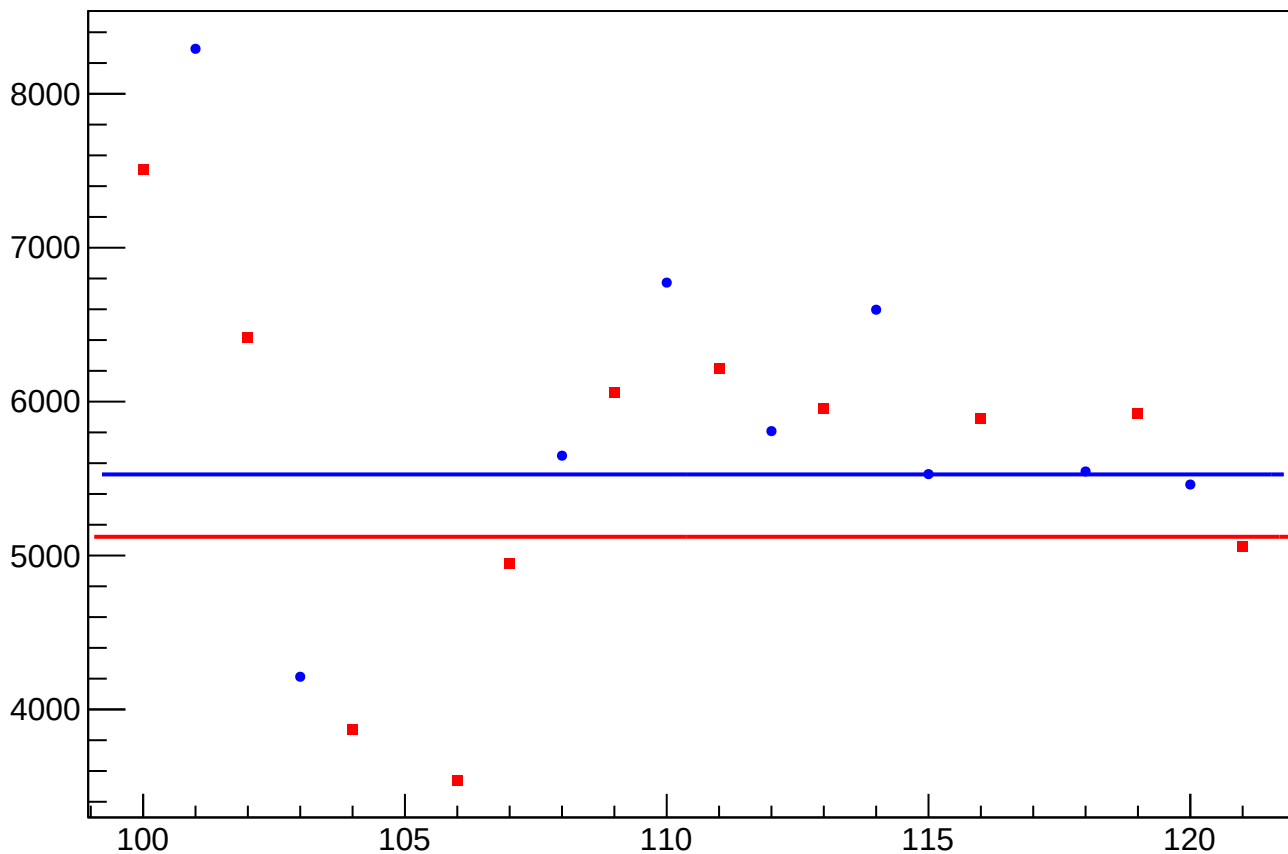
Right: 409.996 $\pm$ 1902.764 χ^2 /NDF: 20.9/19

In: 1365.782 $\pm$ 2944.592 χ^2 /NDF:9.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 409.996 $\pm$ 1902.764 χ^2 /NDF: 20.9/19

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5121.777+/-1.763 χ^2/NDF : 375553.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

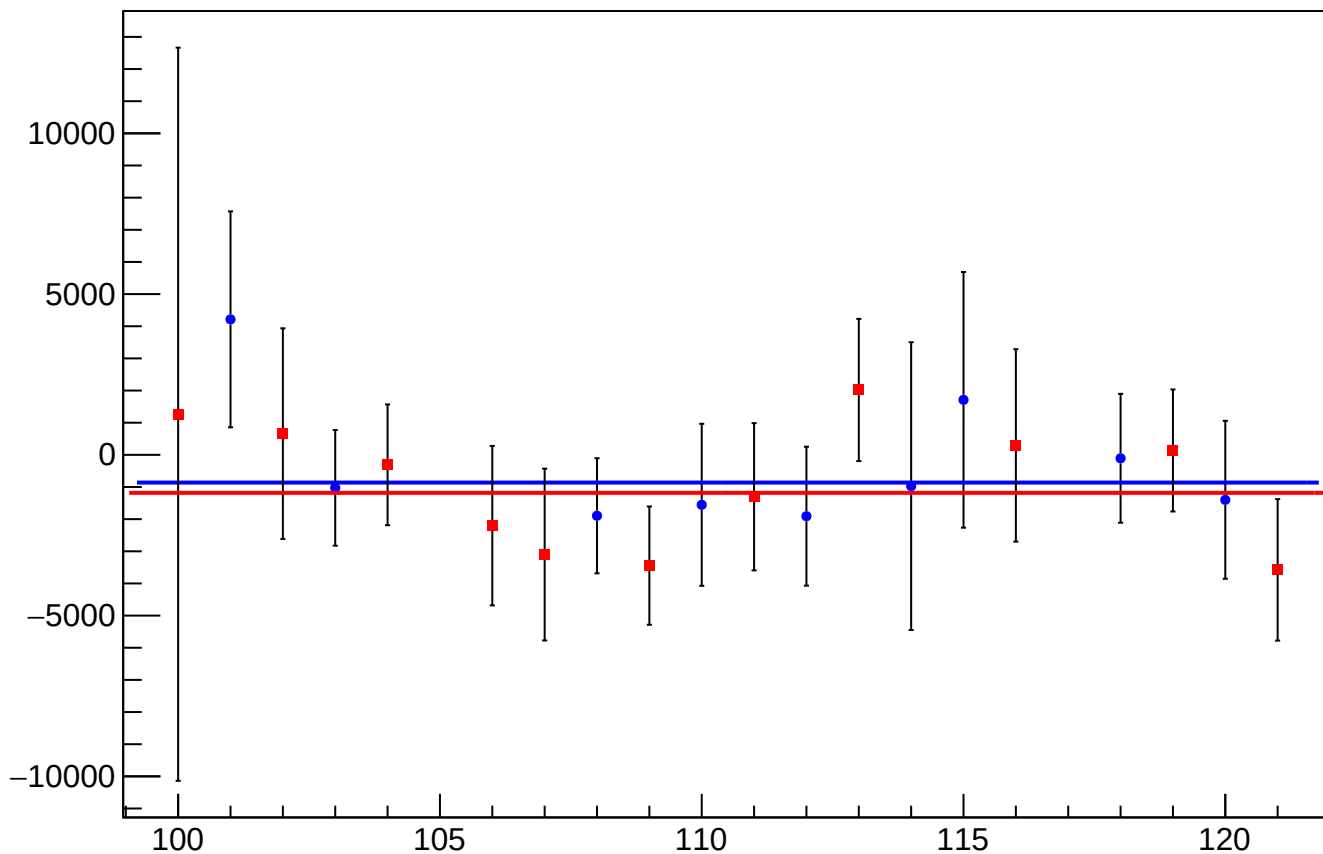
Right: 5290.998+/-1.345 χ^2/NDF : 695230.0/19

In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5290.998+/-1.345 χ^2/NDF : 695230.0/19

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -861.924+/-788.323 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1181.705+/-711.787 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

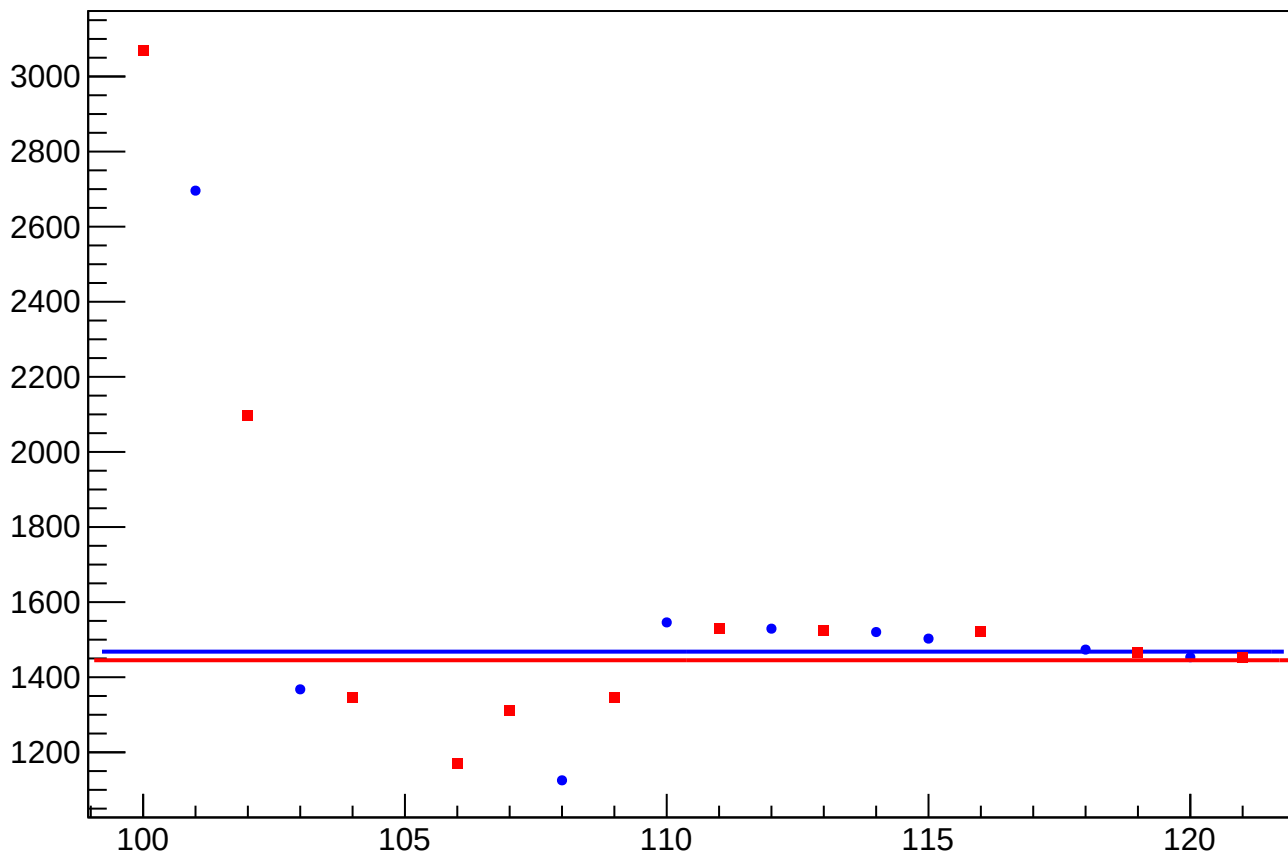
Right: -1038.088+/-528.301 χ^2/NDF : 10.4/19

In: -861.924+/-788.323 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1038.088+/-528.301 χ^2/NDF : 10.4/19

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1468.111+/-0.557 χ^2/NDF : 350975.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.200+/-0.503 χ^2/NDF : 167843.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

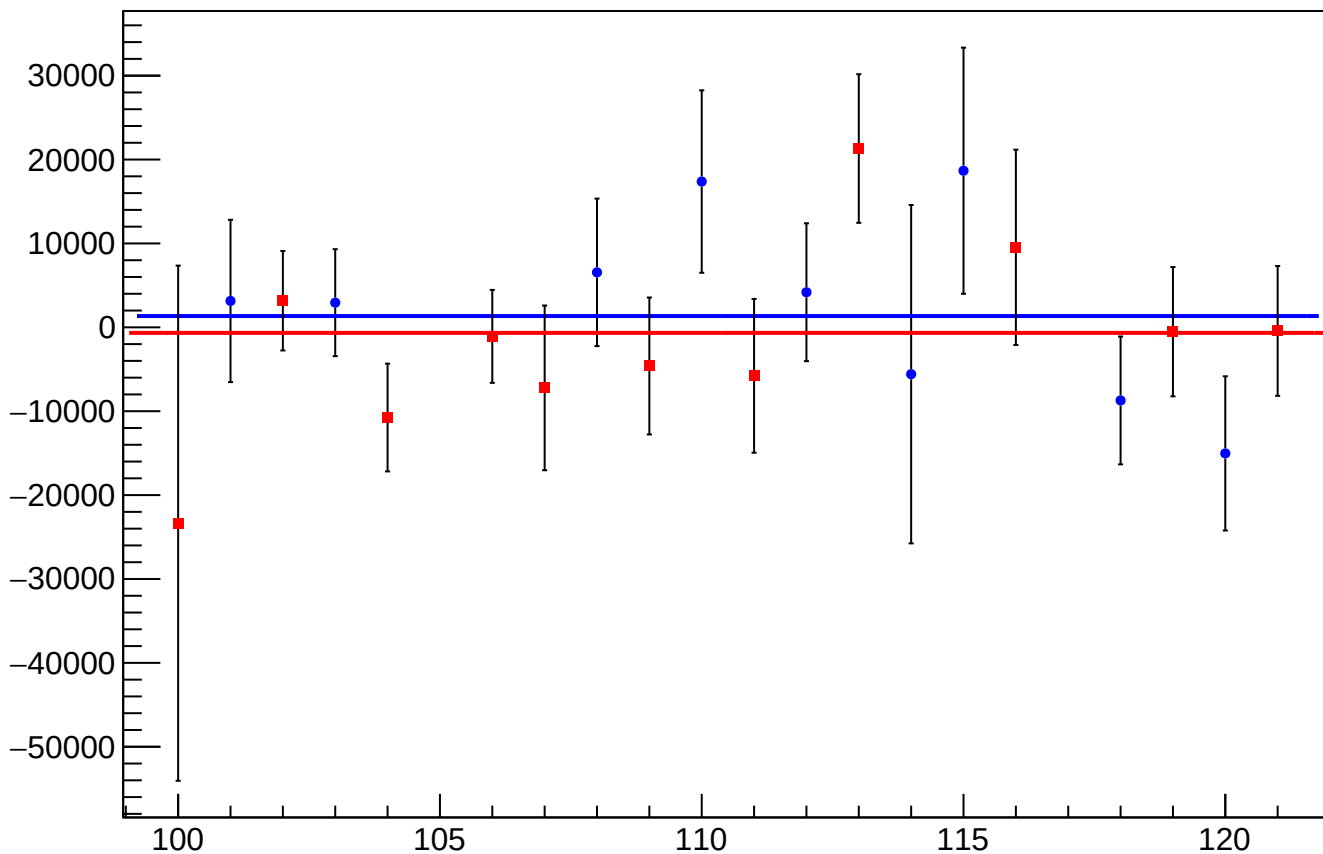
Right: 1455.485+/-0.373 χ^2/NDF : 519750.4/19

In: 1468.111+/-0.557 χ^2/NDF : 350975.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.485+/-0.373 χ^2/NDF : 519750.4/19

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1344.703+/-3047.970 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -661.791+/-2375.166 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

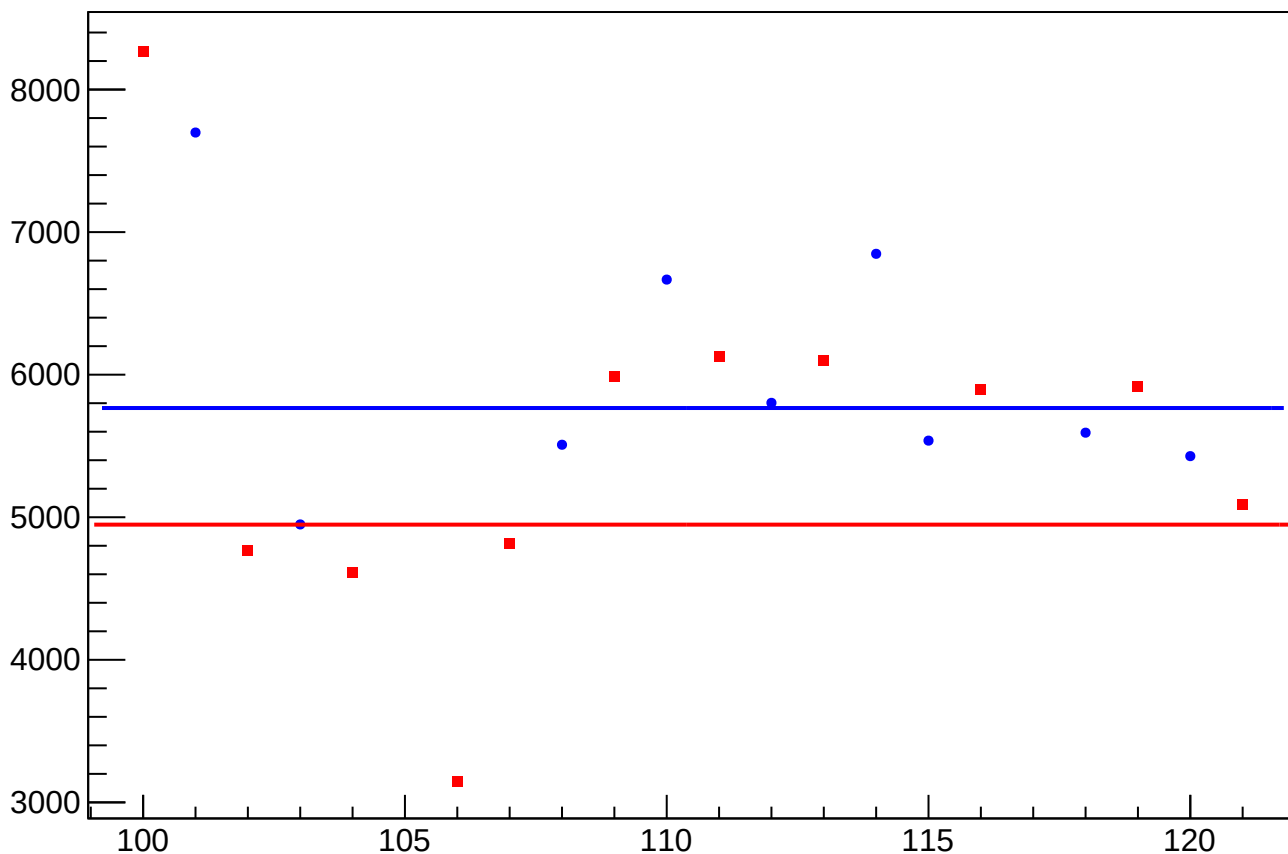
Right: 96.300+/-1873.494 χ^2/NDF : 20.8/19

In: 1344.703+/-3047.970 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.300+/-1873.494 χ^2/NDF : 20.8/19

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5766.162+/-2.155 χ^2/NDF : 138014.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4948.169+/-1.679 χ^2/NDF : 387055.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

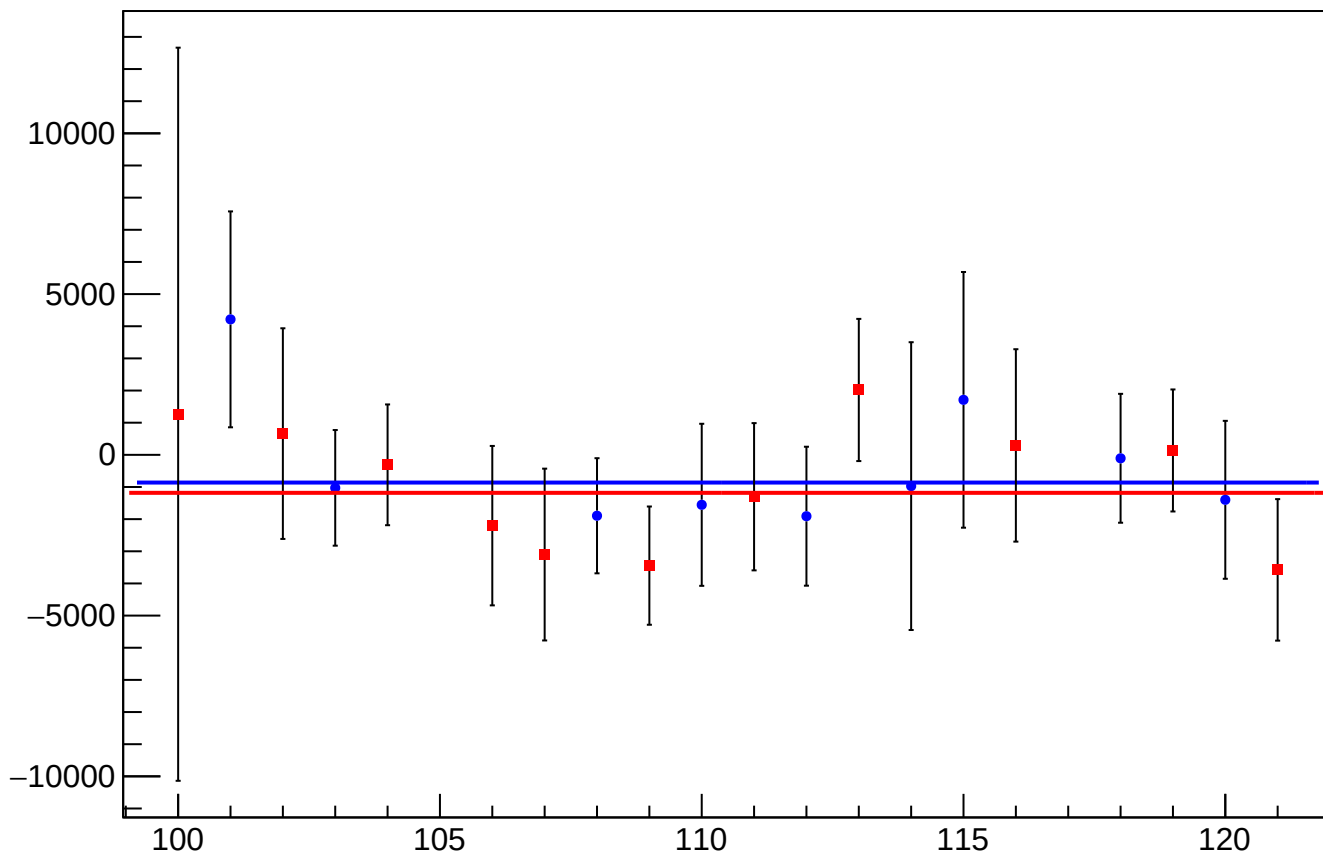
Right: 5257.222+/-1.325 χ^2/NDF : 614693.8/19

In: 5766.162+/-2.155 χ^2/NDF : 138014.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5257.222+/-1.325 χ^2/NDF : 614693.8/19

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -861.920+/-788.324 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1181.720+/-711.787 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

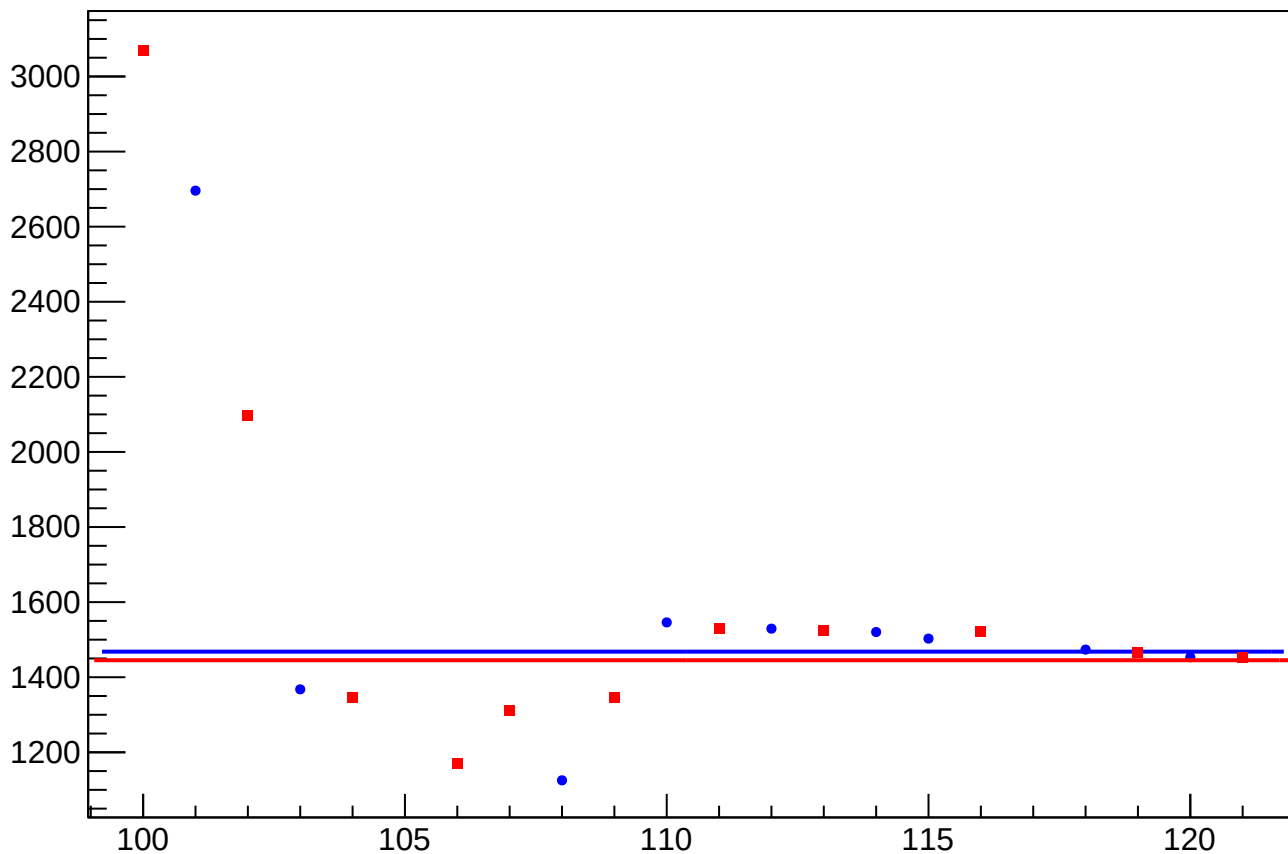
Right: -1038.094+/-528.301 χ^2/NDF : 10.4/19

In: -861.920+/-788.324 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1038.094+/-528.301 χ^2/NDF : 10.4/19

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1468.112+/-0.557 χ^2/NDF : 350975.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.201+/-0.503 χ^2/NDF : 167843.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

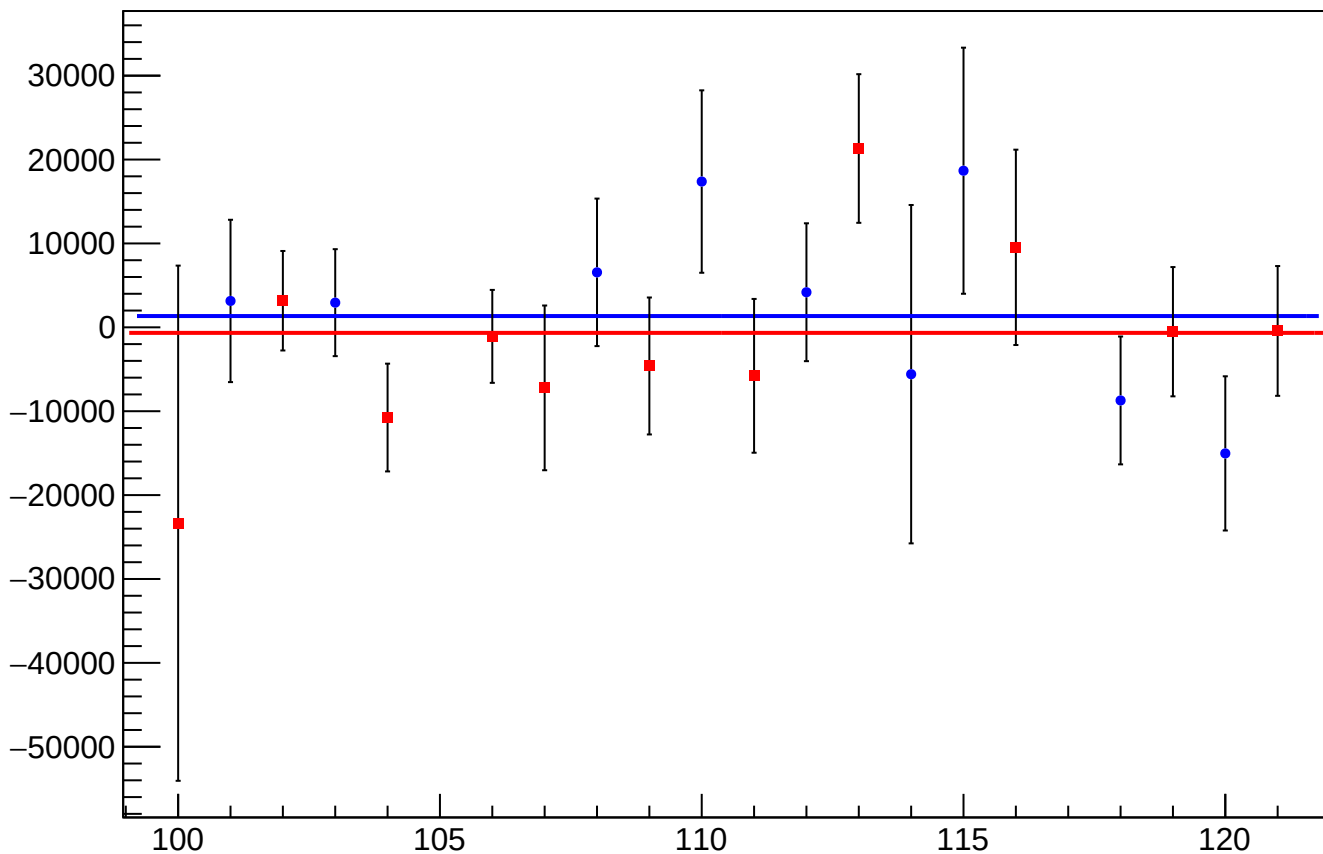
Right: 1455.485+/-0.373 χ^2/NDF : 519750.0/19

In: 1468.112+/-0.557 χ^2/NDF : 350975.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.485+/-0.373 χ^2/NDF : 519750.0/19

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1344.689+/-3047.963 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -661.797+/-2375.161 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

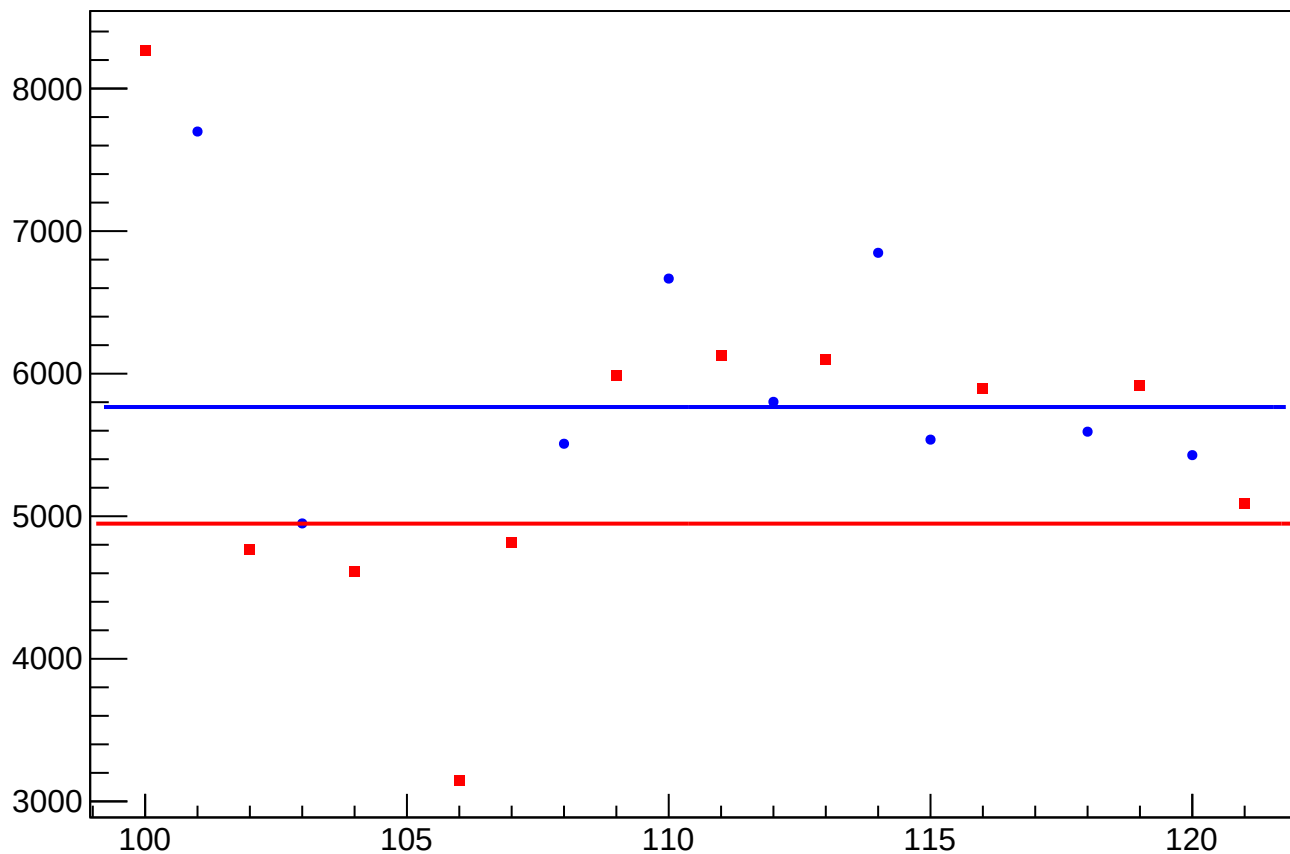
Right: 96.291+/-1873.491 χ^2/NDF : 20.8/19

In: 1344.689+/-3047.963 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.291+/-1873.491 χ^2/NDF : 20.8/19

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5766.150+/-2.155 χ^2/NDF : 138014.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4948.158+/-1.679 χ^2/NDF : 387055.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

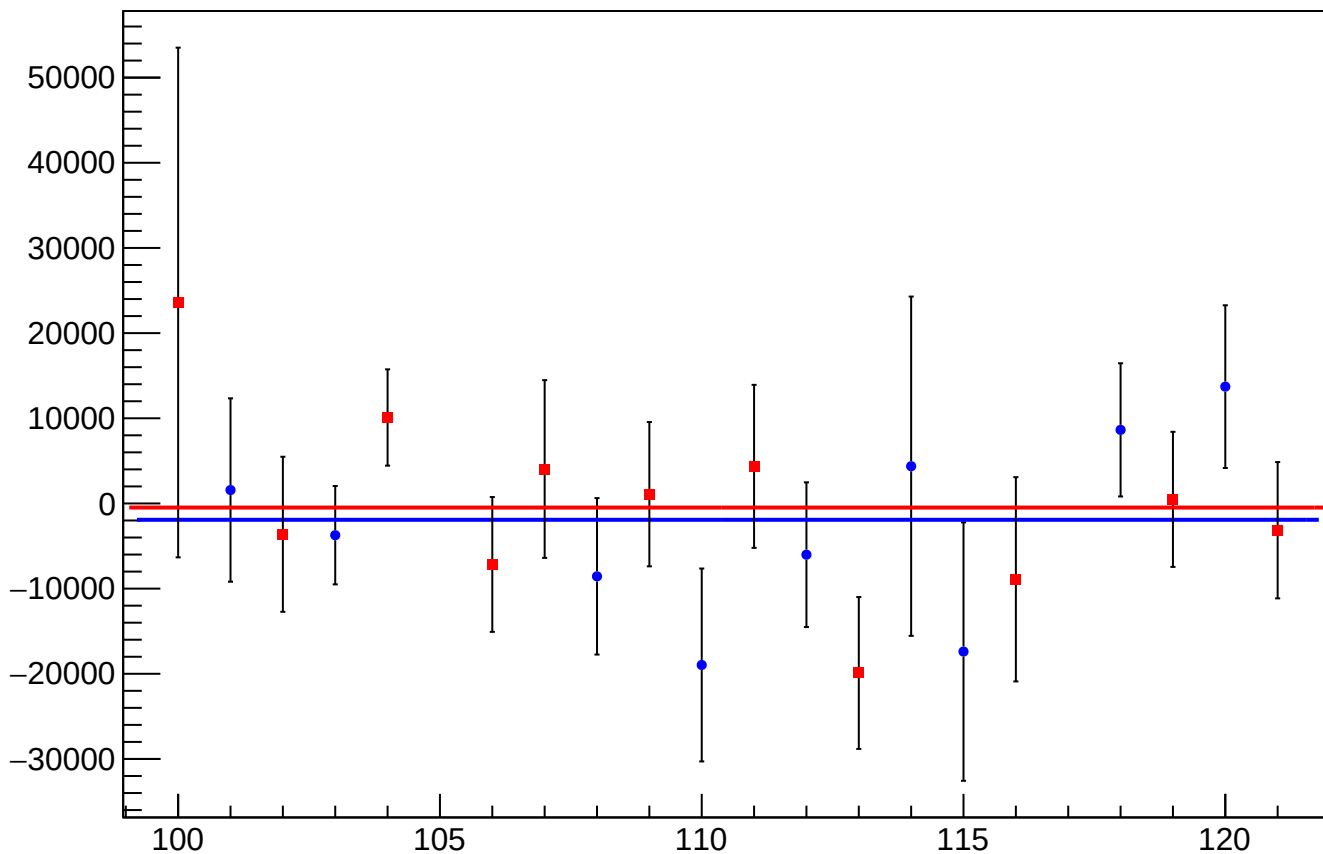
Right: 5257.211+/-1.325 χ^2/NDF : 614693.6/19

In: 5766.150+/-2.155 χ^2/NDF : 138014.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5257.211+/-1.325 χ^2/NDF : 614693.6/19

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1918.211+/-3067.054 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.641+/-2621.484 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

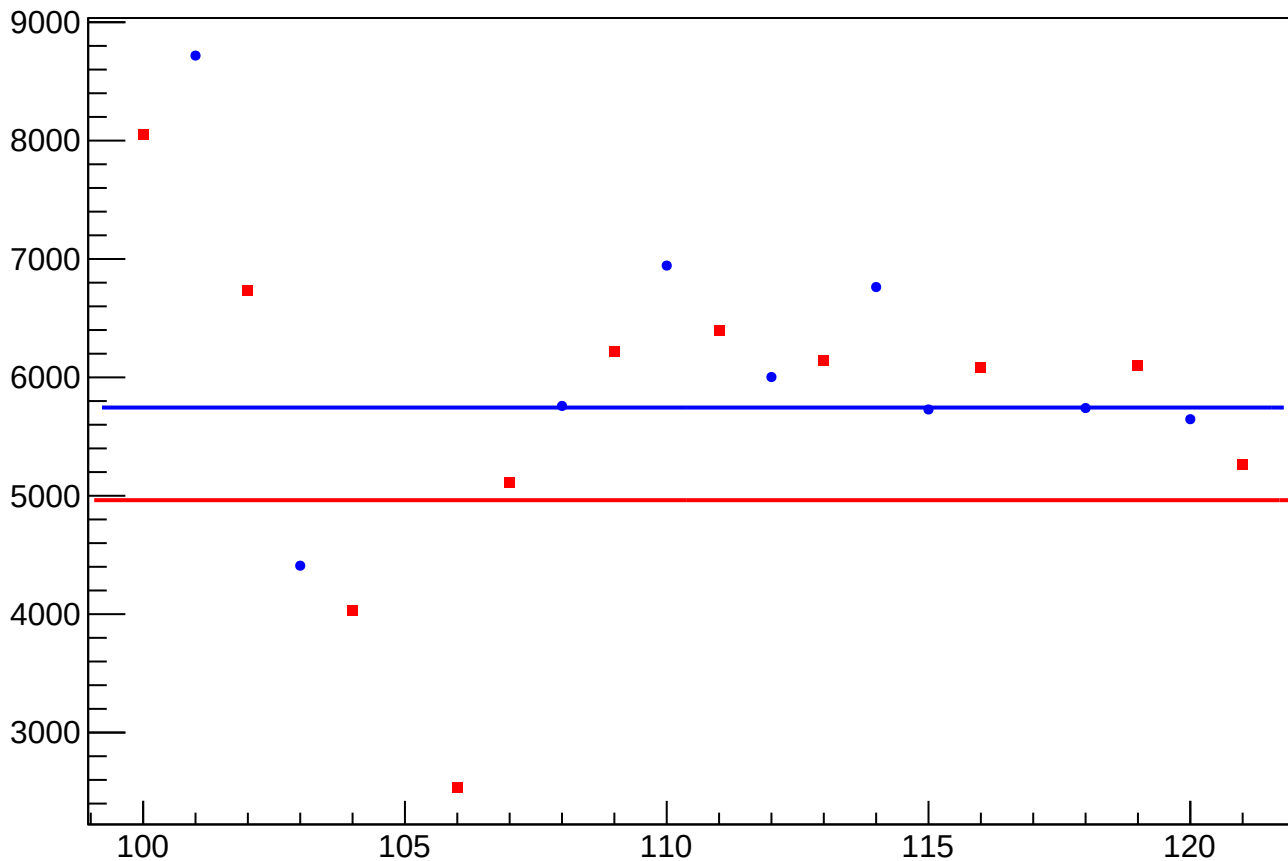
Right: -1086.933+/-1992.759 χ^2/NDF : 19.8/19

In: -1918.211+/-3067.054 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1086.933+/-1992.759 χ^2/NDF : 19.8/19

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5745.326+/-2.169 χ^2/NDF : 289307.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4962.762+/-1.763 χ^2/NDF : 703686.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

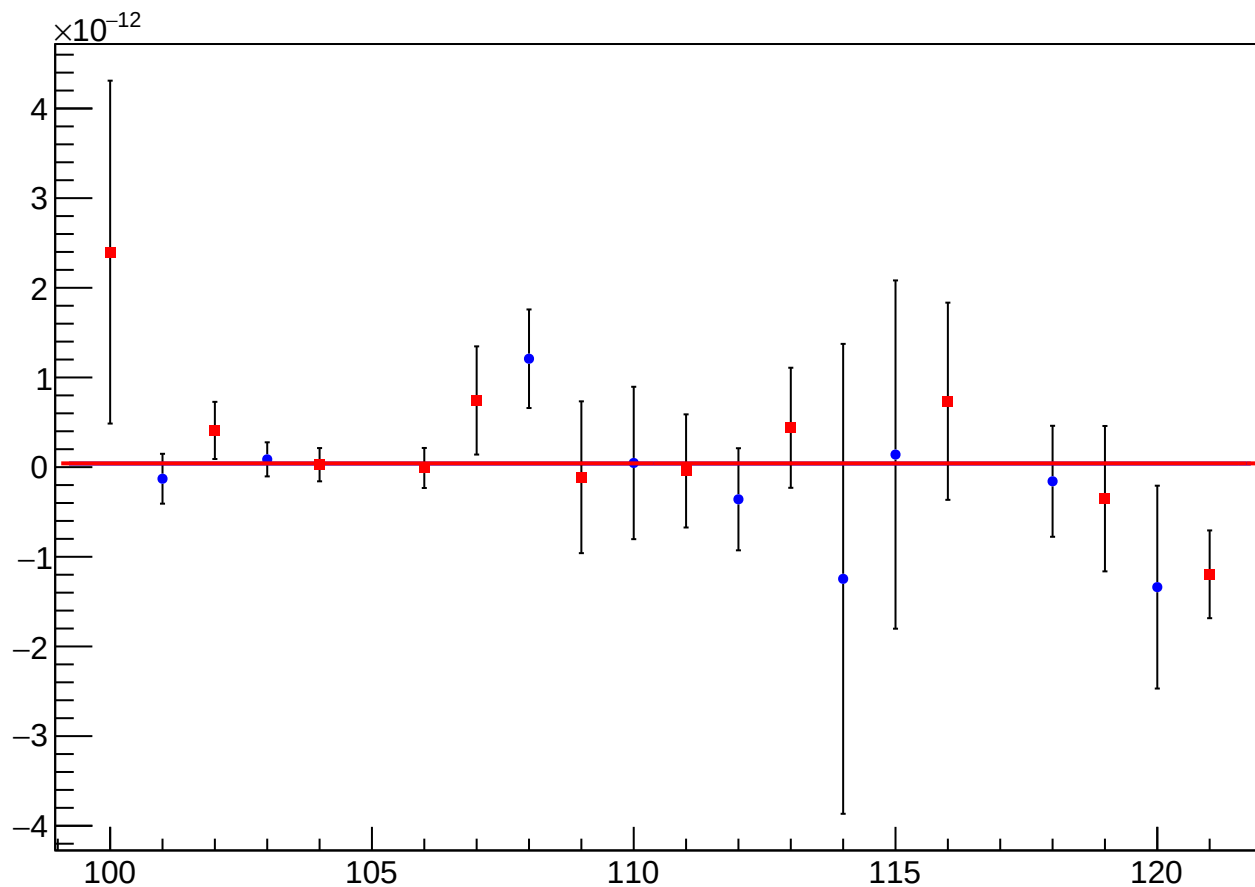
Right: 5274.232+/-1.368 χ^2/NDF : 1071377.2/19

In: 5745.326+/-2.169 χ^2/NDF : 289307.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5274.232+/-1.368 χ^2/NDF : 1071377.2/19

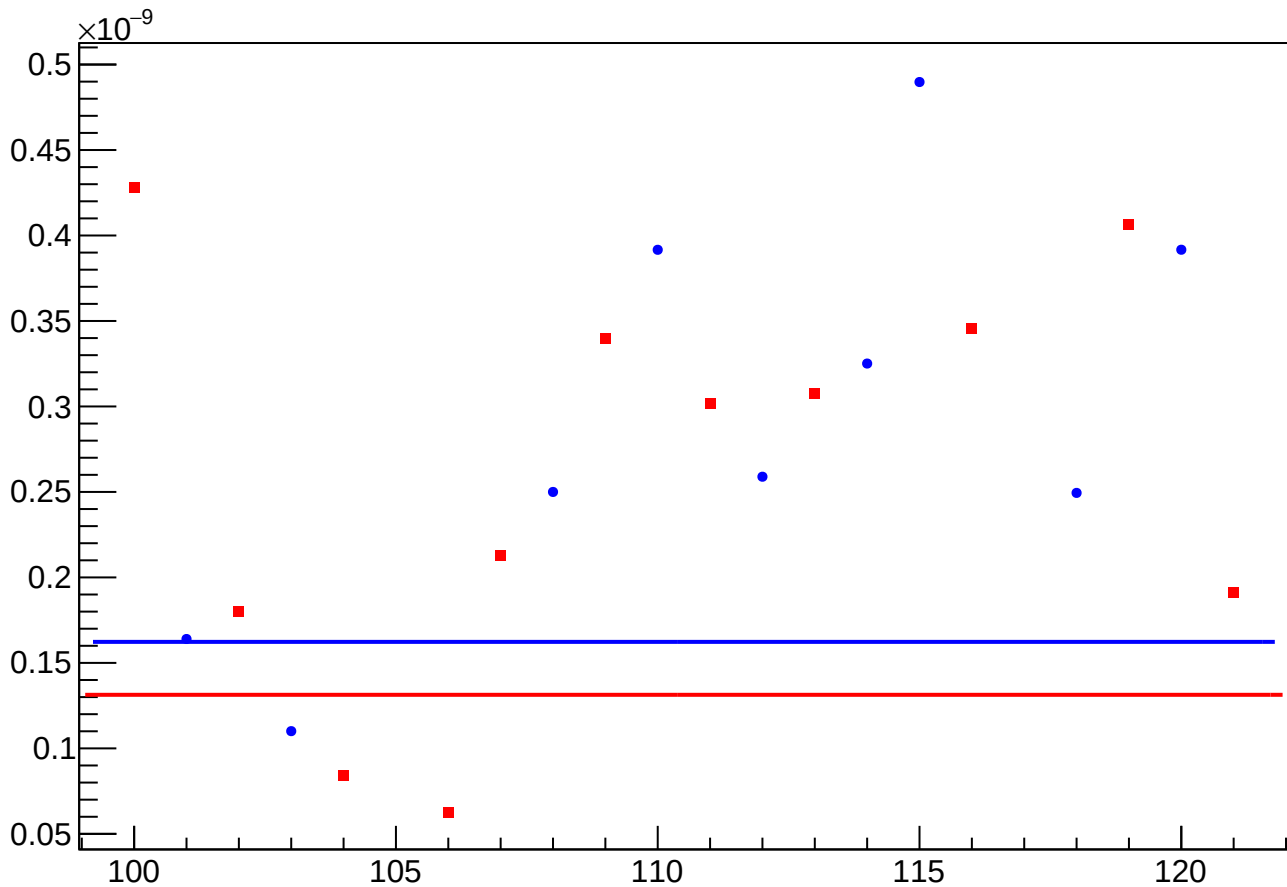
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 19.0/19
 In: 0.000+/-0.000 χ^2/NDF : 7.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 19.0/19

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591564.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1192499.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

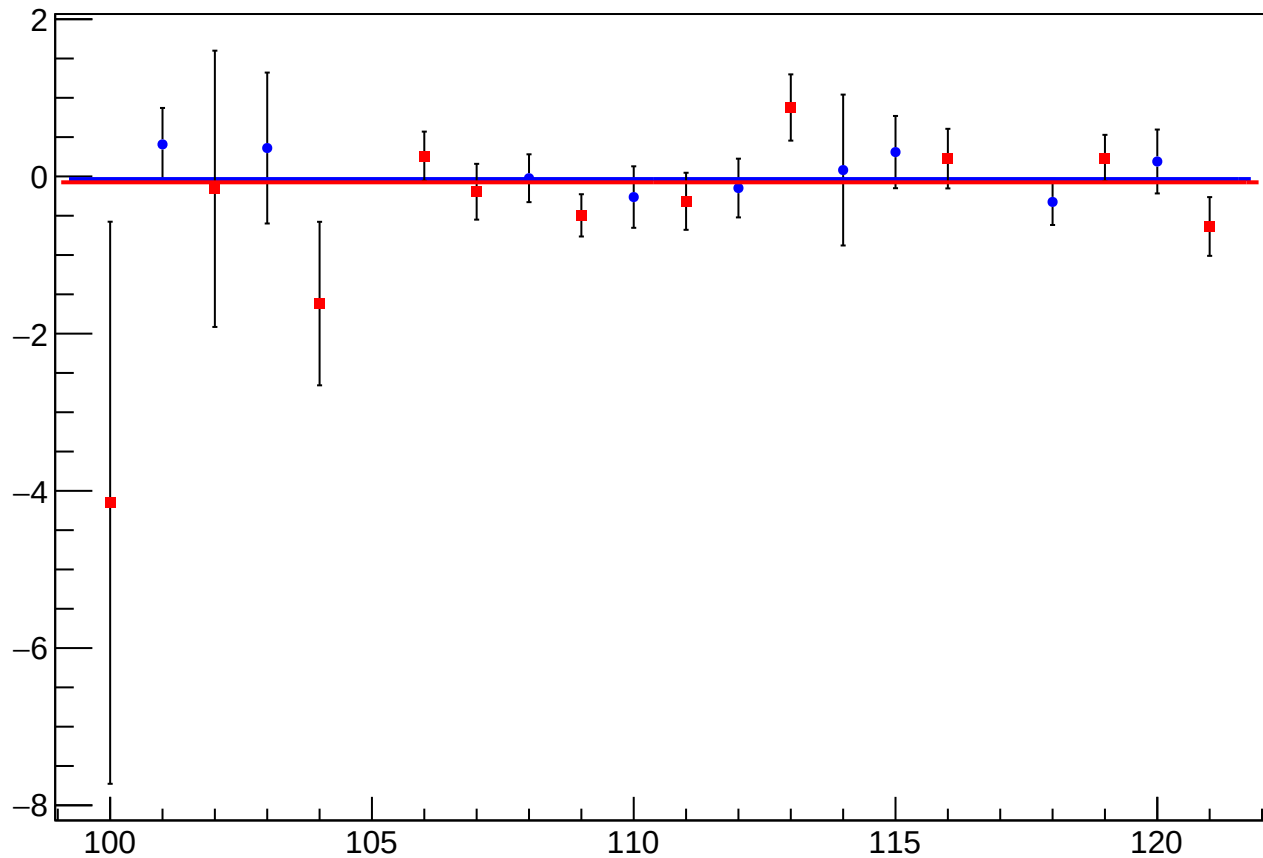
Right: 0.000+/-0.000 χ^2/NDF : 1842964.2/19

In: 0.000+/-0.000 χ^2/NDF : 591564.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1842964.2/19

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

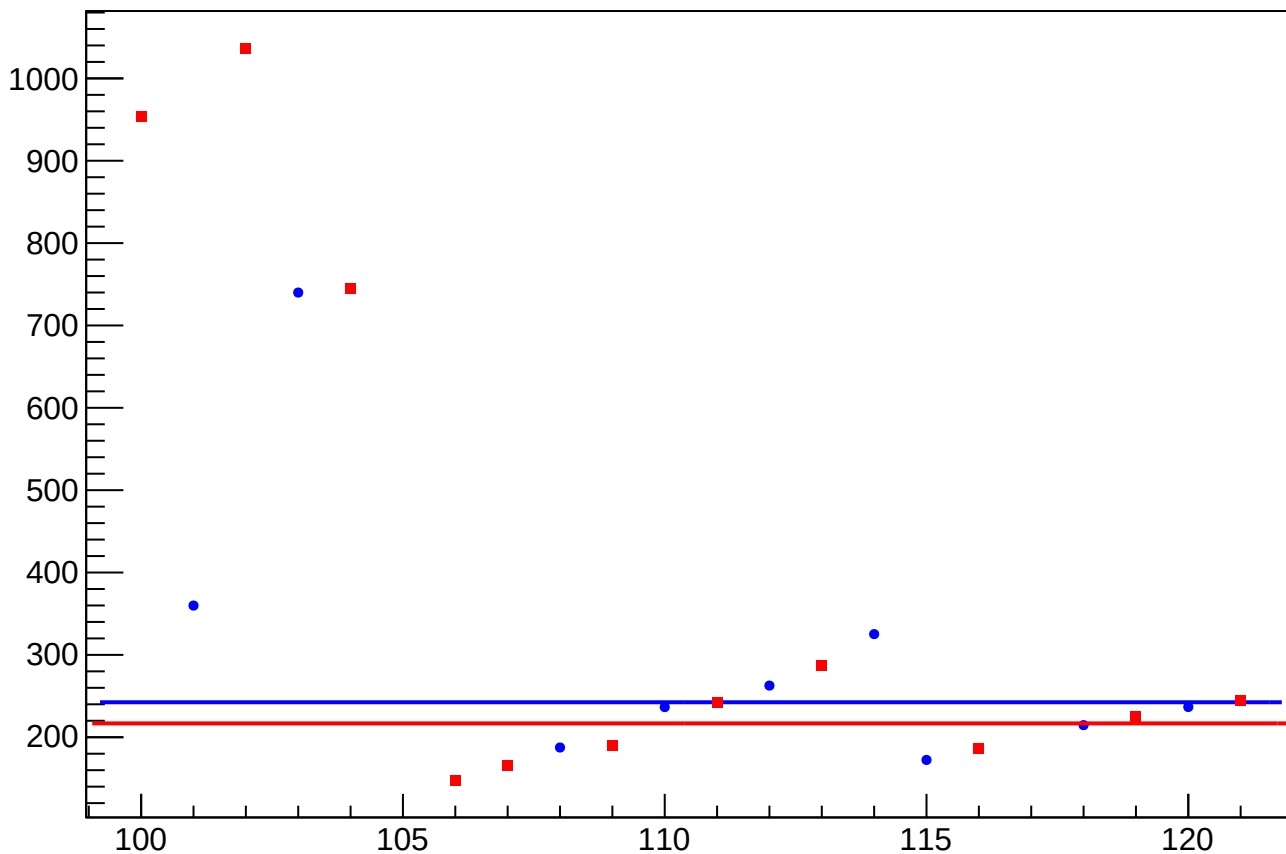
Right: -0.057 ± 0.089 χ^2/NDF : 20.1/19

In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.057 ± 0.089 χ^2/NDF : 20.1/19

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.807+/-0.083 χ^2/NDF : 1286868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

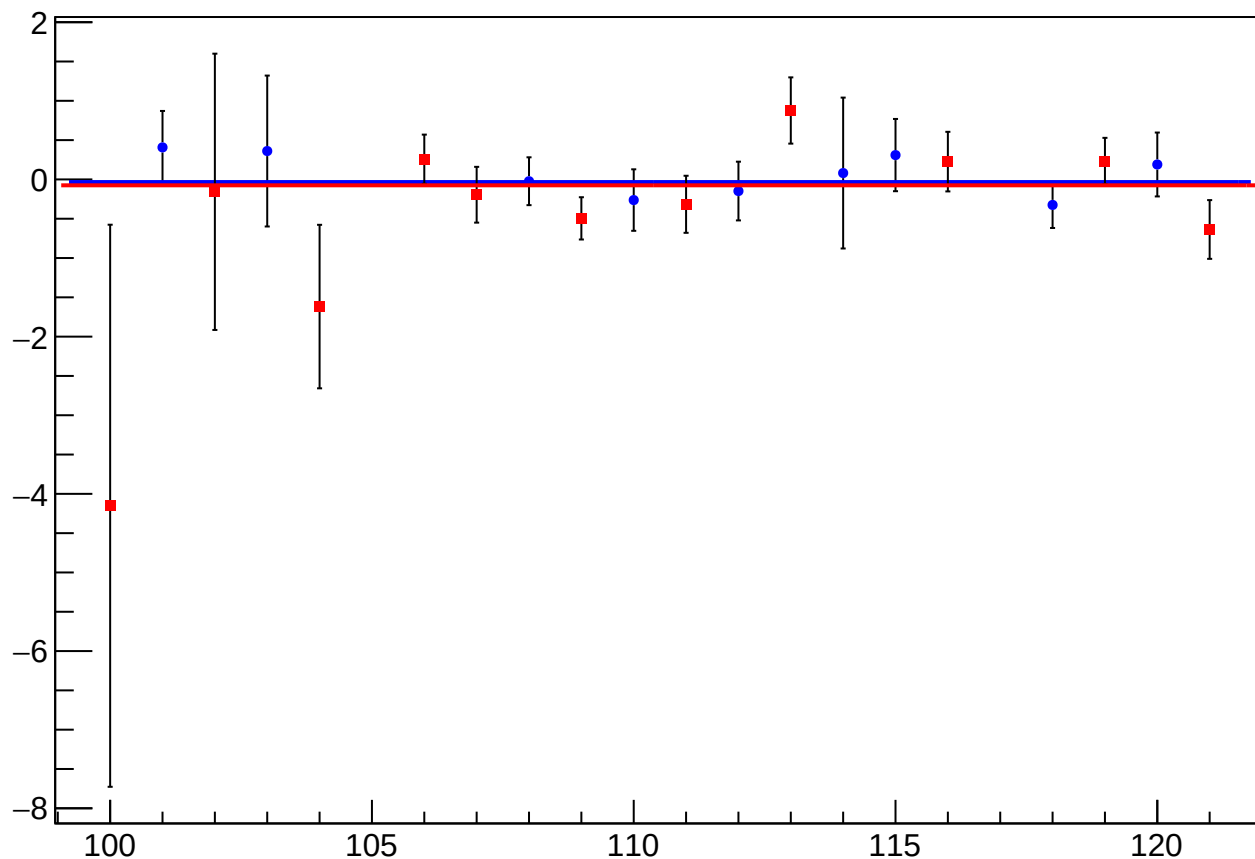
Right: 227.763+/-0.063 χ^2/NDF : 2144217.4/19

In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.763+/-0.063 χ^2/NDF : 2144217.4/19

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

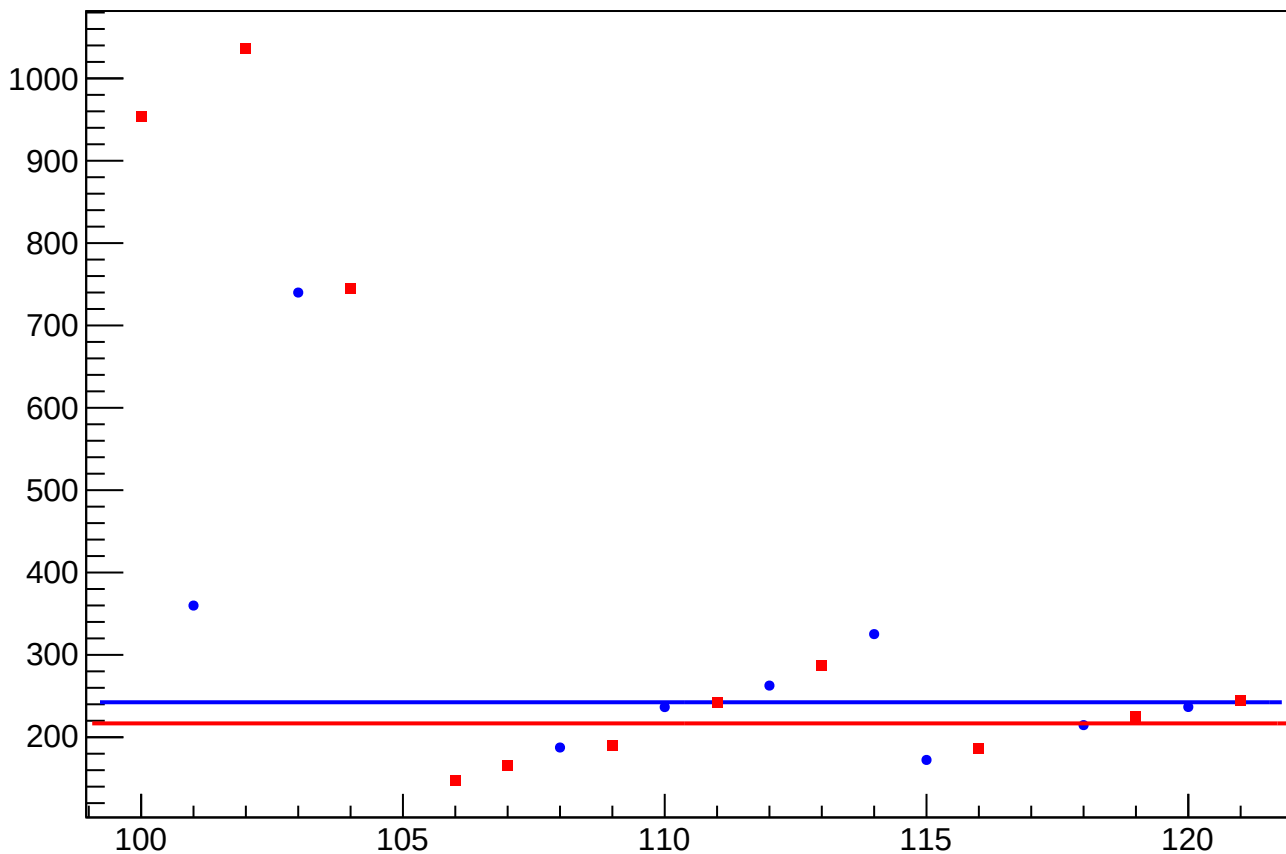
Right: -0.057 ± 0.089 χ^2/NDF : 20.1/19

In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.057 ± 0.089 χ^2/NDF : 20.1/19

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.807+/-0.083 χ^2/NDF : 1286868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

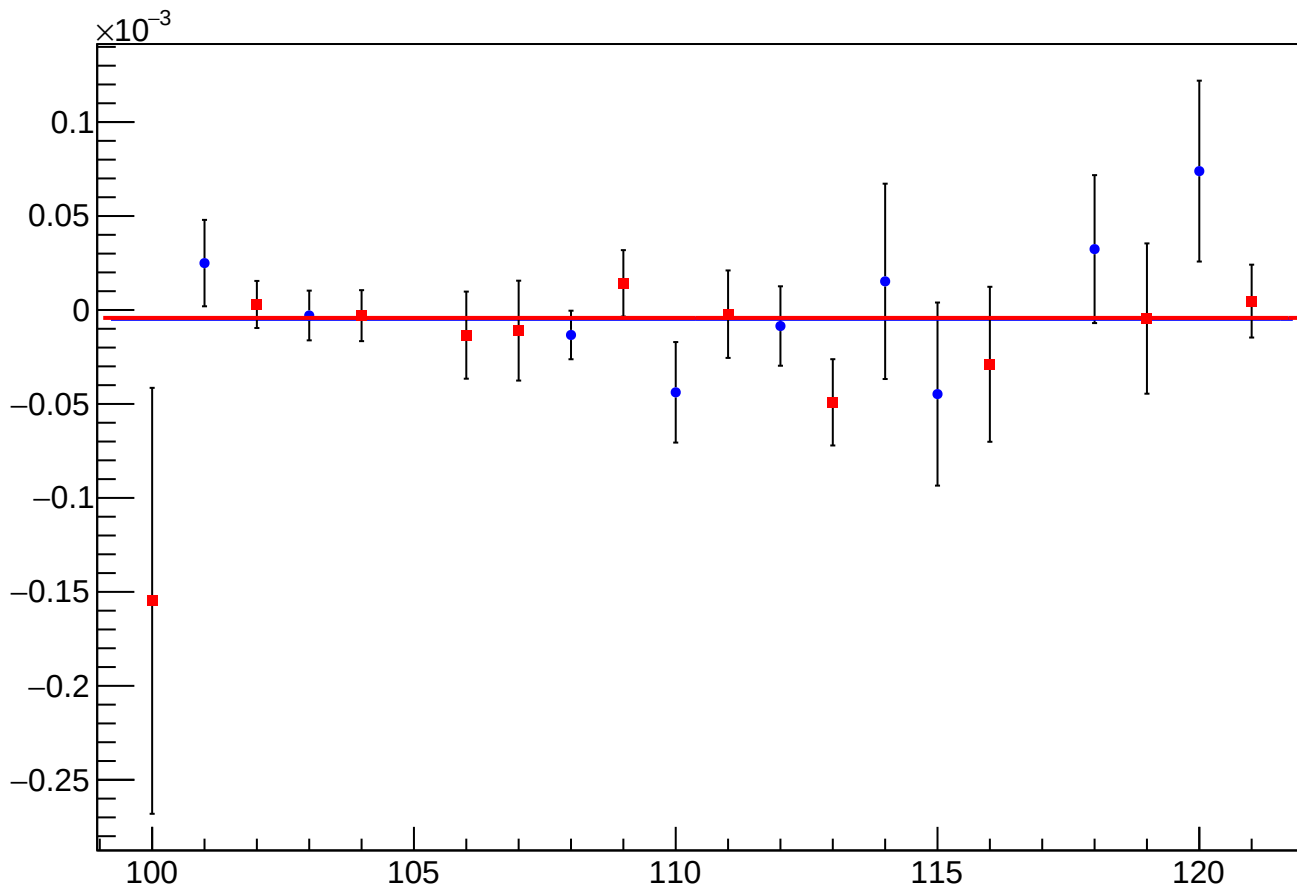
Right: 227.763+/-0.063 χ^2/NDF : 2144217.4/19

In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.763+/-0.063 χ^2/NDF : 2144217.4/19

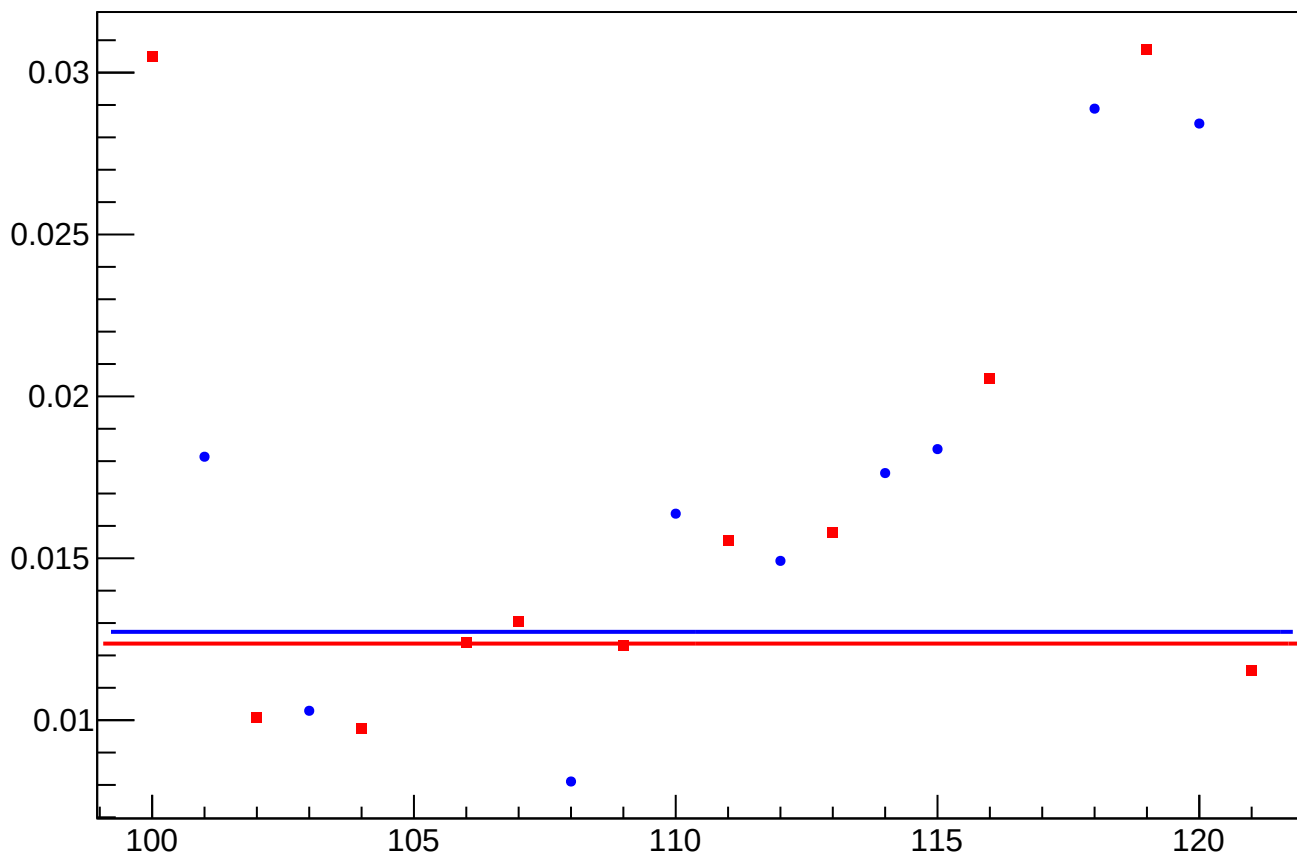
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.7/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 7.8/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 16.5/19
 In: -0.000+/-0.000 χ^2 /NDF:8.7/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 16.5/19

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1088022.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 778229.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

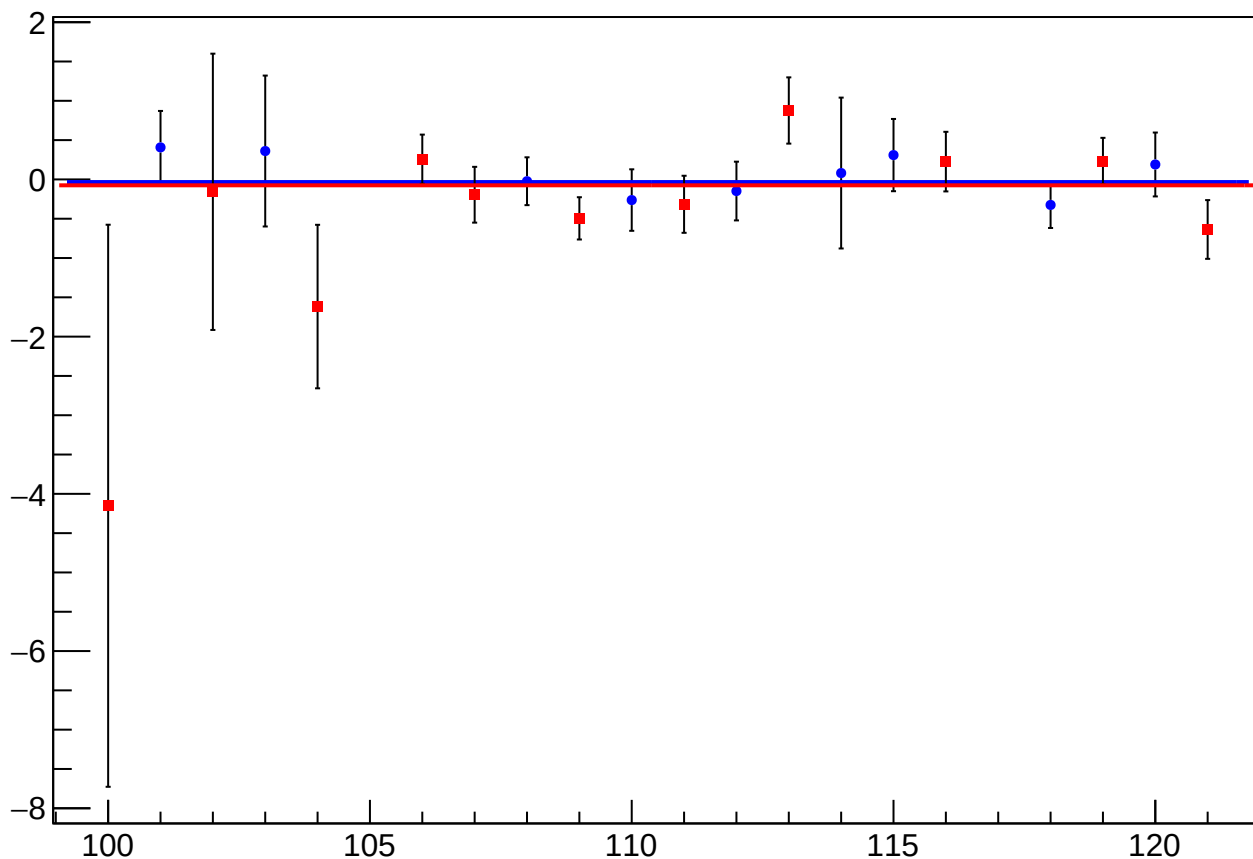
Right: 0.013+/-0.000 χ^2/NDF : 1869150.6/19

In: 0.013+/-0.000 χ^2/NDF : 1088022.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1869150.6/19

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

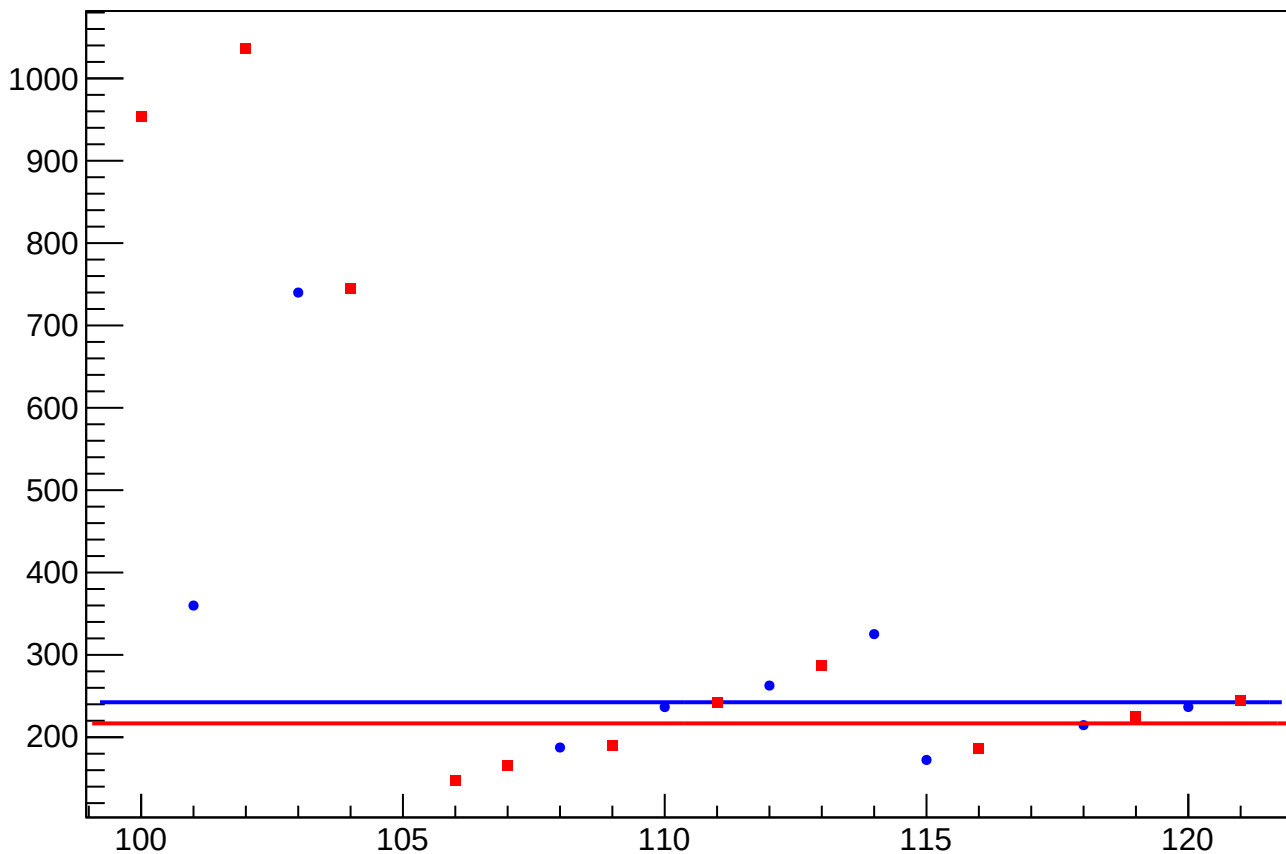
Right: -0.057 ± 0.089 χ^2/NDF : 20.1/19

In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.057 ± 0.089 χ^2/NDF : 20.1/19

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.809+/-0.083 χ^2/NDF : 1286867.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

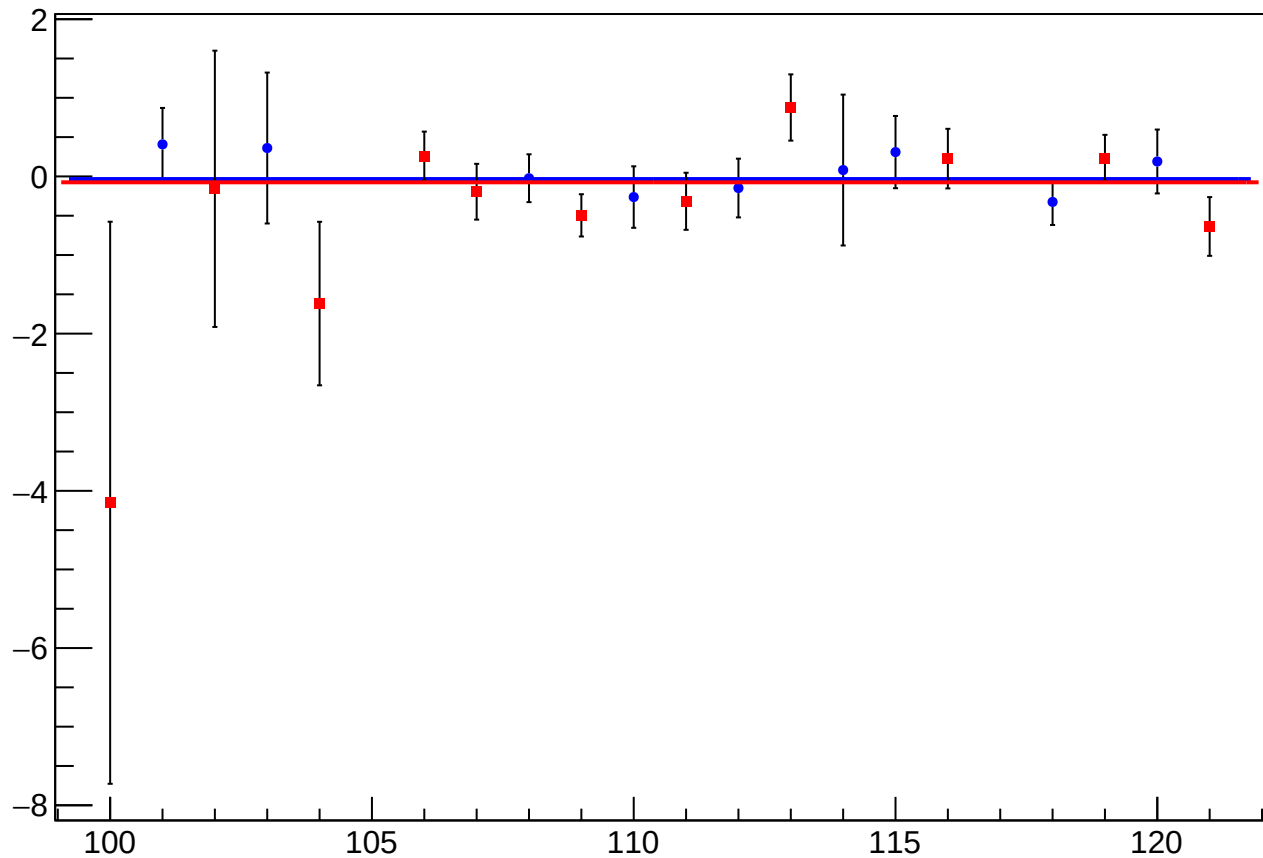
Right: 227.765+/-0.063 χ^2/NDF : 2144195.8/19

In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.765+/-0.063 χ^2/NDF : 2144195.8/19

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

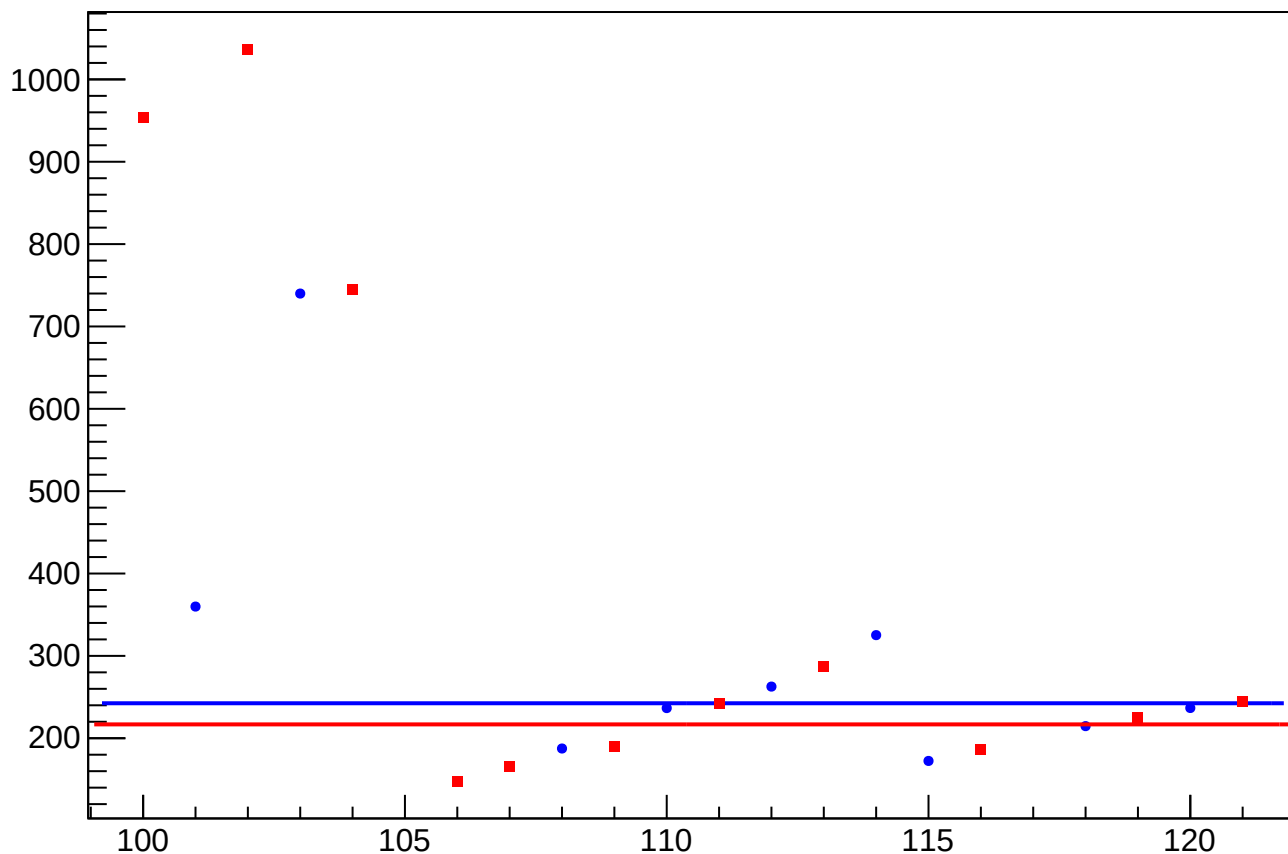
Right: -0.057 ± 0.089 χ^2/NDF : 20.1/19

In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.057 ± 0.089 χ^2/NDF : 20.1/19

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.809+/-0.083 χ^2/NDF : 1286867.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

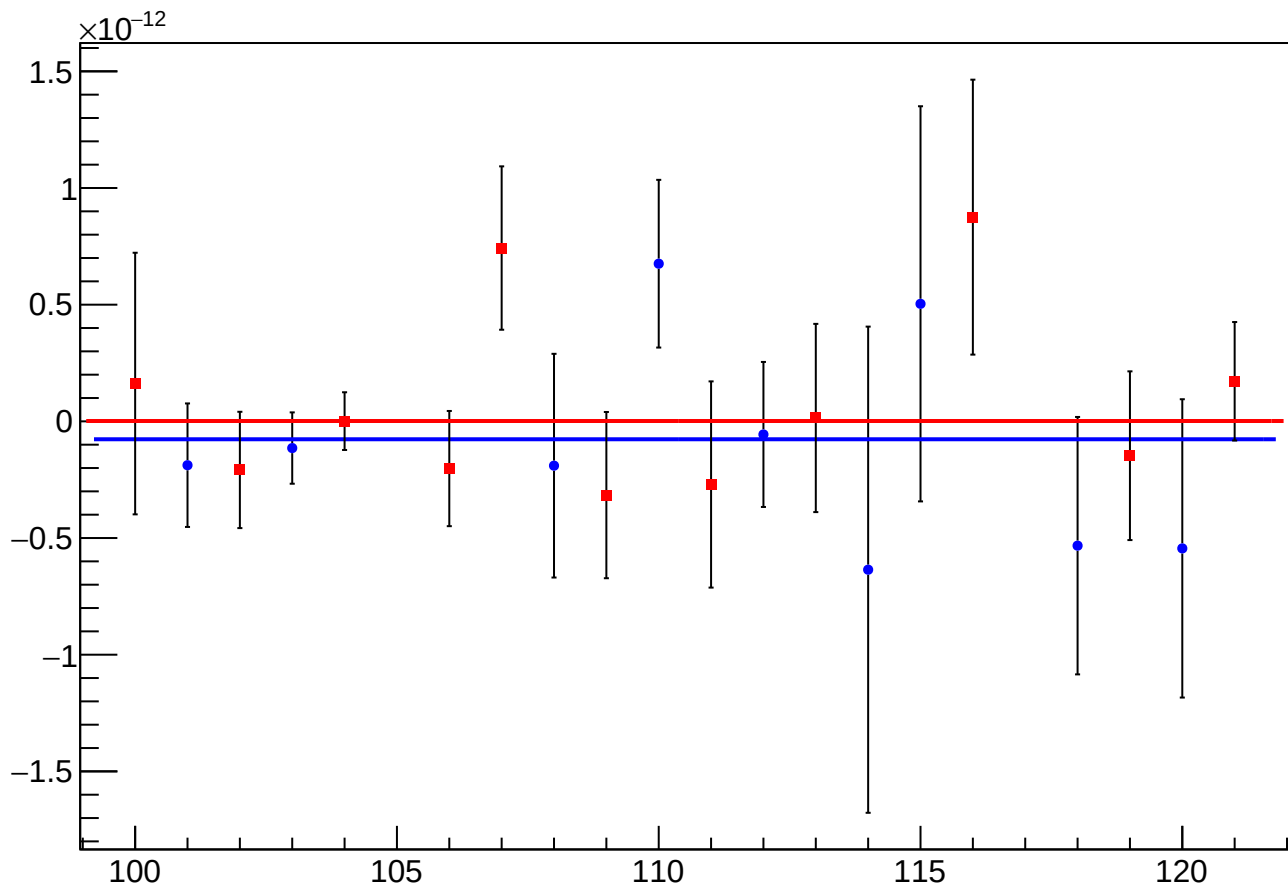
Right: 227.765+/-0.063 χ^2/NDF : 2144195.8/19

In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.765+/-0.063 χ^2/NDF : 2144195.8/19

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 : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

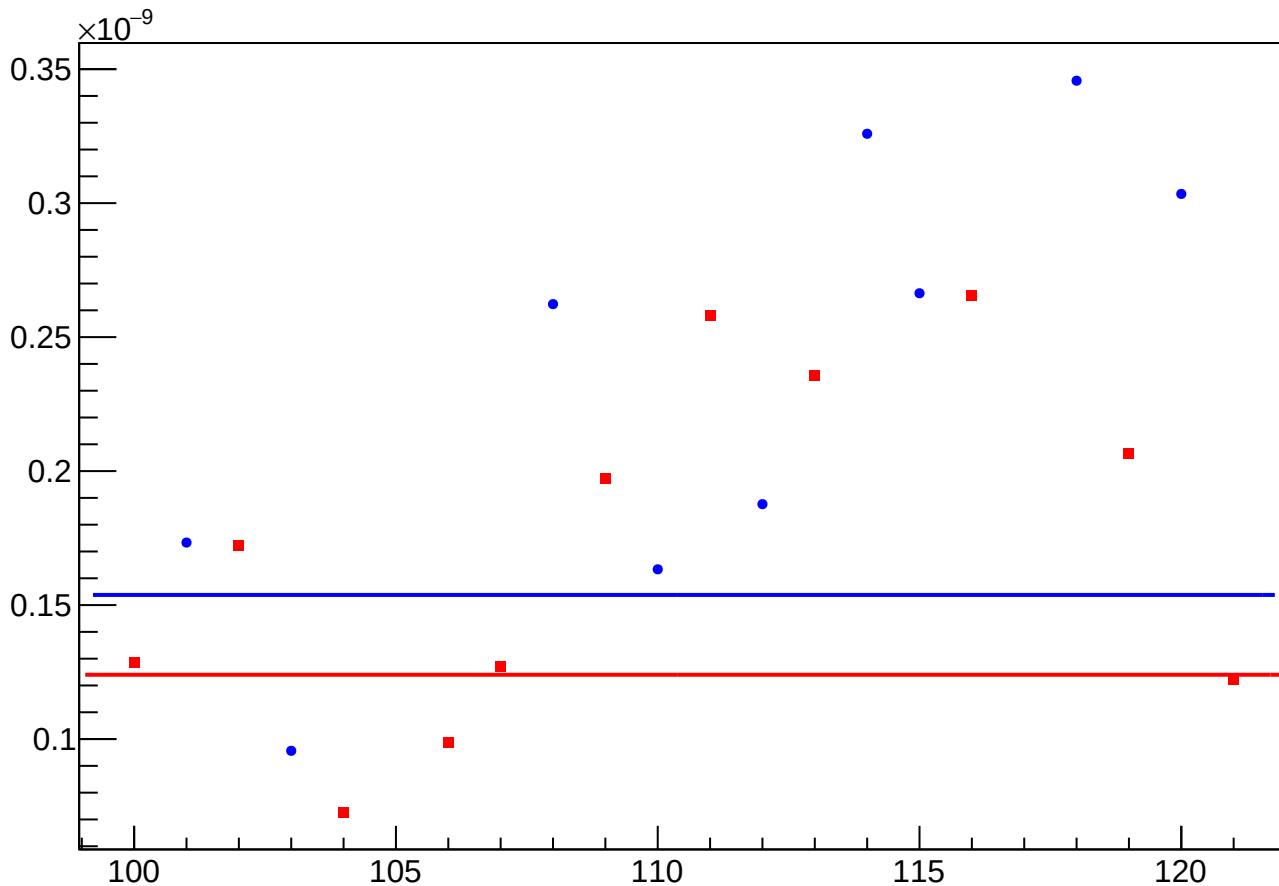
Right: -0.000+/-0.000 χ^2/NDF : 16.9/19

In: -0.000+/-0.000 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/19

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 : 869739.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1083803.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

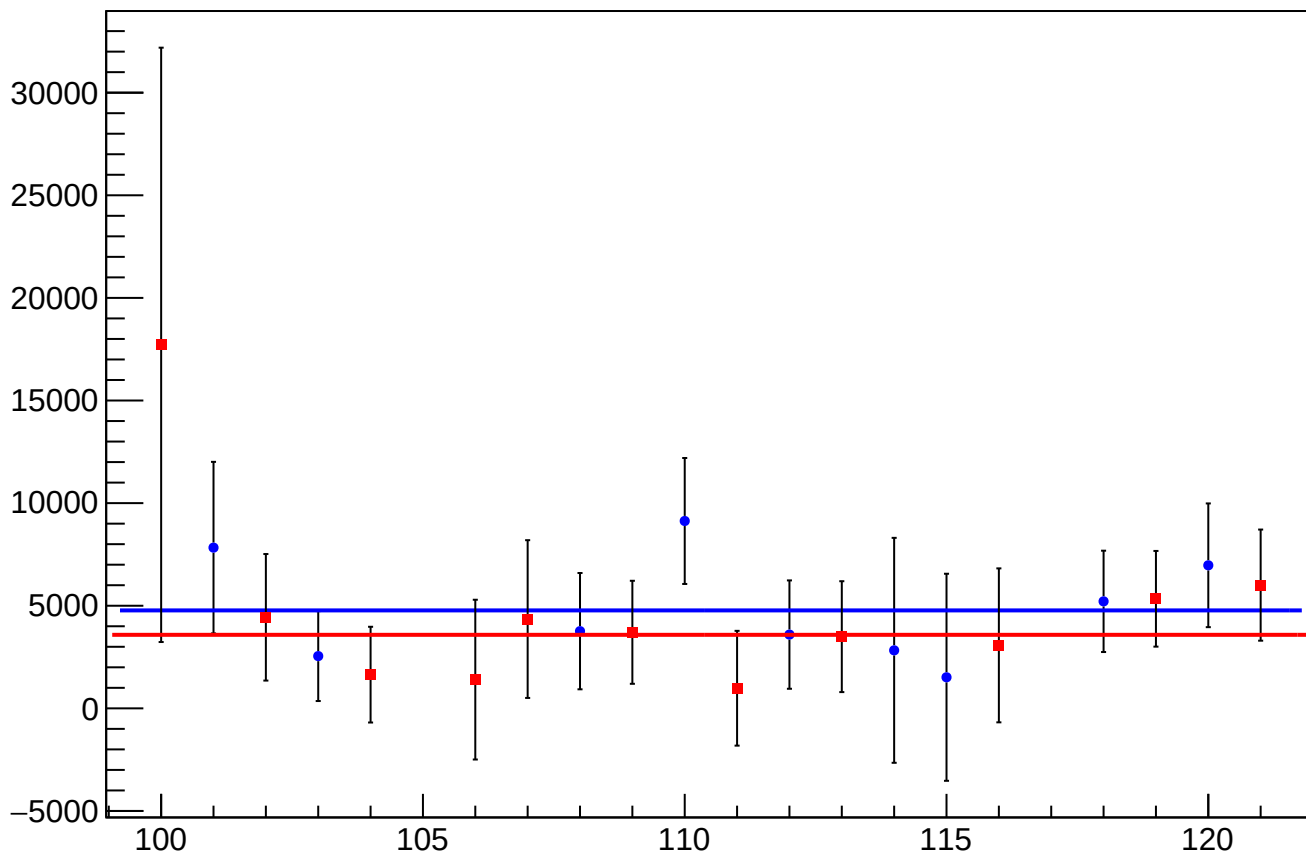
Right: 0.000+/-0.000 χ^2/NDF : 2052688.3/19

In: 0.000+/-0.000 χ^2/NDF : 869739.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2052688.3/19

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4772.839+/-1006.802 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3582.902+/-897.096 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

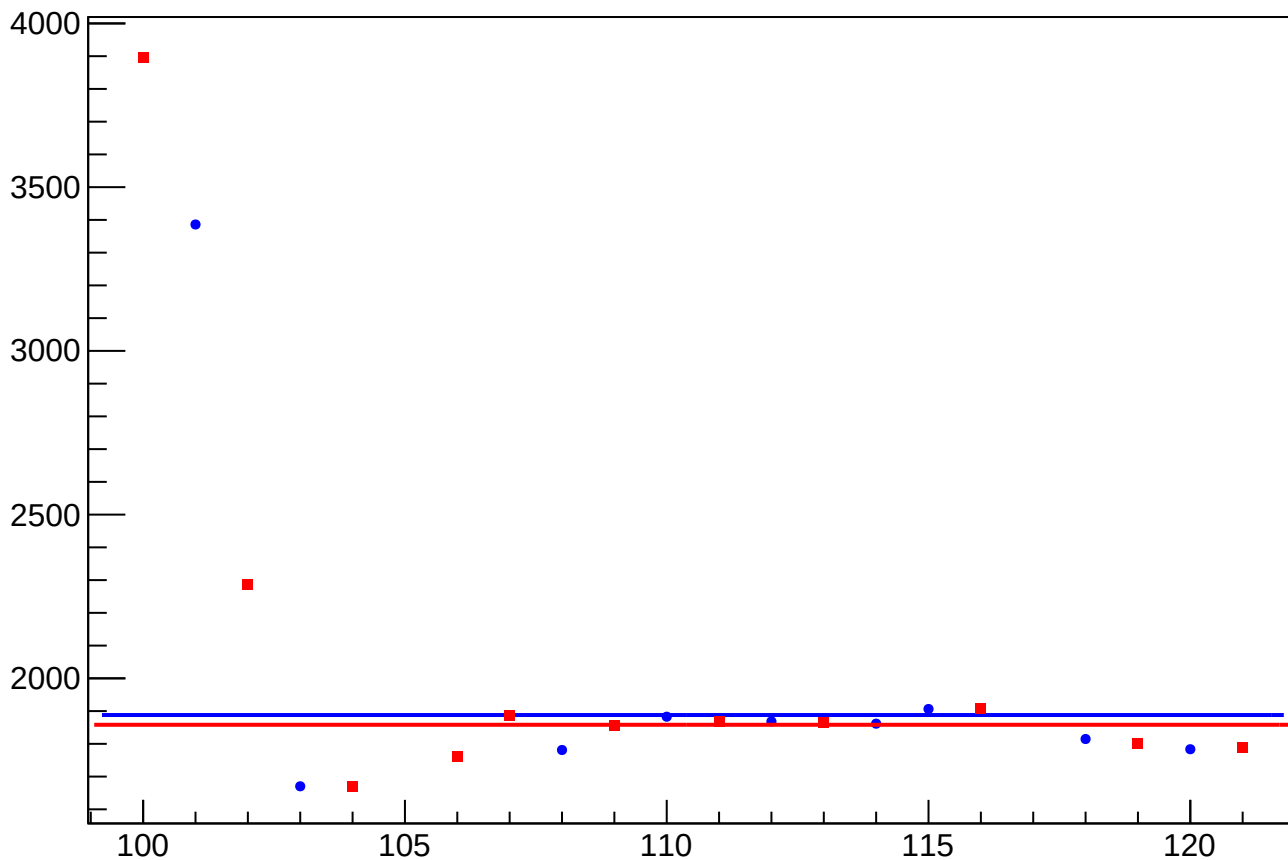
Right: 4109.531+/-669.783 χ^2/NDF : 10.1/19

In: 4772.839+/-1006.802 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4109.531+/-669.783 χ^2/NDF : 10.1/19

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1887.991+/-0.712 χ^2/NDF : 283787.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1858.172+/-0.631 χ^2/NDF : 95767.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

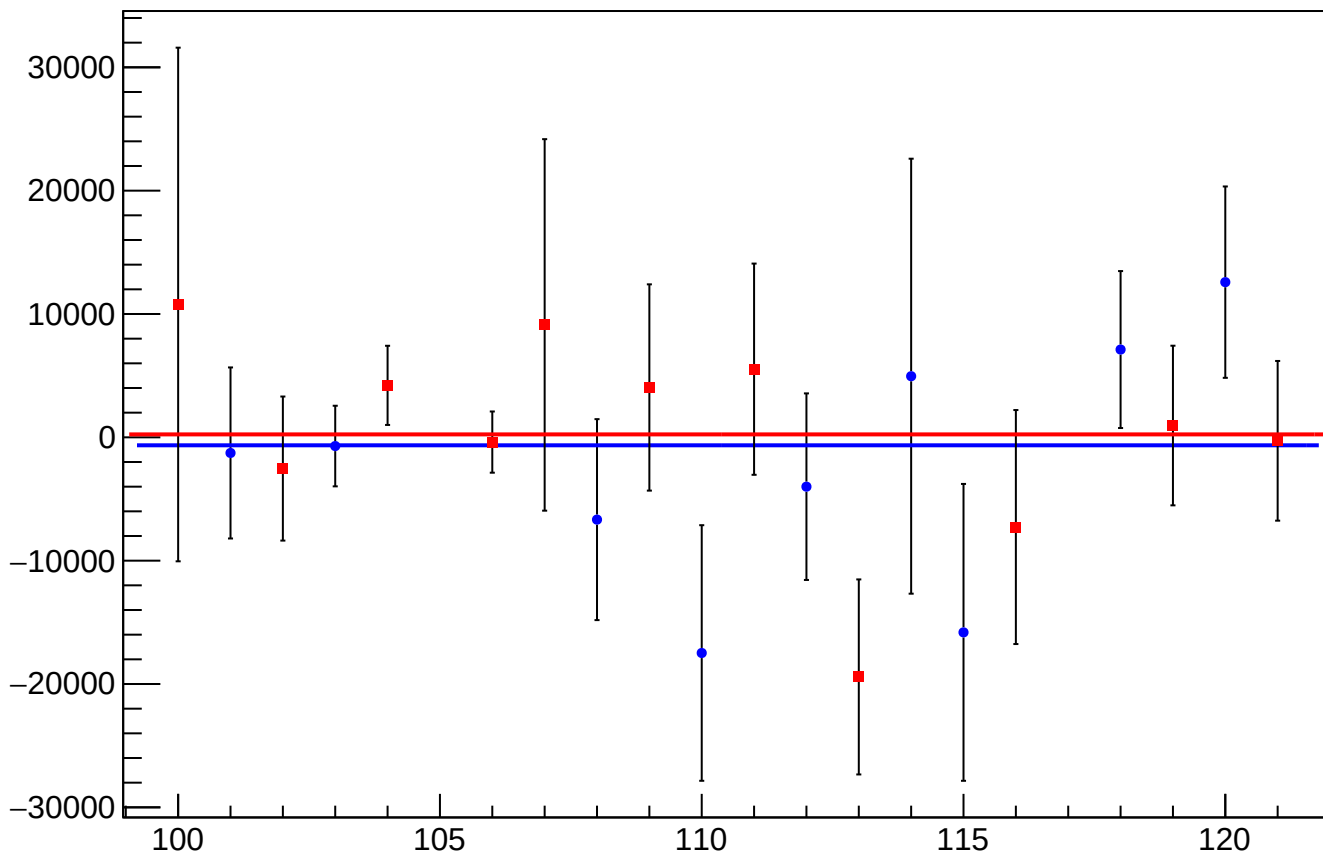
Right: 1871.295+/-0.472 χ^2/NDF : 380537.4/19

In: 1887.991+/-0.712 χ^2/NDF : 283787.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1871.295+/-0.472 χ^2/NDF : 380537.4/19

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -646.065+/-2193.967 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 238.251+/-1584.510 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

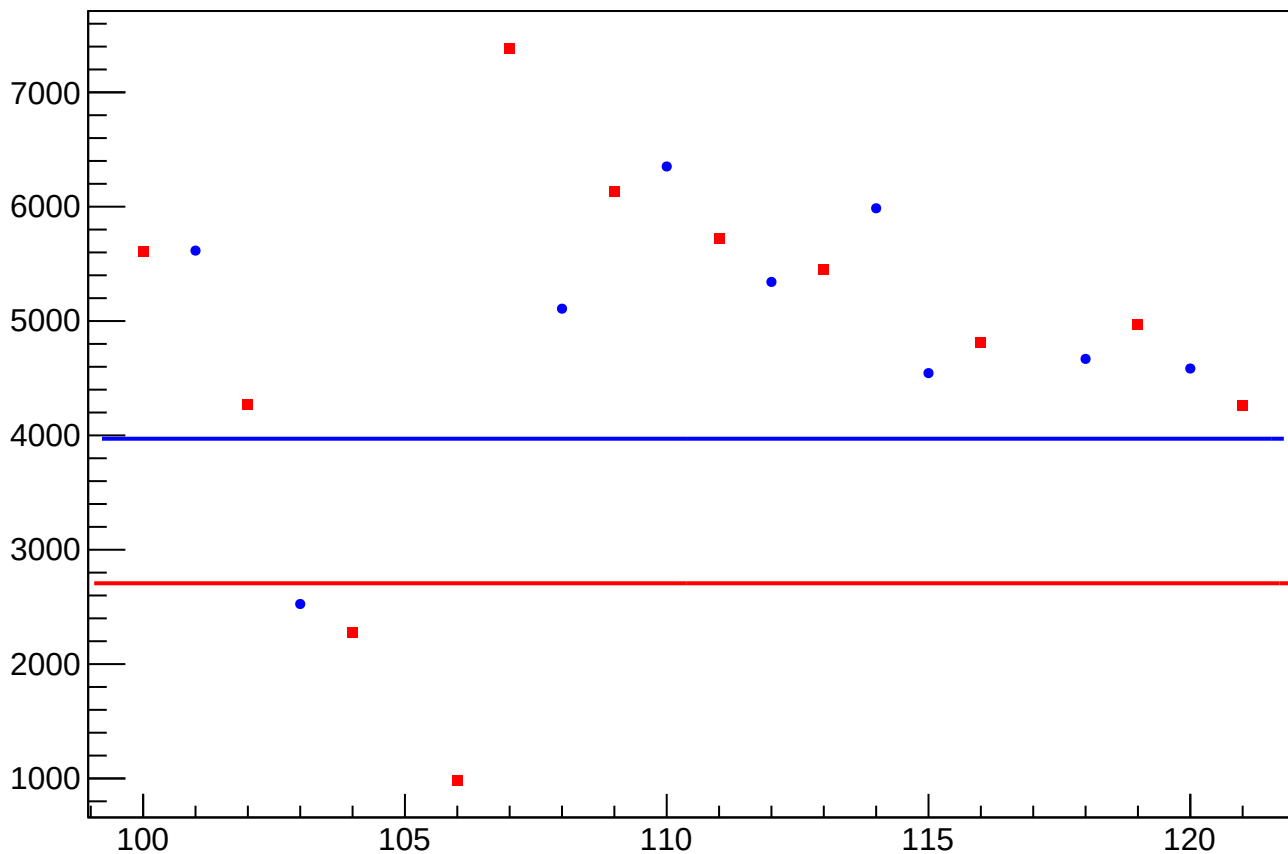
Right: -64.886+/-1284.535 χ^2/NDF : 19.4/19

In: -646.065+/-2193.967 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.886+/-1284.535 χ^2/NDF : 19.4/19

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3970.989+/-1.551 χ^2/NDF : 781376.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2706.769+/-1.120 χ^2/NDF : 2660163.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

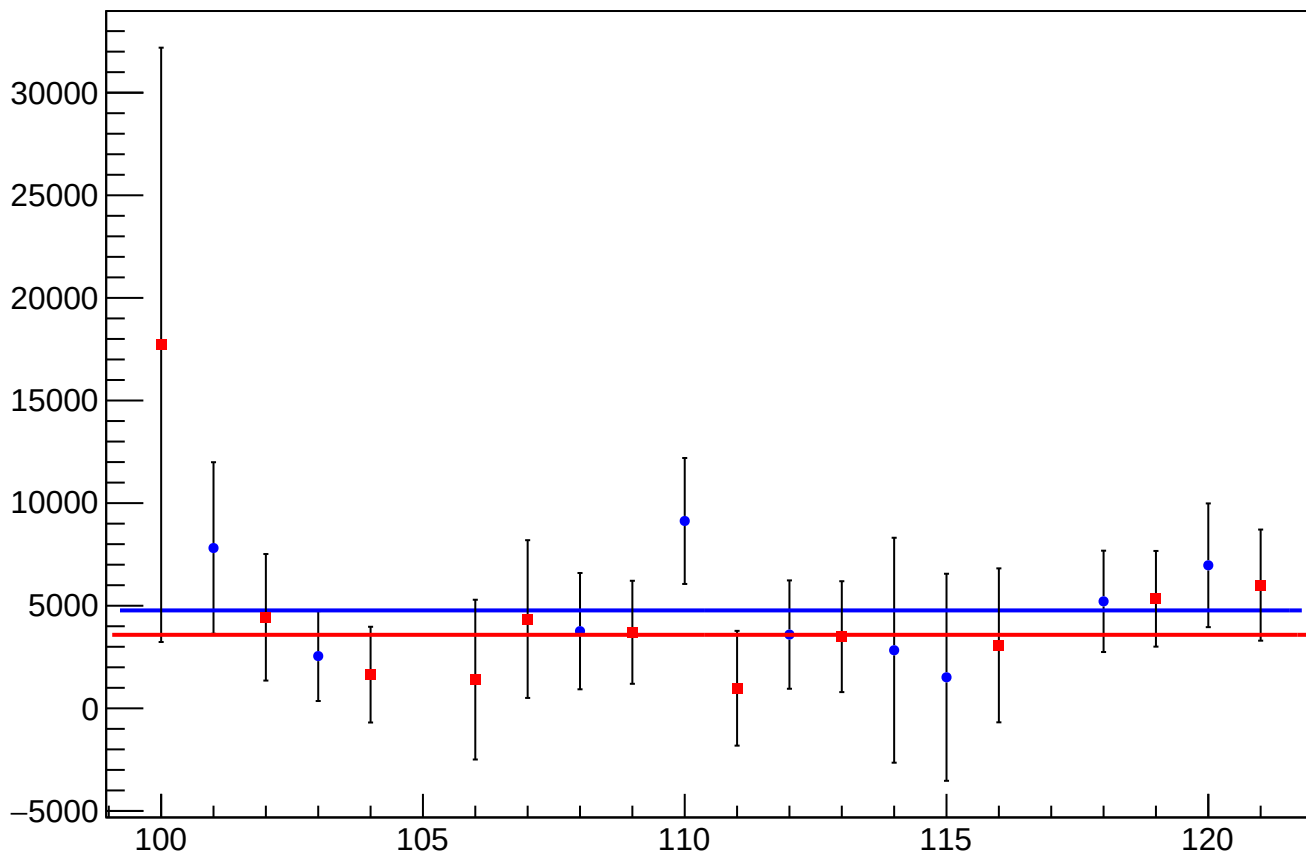
Right: 3140.134+/-0.908 χ^2/NDF : 3877973.2/19

In: 3970.989+/-1.551 χ^2/NDF : 781376.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3140.134+/-0.908 χ^2/NDF : 3877973.2/19

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3582.576+/-897.096 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

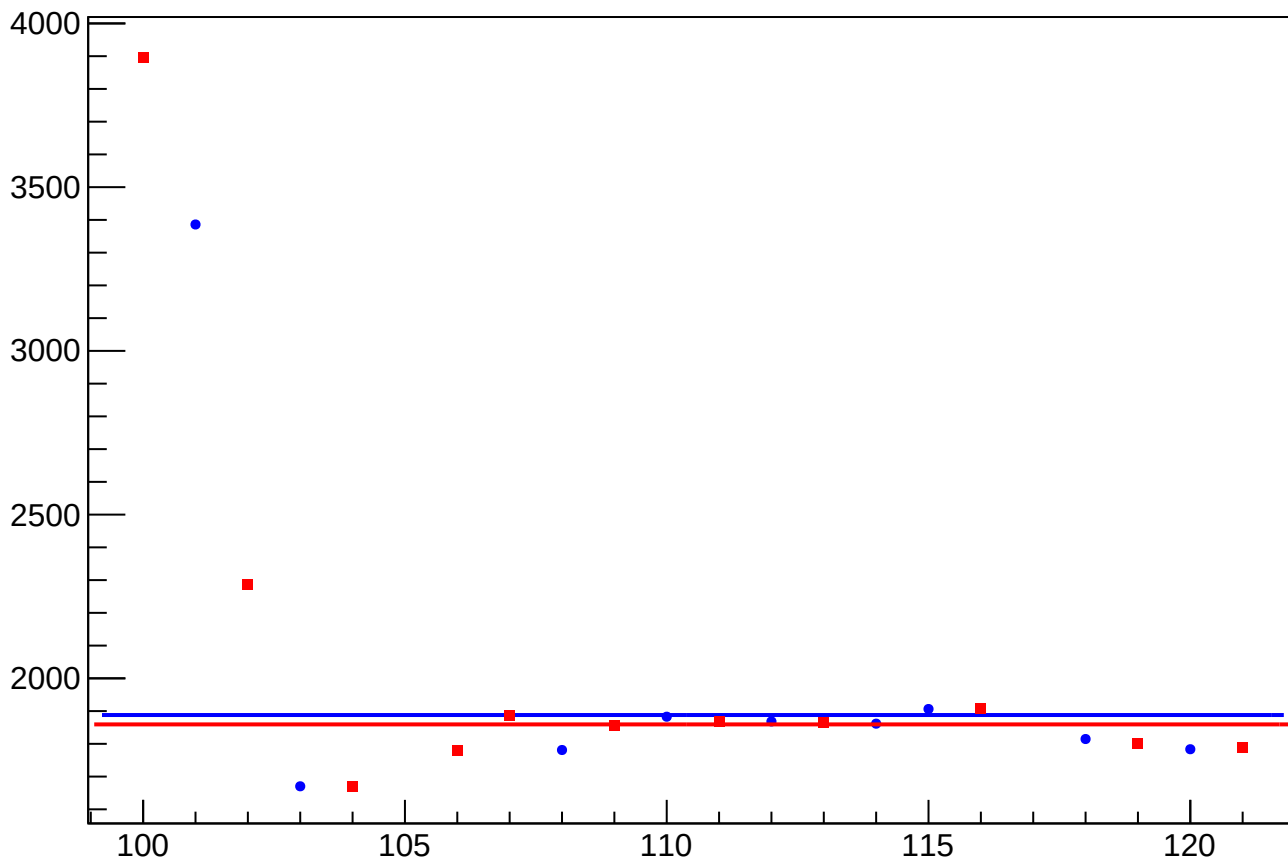
Right: 4108.983+/-669.784 χ^2/NDF : 10.1/19

In: 4772.010+/-1006.802 χ^2/NDF :5.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4108.983+/-669.784 χ^2/NDF : 10.1/19

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1859.347+/-0.631 χ^2/NDF : 95268.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

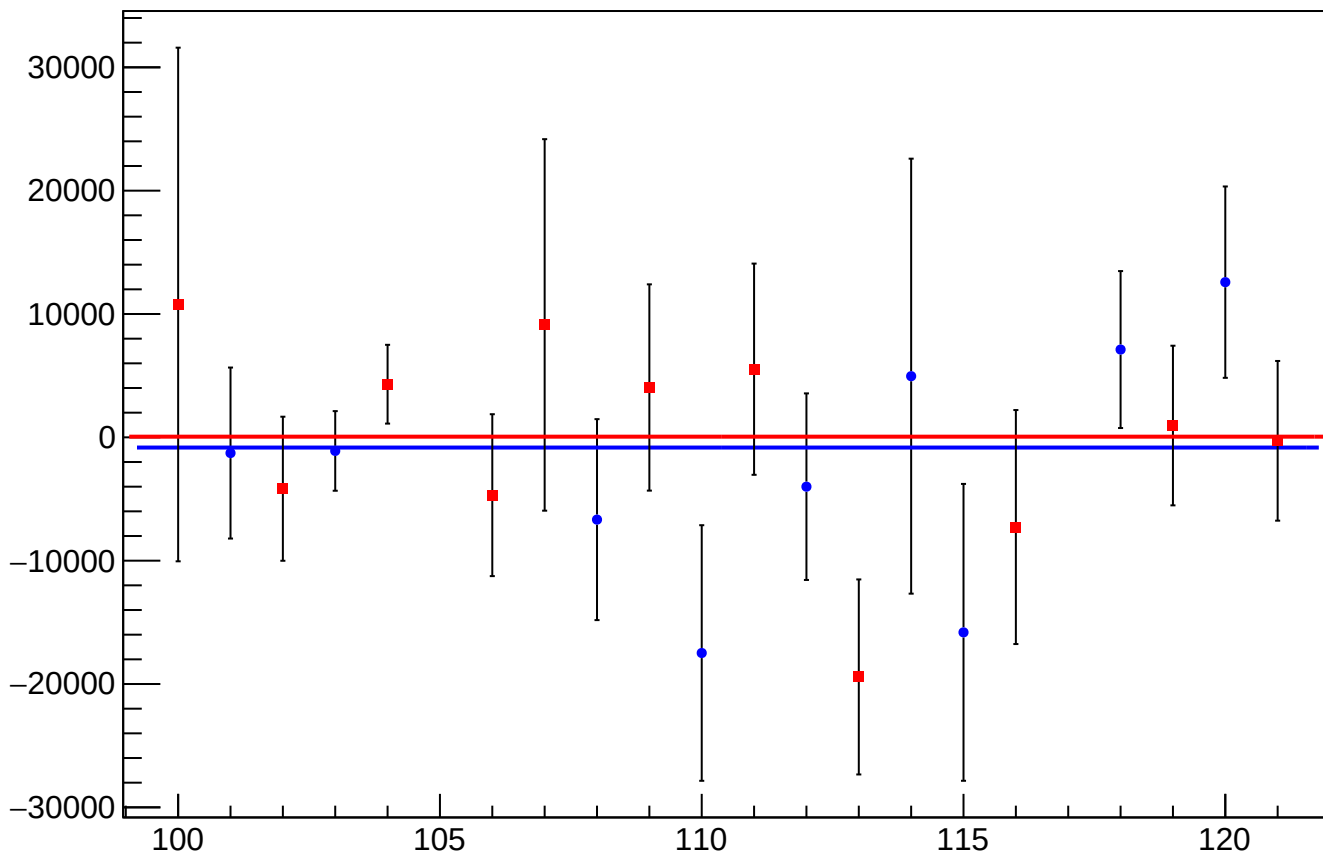
Right: 1871.960+/-0.472 χ^2/NDF : 379963.7/19

In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1871.960+/-0.472 χ^2/NDF : 379963.7/19

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -827.693+/-2181.877 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.236+/-1960.864 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

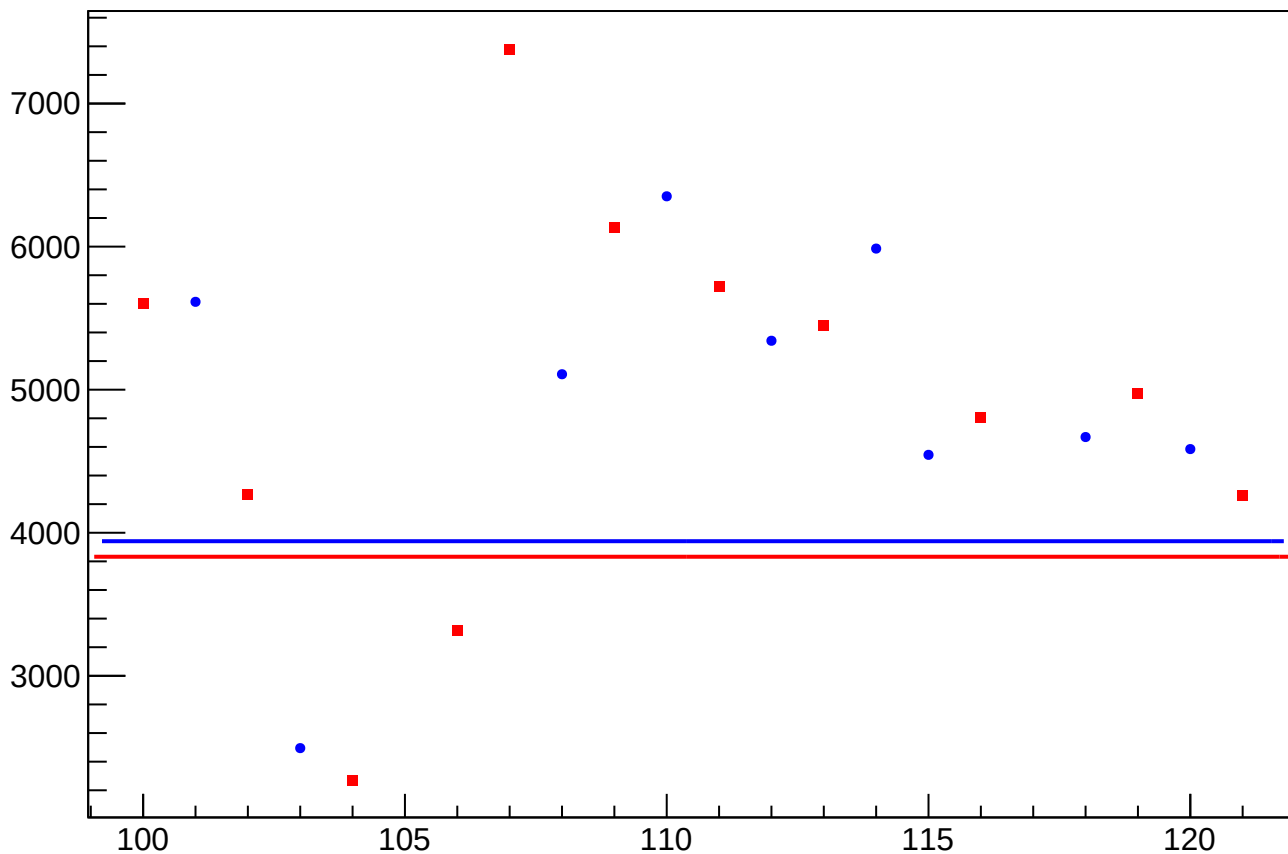
Right: -339.811+/-1458.437 χ^2/NDF : 20.4/19

In: -827.693+/-2181.877 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -339.811+/-1458.437 χ^2/NDF : 20.4/19

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3832.369+/-1.387 χ^2/NDF : 1052651.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

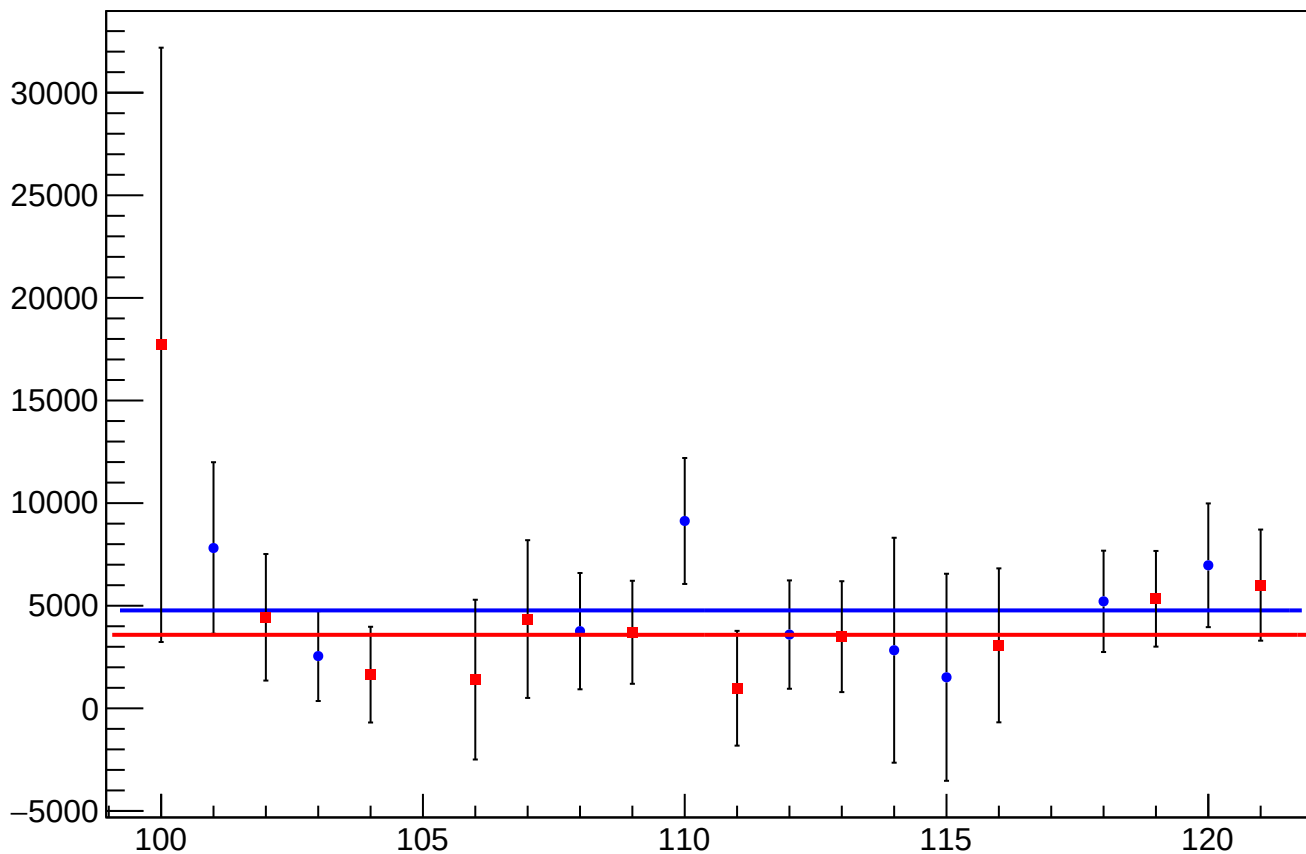
Right: 3880.908+/-1.031 χ^2/NDF : 1863128.3/19

In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.908+/-1.031 χ^2/NDF : 1863128.3/19

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3582.576+/-897.096 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

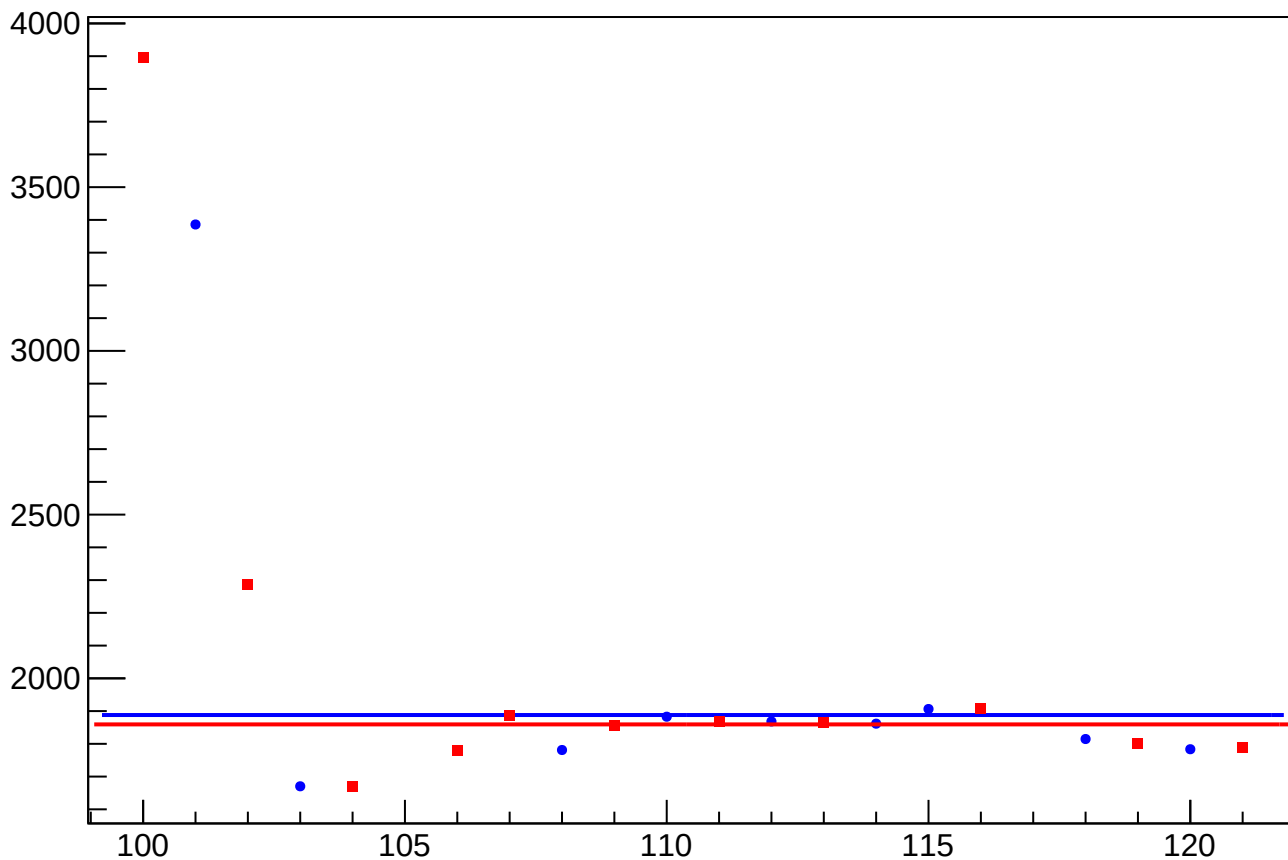
Right: 4108.983+/-669.784 χ^2/NDF : 10.1/19

In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4108.983+/-669.784 χ^2/NDF : 10.1/19

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1859.347+/-0.631 χ^2/NDF : 95268.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

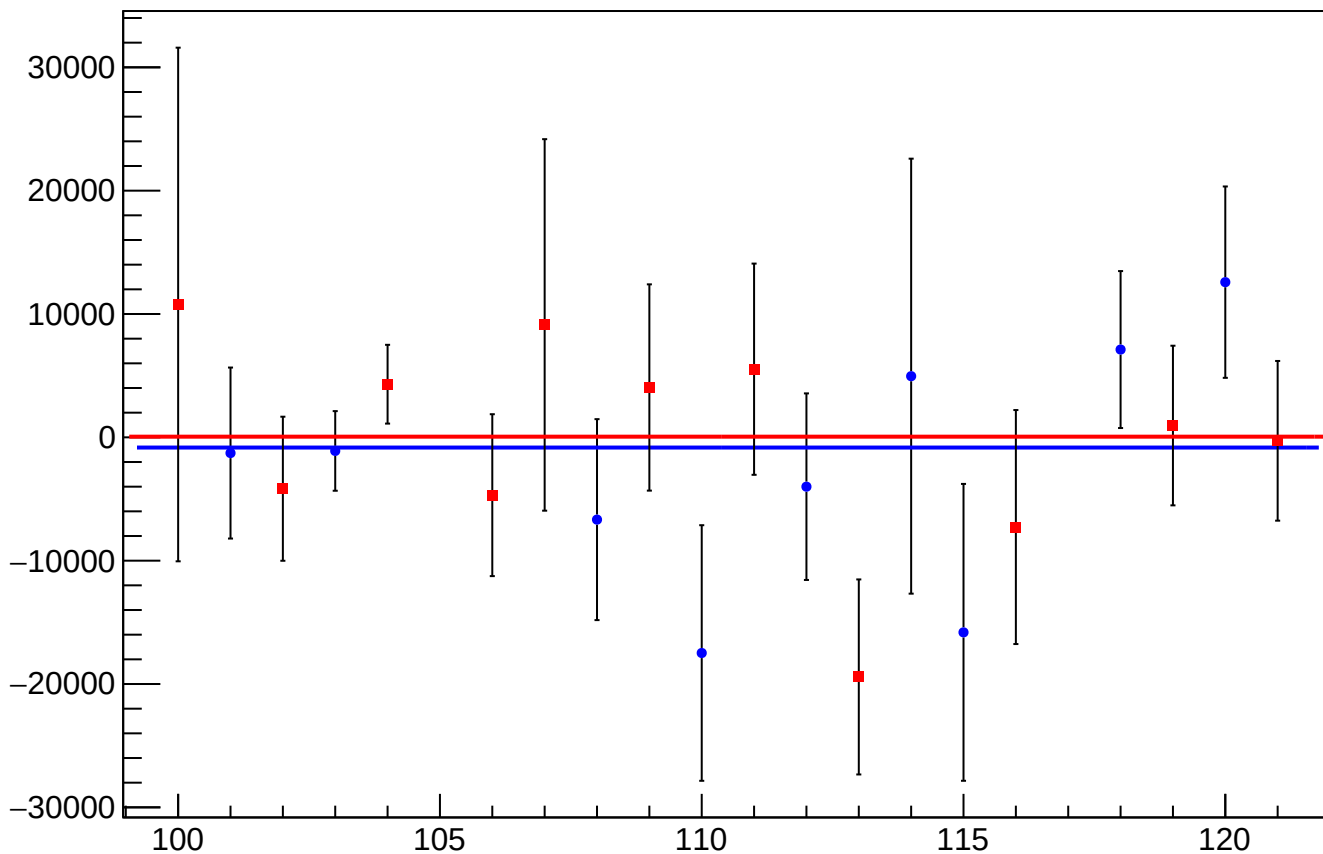
Right: 1871.960+/-0.472 χ^2/NDF : 379963.7/19

In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1871.960+/-0.472 χ^2/NDF : 379963.7/19

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -827.693+/-2181.877 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.236+/-1960.864 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

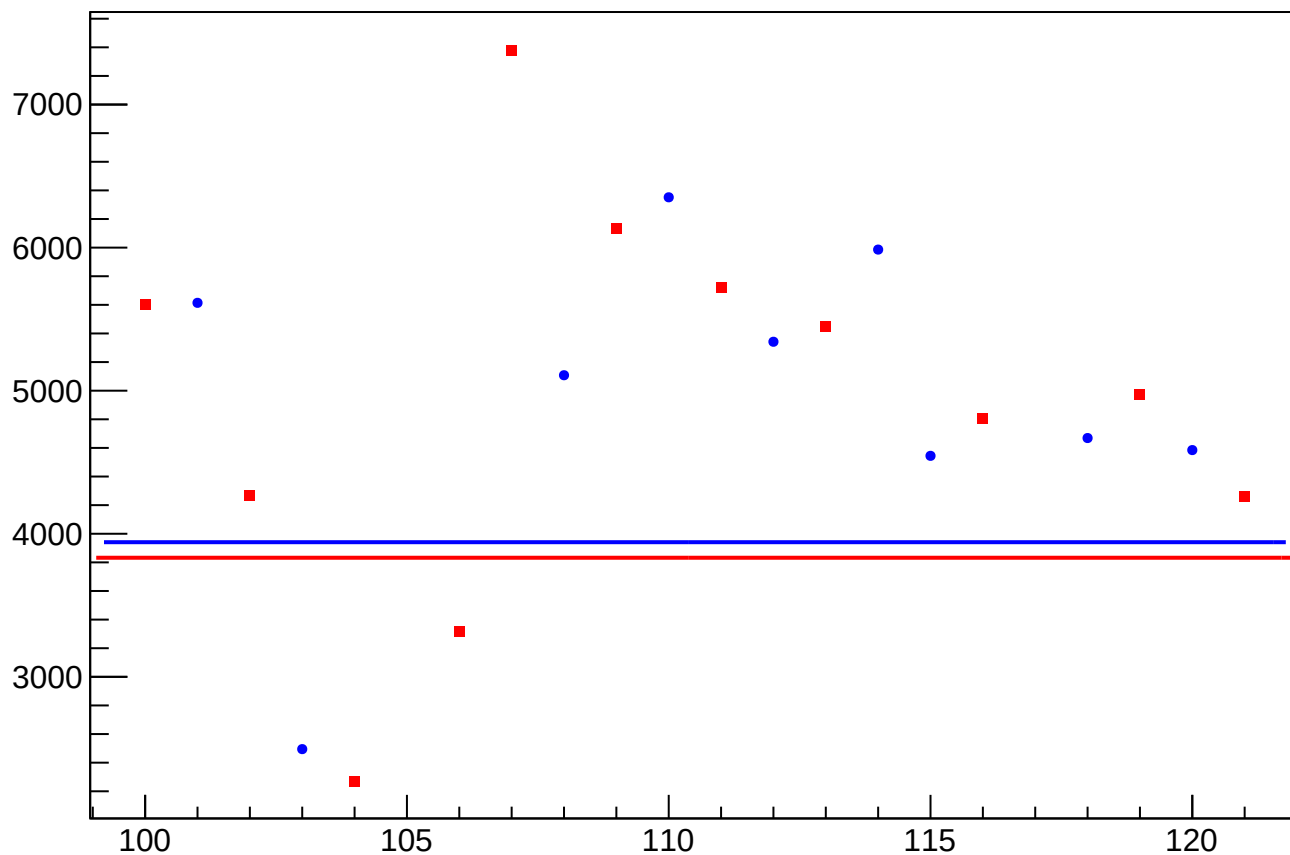
Right: -339.811+/-1458.437 χ^2/NDF : 20.4/19

In: -827.693+/-2181.877 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -339.811+/-1458.437 χ^2/NDF : 20.4/19

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3832.369+/-1.387 χ^2/NDF : 1052651.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

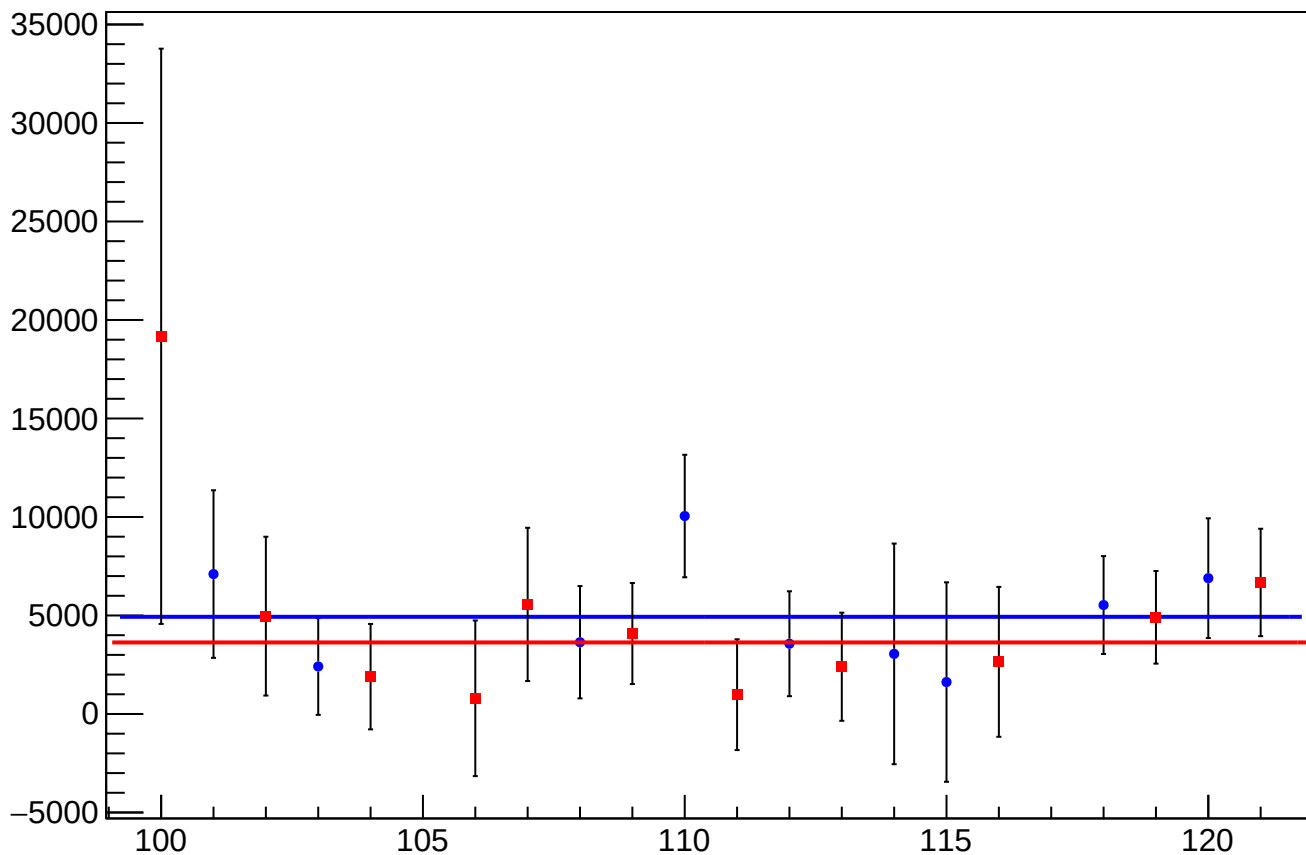
Right: 3880.908+/-1.031 χ^2/NDF : 1863128.3/19

In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.908+/-1.031 χ^2/NDF : 1863128.3/19

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4932.300+/-1037.129 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3631.929+/-939.901 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

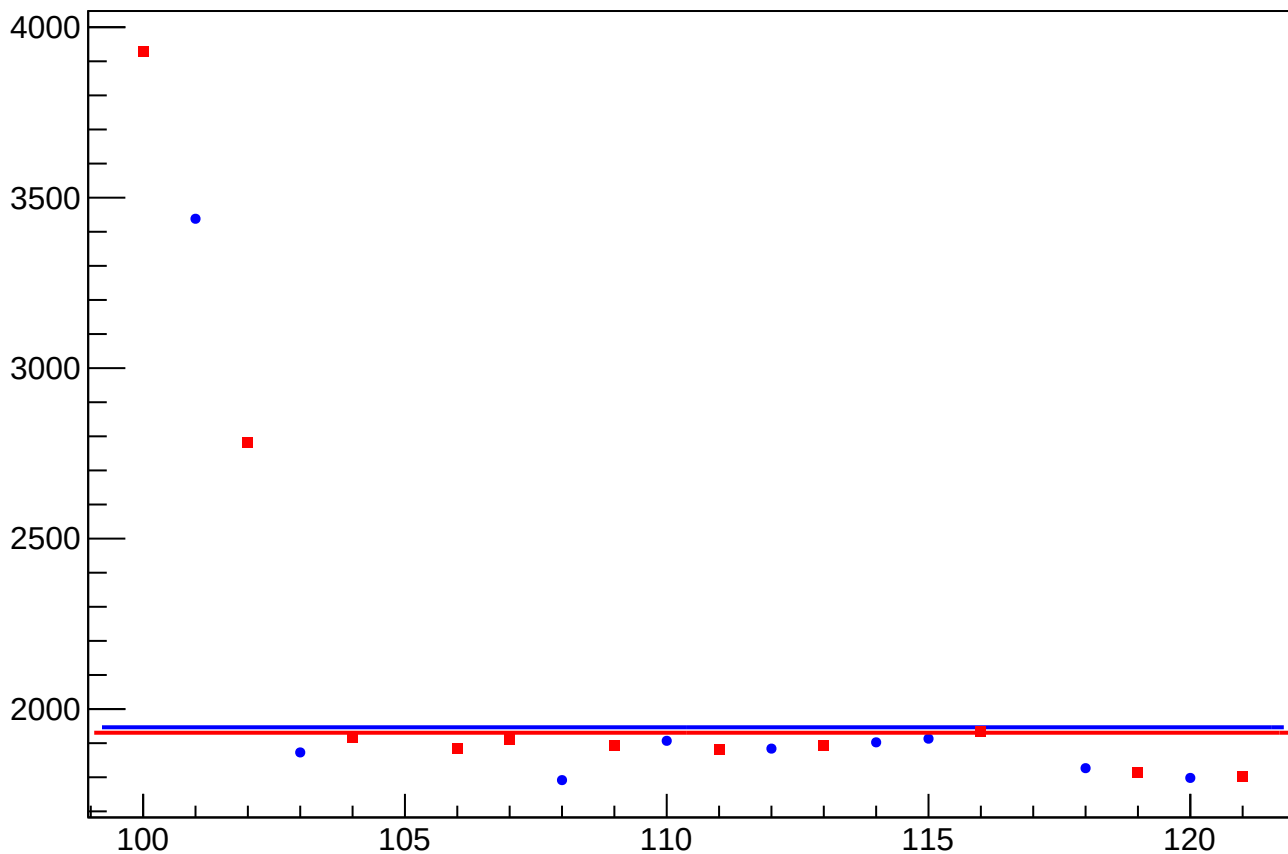
Right: 4218.318+/-696.453 χ^2/NDF : 11.5/19

In: 4932.300+/-1037.129 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4218.318+/-696.453 χ^2/NDF : 11.5/19

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1946.622+/-0.733 χ^2/NDF : 264740.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.617+/-0.663 χ^2/NDF : 137768.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

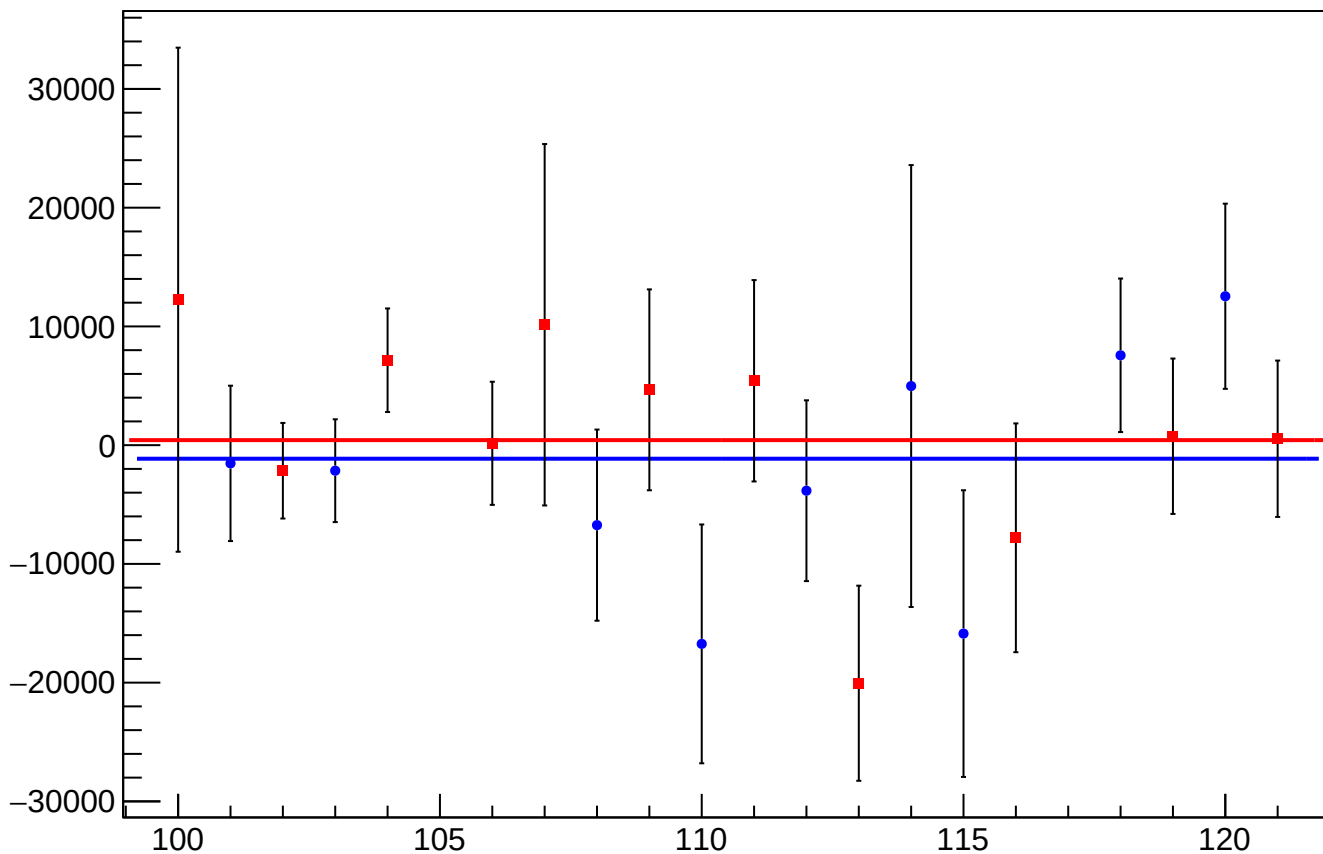
Right: 1937.820+/-0.492 χ^2/NDF : 402770.8/19

In: 1946.622+/-0.733 χ^2/NDF : 264740.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.820+/-0.492 χ^2/NDF : 402770.8/19

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1141.616+/-2429.524 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.452+/-1969.100 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

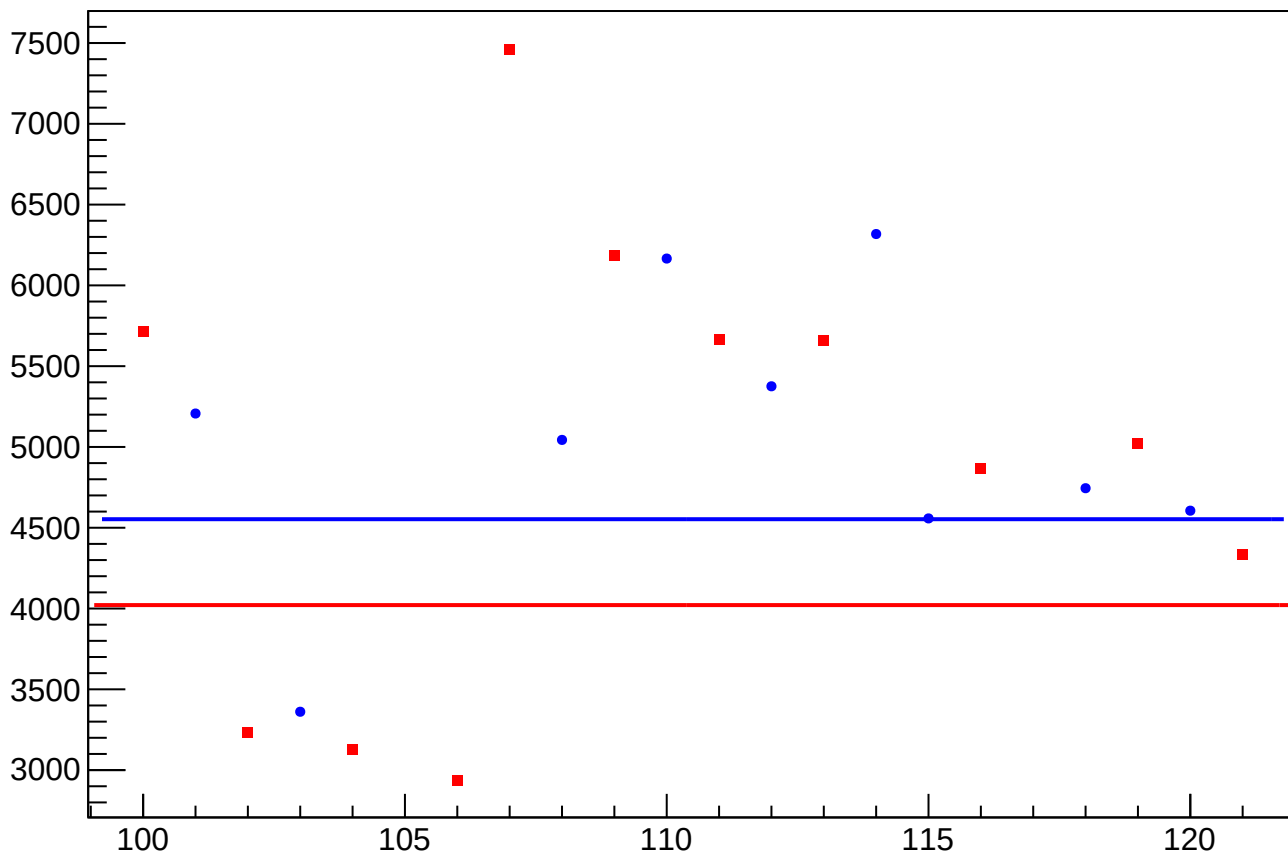
Right: -197.034+/-1529.752 χ^2/NDF : 20.9/19

In: -1141.616+/-2429.524 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.034+/-1529.752 χ^2/NDF : 20.9/19

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4552.838+/-1.718 χ^2/NDF : 273632.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4021.291+/-1.392 χ^2/NDF : 714728.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

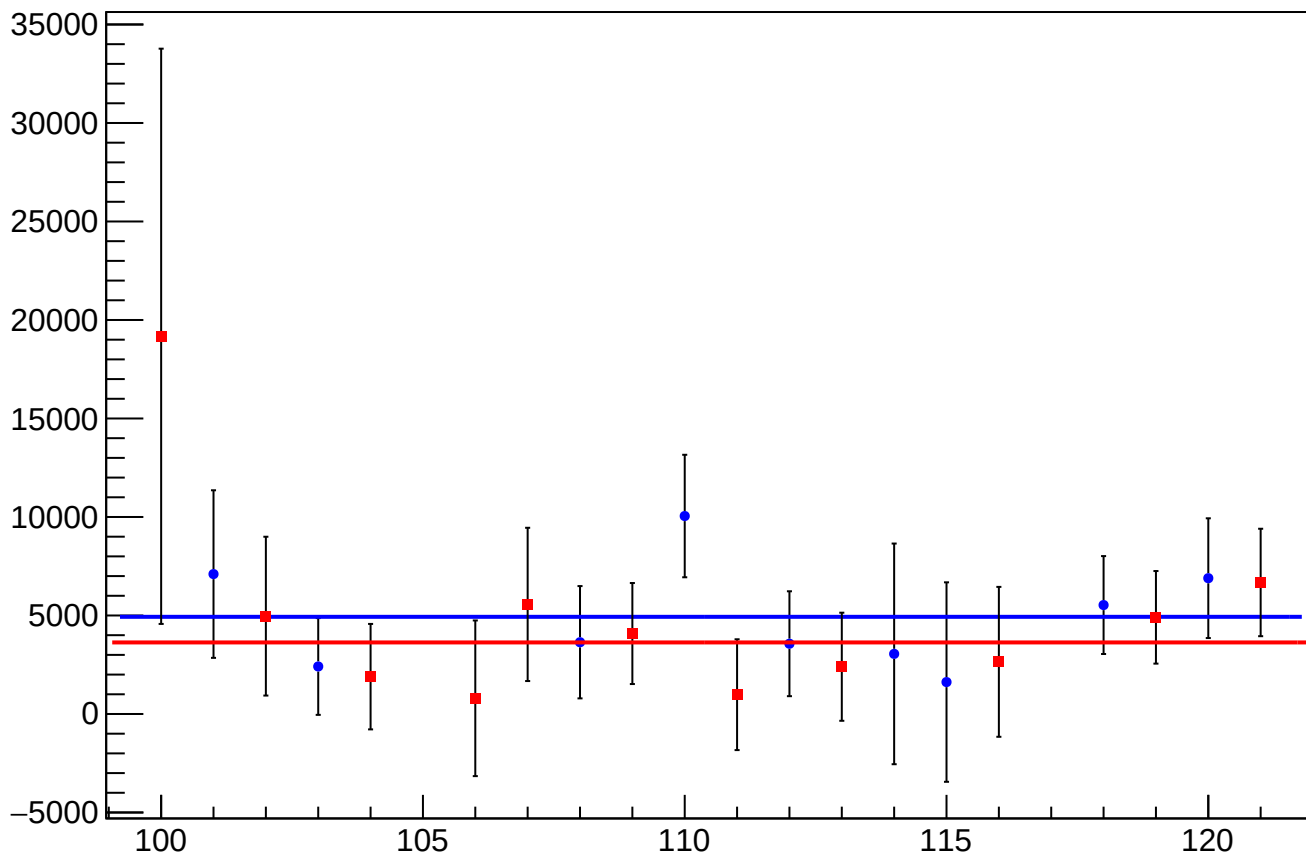
Right: 4232.028+/-1.082 χ^2/NDF : 1046140.1/19

In: 4552.838+/-1.718 χ^2/NDF : 273632.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4232.028+/-1.082 χ^2/NDF : 1046140.1/19

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4932.294+/-1037.129 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3631.932+/-939.900 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

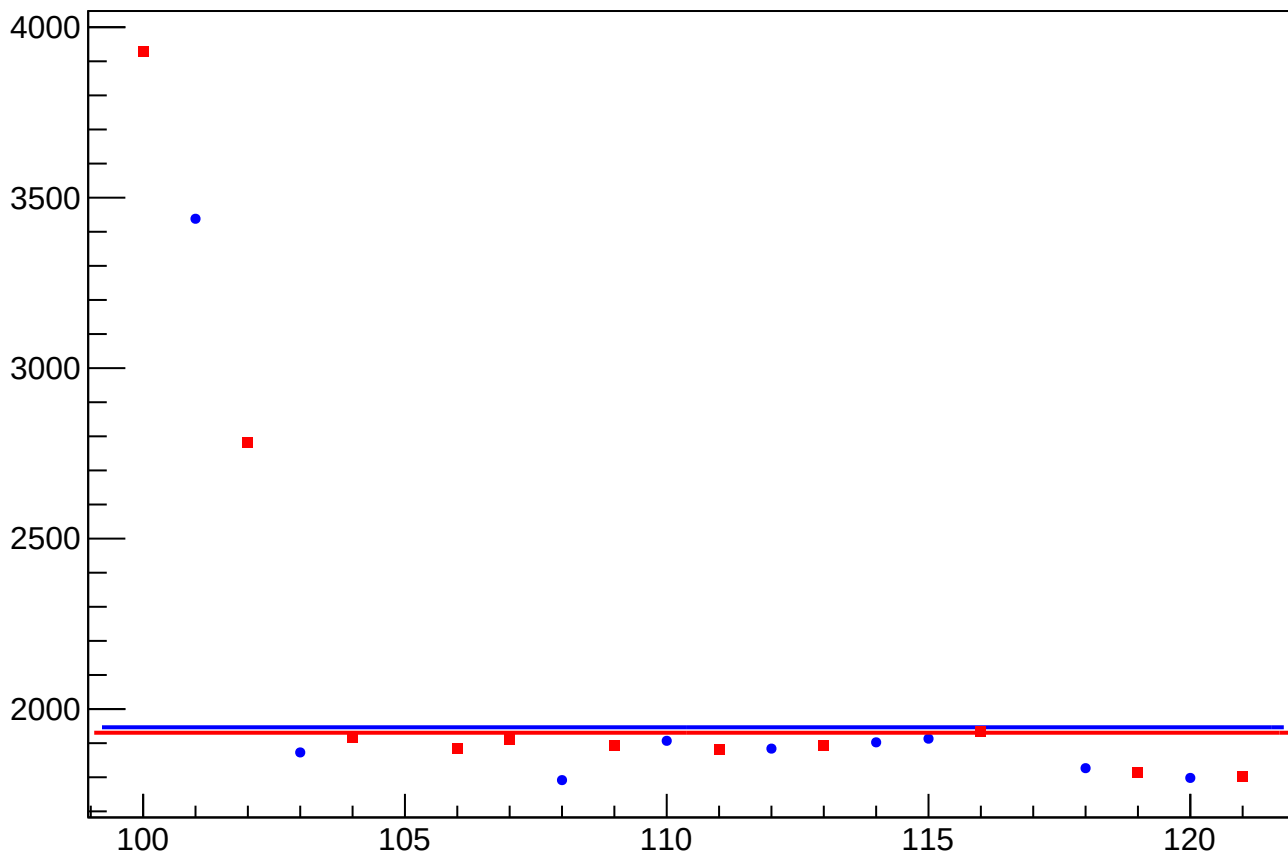
Right: 4218.316+/-696.453 χ^2/NDF : 11.5/19

In: 4932.294+/-1037.129 χ^2/NDF :5.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4218.316+/-696.453 χ^2/NDF : 11.5/19

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1946.621+/-0.733 χ^2/NDF : 264740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.616+/-0.663 χ^2/NDF : 137768.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

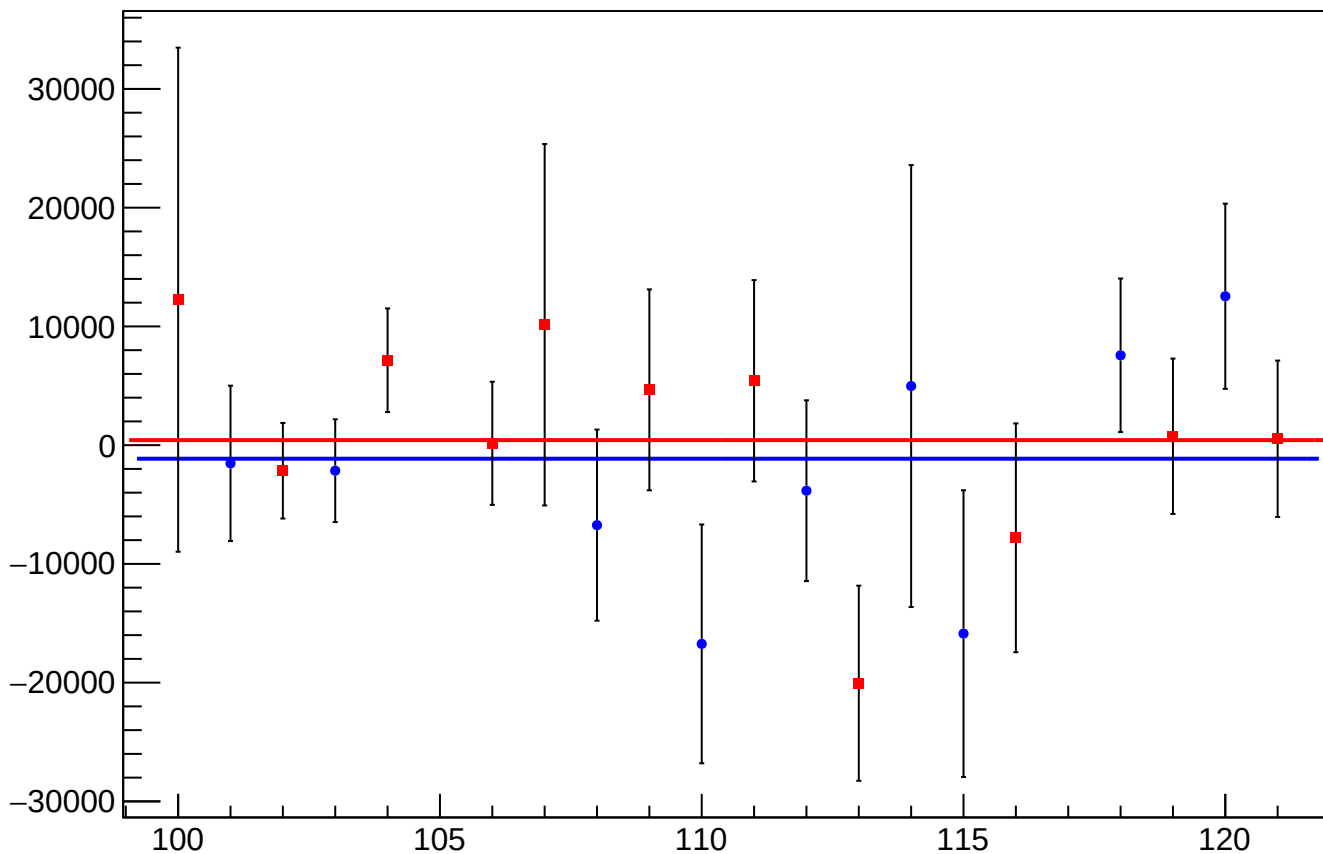
Right: 1937.819+/-0.492 χ^2/NDF : 402770.4/19

In: 1946.621+/-0.733 χ^2/NDF : 264740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.819+/-0.492 χ^2/NDF : 402770.4/19

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1141.609+/-2429.517 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.452+/-1969.095 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

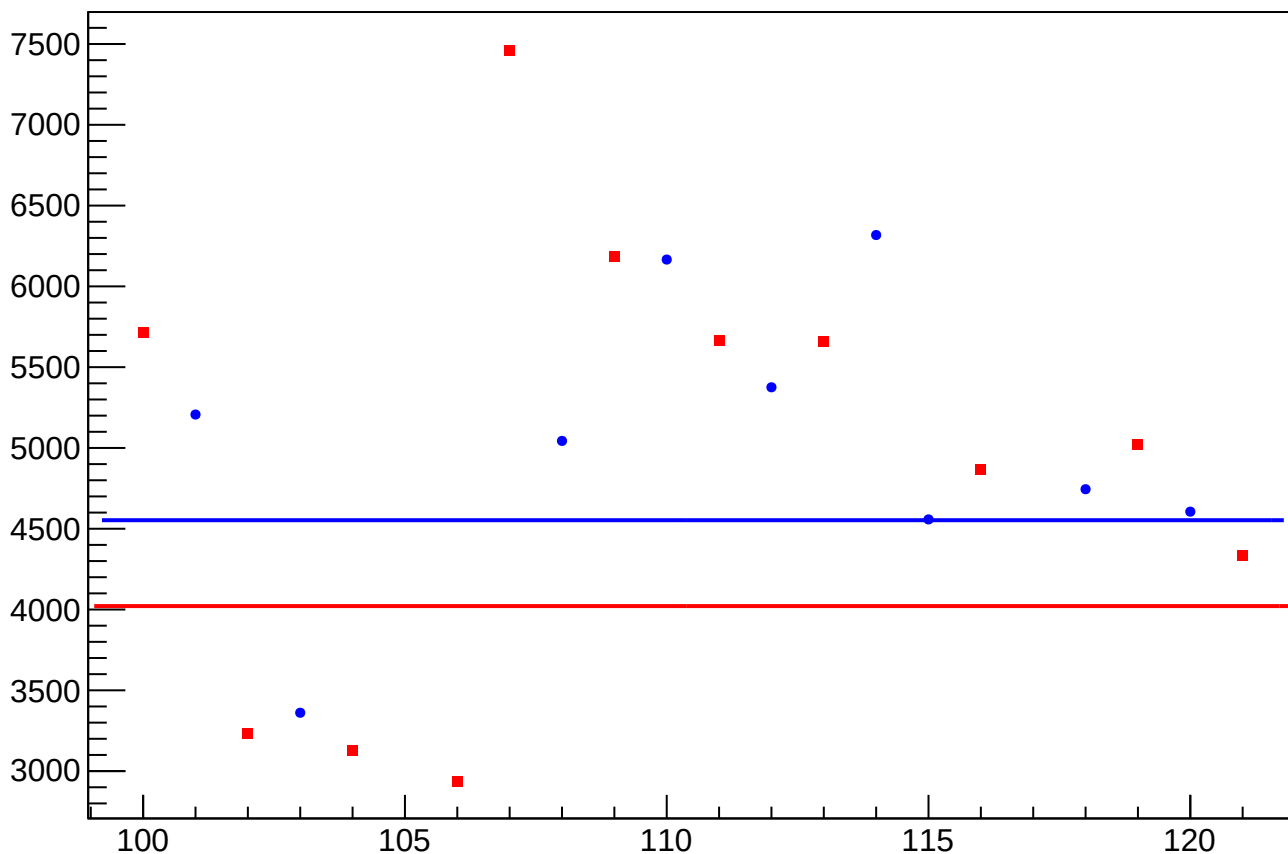
Right: -197.032+/-1529.747 χ^2/NDF : 20.9/19

In: -1141.609+/-2429.517 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.032+/-1529.747 χ^2/NDF : 20.9/19

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4552.825+/-1.718 χ^2/NDF : 273632.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4021.281+/-1.392 χ^2/NDF : 714726.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

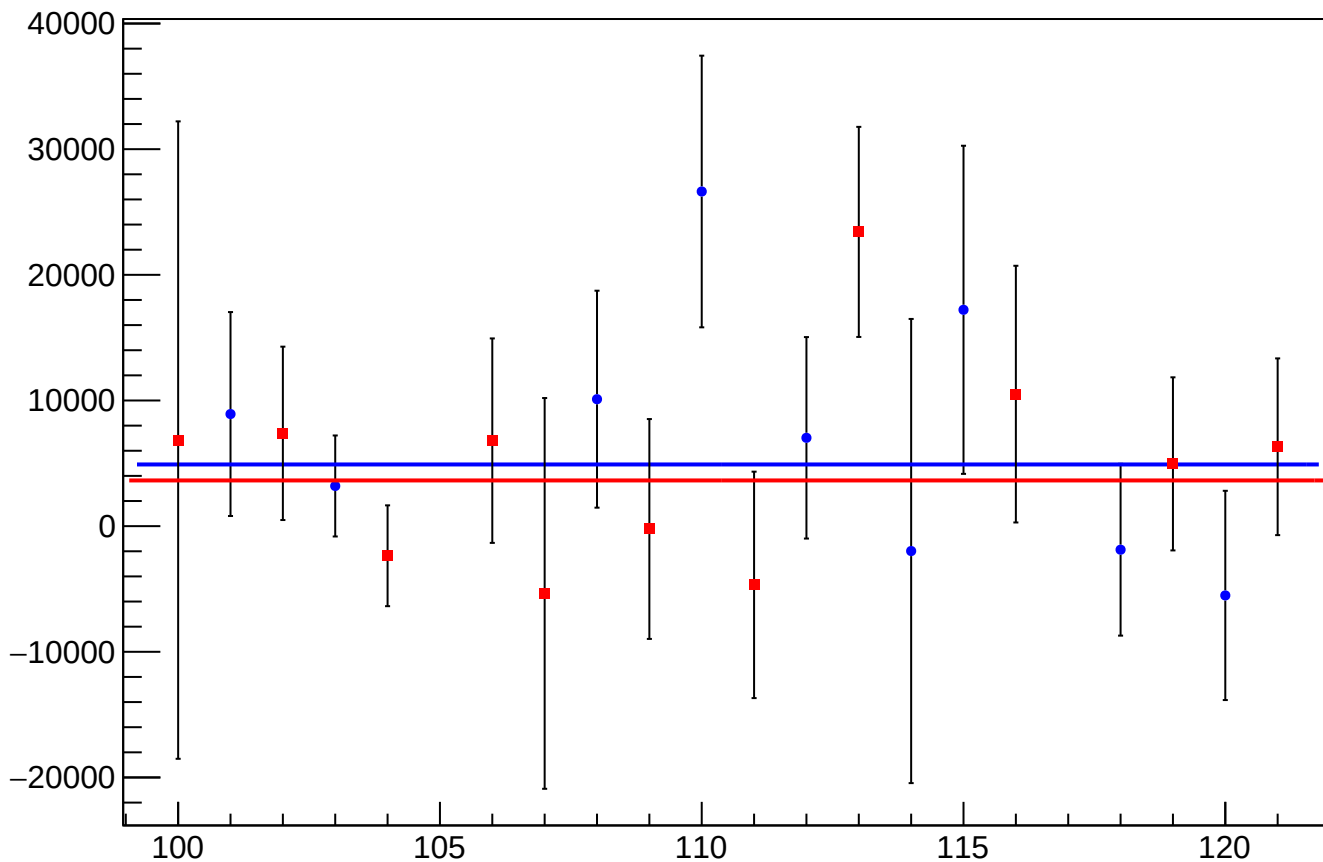
Right: 4232.017+/-1.082 χ^2/NDF : 1046138.3/19

In: 4552.825+/-1.718 χ^2/NDF : 273632.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4232.017+/-1.082 χ^2/NDF : 1046138.3/19

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4909.472+/-2505.942 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3637.529+/-2267.385 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

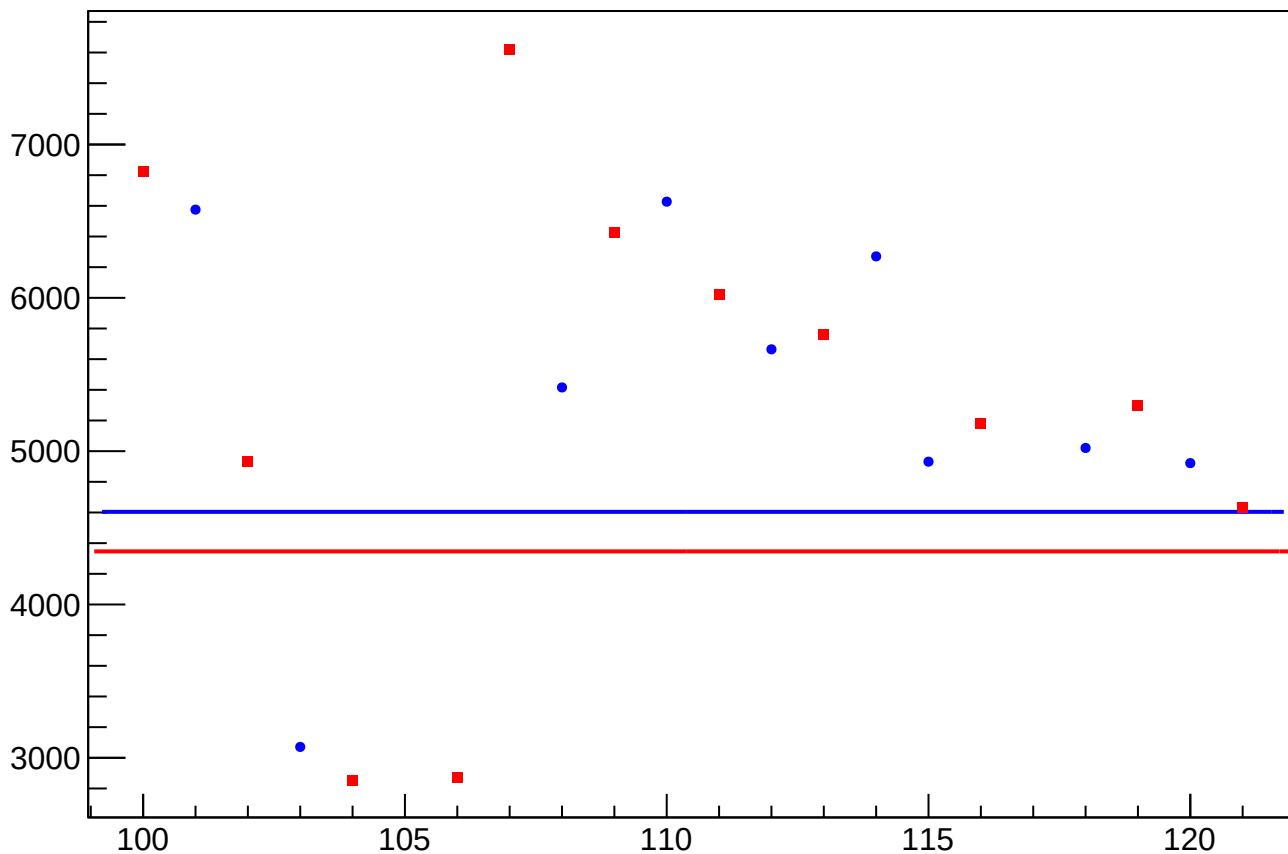
Right: 4210.091+/-1681.312 χ^2/NDF : 18.9/19

In: 4909.472+/-2505.942 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4210.091+/-1681.312 χ^2/NDF : 18.9/19

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4604.198+/-1.772 χ^2/NDF : 559649.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4346.386+/-1.559 χ^2/NDF : 808260.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

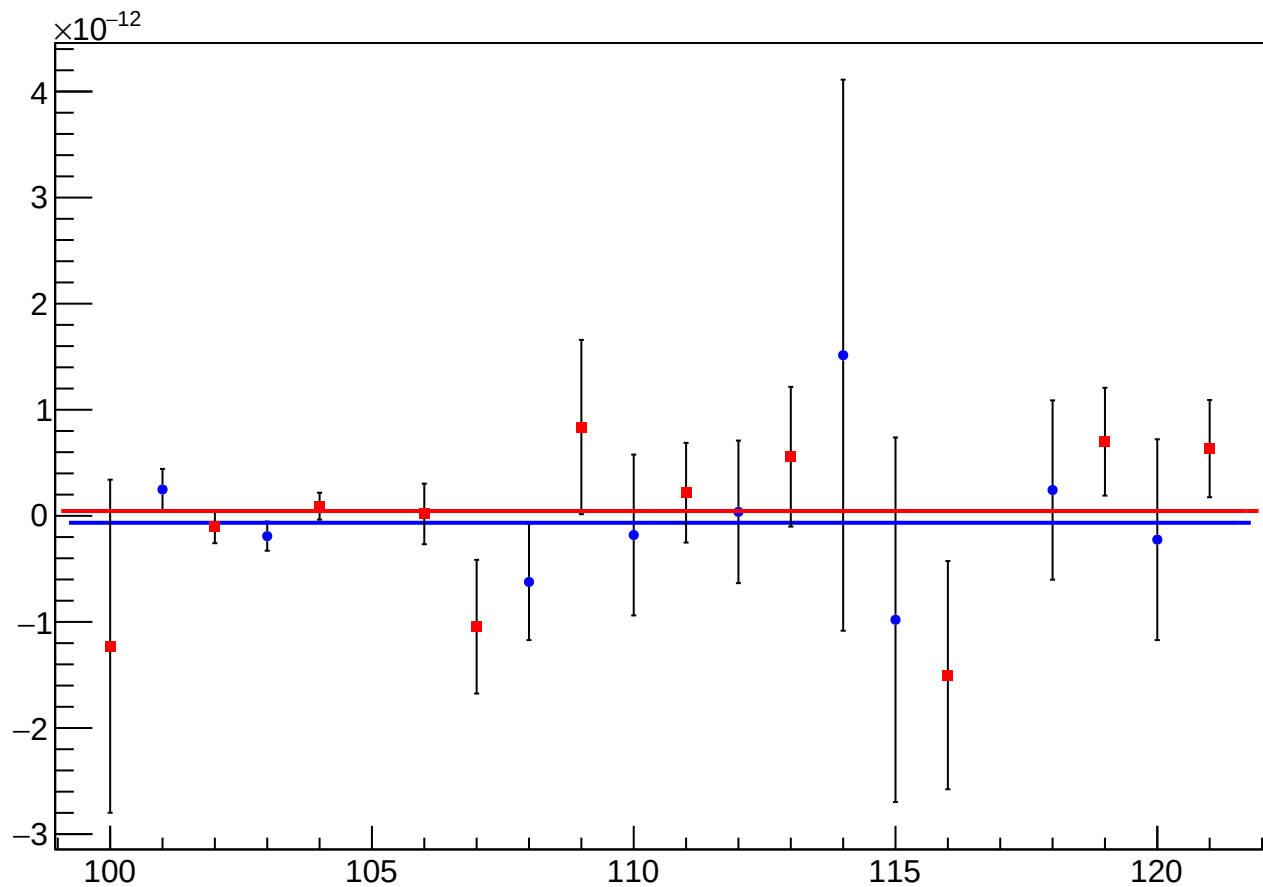
Right: 4458.863+/-1.170 χ^2/NDF : 1379843.7/19

In: 4604.198+/-1.772 χ^2/NDF : 559649.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.863+/-1.170 χ^2/NDF : 1379843.7/19

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 5.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

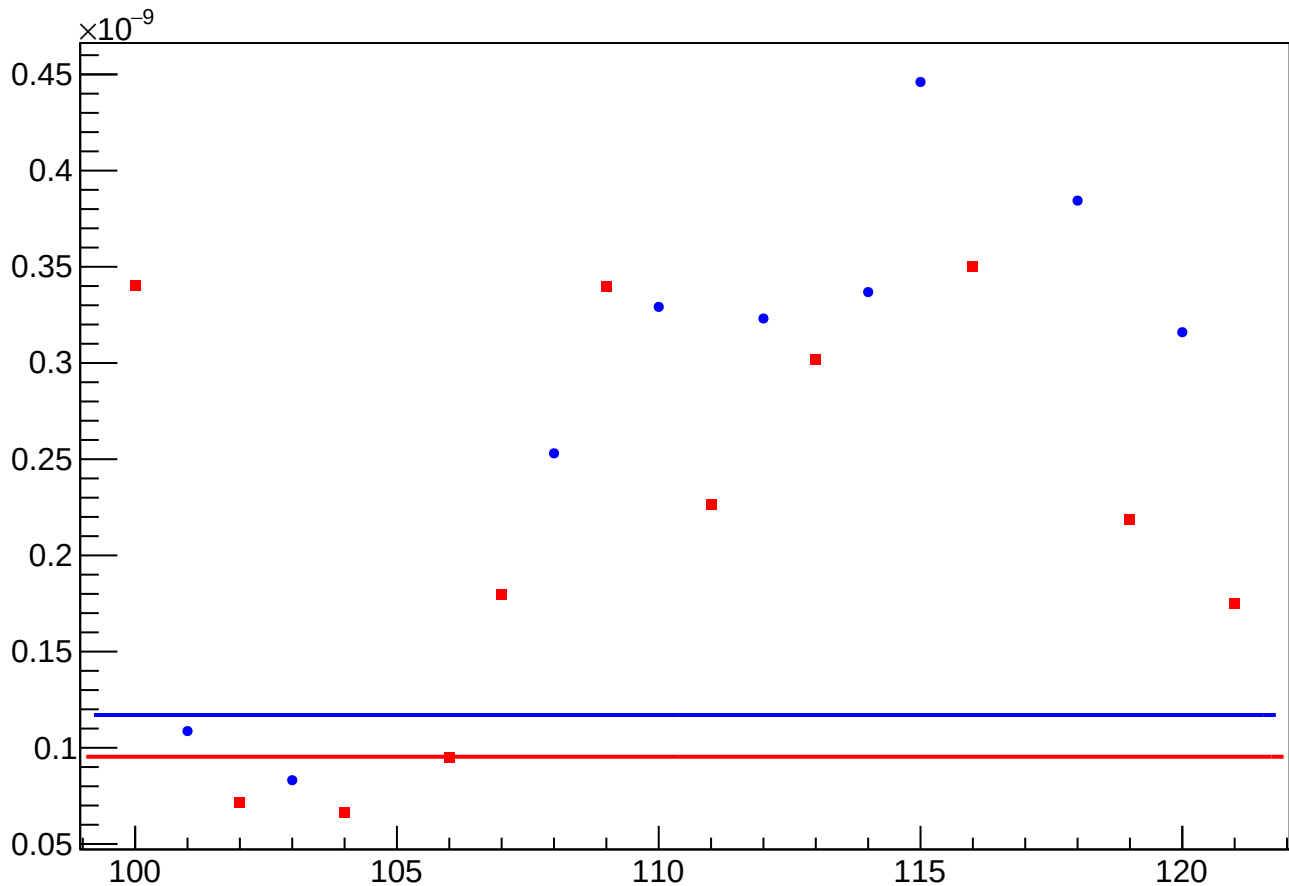
Right: 0.000 ± 0.000 χ^2/NDF : 17.8/19

In: -0.000 ± 0.000 χ^2/NDF : 5.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 17.8/19

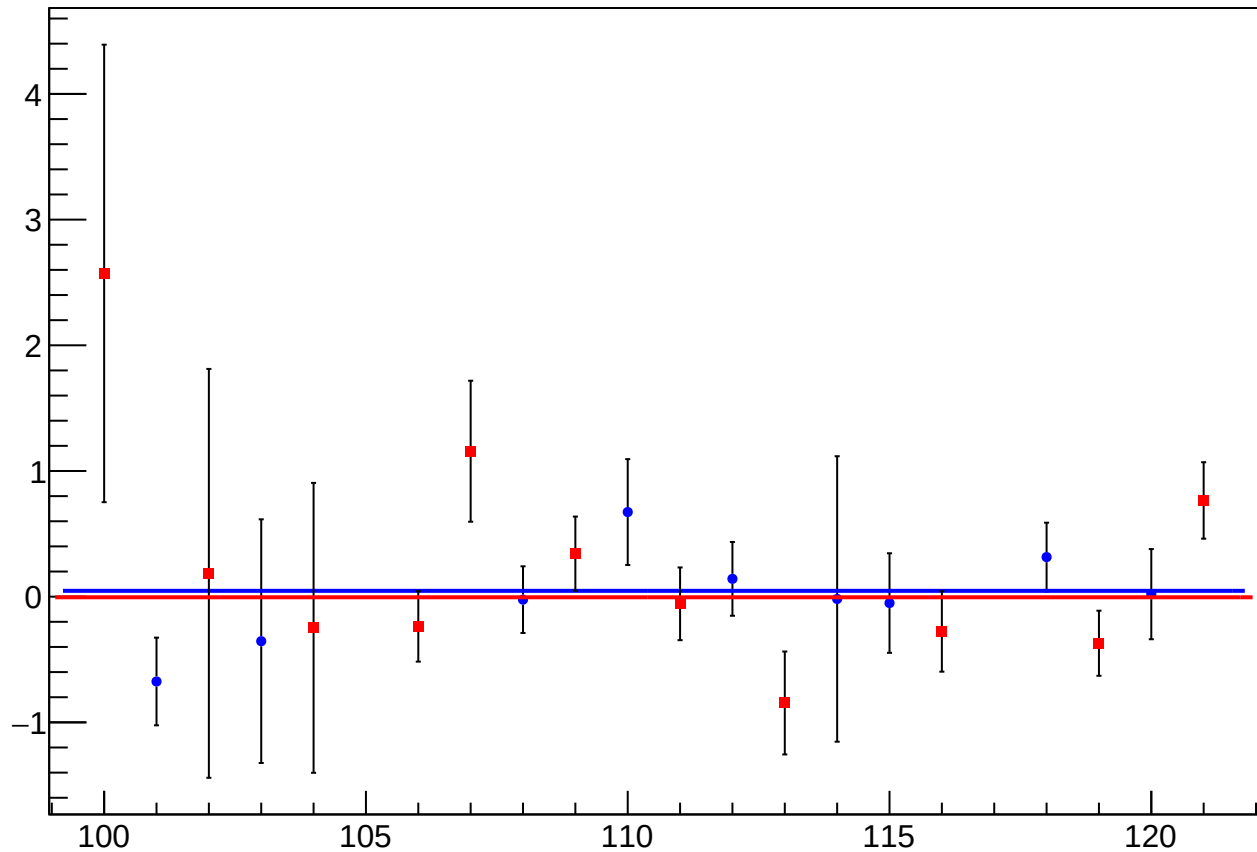
asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 969431.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1057801.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2078443.7/19
 In: 0.000+/-0.000 χ^2/NDF : 969431.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2078443.7/19

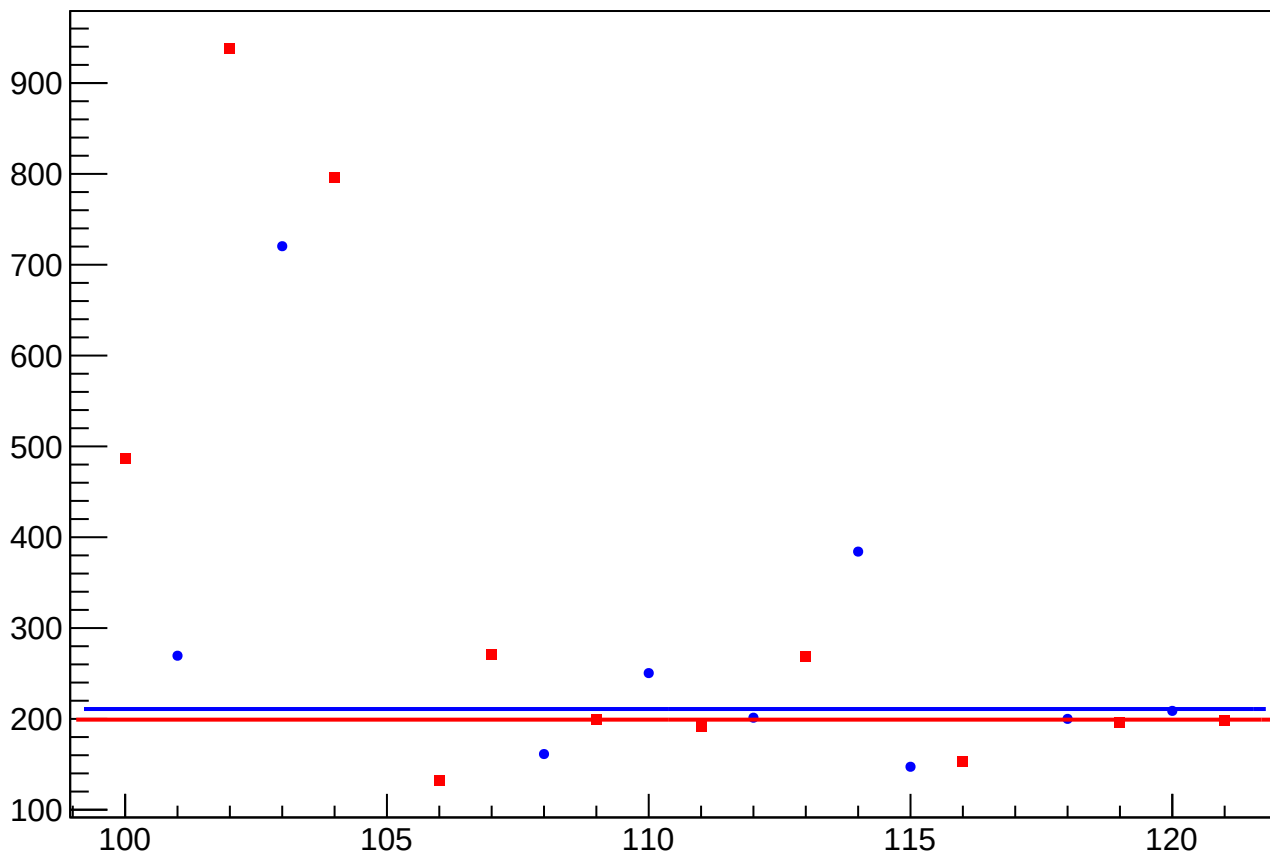
asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.005+/-0.110 χ^2/NDF : 21.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.019+/-0.081 χ^2/NDF : 29.8/19
 In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.019+/-0.081 χ^2/NDF : 29.8/19

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882+/-0.085 χ^2/NDF : 799958.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.176+/-0.078 χ^2/NDF : 1245936.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

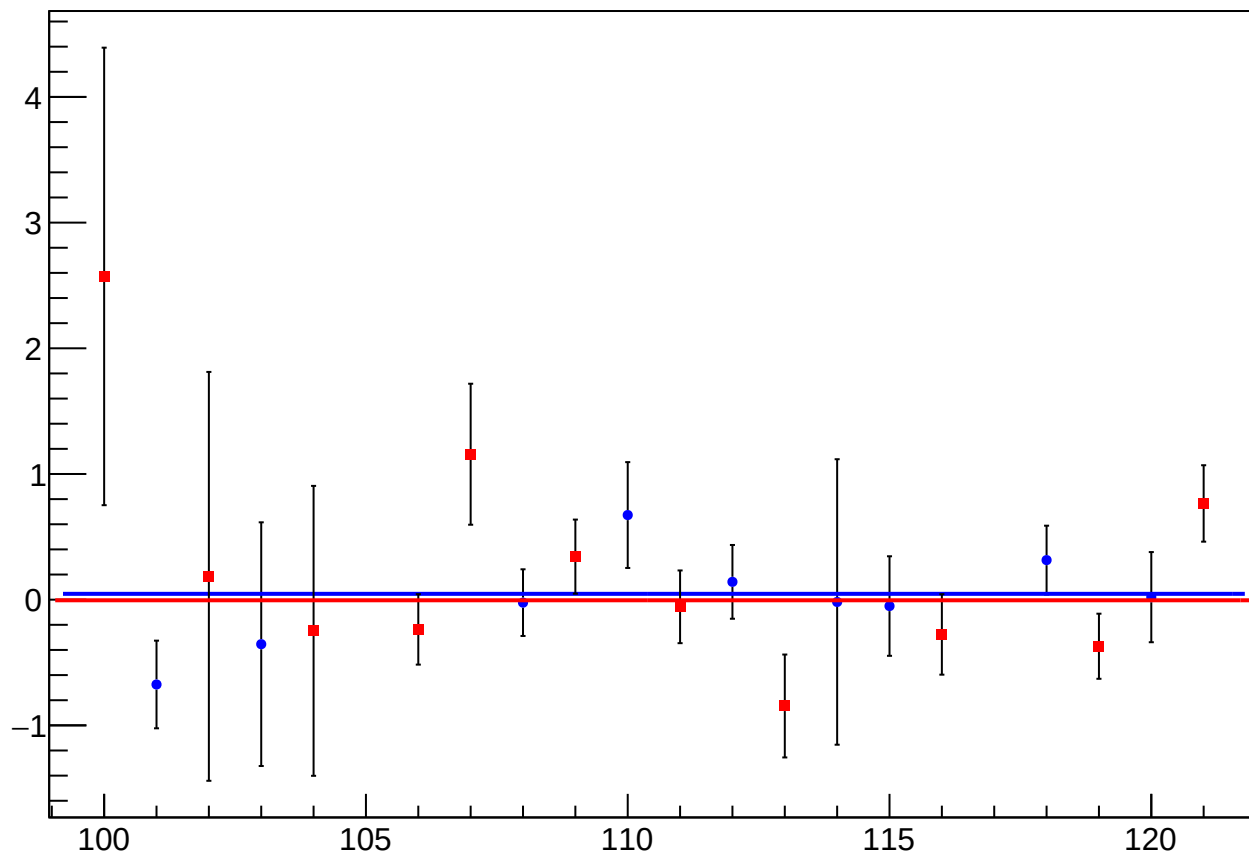
Right: 204.518+/-0.057 χ^2/NDF : 2056180.6/19

In: 210.882+/-0.085 χ^2/NDF : 799958.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.518+/-0.057 χ^2/NDF : 2056180.6/19

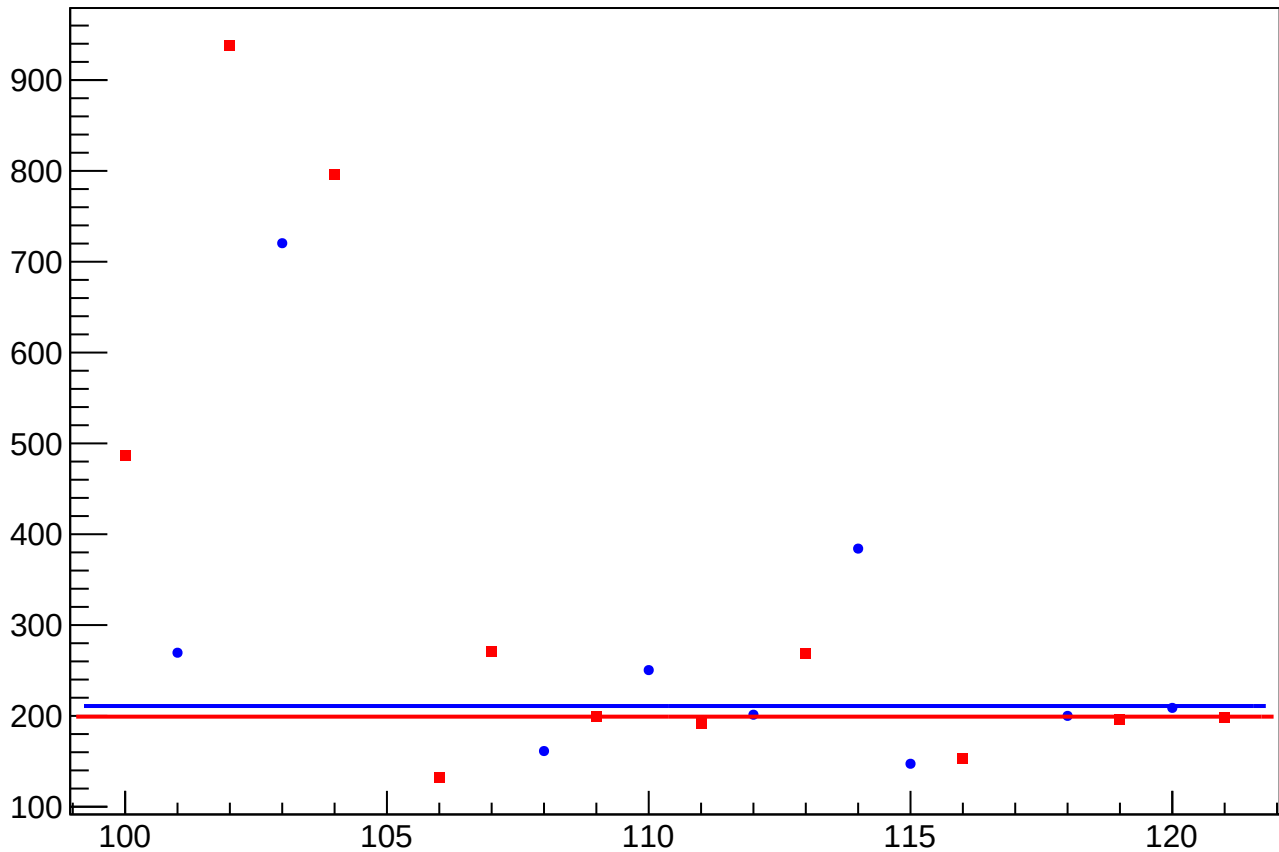
asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.005+/-0.110 χ^2/NDF : 21.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.019+/-0.081 χ^2/NDF : 29.8/19
 In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.019+/-0.081 χ^2/NDF : 29.8/19

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882+/-0.085 χ^2/NDF : 799958.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.176+/-0.078 χ^2/NDF : 1245936.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

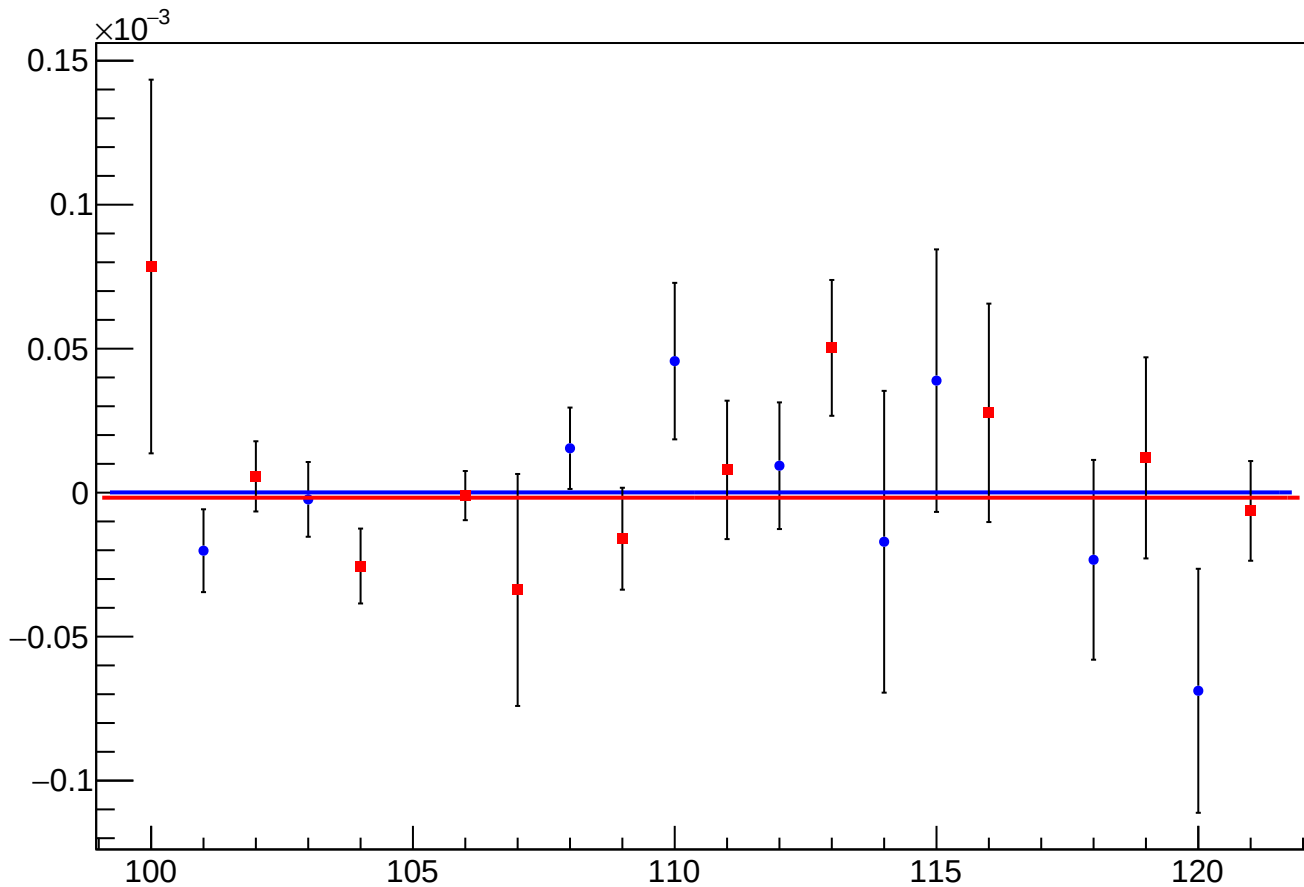
Right: 204.518+/-0.057 χ^2/NDF : 2056180.6/19

In: 210.882+/-0.085 χ^2/NDF : 799958.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.518+/-0.057 χ^2/NDF : 2056180.6/19

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 : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

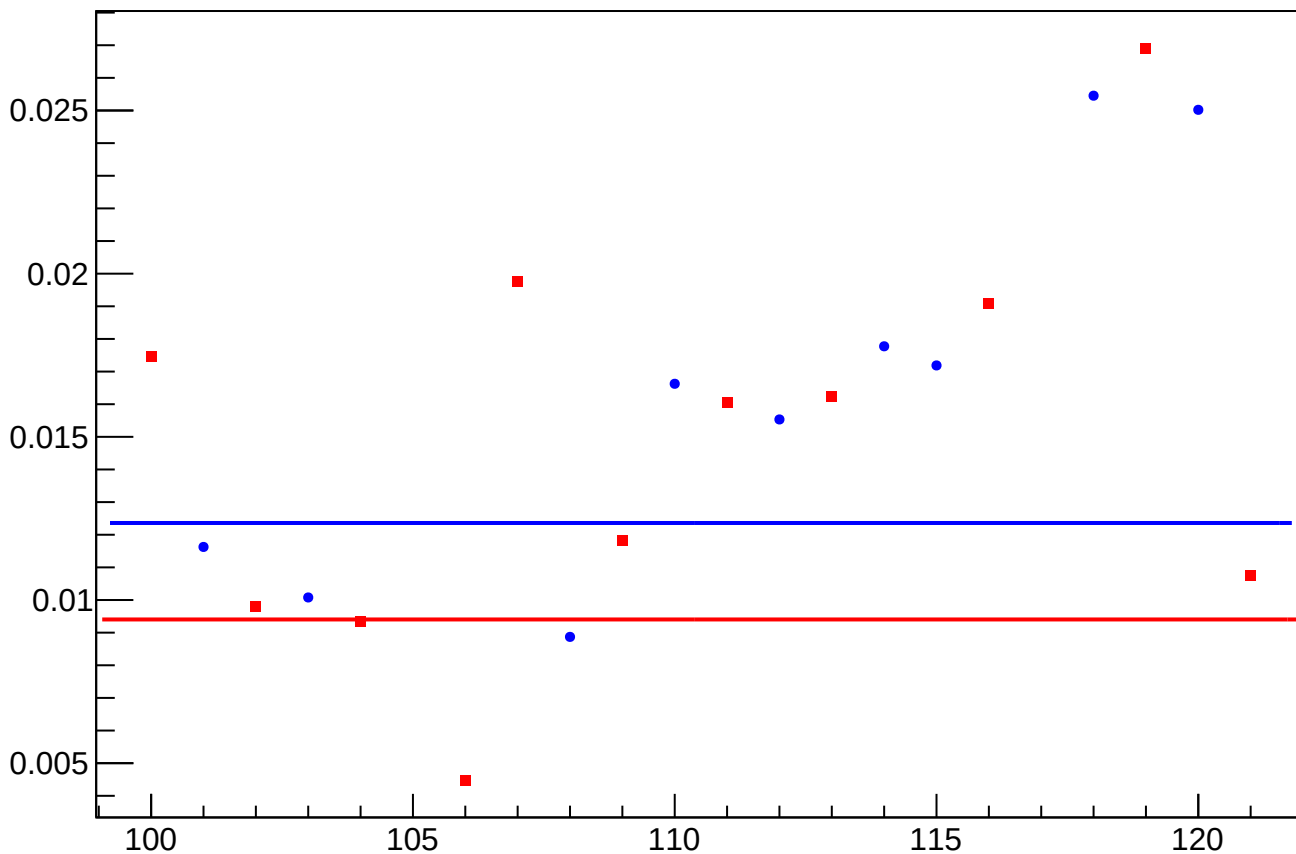
Right: -0.000+/-0.000 χ^2/NDF : 22.5/19

In: 0.000+/-0.000 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/19

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 787208.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1836949.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

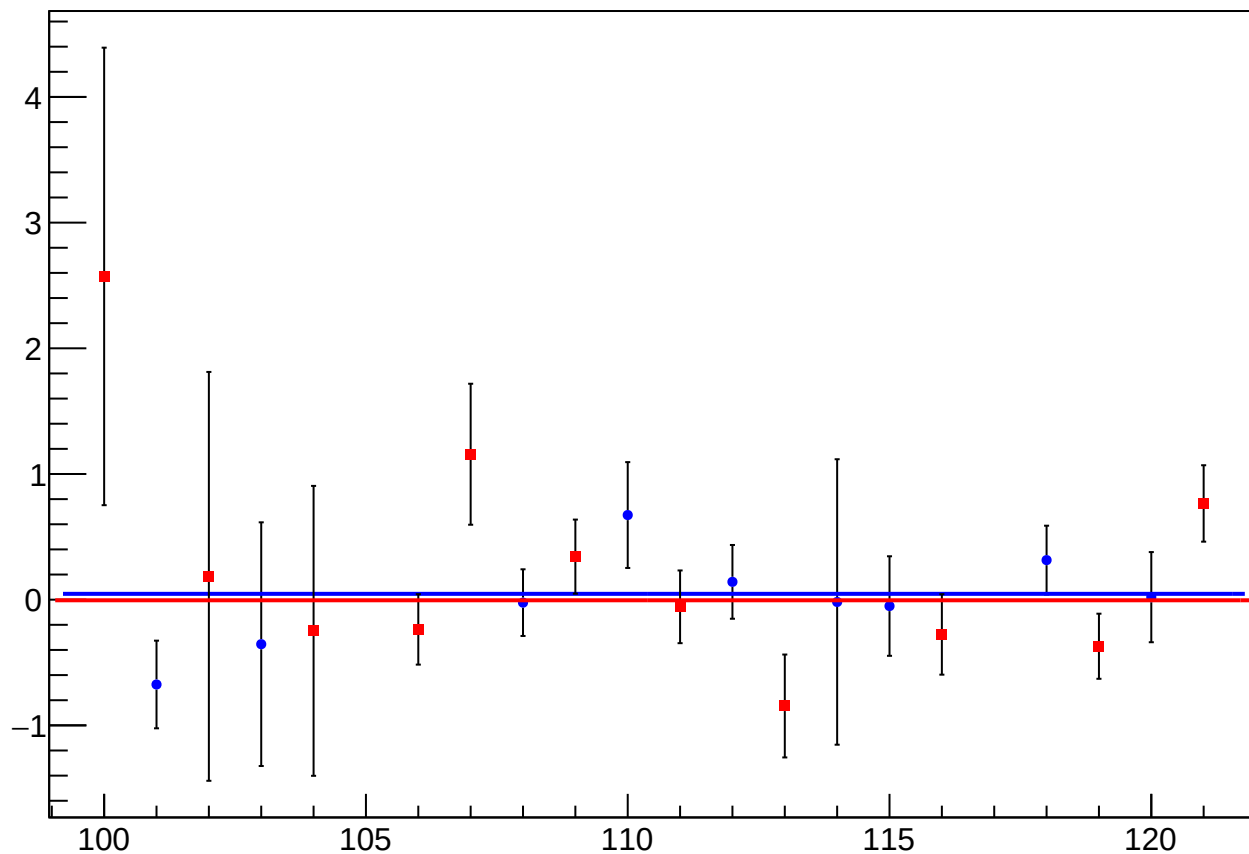
Right: 0.010+/-0.000 χ^2/NDF : 2865429.8/19

In: 0.012+/-0.000 χ^2/NDF : 787208.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2865429.8/19

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.110 χ^2/NDF : 21.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

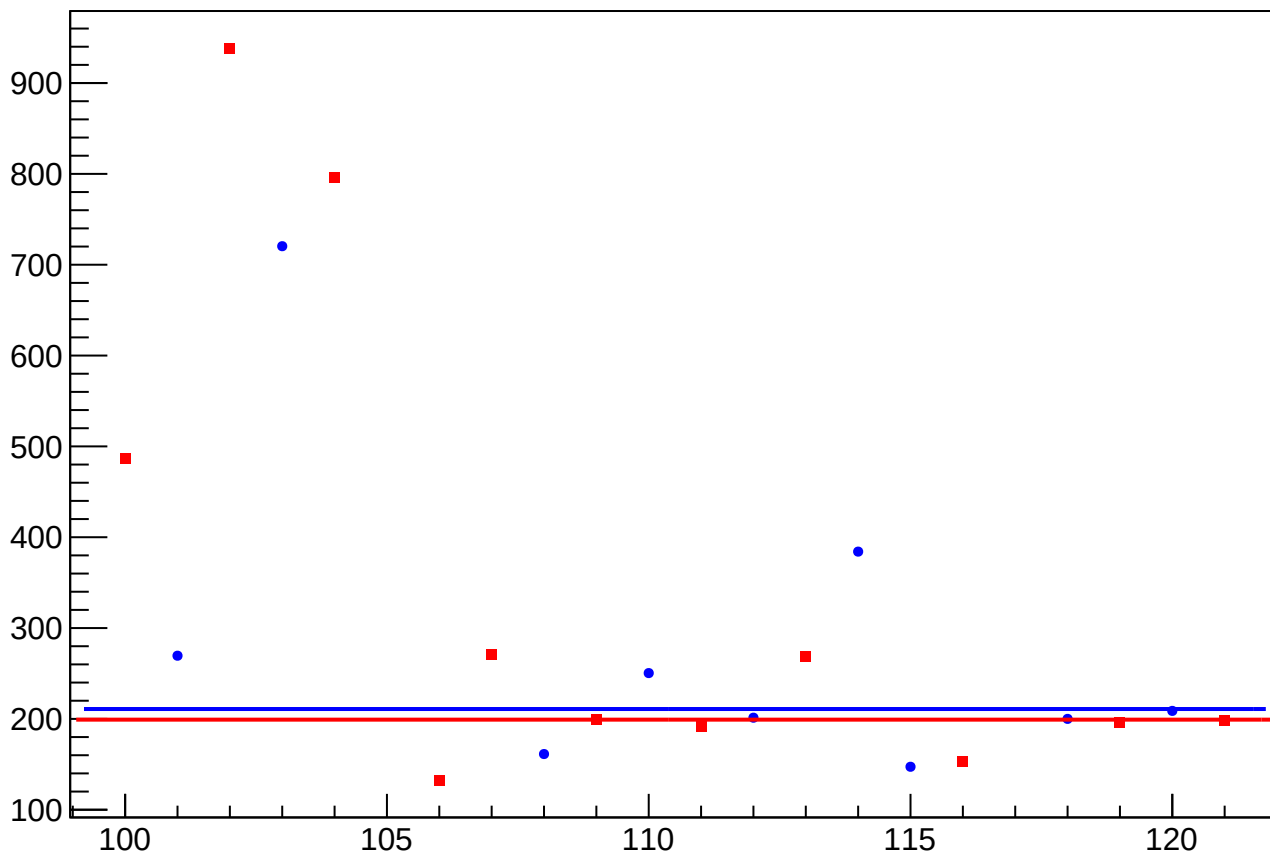
Right: 0.019+/-0.081 χ^2/NDF : 29.8/19

In: 0.046+/-0.120 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.081 χ^2/NDF : 29.8/19

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882 $\pm$ 0.085 χ^2 /NDF: 799944.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.175 $\pm$ 0.078 χ^2 /NDF: 1245921.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

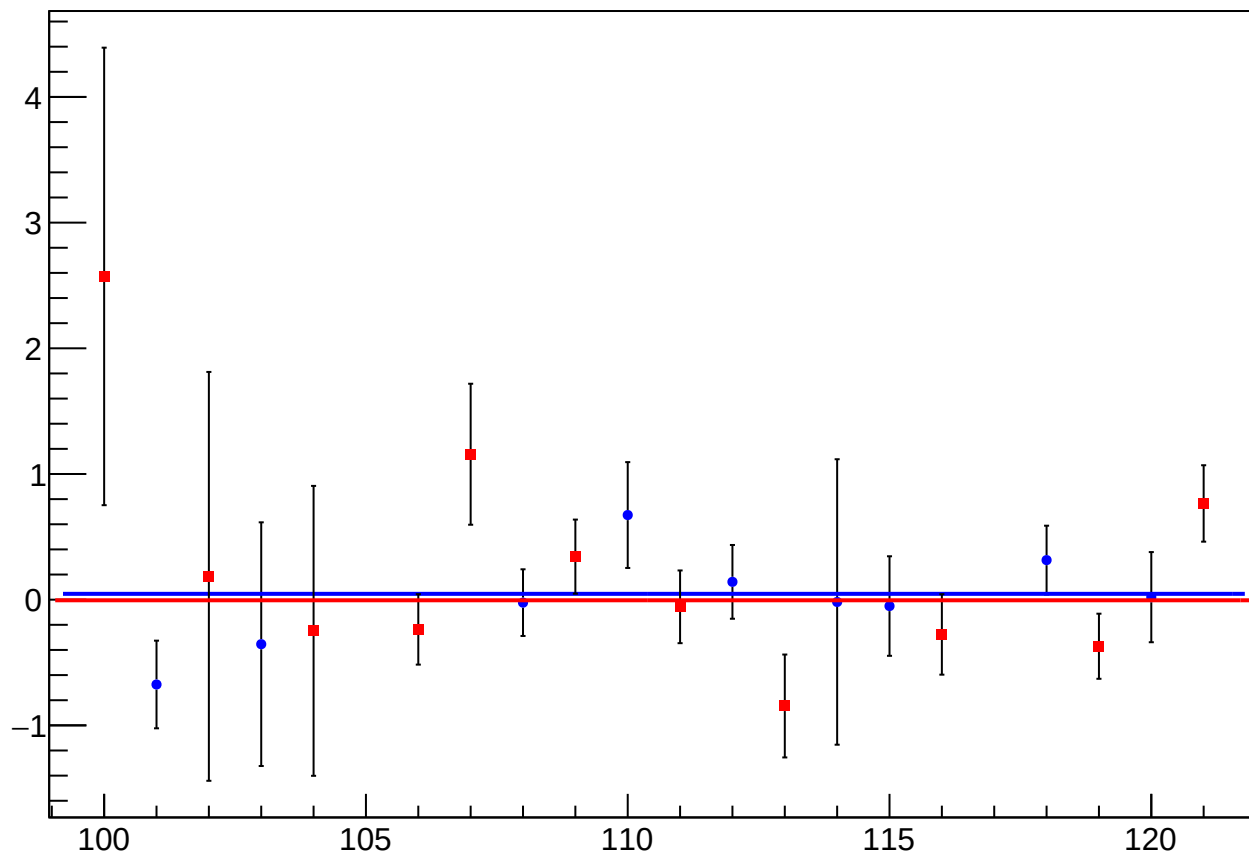
Right: 204.517 $\pm$ 0.057 χ^2 /NDF: 2056151.8/19

In: 210.882 $\pm$ 0.085 χ^2 /NDF:799944.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 204.517 $\pm$ 0.057 χ^2 /NDF: 2056151.8/19

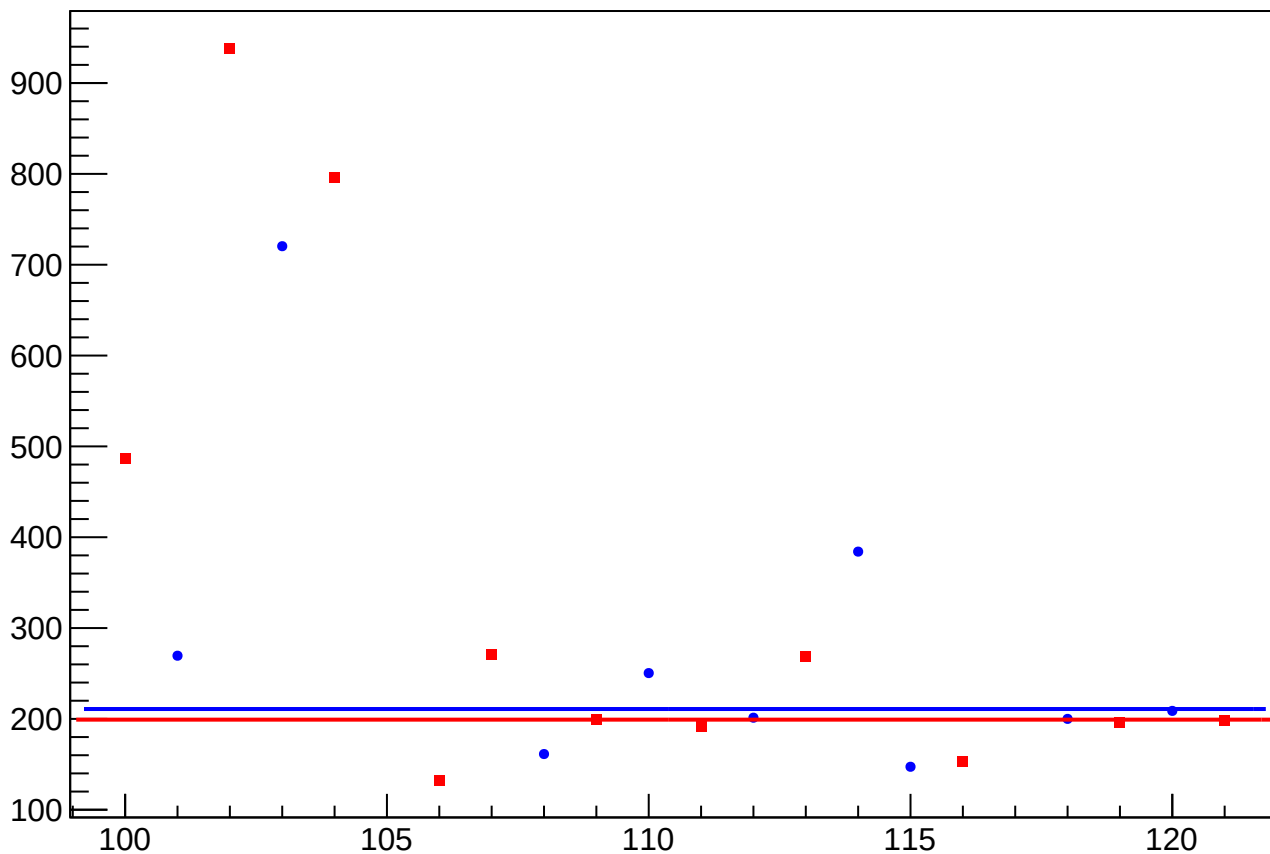
asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.005+/-0.110 χ^2/NDF : 21.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.019+/-0.081 χ^2/NDF : 29.8/19
 In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.019+/-0.081 χ^2/NDF : 29.8/19

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882+/-0.085 χ^2/NDF : 799944.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 199.175+/-0.078 χ^2/NDF : 1245921.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

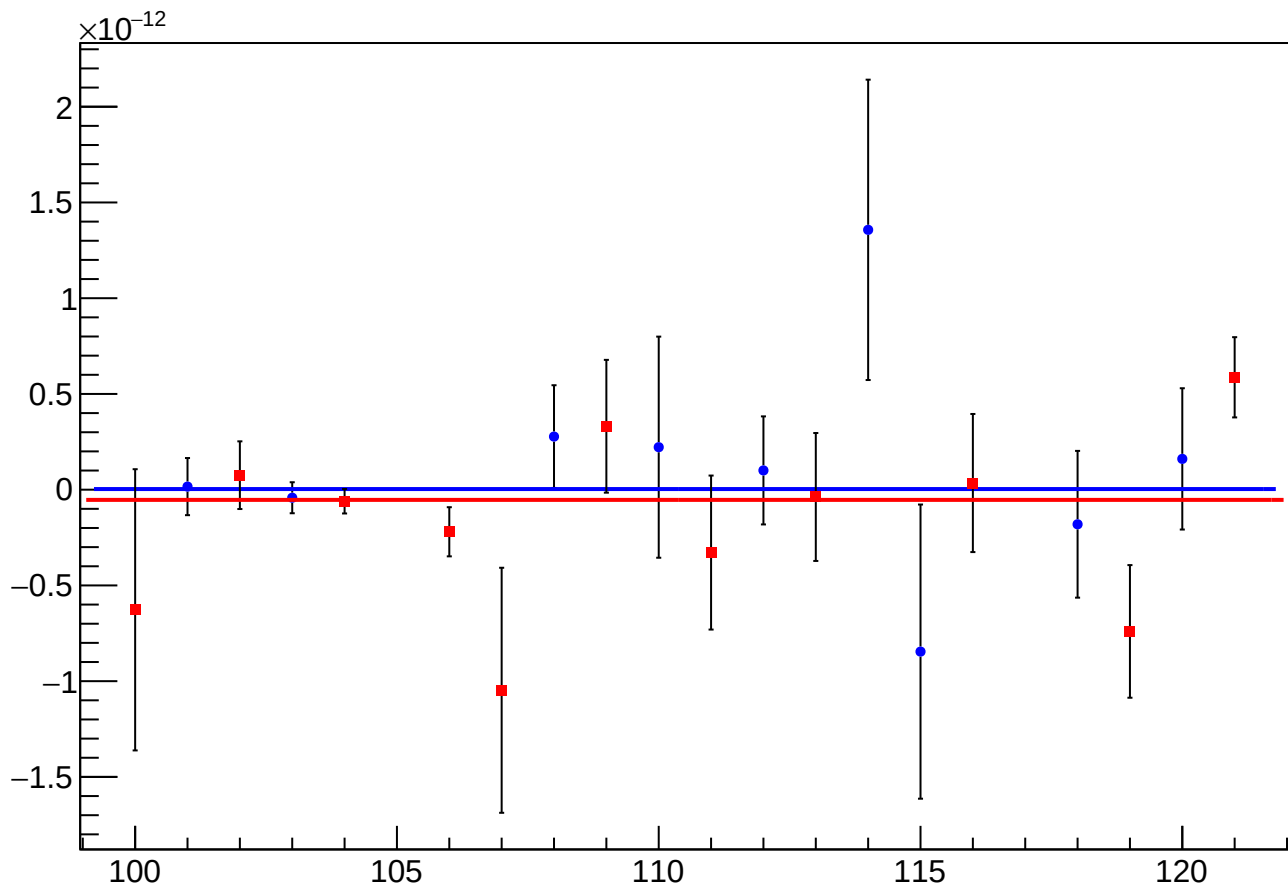
Right: 204.517+/-0.057 χ^2/NDF : 2056151.8/19

In: 210.882+/-0.085 χ^2/NDF :799944.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 204.517+/-0.057 χ^2/NDF : 2056151.8/19

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 : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

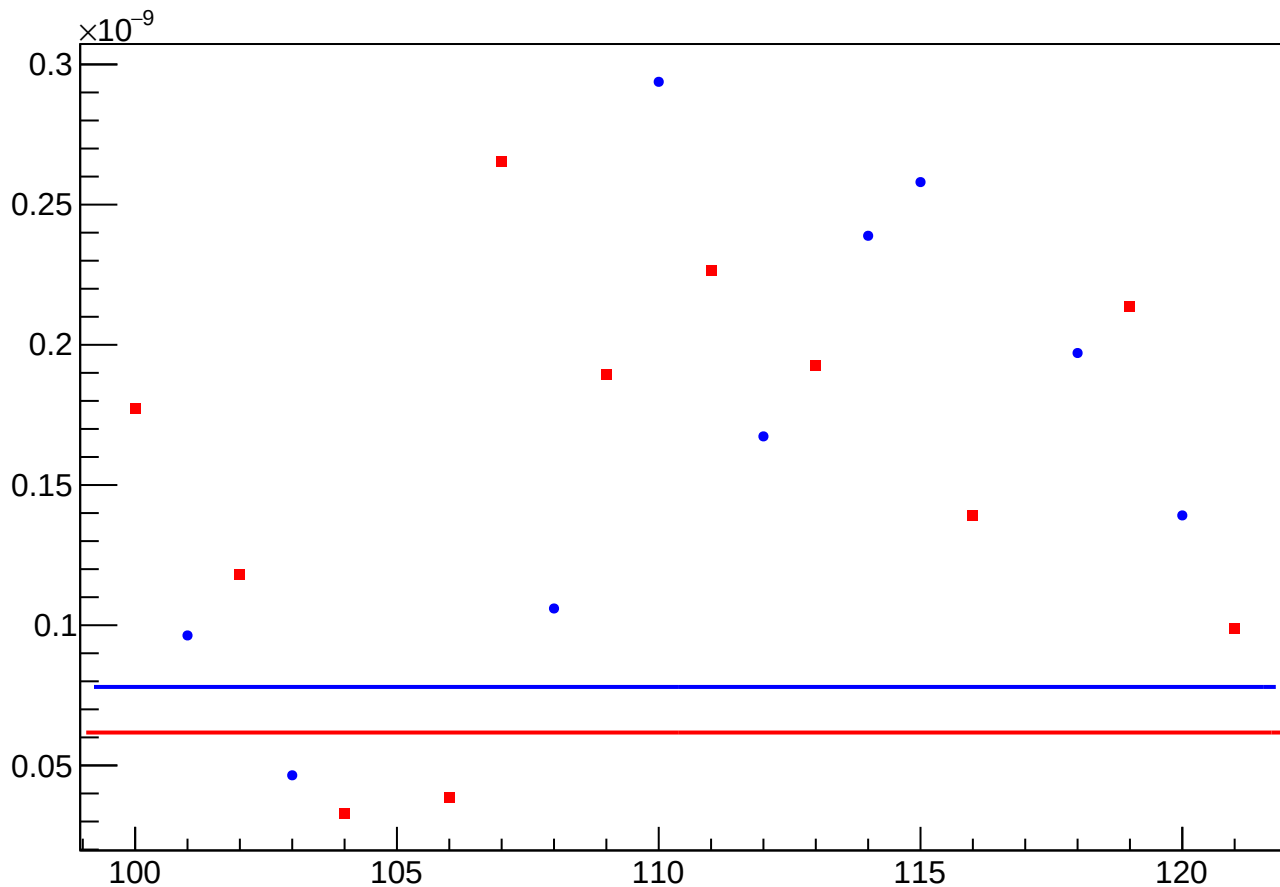
Right: -0.000+/-0.000 χ^2/NDF : 27.0/19

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.0/19

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 : 1277315.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2385313.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

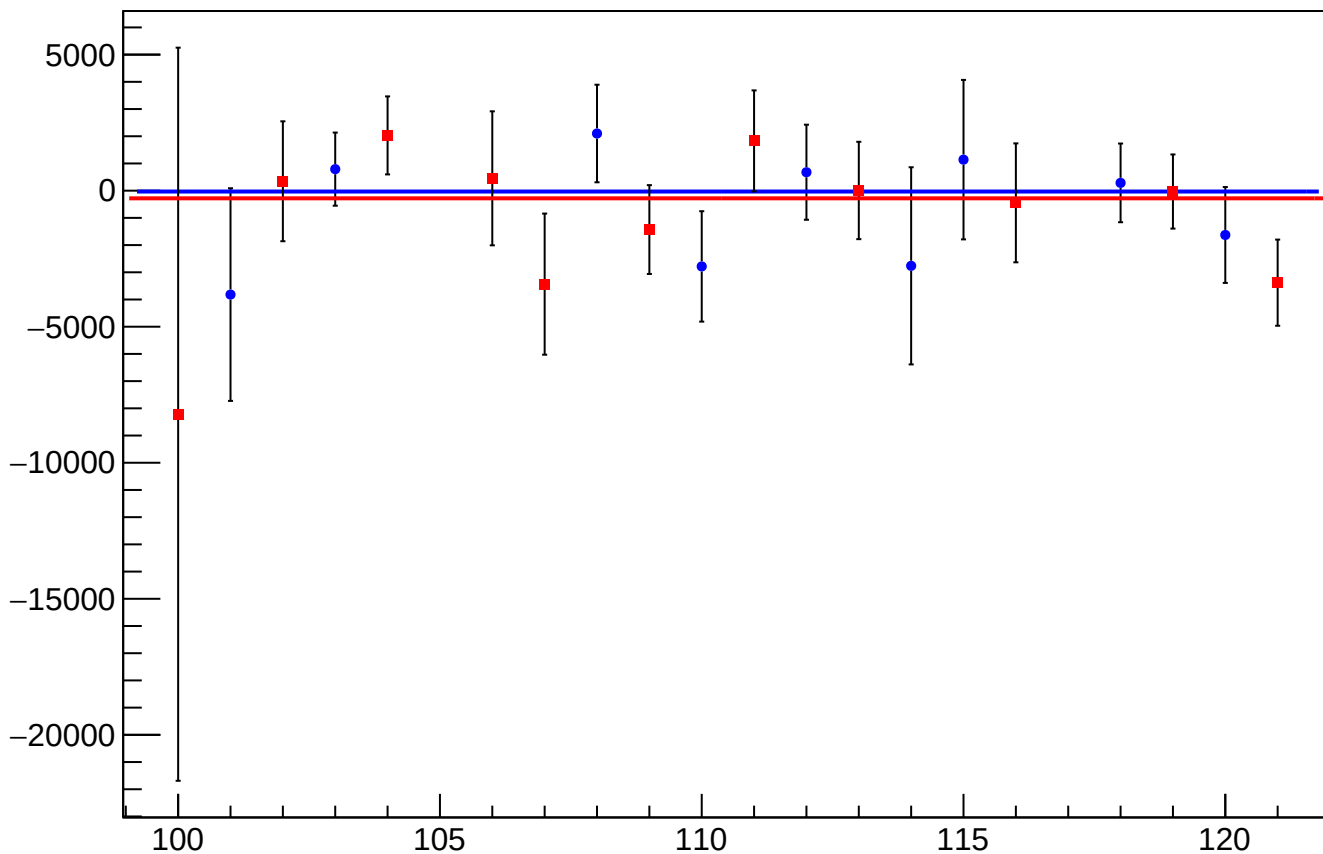
Right: 0.000+/-0.000 χ^2/NDF : 3743126.9/19

In: 0.000+/-0.000 χ^2/NDF : 1277315.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3743126.9/19

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -31.368 ± 633.220 χ^2/NDF : 6.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -281.874 ± 564.655 χ^2/NDF : 10.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

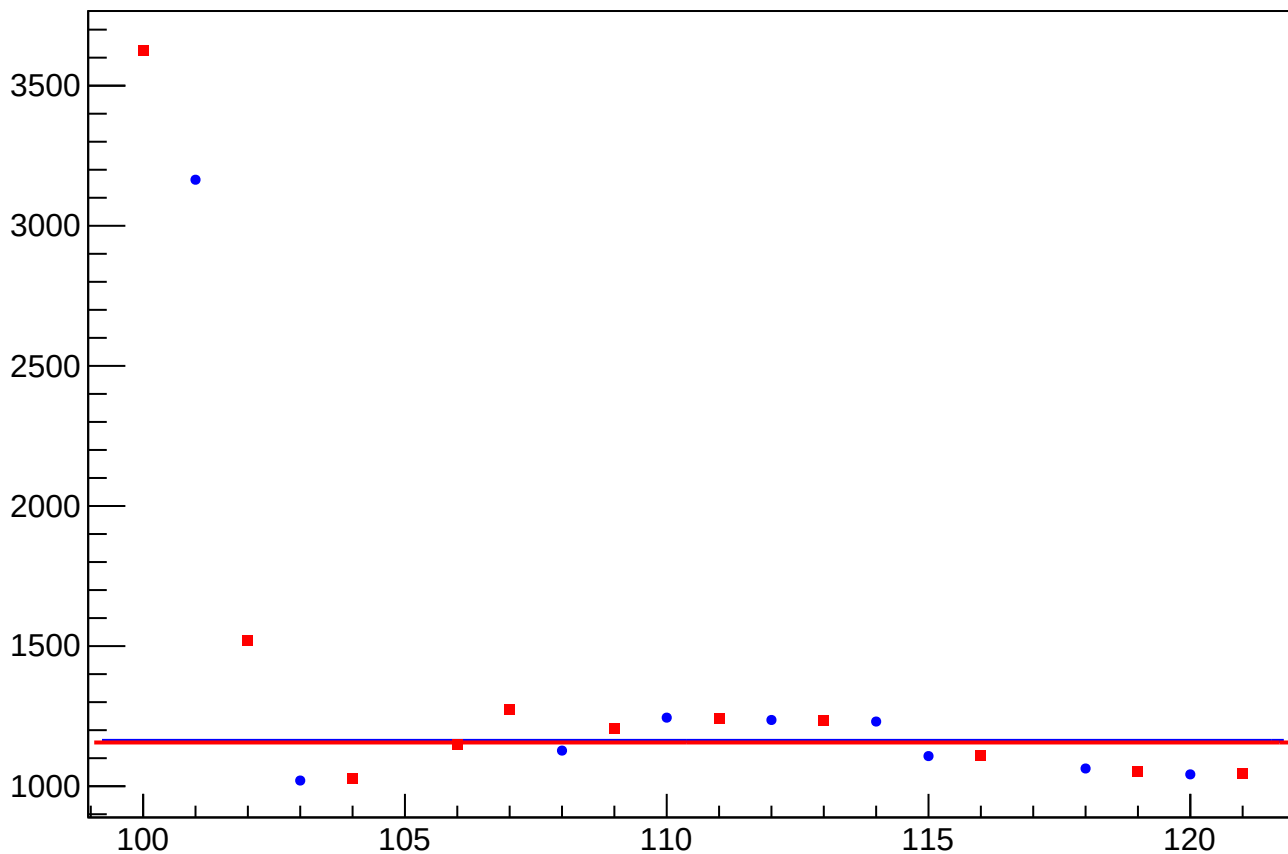
Right: -170.913 ± 421.435 χ^2/NDF : 16.7/19

In: -31.368 ± 633.220 χ^2/NDF : 6.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.913 ± 421.435 χ^2/NDF : 16.7/19

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1161.727+/-0.448 χ^2/NDF : 575168.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.028+/-0.398 χ^2/NDF : 174567.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

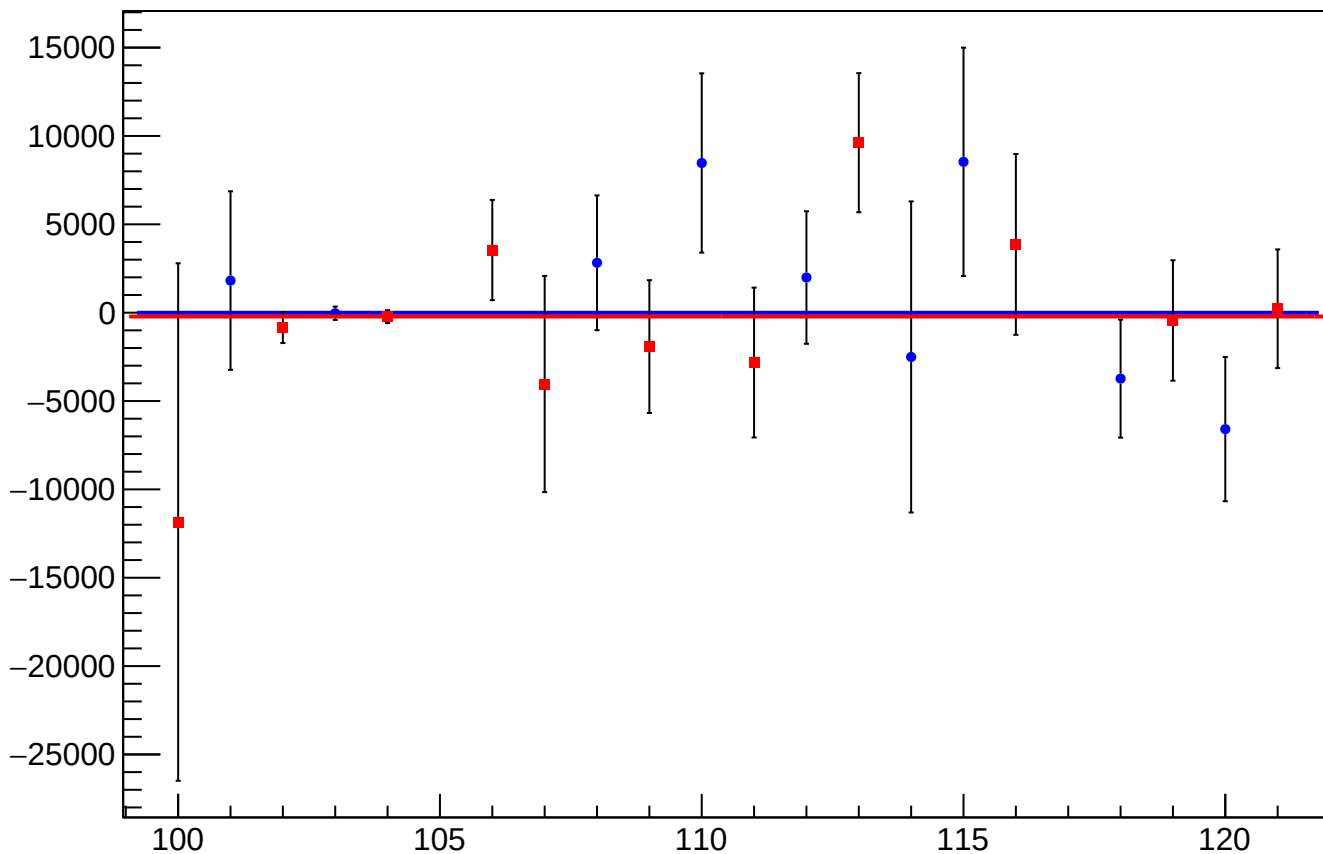
Right: 1158.543+/-0.297 χ^2/NDF : 749827.2/19

In: 1161.727+/-0.448 χ^2/NDF : 575168.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.543+/-0.297 χ^2/NDF : 749827.2/19

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -6.687+/-367.171 χ^2 /NDF: 9.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -218.032+/-327.600 χ^2 /NDF: 10.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

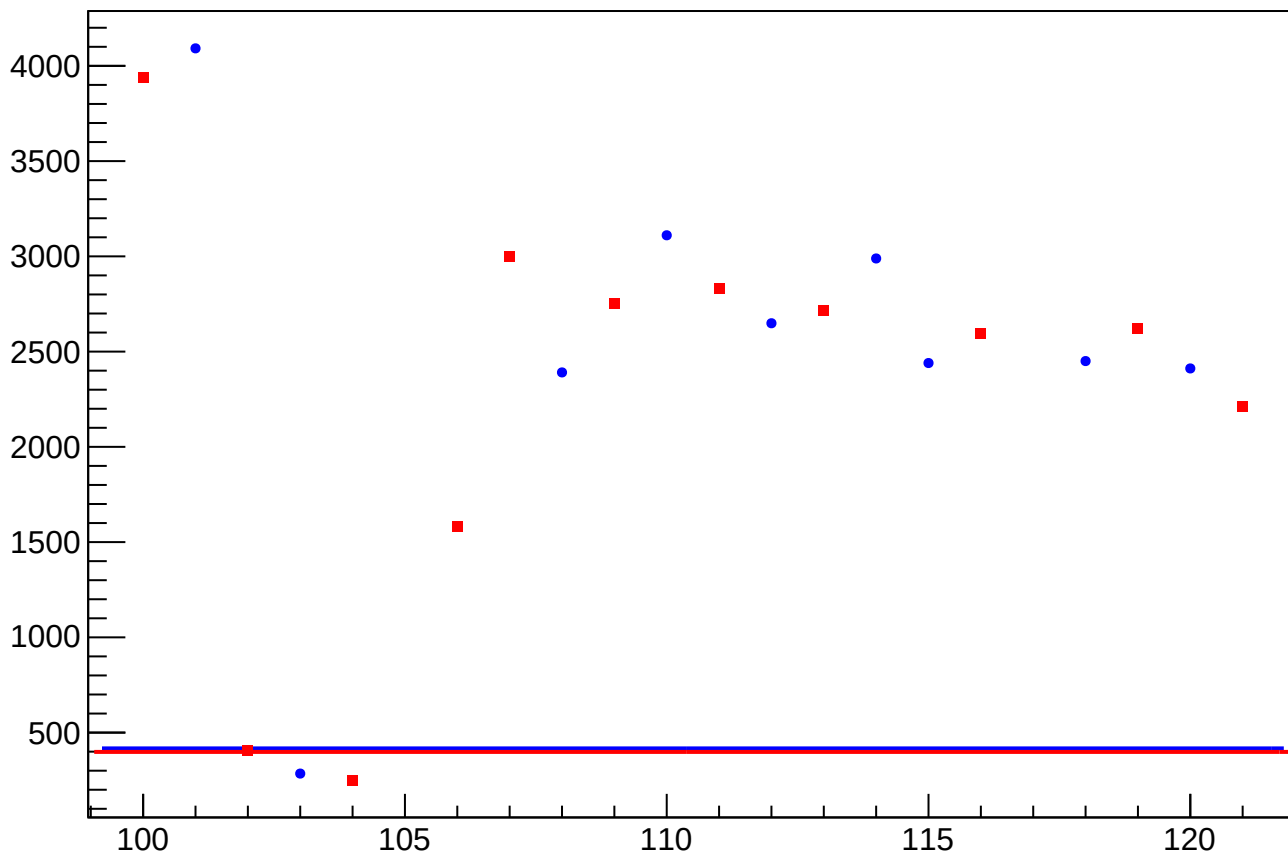
Right: -124.358+/-244.446 χ^2 /NDF: 20.4/19

In: -6.687+/-367.171 χ^2 /NDF:9.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -124.358+/-244.446 χ^2 /NDF: 20.4/19

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 417.055+/-0.260 χ^2/NDF : 4697153.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 398.627+/-0.232 χ^2/NDF : 5101619.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

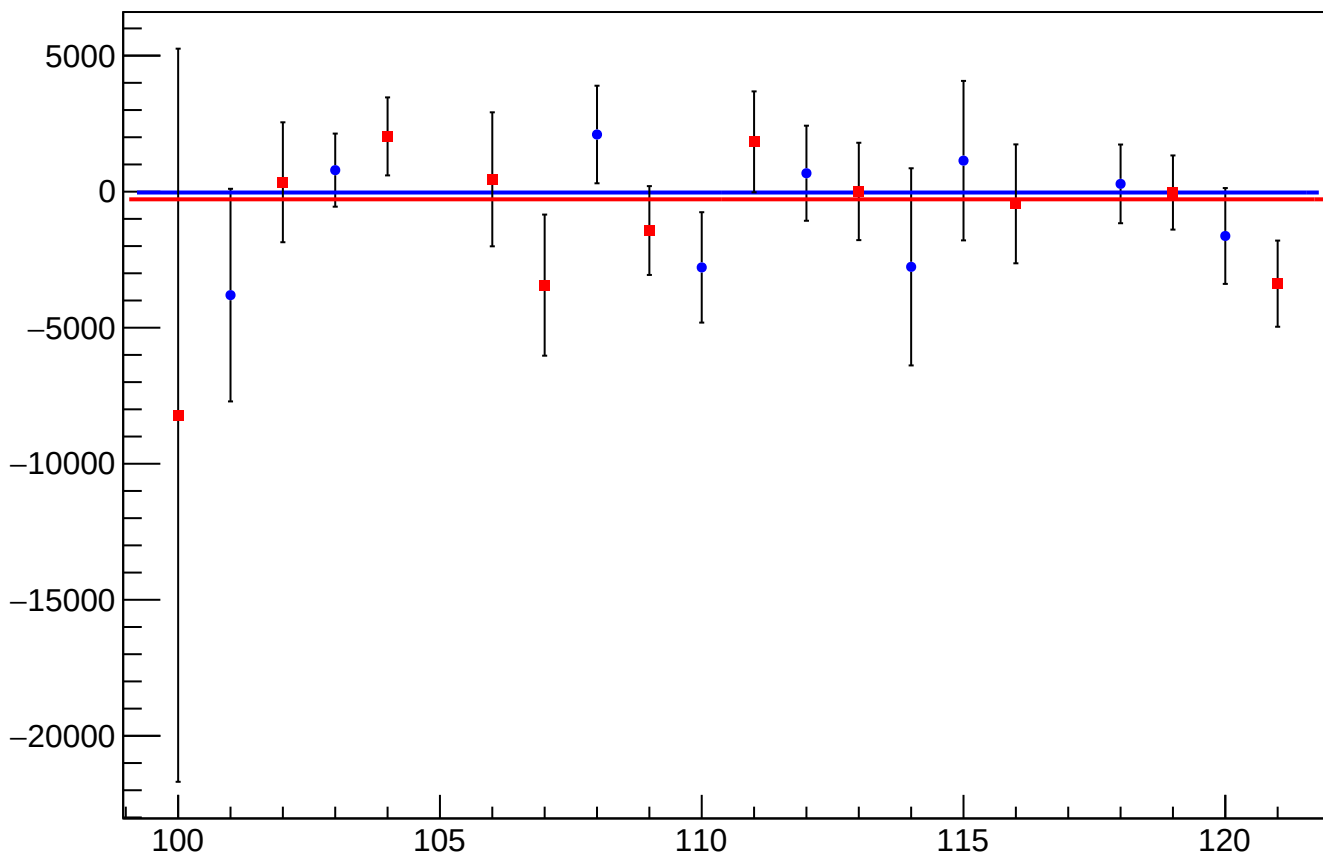
Right: 406.795+/-0.173 χ^2/NDF : 9801578.1/19

In: 417.055+/-0.260 χ^2/NDF :4697153.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 406.795+/-0.173 χ^2/NDF : 9801578.1/19

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -30.998 ± 633.220 χ^2/NDF : 6.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -281.589 ± 564.655 χ^2/NDF : 10.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

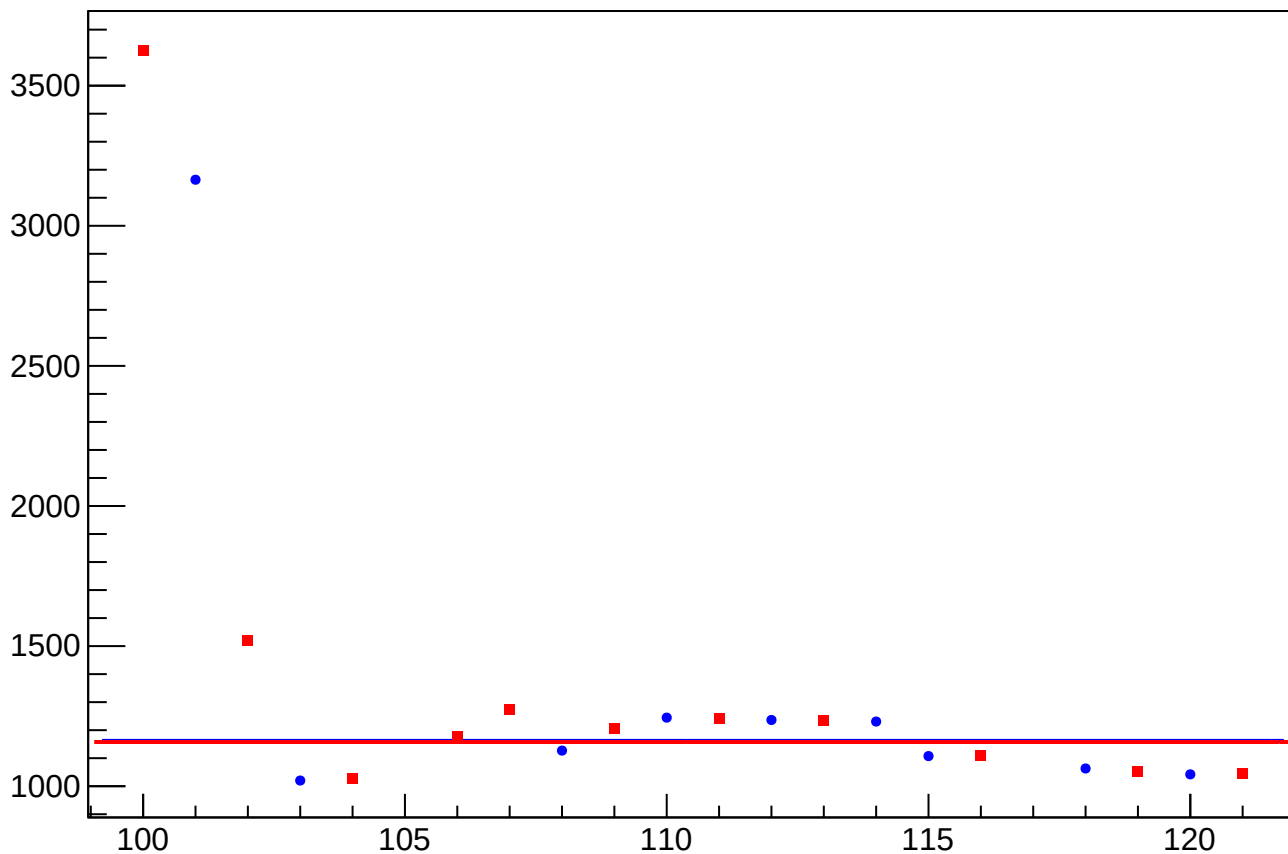
Right: -170.591 ± 421.436 χ^2/NDF : 16.7/19

In: -30.998 ± 633.220 χ^2/NDF : 6.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.591 ± 421.436 χ^2/NDF : 16.7/19

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.756+/-0.399 χ^2/NDF : 174694.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

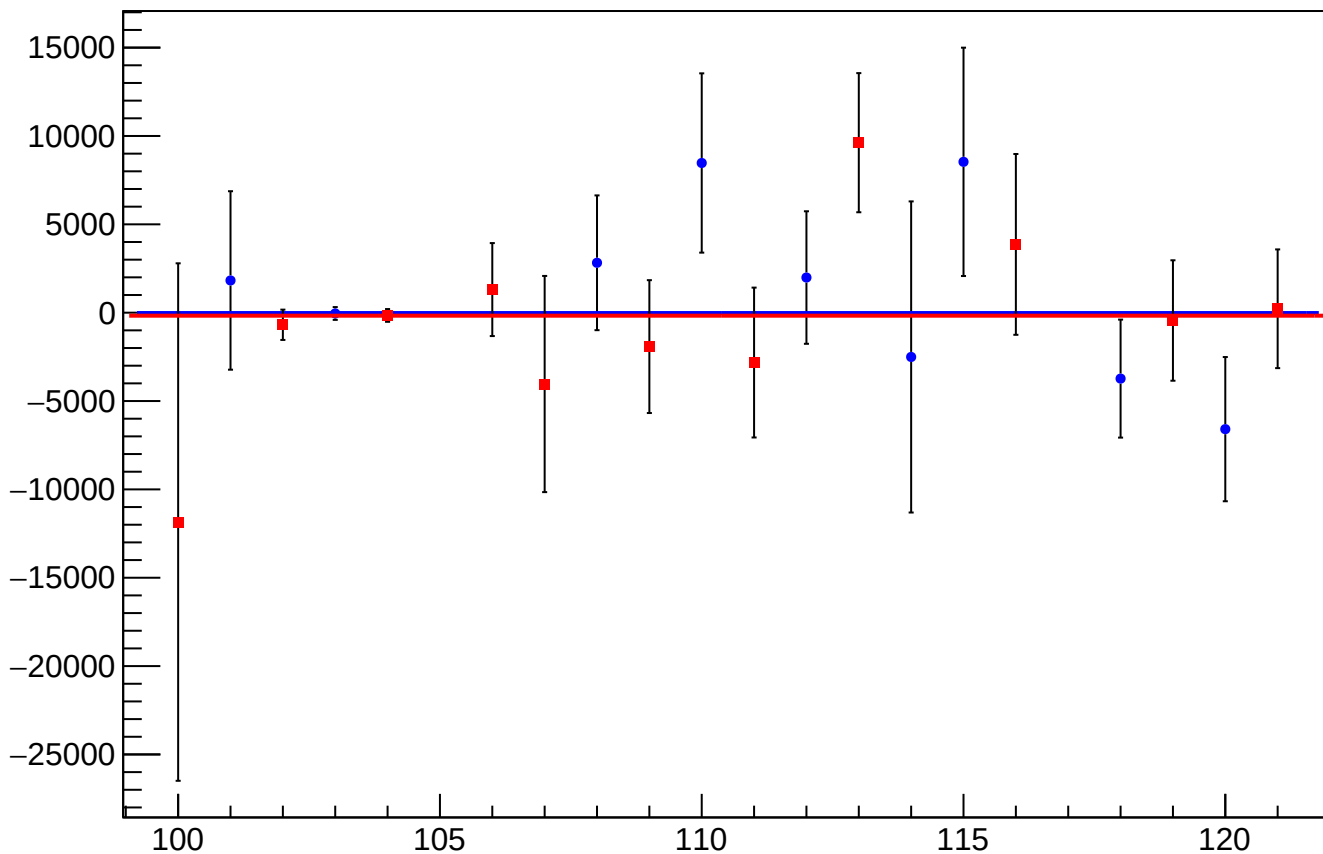
Right: 1159.513+/-0.298 χ^2/NDF : 749908.7/19

In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1159.513+/-0.298 χ^2/NDF : 749908.7/19

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -20.775+/-353.010 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -170.697+/-322.179 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

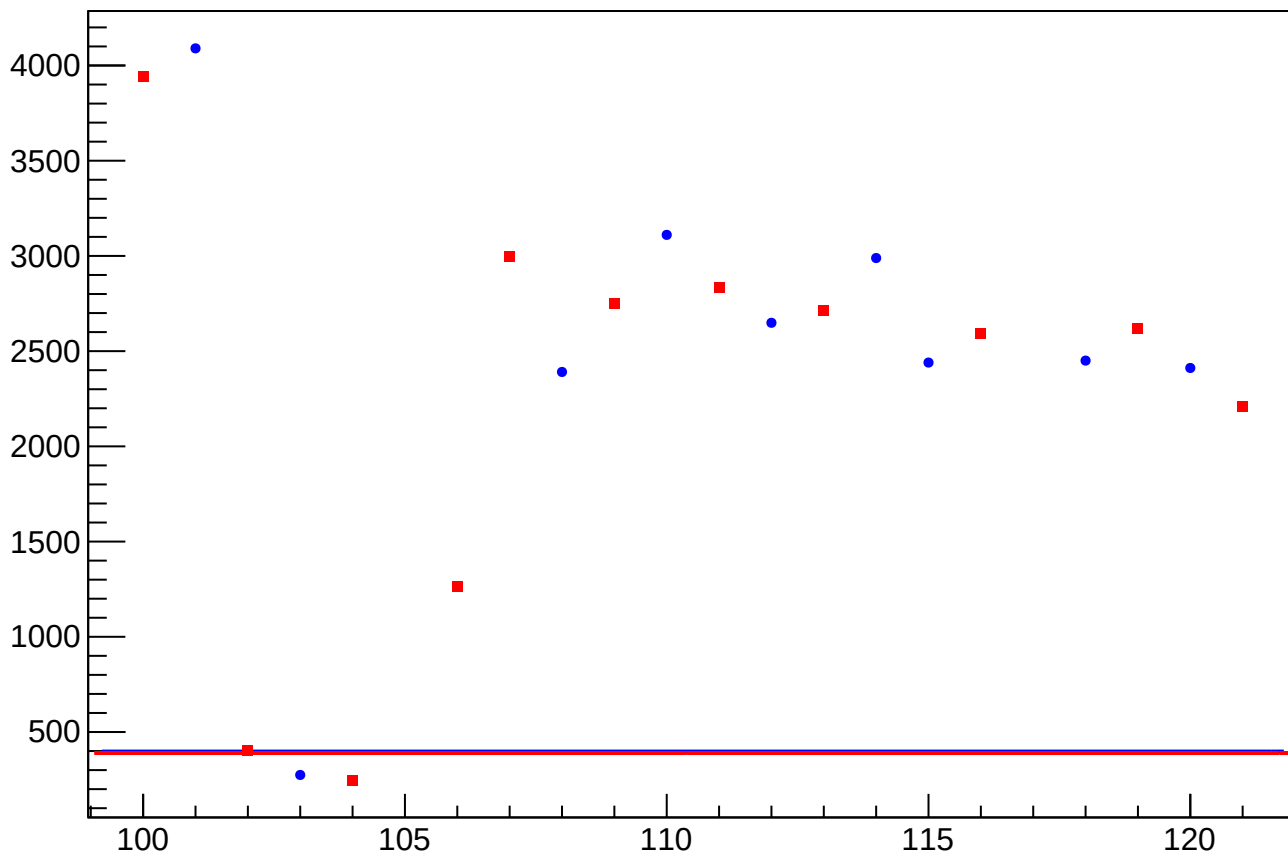
Right: -102.568+/-237.970 χ^2/NDF : 18.7/19

In: -20.775+/-353.010 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -102.568+/-237.970 χ^2/NDF : 18.7/19

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.246+/-0.250 χ^2/NDF : 4755207.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 389.738+/-0.228 χ^2/NDF : 4994094.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

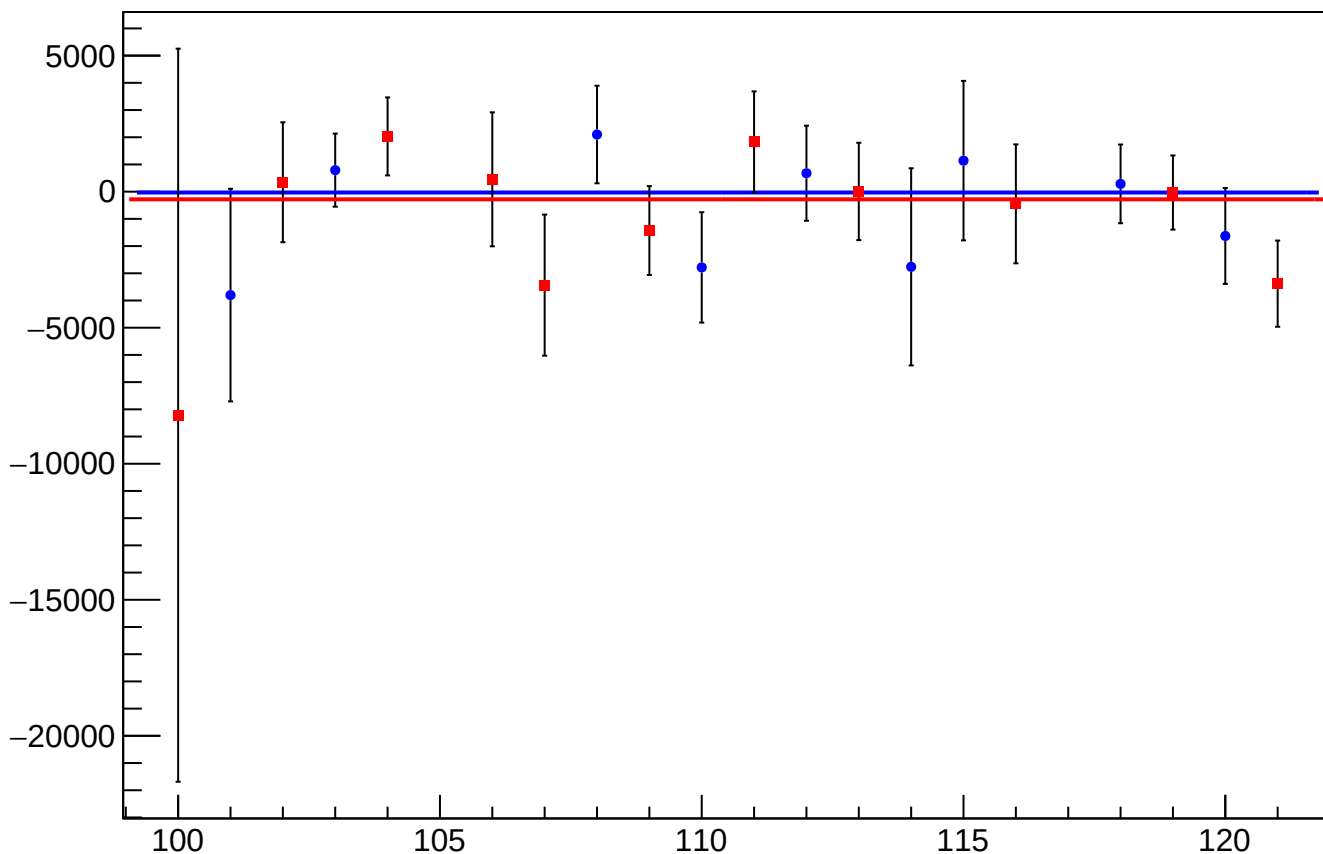
Right: 393.150+/-0.168 χ^2/NDF : 9749795.4/19

In: 397.246+/-0.250 χ^2/NDF :4755207.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 393.150+/-0.168 χ^2/NDF : 9749795.4/19

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -30.998 ± 633.220 $\chi^2/\text{NDF}: 6.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -281.589 ± 564.655 $\chi^2/\text{NDF}: 10.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

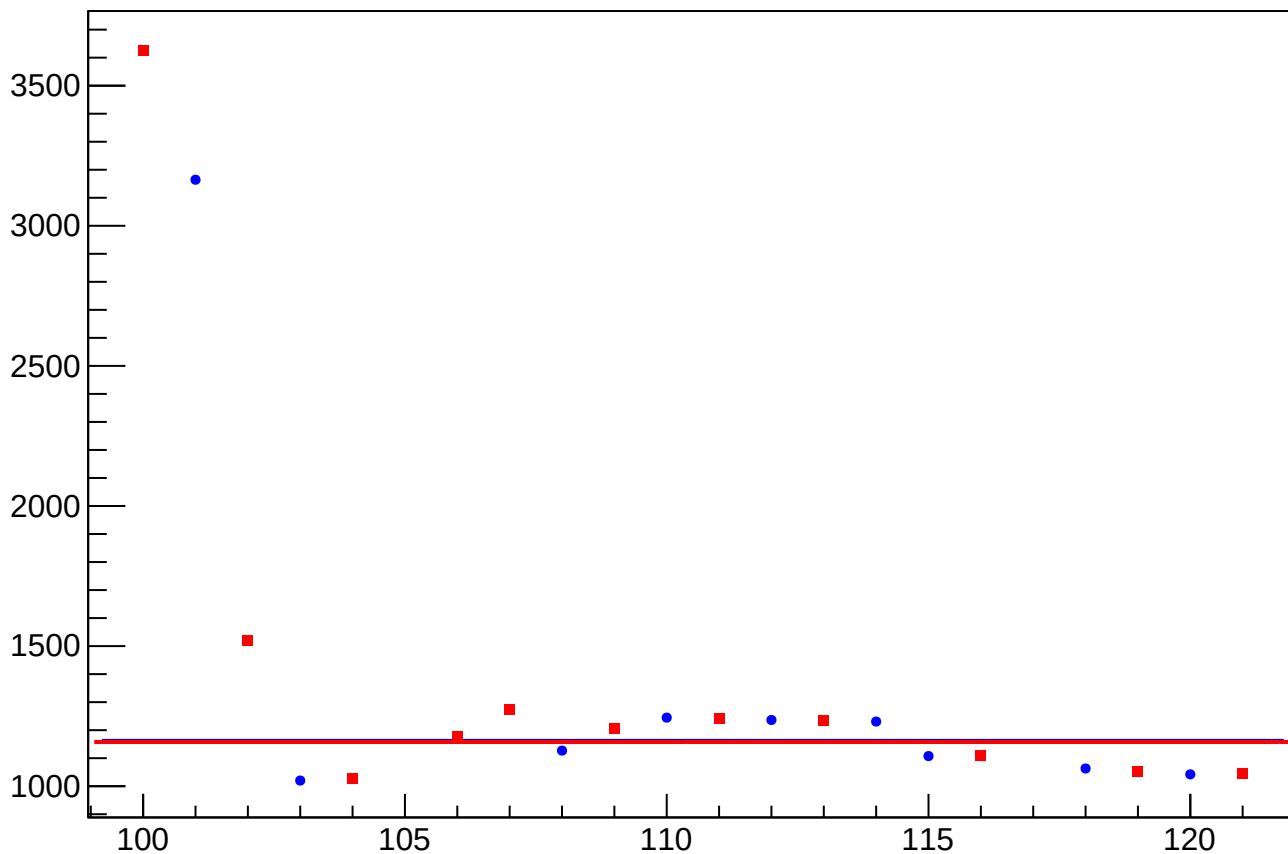
Right: -170.591 ± 421.436 $\chi^2/\text{NDF}: 16.7/19$

In: -30.998 ± 633.220 $\chi^2/\text{NDF}: 6.3/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -170.591 ± 421.436 $\chi^2/\text{NDF}: 16.7/19$

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.756+/-0.399 χ^2/NDF : 174694.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

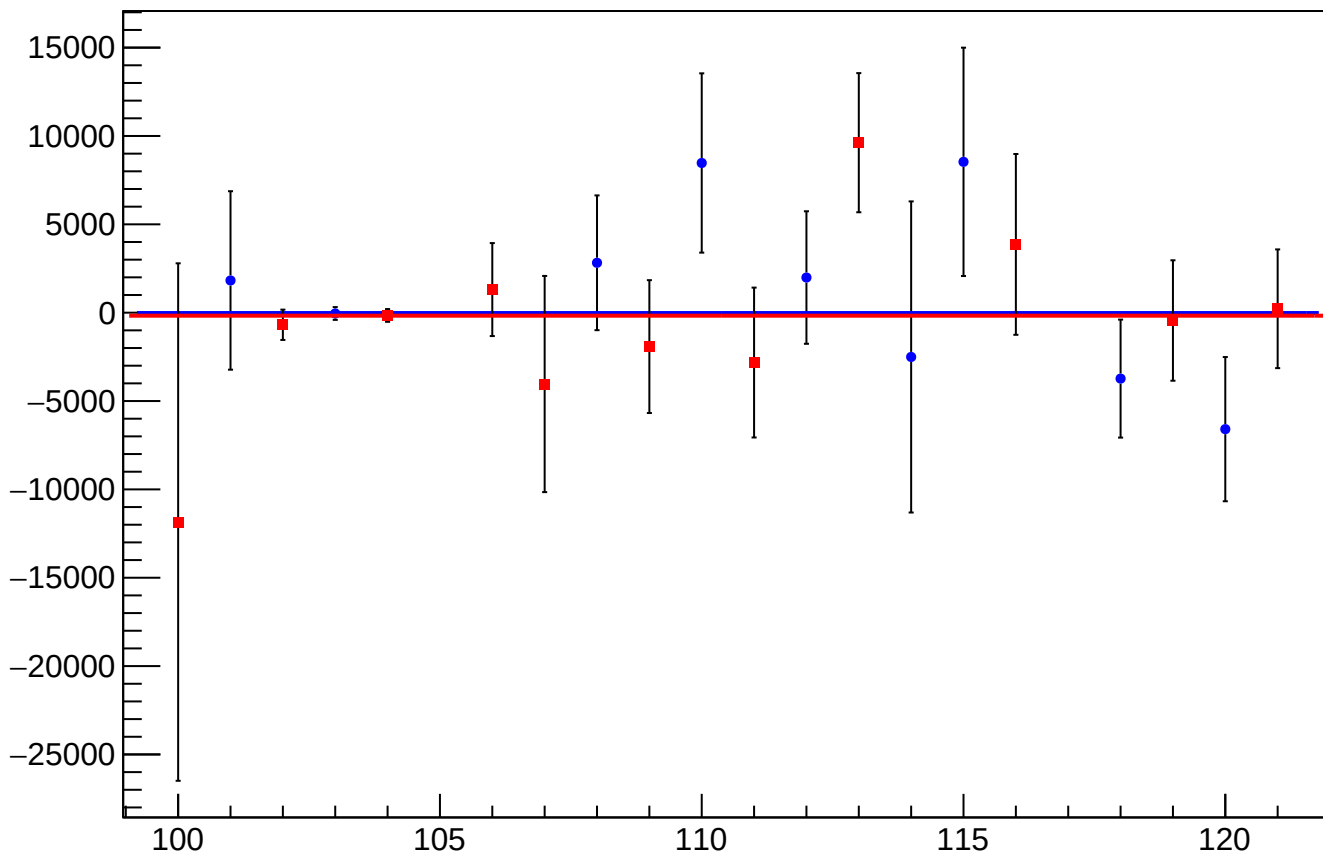
Right: 1159.513+/-0.298 χ^2/NDF : 749908.7/19

In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1159.513+/-0.298 χ^2/NDF : 749908.7/19

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -20.775+/-353.010 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -170.697+/-322.179 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

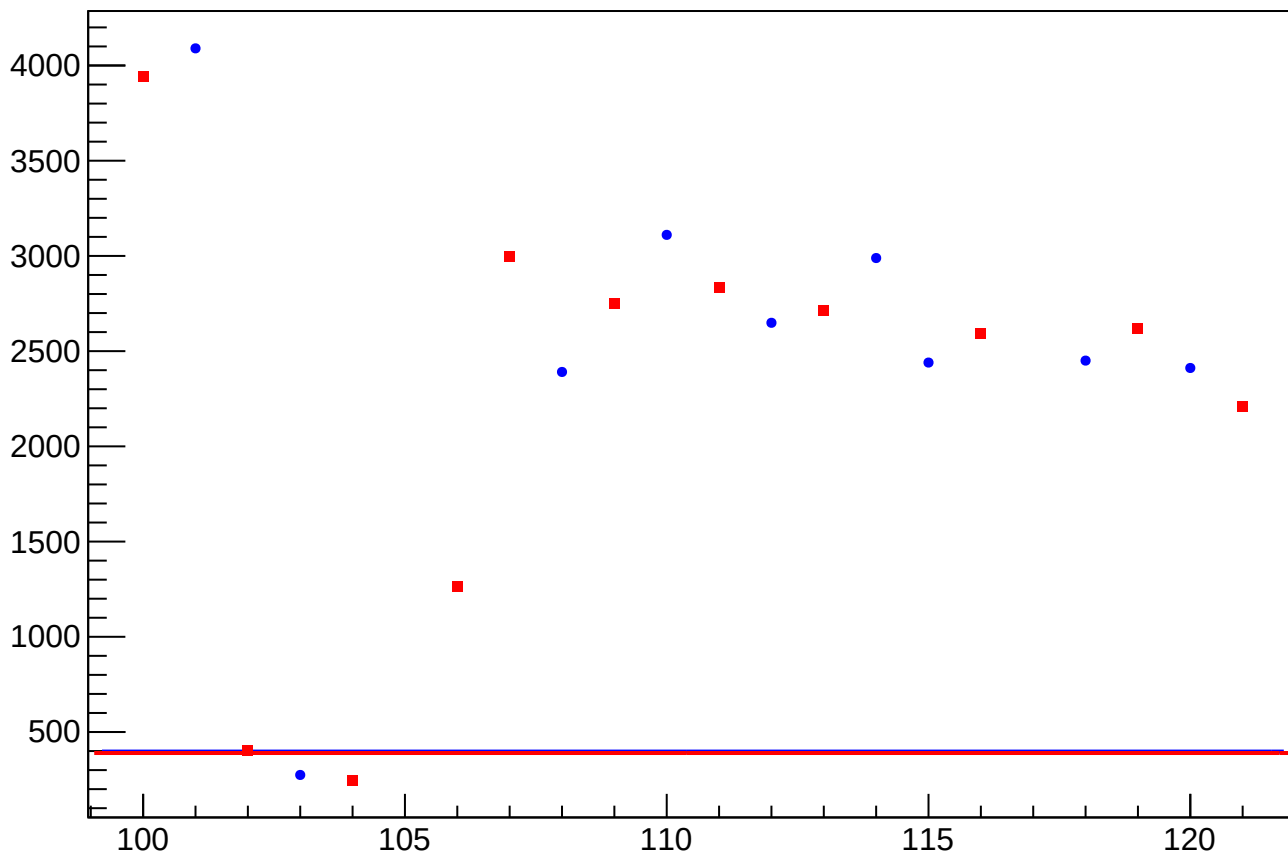
Right: -102.568+/-237.970 χ^2/NDF : 18.7/19

In: -20.775+/-353.010 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -102.568+/-237.970 χ^2/NDF : 18.7/19

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.246+/-0.250 χ^2/NDF : 4755207.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 389.738+/-0.228 χ^2/NDF : 4994094.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

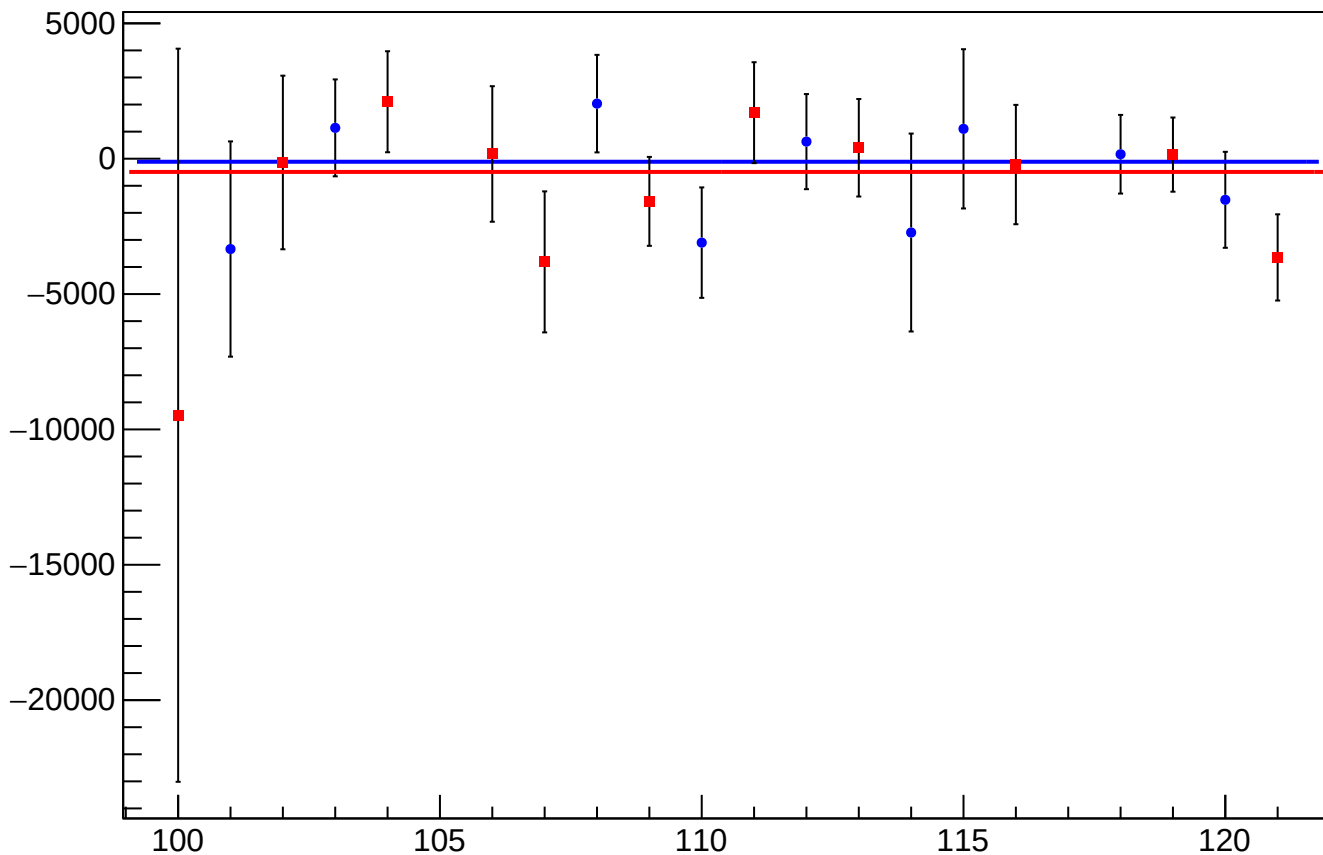
Right: 393.150+/-0.168 χ^2/NDF : 9749795.4/19

In: 397.246+/-0.250 χ^2/NDF :4755207.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 393.150+/-0.168 χ^2/NDF : 9749795.4/19

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -112.580+/-669.597 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.841+/-597.966 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

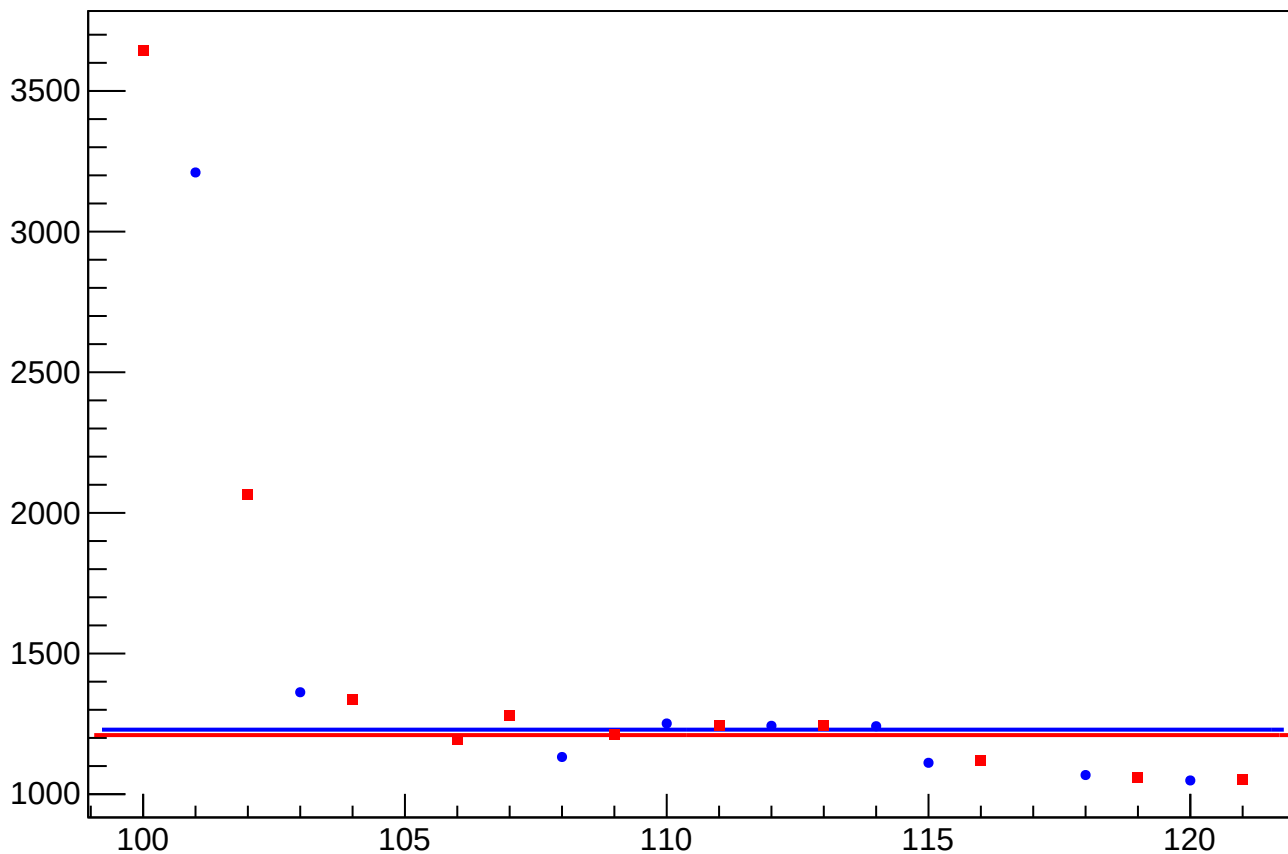
Right: -321.906+/-446.008 χ^2/NDF : 16.7/19

In: -112.580+/-669.597 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.906+/-446.008 χ^2/NDF : 16.7/19

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1229.430+/-0.473 χ^2/NDF : 562326.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1210.064+/-0.422 χ^2/NDF : 267270.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

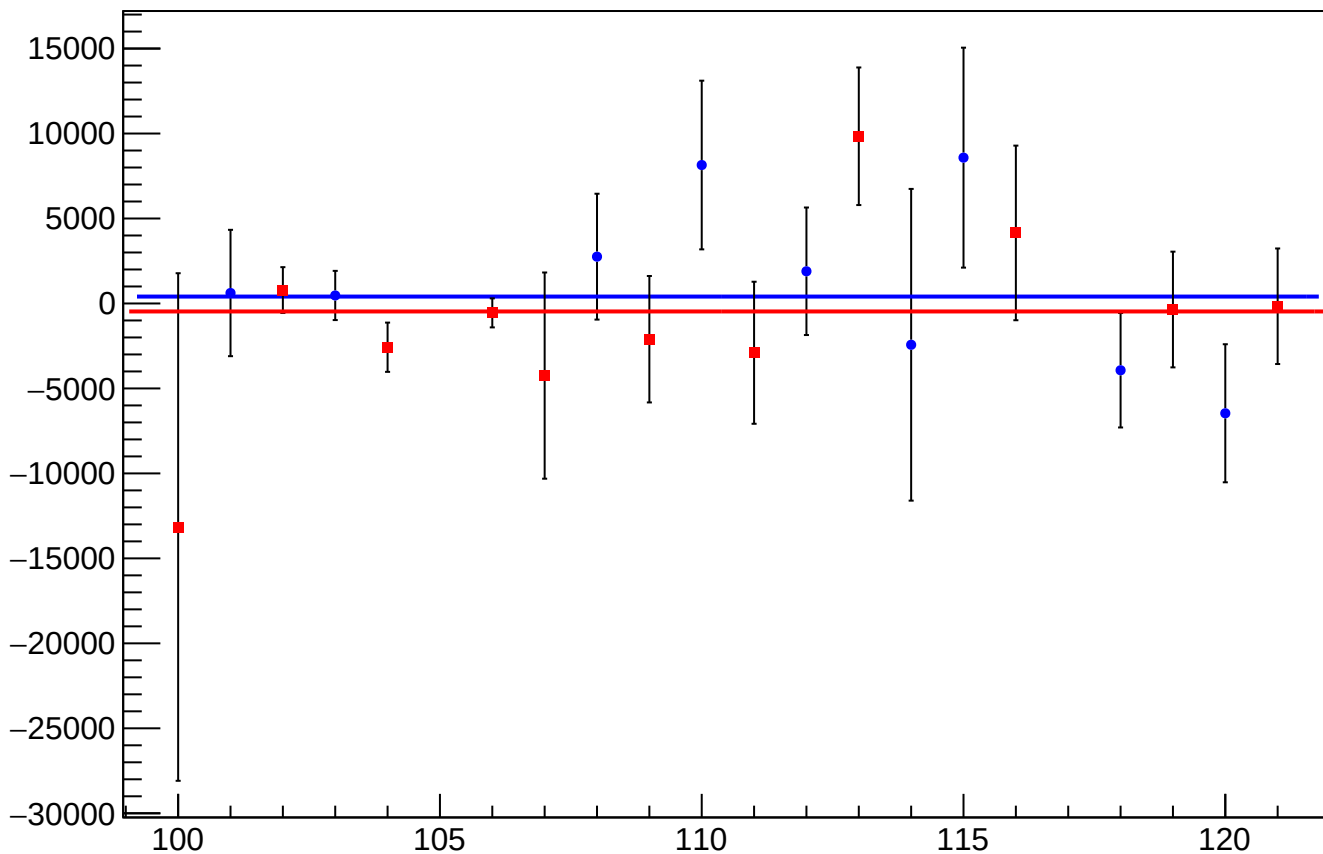
Right: 1218.648+/-0.315 χ^2/NDF : 830527.9/19

In: 1229.430+/-0.473 χ^2/NDF :562326.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1218.648+/-0.315 χ^2/NDF : 830527.9/19

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.053+/-1043.305 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.147+/-594.254 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

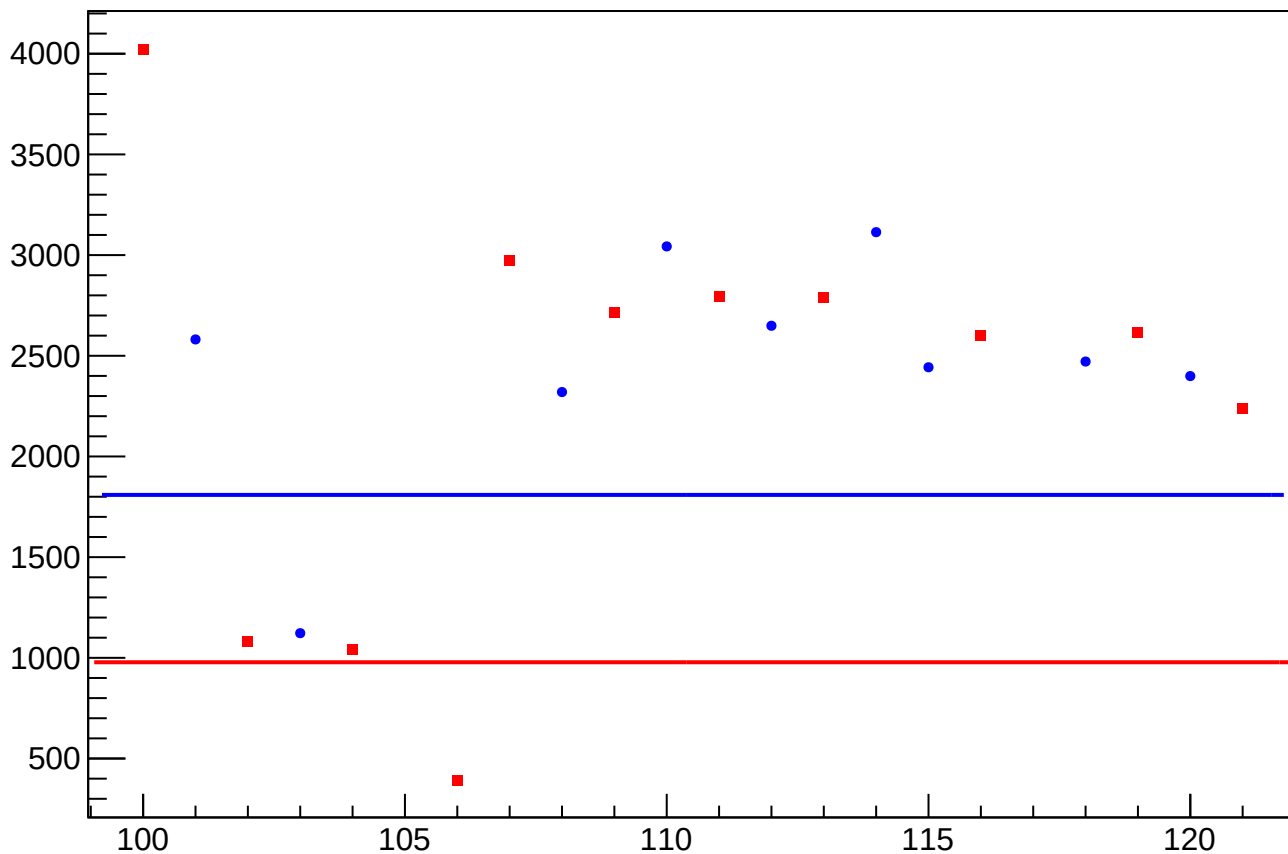
Right: -255.515+/-516.366 χ^2/NDF : 21.7/19

In: 406.053+/-1043.305 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.515+/-516.366 χ^2/NDF : 21.7/19

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1809.127+/-0.738 χ^2/NDF : 977438.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.017+/-0.420 χ^2/NDF : 3413736.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

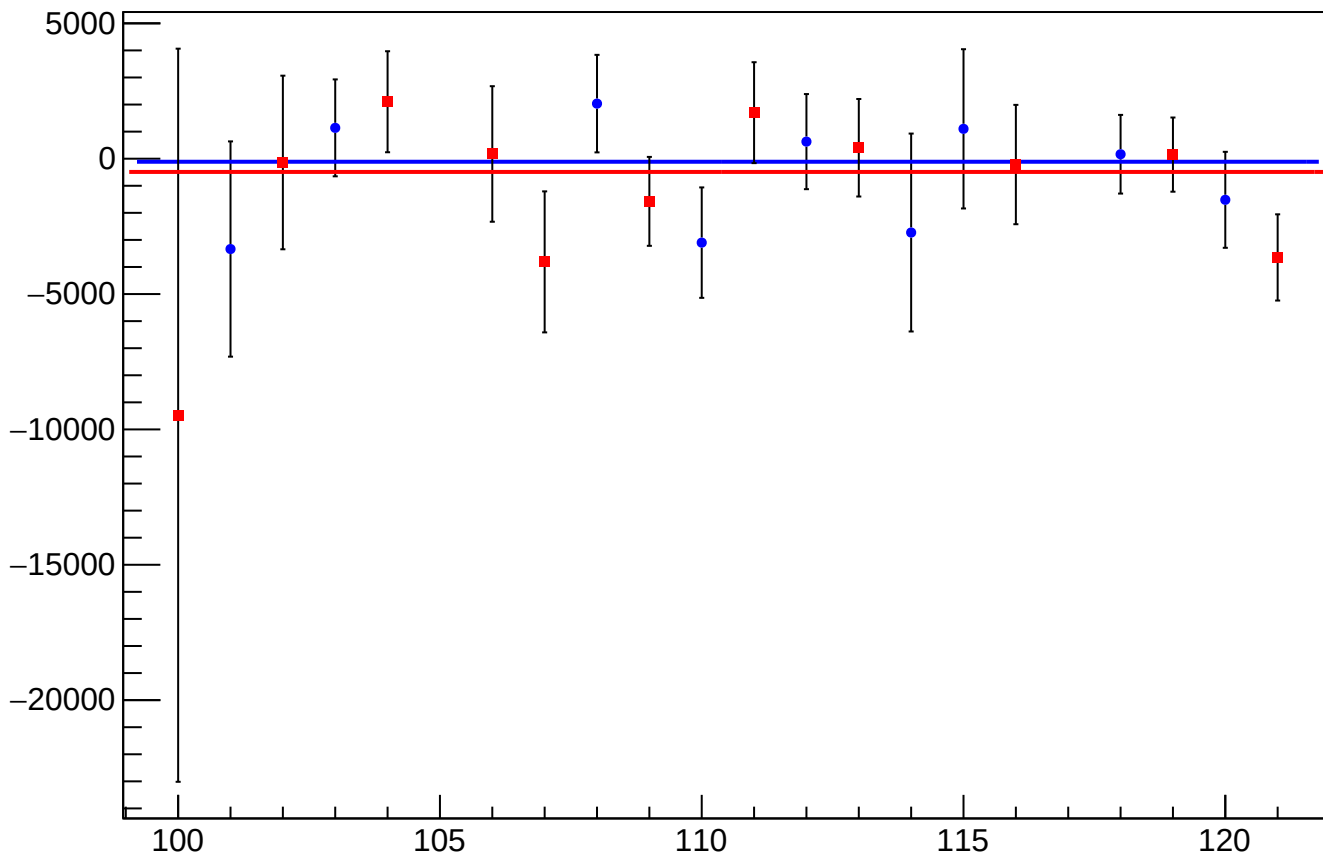
Right: 1181.604+/-0.365 χ^2/NDF : 5349461.9/19

In: 1809.127+/-0.738 χ^2/NDF : 977438.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.604+/-0.365 χ^2/NDF : 5349461.9/19

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -112.577+/-669.597 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.847+/-597.965 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

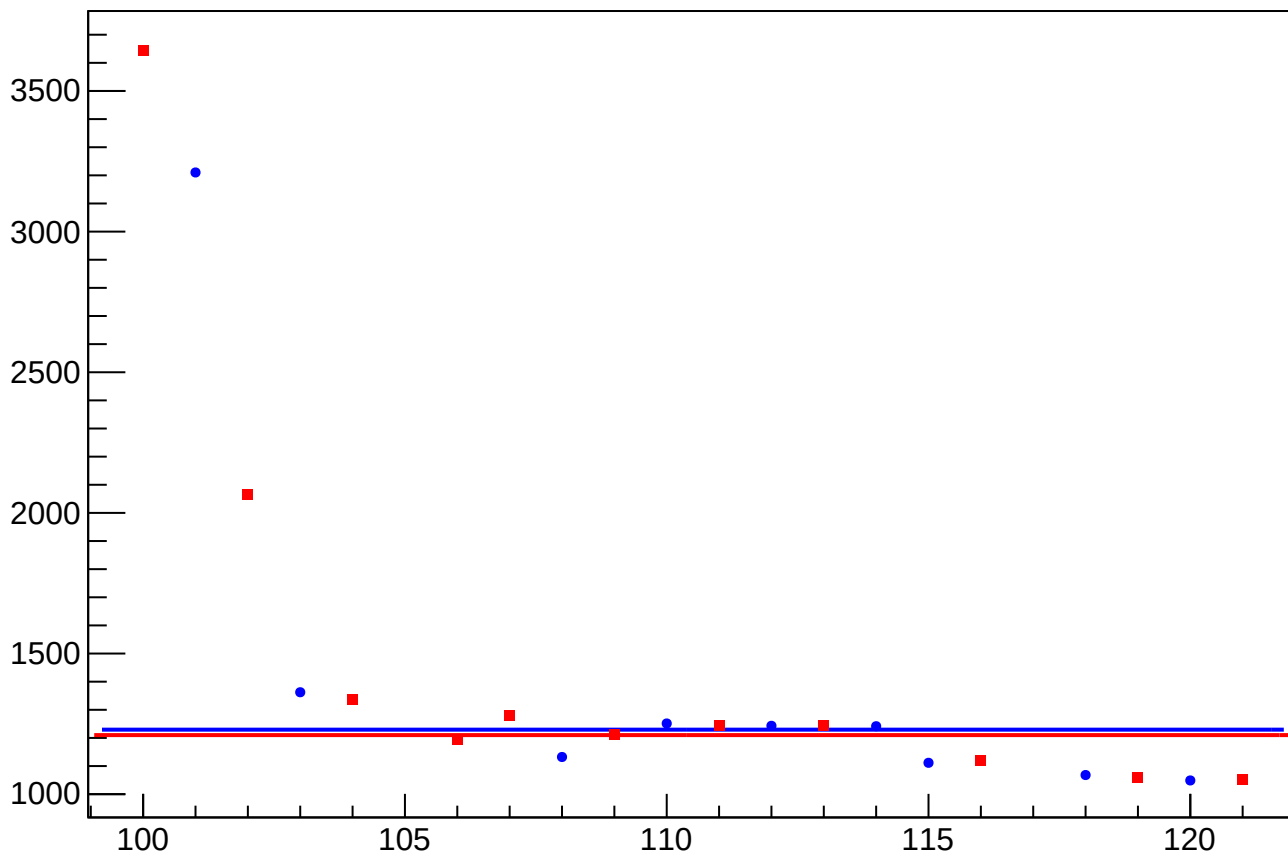
Right: -321.908+/-446.008 χ^2/NDF : 16.7/19

In: -112.577+/-669.597 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.908+/-446.008 χ^2/NDF : 16.7/19

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1229.430+/-0.473 χ^2/NDF : 562326.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1210.064+/-0.422 χ^2/NDF : 267270.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

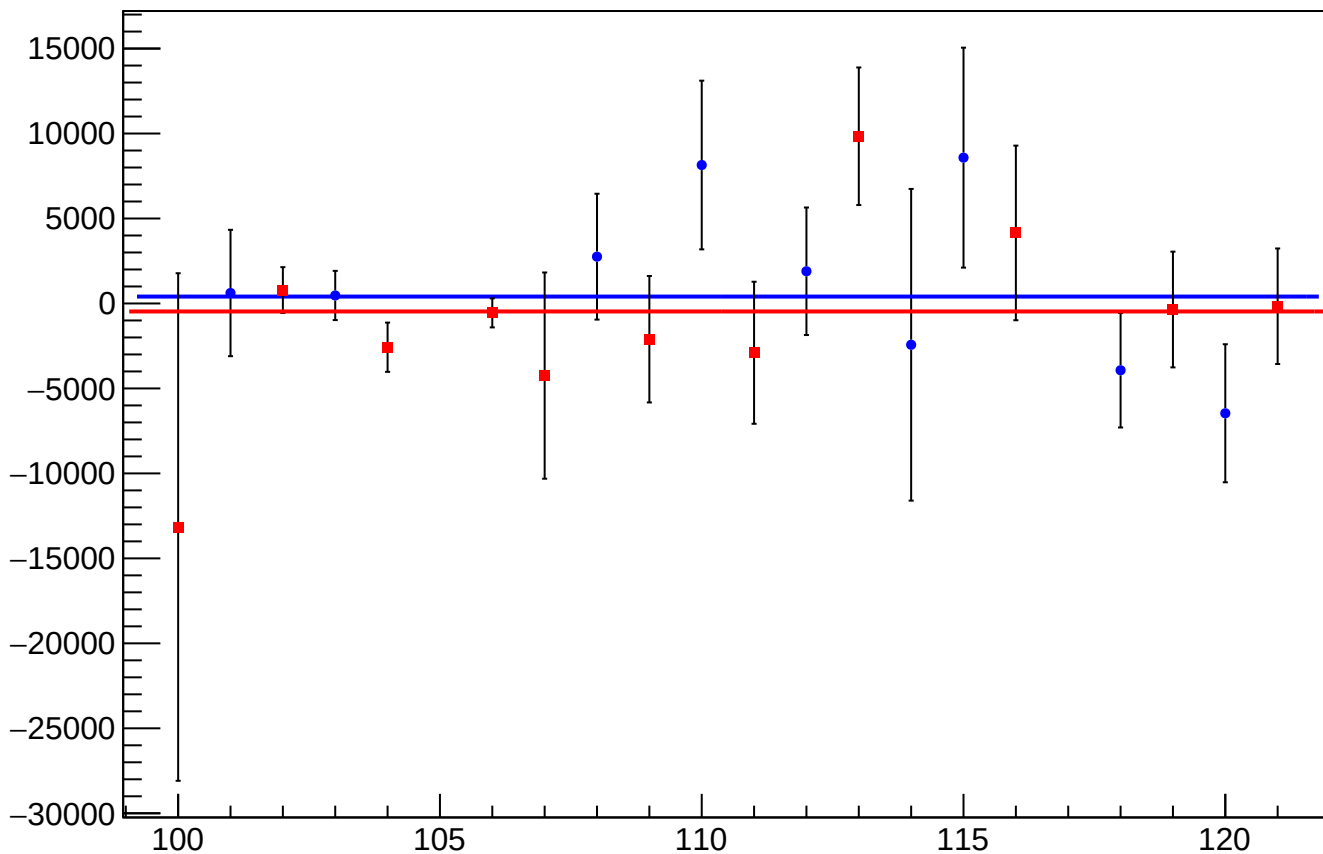
Right: 1218.648+/-0.315 χ^2/NDF : 830527.6/19

In: 1229.430+/-0.473 χ^2/NDF : 562326.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.648+/-0.315 χ^2/NDF : 830527.6/19

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.049+/-1043.304 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.146+/-594.246 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

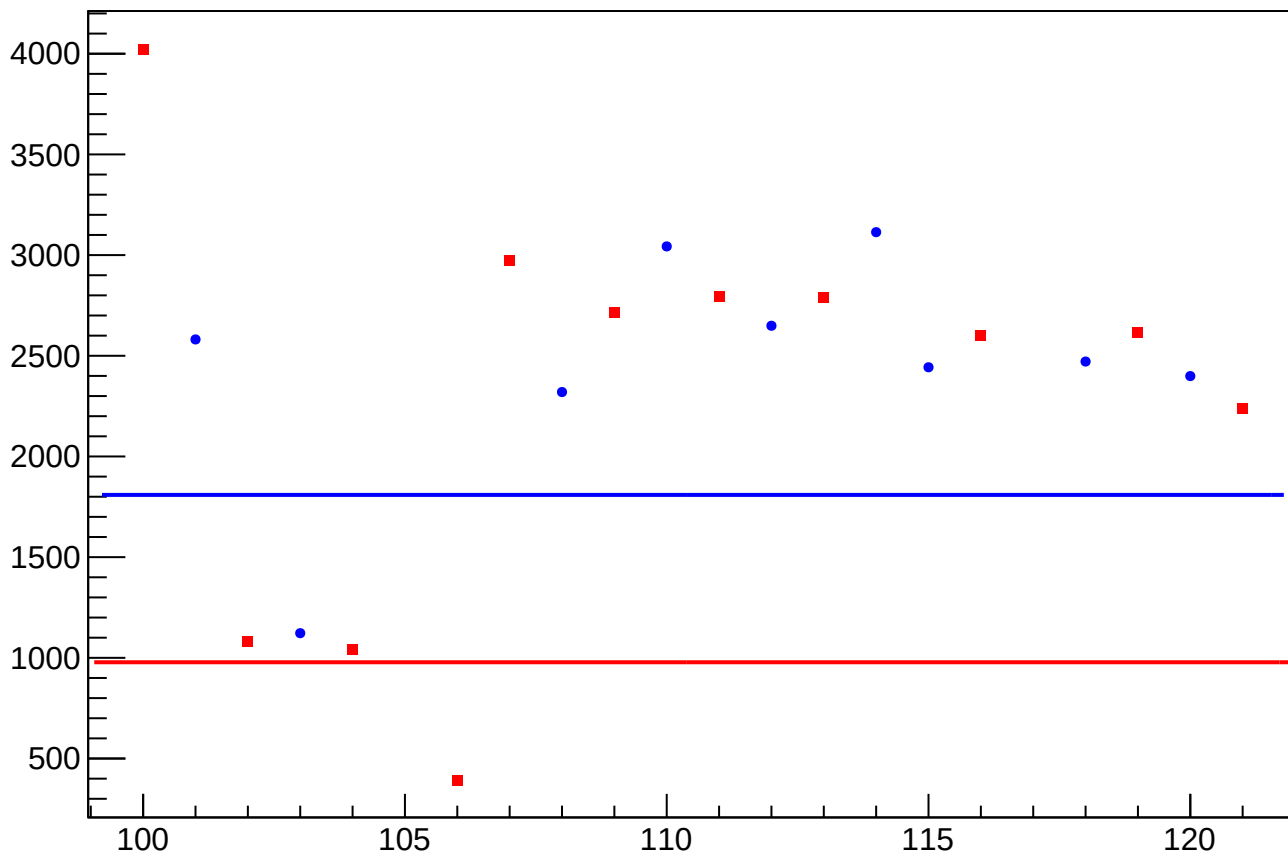
Right: -255.519+/-516.360 χ^2/NDF : 21.7/19

In: 406.049+/-1043.304 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.519+/-516.360 χ^2/NDF : 21.7/19

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1809.125+/-0.738 χ^2/NDF : 977434.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.997+/-0.420 χ^2/NDF : 3413817.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

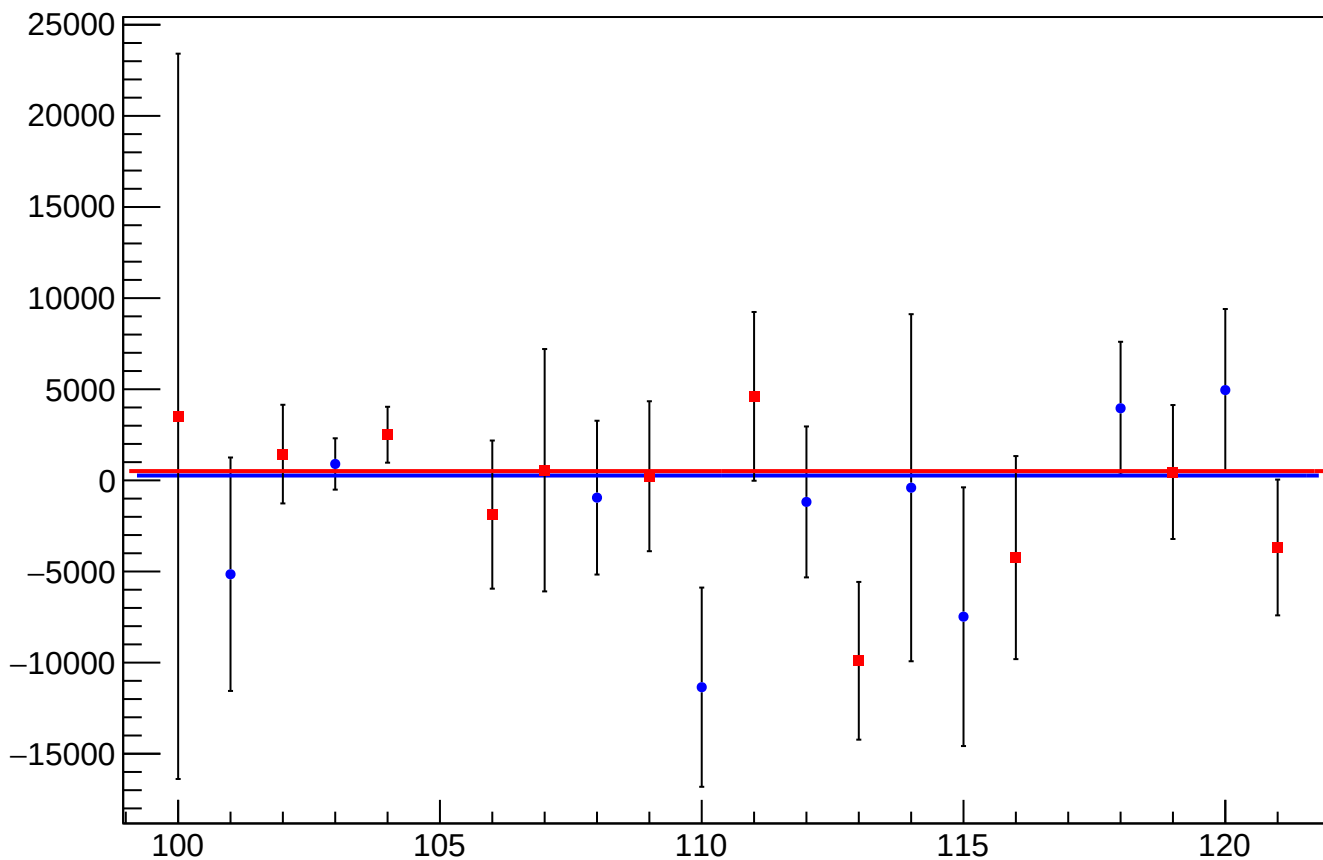
Right: 1181.585+/-0.365 χ^2/NDF : 5349589.6/19

In: 1809.125+/-0.738 χ^2/NDF : 977434.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.585+/-0.365 χ^2/NDF : 5349589.6/19

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 266.071+/-1095.716 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.292+/-1007.654 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

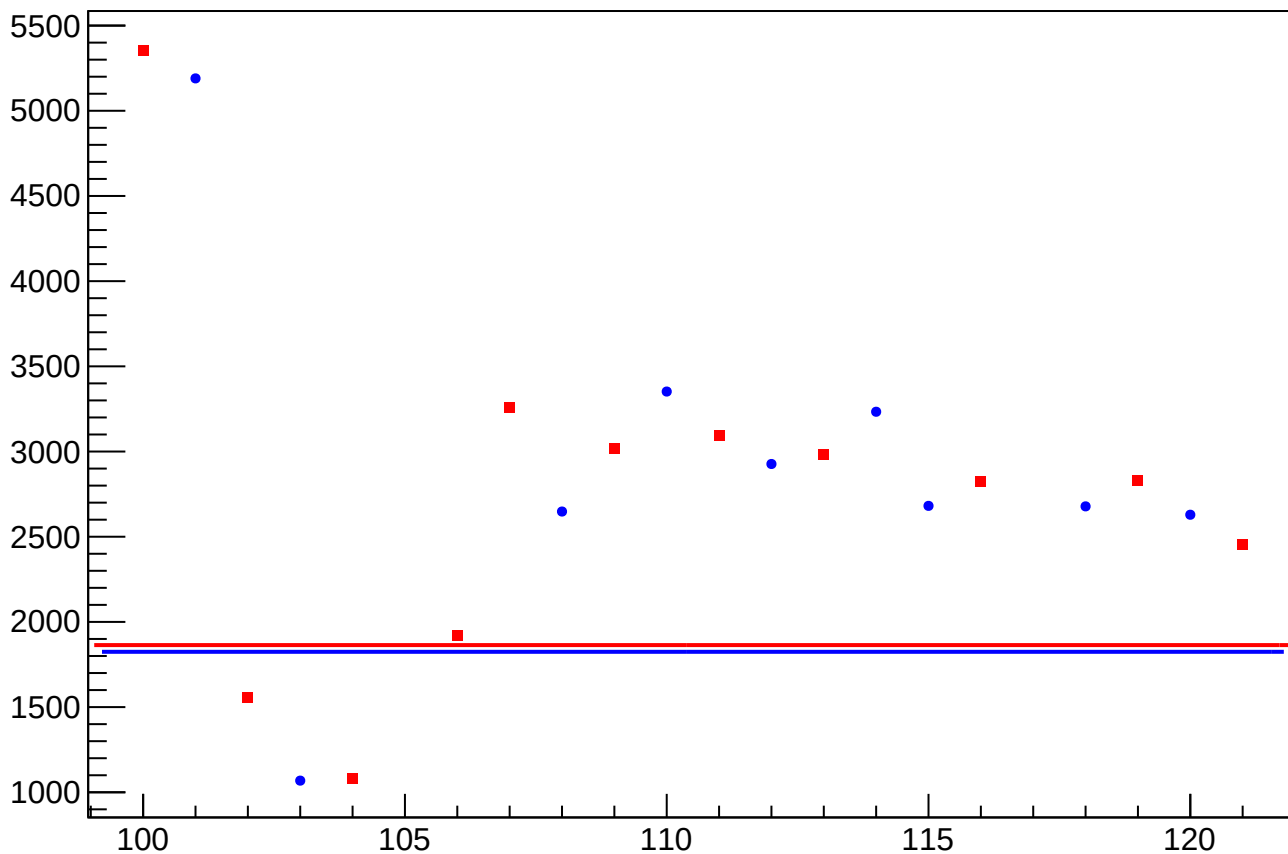
Right: 397.846+/-741.700 χ^2/NDF : 19.7/19

In: 266.071+/-1095.716 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.846+/-741.700 χ^2/NDF : 19.7/19

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1824.565+/-0.775 χ^2/NDF : 1750432.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.972+/-0.710 χ^2/NDF : 1375372.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

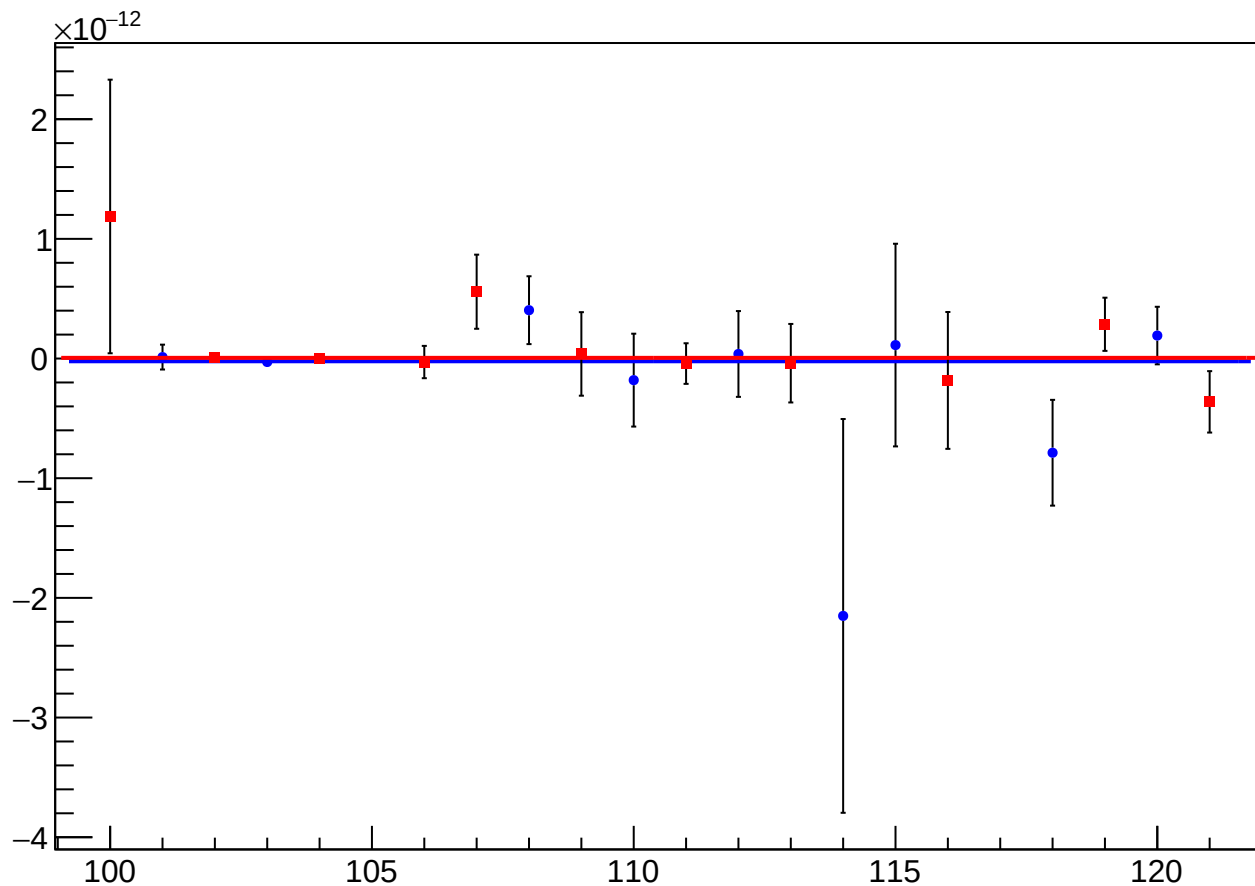
Right: 1845.975+/-0.524 χ^2/NDF : 3127210.2/19

In: 1824.565+/-0.775 χ^2/NDF : 1750432.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1845.975+/-0.524 χ^2/NDF : 3127210.2/19

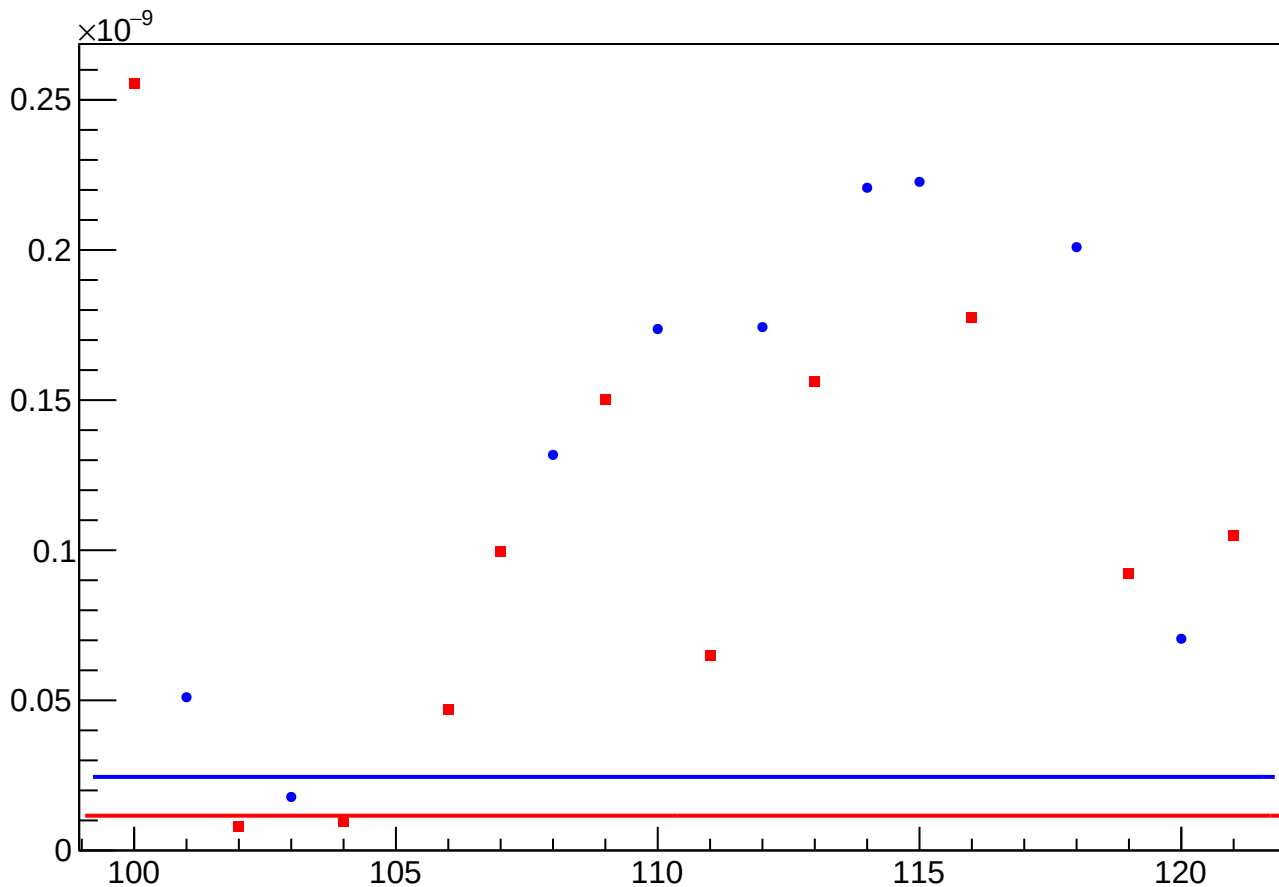
asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.1/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 8.2/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 17.1/19
 In: -0.000+/-0.000 χ^2 /NDF:8.1/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 17.1/19

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1698352.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2047086.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

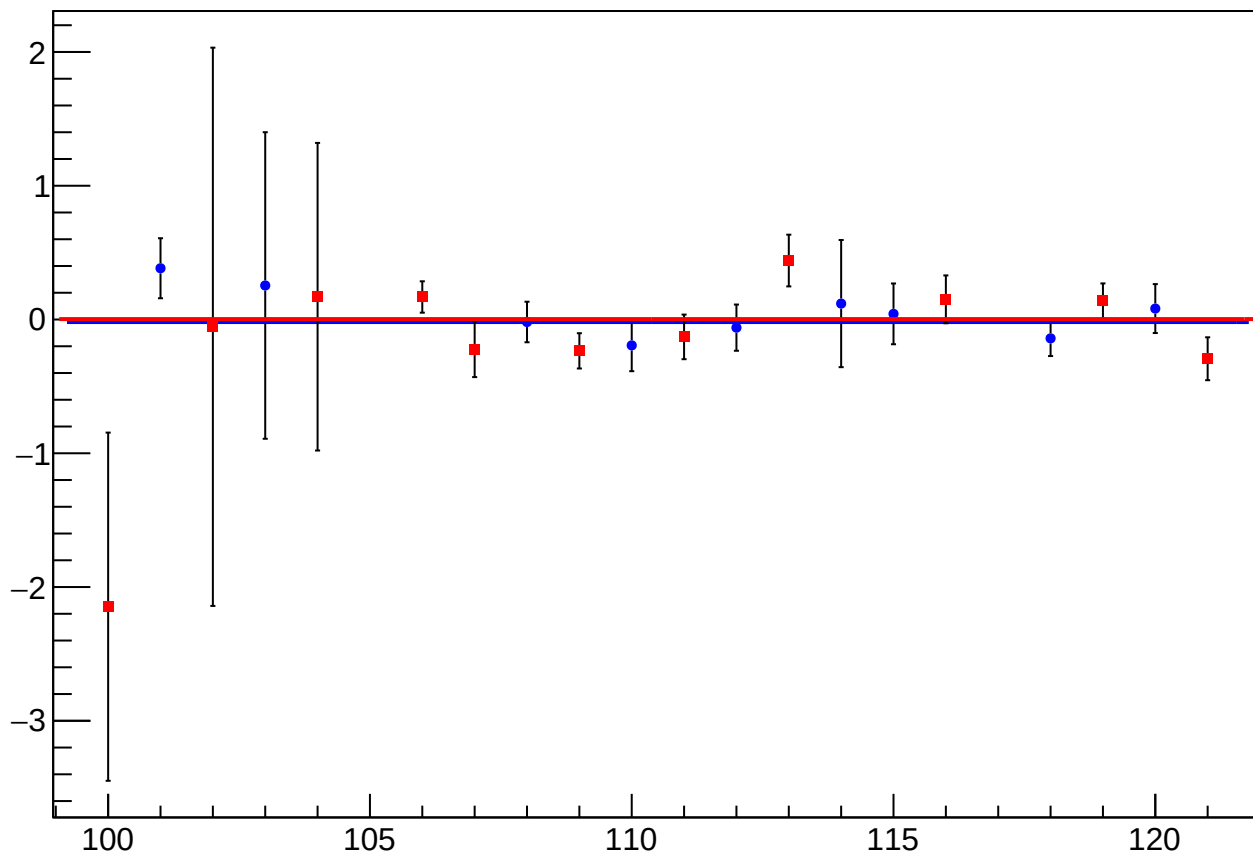
Right: 0.000+/-0.000 χ^2/NDF : 4088938.5/19

In: 0.000+/-0.000 χ^2/NDF : 1698352.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4088938.5/19

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.065 χ^2 /NDF: 5.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.003+/-0.054 χ^2 /NDF: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

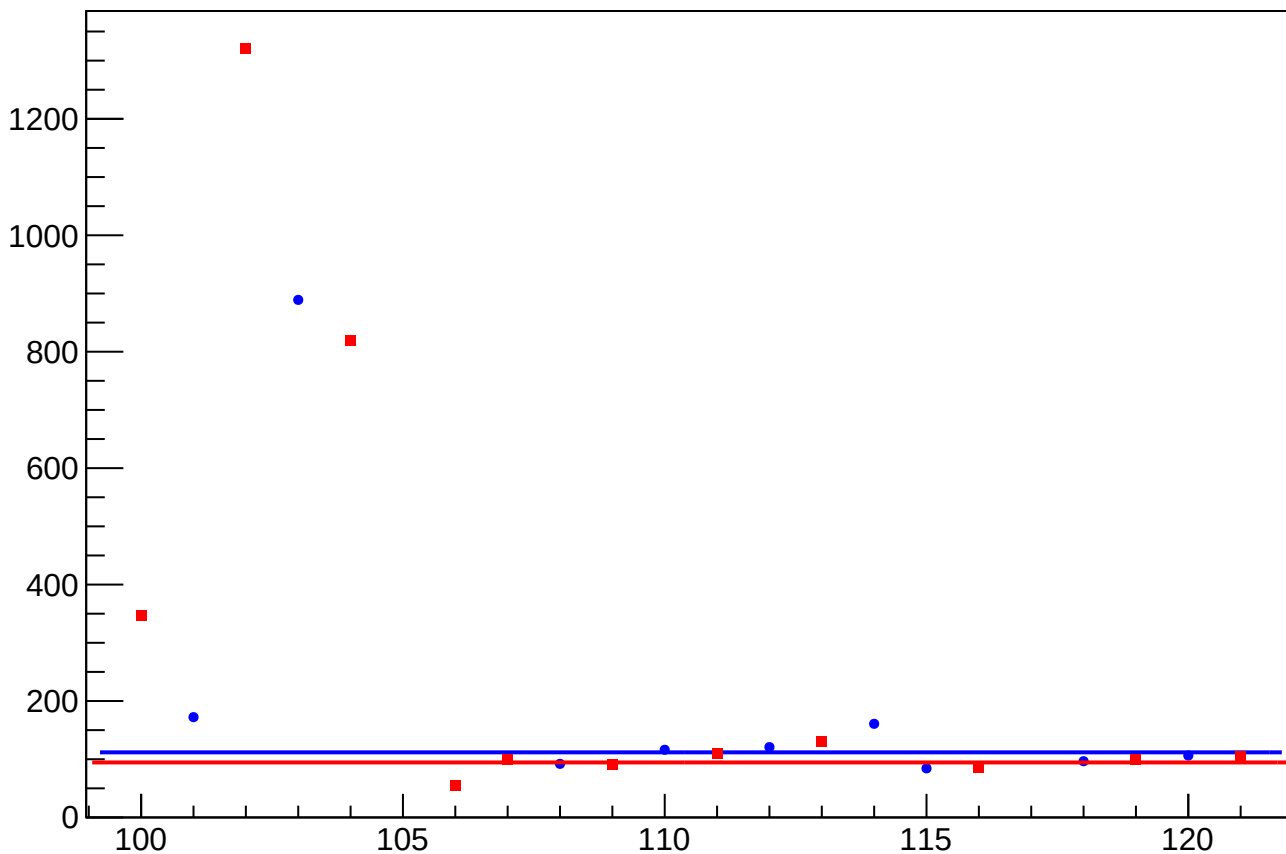
Right: -0.006+/-0.041 χ^2 /NDF: 25.6/19

In: -0.019+/-0.065 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.006+/-0.041 χ^2 /NDF: 25.6/19

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.485+/-0.038 χ^2/NDF : 1891155.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

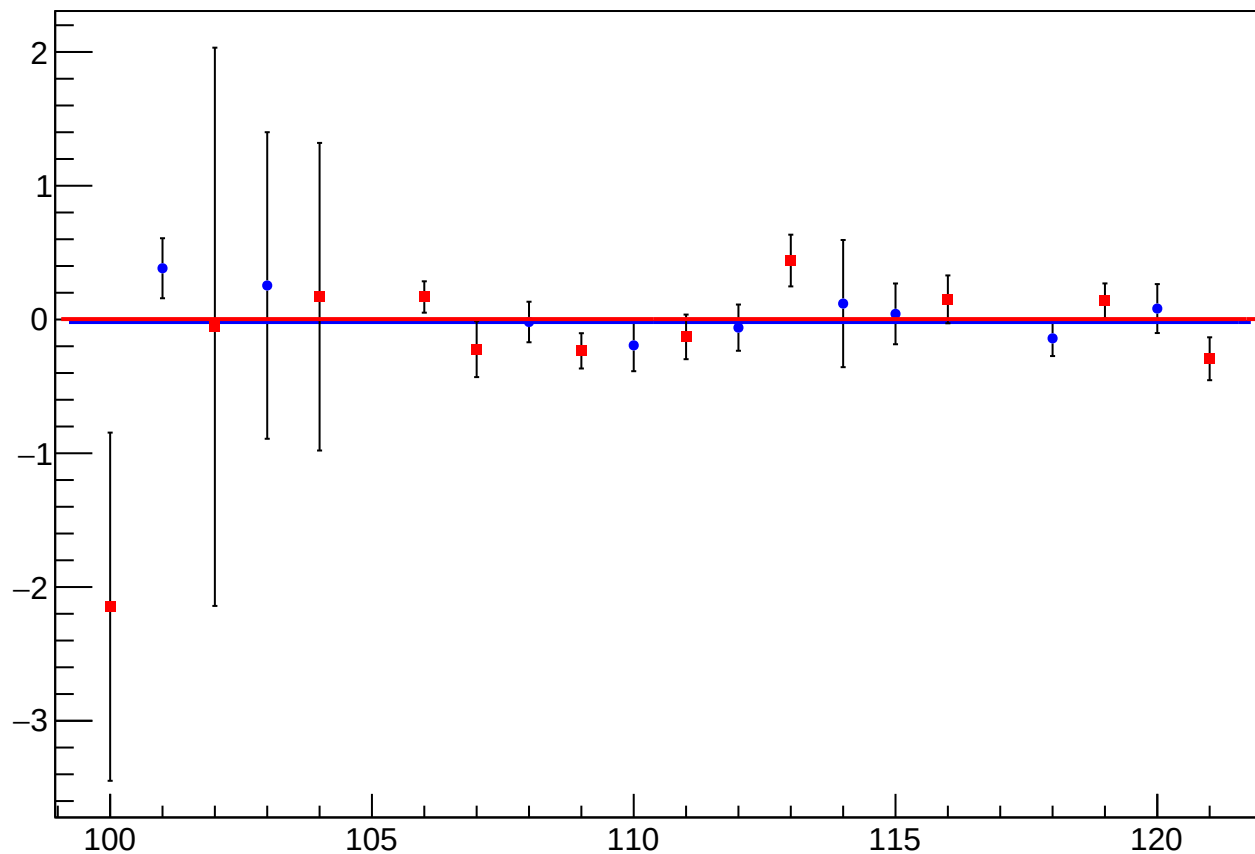
Right: 101.509+/-0.029 χ^2/NDF : 3160132.6/19

In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.509+/-0.029 χ^2/NDF : 3160132.6/19

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.065 χ^2 /NDF: 5.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.003+/-0.054 χ^2 /NDF: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

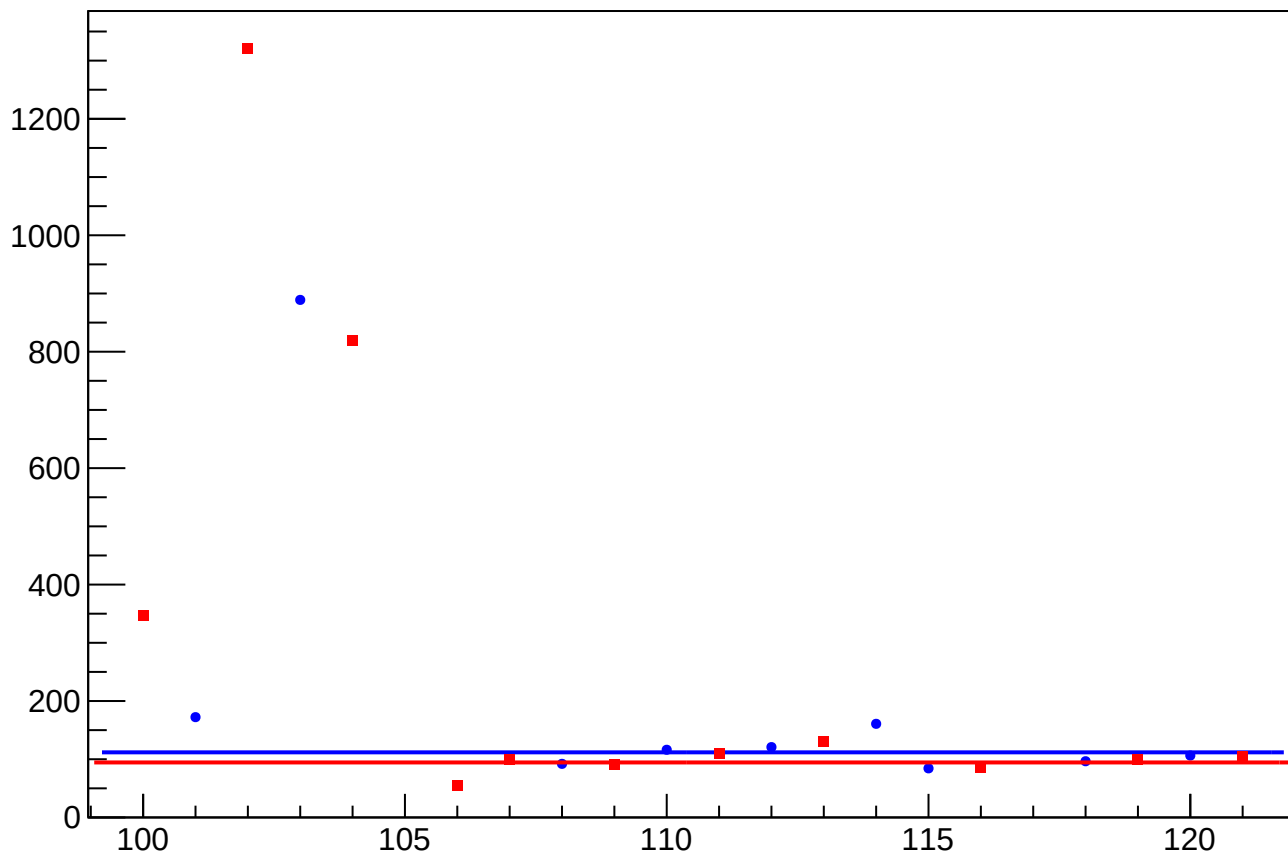
Right: -0.006+/-0.041 χ^2 /NDF: 25.6/19

In: -0.019+/-0.065 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.006+/-0.041 χ^2 /NDF: 25.6/19

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.485+/-0.038 χ^2/NDF : 1891155.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

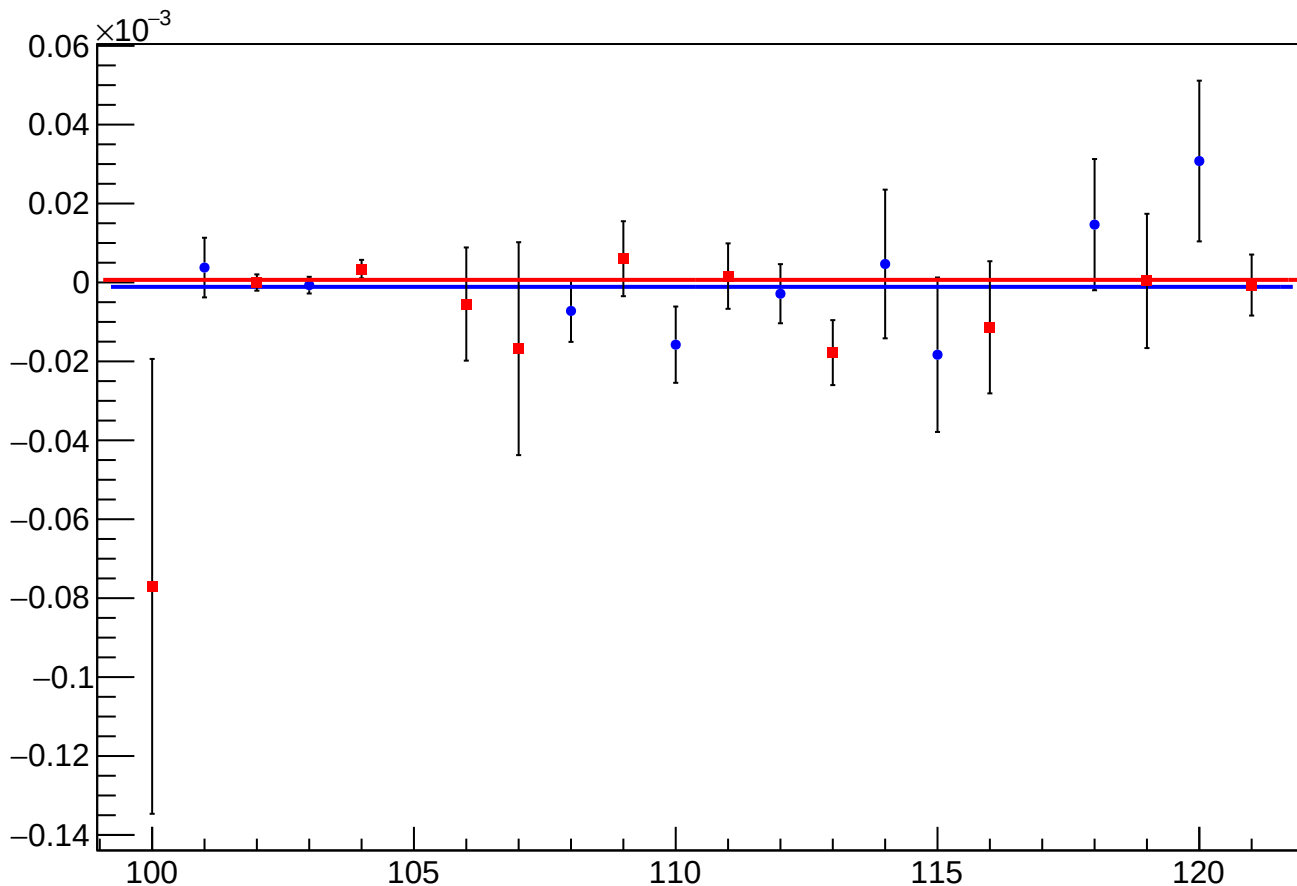
Right: 101.509+/-0.029 χ^2/NDF : 3160132.6/19

In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.509+/-0.029 χ^2/NDF : 3160132.6/19

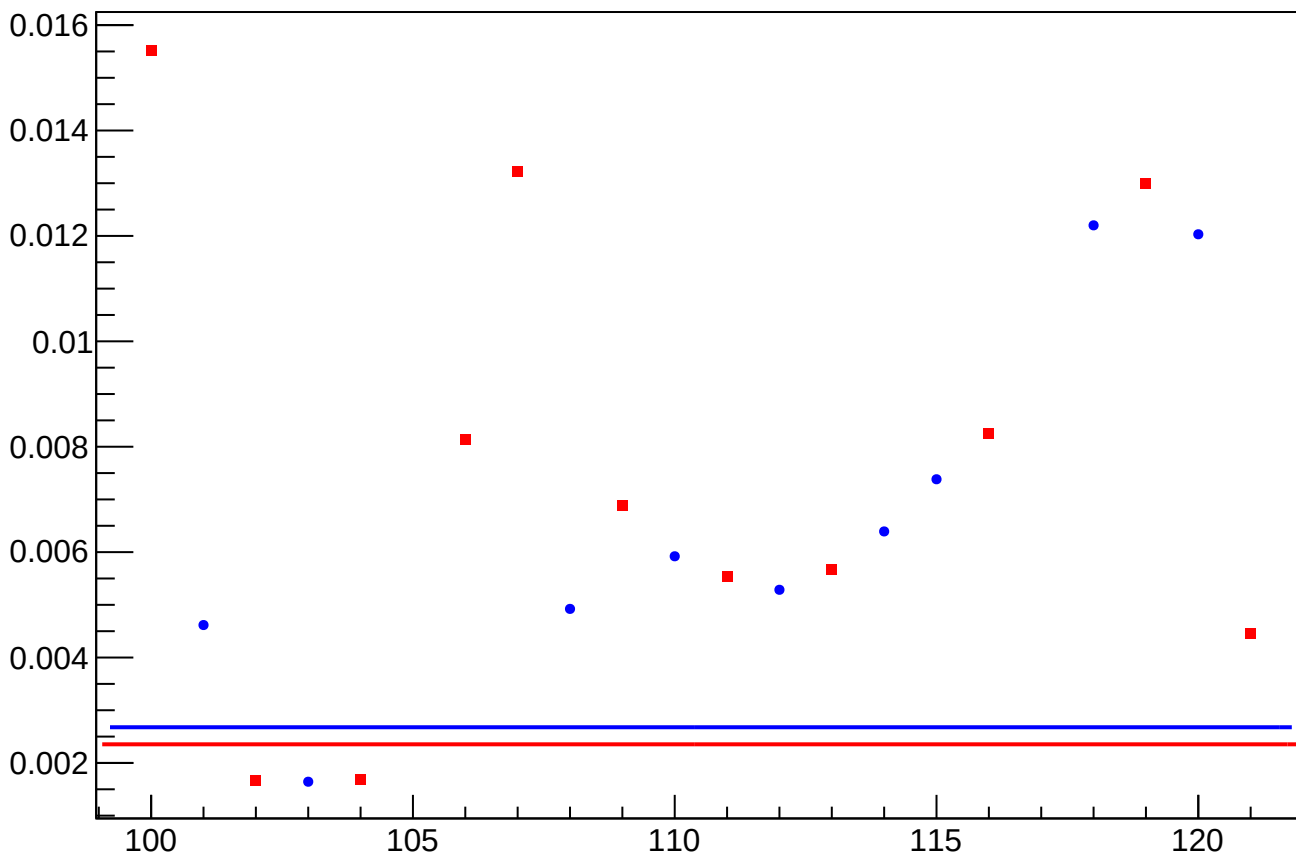
asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 18.0/19
 In: -0.000+/-0.000 χ^2/NDF :7.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 18.0/19

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 : 2513765.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3398969.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

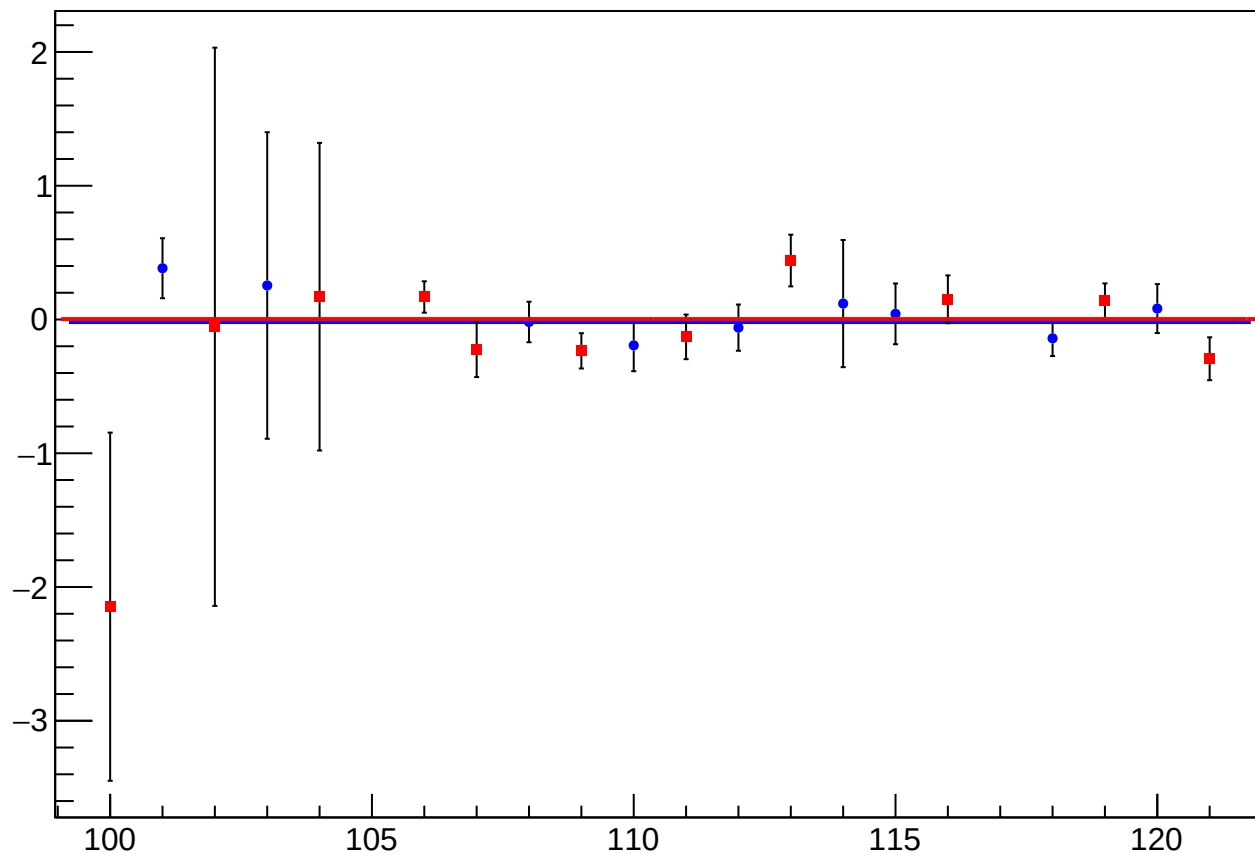
Right: 0.002+/-0.000 χ^2/NDF : 5951526.4/19

In: 0.003+/-0.000 χ^2/NDF :2513765.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5951526.4/19

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.065 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.054 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

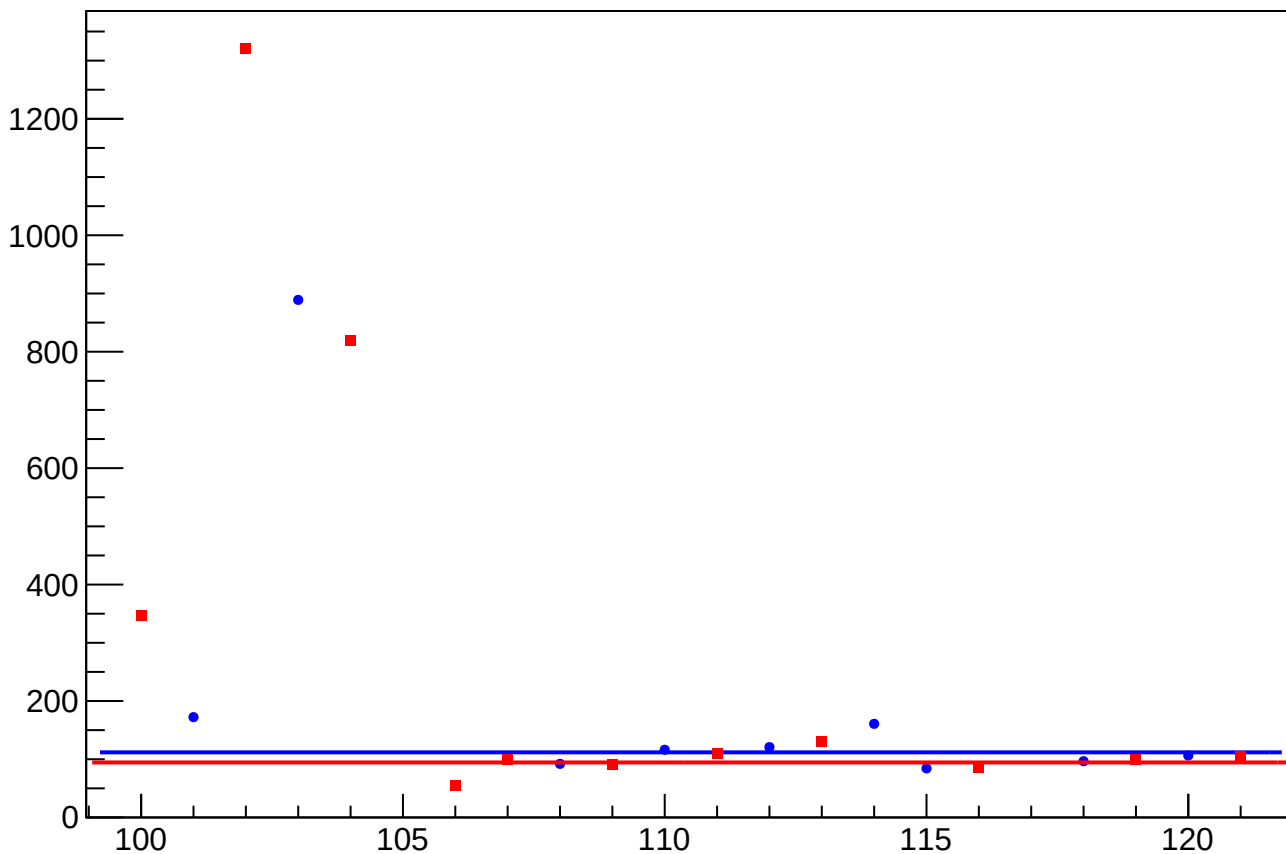
Right: -0.006+/-0.041 χ^2/NDF : 25.6/19

In: -0.019+/-0.065 χ^2/NDF :5.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.041 χ^2/NDF : 25.6/19

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.484+/-0.038 χ^2/NDF : 1891223.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

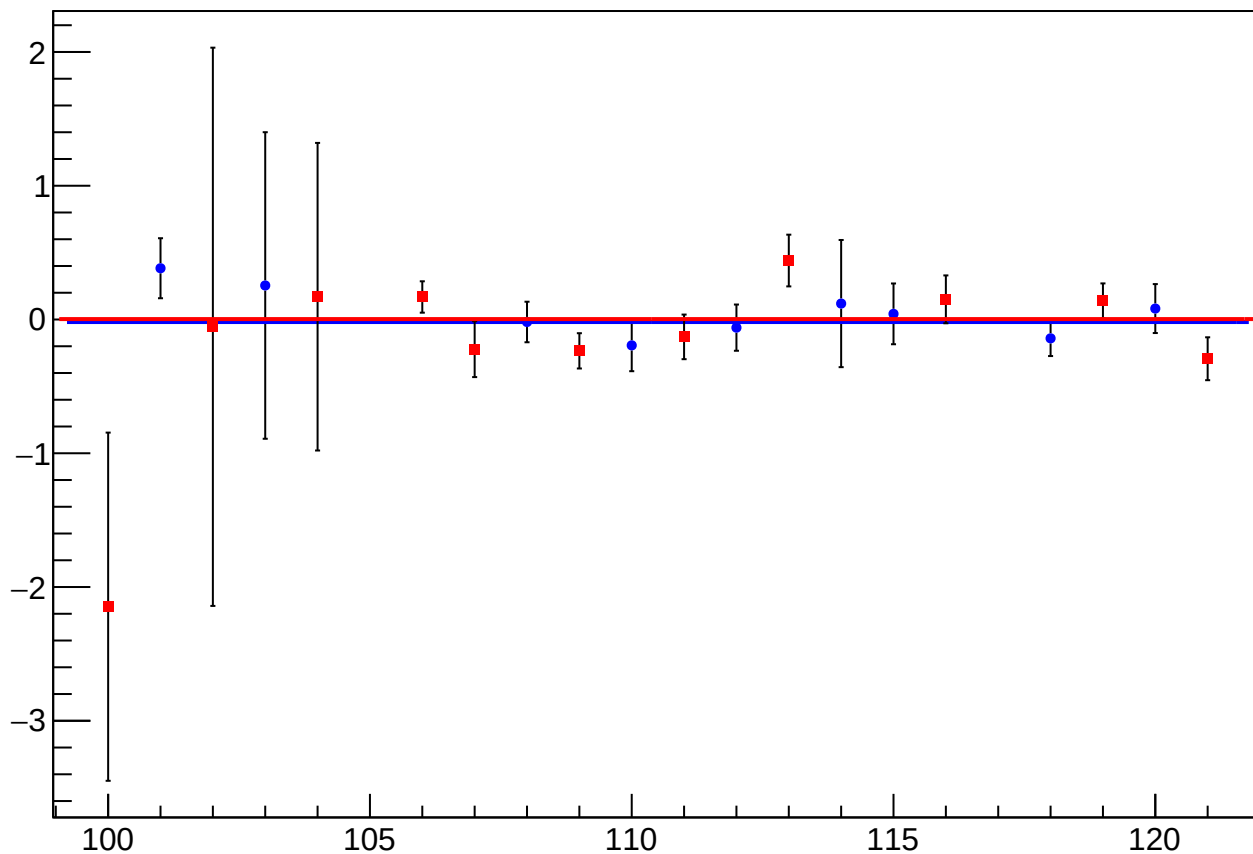
Right: 101.509+/-0.029 χ^2/NDF : 3160205.2/19

In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.509+/-0.029 χ^2/NDF : 3160205.2/19

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 $\pm$ 0.065 χ^2/NDF : 5.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 $\pm$ 0.054 χ^2/NDF : 20.1/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

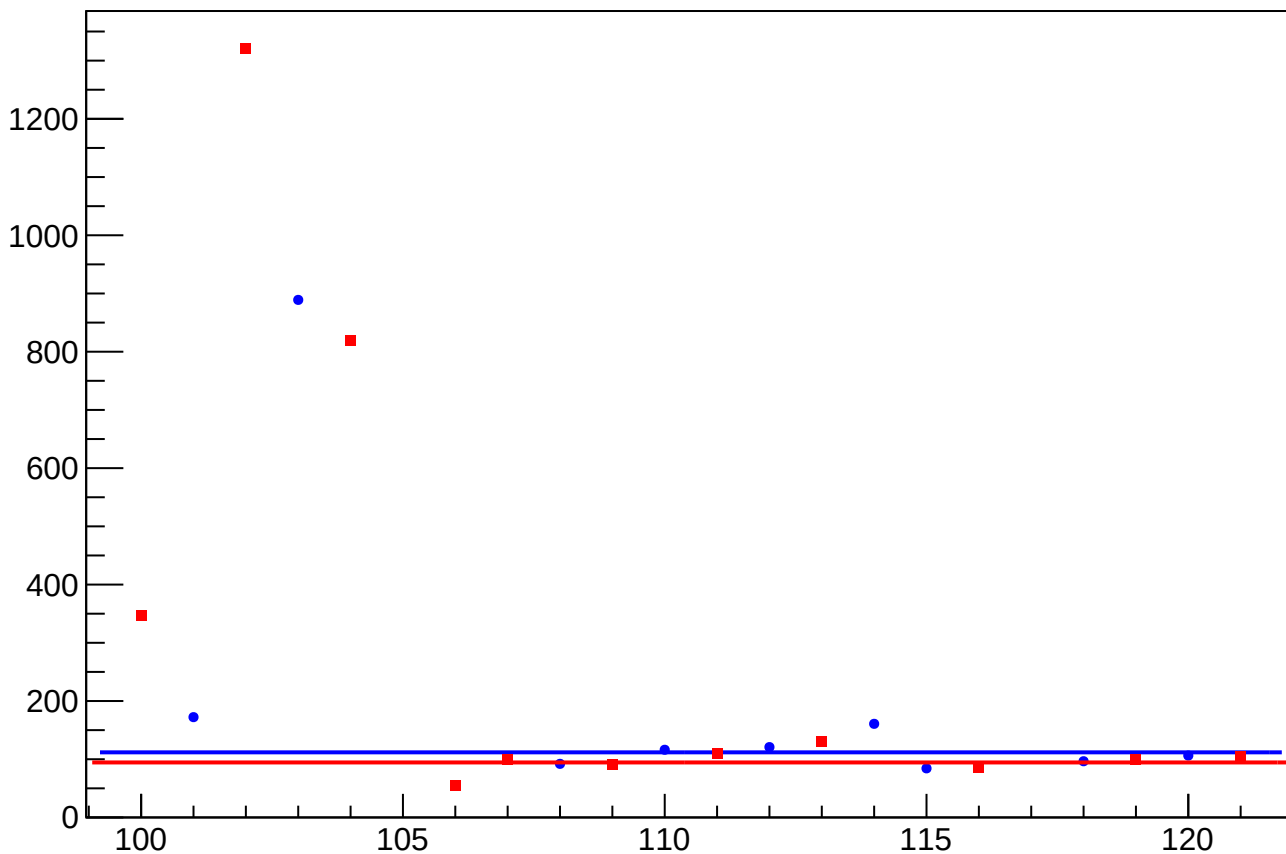
Right: -0.006 $\pm$ 0.041 χ^2/NDF : 25.6/19

In: -0.019 $\pm$ 0.065 χ^2/NDF : 5.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.006 $\pm$ 0.041 χ^2/NDF : 25.6/19

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.484+/-0.038 χ^2/NDF : 1891223.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

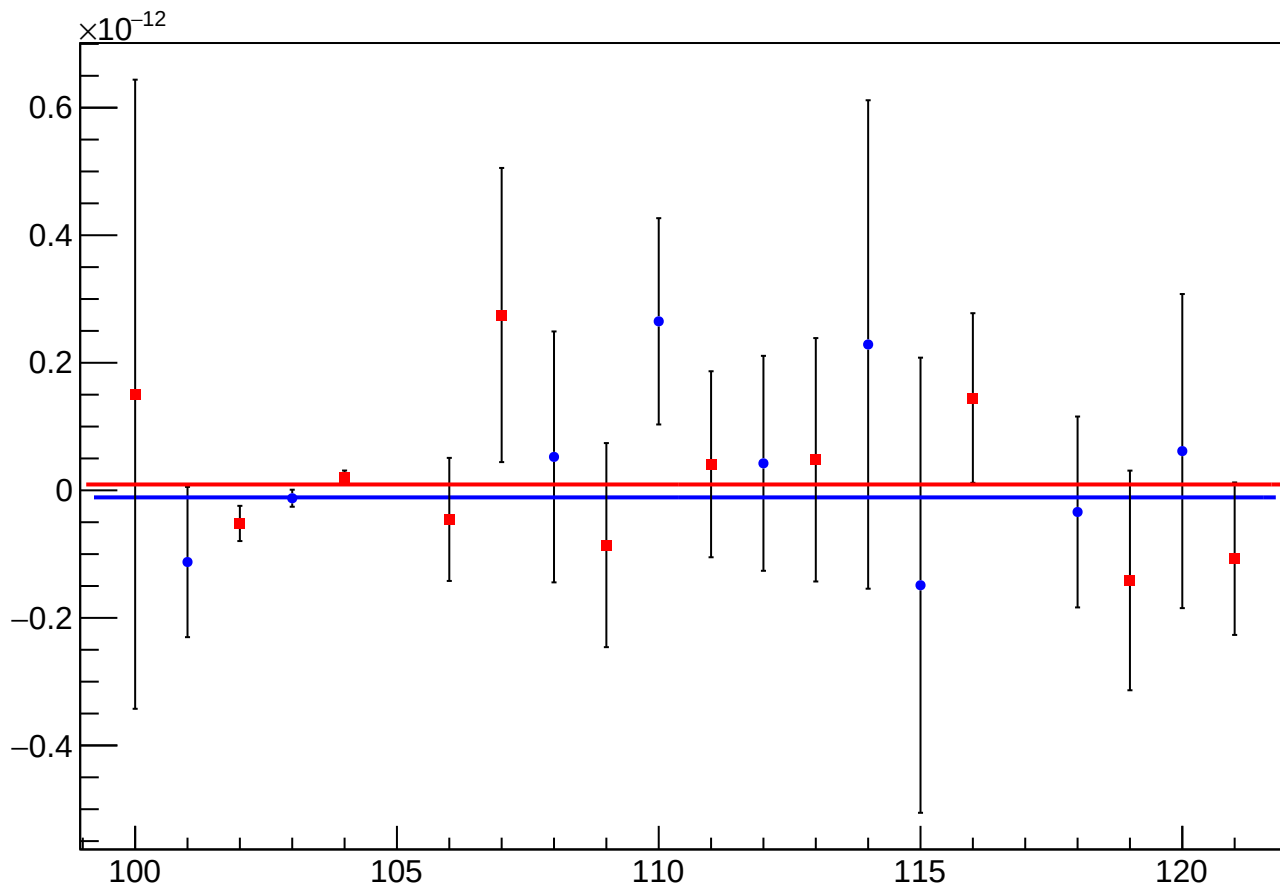
Right: 101.509+/-0.029 χ^2/NDF : 3160205.2/19

In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.509+/-0.029 χ^2/NDF : 3160205.2/19

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 : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

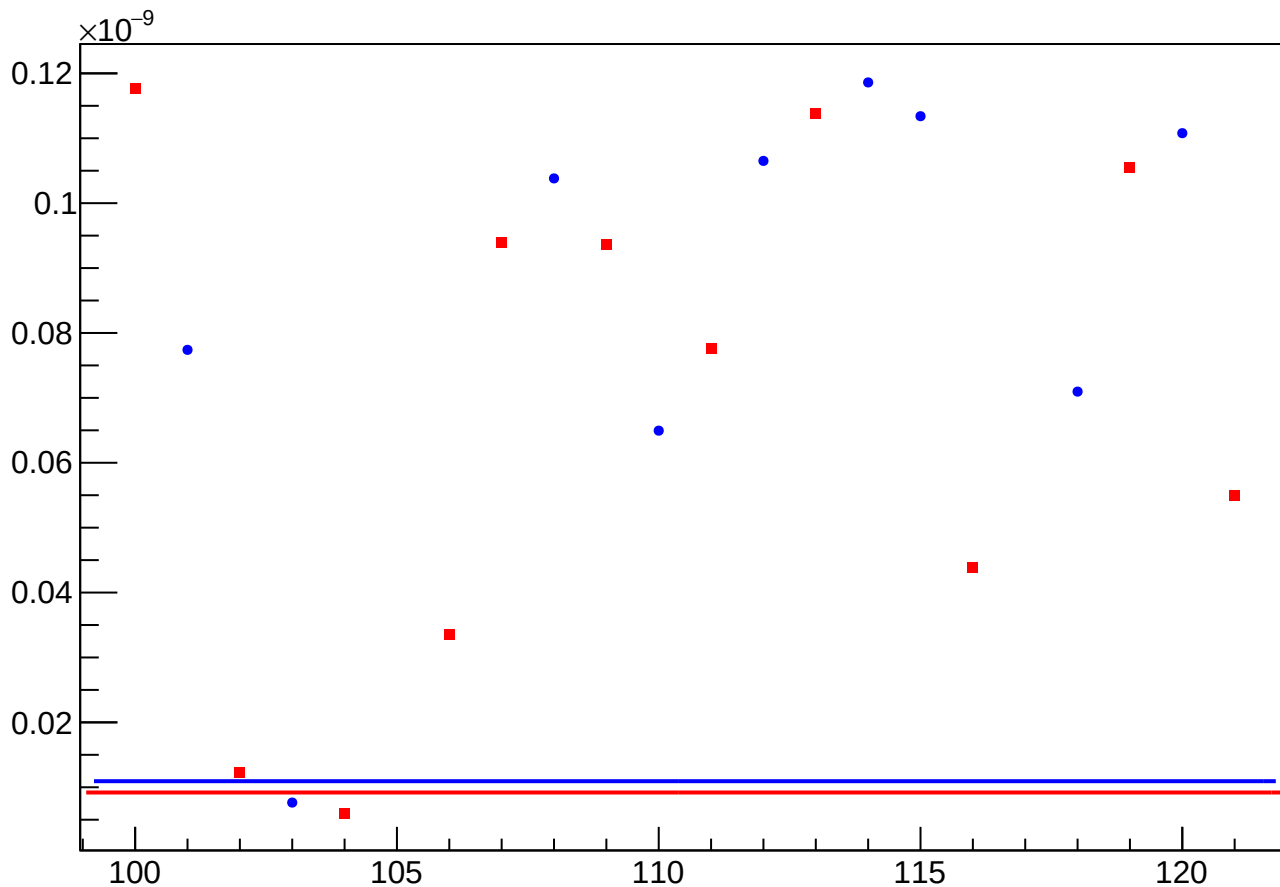
Right: 0.000+/-0.000 χ^2/NDF : 16.8/19

In: -0.000+/-0.000 χ^2/NDF :4.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.8/19

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 : 3043744.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3348230.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

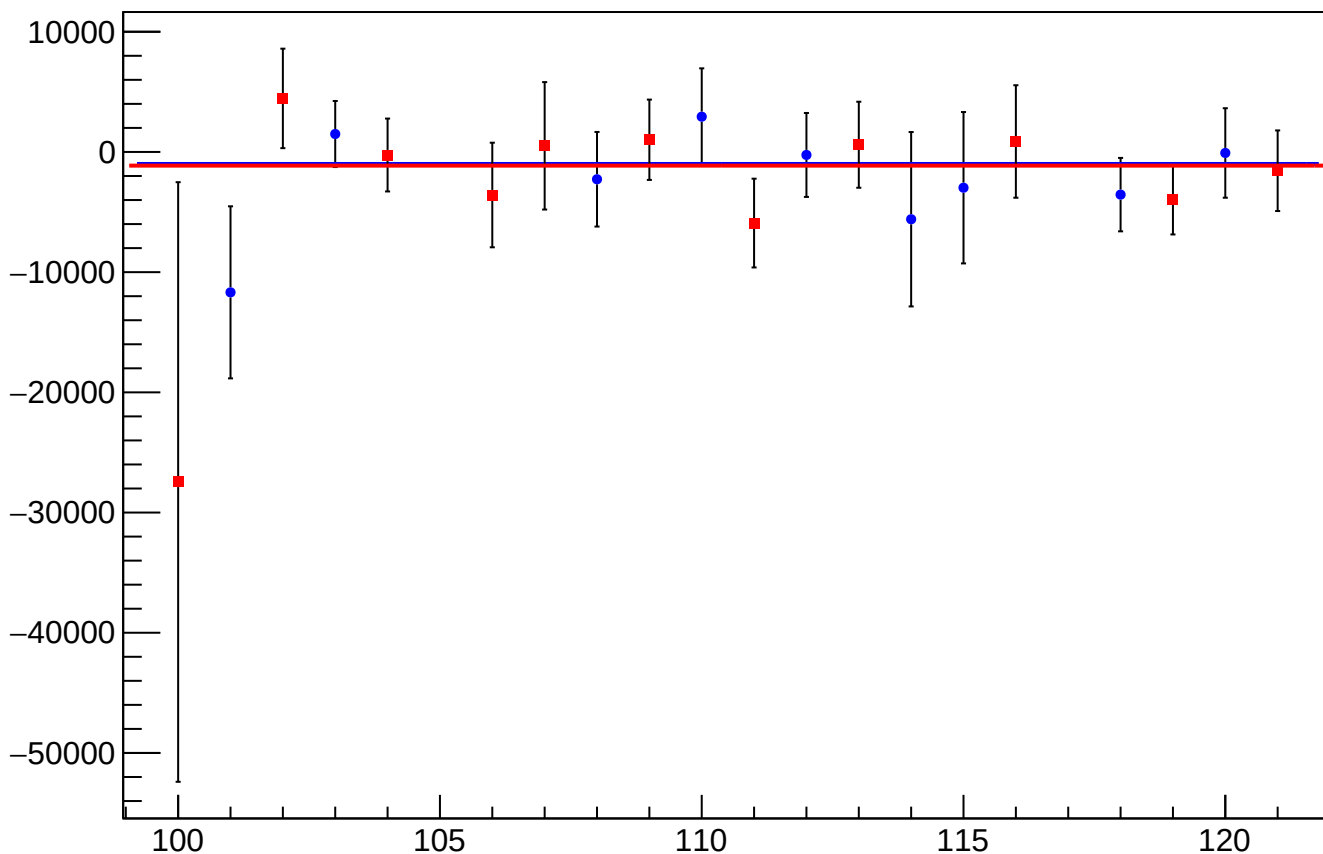
Right: 0.000+/-0.000 χ^2/NDF : 6414224.3/19

In: 0.000+/-0.000 χ^2/NDF : 3043744.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6414224.3/19

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1000.241+/-1308.717 χ^2 /NDF: 5.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1137.371+/-1152.308 χ^2 /NDF: 6.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

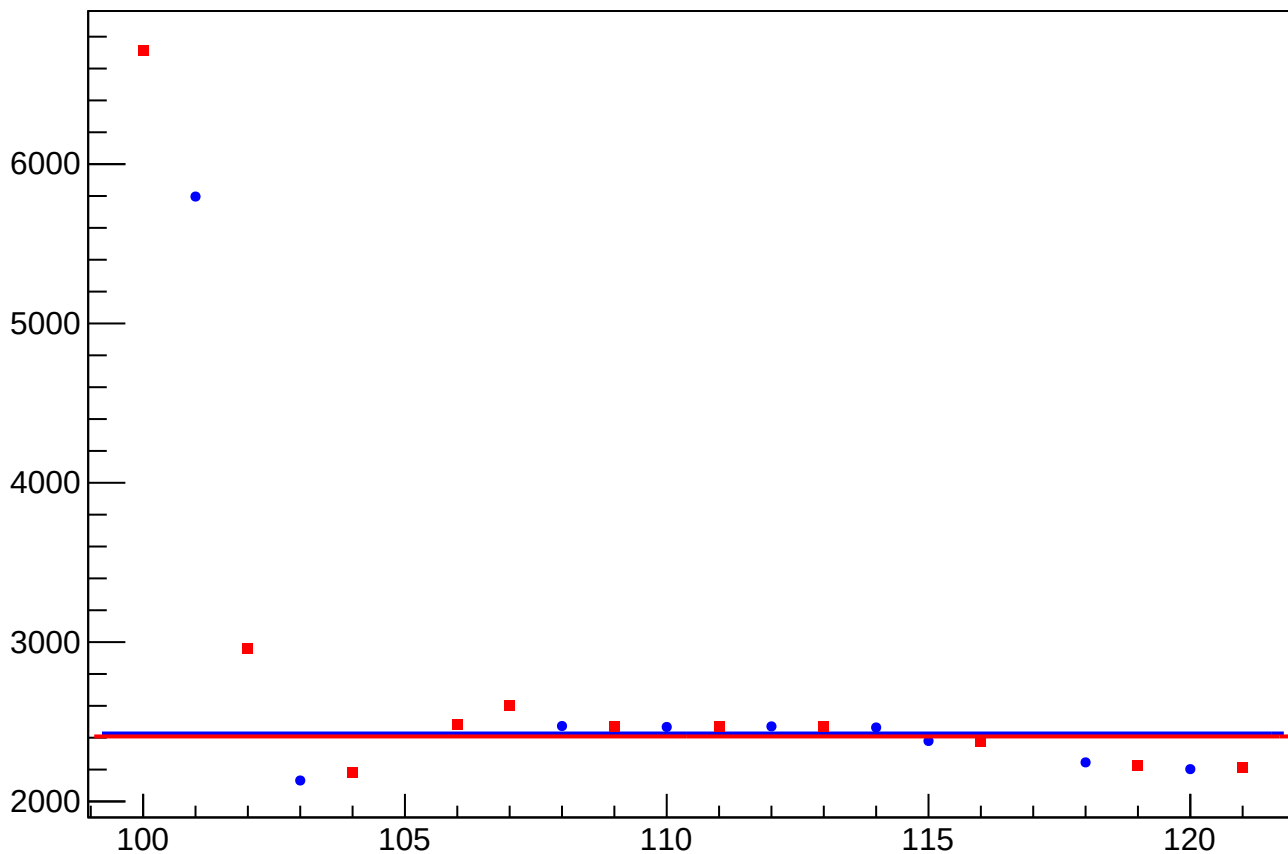
Right: -1077.486+/-864.844 χ^2 /NDF: 12.4/19

In: -1000.241+/-1308.717 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1077.486+/-864.844 χ^2 /NDF: 12.4/19

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2426.336+/-0.925 χ^2/NDF : 481644.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2407.929+/-0.815 χ^2/NDF : 125966.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

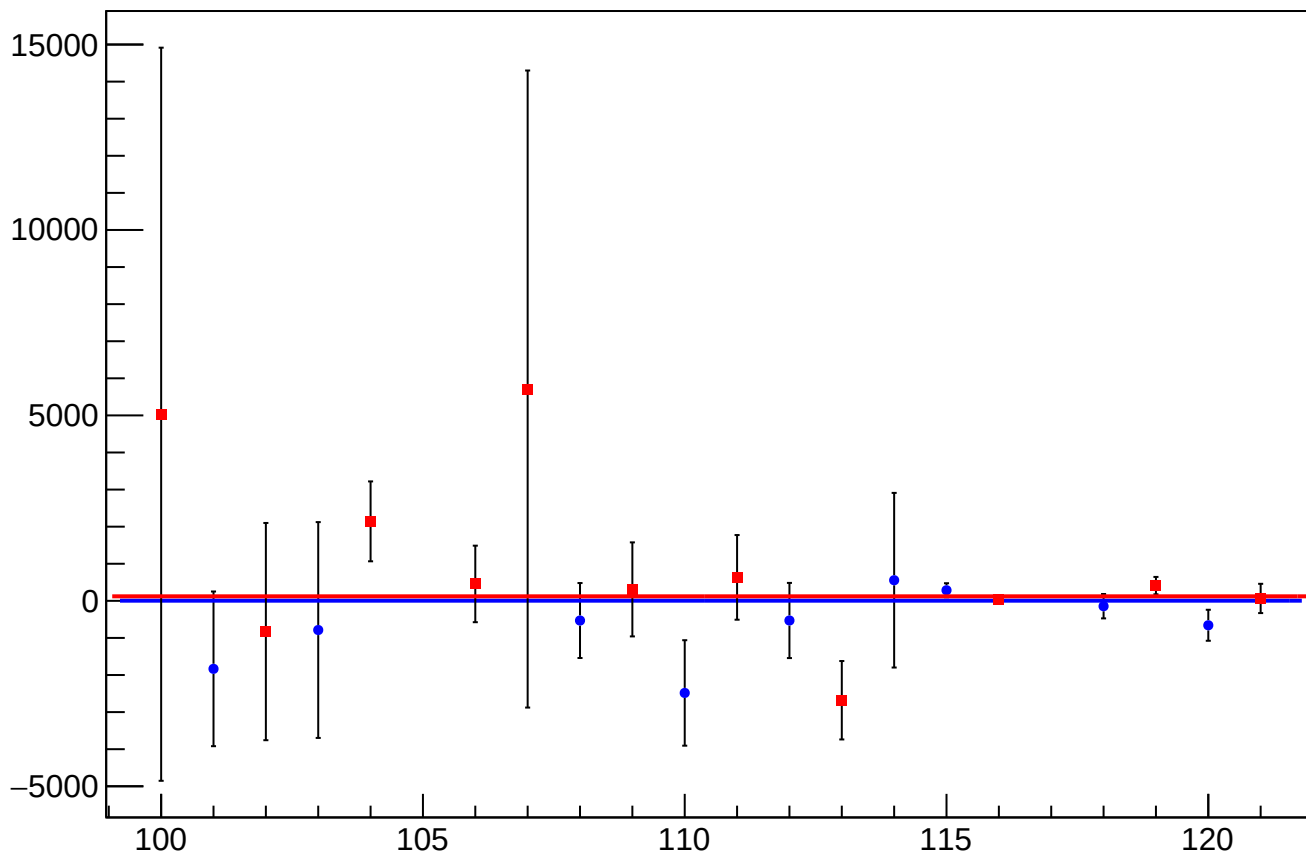
Right: 2415.968+/-0.612 χ^2/NDF : 607833.8/19

In: 2426.336+/-0.925 χ^2/NDF : 481644.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.968+/-0.612 χ^2/NDF : 607833.8/19

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 4.554+/-147.508 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.698+/-104.019 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

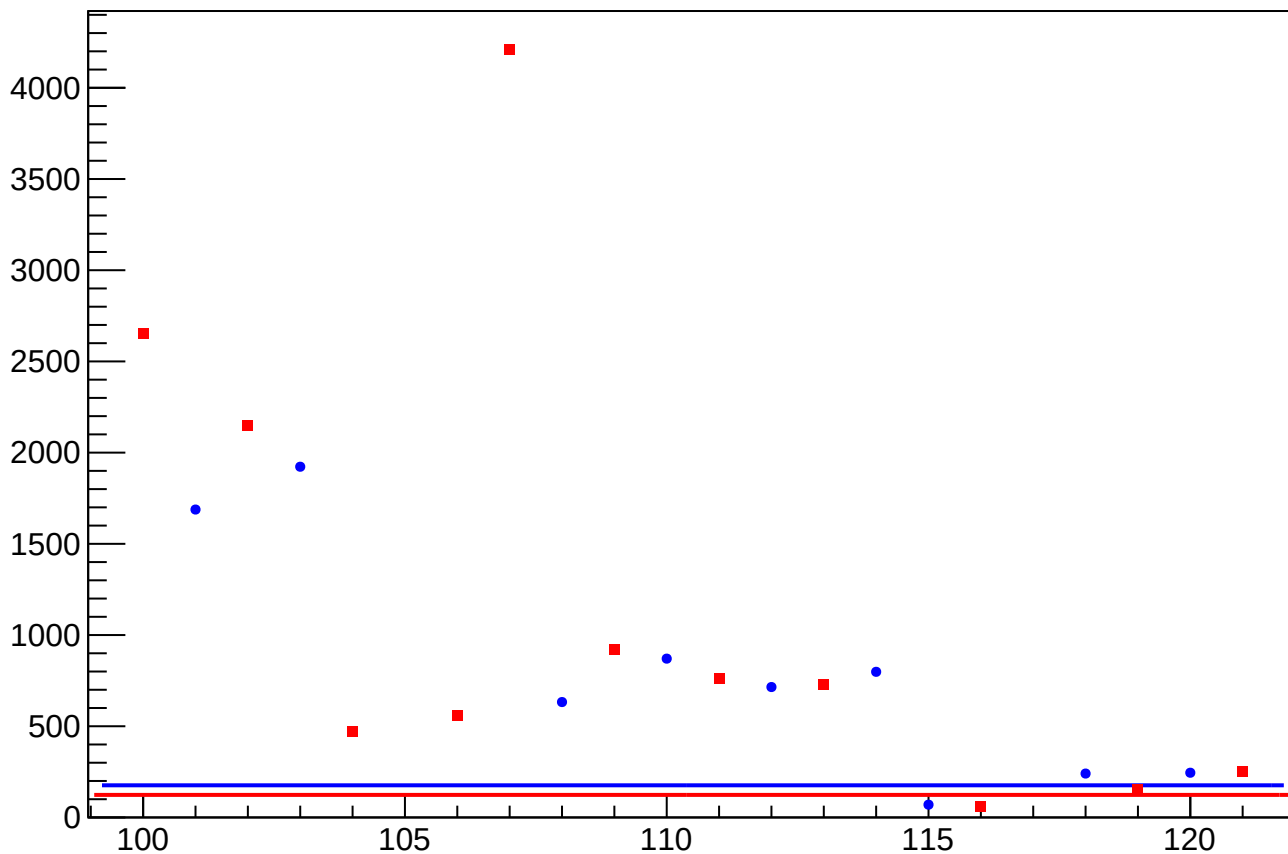
Right: 82.792+/-85.008 χ^2/NDF : 23.5/19

In: 4.554+/-147.508 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.792+/-85.008 χ^2/NDF : 23.5/19

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 176.252 $\pm$ 0.104 χ^2 /NDF: 4123540.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.649 $\pm$ 0.074 χ^2 /NDF: 4910230.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

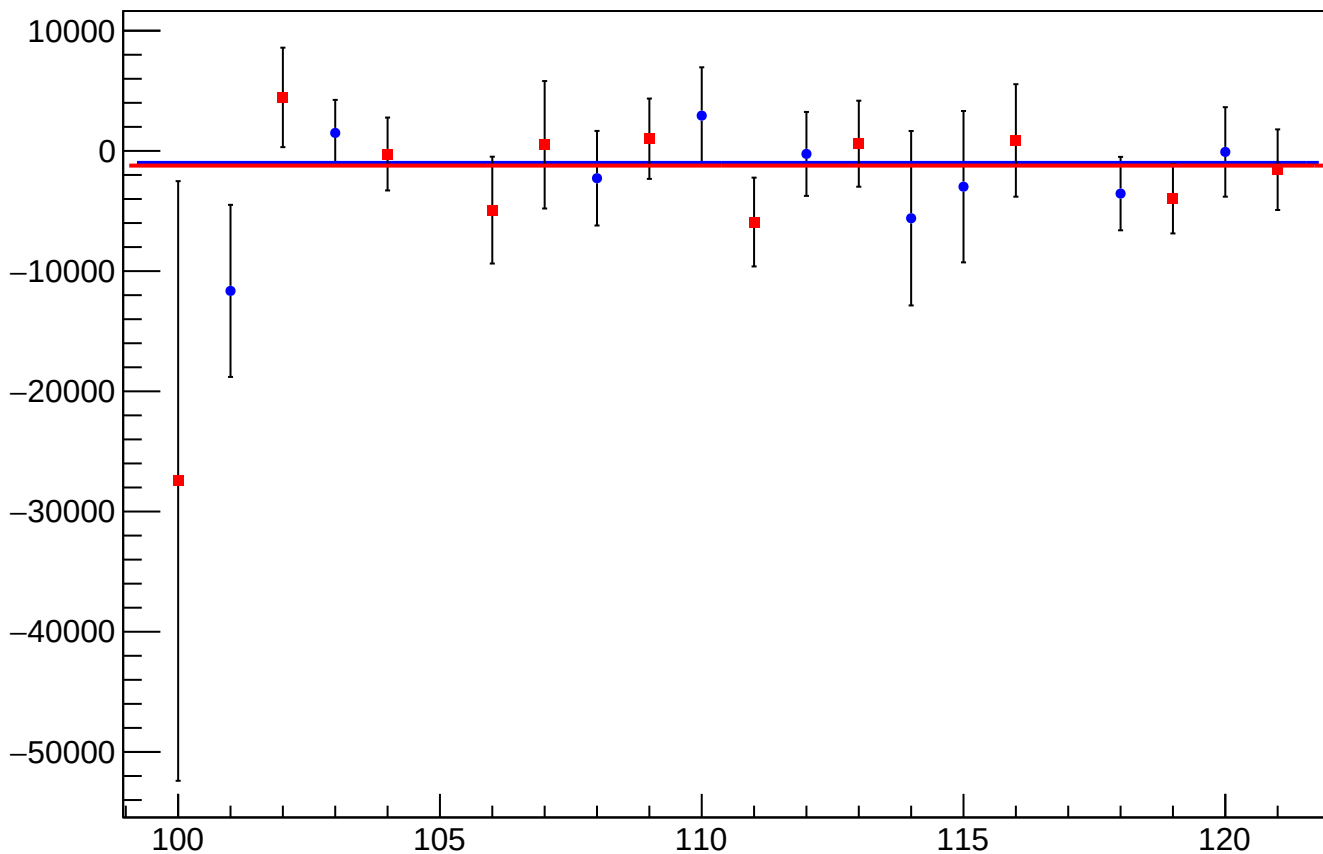
Right: 141.119 $\pm$ 0.060 χ^2 /NDF: 9203644.5/19

In: 176.252 $\pm$ 0.104 χ^2 /NDF:4123540.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.119 $\pm$ 0.060 χ^2 /NDF: 9203644.5/19

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.772+/-1153.989 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

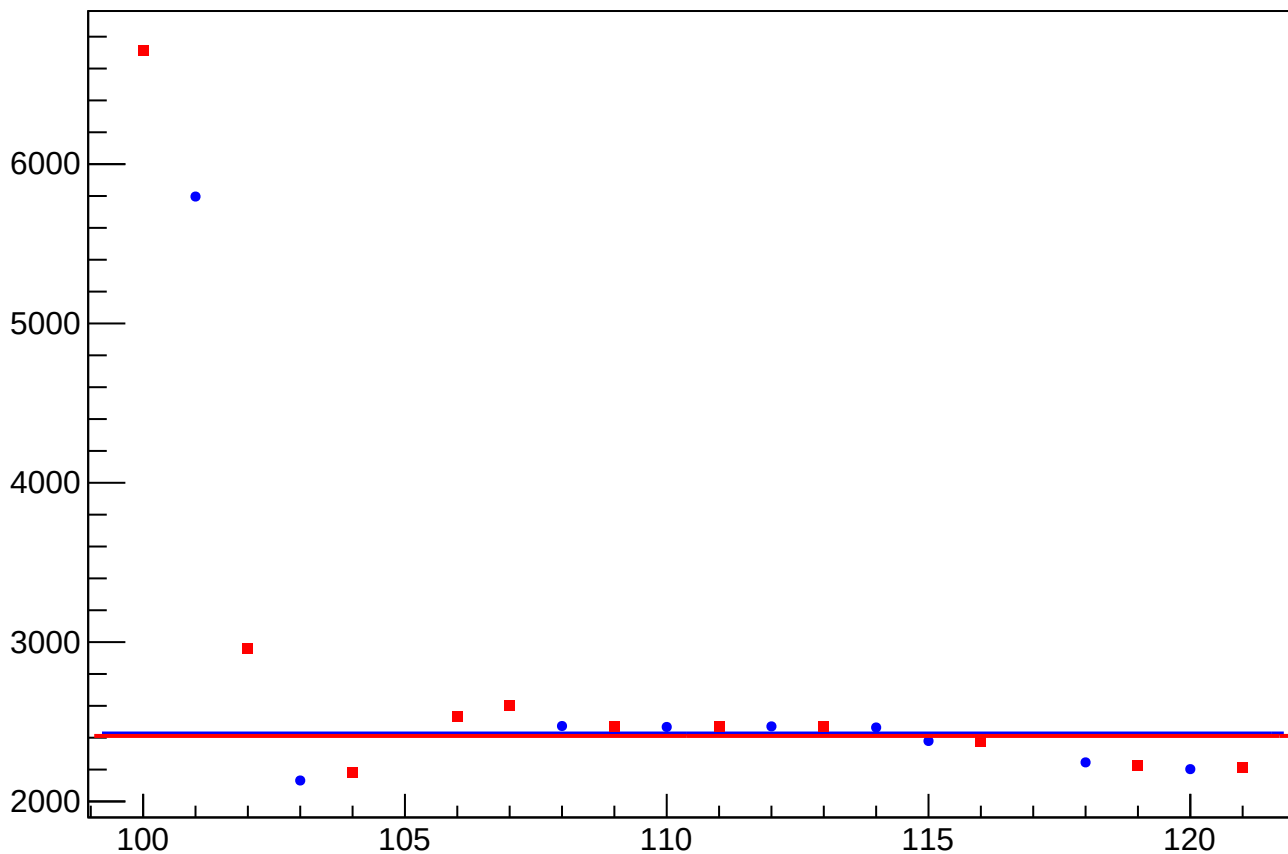
Right: -1123.976+/-865.554 χ^2/NDF : 12.8/19

In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1123.976+/-865.554 χ^2/NDF : 12.8/19

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2411.128+/-0.816 χ^2/NDF : 126965.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

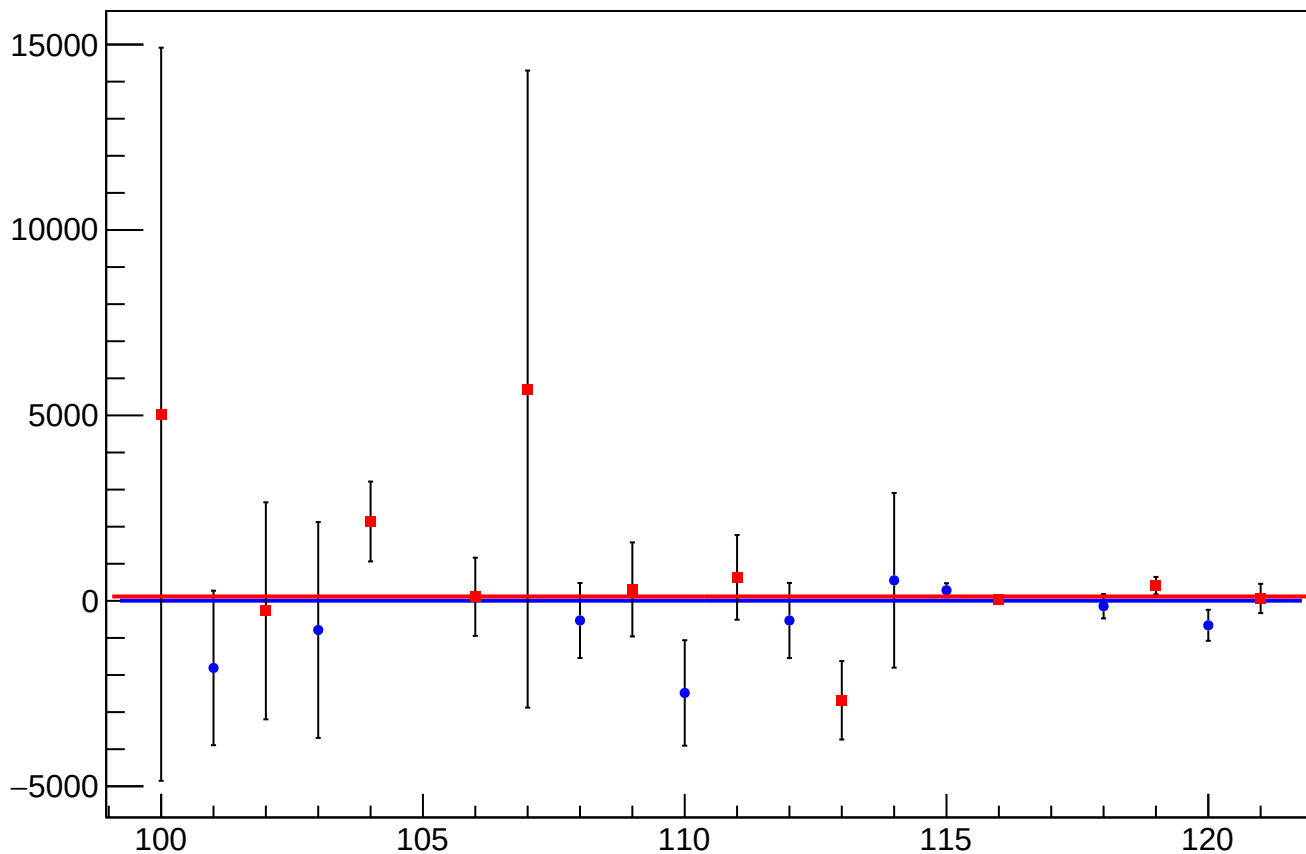
Right: 2417.780+/-0.612 χ^2/NDF : 608762.4/19

In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2417.780+/-0.612 χ^2/NDF : 608762.4/19

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.114+/-103.891 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

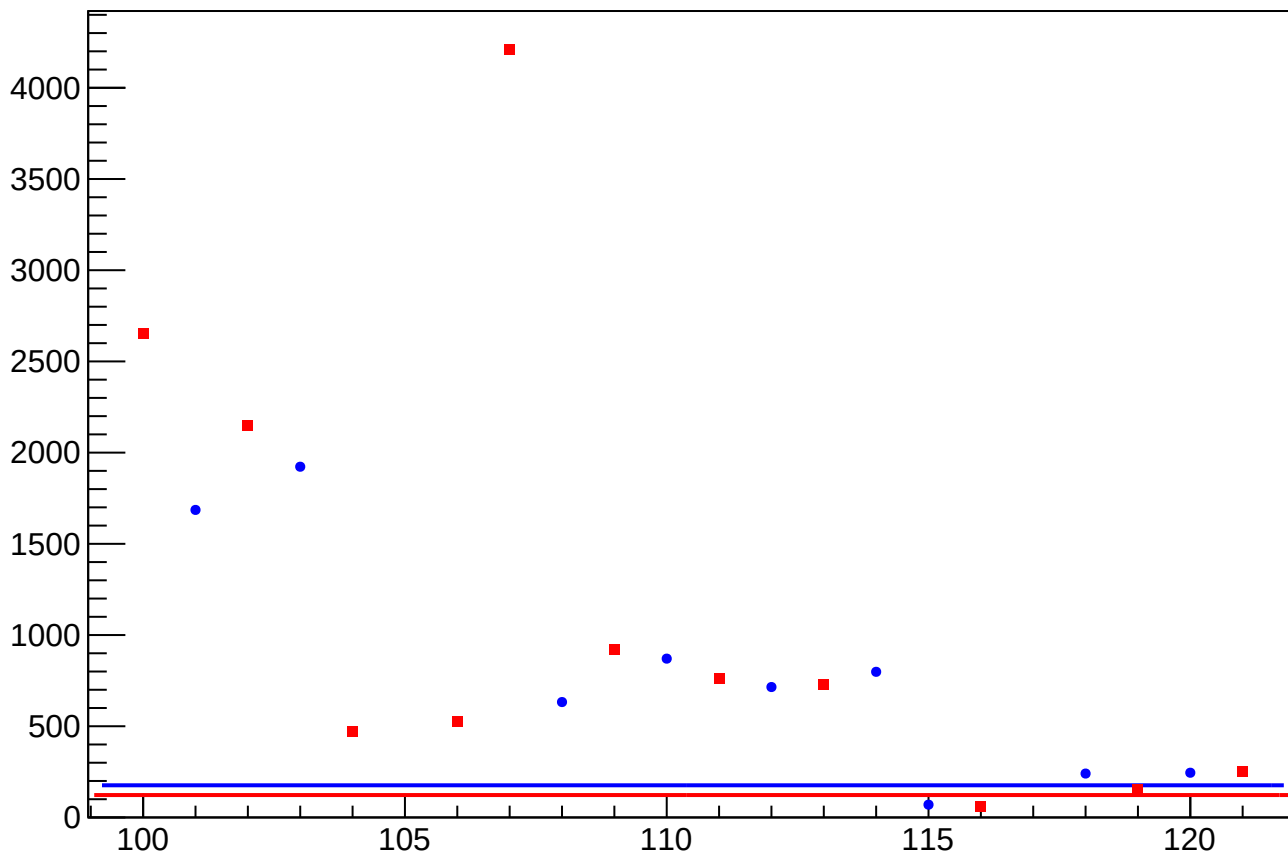
Right: 80.510+/-84.945 χ^2/NDF : 23.2/19

In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.510+/-84.945 χ^2/NDF : 23.2/19

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.833+/-0.073 χ^2/NDF : 4854850.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

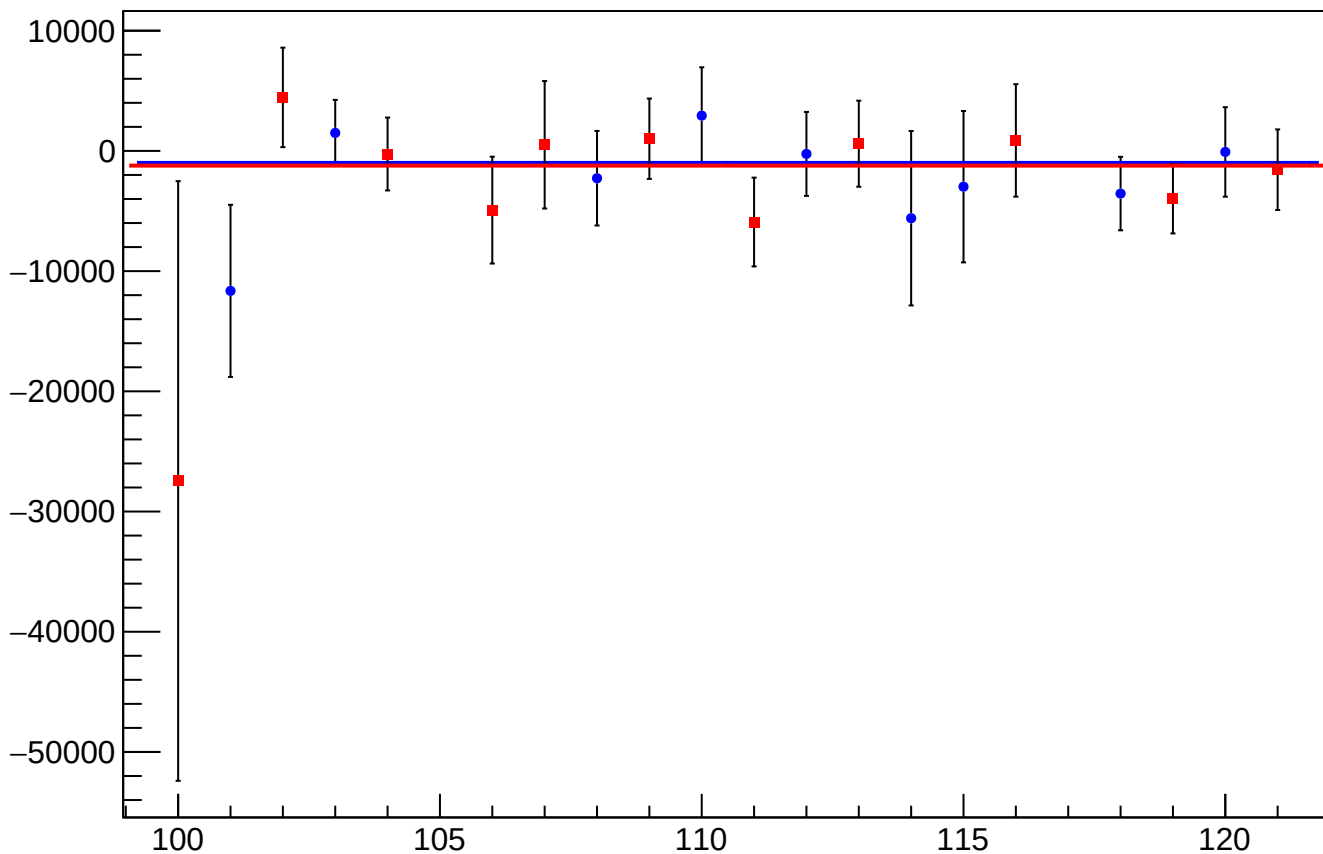
Right: 140.565+/-0.060 χ^2/NDF : 9153059.6/19

In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.565+/-0.060 χ^2/NDF : 9153059.6/19

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.772+/-1153.989 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

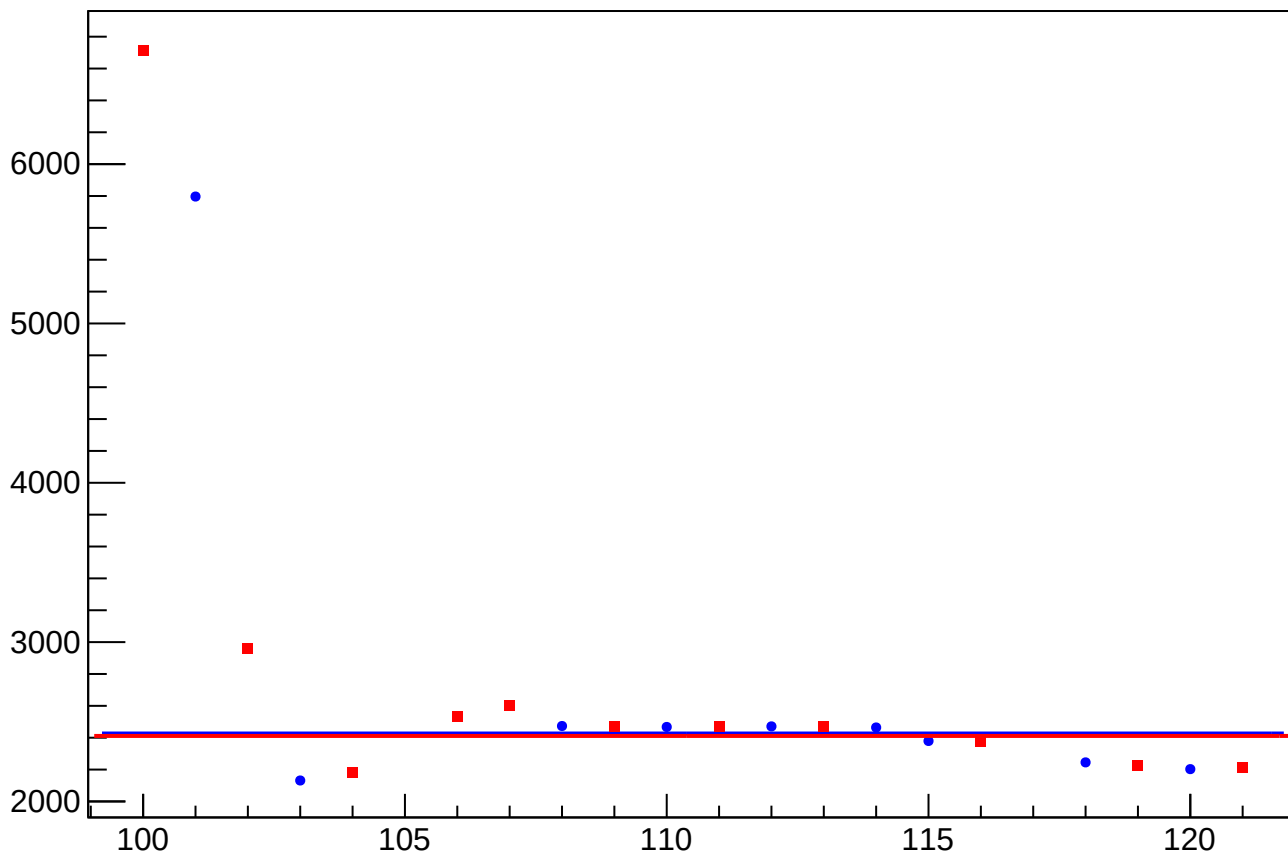
Right: -1123.976+/-865.554 χ^2/NDF : 12.8/19

In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1123.976+/-865.554 χ^2/NDF : 12.8/19

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2411.128+/-0.816 χ^2/NDF : 126965.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

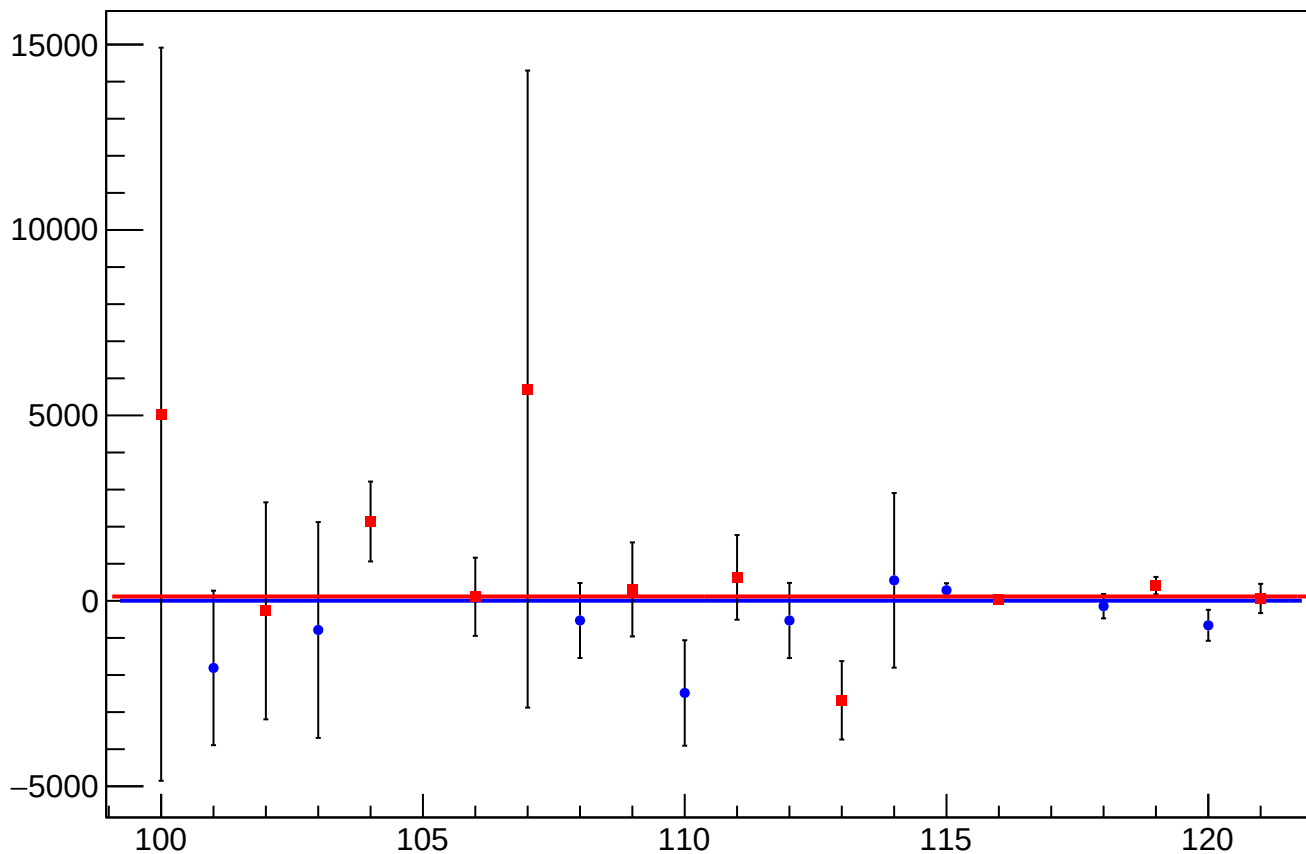
Right: 2417.780+/-0.612 χ^2/NDF : 608762.4/19

In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2417.780+/-0.612 χ^2/NDF : 608762.4/19

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.114+/-103.891 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

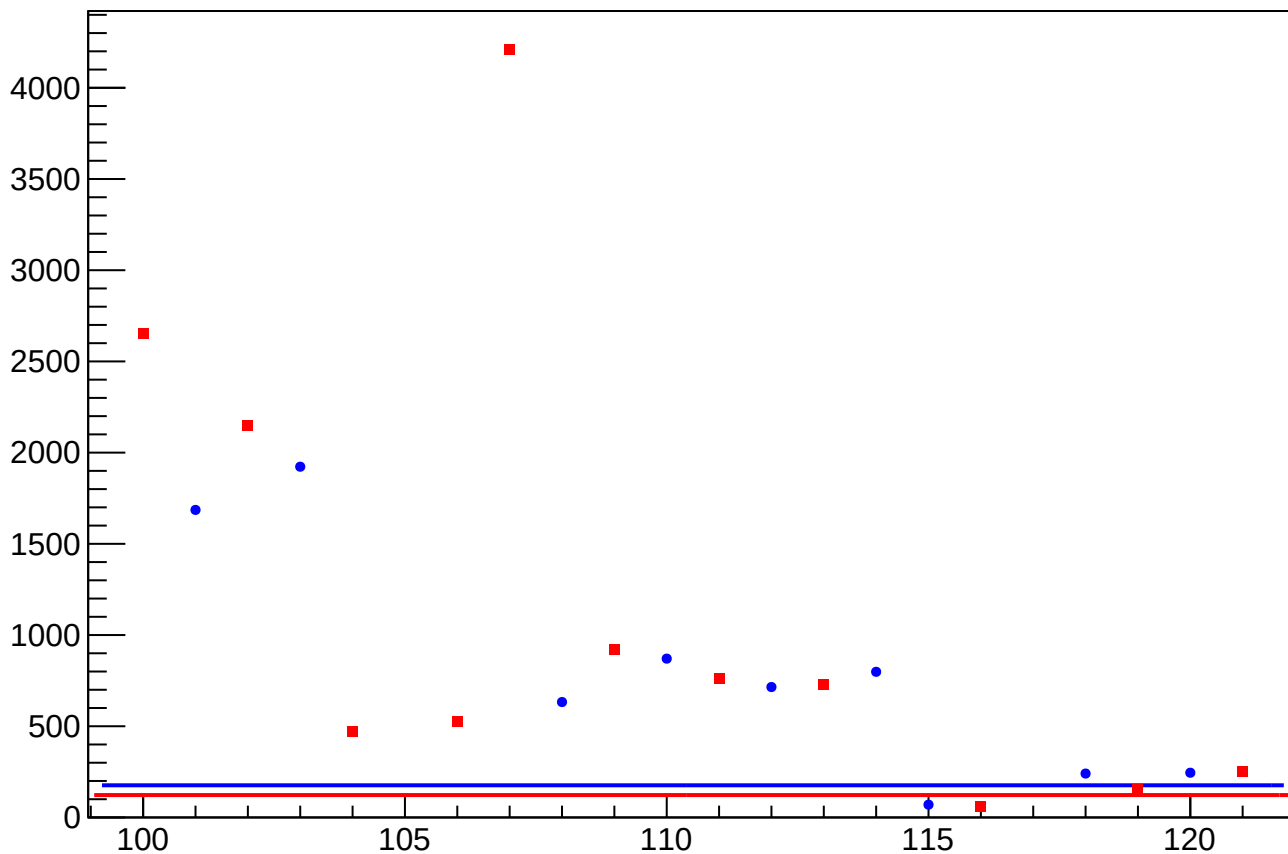
Right: 80.510+/-84.945 χ^2/NDF : 23.2/19

In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.510+/-84.945 χ^2/NDF : 23.2/19

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.833+/-0.073 χ^2/NDF : 4854850.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

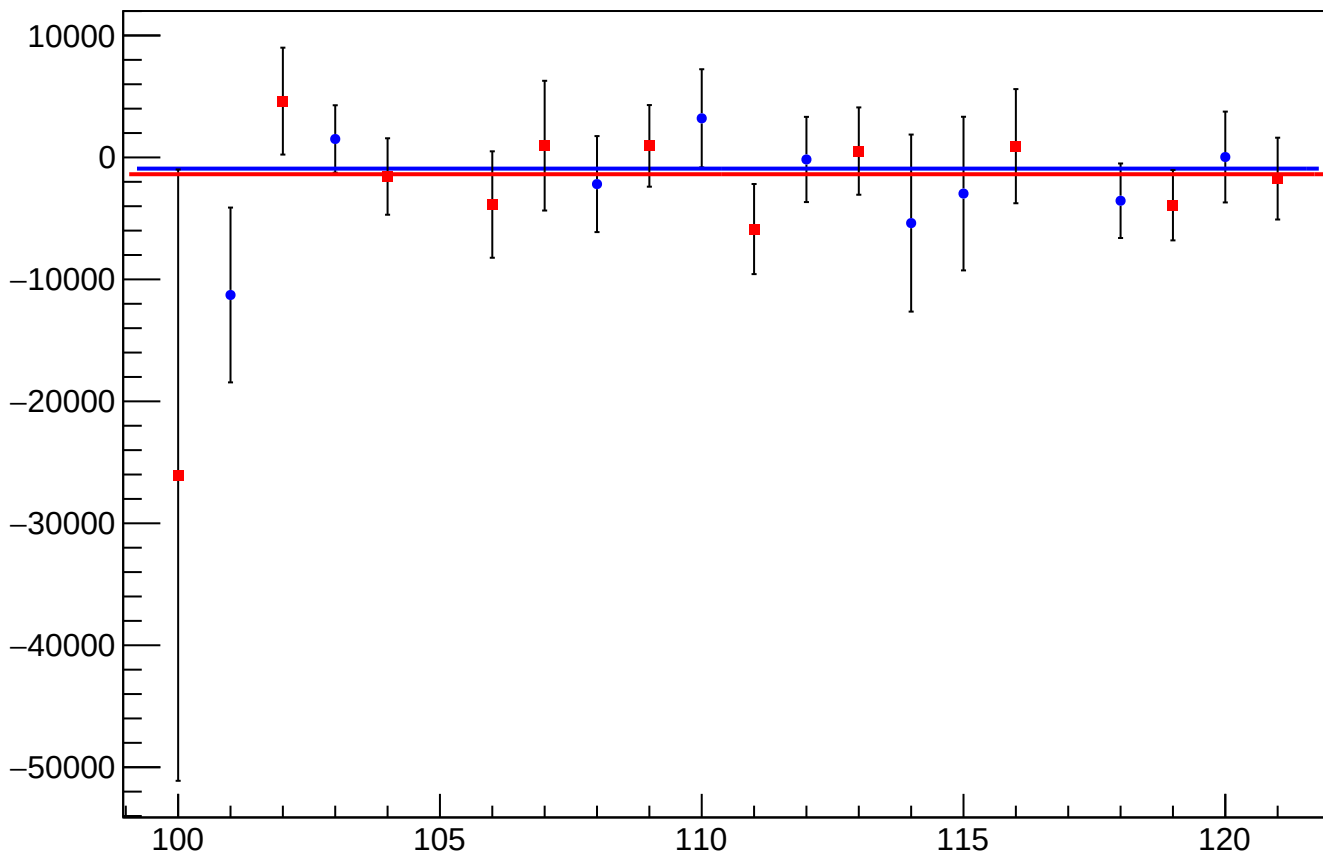
Right: 140.565+/-0.060 χ^2/NDF : 9153059.6/19

In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.565+/-0.060 χ^2/NDF : 9153059.6/19

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -917.076+/-1311.086 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.099+/-1163.608 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

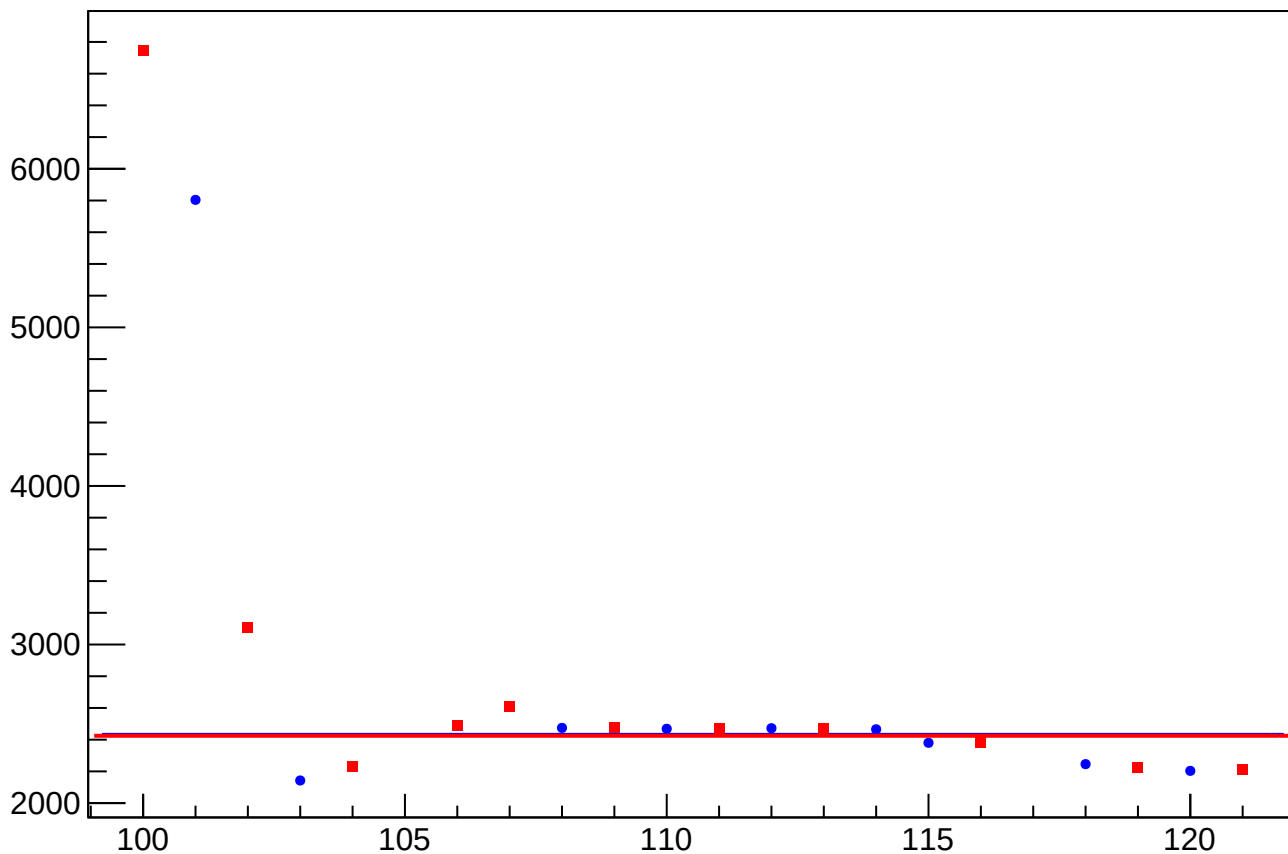
Right: -1174.405+/-870.285 χ^2/NDF : 12.1/19

In: -917.076+/-1311.086 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.405+/-870.285 χ^2/NDF : 12.1/19

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2424.644+/-0.823 χ^2/NDF : 137511.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

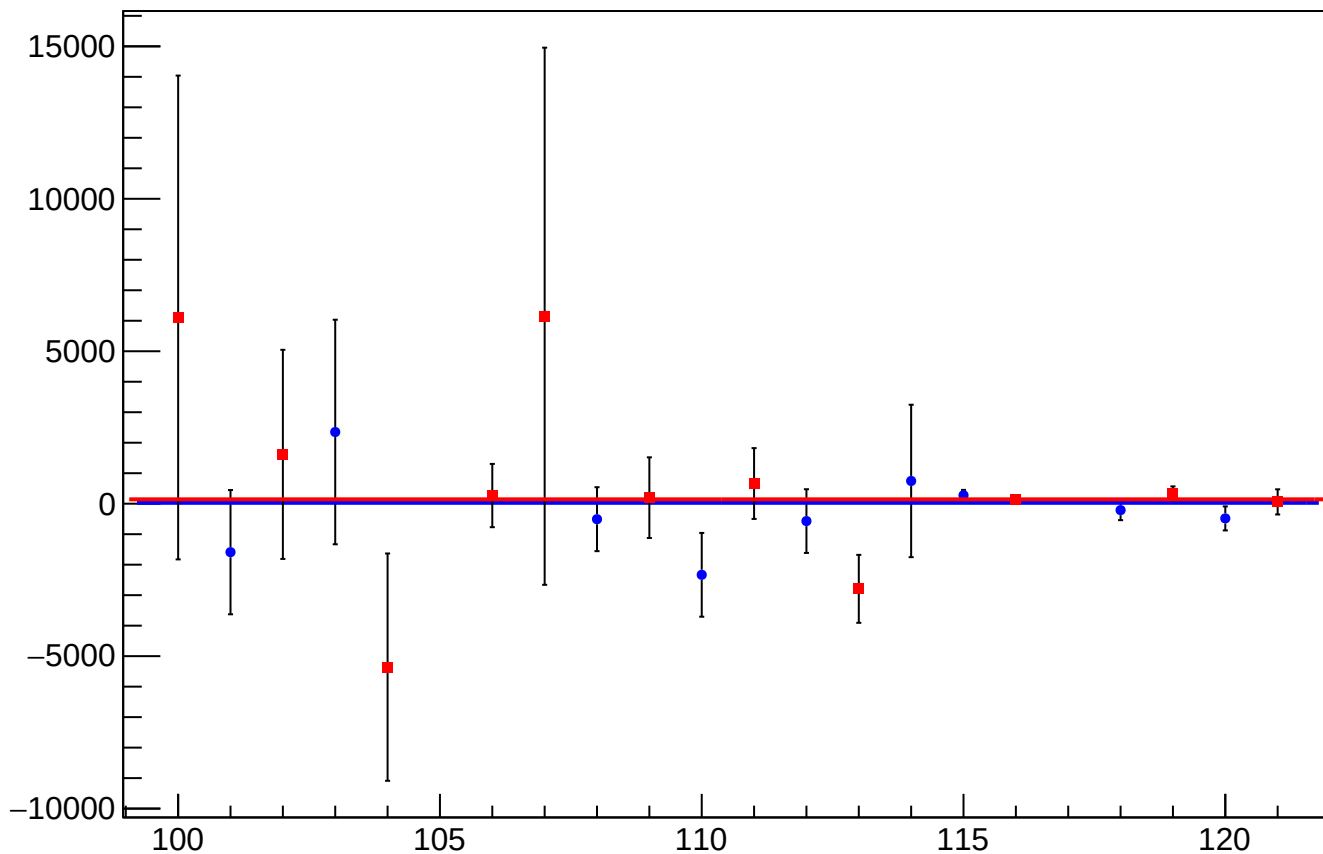
Right: 2427.155+/-0.615 χ^2/NDF : 617946.2/19

In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.155+/-0.615 χ^2/NDF : 617946.2/19

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 29.578+/-140.653 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.018+/-108.006 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

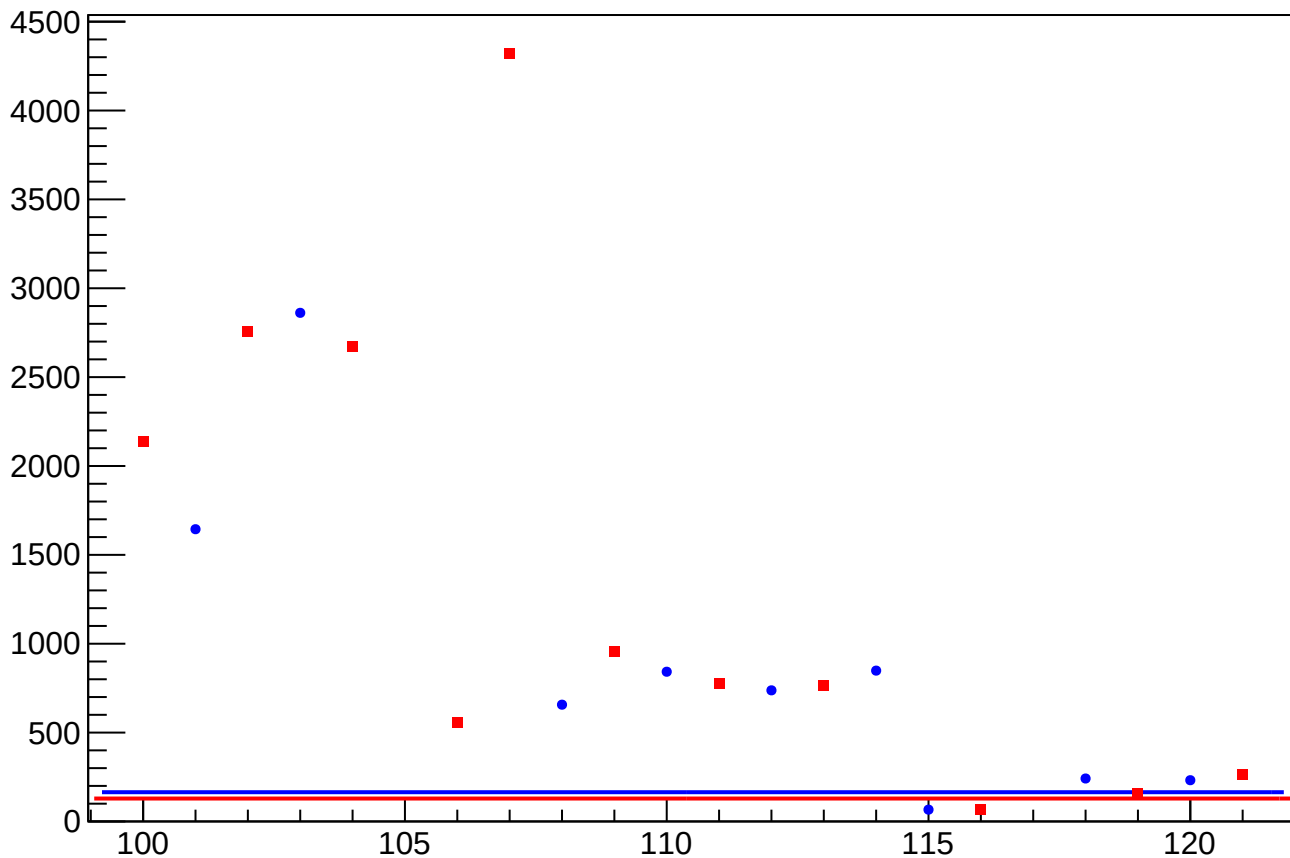
Right: 100.939+/-85.664 χ^2/NDF : 20.5/19

In: 29.578+/-140.653 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.939+/-85.664 χ^2/NDF : 20.5/19

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 164.558+/-0.099 χ^2/NDF : 4592740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.968+/-0.076 χ^2/NDF : 5785830.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

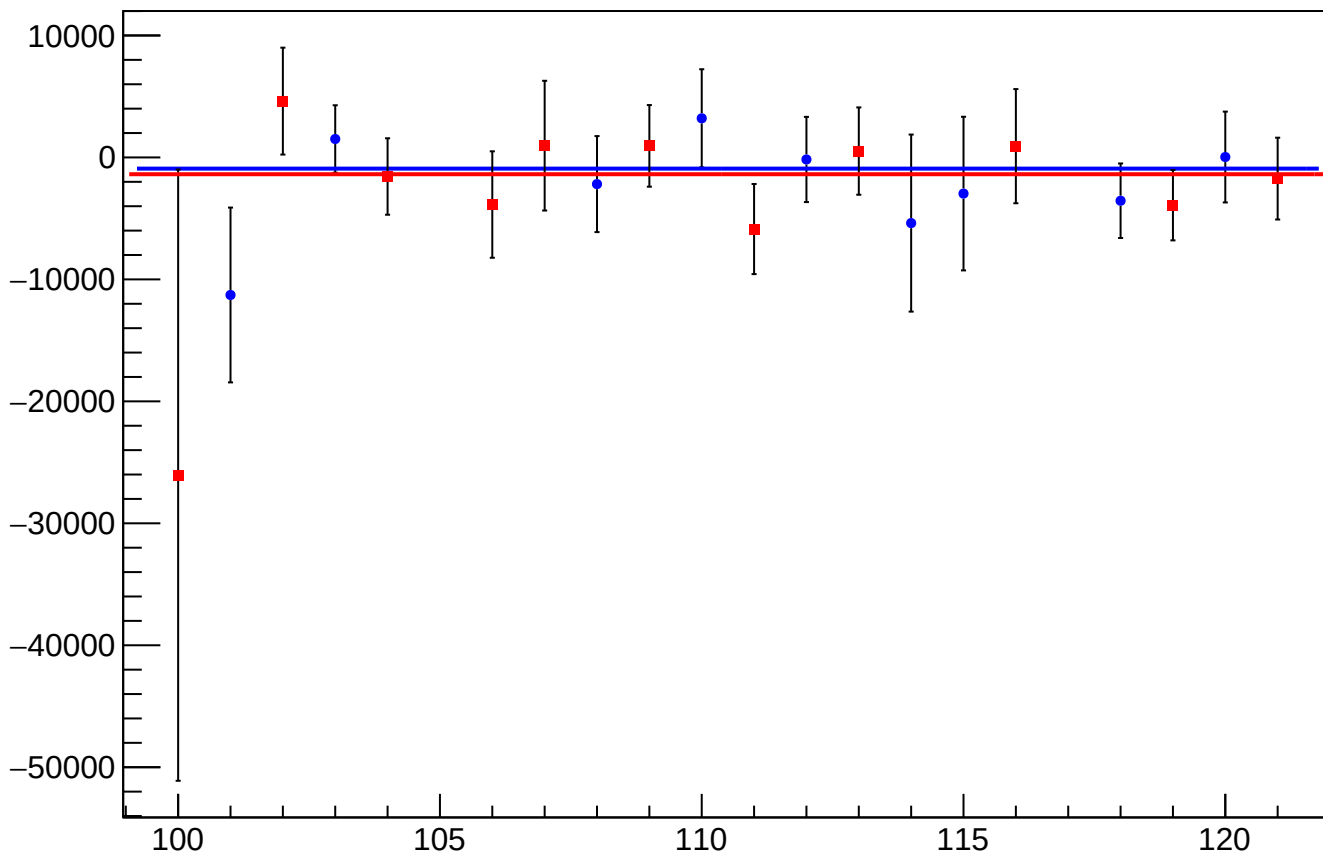
Right: 142.169+/-0.061 χ^2/NDF : 10459124.6/19

In: 164.558+/-0.099 χ^2/NDF : 4592740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.169+/-0.061 χ^2/NDF : 10459124.6/19

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -917.077+/-1311.086 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.103+/-1163.608 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

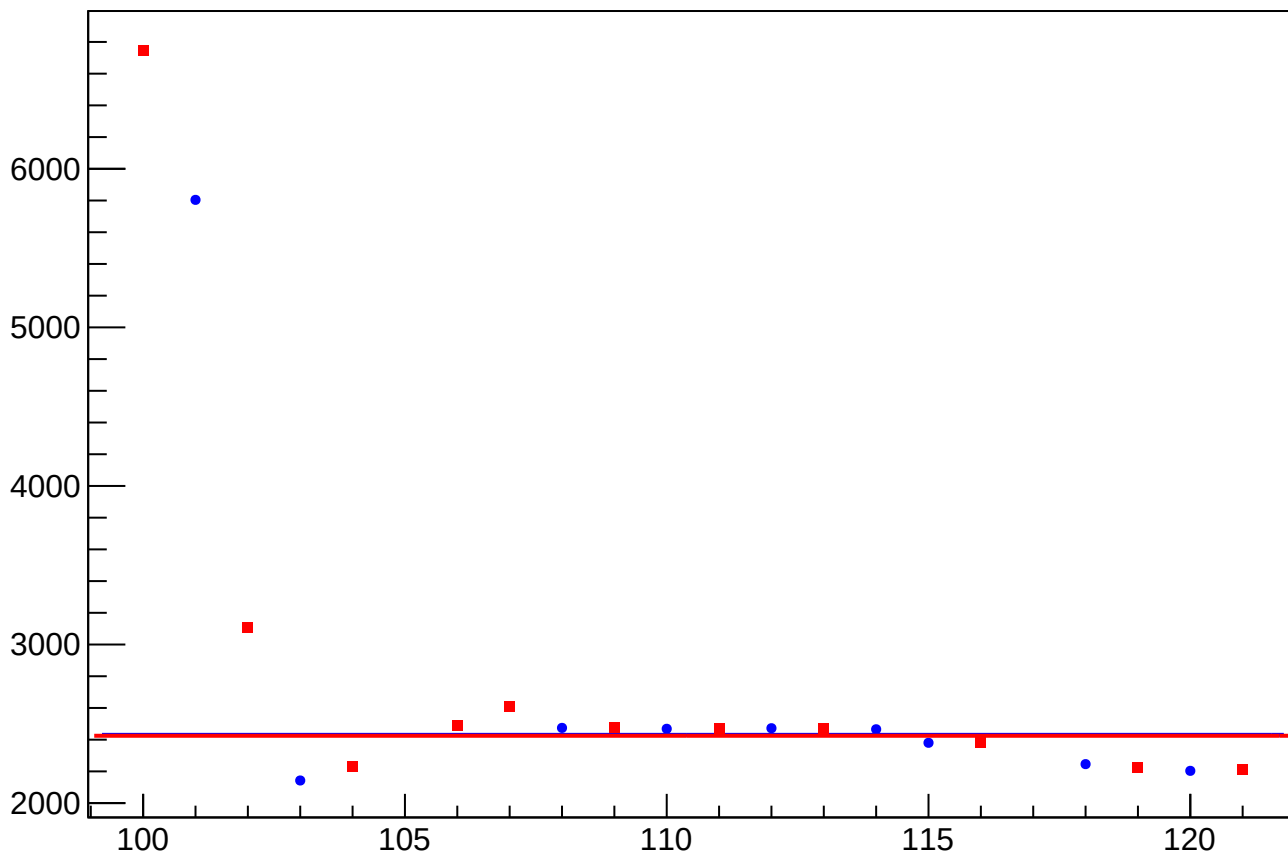
Right: -1174.408+/-870.285 χ^2/NDF : 12.1/19

In: -917.077+/-1311.086 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.408+/-870.285 χ^2/NDF : 12.1/19

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2424.644+/-0.823 χ^2/NDF : 137510.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

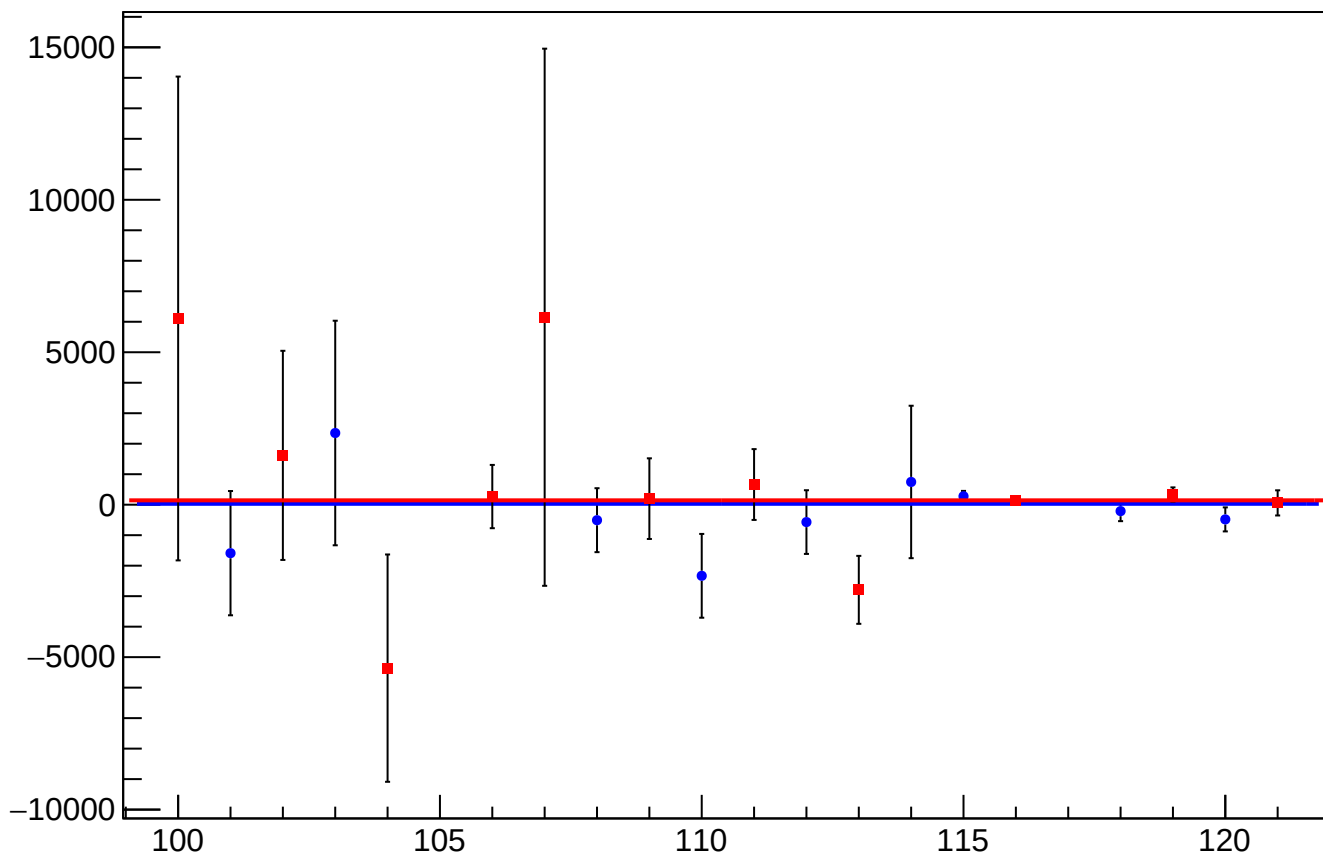
Right: 2427.155+/-0.615 χ^2/NDF : 617946.1/19

In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.155+/-0.615 χ^2/NDF : 617946.1/19

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 29.578+/-140.650 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.017+/-108.005 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

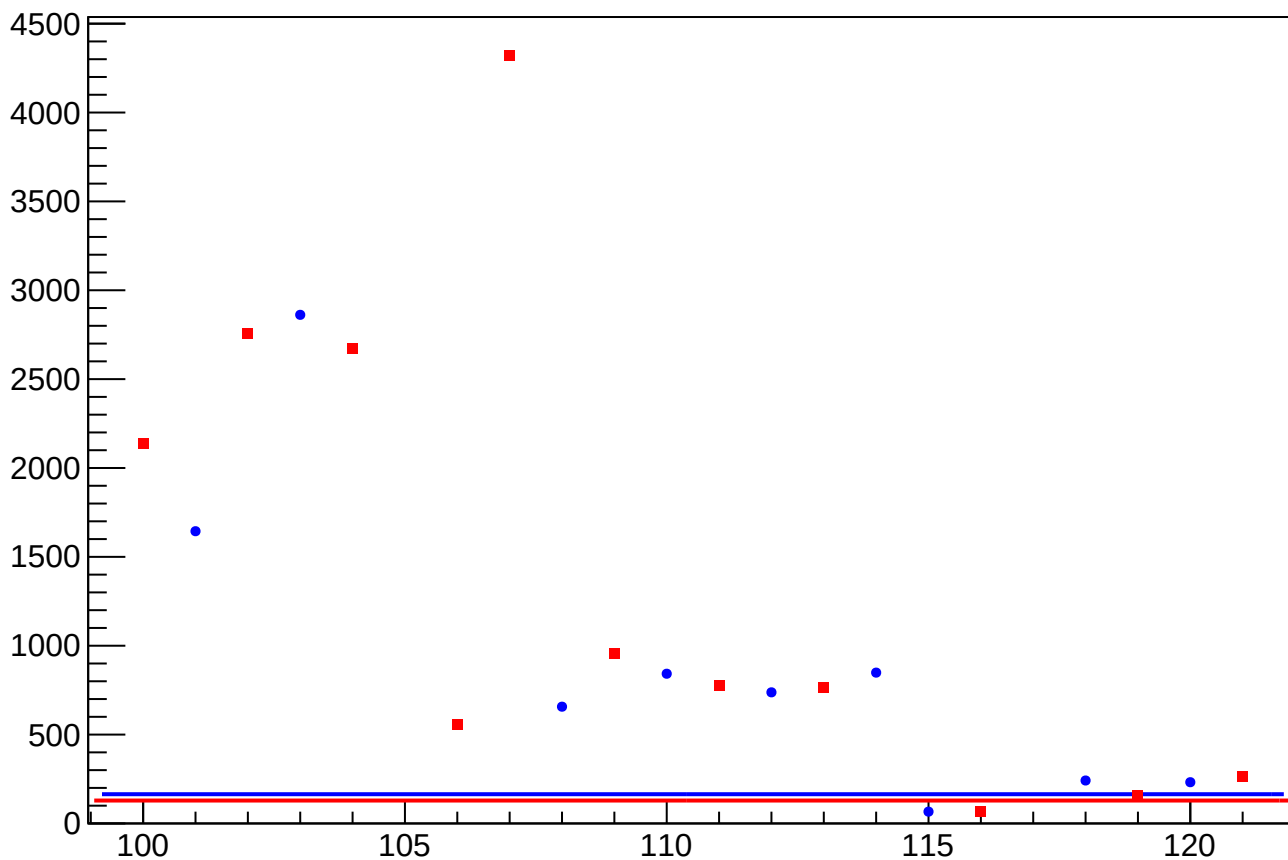
Right: 100.939+/-85.662 χ^2/NDF : 20.5/19

In: 29.578+/-140.650 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.939+/-85.662 χ^2/NDF : 20.5/19

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 164.554+/-0.099 χ^2/NDF : 4592781.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.965+/-0.076 χ^2/NDF : 5785869.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

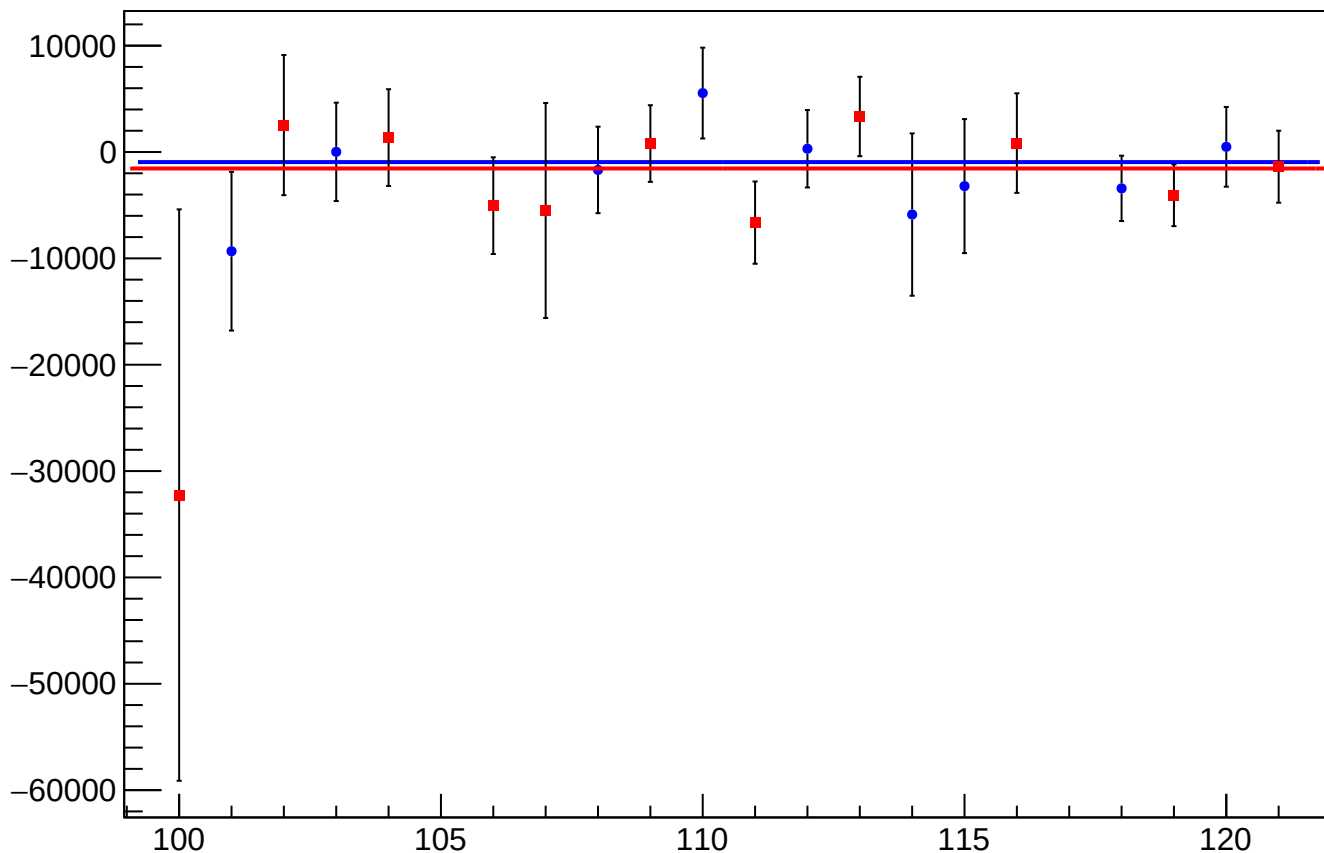
Right: 142.166+/-0.061 χ^2/NDF : 10459201.2/19

In: 164.554+/-0.099 χ^2/NDF : 4592781.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.166+/-0.061 χ^2/NDF : 10459201.2/19

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -947.564+/-1451.015 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1549.825+/-1292.959 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

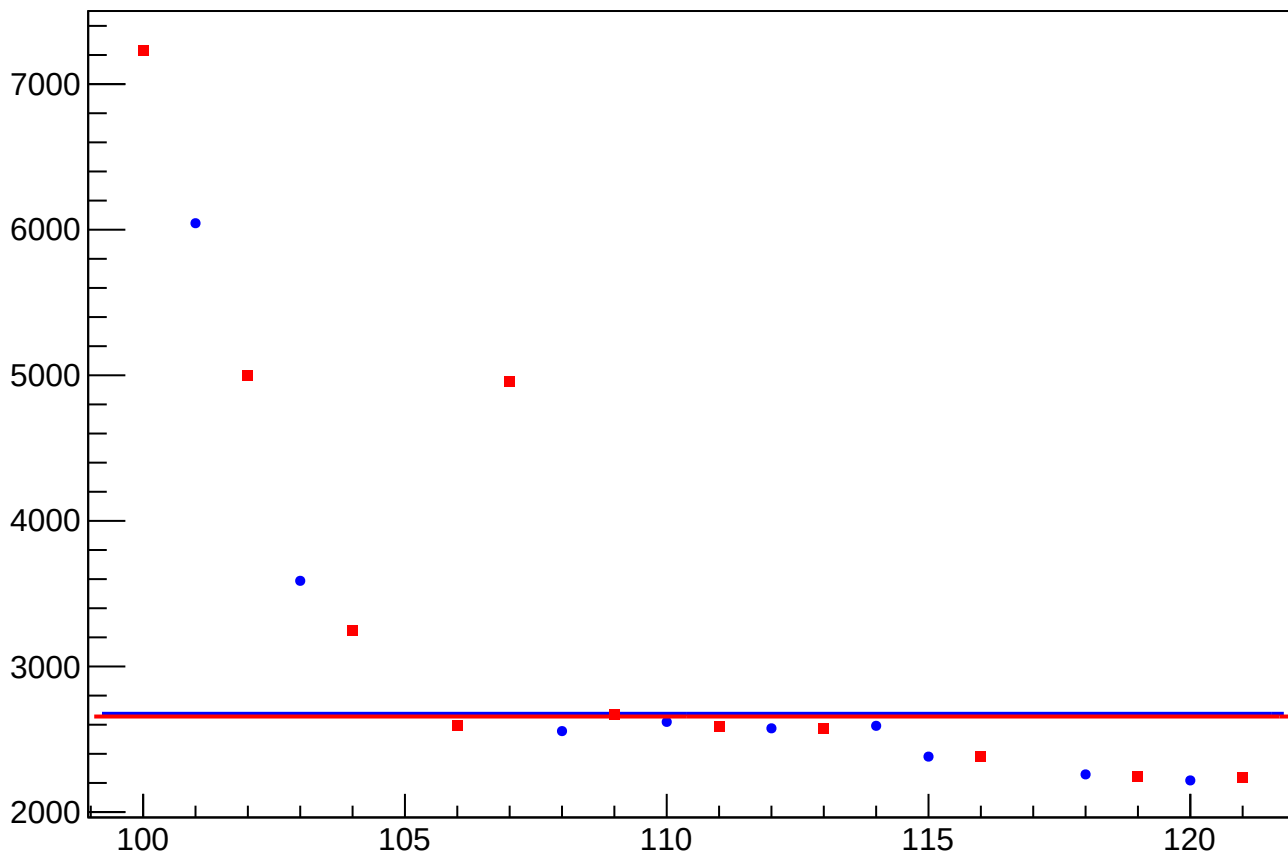
Right: -1283.271+/-965.322 χ^2/NDF : 12.9/19

In: -947.564+/-1451.015 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1283.271+/-965.322 χ^2/NDF : 12.9/19

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2674.869+/-1.026 χ^2/NDF : 560345.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2656.222+/-0.914 χ^2/NDF : 529116.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

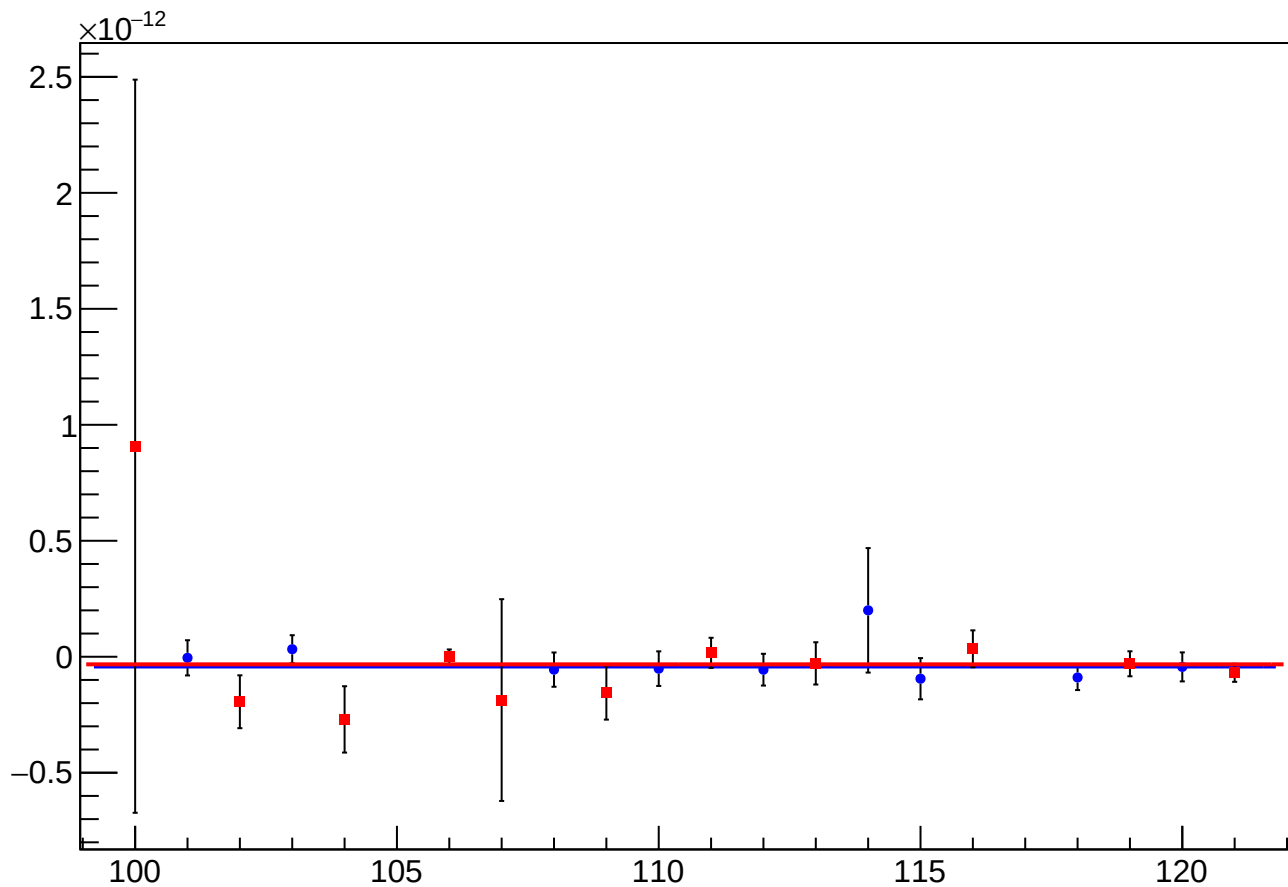
Right: 2664.475+/-0.683 χ^2/NDF : 1089645.7/19

In: 2674.869+/-1.026 χ^2/NDF : 560345.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.475+/-0.683 χ^2/NDF : 1089645.7/19

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

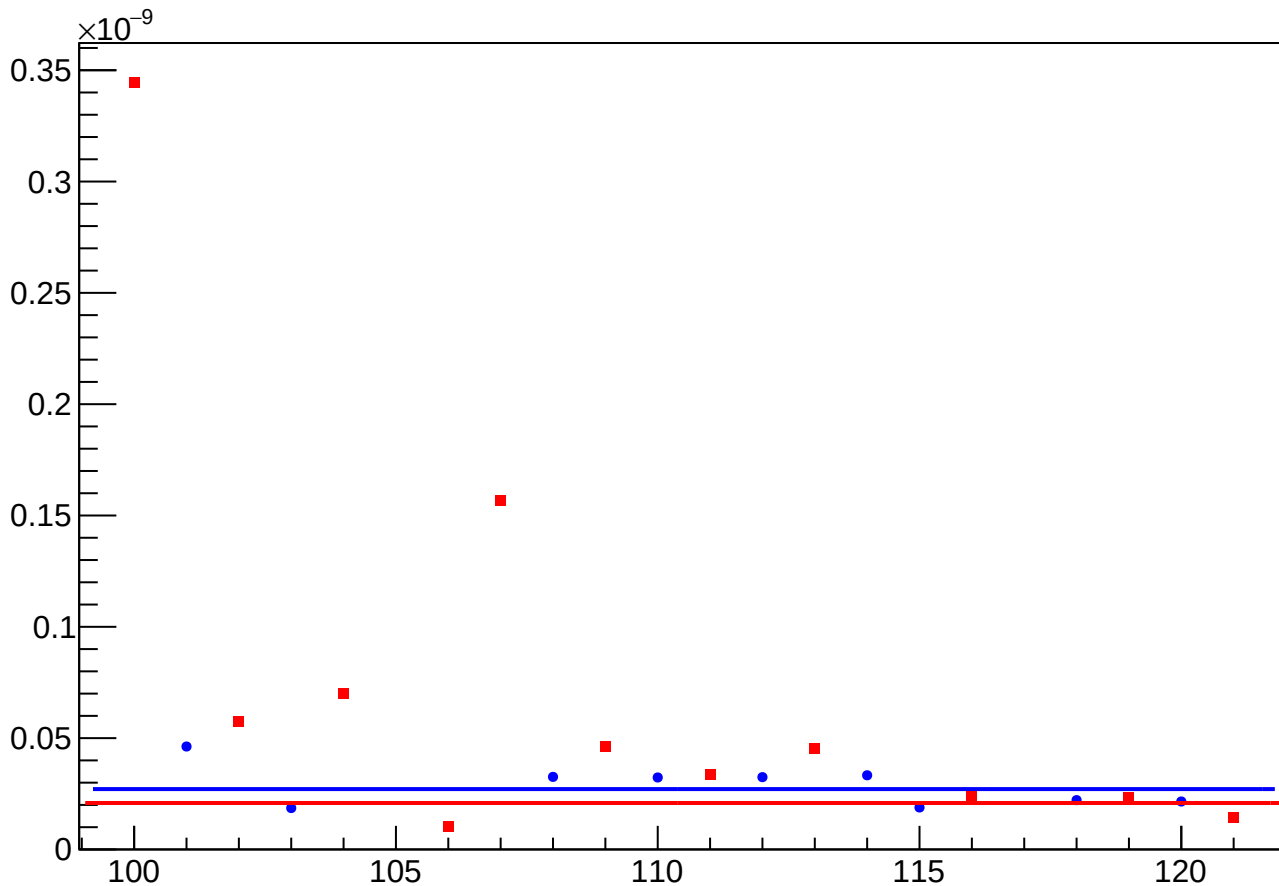
Right: -0.000+/-0.000 χ^2/NDF : 13.5/19

In: -0.000+/-0.000 χ^2/NDF :3.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/19

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 250620.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1326854.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

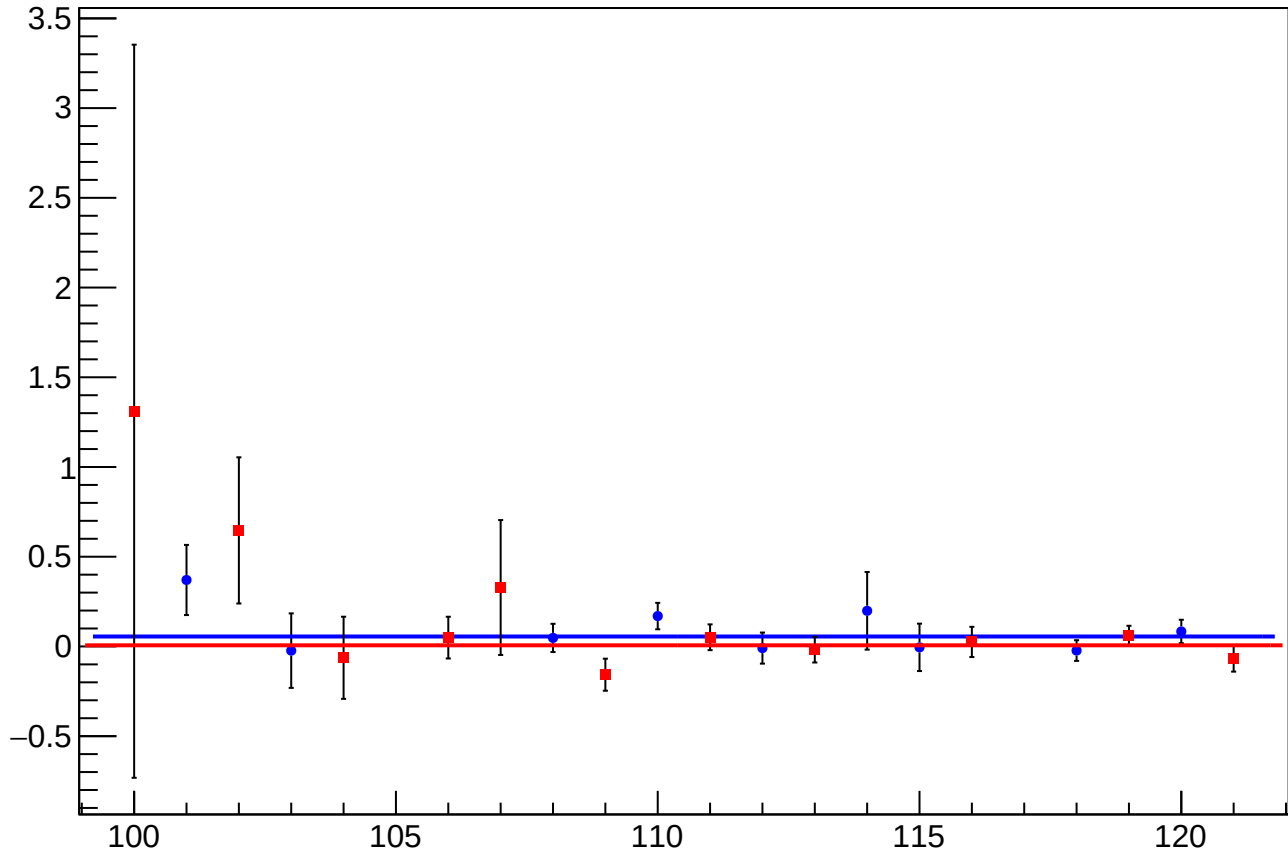
Right: 0.000+/-0.000 χ^2/NDF : 1661546.1/19

In: 0.000+/-0.000 χ^2/NDF : 250620.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1661546.1/19

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

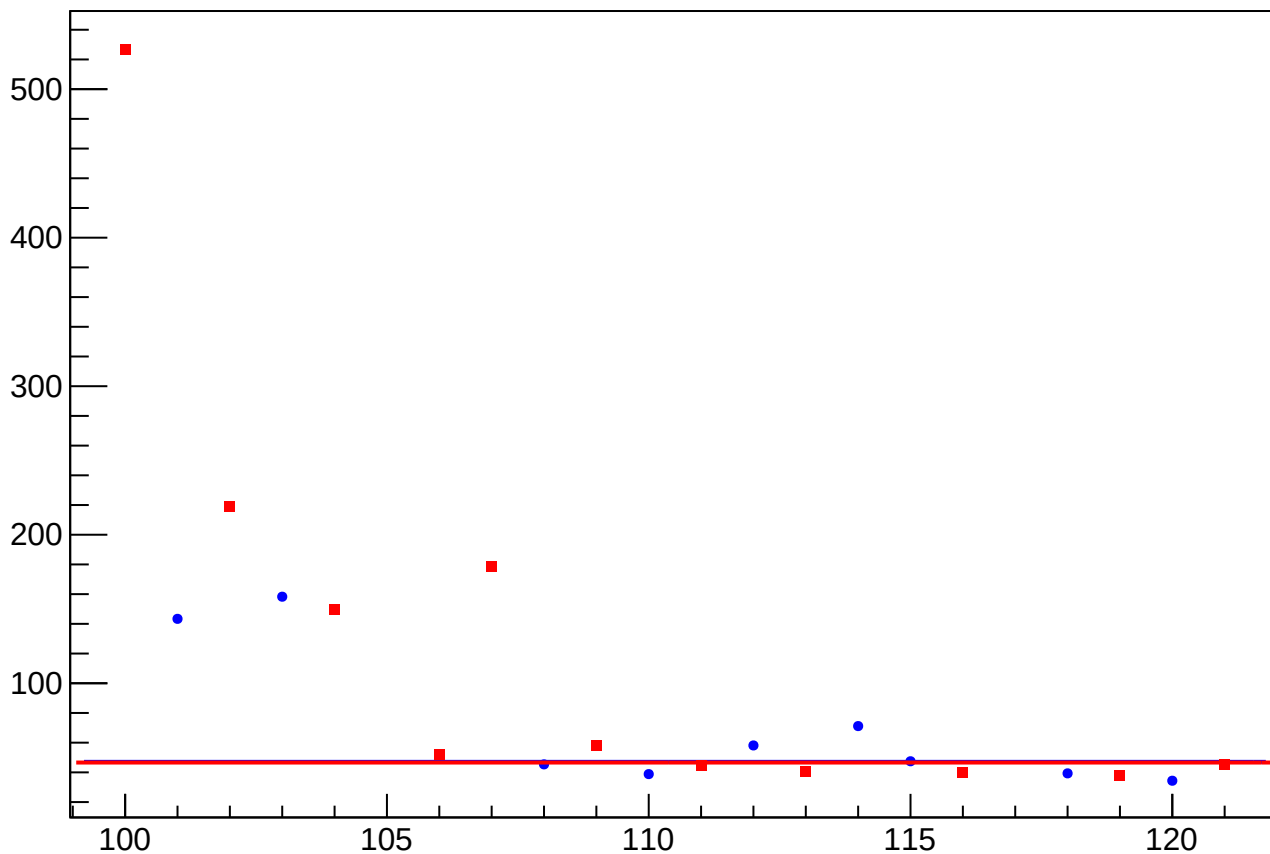
Right: 0.029+/-0.020 χ^2/NDF : 19.6/19

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.020 χ^2/NDF : 19.6/19

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 46.620+/-0.020 χ^2/NDF : 1241301.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

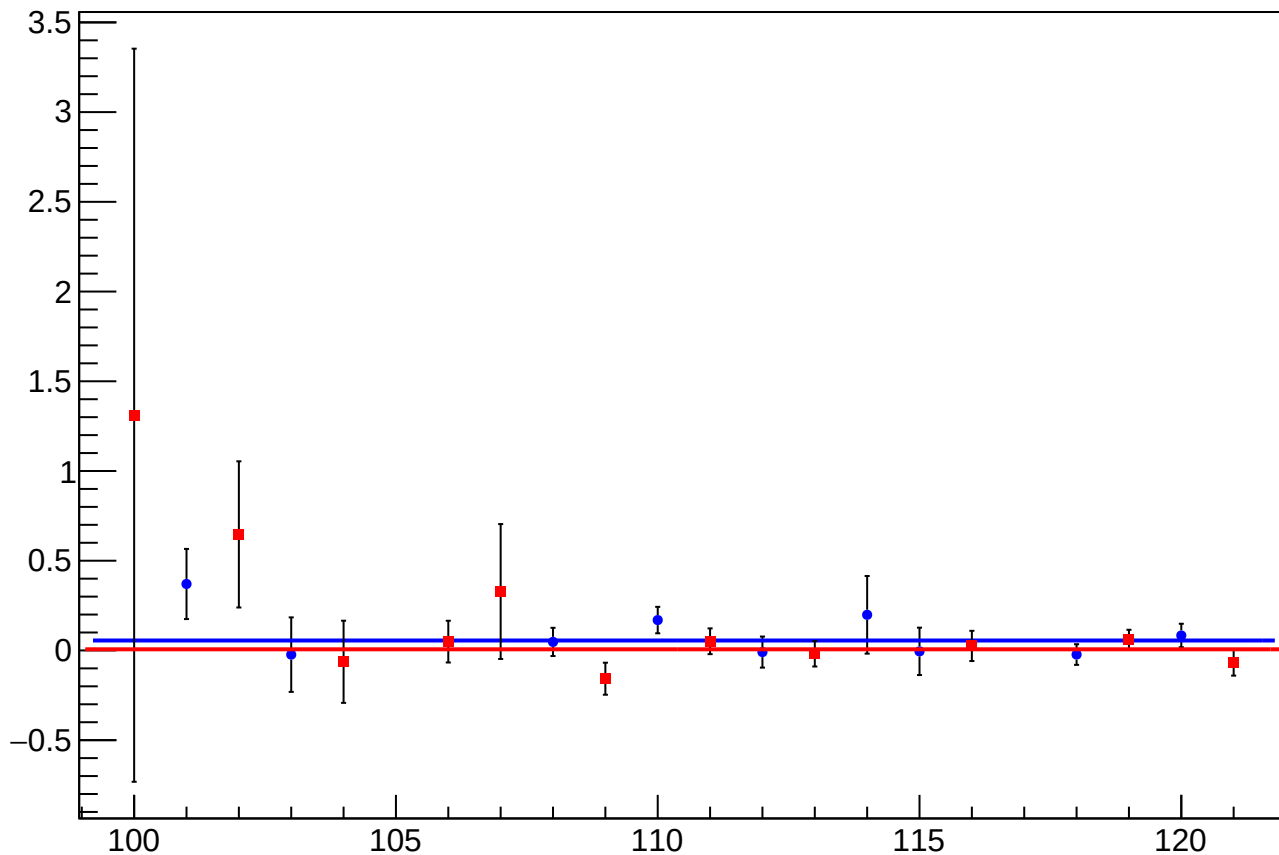
Right: 46.835+/-0.014 χ^2/NDF : 2495911.8/19

In: 47.079+/-0.021 χ^2/NDF :1254354.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.835+/-0.014 χ^2/NDF : 2495911.8/19

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

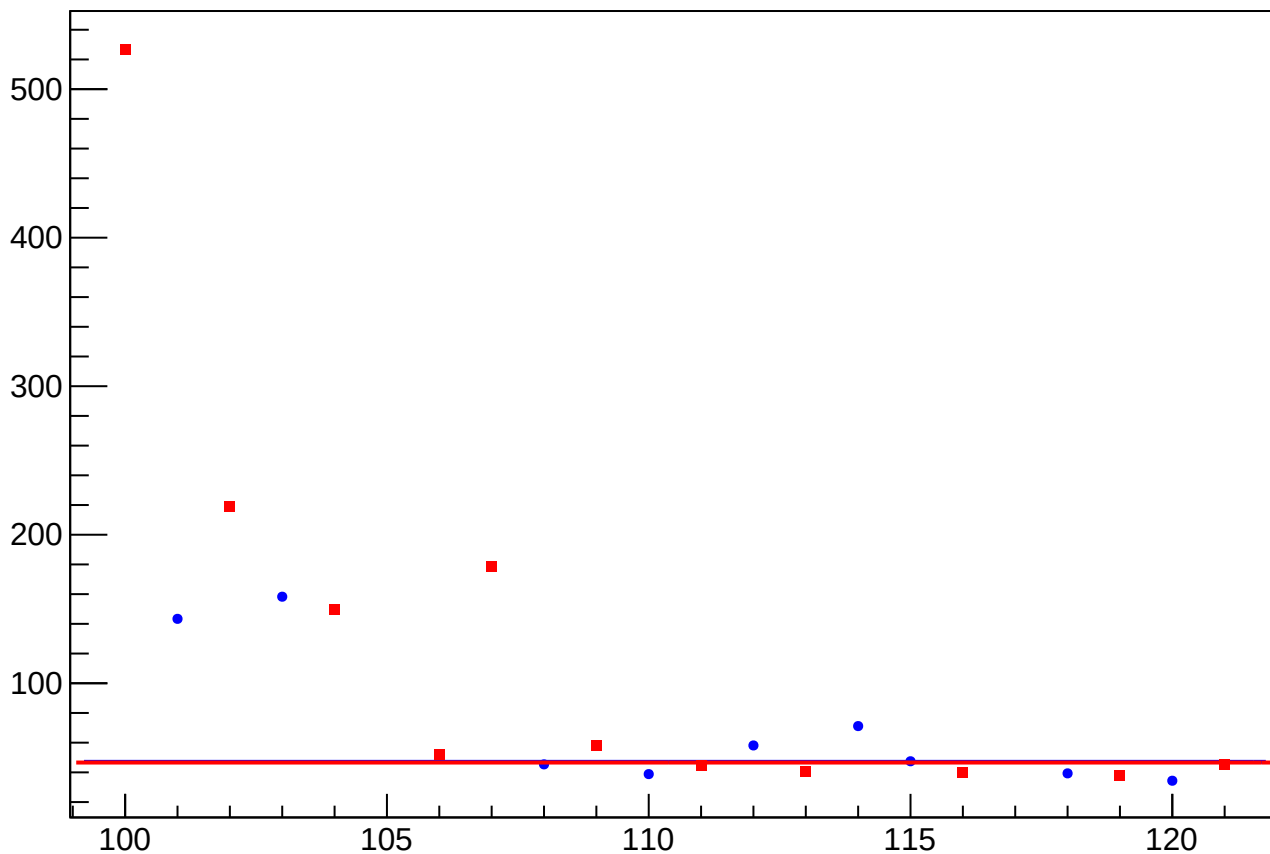
Right: 0.029+/-0.020 χ^2/NDF : 19.6/19

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.020 χ^2/NDF : 19.6/19

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.620+/-0.020 χ^2/NDF : 1241301.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

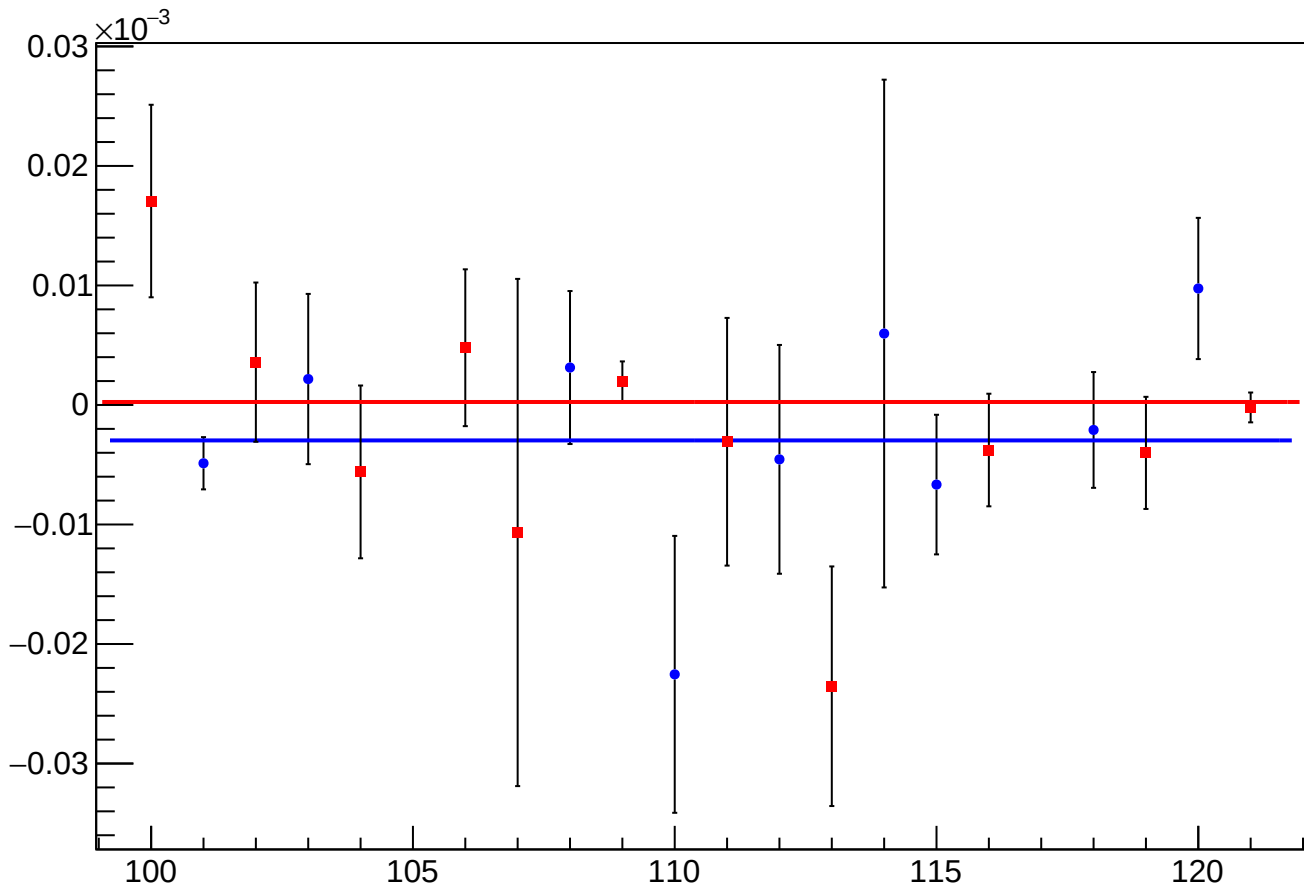
Right: 46.835+/-0.014 χ^2/NDF : 2495911.8/19

In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.835+/-0.014 χ^2/NDF : 2495911.8/19

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 : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

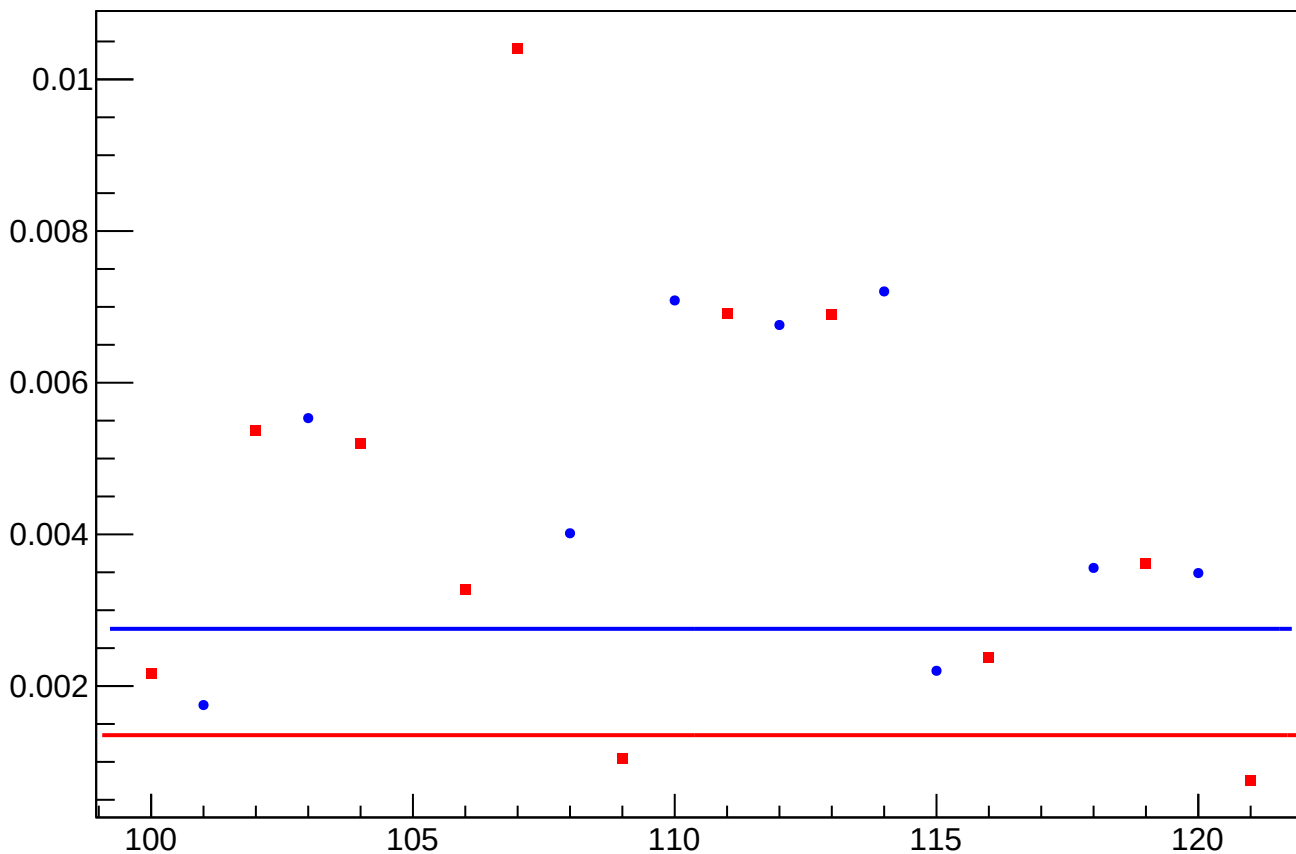
Right: -0.000+/-0.000 χ^2/NDF : 27.8/19

In: -0.000+/-0.000 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/19

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1626674.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4132454.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

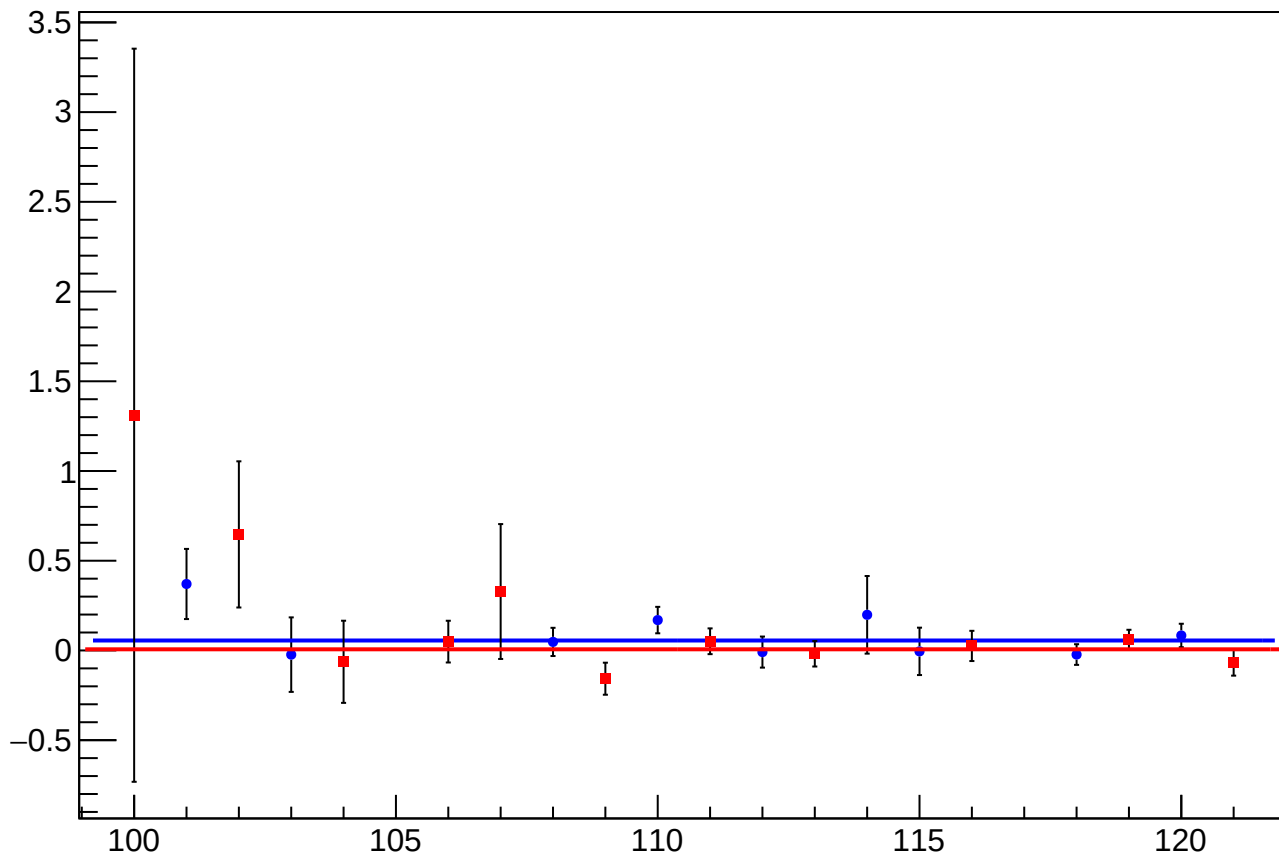
Right: 0.002+/-0.000 χ^2/NDF : 6881647.4/19

In: 0.003+/-0.000 χ^2/NDF : 1626674.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6881647.4/19

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

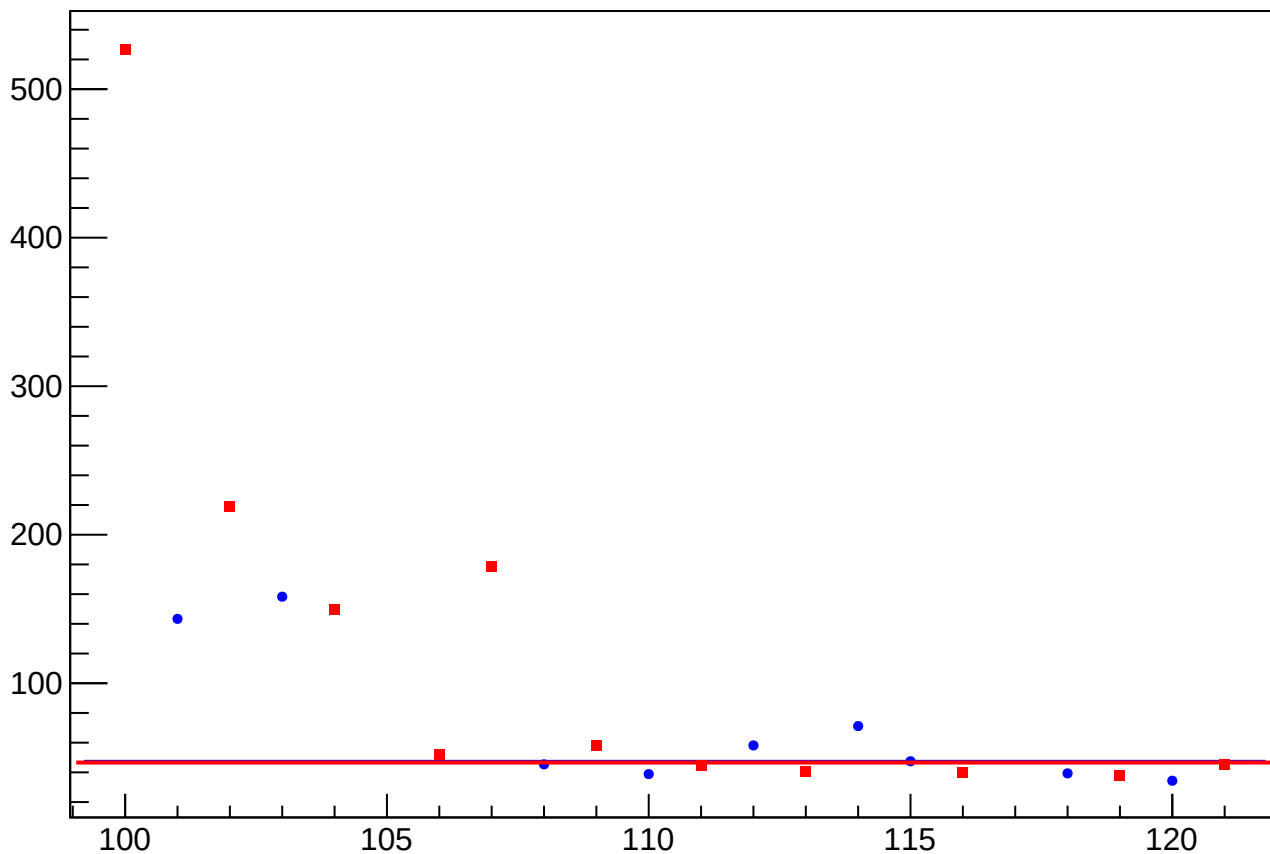
Right: 0.029+/-0.020 χ^2/NDF : 19.6/19

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.020 χ^2/NDF : 19.6/19

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.622+/-0.020 χ^2/NDF : 1241241.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

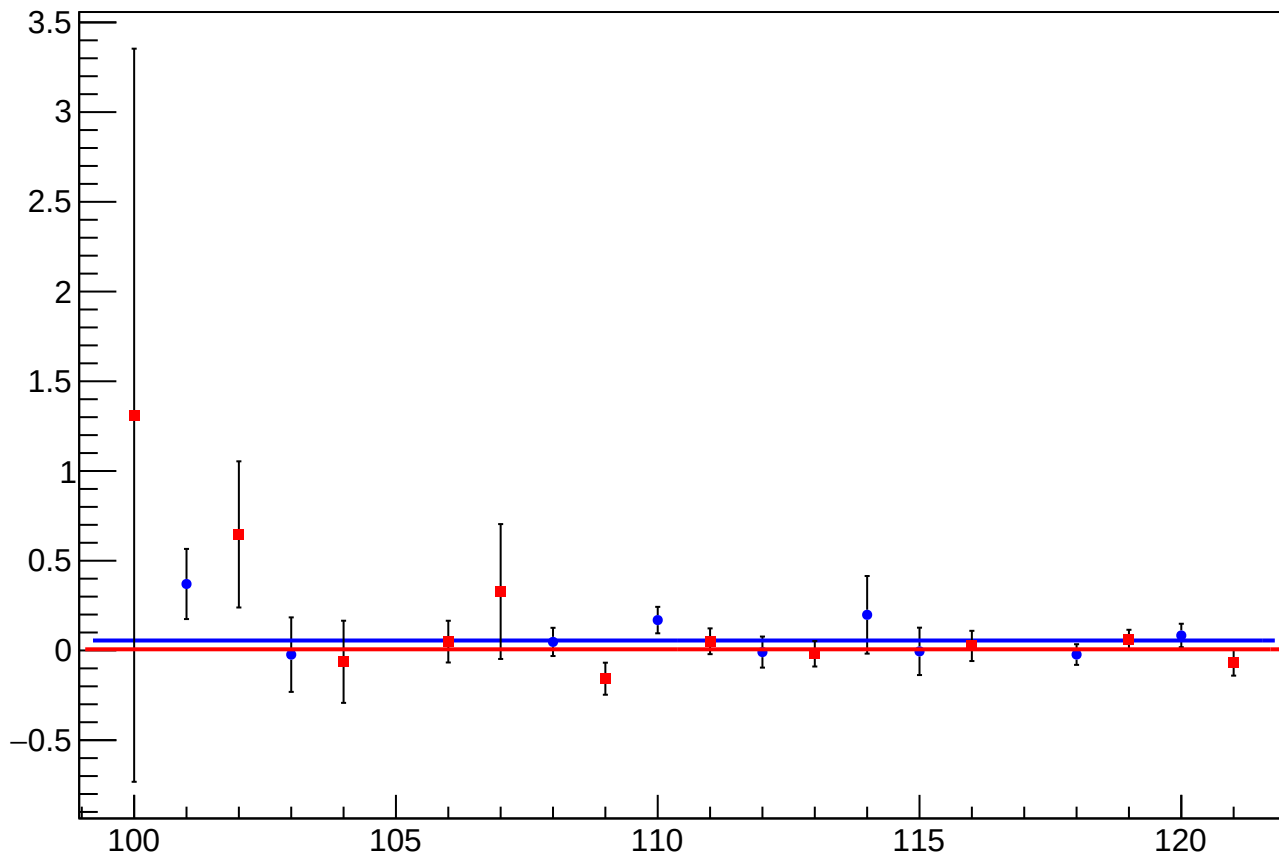
Right: 46.836+/-0.014 χ^2/NDF : 2495915.5/19

In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.836+/-0.014 χ^2/NDF : 2495915.5/19

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

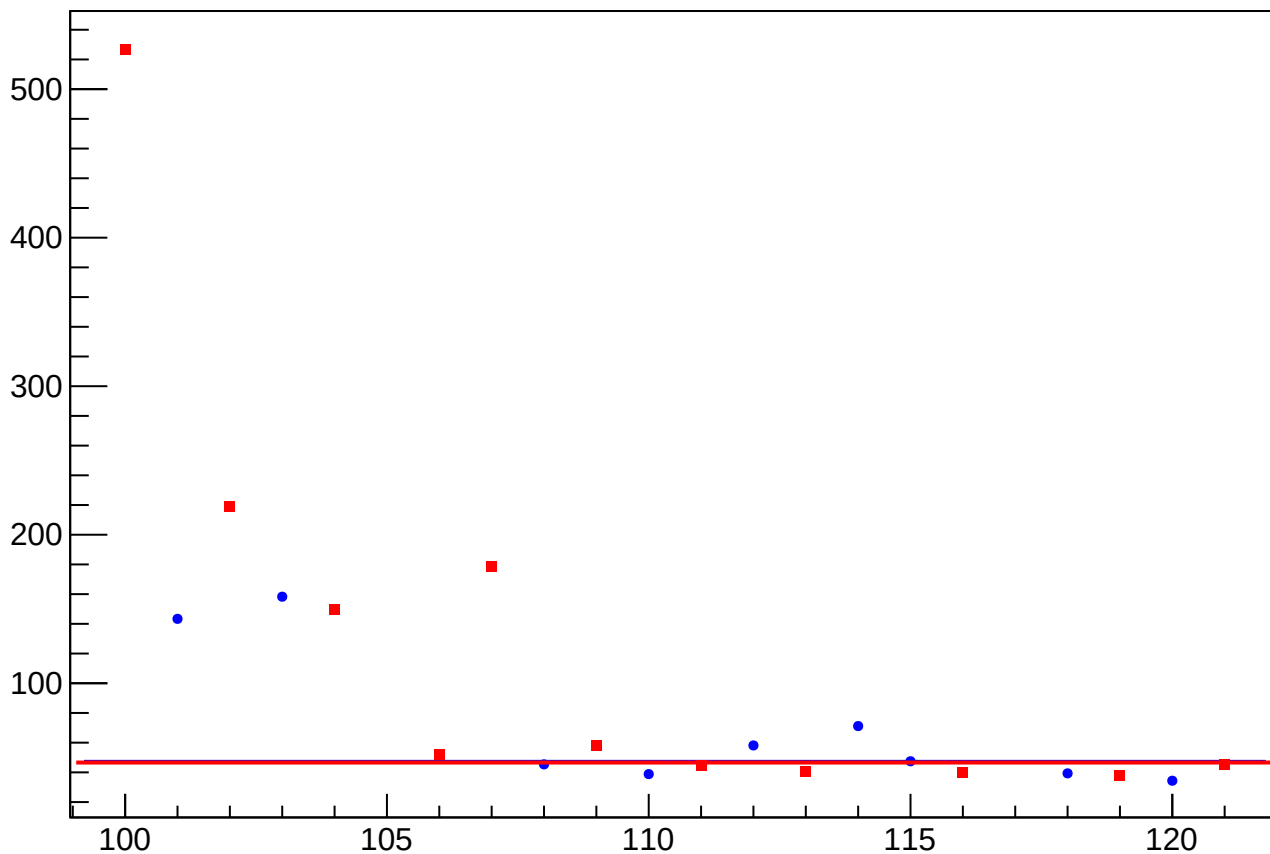
Right: 0.029+/-0.020 χ^2/NDF : 19.6/19

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.020 χ^2/NDF : 19.6/19

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.622+/-0.020 χ^2/NDF : 1241241.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

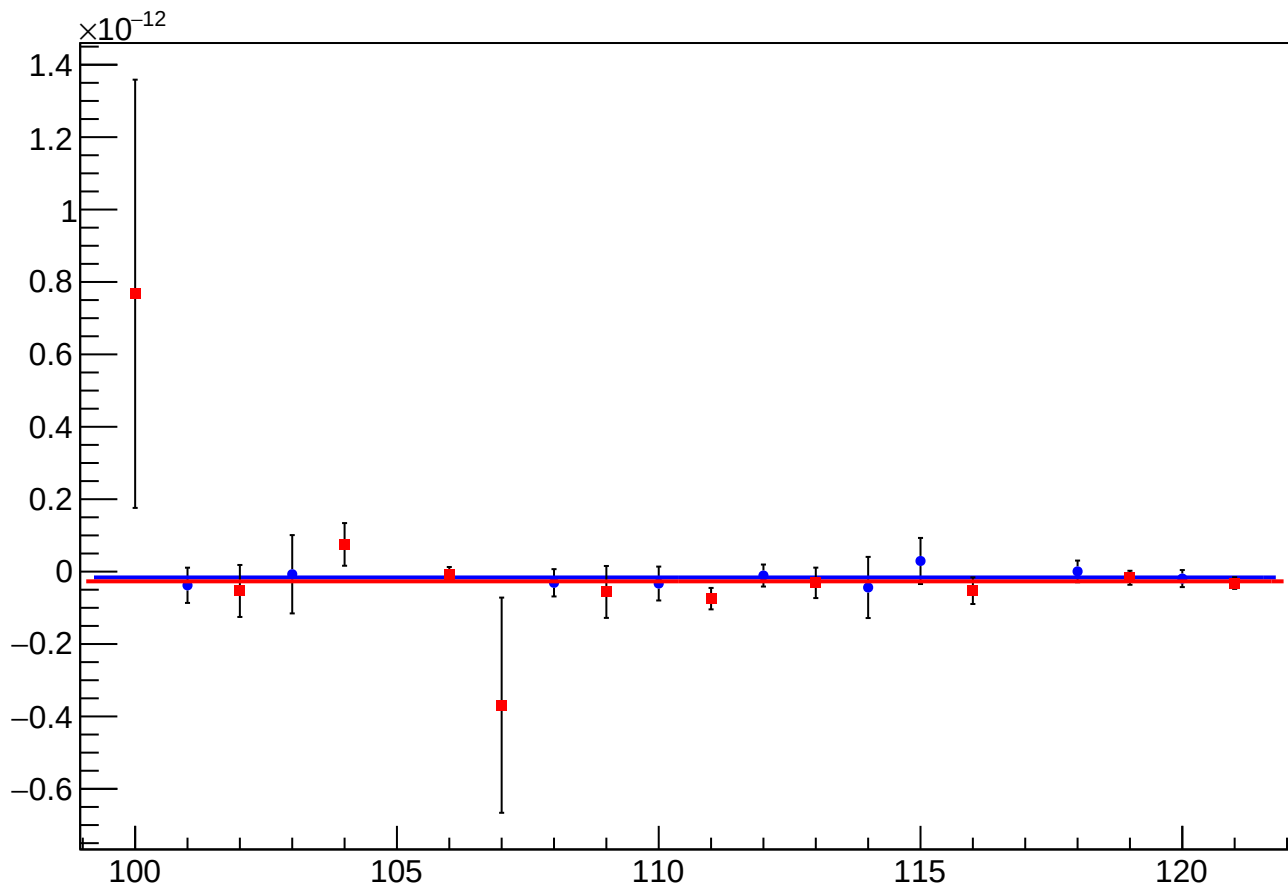
Right: 46.836+/-0.014 χ^2/NDF : 2495915.5/19

In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.836+/-0.014 χ^2/NDF : 2495915.5/19

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: 1.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

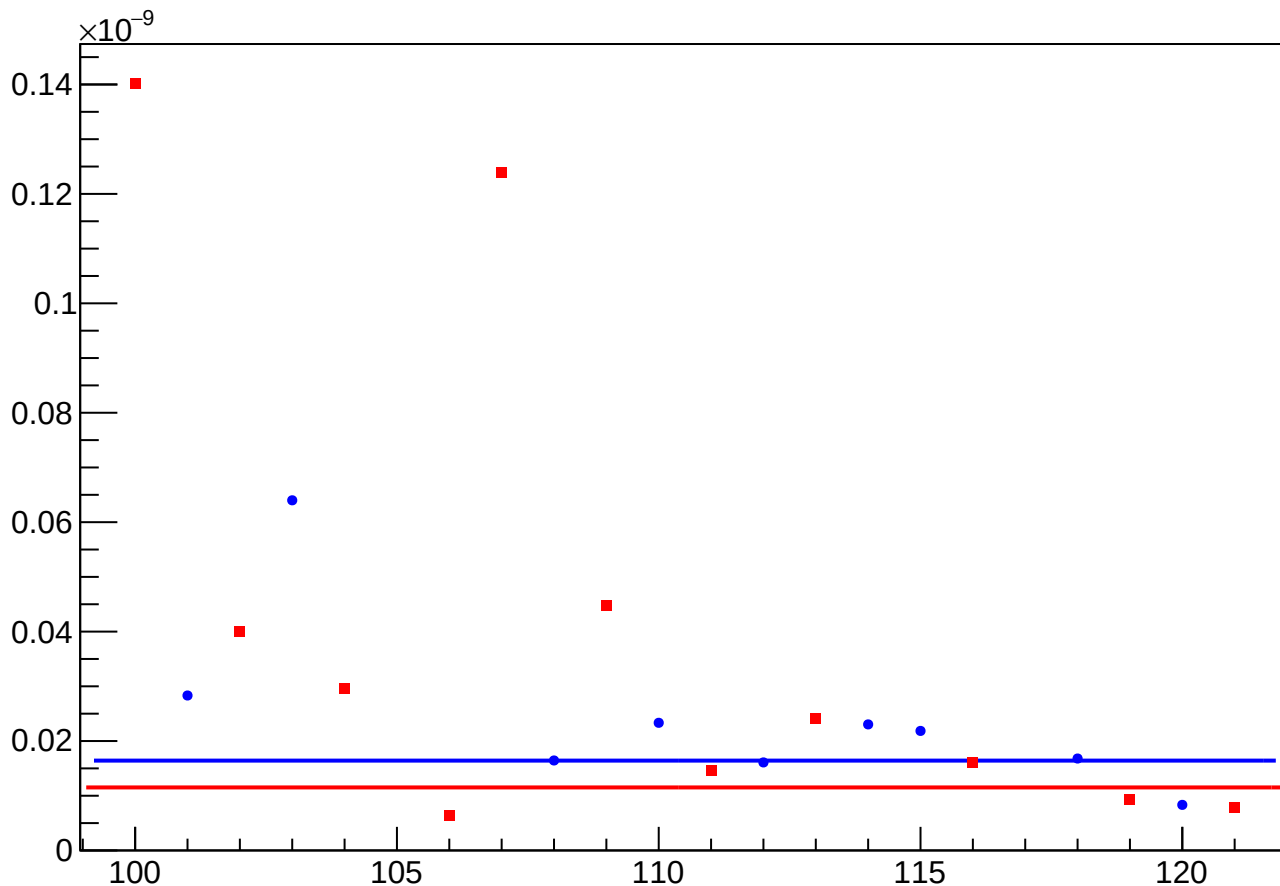
Right: -0.000+/-0.000 χ^2 /NDF: 12.8/19

In: -0.000+/-0.000 χ^2 /NDF:1.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.8/19

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 : 813775.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1810776.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

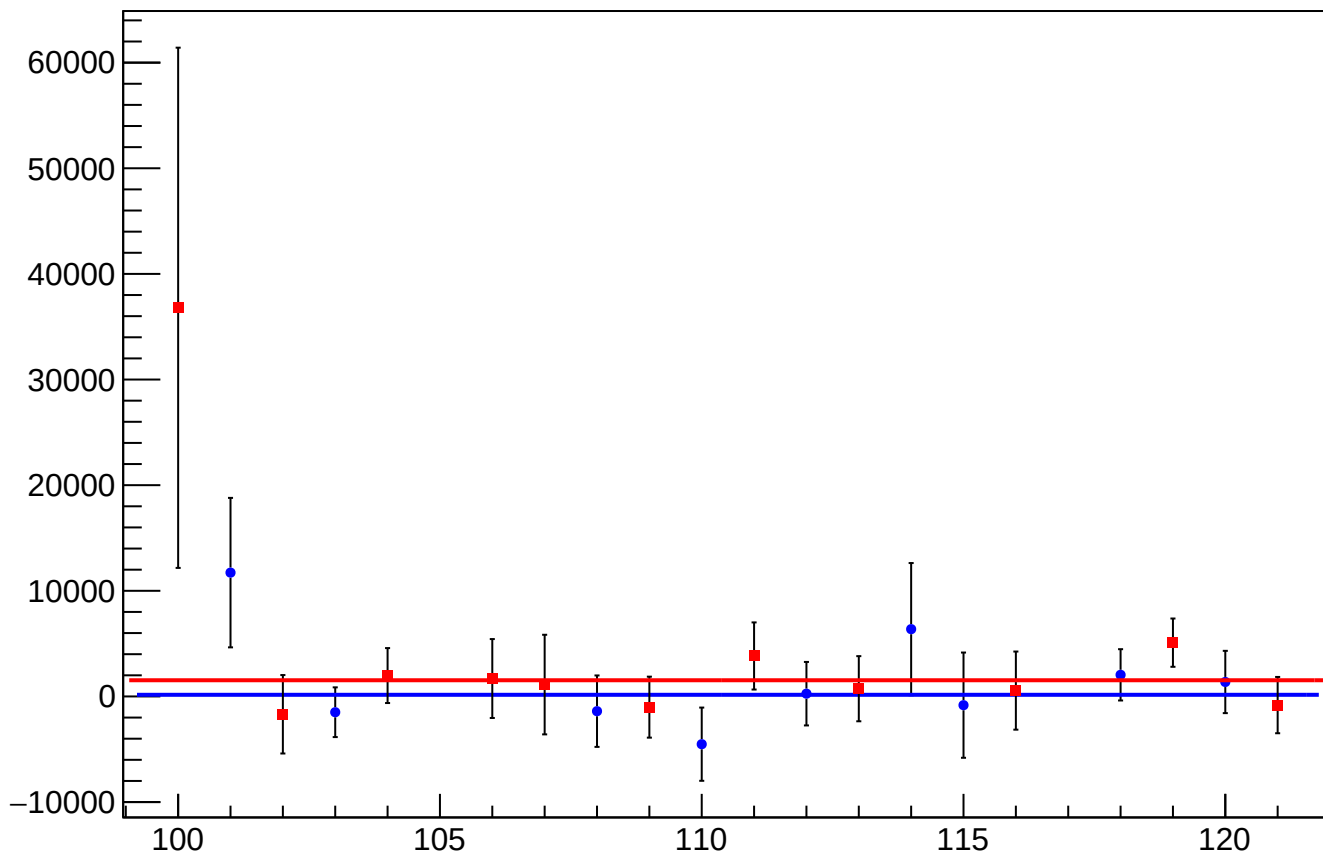
Right: 0.000+/-0.000 χ^2/NDF : 2819276.3/19

In: 0.000+/-0.000 χ^2/NDF : 813775.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2819276.3/19

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 155.256+/-1096.066 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.648+/-967.453 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

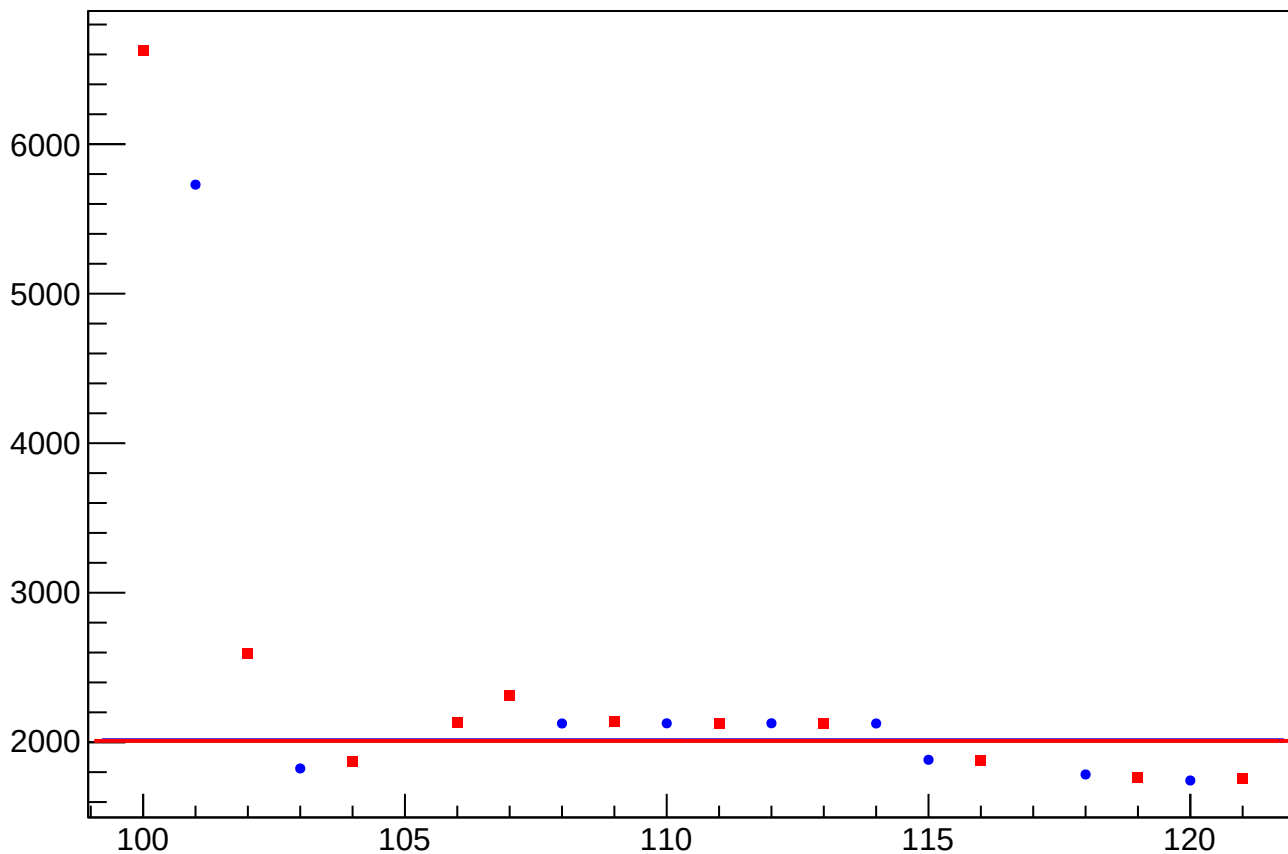
Right: 929.469+/-725.323 χ^2/NDF : 15.4/19

In: 155.256+/-1096.066 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.469+/-725.323 χ^2/NDF : 15.4/19

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2013.097+/-0.775 χ^2/NDF : 608180.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.878+/-0.684 χ^2/NDF : 188308.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

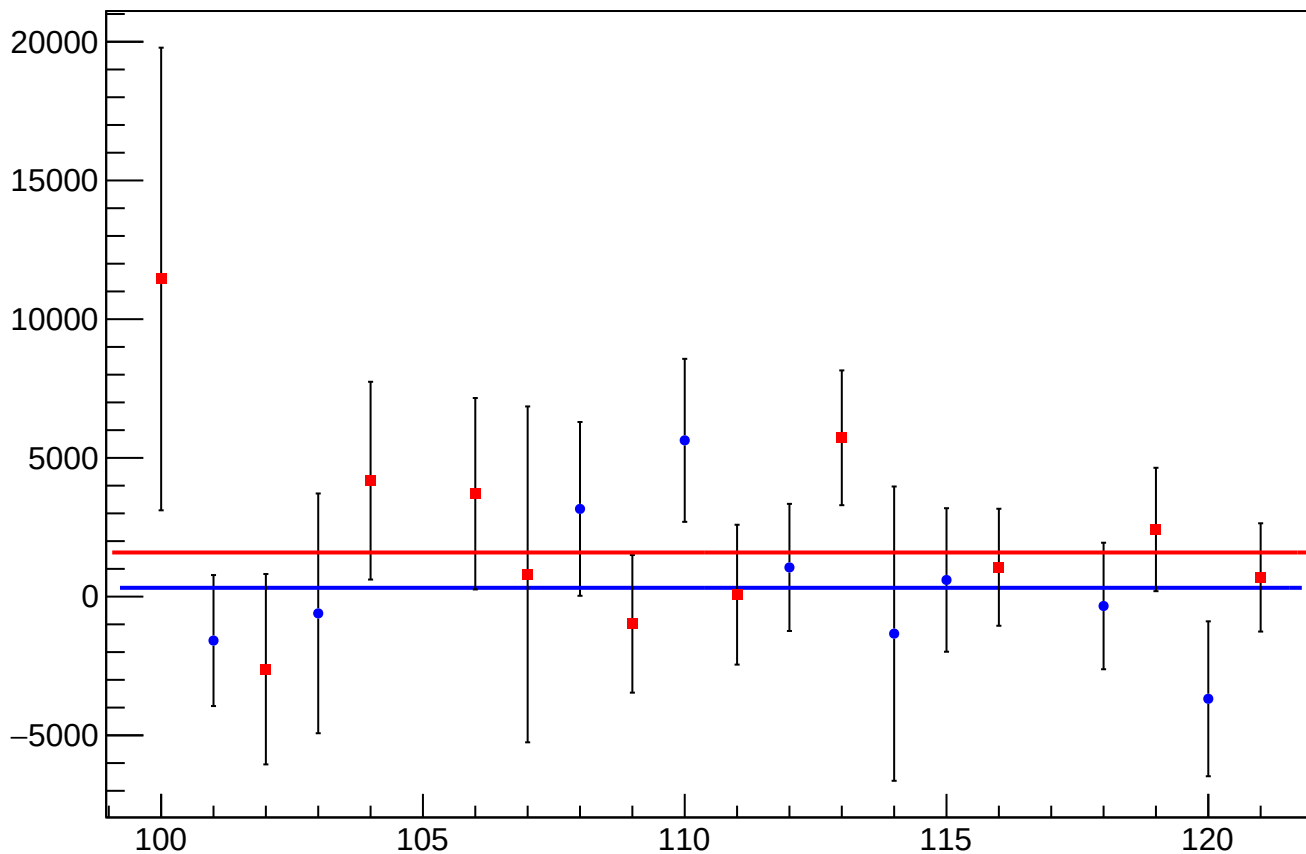
Right: 2010.726+/-0.513 χ^2/NDF : 796505.4/19

In: 2013.097+/-0.775 χ^2/NDF : 608180.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2010.726+/-0.513 χ^2/NDF : 796505.4/19

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 317.244+/-933.764 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.291+/-825.184 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

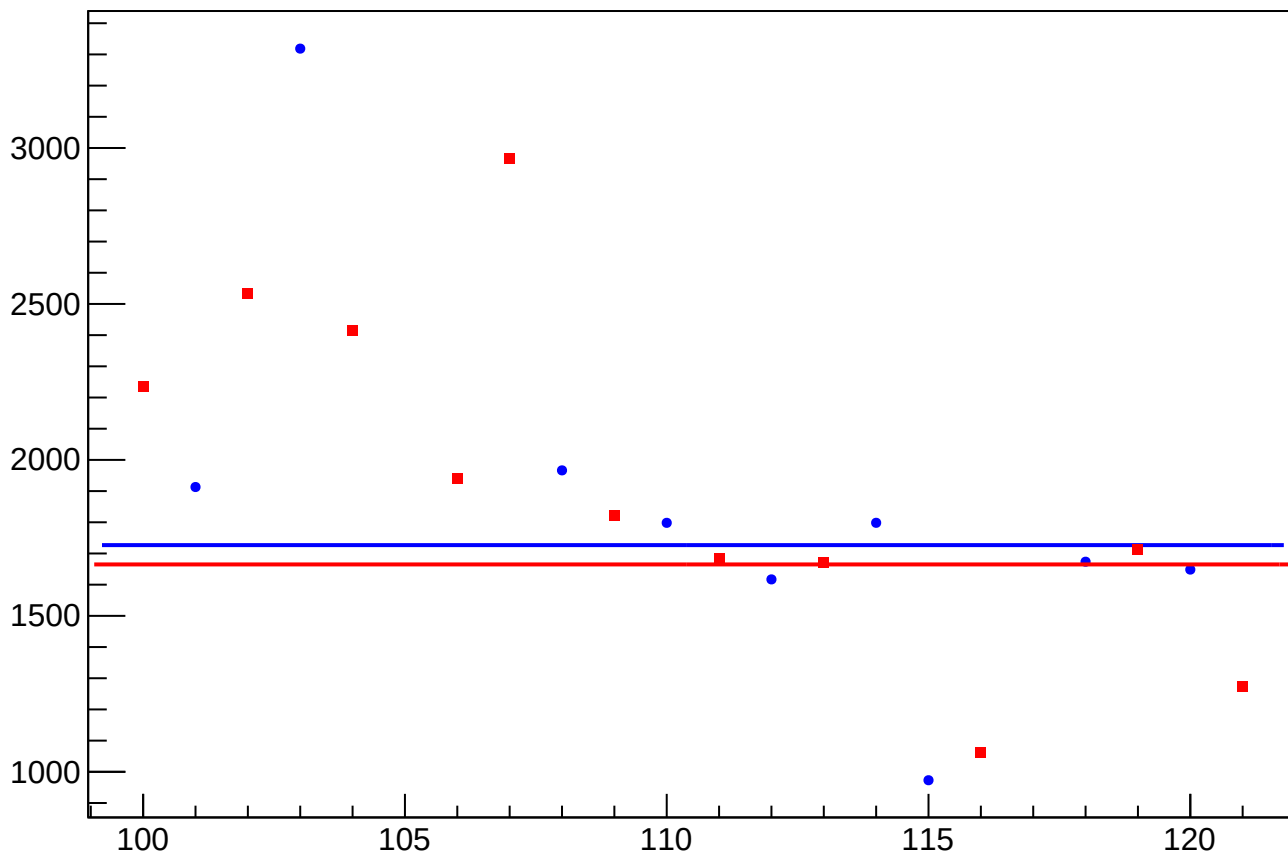
Right: 1032.055+/-618.335 χ^2/NDF : 16.8/19

In: 317.244+/-933.764 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.055+/-618.335 χ^2/NDF : 16.8/19

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1726.811+/-0.660 χ^2/NDF : 474228.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.869+/-0.583 χ^2/NDF : 584151.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

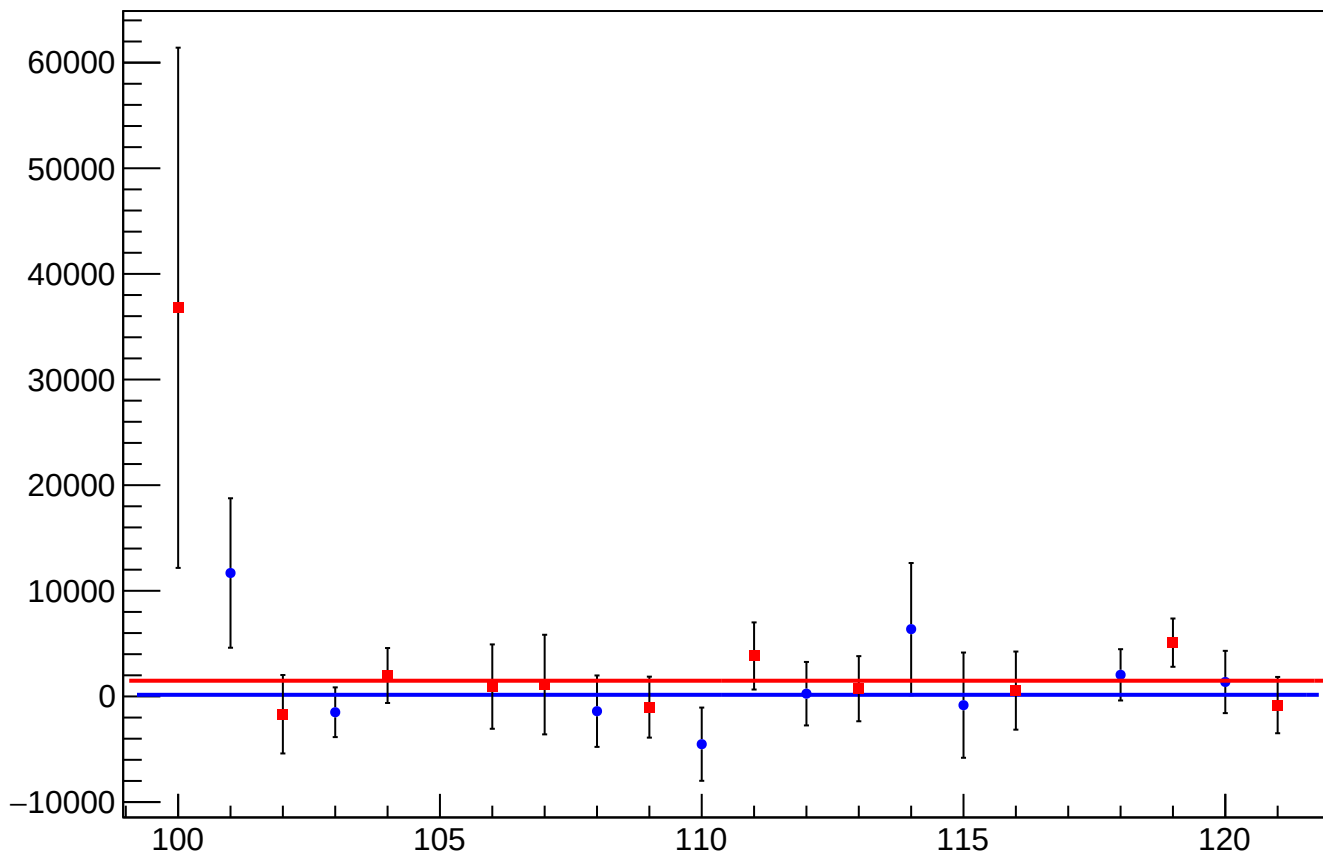
Right: 1692.031+/-0.437 χ^2/NDF : 1063322.4/19

In: 1726.811+/-0.660 χ^2/NDF : 474228.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1692.031+/-0.437 χ^2/NDF : 1063322.4/19

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1487.041+/-971.546 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

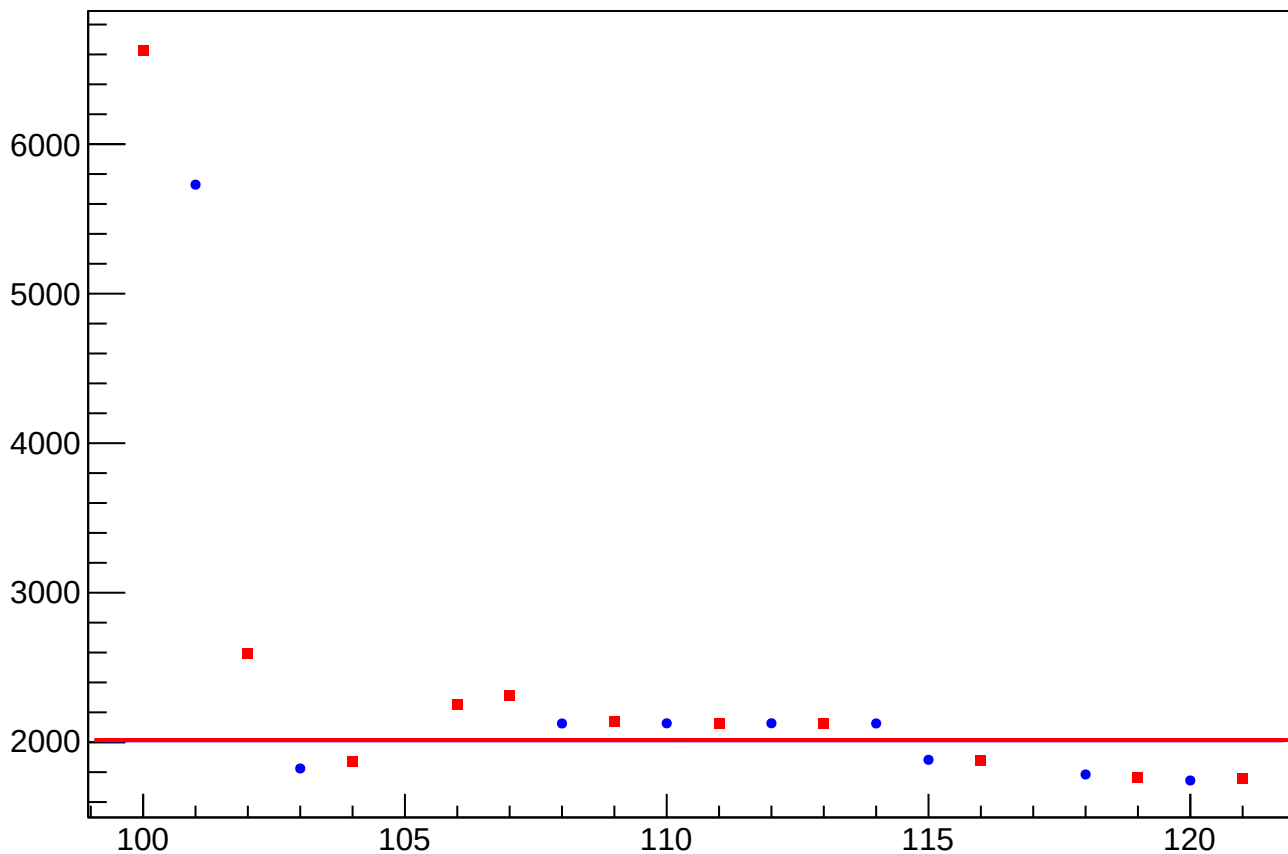
Right: 900.375+/-727.043 χ^2/NDF : 15.3/19

In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.375+/-727.043 χ^2/NDF : 15.3/19

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2014.735+/-0.687 χ^2/NDF : 193283.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

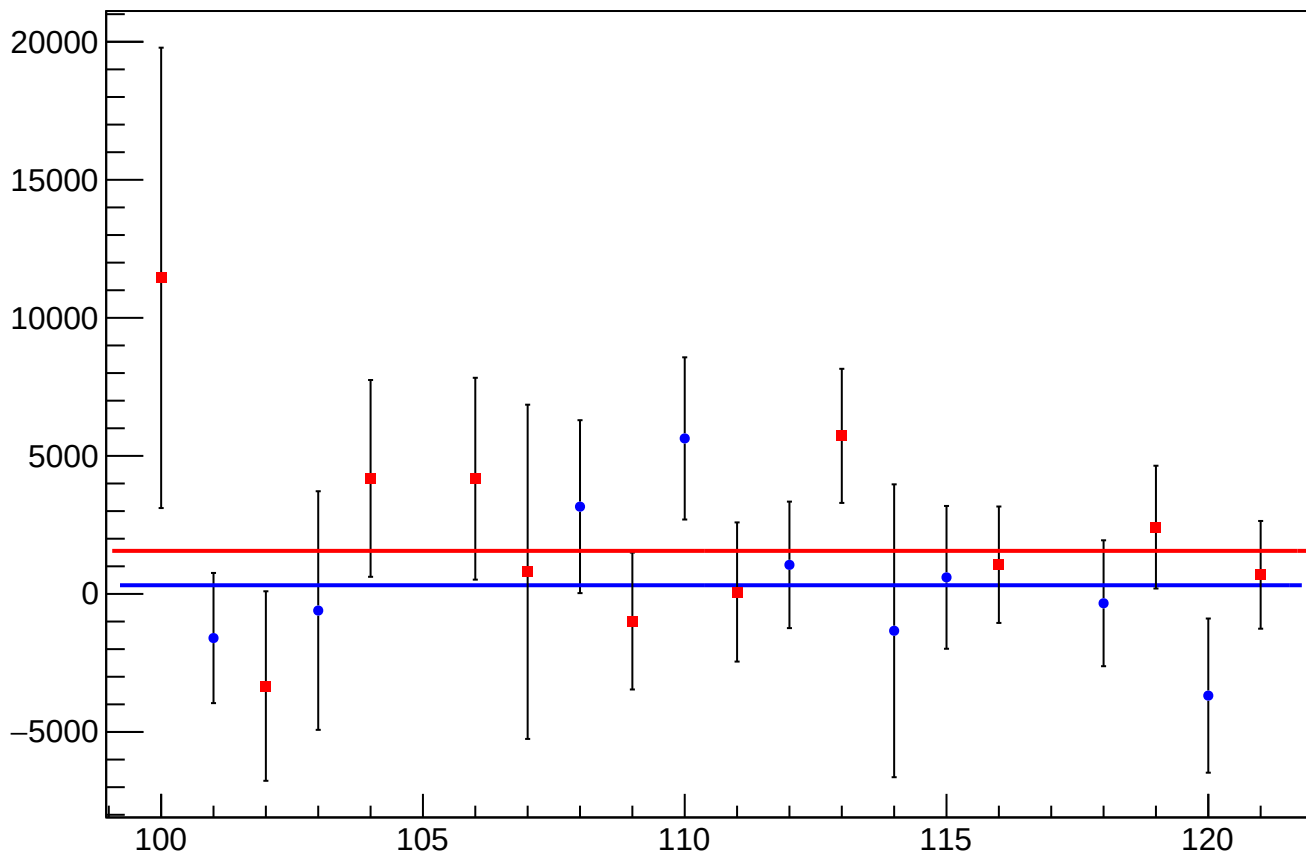
Right: 2014.015+/-0.514 χ^2/NDF : 801466.6/19

In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2014.015+/-0.514 χ^2/NDF : 801466.6/19

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.493+/-827.795 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

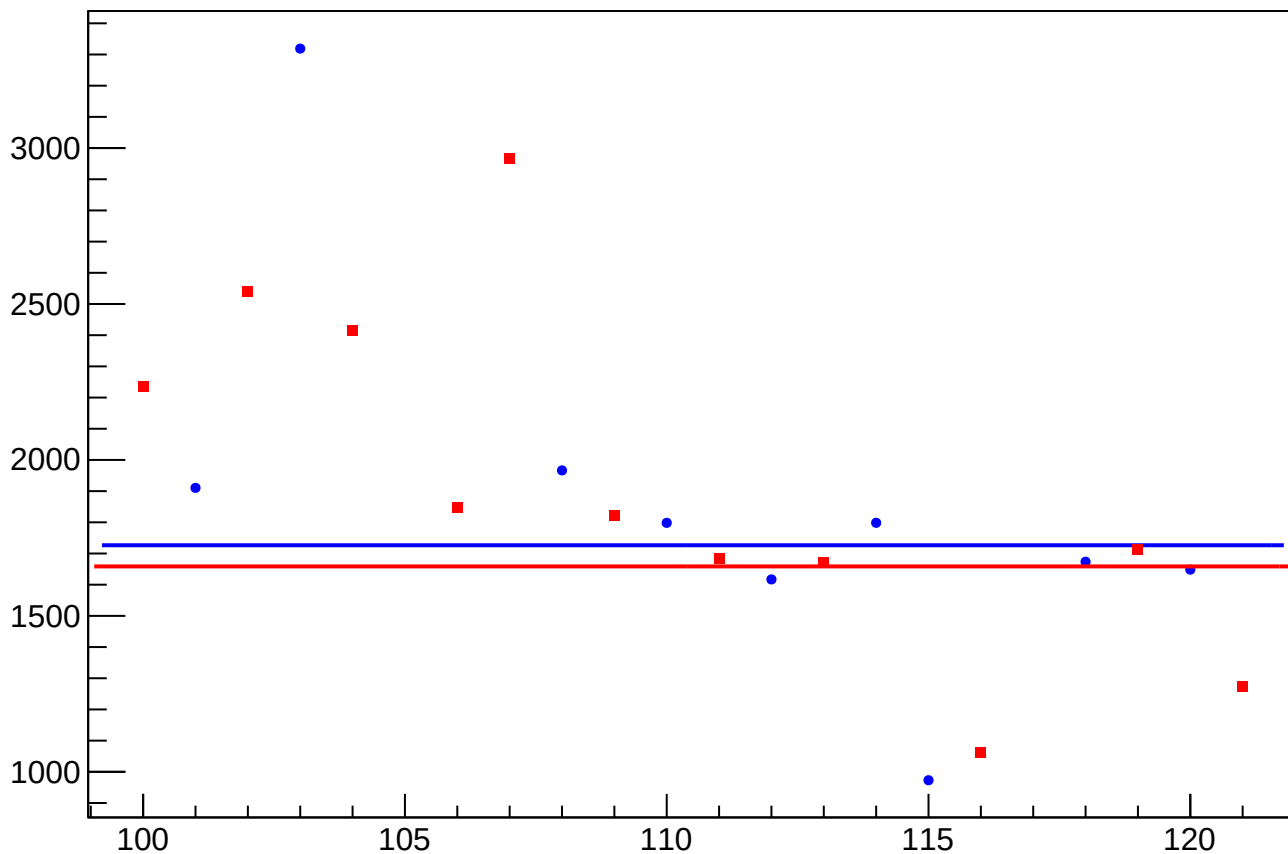
Right: 1011.455+/-619.374 χ^2/NDF : 17.4/19

In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.455+/-619.374 χ^2/NDF : 17.4/19

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.623+/-0.585 χ^2/NDF : 577898.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

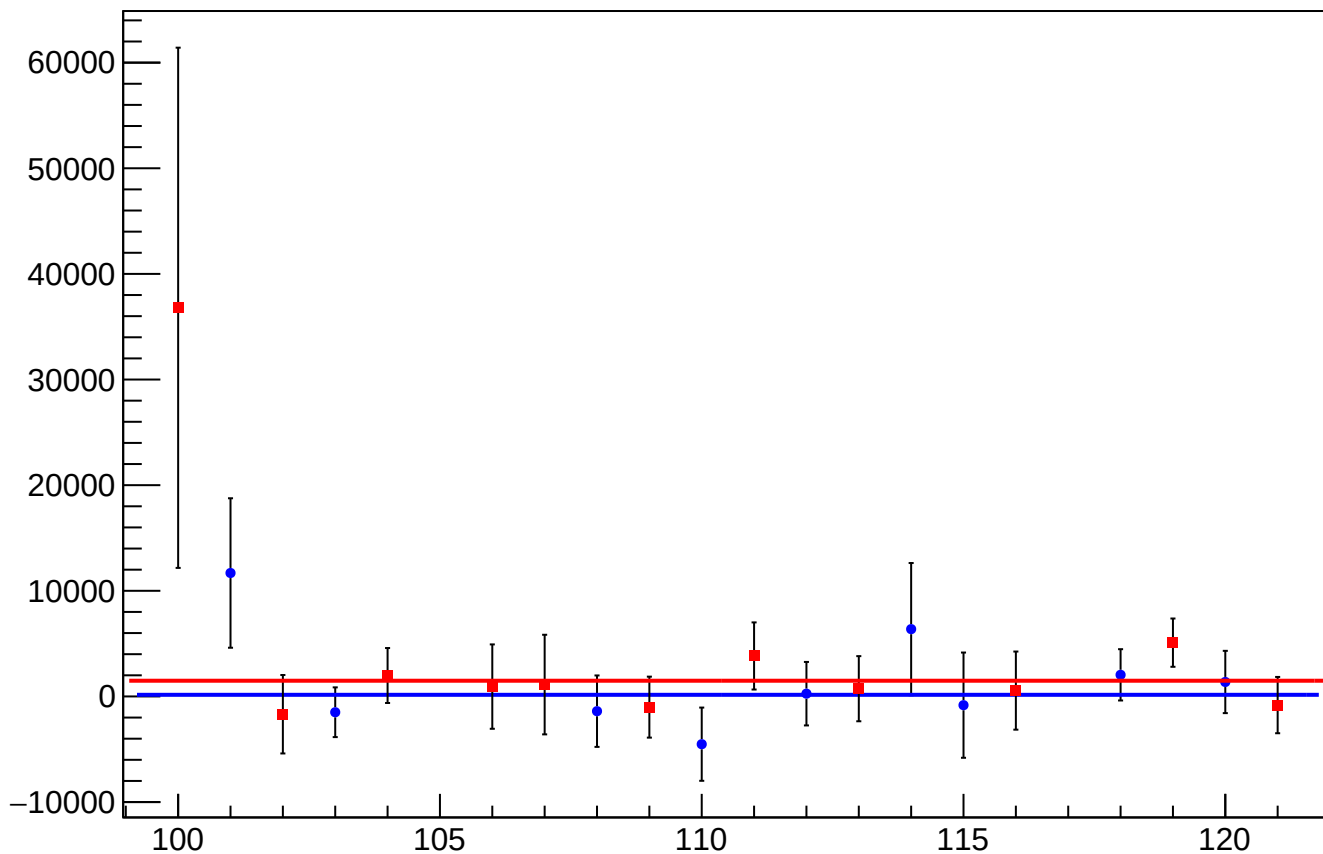
Right: 1688.490+/-0.438 χ^2/NDF : 1057778.0/19

In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1688.490+/-0.438 χ^2/NDF : 1057778.0/19

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1487.041+/-971.546 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

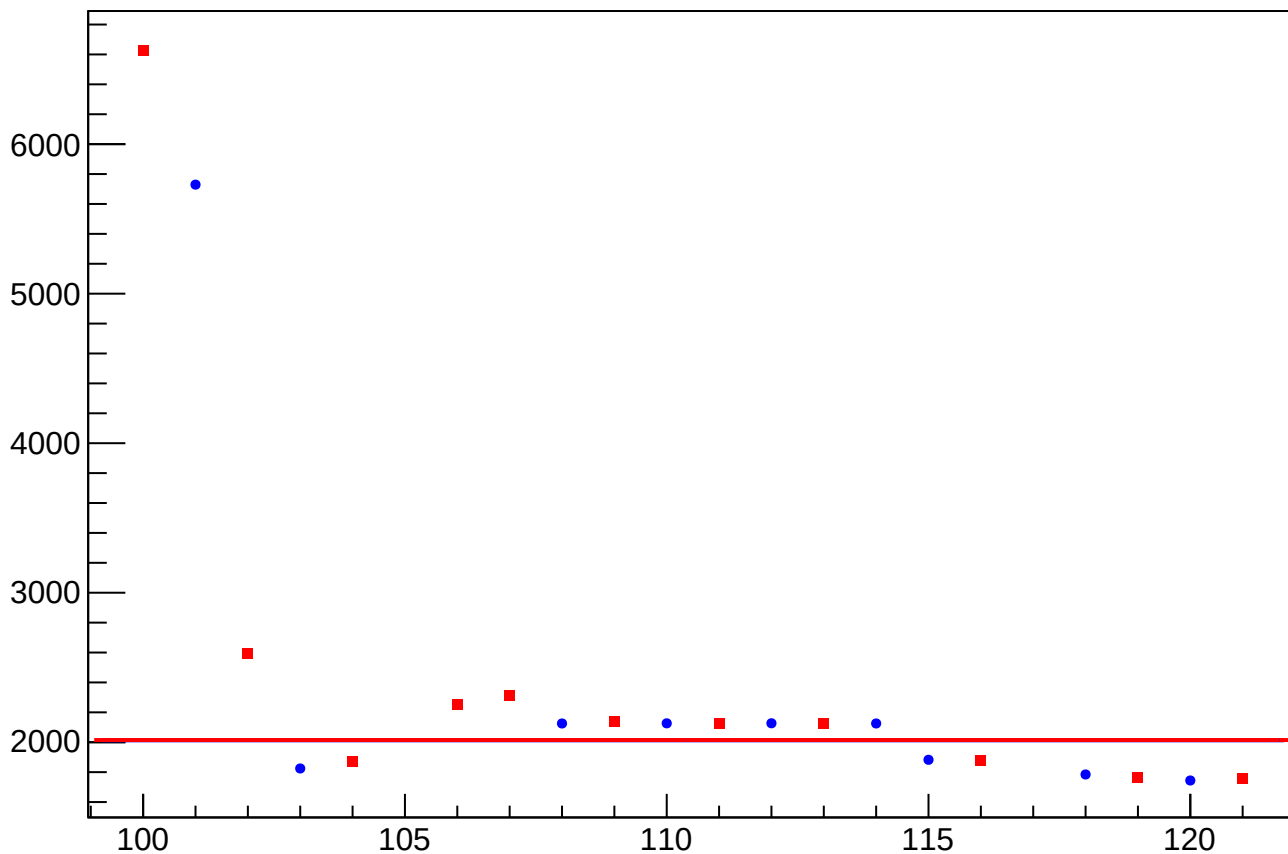
Right: 900.375+/-727.043 χ^2/NDF : 15.3/19

In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.375+/-727.043 χ^2/NDF : 15.3/19

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2014.735+/-0.687 χ^2/NDF : 193283.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

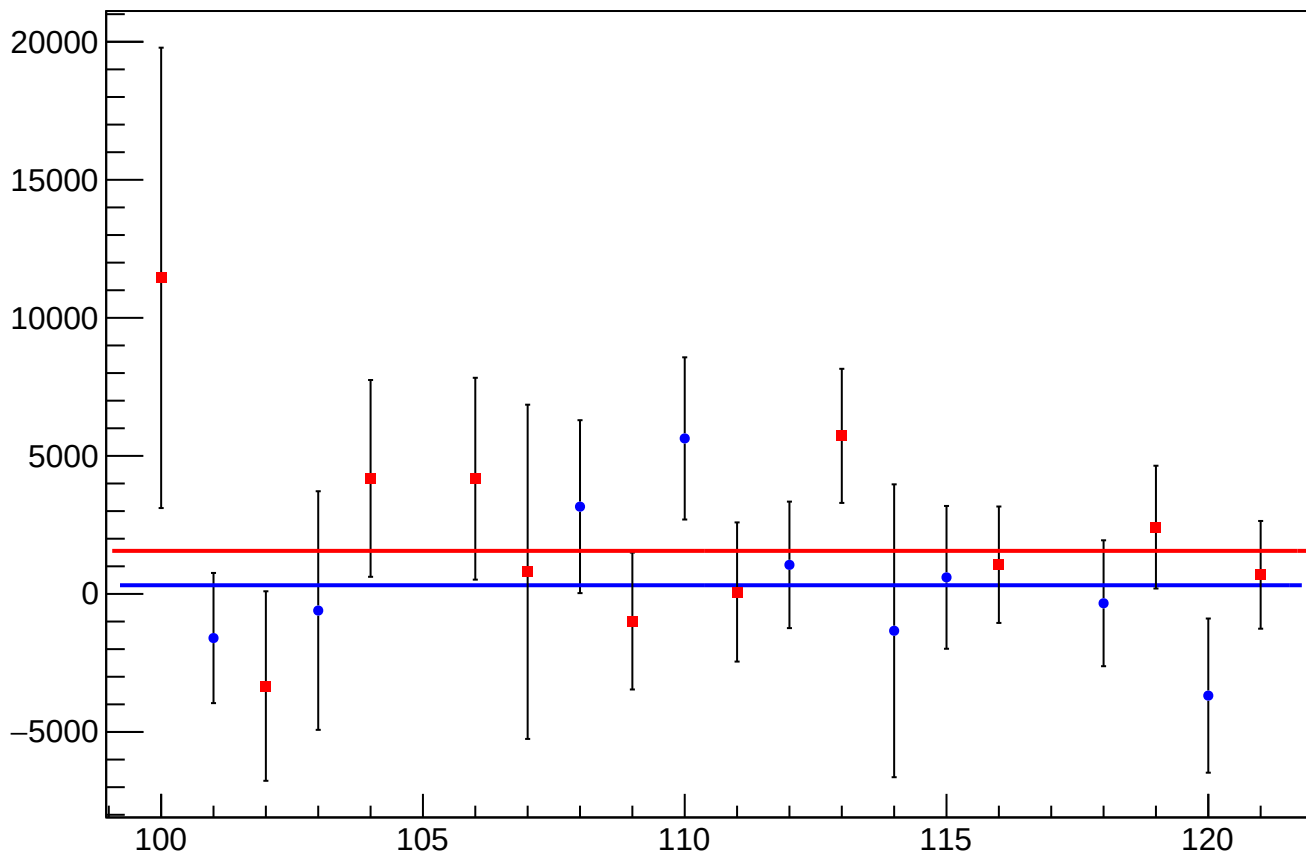
Right: 2014.015+/-0.514 χ^2/NDF : 801466.6/19

In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2014.015+/-0.514 χ^2/NDF : 801466.6/19

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.493+/-827.795 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

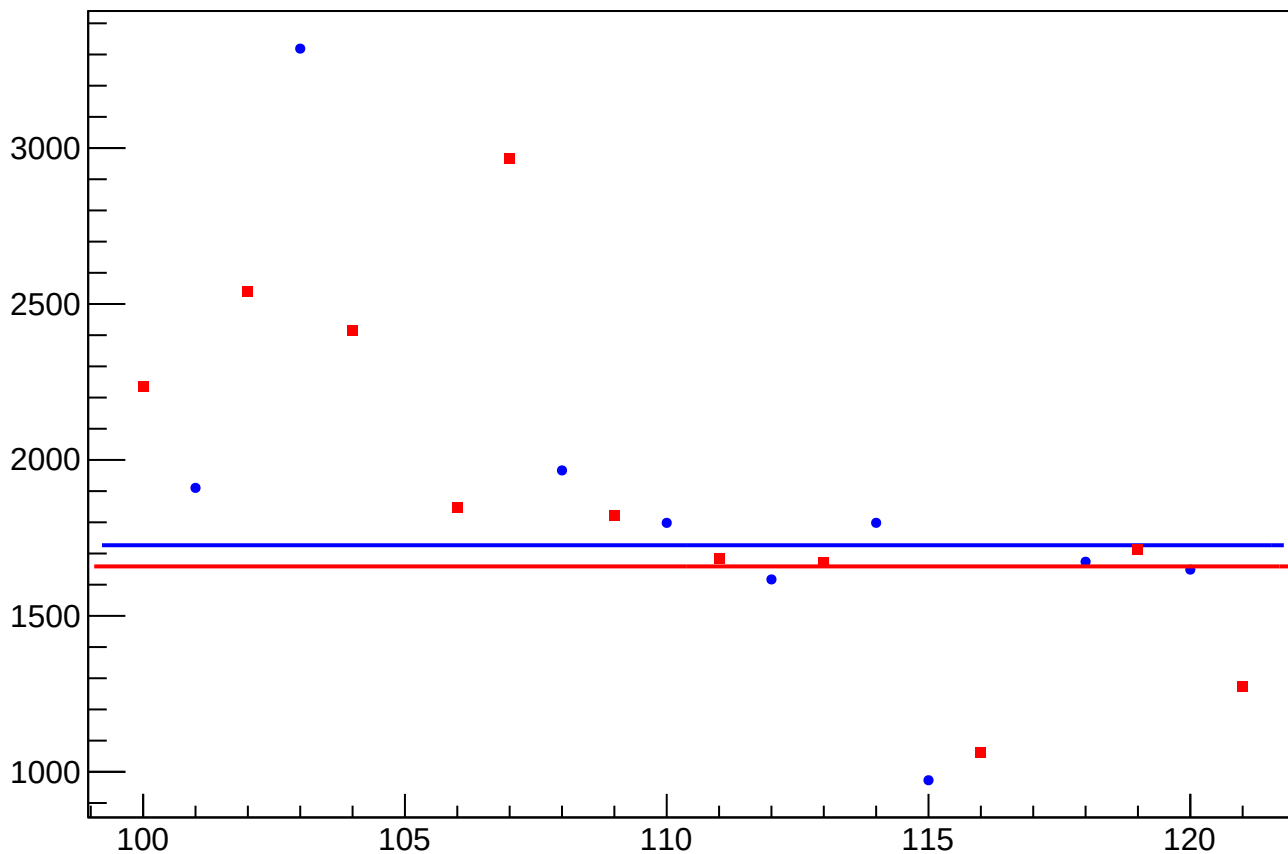
Right: 1011.455+/-619.374 χ^2/NDF : 17.4/19

In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.455+/-619.374 χ^2/NDF : 17.4/19

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.623+/-0.585 χ^2/NDF : 577898.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

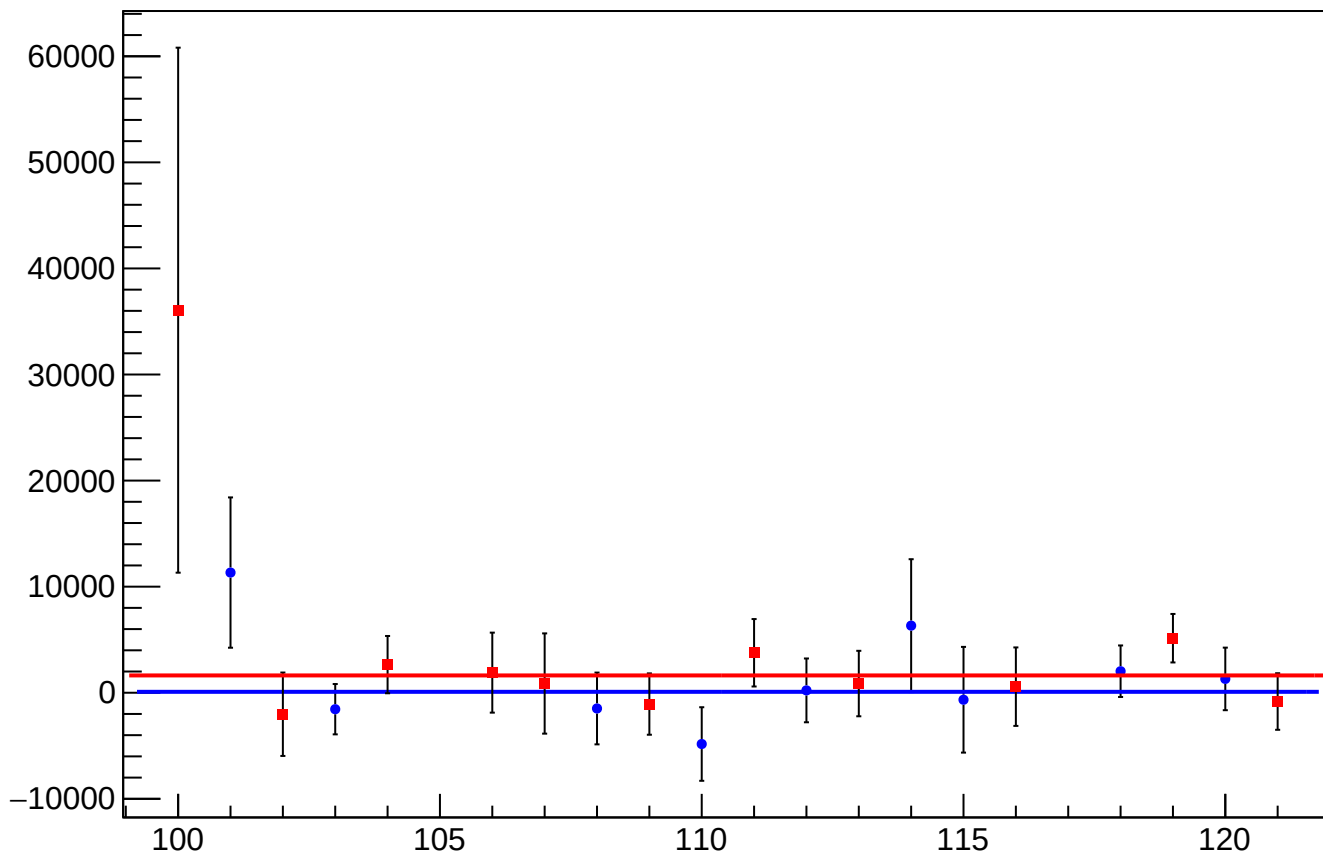
Right: 1688.490+/-0.438 χ^2/NDF : 1057778.0/19

In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1688.490+/-0.438 χ^2/NDF : 1057778.0/19

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 86.417+/-1098.348 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1631.718+/-977.142 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

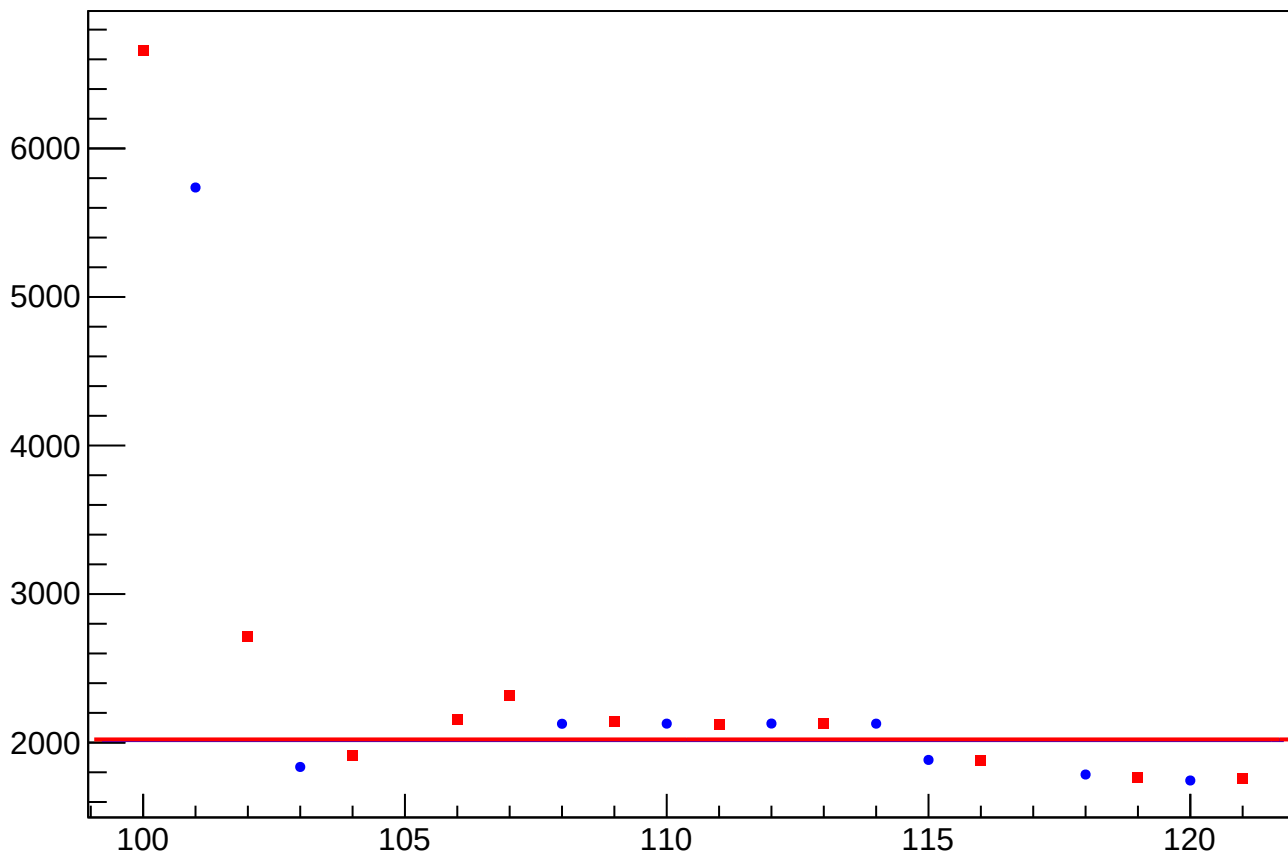
Right: 949.005+/-730.050 χ^2/NDF : 15.8/19

In: 86.417+/-1098.348 χ^2/NDF :7.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 949.005+/-730.050 χ^2/NDF : 15.8/19

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2016.805+/-0.777 χ^2/NDF : 607266.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2021.179+/-0.691 χ^2/NDF : 200694.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

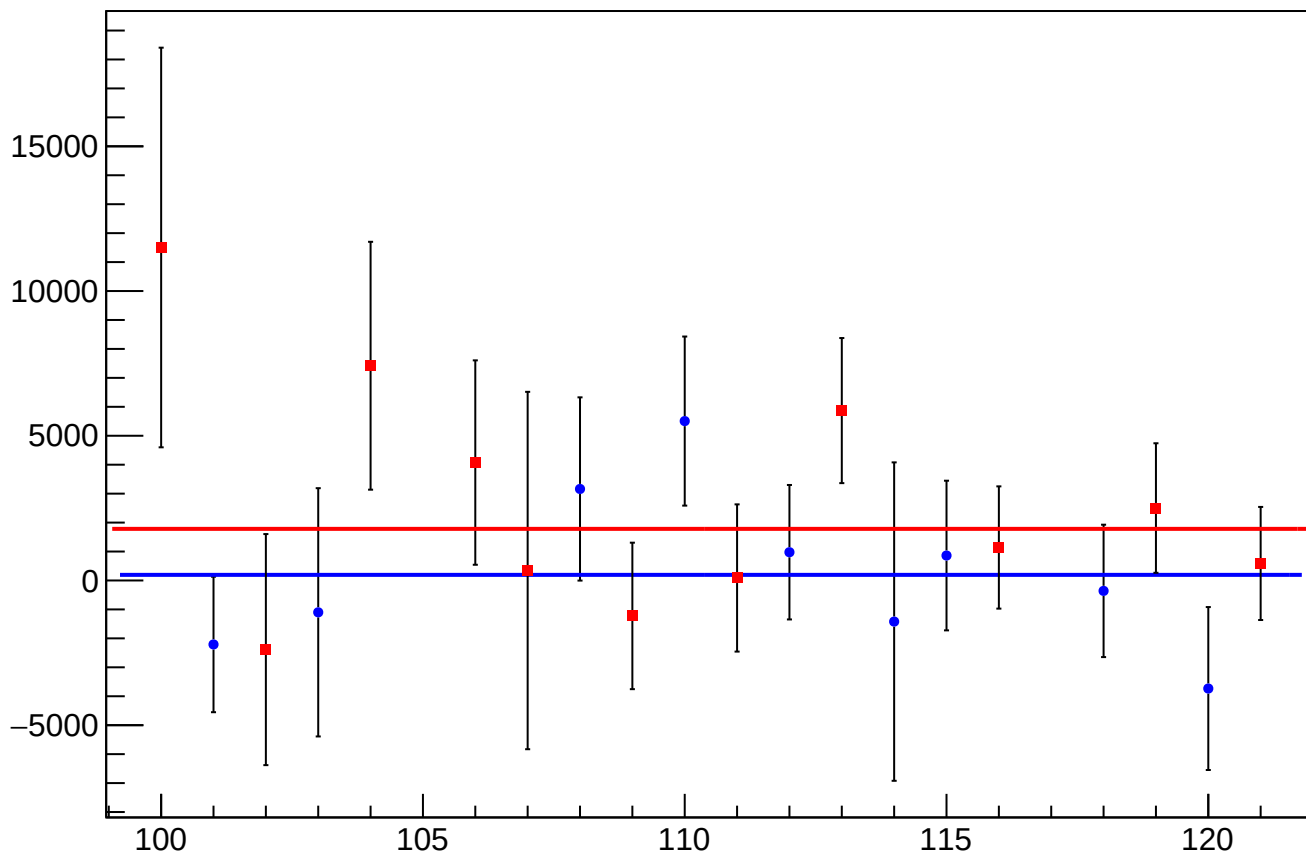
Right: 2019.247+/-0.516 χ^2/NDF : 807978.2/19

In: 2016.805+/-0.777 χ^2/NDF :607266.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2019.247+/-0.516 χ^2/NDF : 807978.2/19

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.899+/-936.935 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1783.200+/-844.953 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

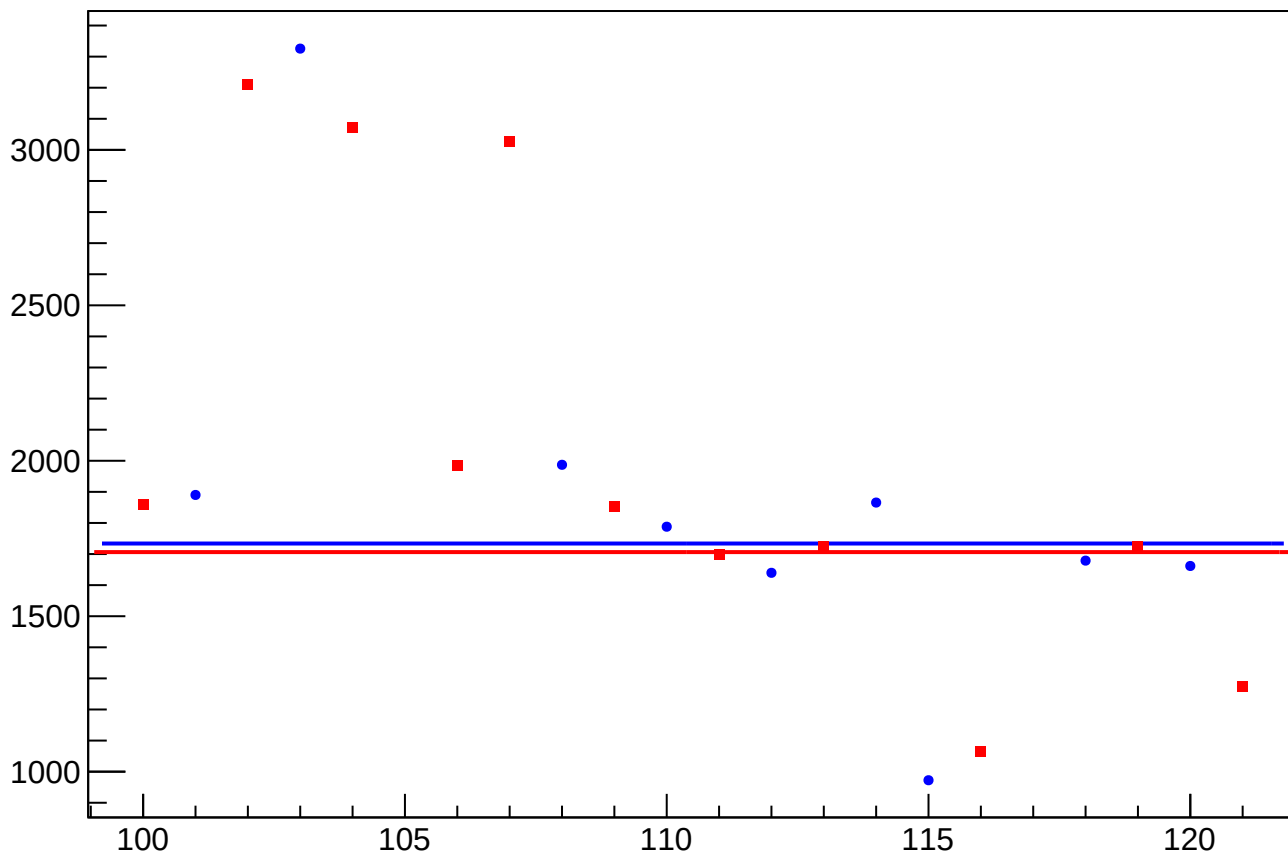
Right: 1070.372+/-627.478 χ^2/NDF : 19.6/19

In: 193.899+/-936.935 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.372+/-627.478 χ^2/NDF : 19.6/19

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1733.856+/-0.663 χ^2/NDF : 478262.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.265+/-0.597 χ^2/NDF : 881108.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

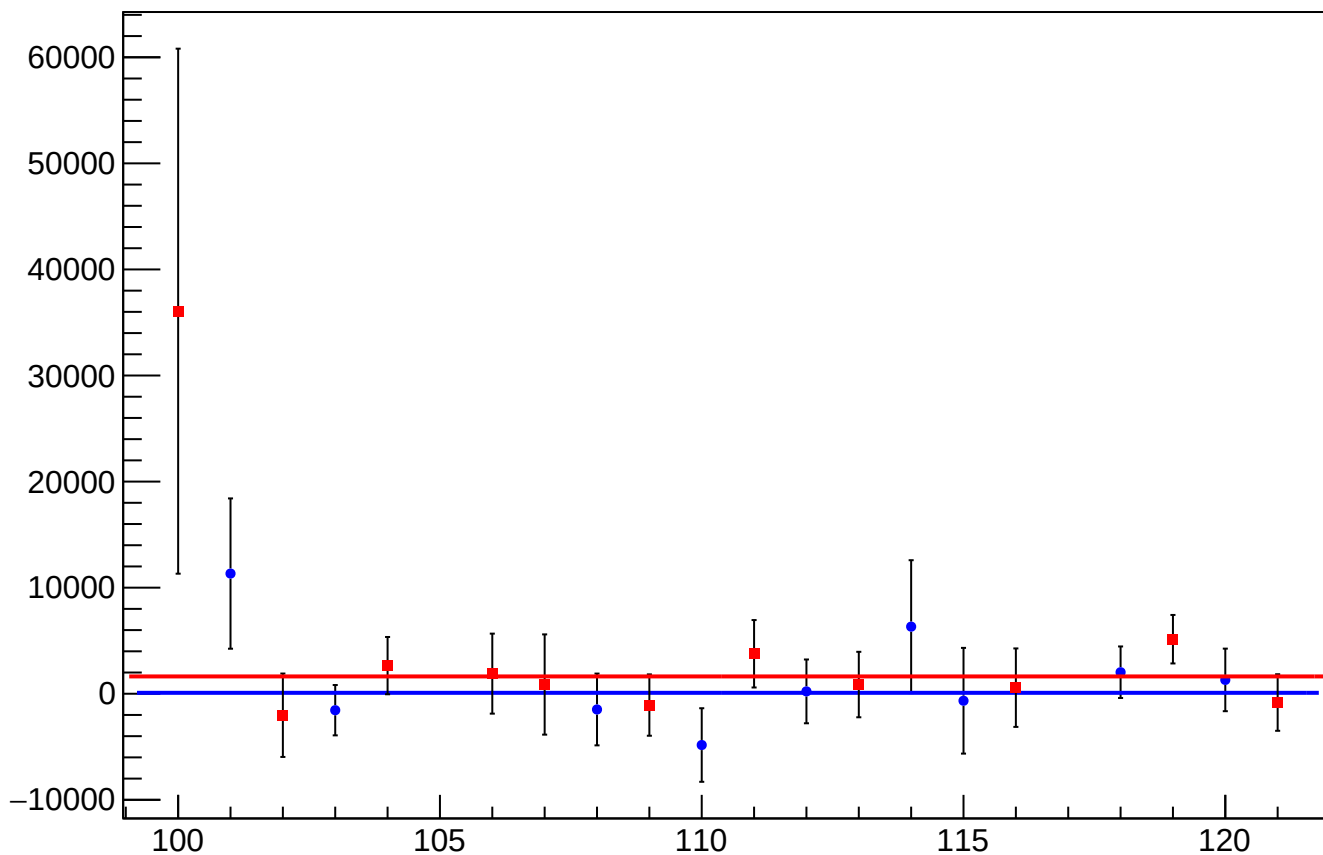
Right: 1718.640+/-0.444 χ^2/NDF : 1360327.7/19

In: 1733.856+/-0.663 χ^2/NDF : 478262.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1718.640+/-0.444 χ^2/NDF : 1360327.7/19

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 86.419+/-1098.348 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1631.716+/-977.142 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

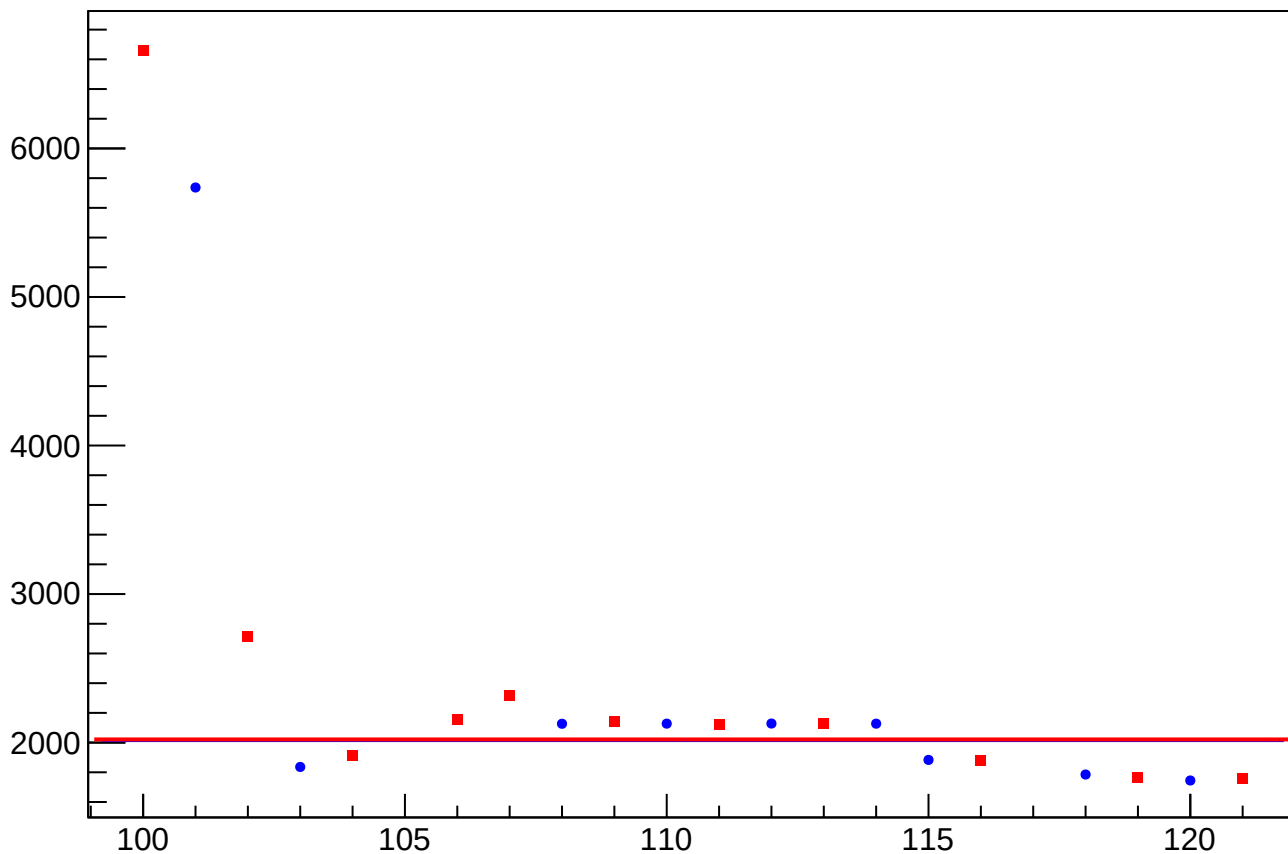
Right: 949.004+/-730.050 χ^2/NDF : 15.8/19

In: 86.419+/-1098.348 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.004+/-730.050 χ^2/NDF : 15.8/19

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2016.805+/-0.777 χ^2/NDF : 607266.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.179+/-0.691 χ^2/NDF : 200694.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

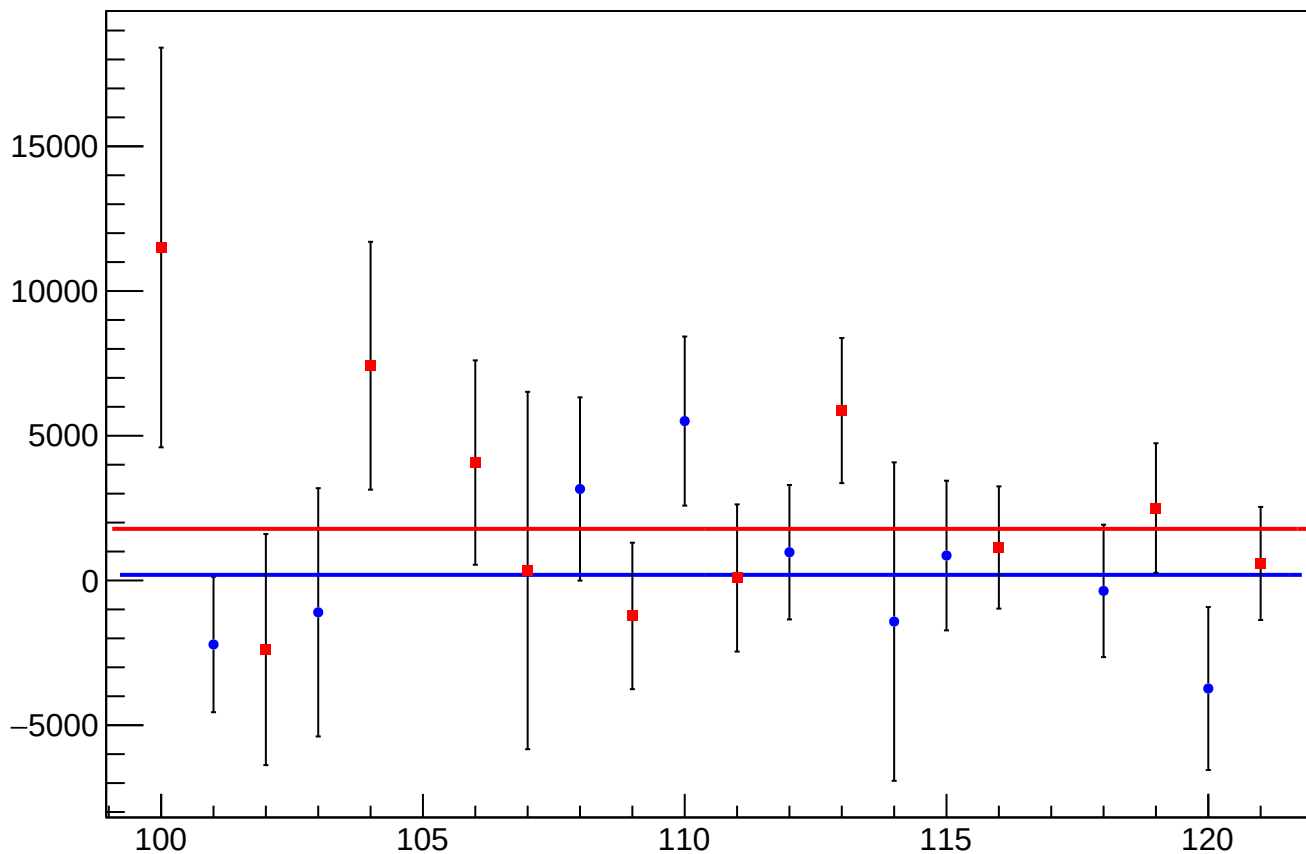
Right: 2019.246+/-0.516 χ^2/NDF : 807978.2/19

In: 2016.805+/-0.777 χ^2/NDF : 607266.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2019.246+/-0.516 χ^2/NDF : 807978.2/19

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.900+/-936.933 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1783.195+/-844.951 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

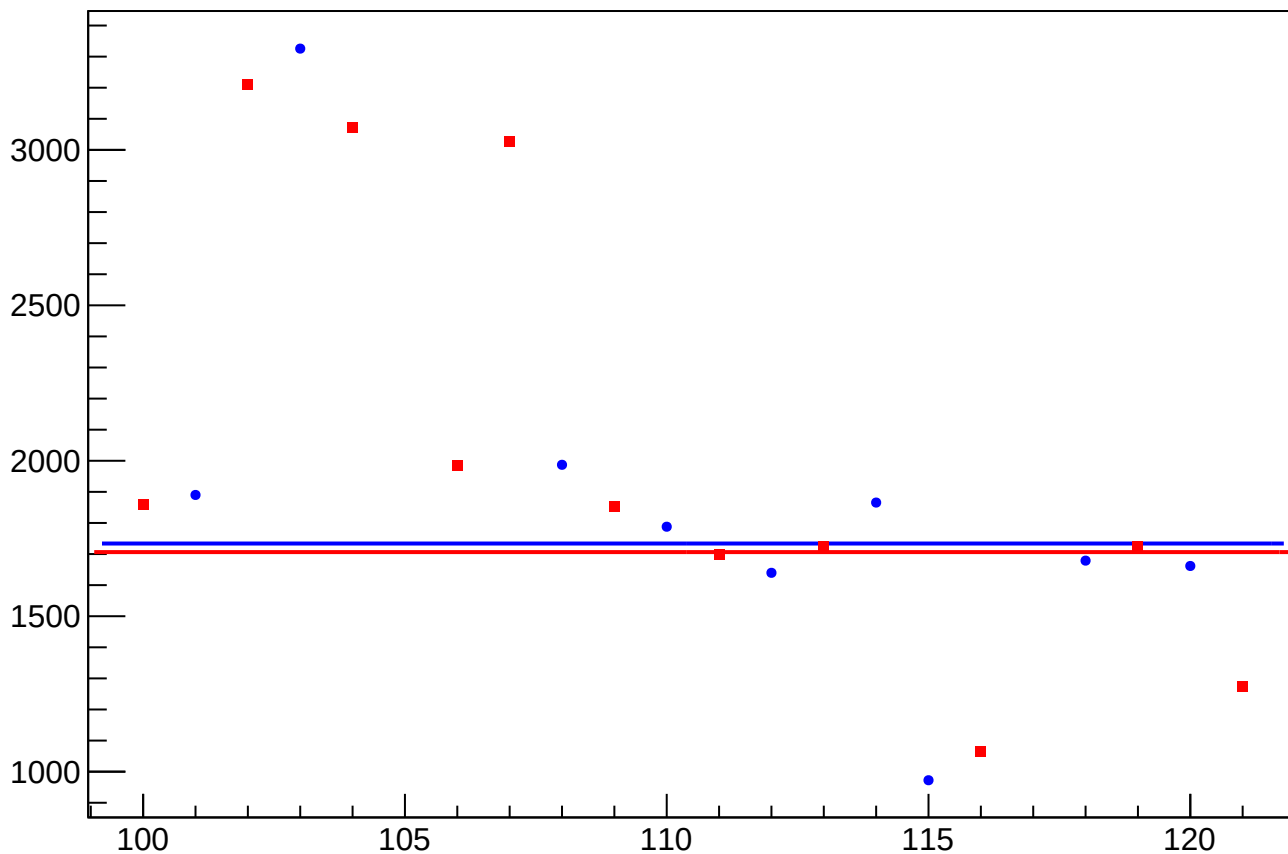
Right: 1070.370+/-627.477 χ^2/NDF : 19.6/19

In: 193.900+/-936.933 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.370+/-627.477 χ^2/NDF : 19.6/19

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1733.851+/-0.663 χ^2/NDF : 478266.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.262+/-0.597 χ^2/NDF : 881114.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

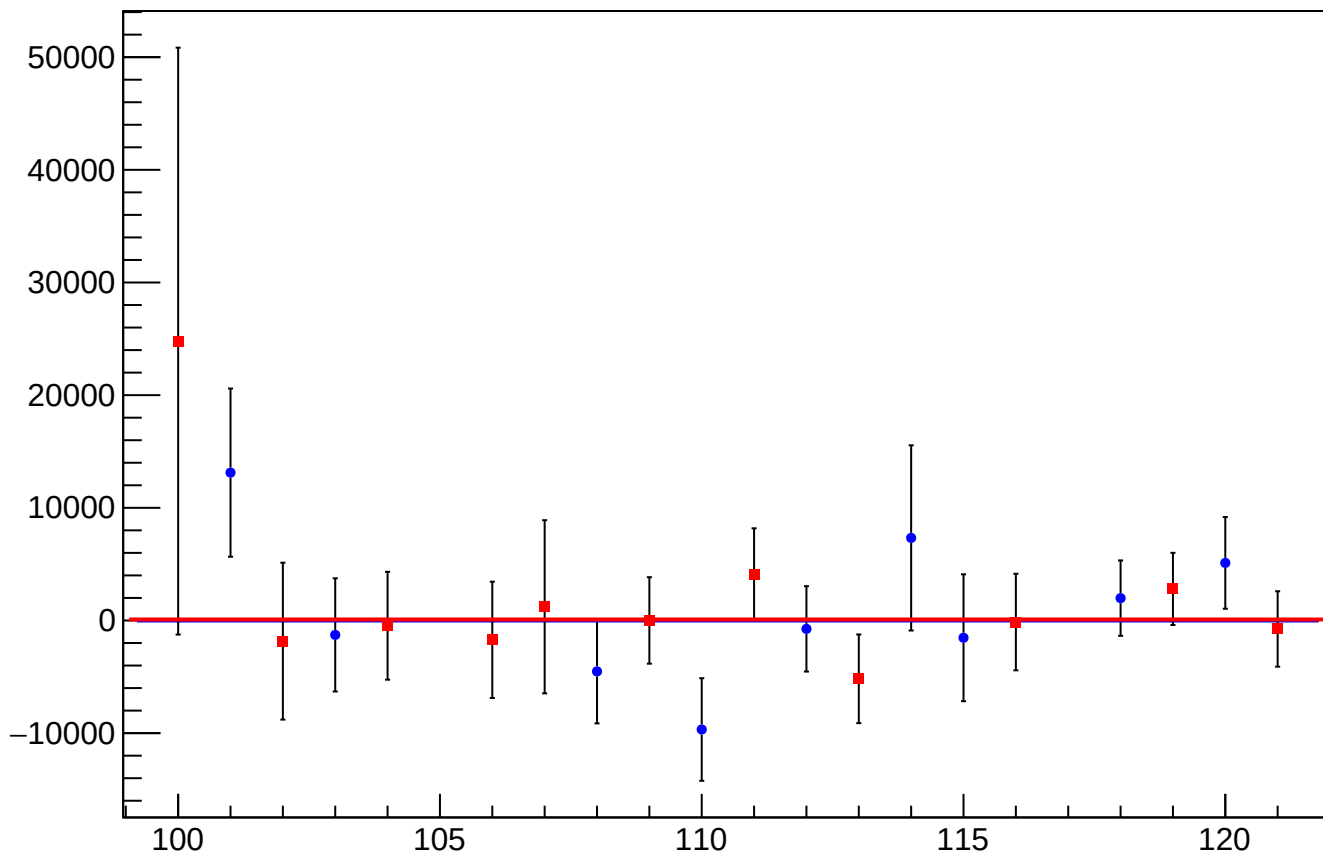
Right: 1718.636+/-0.444 χ^2/NDF : 1360337.8/19

In: 1733.851+/-0.663 χ^2/NDF : 478266.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1718.636+/-0.444 χ^2/NDF : 1360337.8/19

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -0.796+/-1545.773 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 87.540+/-1342.874 χ^2/NDF : 4.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

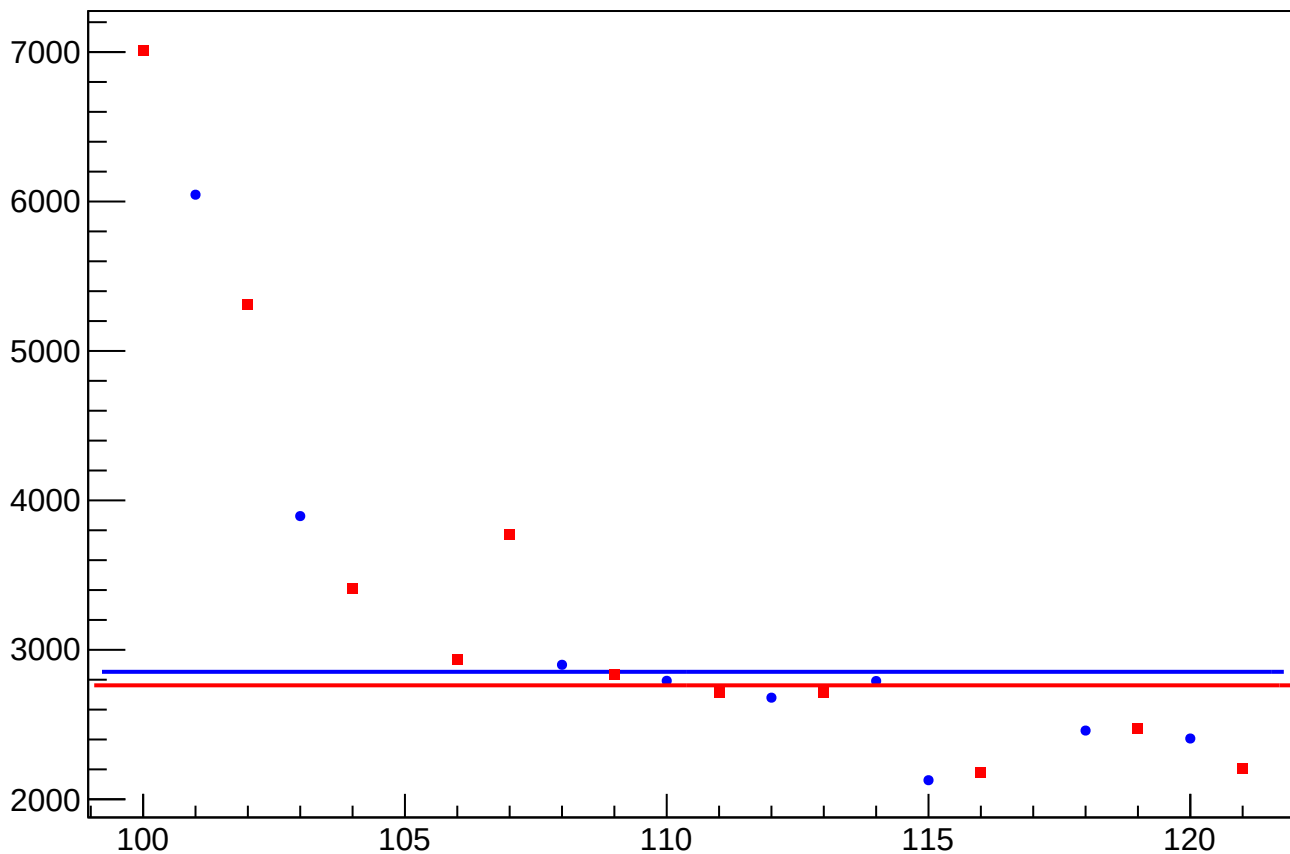
Right: 49.546+/-1013.755 χ^2/NDF : 16.2/19

In: -0.796+/-1545.773 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.546+/-1013.755 χ^2/NDF : 16.2/19

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2852.870+/-1.093 χ^2/NDF : 541687.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2762.397+/-0.950 χ^2/NDF : 504548.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

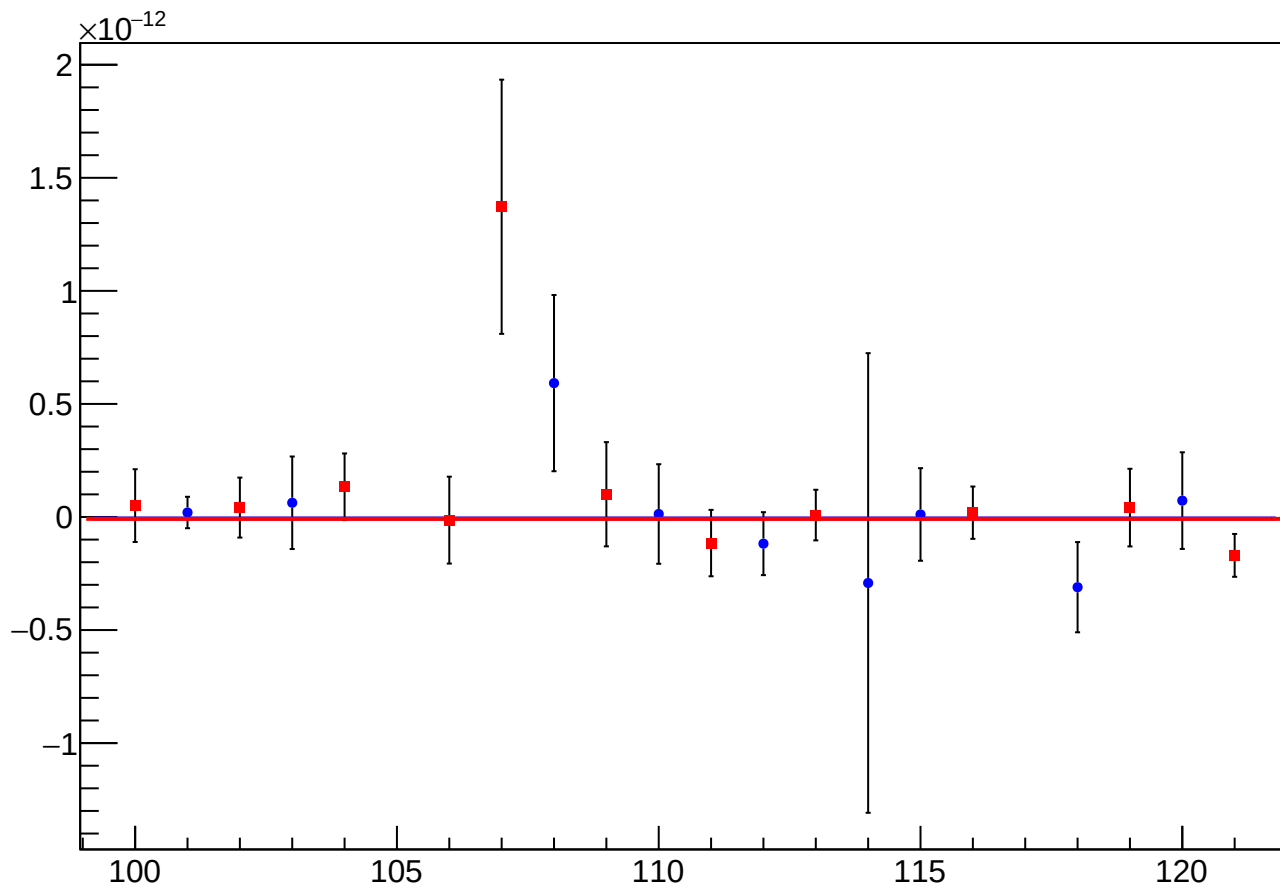
Right: 2801.309+/-0.717 χ^2/NDF : 1050140.5/19

In: 2852.870+/-1.093 χ^2/NDF : 541687.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2801.309+/-0.717 χ^2/NDF : 1050140.5/19

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

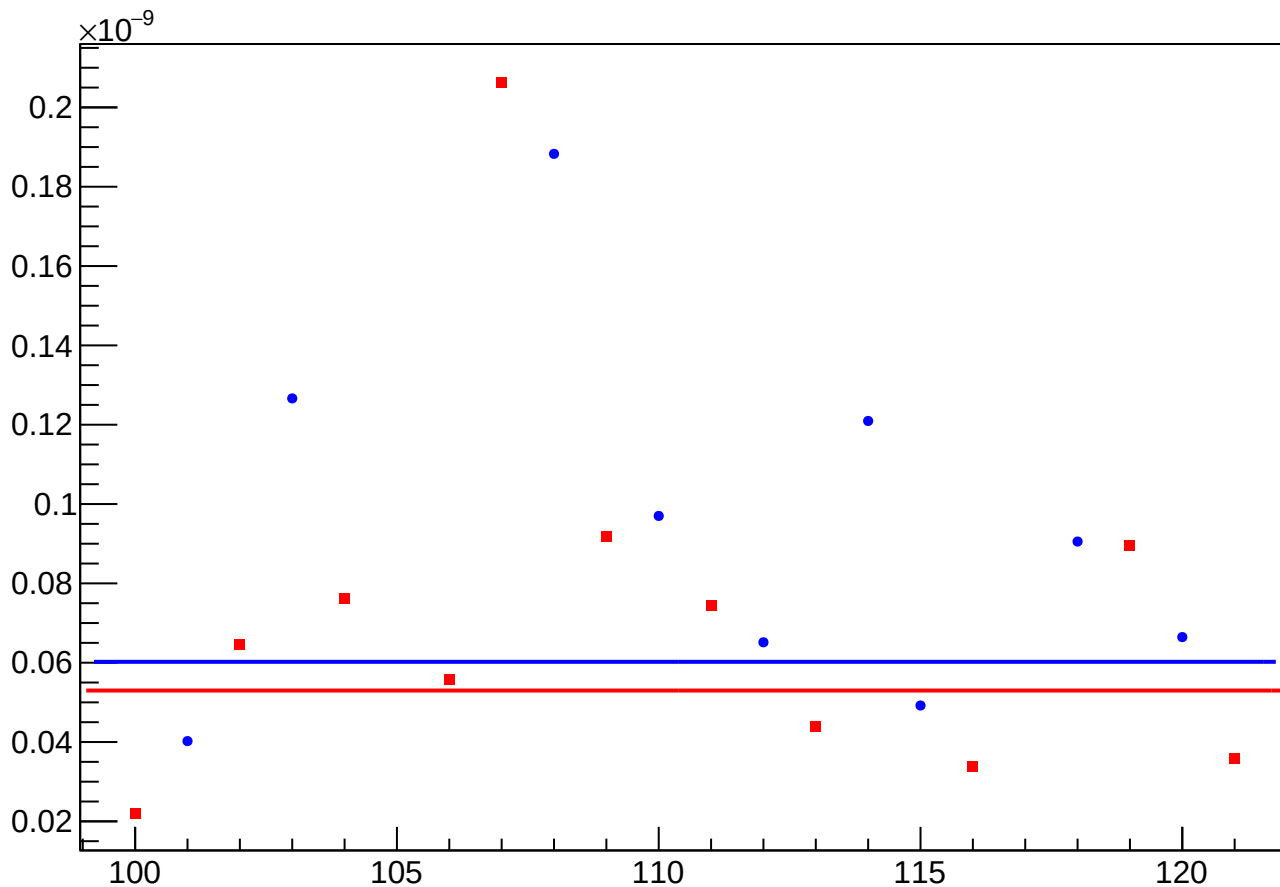
Right: -0.000+/-0.000 χ^2 /NDF: 16.9/19

In: -0.000+/-0.000 χ^2 /NDF:5.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.9/19

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 711285.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 610964.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

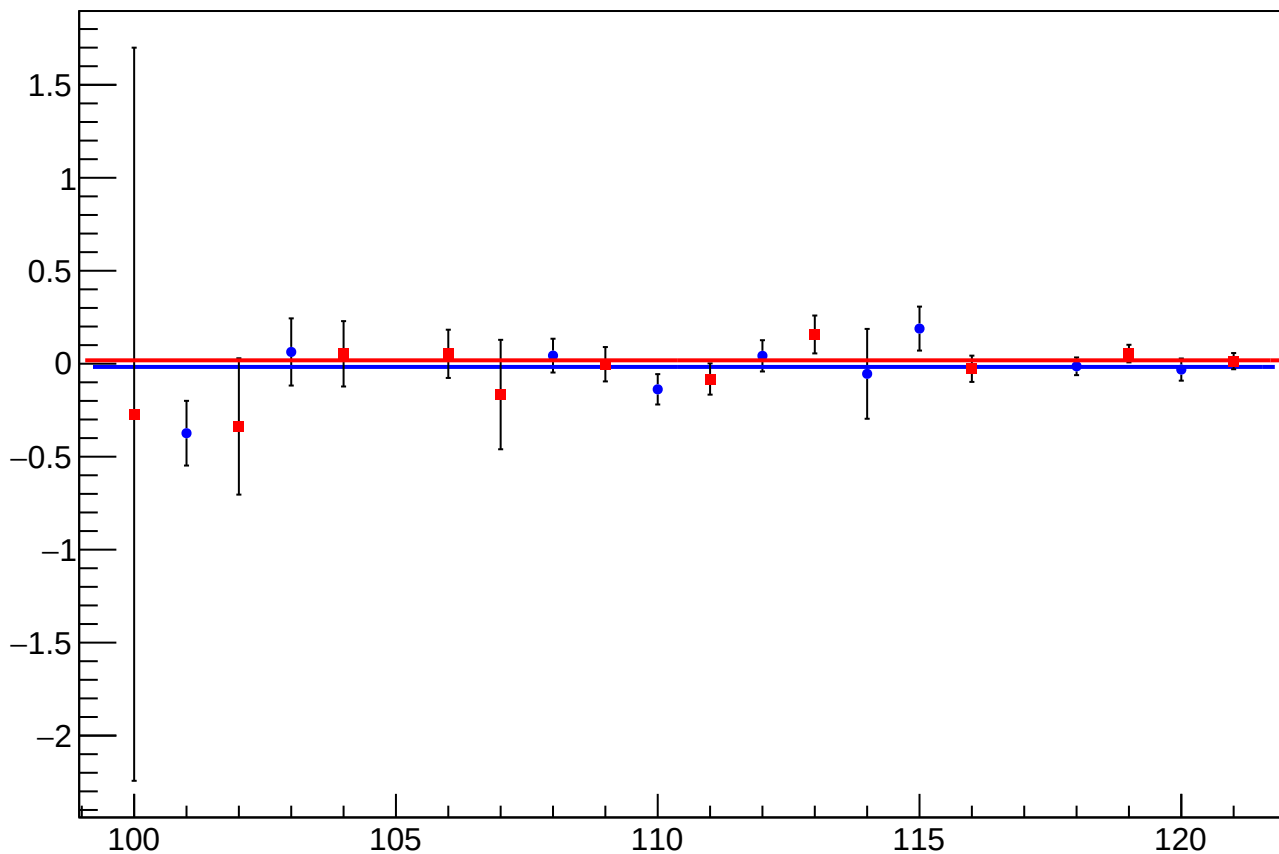
Right: 0.000+/-0.000 χ^2/NDF : 1345638.6/19

In: 0.000+/-0.000 χ^2/NDF : 711285.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1345638.6/19

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.025 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

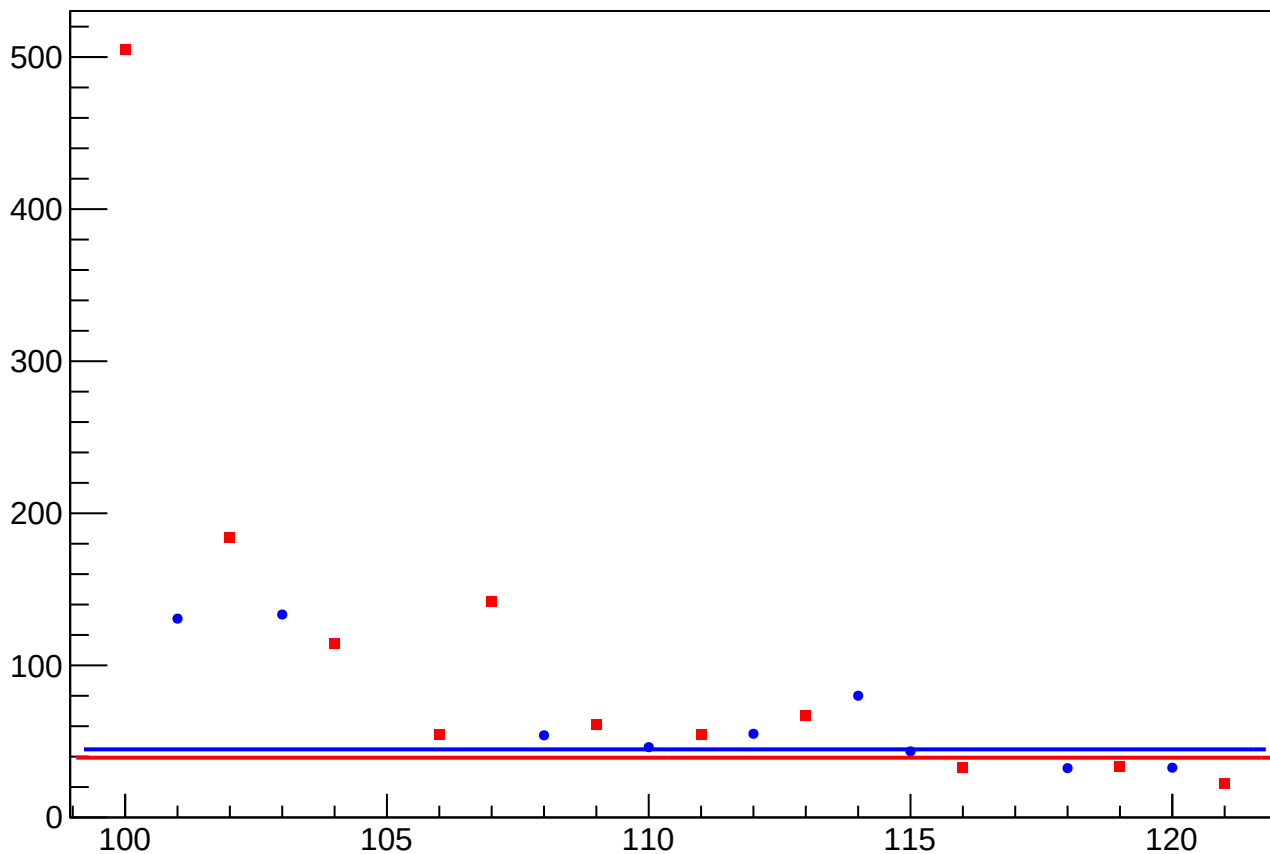
Right: 0.003+/-0.018 χ^2/NDF : 17.4/19

In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.018 χ^2/NDF : 17.4/19

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750922.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

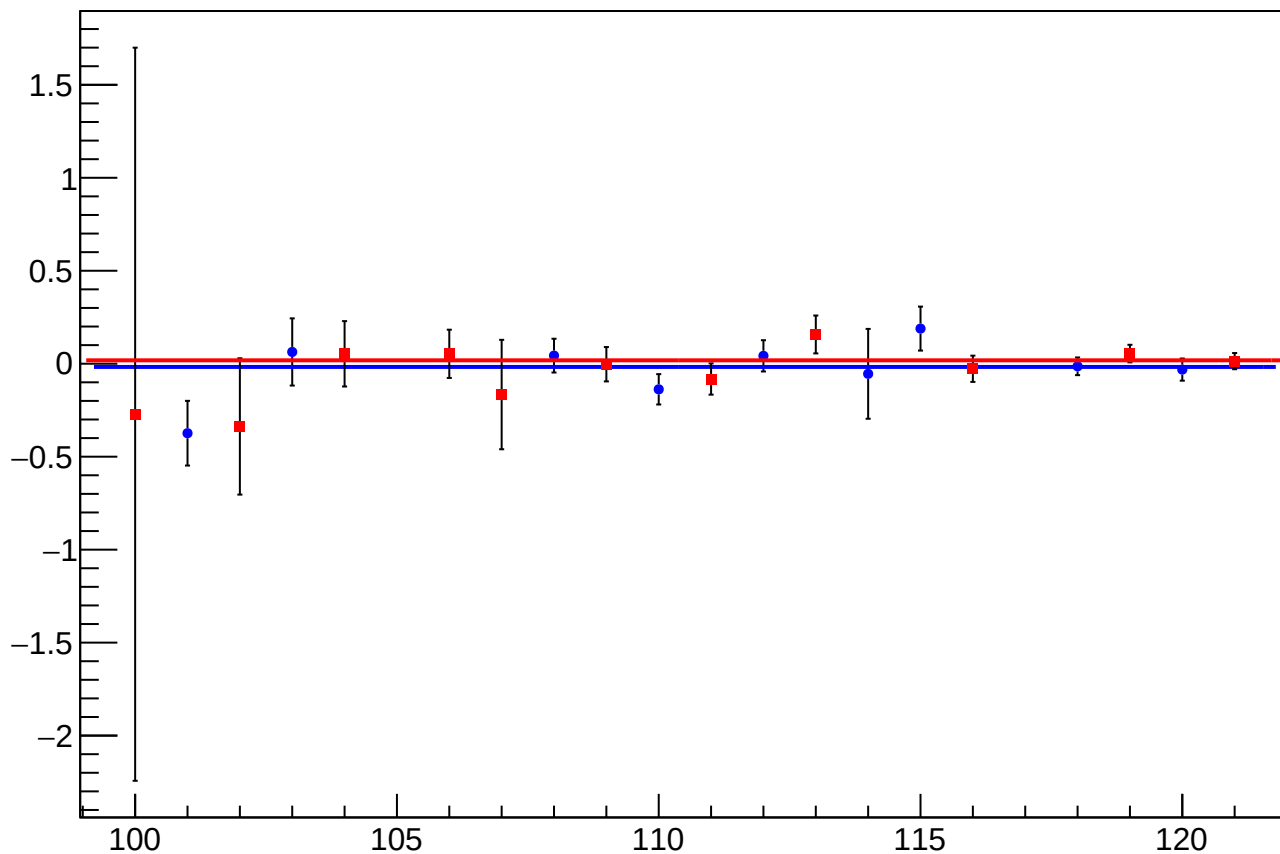
Right: 41.702+/-0.013 χ^2/NDF : 3074502.7/19

In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.702+/-0.013 χ^2/NDF : 3074502.7/19

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.028 χ^2 /NDF: 10.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.018+/-0.025 χ^2 /NDF: 5.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

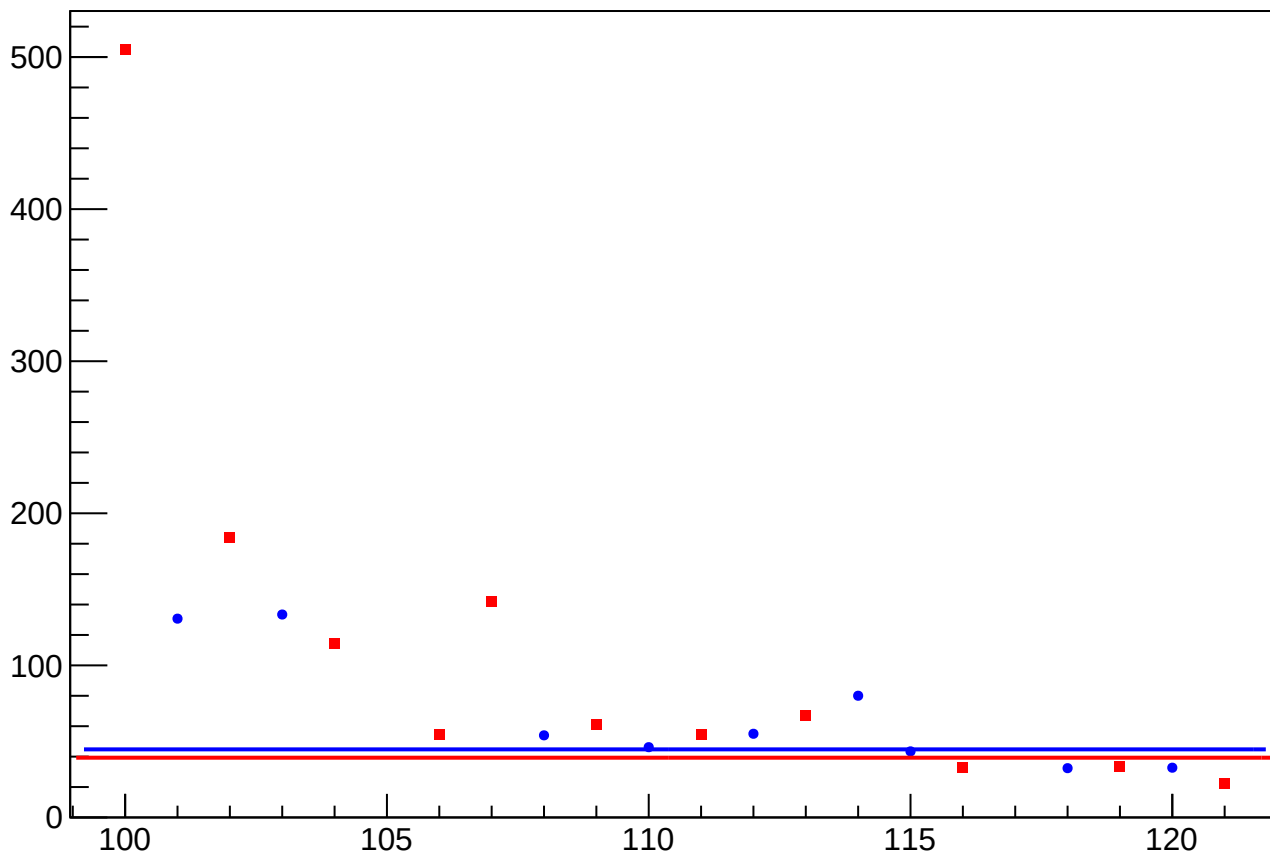
Right: 0.003+/-0.018 χ^2 /NDF: 17.4/19

In: -0.017+/-0.028 χ^2 /NDF:10.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.003+/-0.018 χ^2 /NDF: 17.4/19

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750922.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

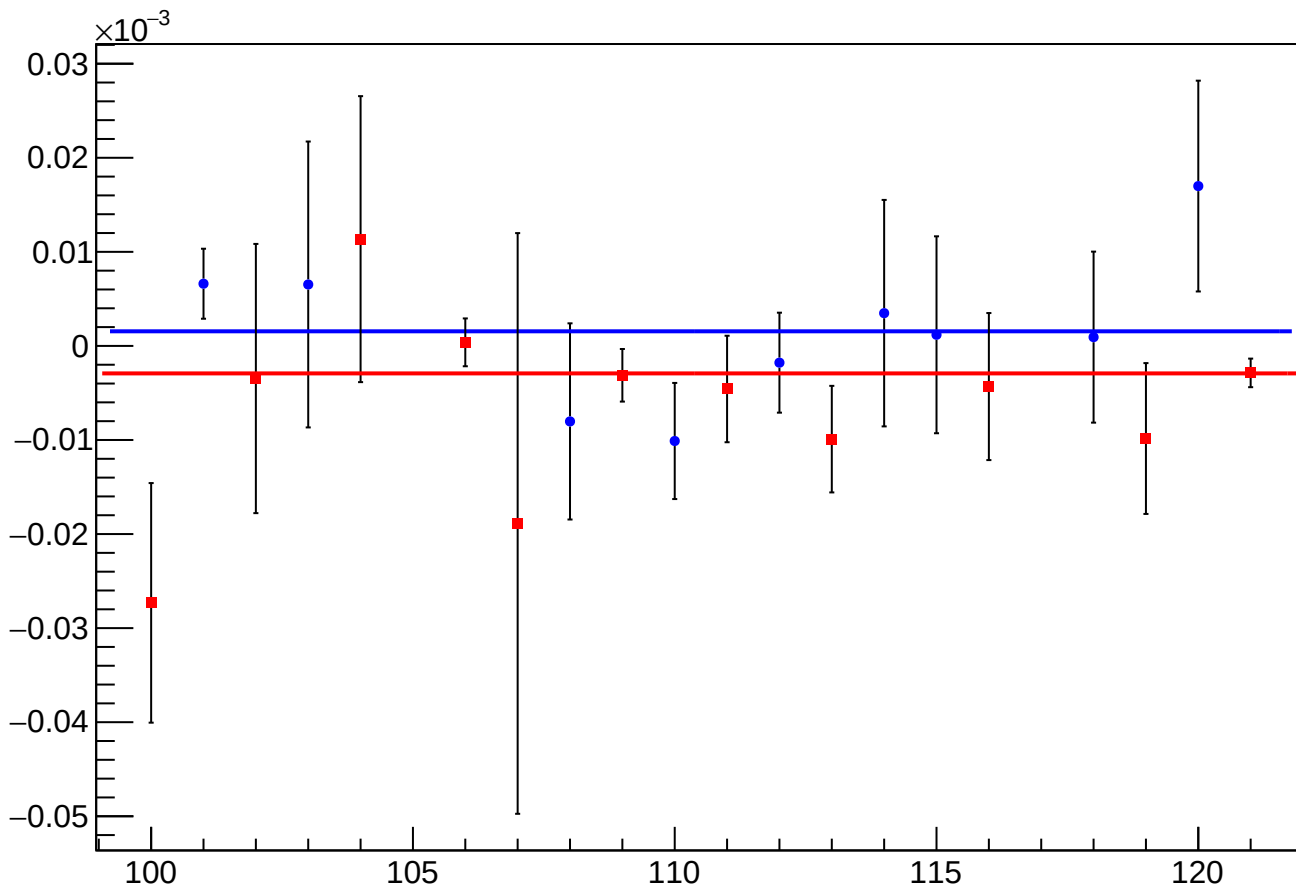
Right: 41.702+/-0.013 χ^2/NDF : 3074502.7/19

In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.702+/-0.013 χ^2/NDF : 3074502.7/19

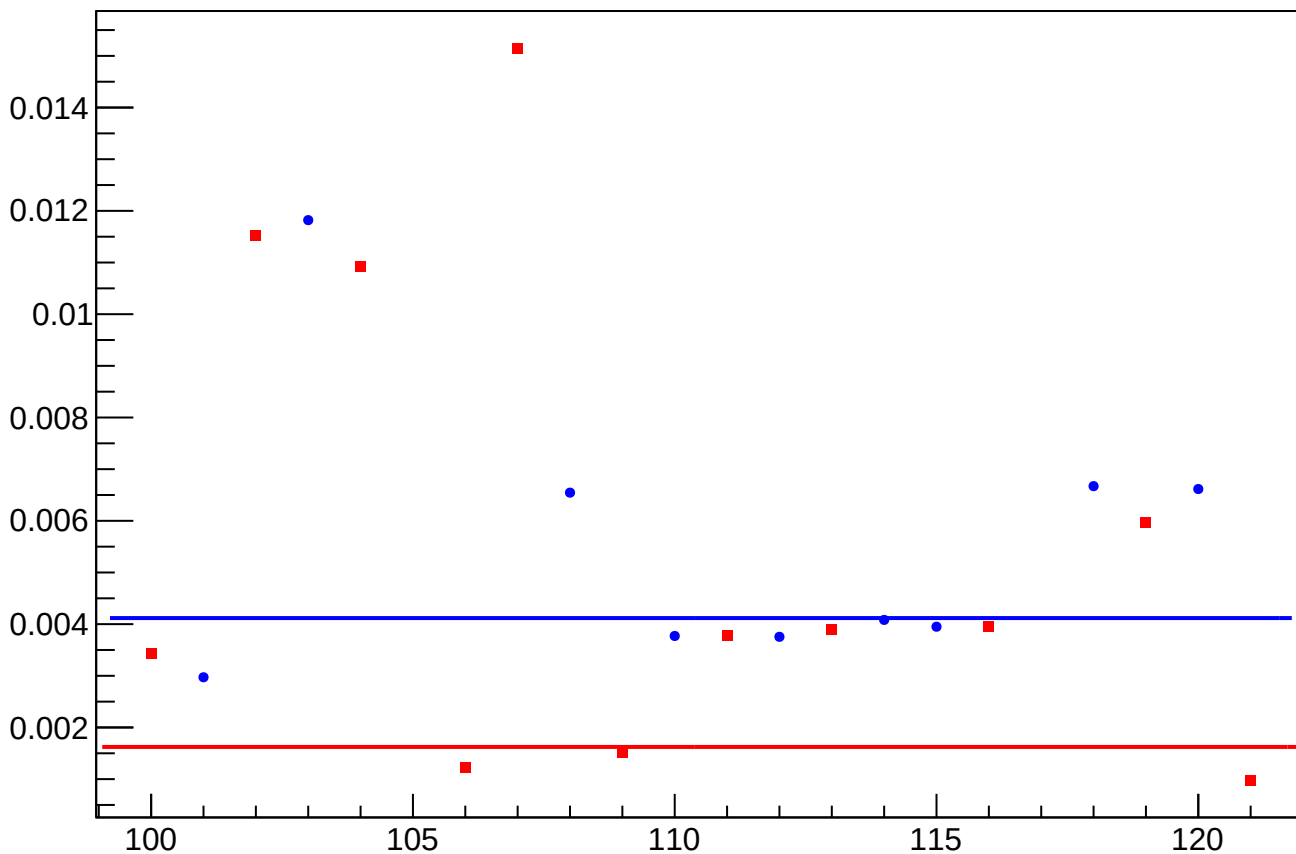
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 20.6/19
 In: 0.000+/-0.000 χ^2/NDF : 8.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 20.6/19

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1085423.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3929001.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

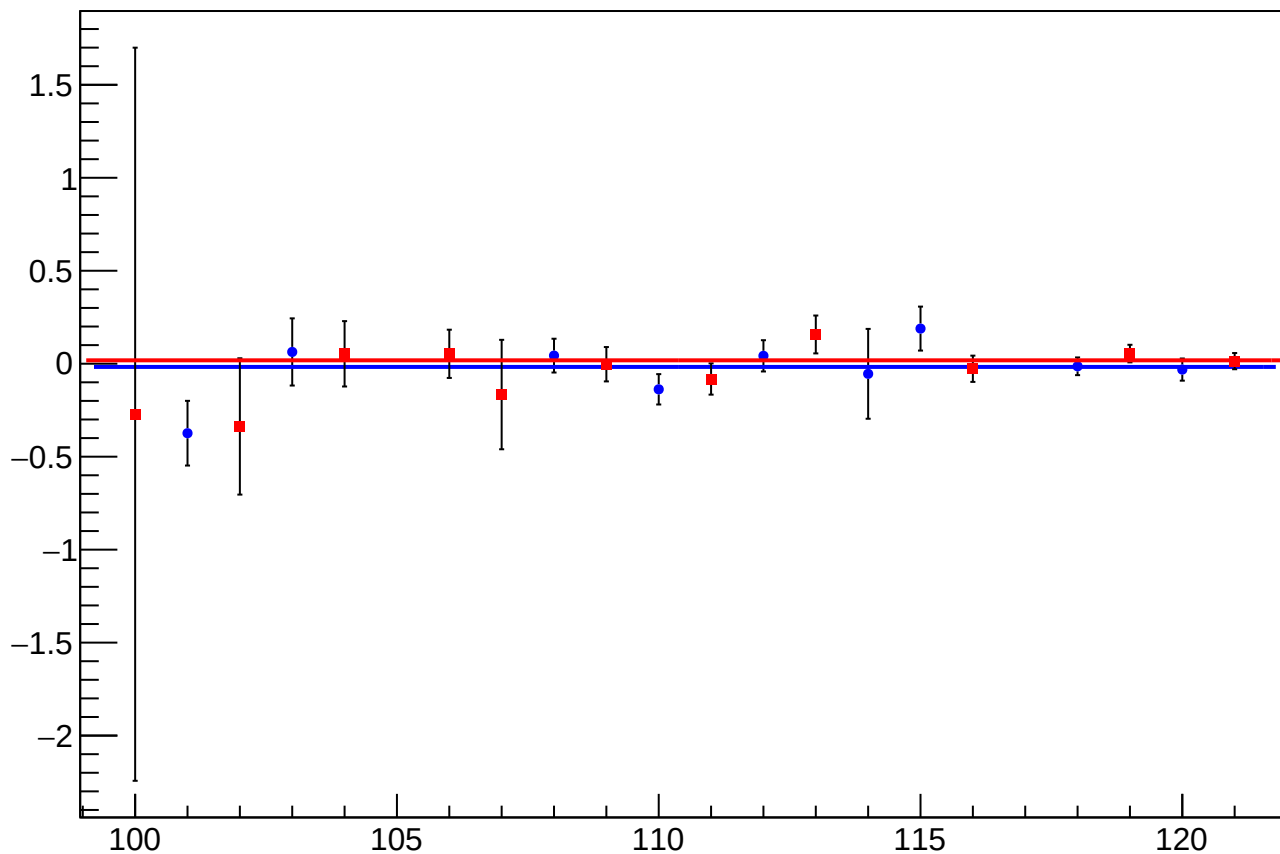
Right: 0.002+/-0.000 χ^2/NDF : 6883828.6/19

In: 0.004+/-0.000 χ^2/NDF :1085423.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6883828.6/19

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.028 χ^2/NDF : 10.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 $\pm$ 0.025 χ^2/NDF : 5.8/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

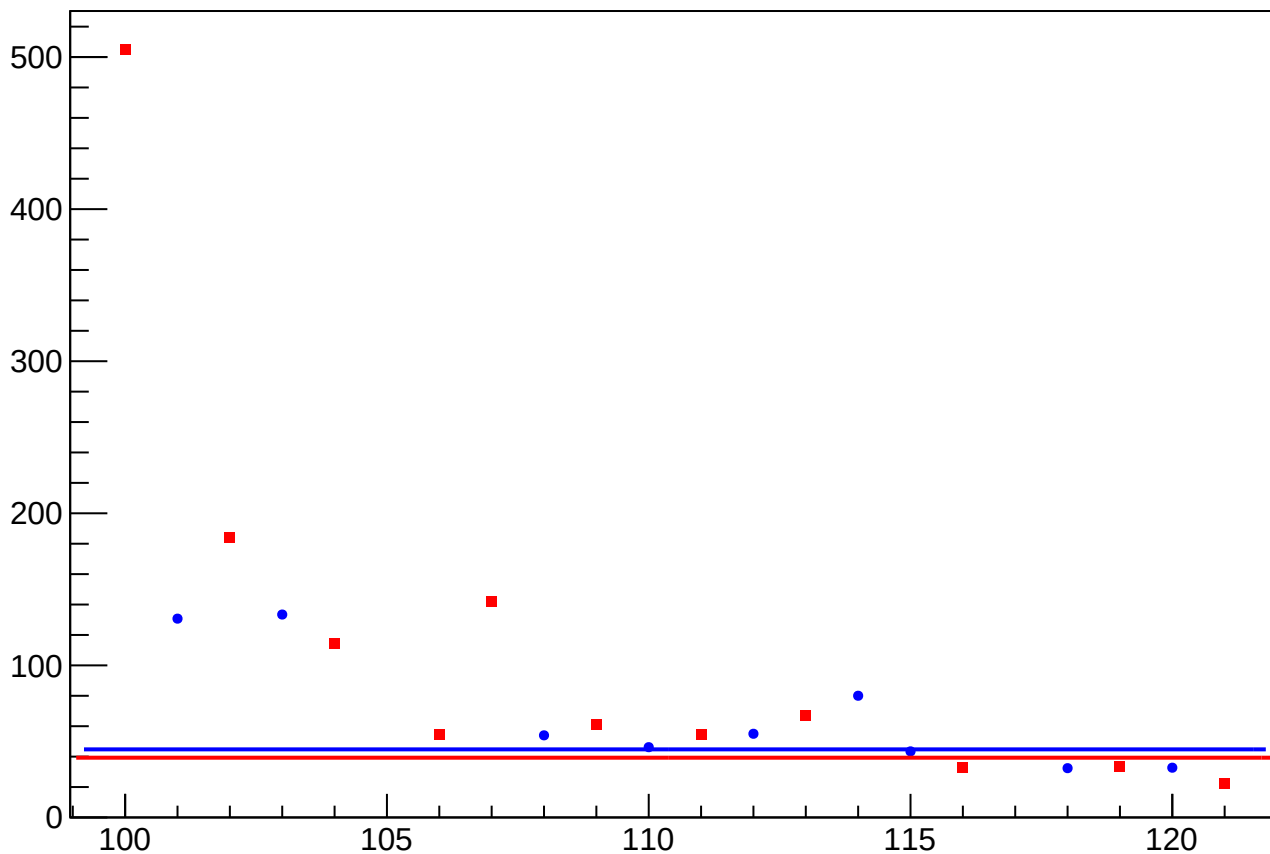
Right: 0.003 $\pm$ 0.018 χ^2/NDF : 17.4/19

In: -0.017 $\pm$ 0.028 χ^2/NDF : 10.6/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.003 $\pm$ 0.018 χ^2/NDF : 17.4/19

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750843.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

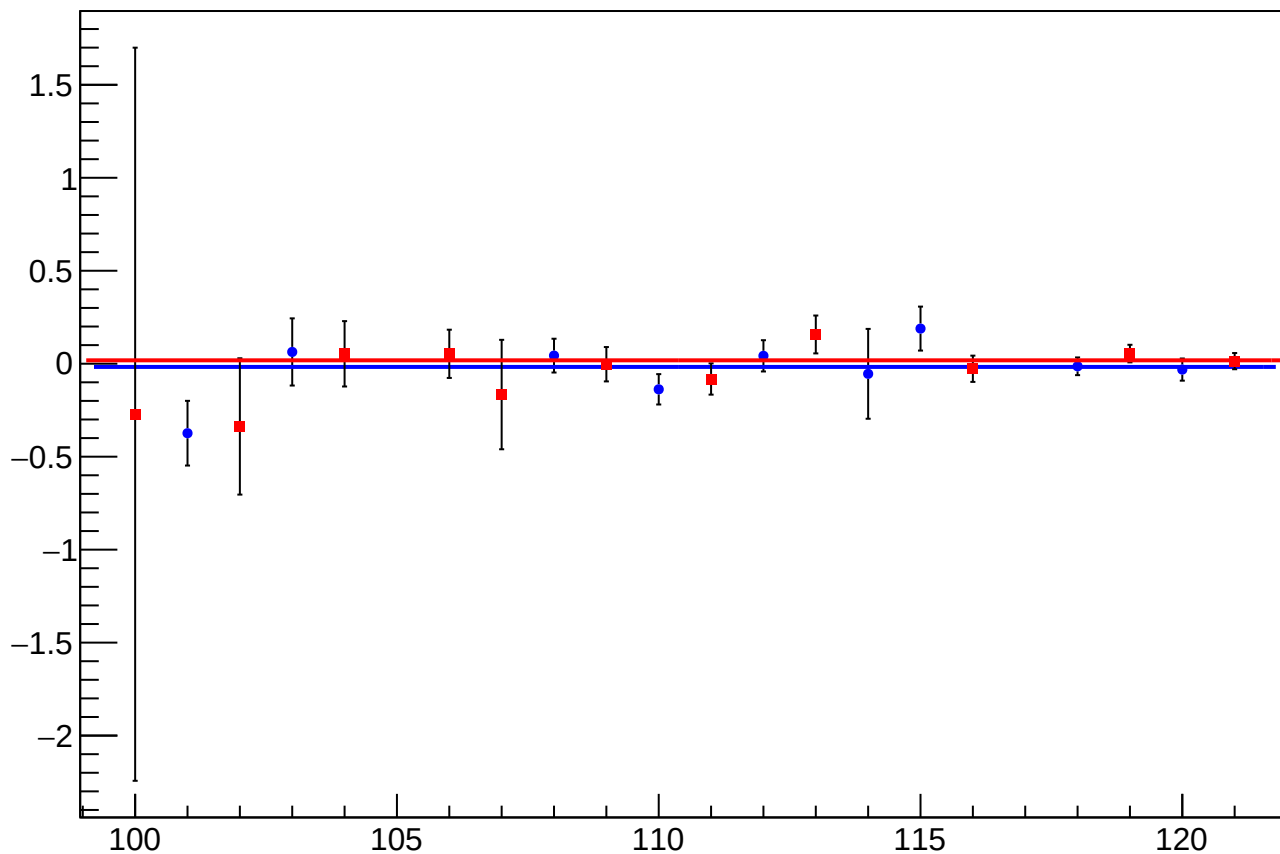
Right: 41.702+/-0.013 χ^2/NDF : 3074334.7/19

In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.702+/-0.013 χ^2/NDF : 3074334.7/19

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.025 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

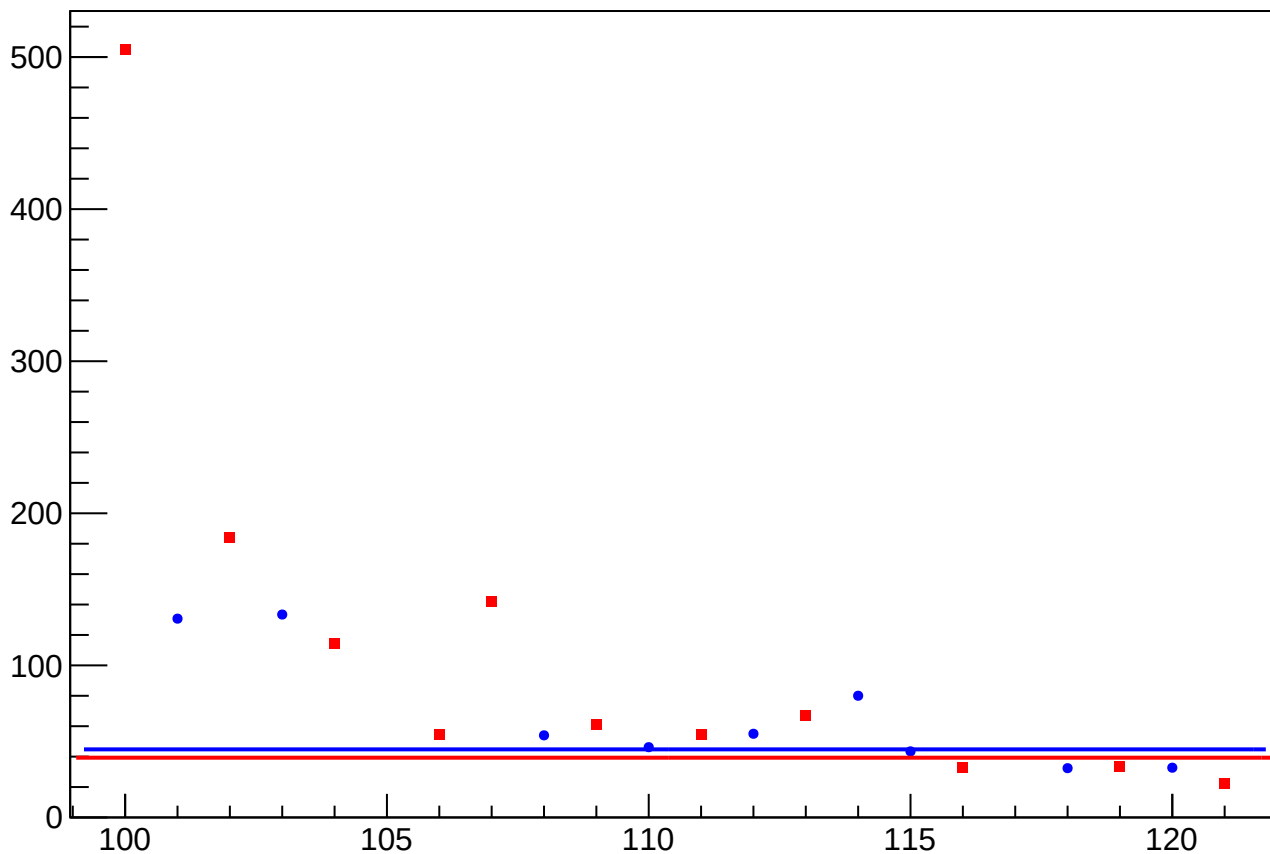
Right: 0.003+/-0.018 χ^2/NDF : 17.4/19

In: -0.017+/-0.028 χ^2/NDF :10.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.018 χ^2/NDF : 17.4/19

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750843.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

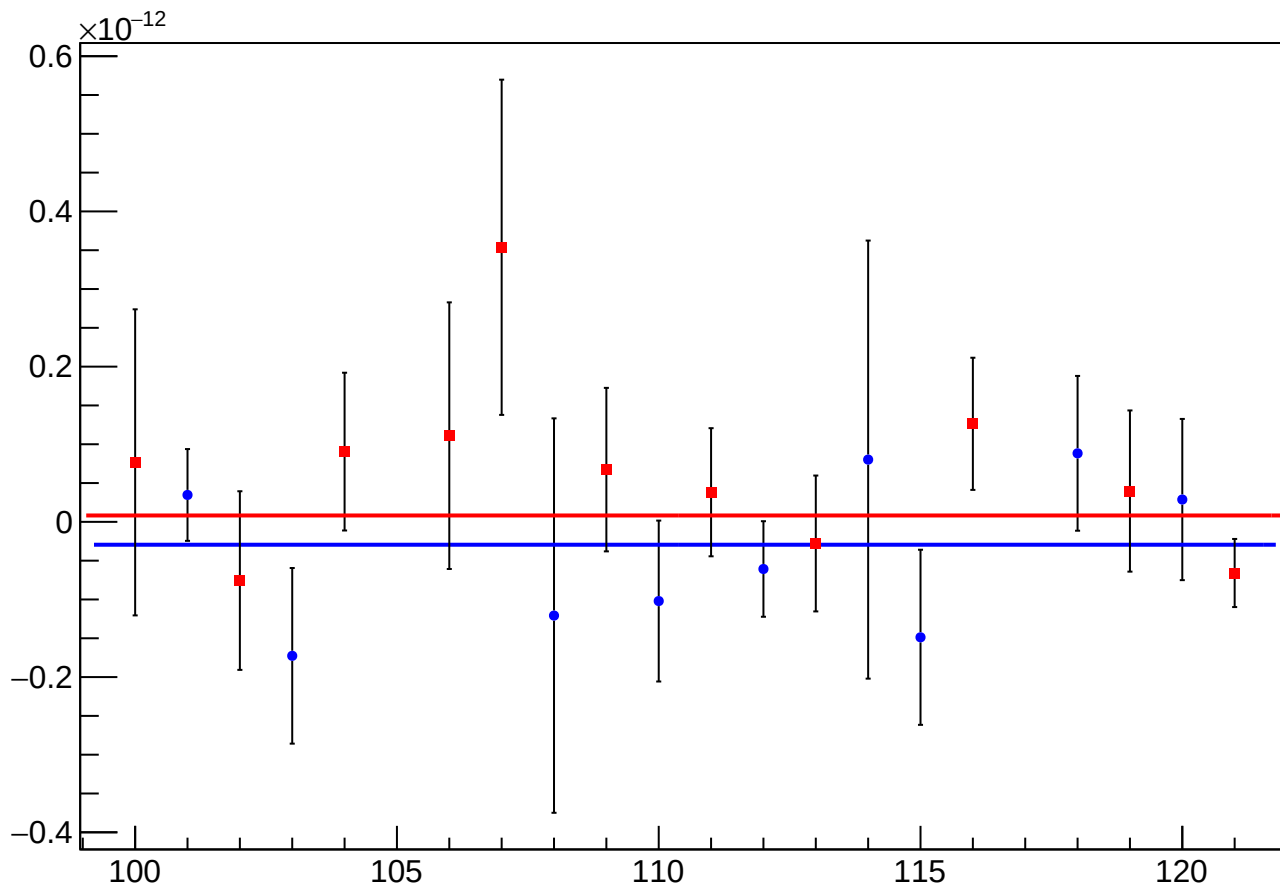
Right: 41.702+/-0.013 χ^2/NDF : 3074334.7/19

In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.702+/-0.013 χ^2/NDF : 3074334.7/19

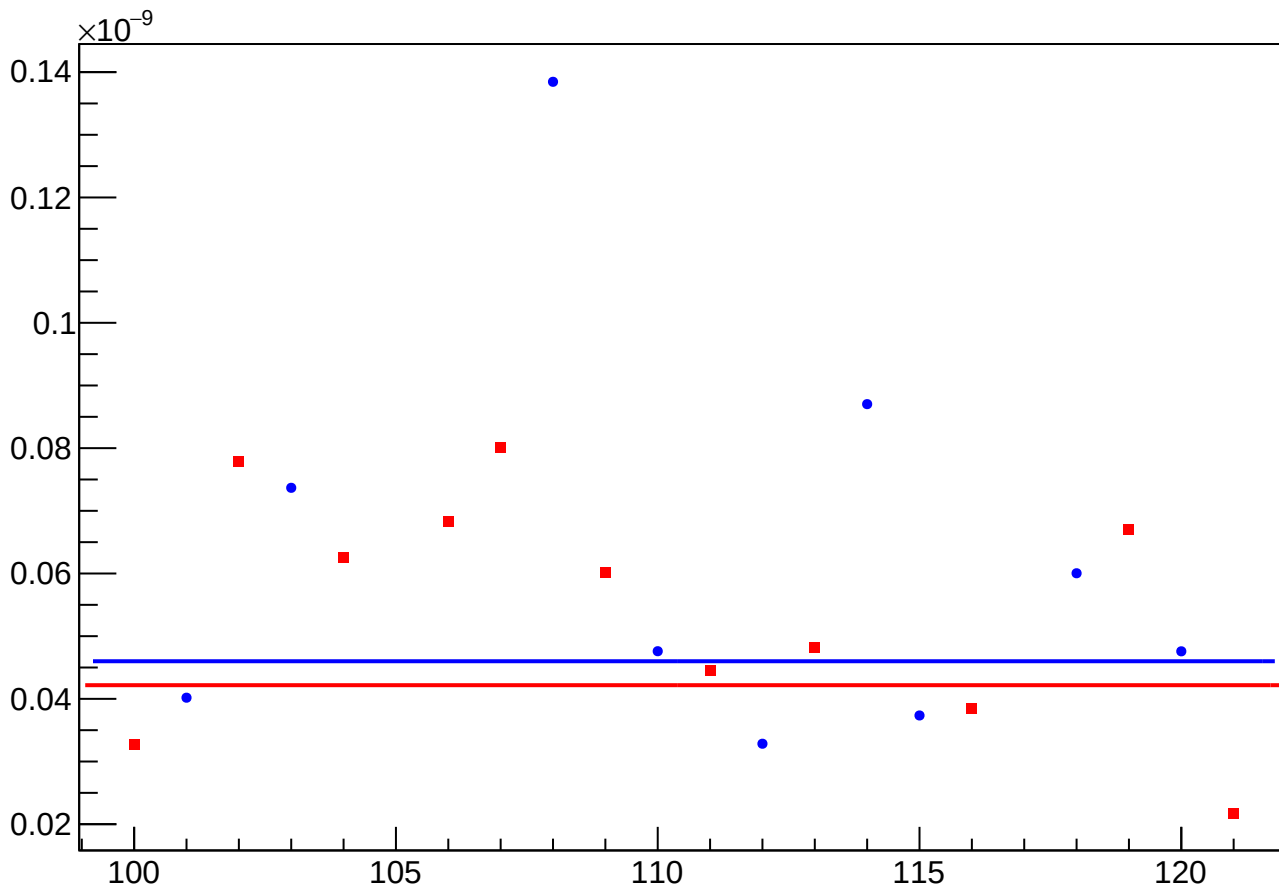
asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.6/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 9.7/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 17.2/19
 In: -0.000+/-0.000 χ^2 /NDF:6.6/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 17.2/19

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 : 589742.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1007853.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

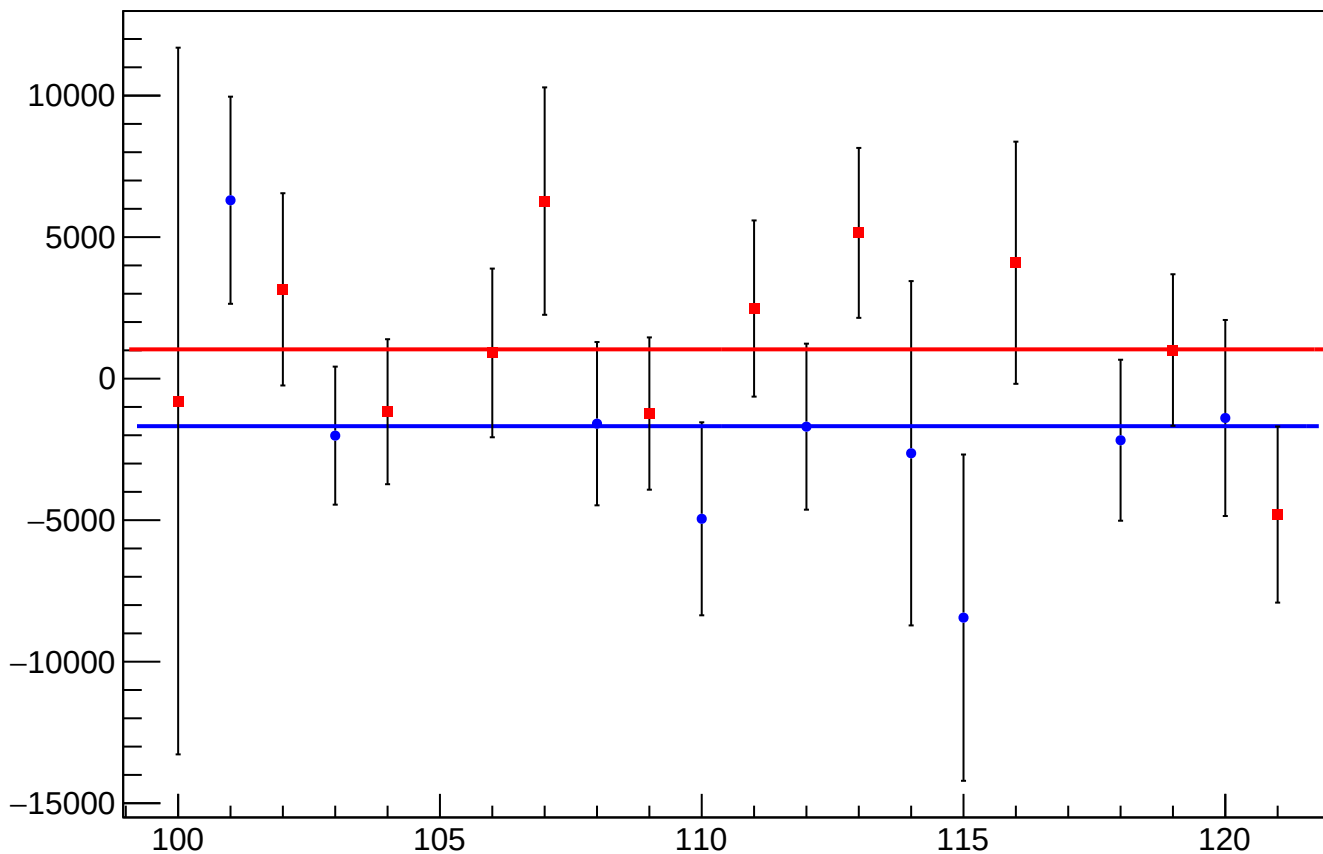
Right: 0.000+/-0.000 χ^2/NDF : 1614679.1/19

In: 0.000+/-0.000 χ^2/NDF : 589742.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1614679.1/19

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1679.042 $\pm$ 1098.003 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1034.866 $\pm$ 966.793 χ^2 /NDF: 9.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

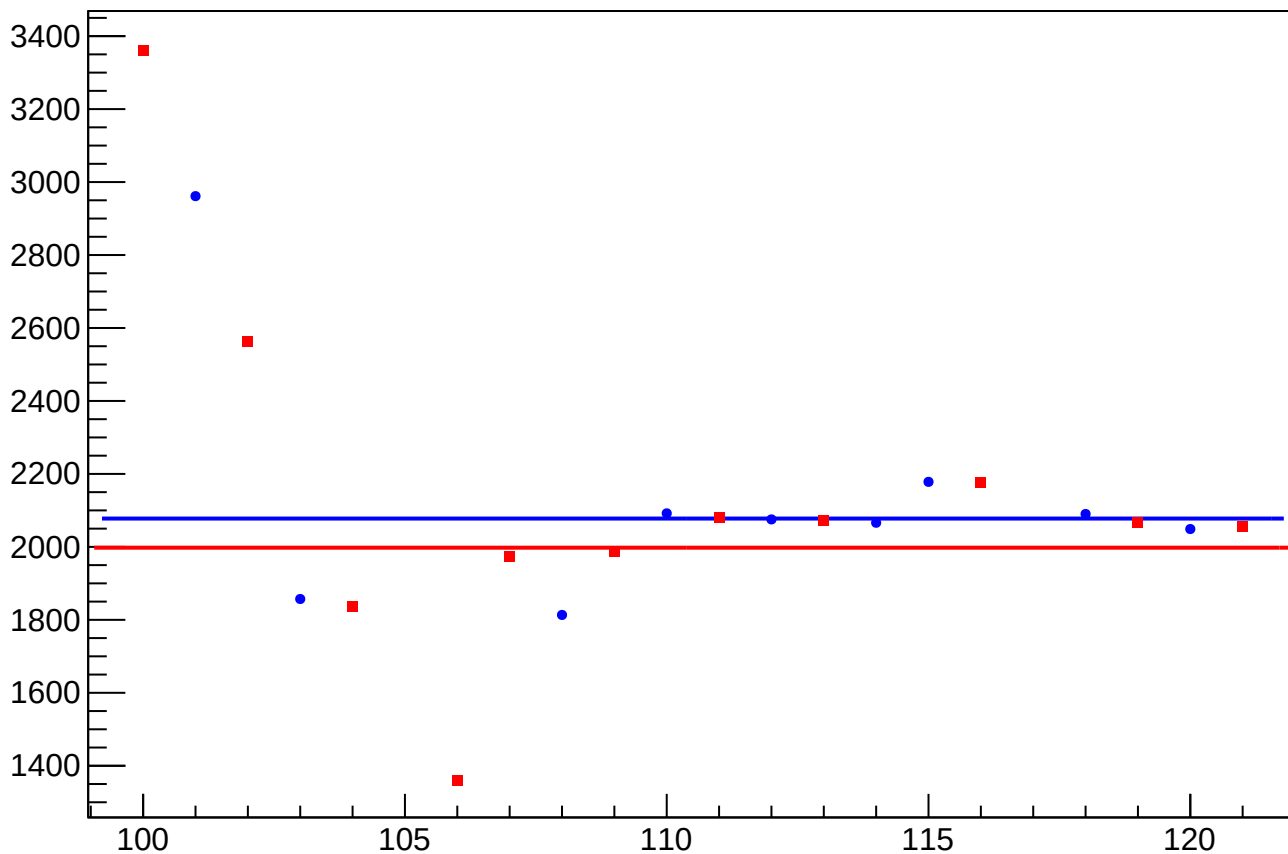
Right: -150.322 $\pm$ 725.604 χ^2 /NDF: 20.3/19

In: -1679.042 $\pm$ 1098.003 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -150.322 $\pm$ 725.604 χ^2 /NDF: 20.3/19

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.651+/-0.776 χ^2/NDF : 150619.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1997.791+/-0.684 χ^2/NDF : 186534.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

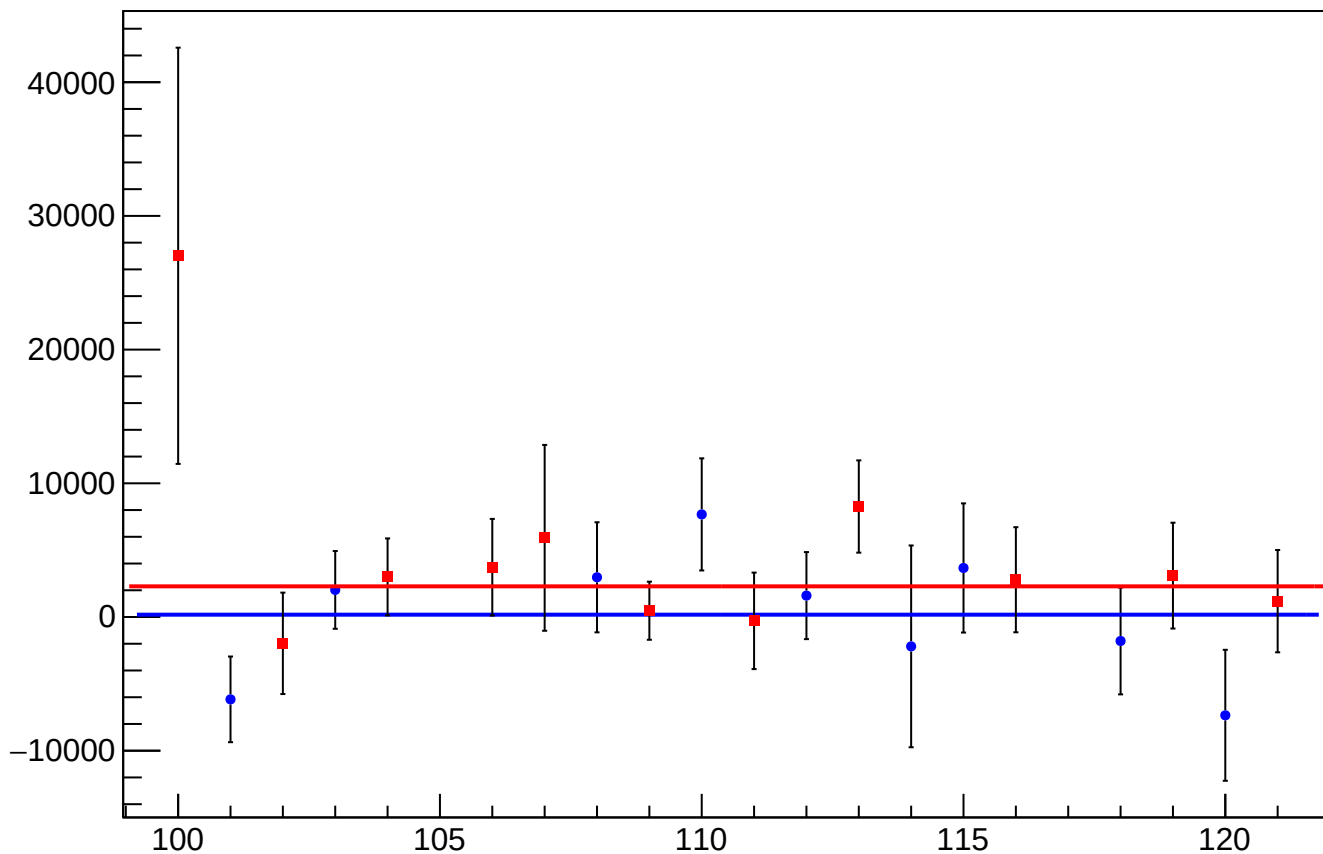
Right: 2032.666+/-0.513 χ^2/NDF : 343113.4/19

In: 2077.651+/-0.776 χ^2/NDF : 150619.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.666+/-0.513 χ^2/NDF : 343113.4/19

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 173.462+/-1301.143 χ^2/NDF : 11.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2293.249+/-1077.415 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

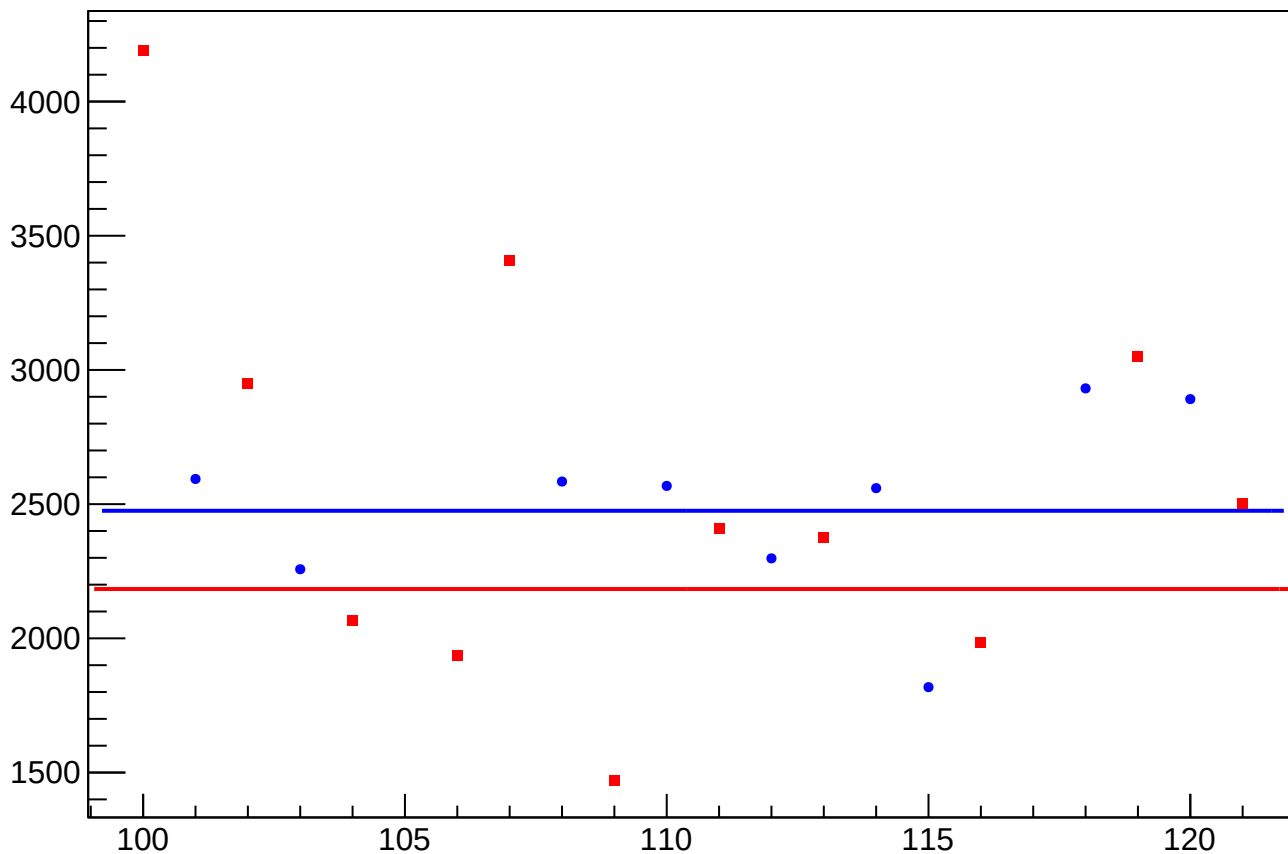
Right: 1430.995+/-829.844 χ^2/NDF : 21.6/19

In: 173.462+/-1301.143 χ^2/NDF : 11.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1430.995+/-829.844 χ^2/NDF : 21.6/19

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2475.292+/-0.920 χ^2/NDF : 100013.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2183.810+/-0.762 χ^2/NDF : 533967.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

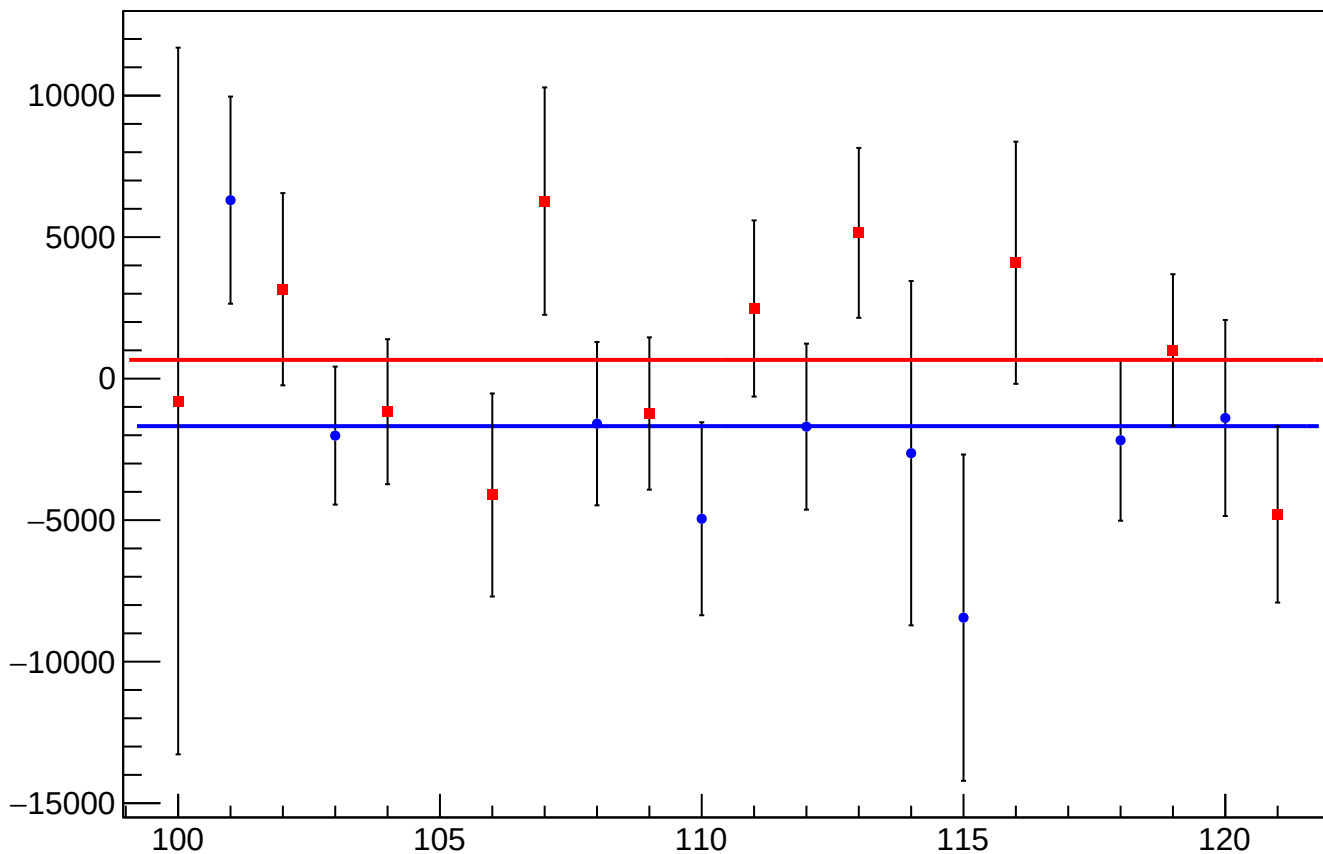
Right: 2302.374+/-0.587 χ^2/NDF : 693523.2/19

In: 2475.292+/-0.920 χ^2/NDF : 100013.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.374+/-0.587 χ^2/NDF : 693523.2/19

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1678.866 $\pm$ 1098.003 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 662.663 $\pm$ 982.960 χ^2 /NDF: 11.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

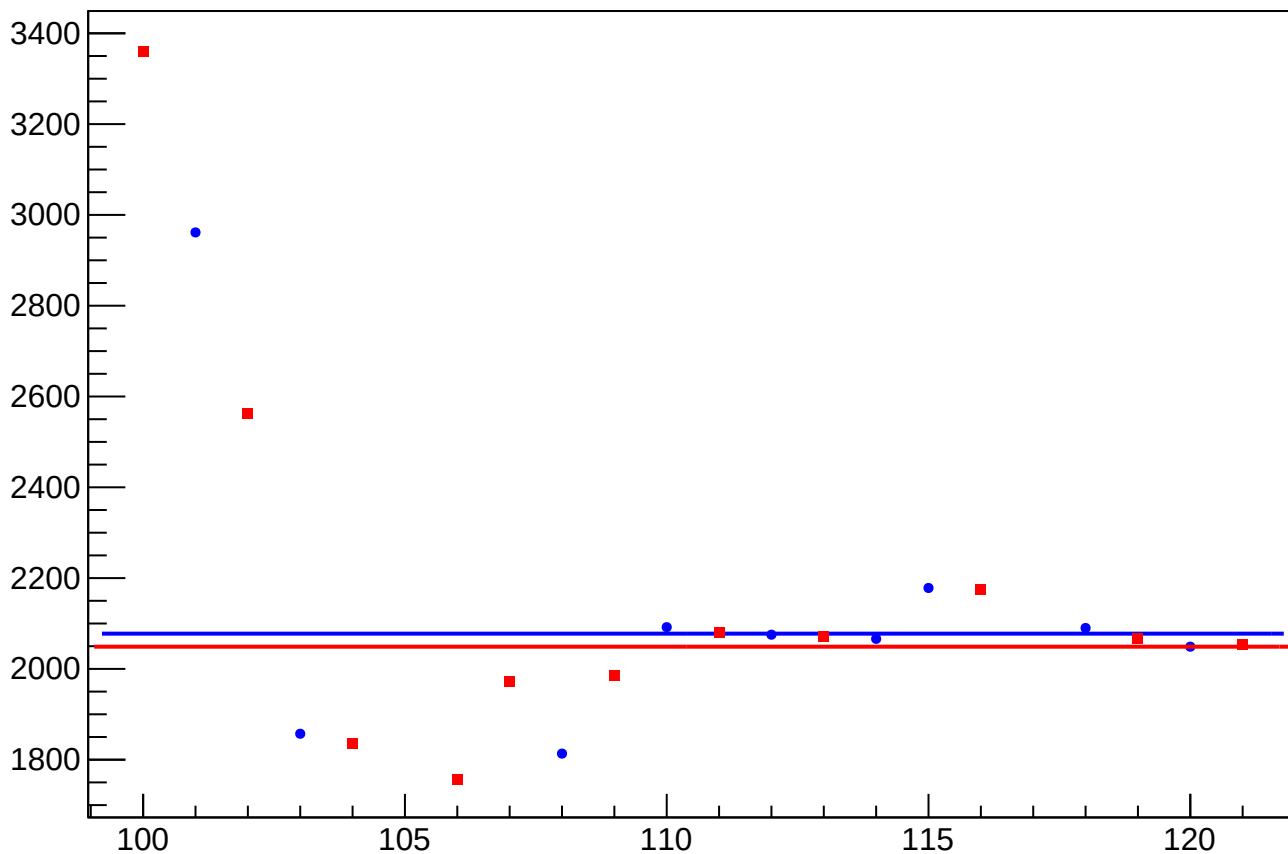
Right: -379.047 $\pm$ 732.365 χ^2 /NDF: 21.3/19

In: -1678.866 $\pm$ 1098.003 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -379.047 $\pm$ 732.365 χ^2 /NDF: 21.3/19

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.942+/-0.695 χ^2/NDF : 98835.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

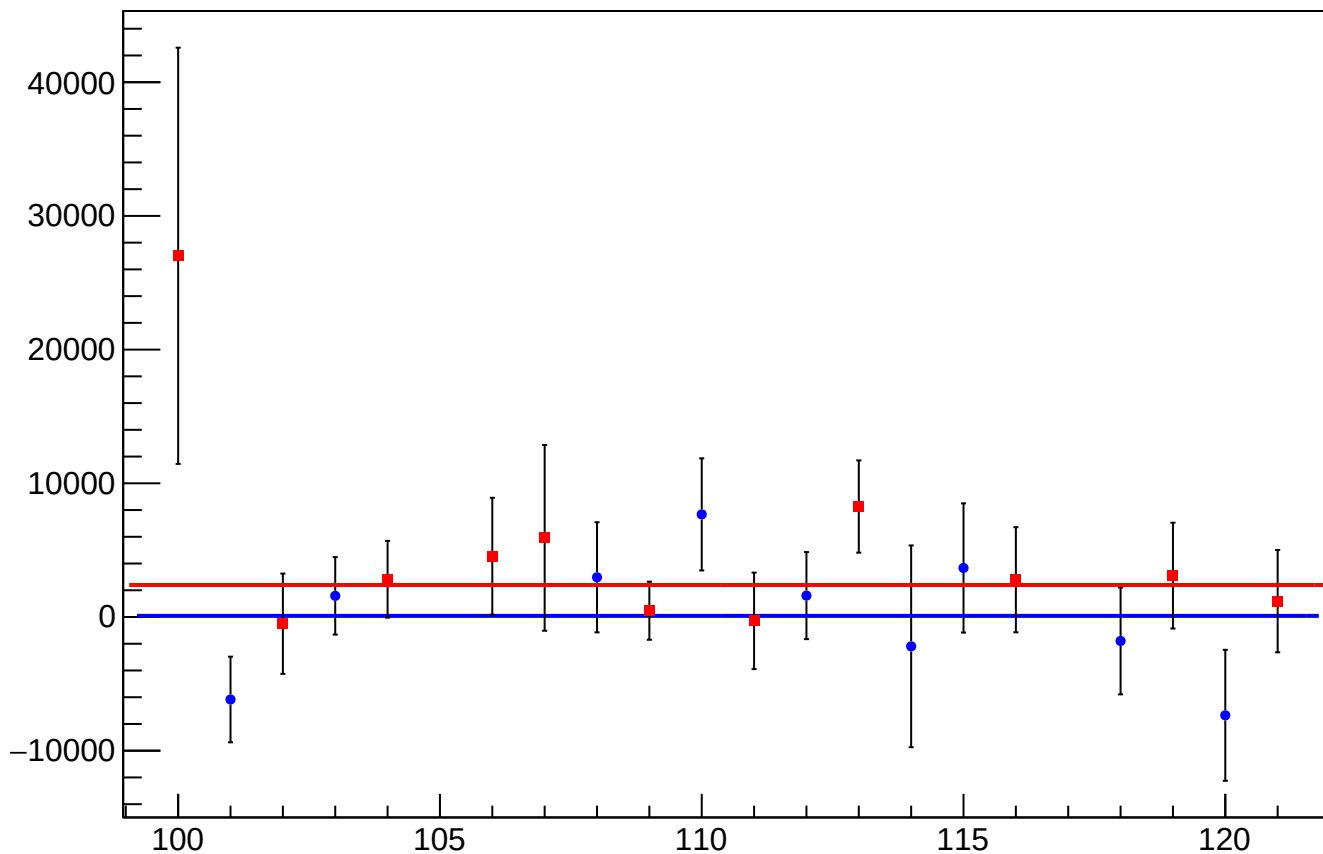
Right: 2061.714+/-0.518 χ^2/NDF : 250214.3/19

In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.714+/-0.518 χ^2/NDF : 250214.3/19

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2394.353+/-1091.539 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

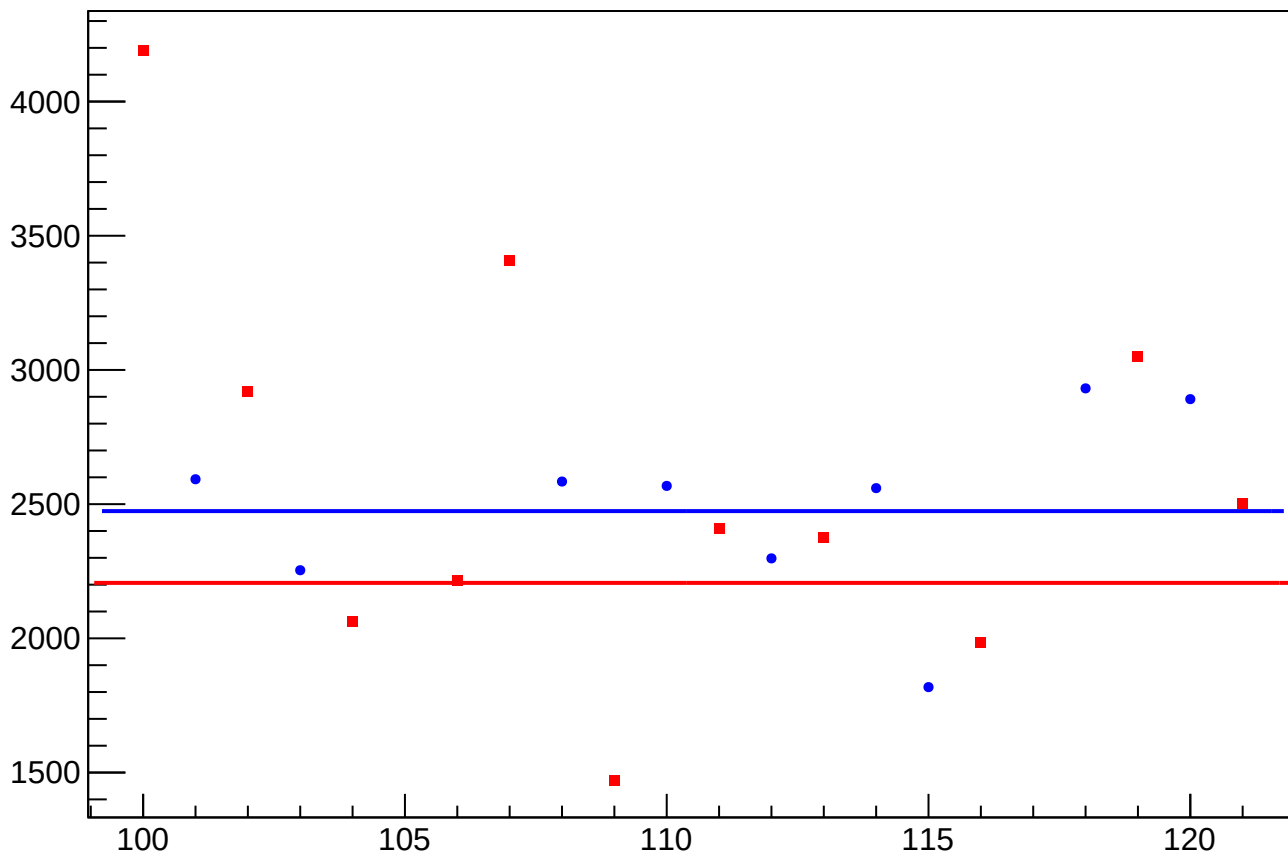
Right: 1439.274+/-835.979 χ^2/NDF : 21.1/19

In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.274+/-835.979 χ^2/NDF : 21.1/19

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2474.096 $\pm$ 0.919 χ^2 /NDF: 100413.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2206.623 $\pm$ 0.772 χ^2 /NDF: 519677.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

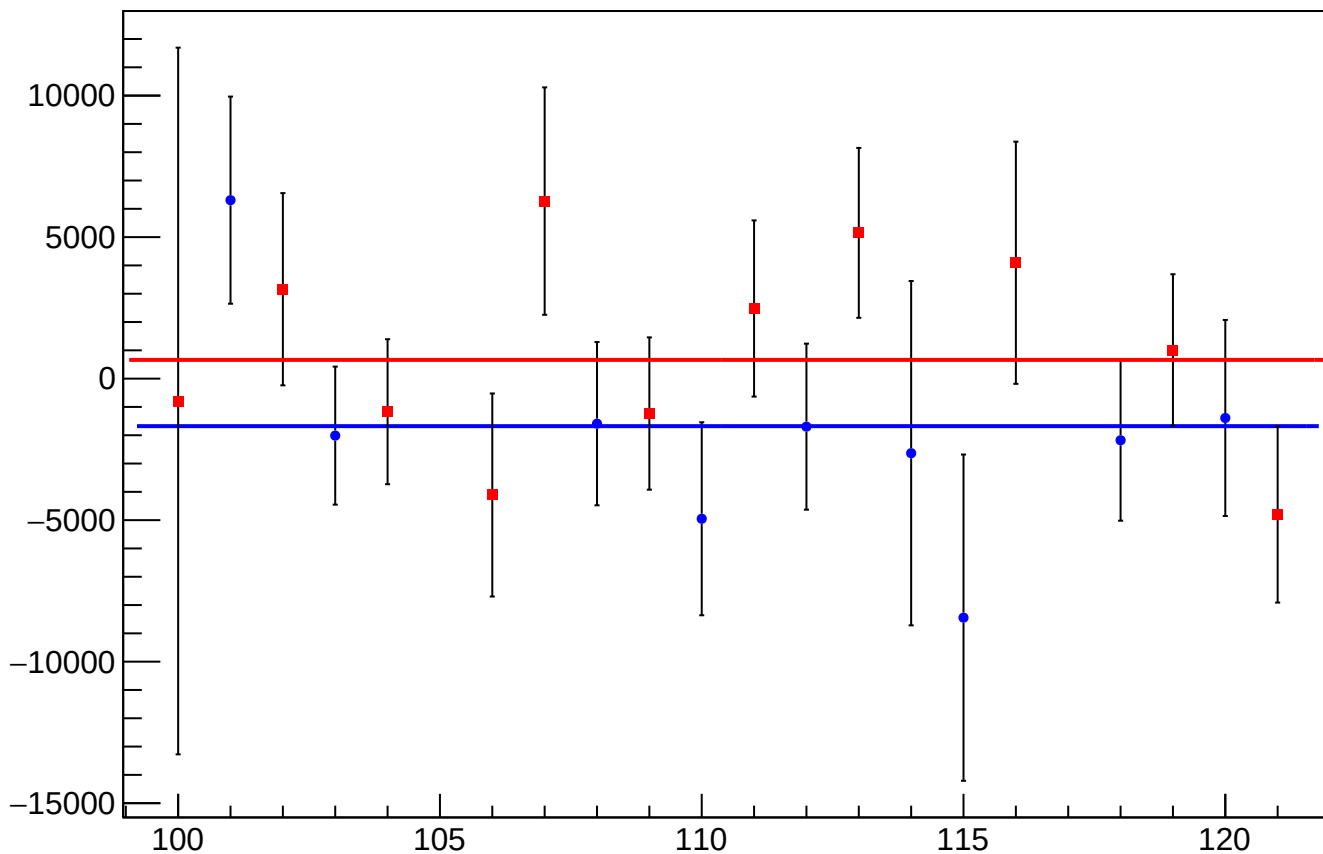
Right: 2317.207 $\pm$ 0.591 χ^2 /NDF: 669741.0/19

In: 2474.096 $\pm$ 0.919 χ^2 /NDF:100413.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2317.207 $\pm$ 0.591 χ^2 /NDF: 669741.0/19

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1678.866+/-1098.003 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.663+/-982.960 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

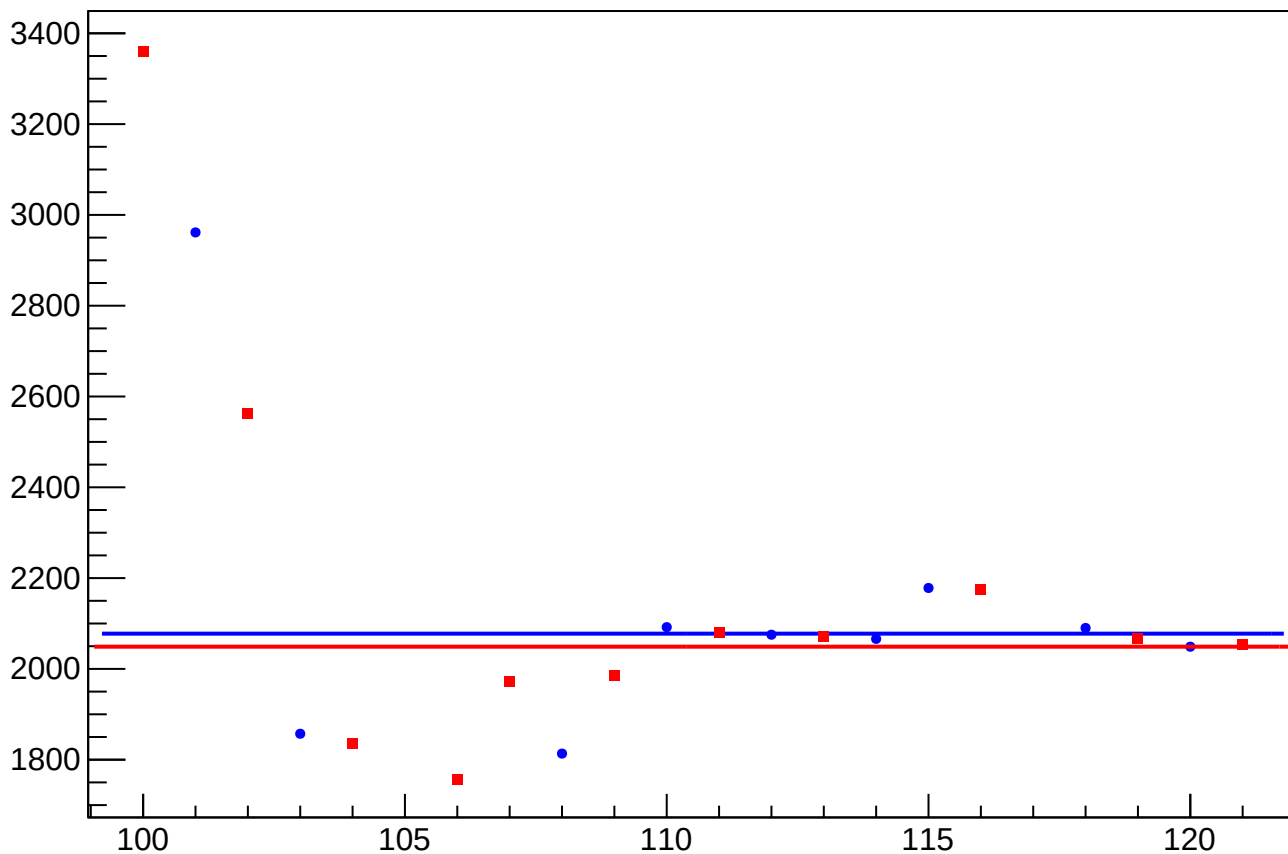
Right: -379.047+/-732.365 χ^2/NDF : 21.3/19

In: -1678.866+/-1098.003 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.047+/-732.365 χ^2/NDF : 21.3/19

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.942+/-0.695 χ^2/NDF : 98835.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

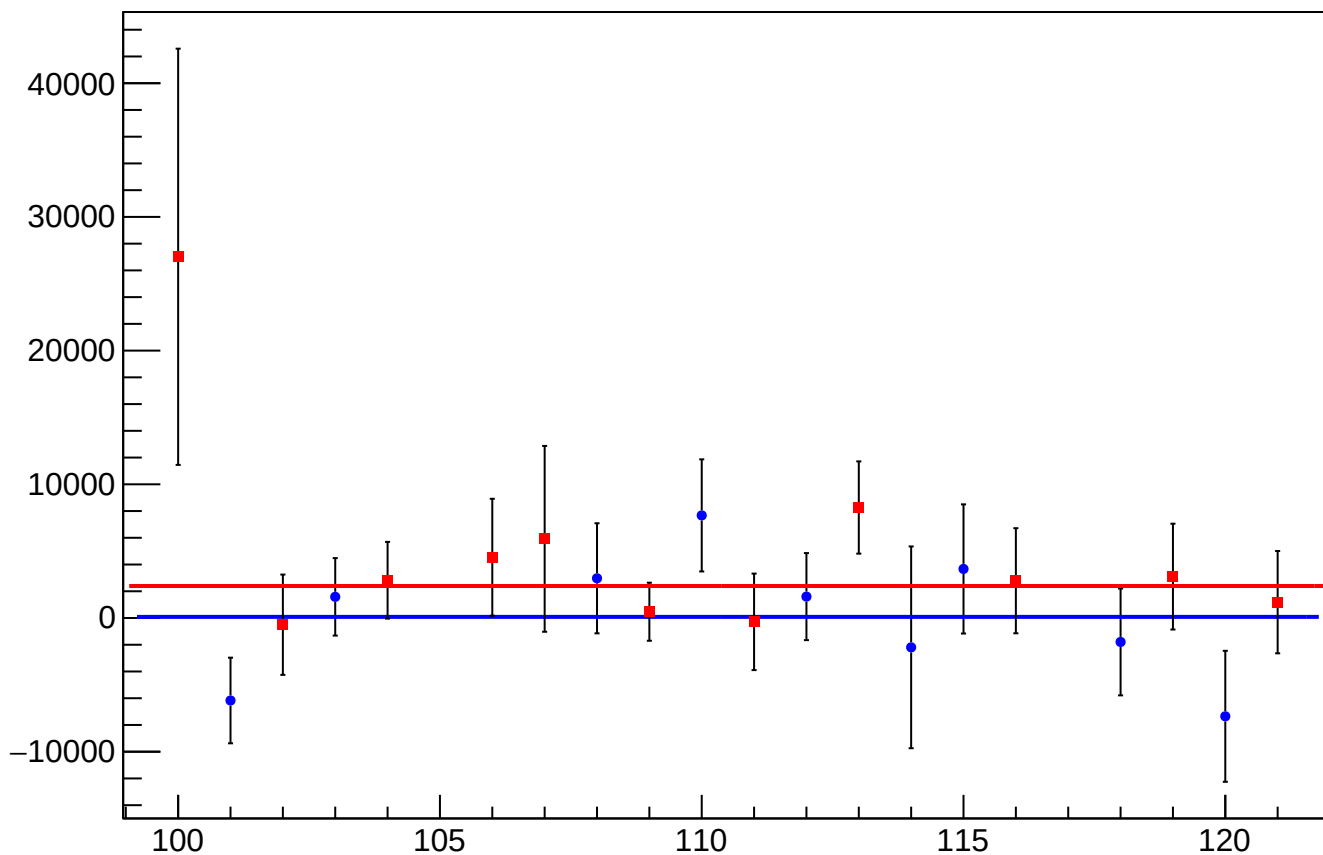
Right: 2061.714+/-0.518 χ^2/NDF : 250214.3/19

In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.714+/-0.518 χ^2/NDF : 250214.3/19

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2394.353+/-1091.539 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

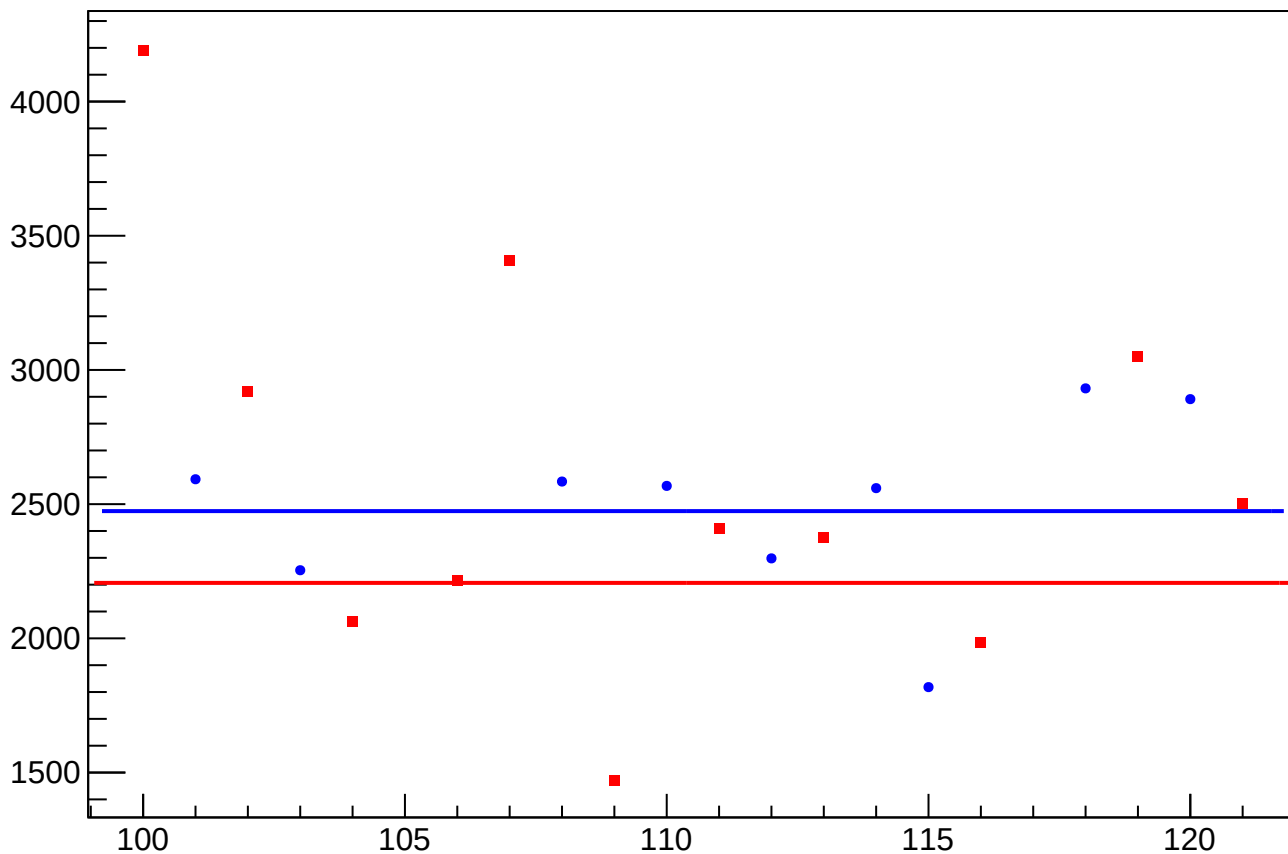
Right: 1439.274+/-835.979 χ^2/NDF : 21.1/19

In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.274+/-835.979 χ^2/NDF : 21.1/19

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2474.096+/-0.919 χ^2/NDF : 100413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2206.623+/-0.772 χ^2/NDF : 519677.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

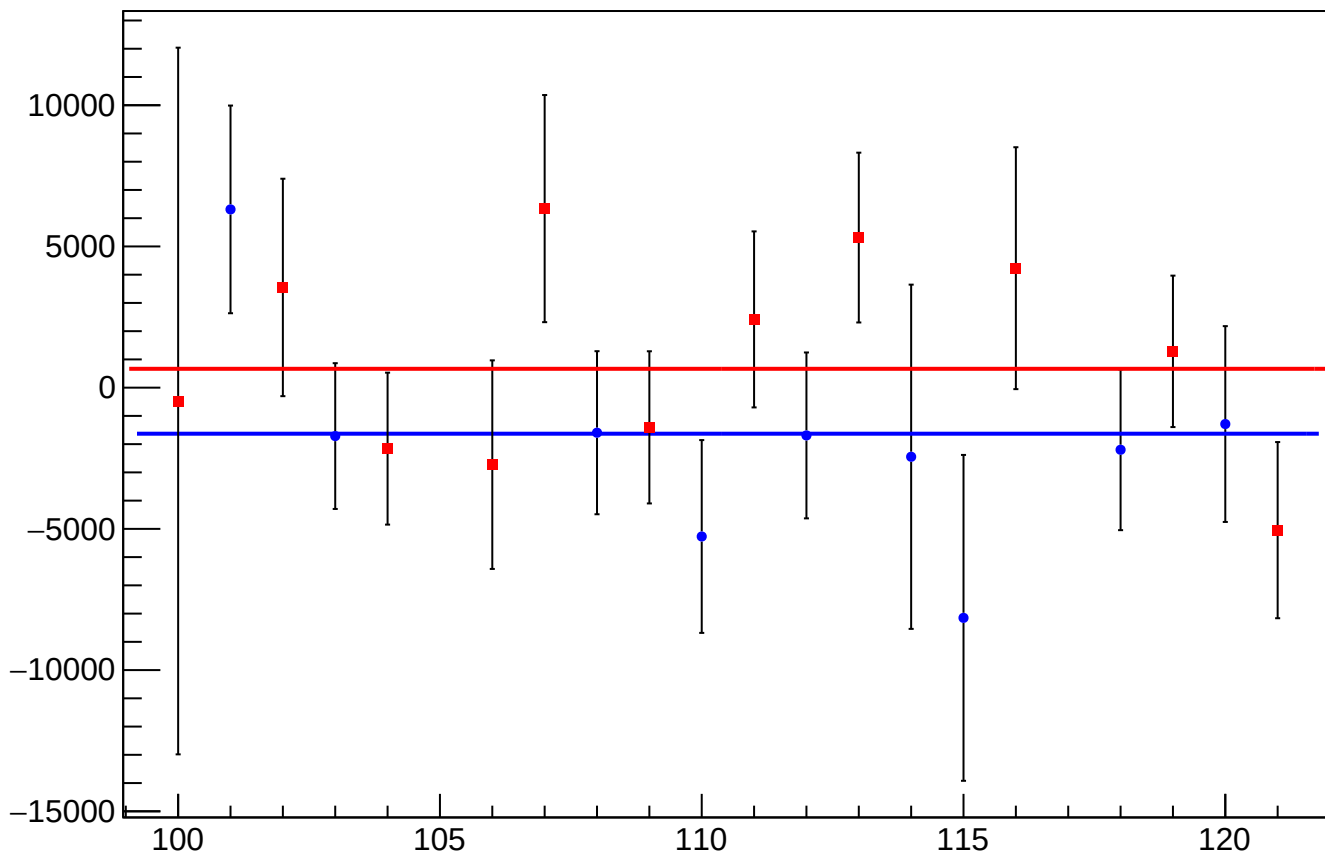
Right: 2317.207+/-0.591 χ^2/NDF : 669741.0/19

In: 2474.096+/-0.919 χ^2/NDF : 100413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2317.207+/-0.591 χ^2/NDF : 669741.0/19

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1630.409+/-1111.467 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.458+/-1002.429 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

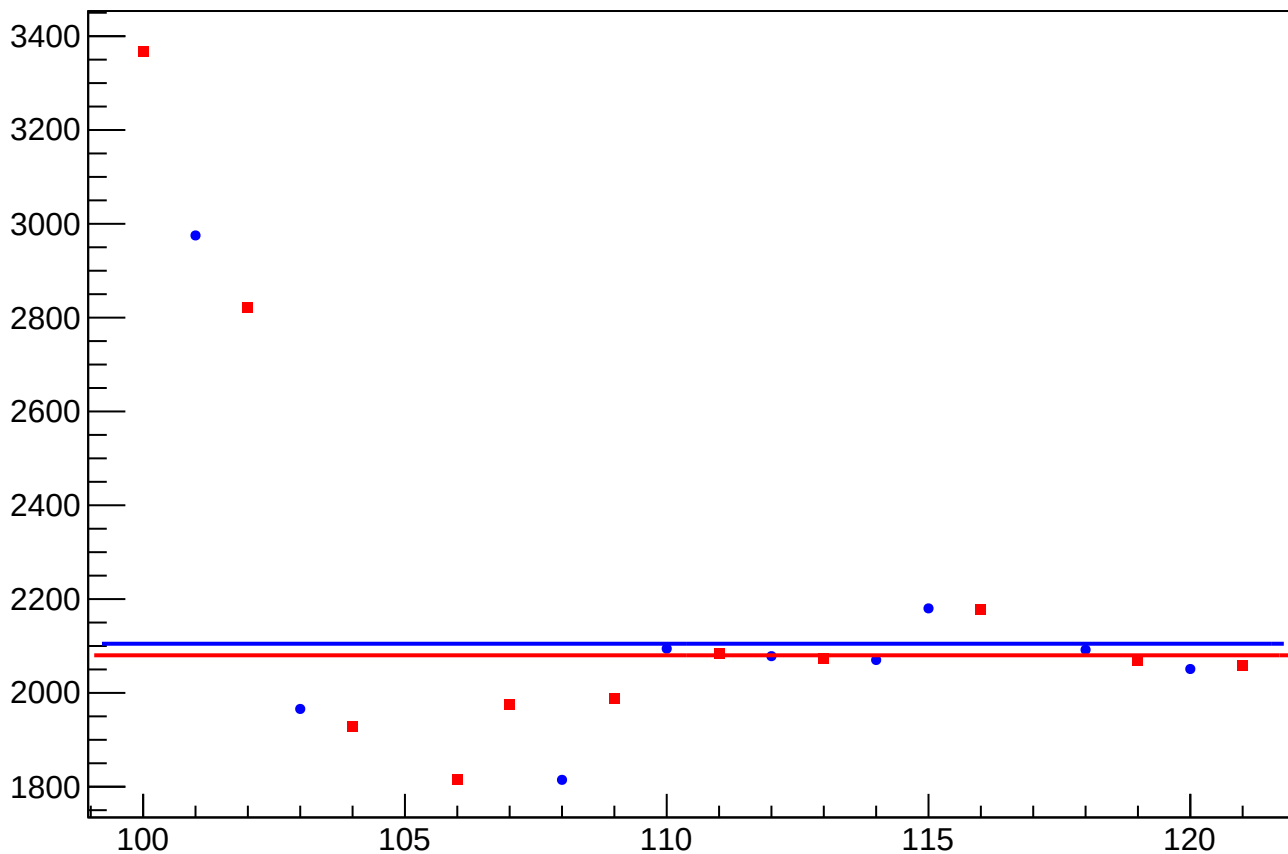
Right: -363.263+/-744.397 χ^2/NDF : 21.4/19

In: -1630.409+/-1111.467 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.263+/-744.397 χ^2/NDF : 21.4/19

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2080.168+/-0.709 χ^2/NDF : 116797.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

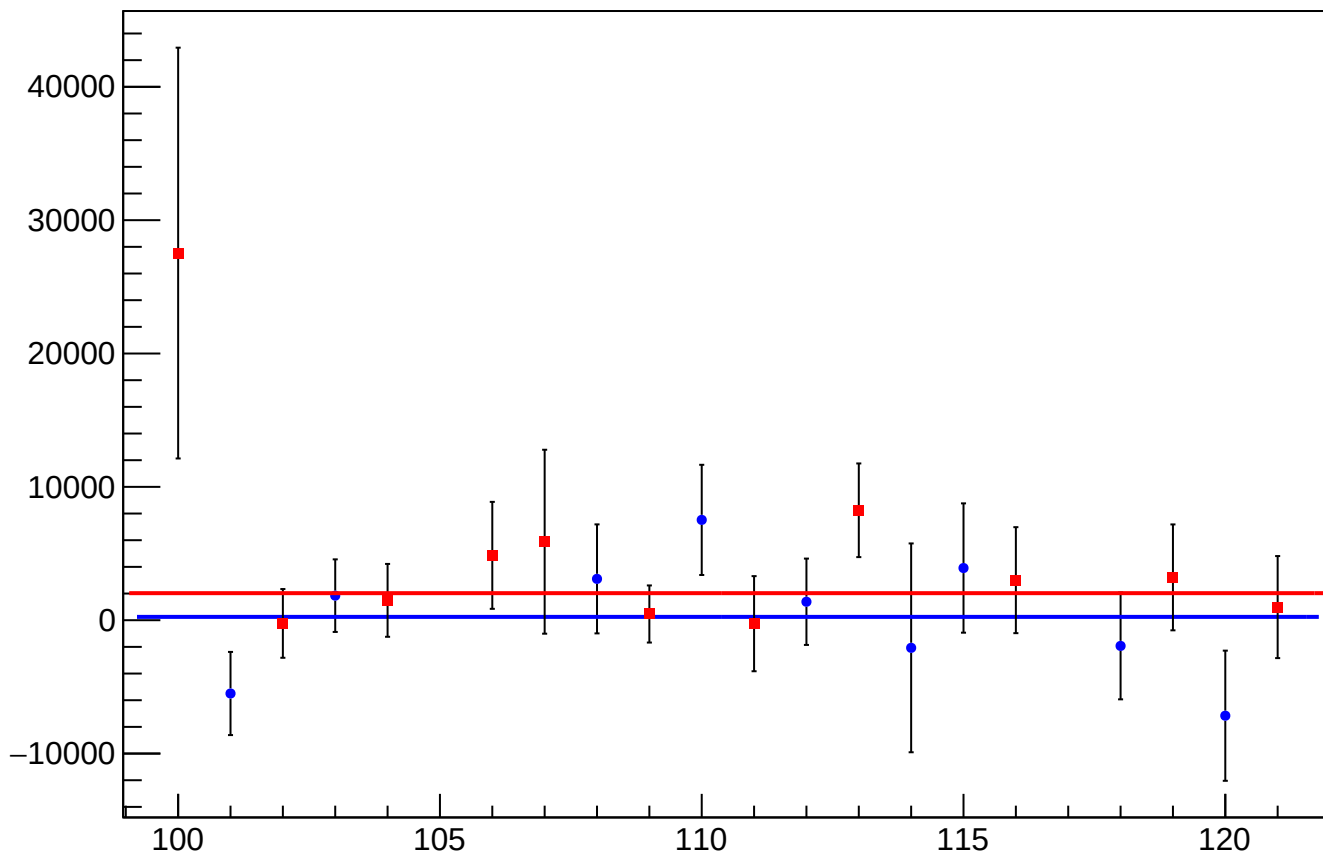
Right: 2091.225+/-0.526 χ^2/NDF : 256537.2/19

In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2091.225+/-0.526 χ^2/NDF : 256537.2/19

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.758+/-1275.364 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2028.642+/-1028.969 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

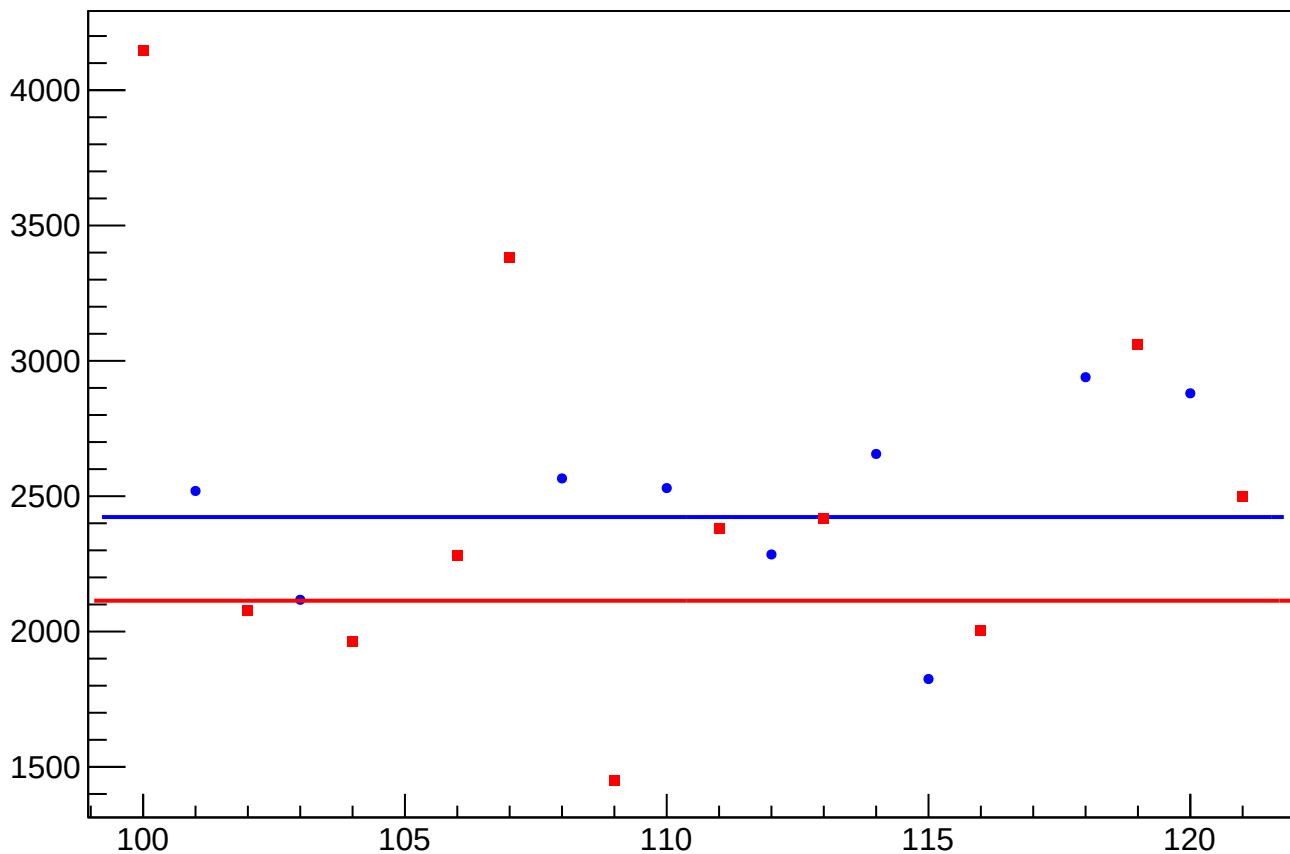
Right: 1327.260+/-800.825 χ^2/NDF : 20.6/19

In: 249.758+/-1275.364 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1327.260+/-800.825 χ^2/NDF : 20.6/19

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2423.009+/-0.902 χ^2/NDF : 117587.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.906+/-0.728 χ^2/NDF : 466322.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

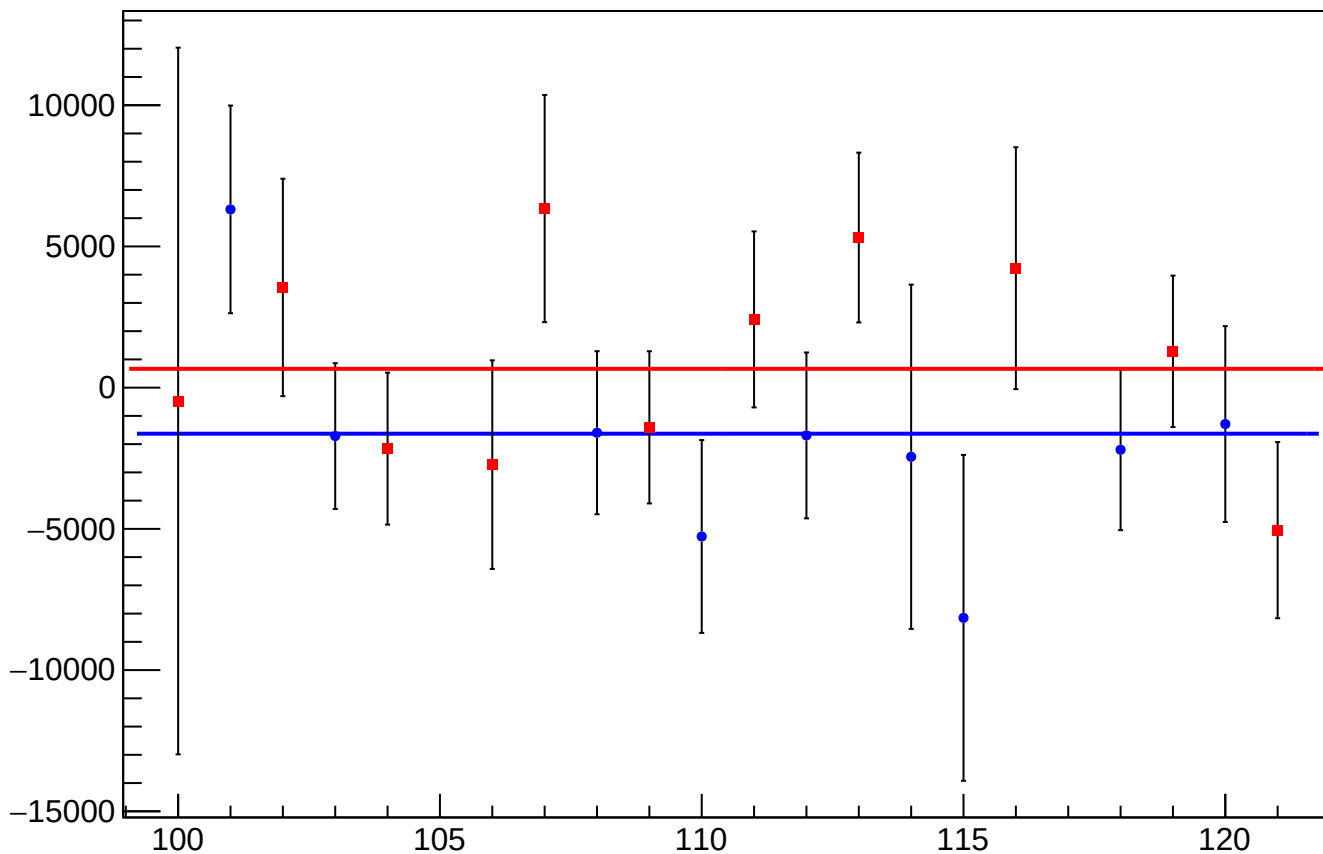
Right: 2235.780+/-0.566 χ^2/NDF : 655070.3/19

In: 2423.009+/-0.902 χ^2/NDF : 117587.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2235.780+/-0.566 χ^2/NDF : 655070.3/19

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1630.401 ± 1111.467 χ^2/NDF : 7.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 667.455 ± 1002.429 χ^2/NDF : 11.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

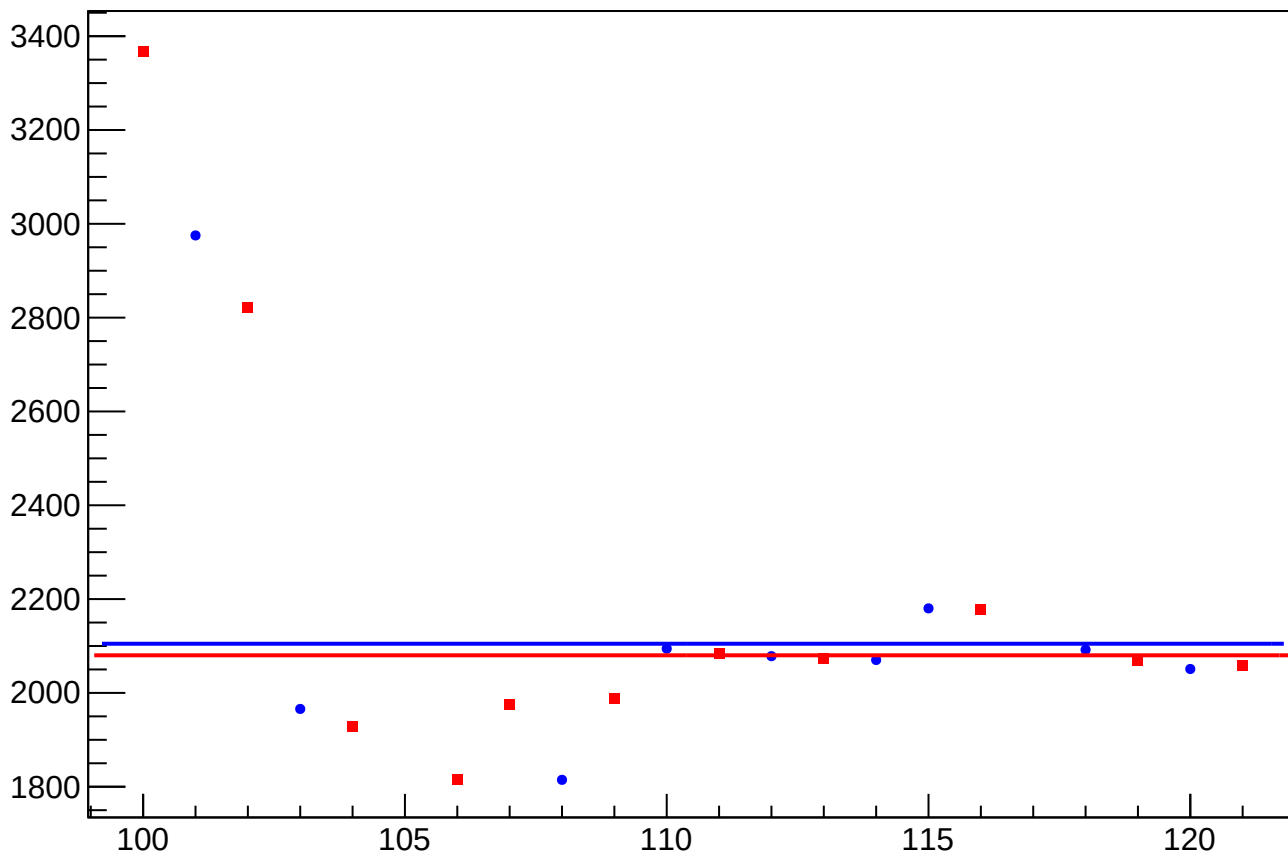
Right: -363.261 ± 744.397 χ^2/NDF : 21.4/19

In: -1630.401 ± 1111.467 χ^2/NDF : 7.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -363.261 ± 744.397 χ^2/NDF : 21.4/19

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2080.168+/-0.709 χ^2/NDF : 116797.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

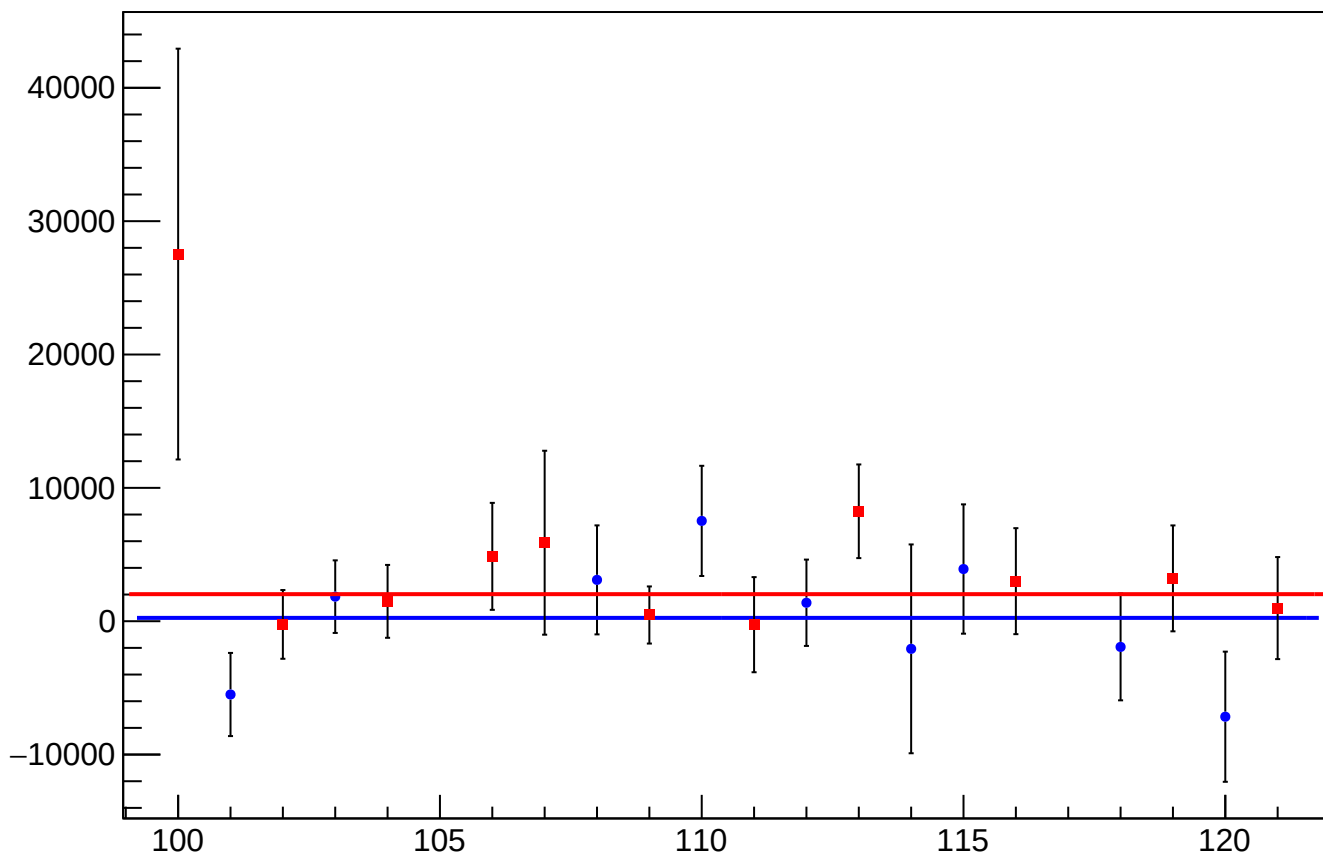
Right: 2091.225+/-0.526 χ^2/NDF : 256537.1/19

In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2091.225+/-0.526 χ^2/NDF : 256537.1/19

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.758+/-1275.362 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2028.646+/-1028.970 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

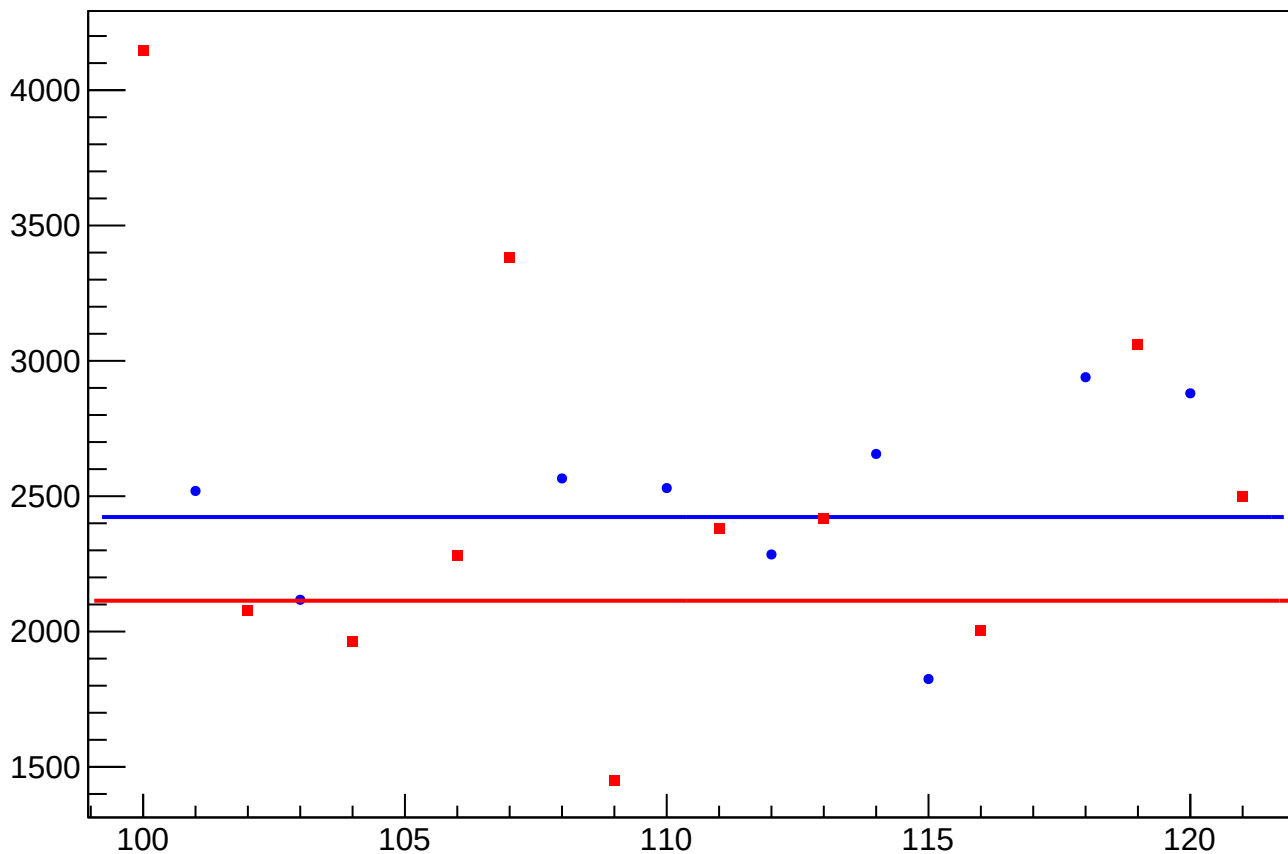
Right: 1327.261+/-800.825 χ^2/NDF : 20.6/19

In: 249.758+/-1275.362 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1327.261+/-800.825 χ^2/NDF : 20.6/19

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2423.006+/-0.902 χ^2/NDF : 117583.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.911+/-0.728 χ^2/NDF : 466308.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

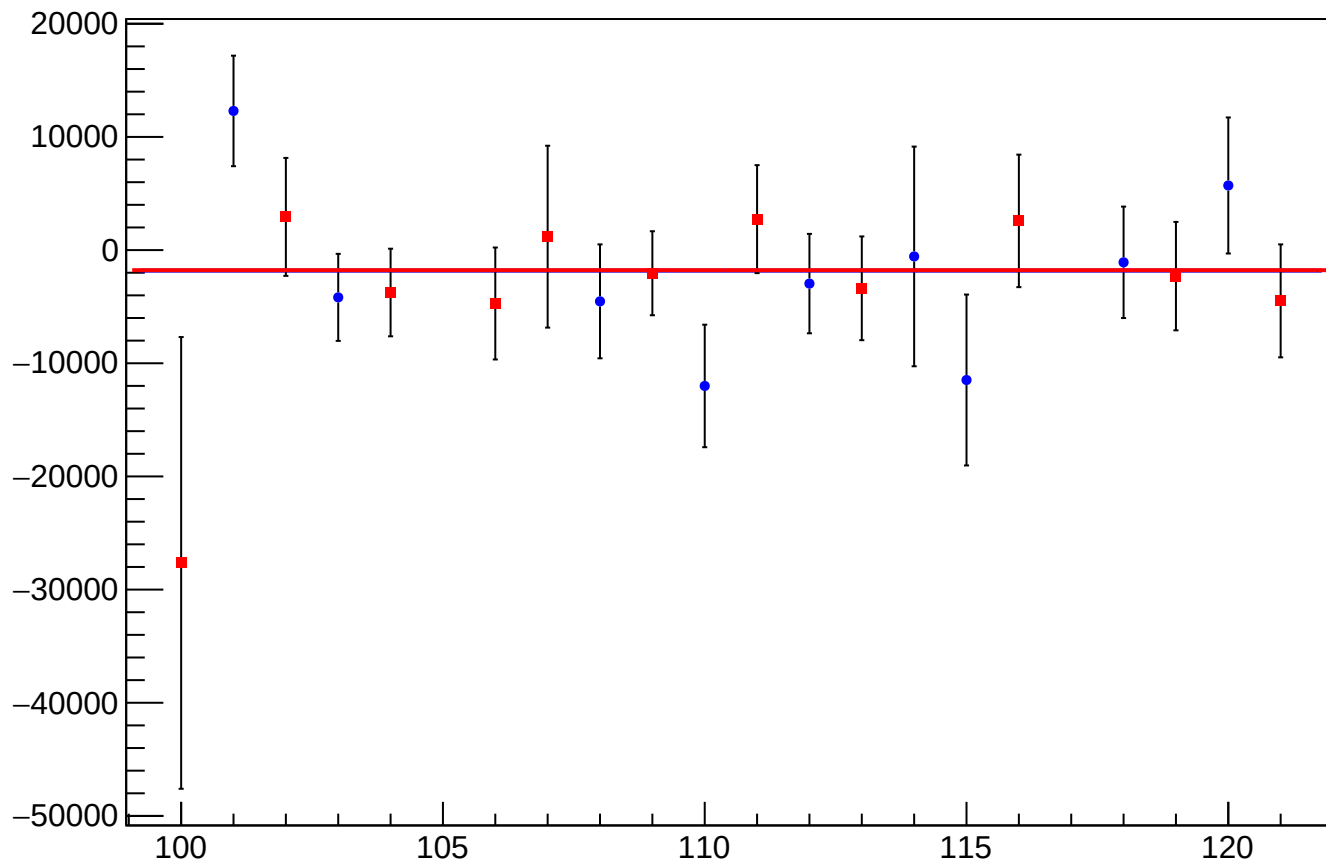
Right: 2235.782+/-0.566 χ^2/NDF : 655049.4/19

In: 2423.006+/-0.902 χ^2/NDF : 117583.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2235.782+/-0.566 χ^2/NDF : 655049.4/19

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1813.925+/-1735.315 χ^2/NDF : 15.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1774.869+/-1508.532 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

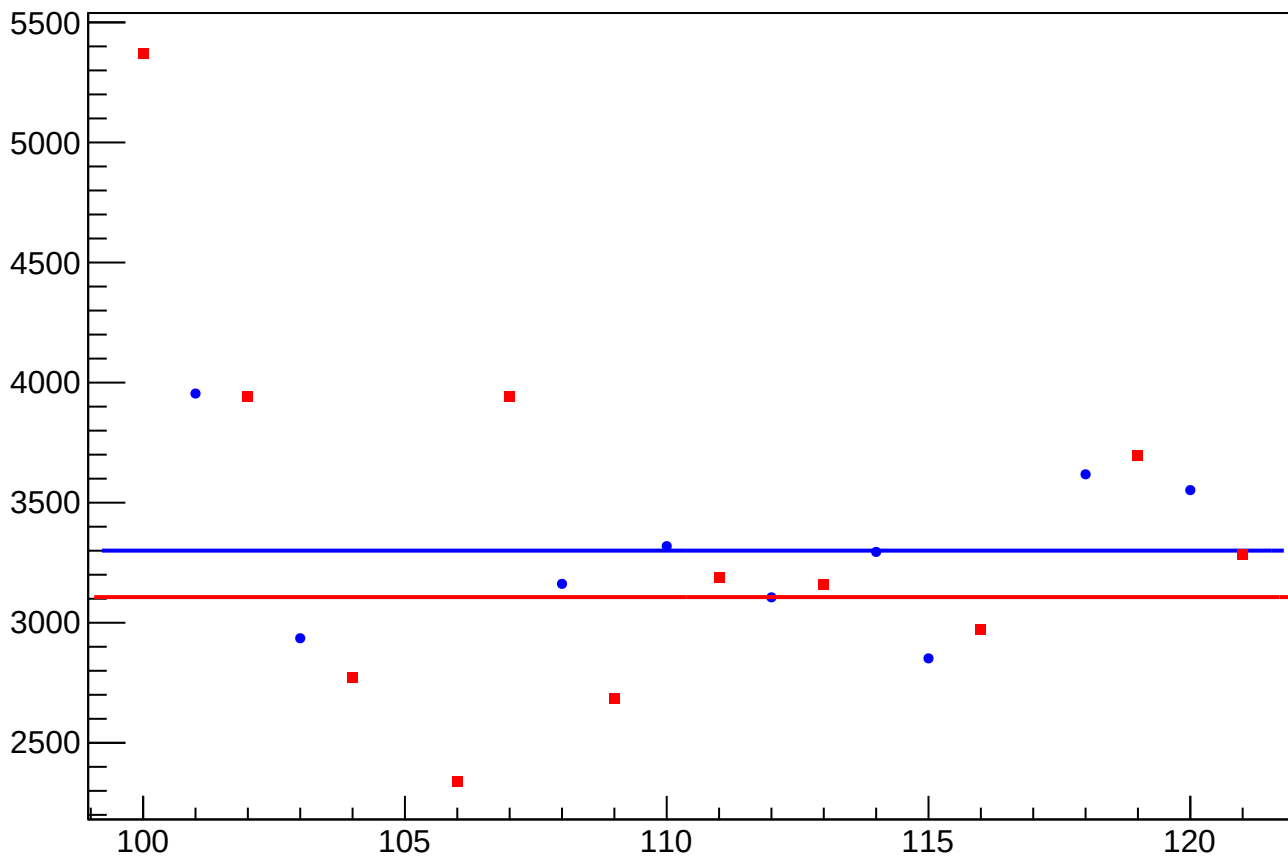
Right: -1791.680+/-1138.489 χ^2/NDF : 21.0/19

In: -1813.925+/-1735.315 χ^2/NDF : 15.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1791.680+/-1138.489 χ^2/NDF : 21.0/19

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3300.390+/-1.227 χ^2/NDF : 78265.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3106.800+/-1.067 χ^2/NDF : 222694.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

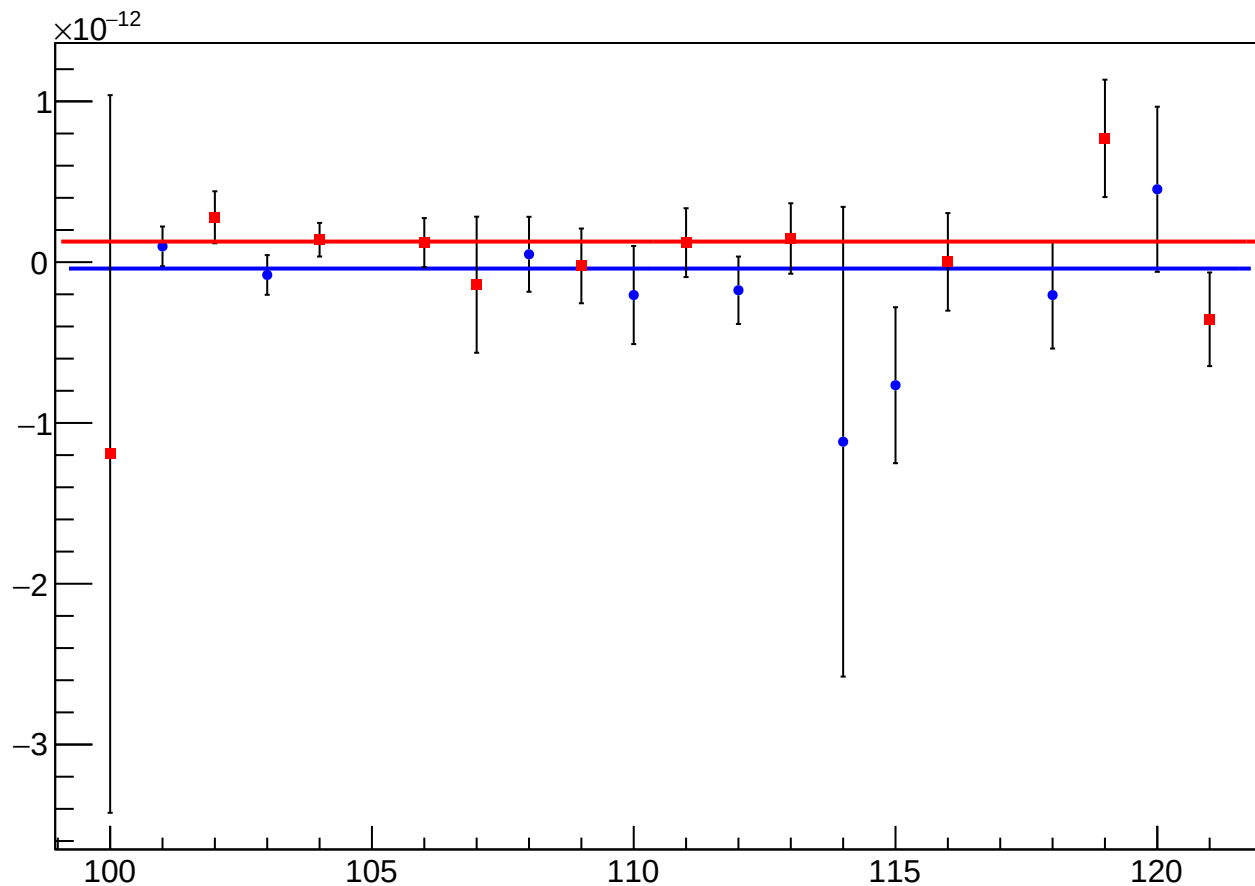
Right: 3190.125+/-0.805 χ^2/NDF : 315137.8/19

In: 3300.390+/-1.227 χ^2/NDF : 78265.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3190.125+/-0.805 χ^2/NDF : 315137.8/19

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

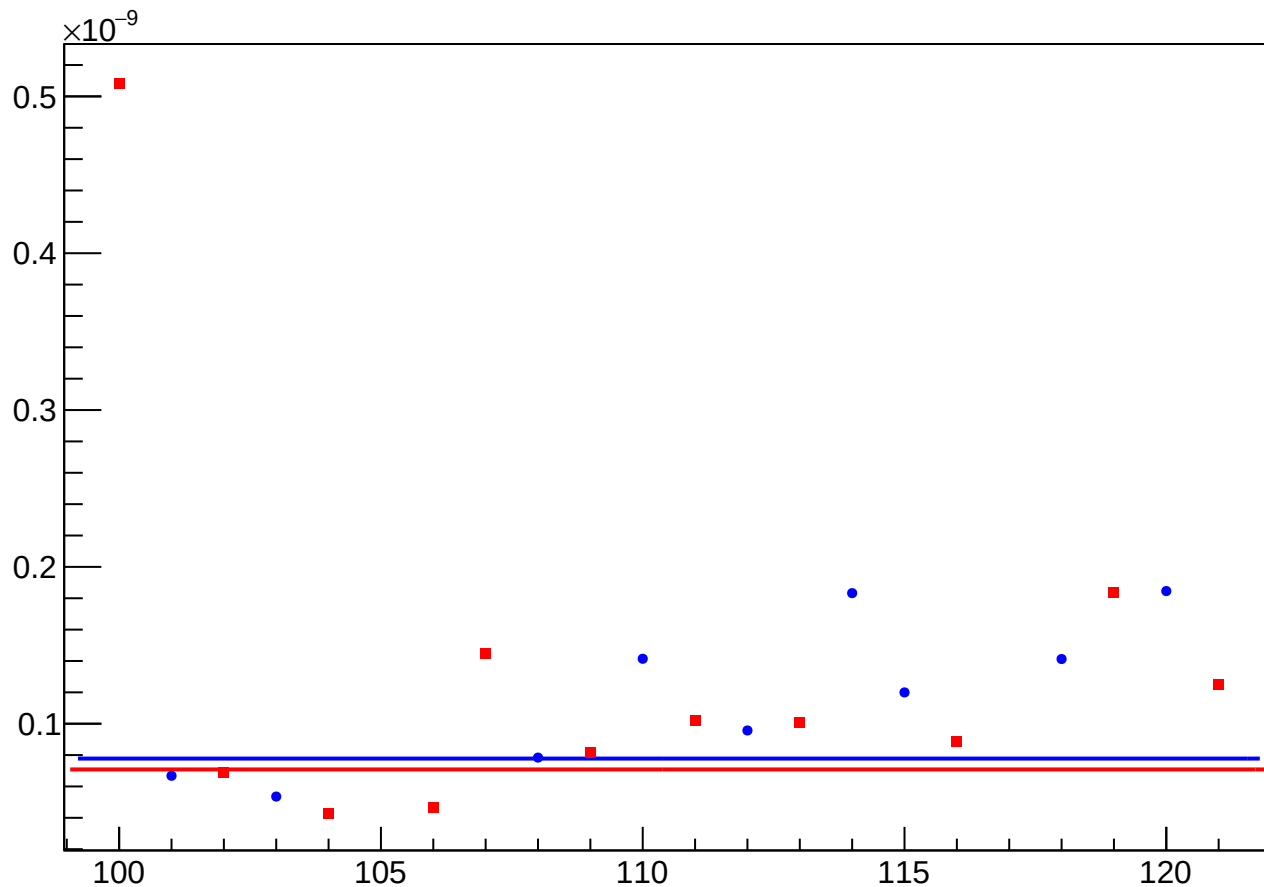
Right: 0.000+/-0.000 χ^2/NDF : 17.5/19

In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/19

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 379429.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 686309.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

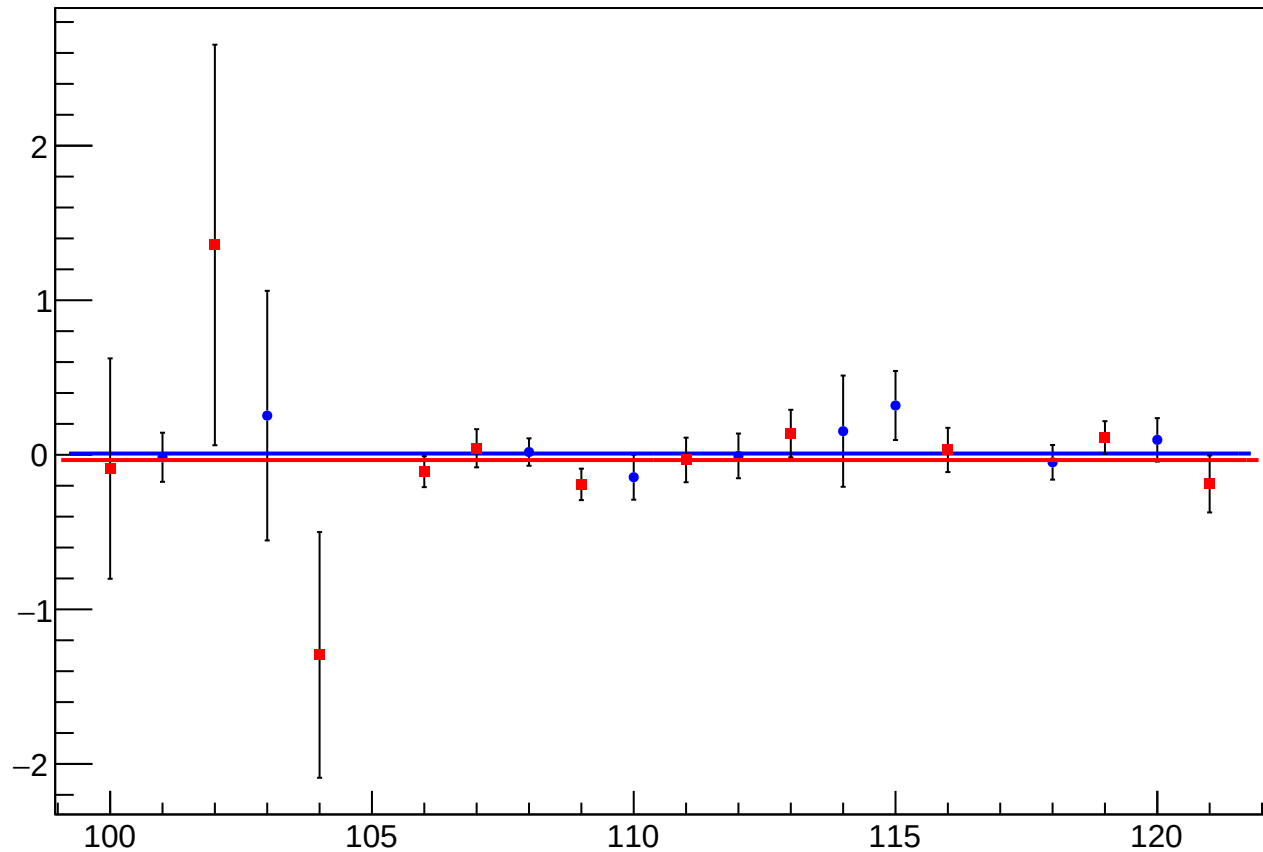
Right: 0.000+/-0.000 χ^2/NDF : 1076779.2/19

In: 0.000+/-0.000 χ^2/NDF : 379429.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1076779.2/19

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

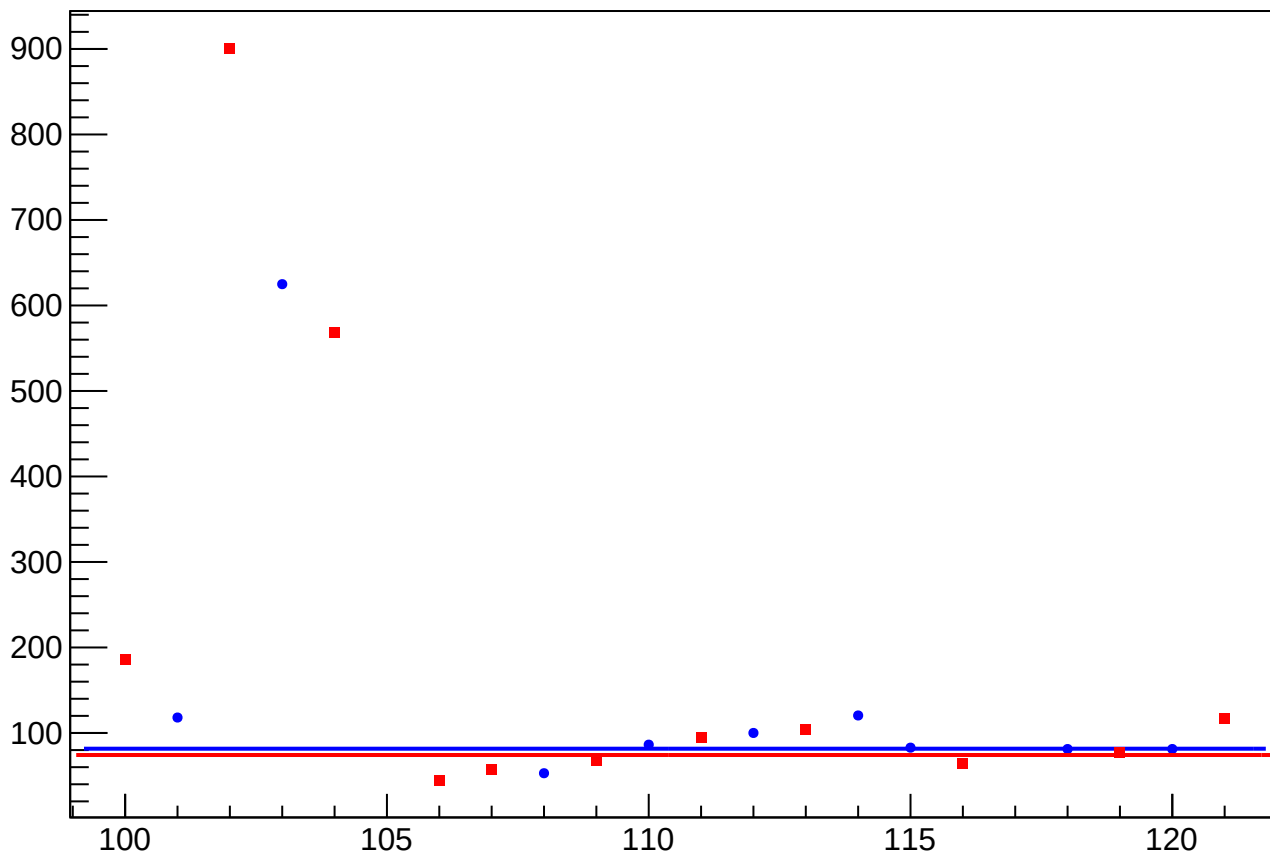
Right: -0.015+/-0.033 χ^2/NDF : 15.5/19

In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.033 χ^2/NDF : 15.5/19

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.604+/-0.034 χ^2/NDF : 1278373.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102275.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

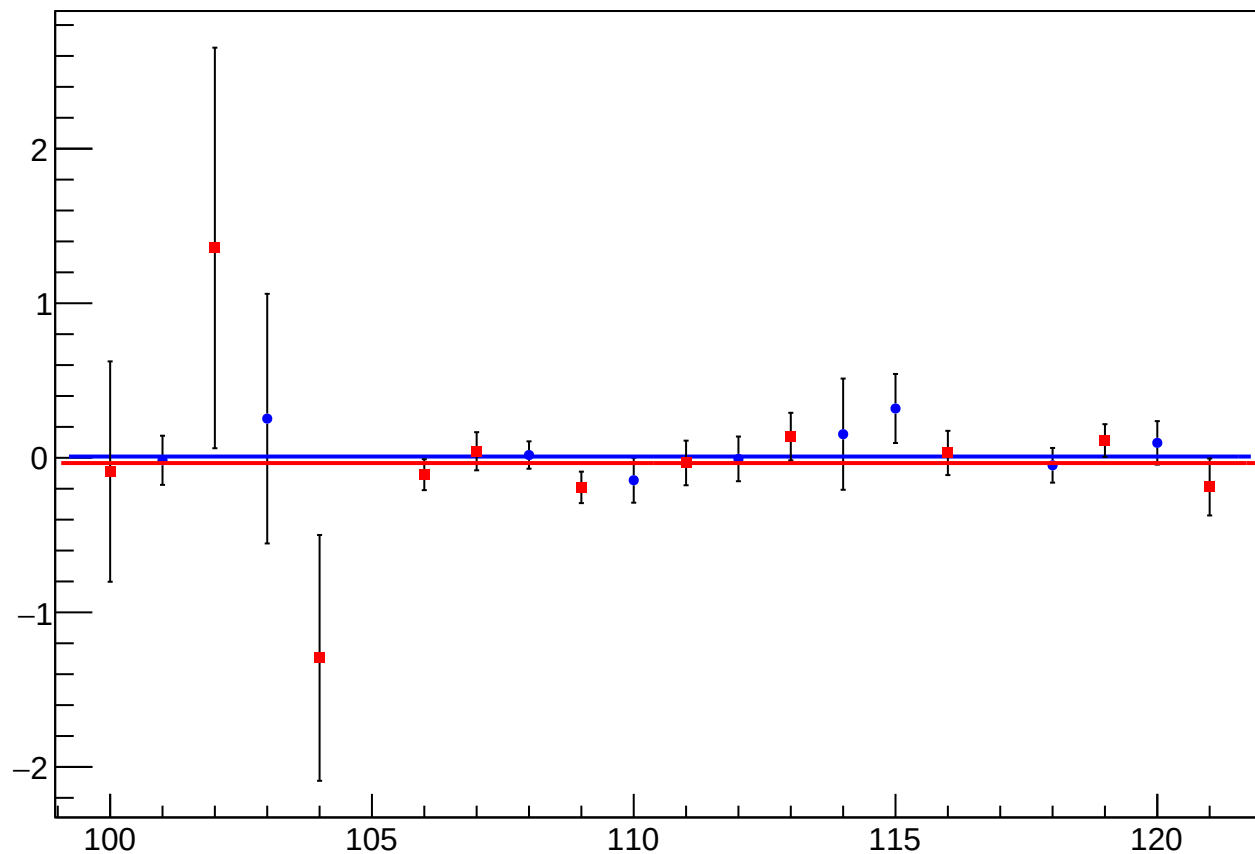
Right: 77.518+/-0.023 χ^2/NDF : 3406046.4/19

In: 81.604+/-0.034 χ^2/NDF : 1278373.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.518+/-0.023 χ^2/NDF : 3406046.4/19

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

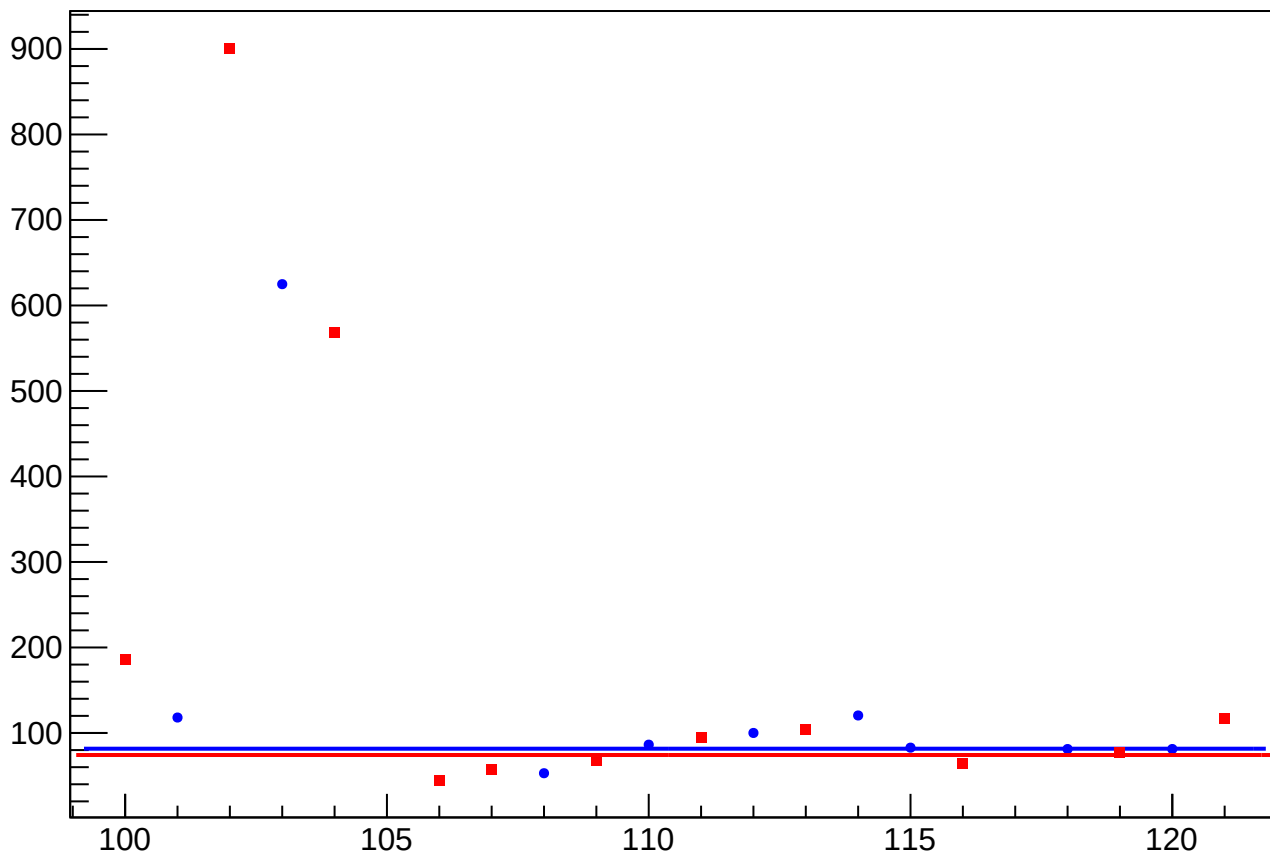
Right: -0.015+/-0.033 χ^2/NDF : 15.5/19

In: 0.008+/-0.049 χ^2/NDF :4.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.033 χ^2/NDF : 15.5/19

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.604 $\pm$ 0.034 χ^2 /NDF: 1278373.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.231 $\pm$ 0.031 χ^2 /NDF: 2102275.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

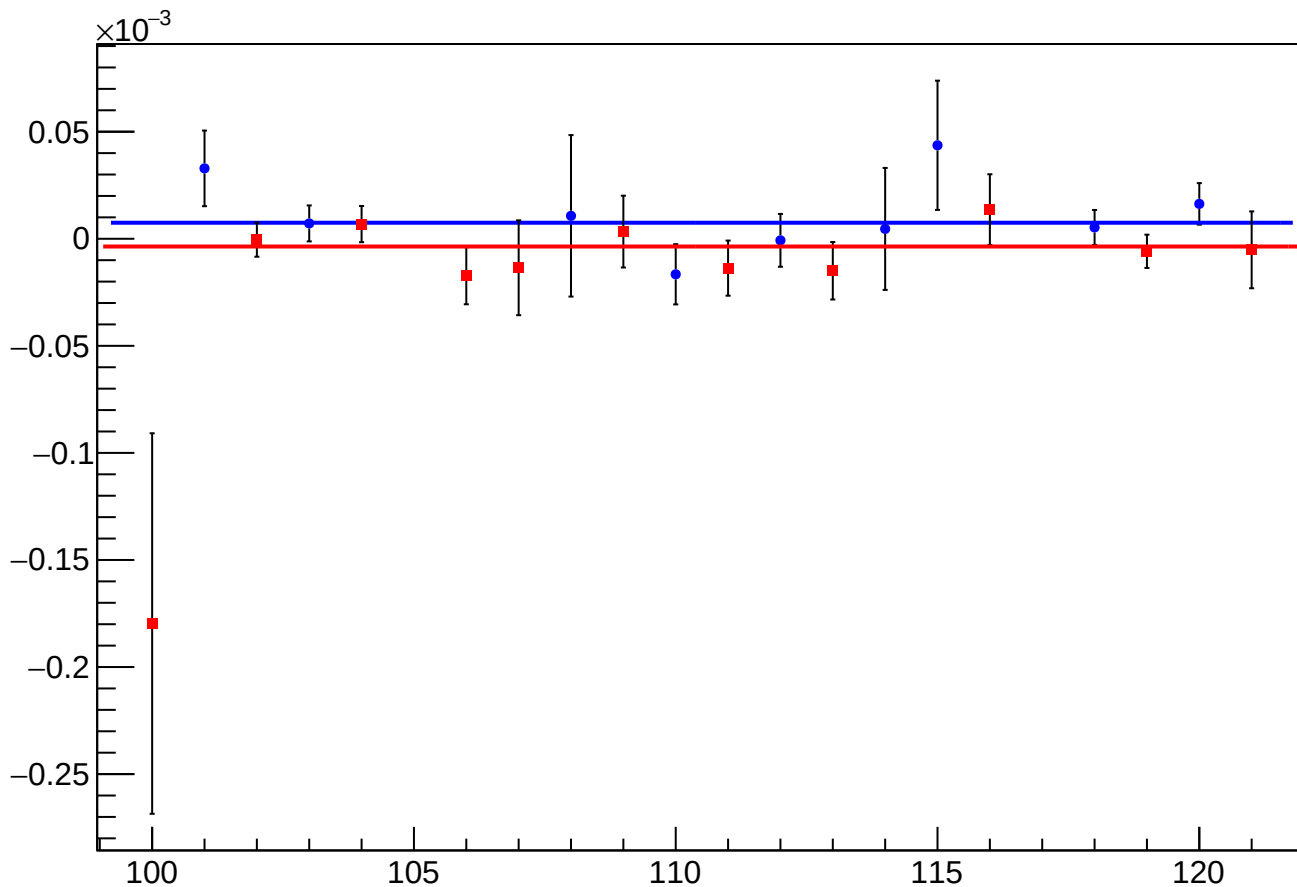
Right: 77.518 $\pm$ 0.023 χ^2 /NDF: 3406046.4/19

In: 81.604 $\pm$ 0.034 χ^2 /NDF:1278373.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.518 $\pm$ 0.023 χ^2 /NDF: 3406046.4/19

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 : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

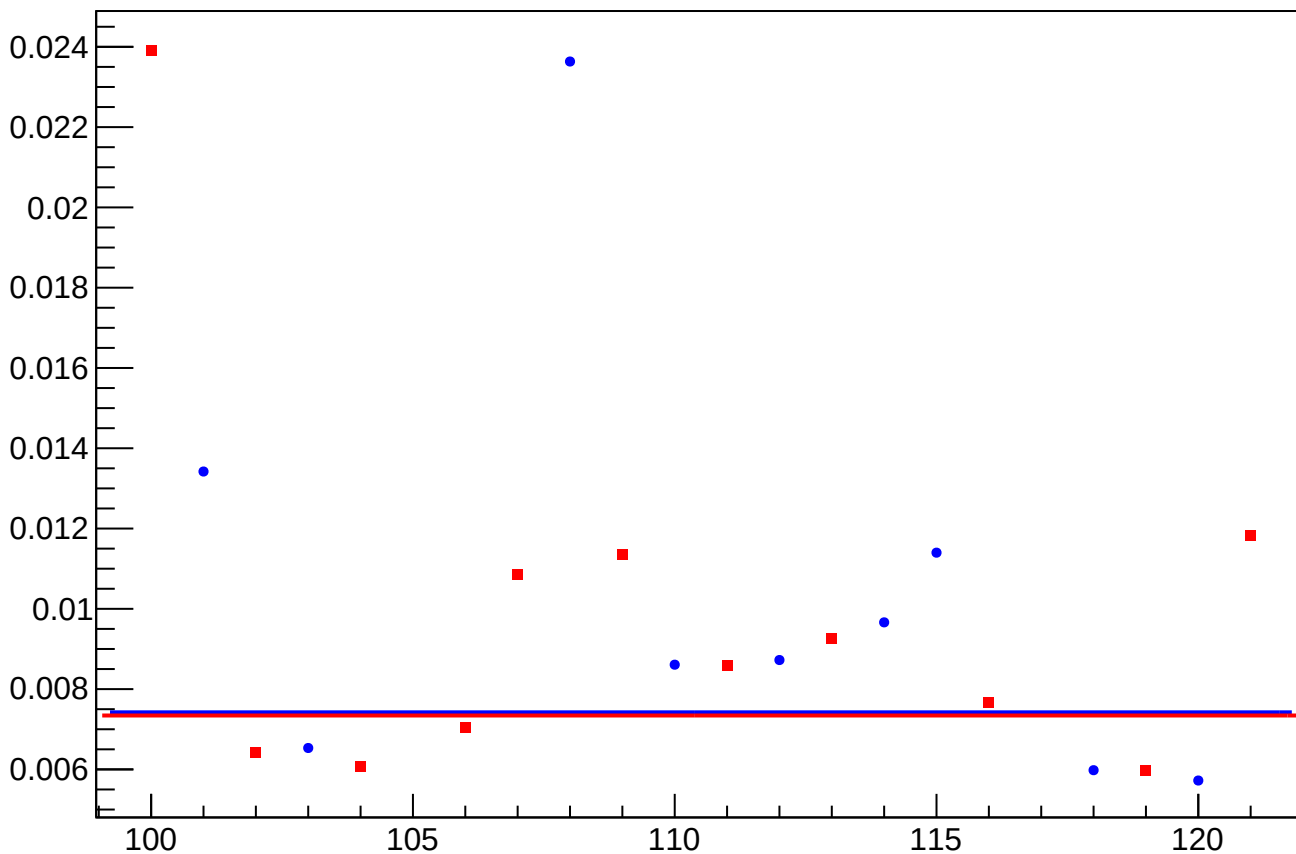
Right: 0.000+/-0.000 χ^2/NDF : 21.4/19

In: 0.000+/-0.000 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.4/19

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 830346.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 554988.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

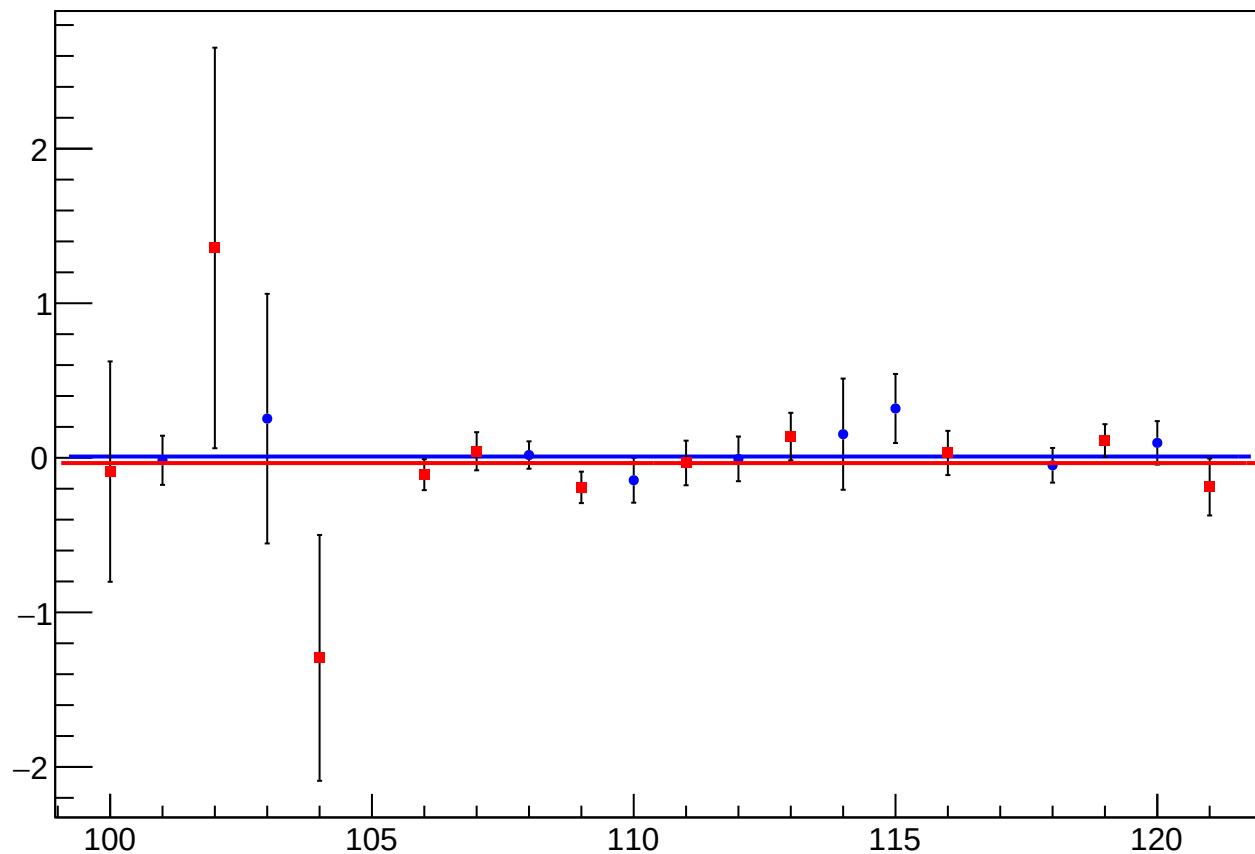
Right: 0.007+/-0.000 χ^2/NDF : 1385741.6/19

In: 0.007+/-0.000 χ^2/NDF : 830346.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1385741.6/19

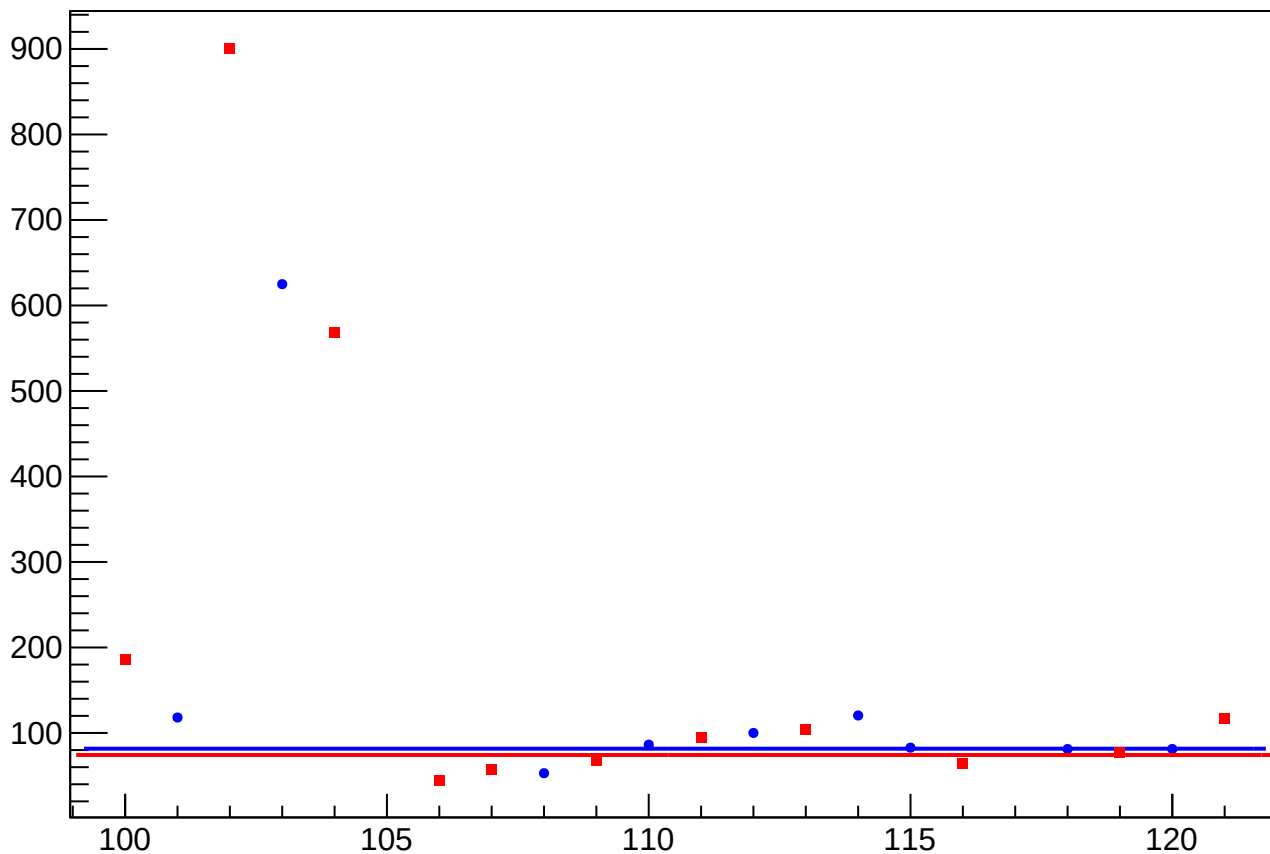
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.008 $\pm$ 0.049 χ^2 /NDF: 4.0/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.034 $\pm$ 0.044 χ^2 /NDF: 11.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.015 $\pm$ 0.033 χ^2 /NDF: 15.5/19
 In: 0.008 $\pm$ 0.049 χ^2 /NDF:4.0/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.015 $\pm$ 0.033 χ^2 /NDF: 15.5/19

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102267.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

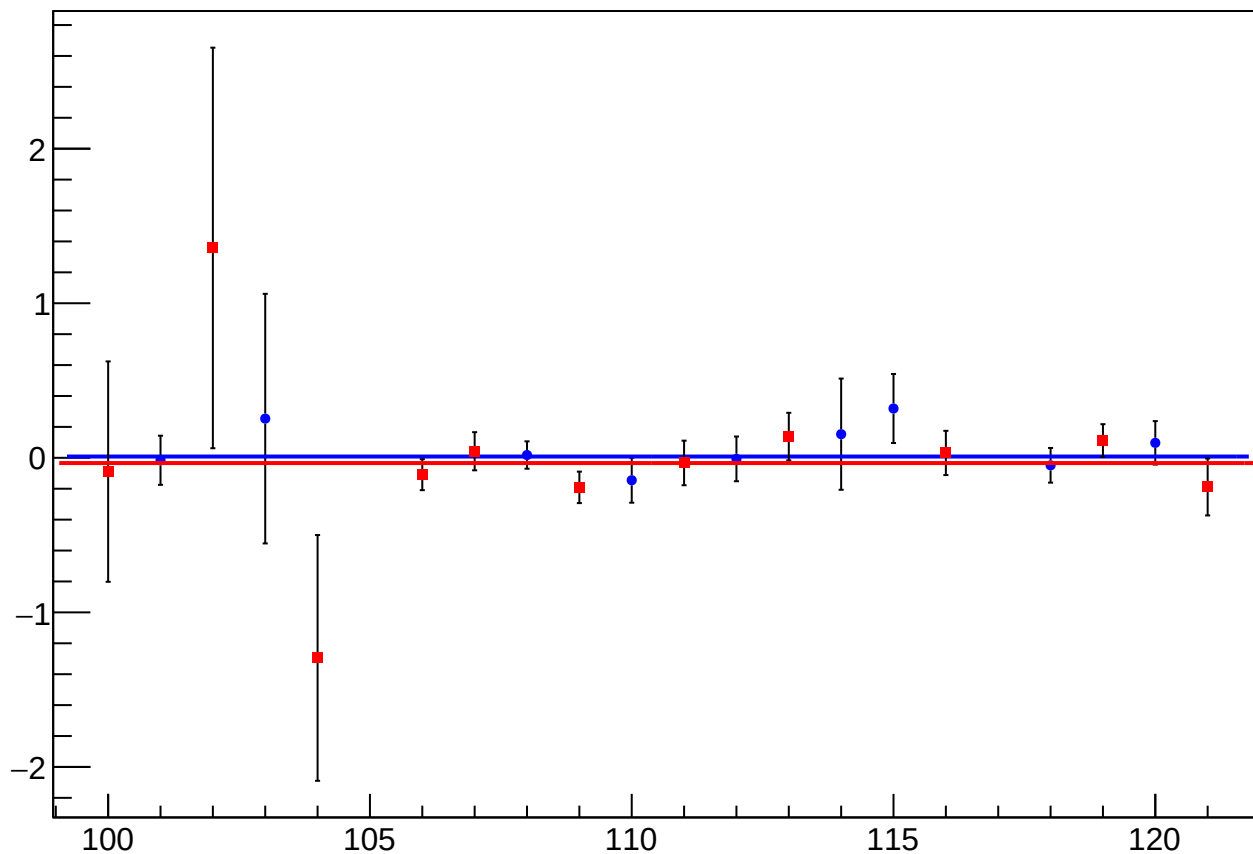
Right: 77.520+/-0.023 χ^2/NDF : 3405906.4/19

In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.520+/-0.023 χ^2/NDF : 3405906.4/19

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

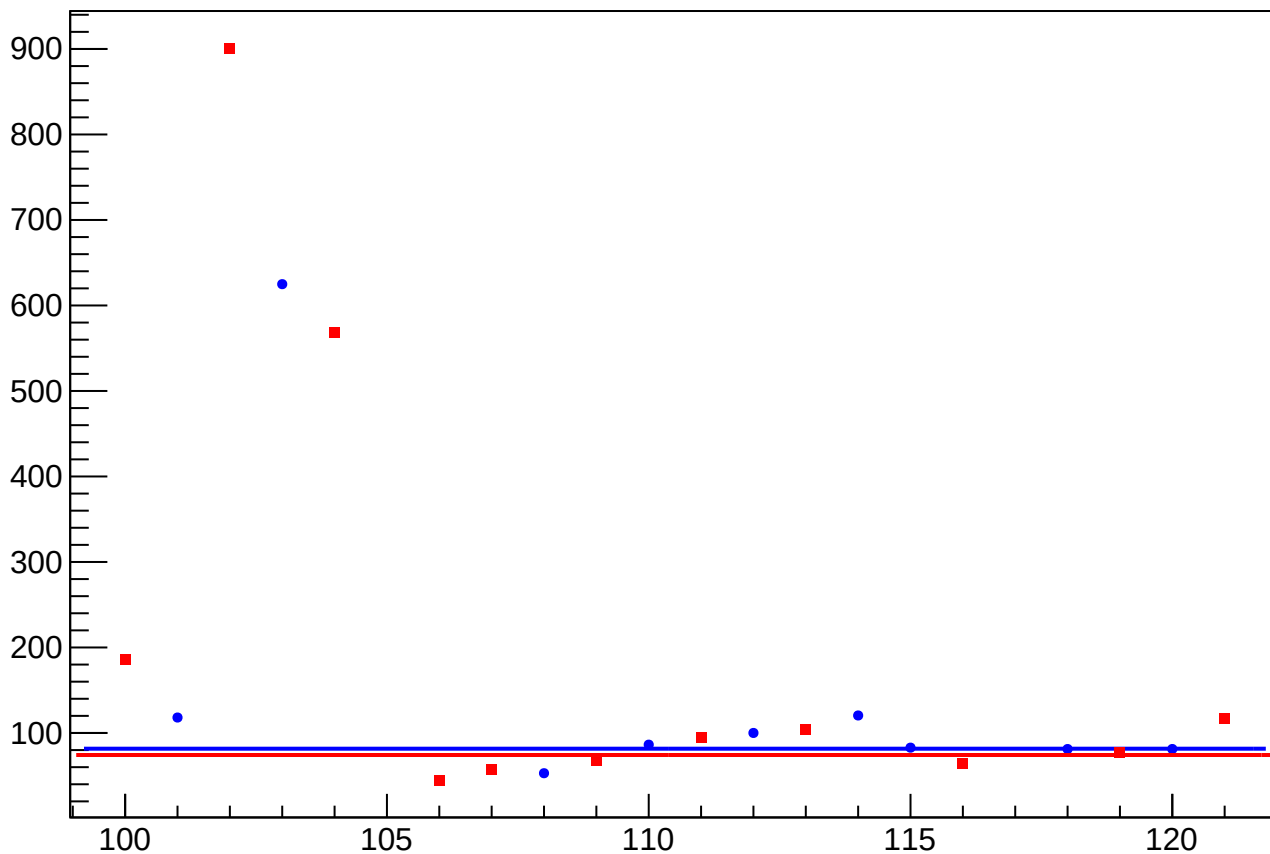
Right: -0.015+/-0.033 χ^2/NDF : 15.5/19

In: 0.008+/-0.049 χ^2/NDF :4.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.033 χ^2/NDF : 15.5/19

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102267.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

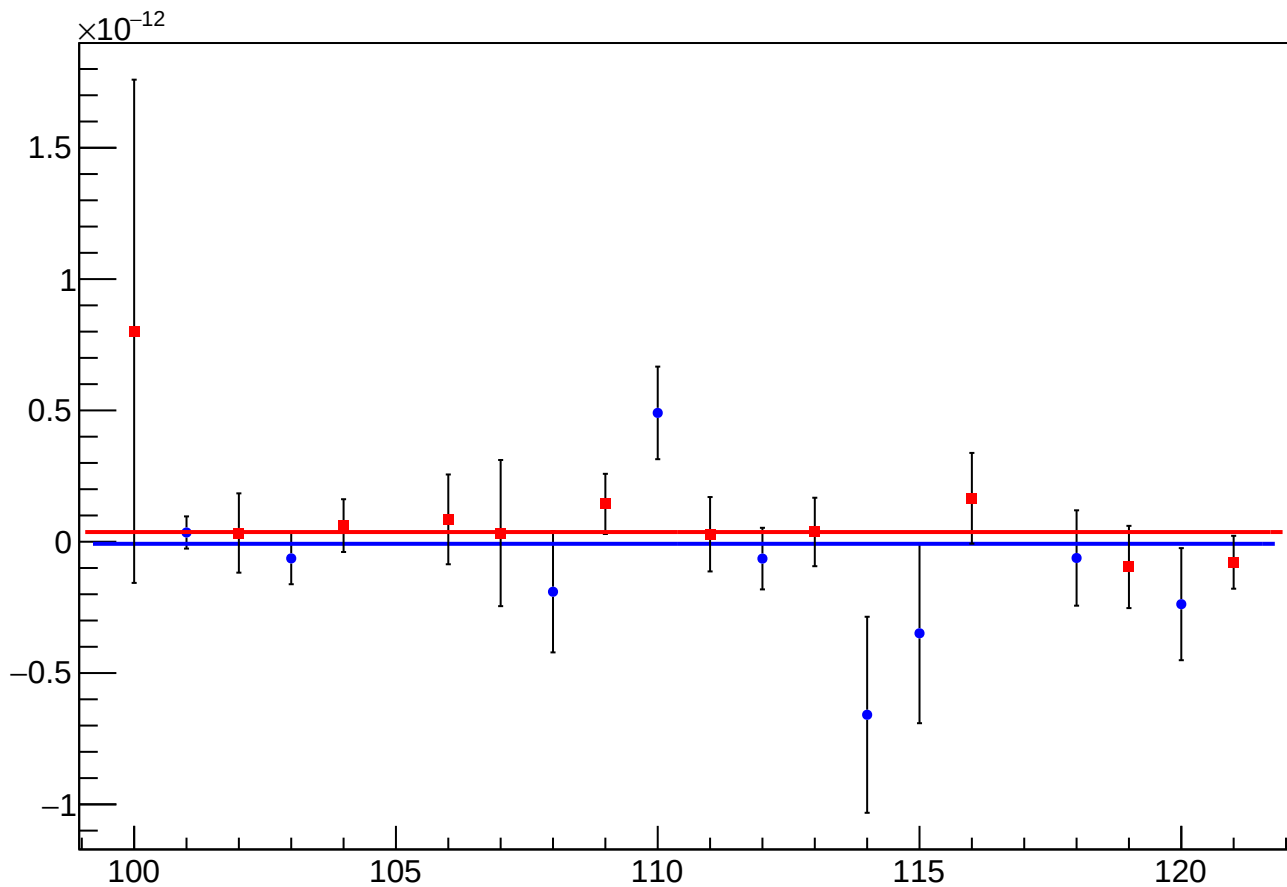
Right: 77.520+/-0.023 χ^2/NDF : 3405906.4/19

In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.520+/-0.023 χ^2/NDF : 3405906.4/19

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 : 14.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

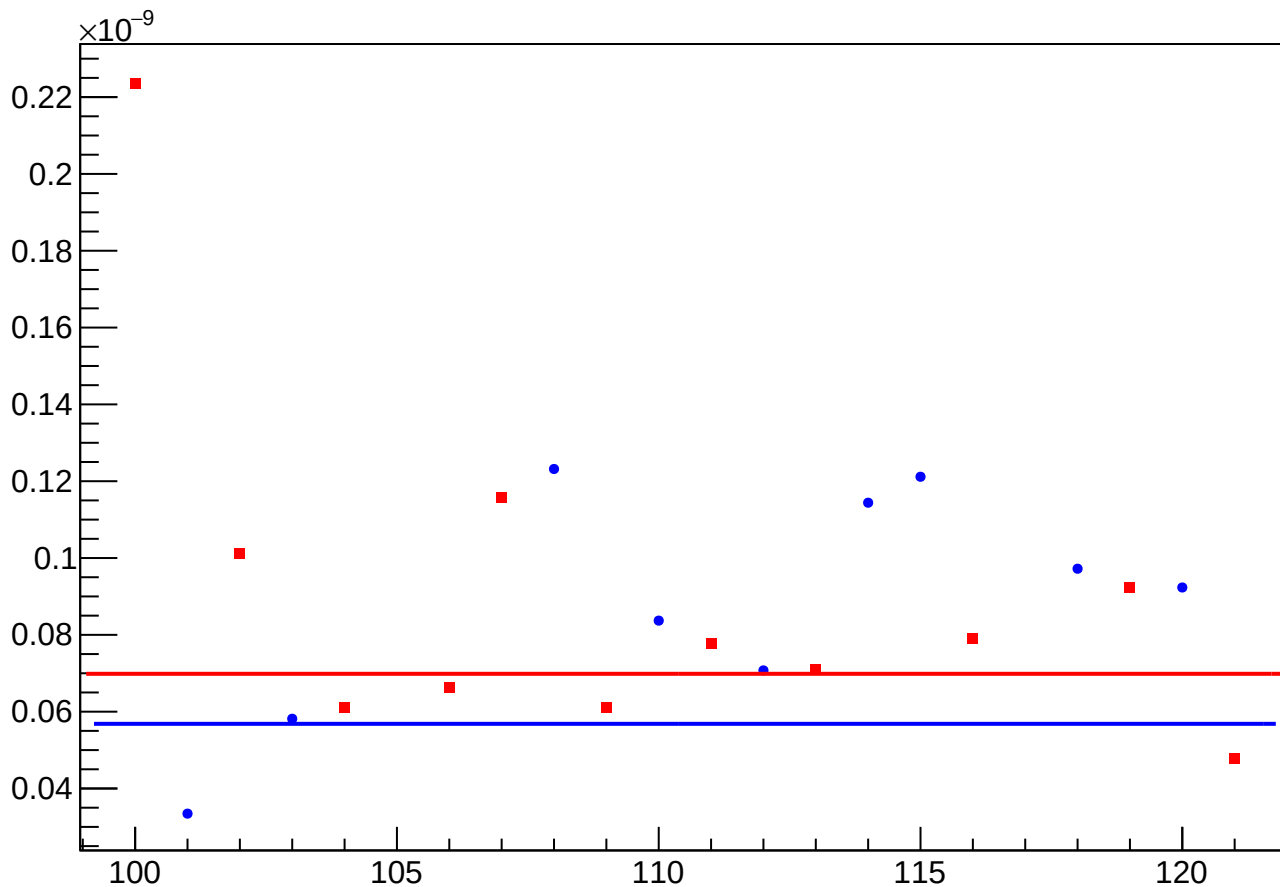
Right: 0.000+/-0.000 χ^2/NDF : 19.7/19

In: -0.000+/-0.000 χ^2/NDF :14.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/19

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 : 803610.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 368368.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

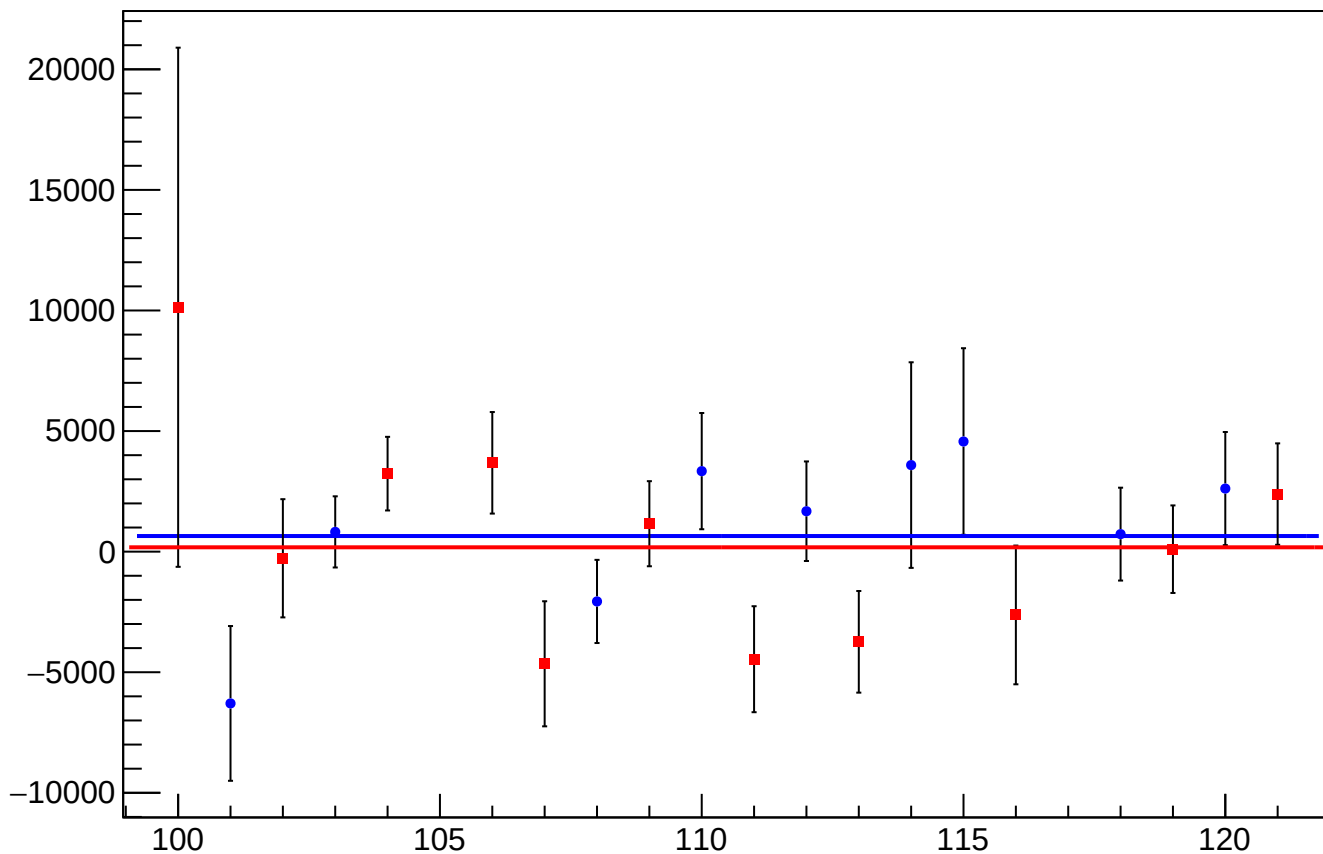
Right: 0.000+/-0.000 χ^2/NDF : 1266155.9/19

In: 0.000+/-0.000 χ^2/NDF :803610.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1266155.9/19

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 647.540+/-730.666 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.987+/-647.844 χ^2/NDF : 21.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

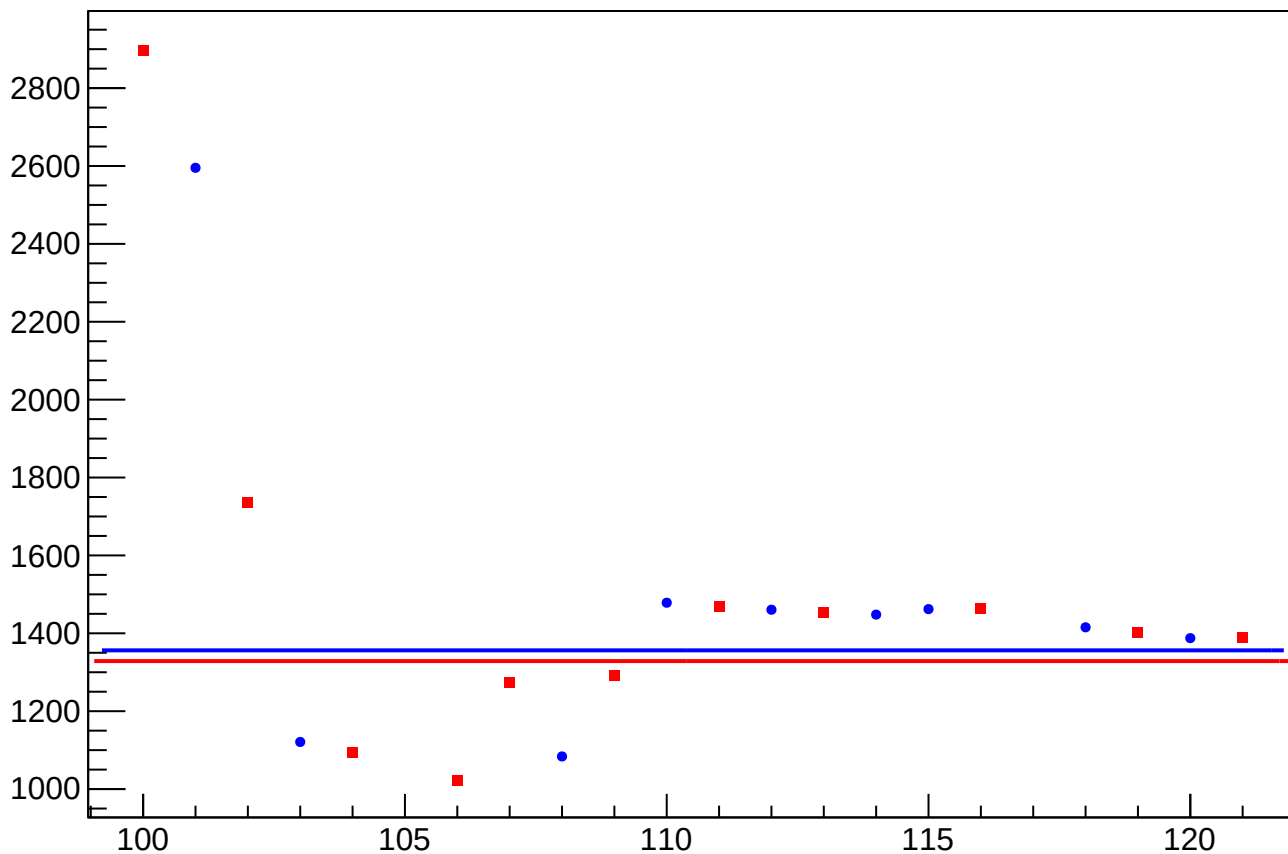
Right: 385.774+/-484.744 χ^2/NDF : 32.5/19

In: 647.540+/-730.666 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.774+/-484.744 χ^2/NDF : 32.5/19

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.216+/-0.517 χ^2/NDF : 413986.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.694+/-0.458 χ^2/NDF : 213394.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

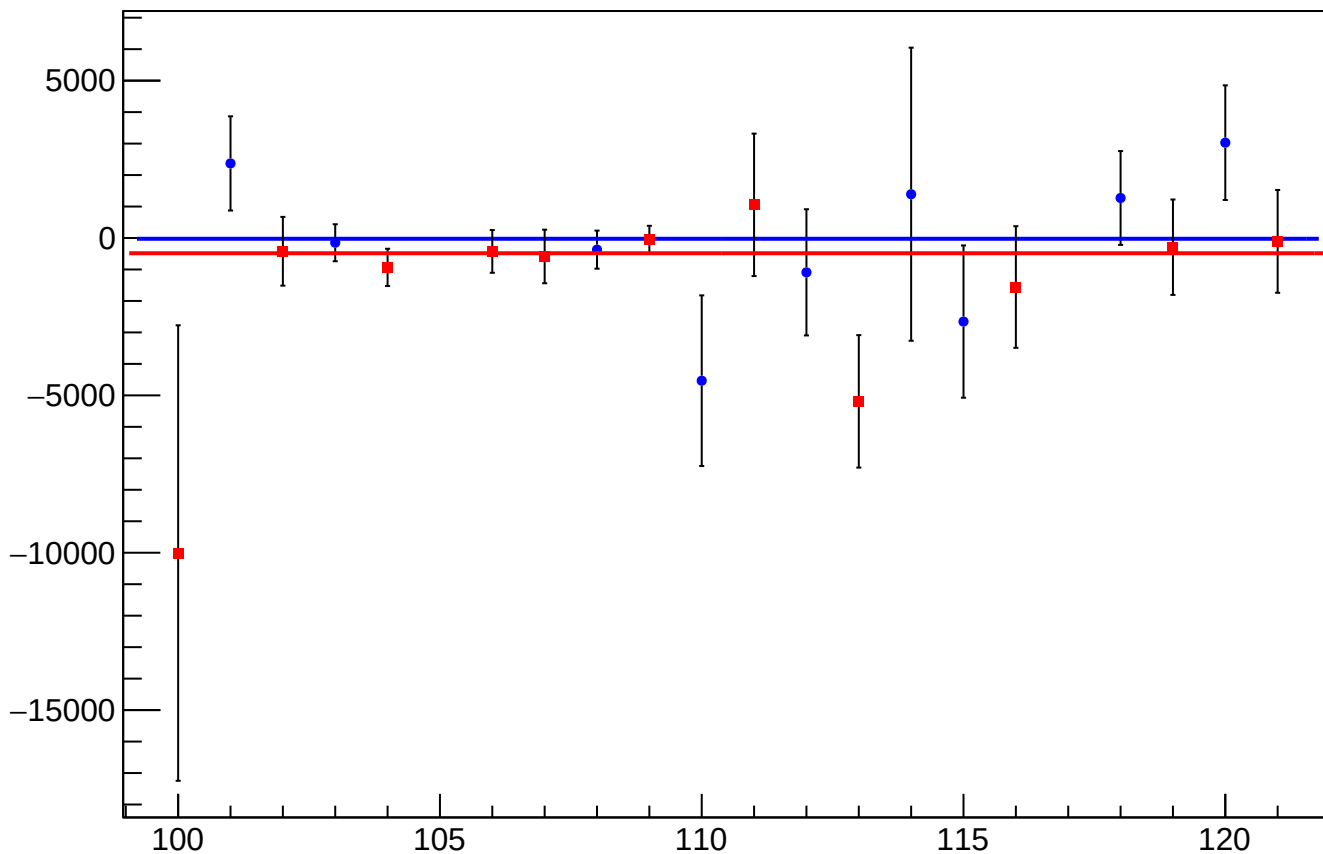
Right: 1340.807+/-0.343 χ^2/NDF : 628969.3/19

In: 1356.216+/-0.517 χ^2/NDF : 413986.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.807+/-0.343 χ^2/NDF : 628969.3/19

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -24.260+/-366.959 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -484.199+/-267.772 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

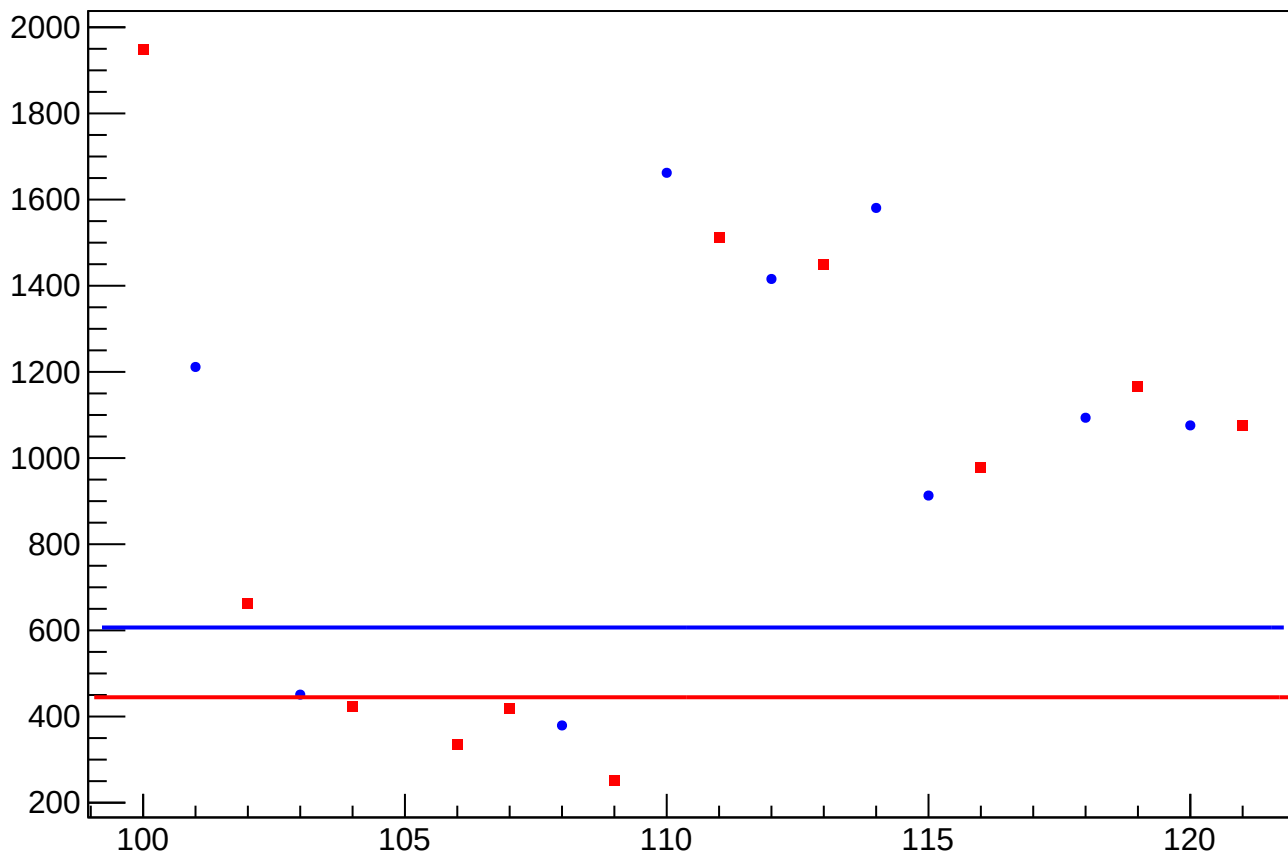
Right: -324.389+/-216.306 χ^2/NDF : 21.0/19

In: -24.260+/-366.959 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.389+/-216.306 χ^2/NDF : 21.0/19

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 606.702+/-0.259 χ^2/NDF : 1844022.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.737+/-0.189 χ^2/NDF : 2416570.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

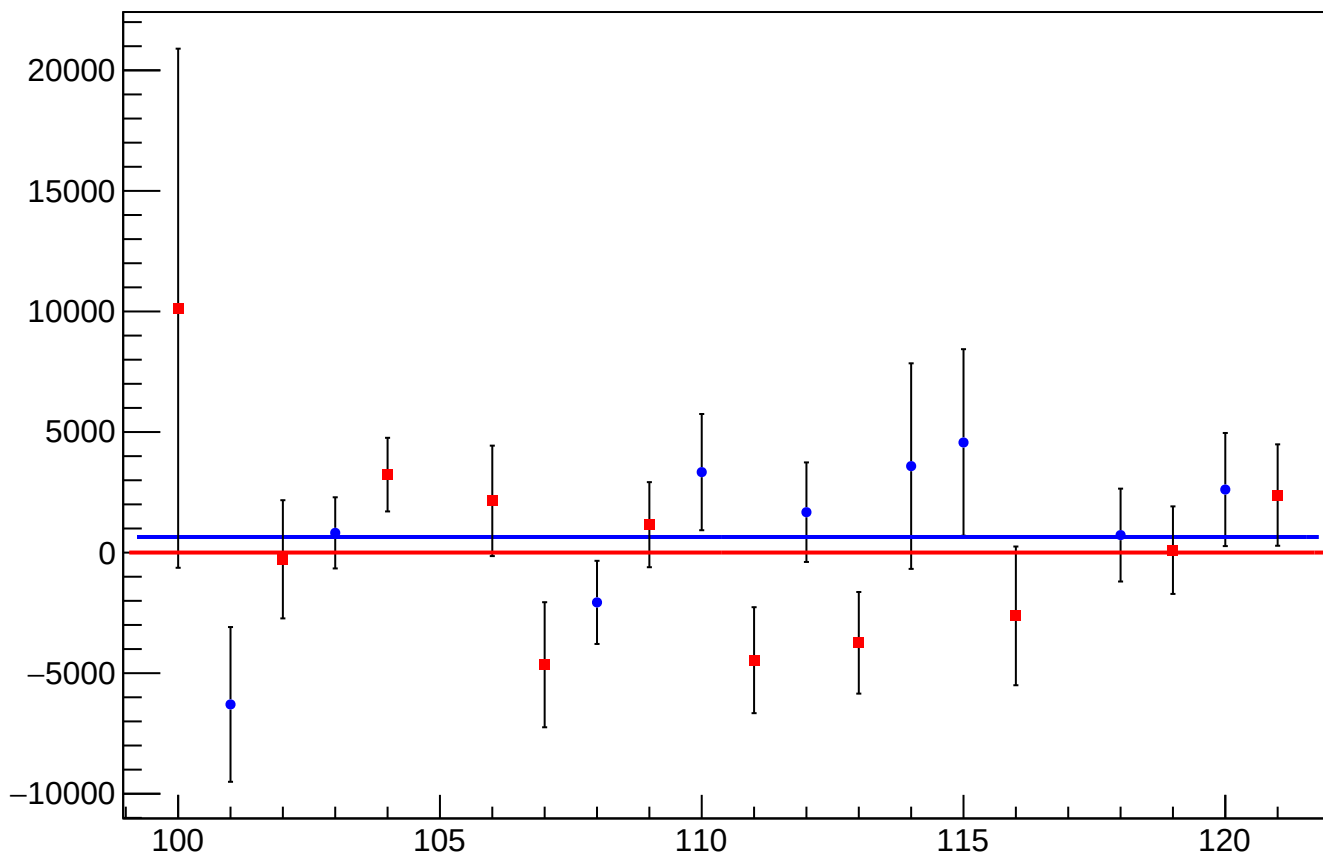
Right: 501.013+/-0.153 χ^2/NDF : 4514833.5/19

In: 606.702+/-0.259 χ^2/NDF : 1844022.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.013+/-0.153 χ^2/NDF : 4514833.5/19

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.647+/-652.642 χ^2/NDF : 19.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

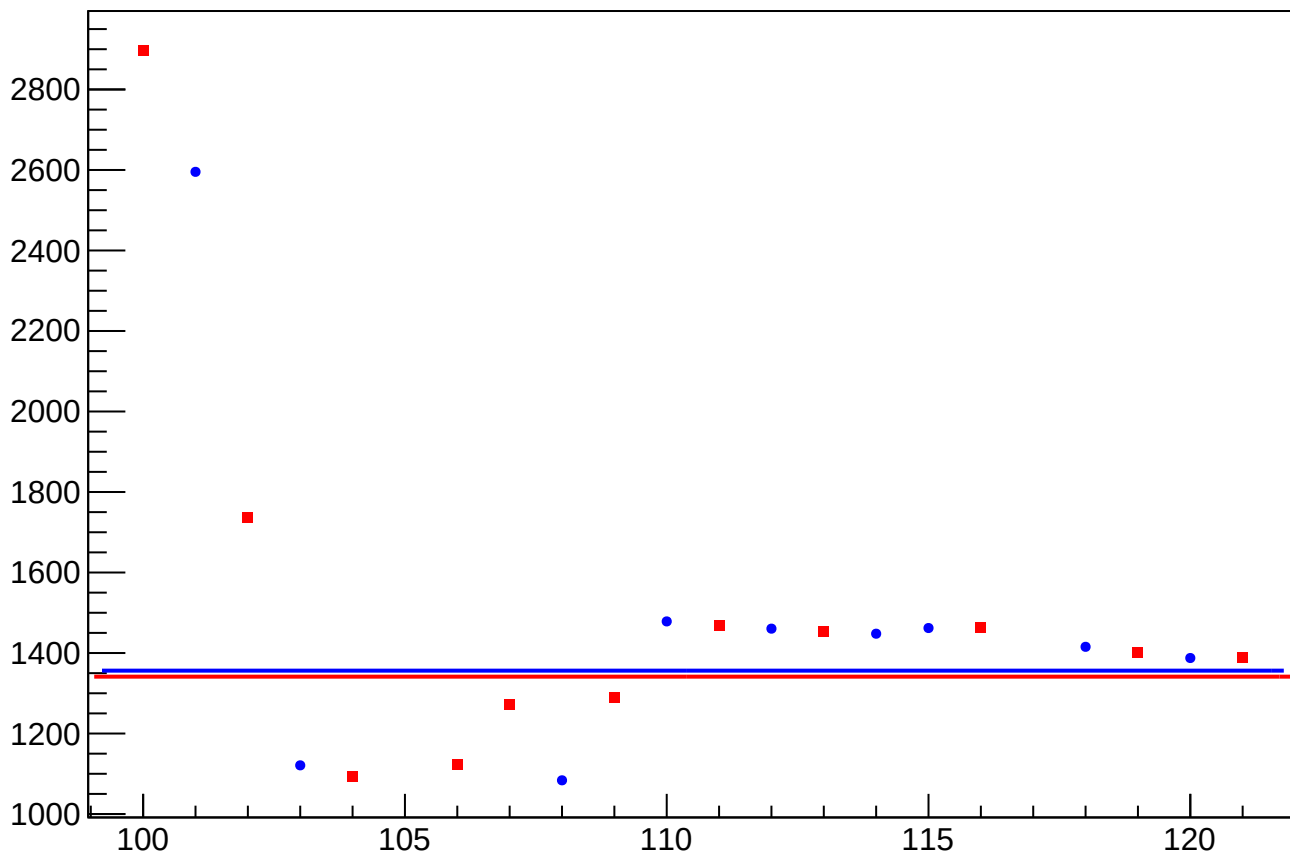
Right: 288.748+/-486.744 χ^2/NDF : 30.6/19

In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.748+/-486.744 χ^2/NDF : 30.6/19

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.297+/-0.461 χ^2/NDF : 186721.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

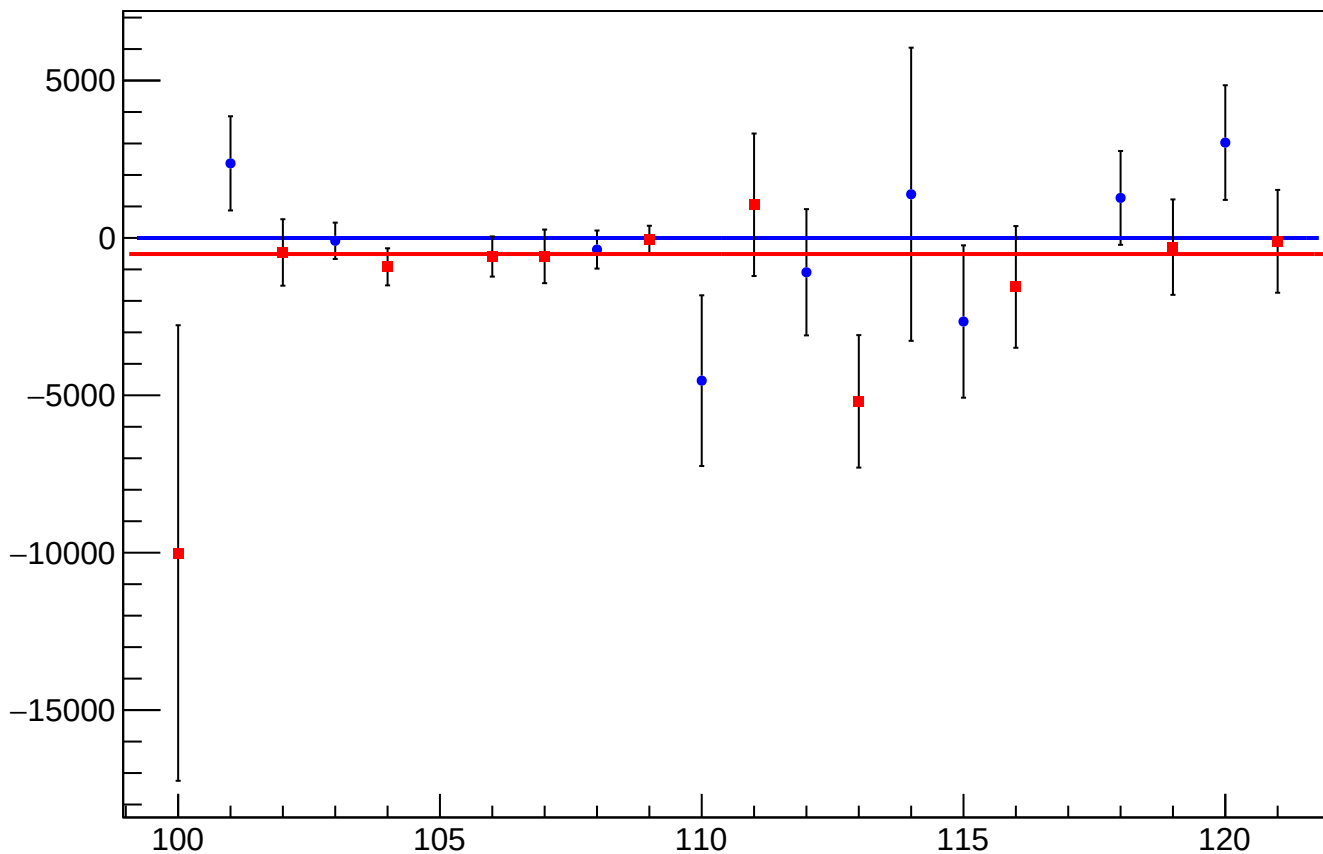
Right: 1347.917+/-0.344 χ^2/NDF : 601171.7/19

In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.917+/-0.344 χ^2/NDF : 601171.7/19

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -511.723+/-264.194 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

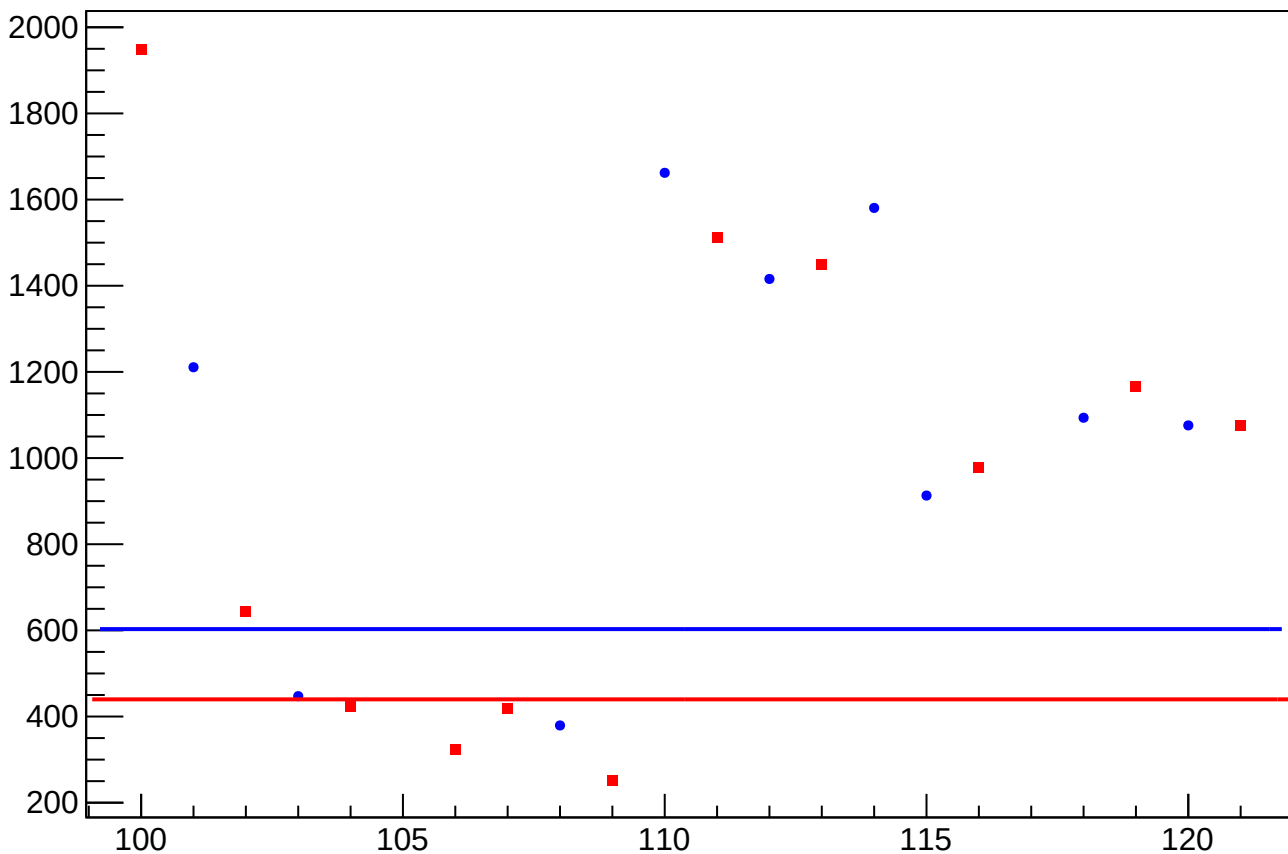
Right: -336.094+/-213.851 χ^2/NDF : 21.2/19

In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.094+/-213.851 χ^2/NDF : 21.2/19

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.884+/-0.187 χ^2/NDF : 2427392.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

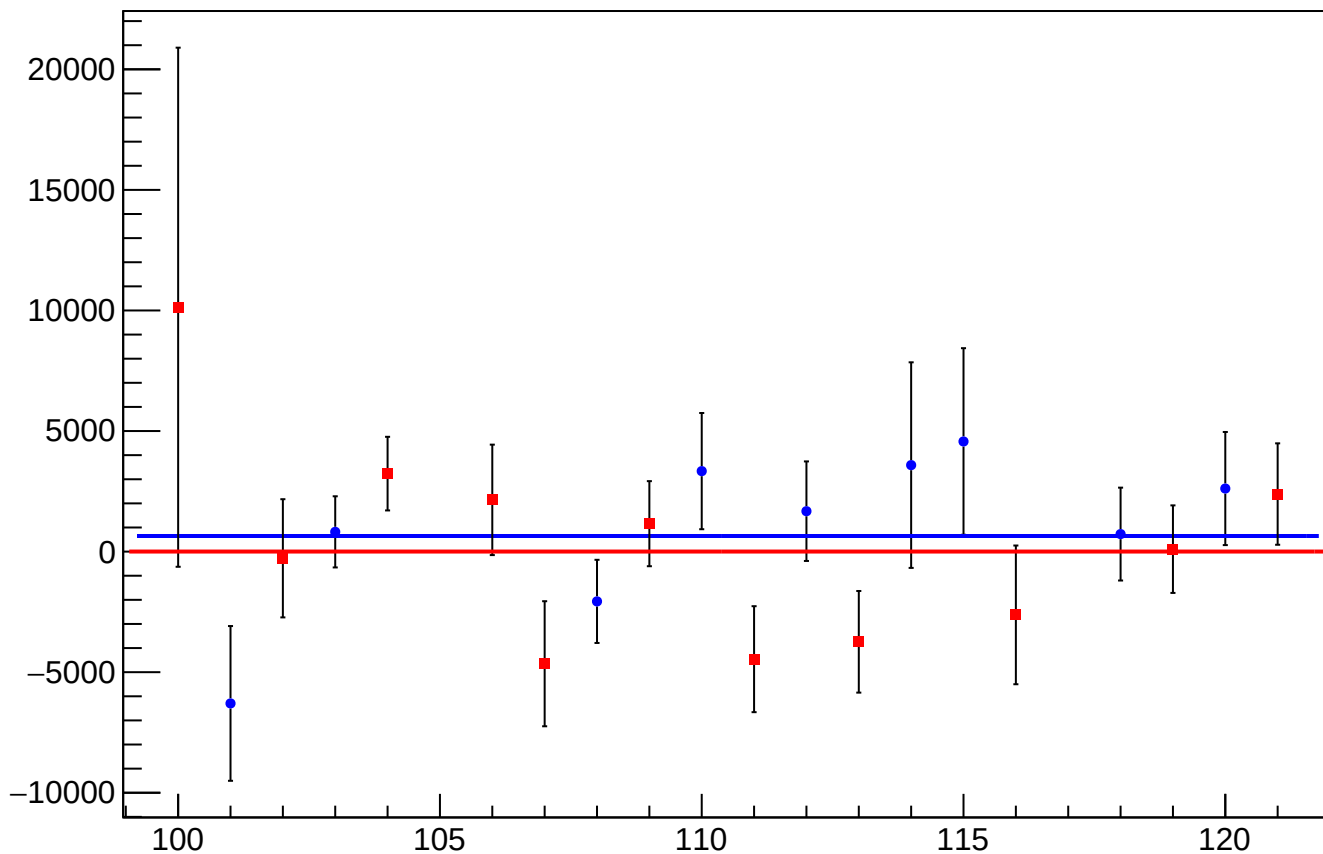
Right: 496.103+/-0.151 χ^2/NDF : 4545775.3/19

In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.103+/-0.151 χ^2/NDF : 4545775.3/19

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.647+/-652.642 χ^2/NDF : 19.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

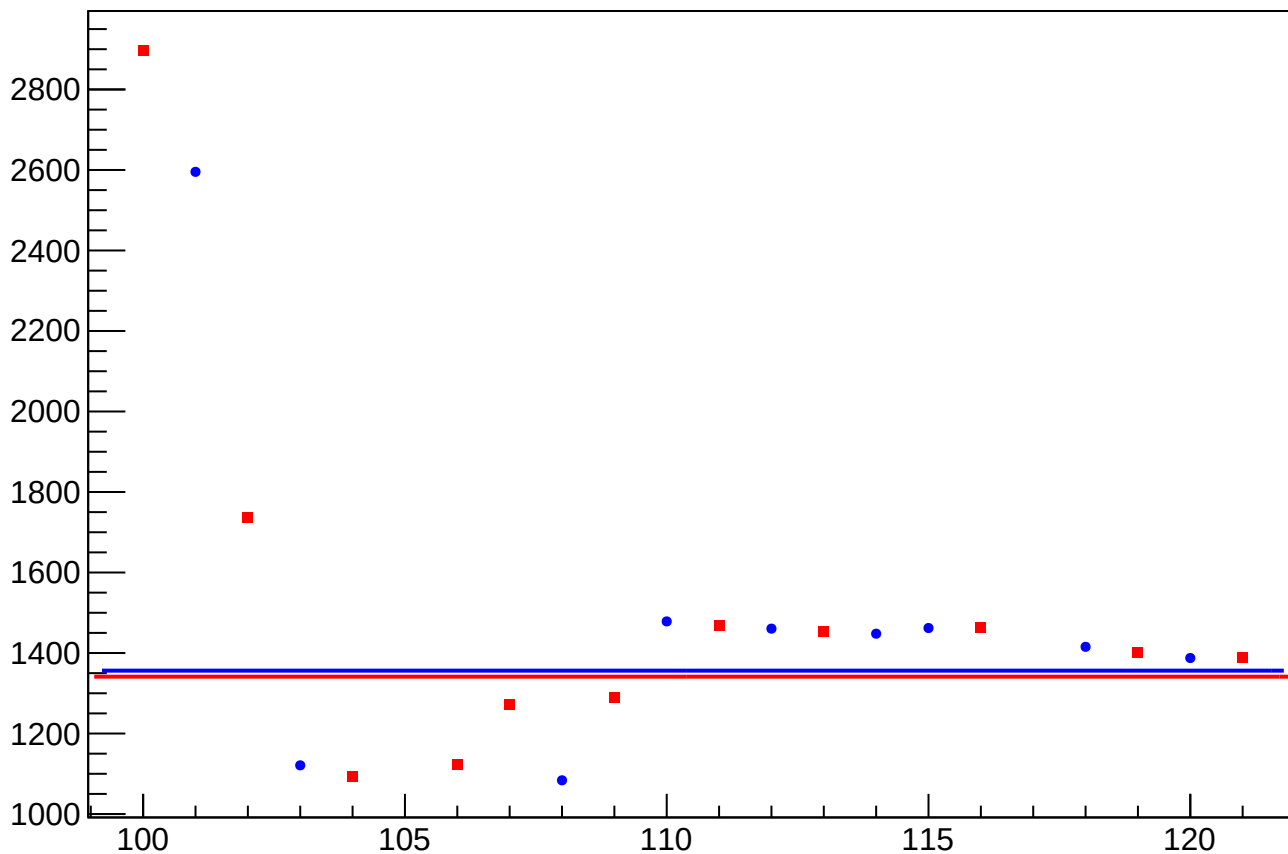
Right: 288.748+/-486.744 χ^2/NDF : 30.6/19

In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.748+/-486.744 χ^2/NDF : 30.6/19

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1341.297+/-0.461 χ^2/NDF : 186721.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

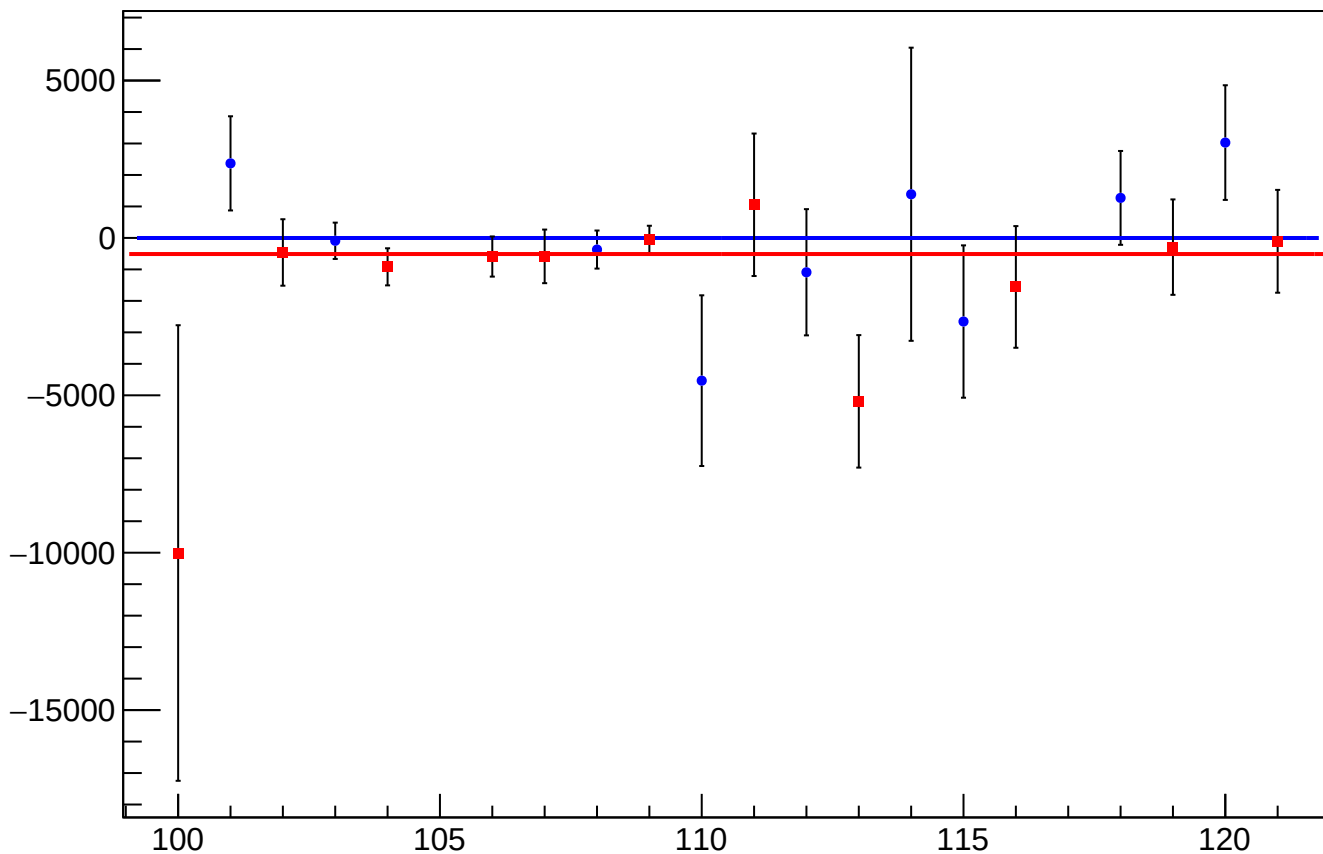
Right: 1347.917+/-0.344 χ^2/NDF : 601171.7/19

In: 1356.215+/-0.517 χ^2/NDF :413986.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1347.917+/-0.344 χ^2/NDF : 601171.7/19

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -511.723+/-264.194 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

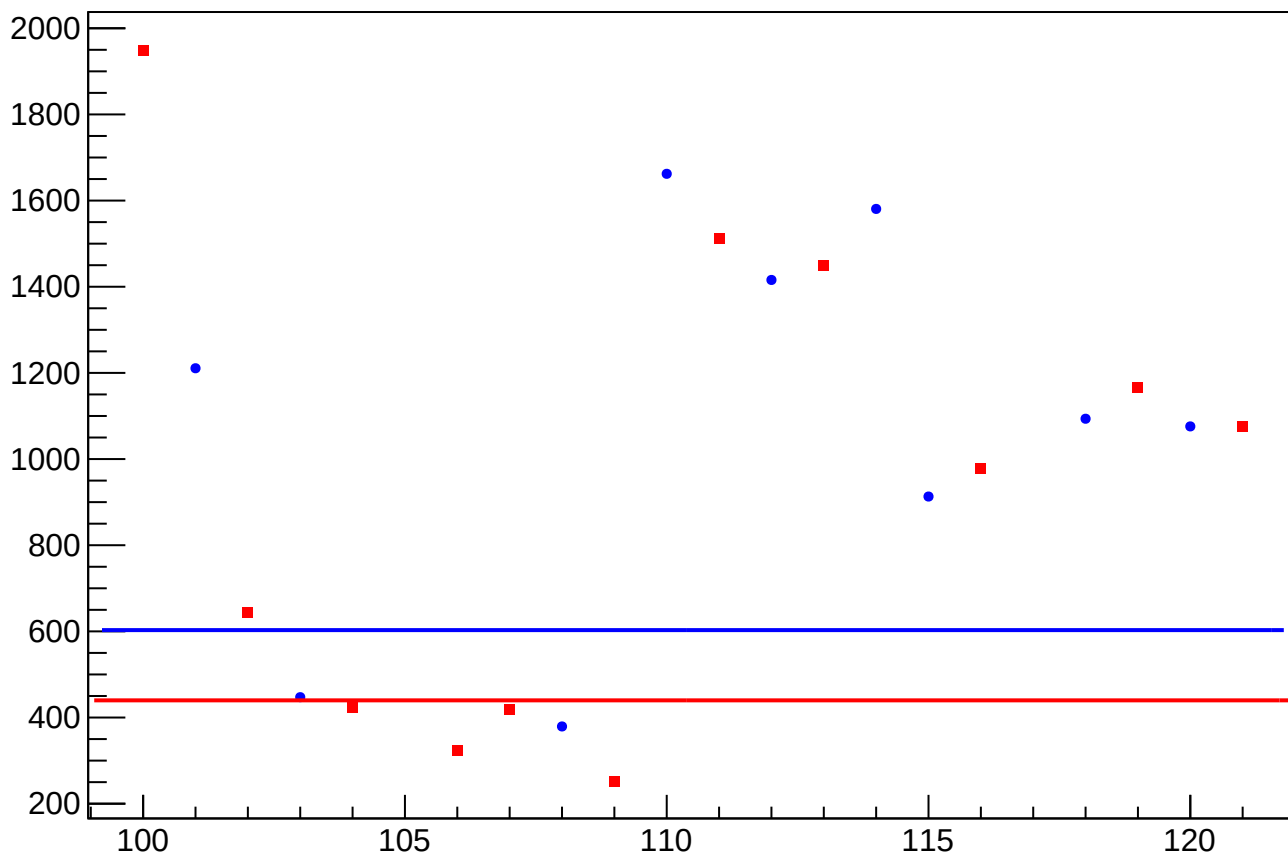
Right: -336.094+/-213.851 χ^2/NDF : 21.2/19

In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.094+/-213.851 χ^2/NDF : 21.2/19

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.884+/-0.187 χ^2/NDF : 2427392.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

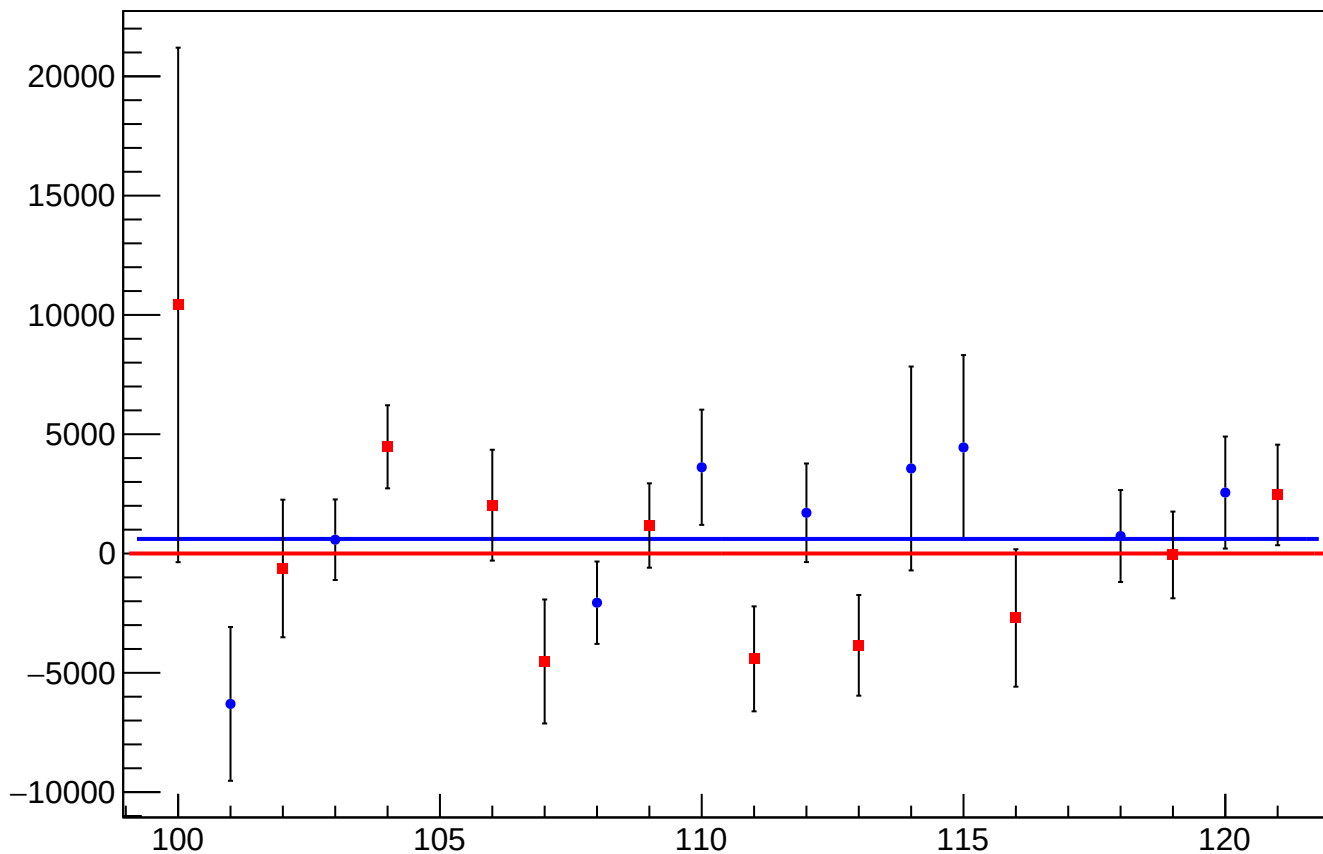
Right: 496.103+/-0.151 χ^2/NDF : 4545775.3/19

In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.103+/-0.151 χ^2/NDF : 4545775.3/19

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 611.613+/-753.673 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.160+/-675.435 χ^2/NDF : 21.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

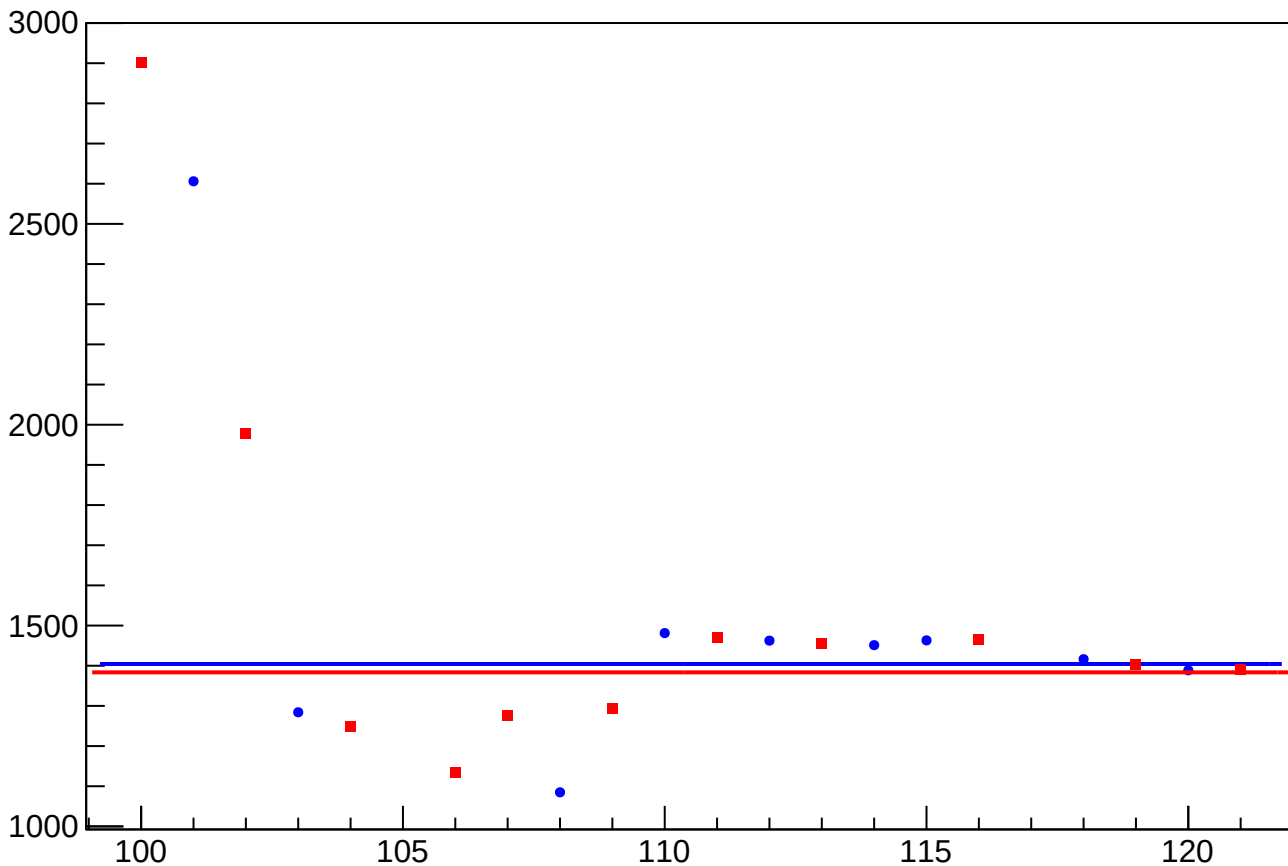
Right: 273.067+/-502.998 χ^2/NDF : 32.7/19

In: 611.613+/-753.673 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.067+/-502.998 χ^2/NDF : 32.7/19

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.345+/-0.533 χ^2/NDF : 361245.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.515+/-0.478 χ^2/NDF : 175974.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

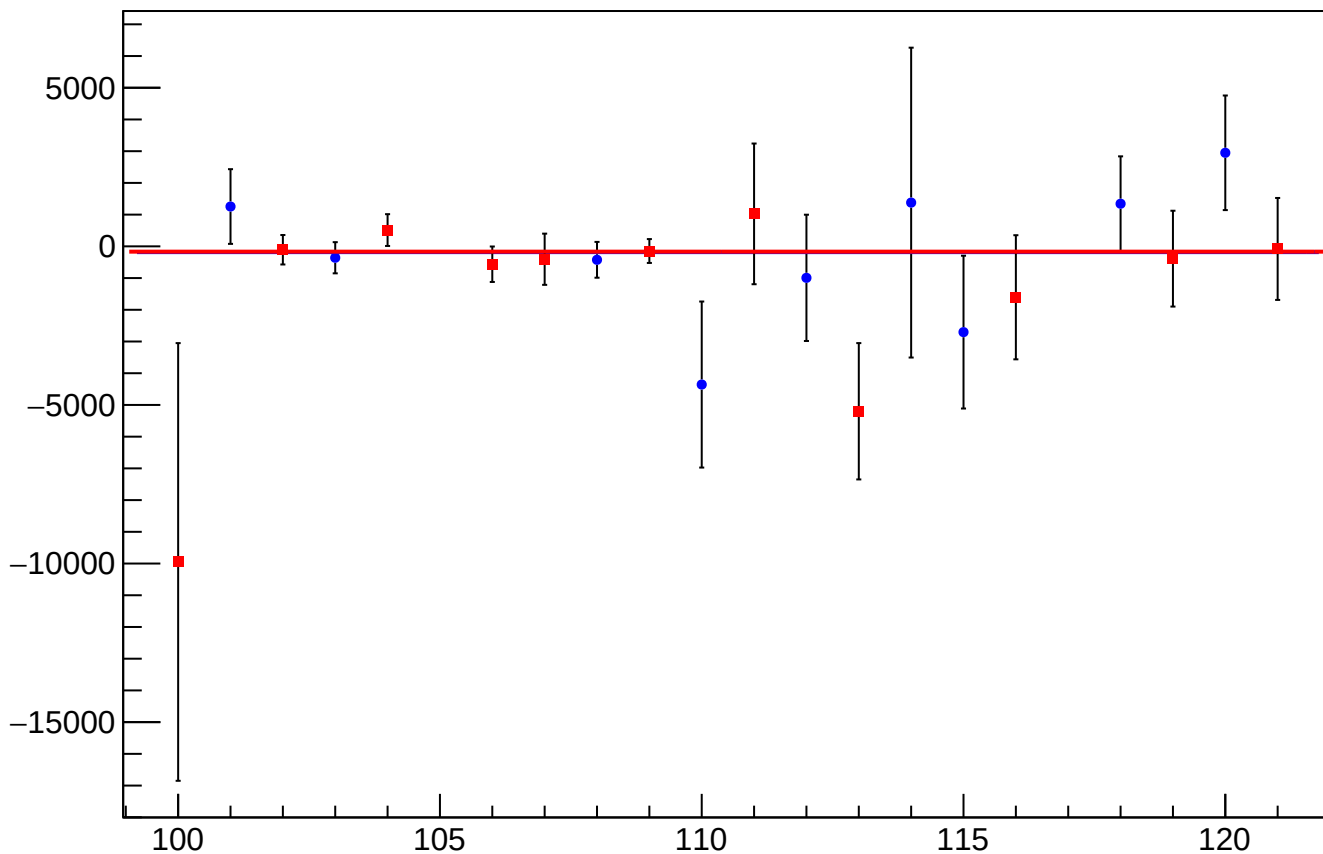
Right: 1392.793+/-0.356 χ^2/NDF : 538066.7/19

In: 1404.345+/-0.533 χ^2/NDF : 361245.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.793+/-0.356 χ^2/NDF : 538066.7/19

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -182.066+/-326.683 χ^2 /NDF: 9.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -167.303+/-213.499 χ^2 /NDF: 10.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

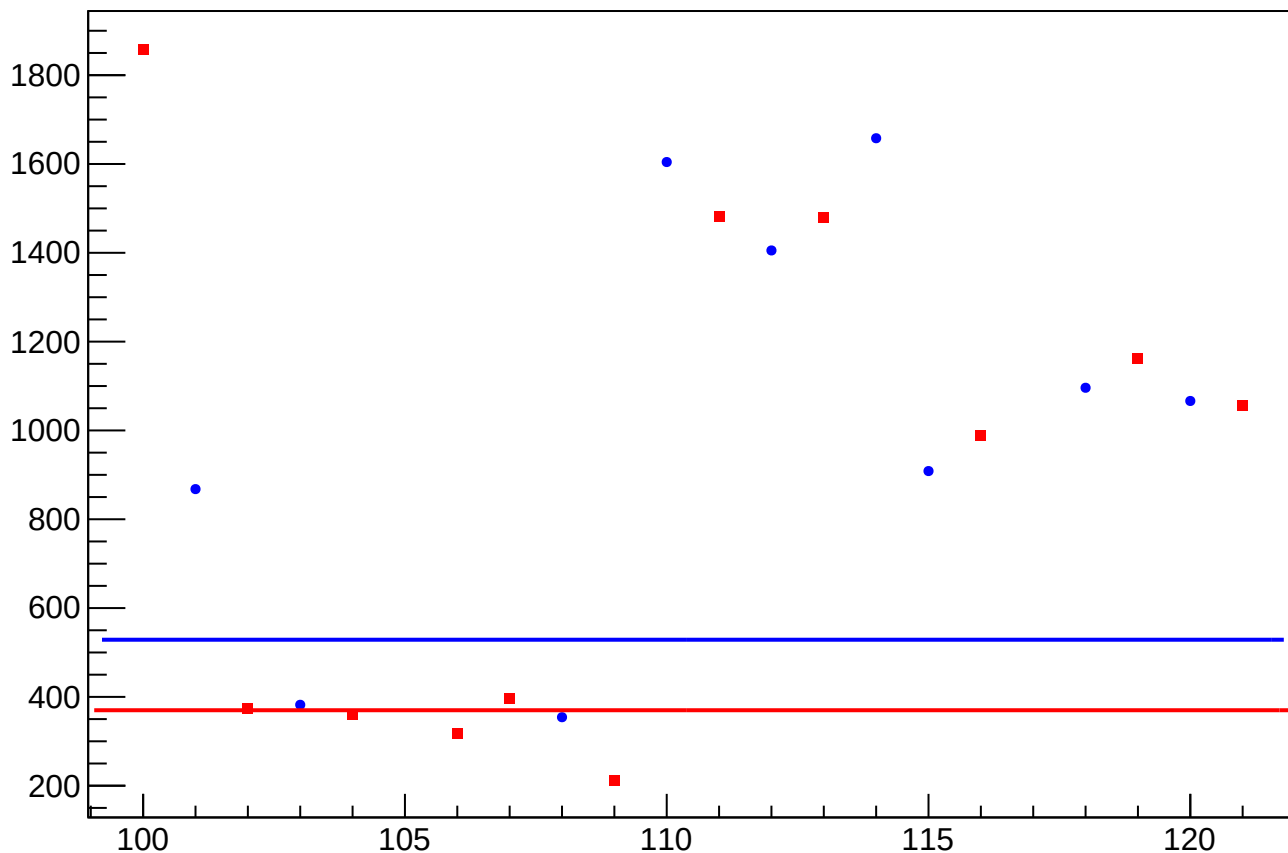
Right: -171.722+/-178.718 χ^2 /NDF: 20.6/19

In: -182.066+/-326.683 χ^2 /NDF:9.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -171.722+/-178.718 χ^2 /NDF: 20.6/19

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.721+/-0.231 χ^2/NDF : 1882883.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.949+/-0.151 χ^2/NDF : 2618715.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

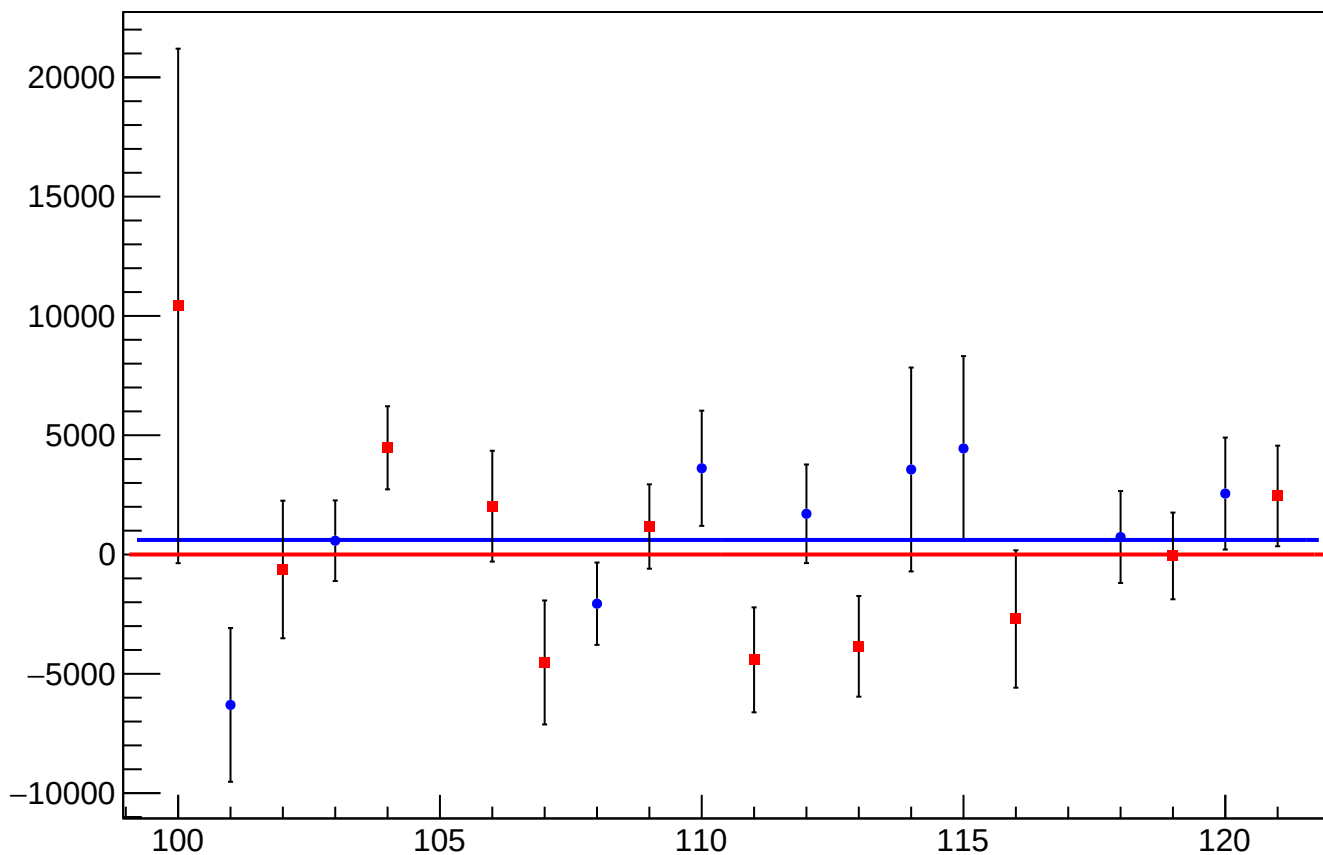
Right: 417.467+/-0.126 χ^2/NDF : 4832629.6/19

In: 528.721+/-0.231 χ^2/NDF : 1882883.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.467+/-0.126 χ^2/NDF : 4832629.6/19

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 611.606+/-753.673 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.156+/-675.435 χ^2/NDF : 21.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

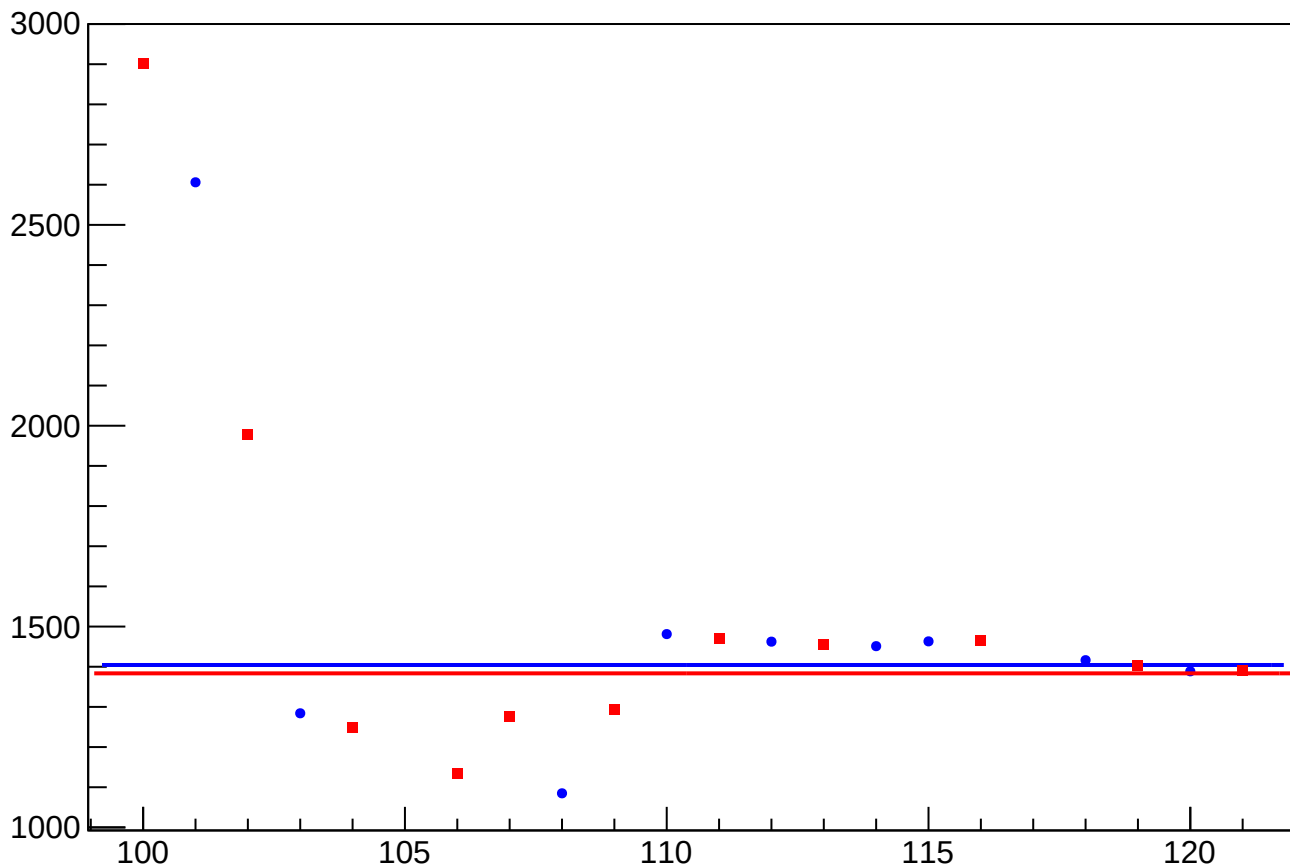
Right: 273.061+/-502.998 χ^2/NDF : 32.7/19

In: 611.606+/-753.673 χ^2/NDF :11.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.061+/-502.998 χ^2/NDF : 32.7/19

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.345+/-0.533 χ^2/NDF : 361244.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.515+/-0.478 χ^2/NDF : 175974.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

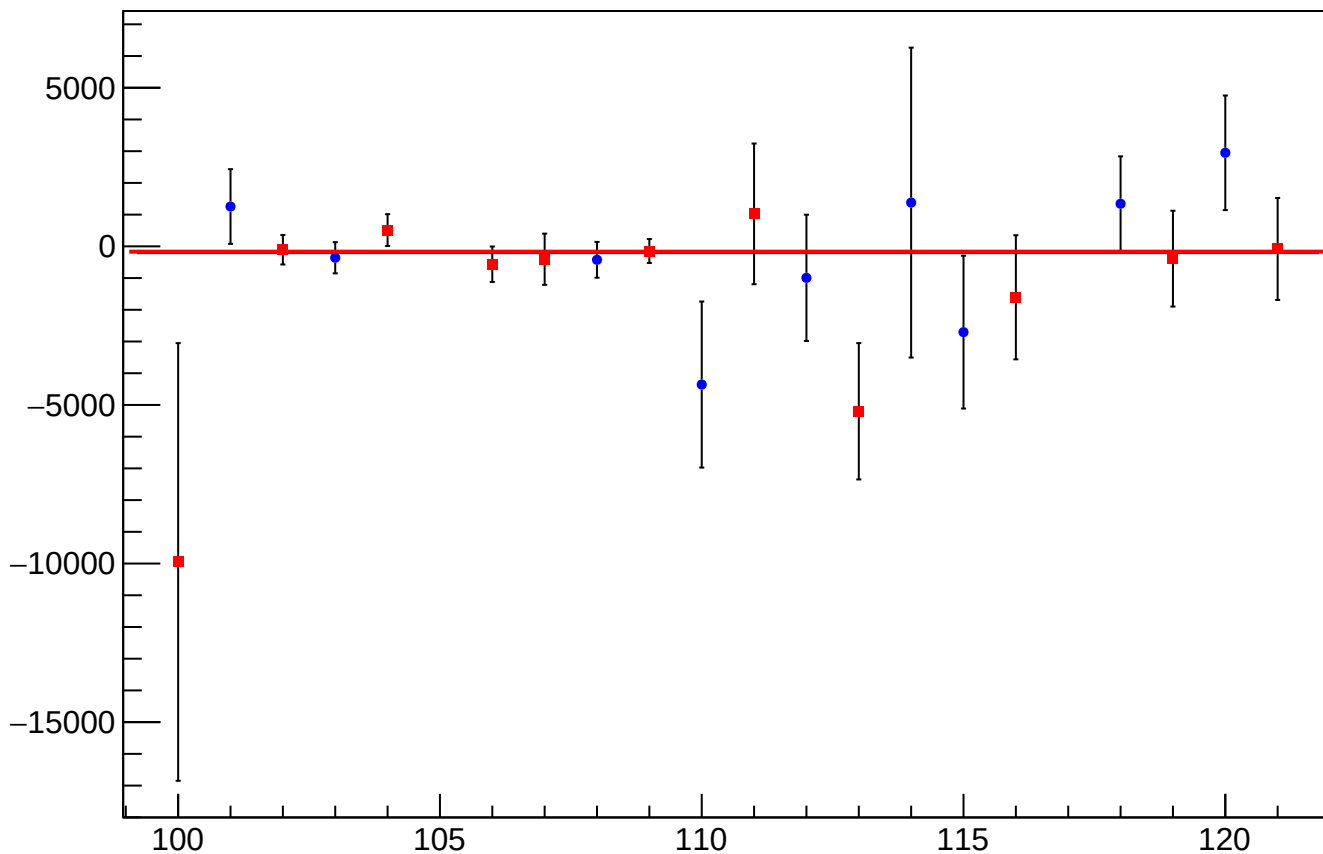
Right: 1392.793+/-0.356 χ^2/NDF : 538066.4/19

In: 1404.345+/-0.533 χ^2/NDF : 361244.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.793+/-0.356 χ^2/NDF : 538066.4/19

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -182.077 ± 326.679 χ^2/NDF : 9.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -167.297 ± 213.501 χ^2/NDF : 10.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

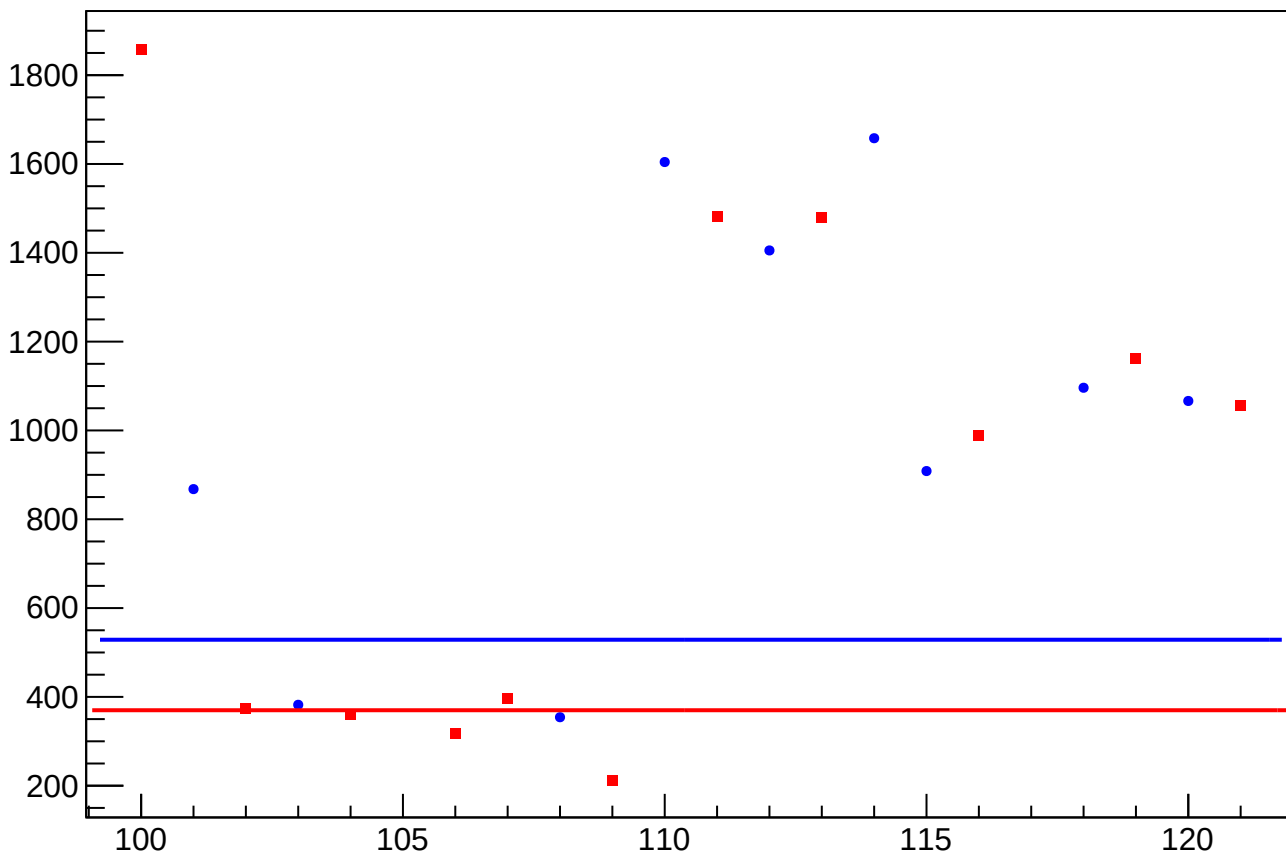
Right: -171.721 ± 178.718 χ^2/NDF : 20.6/19

In: -182.077 ± 326.679 χ^2/NDF : 9.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -171.721 ± 178.718 χ^2/NDF : 20.6/19

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.712+/-0.231 χ^2/NDF : 1882931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.953+/-0.151 χ^2/NDF : 2618654.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

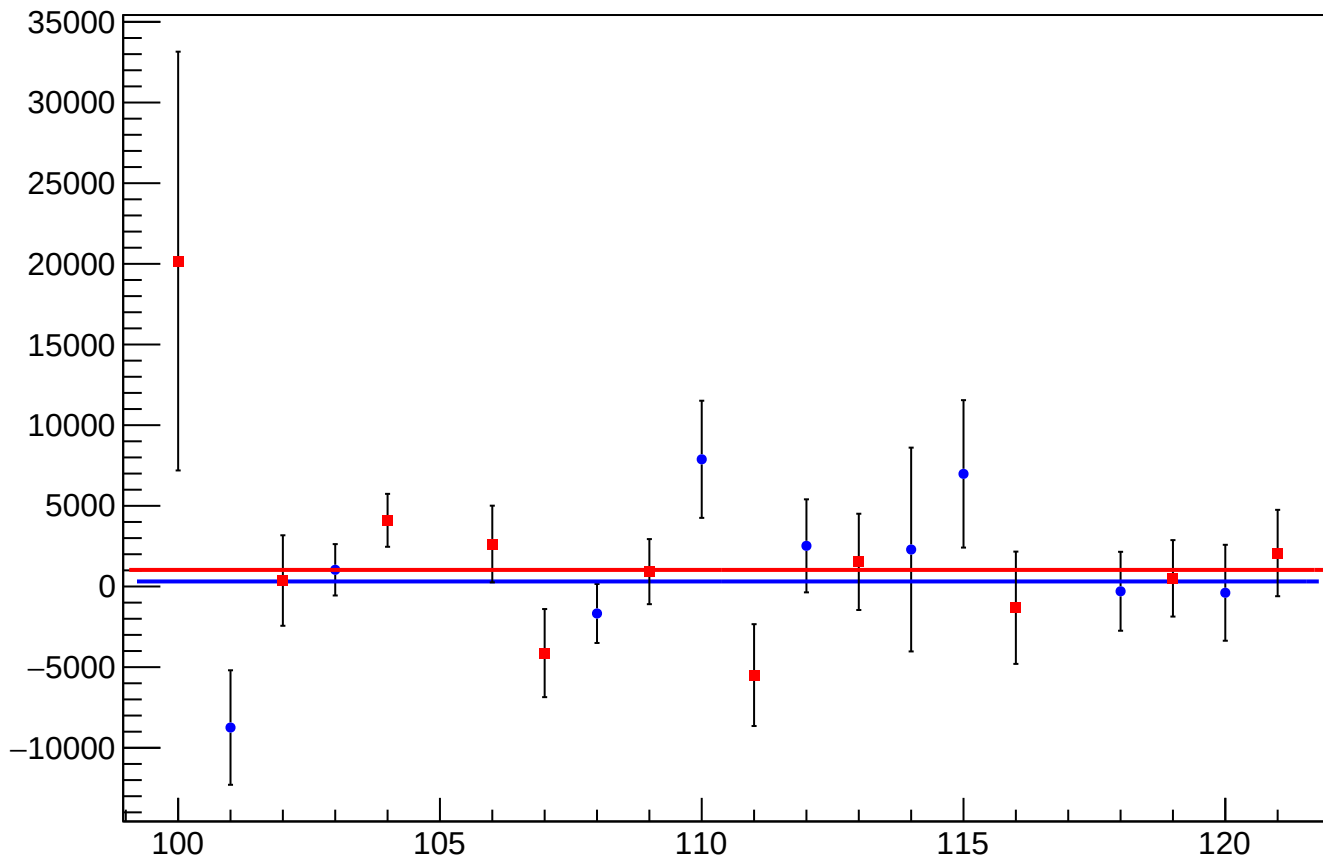
Right: 417.468+/-0.126 χ^2/NDF : 4832564.3/19

In: 528.712+/-0.231 χ^2/NDF : 1882931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.468+/-0.126 χ^2/NDF : 4832564.3/19

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 312.794+/-869.720 χ^2/NDF : 15.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.450+/-772.832 χ^2/NDF : 14.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

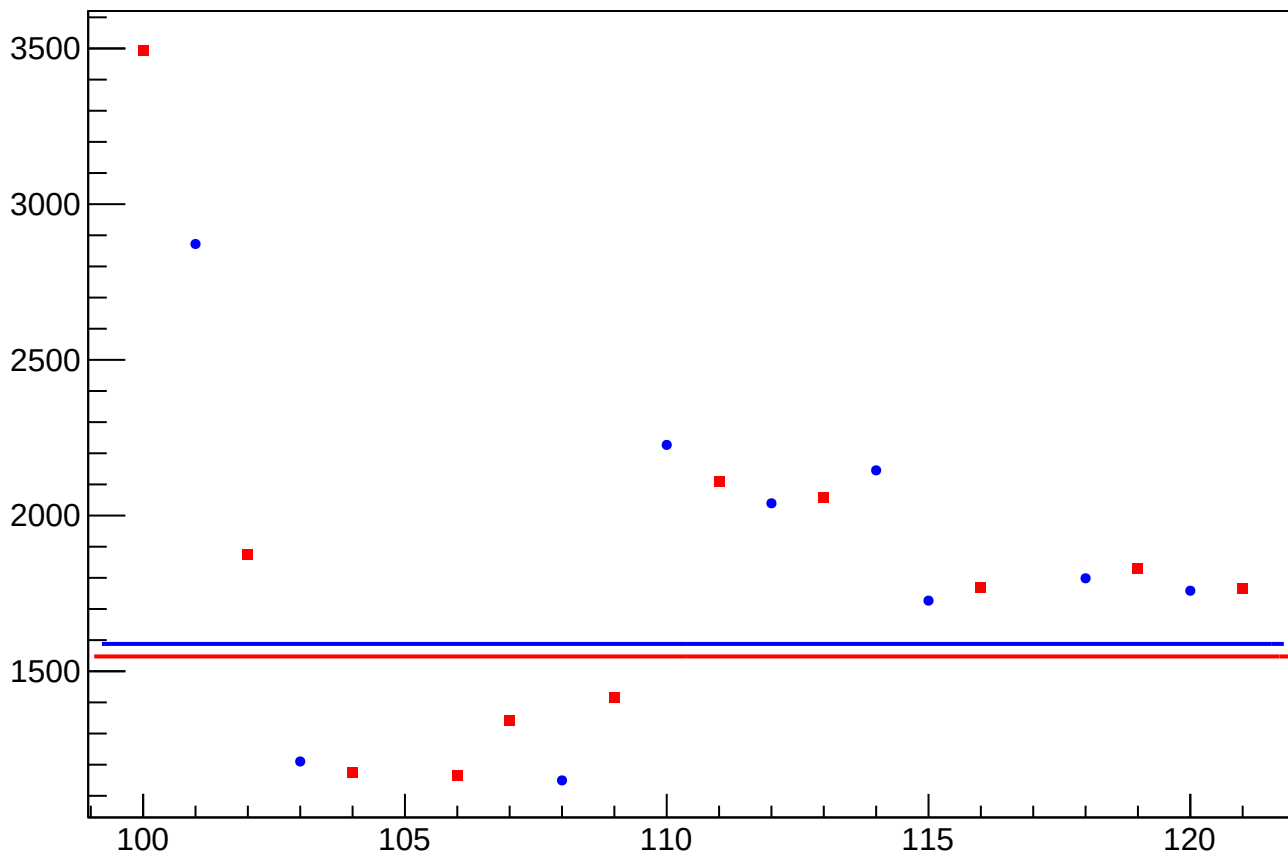
Right: 712.131+/-577.705 χ^2/NDF : 30.3/19

In: 312.794+/-869.720 χ^2/NDF : 15.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.131+/-577.705 χ^2/NDF : 30.3/19

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1587.791+/-0.615 χ^2/NDF : 639067.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.578+/-0.546 χ^2/NDF : 418160.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

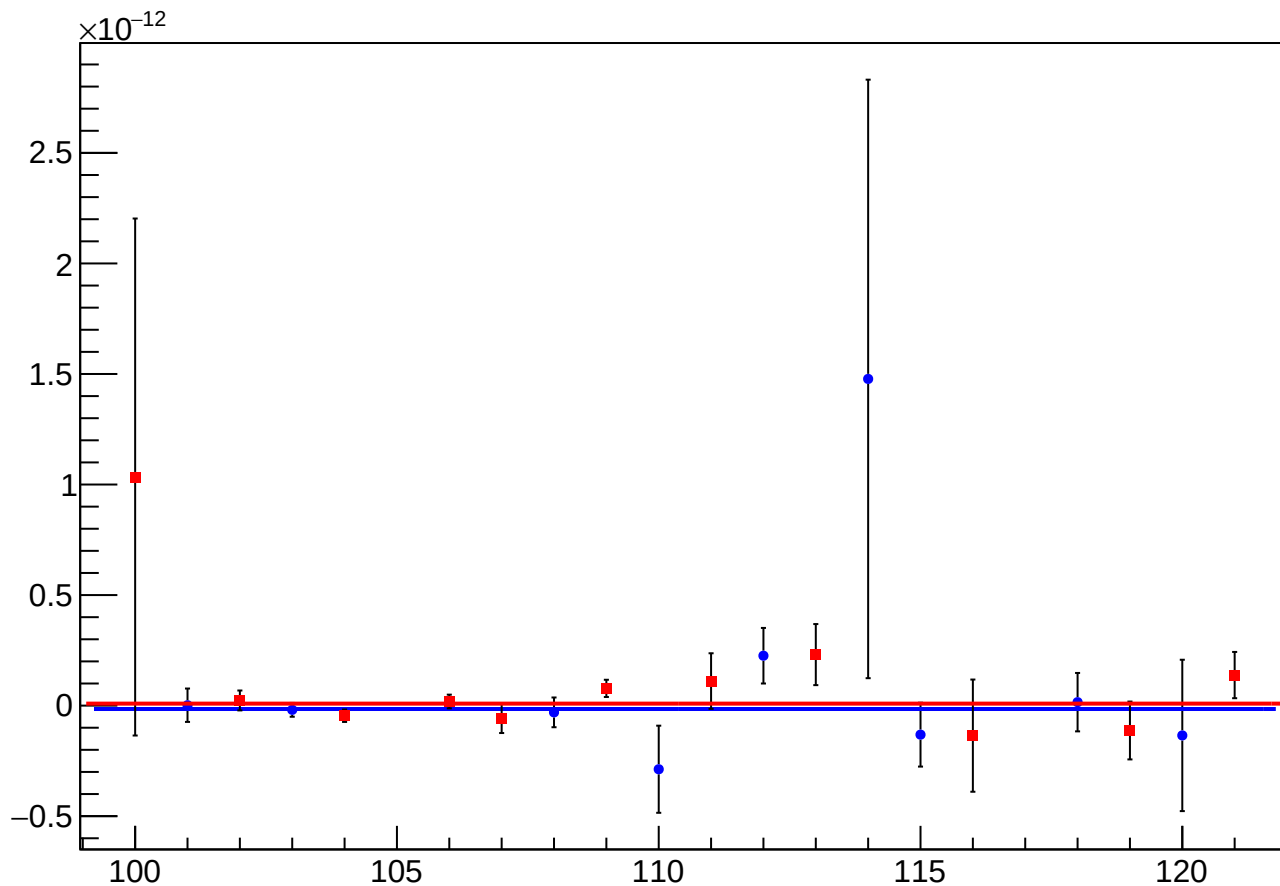
Right: 1565.321+/-0.408 χ^2/NDF : 1059617.5/19

In: 1587.791+/-0.615 χ^2/NDF : 639067.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.321+/-0.408 χ^2/NDF : 1059617.5/19

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

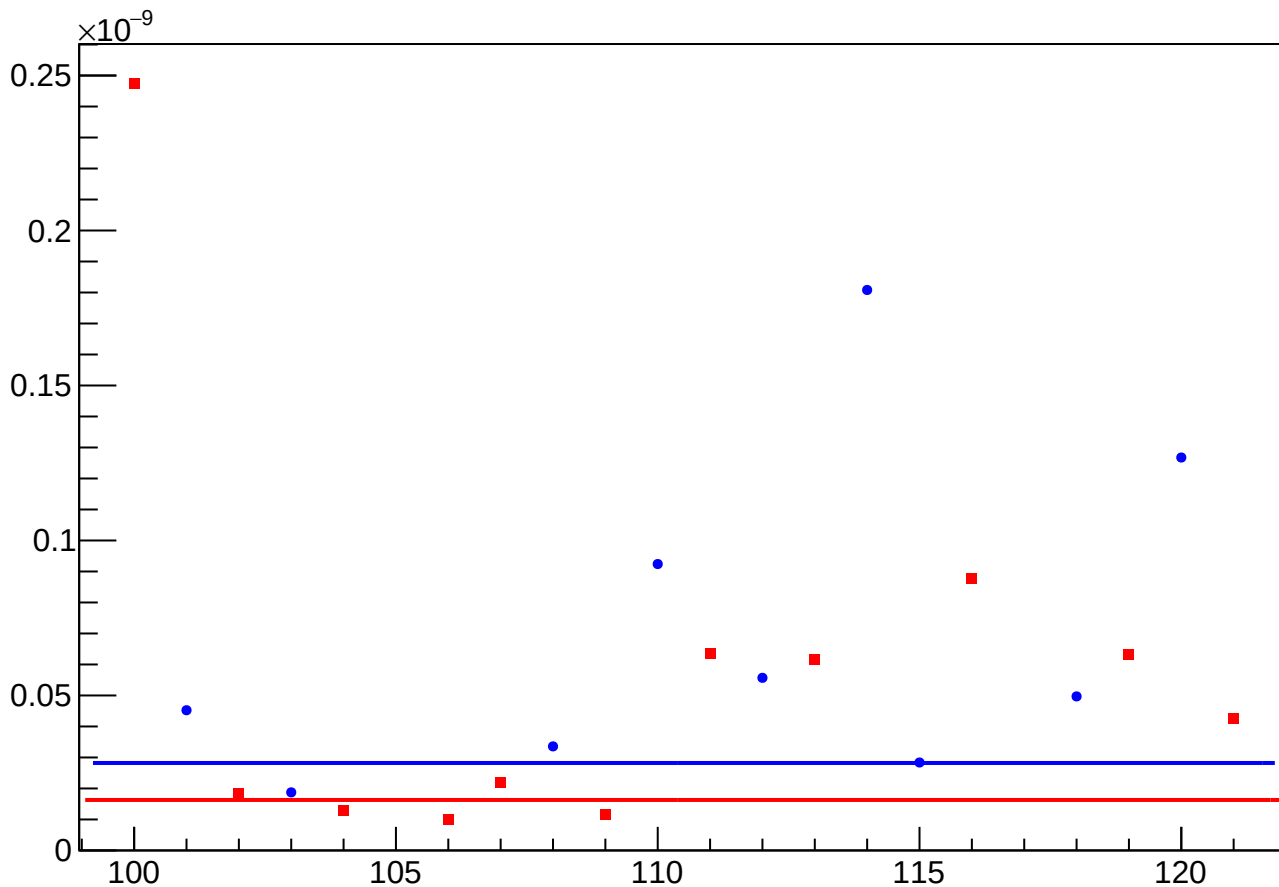
Right: 0.000+/-0.000 χ^2 /NDF: 23.2/19

In: -0.000+/-0.000 χ^2 /NDF:7.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 23.2/19

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 850334.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1281364.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

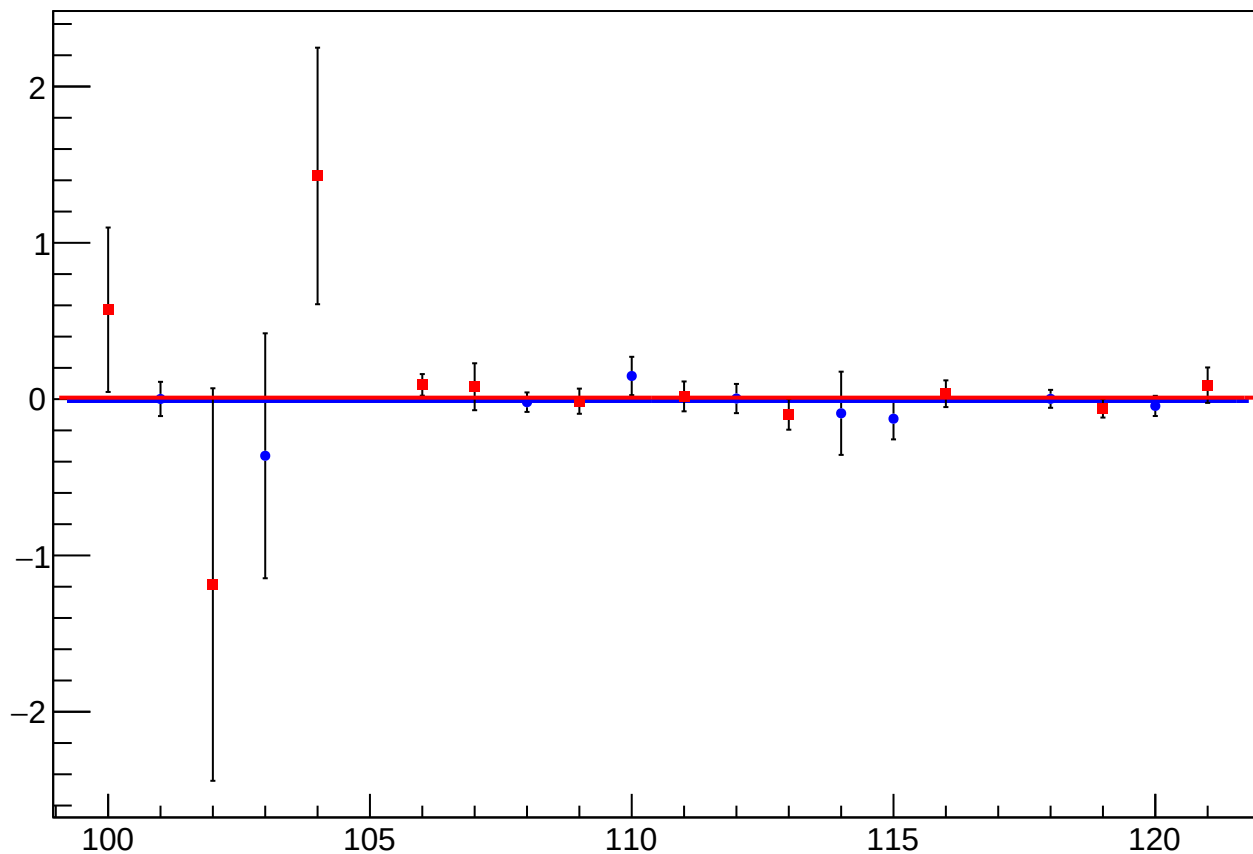
Right: 0.000+/-0.000 χ^2/NDF : 2459927.2/19

In: 0.000+/-0.000 χ^2/NDF : 850334.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2459927.2/19

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.030 χ^2/NDF : 3.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.030 χ^2/NDF : 9.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

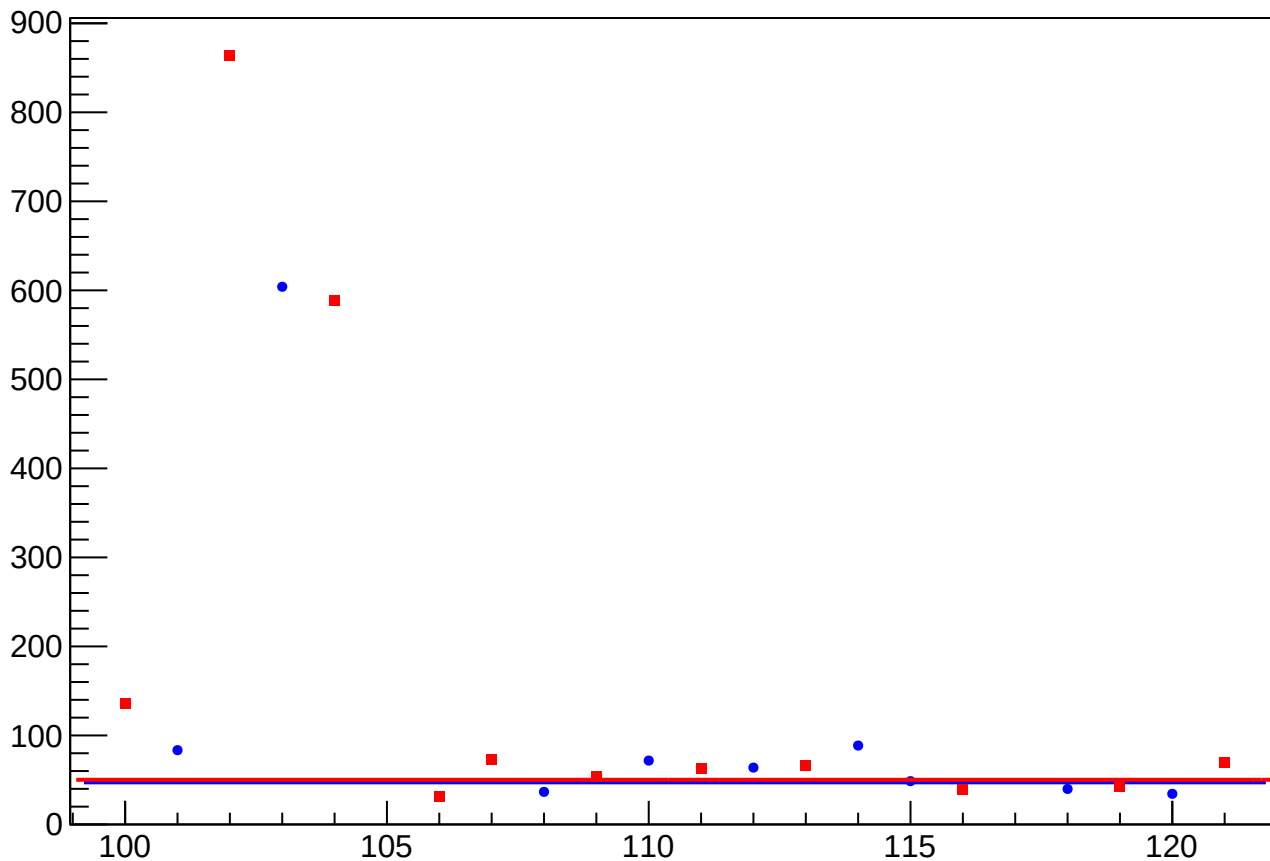
Right: -0.001 ± 0.021 χ^2/NDF : 13.2/19

In: -0.012 ± 0.030 χ^2/NDF : 3.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.021 χ^2/NDF : 13.2/19

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.196+/-0.021 χ^2/NDF : 2164434.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

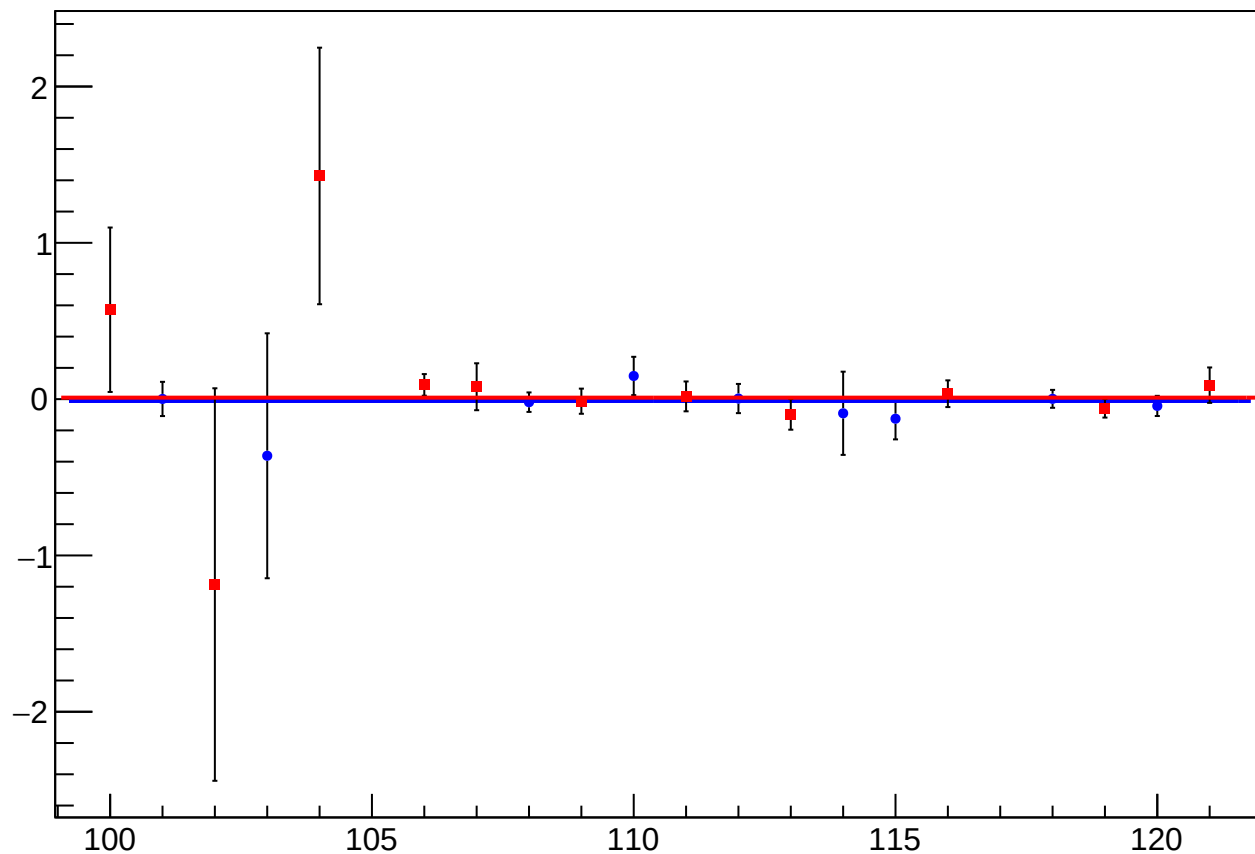
Right: 48.750+/-0.015 χ^2/NDF : 3764586.2/19

In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.750+/-0.015 χ^2/NDF : 3764586.2/19

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 3.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.030 χ^2 /NDF: 9.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

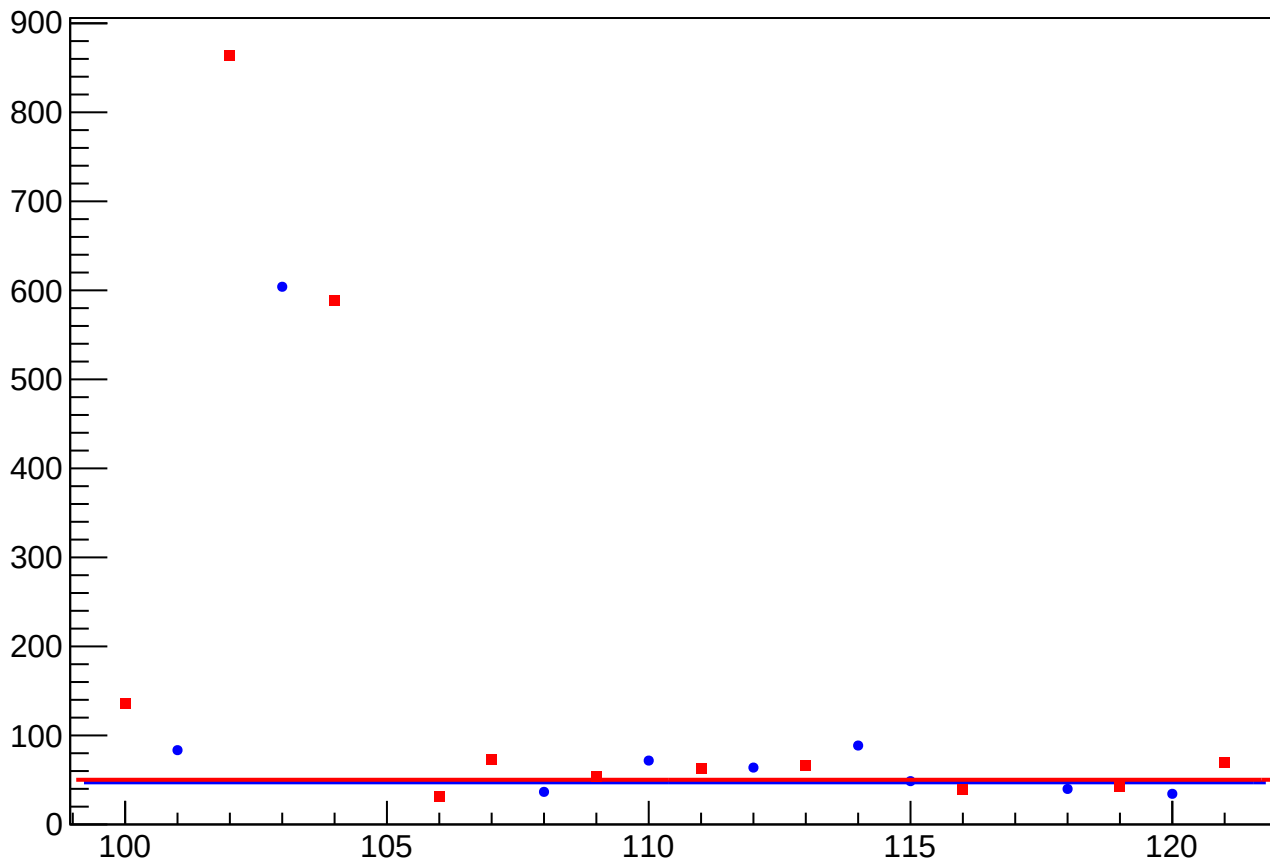
Right: -0.001 $\pm$ 0.021 χ^2 /NDF: 13.2/19

In: -0.012 $\pm$ 0.030 χ^2 /NDF:3.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.021 χ^2 /NDF: 13.2/19

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.196+/-0.021 χ^2/NDF : 2164434.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

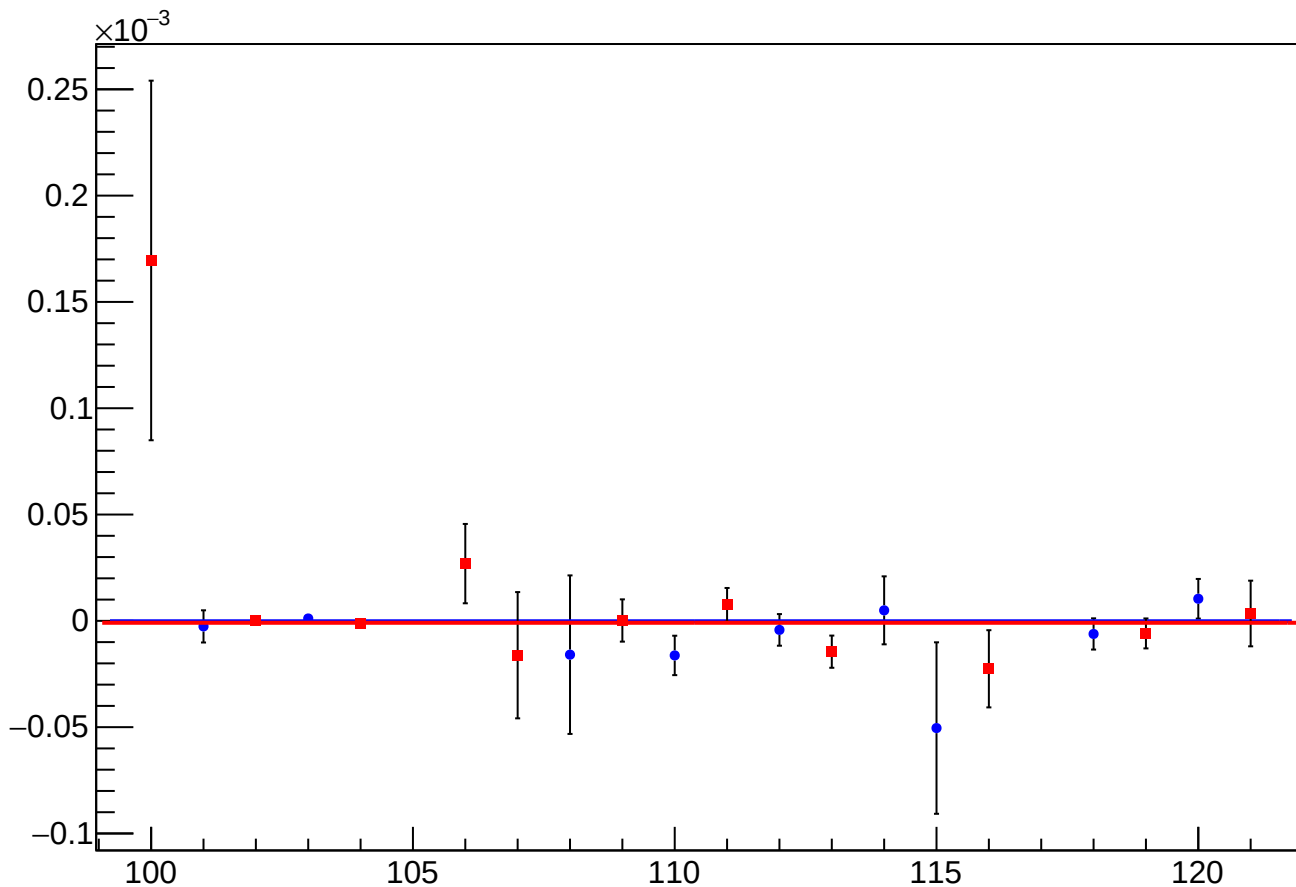
Right: 48.750+/-0.015 χ^2/NDF : 3764586.2/19

In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.750+/-0.015 χ^2/NDF : 3764586.2/19

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 : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

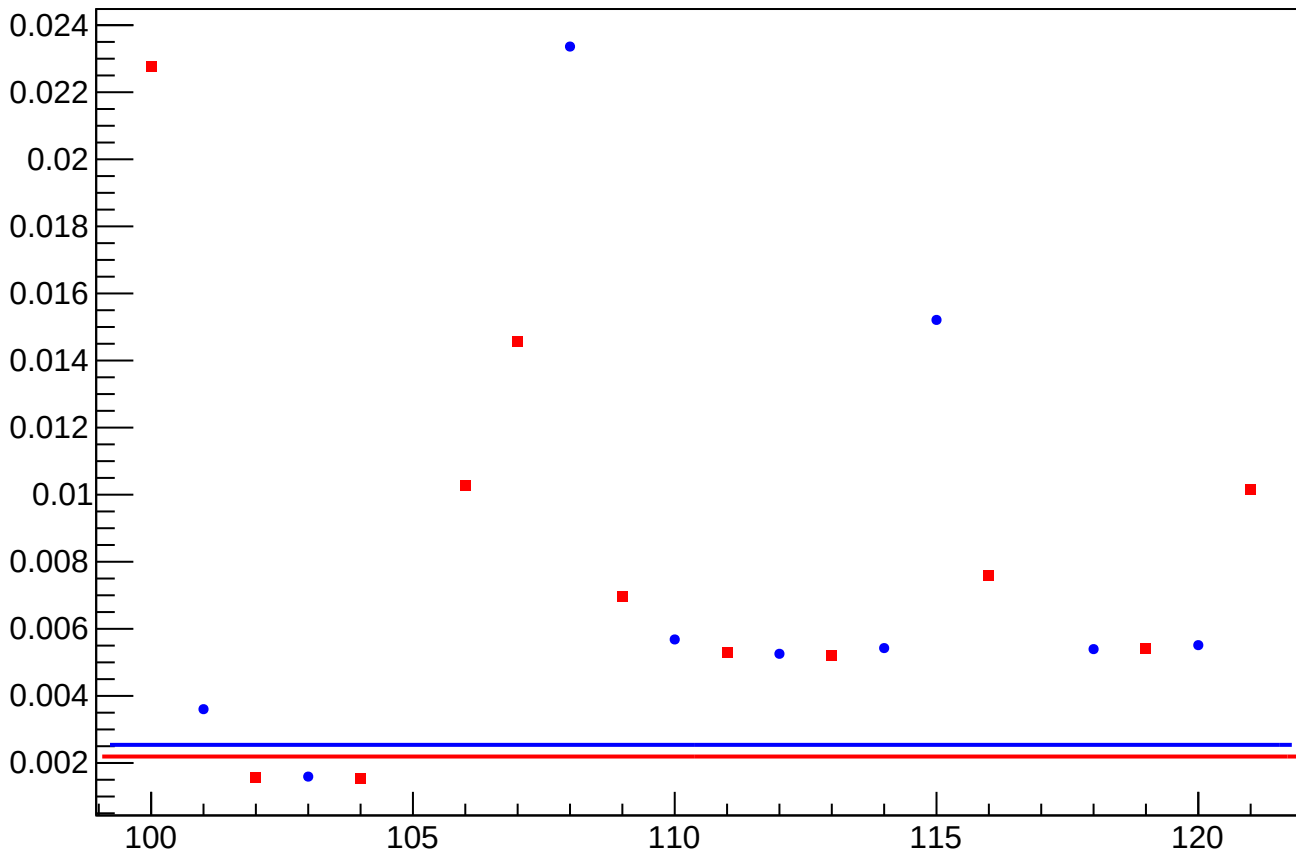
Right: -0.000+/-0.000 χ^2/NDF : 20.9/19

In: -0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/19

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 : 2355272.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3447710.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

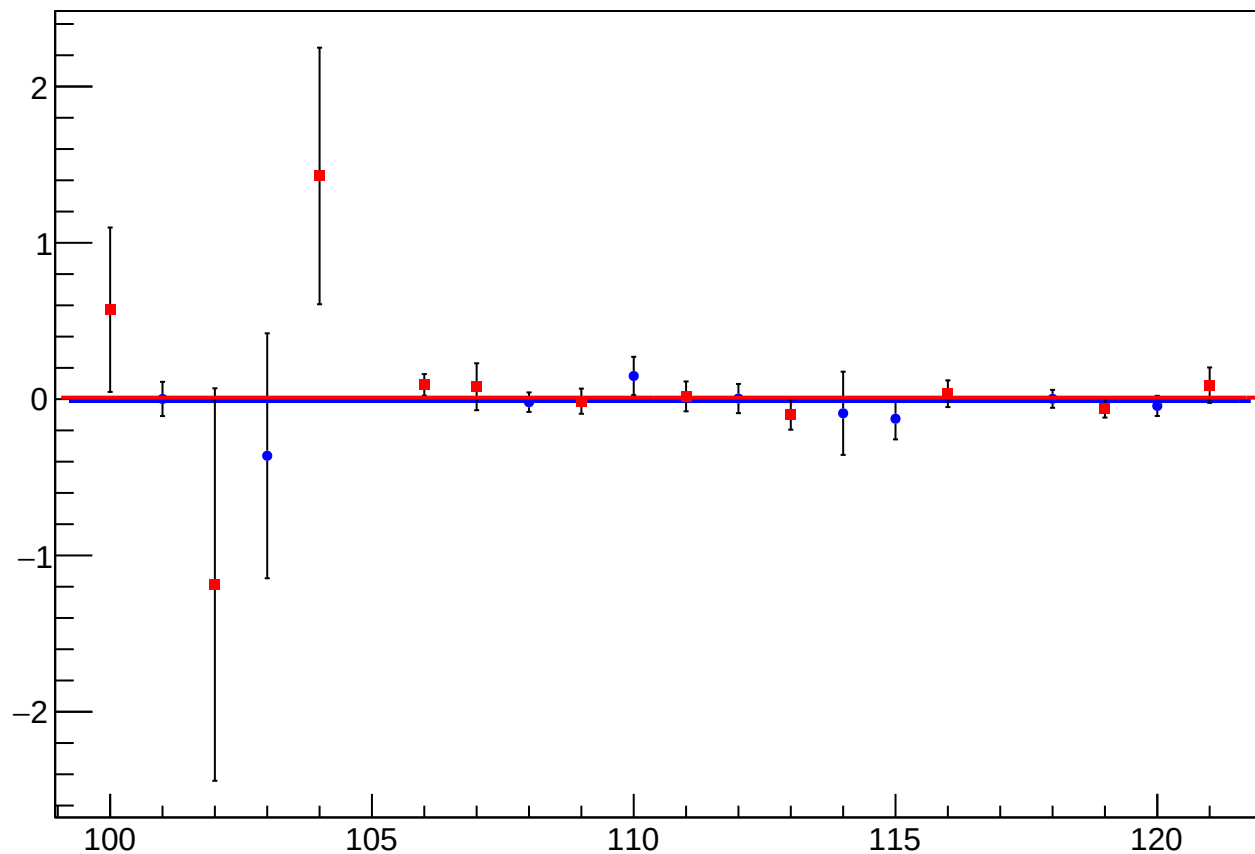
Right: 0.002+/-0.000 χ^2/NDF : 5852209.7/19

In: 0.003+/-0.000 χ^2/NDF :2355272.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5852209.7/19

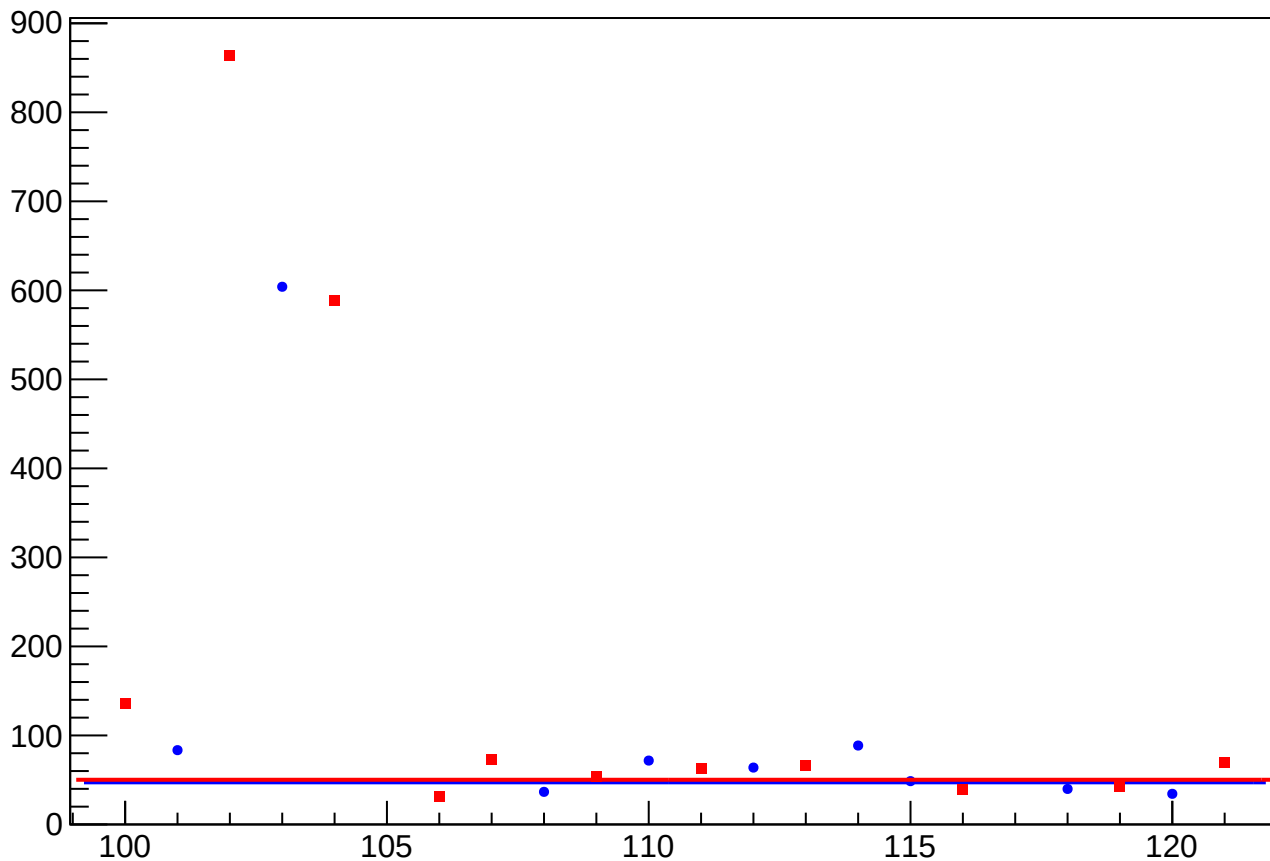
asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 3.1/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.010 $\pm$ 0.030 χ^2 /NDF: 9.9/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.001 $\pm$ 0.021 χ^2 /NDF: 13.2/19
 In: -0.012 $\pm$ 0.030 χ^2 /NDF:3.1/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.001 $\pm$ 0.021 χ^2 /NDF: 13.2/19

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.198+/-0.021 χ^2/NDF : 2164235.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

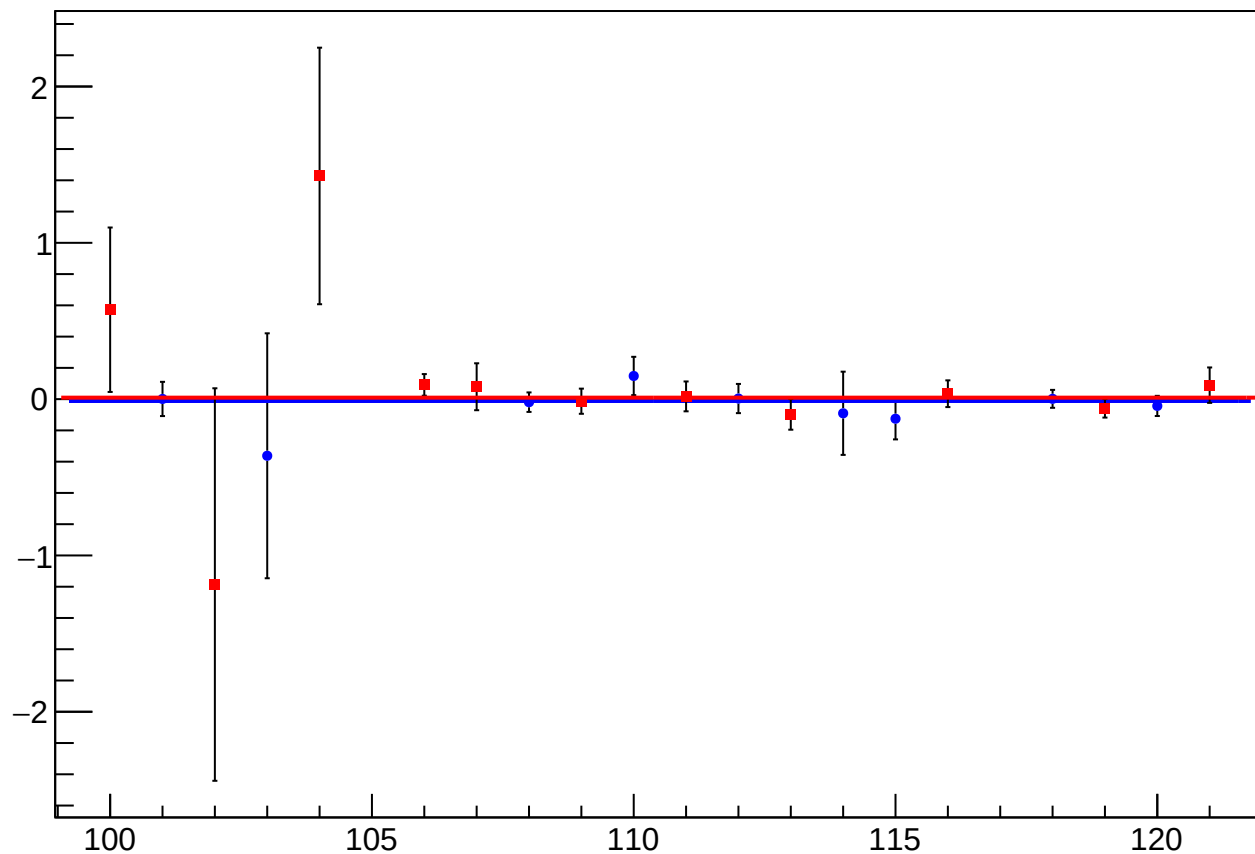
Right: 48.754+/-0.015 χ^2/NDF : 3764196.6/19

In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.754+/-0.015 χ^2/NDF : 3764196.6/19

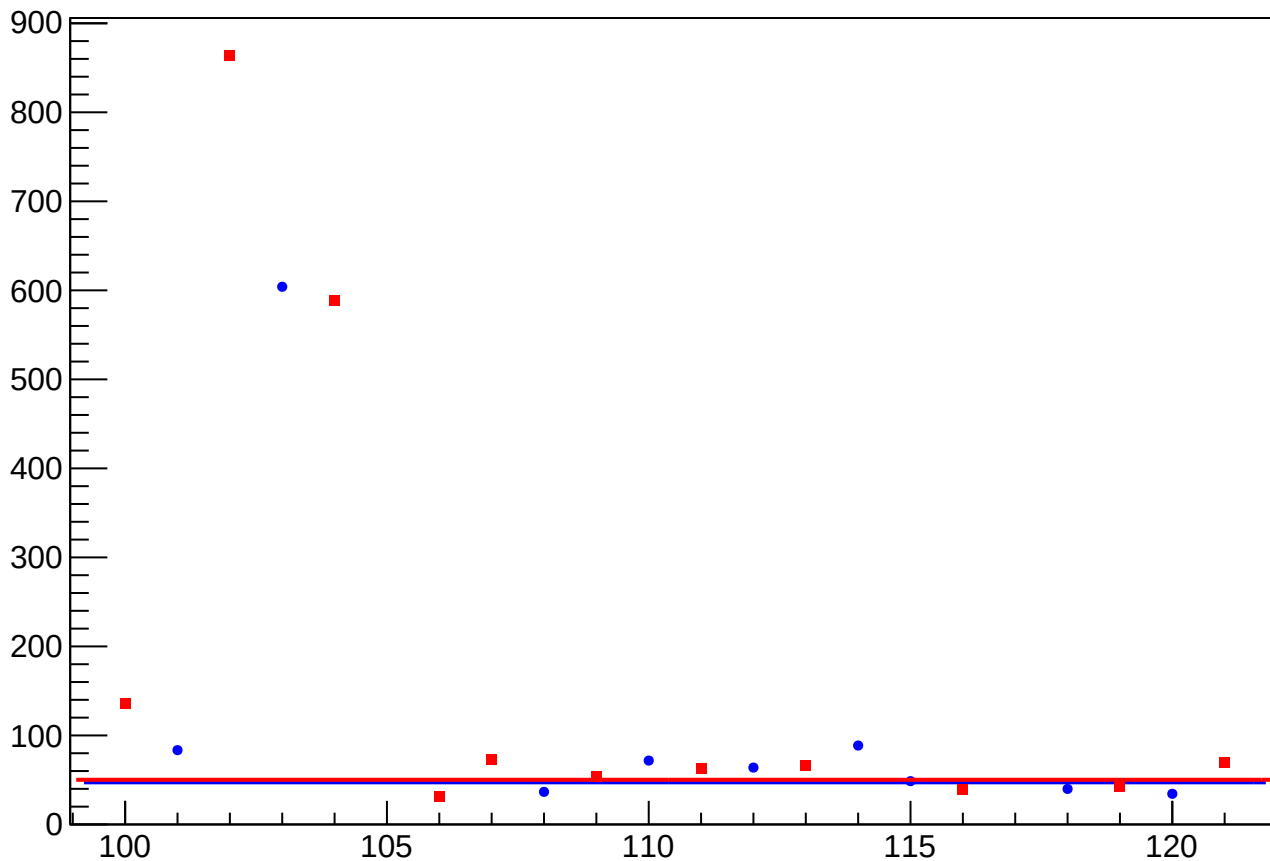
asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.030 χ^2/NDF : 3.1/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.010 ± 0.030 χ^2/NDF : 9.9/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.001 ± 0.021 χ^2/NDF : 13.2/19
 In: -0.012 ± 0.030 χ^2/NDF : 3.1/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.001 ± 0.021 χ^2/NDF : 13.2/19

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.198+/-0.021 χ^2/NDF : 2164235.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

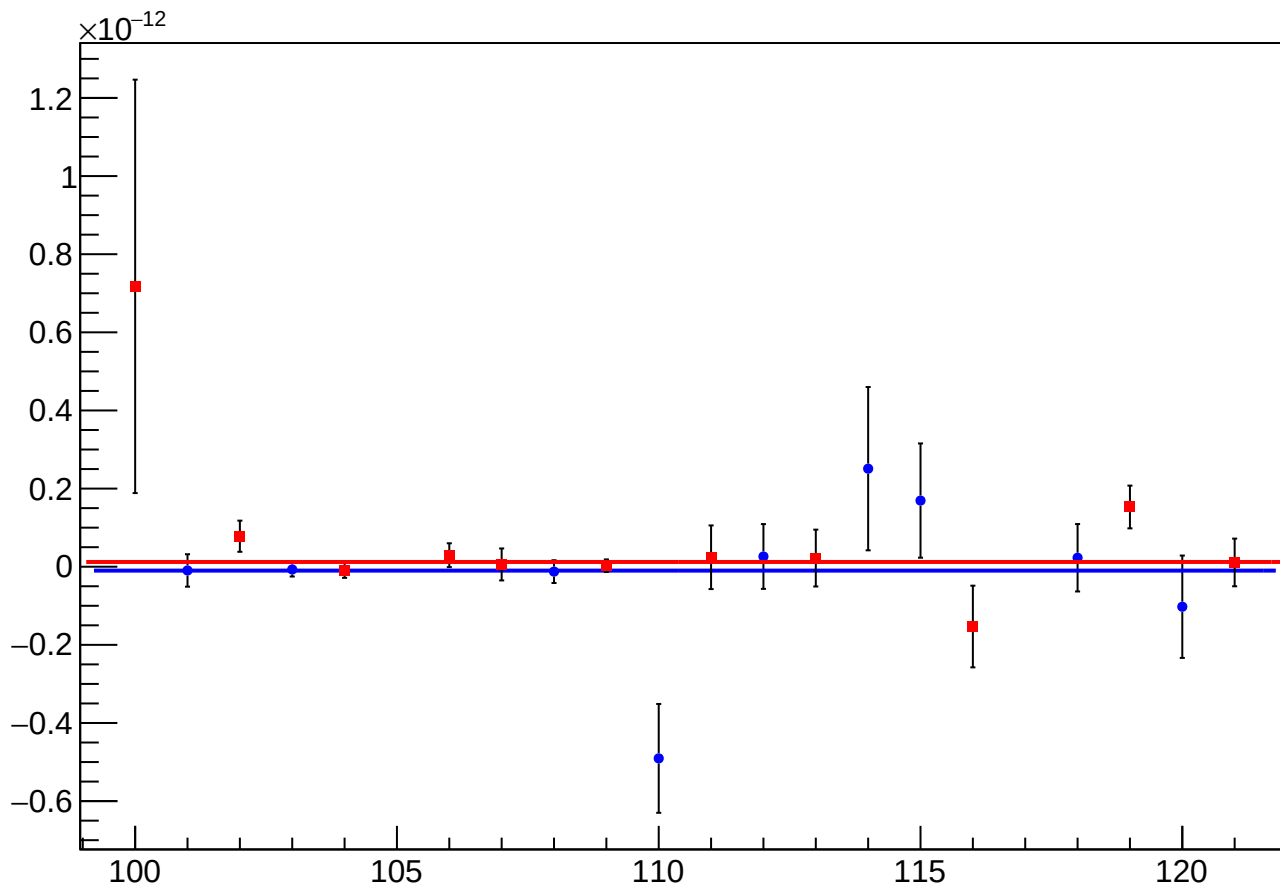
Right: 48.754+/-0.015 χ^2/NDF : 3764196.6/19

In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.754+/-0.015 χ^2/NDF : 3764196.6/19

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 : 15.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

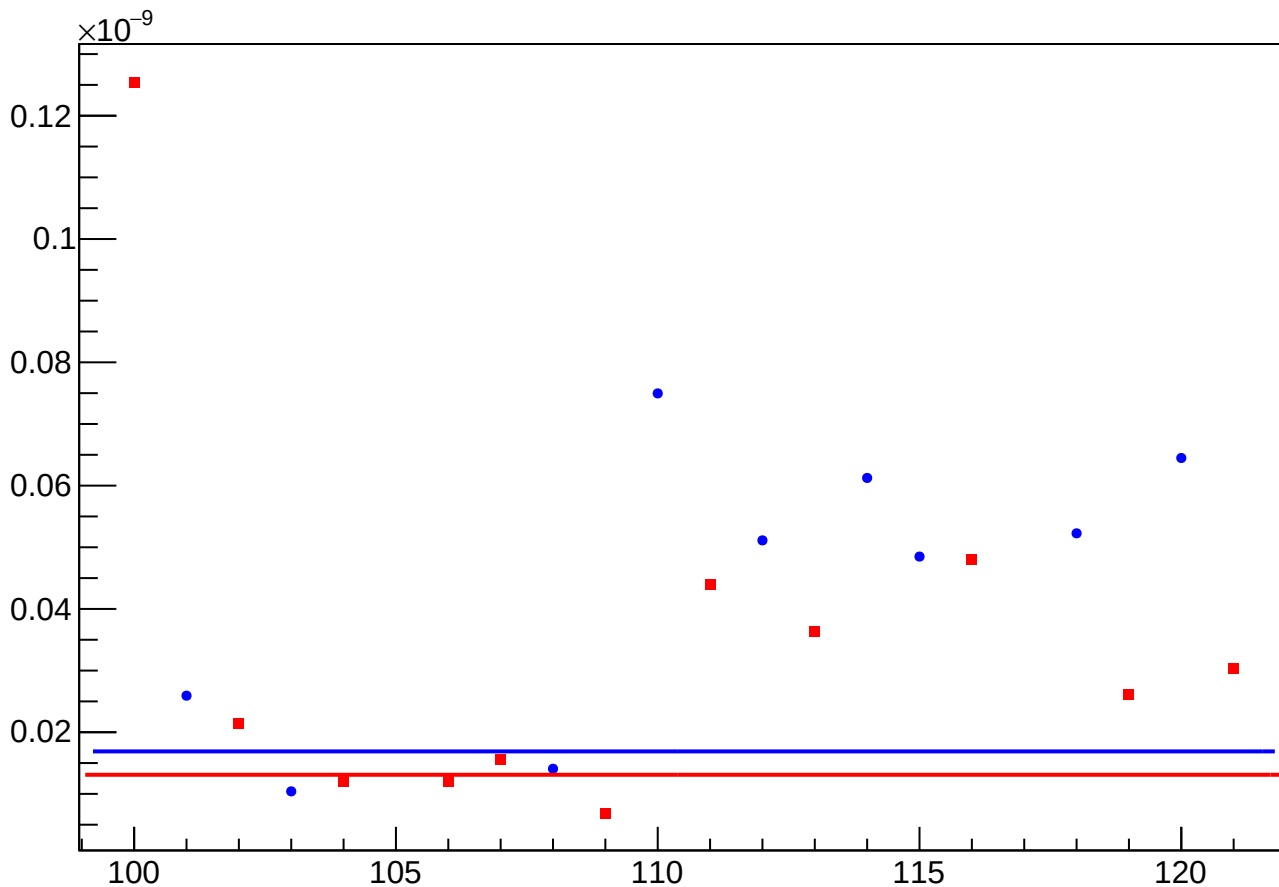
Right: 0.000+/-0.000 χ^2/NDF : 33.1/19

In: -0.000+/-0.000 χ^2/NDF : 15.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/19

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 : 1843188.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1487058.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

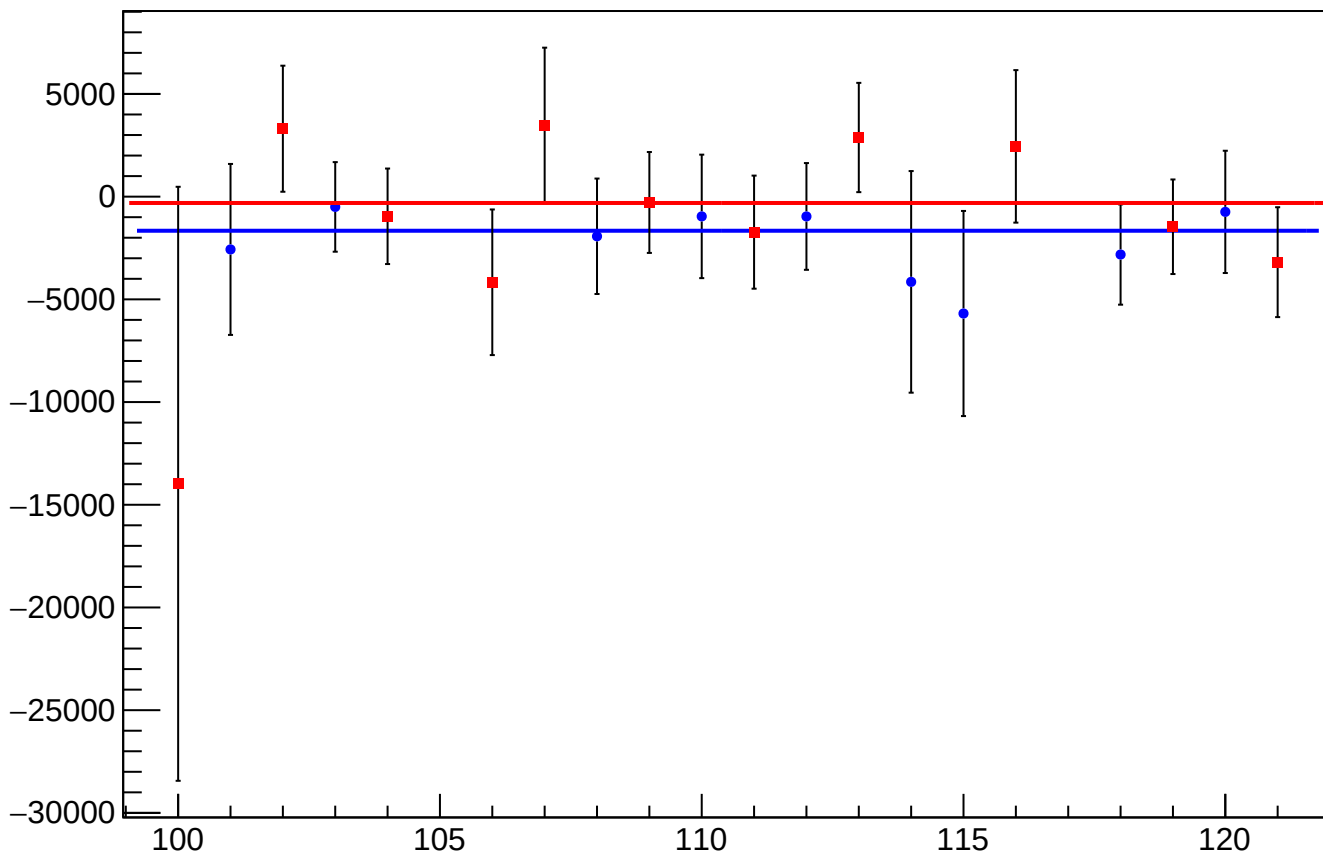
Right: 0.000+/-0.000 χ^2/NDF : 3429181.0/19

In: 0.000+/-0.000 χ^2/NDF : 1843188.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3429181.0/19

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1659.976+/-995.699 χ^2/NDF : 1.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.243+/-882.014 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

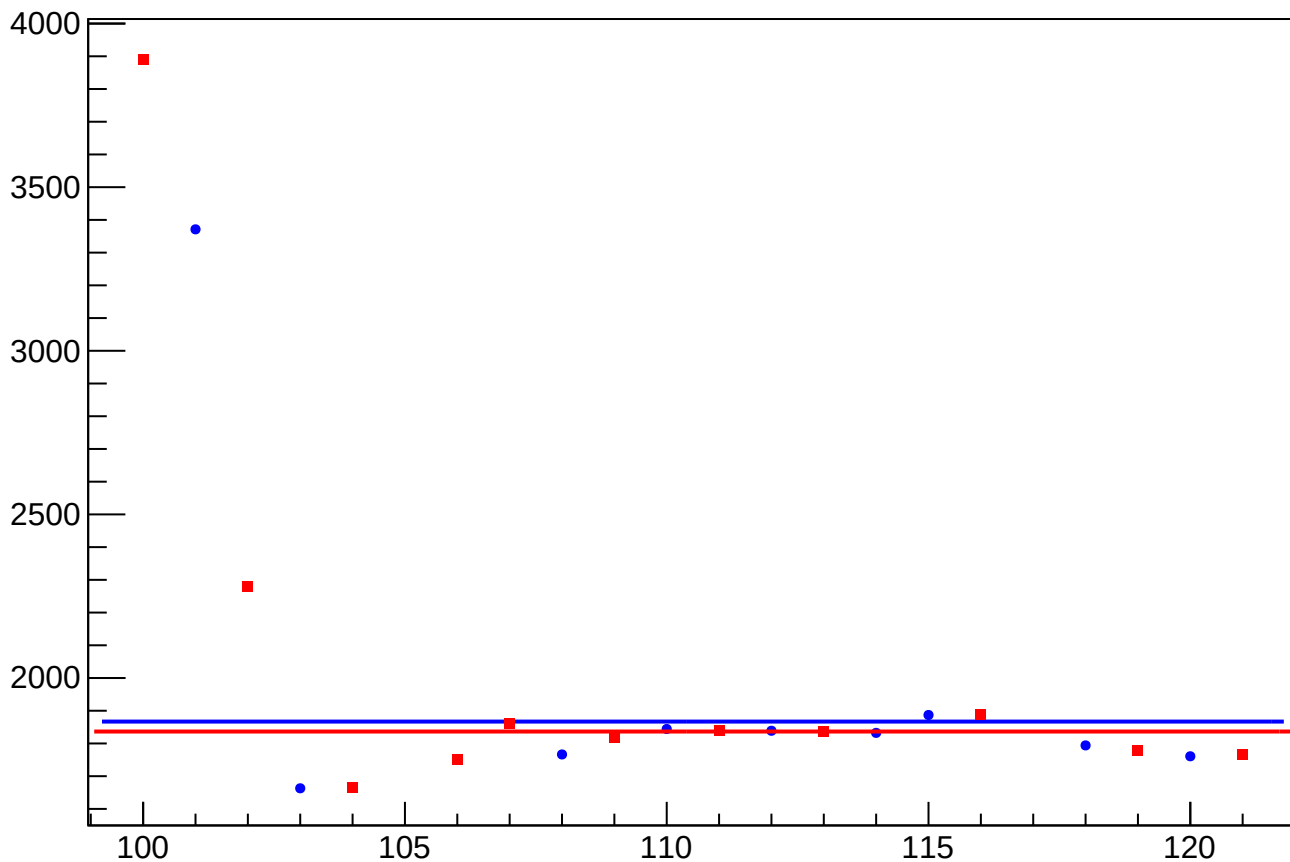
Right: -902.568+/-660.229 χ^2/NDF : 10.9/19

In: -1659.976+/-995.699 χ^2/NDF : 1.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -902.568+/-660.229 χ^2/NDF : 10.9/19

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1866.884+/-0.704 χ^2/NDF : 286104.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1836.487+/-0.624 χ^2/NDF : 97462.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

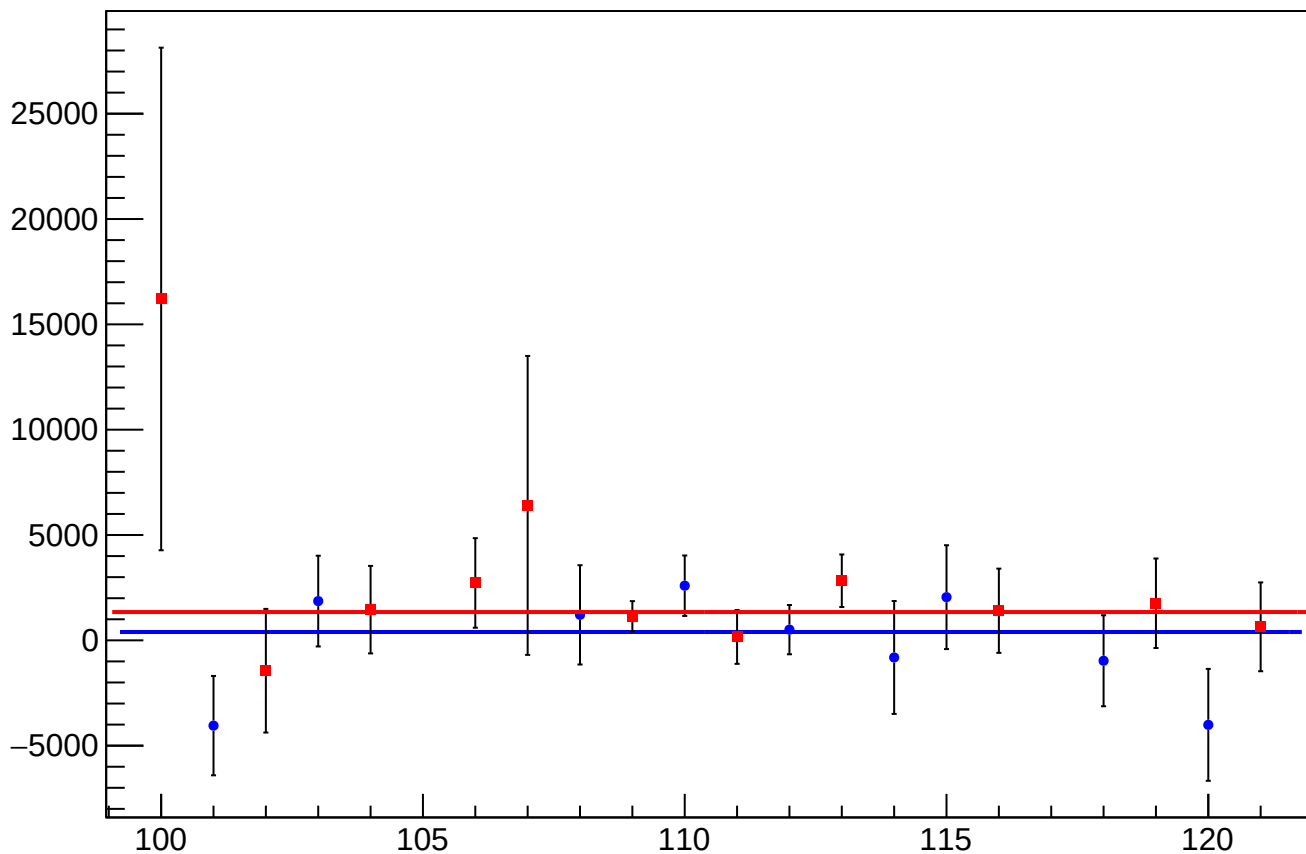
Right: 1849.852+/-0.467 χ^2/NDF : 384610.9/19

In: 1866.884+/-0.704 χ^2/NDF : 286104.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.852+/-0.467 χ^2/NDF : 384610.9/19

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 395.946+/-638.466 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1344.420+/-471.981 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

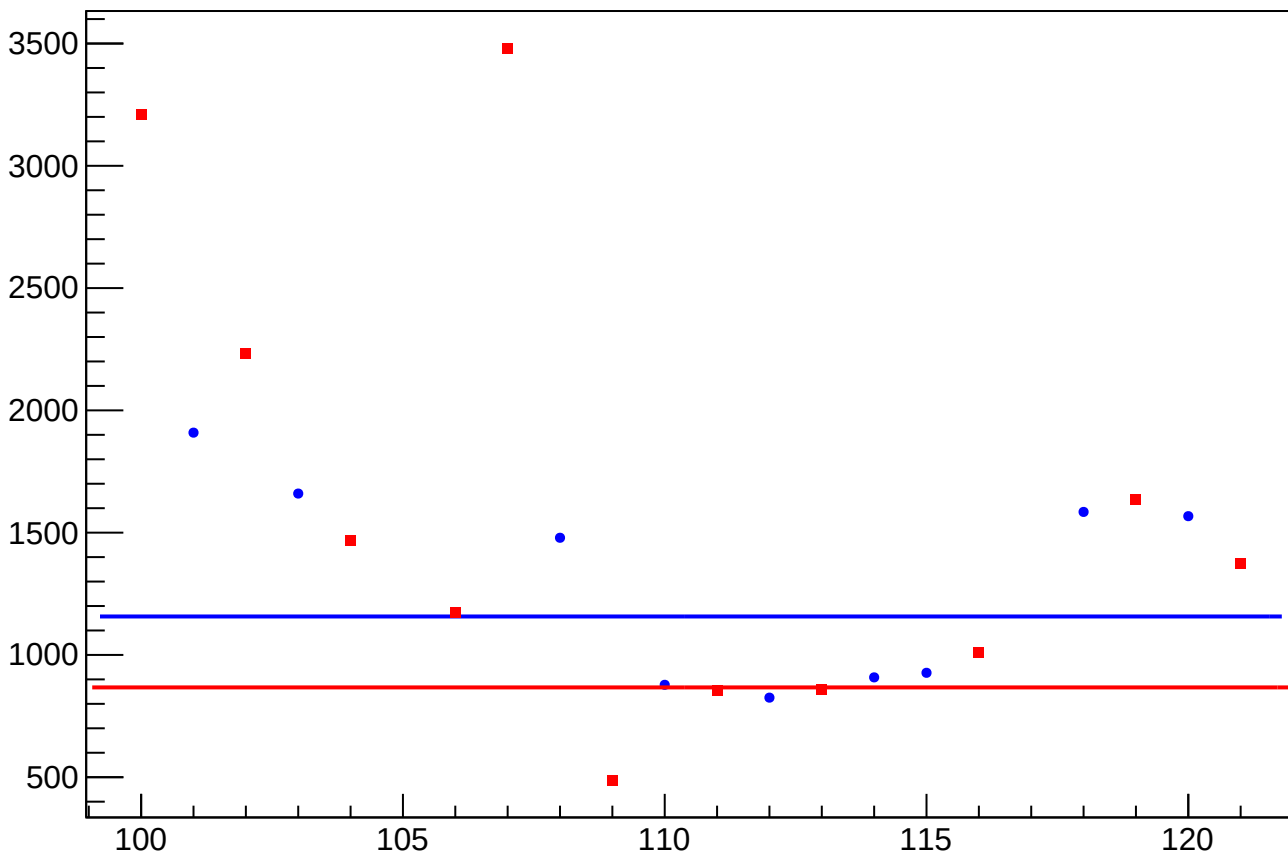
Right: 1009.258+/-379.535 χ^2/NDF : 17.6/19

In: 395.946+/-638.466 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1009.258+/-379.535 χ^2/NDF : 17.6/19

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1157.250+/-0.451 χ^2/NDF : 747296.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 867.192+/-0.334 χ^2/NDF : 1942699.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

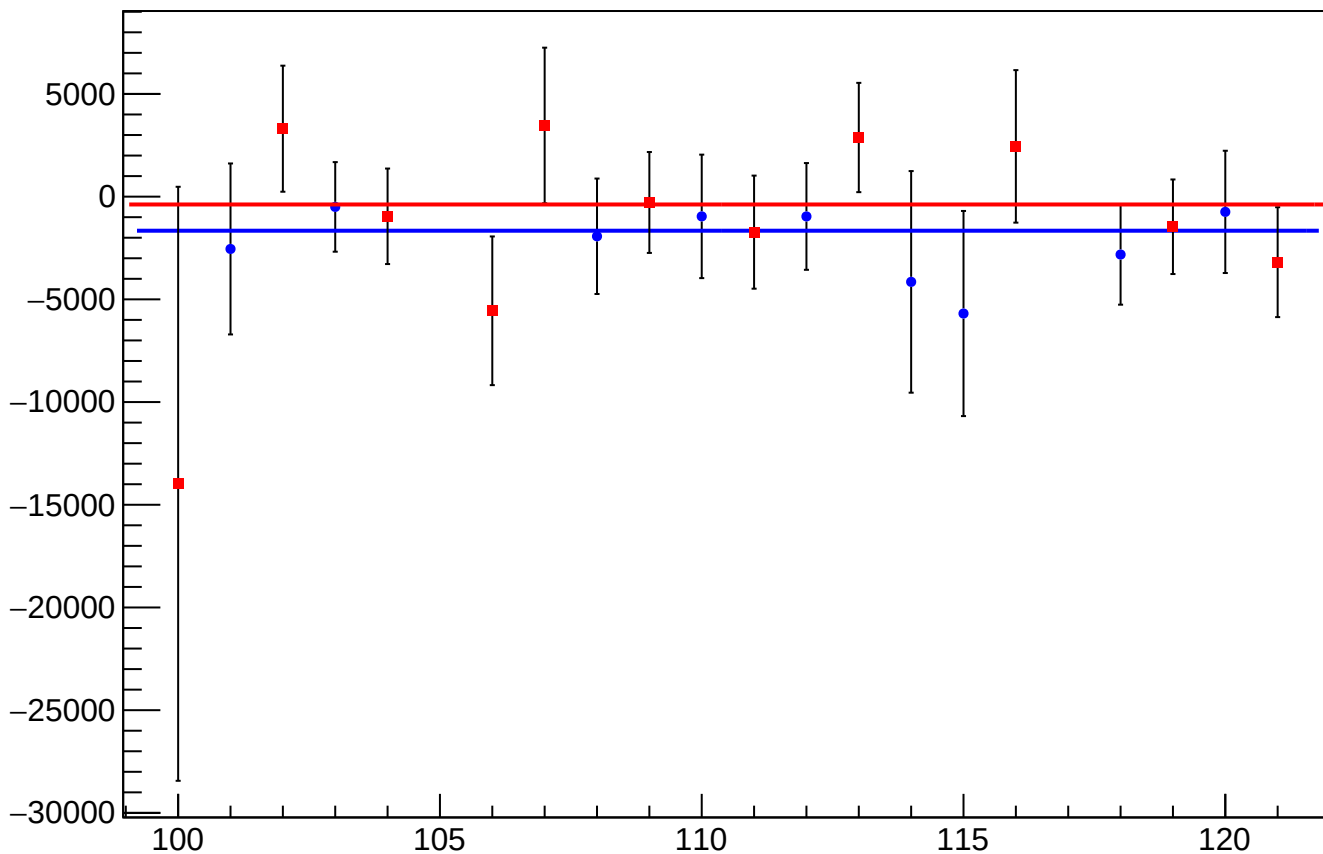
Right: 969.689+/-0.268 χ^2/NDF : 2956916.2/19

In: 1157.250+/-0.451 χ^2/NDF : 747296.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.689+/-0.268 χ^2/NDF : 2956916.2/19

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.231+/-883.131 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

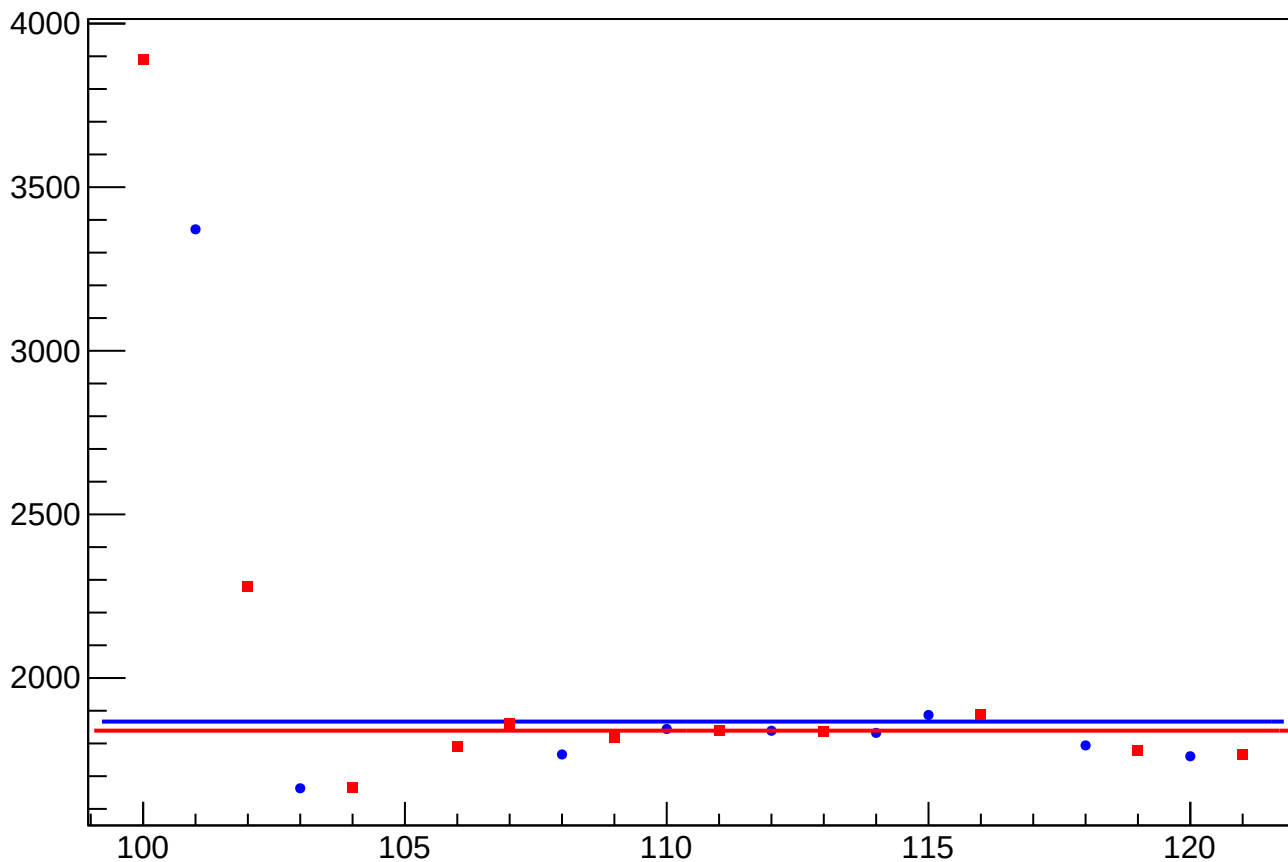
Right: -943.697+/-660.698 χ^2/NDF : 11.7/19

In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.697+/-660.698 χ^2/NDF : 11.7/19

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1866.884 $\pm$ 0.704 χ^2 /NDF: 286106.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1839.138 $\pm$ 0.624 χ^2 /NDF: 96579.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

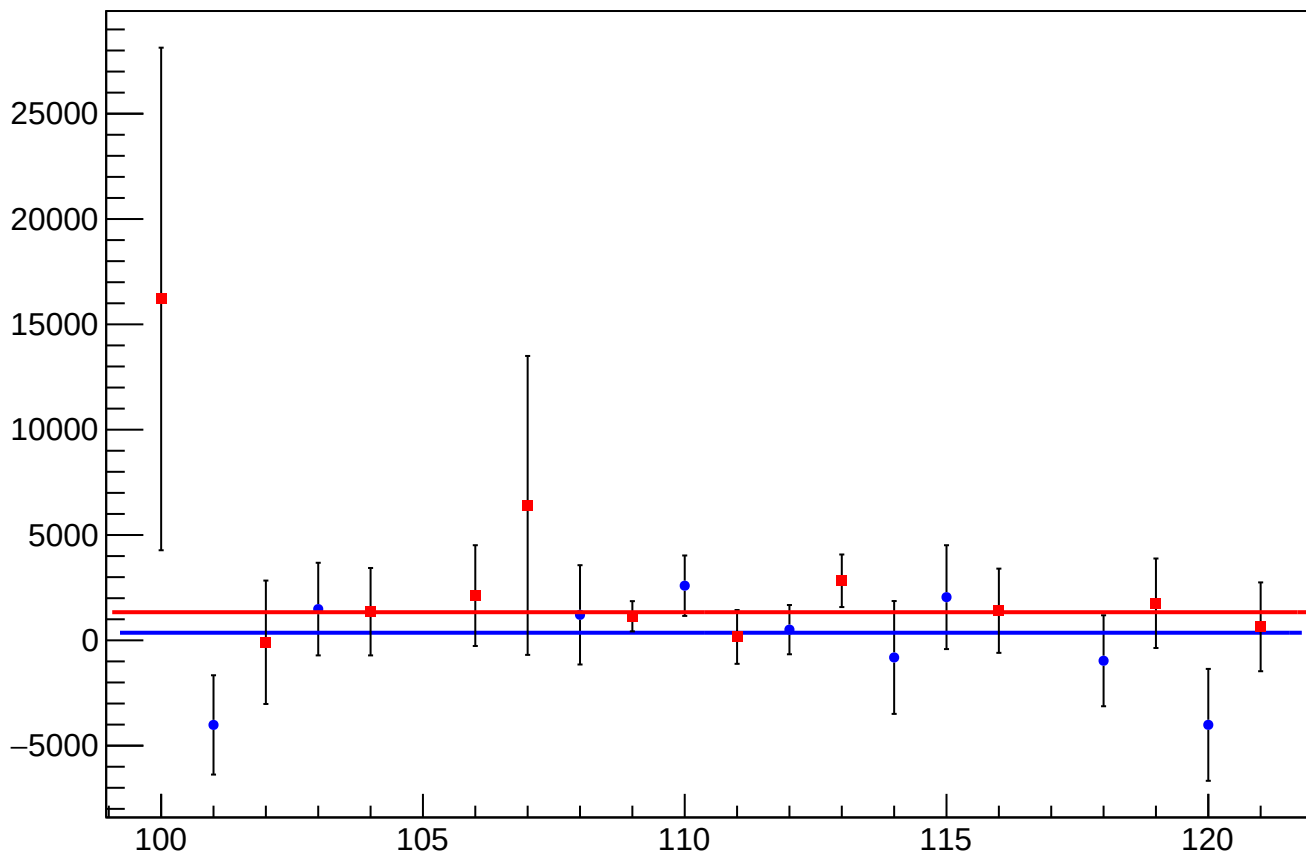
Right: 1851.355 $\pm$ 0.467 χ^2 /NDF: 383554.7/19

In: 1866.884 $\pm$ 0.704 χ^2 /NDF:286106.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1851.355 $\pm$ 0.467 χ^2 /NDF: 383554.7/19

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 360.738+/-639.576 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.885+/-474.390 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

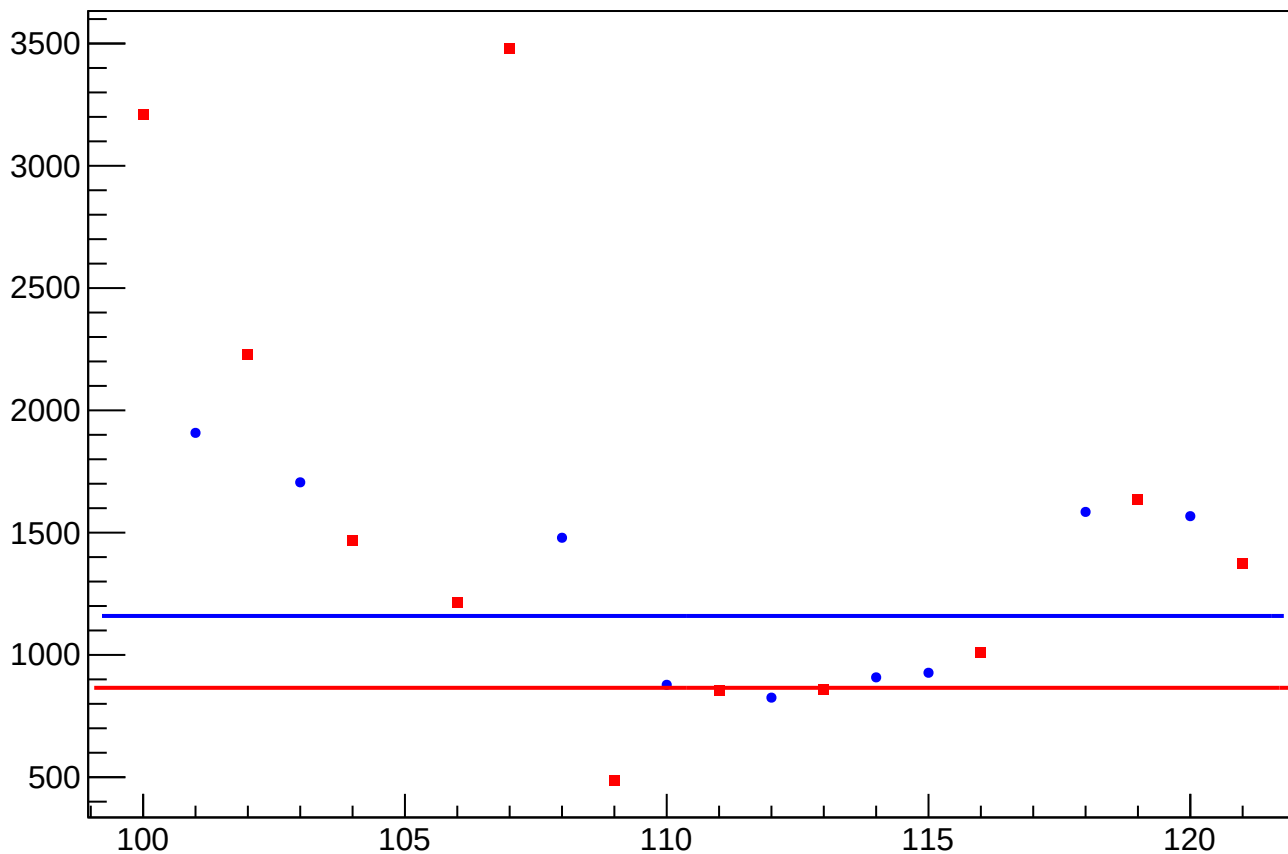
Right: 989.802+/-381.020 χ^2/NDF : 16.4/19

In: 360.738+/-639.576 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.802+/-381.020 χ^2/NDF : 16.4/19

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 865.500+/-0.335 χ^2/NDF : 1941473.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

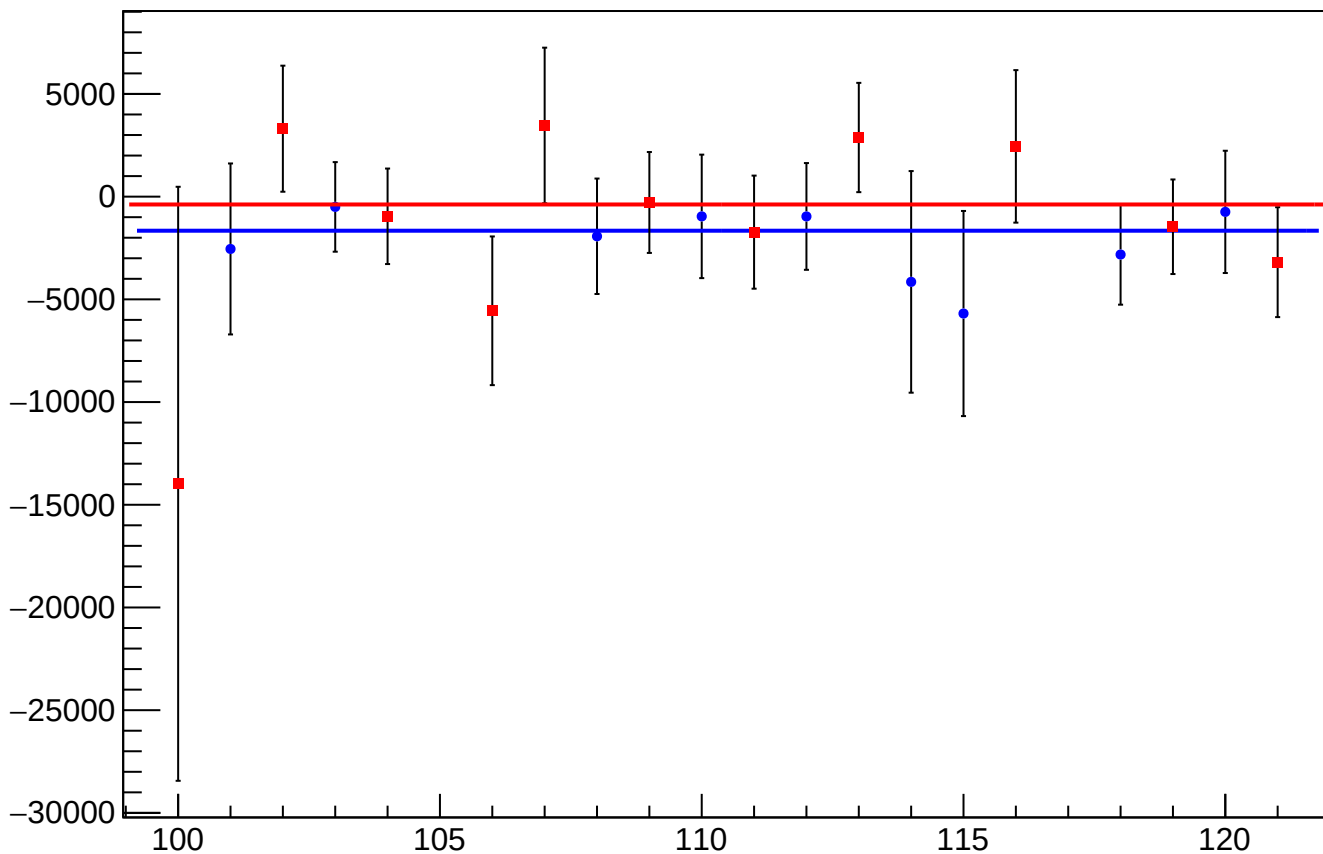
Right: 969.787+/-0.269 χ^2/NDF : 2976366.5/19

In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.787+/-0.269 χ^2/NDF : 2976366.5/19

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.231+/-883.131 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

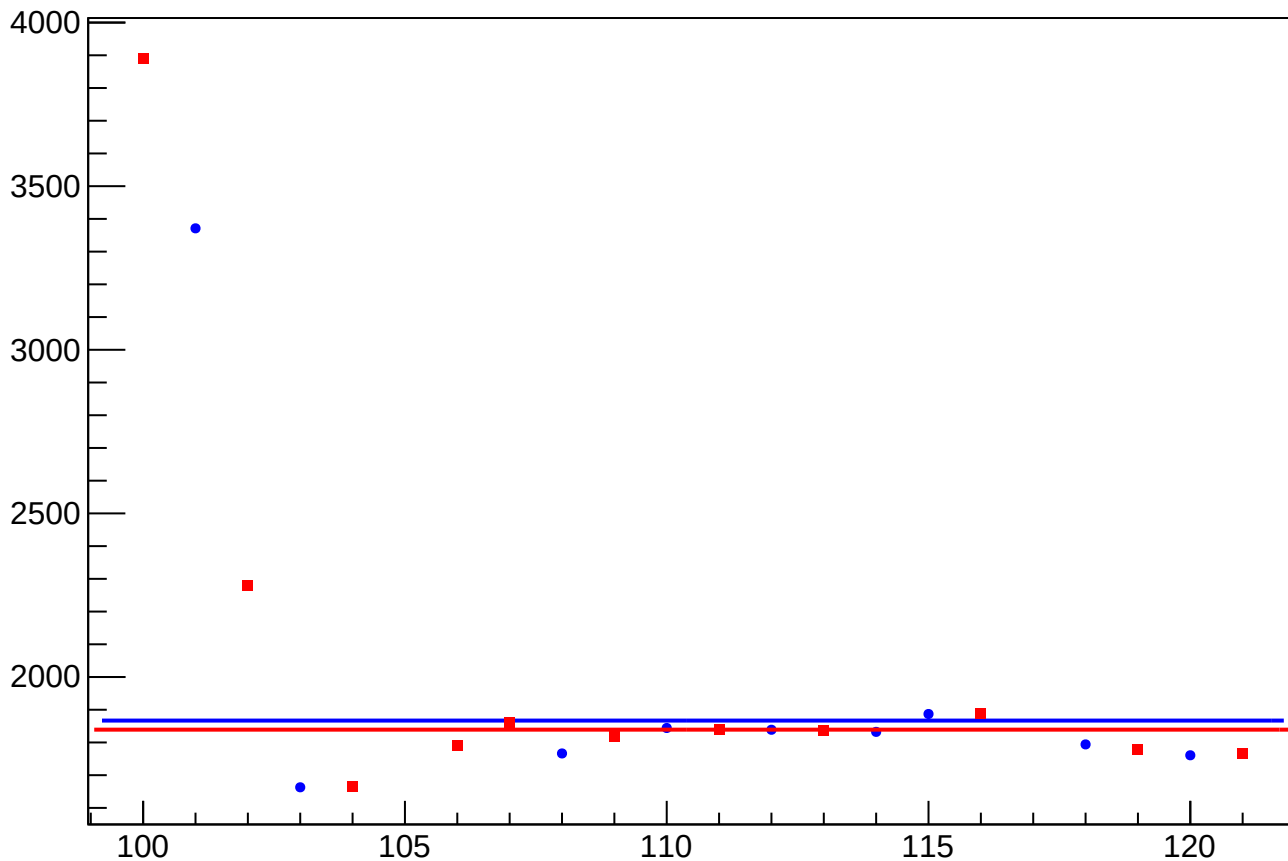
Right: -943.697+/-660.698 χ^2/NDF : 11.7/19

In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.697+/-660.698 χ^2/NDF : 11.7/19

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1866.884 +/- 0.704 χ^2/NDF : 286106.1/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1839.138 +/- 0.624 χ^2/NDF : 96579.4/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

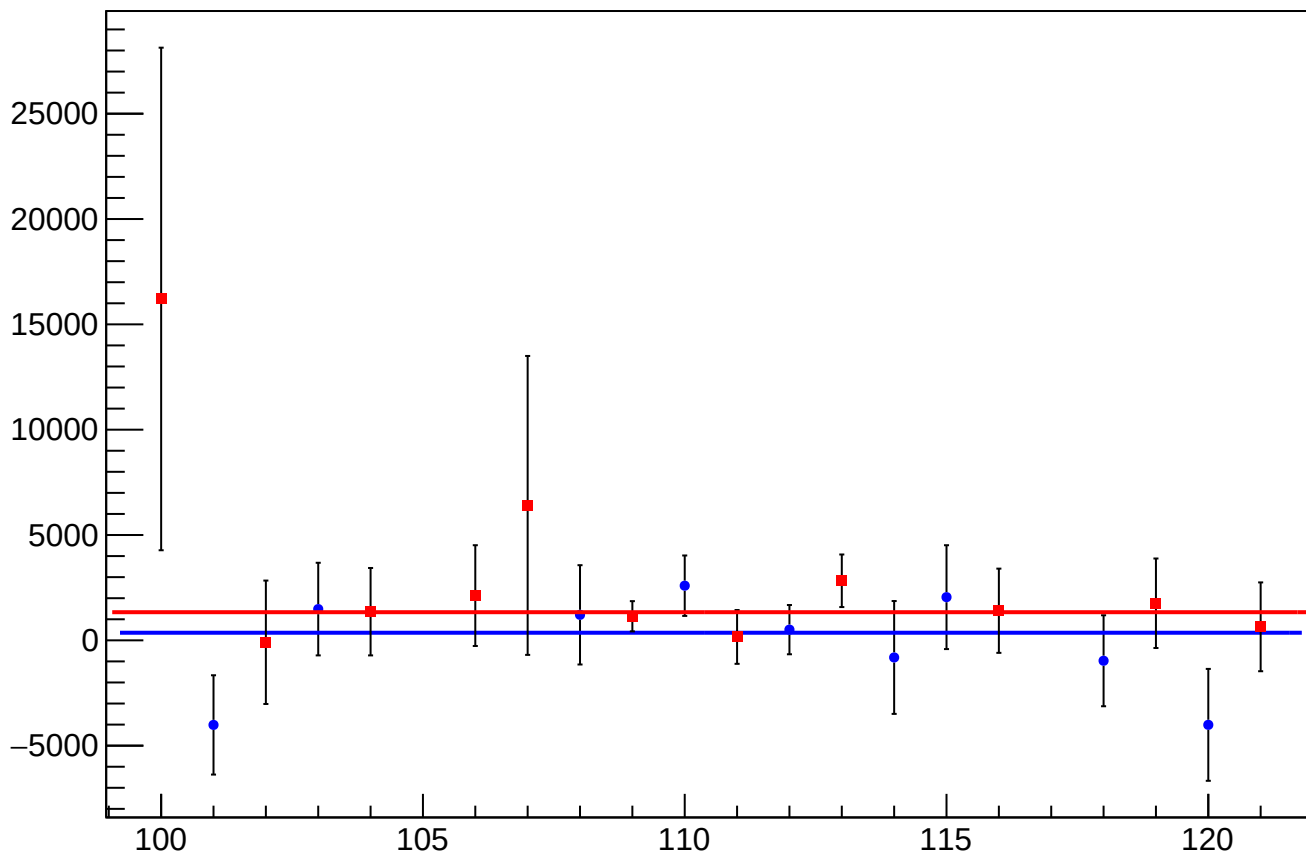
Right: 1851.355 +/- 0.467 χ^2/NDF : 383554.7/19

In: 1866.884 +/- 0.704 χ^2/NDF : 286106.1/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1851.355 +/- 0.467 χ^2/NDF : 383554.7/19

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 360.738+/-639.576 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.885+/-474.390 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

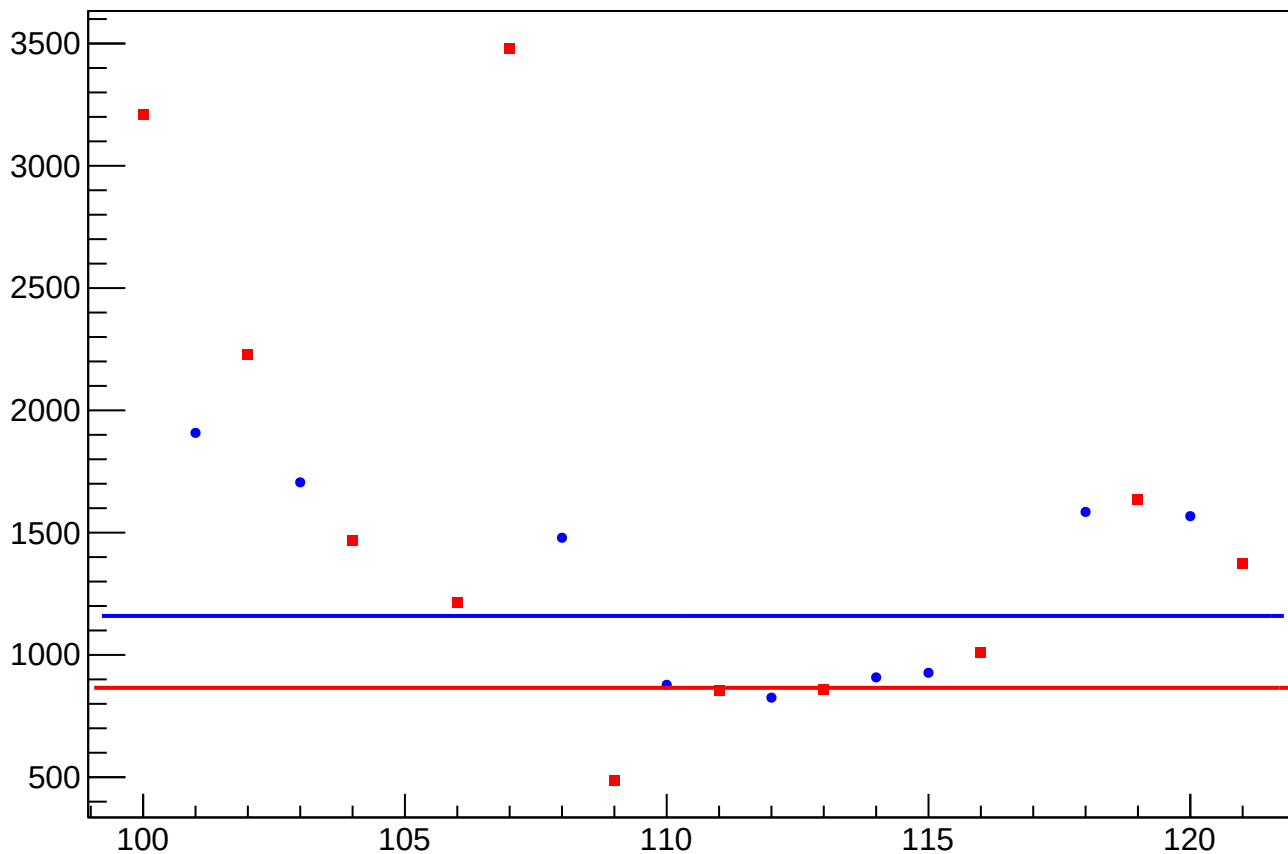
Right: 989.802+/-381.020 χ^2/NDF : 16.4/19

In: 360.738+/-639.576 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.802+/-381.020 χ^2/NDF : 16.4/19

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 865.500+/-0.335 χ^2/NDF : 1941473.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

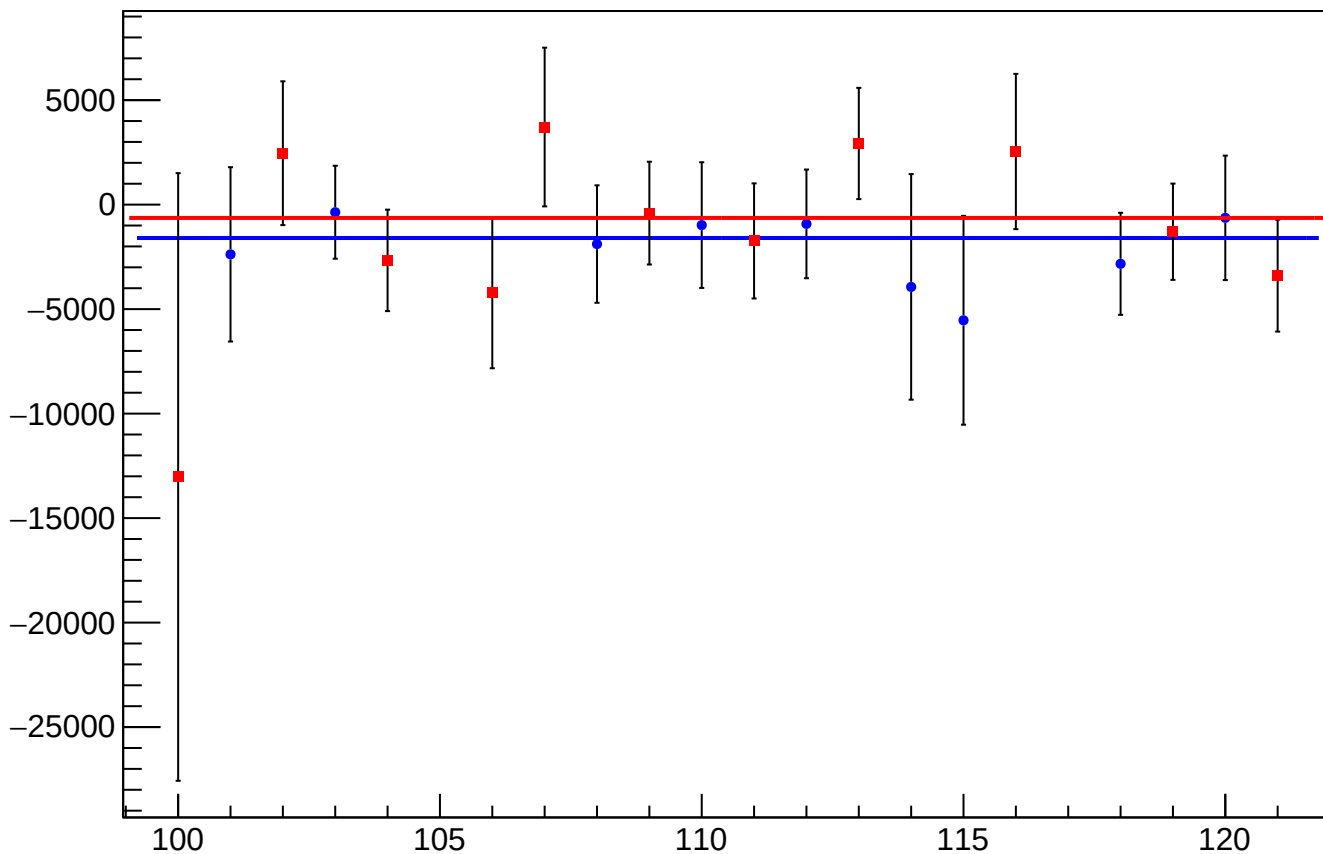
Right: 969.787+/-0.269 χ^2/NDF : 2976366.5/19

In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.787+/-0.269 χ^2/NDF : 2976366.5/19

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1597.051+/-1000.185 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.868+/-896.582 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

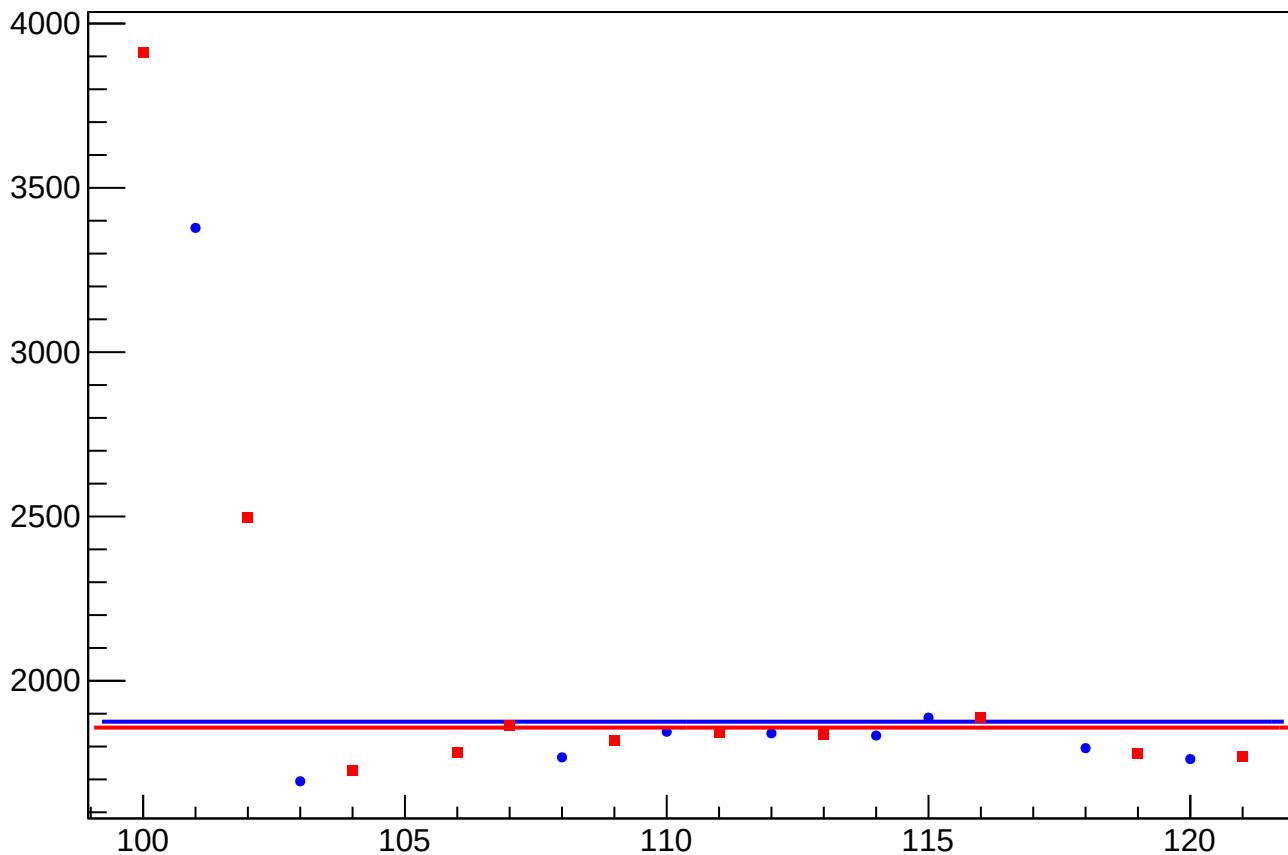
Right: -1064.115+/-667.613 χ^2/NDF : 10.5/19

In: -1597.051+/-1000.185 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1064.115+/-667.613 χ^2/NDF : 10.5/19

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1875.691+/-0.707 χ^2/NDF : 281672.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.664+/-0.634 χ^2/NDF : 121082.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

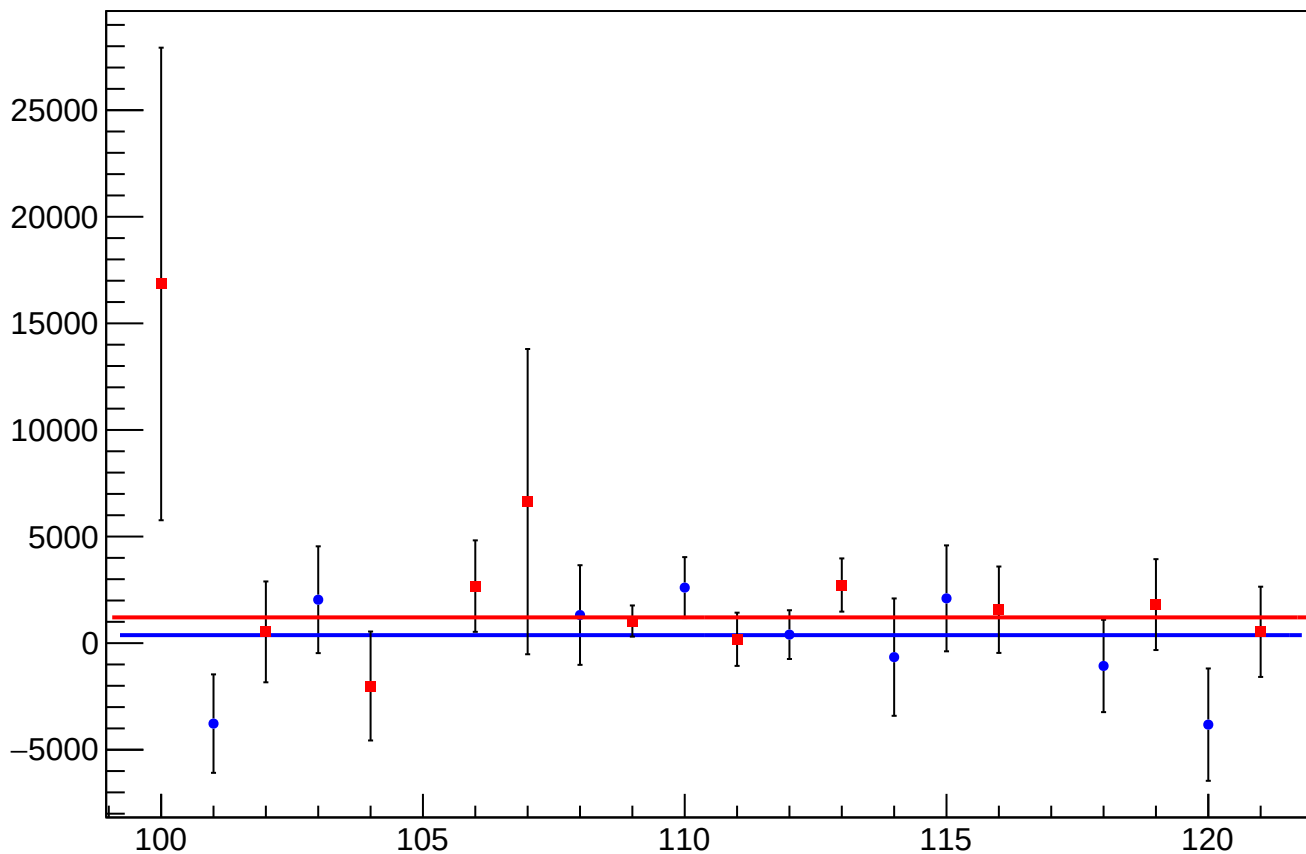
Right: 1865.696+/-0.472 χ^2/NDF : 403115.3/19

In: 1875.691+/-0.707 χ^2/NDF : 281672.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.696+/-0.472 χ^2/NDF : 403115.3/19

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 375.371+/-640.844 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1208.674+/-475.571 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

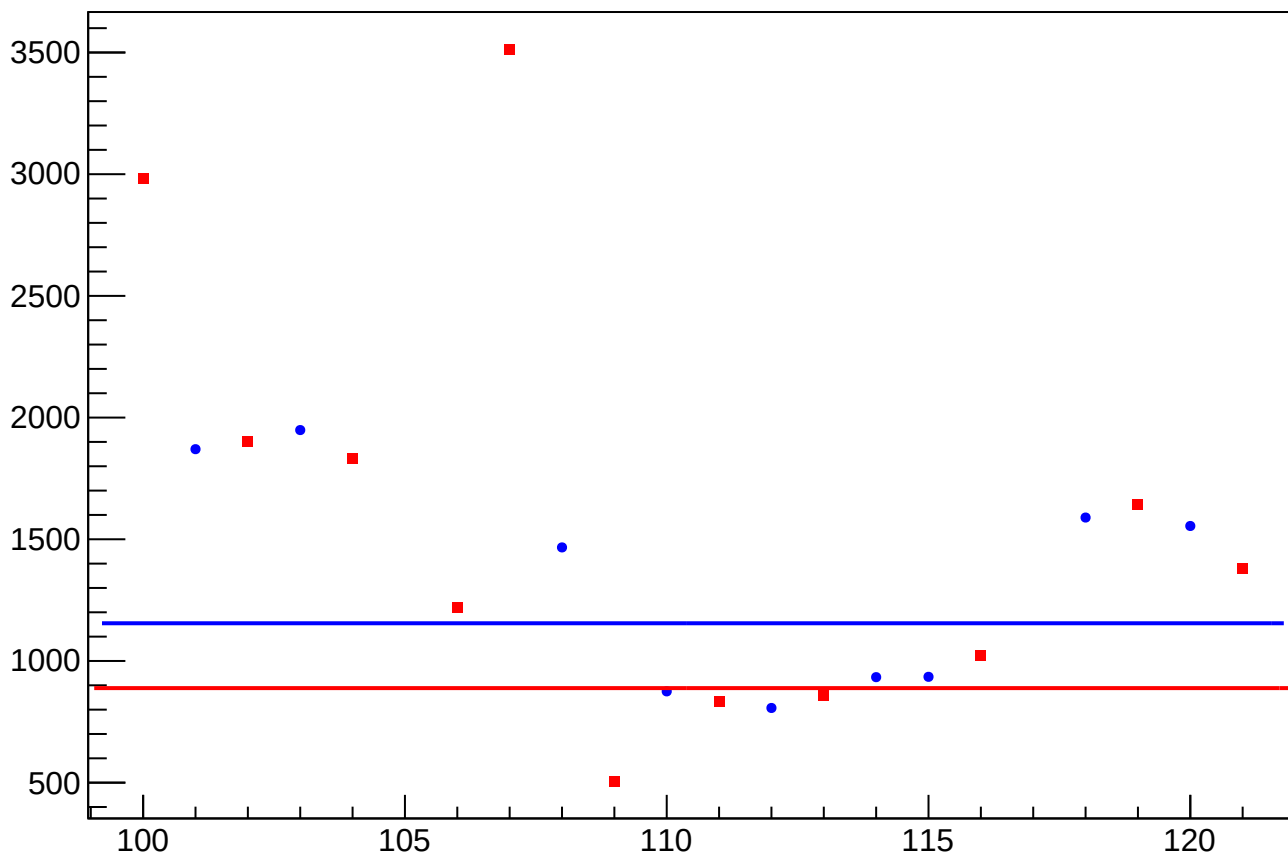
Right: 912.739+/-381.900 χ^2/NDF : 18.1/19

In: 375.371+/-640.844 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 912.739+/-381.900 χ^2/NDF : 18.1/19

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1154.909+/-0.453 χ^2/NDF : 845185.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.486+/-0.336 χ^2/NDF : 1955558.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

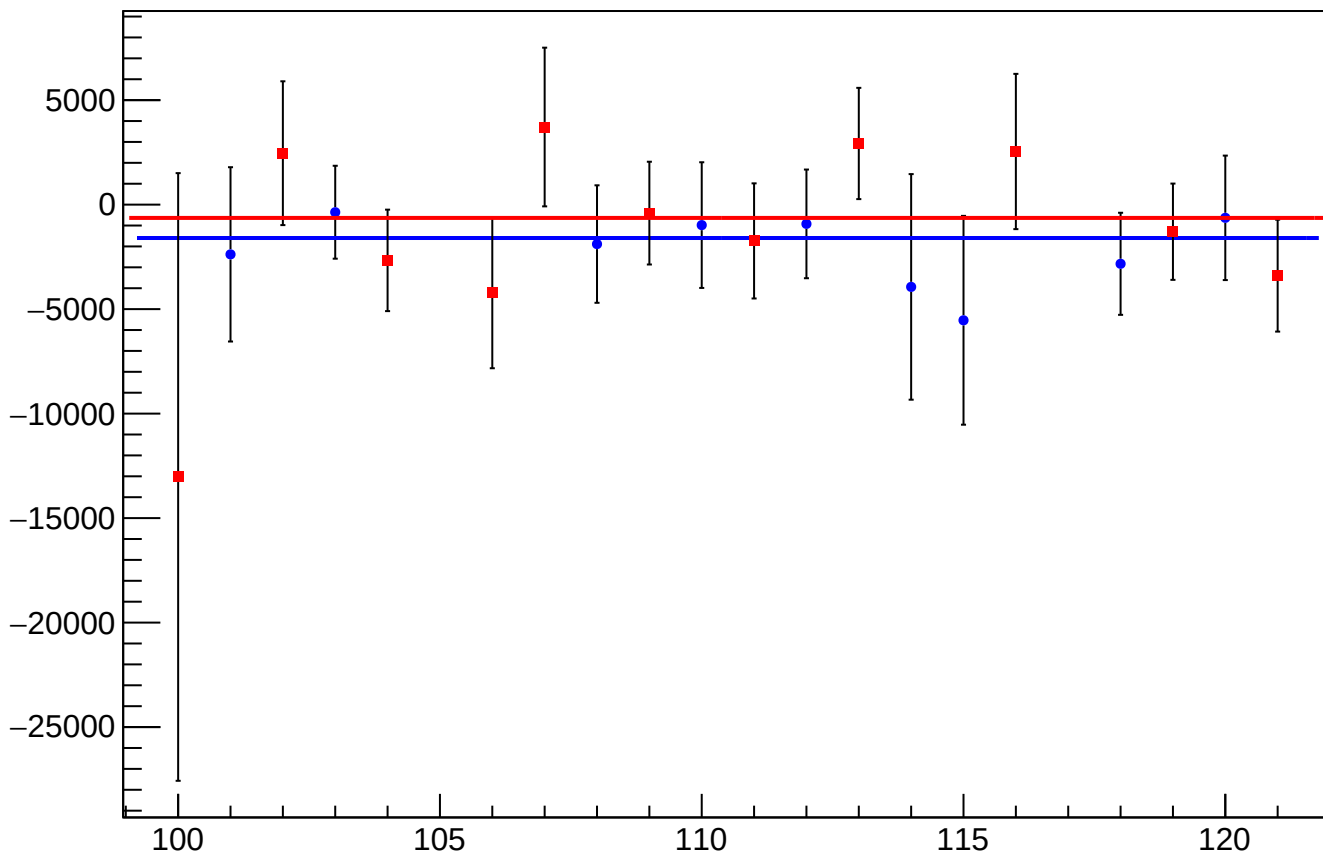
Right: 983.102+/-0.270 χ^2/NDF : 3023658.7/19

In: 1154.909+/-0.453 χ^2/NDF : 845185.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.102+/-0.270 χ^2/NDF : 3023658.7/19

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1597.048+/-1000.185 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.872+/-896.582 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

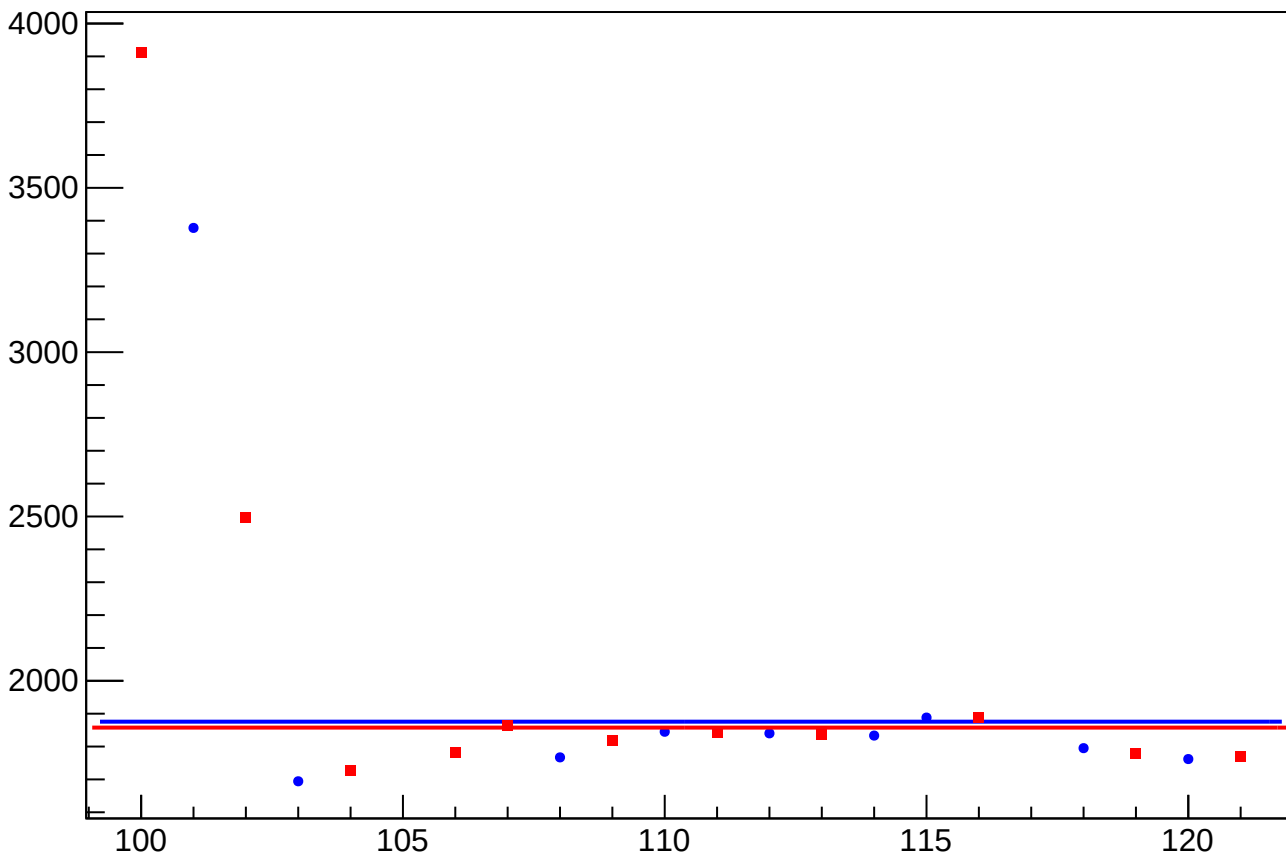
Right: -1064.116+/-667.613 χ^2/NDF : 10.5/19

In: -1597.048+/-1000.185 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1064.116+/-667.613 χ^2/NDF : 10.5/19

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1875.692+/-0.707 χ^2/NDF : 281672.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.664+/-0.634 χ^2/NDF : 121082.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

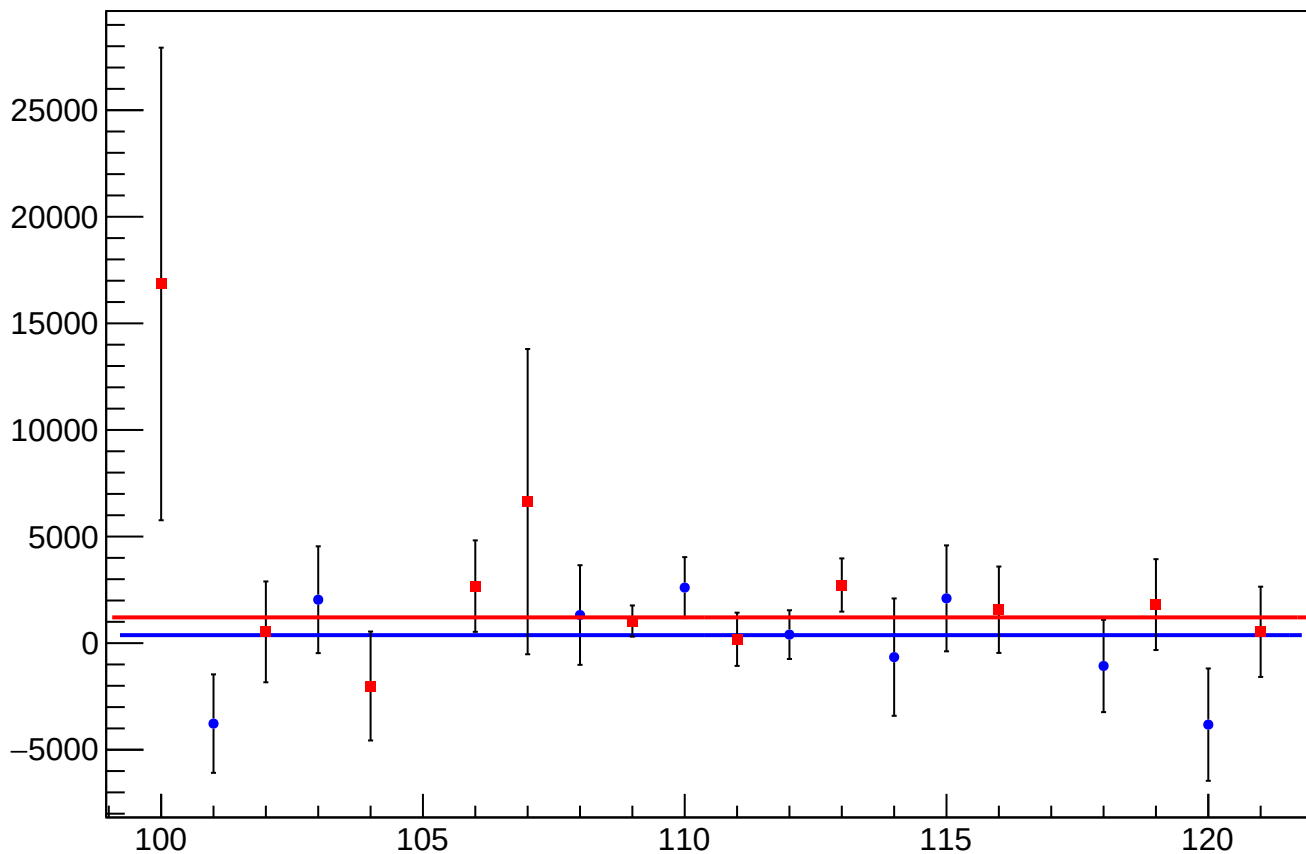
Right: 1865.696+/-0.472 χ^2/NDF : 403115.3/19

In: 1875.692+/-0.707 χ^2/NDF : 281672.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.696+/-0.472 χ^2/NDF : 403115.3/19

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 375.373+/-640.841 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1208.672+/-475.570 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

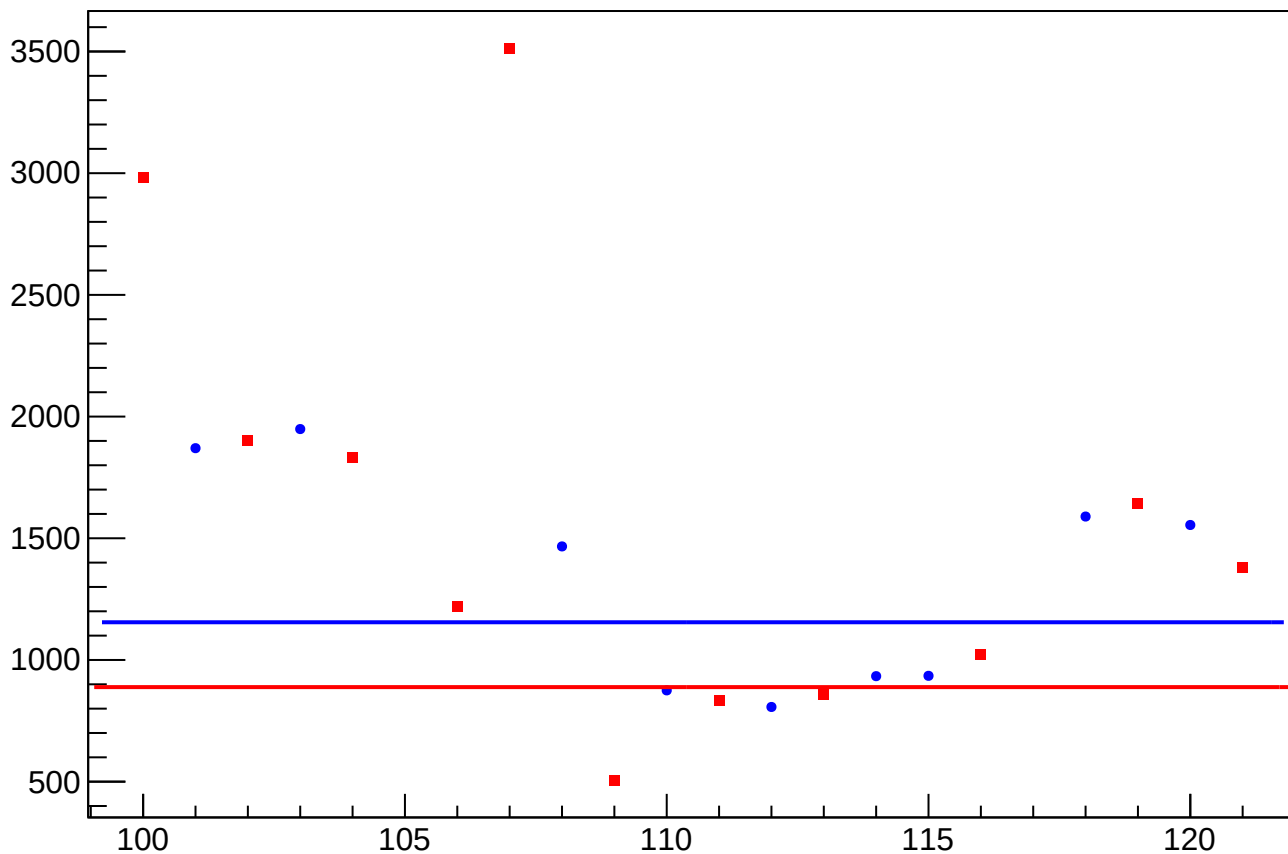
Right: 912.736+/-381.899 χ^2/NDF : 18.1/19

In: 375.373+/-640.841 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.736+/-381.899 χ^2/NDF : 18.1/19

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1154.902+/-0.453 χ^2/NDF : 845197.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.484+/-0.336 χ^2/NDF : 1955551.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

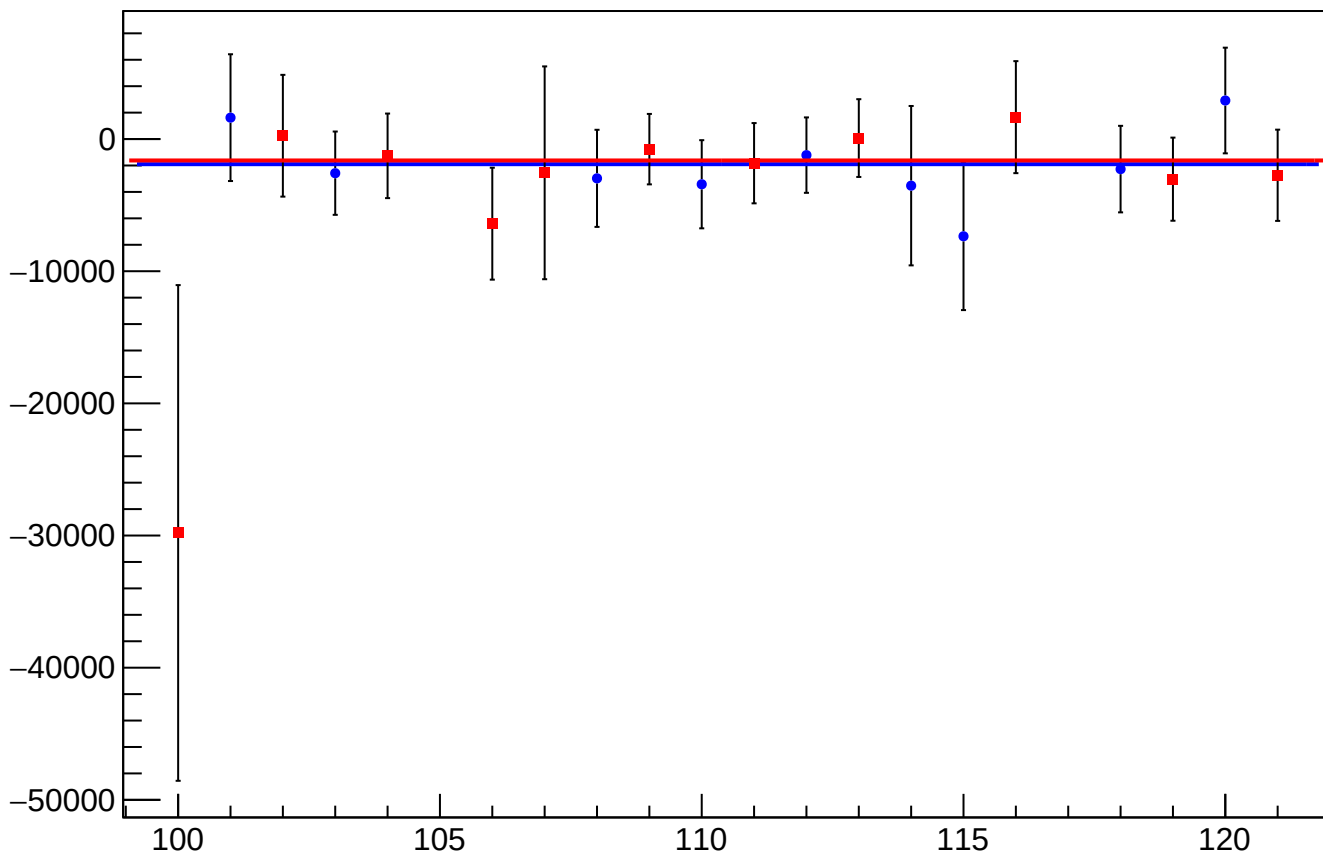
Right: 983.099+/-0.270 χ^2/NDF : 3023655.1/19

In: 1154.902+/-0.453 χ^2/NDF : 845197.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.099+/-0.270 χ^2/NDF : 3023655.1/19

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1901.097+/-1243.855 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1619.484+/-1101.441 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

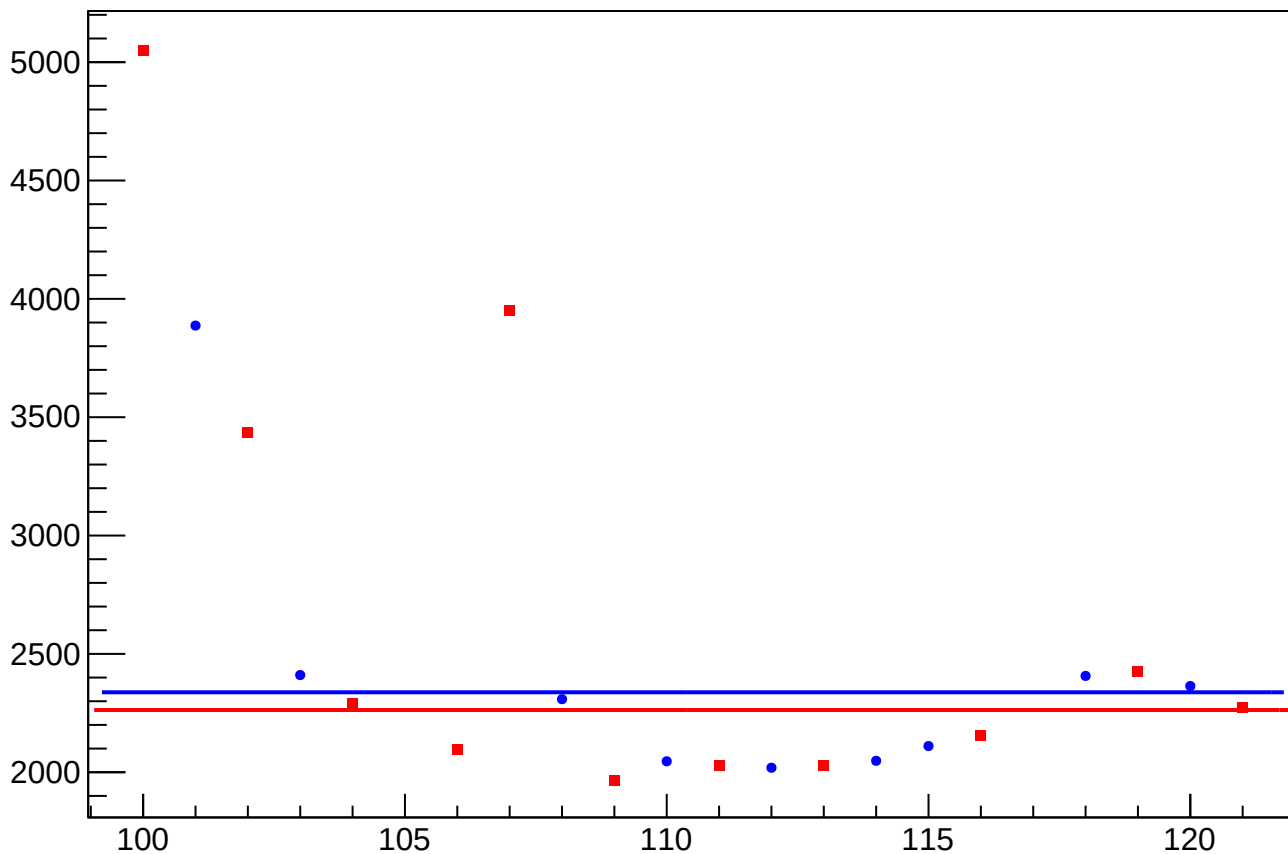
Right: -1743.253+/-824.611 χ^2/NDF : 8.5/19

In: -1901.097+/-1243.855 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1743.253+/-824.611 χ^2/NDF : 8.5/19

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2337.806+/-0.880 χ^2/NDF : 258976.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.938+/-0.779 χ^2/NDF : 320831.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

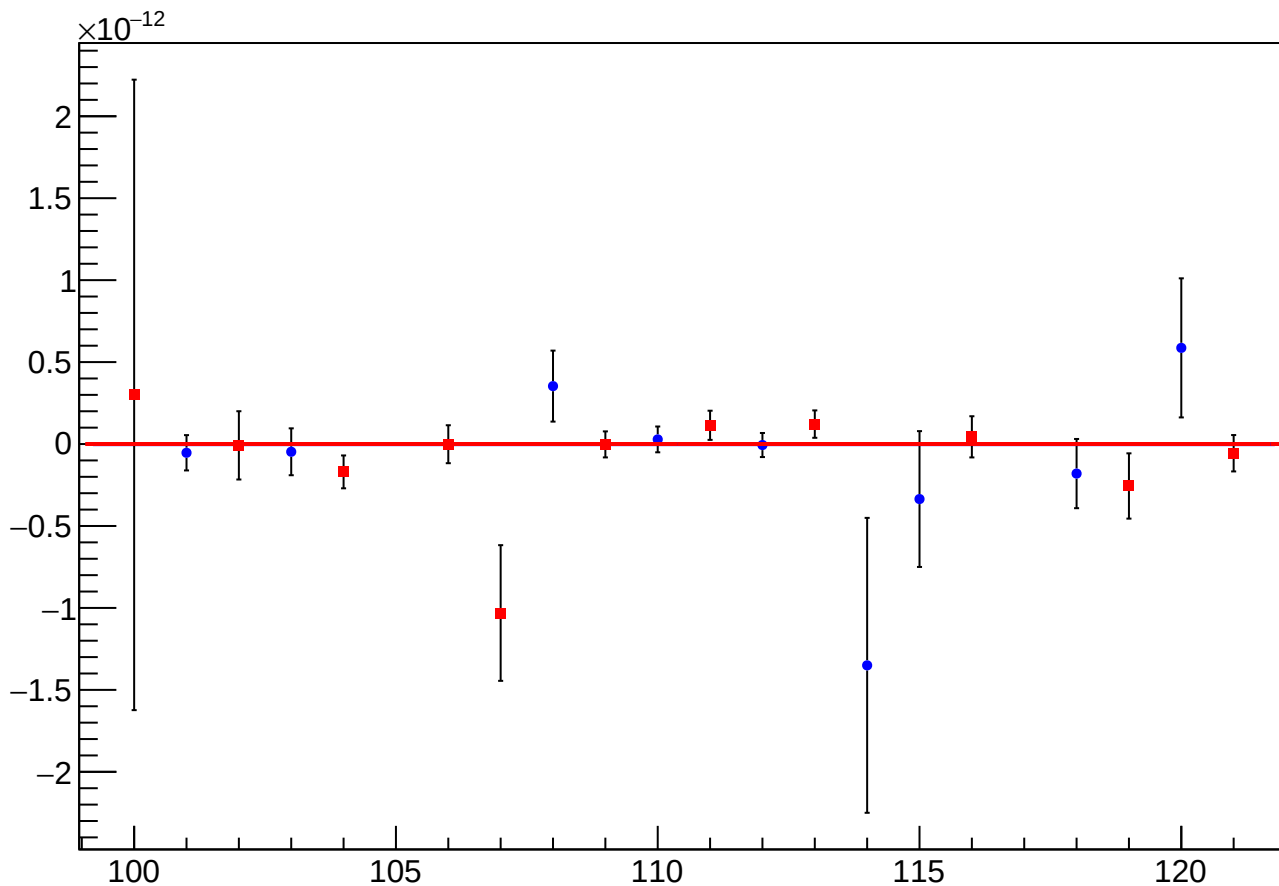
Right: 2295.842+/-0.583 χ^2/NDF : 583869.6/19

In: 2337.806+/-0.880 χ^2/NDF : 258976.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2295.842+/-0.583 χ^2/NDF : 583869.6/19

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

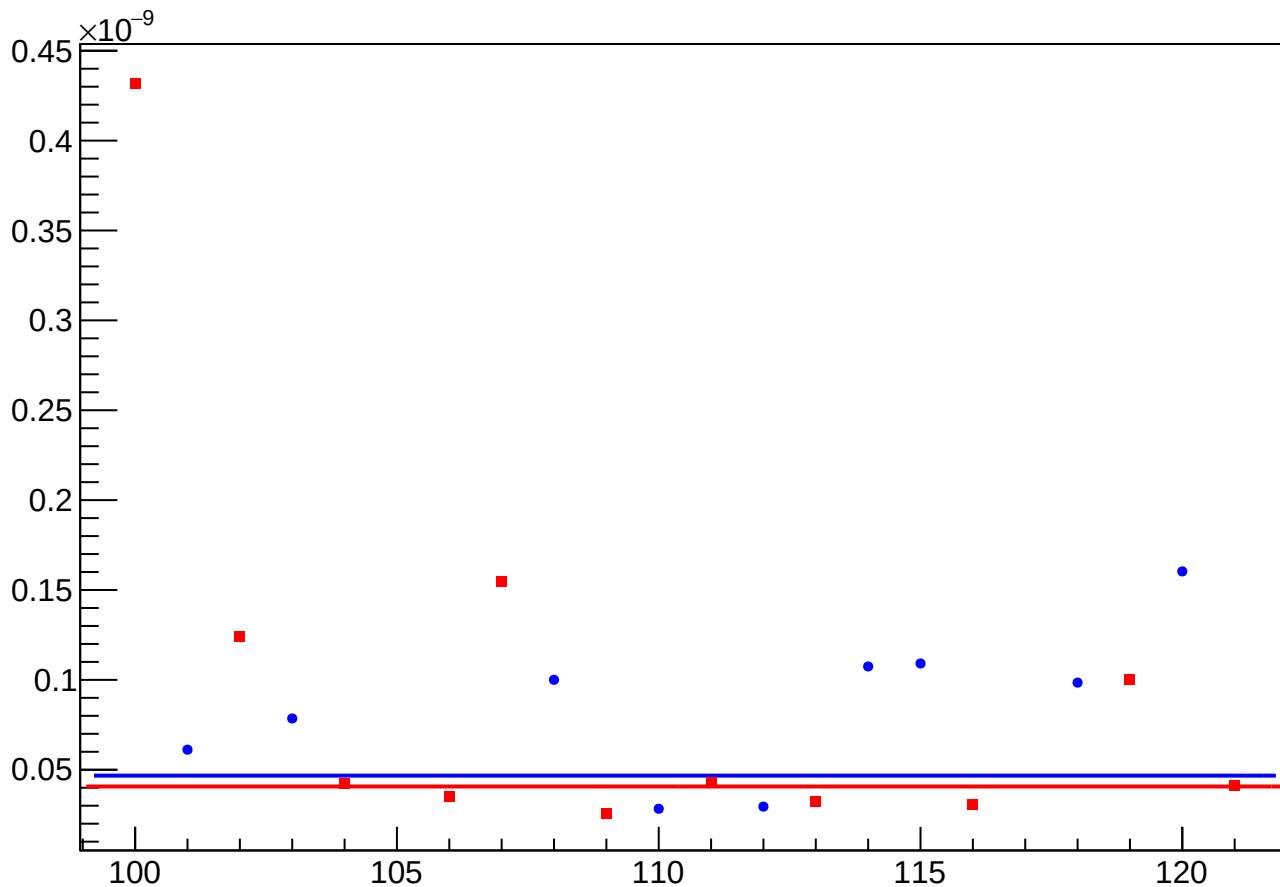
Right: -0.000+/-0.000 χ^2/NDF : 23.6/19

In: -0.000+/-0.000 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/19

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 793268.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 843965.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

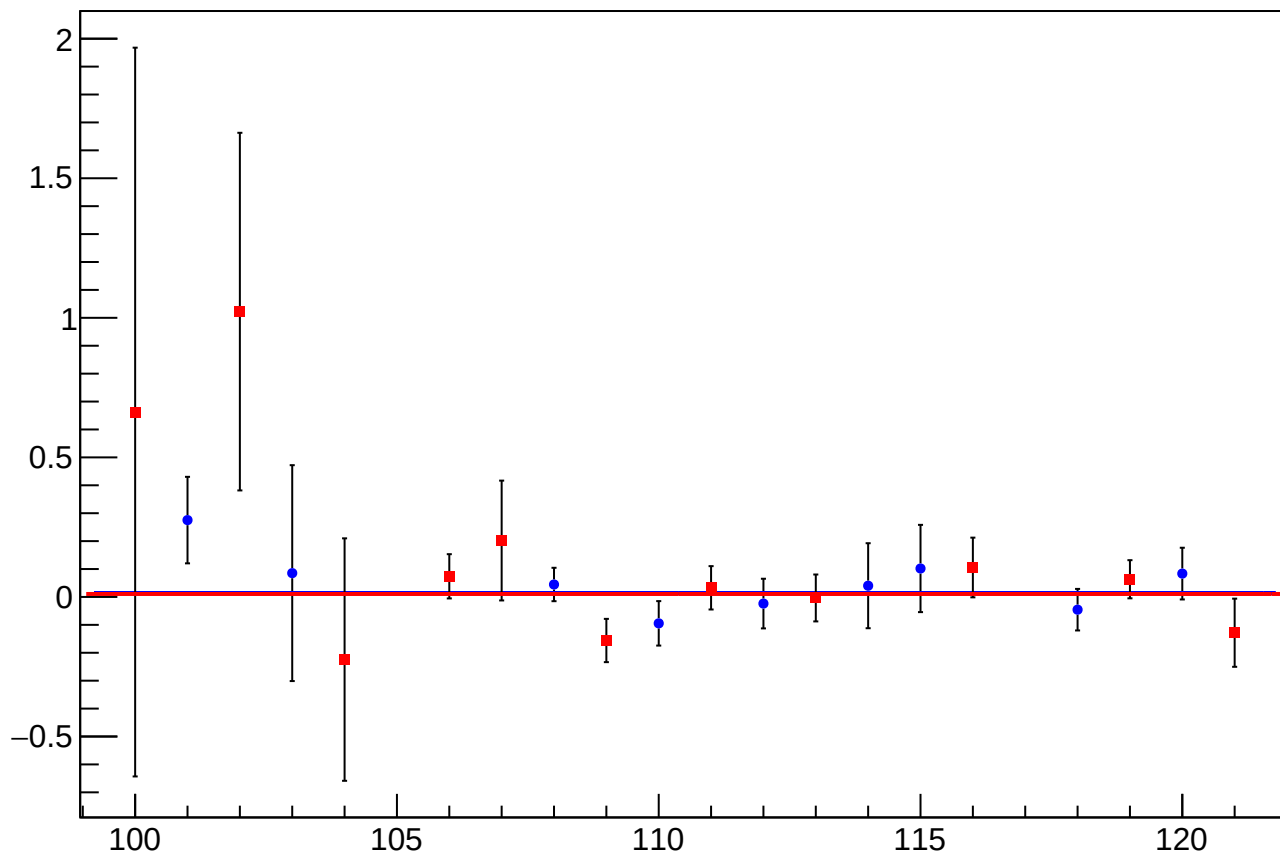
Right: 0.000+/-0.000 χ^2/NDF : 1660712.7/19

In: 0.000+/-0.000 χ^2/NDF : 793268.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1660712.7/19

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

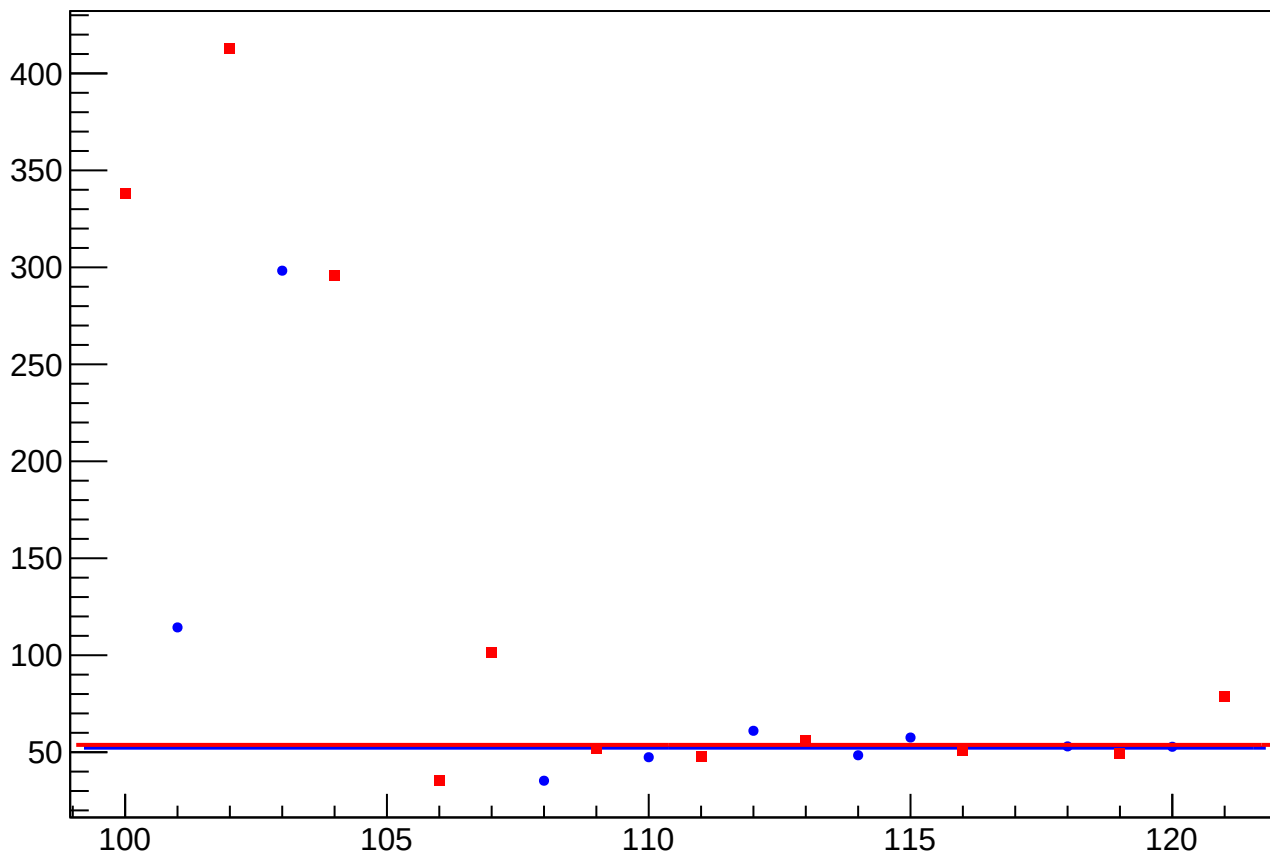
Right: 0.012+/-0.022 χ^2/NDF : 18.6/19

In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.022 χ^2/NDF : 18.6/19

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.342+/-0.022 χ^2/NDF : 1321913.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659824.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

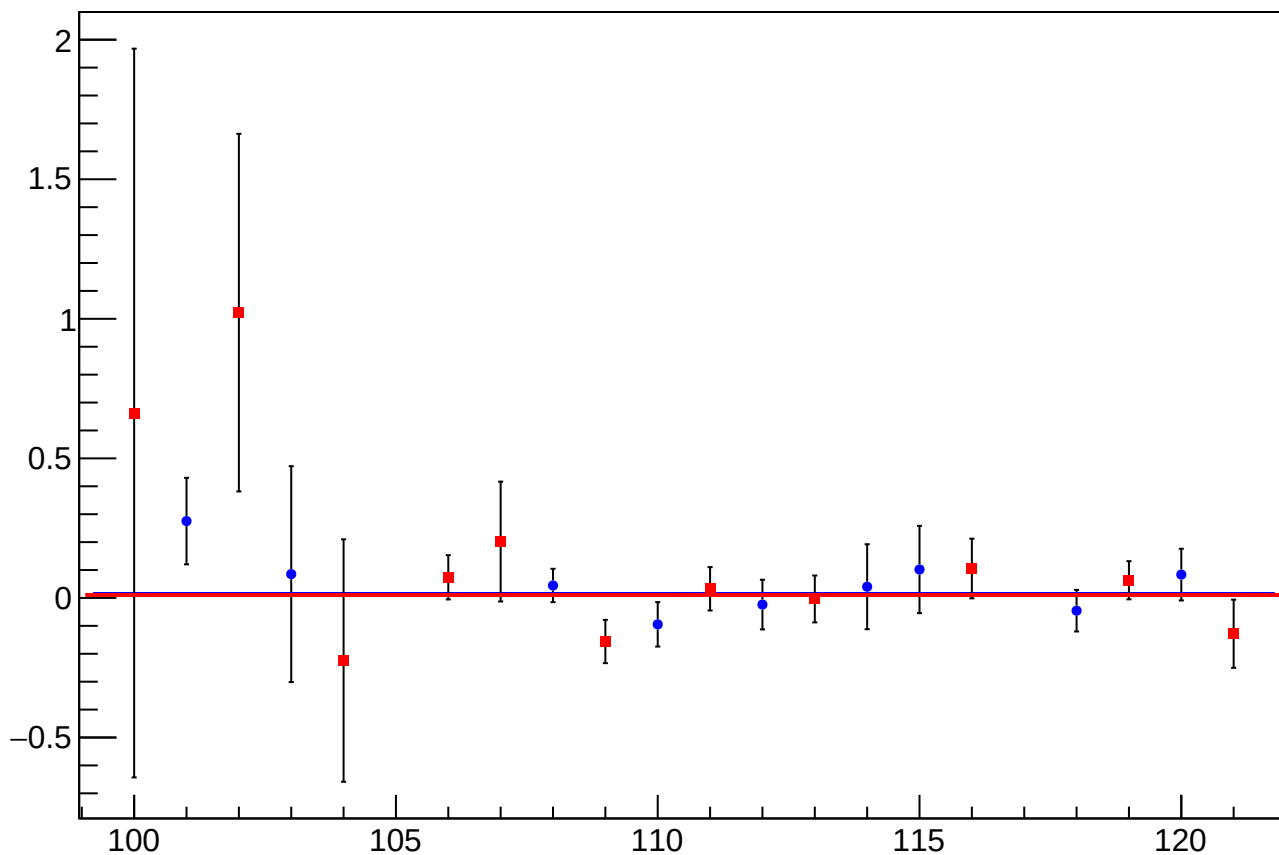
Right: 53.074+/-0.016 χ^2/NDF : 2983826.7/19

In: 52.342+/-0.022 χ^2/NDF : 1321913.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.074+/-0.016 χ^2/NDF : 2983826.7/19

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

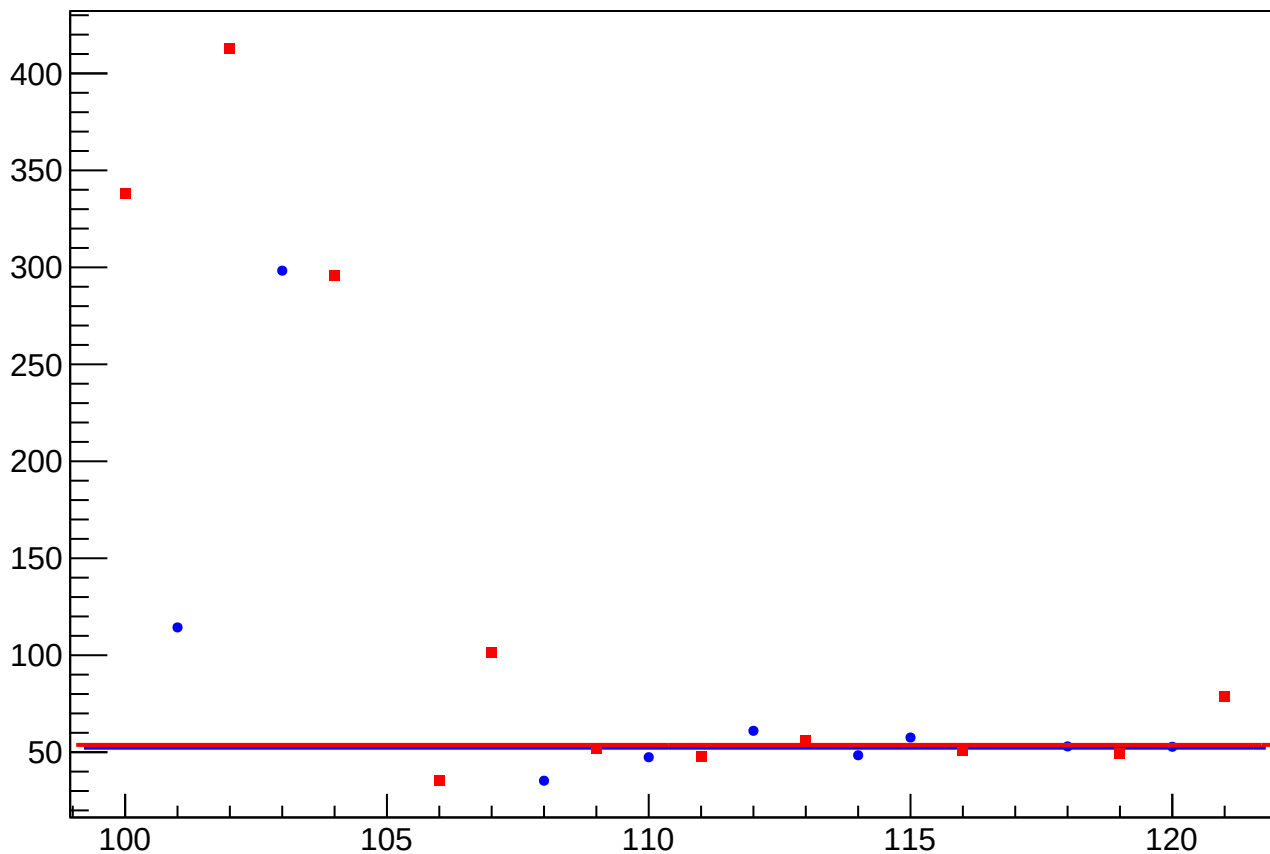
Right: 0.012+/-0.022 χ^2/NDF : 18.6/19

In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.022 χ^2/NDF : 18.6/19

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.342 $\pm$ 0.022 χ^2 /NDF: 1321913.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.779 $\pm$ 0.022 χ^2 /NDF: 1659824.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

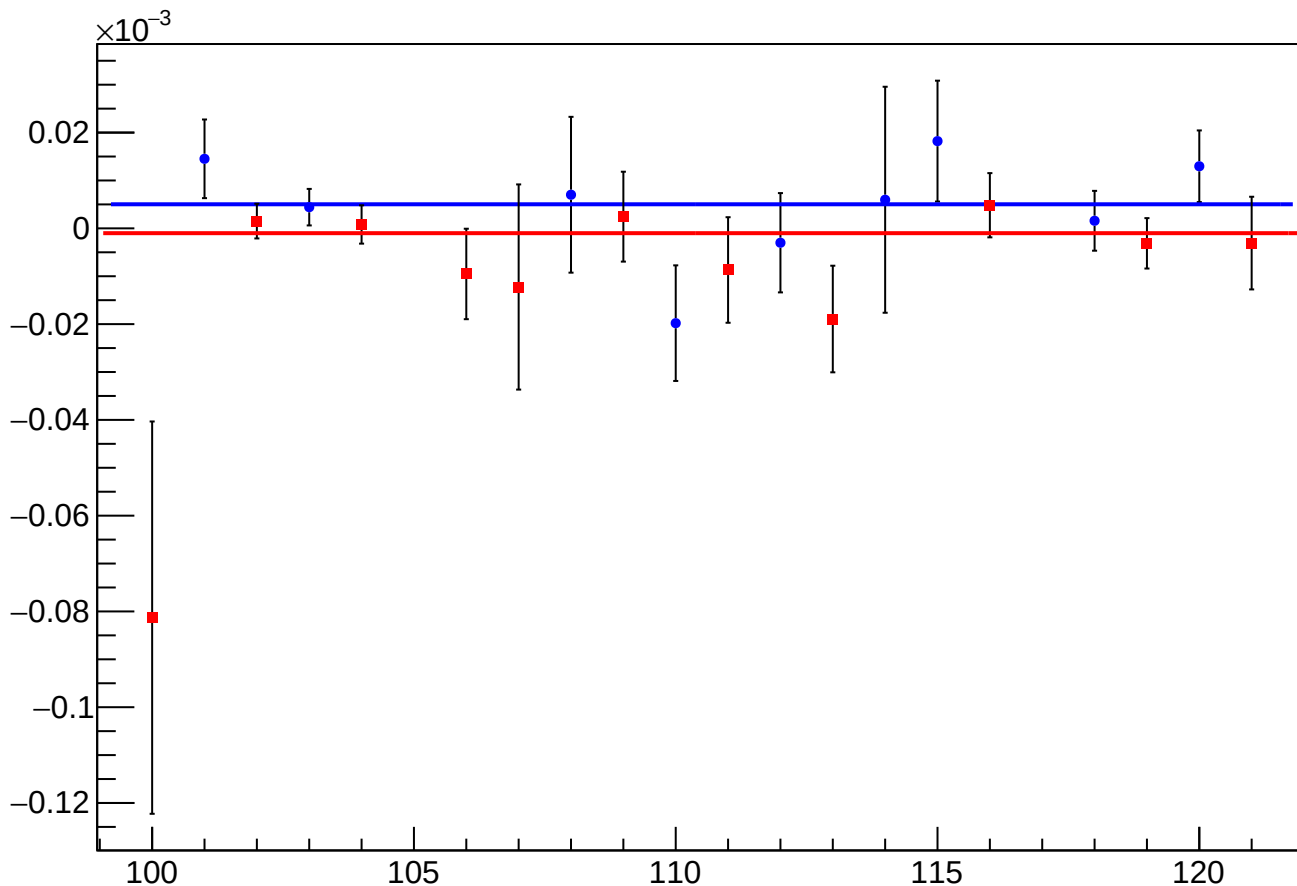
Right: 53.074 $\pm$ 0.016 χ^2 /NDF: 2983826.7/19

In: 52.342 $\pm$ 0.022 χ^2 /NDF:1321913.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.074 $\pm$ 0.016 χ^2 /NDF: 2983826.7/19

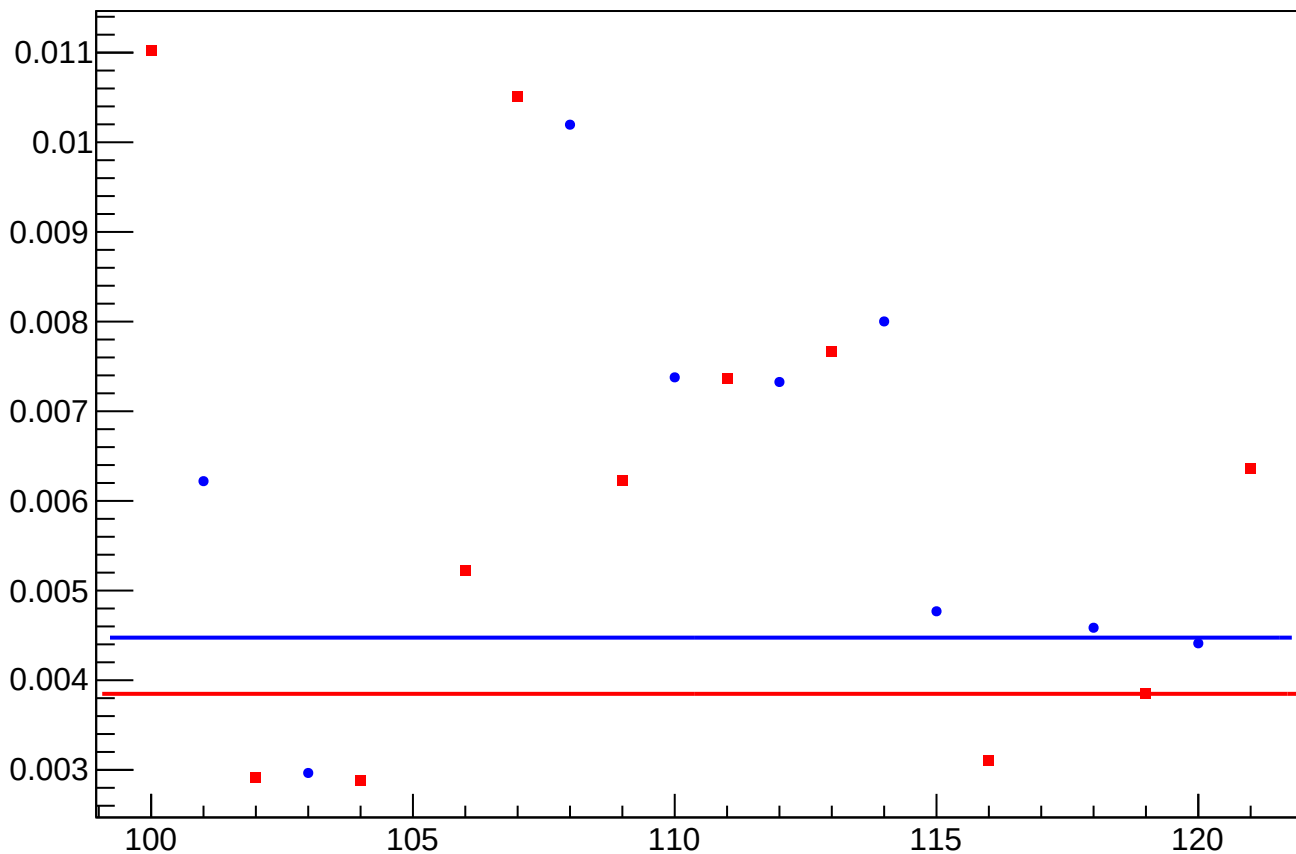
asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 9.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 22.0/19
 In: 0.000+/-0.000 χ^2/NDF : 8.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 22.0/19

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 964363.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1271795.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

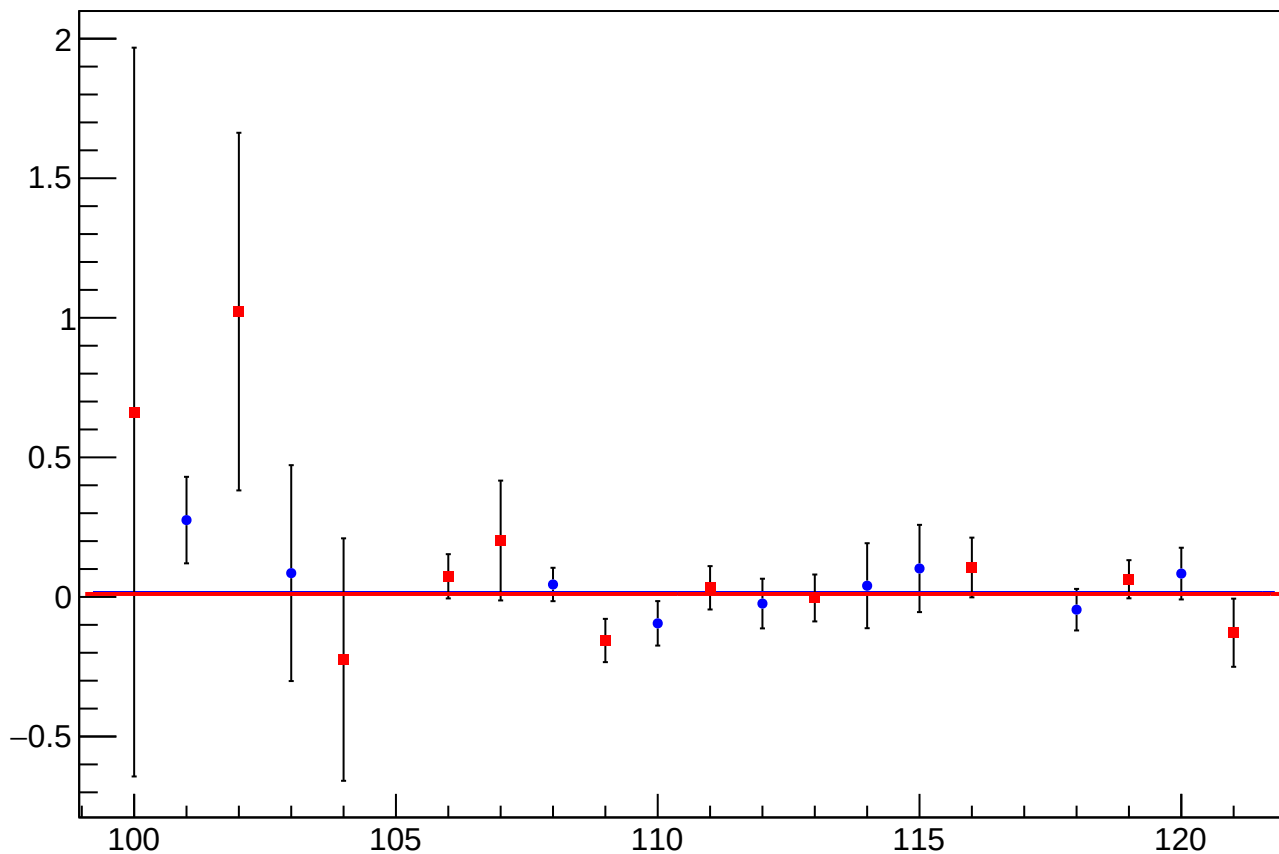
Right: 0.004+/-0.000 χ^2/NDF : 2311307.3/19

In: 0.004+/-0.000 χ^2/NDF : 964363.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2311307.3/19

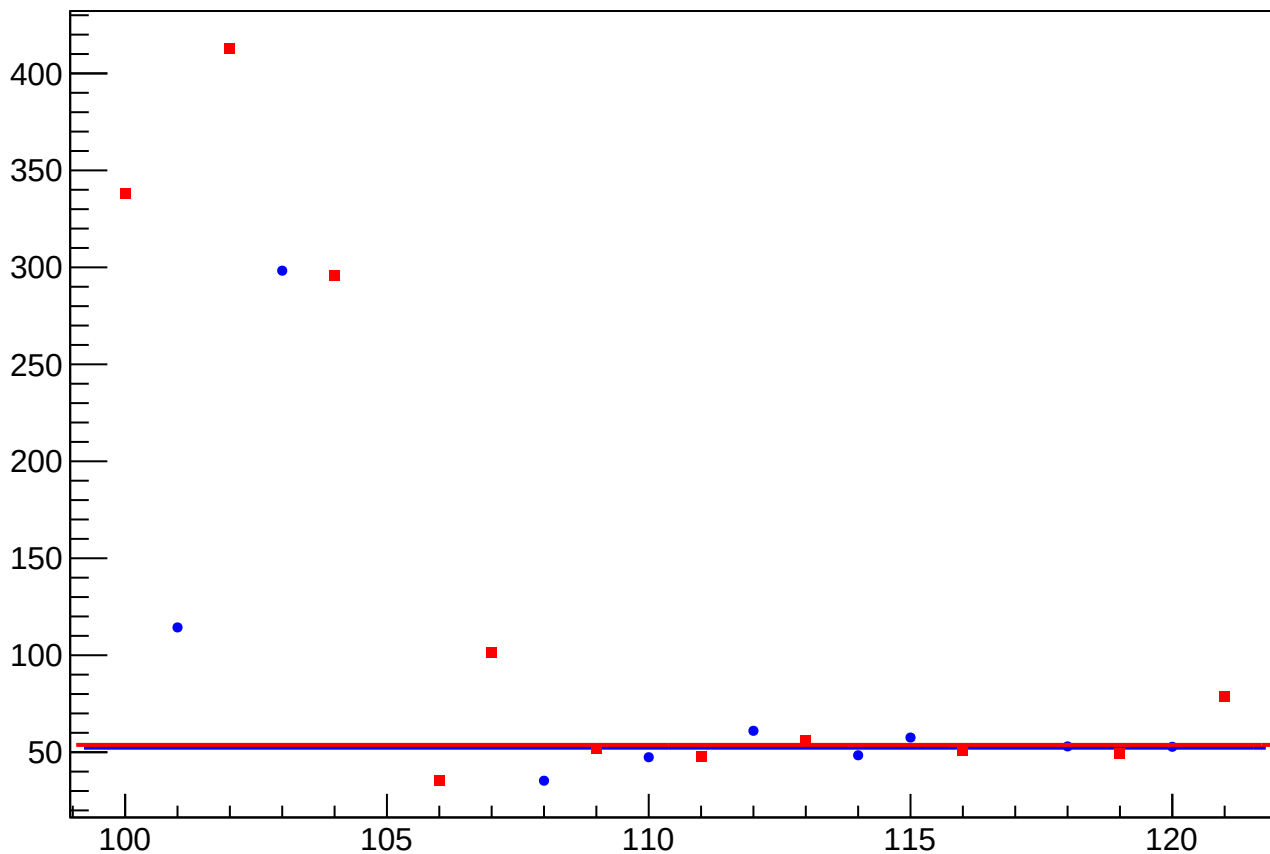
asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.012+/-0.022 χ^2/NDF : 18.6/19
 In: 0.014+/-0.032 χ^2/NDF : 6.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.012+/-0.022 χ^2/NDF : 18.6/19

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659804.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

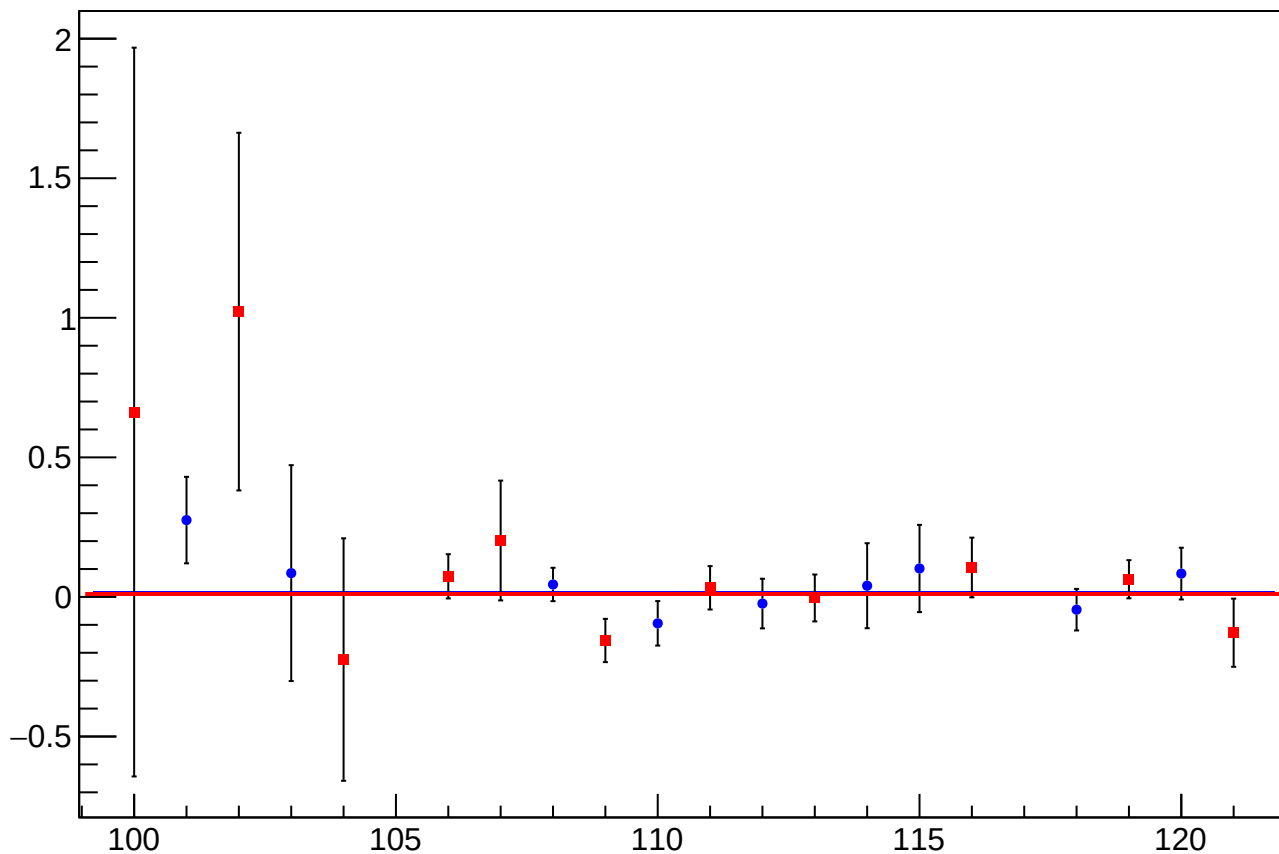
Right: 53.075+/-0.016 χ^2/NDF : 2983726.7/19

In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.075+/-0.016 χ^2/NDF : 2983726.7/19

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

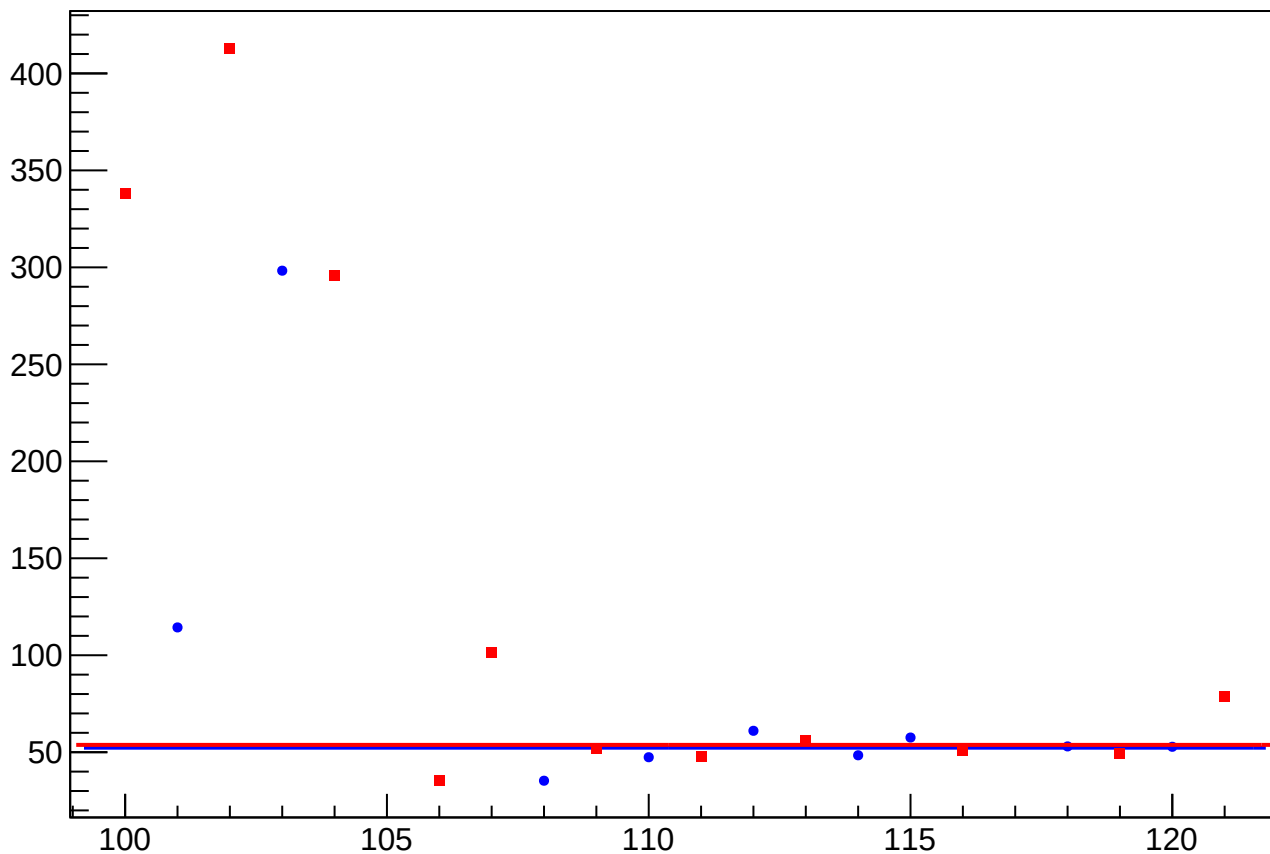
Right: 0.012+/-0.022 χ^2/NDF : 18.6/19

In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.022 χ^2/NDF : 18.6/19

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659804.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

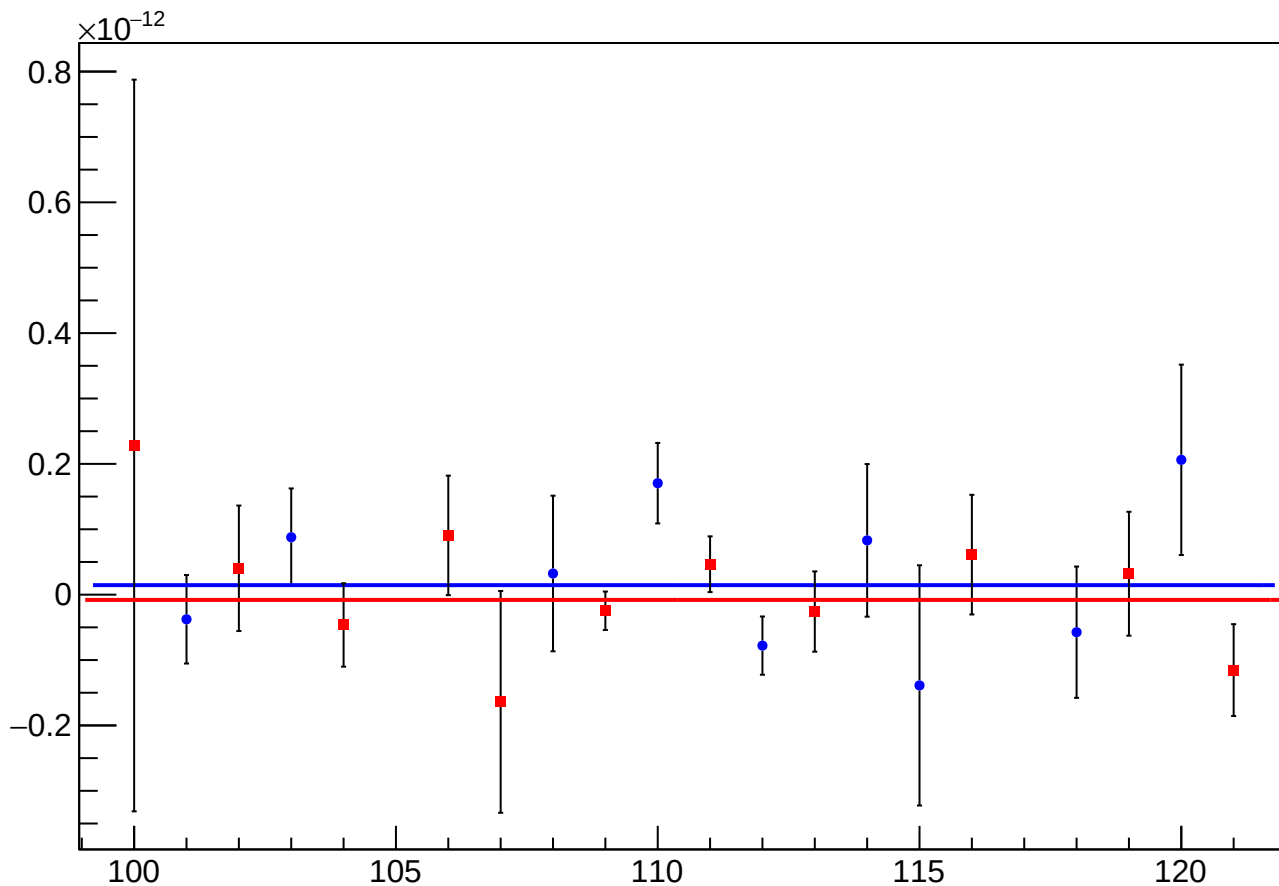
Right: 53.075+/-0.016 χ^2/NDF : 2983726.7/19

In: 52.344+/-0.022 χ^2/NDF :1321837.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.075+/-0.016 χ^2/NDF : 2983726.7/19

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 : 15.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

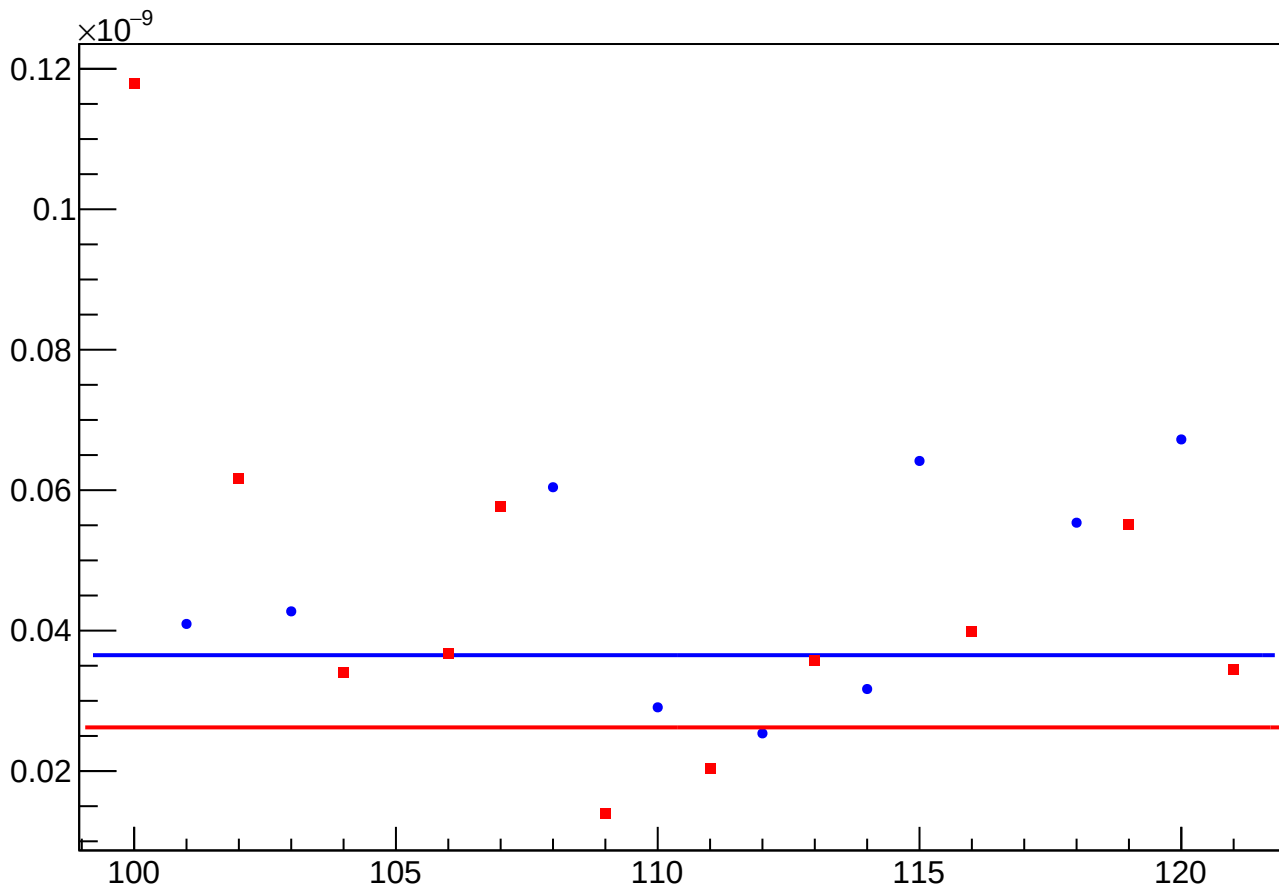
Right: -0.000+/-0.000 χ^2/NDF : 24.0/19

In: 0.000+/-0.000 χ^2/NDF : 15.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/19

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 : 465998.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1143029.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

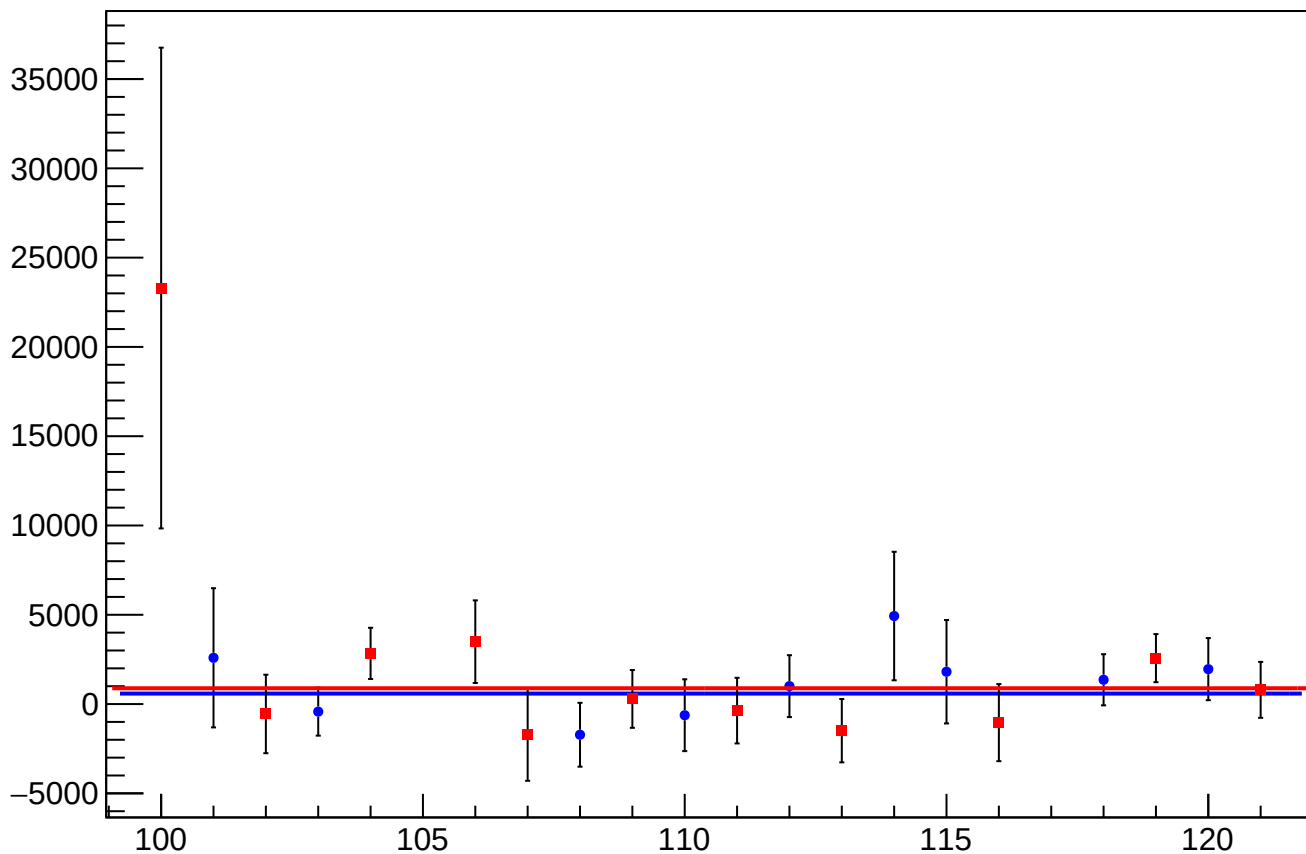
Right: 0.000+/-0.000 χ^2/NDF : 1817300.6/19

In: 0.000+/-0.000 χ^2/NDF : 465998.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1817300.6/19

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 587.183+/-629.008 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.520+/-558.607 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

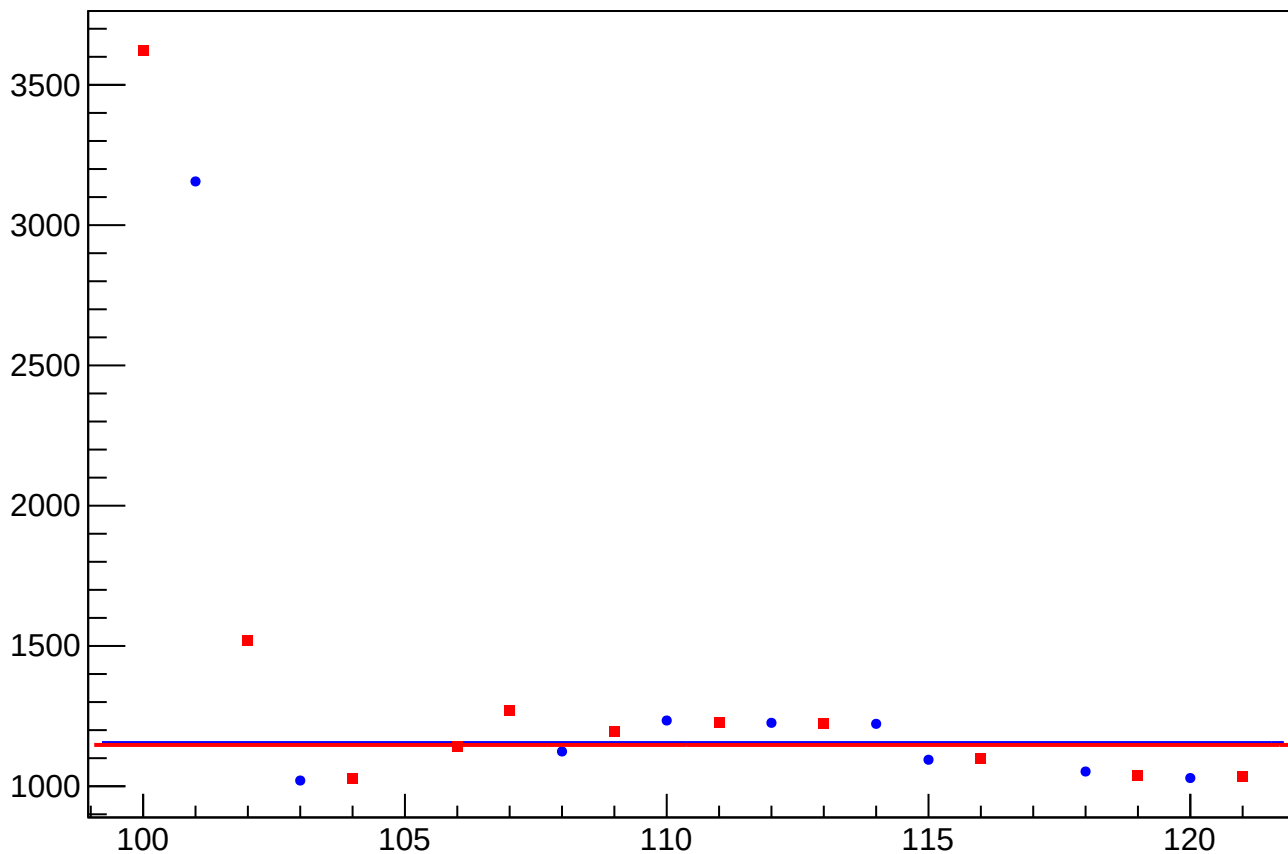
Right: 753.975+/-417.677 χ^2/NDF : 17.7/19

In: 587.183+/-629.008 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 753.975+/-417.677 χ^2/NDF : 17.7/19

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1153.853+/-0.445 χ^2/NDF : 576636.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1147.262+/-0.395 χ^2/NDF : 177330.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

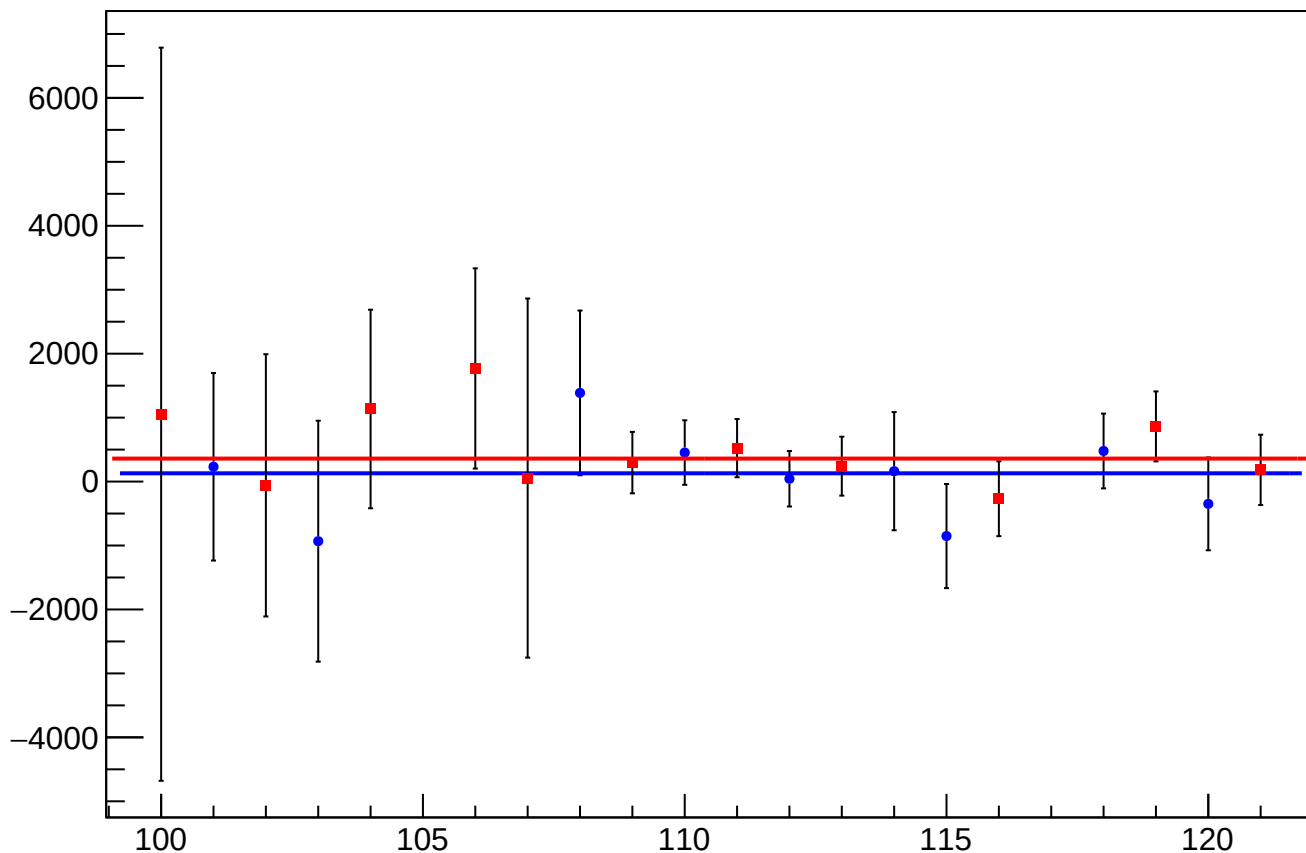
Right: 1150.168+/-0.295 χ^2/NDF : 754089.7/19

In: 1153.853+/-0.445 χ^2/NDF :576636.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1150.168+/-0.295 χ^2/NDF : 754089.7/19

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 129.346+/-235.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 359.510+/-201.395 χ^2/NDF : 3.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

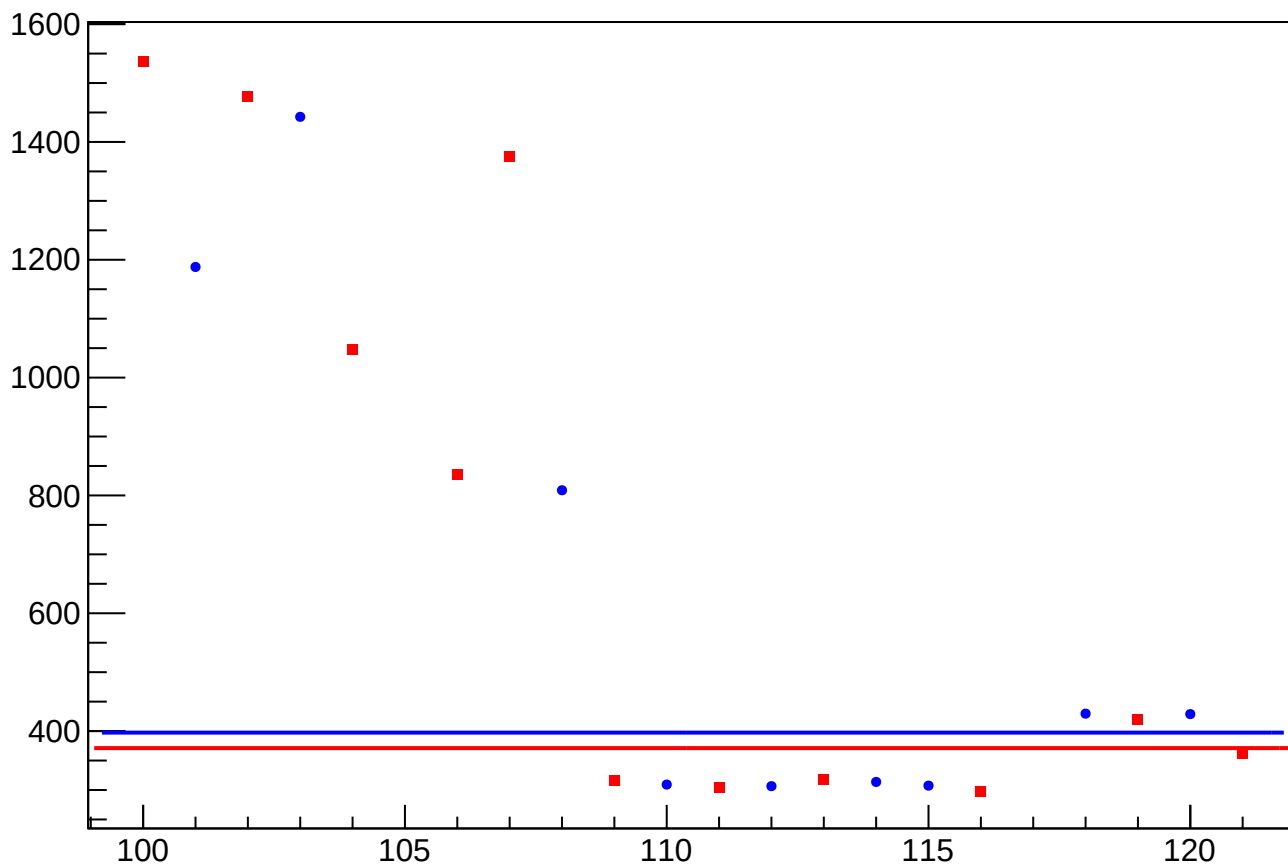
Right: 262.071+/-152.935 χ^2/NDF : 8.0/19

In: 129.346+/-235.049 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.071+/-152.935 χ^2/NDF : 8.0/19

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 397.432+/-0.166 χ^2/NDF : 1600035.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.131+/-0.142 χ^2/NDF : 1622532.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

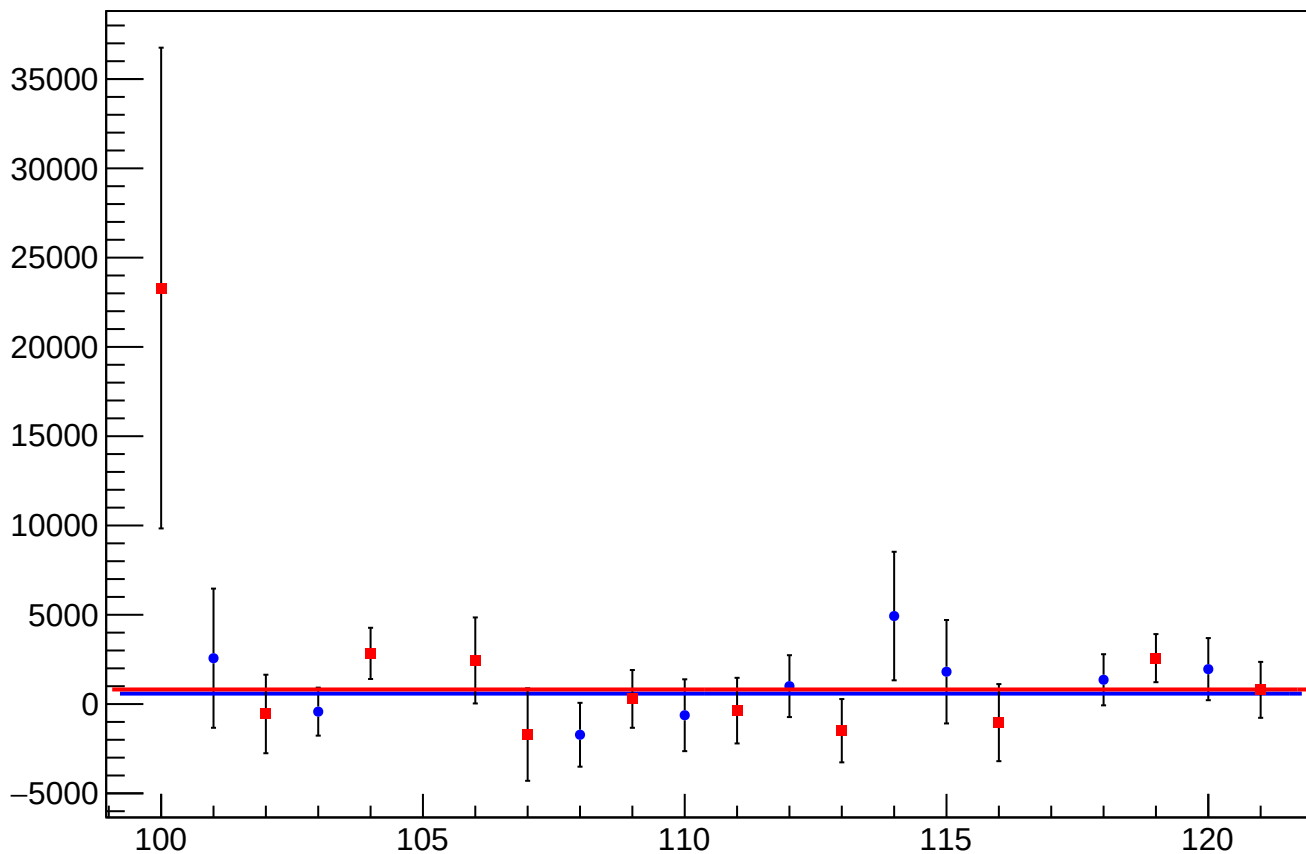
Right: 382.265+/-0.108 χ^2/NDF : 3237007.6/19

In: 397.432+/-0.166 χ^2/NDF : 1600035.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.265+/-0.108 χ^2/NDF : 3237007.6/19

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.959+/-559.867 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

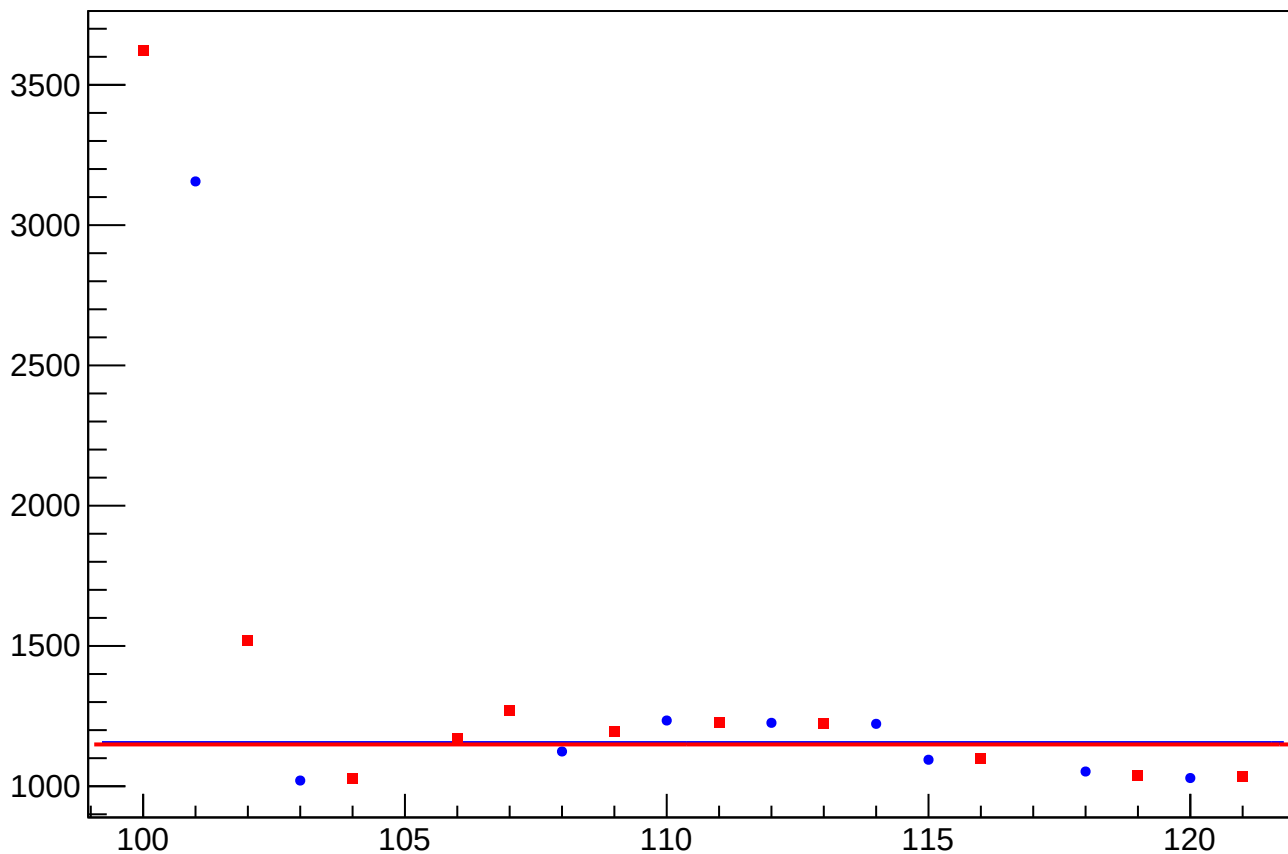
Right: 715.072+/-418.203 χ^2/NDF : 16.8/19

In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.072+/-418.203 χ^2/NDF : 16.8/19

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.987+/-0.396 χ^2/NDF : 177500.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

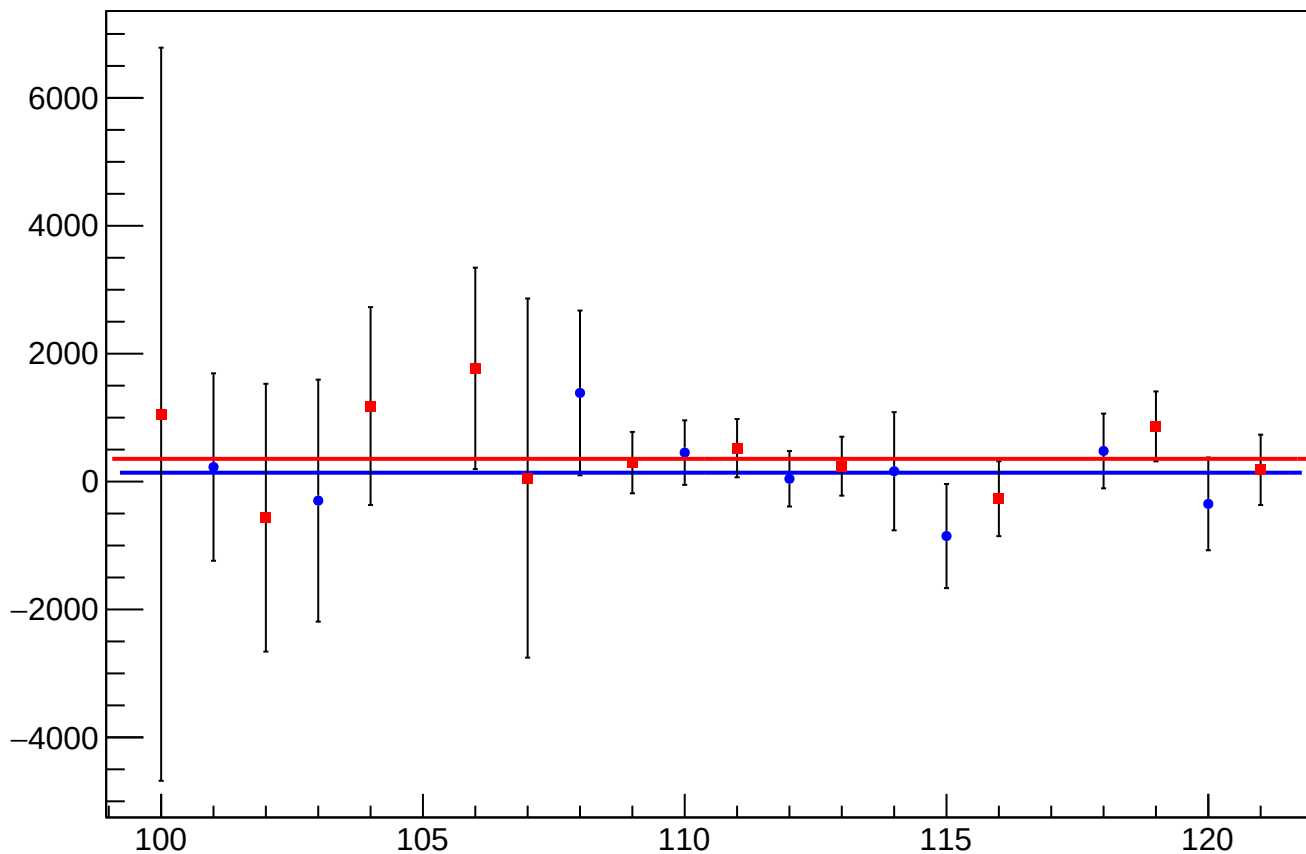
Right: 1151.138+/-0.296 χ^2/NDF : 754205.2/19

In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.138+/-0.296 χ^2/NDF : 754205.2/19

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.638+/-201.447 χ^2/NDF : 3.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

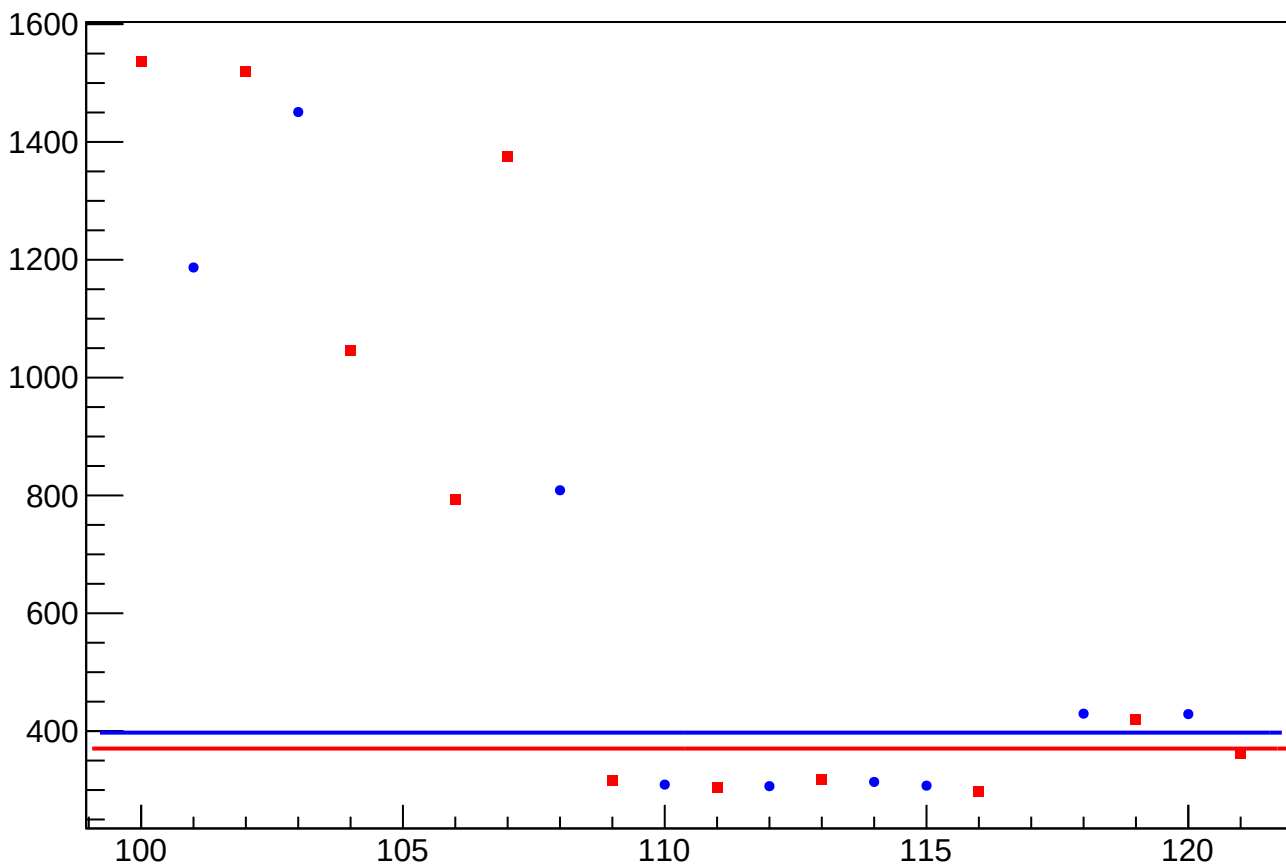
Right: 263.861+/-152.960 χ^2/NDF : 7.8/19

In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.861+/-152.960 χ^2/NDF : 7.8/19

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.353+/-0.142 χ^2/NDF : 1609444.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

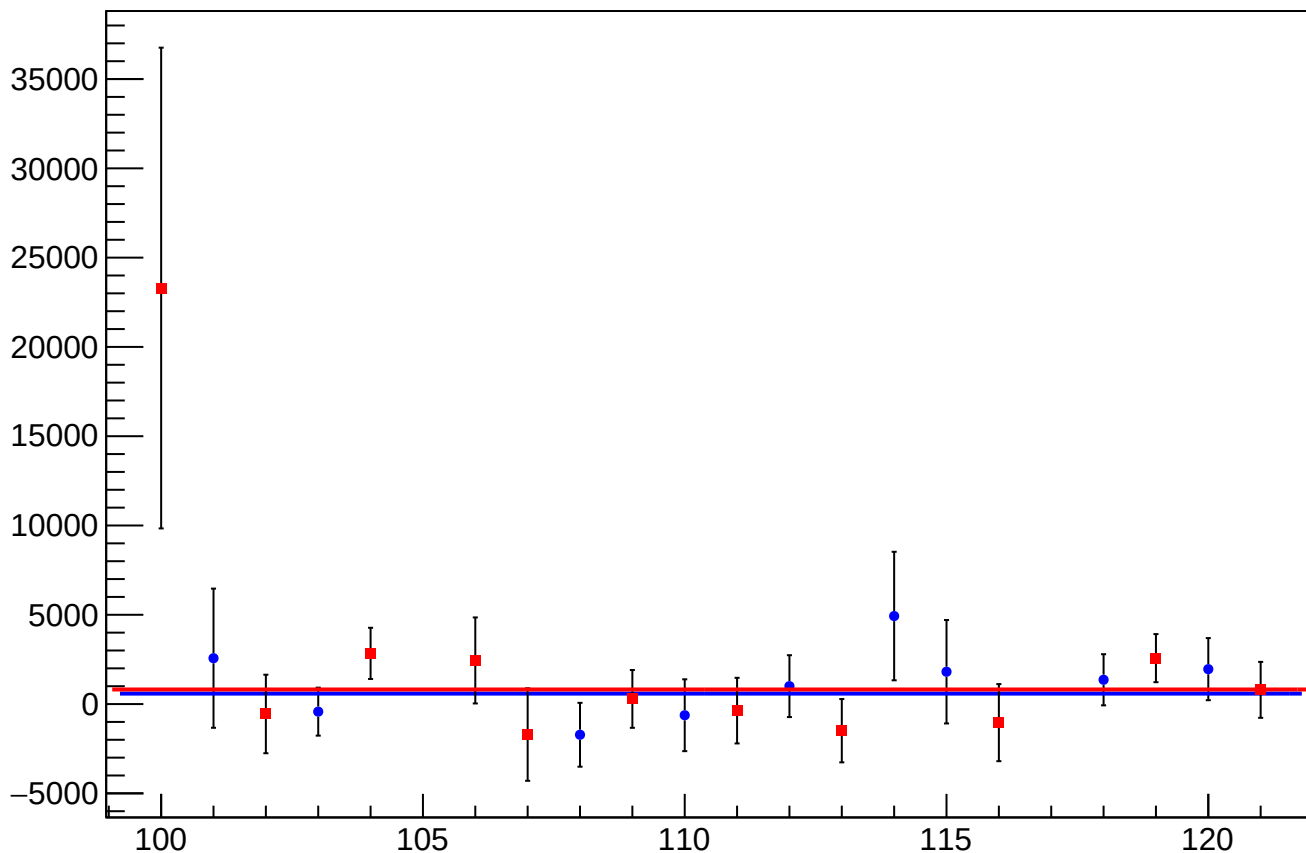
Right: 381.813+/-0.108 χ^2/NDF : 3228440.6/19

In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.813+/-0.108 χ^2/NDF : 3228440.6/19

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.959+/-559.867 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

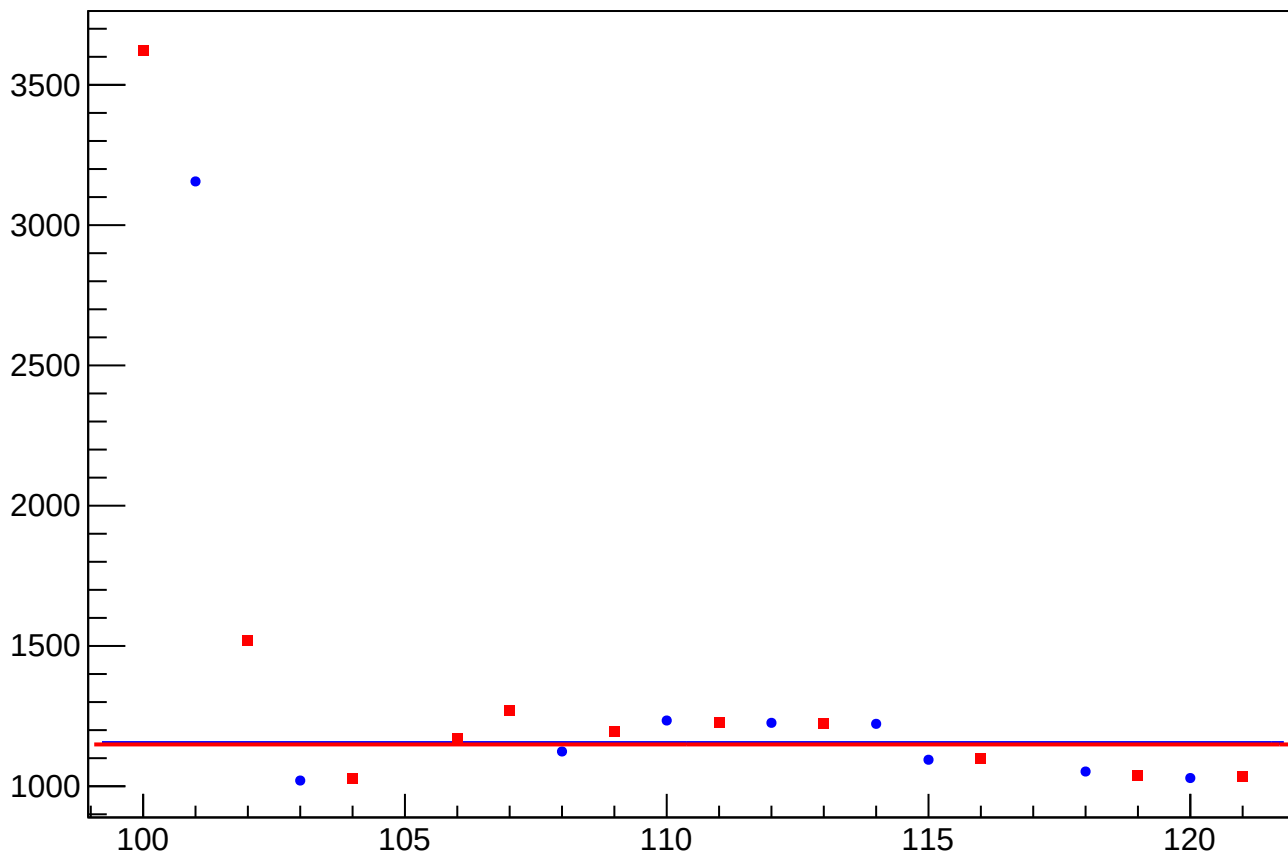
Right: 715.072+/-418.203 χ^2/NDF : 16.8/19

In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.072+/-418.203 χ^2/NDF : 16.8/19

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.987+/-0.396 χ^2/NDF : 177500.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

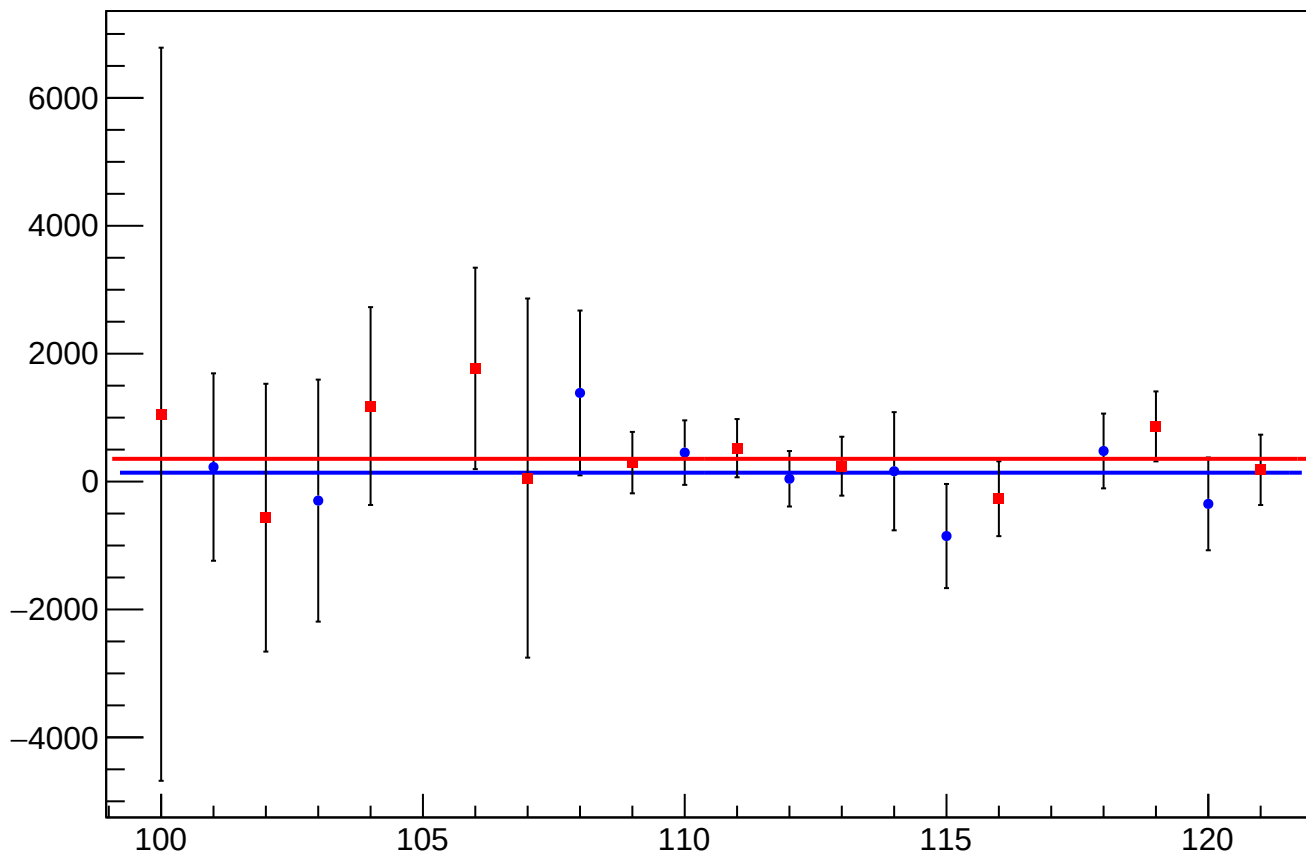
Right: 1151.138+/-0.296 χ^2/NDF : 754205.2/19

In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.138+/-0.296 χ^2/NDF : 754205.2/19

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.638+/-201.447 χ^2/NDF : 3.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

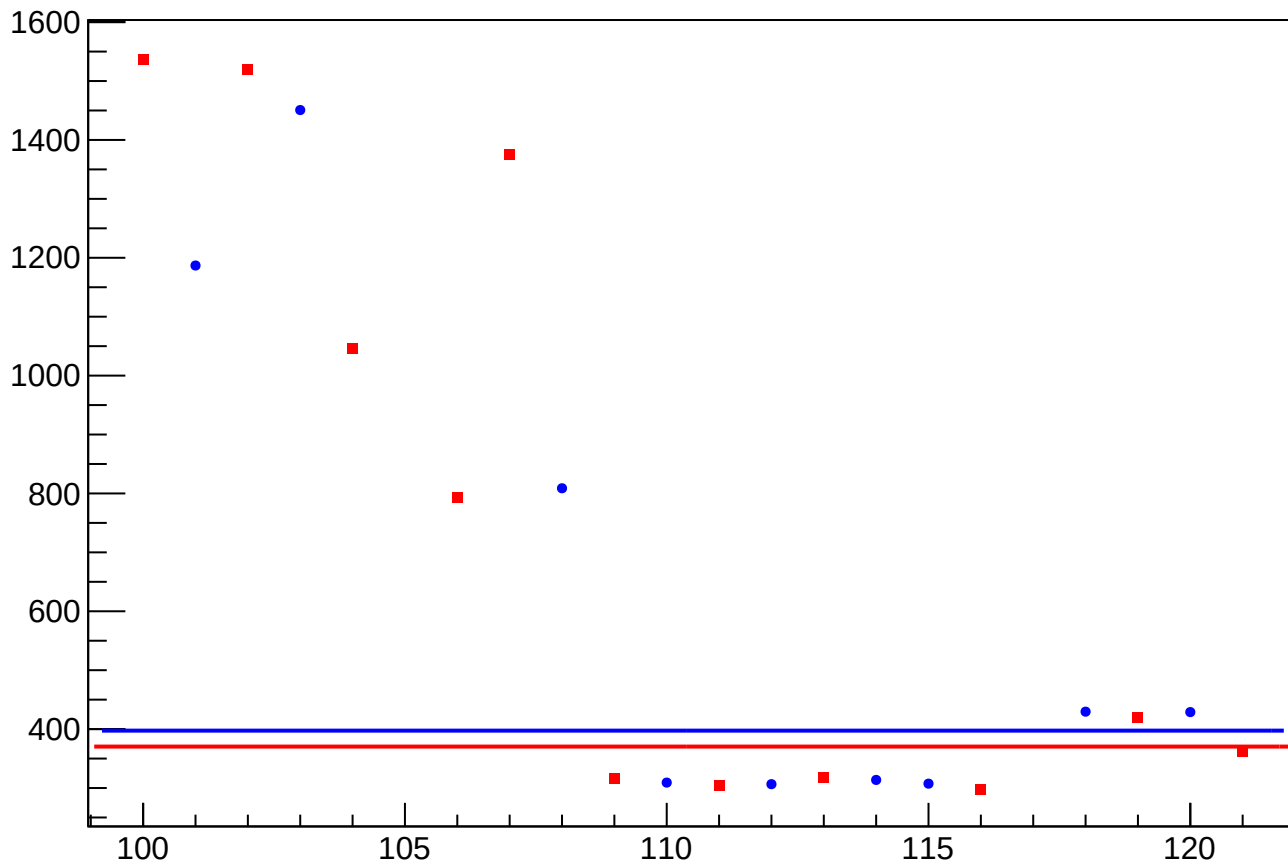
Right: 263.861+/-152.960 χ^2/NDF : 7.8/19

In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.861+/-152.960 χ^2/NDF : 7.8/19

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.353+/-0.142 χ^2/NDF : 1609444.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

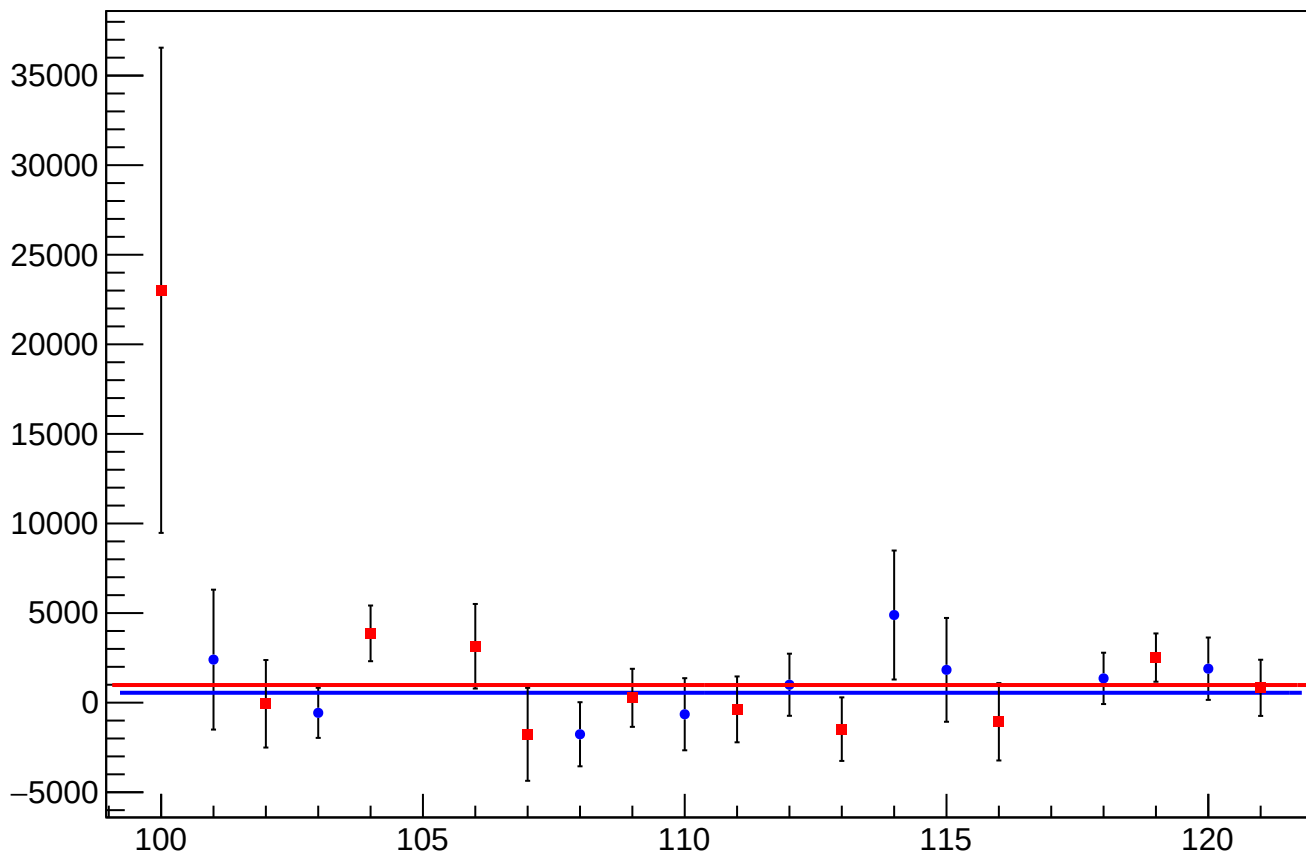
Right: 381.813+/-0.108 χ^2/NDF : 3228440.6/19

In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.813+/-0.108 χ^2/NDF : 3228440.6/19

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 551.706+/-634.575 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.258+/-569.541 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

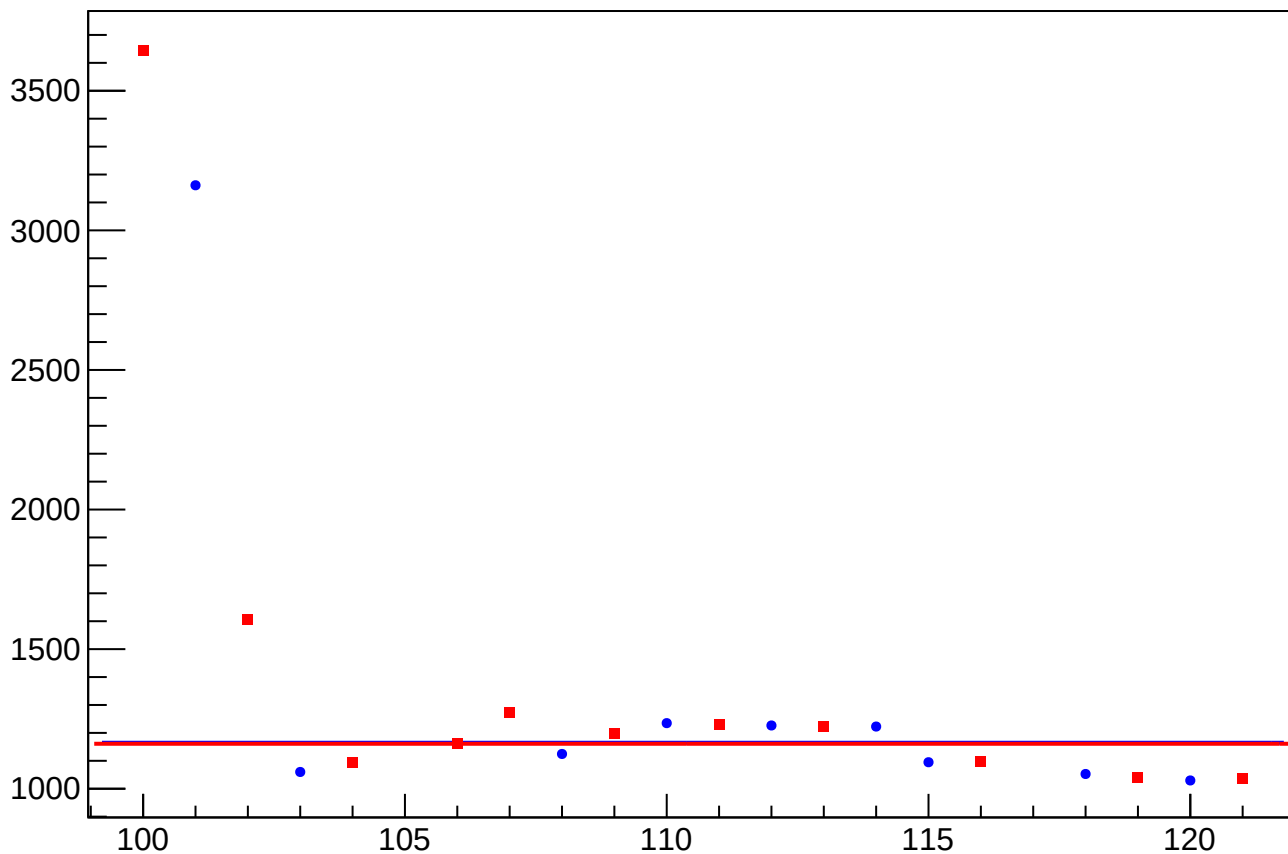
Right: 791.276+/-423.860 χ^2/NDF : 18.9/19

In: 551.706+/-634.575 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.276+/-423.860 χ^2/NDF : 18.9/19

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1164.656+/-0.449 χ^2/NDF : 566316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1161.064+/-0.403 χ^2/NDF : 178097.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

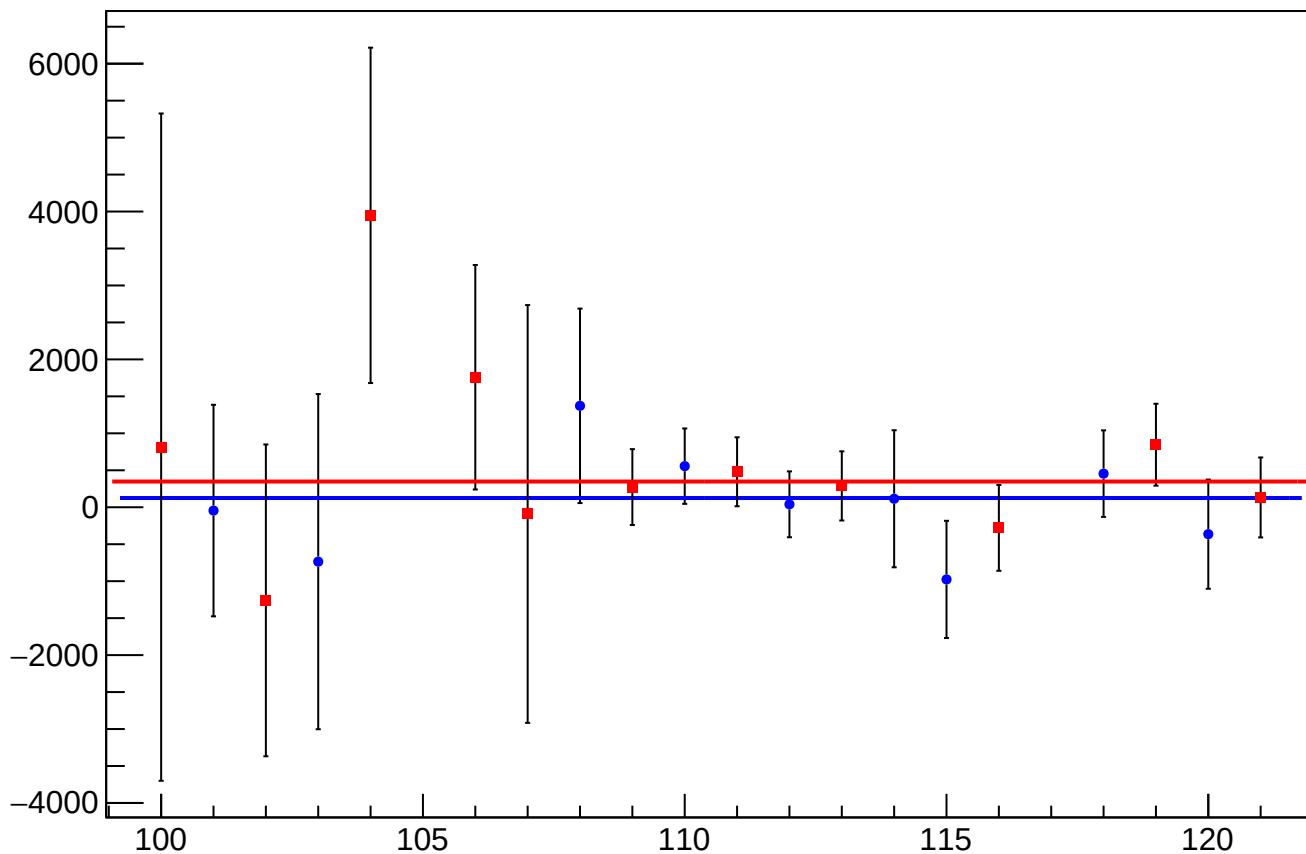
Right: 1162.667+/-0.300 χ^2/NDF : 744450.0/19

In: 1164.656+/-0.449 χ^2/NDF :566316.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1162.667+/-0.300 χ^2/NDF : 744450.0/19

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 124.959+/-238.047 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 347.831+/-205.707 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

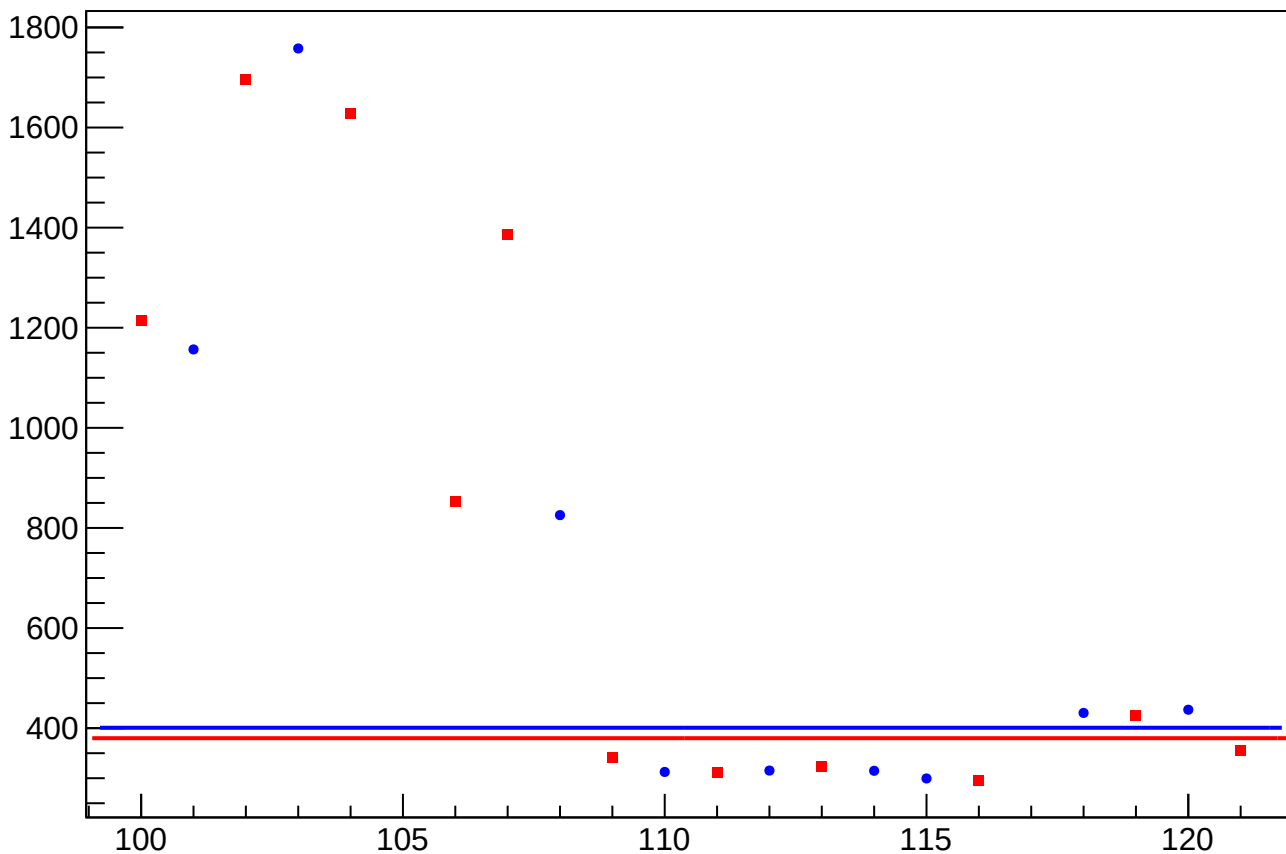
Right: 252.551+/-155.645 χ^2/NDF : 11.2/19

In: 124.959+/-238.047 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.551+/-155.645 χ^2/NDF : 11.2/19

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 400.798+/-0.168 χ^2/NDF : 1676995.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.948+/-0.145 χ^2/NDF : 2042717.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

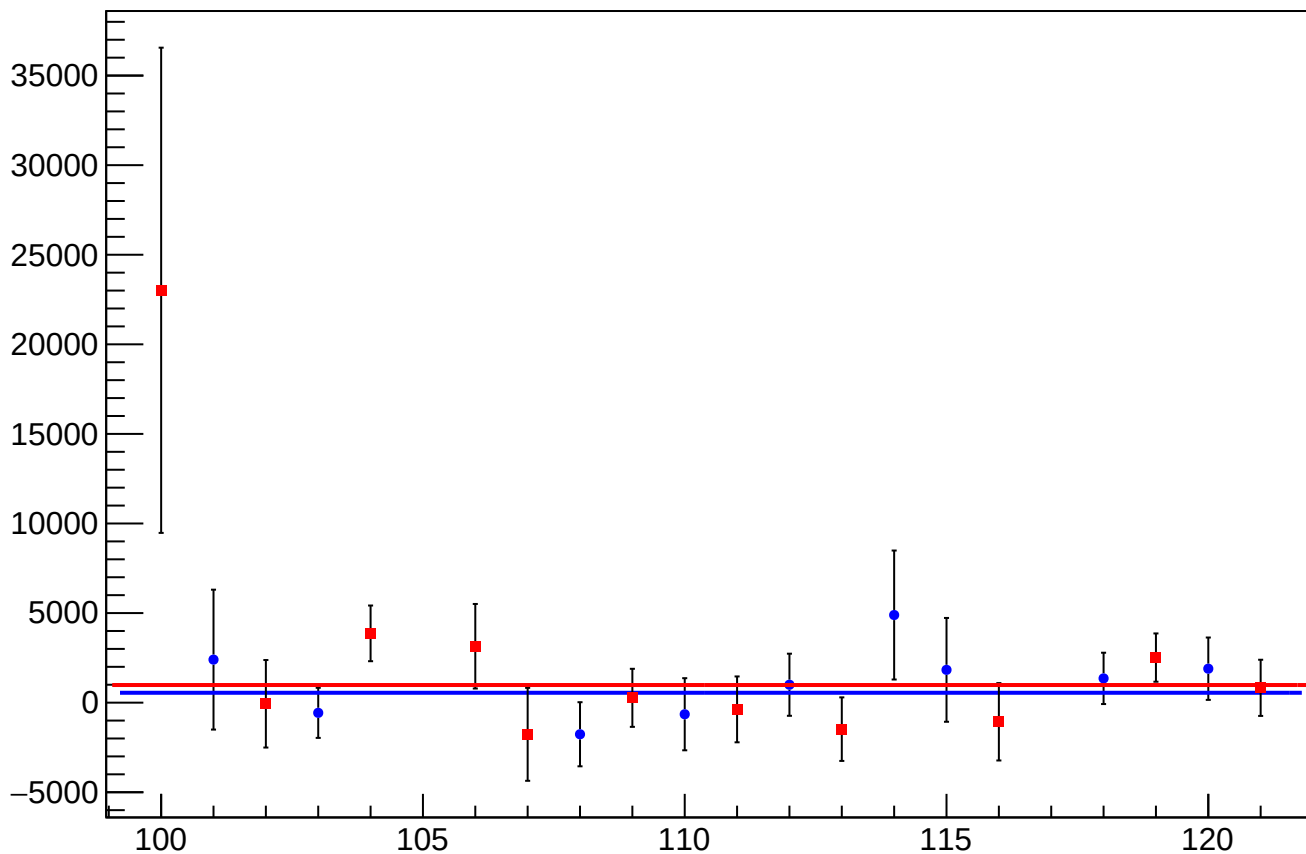
Right: 388.862+/-0.110 χ^2/NDF : 3728497.4/19

In: 400.798+/-0.168 χ^2/NDF : 1676995.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.862+/-0.110 χ^2/NDF : 3728497.4/19

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 551.704+/-634.575 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.255+/-569.541 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

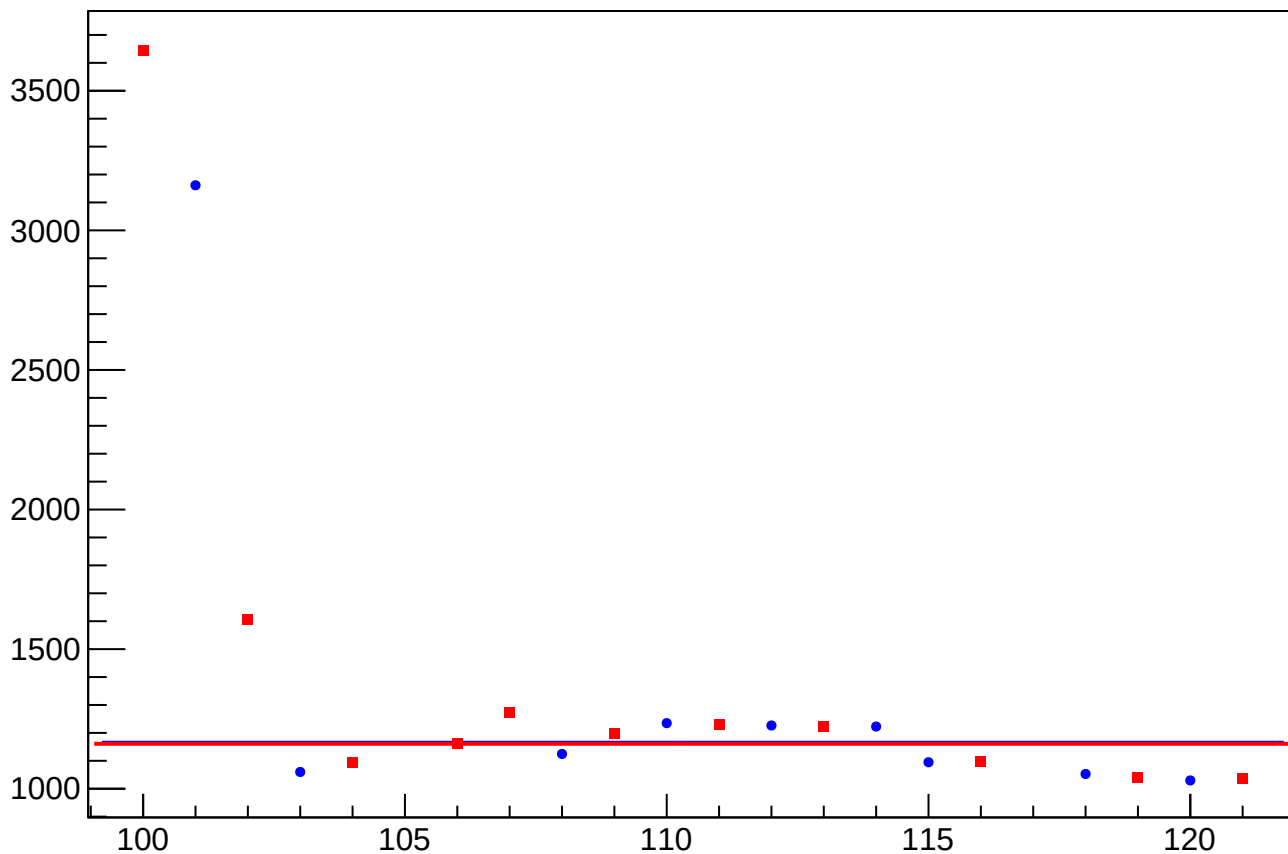
Right: 791.274+/-423.860 χ^2/NDF : 18.9/19

In: 551.704+/-634.575 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.274+/-423.860 χ^2/NDF : 18.9/19

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1164.656+/-0.449 χ^2/NDF : 566316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1161.064+/-0.403 χ^2/NDF : 178097.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

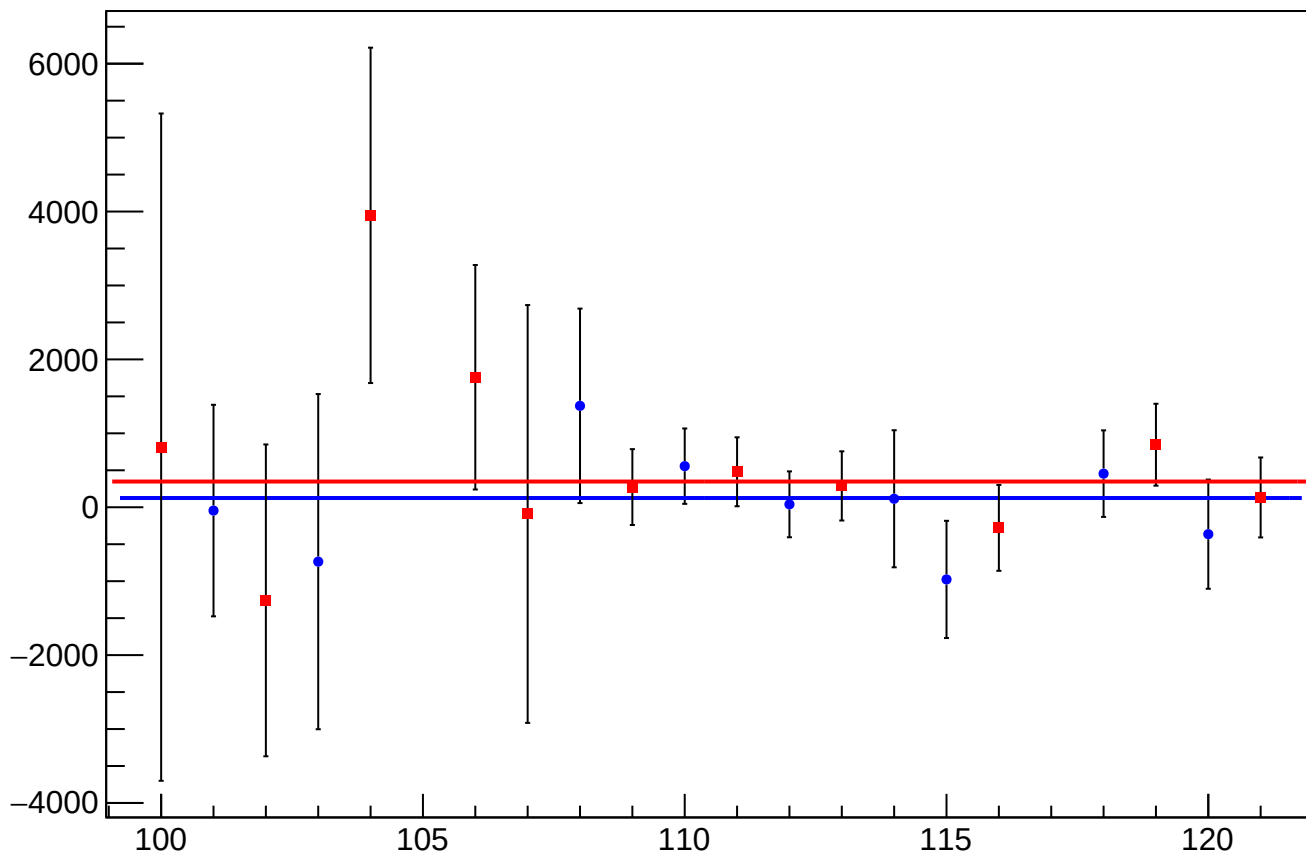
Right: 1162.667+/-0.300 χ^2/NDF : 744450.1/19

In: 1164.656+/-0.449 χ^2/NDF :566316.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1162.667+/-0.300 χ^2/NDF : 744450.1/19

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 124.955+/-238.045 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 347.827+/-205.706 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

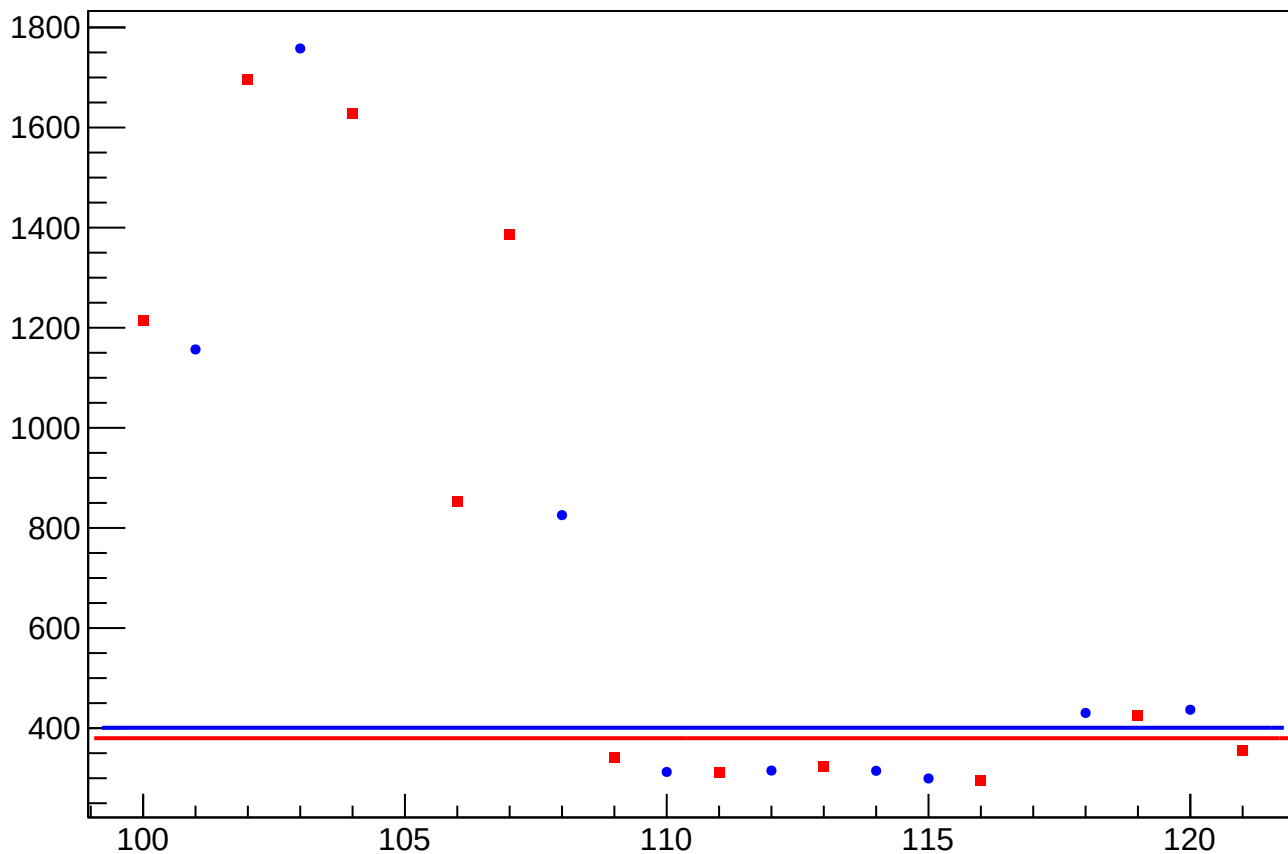
Right: 252.547+/-155.644 χ^2/NDF : 11.2/19

In: 124.955+/-238.045 χ^2/NDF :4.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 252.547+/-155.644 χ^2/NDF : 11.2/19

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 400.796+/-0.168 χ^2/NDF : 1676999.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.946+/-0.145 χ^2/NDF : 2042728.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

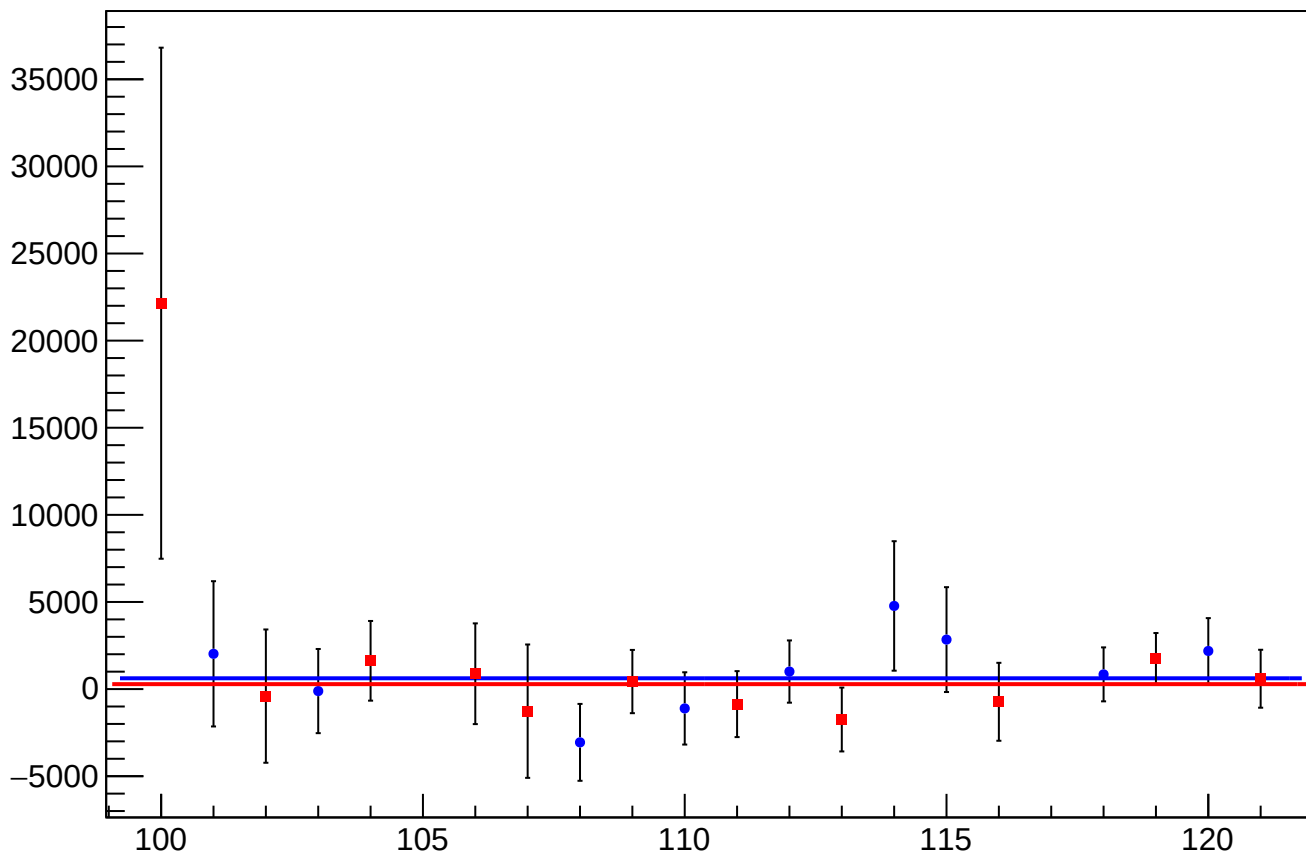
Right: 388.859+/-0.110 χ^2/NDF : 3728512.7/19

In: 400.796+/-0.168 χ^2/NDF : 1676999.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.859+/-0.110 χ^2/NDF : 3728512.7/19

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 619.302+/-733.006 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.501+/-650.389 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

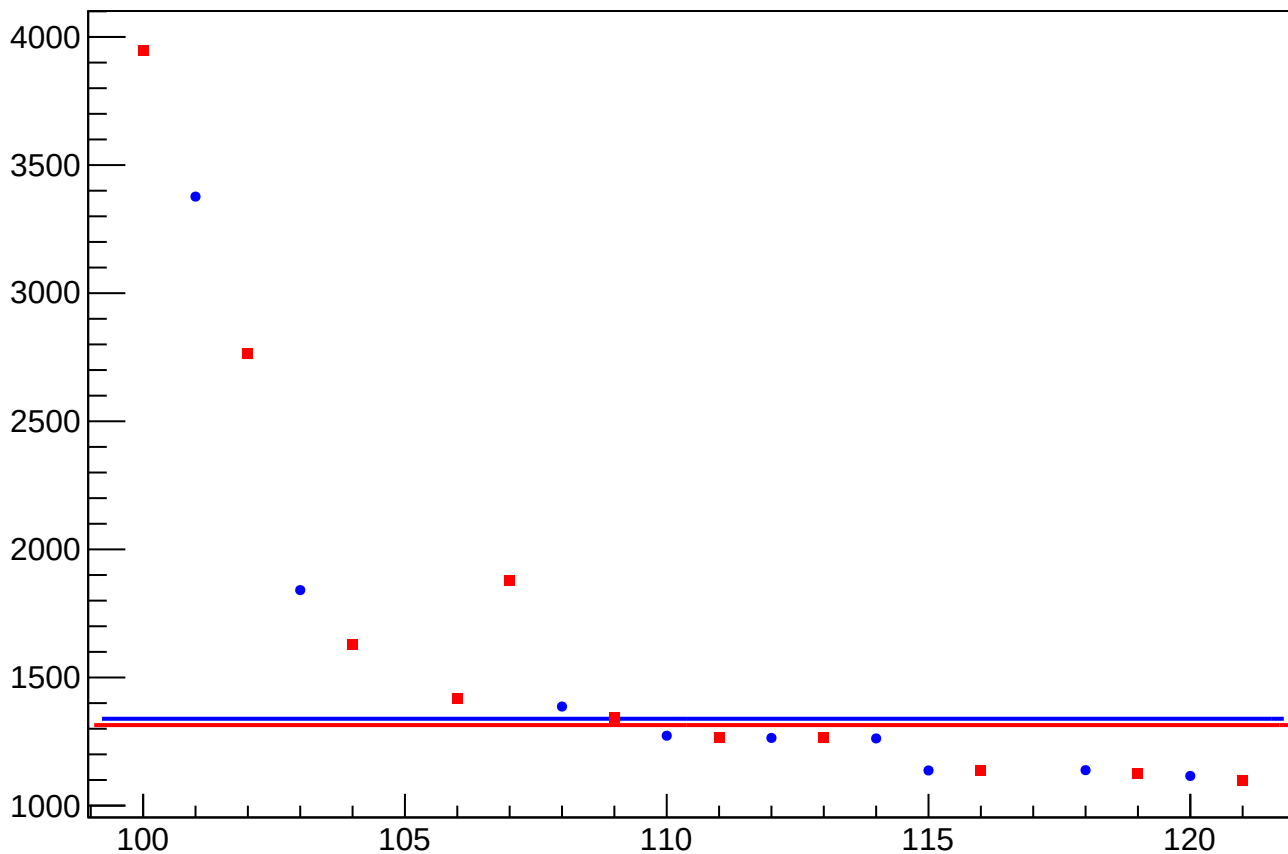
Right: 431.419+/-486.493 χ^2/NDF : 12.0/19

In: 619.302+/-733.006 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.419+/-486.493 χ^2/NDF : 12.0/19

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1338.973+/-0.518 χ^2/NDF : 642205.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1314.285+/-0.460 χ^2/NDF : 518268.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

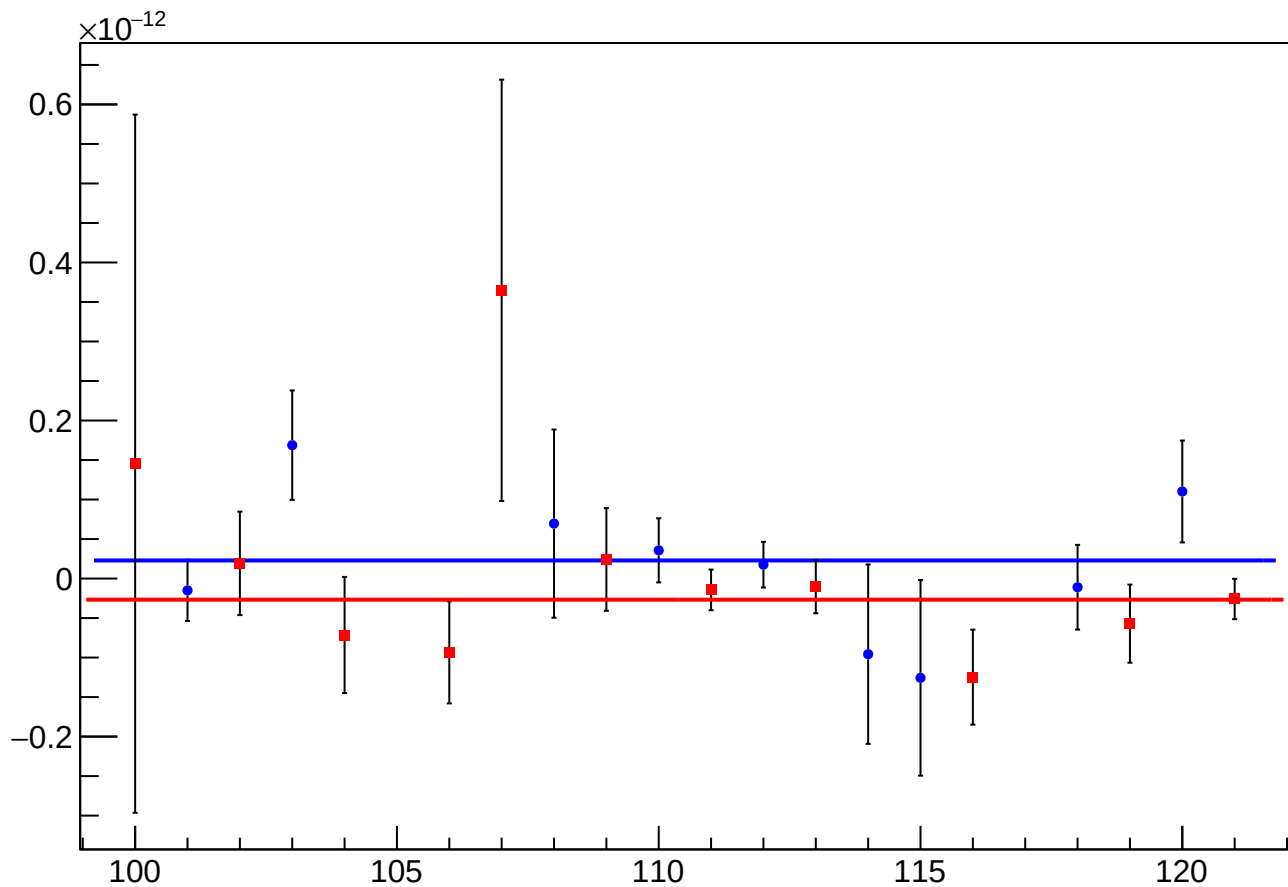
Right: 1325.160+/-0.344 χ^2/NDF : 1161743.7/19

In: 1338.973+/-0.518 χ^2/NDF :642205.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1325.160+/-0.344 χ^2/NDF : 1161743.7/19

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

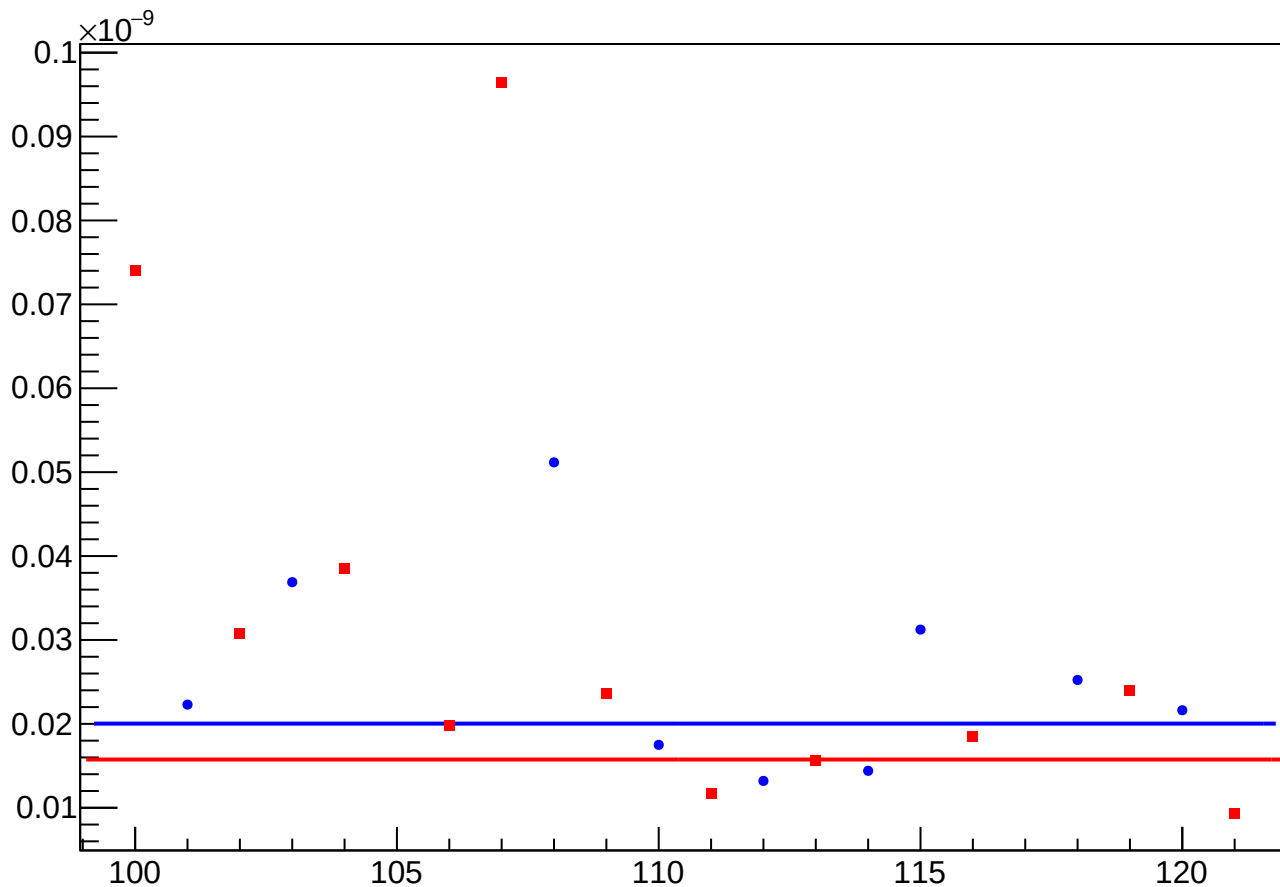
Right: -0.000+/-0.000 χ^2/NDF : 24.1/19

In: 0.000+/-0.000 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.1/19

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 423002.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 790414.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

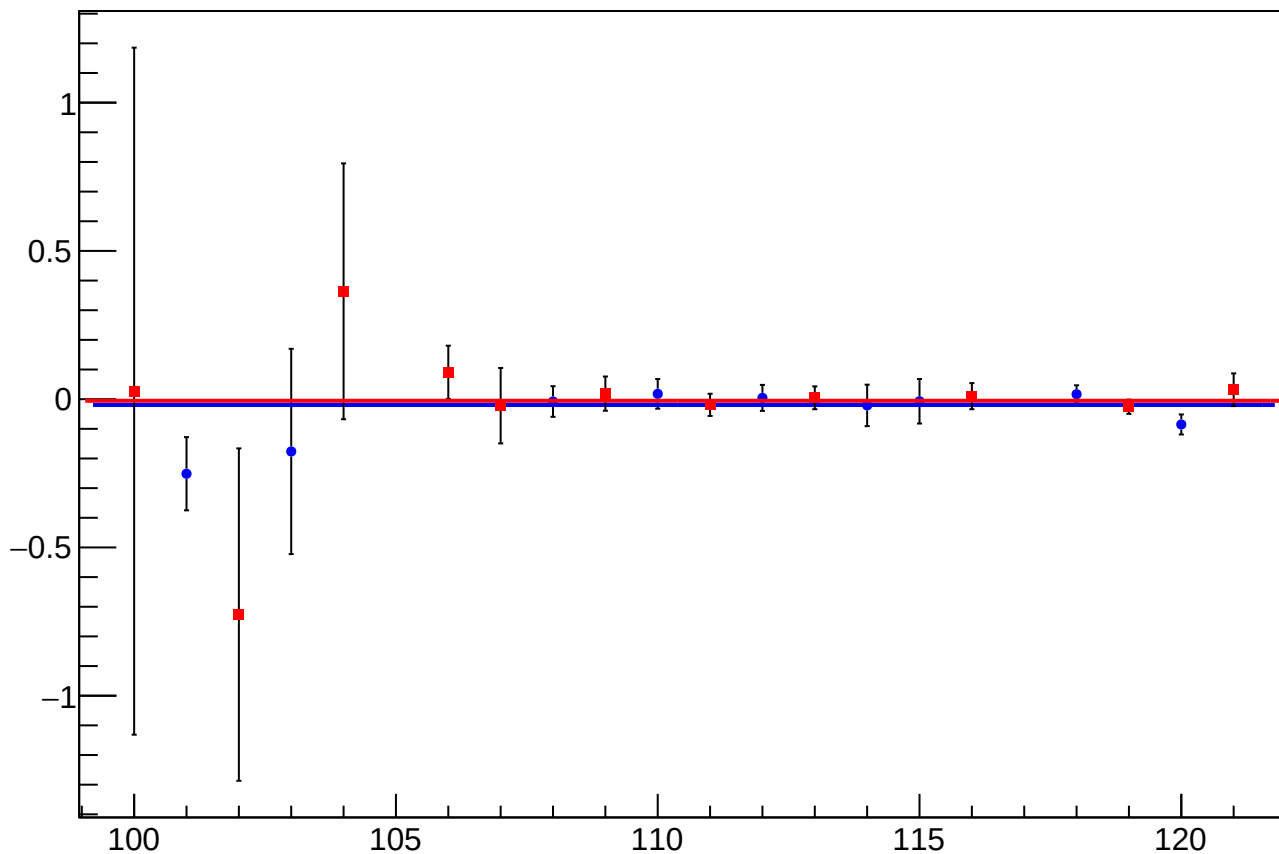
Right: 0.000+/-0.000 χ^2/NDF : 1291707.3/19

In: 0.000+/-0.000 χ^2/NDF : 423002.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1291707.3/19

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.016 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.015 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

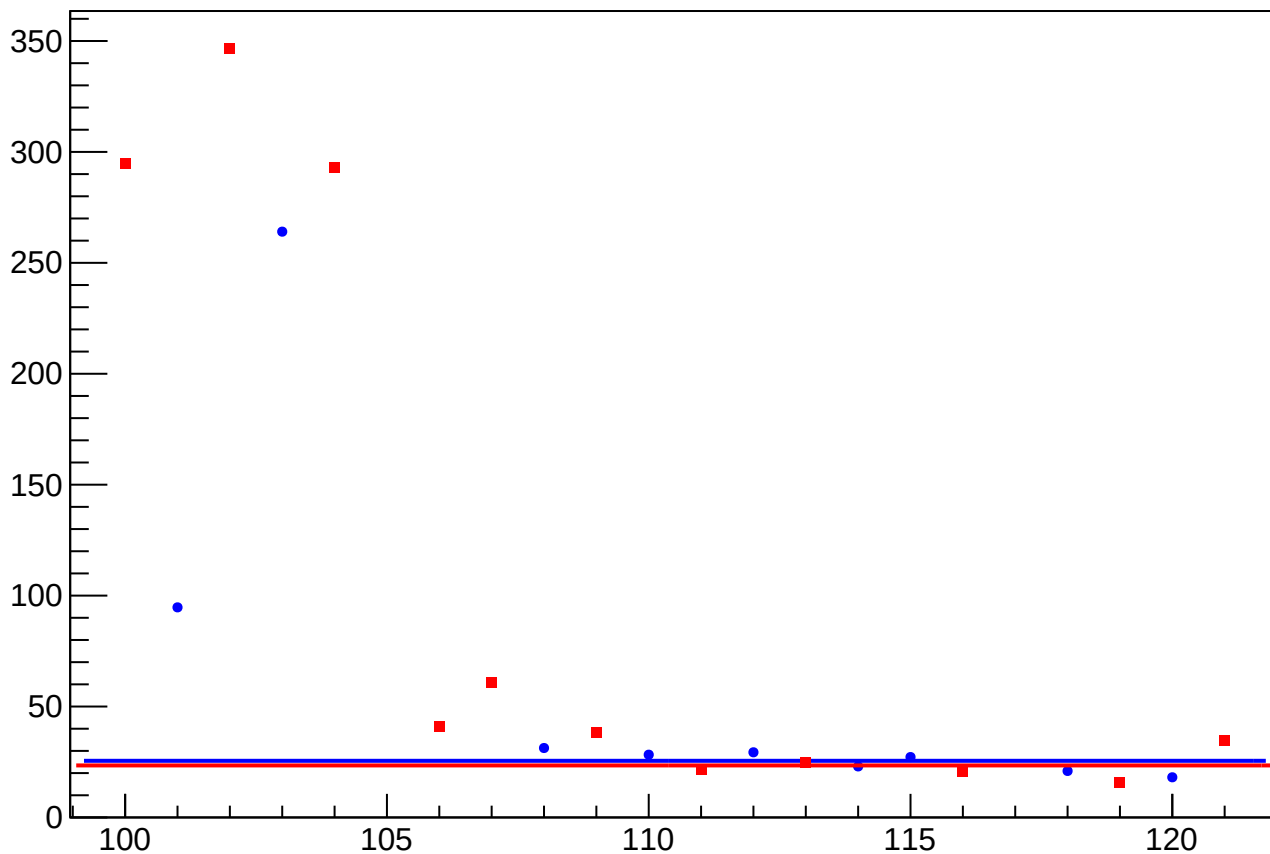
Right: -0.012+/-0.011 χ^2/NDF : 15.5/19

In: -0.020+/-0.016 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.011 χ^2/NDF : 15.5/19

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.452+/-0.011 χ^2/NDF : 2256250.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

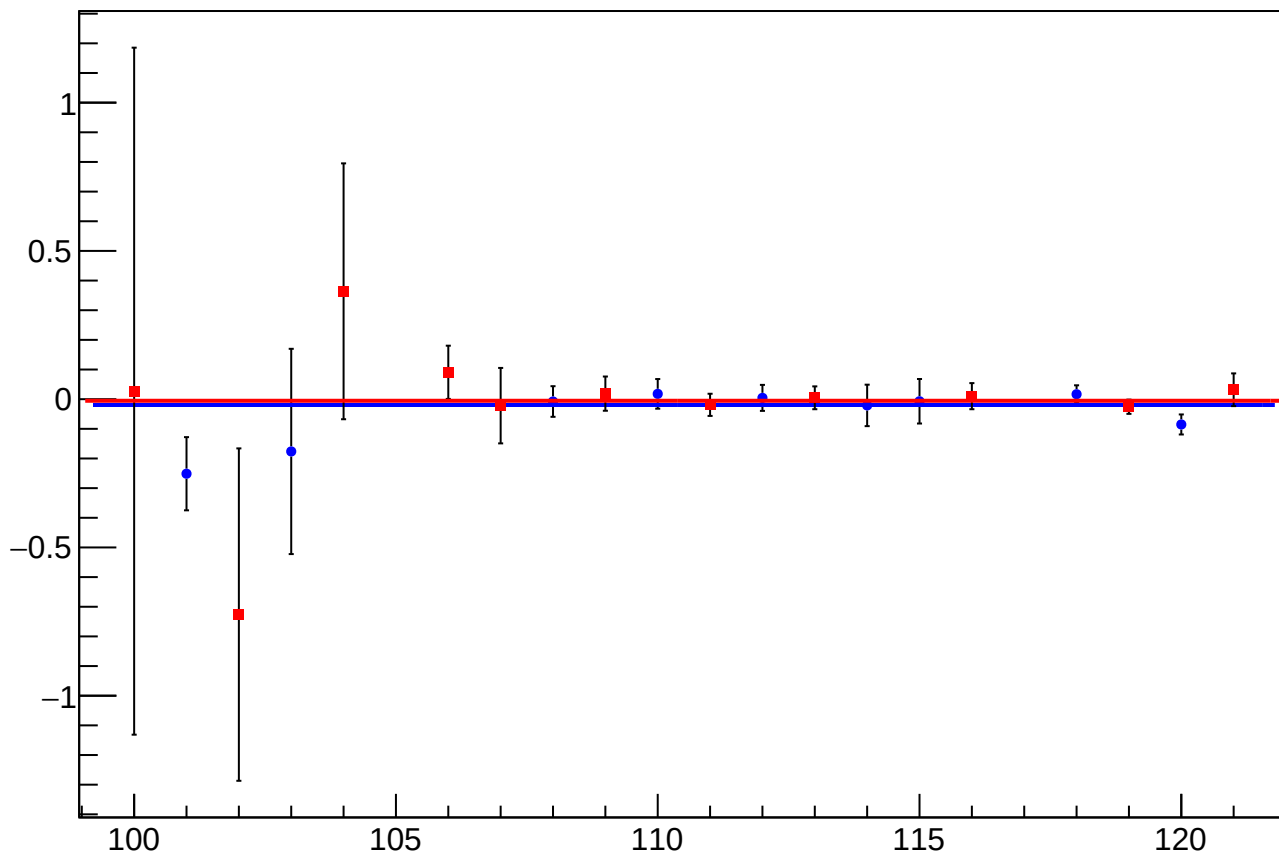
Right: 24.401+/-0.008 χ^2/NDF : 4044994.5/19

In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.401+/-0.008 χ^2/NDF : 4044994.5/19

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.016 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.015 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

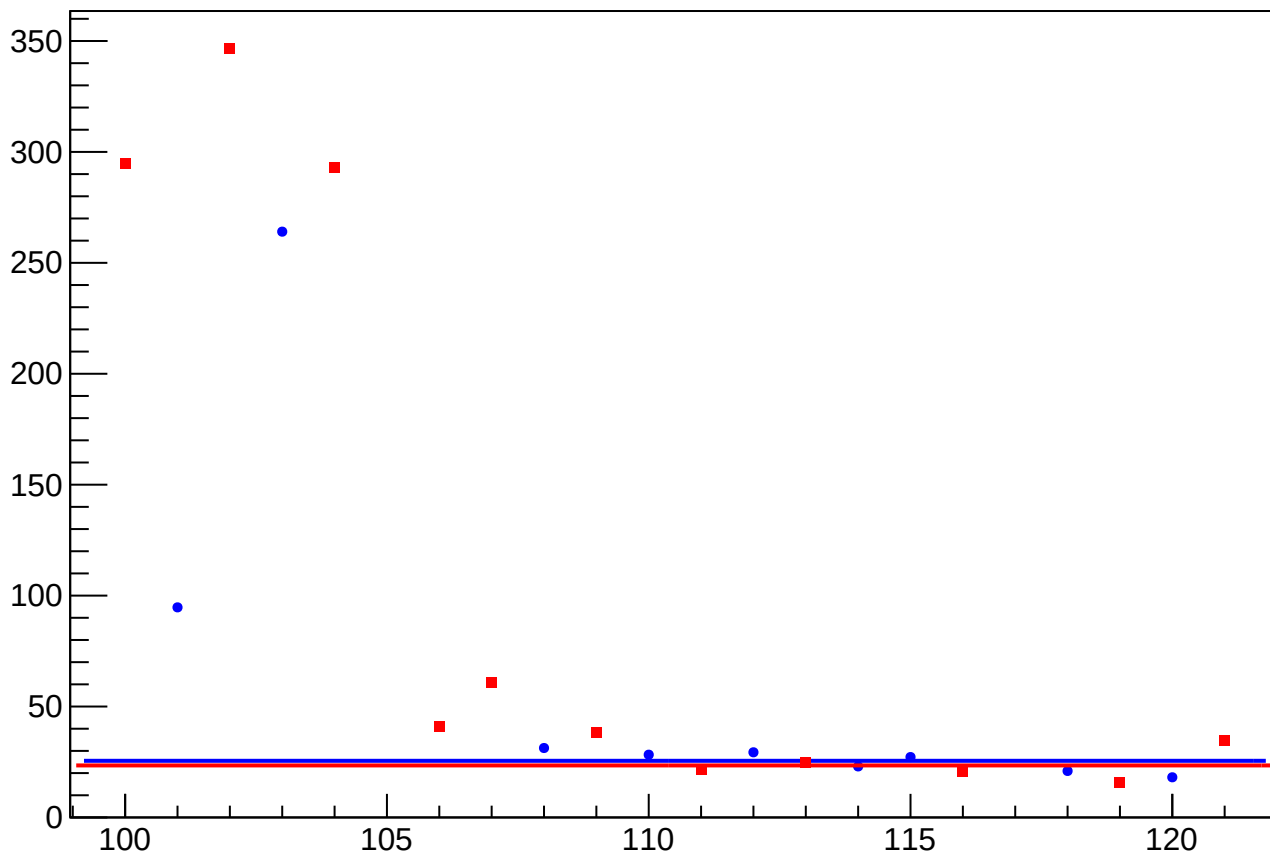
Right: -0.012+/-0.011 χ^2/NDF : 15.5/19

In: -0.020+/-0.016 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.011 χ^2/NDF : 15.5/19

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.452+/-0.011 χ^2/NDF : 2256250.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

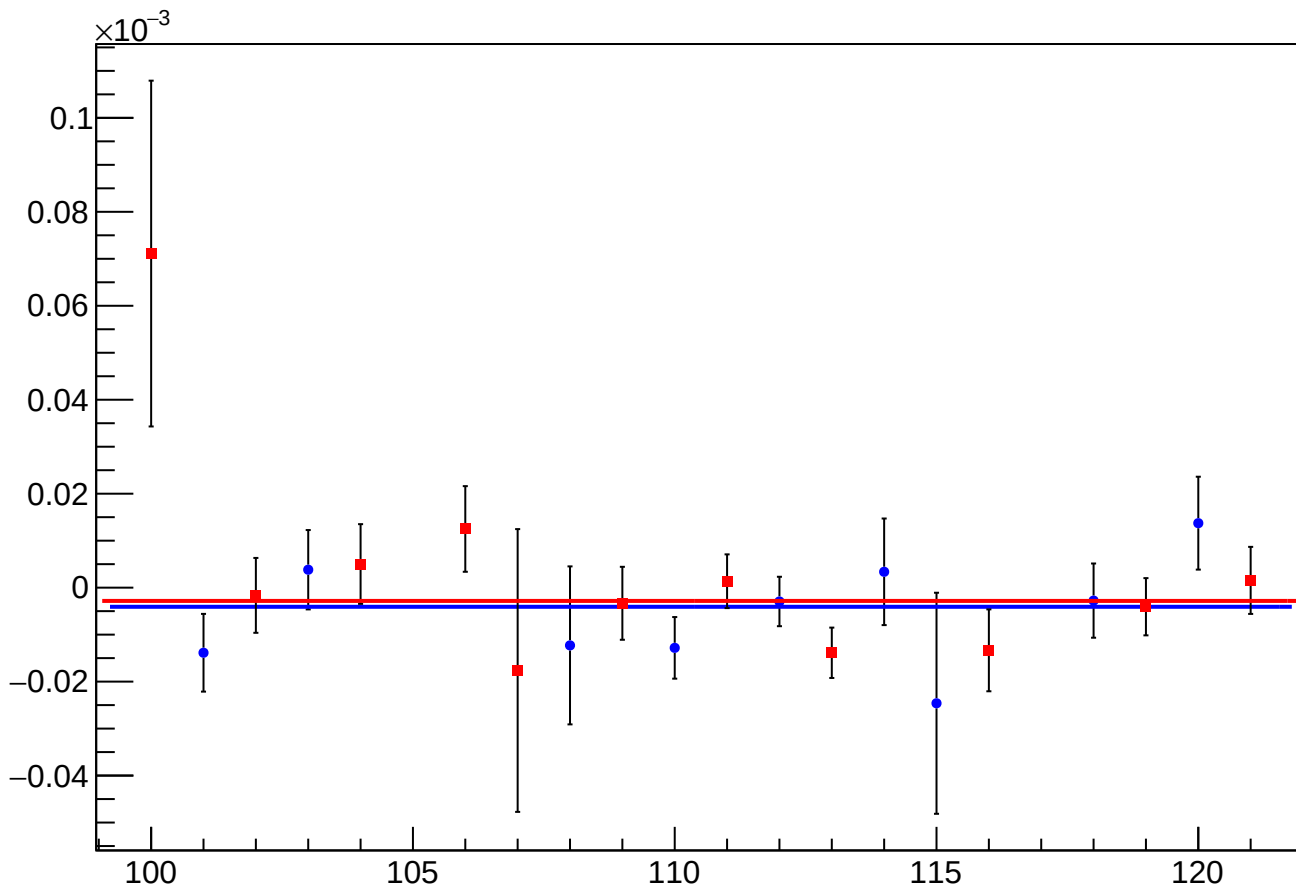
Right: 24.401+/-0.008 χ^2/NDF : 4044994.5/19

In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.401+/-0.008 χ^2/NDF : 4044994.5/19

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 : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

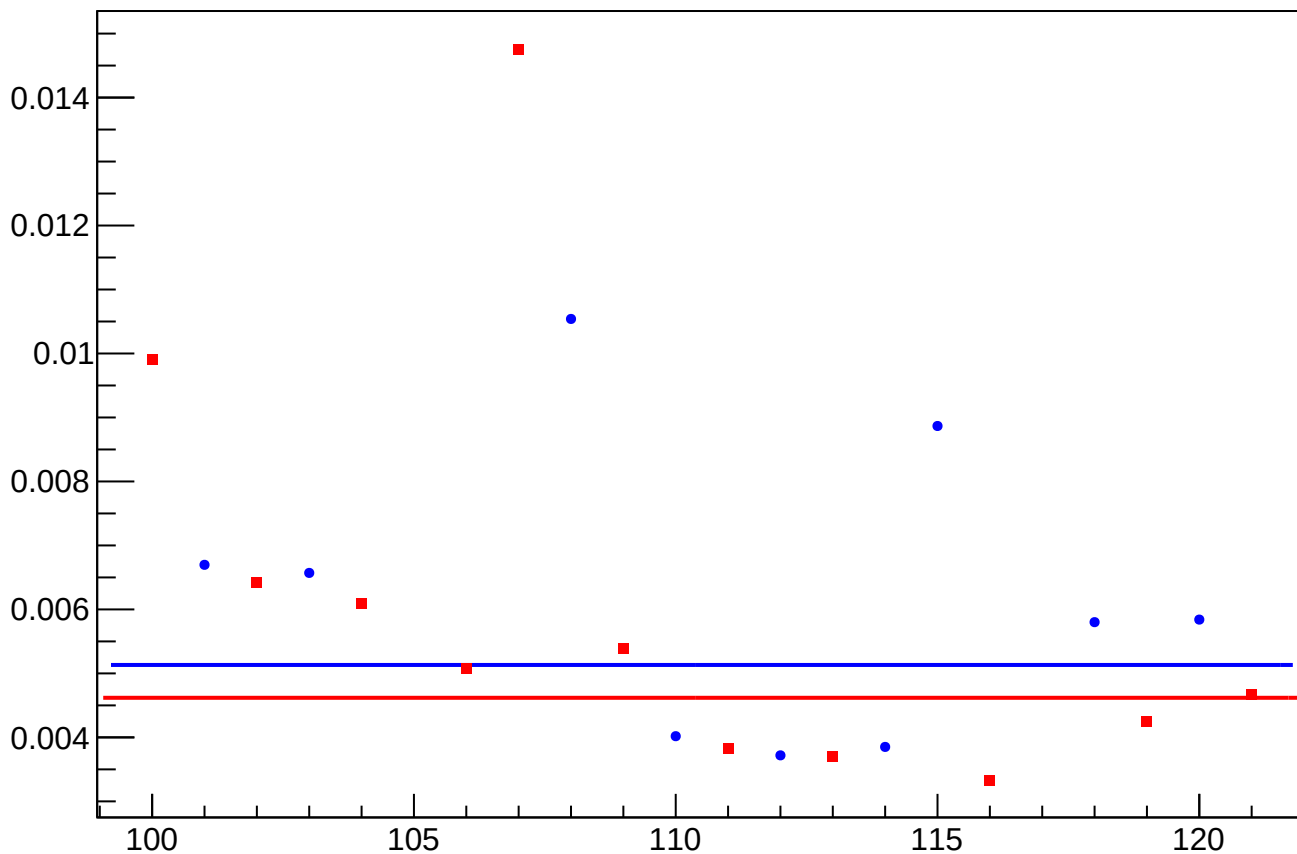
Right: -0.000+/-0.000 χ^2/NDF : 23.6/19

In: -0.000+/-0.000 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/19

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 : 638866.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 605218.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

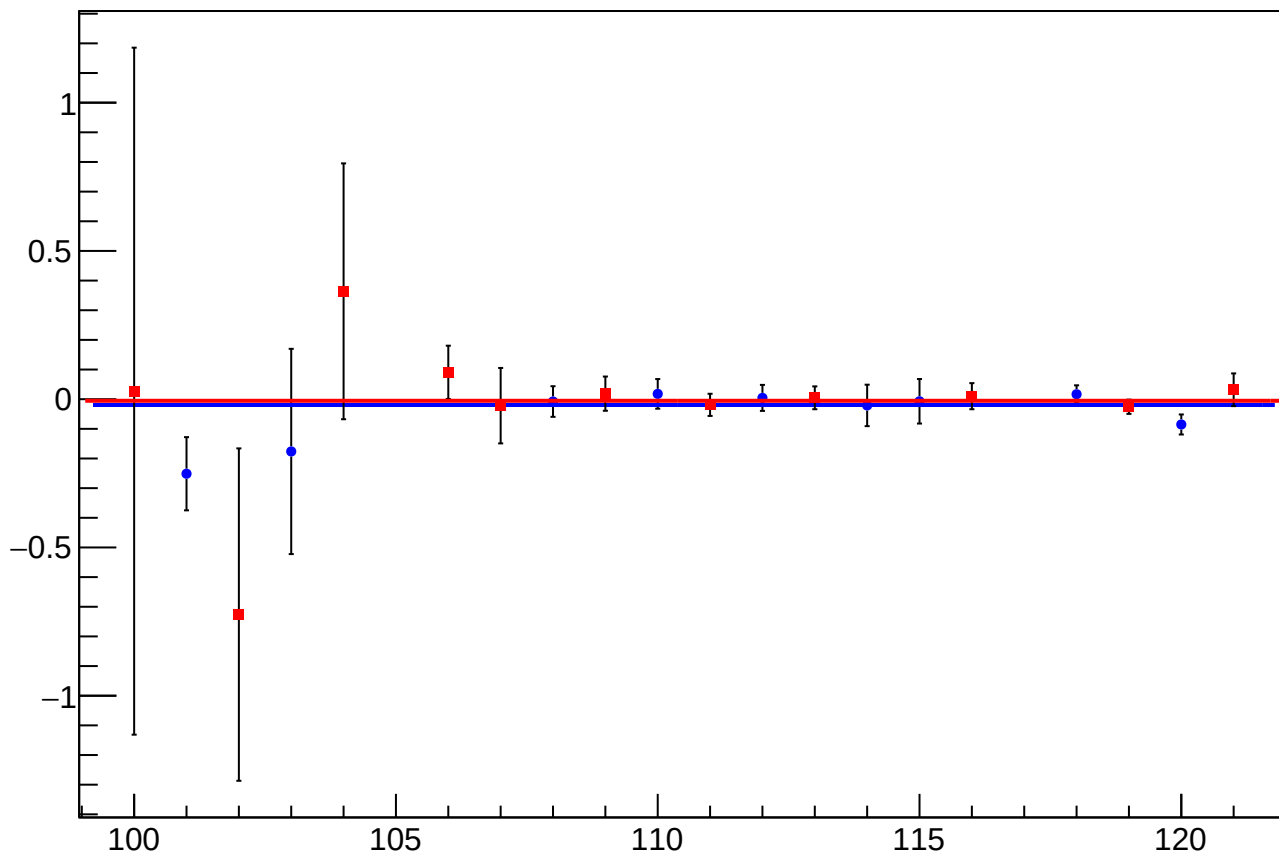
Right: 0.005+/-0.000 χ^2/NDF : 1283843.9/19

In: 0.005+/-0.000 χ^2/NDF : 638866.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1283843.9/19

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.016 χ^2/NDF : 9.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 ± 0.015 χ^2/NDF : 5.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

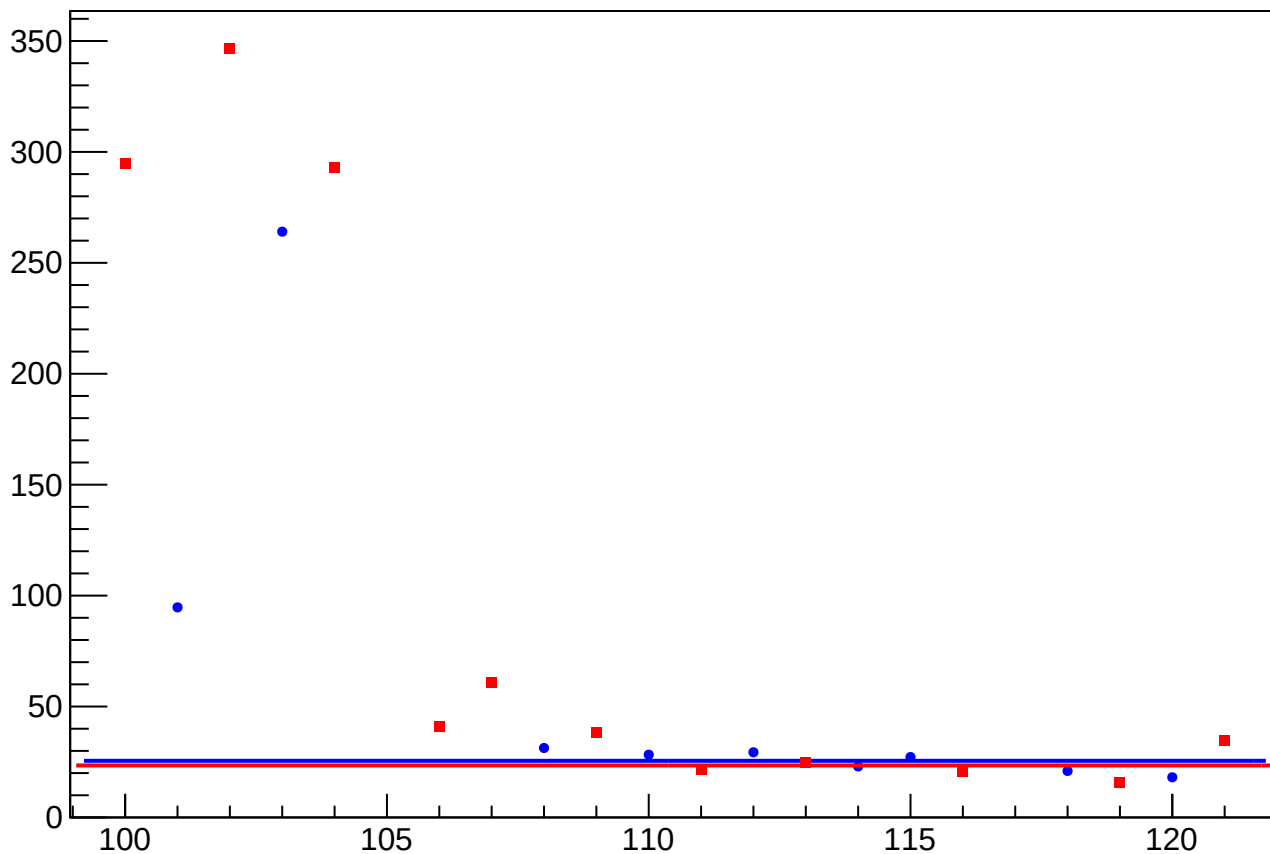
Right: -0.012 ± 0.011 χ^2/NDF : 15.5/19

In: -0.020 ± 0.016 χ^2/NDF : 9.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.011 χ^2/NDF : 15.5/19

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.449+/-0.011 χ^2/NDF : 2256499.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

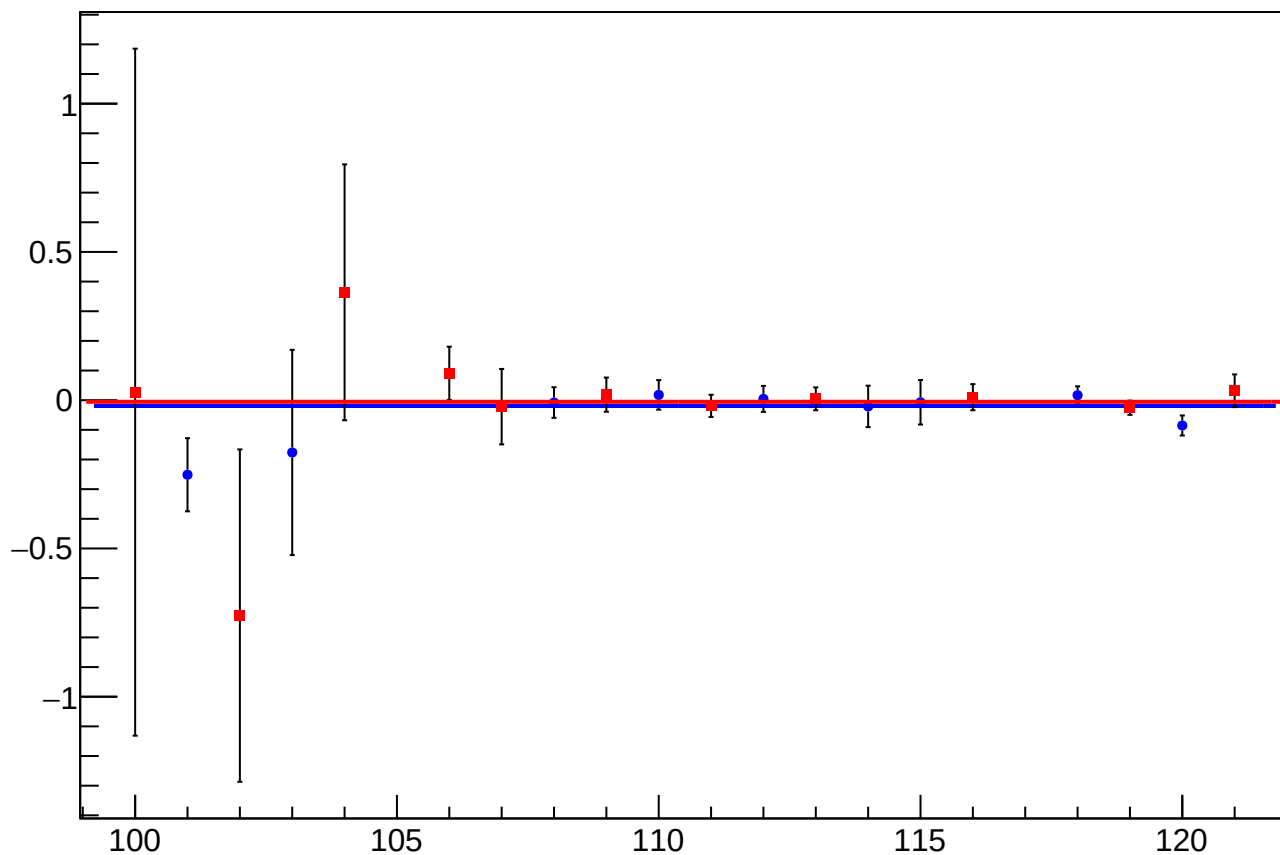
Right: 24.400+/-0.008 χ^2/NDF : 4045287.6/19

In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.400+/-0.008 χ^2/NDF : 4045287.6/19

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.016 χ^2/NDF : 9.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 ± 0.015 χ^2/NDF : 5.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

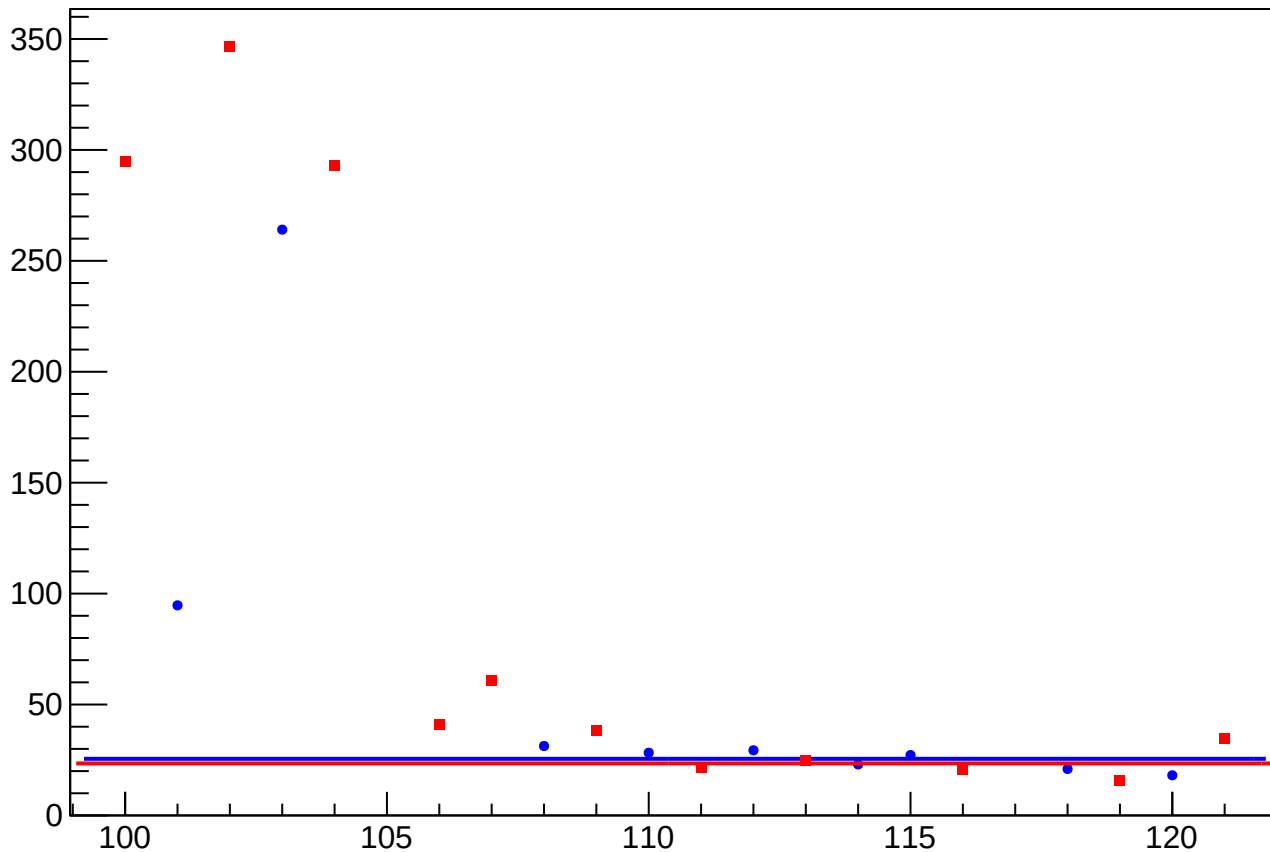
Right: -0.012 ± 0.011 χ^2/NDF : 15.5/19

In: -0.020 ± 0.016 χ^2/NDF : 9.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.011 χ^2/NDF : 15.5/19

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.449+/-0.011 χ^2/NDF : 2256499.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

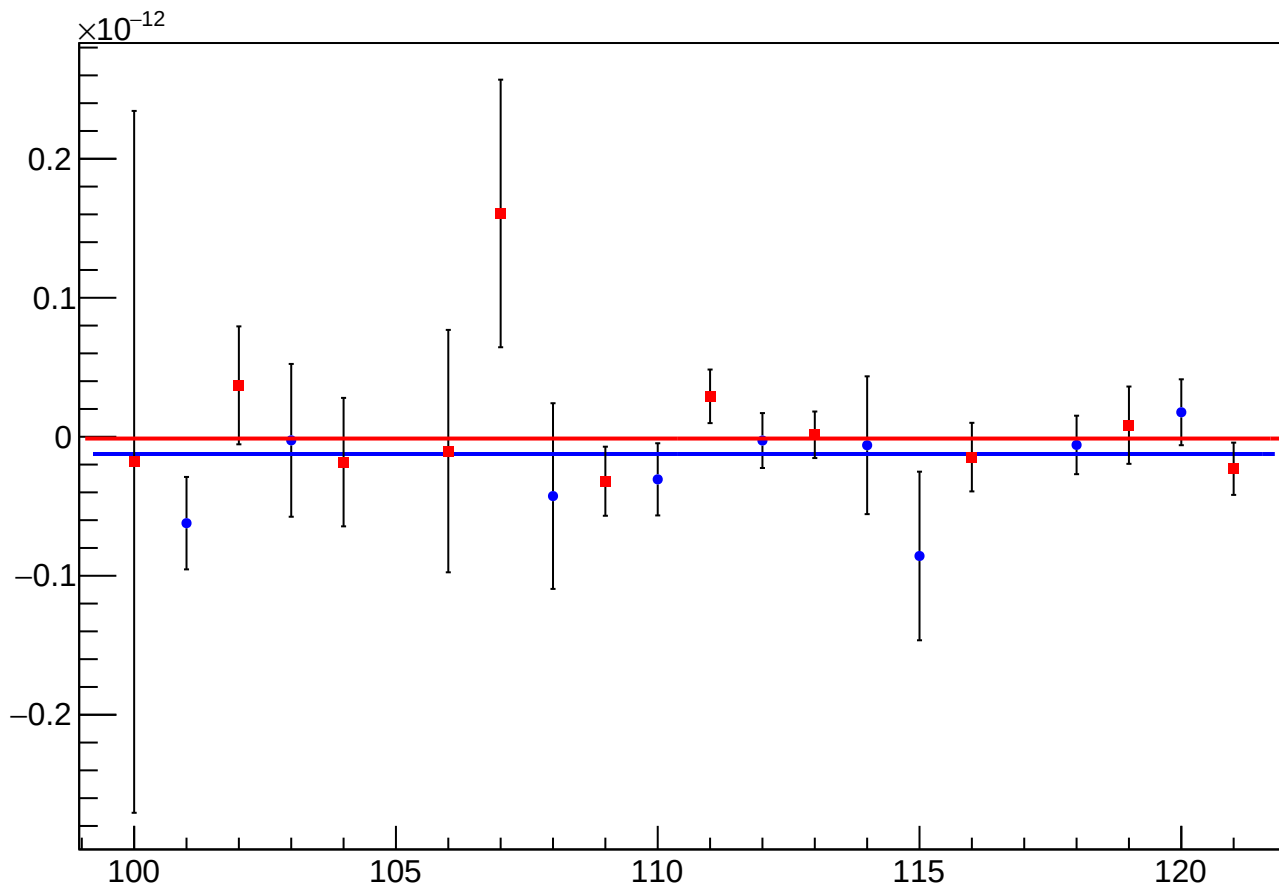
Right: 24.400+/-0.008 χ^2/NDF : 4045287.6/19

In: 25.536+/-0.012 χ^2/NDF :1771059.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.400+/-0.008 χ^2/NDF : 4045287.6/19

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 : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

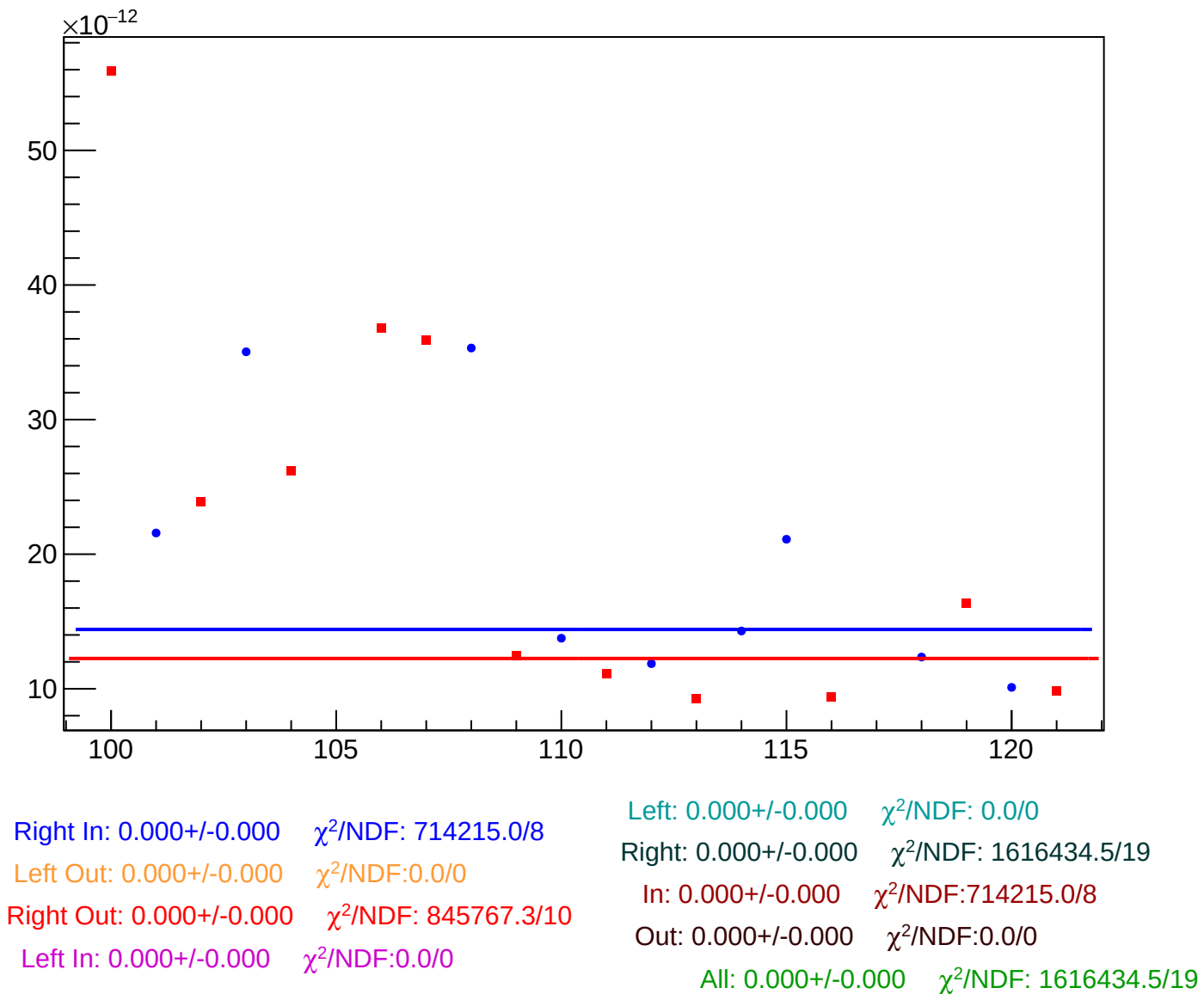
Right: -0.000+/-0.000 χ^2/NDF : 16.7/19

In: -0.000+/-0.000 χ^2/NDF : 6.4/8

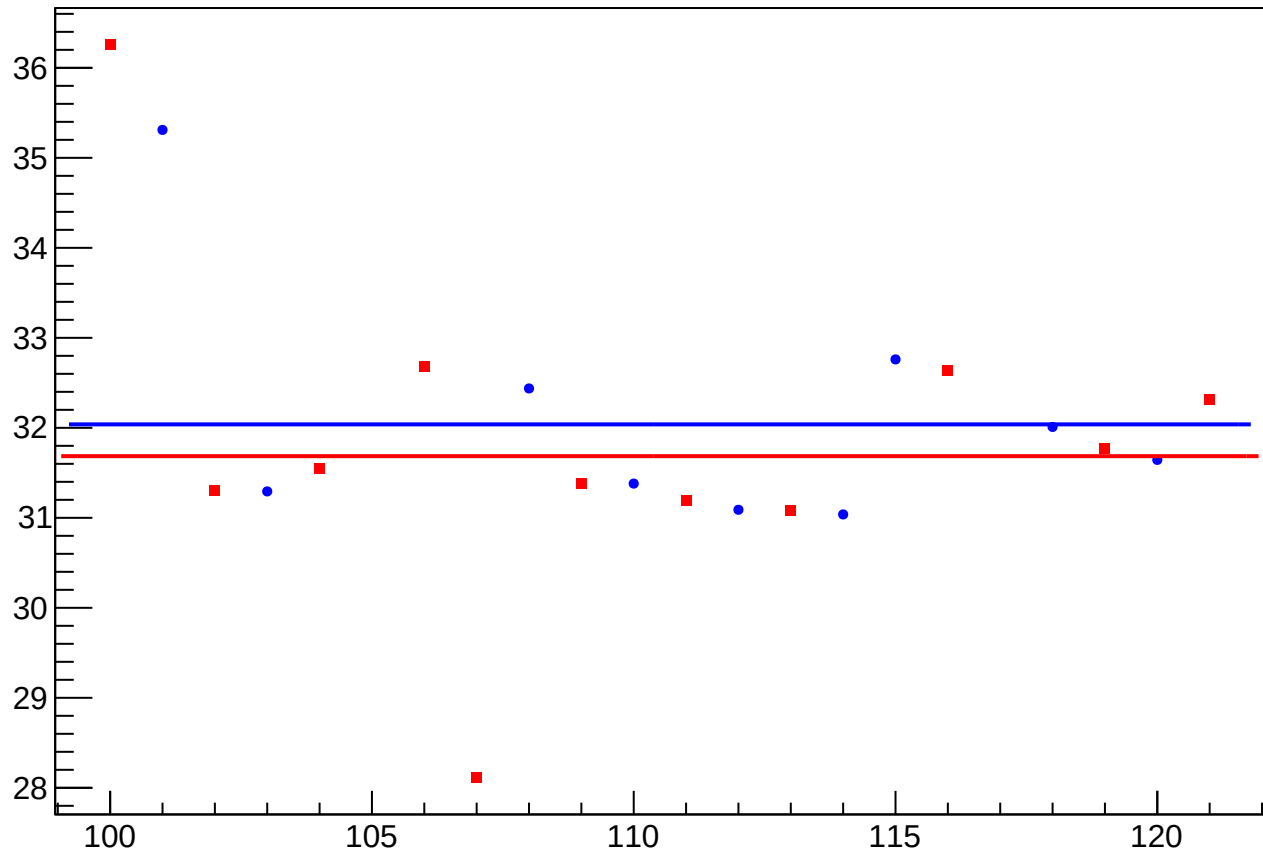
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/19

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: 32.038+/-0.000 χ^2/NDF : 822774910.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.685+/-0.000 χ^2/NDF : 376623966.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

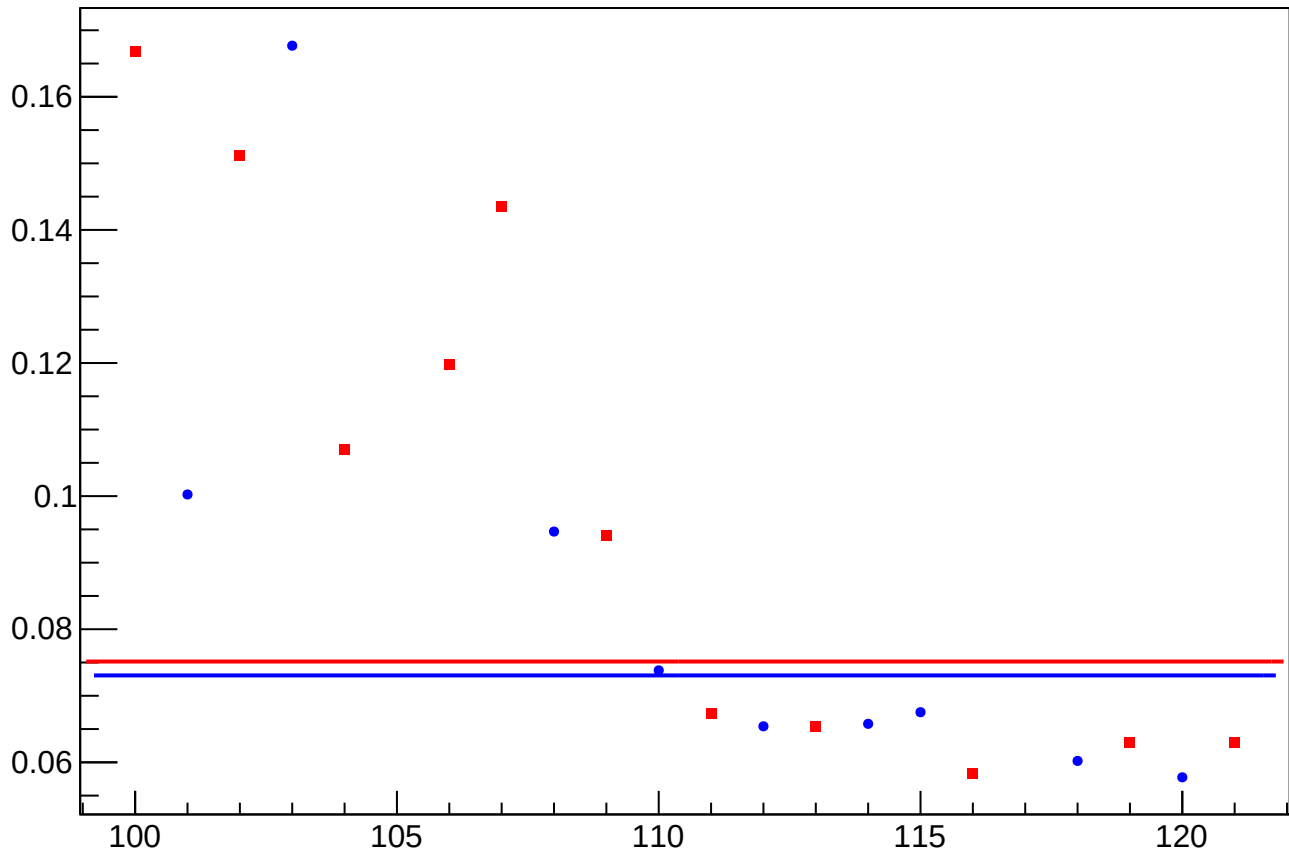
Right: 31.849+/-0.000 χ^2/NDF : 1237837565.4/19

In: 32.038+/-0.000 χ^2/NDF : 822774910.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.849+/-0.000 χ^2/NDF : 1237837565.4/19

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 603758.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.075+/-0.000 χ^2/NDF : 764762.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

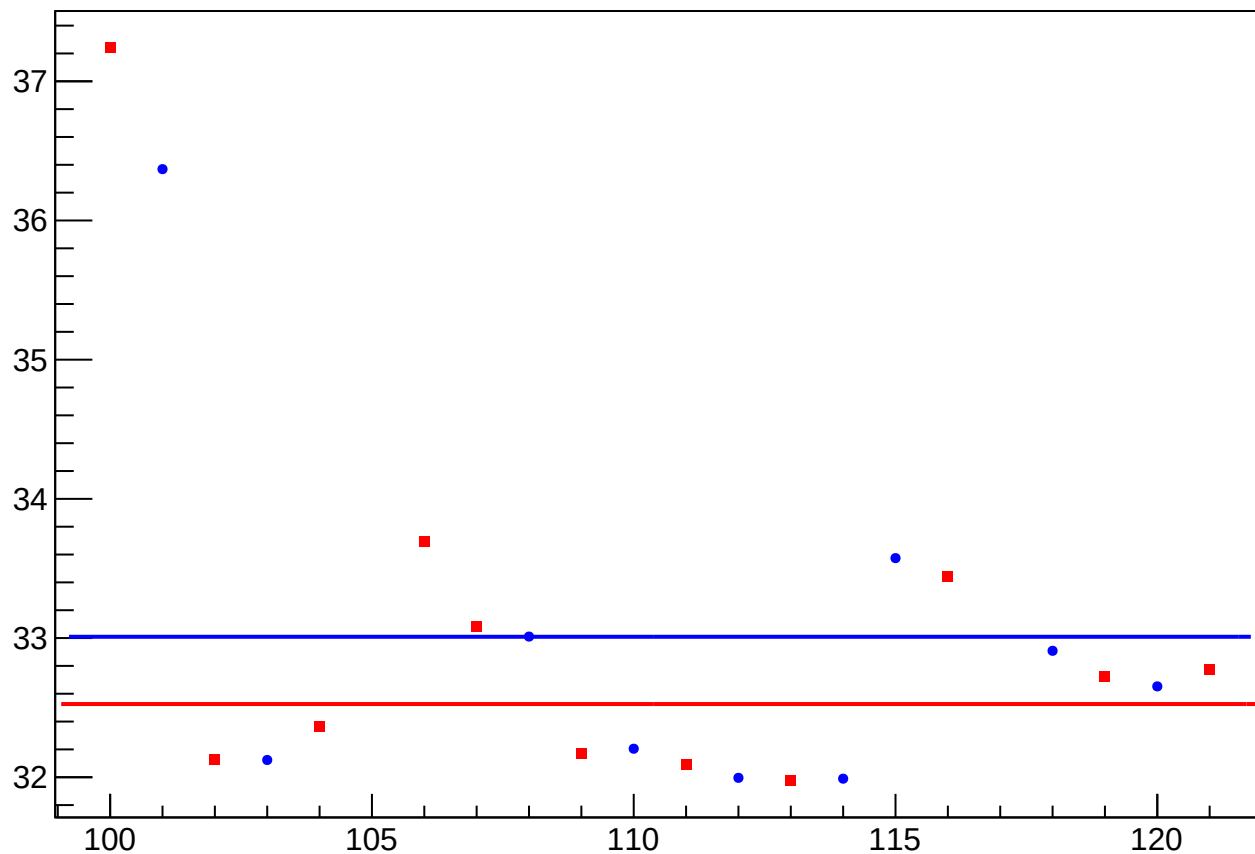
Right: 0.074+/-0.000 χ^2/NDF : 1371210.7/19

In: 0.073+/-0.000 χ^2/NDF :603758.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.074+/-0.000 χ^2/NDF : 1371210.7/19

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.009+/-0.000 χ^2/NDF : 627742821.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.526+/-0.000 χ^2/NDF : 138611733.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

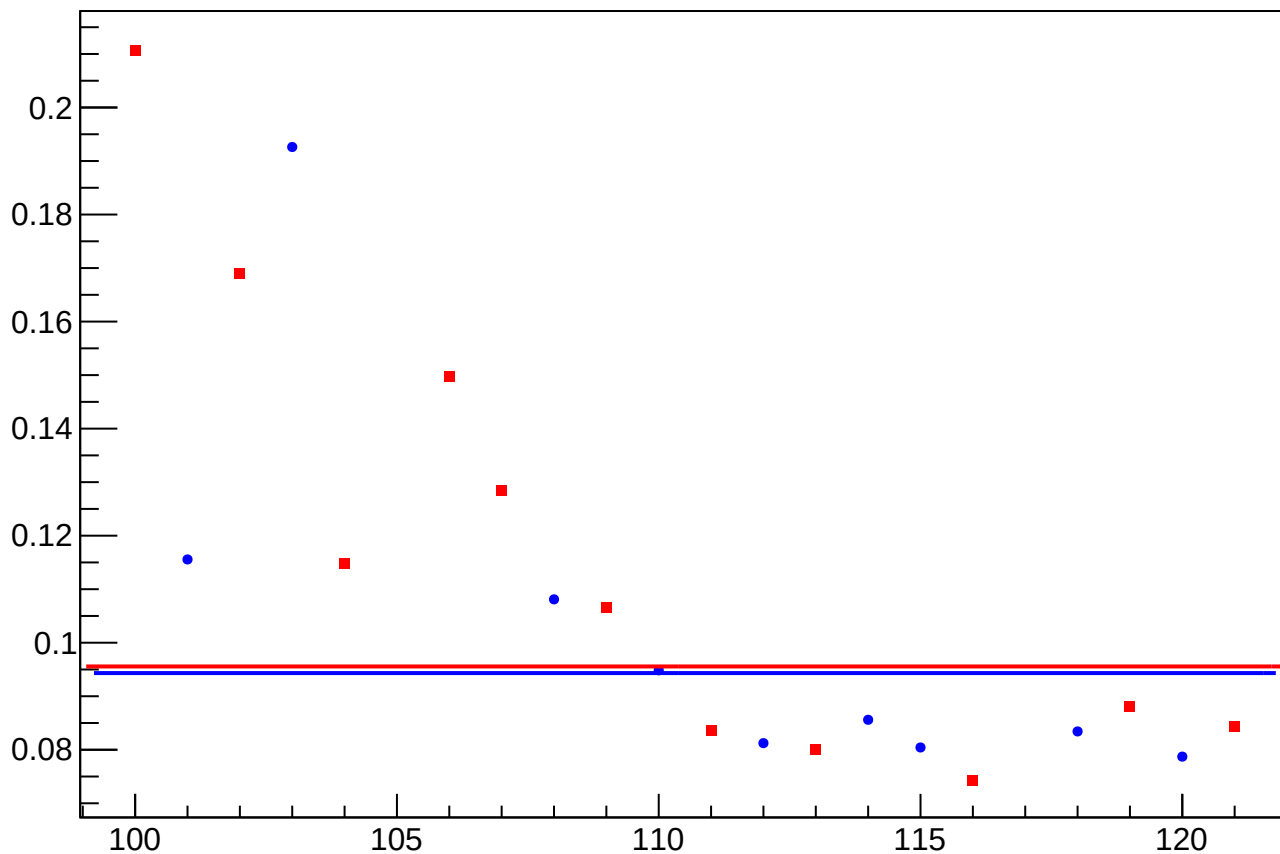
Right: 32.747+/-0.000 χ^2/NDF : 810886608.2/19

In: 33.009+/-0.000 χ^2/NDF : 627742821.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.747+/-0.000 χ^2/NDF : 810886608.2/19

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 430919.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.000 χ^2/NDF : 502604.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

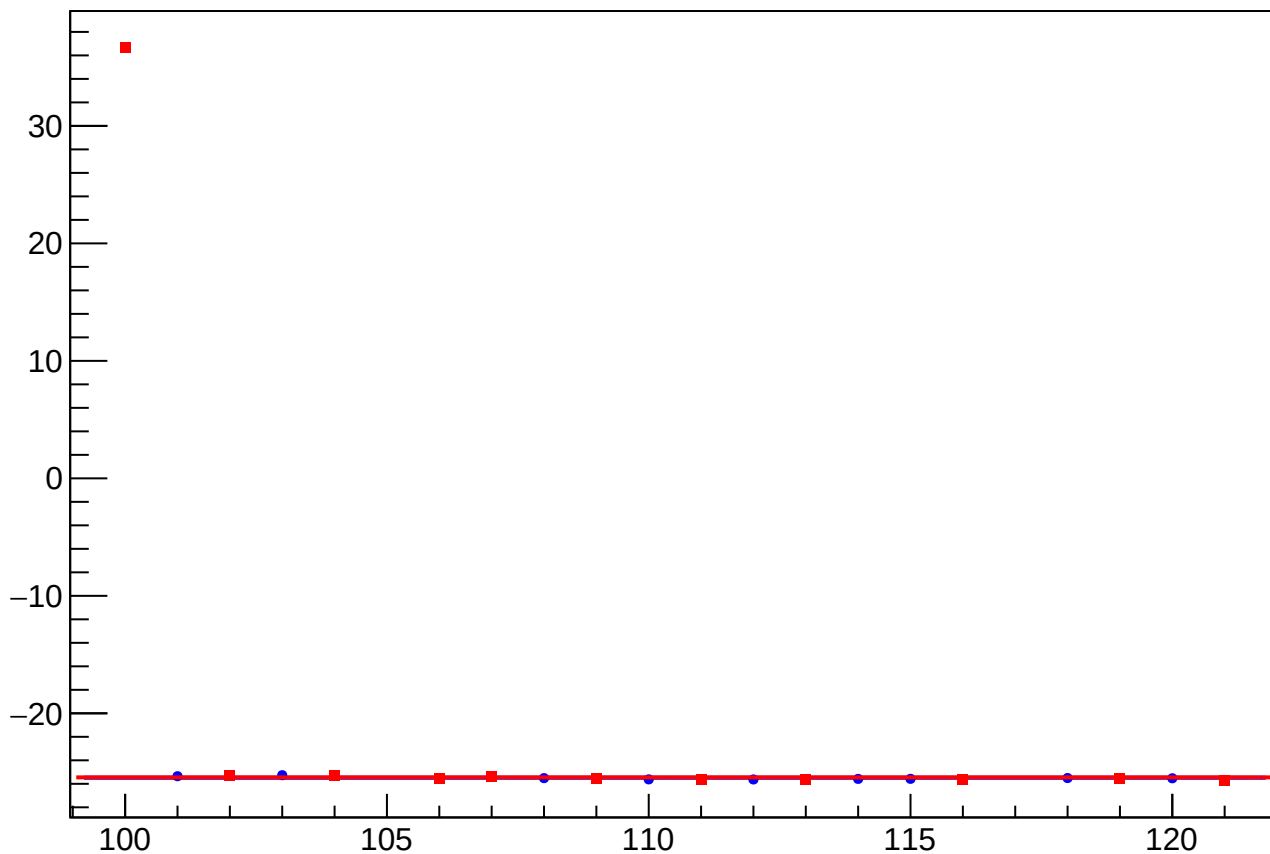
Right: 0.095+/-0.000 χ^2/NDF : 934108.5/19

In: 0.094+/-0.000 χ^2/NDF : 430919.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.095+/-0.000 χ^2/NDF : 934108.5/19

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.481+/-0.000 χ^2/NDF : 36335255.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.452+/-0.000 χ^2/NDF : 8836745494.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

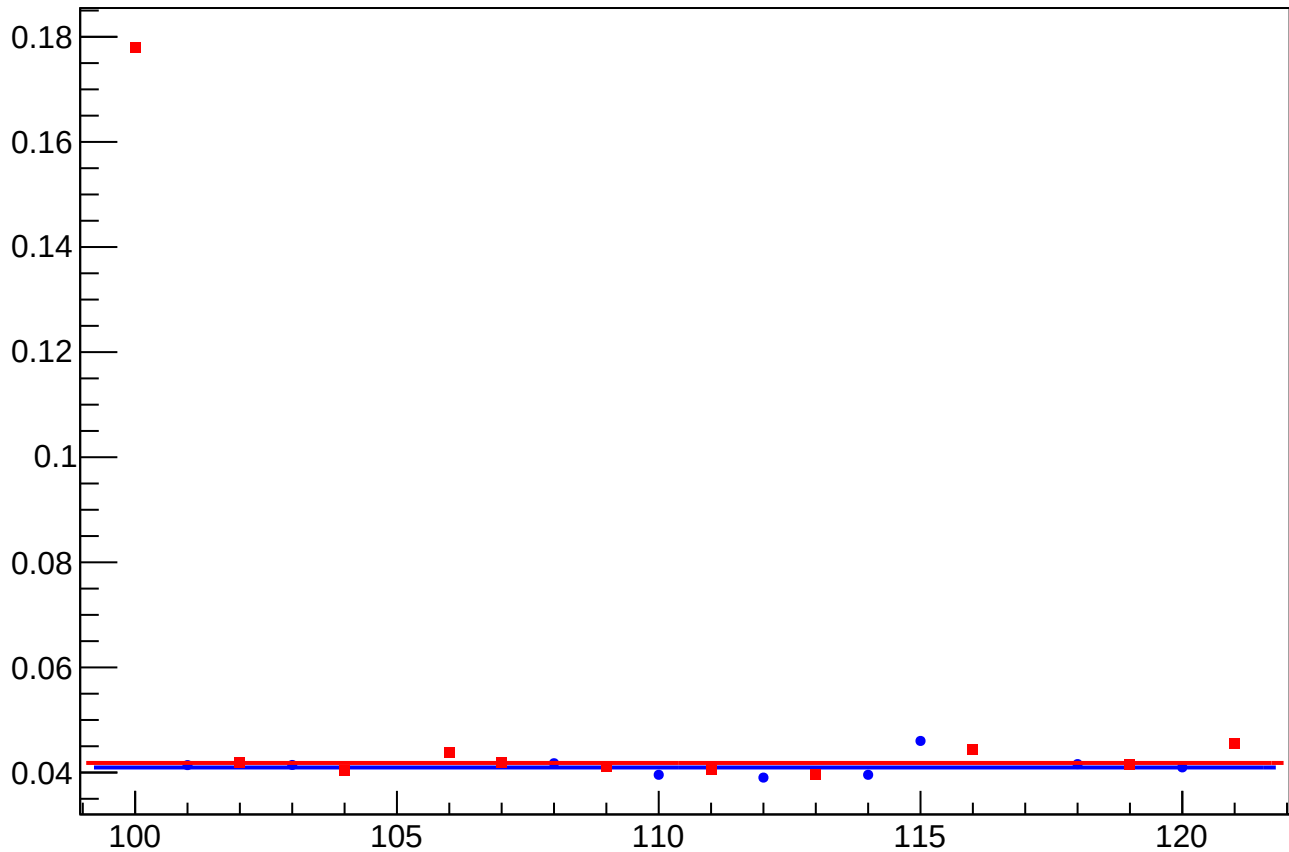
Right: -25.465+/-0.000 χ^2/NDF : 8874026335.4/19

In: -25.481+/-0.000 χ^2/NDF : 36335255.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.465+/-0.000 χ^2/NDF : 8874026335.4/19

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 7887.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 98046.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

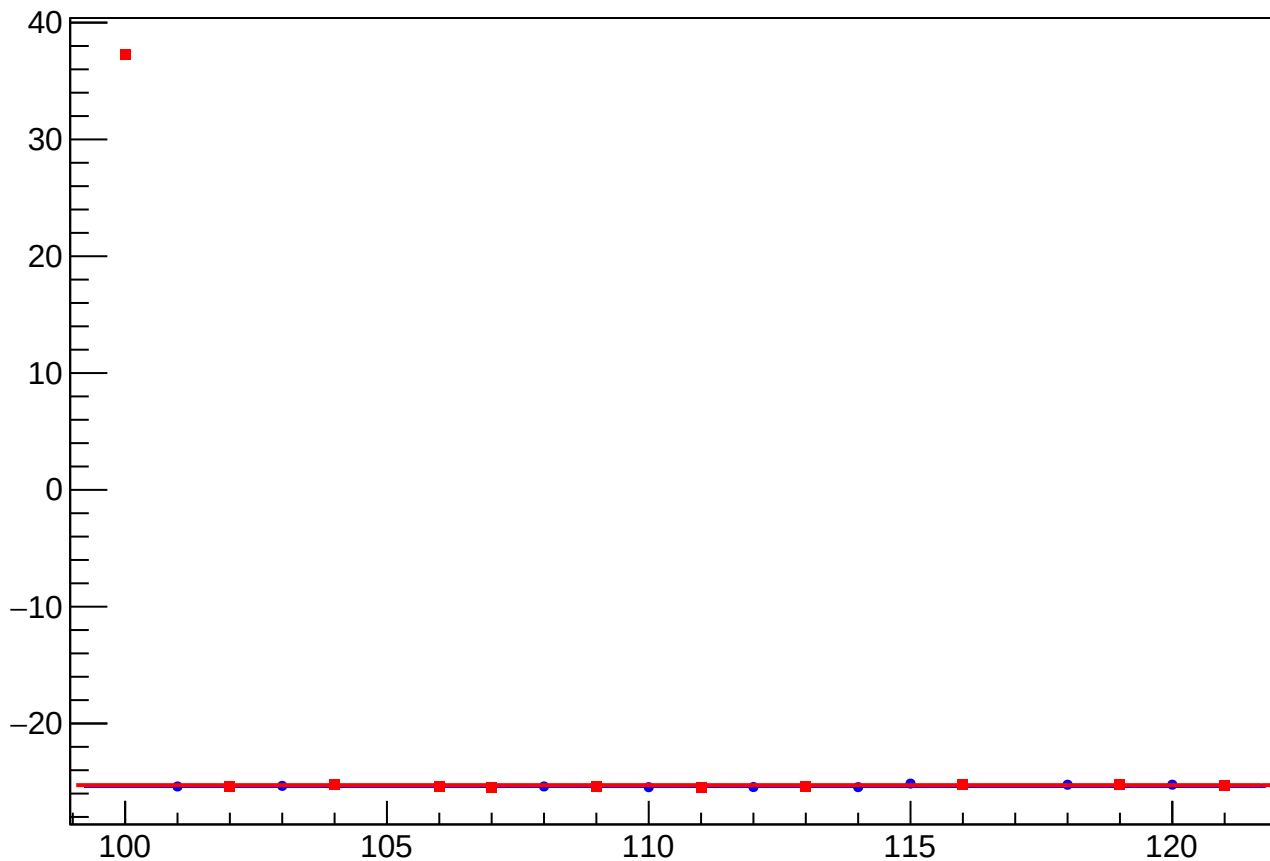
Right: 0.041+/-0.000 χ^2/NDF : 107683.8/19

In: 0.041+/-0.000 χ^2/NDF : 7887.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 107683.8/19

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.351+/-0.000 χ^2/NDF : 7659309.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.278+/-0.000 χ^2/NDF : 6303250213.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

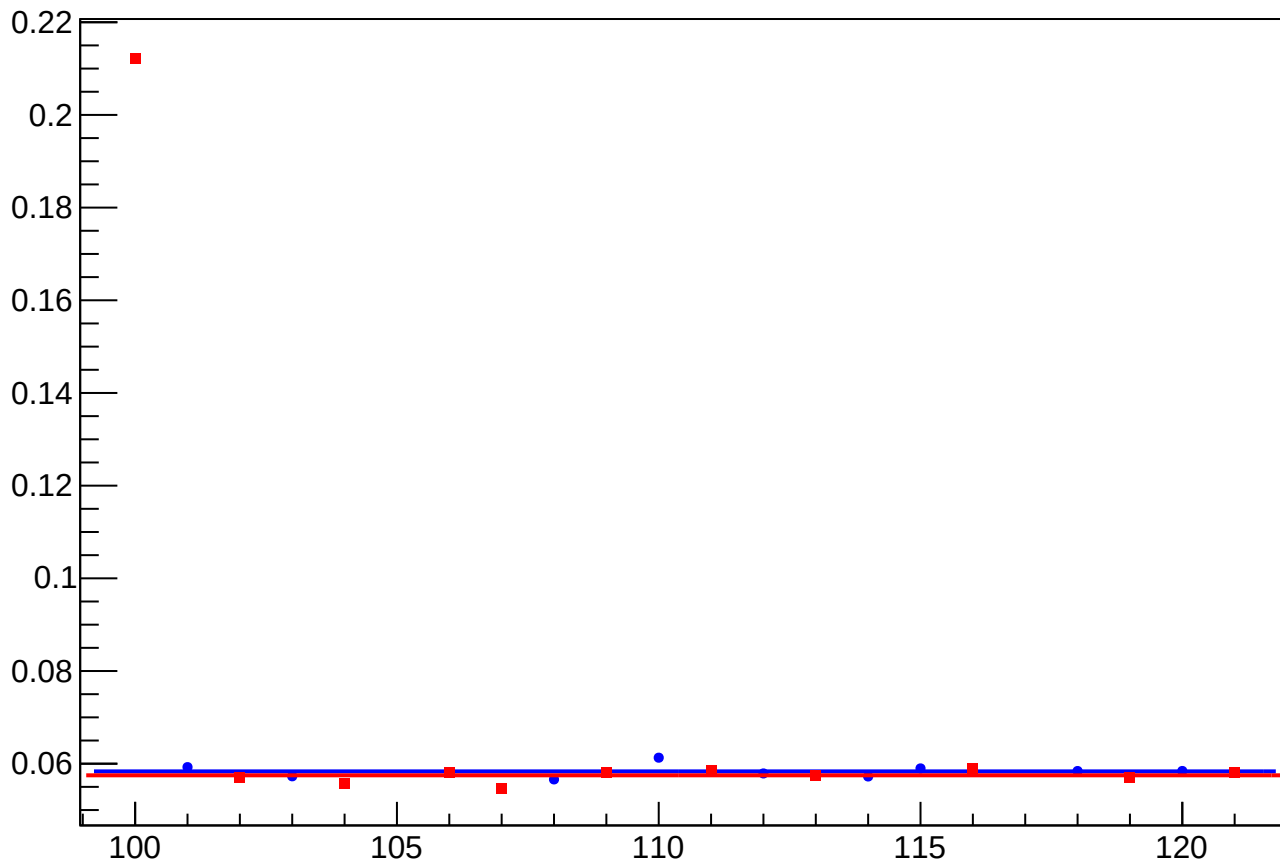
Right: -25.310+/-0.000 χ^2/NDF : 6314029300.7/19

In: -25.351+/-0.000 χ^2/NDF : 7659309.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.310+/-0.000 χ^2/NDF : 6314029300.7/19

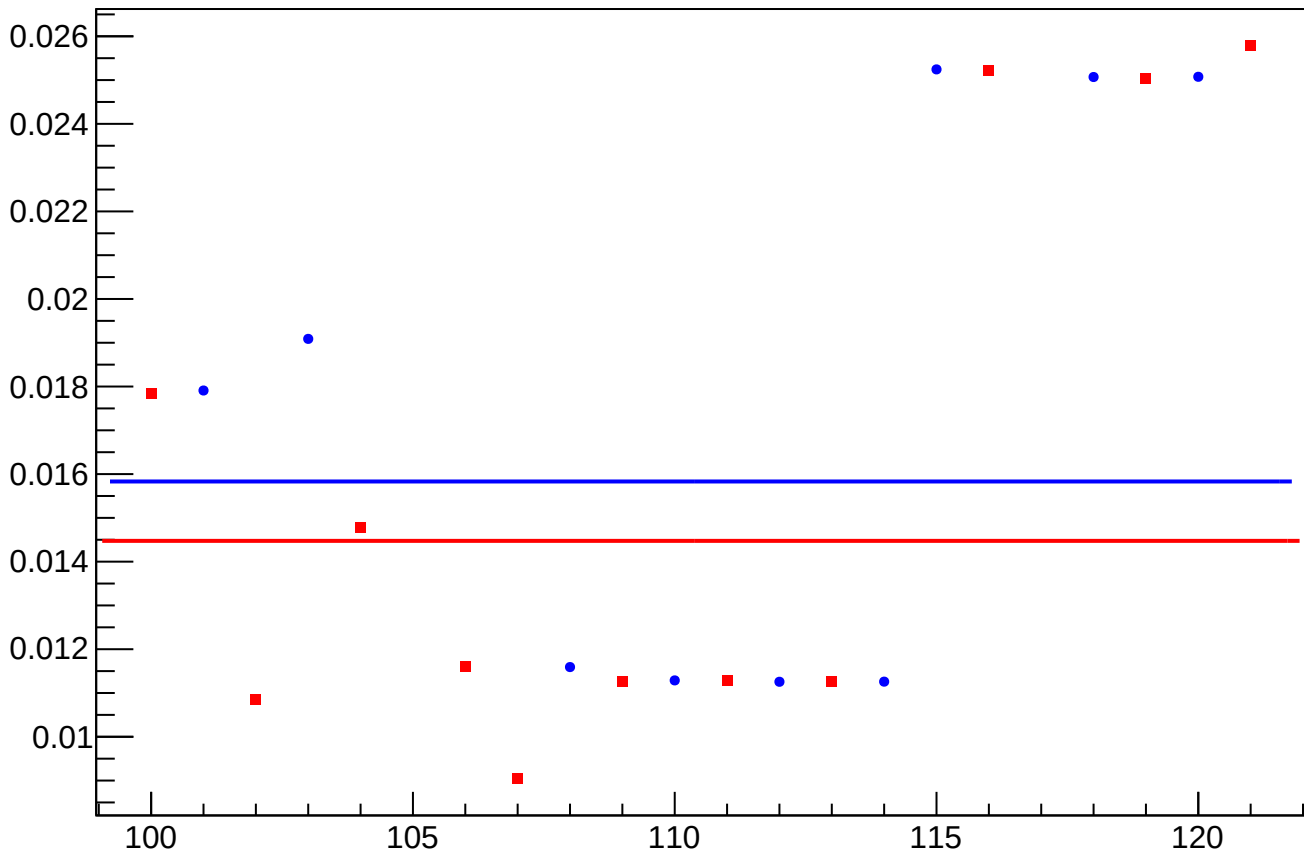
yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 3270.2/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.057+/-0.000 χ^2/NDF : 80168.1/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.058+/-0.000 χ^2/NDF : 84280.6/19
In: 0.058+/-0.000 χ^2/NDF : 3270.2/8
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.058+/-0.000 χ^2/NDF : 84280.6/19

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 27119645771.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 35888201497.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

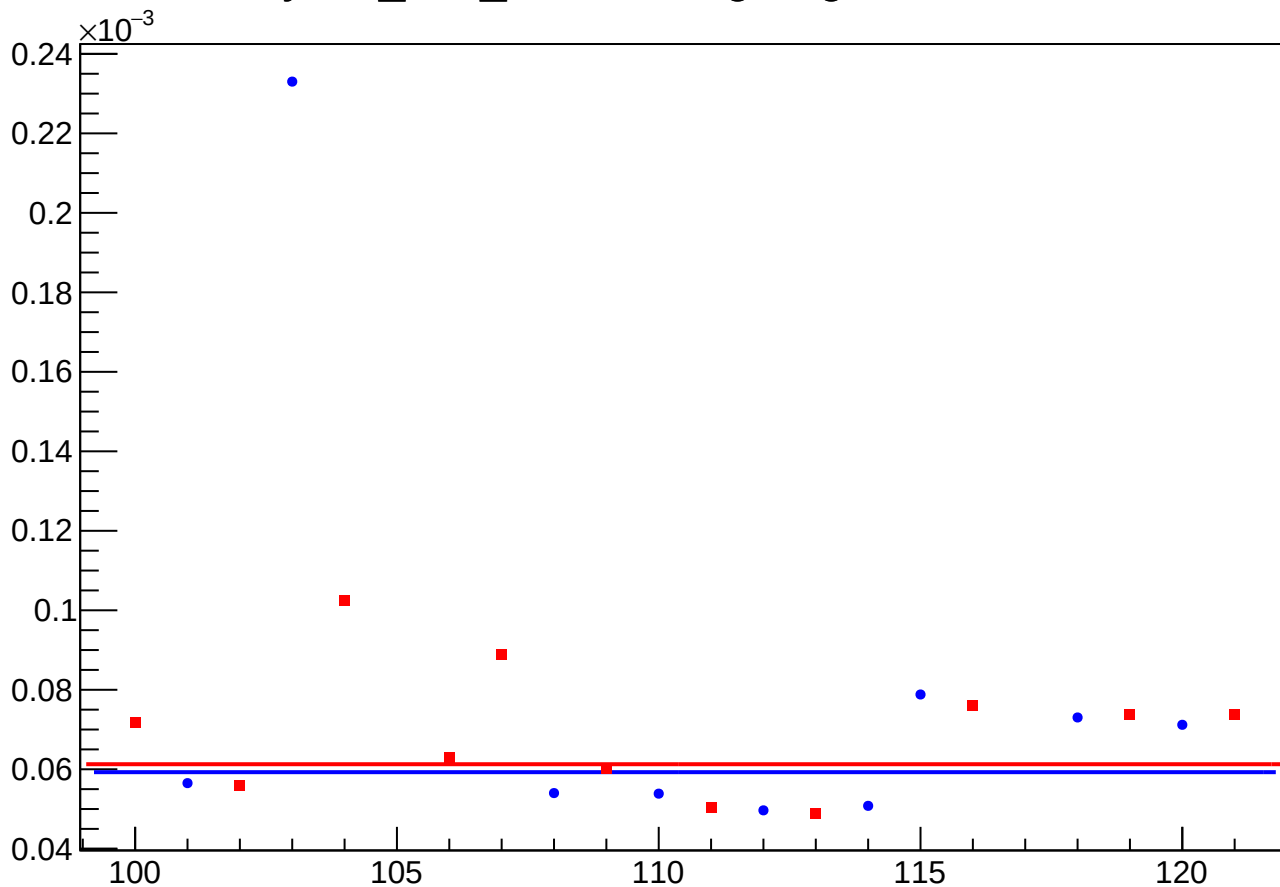
Right: 0.015+/-0.000 χ^2/NDF : 63892355525.5/19

In: 0.016+/-0.000 χ^2/NDF : 27119645771.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 63892355525.5/19

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 674000.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 338766.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

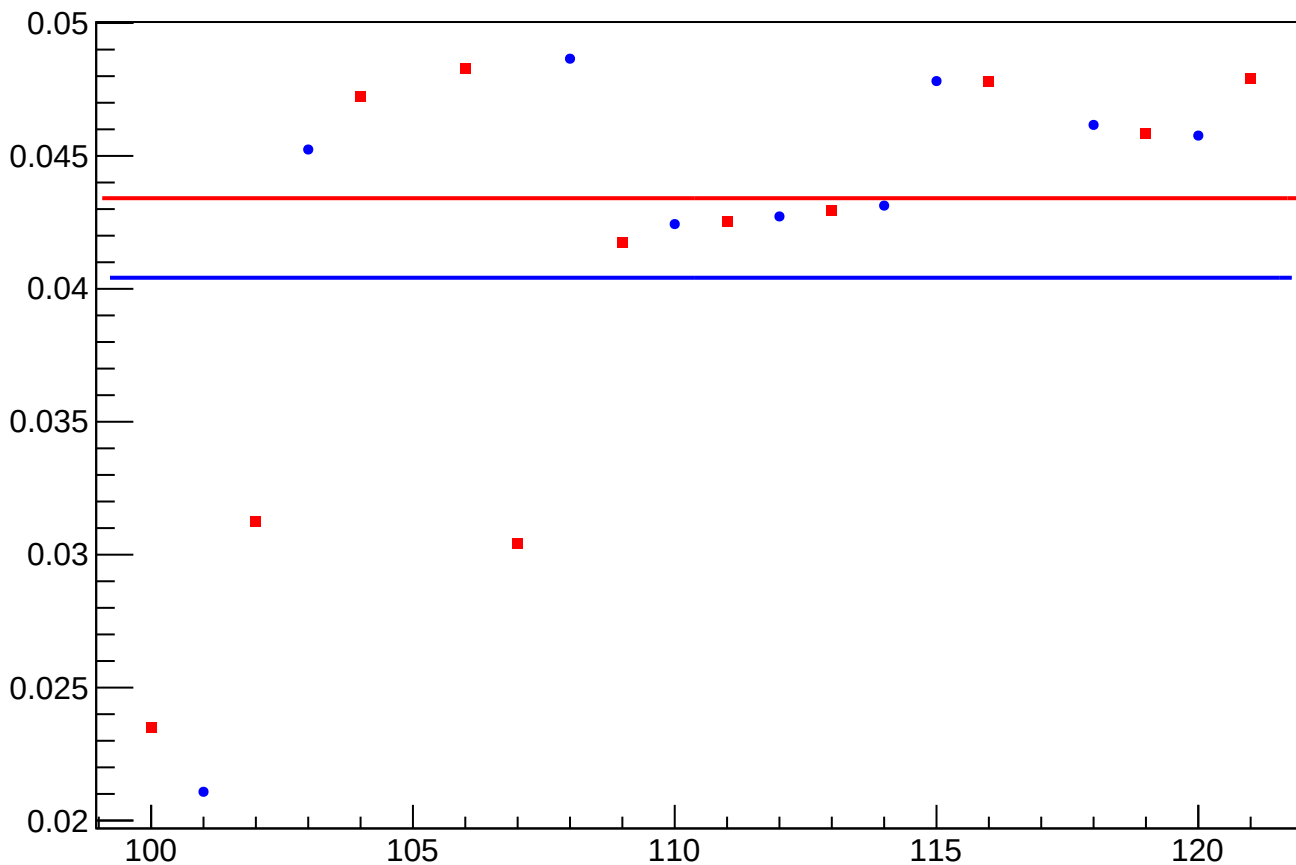
Right: 0.000+/-0.000 χ^2/NDF : 1016624.4/19

In: 0.000+/-0.000 χ^2/NDF :674000.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1016624.4/19

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.000

χ^2/NDF : 2417054432.4/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000

χ^2/NDF : 852389429.0/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.042+/-0.000

χ^2/NDF : 3385959862.7/19

In: 0.040+/-0.000

χ^2/NDF : 2417054432.4/8

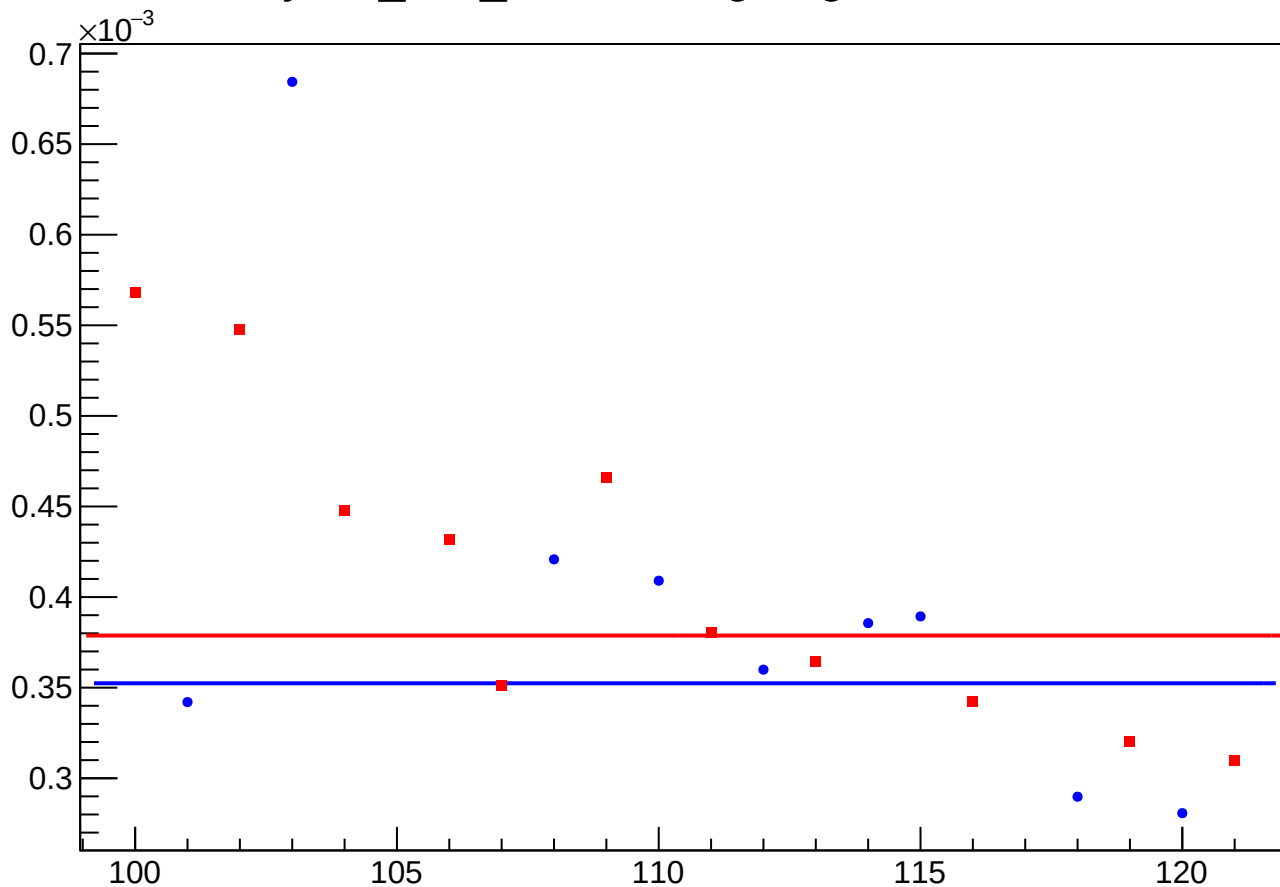
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.042+/-0.000

χ^2/NDF : 3385959862.7/19

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 386870.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 262454.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

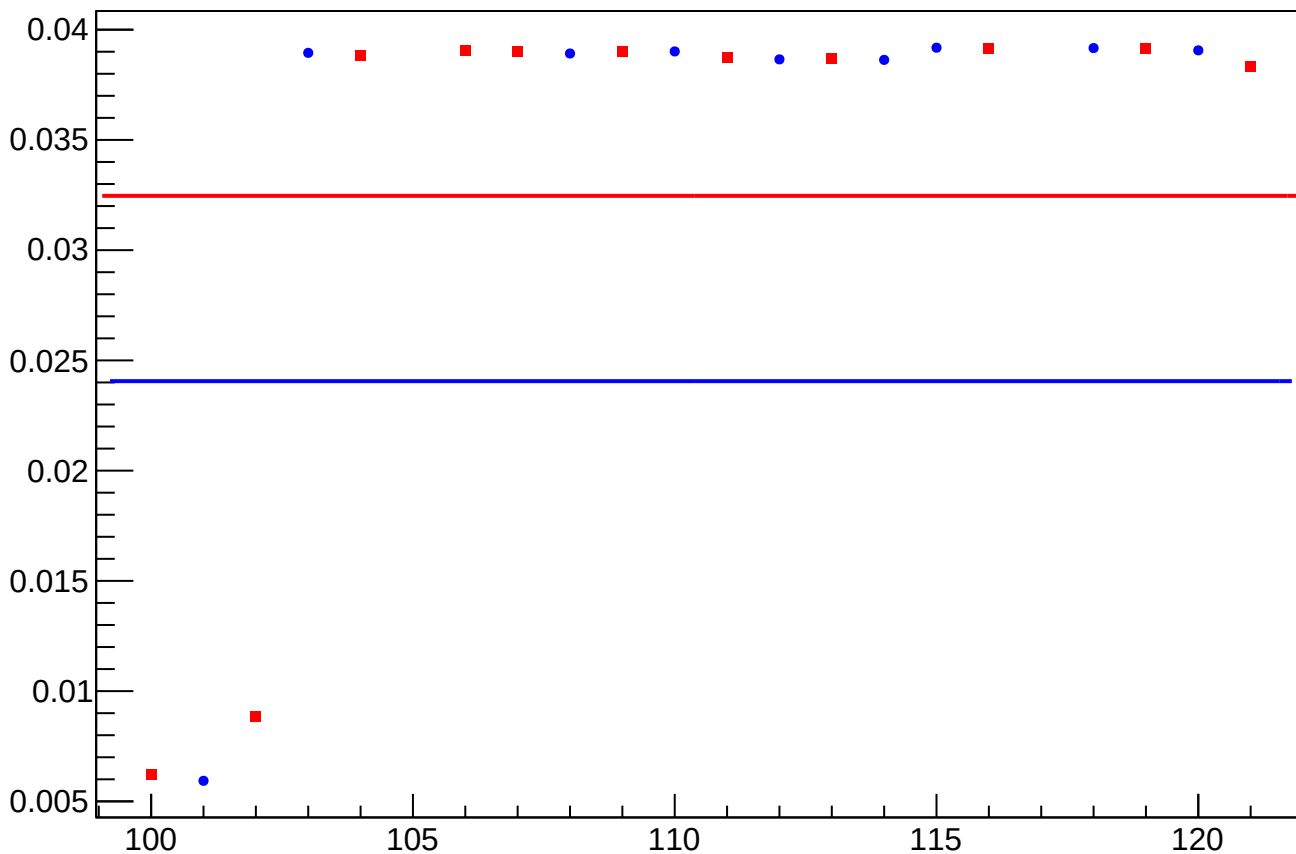
Right: 0.000+/-0.000 χ^2/NDF : 667381.1/19

In: 0.000+/-0.000 χ^2/NDF : 386870.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 667381.1/19

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.000

χ^2/NDF : 81847337208.9/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.028+/-0.000

χ^2/NDF : 135276352346.1/19

Right Out: 0.032+/-0.000

χ^2/NDF : 43125918325.4/10

In: 0.024+/-0.000

χ^2/NDF : 81847337208.9/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

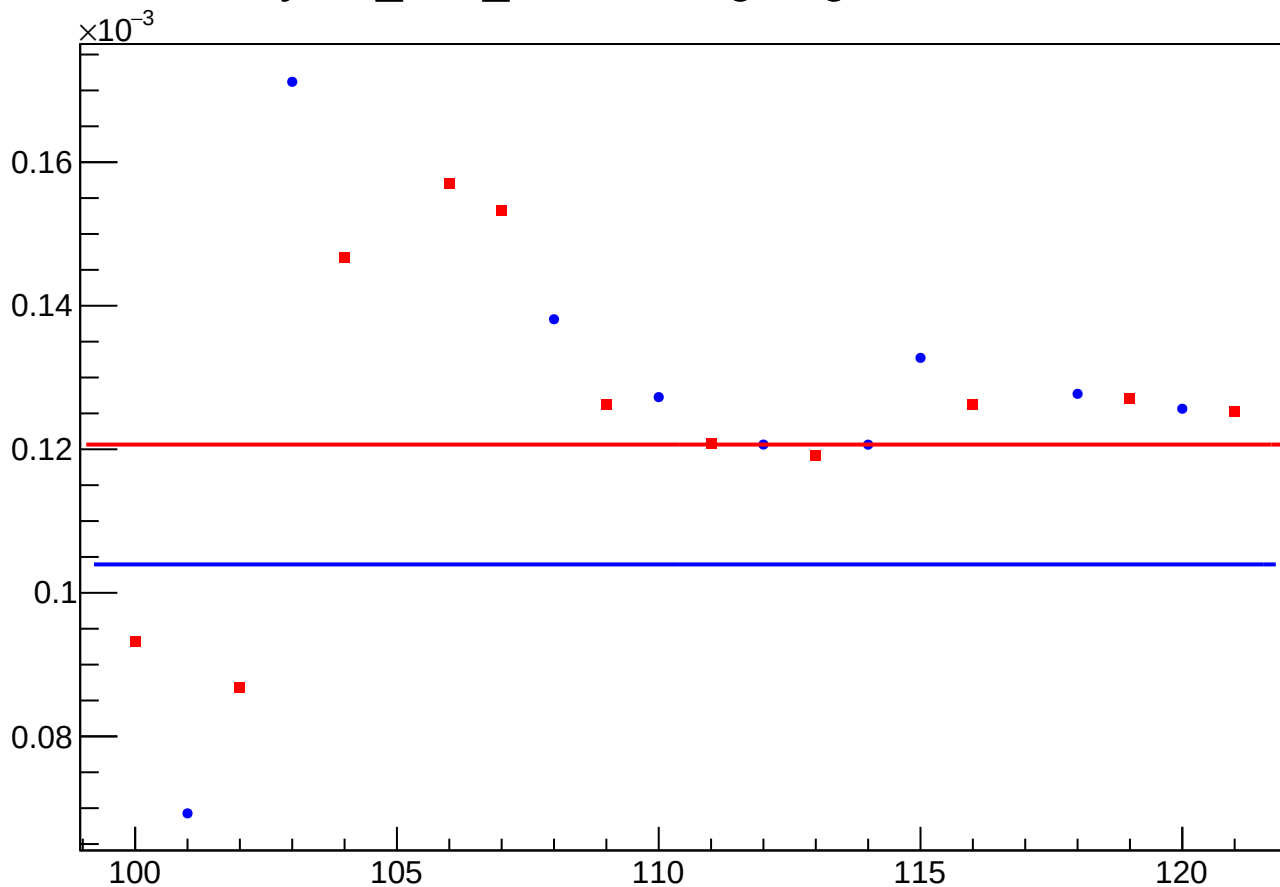
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.028+/-0.000

χ^2/NDF : 135276352346.1

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 678683.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 220310.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

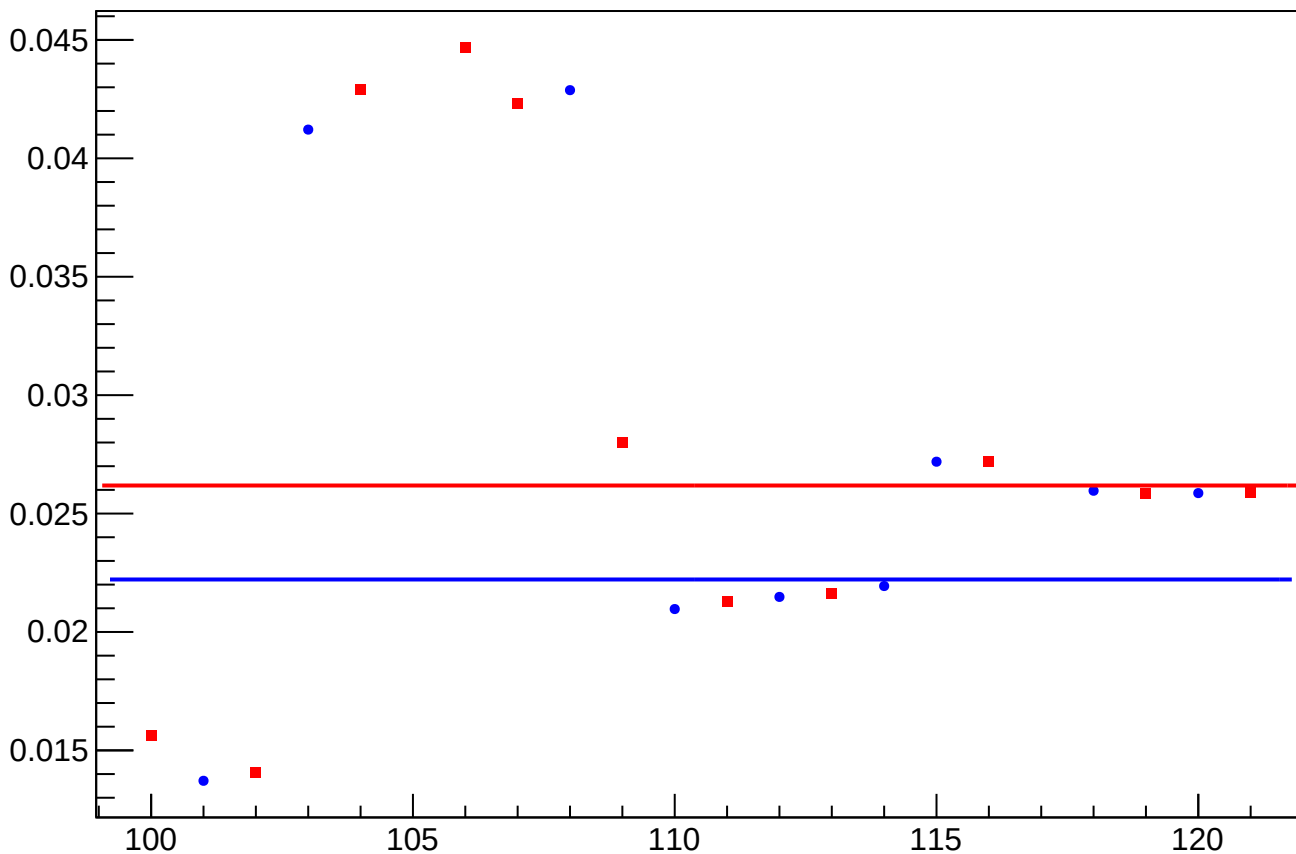
Right: 0.000+/-0.000 χ^2/NDF : 980341.4/19

In: 0.000+/-0.000 χ^2/NDF : 678683.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 980341.4/19

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000

χ^2/NDF : 3341048321.2/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.024+/-0.000

χ^2/NDF : 6929134356.6/19

Right Out: 0.026+/-0.000

χ^2/NDF : 3227749504.2/10

In: 0.022+/-0.000

χ^2/NDF : 3341048321.2/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

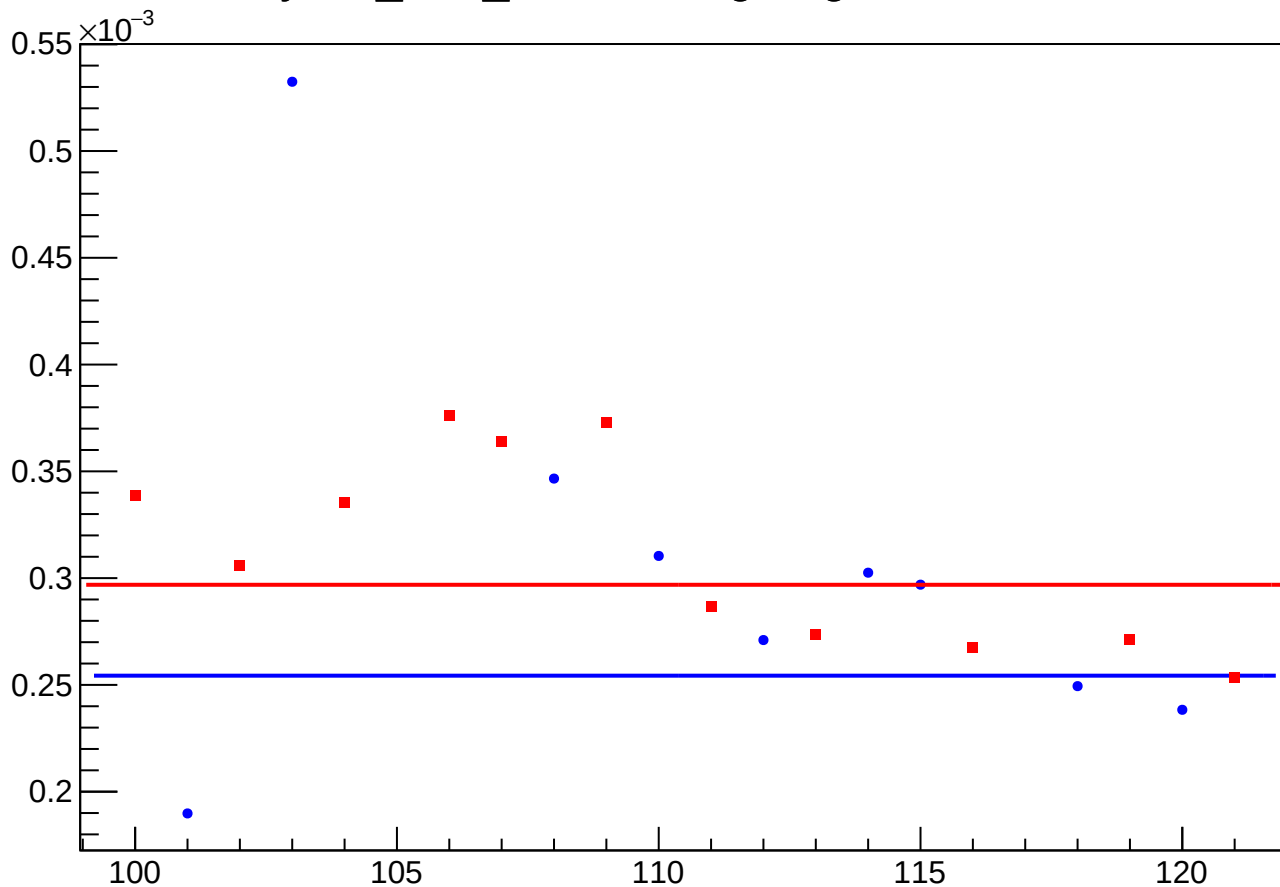
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6929134356.6/19

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 528436.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134910.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

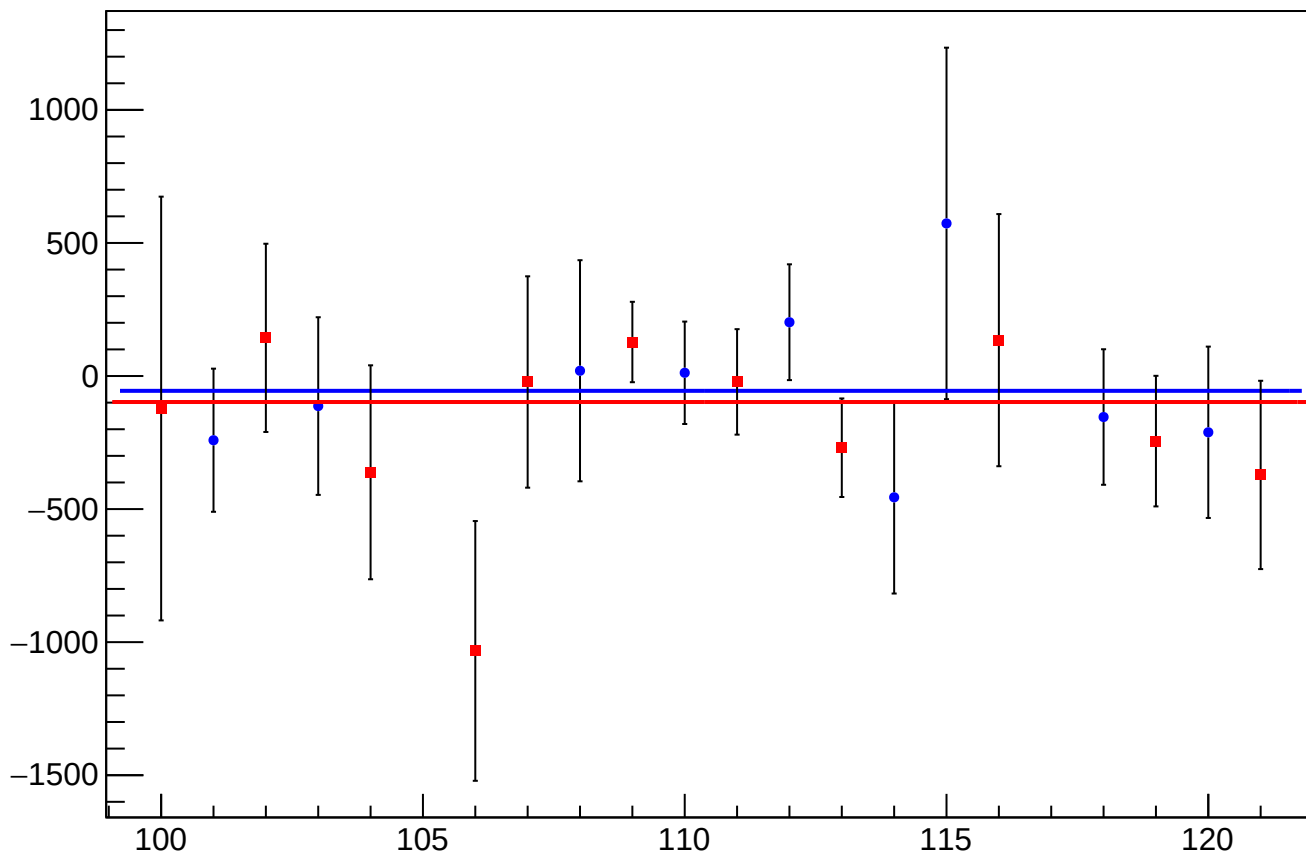
Right: 0.000+/-0.000 χ^2/NDF : 746232.9/19

In: 0.000+/-0.000 χ^2/NDF : 528436.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 746232.9/19

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -55.685+/-94.600 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -97.660+/-80.632 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

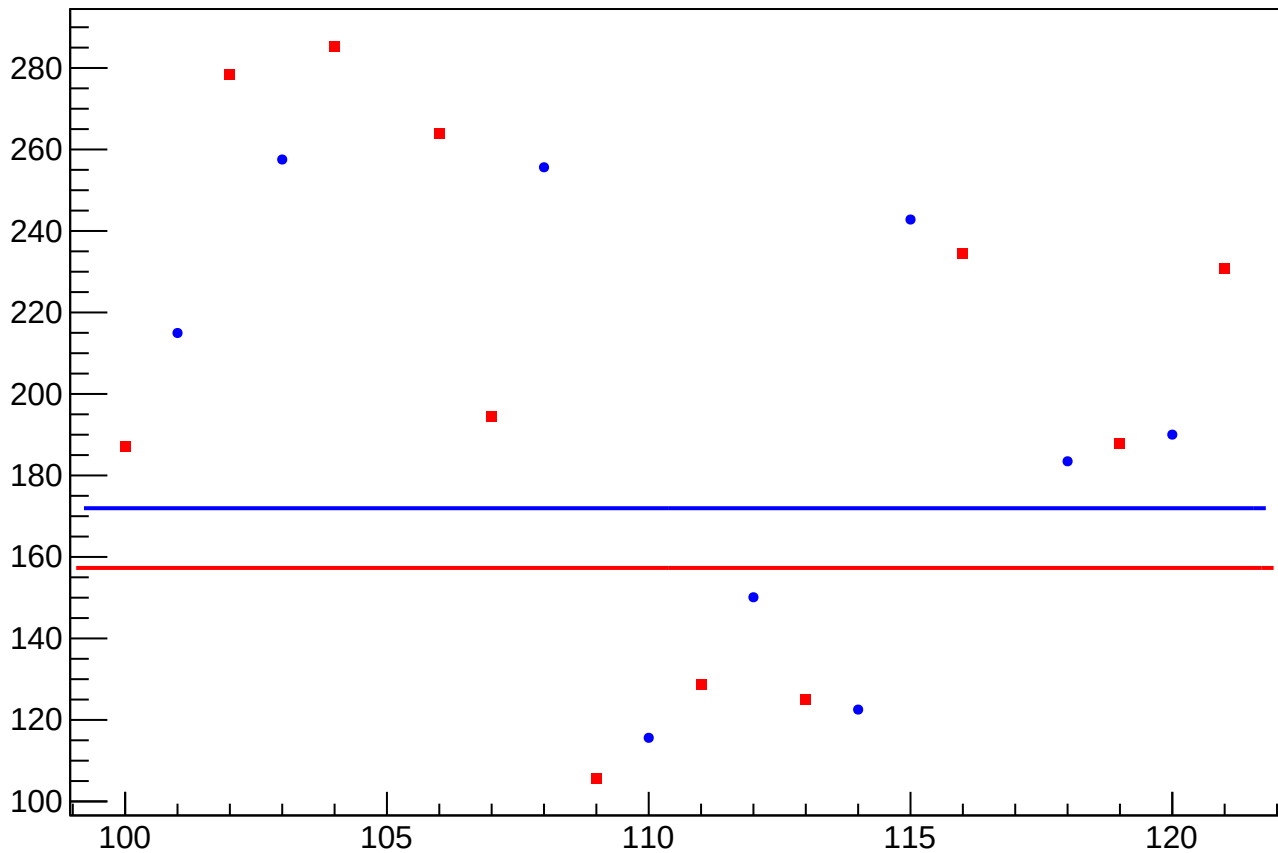
Right: -79.997+/-61.365 χ^2/NDF : 13.7/19

In: -55.685+/-94.600 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -79.997+/-61.365 χ^2/NDF : 13.7/19

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.961+/-0.067 χ^2/NDF : 526222.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.303+/-0.057 χ^2/NDF : 1059694.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

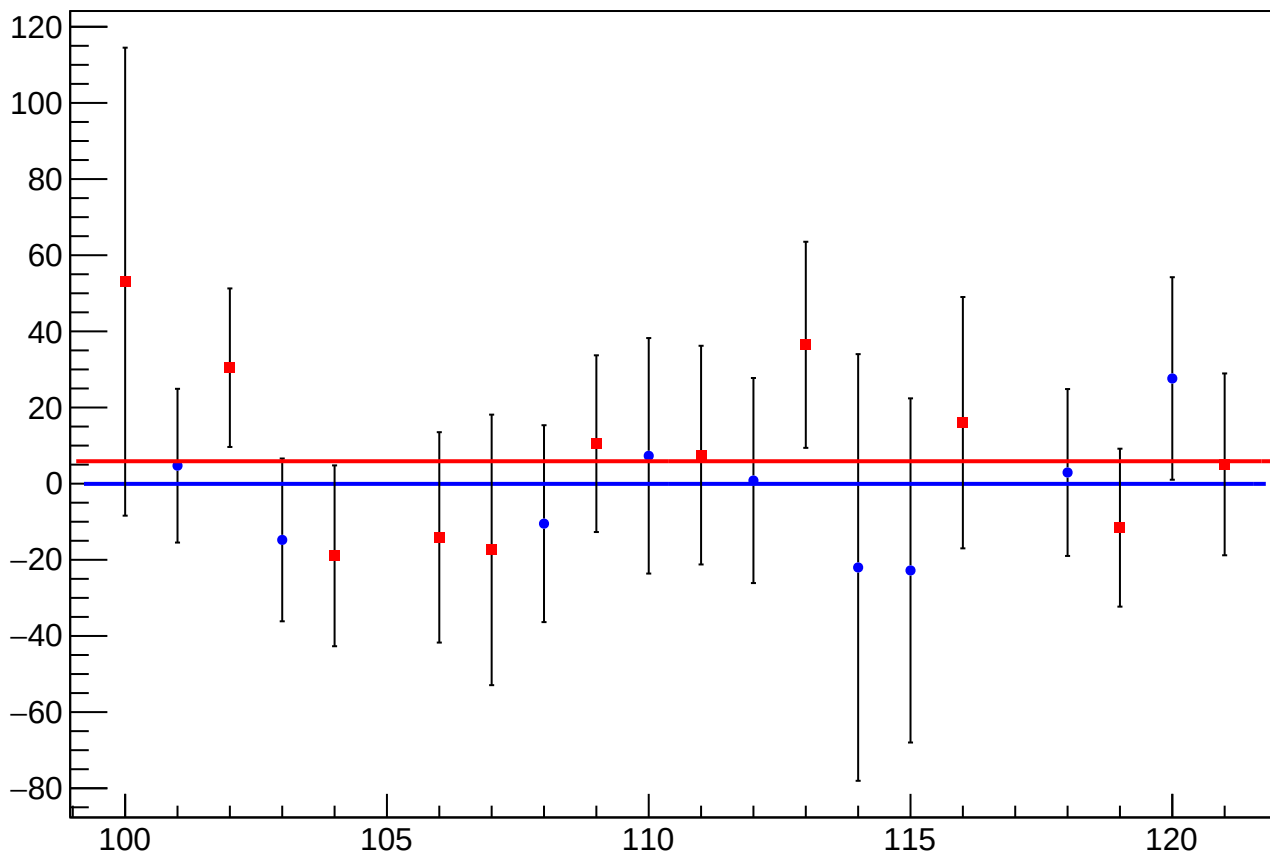
Right: 163.471+/-0.043 χ^2/NDF : 1613728.6/19

In: 171.961+/-0.067 χ^2/NDF : 526222.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.471+/-0.043 χ^2/NDF : 1613728.6/19

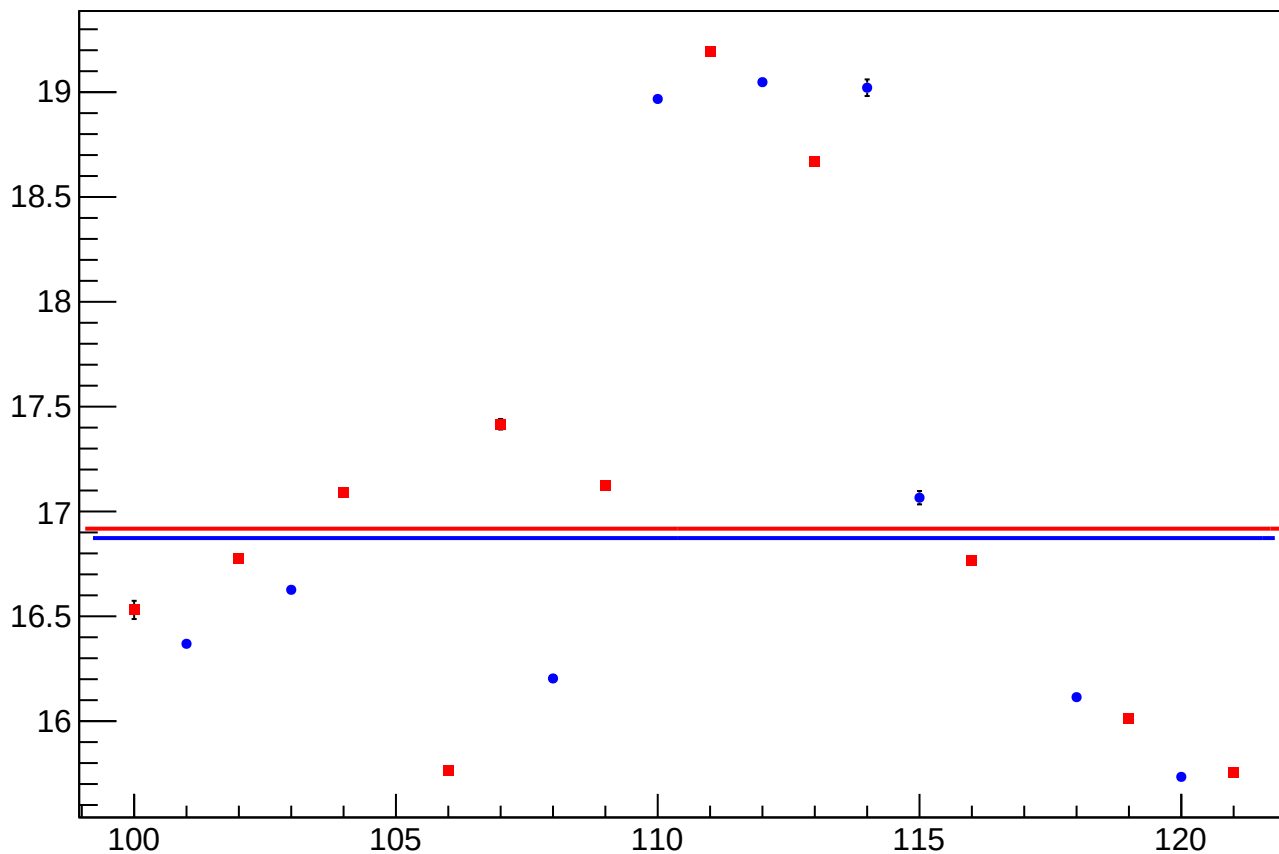
asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.053+/-8.817 χ^2/NDF : 2.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 5.891+/-7.936 χ^2/NDF : 6.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.231+/-5.899 χ^2/NDF : 8.7/19
 In: -0.053+/-8.817 χ^2/NDF : 2.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.231+/-5.899 χ^2/NDF : 8.7/19

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.873+/-0.006 χ^2/NDF : 34106.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.918+/-0.006 χ^2/NDF : 33825.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

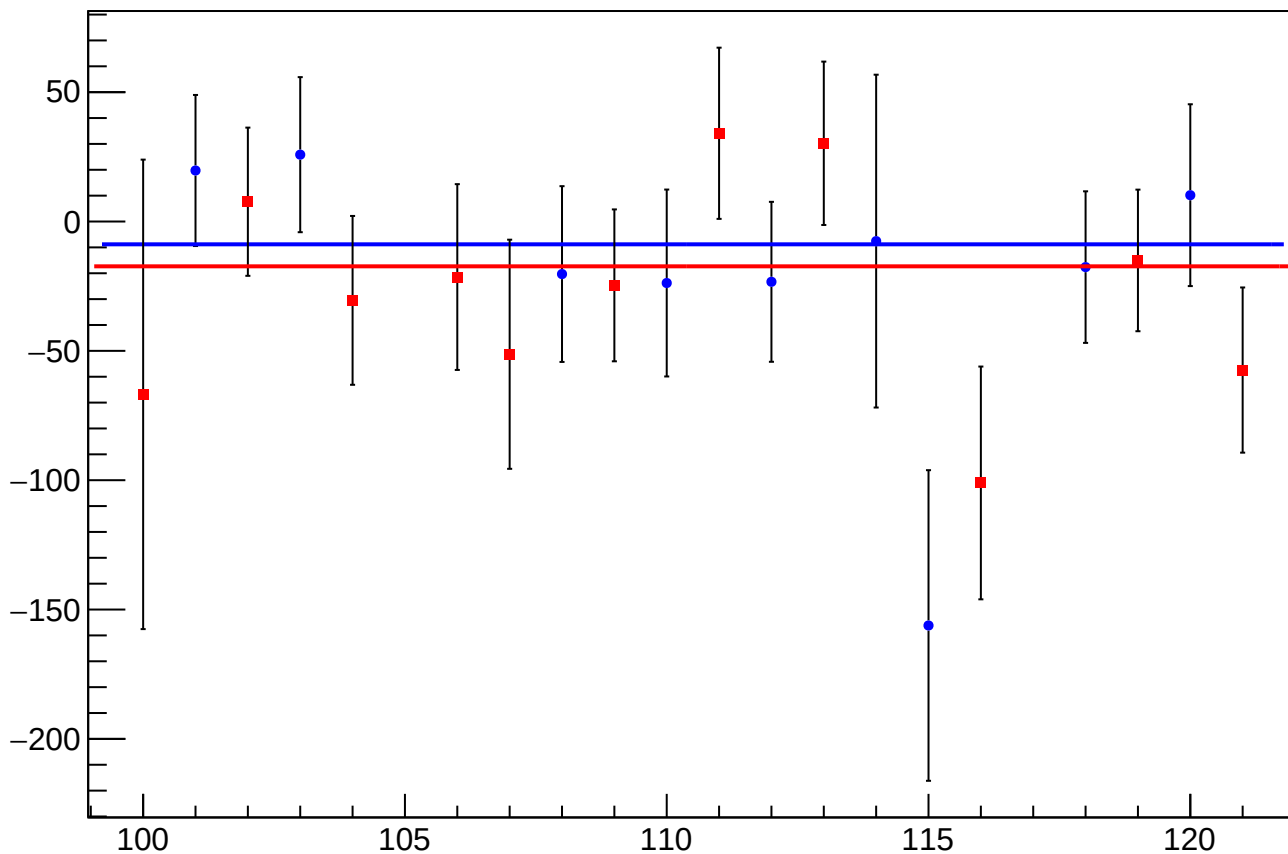
Right: 16.898+/-0.004 χ^2/NDF : 67960.5/19

In: 16.873+/-0.006 χ^2/NDF :34106.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.898+/-0.004 χ^2/NDF : 67960.5/19

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.814+/-11.579 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.323+/-10.287 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

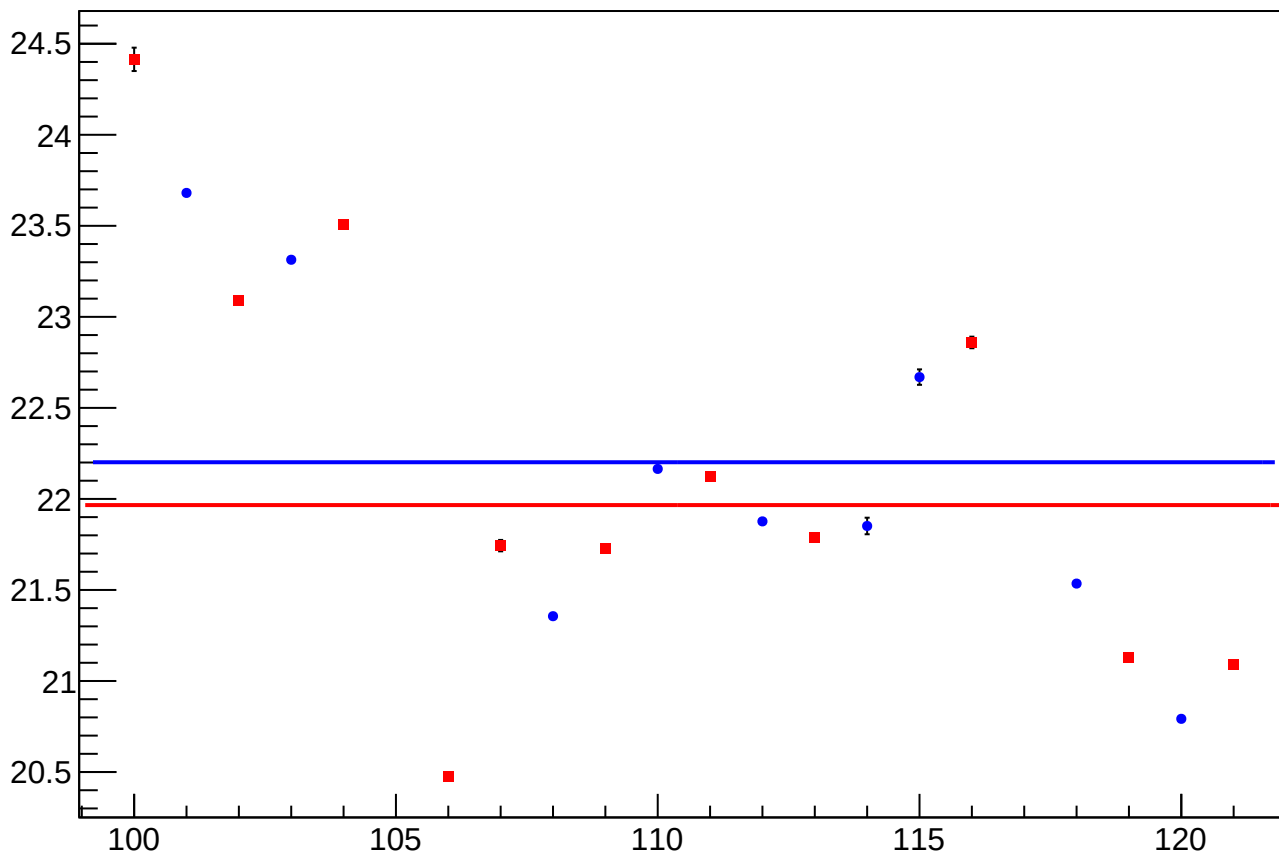
Right: -13.570+/-7.690 χ^2/NDF : 21.1/19

In: -8.814+/-11.579 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.570+/-7.690 χ^2/NDF : 21.1/19

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.201+/-0.008 χ^2/NDF : 13778.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.966+/-0.007 χ^2/NDF : 16902.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

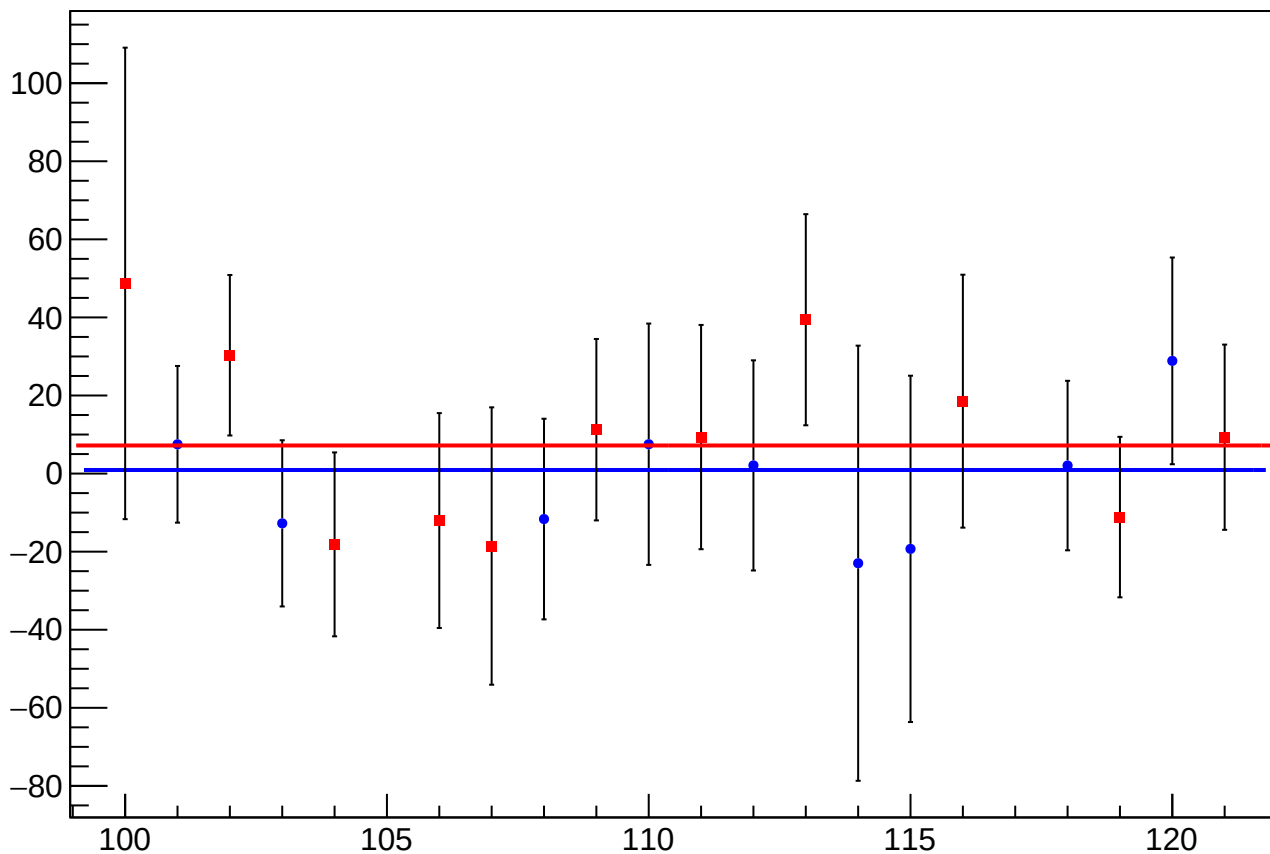
Right: 22.070+/-0.005 χ^2/NDF : 31143.0/19

In: 22.201+/-0.008 χ^2/NDF : 13778.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.070+/-0.005 χ^2/NDF : 31143.0/19

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.917+/-8.767 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.196+/-7.885 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

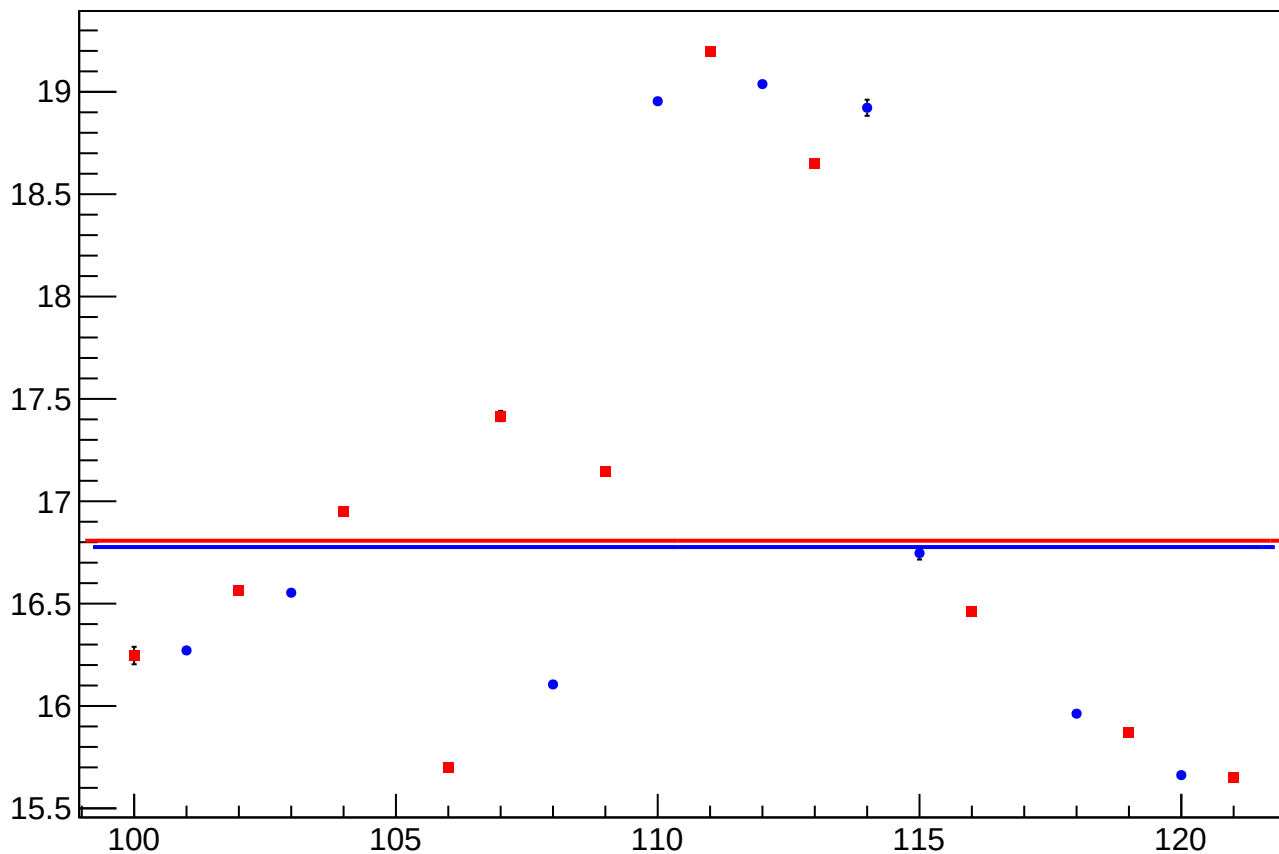
Right: 4.388+/-5.863 χ^2/NDF : 8.9/19

In: 0.917+/-8.767 χ^2/NDF : 2.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.388+/-5.863 χ^2/NDF : 8.9/19

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.776+/-0.006 χ^2/NDF : 36214.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.807+/-0.006 χ^2/NDF : 37013.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

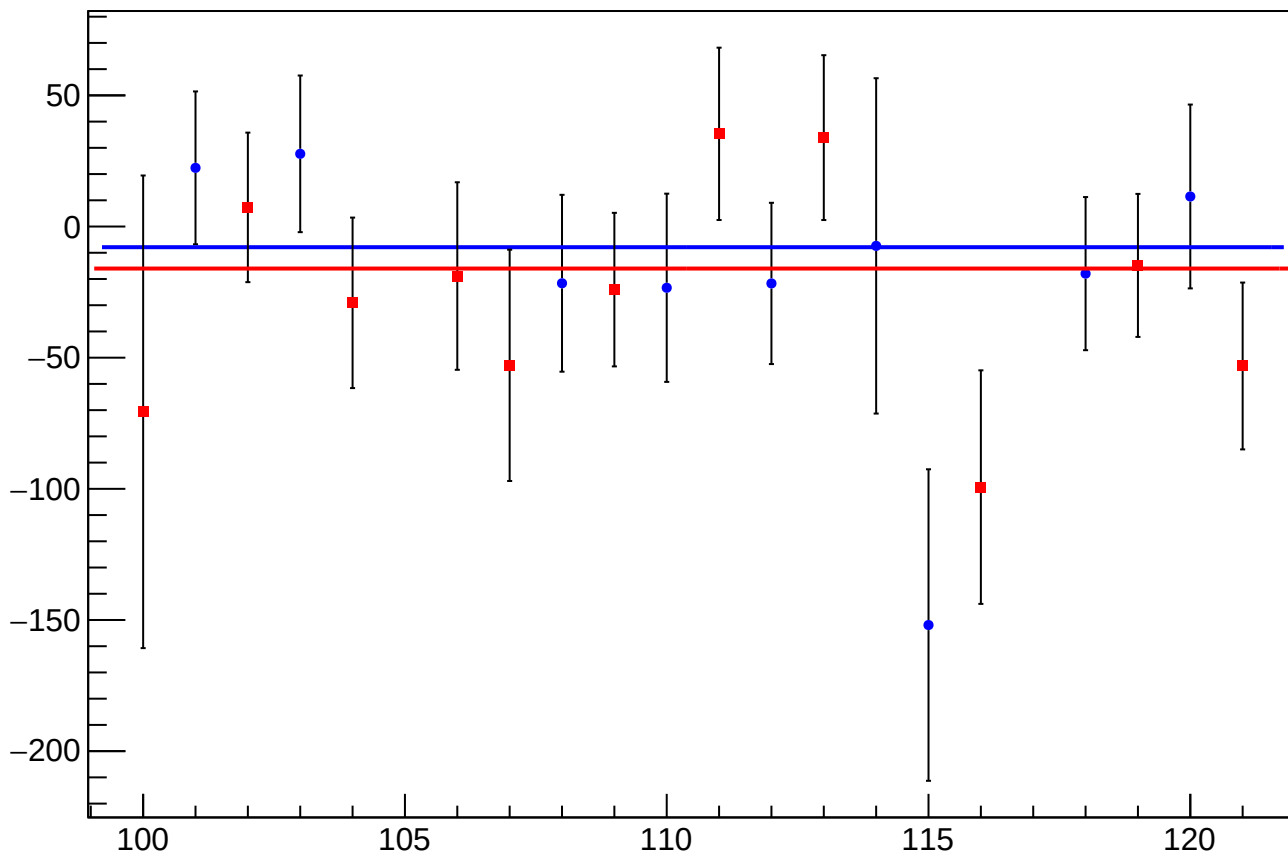
Right: 16.793+/-0.004 χ^2/NDF : 73241.8/19

In: 16.776+/-0.006 χ^2/NDF : 36214.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.793+/-0.004 χ^2/NDF : 73241.8/19

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.879+/-11.524 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.019+/-10.236 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

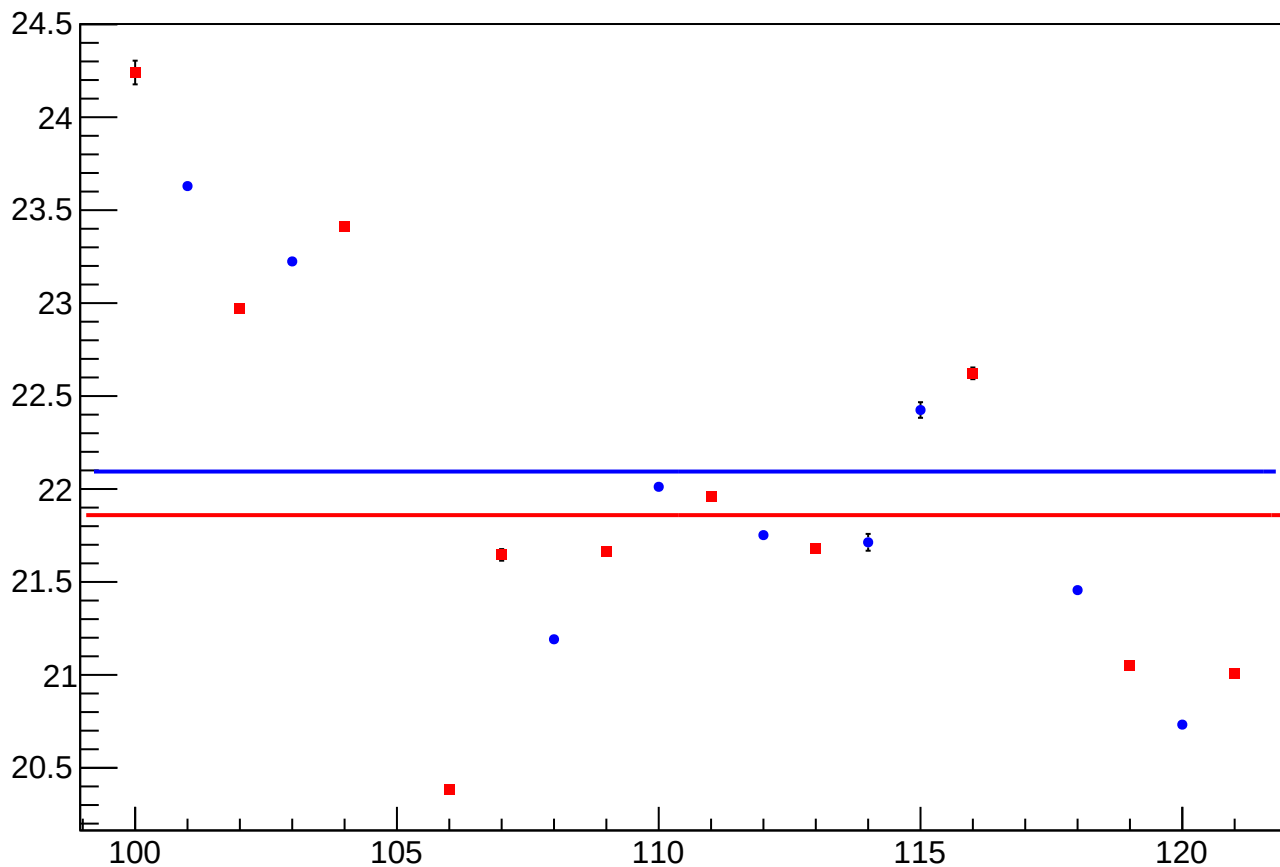
Right: -12.429+/-7.653 χ^2/NDF : 21.5/19

In: -7.879+/-11.524 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.429+/-7.653 χ^2/NDF : 21.5/19

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.094+/-0.008 χ^2/NDF : 14217.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.859+/-0.007 χ^2/NDF : 16431.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

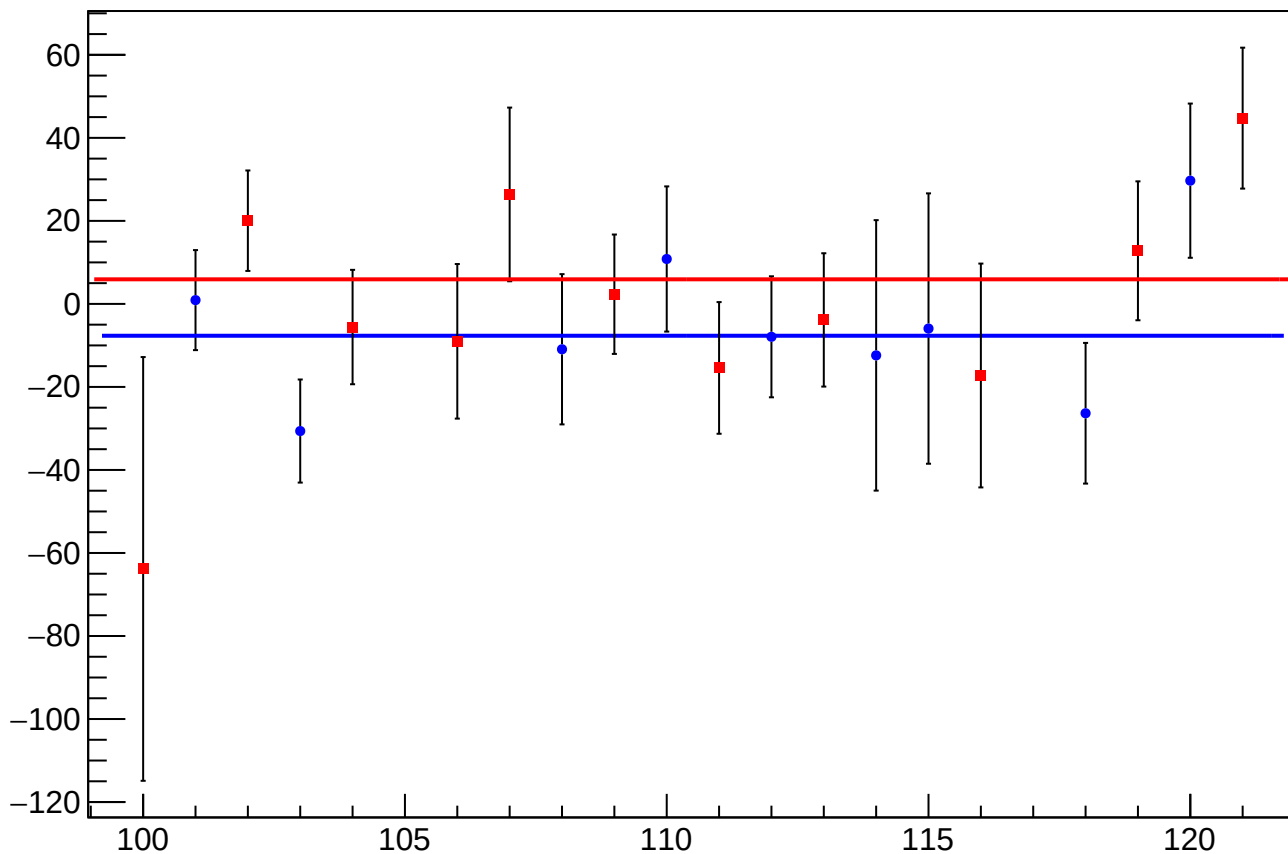
Right: 21.963+/-0.005 χ^2/NDF : 31112.4/19

In: 22.094+/-0.008 χ^2/NDF : 14217.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.963+/-0.005 χ^2/NDF : 31112.4/19

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.671+/-5.532 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.923+/-5.080 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

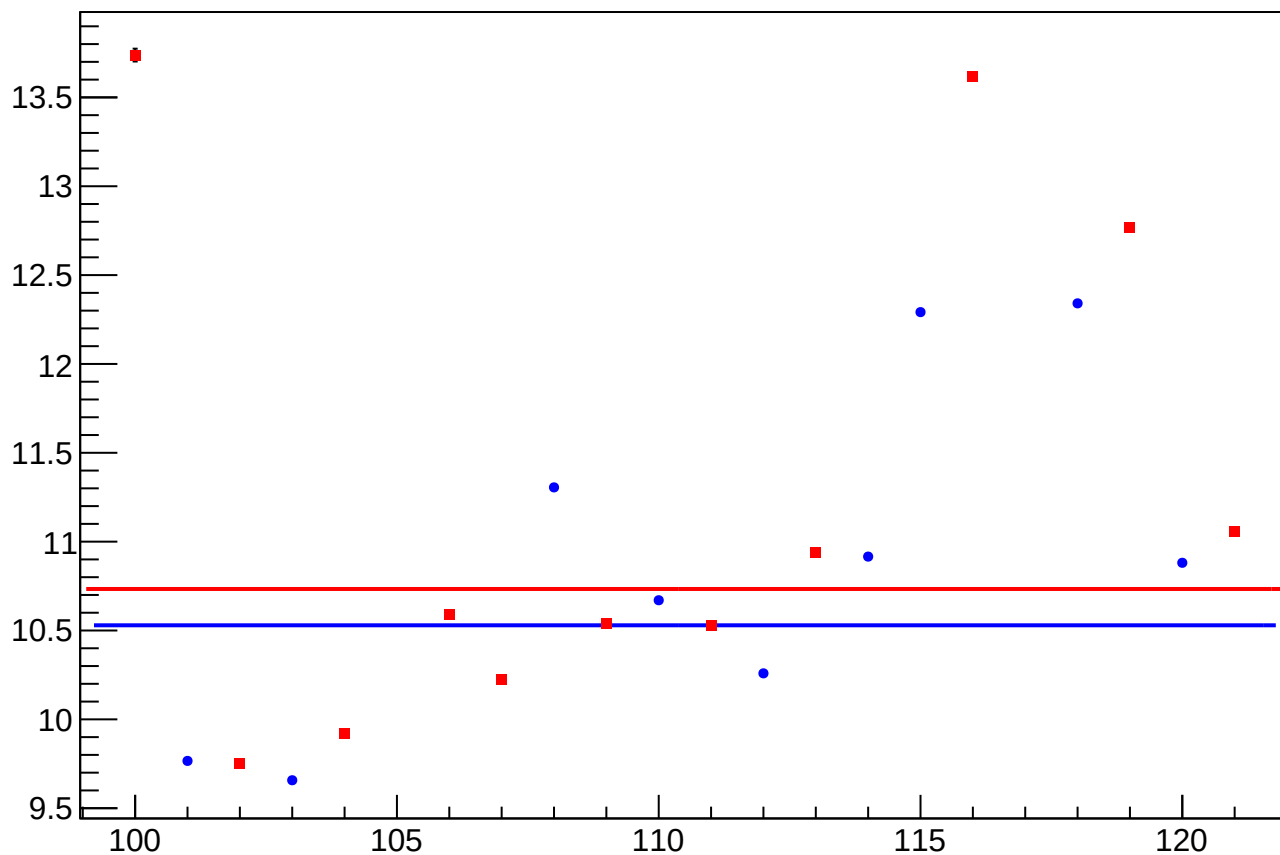
Right: -0.295+/-3.742 χ^2/NDF : 27.5/19

In: -7.671+/-5.532 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.295+/-3.742 χ^2/NDF : 27.5/19

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.734+/-0.004 χ^2/NDF : 82575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

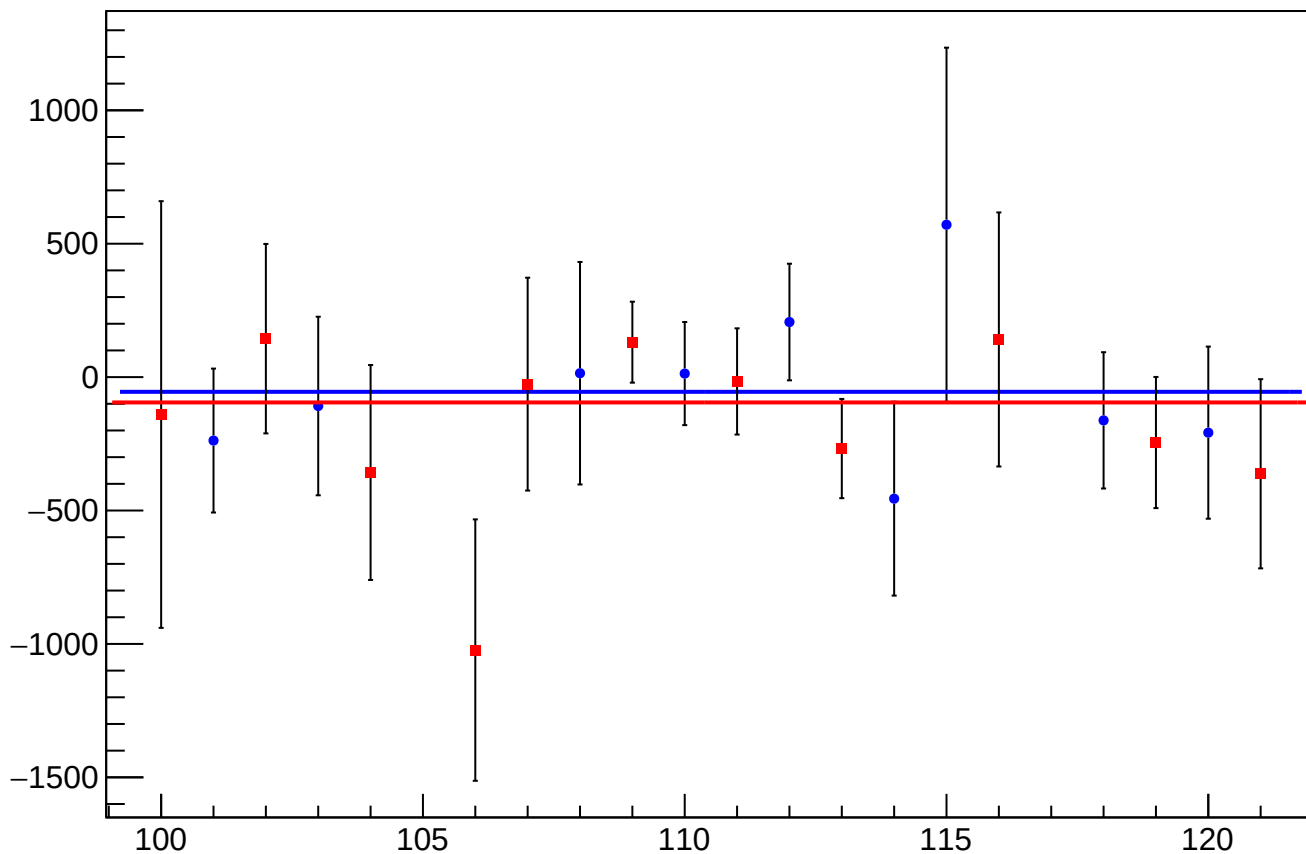
Right: 10.640+/-0.003 χ^2/NDF : 136154.1/19

In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.640+/-0.003 χ^2/NDF : 136154.1/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -55.099+/-94.945 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -94.938+/-80.947 χ^2/NDF : 8.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

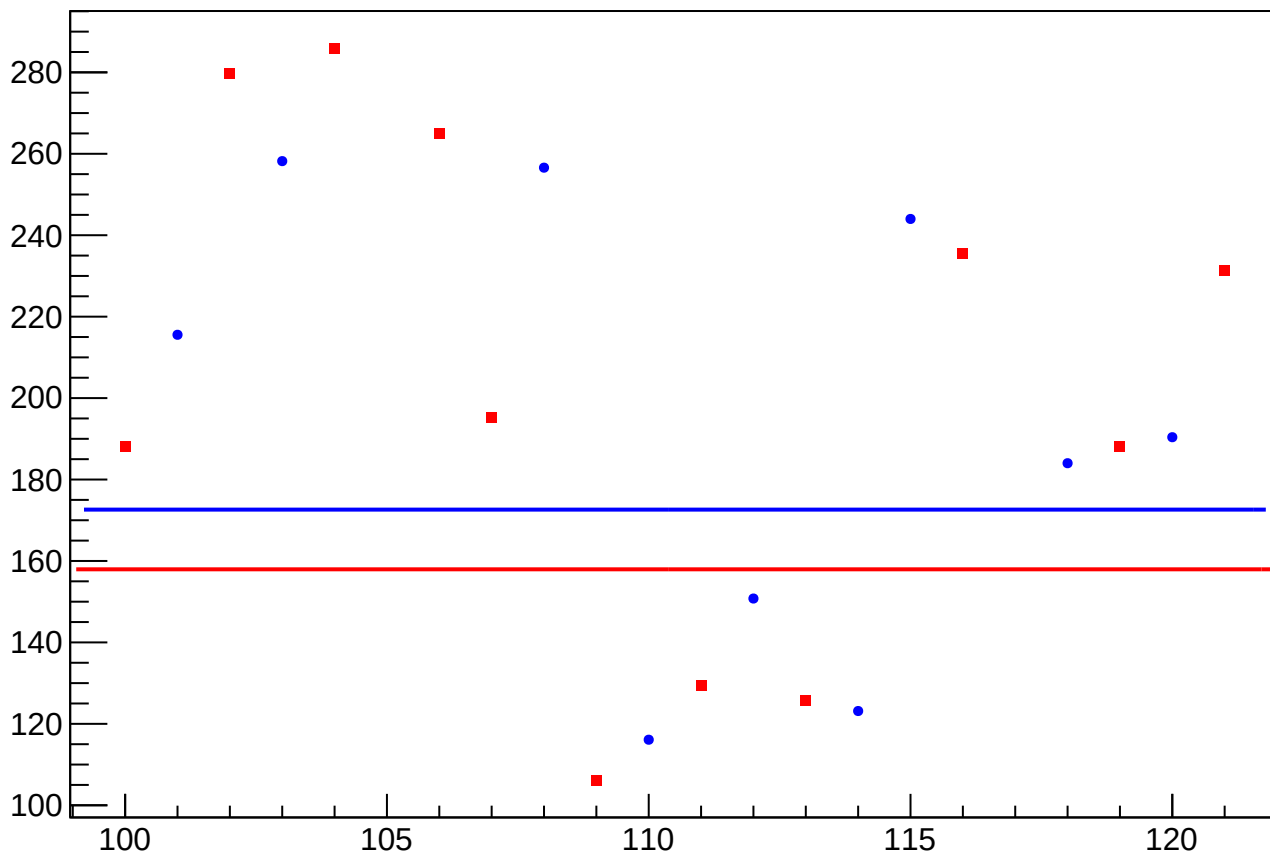
Right: -78.169+/-61.598 χ^2/NDF : 13.6/19

In: -55.099+/-94.945 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.169+/-61.598 χ^2/NDF : 13.6/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.613+/-0.067 χ^2/NDF : 523917.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.950+/-0.057 χ^2/NDF : 1056422.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

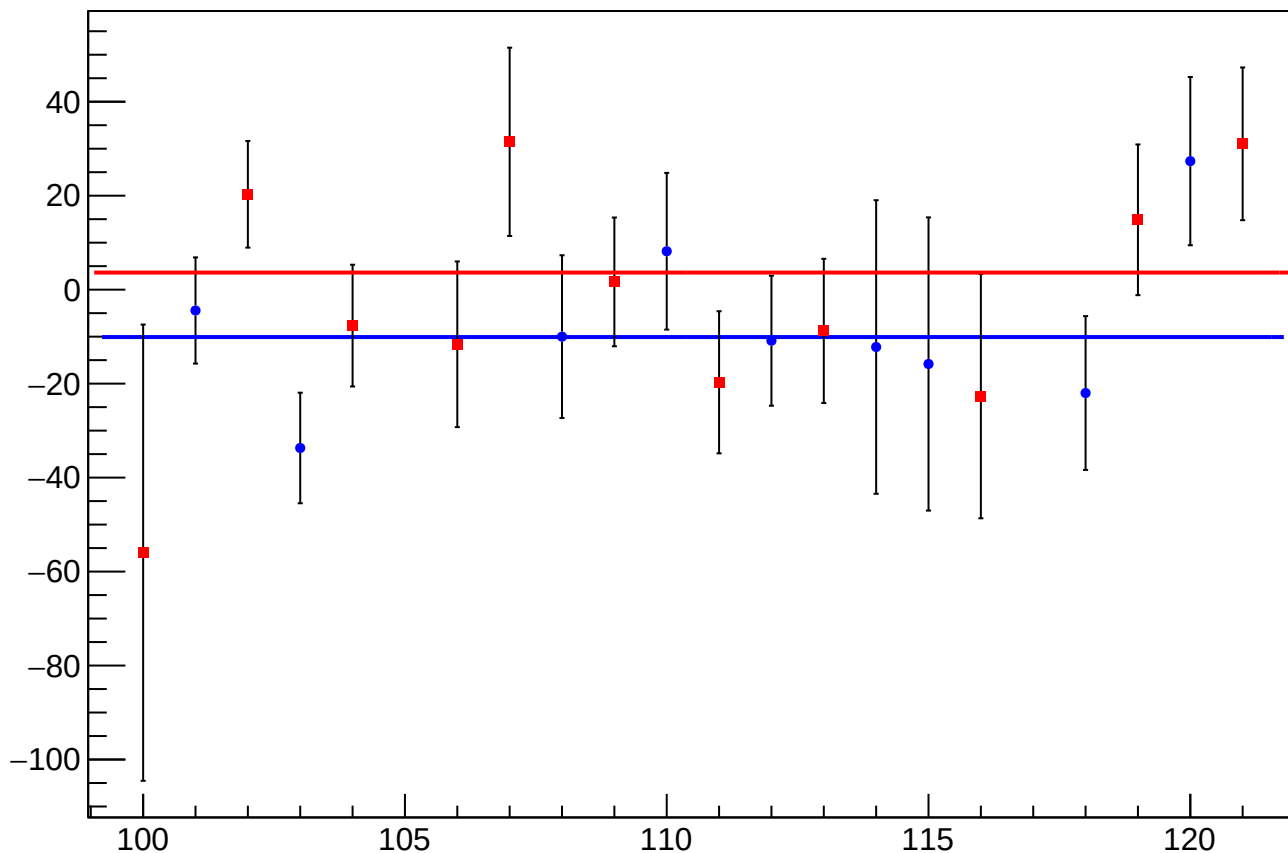
Right: 164.122+/-0.044 χ^2/NDF : 1607964.0/19

In: 172.613+/-0.067 χ^2/NDF :523917.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 164.122+/-0.044 χ^2/NDF : 1607964.0/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.088+/-5.263 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.641+/-4.825 χ^2/NDF : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

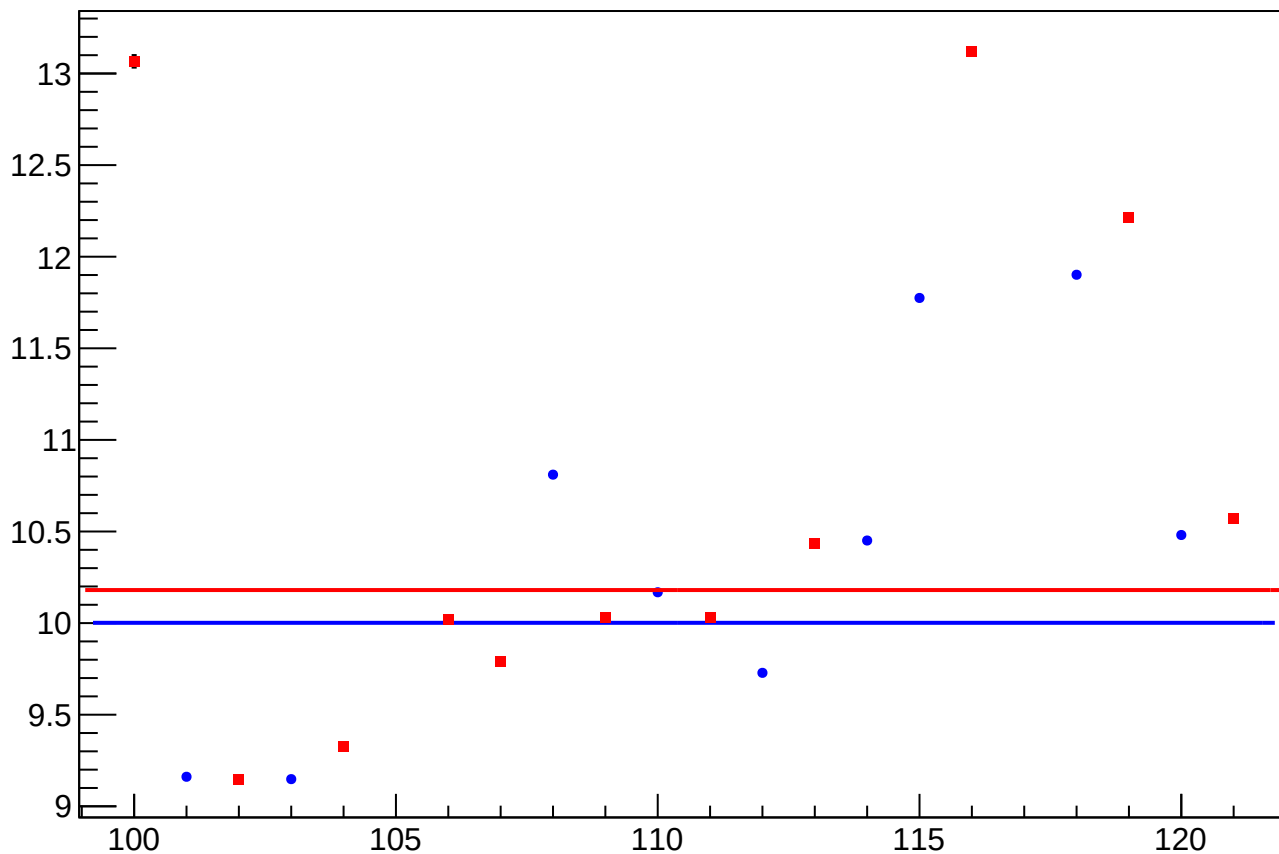
Right: -2.629+/-3.557 χ^2/NDF : 28.6/19

In: -10.088+/-5.263 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.629+/-3.557 χ^2/NDF : 28.6/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.002 $\pm$ 0.004 χ^2 /NDF: 62173.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.180 $\pm$ 0.003 χ^2 /NDF: 93193.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

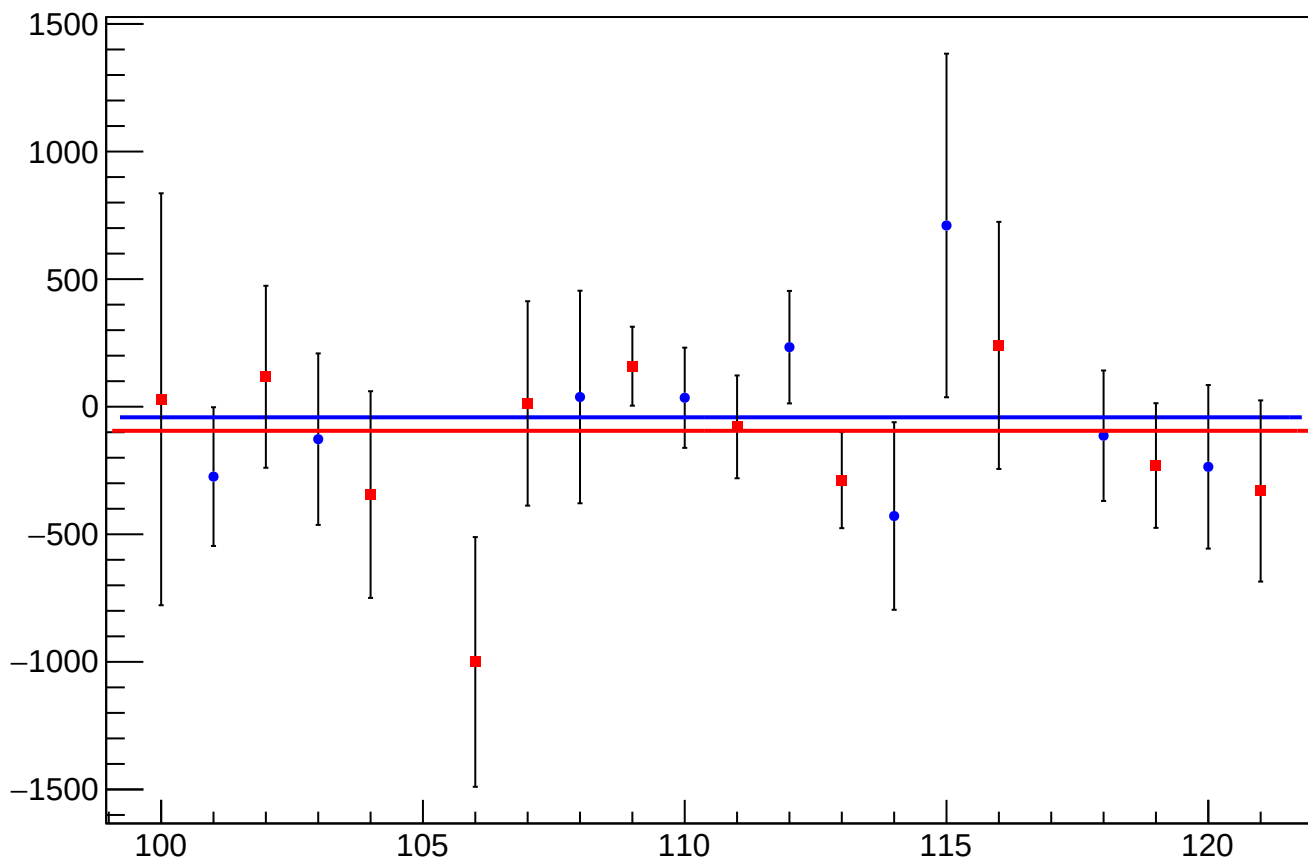
Right: 10.099 $\pm$ 0.003 χ^2 /NDF: 156621.4/19

In: 10.002 $\pm$ 0.004 χ^2 /NDF: 62173.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.099 $\pm$ 0.003 χ^2 /NDF: 156621.4/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -41.512 ± 95.645 χ^2/NDF : 5.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -94.452 ± 81.779 χ^2/NDF : 9.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

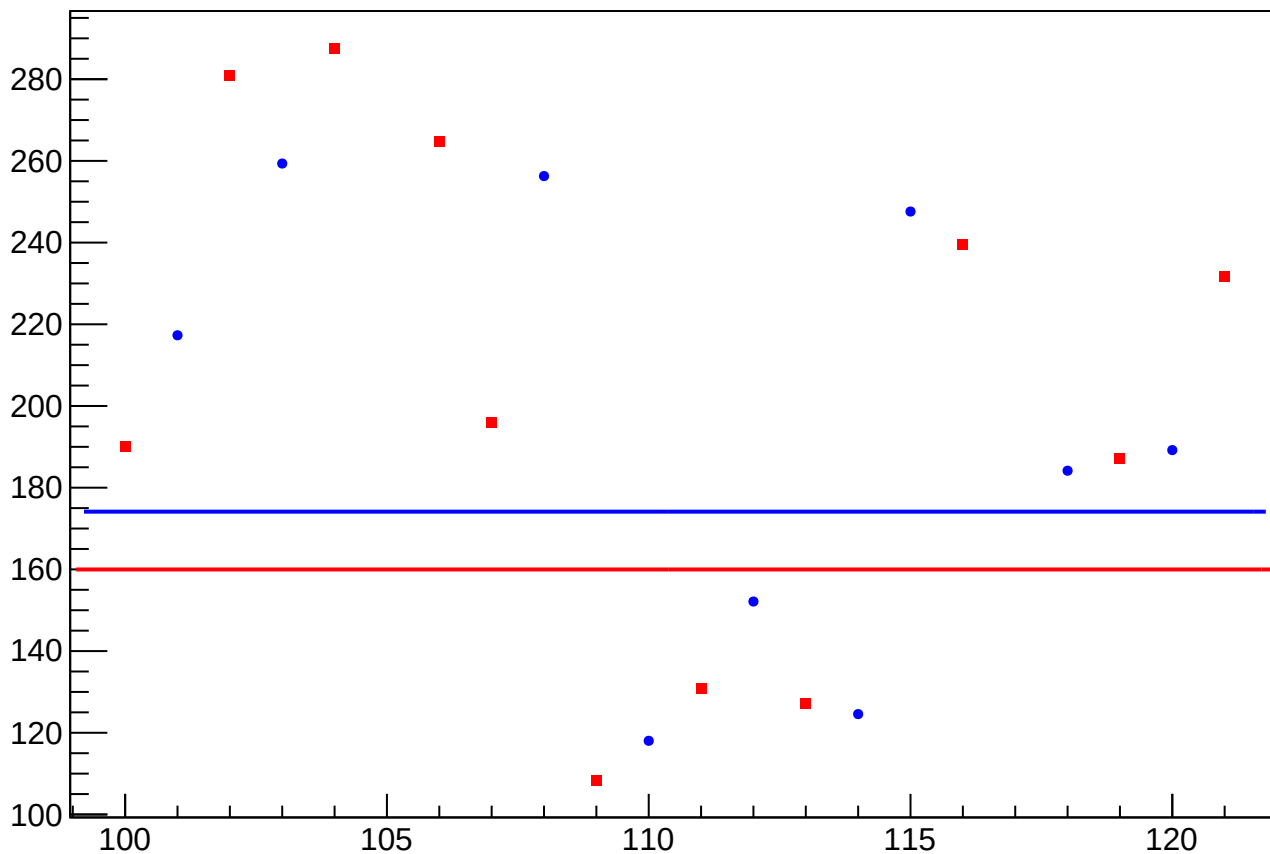
Right: -72.095 ± 62.156 χ^2/NDF : 14.7/19

In: -41.512 ± 95.645 χ^2/NDF : 5.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.095 ± 62.156 χ^2/NDF : 14.7/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.982+/-0.058 χ^2/NDF : 1024030.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

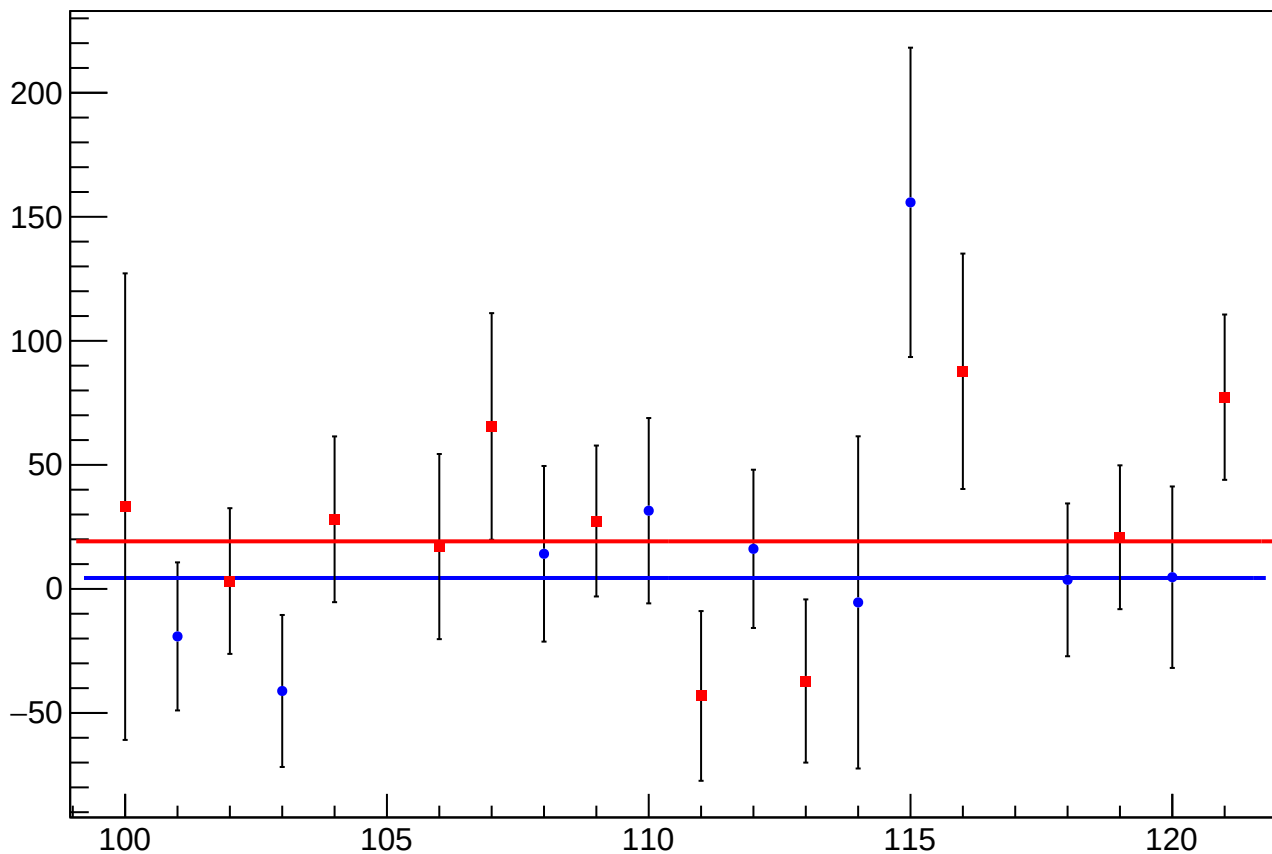
Right: 165.958+/-0.044 χ^2/NDF : 1557011.8/19

In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.958+/-0.044 χ^2/NDF : 1557011.8/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.182+/-10.684 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

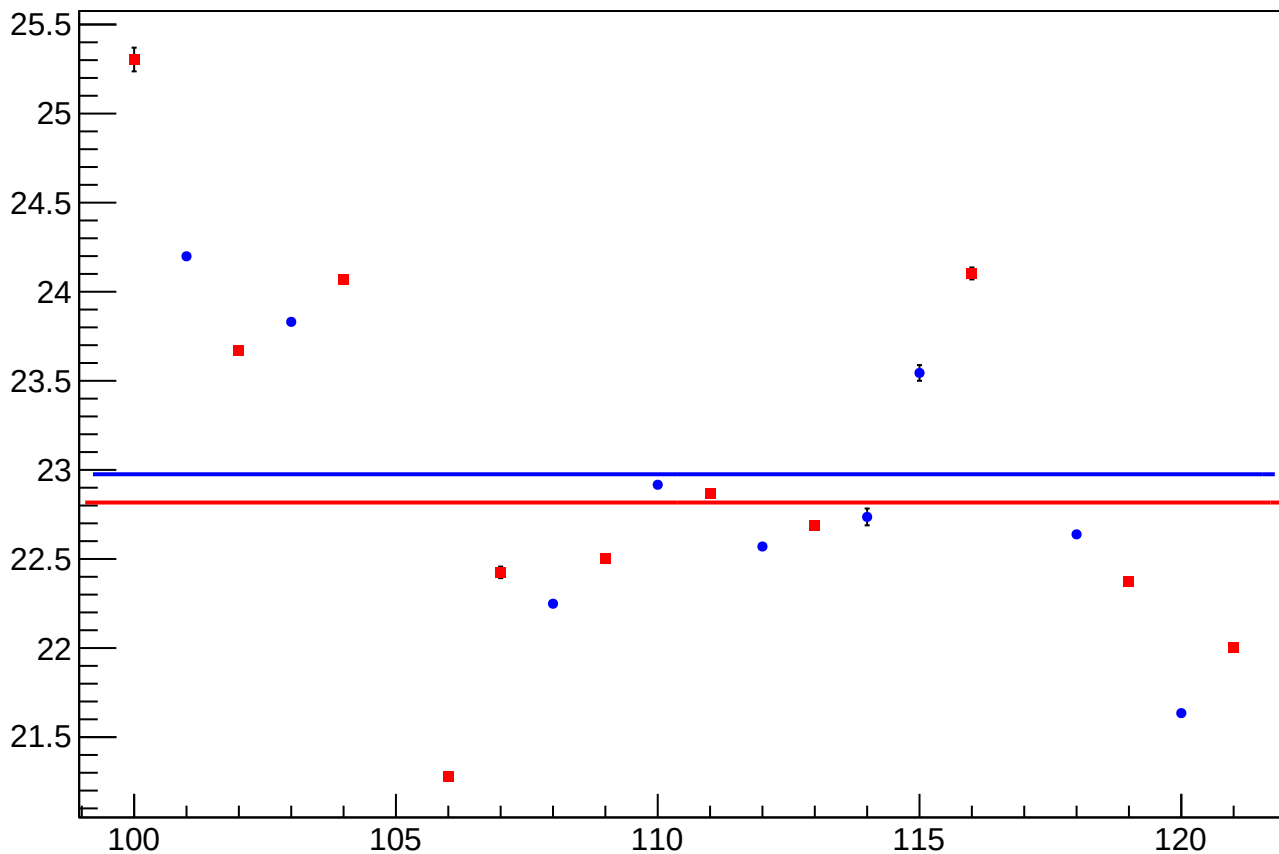
Right: 12.637+/-7.974 χ^2/NDF : 23.2/19

In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.637+/-7.974 χ^2/NDF : 23.2/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.817+/-0.008 χ^2/NDF : 12798.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

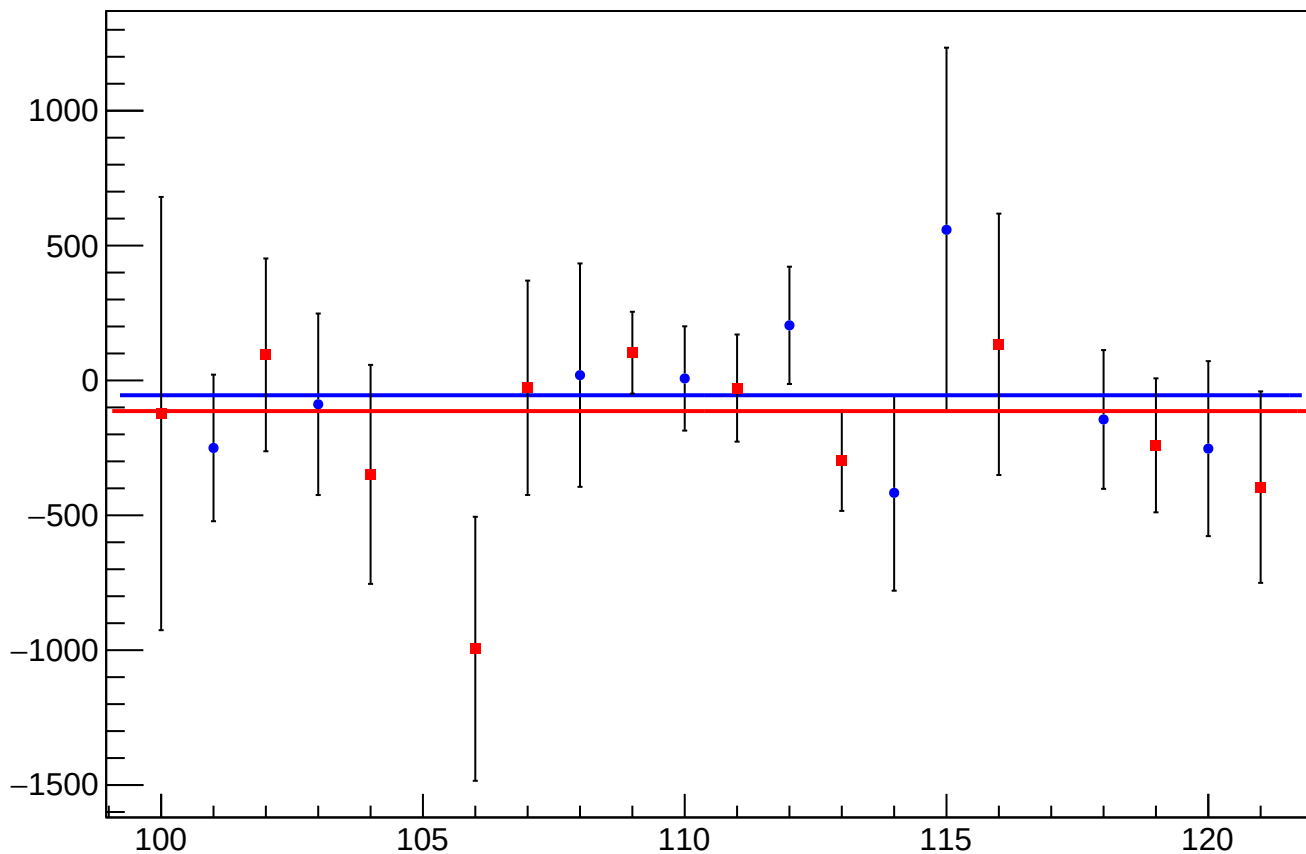
Right: 22.887+/-0.006 χ^2/NDF : 22205.1/19

In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.887+/-0.006 χ^2/NDF : 22205.1/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -113.628+/-81.065 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

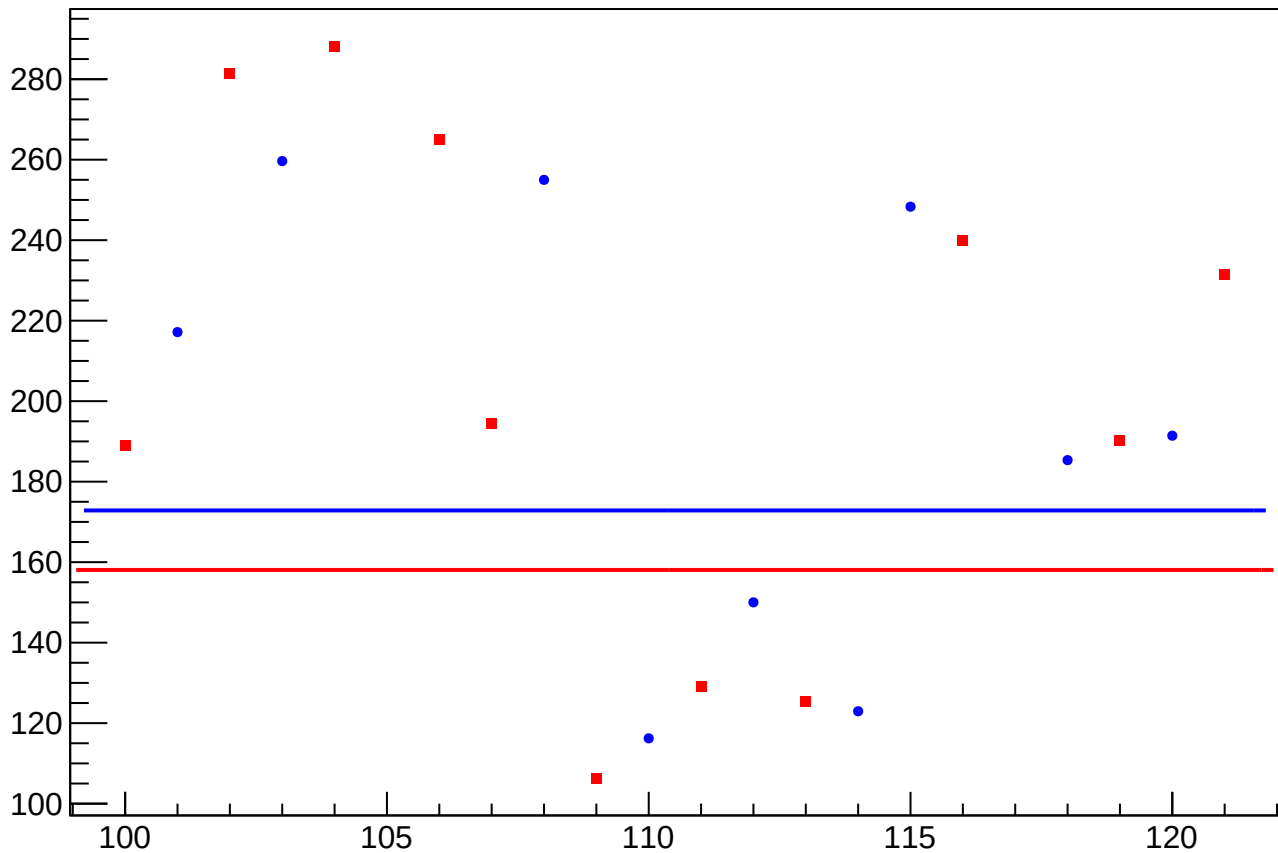
Right: -88.914+/-61.697 χ^2/NDF : 12.9/19

In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.914+/-61.697 χ^2/NDF : 12.9/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 158.067+/-0.057 χ^2/NDF : 1072555.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

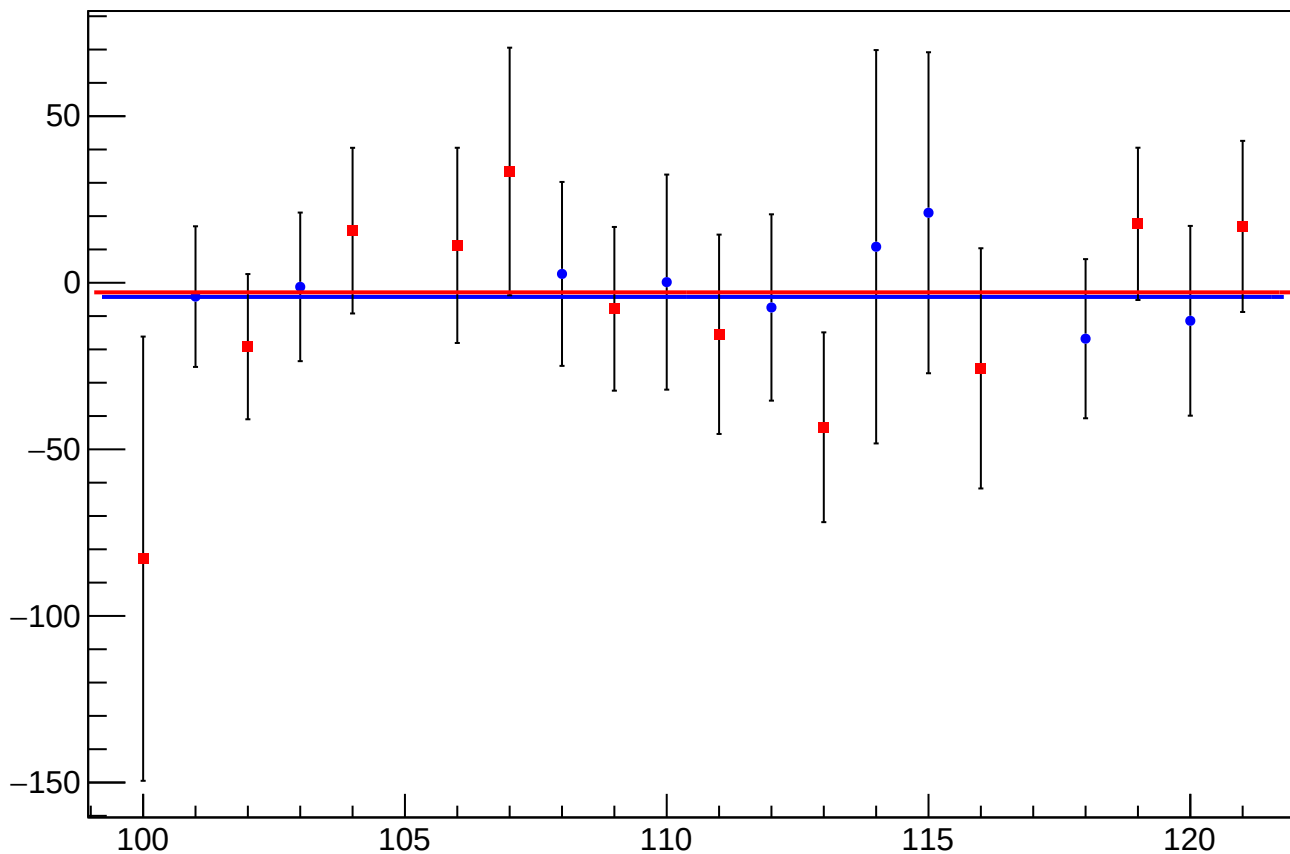
Right: 164.287+/-0.044 χ^2/NDF : 1633221.6/19

In: 172.850+/-0.067 χ^2/NDF :532682.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 164.287+/-0.044 χ^2/NDF : 1633221.6/19

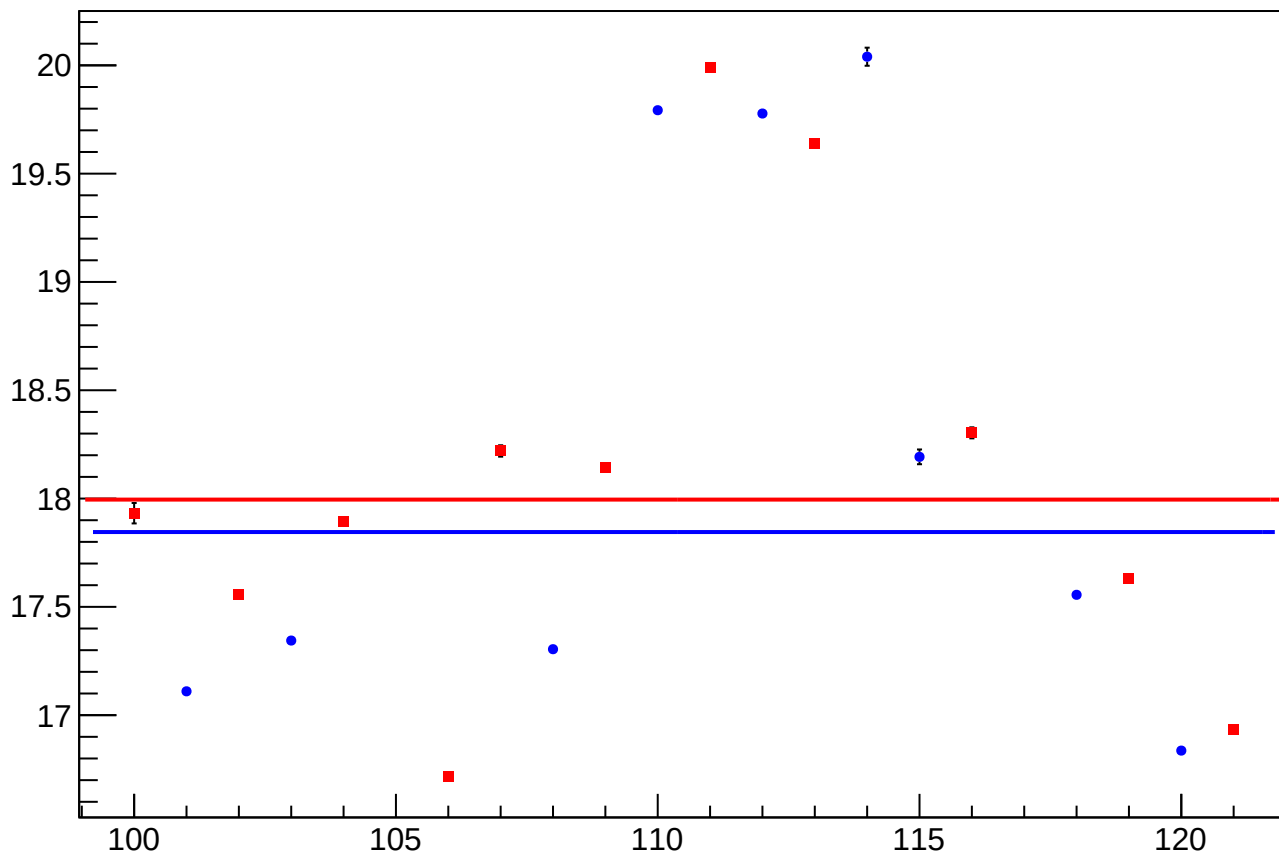
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.876+/-8.438 χ^2/NDF : 7.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.496+/-6.256 χ^2/NDF : 8.6/19
 In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.496+/-6.256 χ^2/NDF : 8.6/19

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.995+/-0.006 χ^2/NDF : 24413.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

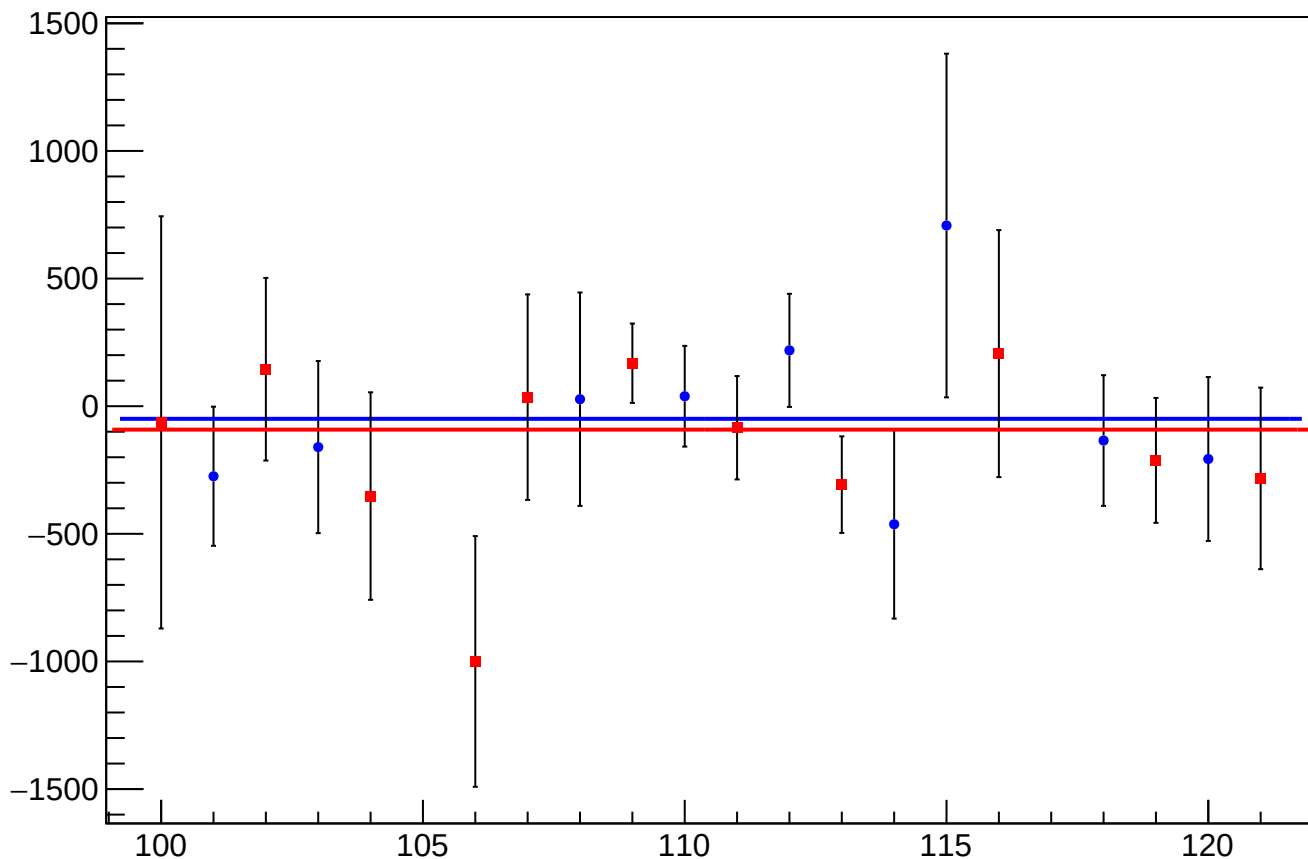
Right: 17.928+/-0.004 χ^2/NDF : 51402.5/19

In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.928+/-0.004 χ^2/NDF : 51402.5/19

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -49.465+/-96.000 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.817+/-82.122 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

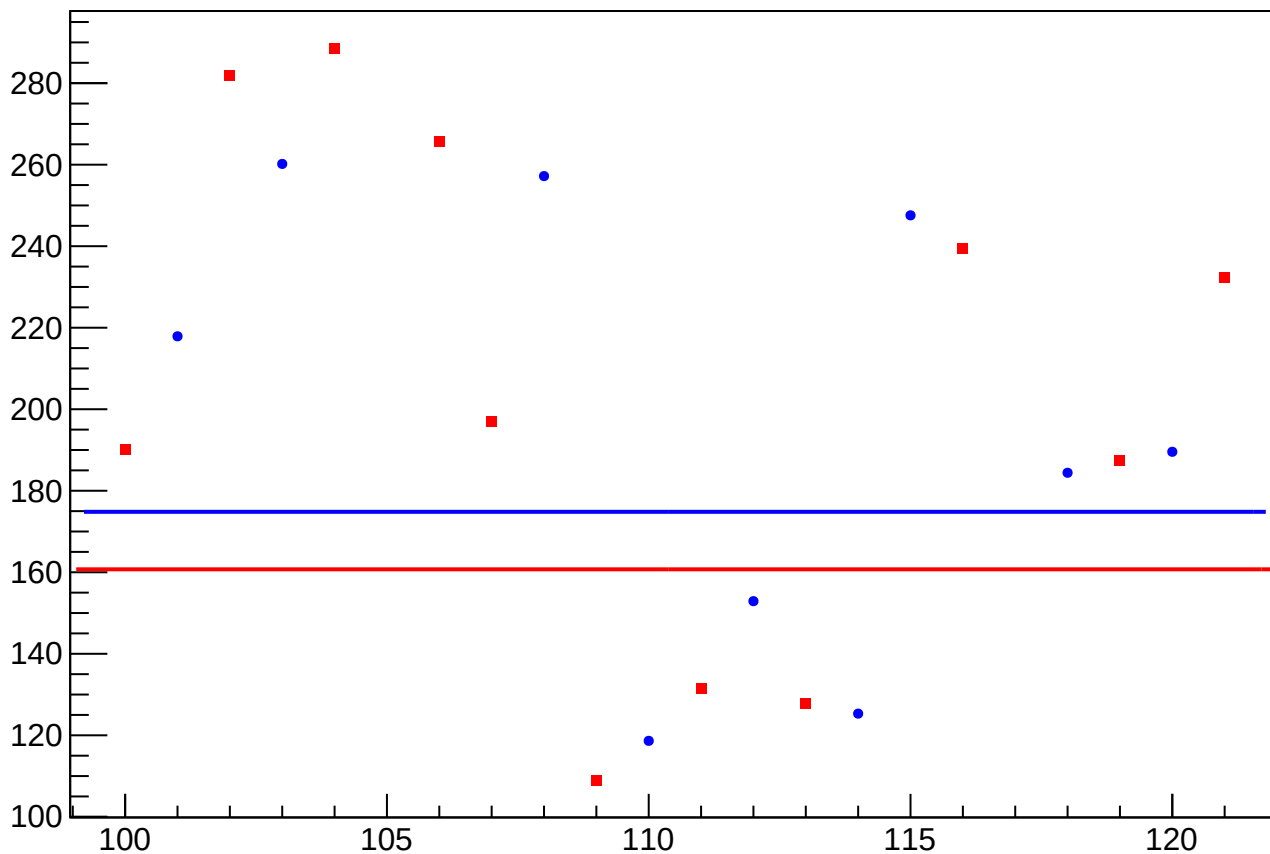
Right: -73.921+/-62.404 χ^2/NDF : 14.8/19

In: -49.465+/-96.000 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.921+/-62.404 χ^2/NDF : 14.8/19

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.724+/-0.058 χ^2/NDF : 1017498.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

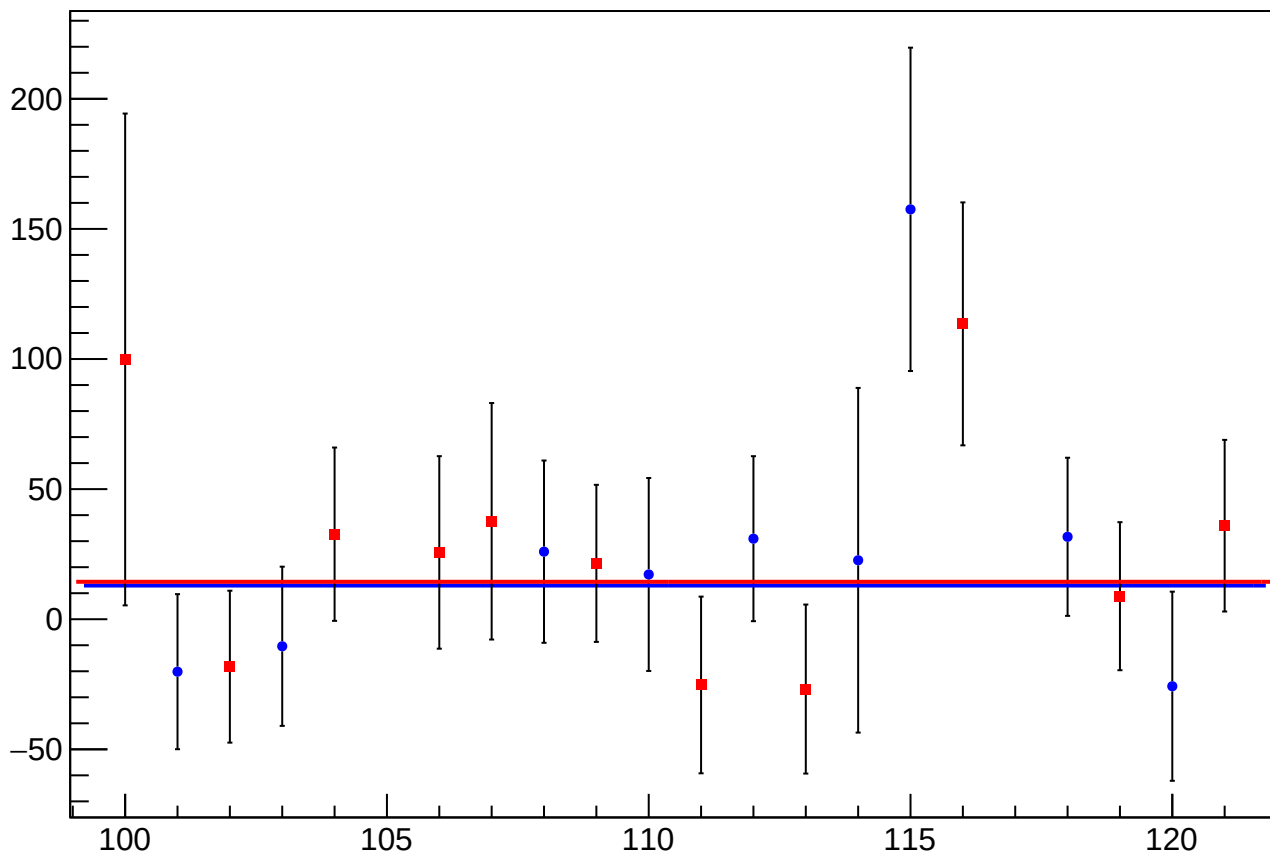
Right: 166.685+/-0.044 χ^2/NDF : 1546138.2/19

In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.685+/-0.044 χ^2/NDF : 1546138.2/19

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.389+/-10.583 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

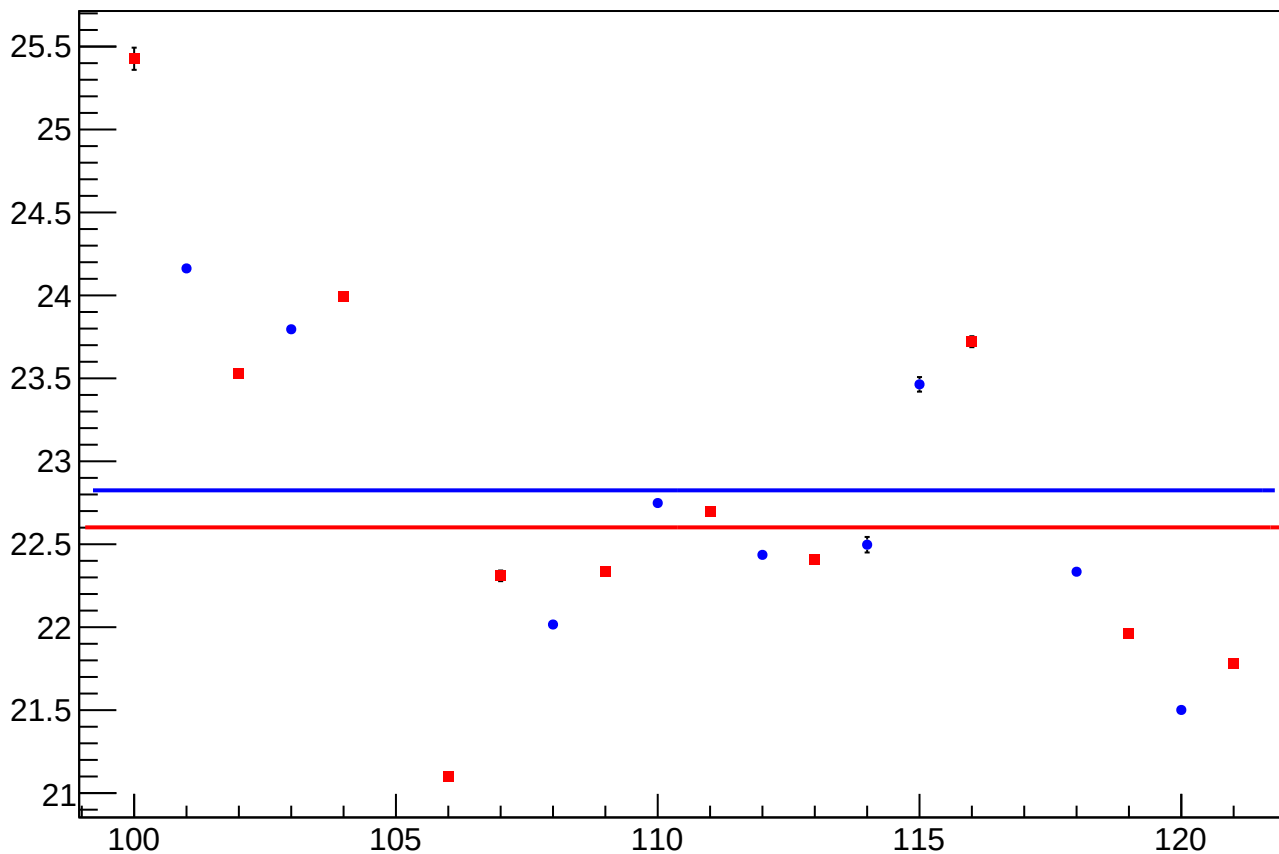
Right: 13.754+/-7.909 χ^2/NDF : 20.0/19

In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.754+/-7.909 χ^2/NDF : 20.0/19

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.602+/-0.007 χ^2/NDF : 14307.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

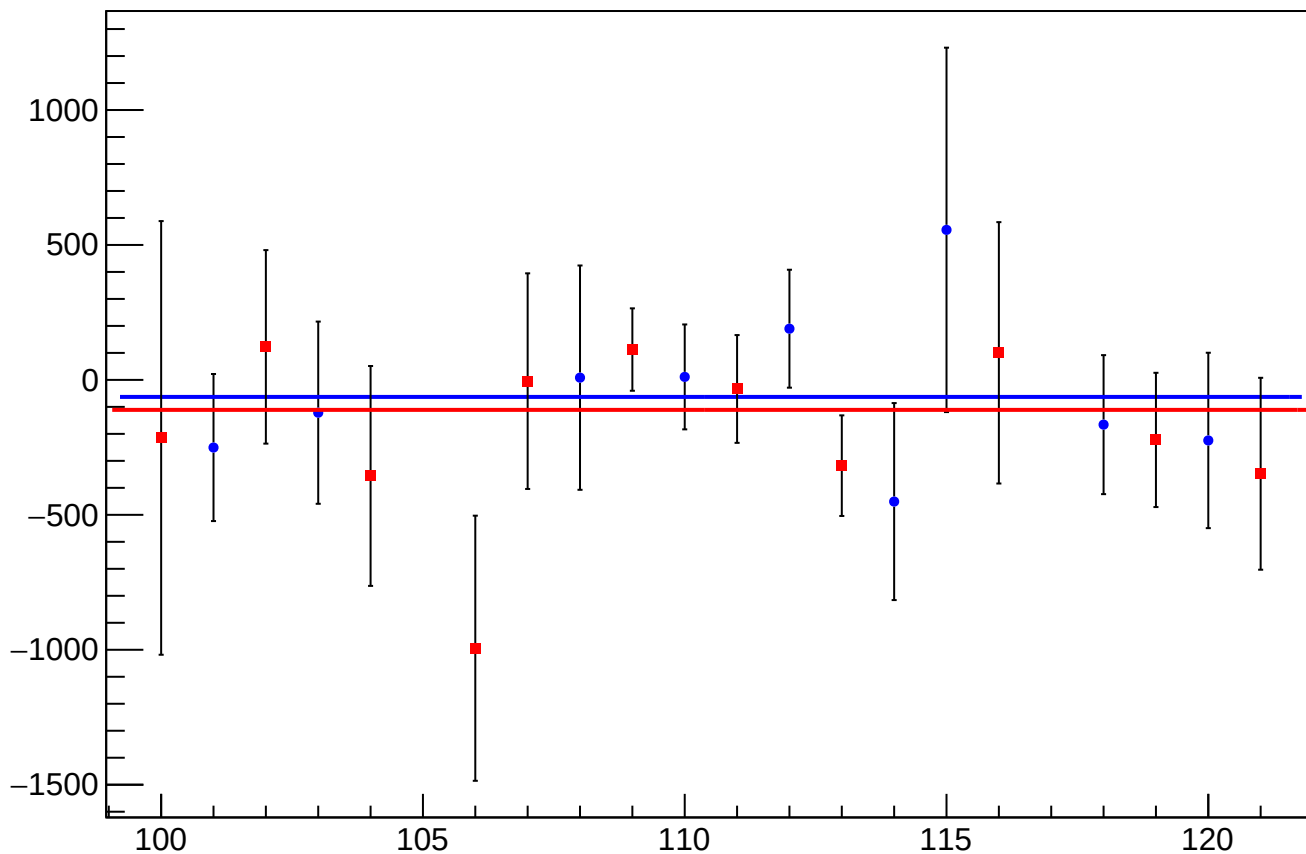
Right: 22.700+/-0.006 χ^2/NDF : 25557.3/19

In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.700+/-0.006 χ^2/NDF : 25557.3/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -63.067+/-95.476 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.105+/-81.412 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

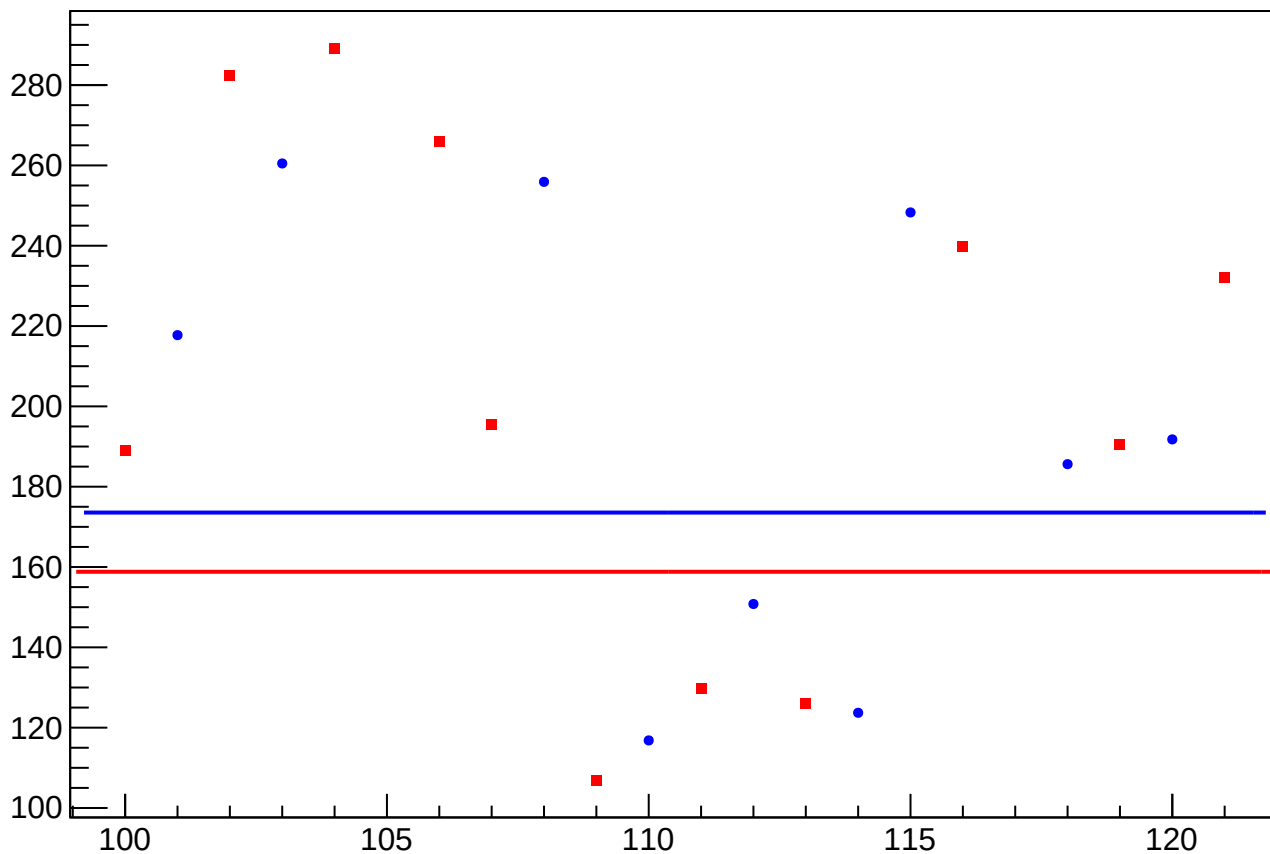
Right: -90.881+/-61.948 χ^2/NDF : 13.0/19

In: -63.067+/-95.476 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.881+/-61.948 χ^2/NDF : 13.0/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.819+/-0.058 χ^2/NDF : 1065574.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

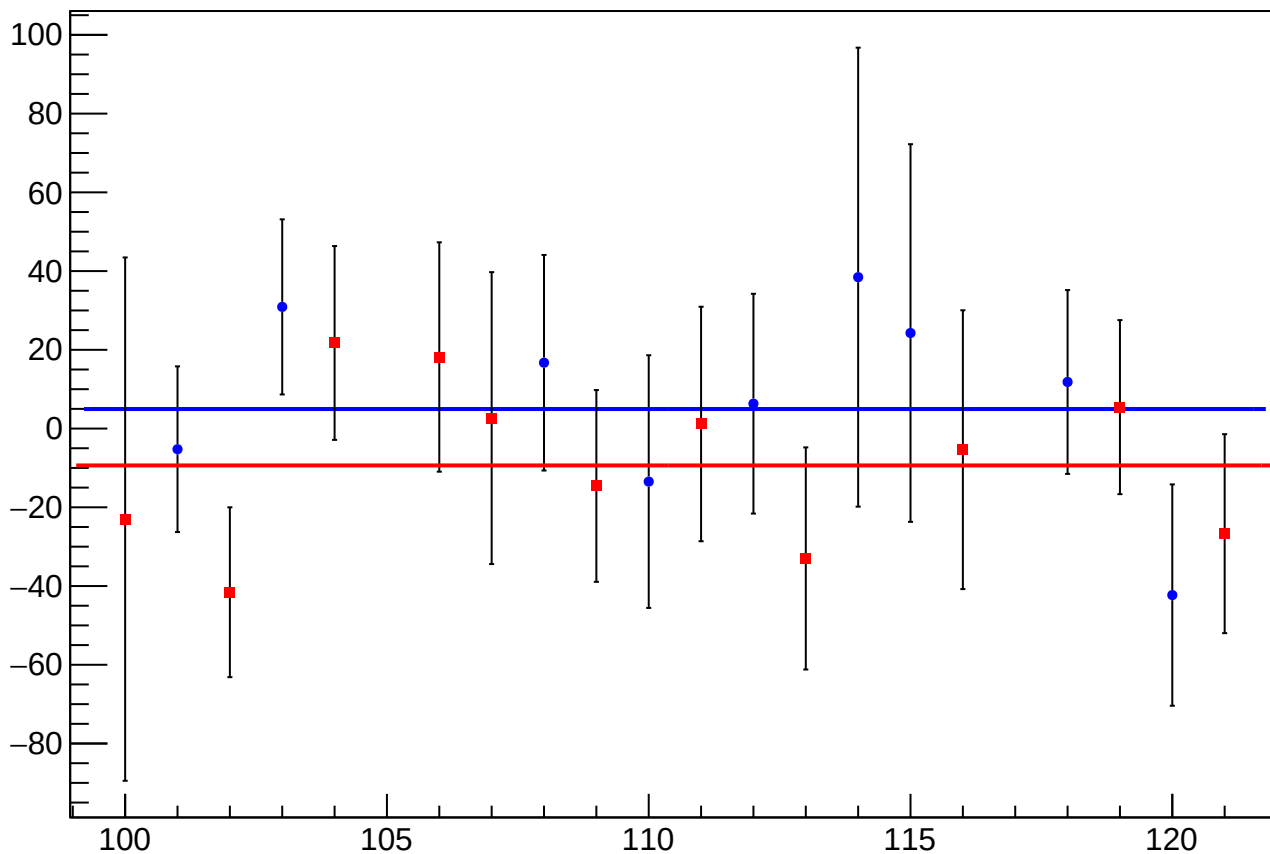
Right: 165.025+/-0.044 χ^2/NDF : 1621525.7/19

In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.025+/-0.044 χ^2/NDF : 1621525.7/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.962+/-9.246 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.366+/-8.330 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

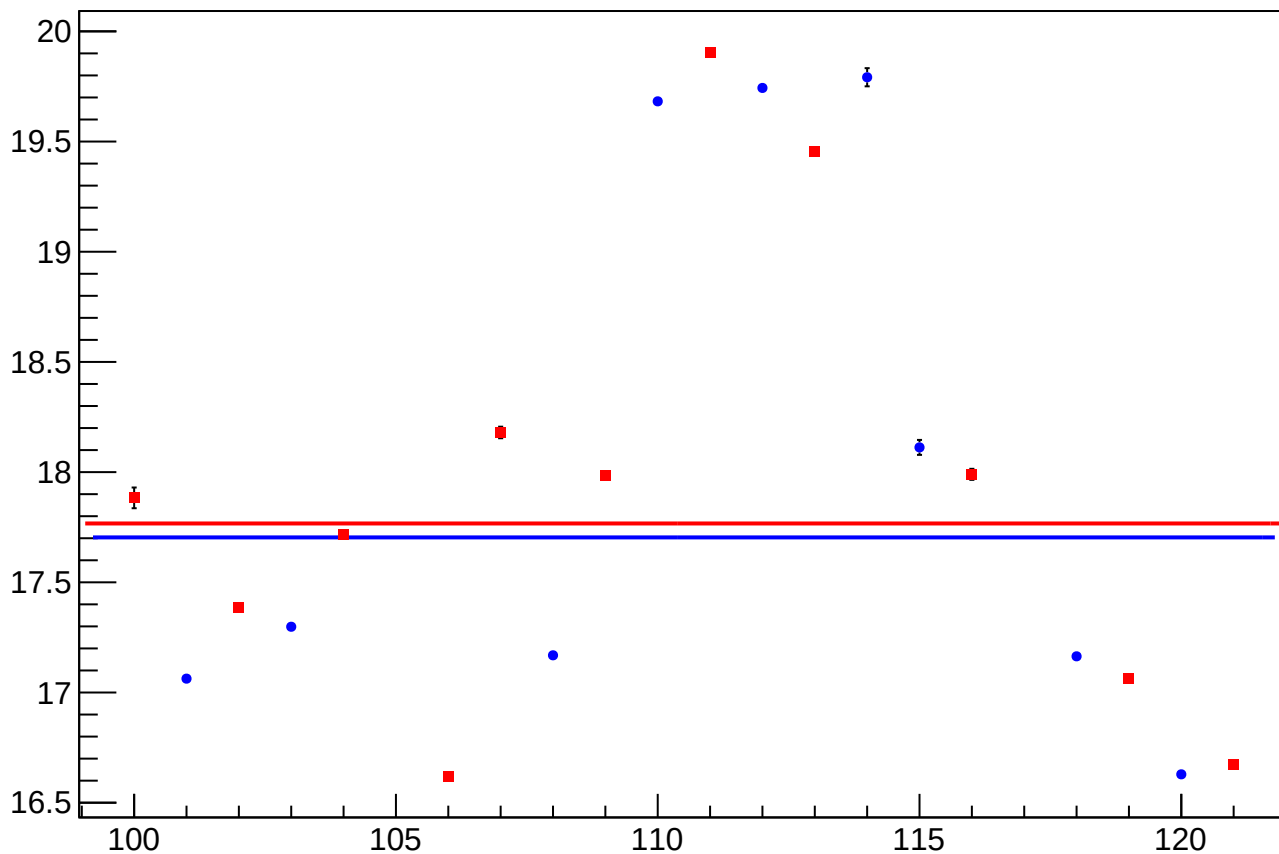
Right: -2.947+/-6.189 χ^2/NDF : 13.5/19

In: 4.962+/-9.246 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.947+/-6.189 χ^2/NDF : 13.5/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.767+/-0.006 χ^2/NDF : 27454.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

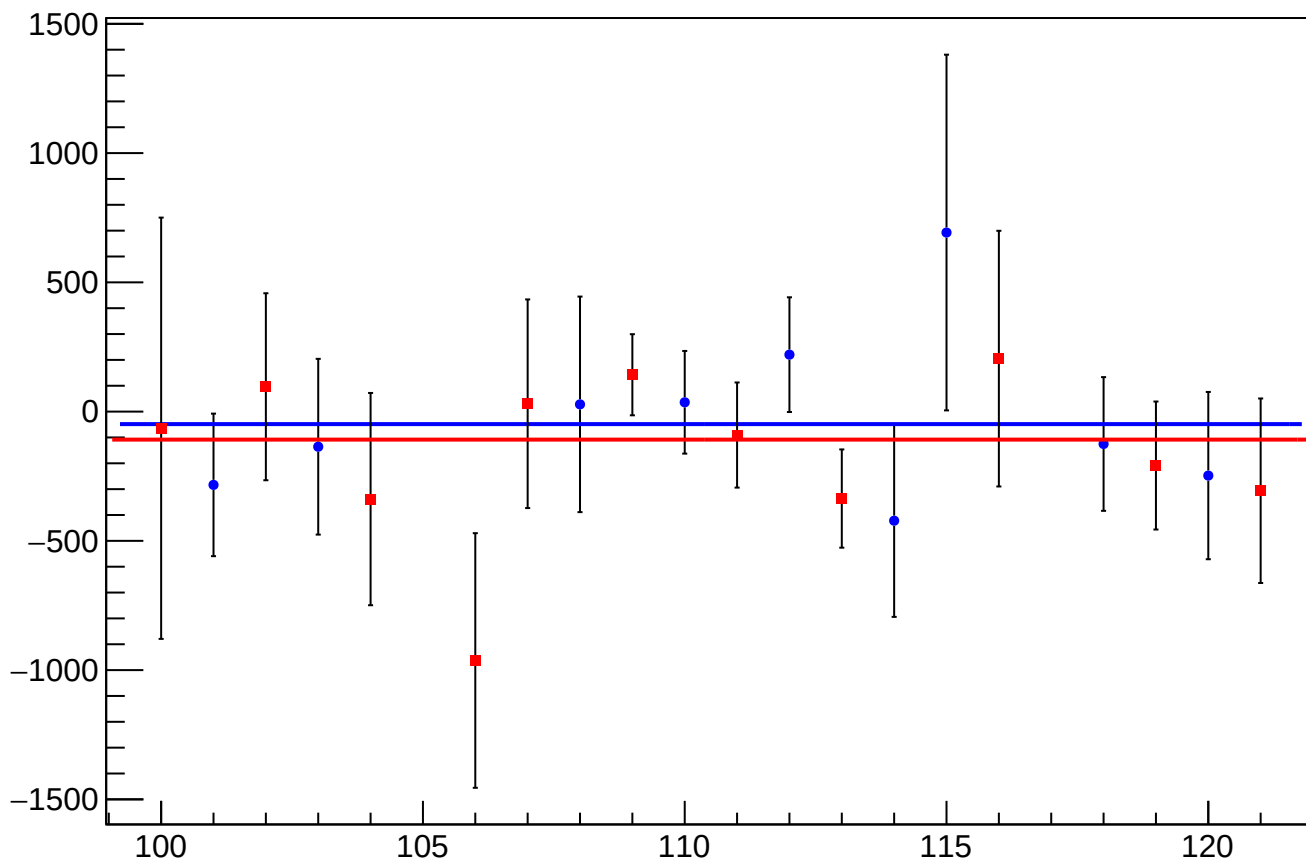
Right: 17.739+/-0.004 χ^2/NDF : 55772.1/19

In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.739+/-0.004 χ^2/NDF : 55772.1/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -48.379+/-96.644 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.381+/-82.726 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

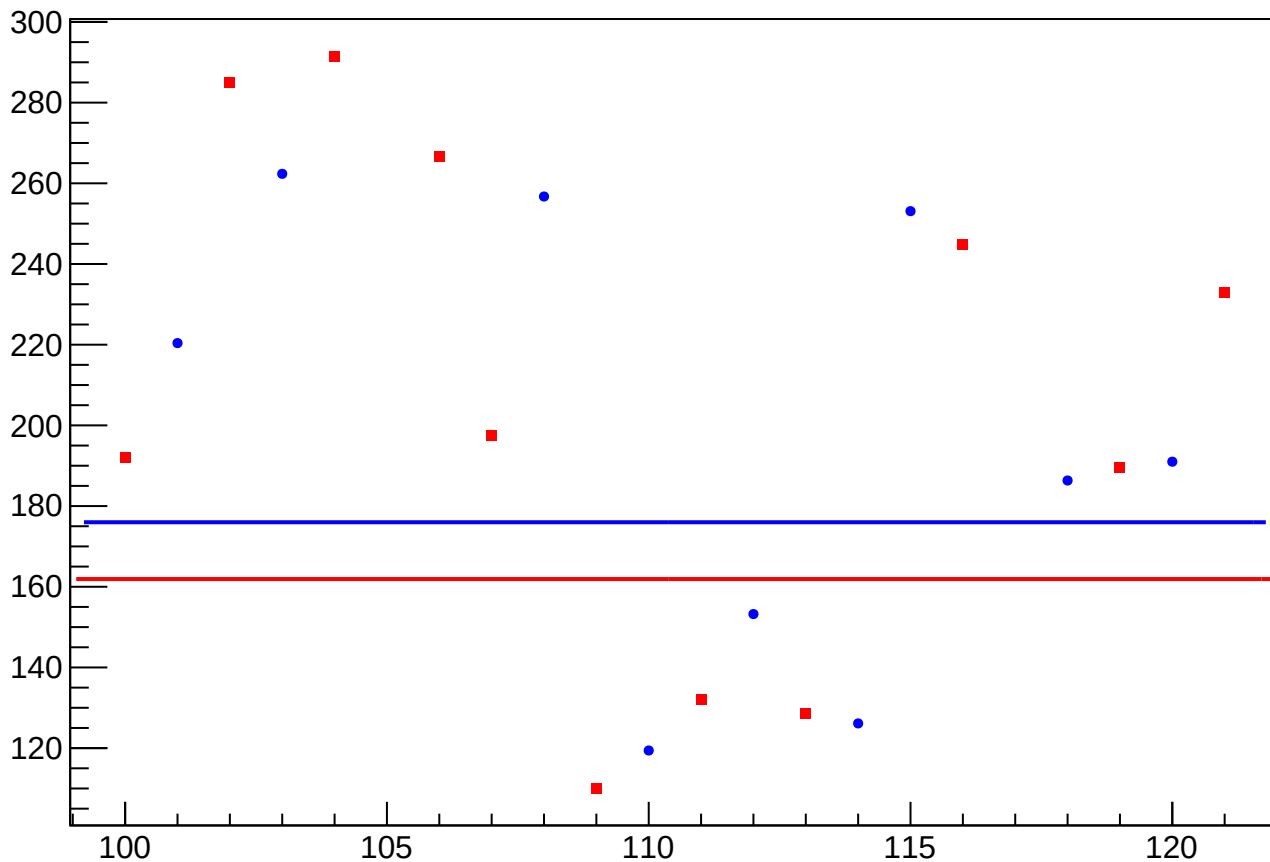
Right: -83.008+/-62.846 χ^2/NDF : 14.0/19

In: -48.379+/-96.644 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.008+/-62.846 χ^2/NDF : 14.0/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 175.991+/-0.068 χ^2/NDF : 507890.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.917+/-0.058 χ^2/NDF : 1022627.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

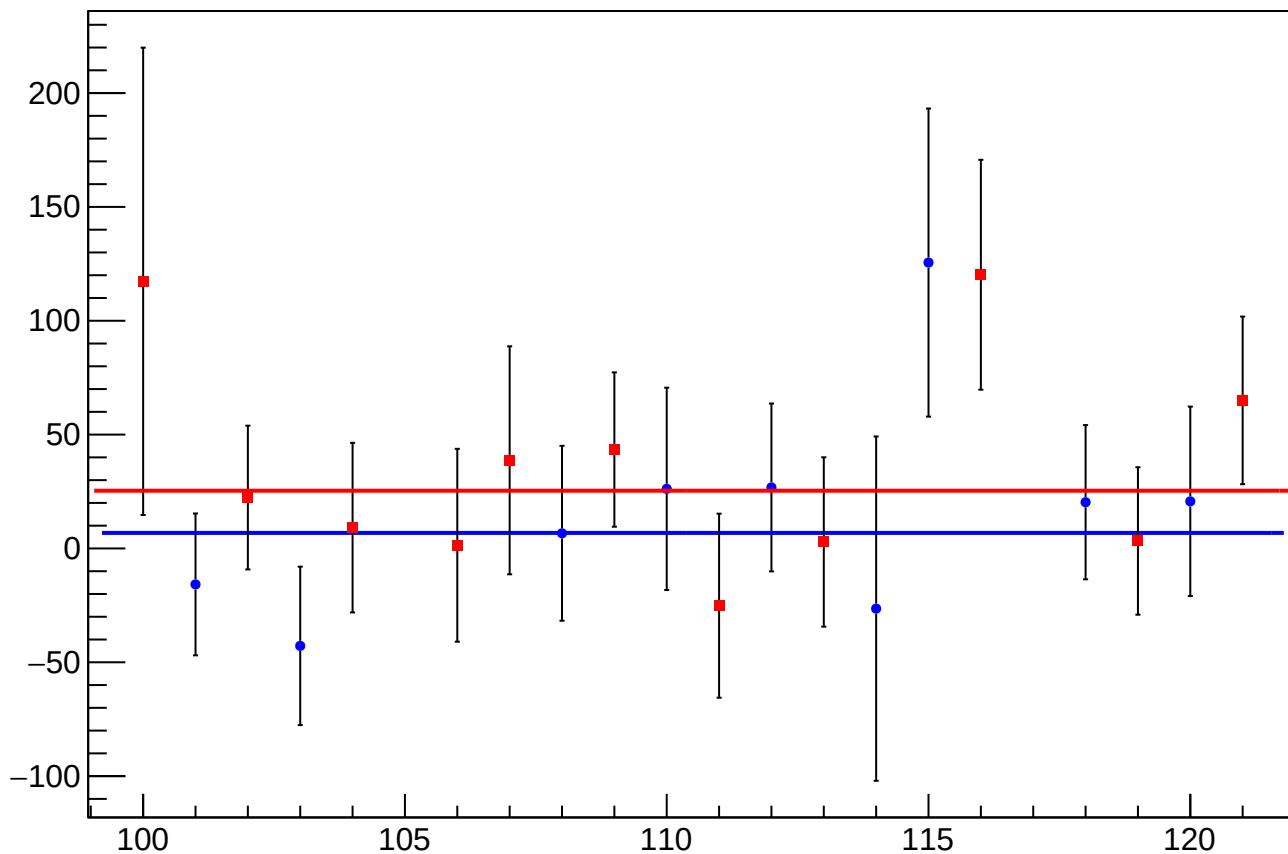
Right: 167.868+/-0.044 χ^2/NDF : 1554996.1/19

In: 175.991+/-0.068 χ^2/NDF : 507890.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.868+/-0.044 χ^2/NDF : 1554996.1/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.357+/-11.897 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

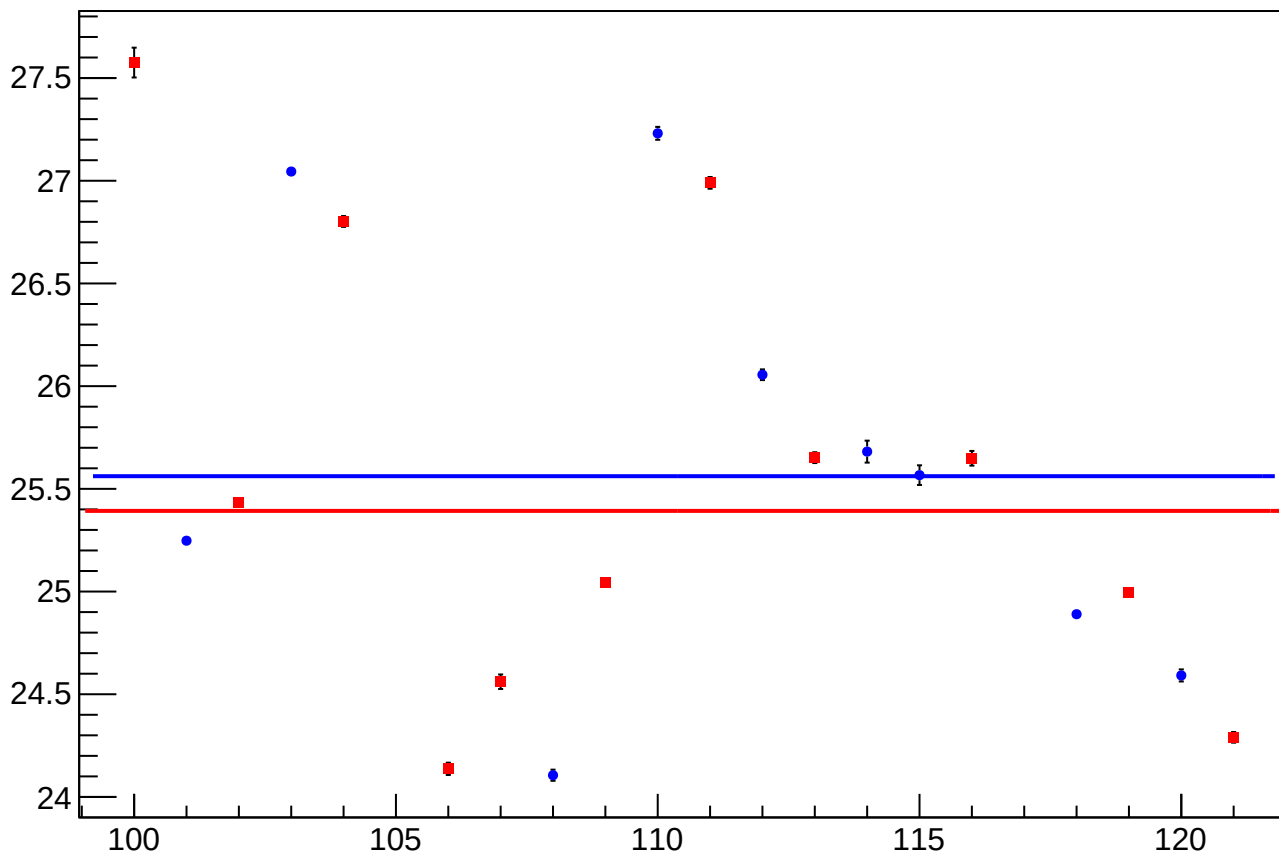
Right: 17.144+/-8.879 χ^2/NDF : 16.4/19

In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.144+/-8.879 χ^2/NDF : 16.4/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.562 $\pm$ 0.009 χ^2 /NDF: 11772.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.393 $\pm$ 0.008 χ^2 /NDF: 11661.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

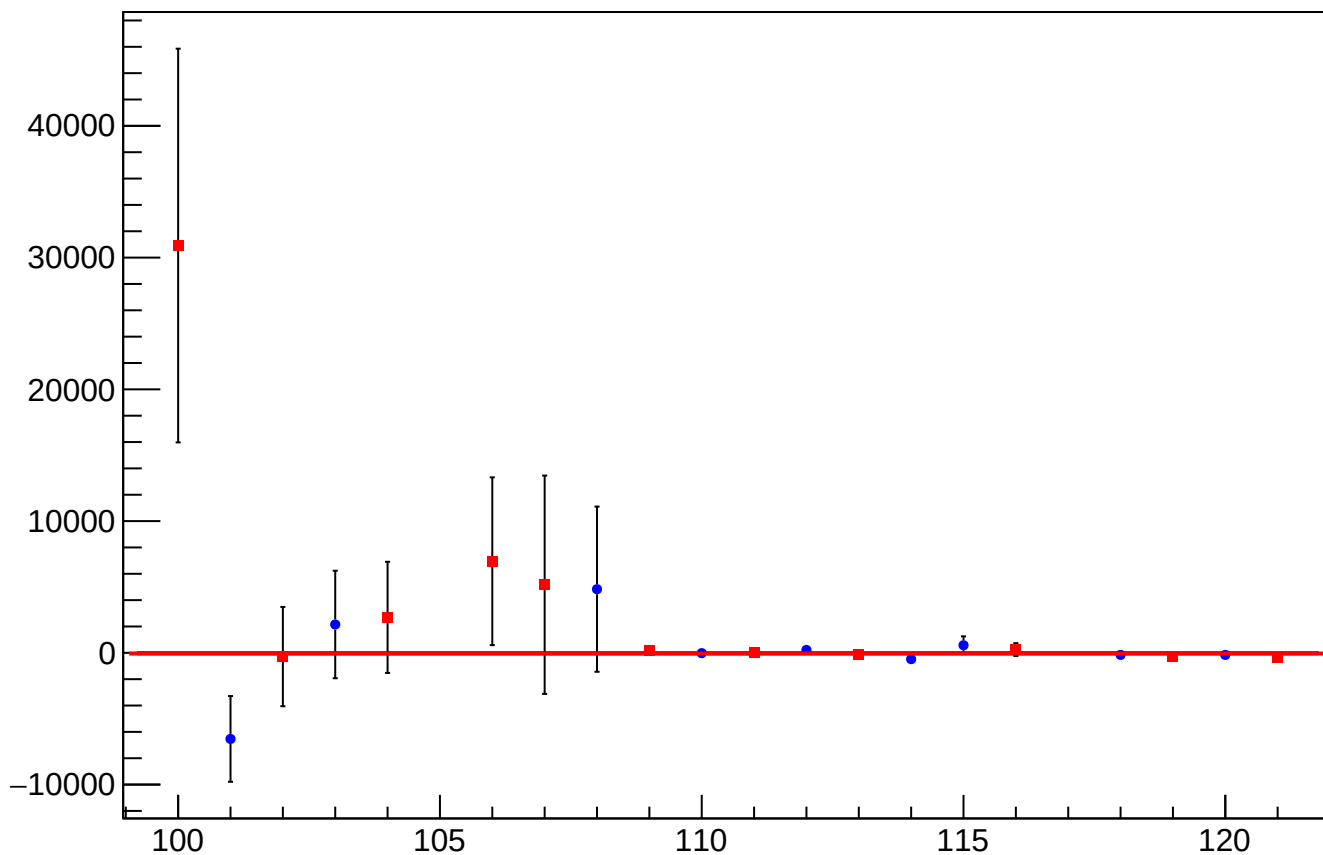
Right: 25.468 $\pm$ 0.006 χ^2 /NDF: 23612.3/19

In: 25.562 $\pm$ 0.009 χ^2 /NDF:11772.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.468 $\pm$ 0.006 χ^2 /NDF: 23612.3/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -31.222+/-111.099 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.381+/-98.030 χ^2/NDF : 10.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

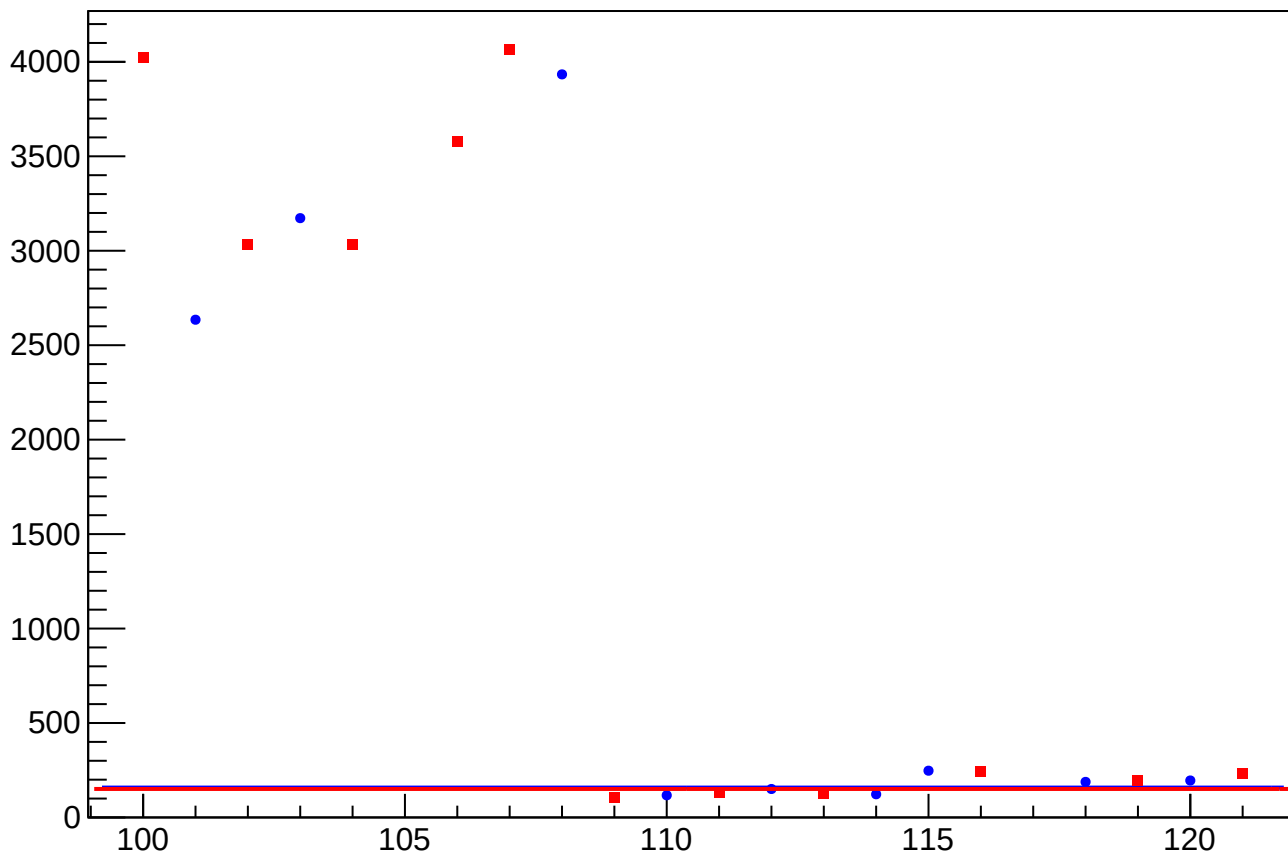
Right: -44.243+/-73.506 χ^2/NDF : 19.0/19

In: -31.222+/-111.099 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.243+/-73.506 χ^2/NDF : 19.0/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.117+/-0.079 χ^2/NDF : 3172375.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.871+/-0.069 χ^2/NDF : 3648355.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

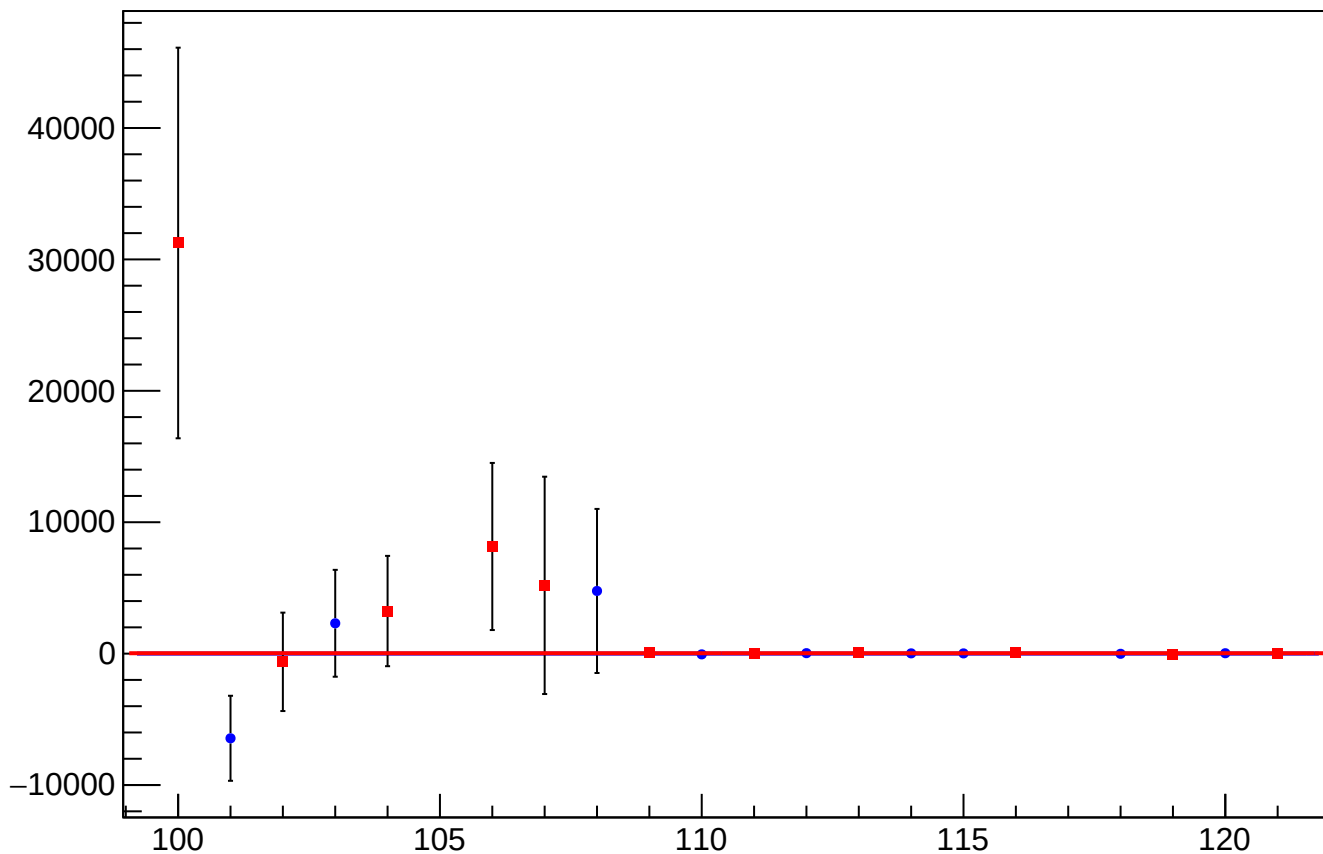
Right: 154.043+/-0.052 χ^2/NDF : 6825515.1/19

In: 158.117+/-0.079 χ^2/NDF : 3172375.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.043+/-0.052 χ^2/NDF : 6825515.1/19

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.802+/-19.538 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.208+/-17.527 χ^2/NDF : 19.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

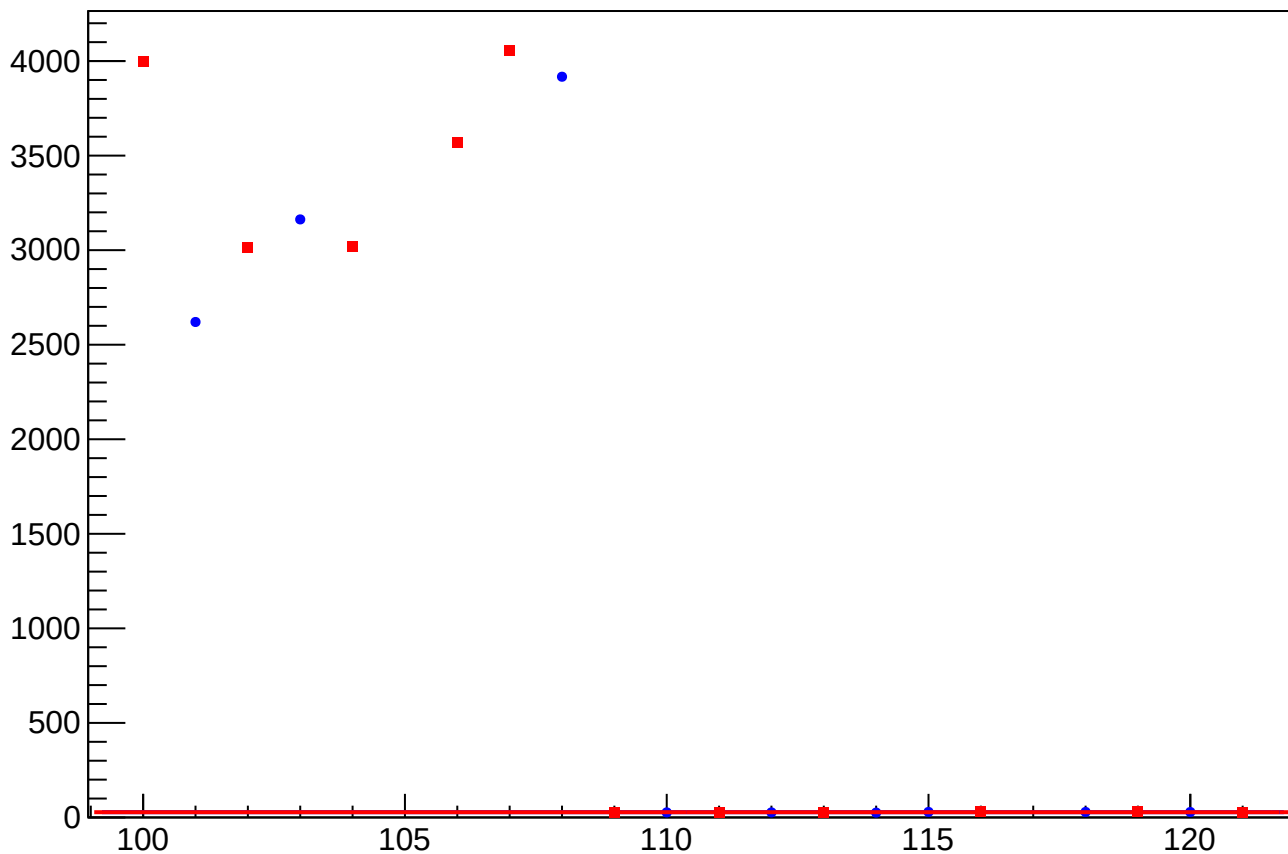
Right: 18.542+/-13.047 χ^2/NDF : 28.5/19

In: 2.802+/-19.538 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.542+/-13.047 χ^2/NDF : 28.5/19

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.961+/-0.014 χ^2/NDF : 3256617.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.728+/-0.012 χ^2/NDF : 3549397.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

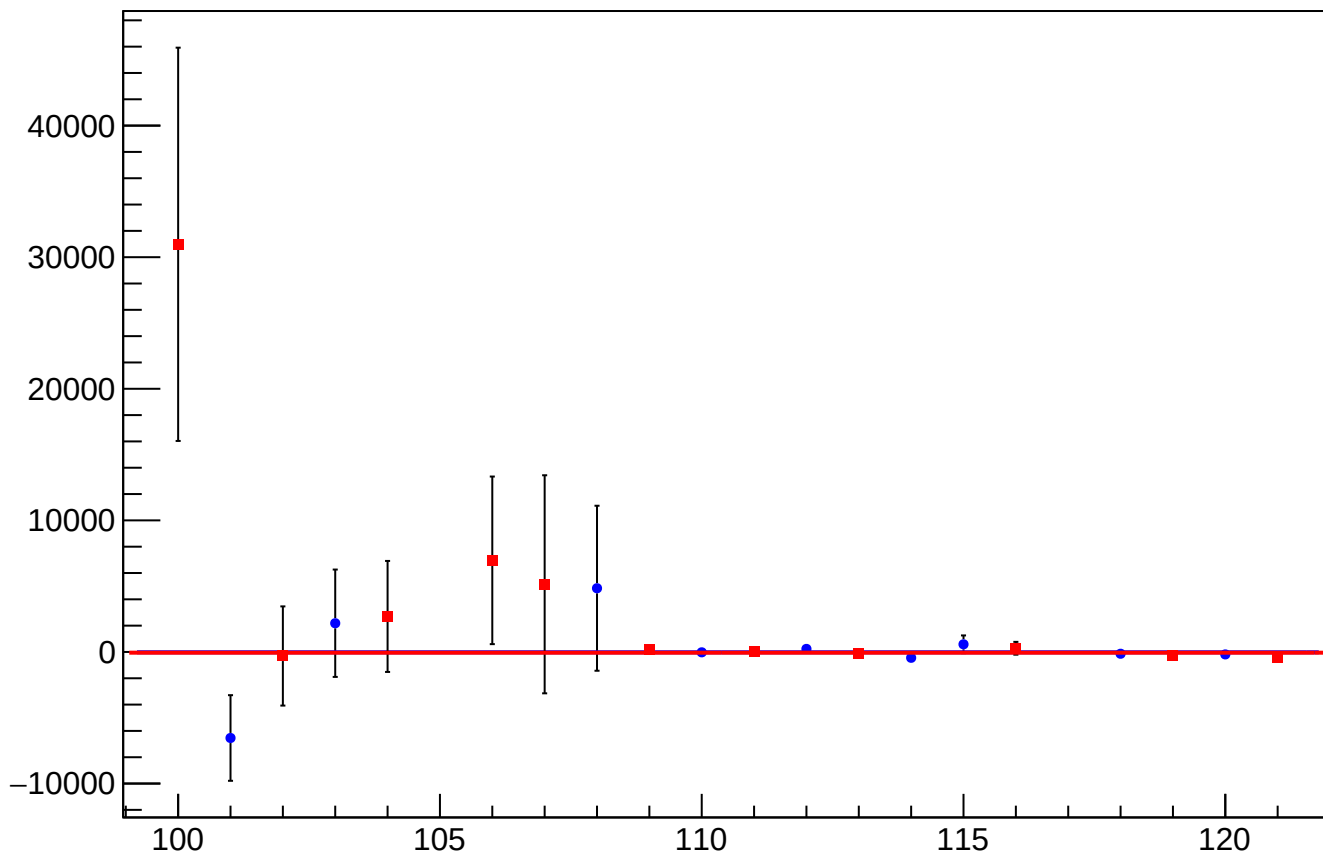
Right: 27.832+/-0.009 χ^2/NDF : 6806172.5/19

In: 27.961+/-0.014 χ^2/NDF : 3256617.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.832+/-0.009 χ^2/NDF : 6806172.5/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -24.780 $\pm$ 110.656 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.936 $\pm$ 97.614 χ^2 /NDF: 10.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

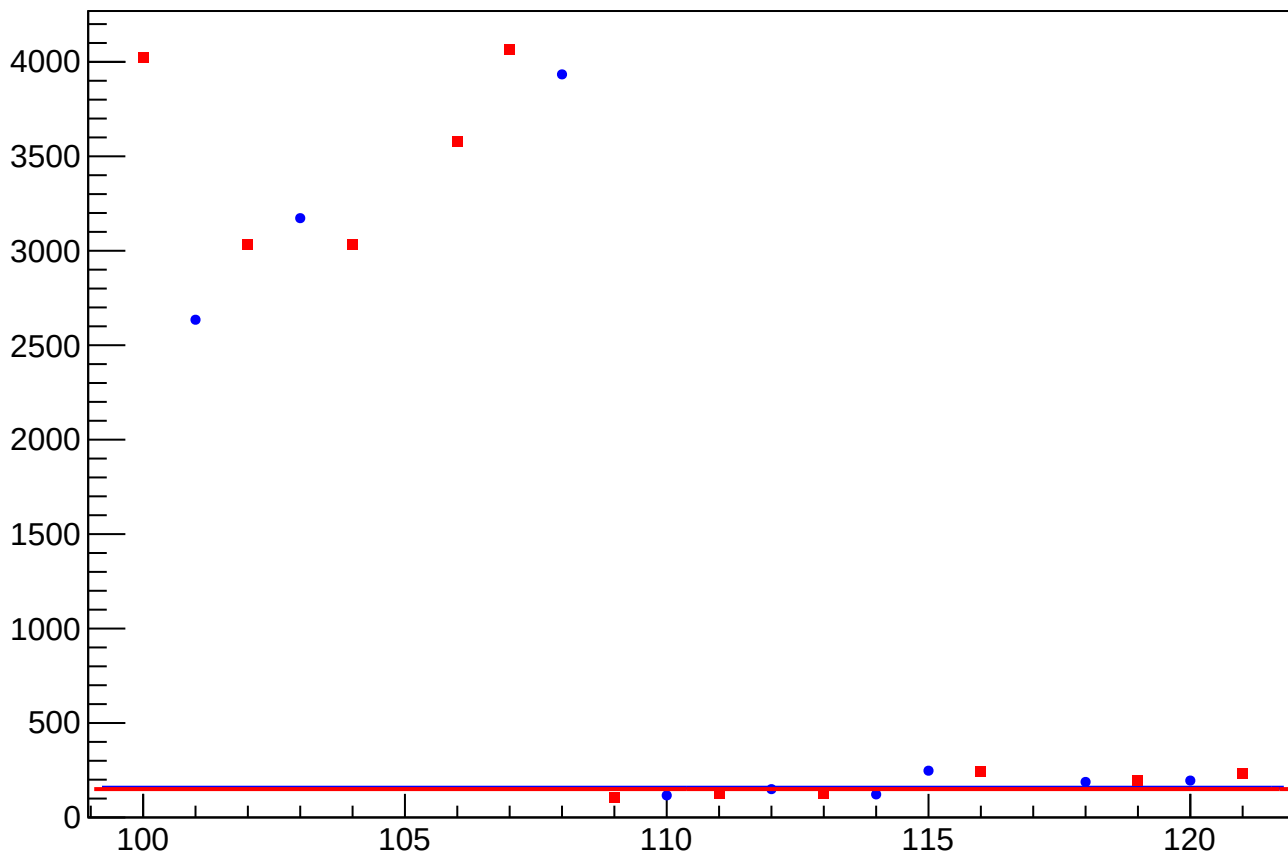
Right: -42.302 $\pm$ 73.202 χ^2 /NDF: 19.2/19

In: -24.780 $\pm$ 110.656 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.302 $\pm$ 73.202 χ^2 /NDF: 19.2/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 157.401+/-0.078 χ^2/NDF : 3176628.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 150.124+/-0.069 χ^2/NDF : 3654638.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

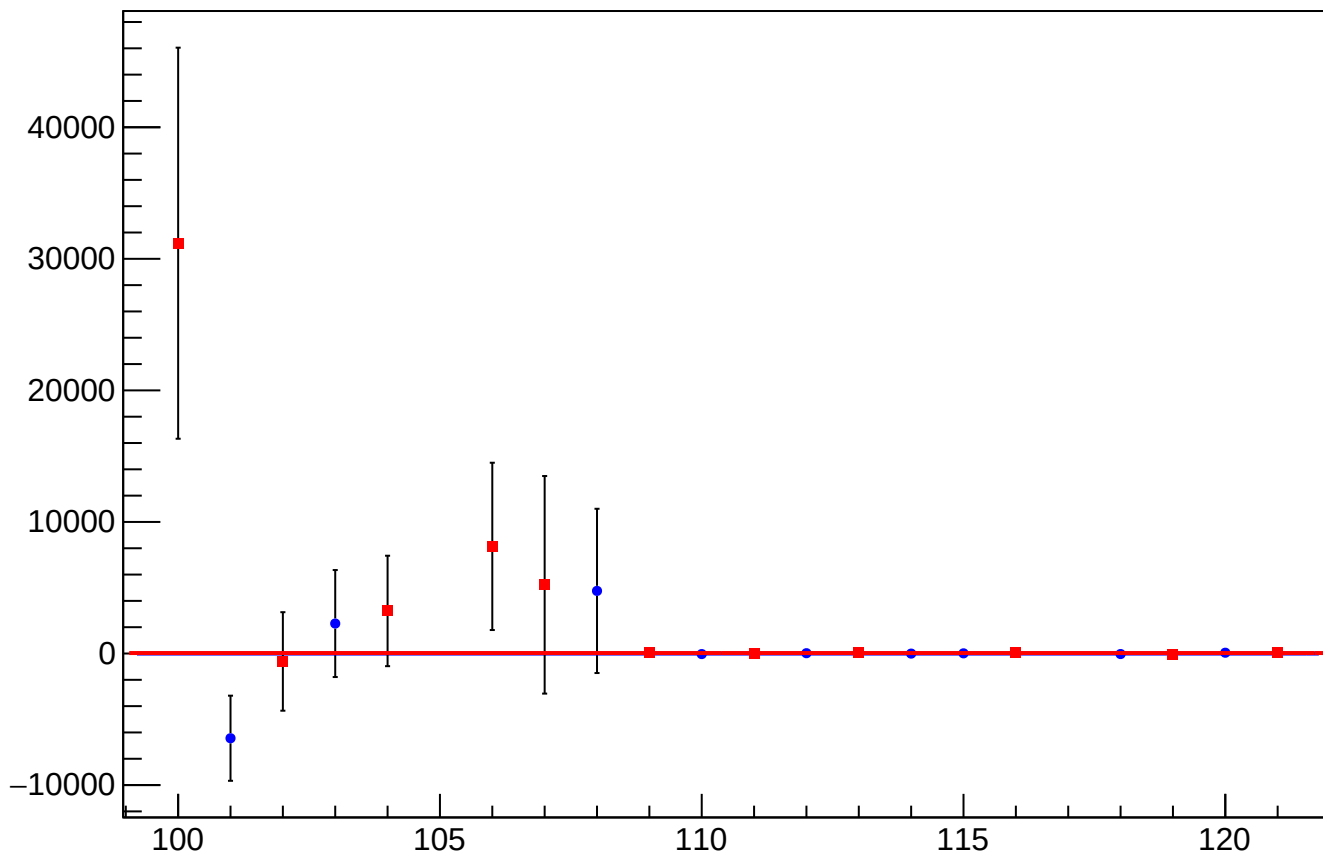
Right: 153.309+/-0.052 χ^2/NDF : 6836131.1/19

In: 157.401+/-0.078 χ^2/NDF :3176628.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.309+/-0.052 χ^2/NDF : 6836131.1/19

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.532+/-17.645 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

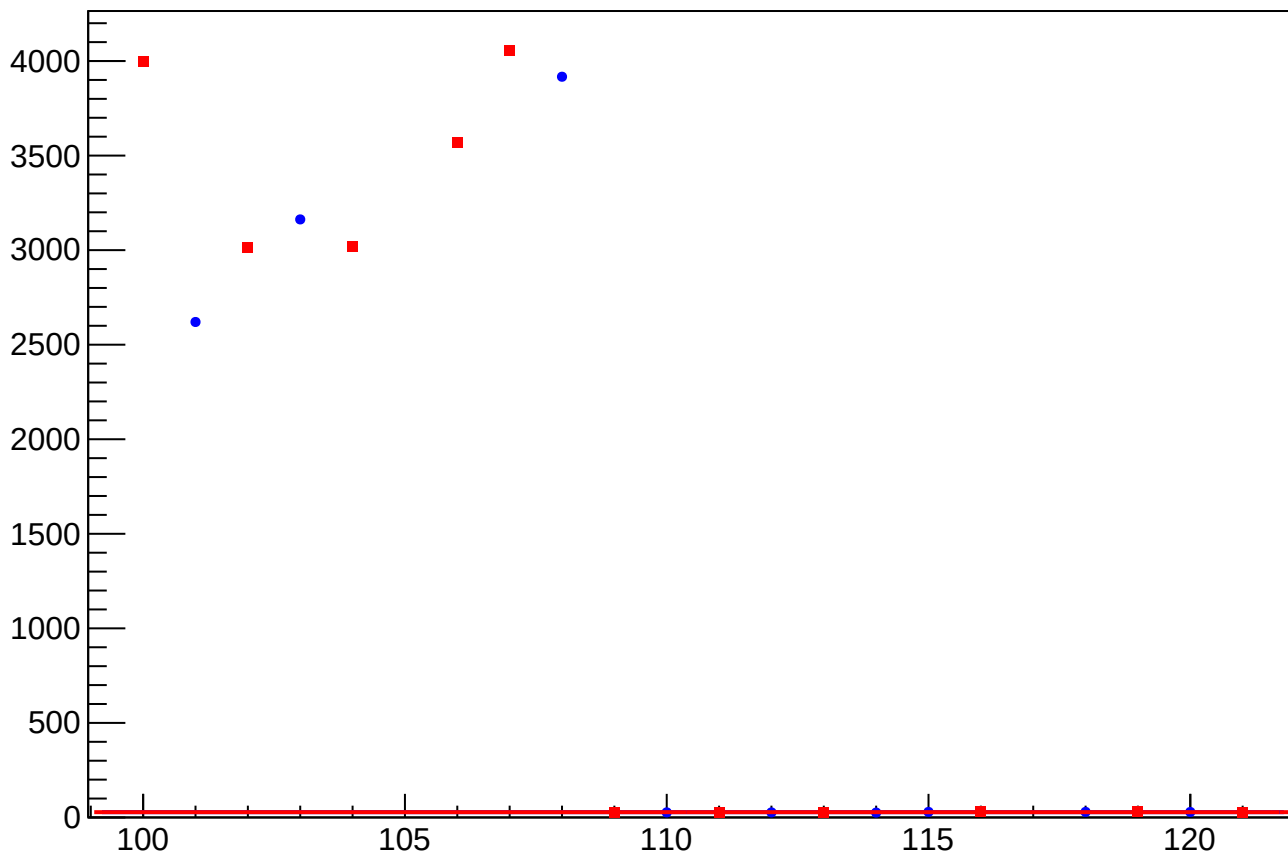
Right: 18.770+/-13.121 χ^2/NDF : 26.6/19

In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.770+/-13.121 χ^2/NDF : 26.6/19

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.080 $\pm$ 0.014 χ^2 /NDF: 3257394.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.910 $\pm$ 0.012 χ^2 /NDF: 3551171.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

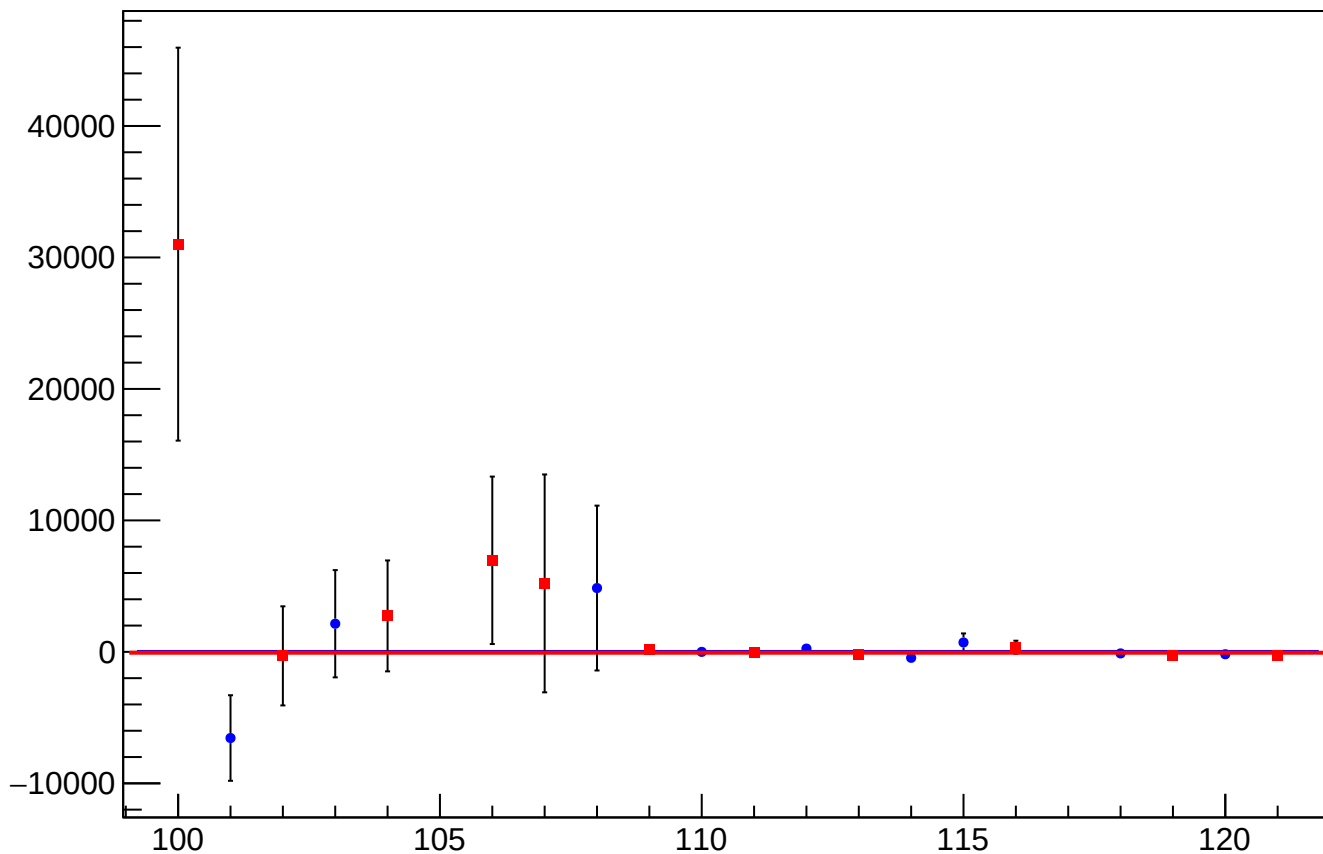
Right: 27.986 $\pm$ 0.009 χ^2 /NDF: 6808648.6/19

In: 28.080 $\pm$ 0.014 χ^2 /NDF:3257394.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.986 $\pm$ 0.009 χ^2 /NDF: 6808648.6/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -6.038+/-112.437 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.199+/-99.352 χ^2/NDF : 10.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

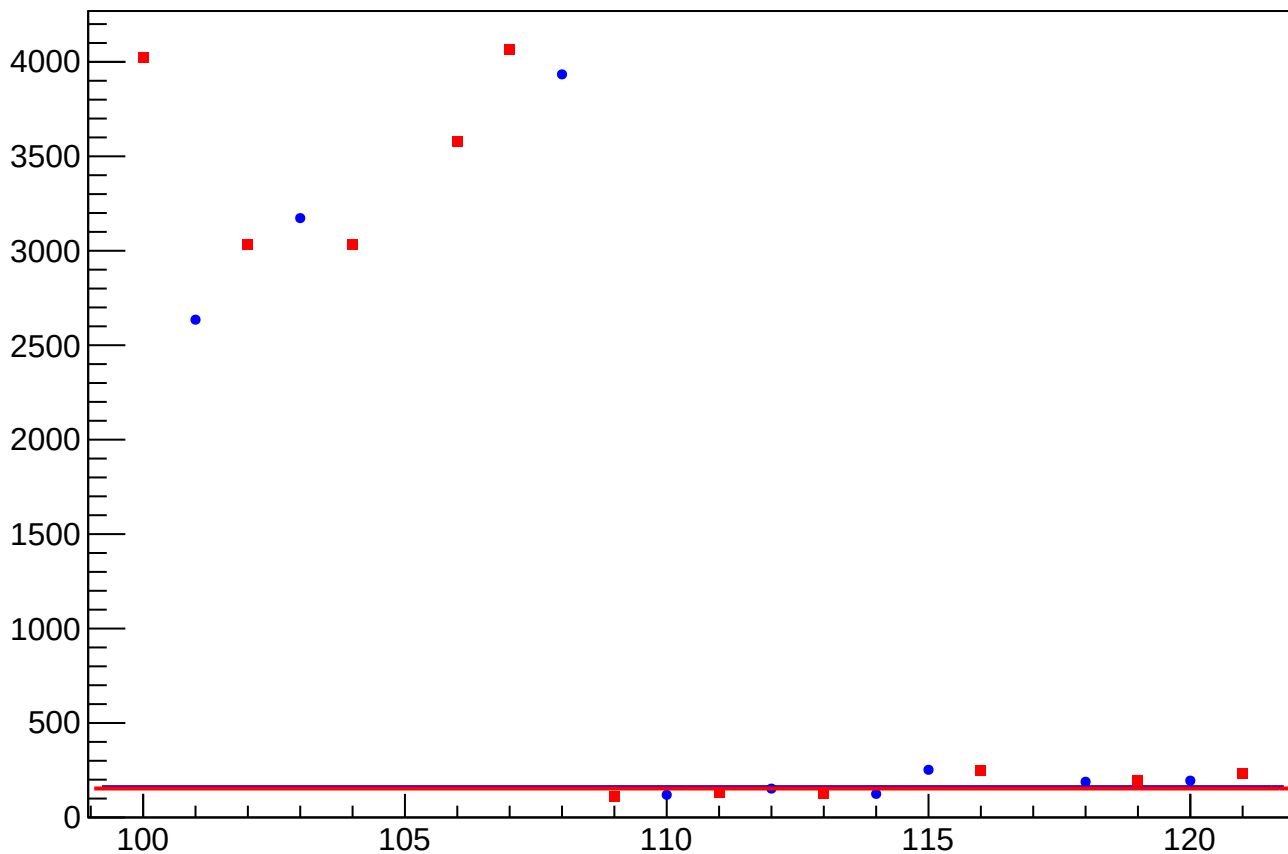
Right: -38.698+/-74.451 χ^2/NDF : 19.6/19

In: -6.038+/-112.437 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.698+/-74.451 χ^2/NDF : 19.6/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 160.345+/-0.080 χ^2/NDF : 3157523.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.322+/-0.070 χ^2/NDF : 3626972.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

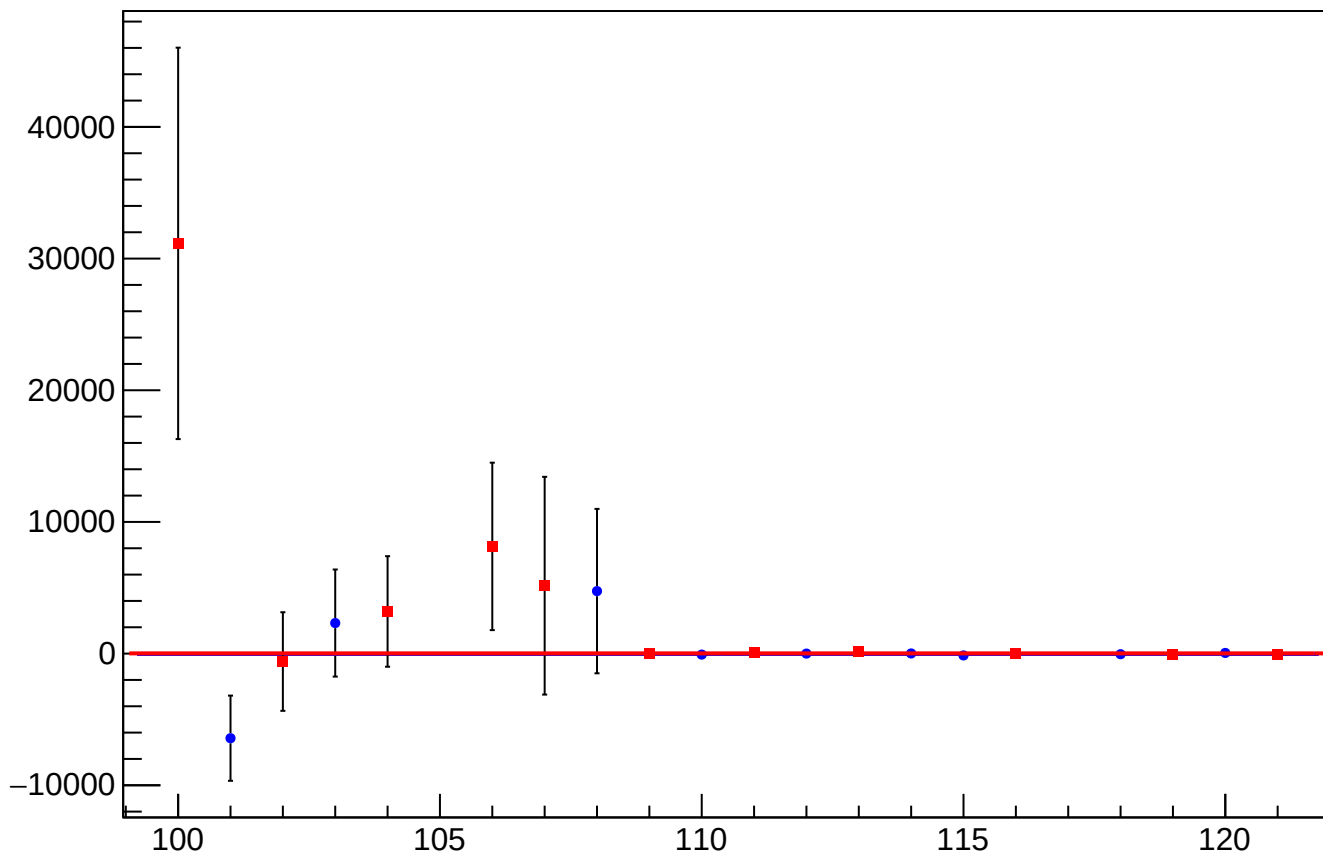
Right: 156.401+/-0.053 χ^2/NDF : 6788877.6/19

In: 160.345+/-0.080 χ^2/NDF : 3157523.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.401+/-0.053 χ^2/NDF : 6788877.6/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -26.120+/-23.921 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.374+/-21.436 χ^2/NDF : 19.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

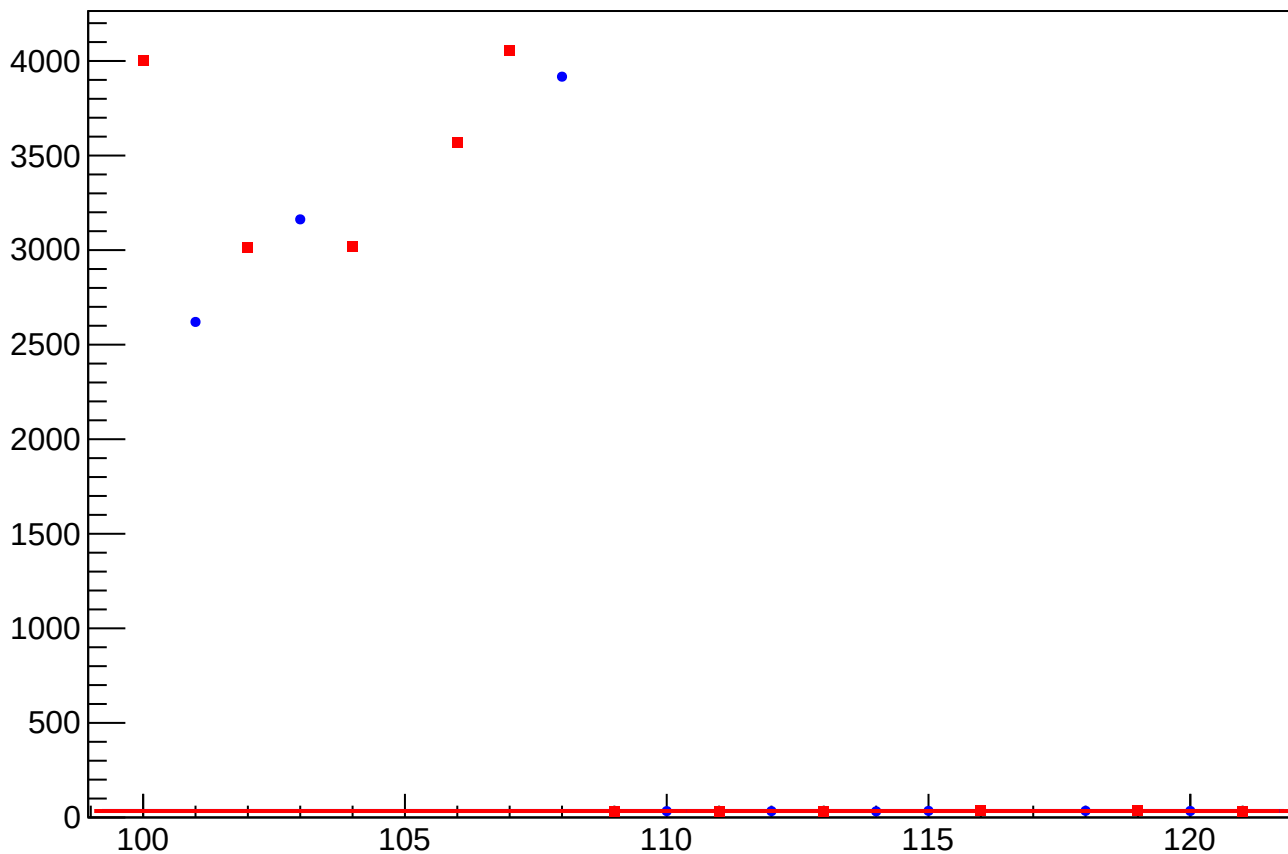
Right: -2.552+/-15.964 χ^2/NDF : 30.8/19

In: -26.120+/-23.921 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.552+/-15.964 χ^2/NDF : 30.8/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.330 $\pm$ 0.017 χ^2 /NDF: 3237356.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.015 $\pm$ 0.015 χ^2 /NDF: 3523607.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

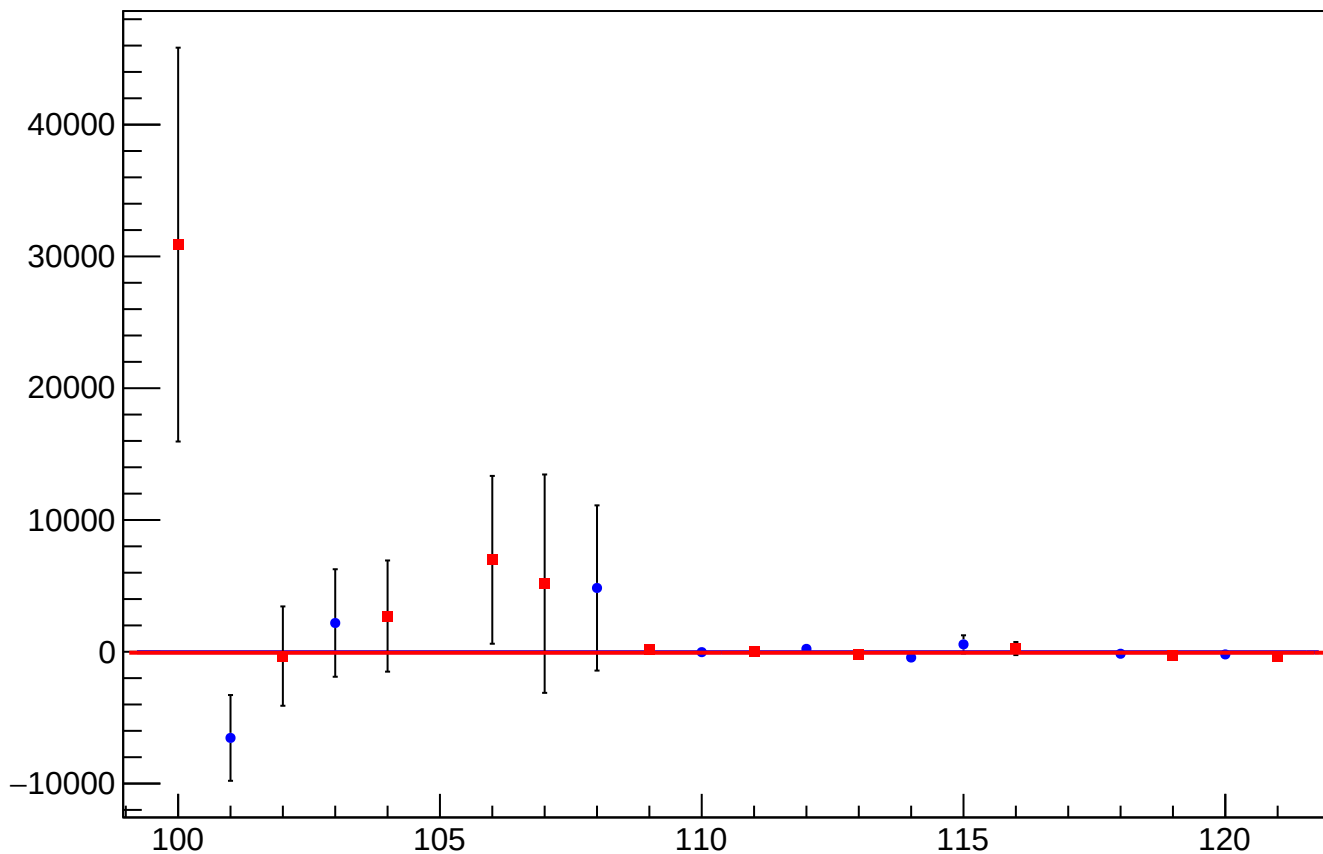
Right: 34.155 $\pm$ 0.011 χ^2 /NDF: 6761157.1/19

In: 34.330 $\pm$ 0.017 χ^2 /NDF:3237356.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.155 $\pm$ 0.011 χ^2 /NDF: 6761157.1/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.235+/-98.534 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

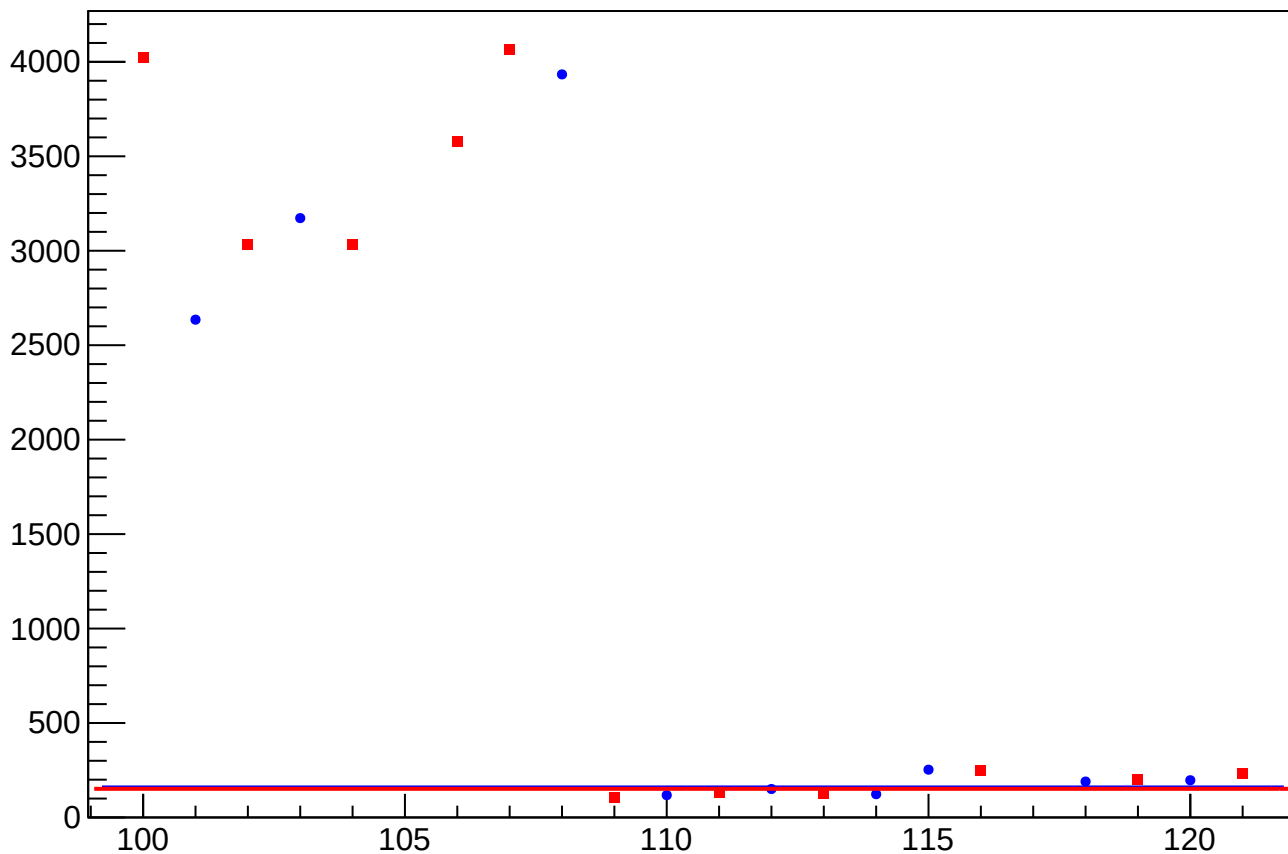
Right: -53.915+/-73.872 χ^2/NDF : 18.7/19

In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.915+/-73.872 χ^2/NDF : 18.7/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.837+/-0.079 χ^2/NDF : 3175197.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.614+/-0.070 χ^2/NDF : 3653161.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

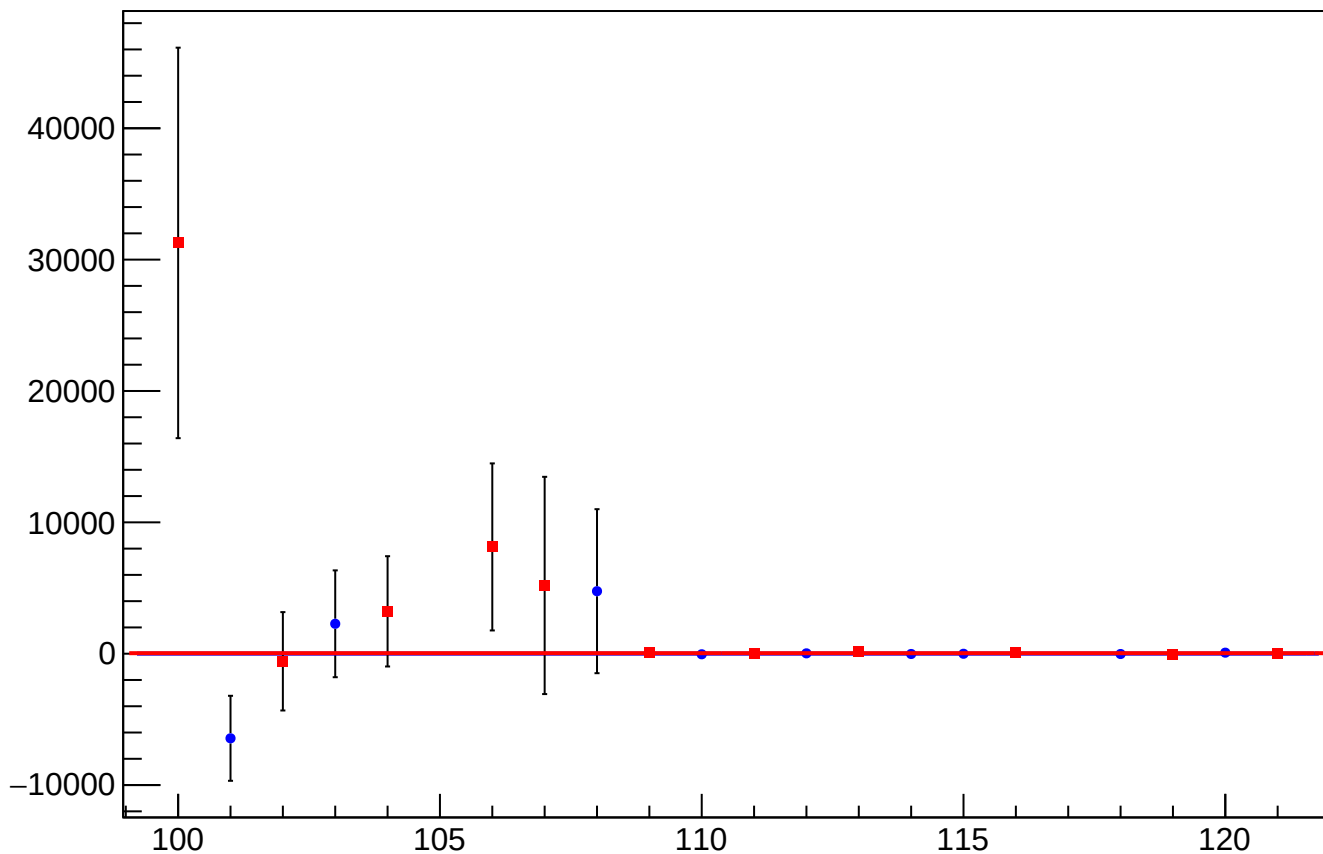
Right: 154.777+/-0.052 χ^2/NDF : 6833066.0/19

In: 158.837+/-0.079 χ^2/NDF : 3175197.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.777+/-0.052 χ^2/NDF : 6833066.0/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.981+/-19.730 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

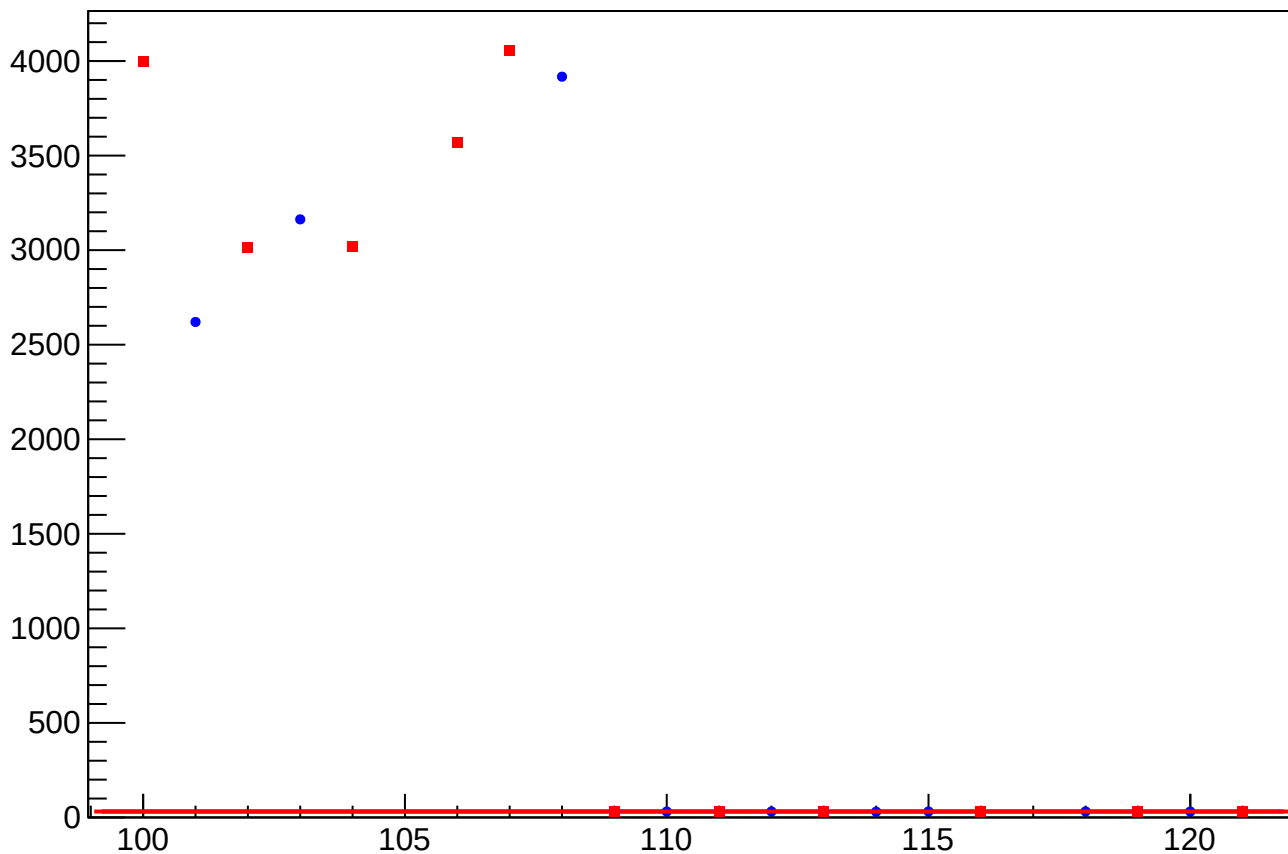
Right: 24.328+/-14.712 χ^2/NDF : 29.8/19

In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.328+/-14.712 χ^2/NDF : 29.8/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.668 $\pm$ 0.016 χ^2 /NDF: 3241348.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.283 $\pm$ 0.014 χ^2 /NDF: 3529348.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

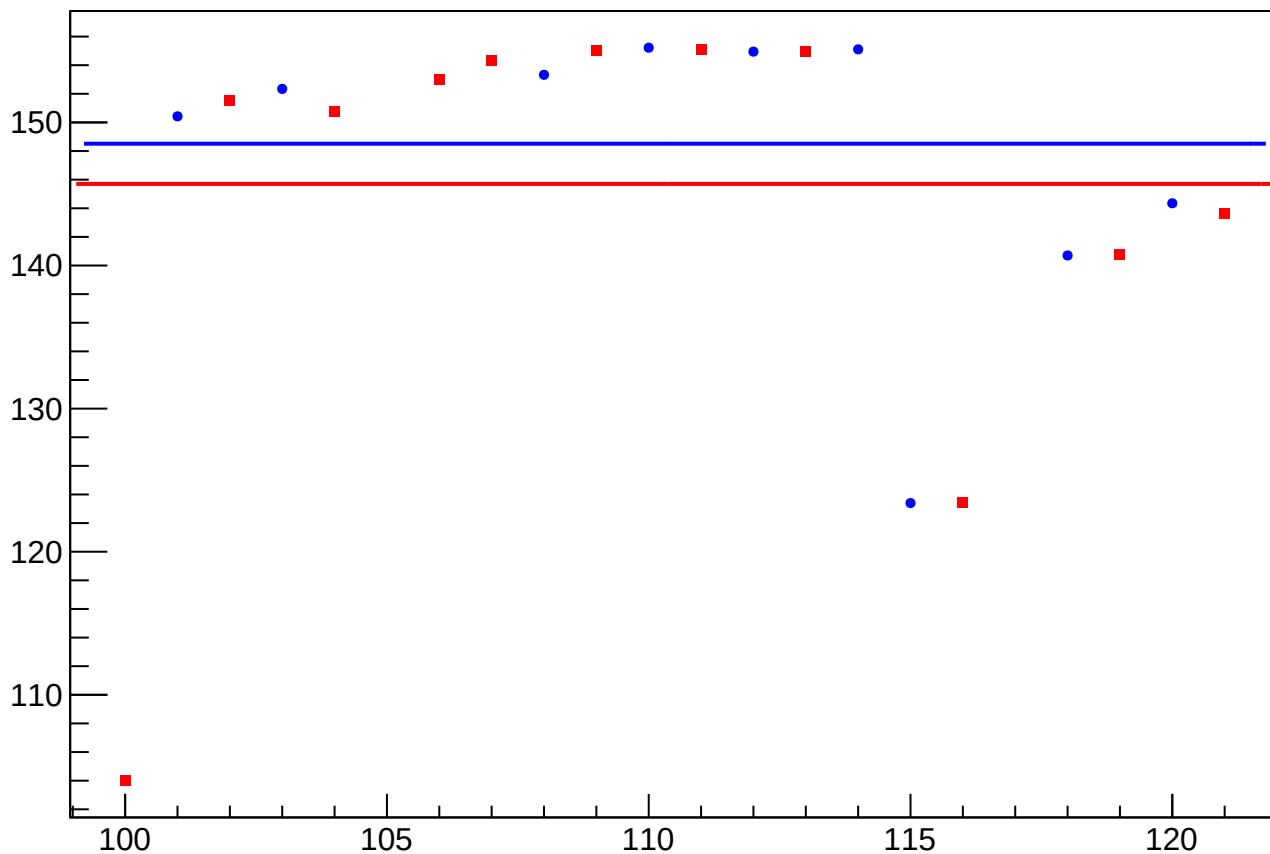
Right: 31.454 $\pm$ 0.010 χ^2 /NDF: 6771034.0/19

In: 31.668 $\pm$ 0.016 χ^2 /NDF: 3241348.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

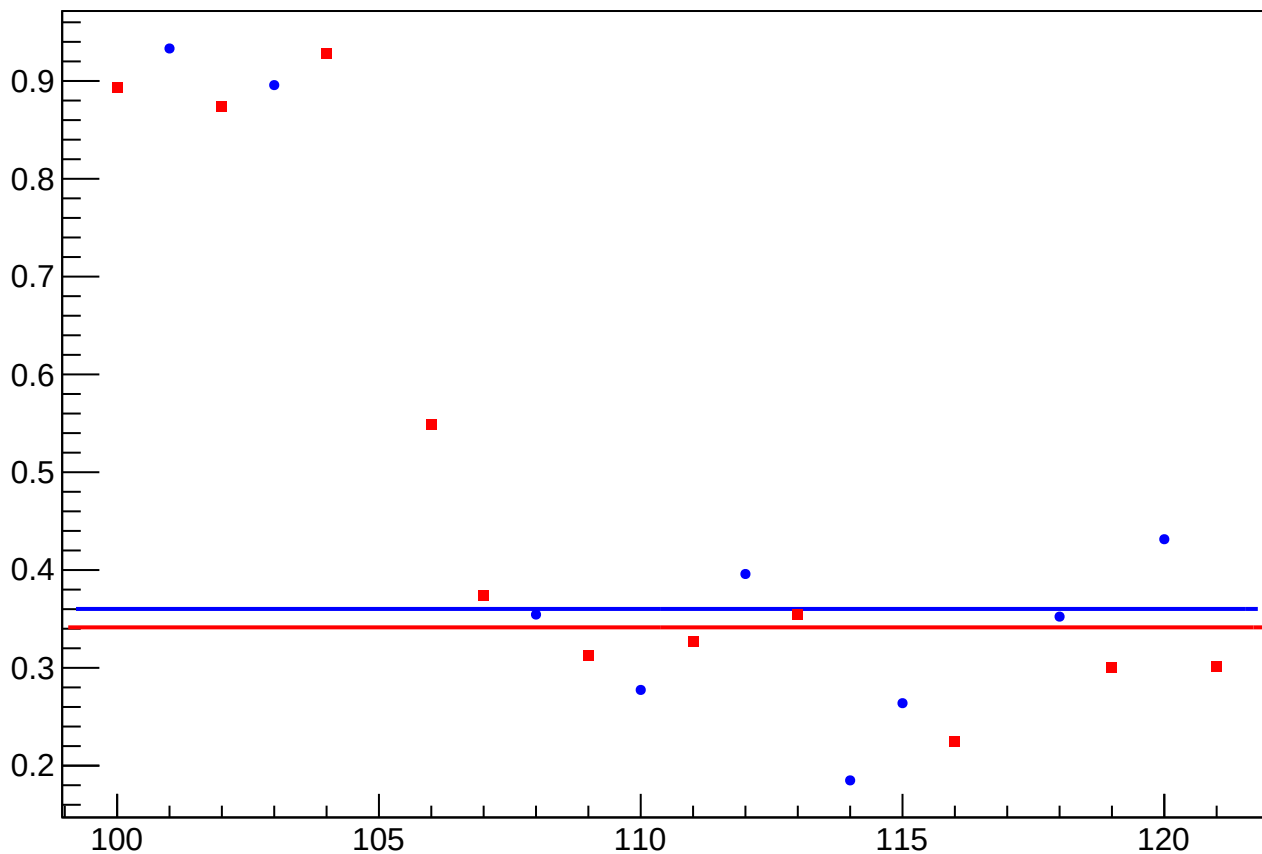
All: 31.454 $\pm$ 0.010 χ^2 /NDF: 6771034.0/19

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 148.513+/-0.000 χ^2/NDF : 1942618344.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.703+/-0.000 χ^2/NDF : 3915893093.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146.864+/-0.000 χ^2/NDF : 5956524717.1/19

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1182690.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.341+/-0.000 χ^2/NDF : 1175747.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

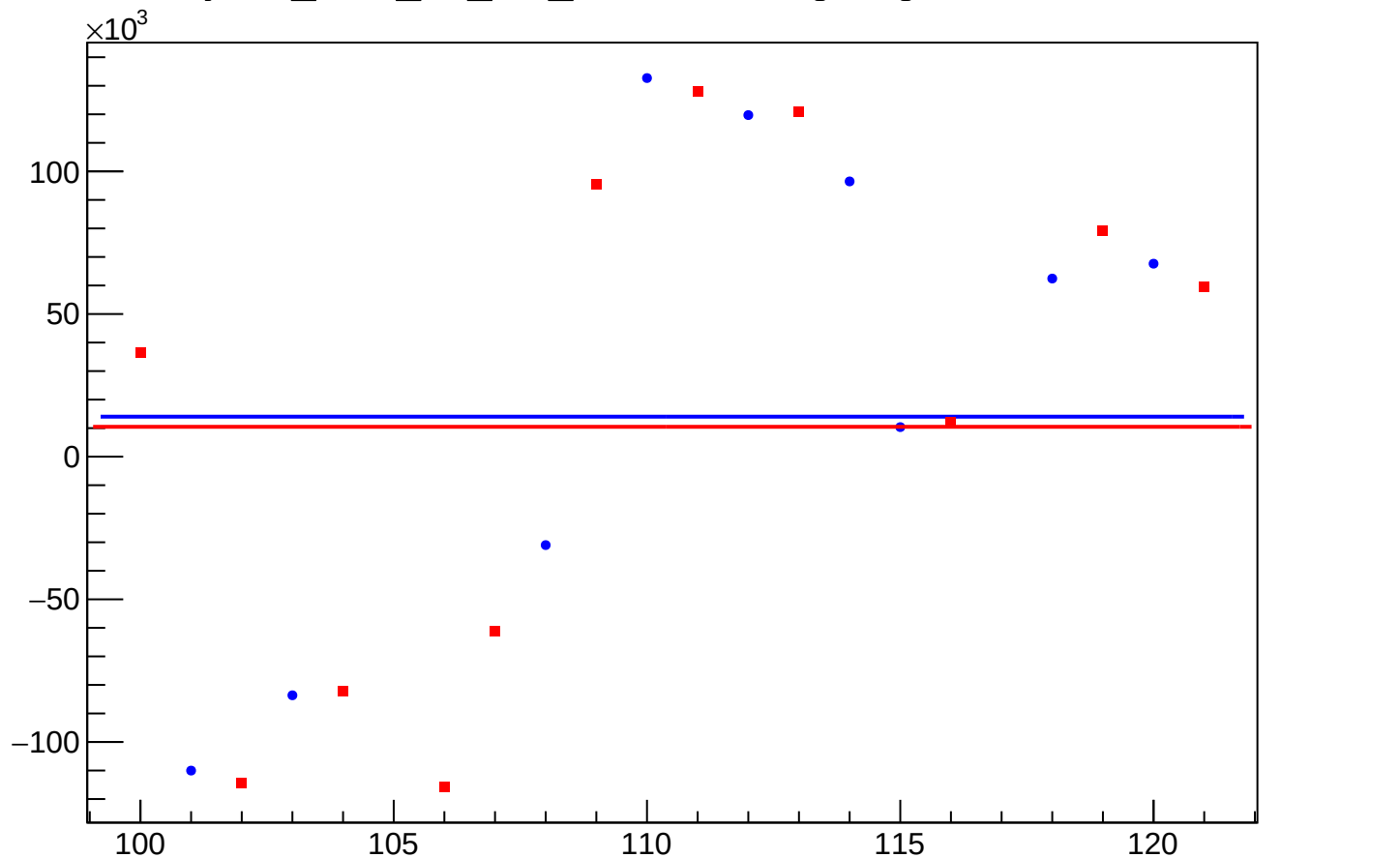
Right: 0.349+/-0.000 χ^2/NDF : 2367243.5/19

In: 0.360+/-0.000 χ^2/NDF :1182690.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.349+/-0.000 χ^2/NDF : 2367243.5/19

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 14023.226+/-2.877 χ^2/NDF : 989093797.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10469.151+/-2.427 χ^2/NDF : 1540272124.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

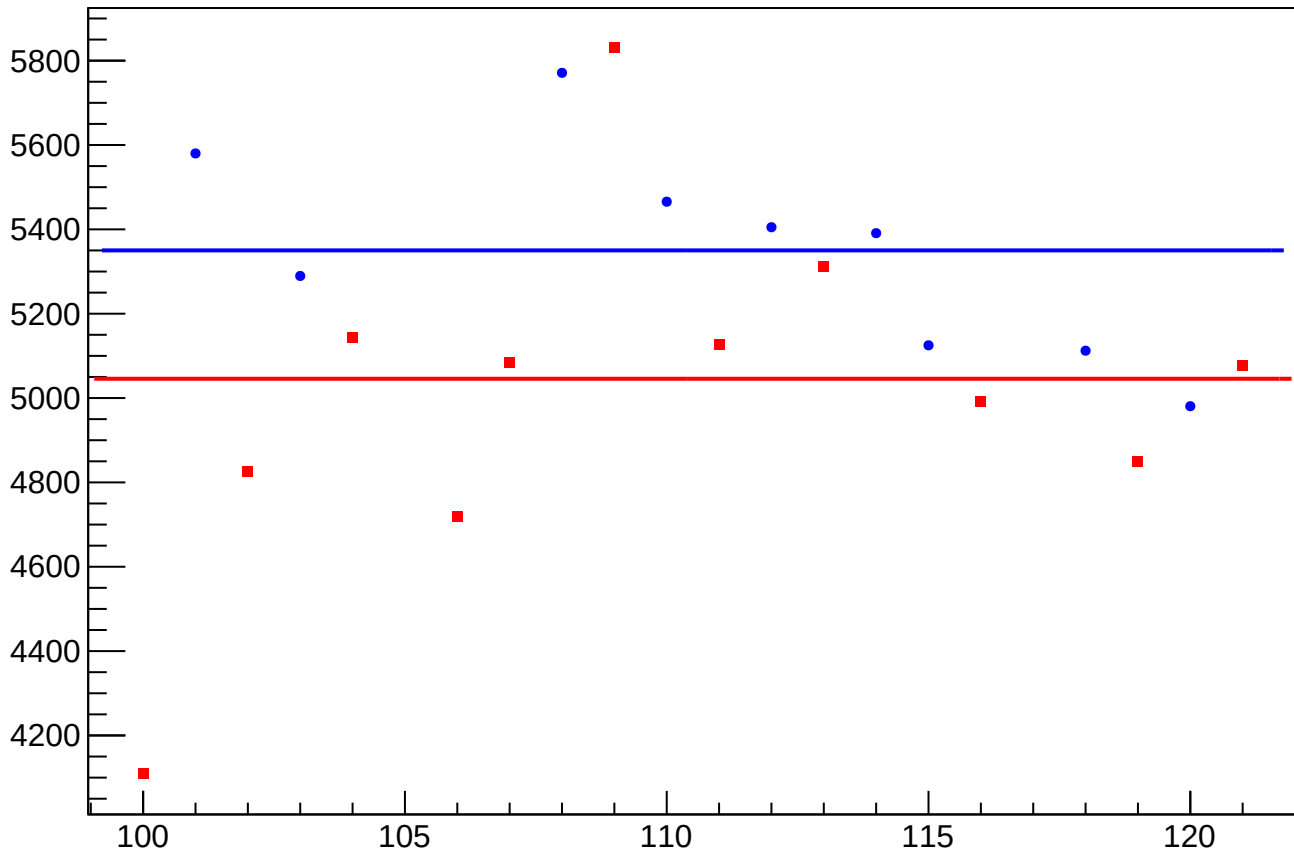
Right: 11946.491+/-1.855 χ^2/NDF : 2530257575.4/1

In: 14023.226+/-2.877 χ^2/NDF :989093797.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11946.491+/-1.855 χ^2/NDF : 2530257575.4/1

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5350.136+/-2.034 χ^2/NDF : 12810.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5045.766+/-1.716 χ^2/NDF : 36169.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

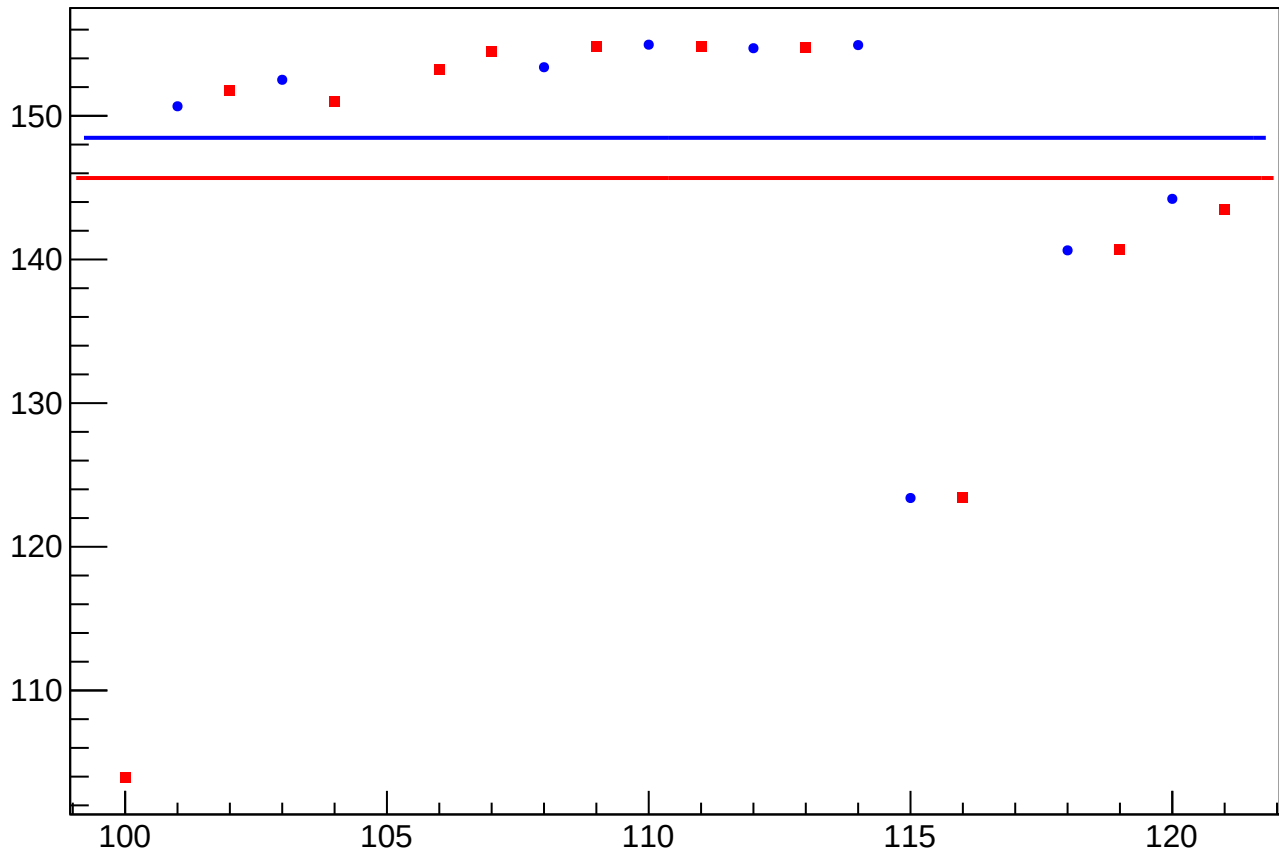
Right: 5172.285+/-1.312 χ^2/NDF : 62058.5/19

In: 5350.136+/-2.034 χ^2/NDF : 12810.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

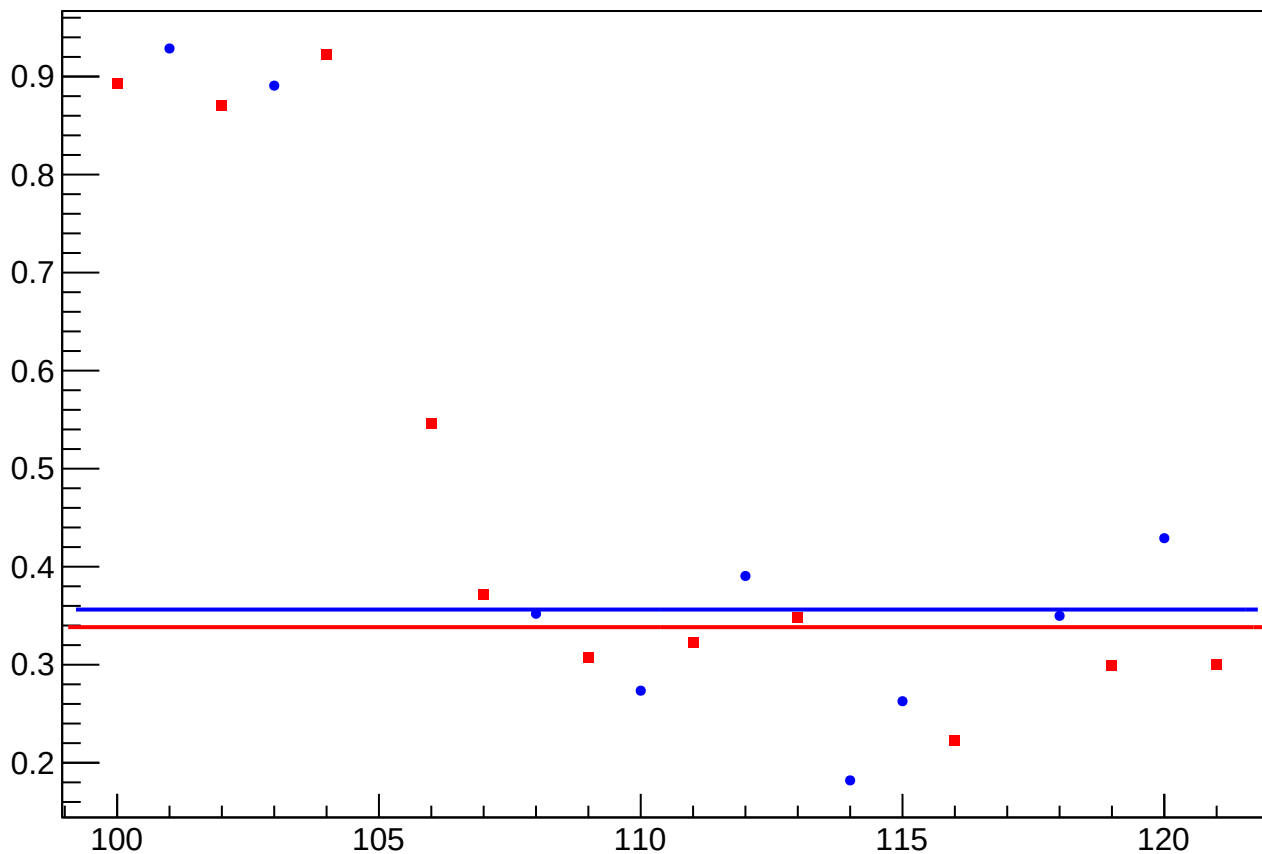
All: 5172.285+/-1.312 χ^2/NDF : 62058.5/19

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 148.470+/-0.000 χ^2/NDF : 1947419821.5/8
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 146.829+/-0.000 χ^2/NDF : 5985743004.1/19
 Right Out: 145.671+/-0.000 χ^2/NDF : 3939195342.1/10
 In: 148.470+/-0.000 χ^2/NDF : 1947419821.5/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146.829+/-0.000 χ^2/NDF : 5985743004.1

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.356+/-0.000 χ^2/NDF : 1192872.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.338+/-0.000 χ^2/NDF : 1177874.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

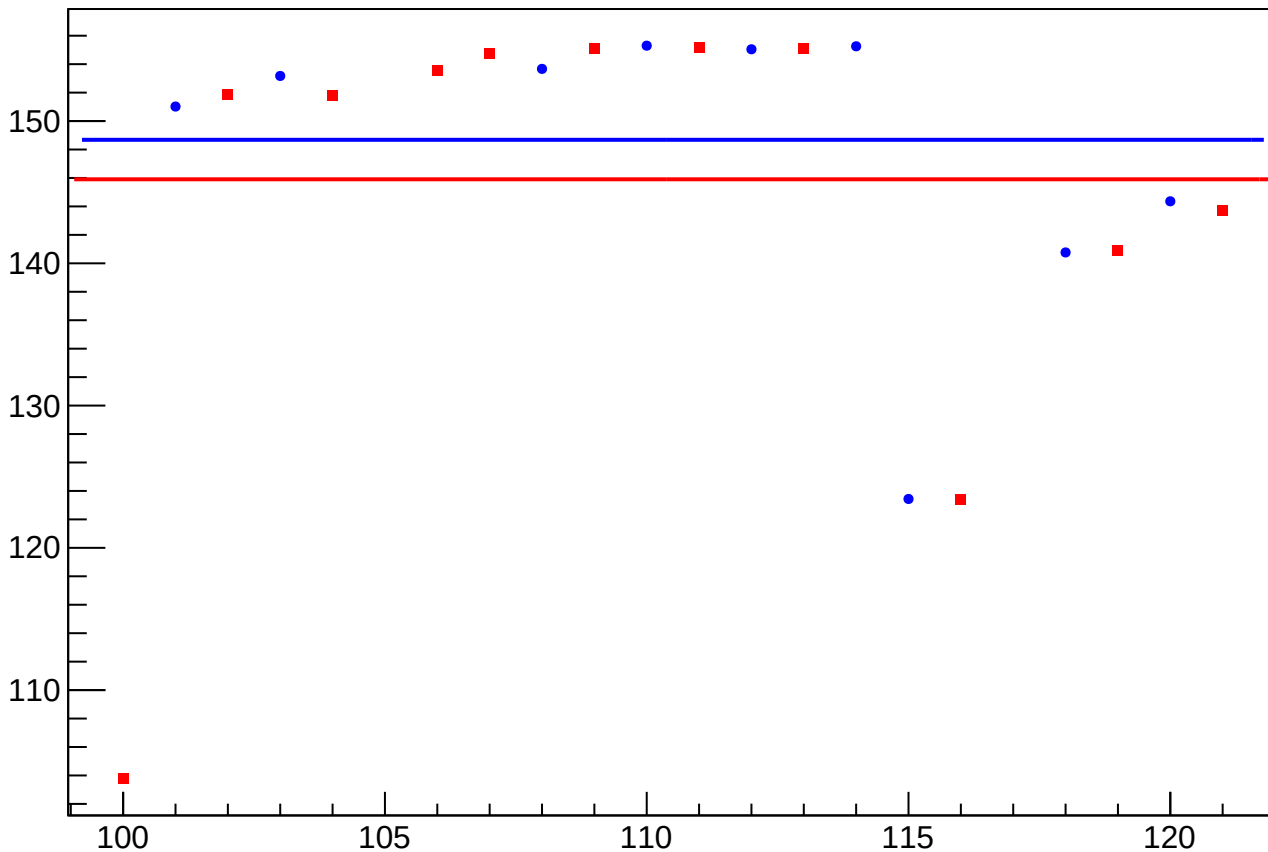
Right: 0.346+/-0.000 χ^2/NDF : 2378913.8/19

In: 0.356+/-0.000 χ^2/NDF : 1192872.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

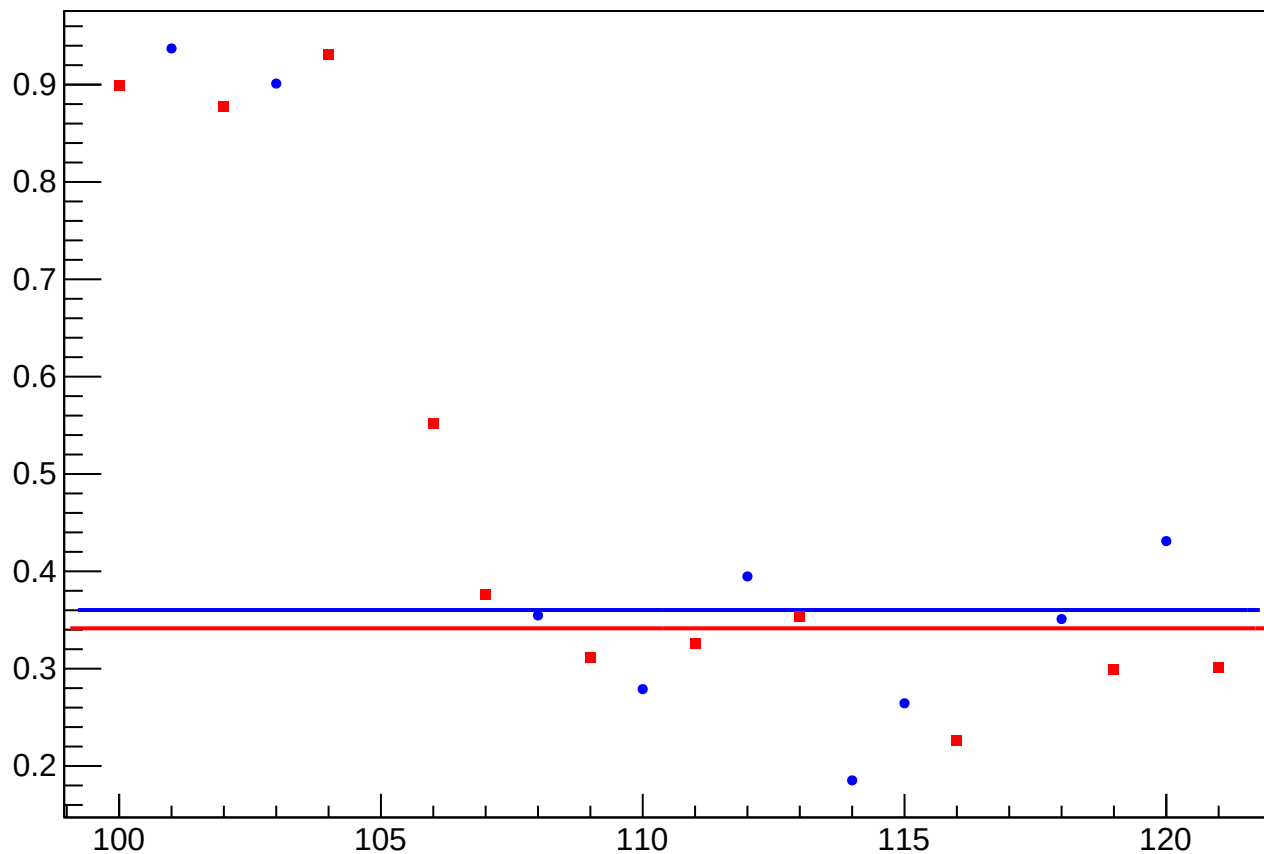
All: 0.346+/-0.000 χ^2/NDF : 2378913.8/19

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 148.683 $\pm$ 0.000 χ^2 /NDF: 1958140541.8/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 145.906 $\pm$ 0.000 χ^2 /NDF: 3922020660.6/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 147.053 $\pm$ 0.000 χ^2 /NDF: 5975844625.3/19
 In: 148.683 $\pm$ 0.000 χ^2 /NDF: 1958140541.8/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 147.053 $\pm$ 0.000 χ^2 /NDF: 5975844625.3

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1184816.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.341+/-0.000 χ^2/NDF : 1177321.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

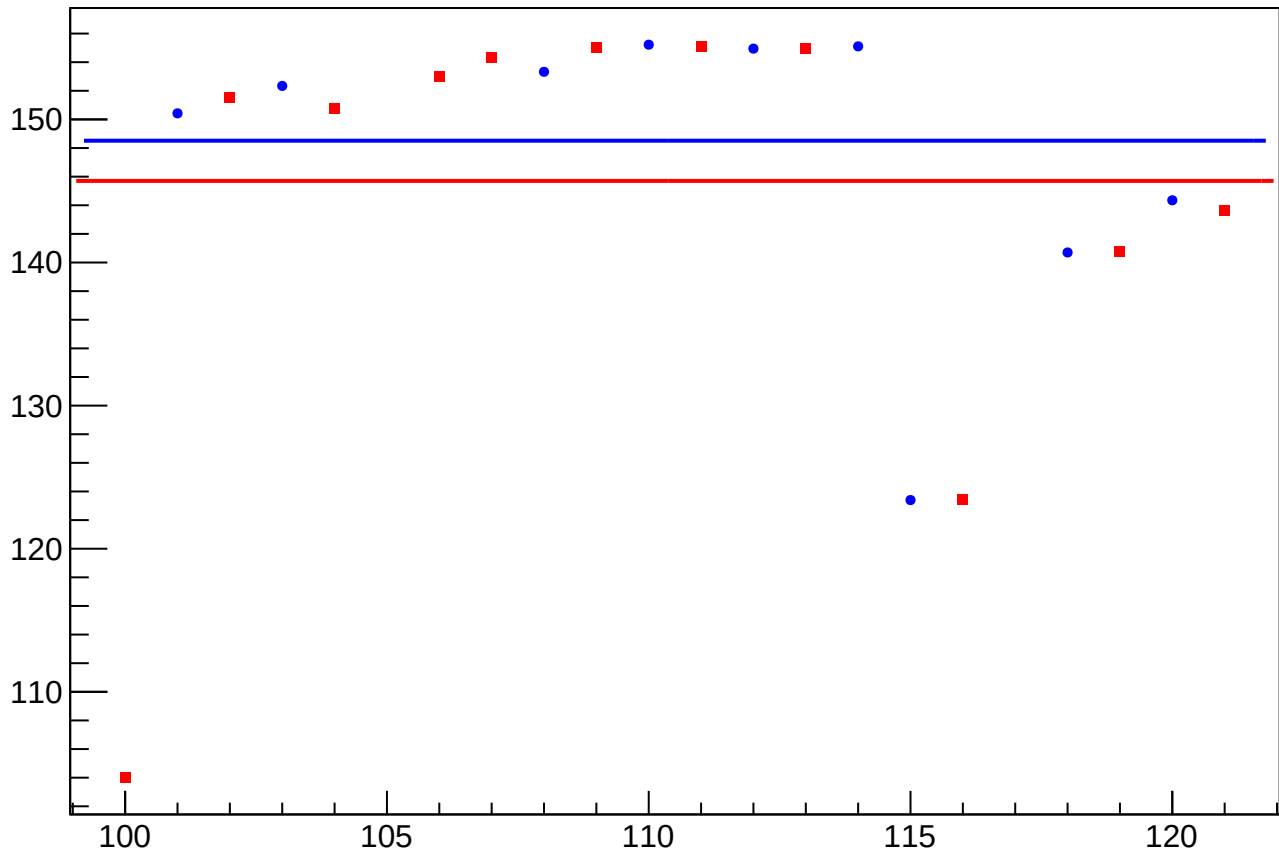
Right: 0.349+/-0.000 χ^2/NDF : 2370908.7/19

In: 0.360+/-0.000 χ^2/NDF : 1184816.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

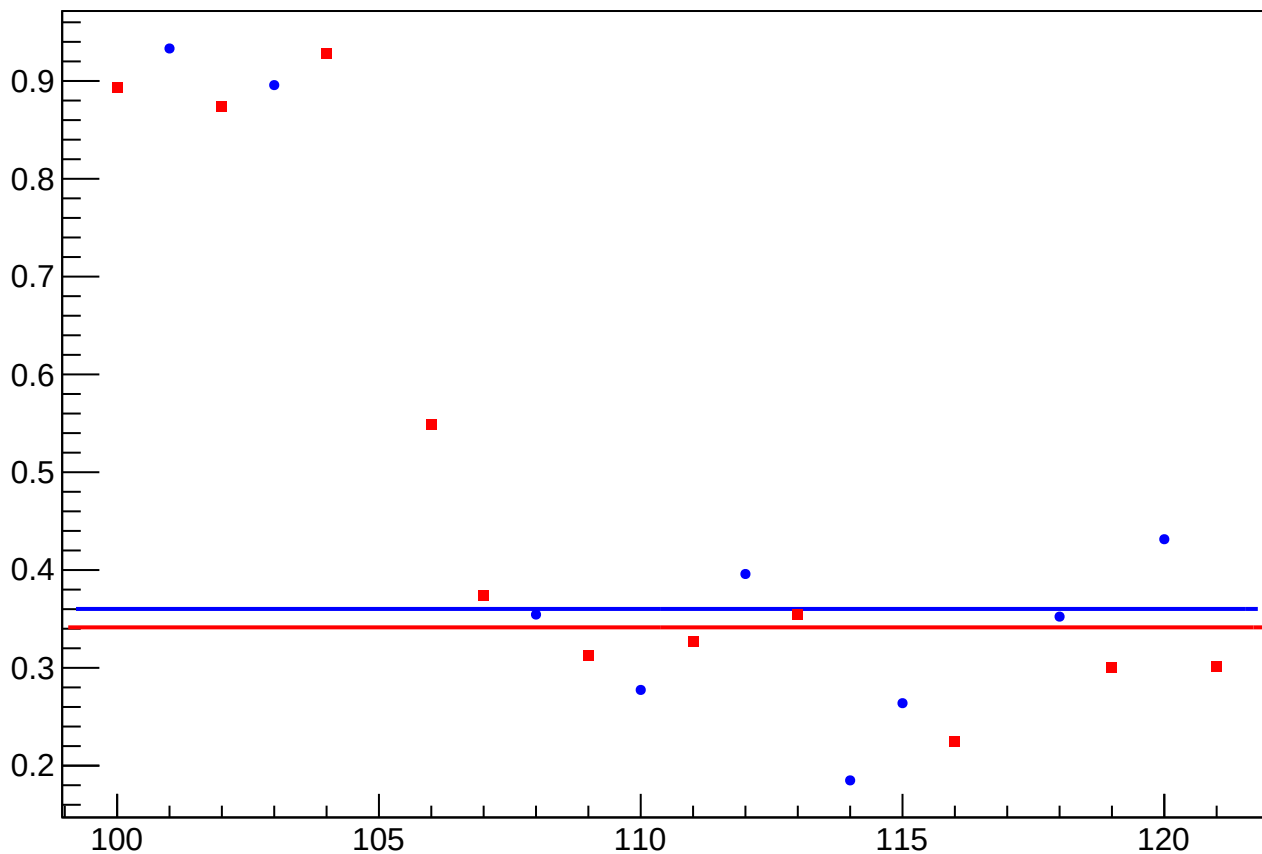
All: 0.349+/-0.000 χ^2/NDF : 2370908.7/19

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 148.513 $\pm$ 0.000 χ^2 /NDF: 1942618344.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.703 $\pm$ 0.000 χ^2 /NDF: 3915893093.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.864 $\pm$ 0.000 χ^2 /NDF: 5956524717.1/19
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 146.864 $\pm$ 0.000 χ^2 /NDF: 5956524717.1/19
 In: 148.513 $\pm$ 0.000 χ^2 /NDF:1942618344.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1182690.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.341+/-0.000 χ^2/NDF : 1175747.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

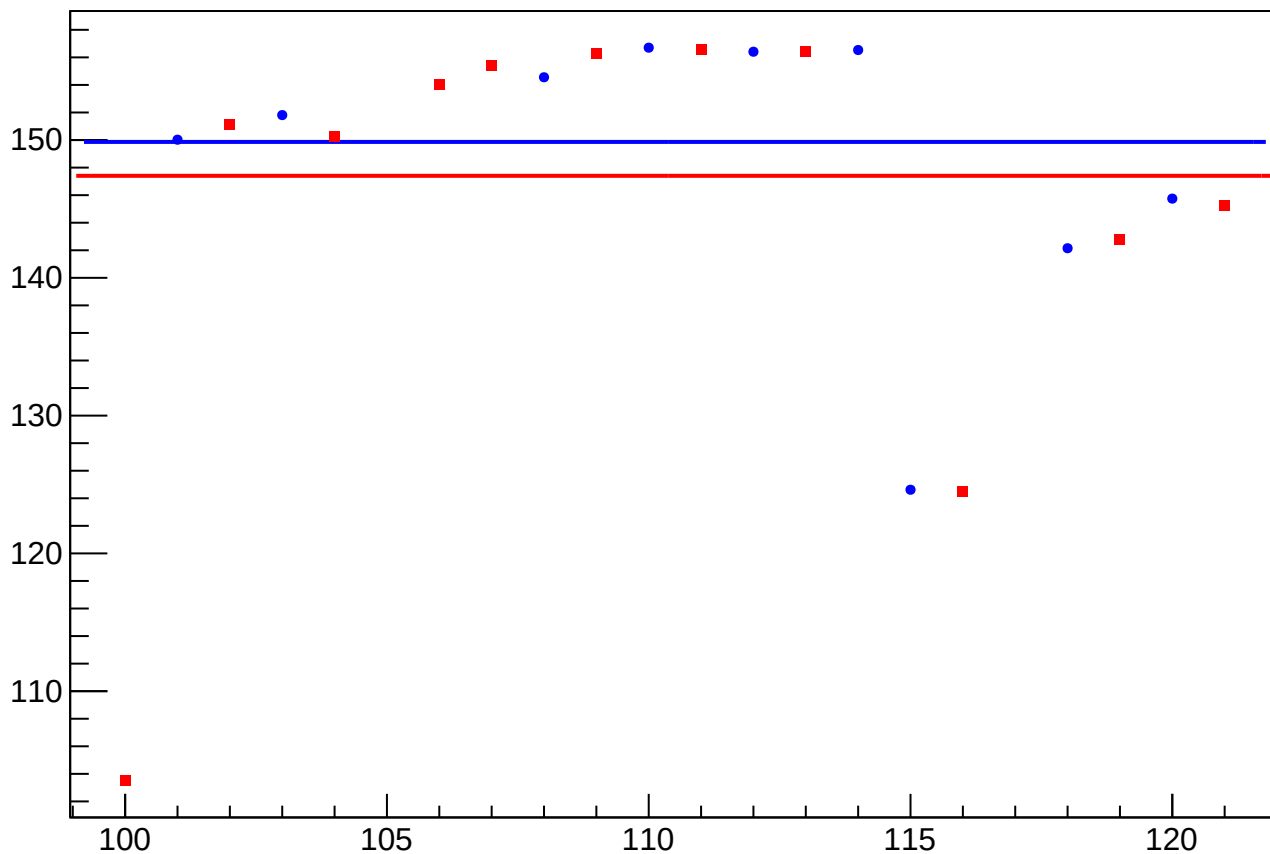
Right: 0.349+/-0.000 χ^2/NDF : 2367243.5/19

In: 0.360+/-0.000 χ^2/NDF : 1182690.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

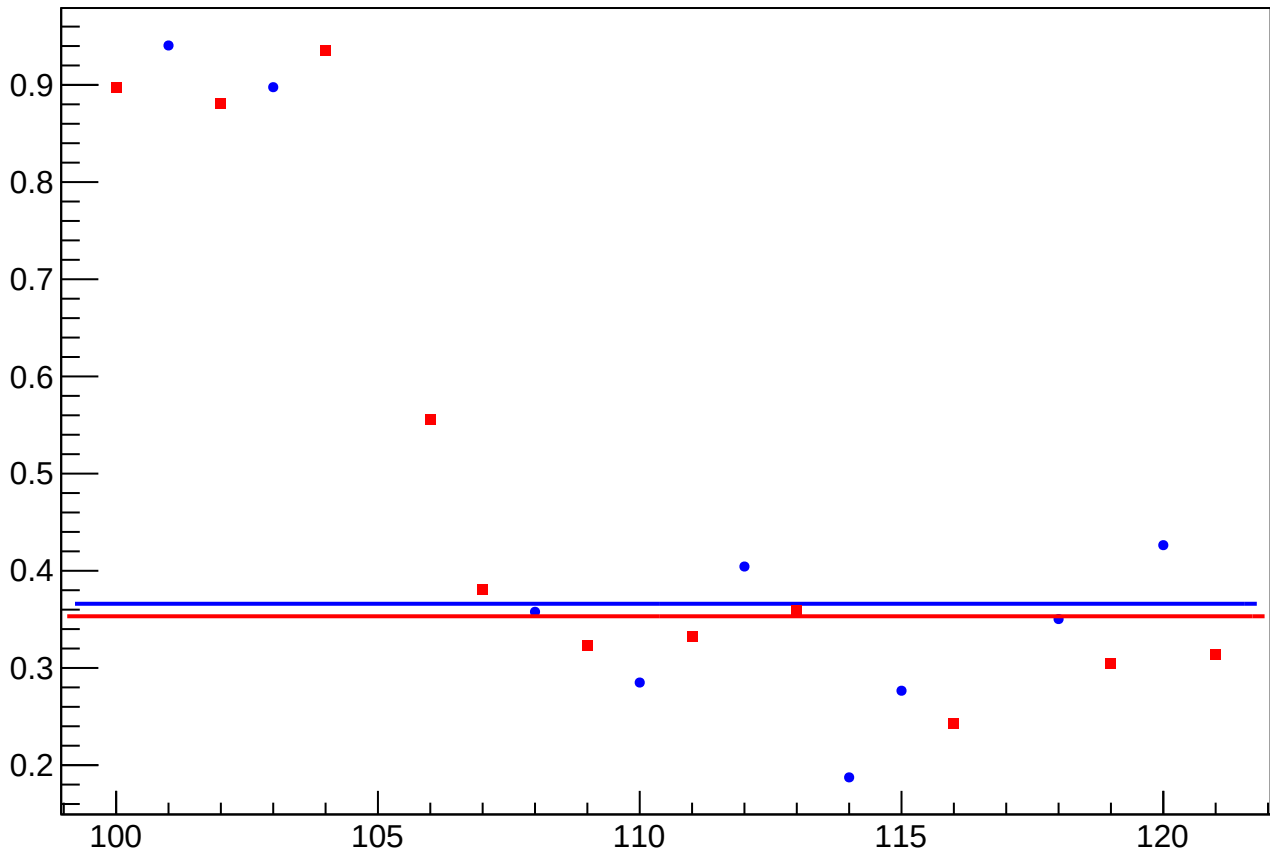
All: 0.349+/-0.000 χ^2/NDF : 2367243.5/19

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 149.865 $\pm$ 0.000 χ^2 /NDF: 1810302627.6/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 147.404 $\pm$ 0.000 χ^2 /NDF: 3517334369.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 148.438 $\pm$ 0.000 χ^2 /NDF: 5399695753.8

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.366+/-0.000 χ^2/NDF : 1156464.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.353+/-0.000 χ^2/NDF : 1116714.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

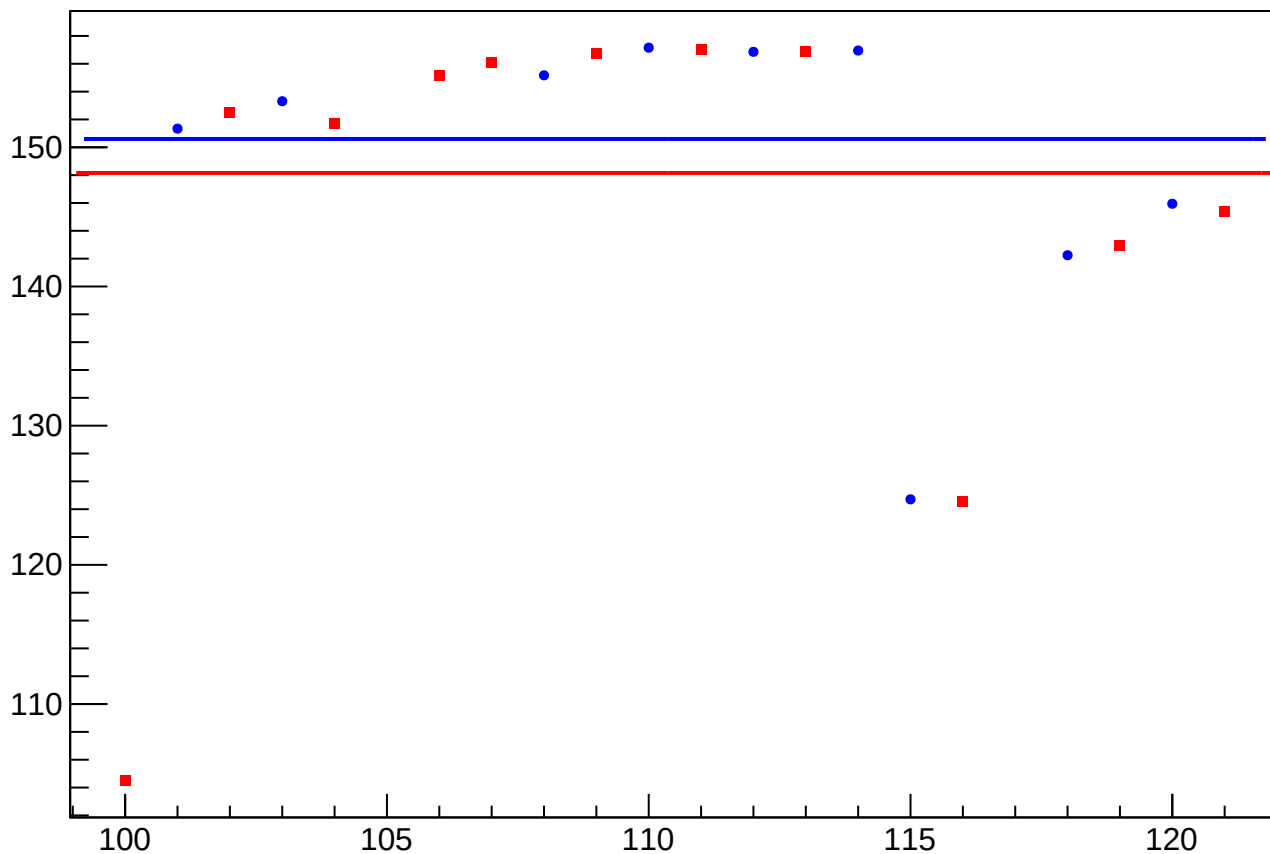
Right: 0.359+/-0.000 χ^2/NDF : 2277123.3/19

In: 0.366+/-0.000 χ^2/NDF : 1156464.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

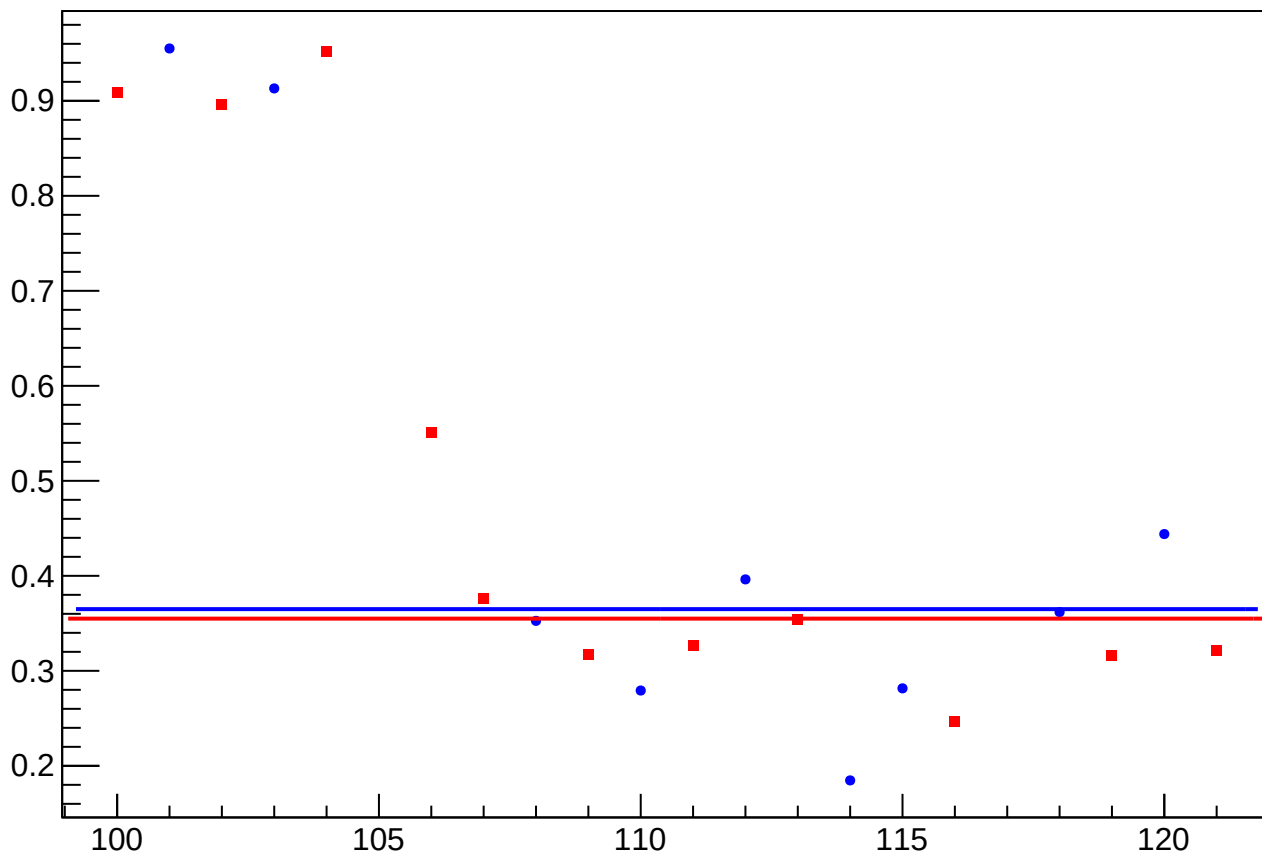
All: 0.359+/-0.000 χ^2/NDF : 2277123.3/19

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 150.597 $\pm$ 0.000 χ^2 /NDF: 1835111521.1/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 148.155 $\pm$ 0.000 χ^2 /NDF: 3563848500.8/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 149.188 $\pm$ 0.000 χ^2 /NDF: 5469665981.7/19
 In: 150.597 $\pm$ 0.000 χ^2 /NDF:1835111521.1/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 149.188 $\pm$ 0.000 χ^2 /NDF: 5469665981.7

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.365+/-0.000 χ^2/NDF : 1194562.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.000 χ^2/NDF : 1112353.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

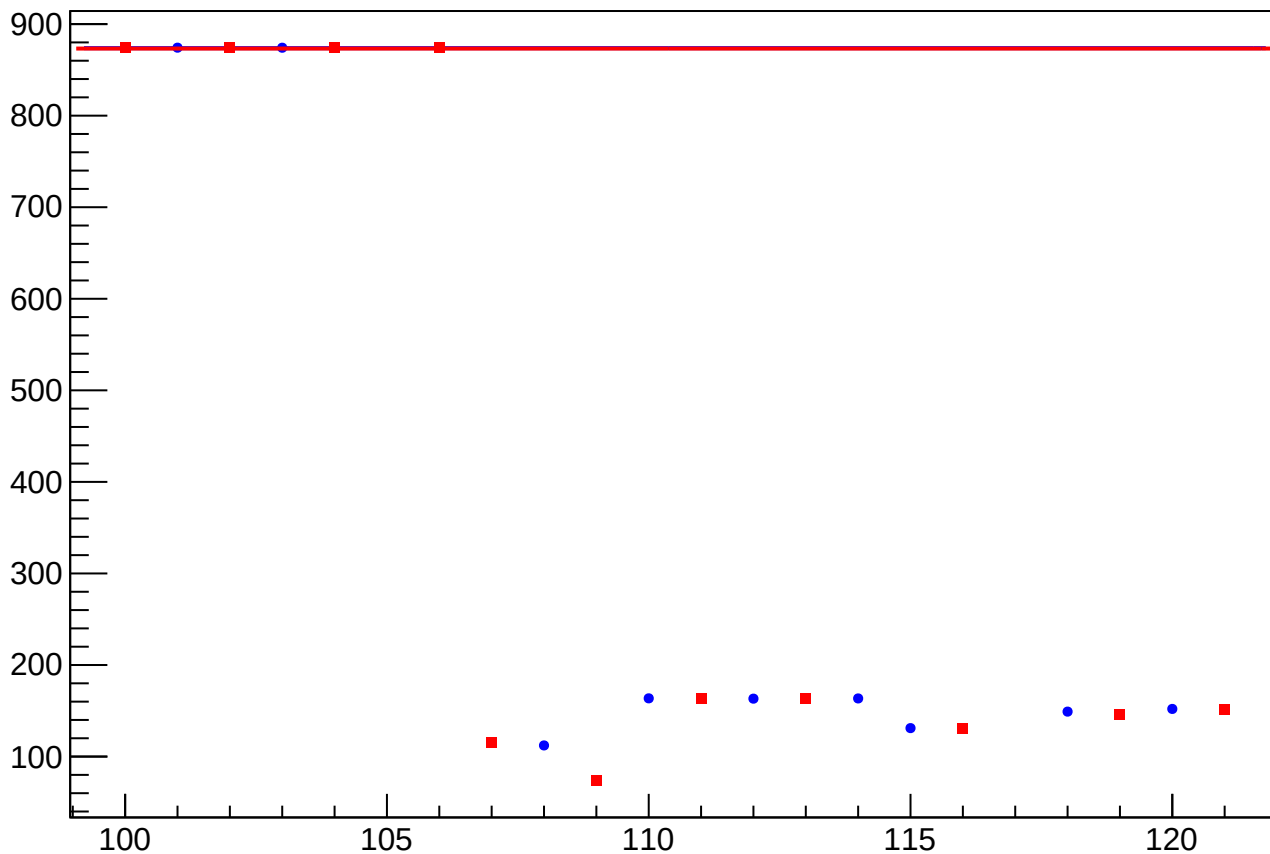
Right: 0.359+/-0.000 χ^2/NDF : 2309287.9/19

In: 0.365+/-0.000 χ^2/NDF : 1194562.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

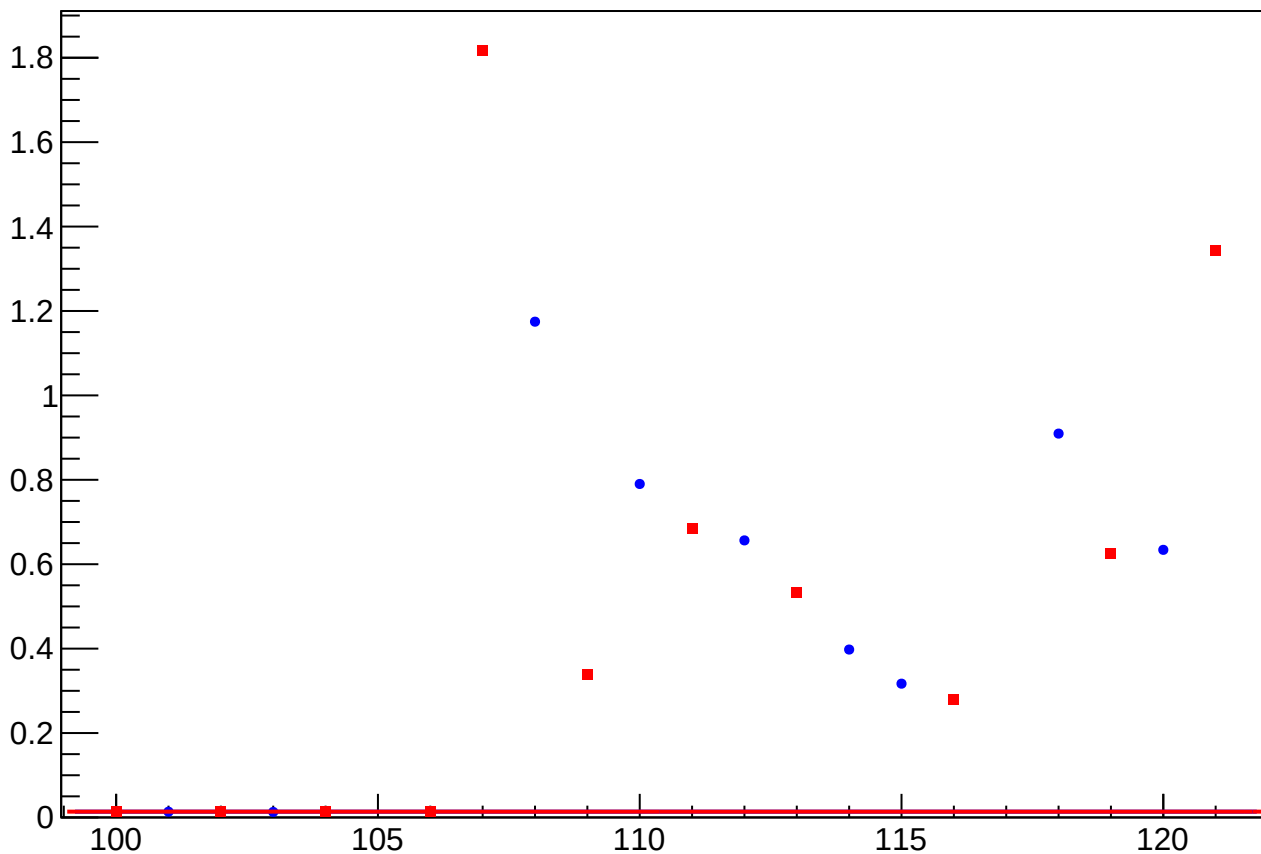
All: 0.359+/-0.000 χ^2/NDF : 2309287.9/19

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.724+/-0.000 χ^2/NDF : 2584781231042.0/8
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 873.488+/-0.000 χ^2/NDF : 8175638528517.3
 In: 873.724+/-0.000 χ^2/NDF : 2584781231042.0/8
 Right Out: 873.282+/-0.000 χ^2/NDF : 5590113971352.5/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 873.488+/-0.000 χ^2/NDF : 8175638528517.3

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 3845830.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 4465569.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

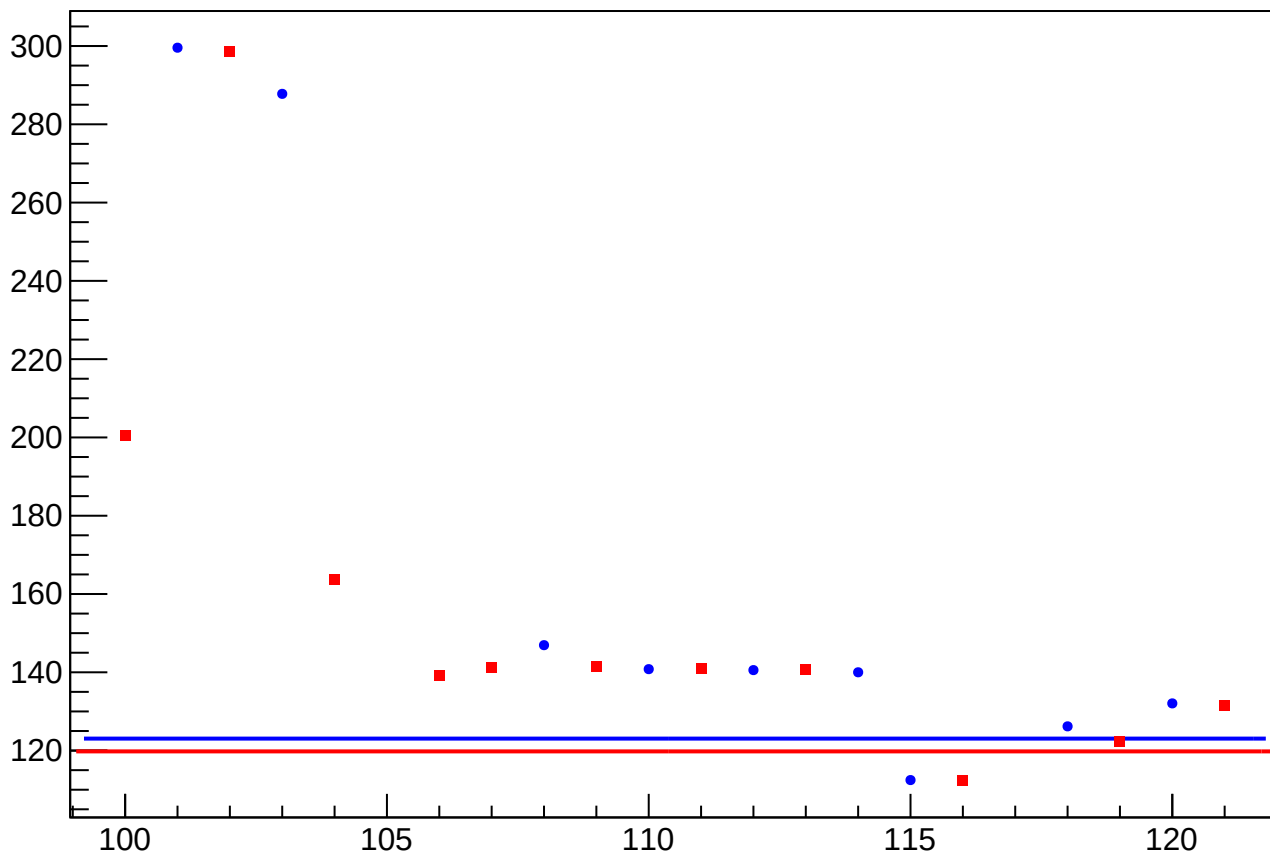
Right: 0.014+/-0.000 χ^2/NDF : 8311439.2/19

In: 0.014+/-0.000 χ^2/NDF : 3845830.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

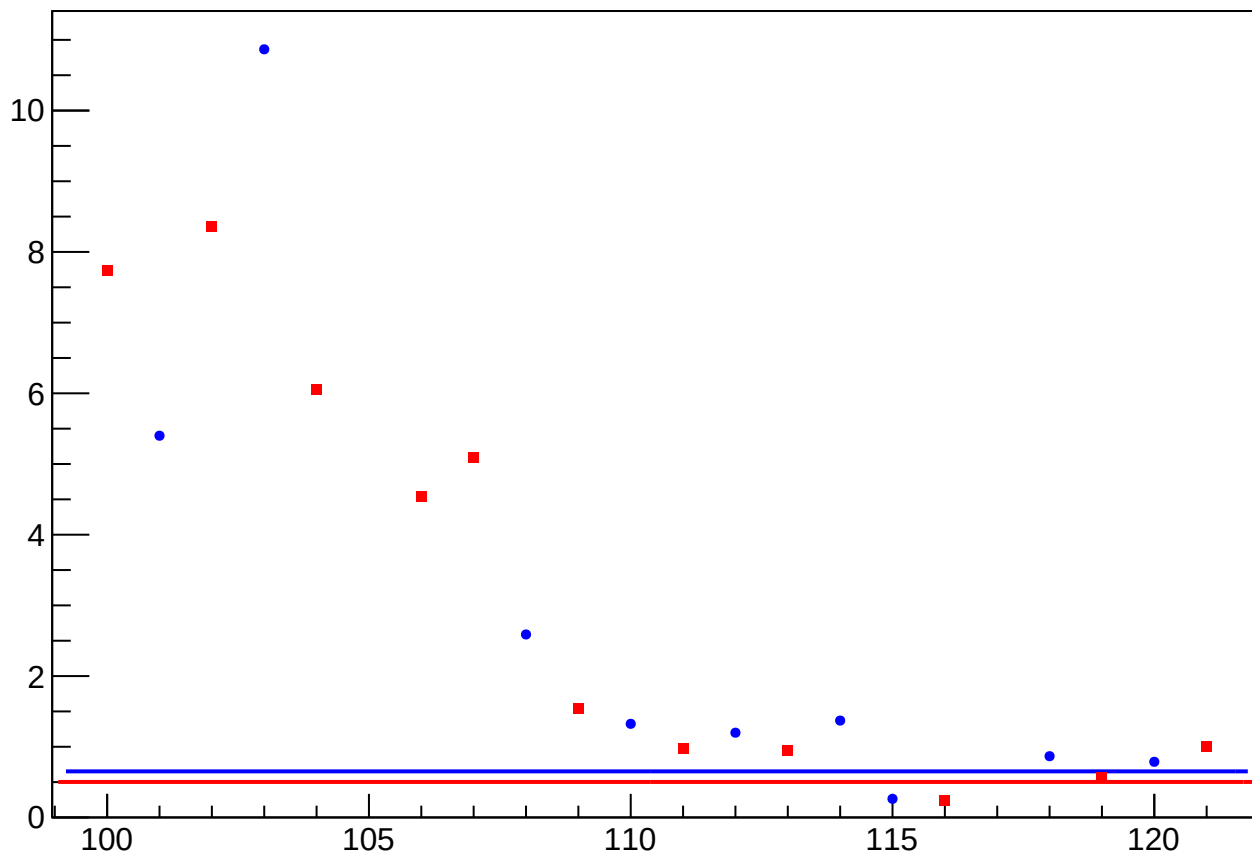
All: 0.014+/-0.000 χ^2/NDF : 8311439.2/19

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 123.062 $\pm$ 0.001 χ^2 /NDF: 1203663478.5/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 119.793 $\pm$ 0.000 χ^2 /NDF: 1032257469.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 120.924 $\pm$ 0.000 χ^2 /NDF: 2260175105.9/19

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.652+/-0.000 χ^2/NDF : 3366890.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.502+/-0.000 χ^2/NDF : 4169816.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

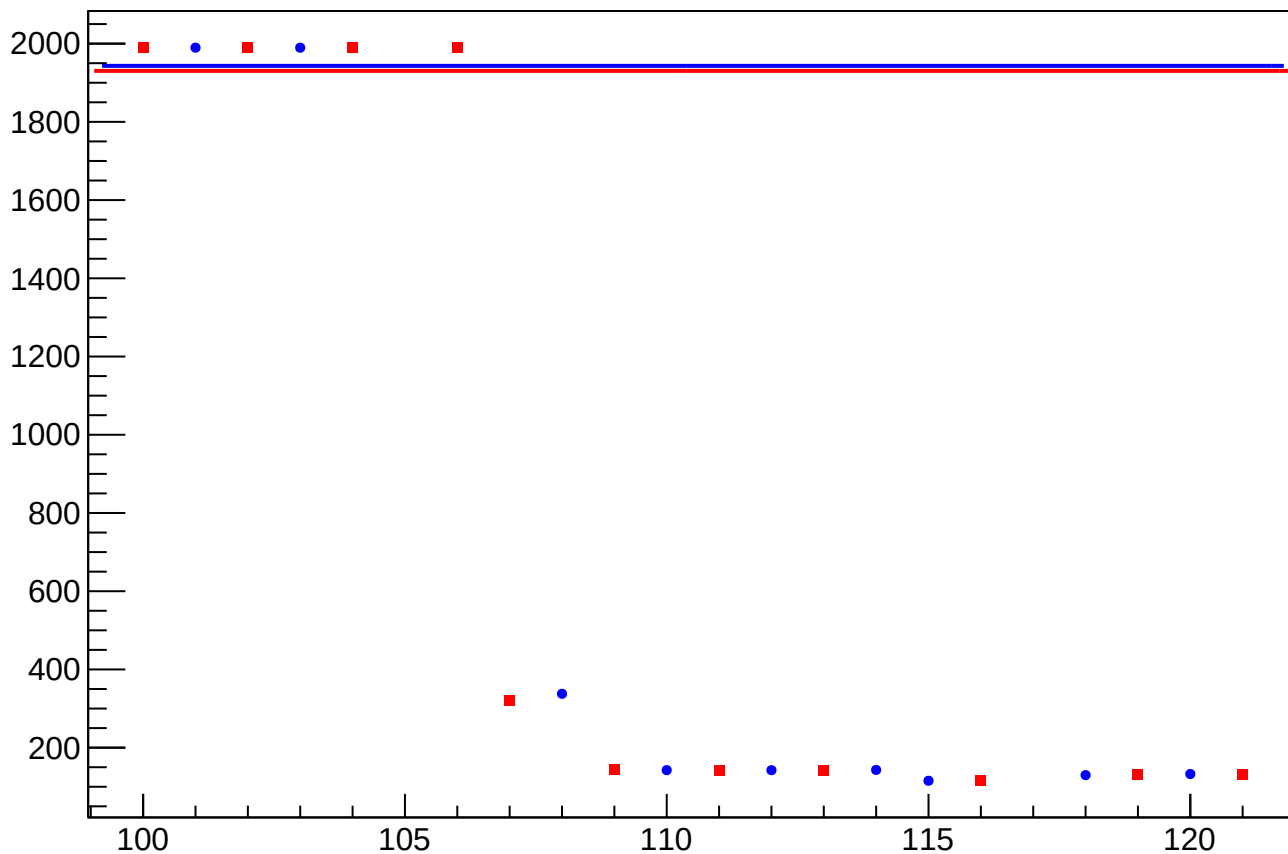
Right: 0.554+/-0.000 χ^2/NDF : 7638392.0/19

In: 0.652+/-0.000 χ^2/NDF : 3366890.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

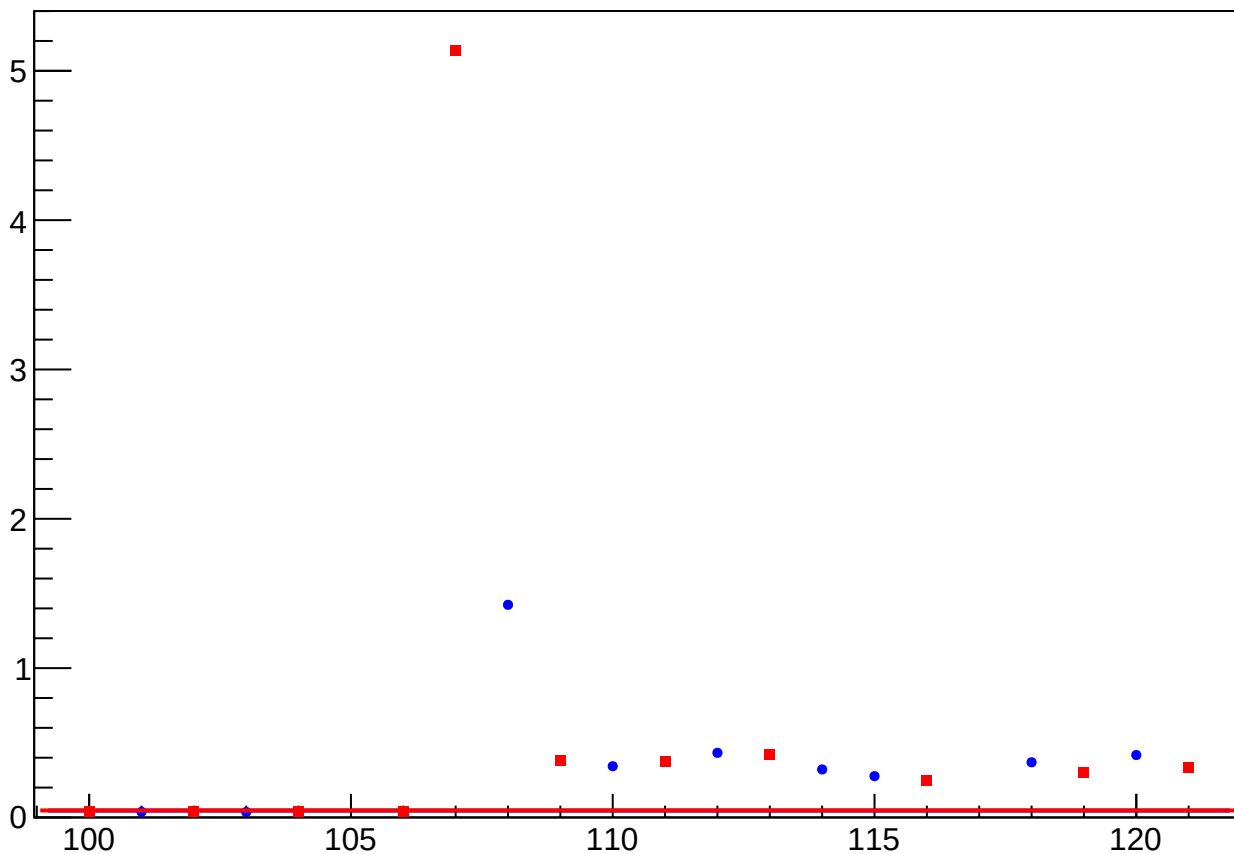
All: 0.554+/-0.000 χ^2/NDF : 7638392.0/19

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 1943.197+/-0.000 χ^2/NDF : 45144151957959.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1936.247+/-0.000 χ^2/NDF : 11353282498649
 In: 1943.197+/-0.000 χ^2/NDF : 45144151957959.6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1936.247+/-0.000 χ^2/NDF : 11353282498

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.046+/-0.000 χ^2/NDF : 3482560.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 3843673.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

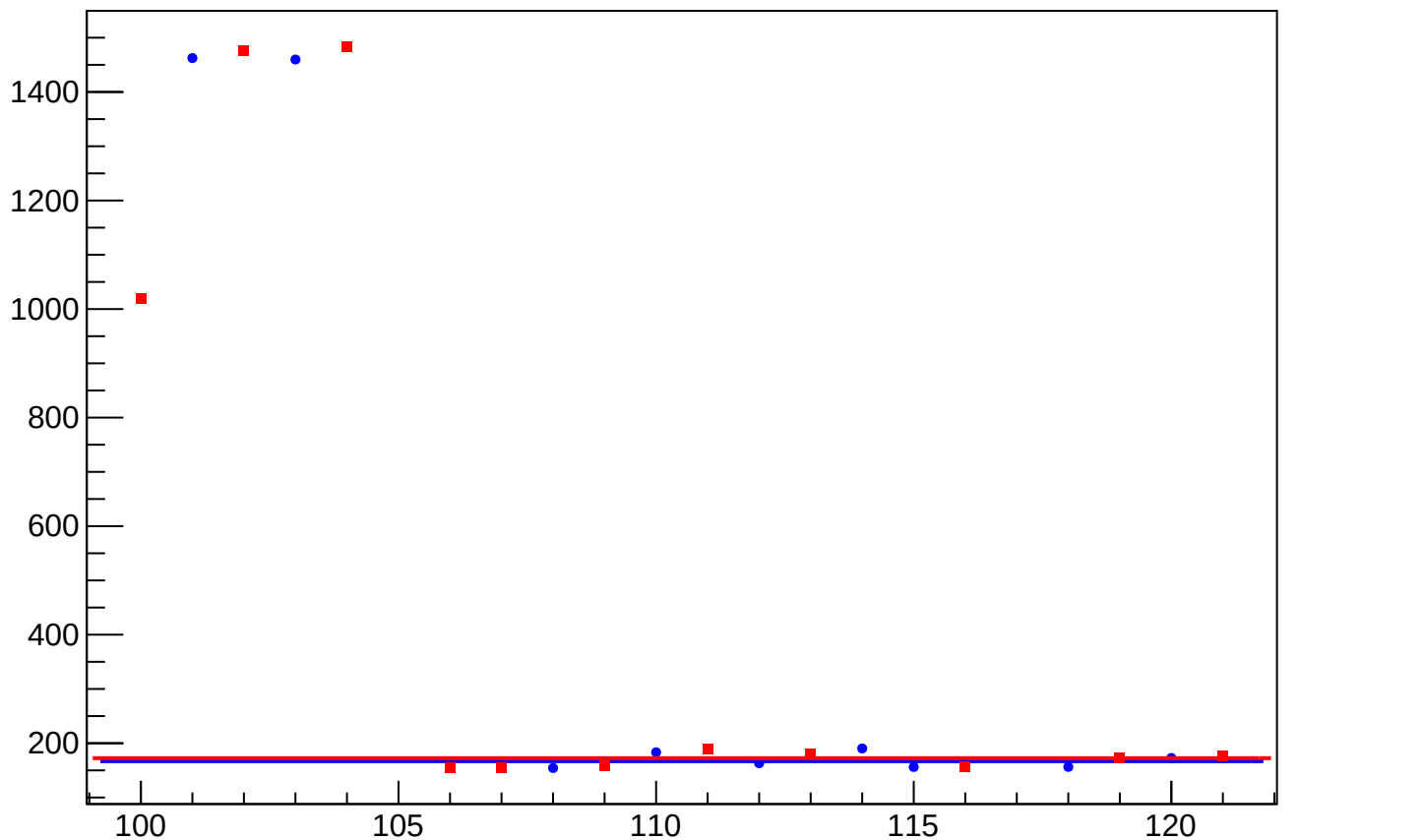
Right: 0.047+/-0.000 χ^2/NDF : 7326638.0/19

In: 0.046+/-0.000 χ^2/NDF : 3482560.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

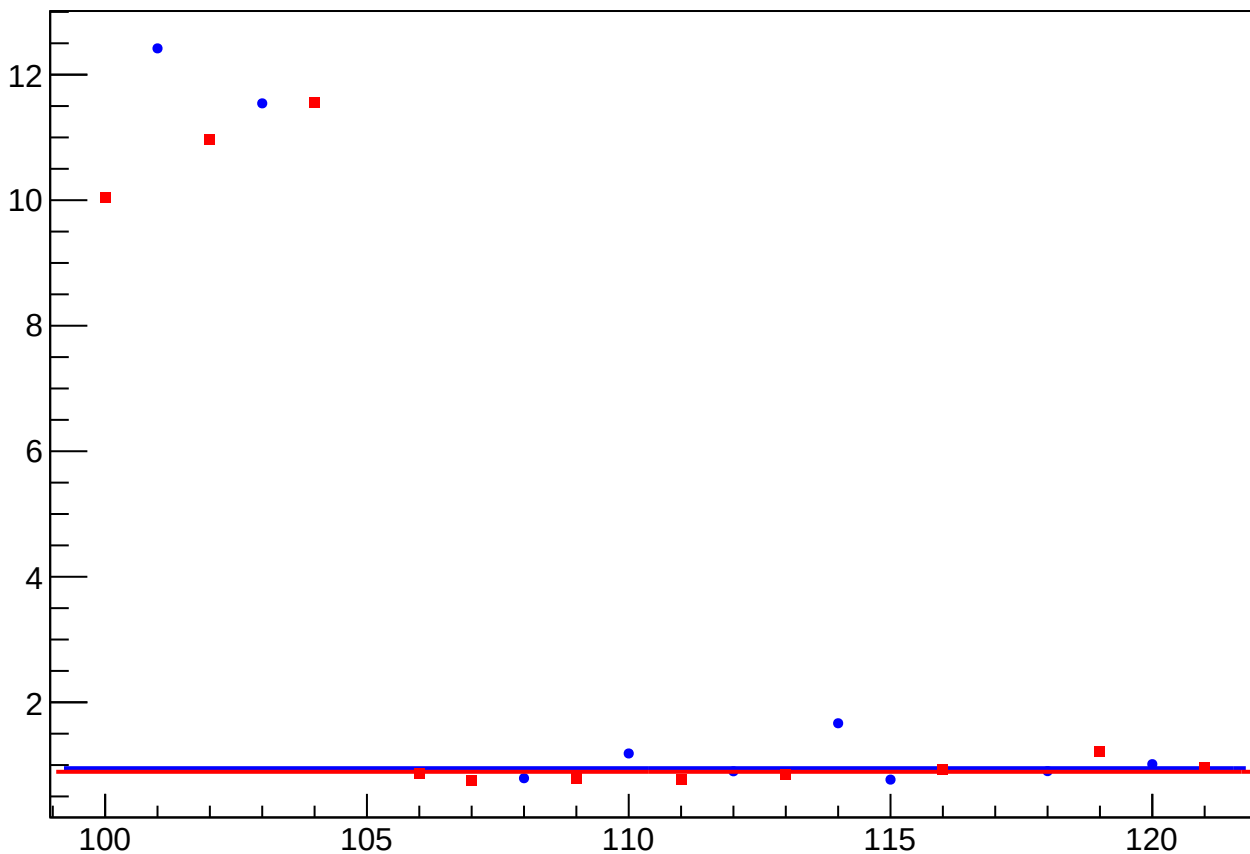
All: 0.047+/-0.000 χ^2/NDF : 7326638.0/19

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 166.914+/-0.001 χ^2/NDF : 14332261877.2/8
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 170.148+/-0.000 χ^2/NDF : 30410675069.1/19
 In: 166.914+/-0.001 χ^2/NDF : 14332261877.2/8
 Right Out: 172.425+/-0.001 χ^2/NDF : 16040928802.7/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 170.148+/-0.000 χ^2/NDF : 30410675069.1/19

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.950+/-0.000 χ^2/NDF : 2141161.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.893+/-0.000 χ^2/NDF : 2092308.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

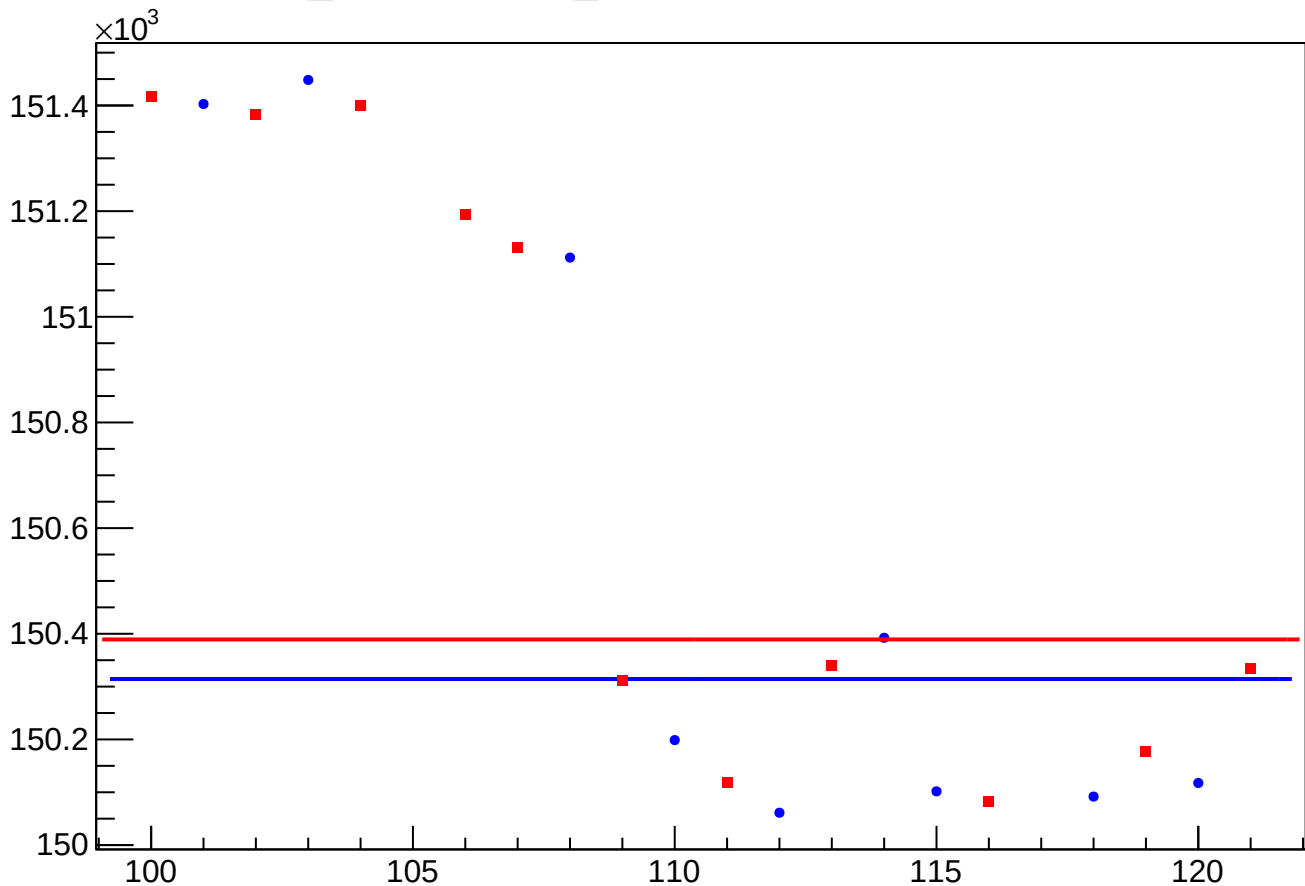
Right: 0.916+/-0.000 χ^2/NDF : 4241621.6/19

In: 0.950+/-0.000 χ^2/NDF : 2141161.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

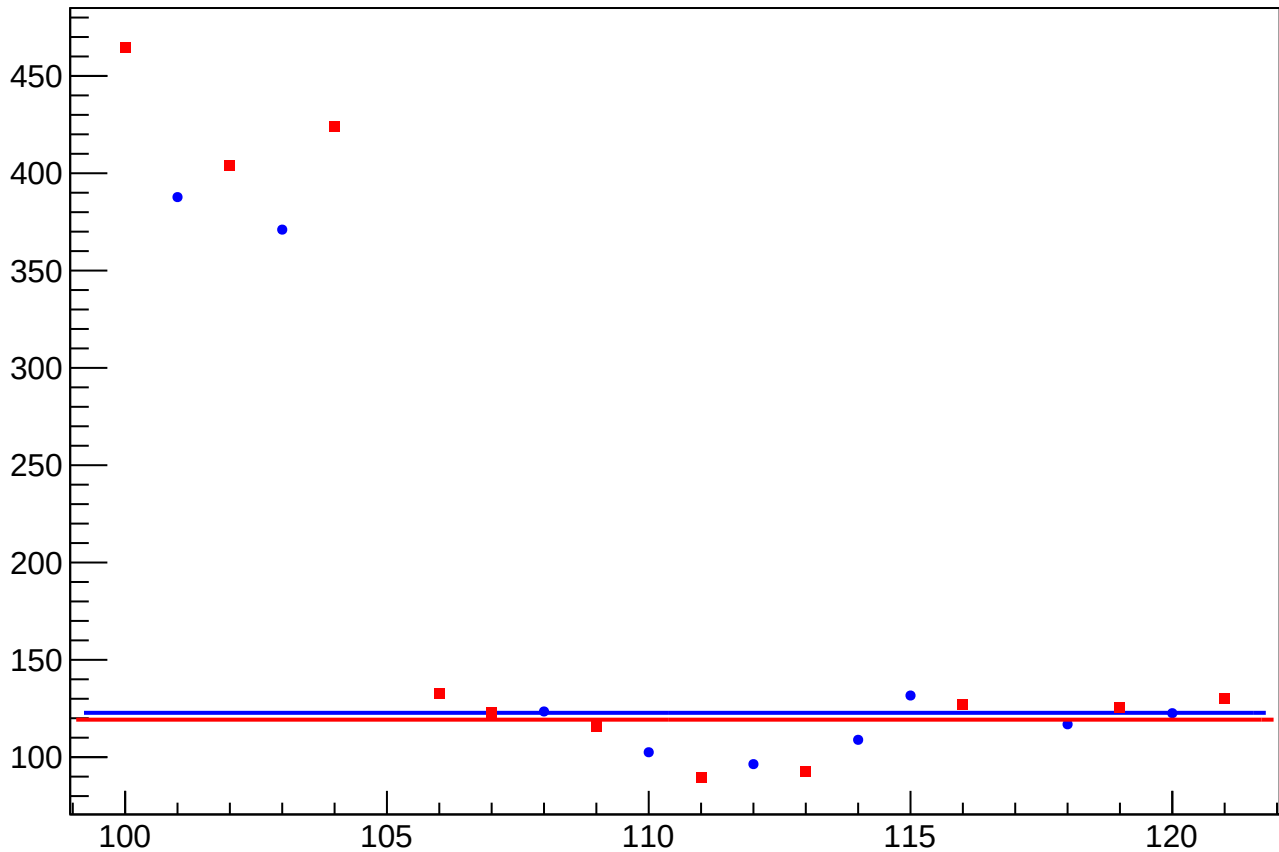
All: 0.916+/-0.000 χ^2/NDF : 4241621.6/19

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150314.354 $\pm$ 0.072 χ^2/NDF : 33115455.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 150389.271 $\pm$ 0.062 χ^2/NDF : 34999447.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 150357.376 $\pm$ 0.047 χ^2/NDF : 68734567.8/19
 In: 150314.354 $\pm$ 0.072 χ^2/NDF : 33115455.7/8
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 150357.376 $\pm$ 0.047 χ^2/NDF : 68734567.8/19

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.260+/-0.044 χ^2/NDF : 1441598.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

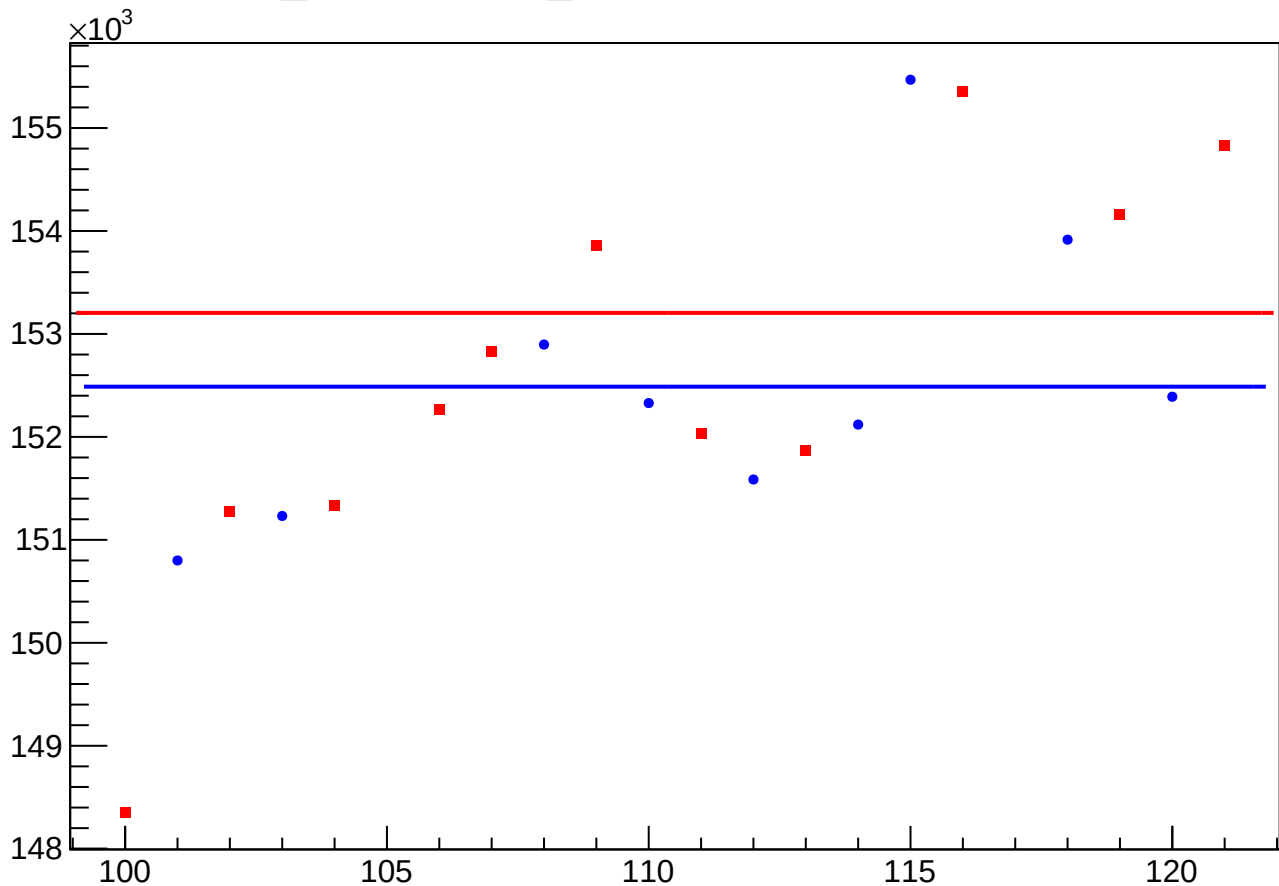
Right: 120.759+/-0.033 χ^2/NDF : 2665836.0/19

In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

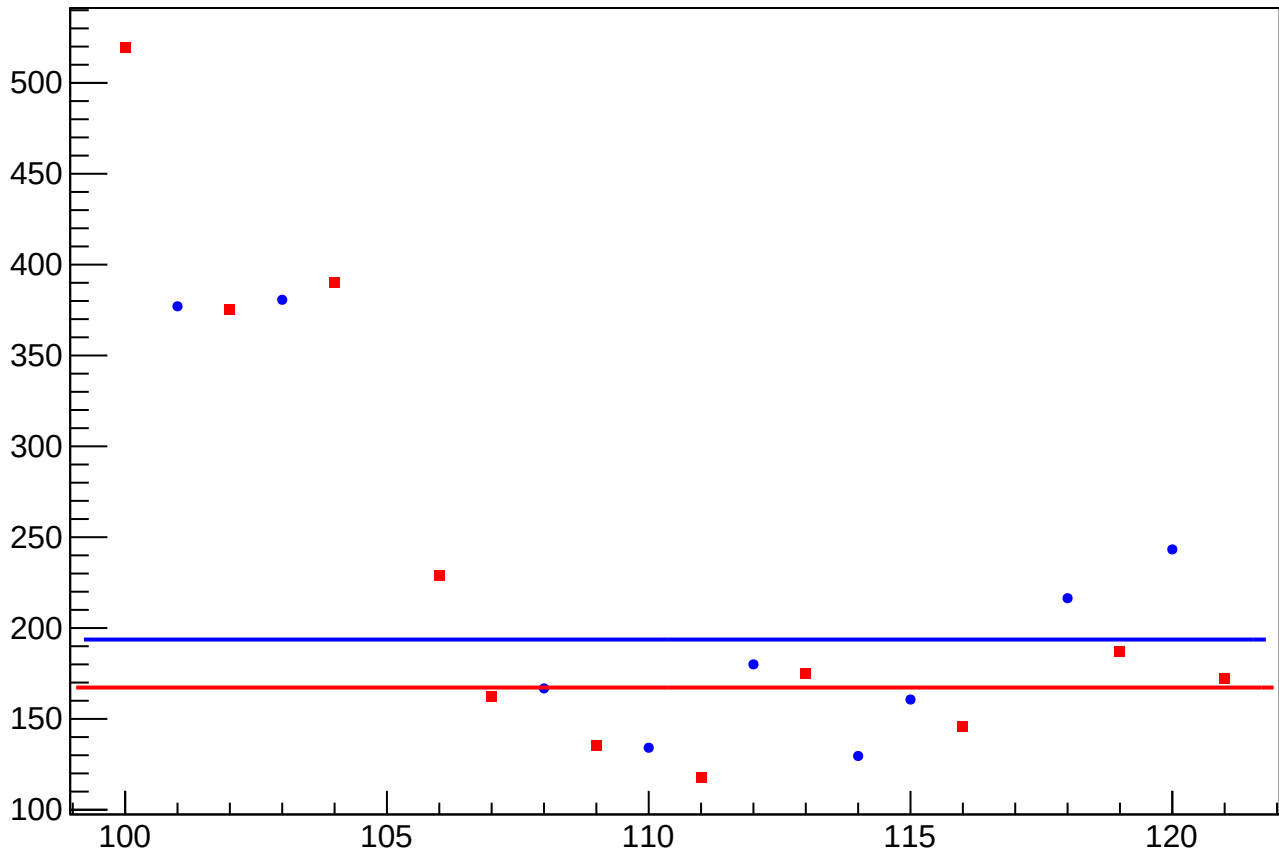
All: 120.759+/-0.033 χ^2/NDF : 2665836.0/19

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152487.851 $\pm$ 0.114 χ^2 /NDF: 84505852.8/8
 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: 152936.251 $\pm$ 0.070 χ^2 /NDF: 320235262.0/10
 Right Out: 153204.425 $\pm$ 0.088 χ^2 /NDF: 211018534.0/10
 In: 152487.851 $\pm$ 0.114 χ^2 /NDF: 84505852.8/8
 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: 152936.251 $\pm$ 0.070 χ^2 /NDF: 320235262.0/10

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.267+/-0.062 χ^2/NDF : 1062879.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

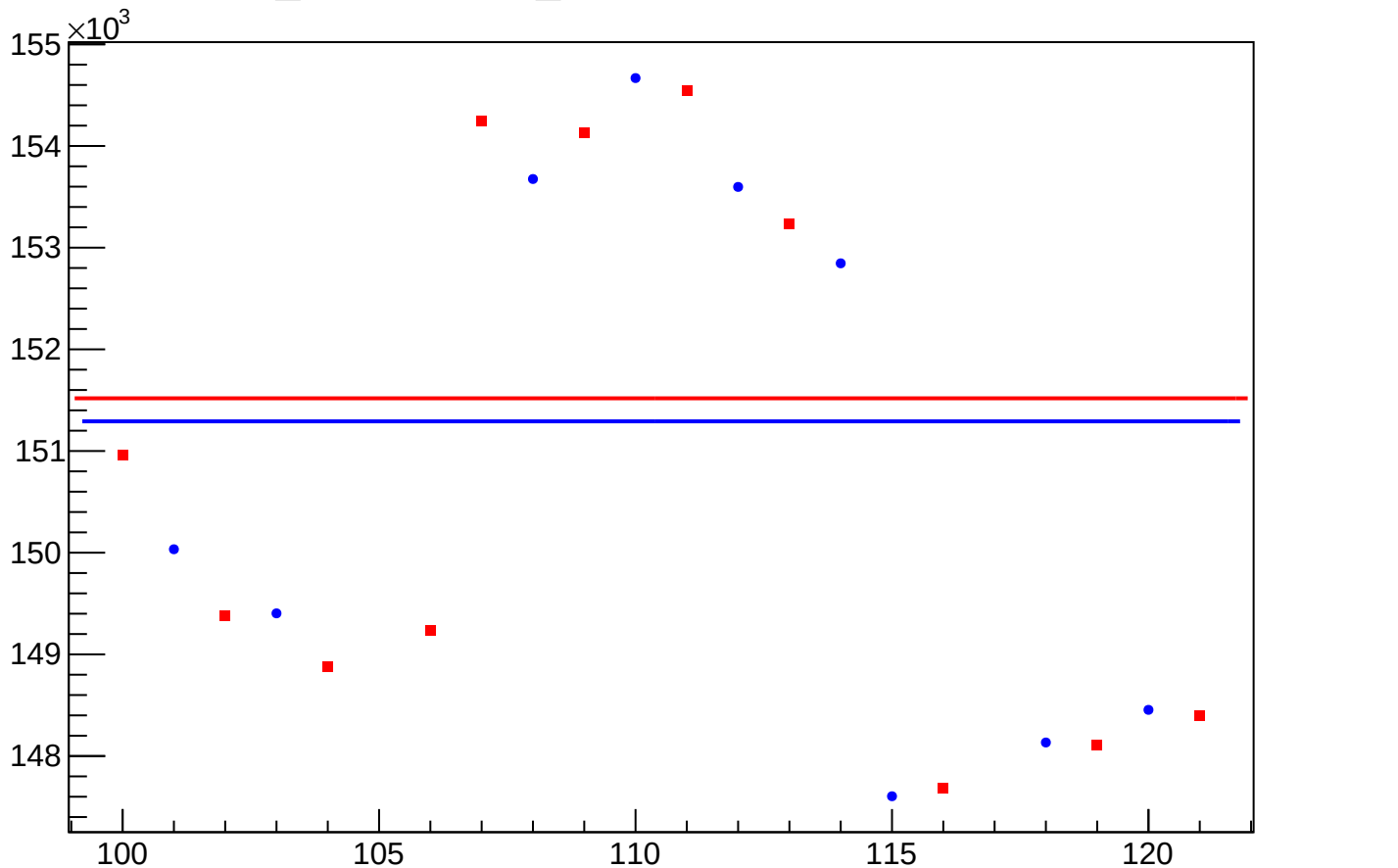
Right: 177.150+/-0.049 χ^2/NDF : 1977900.2/19

In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

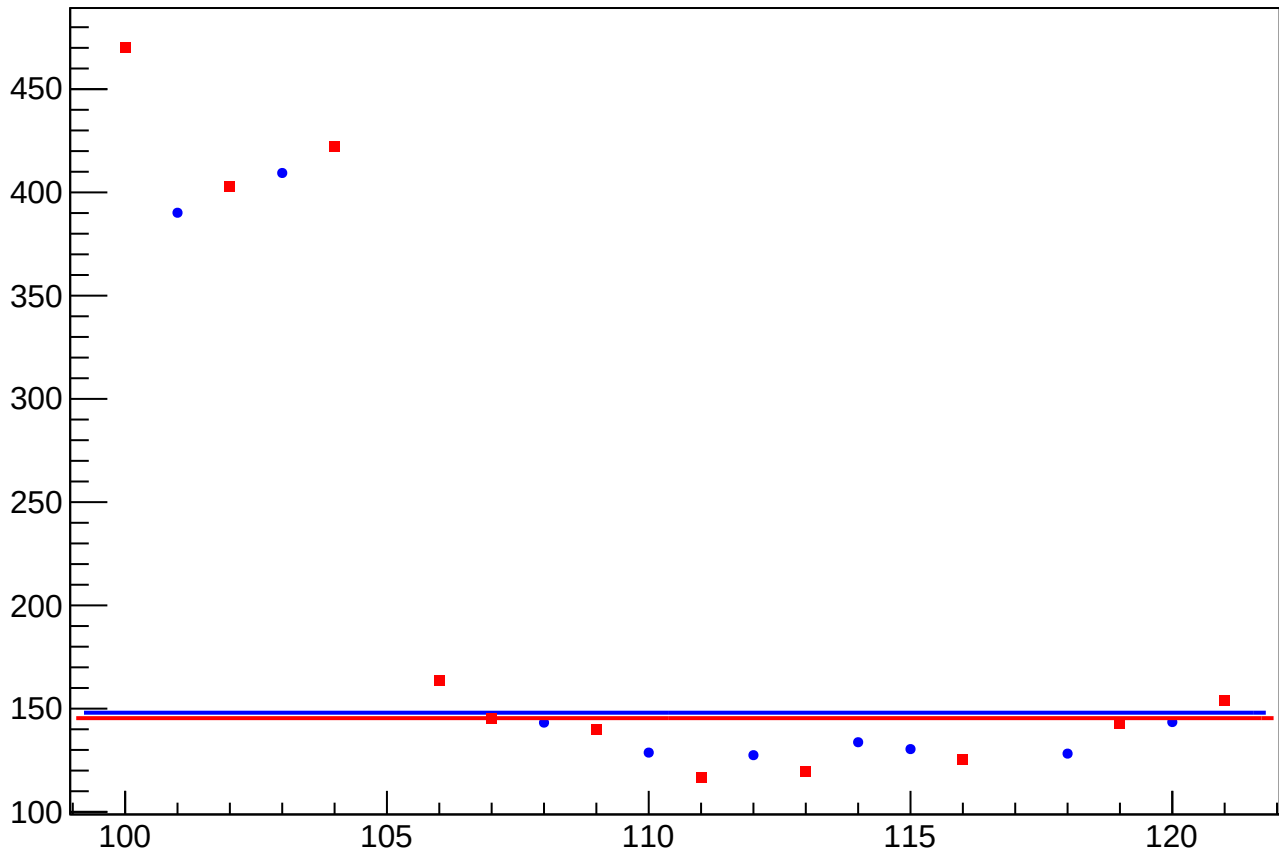
All: 177.150+/-0.049 χ^2/NDF : 1977900.2/19

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 151291.839+/-0.085 χ^2 /NDF: 1083029124.3/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 151419.101+/-0.057 χ^2 /NDF: 2534255941.2/8
 In: 151291.839+/-0.085 χ^2 /NDF: 1083029124.3/8
 Right Out: 151518.306+/-0.075 χ^2 /NDF: 1447276273.5/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 151419.101+/-0.057 χ^2 /NDF: 2534255941.2/8

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.032+/-0.060 χ^2/NDF : 1068782.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 145.391+/-0.053 χ^2/NDF : 1158335.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

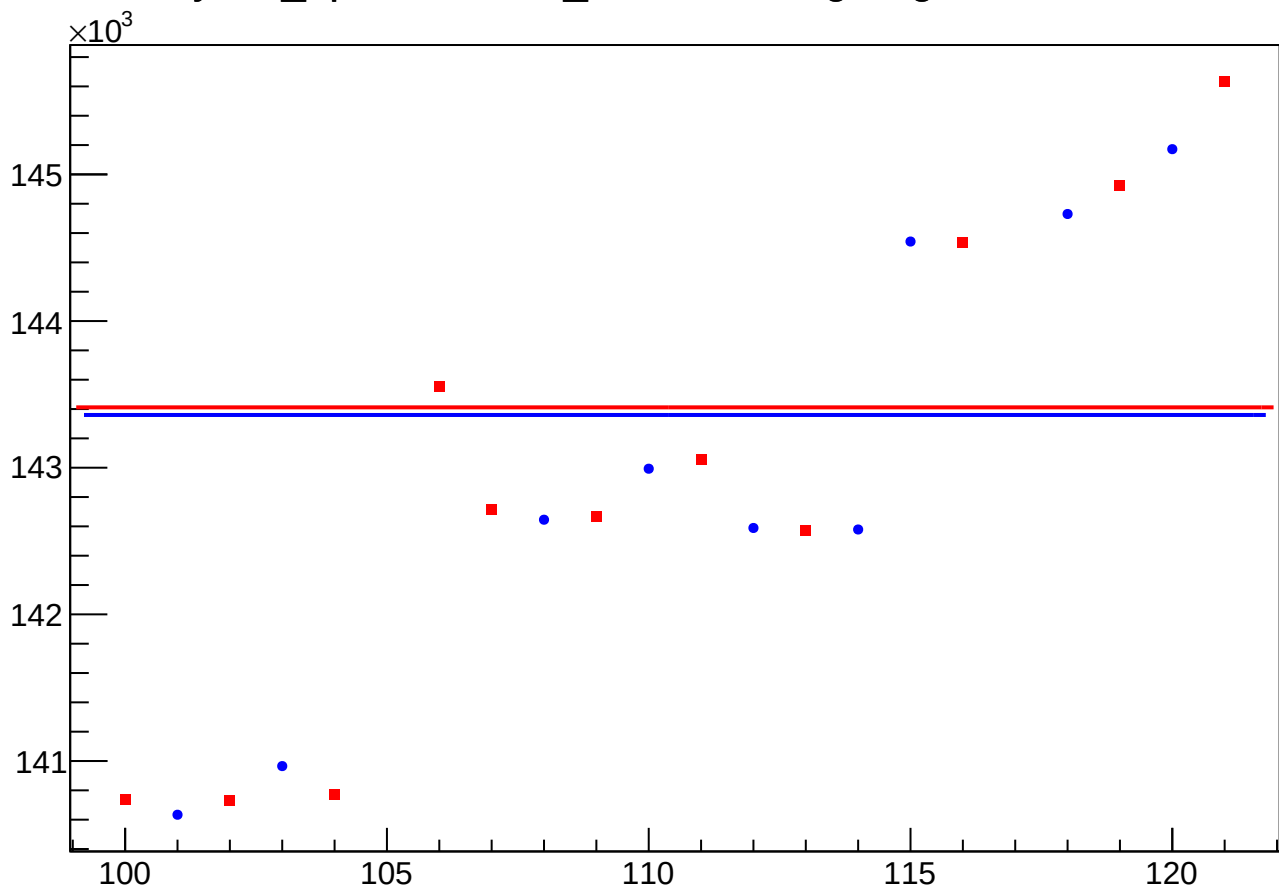
Right: 146.548+/-0.040 χ^2/NDF : 2228193.3/19

In: 148.032+/-0.060 χ^2/NDF :1068782.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 146.548+/-0.040 χ^2/NDF : 2228193.3/19

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143389.149+/-0.046 χ^2 /NDF: 626178876.6/1

In: 143359.585+/-0.070 χ^2 /NDF: 277007799.9/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143389.149+/-0.046 χ^2 /NDF: 626178876.6/1

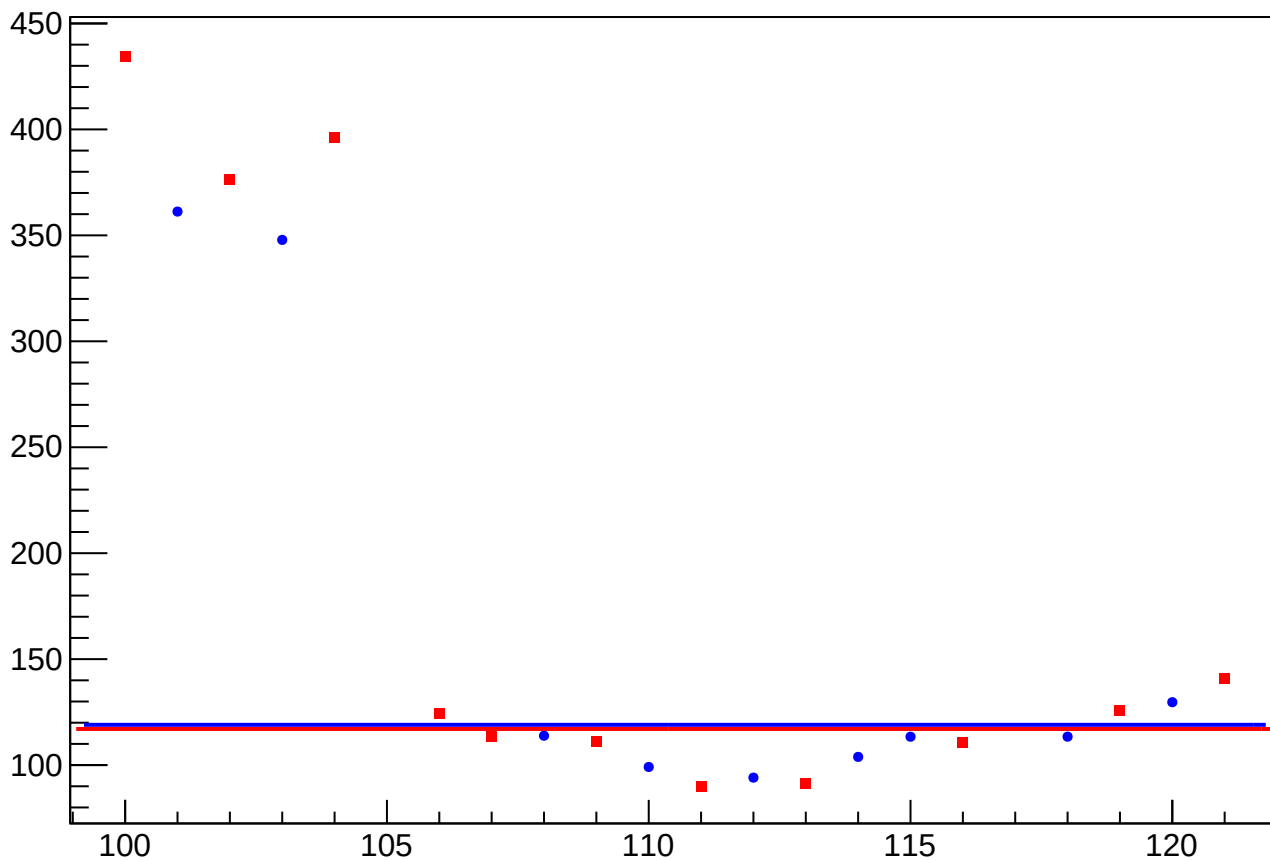
Right In: 143359.585+/-0.070 χ^2 /NDF: 277007799.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143411.556+/-0.061 χ^2 /NDF: 348855277.0/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.004 $\pm$ 0.049 χ^2 /NDF: 1188262.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.044 $\pm$ 0.043 χ^2 /NDF: 1390871.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

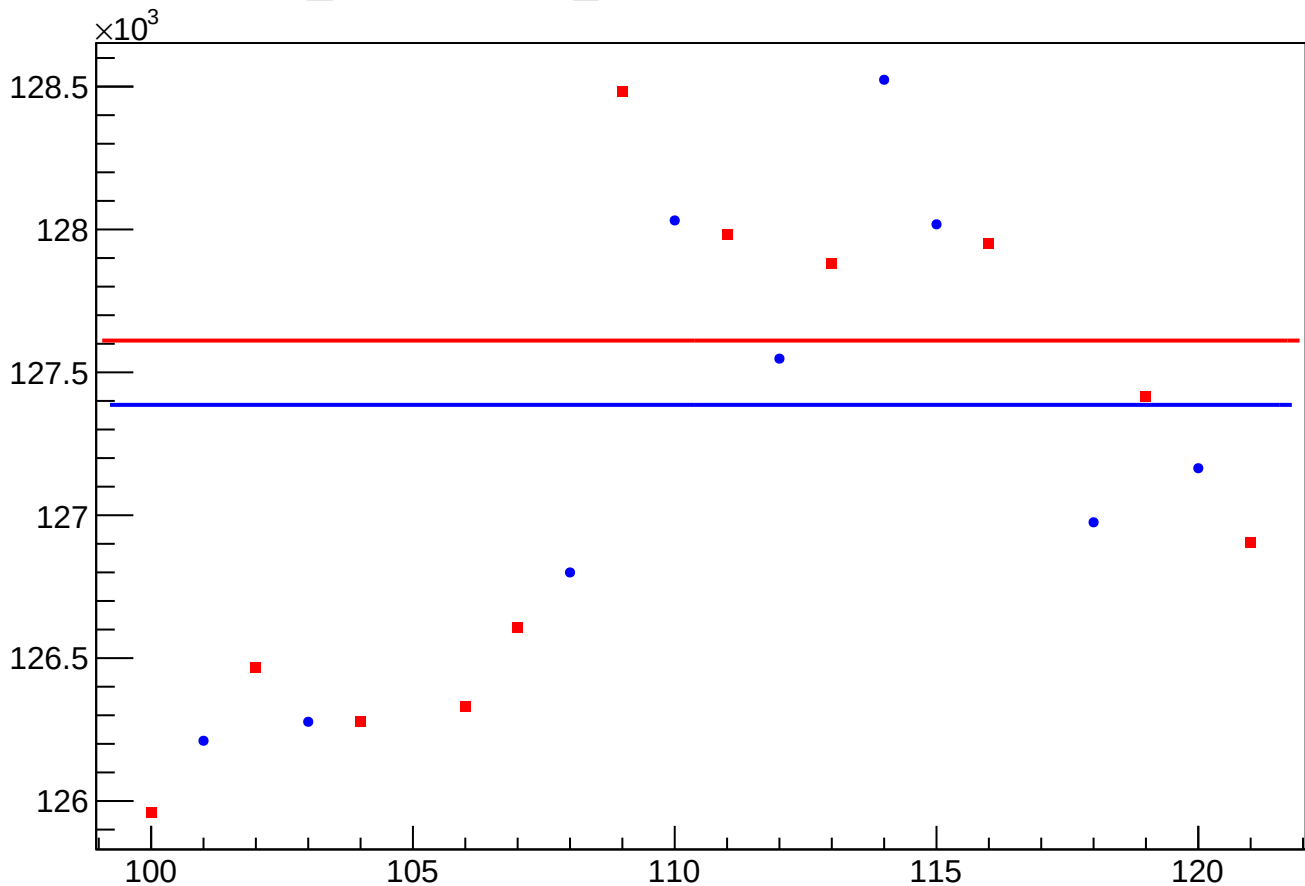
Right: 117.889 $\pm$ 0.032 χ^2 /NDF: 2580032.2/19

In: 119.004 $\pm$ 0.049 χ^2 /NDF:1188262.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

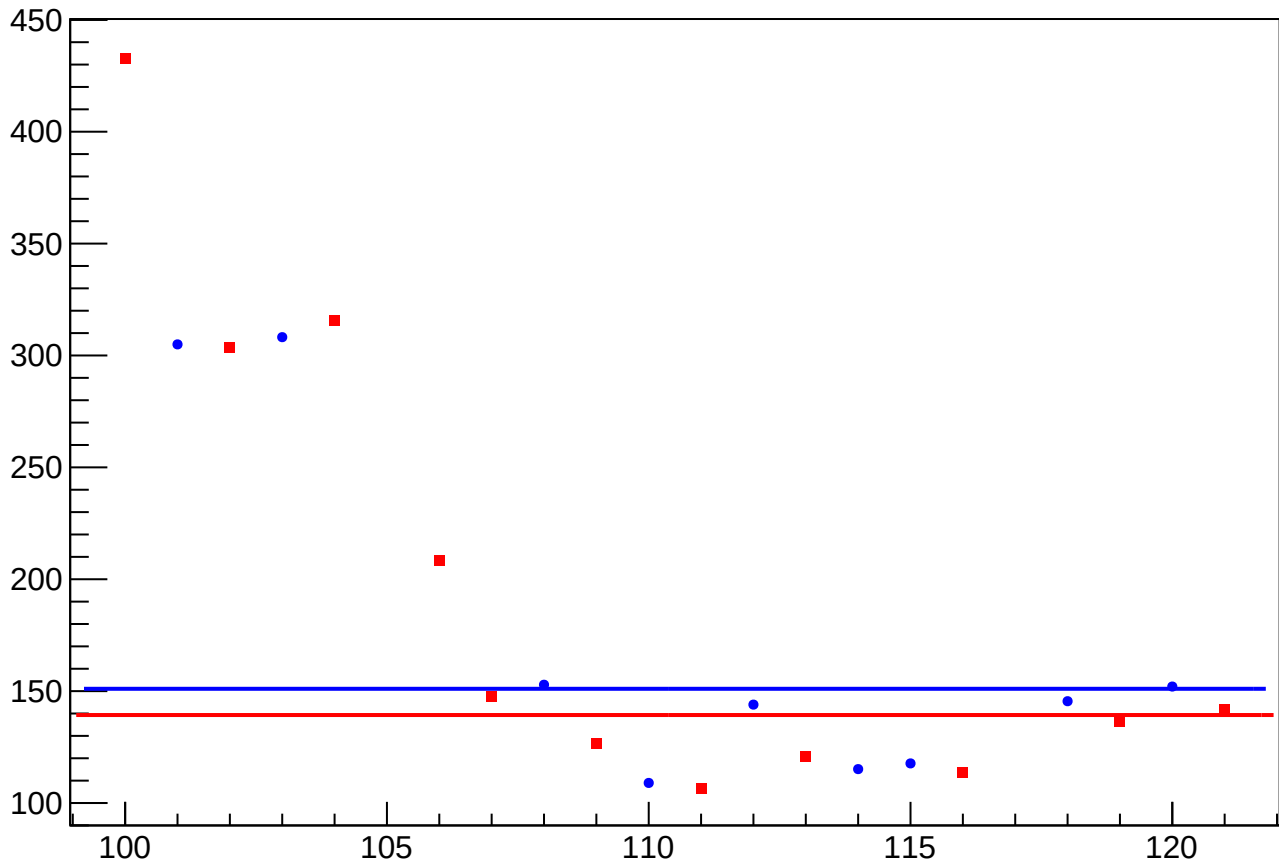
All: 117.889 $\pm$ 0.032 χ^2 /NDF: 2580032.2/19

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 127386.213+/-0.086 χ^2 /NDF: 55413282.1/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 127519.770+/-0.055 χ^2 /NDF: 145337829.6/1
 In: 127386.213+/-0.086 χ^2 /NDF: 55413282.1/8
 Right Out: 127611.263+/-0.071 χ^2 /NDF: 85823890.0/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 127519.770+/-0.055 χ^2 /NDF: 145337829.6/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 151.044+/-0.061 χ^2/NDF : 798479.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.319+/-0.050 χ^2/NDF : 969170.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

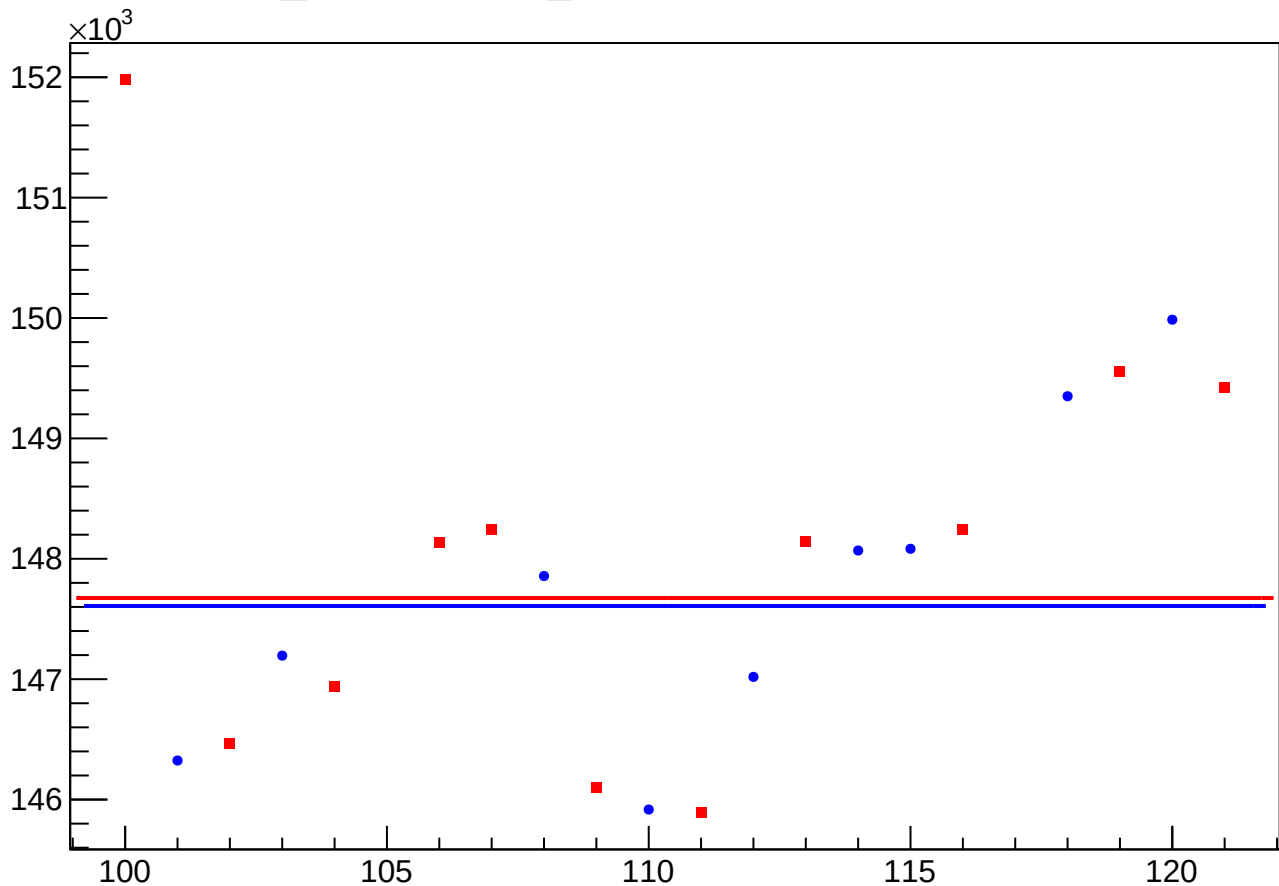
Right: 144.086+/-0.039 χ^2/NDF : 1789909.4/19

In: 151.044+/-0.061 χ^2/NDF : 798479.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

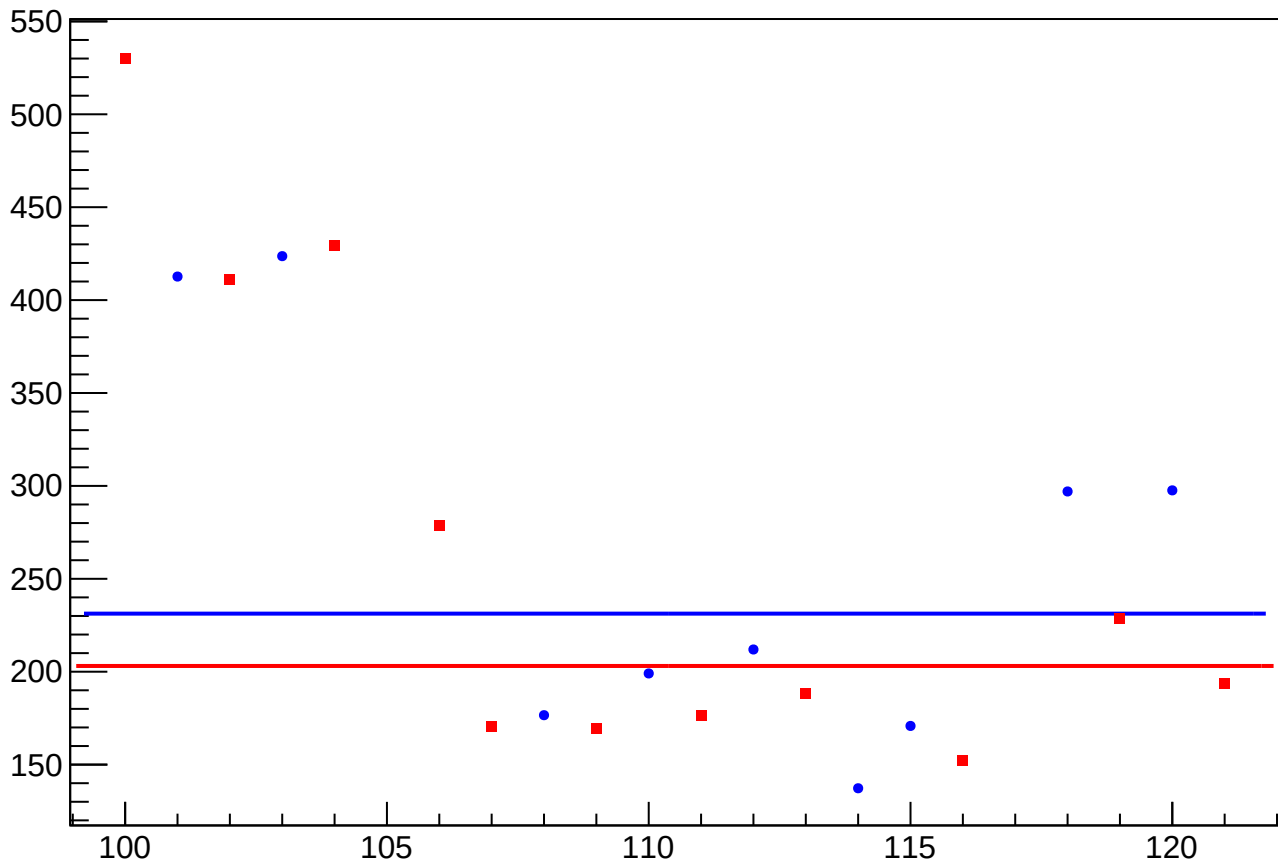
All: 144.086+/-0.039 χ^2/NDF : 1789909.4/19

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147607.776+/-0.132 χ^2 /NDF: 76900630.2/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 147674.172+/-0.103 χ^2 /NDF: 181759935.1/10
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147648.956+/-0.081 χ^2 /NDF: 258817600.3/10

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 231.258+/-0.093 χ^2/NDF : 821026.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.091+/-0.073 χ^2/NDF : 863578.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

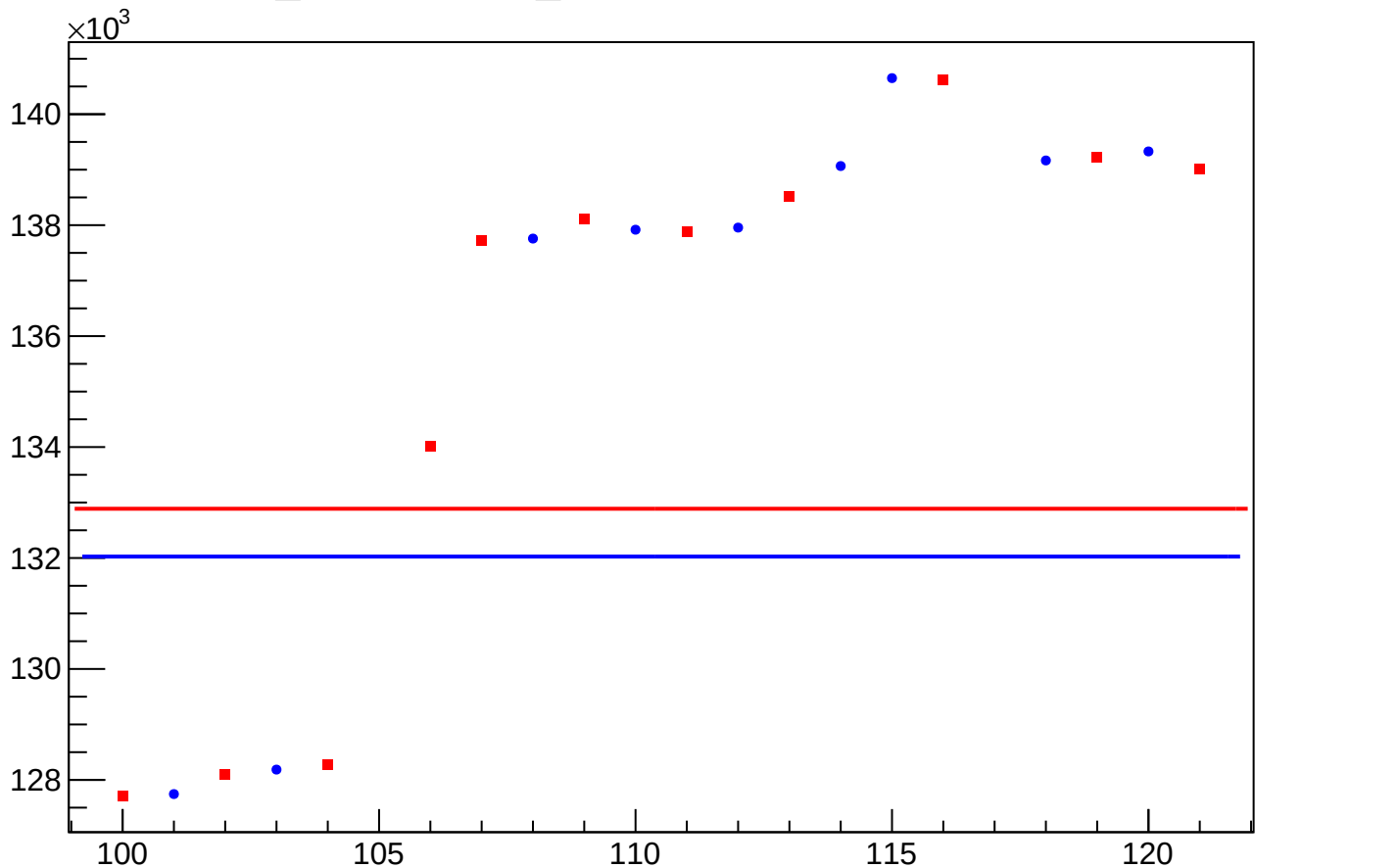
Right: 213.789+/-0.057 χ^2/NDF : 1741126.0/19

In: 231.258+/-0.093 χ^2/NDF : 821026.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.789+/-0.057 χ^2/NDF : 1741126.0/19

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 132470.060+/-0.154 χ^2 /NDF: 1128782590.0/8

In: 132025.698+/-0.221 χ^2 /NDF: 544616601.0/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 132470.060+/-0.154 χ^2 /NDF: 1128782590.0/8

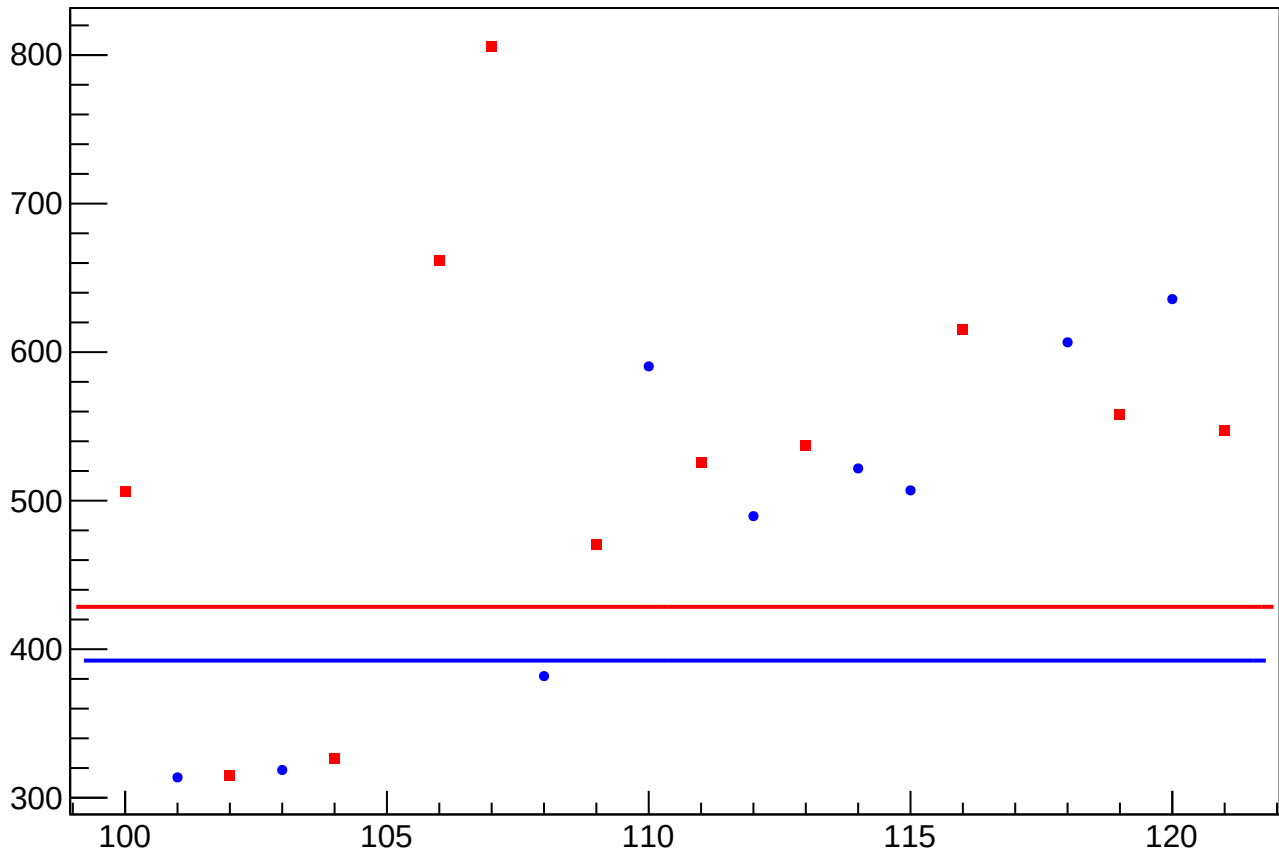
Right In: 132025.698+/-0.221 χ^2 /NDF: 544616601.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 132887.969+/-0.215 χ^2 /NDF: 576337848.8/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 392.343+/-0.156 χ^2/NDF : 504875.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.531+/-0.152 χ^2/NDF : 658212.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

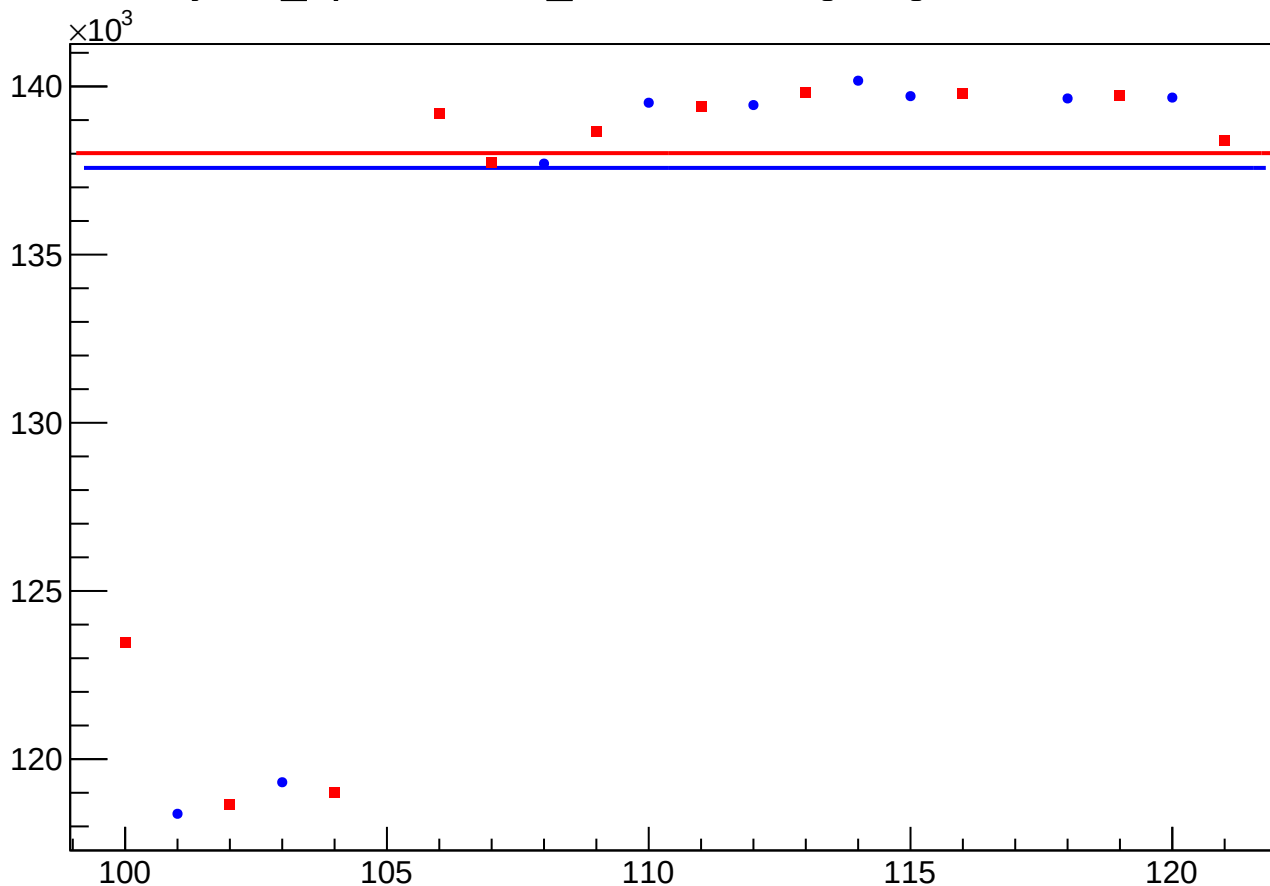
Right: 410.992+/-0.109 χ^2/NDF : 1190664.6/19

In: 392.343+/-0.156 χ^2/NDF : 504875.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.992+/-0.109 χ^2/NDF : 1190664.6/19

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 137578.137+/-0.088 χ^2 /NDF: 4400202045.5/8

Right: 137825.380+/-0.058 χ^2 /NDF: 8600750848.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 138017.442+/-0.078 χ^2 /NDF: 4186514877.6/10

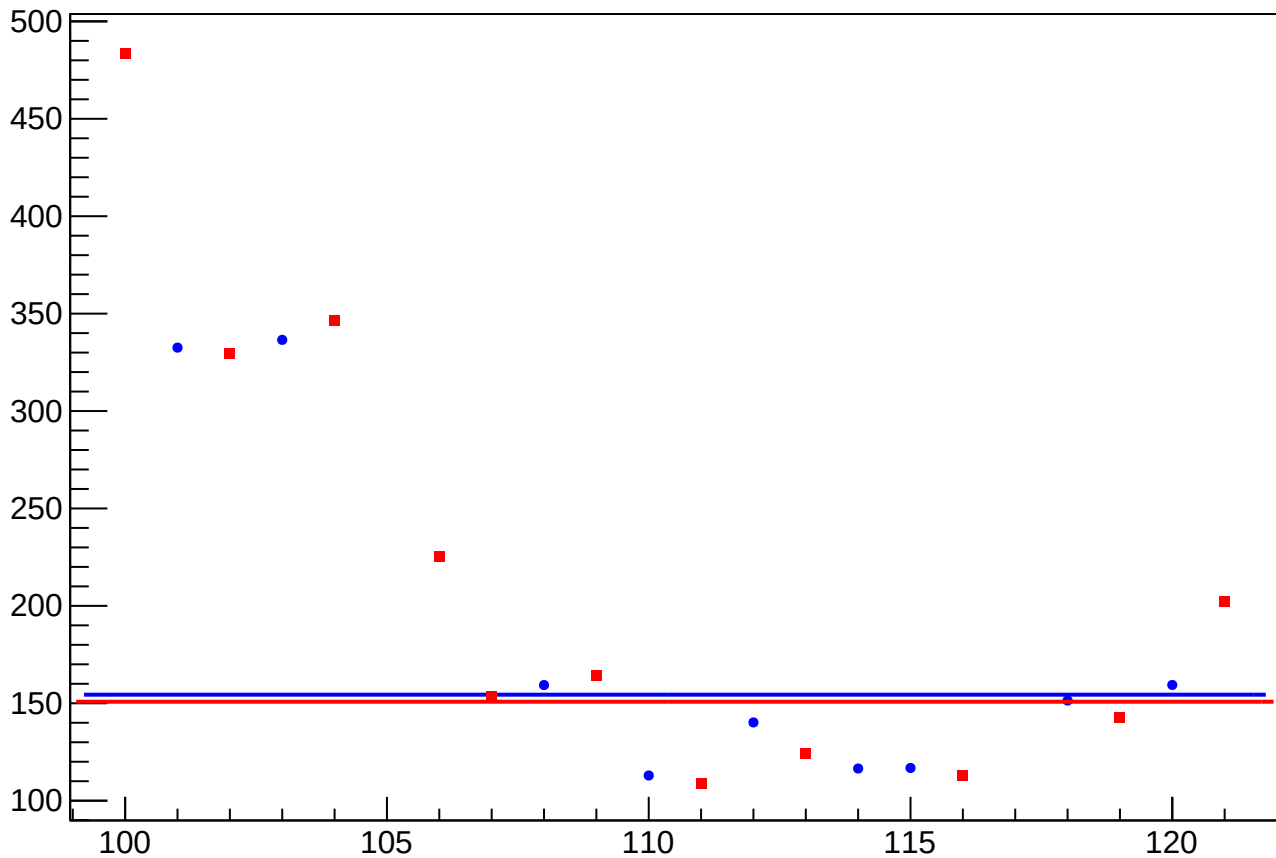
In: 137578.137+/-0.088 χ^2 /NDF: 4400202045.5/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137825.380+/-0.058 χ^2 /NDF: 8600750848.1/10

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 154.416+/-0.062 χ^2/NDF : 884694.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.802+/-0.055 χ^2/NDF : 1128674.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

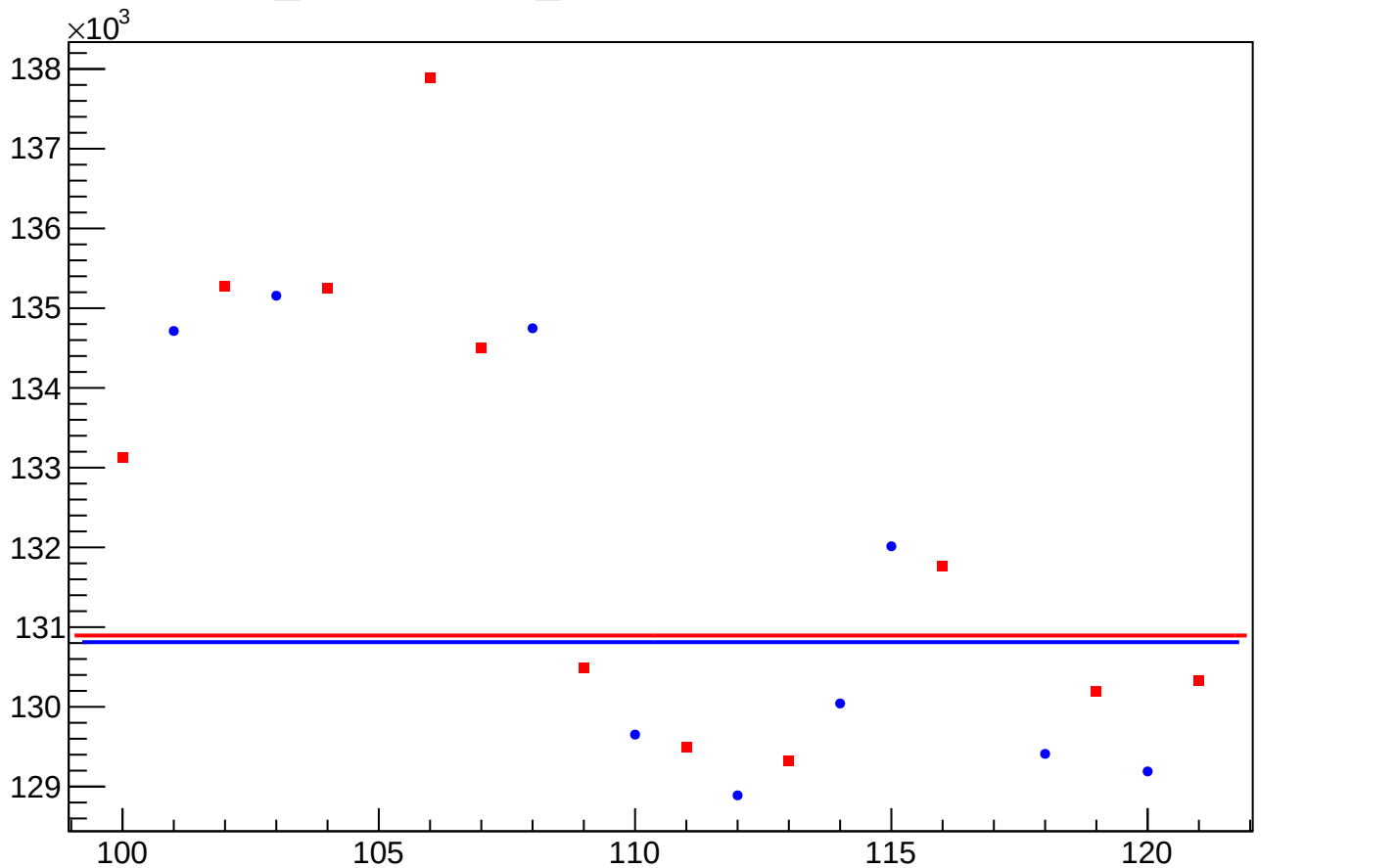
Right: 152.382+/-0.041 χ^2/NDF : 2015269.4/19

In: 154.416+/-0.062 χ^2/NDF : 884694.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

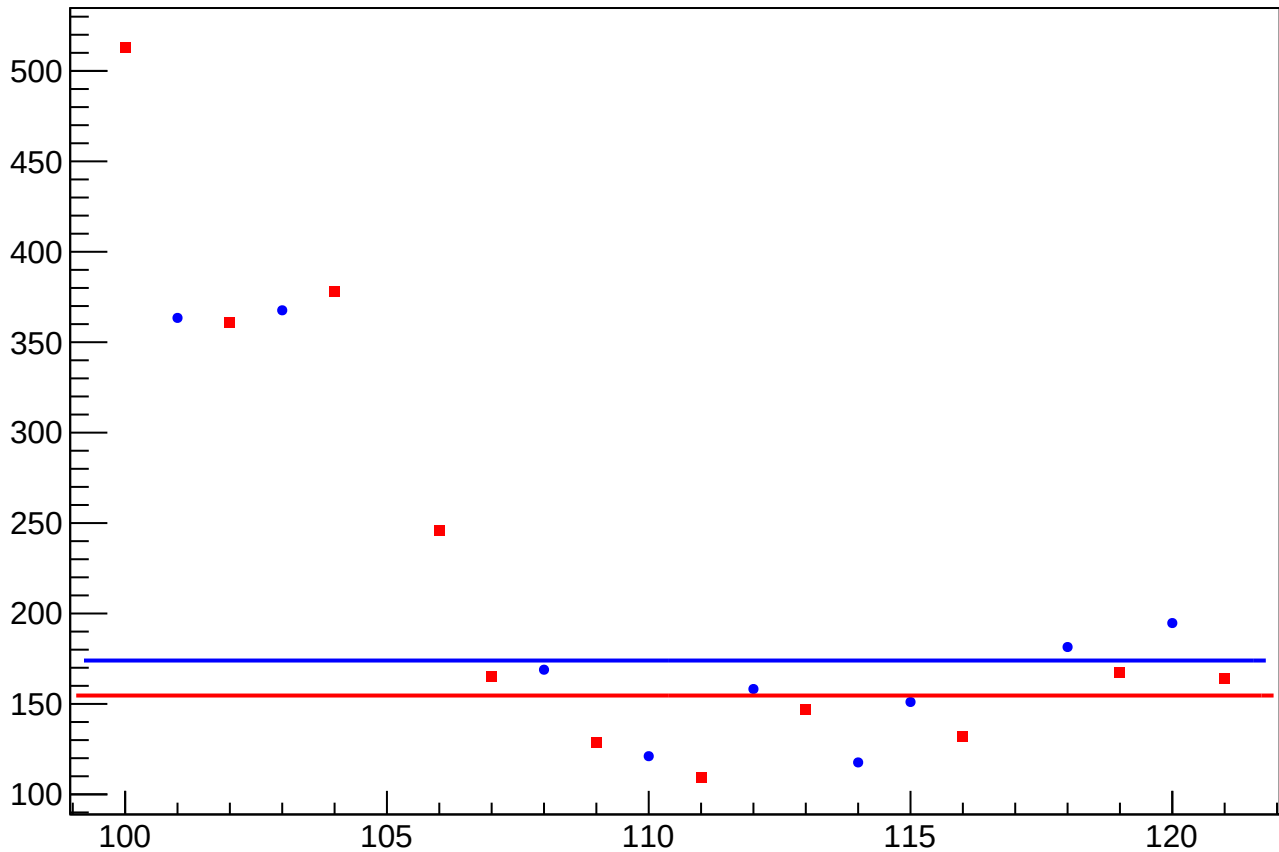
All: 152.382+/-0.041 χ^2/NDF : 2015269.4/19

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 130862.186+/-0.063 χ^2/NDF : 1165779705.1
 Right In: 130811.111+/-0.101 χ^2/NDF : 525065950.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 130811.111+/-0.101 χ^2/NDF : 525065950.9/8
 Right Out: 130894.798+/-0.081 χ^2/NDF : 640294945.4/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 130862.186+/-0.063 χ^2/NDF : 1165779705.1

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 173.995+/-0.071 χ^2/NDF : 892510.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.642+/-0.057 χ^2/NDF : 1142768.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

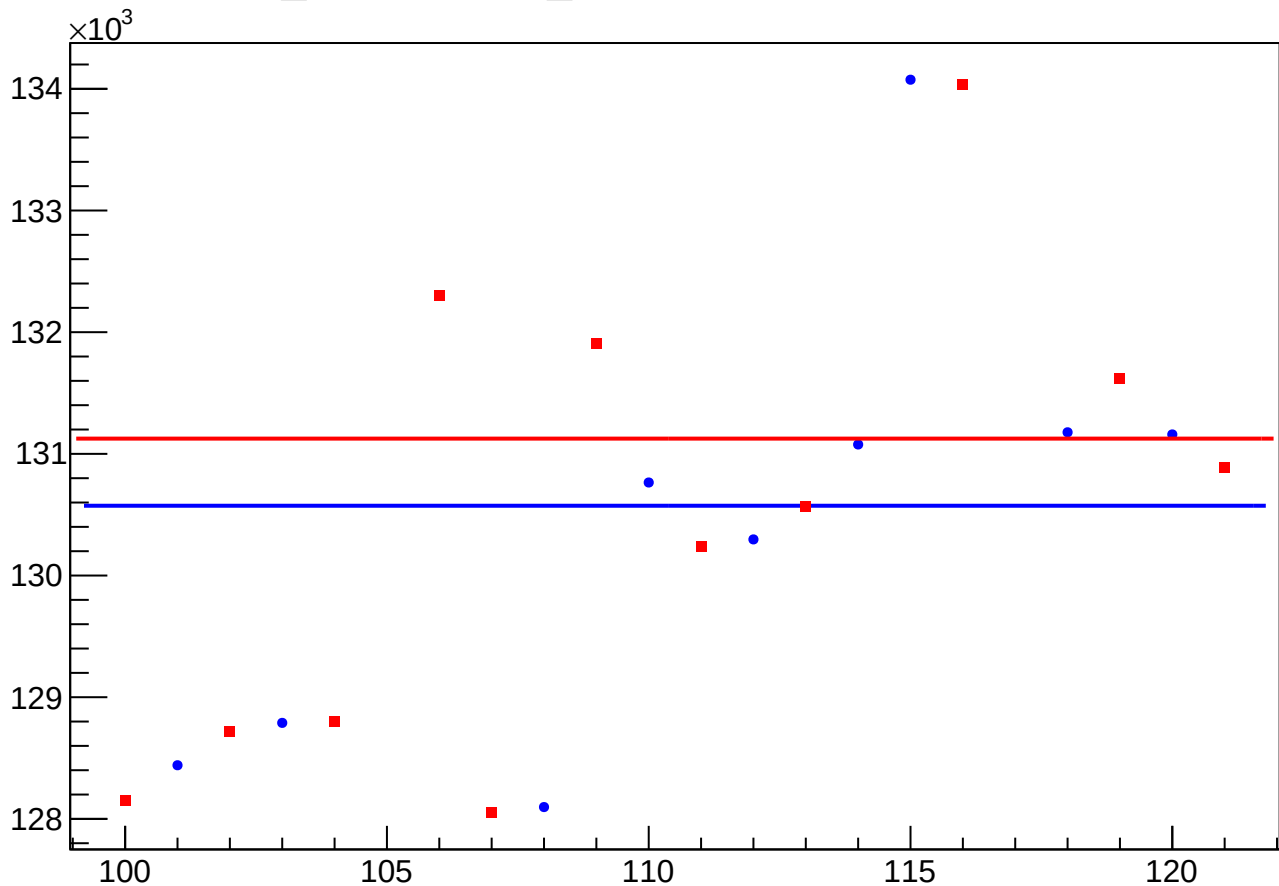
Right: 162.184+/-0.045 χ^2/NDF : 2080074.1/19

In: 173.995+/-0.071 χ^2/NDF : 892510.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

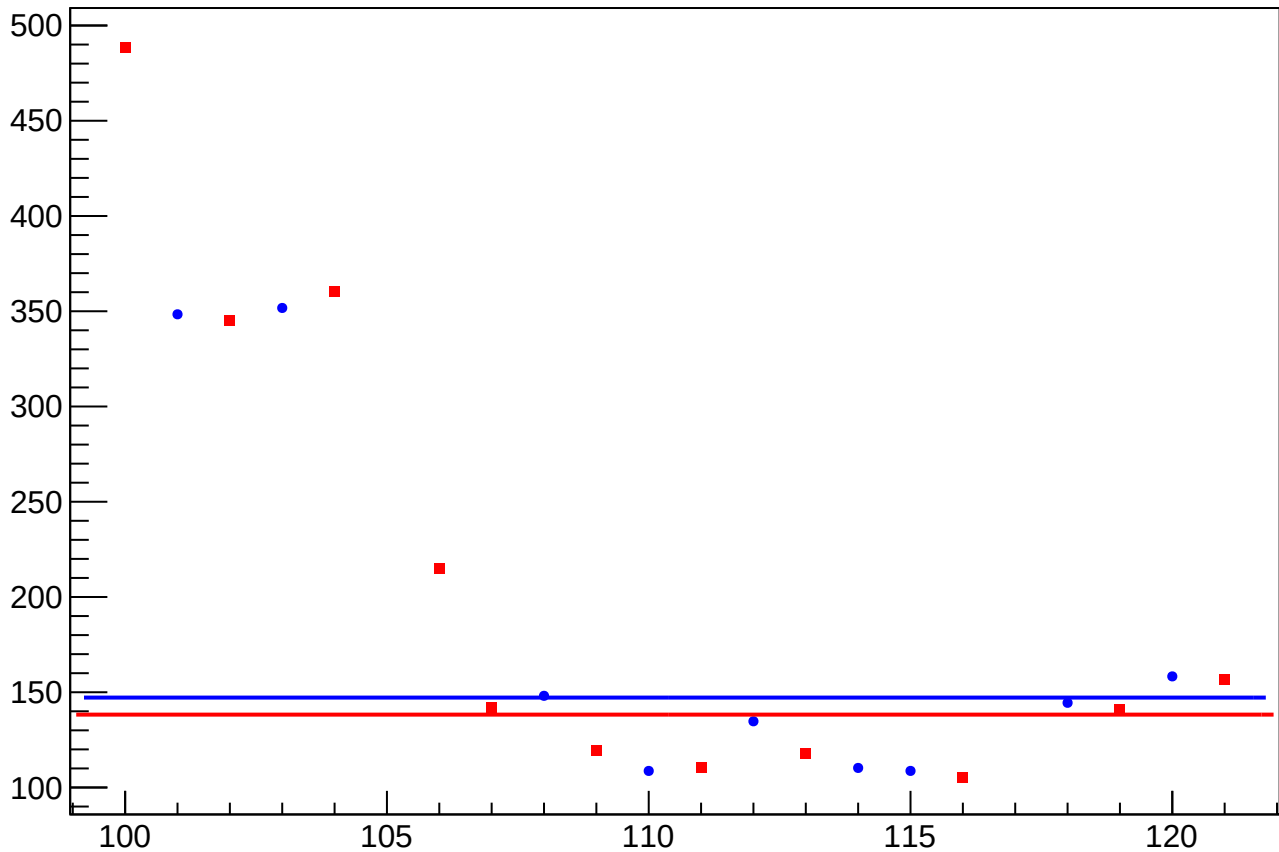
All: 162.184+/-0.045 χ^2/NDF : 2080074.1/19

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 130573.617+/-0.085 χ^2 /NDF: 299529645.7/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 130896.746+/-0.054 χ^2 /NDF: 756284678.7/10
 In: 130573.617+/-0.085 χ^2 /NDF: 299529645.7/8
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 130896.746+/-0.054 χ^2 /NDF: 756284678.7/10

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 147.197+/-0.060 χ^2/NDF : 1001903.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.251+/-0.050 χ^2/NDF : 1169914.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

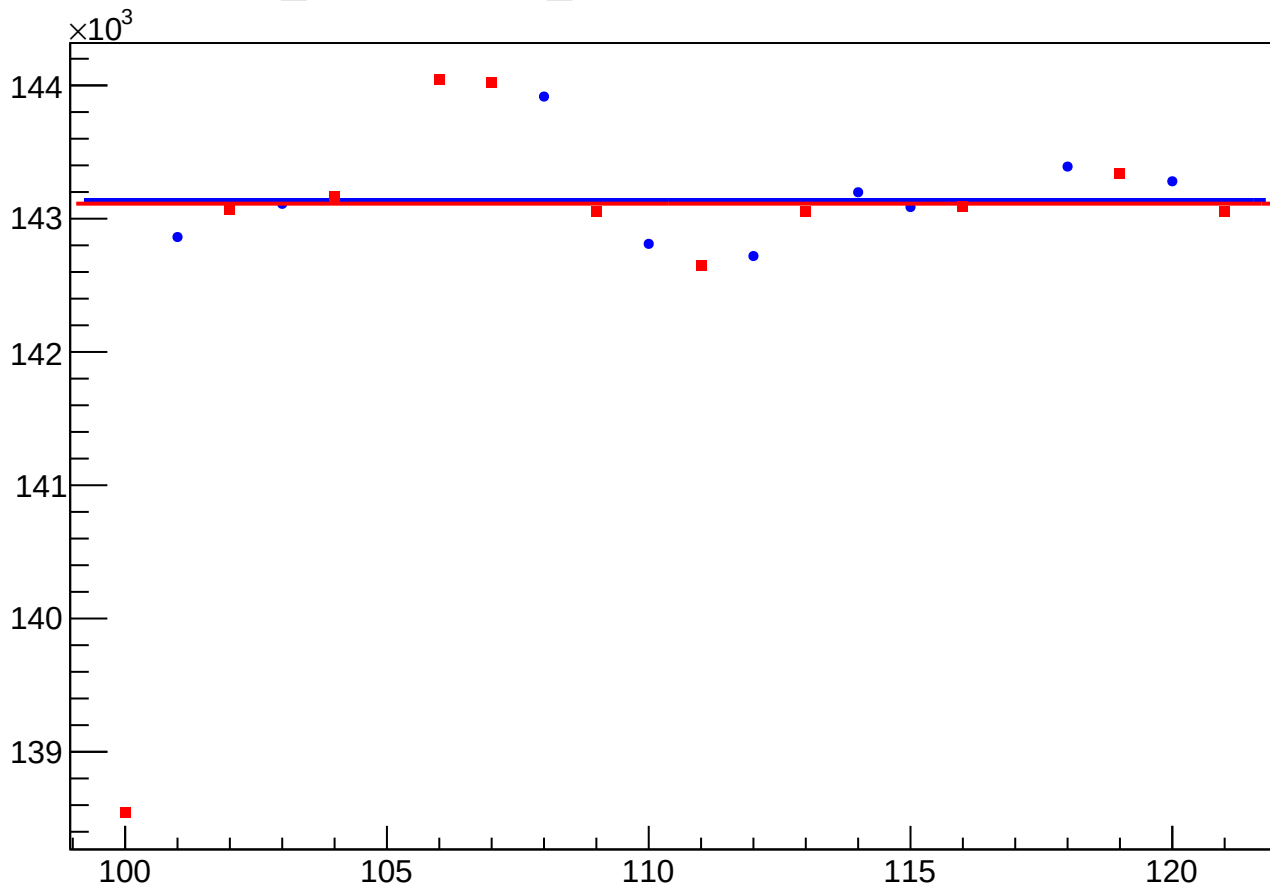
Right: 141.958+/-0.039 χ^2/NDF : 2184903.1/19

In: 147.197+/-0.060 χ^2/NDF : 1001903.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.958+/-0.039 χ^2/NDF : 2184903.1/19

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143124.012+/-0.058 χ^2 /NDF: 43722033.8/19

In: 143140.149+/-0.091 χ^2 /NDF:17413503.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 143124.012+/-0.058 χ^2 /NDF: 43722033.8/19

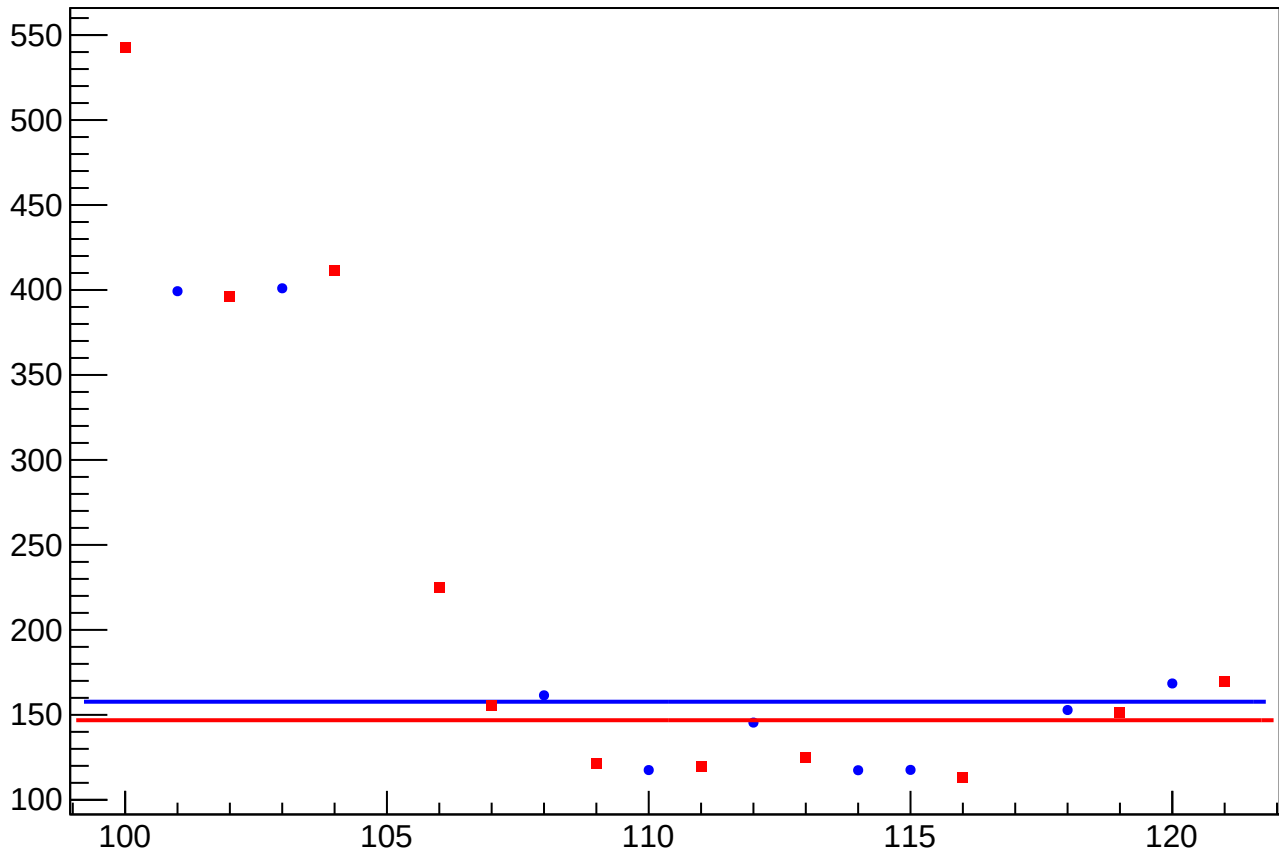
Right In: 143140.149+/-0.091 χ^2 /NDF: 17413503.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143112.798+/-0.076 χ^2 /NDF: 26255363.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 157.734+/-0.064 χ^2/NDF : 1074730.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.847+/-0.054 χ^2/NDF : 1263608.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

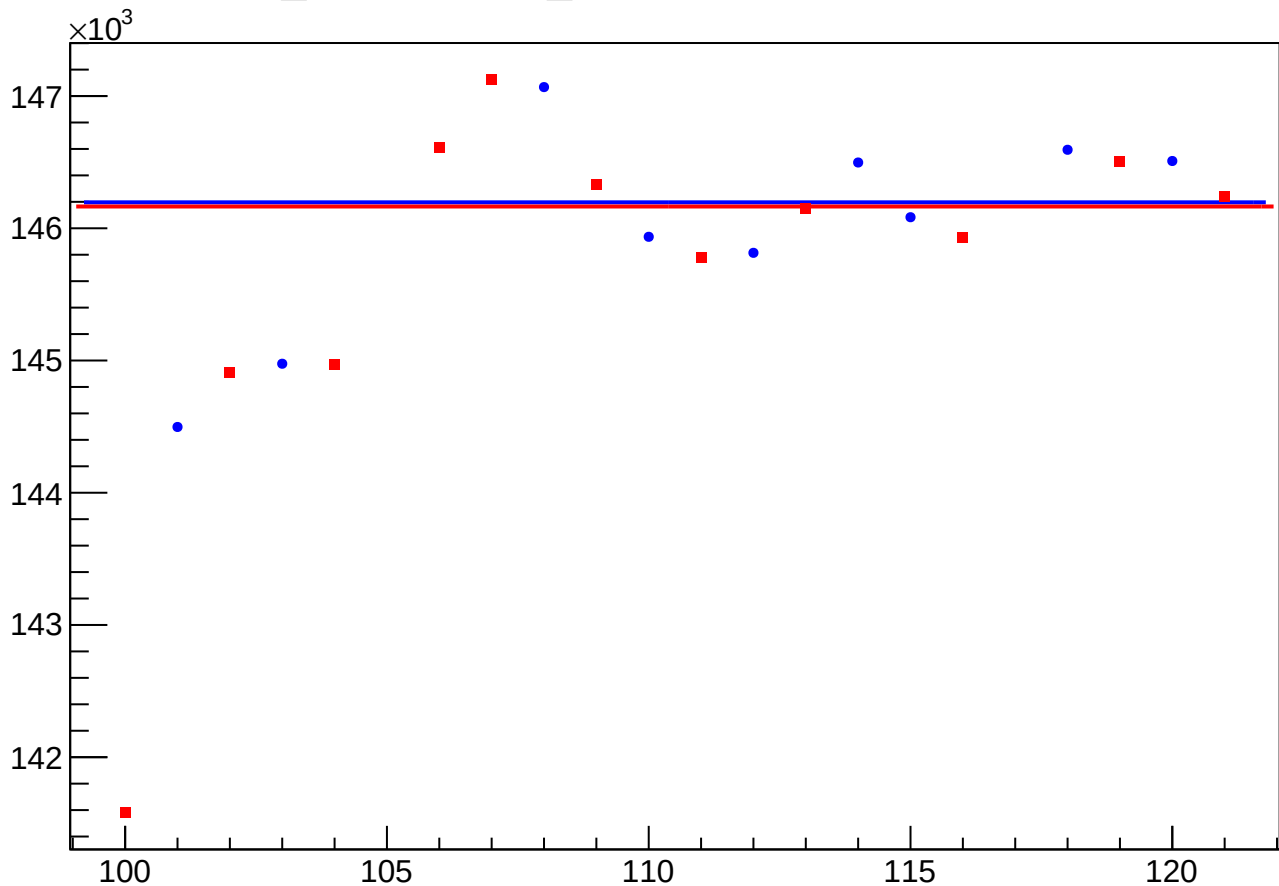
Right: 151.311+/-0.041 χ^2/NDF : 2355184.2/19

In: 157.734+/-0.064 χ^2/NDF : 1074730.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.311+/-0.041 χ^2/NDF : 2355184.2/19

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 146177.632+/-0.060 χ^2 /NDF: 73561991.1/19

In: 146196.258+/-0.094 χ^2 /NDF: 38411598.9/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146177.632+/-0.060 χ^2 /NDF: 73561991.1/19

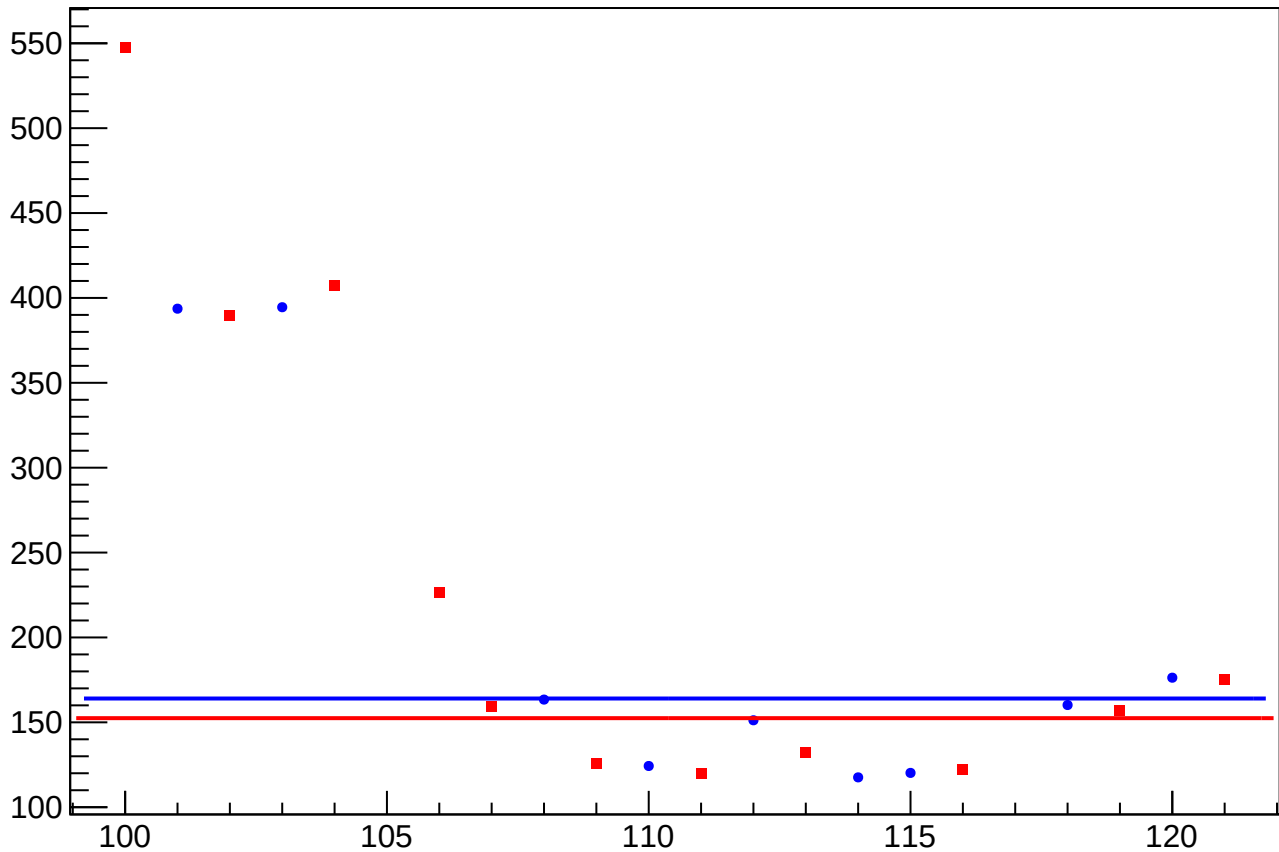
Right In: 146196.258+/-0.094 χ^2 /NDF: 38411598.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146164.749+/-0.078 χ^2 /NDF: 35084416.0/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 164.029+/-0.067 χ^2/NDF : 1010266.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.456+/-0.055 χ^2/NDF : 1198949.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

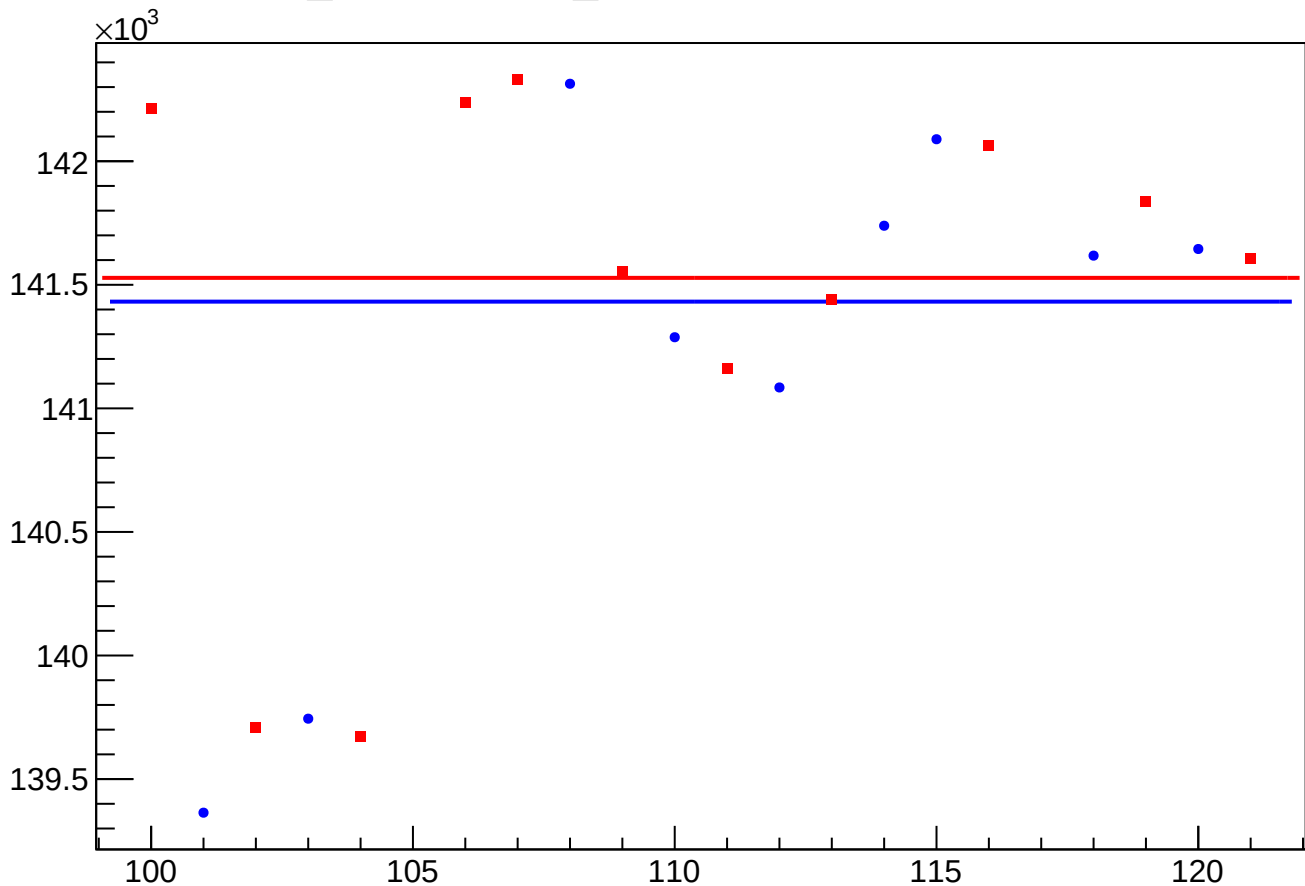
Right: 157.188+/-0.043 χ^2/NDF : 2227016.6/19

In: 164.029+/-0.067 χ^2/NDF : 1010266.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

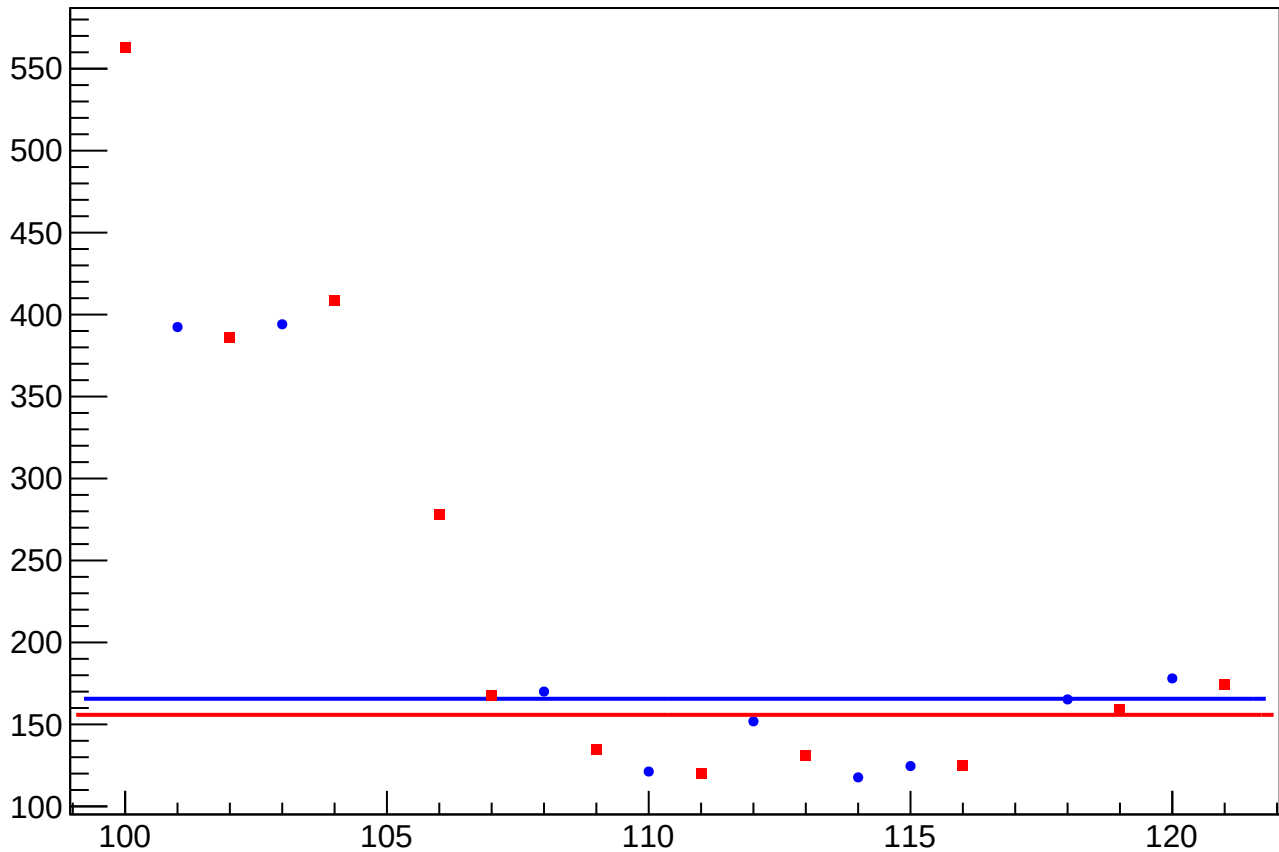
All: 157.188+/-0.043 χ^2/NDF : 2227016.6/19

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141431.886 $\pm$ 0.095 χ^2 /NDF: 47995124.1/8
 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: 141488.113 $\pm$ 0.061 χ^2 /NDF: 92006548.0/19
 Right Out: 141528.053 $\pm$ 0.080 χ^2 /NDF: 43416594.6/10
 In: 141431.886 $\pm$ 0.095 χ^2 /NDF: 47995124.1/8
 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: 141488.113 $\pm$ 0.061 χ^2 /NDF: 92006548.0/19

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 165.636+/-0.067 χ^2/NDF : 1013390.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.837+/-0.057 χ^2/NDF : 1220005.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

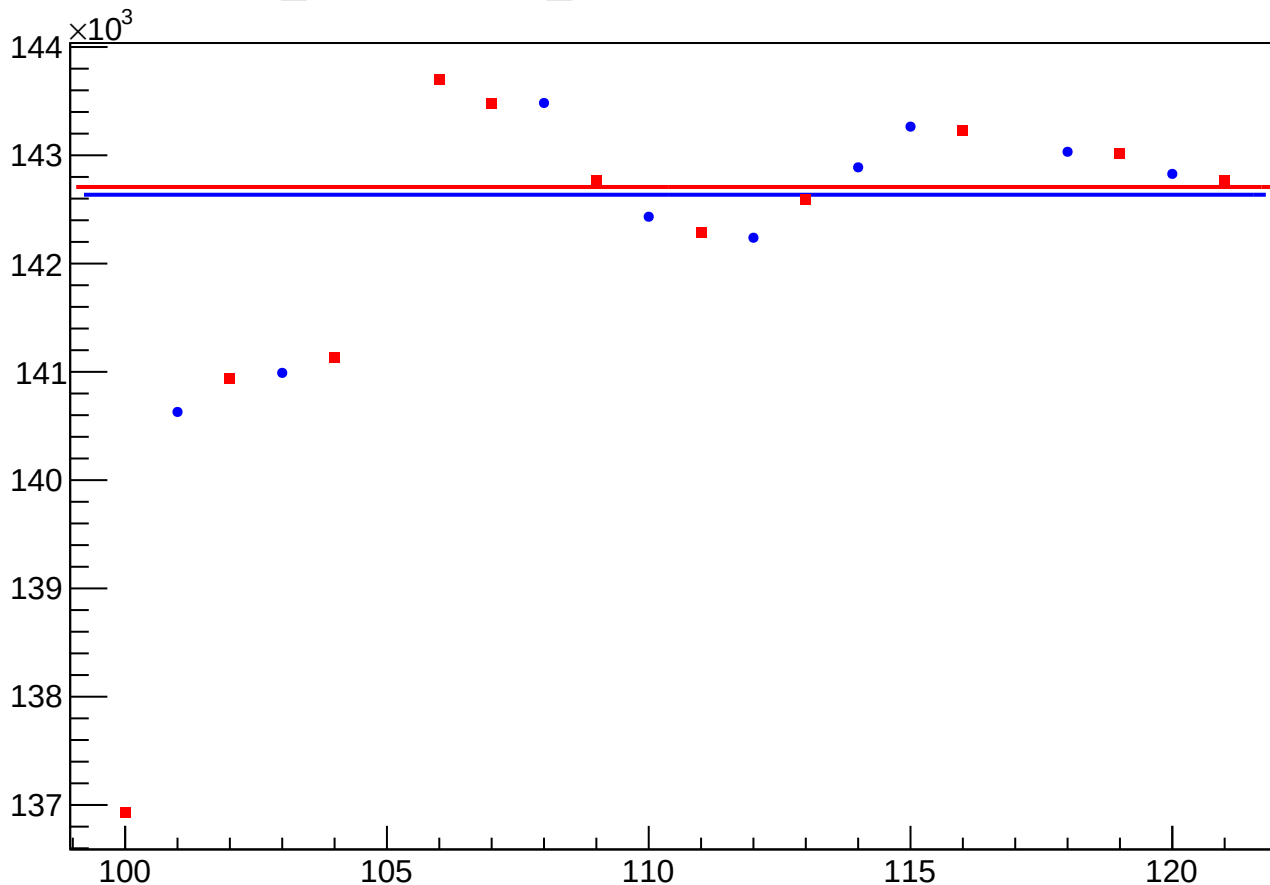
Right: 159.907+/-0.043 χ^2/NDF : 2245748.6/19

In: 165.636+/-0.067 χ^2/NDF : 1013390.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.907+/-0.043 χ^2/NDF : 2245748.6/19

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142635.668+/-0.096 χ^2 /NDF: 47962840.0/8

Right: 142678.235+/-0.061 χ^2 /NDF: 100199472.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142707.324+/-0.080 χ^2 /NDF: 51908809.3/10

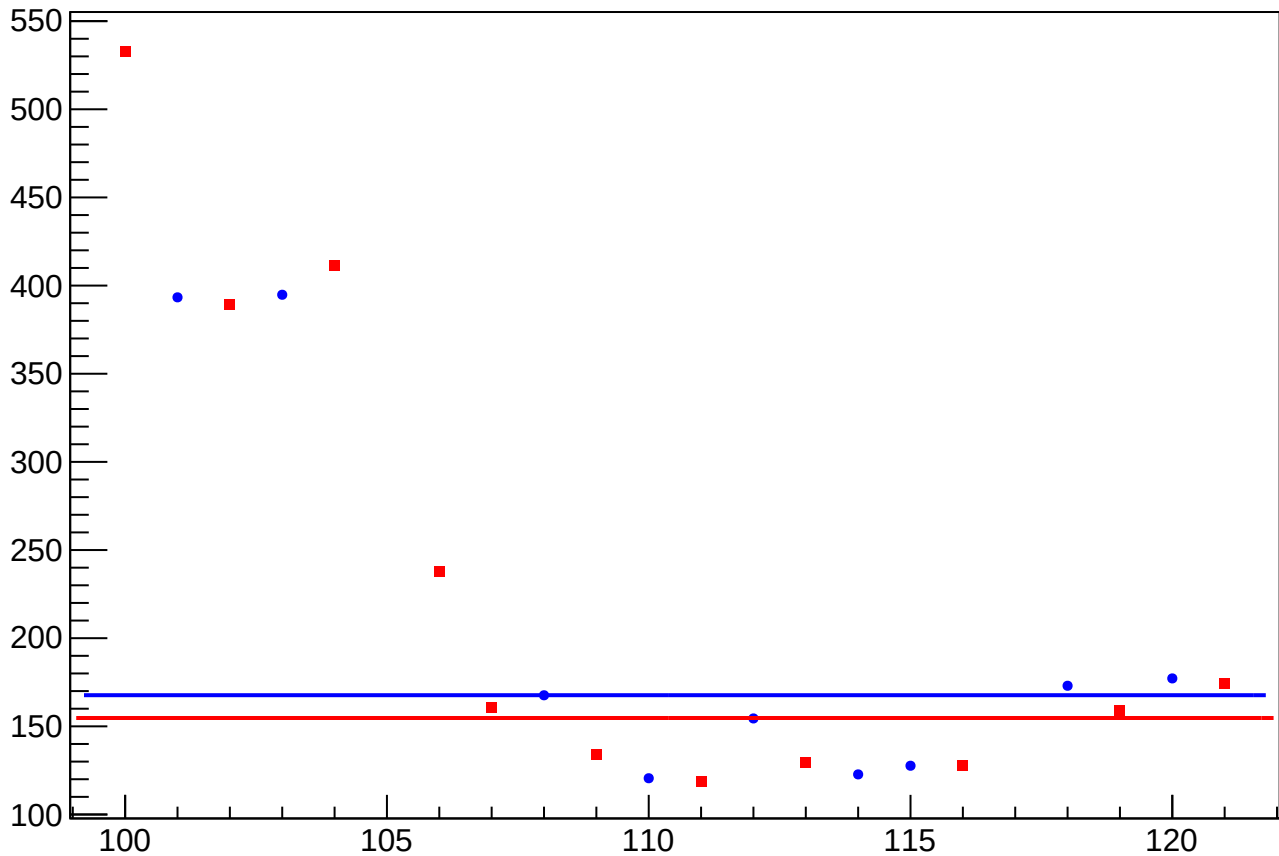
In: 142635.668+/-0.096 χ^2 /NDF: 47962840.0/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142678.235+/-0.061 χ^2 /NDF: 100199472.0/1

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 167.665+/-0.068 χ^2/NDF : 1003430.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.734+/-0.056 χ^2/NDF : 1180949.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

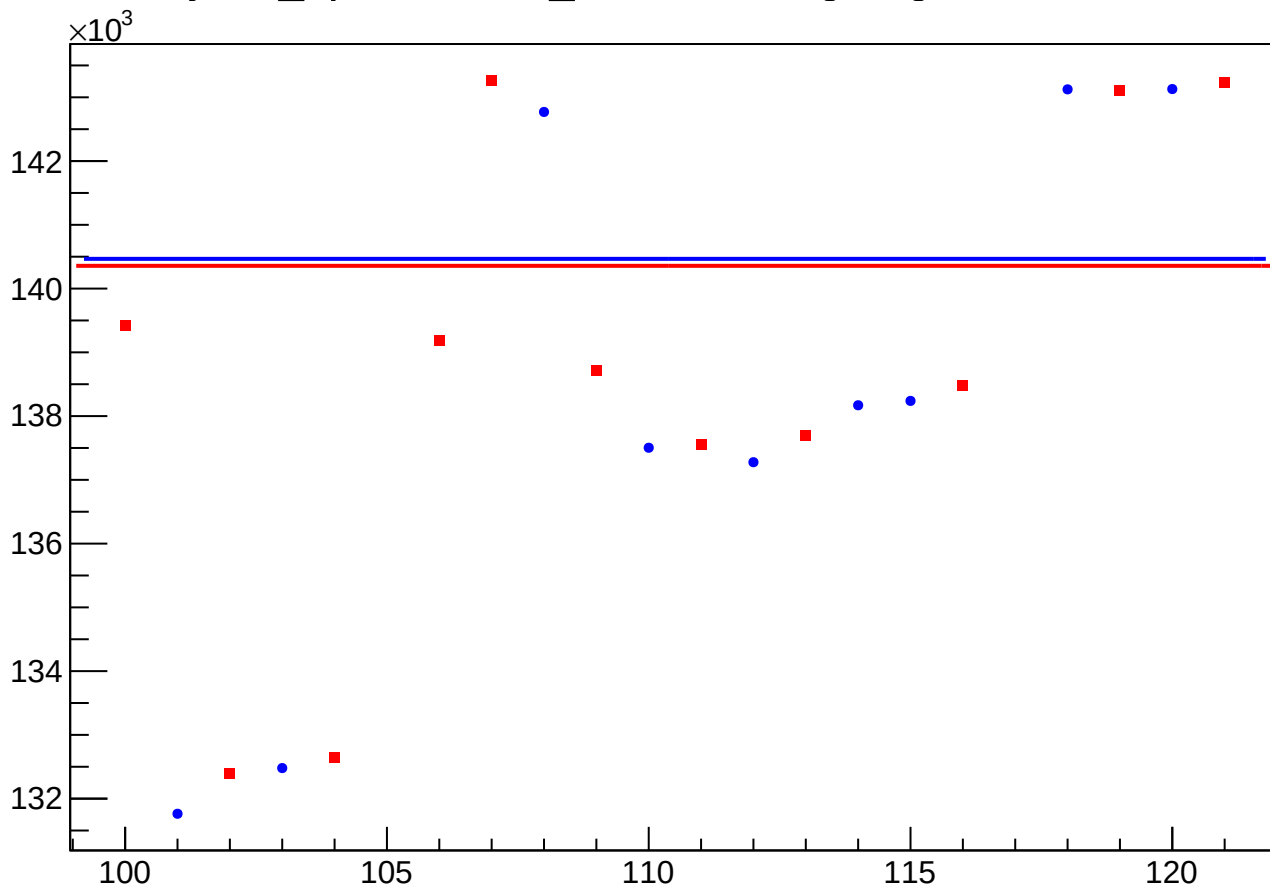
Right: 159.984+/-0.043 χ^2/NDF : 2205731.7/19

In: 167.665+/-0.068 χ^2/NDF : 1003430.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.984+/-0.043 χ^2/NDF : 2205731.7/19

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140466.447+/-0.147 χ^2 /NDF: 683463770.0/8

Right: 140407.087+/-0.099 χ^2 /NDF: 1328401264.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 140356.957+/-0.135 χ^2 /NDF: 644636530.5/10

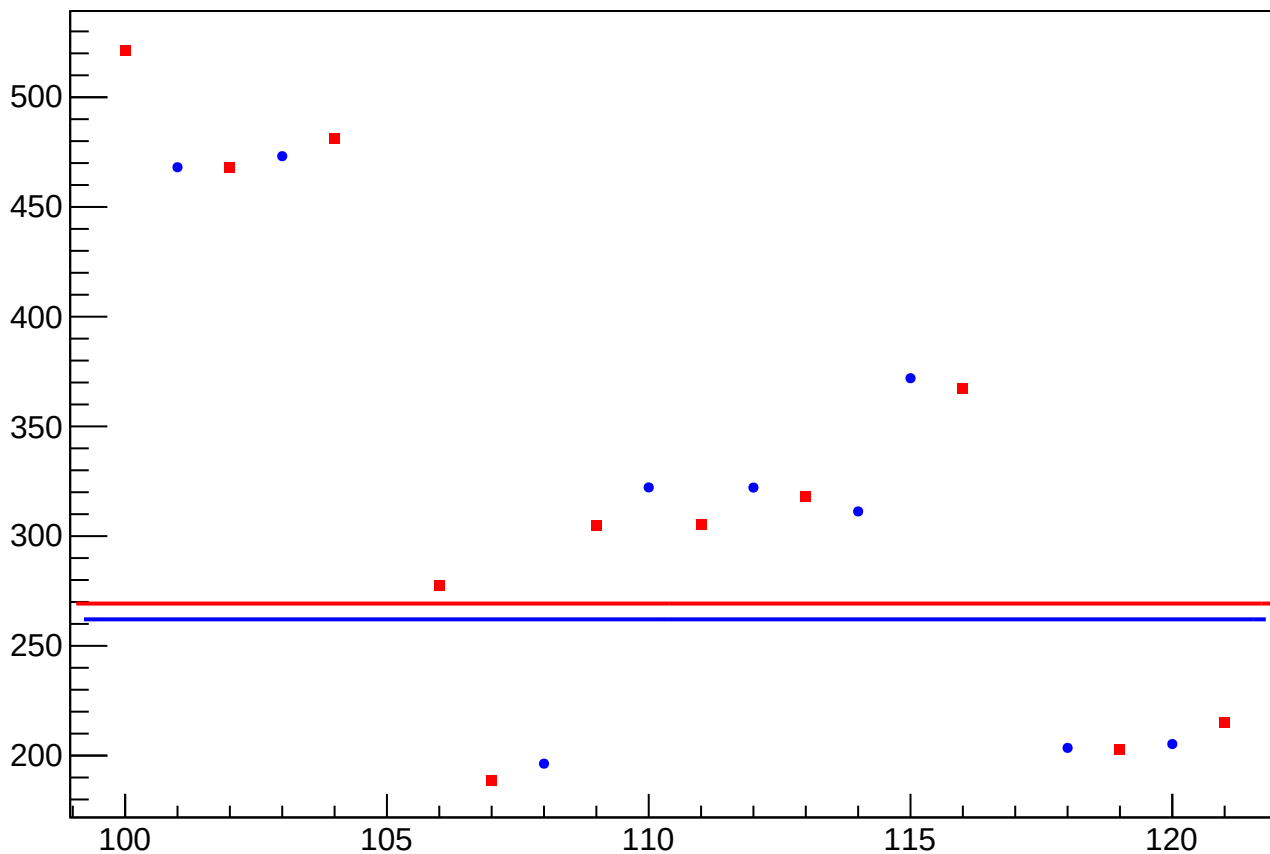
In: 140466.447+/-0.147 χ^2 /NDF: 683463770.0/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140407.087+/-0.099 χ^2 /NDF: 1328401264.4/10

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 262.077+/-0.104 χ^2/NDF : 804473.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.284+/-0.095 χ^2/NDF : 800537.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

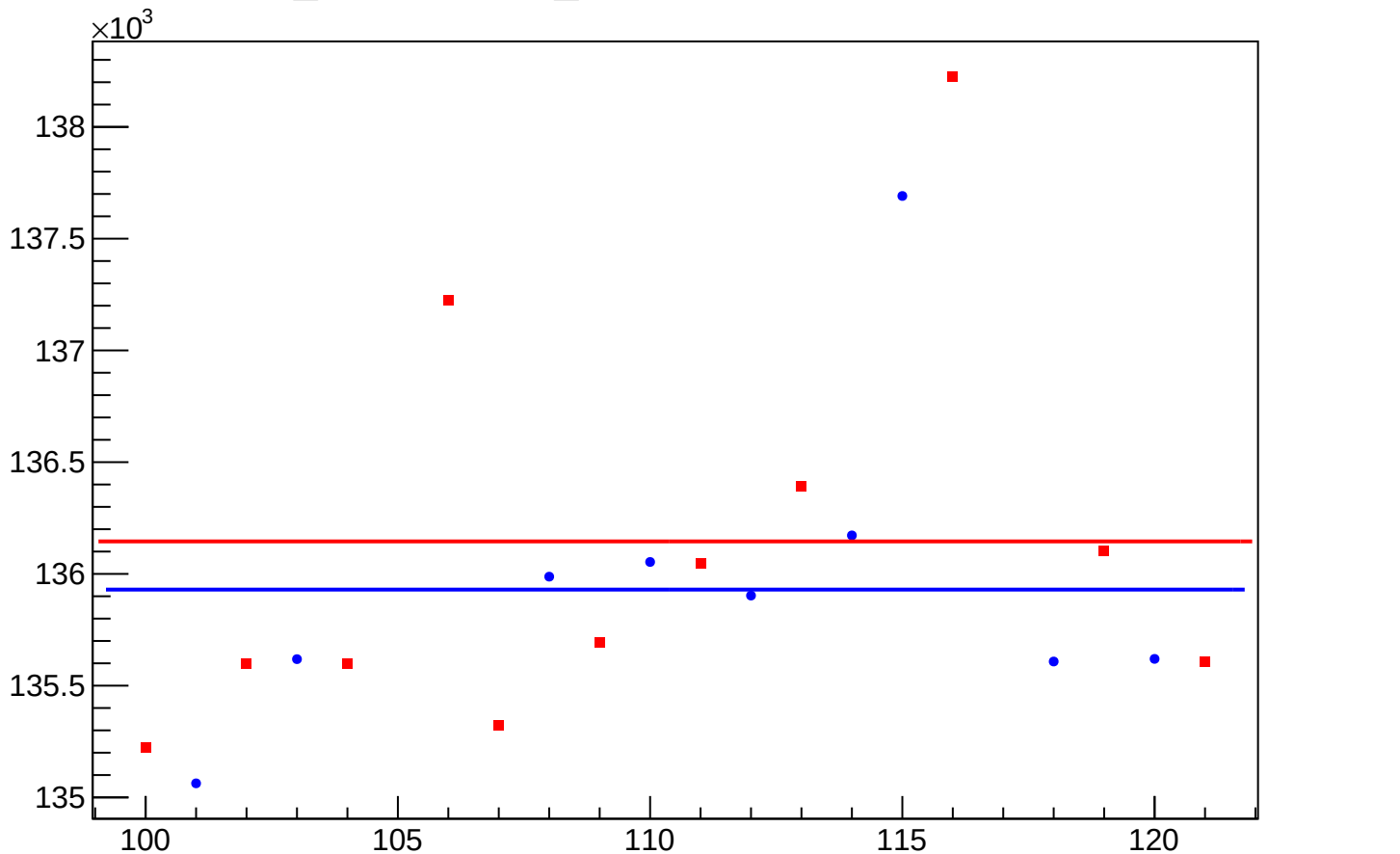
Right: 265.984+/-0.070 χ^2/NDF : 1607619.4/19

In: 262.077+/-0.104 χ^2/NDF : 804473.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

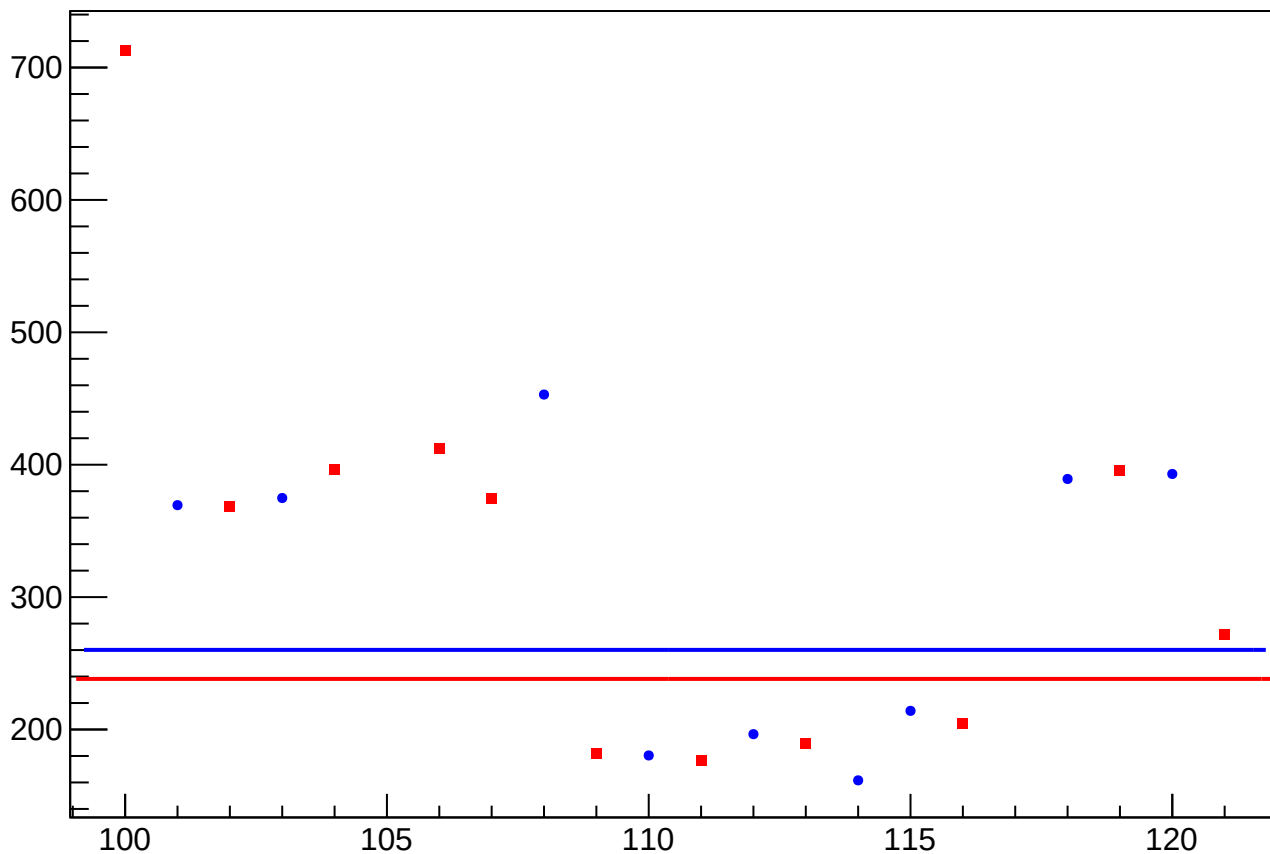
All: 265.984+/-0.070 χ^2/NDF : 1607619.4/19

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135929.798 $\pm$ 0.148 χ^2 /NDF: 14092212.9/8
 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: 136058.001 $\pm$ 0.094 χ^2 /NDF: 51905323.1/19
 Right Out: 136145.416 $\pm$ 0.122 χ^2 /NDF: 36543552.4/10
 In: 135929.798 $\pm$ 0.148 χ^2 /NDF: 14092212.9/8
 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: 136058.001 $\pm$ 0.094 χ^2 /NDF: 51905323.1/19

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 260.141+/-0.104 χ^2/NDF : 887057.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.212+/-0.086 χ^2/NDF : 1010763.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

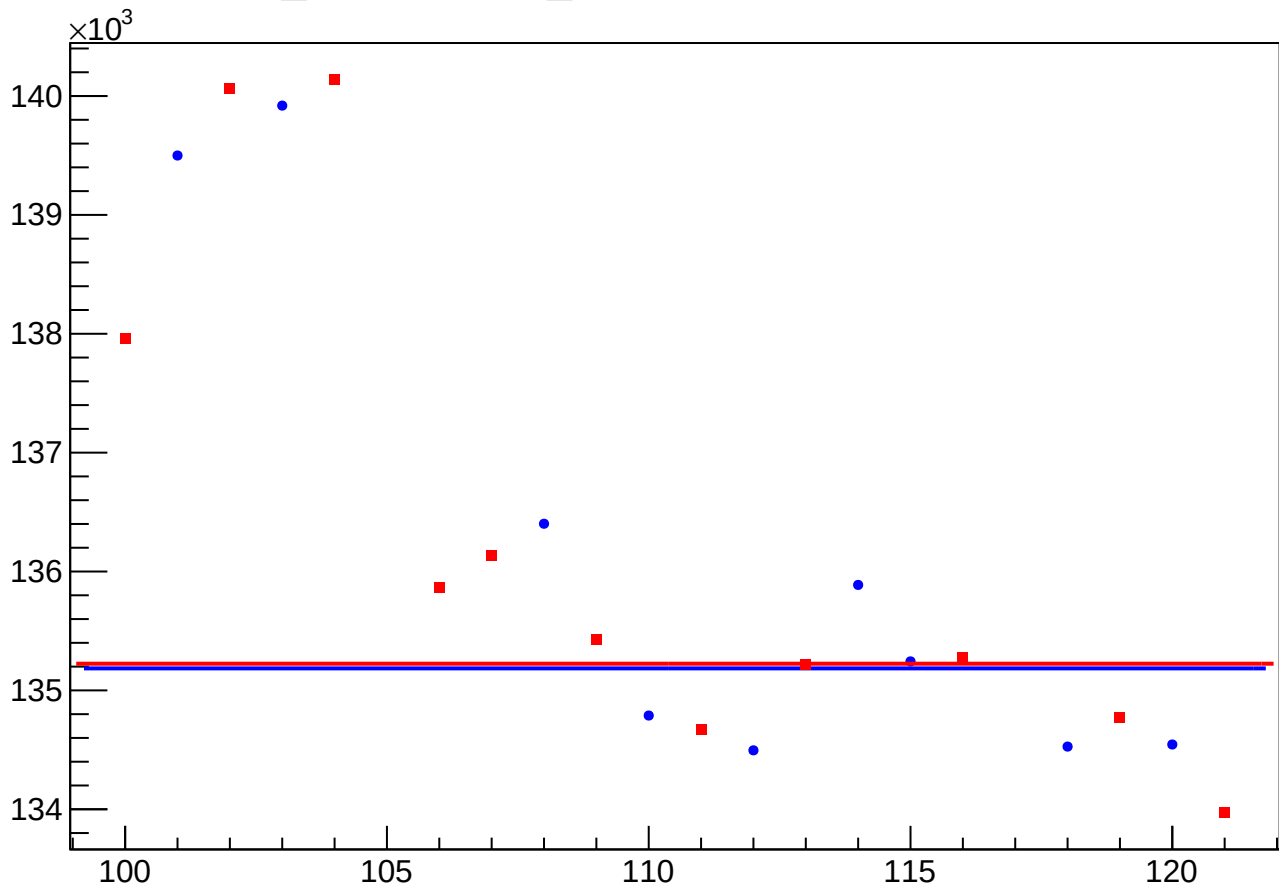
Right: 247.103+/-0.066 χ^2/NDF : 1924084.2/19

In: 260.141+/-0.104 χ^2/NDF : 887057.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.103+/-0.066 χ^2/NDF : 1924084.2/19

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 135207.298+/-0.048 χ^2 /NDF: 527669461.1/1

In: 135185.001+/-0.073 χ^2 /NDF: 273210436.3/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135207.298+/-0.048 χ^2 /NDF: 527669461.1/1

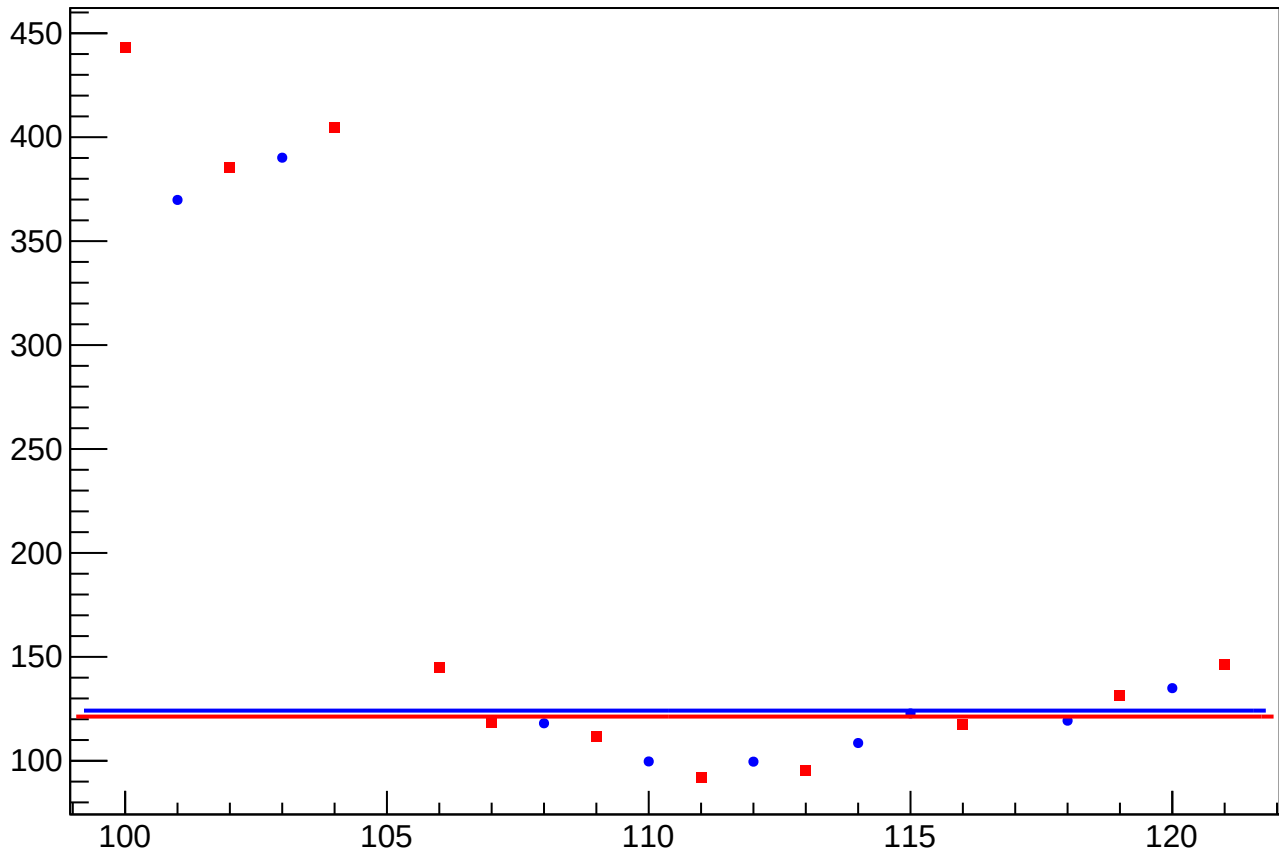
Right In: 135185.001+/-0.073 χ^2 /NDF: 273210436.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135224.540+/-0.064 χ^2 /NDF: 254292399.4/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 124.154+/-0.051 χ^2/NDF : 1246689.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.284+/-0.045 χ^2/NDF : 1396441.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

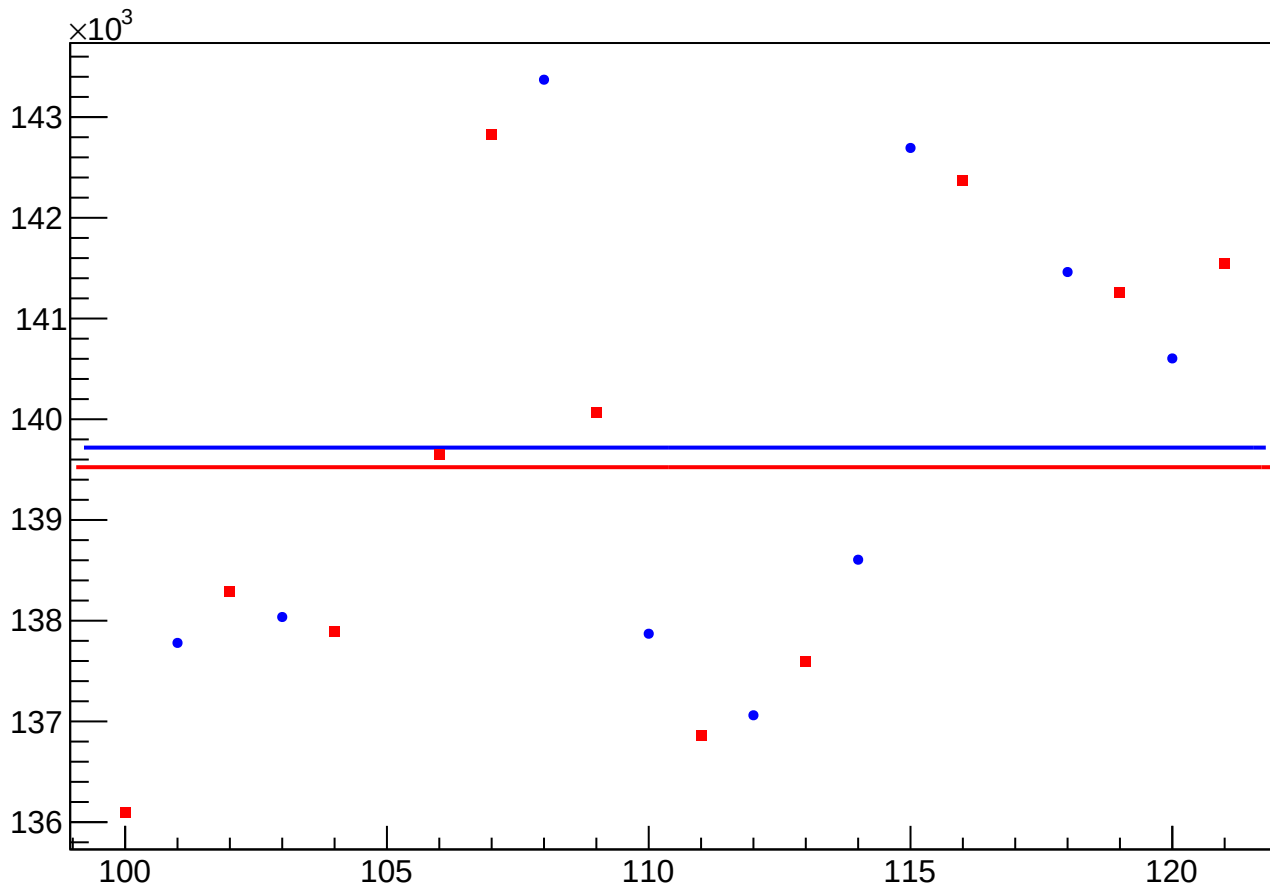
Right: 122.536+/-0.034 χ^2/NDF : 2644886.5/19

In: 124.154+/-0.051 χ^2/NDF : 1246689.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.536+/-0.034 χ^2/NDF : 2644886.5/19

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139718.646+/-0.087 χ^2 /NDF: 655008476.3/8

Right: 139607.883+/-0.057 χ^2 /NDF: 1407518913.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 139523.990+/-0.076 χ^2 /NDF: 749670299.8/10

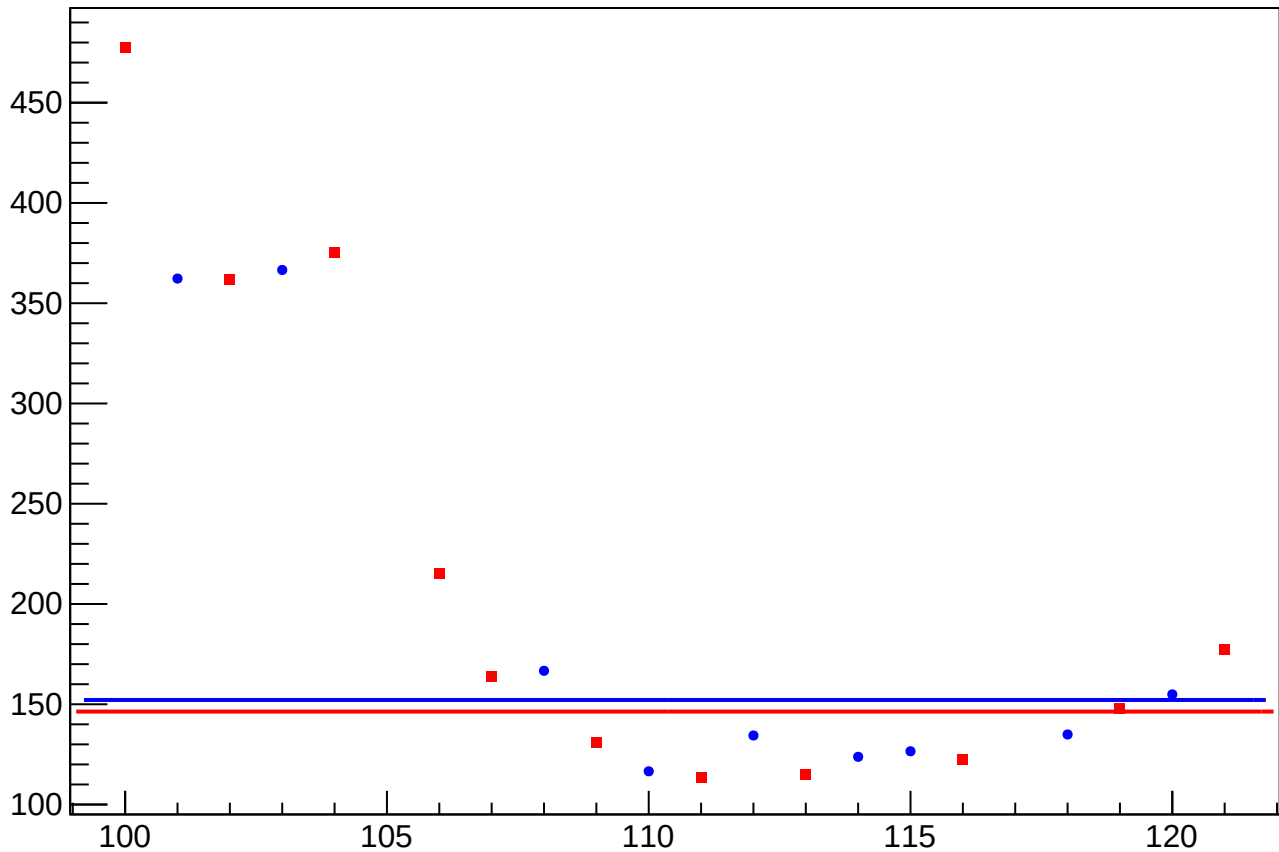
In: 139718.646+/-0.087 χ^2 /NDF: 655008476.3/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139607.883+/-0.057 χ^2 /NDF: 1407518913.4/10

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 152.136+/-0.062 χ^2/NDF : 980237.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.366+/-0.054 χ^2/NDF : 1164380.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

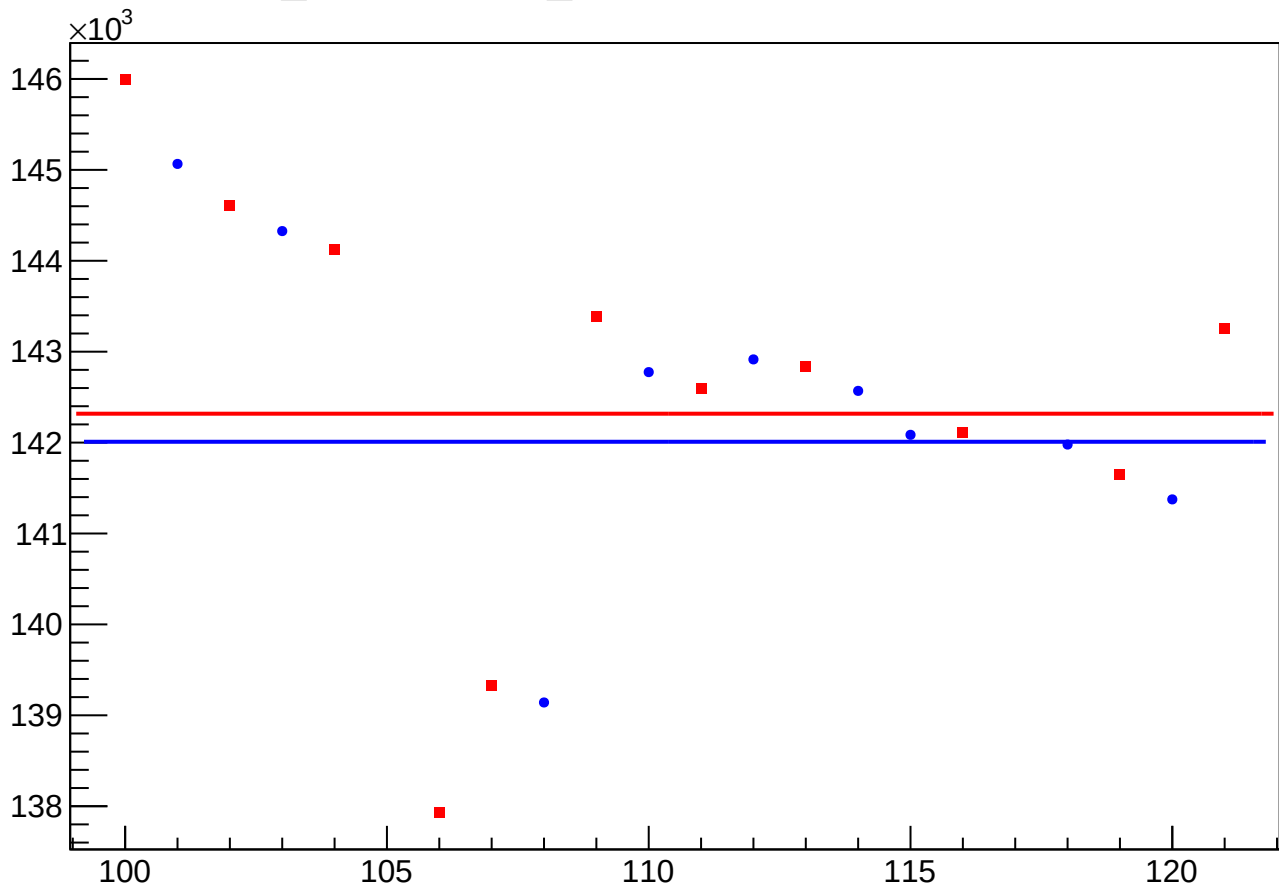
Right: 148.853+/-0.040 χ^2/NDF : 2149609.6/19

In: 152.136+/-0.062 χ^2/NDF : 980237.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

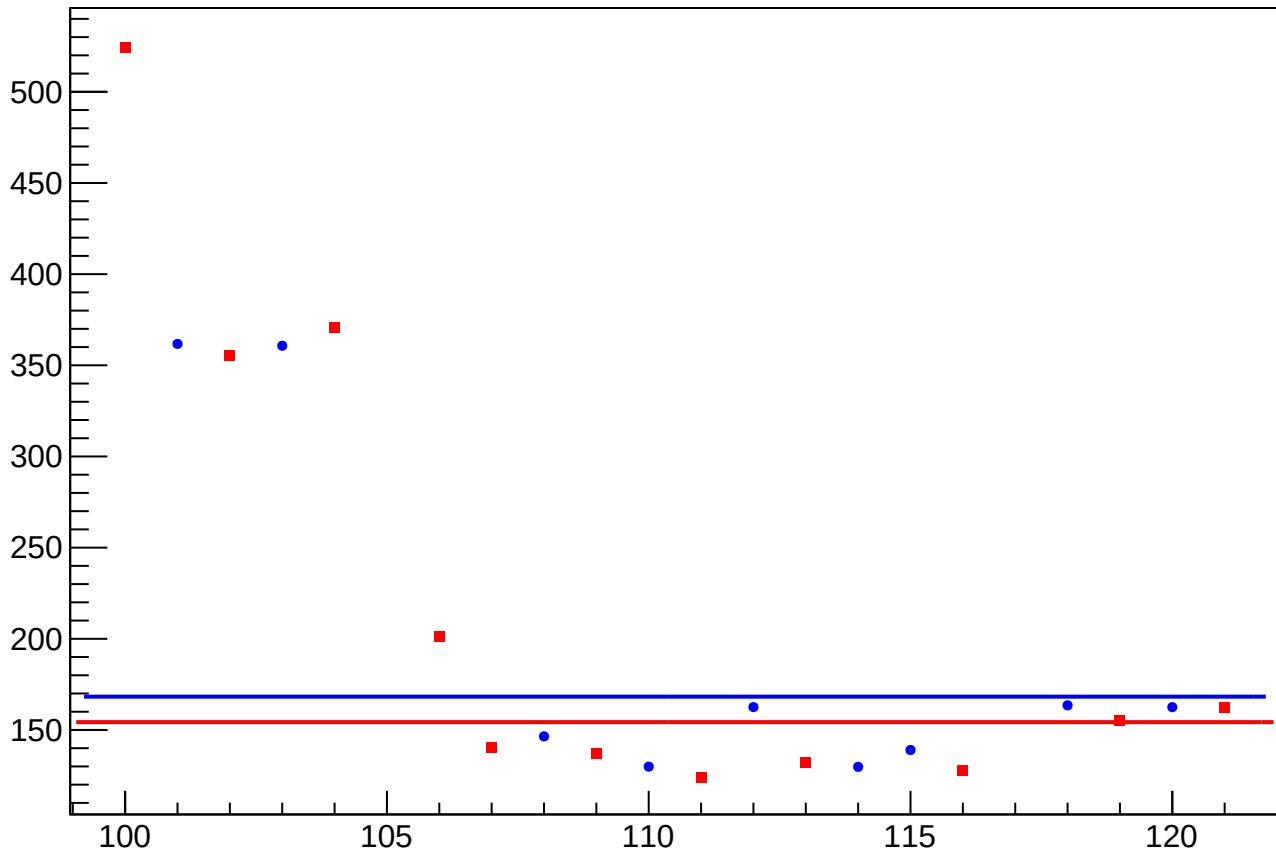
All: 148.853+/-0.040 χ^2/NDF : 2149609.6/19

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 142009.074+/-0.096 χ^2/NDF : 252089388.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 142317.818+/-0.079 χ^2/NDF : 334740810.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 142192.523+/-0.061 χ^2/NDF : 593008209.9/1

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 168.267+/-0.068 χ^2/NDF : 828809.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.306+/-0.056 χ^2/NDF : 984971.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

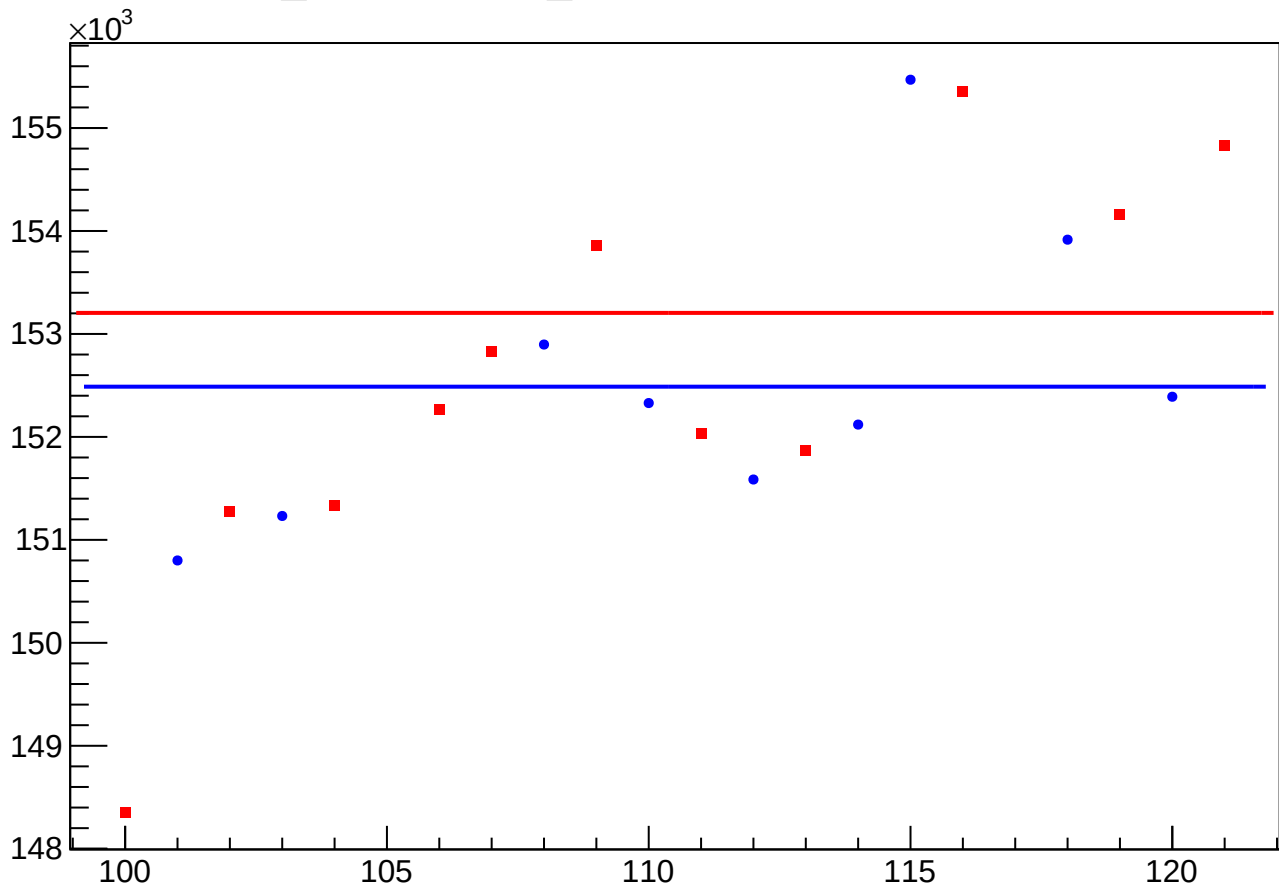
Right: 159.972+/-0.043 χ^2/NDF : 1839045.5/19

In: 168.267+/-0.068 χ^2/NDF : 828809.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

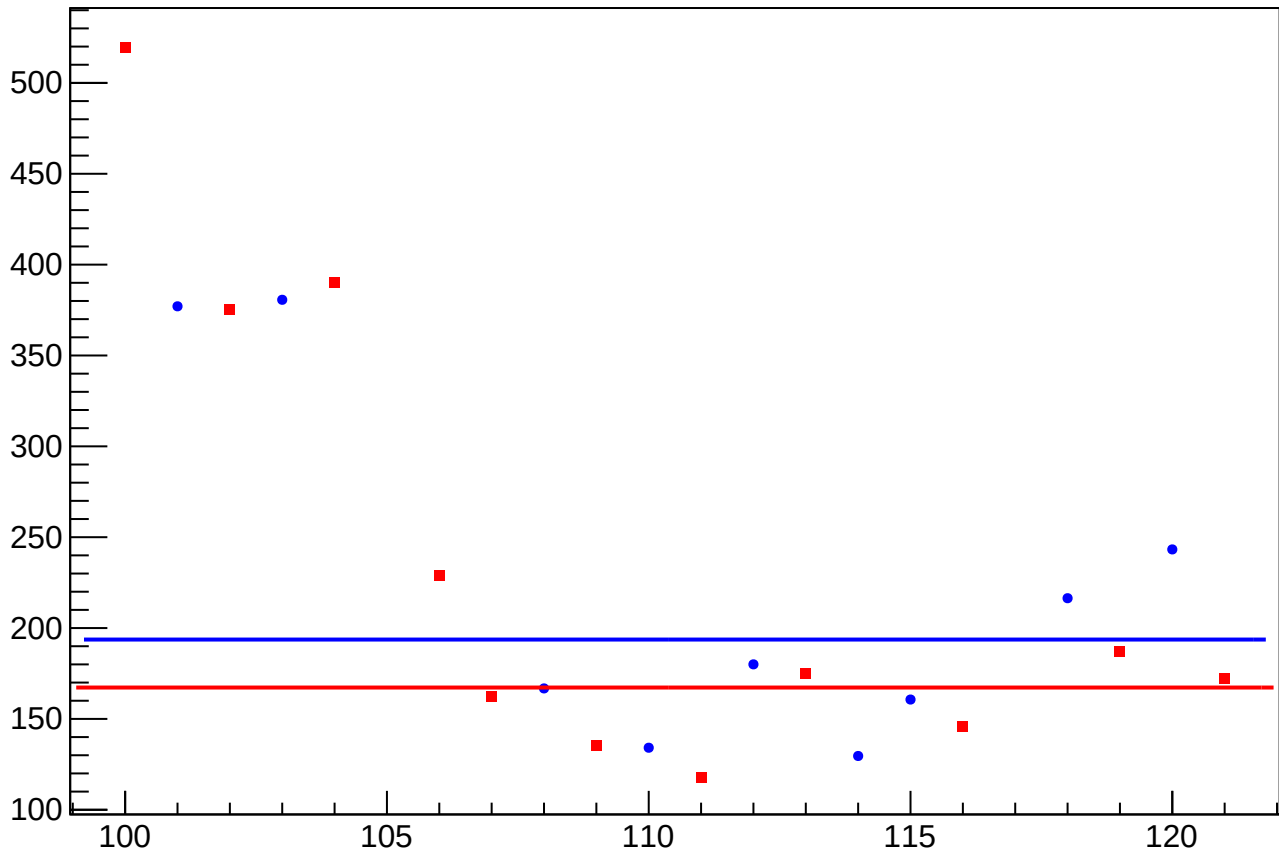
All: 159.972+/-0.043 χ^2/NDF : 1839045.5/19

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152487.851 $\pm$ 0.114 χ^2 /NDF: 84505852.8/8
 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: 152936.251 $\pm$ 0.070 χ^2 /NDF: 320235262.0/10
 Right Out: 153204.425 $\pm$ 0.088 χ^2 /NDF: 211018534.0/10
 In: 152487.851 $\pm$ 0.114 χ^2 /NDF: 84505852.8/8
 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: 152936.251 $\pm$ 0.070 χ^2 /NDF: 320235262.0/10

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.267+/-0.062 χ^2/NDF : 1062879.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

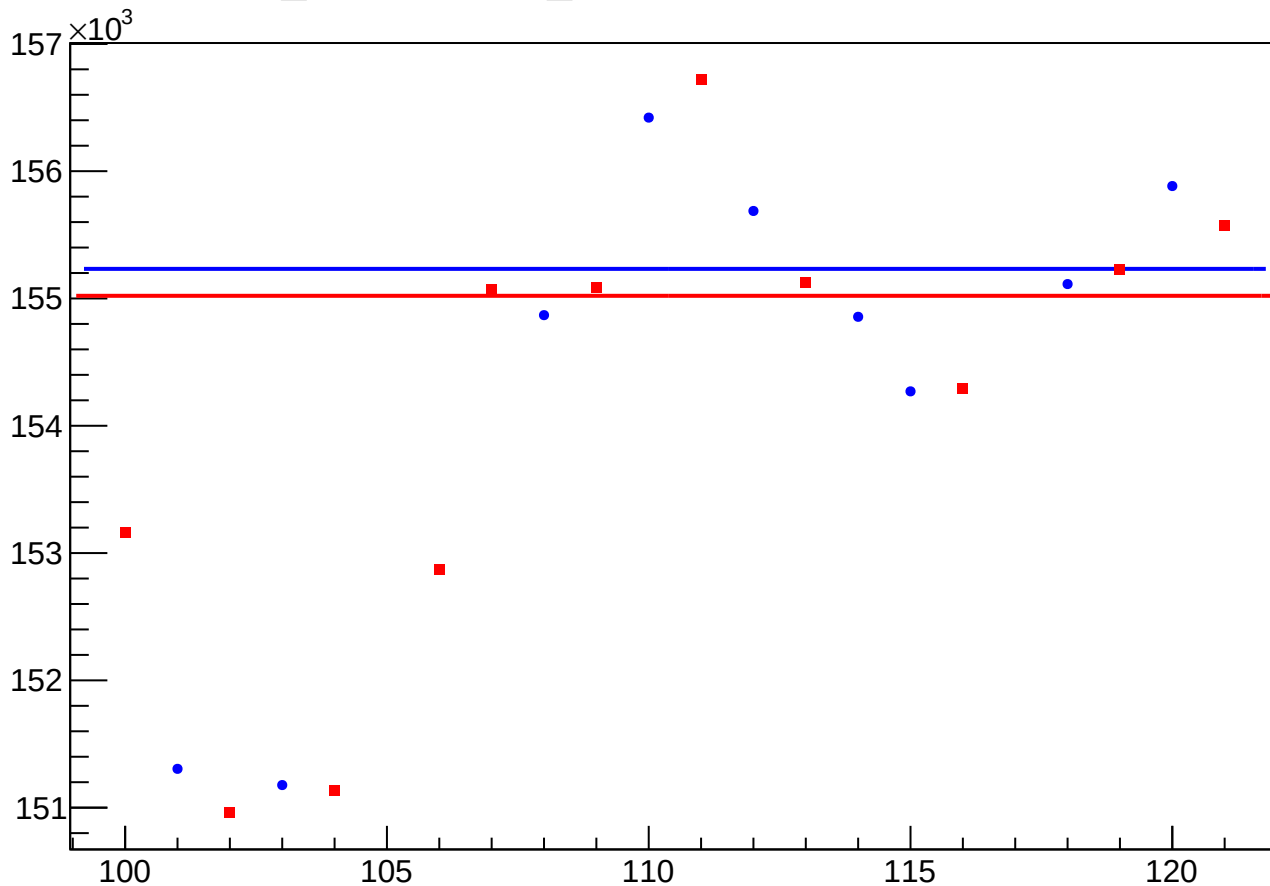
Right: 177.150+/-0.049 χ^2/NDF : 1977900.2/19

In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.150+/-0.049 χ^2/NDF : 1977900.2/19

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155232.528+/-0.088 χ^2 /NDF: 181185654.0/8

Right: 155110.305+/-0.057 χ^2 /NDF: 455188238.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 155020.950+/-0.076 χ^2 /NDF: 270693219.9/10

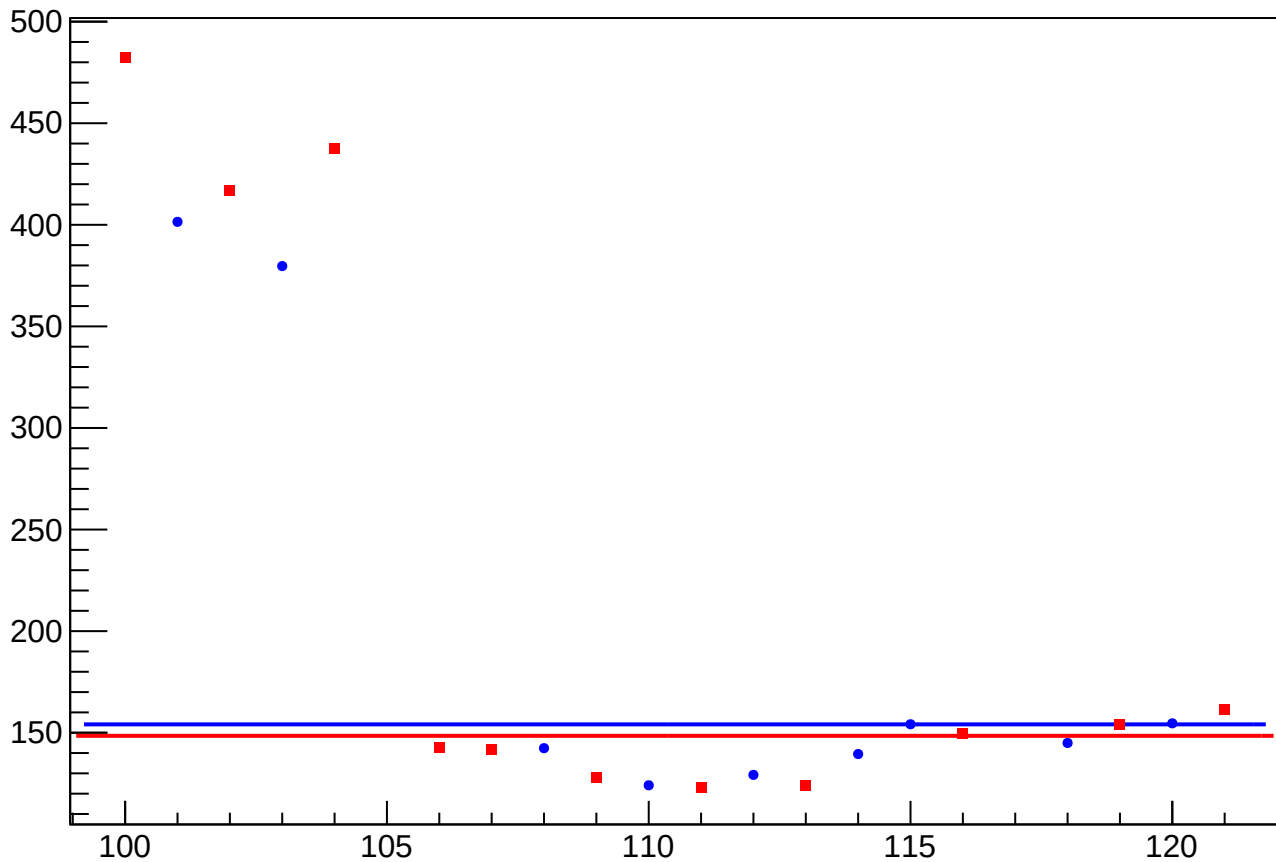
In: 155232.528+/-0.088 χ^2 /NDF: 181185654.0/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155110.305+/-0.057 χ^2 /NDF: 455188238.4/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 154.109+/-0.063 χ^2/NDF : 984262.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.481+/-0.053 χ^2/NDF : 1165389.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

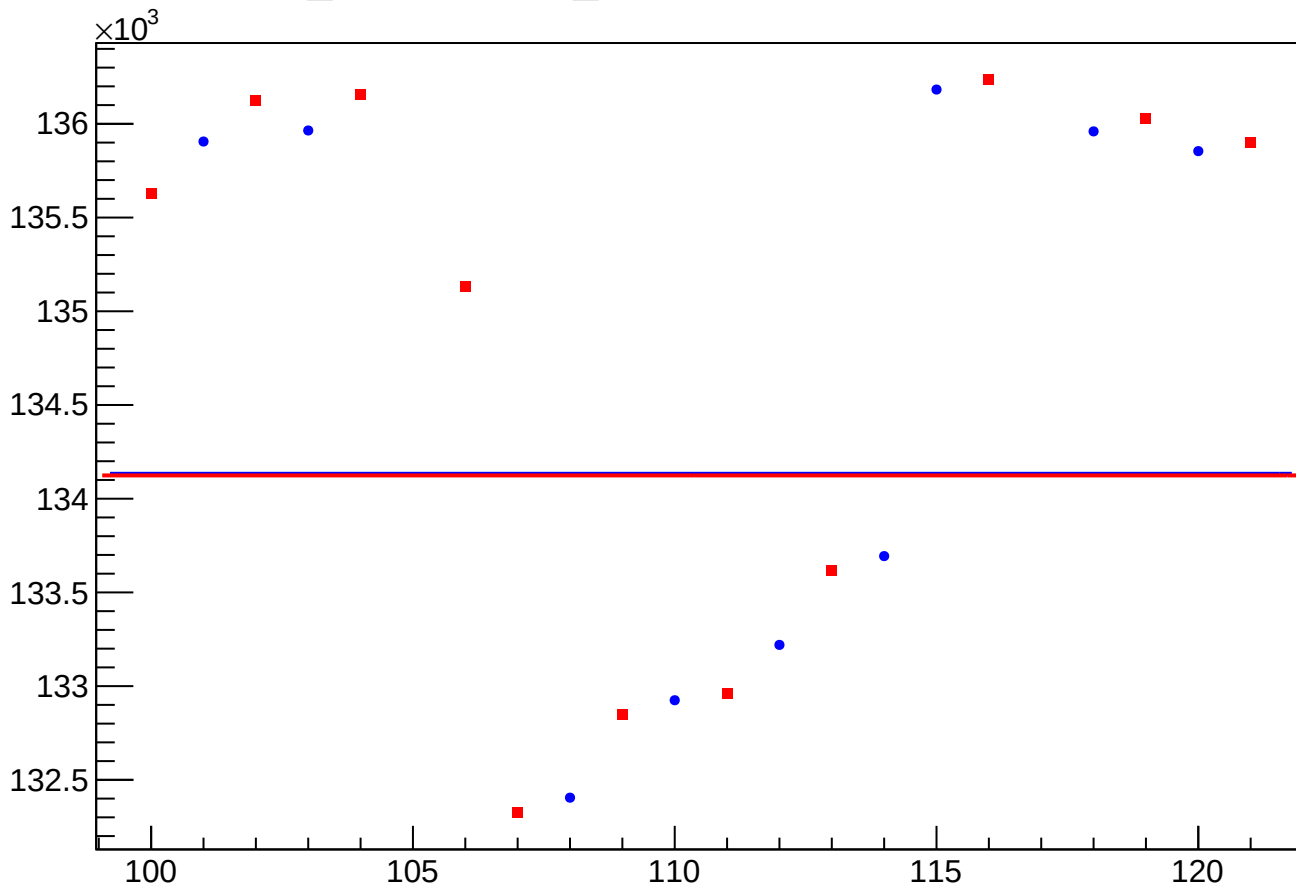
Right: 150.858+/-0.041 χ^2/NDF : 2154334.6/19

In: 154.109+/-0.063 χ^2/NDF : 984262.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

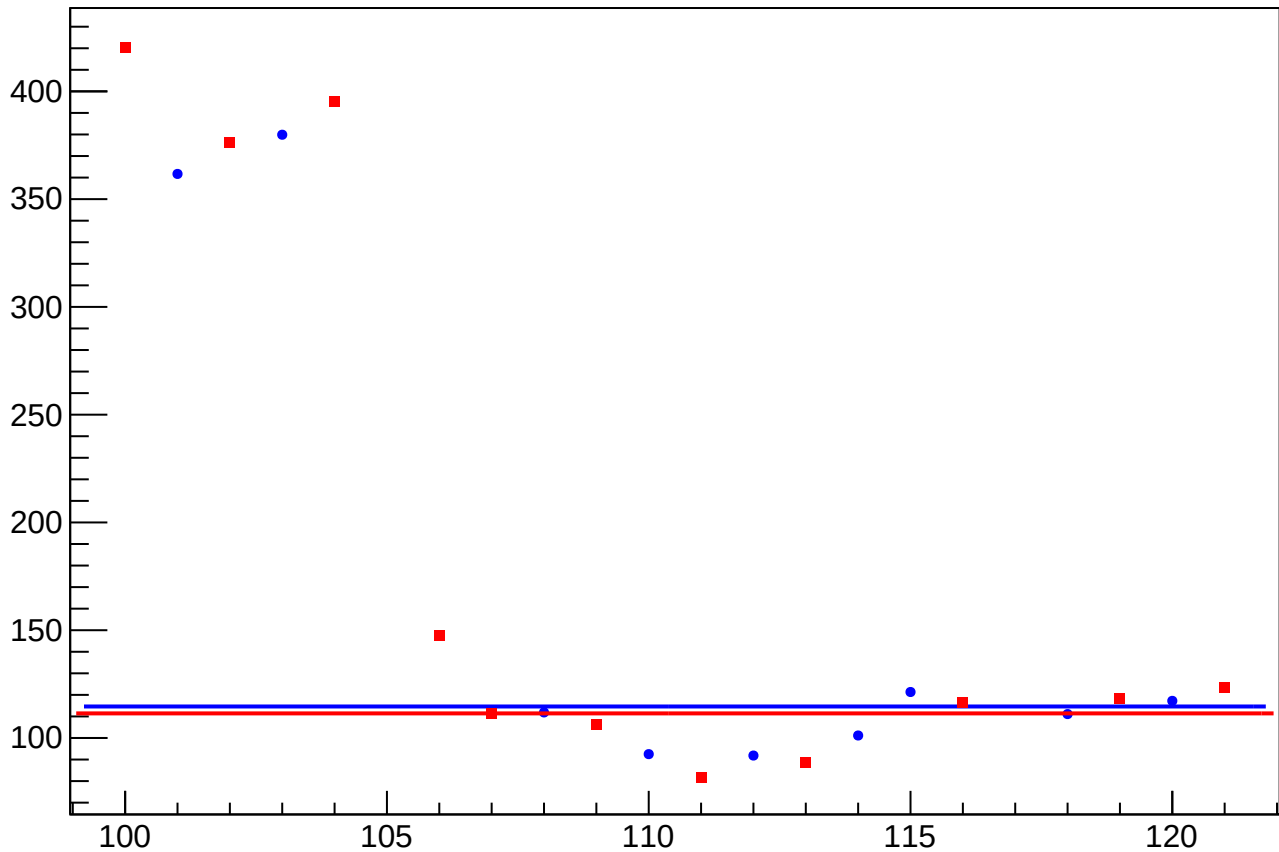
All: 150.858+/-0.041 χ^2/NDF : 2154334.6/19

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 134132.844+/-0.067 χ^2 /NDF: 481261426.2/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 134127.941+/-0.044 χ^2 /NDF: 1076901611.4/8
 In: 134132.844+/-0.067 χ^2 /NDF: 481261426.2/8
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 134127.941+/-0.044 χ^2 /NDF: 1076901611.4/8

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 114.617+/-0.048 χ^2/NDF : 1302488.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.410+/-0.042 χ^2/NDF : 1470526.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

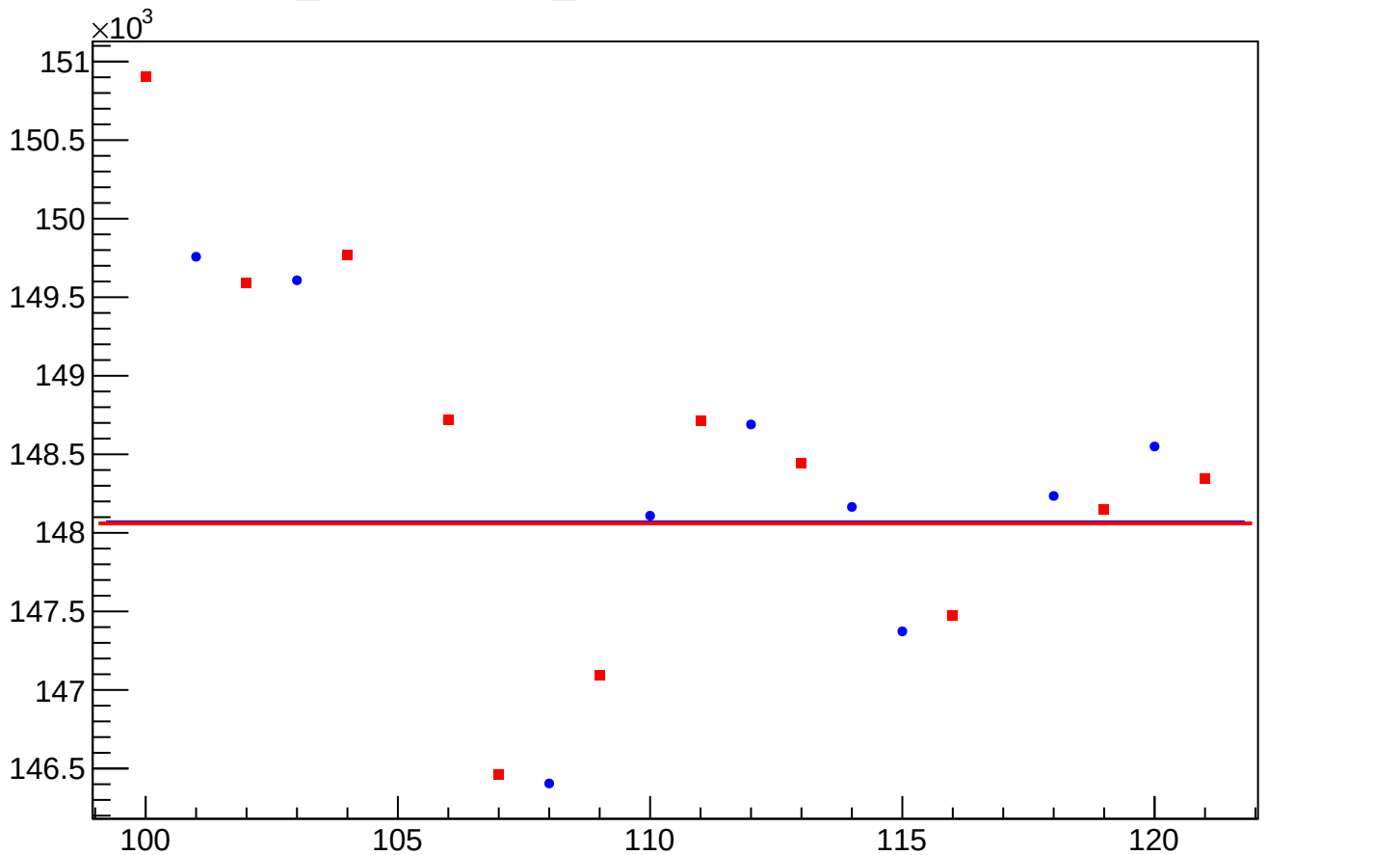
Right: 112.795+/-0.031 χ^2/NDF : 2775590.3/19

In: 114.617+/-0.048 χ^2/NDF : 1302488.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

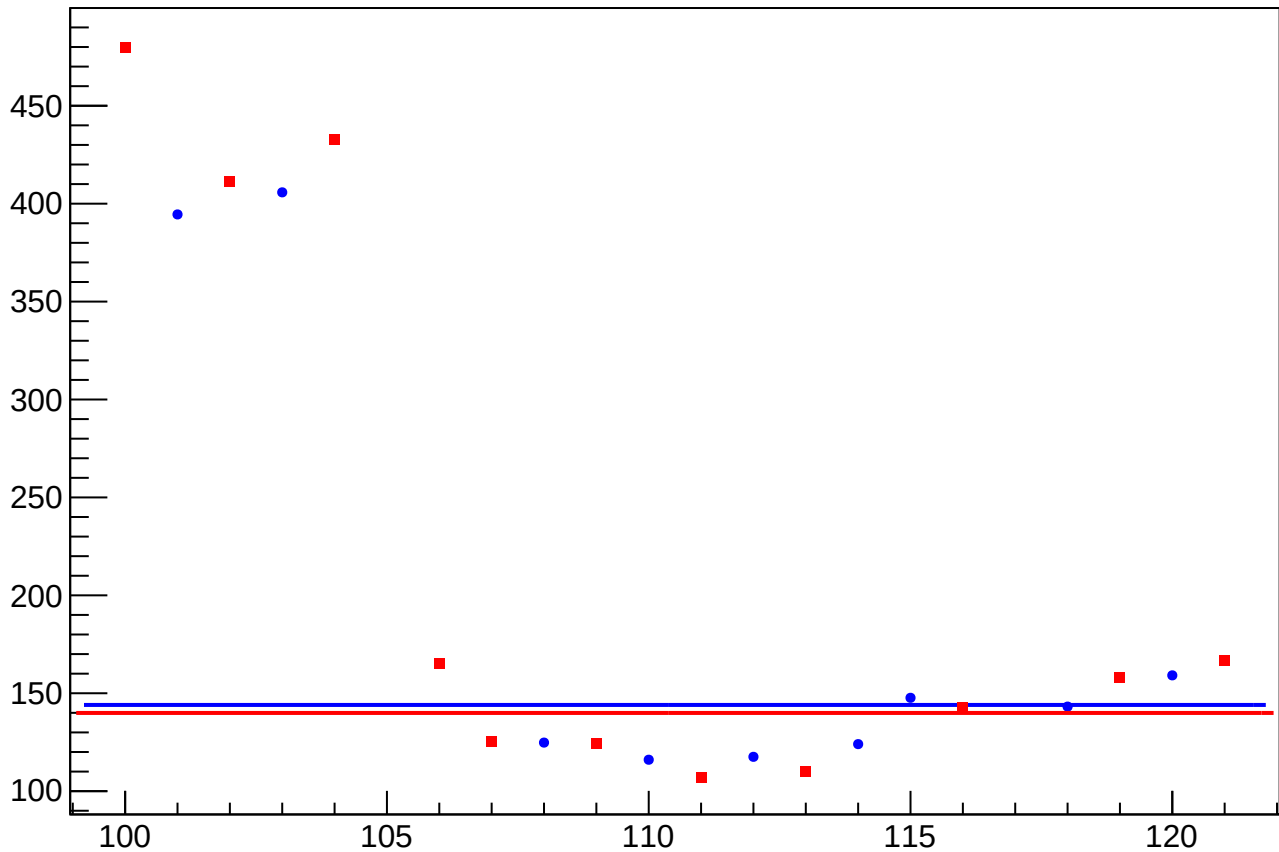
All: 112.795+/-0.031 χ^2/NDF : 2775590.3/19

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 148066.855+/-0.083 χ^2 /NDF: 107947396.6/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 148063.199+/-0.055 χ^2 /NDF: 228719295.6/1
 In: 148066.855+/-0.083 χ^2 /NDF: 107947396.6/8
 Right Out: 148060.436+/-0.073 χ^2 /NDF: 120768527.5/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 148063.199+/-0.055 χ^2 /NDF: 228719295.6/1

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 144.032+/-0.059 χ^2/NDF : 1143914.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.945+/-0.051 χ^2/NDF : 1331815.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

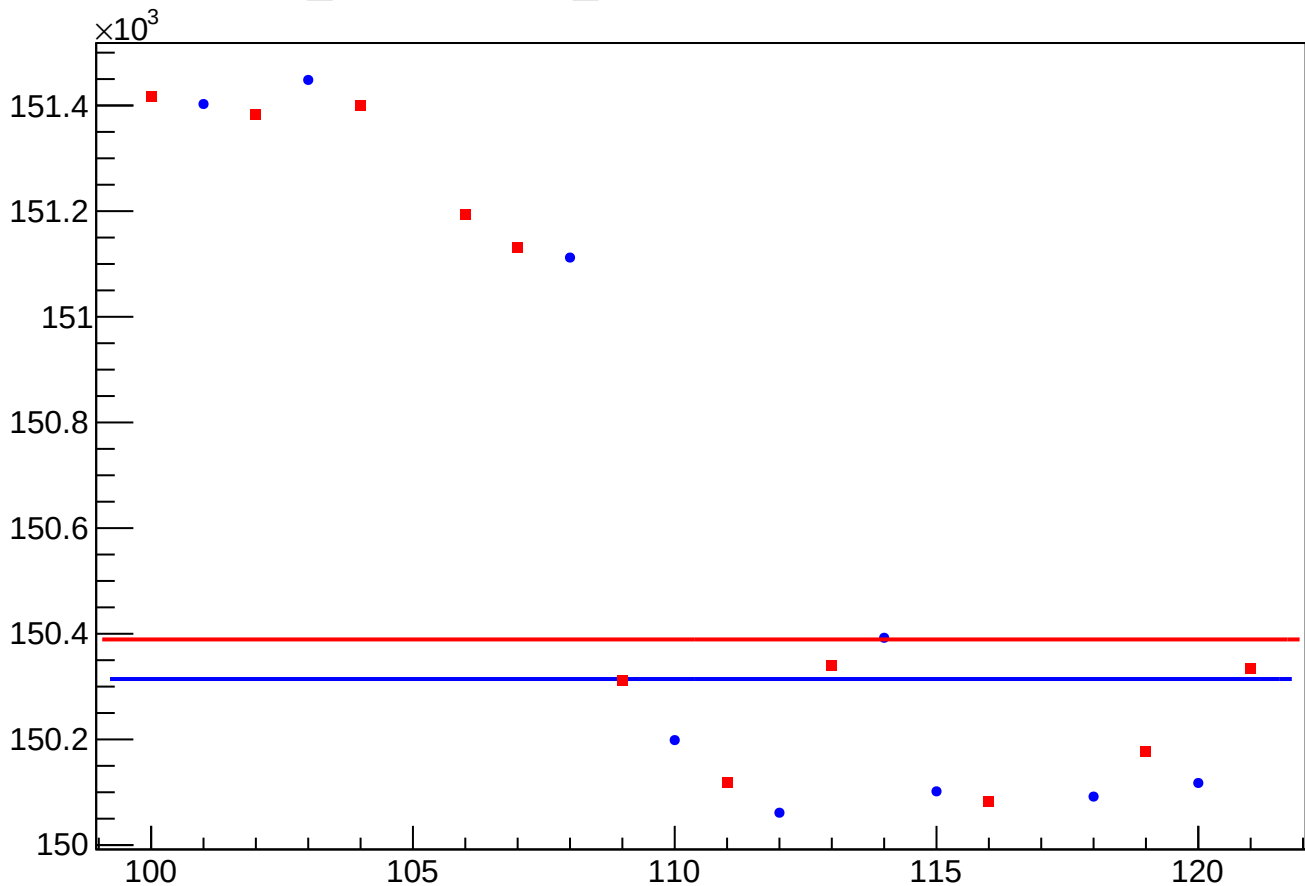
Right: 141.704+/-0.039 χ^2/NDF : 2478464.7/19

In: 144.032+/-0.059 χ^2/NDF : 1143914.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

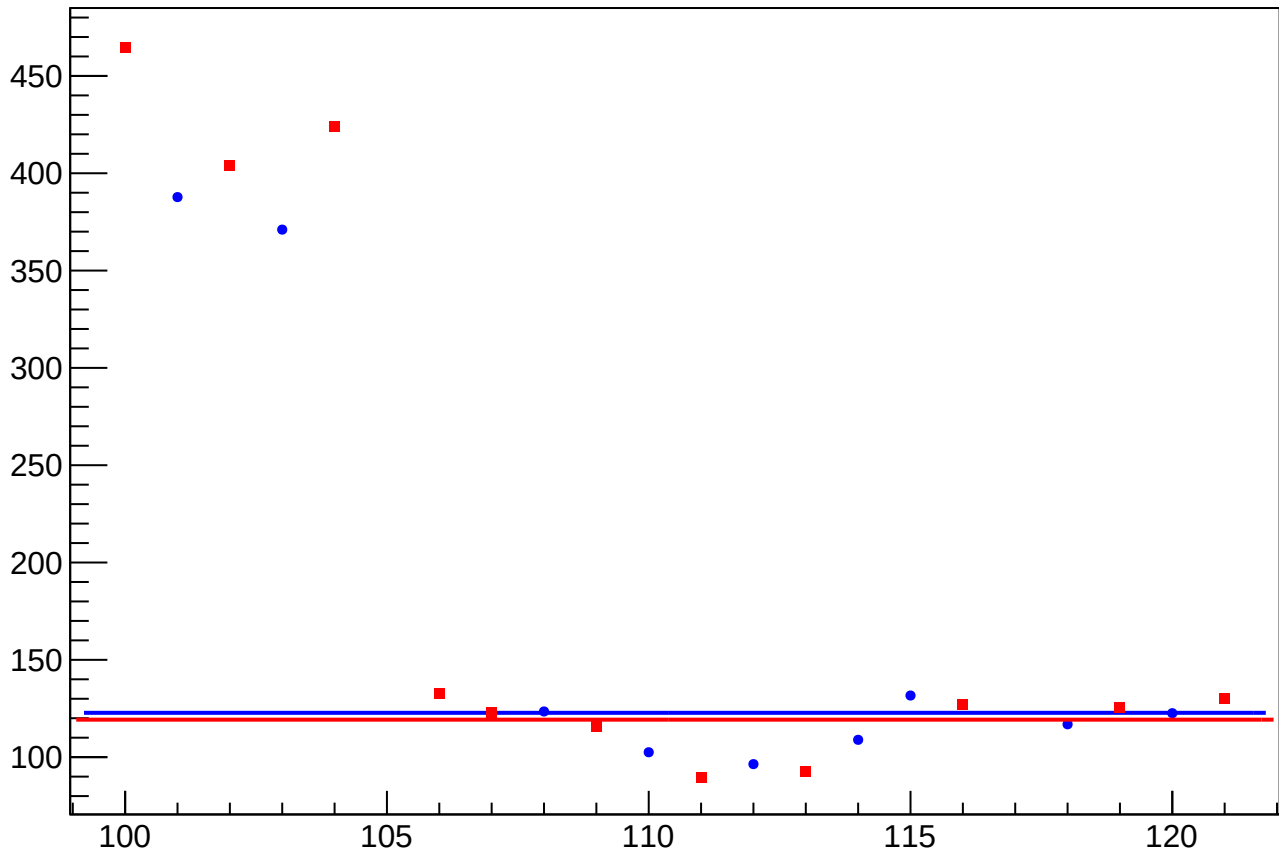
All: 141.704+/-0.039 χ^2/NDF : 2478464.7/19

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150314.354 $\pm$ 0.072 χ^2/NDF : 33115455.7/8
 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: 150357.376 $\pm$ 0.047 χ^2/NDF : 68734567.8/19
 In: 150314.354 $\pm$ 0.072 χ^2/NDF : 33115455.7/8
 Right Out: 150389.271 $\pm$ 0.062 χ^2/NDF : 34999447.1/10
 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: 150357.376 $\pm$ 0.047 χ^2/NDF : 68734567.8/19

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.260+/-0.044 χ^2/NDF : 1441598.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

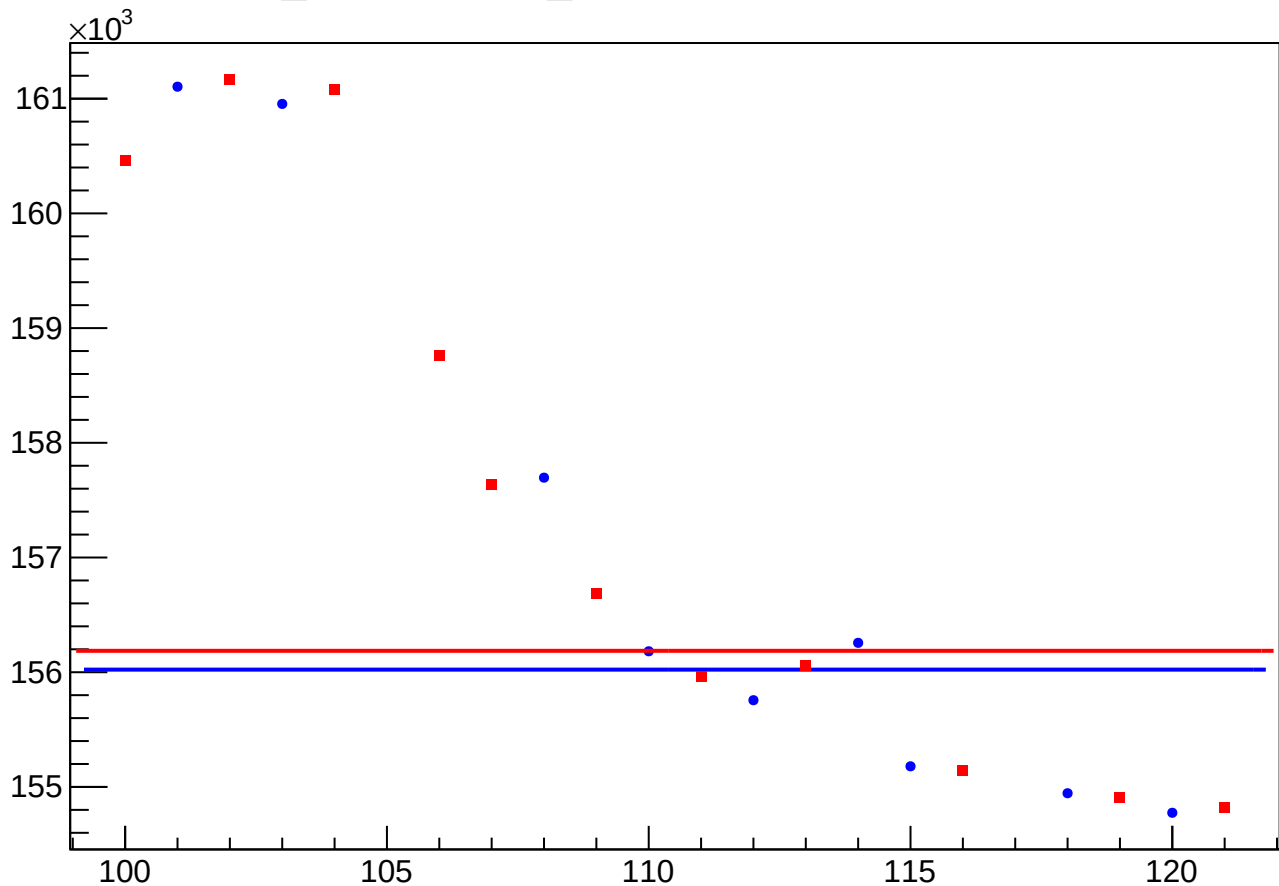
Right: 120.759+/-0.033 χ^2/NDF : 2665836.0/19

In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

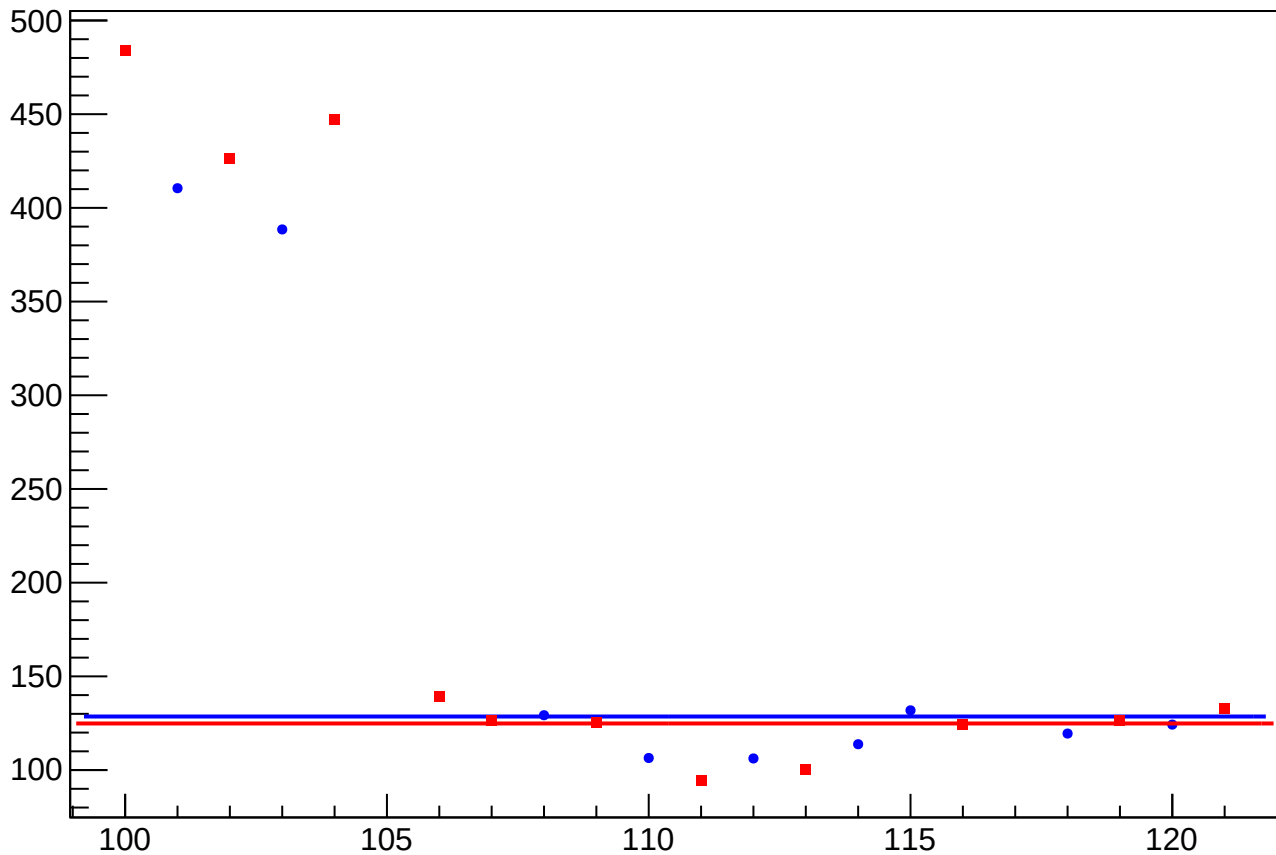
All: 120.759+/-0.033 χ^2/NDF : 2665836.0/19

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 156116.936+/-0.049 χ^2/NDF : 774796748.0/1
 Right In: 156022.690+/-0.075 χ^2/NDF : 342732988.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 156022.690+/-0.075 χ^2/NDF : 342732988.7/8
 Right Out: 156186.662+/-0.065 χ^2/NDF : 429348630.4/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 156116.936+/-0.049 χ^2/NDF : 774796748.0/1

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 128.577+/-0.053 χ^2/NDF : 1206223.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.864+/-0.046 χ^2/NDF : 1417474.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

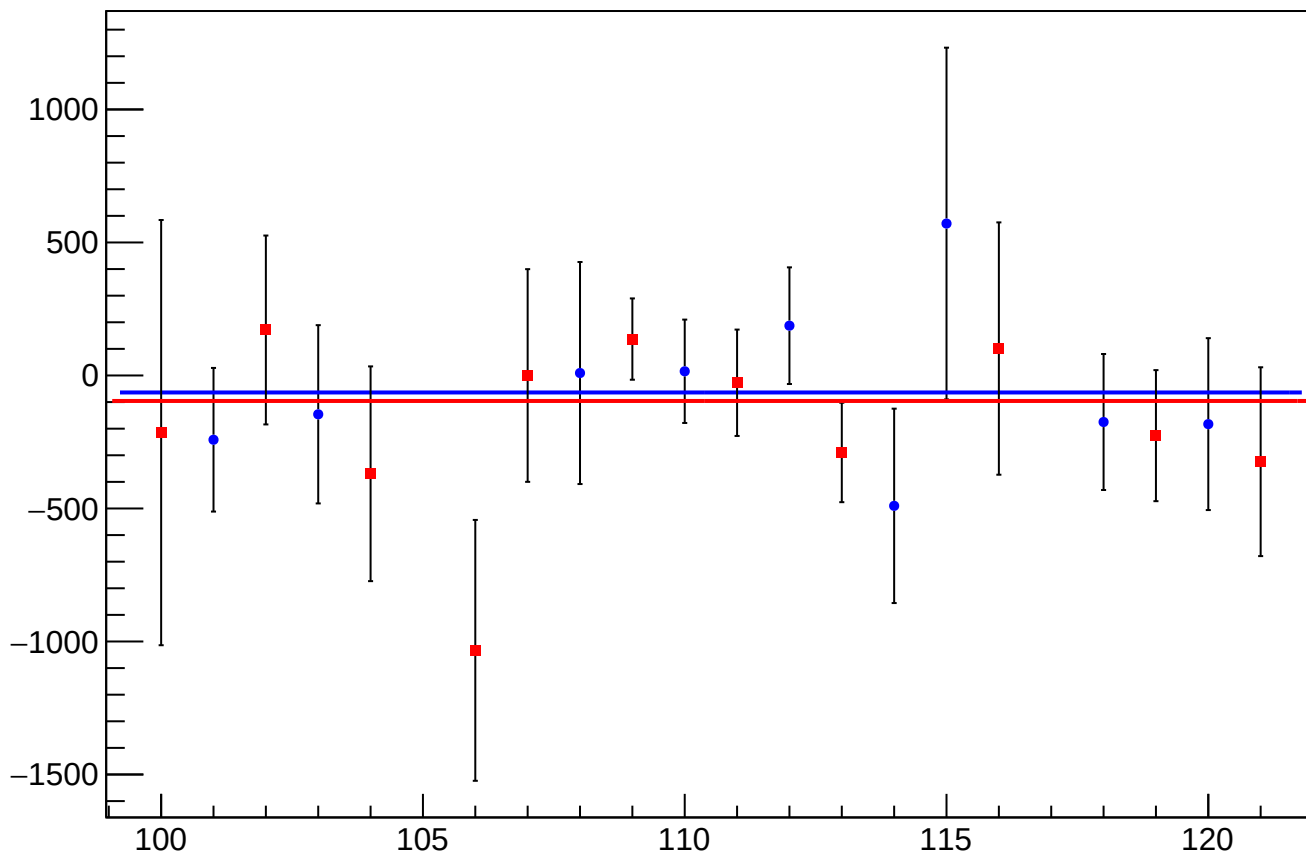
Right: 126.443+/-0.035 χ^2/NDF : 2626482.6/19

In: 128.577+/-0.053 χ^2/NDF : 1206223.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.443+/-0.035 χ^2/NDF : 2626482.6/19

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -63.876+/-95.208 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -95.849+/-81.277 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

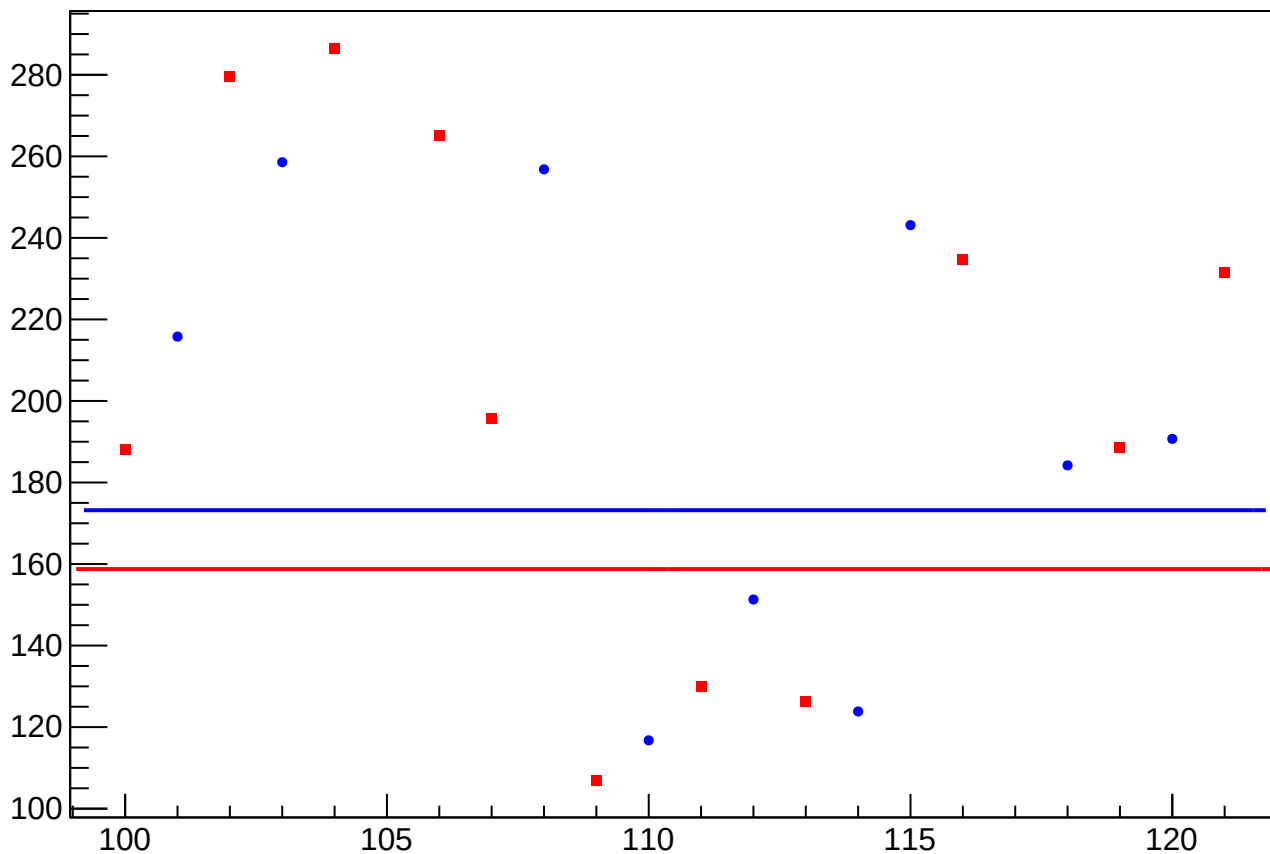
Right: -82.371+/-61.816 χ^2/NDF : 13.8/19

In: -63.876+/-95.208 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -82.371+/-61.816 χ^2/NDF : 13.8/19

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 173.202 $\pm$ 0.067 χ^2 /NDF: 517044.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.762 $\pm$ 0.057 χ^2 /NDF: 1042725.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

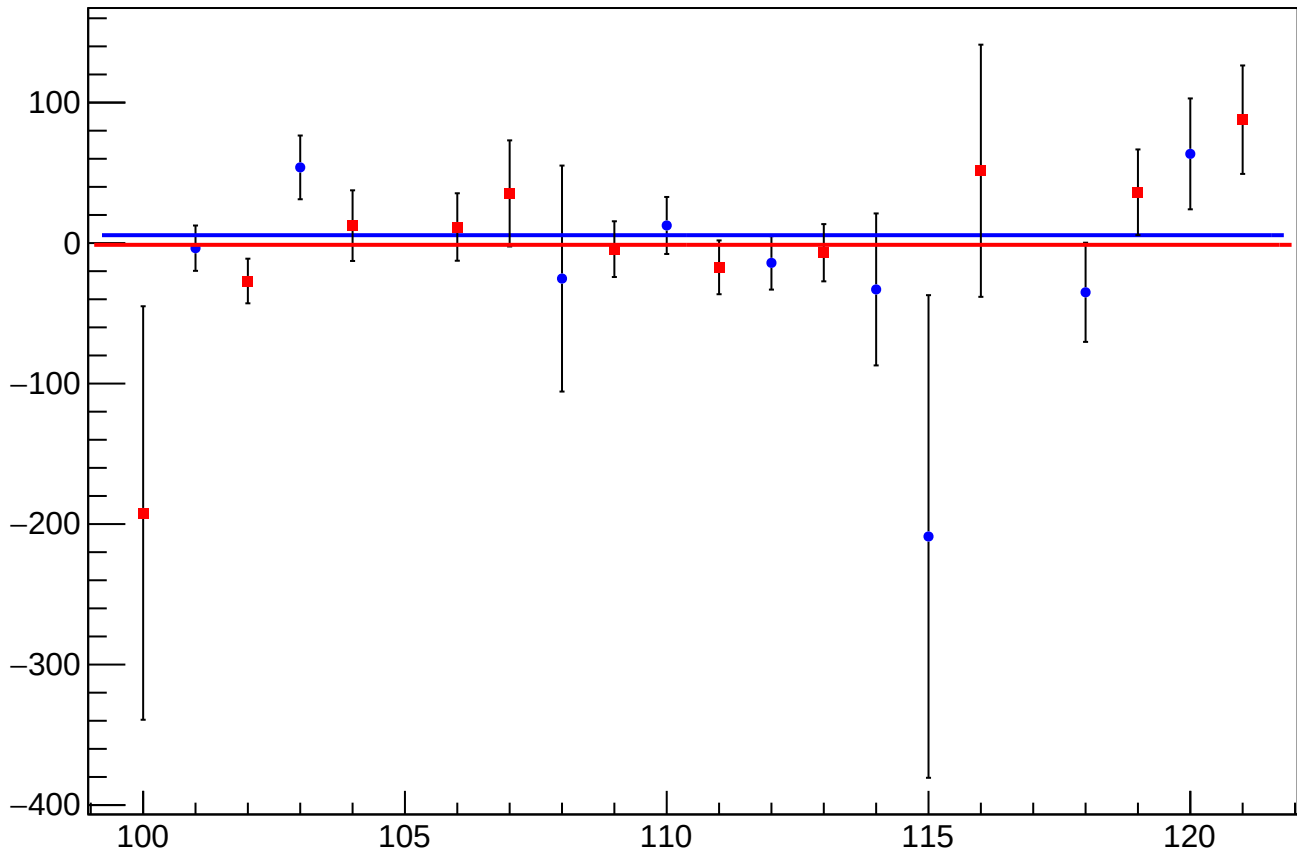
Right: 164.849 $\pm$ 0.044 χ^2 /NDF: 1586384.5/19

In: 173.202 $\pm$ 0.067 χ^2 /NDF:517044.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.849 $\pm$ 0.044 χ^2 /NDF: 1586384.5/19

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.613+/-8.786 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.251+/-7.542 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

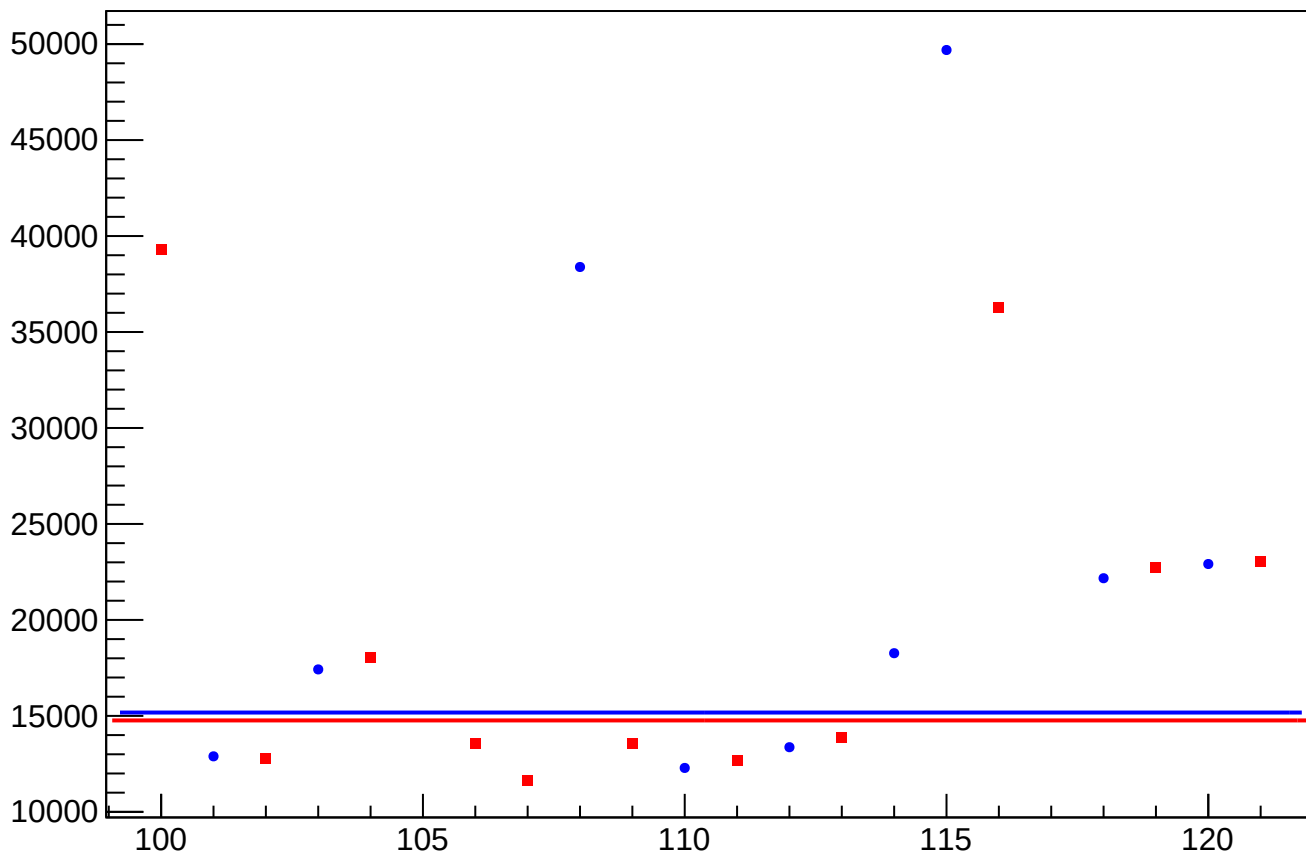
Right: 1.661+/-5.723 χ^2/NDF : 25.9/19

In: 5.613+/-8.786 χ^2/NDF : 11.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.661+/-5.723 χ^2/NDF : 25.9/19

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 15175.019+/-6.213 χ^2/NDF : 527573.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14763.815+/-5.333 χ^2/NDF : 519763.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

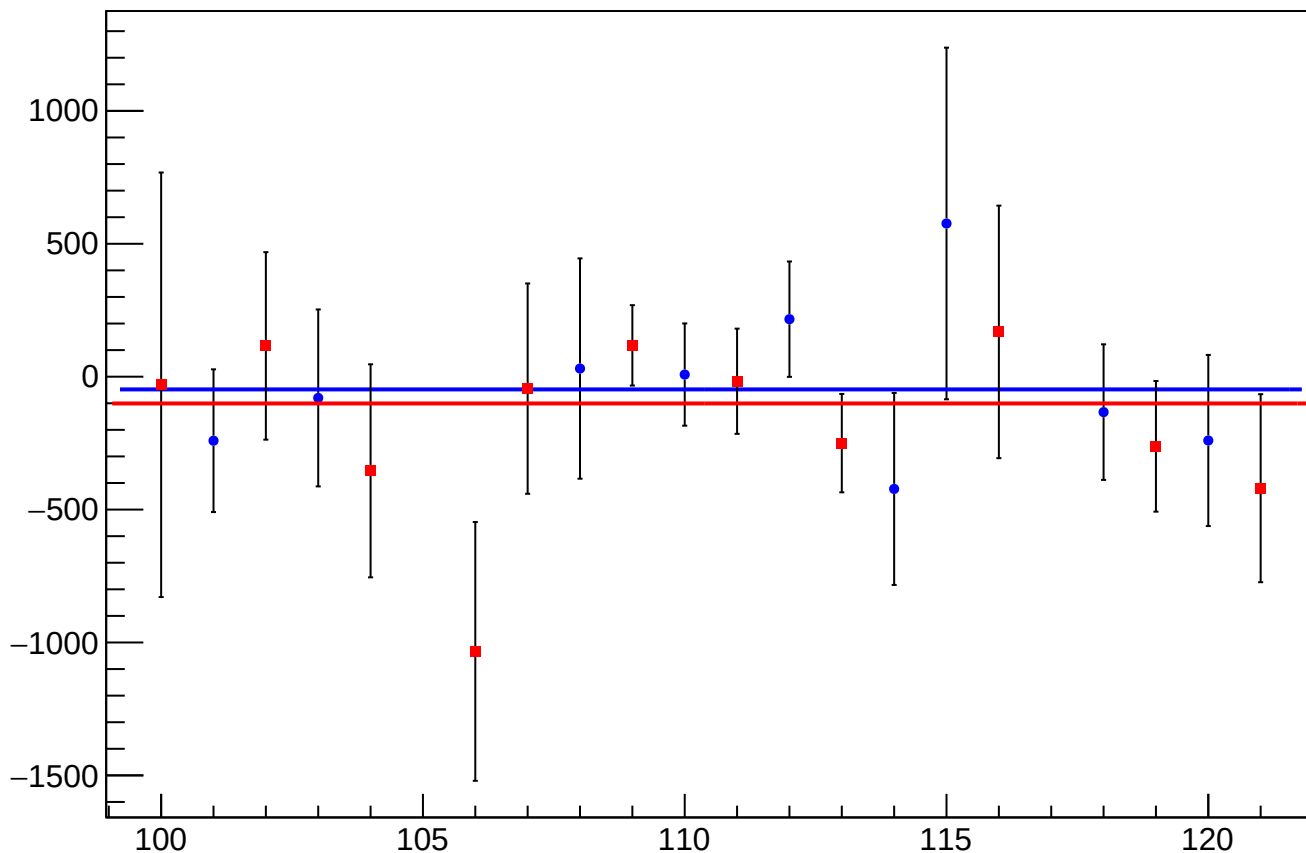
Right: 14938.268+/-4.047 χ^2/NDF : 1049859.0/19

In: 15175.019+/-6.213 χ^2/NDF : 527573.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14938.268+/-4.047 χ^2/NDF : 1049859.0/19

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -47.851 ± 94.515 χ^2/NDF : 4.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -100.710 ± 80.621 χ^2/NDF : 9.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

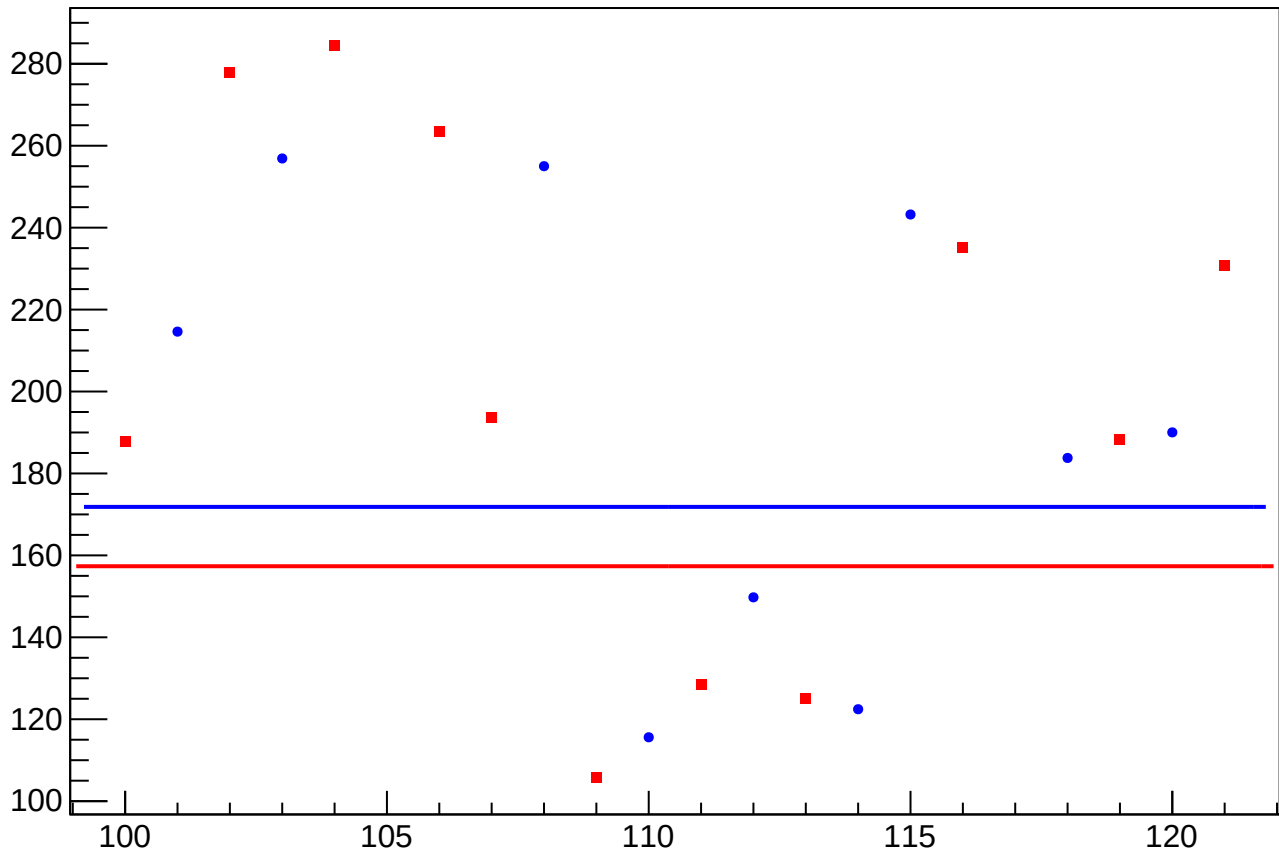
Right: -78.448 ± 61.338 χ^2/NDF : 13.7/19

In: -47.851 ± 94.515 χ^2/NDF : 4.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -78.448 ± 61.338 χ^2/NDF : 13.7/19

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 171.837+/-0.067 χ^2/NDF : 525000.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.348+/-0.057 χ^2/NDF : 1055435.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

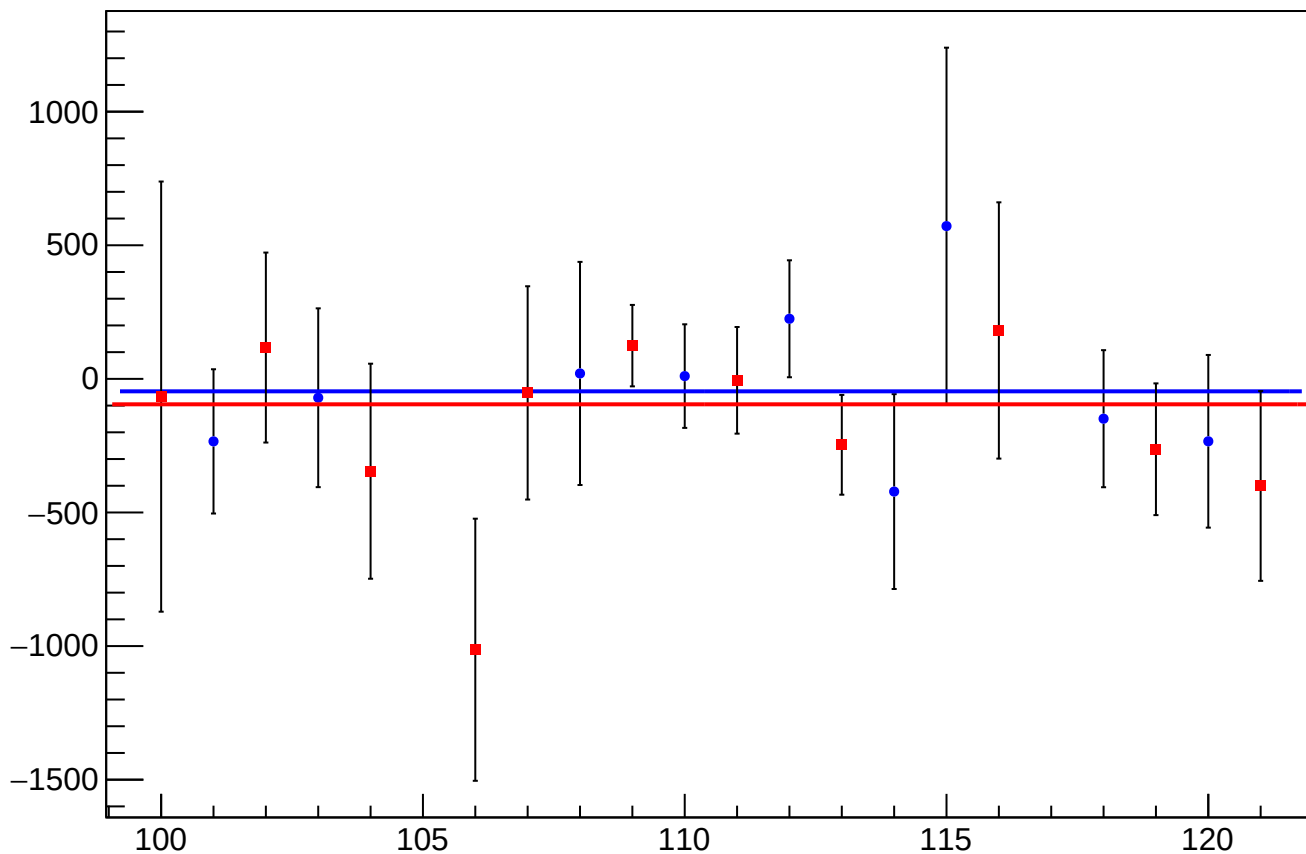
Right: 163.450+/-0.043 χ^2/NDF : 1607643.1/19

In: 171.837+/-0.067 χ^2/NDF :525000.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 163.450+/-0.043 χ^2/NDF : 1607643.1/19

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -46.611+/-95.164 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.204+/-81.202 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

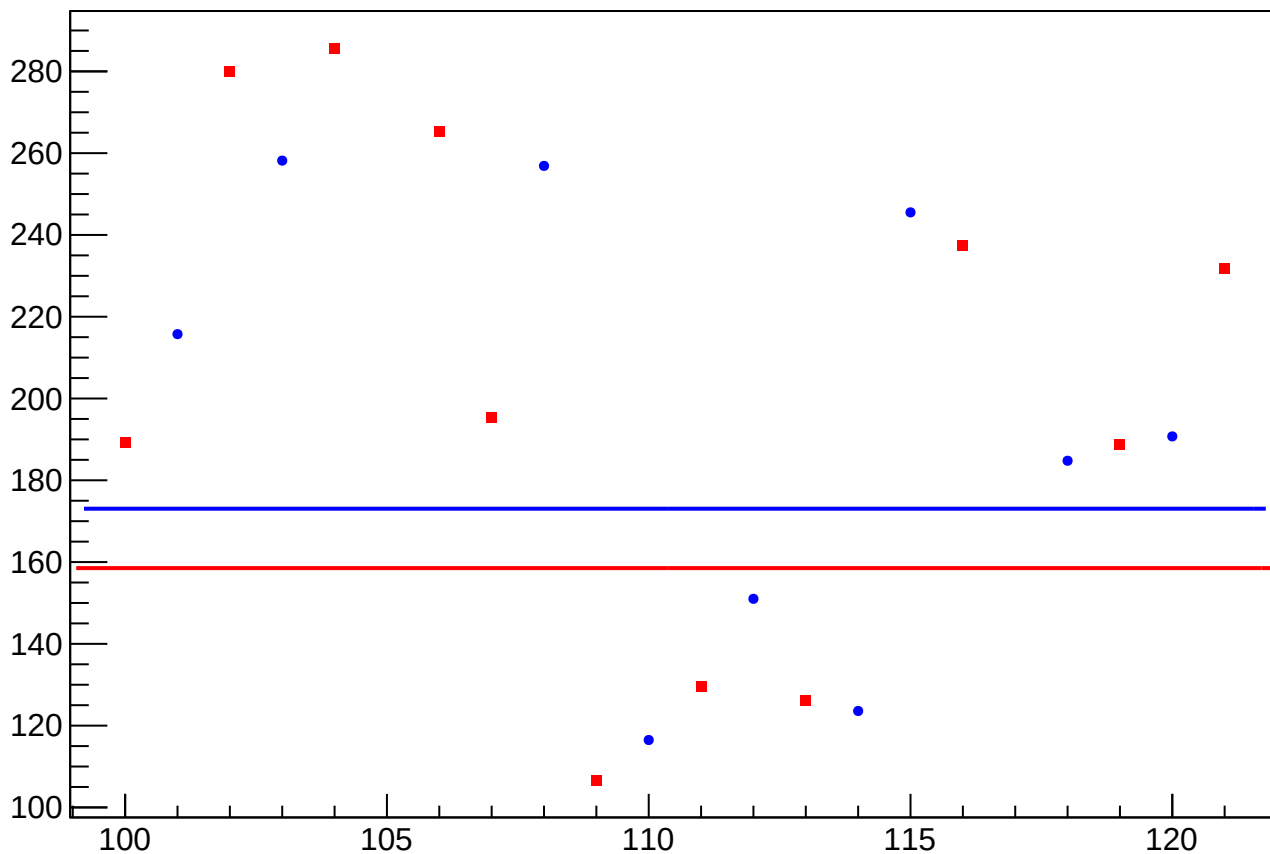
Right: -74.730+/-61.771 χ^2/NDF : 13.4/19

In: -46.611+/-95.164 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.730+/-61.771 χ^2/NDF : 13.4/19

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 173.052+/-0.067 χ^2/NDF : 521237.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 158.527+/-0.057 χ^2/NDF : 1050533.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

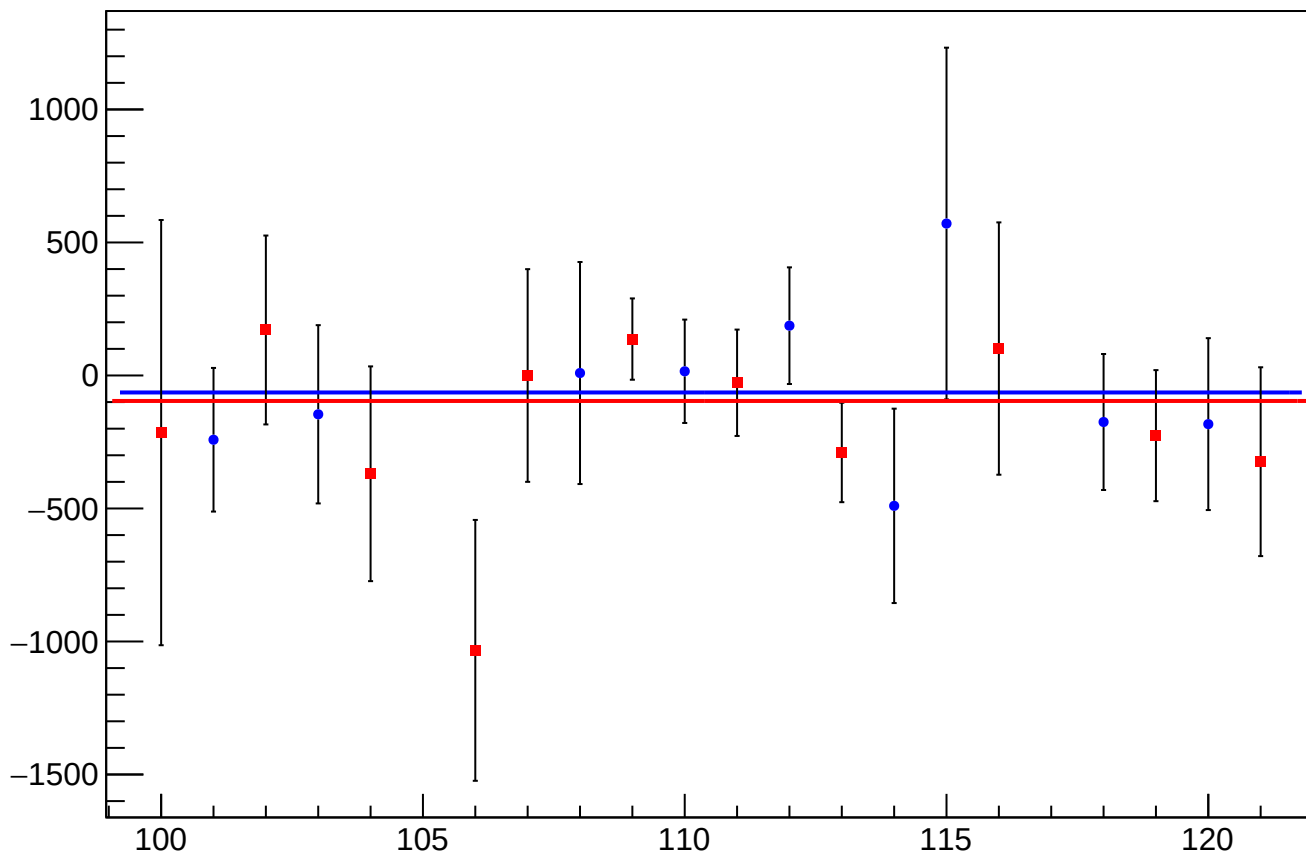
Right: 164.647+/-0.044 χ^2/NDF : 1598732.9/19

In: 173.052+/-0.067 χ^2/NDF :521237.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 164.647+/-0.044 χ^2/NDF : 1598732.9/19

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -63.876 $\pm$ 95.208 χ^2 /NDF: 4.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -95.849 $\pm$ 81.277 χ^2 /NDF: 9.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

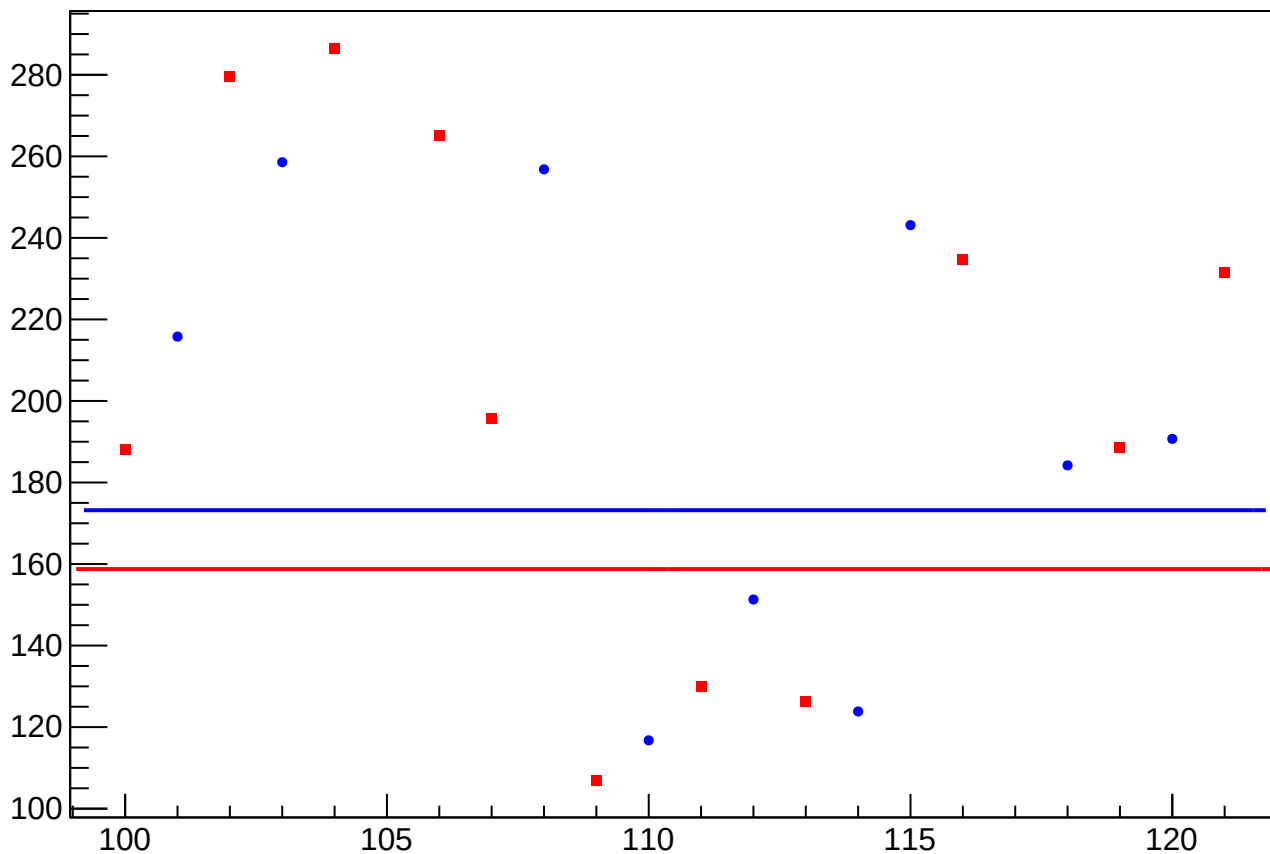
Right: -82.371 $\pm$ 61.816 χ^2 /NDF: 13.8/19

In: -63.876 $\pm$ 95.208 χ^2 /NDF:4.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -82.371 $\pm$ 61.816 χ^2 /NDF: 13.8/19

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 173.202+/-0.067 χ^2/NDF : 517044.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.762+/-0.057 χ^2/NDF : 1042725.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

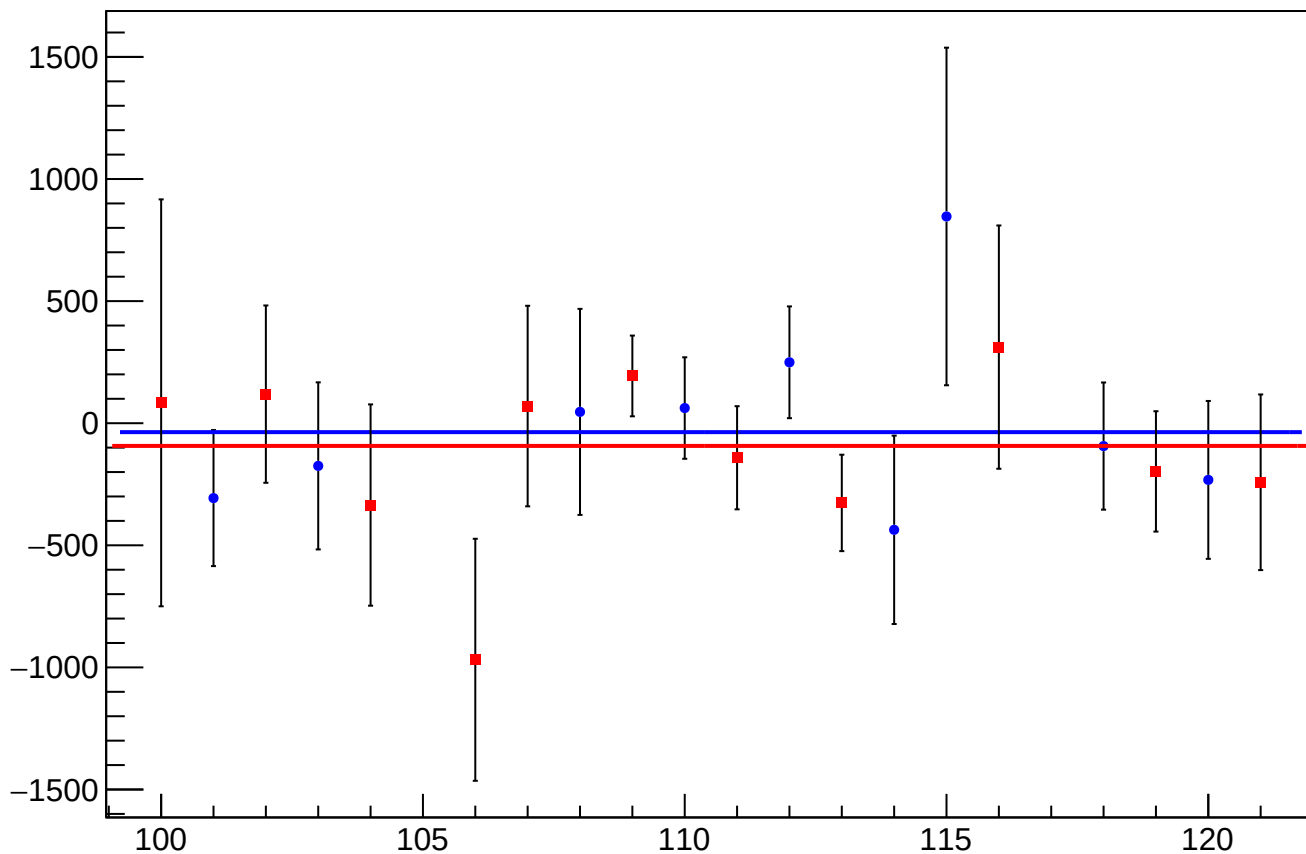
Right: 164.849+/-0.044 χ^2/NDF : 1586384.5/19

In: 173.202+/-0.067 χ^2/NDF : 517044.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.849+/-0.044 χ^2/NDF : 1586384.5/19

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -36.578 ± 98.808 χ^2/NDF : 6.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -92.962 ± 85.187 χ^2/NDF : 9.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

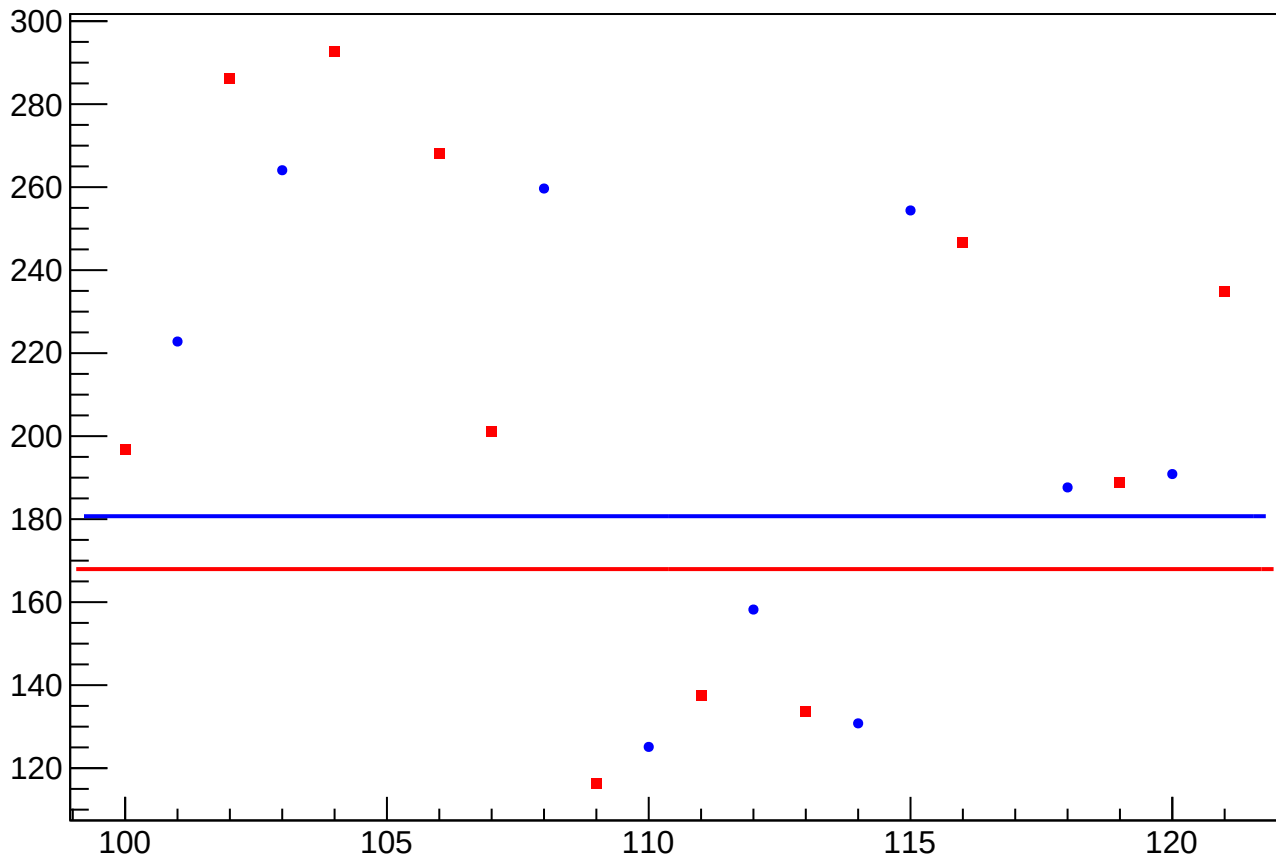
Right: -68.921 ± 64.519 χ^2/NDF : 15.7/19

In: -36.578 ± 98.808 χ^2/NDF : 6.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.921 ± 64.519 χ^2/NDF : 15.7/19

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 180.710+/-0.070 χ^2/NDF : 456532.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.964+/-0.060 χ^2/NDF : 922807.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

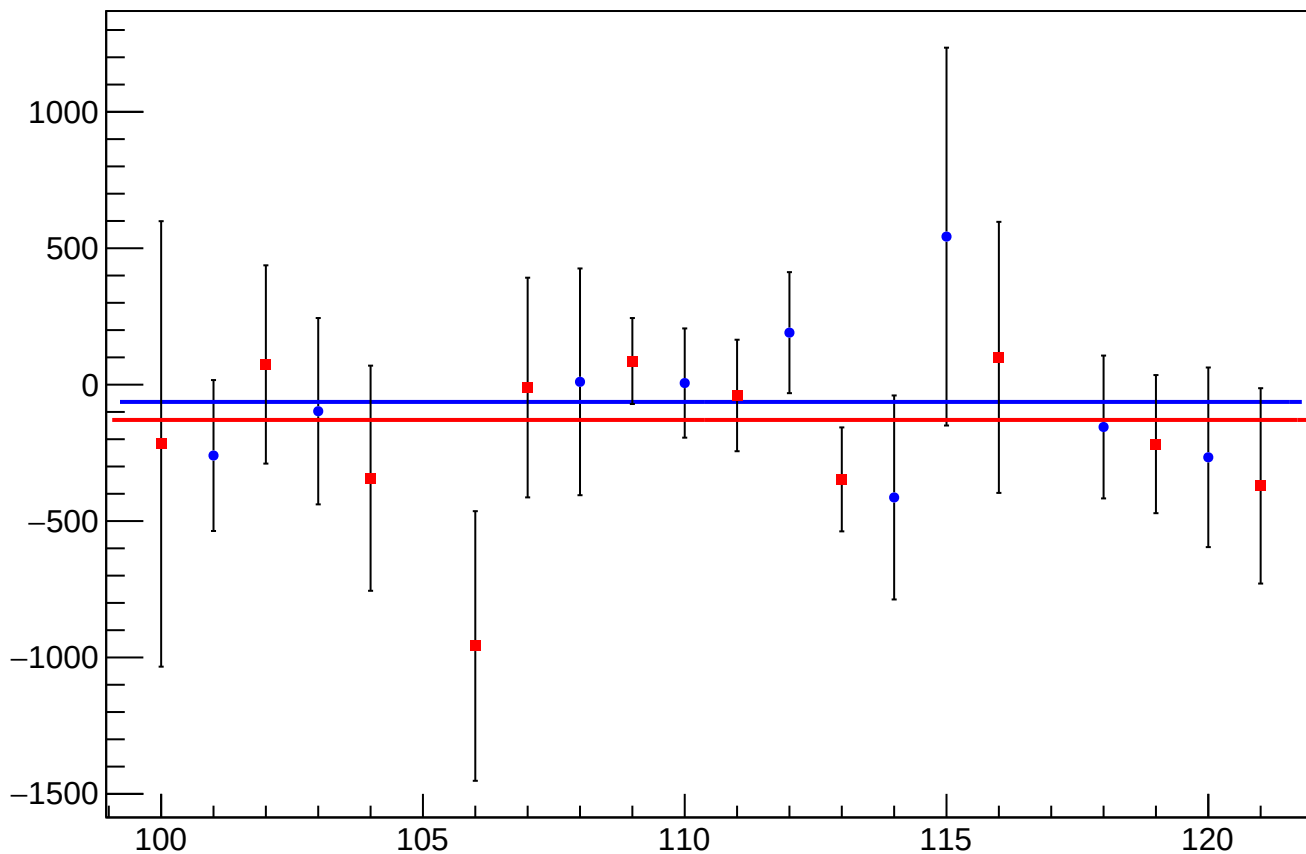
Right: 173.399+/-0.046 χ^2/NDF : 1398428.6/19

In: 180.710+/-0.070 χ^2/NDF : 456532.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.399+/-0.046 χ^2/NDF : 1398428.6/19

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -63.283 ± 97.238 χ^2/NDF : 4.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -129.327 ± 83.204 χ^2/NDF : 7.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

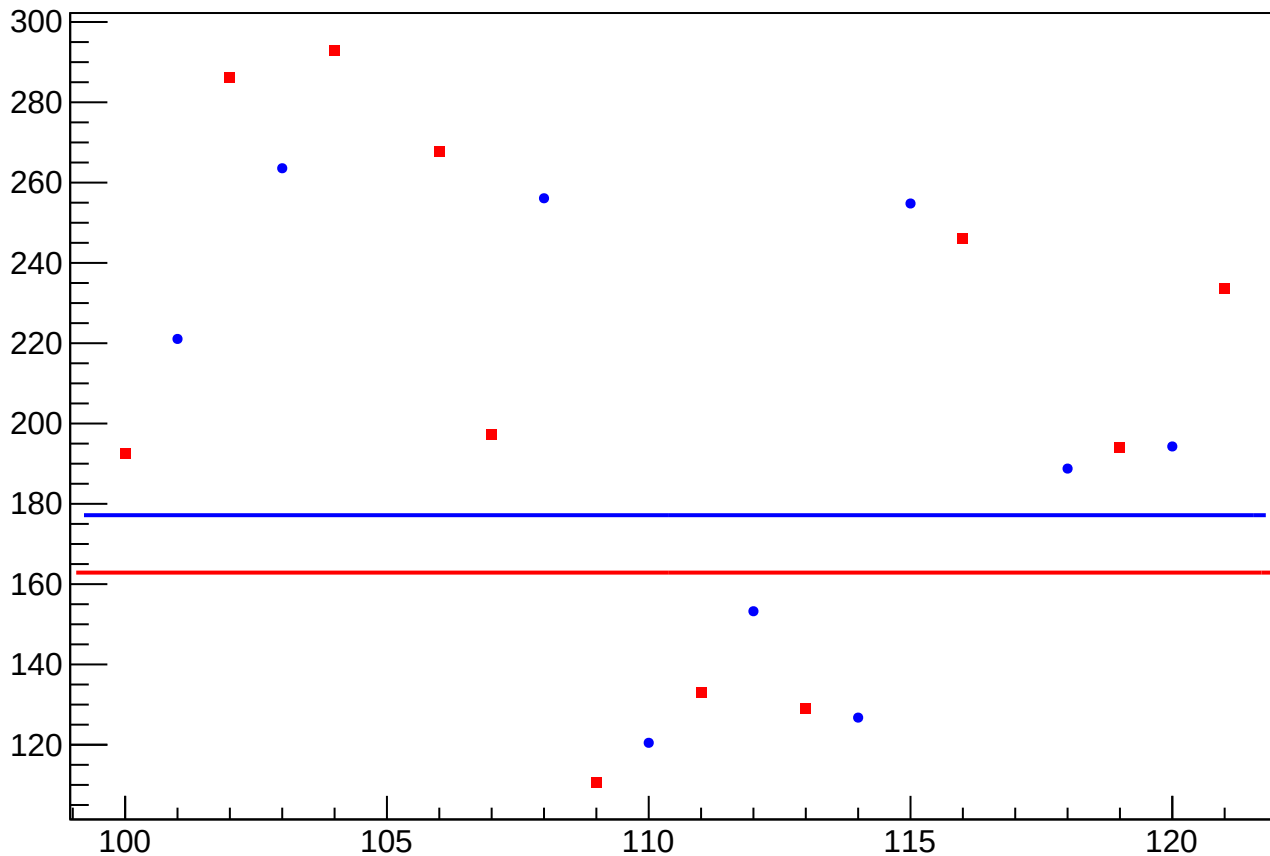
Right: -101.411 ± 63.219 χ^2/NDF : 12.1/19

In: -63.283 ± 97.238 χ^2/NDF : 4.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -101.411 ± 63.219 χ^2/NDF : 12.1/19

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 177.170+/-0.069 χ^2/NDF : 504928.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.874+/-0.059 χ^2/NDF : 1026926.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

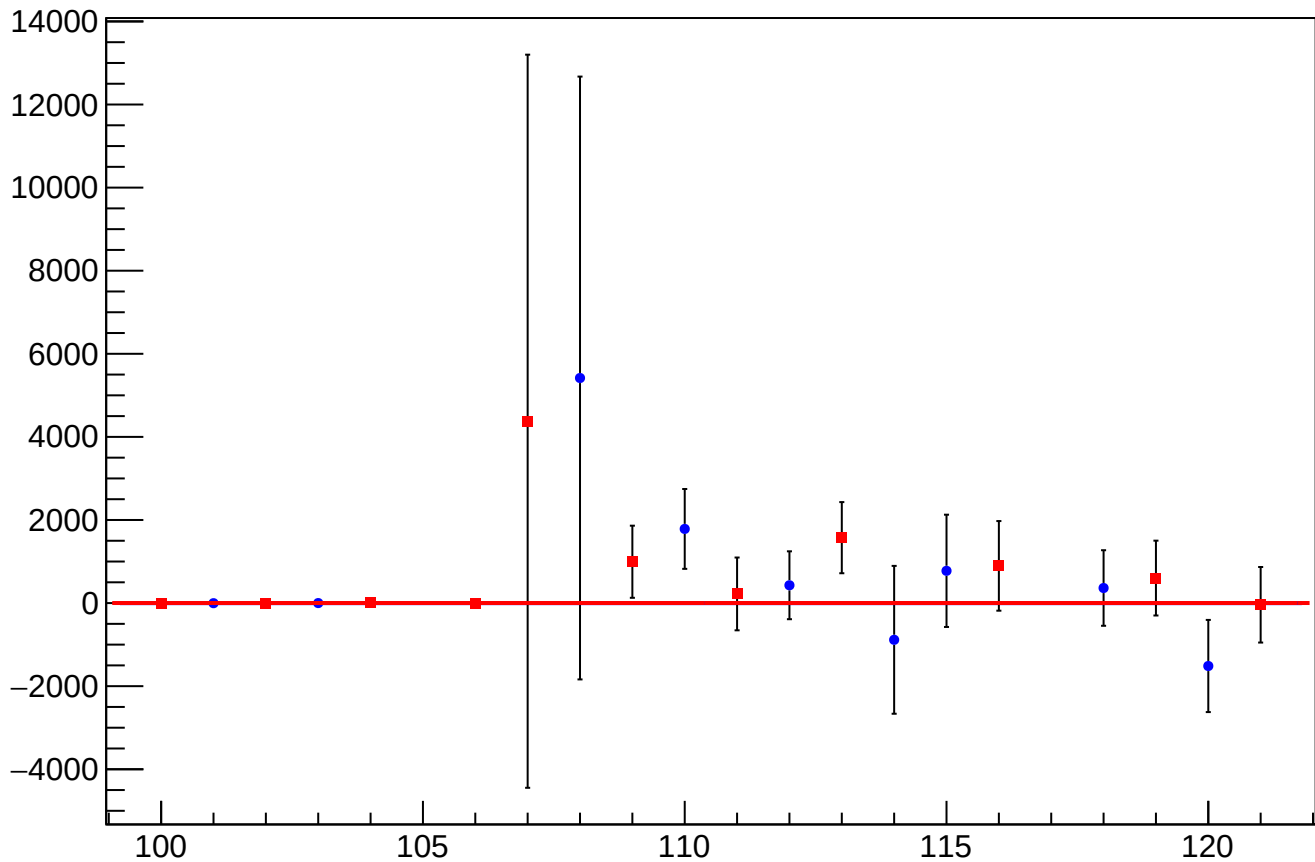
Right: 168.917+/-0.045 χ^2/NDF : 1556814.2/19

In: 177.170+/-0.069 χ^2/NDF : 504928.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.917+/-0.045 χ^2/NDF : 1556814.2/19

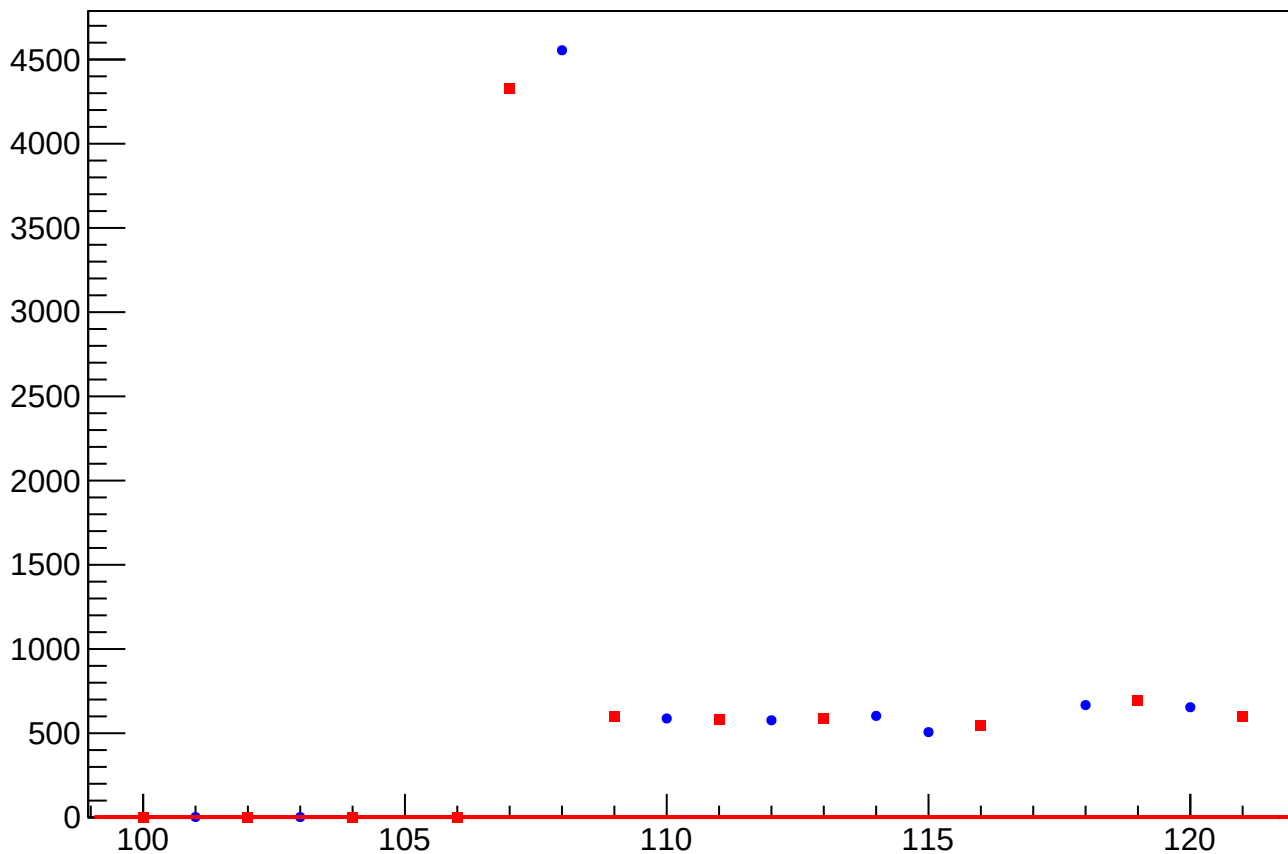
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.209 $\pm$ 2.171 χ^2 /NDF: 7.3/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 1.384 $\pm$ 2.022 χ^2 /NDF: 11.3/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.179 $\pm$ 1.480 χ^2 /NDF: 19.4/19
 In: -1.209 $\pm$ 2.171 χ^2 /NDF:7.3/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.179 $\pm$ 1.480 χ^2 /NDF: 19.4/19

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.446+/-0.002 χ^2/NDF : 4798523.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.441+/-0.001 χ^2/NDF : 5800509.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

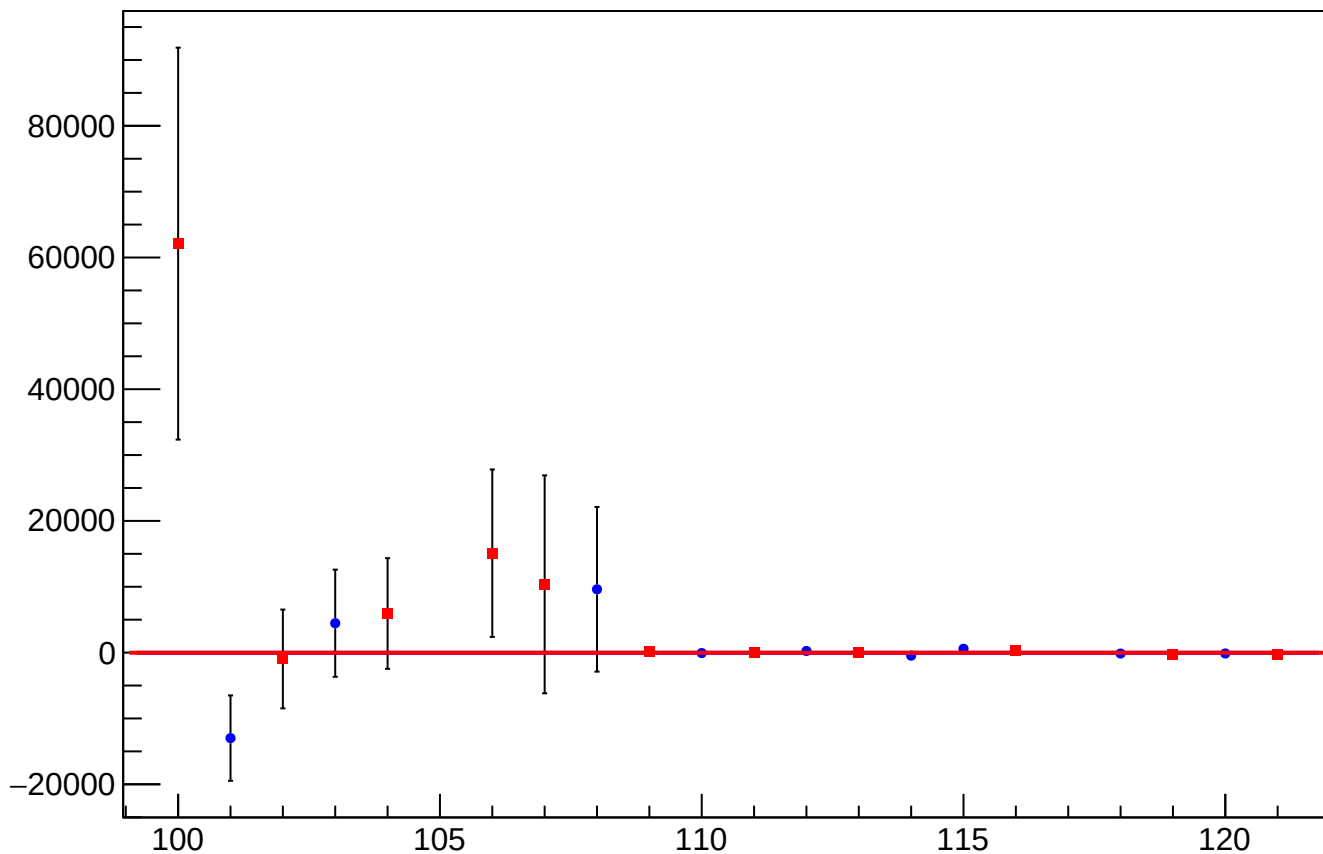
Right: 2.443+/-0.001 χ^2/NDF : 10599038.4/19

In: 2.446+/-0.002 χ^2/NDF :4798523.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.443+/-0.001 χ^2/NDF : 10599038.4/19

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -25.846+/-115.988 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.249+/-103.048 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

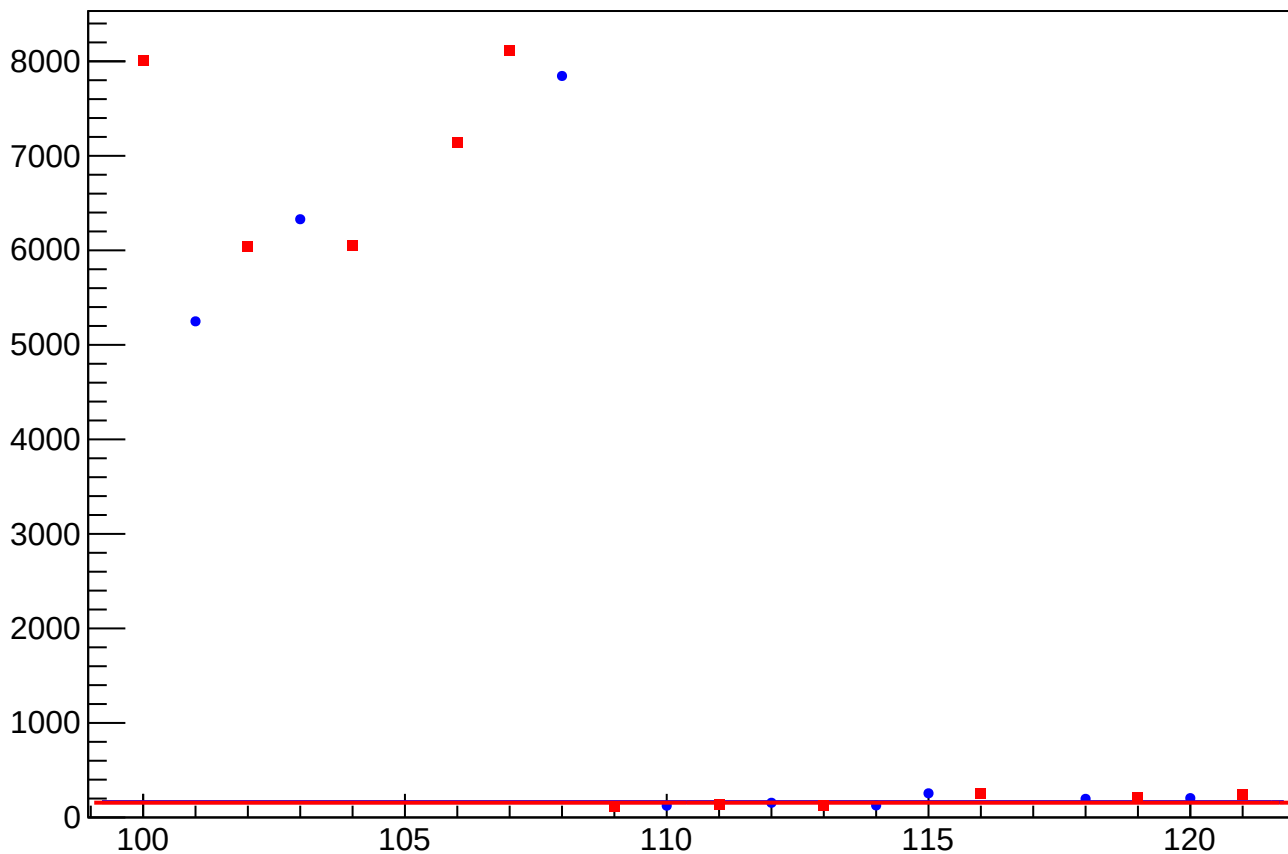
Right: -23.277+/-77.036 χ^2/NDF : 19.4/19

In: -25.846+/-115.988 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.277+/-77.036 χ^2/NDF : 19.4/19

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 162.286+/-0.082 χ^2/NDF : 3320212.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 156.381+/-0.073 χ^2/NDF : 3782956.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

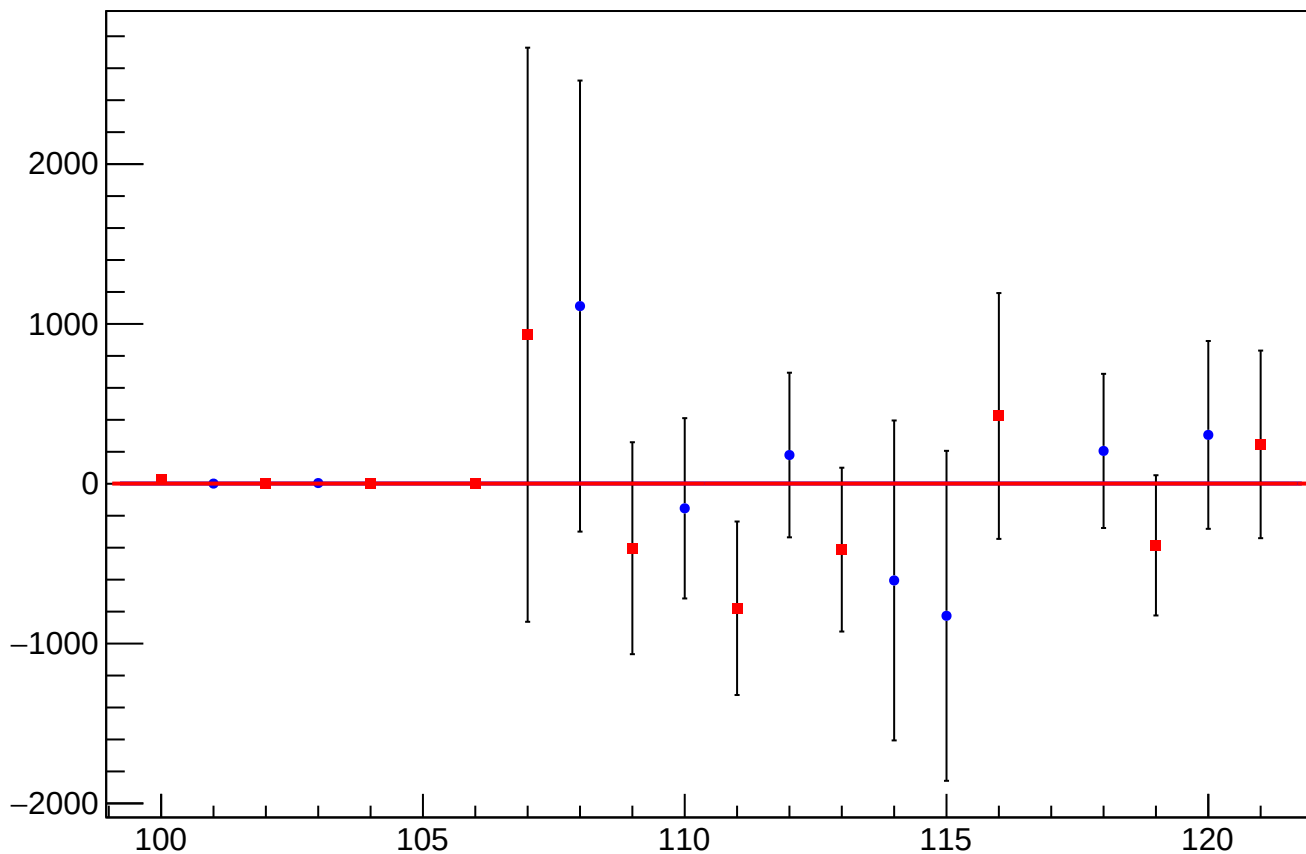
Right: 158.986+/-0.054 χ^2/NDF : 7106066.2/19

In: 162.286+/-0.082 χ^2/NDF :3320212.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 158.986+/-0.054 χ^2/NDF : 7106066.2/19

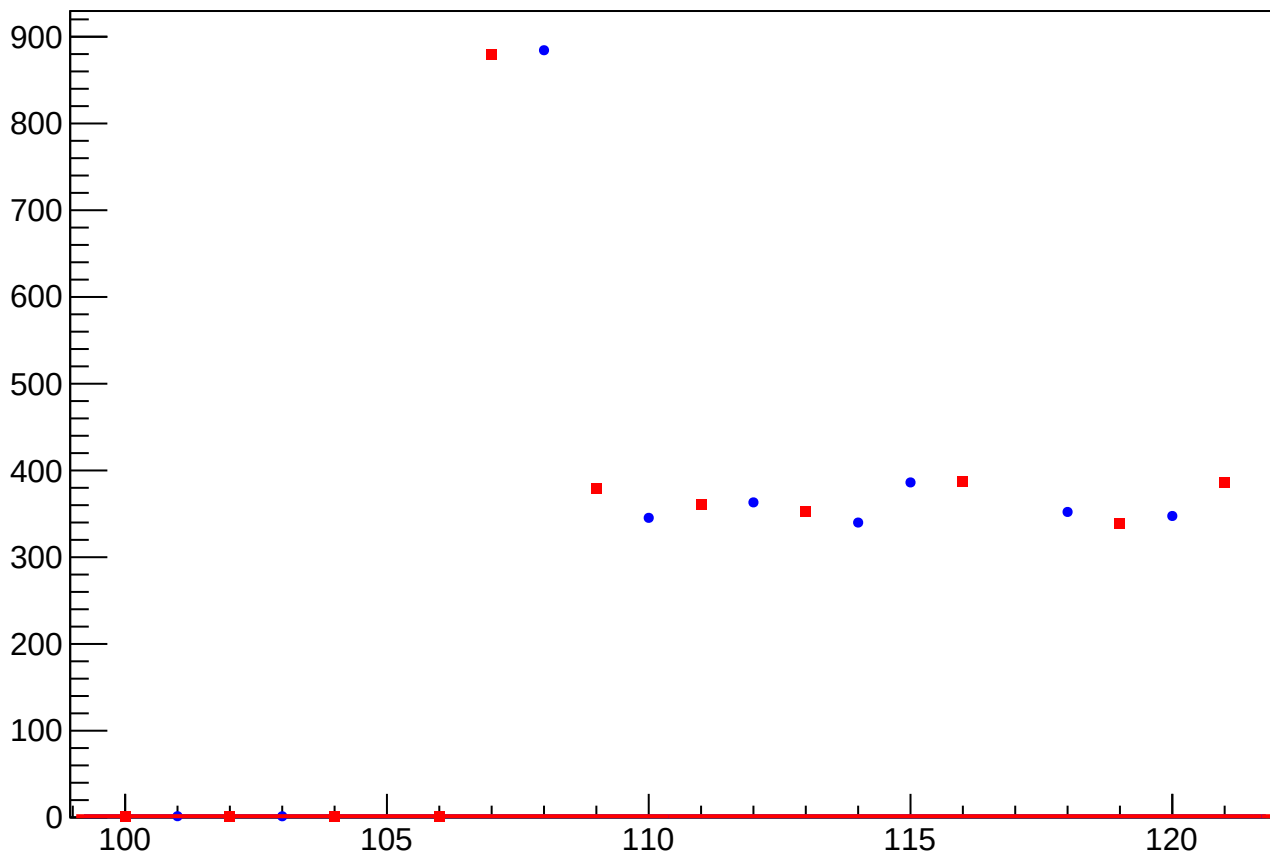
asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.447 $\pm$ 1.660 χ^2 /NDF: 2.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 1.101 $\pm$ 1.528 χ^2 /NDF: 7.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 1.259 $\pm$ 1.124 χ^2 /NDF: 9.8/19
 In: 1.447 $\pm$ 1.660 χ^2 /NDF:2.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 1.259 $\pm$ 1.124 χ^2 /NDF: 9.8/19

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.446+/-0.001 χ^2/NDF : 4772075.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.450+/-0.001 χ^2/NDF : 5484988.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

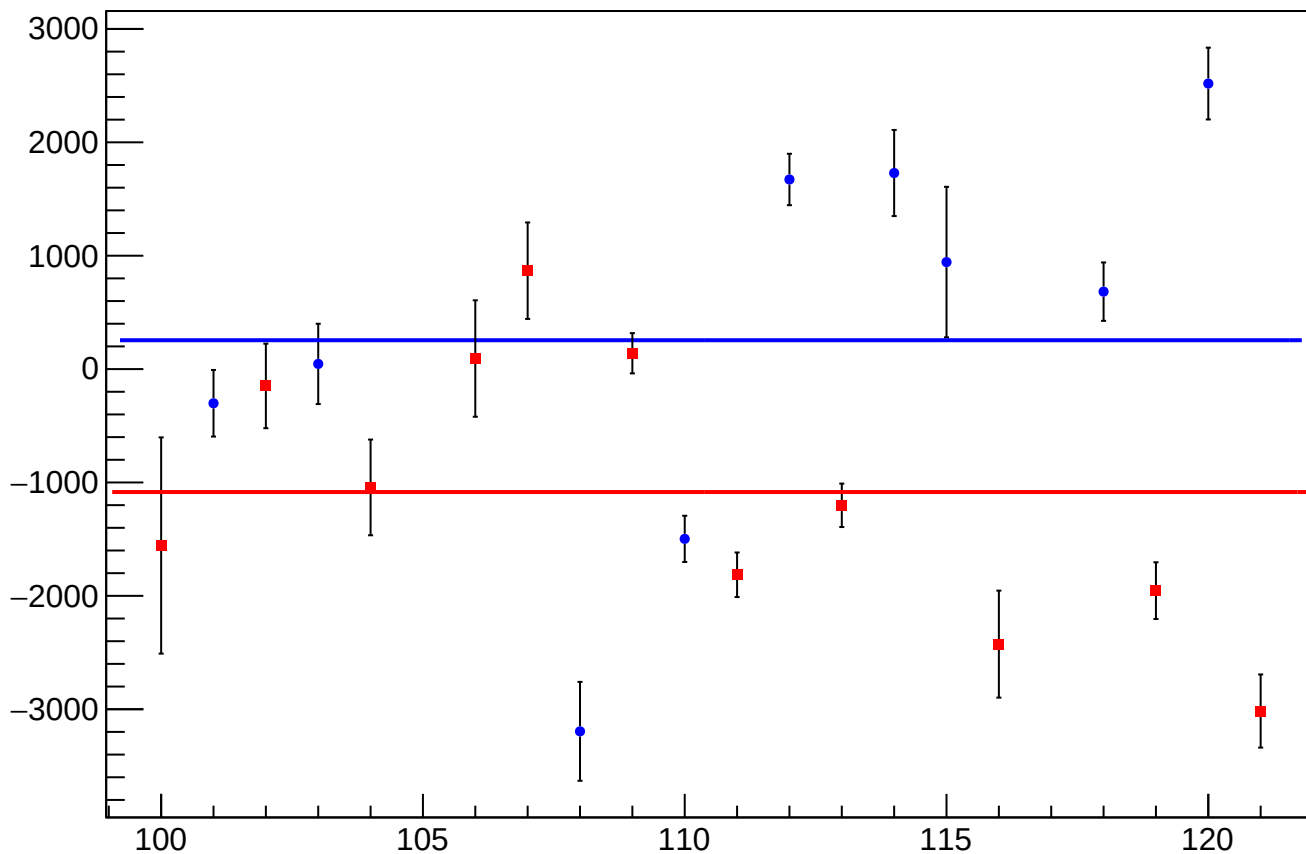
Right: 1.448+/-0.001 χ^2/NDF : 10257069.3/19

In: 1.446+/-0.001 χ^2/NDF : 4772075.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.448+/-0.001 χ^2/NDF : 10257069.3/19

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 254.544+/-98.714 χ^2/NDF : 249.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1084.383+/-85.078 χ^2/NDF : 150.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

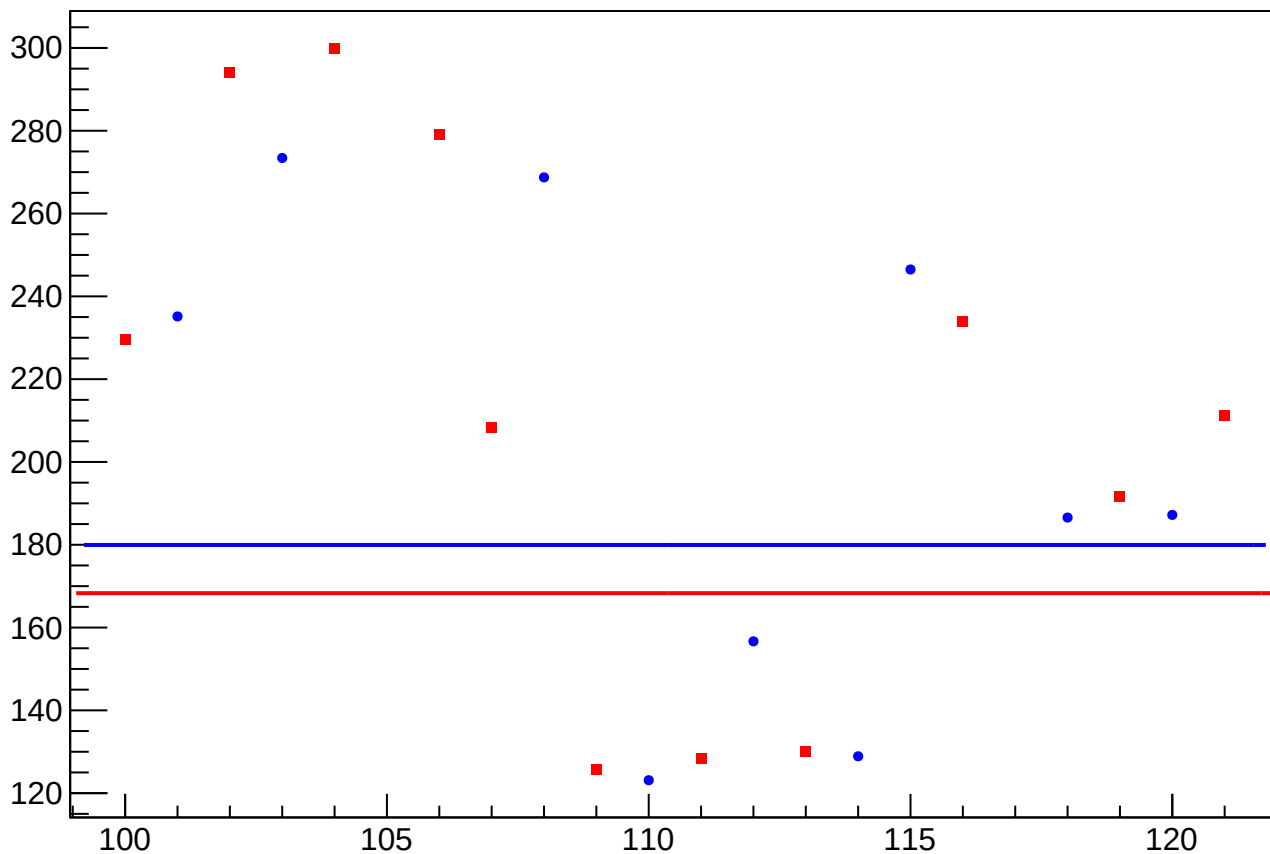
Right: -513.716+/-64.445 χ^2/NDF : 505.7/19

In: 254.544+/-98.714 χ^2/NDF : 249.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -513.716+/-64.445 χ^2/NDF : 505.7/19

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 179.953+/-0.070 χ^2/NDF : 528028.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.310+/-0.060 χ^2/NDF : 910324.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

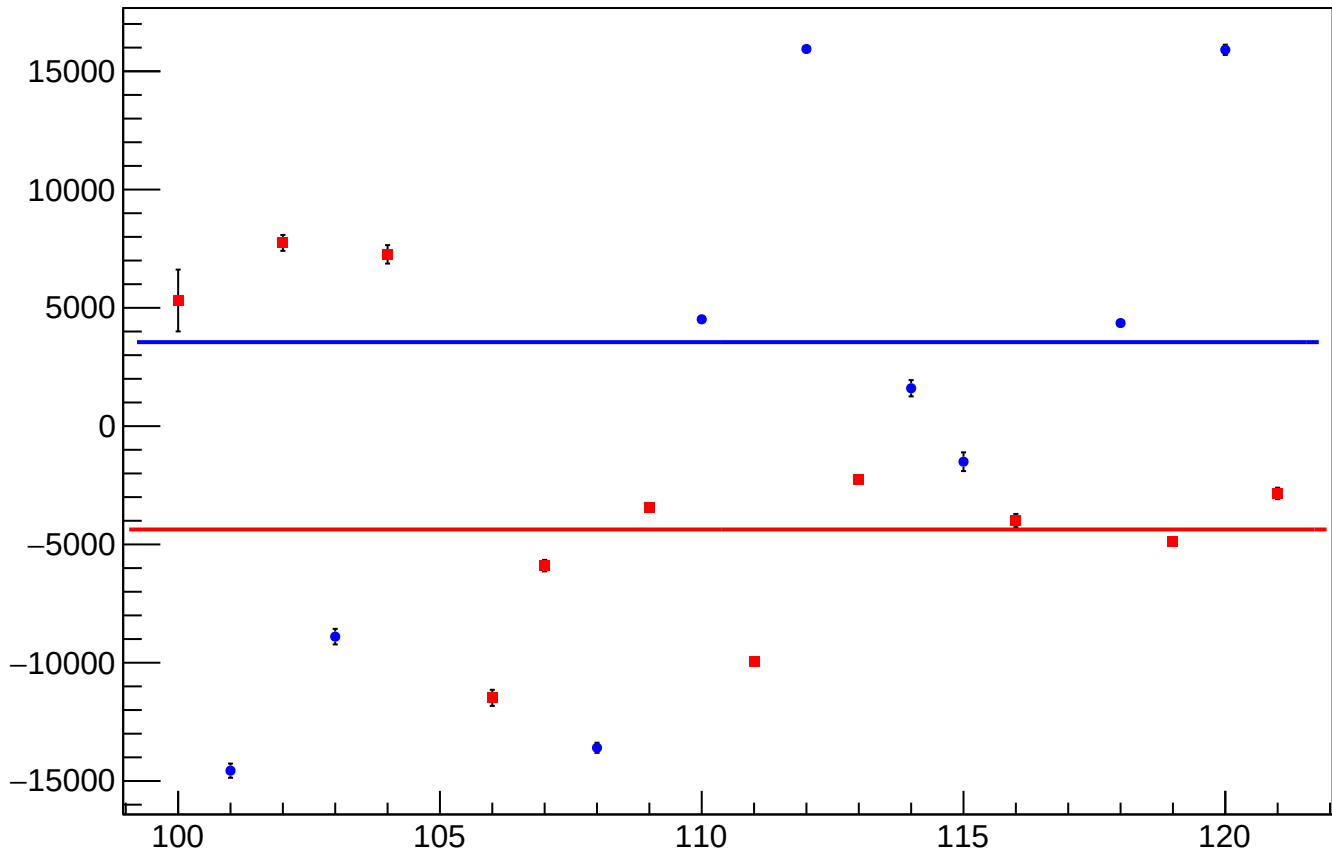
Right: 173.272+/-0.046 χ^2/NDF : 1454316.0/19

In: 179.953+/-0.070 χ^2/NDF :528028.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.272+/-0.046 χ^2/NDF : 1454316.0/19

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4368.612+/-67.115 χ^2/NDF : 4263.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

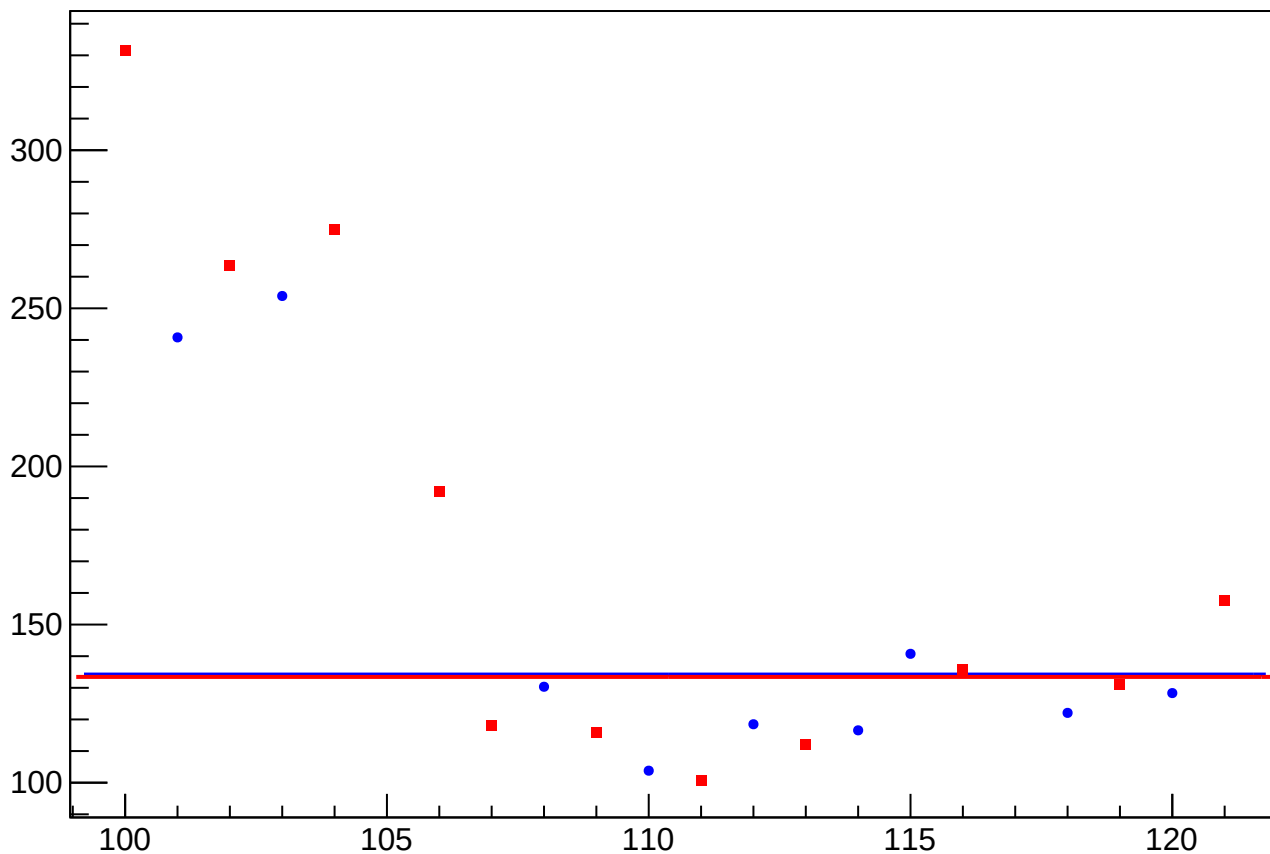
Right: -822.775+/-49.876 χ^2/NDF : 30488.8/19

In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.775+/-49.876 χ^2/NDF : 30488.8/19

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.447+/-0.047 χ^2/NDF : 842664.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

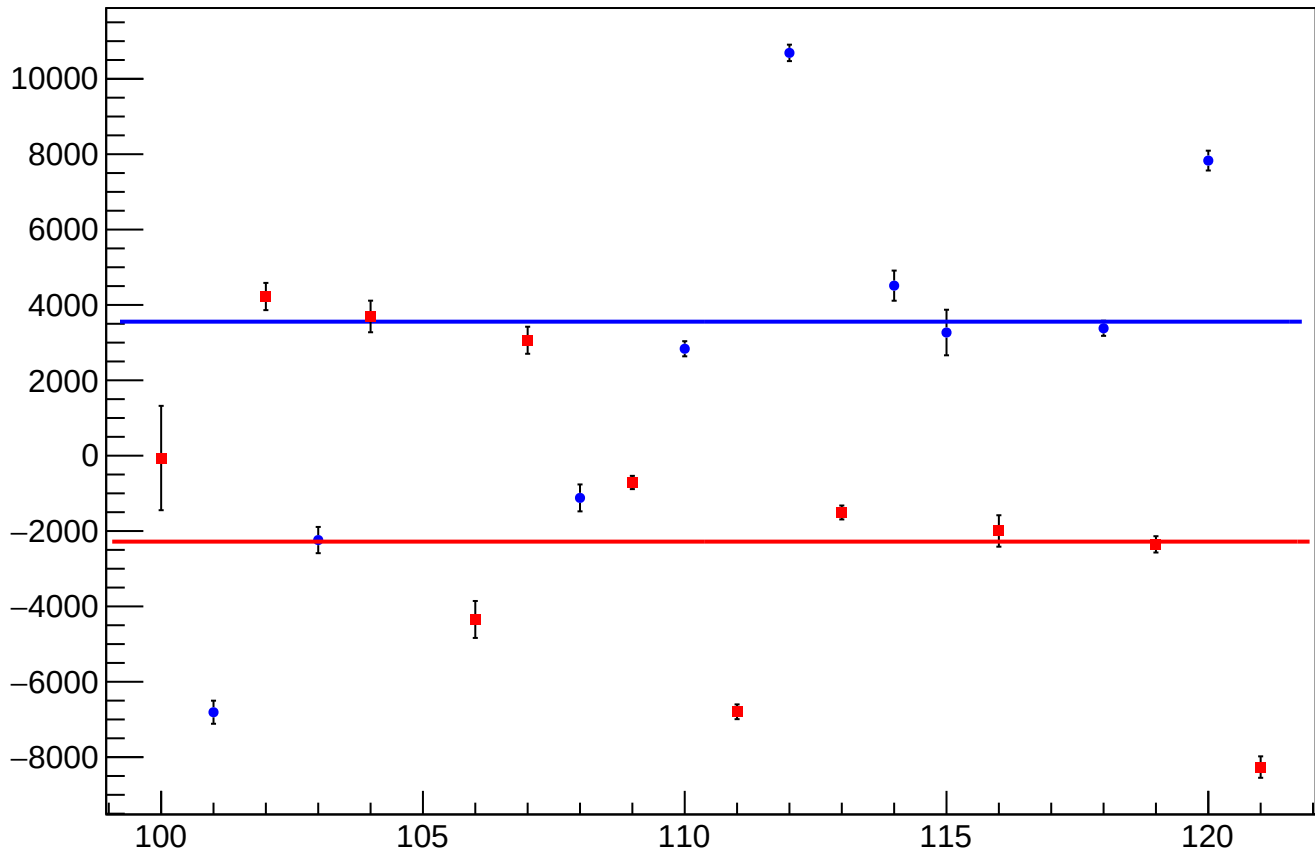
Right: 133.779+/-0.035 χ^2/NDF : 1453827.2/19

In: 134.187+/-0.053 χ^2/NDF :611054.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.779+/-0.035 χ^2/NDF : 1453827.2/19

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3556.137+/-90.967 χ^2/NDF : 2944.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2280.732+/-80.882 χ^2/NDF : 1839.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

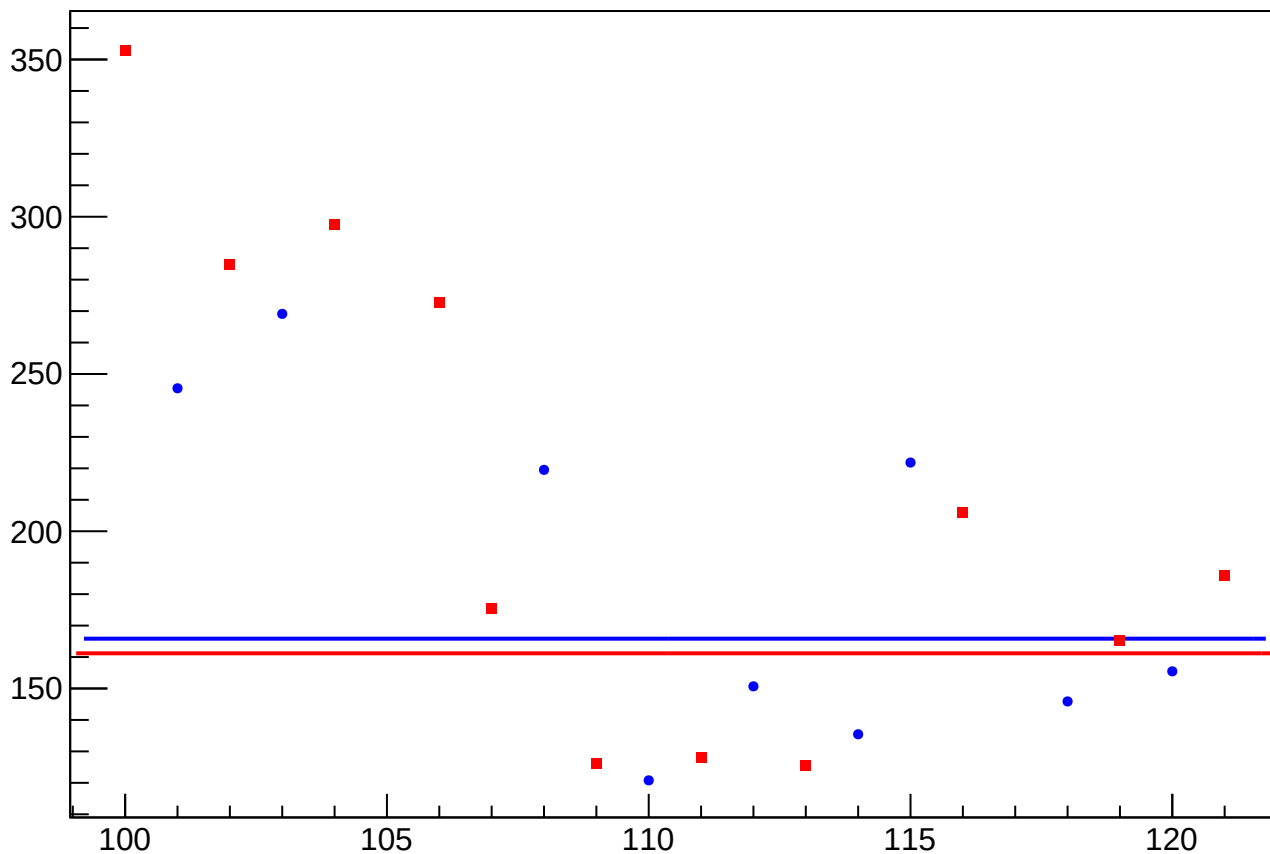
Right: 296.350+/-60.445 χ^2/NDF : 7083.2/19

In: 3556.137+/-90.967 χ^2/NDF :2944.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 296.350+/-60.445 χ^2/NDF : 7083.2/19

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.187+/-0.057 χ^2/NDF : 842351.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

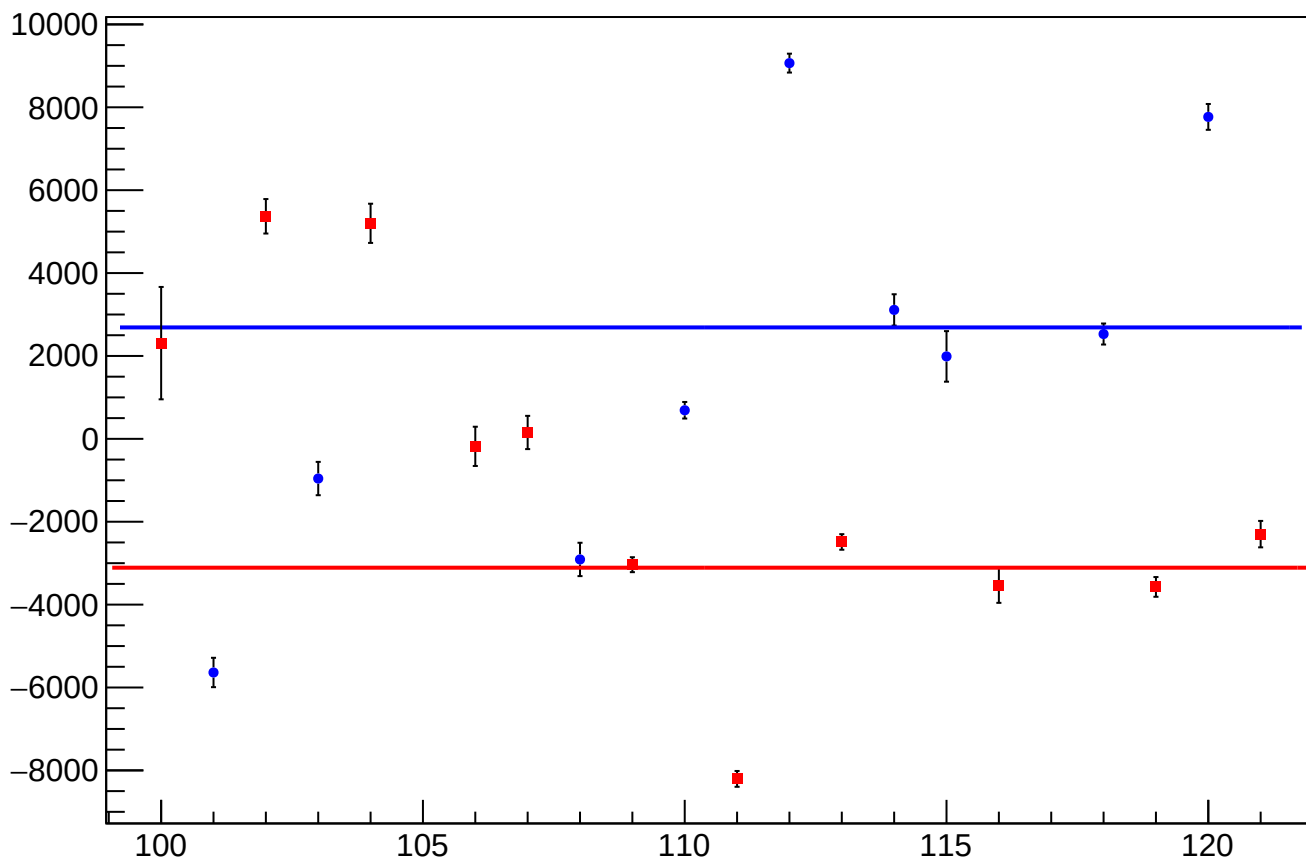
Right: 163.242+/-0.043 χ^2/NDF : 1363153.5/19

In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.242+/-0.043 χ^2/NDF : 1363153.5/19

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2688.619+/-99.918 χ^2/NDF : 1979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3109.111+/-84.216 χ^2/NDF : 1579.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

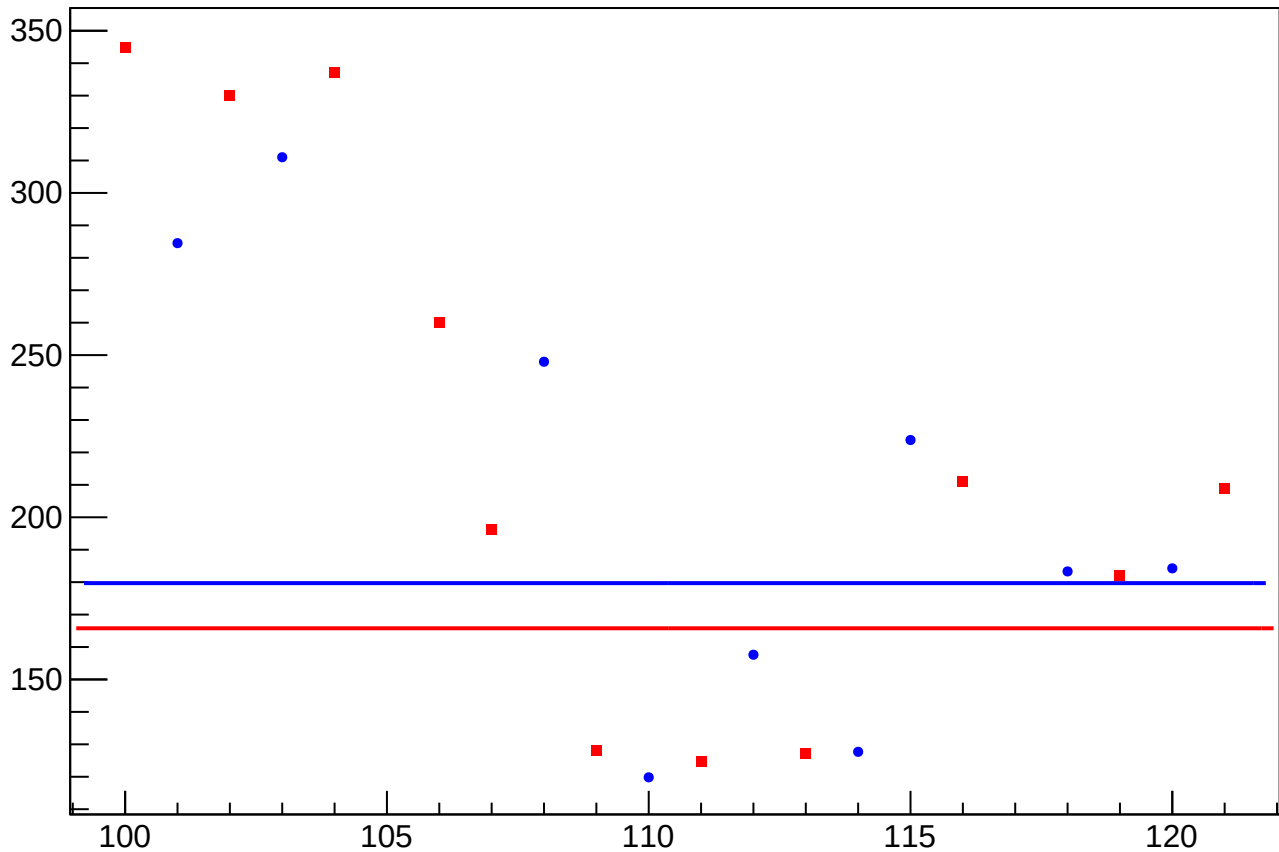
Right: -701.078+/-64.394 χ^2/NDF : 5526.9/19

In: 2688.619+/-99.918 χ^2/NDF :1979.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -701.078+/-64.394 χ^2/NDF : 5526.9/19

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.777+/-0.060 χ^2/NDF : 1033231.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

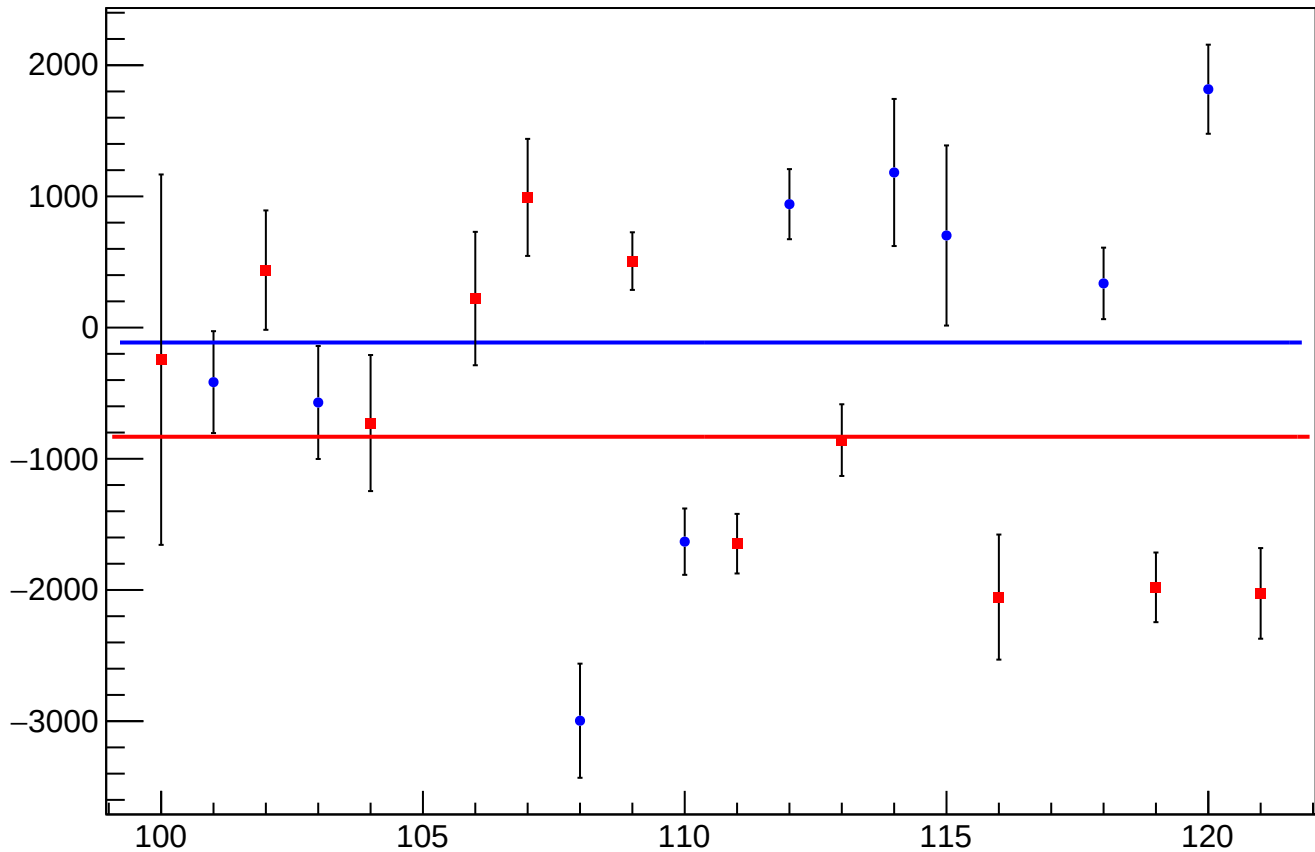
Right: 171.560+/-0.046 χ^2/NDF : 1749431.4/19

In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.560+/-0.046 χ^2/NDF : 1749431.4/19

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -113.725+/-115.938 χ^2/NDF : 139.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -832.051+/-100.800 χ^2/NDF : 116.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

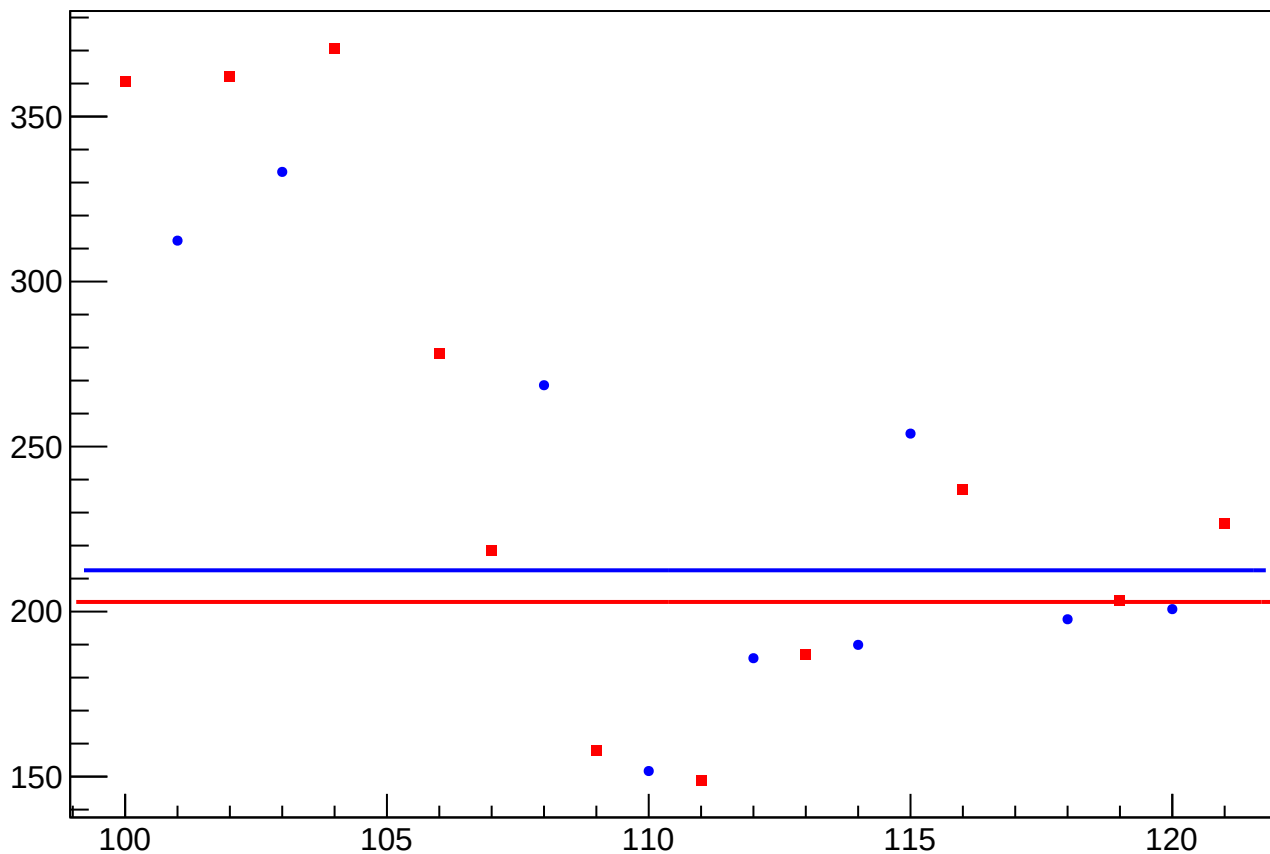
Right: -522.817+/-76.070 χ^2/NDF : 277.2/19

In: -113.725+/-115.938 χ^2/NDF : 139.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.817+/-76.070 χ^2/NDF : 277.2/19

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.921+/-0.071 χ^2/NDF : 747745.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

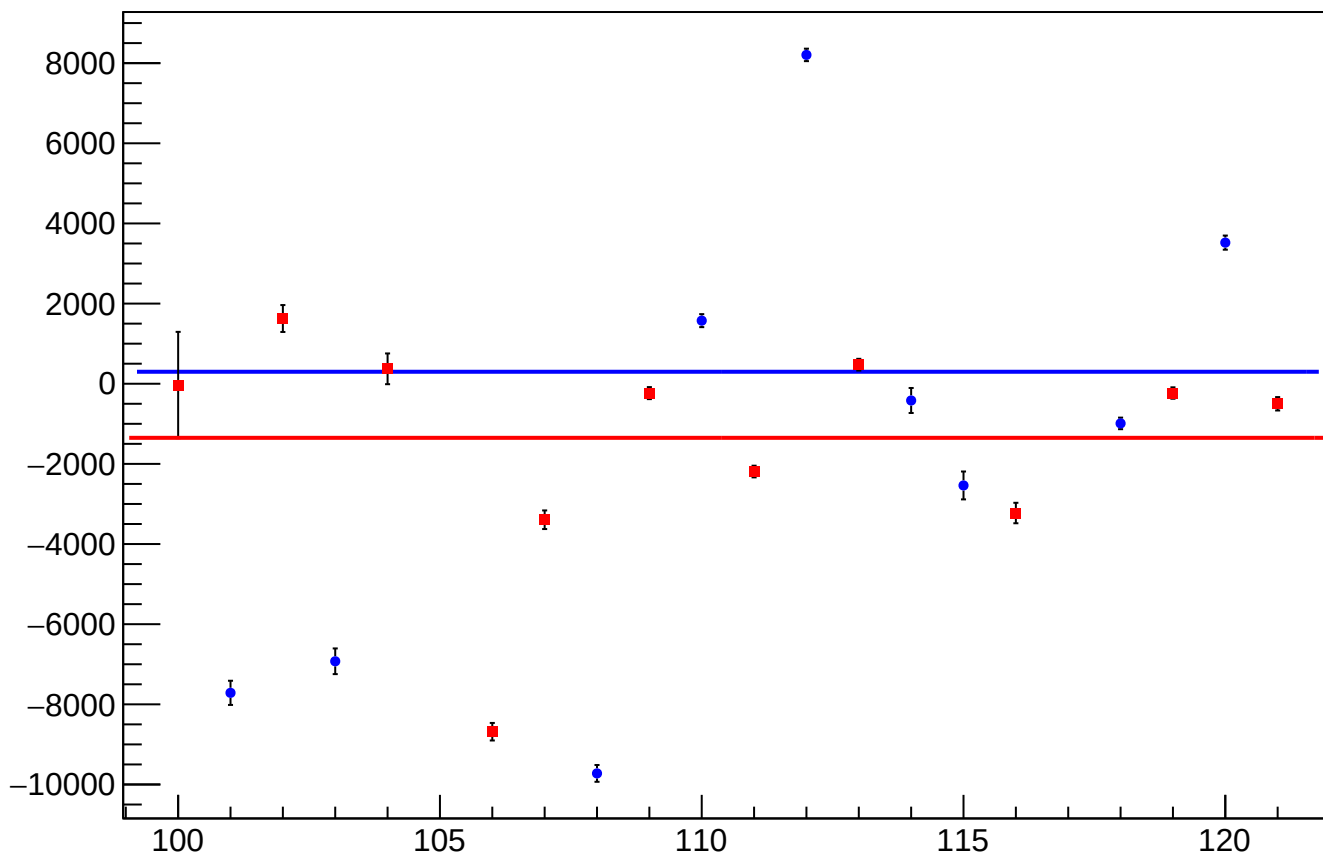
Right: 207.050+/-0.054 χ^2/NDF : 1232752.7/19

In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.050+/-0.054 χ^2/NDF : 1232752.7/19

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 299.062 $\pm$ 67.178 χ^2 /NDF: 6629.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1349.655 $\pm$ 58.286 χ^2 /NDF: 1685.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

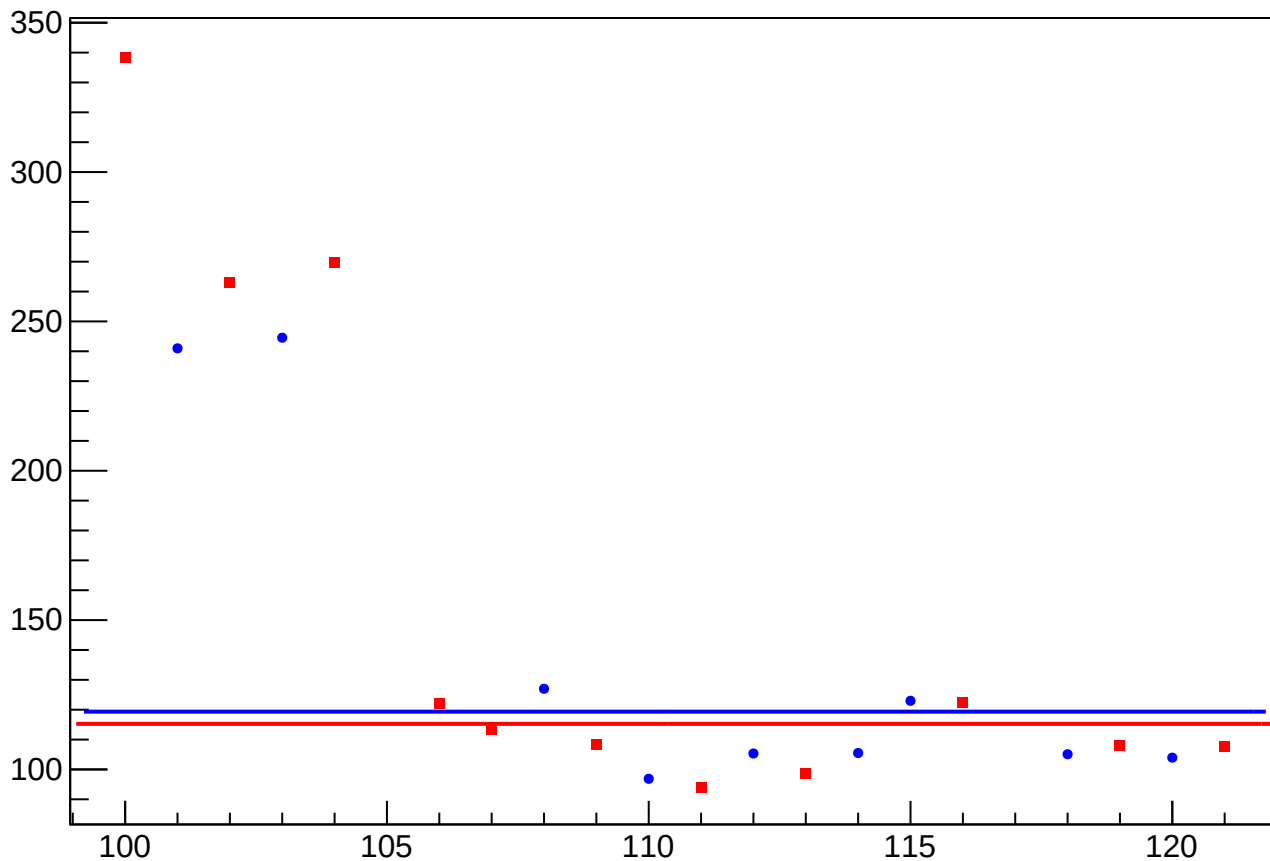
Right: -641.553 $\pm$ 44.025 χ^2 /NDF: 8658.9/19

In: 299.062 $\pm$ 67.178 χ^2 /NDF:6629.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -641.553 $\pm$ 44.025 χ^2 /NDF: 8658.9/19

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.265+/-0.041 χ^2/NDF : 854947.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

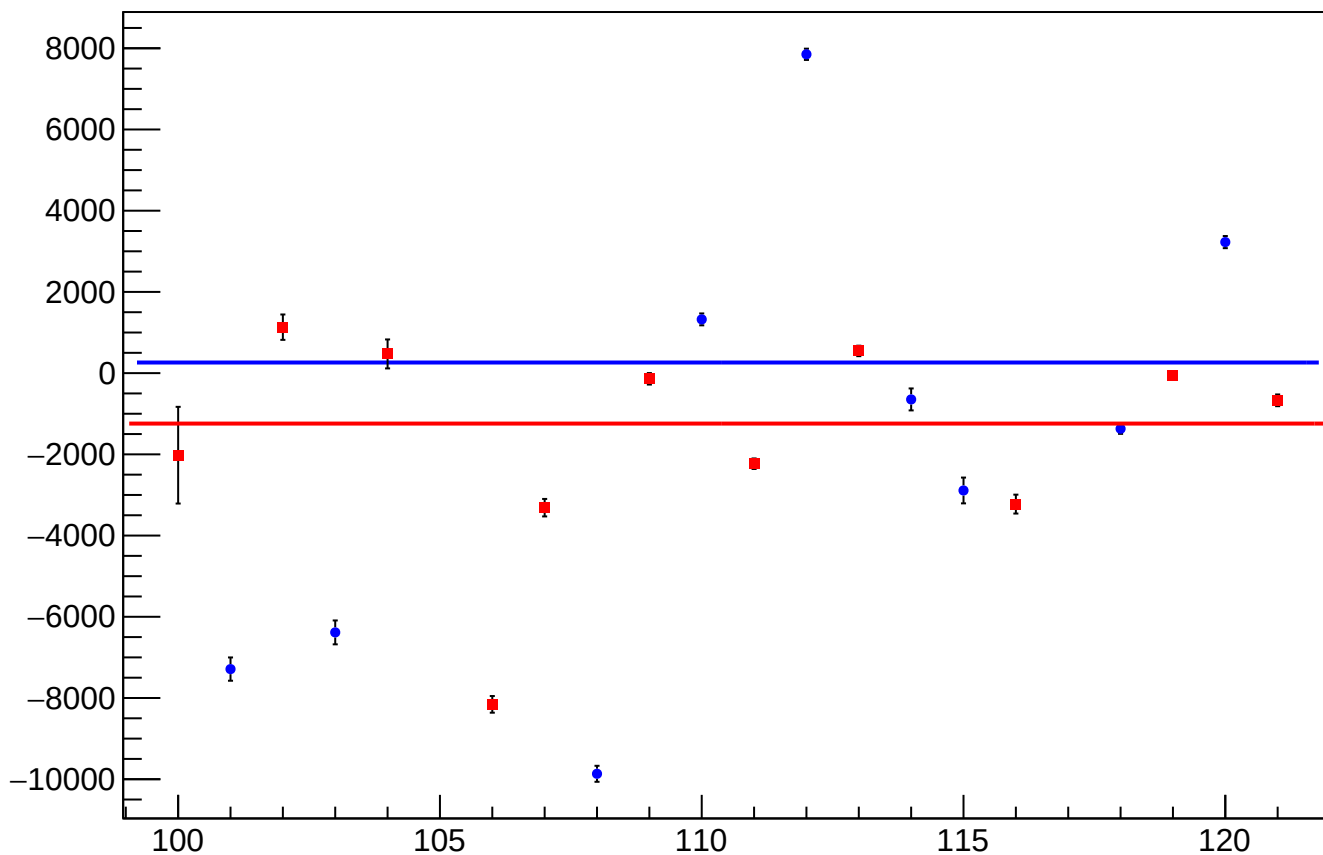
Right: 117.019+/-0.031 χ^2/NDF : 1585525.0/19

In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.019+/-0.031 χ^2/NDF : 1585525.0/19

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 261.404+/-59.819 χ^2/NDF : 7560.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1242.161+/-52.278 χ^2/NDF : 1799.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

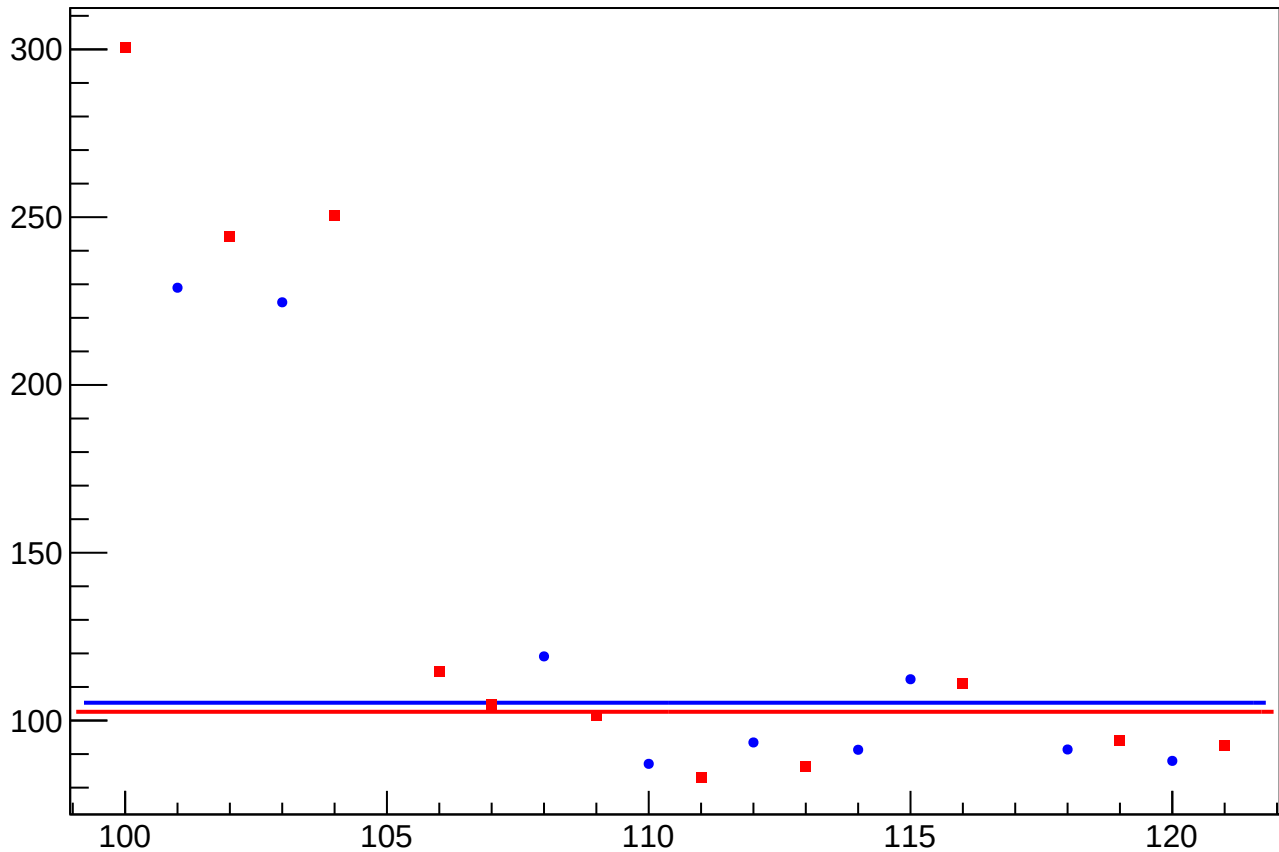
Right: -591.070+/-39.364 χ^2/NDF : 9718.8/19

In: 261.404+/-59.819 χ^2/NDF : 7560.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.070+/-39.364 χ^2/NDF : 9718.8/19

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 105.303+/-0.042 χ^2/NDF : 814490.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.606+/-0.037 χ^2/NDF : 916773.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

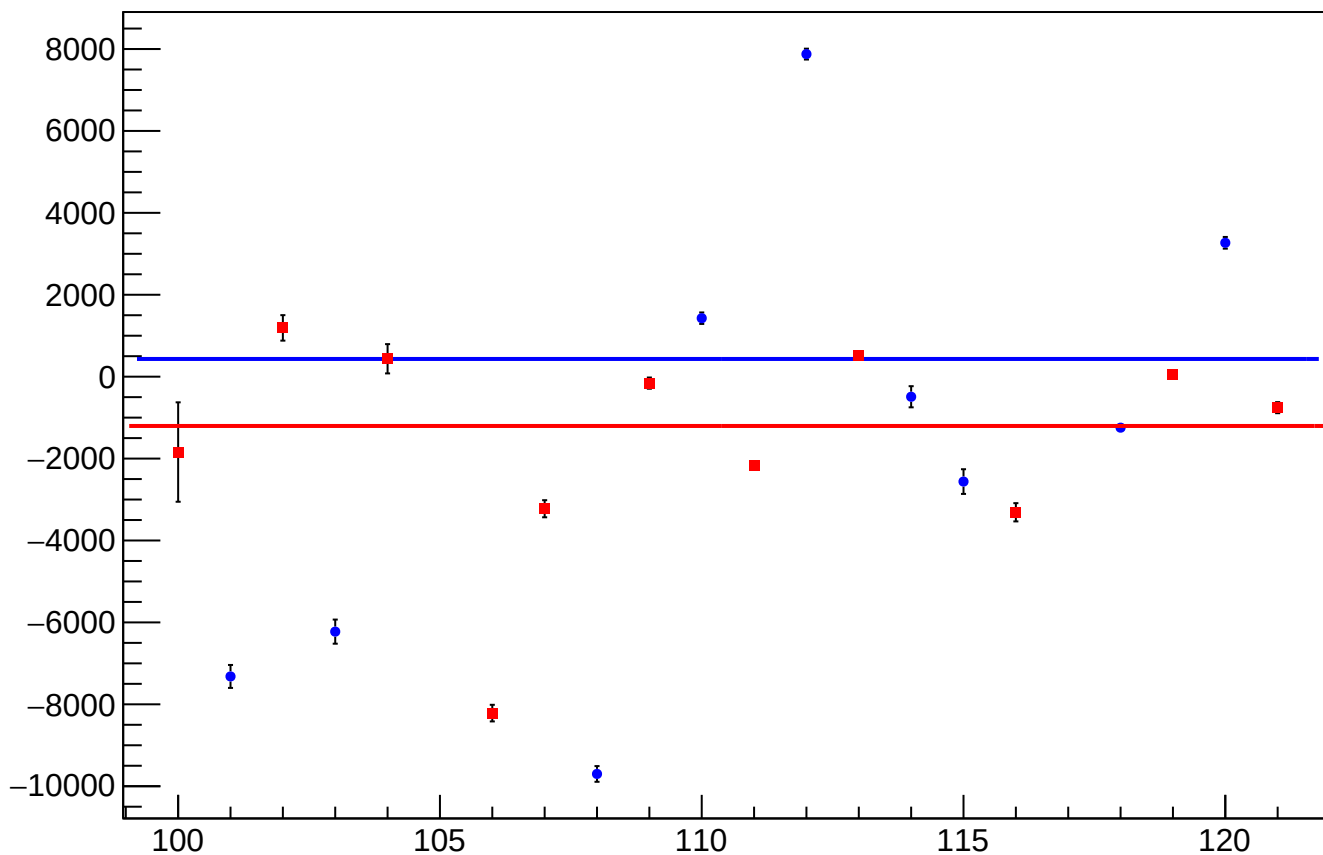
Right: 103.774+/-0.028 χ^2/NDF : 1733569.5/19

In: 105.303+/-0.042 χ^2/NDF : 814490.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.774+/-0.028 χ^2/NDF : 1733569.5/19

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 432.367+/-57.428 χ^2/NDF : 7966.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1203.721+/-49.829 χ^2/NDF : 1907.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

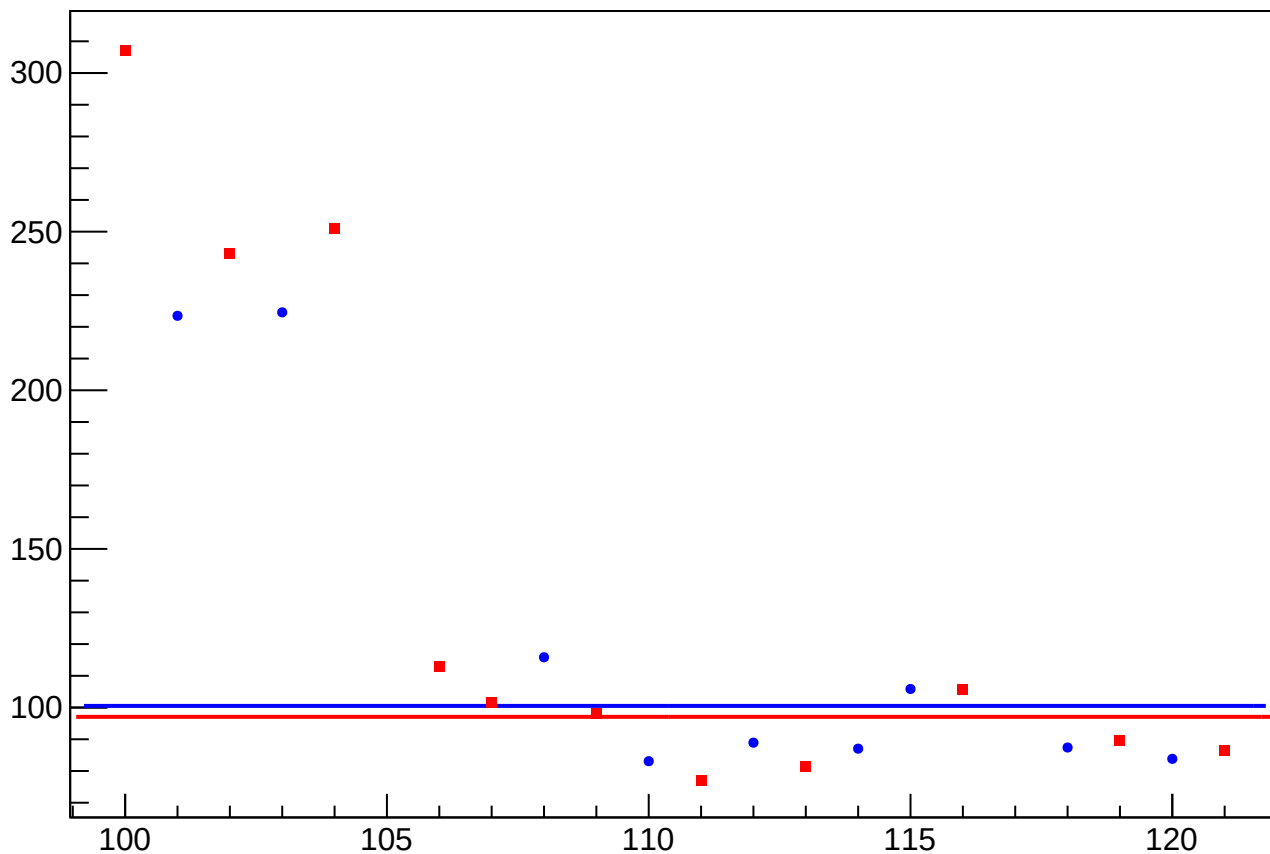
Right: -501.015+/-37.636 χ^2/NDF : 10337.0/19

In: 432.367+/-57.428 χ^2/NDF : 7966.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.015+/-37.636 χ^2/NDF : 10337.0/19

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 100.519+/-0.041 χ^2/NDF : 856245.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.070+/-0.035 χ^2/NDF : 997639.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

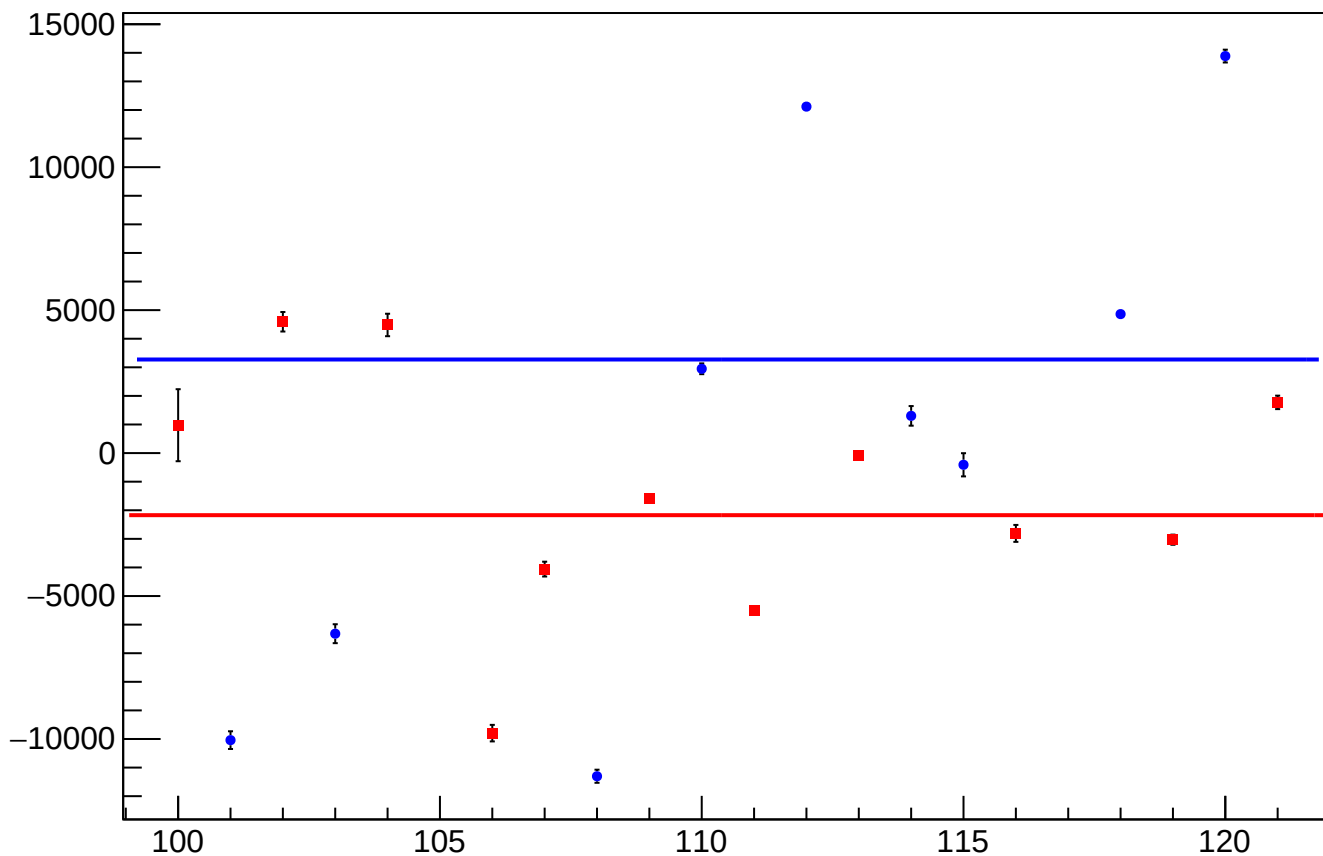
Right: 98.551+/-0.027 χ^2/NDF : 1858000.4/19

In: 100.519+/-0.041 χ^2/NDF :856245.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.551+/-0.027 χ^2/NDF : 1858000.4/19

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 3273.250+/-77.238 χ^2/NDF : 11714.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2171.617+/-69.216 χ^2/NDF : 2296.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

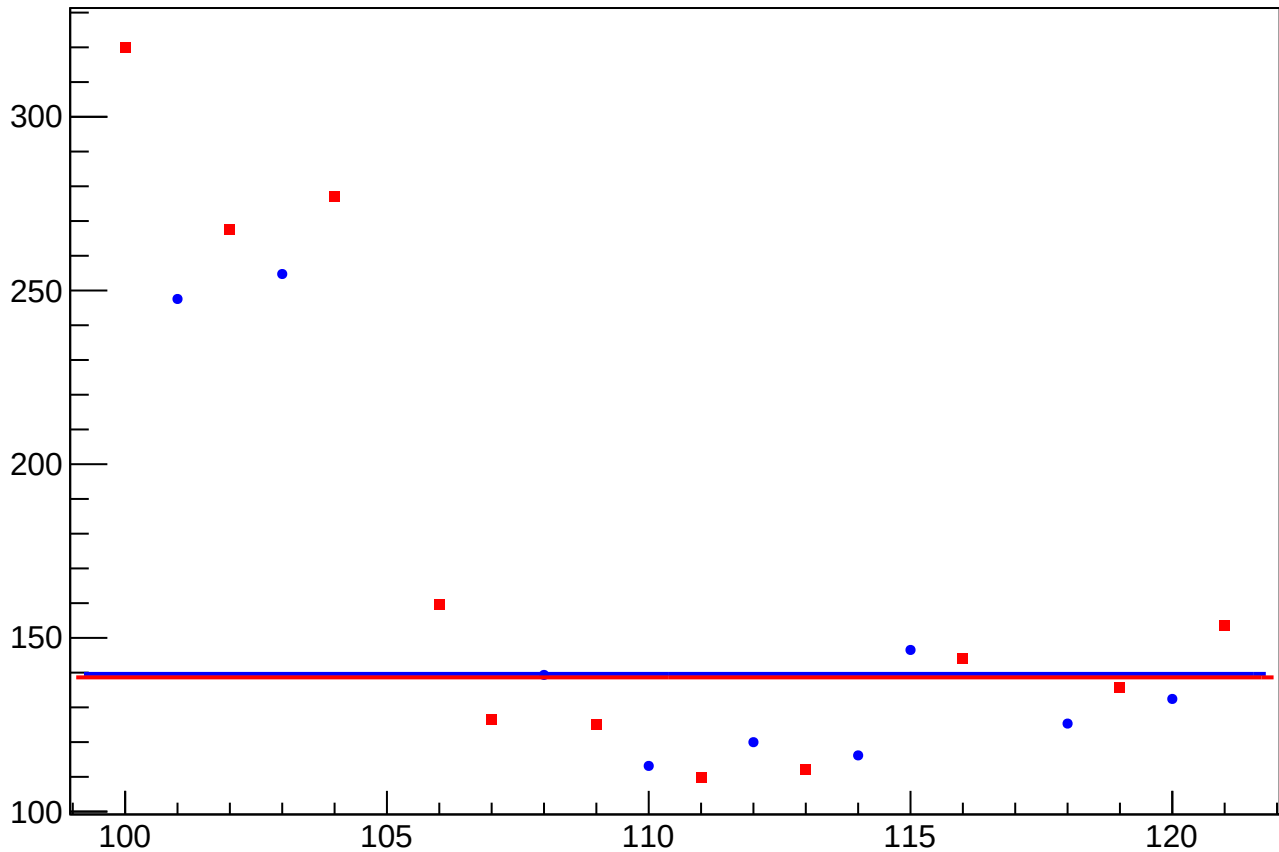
Right: 253.484+/-51.547 χ^2/NDF : 16767.3/19

In: 3273.250+/-77.238 χ^2/NDF : 11714.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.484+/-51.547 χ^2/NDF : 16767.3/19

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 139.634+/-0.055 χ^2/NDF : 575259.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.634+/-0.049 χ^2/NDF : 719548.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

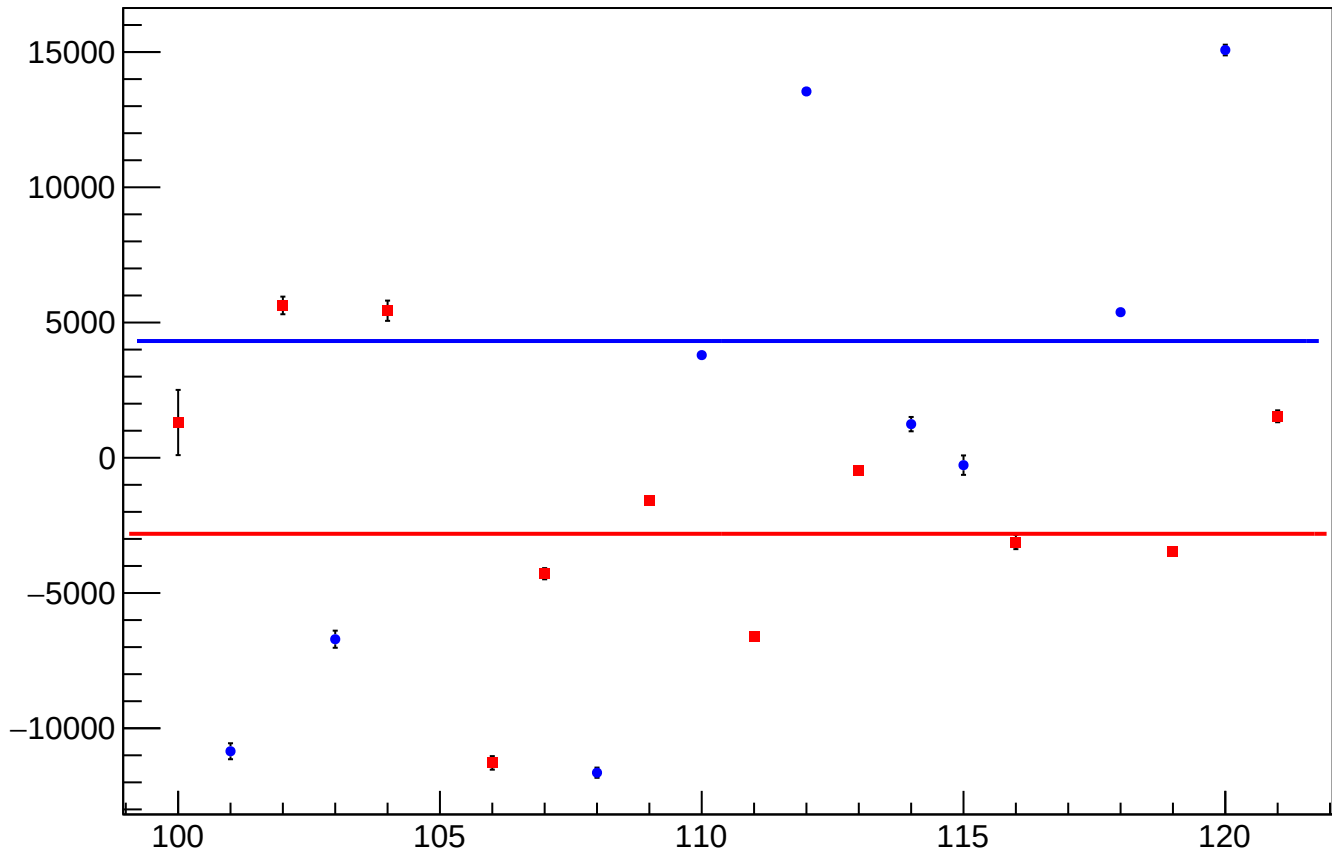
Right: 139.079+/-0.036 χ^2/NDF : 1294993.3/19

In: 139.634+/-0.055 χ^2/NDF : 575259.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.079+/-0.036 χ^2/NDF : 1294993.3/19

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4316.531+/-63.230 χ^2/NDF : 19029.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2810.729+/-56.053 χ^2/NDF : 4165.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

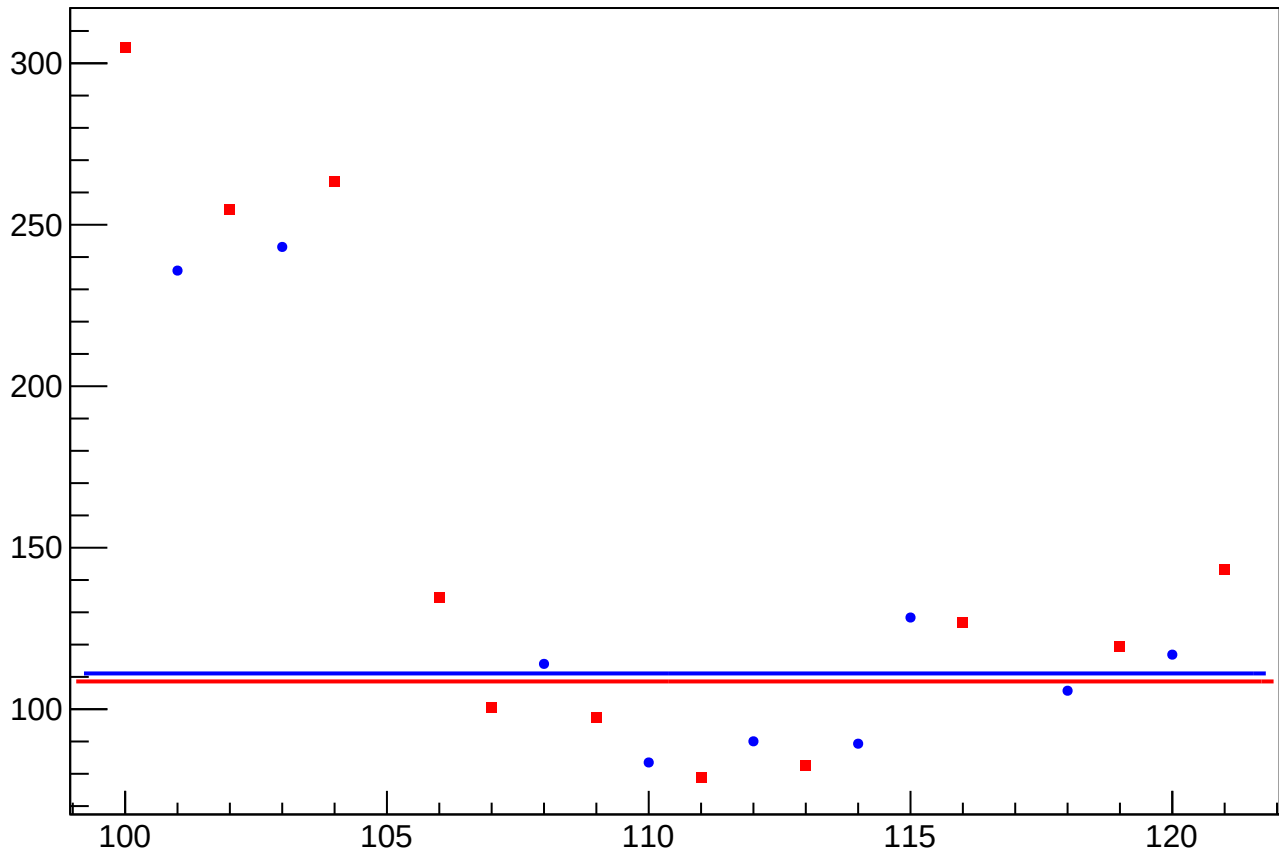
Right: 325.609+/-41.945 χ^2/NDF : 30309.9/19

In: 4316.531+/-63.230 χ^2/NDF : 19029.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.609+/-41.945 χ^2/NDF : 30309.9/19

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 111.071+/-0.045 χ^2/NDF : 853894.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.593+/-0.040 χ^2/NDF : 1110251.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

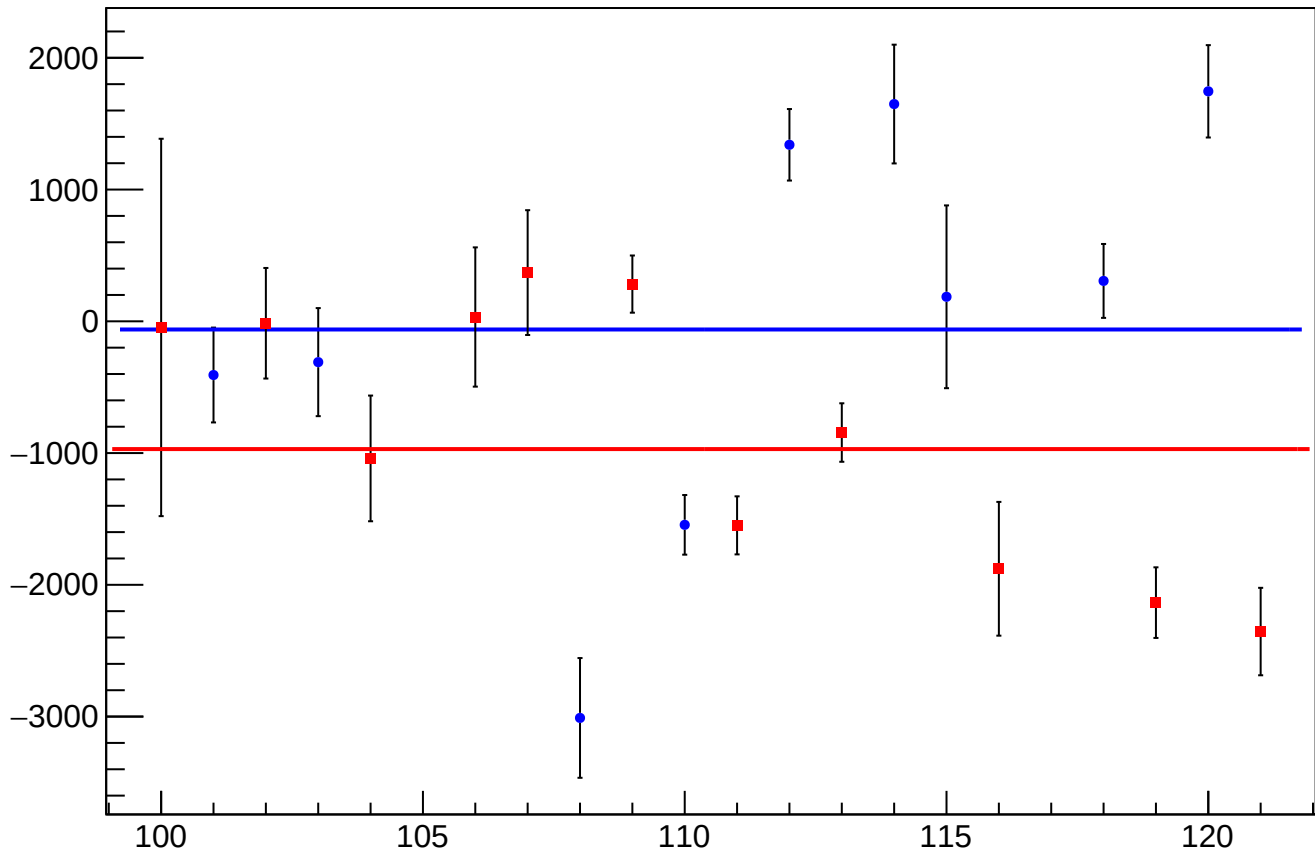
Right: 109.684+/-0.030 χ^2/NDF : 1965866.0/19

In: 111.071+/-0.045 χ^2/NDF :853894.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.684+/-0.030 χ^2/NDF : 1965866.0/19

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -62.036+/-112.189 χ^2/NDF : 155.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -969.736+/-96.398 χ^2/NDF : 97.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

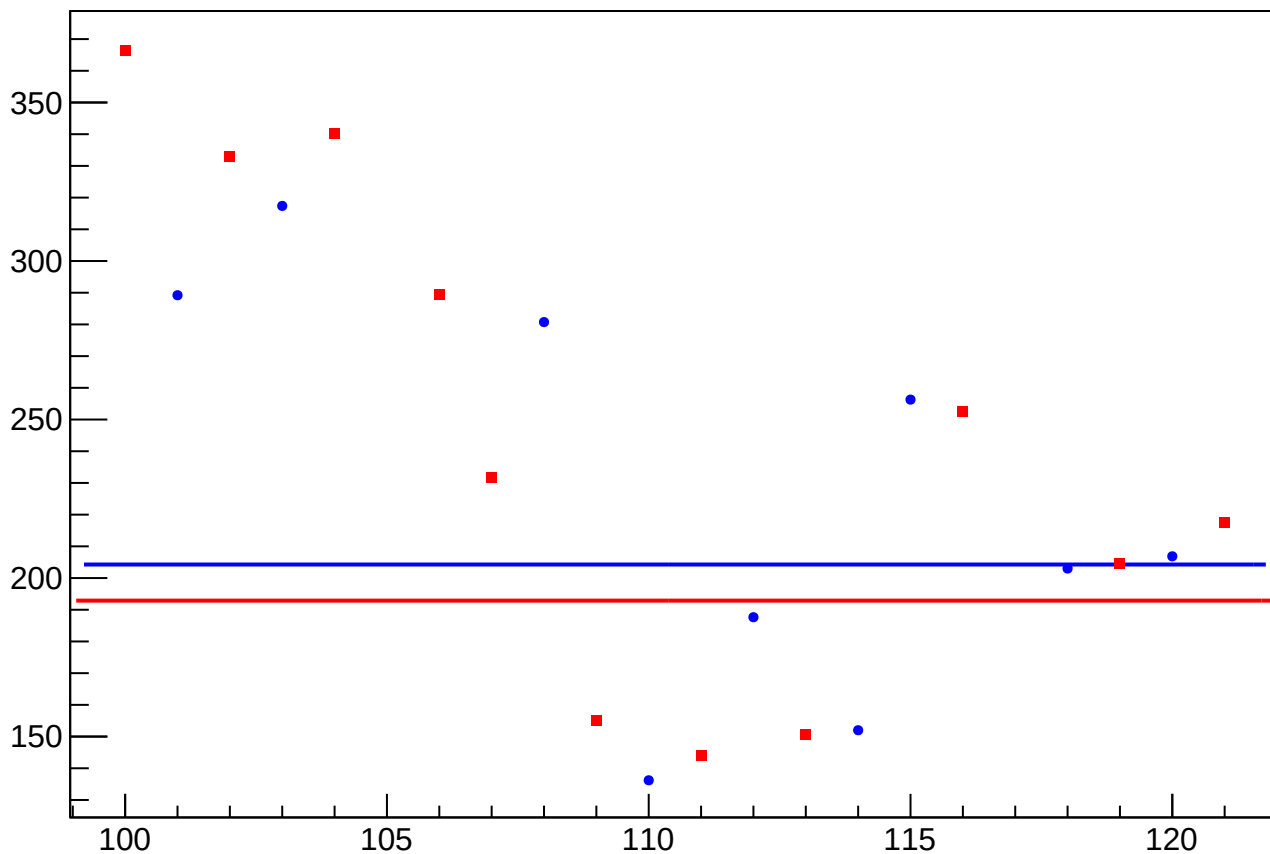
Right: -584.211+/-73.115 χ^2/NDF : 290.7/19

In: -62.036+/-112.189 χ^2/NDF :155.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -584.211+/-73.115 χ^2/NDF : 290.7/19

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 204.268+/-0.079 χ^2/NDF : 546814.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.881+/-0.068 χ^2/NDF : 796533.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

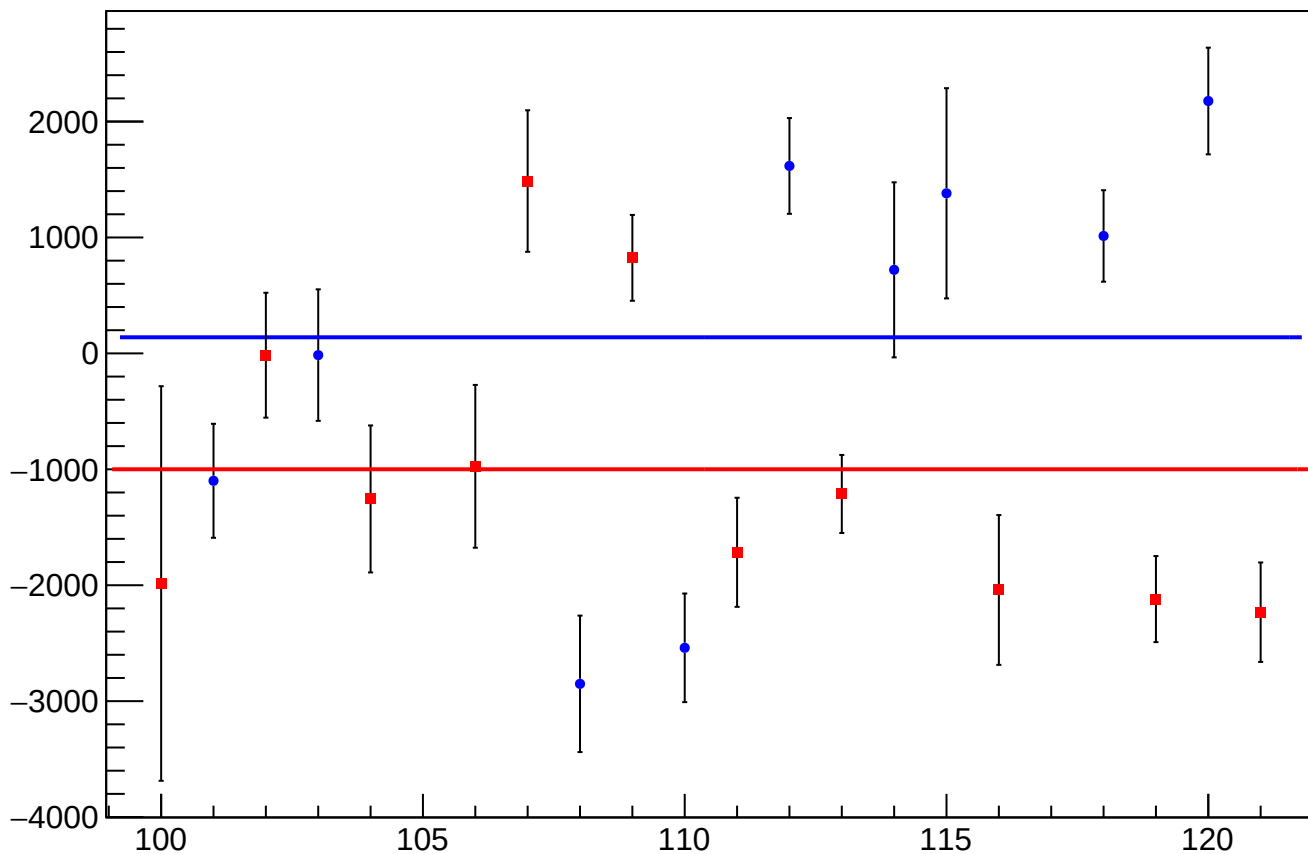
Right: 197.718+/-0.052 χ^2/NDF : 1355200.5/19

In: 204.268+/-0.079 χ^2/NDF : 546814.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.718+/-0.052 χ^2/NDF : 1355200.5/19

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 138.903+/-169.845 χ^2/NDF : 104.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -999.653+/-146.308 χ^2/NDF : 67.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

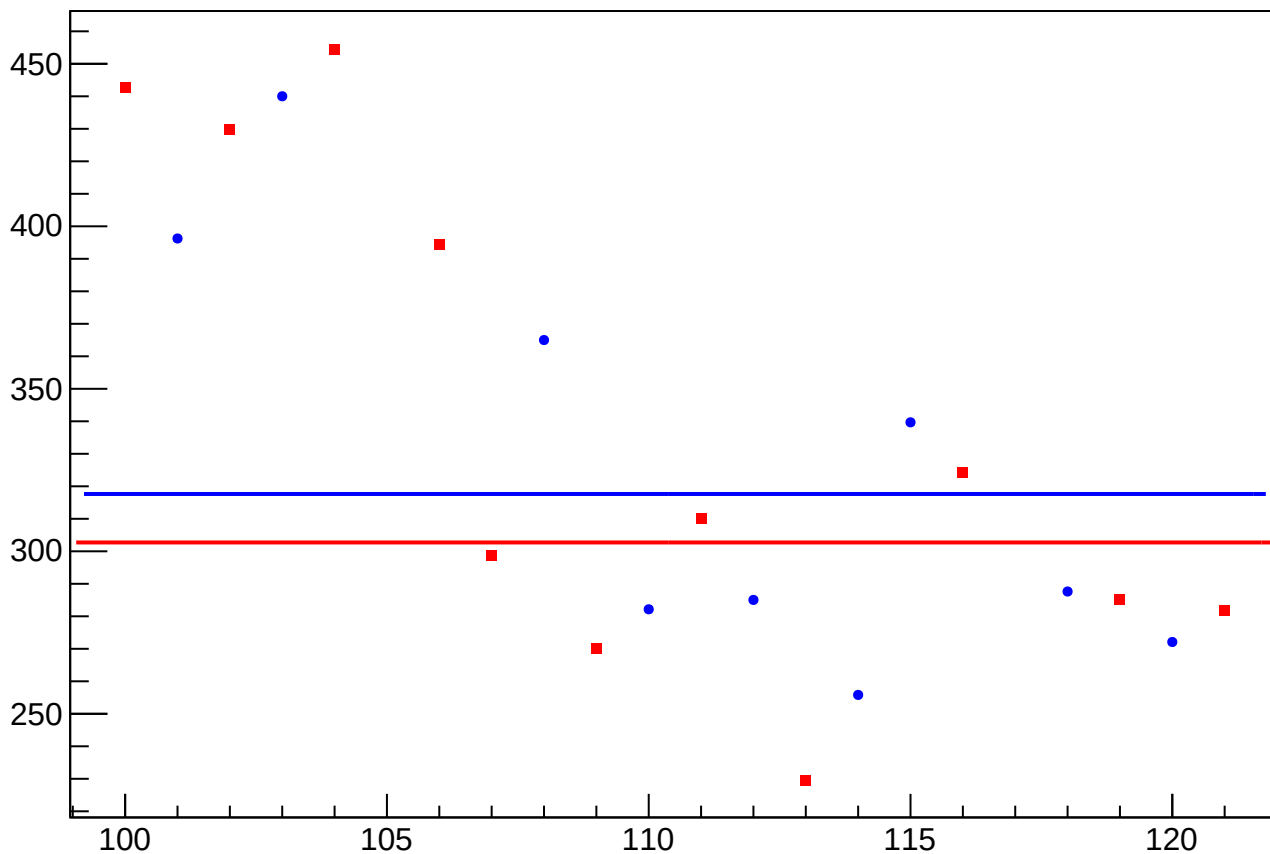
Right: -514.672+/-110.851 χ^2/NDF : 197.9/19

In: 138.903+/-169.845 χ^2/NDF :104.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -514.672+/-110.851 χ^2/NDF : 197.9/19

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 317.639+/-0.120 χ^2/NDF : 226839.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.720+/-0.103 χ^2/NDF : 395579.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

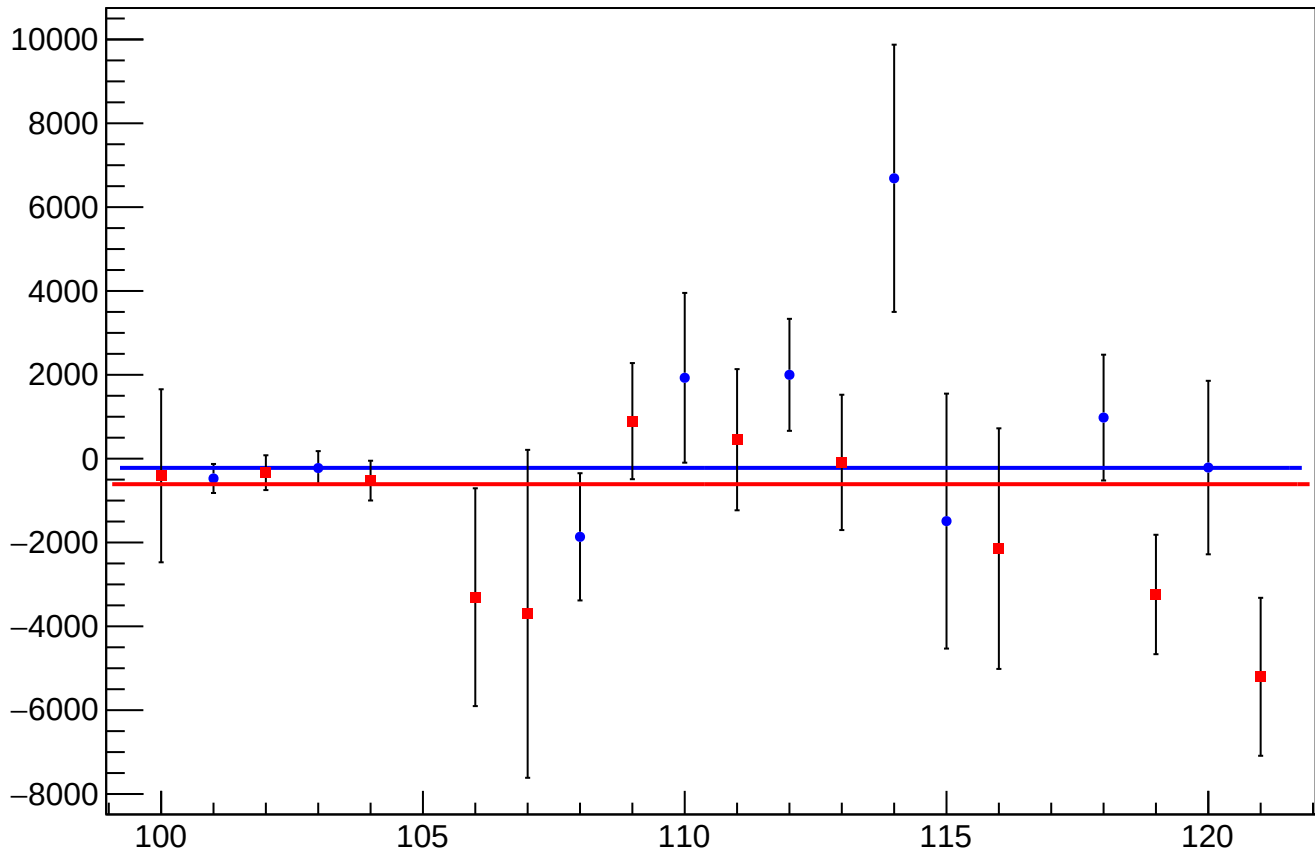
Right: 309.075+/-0.078 χ^2/NDF : 631277.2/19

In: 317.639+/-0.120 χ^2/NDF : 226839.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.075+/-0.078 χ^2/NDF : 631277.2/19

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -220.133+/-245.415 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -609.224+/-278.937 χ^2/NDF : 13.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

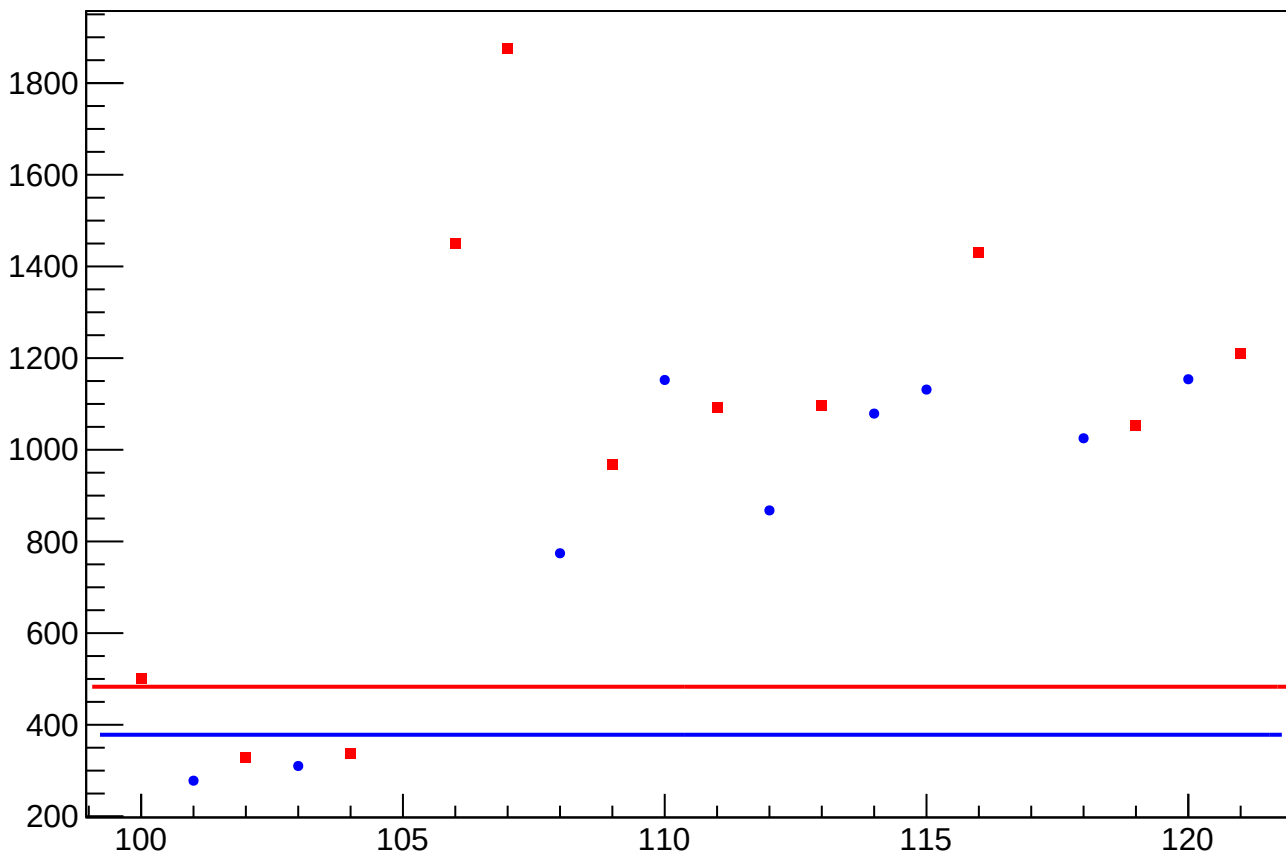
Right: -389.905+/-184.253 χ^2/NDF : 25.7/19

In: -220.133+/-245.415 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.905+/-184.253 χ^2/NDF : 25.7/19

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 378.260+/-0.174 χ^2/NDF : 1793454.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 483.025+/-0.197 χ^2/NDF : 2622545.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

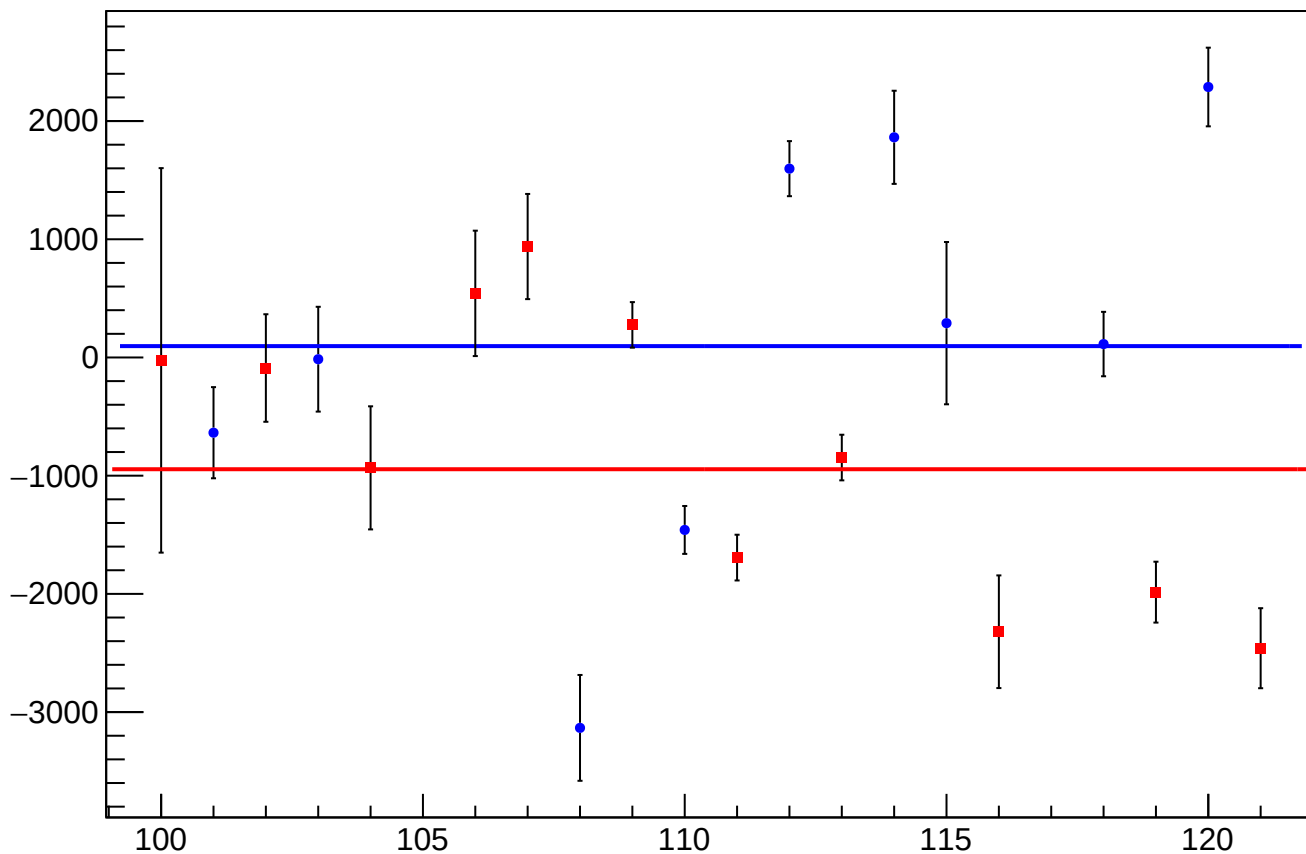
Right: 423.972+/-0.130 χ^2/NDF : 4575027.2/19

In: 378.260+/-0.174 χ^2/NDF : 1793454.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.972+/-0.130 χ^2/NDF : 4575027.2/19

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 96.066+/-105.026 χ^2/NDF : 219.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -945.433+/-89.000 χ^2/NDF : 129.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

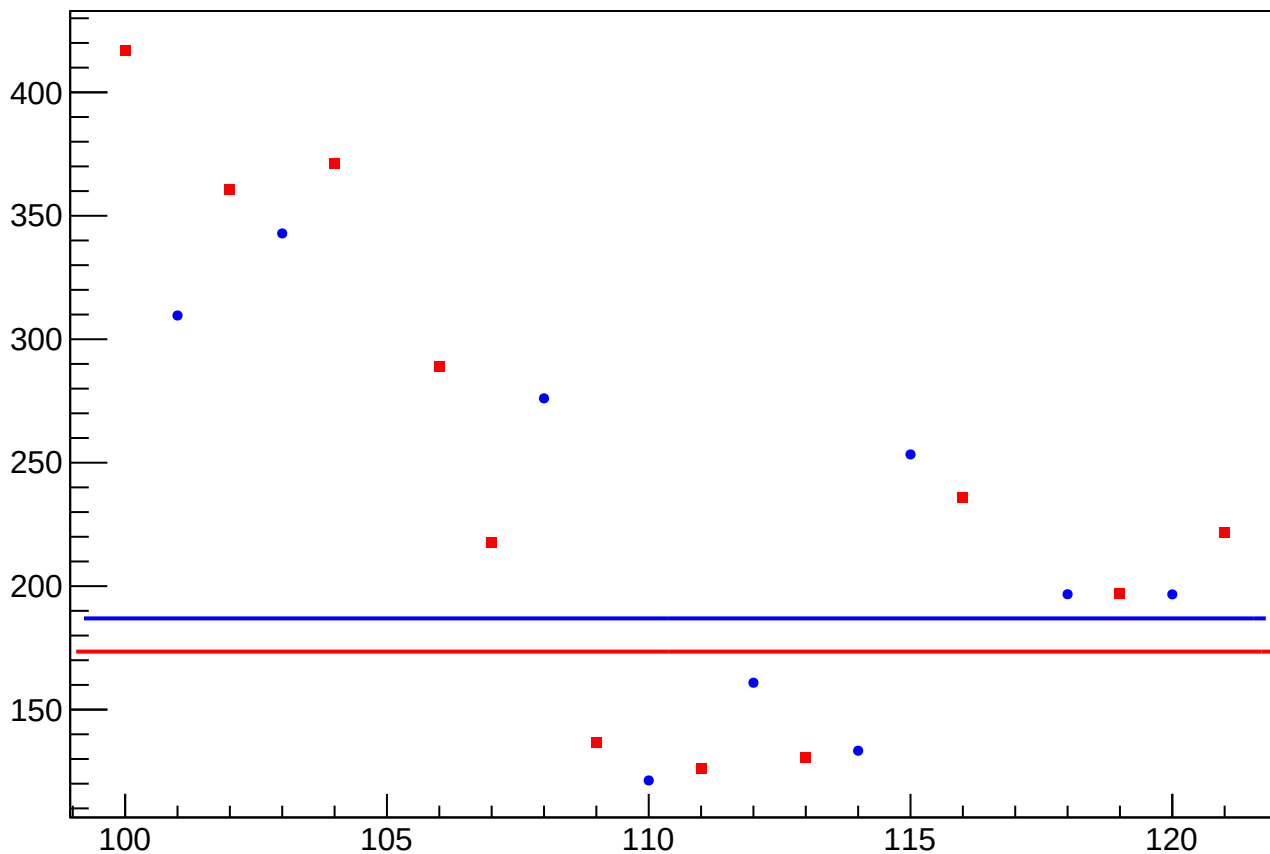
Right: -510.123+/-67.899 χ^2/NDF : 406.7/19

In: 96.066+/-105.026 χ^2/NDF : 219.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.123+/-67.899 χ^2/NDF : 406.7/19

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 186.936+/-0.074 χ^2/NDF : 823981.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.492+/-0.063 χ^2/NDF : 1170700.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

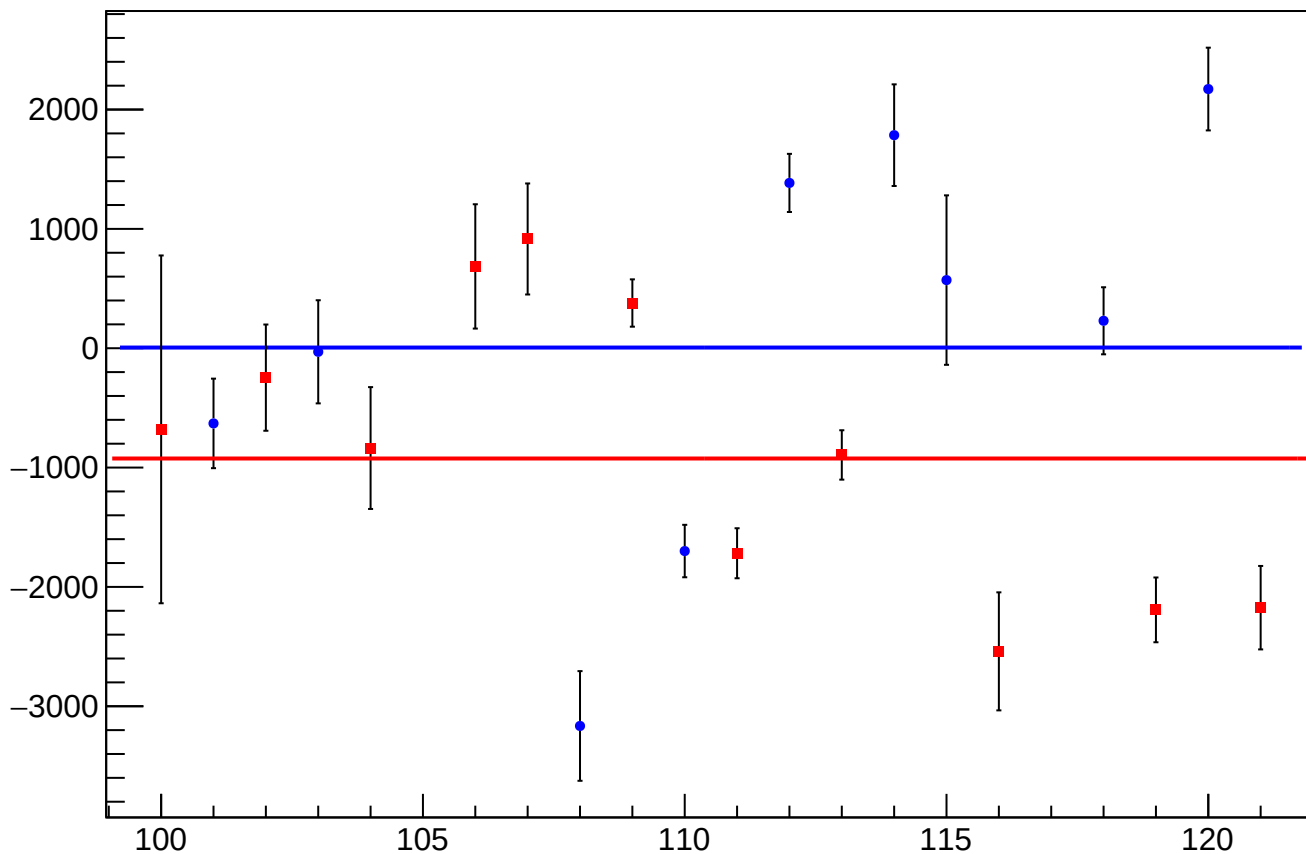
Right: 179.111+/-0.048 χ^2/NDF : 2013756.0/19

In: 186.936+/-0.074 χ^2/NDF : 823981.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.111+/-0.048 χ^2/NDF : 2013756.0/19

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 5.732+/-109.602 χ^2/NDF : 200.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -924.046+/-93.218 χ^2/NDF : 130.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

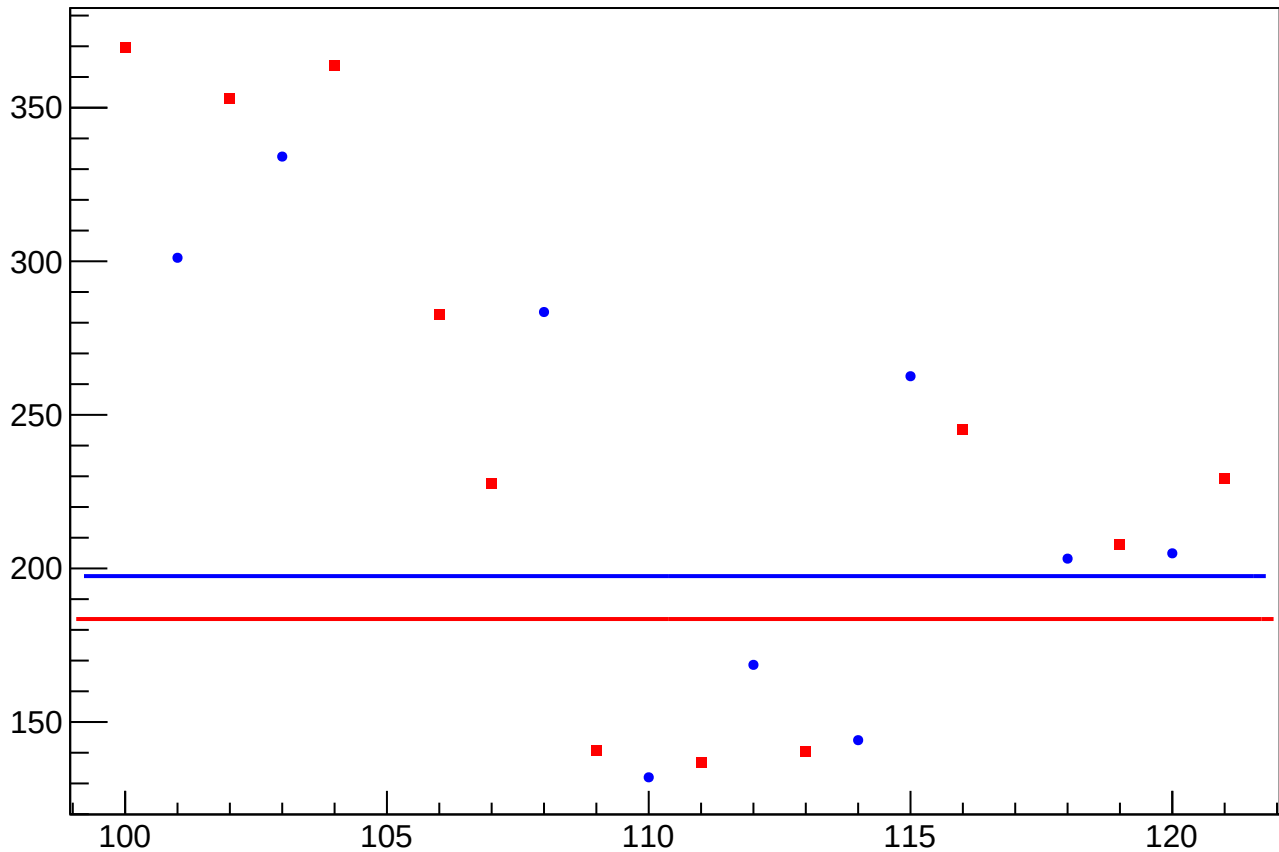
Right: -533.778+/-71.008 χ^2/NDF : 372.7/19

In: 5.732+/-109.602 χ^2/NDF : 200.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.778+/-71.008 χ^2/NDF : 372.7/19

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 197.504+/-0.078 χ^2/NDF : 678433.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.529+/-0.066 χ^2/NDF : 1022294.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

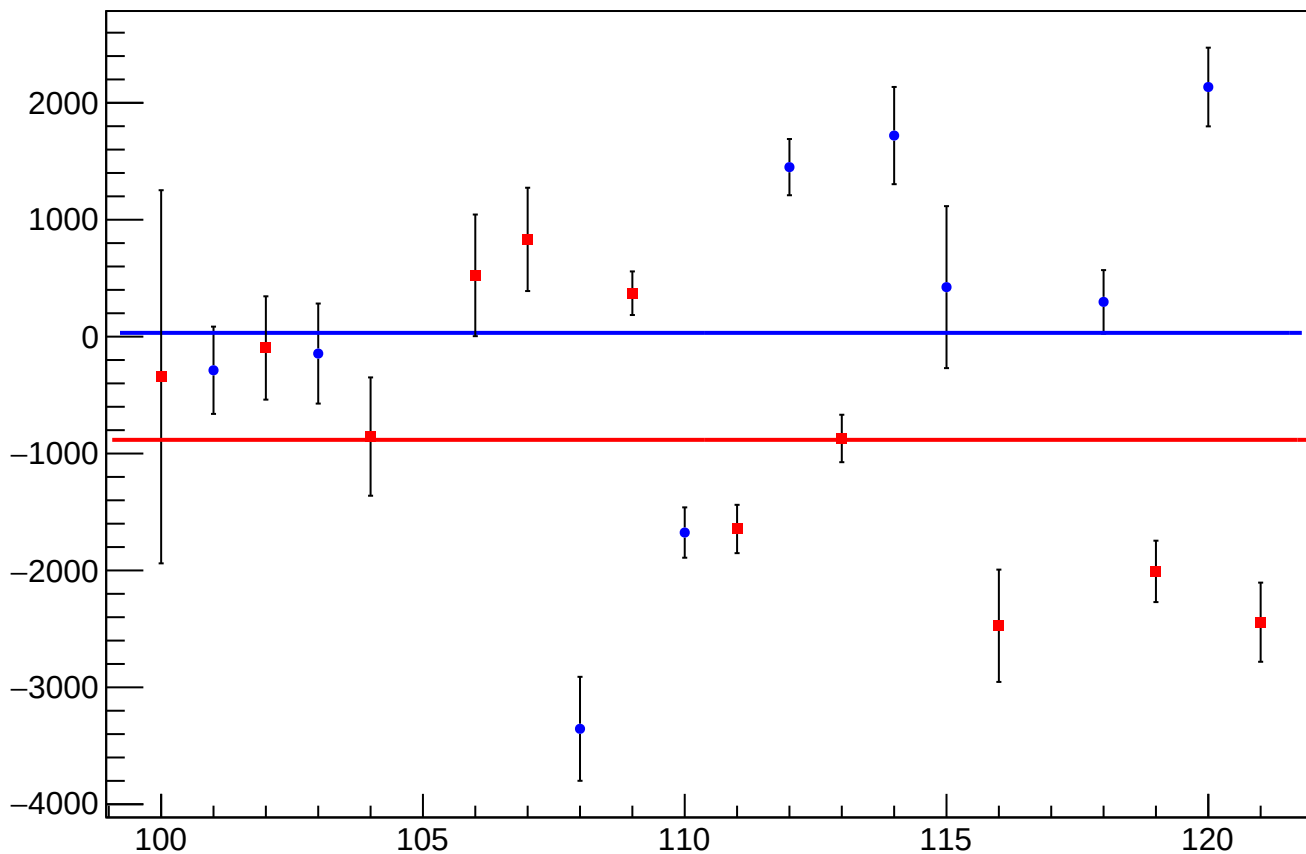
Right: 189.395+/-0.050 χ^2/NDF : 1719596.2/19

In: 197.504+/-0.078 χ^2/NDF : 678433.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.395+/-0.050 χ^2/NDF : 1719596.2/19

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 32.288+/-107.356 χ^2 /NDF: 213.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -882.865+/-90.443 χ^2 /NDF: 135.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

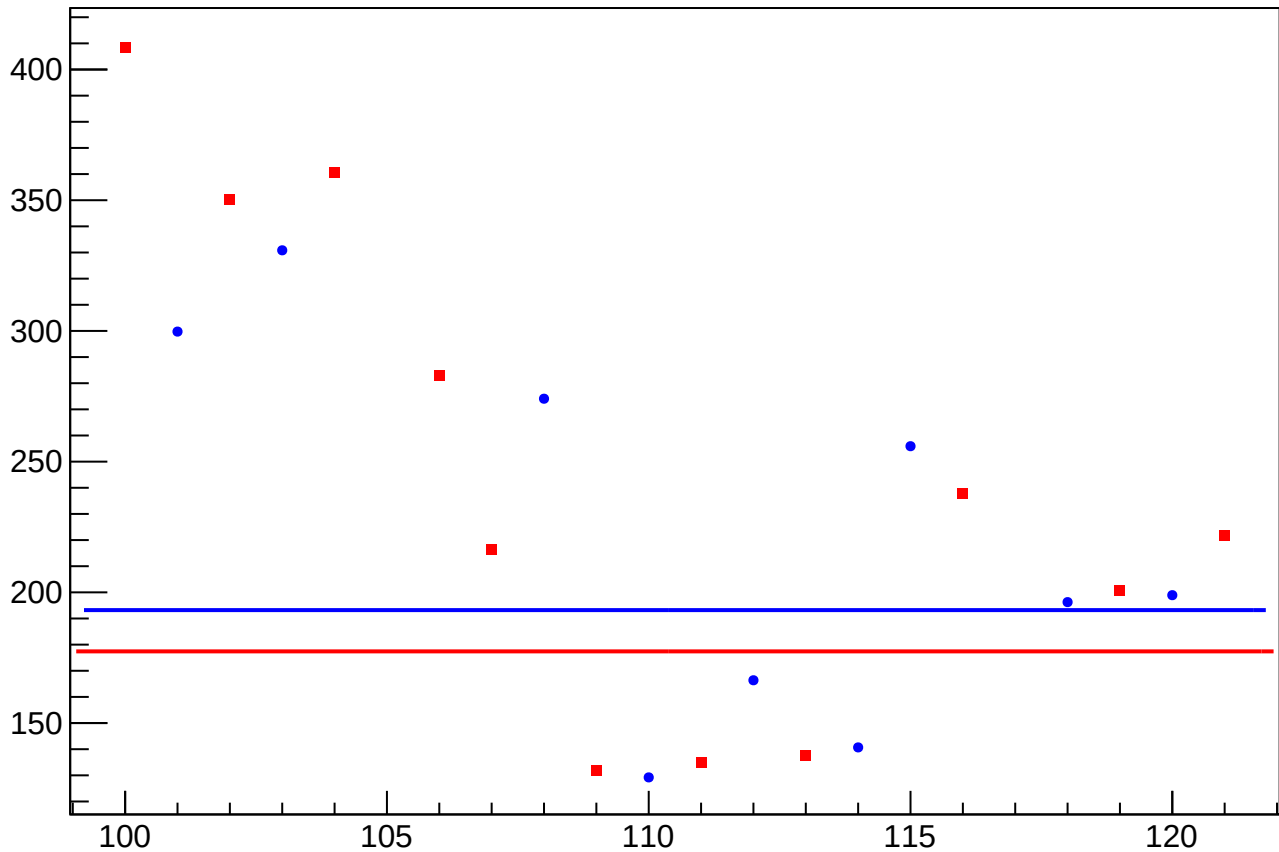
Right: -502.975+/-69.169 χ^2 /NDF: 390.9/19

In: 32.288+/-107.356 χ^2 /NDF:213.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -502.975+/-69.169 χ^2 /NDF: 390.9/19

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 193.207+/-0.076 χ^2/NDF : 686636.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.420+/-0.064 χ^2/NDF : 1070039.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

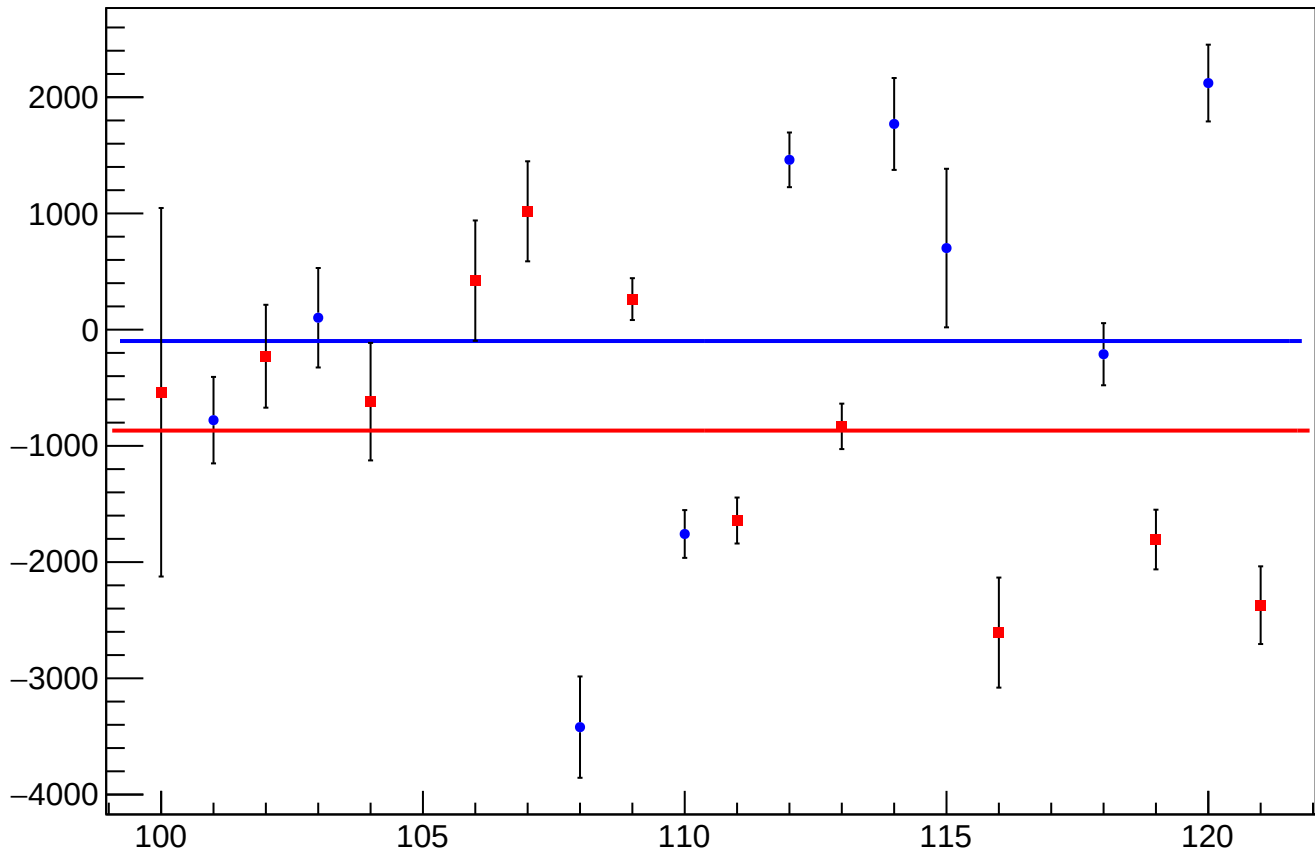
Right: 183.973+/-0.049 χ^2/NDF : 1781974.9/19

In: 193.207+/-0.076 χ^2/NDF : 686636.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.973+/-0.049 χ^2/NDF : 1781974.9/19

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -97.822 $\pm$ 104.600 χ^2 /NDF: 239.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -868.359 $\pm$ 87.803 χ^2 /NDF: 129.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

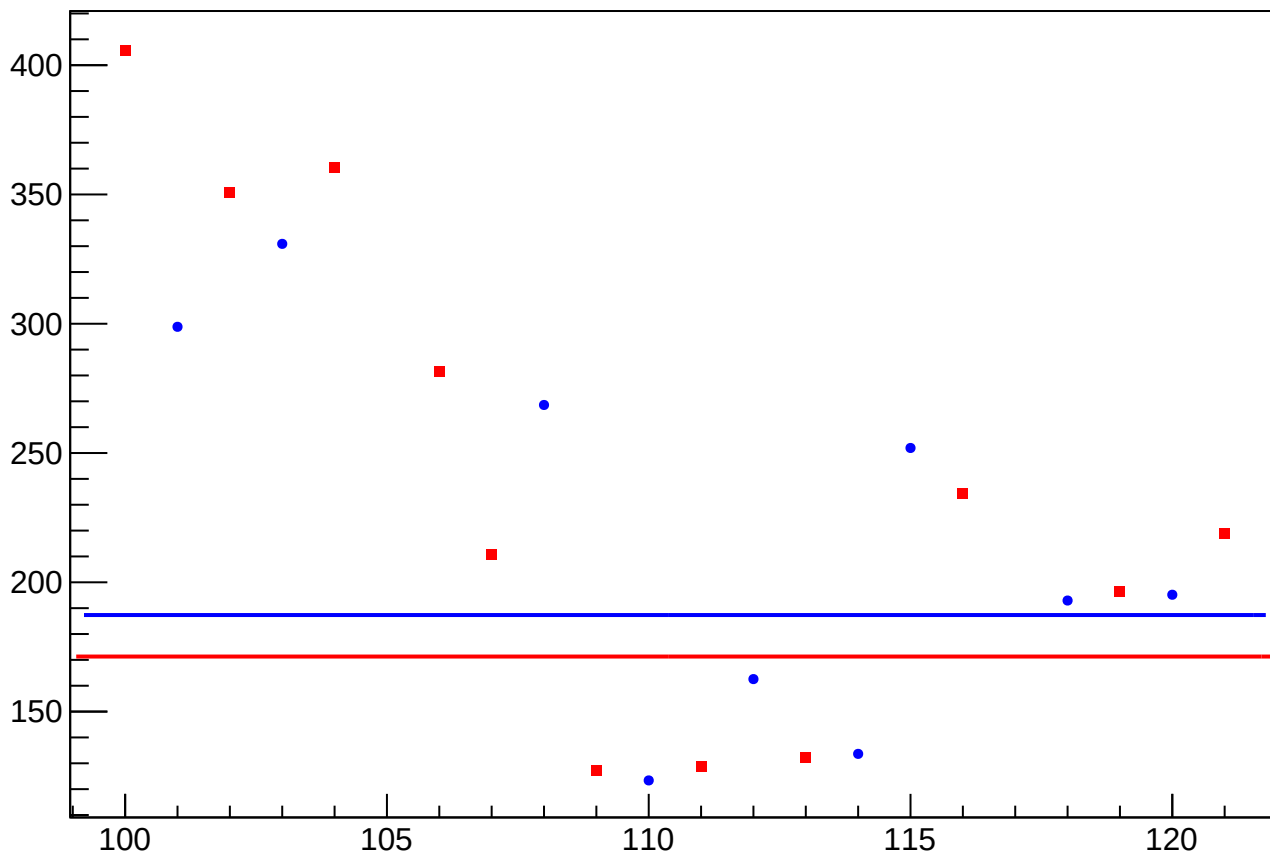
Right: -549.851 $\pm$ 67.251 χ^2 /NDF: 401.3/19

In: -97.822 $\pm$ 104.600 χ^2 /NDF:239.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -549.851 $\pm$ 67.251 χ^2 /NDF: 401.3/19

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 187.341+/-0.074 χ^2/NDF : 746695.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.289+/-0.062 χ^2/NDF : 1146869.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

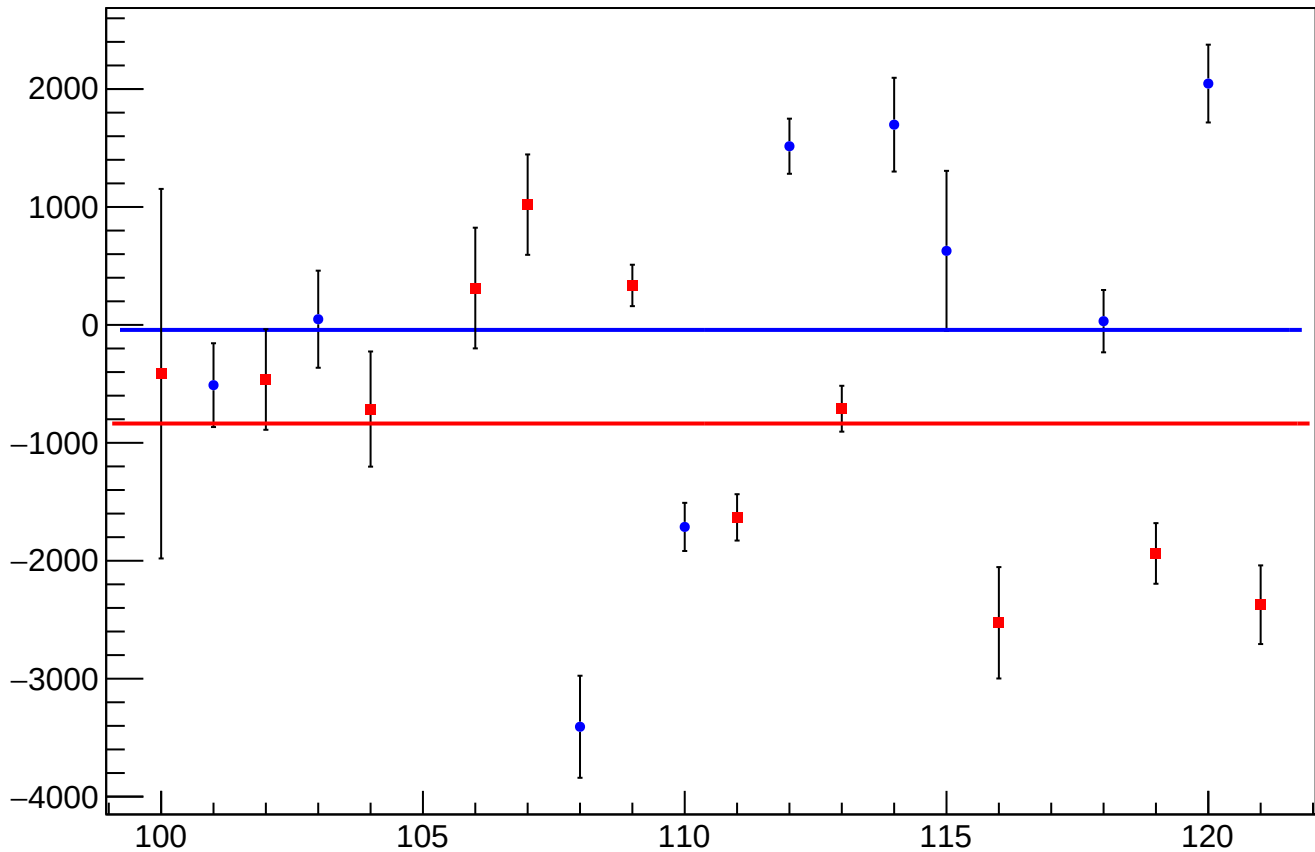
Right: 177.924+/-0.048 χ^2/NDF : 1921195.2/19

In: 187.341+/-0.074 χ^2/NDF : 746695.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.924+/-0.048 χ^2/NDF : 1921195.2/19

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -42.438+/-103.428 χ^2/NDF : 234.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -836.257+/-86.774 χ^2/NDF : 138.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

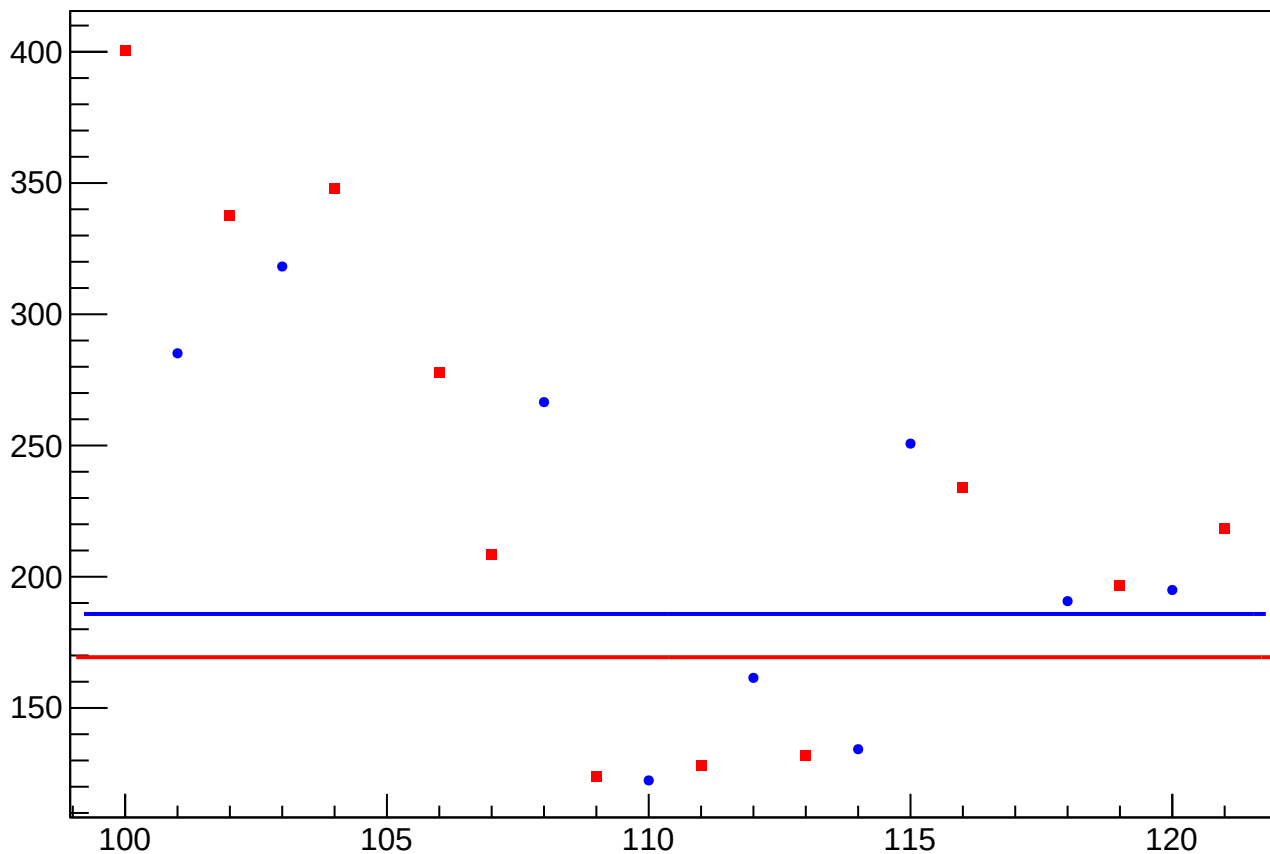
Right: -508.326+/-66.477 χ^2/NDF : 407.2/19

In: -42.438+/-103.428 χ^2/NDF :234.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -508.326+/-66.477 χ^2/NDF : 407.2/19

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 185.820+/-0.073 χ^2/NDF : 701564.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.343+/-0.061 χ^2/NDF : 1130193.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

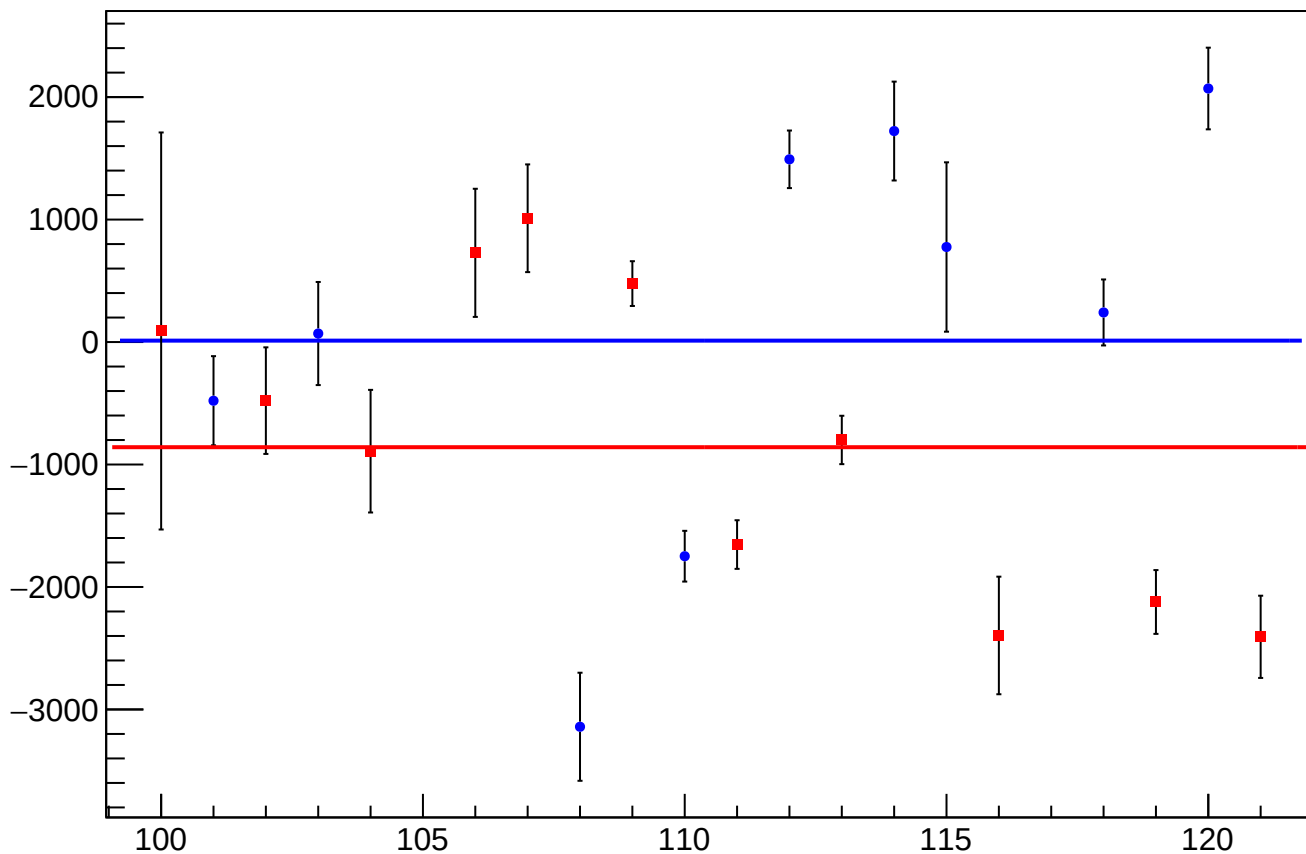
Right: 176.150+/-0.047 χ^2/NDF : 1861545.0/19

In: 185.820+/-0.073 χ^2/NDF : 701564.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.150+/-0.047 χ^2/NDF : 1861545.0/19

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 11.540+/-104.987 χ^2/NDF : 222.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -858.614+/-88.609 χ^2/NDF : 153.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

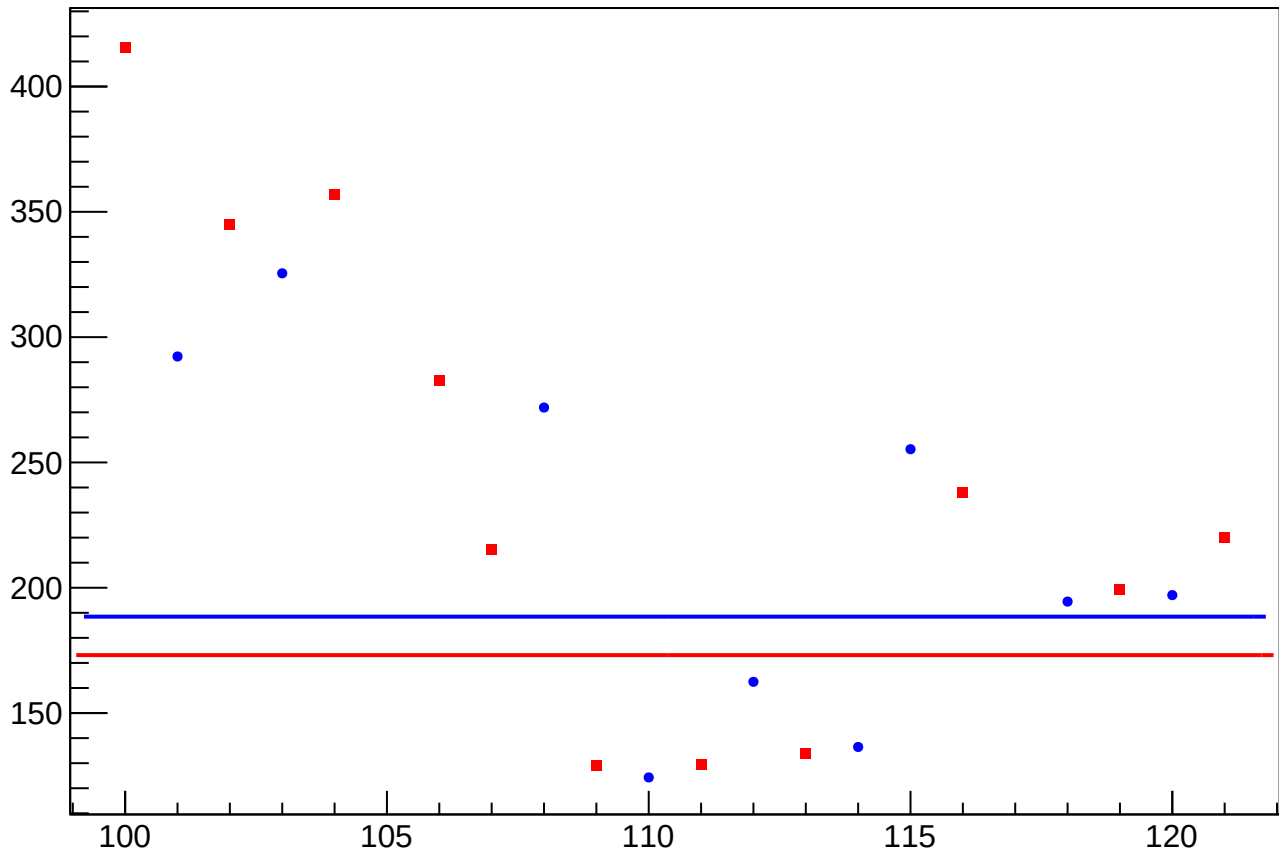
Right: -496.628+/-67.715 χ^2/NDF : 415.9/19

In: 11.540+/-104.987 χ^2/NDF : 222.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.628+/-67.715 χ^2/NDF : 415.9/19

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 188.469+/-0.074 χ^2/NDF : 716462.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.119+/-0.063 χ^2/NDF : 1118036.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

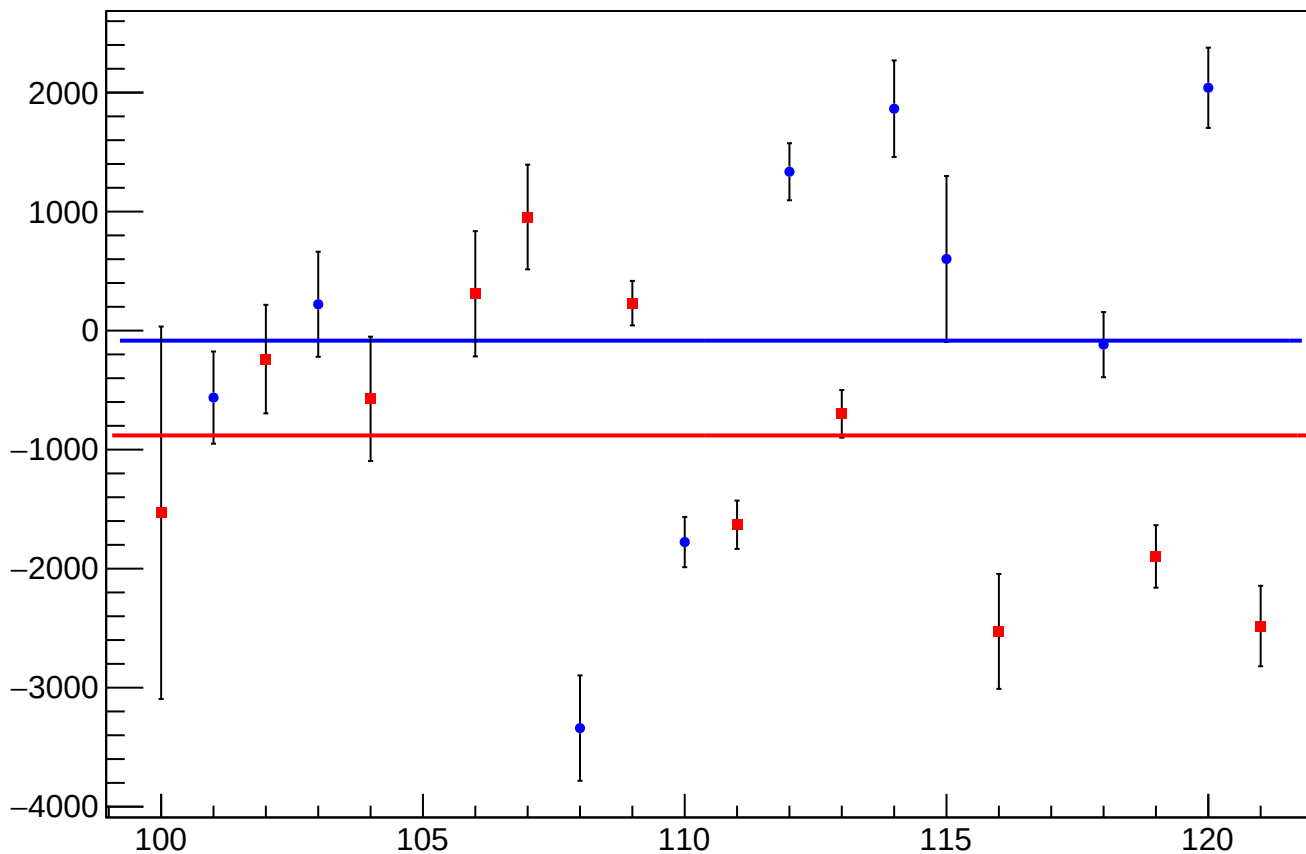
Right: 179.505+/-0.048 χ^2/NDF : 1859468.9/19

In: 188.469+/-0.074 χ^2/NDF : 716462.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.505+/-0.048 χ^2/NDF : 1859468.9/19

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -84.293+/-107.212 χ^2/NDF : 219.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -880.652+/-90.108 χ^2/NDF : 123.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

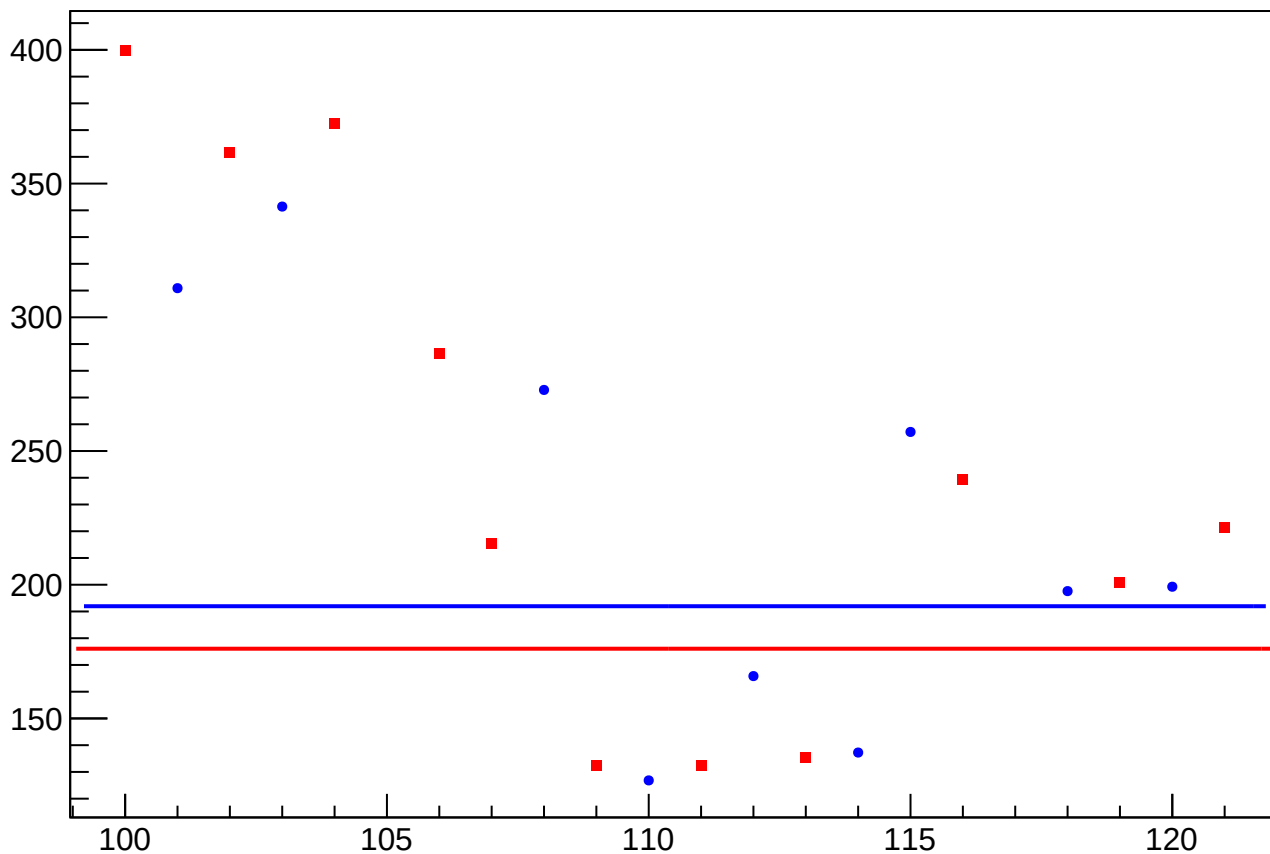
Right: -550.987+/-68.980 χ^2/NDF : 375.3/19

In: -84.293+/-107.212 χ^2/NDF :219.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -550.987+/-68.980 χ^2/NDF : 375.3/19

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 191.962+/-0.076 χ^2/NDF : 754223.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.072+/-0.064 χ^2/NDF : 1131807.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

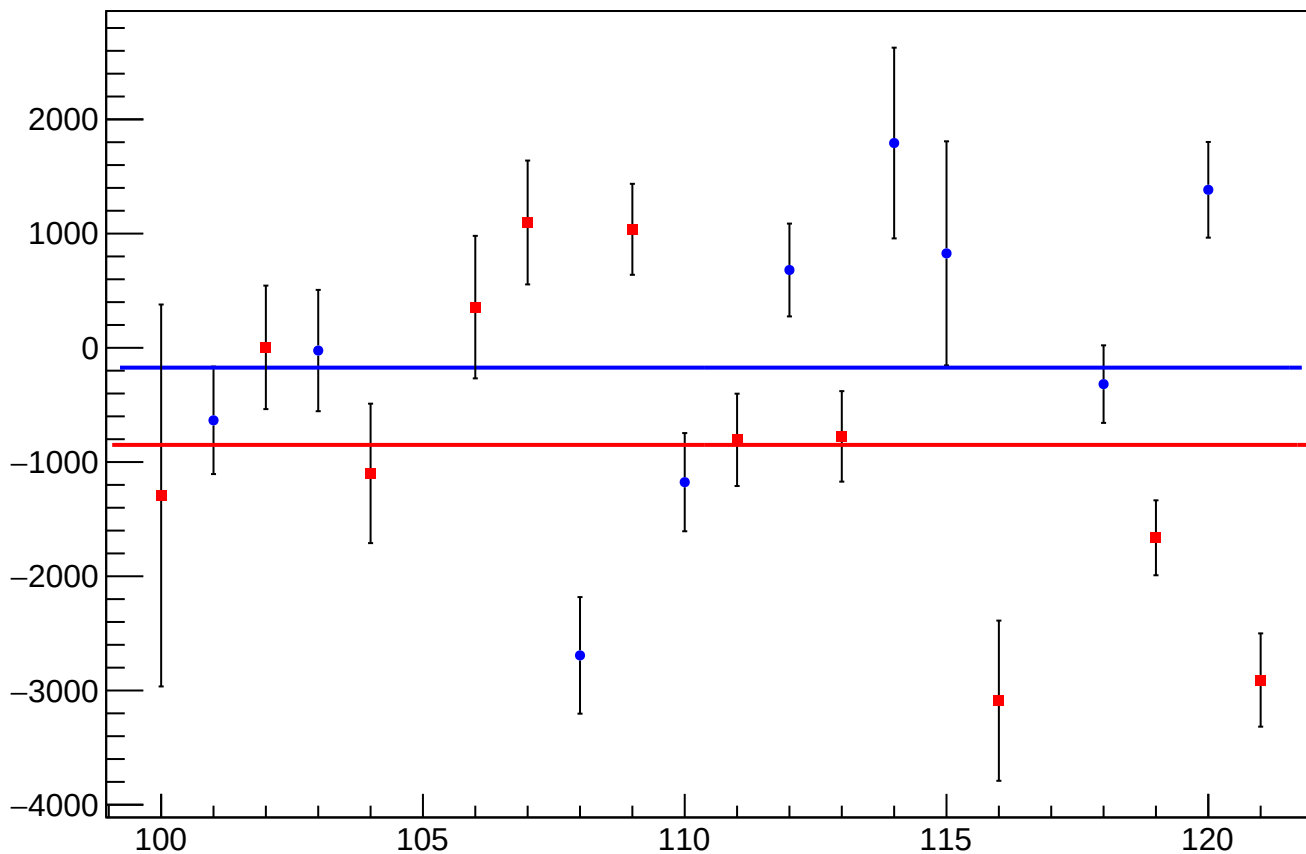
Right: 182.650+/-0.049 χ^2/NDF : 1911777.4/19

In: 191.962+/-0.076 χ^2/NDF : 754223.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.650+/-0.049 χ^2/NDF : 1911777.4/19

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -173.372+/-157.674 χ^2/NDF : 55.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -849.836+/-143.503 χ^2/NDF : 83.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

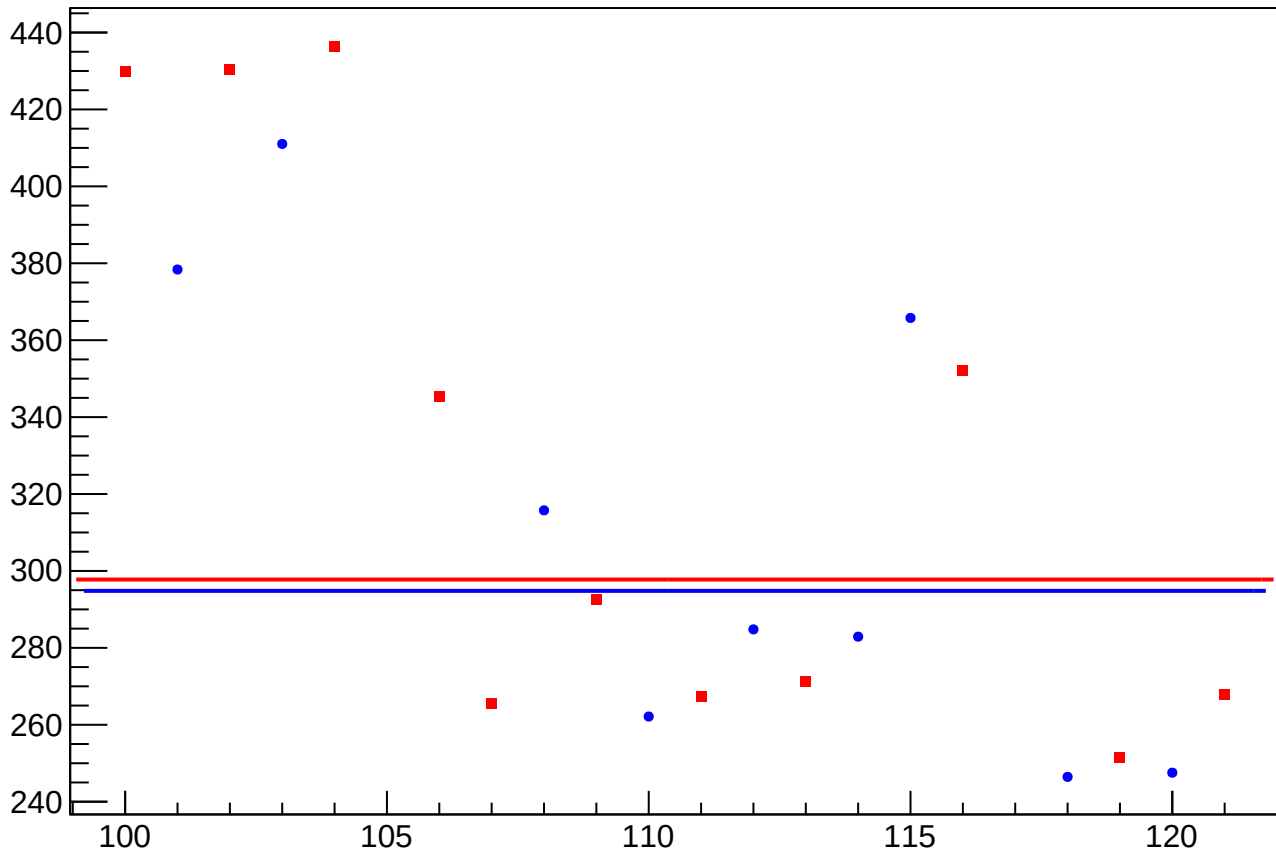
Right: -543.362+/-106.129 χ^2/NDF : 149.6/19

In: -173.372+/-157.674 χ^2/NDF :55.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -543.362+/-106.129 χ^2/NDF : 149.6/19

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 294.820+/-0.111 χ^2/NDF : 251961.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.771+/-0.101 χ^2/NDF : 337969.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

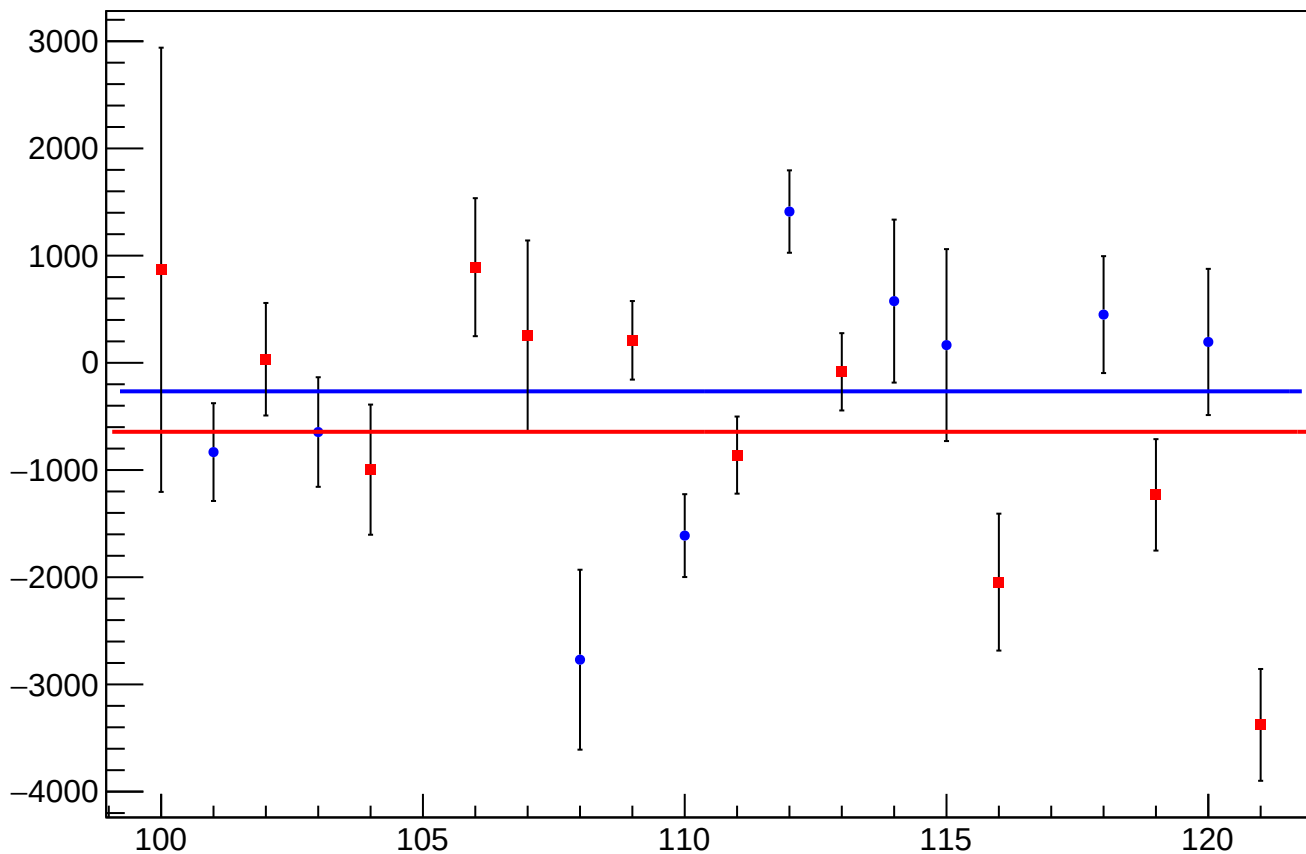
Right: 296.434+/-0.075 χ^2/NDF : 590313.4/19

In: 294.820+/-0.111 χ^2/NDF : 251961.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.434+/-0.075 χ^2/NDF : 590313.4/19

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -265.928+/-176.753 χ^2/NDF : 45.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -643.423+/-152.596 χ^2/NDF : 51.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

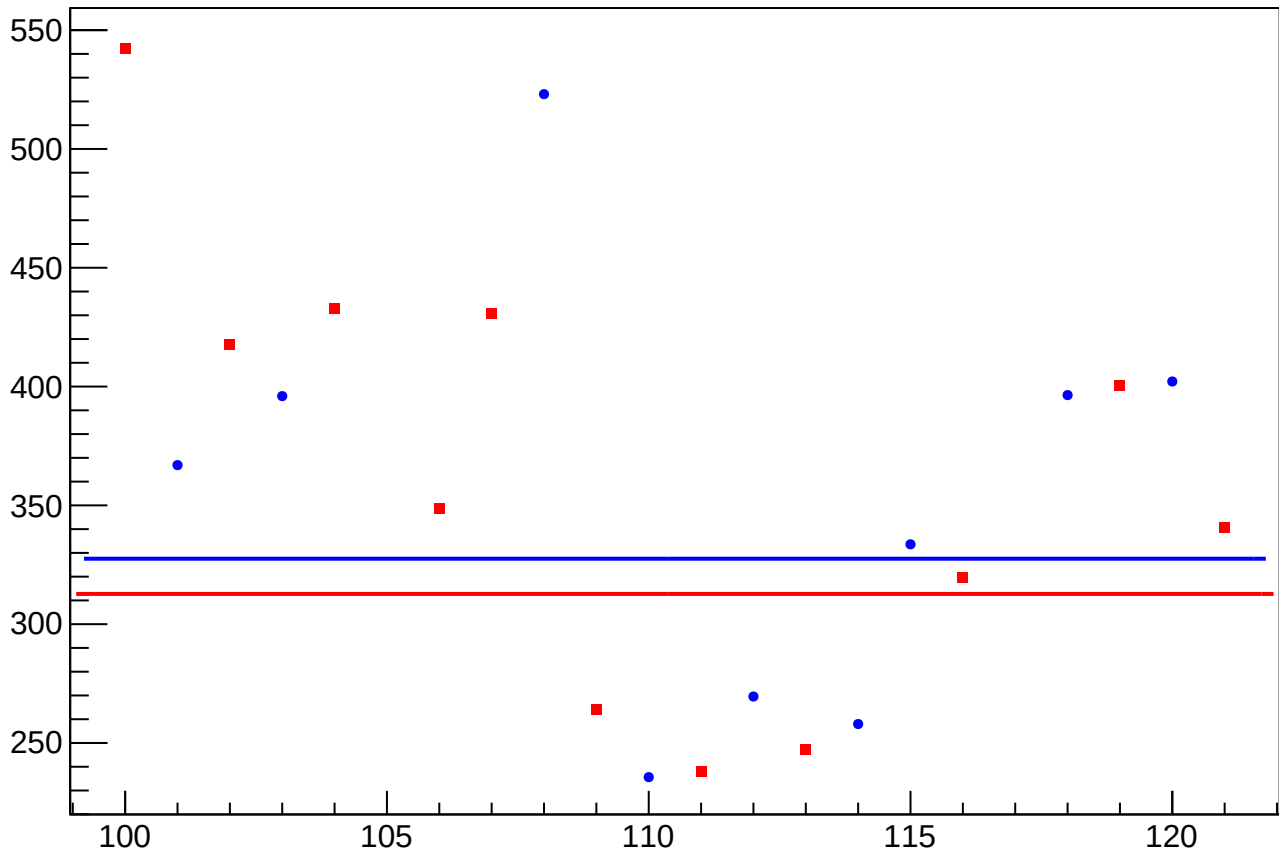
Right: -482.215+/-115.506 χ^2/NDF : 99.4/19

In: -265.928+/-176.753 χ^2/NDF : 45.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.215+/-115.506 χ^2/NDF : 99.4/19

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 327.551+/-0.125 χ^2/NDF : 390654.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.724+/-0.108 χ^2/NDF : 474776.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

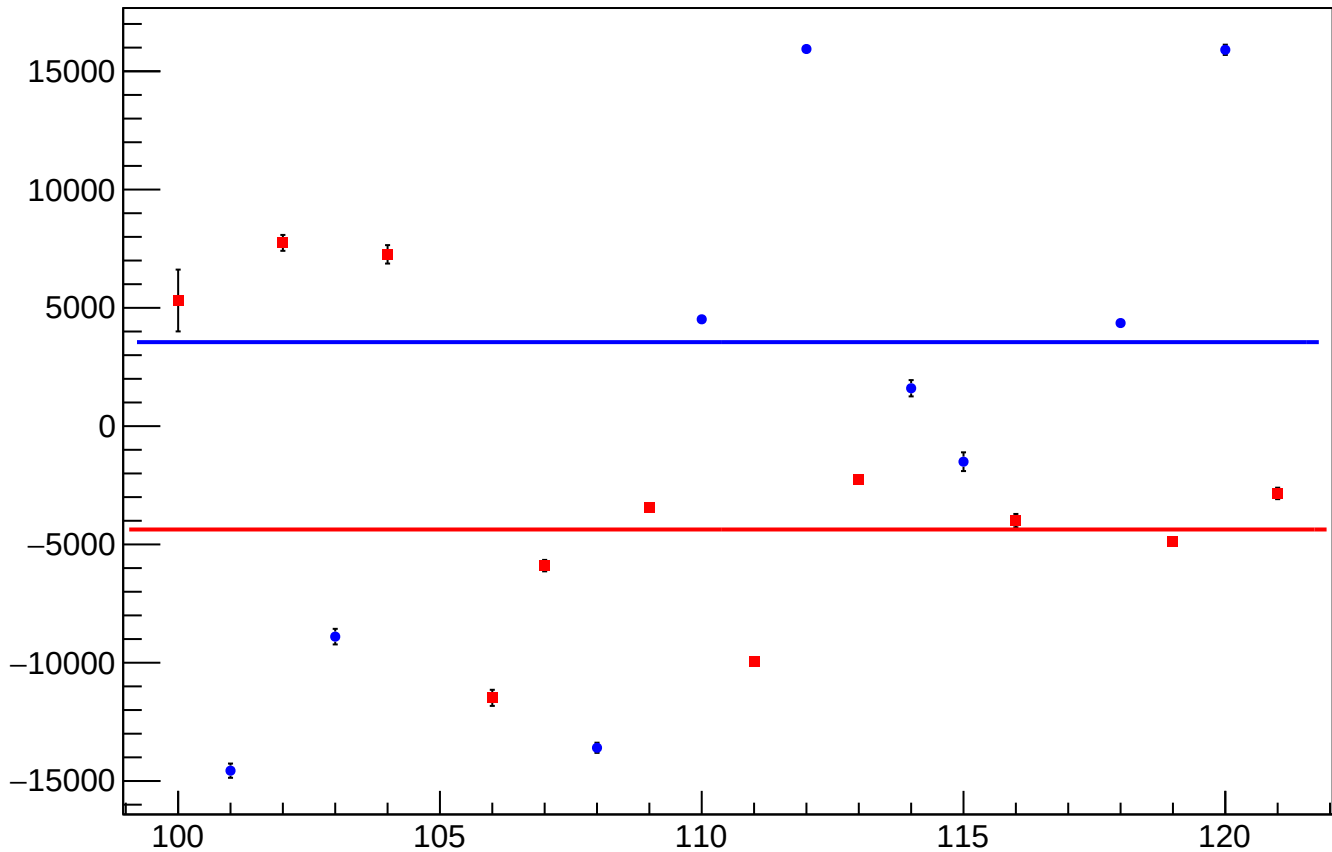
Right: 319.056+/-0.082 χ^2/NDF : 873494.6/19

In: 327.551+/-0.125 χ^2/NDF : 390654.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.056+/-0.082 χ^2/NDF : 873494.6/19

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4368.612+/-67.115 χ^2/NDF : 4263.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

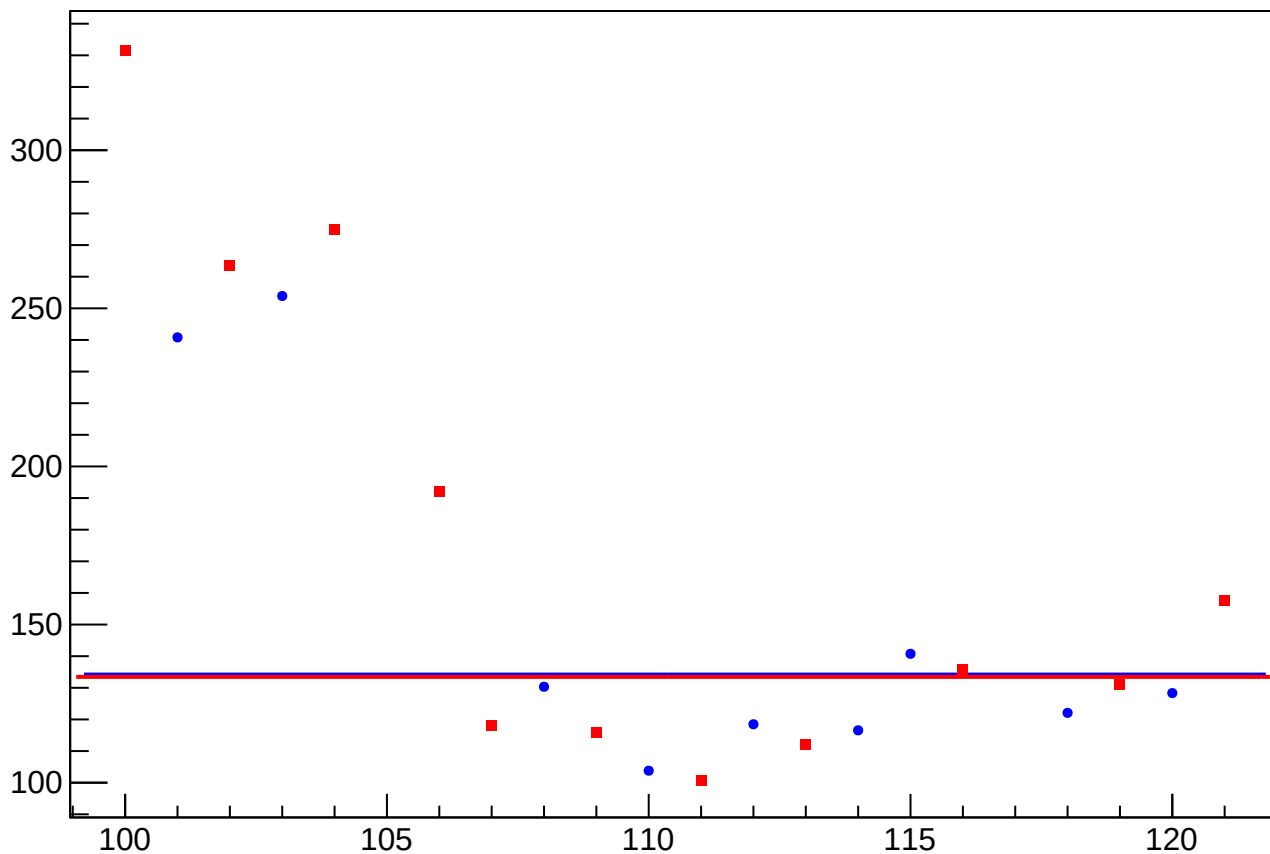
Right: -822.775+/-49.876 χ^2/NDF : 30488.8/19

In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.775+/-49.876 χ^2/NDF : 30488.8/19

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.447+/-0.047 χ^2/NDF : 842664.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

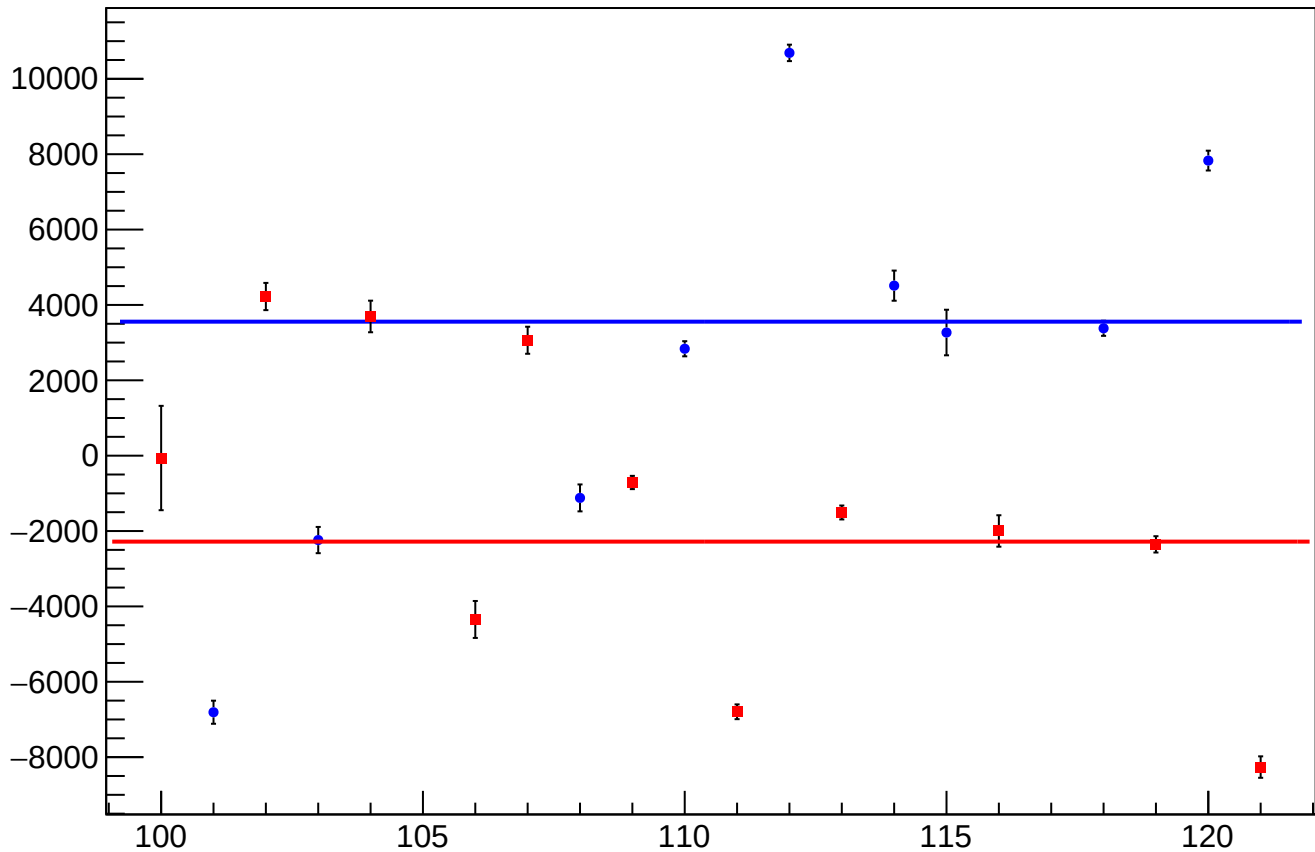
Right: 133.779+/-0.035 χ^2/NDF : 1453827.2/19

In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.779+/-0.035 χ^2/NDF : 1453827.2/19

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3556.137+/-90.967 χ^2/NDF : 2944.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2280.732+/-80.882 χ^2/NDF : 1839.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

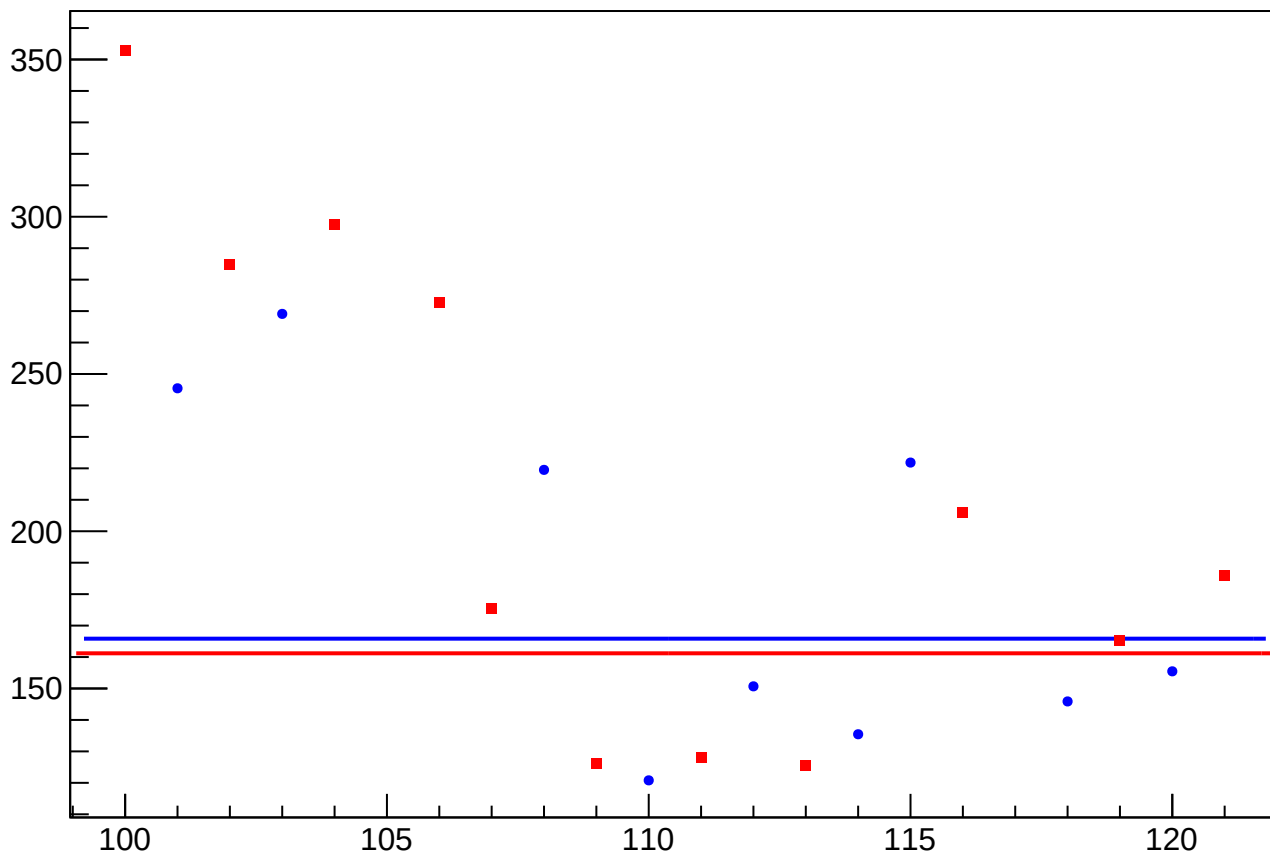
Right: 296.350+/-60.445 χ^2/NDF : 7083.2/19

In: 3556.137+/-90.967 χ^2/NDF : 2944.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.350+/-60.445 χ^2/NDF : 7083.2/19

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.187+/-0.057 χ^2/NDF : 842351.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

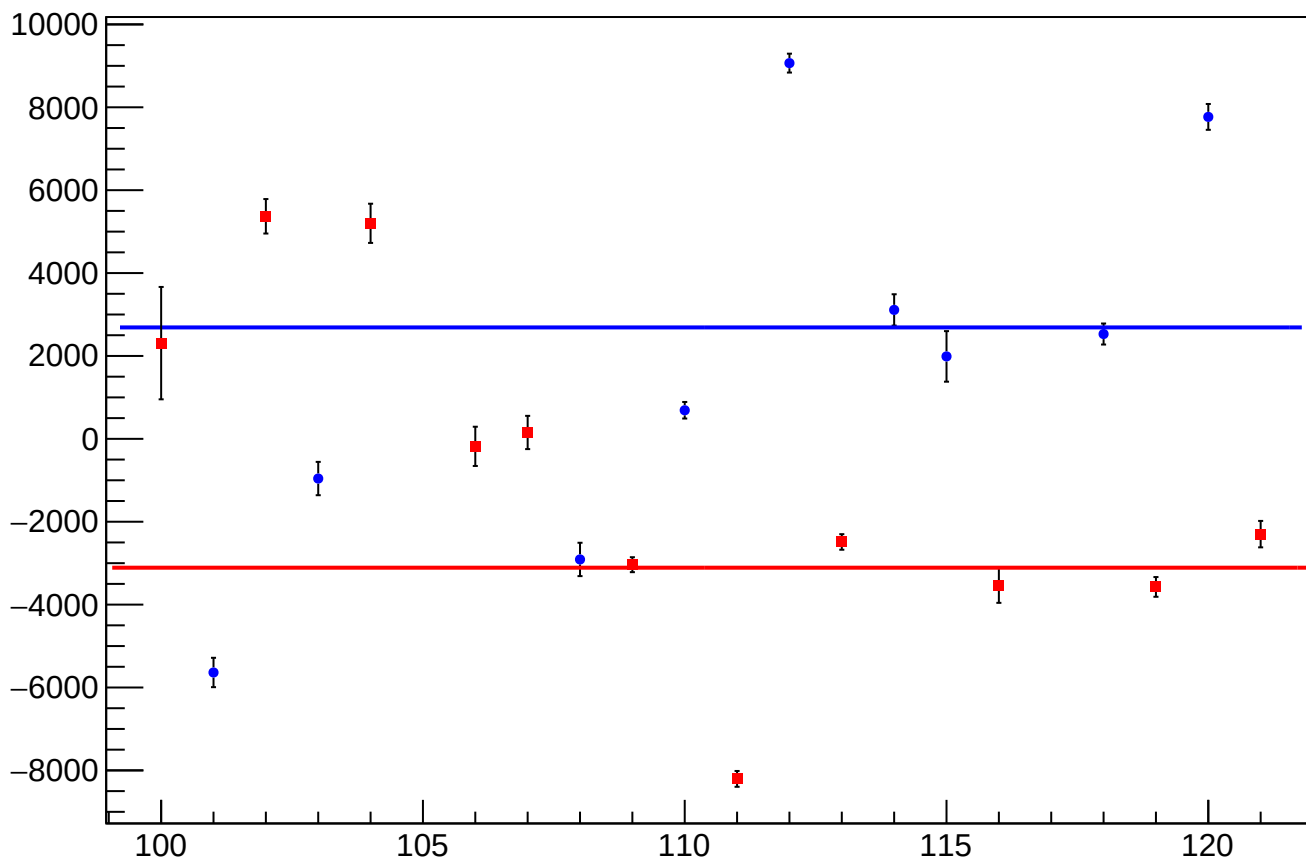
Right: 163.242+/-0.043 χ^2/NDF : 1363153.5/19

In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.242+/-0.043 χ^2/NDF : 1363153.5/19

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2688.619+/-99.918 χ^2/NDF : 1979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3109.111+/-84.216 χ^2/NDF : 1579.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

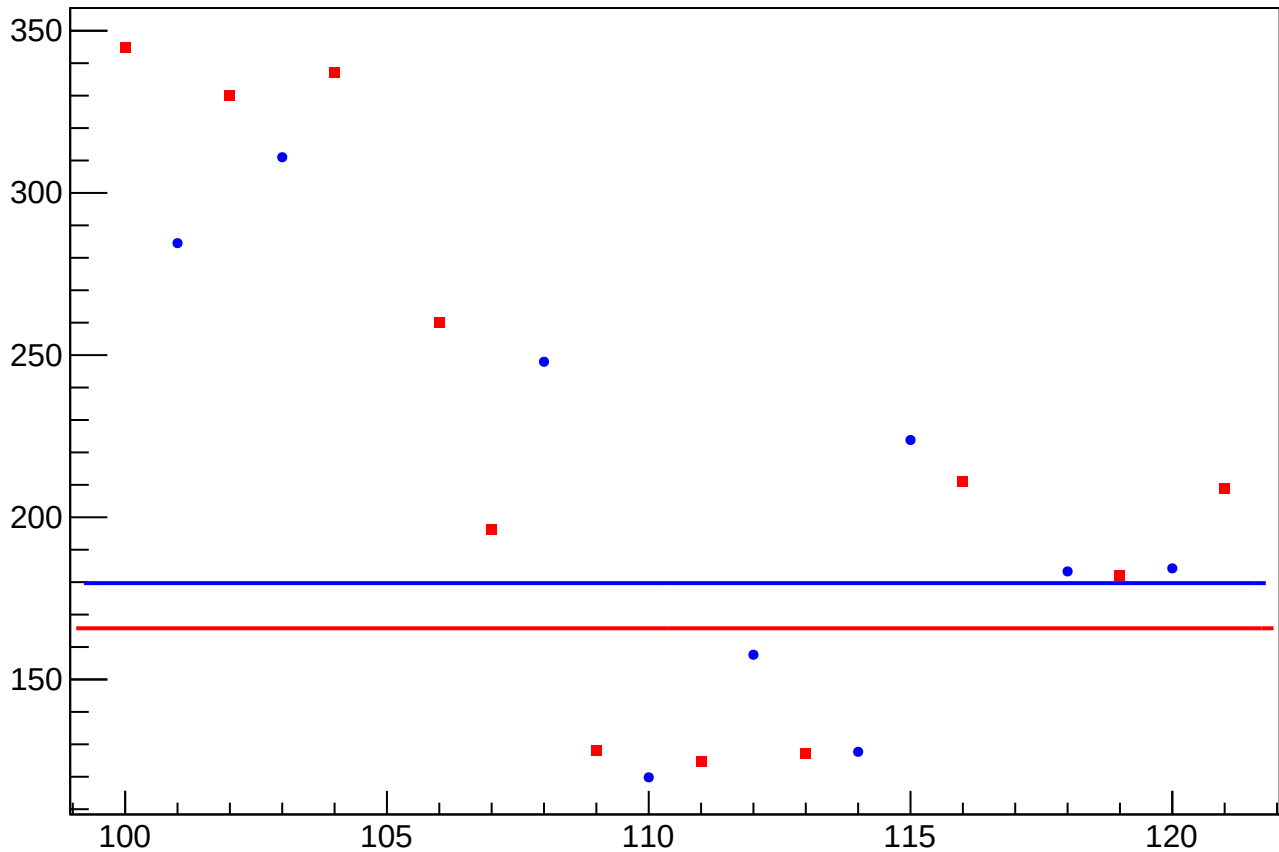
Right: -701.078+/-64.394 χ^2/NDF : 5526.9/19

In: 2688.619+/-99.918 χ^2/NDF : 1979.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -701.078+/-64.394 χ^2/NDF : 5526.9/19

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.777+/-0.060 χ^2/NDF : 1033231.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

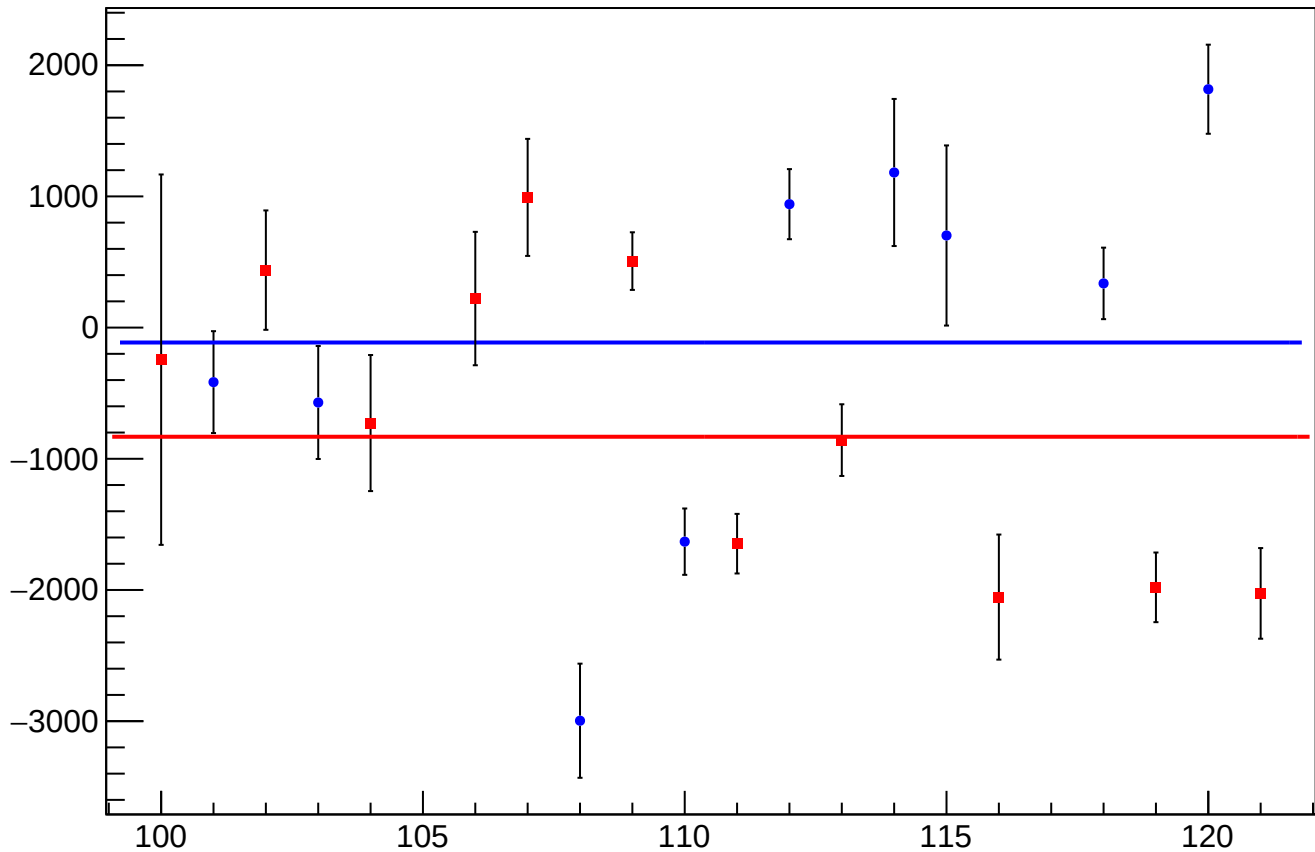
Right: 171.560+/-0.046 χ^2/NDF : 1749431.4/19

In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.560+/-0.046 χ^2/NDF : 1749431.4/19

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -113.725 ± 115.938 $\chi^2/\text{NDF}: 139.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -832.051 ± 100.800 $\chi^2/\text{NDF}: 116.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

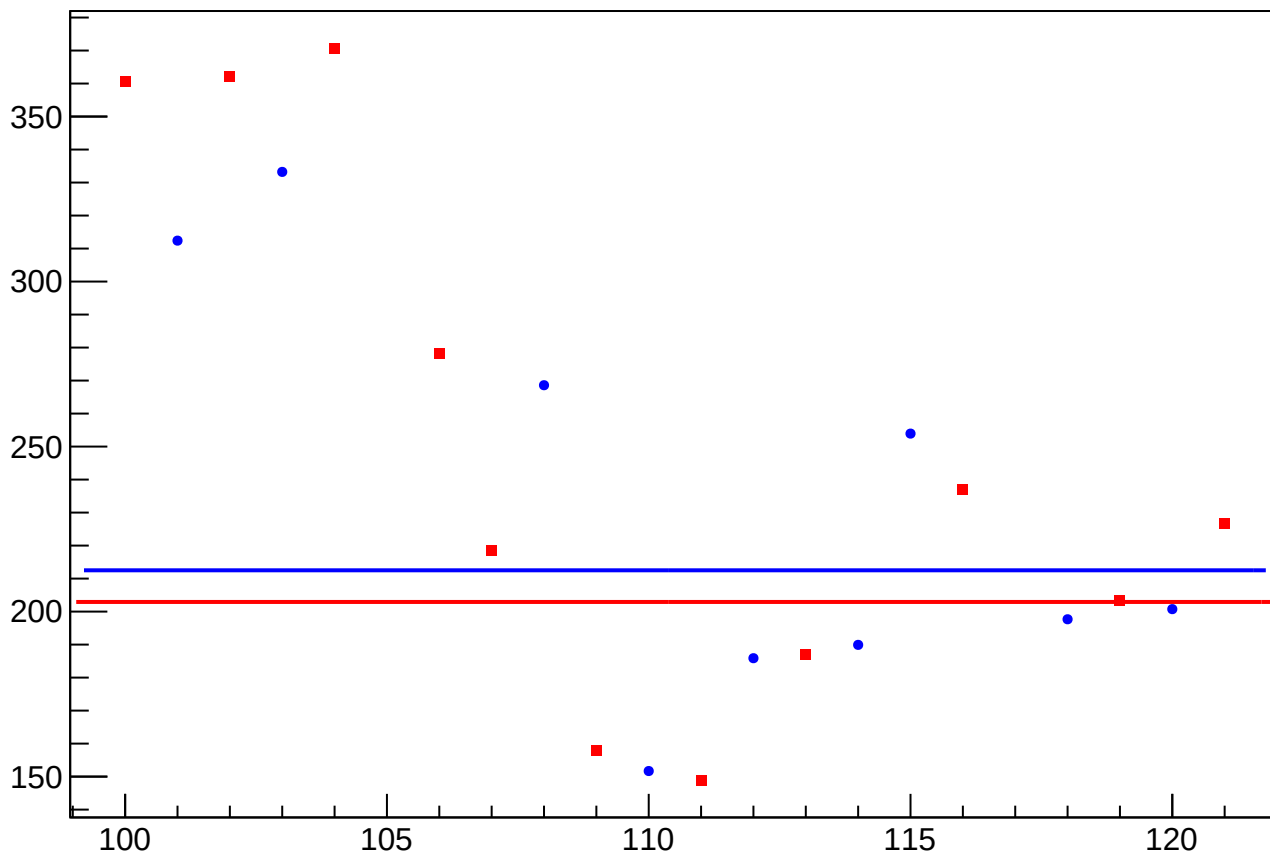
Right: -522.817 ± 76.070 $\chi^2/\text{NDF}: 277.2/19$

In: -113.725 ± 115.938 $\chi^2/\text{NDF}: 139.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -522.817 ± 76.070 $\chi^2/\text{NDF}: 277.2/19$

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.921+/-0.071 χ^2/NDF : 747745.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

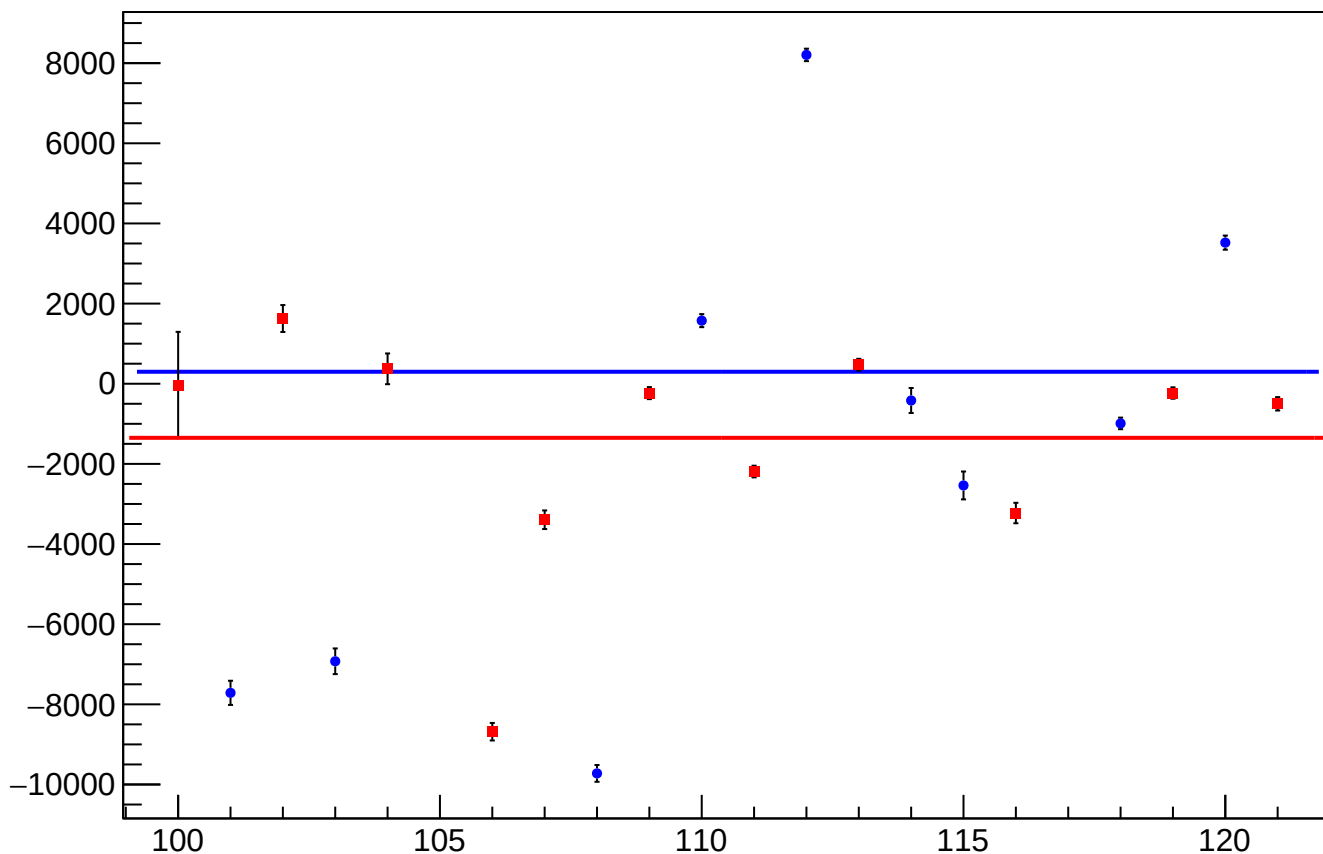
Right: 207.050+/-0.054 χ^2/NDF : 1232752.7/19

In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.050+/-0.054 χ^2/NDF : 1232752.7/19

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 299.062+/-67.178 χ^2/NDF : 6629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1349.655+/-58.286 χ^2/NDF : 1685.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

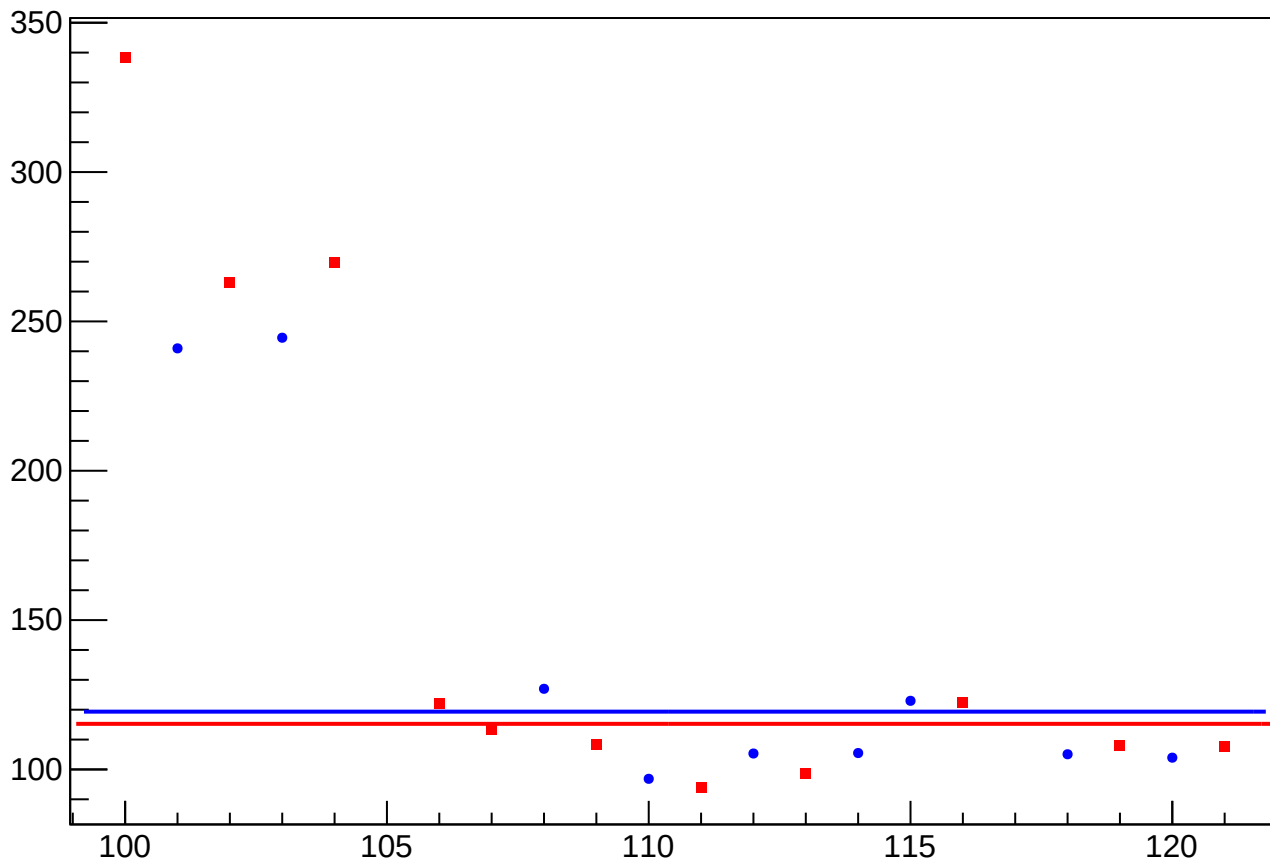
Right: -641.553+/-44.025 χ^2/NDF : 8658.9/19

In: 299.062+/-67.178 χ^2/NDF : 6629.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.553+/-44.025 χ^2/NDF : 8658.9/19

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.265+/-0.041 χ^2/NDF : 854947.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

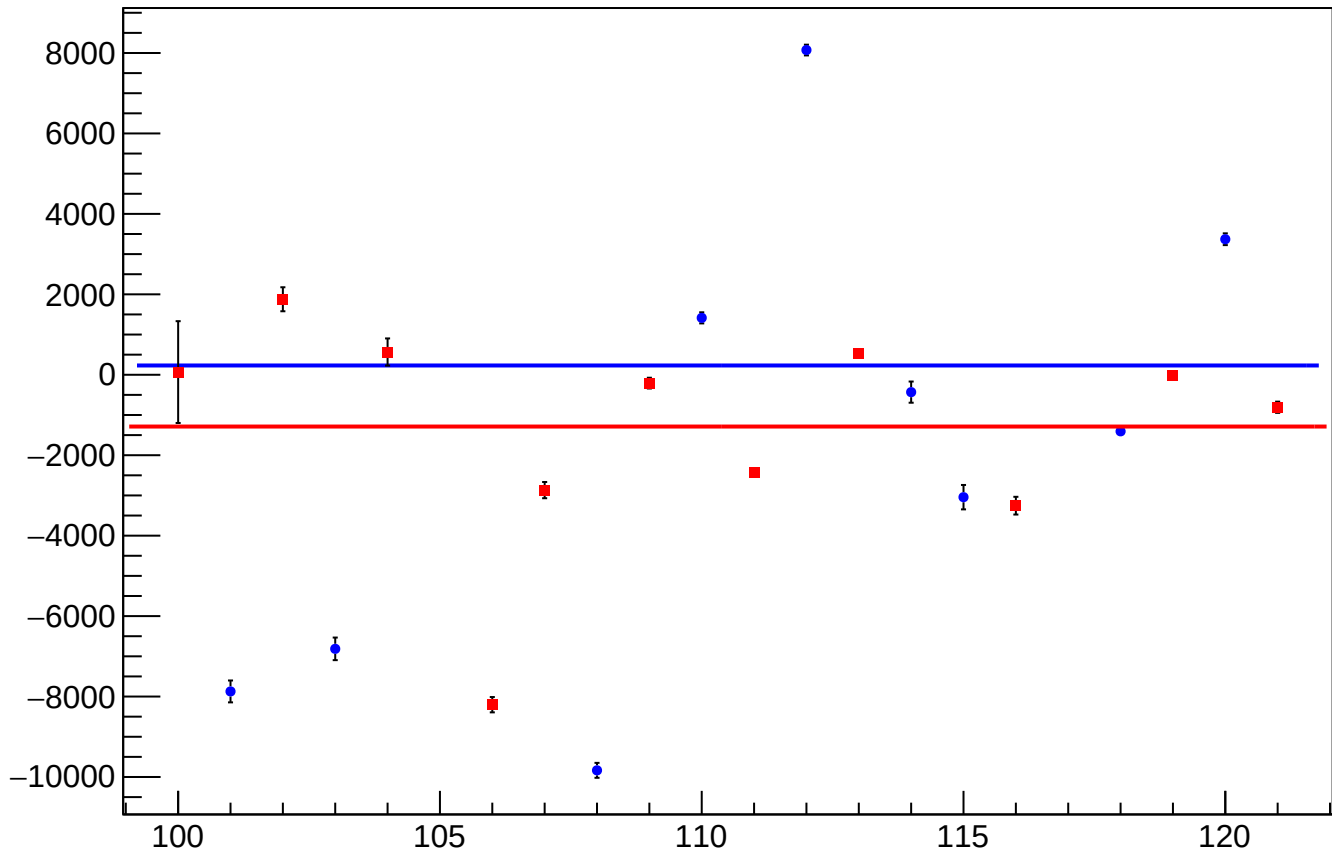
Right: 117.019+/-0.031 χ^2/NDF : 1585525.0/19

In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.019+/-0.031 χ^2/NDF : 1585525.0/19

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 231.008+/-57.323 χ^2/NDF : 8745.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1287.052+/-49.750 χ^2/NDF : 2092.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

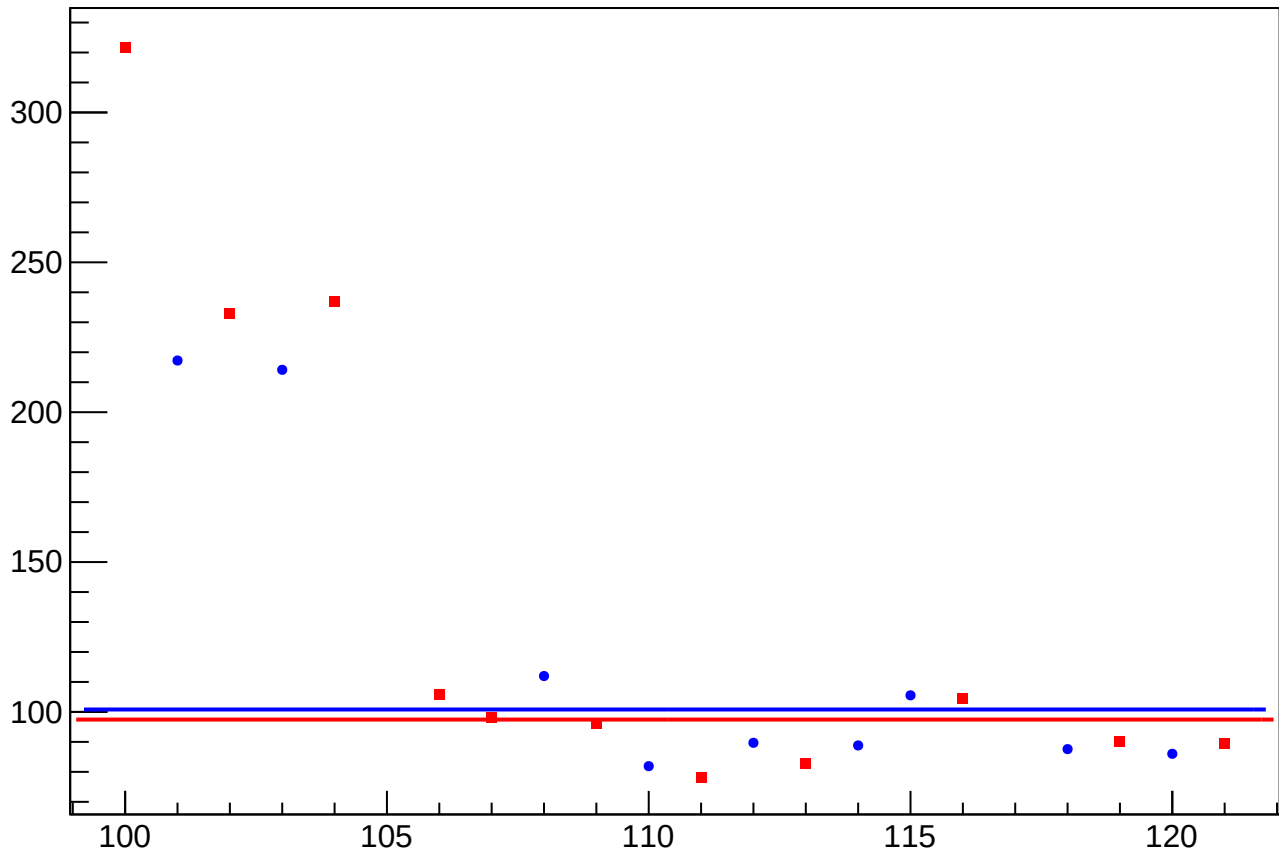
Right: -634.864+/-37.573 χ^2/NDF : 11238.5/19

In: 231.008+/-57.323 χ^2/NDF : 8745.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.864+/-37.573 χ^2/NDF : 11238.5/19

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 100.810+/-0.041 χ^2/NDF : 799426.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.447+/-0.035 χ^2/NDF : 915435.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

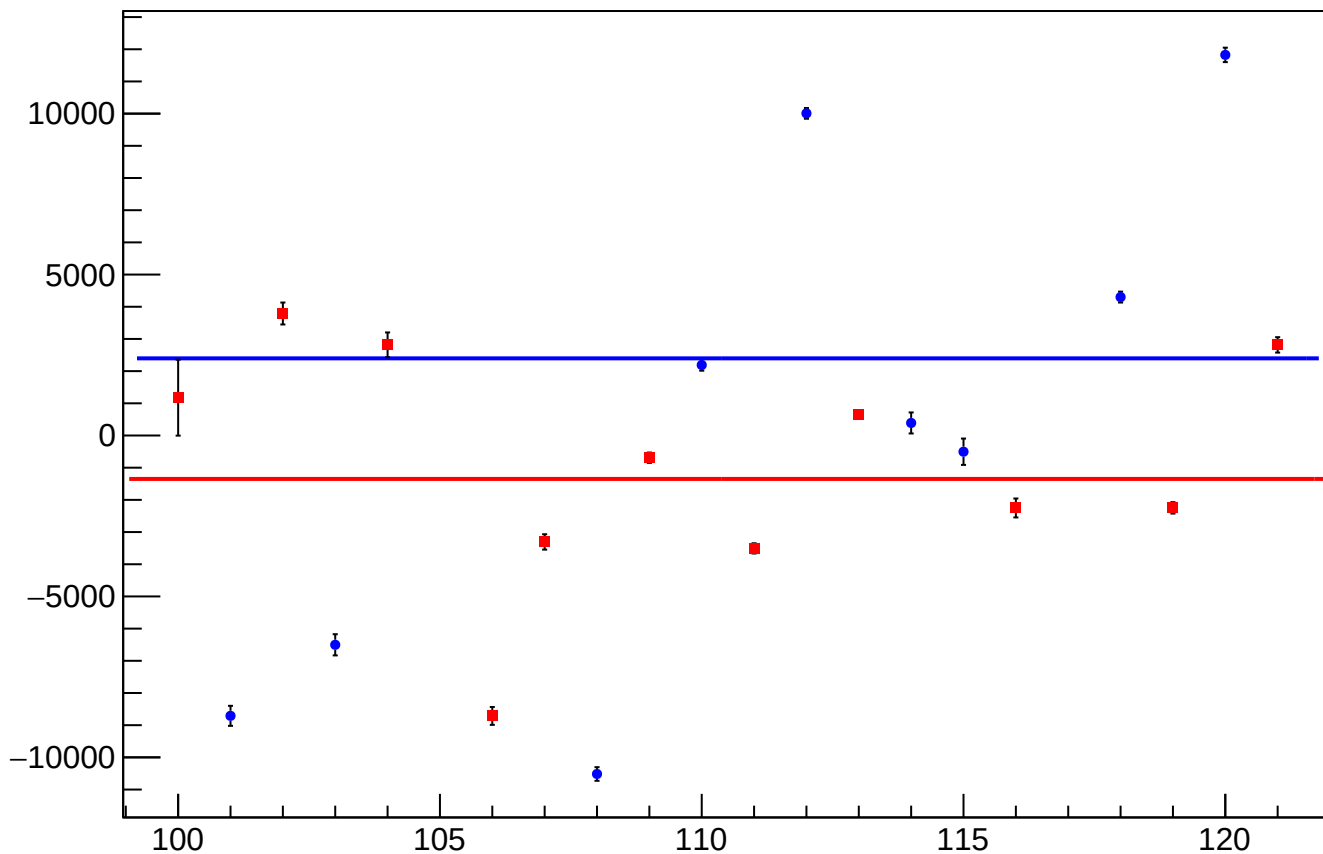
Right: 98.892+/-0.027 χ^2/NDF : 1718789.4/19

In: 100.810+/-0.041 χ^2/NDF : 799426.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.892+/-0.027 χ^2/NDF : 1718789.4/19

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2396.907+/-74.447 χ^2/NDF : 9782.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1349.283+/-66.461 χ^2/NDF : 1822.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

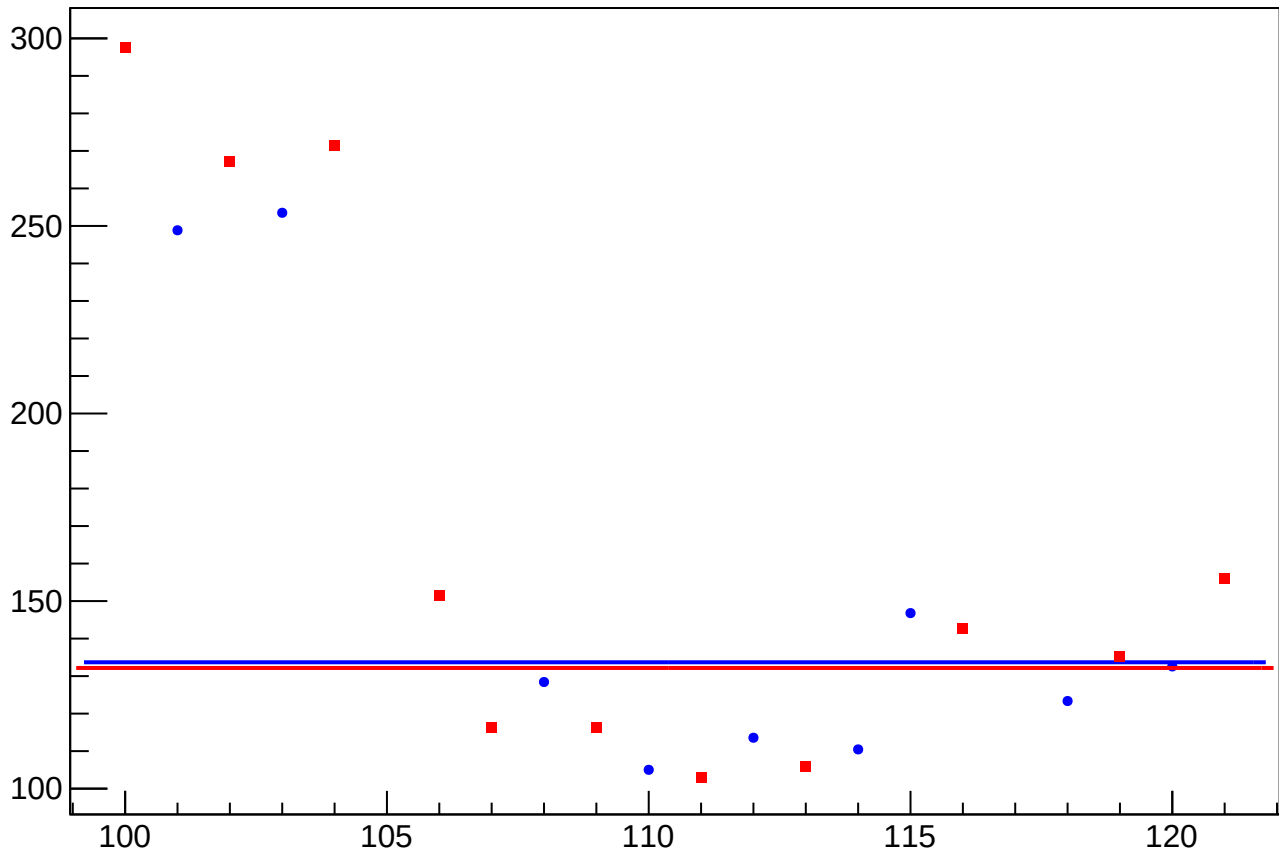
Right: 312.157+/-49.579 χ^2/NDF : 13014.4/19

In: 2396.907+/-74.447 χ^2/NDF :9782.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 312.157+/-49.579 χ^2/NDF : 13014.4/19

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 133.684+/-0.053 χ^2/NDF : 641896.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.171+/-0.047 χ^2/NDF : 797447.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

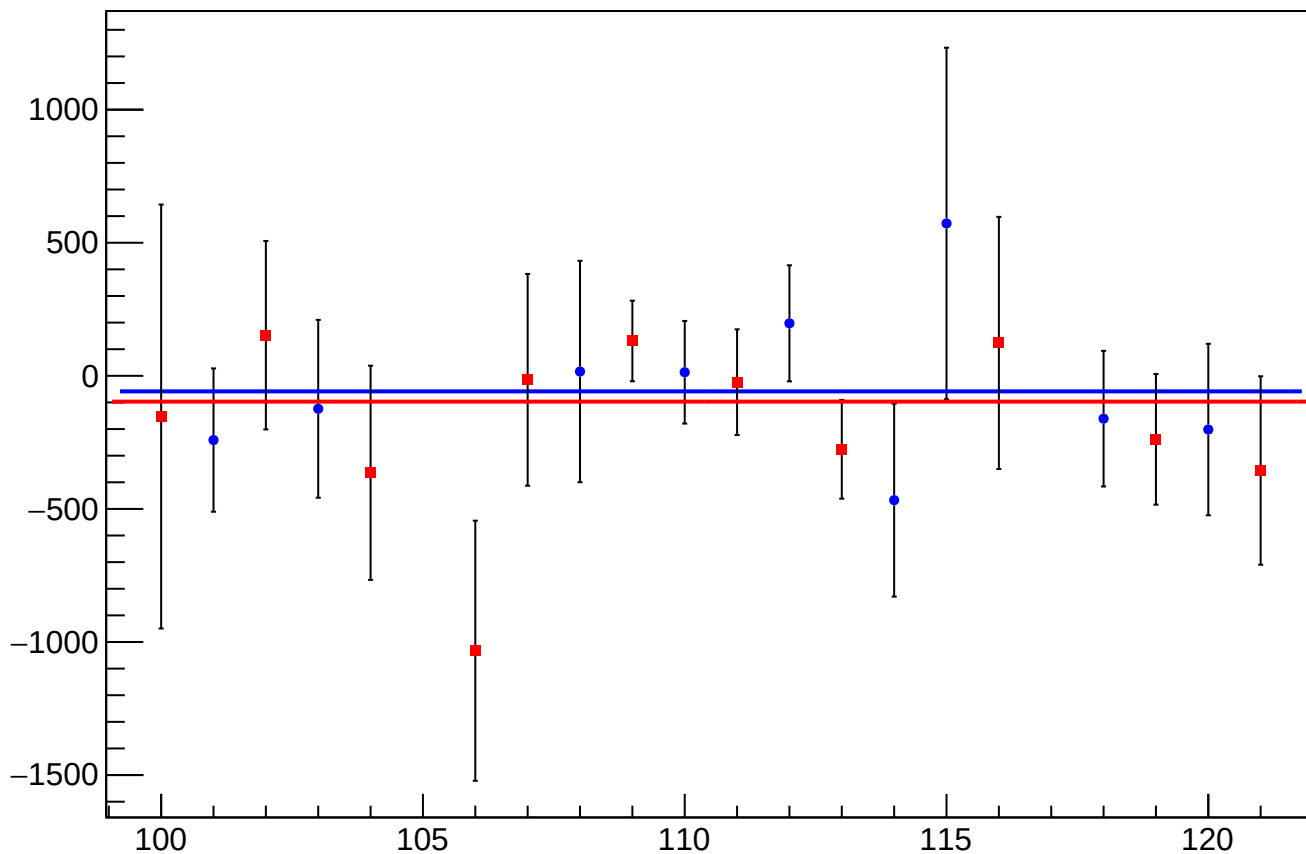
Right: 132.842+/-0.035 χ^2/NDF : 1439803.7/19

In: 133.684+/-0.053 χ^2/NDF : 641896.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.842+/-0.035 χ^2/NDF : 1439803.7/19

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -58.378 ± 94.735 χ^2/NDF : 4.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -96.912 ± 80.769 χ^2/NDF : 9.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

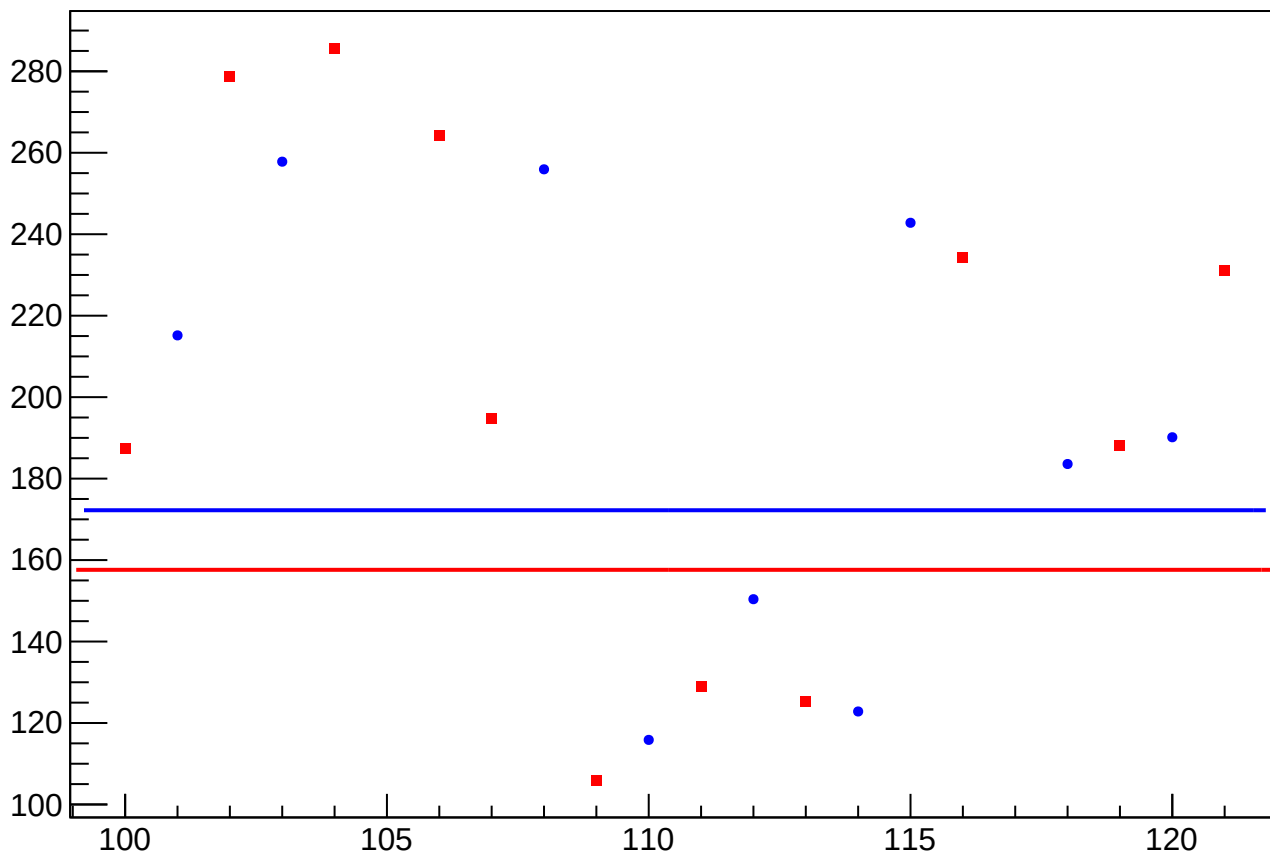
Right: -80.692 ± 61.463 χ^2/NDF : 13.8/19

In: -58.378 ± 94.735 χ^2/NDF : 4.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.692 ± 61.463 χ^2/NDF : 13.8/19

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.234+/-0.067 χ^2/NDF : 524290.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.608+/-0.057 χ^2/NDF : 1056344.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

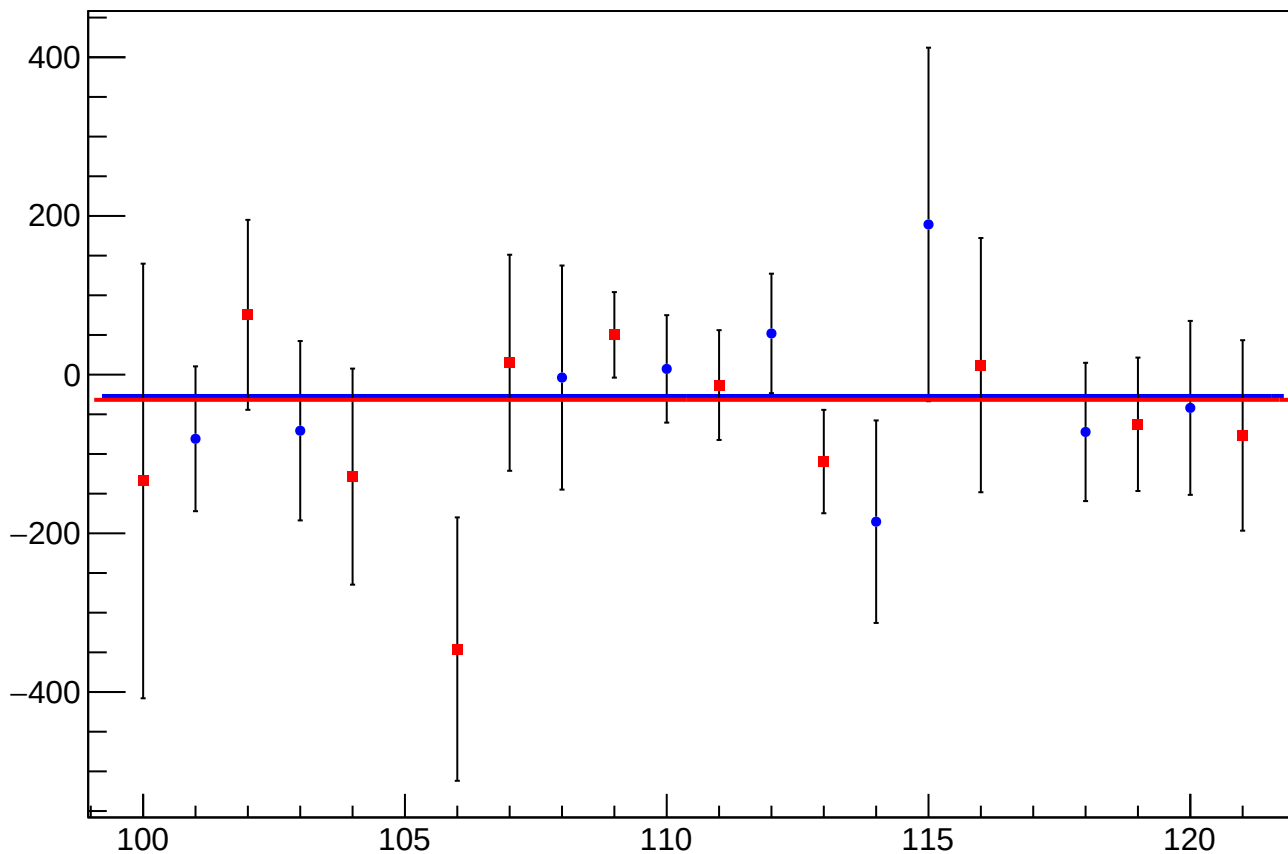
Right: 163.764+/-0.043 χ^2/NDF : 1608243.1/19

In: 172.234+/-0.067 χ^2/NDF :524290.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 163.764+/-0.043 χ^2/NDF : 1608243.1/19

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -26.894+/-32.631 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.749+/-28.104 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

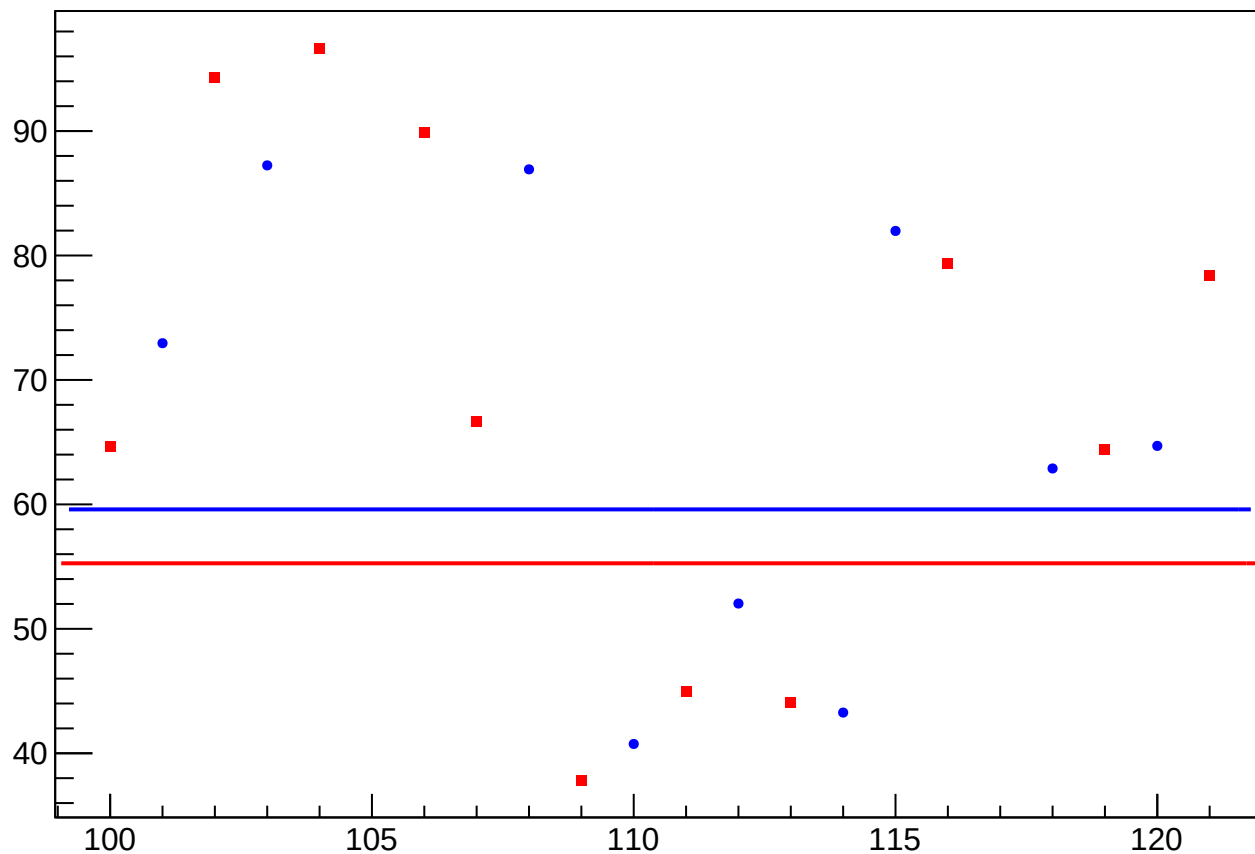
Right: -29.682+/-21.295 χ^2/NDF : 14.0/19

In: -26.894+/-32.631 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.682+/-21.295 χ^2/NDF : 14.0/19

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 59.597+/-0.023 χ^2/NDF : 472502.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.267+/-0.020 χ^2/NDF : 955857.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

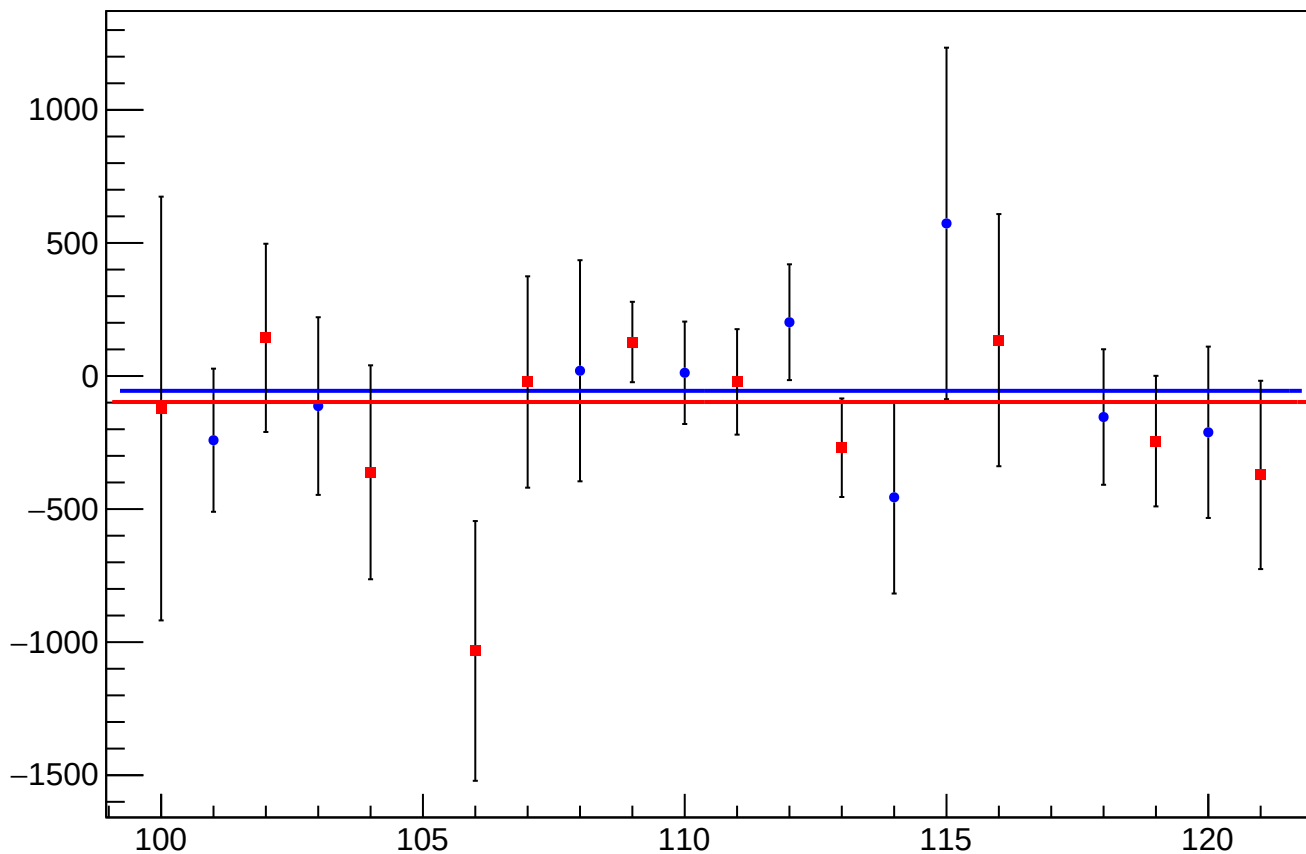
Right: 57.111+/-0.015 χ^2/NDF : 1448586.2/19

In: 59.597+/-0.023 χ^2/NDF : 472502.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.111+/-0.015 χ^2/NDF : 1448586.2/19

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -55.685+/-94.600 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -97.660+/-80.632 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

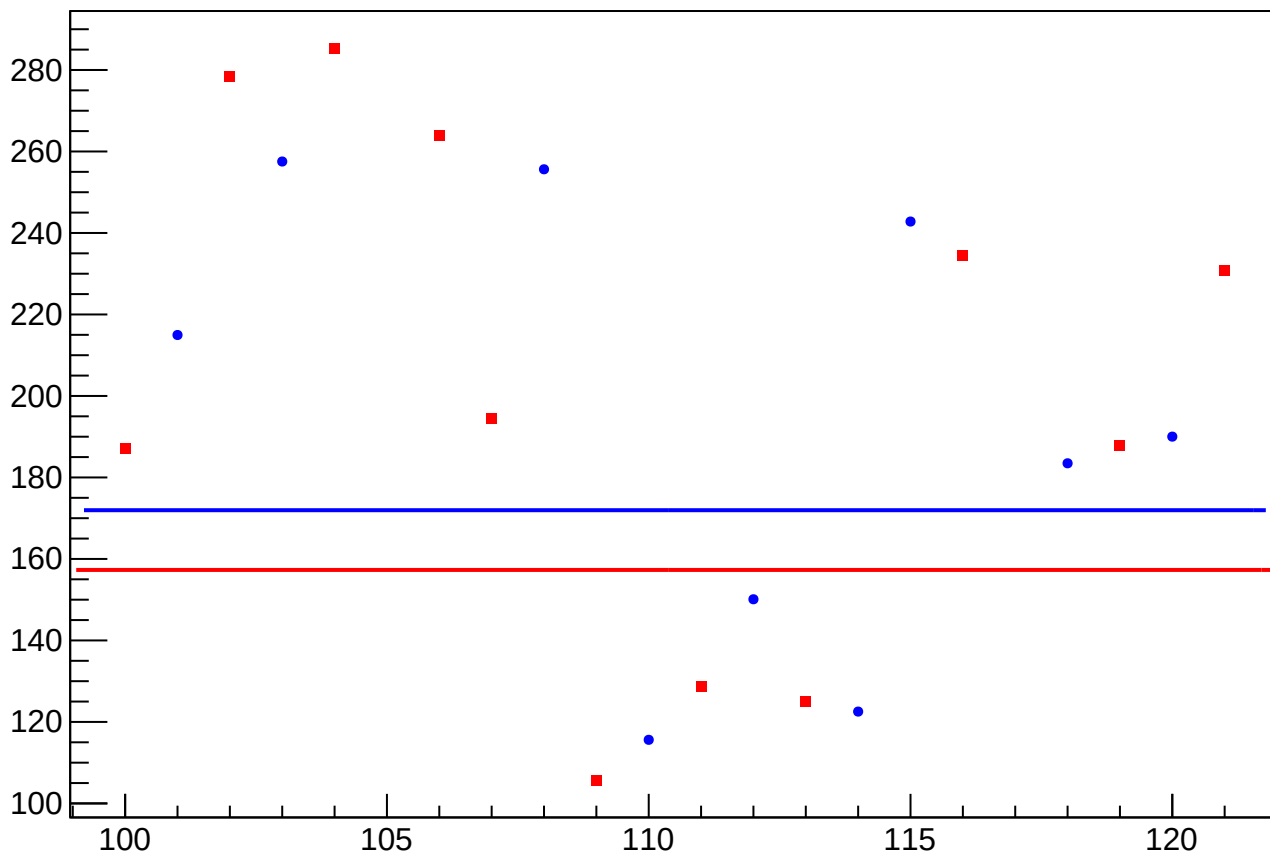
Right: -79.997+/-61.365 χ^2/NDF : 13.7/19

In: -55.685+/-94.600 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -79.997+/-61.365 χ^2/NDF : 13.7/19

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 171.961+/-0.067 χ^2/NDF : 526222.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.303+/-0.057 χ^2/NDF : 1059694.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

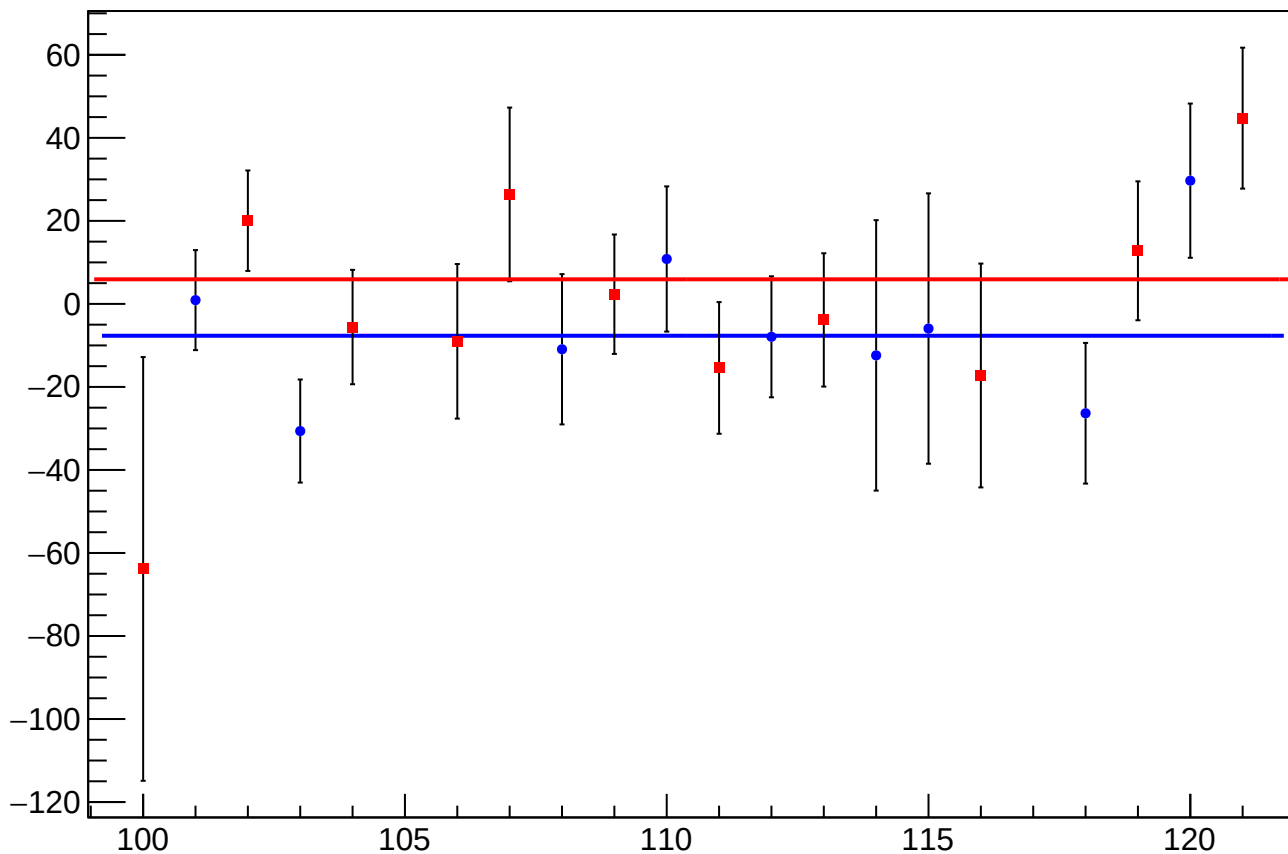
Right: 163.471+/-0.043 χ^2/NDF : 1613728.6/19

In: 171.961+/-0.067 χ^2/NDF : 526222.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.471+/-0.043 χ^2/NDF : 1613728.6/19

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.671+/-5.532 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.923+/-5.080 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

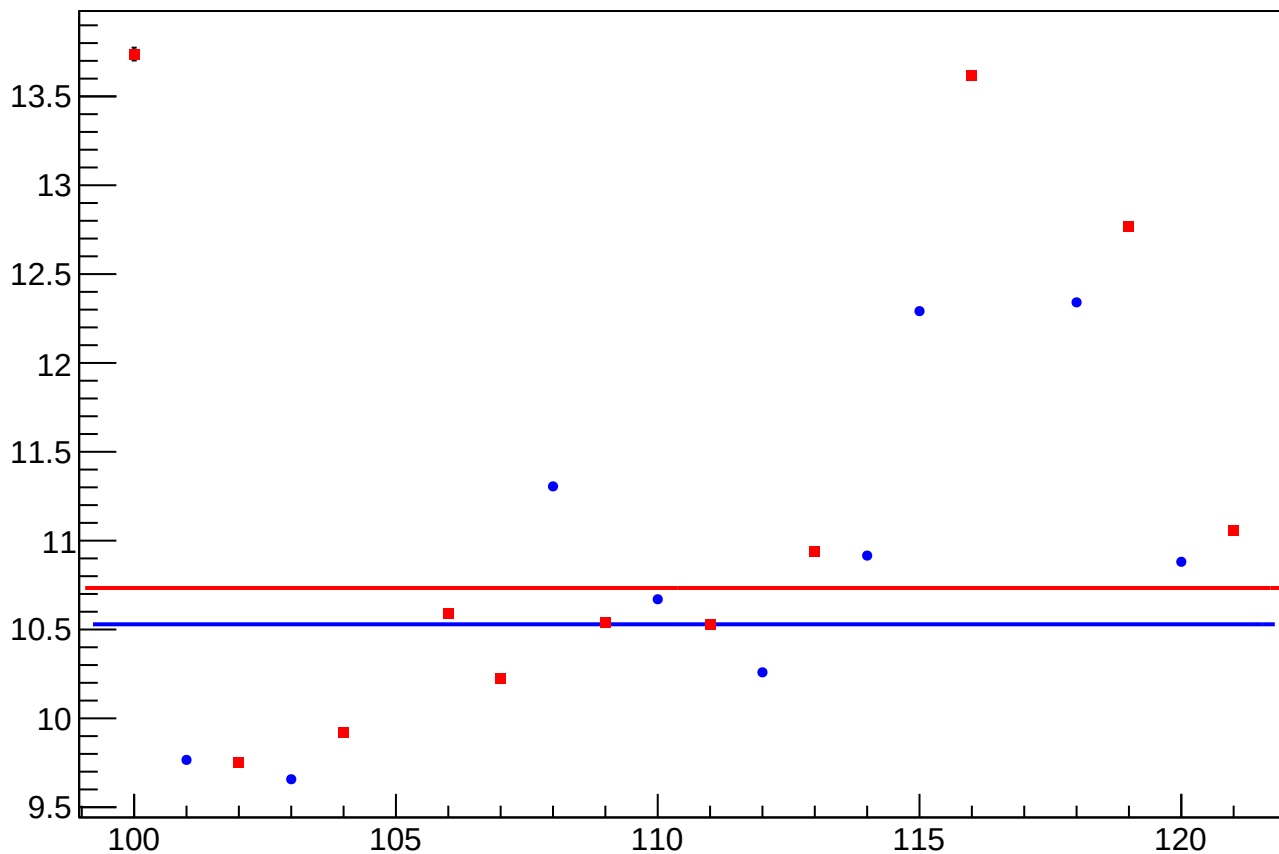
Right: -0.295+/-3.742 χ^2/NDF : 27.5/19

In: -7.671+/-5.532 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.295+/-3.742 χ^2/NDF : 27.5/19

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.734+/-0.004 χ^2/NDF : 82575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

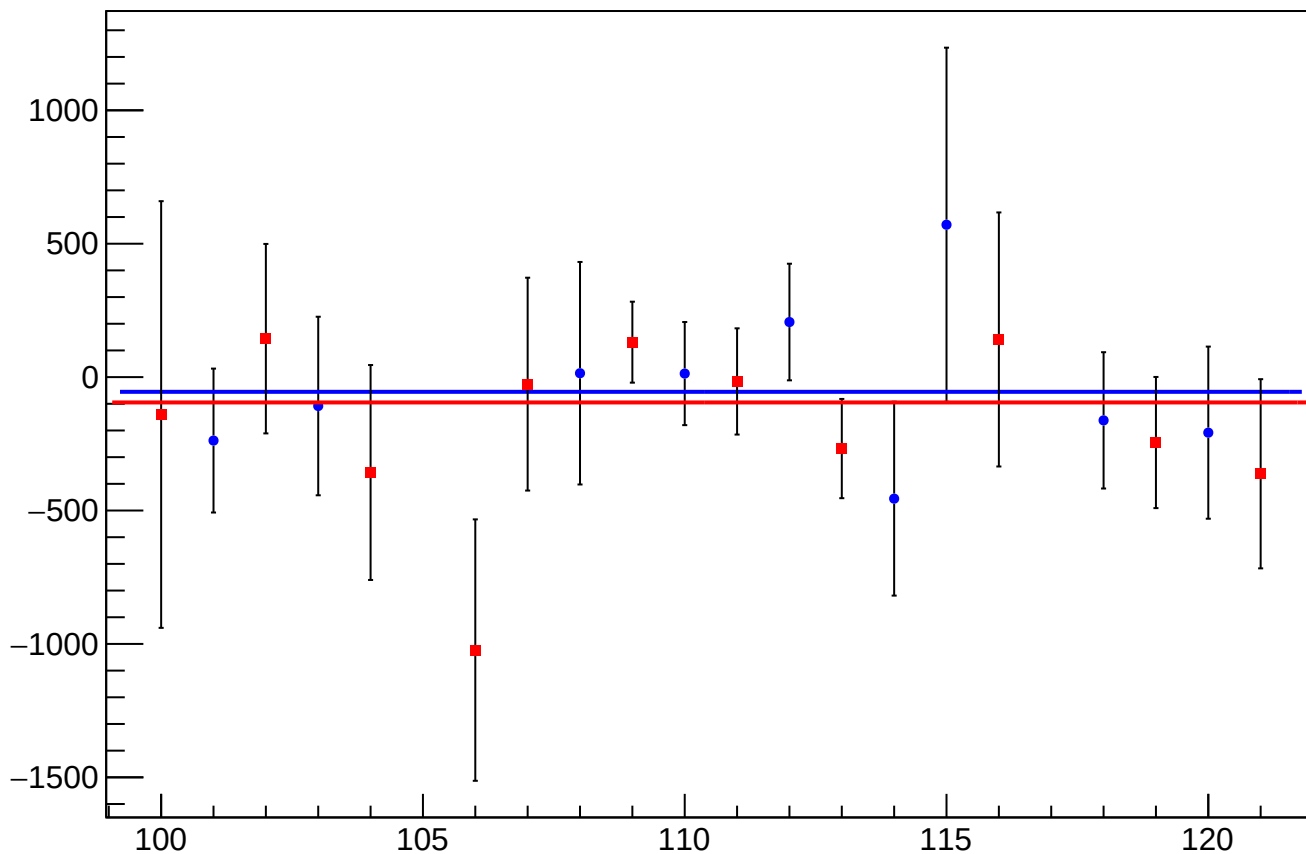
Right: 10.640+/-0.003 χ^2/NDF : 136154.1/19

In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.640+/-0.003 χ^2/NDF : 136154.1/19

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -55.099+/-94.945 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.938+/-80.947 χ^2/NDF : 8.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

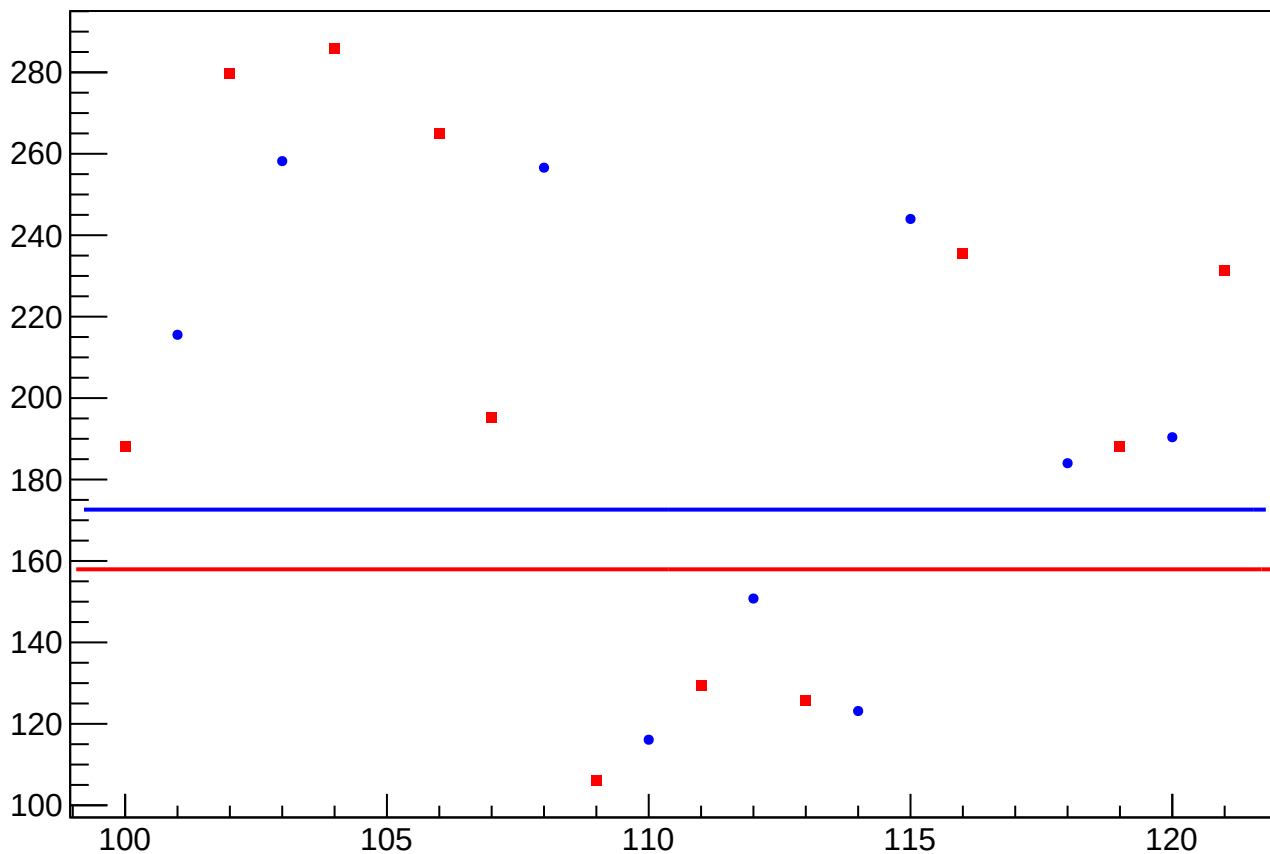
Right: -78.169+/-61.598 χ^2/NDF : 13.6/19

In: -55.099+/-94.945 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.169+/-61.598 χ^2/NDF : 13.6/19

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 172.613+/-0.067 χ^2/NDF : 523917.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.950+/-0.057 χ^2/NDF : 1056422.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

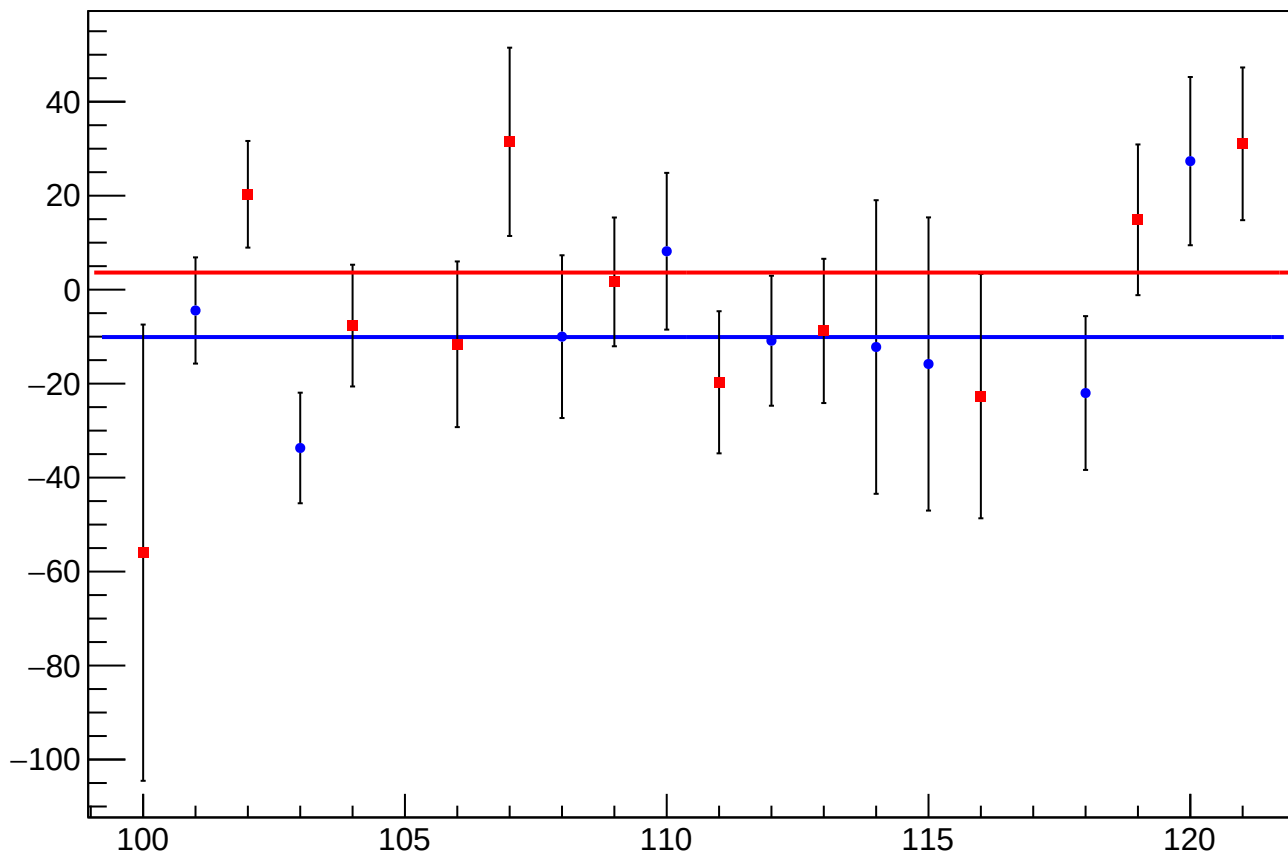
Right: 164.122+/-0.044 χ^2/NDF : 1607964.0/19

In: 172.613+/-0.067 χ^2/NDF : 523917.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.122+/-0.044 χ^2/NDF : 1607964.0/19

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -10.088 ± 5.263 $\chi^2/\text{NDF}: 10.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.641 ± 4.825 $\chi^2/\text{NDF}: 14.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

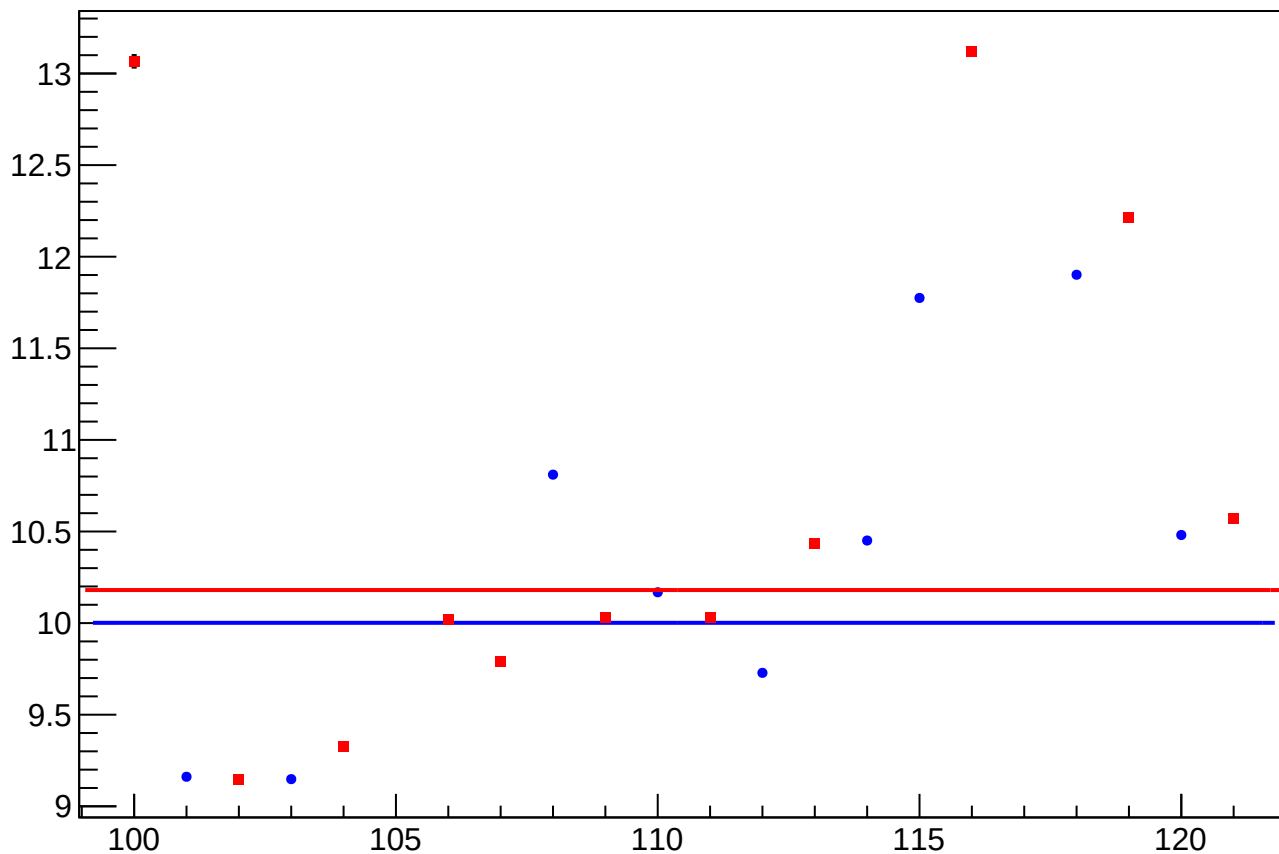
Right: -2.629 ± 3.557 $\chi^2/\text{NDF}: 28.6/19$

In: -10.088 ± 5.263 $\chi^2/\text{NDF}: 10.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.629 ± 3.557 $\chi^2/\text{NDF}: 28.6/19$

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.002+/-0.004 χ^2/NDF : 62173.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.180+/-0.003 χ^2/NDF : 93193.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

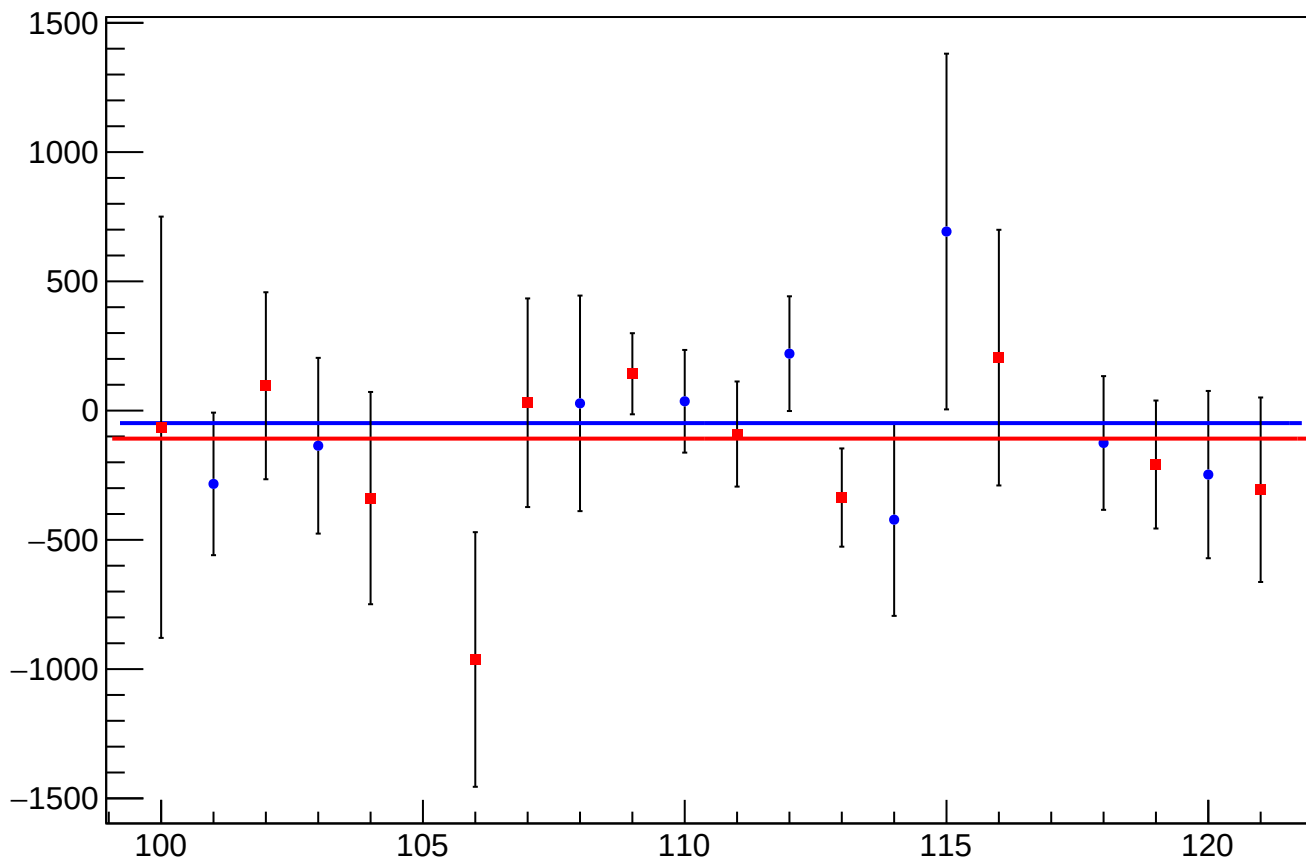
Right: 10.099+/-0.003 χ^2/NDF : 156621.4/19

In: 10.002+/-0.004 χ^2/NDF : 62173.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.099+/-0.003 χ^2/NDF : 156621.4/19

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -48.379 ± 96.644 χ^2/NDF : 5.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -108.381 ± 82.726 χ^2/NDF : 8.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

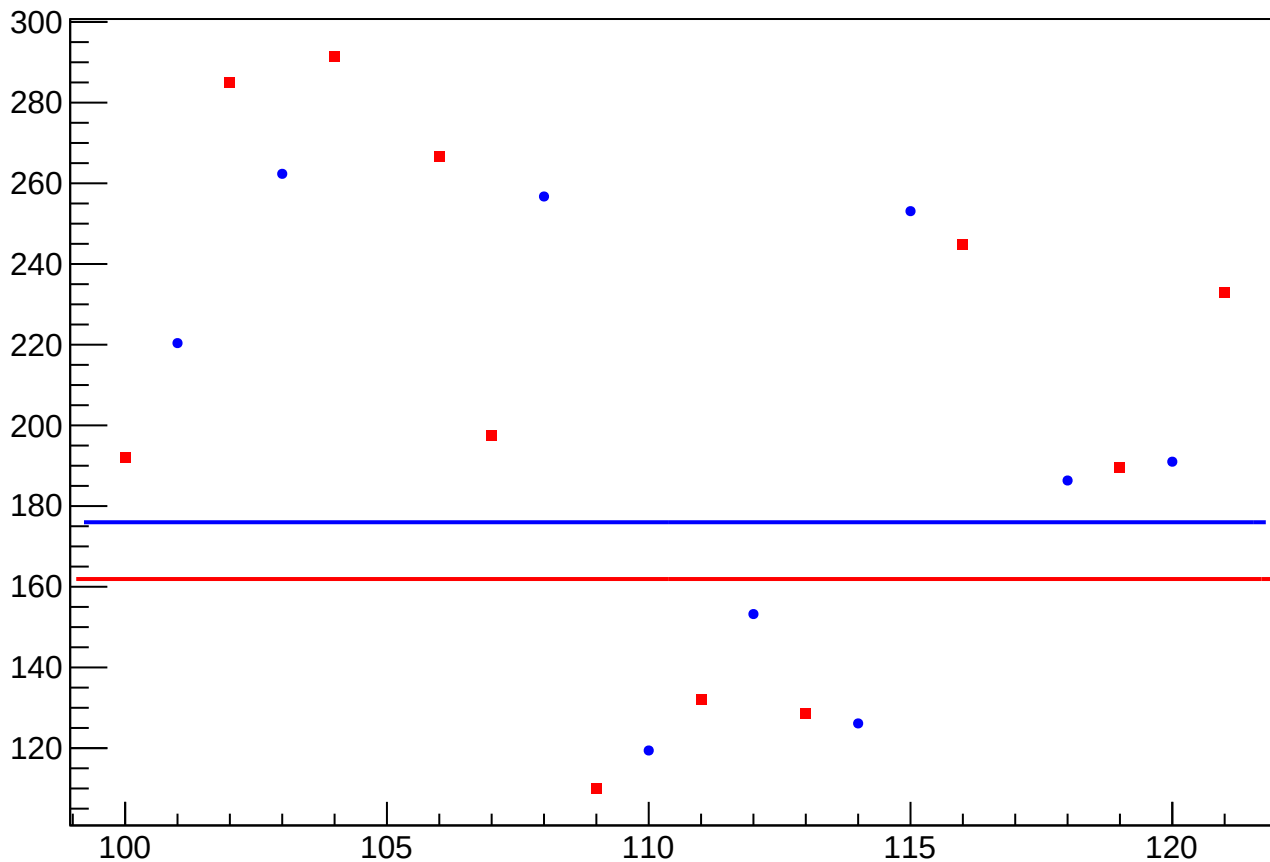
Right: -83.008 ± 62.846 χ^2/NDF : 14.0/19

In: -48.379 ± 96.644 χ^2/NDF : 5.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -83.008 ± 62.846 χ^2/NDF : 14.0/19

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 175.991 $\pm$ 0.068 χ^2 /NDF: 507890.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161.917 $\pm$ 0.058 χ^2 /NDF: 1022627.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

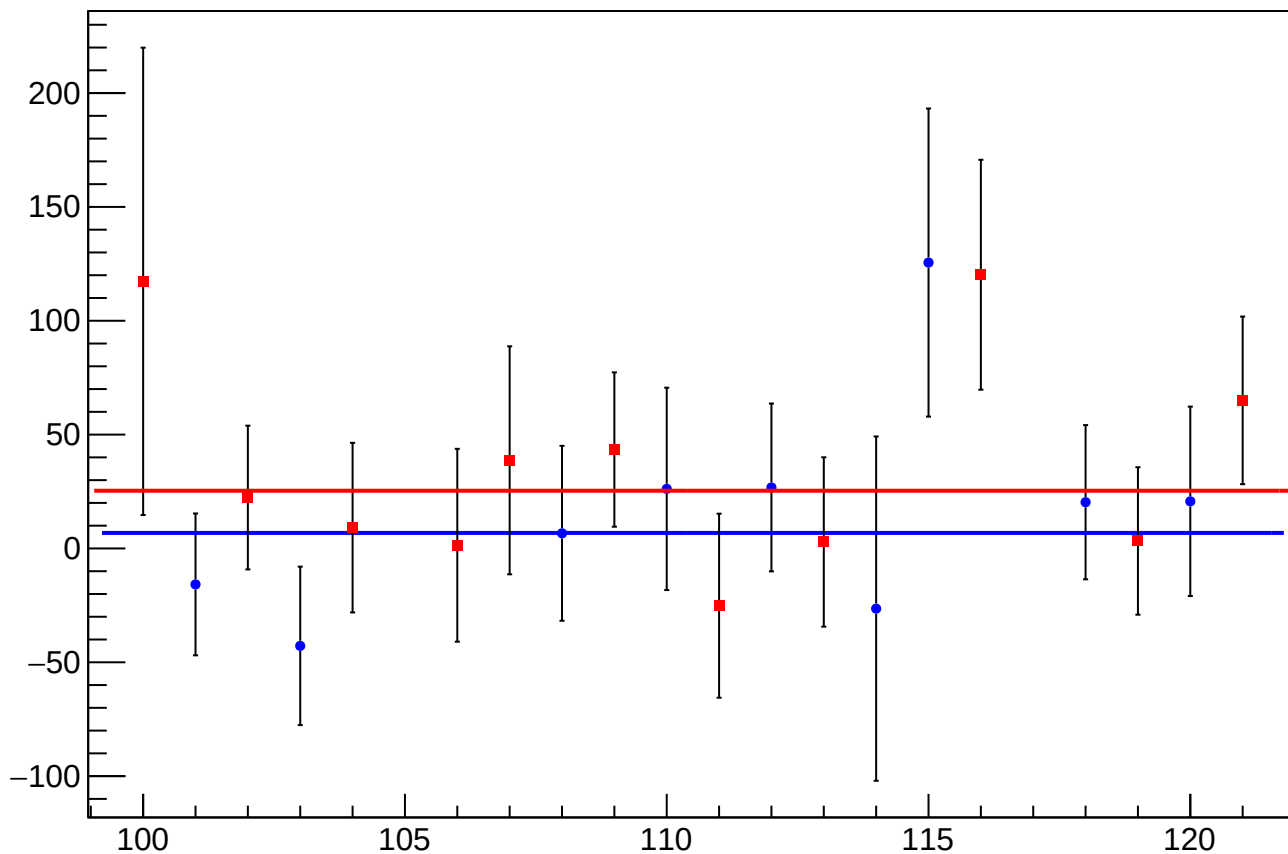
Right: 167.868 $\pm$ 0.044 χ^2 /NDF: 1554996.1/19

In: 175.991 $\pm$ 0.068 χ^2 /NDF:507890.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.868 $\pm$ 0.044 χ^2 /NDF: 1554996.1/19

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.357+/-11.897 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

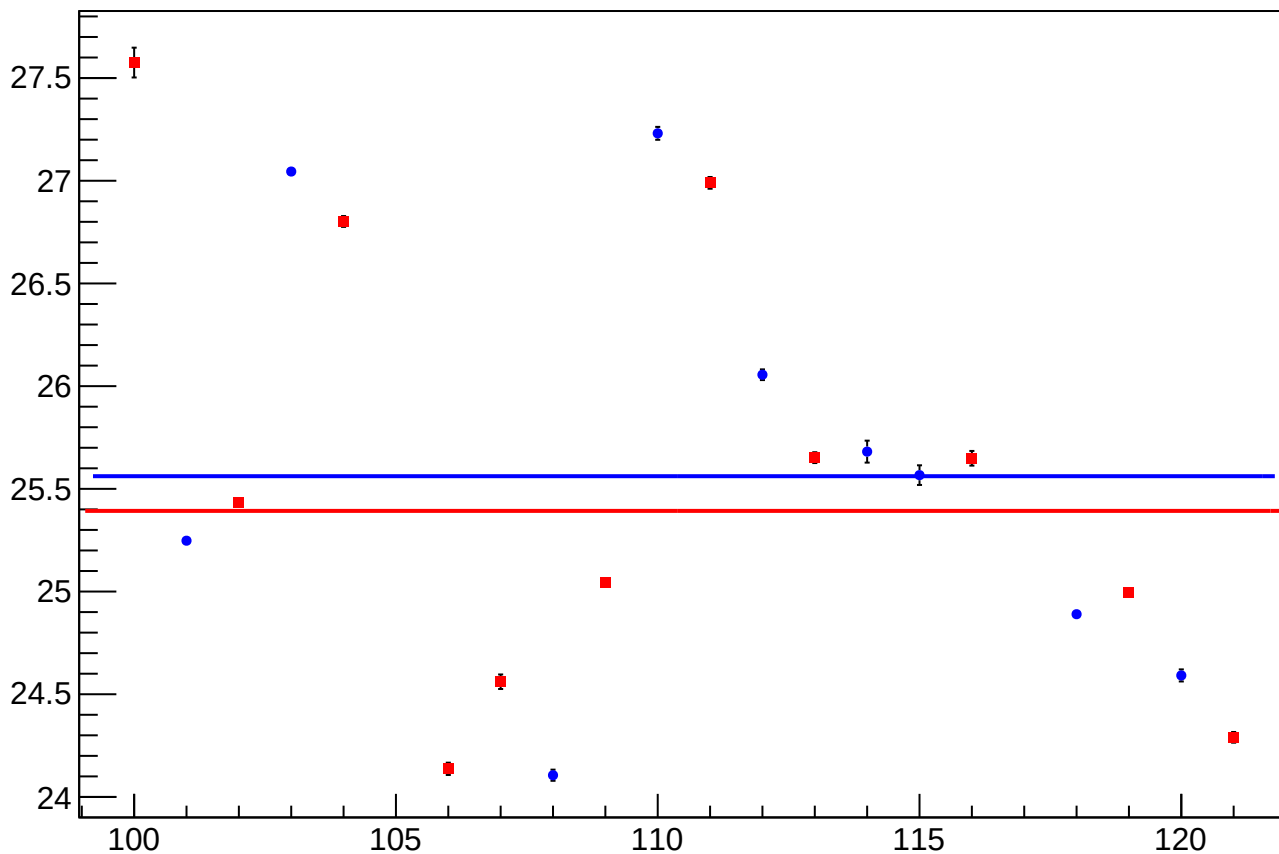
Right: 17.144+/-8.879 χ^2/NDF : 16.4/19

In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.144+/-8.879 χ^2/NDF : 16.4/19

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.562+/-0.009 χ^2/NDF : 11772.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.393+/-0.008 χ^2/NDF : 11661.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

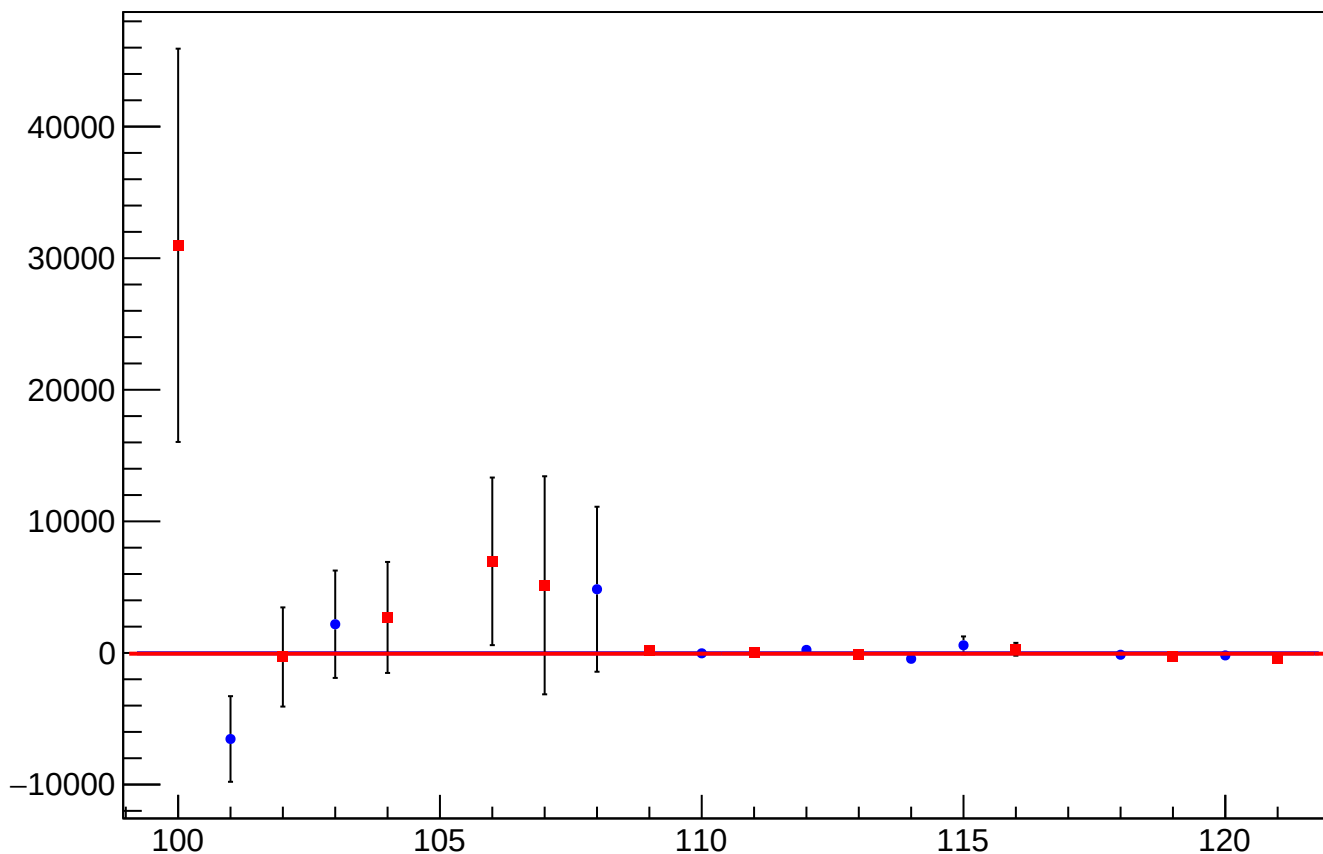
Right: 25.468+/-0.006 χ^2/NDF : 23612.3/19

In: 25.562+/-0.009 χ^2/NDF : 11772.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.468+/-0.006 χ^2/NDF : 23612.3/19

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -24.780+/-110.656 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.936+/-97.614 χ^2/NDF : 10.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

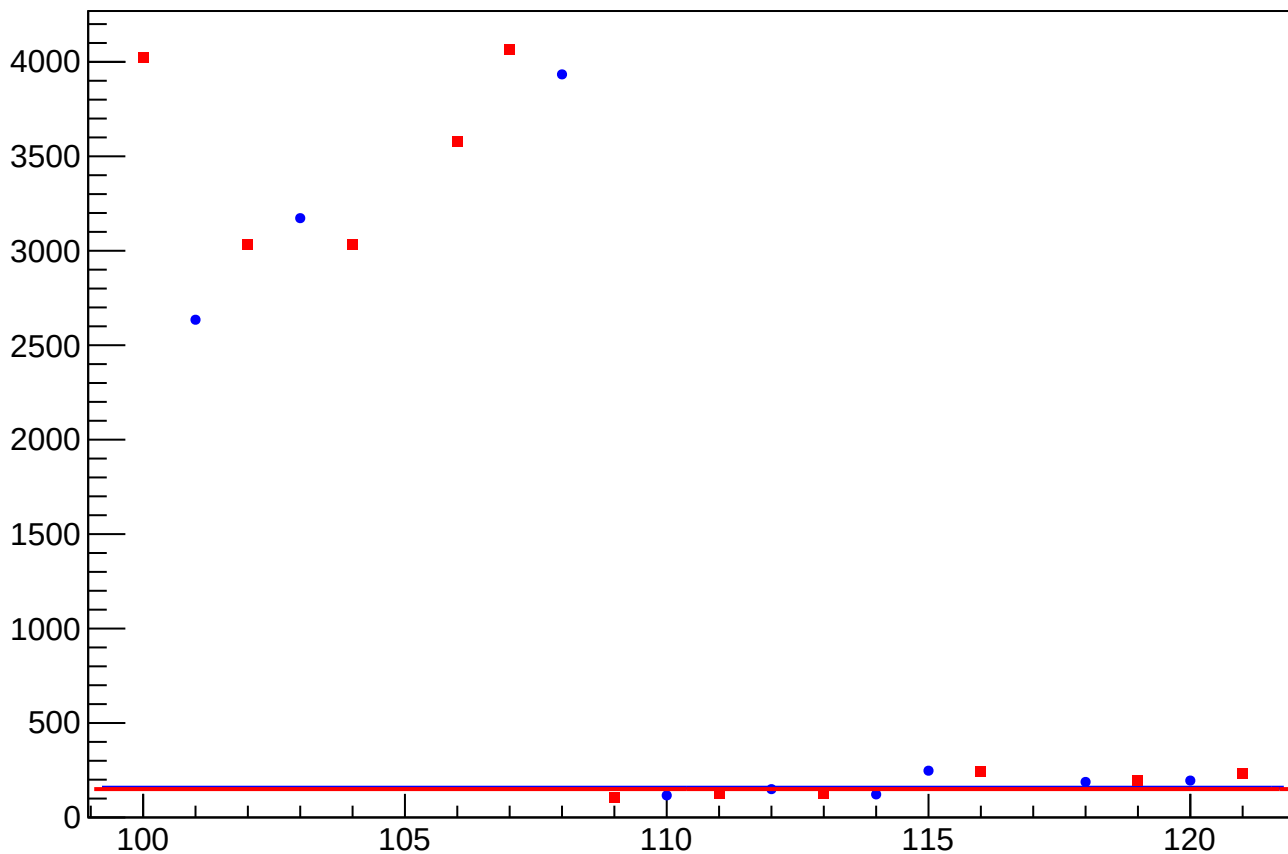
Right: -42.302+/-73.202 χ^2/NDF : 19.2/19

In: -24.780+/-110.656 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.302+/-73.202 χ^2/NDF : 19.2/19

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 157.401 $\pm$ 0.078 χ^2 /NDF: 3176628.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.124 $\pm$ 0.069 χ^2 /NDF: 3654638.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

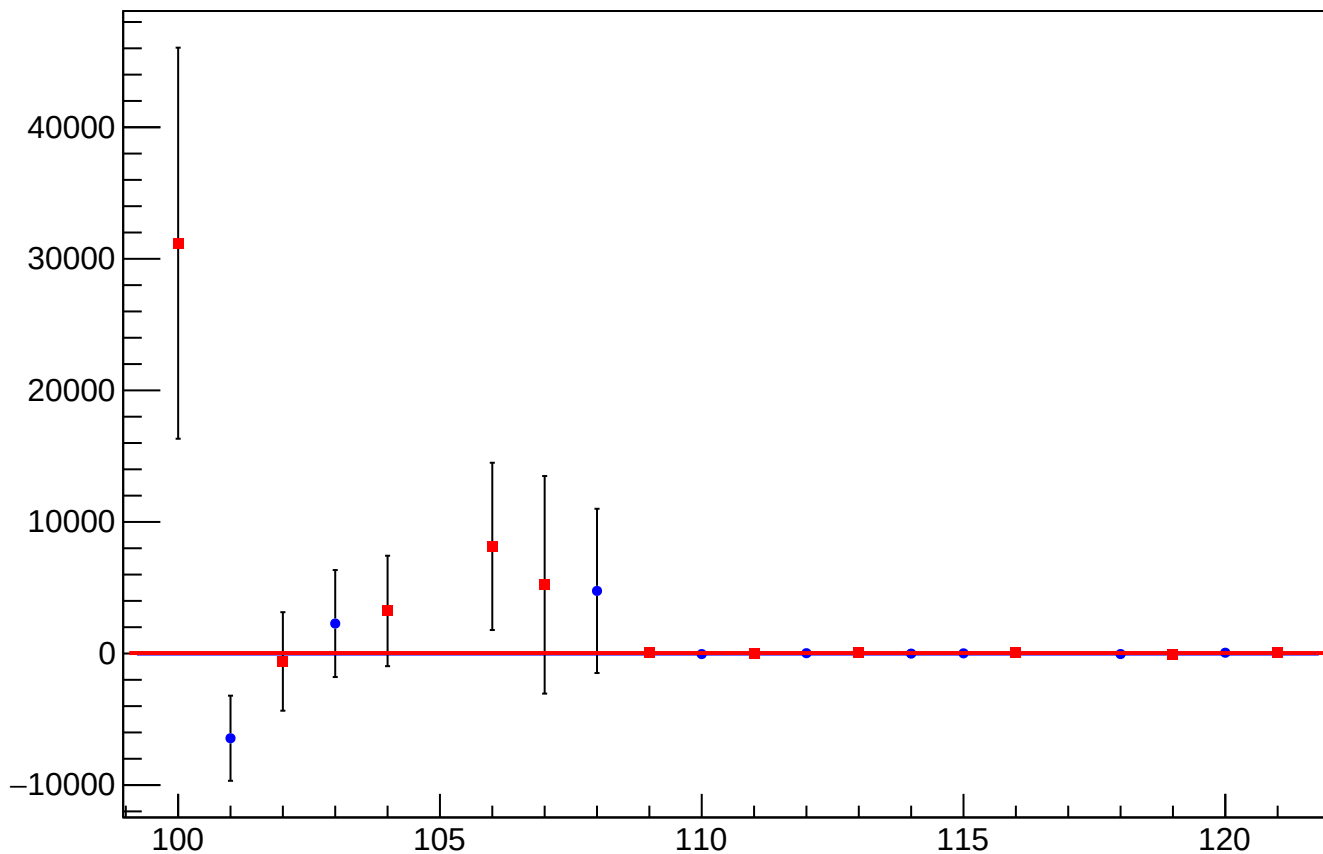
Right: 153.309 $\pm$ 0.052 χ^2 /NDF: 6836131.1/19

In: 157.401 $\pm$ 0.078 χ^2 /NDF:3176628.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.309 $\pm$ 0.052 χ^2 /NDF: 6836131.1/19

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.532+/-17.645 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

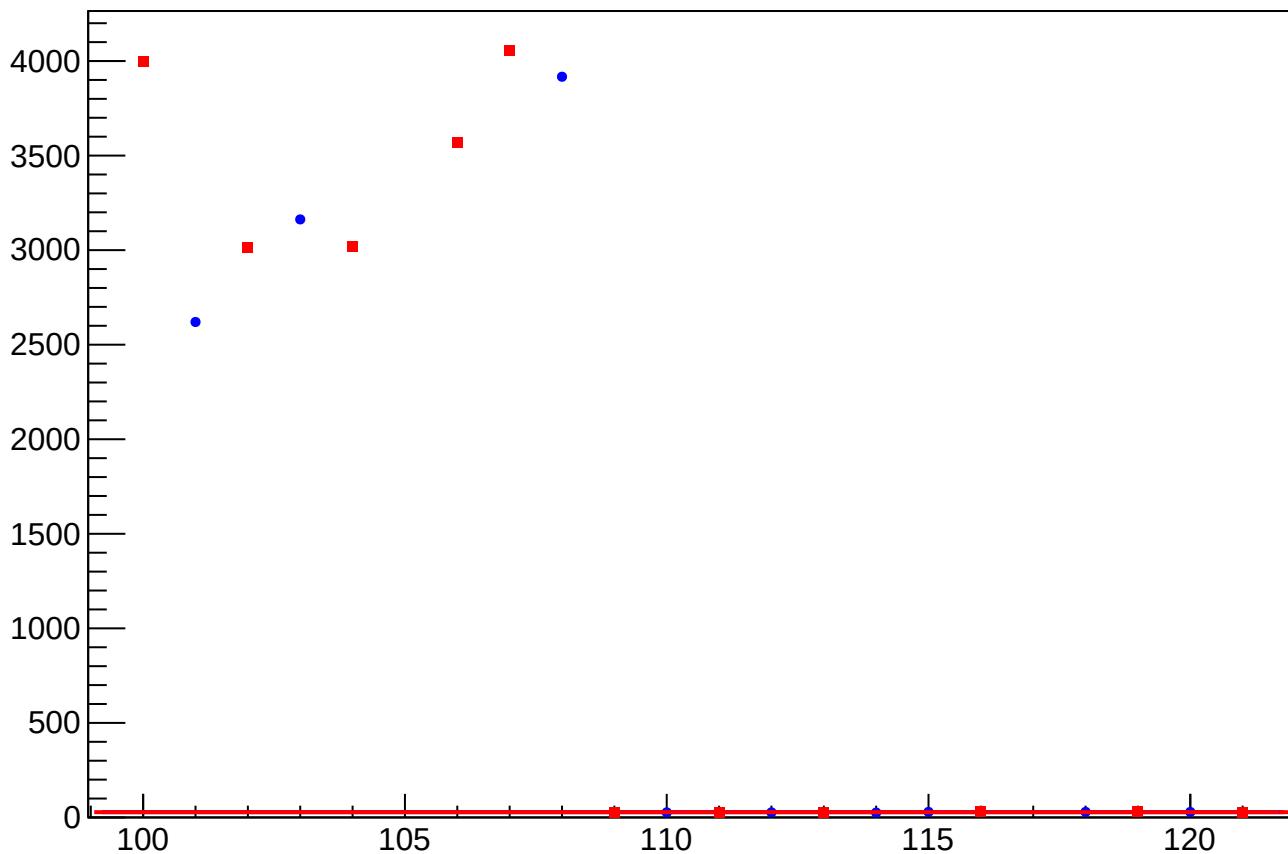
Right: 18.770+/-13.121 χ^2/NDF : 26.6/19

In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.770+/-13.121 χ^2/NDF : 26.6/19

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 28.080+/-0.014 χ^2/NDF : 3257394.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.910+/-0.012 χ^2/NDF : 3551171.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

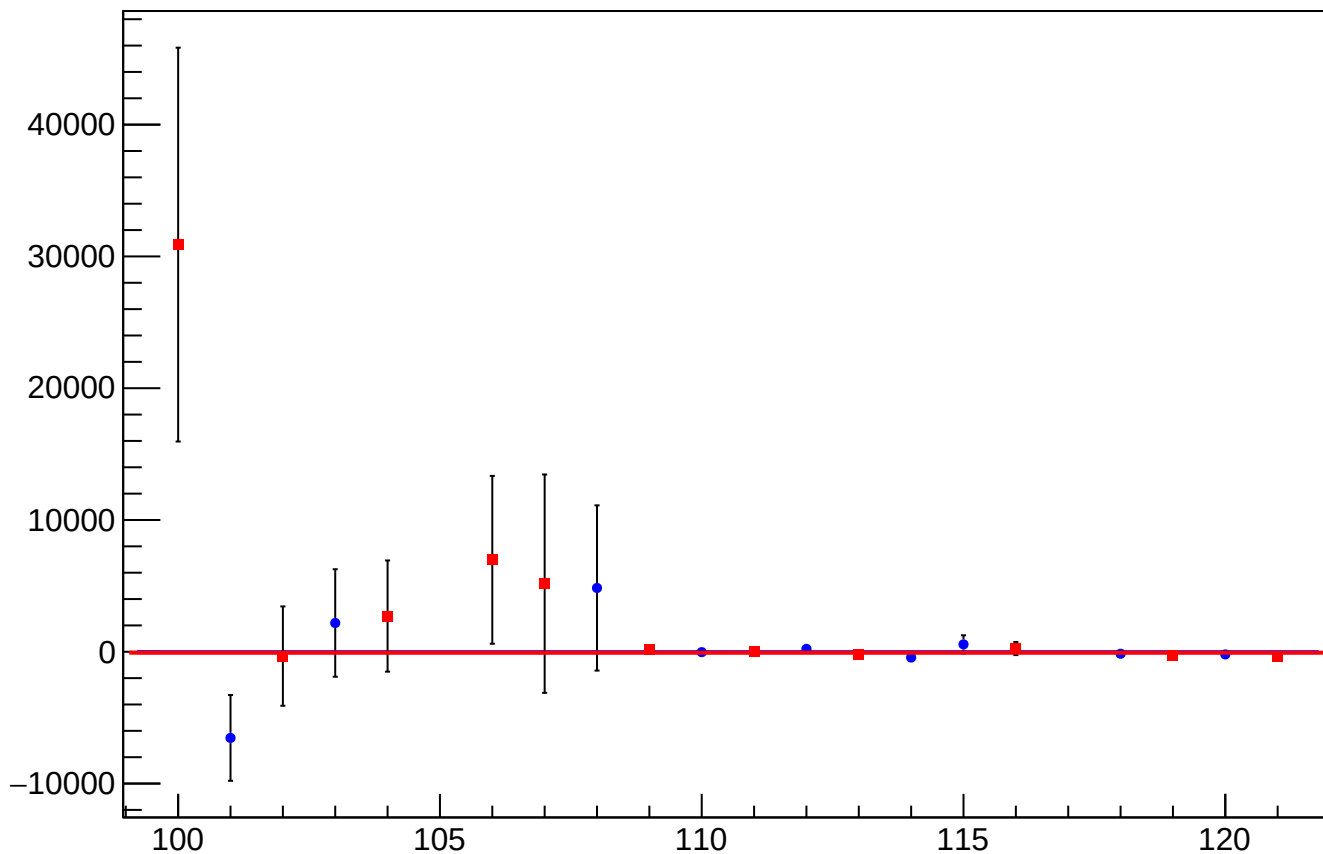
Right: 27.986+/-0.009 χ^2/NDF : 6808648.6/19

In: 28.080+/-0.014 χ^2/NDF : 3257394.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.986+/-0.009 χ^2/NDF : 6808648.6/19

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.235+/-98.534 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

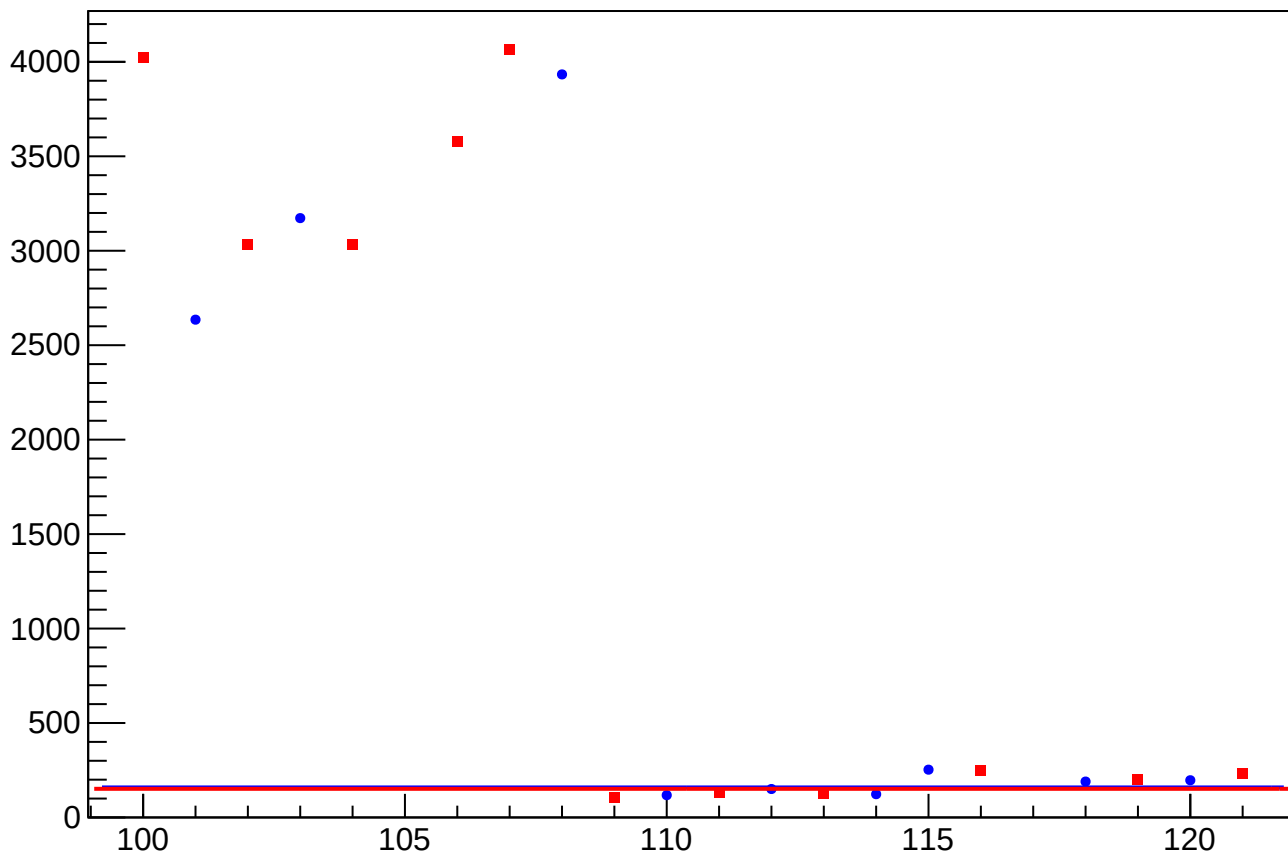
Right: -53.915+/-73.872 χ^2/NDF : 18.7/19

In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.915+/-73.872 χ^2/NDF : 18.7/19

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 158.837+/-0.079 χ^2/NDF : 3175197.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 151.614+/-0.070 χ^2/NDF : 3653161.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

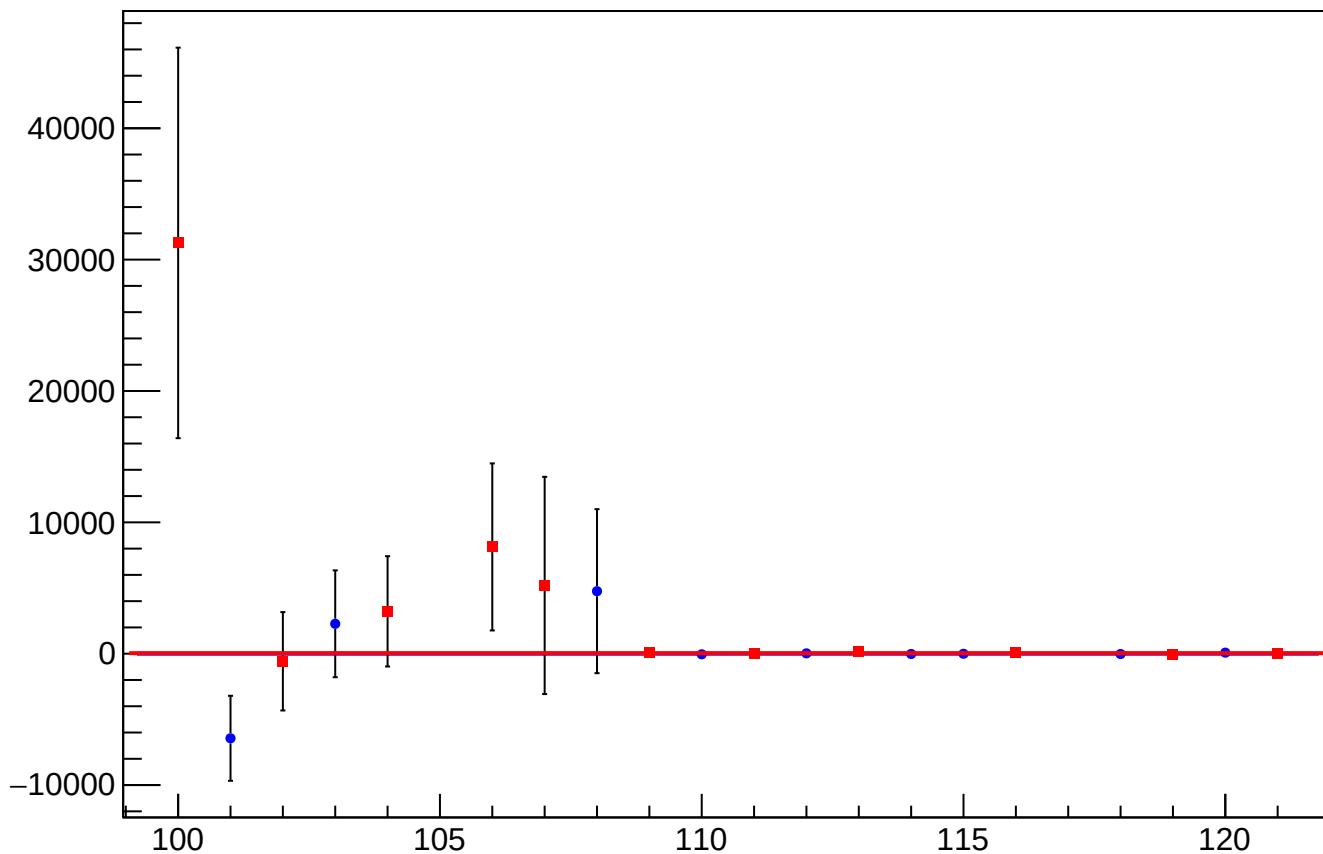
Right: 154.777+/-0.052 χ^2/NDF : 6833066.0/19

In: 158.837+/-0.079 χ^2/NDF :3175197.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.777+/-0.052 χ^2/NDF : 6833066.0/19

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.981+/-19.730 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

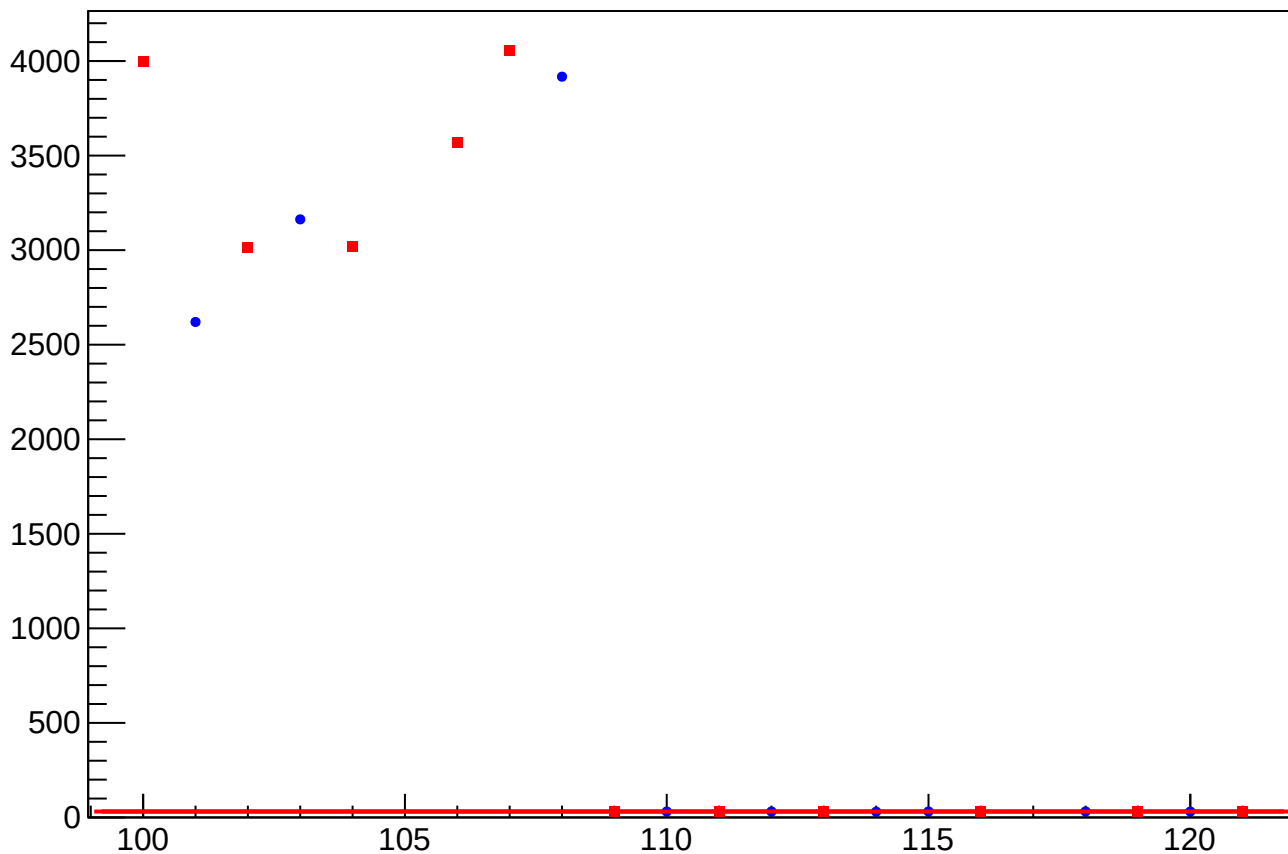
Right: 24.328+/-14.712 χ^2/NDF : 29.8/19

In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.328+/-14.712 χ^2/NDF : 29.8/19

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.668+/-0.016 χ^2/NDF : 3241348.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-0.014 χ^2/NDF : 3529348.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

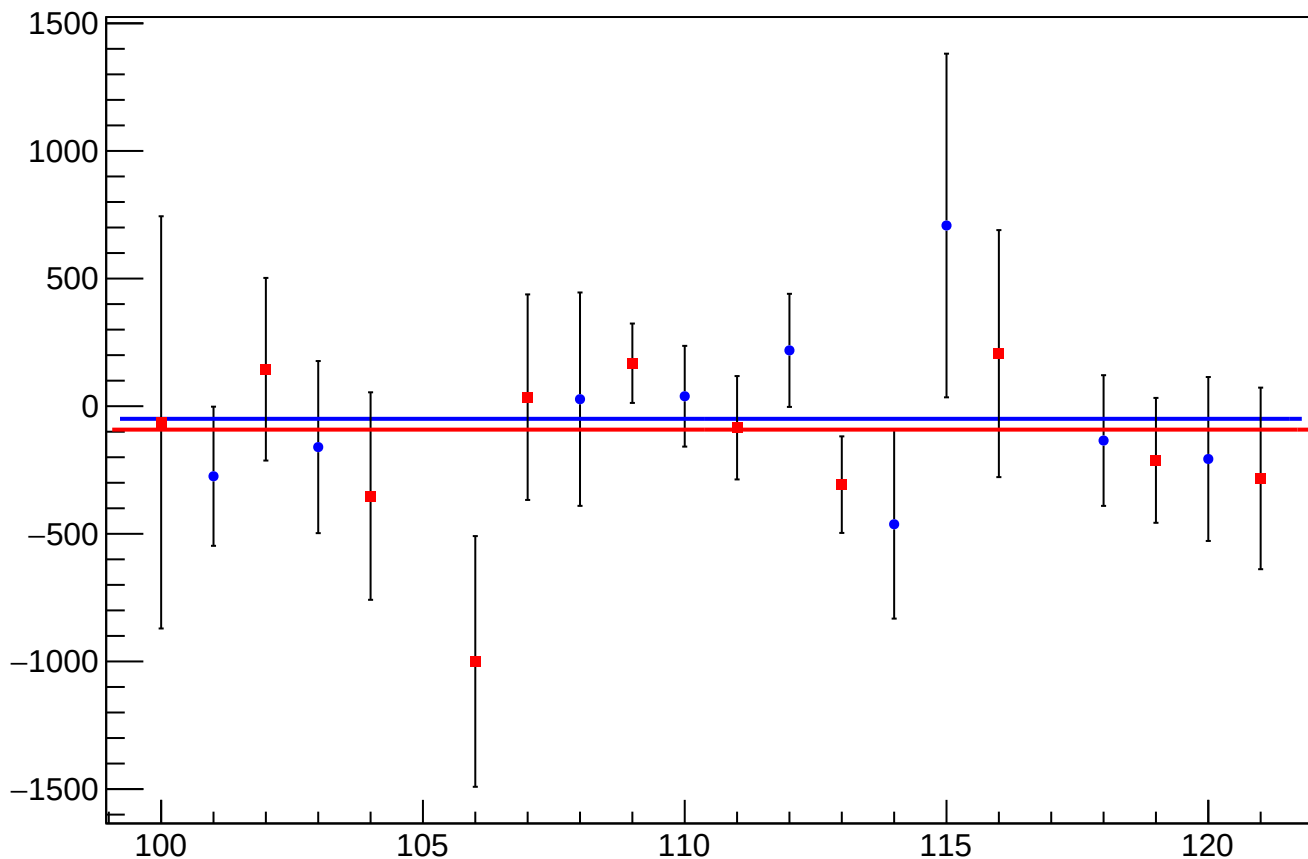
Right: 31.454+/-0.010 χ^2/NDF : 6771034.0/19

In: 31.668+/-0.016 χ^2/NDF : 3241348.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.454+/-0.010 χ^2/NDF : 6771034.0/19

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -49.465 ± 96.000 χ^2/NDF : 5.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -91.817 ± 82.122 χ^2/NDF : 9.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

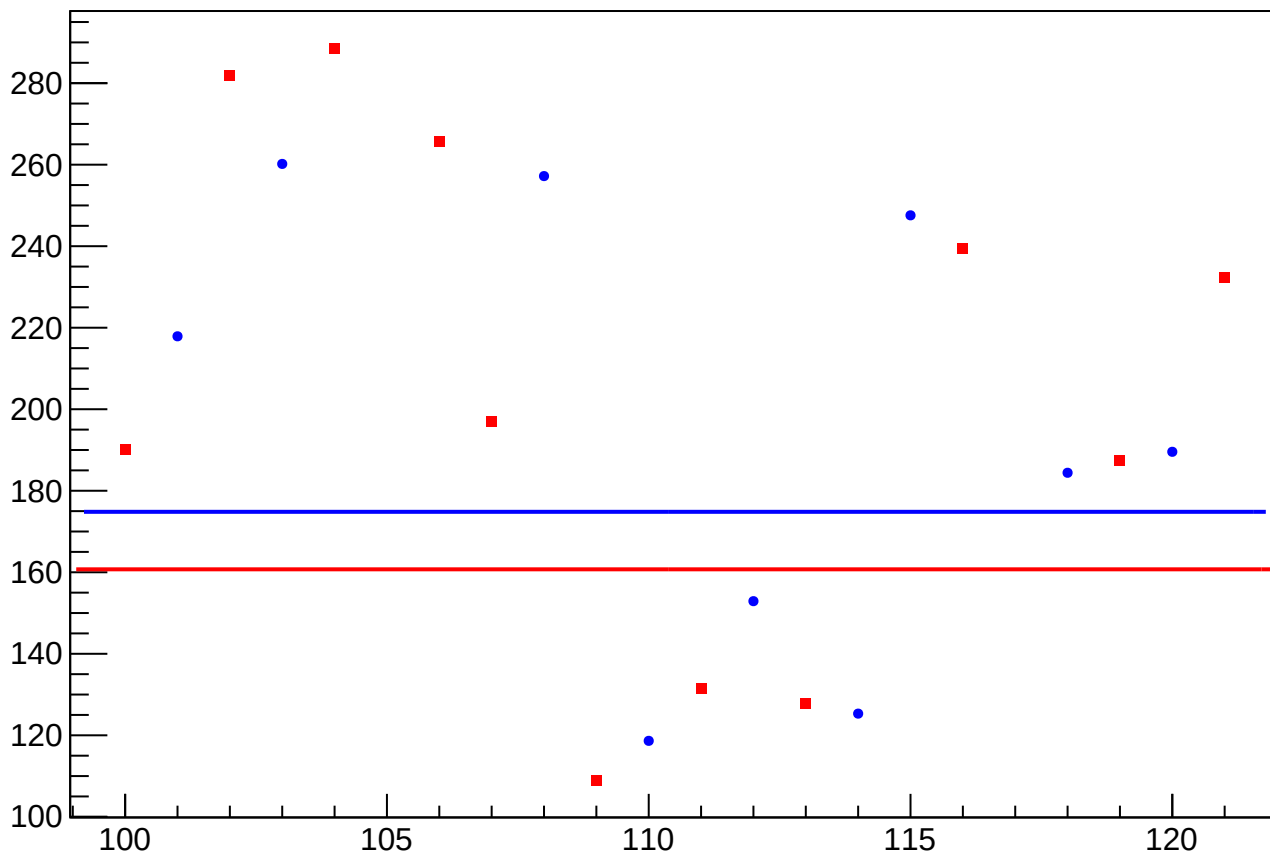
Right: -73.921 ± 62.404 χ^2/NDF : 14.8/19

In: -49.465 ± 96.000 χ^2/NDF : 5.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.921 ± 62.404 χ^2/NDF : 14.8/19

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.724+/-0.058 χ^2/NDF : 1017498.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

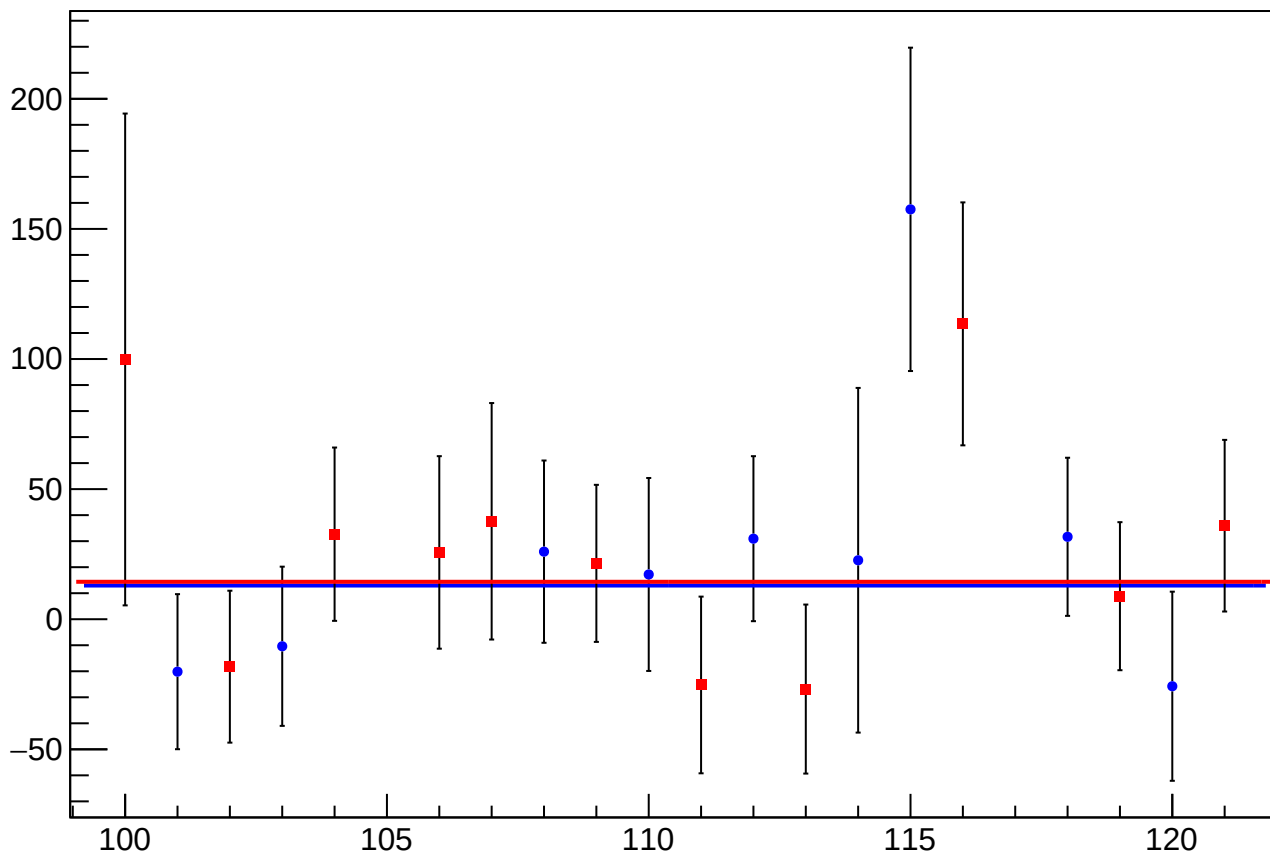
Right: 166.685+/-0.044 χ^2/NDF : 1546138.2/19

In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.685+/-0.044 χ^2/NDF : 1546138.2/19

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.389+/-10.583 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

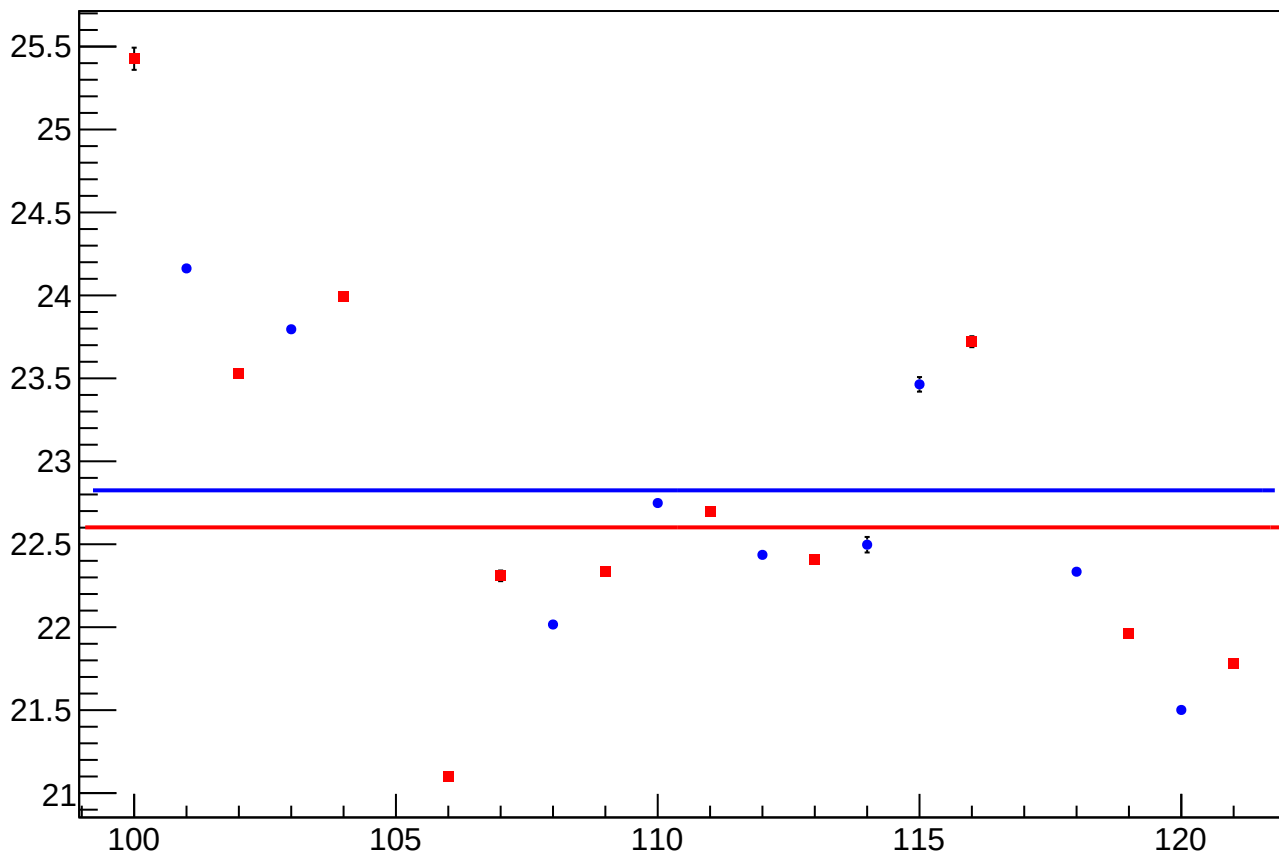
Right: 13.754+/-7.909 χ^2/NDF : 20.0/19

In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.754+/-7.909 χ^2/NDF : 20.0/19

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.602+/-0.007 χ^2/NDF : 14307.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

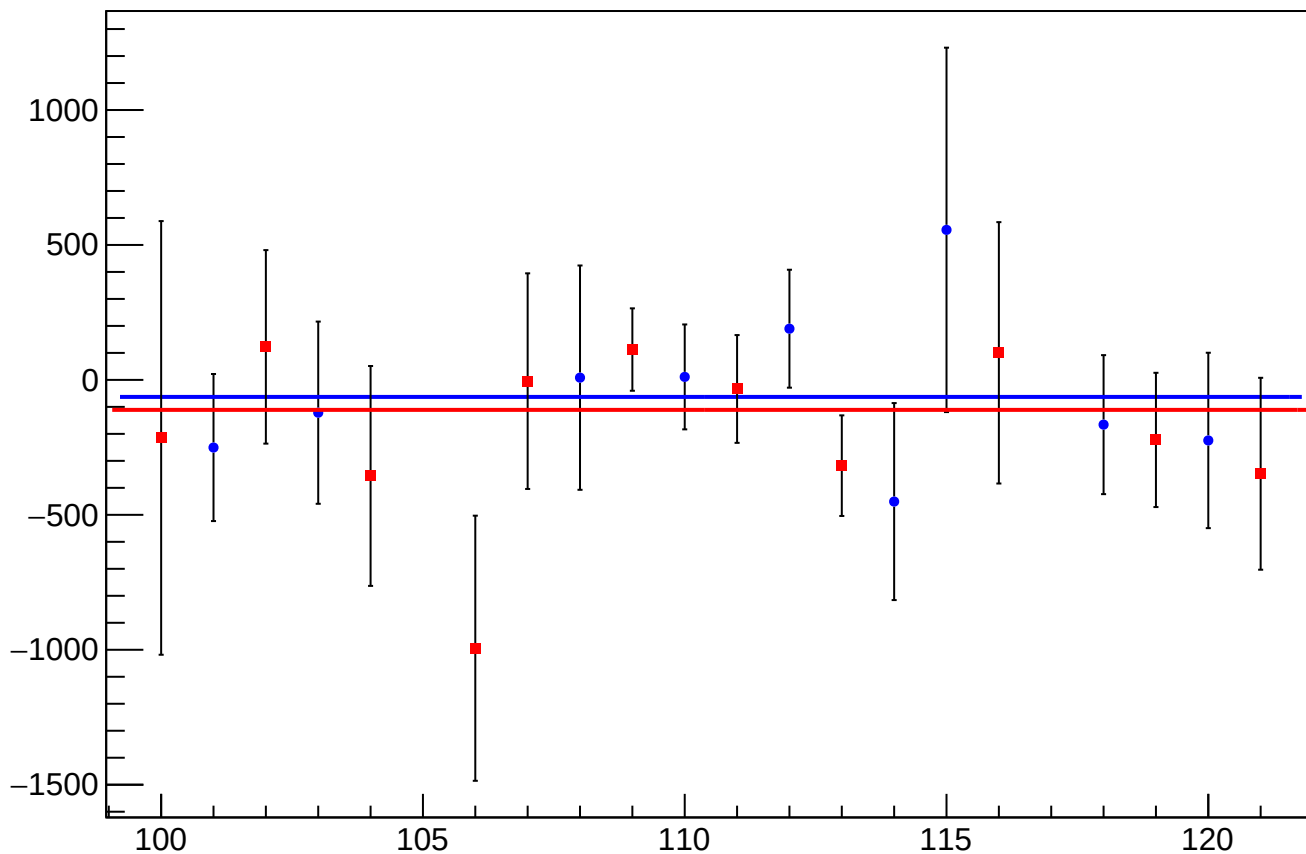
Right: 22.700+/-0.006 χ^2/NDF : 25557.3/19

In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.700+/-0.006 χ^2/NDF : 25557.3/19

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -63.067+/-95.476 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.105+/-81.412 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

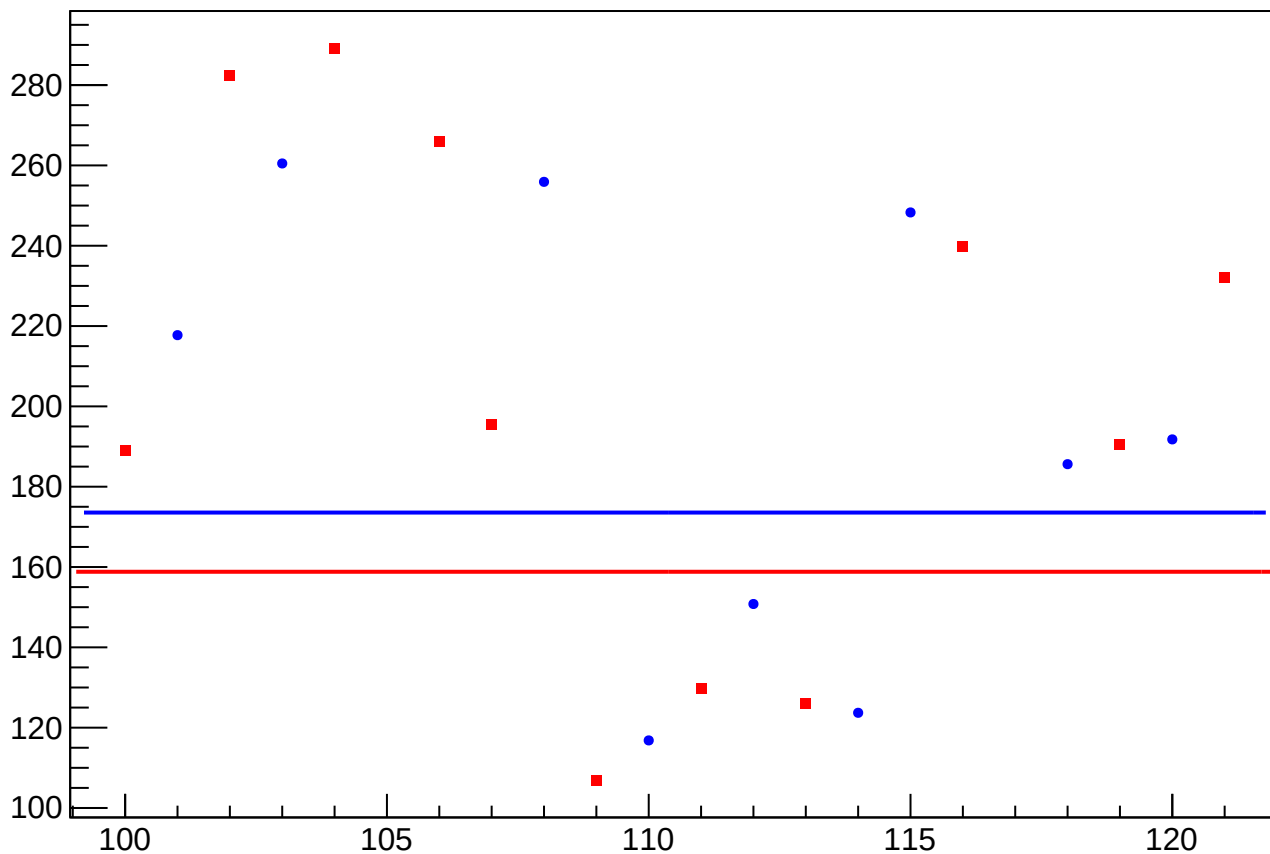
Right: -90.881+/-61.948 χ^2/NDF : 13.0/19

In: -63.067+/-95.476 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.881+/-61.948 χ^2/NDF : 13.0/19

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.819+/-0.058 χ^2/NDF : 1065574.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

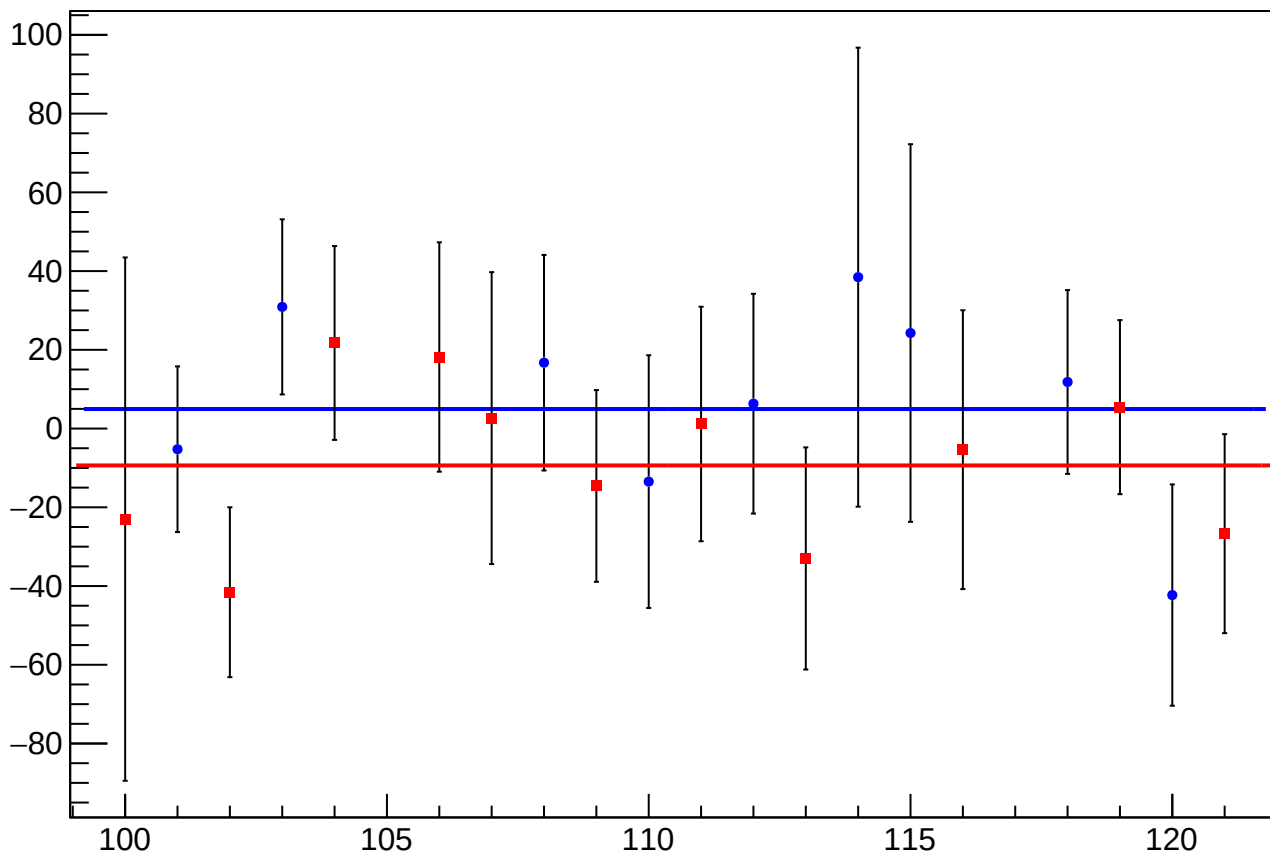
Right: 165.025+/-0.044 χ^2/NDF : 1621525.7/19

In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.025+/-0.044 χ^2/NDF : 1621525.7/19

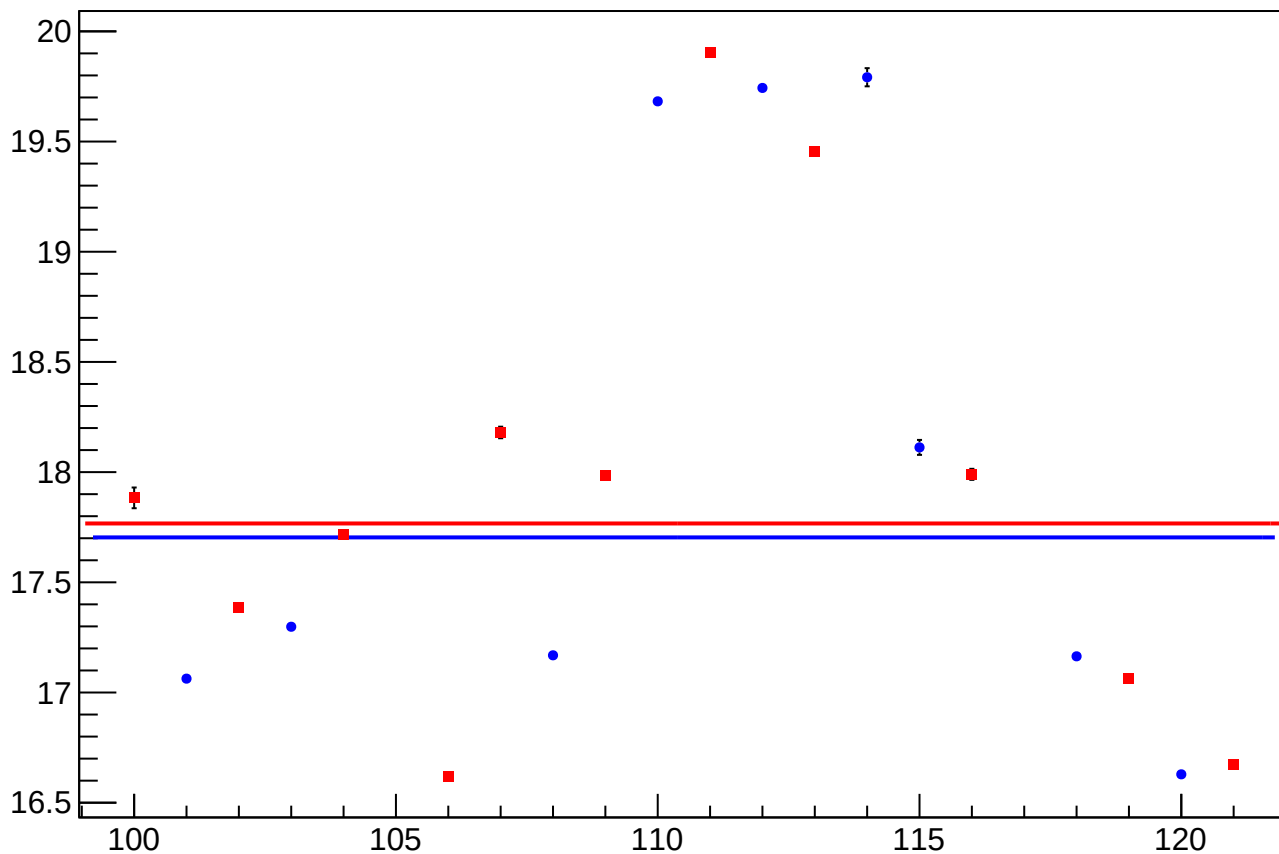
asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 4.962+/-9.246 χ^2/NDF : 5.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -9.366+/-8.330 χ^2/NDF : 6.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.947+/-6.189 χ^2/NDF : 13.5/19
 In: 4.962+/-9.246 χ^2/NDF : 5.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.947+/-6.189 χ^2/NDF : 13.5/19

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.767+/-0.006 χ^2/NDF : 27454.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

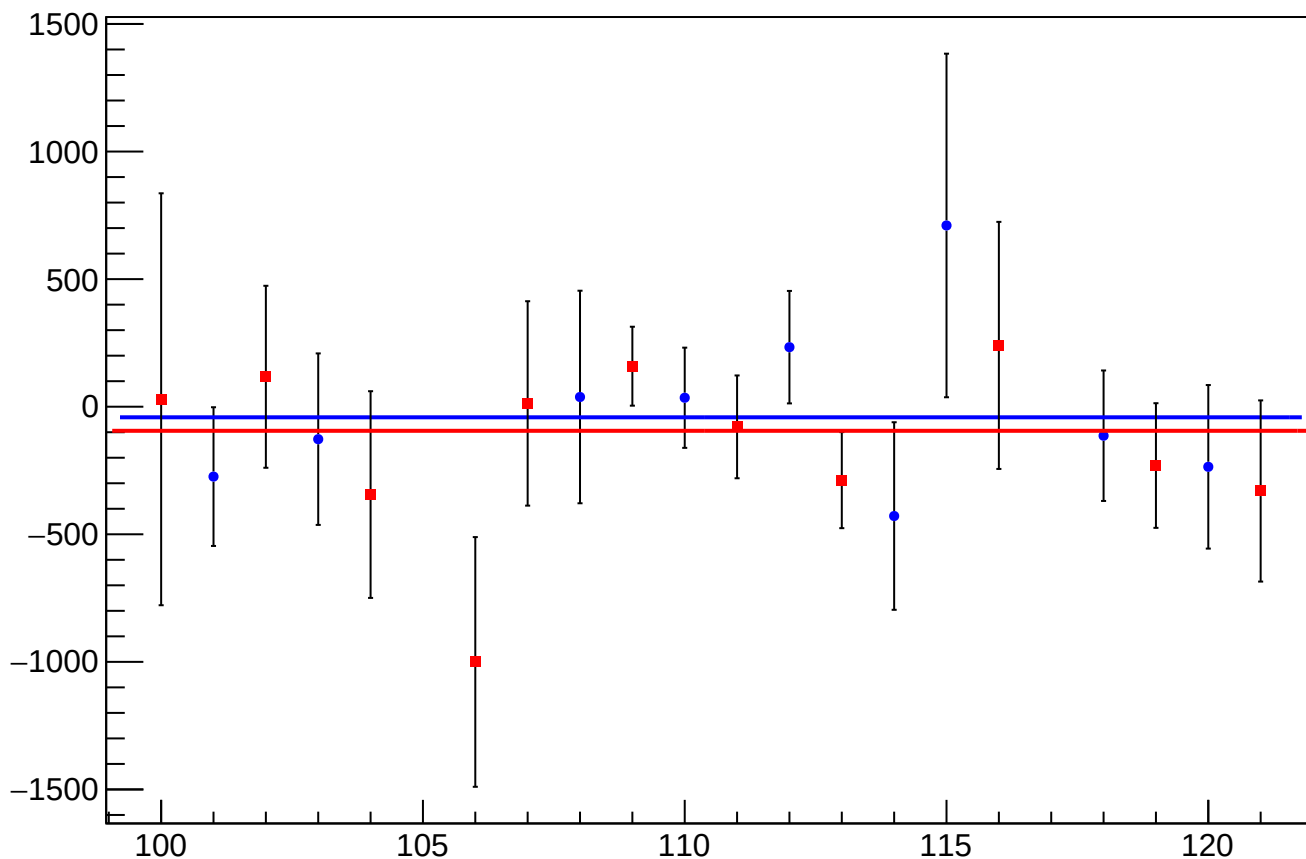
Right: 17.739+/-0.004 χ^2/NDF : 55772.1/19

In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.739+/-0.004 χ^2/NDF : 55772.1/19

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -41.512+/-95.645 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.452+/-81.779 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

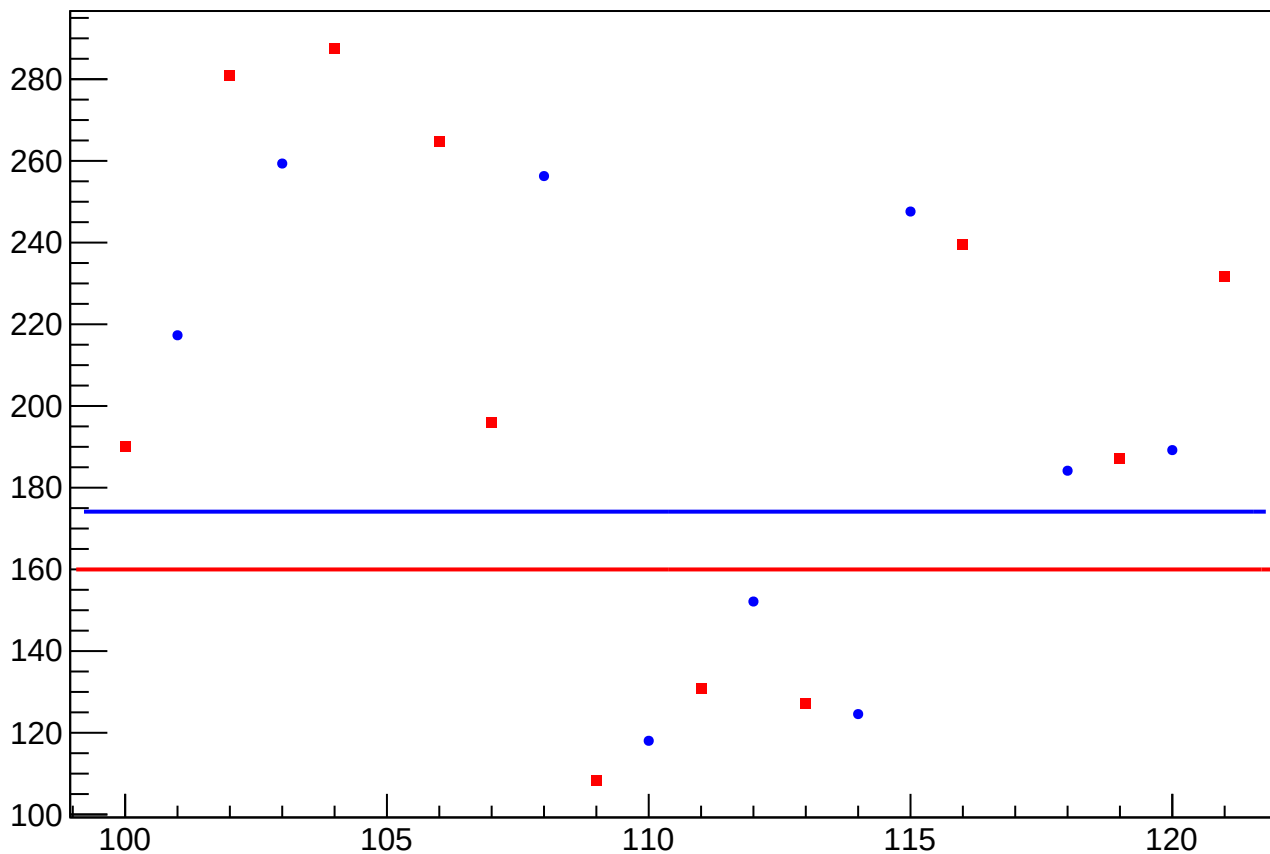
Right: -72.095+/-62.156 χ^2/NDF : 14.7/19

In: -41.512+/-95.645 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.095+/-62.156 χ^2/NDF : 14.7/19

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.982+/-0.058 χ^2/NDF : 1024030.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

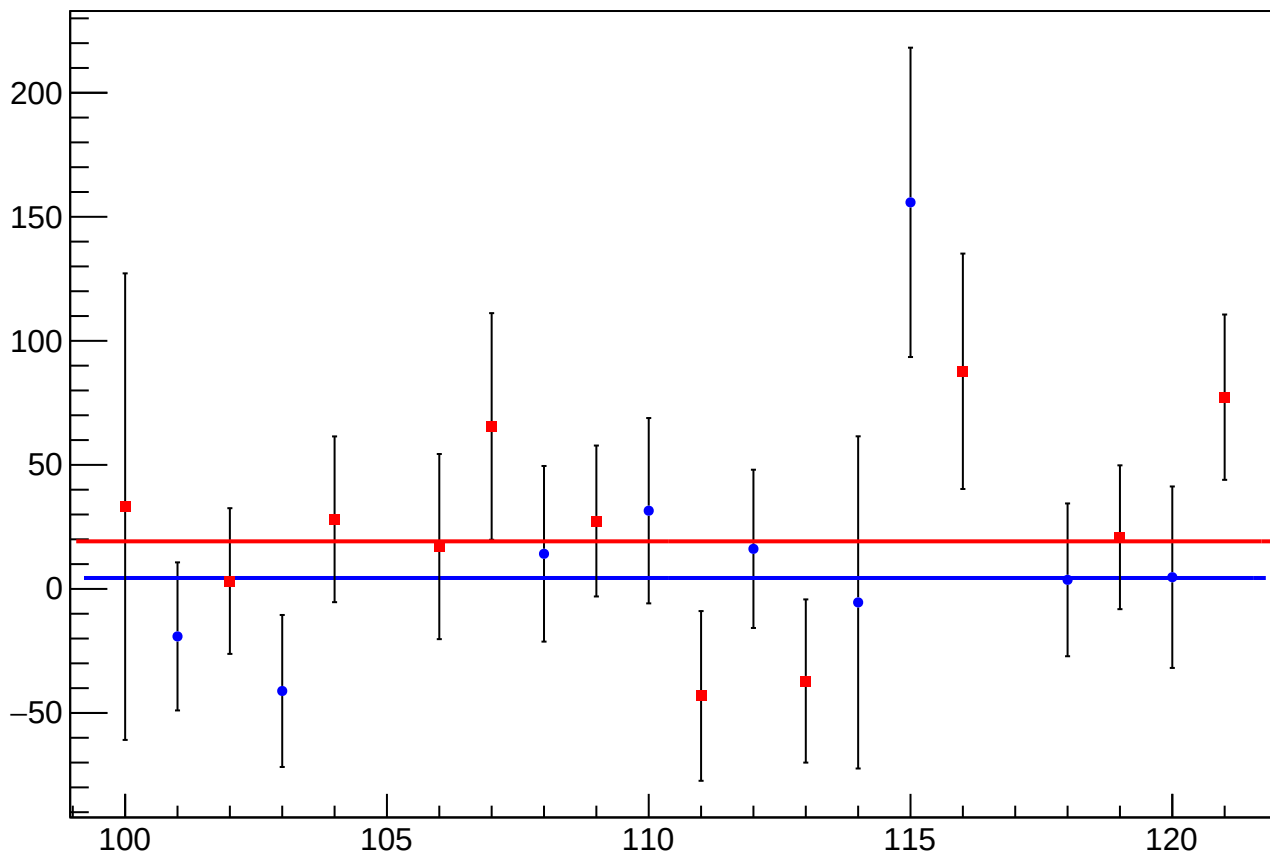
Right: 165.958+/-0.044 χ^2/NDF : 1557011.8/19

In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.958+/-0.044 χ^2/NDF : 1557011.8/19

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.182+/-10.684 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

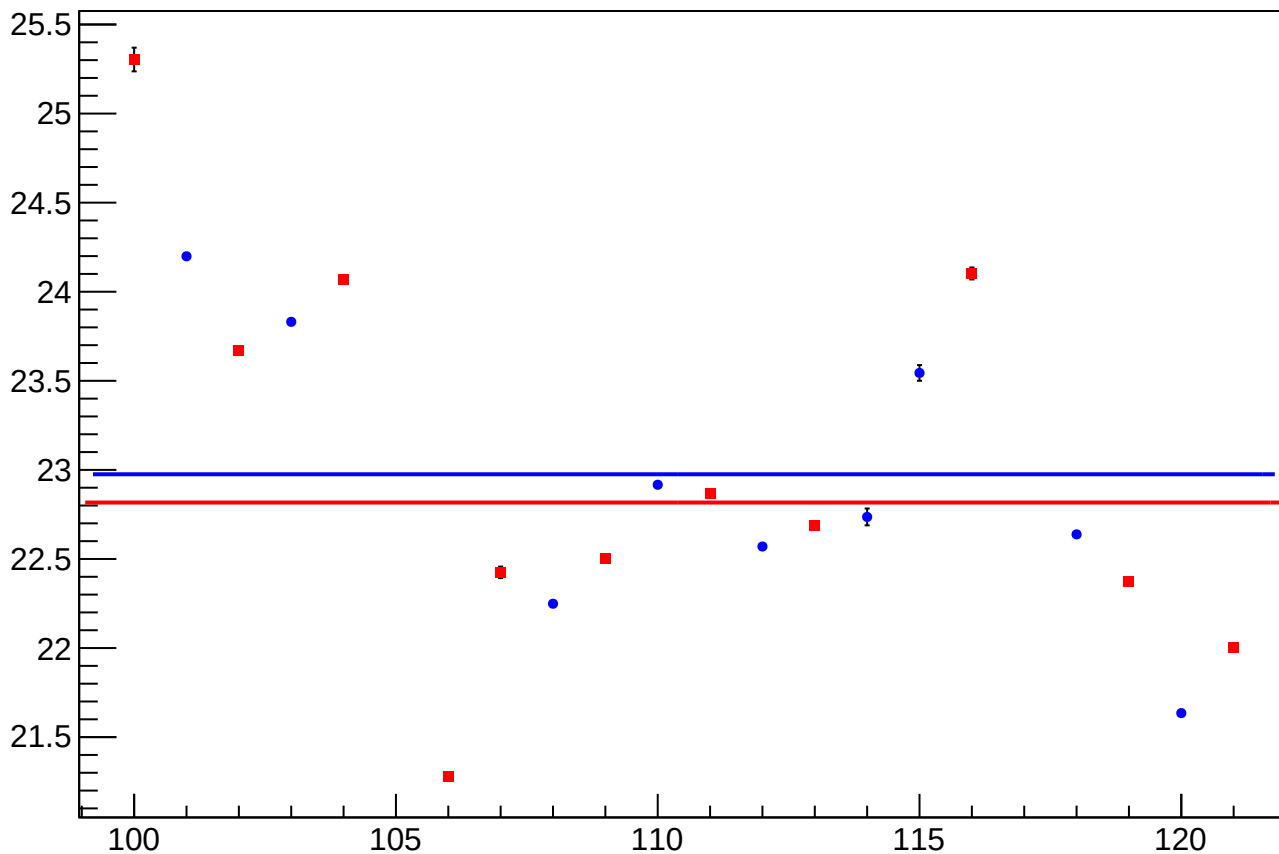
Right: 12.637+/-7.974 χ^2/NDF : 23.2/19

In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.637+/-7.974 χ^2/NDF : 23.2/19

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.817+/-0.008 χ^2/NDF : 12798.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

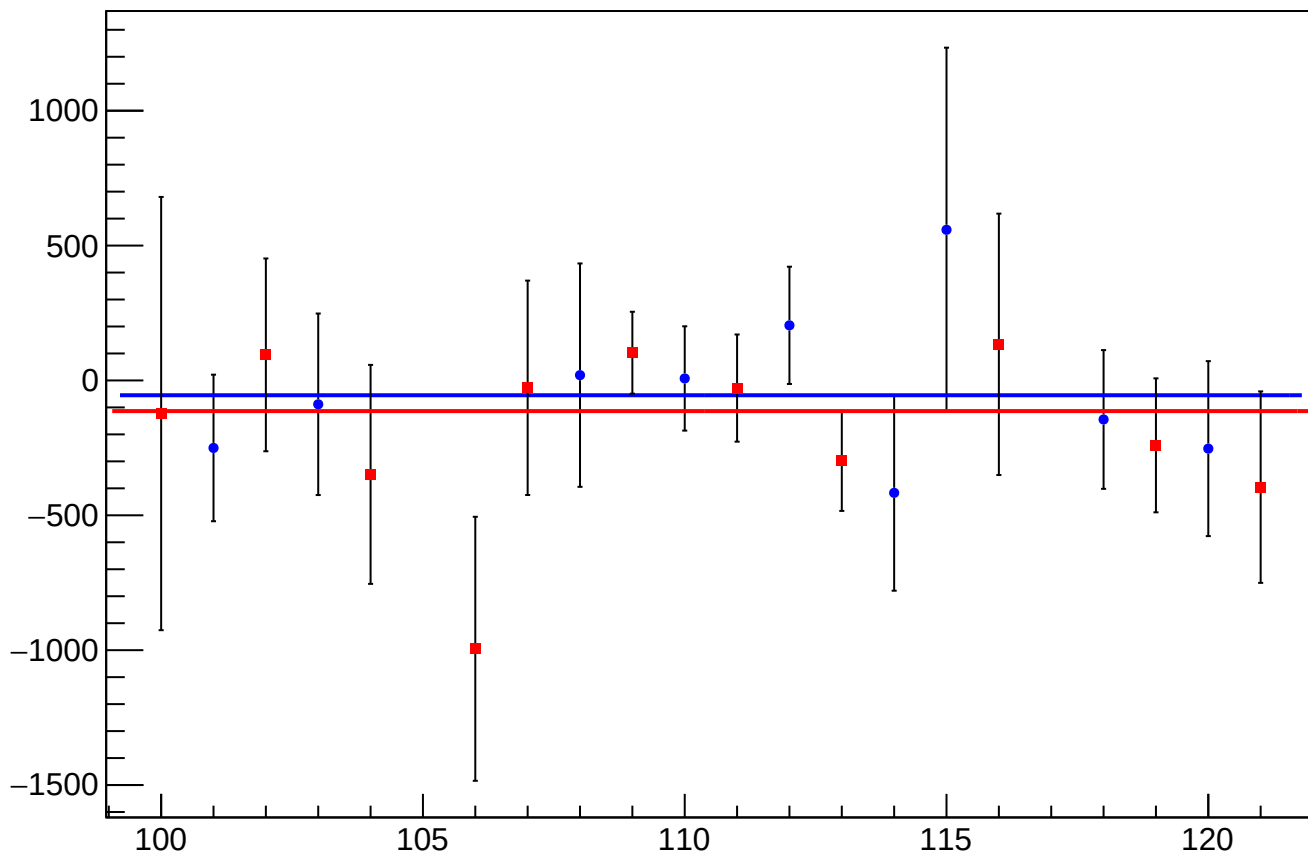
Right: 22.887+/-0.006 χ^2/NDF : 22205.1/19

In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.887+/-0.006 χ^2/NDF : 22205.1/19

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -113.628+/-81.065 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

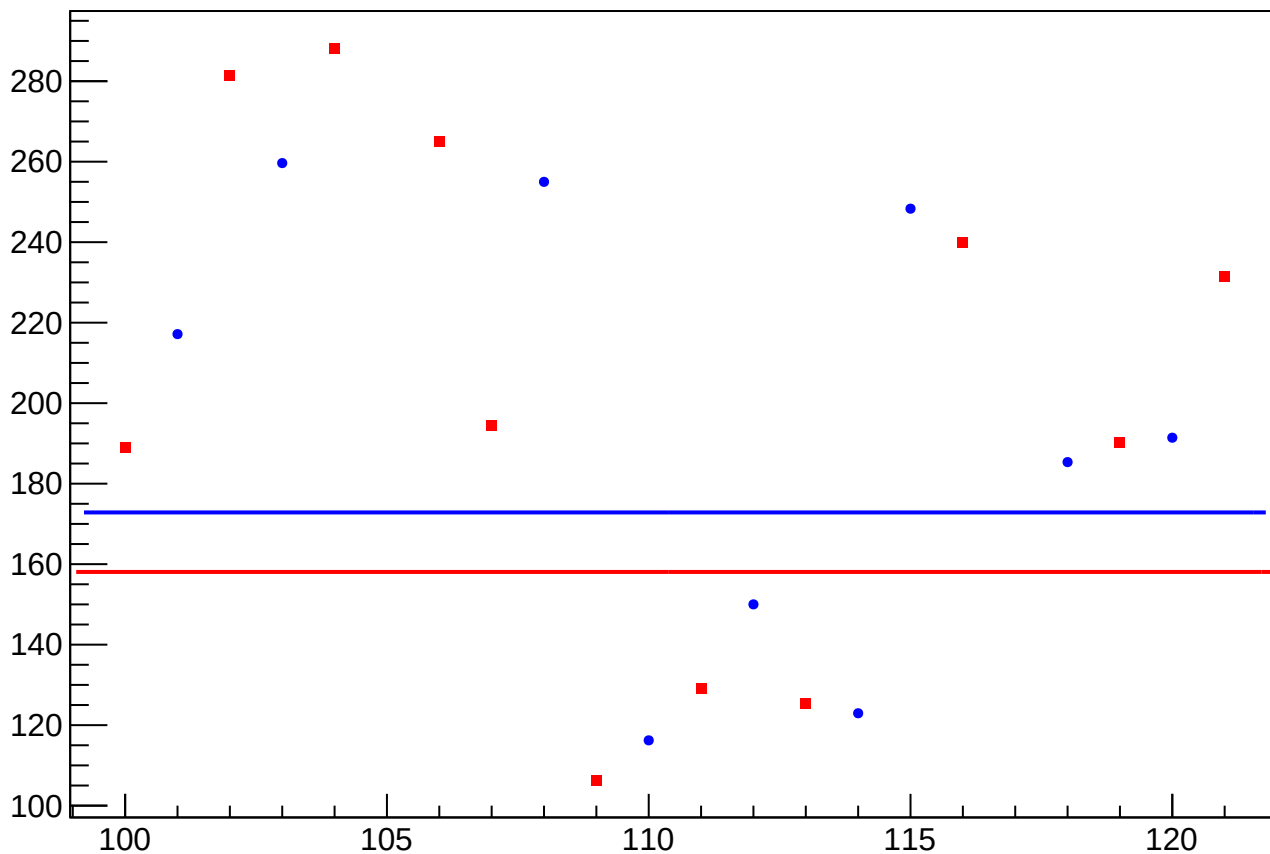
Right: -88.914+/-61.697 χ^2/NDF : 12.9/19

In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.914+/-61.697 χ^2/NDF : 12.9/19

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.067+/-0.057 χ^2/NDF : 1072555.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

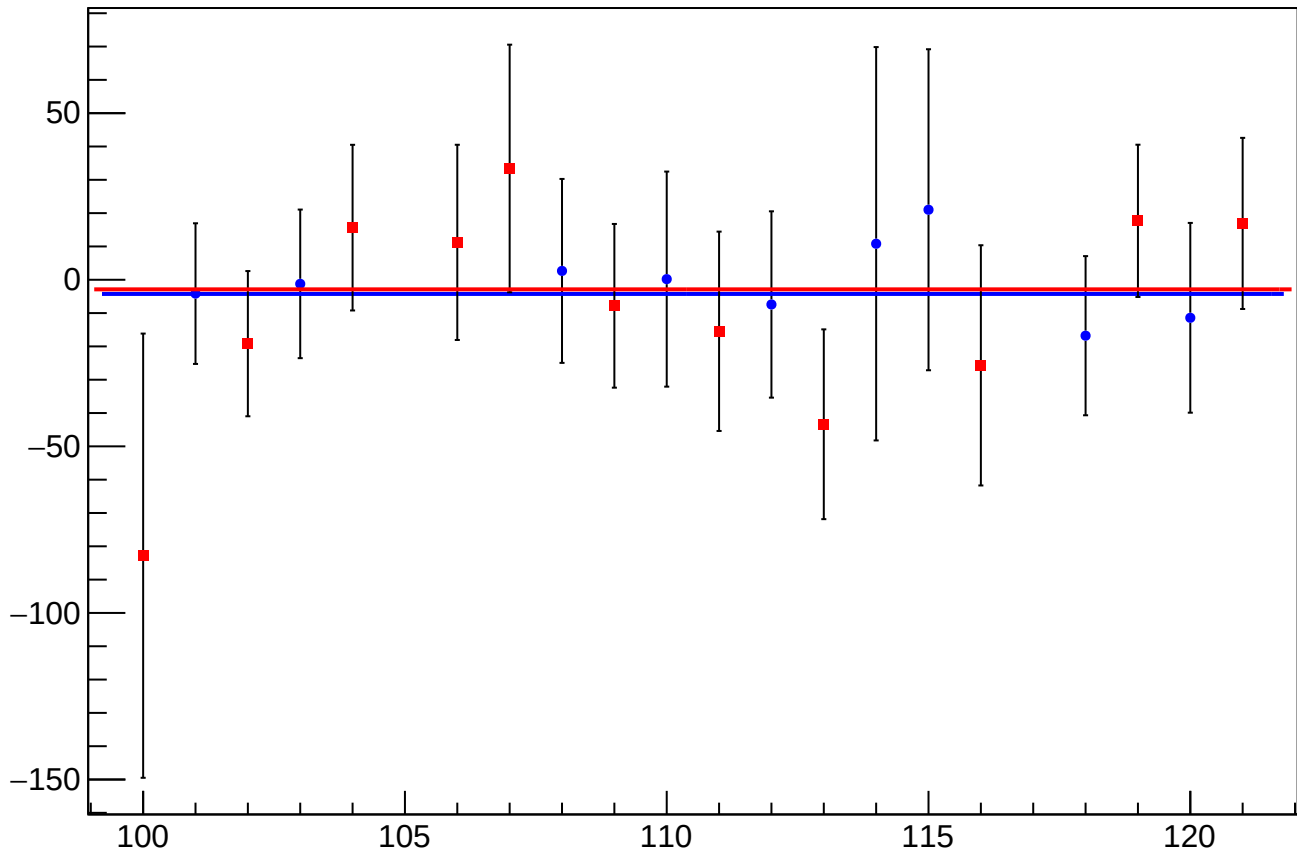
Right: 164.287+/-0.044 χ^2/NDF : 1633221.6/19

In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.287+/-0.044 χ^2/NDF : 1633221.6/19

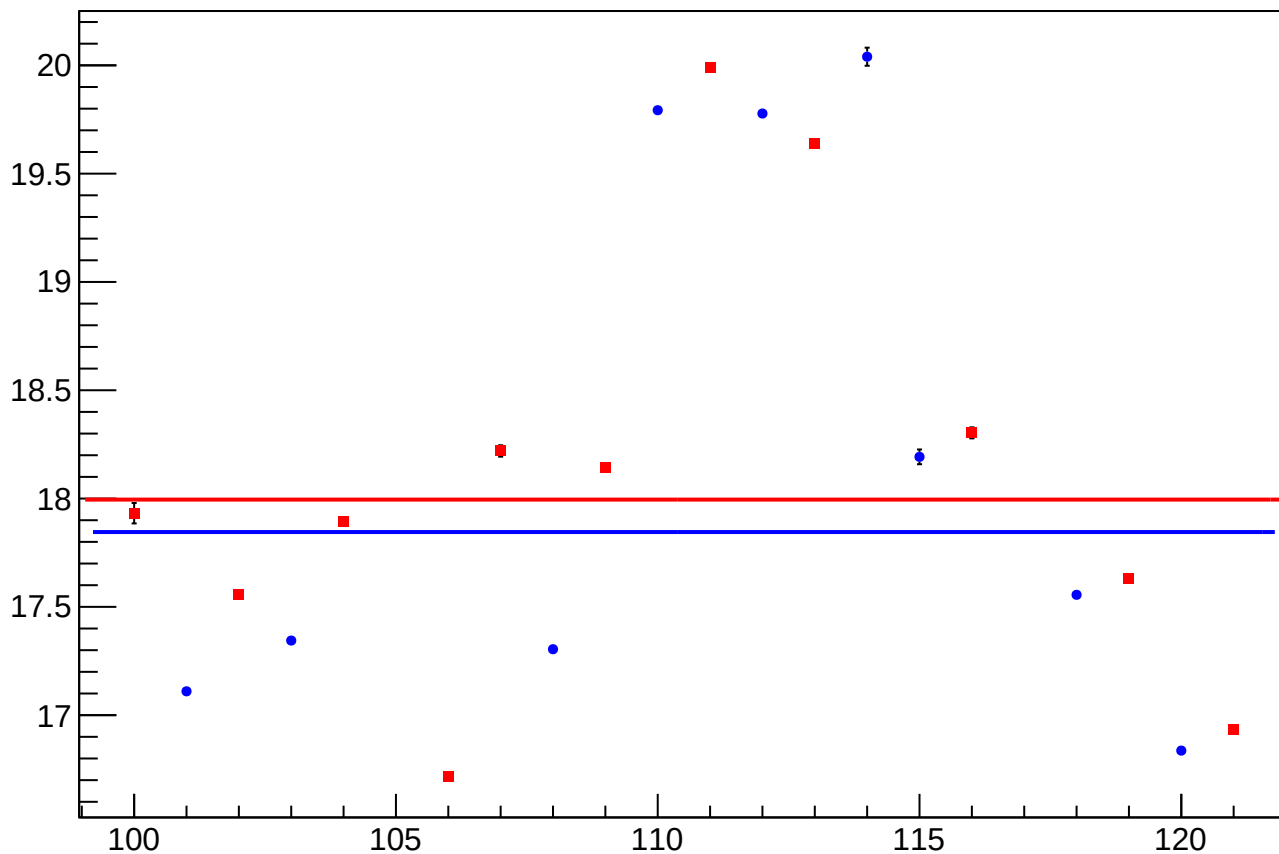
asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.876+/-8.438 χ^2/NDF : 7.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.496+/-6.256 χ^2/NDF : 8.6/19
 In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.496+/-6.256 χ^2/NDF : 8.6/19

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.995+/-0.006 χ^2/NDF : 24413.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

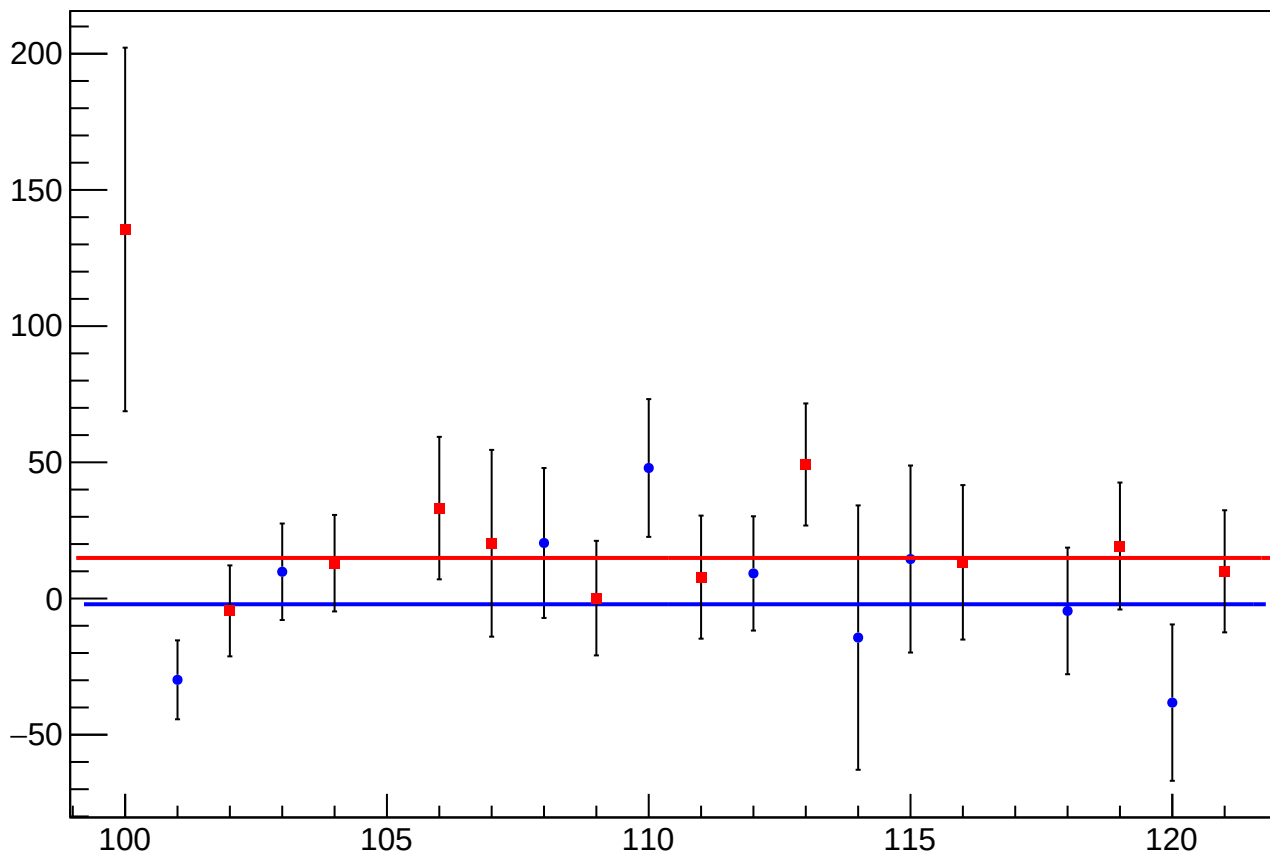
Right: 17.928+/-0.004 χ^2/NDF : 51402.5/19

In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.928+/-0.004 χ^2/NDF : 51402.5/19

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -2.105+/-7.571 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.899+/-6.967 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

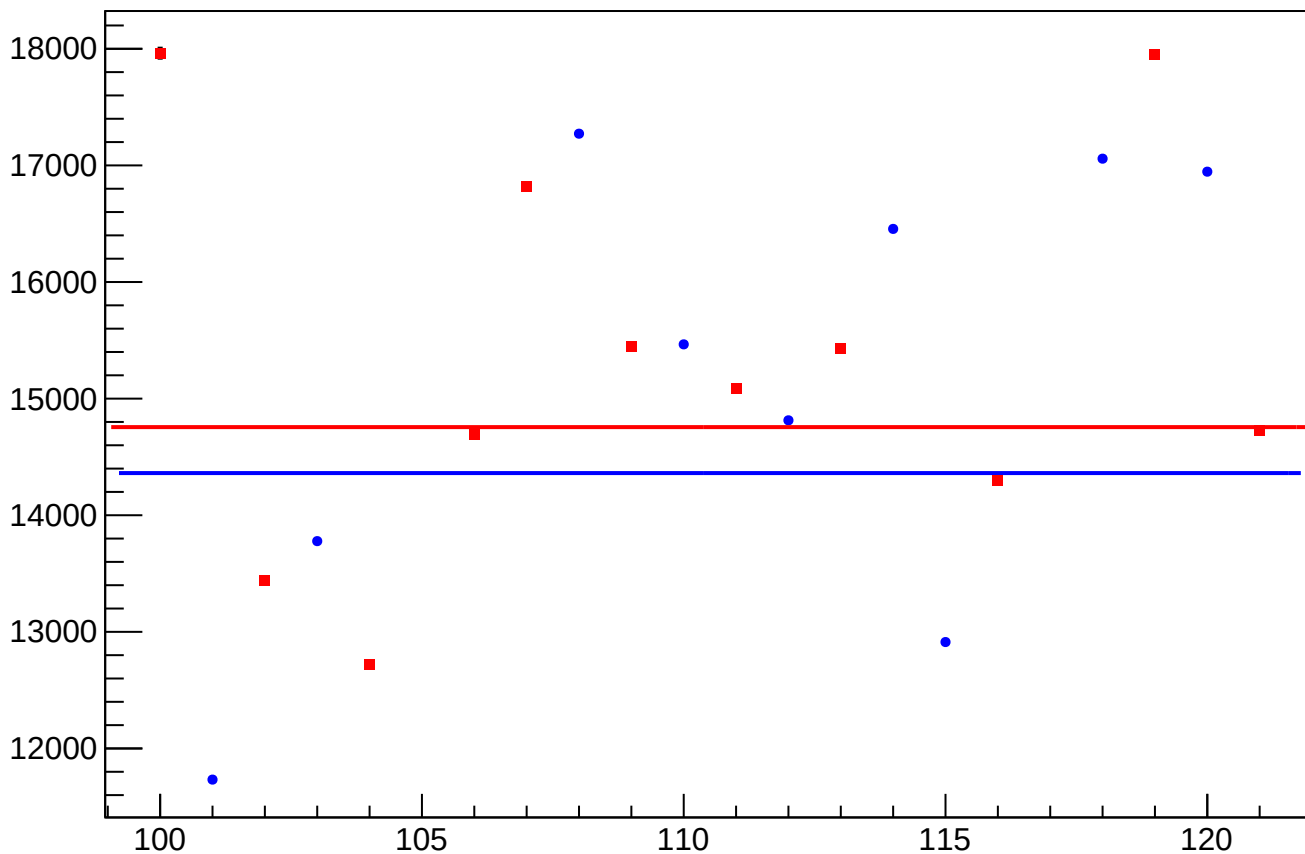
Right: 7.102+/-5.127 χ^2/NDF : 21.8/19

In: -2.105+/-7.571 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.102+/-5.127 χ^2/NDF : 21.8/19

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14361.597+/-5.353 χ^2/NDF : 145558.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14755.757+/-4.927 χ^2/NDF : 93238.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

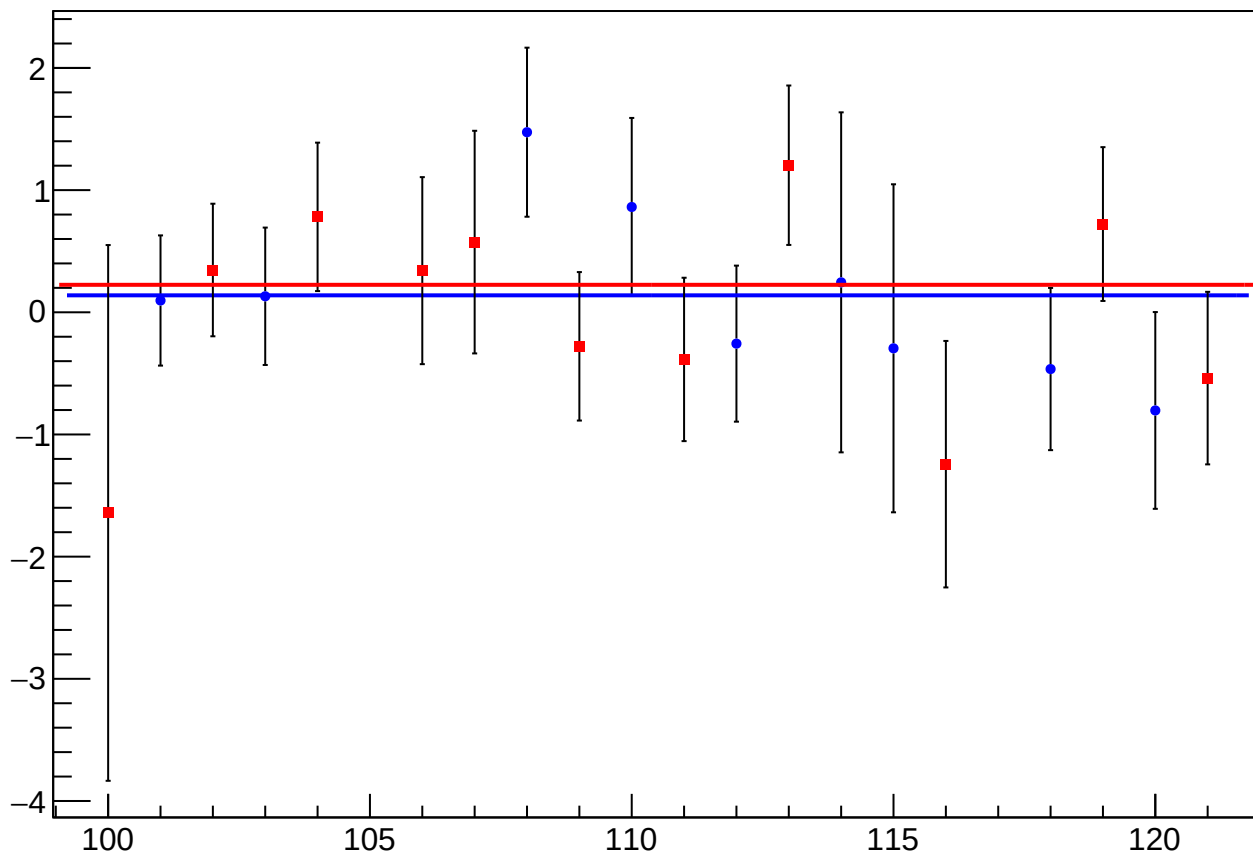
Right: 14575.007+/-3.625 χ^2/NDF : 241732.4/19

In: 14361.597+/-5.353 χ^2/NDF :145558.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14575.007+/-3.625 χ^2/NDF : 241732.4/19

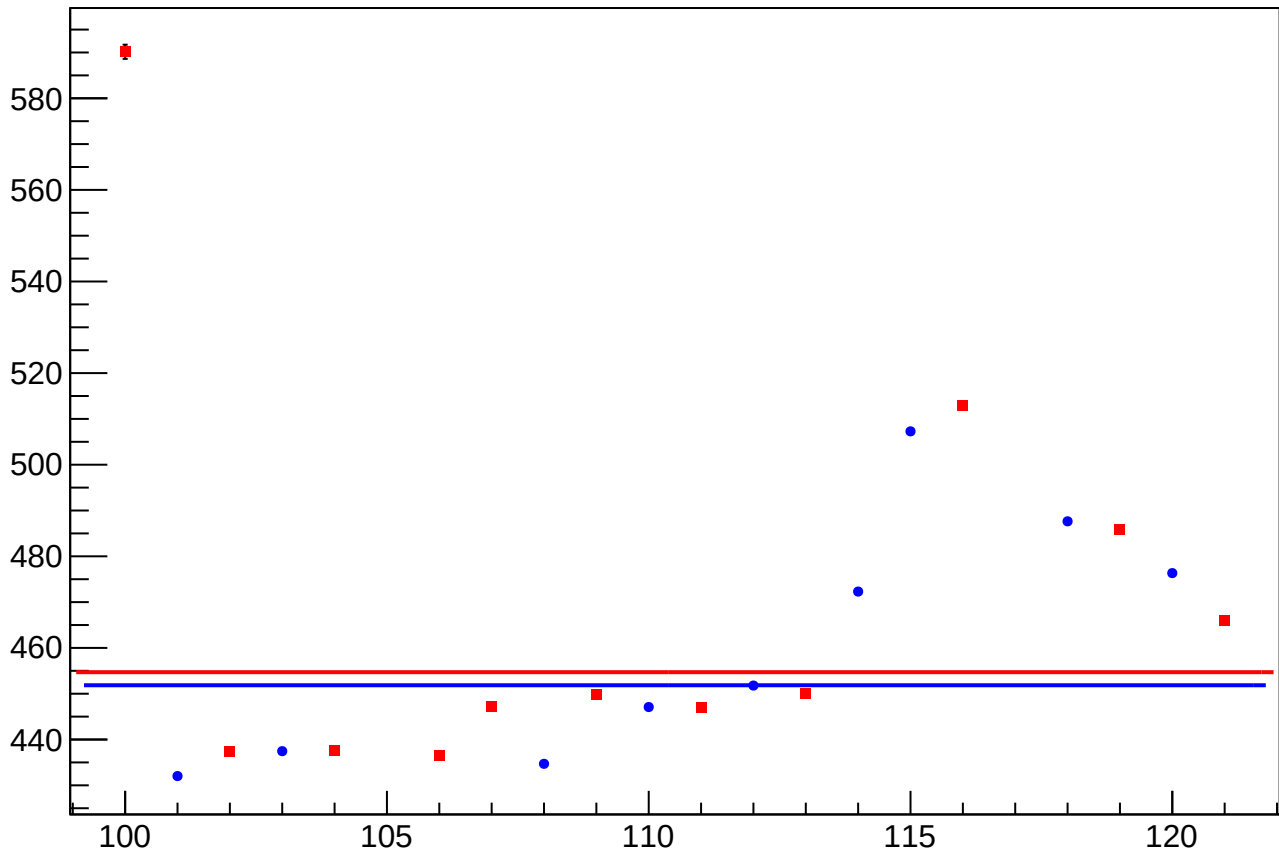
diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.236 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.225+/-0.213 χ^2/NDF : 9.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.186+/-0.158 χ^2/NDF : 16.9/19
 In: 0.139+/-0.236 χ^2/NDF : 7.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.186+/-0.158 χ^2/NDF : 16.9/19

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 451.849+/-0.167 χ^2/NDF : 16900.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.703+/-0.151 χ^2/NDF : 25013.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

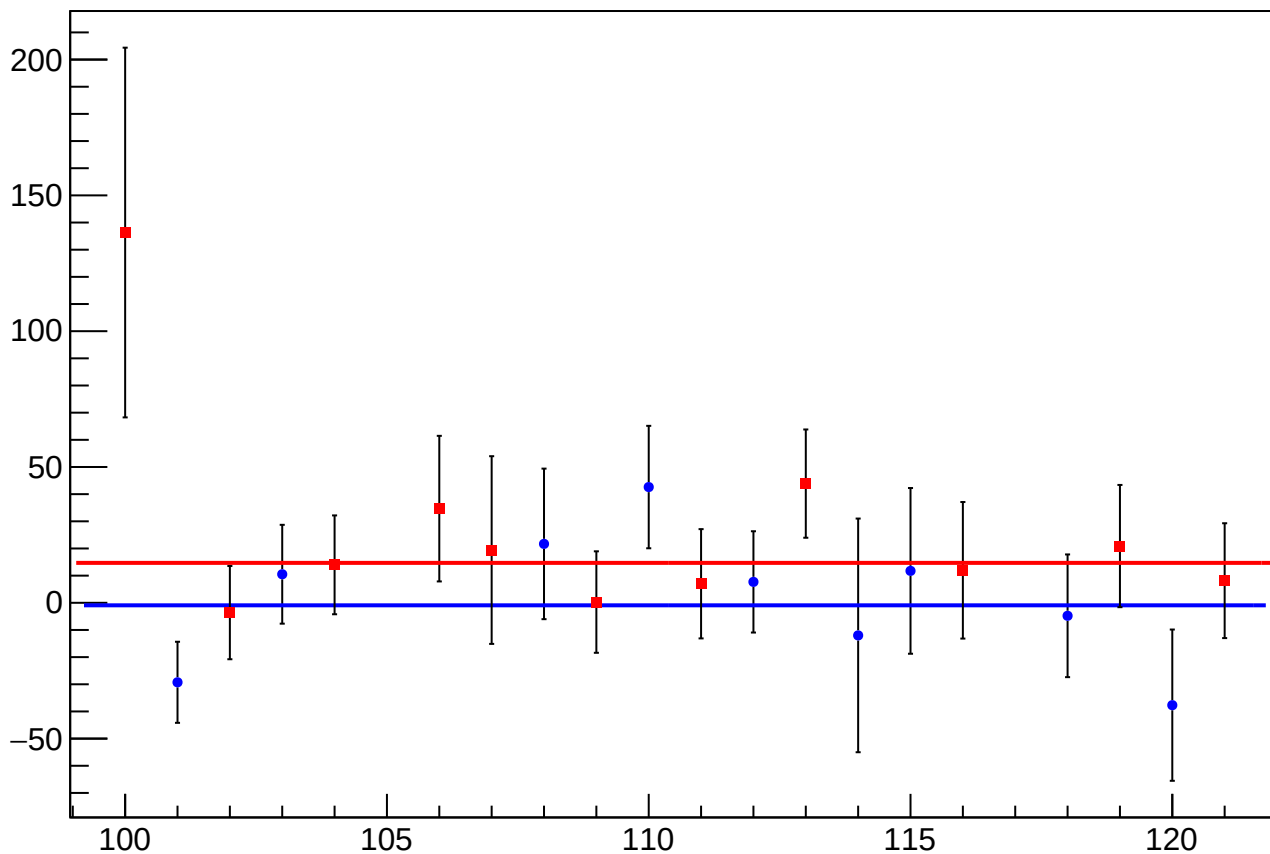
Right: 453.420+/-0.112 χ^2/NDF : 42075.2/19

In: 451.849+/-0.167 χ^2/NDF : 16900.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.420+/-0.112 χ^2/NDF : 42075.2/19

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -0.927 ± 7.348 χ^2/NDF : 10.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.699 ± 6.665 χ^2/NDF : 8.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

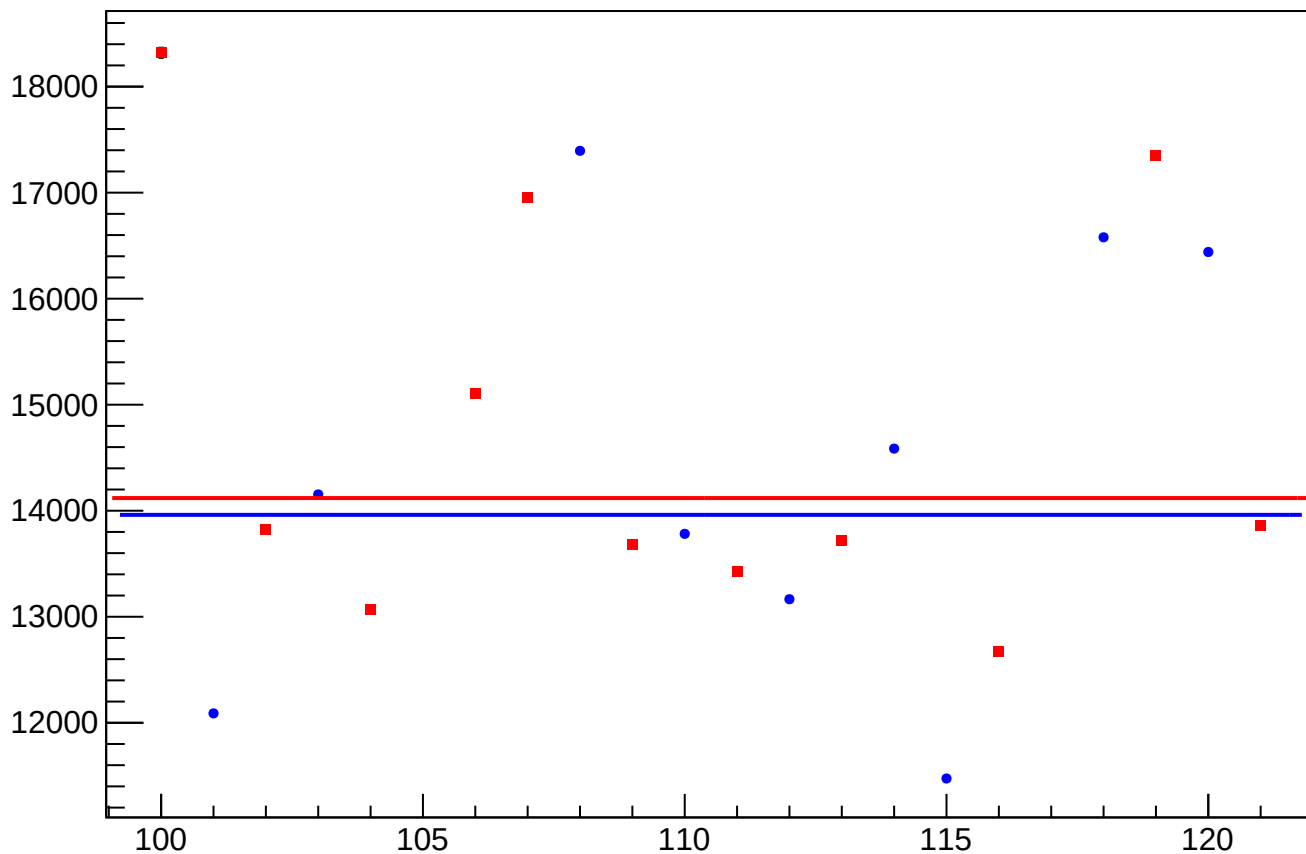
Right: 7.646 ± 4.937 χ^2/NDF : 21.1/19

In: -0.927 ± 7.348 χ^2/NDF : 10.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.646 ± 4.937 χ^2/NDF : 21.1/19

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13961.096+/-5.196 χ^2/NDF : 122587.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14119.364+/-4.713 χ^2/NDF : 83410.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

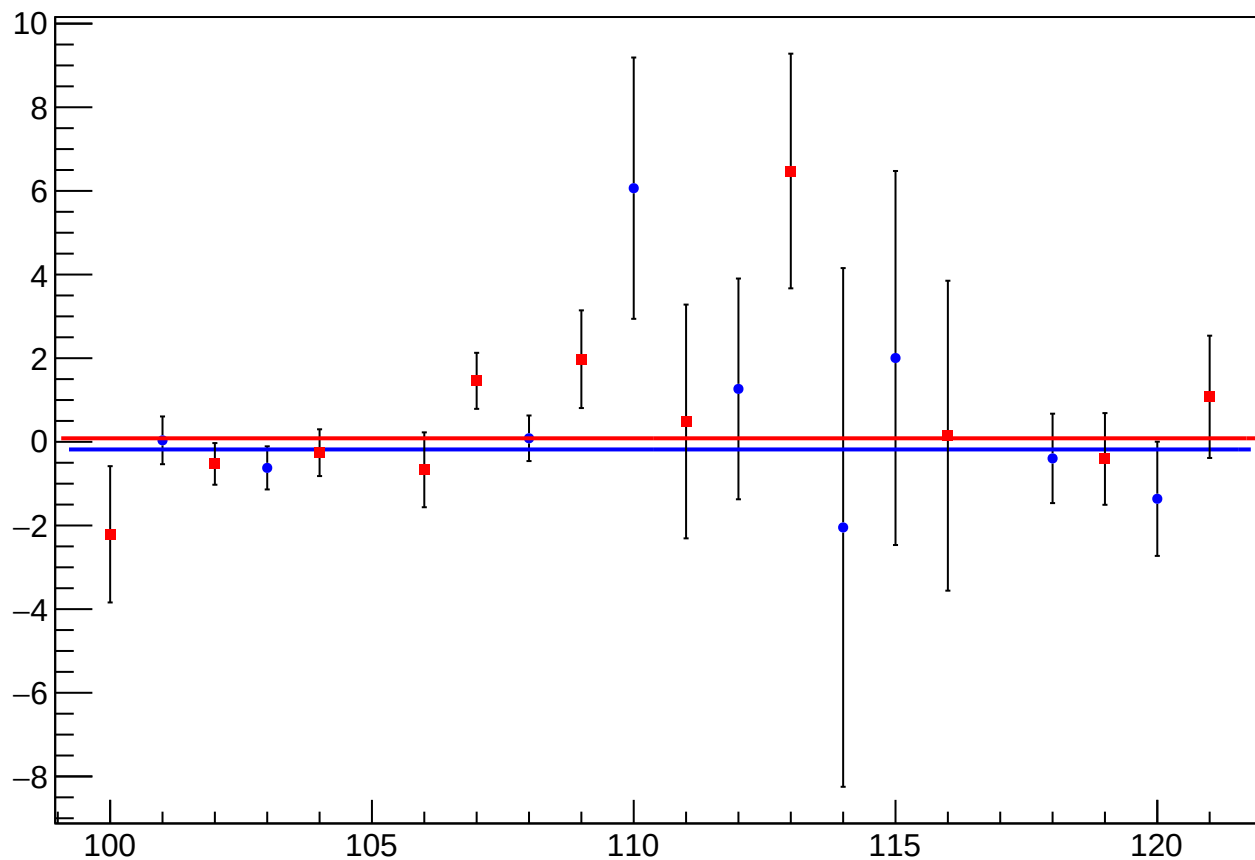
Right: 14047.923+/-3.491 χ^2/NDF : 206506.4/19

In: 13961.096+/-5.196 χ^2/NDF : 122587.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14047.923+/-3.491 χ^2/NDF : 206506.4/19

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.182 ± 0.289 χ^2/NDF : 6.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.085 ± 0.273 χ^2/NDF : 17.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

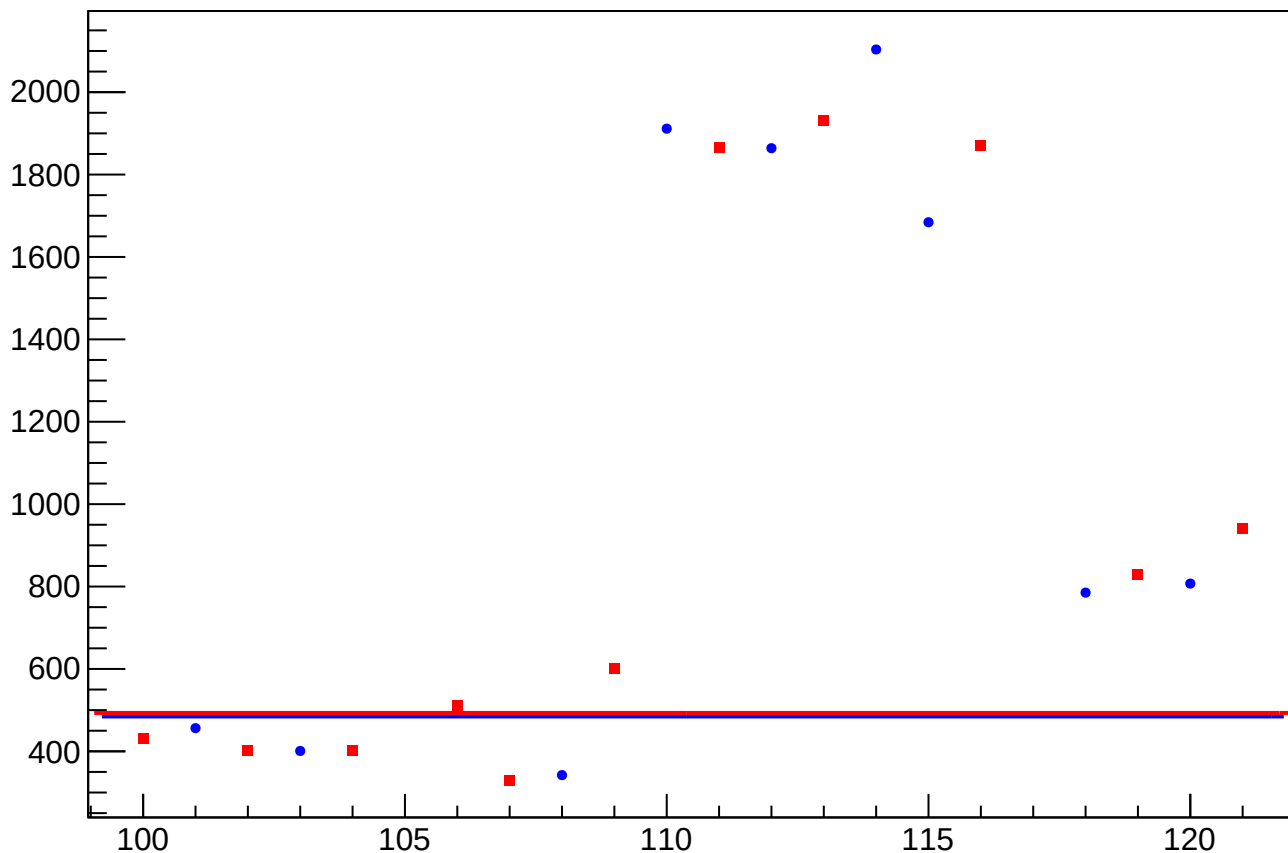
Right: -0.041 ± 0.199 χ^2/NDF : 24.3/19

In: -0.182 ± 0.289 χ^2/NDF : 6.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.199 χ^2/NDF : 24.3/19

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 484.670+/-0.205 χ^2/NDF : 1707753.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 493.211+/-0.193 χ^2/NDF : 1924709.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

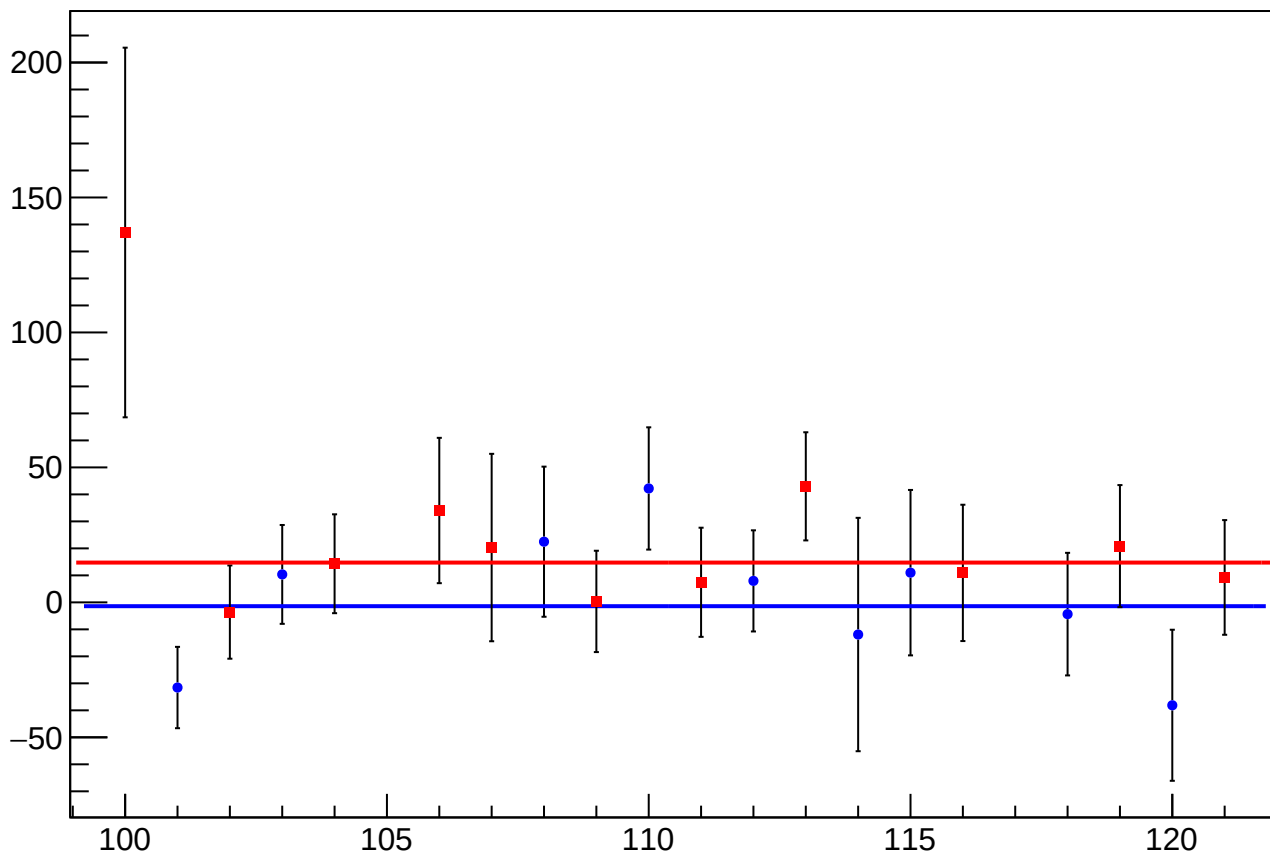
Right: 489.193+/-0.140 χ^2/NDF : 3633384.7/19

In: 484.670+/-0.205 χ^2/NDF : 1707753.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.193+/-0.140 χ^2/NDF : 3633384.7/19

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -1.416+/-7.393 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.741+/-6.701 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

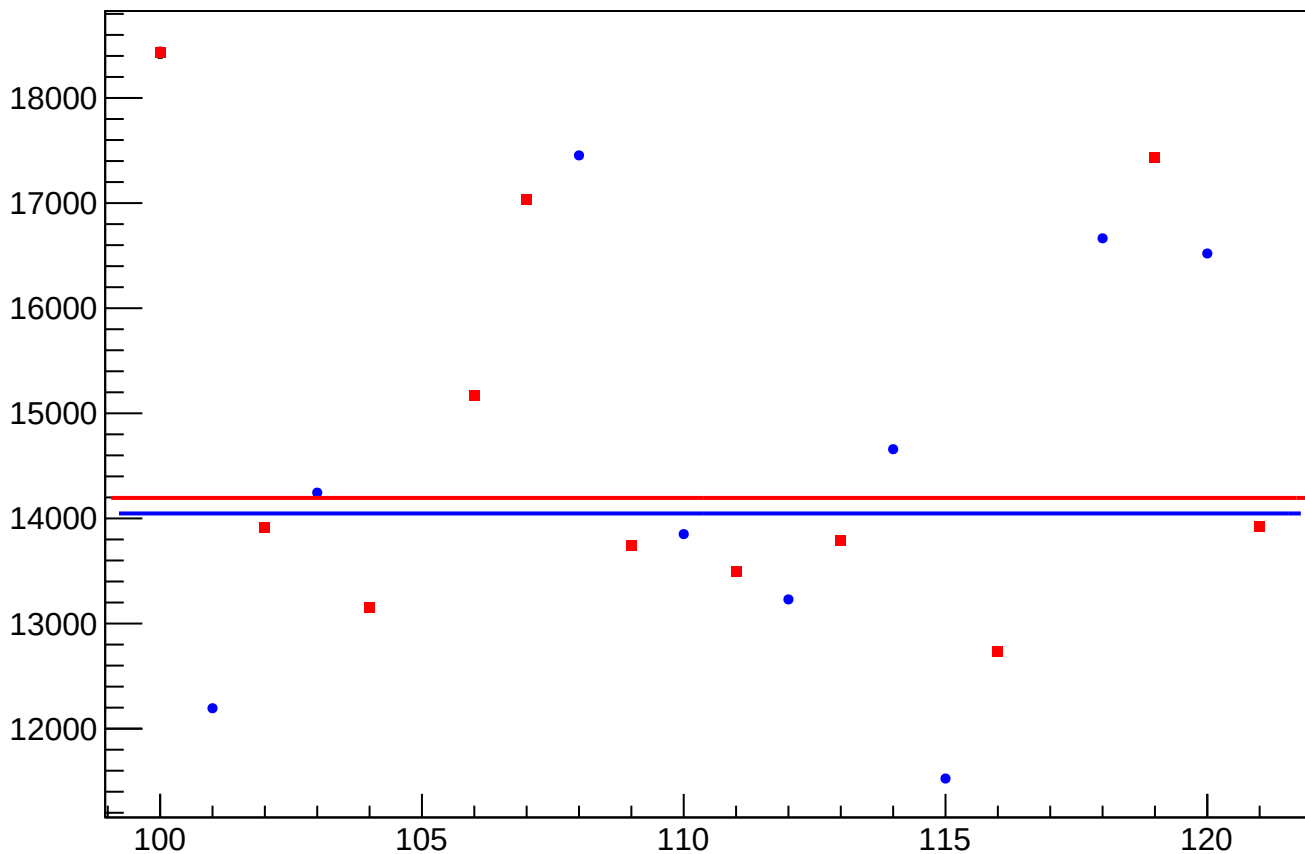
Right: 7.455+/-4.965 χ^2/NDF : 21.4/19

In: -1.416+/-7.393 χ^2/NDF :11.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.455+/-4.965 χ^2/NDF : 21.4/19

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14047.416+/-5.228 χ^2/NDF : 120599.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14195.171+/-4.738 χ^2/NDF : 83104.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

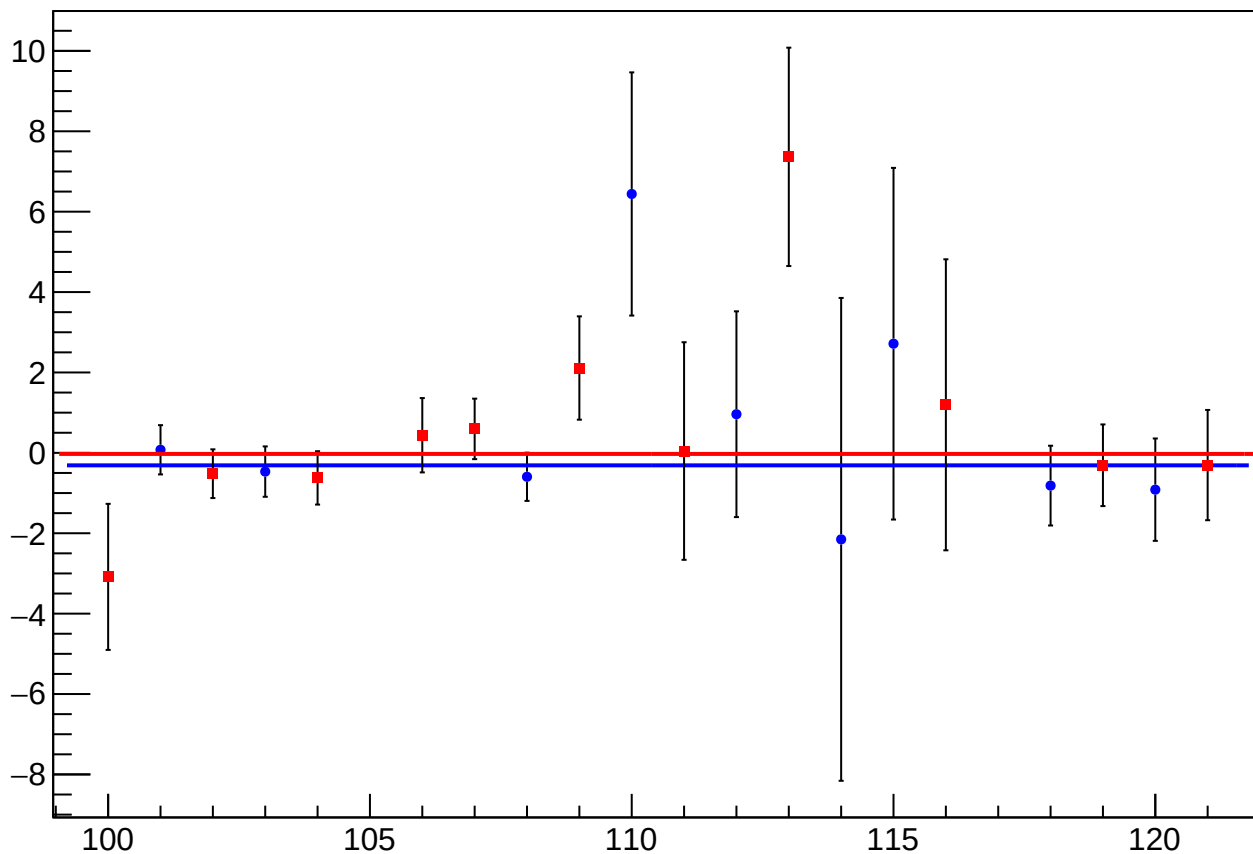
Right: 14128.537+/-3.511 χ^2/NDF : 204142.1/19

In: 14047.416+/-5.228 χ^2/NDF : 120599.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14128.537+/-3.511 χ^2/NDF : 204142.1/19

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.311 ± 0.317 χ^2/NDF : 7.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.026 ± 0.306 χ^2/NDF : 15.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

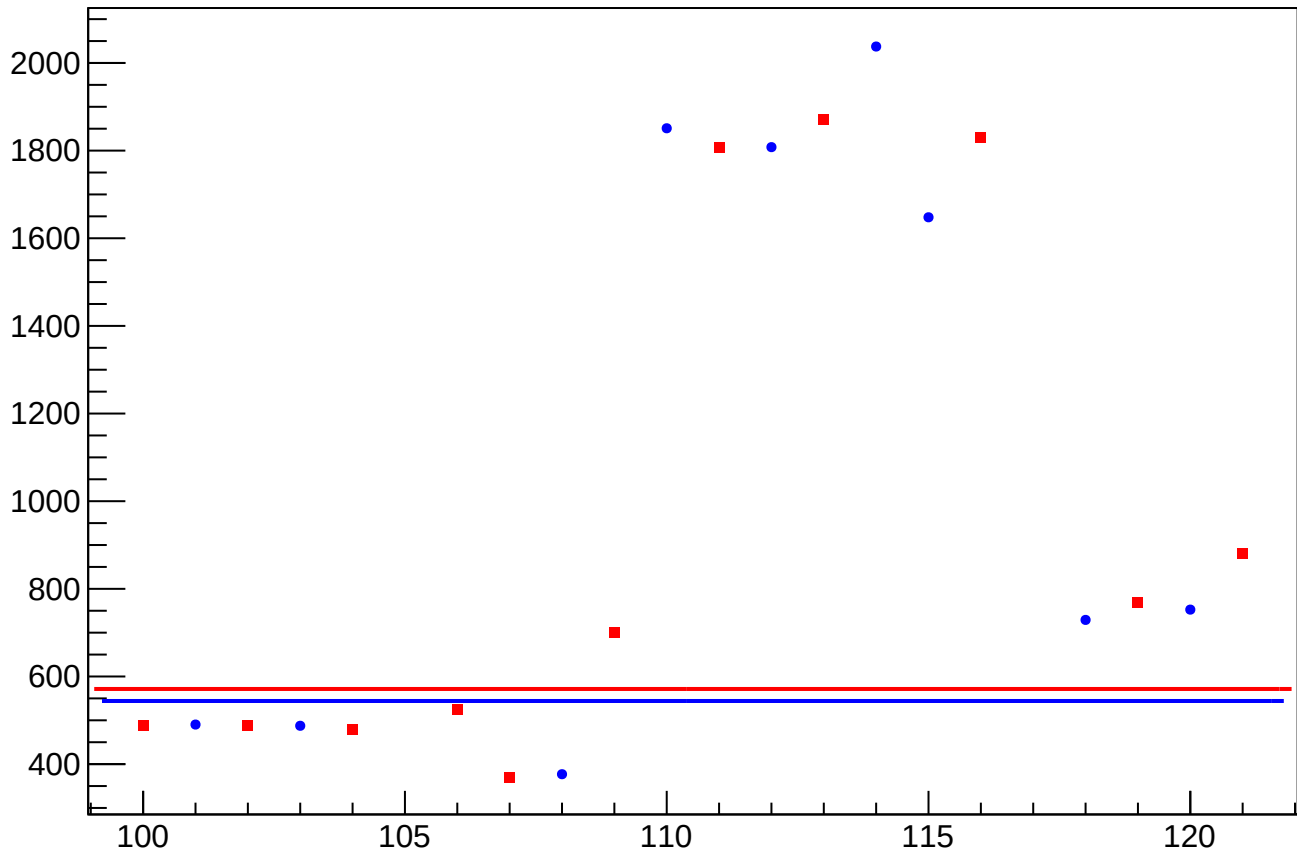
Right: -0.164 ± 0.220 χ^2/NDF : 23.0/19

In: -0.311 ± 0.317 χ^2/NDF : 7.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.164 ± 0.220 χ^2/NDF : 23.0/19

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 544.085+/-0.224 χ^2/NDF : 1421801.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 571.528+/-0.216 χ^2/NDF : 1543240.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

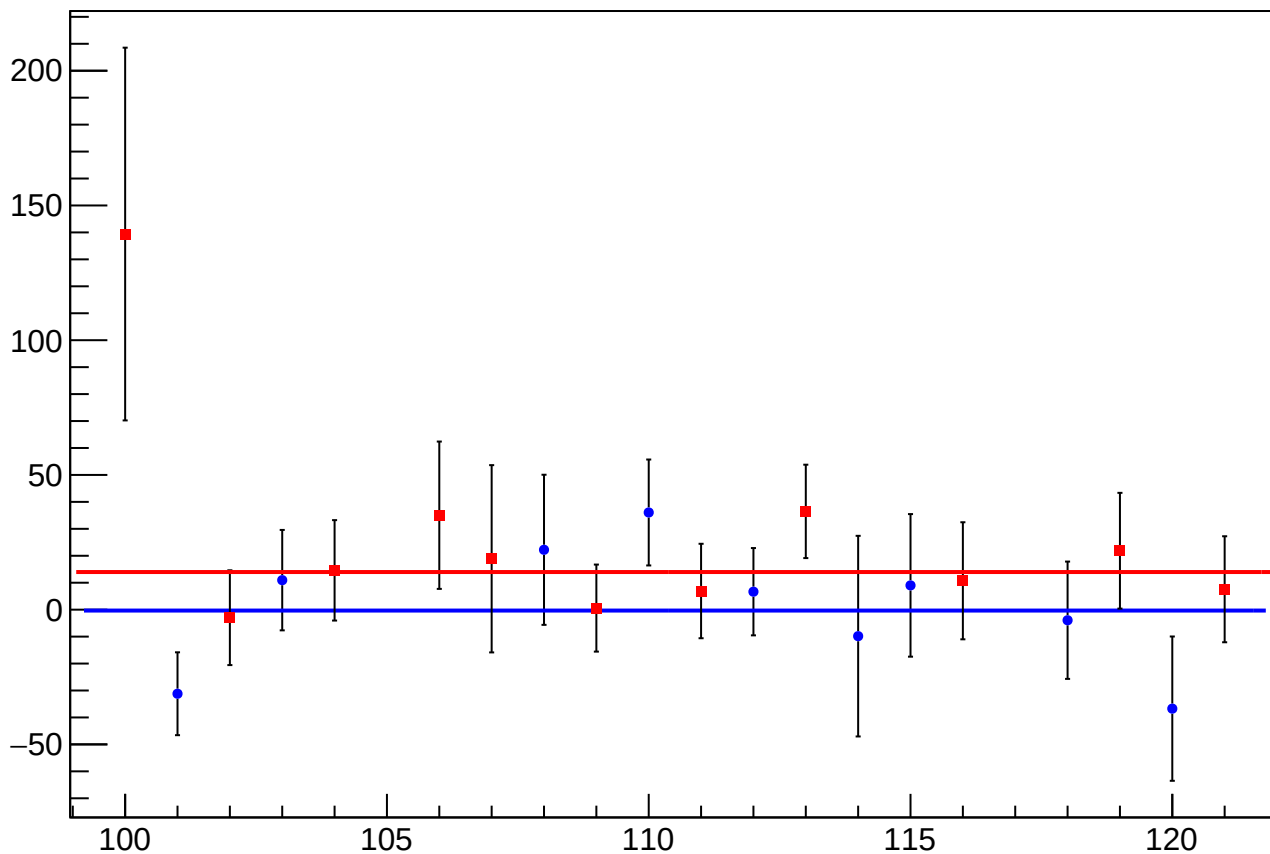
Right: 558.287+/-0.156 χ^2/NDF : 2972807.9/19

In: 544.085+/-0.224 χ^2/NDF :1421801.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 558.287+/-0.156 χ^2/NDF : 2972807.9/19

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -0.331 ± 6.992 χ^2/NDF : 10.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.964 ± 6.228 χ^2/NDF : 7.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

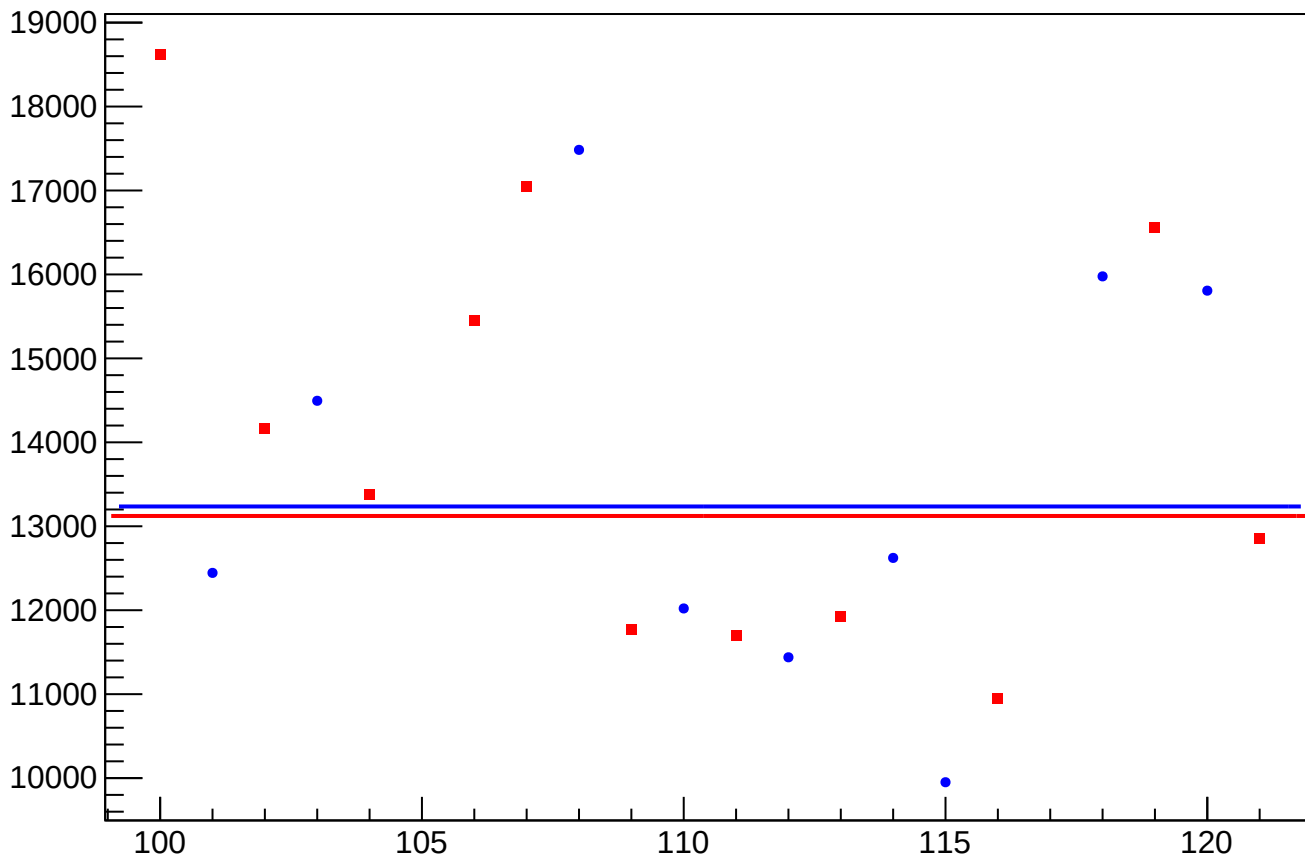
Right: 7.640 ± 4.651 χ^2/NDF : 20.7/19

In: -0.331 ± 6.992 χ^2/NDF : 10.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.640 ± 4.651 χ^2/NDF : 20.7/19

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13235.861+/-4.944 χ^2/NDF : 174711.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13122.681+/-4.404 χ^2/NDF : 168274.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

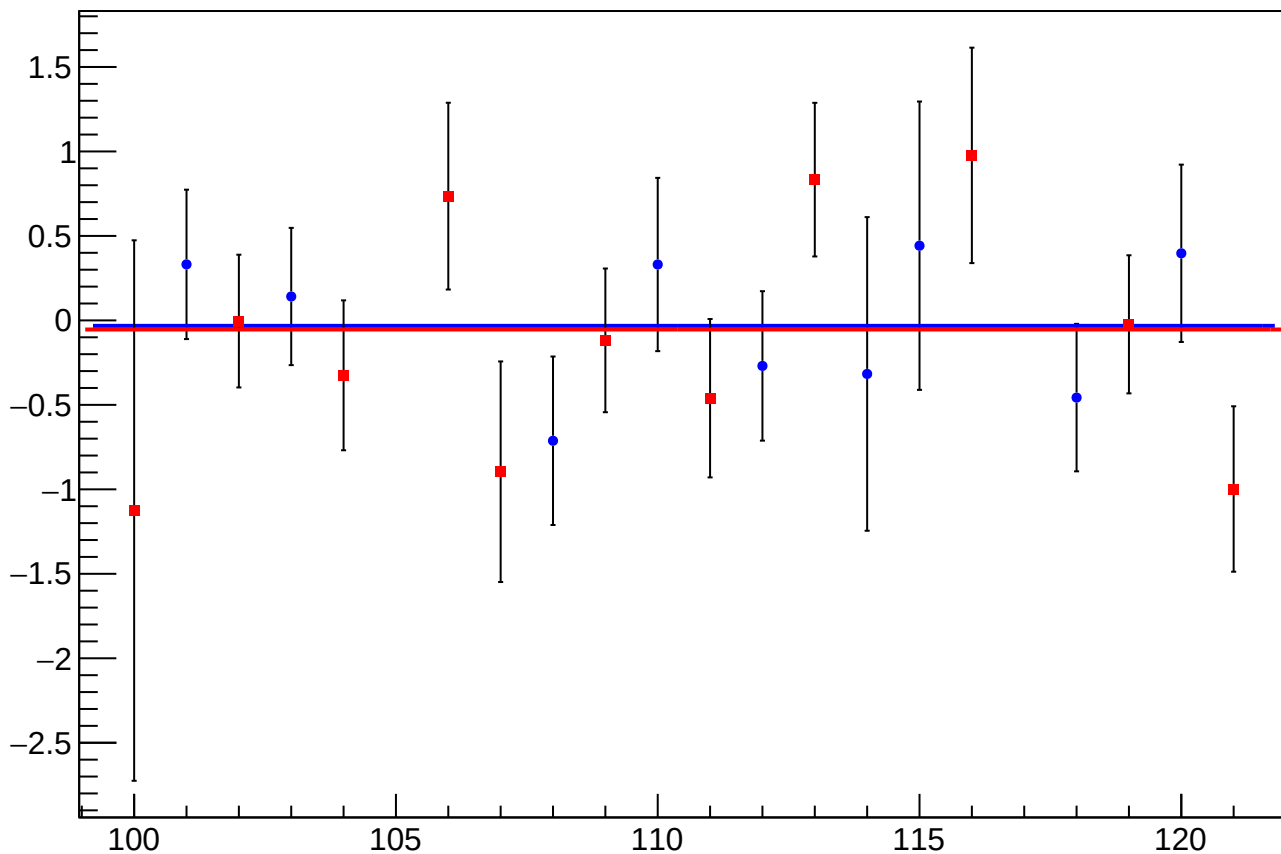
Right: 13172.752+/-3.289 χ^2/NDF : 343278.0/19

In: 13235.861+/-4.944 χ^2/NDF : 174711.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13172.752+/-3.289 χ^2/NDF : 343278.0/19

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.032 $\pm$ 0.168 χ^2 /NDF: 5.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.149 χ^2 /NDF: 15.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

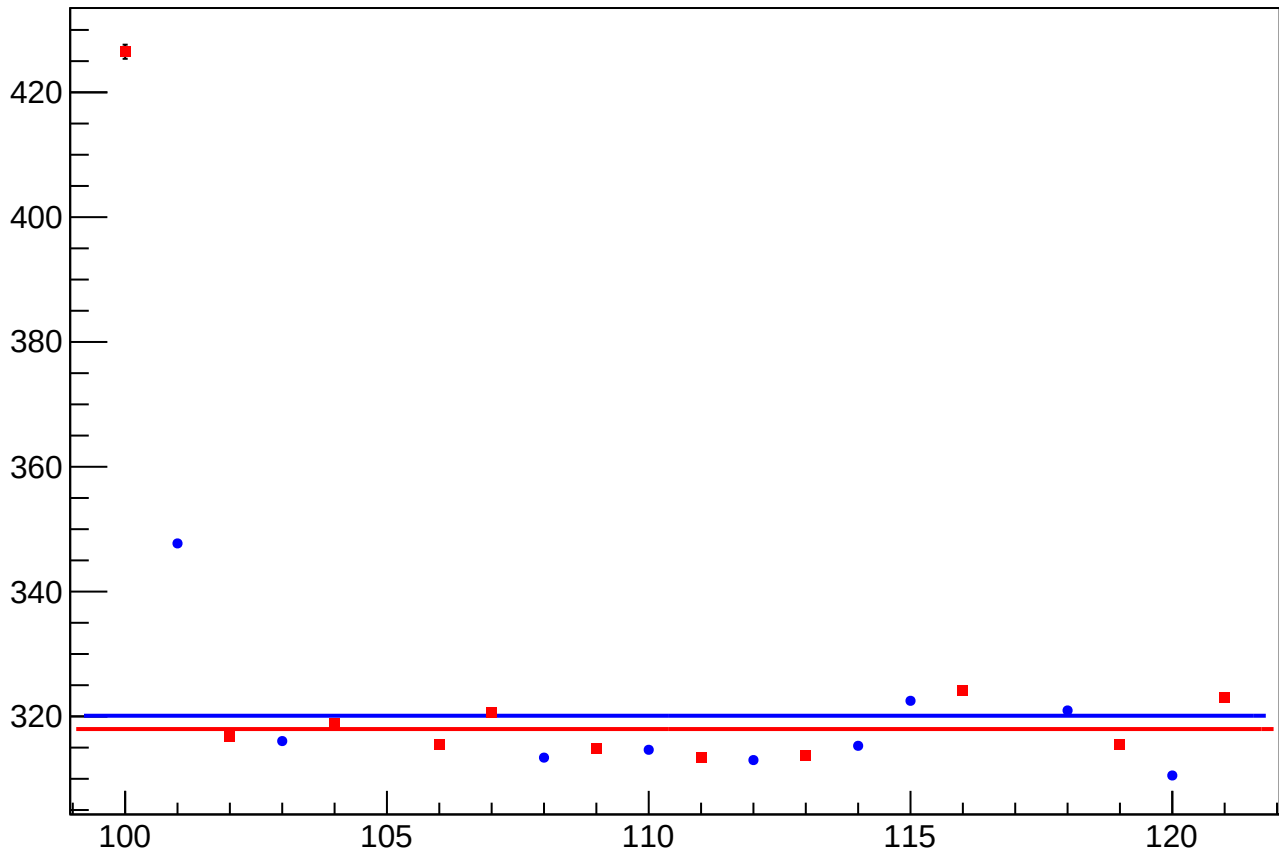
Right: -0.044 $\pm$ 0.111 χ^2 /NDF: 21.0/19

In: -0.032 $\pm$ 0.168 χ^2 /NDF:5.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.044 $\pm$ 0.111 χ^2 /NDF: 21.0/19

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 320.107+/-0.119 χ^2/NDF : 9847.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.973+/-0.105 χ^2/NDF : 10248.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

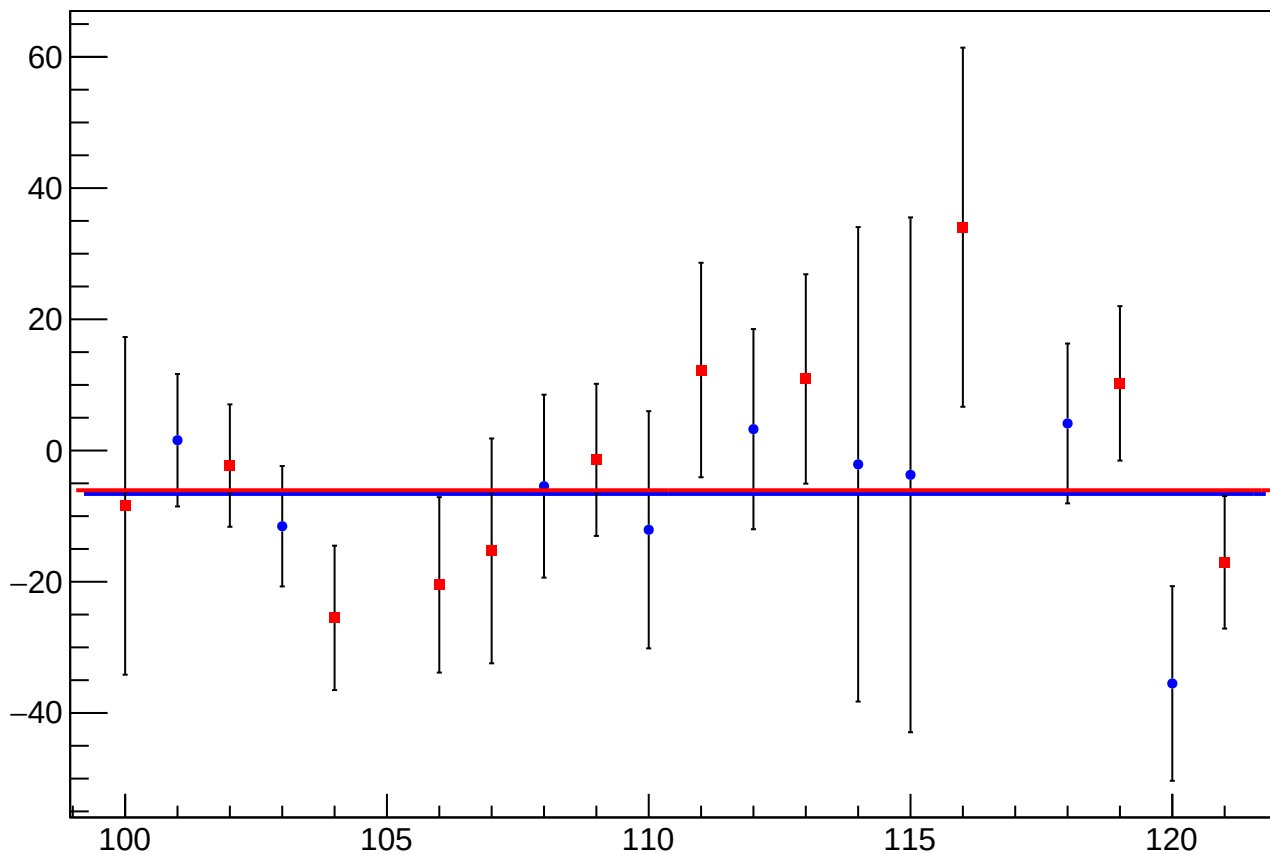
Right: 318.913+/-0.079 χ^2/NDF : 20276.7/19

In: 320.107+/-0.119 χ^2/NDF : 9847.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.913+/-0.079 χ^2/NDF : 20276.7/19

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -6.613+/-4.619 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.053+/-3.961 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

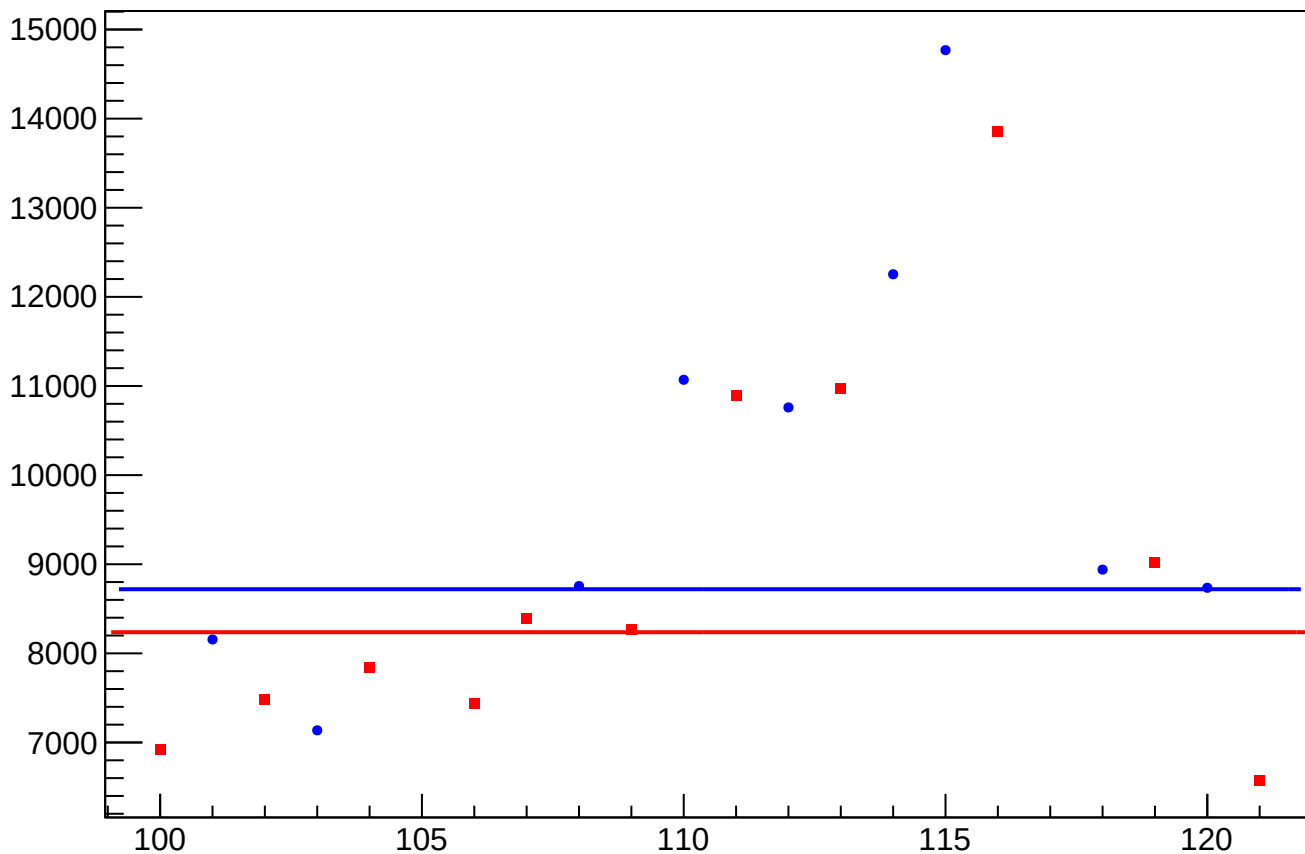
Right: -6.290+/-3.007 χ^2/NDF : 18.6/19

In: -6.613+/-4.619 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.290+/-3.007 χ^2/NDF : 18.6/19

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8719.698+/-3.266 χ^2/NDF : 202619.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8237.136+/-2.801 χ^2/NDF : 286579.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

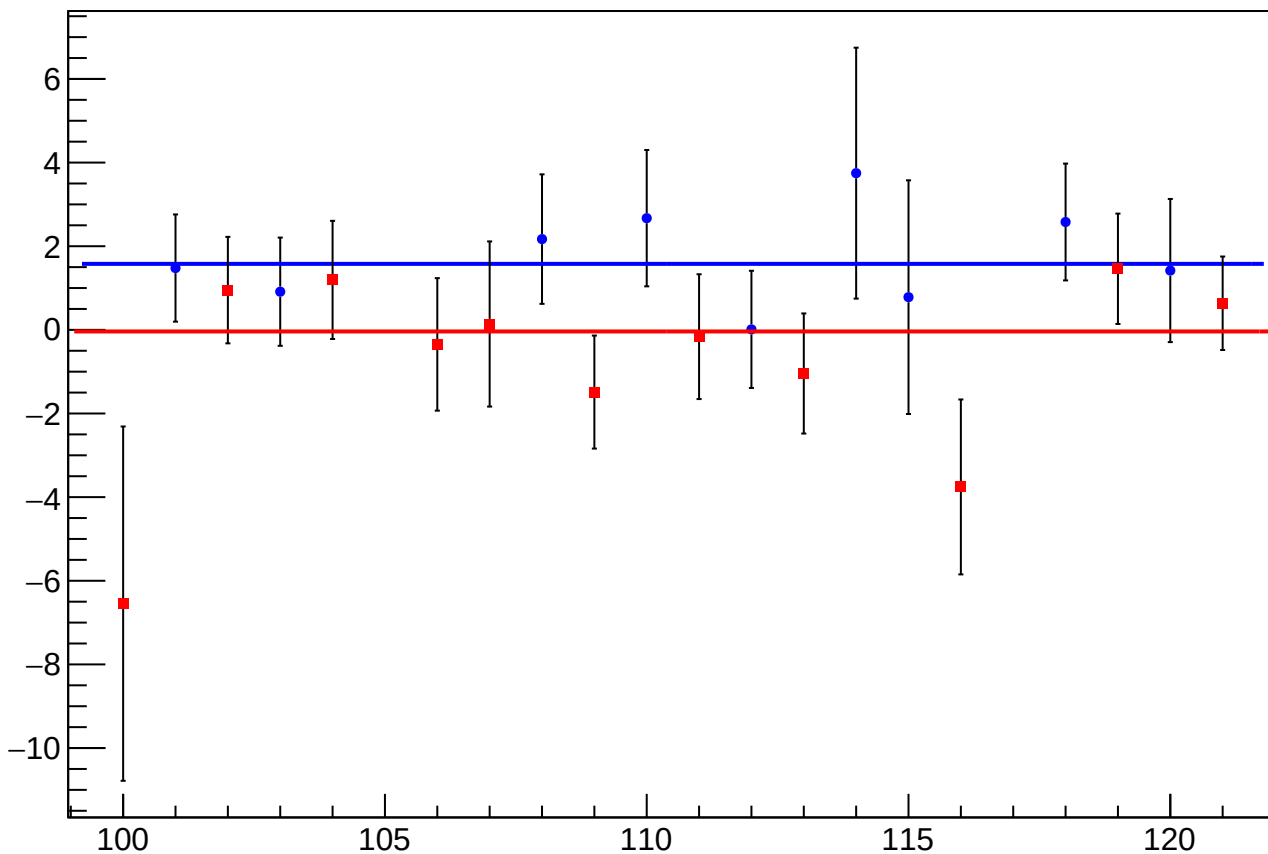
Right: 8441.668+/-2.126 χ^2/NDF : 501778.8/19

In: 8719.698+/-3.266 χ^2/NDF : 202619.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8441.668+/-2.126 χ^2/NDF : 501778.8/19

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.578 $\pm$ 0.527 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.451 χ^2 /NDF: 10.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

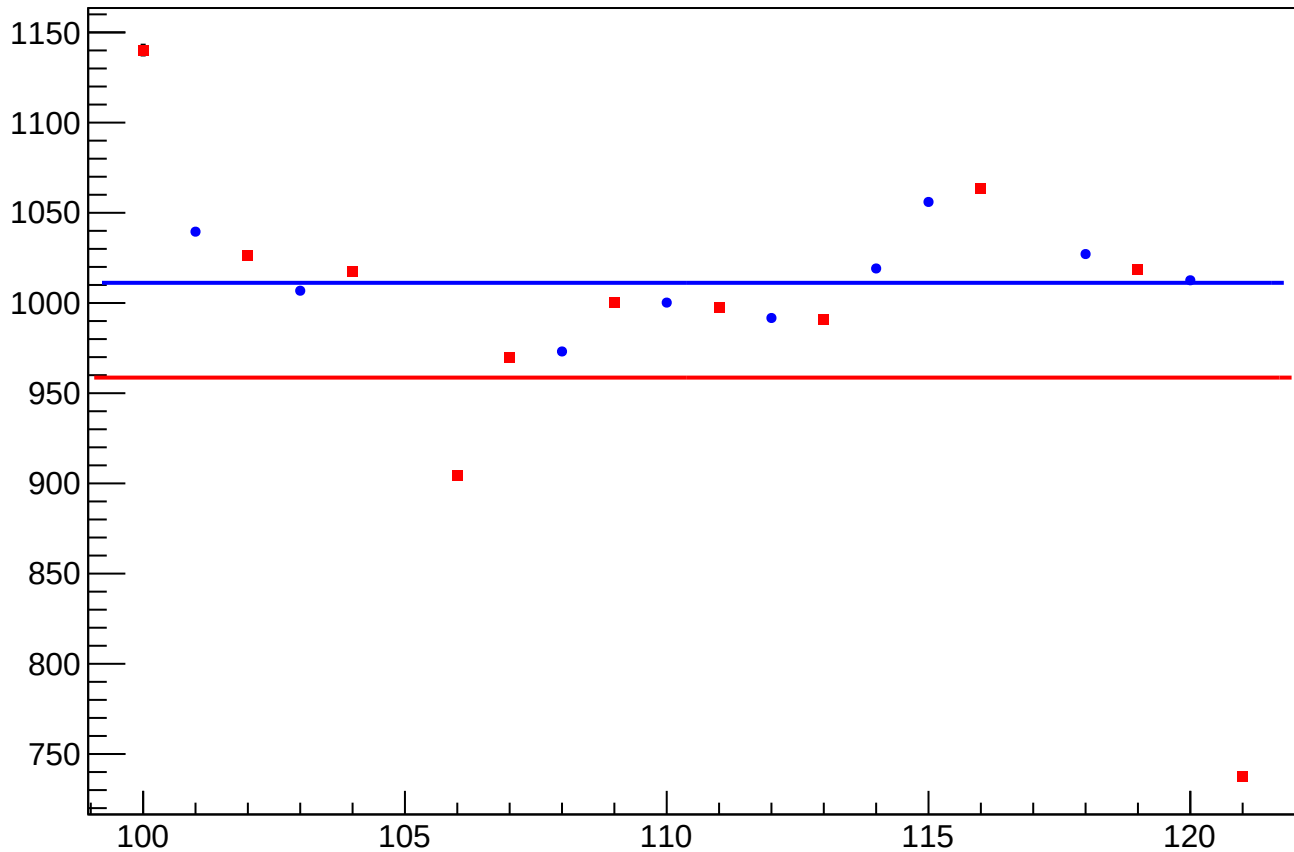
Right: 0.645 $\pm$ 0.343 χ^2 /NDF: 18.9/19

In: 1.578 $\pm$ 0.527 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.645 $\pm$ 0.343 χ^2 /NDF: 18.9/19

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1011.189 $\pm$ 0.373 χ^2 /NDF: 3477.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 958.652 $\pm$ 0.319 χ^2 /NDF: 106887.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

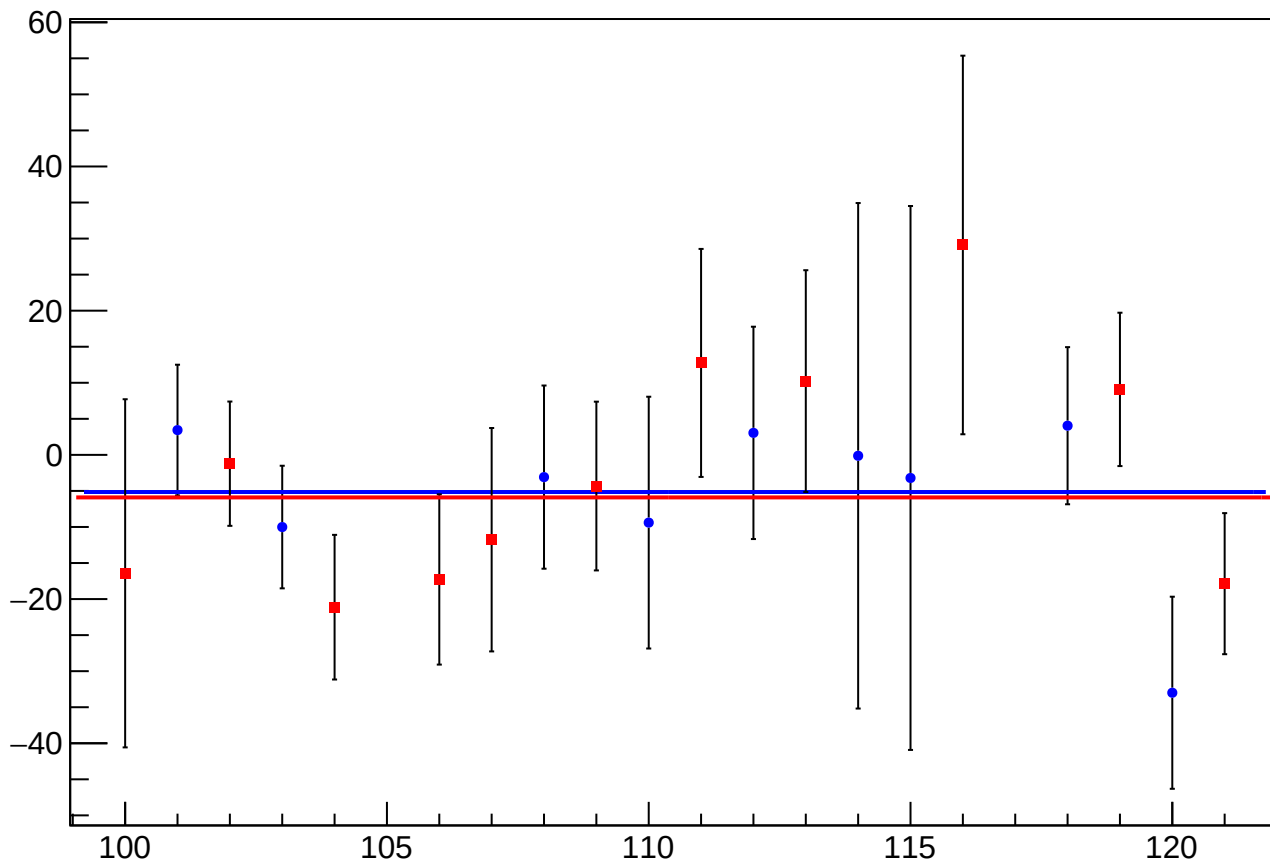
Right: 980.872 $\pm$ 0.242 χ^2 /NDF: 121837.1/19

In: 1011.189 $\pm$ 0.373 χ^2 /NDF:3477.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 980.872 $\pm$ 0.242 χ^2 /NDF: 121837.1/19

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -5.152+/-4.239 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.900+/-3.708 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

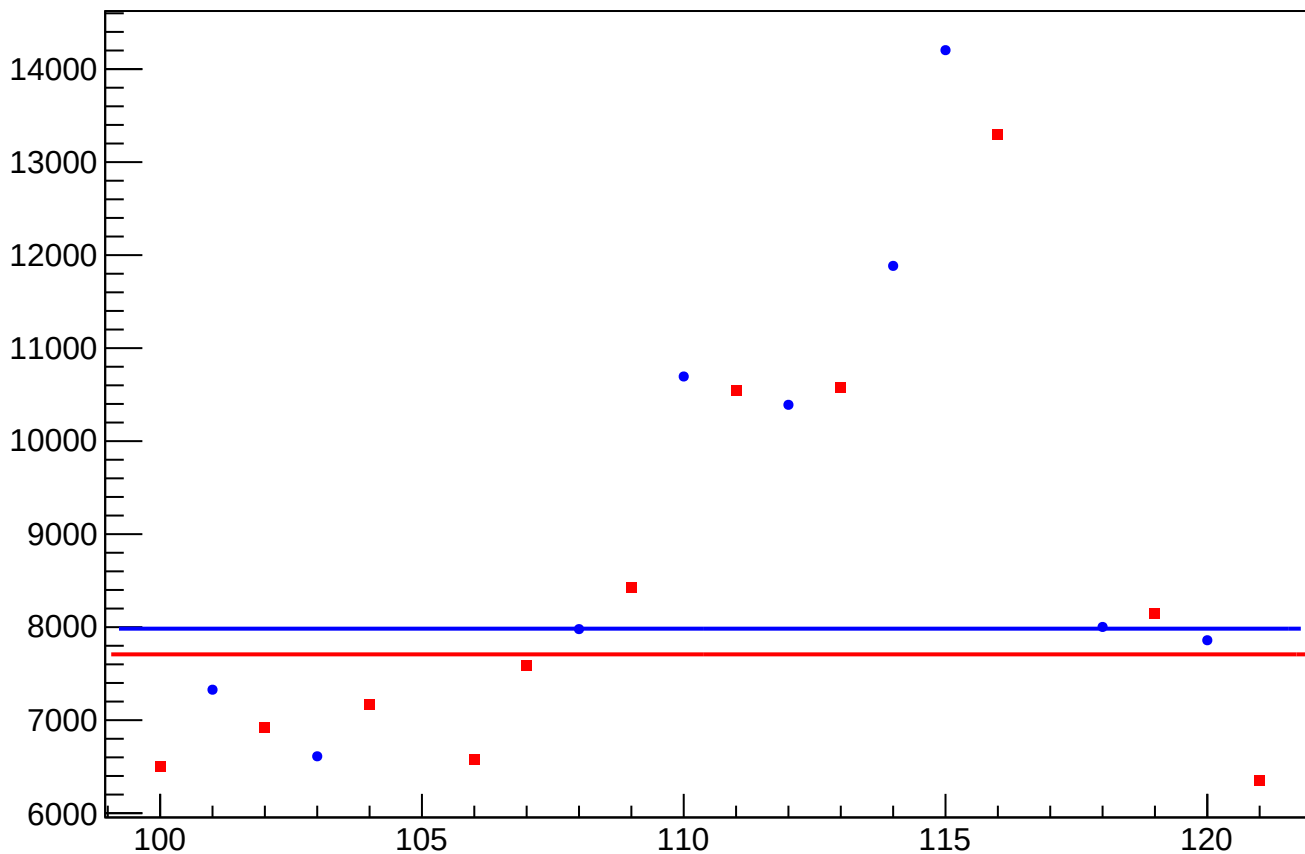
Right: -5.576+/-2.791 χ^2/NDF : 18.4/19

In: -5.152+/-4.239 χ^2/NDF :6.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.576+/-2.791 χ^2/NDF : 18.4/19

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7983.790+/-2.997 χ^2/NDF : 243555.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7707.539+/-2.622 χ^2/NDF : 319647.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

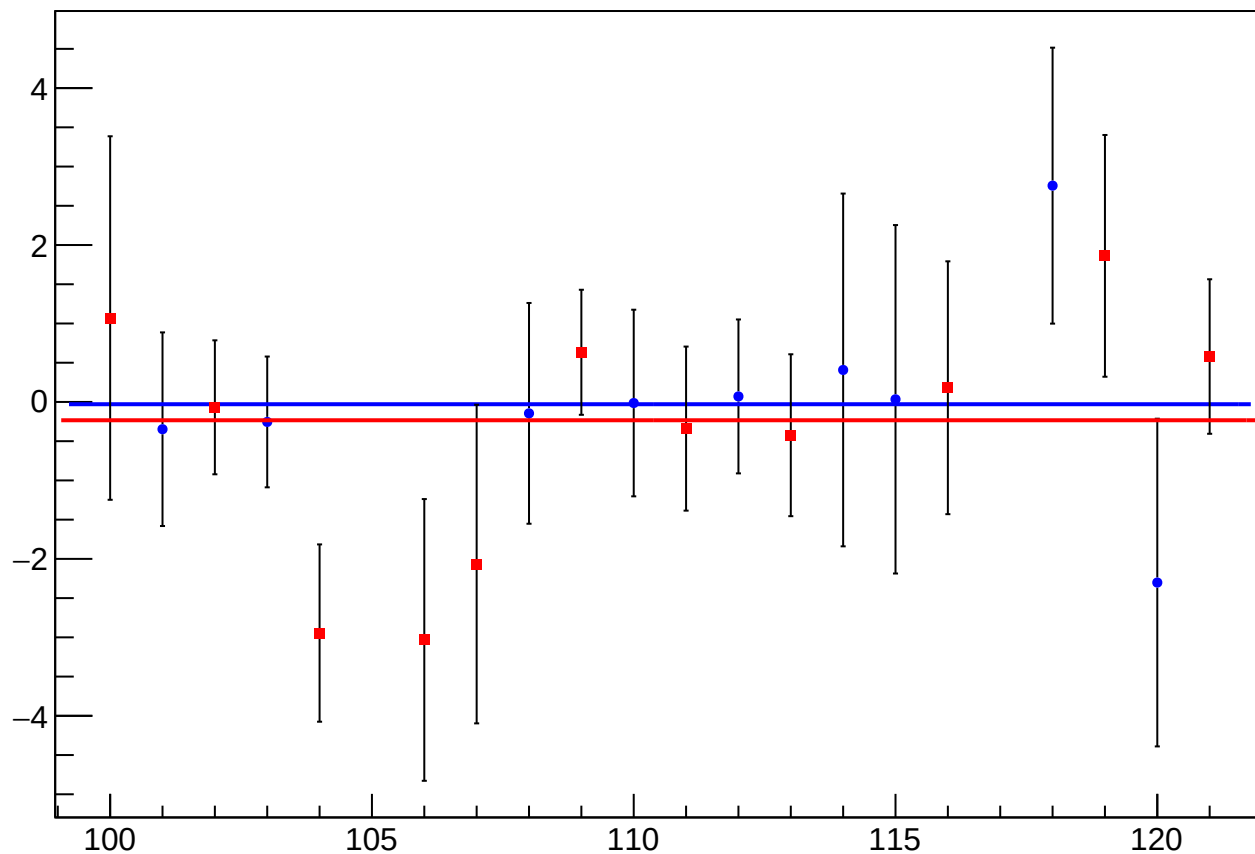
Right: 7827.306+/-1.974 χ^2/NDF : 568014.8/19

In: 7983.790+/-2.997 χ^2/NDF : 243555.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7827.306+/-1.974 χ^2/NDF : 568014.8/19

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.434 χ^2/NDF : 3.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.233 ± 0.350 χ^2/NDF : 13.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

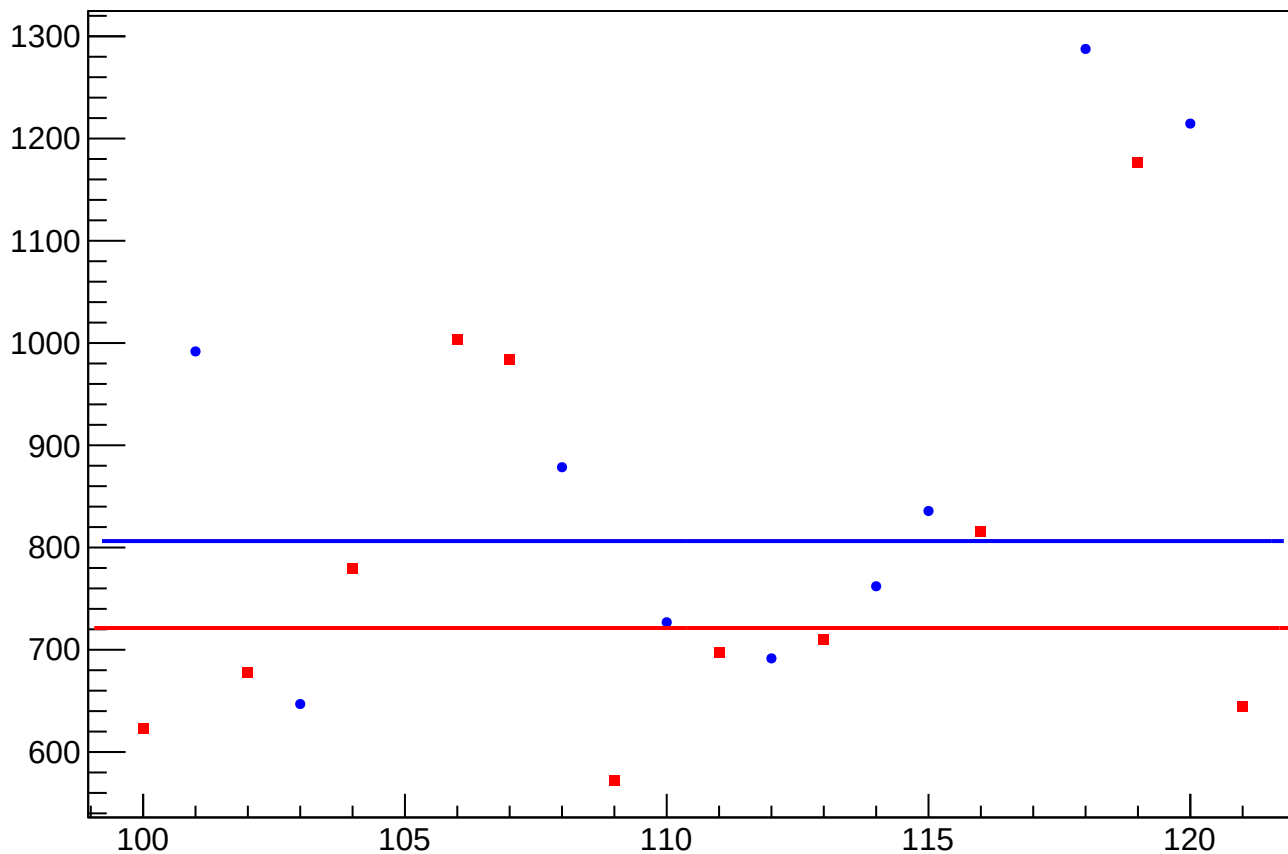
Right: -0.153 ± 0.273 χ^2/NDF : 17.2/19

In: -0.029 ± 0.434 χ^2/NDF : 3.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.153 ± 0.273 χ^2/NDF : 17.2/19

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 806.313+/-0.307 χ^2/NDF : 387308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.285+/-0.248 χ^2/NDF : 361389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

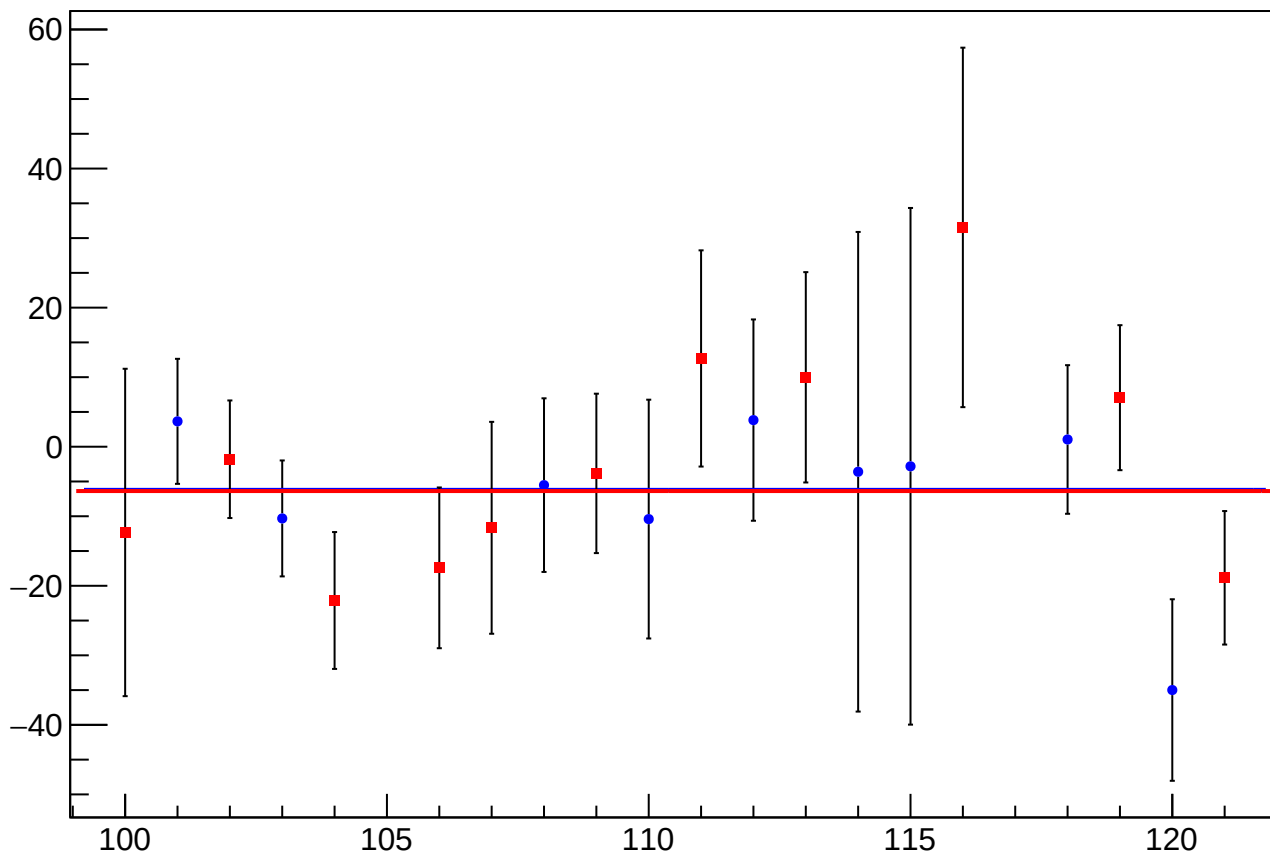
Right: 754.767+/-0.193 χ^2/NDF : 795169.5/19

In: 806.313+/-0.307 χ^2/NDF : 387308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.767+/-0.193 χ^2/NDF : 795169.5/19

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.205 ± 4.169 $\chi^2/\text{NDF}: 7.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.376 ± 3.637 $\chi^2/\text{NDF}: 12.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

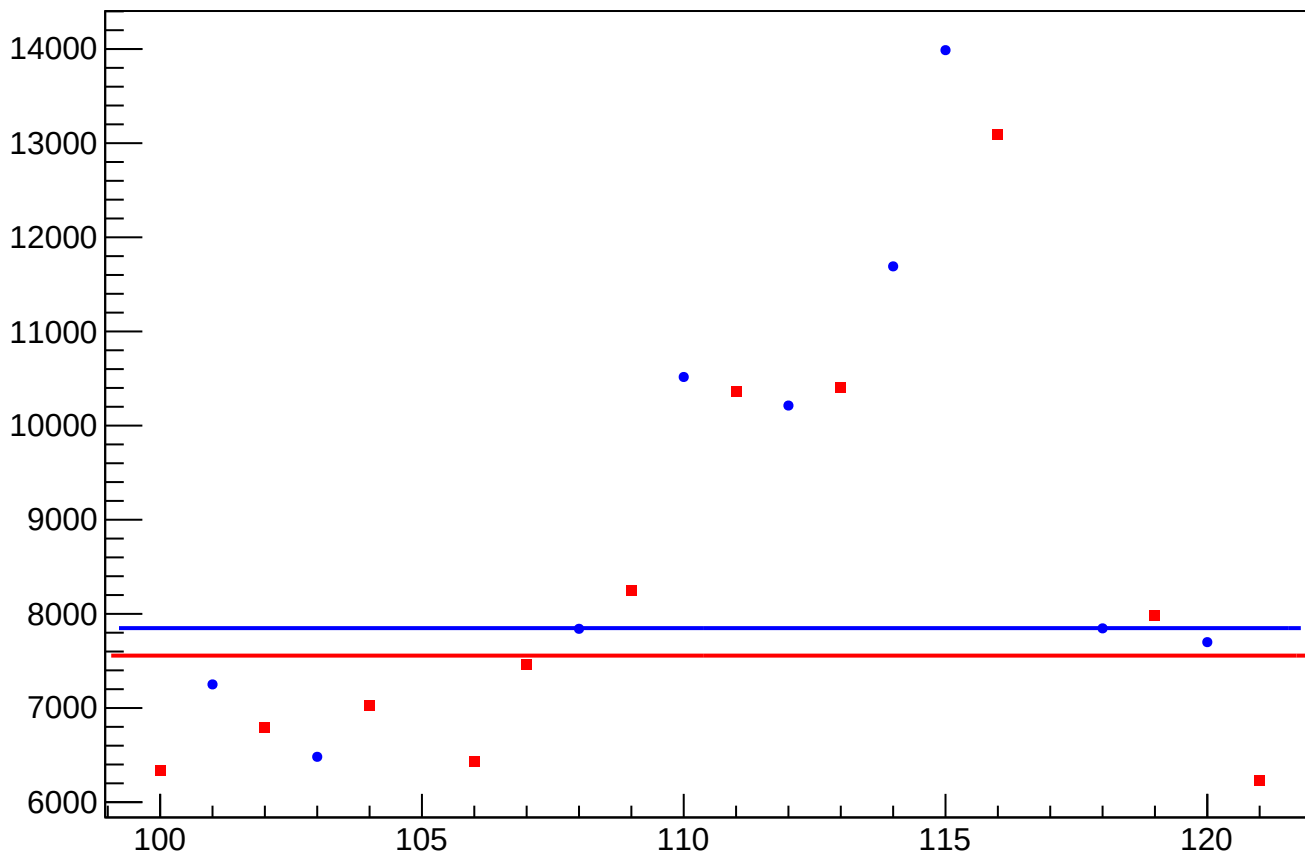
Right: -6.302 ± 2.741 $\chi^2/\text{NDF}: 19.5/19$

In: -6.205 ± 4.169 $\chi^2/\text{NDF}: 7.3/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.302 ± 2.741 $\chi^2/\text{NDF}: 19.5/19$

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7848.676+/-2.948 χ^2/NDF : 243982.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7556.669+/-2.572 χ^2/NDF : 322642.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

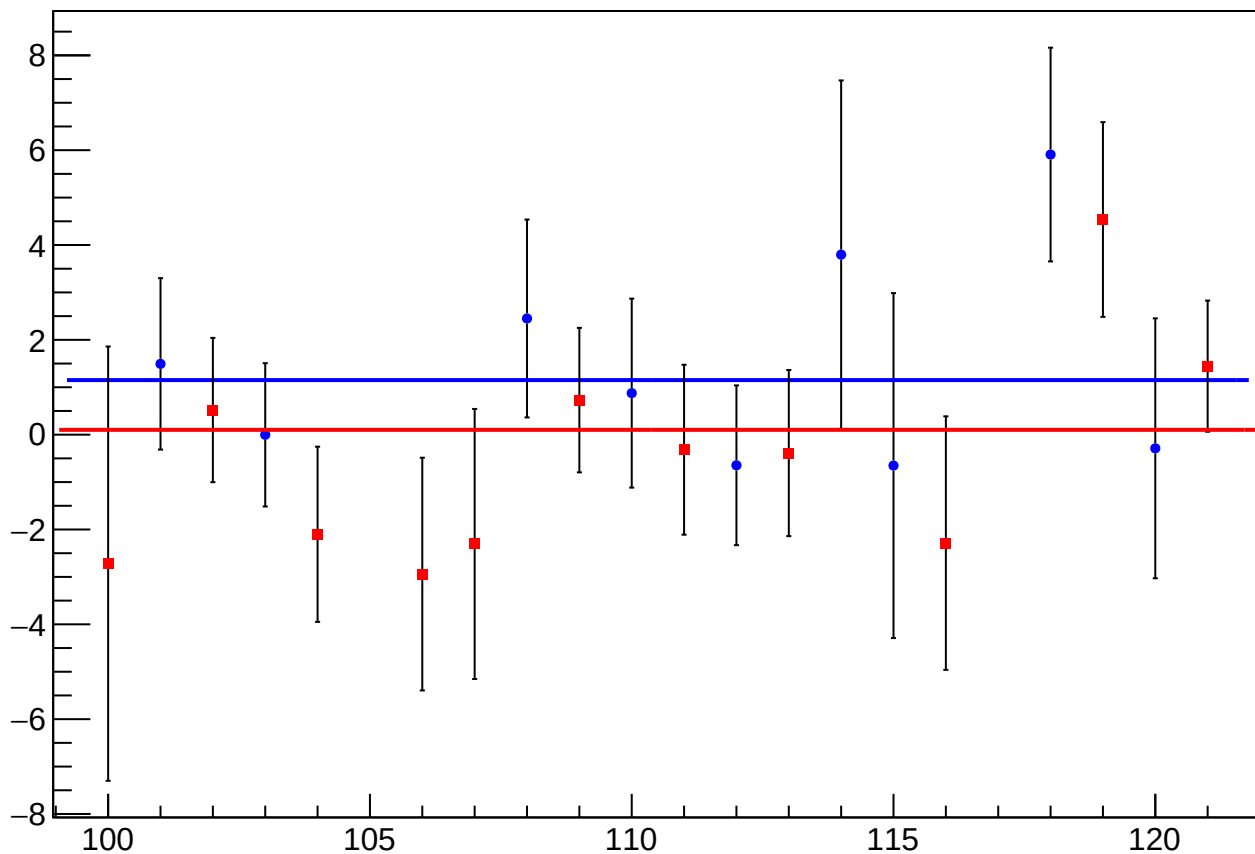
Right: 7682.883+/-1.938 χ^2/NDF : 572196.7/19

In: 7848.676+/-2.948 χ^2/NDF : 243982.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7682.883+/-1.938 χ^2/NDF : 572196.7/19

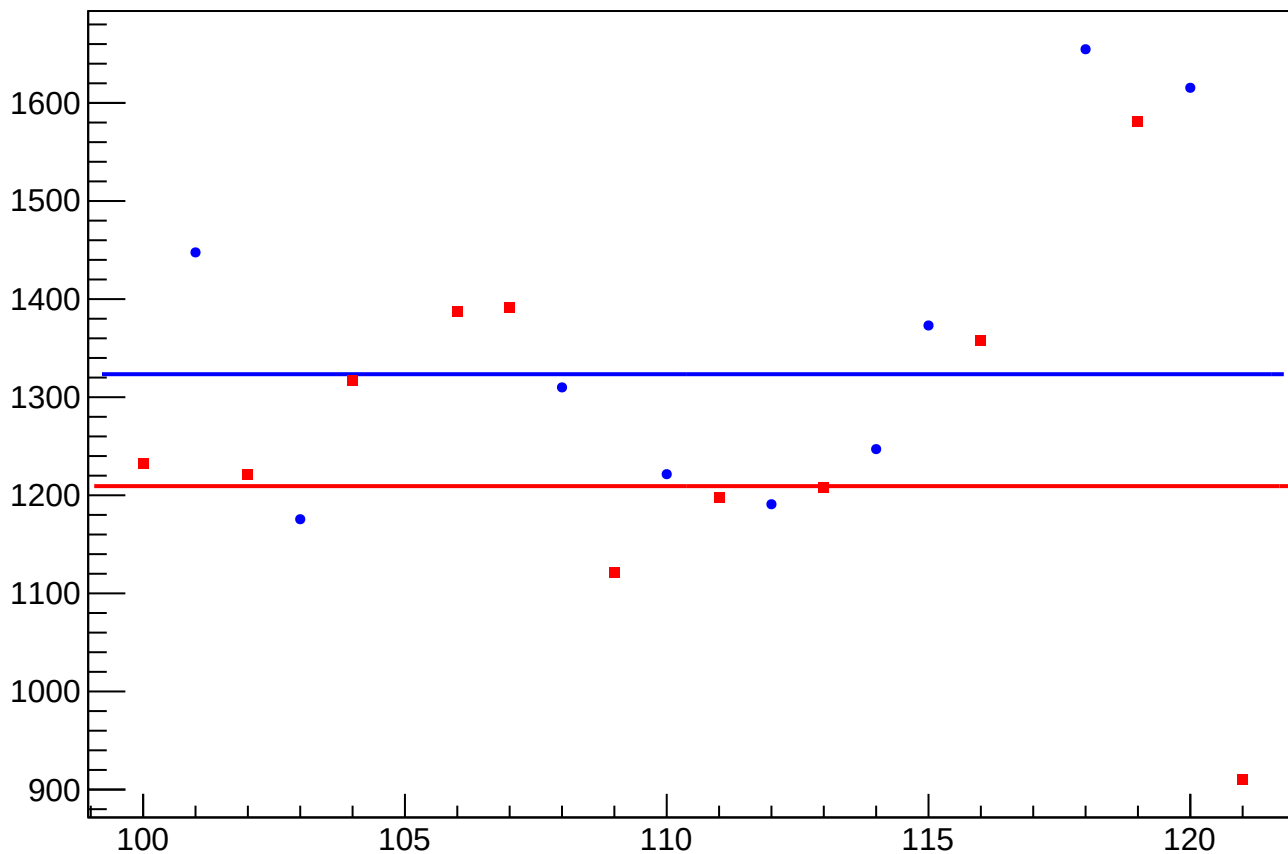
diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.151+/-0.697 χ^2/NDF : 7.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.102+/-0.575 χ^2/NDF : 10.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.526+/-0.443 χ^2/NDF : 19.8/19
 In: 1.151+/-0.697 χ^2/NDF : 7.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.526+/-0.443 χ^2/NDF : 19.8/19

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1323.440+/-0.493 χ^2/NDF : 113402.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1209.330+/-0.406 χ^2/NDF : 198010.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

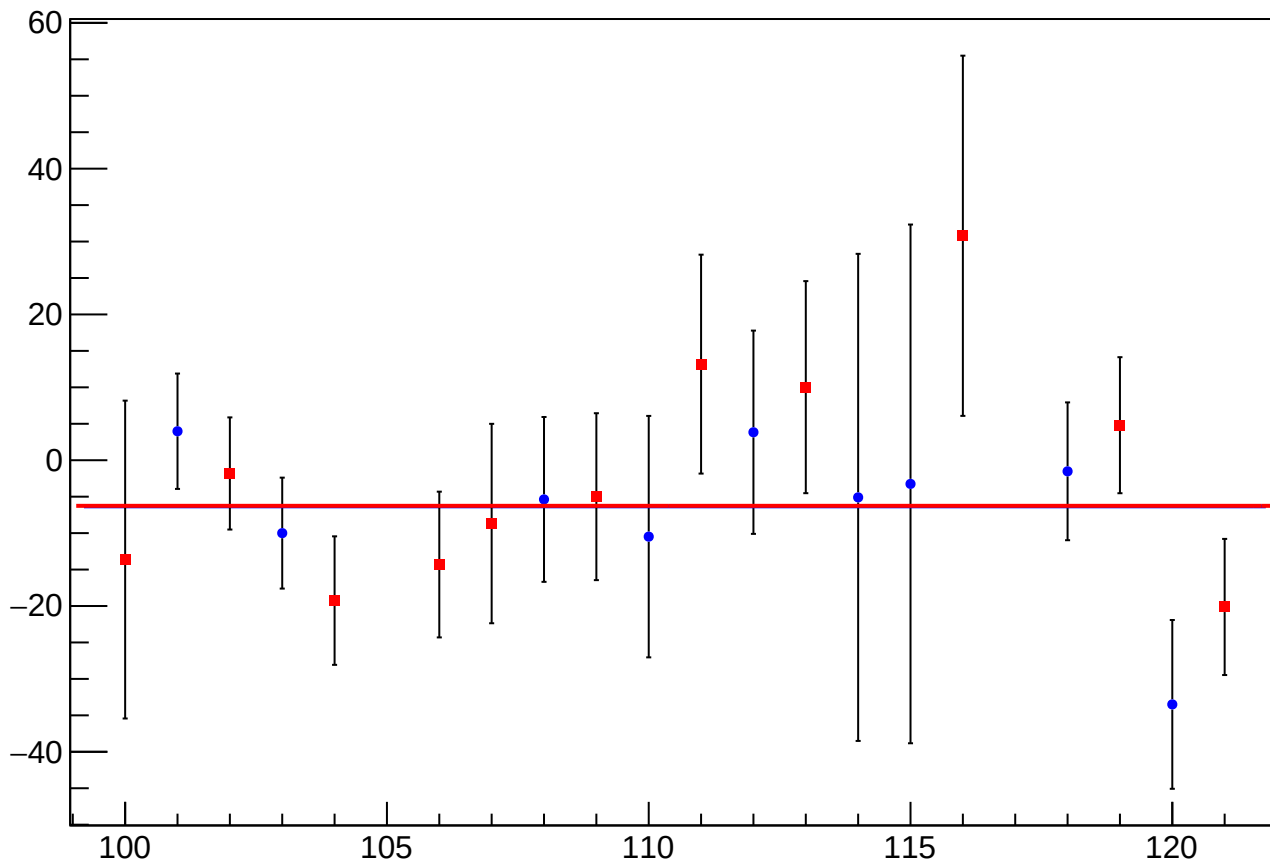
Right: 1255.474+/-0.314 χ^2/NDF : 343320.7/19

In: 1323.440+/-0.493 χ^2/NDF : 113402.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1255.474+/-0.314 χ^2/NDF : 343320.7/19

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.323 ± 3.775 χ^2/NDF : 8.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.257 ± 3.360 χ^2/NDF : 12.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

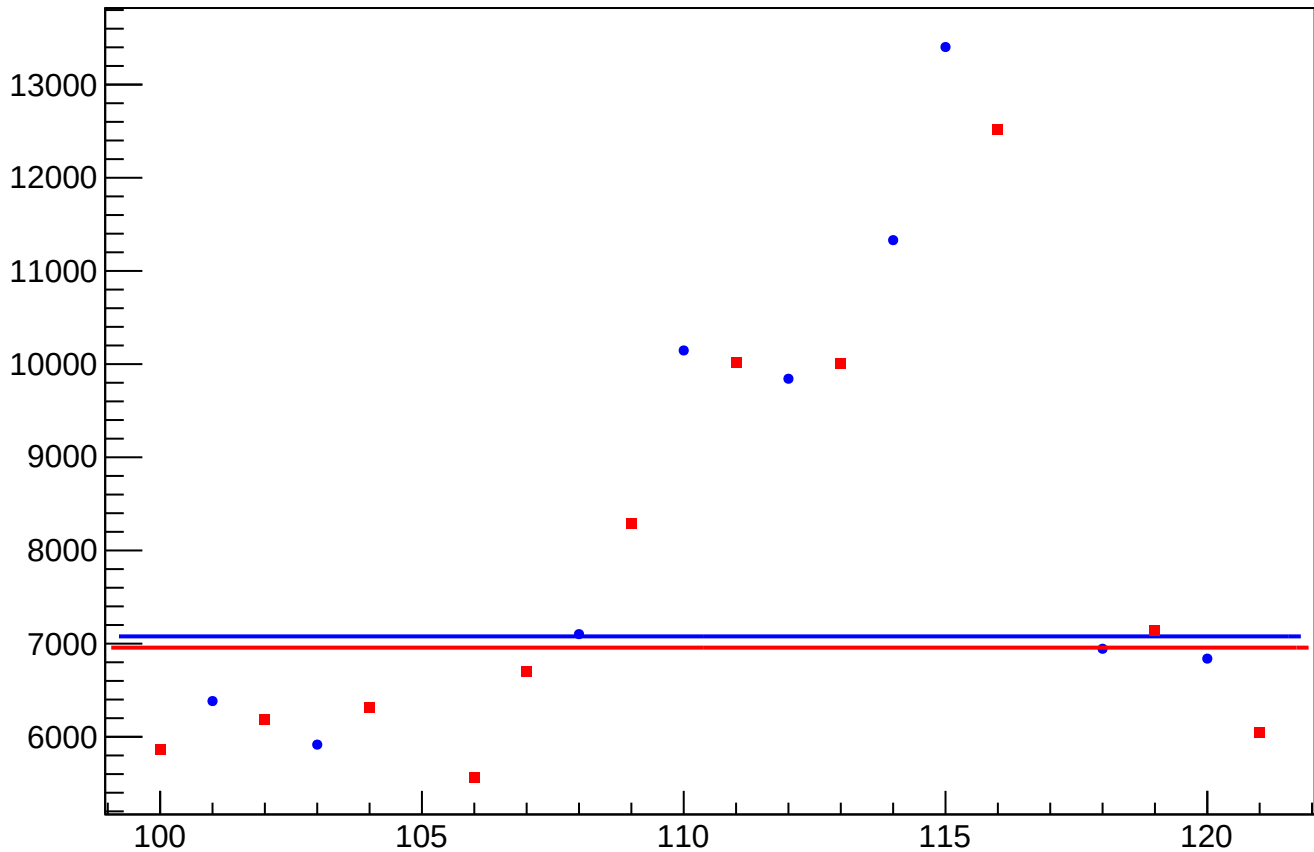
Right: -6.286 ± 2.510 χ^2/NDF : 20.4/19

In: -6.323 ± 3.775 χ^2/NDF : 8.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.286 ± 2.510 χ^2/NDF : 20.4/19

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7077.899+/-2.669 χ^2/NDF : 306149.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6957.289+/-2.376 χ^2/NDF : 394065.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

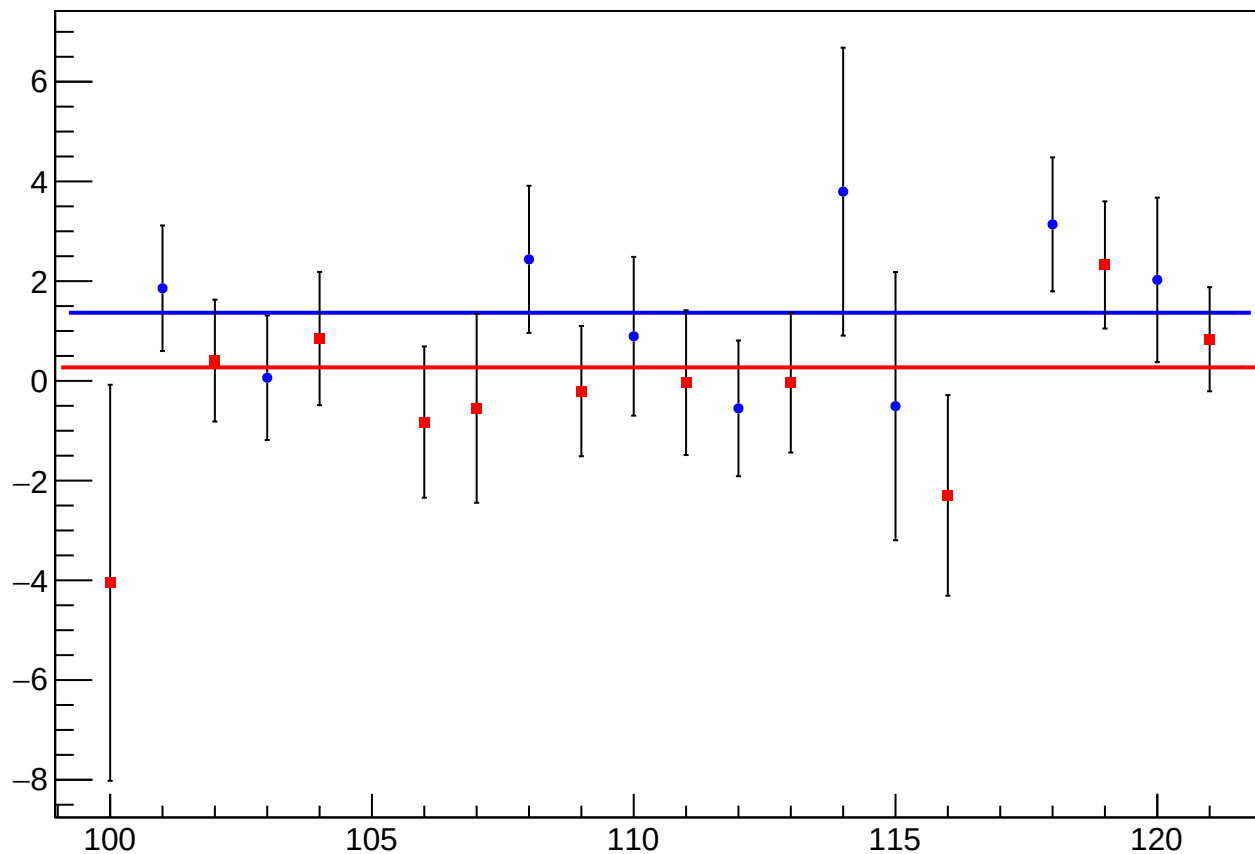
Right: 7010.599+/-1.775 χ^2/NDF : 701354.1/19

In: 7077.899+/-2.669 χ^2/NDF :306149.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7010.599+/-1.775 χ^2/NDF : 701354.1/19

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.366+/-0.510 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.271+/-0.432 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

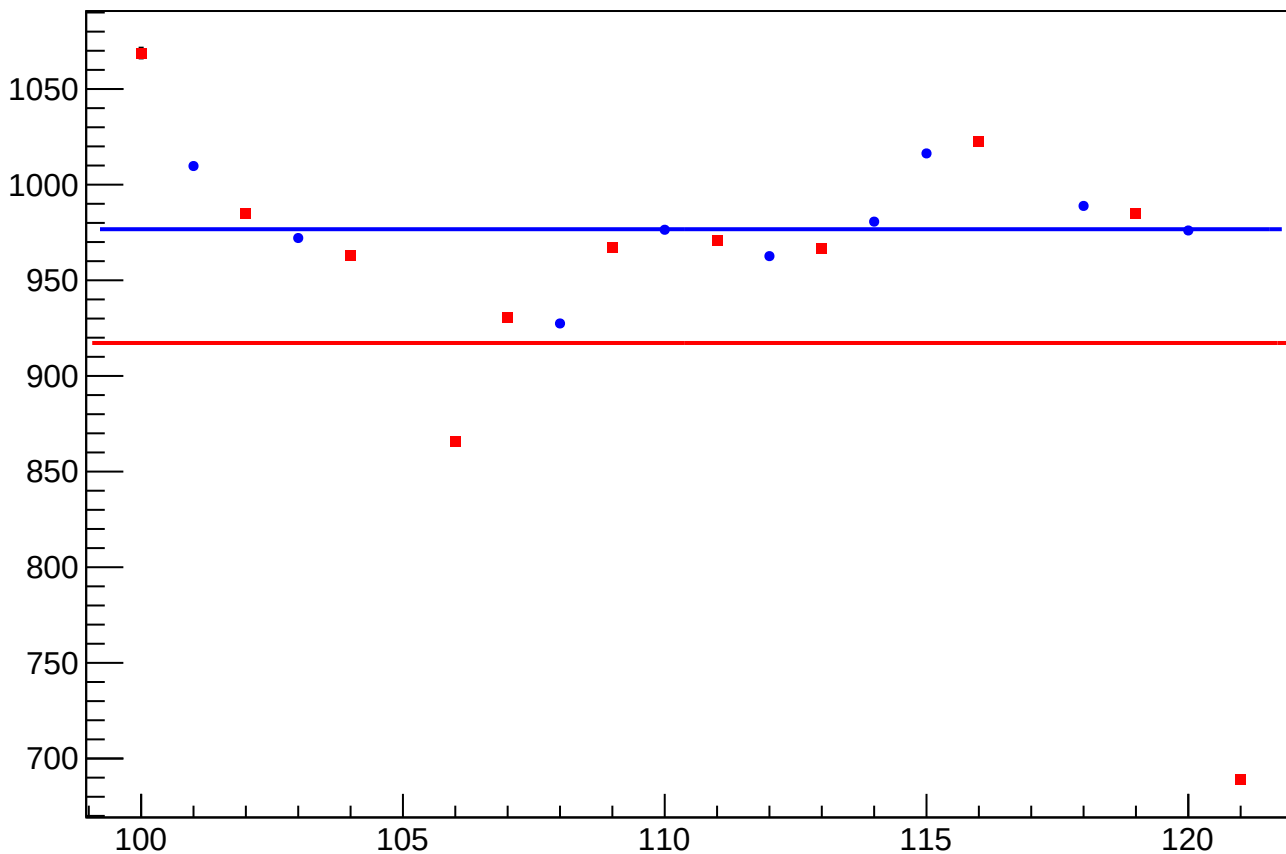
Right: 0.729+/-0.330 χ^2/NDF : 16.5/19

In: 1.366+/-0.510 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.729+/-0.330 χ^2/NDF : 16.5/19

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 976.707 $\pm$ 0.361 χ^2 /NDF: 4450.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 917.229 $\pm$ 0.306 χ^2 /NDF: 128597.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

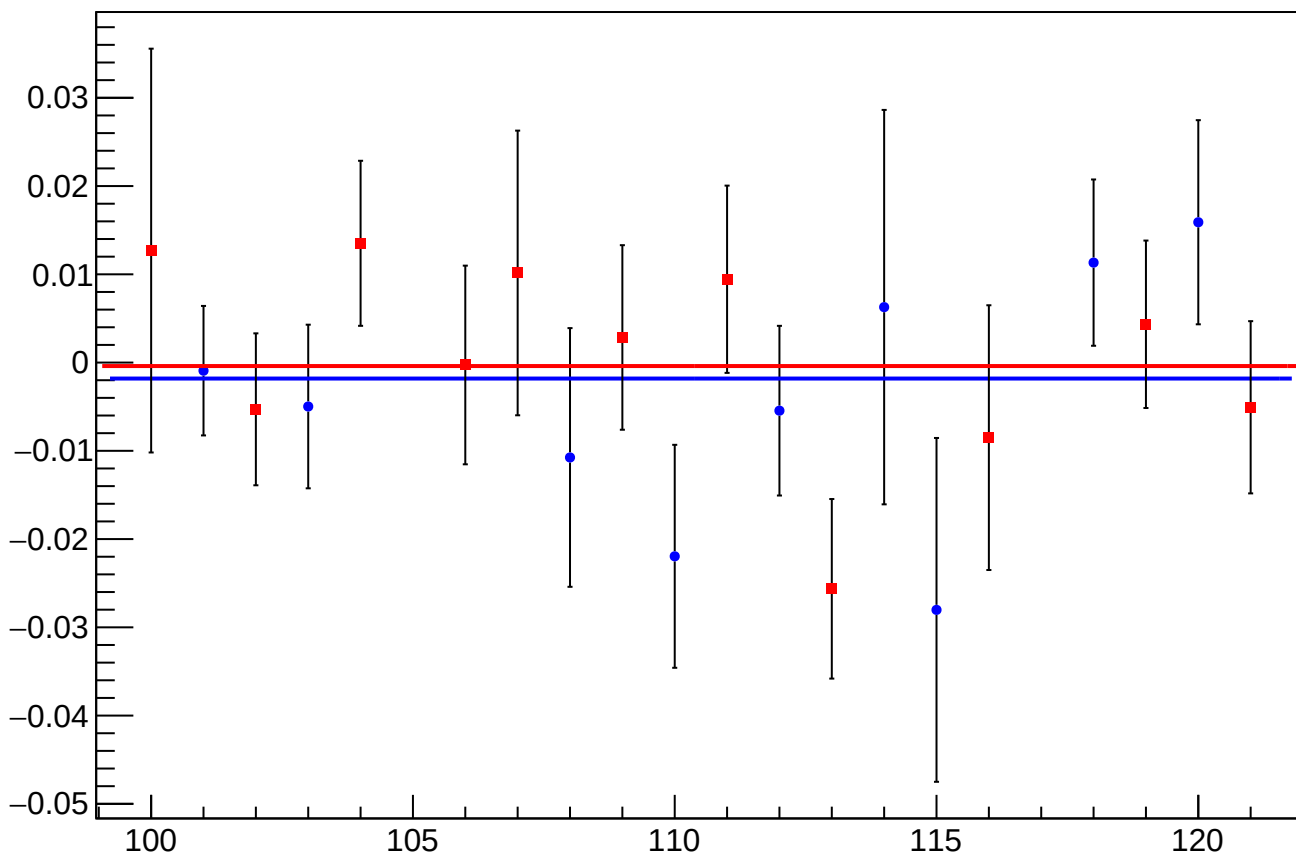
Right: 942.087 $\pm$ 0.233 χ^2 /NDF: 148883.1/19

In: 976.707 $\pm$ 0.361 χ^2 /NDF:4450.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 942.087 $\pm$ 0.233 χ^2 /NDF: 148883.1/19

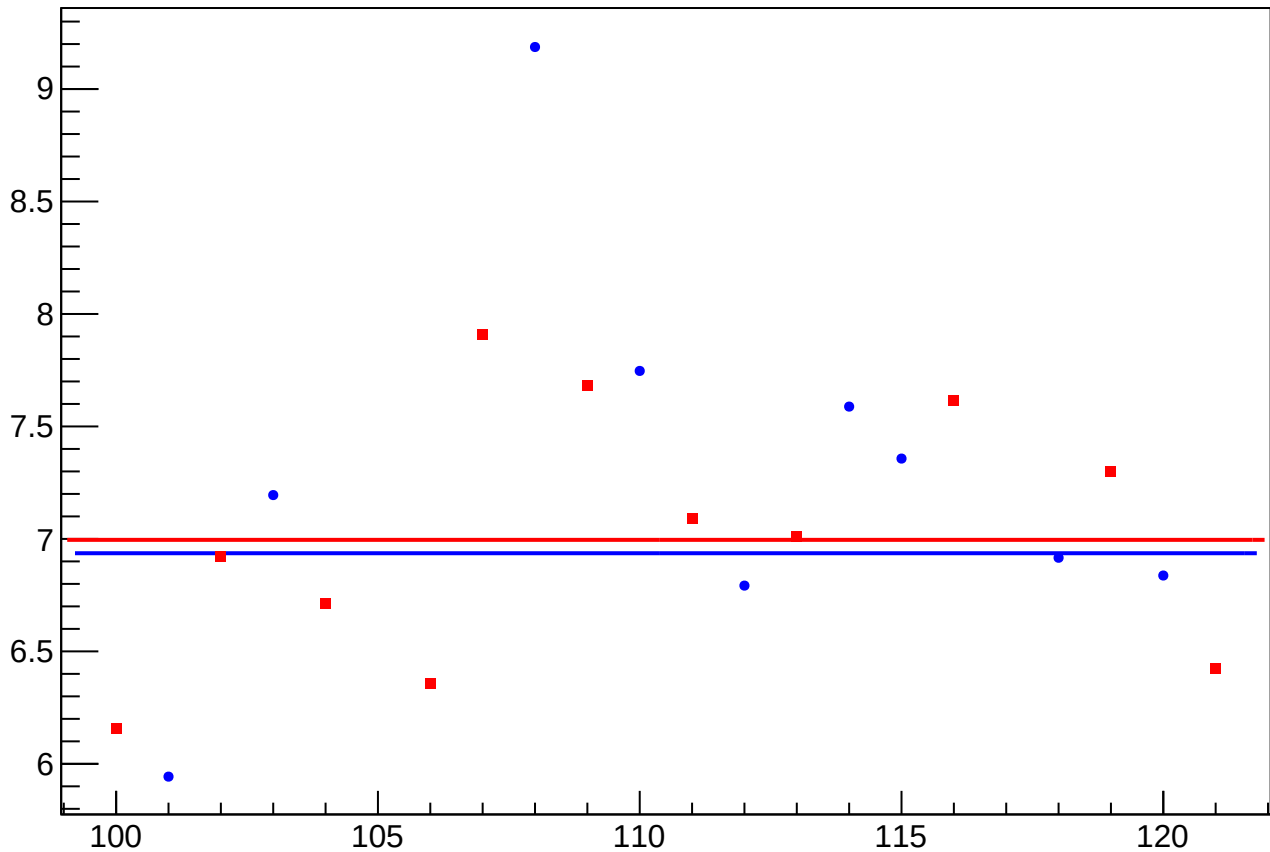
diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.004 χ^2 /NDF: 9.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.003 χ^2 /NDF: 11.2/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.001 $\pm$ 0.002 χ^2 /NDF: 20.7/19
 In: -0.002 $\pm$ 0.004 χ^2 /NDF:9.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.001 $\pm$ 0.002 χ^2 /NDF: 20.7/19

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.936+/-0.003 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.996+/-0.002 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

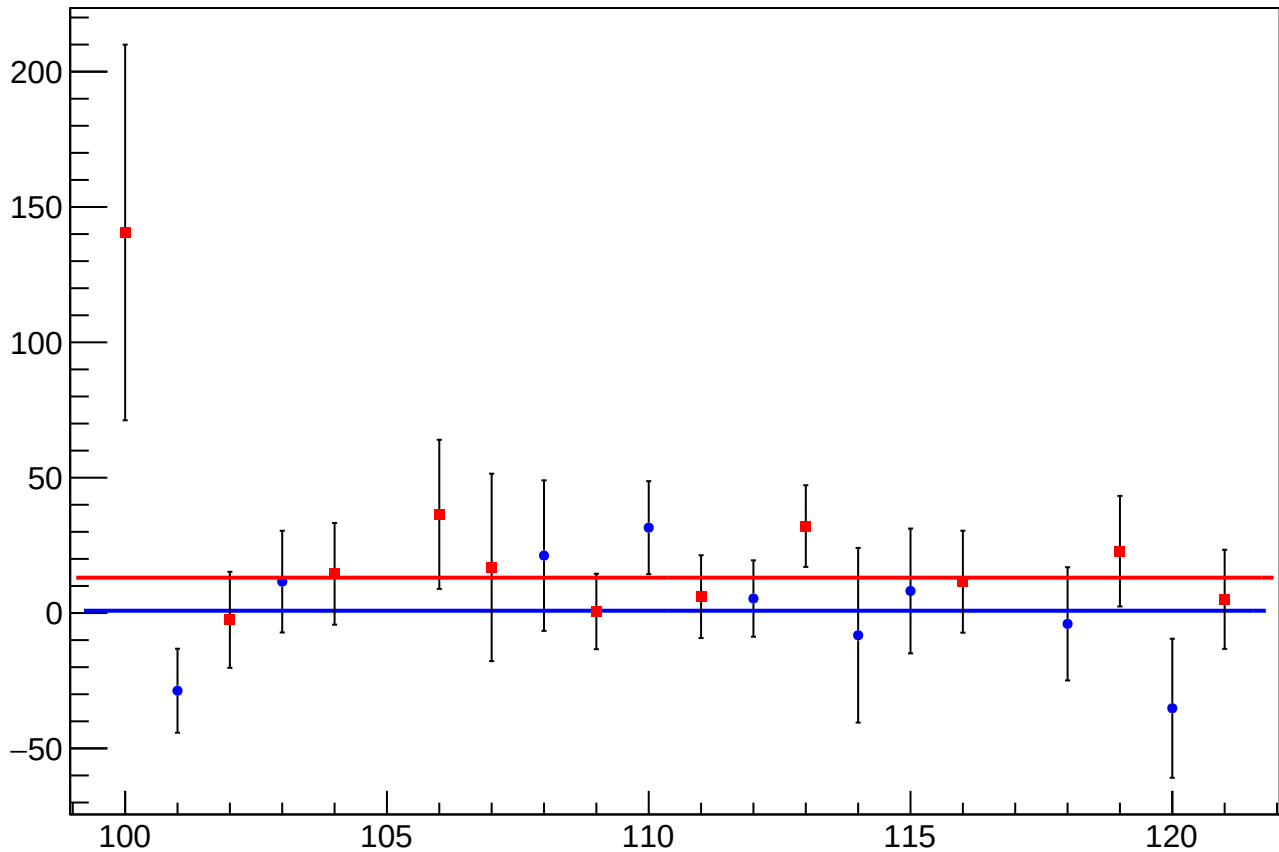
Right: 6.969+/-0.002 χ^2/NDF : 135700.7/19

In: 6.936+/-0.003 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.969+/-0.002 χ^2/NDF : 135700.7/19

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 0.853 $\pm$ 6.546 χ^2/NDF : 10.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 13.063 $\pm$ 5.737 χ^2/NDF : 7.9/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

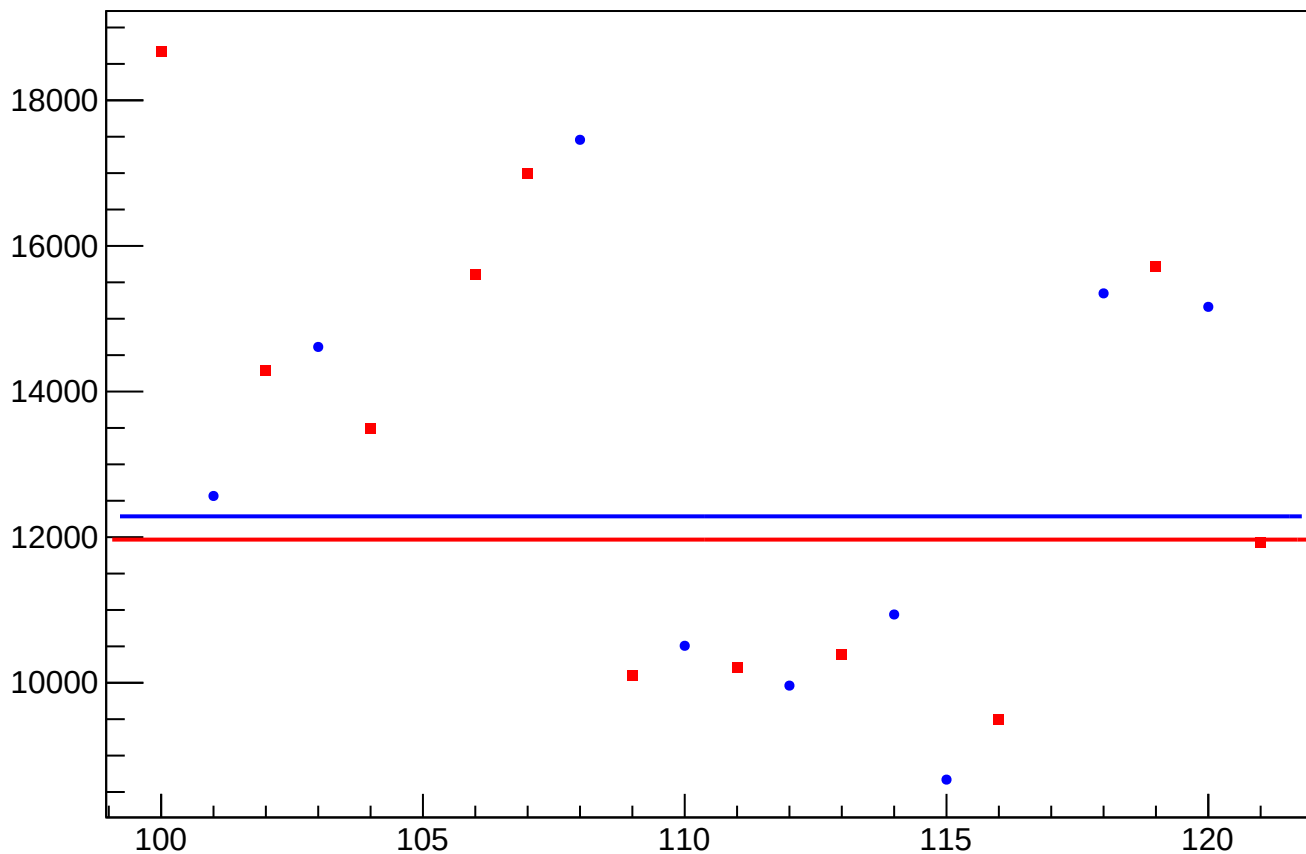
Right: 7.759 $\pm$ 4.314 χ^2/NDF : 19.9/19

In: 0.853 $\pm$ 6.546 χ^2/NDF : 10.0/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 7.759 $\pm$ 4.314 χ^2/NDF : 19.9/19

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12285.931+/-4.629 χ^2/NDF : 296924.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11966.529+/-4.057 χ^2/NDF : 328737.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

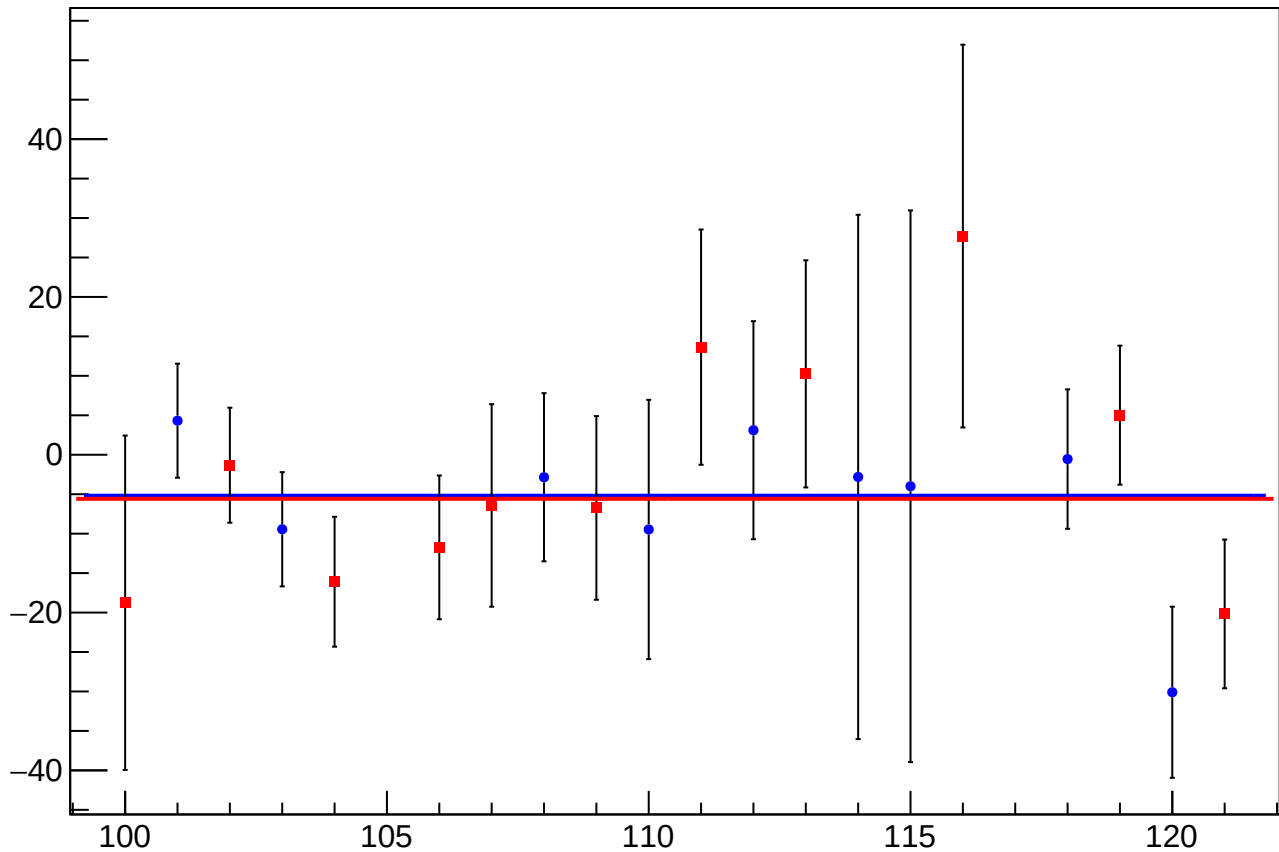
Right: 12105.286+/-3.051 χ^2/NDF : 628355.3/19

In: 12285.931+/-4.629 χ^2/NDF : 296924.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12105.286+/-3.051 χ^2/NDF : 628355.3/19

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -5.193+/-3.558 χ^2 /NDF: 8.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.586+/-3.219 χ^2 /NDF: 11.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

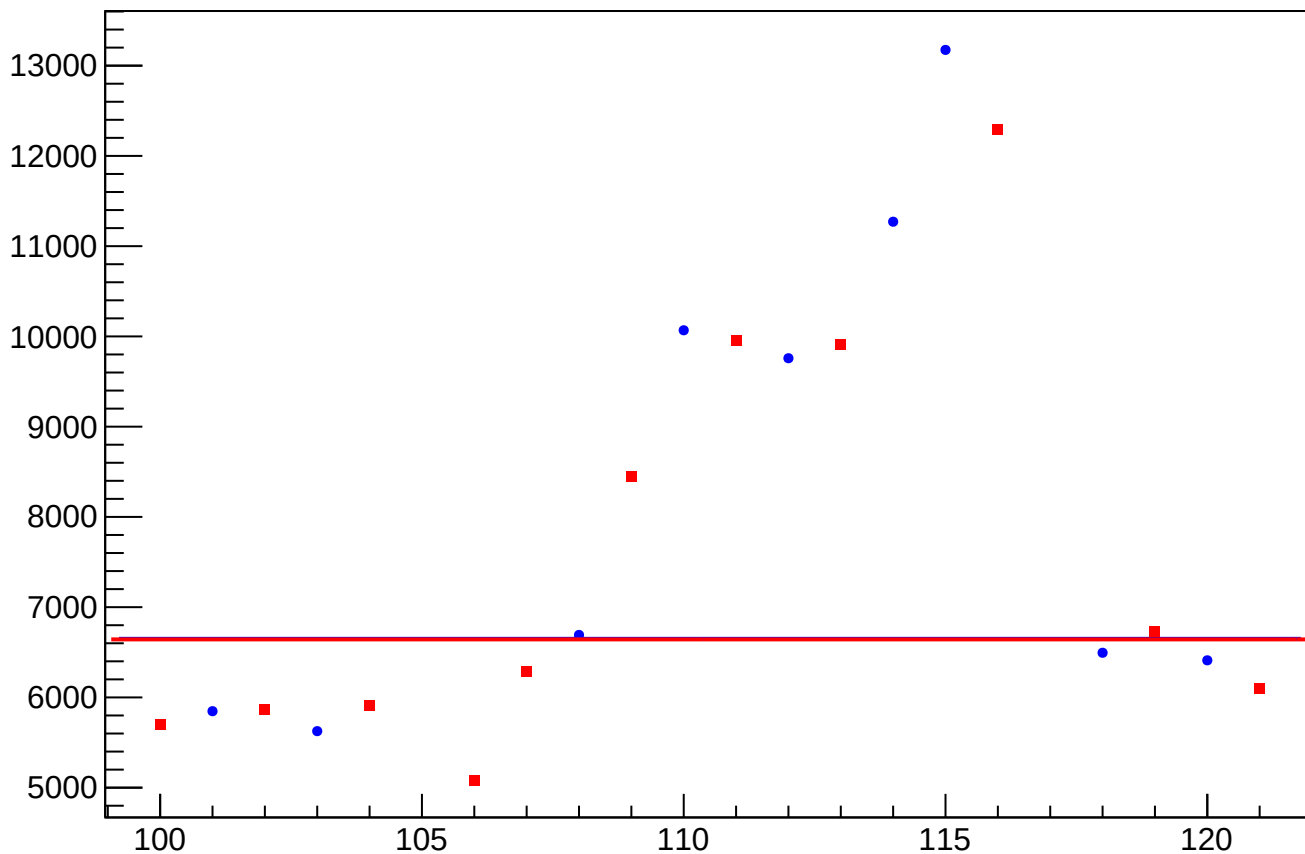
Right: -5.409+/-2.387 χ^2 /NDF: 19.5/19

In: -5.193+/-3.558 χ^2 /NDF:8.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.409+/-2.387 χ^2 /NDF: 19.5/19

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6649.016+/-2.516 χ^2/NDF : 362376.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6642.929+/-2.276 χ^2/NDF : 467810.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

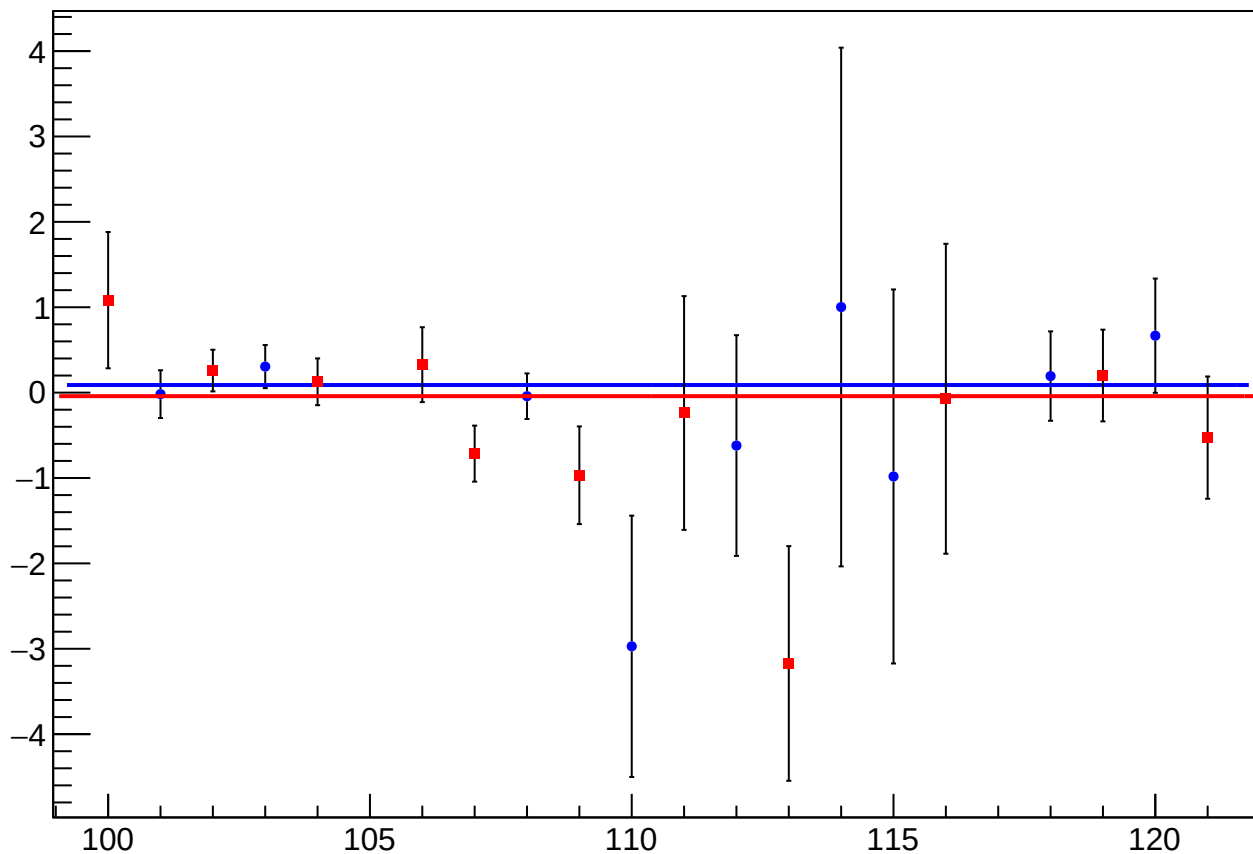
Right: 6645.669+/-1.688 χ^2/NDF : 830190.0/19

In: 6649.016+/-2.516 χ^2/NDF : 362376.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6645.669+/-1.688 χ^2/NDF : 830190.0/19

diff_target_thetaX_mean vs Slug, Sign Corrected



Right In: 0.089 $\pm$ 0.142 χ^2 /NDF: 6.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.041 $\pm$ 0.134 χ^2 /NDF: 17.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

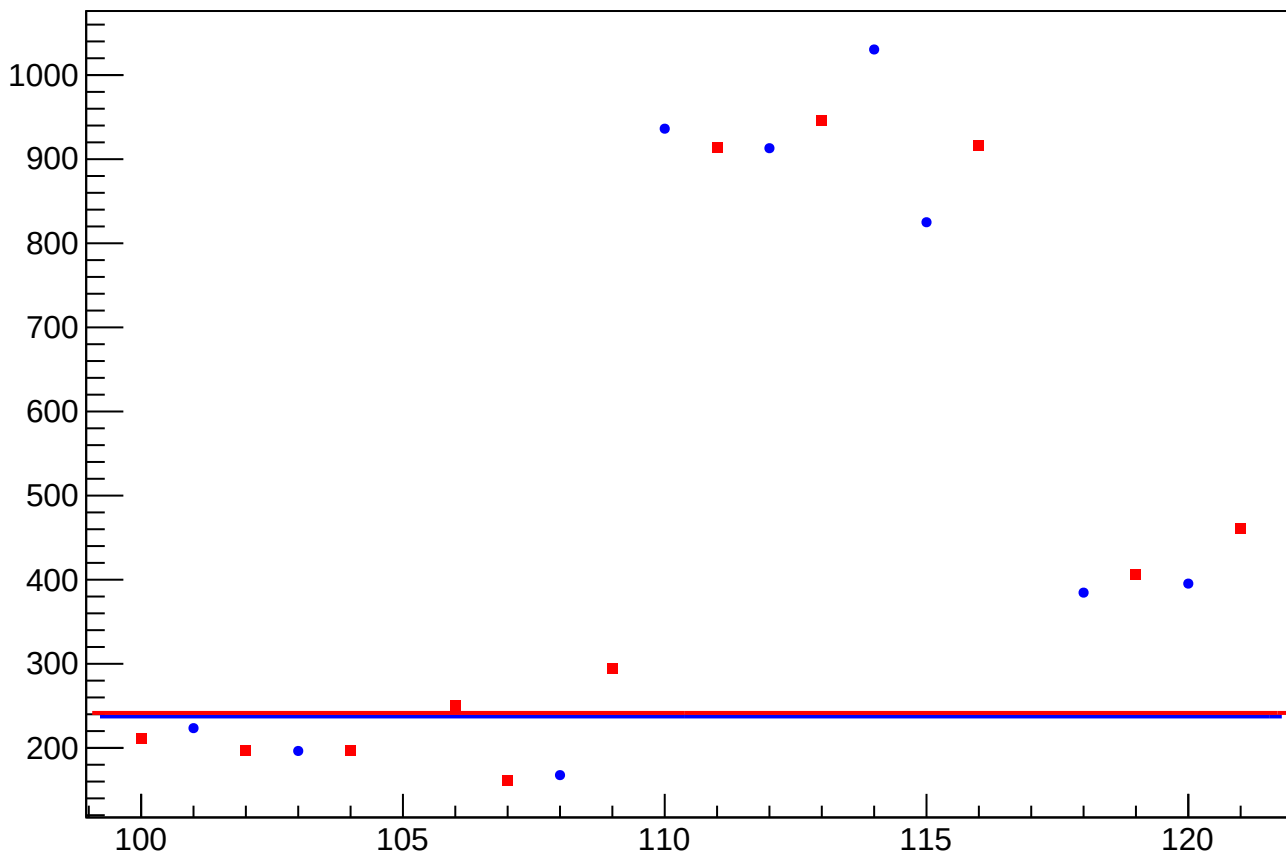
Right: 0.020 $\pm$ 0.097 χ^2 /NDF: 24.3/19

In: 0.089 $\pm$ 0.142 χ^2 /NDF:6.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.097 χ^2 /NDF: 24.3/19

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 237.409+/-0.100 χ^2/NDF : 1707753.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.593+/-0.094 χ^2/NDF : 1924709.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

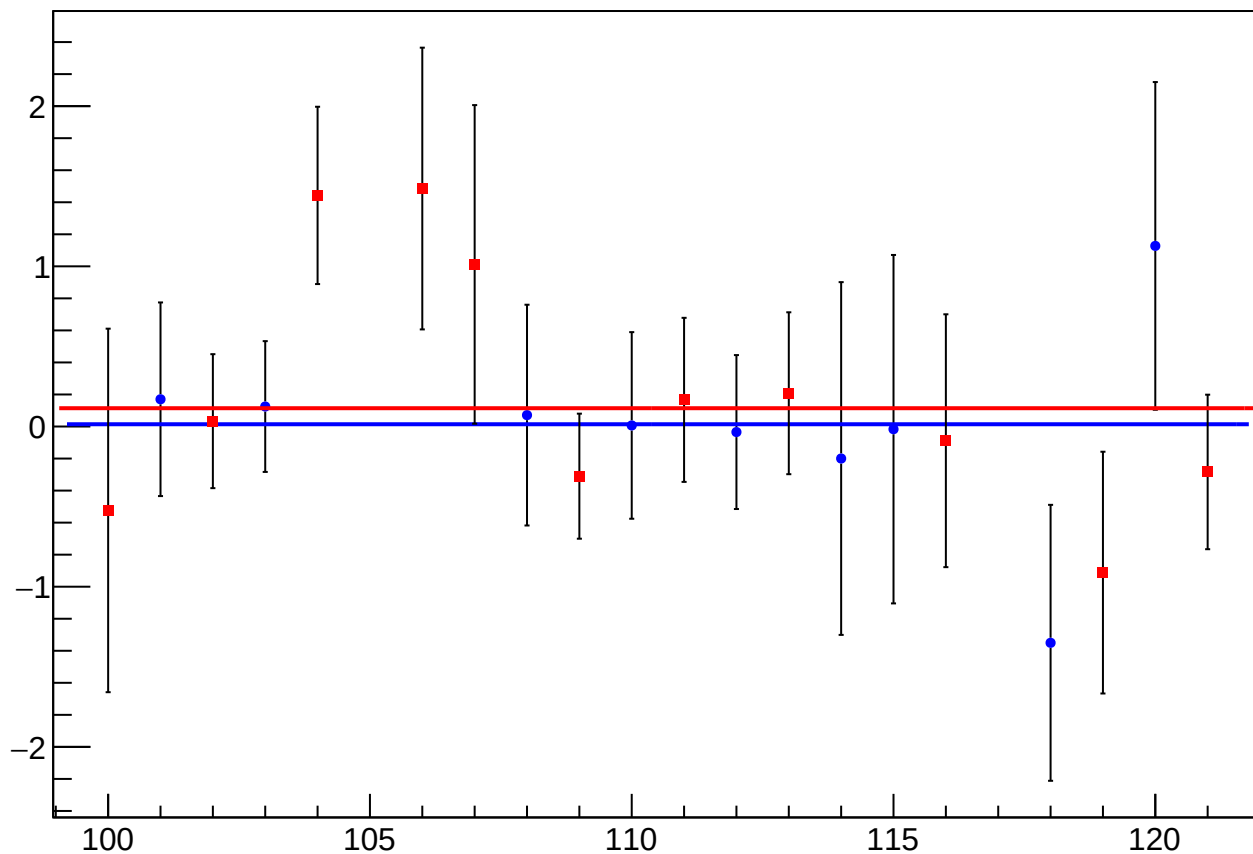
Right: 239.625+/-0.069 χ^2/NDF : 3633384.7/19

In: 237.409+/-0.100 χ^2/NDF : 1707753.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.625+/-0.069 χ^2/NDF : 3633384.7/19

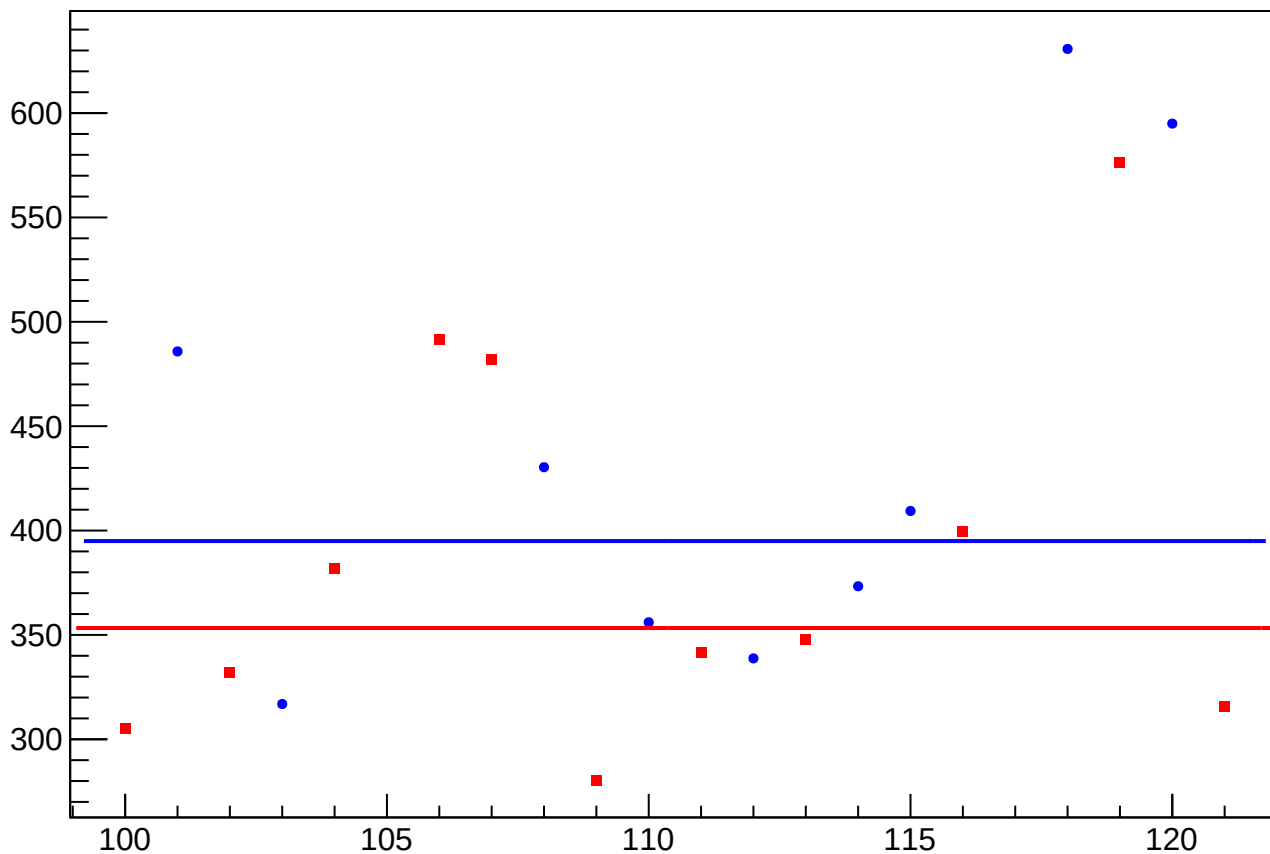
diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.213 χ^2/NDF : 3.9/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.114 $\pm$ 0.171 χ^2/NDF : 13.2/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.075 $\pm$ 0.133 χ^2/NDF : 17.2/19
 In: 0.014 $\pm$ 0.213 χ^2/NDF : 3.9/8
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.075 $\pm$ 0.133 χ^2/NDF : 17.2/19

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 394.961+/-0.150 χ^2/NDF : 387308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 353.311+/-0.121 χ^2/NDF : 361389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

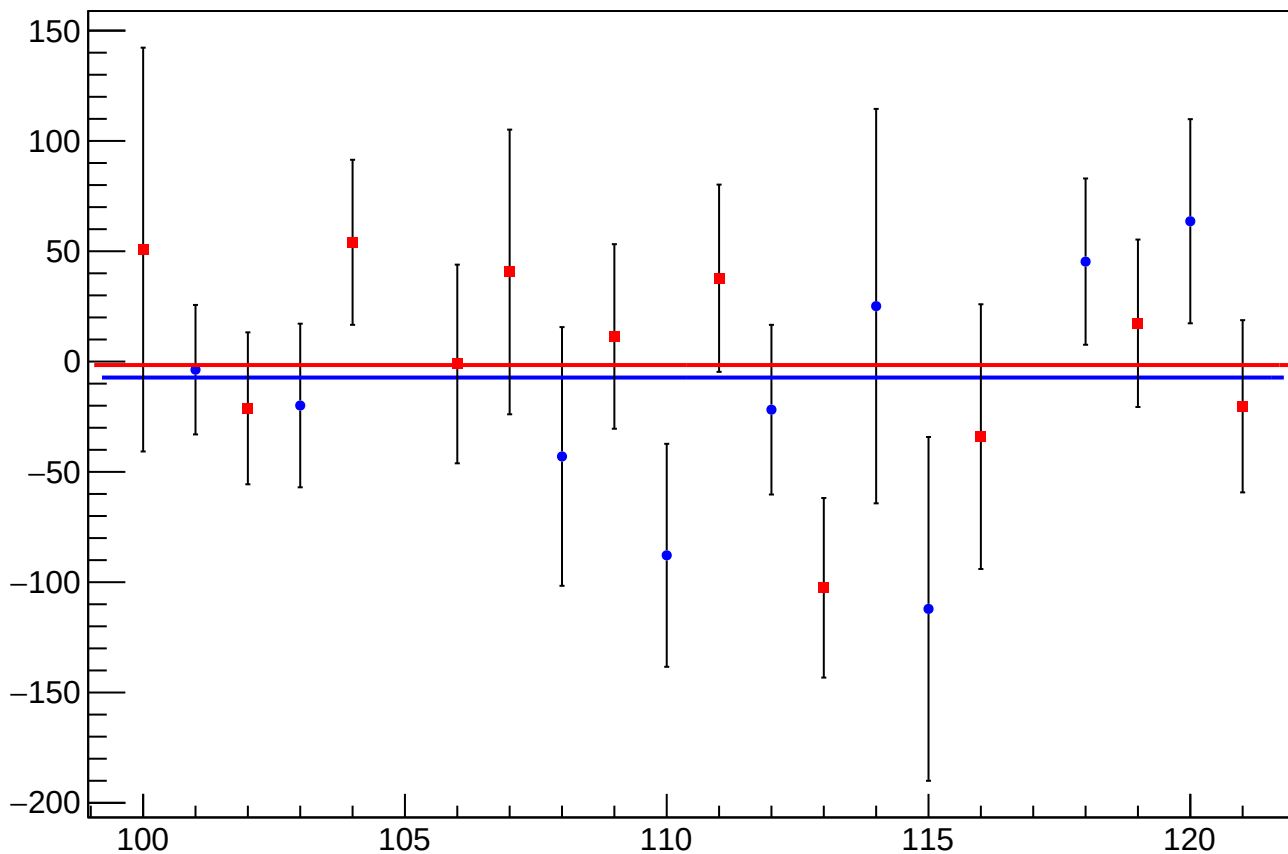
Right: 369.712+/-0.094 χ^2/NDF : 795169.5/19

In: 394.961+/-0.150 χ^2/NDF : 387308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.712+/-0.094 χ^2/NDF : 795169.5/19

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -7.242 ± 14.573 χ^2/NDF : 9.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.577 ± 13.164 χ^2/NDF : 11.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

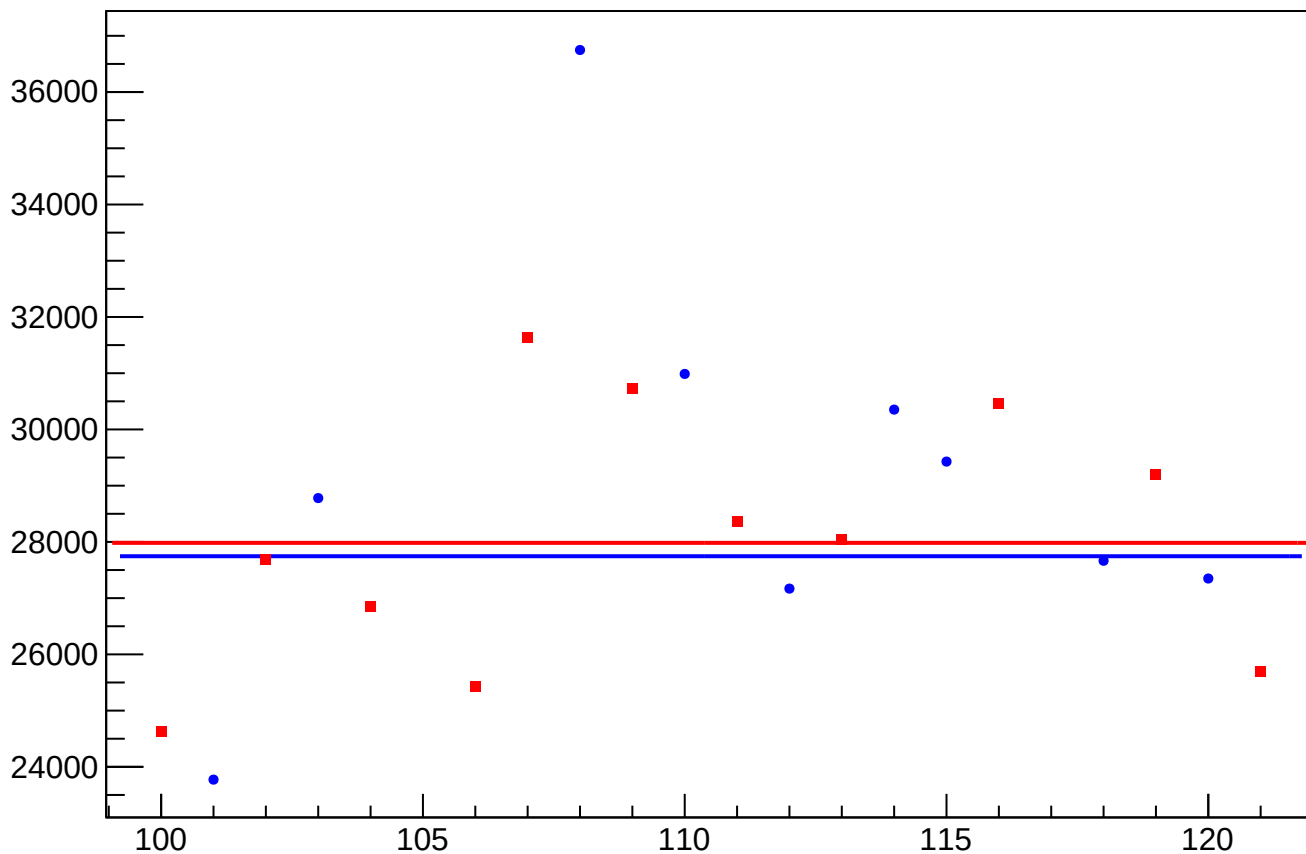
Right: -4.122 ± 9.769 χ^2/NDF : 20.7/19

In: -7.242 ± 14.573 χ^2/NDF : 9.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.122 ± 9.769 χ^2/NDF : 20.7/19

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27983.242+/-9.308 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

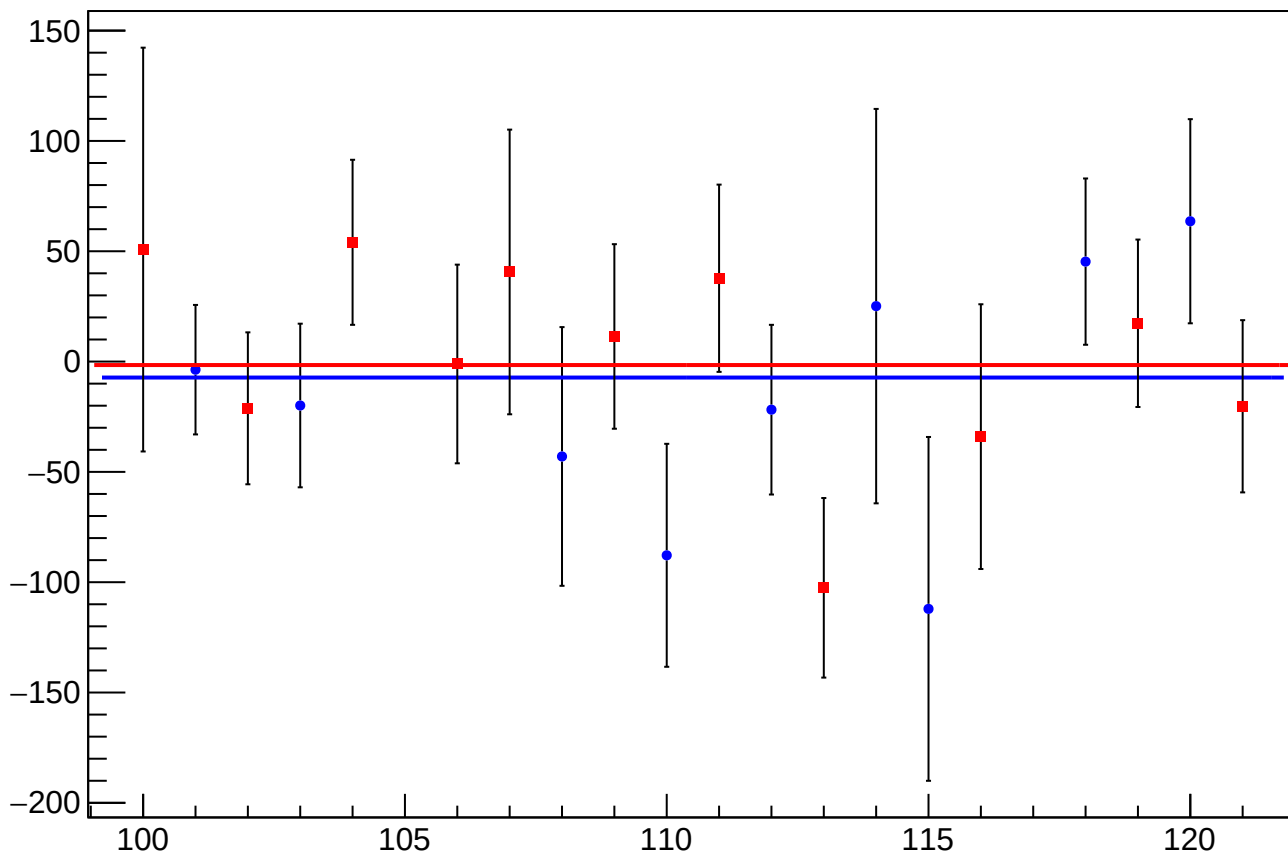
Right: 27876.338+/-6.907 χ^2/NDF : 135700.7/19

In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27876.338+/-6.907 χ^2/NDF : 135700.7/19

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.577+/-13.164 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

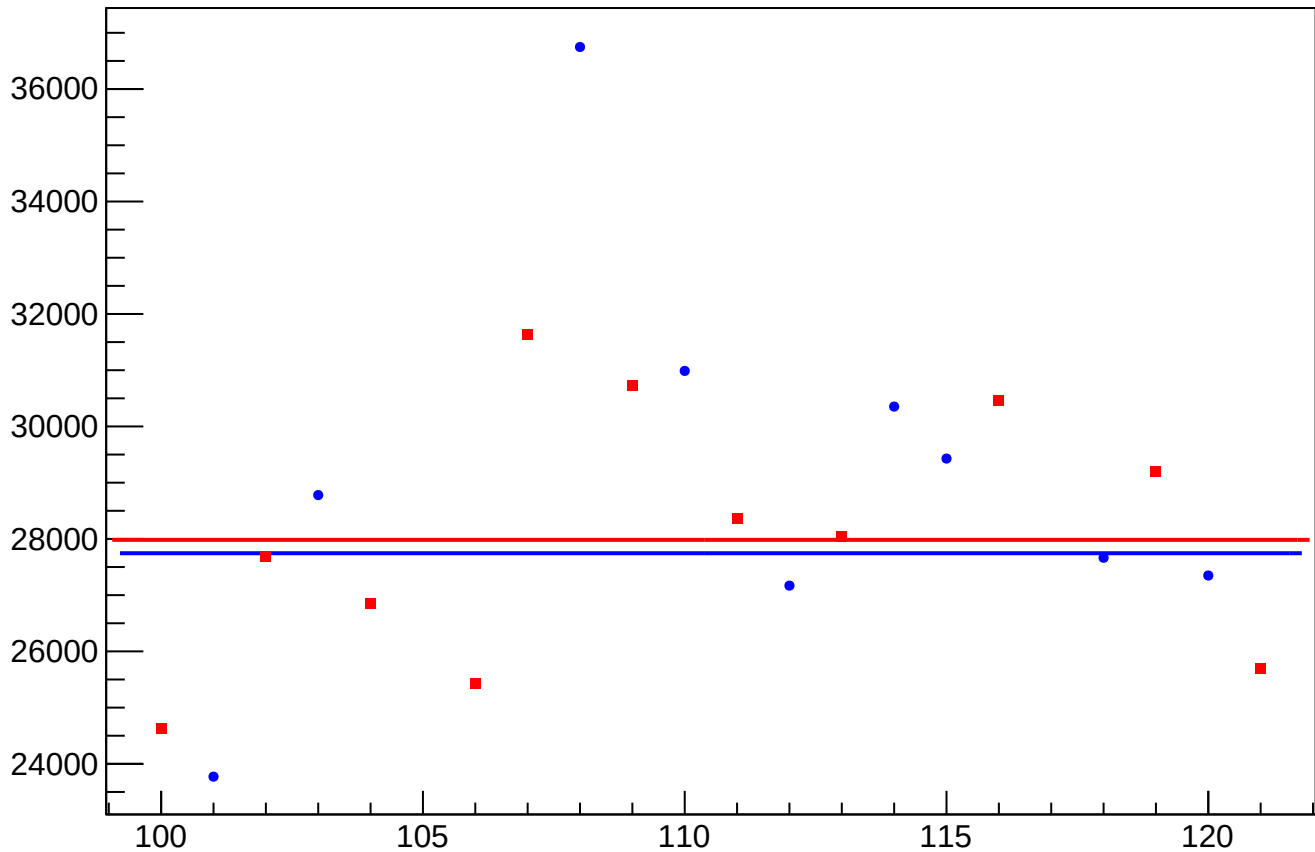
Right: -4.122+/-9.769 χ^2/NDF : 20.7/19

In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.122+/-9.769 χ^2/NDF : 20.7/19

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27983.242+/-9.308 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

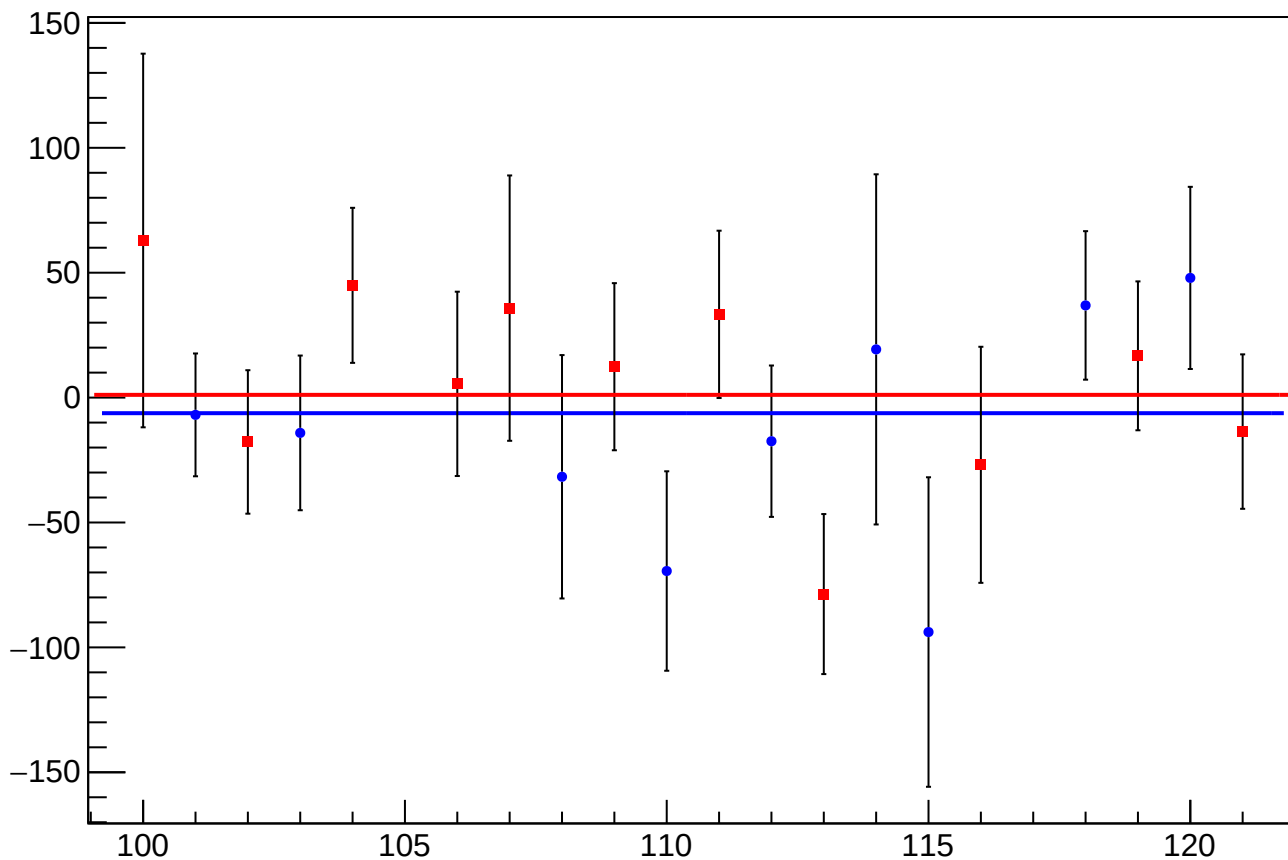
Right: 27876.338+/-6.907 χ^2/NDF : 135700.7/19

In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27876.338+/-6.907 χ^2/NDF : 135700.7/19

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -6.240+/-11.799 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.098+/-10.601 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

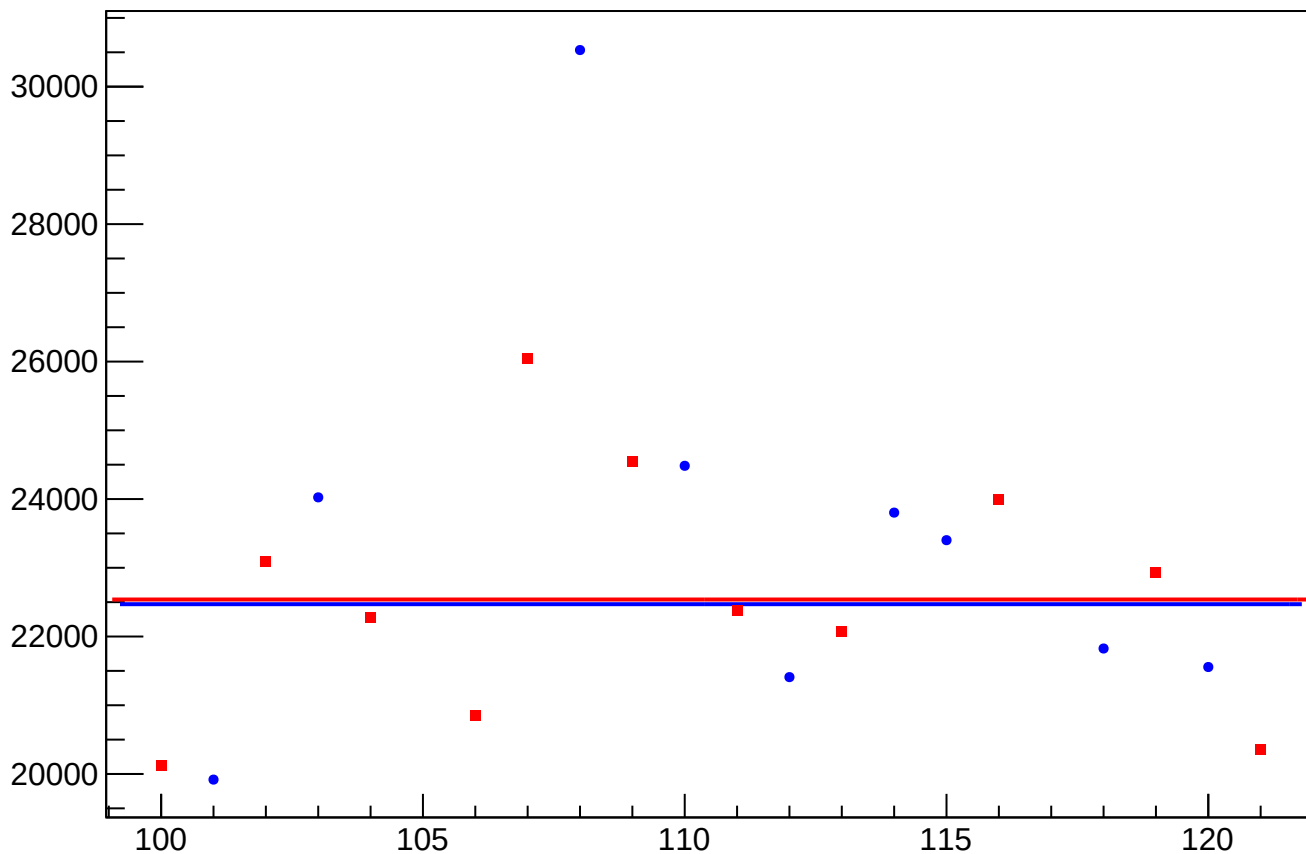
Right: -2.180+/-7.886 χ^2/NDF : 21.3/19

In: -6.240+/-11.799 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.180+/-7.886 χ^2/NDF : 21.3/19

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22470.317+/-8.343 χ^2/NDF : 92280.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22538.431+/-7.496 χ^2/NDF : 35703.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

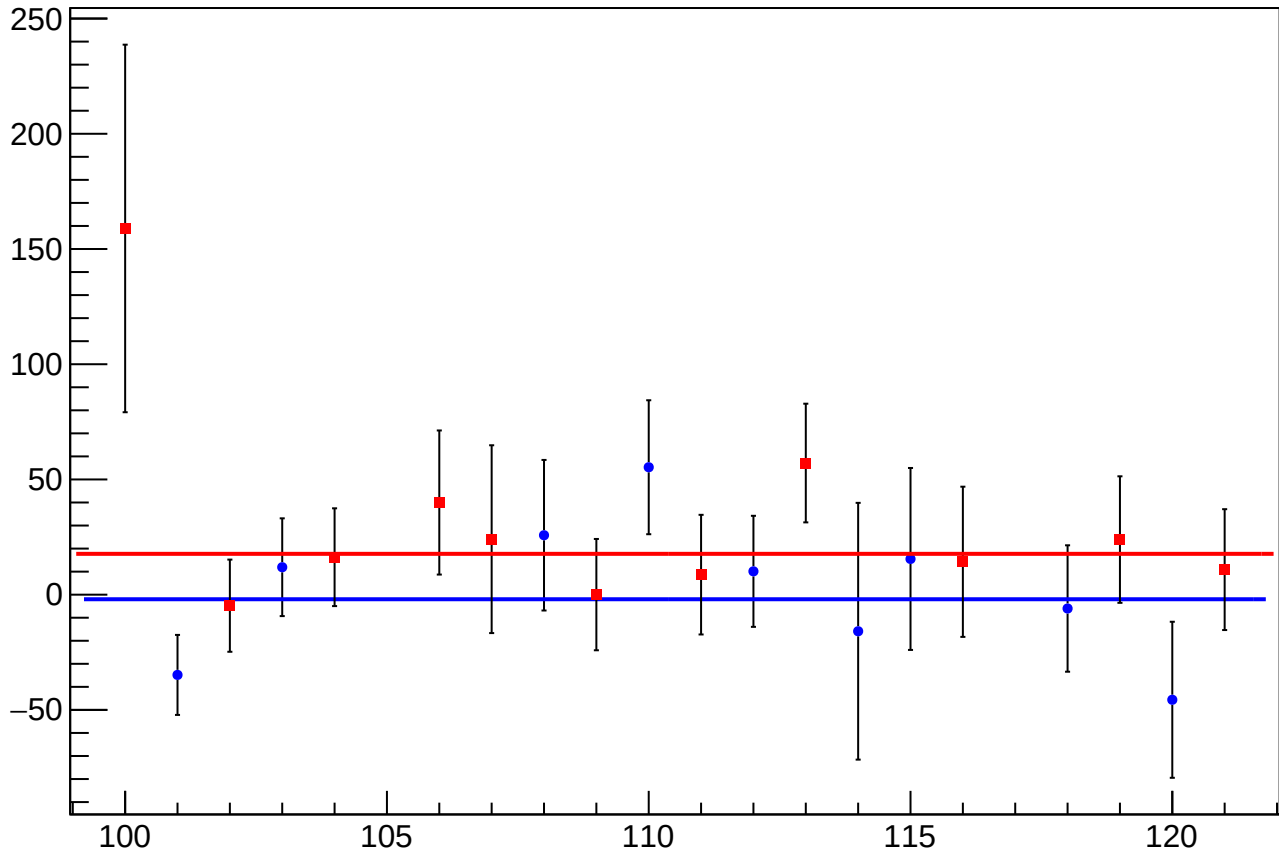
Right: 22508.006+/-5.576 χ^2/NDF : 128021.4/19

In: 22470.317+/-8.343 χ^2/NDF : 92280.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22508.006+/-5.576 χ^2/NDF : 128021.4/19

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -1.983 ± 8.927 χ^2/NDF : 10.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.722 ± 8.183 χ^2/NDF : 8.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

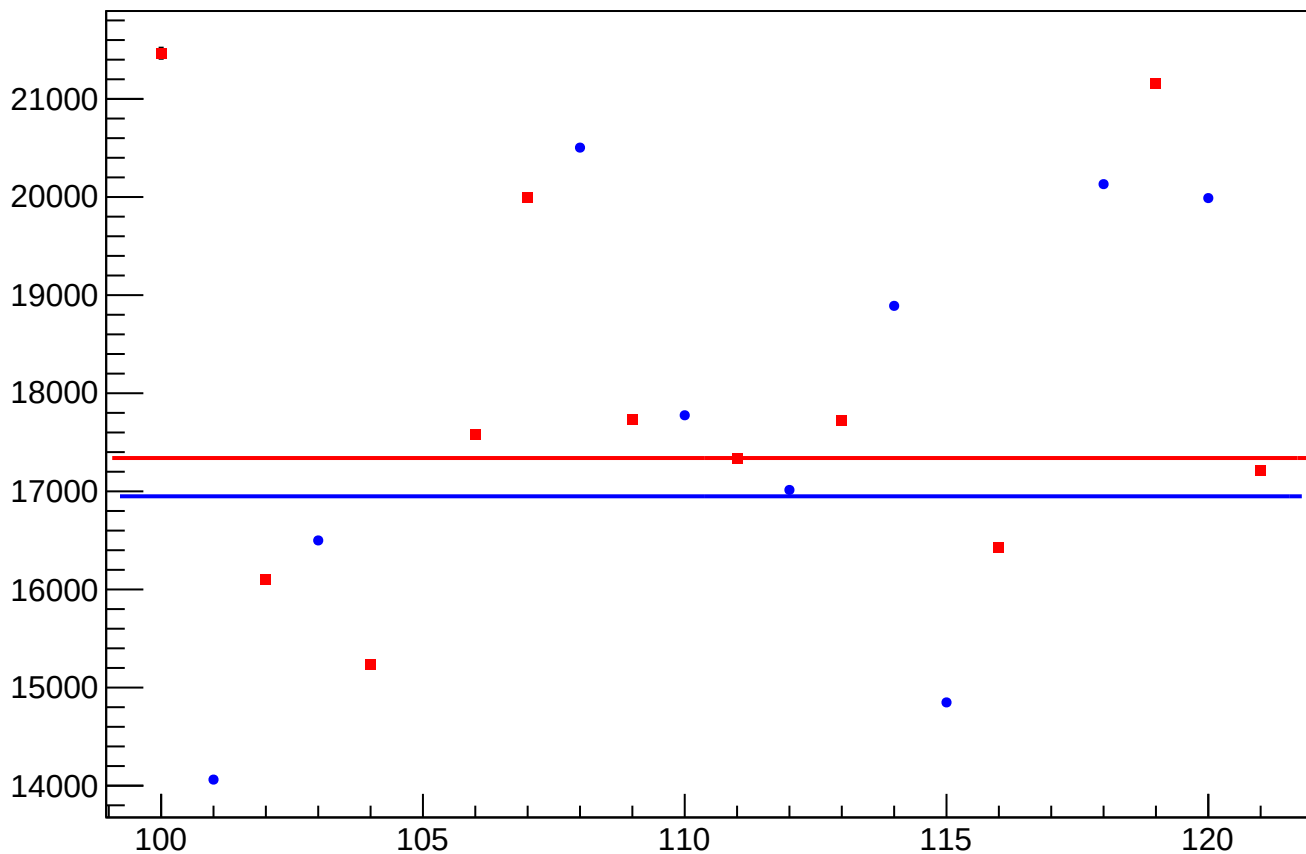
Right: 8.725 ± 6.032 χ^2/NDF : 21.5/19

In: -1.983 ± 8.927 χ^2/NDF : 10.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.725 ± 6.032 χ^2/NDF : 21.5/19

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16949.562+/-6.312 χ^2/NDF : 132643.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17339.725+/-5.786 χ^2/NDF : 82529.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

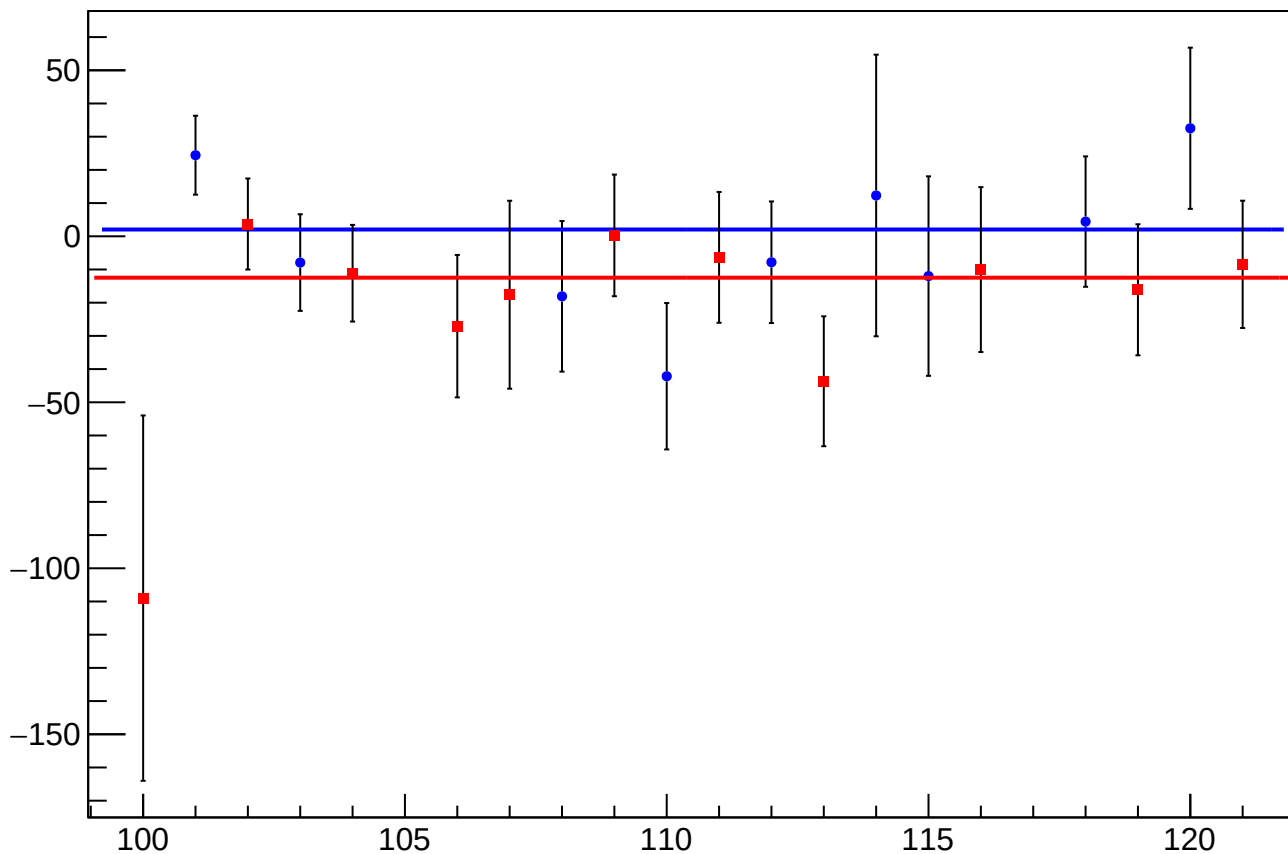
Right: 17161.577+/-4.265 χ^2/NDF : 217248.9/19

In: 16949.562+/-6.312 χ^2/NDF : 132643.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17161.577+/-4.265 χ^2/NDF : 217248.9/19

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 2.043+/-6.358 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.469+/-5.886 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

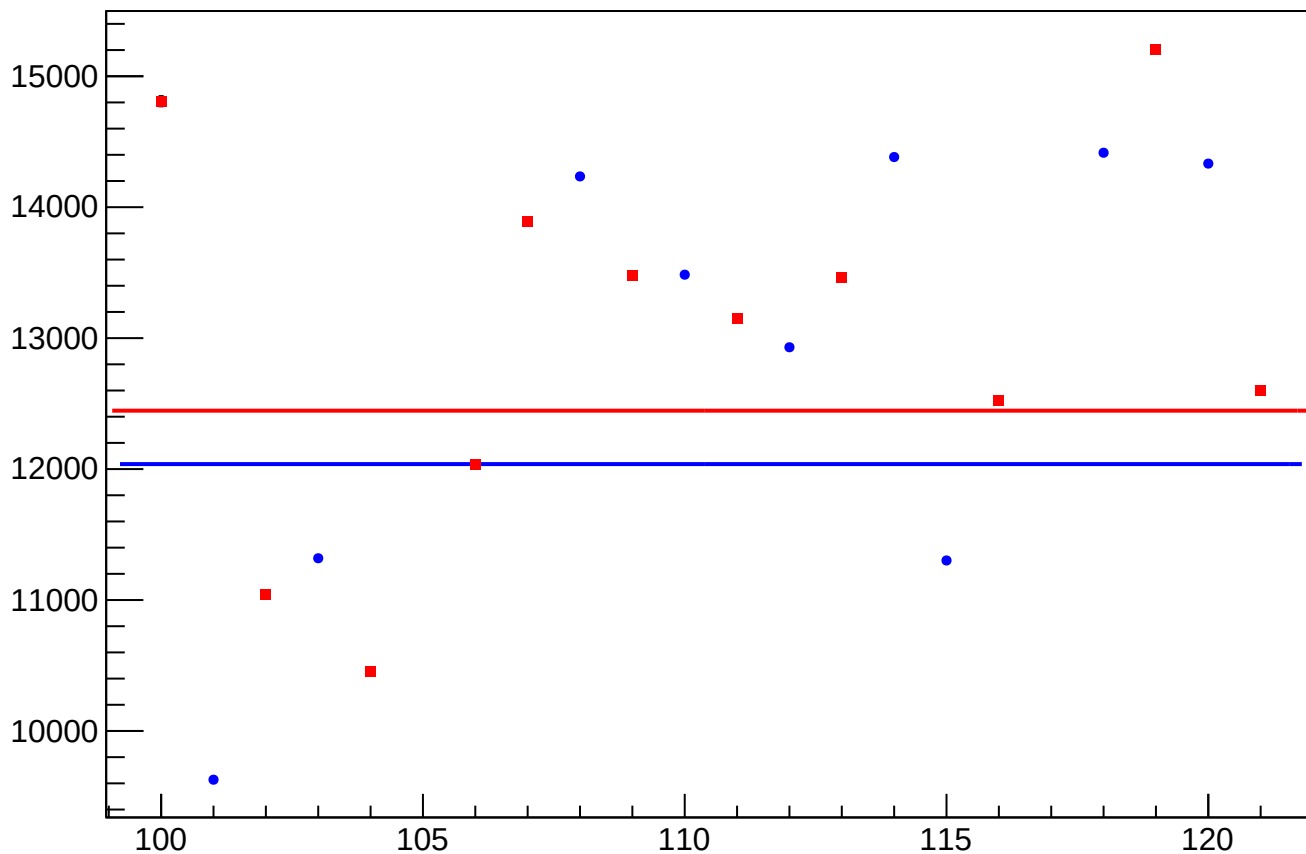
Right: -5.772+/-4.319 χ^2/NDF : 22.0/19

In: 2.043+/-6.358 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.772+/-4.319 χ^2/NDF : 22.0/19

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 12038.126+/-4.496 χ^2/NDF : 173726.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12446.073+/-4.162 χ^2/NDF : 121526.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

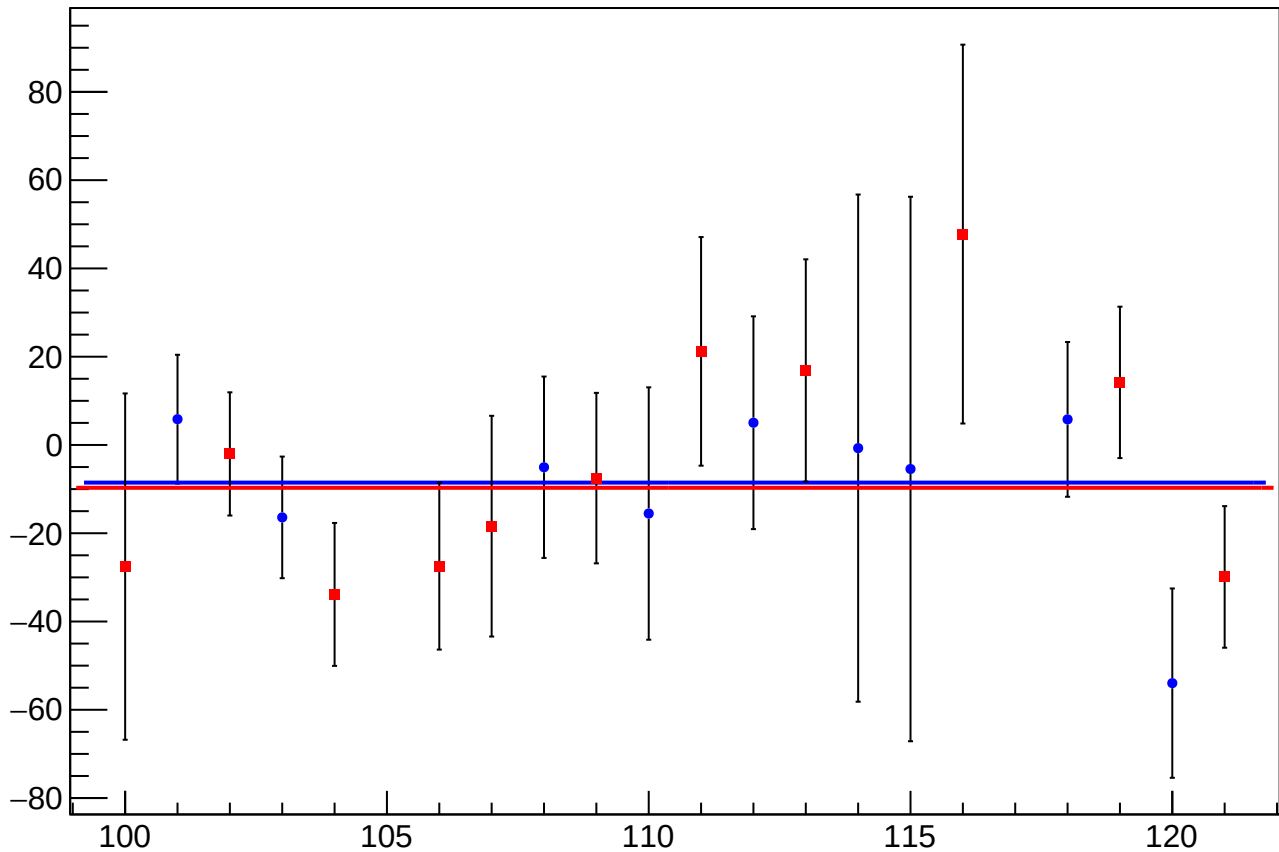
Right: 12257.821+/-3.054 χ^2/NDF : 299687.1/19

In: 12038.126+/-4.496 χ^2/NDF : 173726.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12257.821+/-3.054 χ^2/NDF : 299687.1/19

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -8.527+/-6.857 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.700+/-6.024 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

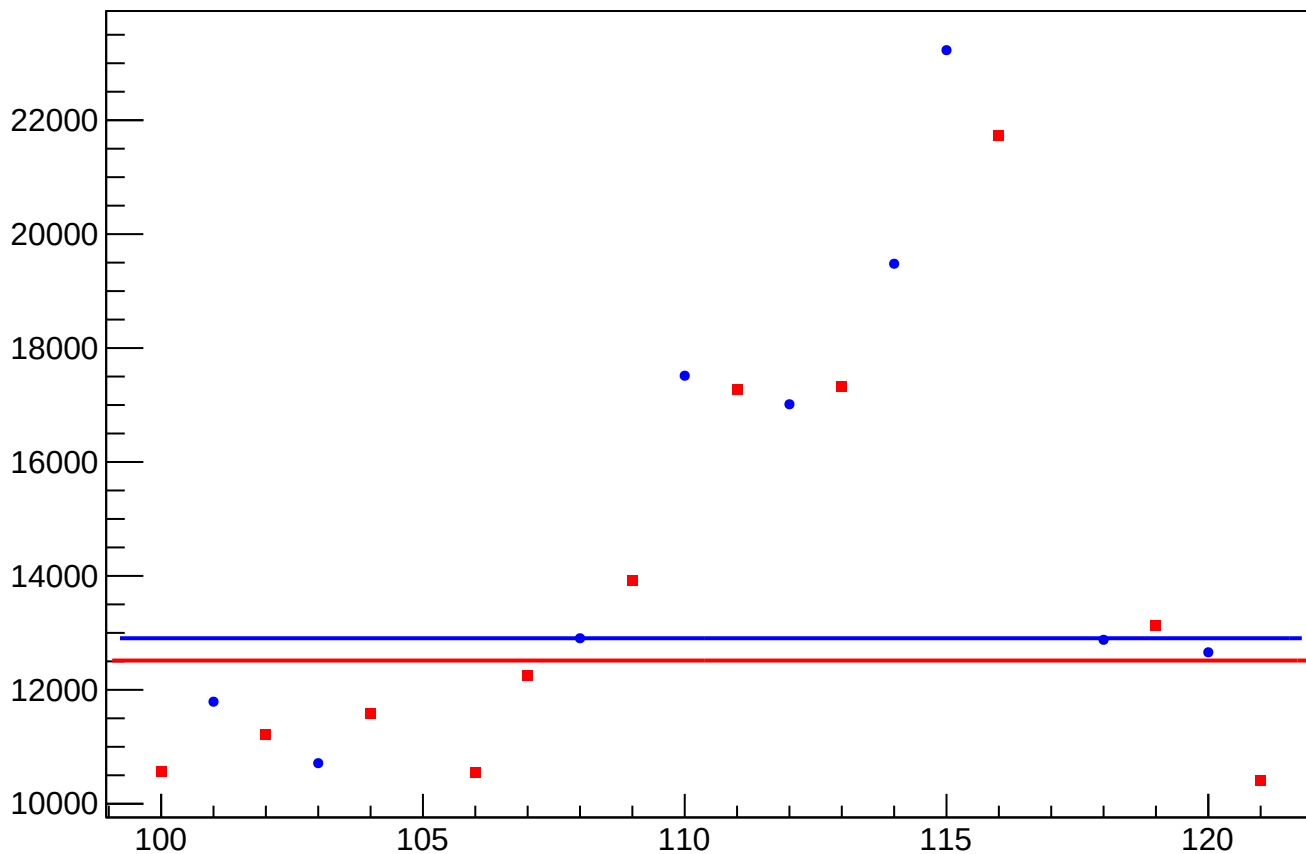
Right: -9.189+/-4.525 χ^2/NDF : 18.5/19

In: -8.527+/-6.857 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.189+/-4.525 χ^2/NDF : 18.5/19

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12905.621+/-4.848 χ^2/NDF : 254829.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12514.342+/-4.259 χ^2/NDF : 331010.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

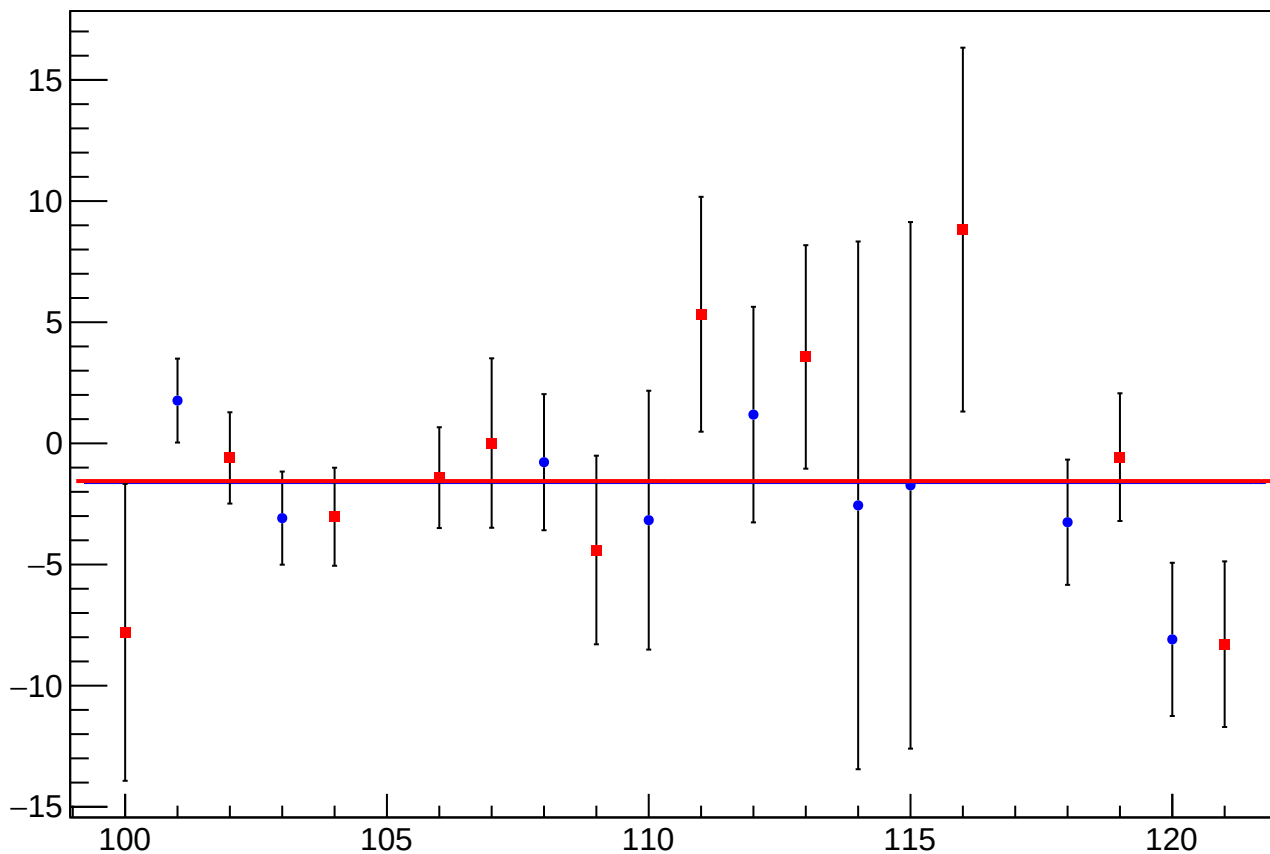
Right: 12684.778+/-3.200 χ^2/NDF : 589515.9/19

In: 12905.621+/-4.848 χ^2/NDF :254829.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12684.778+/-3.200 χ^2/NDF : 589515.9/19

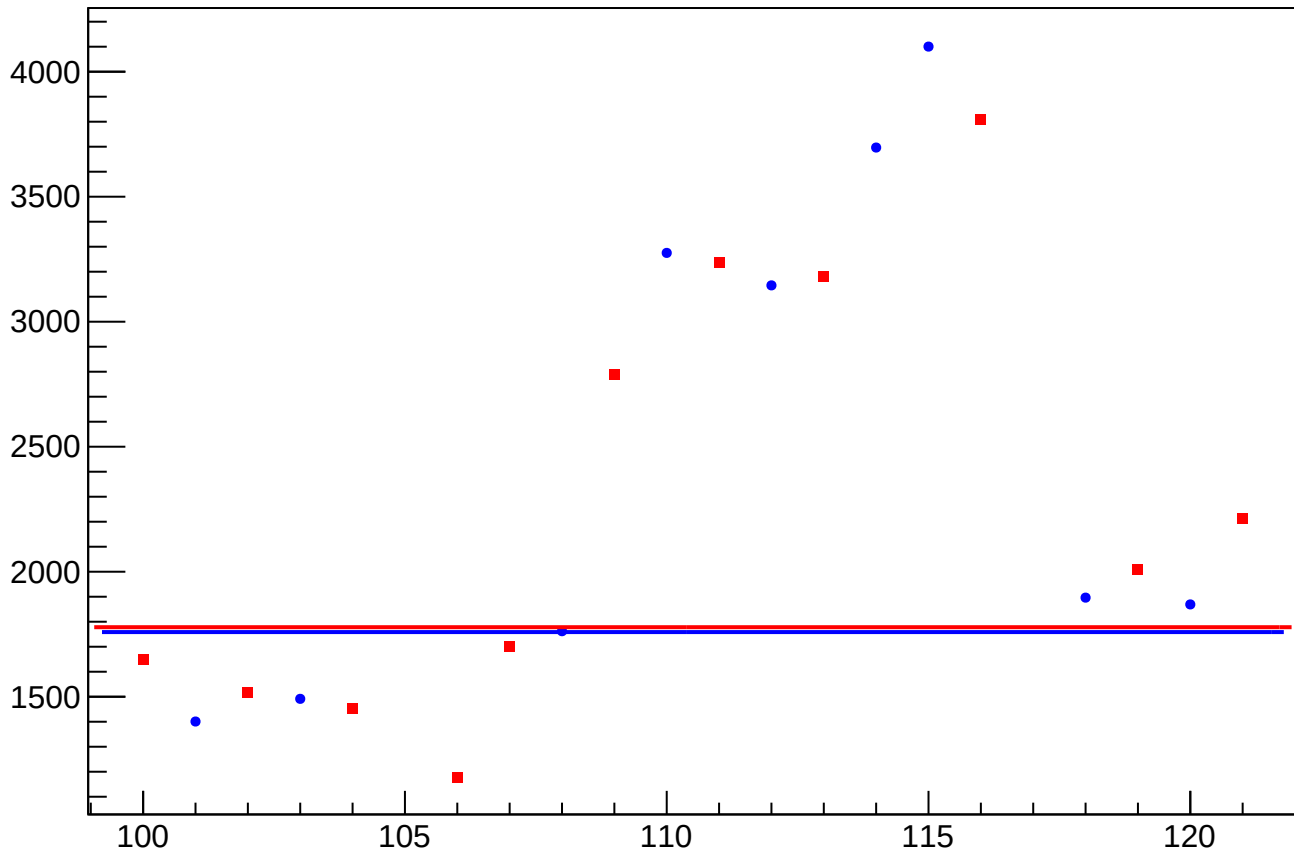
diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.596+/-0.961 χ^2/NDF : 9.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.556+/-0.888 χ^2/NDF : 11.7/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.574+/-0.652 χ^2/NDF : 21.3/19
 In: -1.596+/-0.961 χ^2/NDF :9.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.574+/-0.652 χ^2/NDF : 21.3/19

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1758.571+/-0.679 χ^2/NDF : 643868.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1778.074+/-0.628 χ^2/NDF : 954128.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

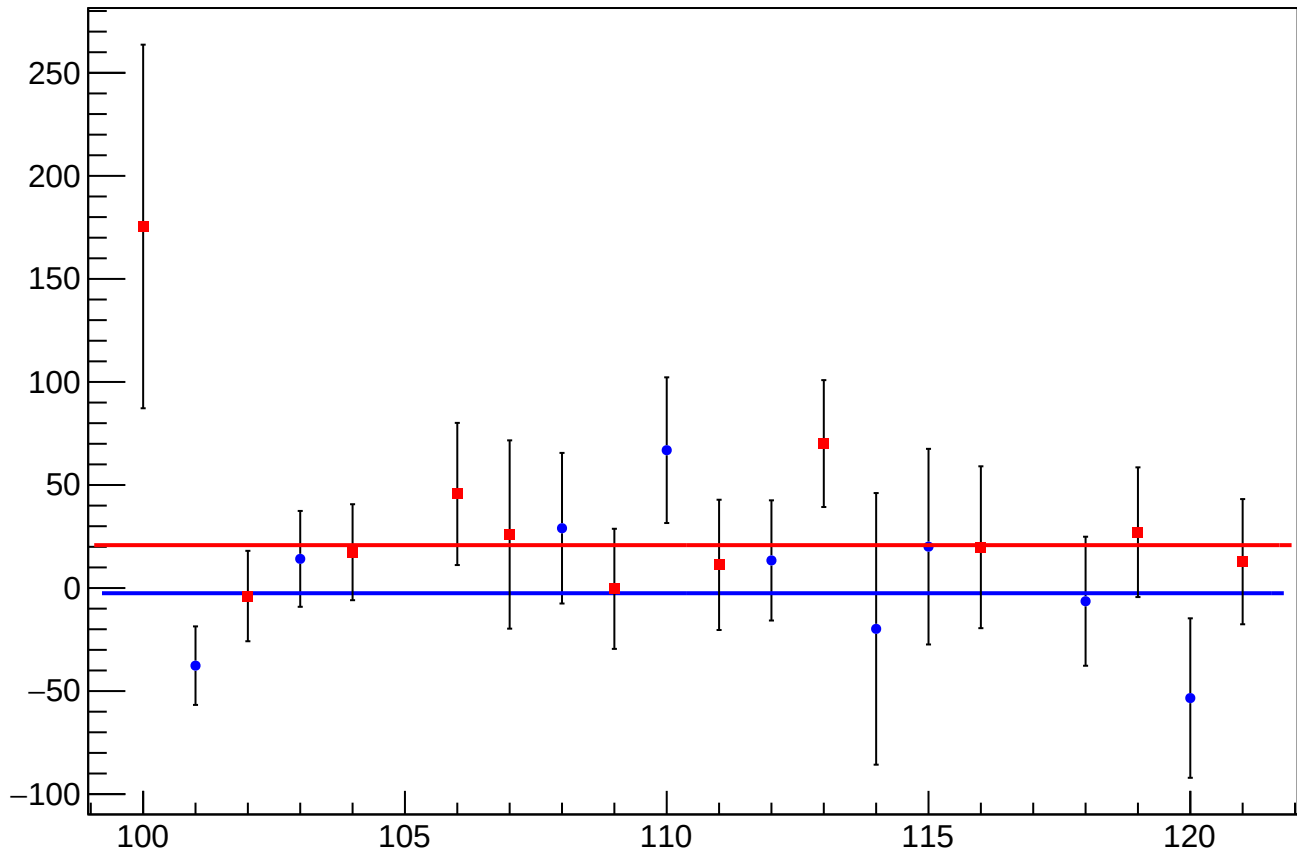
Right: 1769.091+/-0.461 χ^2/NDF : 1598441.3/19

In: 1758.571+/-0.679 χ^2/NDF :643868.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1769.091+/-0.461 χ^2/NDF : 1598441.3/19

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -2.515+/-10.158 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.814+/-9.388 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

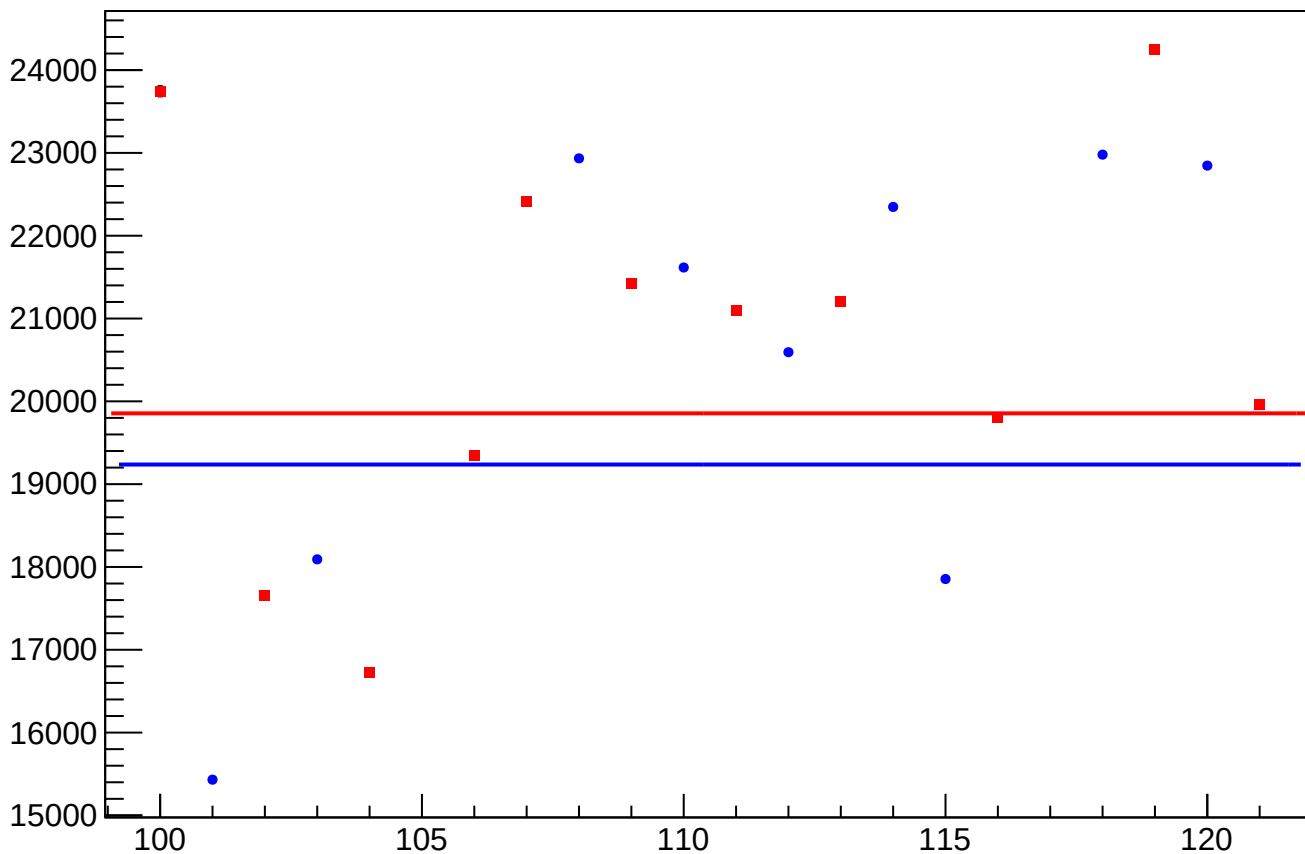
Right: 10.067+/-6.894 χ^2/NDF : 21.9/19

In: -2.515+/-10.158 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.067+/-6.894 χ^2/NDF : 21.9/19

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 19236.832 $\pm$ 7.183 χ^2 /NDF: 170638.3/8

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 19854.948 $\pm$ -6.638 χ^2 /NDF: 118527.9/10

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

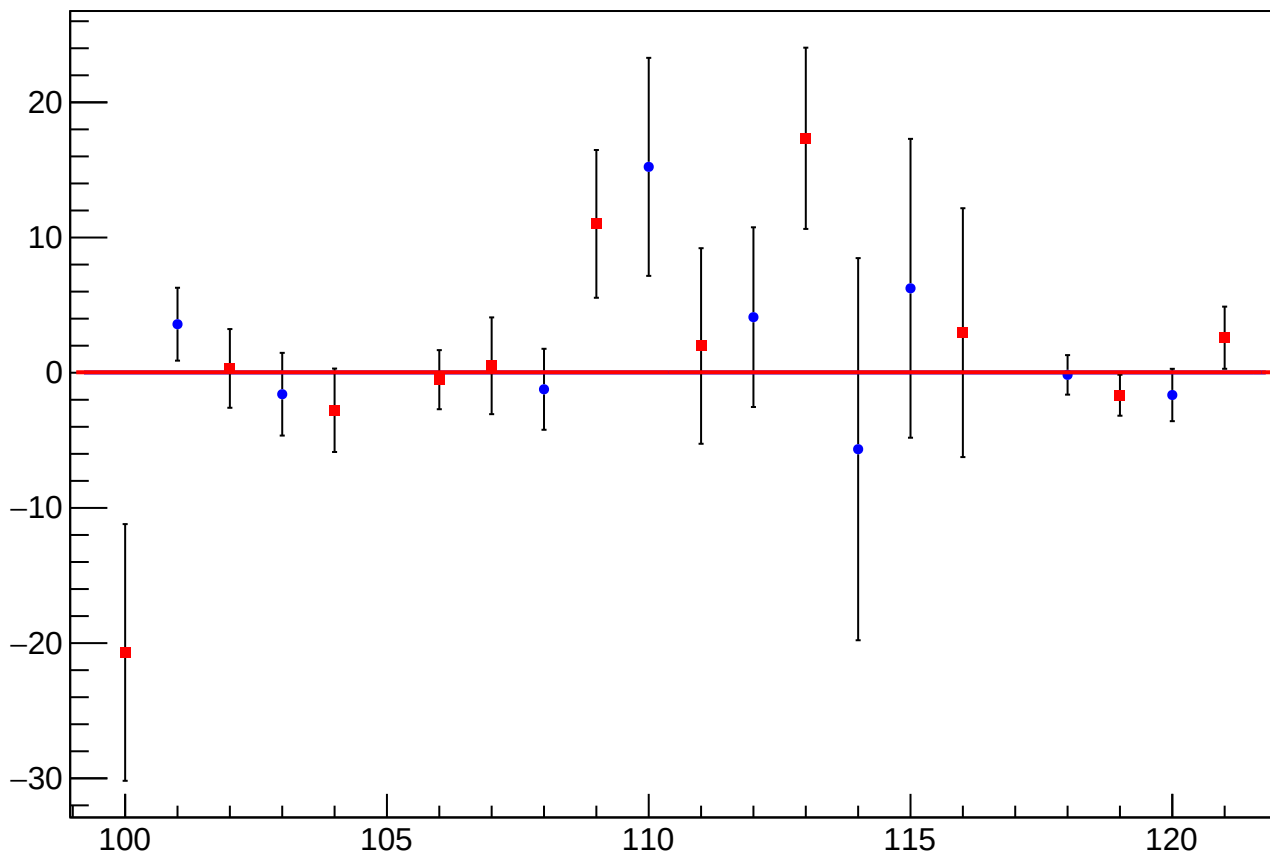
Right: 19570.211 $\pm$ -4.875 χ^2 /NDF: 293160.2/19

In: 19236.832 $\pm$ -7.183 χ^2 /NDF:170638.3/8

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 19570.211 $\pm$ -4.875 χ^2 /NDF: 293160.2/19

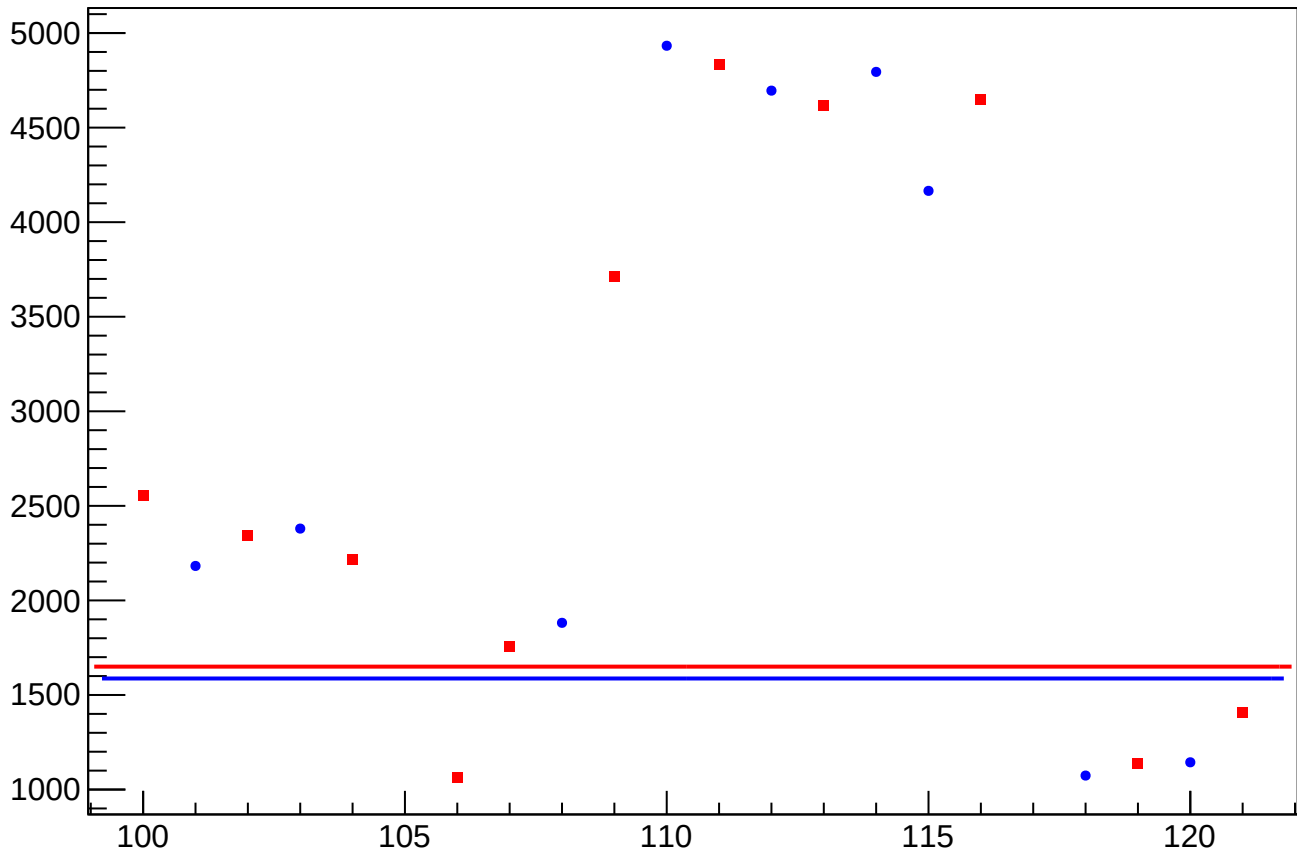
diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.936 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.034+/-0.901 χ^2/NDF : 19.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.028+/-0.649 χ^2/NDF : 26.4/19
 In: 0.021+/-0.936 χ^2/NDF : 7.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.028+/-0.649 χ^2/NDF : 26.4/19

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1587.205+/-0.662 χ^2/NDF : 1596008.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1649.922+/-0.637 χ^2/NDF : 1874823.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

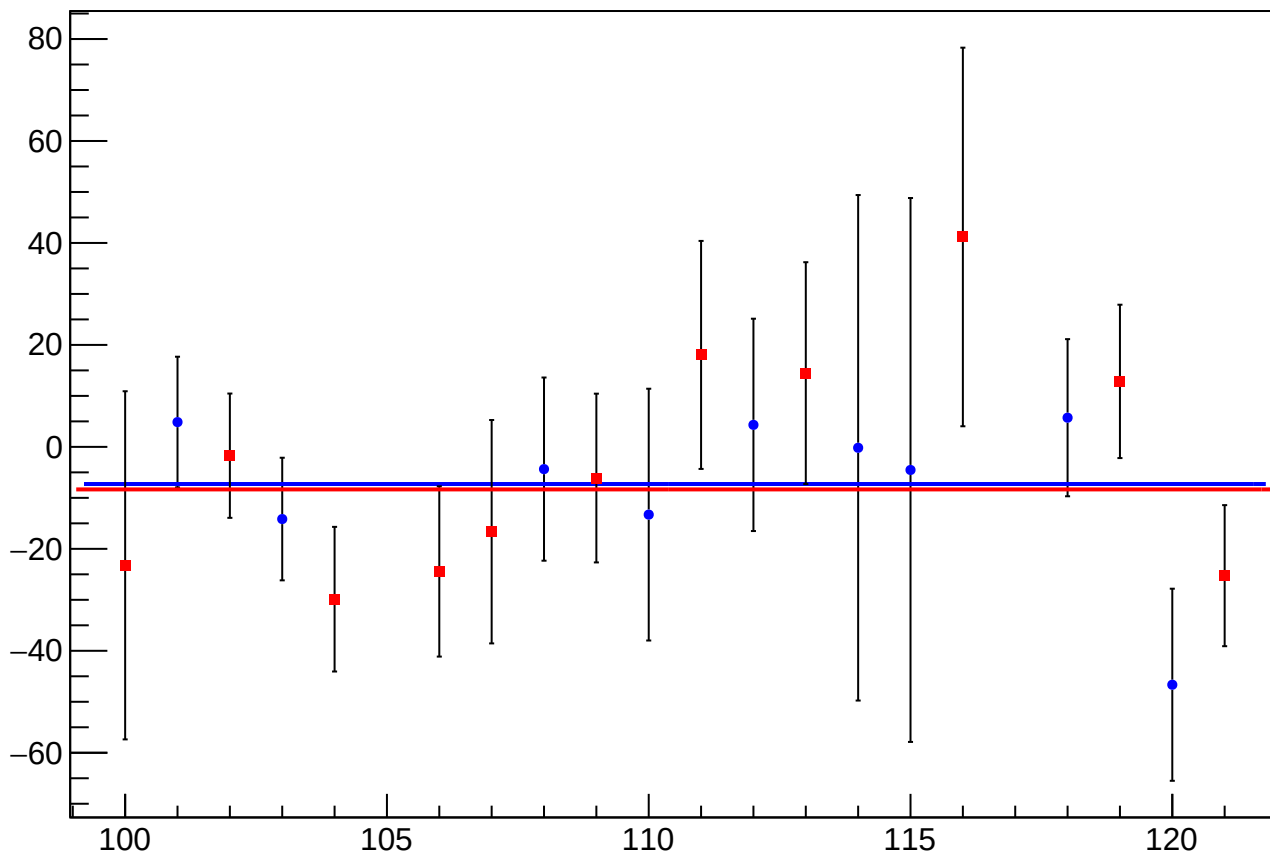
Right: 1619.764+/-0.459 χ^2/NDF : 3475495.2/19

In: 1587.205+/-0.662 χ^2/NDF : 1596008.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.764+/-0.459 χ^2/NDF : 3475495.2/19

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -7.285 ± 5.995 χ^2/NDF : 6.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.344 ± 5.244 χ^2/NDF : 11.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

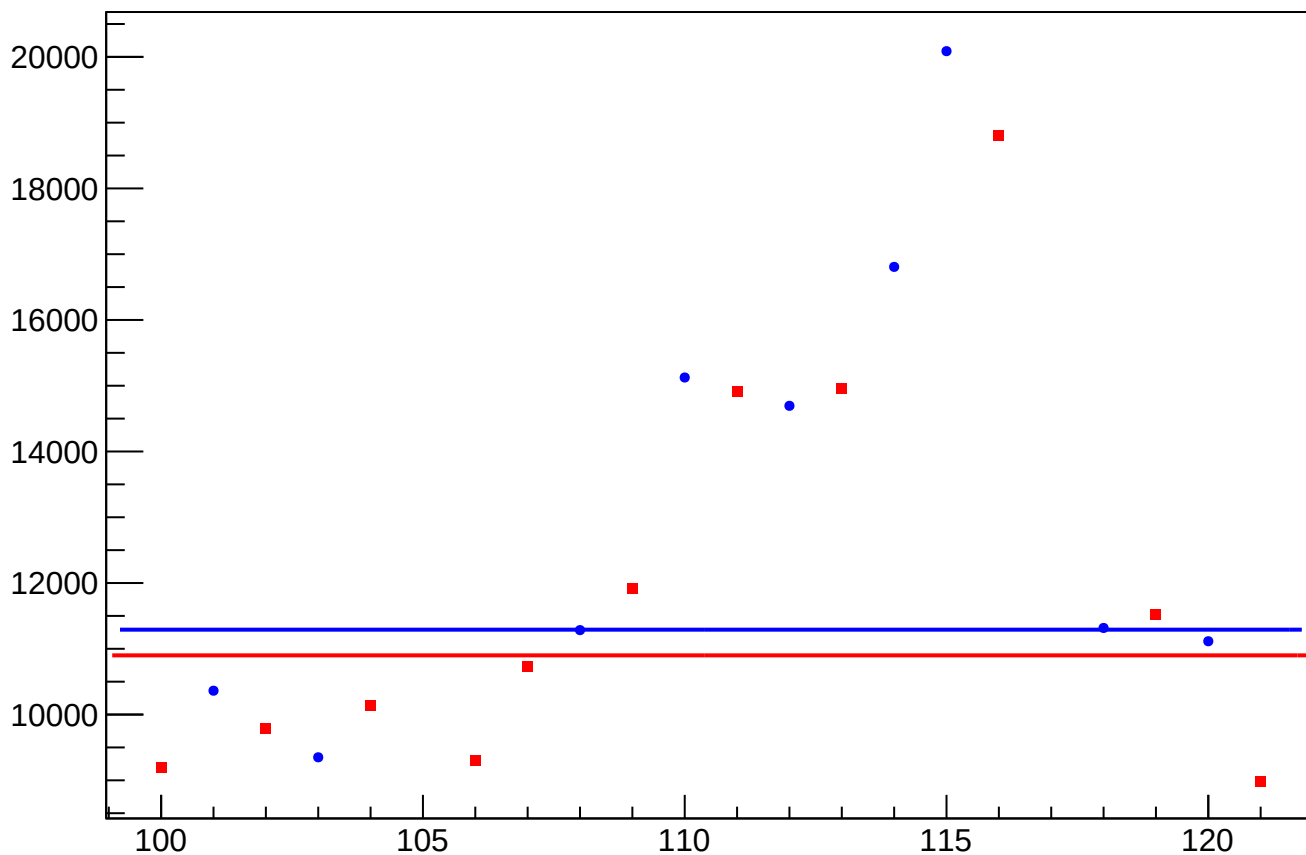
Right: -7.885 ± 3.947 χ^2/NDF : 18.4/19

In: -7.285 ± 5.995 χ^2/NDF : 6.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.885 ± 3.947 χ^2/NDF : 18.4/19

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11290.788+/-4.239 χ^2/NDF : 243555.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10900.109+/-3.708 χ^2/NDF : 319647.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

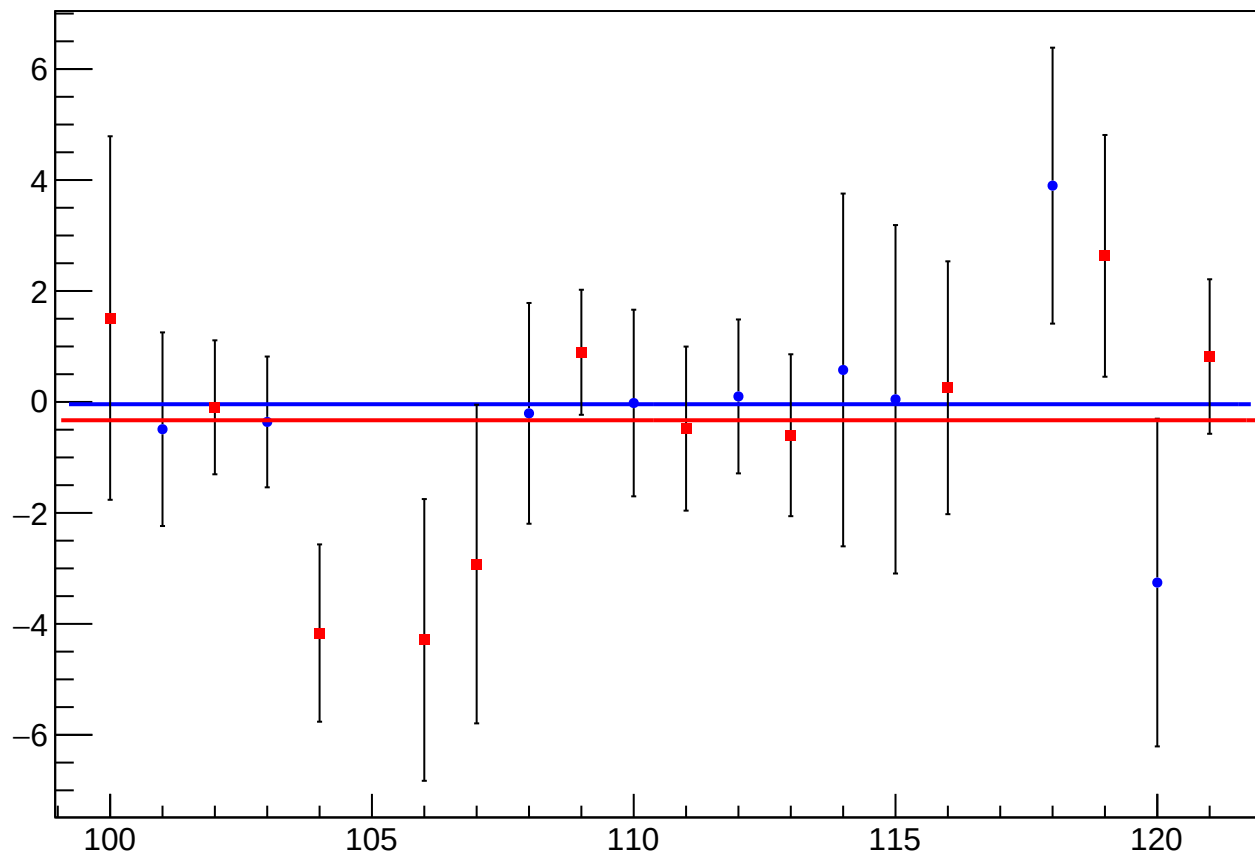
Right: 11069.485+/-2.791 χ^2/NDF : 568014.8/19

In: 11290.788+/-4.239 χ^2/NDF :243555.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11069.485+/-2.791 χ^2/NDF : 568014.8/19

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.041+/-0.614 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.330+/-0.495 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

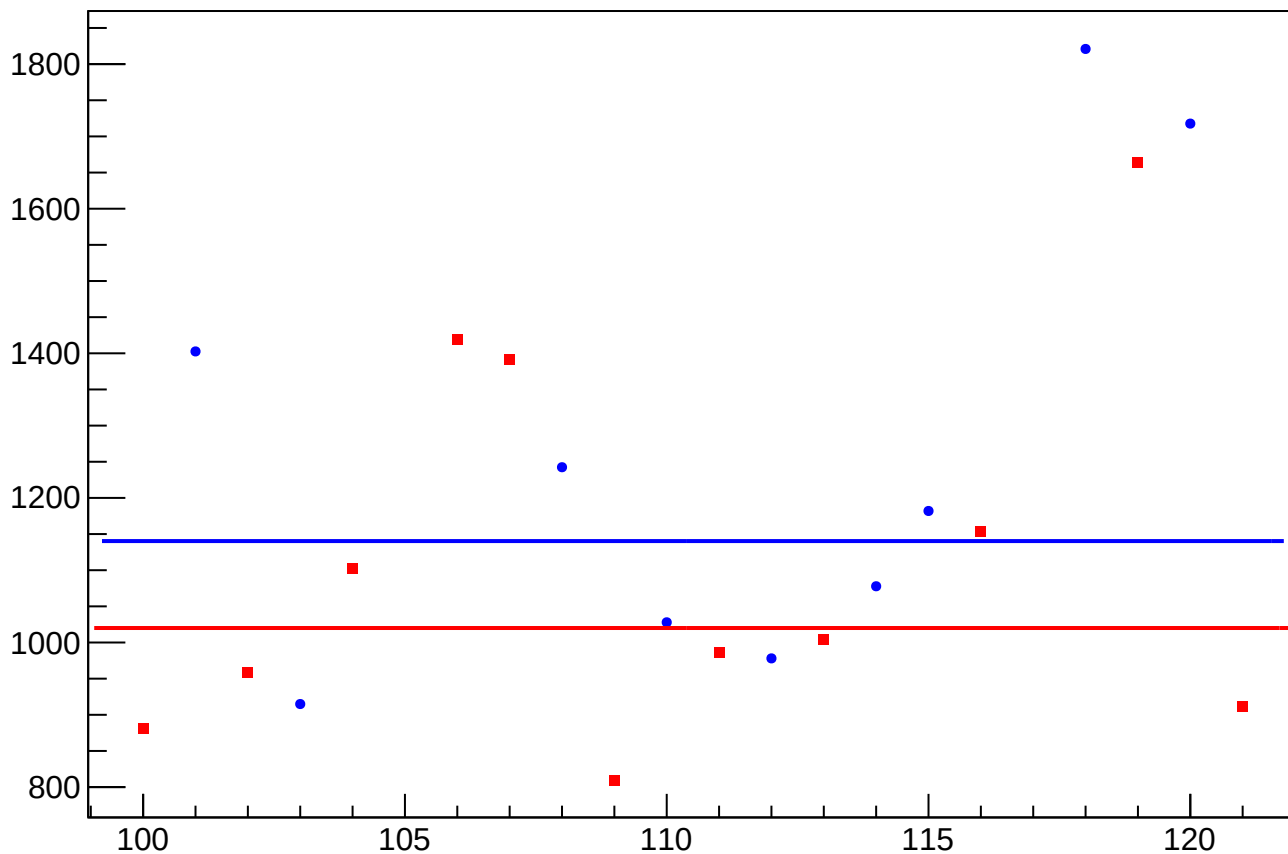
Right: -0.216+/-0.385 χ^2/NDF : 17.2/19

In: -0.041+/-0.614 χ^2/NDF :3.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.216+/-0.385 χ^2/NDF : 17.2/19

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1140.300+/-0.434 χ^2/NDF : 387308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.052+/-0.350 χ^2/NDF : 361389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

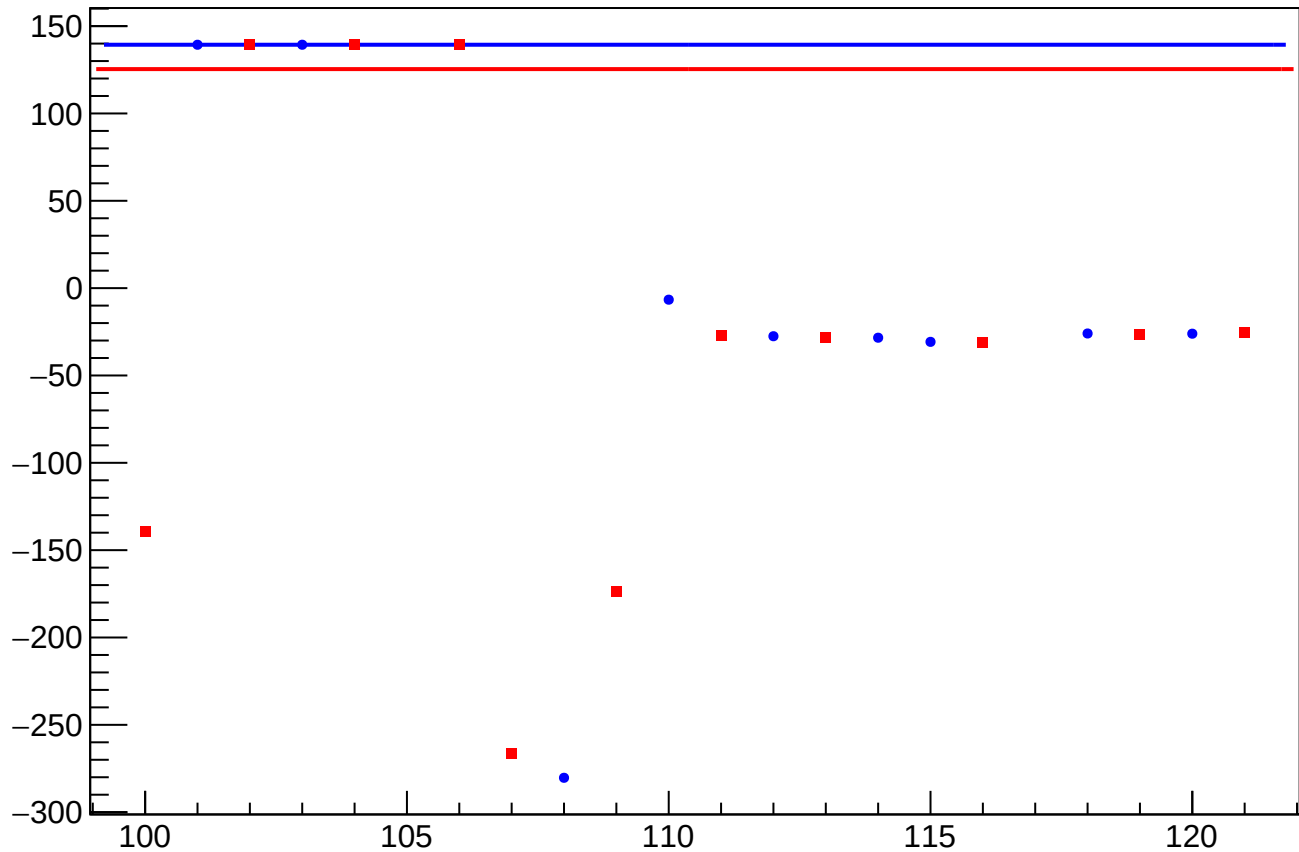
Right: 1067.402+/-0.273 χ^2/NDF : 795169.5/19

In: 1140.300+/-0.434 χ^2/NDF : 387308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1067.402+/-0.273 χ^2/NDF : 795169.5/19

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 21029318767.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.392+/-0.000 χ^2/NDF : 774155792889509.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

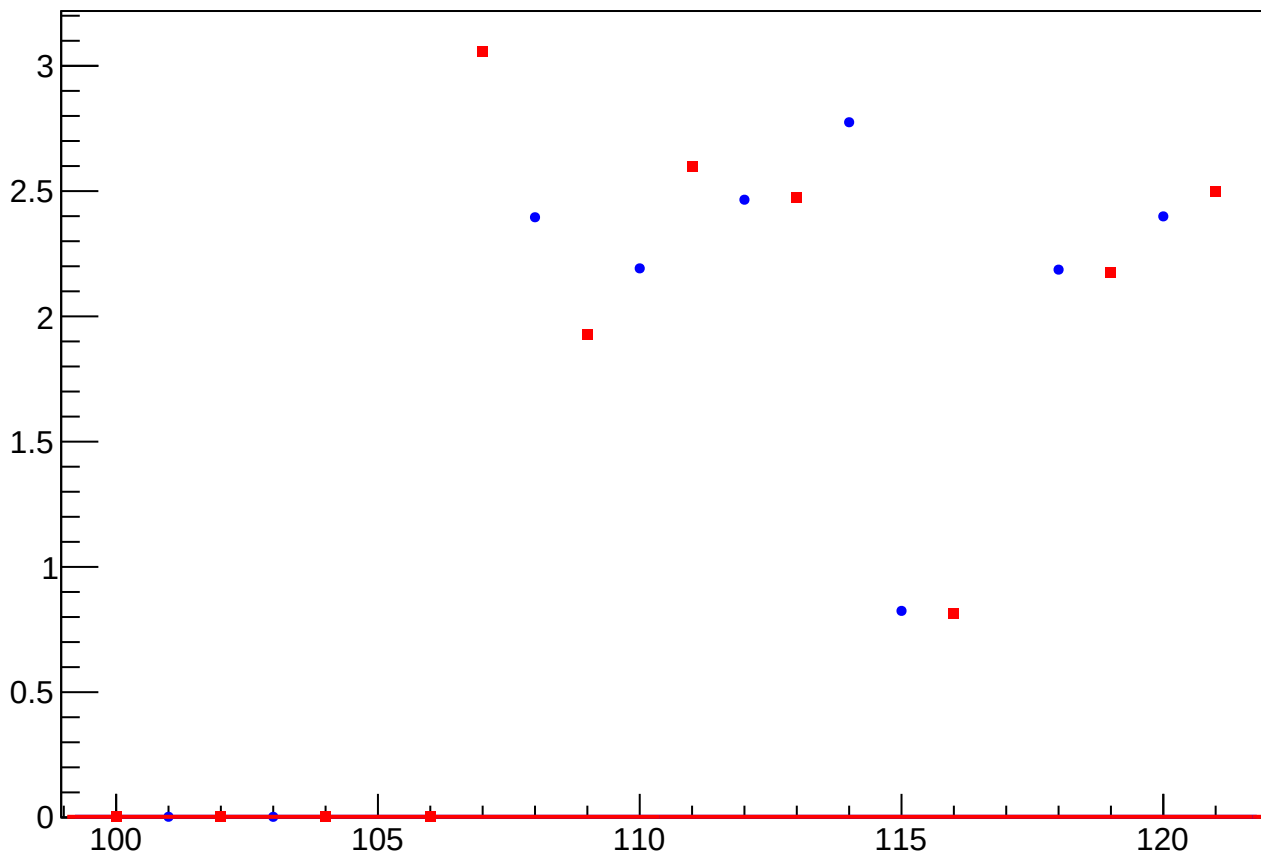
Right: 131.819+/-0.000 χ^2/NDF : 792962412349158

In: 139.338+/-0.000 χ^2/NDF : 21029318767.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792962412349

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3959041.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4926092.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

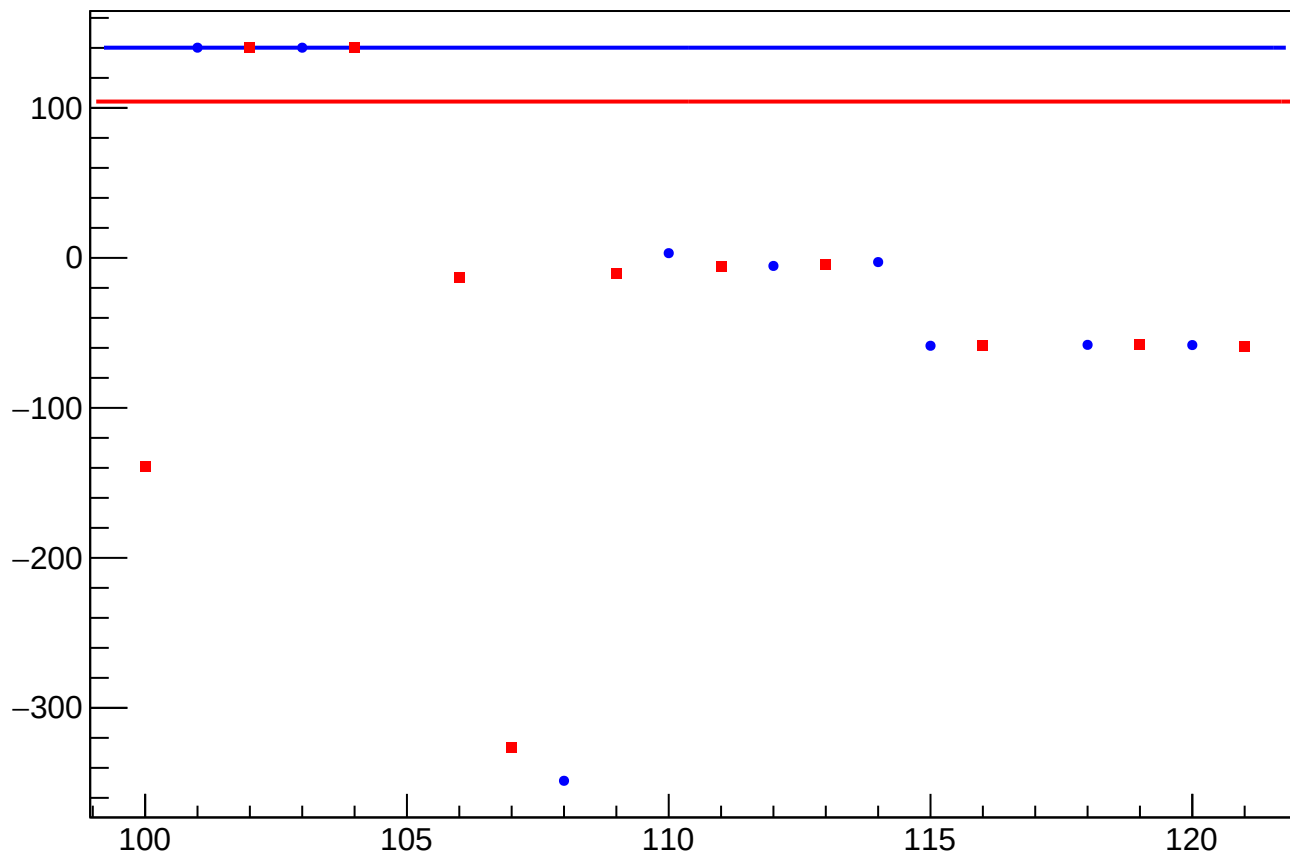
Right: 0.003+/-0.000 χ^2/NDF : 8885286.5/19

In: 0.003+/-0.000 χ^2/NDF :3959041.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8885286.5/19

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148+/-0.000 χ^2/NDF : 28275692545.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.227+/-0.000 χ^2/NDF : 1257317228812868.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

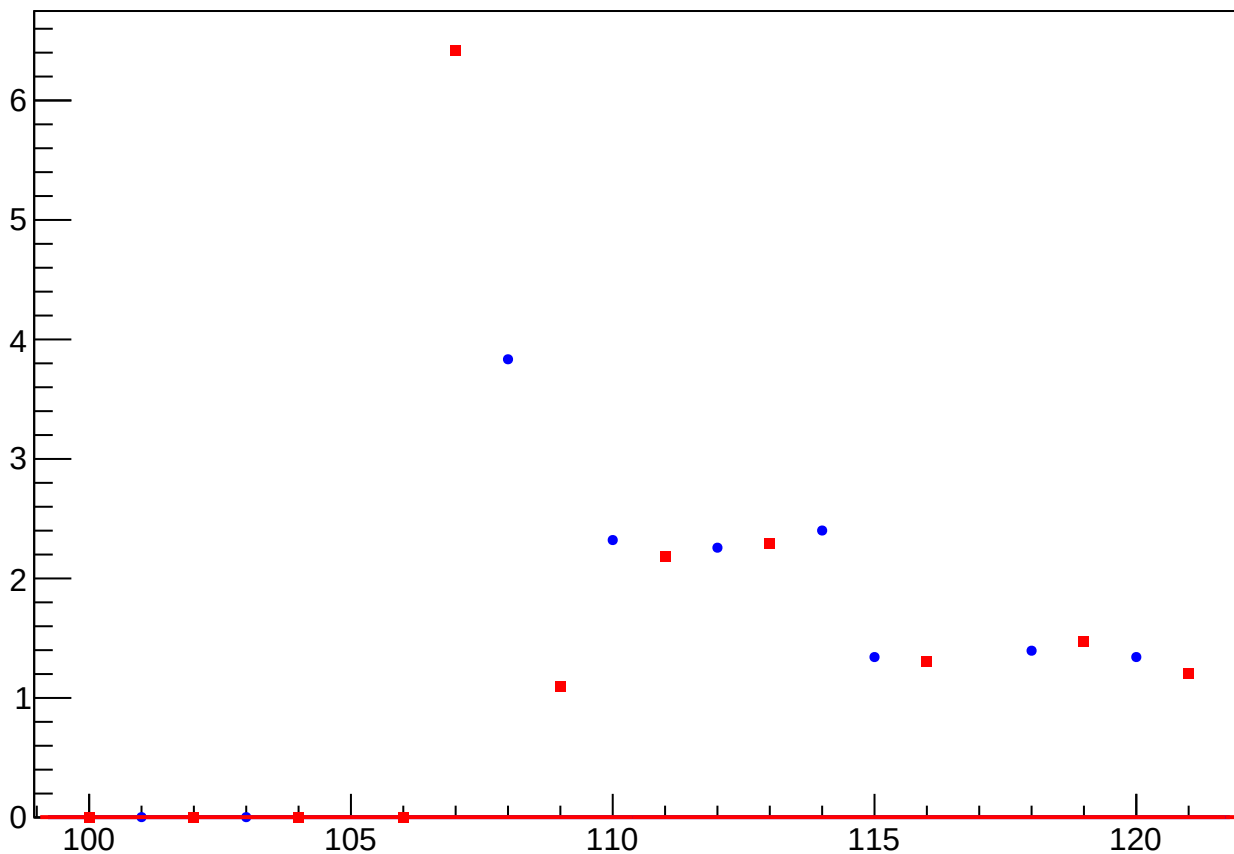
Right: 120.835+/-0.000 χ^2/NDF : 138066305667208

In: 140.148+/-0.000 χ^2/NDF : 28275692545.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.835+/-0.000 χ^2/NDF : 138066305667

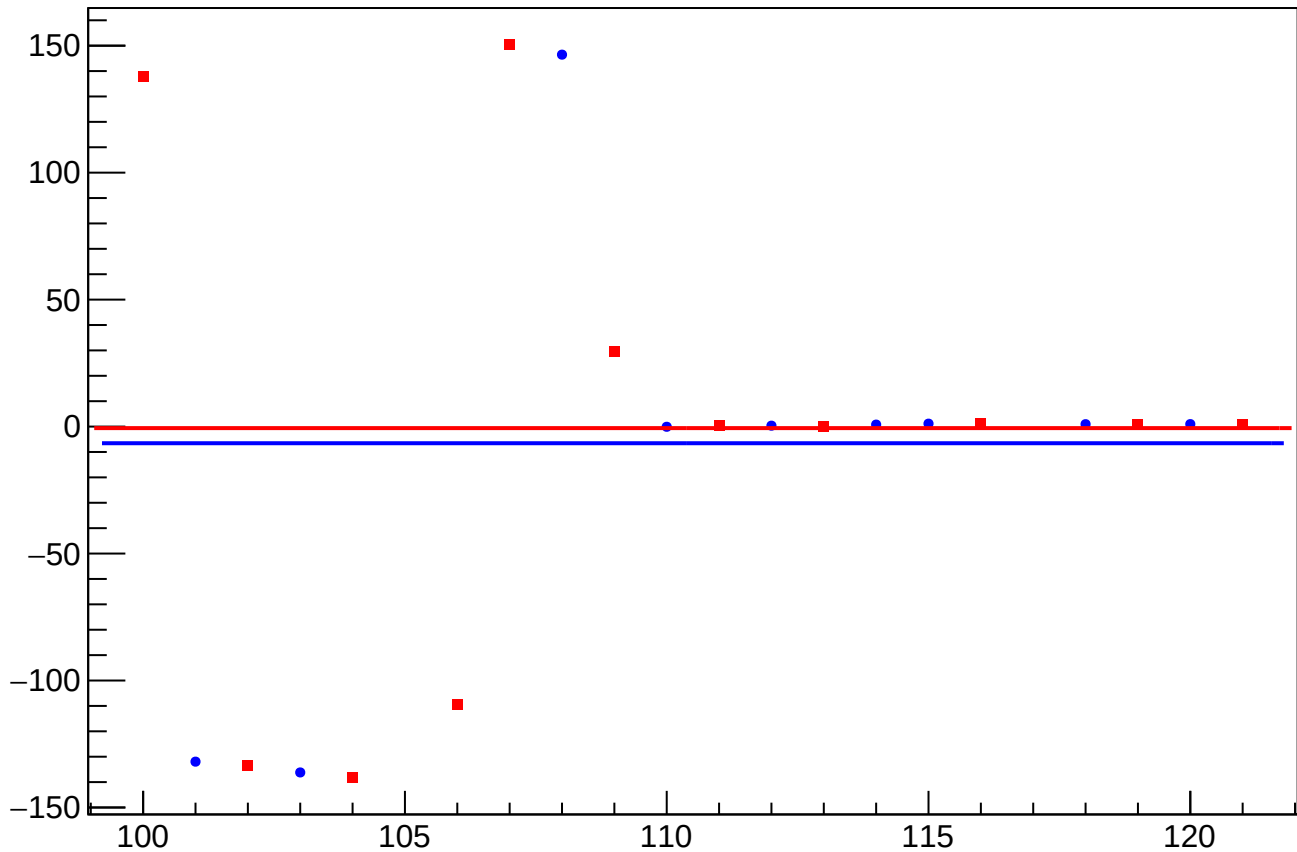
yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4294445.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.003+/-0.000 χ^2/NDF : 4966675.2/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.003+/-0.000 χ^2/NDF : 9261262.9/19
 In: 0.003+/-0.000 χ^2/NDF :4294445.4/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 9261262.9/19

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -6.553+/-0.000 χ^2/NDF : 9687874943.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.600+/-0.000 χ^2/NDF : 3602147699.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

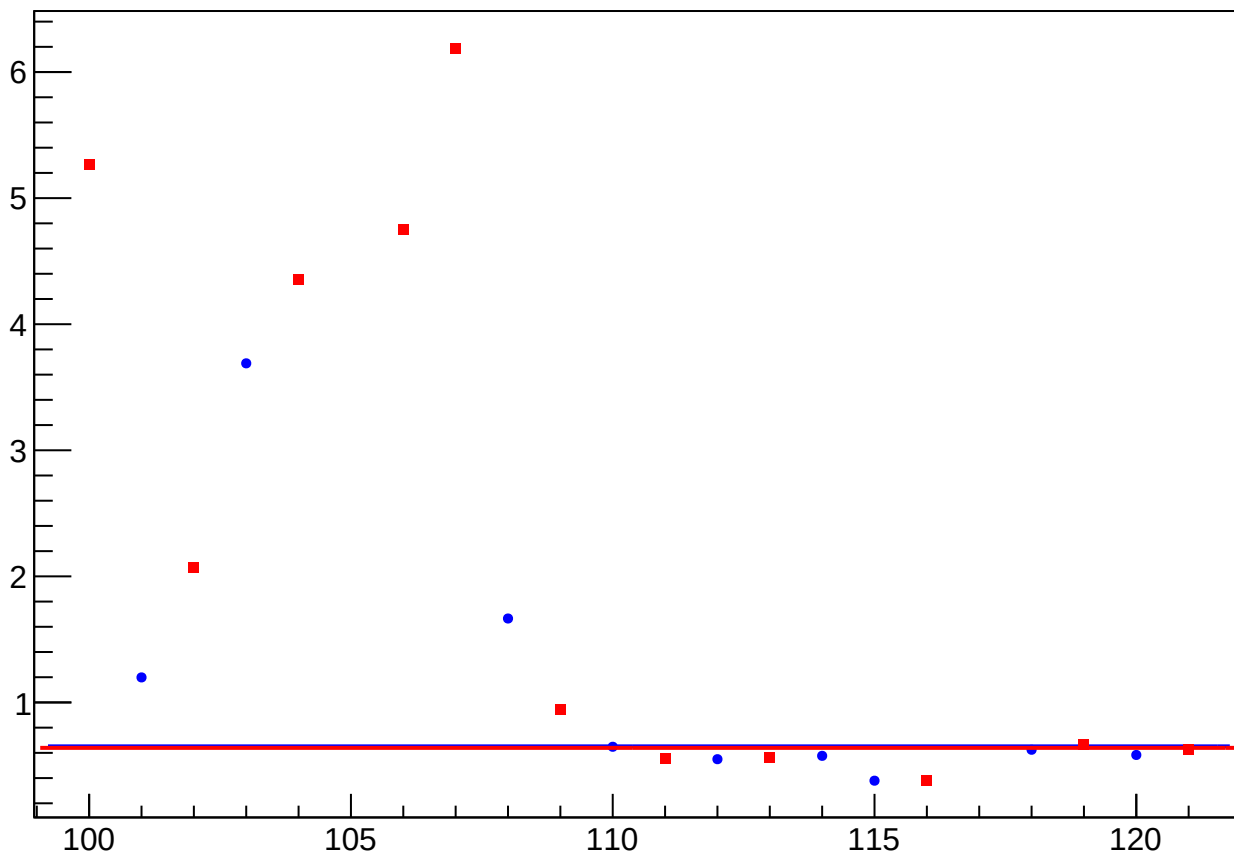
Right: -3.376+/-0.000 χ^2/NDF : 13398033534.0/19

In: -6.553+/-0.000 χ^2/NDF :9687874943.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.376+/-0.000 χ^2/NDF : 13398033534.0/19

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.651+/-0.000 χ^2/NDF : 1273340.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.640+/-0.000 χ^2/NDF : 2286369.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

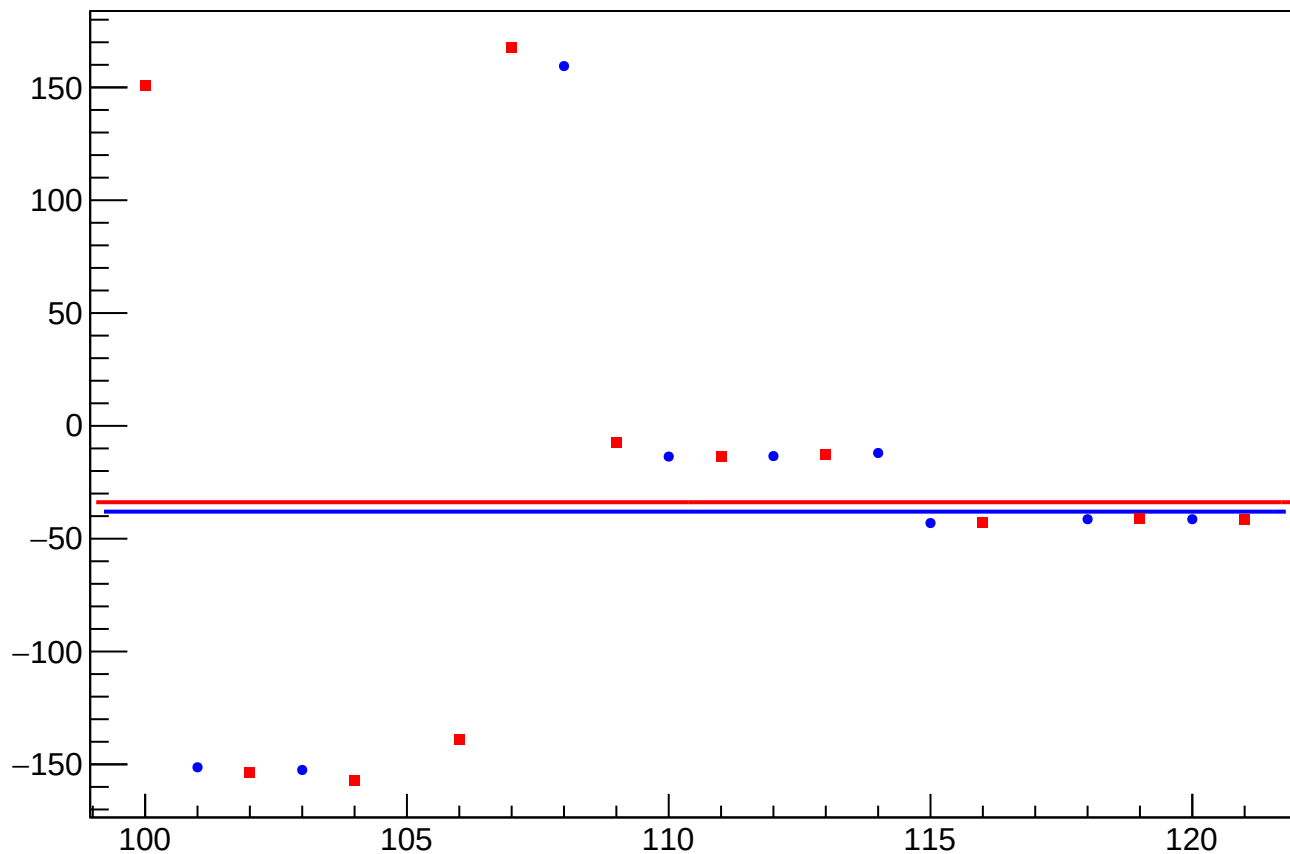
Right: 0.645+/-0.000 χ^2/NDF : 3560563.9/19

In: 0.651+/-0.000 χ^2/NDF : 1273340.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.645+/-0.000 χ^2/NDF : 3560563.9/19

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -38.008+/-0.001 χ^2/NDF : 3405255525.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -33.832+/-0.000 χ^2/NDF : 2231419204.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

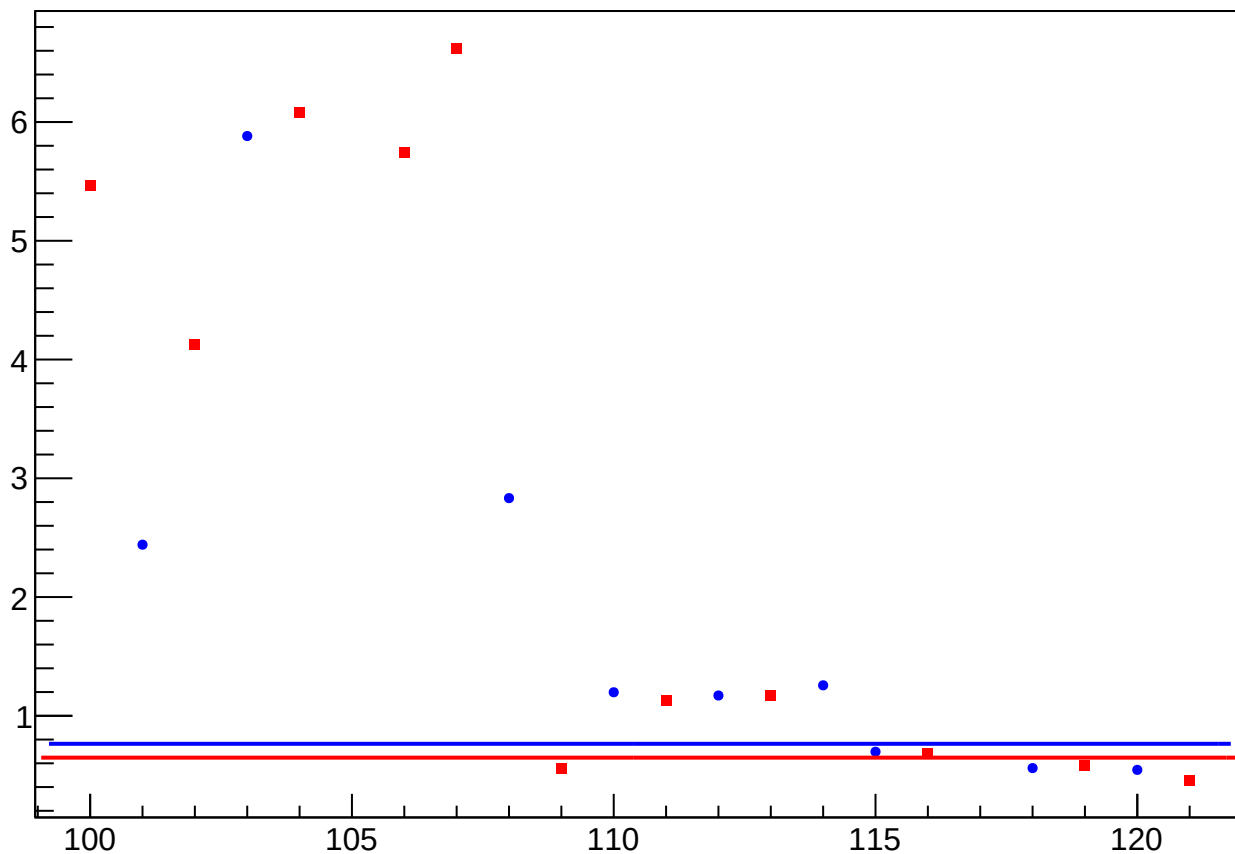
Right: -35.467+/-0.000 χ^2/NDF : 5677360678.5/19

In: -38.008+/-0.001 χ^2/NDF :3405255525.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.467+/-0.000 χ^2/NDF : 5677360678.5/19

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.764+/-0.000 χ^2/NDF : 2244646.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.648+/-0.000 χ^2/NDF : 2869953.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

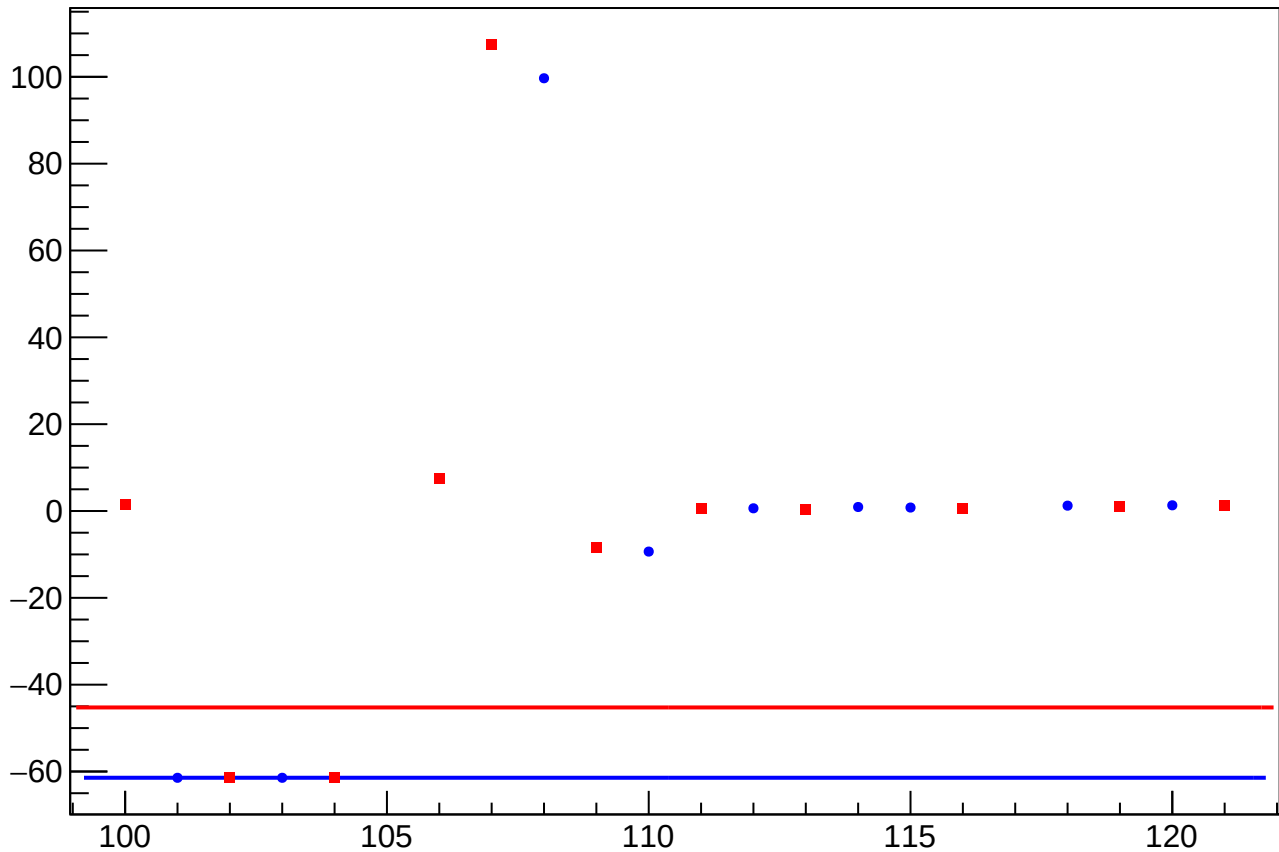
Right: 0.693+/-0.000 χ^2/NDF : 5178028.7/19

In: 0.764+/-0.000 χ^2/NDF : 2244646.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

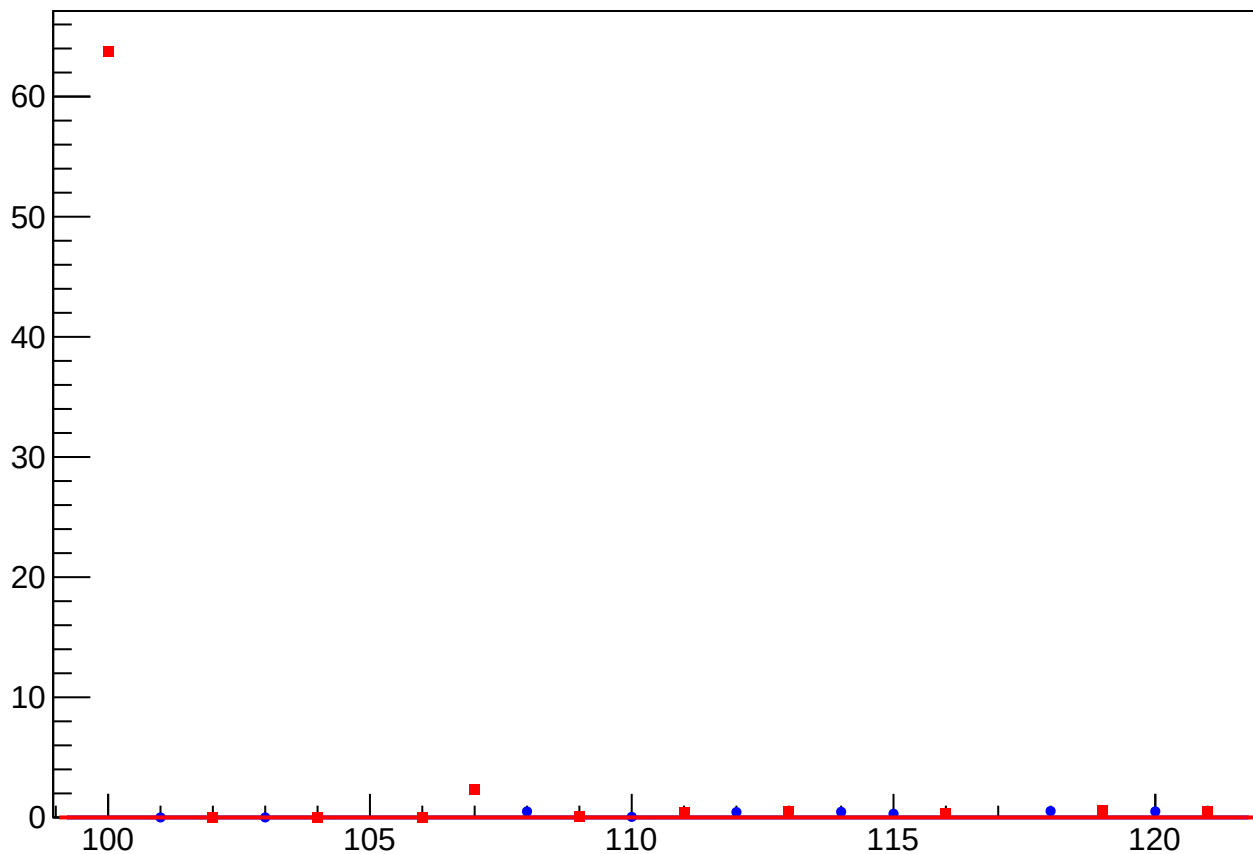
All: 0.693+/-0.000 χ^2/NDF : 5178028.7/19

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 213936101806.1/8
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -52.751+/-0.000 χ^2/NDF : 409048271302098
 In: -61.439+/-0.000 χ^2/NDF : 213936101806.1/8
 Right Out: -45.246+/-0.000 χ^2/NDF : 357848462771755.1/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409048271302

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3611379.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4606880.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

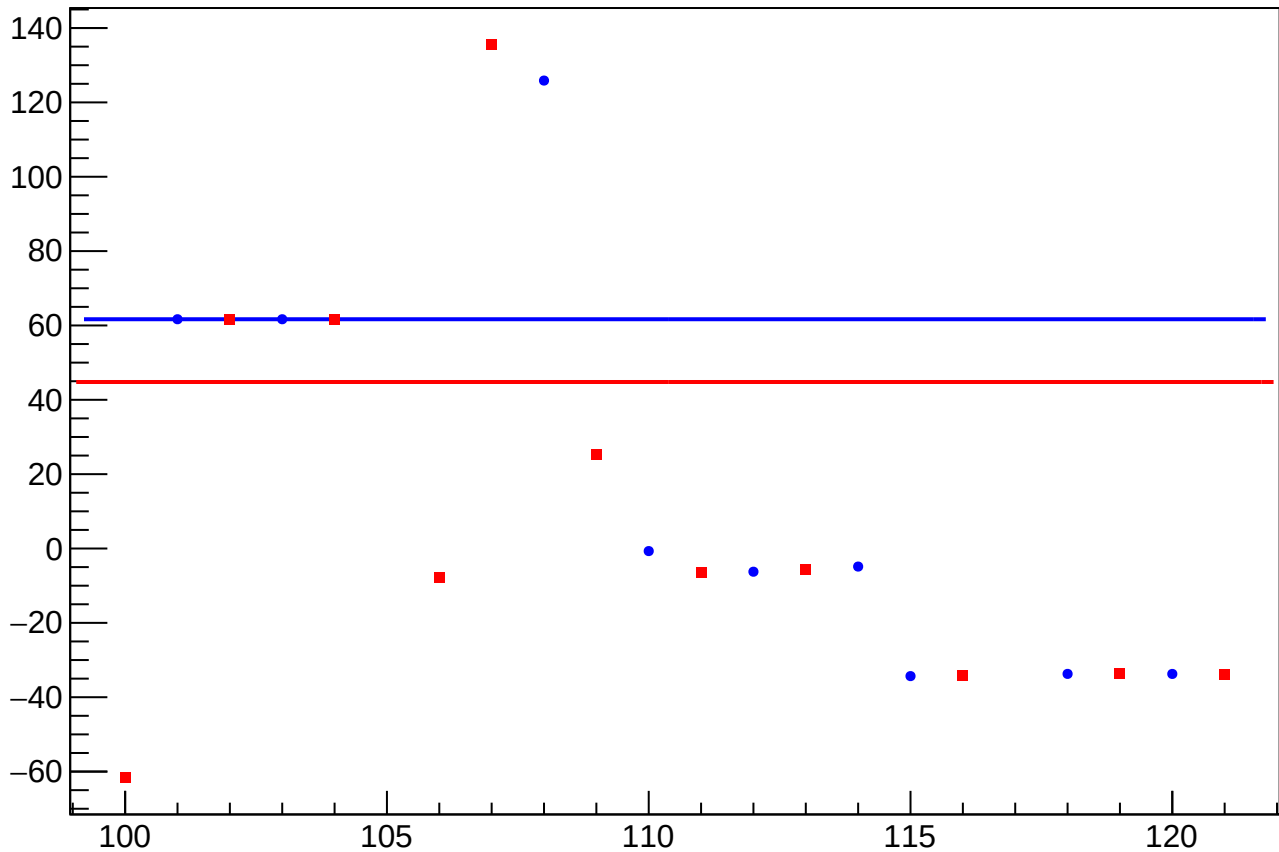
Right: 0.001+/-0.000 χ^2/NDF : 8218266.3/19

In: 0.001+/-0.000 χ^2/NDF : 3611379.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8218266.3/19

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.671+/-0.000 χ^2/NDF : 71997987682.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.791+/-0.000 χ^2/NDF : 365933814615564.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

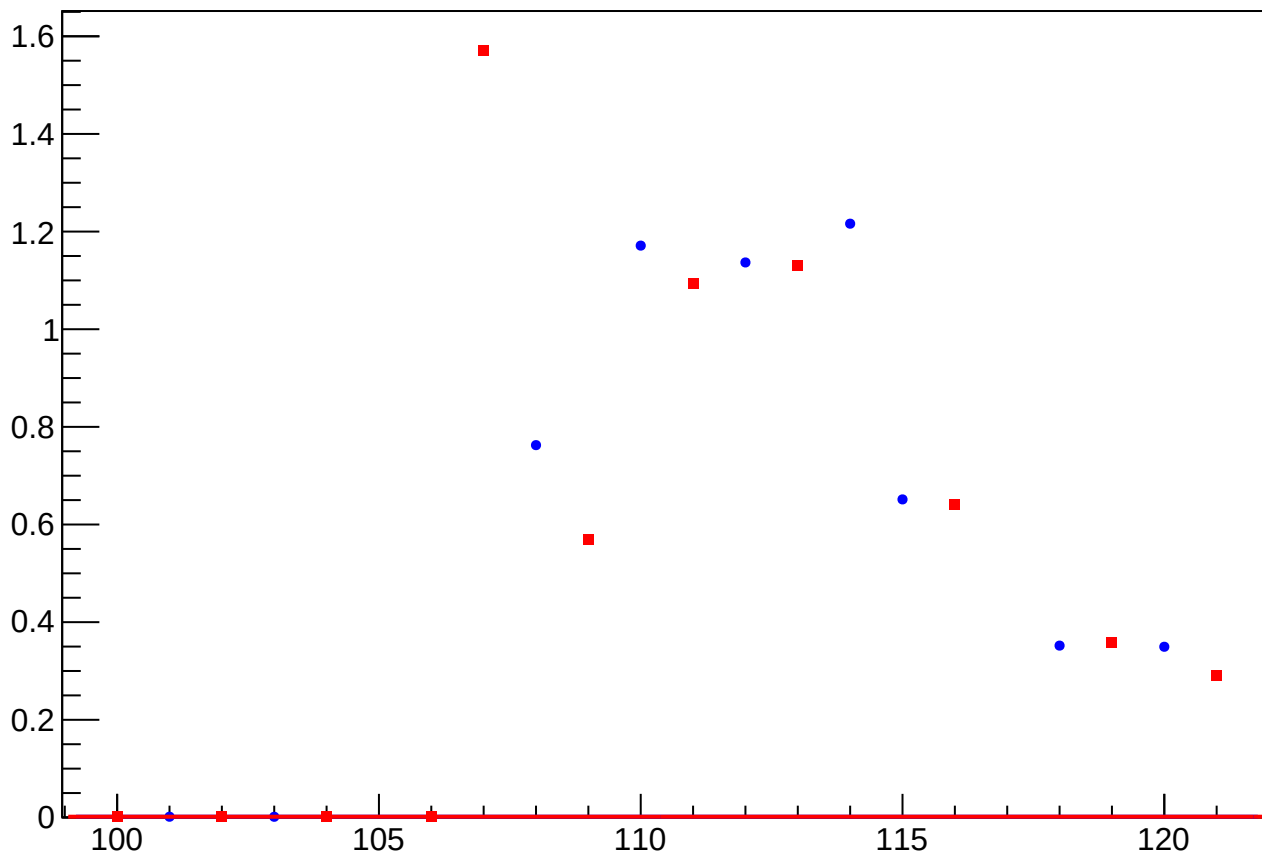
Right: 52.696+/-0.000 χ^2/NDF : 417129026122131.4

In: 61.671+/-0.000 χ^2/NDF : 71997987682.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.696+/-0.000 χ^2/NDF : 417129026122131.4

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4457751.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5103797.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

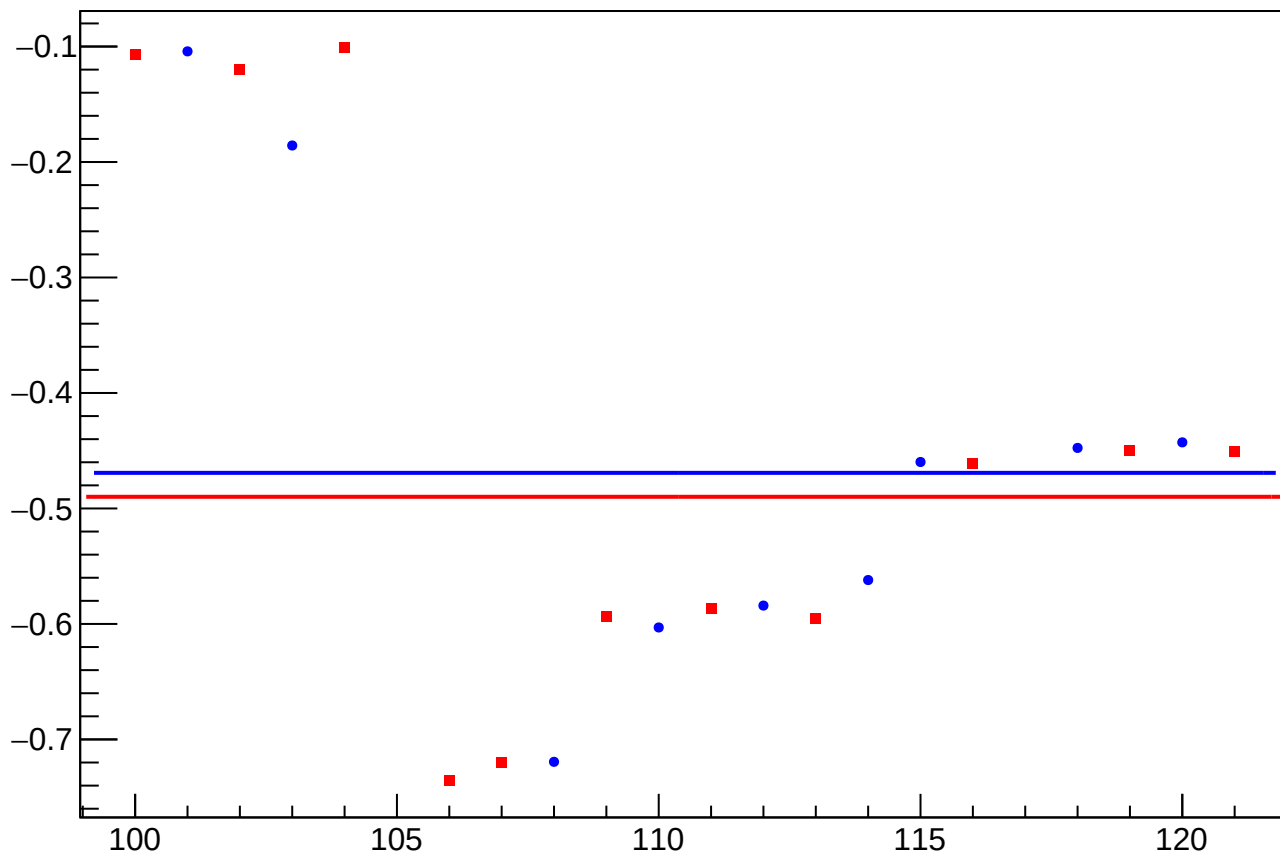
Right: 0.002+/-0.000 χ^2/NDF : 9561815.4/19

In: 0.001+/-0.000 χ^2/NDF : 4457751.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9561815.4/19

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.469+/-0.000 χ^2/NDF : 106311714.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.490+/-0.000 χ^2/NDF : 100197392.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

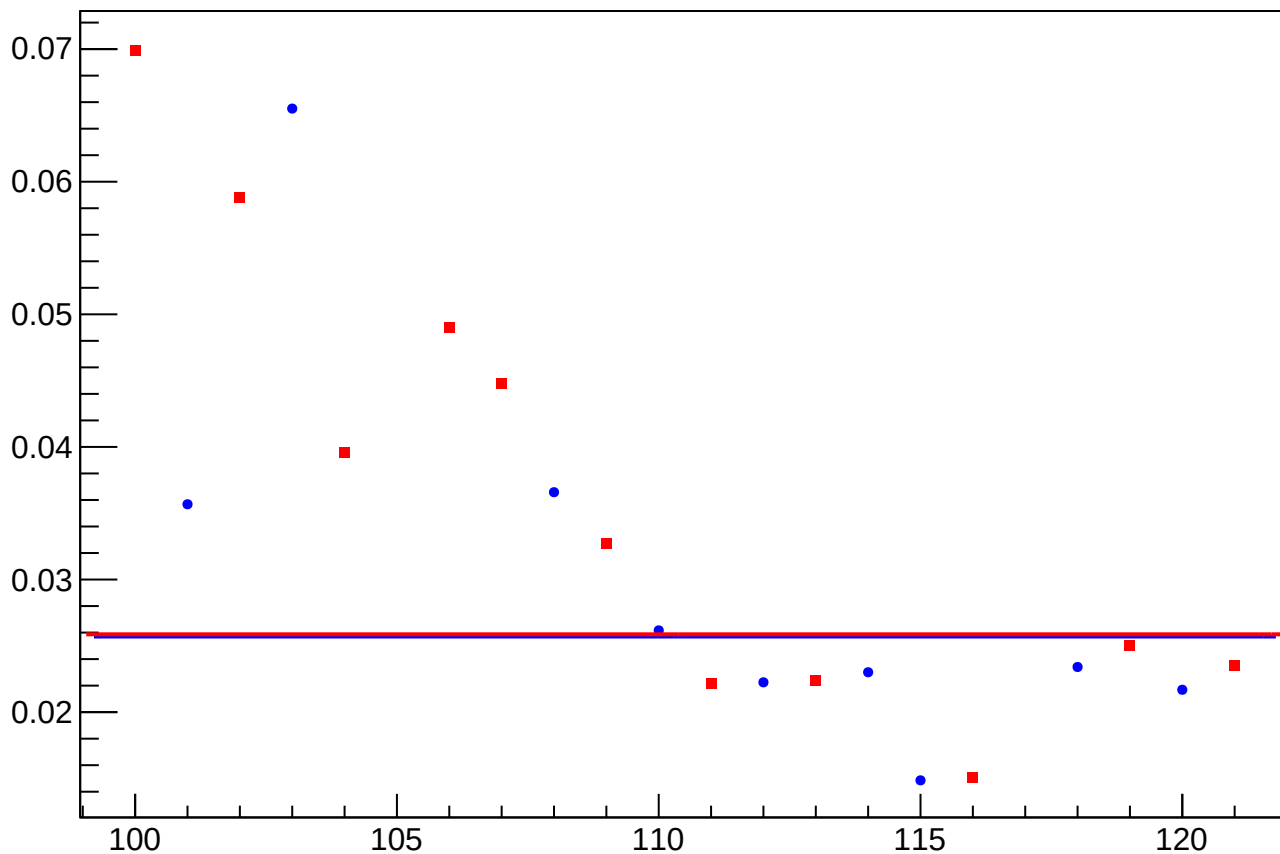
Right: -0.480+/-0.000 χ^2/NDF : 207490410.0/19

In: -0.469+/-0.000 χ^2/NDF :106311714.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.480+/-0.000 χ^2/NDF : 207490410.0/19

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 722850.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 974985.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

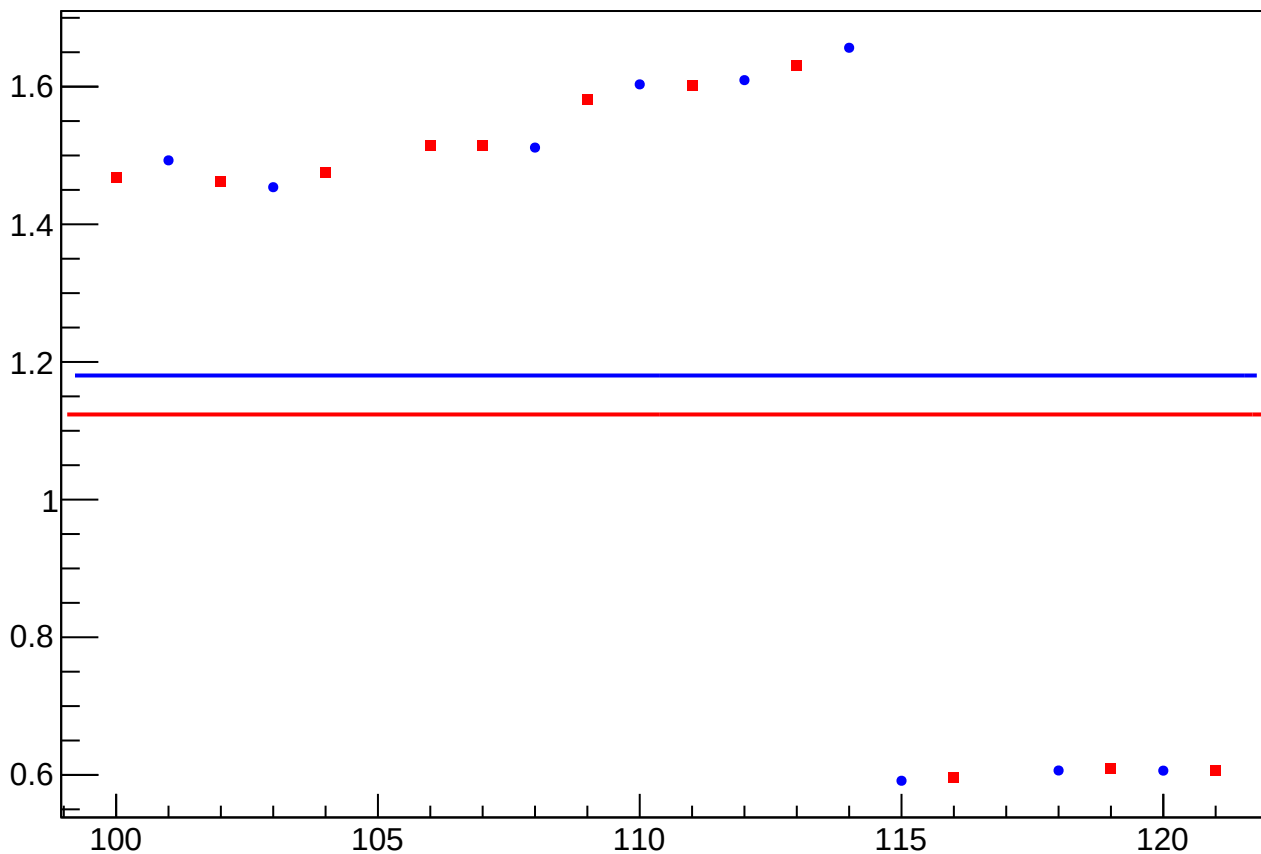
Right: 0.026+/-0.000 χ^2/NDF : 1697961.2/19

In: 0.026+/-0.000 χ^2/NDF : 722850.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1697961.2/19

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.180+/-0.000

χ^2/NDF : 1771283918.2/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.148+/-0.000

χ^2/NDF : 4342812273.3/19

Right Out: 1.124+/-0.000

χ^2/NDF : 2553915412.4/10

In: 1.180+/-0.000

χ^2/NDF : 1771283918.2/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

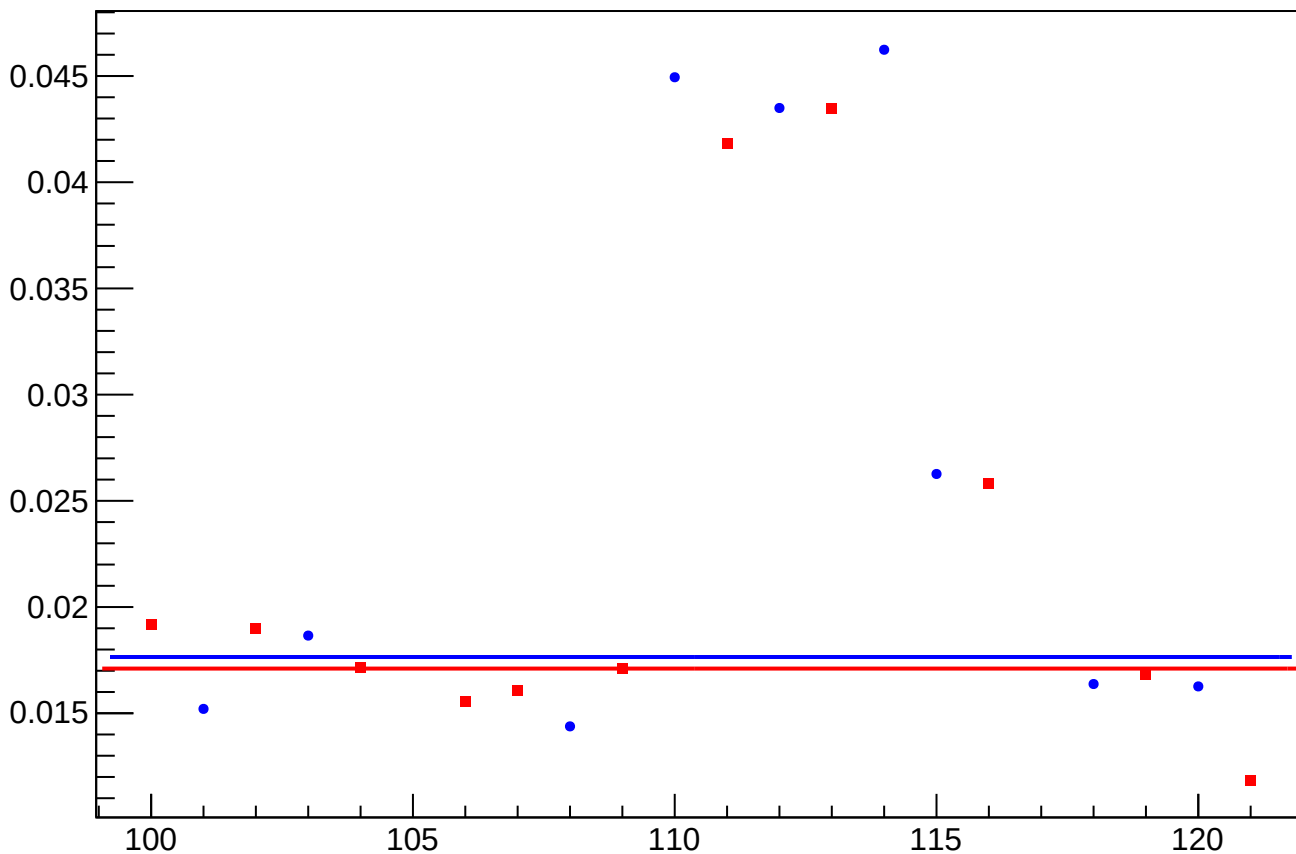
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.148+/-0.000

χ^2/NDF : 4342812273.3/19

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 765425.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 868754.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

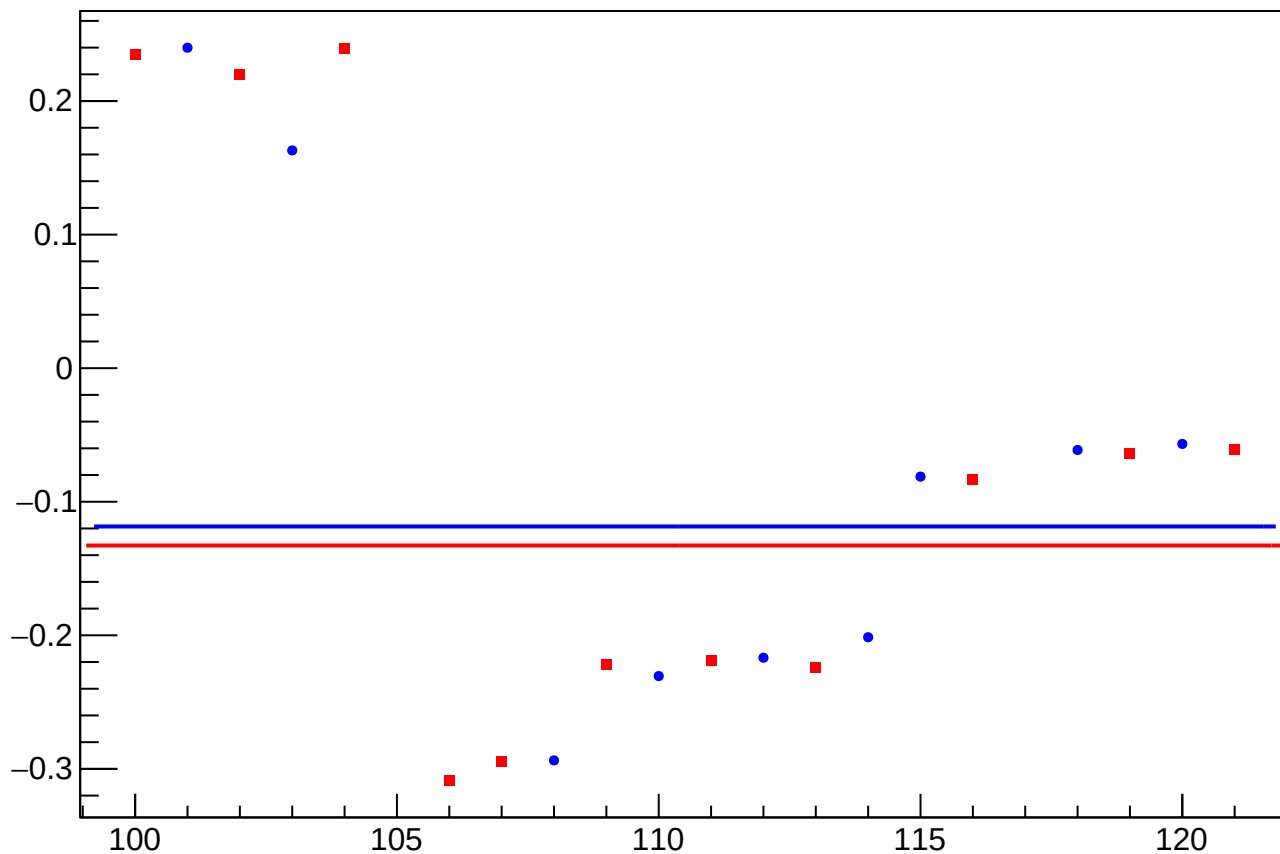
Right: 0.017+/-0.000 χ^2/NDF : 1637439.8/19

In: 0.018+/-0.000 χ^2/NDF : 765425.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1637439.8/19

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.119+/-0.000 χ^2/NDF : 101975809.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.133+/-0.000 χ^2/NDF : 102093858.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

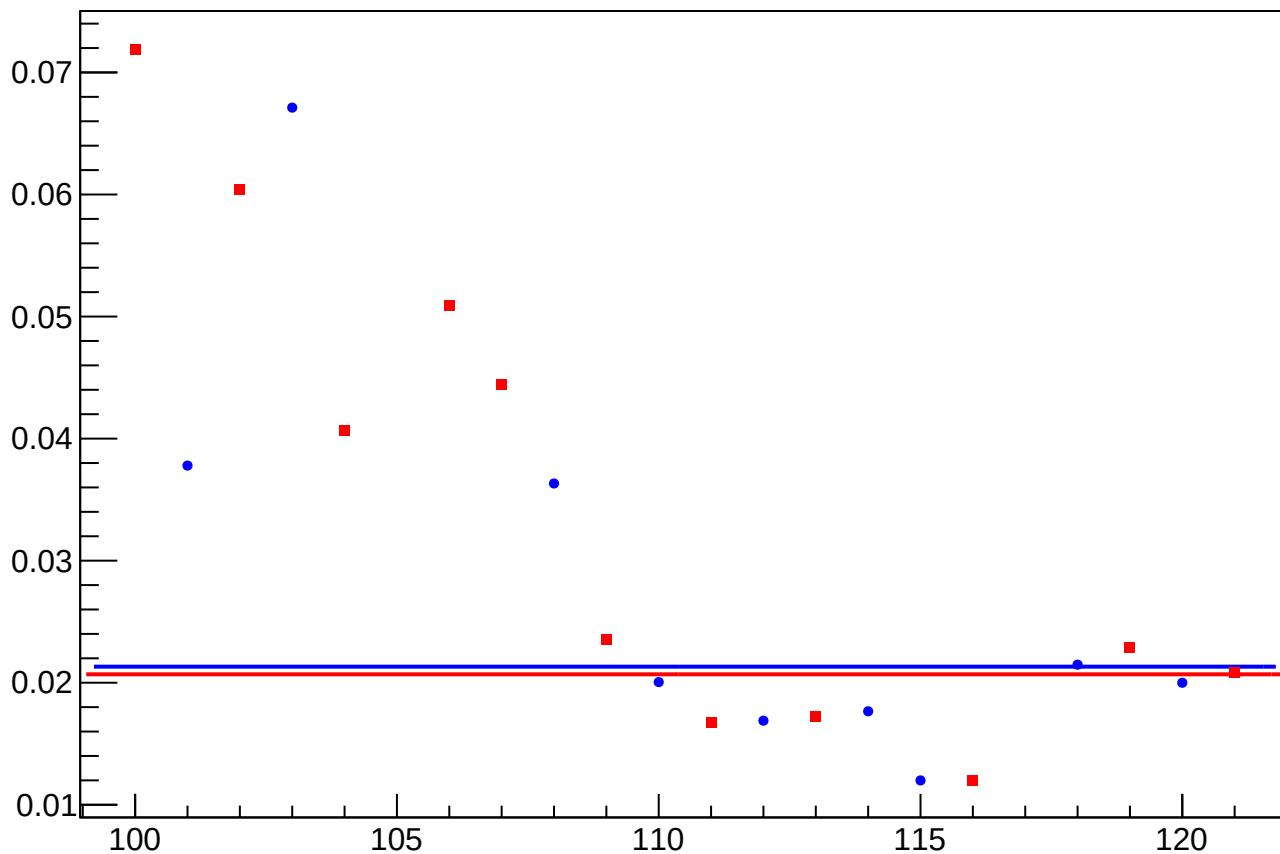
Right: -0.126+/-0.000 χ^2/NDF : 204729030.4/19

In: -0.119+/-0.000 χ^2/NDF :101975809.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.126+/-0.000 χ^2/NDF : 204729030.4/19

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1050538.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1351280.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

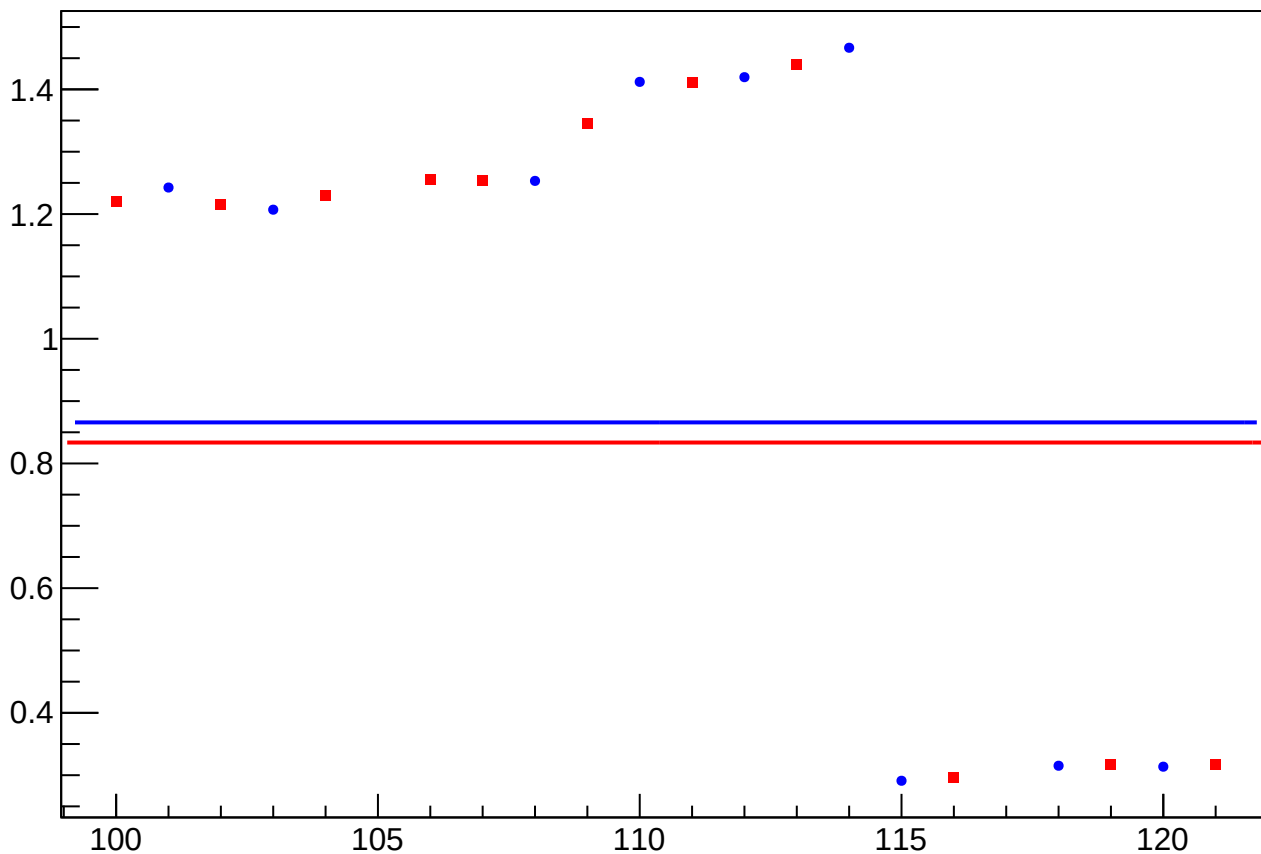
Right: 0.021+/-0.000 χ^2/NDF : 2404375.2/19

In: 0.021+/-0.000 χ^2/NDF :1050538.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2404375.2/19

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.866+/-0.000 χ^2/NDF : 3304238423.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.834+/-0.000 χ^2/NDF : 4088133068.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

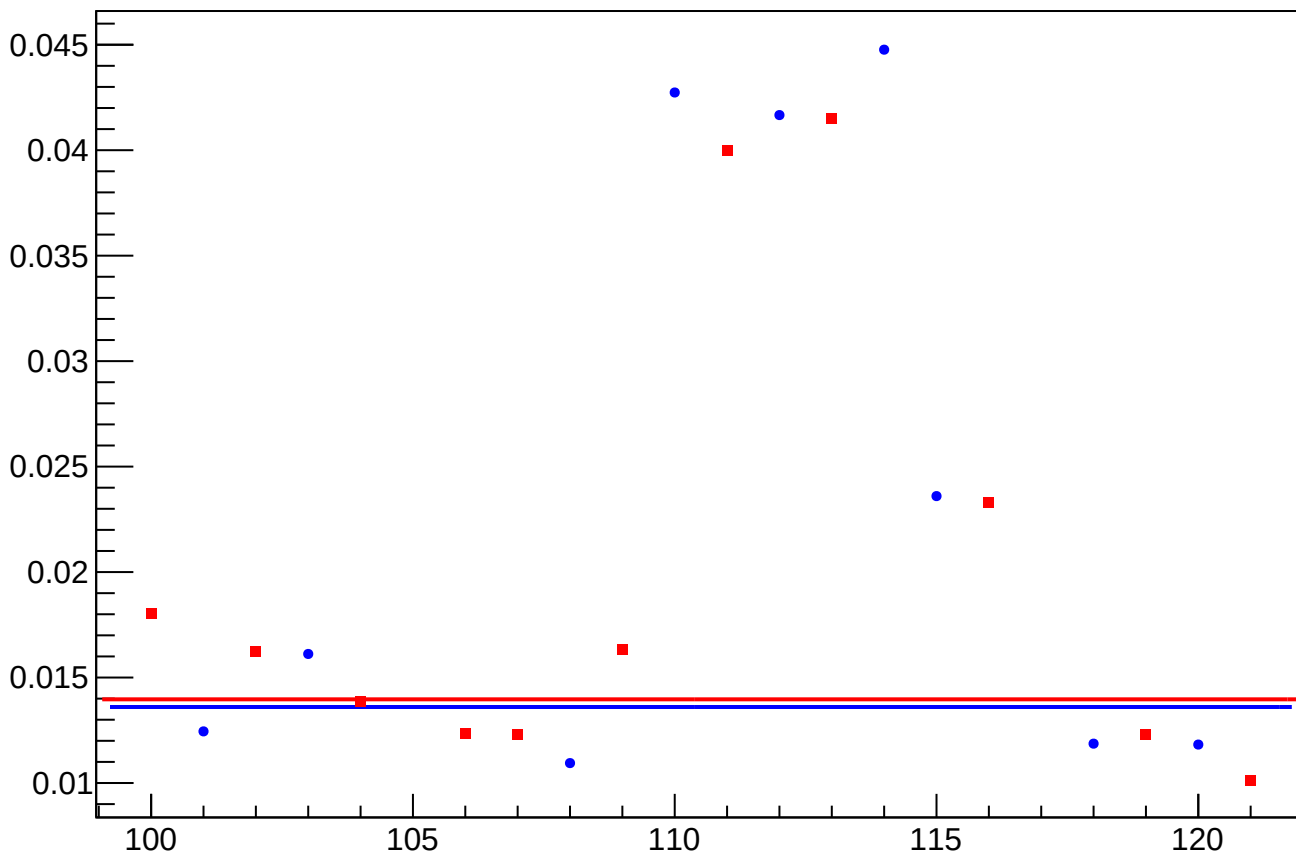
Right: 0.848+/-0.000 χ^2/NDF : 7401166961.1/19

In: 0.866+/-0.000 χ^2/NDF :3304238423.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.848+/-0.000 χ^2/NDF : 7401166961.1/19

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 992708.1/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 1029665.1/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 2024609.8/19

In: 0.014+/-0.000

χ^2/NDF : 992708.1/8

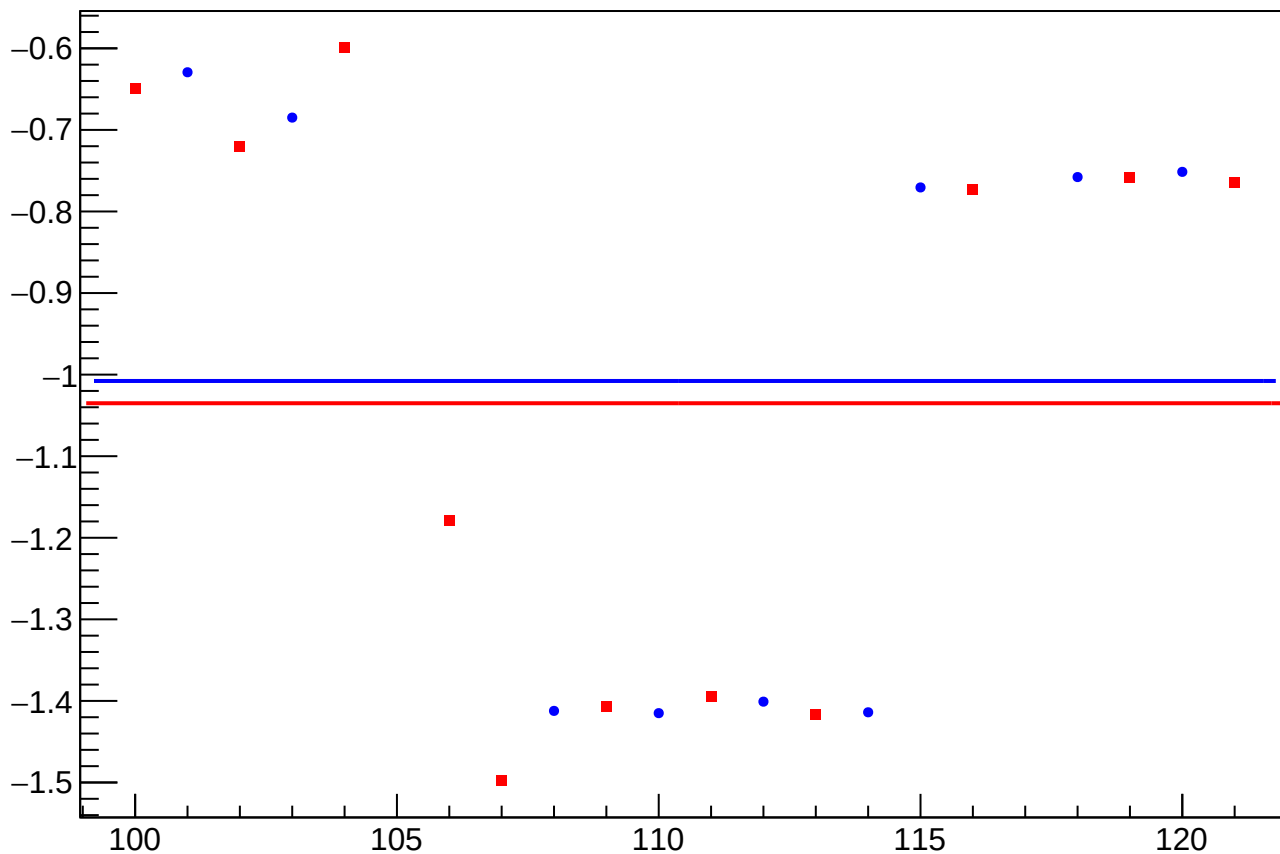
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 2024609.8/19

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.008+/-0.000 χ^2/NDF : 487615245.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.035+/-0.000 χ^2/NDF : 561023489.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

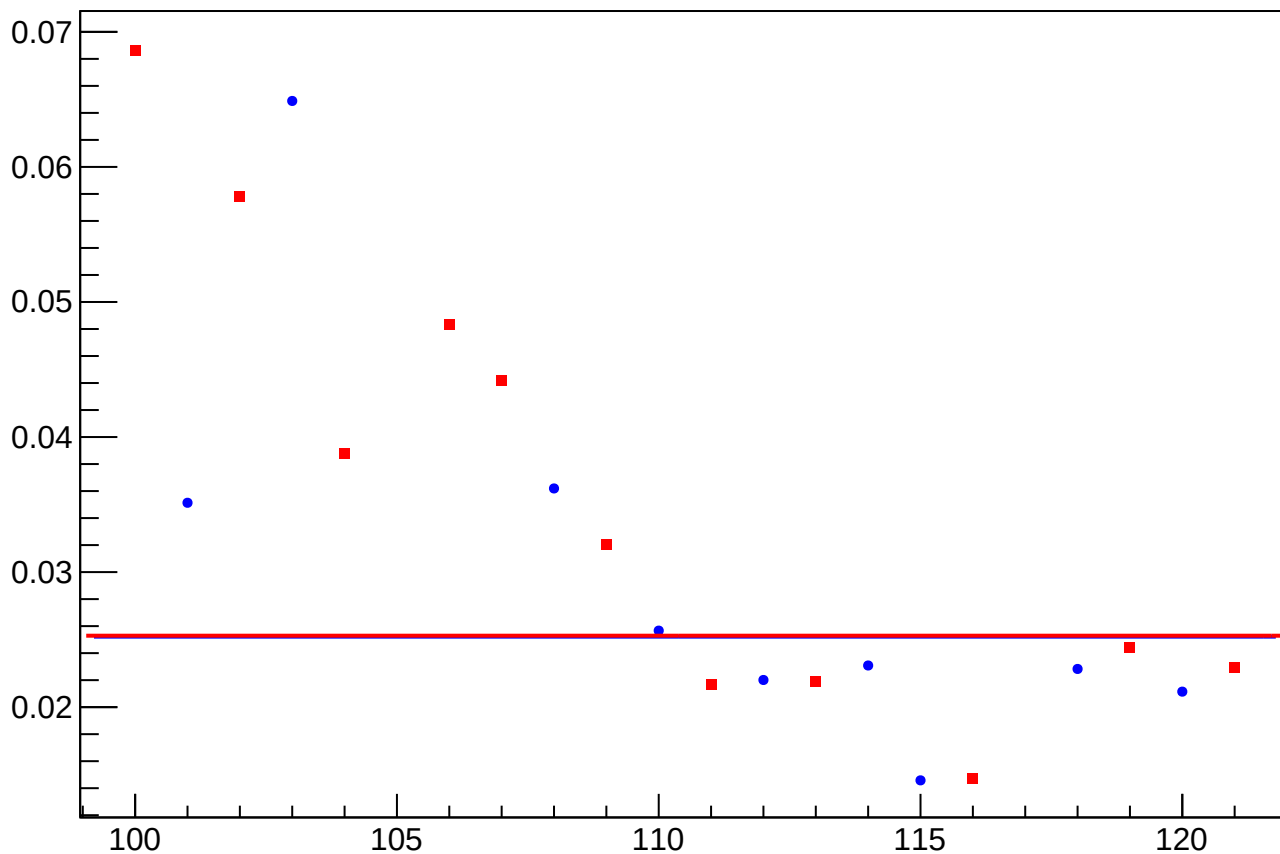
Right: -1.023+/-0.000 χ^2/NDF : 1050405064.1/19

In: -1.008+/-0.000 χ^2/NDF :487615245.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.023+/-0.000 χ^2/NDF : 1050405064.1/19

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 729267.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 982681.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

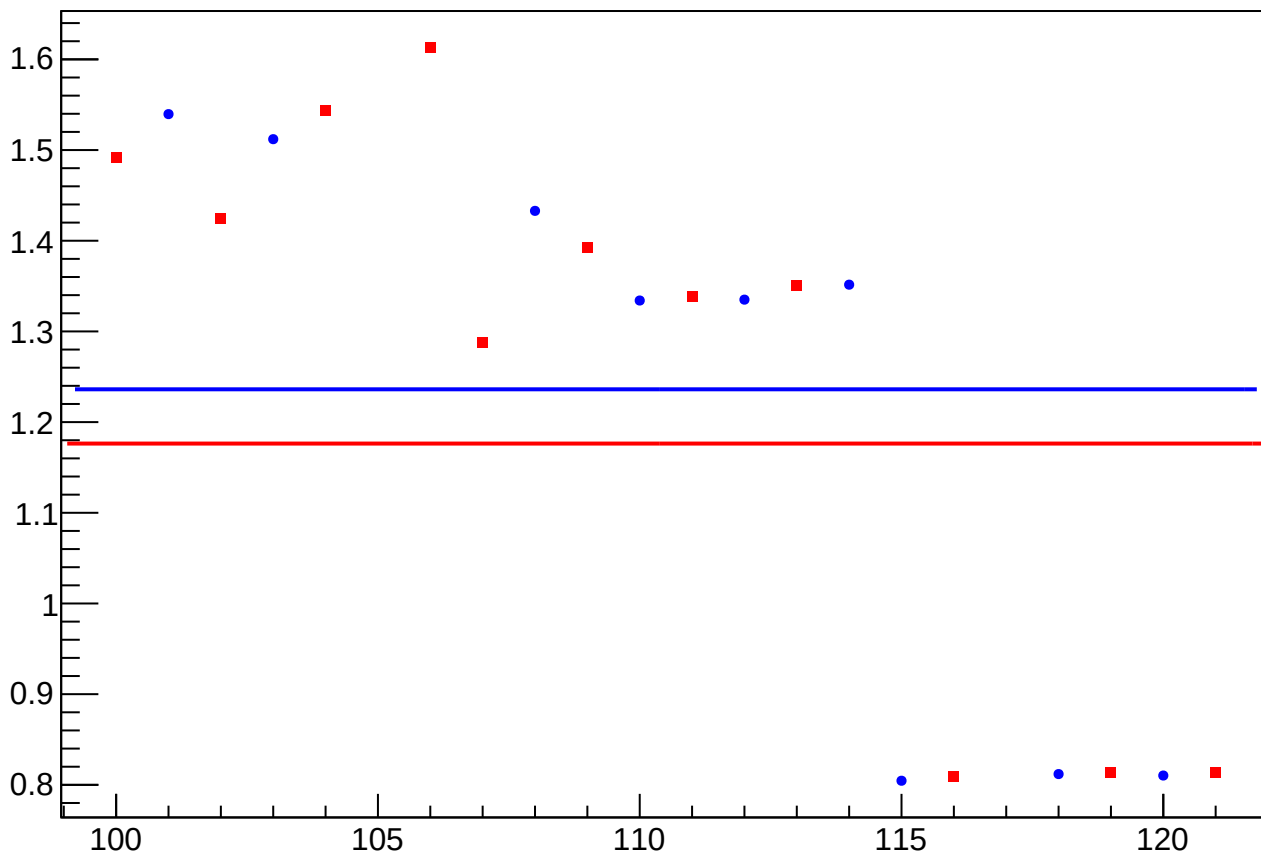
Right: 0.025+/-0.000 χ^2/NDF : 1711970.0/19

In: 0.025+/-0.000 χ^2/NDF : 729267.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1711970.0/19

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.236+/-0.000

χ^2/NDF : 1012588241.8/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.202+/-0.000

χ^2/NDF : 2375137809.8/19

Right Out: 1.176+/-0.000

χ^2/NDF : 1343645572.1/10

In: 1.236+/-0.000

χ^2/NDF : 1012588241.8/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

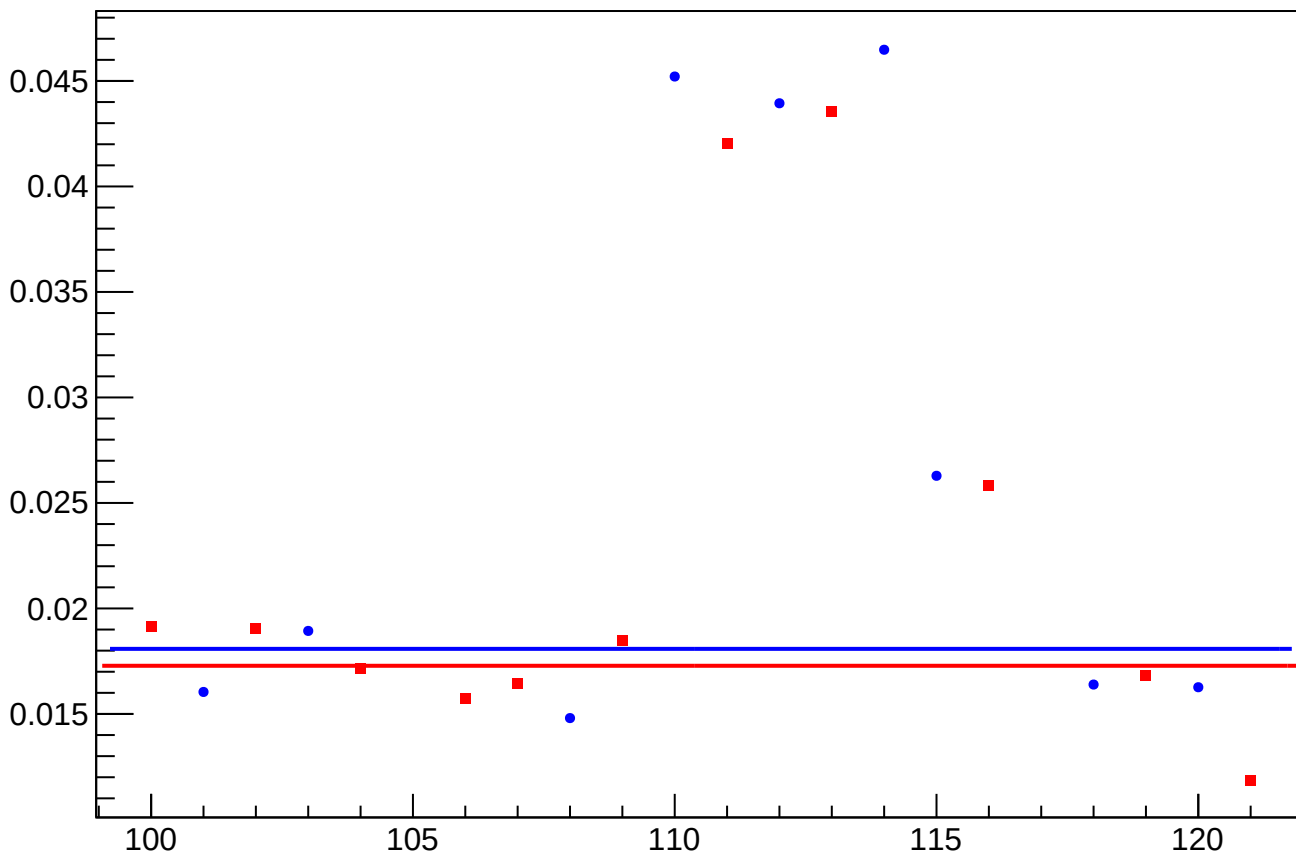
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.202+/-0.000

χ^2/NDF : 2375137809.8/19

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 741684.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 872082.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

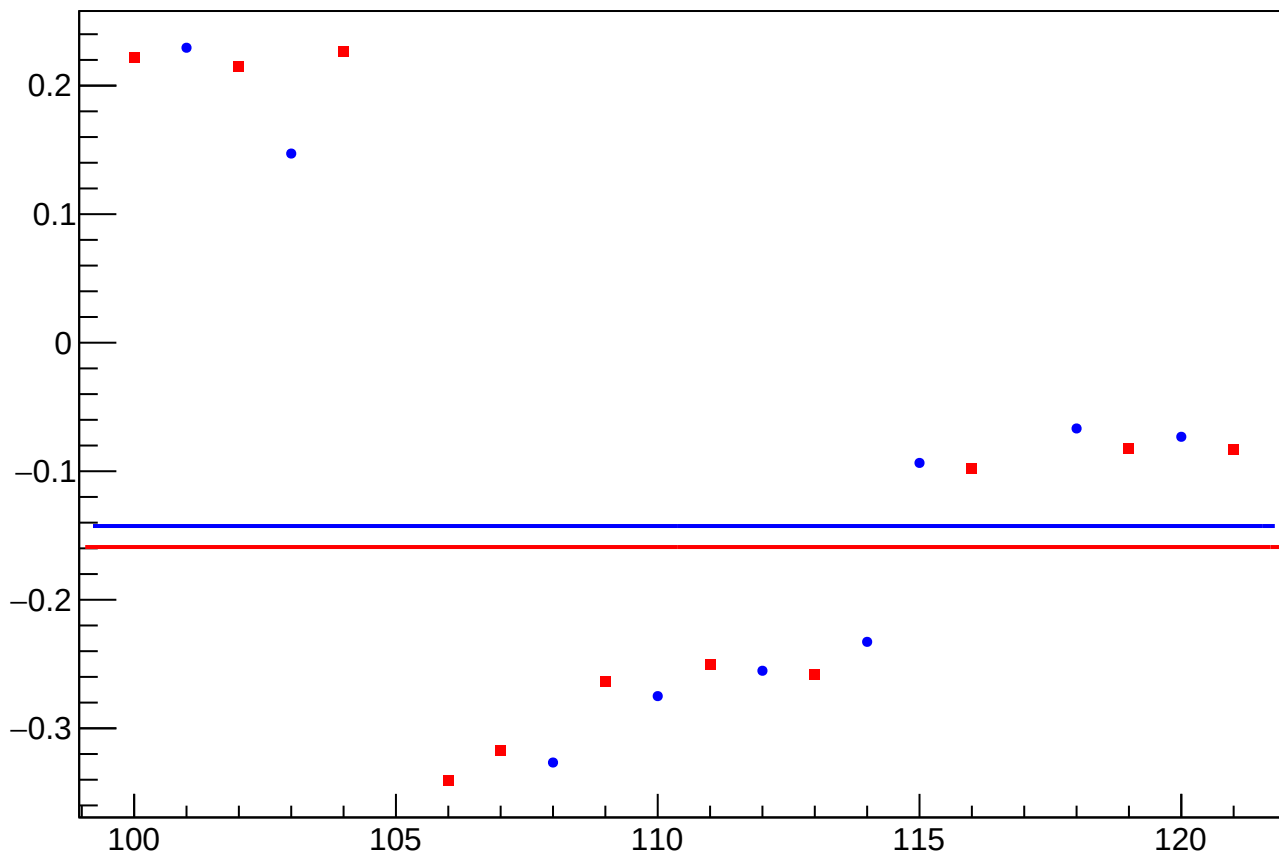
Right: 0.018+/-0.000 χ^2/NDF : 1620558.7/19

In: 0.018+/-0.000 χ^2/NDF : 741684.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 1620558.7/19

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.143+/-0.000 χ^2/NDF : 117282919.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.159+/-0.000 χ^2/NDF : 113148042.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

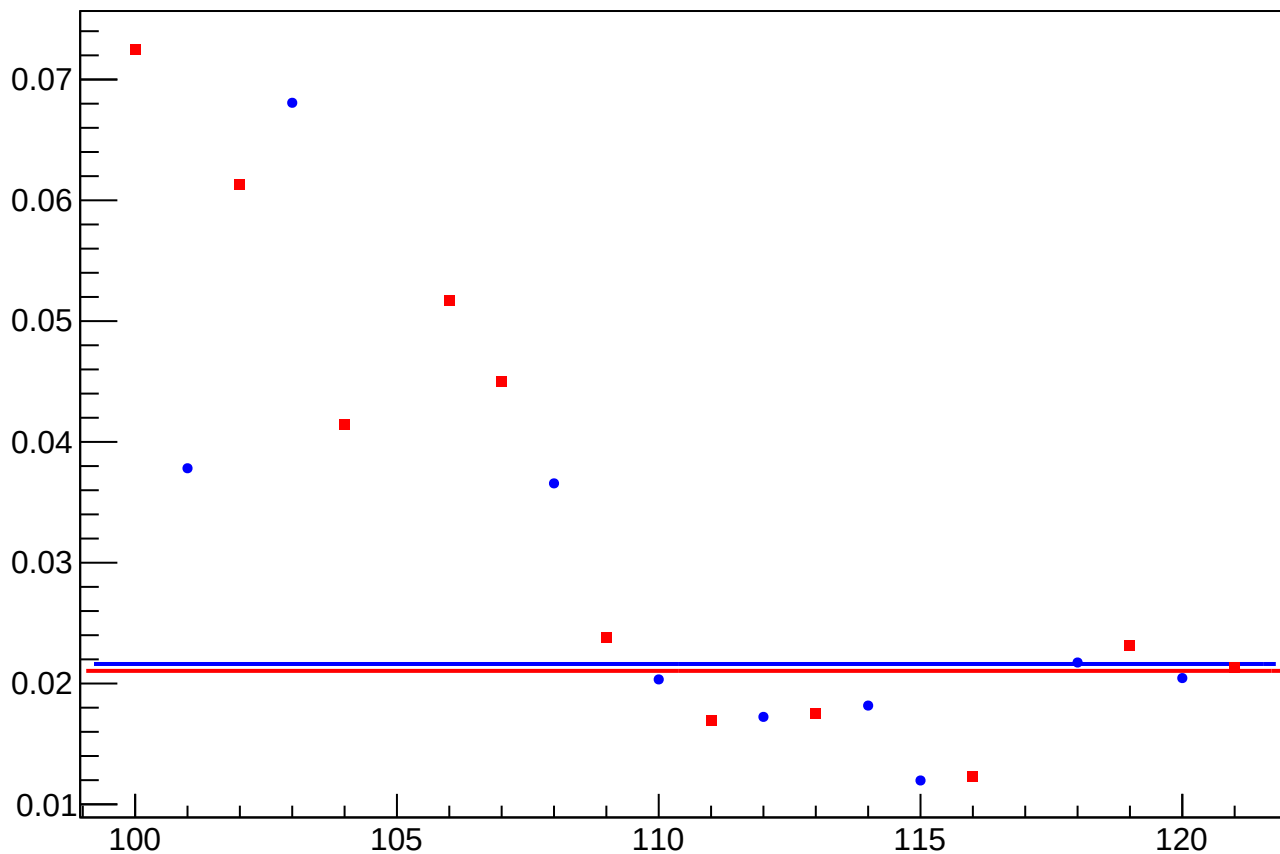
Right: -0.152+/-0.000 χ^2/NDF : 231273306.8/19

In: -0.143+/-0.000 χ^2/NDF : 117282919.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.152+/-0.000 χ^2/NDF : 231273306.8/19

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 1040238.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1343389.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

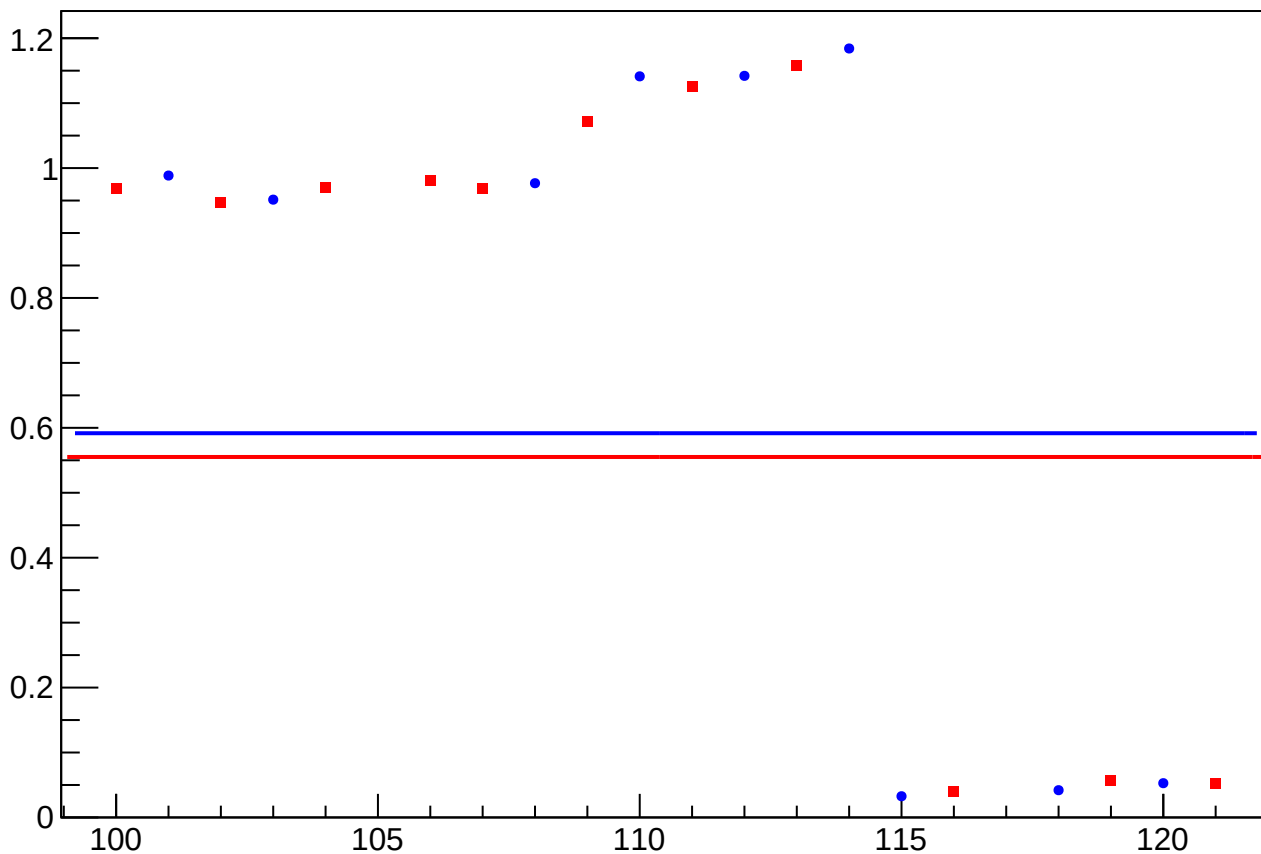
Right: 0.021+/-0.000 χ^2/NDF : 2385679.0/19

In: 0.022+/-0.000 χ^2/NDF :1040238.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2385679.0/19

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.592+/-0.000

χ^2/NDF : 3408777499.4/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.572+/-0.000

χ^2/NDF : 7506966137.7/19

Right Out: 0.555+/-0.000

χ^2/NDF : 4086769038.8/10

In: 0.592+/-0.000

χ^2/NDF : 3408777499.4/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

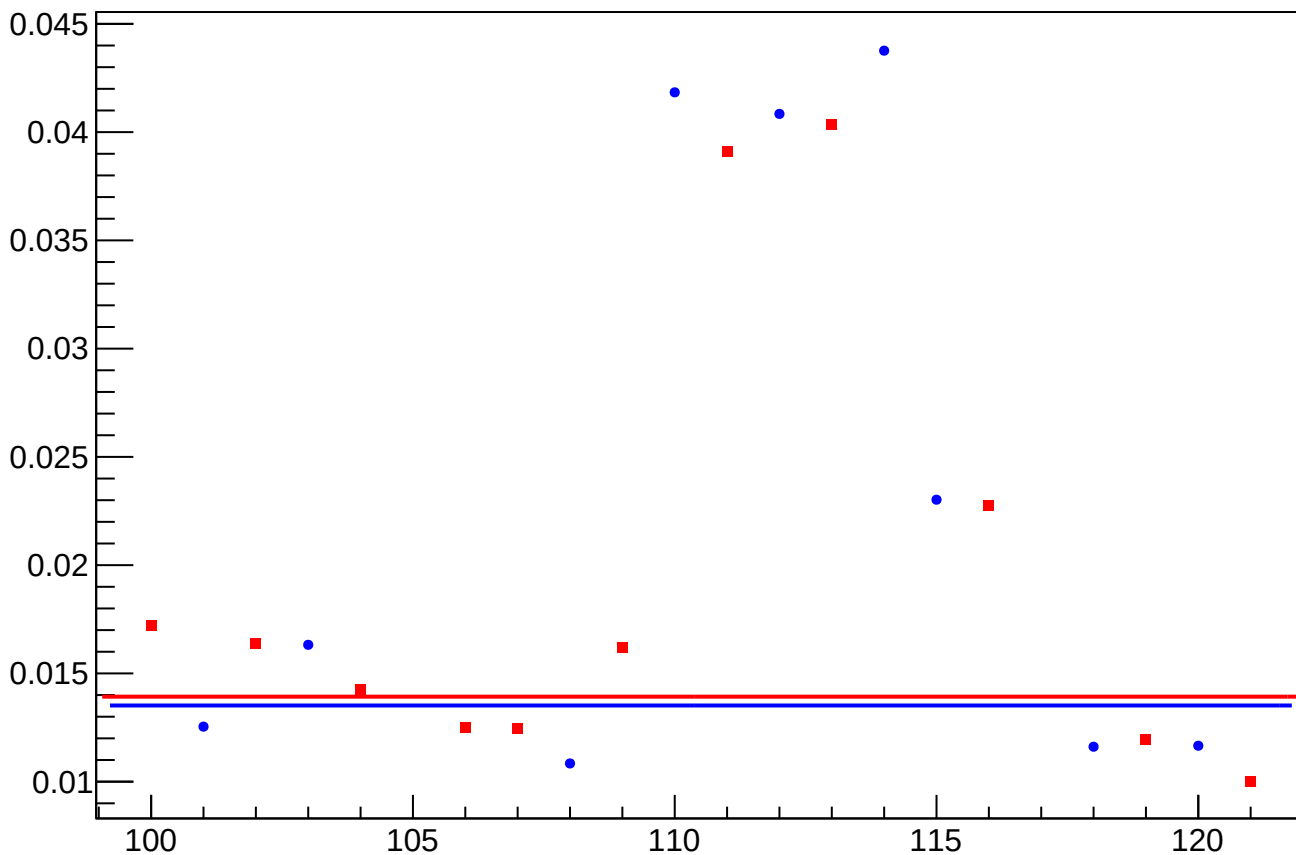
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.572+/-0.000

χ^2/NDF : 7506966137.7/19

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 991434.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1022116.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

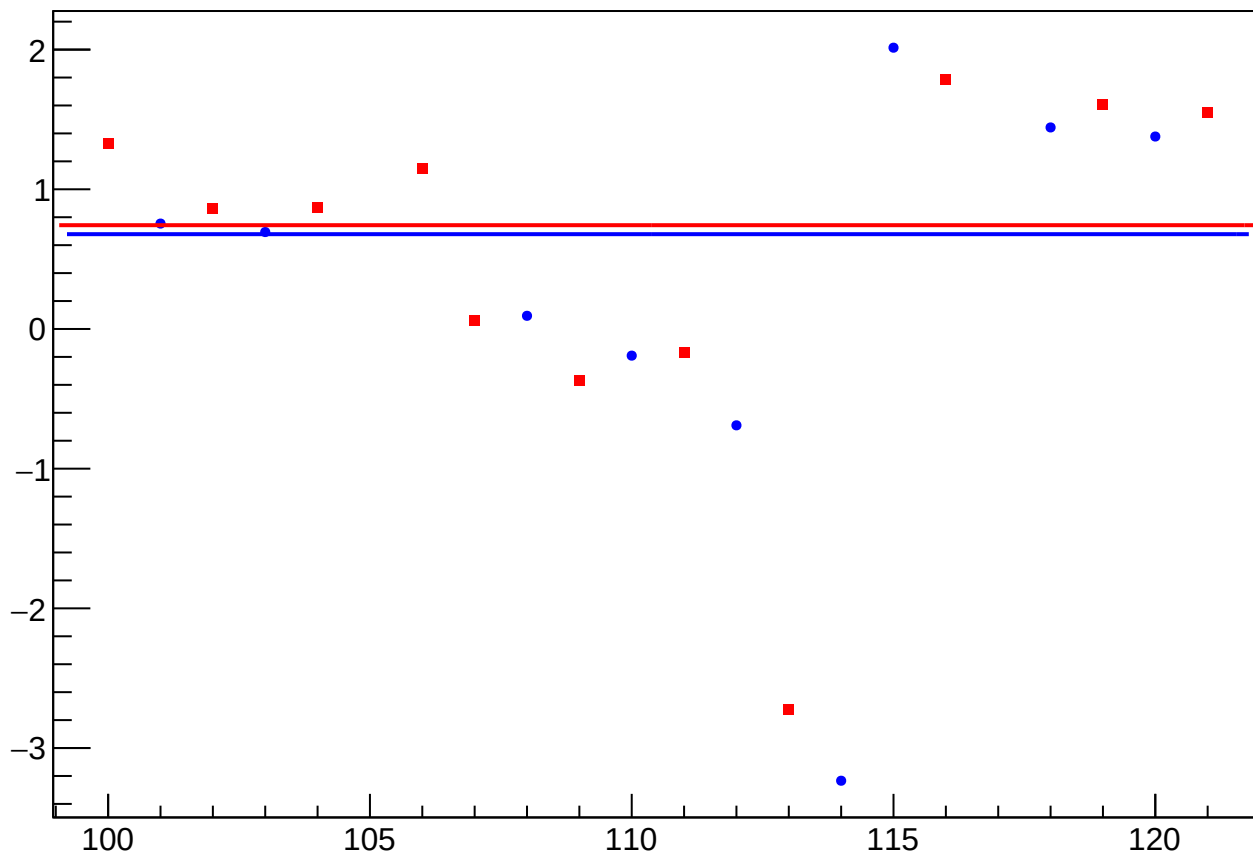
Right: 0.014+/-0.000 χ^2/NDF : 2016387.8/19

In: 0.014+/-0.000 χ^2/NDF :991434.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2016387.8/19

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.679+/-0.000 χ^2/NDF : 327264560.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.743+/-0.000 χ^2/NDF : 1008973968.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

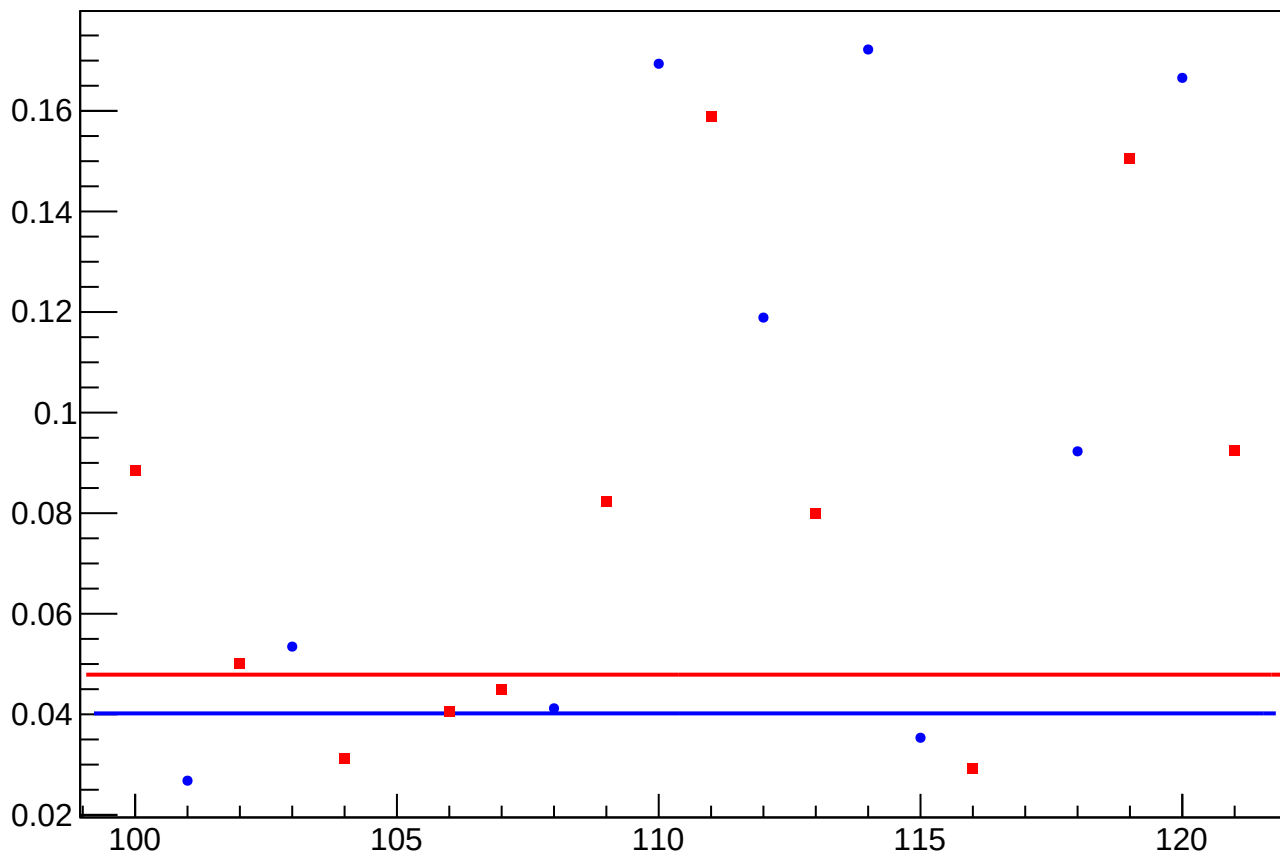
Right: 0.709+/-0.000 χ^2/NDF : 1338802981.1/19

In: 0.679+/-0.000 χ^2/NDF :327264560.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.709+/-0.000 χ^2/NDF : 1338802981.1/19

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 1832493.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 1655776.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

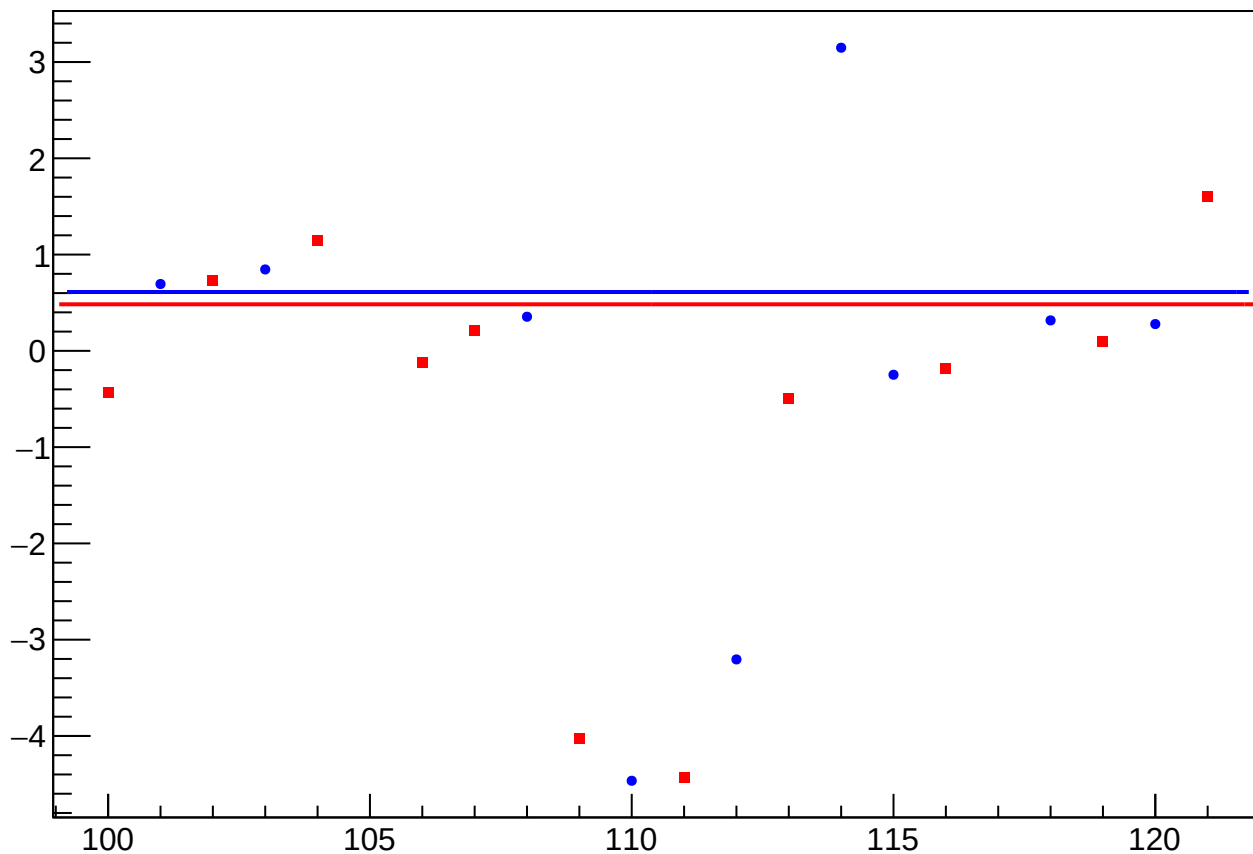
Right: 0.044+/-0.000 χ^2/NDF : 3561812.0/19

In: 0.040+/-0.000 χ^2/NDF : 1832493.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 3561812.0/19

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.611+/-0.000 χ^2/NDF : 1344883665.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.483+/-0.000 χ^2/NDF : 3793228389.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

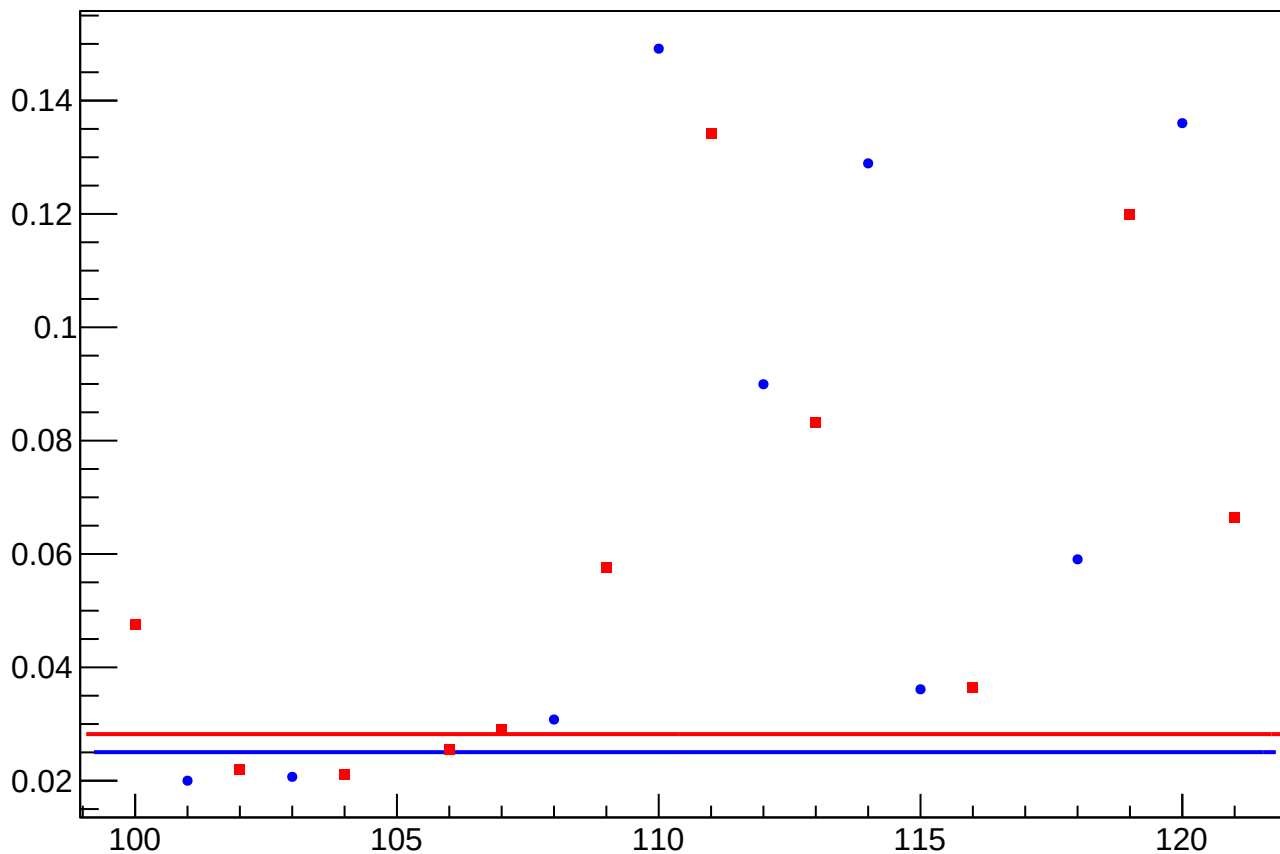
Right: 0.547+/-0.000 χ^2/NDF : 5165003225.1/19

In: 0.611+/-0.000 χ^2/NDF : 1344883665.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.547+/-0.000 χ^2/NDF : 5165003225.1/19

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 1819045.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 2099570.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

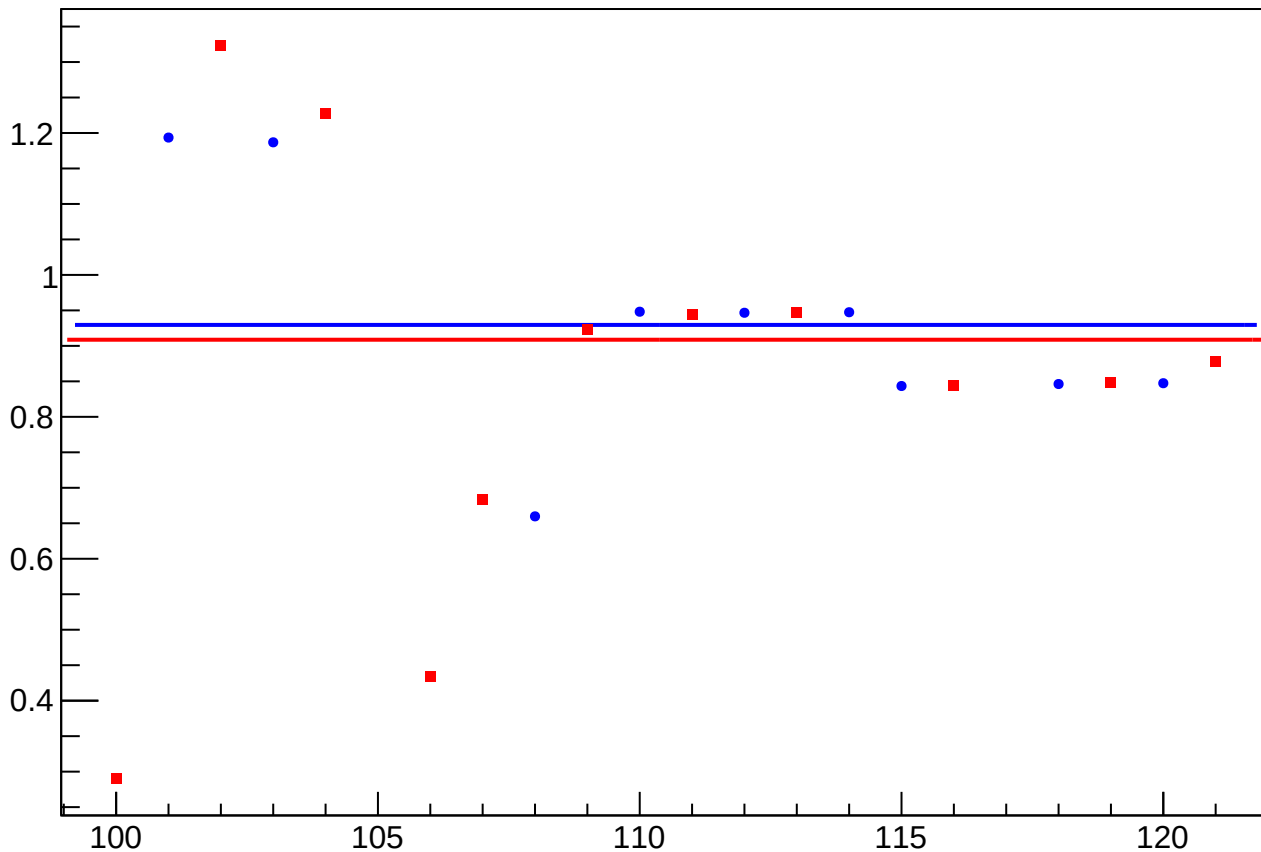
Right: 0.027+/-0.000 χ^2/NDF : 3951988.5/19

In: 0.025+/-0.000 χ^2/NDF : 1819045.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 3951988.5/19

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.930+/-0.000 χ^2/NDF : 298580644.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.909+/-0.000 χ^2/NDF : 469916770.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

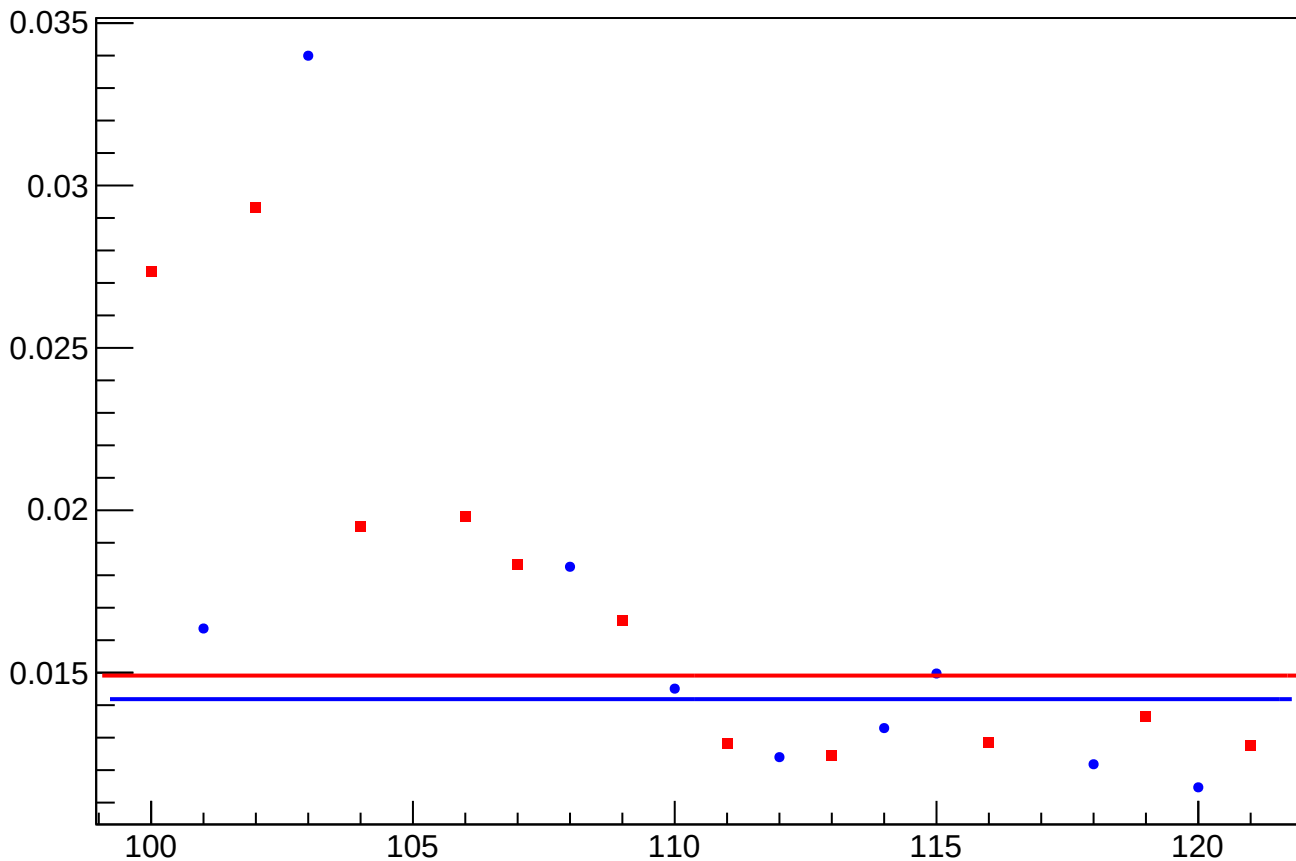
Right: 0.919+/-0.000 χ^2/NDF : 771945663.1/19

In: 0.930+/-0.000 χ^2/NDF : 298580644.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.919+/-0.000 χ^2/NDF : 771945663.1/19

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 519698.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 499320.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

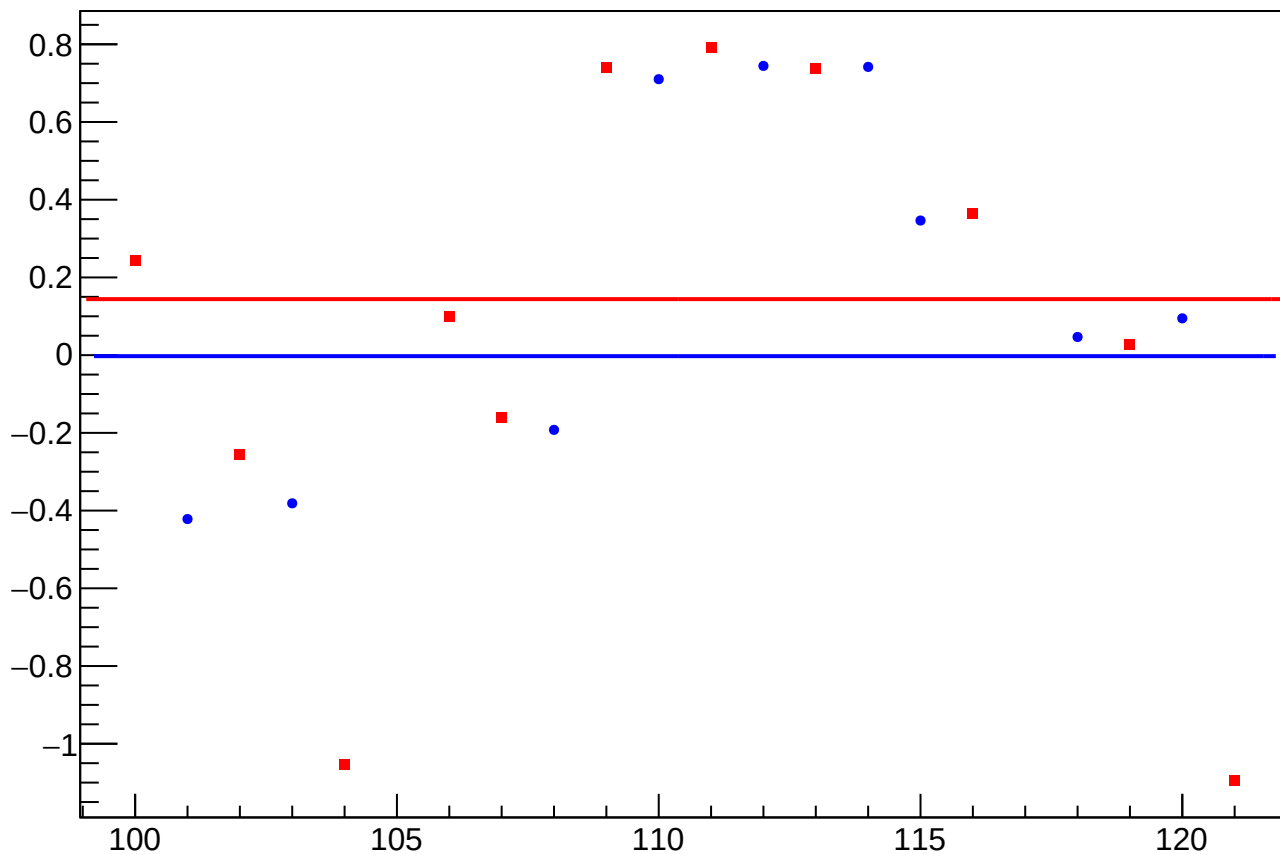
Right: 0.015+/-0.000 χ^2/NDF : 1027359.1/19

In: 0.014+/-0.000 χ^2/NDF : 519698.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1027359.1/19

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.000 χ^2/NDF : 1823702529.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.144+/-0.000 χ^2/NDF : 9185739108.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

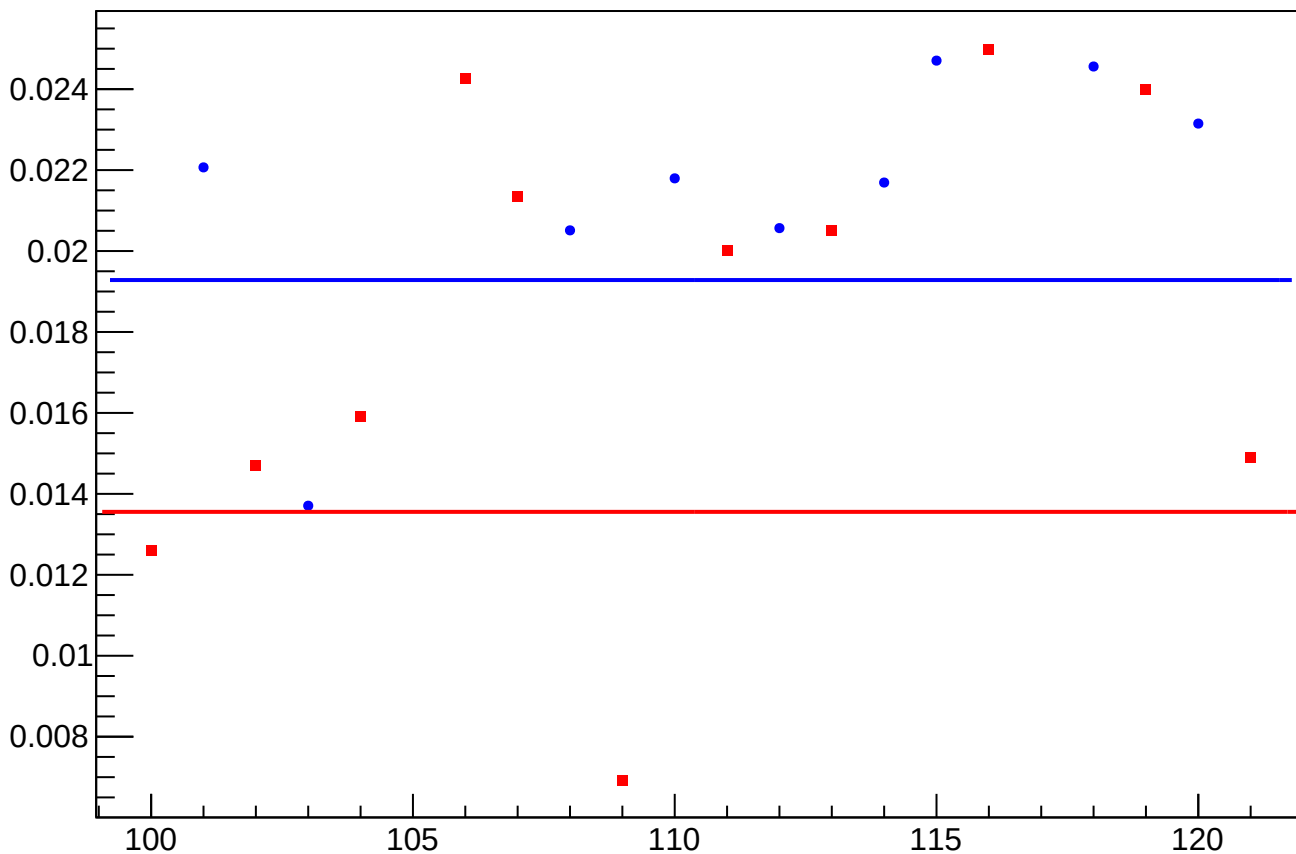
Right: 0.097+/-0.000 χ^2/NDF : 11134964914.9/19

In: -0.003+/-0.000 χ^2/NDF :1823702529.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.097+/-0.000 χ^2/NDF : 11134964914.9/19

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 298267.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1320540.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

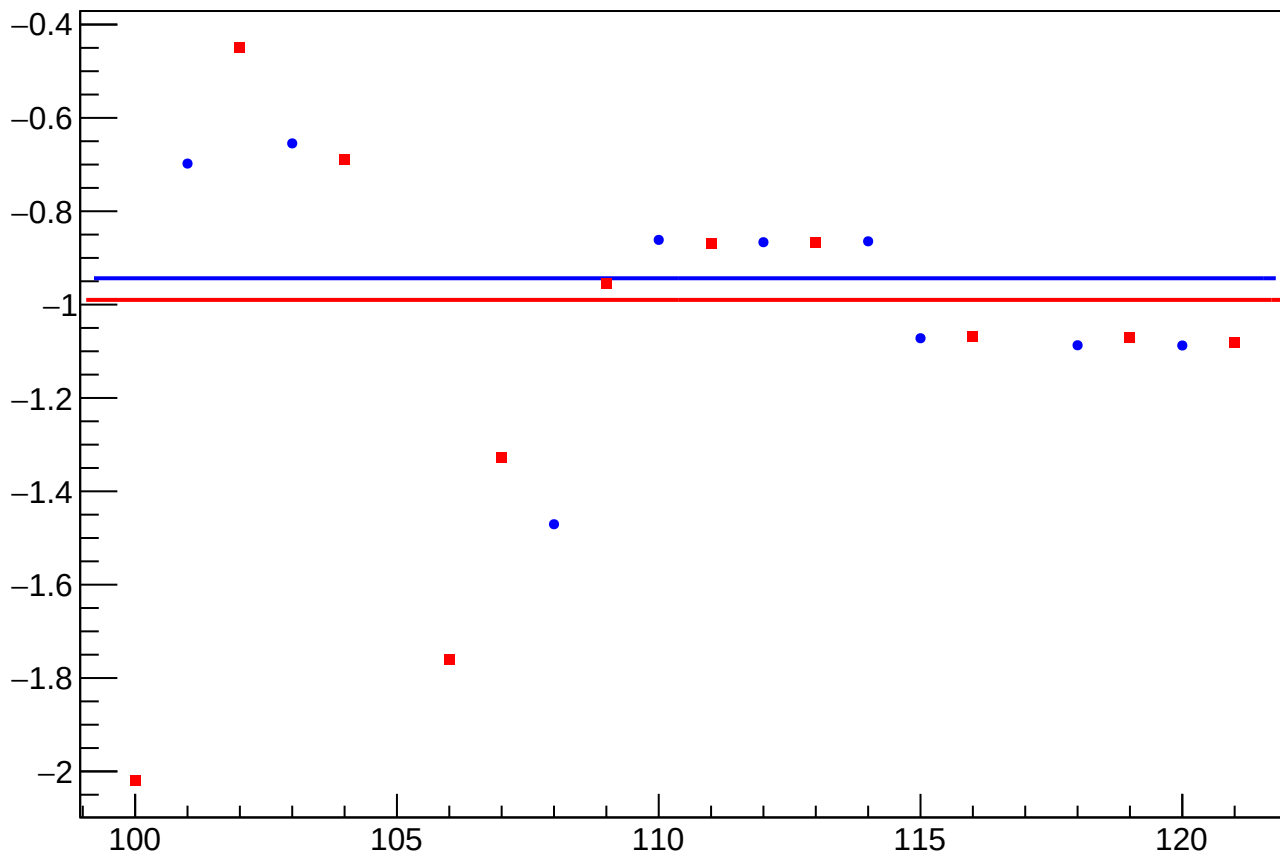
Right: 0.015+/-0.000 χ^2/NDF : 2001316.6/19

In: 0.019+/-0.000 χ^2/NDF :298267.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2001316.6/19

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.944+/-0.000 χ^2/NDF : 122581555.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.990+/-0.000 χ^2/NDF : 235550240.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

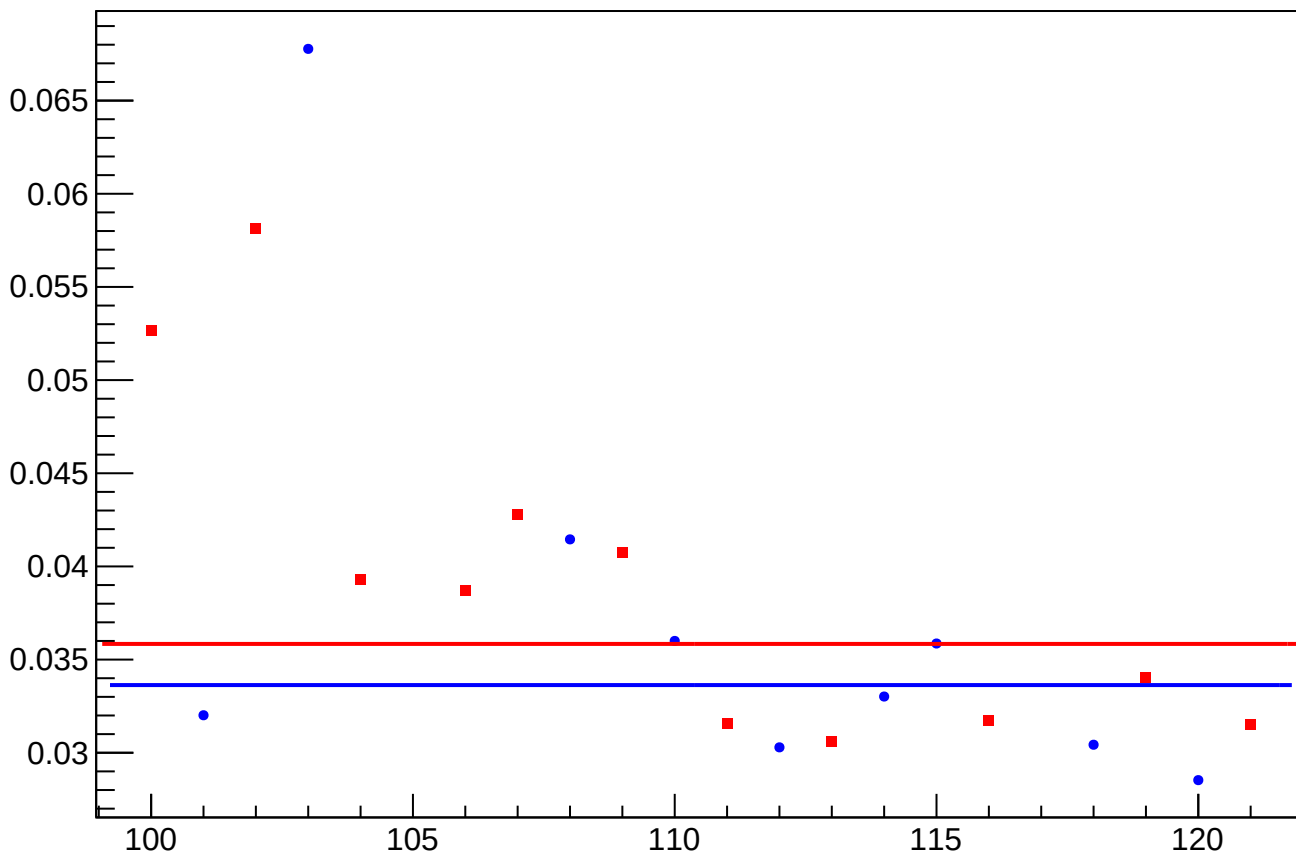
Right: -0.968+/-0.000 χ^2/NDF : 361168551.8/19

In: -0.944+/-0.000 χ^2/NDF :122581555.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.968+/-0.000 χ^2/NDF : 361168551.8/19

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 353232.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 273183.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

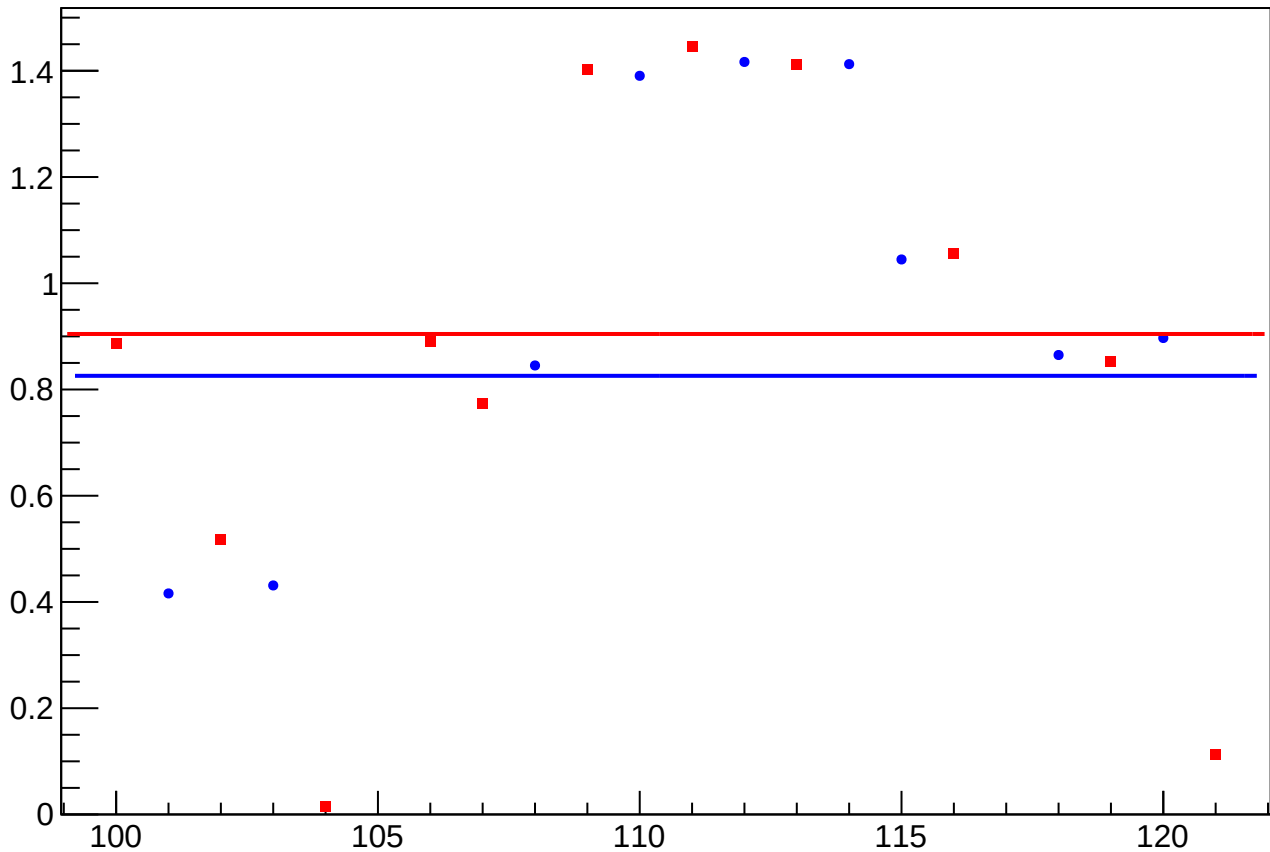
Right: 0.035+/-0.000 χ^2/NDF : 640212.8/19

In: 0.034+/-0.000 χ^2/NDF : 353232.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 640212.8/19

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.826+/-0.000 χ^2/NDF : 2887832935.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.905+/-0.000 χ^2/NDF : 9825007788.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

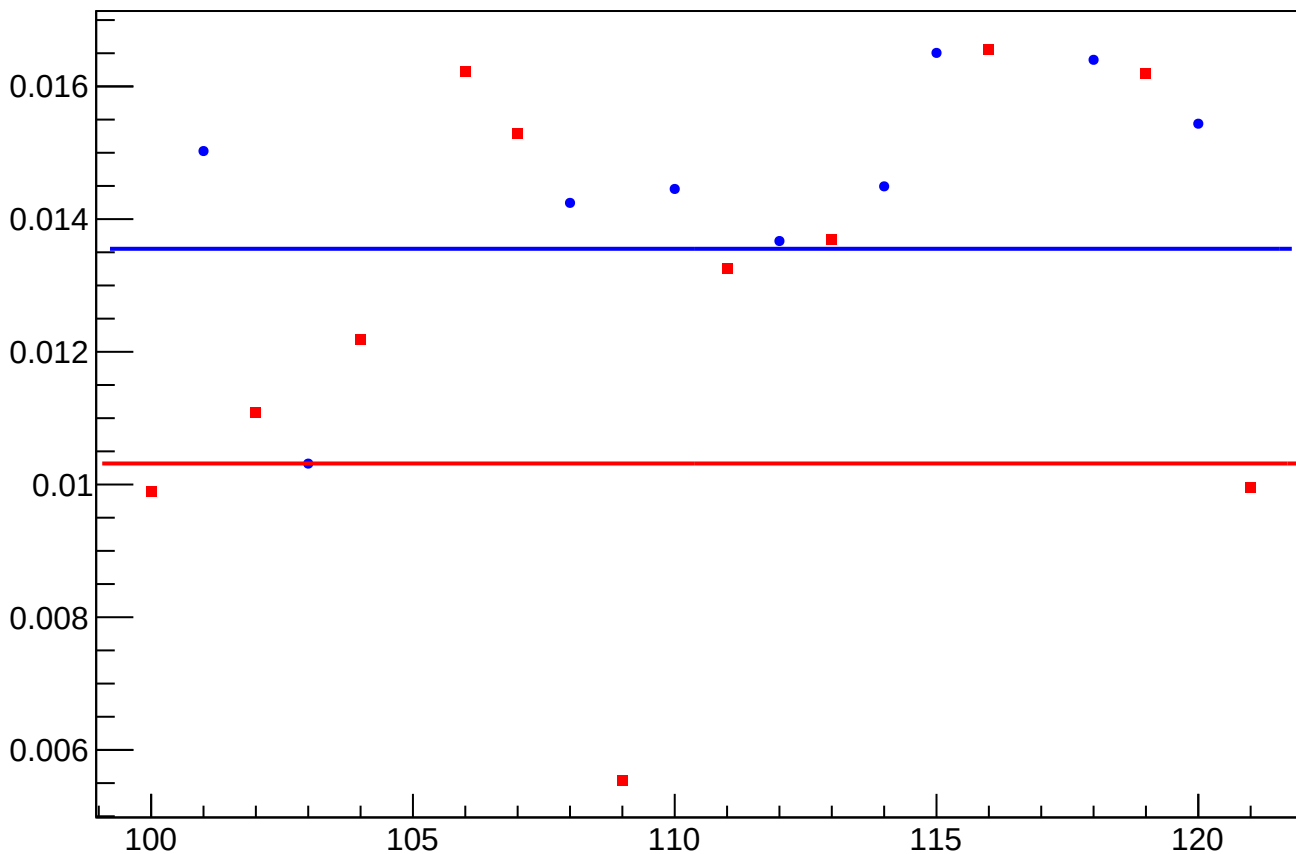
Right: 0.877+/-0.000 χ^2/NDF : 12784348688.9/19

In: 0.826+/-0.000 χ^2/NDF : 2887832935.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.877+/-0.000 χ^2/NDF : 12784348688.9/19

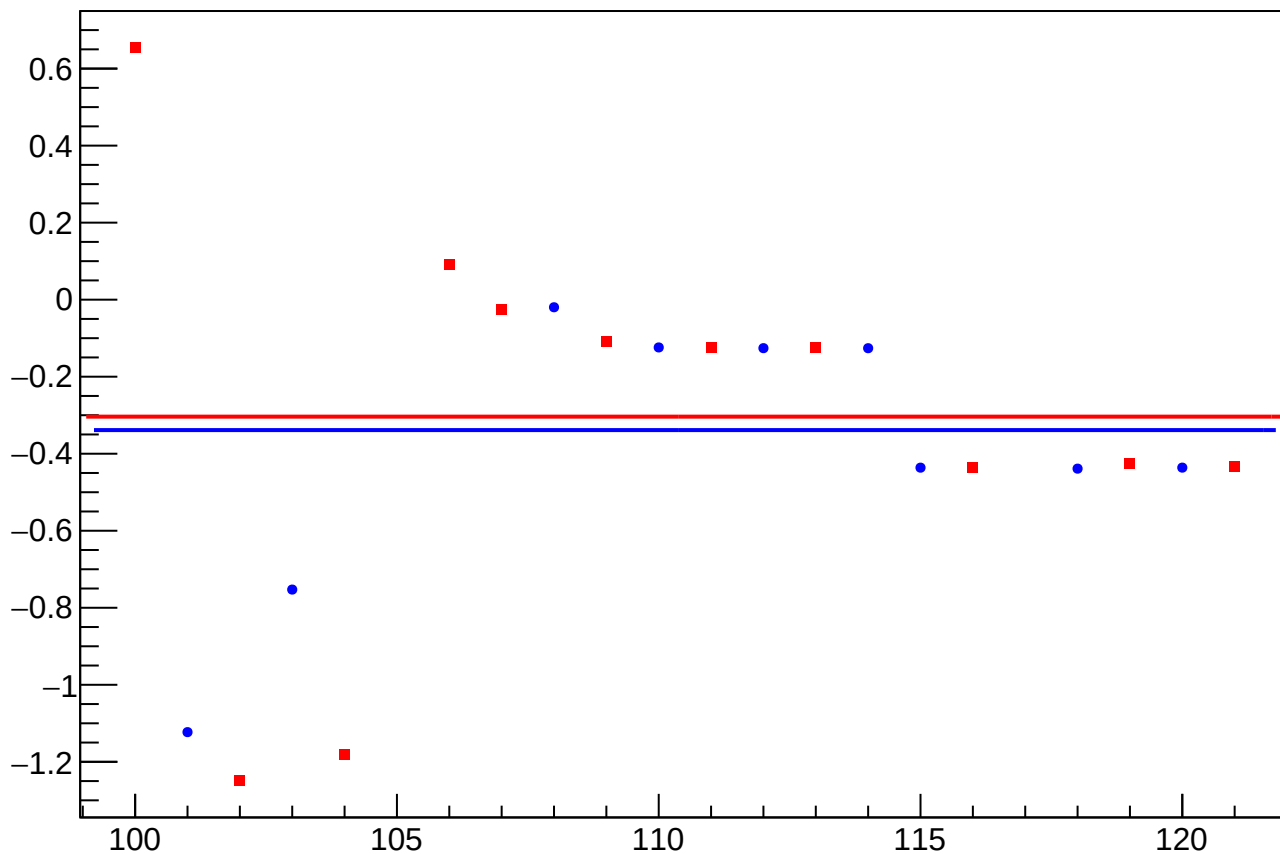
yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 175213.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.010+/-0.000 χ^2/NDF : 946631.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.011+/-0.000 χ^2/NDF : 1363249.4/19
 In: 0.014+/-0.000 χ^2/NDF : 175213.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.011+/-0.000 χ^2/NDF : 1363249.4/19

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.339+/-0.000 χ^2/NDF : 633133023.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.304+/-0.000 χ^2/NDF : 681584474.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

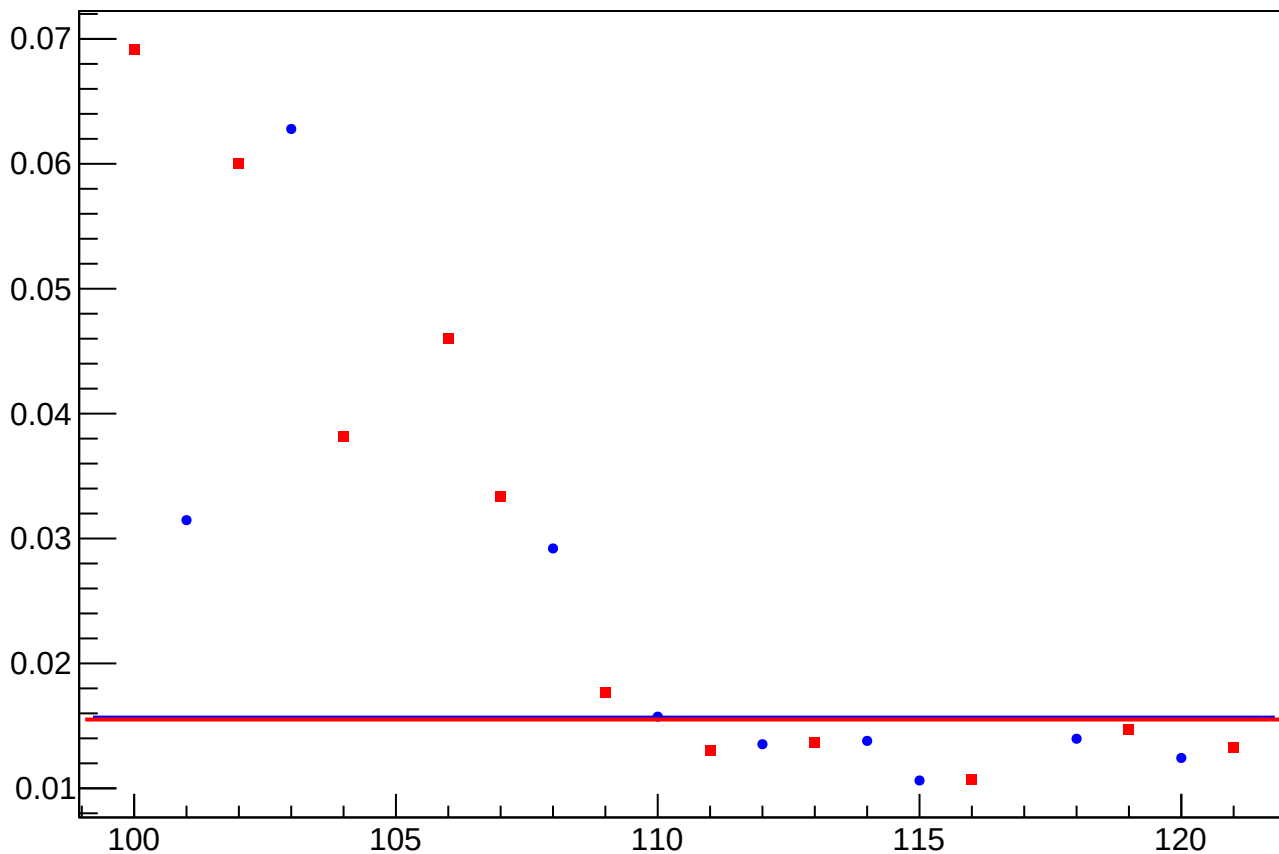
Right: -0.320+/-0.000 χ^2/NDF : 1321542196.7/19

In: -0.339+/-0.000 χ^2/NDF :633133023.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.320+/-0.000 χ^2/NDF : 1321542196.7/19

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1141040.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1460027.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

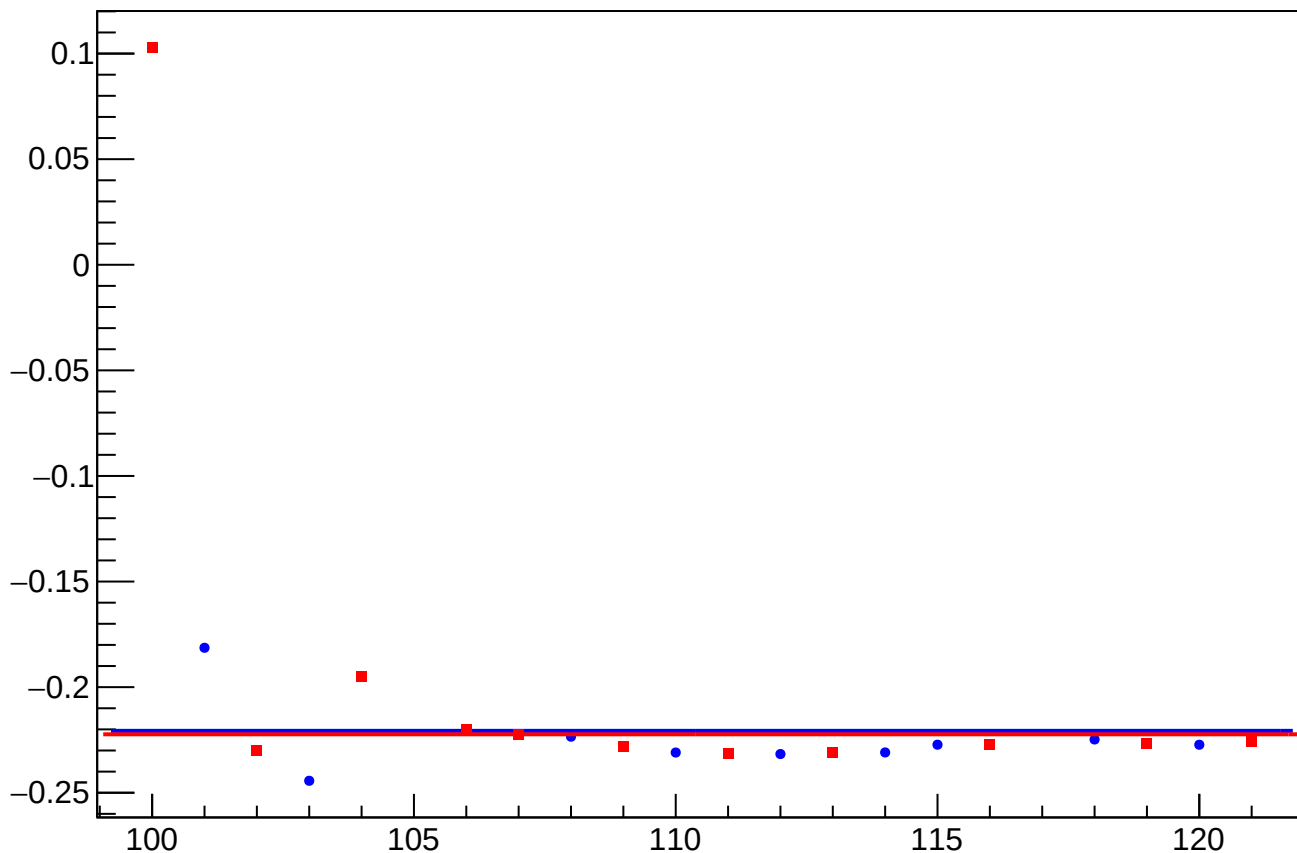
Right: 0.016+/-0.000 χ^2/NDF : 2601331.0/19

In: 0.016+/-0.000 χ^2/NDF : 1141040.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2601331.0/19

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 50201219.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.222+/-0.000 χ^2/NDF : 156974155.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

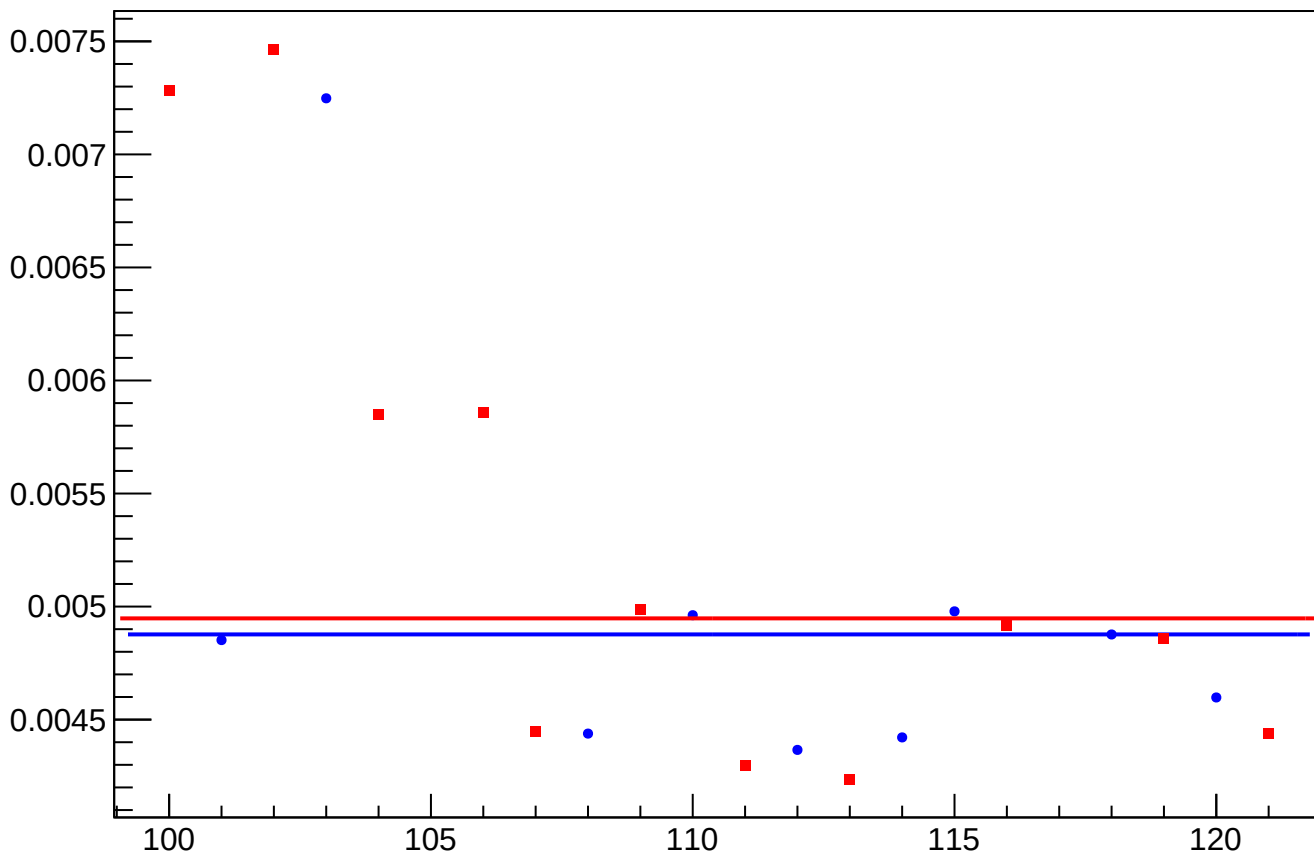
Right: -0.222+/-0.000 χ^2/NDF : 207374874.5/19

In: -0.221+/-0.000 χ^2/NDF : 50201219.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.000 χ^2/NDF : 207374874.5/19

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 144075.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 245726.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

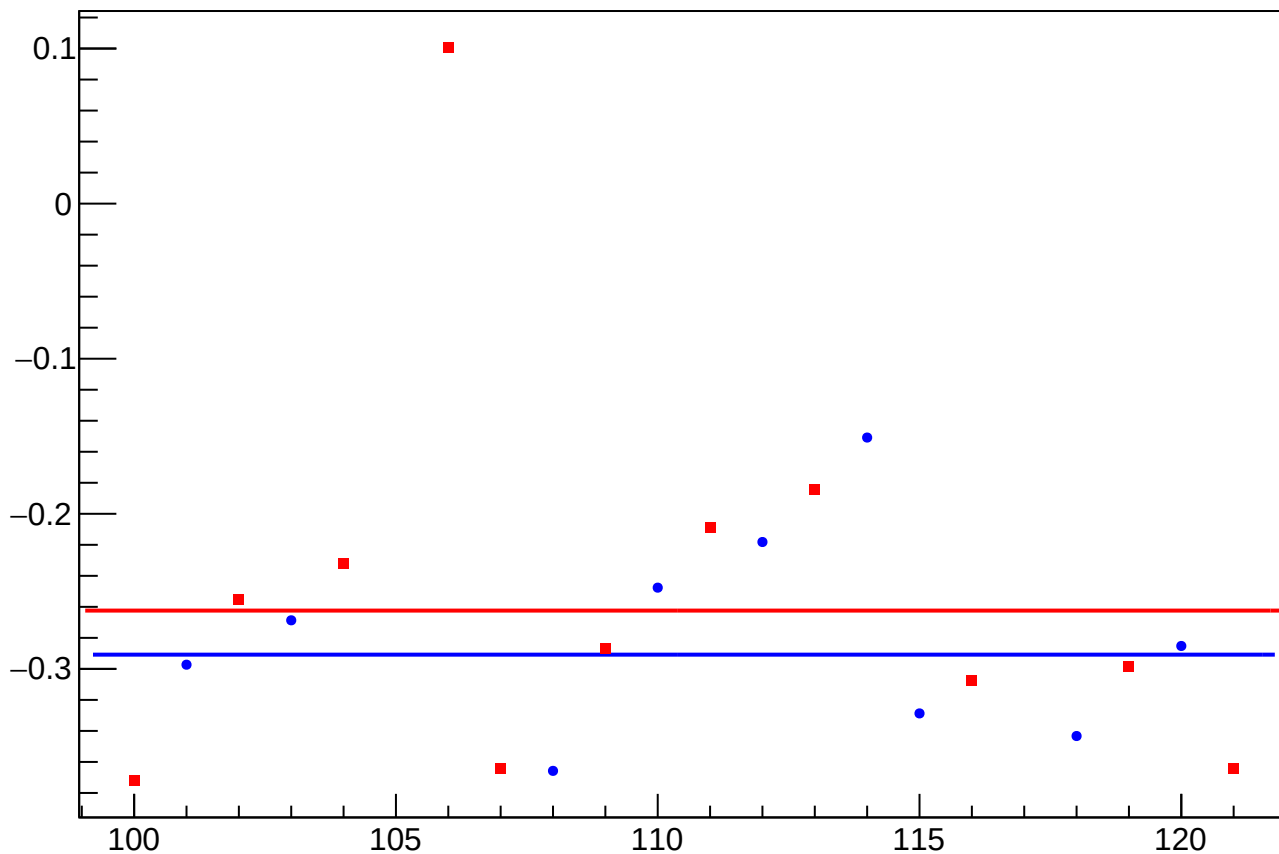
Right: 0.005+/-0.000 χ^2/NDF : 390550.4/19

In: 0.005+/-0.000 χ^2/NDF : 144075.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 390550.4/19

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.291+/-0.000 χ^2/NDF : 218151868.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.262+/-0.000 χ^2/NDF : 720893017.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

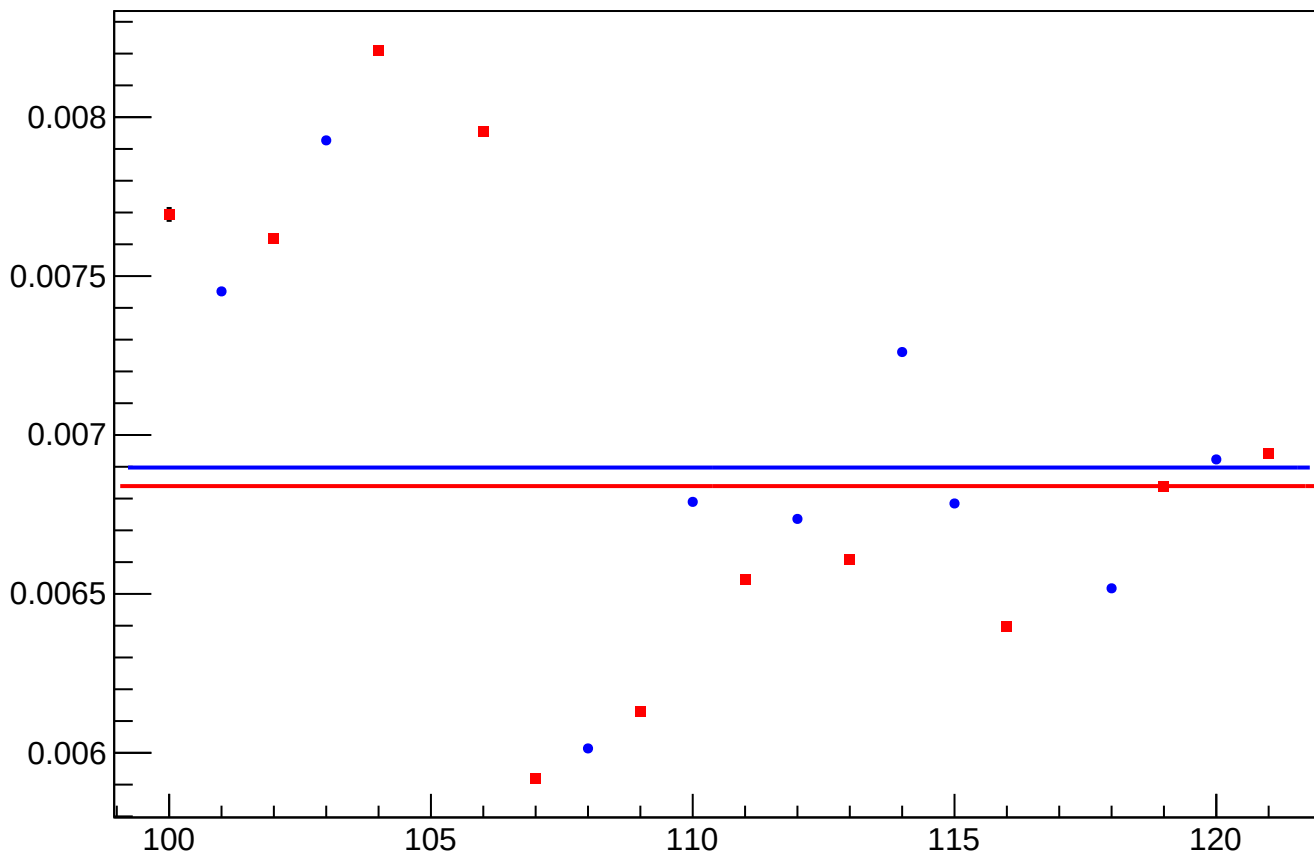
Right: -0.275+/-0.000 χ^2/NDF : 972602858.2/19

In: -0.291+/-0.000 χ^2/NDF : 218151868.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.275+/-0.000 χ^2/NDF : 972602858.2/19

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 49190.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 82307.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

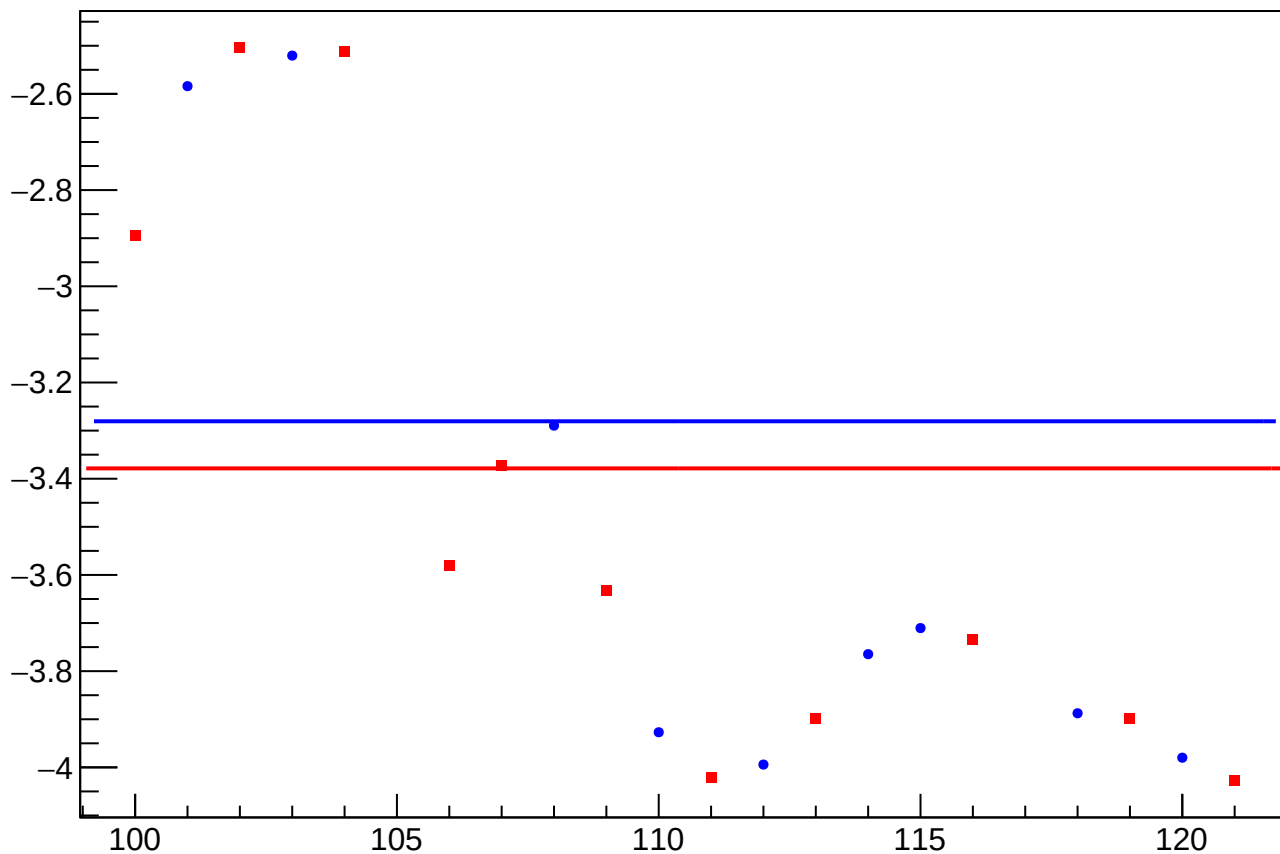
Right: 0.007+/-0.000 χ^2/NDF : 131782.1/19

In: 0.007+/-0.000 χ^2/NDF :49190.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 131782.1/19

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.281+/-0.000 χ^2/NDF : 24426493865.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.379+/-0.000 χ^2/NDF : 26378420955.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

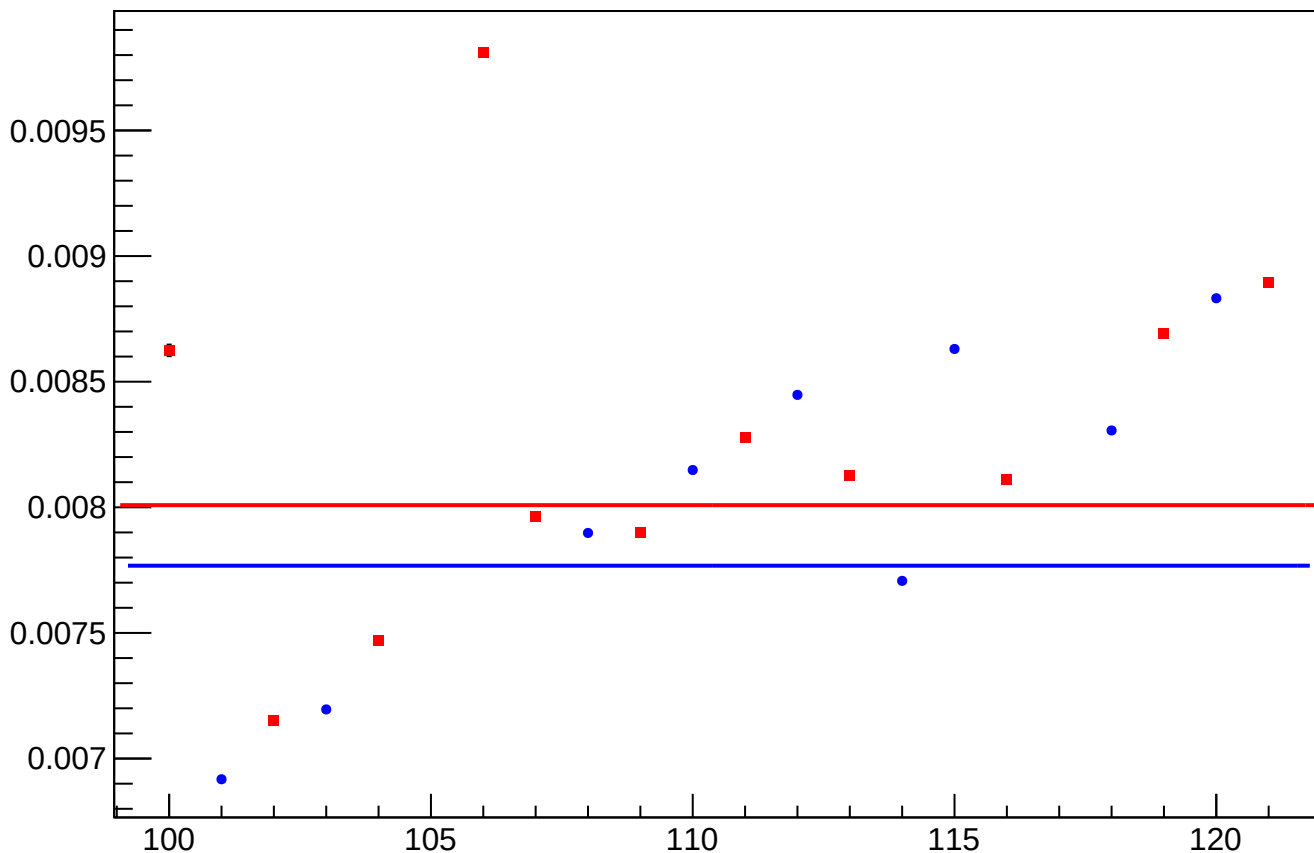
Right: -3.333+/-0.000 χ^2/NDF : 51103641818.6/19

In: -3.281+/-0.000 χ^2/NDF :24426493865.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.333+/-0.000 χ^2/NDF : 51103641818.6/19

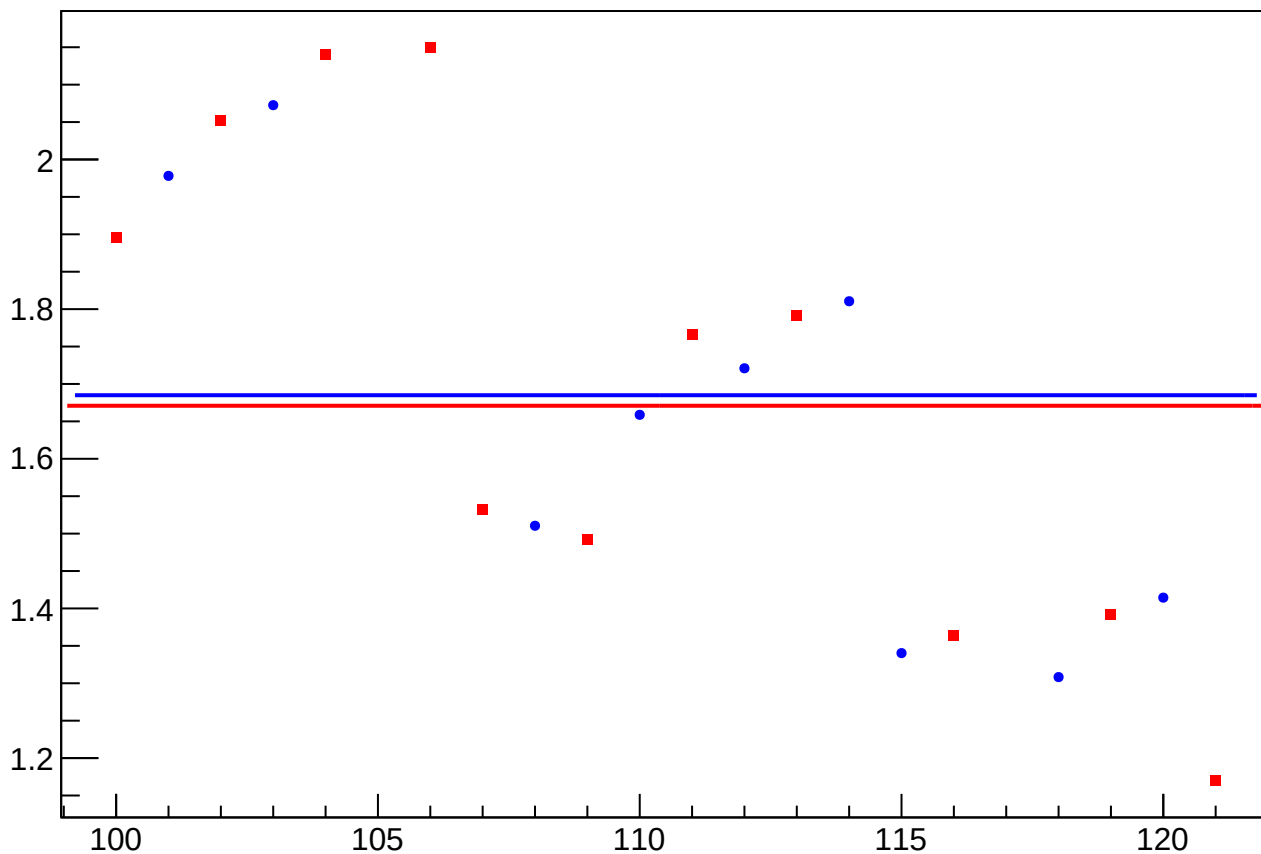
yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 51777.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.008+/-0.000 χ^2/NDF : 51706.6/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.008+/-0.000 χ^2/NDF : 107100.2/19
 In: 0.008+/-0.000 χ^2/NDF :51777.5/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.008+/-0.000 χ^2/NDF : 107100.2/19

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.685+/-0.000

χ^2/NDF : 1629168826.2/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.677+/-0.000

χ^2/NDF : 4465076312.9/19

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.685+/-0.000

χ^2/NDF : 1629168826.2/8

Right Out: 1.671+/-0.000

χ^2/NDF : 2833566005.1/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

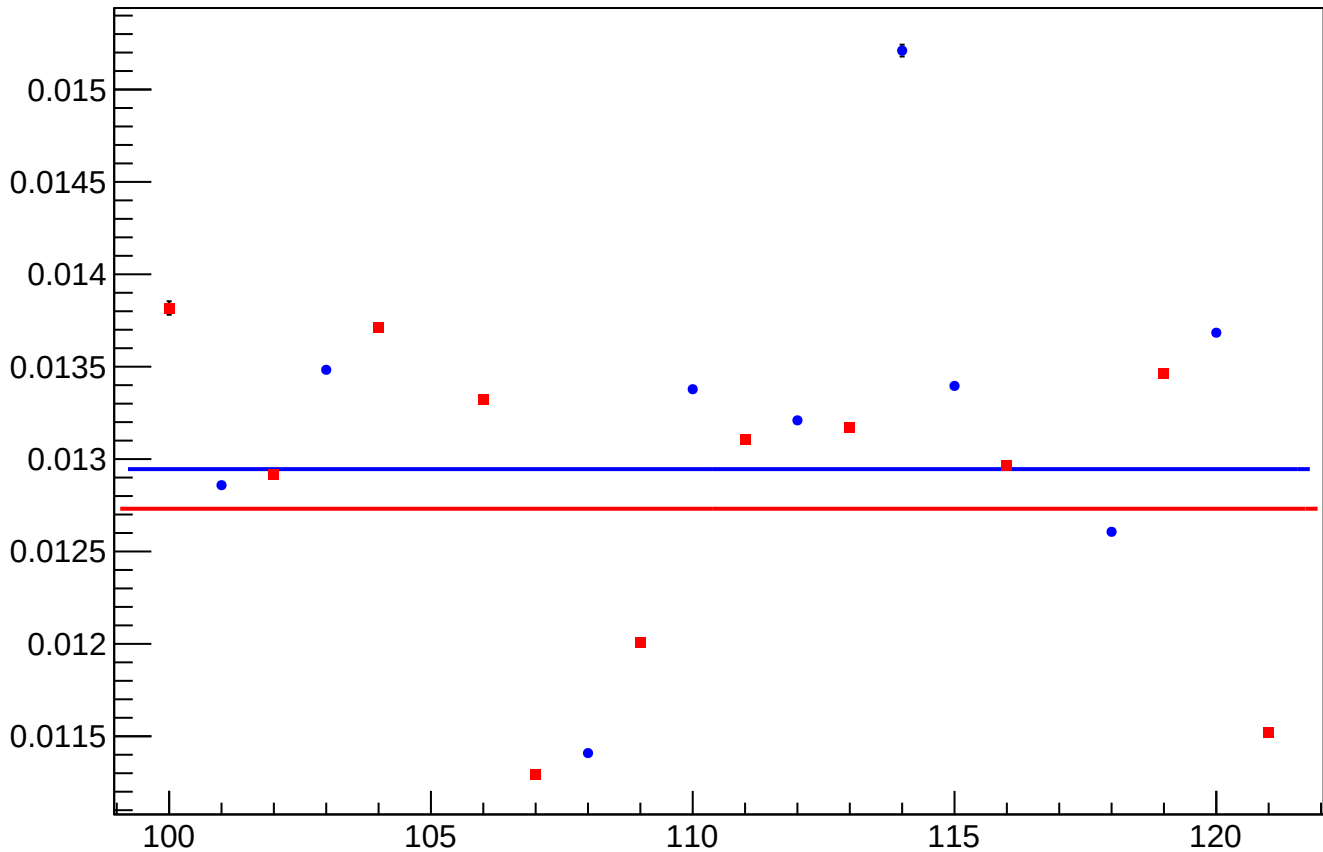
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.677+/-0.000

χ^2/NDF : 4465076312.9/19

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 25375.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 33476.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

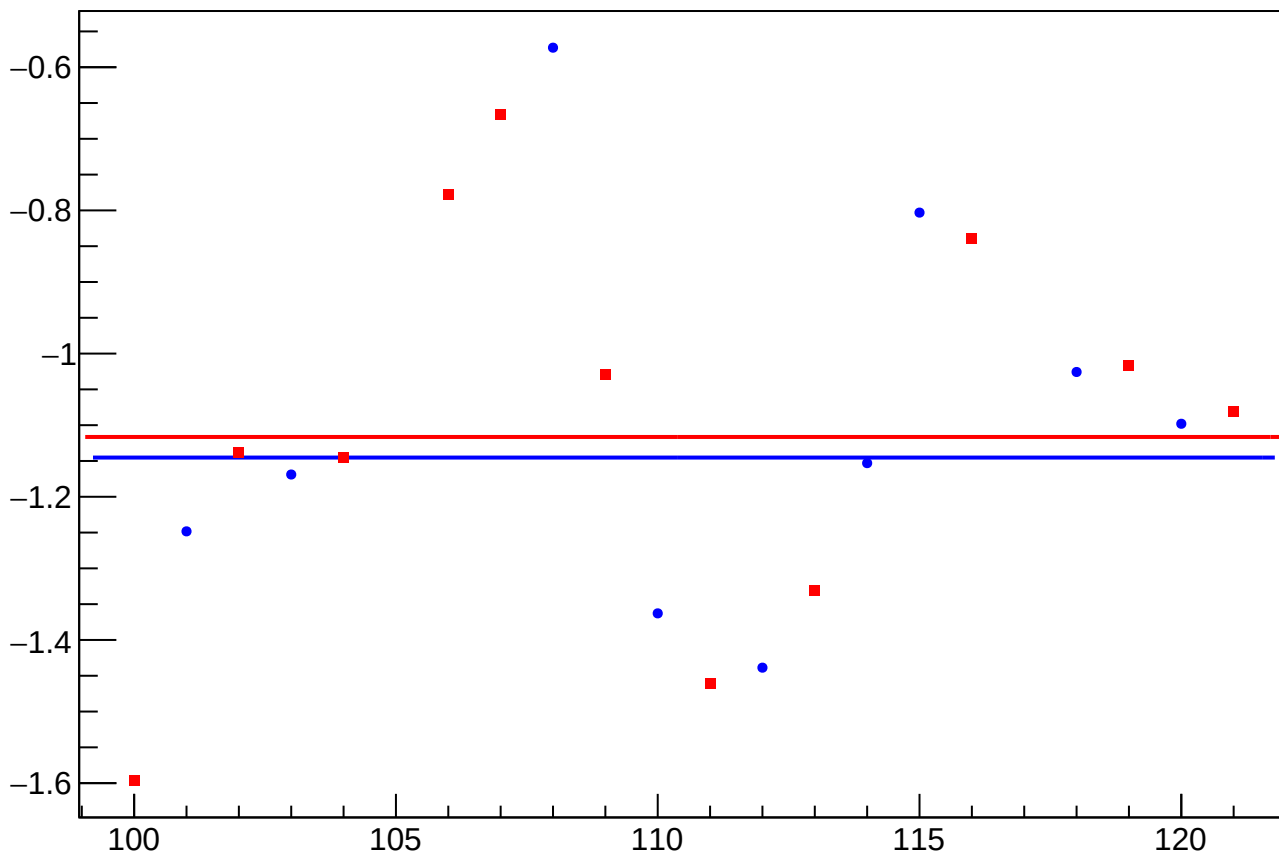
Right: 0.013+/-0.000 χ^2/NDF : 59937.1/19

In: 0.013+/-0.000 χ^2/NDF : 25375.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 59937.1/19

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.145+/-0.000 χ^2/NDF : 2380369597.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.116+/-0.000 χ^2/NDF : 1911094360.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

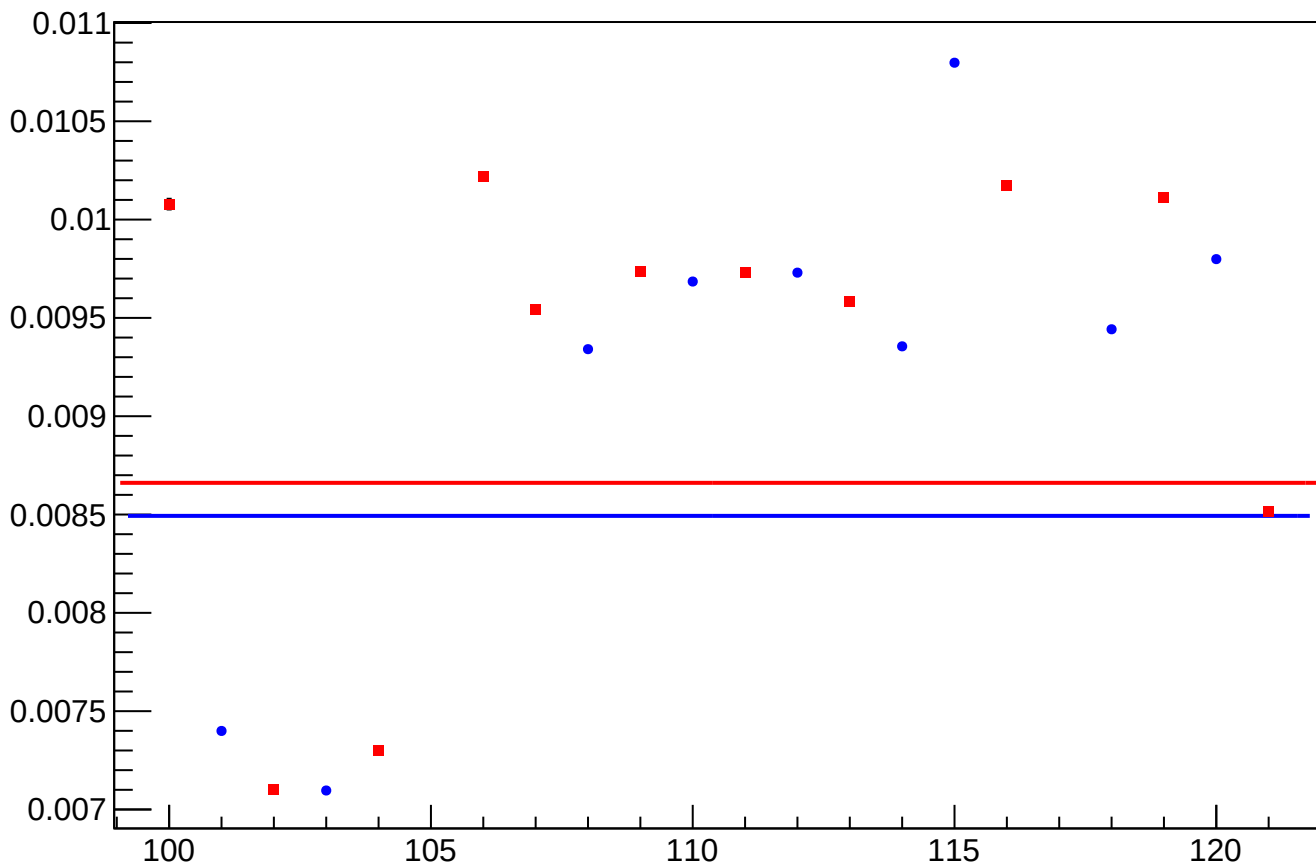
Right: -1.130+/-0.000 χ^2/NDF : 4312585032.6/19

In: -1.145+/-0.000 χ^2/NDF :2380369597.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.130+/-0.000 χ^2/NDF : 4312585032.6/1

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 140971.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 173578.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

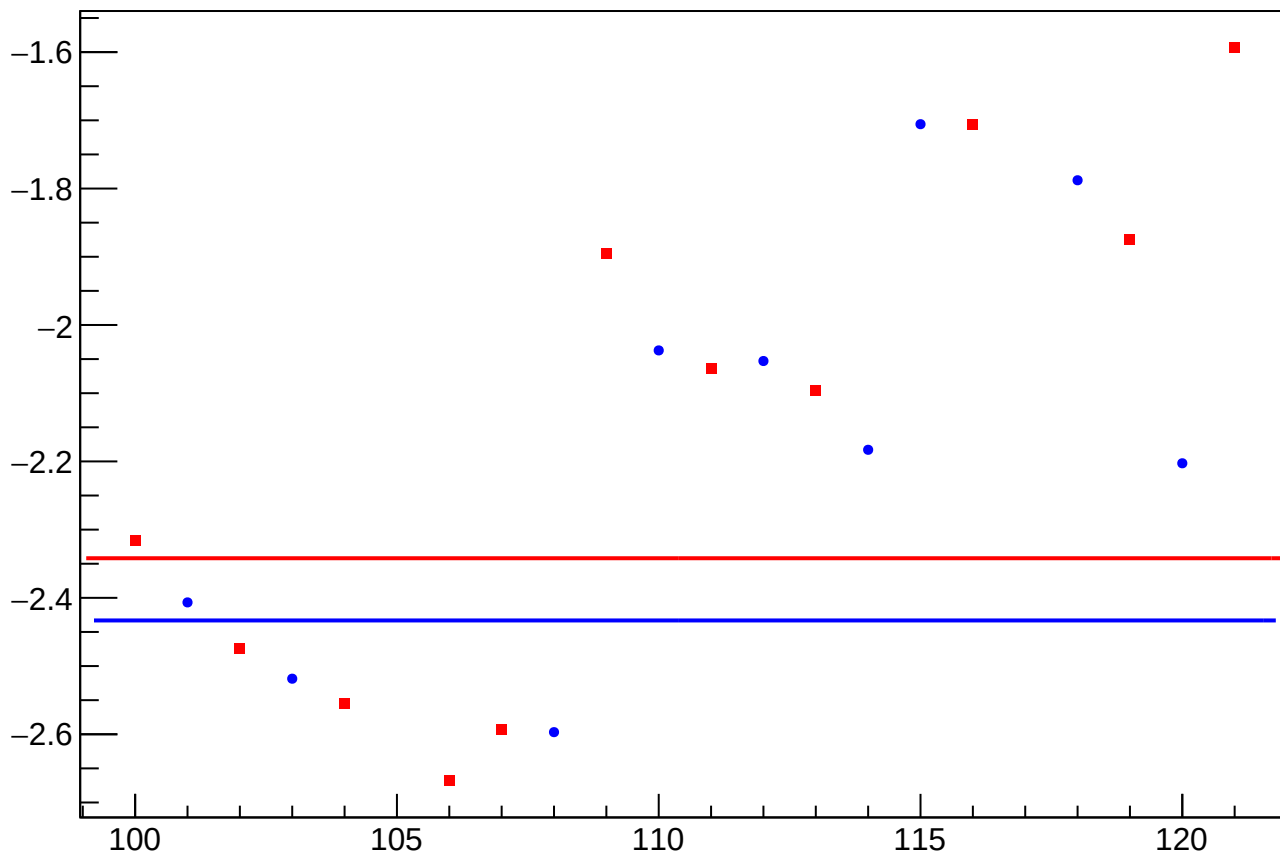
Right: 0.009+/-0.000 χ^2/NDF : 315990.4/19

In: 0.008+/-0.000 χ^2/NDF :140971.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 315990.4/19

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.433+/-0.000 χ^2/NDF : 1544731437.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.342+/-0.000 χ^2/NDF : 6632267654.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

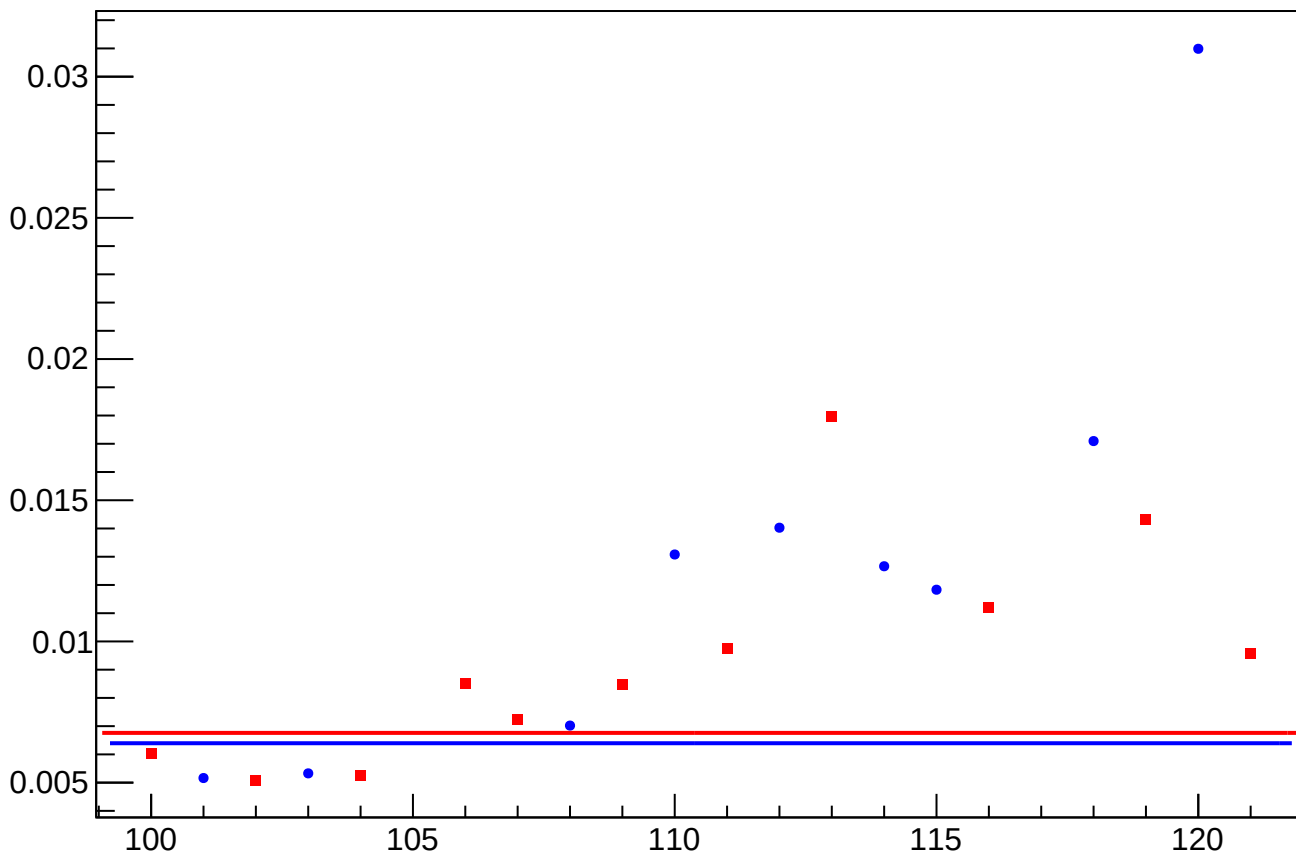
Right: -2.383+/-0.000 χ^2/NDF : 8438778737.5/19

In: -2.433+/-0.000 χ^2/NDF :1544731437.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.383+/-0.000 χ^2/NDF : 8438778737.5/19

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1128207.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 898065.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

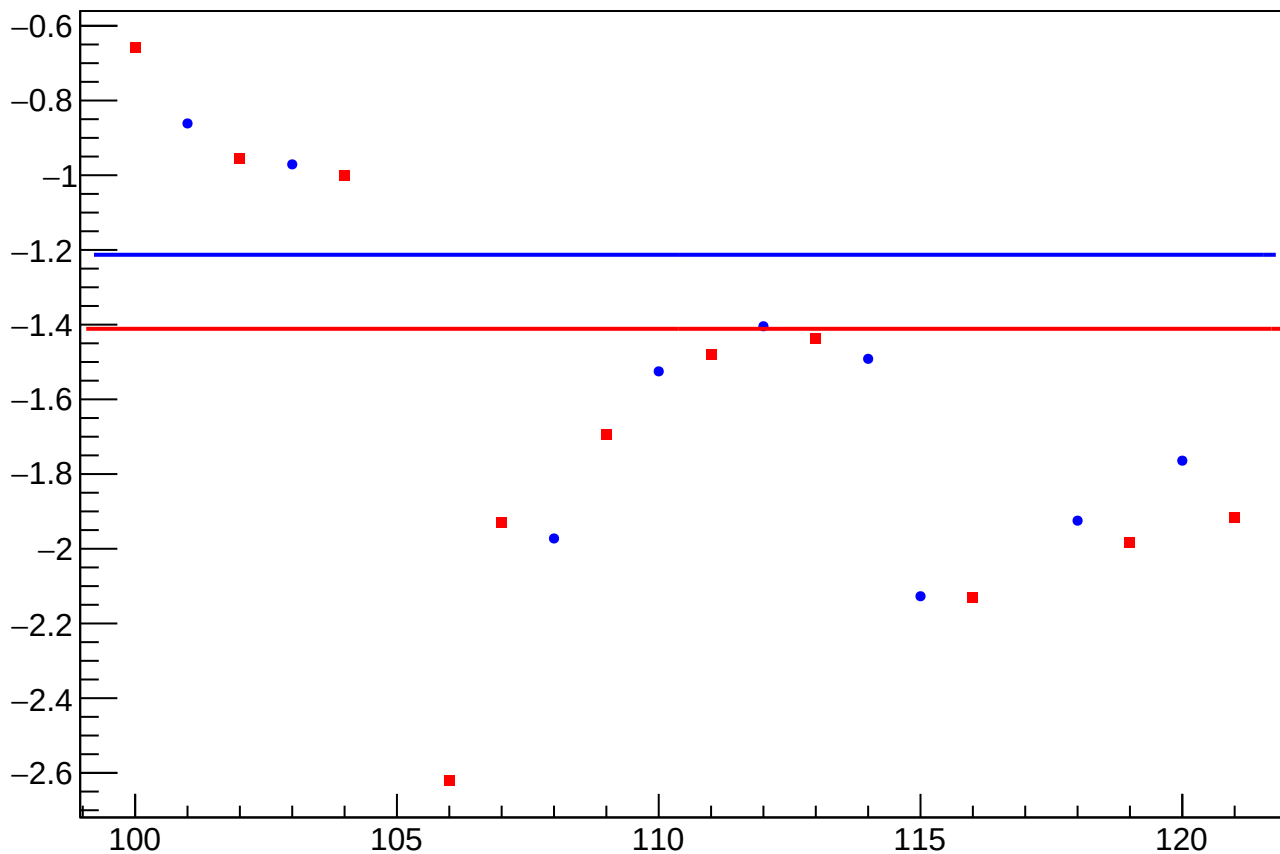
Right: 0.007+/-0.000 χ^2/NDF : 2034712.5/19

In: 0.006+/-0.000 χ^2/NDF :1128207.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2034712.5/19

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.213+/-0.000 χ^2/NDF : 12429097115.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.411+/-0.000 χ^2/NDF : 23578992373.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

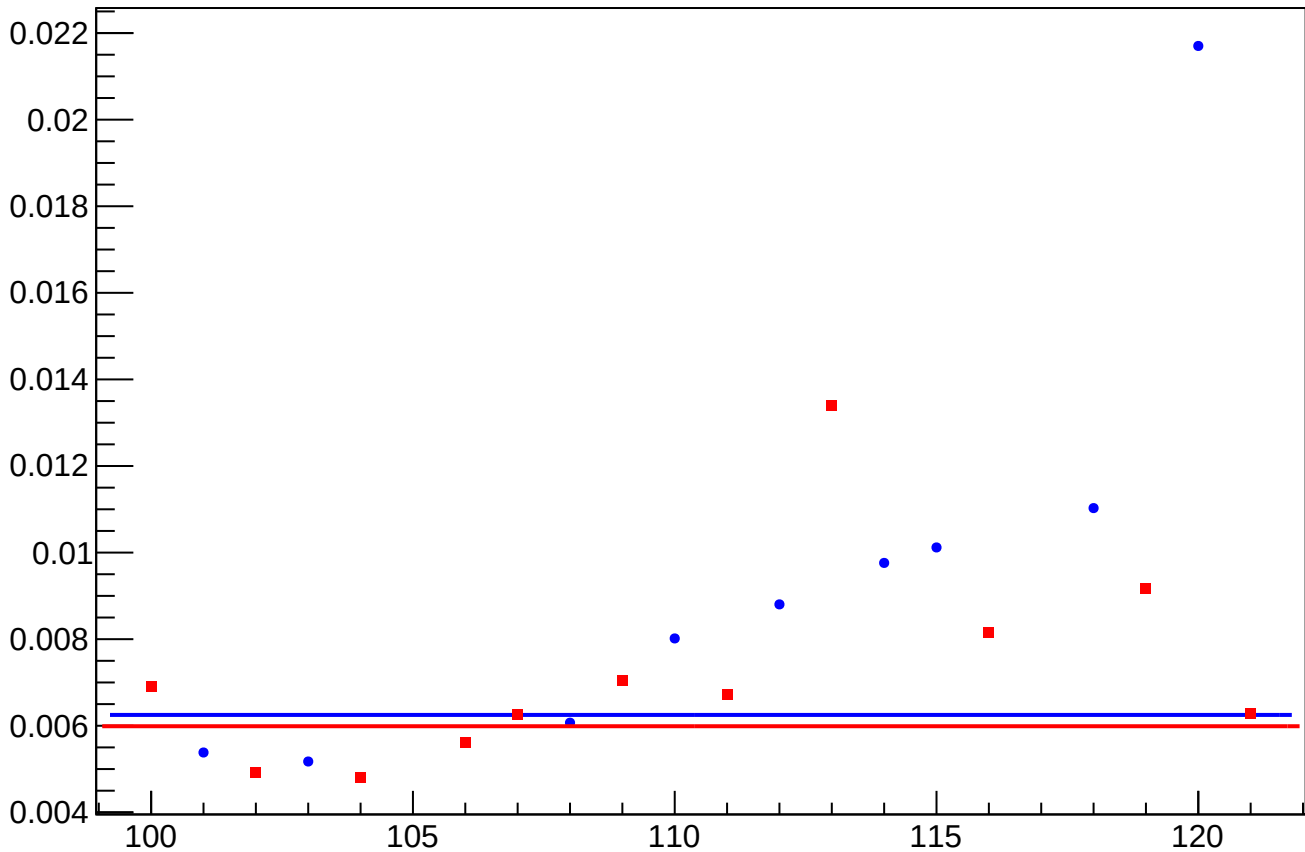
Right: -1.330+/-0.000 χ^2/NDF : 37541023586.8/19

In: -1.213+/-0.000 χ^2/NDF :12429097115.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.330+/-0.000 χ^2/NDF : 37541023586.8/19

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 587328.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 428096.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

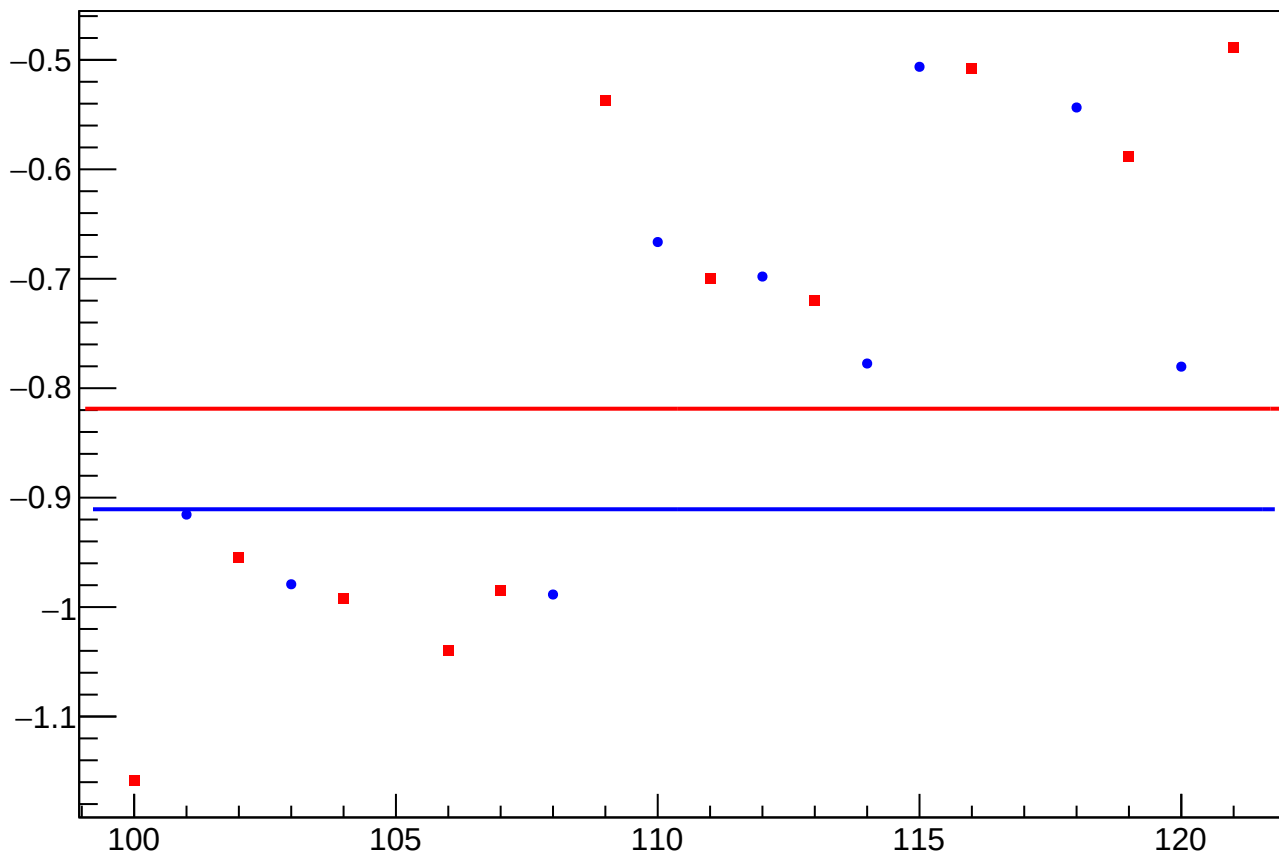
Right: 0.006+/-0.000 χ^2/NDF : 1020752.0/19

In: 0.006+/-0.000 χ^2/NDF :587328.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1020752.0/19

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.911+/-0.000 χ^2/NDF : 1271858441.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.819+/-0.000 χ^2/NDF : 5730086679.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

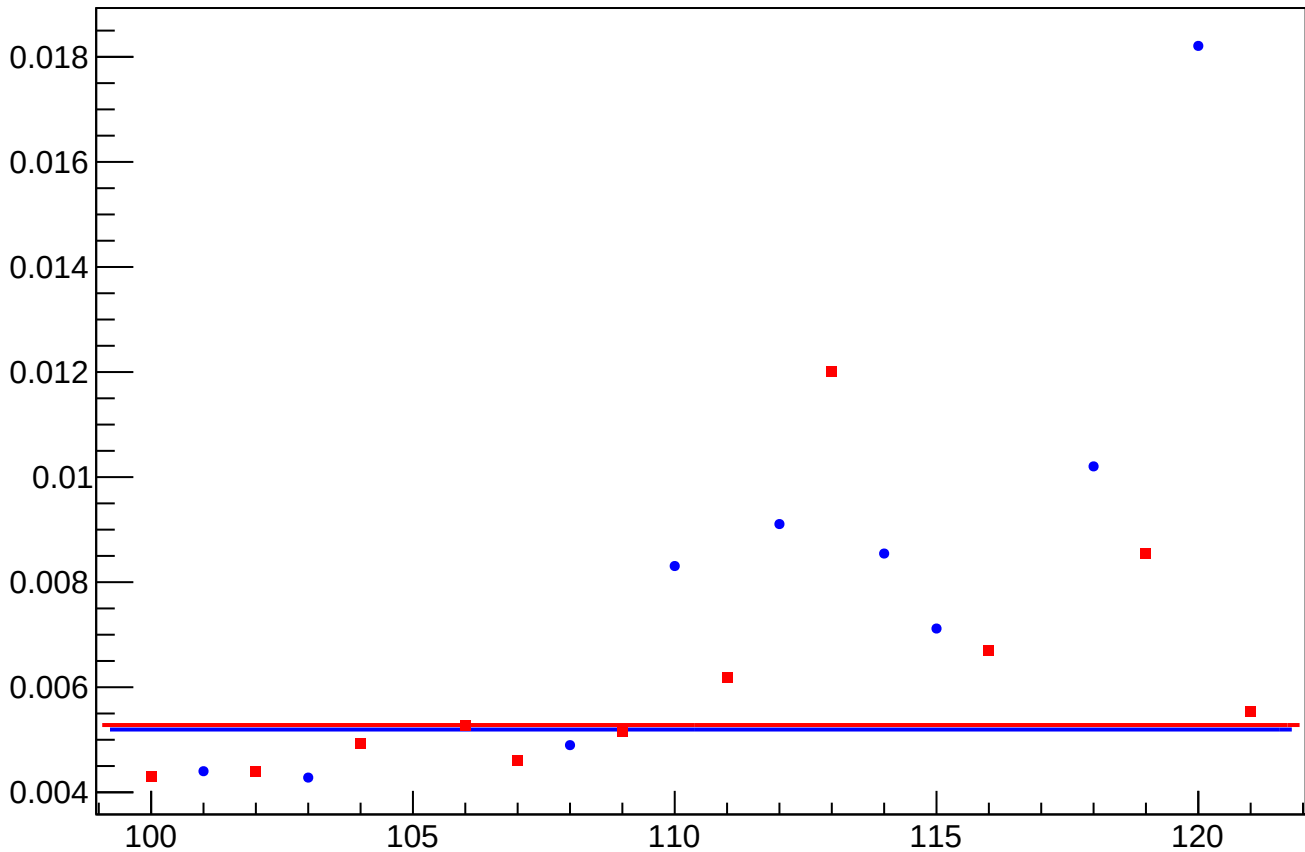
Right: -0.858+/-0.000 χ^2/NDF : 7453786348.6/19

In: -0.911+/-0.000 χ^2/NDF : 1271858441.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.858+/-0.000 χ^2/NDF : 7453786348.6/19

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 780911.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 406372.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

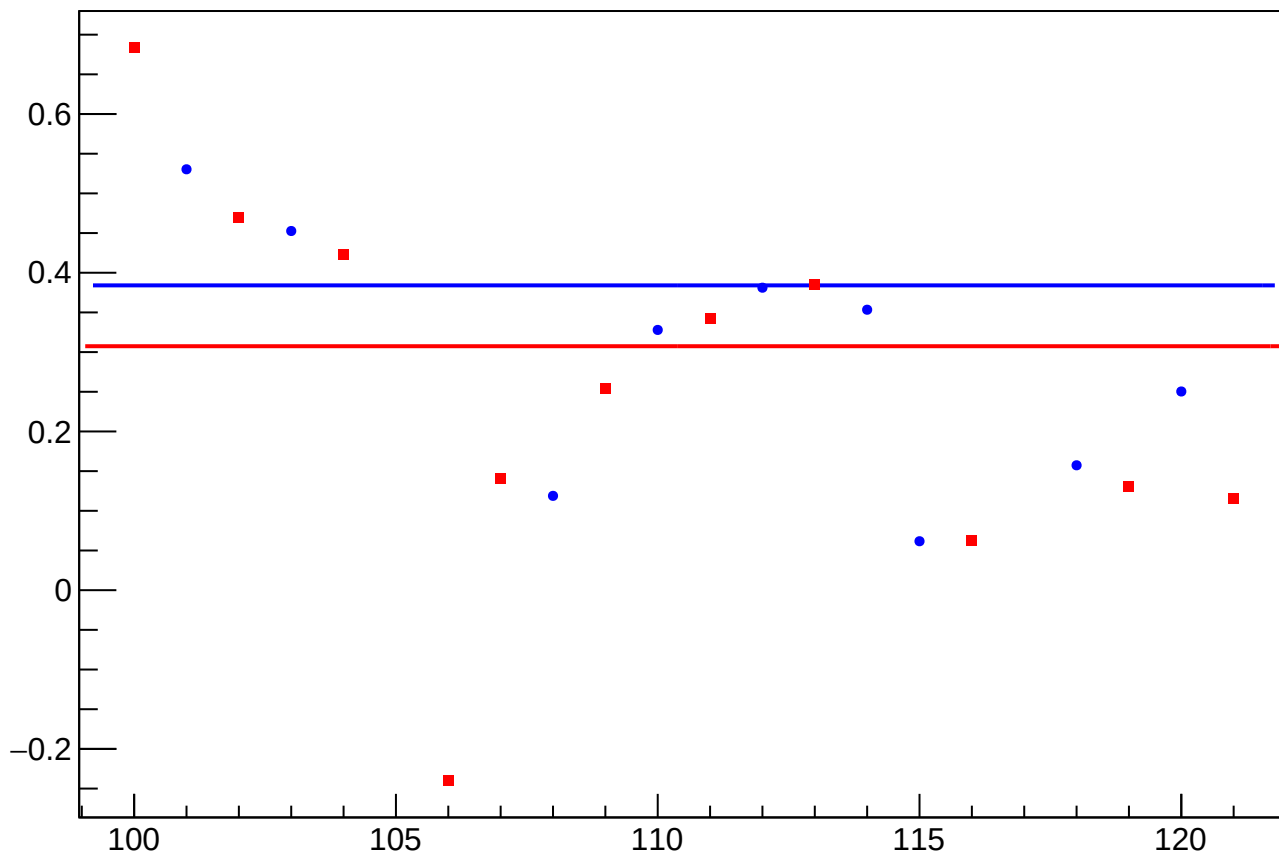
Right: 0.005+/-0.000 χ^2/NDF : 1188068.6/19

In: 0.005+/-0.000 χ^2/NDF : 780911.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1188068.6/19

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.384+/-0.000 χ^2/NDF : 3665308005.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.307+/-0.000 χ^2/NDF : 7063762775.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

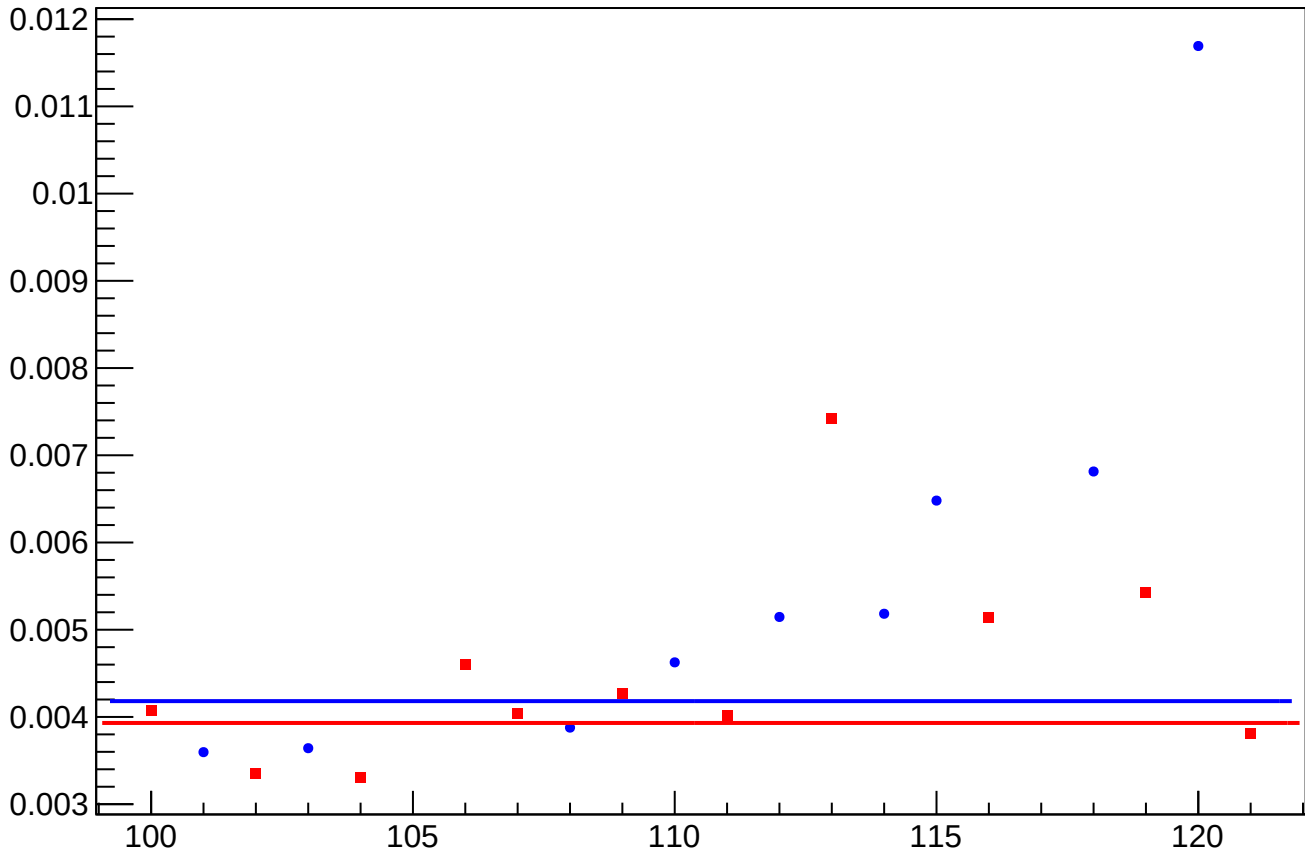
Right: 0.338+/-0.000 χ^2/NDF : 11280017072.8/19

In: 0.384+/-0.000 χ^2/NDF : 3665308005.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.338+/-0.000 χ^2/NDF : 11280017072.8/19

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 453342.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 289345.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

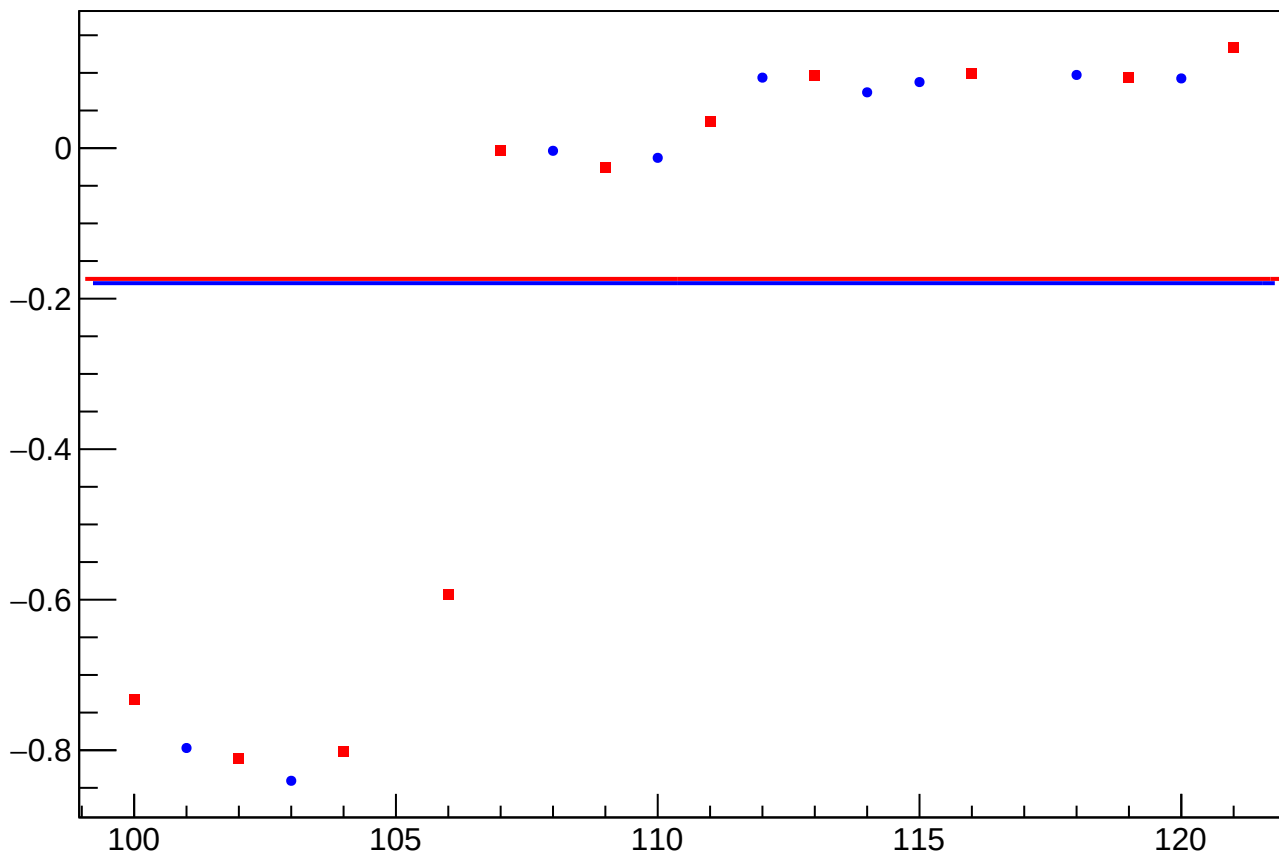
Right: 0.004+/-0.000 χ^2/NDF : 754442.7/19

In: 0.004+/-0.000 χ^2/NDF : 453342.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 754442.7/19

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.179+/-0.000 χ^2/NDF : 4860109256.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.174+/-0.000 χ^2/NDF : 5637529073.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

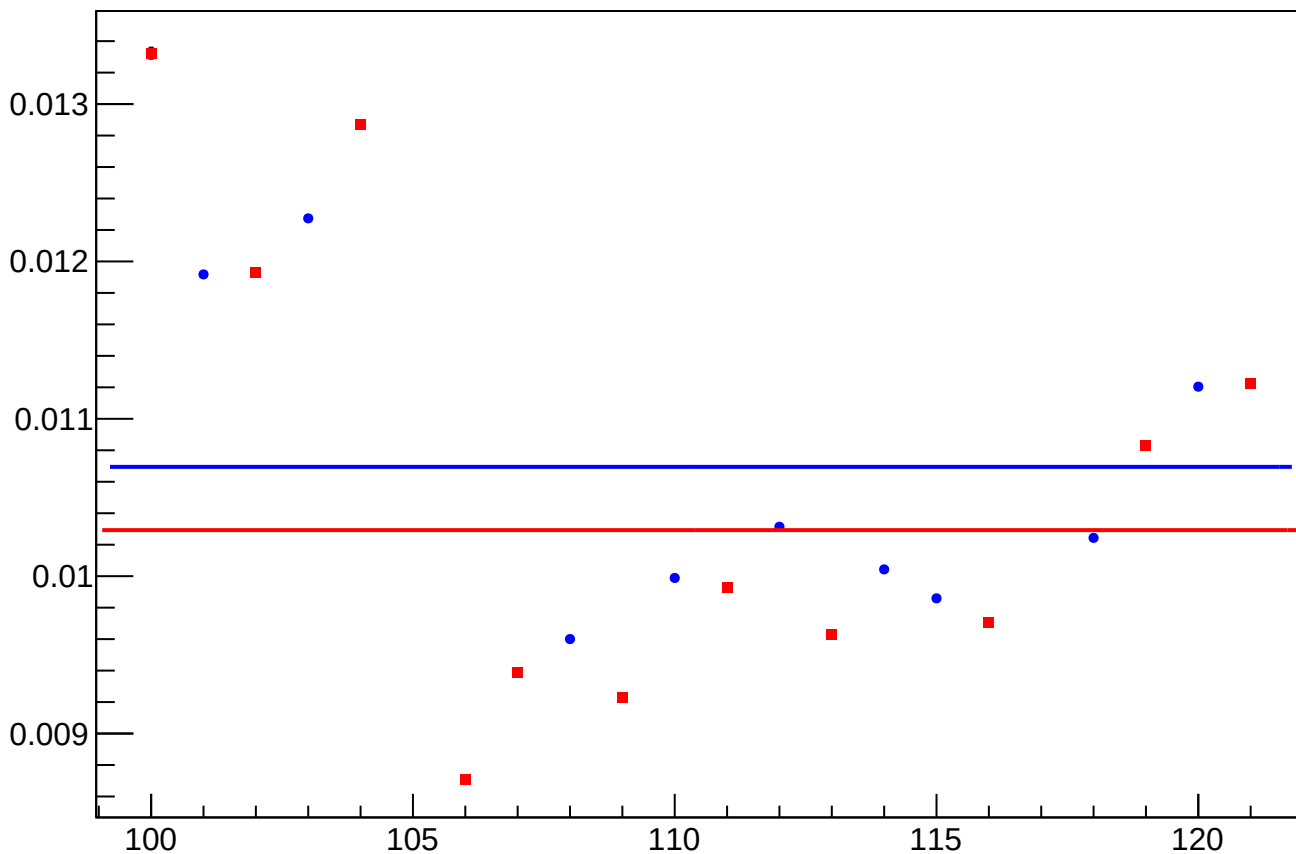
Right: -0.176+/-0.000 χ^2/NDF : 10498226281.8/19

In: -0.179+/-0.000 χ^2/NDF :4860109256.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.176+/-0.000 χ^2/NDF : 10498226281.8/19

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 55535.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 129962.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

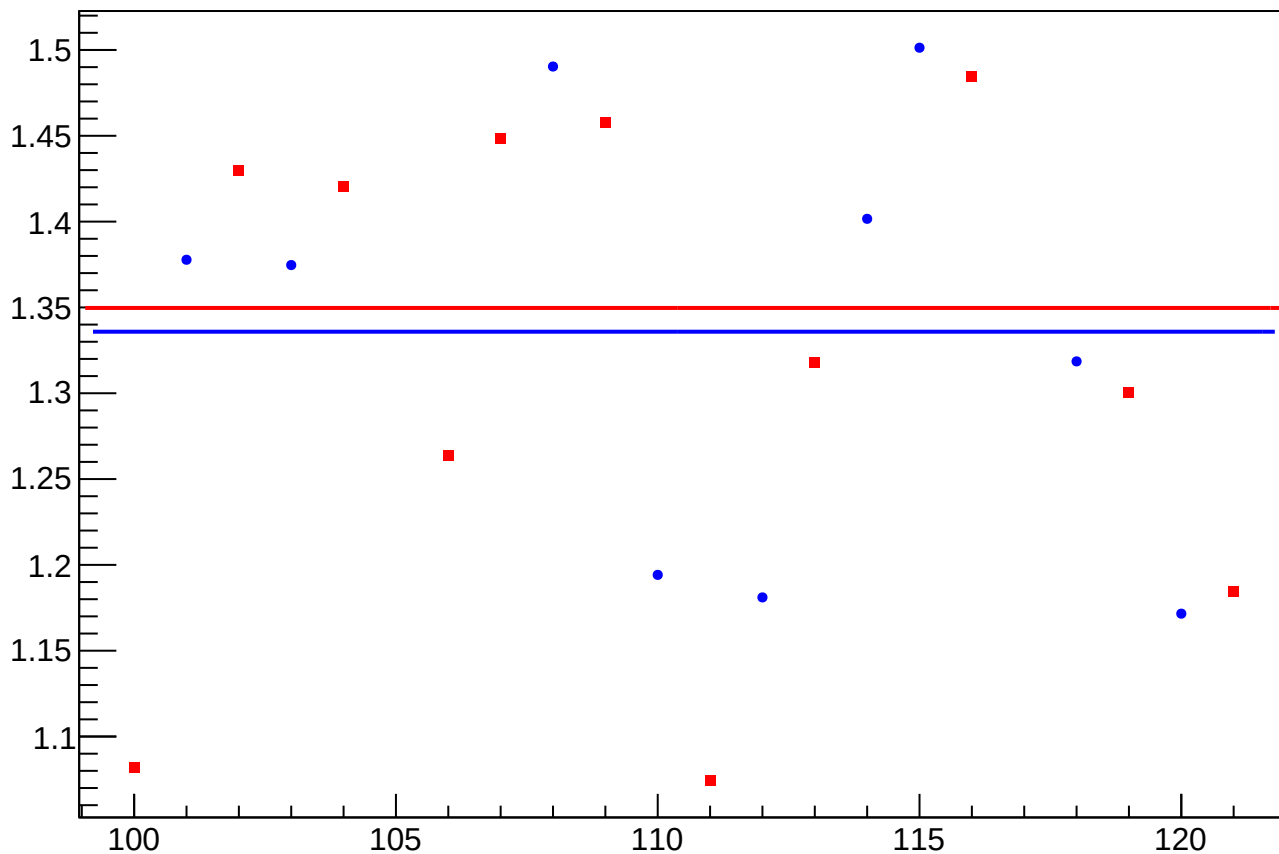
Right: 0.010+/-0.000 χ^2/NDF : 191358.7/19

In: 0.011+/-0.000 χ^2/NDF :55535.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 191358.7/19

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000 χ^2/NDF : 763022481.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.350+/-0.000 χ^2/NDF : 1309944580.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

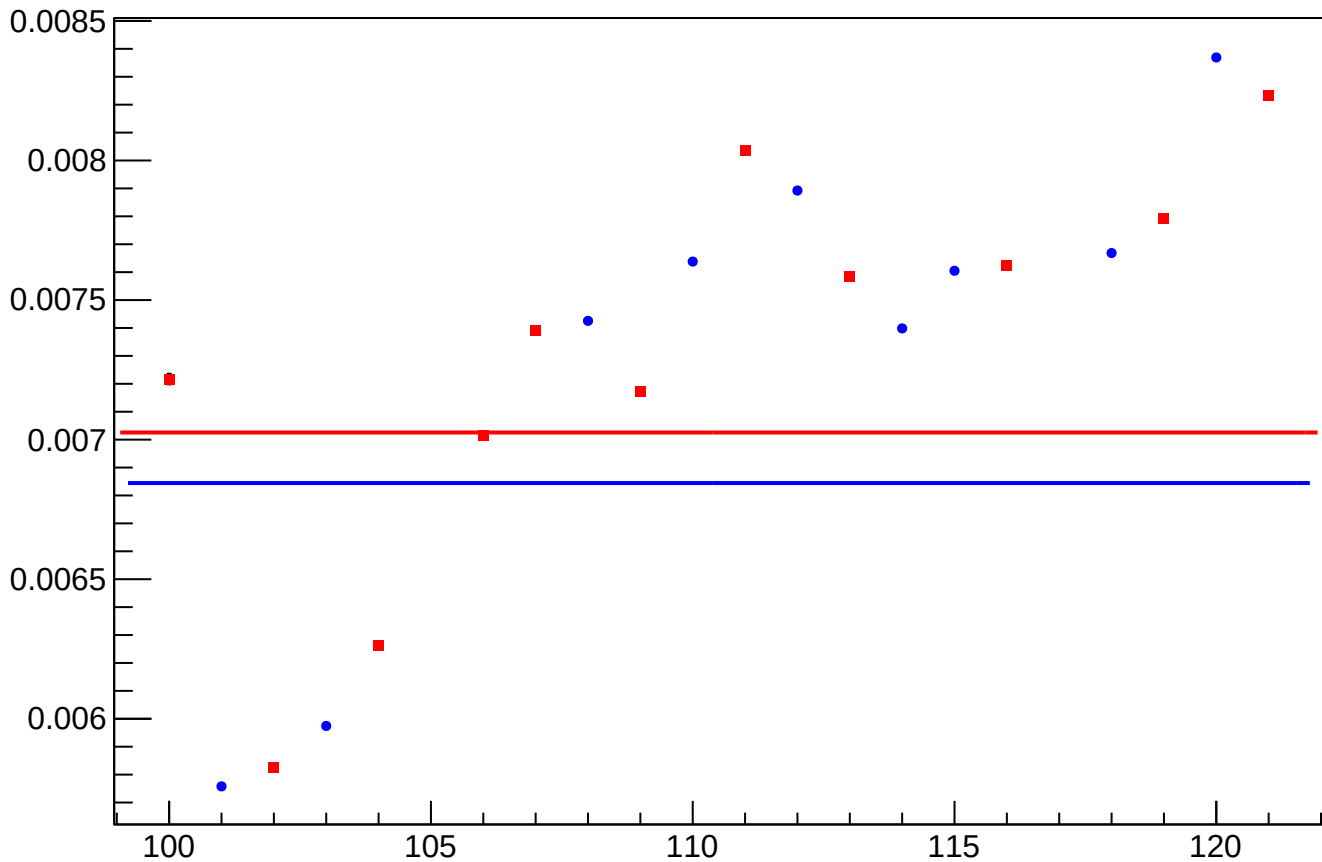
Right: 1.343+/-0.000 χ^2/NDF : 2080914263.4/19

In: 1.336+/-0.000 χ^2/NDF : 763022481.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.343+/-0.000 χ^2/NDF : 2080914263.4/19

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 141465.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 124170.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

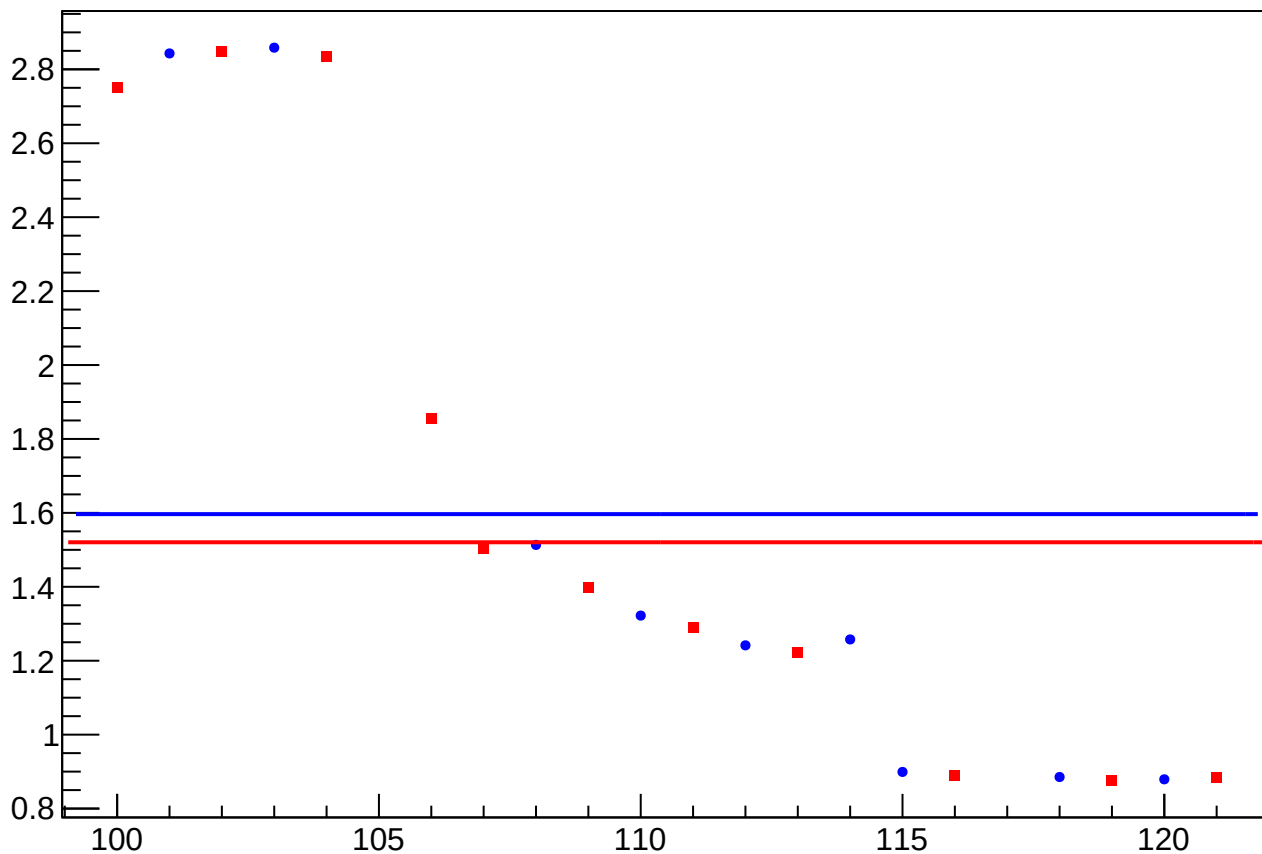
Right: 0.007+/-0.000 χ^2/NDF : 268356.1/19

In: 0.007+/-0.000 χ^2/NDF : 141465.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 268356.1/19

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.597+/-0.000 χ^2/NDF : 44025780972.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.520+/-0.000 χ^2/NDF : 44648389977.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

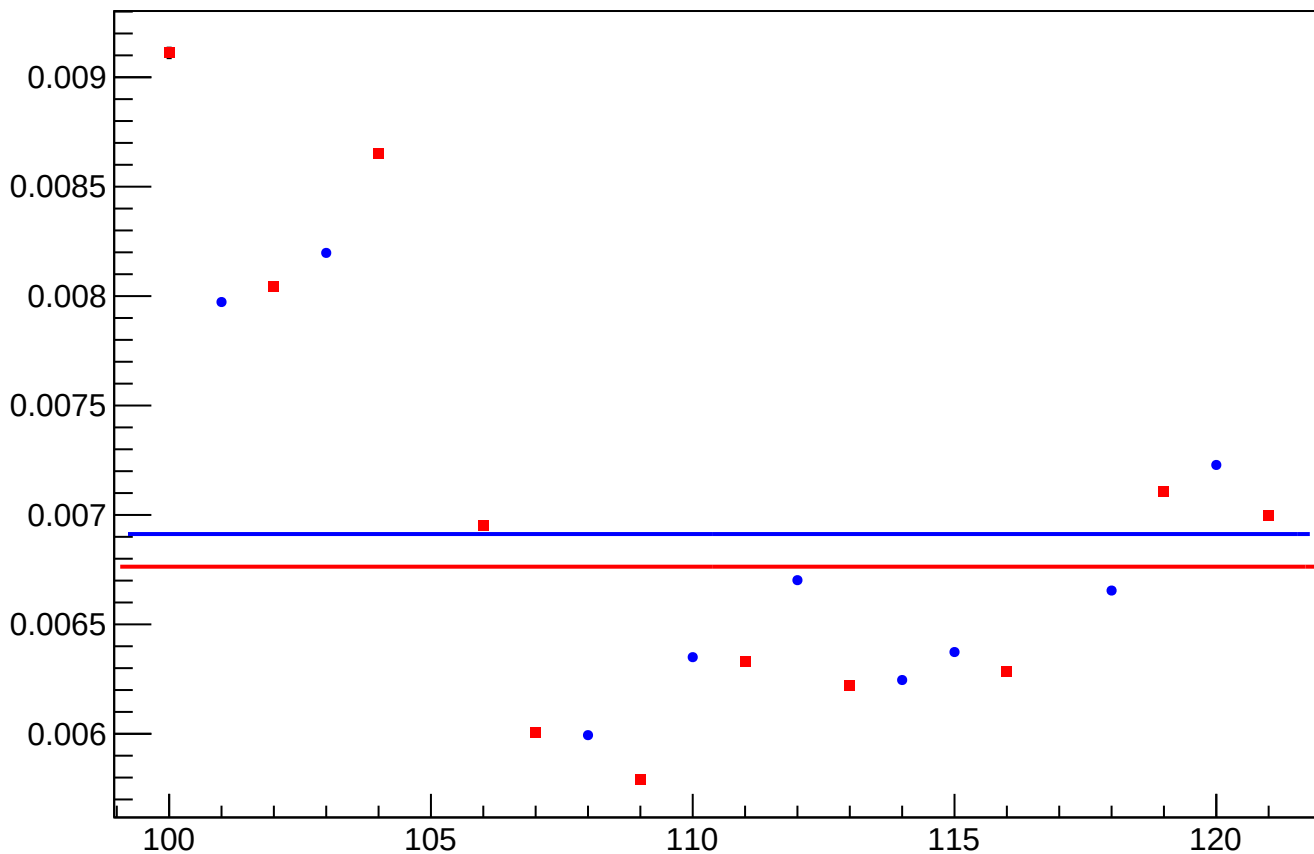
Right: 1.554+/-0.000 χ^2/NDF : 88921056392.0/19

In: 1.597+/-0.000 χ^2/NDF : 44025780972.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.554+/-0.000 χ^2/NDF : 88921056392.0/19

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 85618.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 148204.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

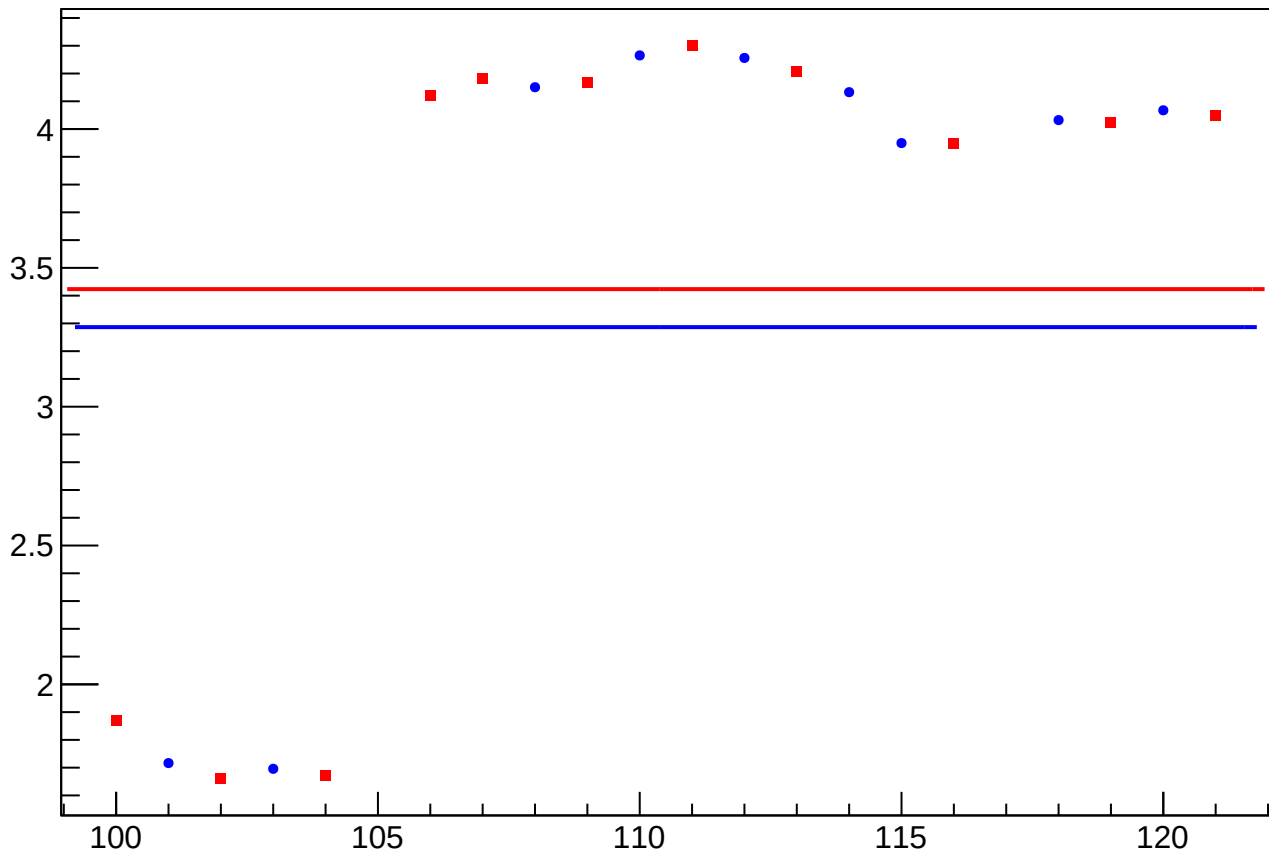
Right: 0.007+/-0.000 χ^2/NDF : 235716.4/19

In: 0.007+/-0.000 χ^2/NDF :85618.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 235716.4/19

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.287+/-0.000 χ^2/NDF : 174607230113.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.423+/-0.000 χ^2/NDF : 193301376928.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

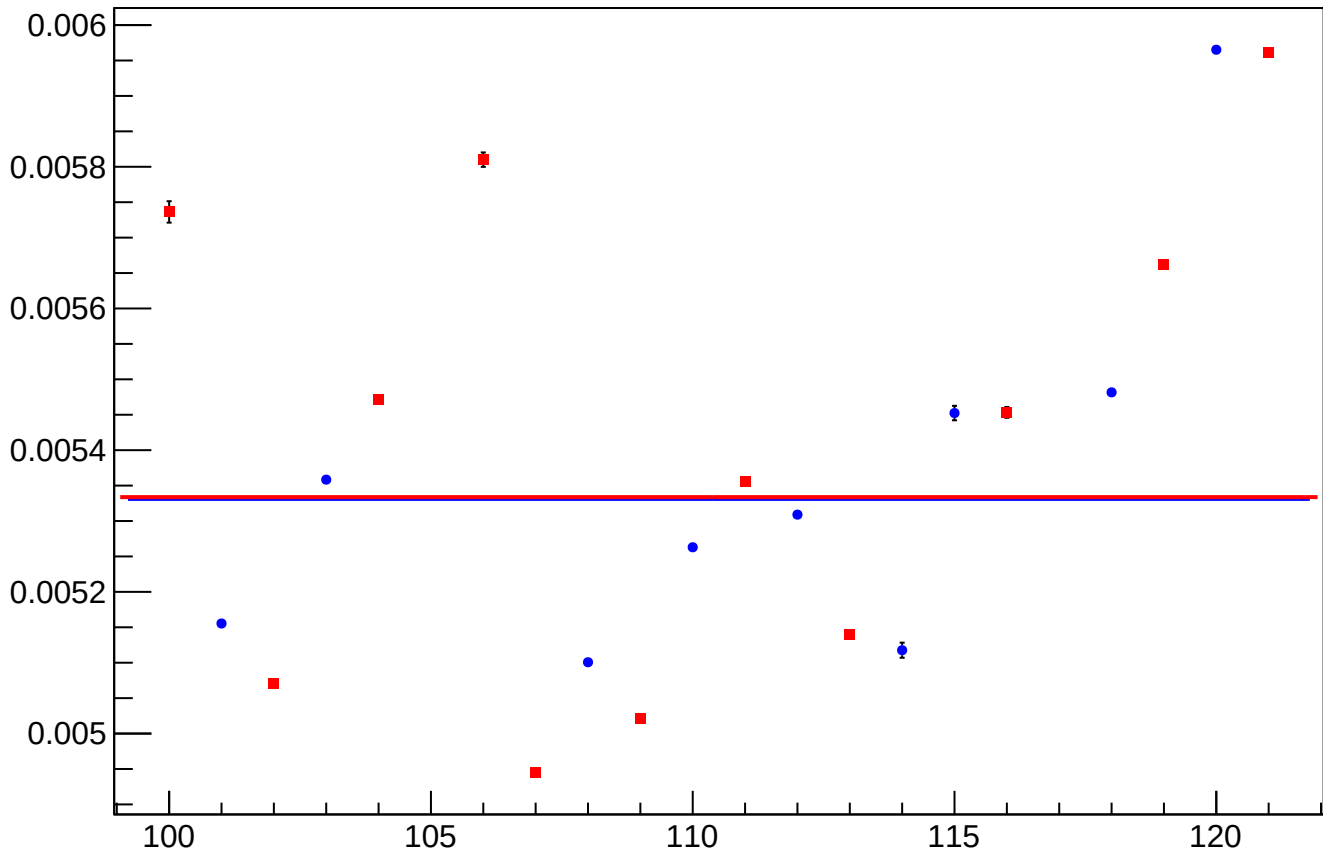
Right: 3.361+/-0.000 χ^2/NDF : 369219477556.7/19

In: 3.287+/-0.000 χ^2/NDF : 174607230113.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.361+/-0.000 χ^2/NDF : 369219477556.7

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 12540.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 29537.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

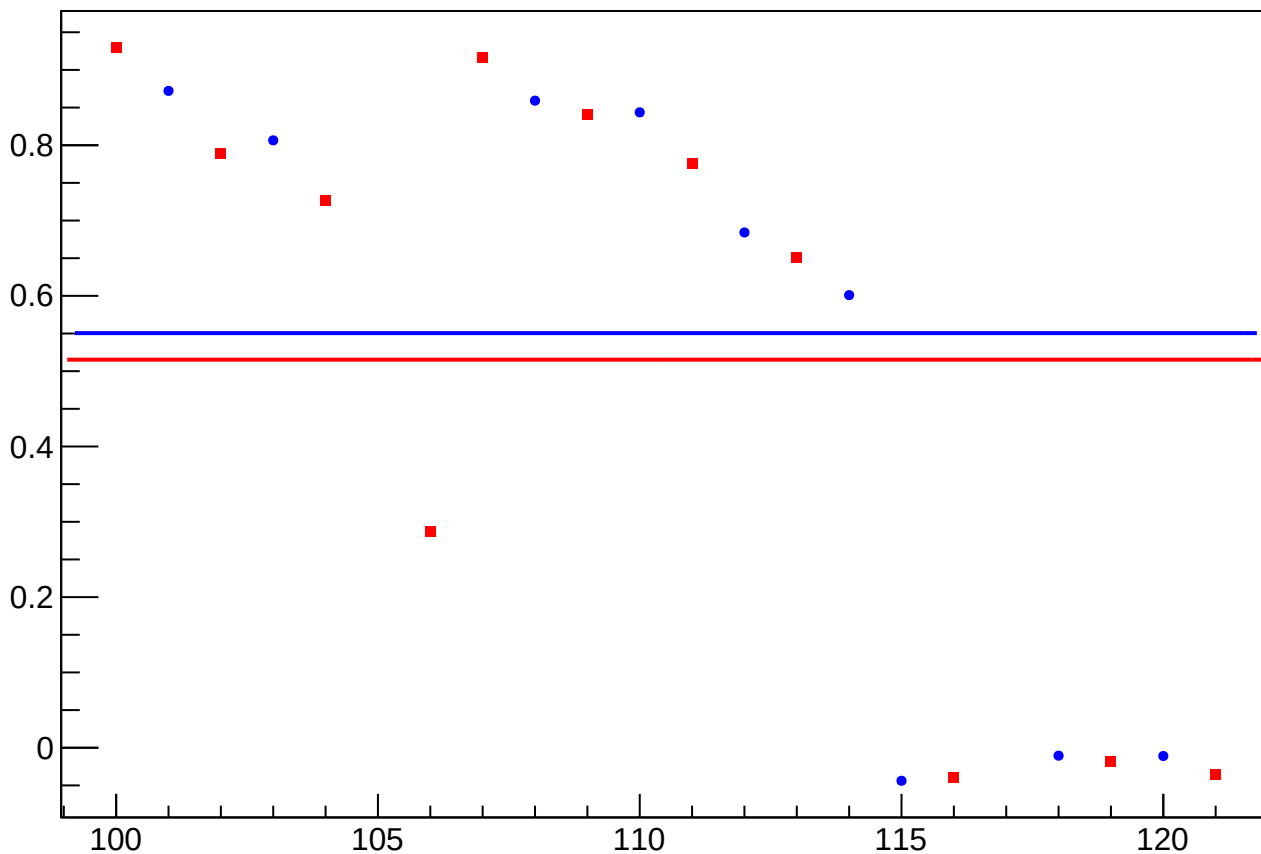
Right: 0.005+/-0.000 χ^2/NDF : 42079.0/19

In: 0.005+/-0.000 χ^2/NDF : 12540.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 42079.0/19

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.551+/-0.000

χ^2/NDF : 2613647360.0/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.515+/-0.000

χ^2/NDF : 3076137219.8/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.531+/-0.000

χ^2/NDF : 5701809682.6/19

In: 0.551+/-0.000

χ^2/NDF : 2613647360.0/8

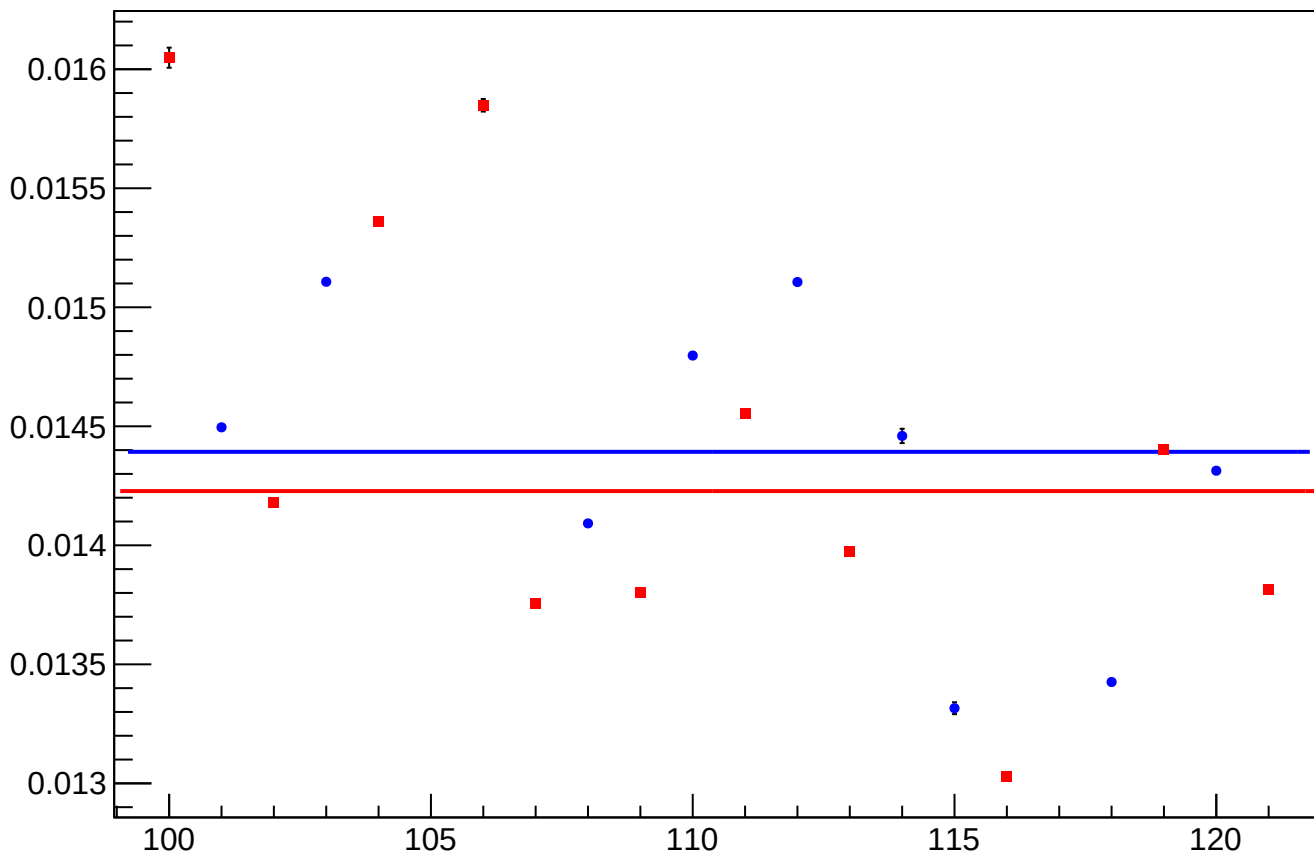
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.531+/-0.000

χ^2/NDF : 5701809682.6/19

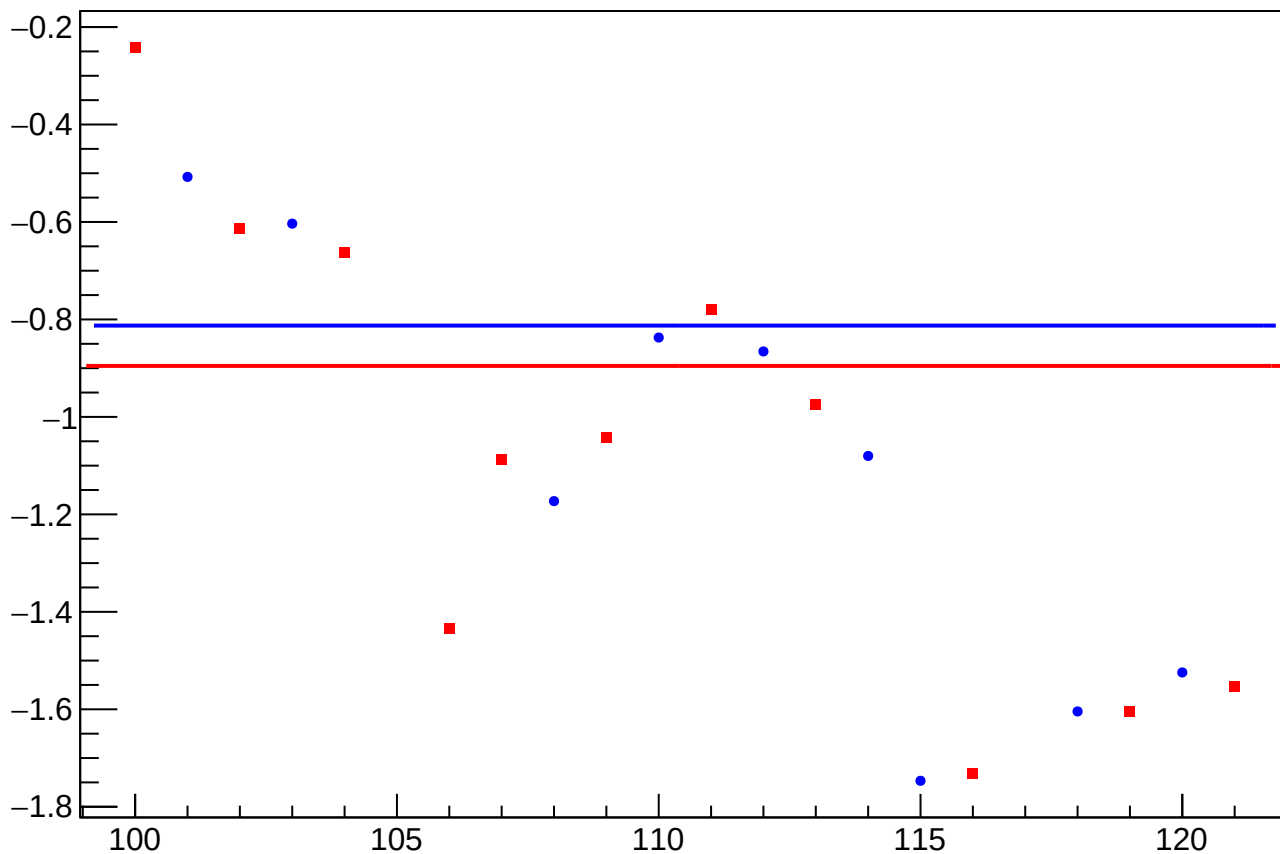
yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 13240.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.014+/-0.000 χ^2/NDF : 18956.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.014+/-0.000 χ^2/NDF : 32723.9/19
 In: 0.014+/-0.000 χ^2/NDF : 13240.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.014+/-0.000 χ^2/NDF : 32723.9/19

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.813+/-0.000 χ^2/NDF : 19541217125.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.895+/-0.000 χ^2/NDF : 21305514336.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

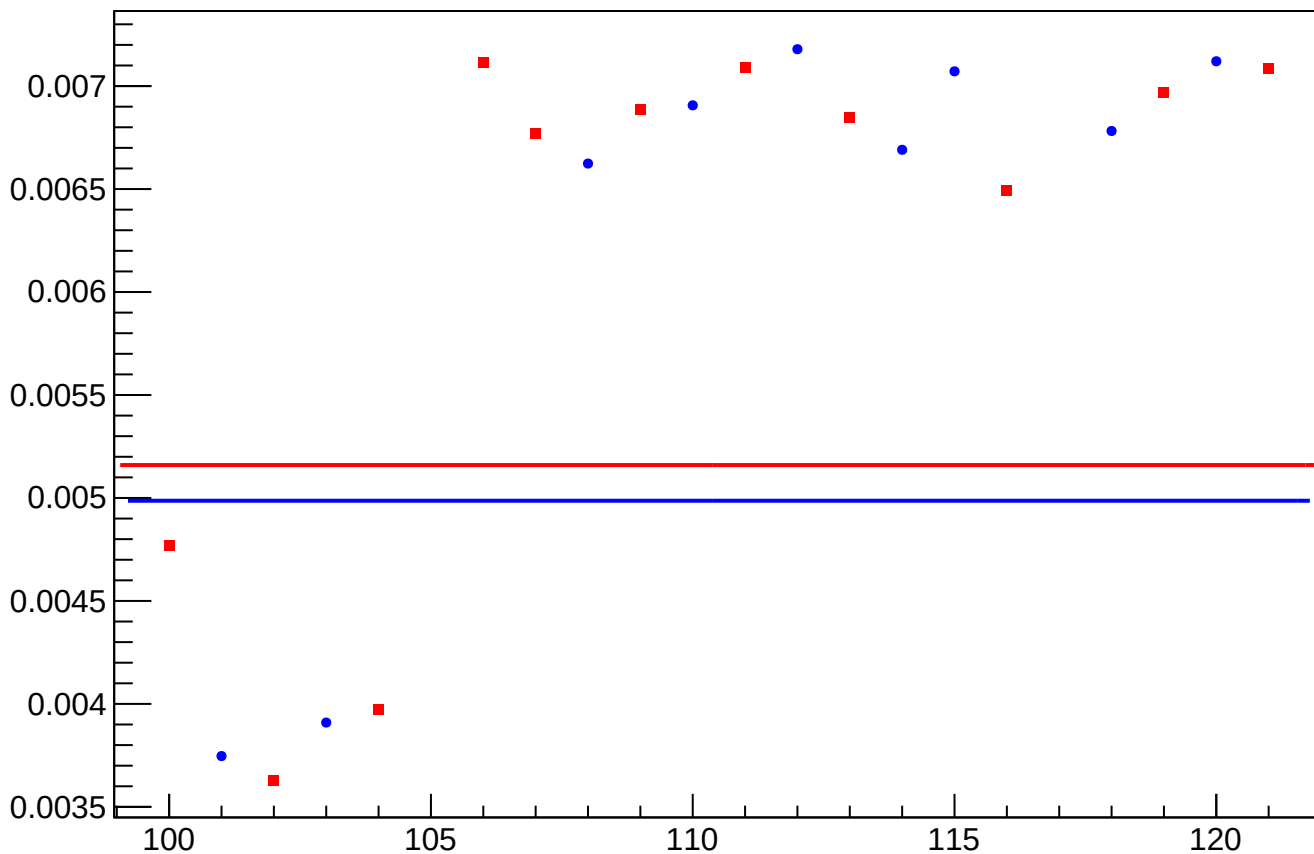
Right: -0.856+/-0.000 χ^2/NDF : 41303879904.9/19

In: -0.813+/-0.000 χ^2/NDF :19541217125.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.856+/-0.000 χ^2/NDF : 41303879904.9/19

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 568699.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 690646.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

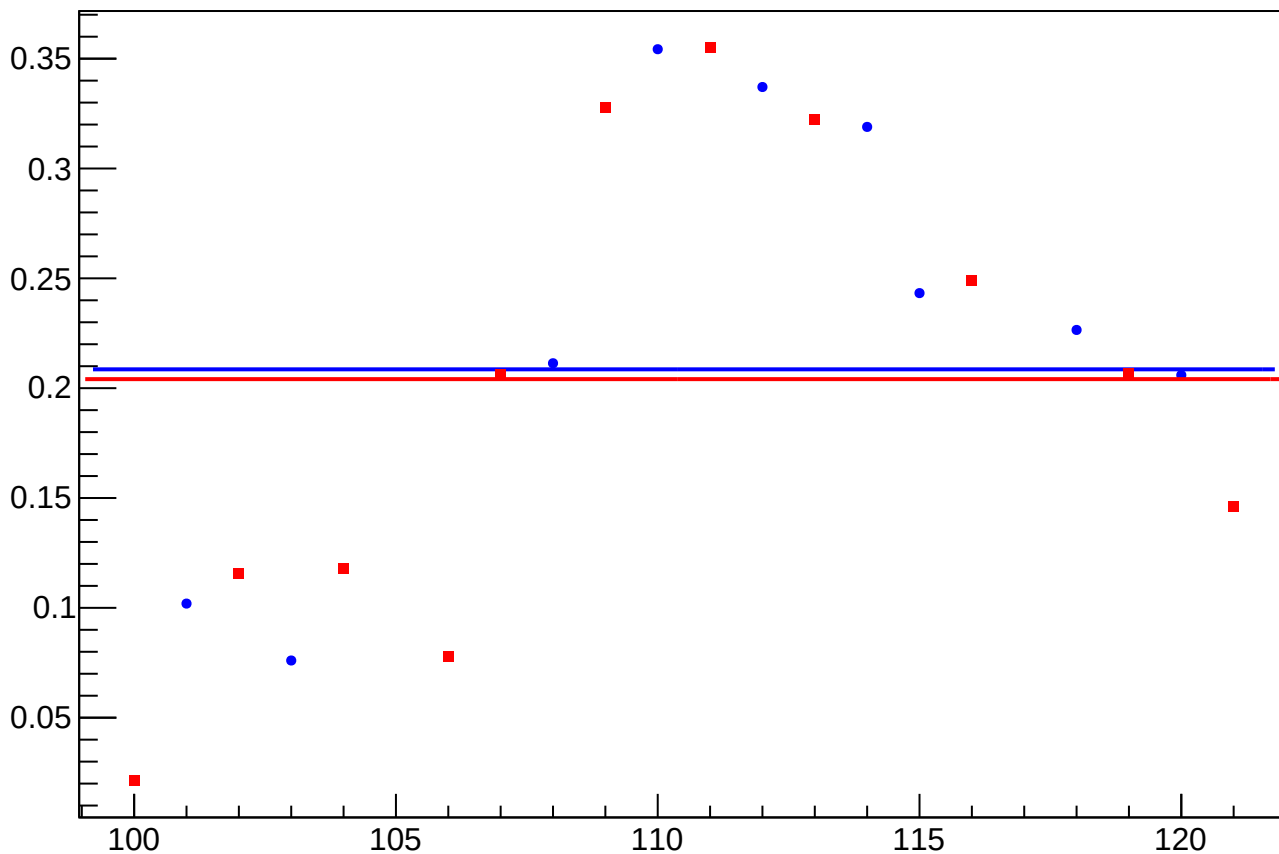
Right: 0.005+/-0.000 χ^2/NDF : 1263357.4/19

In: 0.005+/-0.000 χ^2/NDF : 568699.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1263357.4/19

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.209+/-0.000 χ^2/NDF : 14075571638.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.204+/-0.000 χ^2/NDF : 19935838990.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

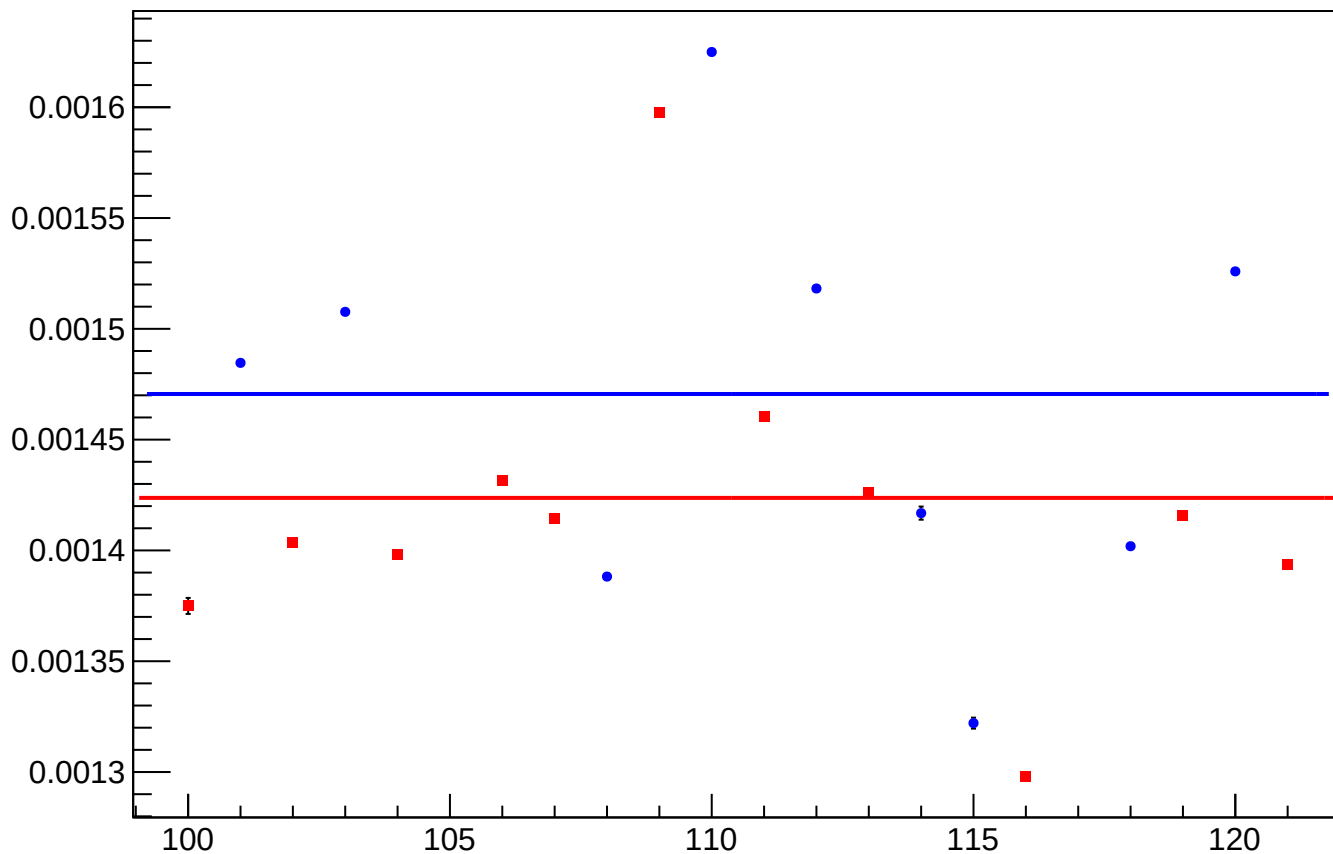
Right: 0.206+/-0.000 χ^2/NDF : 34029642215.3/19

In: 0.209+/-0.000 χ^2/NDF : 14075571638.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.206+/-0.000 χ^2/NDF : 34029642215.3/19

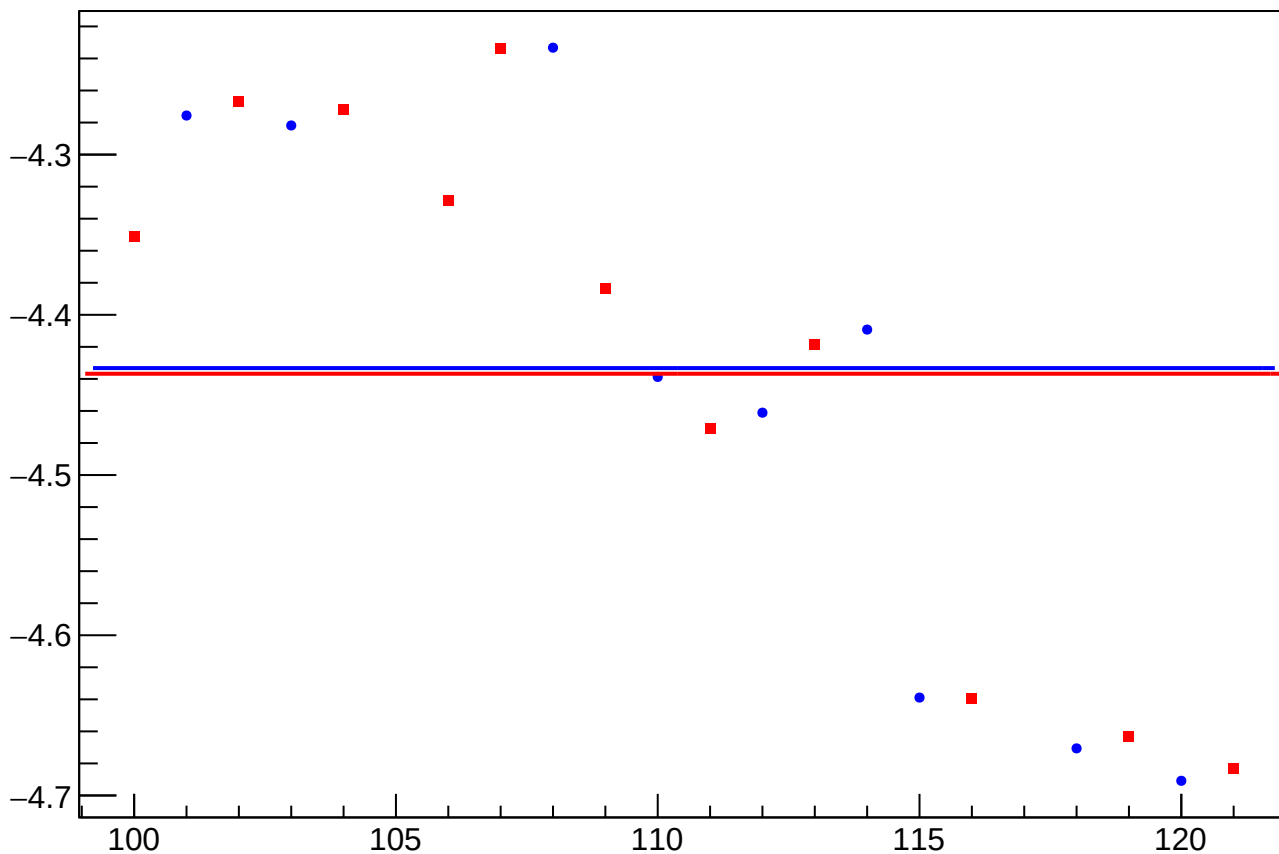
yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 18031.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 18799.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 40851.4/19
 In: 0.001+/-0.000 χ^2/NDF : 18031.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 40851.4/19

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.433+/-0.000 χ^2/NDF : 37791309525.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.437+/-0.000 χ^2/NDF : 37659050103.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

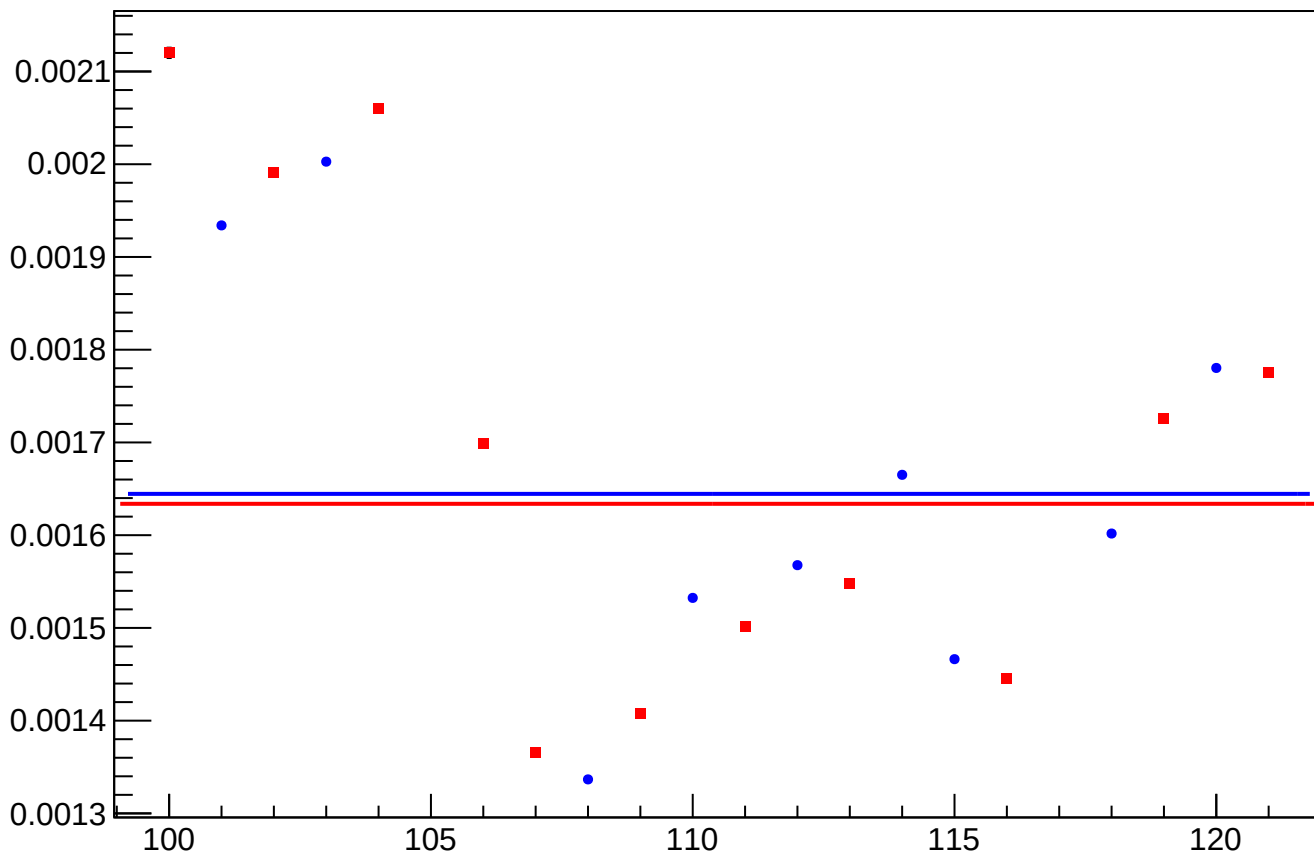
Right: -4.435+/-0.000 χ^2/NDF : 75459350621.1/19

In: -4.433+/-0.000 χ^2/NDF :37791309525.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.435+/-0.000 χ^2/NDF : 75459350621.1/19

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 123902.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 166175.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

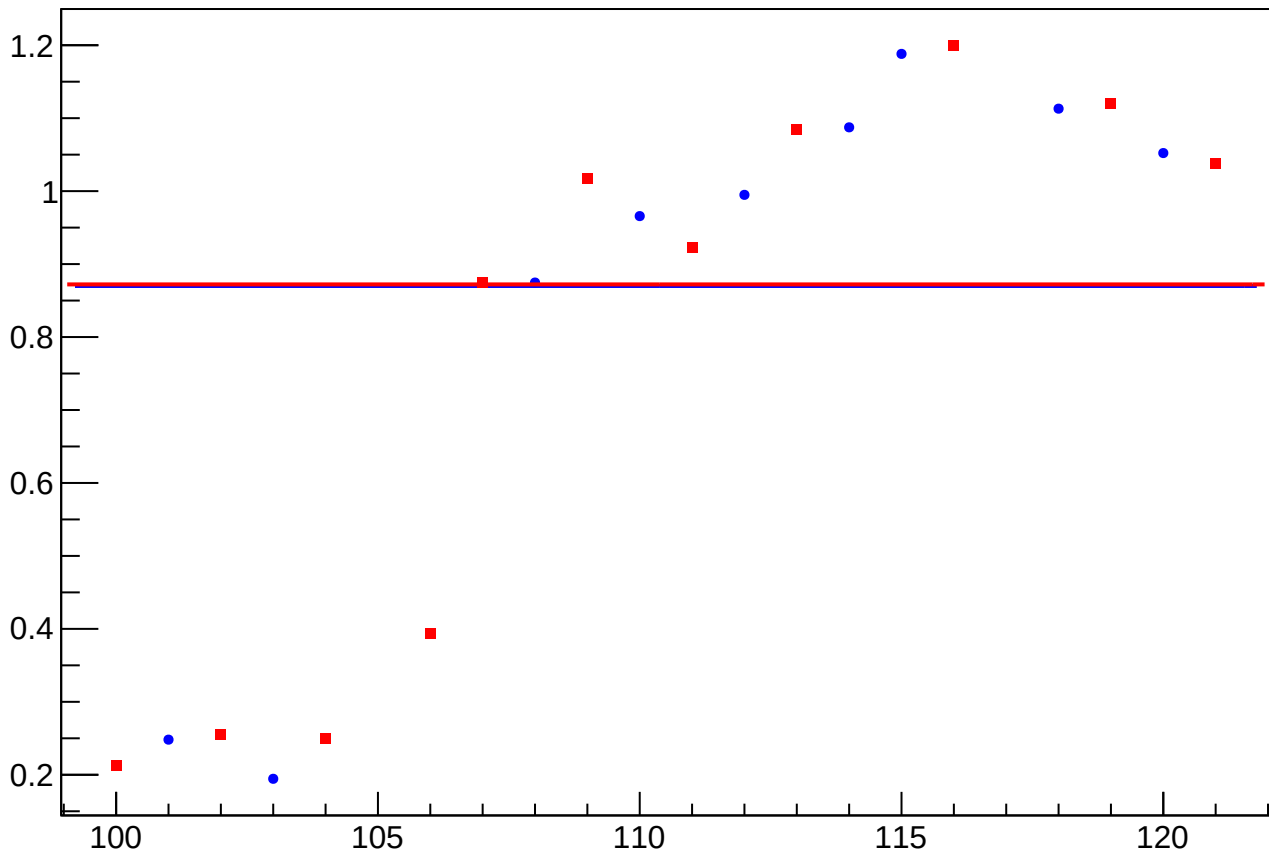
Right: 0.002+/-0.000 χ^2/NDF : 290242.4/19

In: 0.002+/-0.000 χ^2/NDF : 123902.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 290242.4/19

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.870+/-0.000 χ^2/NDF : 9070823861.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.872+/-0.000 χ^2/NDF : 12205527556.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

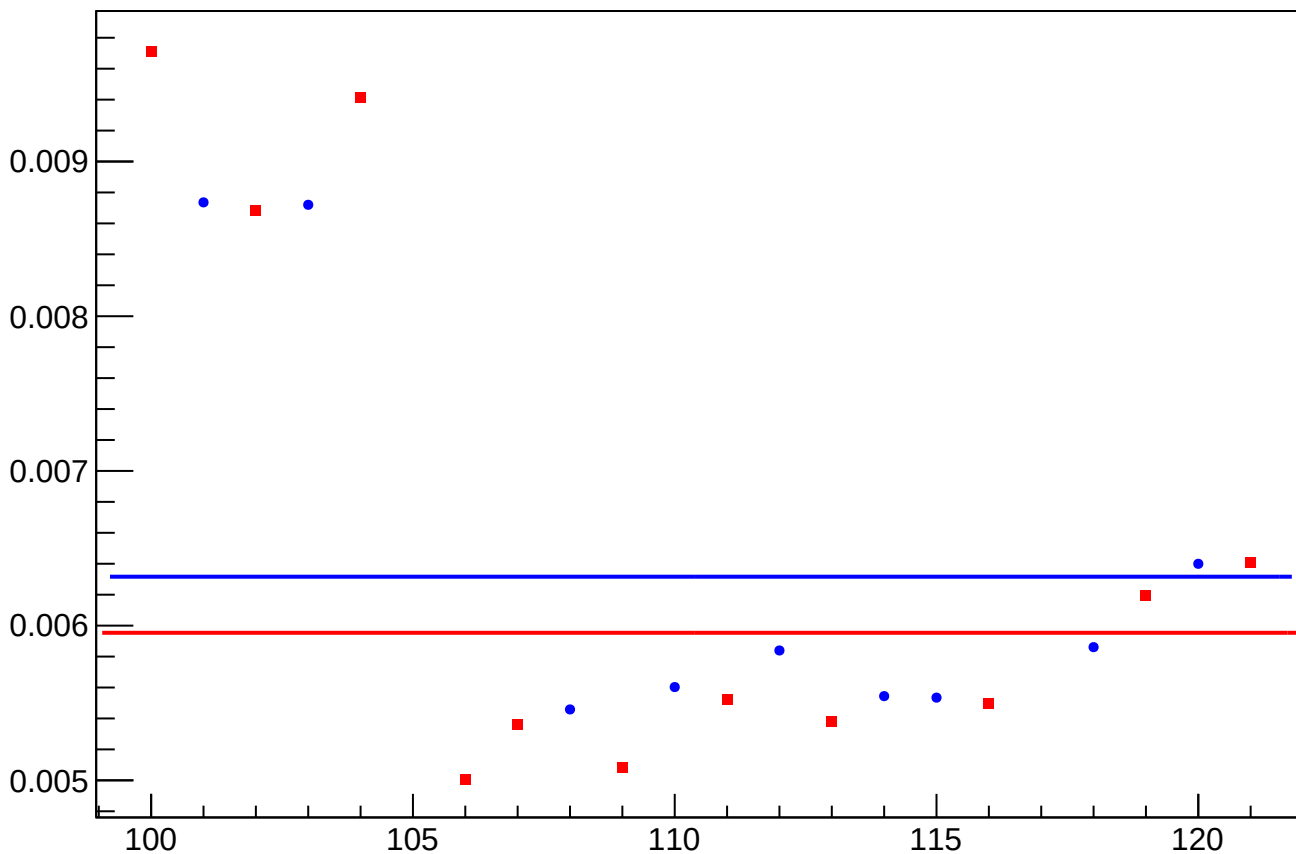
Right: 0.871+/-0.000 χ^2/NDF : 21276585846.3/19

In: 0.870+/-0.000 χ^2/NDF : 9070823861.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.871+/-0.000 χ^2/NDF : 21276585846.3/19

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 245716.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 376860.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

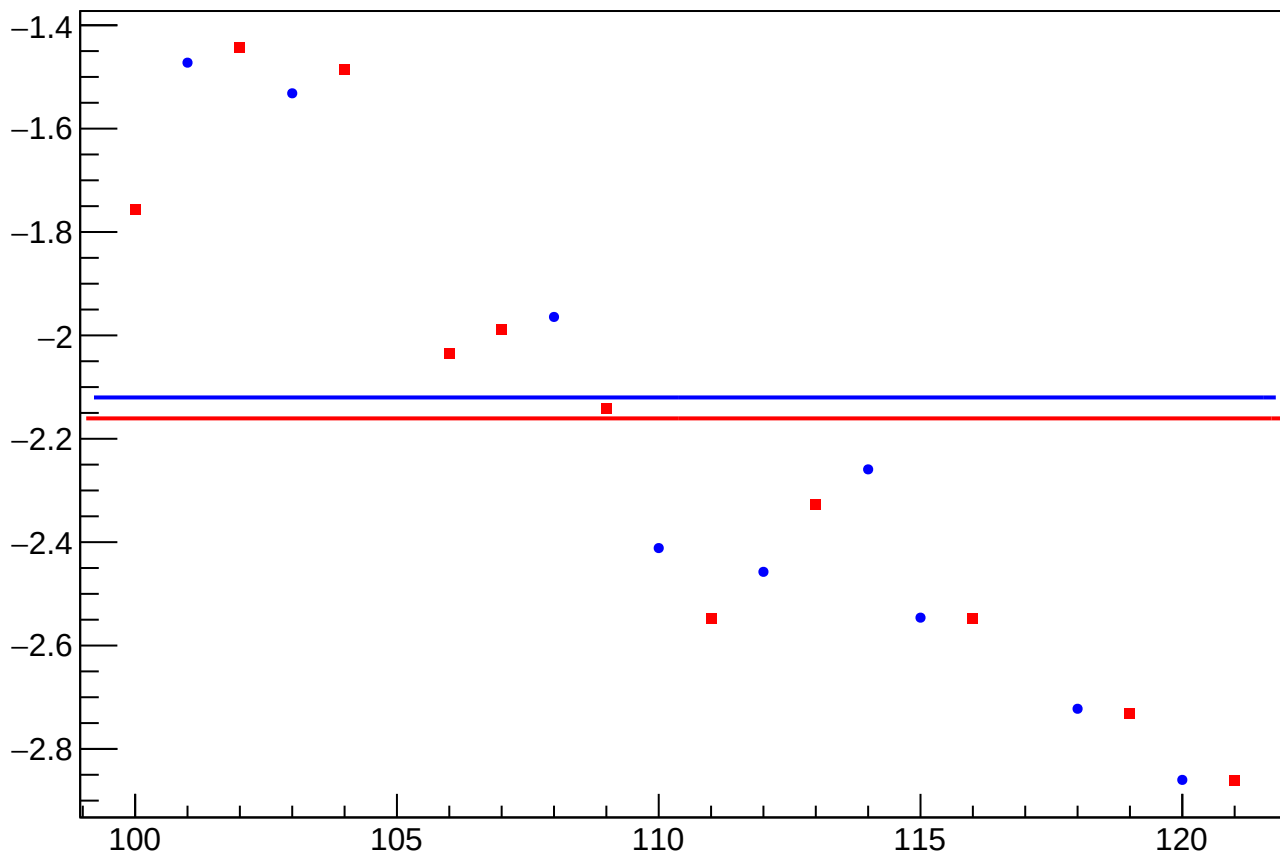
Right: 0.006+/-0.000 χ^2/NDF : 636091.5/19

In: 0.006+/-0.000 χ^2/NDF :245716.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 636091.5/19

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.120+/-0.000 χ^2/NDF : 29709466984.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.161+/-0.000 χ^2/NDF : 32323997403.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

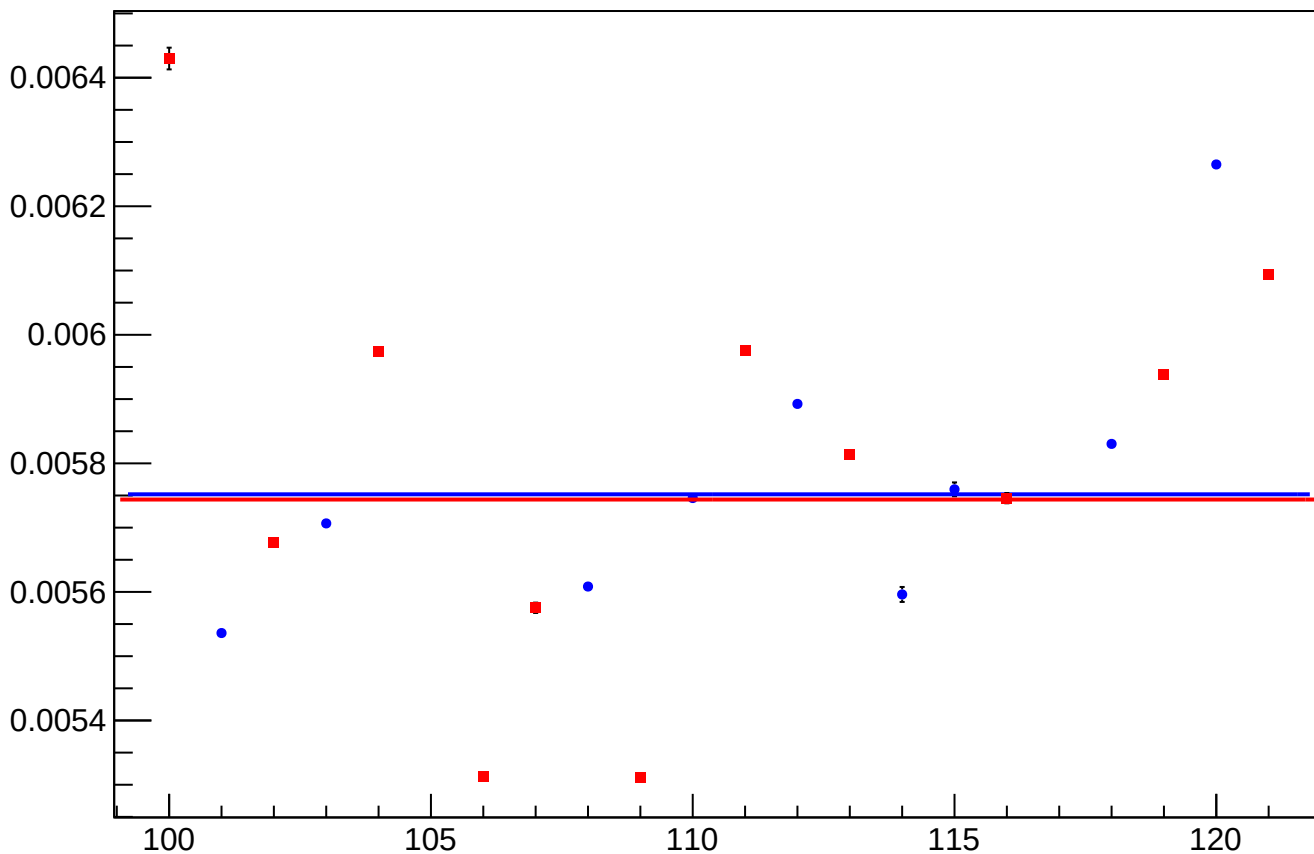
Right: -2.142+/-0.000 χ^2/NDF : 62134098840.7/19

In: -2.120+/-0.000 χ^2/NDF : 29709466984.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.142+/-0.000 χ^2/NDF : 62134098840.7/19

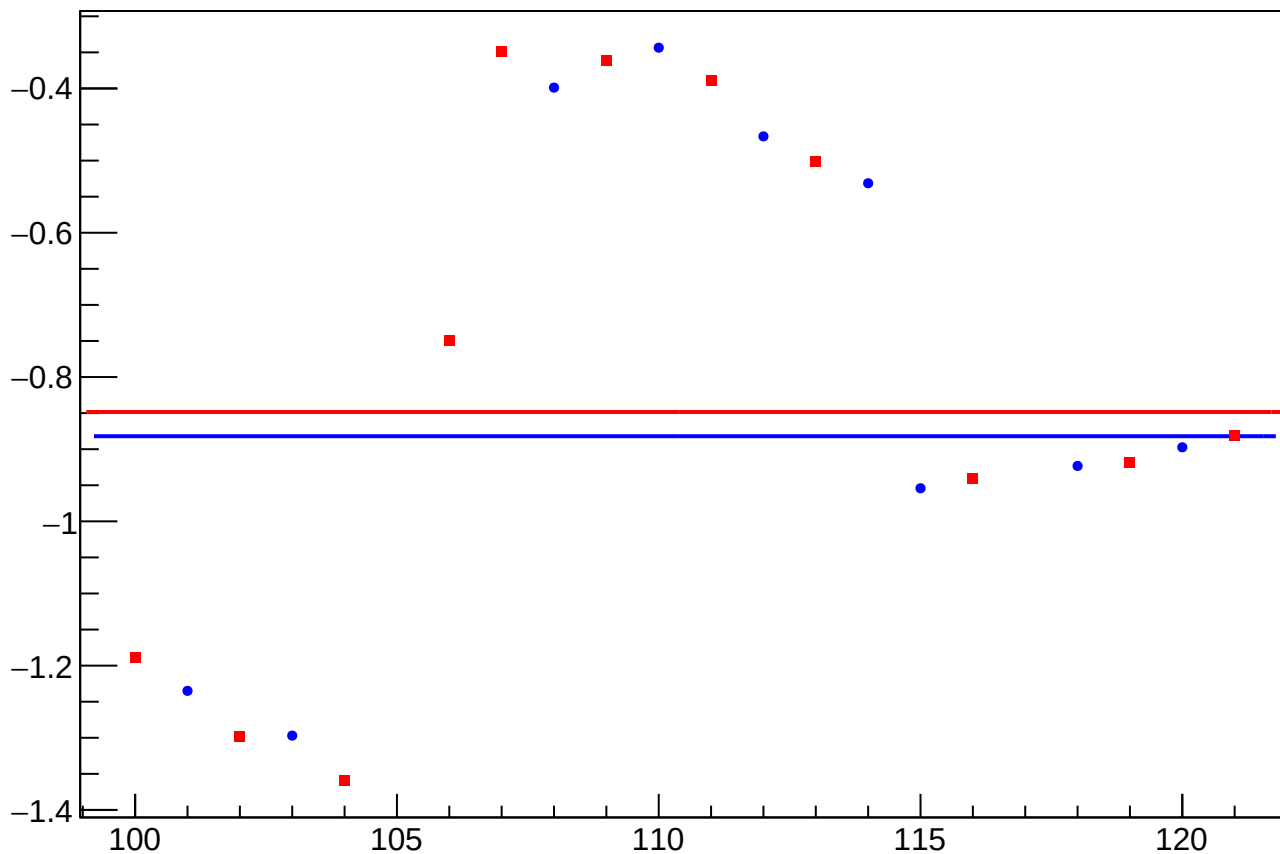
yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8199.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 20811.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.000 χ^2/NDF : 29018.7/19
 In: 0.006+/-0.000 χ^2/NDF : 8199.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 29018.7/19

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.882+/-0.000 χ^2/NDF : 4094847541.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.848+/-0.000 χ^2/NDF : 5644816497.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

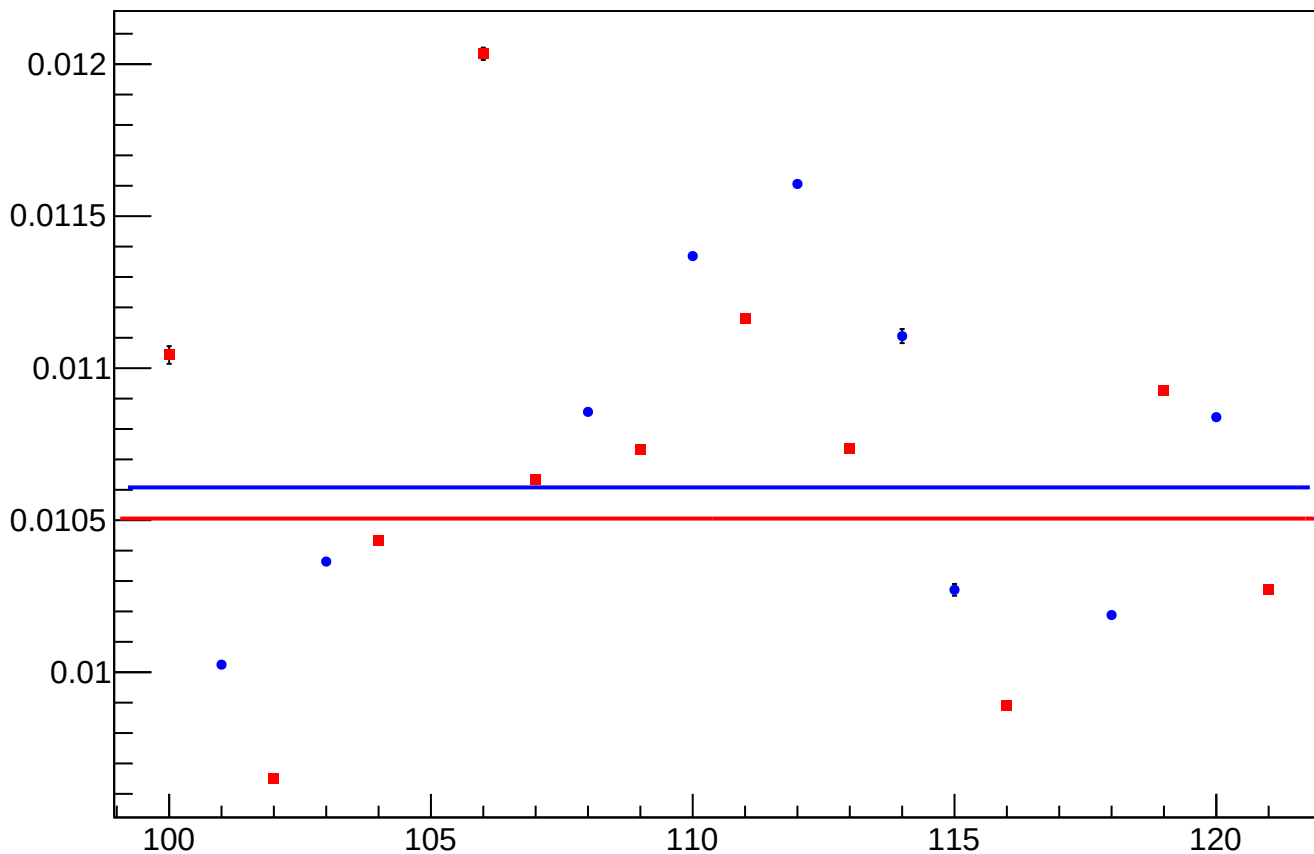
Right: -0.863+/-0.000 χ^2/NDF : 9759581536.0/19

In: -0.882+/-0.000 χ^2/NDF :4094847541.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.863+/-0.000 χ^2/NDF : 9759581536.0/19

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 18852.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 24539.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

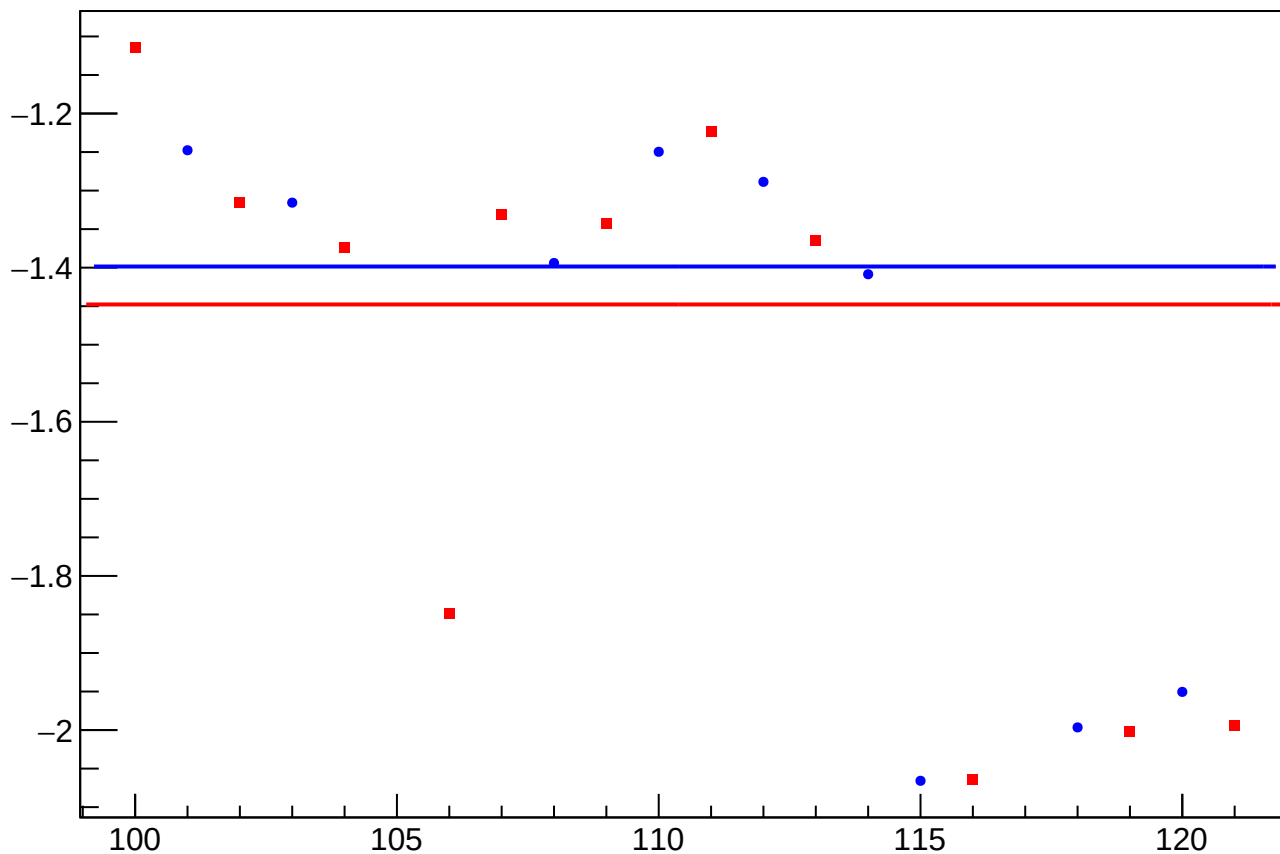
Right: 0.011+/-0.000 χ^2/NDF : 43763.6/19

In: 0.011+/-0.000 χ^2/NDF : 18852.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 43763.6/19

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.399+/-0.000 χ^2/NDF : 40929267413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.448+/-0.000 χ^2/NDF : 53003180846.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

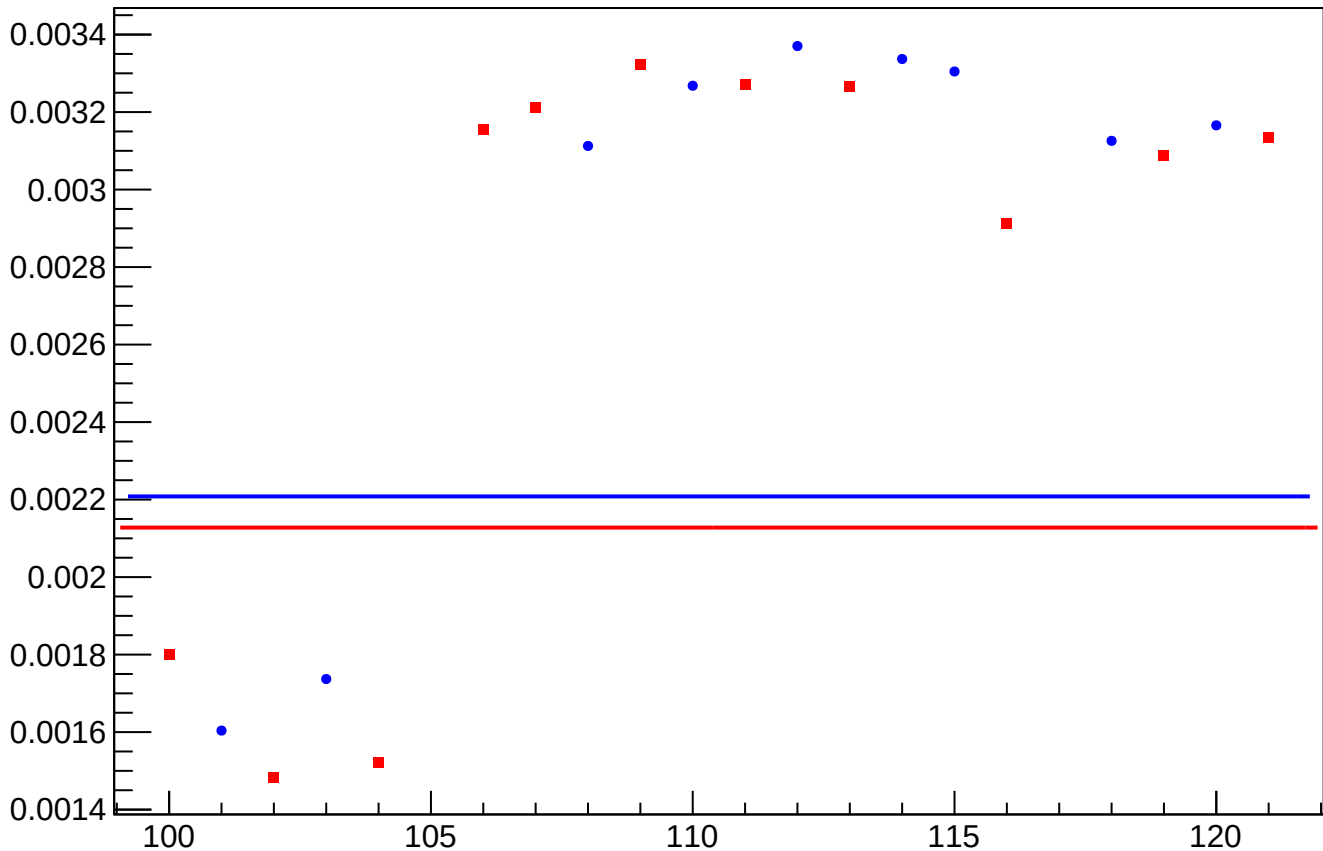
Right: -1.426+/-0.000 χ^2/NDF : 94753911336.8/19

In: -1.399+/-0.000 χ^2/NDF :40929267413.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.426+/-0.000 χ^2/NDF : 94753911336.8/19

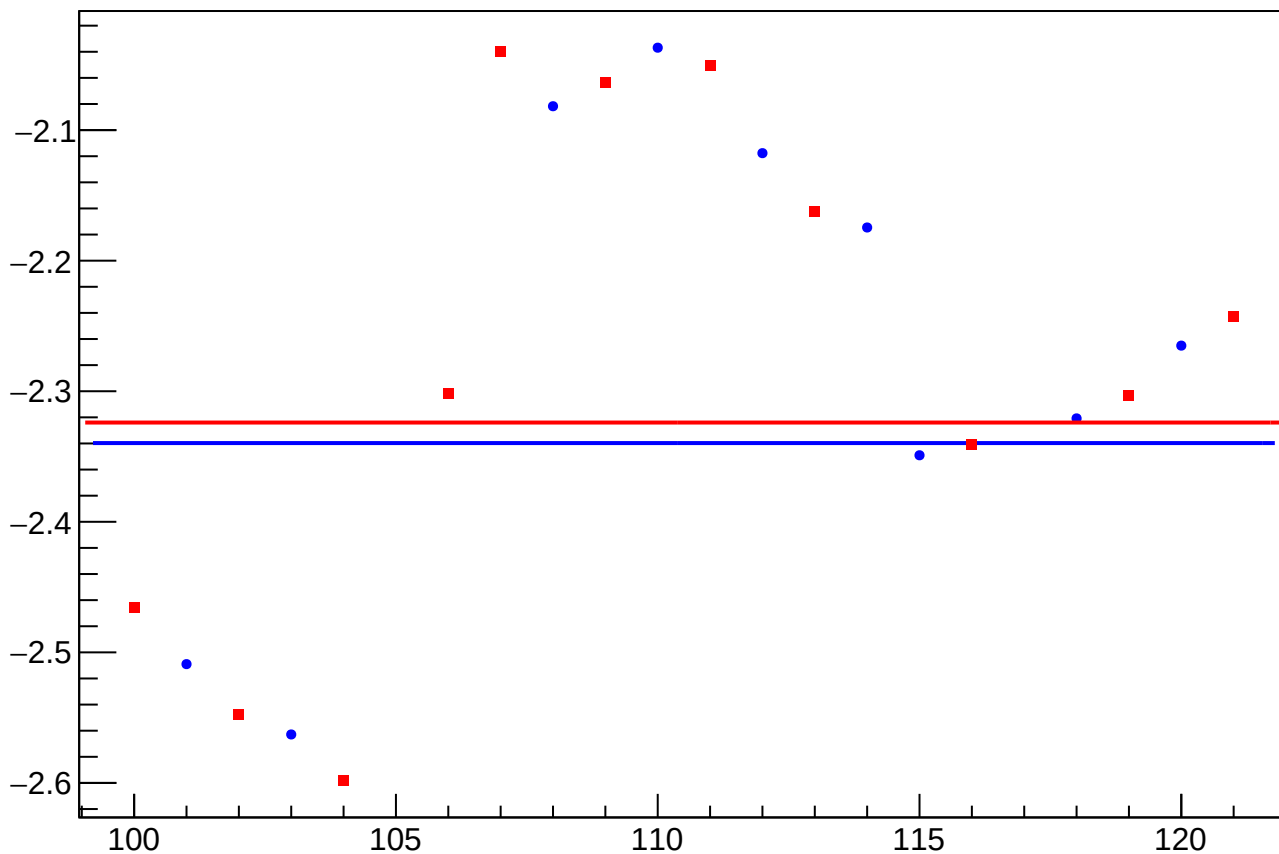
yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 675060.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 1003715.0/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 1683155.3/19
 In: 0.002+/-0.000 χ^2/NDF :675060.9/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 1683155.3/19

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.340+/-0.000 χ^2/NDF : 3190309285.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.324+/-0.000 χ^2/NDF : 4520537912.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

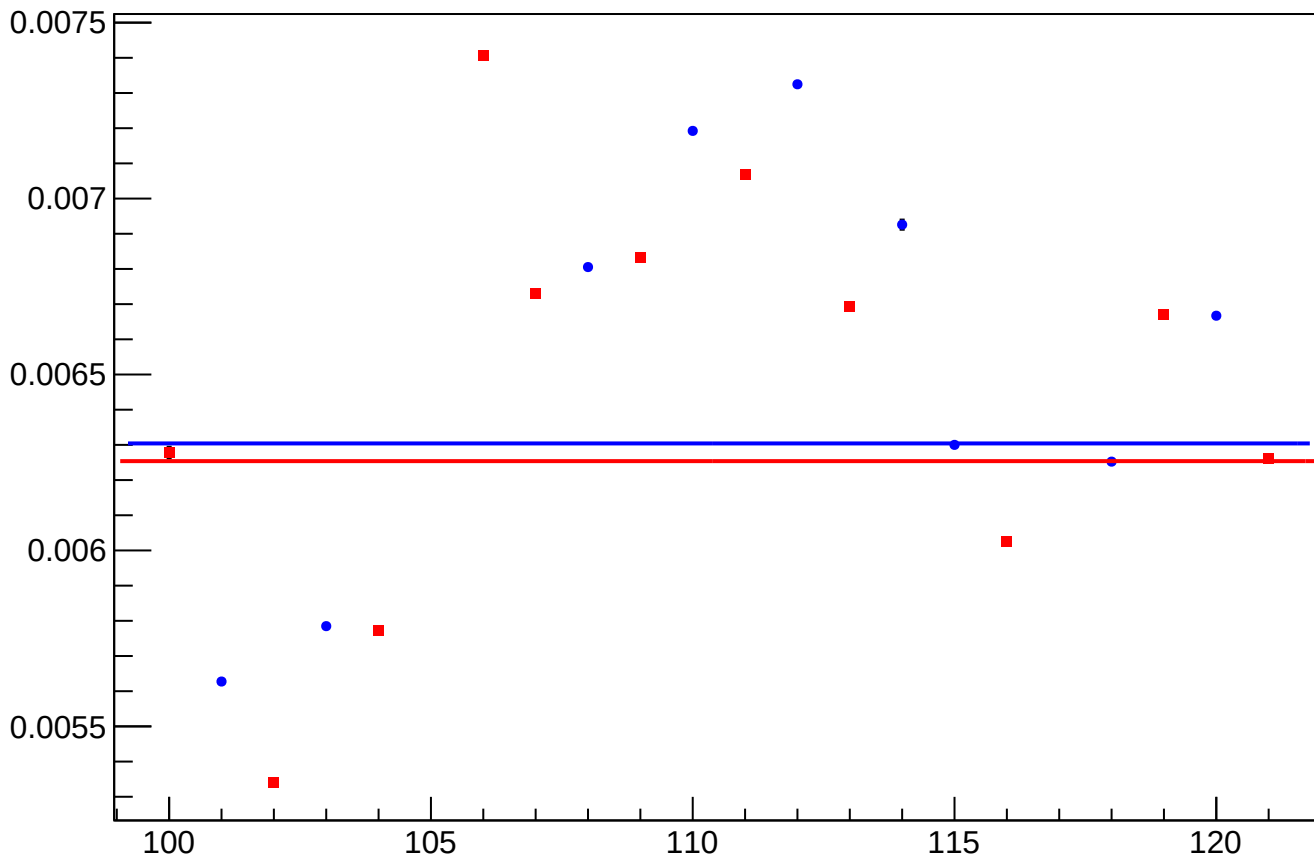
Right: -2.331+/-0.000 χ^2/NDF : 7722974357.2/19

In: -2.340+/-0.000 χ^2/NDF : 3190309285.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.331+/-0.000 χ^2/NDF : 7722974357.2/19

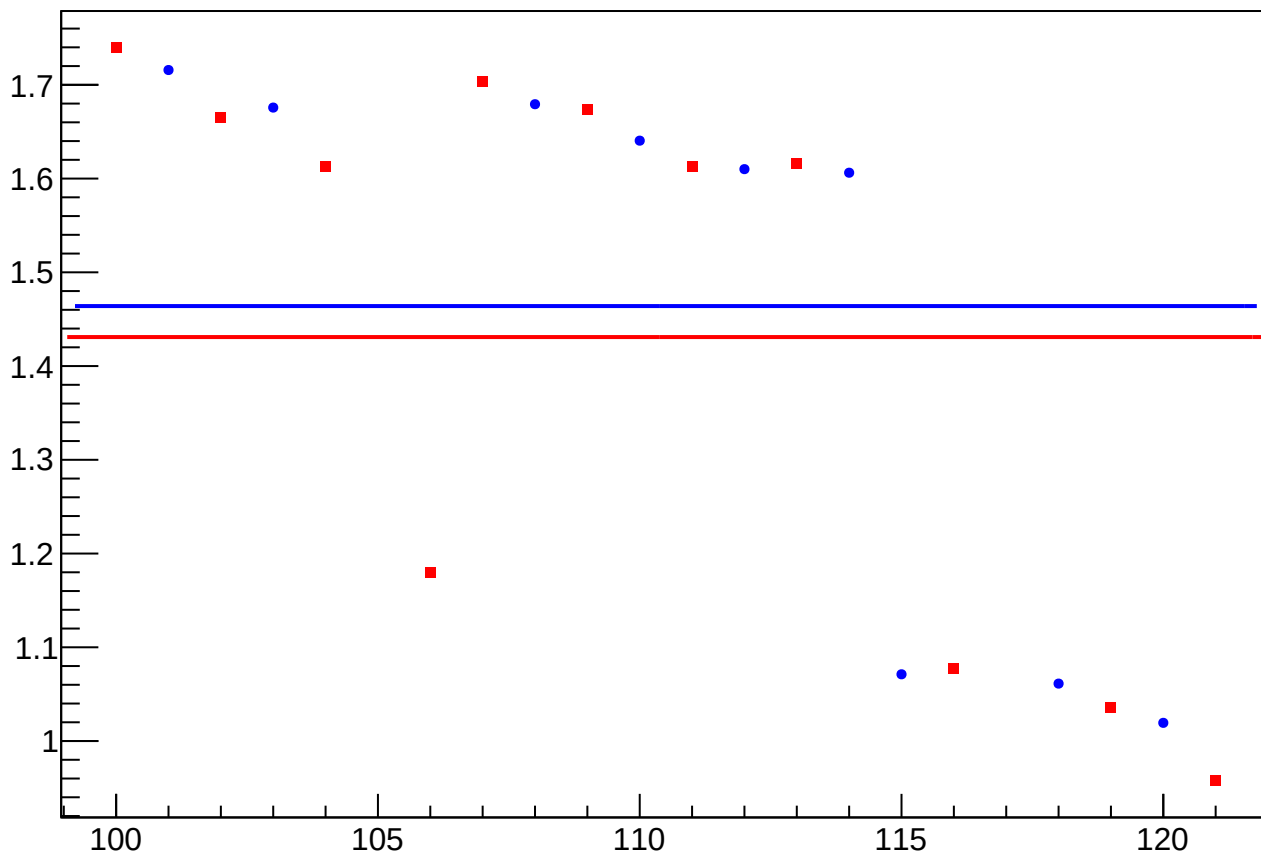
yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 65818.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 83995.1/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.000 χ^2/NDF : 150061.7/19
 In: 0.006+/-0.000 χ^2/NDF :65818.6/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 150061.7/19

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.464+/-0.000

χ^2/NDF : 65297572517.6/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.446+/-0.000

χ^2/NDF : 149201122553.0/19

Right Out: 1.431+/-0.000

χ^2/NDF : 83435640557.5/10

In: 1.464+/-0.000

χ^2/NDF : 65297572517.6/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

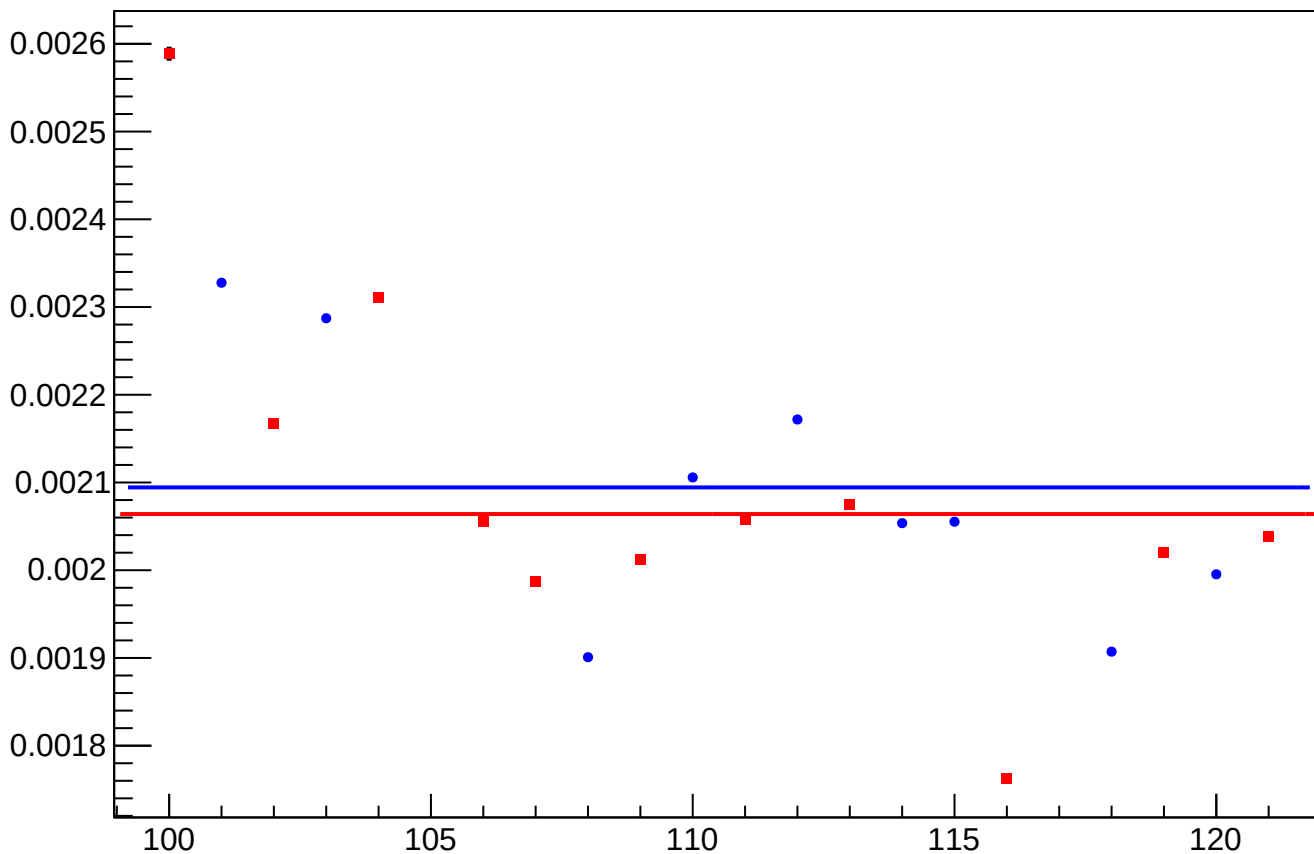
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.446+/-0.000

χ^2/NDF : 149201122553.0

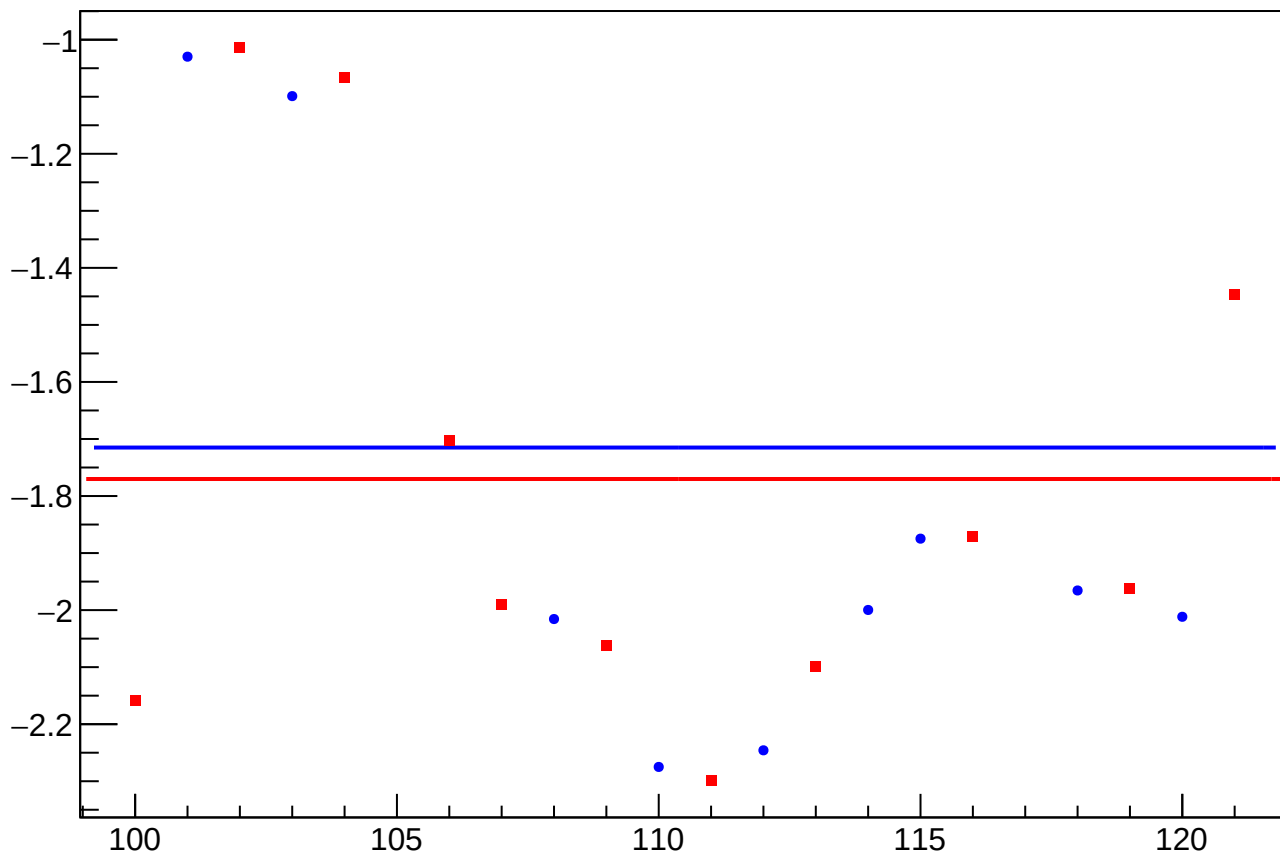
yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 40742.8/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.002+/-0.000 χ^2/NDF : 36721.8/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.002+/-0.000 χ^2/NDF : 78253.9/19
In: 0.002+/-0.000 χ^2/NDF : 40742.8/8
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.002+/-0.000 χ^2/NDF : 78253.9/19

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.715+/-0.000 χ^2/NDF : 16624086669.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.770+/-0.000 χ^2/NDF : 19987799751.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

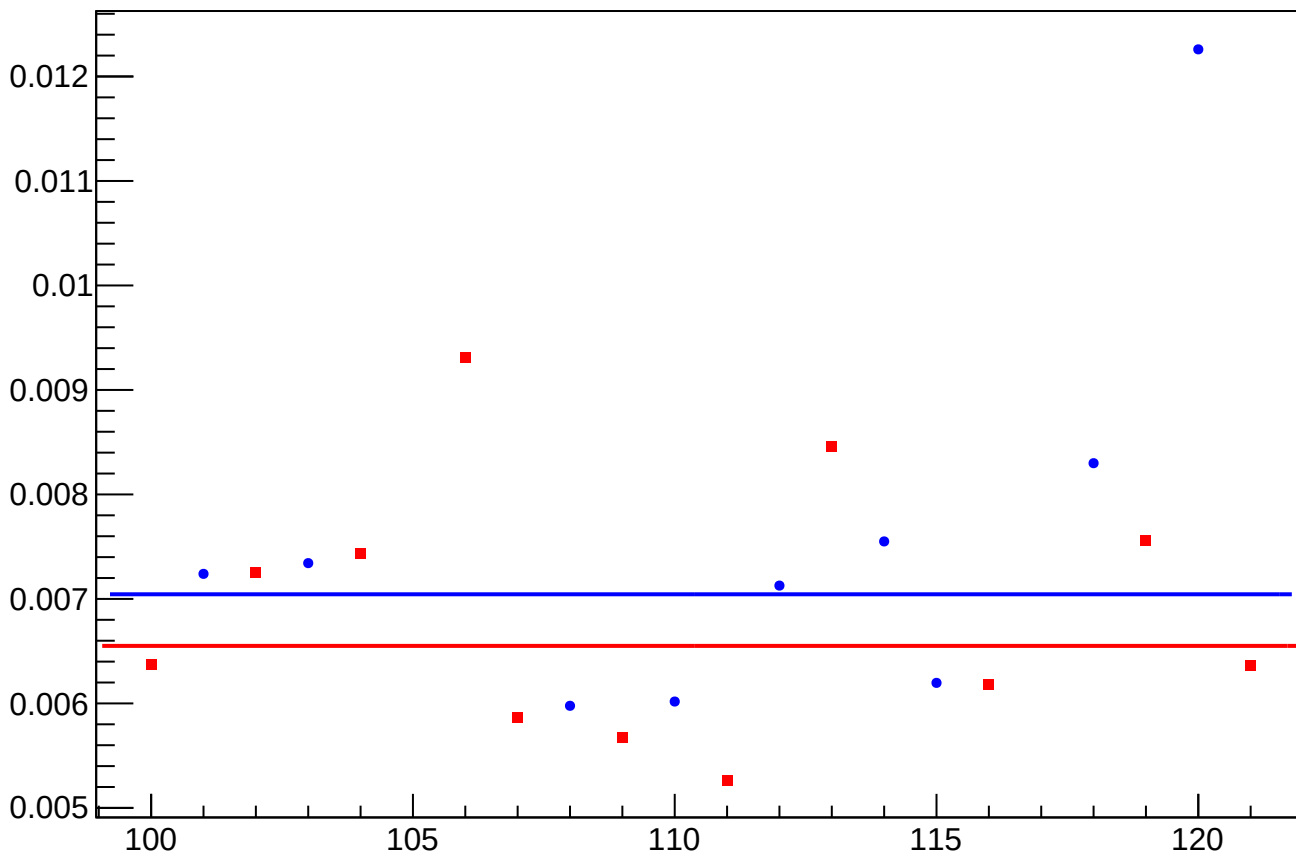
Right: -1.748+/-0.000 χ^2/NDF : 36727681255.1/19

In: -1.715+/-0.000 χ^2/NDF :16624086669.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.748+/-0.000 χ^2/NDF : 36727681255.1/19

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 174828.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 209548.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

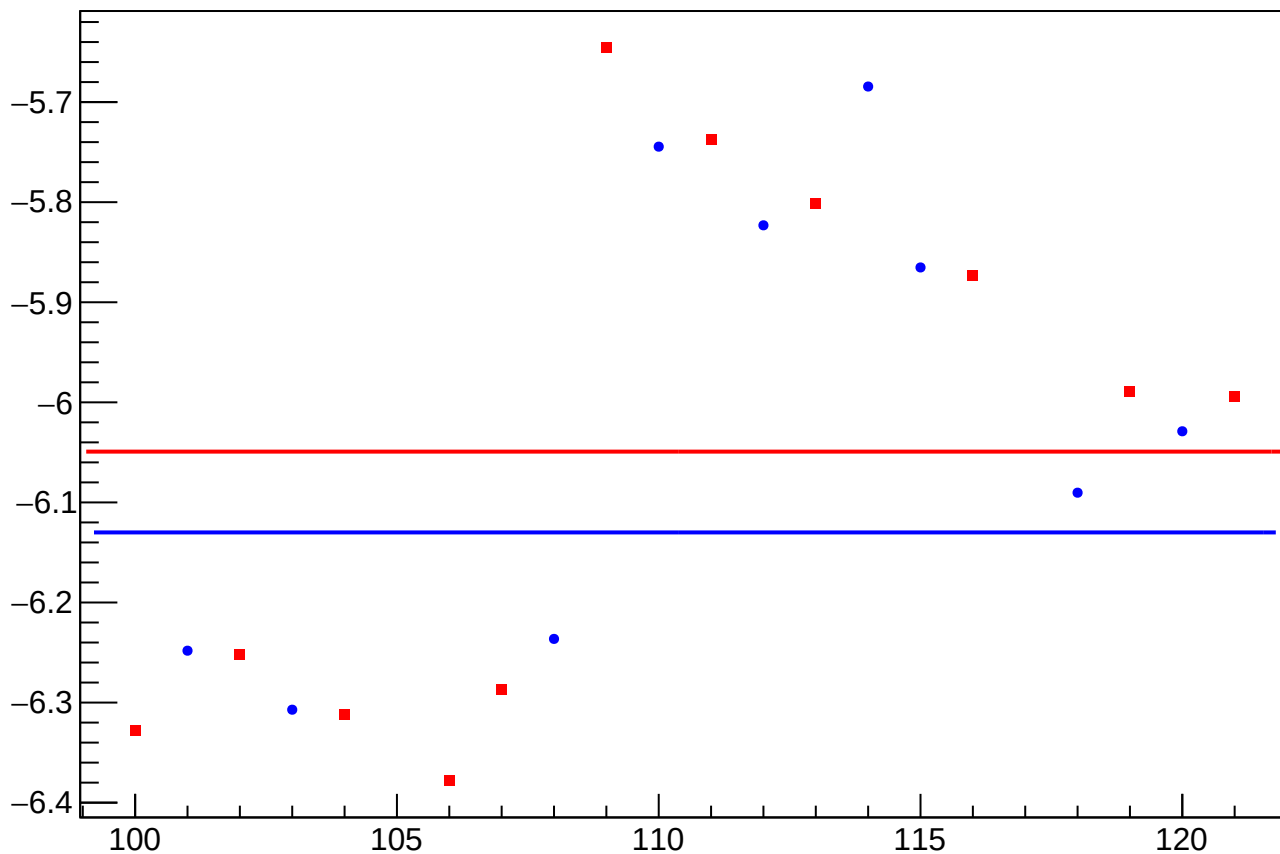
Right: 0.007+/-0.000 χ^2/NDF : 402950.6/19

In: 0.007+/-0.000 χ^2/NDF : 174828.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 402950.6/19

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.130+/-0.000 χ^2/NDF : 3685541327.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.049+/-0.000 χ^2/NDF : 7893306925.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

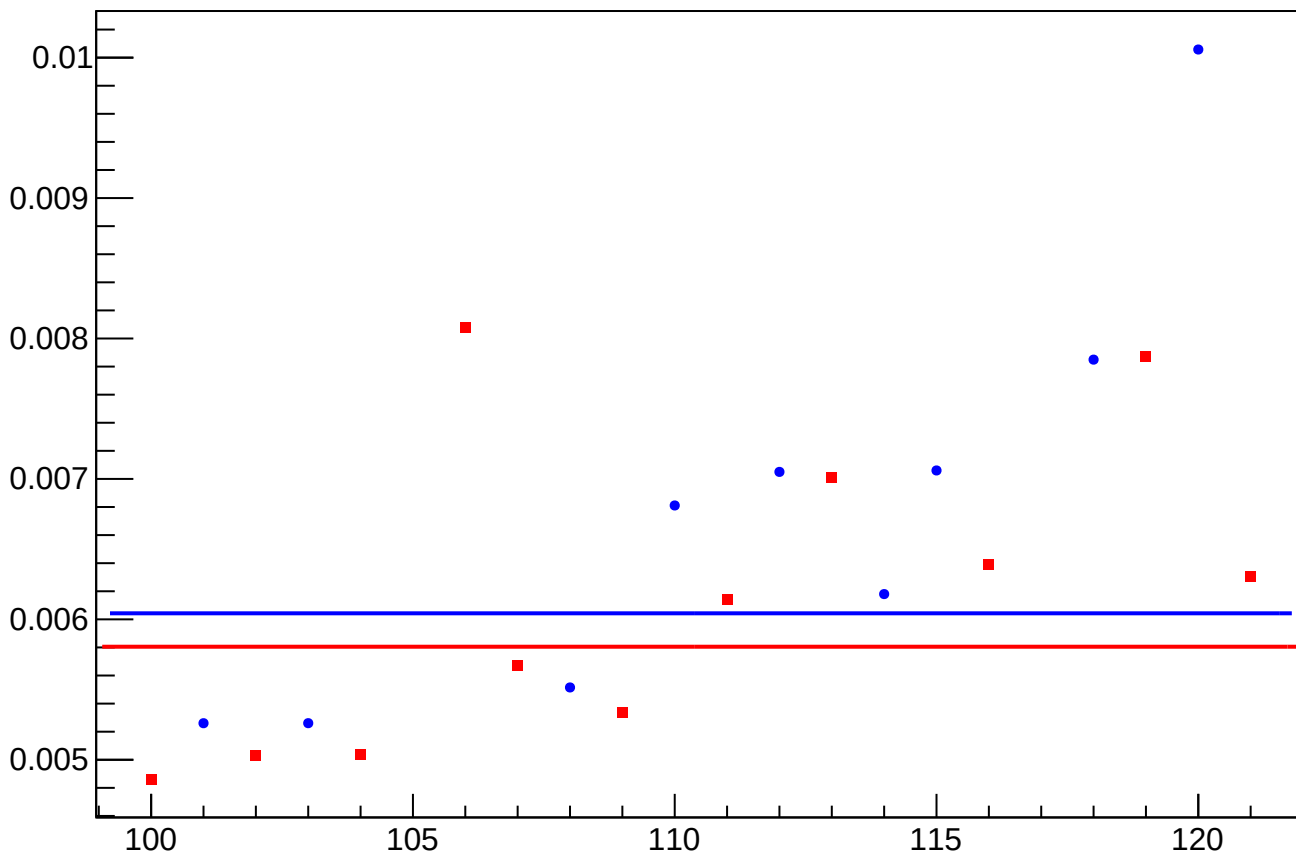
Right: -6.084+/-0.000 χ^2/NDF : 11901563810.9/19

In: -6.130+/-0.000 χ^2/NDF :3685541327.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.084+/-0.000 χ^2/NDF : 11901563810.9/19

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 228815.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 203239.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

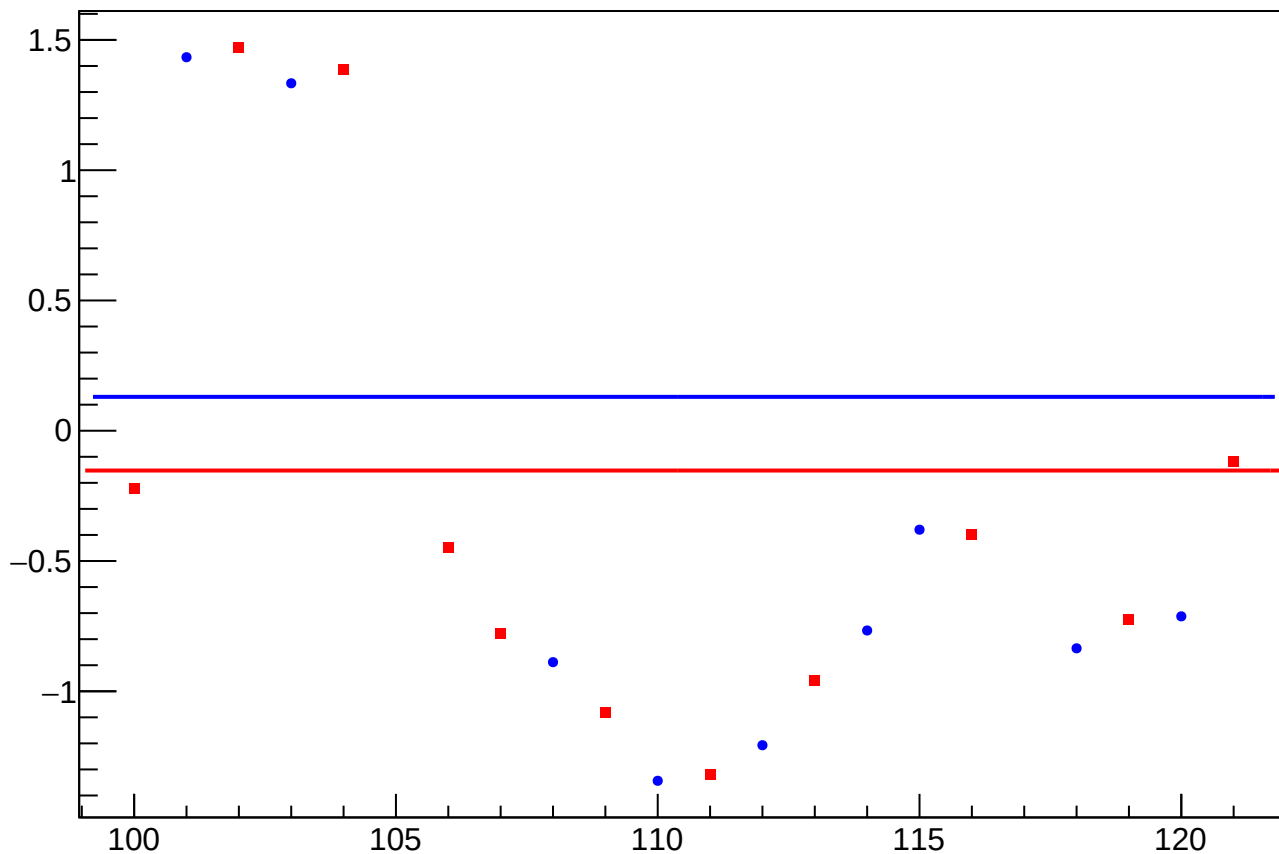
Right: 0.006+/-0.000 χ^2/NDF : 437658.2/19

In: 0.006+/-0.000 χ^2/NDF : 228815.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 437658.2/19

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.130+/-0.000 χ^2/NDF : 17311863851.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.153+/-0.000 χ^2/NDF : 21240193041.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

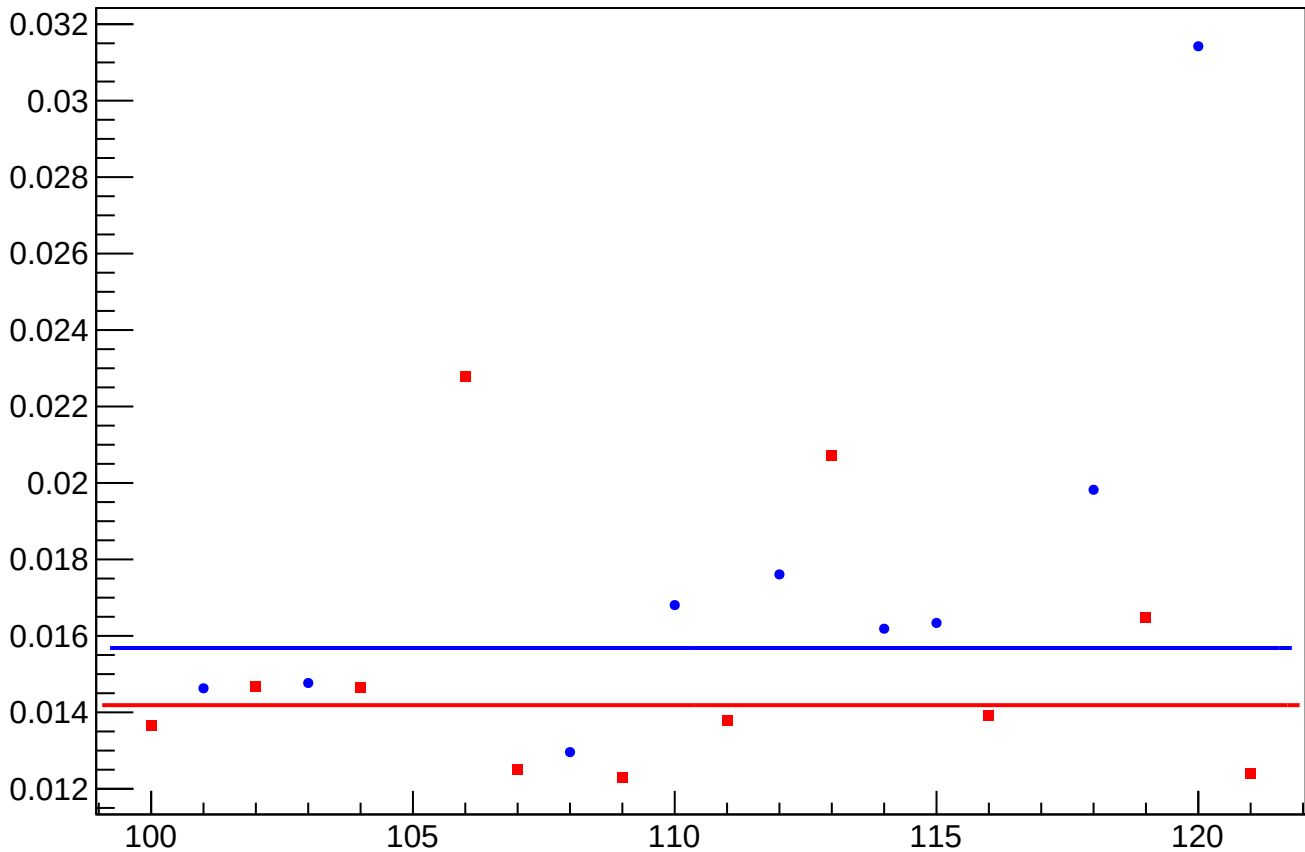
Right: -0.044+/-0.000 χ^2/NDF : 39155378971.3/19

In: 0.130+/-0.000 χ^2/NDF : 17311863851.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.044+/-0.000 χ^2/NDF : 39155378971.3/19

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 229995.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 196638.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

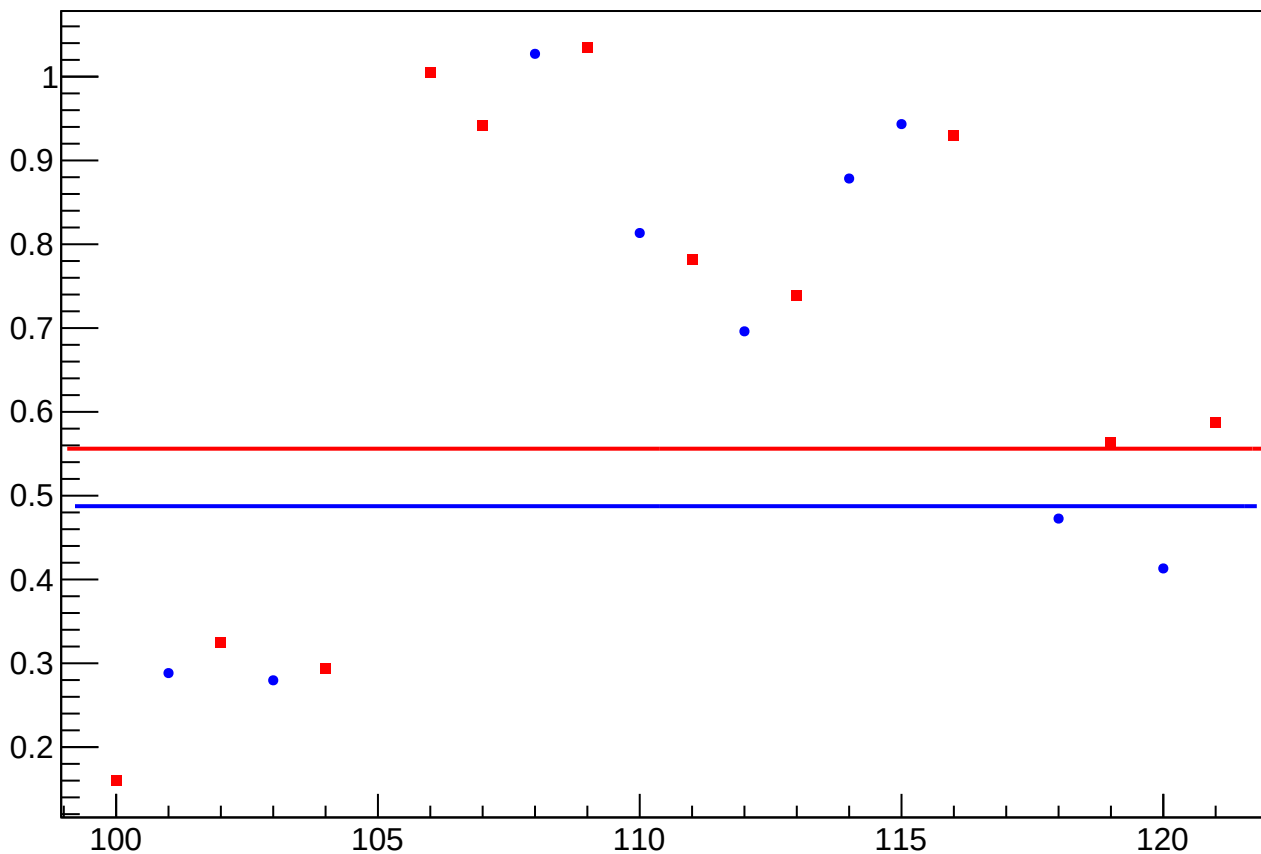
Right: 0.015+/-0.000 χ^2/NDF : 460359.6/19

In: 0.016+/-0.000 χ^2/NDF : 229995.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 460359.6/19

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.487+/-0.000 χ^2/NDF : 3601410081.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.556+/-0.000 χ^2/NDF : 4796298968.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

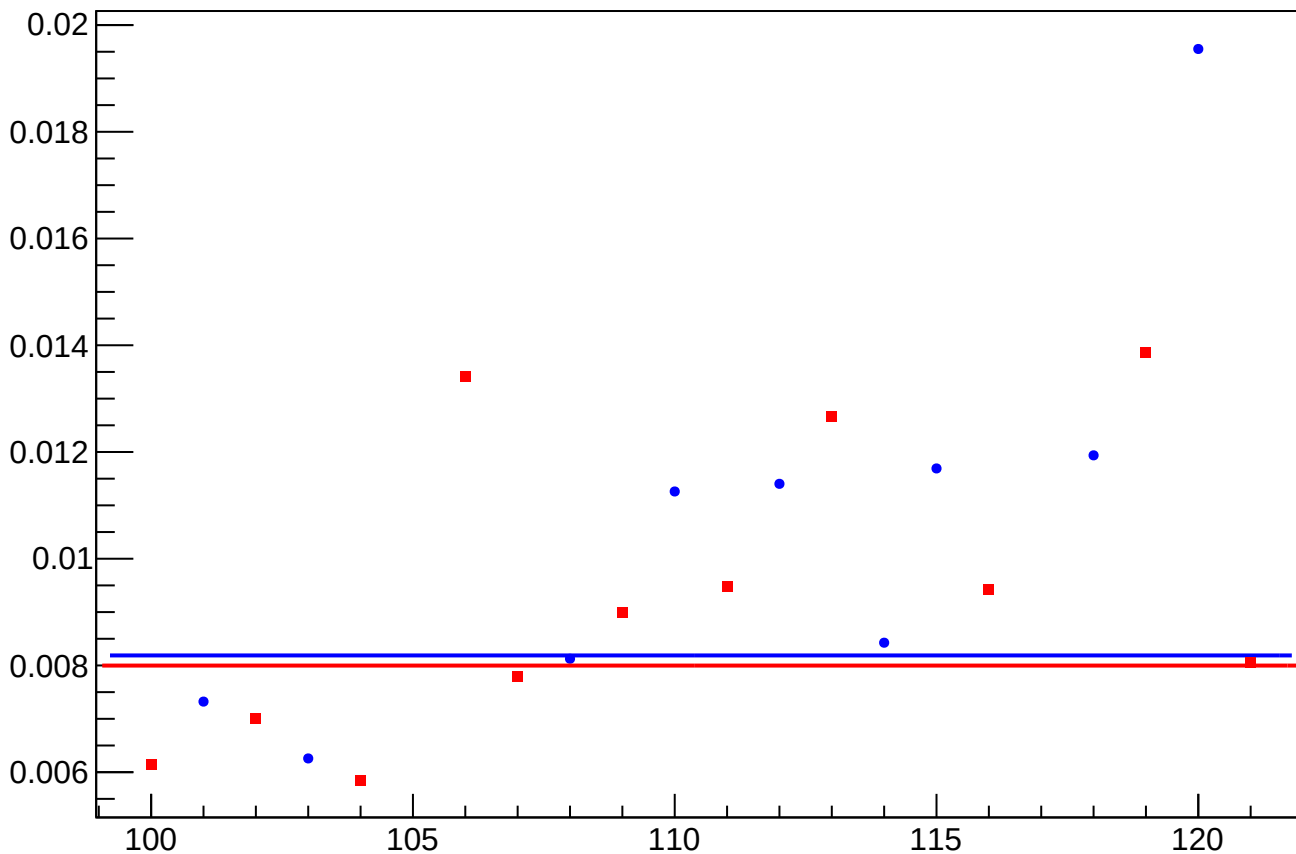
Right: 0.527+/-0.000 χ^2/NDF : 8514820618.7/19

In: 0.487+/-0.000 χ^2/NDF :3601410081.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.527+/-0.000 χ^2/NDF : 8514820618.7/19

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 542209.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 544777.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

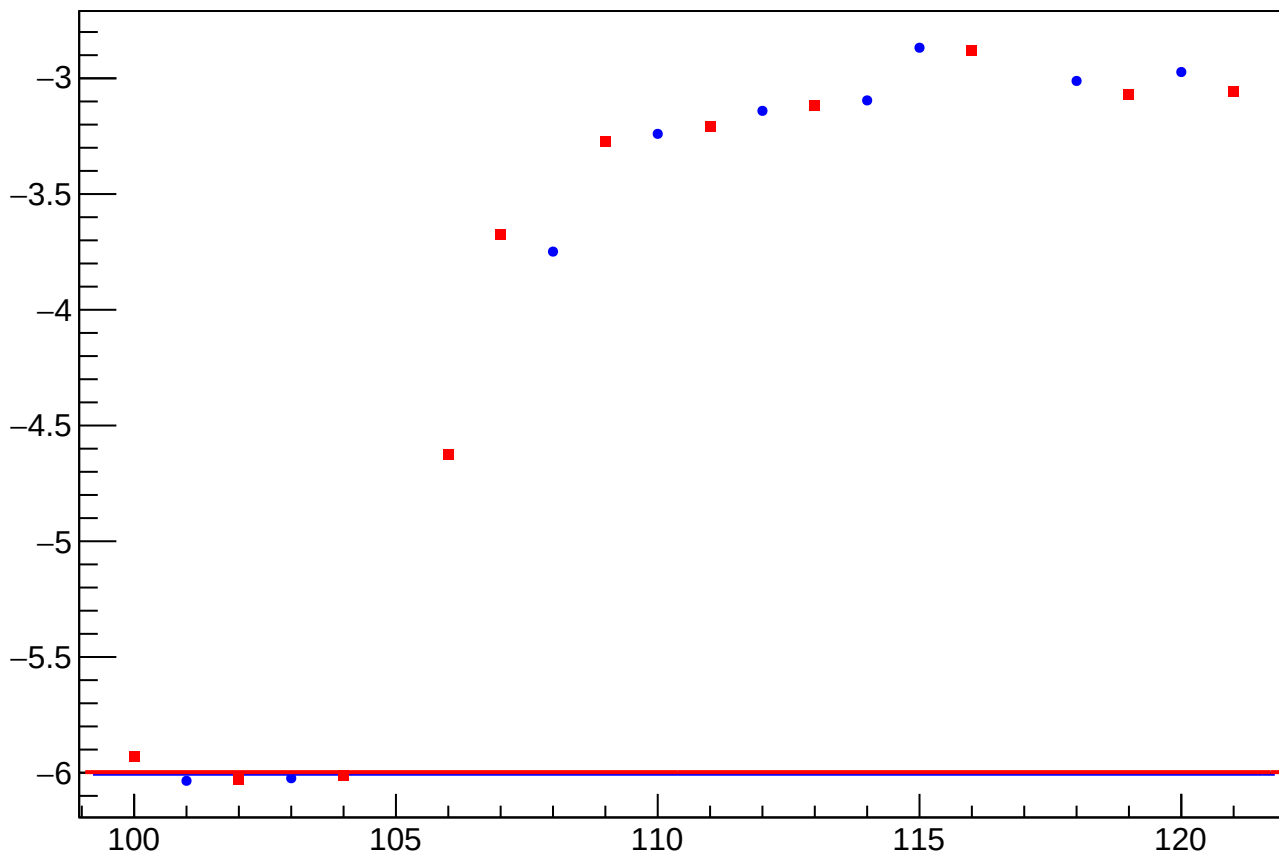
Right: 0.008+/-0.000 χ^2/NDF : 1088783.3/19

In: 0.008+/-0.000 χ^2/NDF :542209.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1088783.3/19

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.004+/-0.000 χ^2/NDF : 3162246384.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.997+/-0.000 χ^2/NDF : 2564796235.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

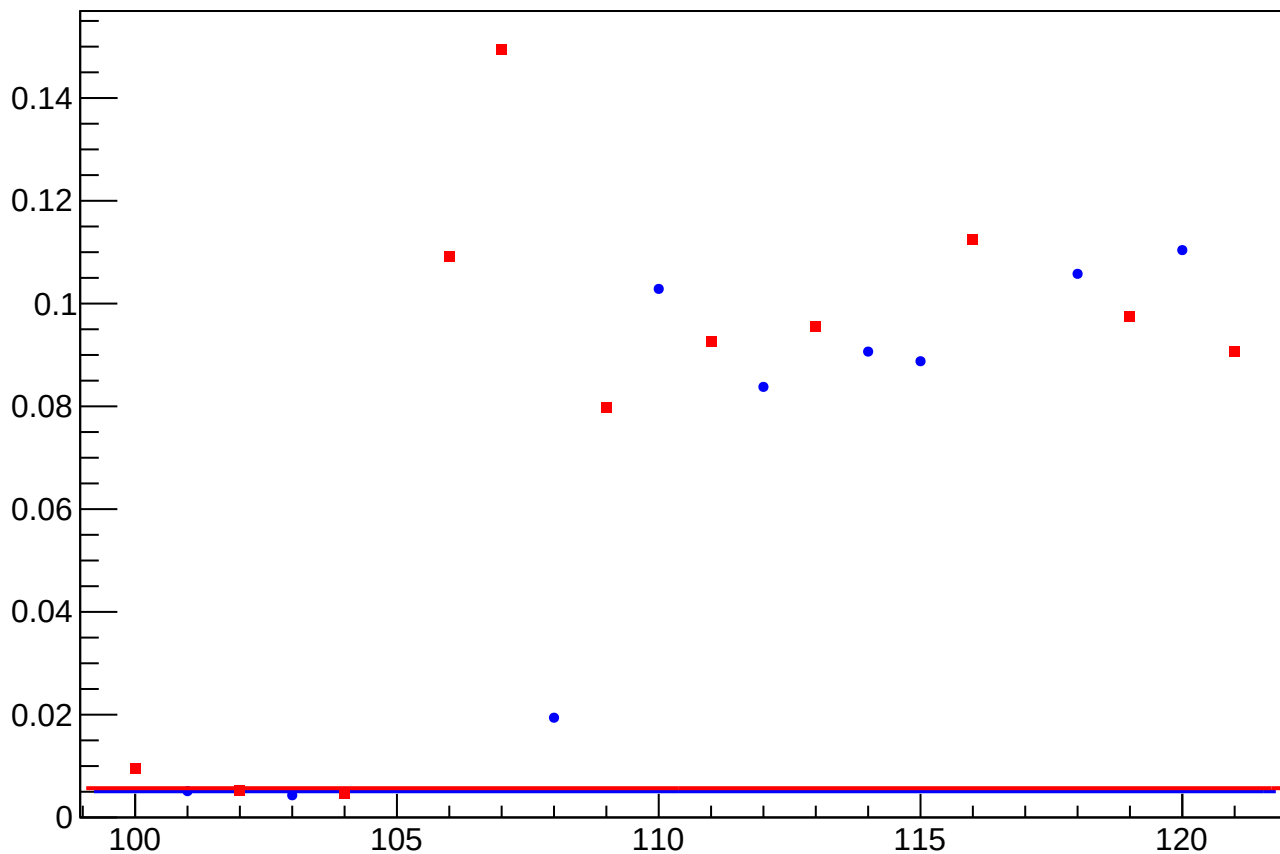
Right: -6.001+/-0.000 χ^2/NDF : 5728165057.2/19

In: -6.004+/-0.000 χ^2/NDF :3162246384.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.001+/-0.000 χ^2/NDF : 5728165057.2/19

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3476388.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5460377.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

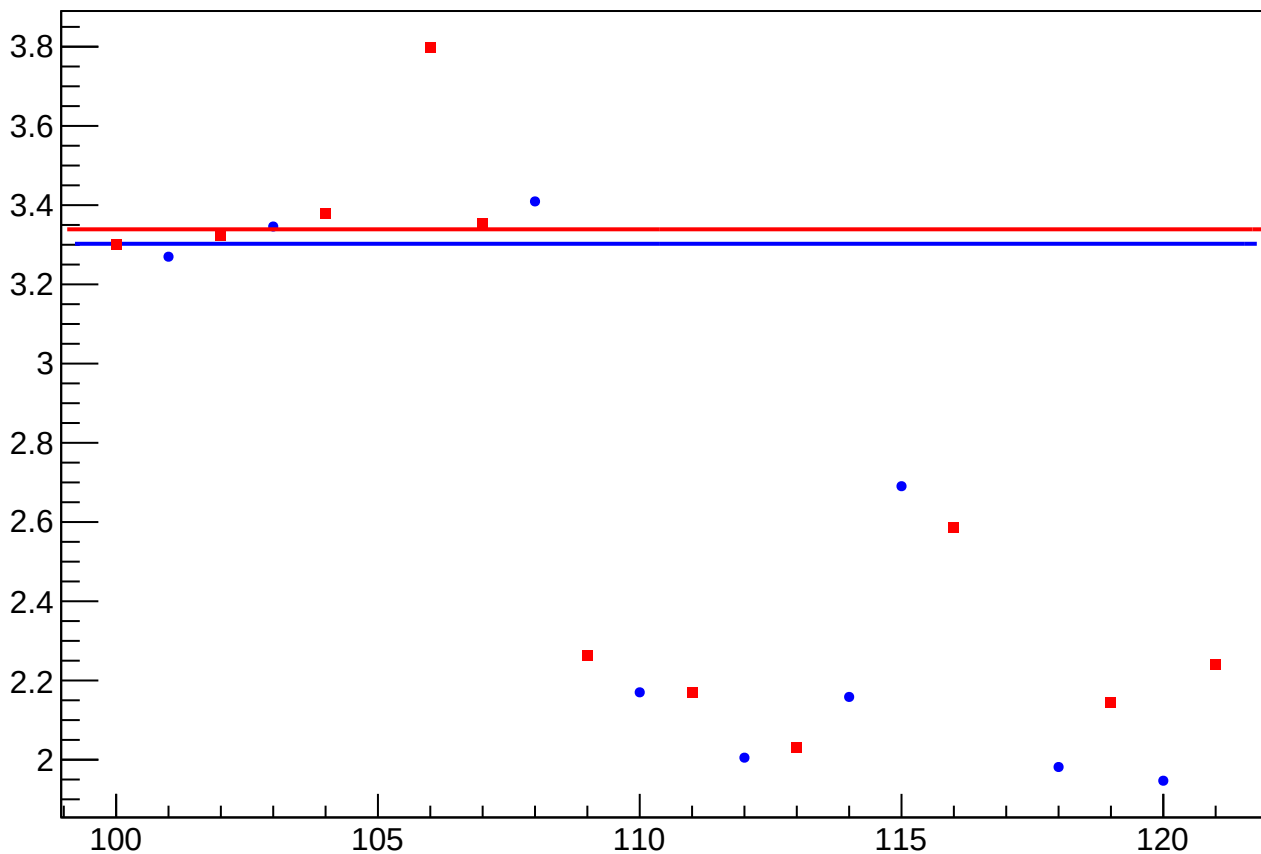
Right: 0.005+/-0.000 χ^2/NDF : 8953054.3/19

In: 0.005+/-0.000 χ^2/NDF : 3476388.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 8953054.3/19

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.302+/-0.000 χ^2/NDF : 321592362.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.339+/-0.000 χ^2/NDF : 400458113.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

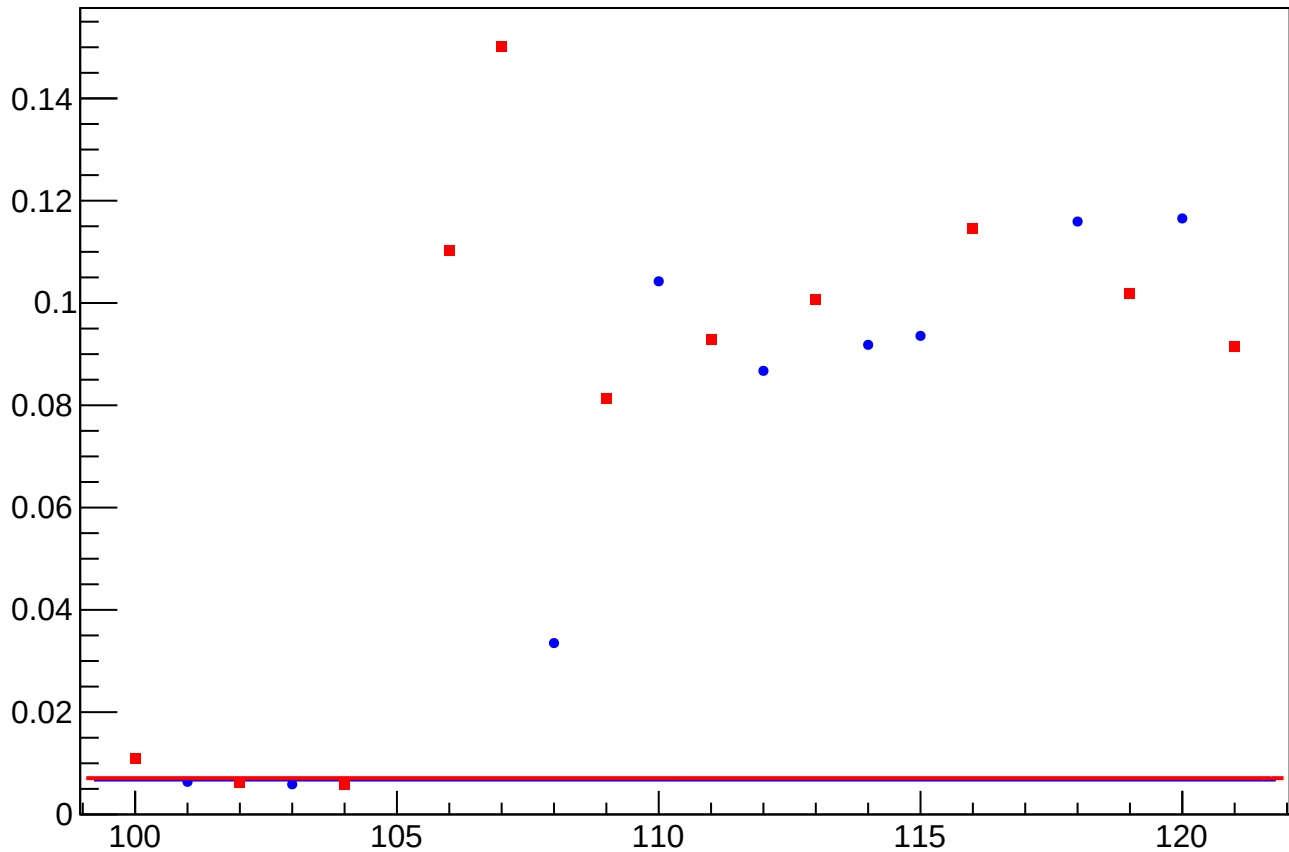
Right: 3.320+/-0.000 χ^2/NDF : 741685579.4/19

In: 3.302+/-0.000 χ^2/NDF :321592362.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.320+/-0.000 χ^2/NDF : 741685579.4/19

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3479116.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5310601.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

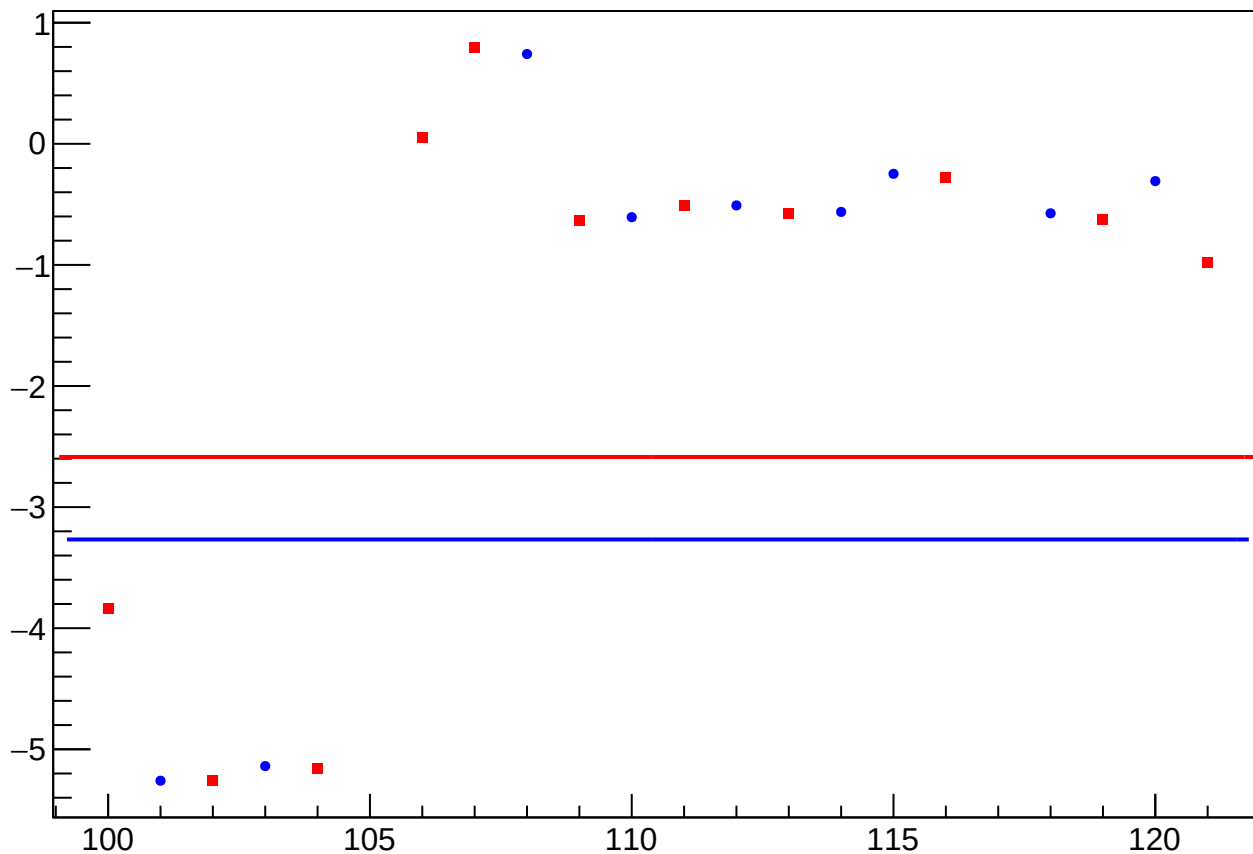
Right: 0.007+/-0.000 χ^2/NDF : 8791870.8/19

In: 0.007+/-0.000 χ^2/NDF :3479116.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 8791870.8/19

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.267+/-0.000 χ^2/NDF : 86568189726.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.586+/-0.000 χ^2/NDF : 105936851246.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

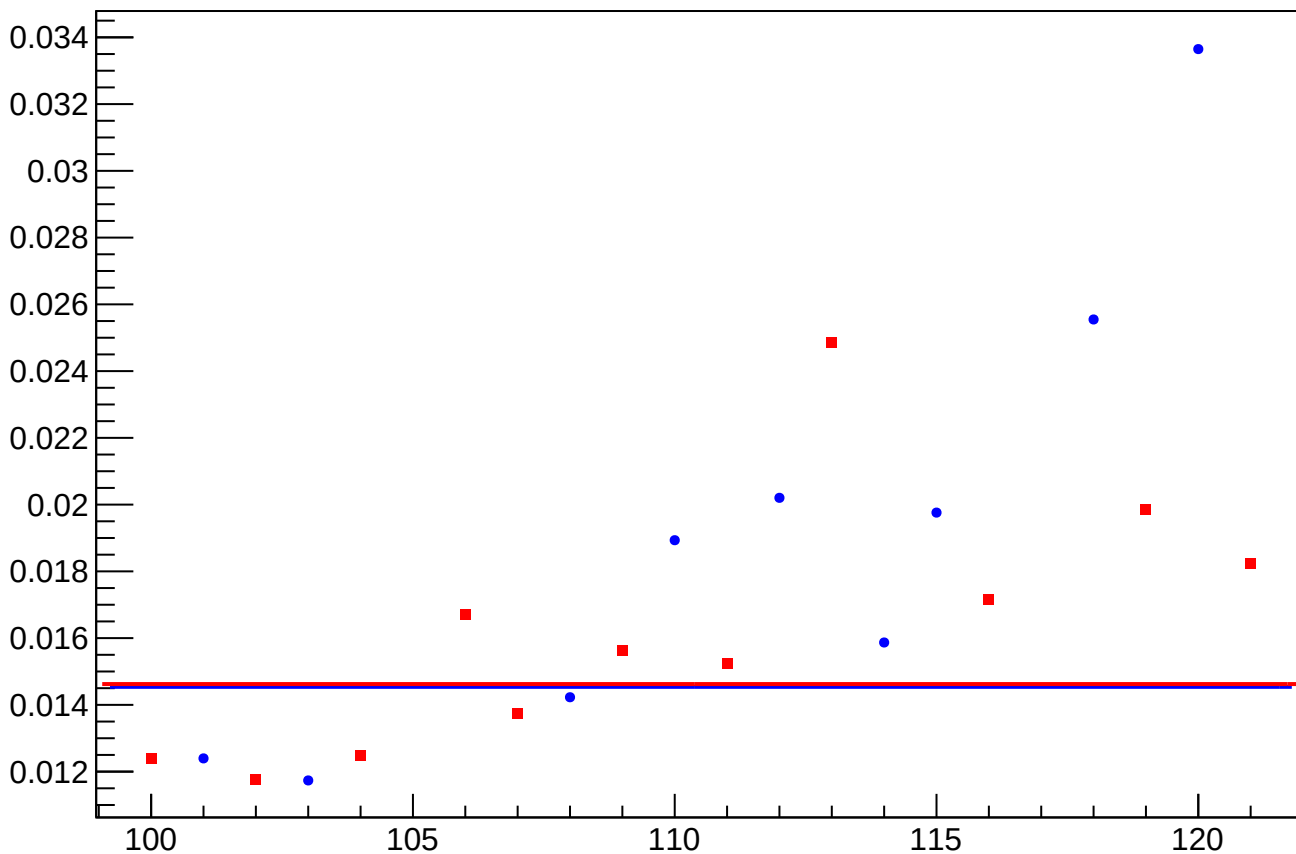
Right: -2.879+/-0.000 χ^2/NDF : 196098416968.0/19

In: -3.267+/-0.000 χ^2/NDF : 86568189726.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.879+/-0.000 χ^2/NDF : 196098416968.0

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 544554.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 337995.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

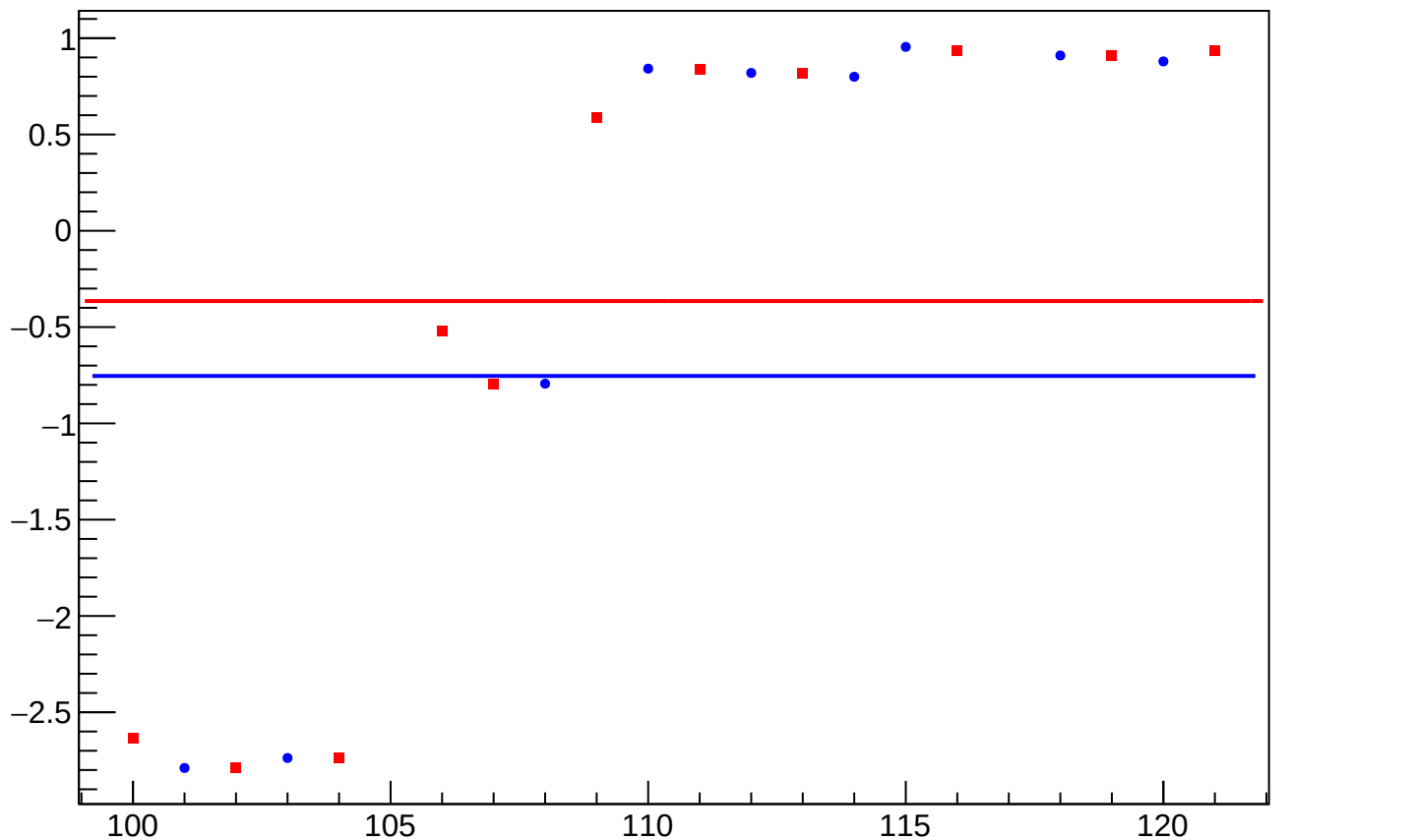
Right: 0.015+/-0.000 χ^2/NDF : 882656.8/19

In: 0.015+/-0.000 χ^2/NDF :544554.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

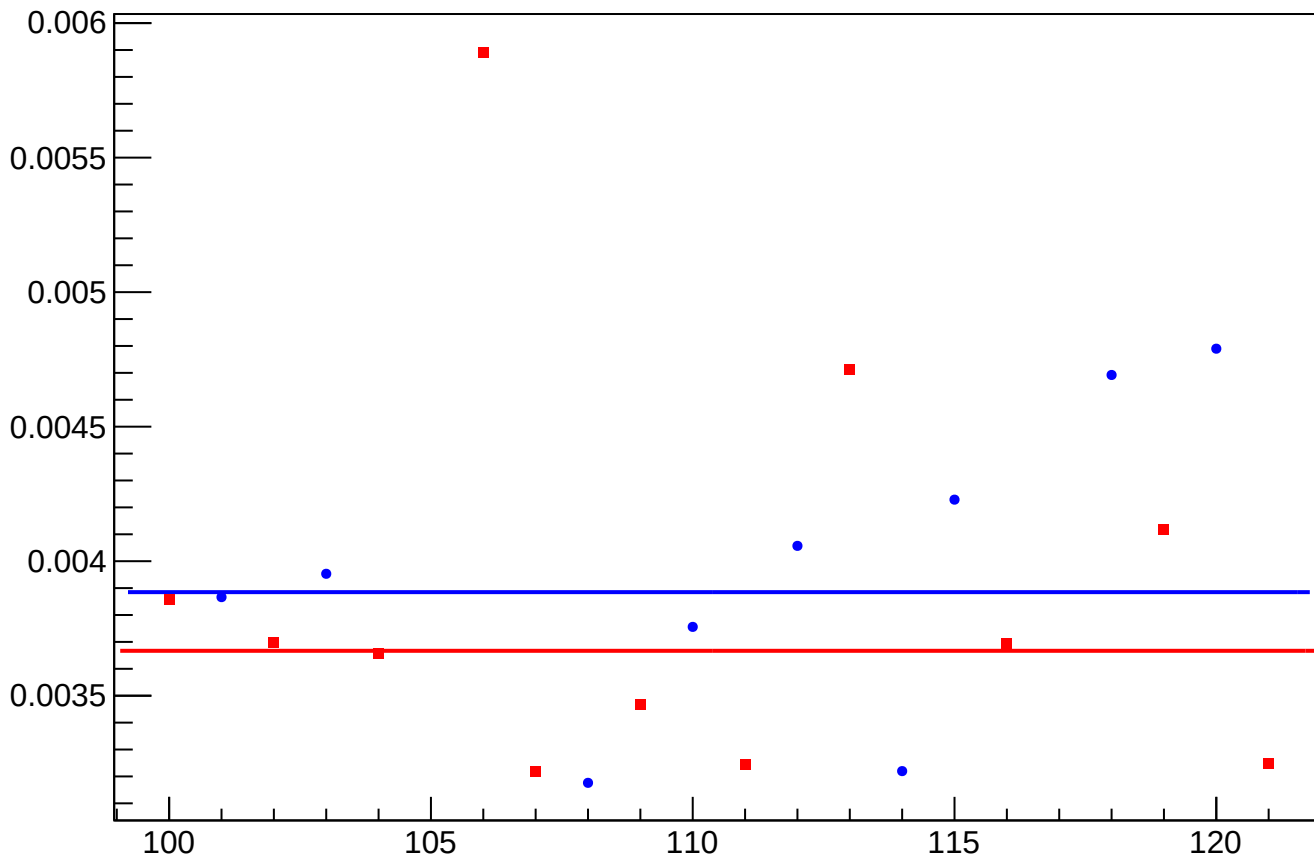
All: 0.015+/-0.000 χ^2/NDF : 882656.8/19

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.754 ± 0.000 $\chi^2/\text{NDF}: 589432101178.5/8$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: -0.526 ± 0.000 $\chi^2/\text{NDF}: 1395715011892.7/1$
 Right Out: -0.365 ± 0.000 $\chi^2/\text{NDF}: 786750271548.9/10$ In: -0.754 ± 0.000 $\chi^2/\text{NDF}: 589432101178.5/8$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.526 ± 0.000 $\chi^2/\text{NDF}: 1395715011892.7/1$

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 103146.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 173957.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

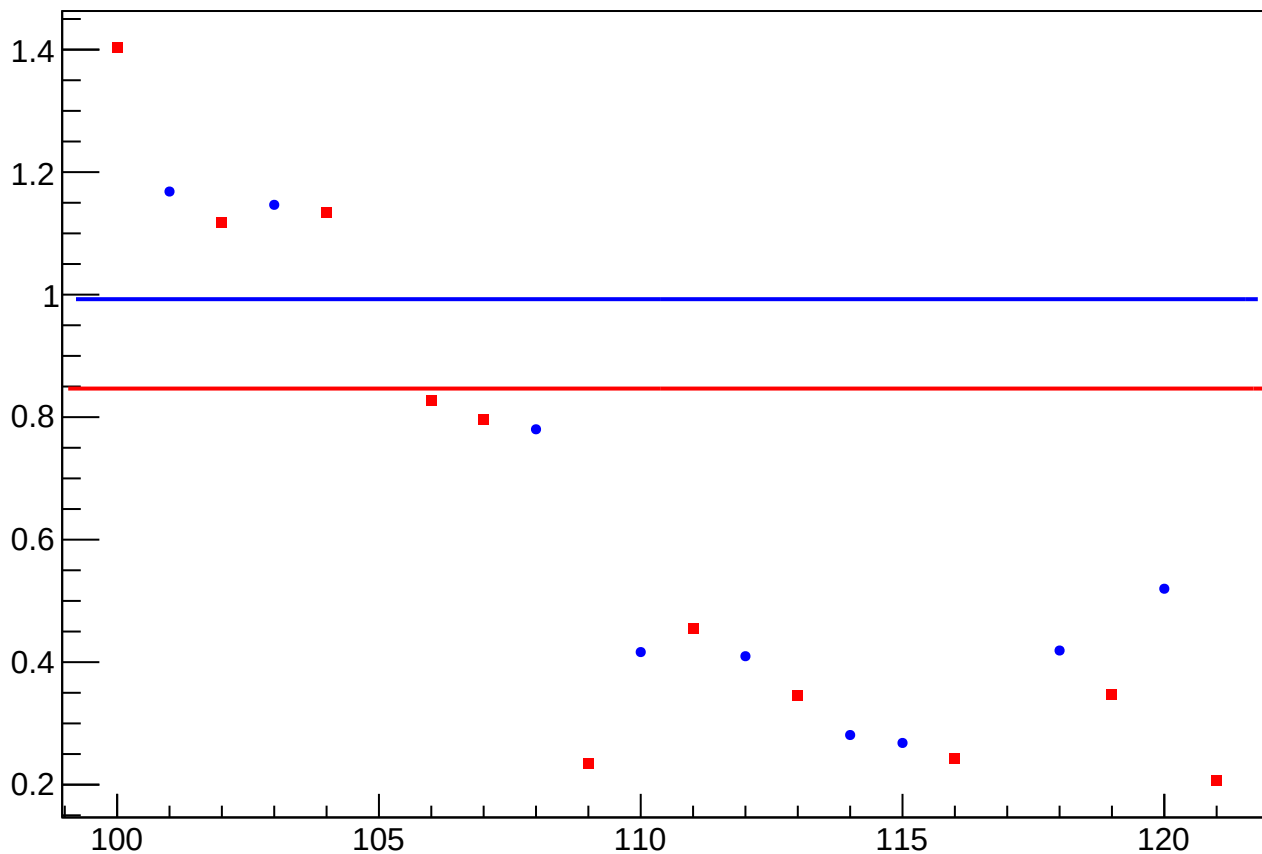
Right: 0.004+/-0.000 χ^2/NDF : 289375.3/19

In: 0.004+/-0.000 χ^2/NDF :103146.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 289375.3/19

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.993+/-0.000 χ^2/NDF : 8304286581.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.847+/-0.000 χ^2/NDF : 16829638747.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

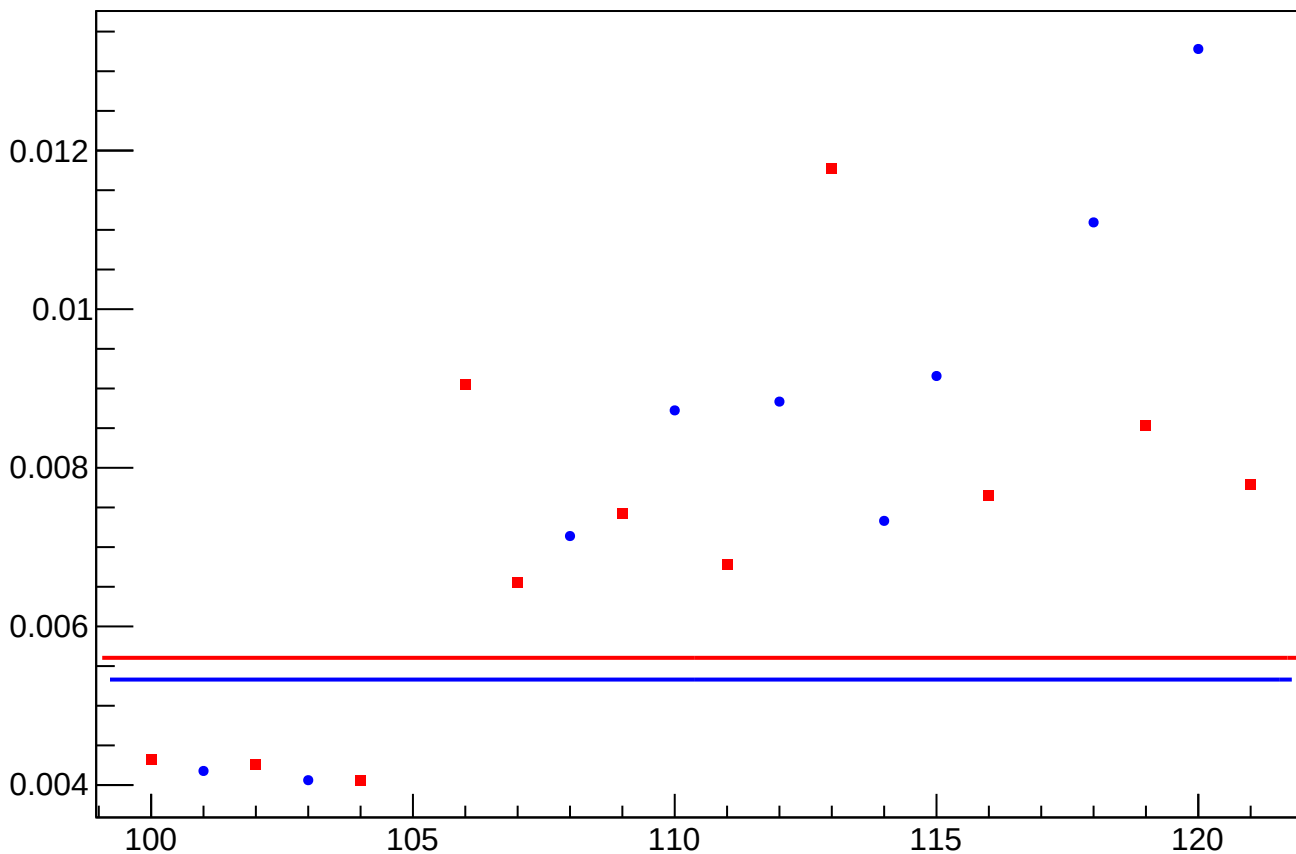
Right: 0.913+/-0.000 χ^2/NDF : 26234225072.6/19

In: 0.993+/-0.000 χ^2/NDF :8304286581.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.913+/-0.000 χ^2/NDF : 26234225072.6/19

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 963927.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 828380.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

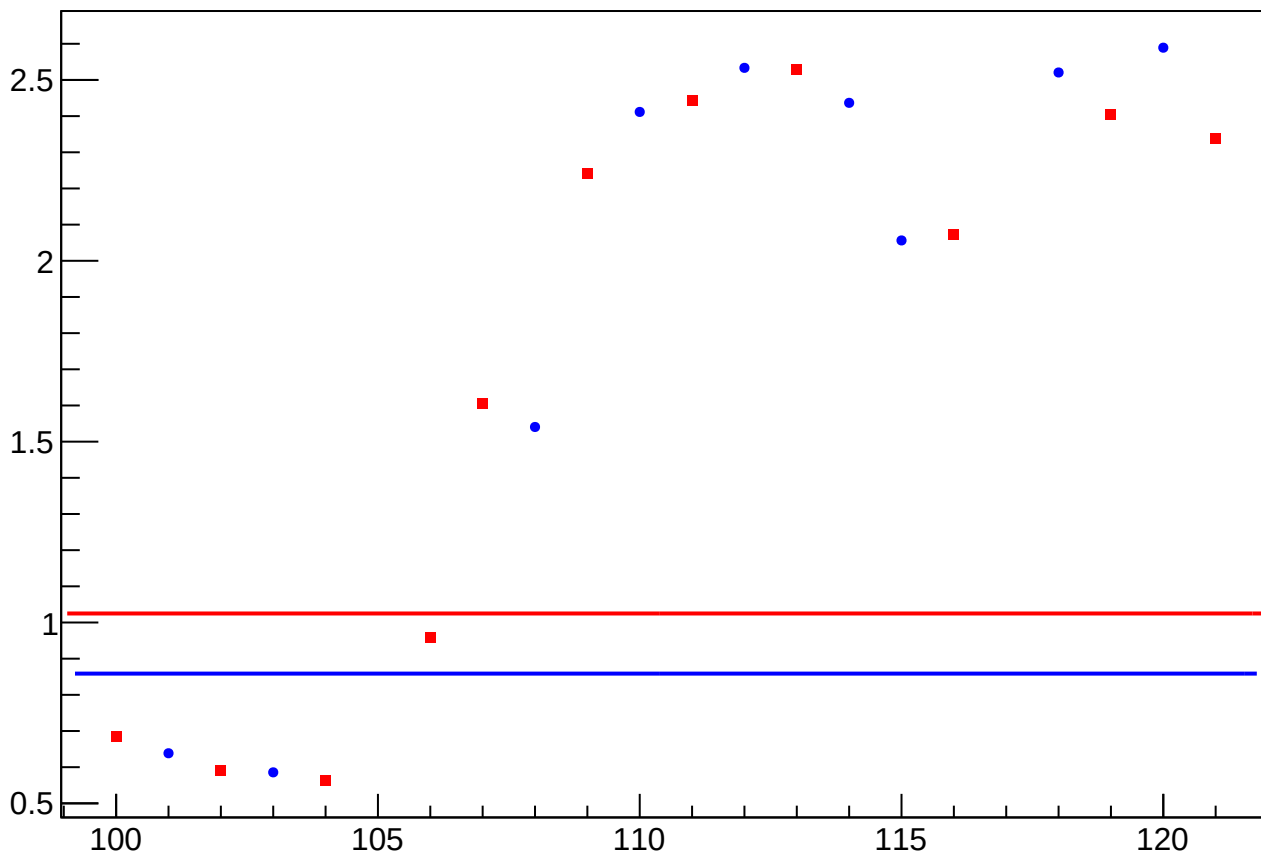
Right: 0.005+/-0.000 χ^2/NDF : 1800075.9/19

In: 0.005+/-0.000 χ^2/NDF : 963927.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1800075.9/19

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.859+/-0.000 χ^2/NDF : 36121311697.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.025+/-0.000 χ^2/NDF : 66733549519.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

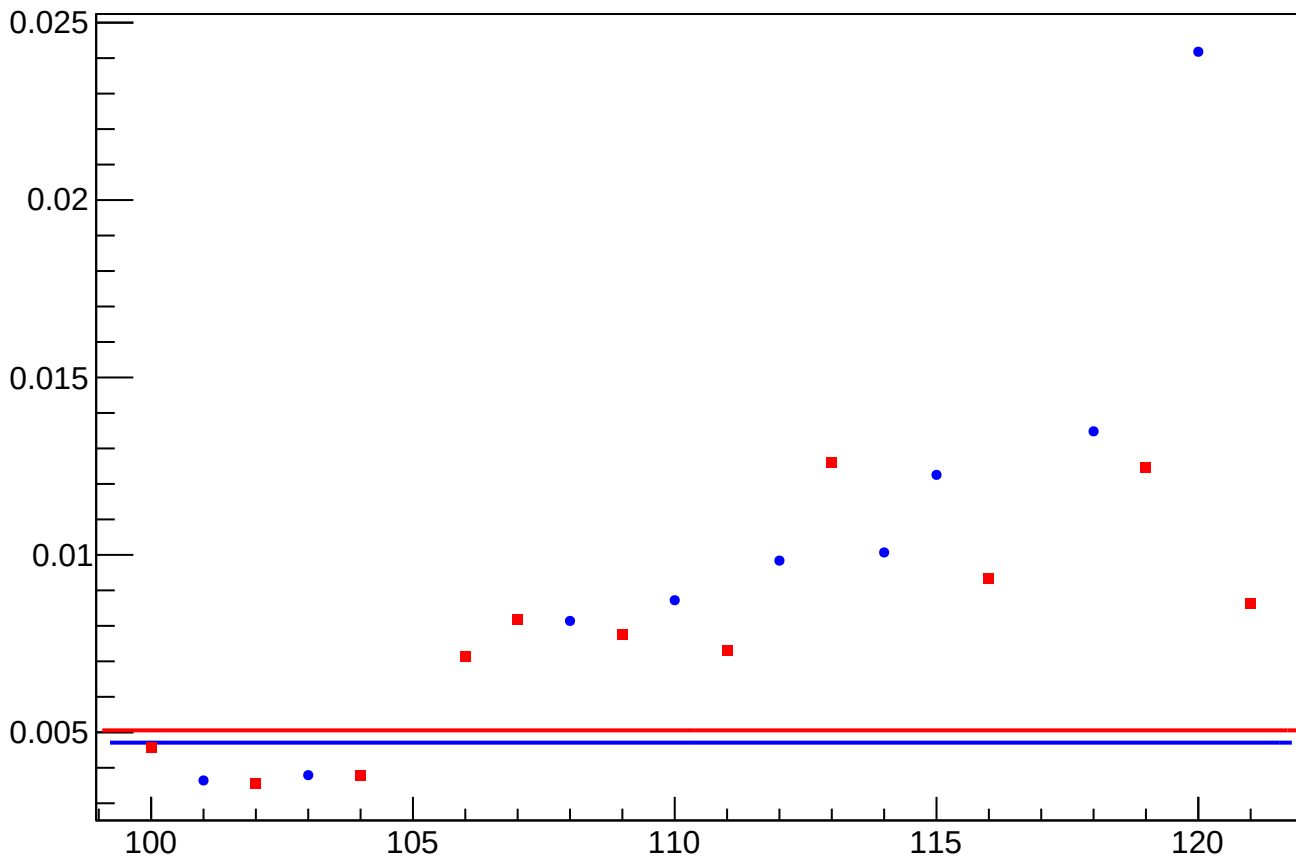
Right: 0.948+/-0.000 χ^2/NDF : 104410052042.8/19

In: 0.859+/-0.000 χ^2/NDF :36121311697.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.948+/-0.000 χ^2/NDF : 104410052042.8

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1404046.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1340492.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

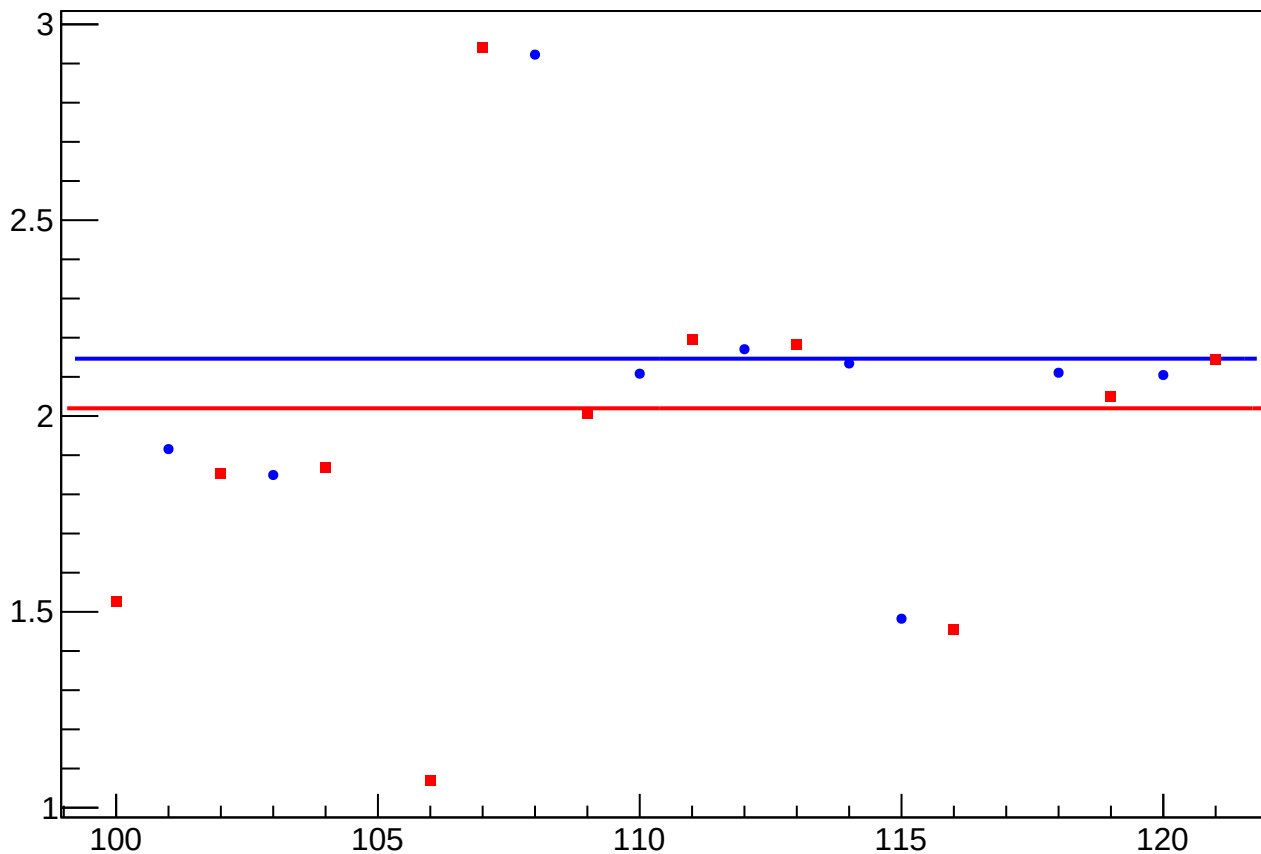
Right: 0.005+/-0.000 χ^2/NDF : 2758011.0/19

In: 0.005+/-0.000 χ^2/NDF :1404046.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2758011.0/19

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.146+/-0.000

χ^2/NDF : 9014785787.9/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.074+/-0.000

χ^2/NDF : 22983528394.8/19

Right Out: 2.020+/-0.000

χ^2/NDF : 13336215785.4/10

In: 2.146+/-0.000

χ^2/NDF : 9014785787.9/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

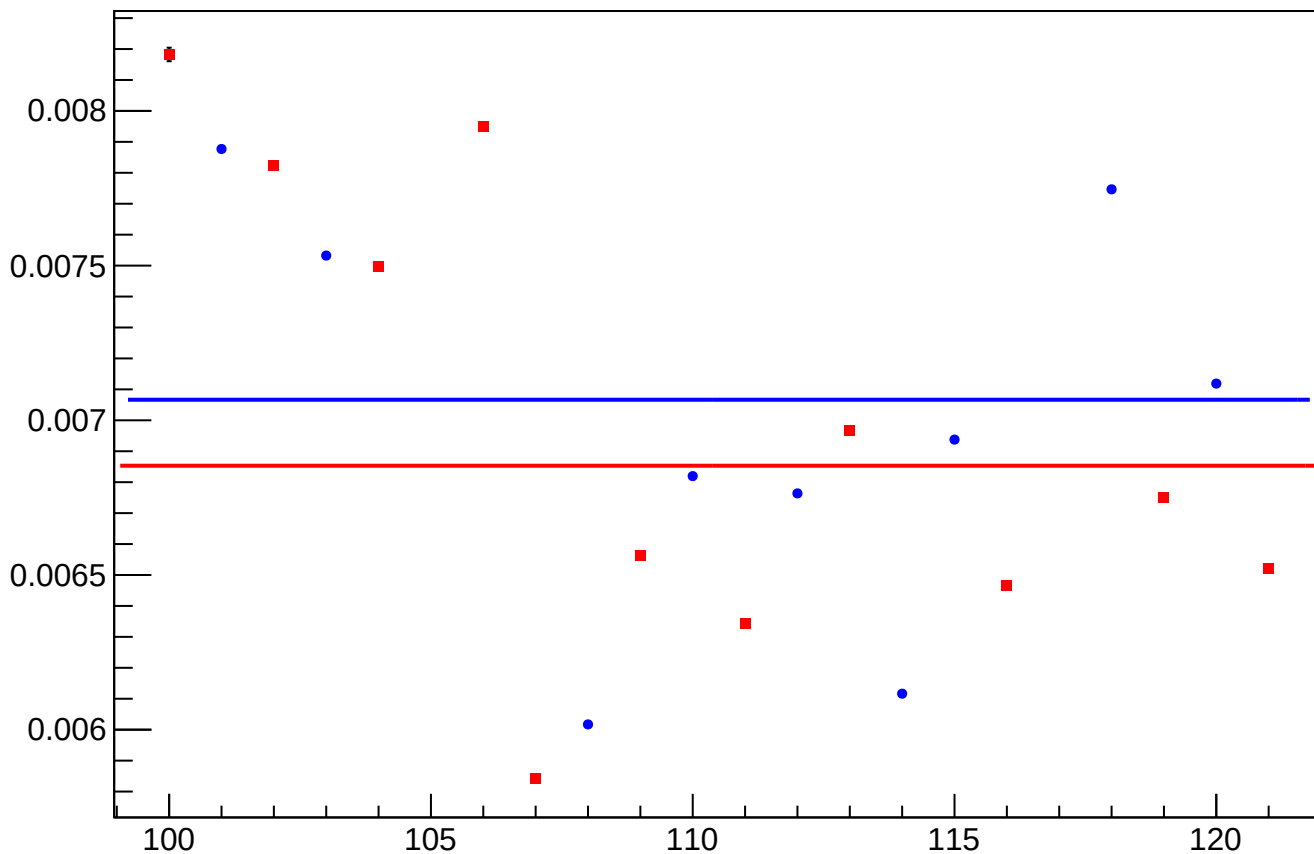
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.074+/-0.000

χ^2/NDF : 22983528394.8/19

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 56304.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 67526.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

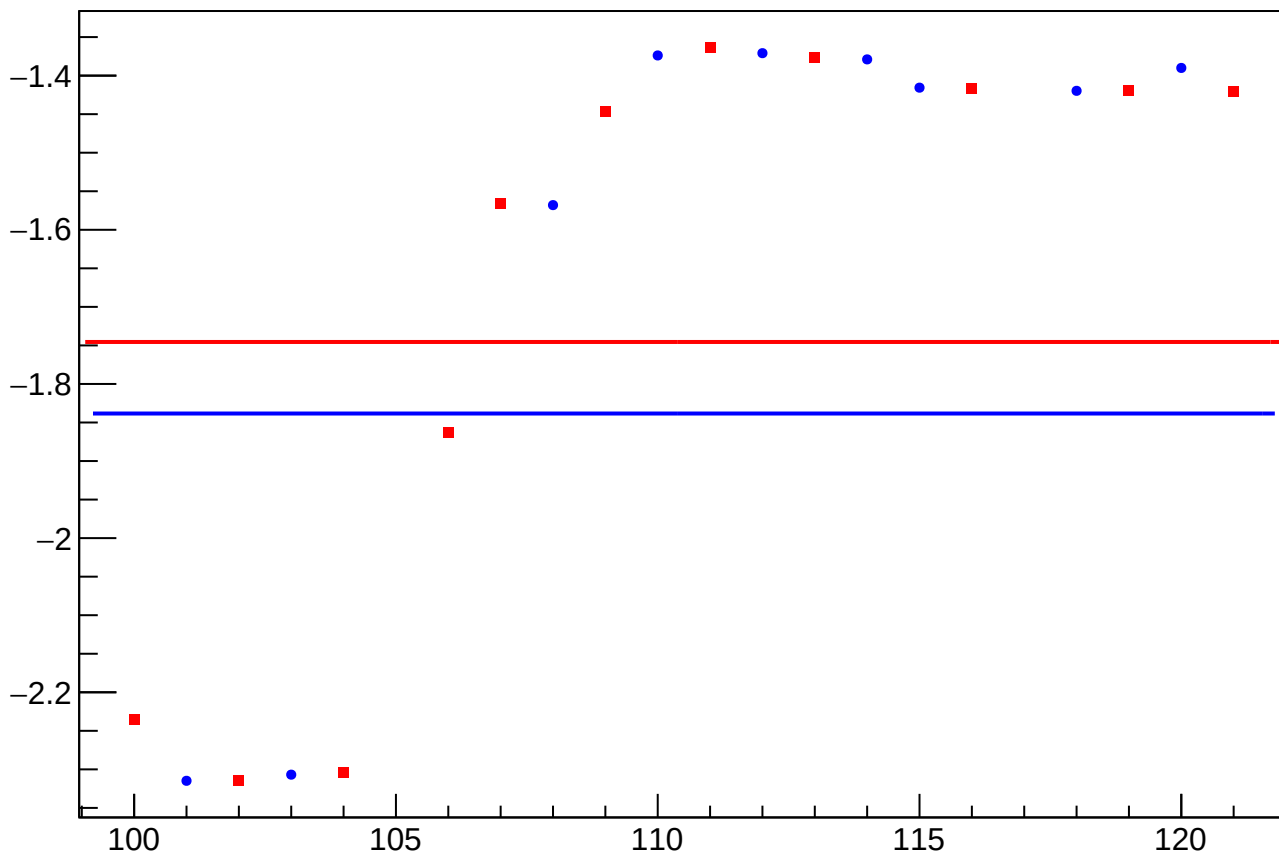
Right: 0.007+/-0.000 χ^2/NDF : 127416.9/19

In: 0.007+/-0.000 χ^2/NDF :56304.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 127416.9/19

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.838+/-0.000 χ^2/NDF : 88317295788.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.746+/-0.000 χ^2/NDF : 103307818340.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

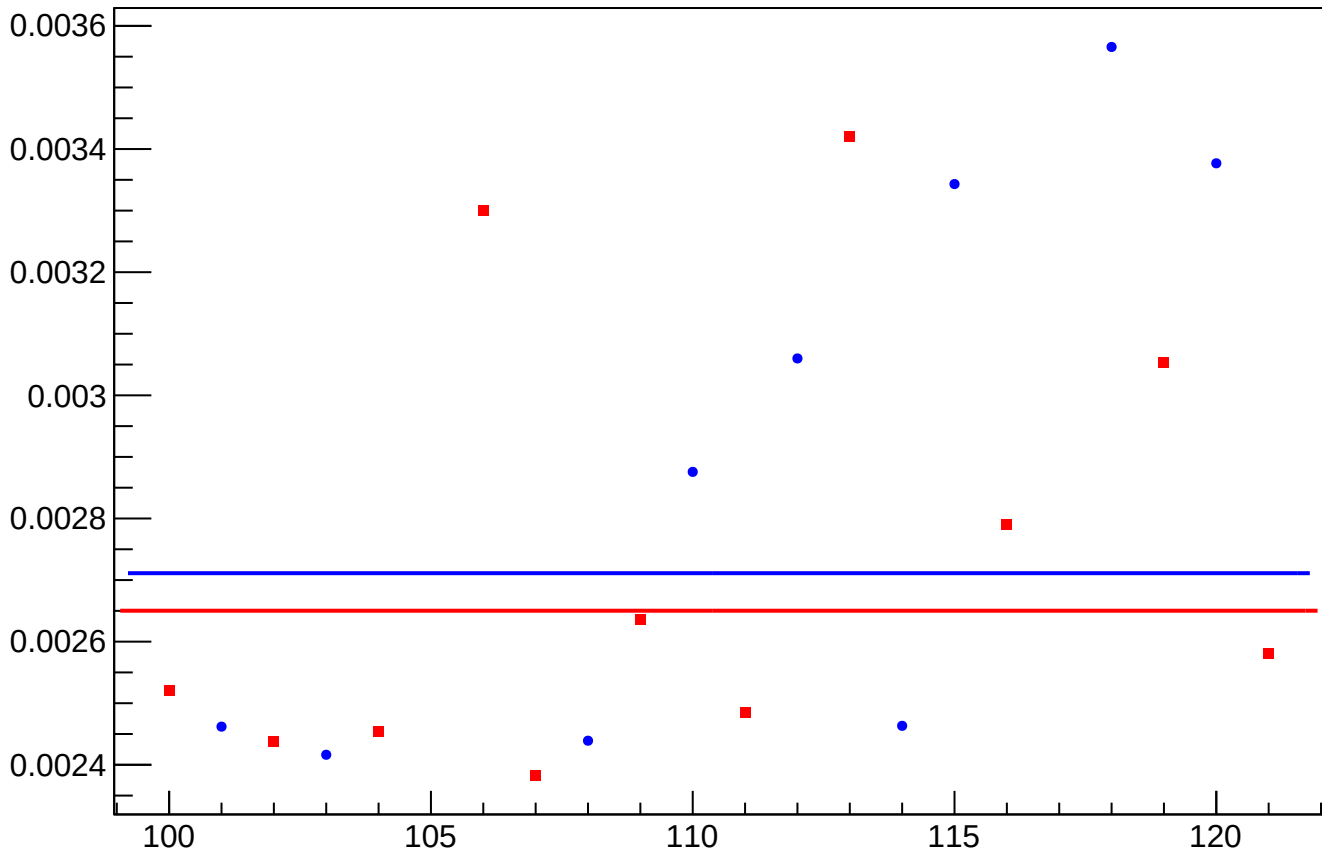
Right: -1.786+/-0.000 χ^2/NDF : 193855476252.1/19

In: -1.838+/-0.000 χ^2/NDF :88317295788.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.786+/-0.000 χ^2/NDF : 193855476252.1/19

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 143676.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 108598.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

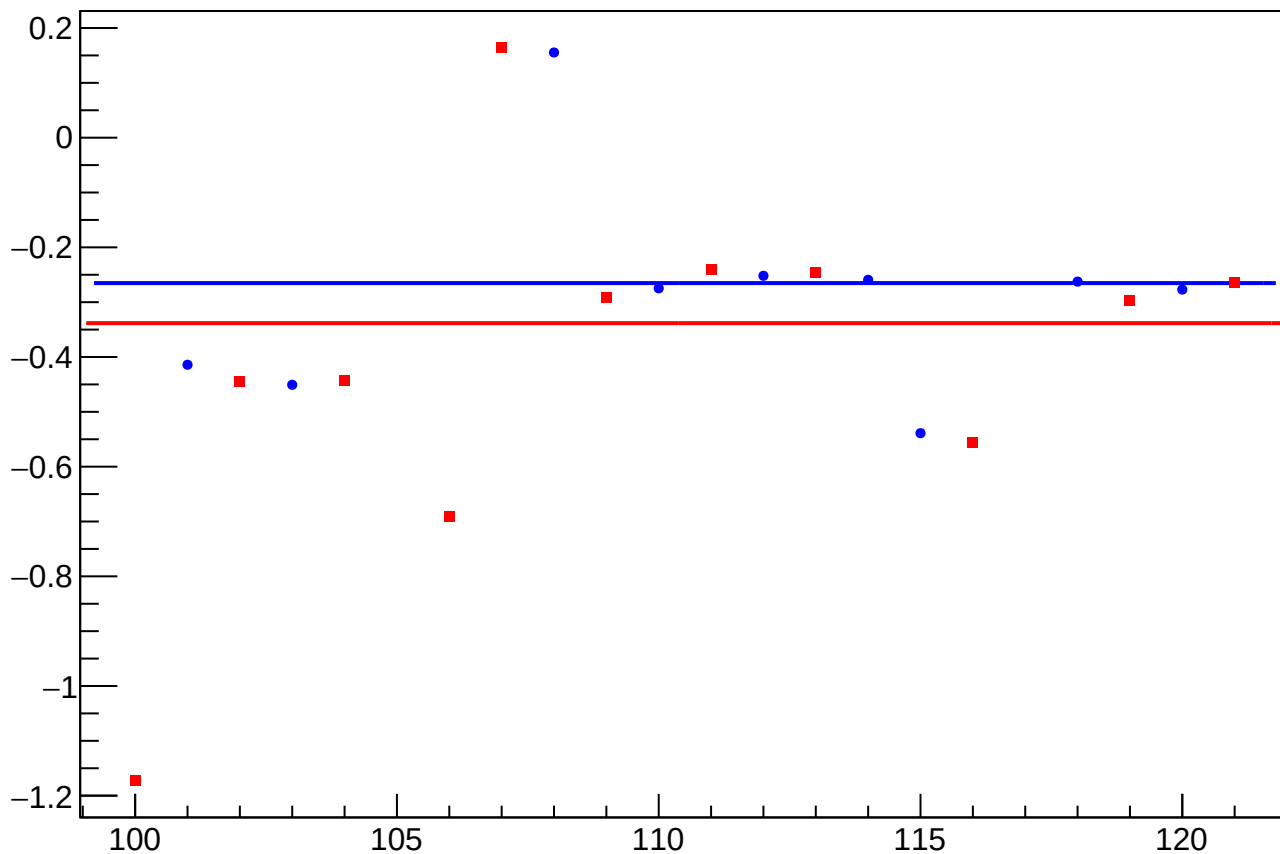
Right: 0.003+/-0.000 χ^2/NDF : 254197.9/19

In: 0.003+/-0.000 χ^2/NDF :143676.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 254197.9/19

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.265+/-0.000 χ^2/NDF : 943472059.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.338+/-0.000 χ^2/NDF : 1558150605.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

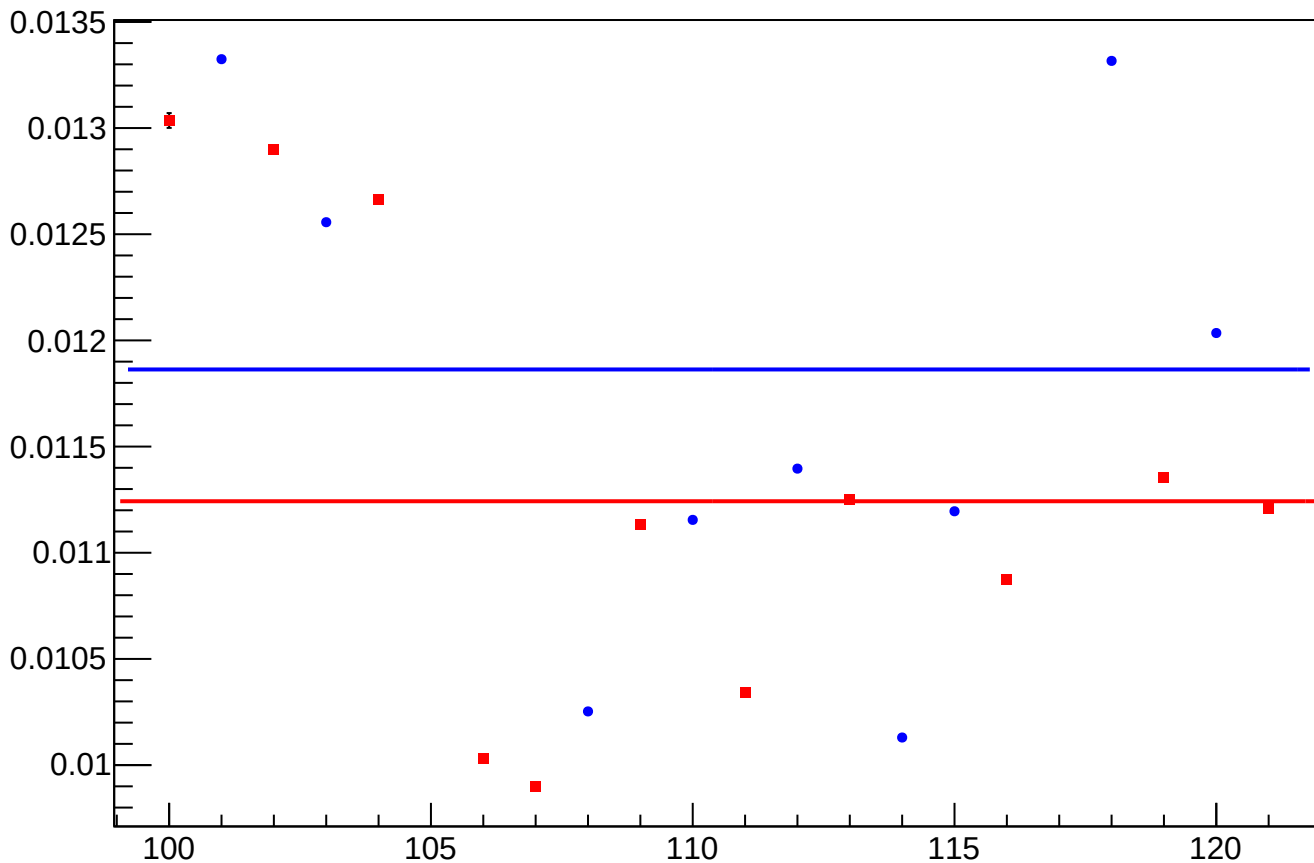
Right: -0.308+/-0.000 χ^2/NDF : 2579308696.0/19

In: -0.265+/-0.000 χ^2/NDF :943472059.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.308+/-0.000 χ^2/NDF : 2579308696.0/19

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 62141.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 61388.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

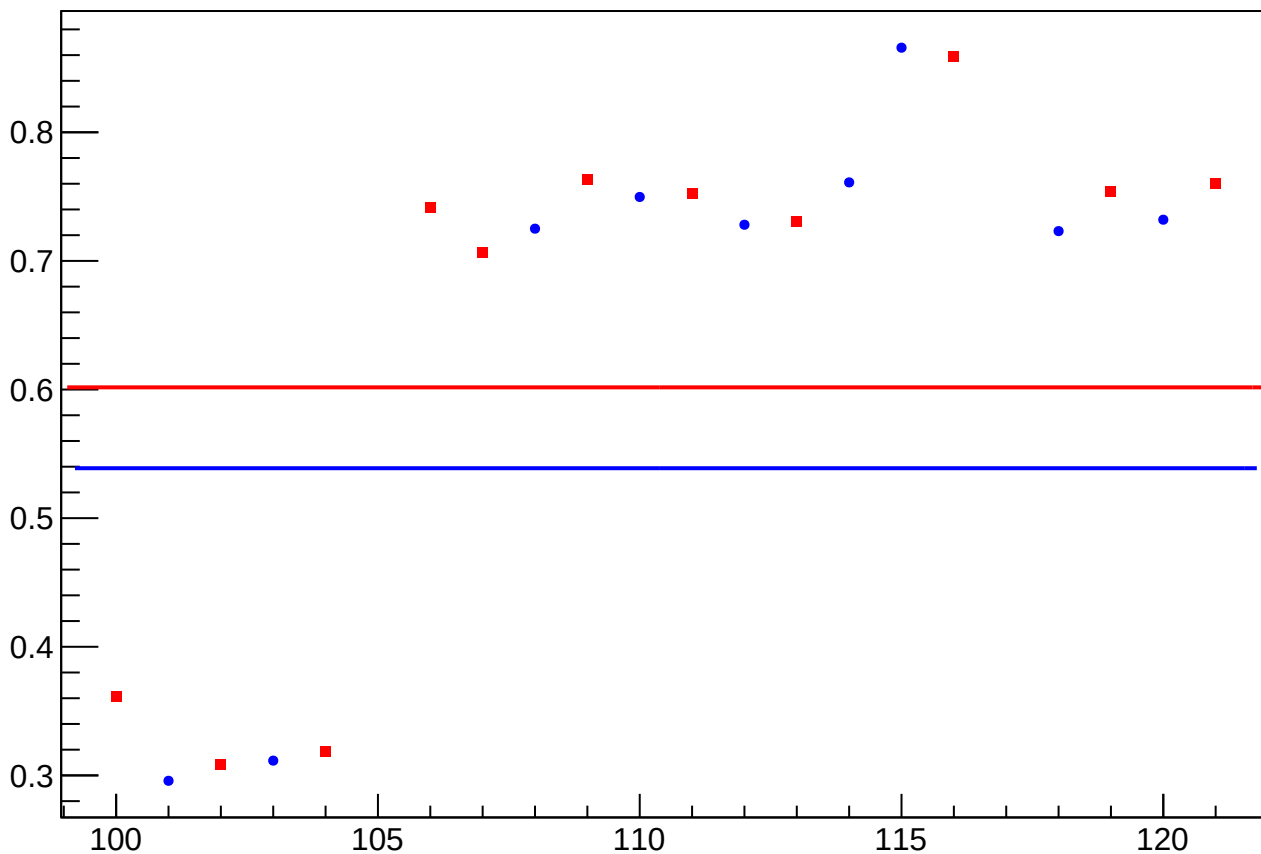
Right: 0.012+/-0.000 χ^2/NDF : 134736.4/19

In: 0.012+/-0.000 χ^2/NDF : 62141.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 134736.4/19

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.539+/-0.000 χ^2/NDF : 22156878644.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.602+/-0.000 χ^2/NDF : 26757411881.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

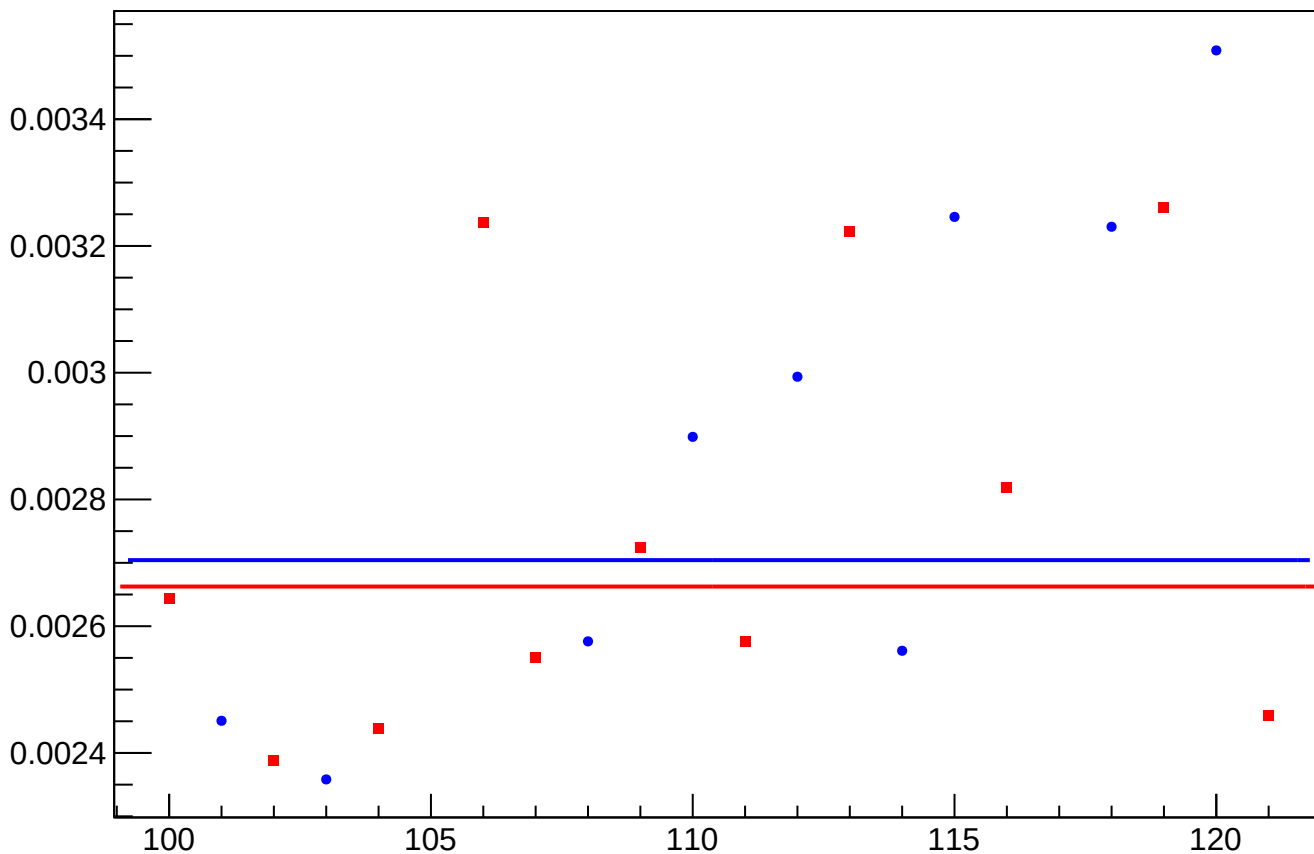
Right: 0.574+/-0.000 χ^2/NDF : 49940305137.3/19

In: 0.539+/-0.000 χ^2/NDF :22156878644.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.574+/-0.000 χ^2/NDF : 49940305137.3/19

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 119840.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 110319.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

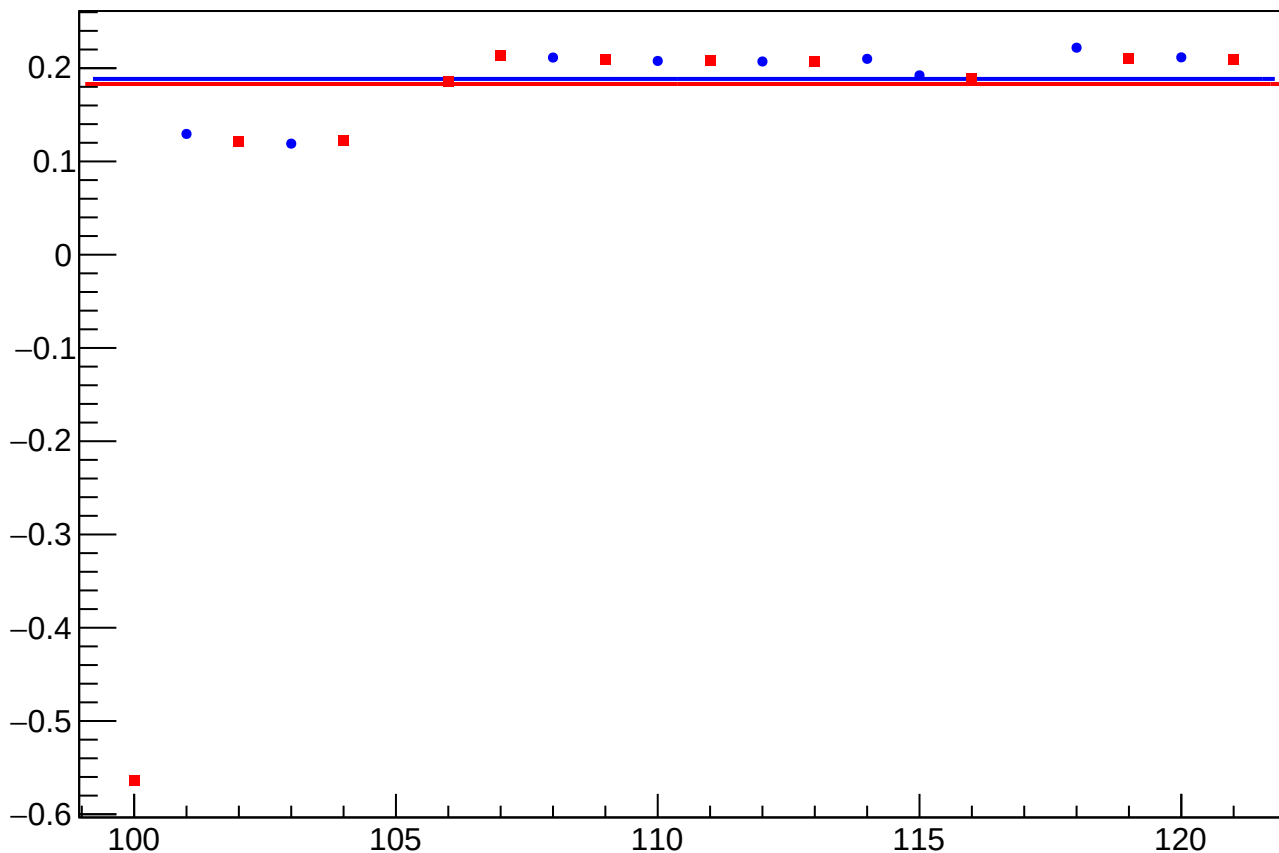
Right: 0.003+/-0.000 χ^2/NDF : 231060.9/19

In: 0.003+/-0.000 χ^2/NDF : 119840.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 231060.9/19

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.188+/-0.000 χ^2/NDF : 47490767.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.183+/-0.000 χ^2/NDF : 333466322.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

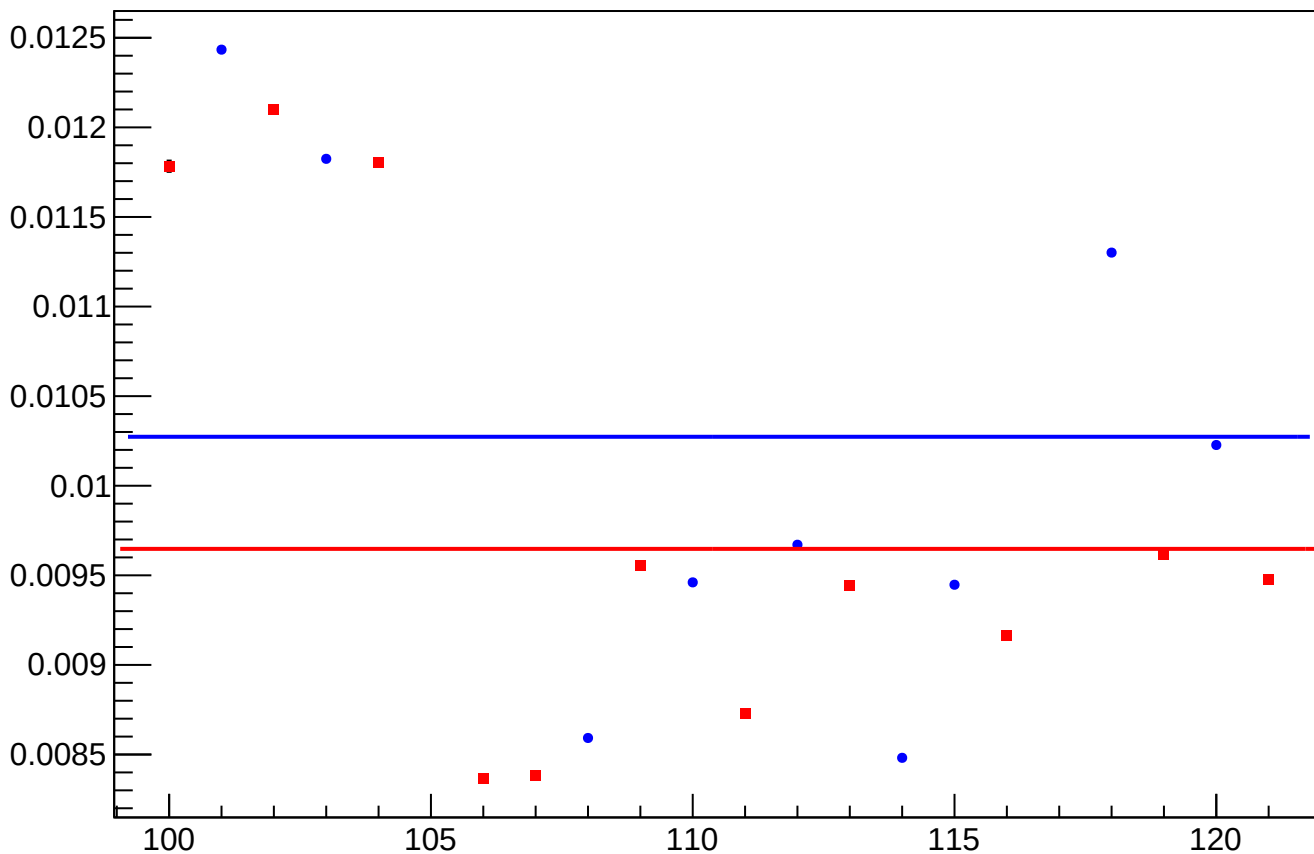
Right: 0.185+/-0.000 χ^2/NDF : 381533998.2/19

In: 0.188+/-0.000 χ^2/NDF :47490767.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.185+/-0.000 χ^2/NDF : 381533998.2/19

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 117805.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 127089.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

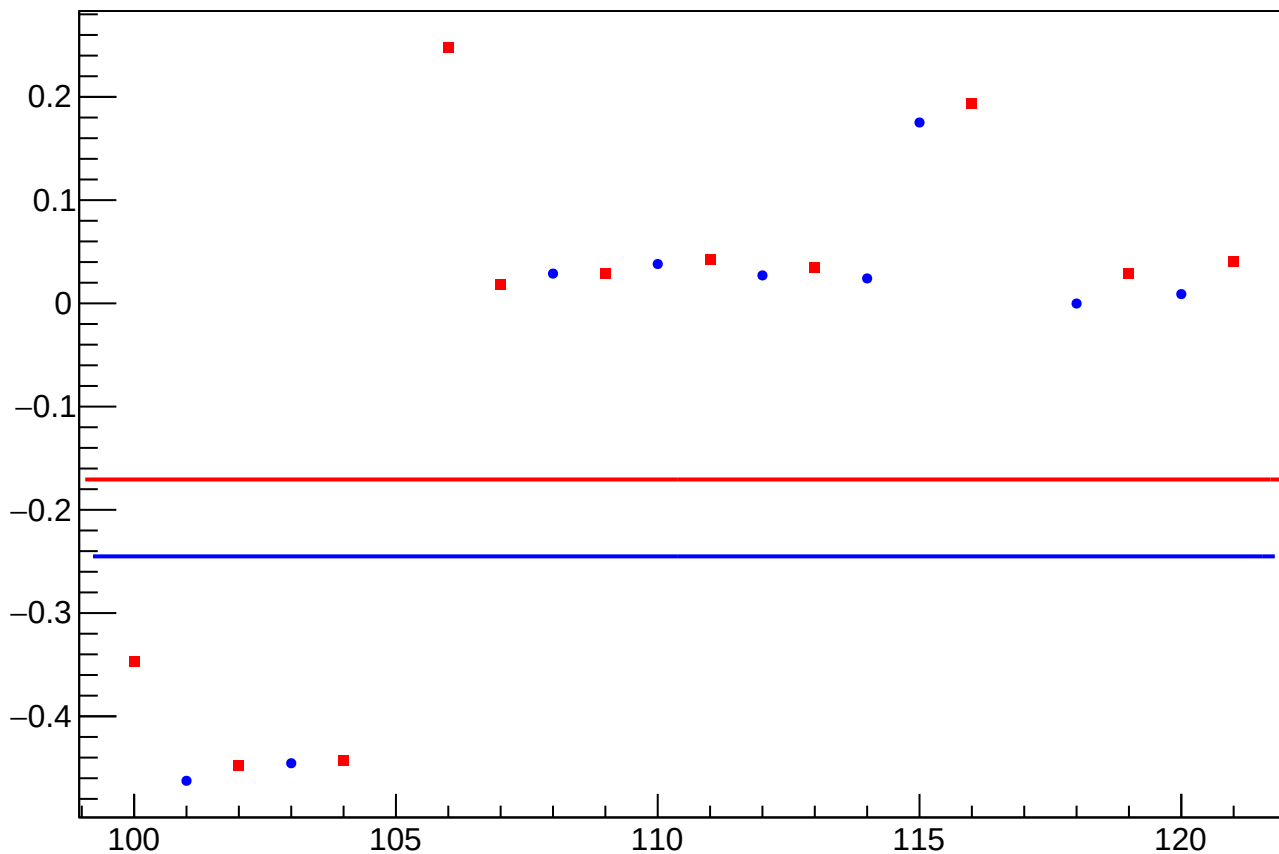
Right: 0.010+/-0.000 χ^2/NDF : 260034.1/19

In: 0.010+/-0.000 χ^2/NDF : 117805.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 260034.1/19

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 9733424065.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.171+/-0.000 χ^2/NDF : 12798927641.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

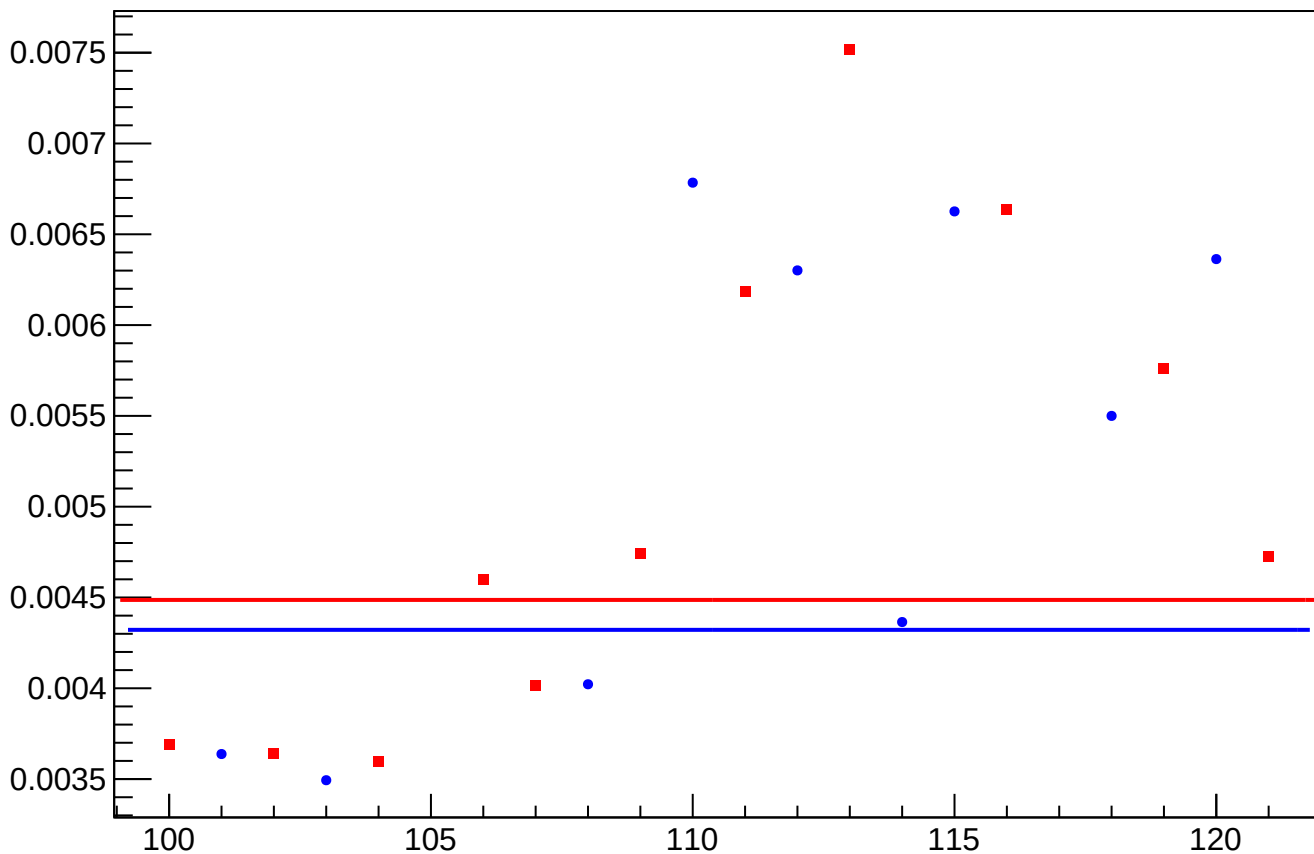
Right: -0.205+/-0.000 χ^2/NDF : 23037740316.7/19

In: -0.245+/-0.000 χ^2/NDF :9733424065.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.205+/-0.000 χ^2/NDF : 23037740316.7/19

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 427392.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 452271.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

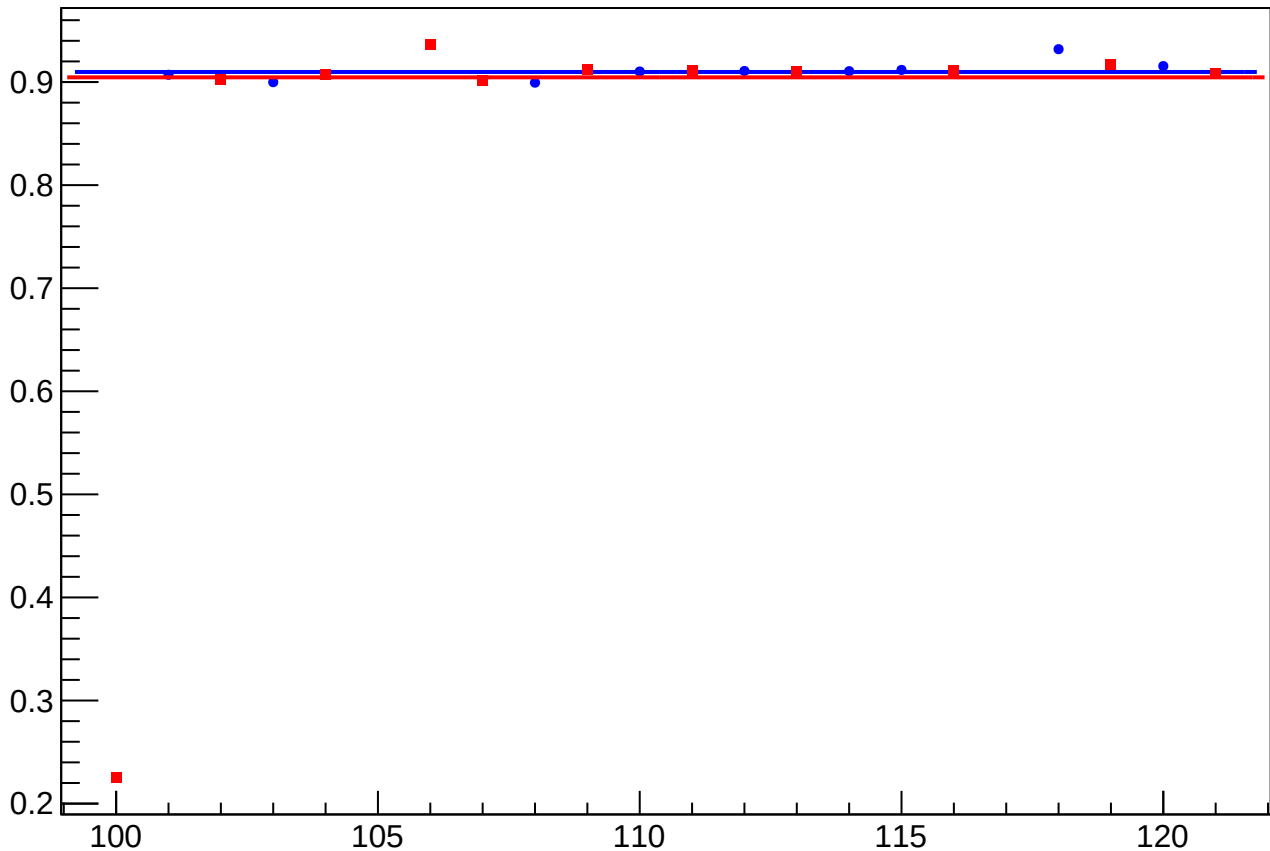
Right: 0.004+/-0.000 χ^2/NDF : 884610.5/19

In: 0.004+/-0.000 χ^2/NDF : 427392.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 884610.5/19

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 2388696.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.905+/-0.000 χ^2/NDF : 217671726.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

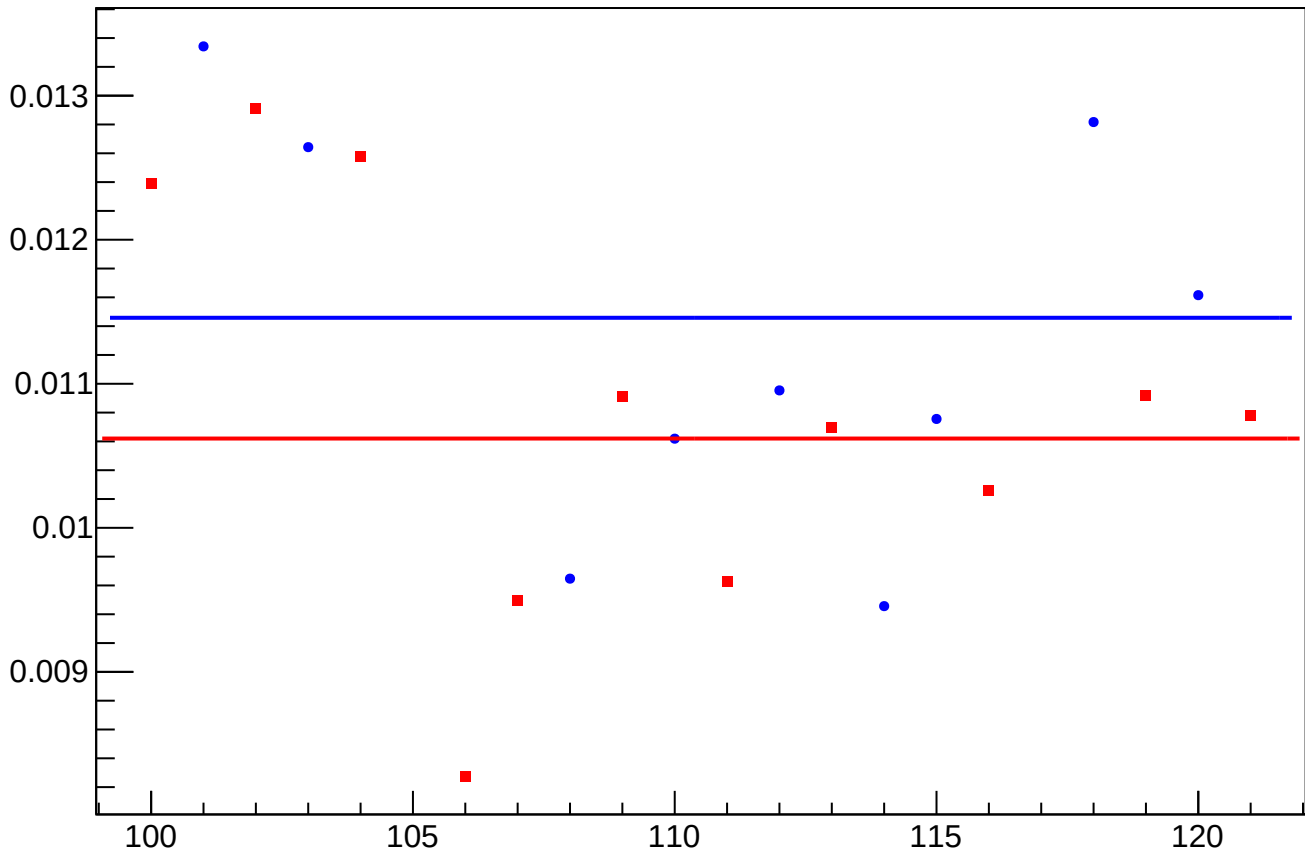
Right: 0.907+/-0.000 χ^2/NDF : 220487154.7/19

In: 0.910+/-0.000 χ^2/NDF : 2388696.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.907+/-0.000 χ^2/NDF : 220487154.7/19

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 91797.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 135170.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

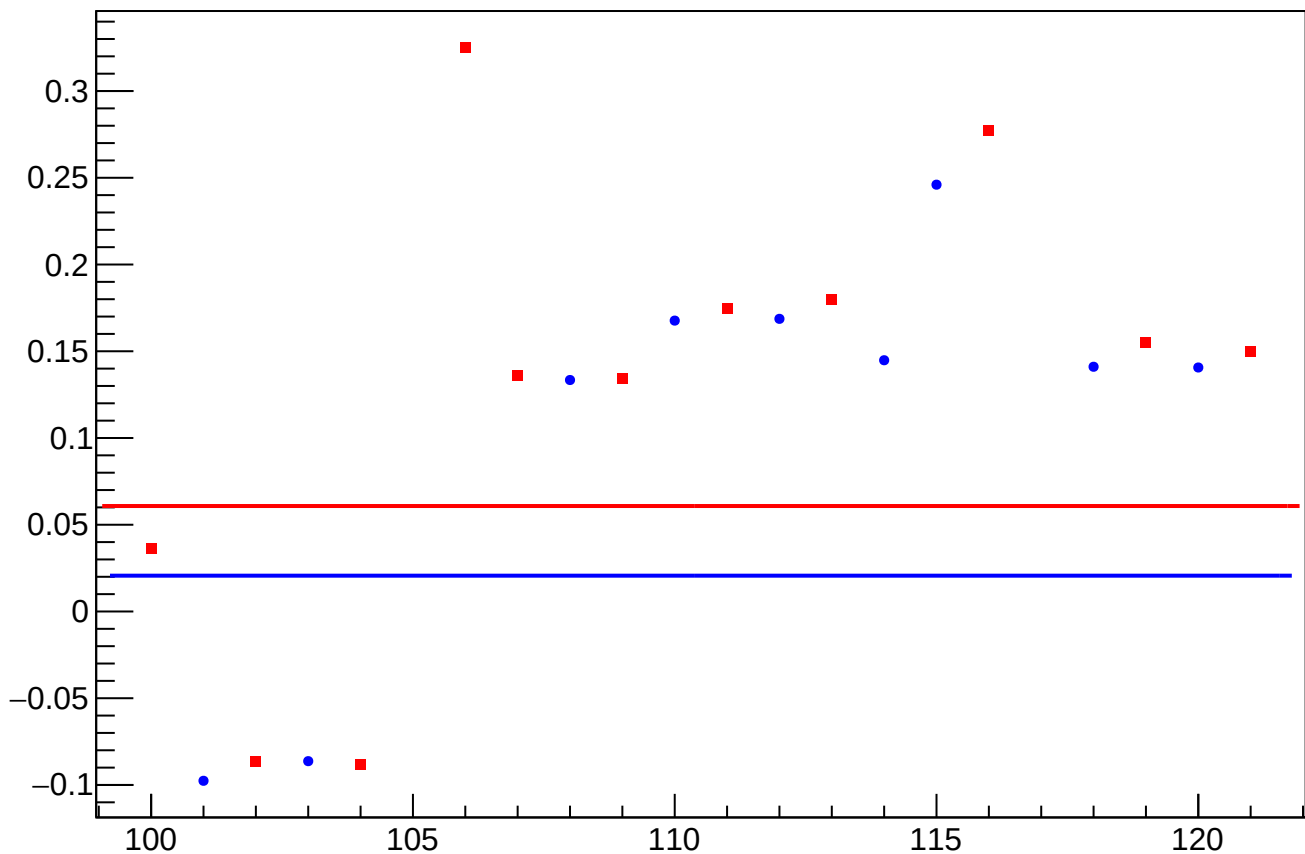
Right: 0.011+/-0.000 χ^2/NDF : 249058.1/19

In: 0.011+/-0.000 χ^2/NDF : 91797.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 249058.1/19

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000

χ^2/NDF : 2156206485.2/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.042+/-0.000

χ^2/NDF : 5330871698.4/19

Right Out: 0.061+/-0.000

χ^2/NDF : 3046350413.4/10

In: 0.021+/-0.000

χ^2/NDF : 2156206485.2/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

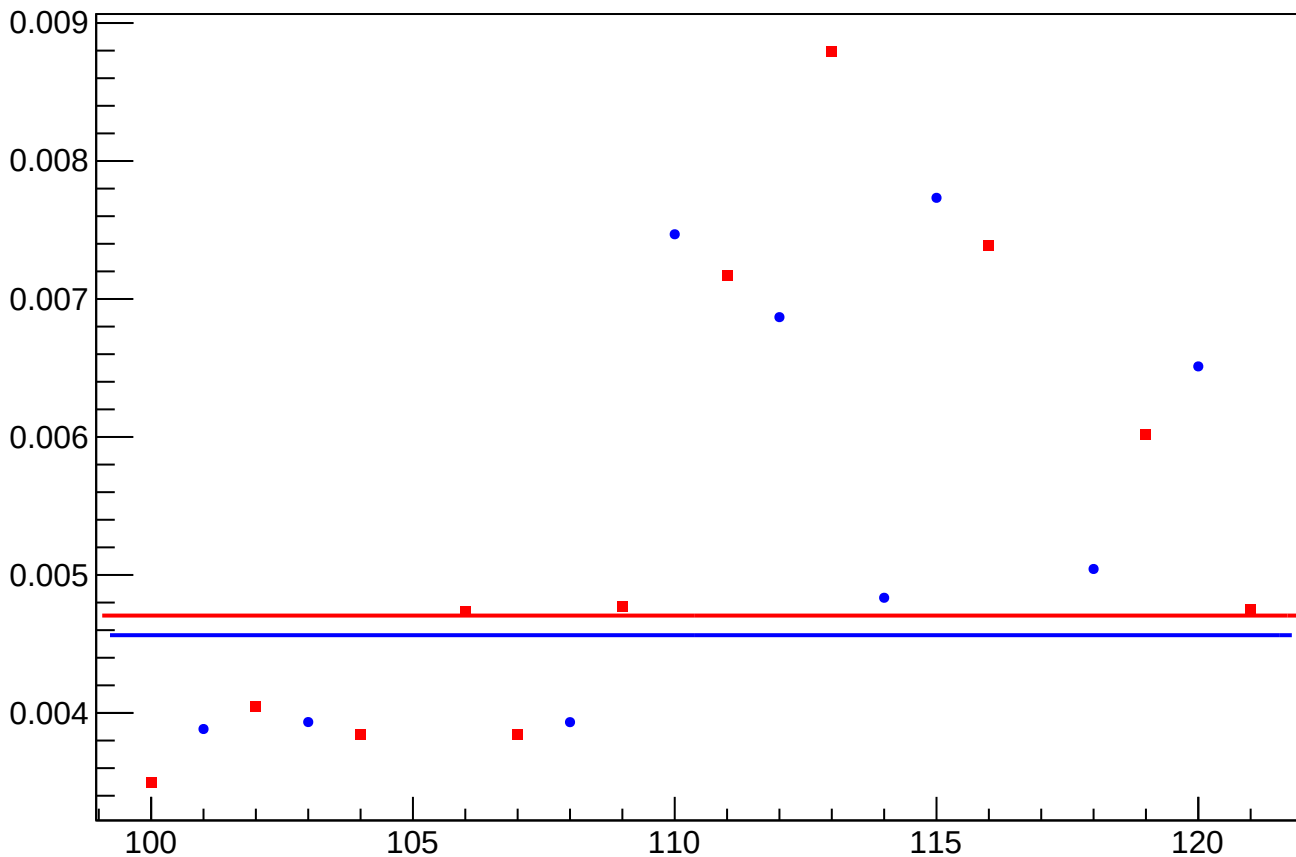
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.042+/-0.000

χ^2/NDF : 5330871698.4/19

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 384957.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 509598.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

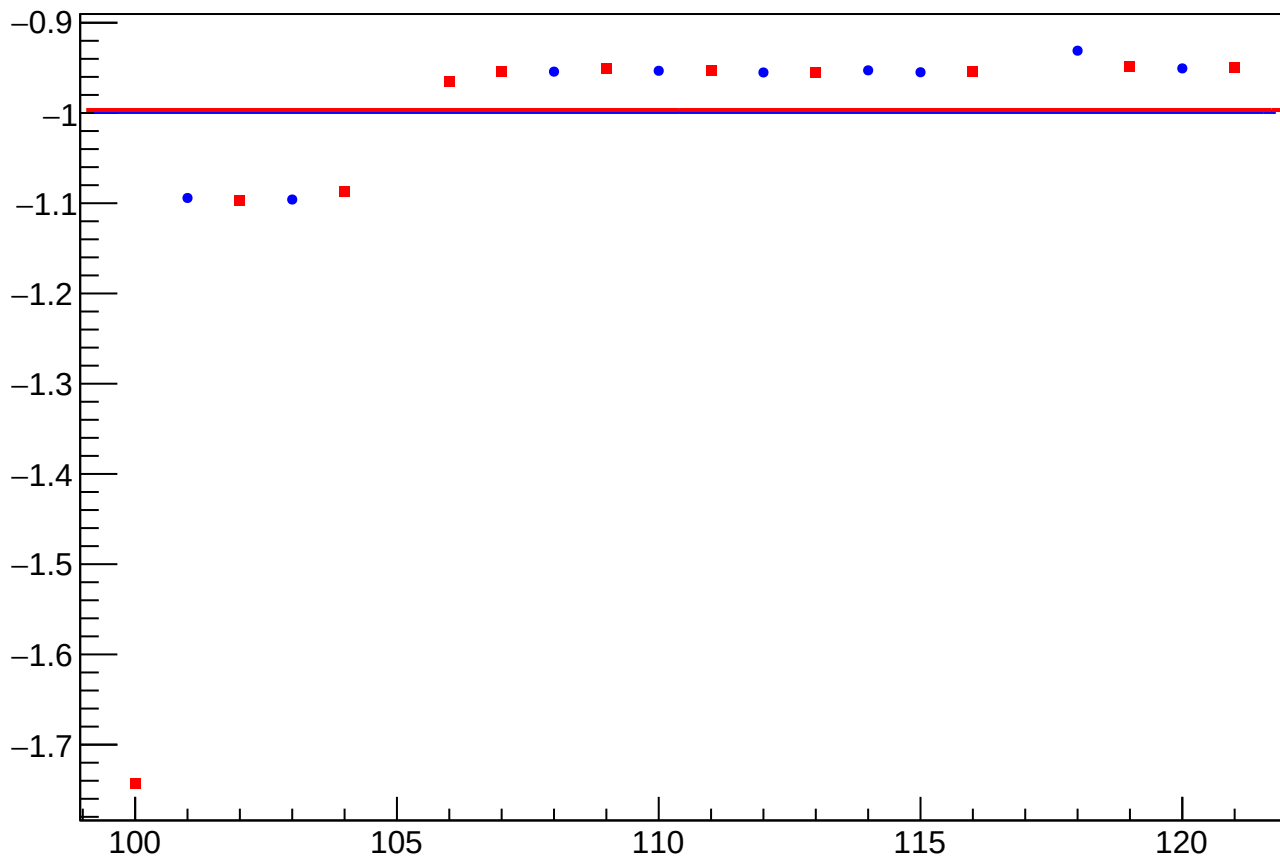
Right: 0.005+/-0.000 χ^2/NDF : 897775.8/19

In: 0.005+/-0.000 χ^2/NDF : 384957.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 897775.8/19

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.999+/-0.000 χ^2/NDF : 113507397.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.997+/-0.000 χ^2/NDF : 414062772.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

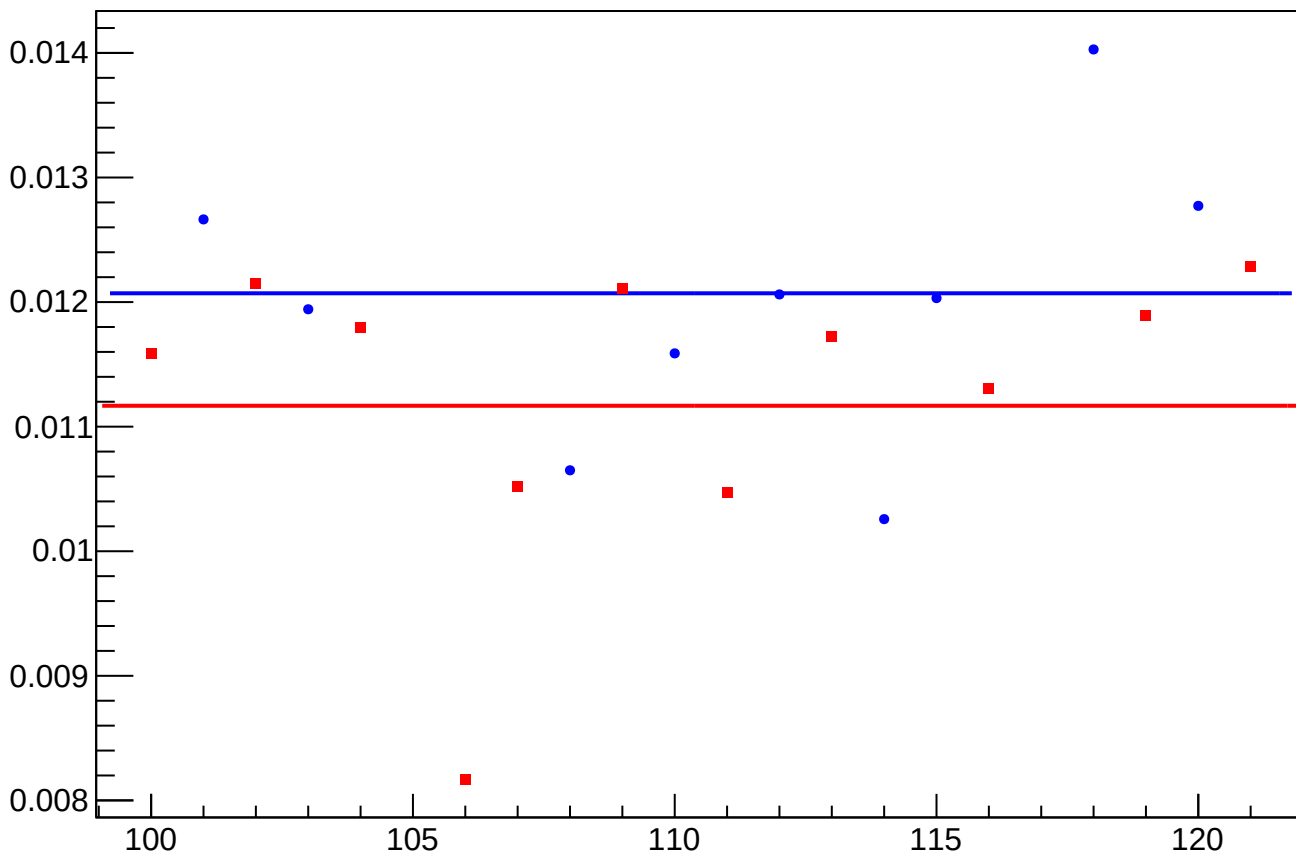
Right: -0.998+/-0.000 χ^2/NDF : 527635275.7/19

In: -0.999+/-0.000 χ^2/NDF : 113507397.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.998+/-0.000 χ^2/NDF : 527635275.7/19

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 45965.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 121017.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

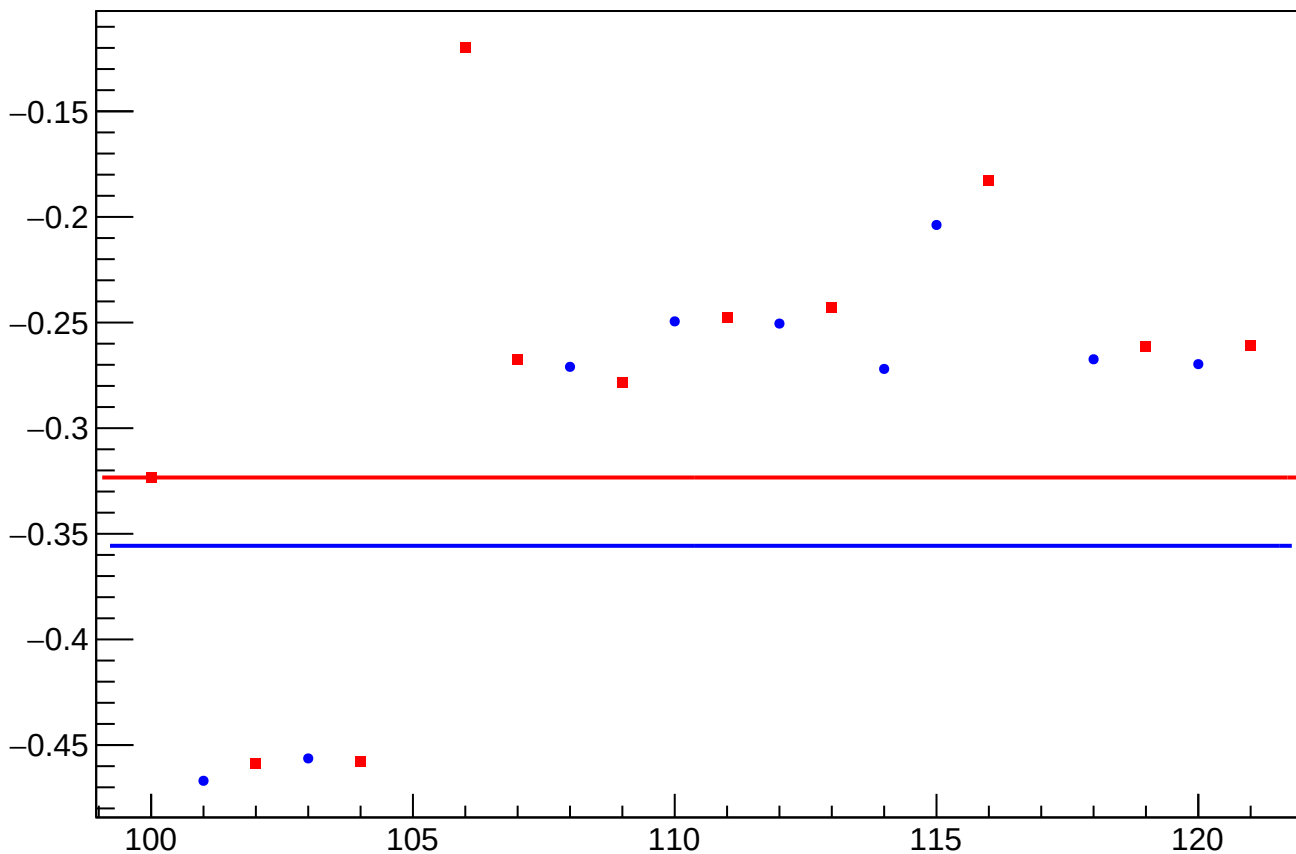
Right: 0.012+/-0.000 χ^2/NDF : 190161.1/19

In: 0.012+/-0.000 χ^2/NDF :45965.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 190161.1/19

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.356+/-0.000 χ^2/NDF : 1925751419.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.323+/-0.000 χ^2/NDF : 2465842008.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

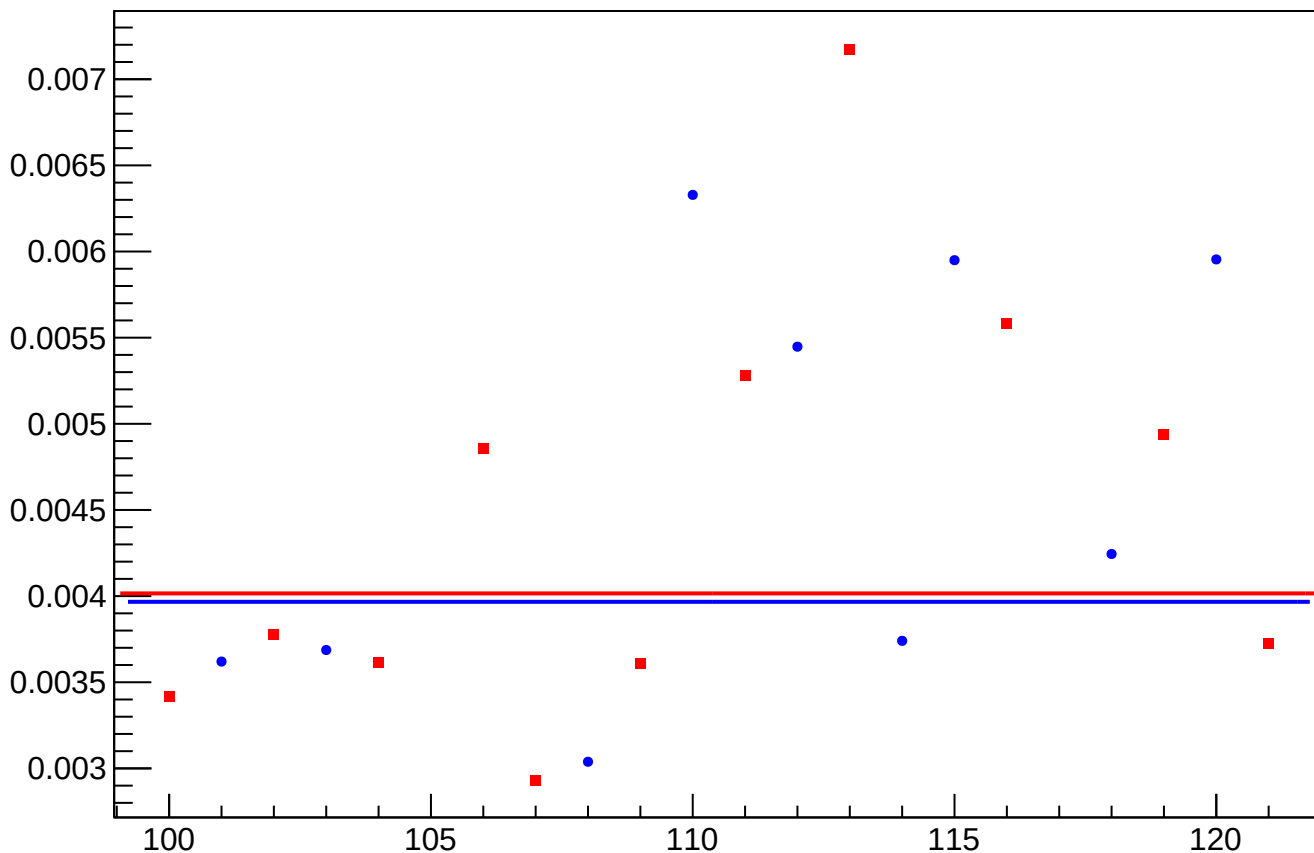
Right: -0.338+/-0.000 χ^2/NDF : 4503532155.0/19

In: -0.356+/-0.000 χ^2/NDF : 1925751419.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.338+/-0.000 χ^2/NDF : 4503532155.0/19

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 340642.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 395485.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

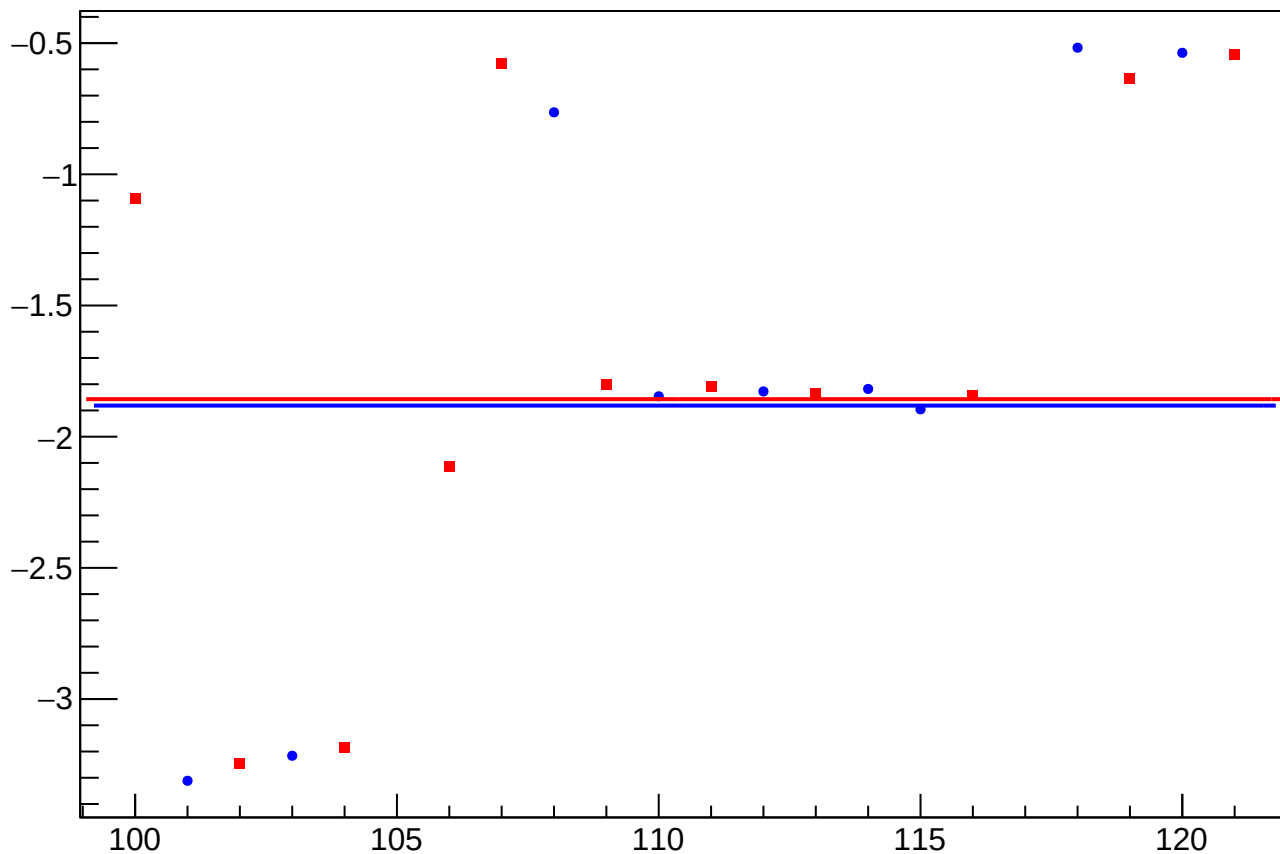
Right: 0.004+/-0.000 χ^2/NDF : 736641.3/19

In: 0.004+/-0.000 χ^2/NDF :340642.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 736641.3/19

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.881+/-0.000 χ^2/NDF : 859690673.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.857+/-0.000 χ^2/NDF : 771005413.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

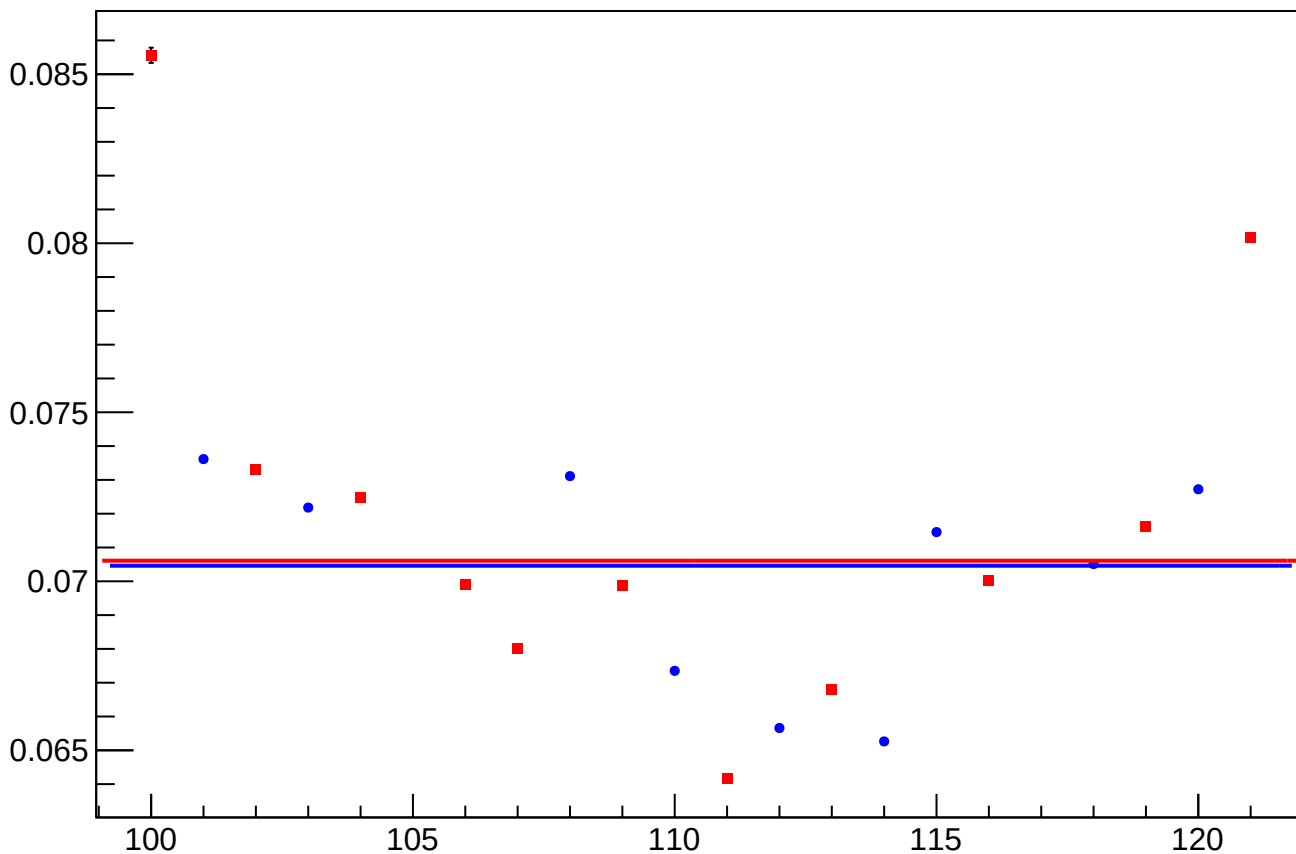
Right: -1.868+/-0.000 χ^2/NDF : 1630938645.0/19

In: -1.881+/-0.000 χ^2/NDF :859690673.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.868+/-0.000 χ^2/NDF : 1630938645.0/1

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 13193.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 31860.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

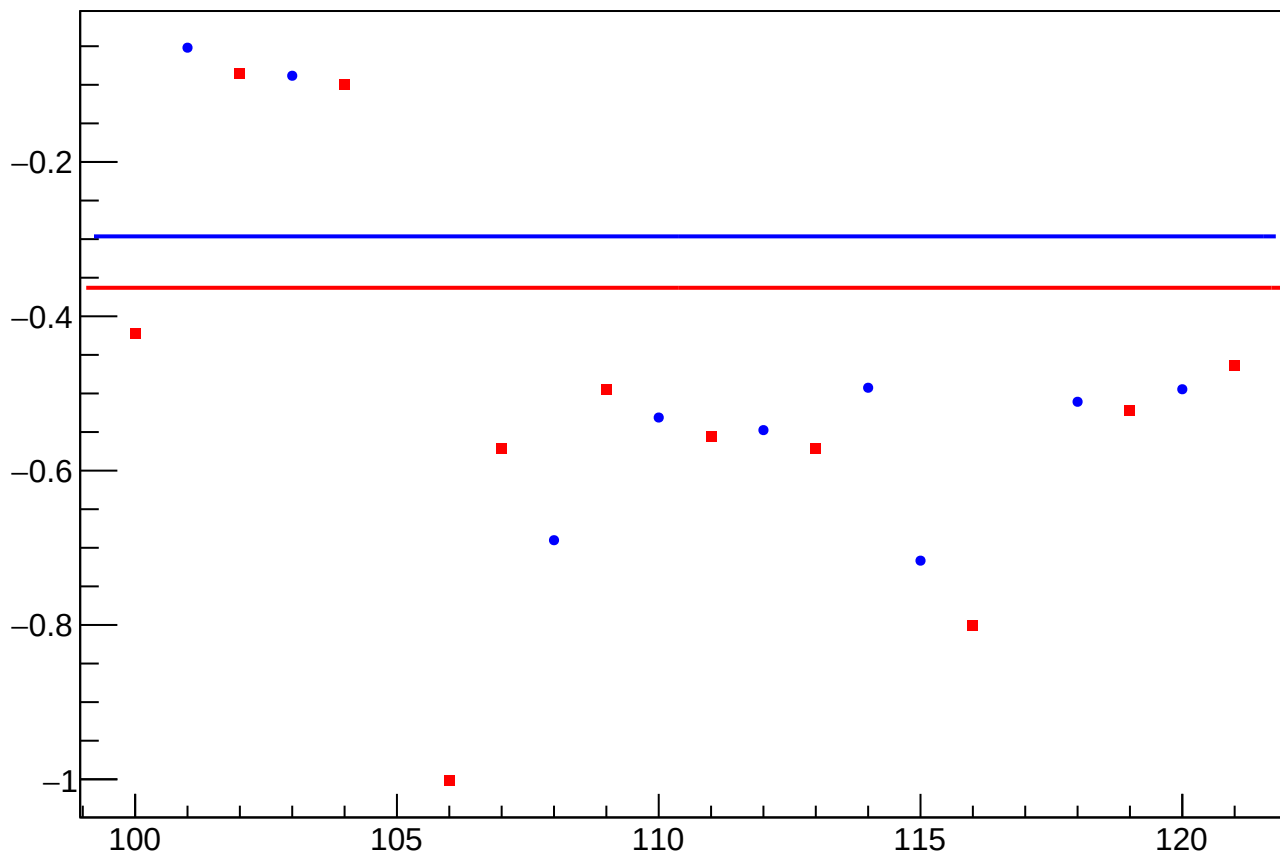
Right: 0.071+/-0.000 χ^2/NDF : 45071.6/19

In: 0.070+/-0.000 χ^2/NDF : 13193.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.000 χ^2/NDF : 45071.6/19

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.296+/-0.000 χ^2/NDF : 1722211495.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.363+/-0.000 χ^2/NDF : 2475978142.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

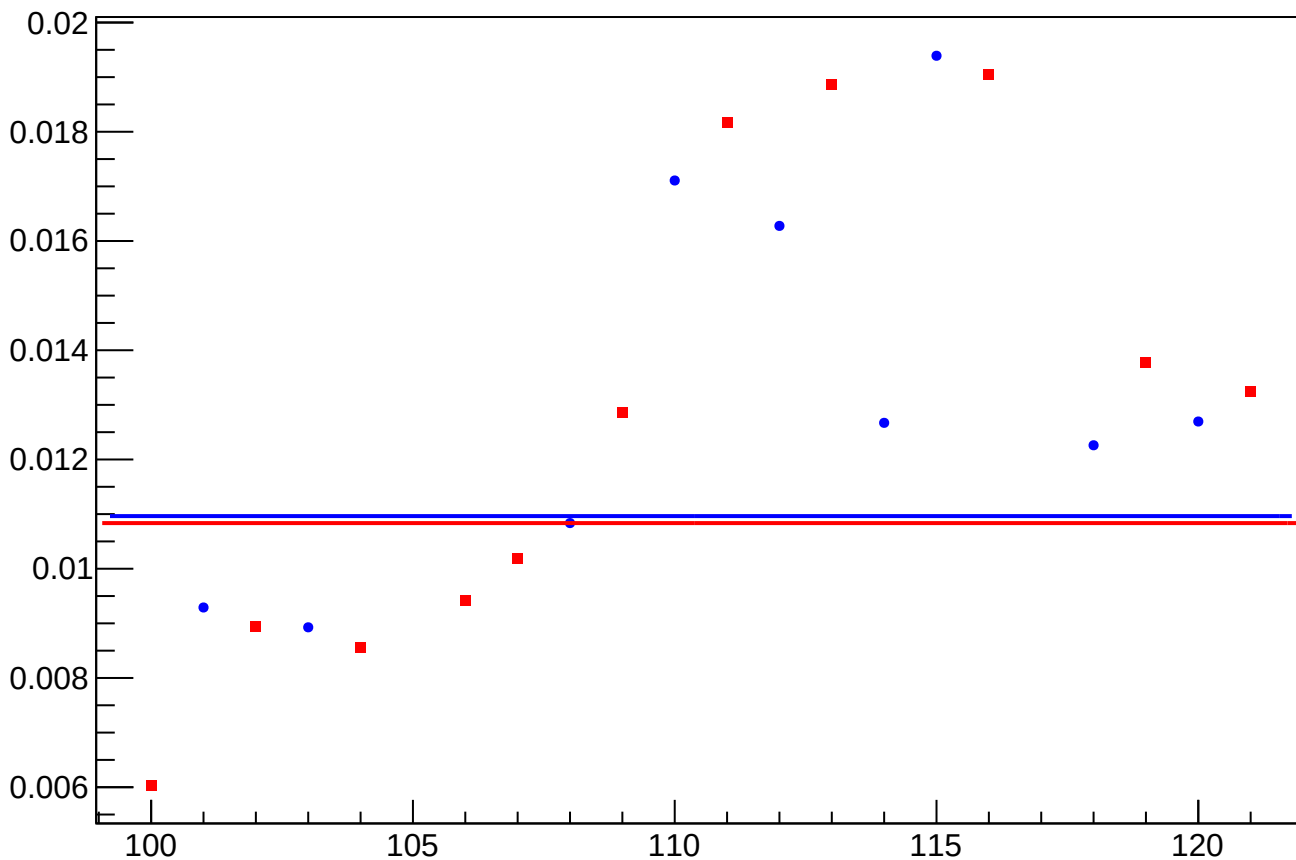
Right: -0.333+/-0.000 χ^2/NDF : 4263363326.5/19

In: -0.296+/-0.000 χ^2/NDF :1722211495.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.333+/-0.000 χ^2/NDF : 4263363326.5/19

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 353821.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 707012.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

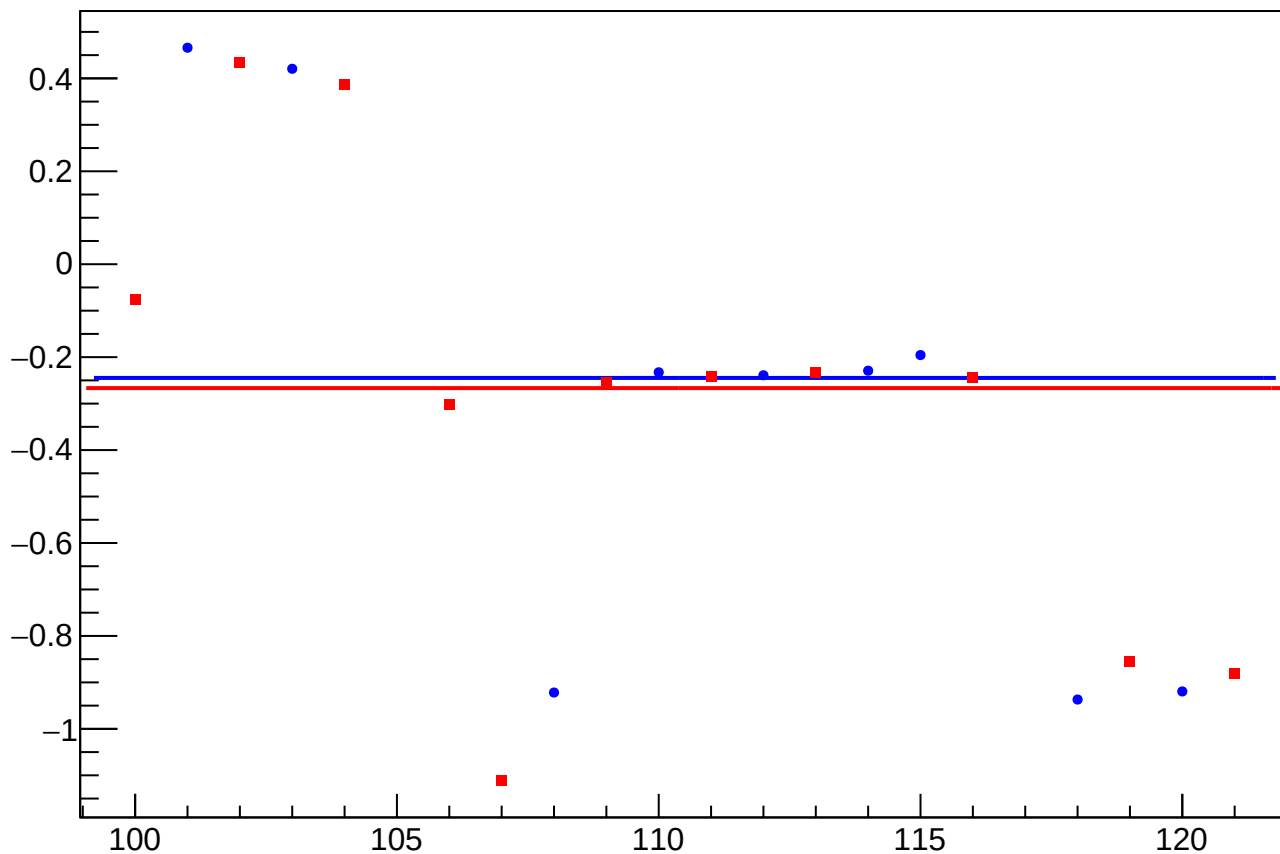
Right: 0.011+/-0.000 χ^2/NDF : 1061315.3/19

In: 0.011+/-0.000 χ^2/NDF : 353821.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1061315.3/19

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 151846401.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.267+/-0.000 χ^2/NDF : 135301863.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

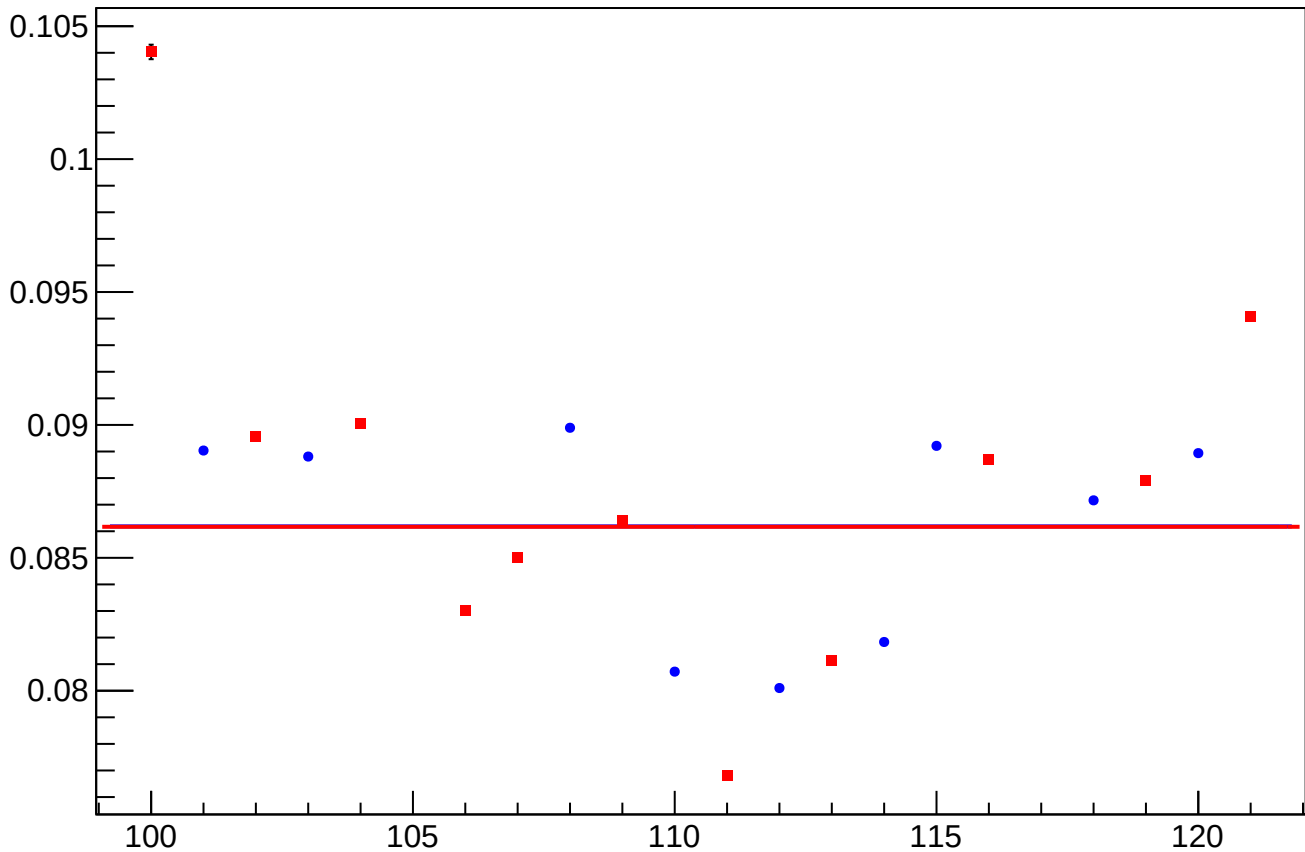
Right: -0.257+/-0.000 χ^2/NDF : 287278478.8/19

In: -0.245+/-0.000 χ^2/NDF :151846401.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.257+/-0.000 χ^2/NDF : 287278478.8/19

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 14717.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 32933.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

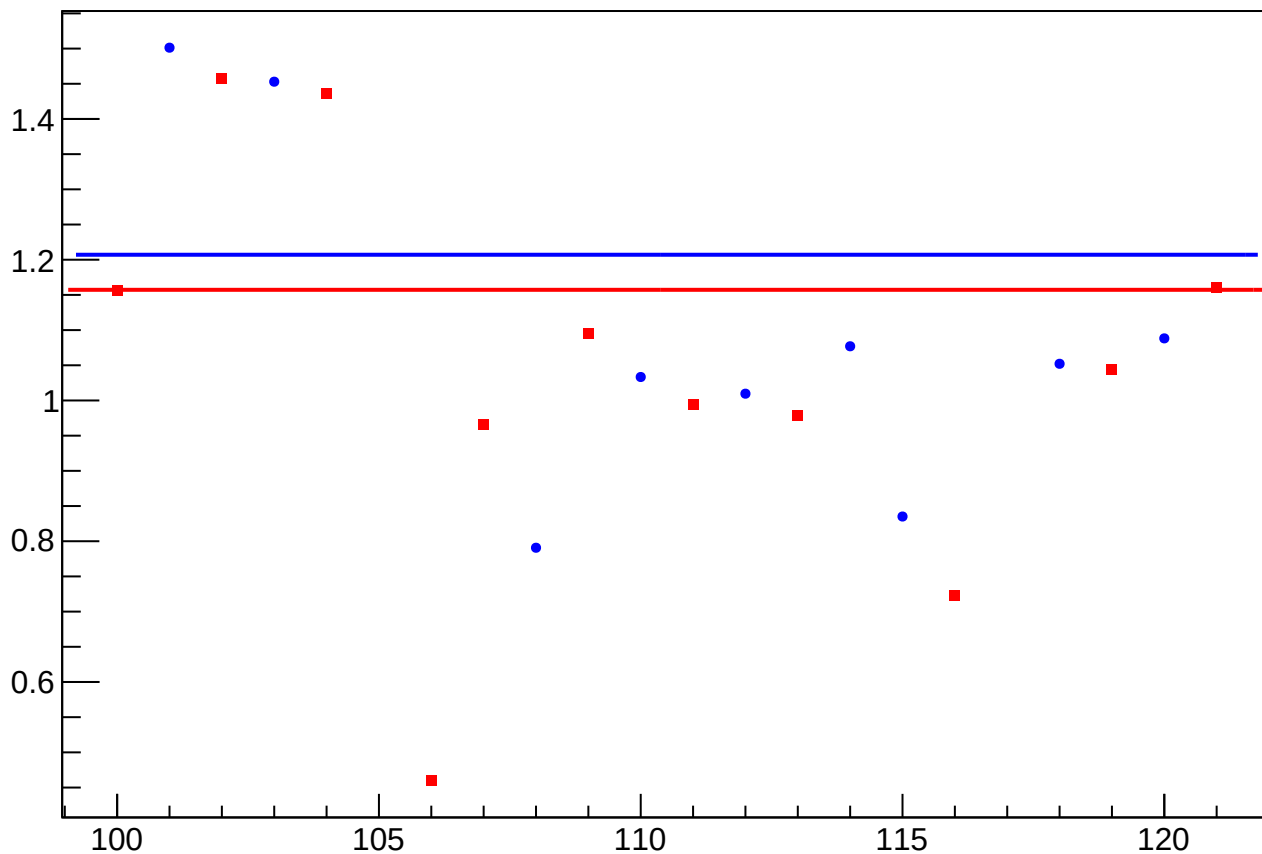
Right: 0.086+/-0.000 χ^2/NDF : 47651.0/19

In: 0.086+/-0.000 χ^2/NDF : 14717.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 47651.0/19

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.207+/-0.000

χ^2/NDF : 1051486538.3/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.181+/-0.000

χ^2/NDF : 2475502241.3/19

Right Out: 1.157+/-0.000

χ^2/NDF : 1403438872.4/10

In: 1.207+/-0.000

χ^2/NDF : 1051486538.3/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

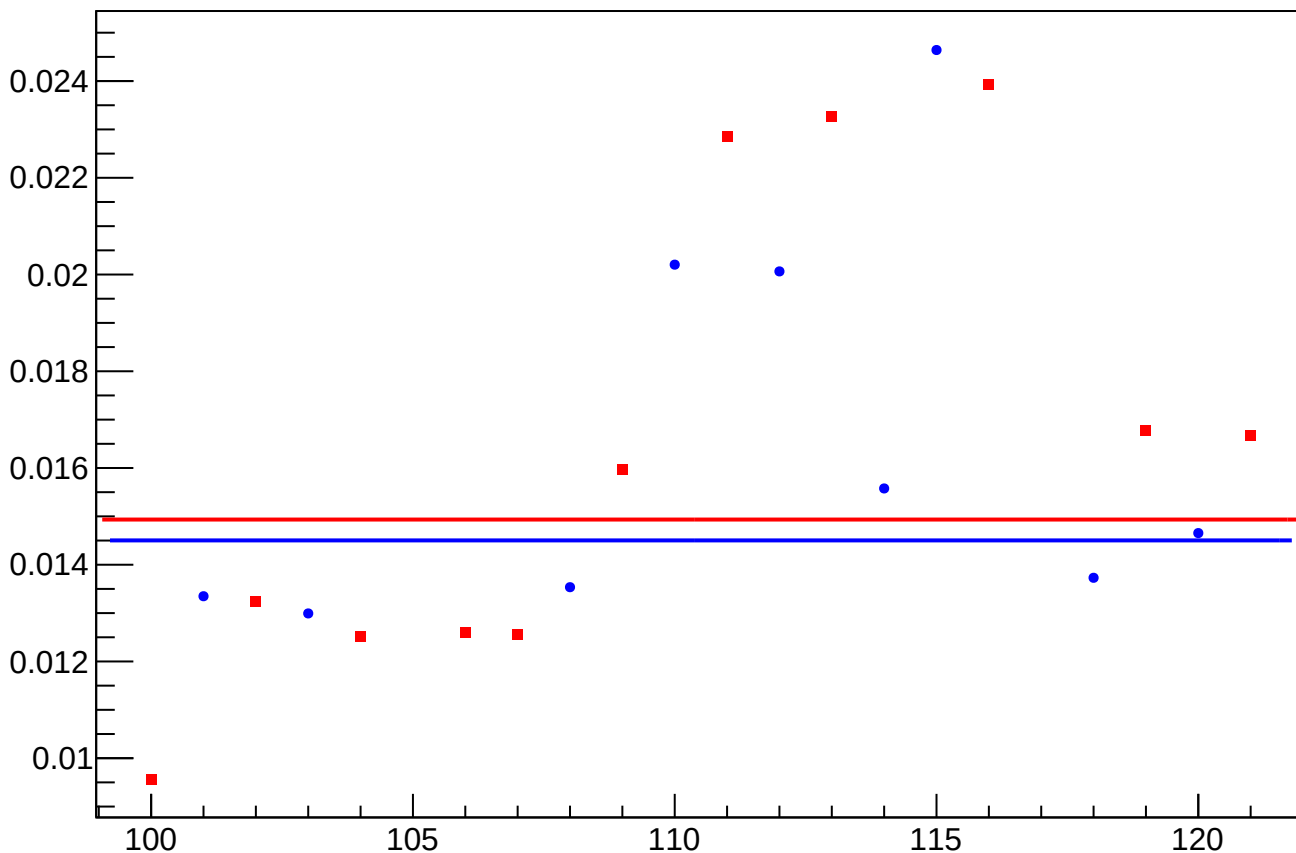
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.181+/-0.000

χ^2/NDF : 2475502241.3/19

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 193599.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 432456.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

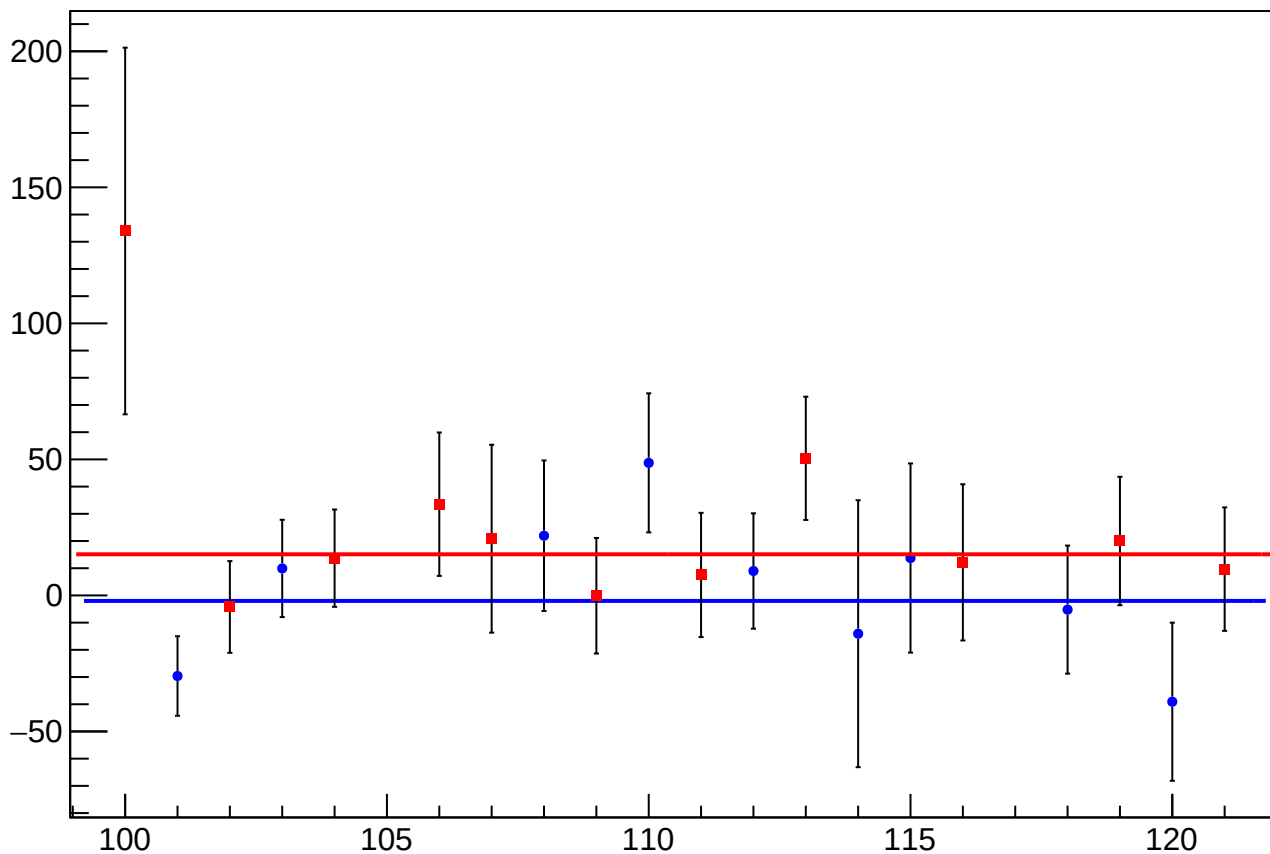
Right: 0.015+/-0.000 χ^2/NDF : 629139.3/19

In: 0.015+/-0.000 χ^2/NDF : 193599.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 629139.3/19

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.013+/-7.648 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.113+/-7.040 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

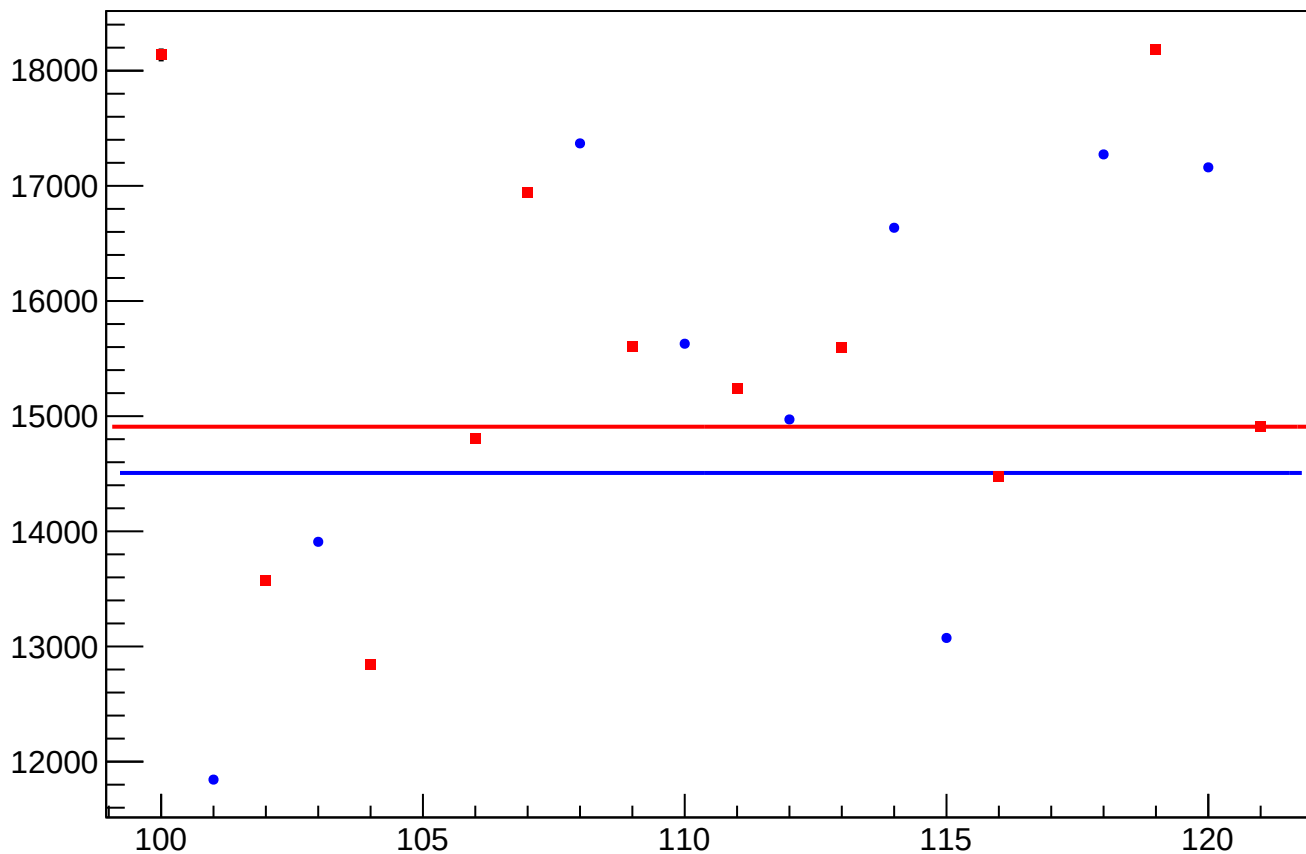
Right: 7.258+/-5.179 χ^2/NDF : 21.7/19

In: -2.013+/-7.648 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.258+/-5.179 χ^2/NDF : 21.7/19

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14506.946+/-5.408 χ^2/NDF : 146236.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14908.466+/-4.978 χ^2/NDF : 94120.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

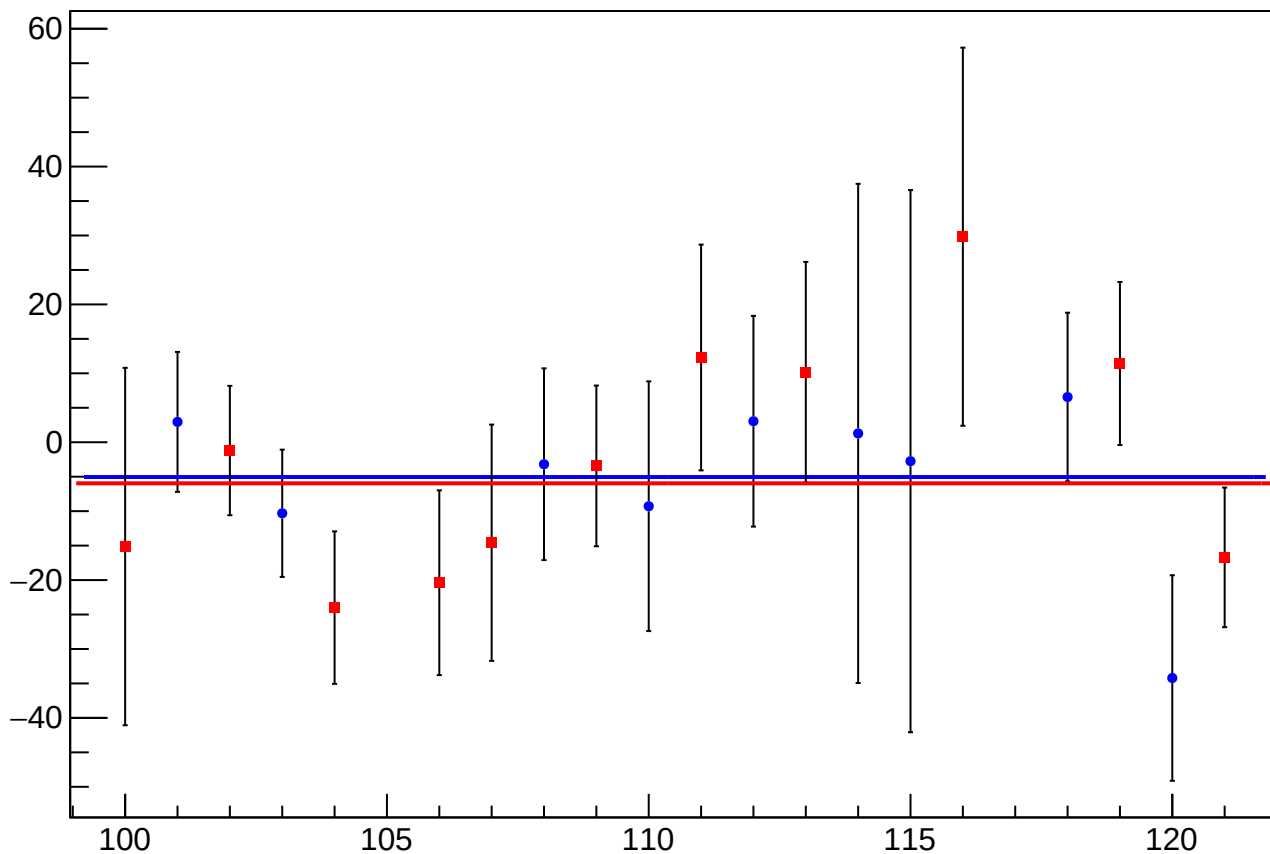
Right: 14724.298+/-3.662 χ^2/NDF : 243341.2/19

In: 14506.946+/-5.408 χ^2/NDF : 146236.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14724.298+/-3.662 χ^2/NDF : 243341.2/19

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -5.049+/-4.637 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.958+/-3.978 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

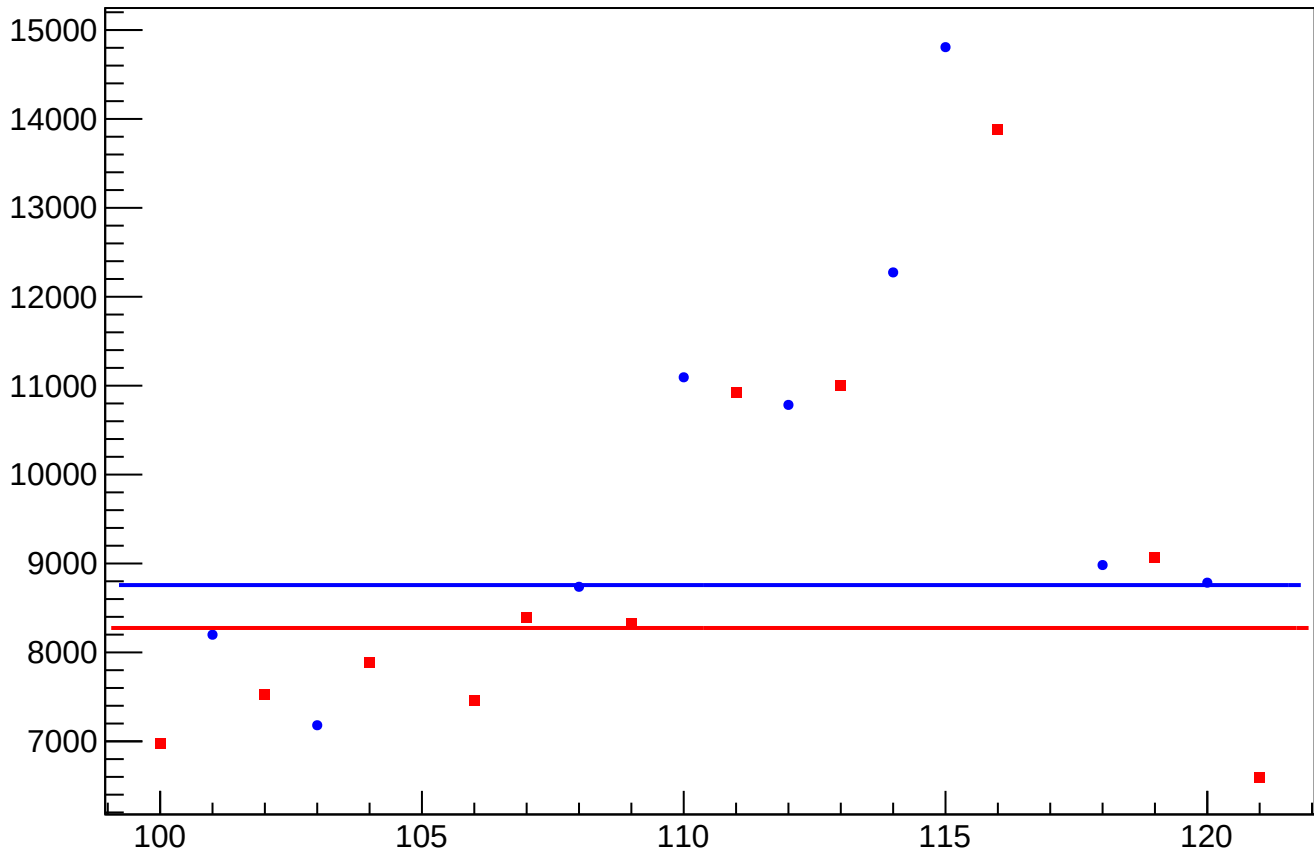
Right: -5.573+/-3.019 χ^2/NDF : 17.8/19

In: -5.049+/-4.637 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.573+/-3.019 χ^2/NDF : 17.8/19

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8757.283+/-3.279 χ^2/NDF : 199615.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8274.715+/-2.813 χ^2/NDF : 284965.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

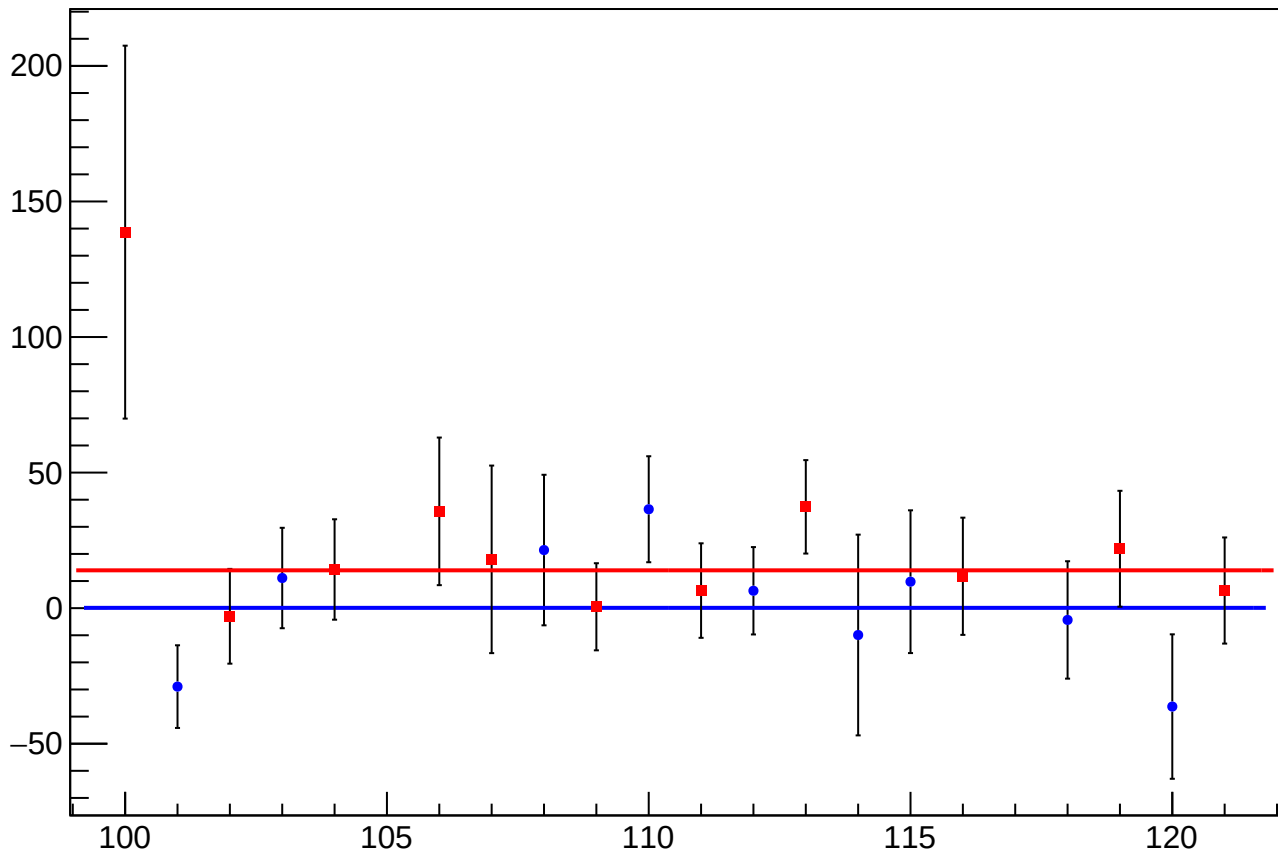
Right: 8479.294+/-2.135 χ^2/NDF : 497057.7/19

In: 8757.283+/-3.279 χ^2/NDF : 199615.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8479.294+/-2.135 χ^2/NDF : 497057.7/19

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.111+/-6.951 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.951+/-6.195 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

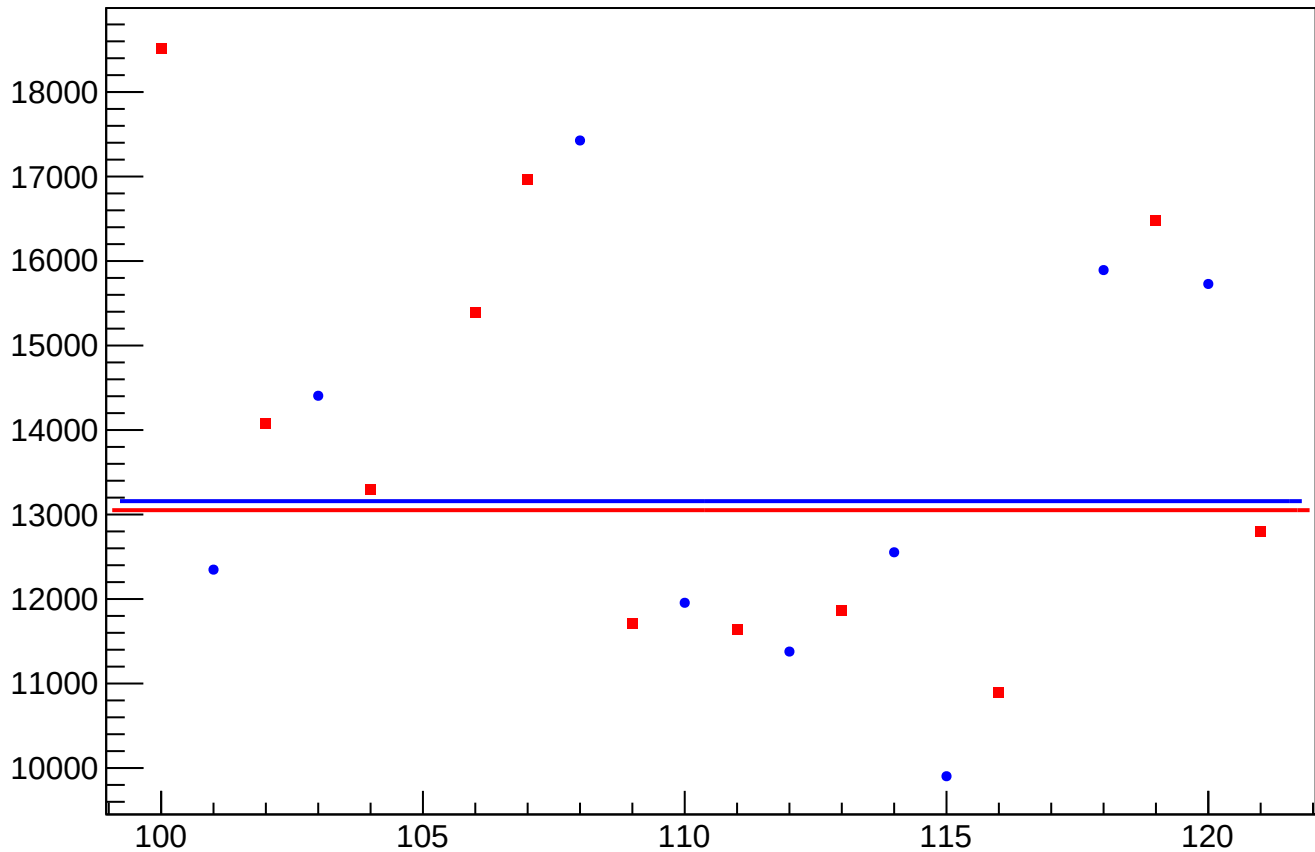
Right: 7.825+/-4.625 χ^2/NDF : 20.4/19

In: 0.111+/-6.951 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.825+/-4.625 χ^2/NDF : 20.4/19

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13158.286+/-4.915 χ^2/NDF : 175600.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13051.520+/-4.380 χ^2/NDF : 168443.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

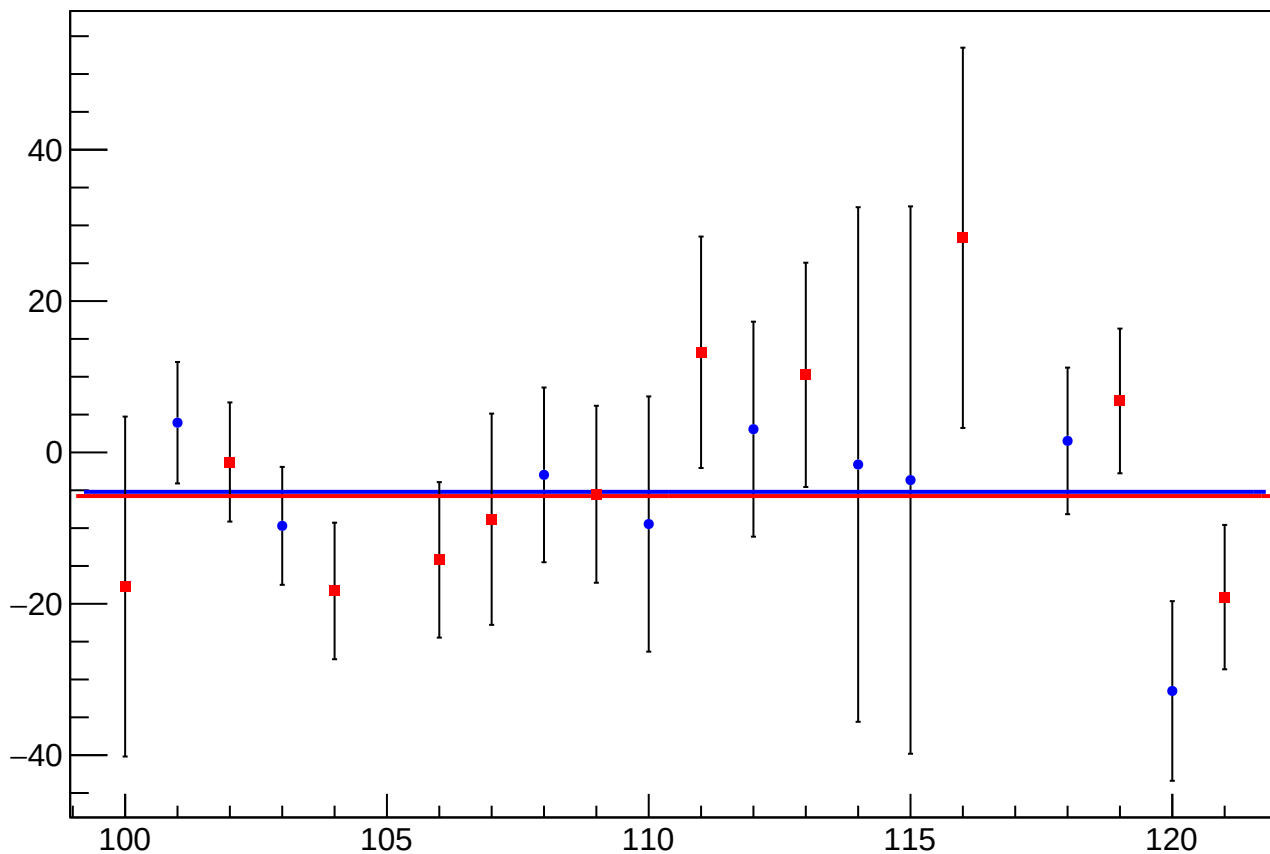
Right: 13098.780+/-3.270 χ^2/NDF : 344306.3/19

In: 13158.286+/-4.915 χ^2/NDF : 175600.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13098.780+/-3.270 χ^2/NDF : 344306.3/19

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -5.205+/-3.853 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.765+/-3.436 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

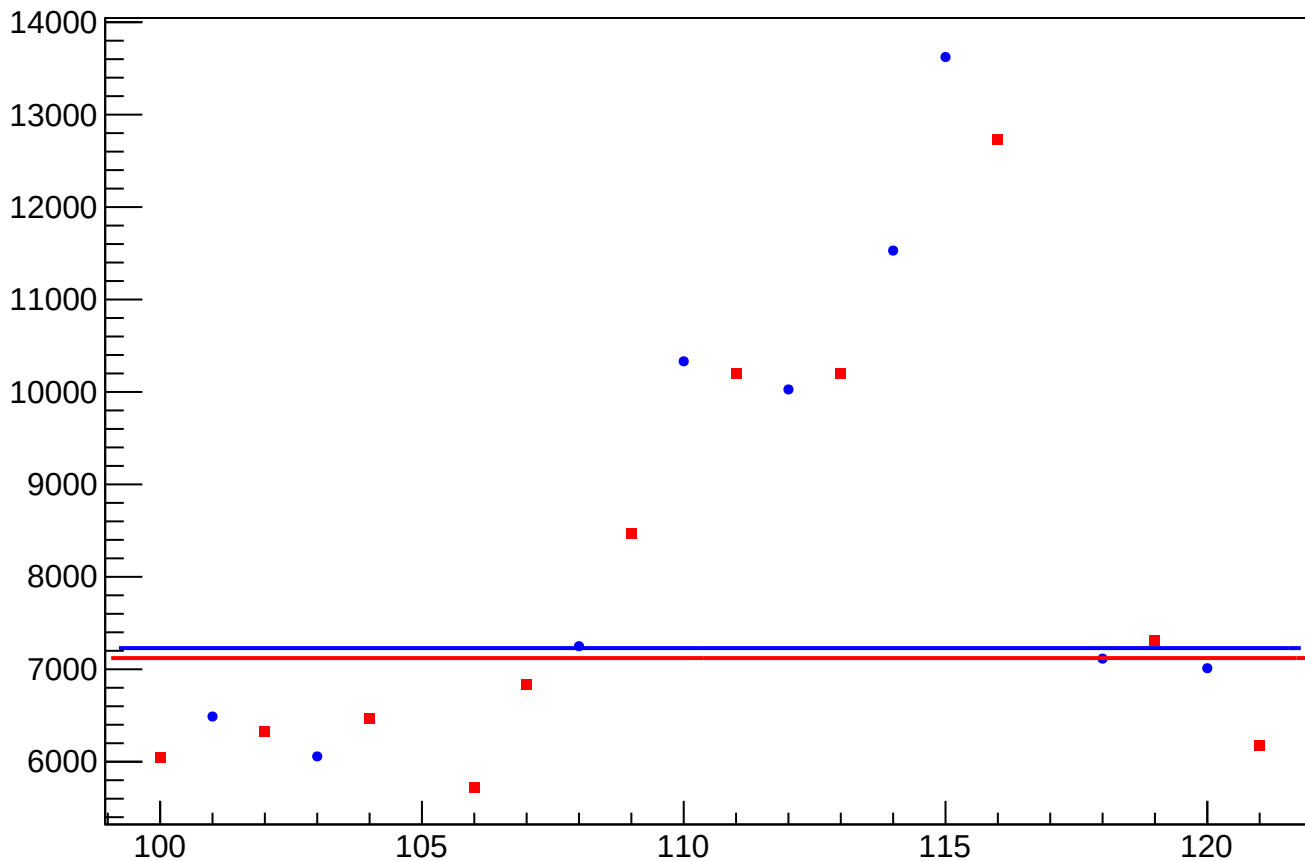
Right: -5.517+/-2.564 χ^2/NDF : 19.0/19

In: -5.205+/-3.853 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.517+/-2.564 χ^2/NDF : 19.0/19

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7229.040+/-2.724 χ^2/NDF : 303026.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7121.083+/-2.430 χ^2/NDF : 386799.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

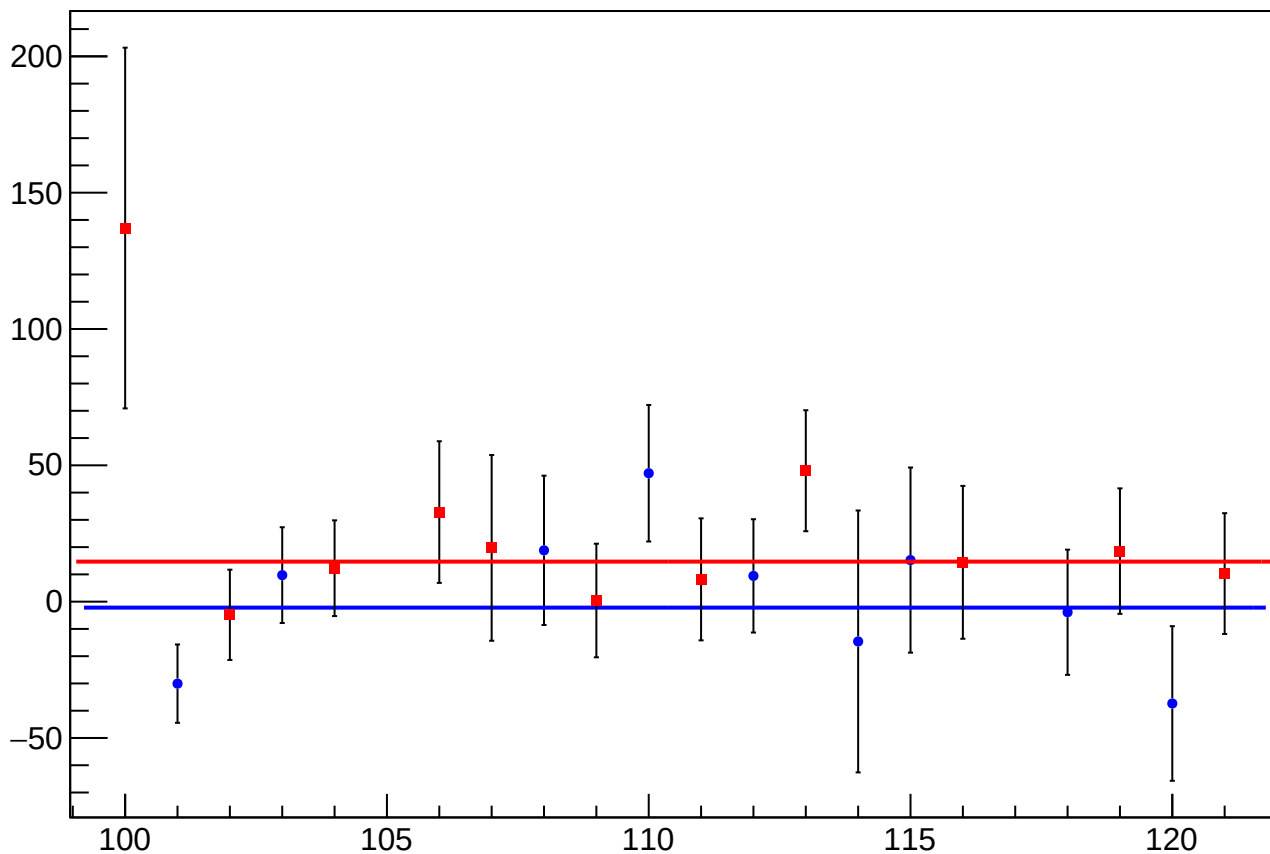
Right: 7168.914+/-1.813 χ^2/NDF : 690701.3/19

In: 7229.040+/-2.724 χ^2/NDF : 303026.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7168.914+/-1.813 χ^2/NDF : 690701.3/19

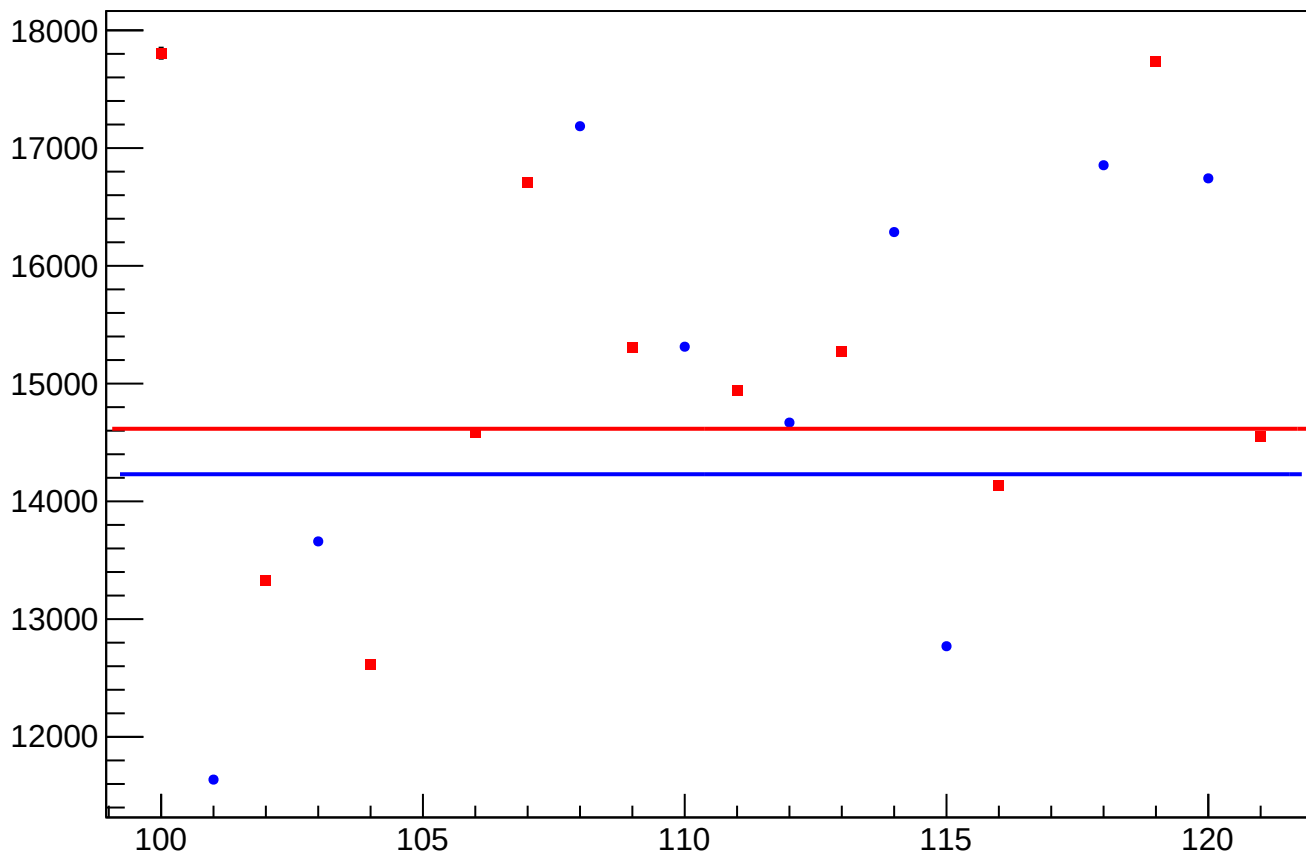
diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.188+/-7.501 χ^2/NDF : 10.9/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 14.686+/-6.901 χ^2/NDF : 8.2/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 6.950+/-5.079 χ^2/NDF : 21.8/19
In: -2.188+/-7.501 χ^2/NDF : 10.9/8
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 6.950+/-5.079 χ^2/NDF : 21.8/19

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14230.312+/-5.304 χ^2/NDF : 144376.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14616.406+/-4.880 χ^2/NDF : 92095.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

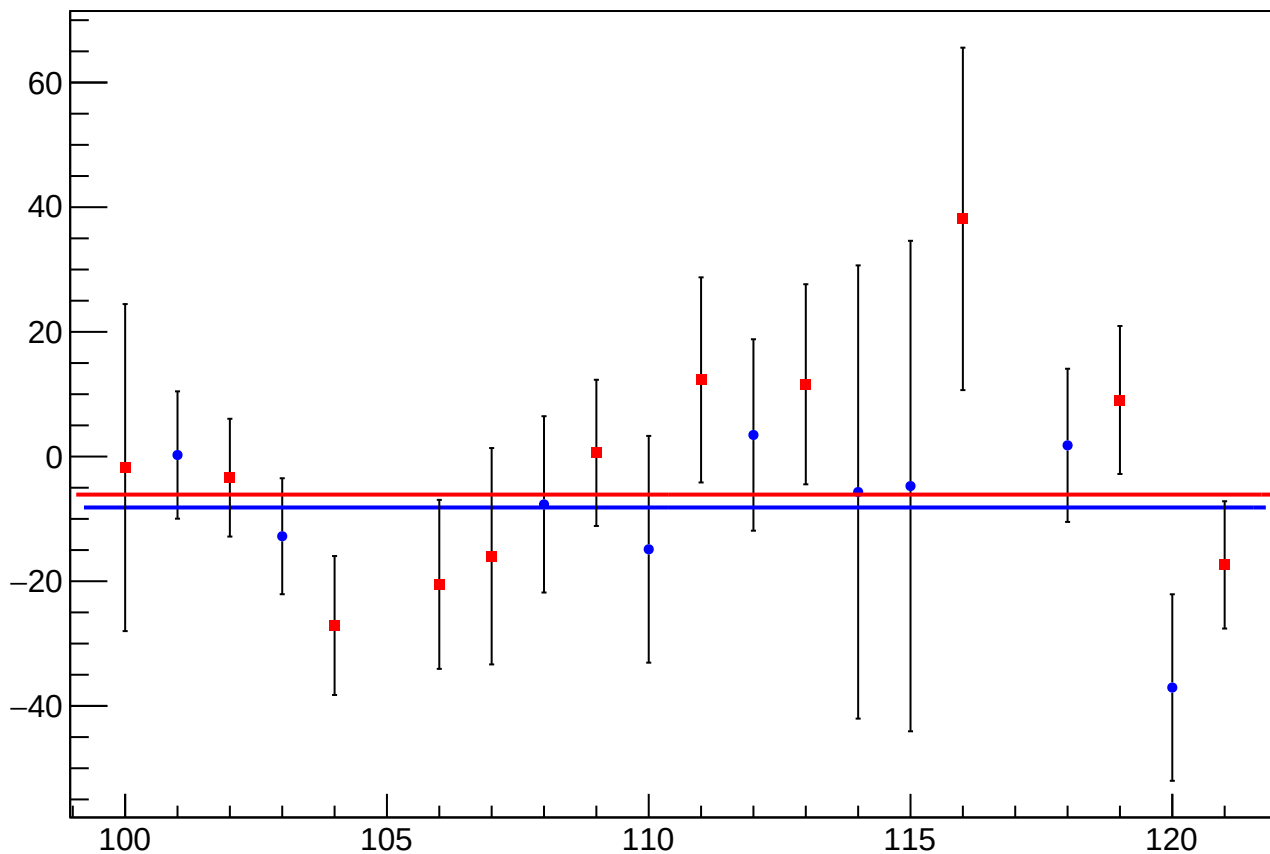
Right: 14439.410+/-3.591 χ^2/NDF : 239341.8/19

In: 14230.312+/-5.304 χ^2/NDF :144376.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14439.410+/-3.591 χ^2/NDF : 239341.8/19

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -8.169+/-4.667 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.103+/-4.005 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

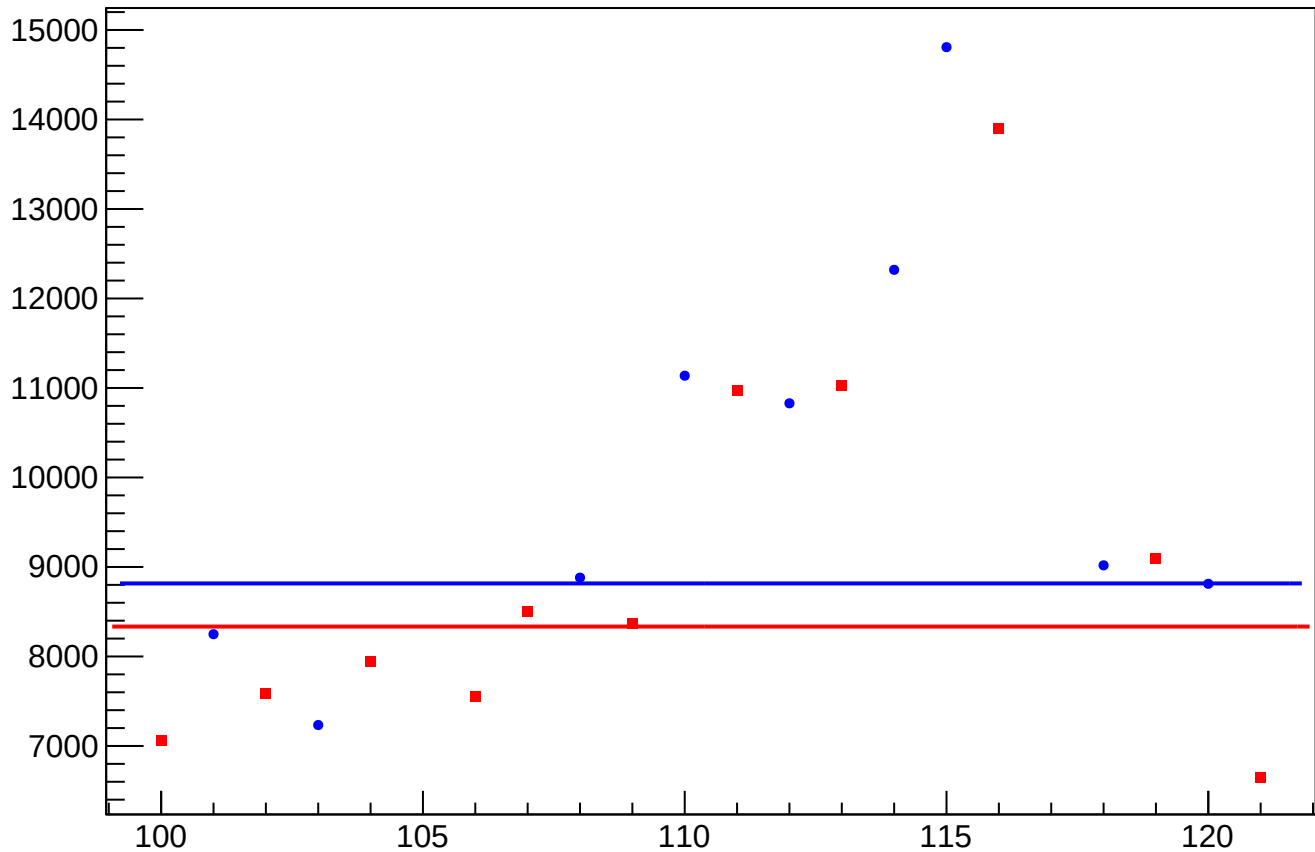
Right: -6.979+/-3.039 χ^2/NDF : 19.5/19

In: -8.169+/-4.667 χ^2/NDF : 6.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.979+/-3.039 χ^2/NDF : 19.5/19

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8816.245+/-3.300 χ^2/NDF : 196530.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8334.268+/-2.832 χ^2/NDF : 279201.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

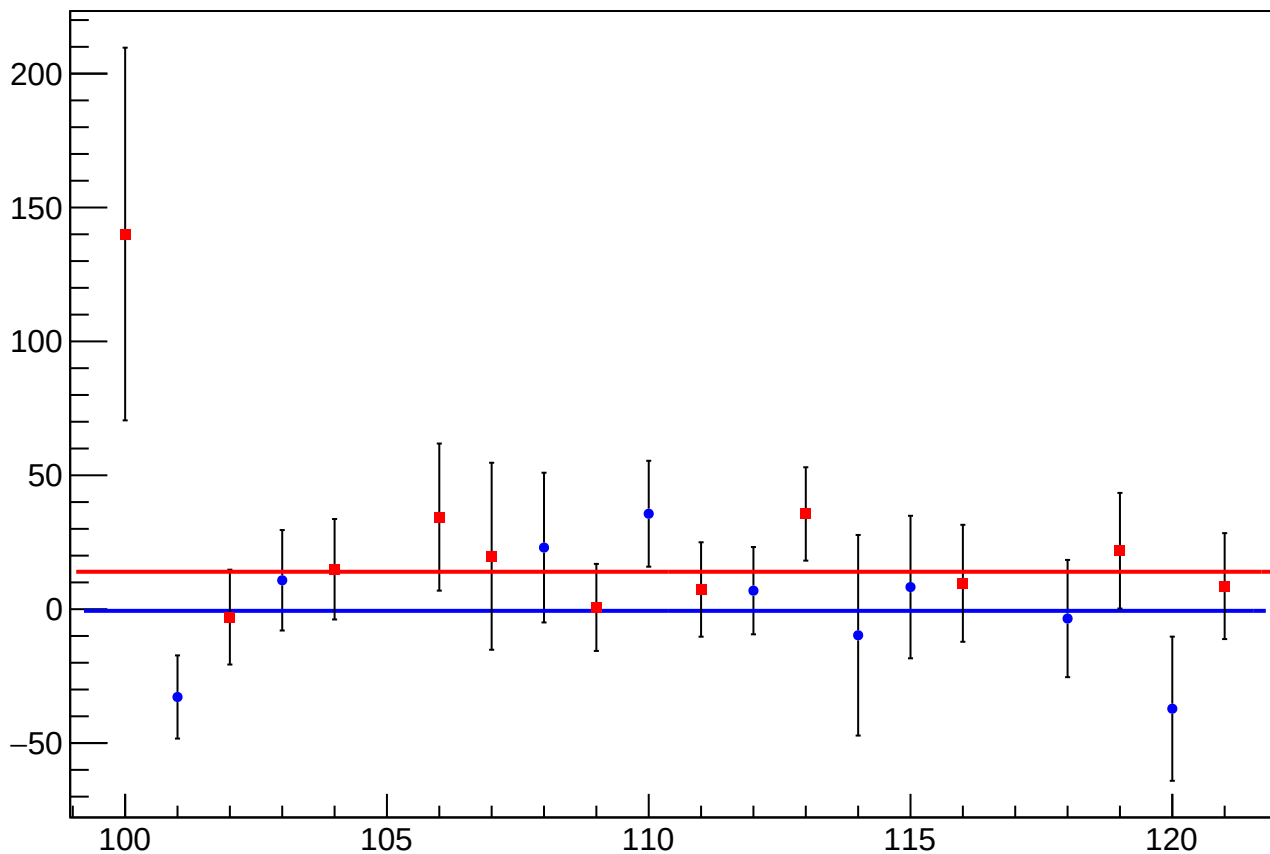
Right: 8538.664+/-2.149 χ^2/NDF : 488015.6/19

In: 8816.245+/-3.300 χ^2/NDF : 196530.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8538.664+/-2.149 χ^2/NDF : 488015.6/19

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.616 ± 7.040 χ^2/NDF : 11.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.976 ± 6.266 χ^2/NDF : 7.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

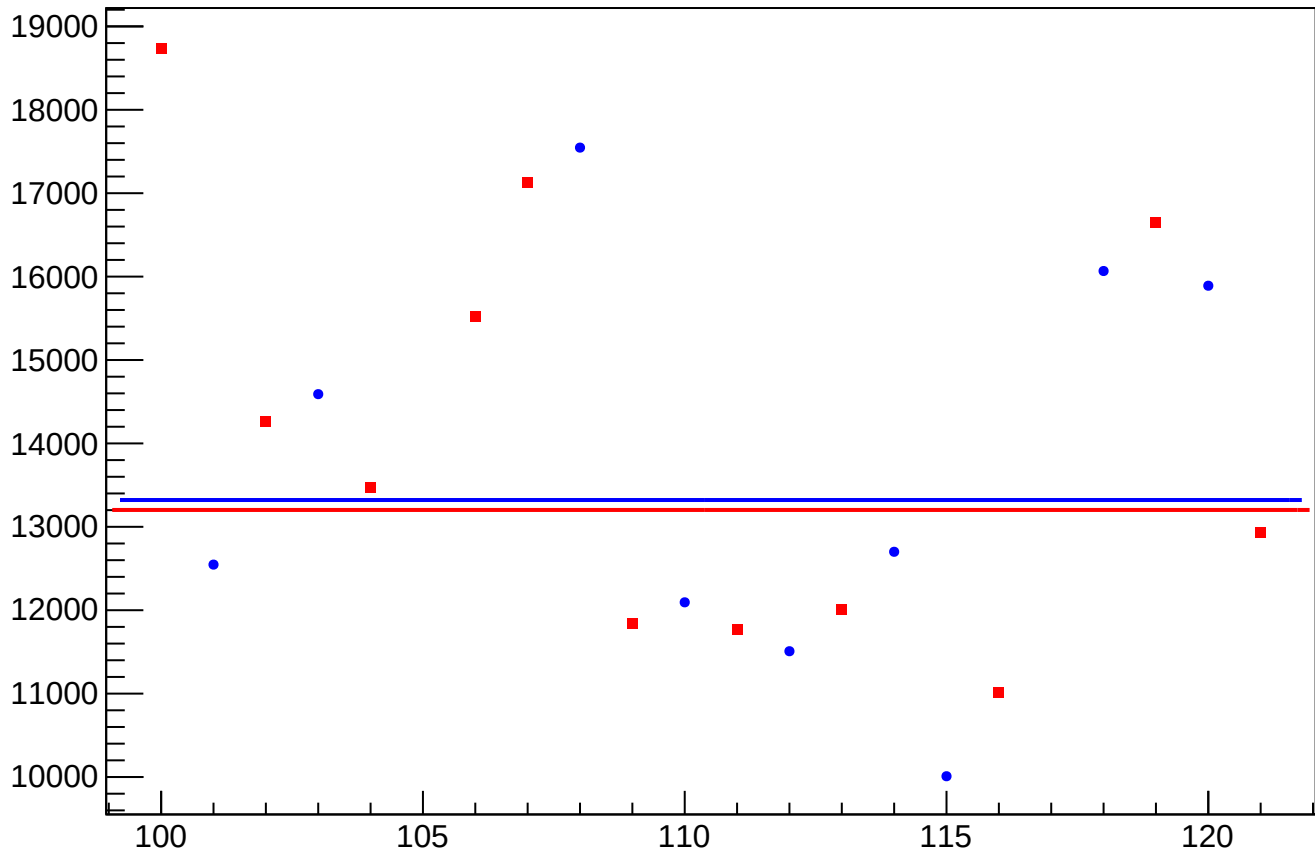
Right: 7.525 ± 4.680 χ^2/NDF : 20.7/19

In: -0.616 ± 7.040 χ^2/NDF : 11.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.525 ± 4.680 χ^2/NDF : 20.7/19

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13321.357+/-4.978 χ^2/NDF : 173474.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13202.151+/-4.431 χ^2/NDF : 167754.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

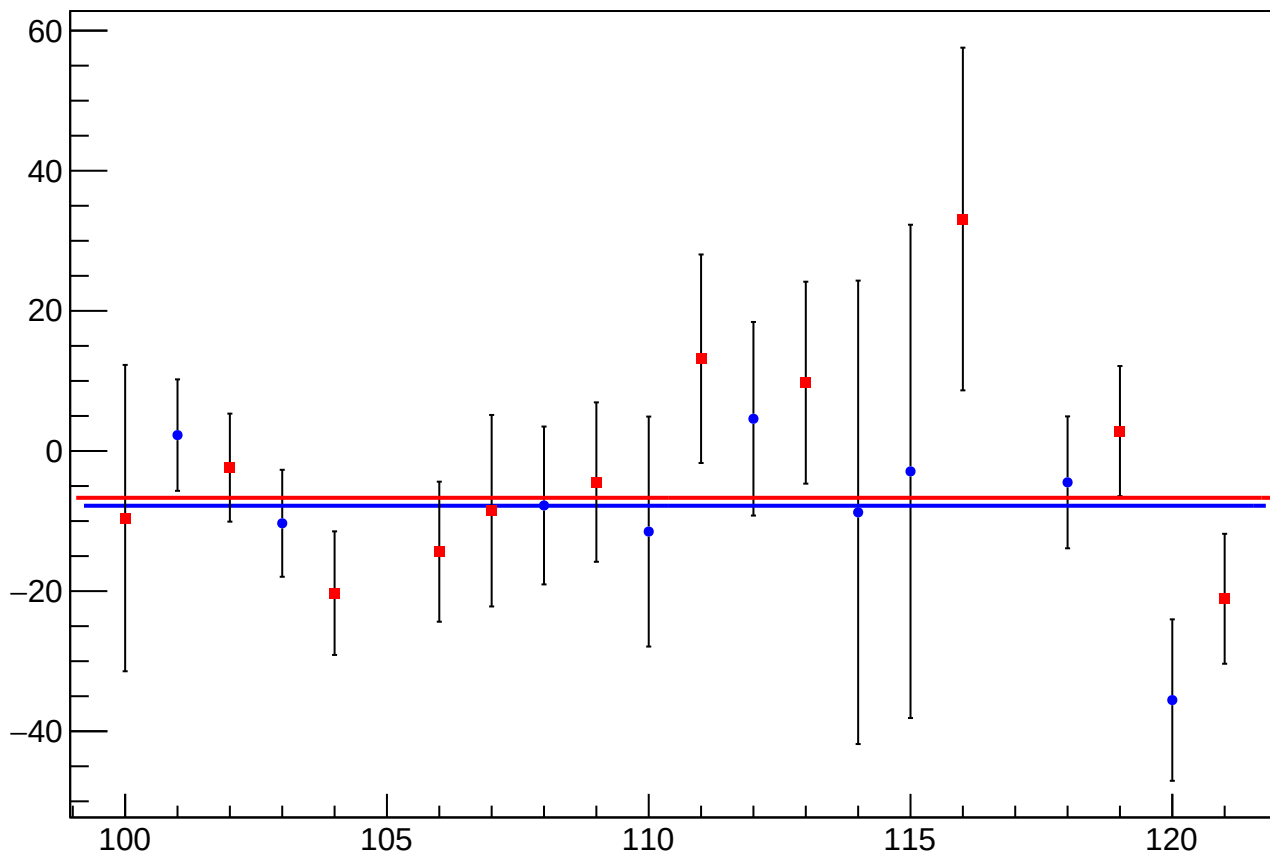
Right: 13254.845+/-3.309 χ^2/NDF : 341549.4/19

In: 13321.357+/-4.978 χ^2/NDF : 173474.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13254.845+/-3.309 χ^2/NDF : 341549.4/19

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -7.815+/-3.770 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.679+/-3.350 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

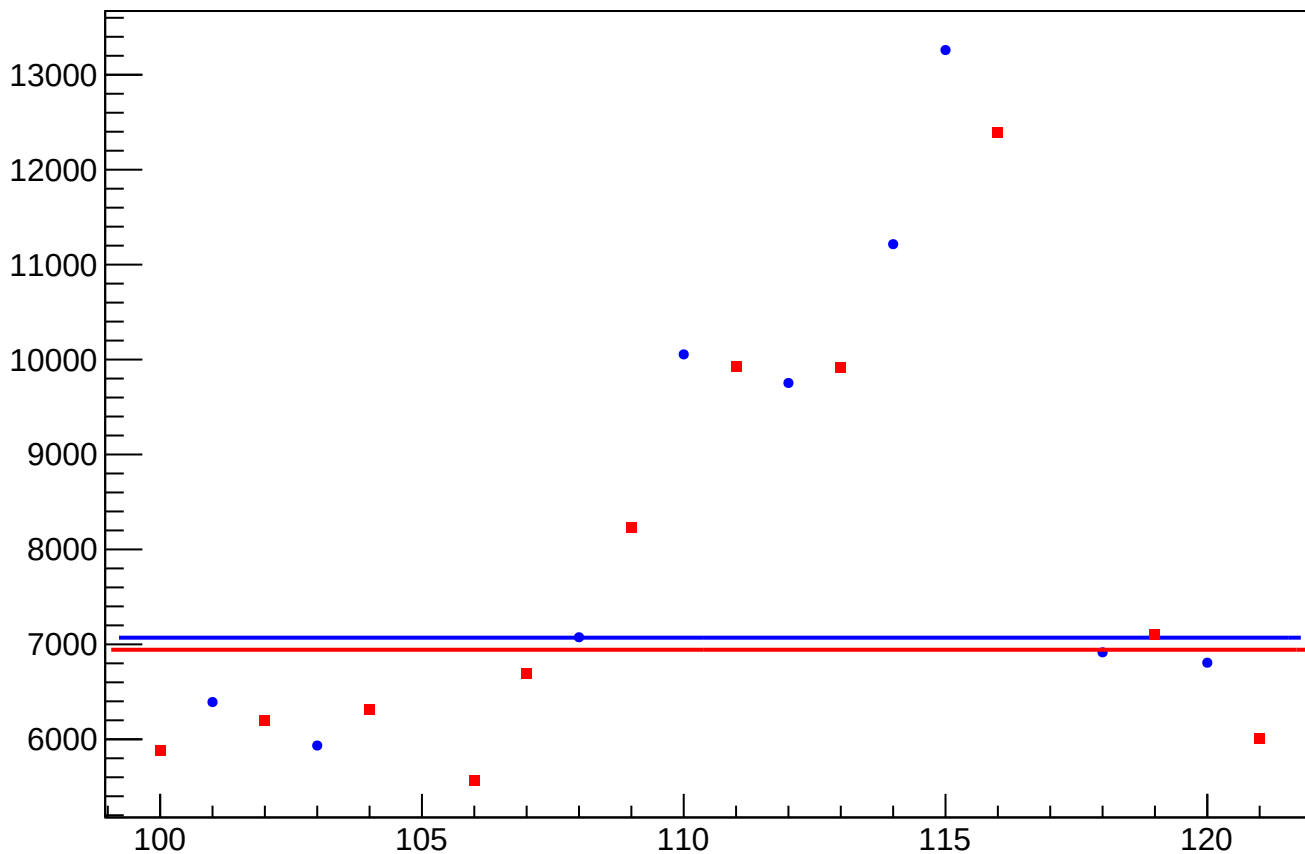
Right: -7.180+/-2.504 χ^2/NDF : 21.1/19

In: -7.815+/-3.770 χ^2/NDF :8.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.180+/-2.504 χ^2/NDF : 21.1/19

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7070.495+/-2.666 χ^2/NDF : 295243.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6943.286+/-2.369 χ^2/NDF : 383219.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

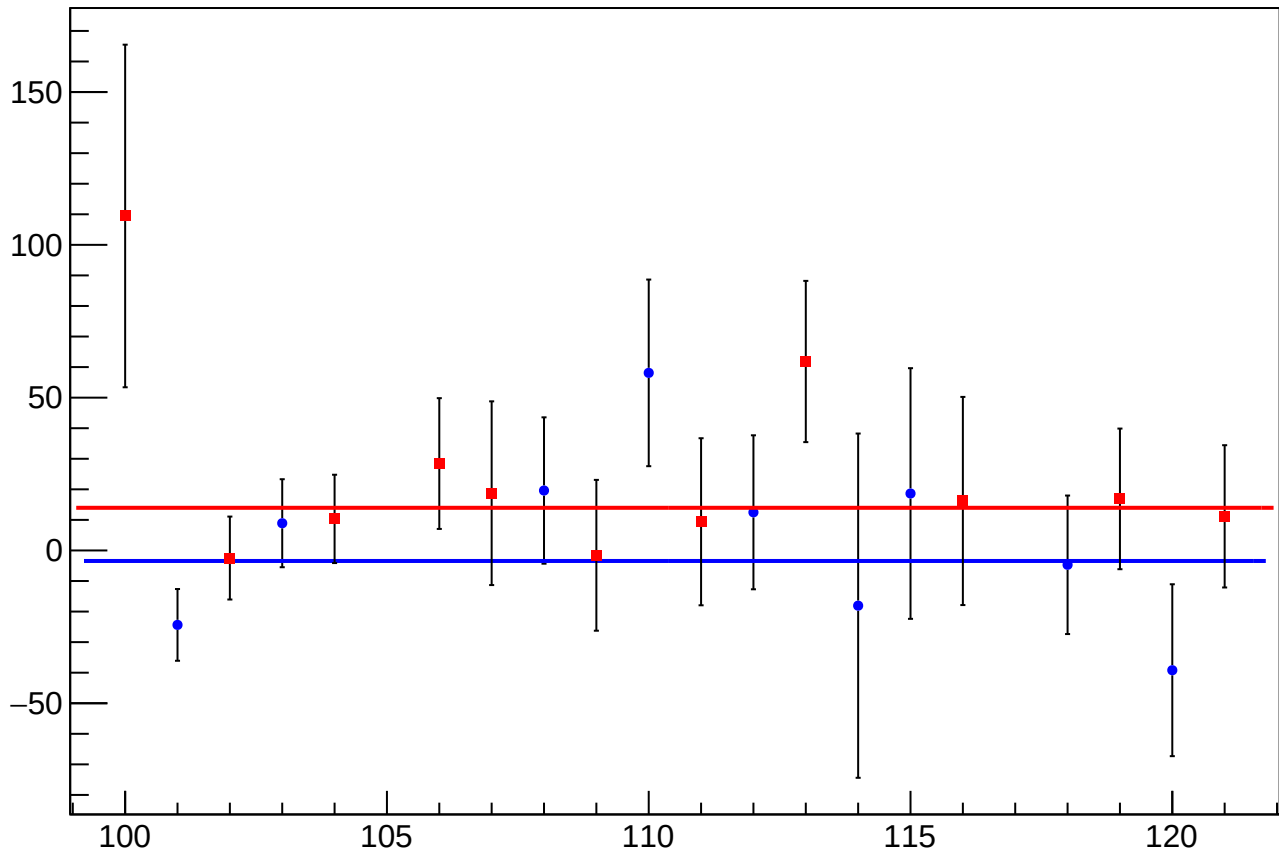
Right: 6999.406+/-1.771 χ^2/NDF : 679734.7/19

In: 7070.495+/-2.666 χ^2/NDF : 295243.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6999.406+/-1.771 χ^2/NDF : 679734.7/19

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.443+/-6.969 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.958+/-6.616 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

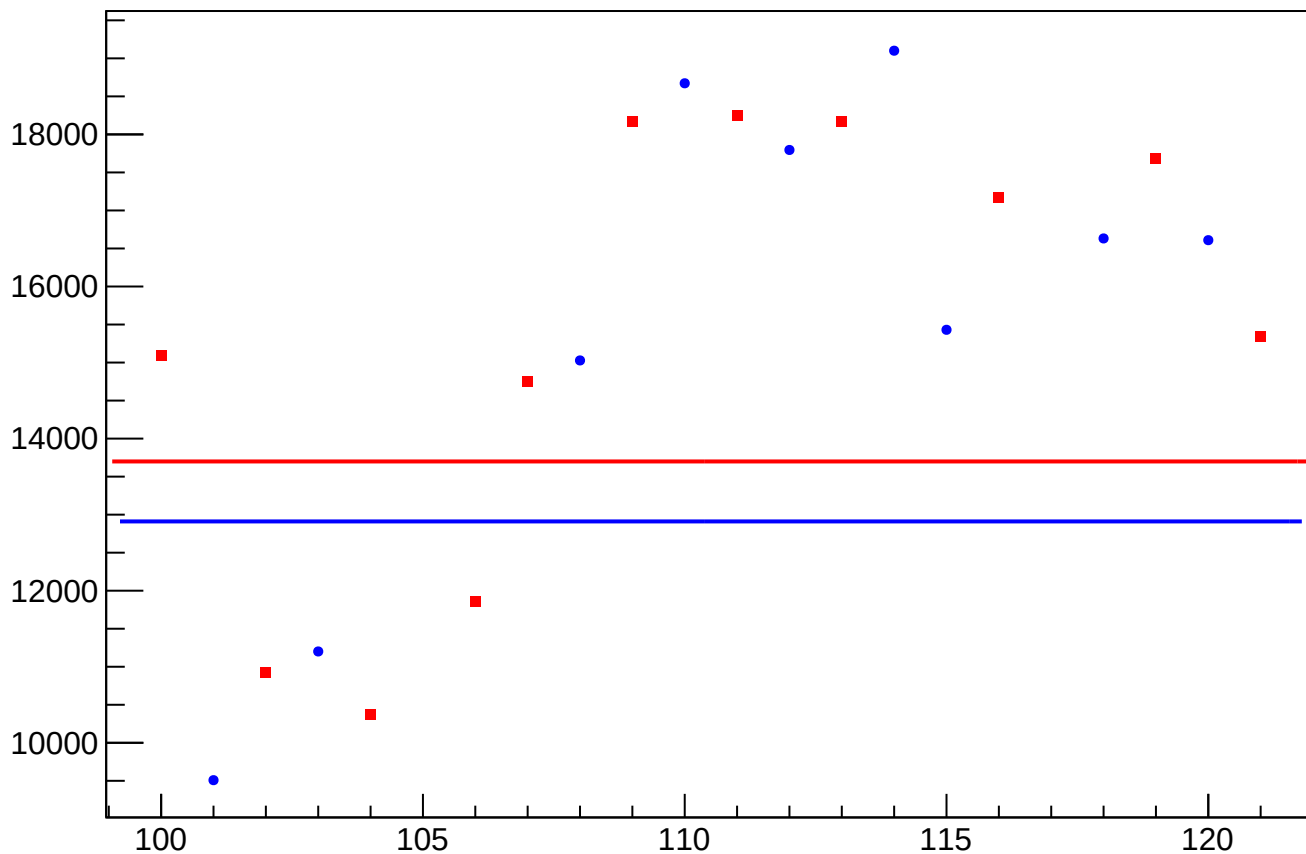
Right: 5.708+/-4.798 χ^2/NDF : 23.2/19

In: -3.443+/-6.969 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.708+/-4.798 χ^2/NDF : 23.2/19

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12910.959+/-4.927 χ^2/NDF : 478446.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13699.566+/-4.678 χ^2/NDF : 476870.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

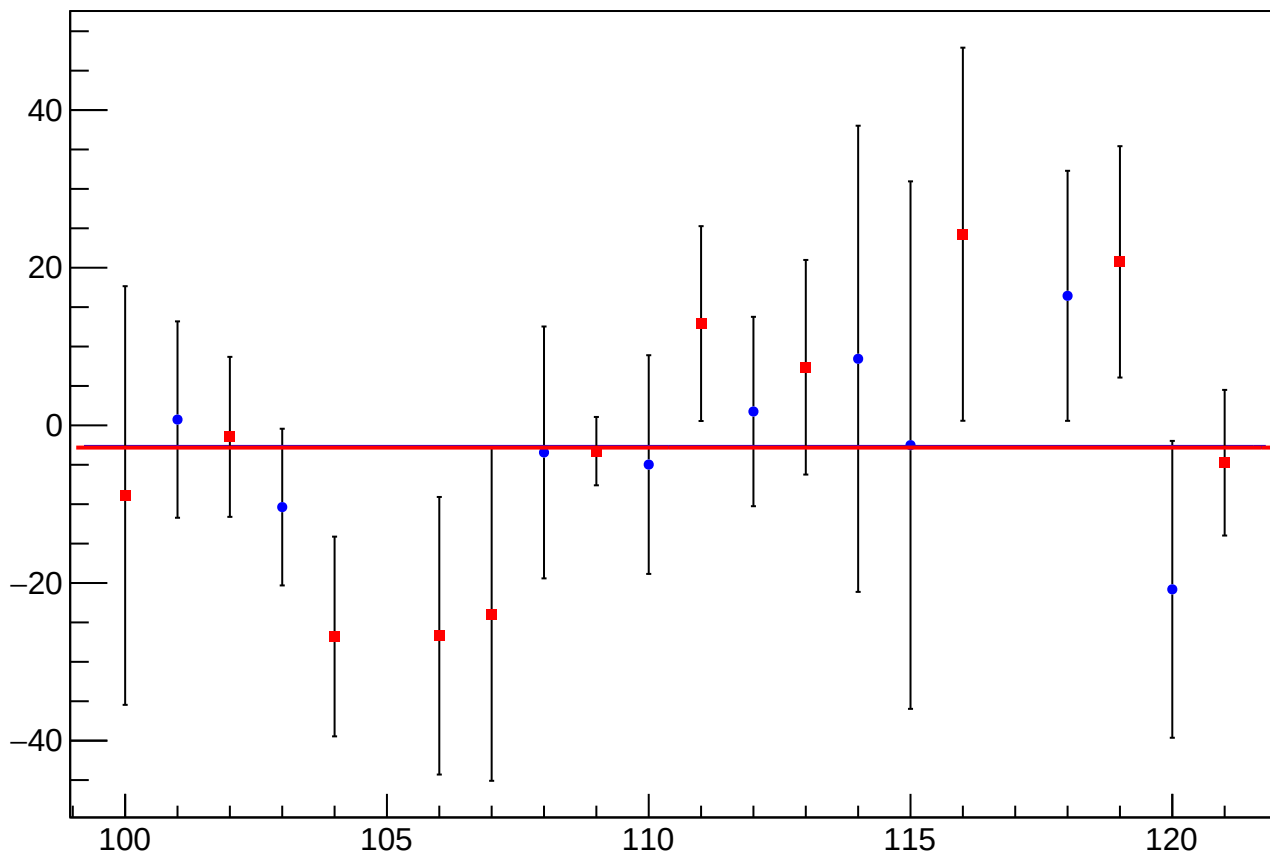
Right: 13325.693+/-3.393 χ^2/NDF : 968787.5/19

In: 12910.959+/-4.927 χ^2/NDF : 478446.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13325.693+/-3.393 χ^2/NDF : 968787.5/19

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -2.733+/-4.912 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.819+/-3.070 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

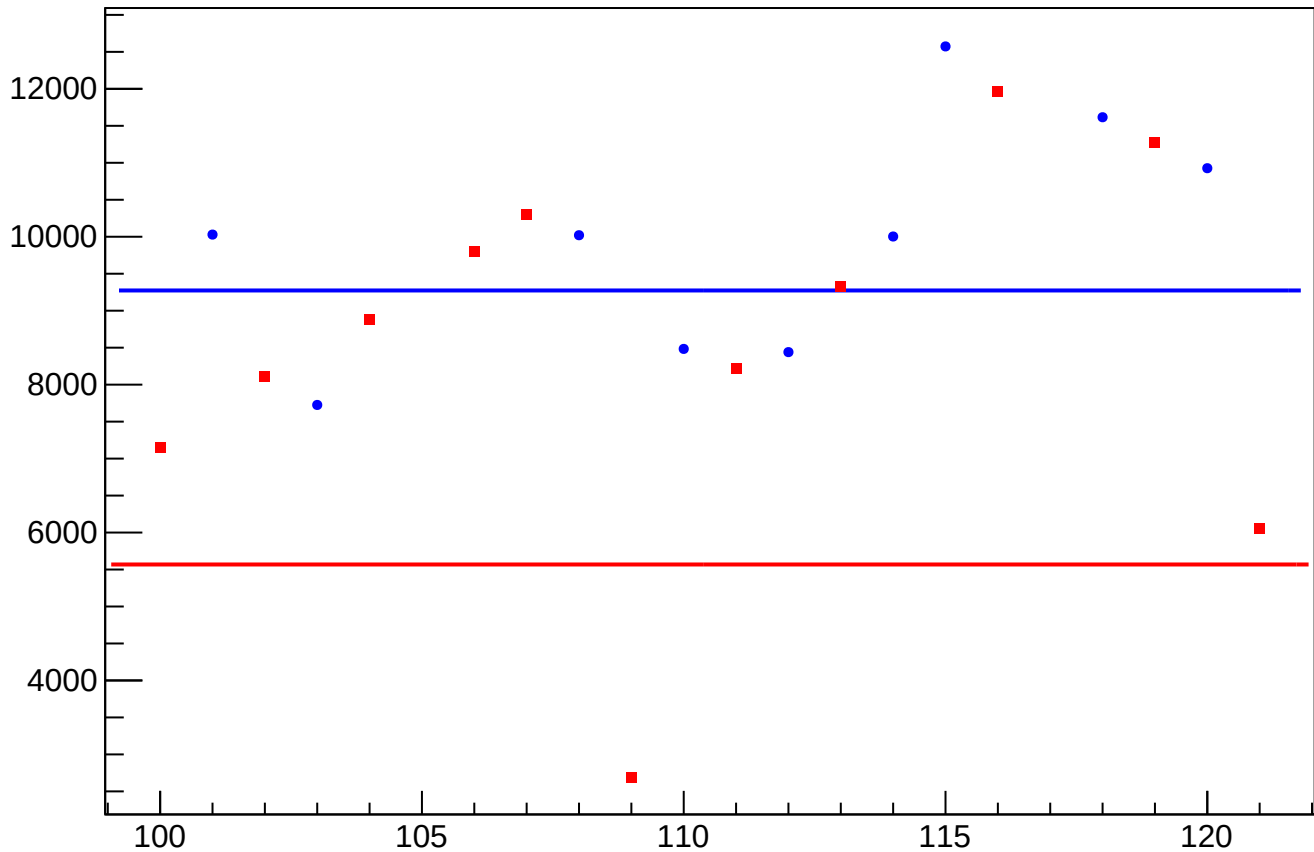
Right: -2.795+/-2.604 χ^2/NDF : 16.0/19

In: -2.733+/-4.912 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.795+/-2.604 χ^2/NDF : 16.0/19

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 9273.535+/-3.474 χ^2/NDF : 156075.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5568.164+/-2.171 χ^2/NDF : 2068459.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

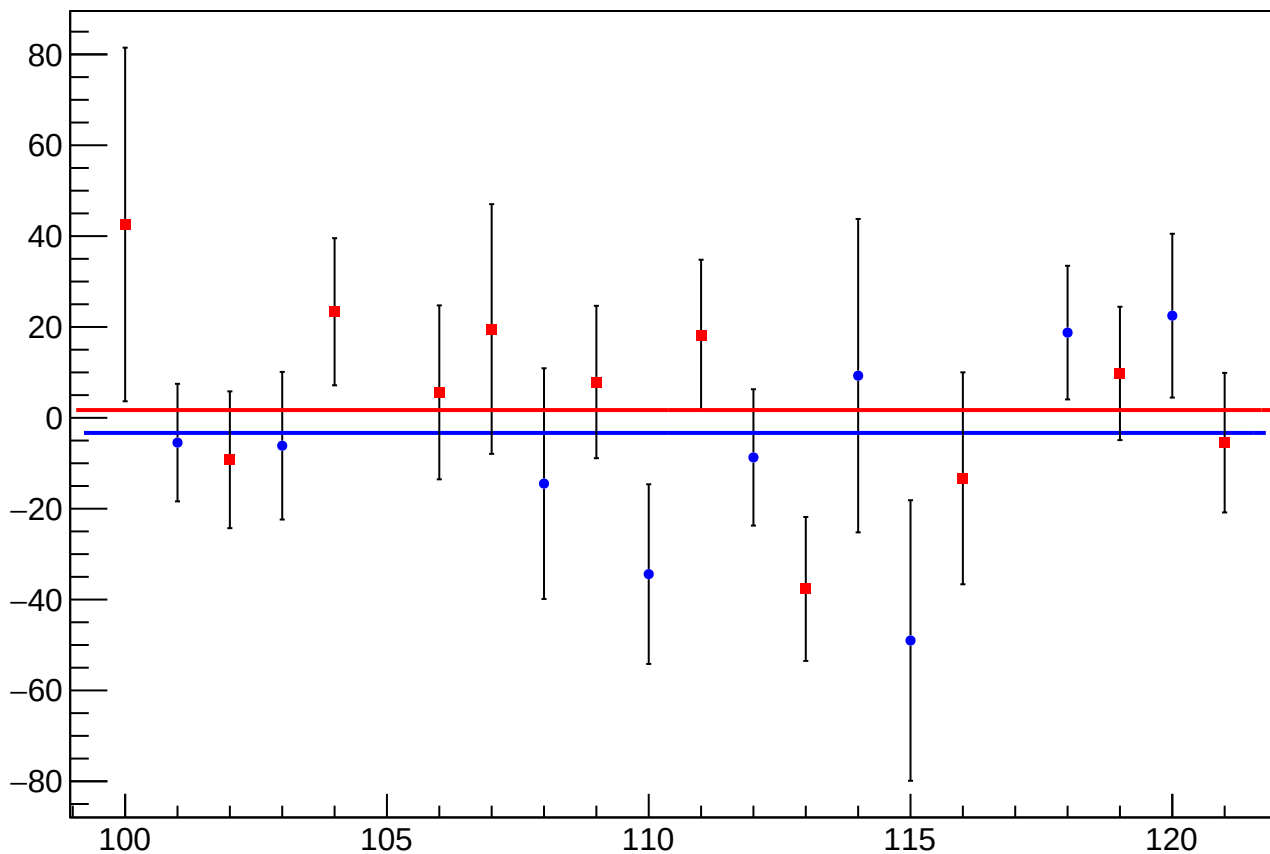
Right: 6609.026+/-1.841 χ^2/NDF : 3042837.0/19

In: 9273.535+/-3.474 χ^2/NDF : 156075.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6609.026+/-1.841 χ^2/NDF : 3042837.0/19

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.319 ± 5.986 χ^2/NDF : 9.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.710 ± 5.358 χ^2/NDF : 12.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

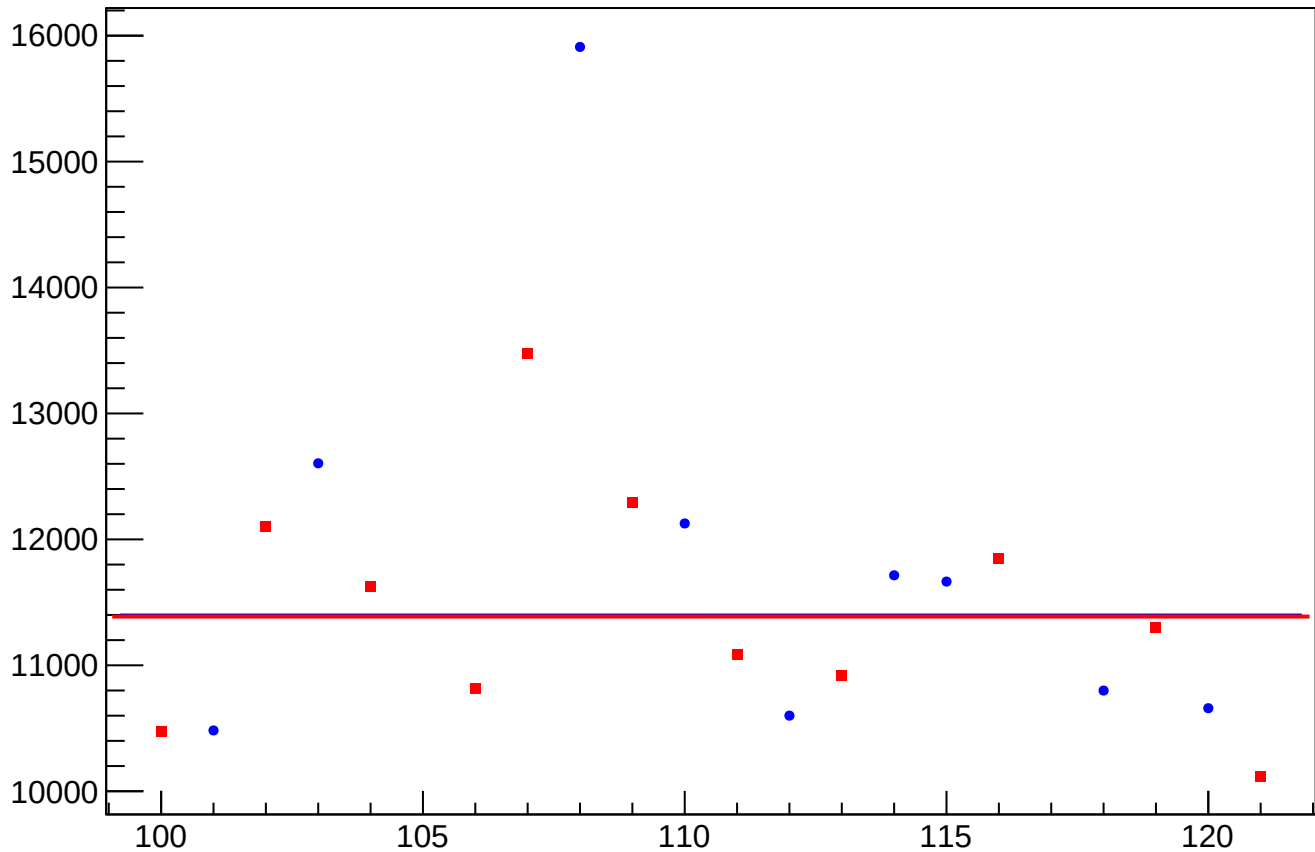
Right: -0.527 ± 3.993 χ^2/NDF : 22.0/19

In: -3.319 ± 5.986 χ^2/NDF : 9.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.527 ± 3.993 χ^2/NDF : 22.0/19

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11395.358+/-4.233 χ^2/NDF : 99569.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11387.256+/-3.789 χ^2/NDF : 42134.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

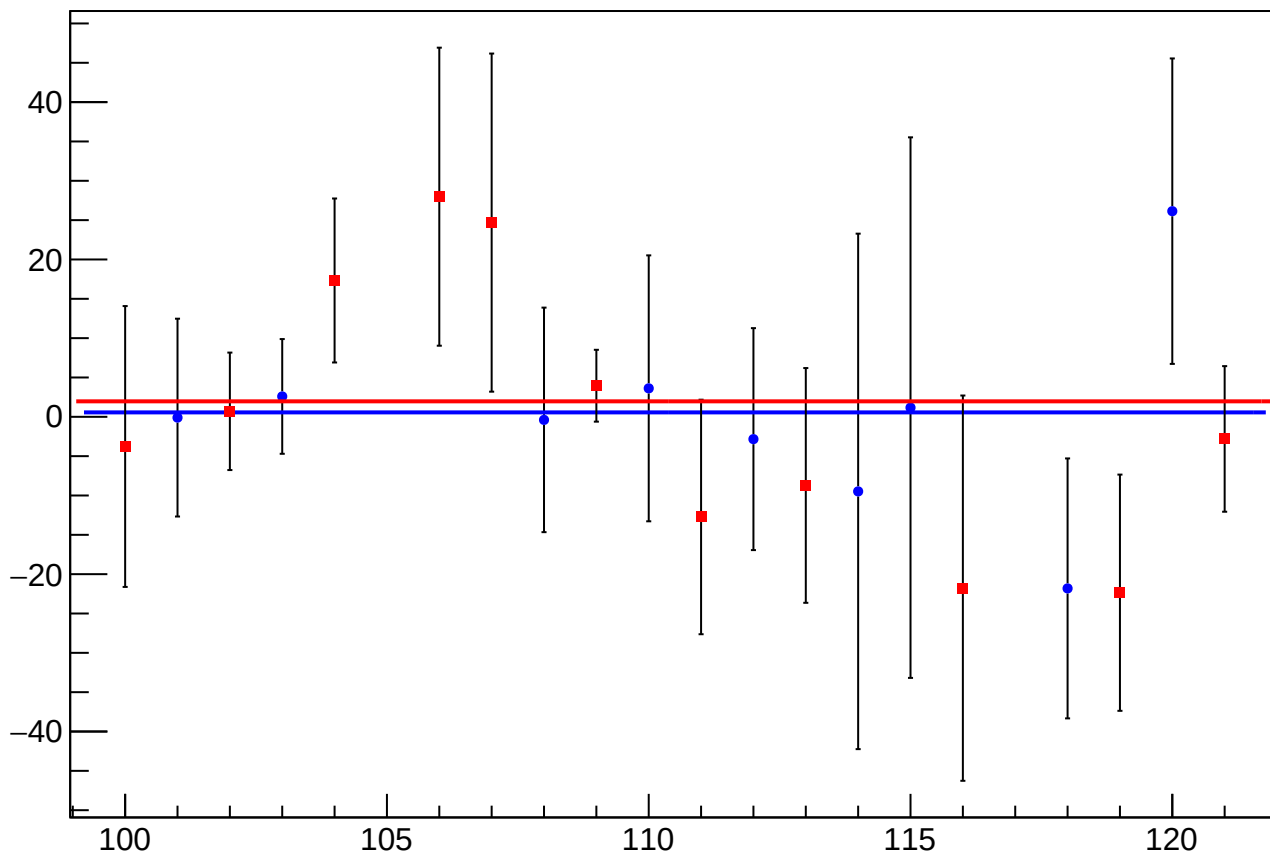
Right: 11390.860+/-2.823 χ^2/NDF : 141705.6/19

In: 11395.358+/-4.233 χ^2/NDF : 99569.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11390.860+/-2.823 χ^2/NDF : 141705.6/19

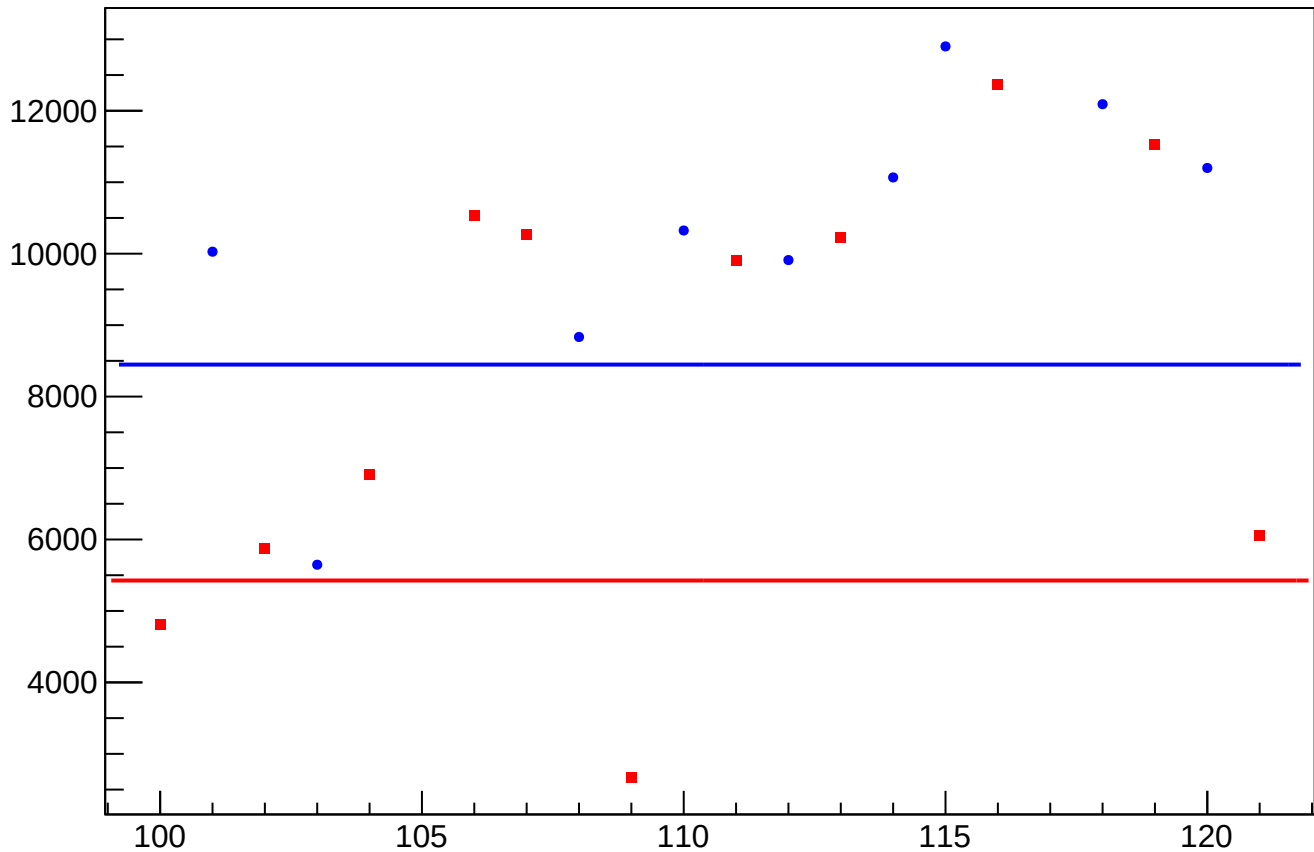
diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.562+/-4.629 χ^2/NDF : 3.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 1.968+/-3.016 χ^2/NDF : 10.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.549+/-2.527 χ^2/NDF : 14.7/19
 In: 0.562+/-4.629 χ^2/NDF :3.8/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 1.549+/-2.527 χ^2/NDF : 14.7/19

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8447.831+/-3.273 χ^2/NDF : 558168.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5426.128+/-2.132 χ^2/NDF : 1915133.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

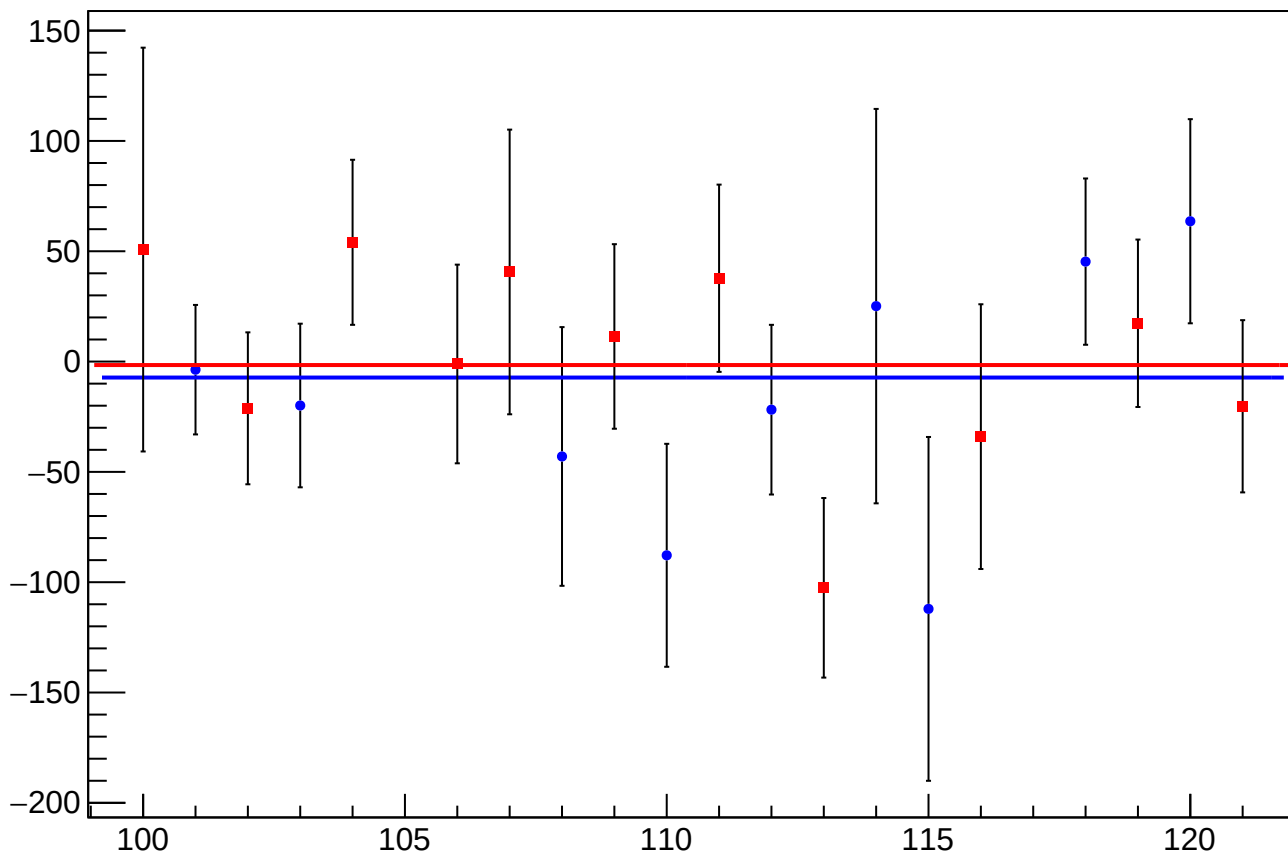
Right: 6326.400+/-1.787 χ^2/NDF : 3071616.8/19

In: 8447.831+/-3.273 χ^2/NDF : 558168.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6326.400+/-1.787 χ^2/NDF : 3071616.8/19

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.577+/-13.164 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

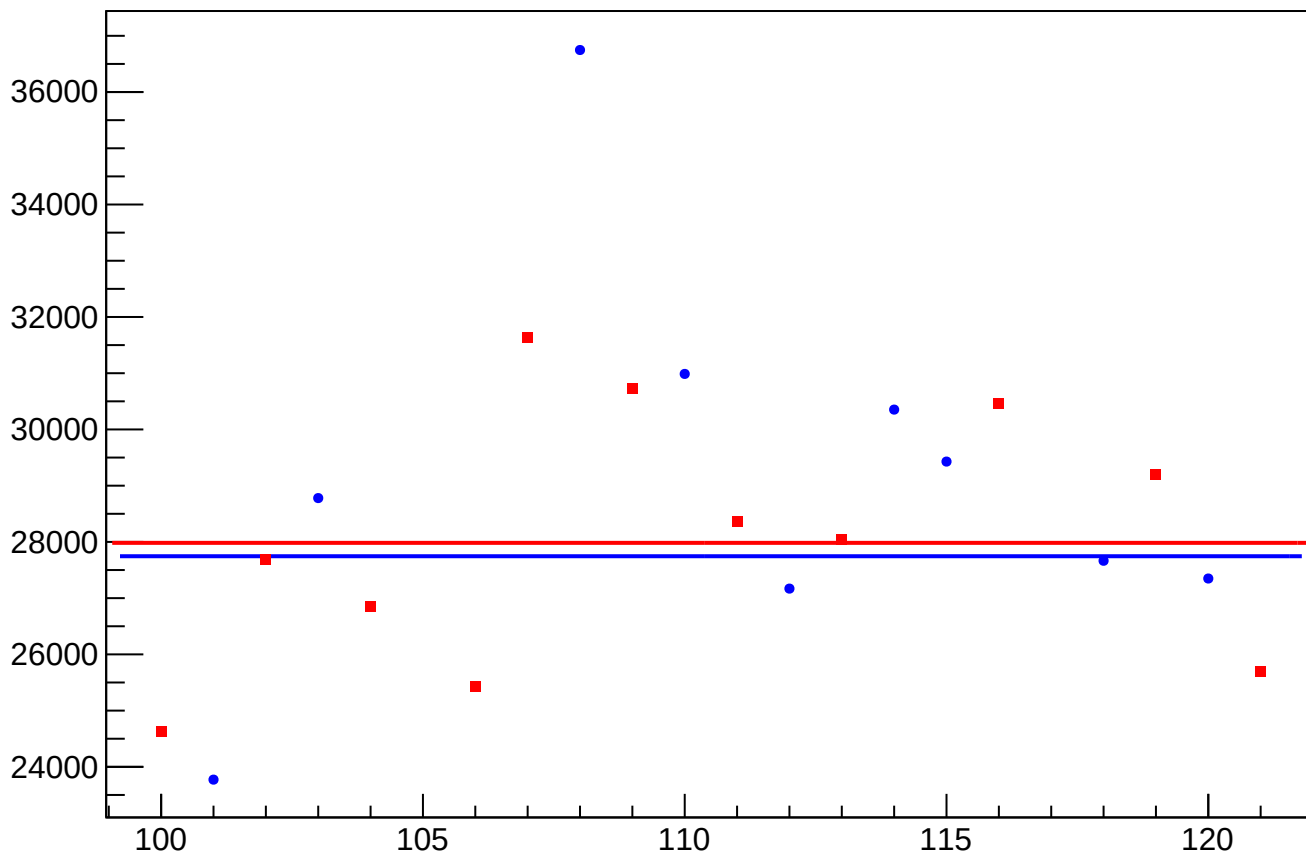
Right: -4.122+/-9.769 χ^2/NDF : 20.7/19

In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.122+/-9.769 χ^2/NDF : 20.7/19

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27983.242+/-9.308 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

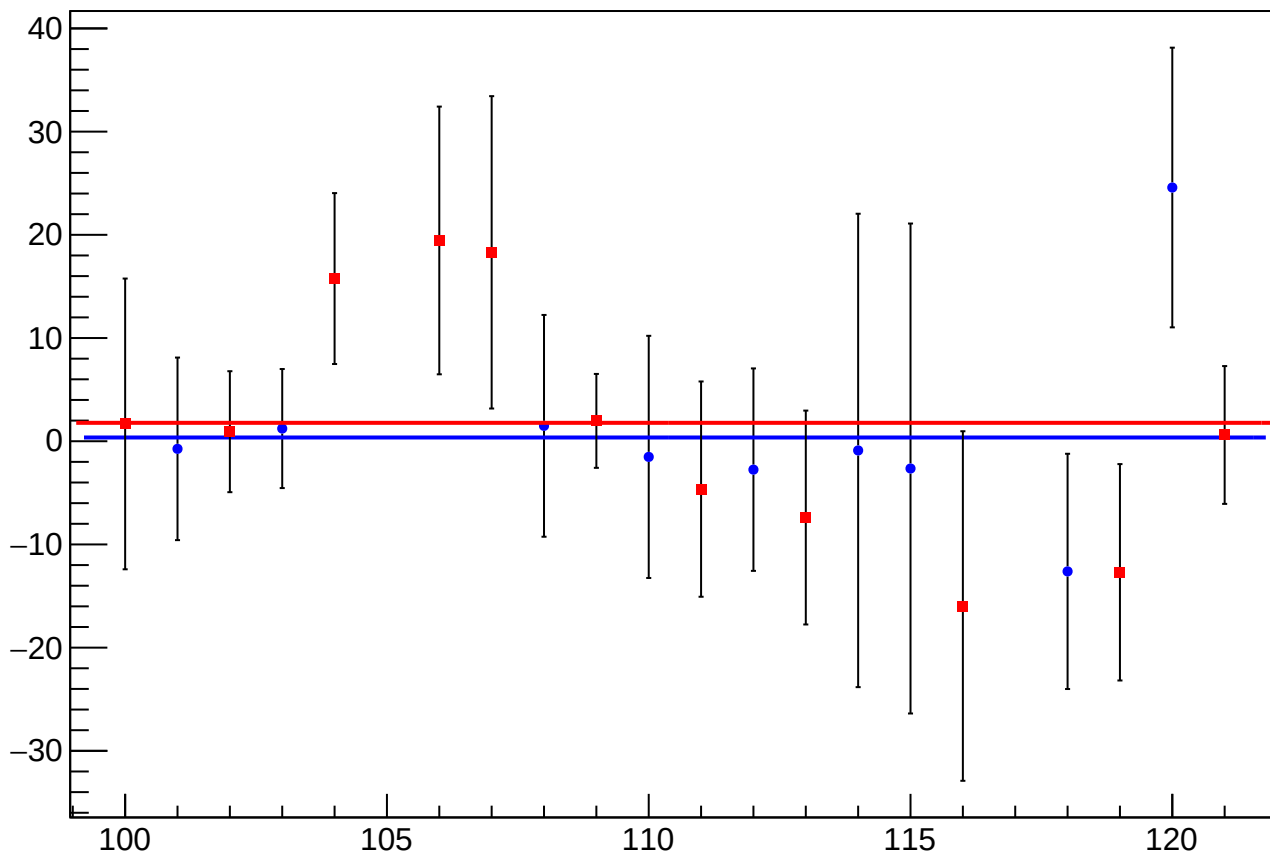
Right: 27876.338+/-6.907 χ^2/NDF : 135700.7/19

In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27876.338+/-6.907 χ^2/NDF : 135700.7/19

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.363+/-3.410 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.783+/-2.493 χ^2/NDF : 10.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

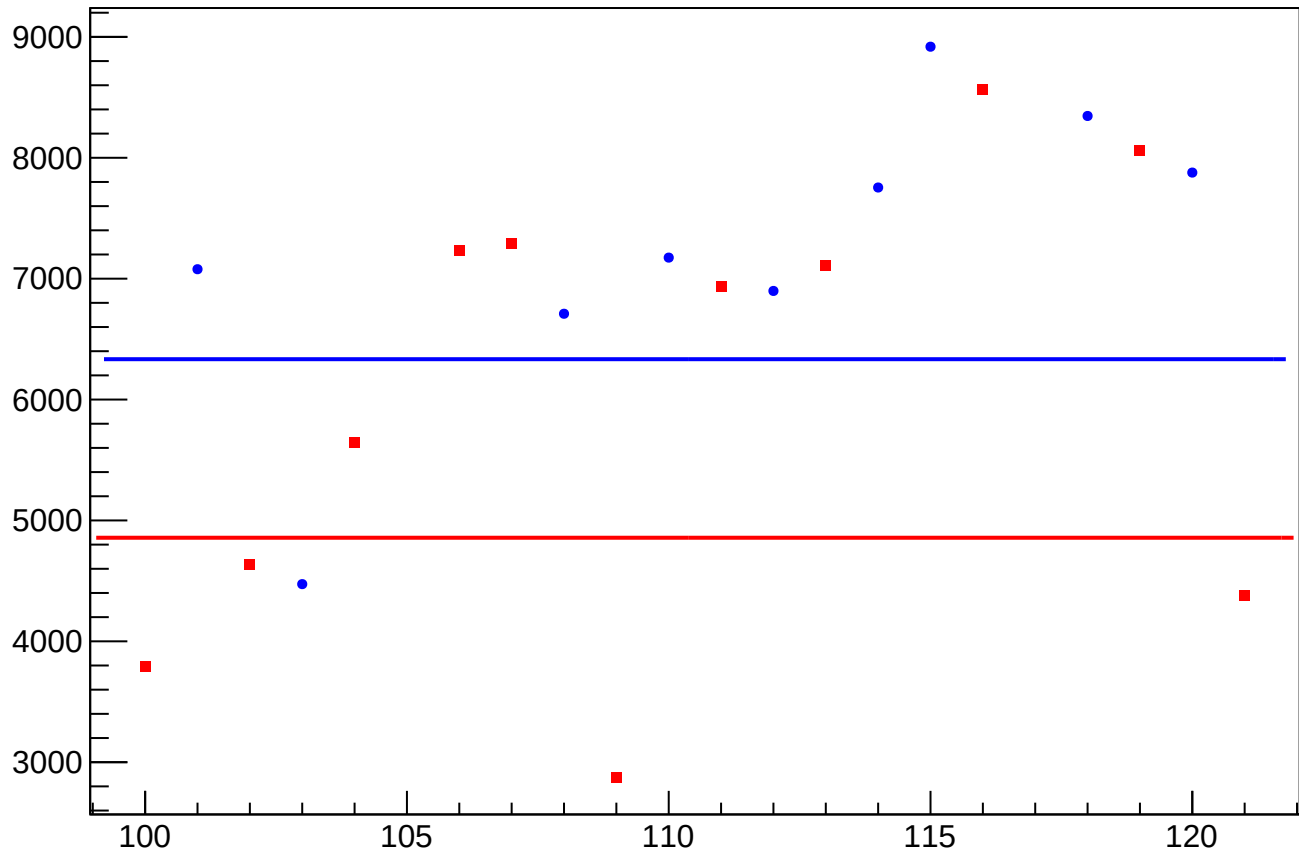
Right: 1.289+/-2.013 χ^2/NDF : 14.9/19

In: 0.363+/-3.410 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.289+/-2.013 χ^2/NDF : 14.9/19

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6333.853+/-2.411 χ^2/NDF : 361326.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4856.912+/-1.763 χ^2/NDF : 997512.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

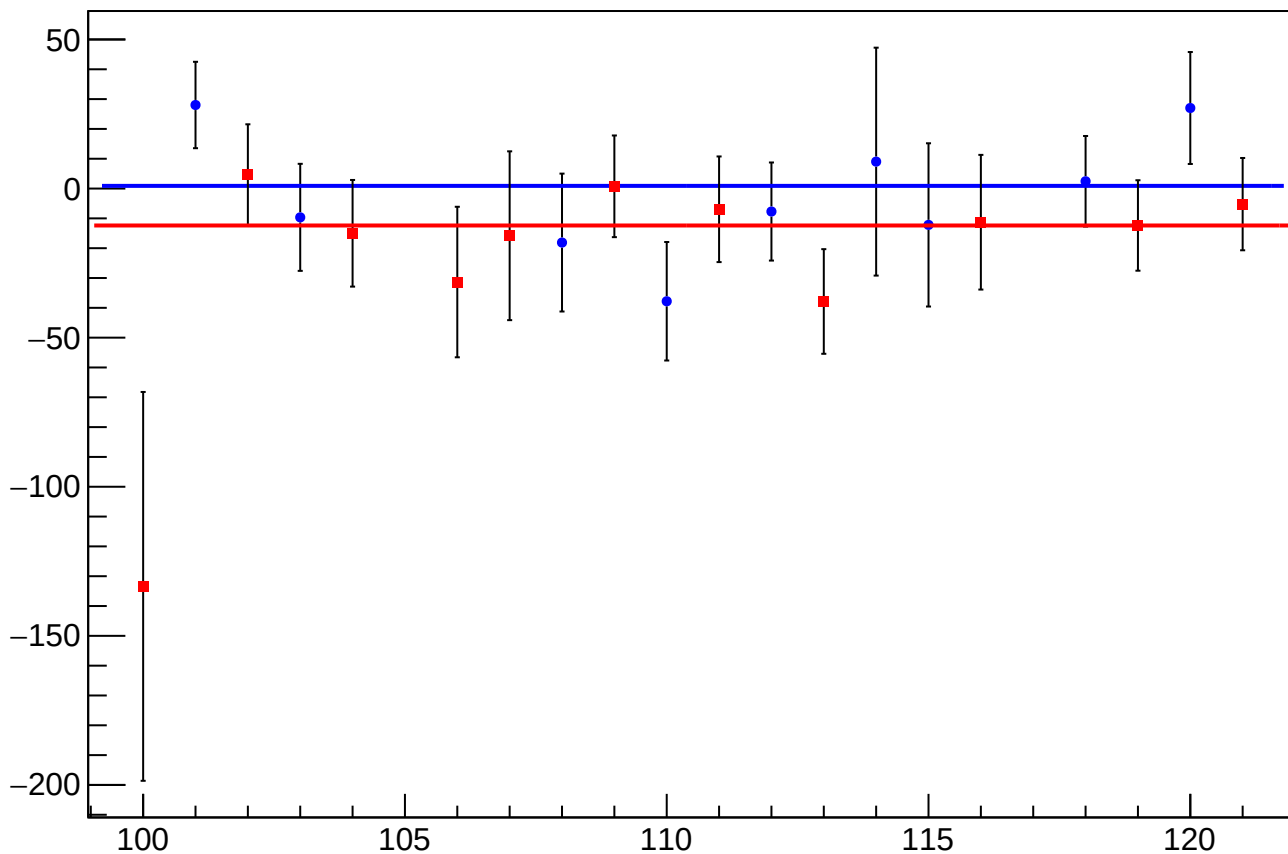
Right: 5371.336+/-1.423 χ^2/NDF : 1603300.2/19

In: 6333.853+/-2.411 χ^2/NDF : 361326.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5371.336+/-1.423 χ^2/NDF : 1603300.2/19

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.901+/-6.304 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.384+/-5.772 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

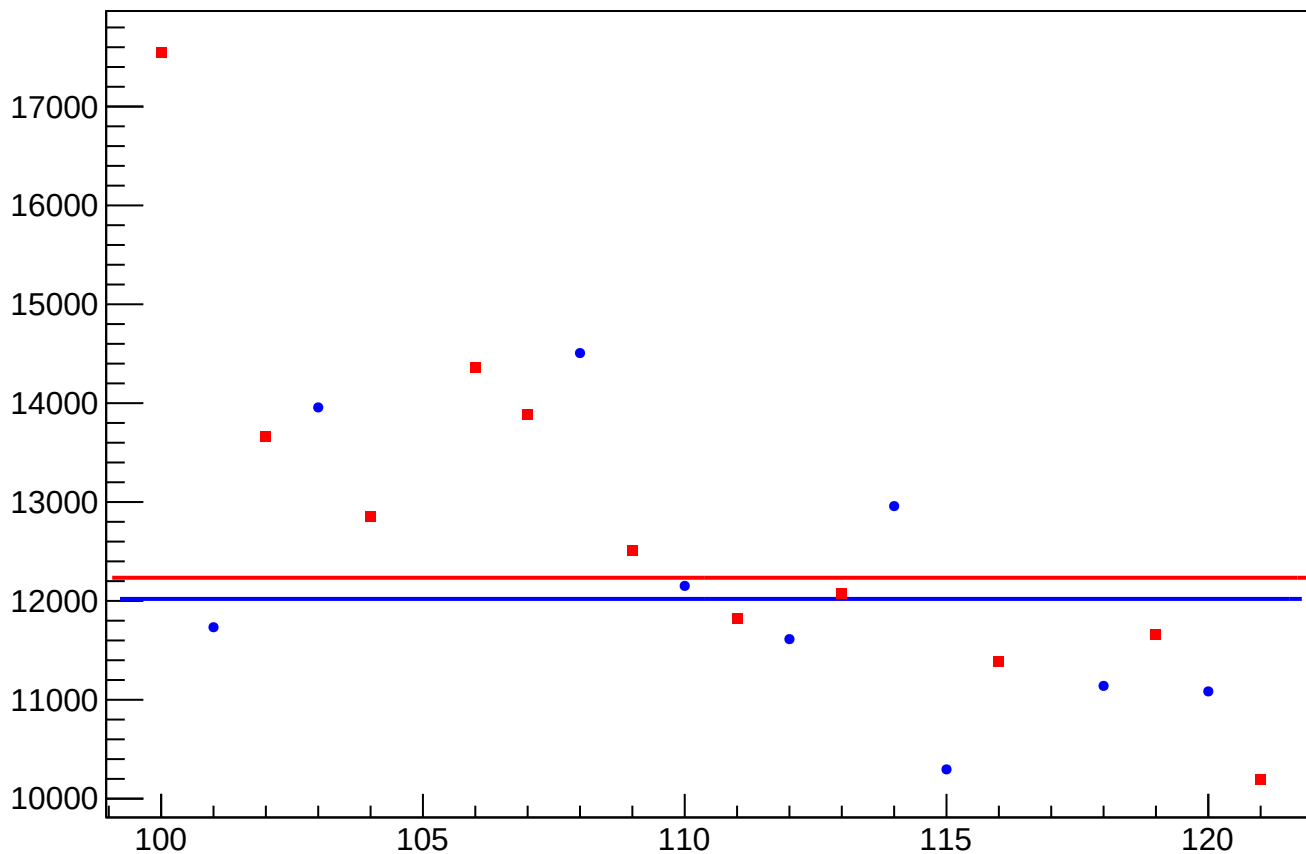
Right: -6.325+/-4.257 χ^2/NDF : 21.3/19

In: 0.901+/-6.304 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.325+/-4.257 χ^2/NDF : 21.3/19

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12020.319+/-4.457 χ^2/NDF : 69335.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12234.301+/-4.082 χ^2/NDF : 93043.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

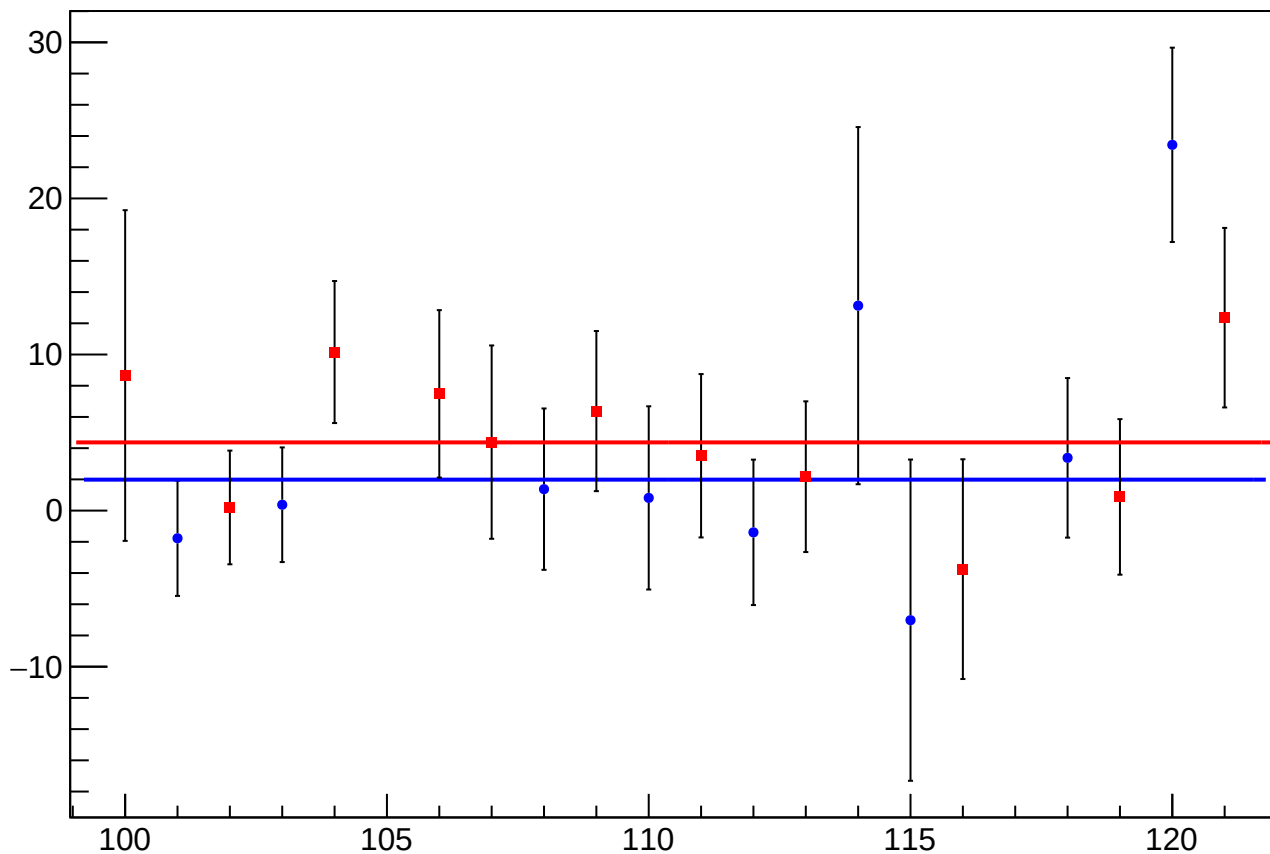
Right: 12136.706+/-3.010 χ^2/NDF : 163632.1/19

In: 12020.319+/-4.457 χ^2/NDF :69335.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12136.706+/-3.010 χ^2/NDF : 163632.1/19

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.984+/-1.712 χ^2/NDF : 15.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.369+/-1.578 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

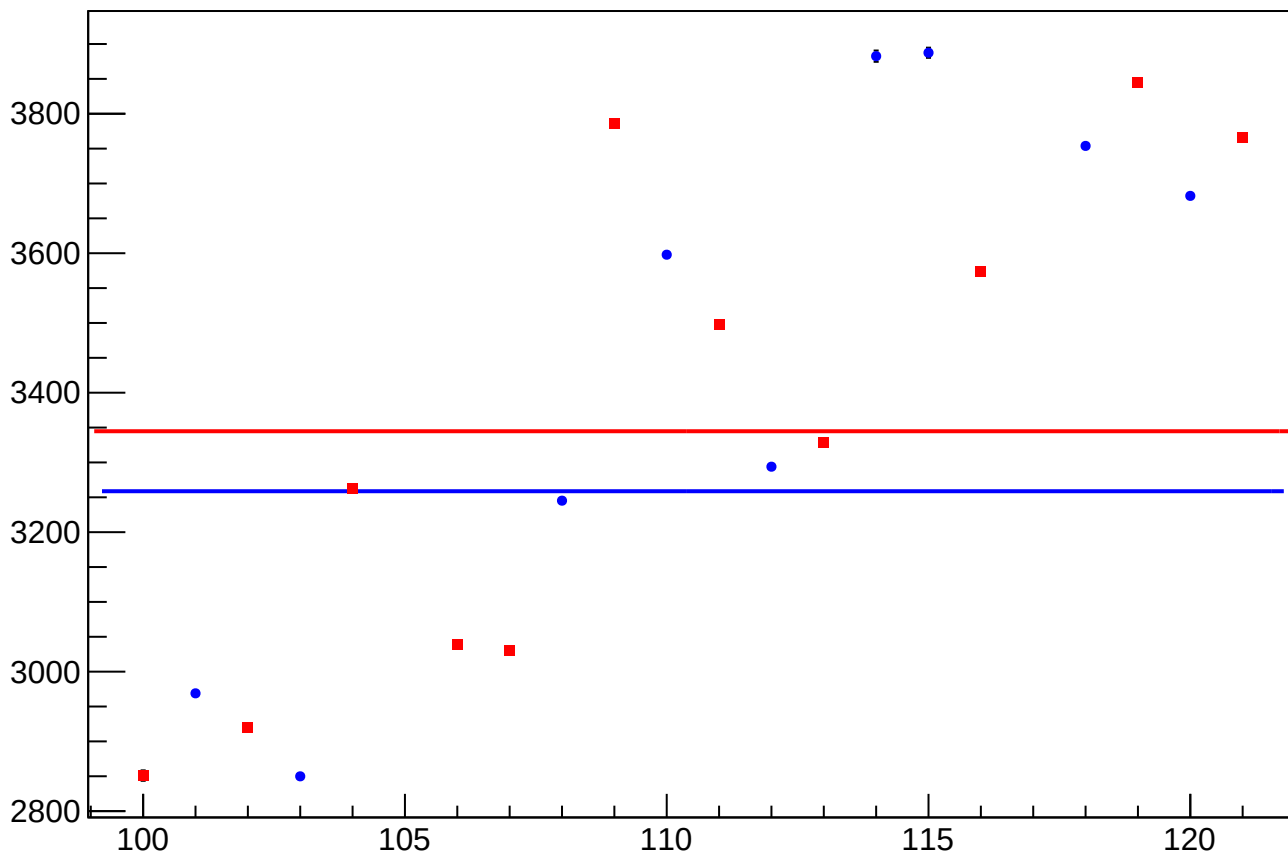
Right: 3.274+/-1.160 χ^2/NDF : 24.1/19

In: 1.984+/-1.712 χ^2/NDF : 15.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.274+/-1.160 χ^2/NDF : 24.1/19

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3258.721+/-1.211 χ^2/NDF : 85326.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3344.739+/-1.116 χ^2/NDF : 93228.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

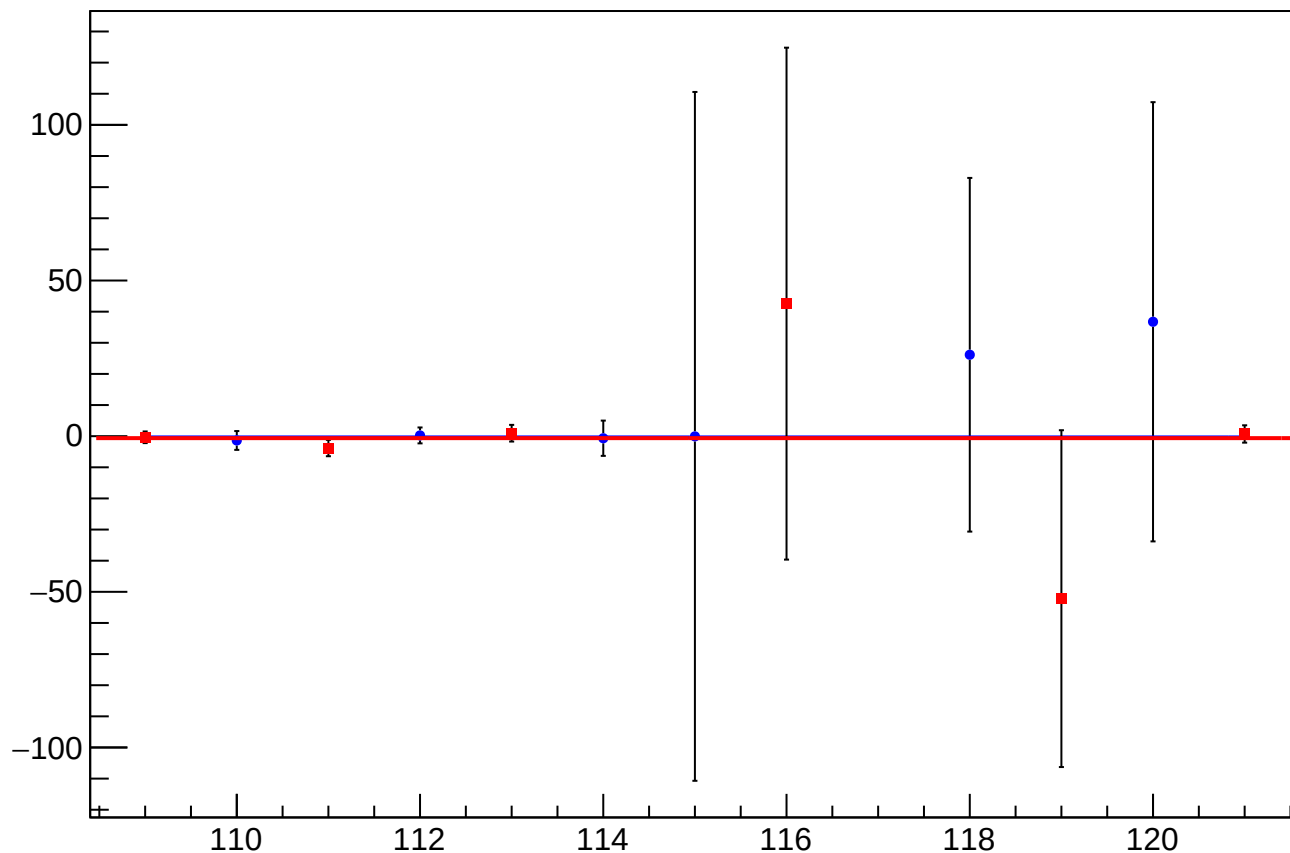
Right: 3305.232+/-0.821 χ^2/NDF : 181283.2/19

In: 3258.721+/-1.211 χ^2/NDF : 85326.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3305.232+/-0.821 χ^2/NDF : 181283.2/19

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.402+/-1.843 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.630+/-1.196 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

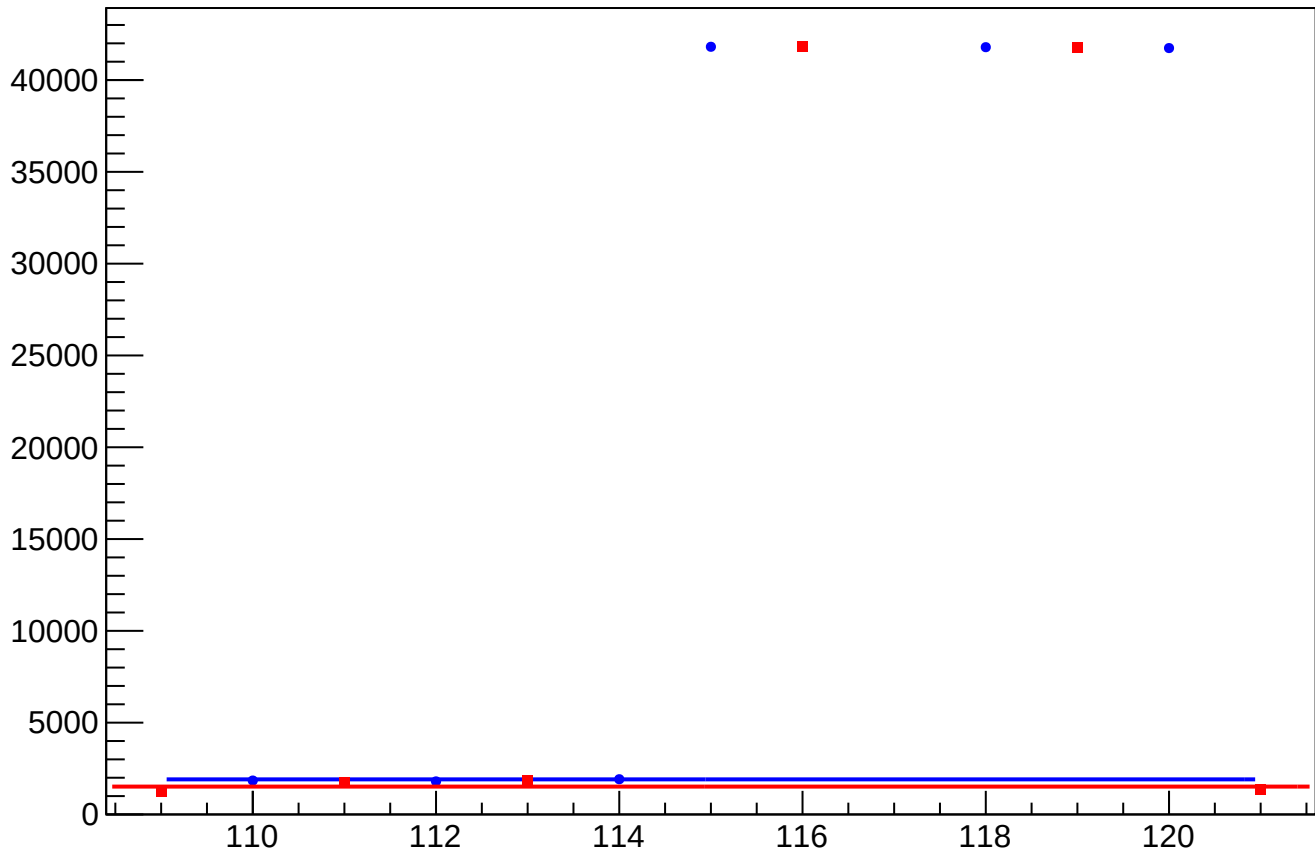
Right: -0.562+/-1.003 χ^2/NDF : 3.9/11

In: -0.402+/-1.843 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.562+/-1.003 χ^2/NDF : 3.9/11

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1911.218+/-1.303 χ^2/NDF : 1887944.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1517.695+/-0.846 χ^2/NDF : 1684276.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

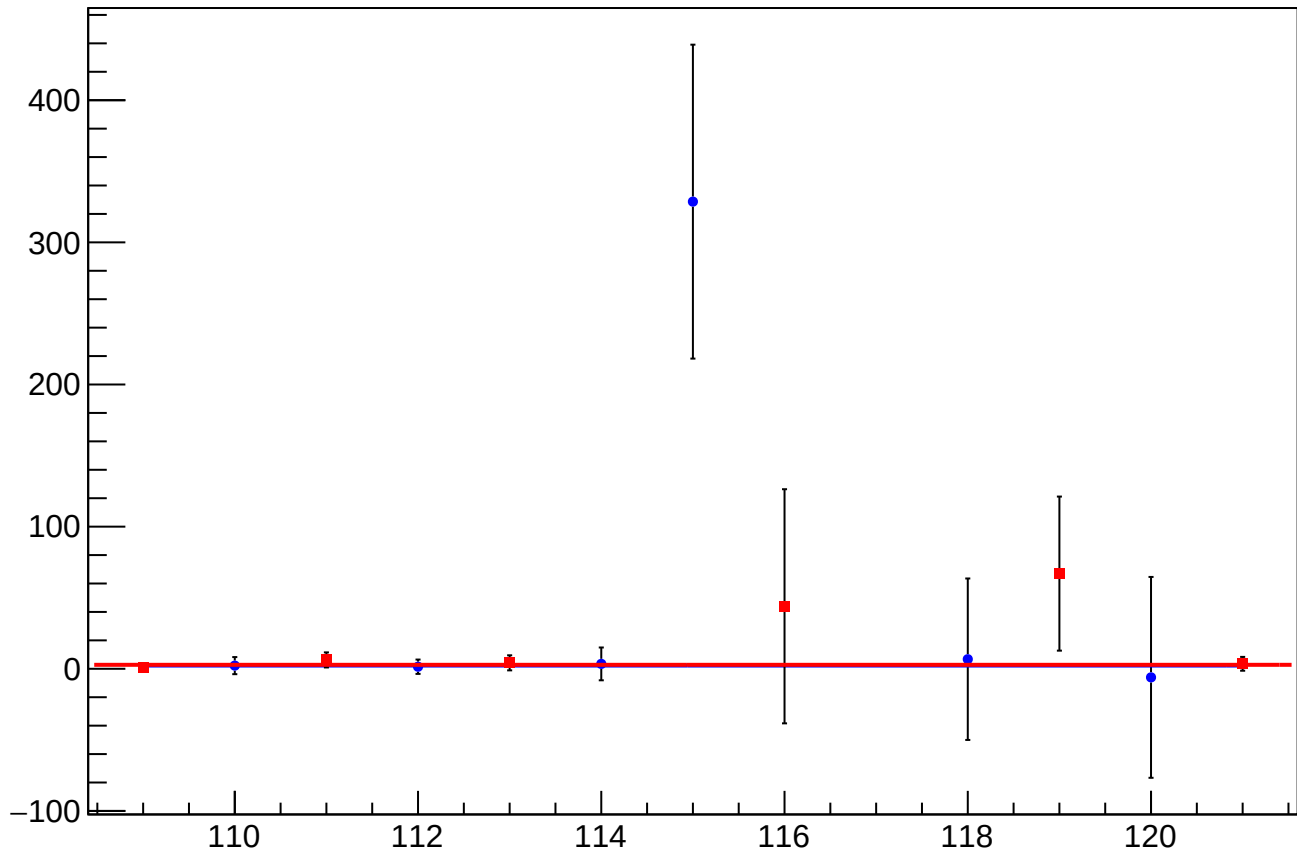
Right: 1634.313+/-0.709 χ^2/NDF : 3636402.6/11

In: 1911.218+/-1.303 χ^2/NDF : 1887944.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.313+/-0.709 χ^2/NDF : 3636402.6/11

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.298+/-3.648 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.796+/-2.061 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

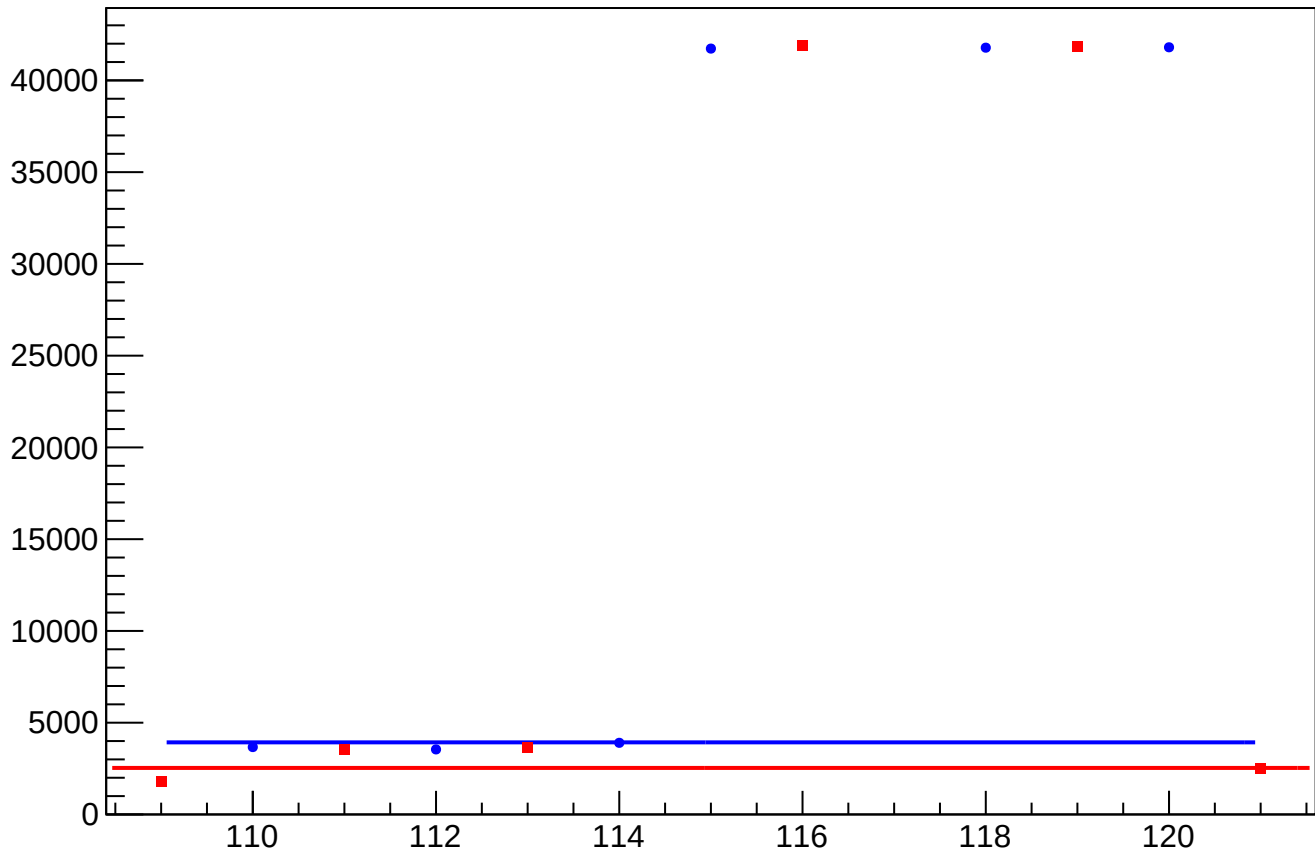
Right: 2.676+/-1.795 χ^2/NDF : 11.4/11

In: 2.298+/-3.648 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.676+/-1.795 χ^2/NDF : 11.4/11

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3928.643+/-2.580 χ^2/NDF : 1712865.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2535.286+/-1.457 χ^2/NDF : 1803492.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

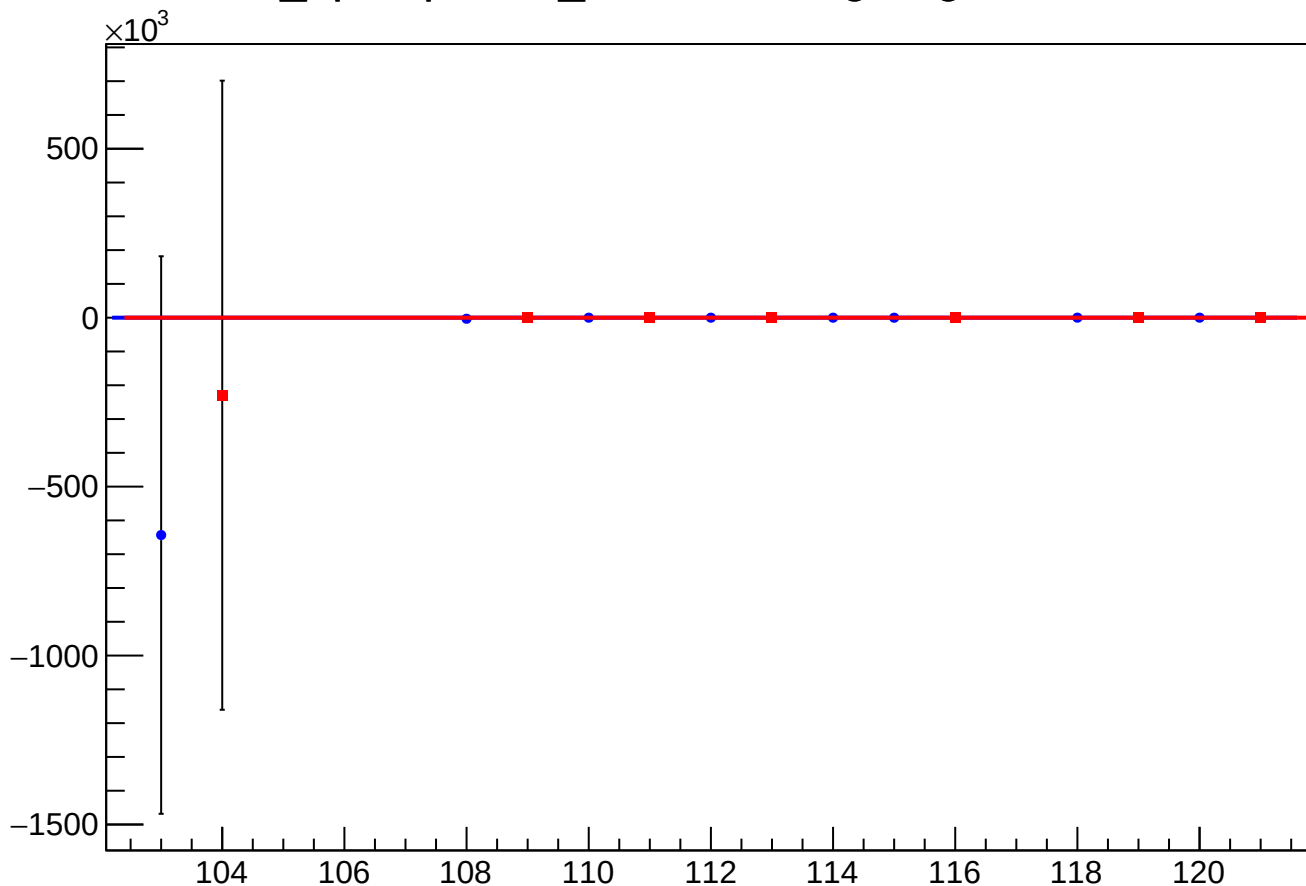
Right: 2872.427+/-1.269 χ^2/NDF : 3737492.7/11

In: 3928.643+/-2.580 χ^2/NDF : 1712865.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2872.427+/-1.269 χ^2/NDF : 3737492.7/11

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 5.062 $\pm$ 2.960 χ^2 /NDF: 8.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.585 $\pm$ 2.202 χ^2 /NDF: 8.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

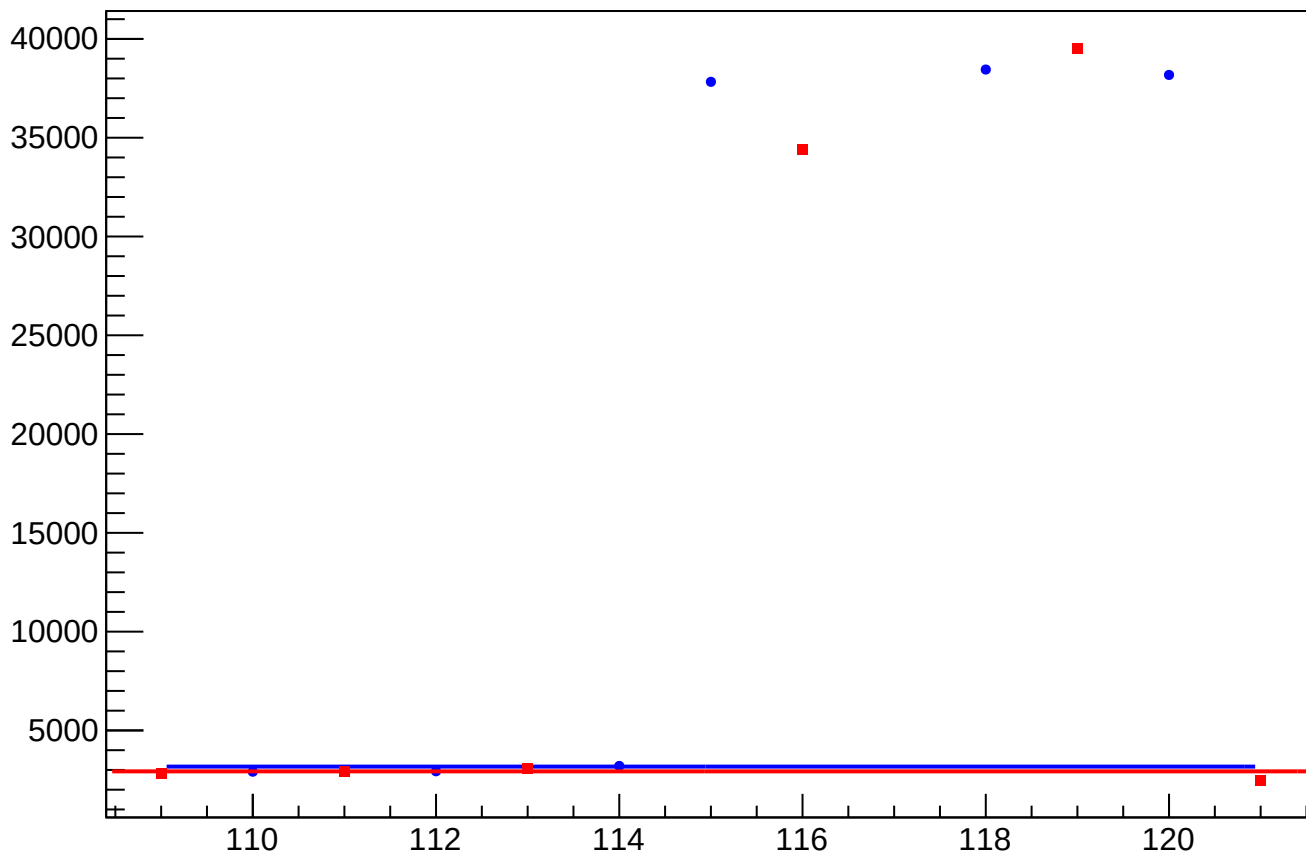
Right: 4.755 $\pm$ 1.767 χ^2 /NDF: 17.2/14

In: 5.062 $\pm$ 2.960 χ^2 /NDF: 8.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.755 $\pm$ 1.767 χ^2 /NDF: 17.2/14

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3169.308 $\pm$ 2.093 χ^2/NDF : 1746117.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2928.648 $\pm$ 1.557 χ^2/NDF : 1476321.2/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

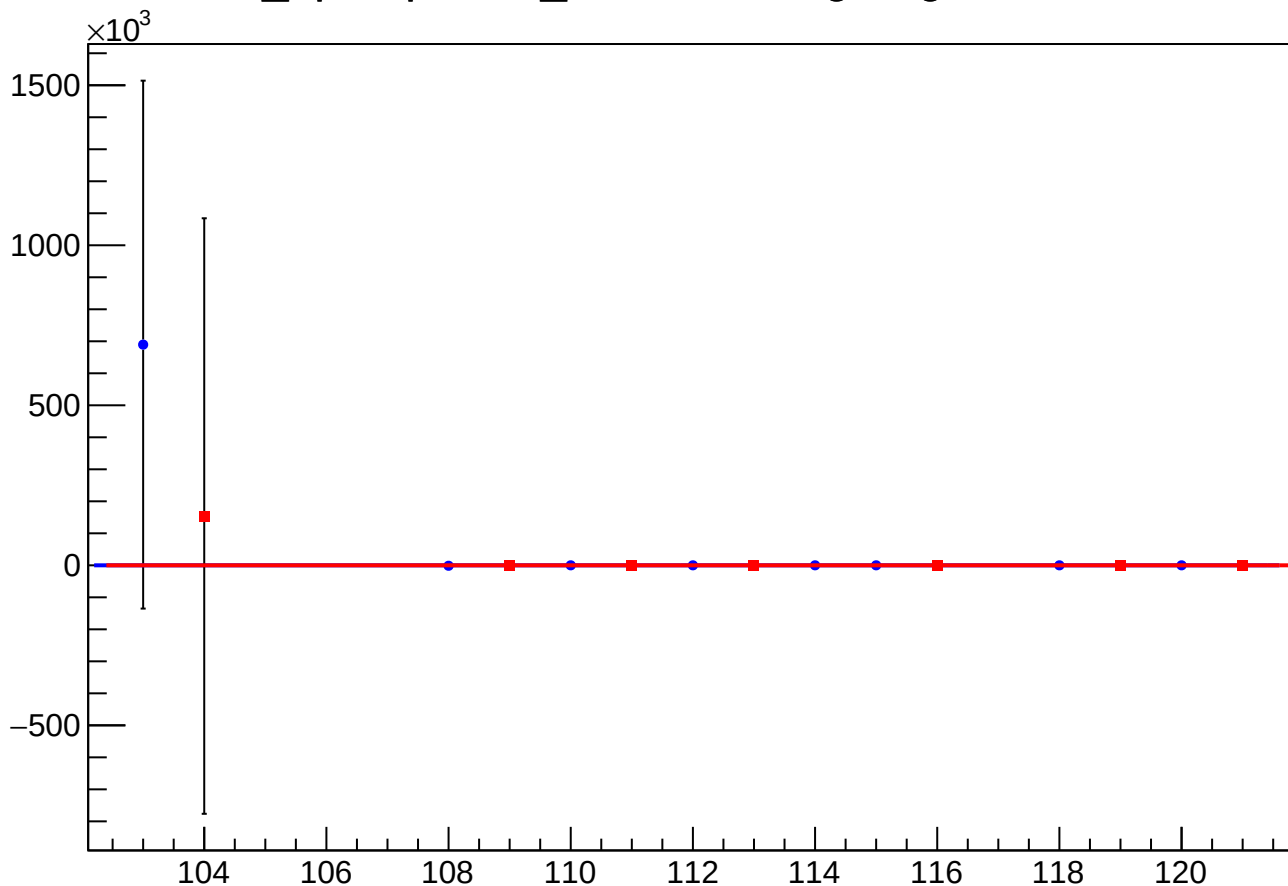
Right: 3014.356 $\pm$ 1.249 χ^2/NDF : 3230949.7/11

In: 3169.308 $\pm$ 2.093 χ^2/NDF : 1746117.2/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3014.356 $\pm$ 1.249 χ^2/NDF : 3230949.7/11

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.192+/-3.144 χ^2/NDF : 1.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.443+/-1.789 χ^2/NDF : 1.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

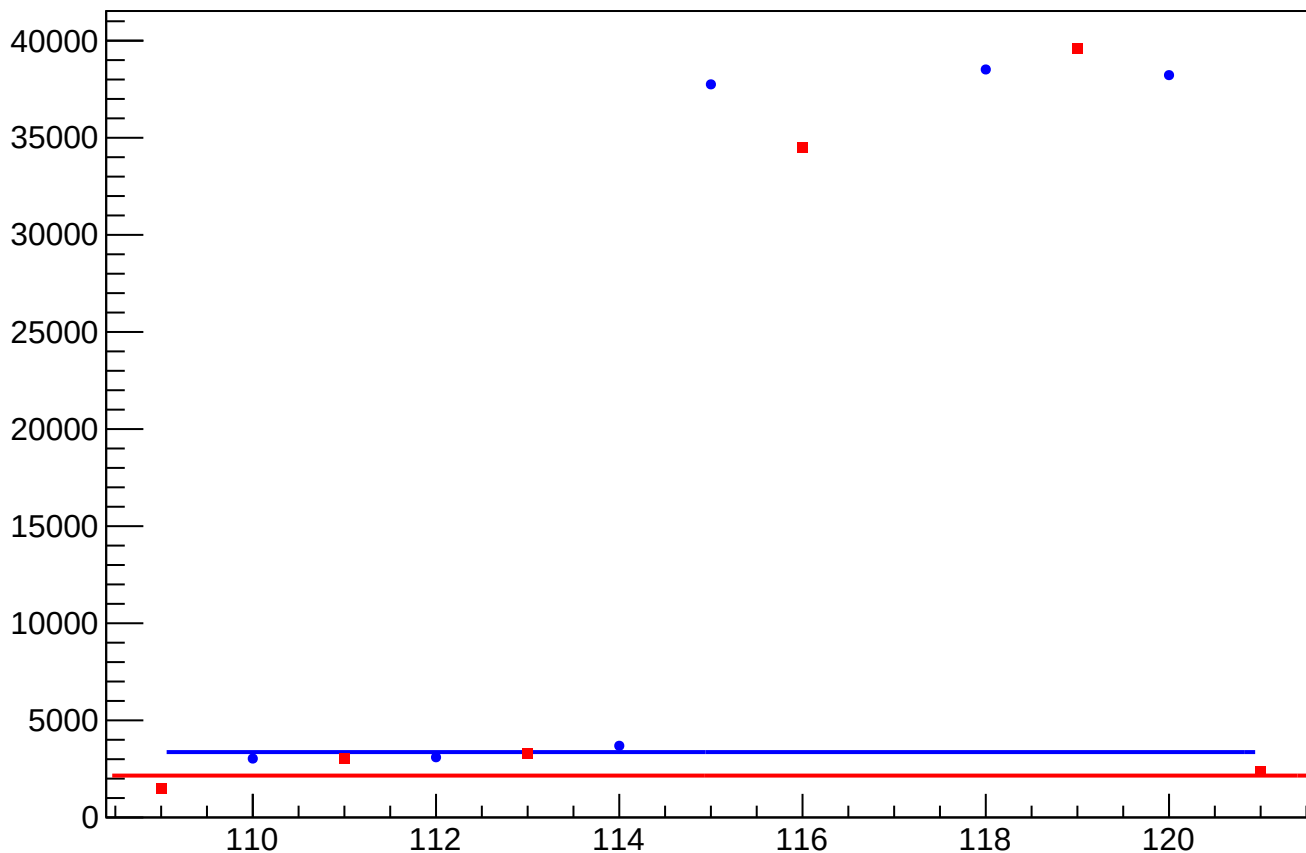
Right: 1.893+/-1.555 χ^2/NDF : 3.6/14

In: 0.192+/-3.144 χ^2/NDF : 1.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.893+/-1.555 χ^2/NDF : 3.6/14

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3366.286+/-2.223 χ^2/NDF : 1732670.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2156.022+/-1.265 χ^2/NDF : 1878062.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

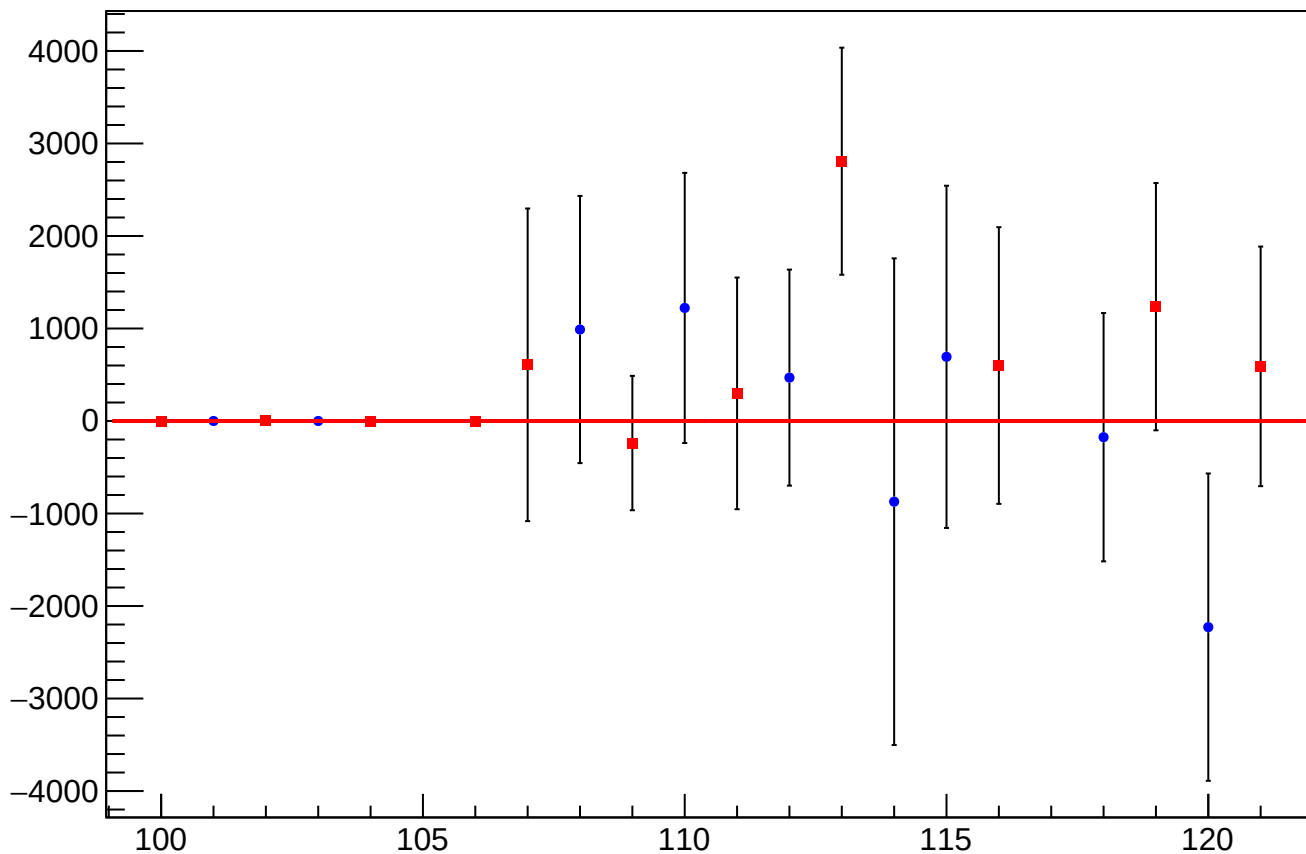
Right: 2451.881+/-1.099 χ^2/NDF : 3834581.5/11

In: 3366.286+/-2.223 χ^2/NDF : 1732670.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2451.881+/-1.099 χ^2/NDF : 3834581.5/11

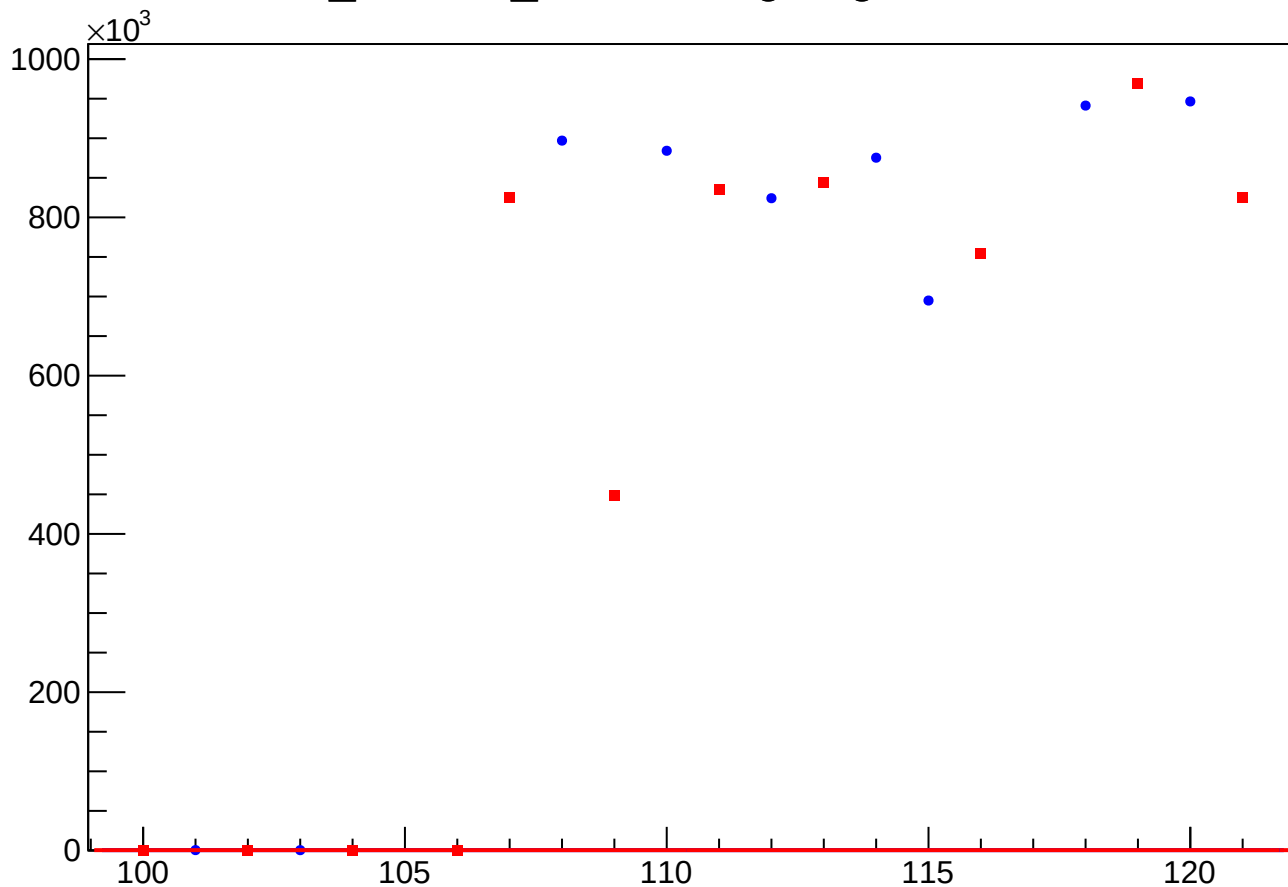
diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 3.4/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -0.096+/-0.328 χ^2/NDF : 10.3/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.066+/-0.241 χ^2/NDF : 14.2/19
In: 0.256+/-0.356 χ^2/NDF : 3.4/8
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.066+/-0.241 χ^2/NDF : 14.2/19

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.467 $\pm$ 0.251 χ^2/NDF : 3993800.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.018 $\pm$ 0.232 χ^2/NDF : 4653685.0/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

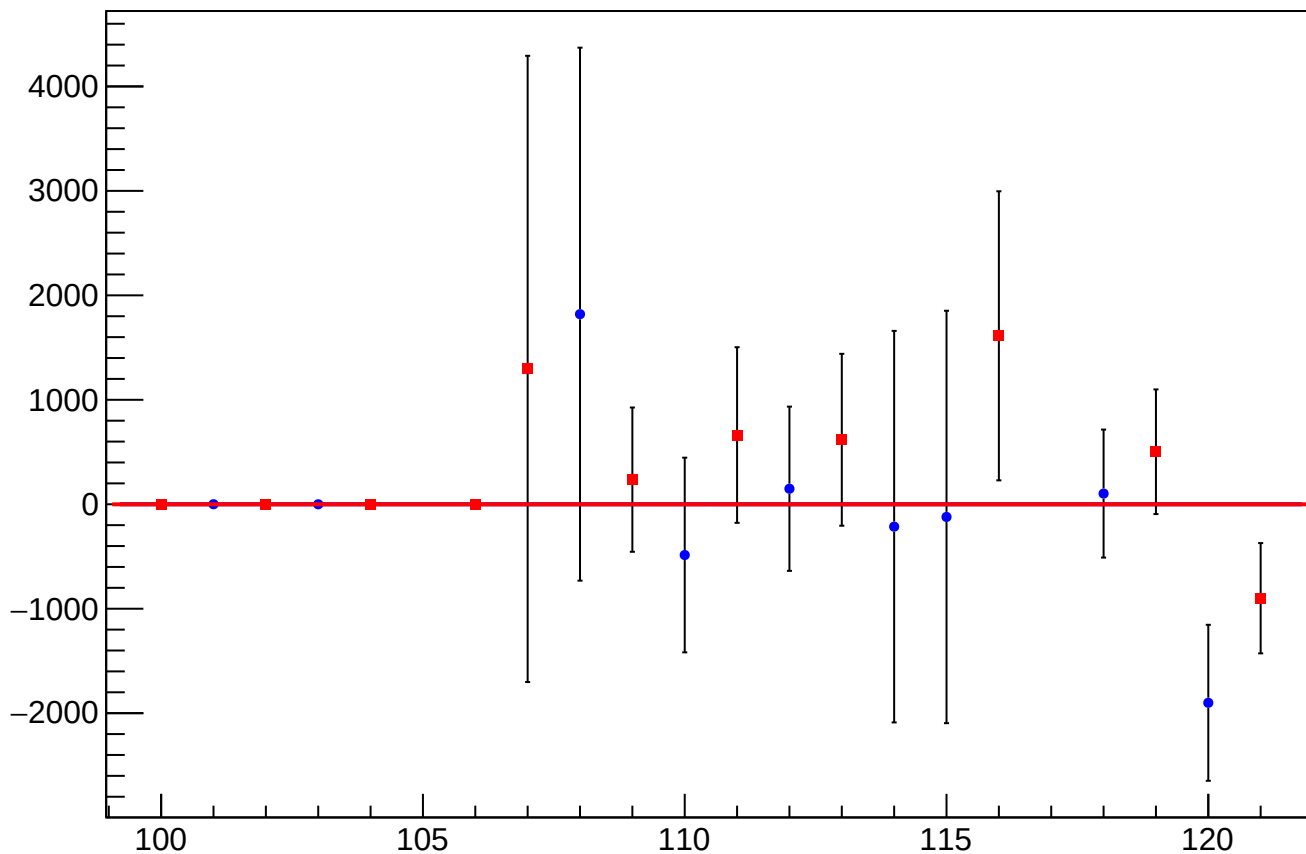
Right: 395.520 $\pm$ 0.170 χ^2/NDF : 8647739.7/19

In: 398.467 $\pm$ 0.251 χ^2/NDF : 3993800.8/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.520 $\pm$ 0.170 χ^2/NDF : 8647739.7/19

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 8.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 6.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

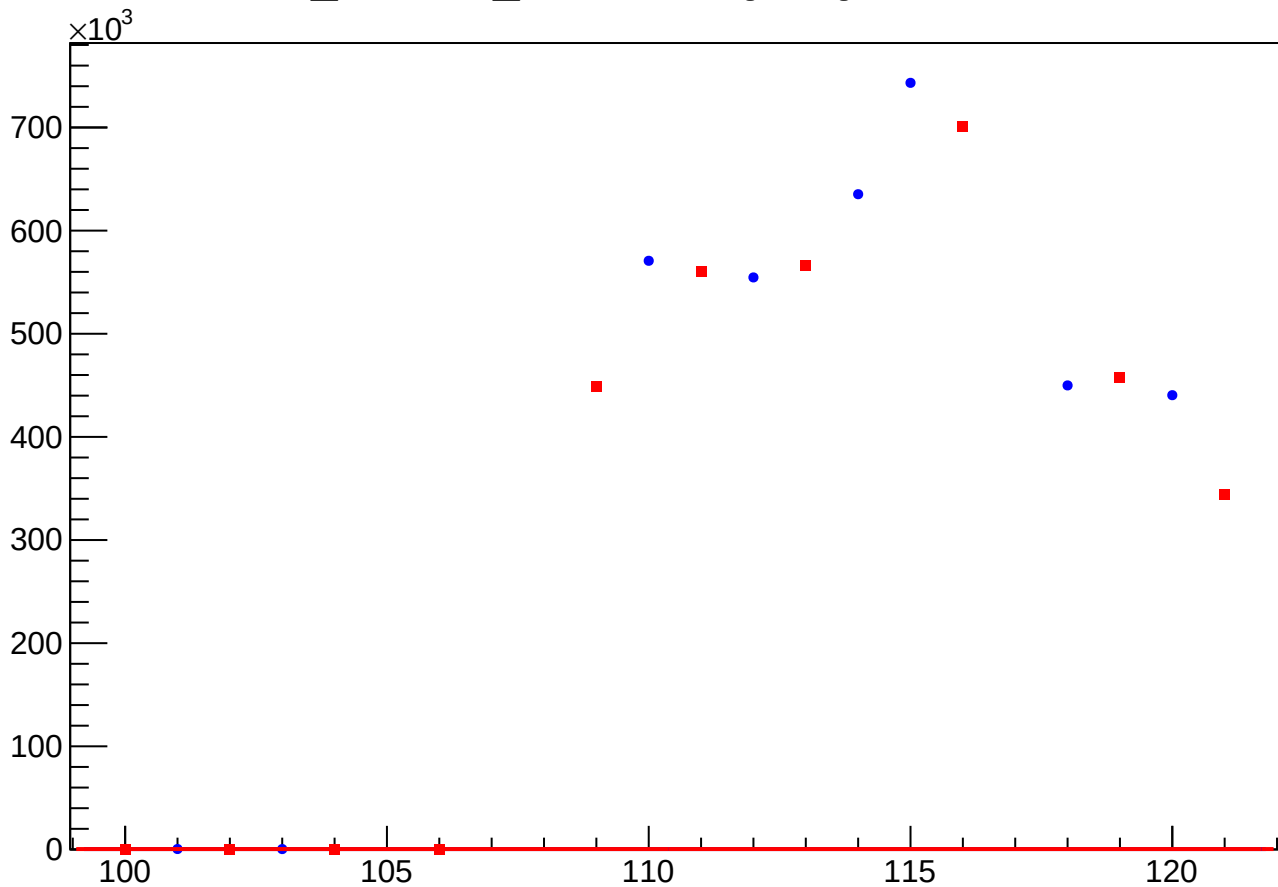
Right: -0.329 ± 0.237 χ^2/NDF : 16.1/19

In: -0.020 ± 0.347 χ^2/NDF : 8.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 16.1/19

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.137 $\pm$ 0.245 χ^2/NDF : 4039684.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.146 $\pm$ 0.229 χ^2/NDF : 5207675.7/9

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

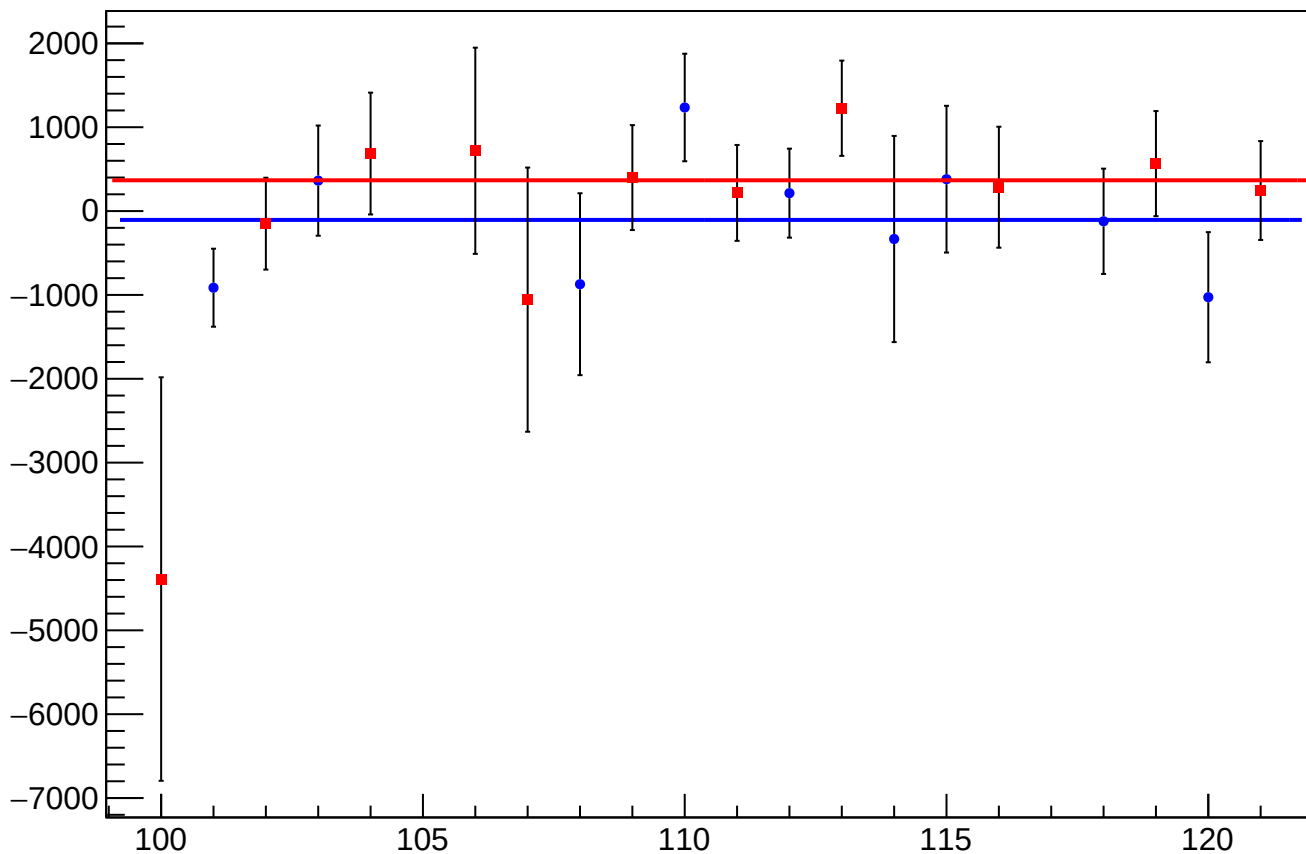
Right: 388.073 $\pm$ 0.167 χ^2/NDF : 9247395.3/17

In: 389.137 $\pm$ 0.245 χ^2/NDF : 4039684.5/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.073 $\pm$ 0.167 χ^2/NDF : 9247395.3/17

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -105.363+/-223.966 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.205+/-210.698 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

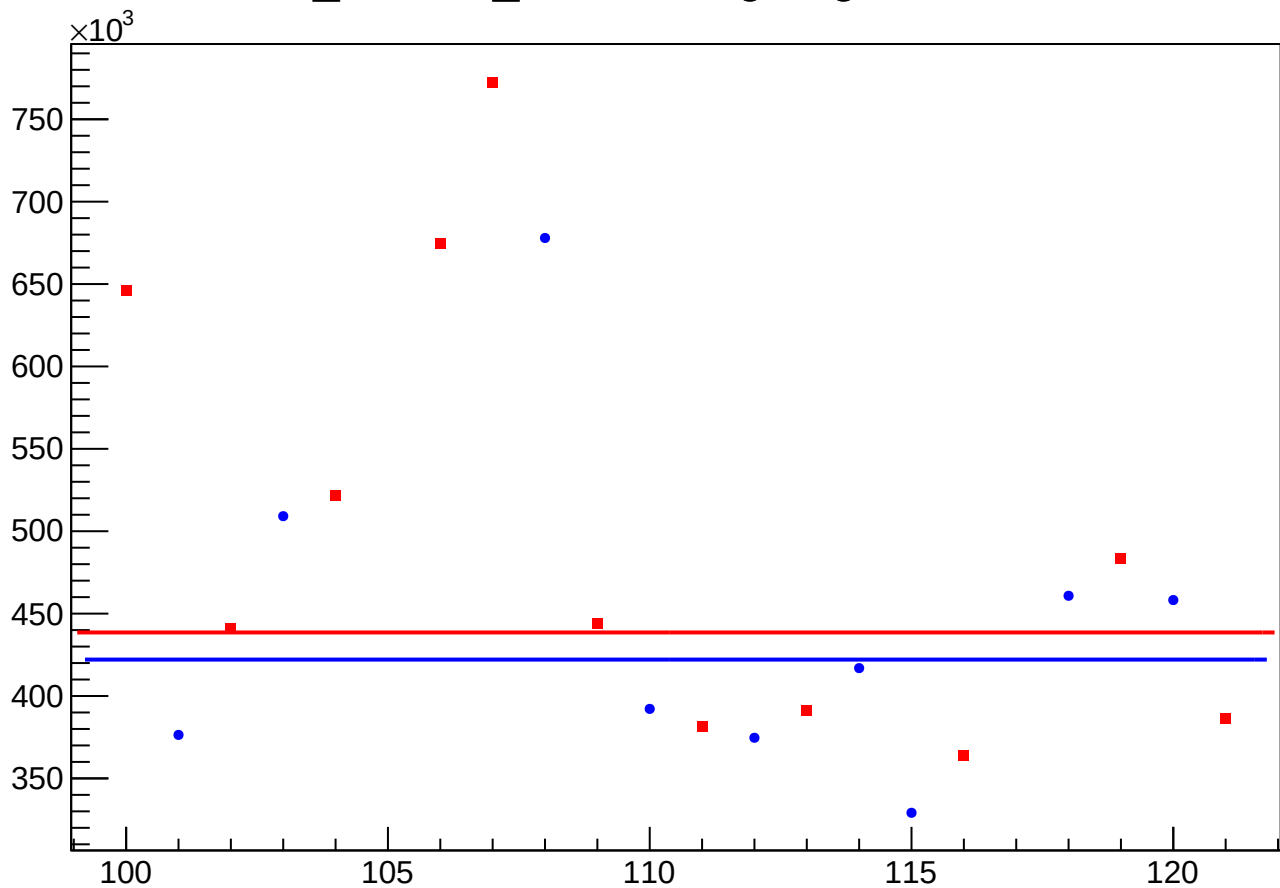
Right: 145.332+/-153.463 χ^2/NDF : 21.3/19

In: -105.363+/-223.966 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.332+/-153.463 χ^2/NDF : 21.3/19

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 422100.501 $\pm$ 158.368 χ^2/NDF : 220593.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 438564.035 $\pm$ 149.055 χ^2/NDF : 283548.9/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

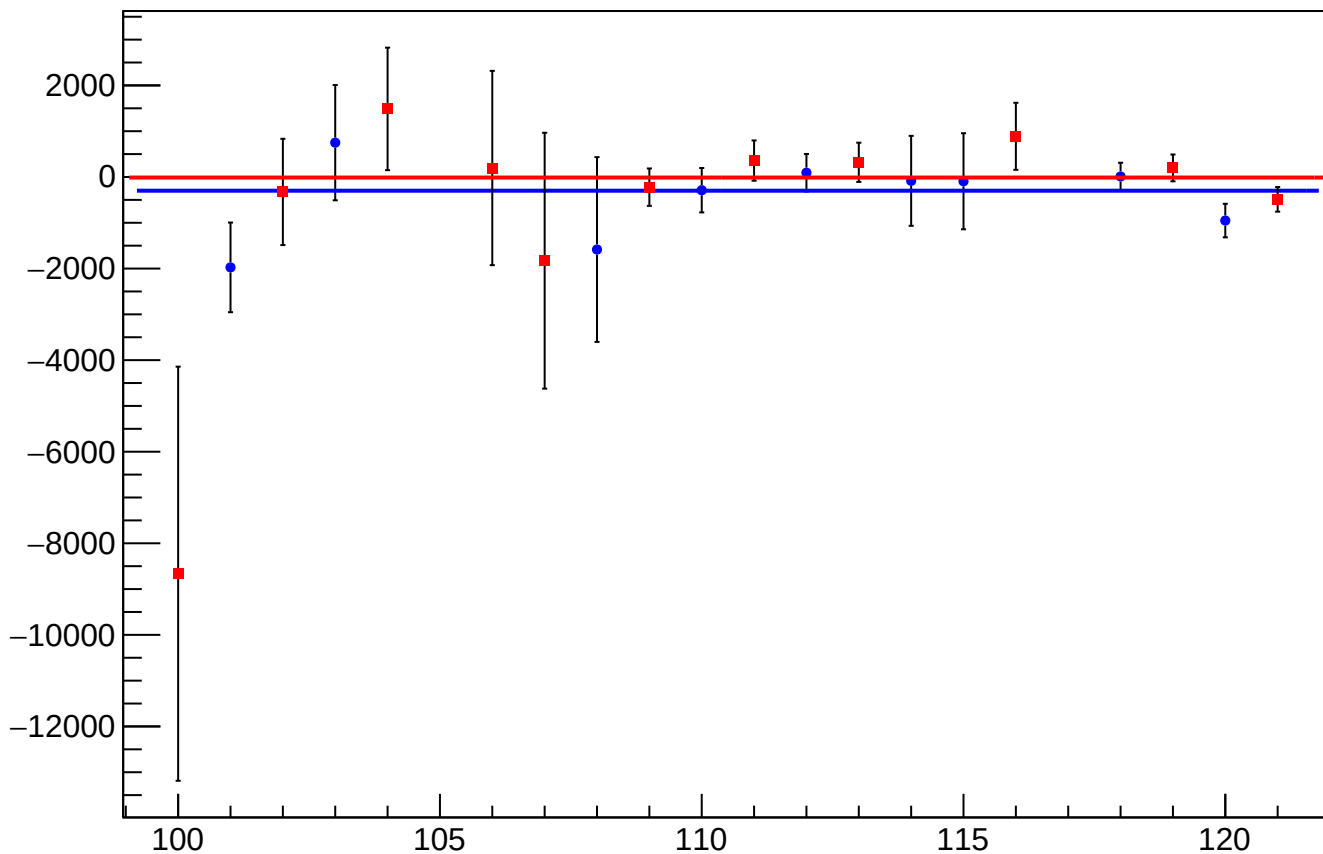
Right: 430830.570 $\pm$ 108.541 χ^2/NDF : 509872.7/19

In: 422100.501 $\pm$ 158.368 χ^2/NDF : 220593.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 430830.570 $\pm$ 108.541 χ^2/NDF : 509872.7/19

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -299.367+/-174.965 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.211+/-147.862 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

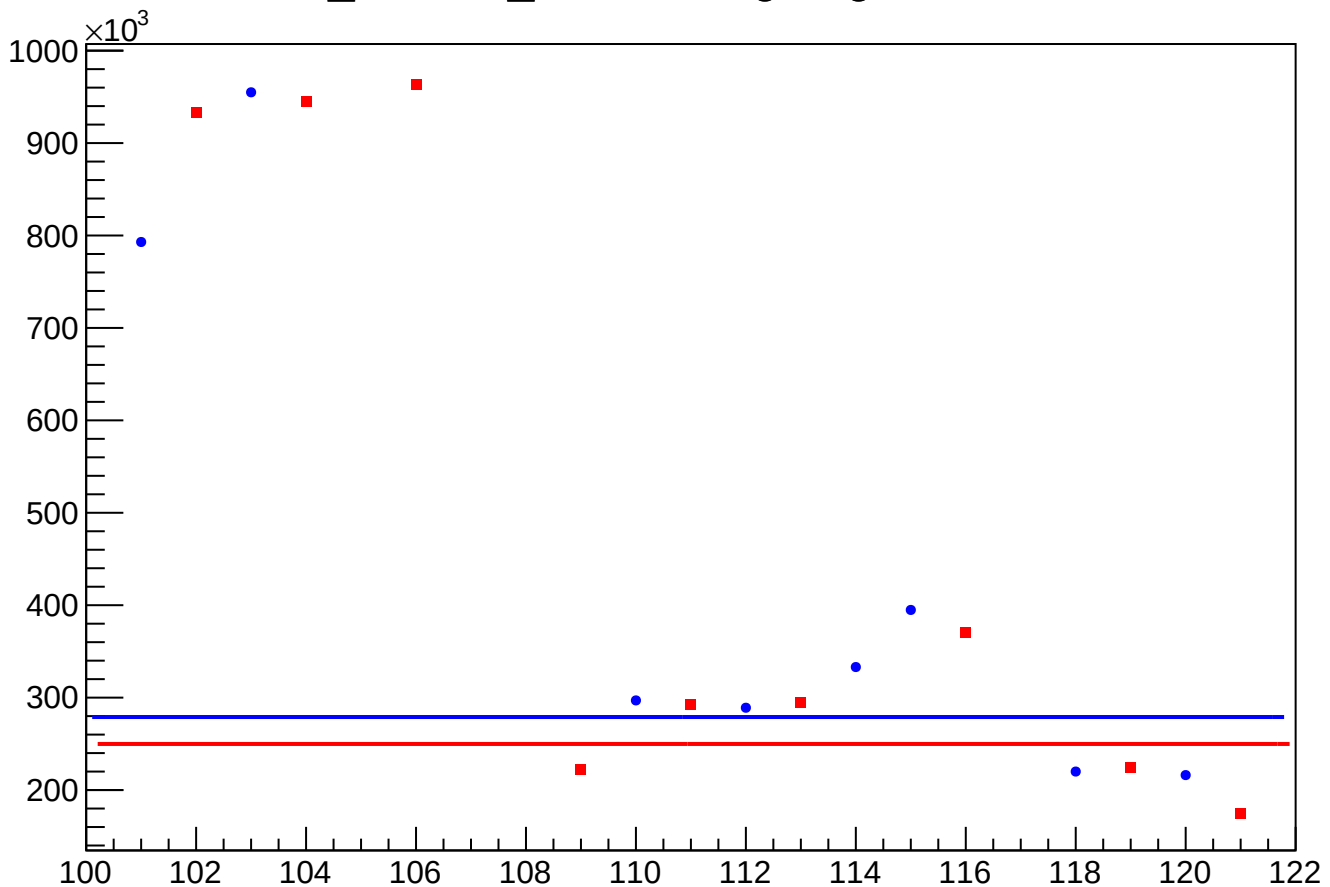
Right: -131.849+/-112.935 χ^2/NDF : 23.0/19

In: -299.367+/-174.965 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

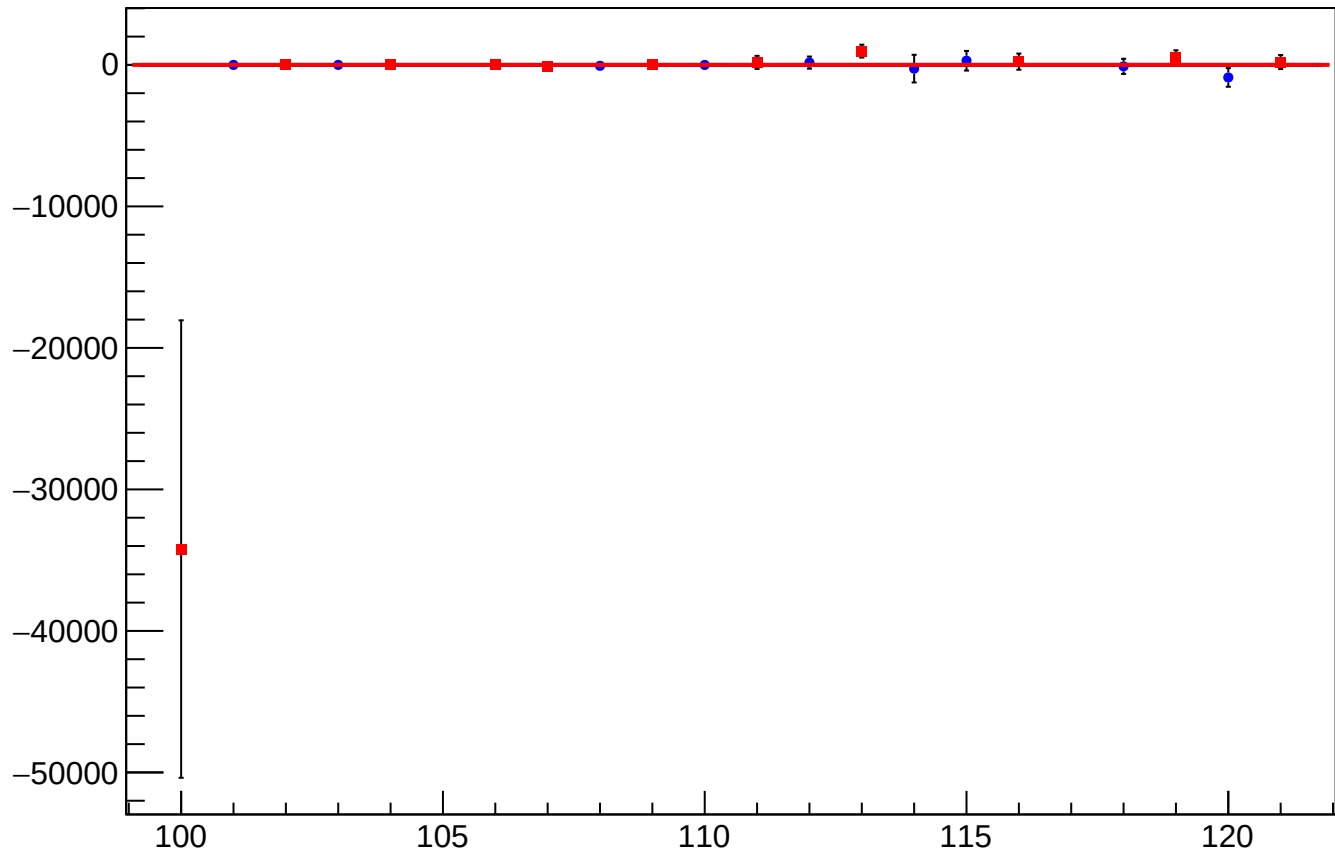
All: -131.849+/-112.935 χ^2/NDF : 23.0/19

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 279008.926 $\pm$ 124.573 χ^2/NDF : 1115142.9/7
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 249874.979 $\pm$ 105.303 χ^2/NDF : 1400505.3/8
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 279008.926 $\pm$ 124.573 χ^2/NDF : 1115142.9/7
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 262016.711 $\pm$ 80.420 χ^2/NDF : 2547549.0/16

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 3.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

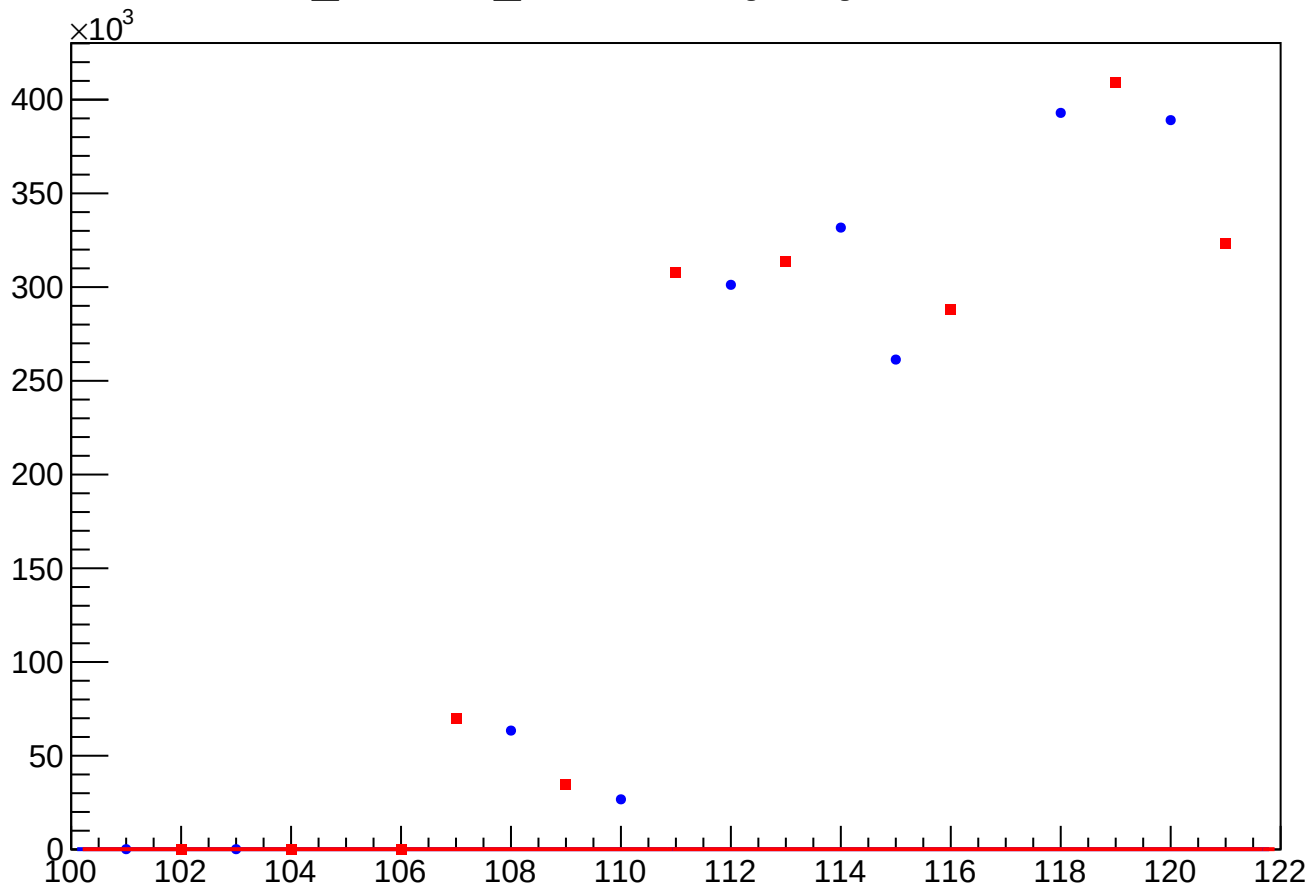
Right: 0.174+/-0.117 χ^2/NDF : 17.2/19

In: -0.035+/-0.172 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 17.2/19

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.763 $\pm$ 0.122 χ^2/NDF : 4335911.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.161 $\pm$ 0.113 χ^2/NDF : 5473595.6/9

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

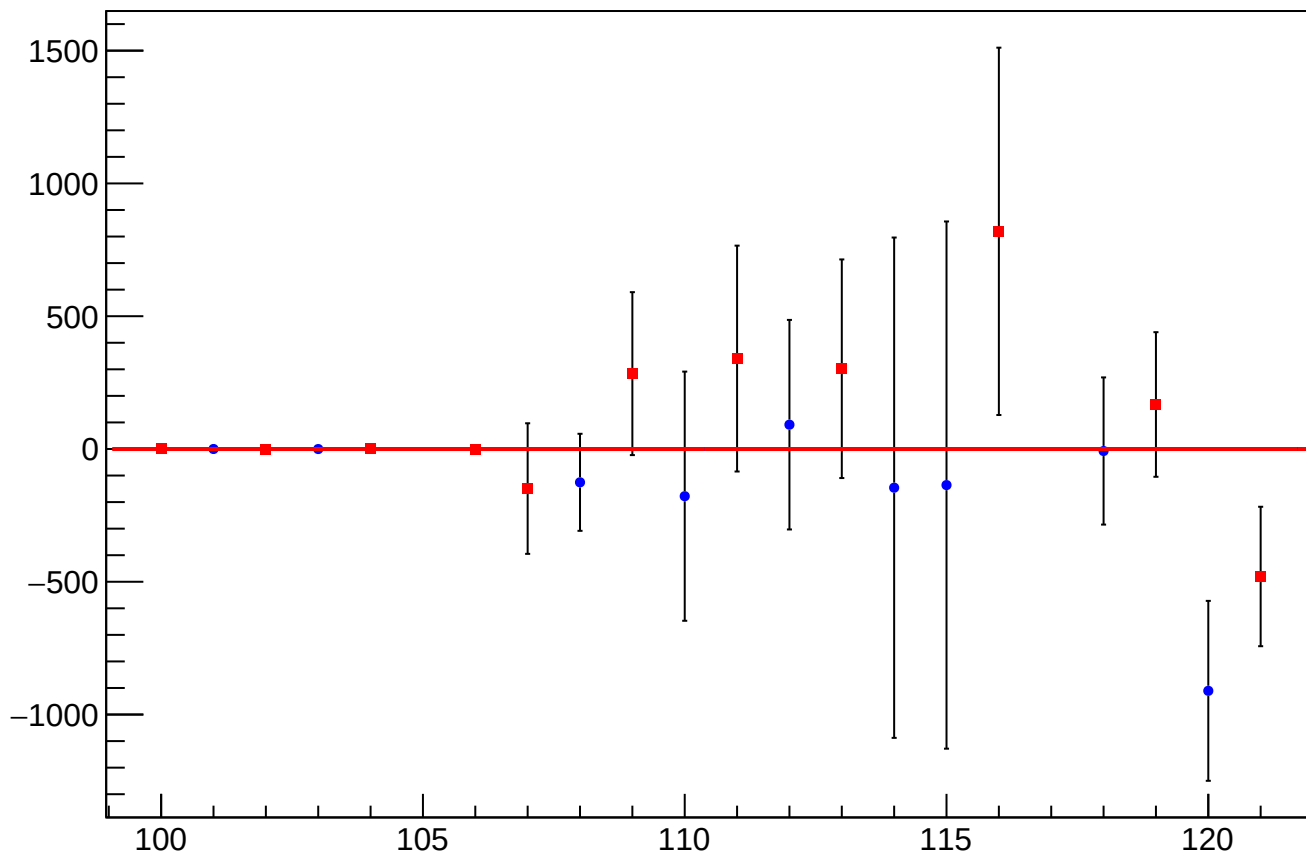
Right: 148.976 $\pm$ 0.083 χ^2/NDF : 9809512.7/18

In: 148.763 $\pm$ 0.122 χ^2/NDF : 4335911.5/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.976 $\pm$ 0.083 χ^2/NDF : 9809512.7/18

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 8.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.166 χ^2/NDF : 7.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

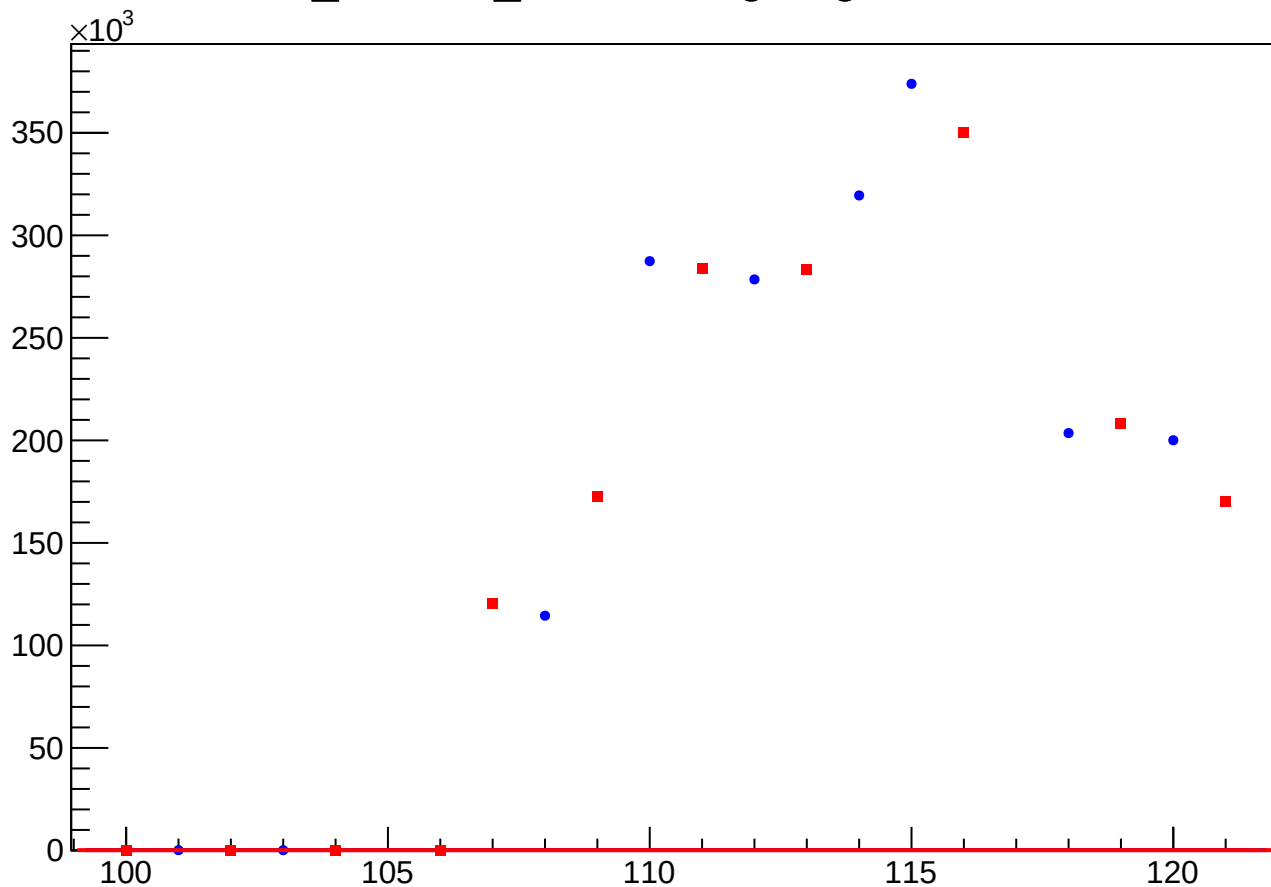
Right: -0.099 ± 0.121 χ^2/NDF : 15.9/19

In: -0.068 ± 0.177 χ^2/NDF : 8.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 15.9/19

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.880 $\pm$ 0.125 χ^2/NDF : 4816694.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.715 $\pm$ 0.118 χ^2/NDF : 5460746.3/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

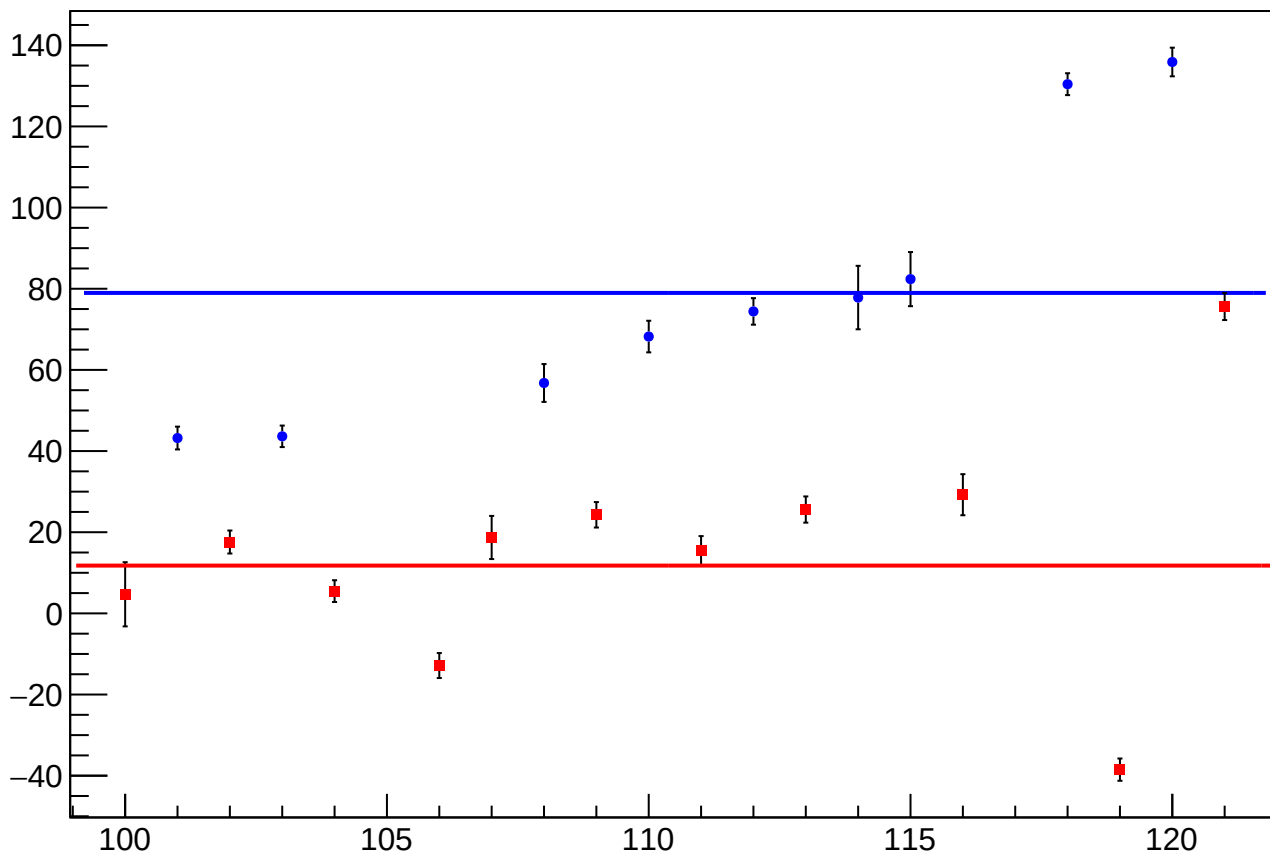
Right: 154.386 $\pm$ 0.086 χ^2/NDF : 10277712.7/19

In: 152.880 $\pm$ 0.125 χ^2/NDF : 4816694.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.386 $\pm$ 0.086 χ^2/NDF : 10277712.7/19

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 78.971+/-1.170 χ^2/NDF : 996.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.778+/-1.022 χ^2/NDF : 824.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

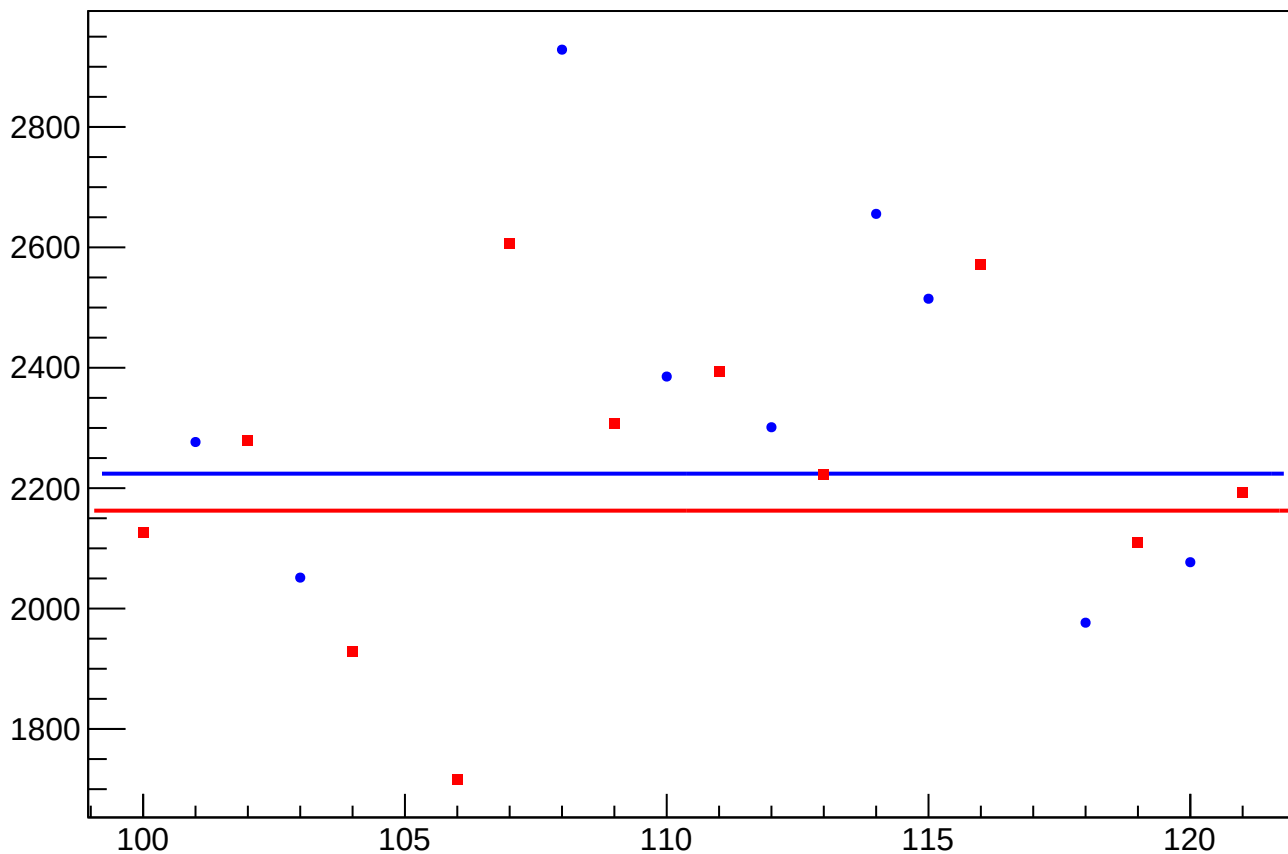
Right: 40.887+/-0.770 χ^2/NDF : 3691.8/19

In: 78.971+/-1.170 χ^2/NDF : 996.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.887+/-0.770 χ^2/NDF : 3691.8/19

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2224.085+/-0.827 χ^2/NDF : 89574.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2162.644+/-0.723 χ^2/NDF : 101931.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

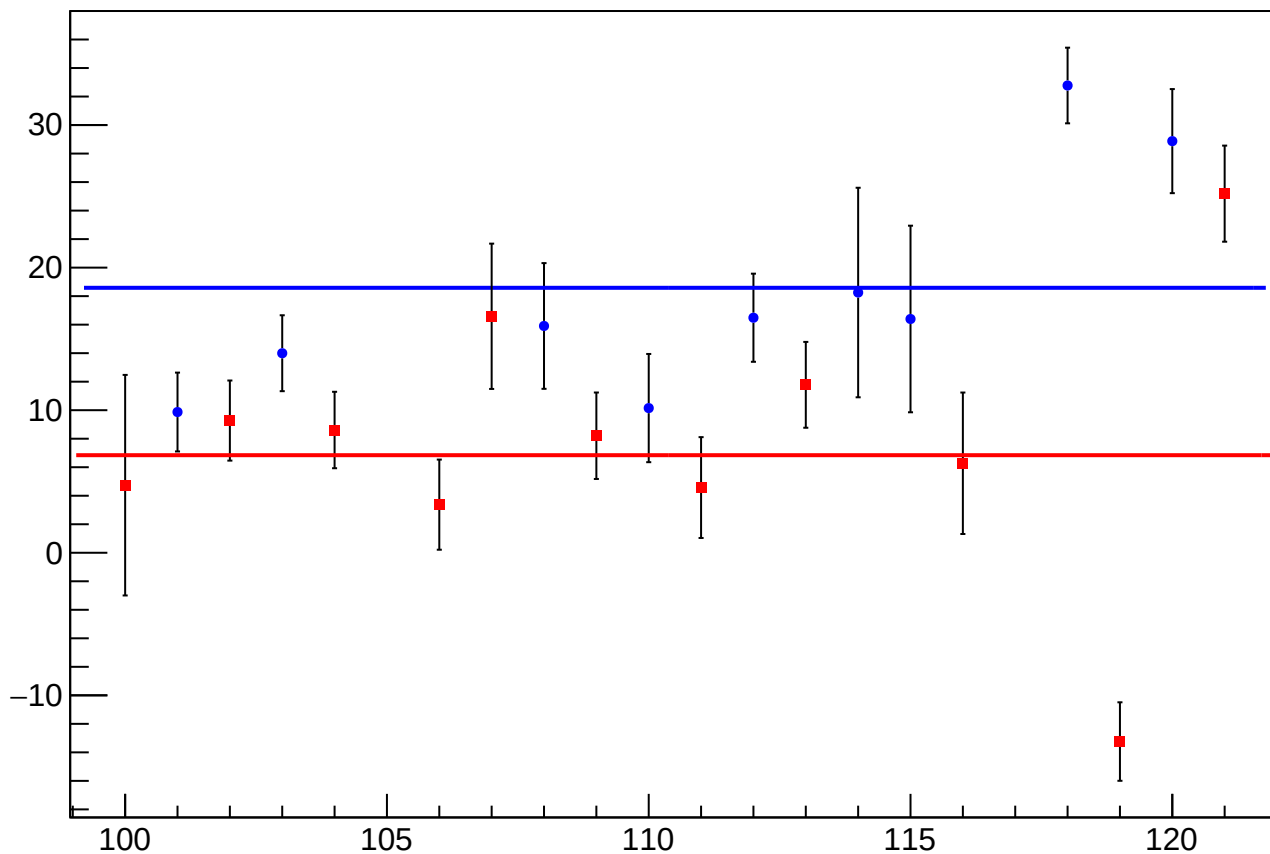
Right: 2189.261+/-0.544 χ^2/NDF : 194634.1/19

In: 2224.085+/-0.827 χ^2/NDF : 89574.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.261+/-0.544 χ^2/NDF : 194634.1/19

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 18.585 $\pm$ 1.150 χ^2 /NDF: 55.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.844 $\pm$ 1.010 χ^2 /NDF: 92.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

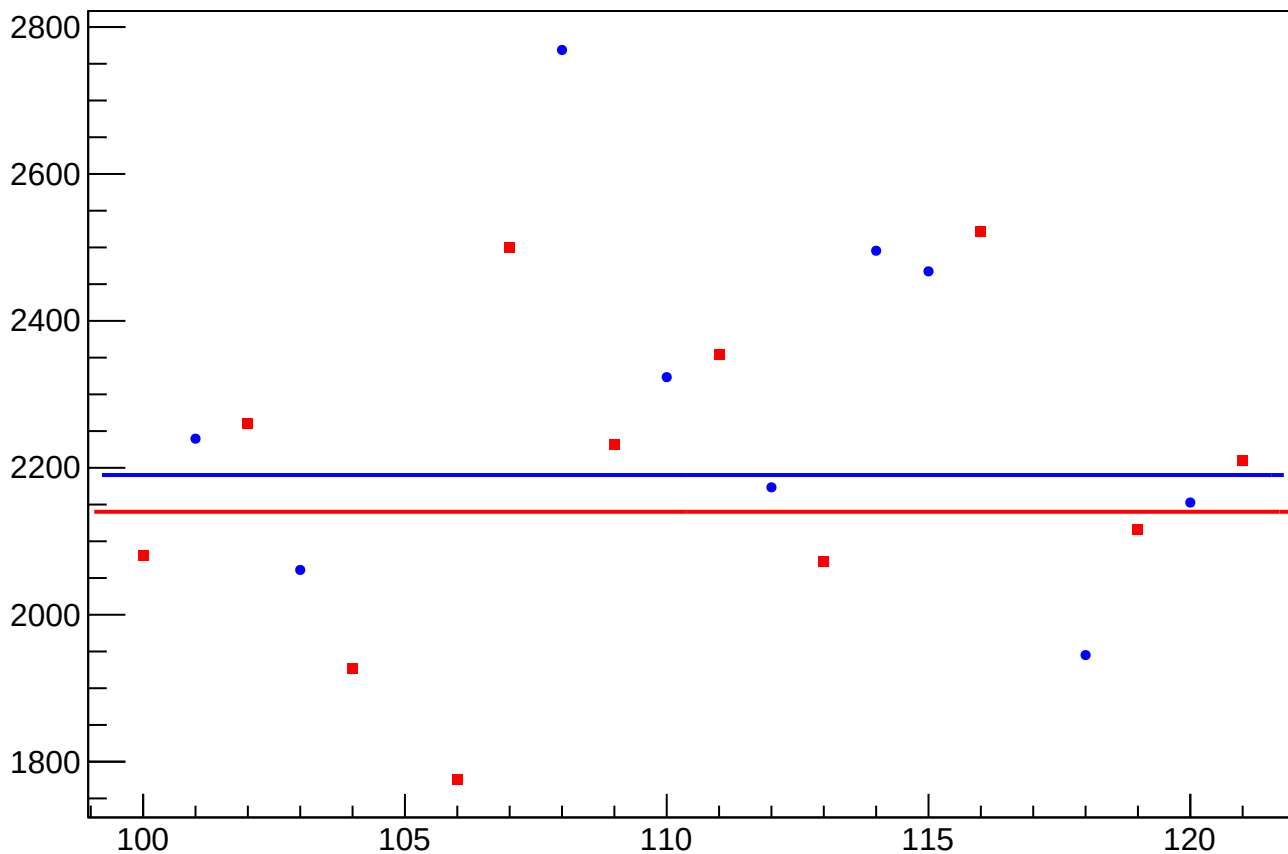
Right: 11.956 $\pm$ 0.759 χ^2 /NDF: 206.5/19

In: 18.585 $\pm$ 1.150 χ^2 /NDF: 55.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.956 $\pm$ 0.759 χ^2 /NDF: 206.5/19

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2190.210+/-0.813 χ^2/NDF : 66632.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2140.174+/-0.714 χ^2/NDF : 76022.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

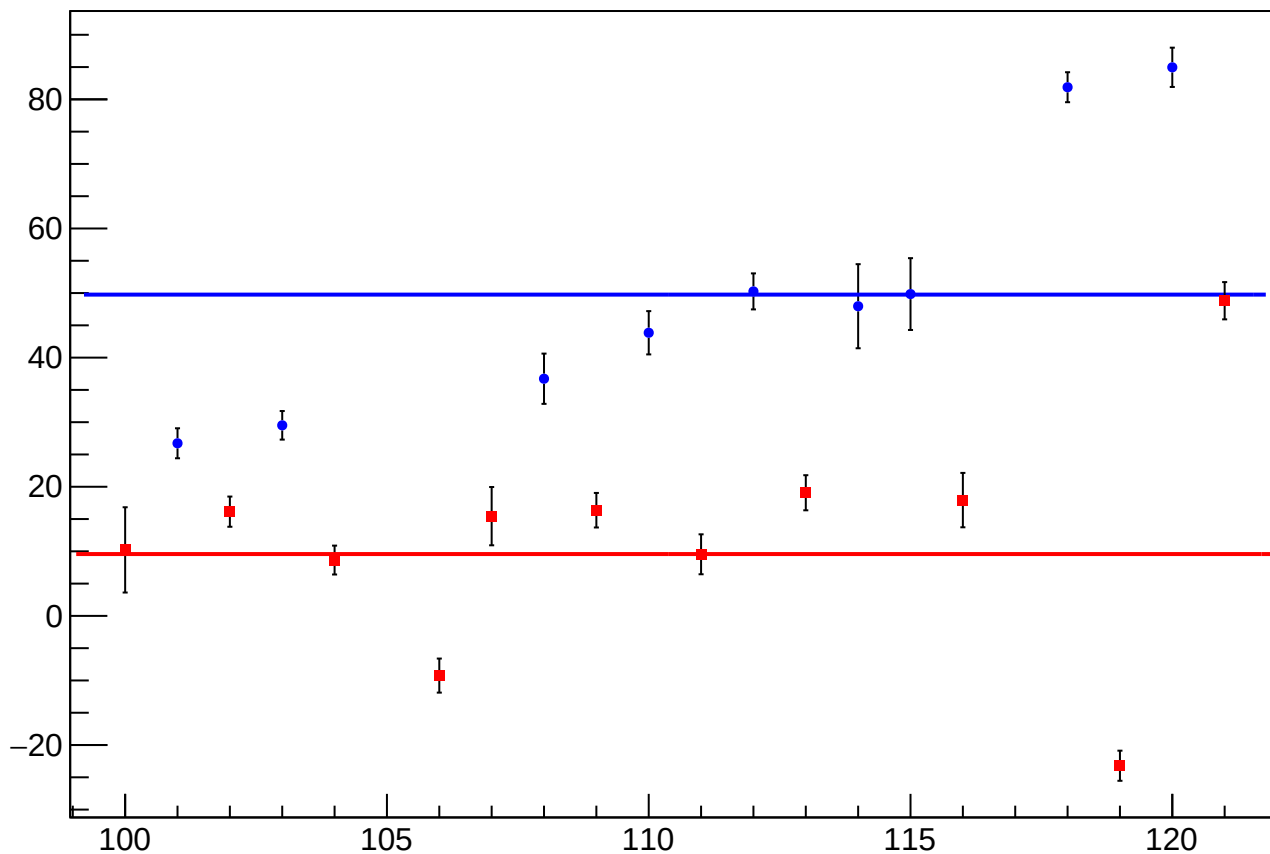
Right: 2161.960+/-0.536 χ^2/NDF : 144793.1/19

In: 2190.210+/-0.813 χ^2/NDF : 66632.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2161.960+/-0.536 χ^2/NDF : 144793.1/19

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 49.759+/-0.989 χ^2/NDF : 521.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.577+/-0.864 χ^2/NDF : 465.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

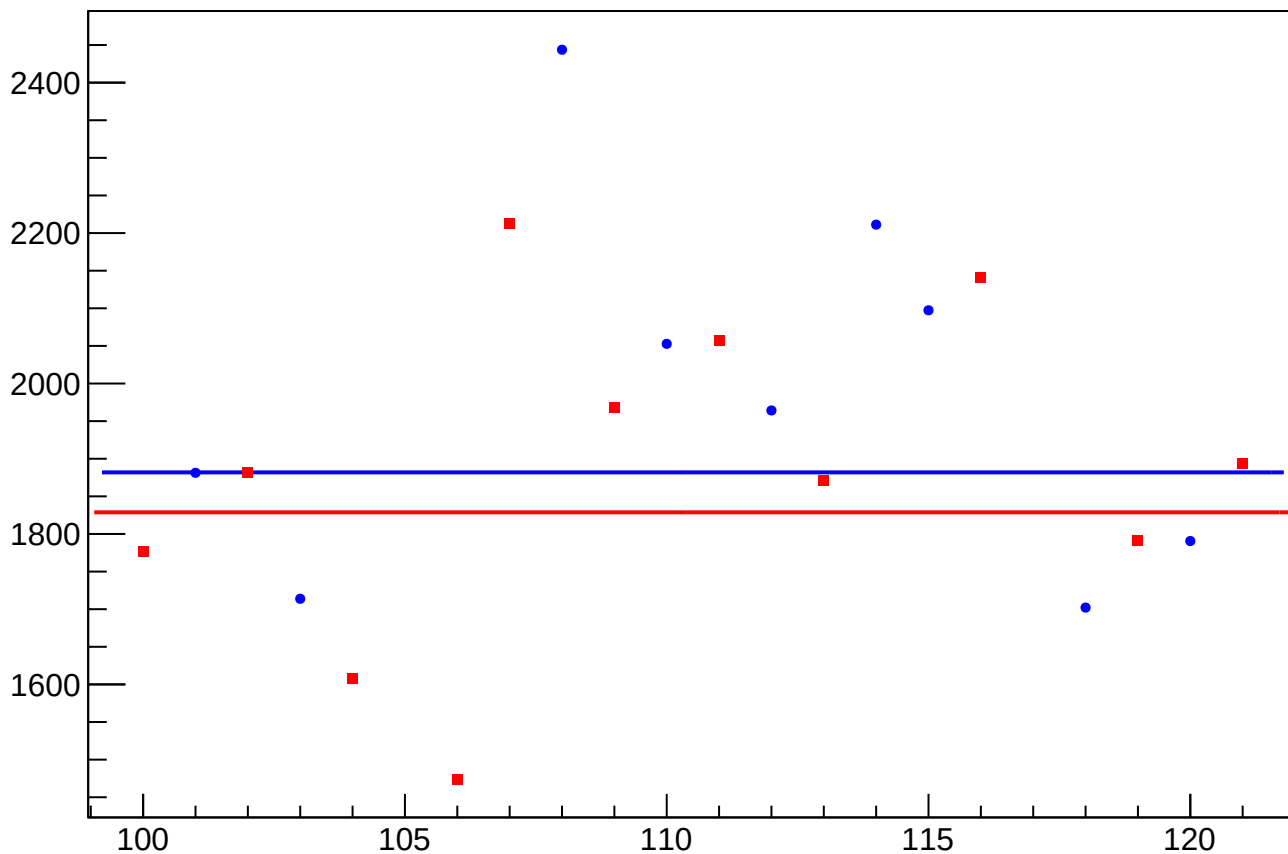
Right: 26.981+/-0.651 χ^2/NDF : 1923.3/19

In: 49.759+/-0.989 χ^2/NDF : 521.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.981+/-0.651 χ^2/NDF : 1923.3/19

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1881.876 $\pm$ 0.699 χ^2 /NDF: 82060.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1828.752 $\pm$ 0.611 χ^2 /NDF: 100760.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

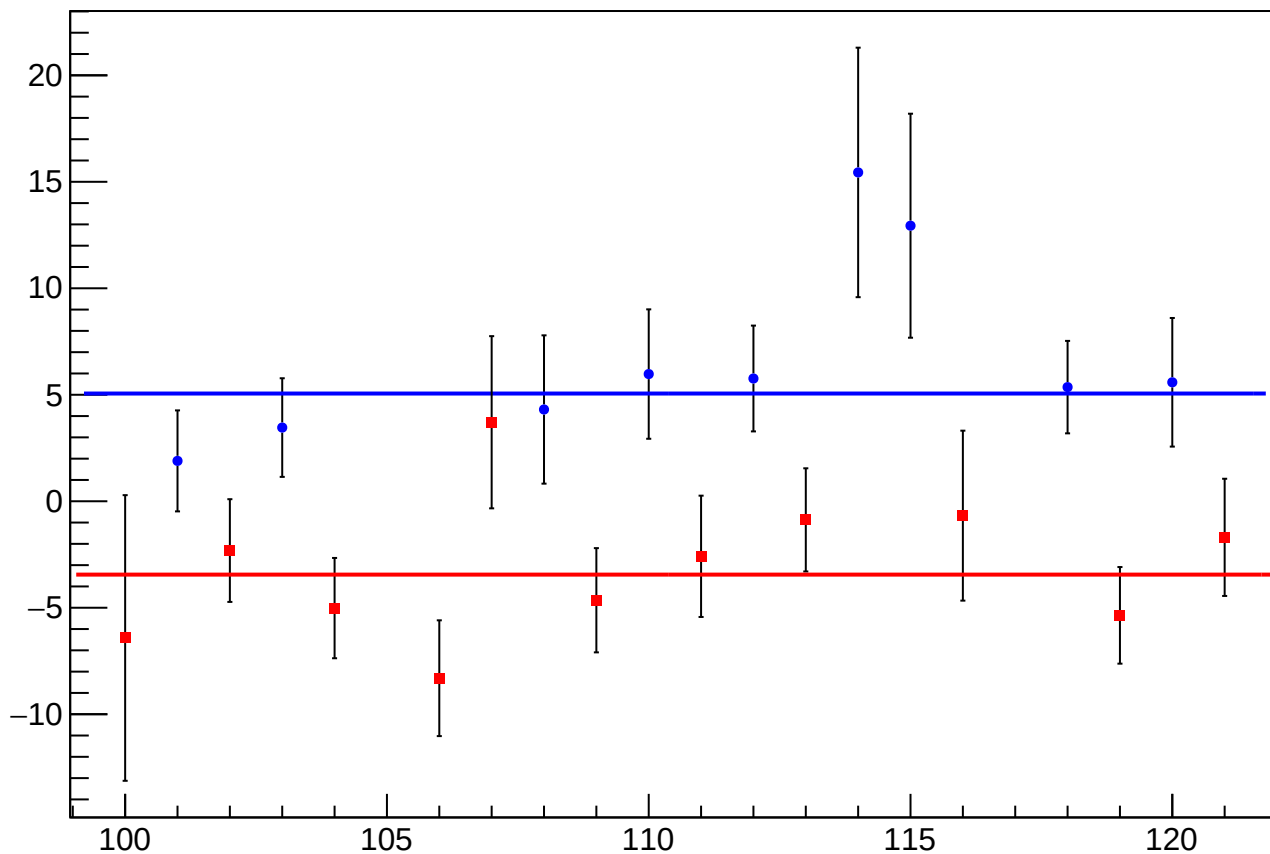
Right: 1851.762 $\pm$ 0.460 χ^2 /NDF: 186092.5/19

In: 1881.876 $\pm$ 0.699 χ^2 /NDF:82060.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1851.762 $\pm$ 0.460 χ^2 /NDF: 186092.5/19

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.058+/-0.952 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.444+/-0.839 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

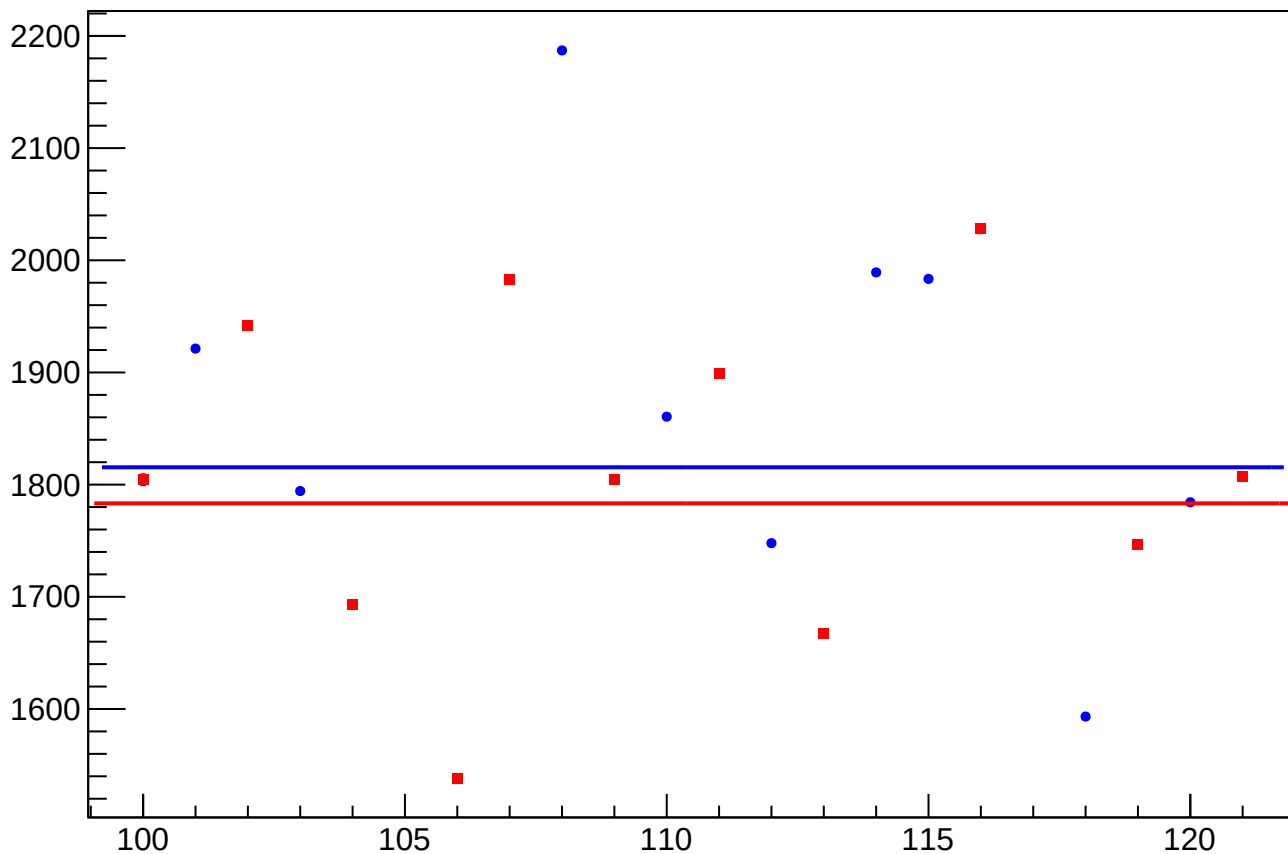
Right: 0.274+/-0.629 χ^2/NDF : 63.1/19

In: 5.058+/-0.952 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.274+/-0.629 χ^2/NDF : 63.1/19

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1815.469+/-0.673 χ^2/NDF : 53827.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1783.313+/-0.593 χ^2/NDF : 48959.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

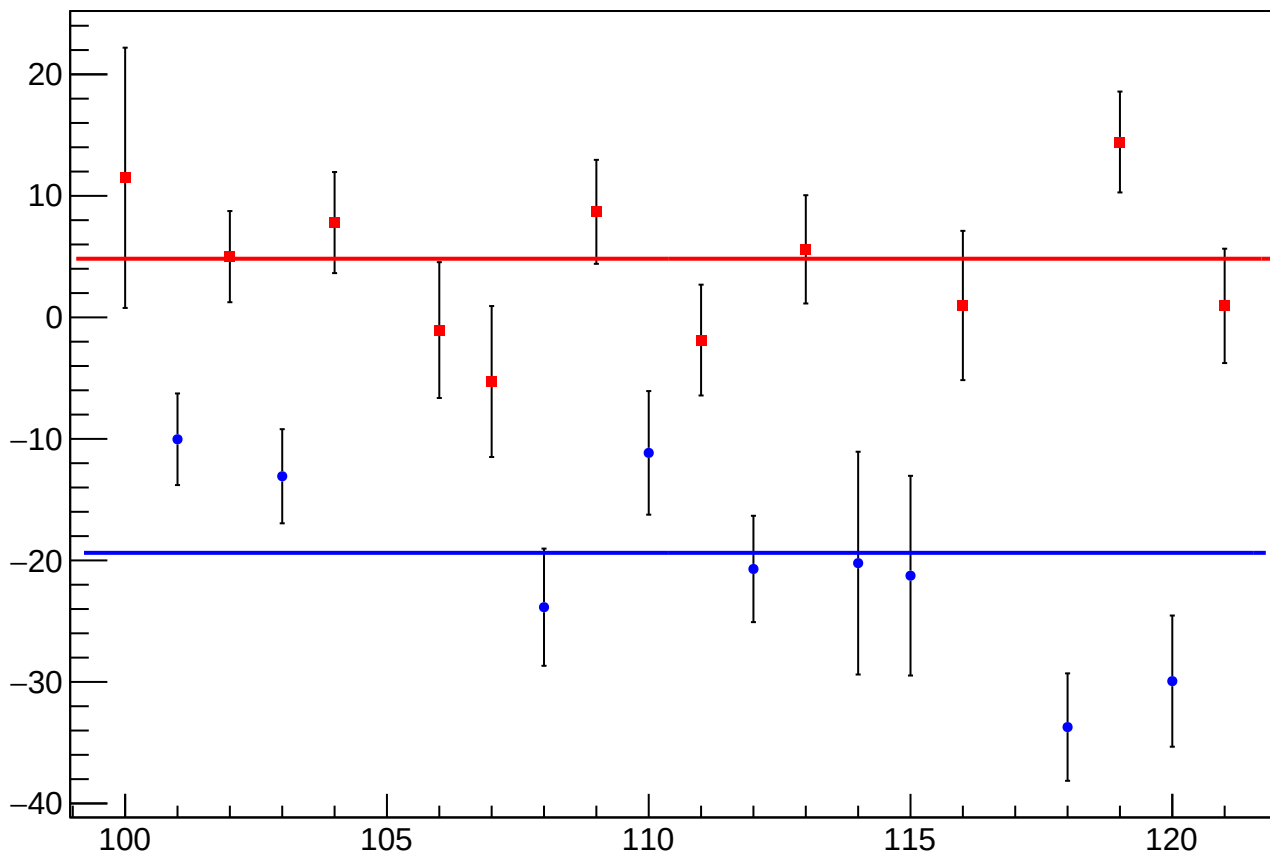
Right: 1797.375+/-0.445 χ^2/NDF : 104072.9/19

In: 1815.469+/-0.673 χ^2/NDF : 53827.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1797.375+/-0.445 χ^2/NDF : 104072.9/19

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.376+/-1.616 χ^2/NDF : 26.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.827+/-1.446 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

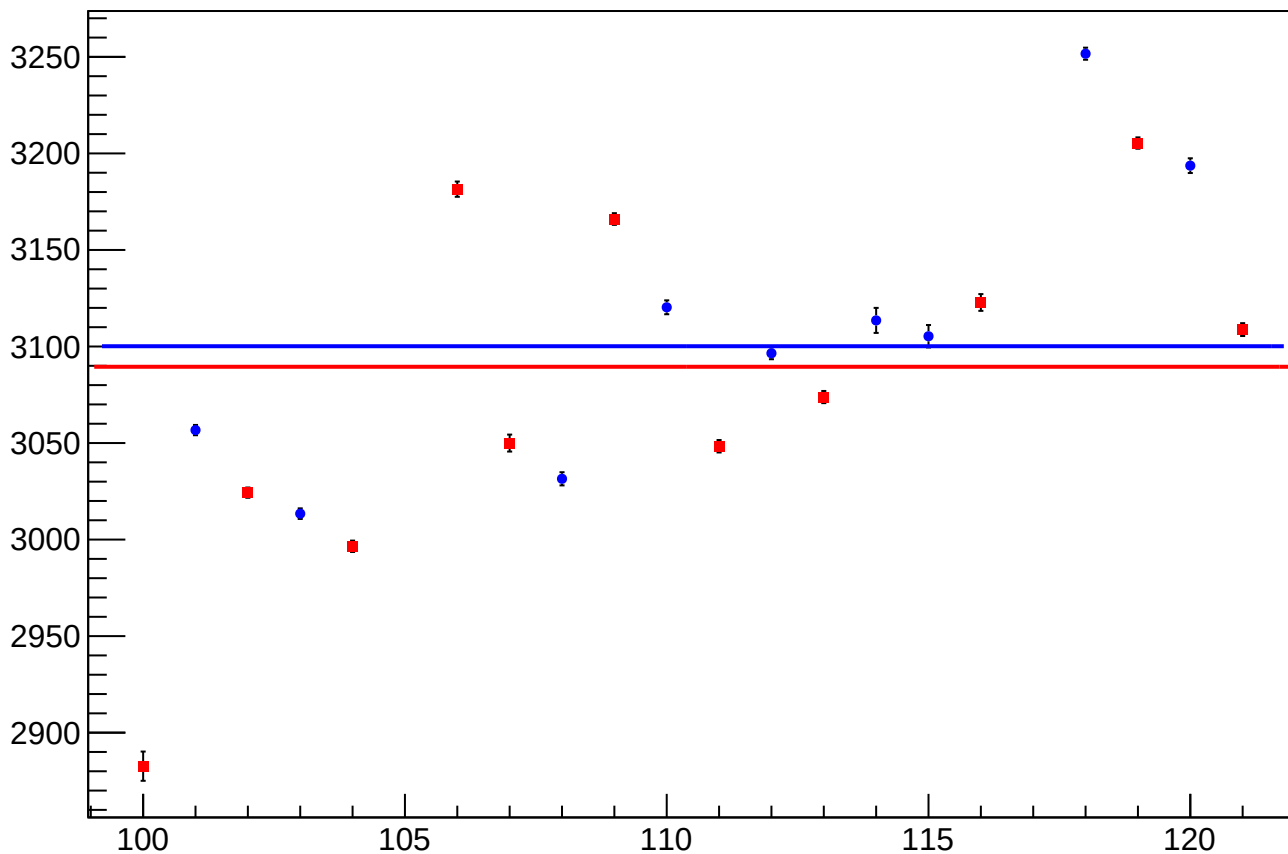
Right: -5.936+/-1.077 χ^2/NDF : 165.5/19

In: -19.376+/-1.616 χ^2/NDF : 26.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.936+/-1.077 χ^2/NDF : 165.5/19

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3100.142 $\pm$ 1.142 χ^2 /NDF: 4660.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3089.499 $\pm$ 1.022 χ^2 /NDF: 5450.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

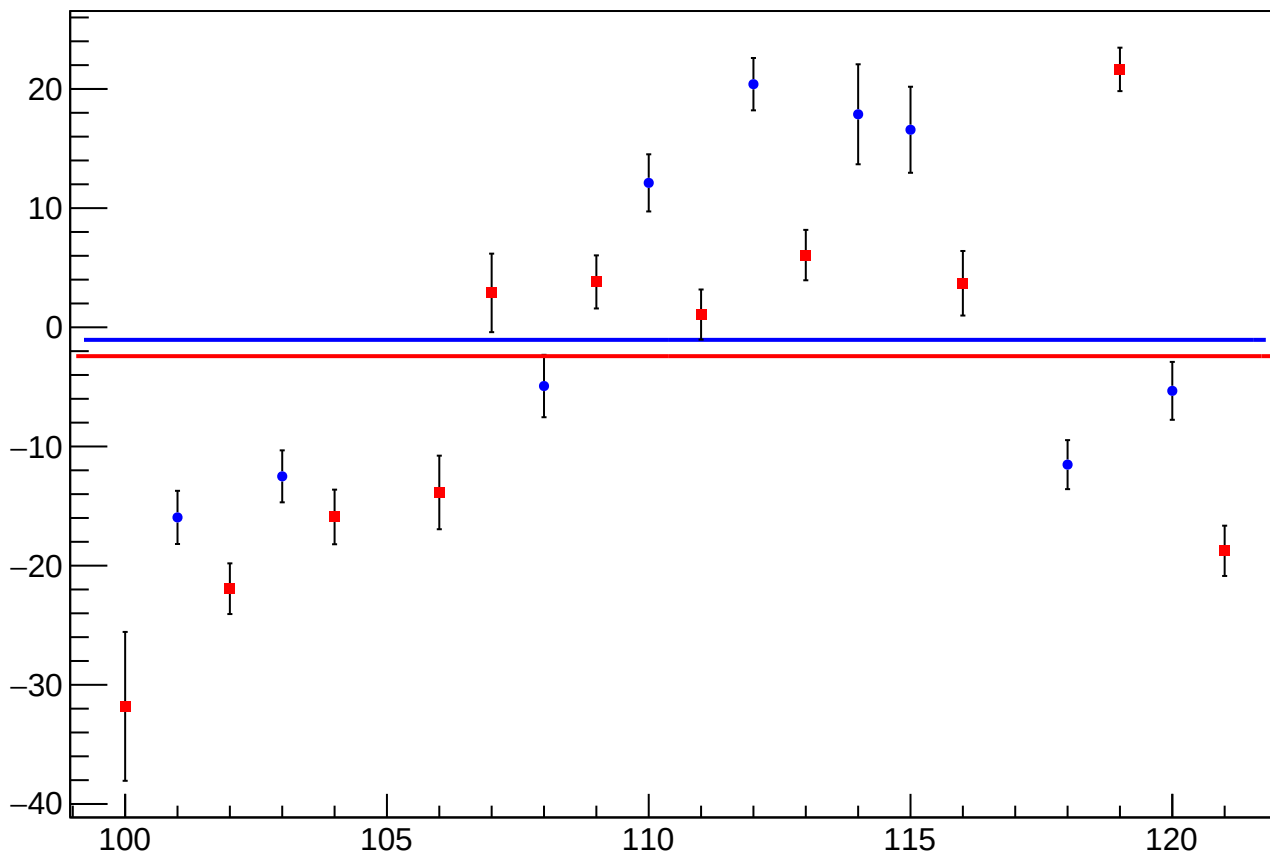
Right: 3094.232 $\pm$ 0.762 χ^2 /NDF: 10159.6/19

In: 3100.142 $\pm$ 1.142 χ^2 /NDF:4660.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3094.232 $\pm$ 0.762 χ^2 /NDF: 10159.6/19

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -1.053+/-0.823 χ^2/NDF : 273.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.421+/-0.717 χ^2/NDF : 423.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

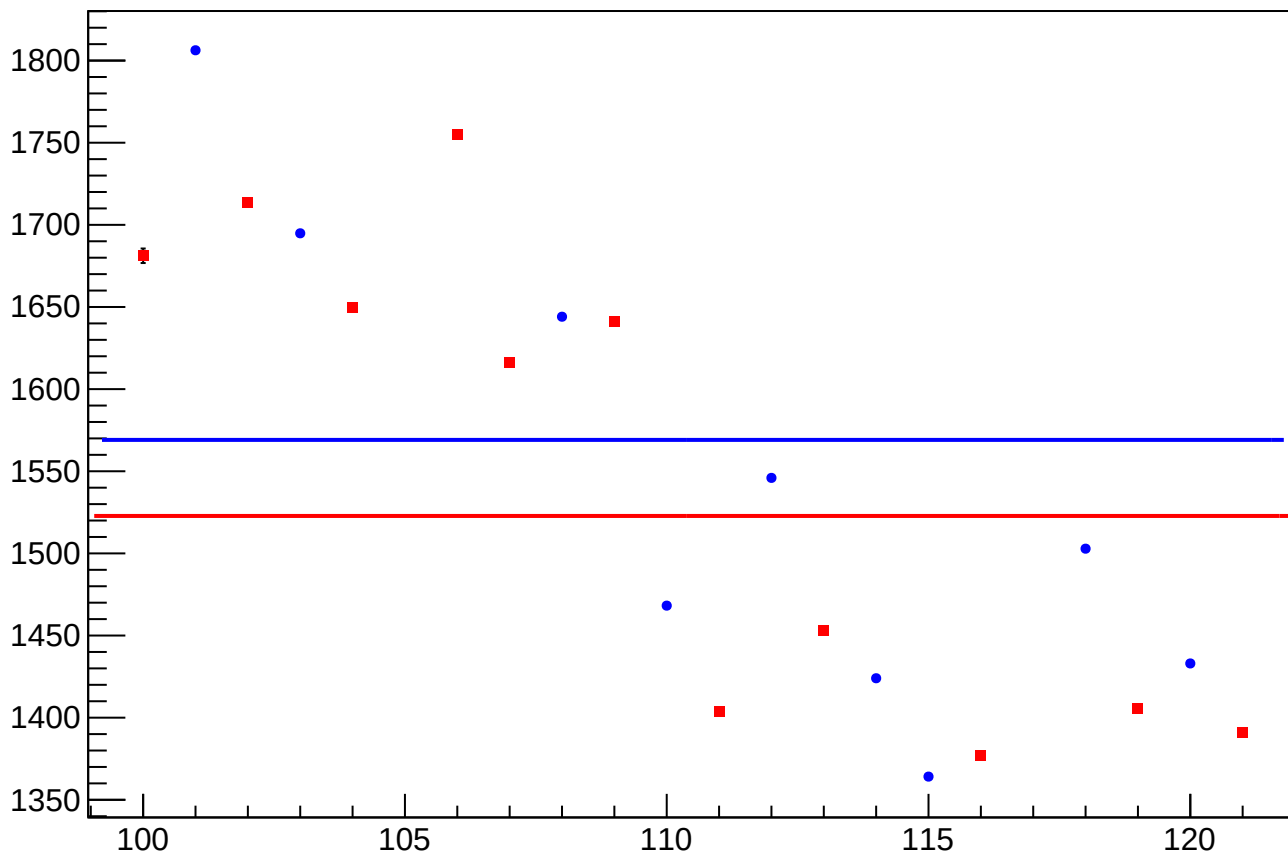
Right: -1.831+/-0.540 χ^2/NDF : 698.1/19

In: -1.053+/-0.823 χ^2/NDF : 273.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.831+/-0.540 χ^2/NDF : 698.1/19

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1569.091+/-0.582 χ^2/NDF : 51839.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.795+/-0.507 χ^2/NDF : 72630.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

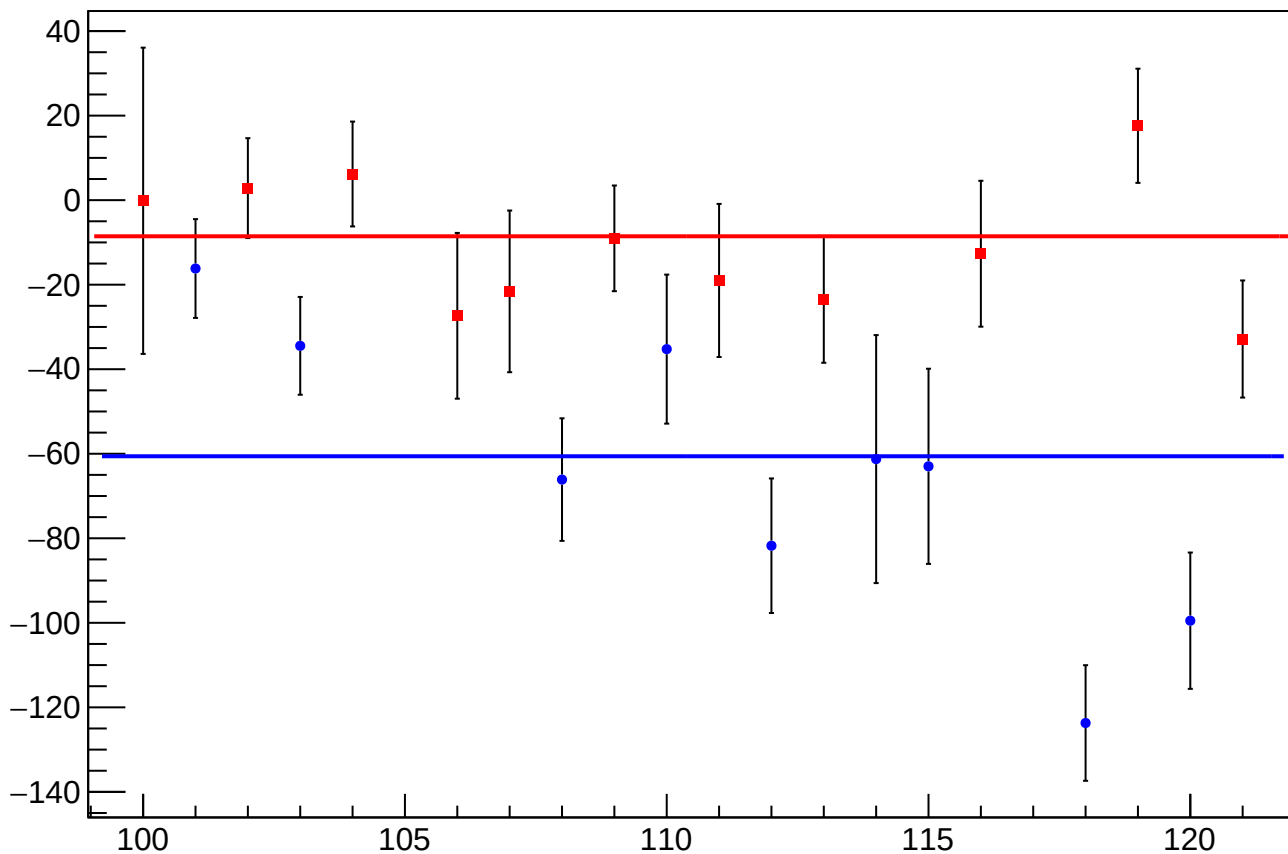
Right: 1542.769+/-0.382 χ^2/NDF : 128071.4/19

In: 1569.091+/-0.582 χ^2/NDF : 51839.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1542.769+/-0.382 χ^2/NDF : 128071.4/19

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -60.595+/-5.067 χ^2/NDF : 50.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.547+/-4.577 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

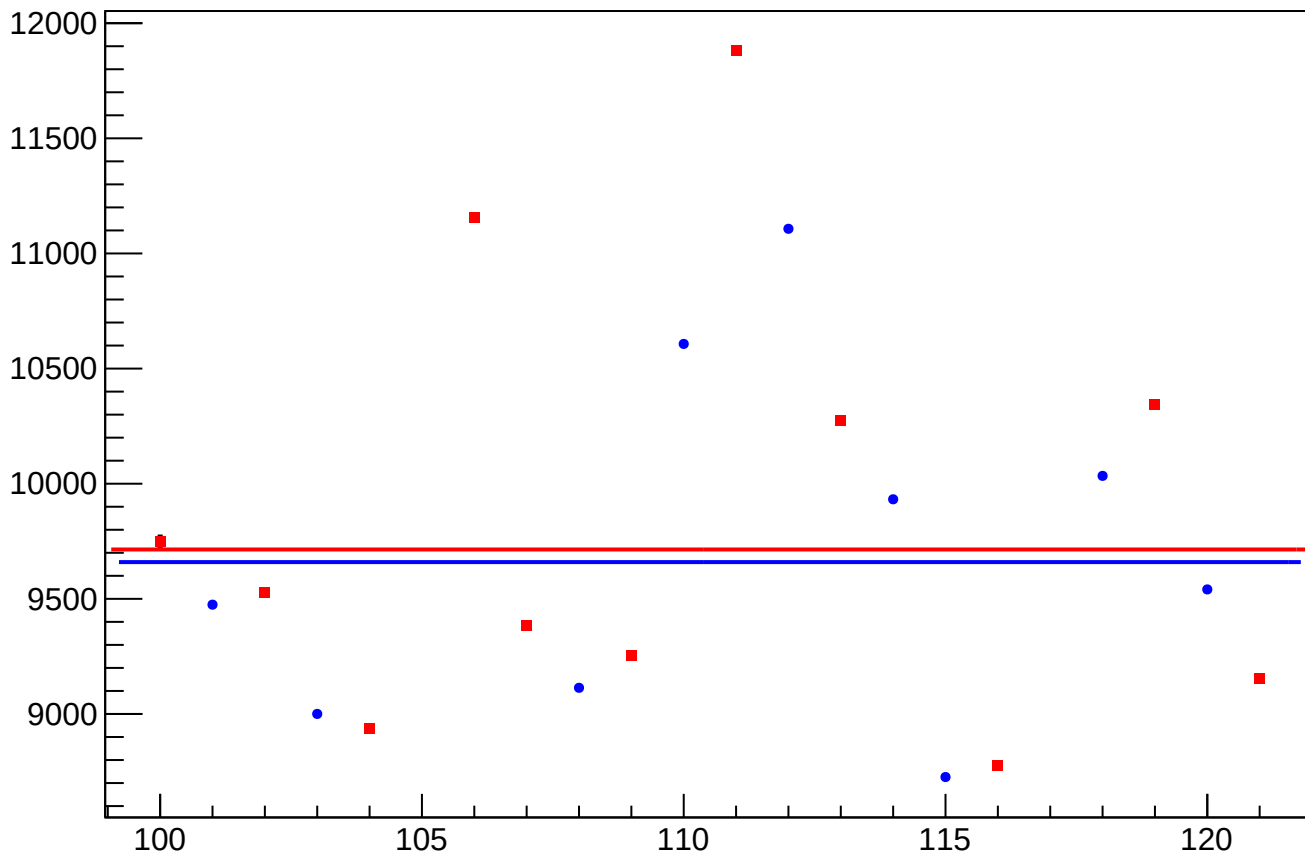
Right: -31.934+/-3.397 χ^2/NDF : 120.8/19

In: -60.595+/-5.067 χ^2/NDF : 50.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.934+/-3.397 χ^2/NDF : 120.8/19

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9659.568 $\pm$ 3.583 χ^2 /NDF: 37194.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9714.399 $\pm$ 3.237 χ^2 /NDF: 67535.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

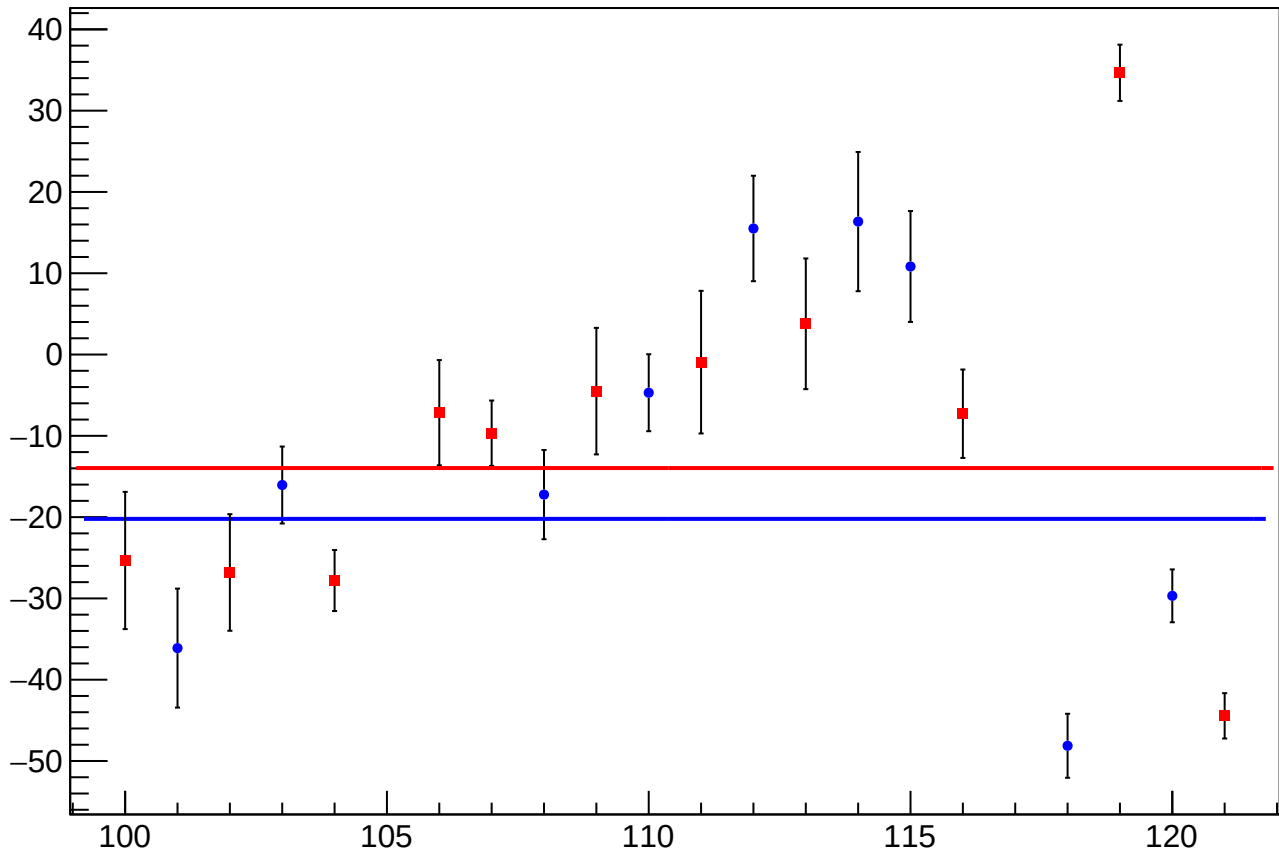
Right: 9689.762 $\pm$ 2.402 χ^2 /NDF: 104859.7/19

In: 9659.568 $\pm$ 3.583 χ^2 /NDF:37194.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9689.762 $\pm$ 2.402 χ^2 /NDF: 104859.7/19

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -20.218+/-1.669 χ^2/NDF : 144.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.964+/-1.442 χ^2/NDF : 347.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

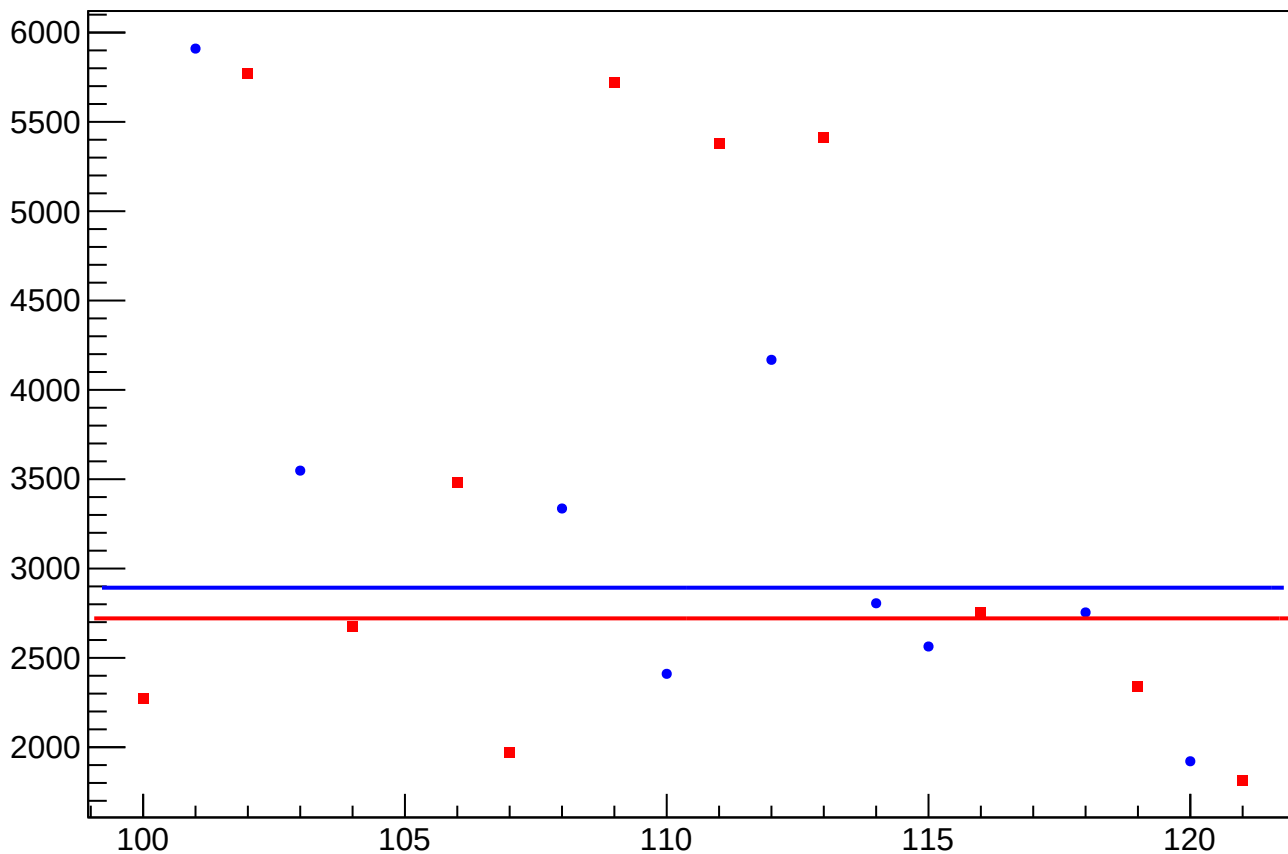
Right: -16.637+/-1.091 χ^2/NDF : 500.2/19

In: -20.218+/-1.669 χ^2/NDF : 144.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.637+/-1.091 χ^2/NDF : 500.2/19

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2892.819+/-1.180 χ^2/NDF : 675062.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2721.080+/-1.020 χ^2/NDF : 1405531.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

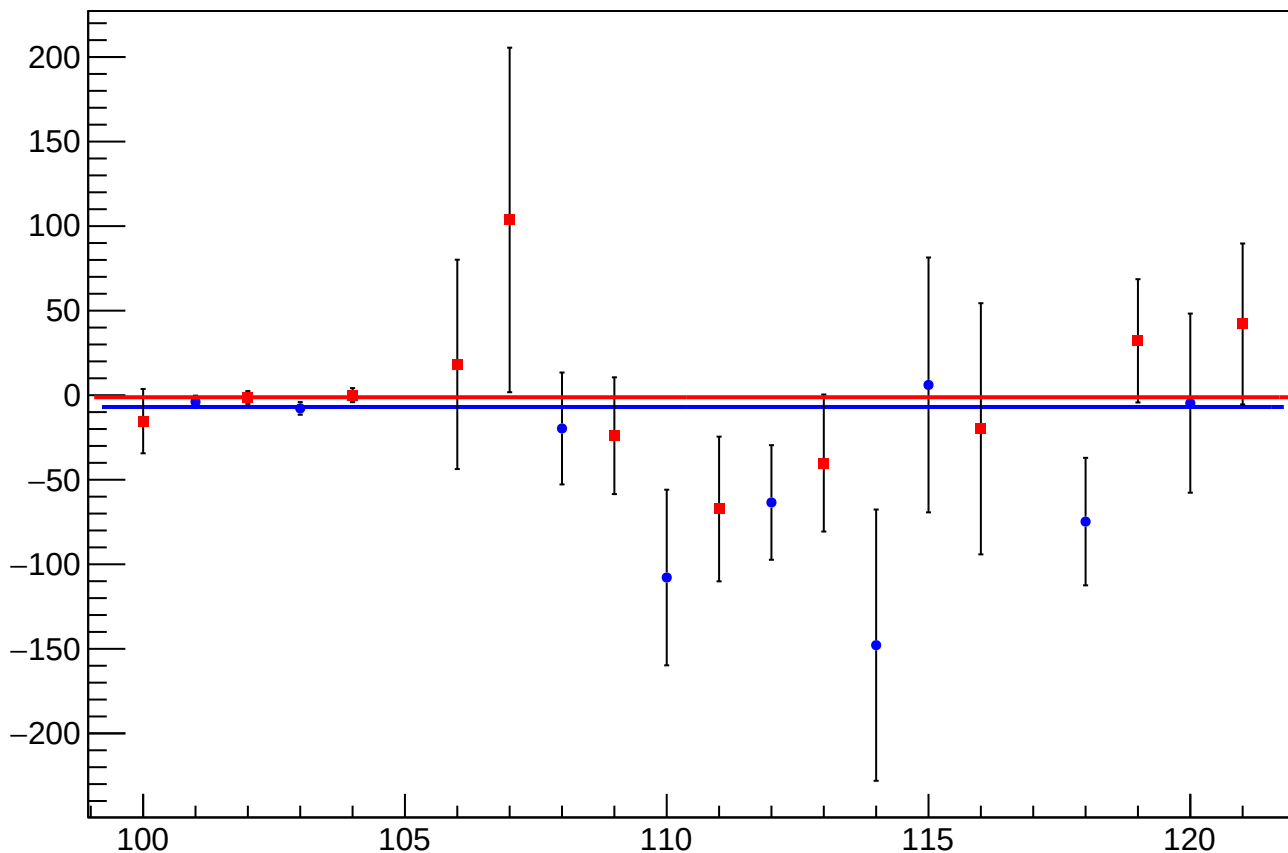
Right: 2794.487+/-0.772 χ^2/NDF : 2092721.7/19

In: 2892.819+/-1.180 χ^2/NDF :675062.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2794.487+/-0.772 χ^2/NDF : 2092721.7/19

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.967 $\pm$ 2.584 χ^2/NDF : 13.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.199 $\pm$ 2.718 χ^2/NDF : 7.3/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

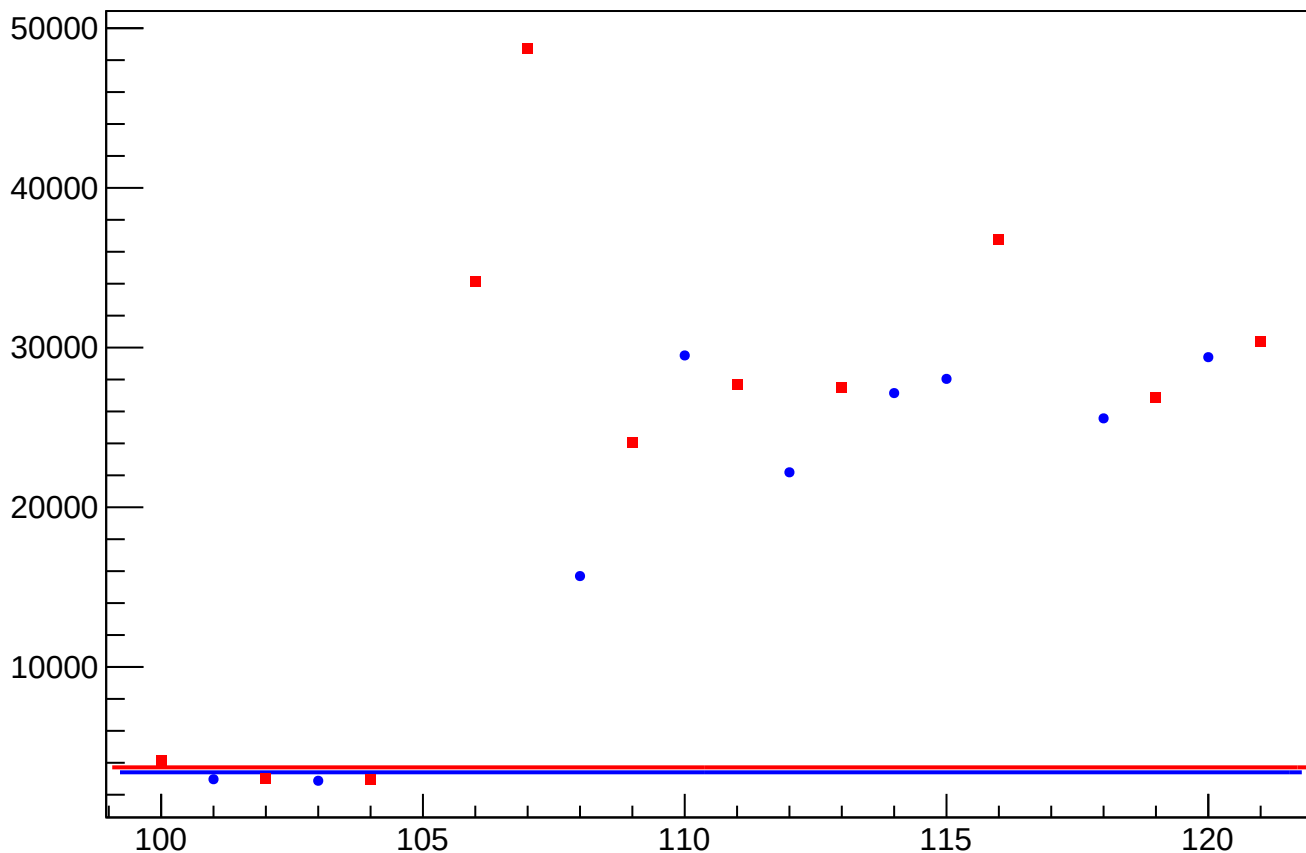
Right: -4.228 $\pm$ 1.873 χ^2/NDF : 23.4/19

In: -6.967 $\pm$ 2.584 χ^2/NDF : 13.8/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -4.228 $\pm$ 1.873 χ^2/NDF : 23.4/19

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3403.304+/-1.827 χ^2/NDF : 3025440.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3714.139+/-1.922 χ^2/NDF : 4852145.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

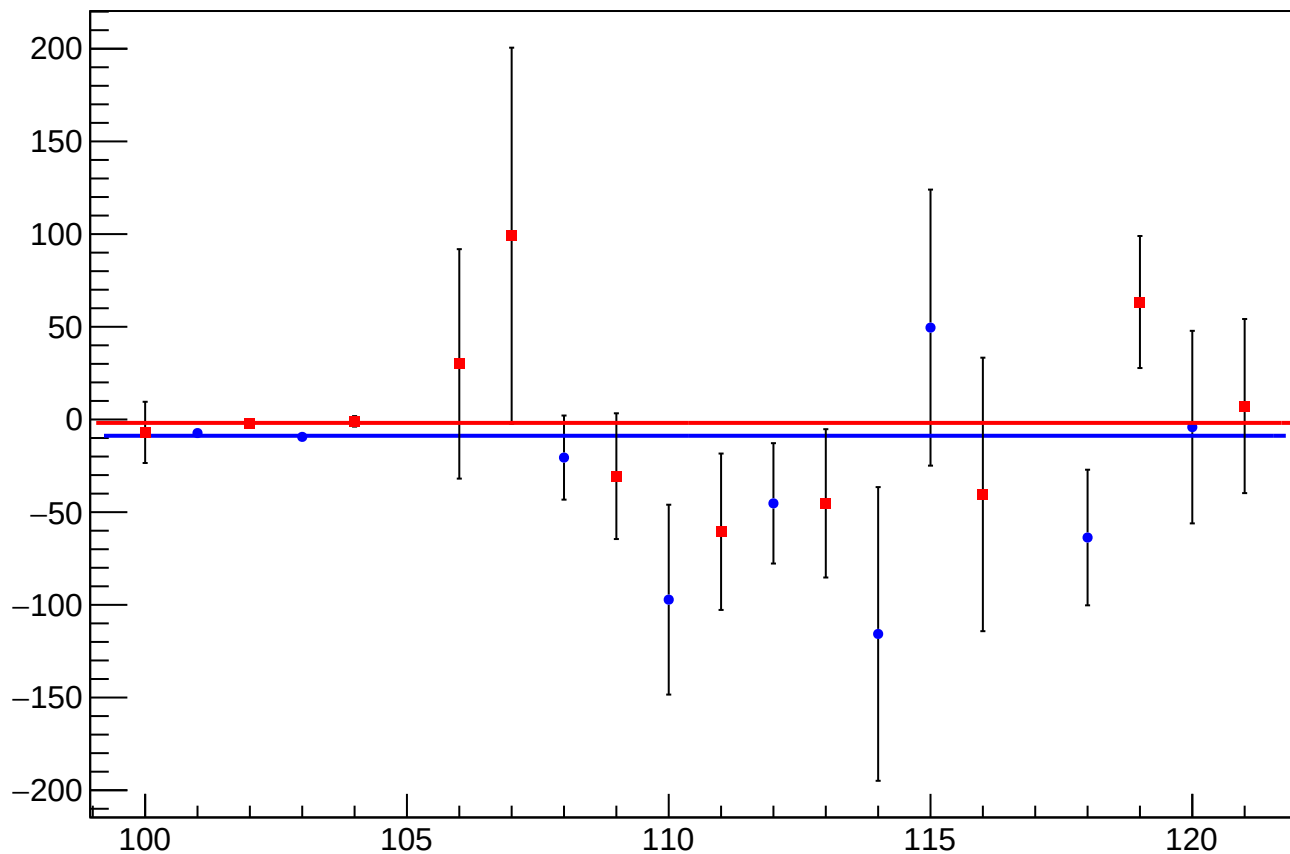
Right: 3550.888+/-1.324 χ^2/NDF : 7891323.3/19

In: 3403.304+/-1.827 χ^2/NDF : 3025440.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3550.888+/-1.324 χ^2/NDF : 7891323.3/19

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.792+/-1.776 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.846+/-1.878 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

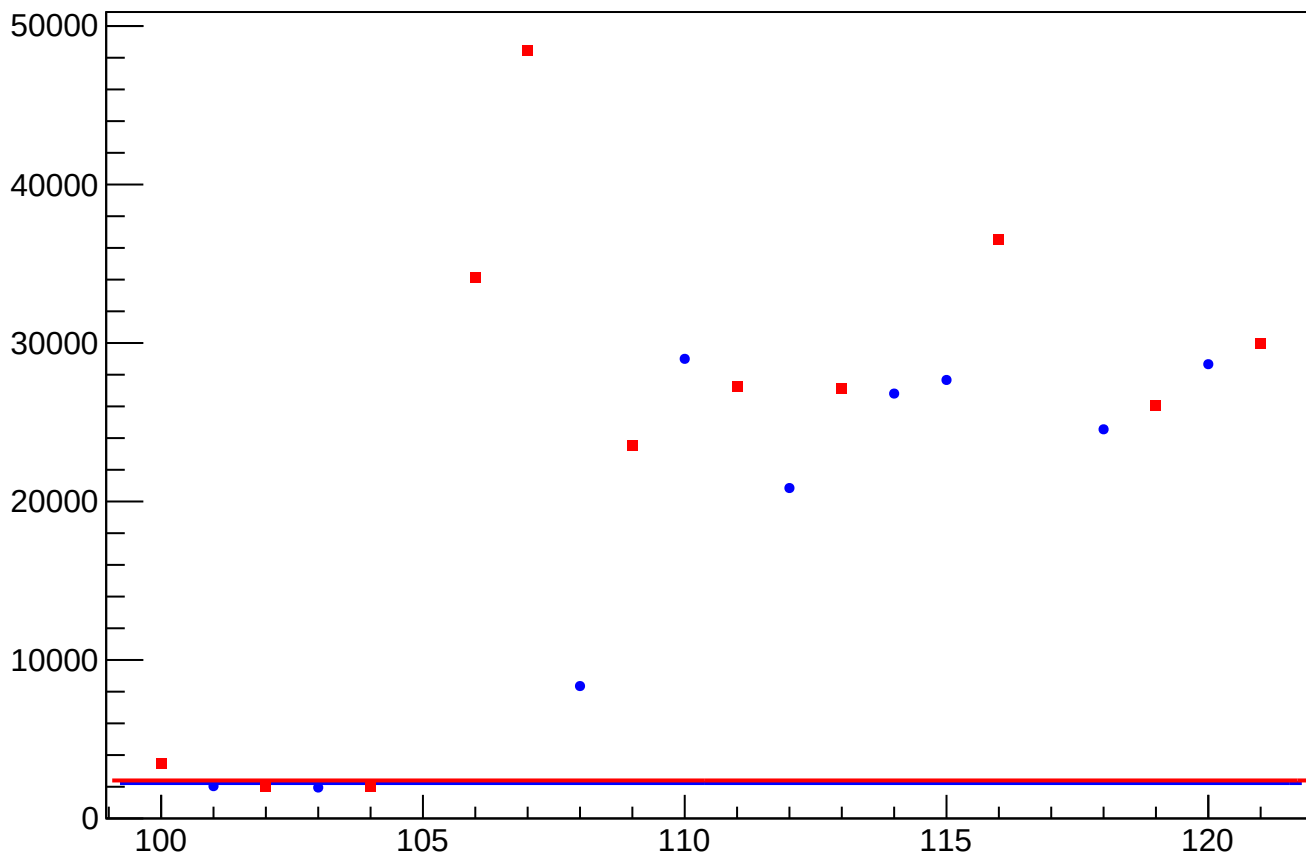
Right: -5.512+/-1.290 χ^2/NDF : 25.8/19

In: -8.792+/-1.776 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.512+/-1.290 χ^2/NDF : 25.8/19

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2234.364+/-1.256 χ^2/NDF : 3074963.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2397.077+/-1.328 χ^2/NDF : 5258616.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

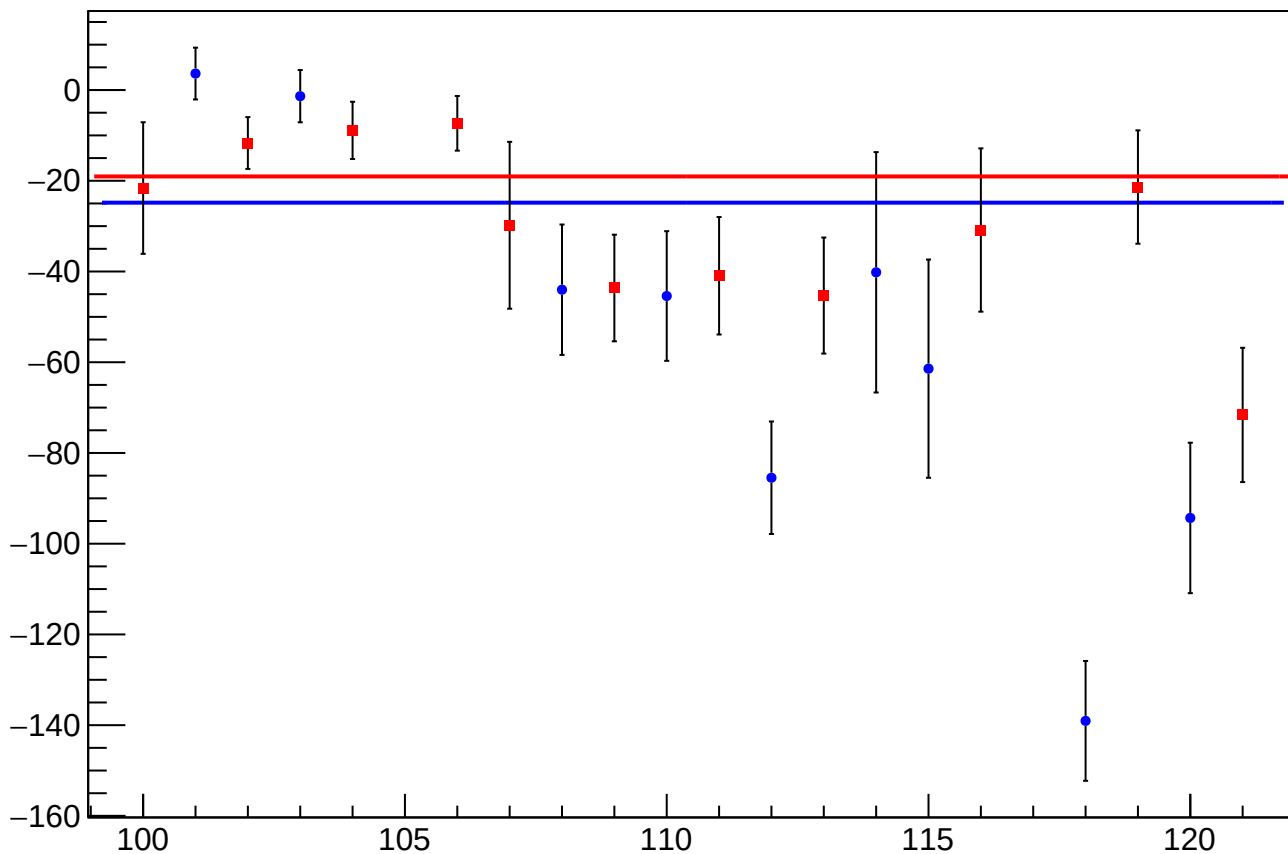
Right: 2311.204+/-0.912 χ^2/NDF : 8341506.8/19

In: 2234.364+/-1.256 χ^2/NDF : 3074963.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2311.204+/-0.912 χ^2/NDF : 8341506.8/19

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -24.828+/-3.341 χ^2/NDF : 164.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -19.050+/-2.834 χ^2/NDF : 32.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

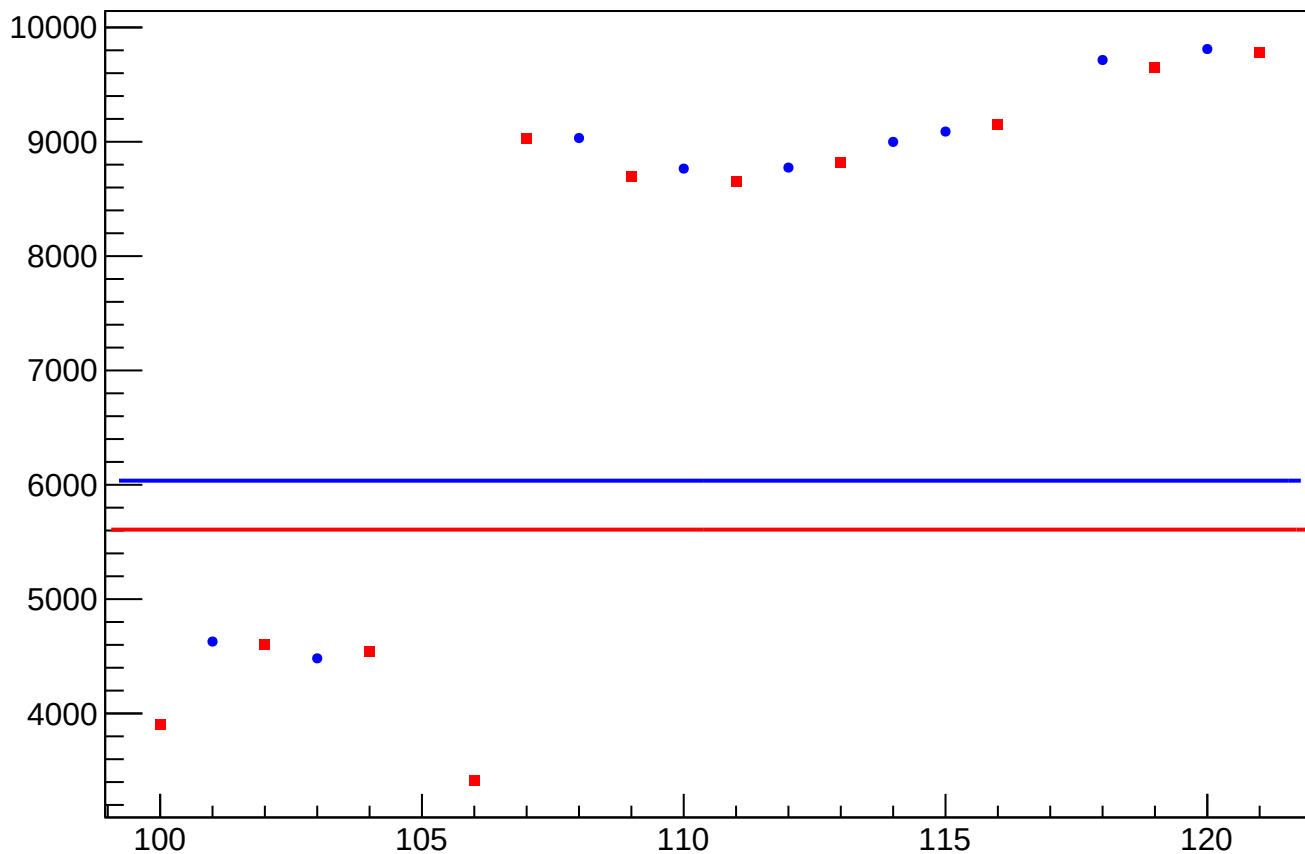
Right: -21.468+/-2.161 χ^2/NDF : 198.9/19

In: -24.828+/-3.341 χ^2/NDF :164.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -21.468+/-2.161 χ^2/NDF : 198.9/19

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6036.177+/-2.363 χ^2/NDF : 840546.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5607.913+/-2.004 χ^2/NDF : 1301841.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

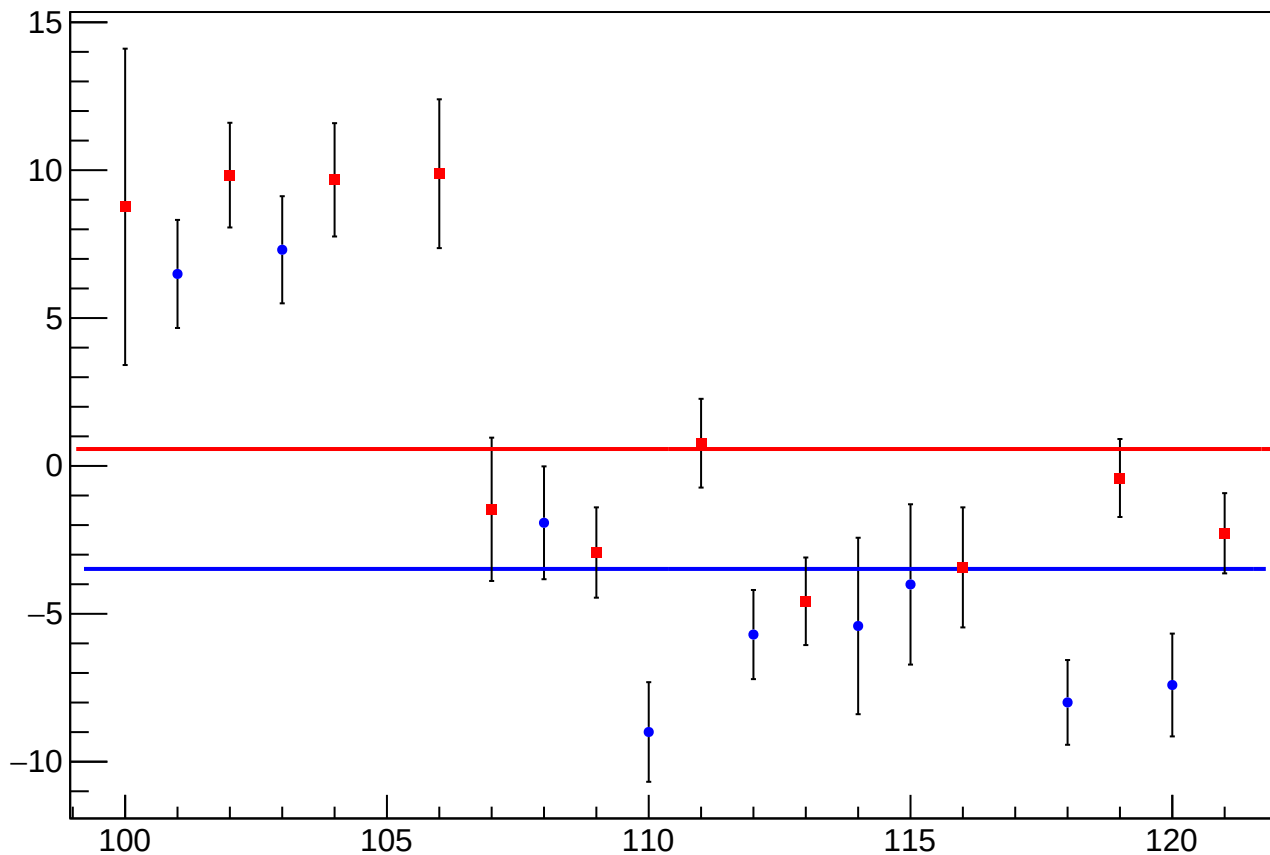
Right: 5787.121+/-1.528 χ^2/NDF : 2161497.1/19

In: 6036.177+/-2.363 χ^2/NDF : 840546.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5787.121+/-1.528 χ^2/NDF : 2161497.1/19

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.482+/-0.604 χ^2/NDF : 94.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.572+/-0.524 χ^2/NDF : 92.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

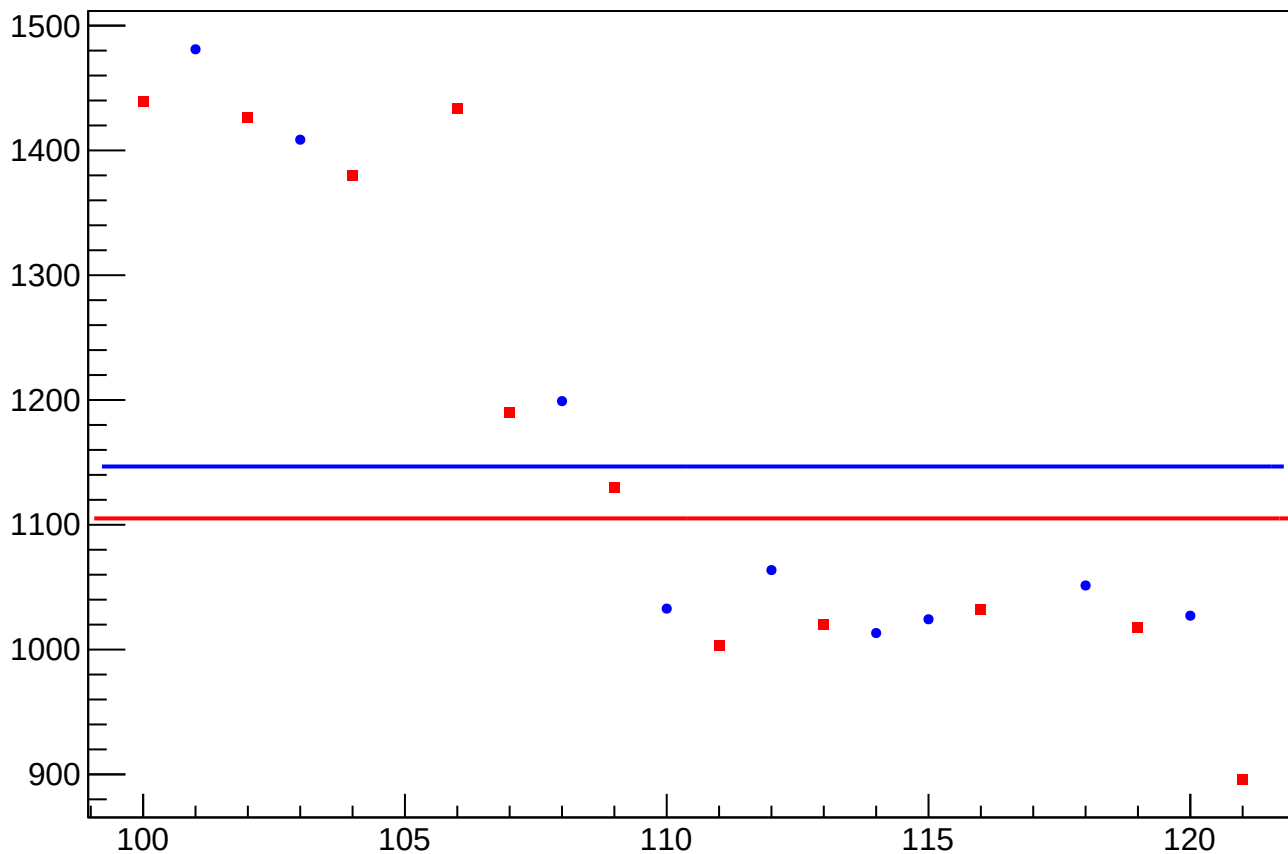
Right: -1.167+/-0.396 χ^2/NDF : 212.9/19

In: -3.482+/-0.604 χ^2/NDF :94.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.167+/-0.396 χ^2/NDF : 212.9/19

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1146.713+/-0.427 χ^2/NDF : 151913.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.114+/-0.370 χ^2/NDF : 227025.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

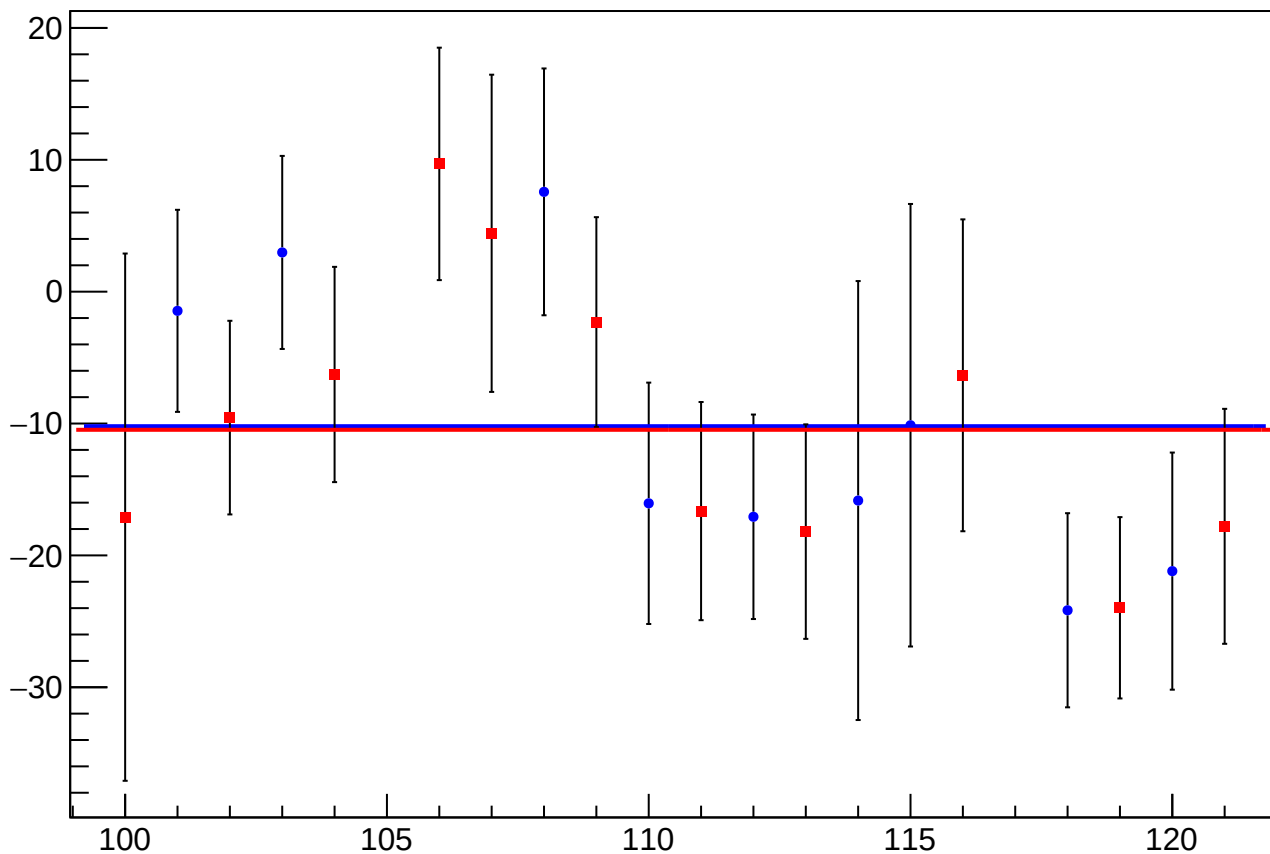
Right: 1122.959+/-0.280 χ^2/NDF : 384350.8/19

In: 1146.713+/-0.427 χ^2/NDF : 151913.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.959+/-0.280 χ^2/NDF : 384350.8/19

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.201+/-2.966 χ^2/NDF : 14.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.475+/-2.651 χ^2/NDF : 14.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

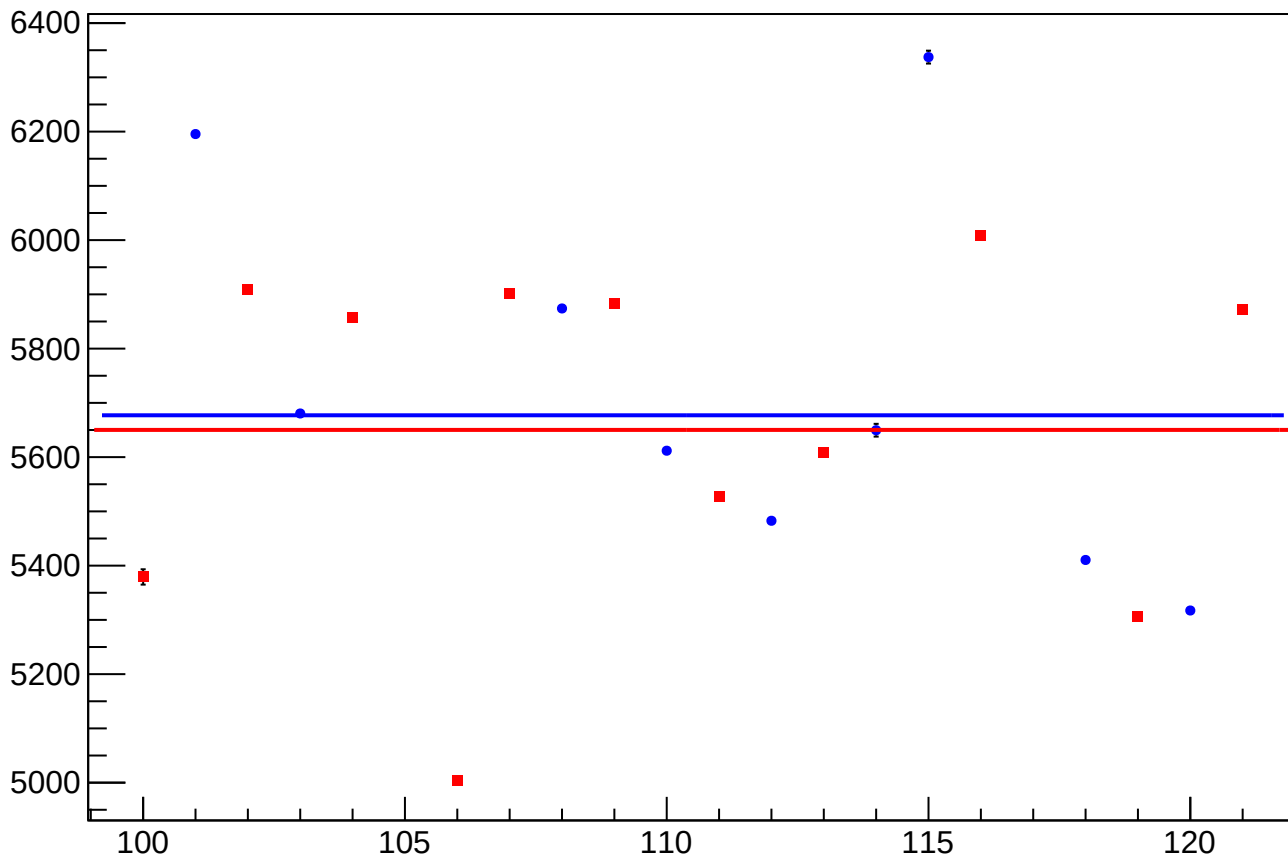
Right: -10.354+/-1.977 χ^2/NDF : 28.9/19

In: -10.201+/-2.966 χ^2/NDF : 14.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.354+/-1.977 χ^2/NDF : 28.9/19

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5677.124+/-2.097 χ^2/NDF : 20326.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5650.166+/-1.875 χ^2/NDF : 26017.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

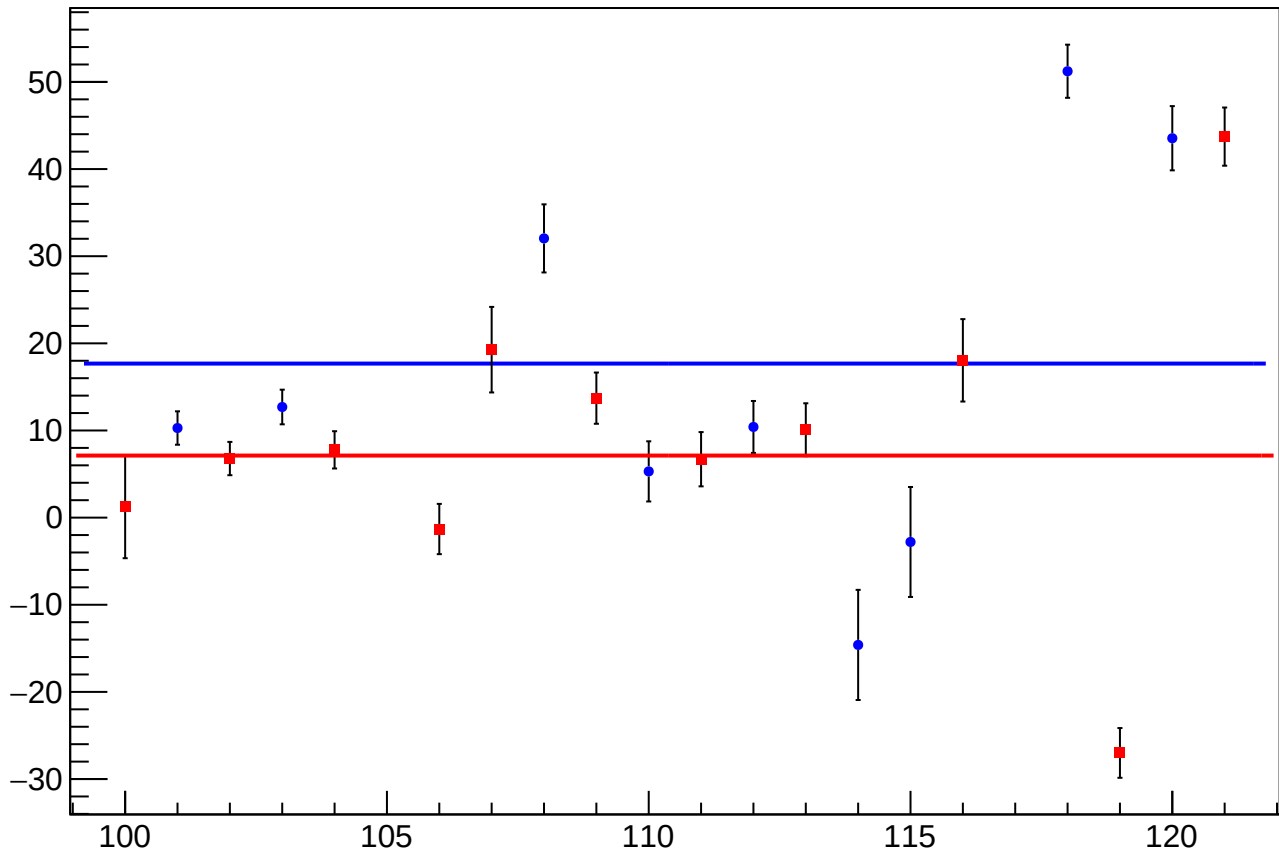
Right: 5662.139+/-1.398 χ^2/NDF : 46436.4/19

In: 5677.124+/-2.097 χ^2/NDF : 20326.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5662.139+/-1.398 χ^2/NDF : 46436.4/19

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 17.677+/-0.991 χ^2/NDF : 260.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.121+/-0.888 χ^2/NDF : 290.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

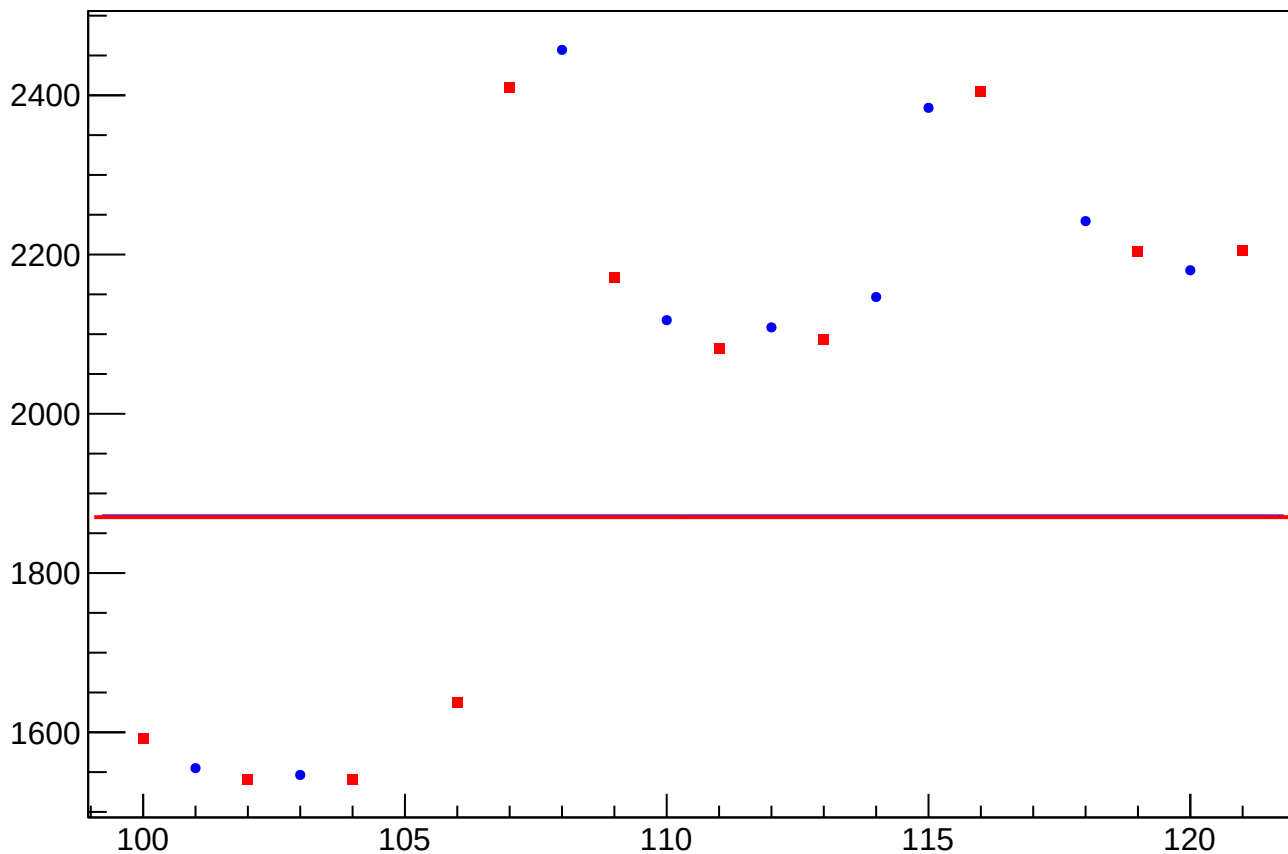
Right: 11.824+/-0.661 χ^2/NDF : 613.5/19

In: 17.677+/-0.991 χ^2/NDF : 260.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.824+/-0.661 χ^2/NDF : 613.5/19

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1871.140+/-0.701 χ^2/NDF : 236236.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.220+/-0.628 χ^2/NDF : 262581.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

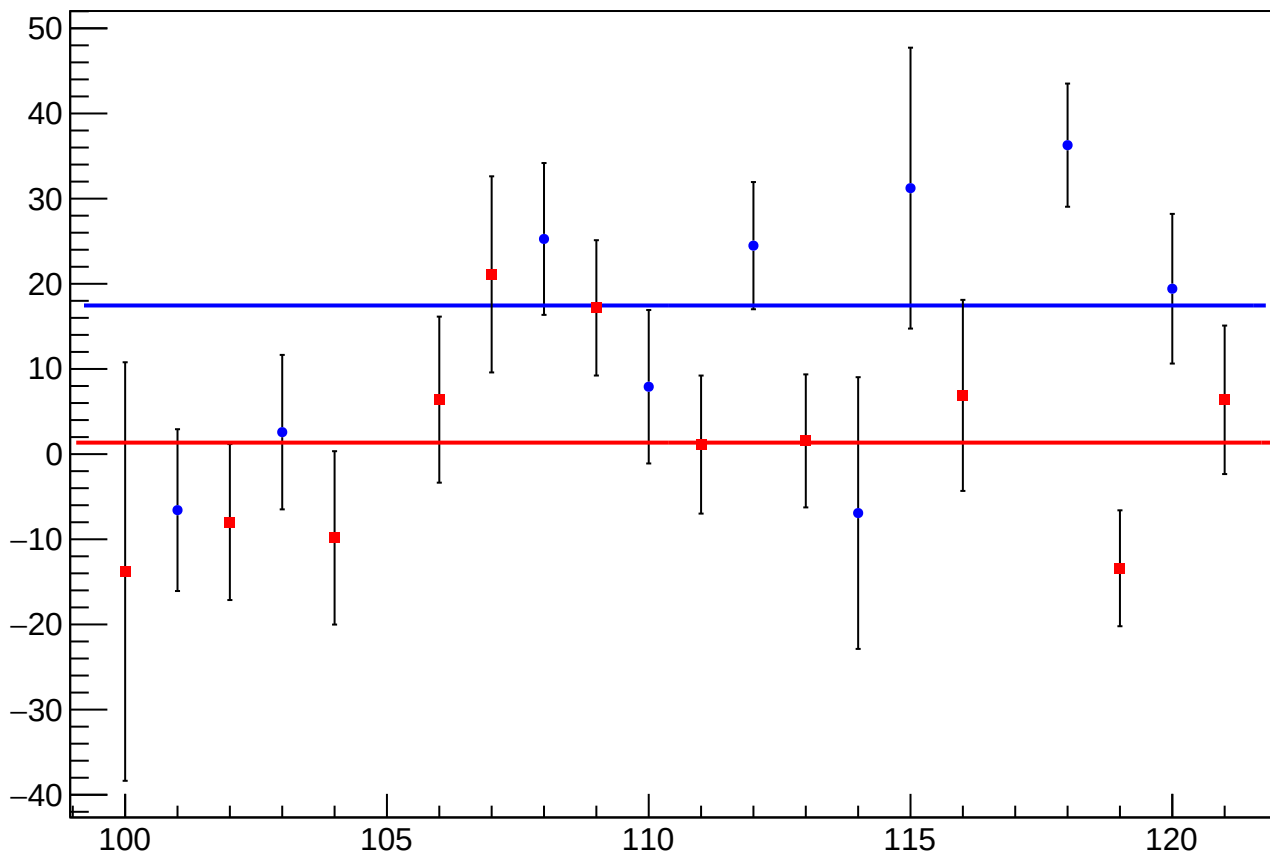
Right: 1870.630+/-0.468 χ^2/NDF : 498818.9/19

In: 1871.140+/-0.701 χ^2/NDF : 236236.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.630+/-0.468 χ^2/NDF : 498818.9/19

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 17.453+/-3.075 χ^2/NDF : 21.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.351+/-2.758 χ^2/NDF : 15.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

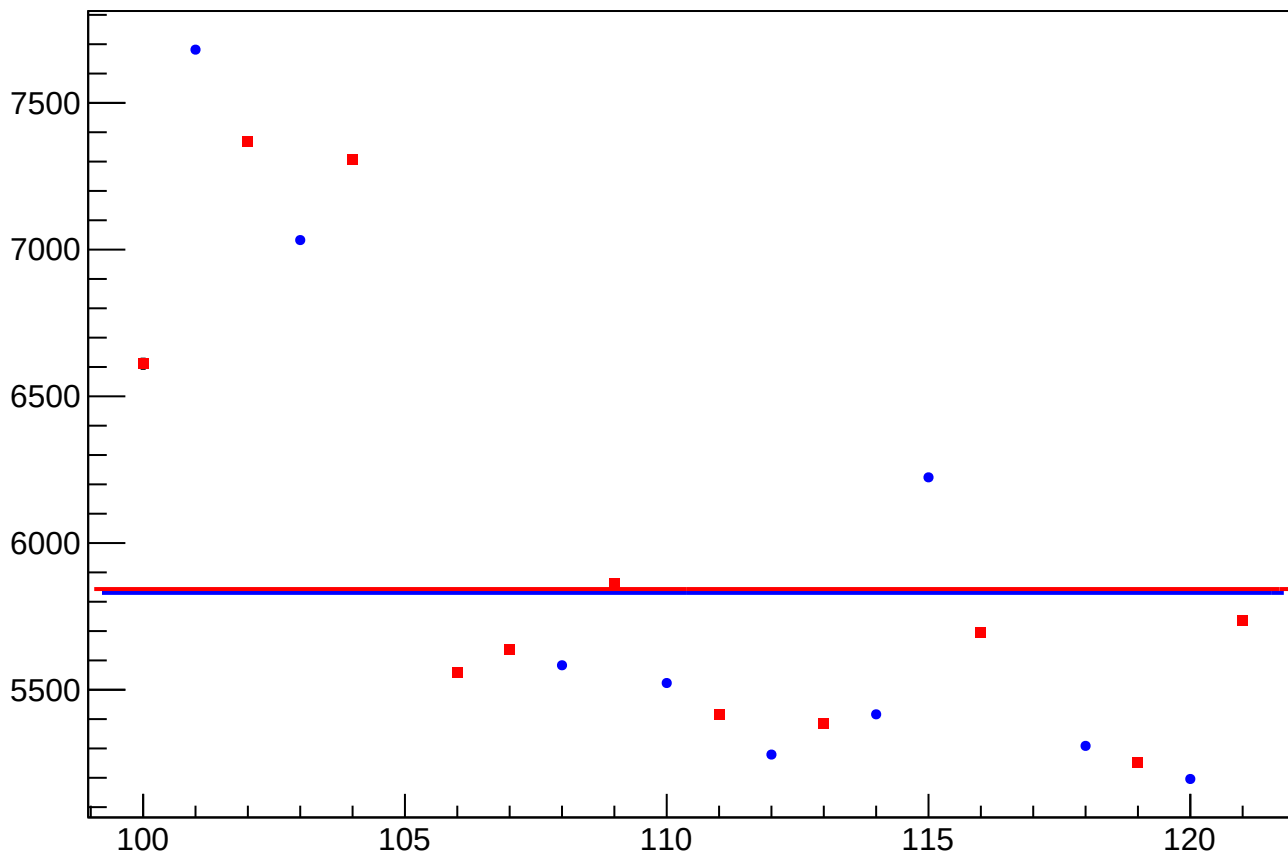
Right: 8.530+/-2.053 χ^2/NDF : 52.0/19

In: 17.453+/-3.075 χ^2/NDF :21.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.530+/-2.053 χ^2/NDF : 52.0/19

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 5830.212+/-2.174 χ^2/NDF : 149146.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5843.235+/-1.950 χ^2/NDF : 129423.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

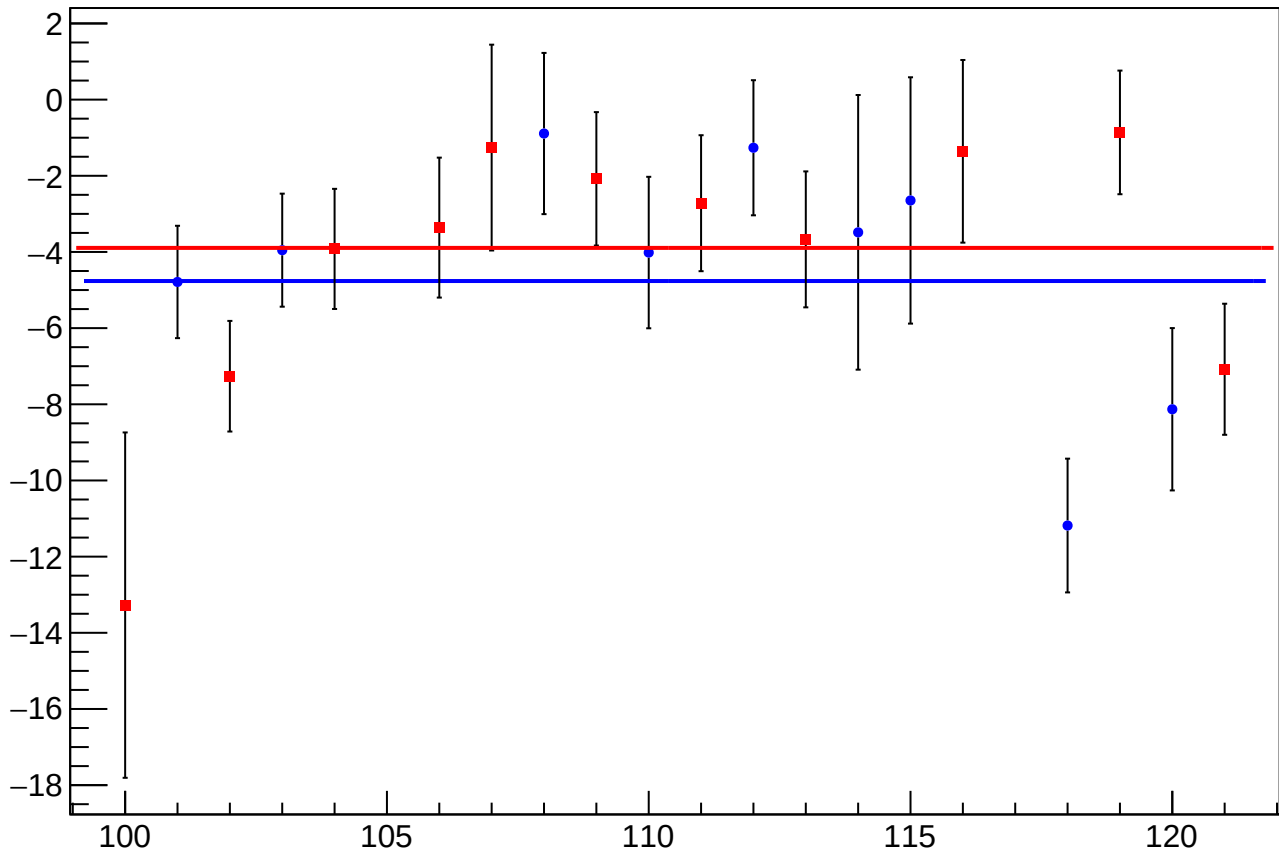
Right: 5837.429+/-1.452 χ^2/NDF : 278590.5/19

In: 5830.212+/-2.174 χ^2/NDF : 149146.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5837.429+/-1.452 χ^2/NDF : 278590.5/19

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.763+/-0.642 χ^2/NDF : 24.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.893+/-0.559 χ^2/NDF : 20.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

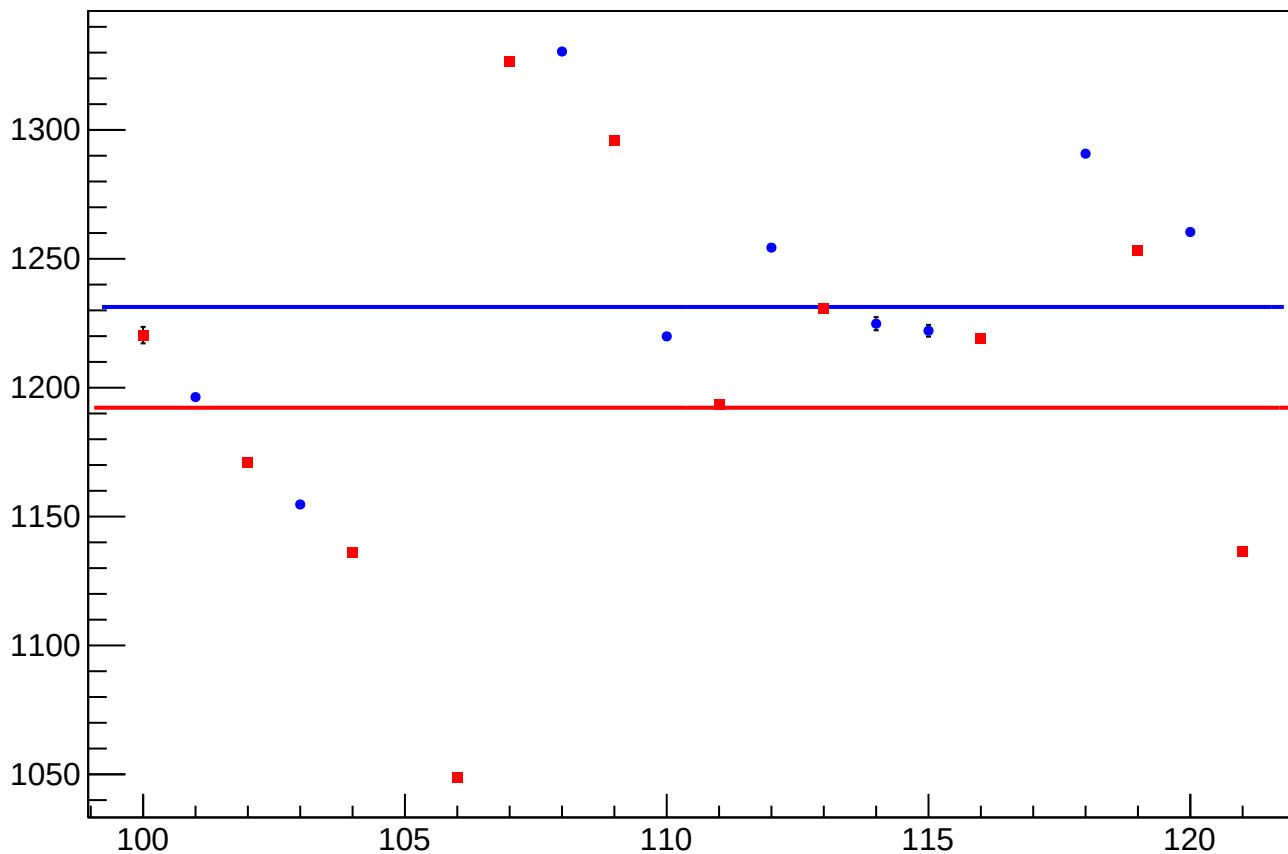
Right: -4.268+/-0.422 χ^2/NDF : 45.4/19

In: -4.763+/-0.642 χ^2/NDF : 24.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.268+/-0.422 χ^2/NDF : 45.4/19

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1231.324+/-0.454 χ^2/NDF : 13933.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.235+/-0.395 χ^2/NDF : 33320.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

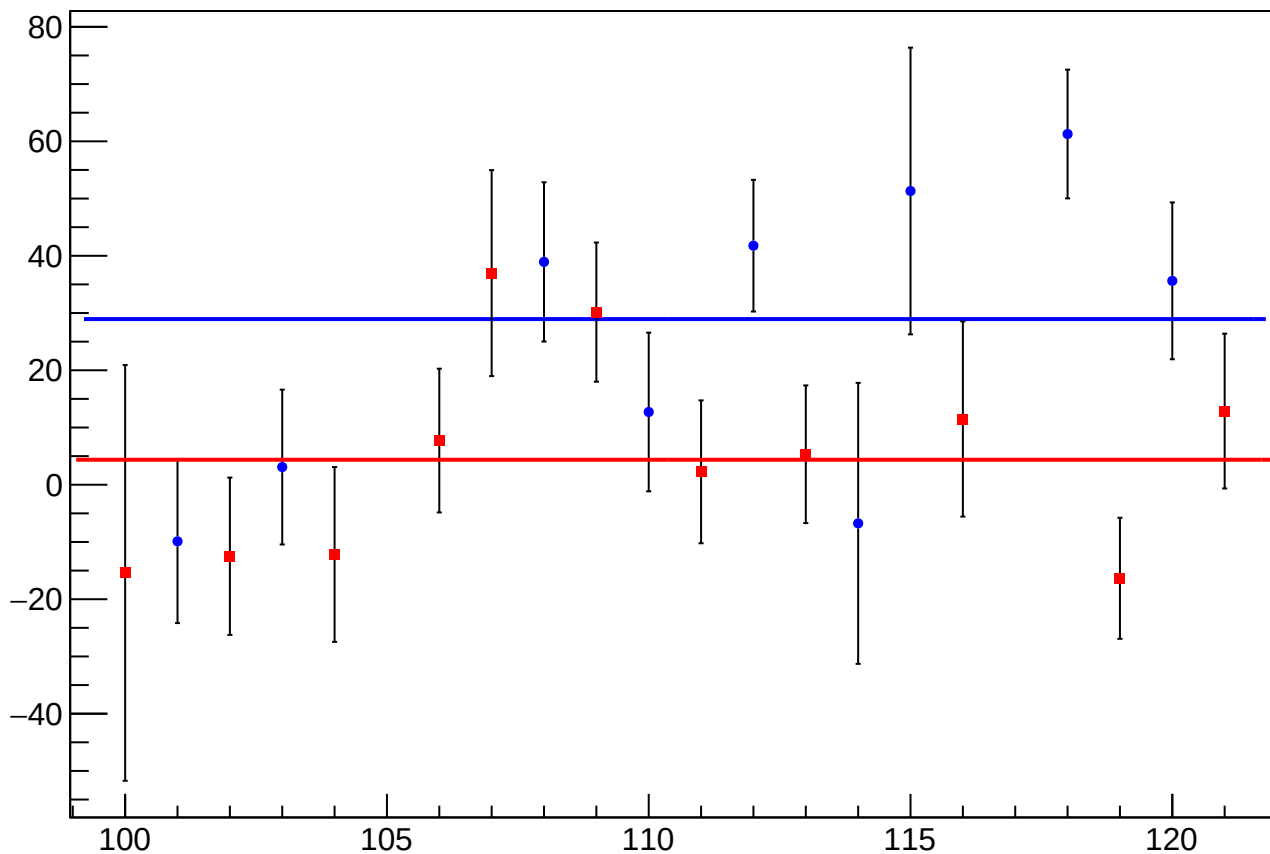
Right: 1209.076+/-0.298 χ^2/NDF : 51470.2/19

In: 1231.324+/-0.454 χ^2/NDF : 13933.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.076+/-0.298 χ^2/NDF : 51470.2/19

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 28.942+/-4.725 χ^2/NDF : 25.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.370+/-4.162 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

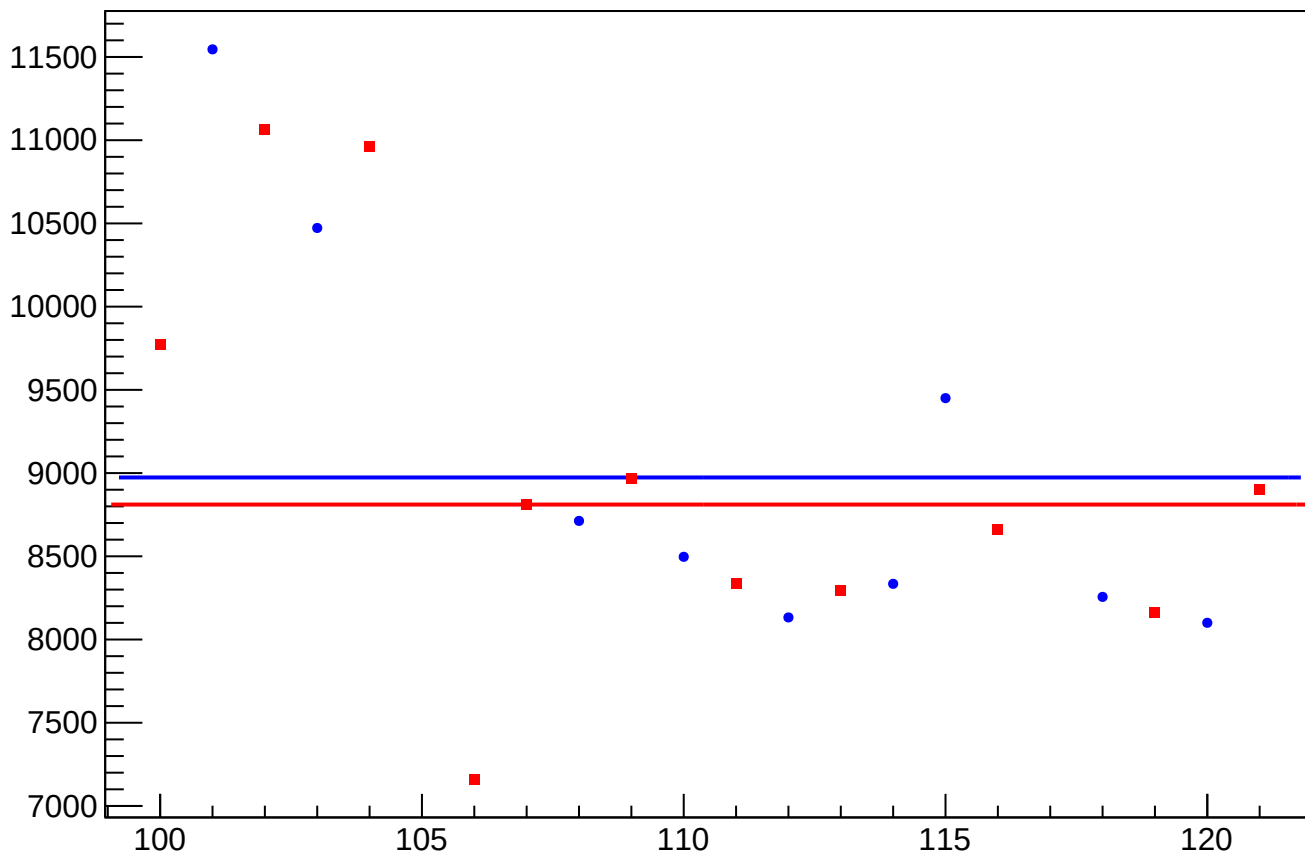
Right: 15.106+/-3.123 χ^2/NDF : 56.1/19

In: 28.942+/-4.725 χ^2/NDF : 25.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.106+/-3.123 χ^2/NDF : 56.1/19

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 8973.678+/-3.341 χ^2/NDF : 121563.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8810.917+/-2.943 χ^2/NDF : 143983.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

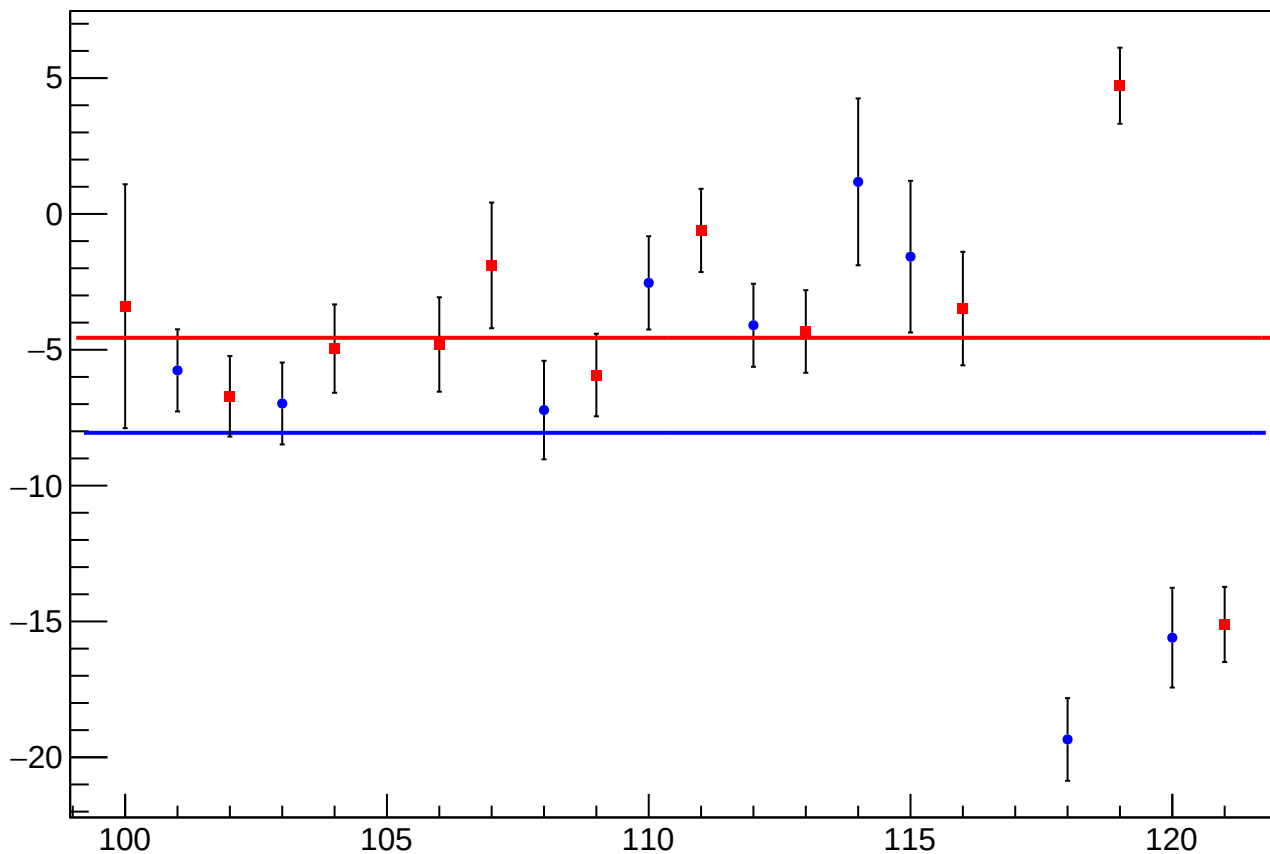
Right: 8882.031+/-2.209 χ^2/NDF : 266883.3/19

In: 8973.678+/-3.341 χ^2/NDF : 121563.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8882.031+/-2.209 χ^2/NDF : 266883.3/19

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -8.056+/-0.586 χ^2/NDF : 106.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.559+/-0.503 χ^2/NDF : 113.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

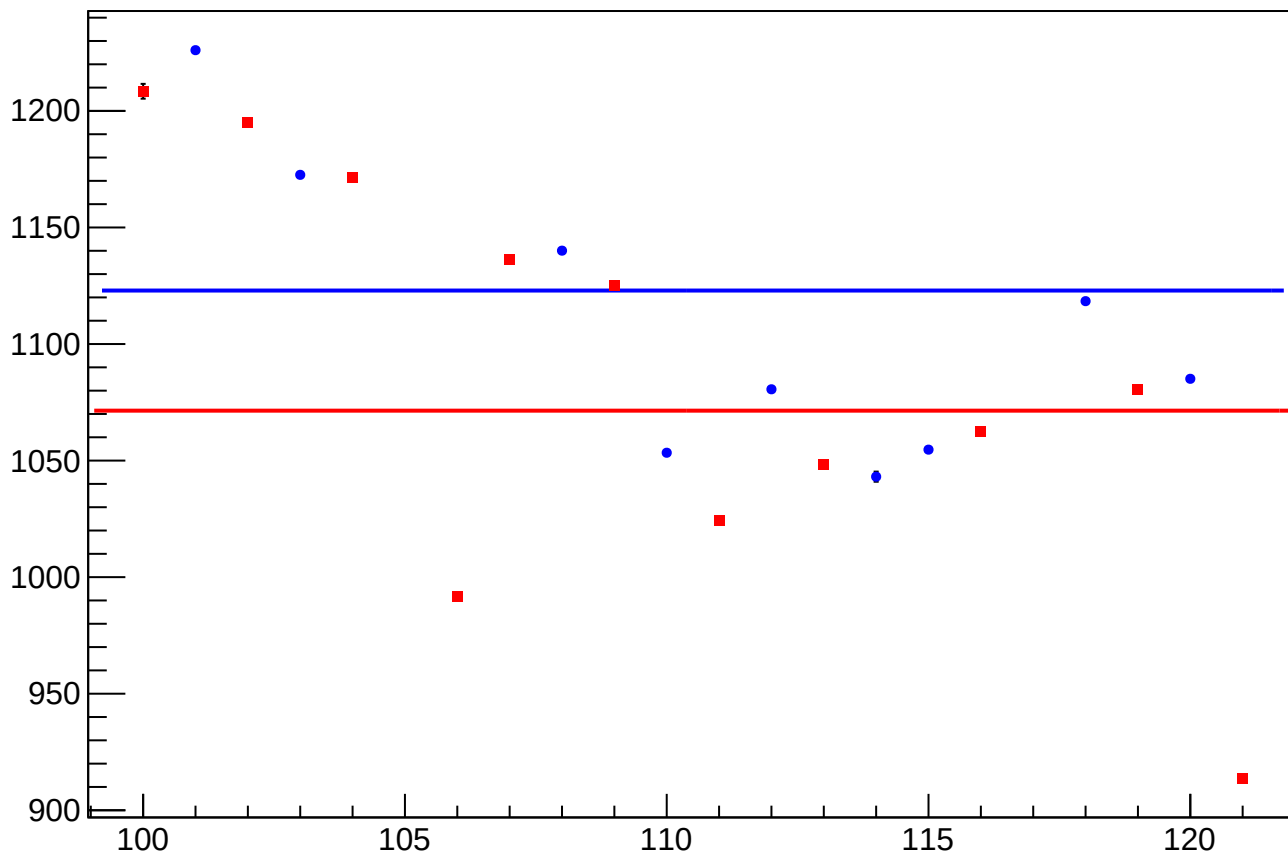
Right: -6.042+/-0.382 χ^2/NDF : 240.4/19

In: -8.056+/-0.586 χ^2/NDF :106.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.042+/-0.382 χ^2/NDF : 240.4/19

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1122.947 $\pm$ 0.414 χ^2 /NDF: 19885.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1071.421 $\pm$ 0.356 χ^2 /NDF: 60161.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

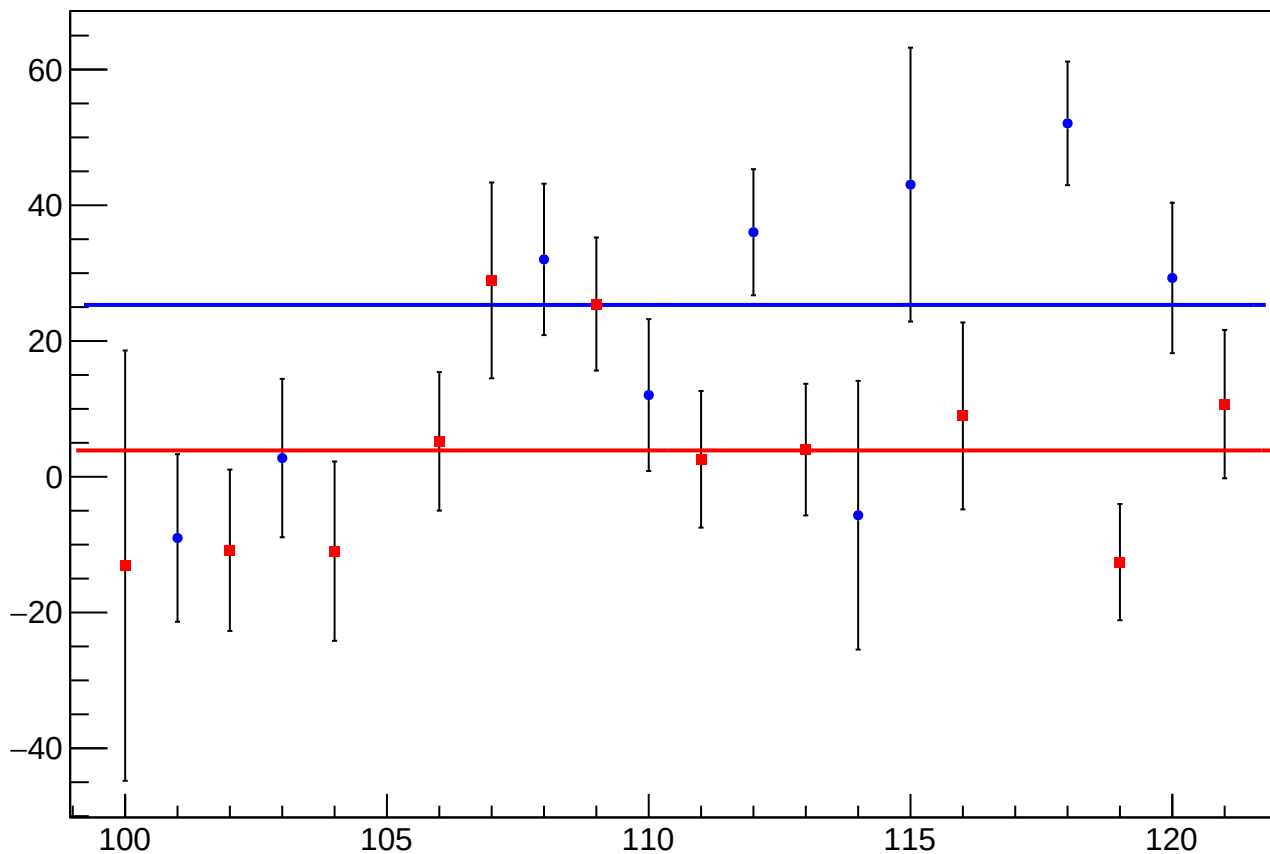
Right: 1093.272 $\pm$ 0.270 χ^2 /NDF: 88951.0/19

In: 1122.947 $\pm$ 0.414 χ^2 /NDF:19885.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1093.272 $\pm$ 0.270 χ^2 /NDF: 88951.0/19

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 25.321+/-3.871 χ^2/NDF : 26.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.881+/-3.402 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

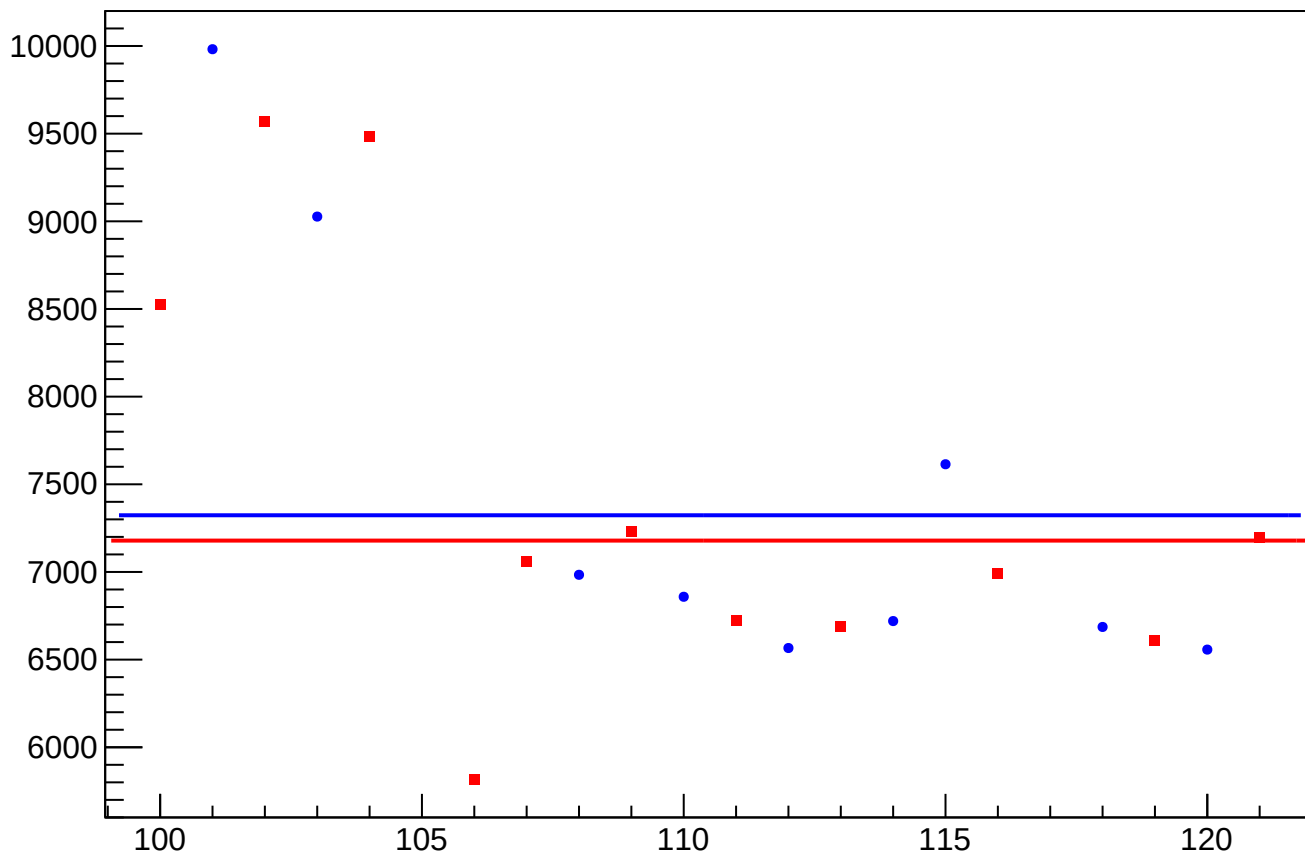
Right: 13.223+/-2.555 χ^2/NDF : 59.1/19

In: 25.321+/-3.871 χ^2/NDF : 26.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.223+/-2.555 χ^2/NDF : 59.1/19

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7323.378+/-2.737 χ^2/NDF : 175597.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7178.926+/-2.406 χ^2/NDF : 199666.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

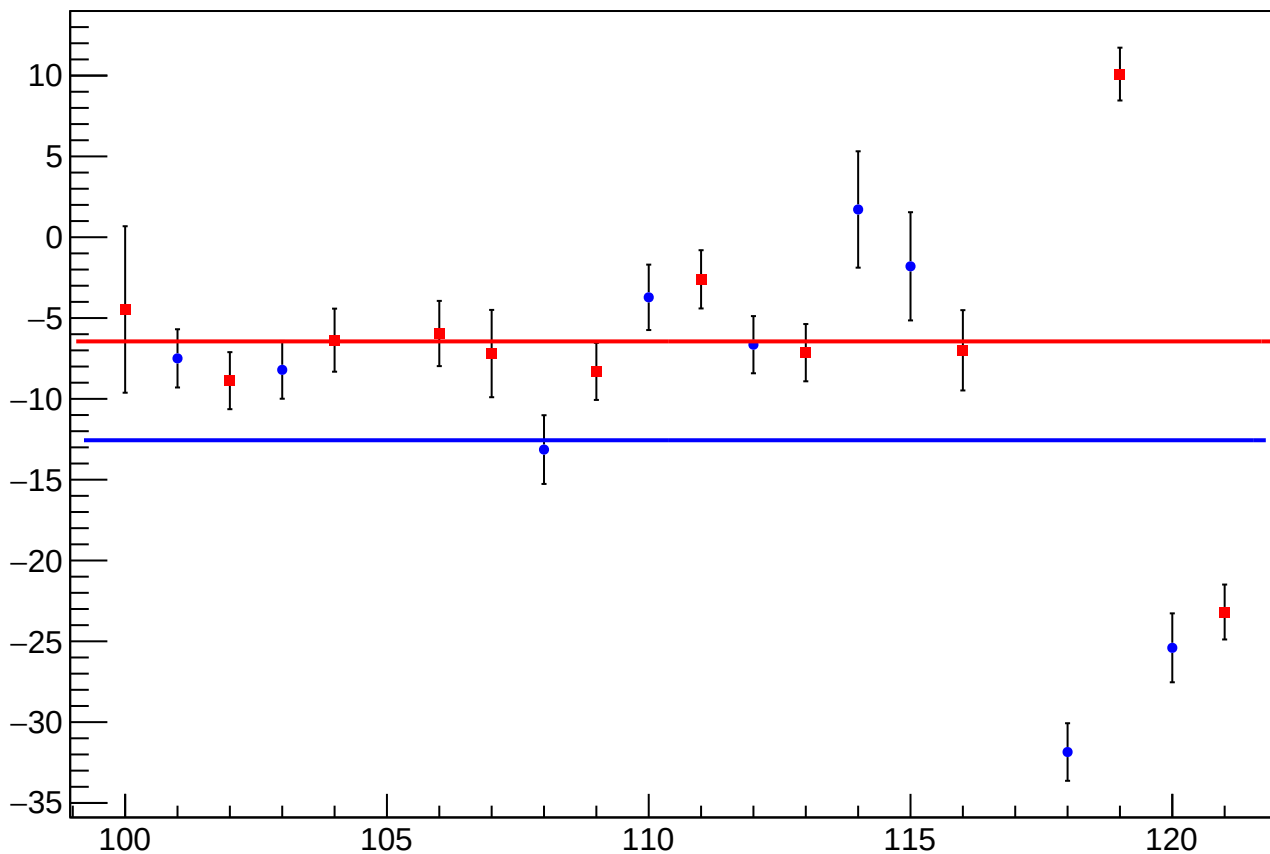
Right: 7241.871+/-1.807 χ^2/NDF : 376835.6/19

In: 7323.378+/-2.737 χ^2/NDF : 175597.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7241.871+/-1.807 χ^2/NDF : 376835.6/19

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -12.560 $\pm$ 0.689 χ^2 /NDF: 223.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.445 $\pm$ 0.594 χ^2 /NDF: 207.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

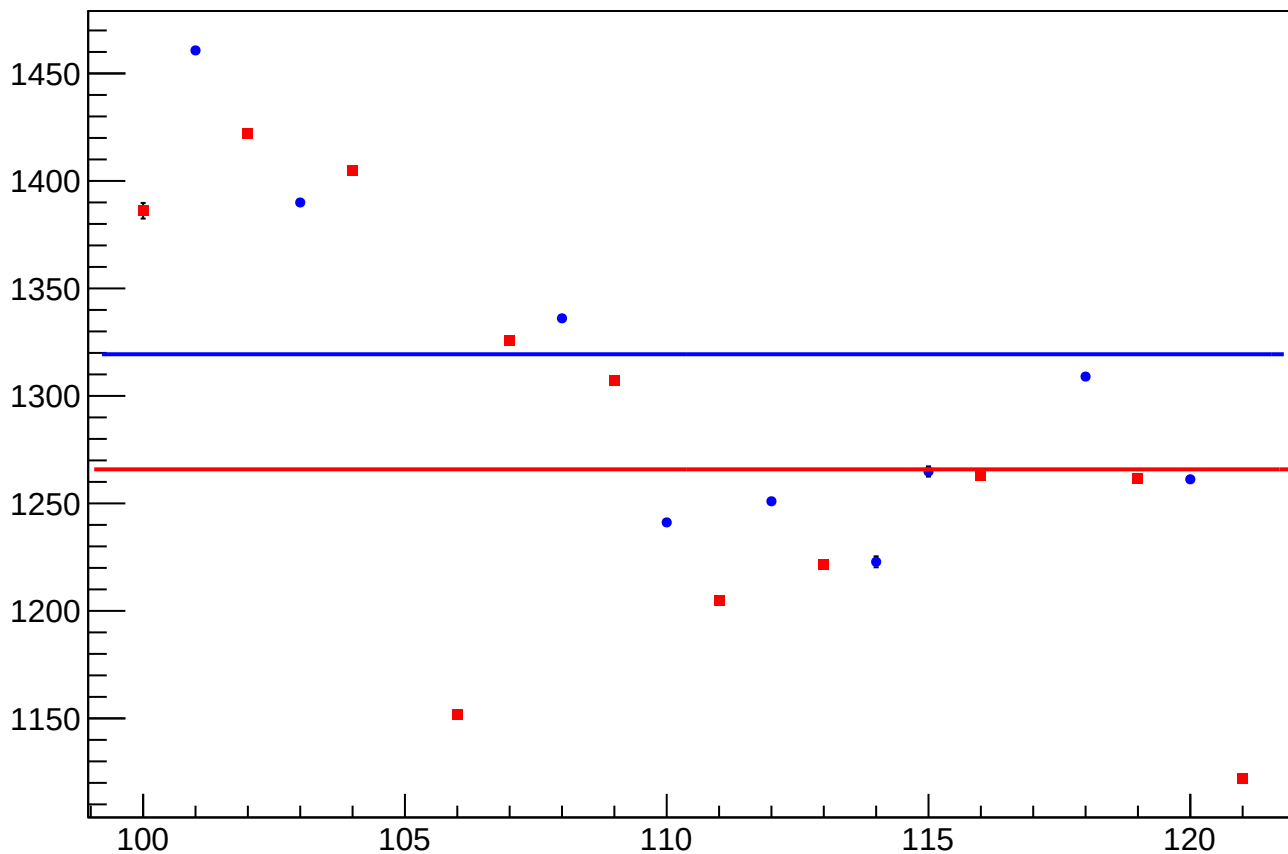
Right: -9.053 $\pm$ 0.450 χ^2 /NDF: 476.6/19

In: -12.560 $\pm$ 0.689 χ^2 /NDF:223.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.053 $\pm$ 0.450 χ^2 /NDF: 476.6/19

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1319.378+/-0.487 χ^2/NDF : 25058.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.844+/-0.420 χ^2/NDF : 53331.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

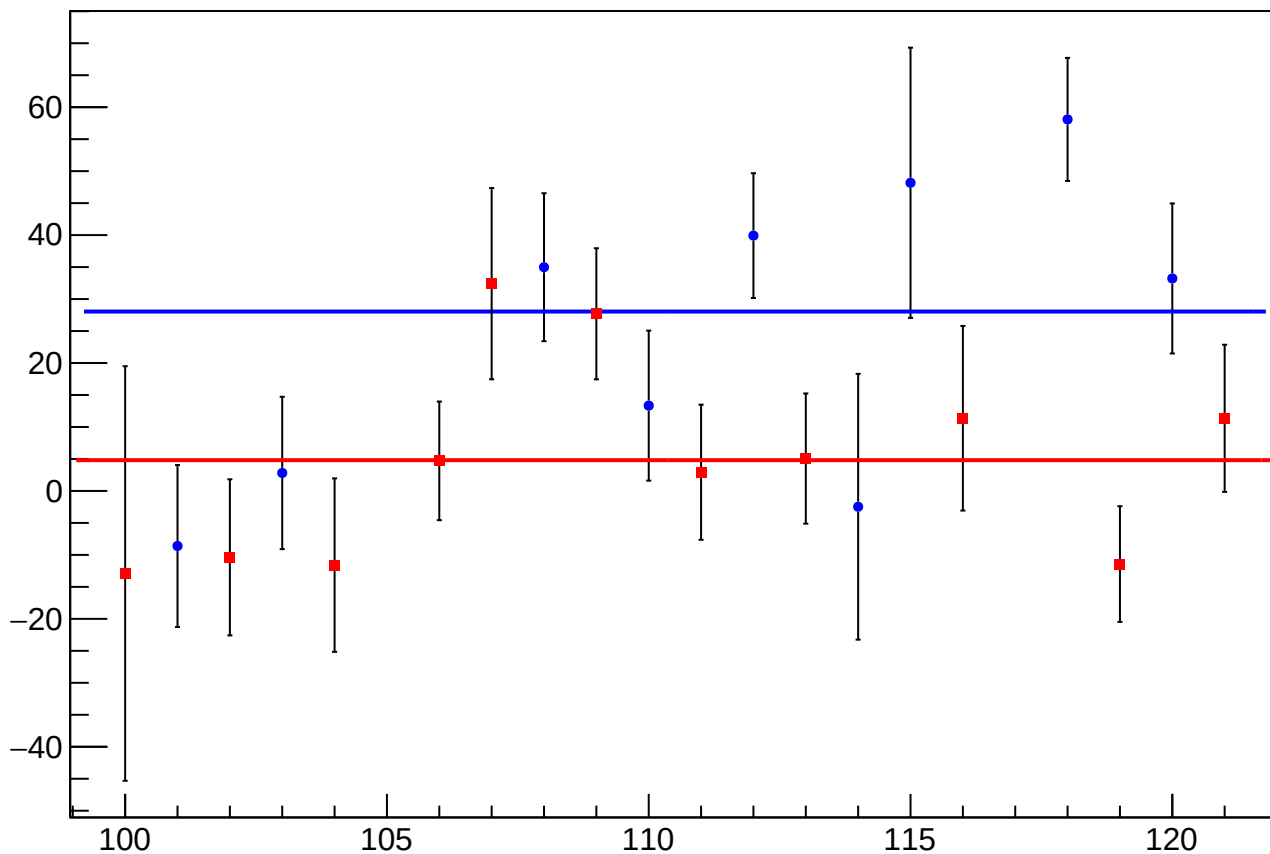
Right: 1288.676+/-0.318 χ^2/NDF : 85320.2/19

In: 1319.378+/-0.487 χ^2/NDF : 25058.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.676+/-0.318 χ^2/NDF : 85320.2/19

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 28.049+/-4.043 χ^2/NDF : 29.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.810+/-3.494 χ^2/NDF : 15.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

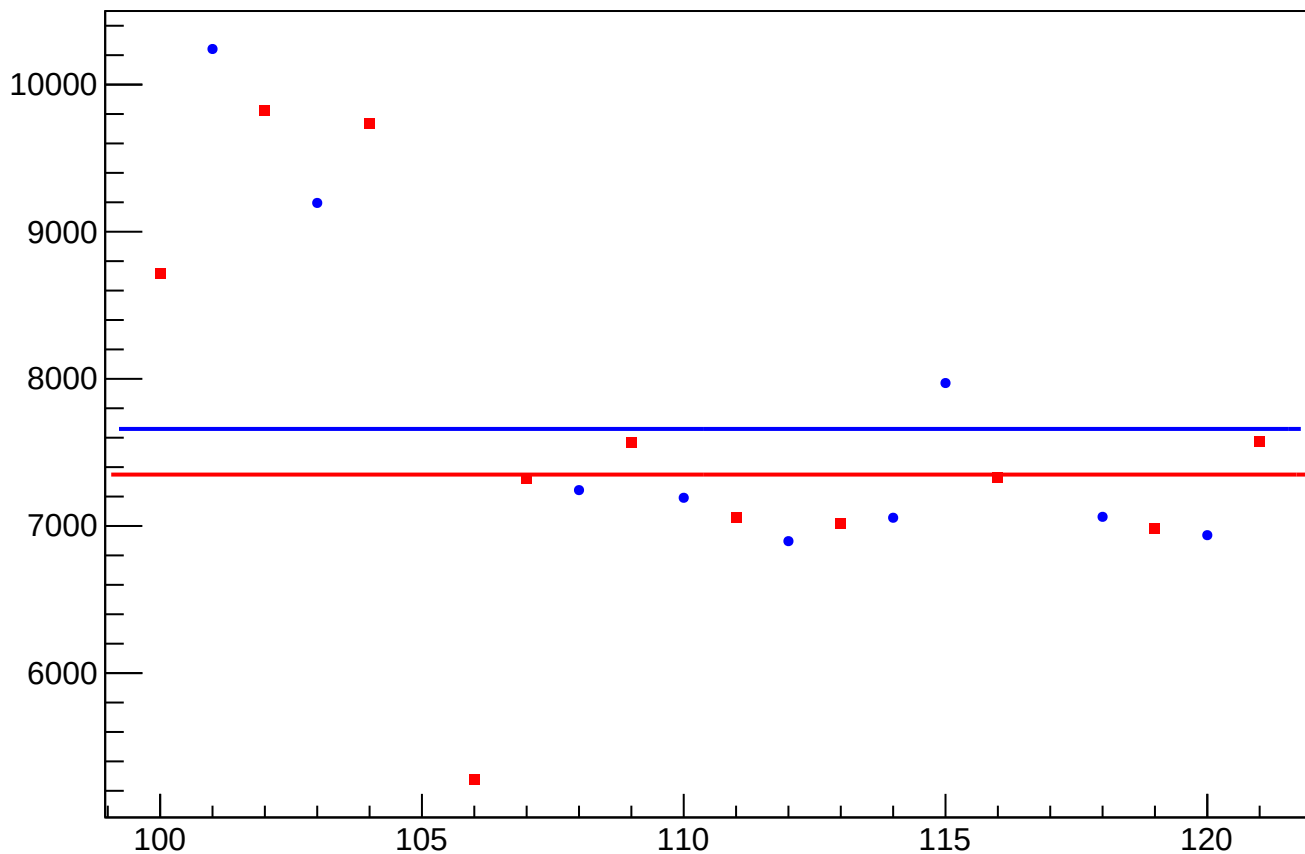
Right: 14.745+/-2.644 χ^2/NDF : 63.7/19

In: 28.049+/-4.043 χ^2/NDF : 29.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.745+/-2.644 χ^2/NDF : 63.7/19

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7659.626+/-2.859 χ^2/NDF : 151813.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7349.378+/-2.471 χ^2/NDF : 256299.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

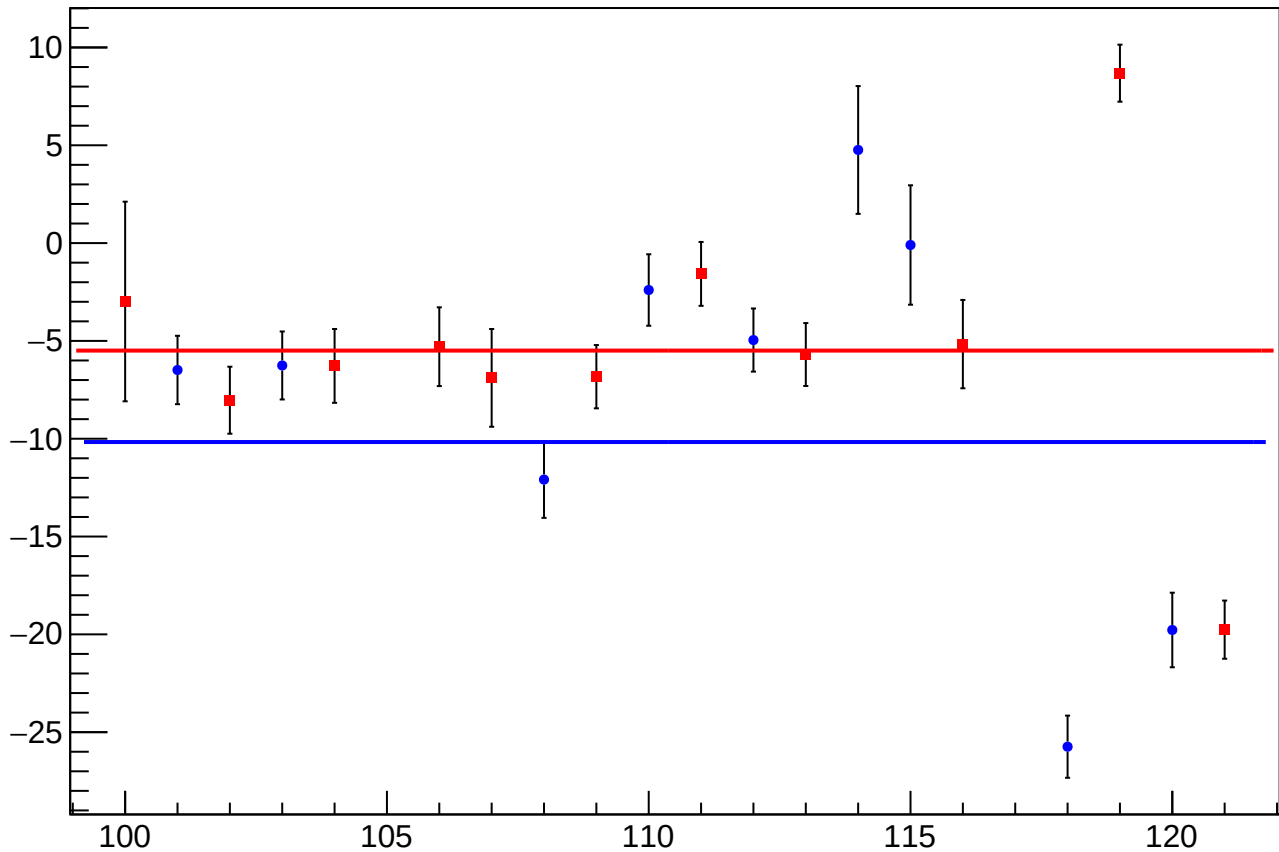
Right: 7482.010+/-1.869 χ^2/NDF : 414853.7/19

In: 7659.626+/-2.859 χ^2/NDF : 151813.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7482.010+/-1.869 χ^2/NDF : 414853.7/19

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -10.169 $\pm$ 0.636 χ^2 /NDF: 192.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.494 $\pm$ 0.548 χ^2 /NDF: 196.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

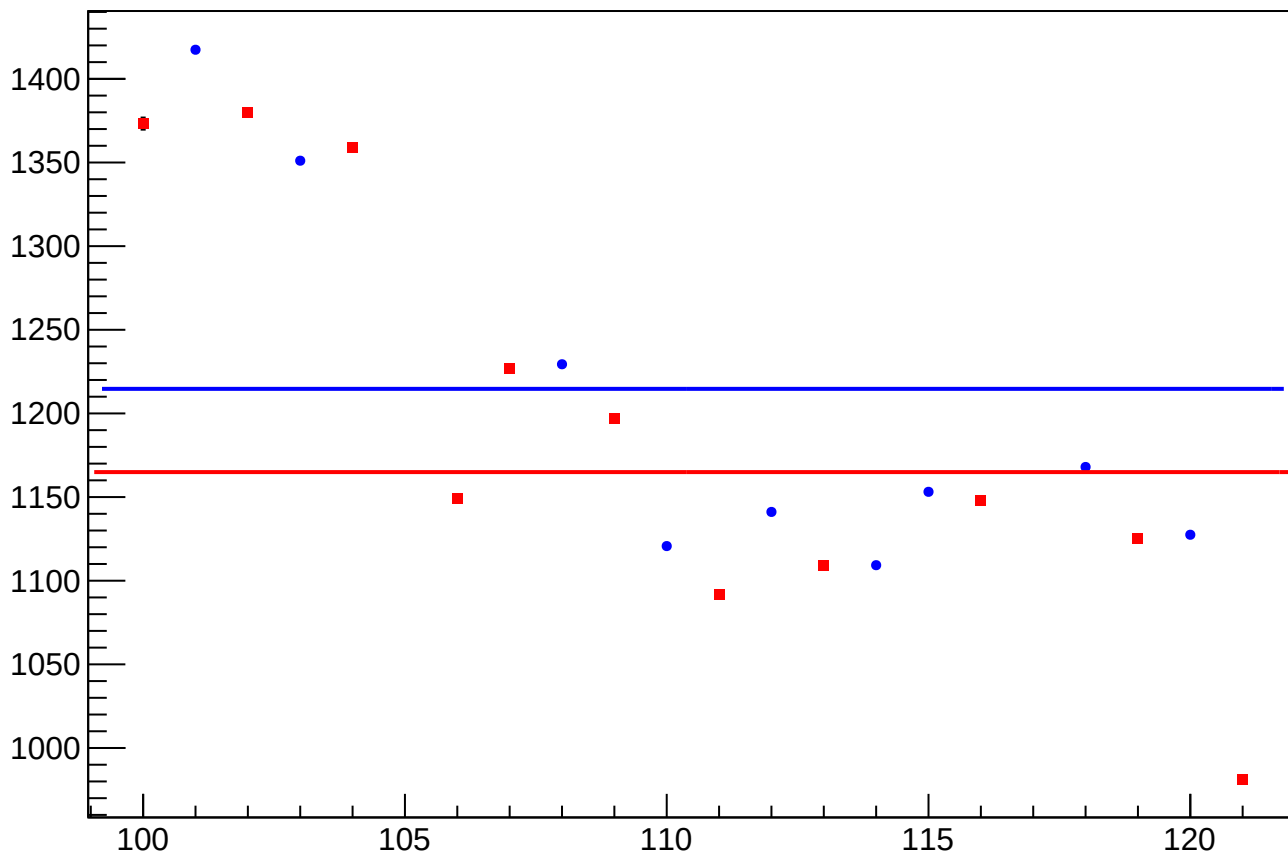
Right: -7.488 $\pm$ 0.415 χ^2 /NDF: 419.5/19

In: -10.169 $\pm$ 0.636 χ^2 /NDF:192.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.488 $\pm$ 0.415 χ^2 /NDF: 419.5/19

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1214.691+/-0.449 χ^2/NDF : 57600.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1164.931+/-0.387 χ^2/NDF : 96745.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

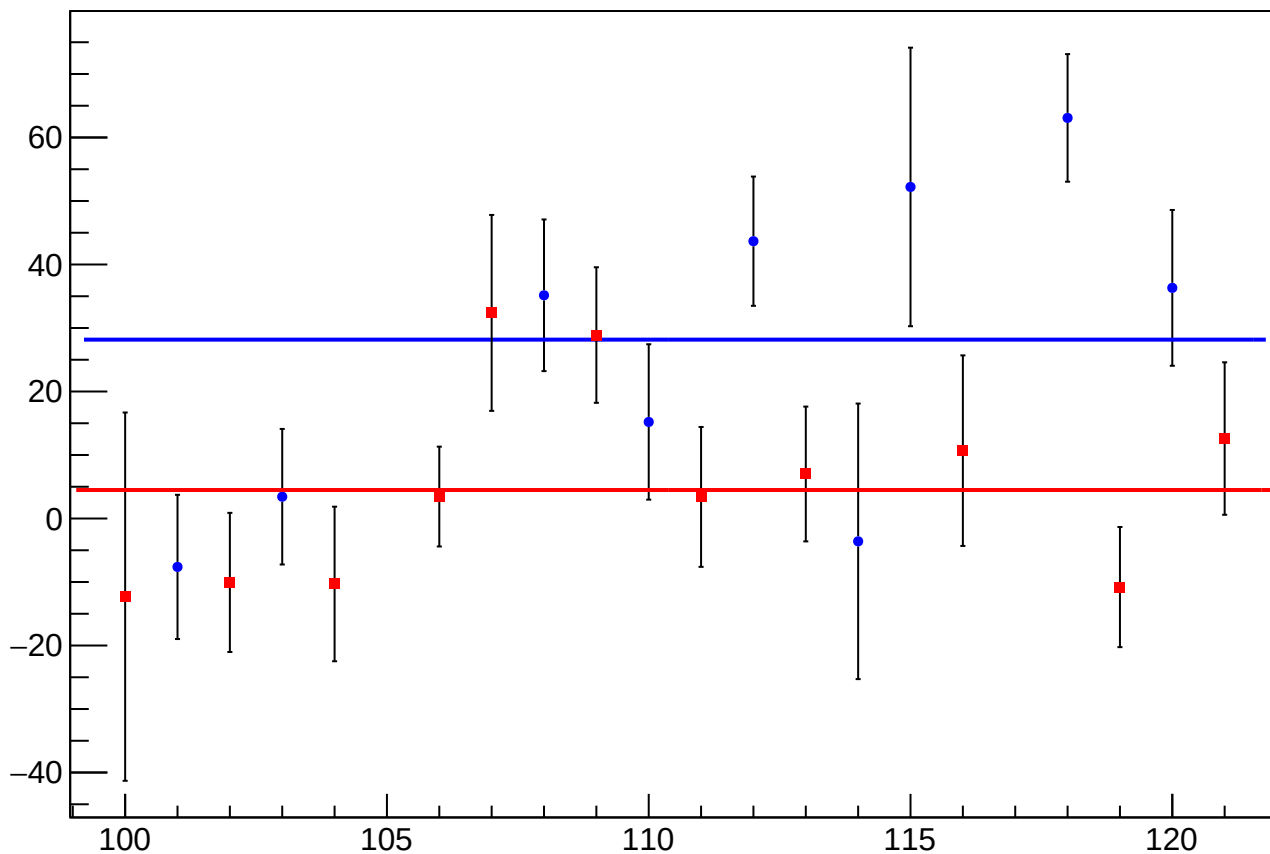
Right: 1186.148+/-0.293 χ^2/NDF : 161377.9/19

In: 1214.691+/-0.449 χ^2/NDF : 57600.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.148+/-0.293 χ^2/NDF : 161377.9/19

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 28.167+/-4.061 χ^2/NDF : 35.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.487+/-3.428 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

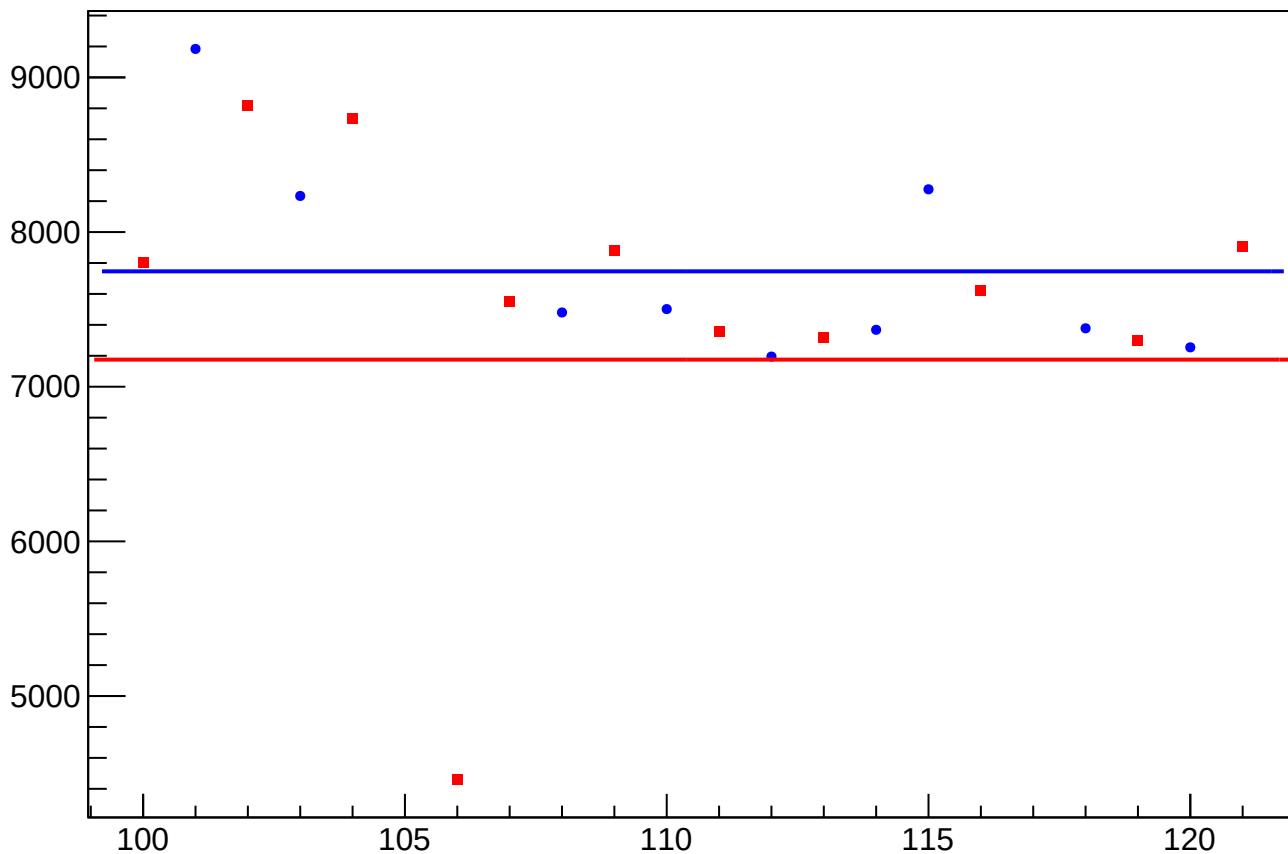
Right: 14.338+/-2.619 χ^2/NDF : 70.2/19

In: 28.167+/-4.061 χ^2/NDF : 35.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.338+/-2.619 χ^2/NDF : 70.2/19

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7746.001+/-2.872 χ^2/NDF : 51579.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7175.163+/-2.424 χ^2/NDF : 338299.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

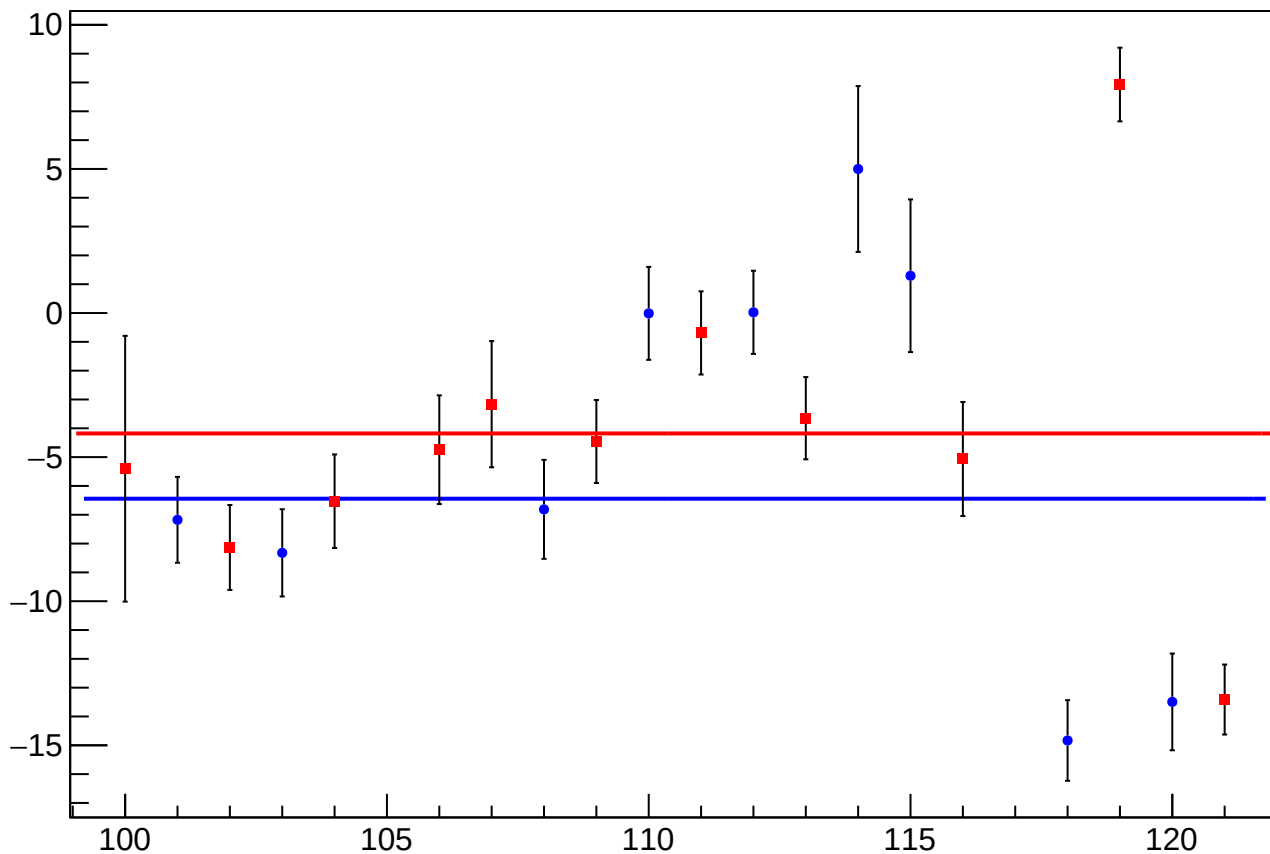
Right: 7412.641+/-1.852 χ^2/NDF : 412955.9/19

In: 7746.001+/-2.872 χ^2/NDF : 51579.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7412.641+/-1.852 χ^2/NDF : 412955.9/19

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -6.443+/-0.557 χ^2/NDF : 115.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.179+/-0.478 χ^2/NDF : 163.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

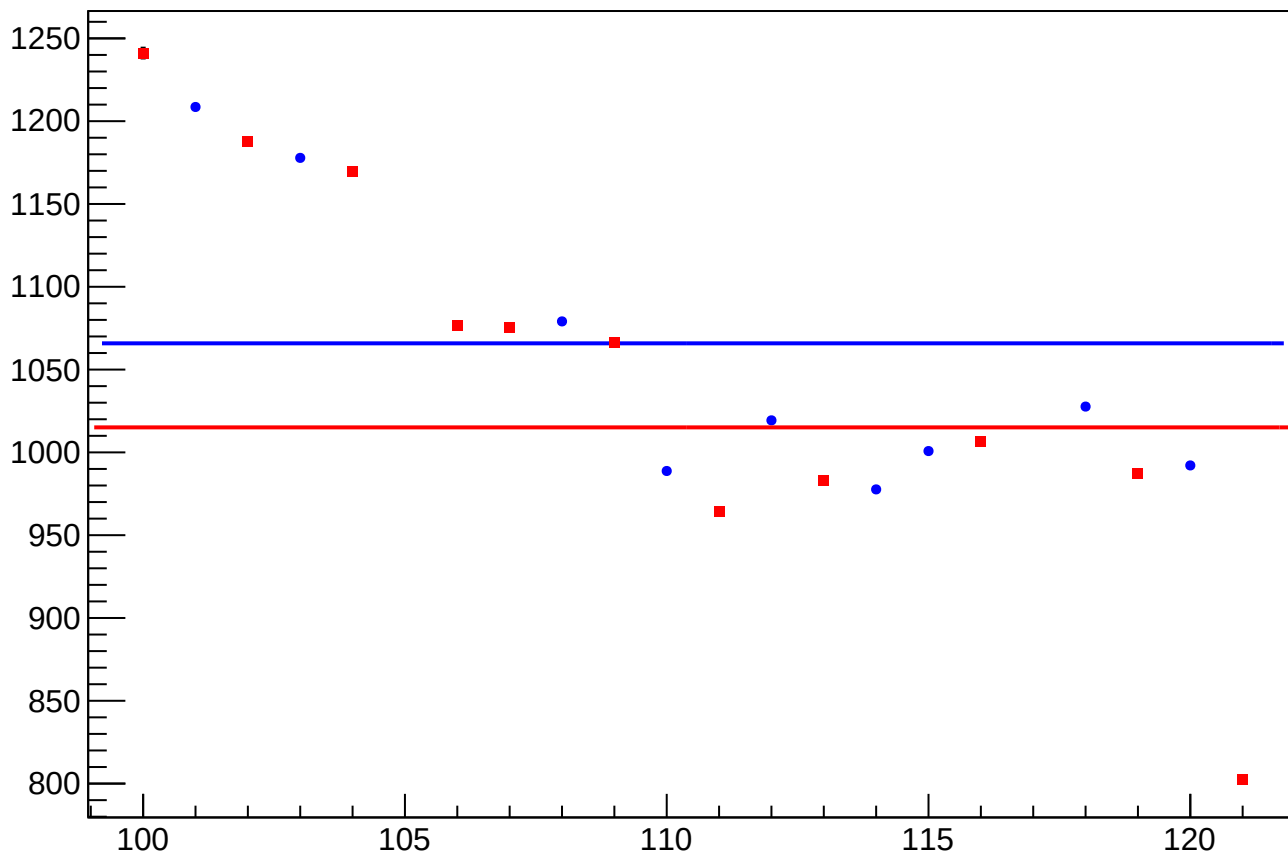
Right: -5.139+/-0.363 χ^2/NDF : 288.6/19

In: -6.443+/-0.557 χ^2/NDF : 115.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.139+/-0.363 χ^2/NDF : 288.6/19

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1065.848 $\pm$ 0.394 χ^2 /NDF: 44494.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1015.098 $\pm$ 0.338 χ^2 /NDF: 122119.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

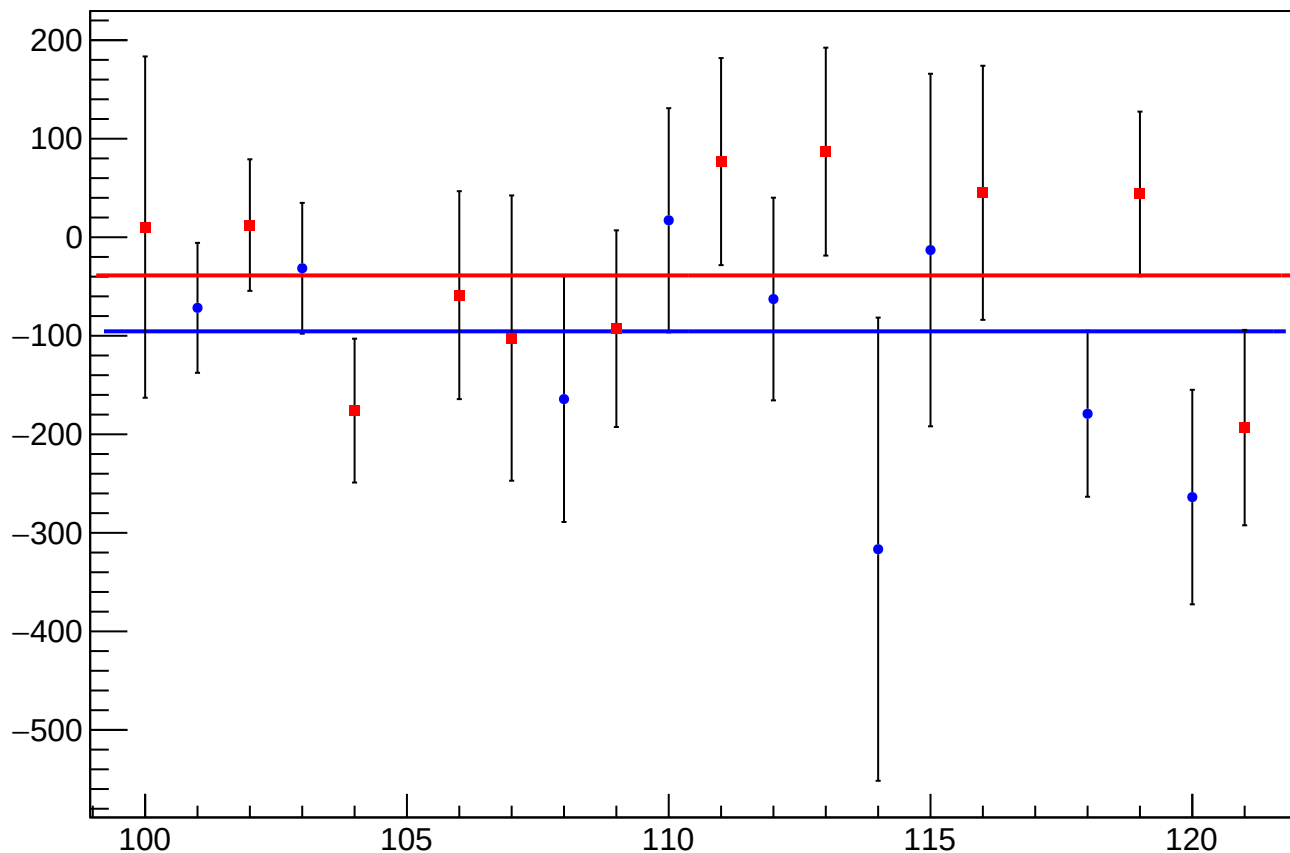
Right: 1036.617 $\pm$ 0.257 χ^2 /NDF: 176169.0/19

In: 1065.848 $\pm$ 0.394 χ^2 /NDF:44494.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1036.617 $\pm$ 0.257 χ^2 /NDF: 176169.0/19

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -95.497 $\pm$ 32.144 χ^2 /NDF: 6.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.734 $\pm$ 29.249 χ^2 /NDF: 11.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

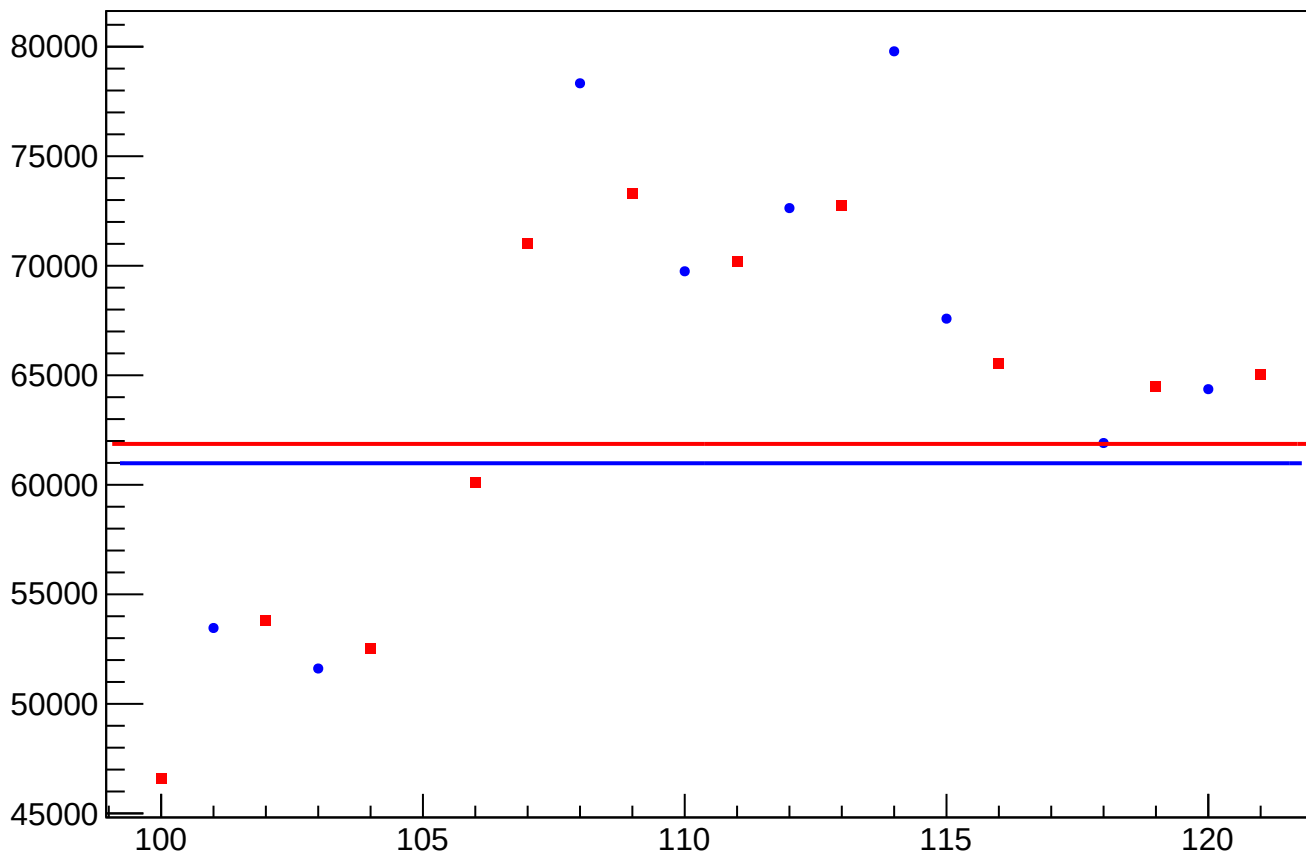
Right: -64.445 $\pm$ 21.634 χ^2 /NDF: 19.8/19

In: -95.497 $\pm$ 32.144 χ^2 /NDF:6.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.445 $\pm$ 21.634 χ^2 /NDF: 19.8/19

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 60984.172+/-22.729 χ^2/NDF : 159805.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61866.902+/-20.682 χ^2/NDF : 152003.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

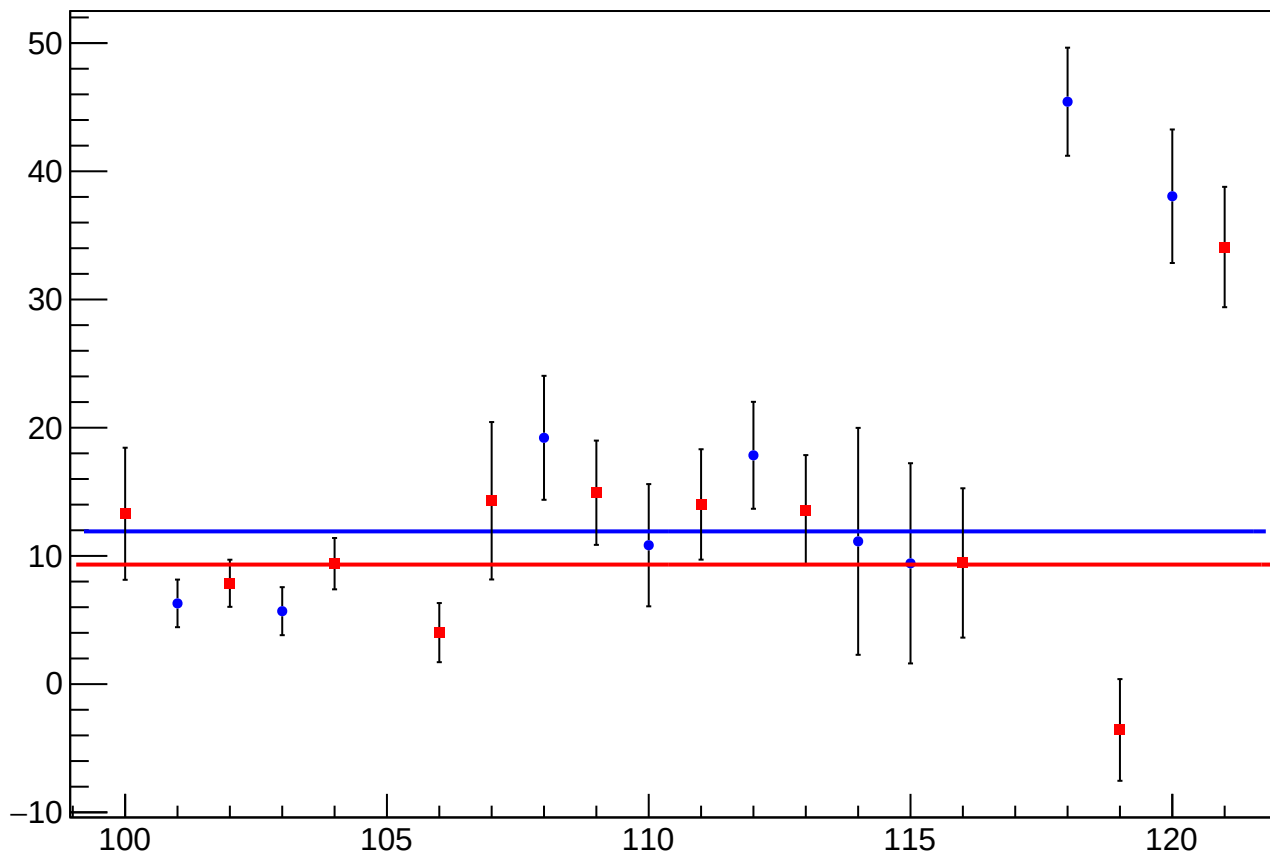
Right: 61467.067+/-15.297 χ^2/NDF : 312633.5/19

In: 60984.172+/-22.729 χ^2/NDF : 159805.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61467.067+/-15.297 χ^2/NDF : 312633.5/19

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.913+/-1.090 χ^2/NDF : 113.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.325+/-0.951 χ^2/NDF : 49.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

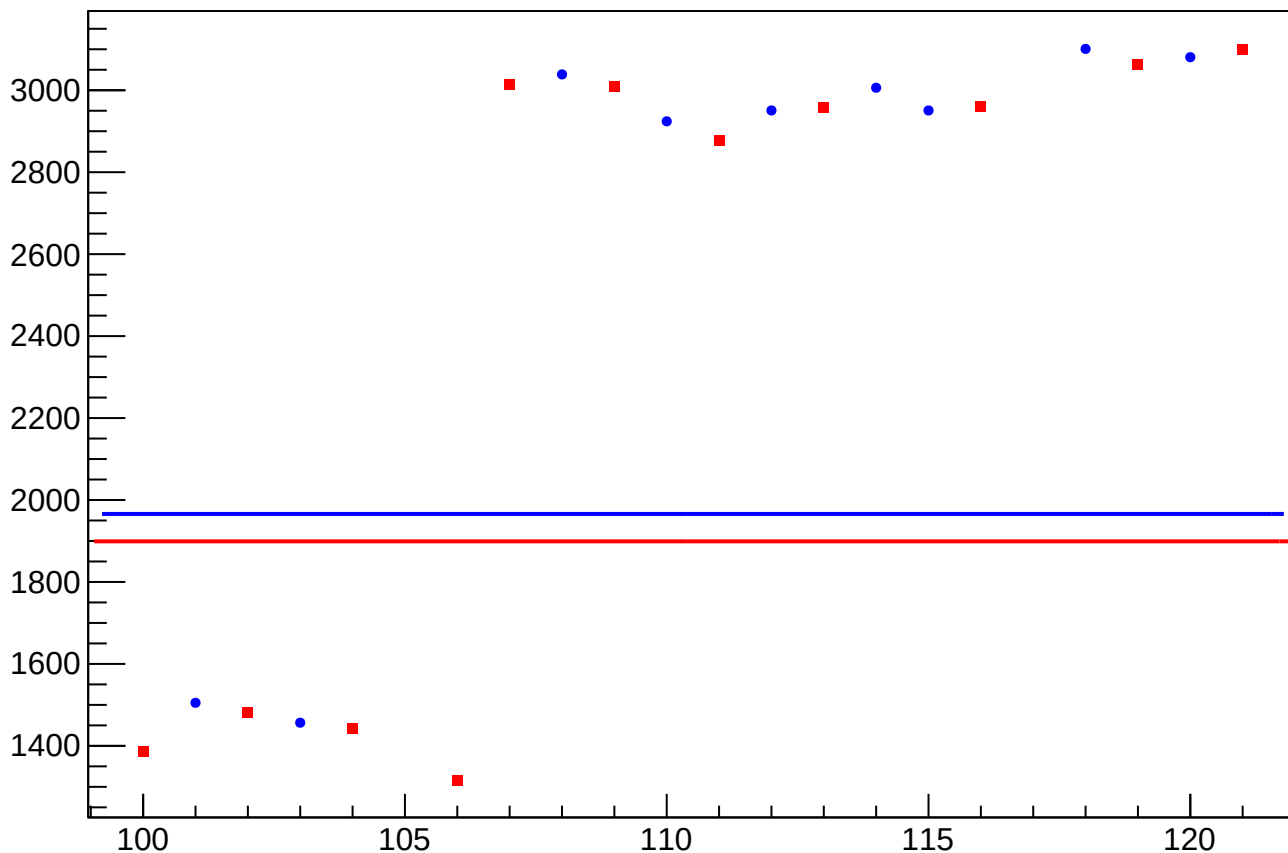
Right: 10.444+/-0.717 χ^2/NDF : 165.9/19

In: 11.913+/-1.090 χ^2/NDF : 113.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.444+/-0.717 χ^2/NDF : 165.9/19

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1966.033+/-0.771 χ^2/NDF : 858095.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1899.135+/-0.673 χ^2/NDF : 1164883.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

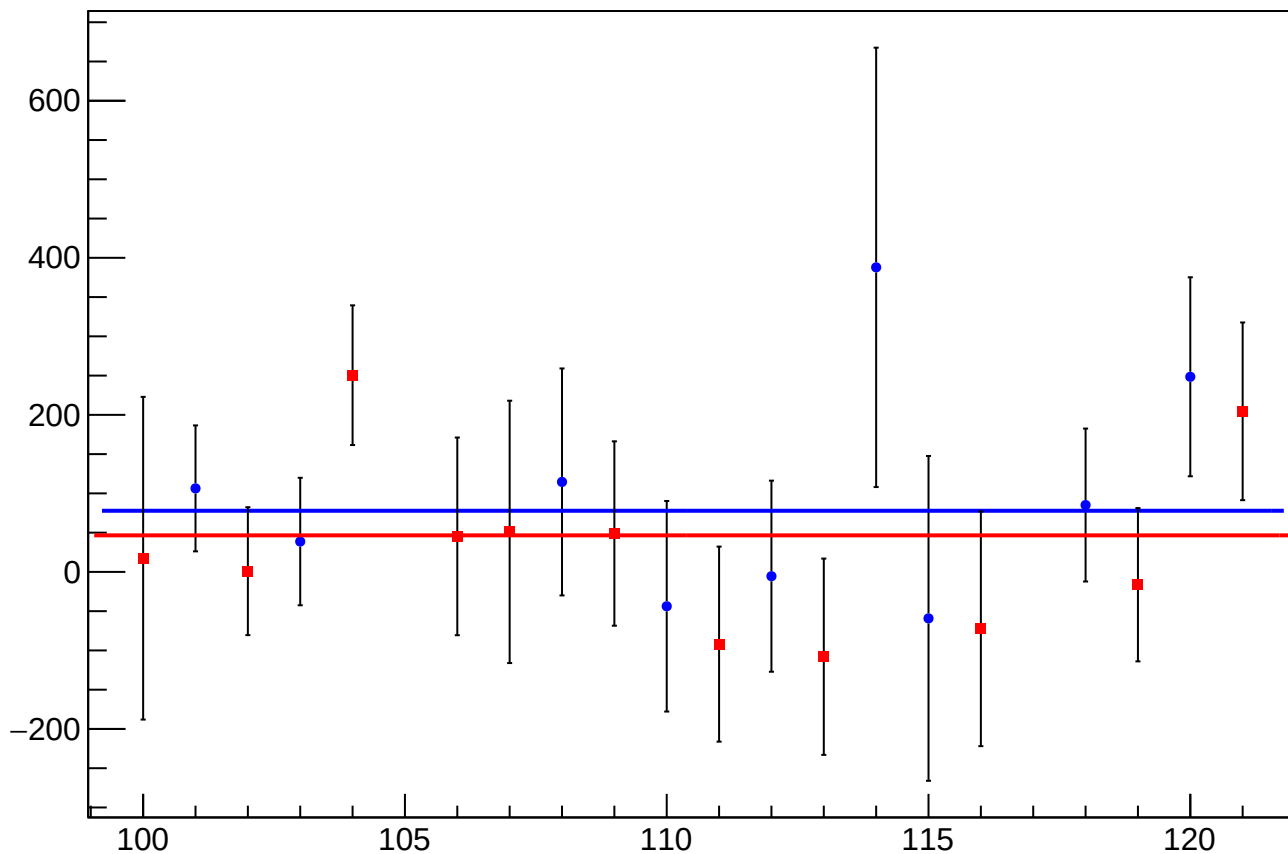
Right: 1928.064+/-0.507 χ^2/NDF : 2027256.6/19

In: 1966.033+/-0.771 χ^2/NDF : 858095.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.064+/-0.507 χ^2/NDF : 2027256.6/19

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 77.862 $\pm$ 38.288 χ^2 /NDF: 5.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.549 $\pm$ 34.734 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

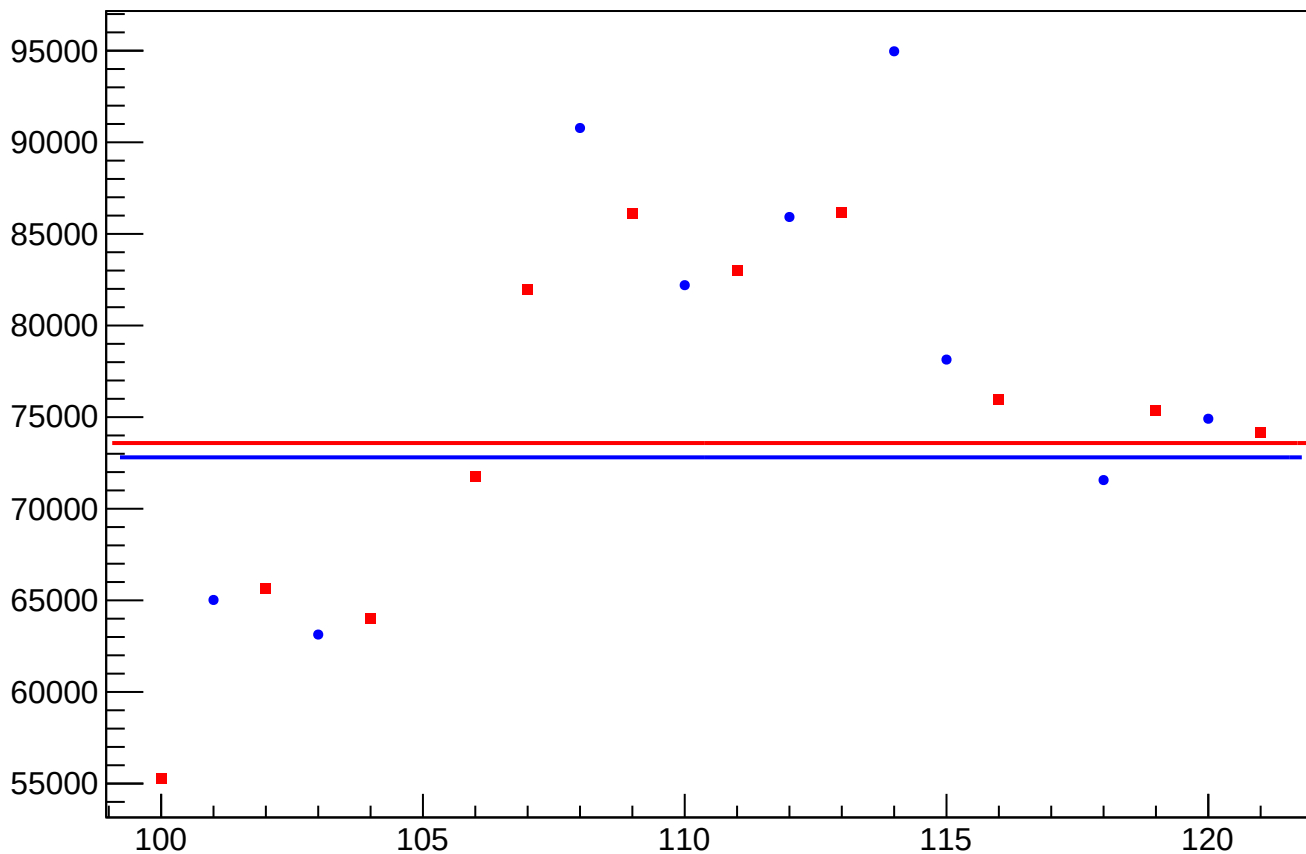
Right: 60.685 $\pm$ 25.726 χ^2 /NDF: 16.9/19

In: 77.862 $\pm$ 38.288 χ^2 /NDF:5.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.685 $\pm$ 25.726 χ^2 /NDF: 16.9/19

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 72805.456+/-27.074 χ^2/NDF : 125995.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73586.113+/-24.561 χ^2/NDF : 119400.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

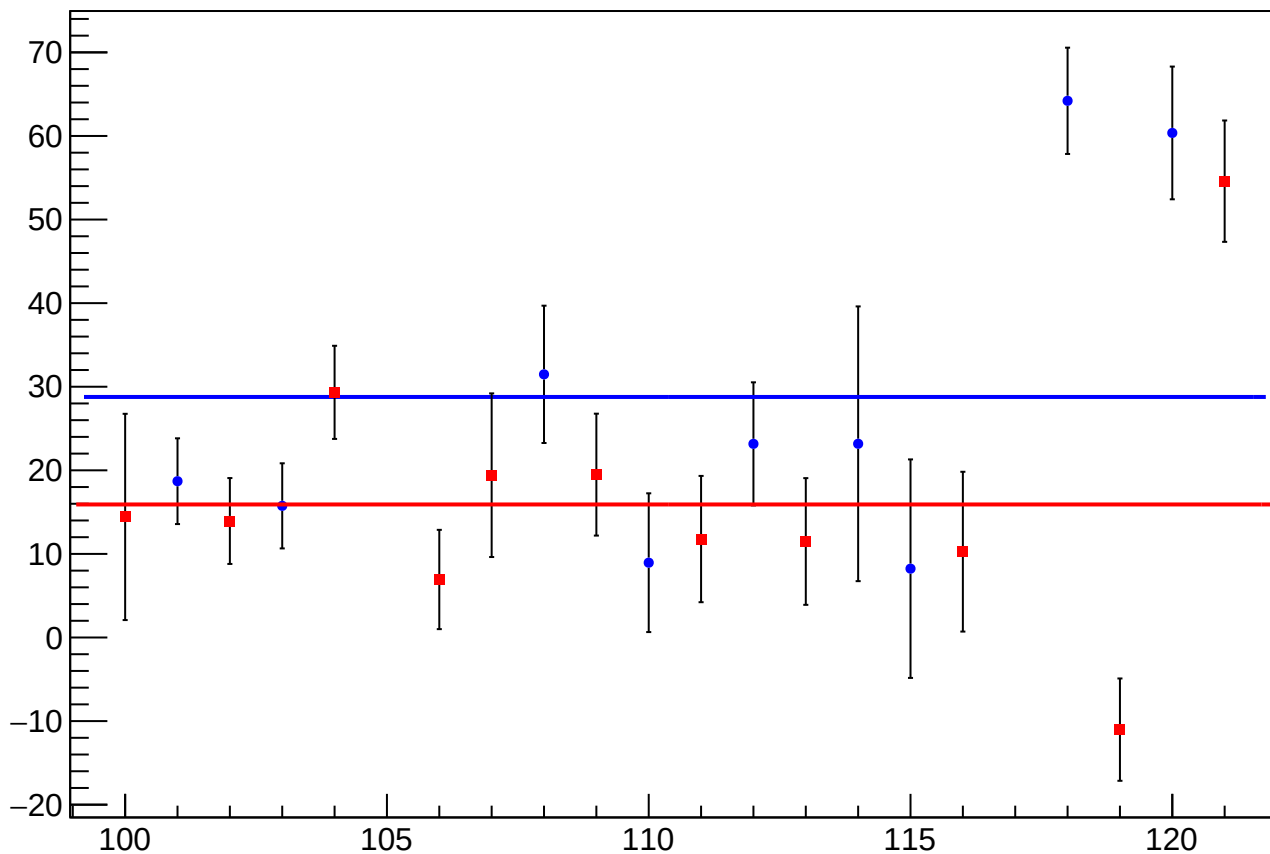
Right: 73233.690+/-18.191 χ^2/NDF : 245851.6/19

In: 72805.456+/-27.074 χ^2/NDF : 125995.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73233.690+/-18.191 χ^2/NDF : 245851.6/19

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 28.777+/-2.394 χ^2/NDF : 66.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.916+/-2.104 χ^2/NDF : 57.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

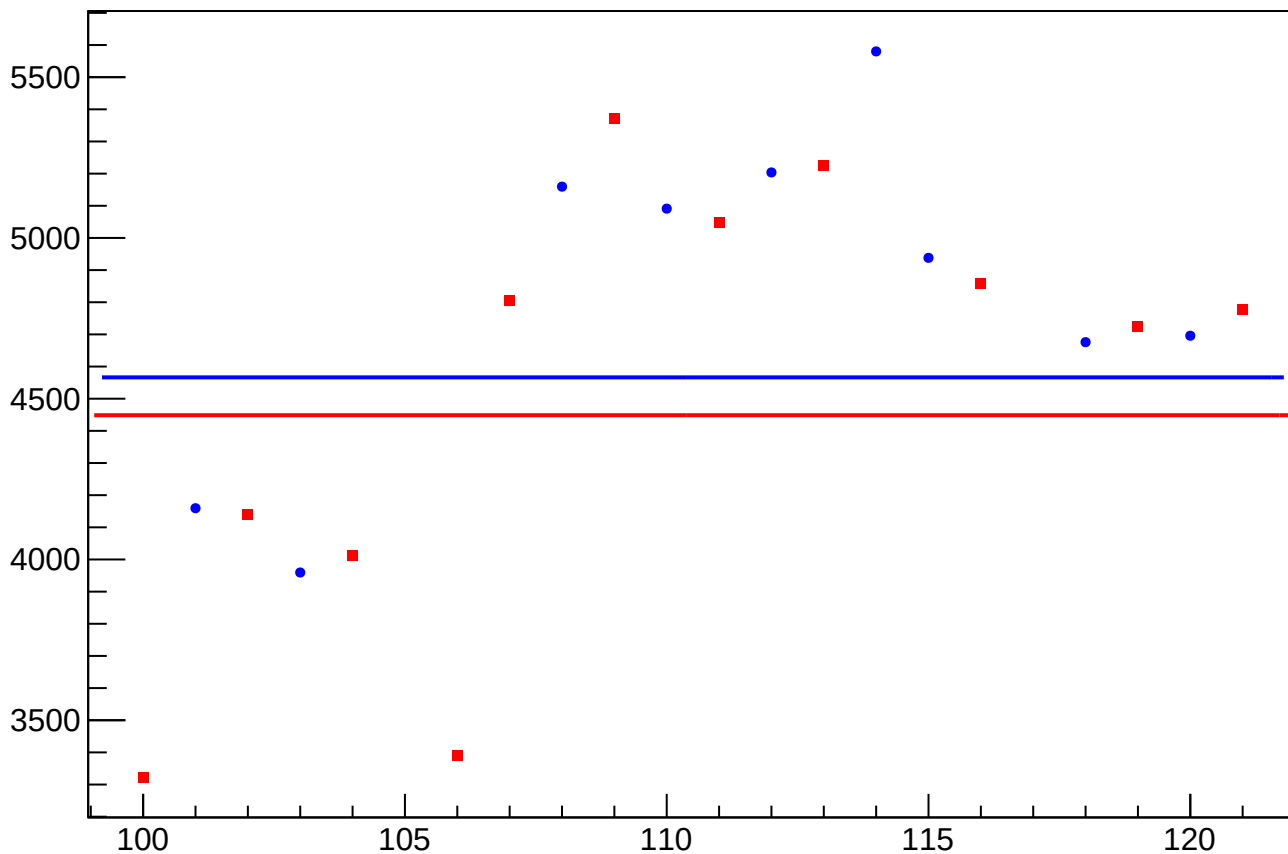
Right: 21.522+/-1.580 χ^2/NDF : 139.9/19

In: 28.777+/-2.394 χ^2/NDF : 66.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.522+/-1.580 χ^2/NDF : 139.9/19

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4566.353+/-1.693 χ^2/NDF : 84767.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4448.661+/-1.488 χ^2/NDF : 180201.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

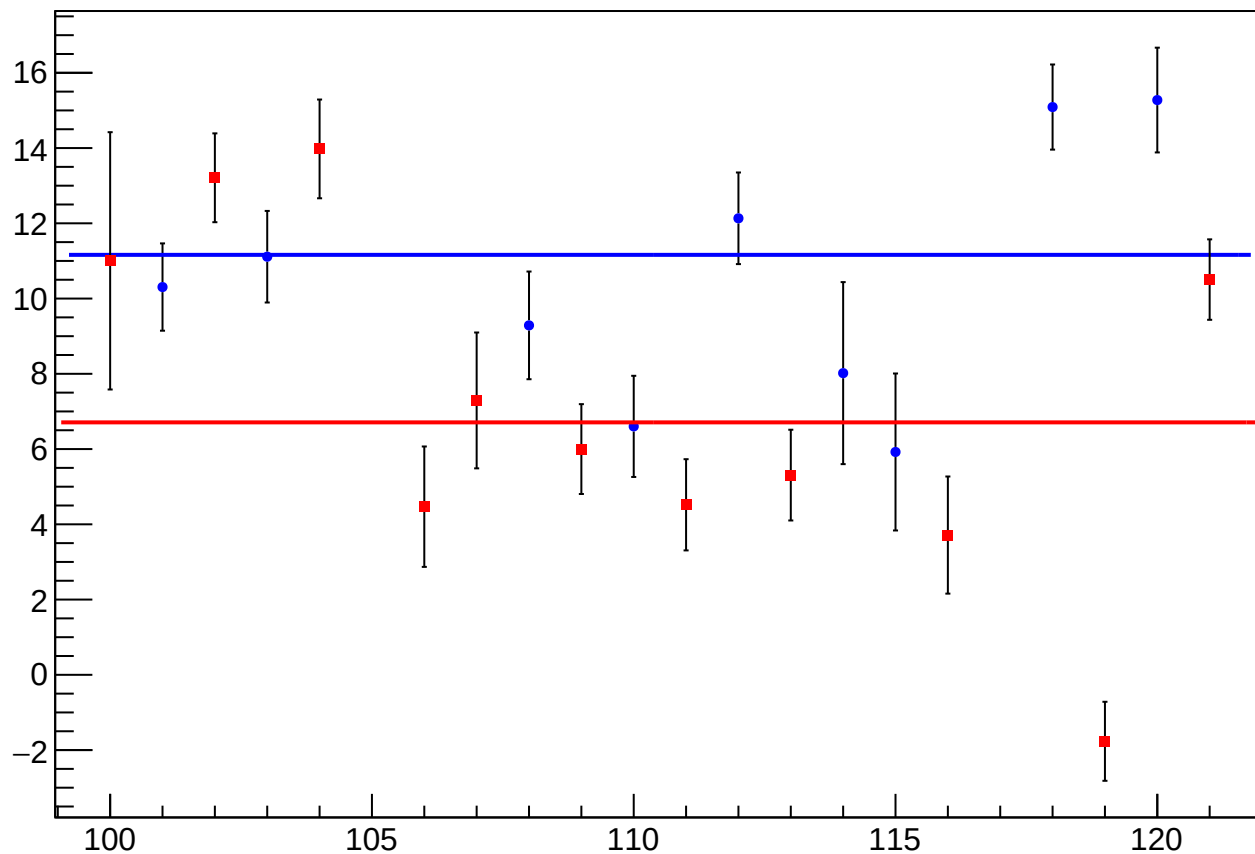
Right: 4499.966+/-1.118 χ^2/NDF : 267696.4/19

In: 4566.353+/-1.693 χ^2/NDF : 84767.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4499.966+/-1.118 χ^2/NDF : 267696.4/19

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.162 $\pm$ 0.455 χ^2 /NDF: 43.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.709 $\pm$ 0.397 χ^2 /NDF: 151.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

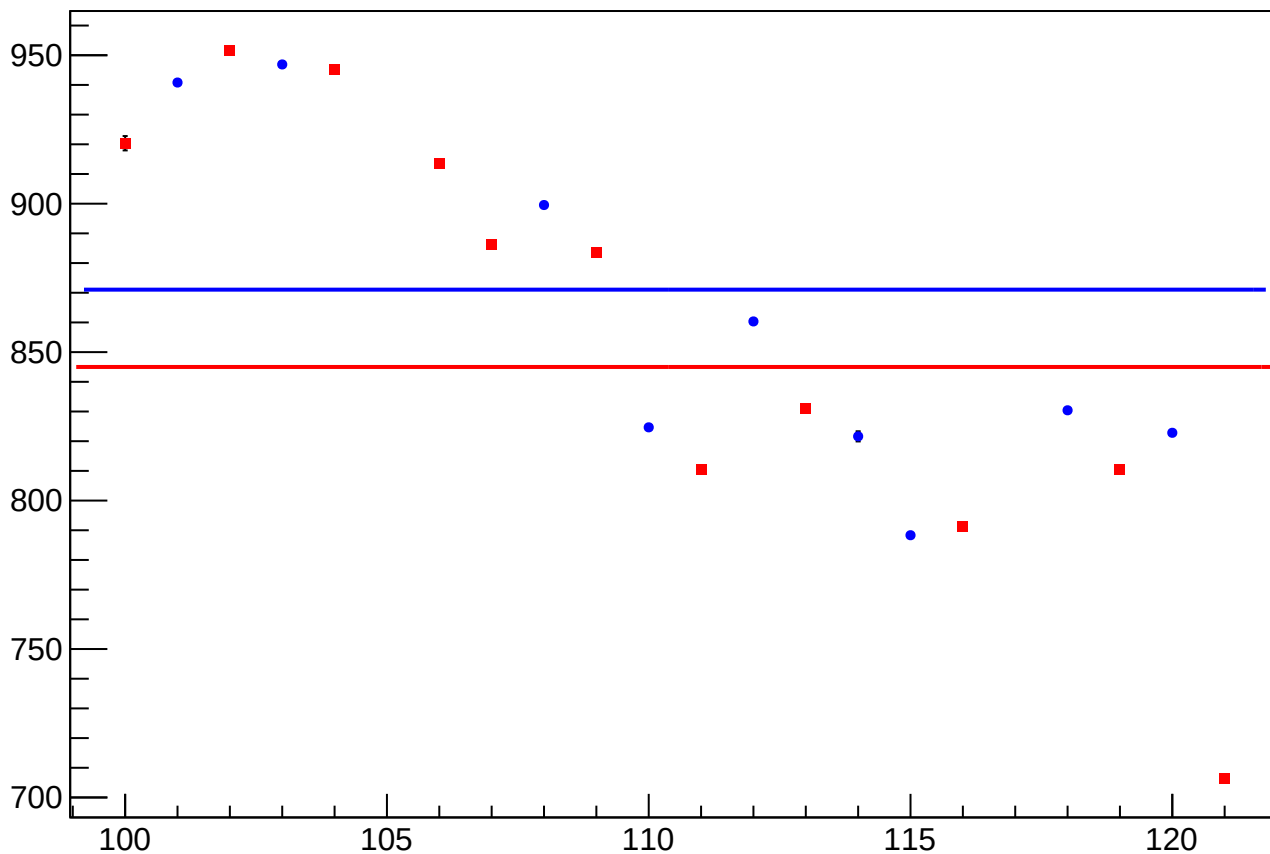
Right: 8.634 $\pm$ 0.299 χ^2 /NDF: 248.6/19

In: 11.162 $\pm$ 0.455 χ^2 /NDF:43.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.634 $\pm$ 0.299 χ^2 /NDF: 248.6/19

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 871.046+/-0.322 χ^2/NDF : 27287.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 845.003+/-0.281 χ^2/NDF : 75847.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

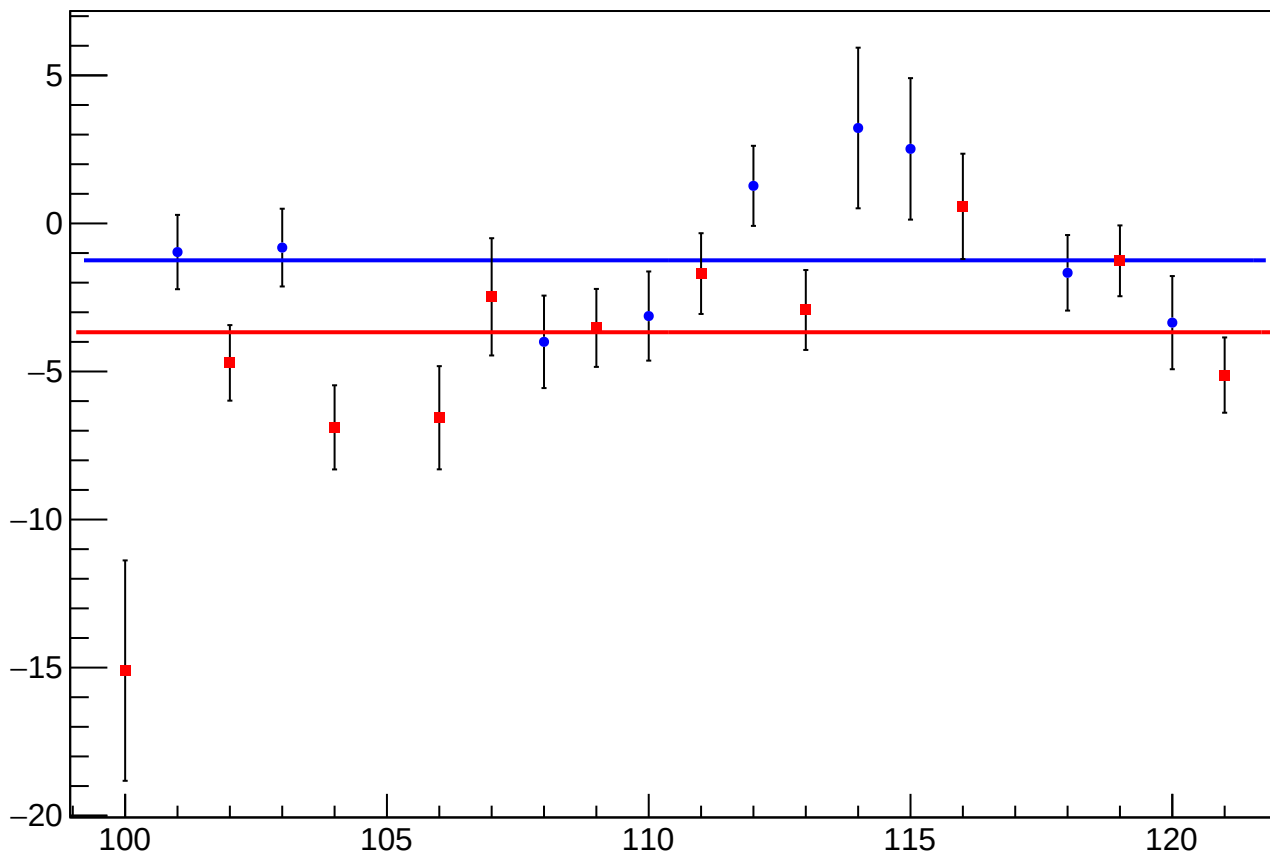
Right: 856.262+/-0.211 χ^2/NDF : 106856.9/19

In: 871.046+/-0.322 χ^2/NDF : 27287.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.262+/-0.211 χ^2/NDF : 106856.9/19

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.246±/-0.504 χ^2/NDF : 15.4/8

Left Out: 0.000±/-0.000 χ^2/NDF :0.0/0

Right Out: -3.674±/-0.444 χ^2/NDF : 31.8/10

Left In: 0.000±/-0.000 χ^2/NDF :0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

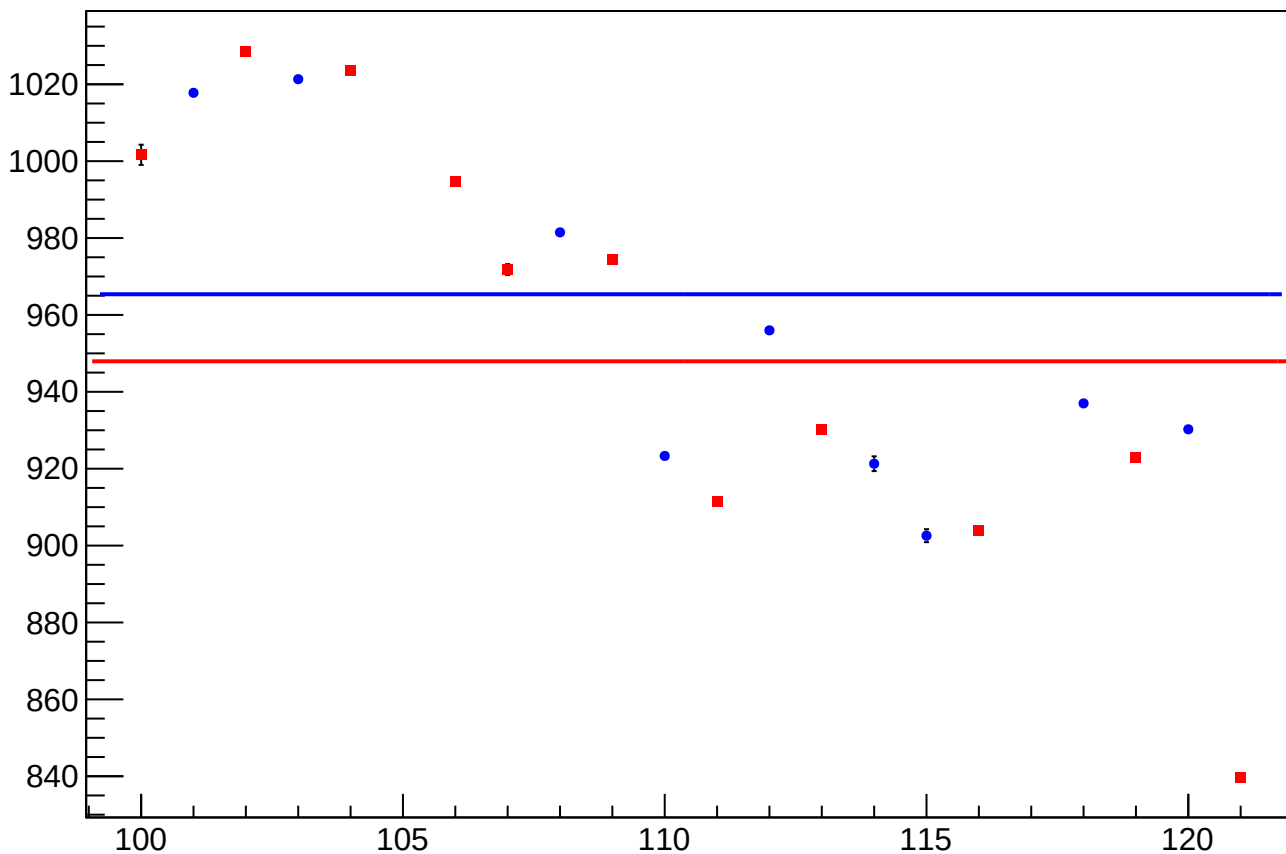
Right: -2.611±/-0.333 χ^2/NDF : 60.3/19

In: -1.246±/-0.504 χ^2/NDF :15.4/8

Out: 0.000±/-0.000 χ^2/NDF :0.0/0

All: -2.611±/-0.333 χ^2/NDF : 60.3/19

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 965.383+/-0.356 χ^2/NDF : 12886.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.938+/-0.314 χ^2/NDF : 34975.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

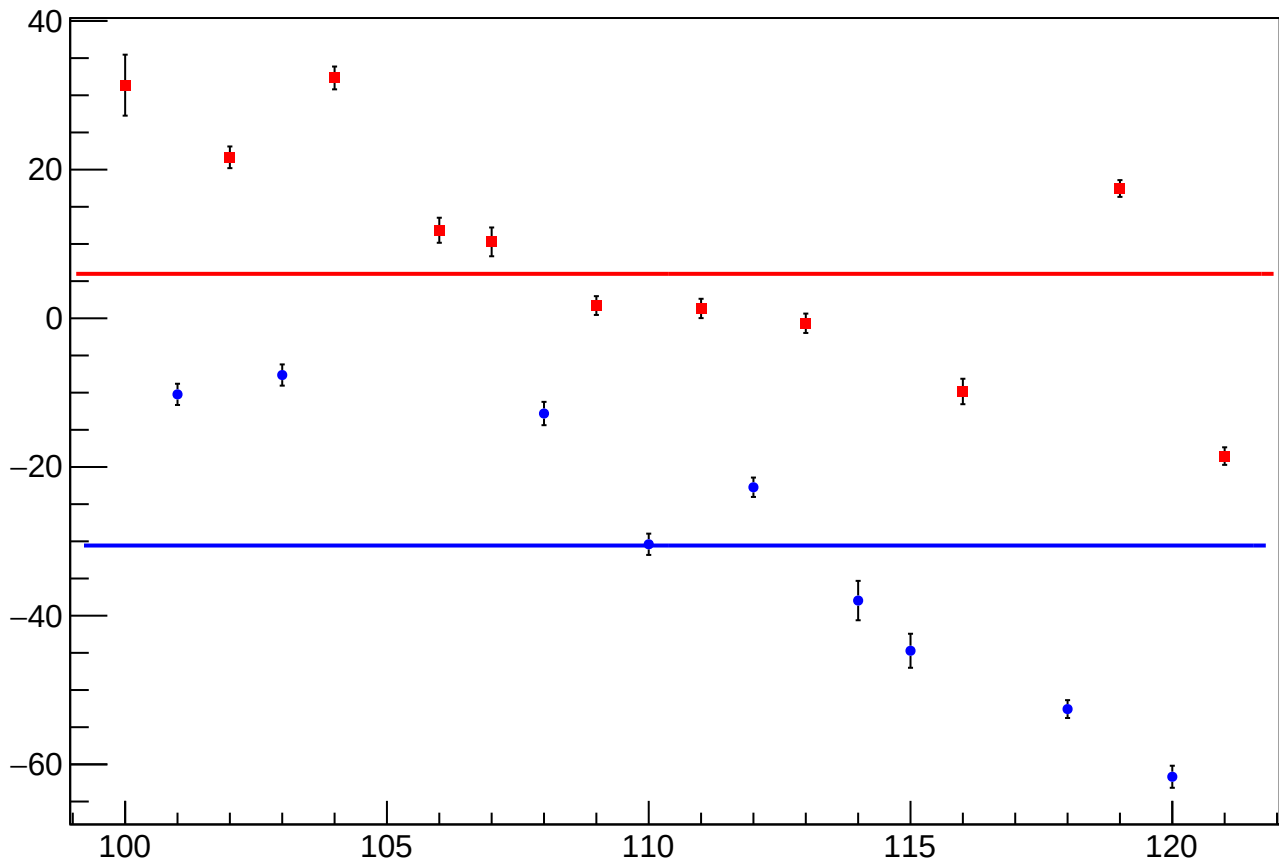
Right: 955.574+/-0.236 χ^2/NDF : 49211.3/19

In: 965.383+/-0.356 χ^2/NDF : 12886.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.574+/-0.236 χ^2/NDF : 49211.3/19

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -30.563 $\pm$ 0.504 χ^2 /NDF: 1445.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.982 $\pm$ 0.437 χ^2 /NDF: 1136.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

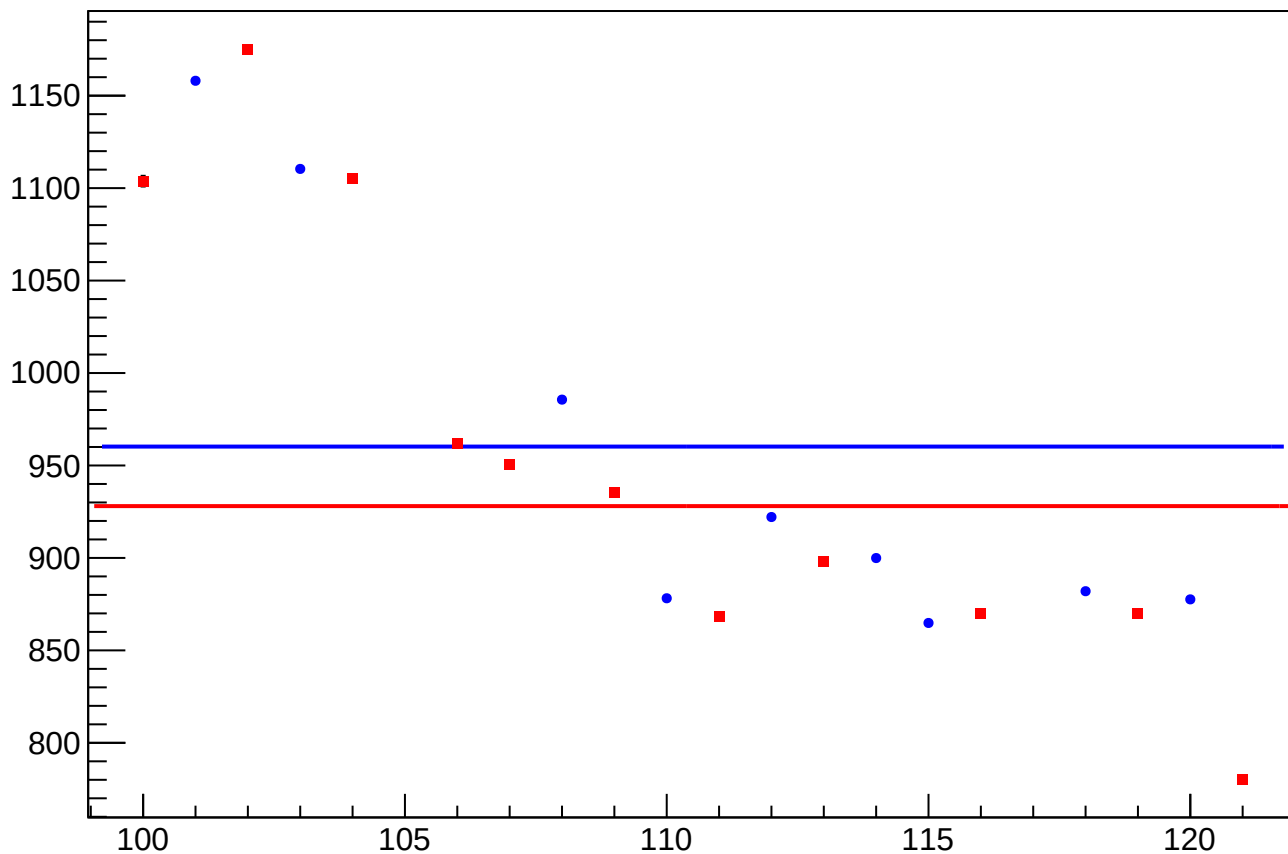
Right: -9.733 $\pm$ 0.330 χ^2 /NDF: 5584.5/19

In: -30.563 $\pm$ 0.504 χ^2 /NDF:1445.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.733 $\pm$ 0.330 χ^2 /NDF: 5584.5/19

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 960.223+/-0.356 χ^2/NDF : 88490.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.026+/-0.309 χ^2/NDF : 132974.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

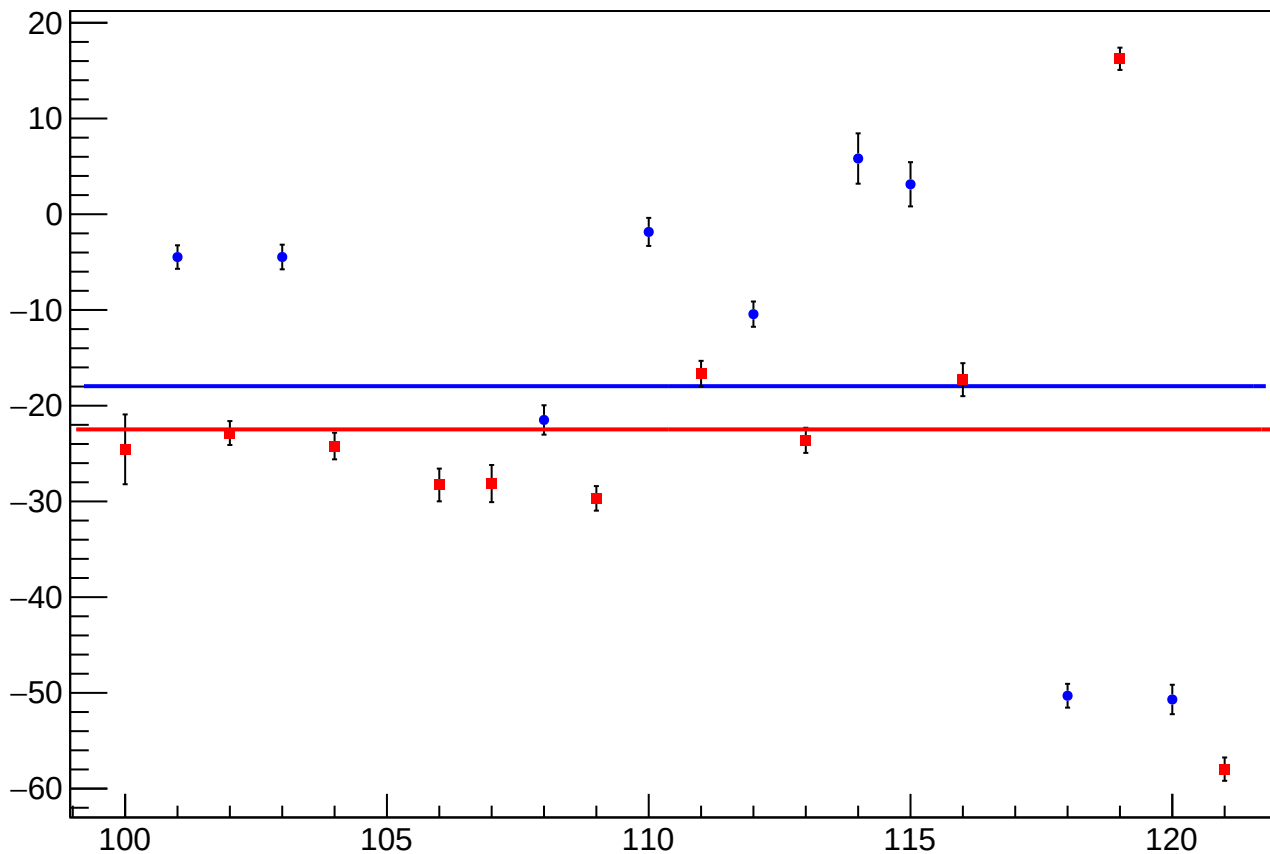
Right: 941.871+/-0.233 χ^2/NDF : 226126.4/19

In: 960.223+/-0.356 χ^2/NDF : 88490.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.871+/-0.233 χ^2/NDF : 226126.4/19

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -17.961 $\pm$ 0.492 χ^2 /NDF: 1684.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.477 $\pm$ 0.433 χ^2 /NDF: 2043.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

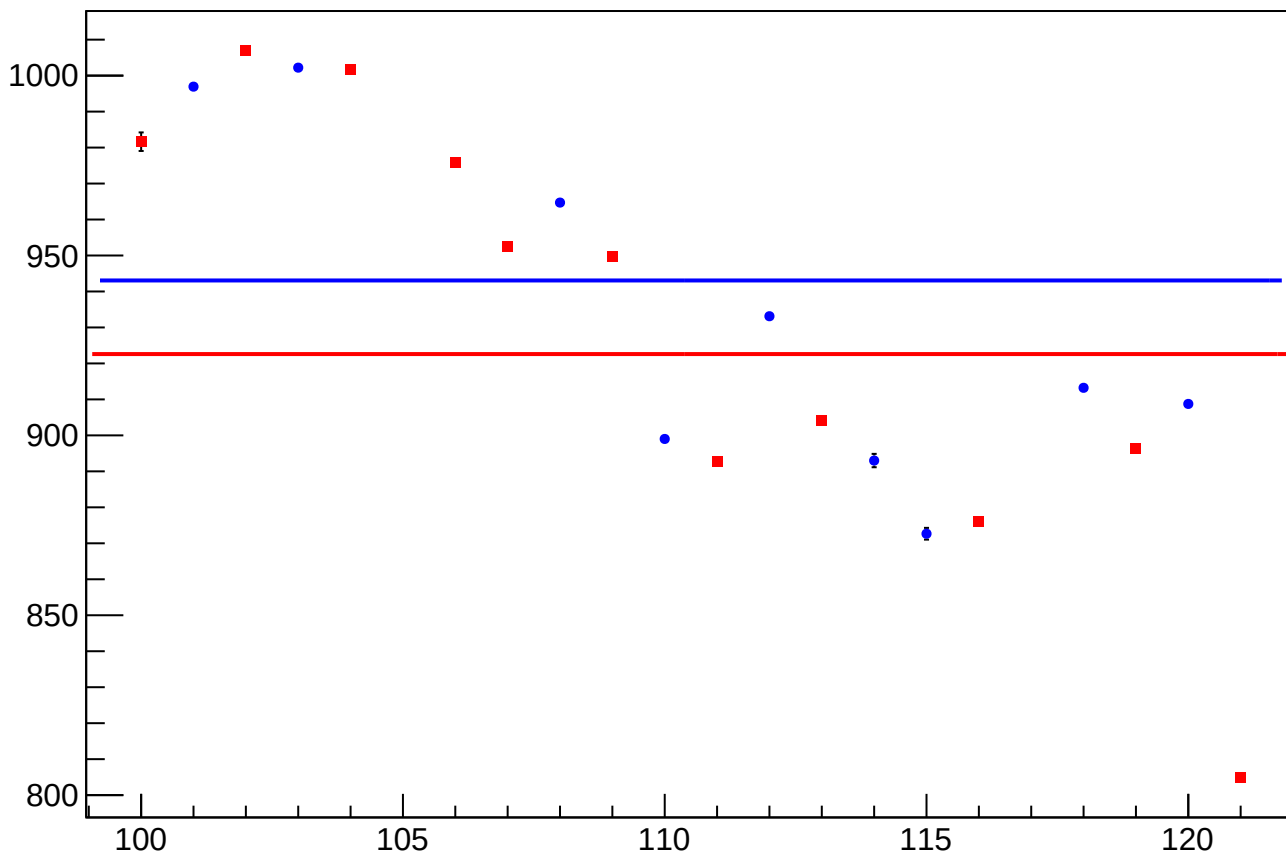
Right: -20.508 $\pm$ 0.325 χ^2 /NDF: 3774.6/19

In: -17.961 $\pm$ 0.492 χ^2 /NDF:1684.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.508 $\pm$ 0.325 χ^2 /NDF: 3774.6/19

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 943.060+/-0.348 χ^2/NDF : 15111.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 922.602+/-0.306 χ^2/NDF : 41994.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

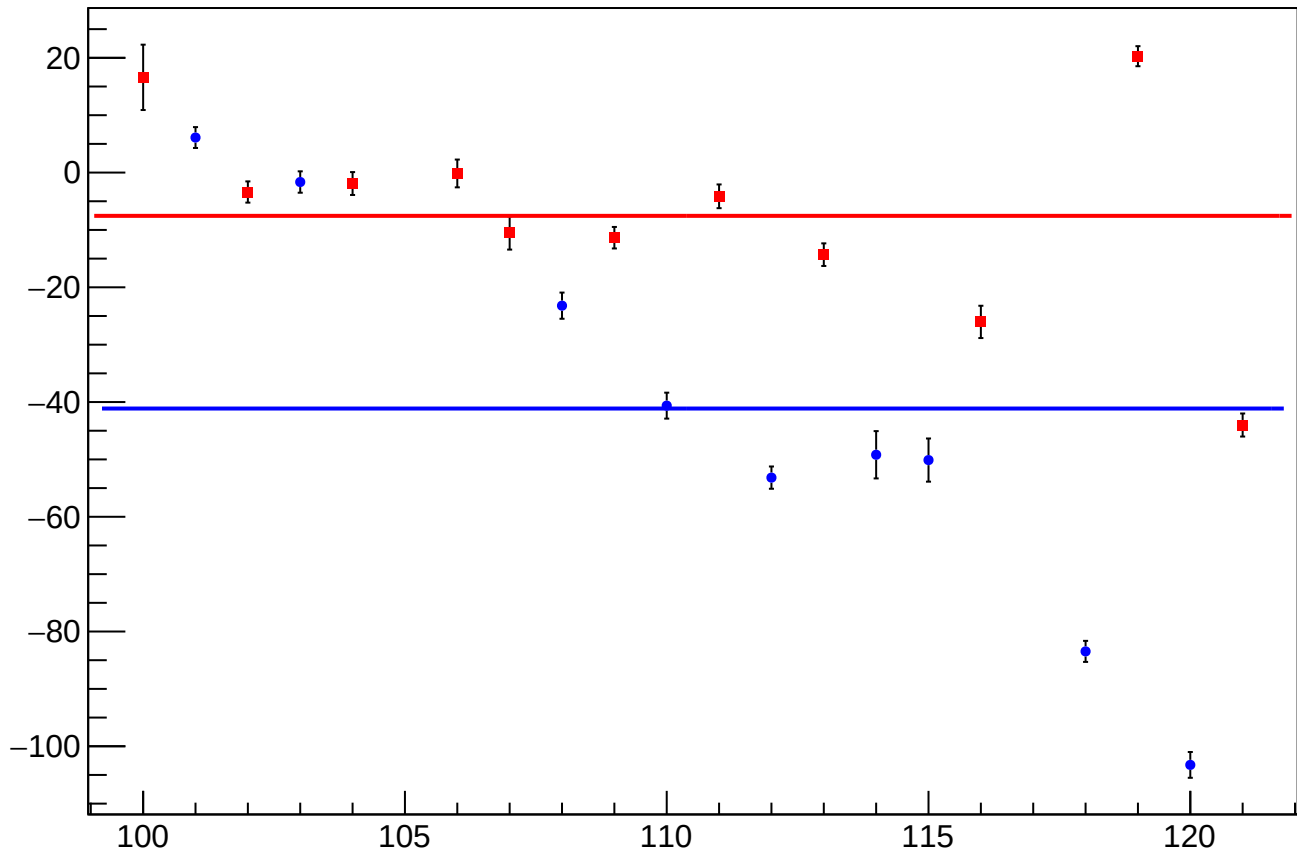
Right: 931.522+/-0.230 χ^2/NDF : 59056.1/19

In: 943.060+/-0.348 χ^2/NDF : 15111.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.522+/-0.230 χ^2/NDF : 59056.1/19

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -41.131 ± 0.732 χ^2/NDF : 2528.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.545 ± 0.654 χ^2/NDF : 686.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

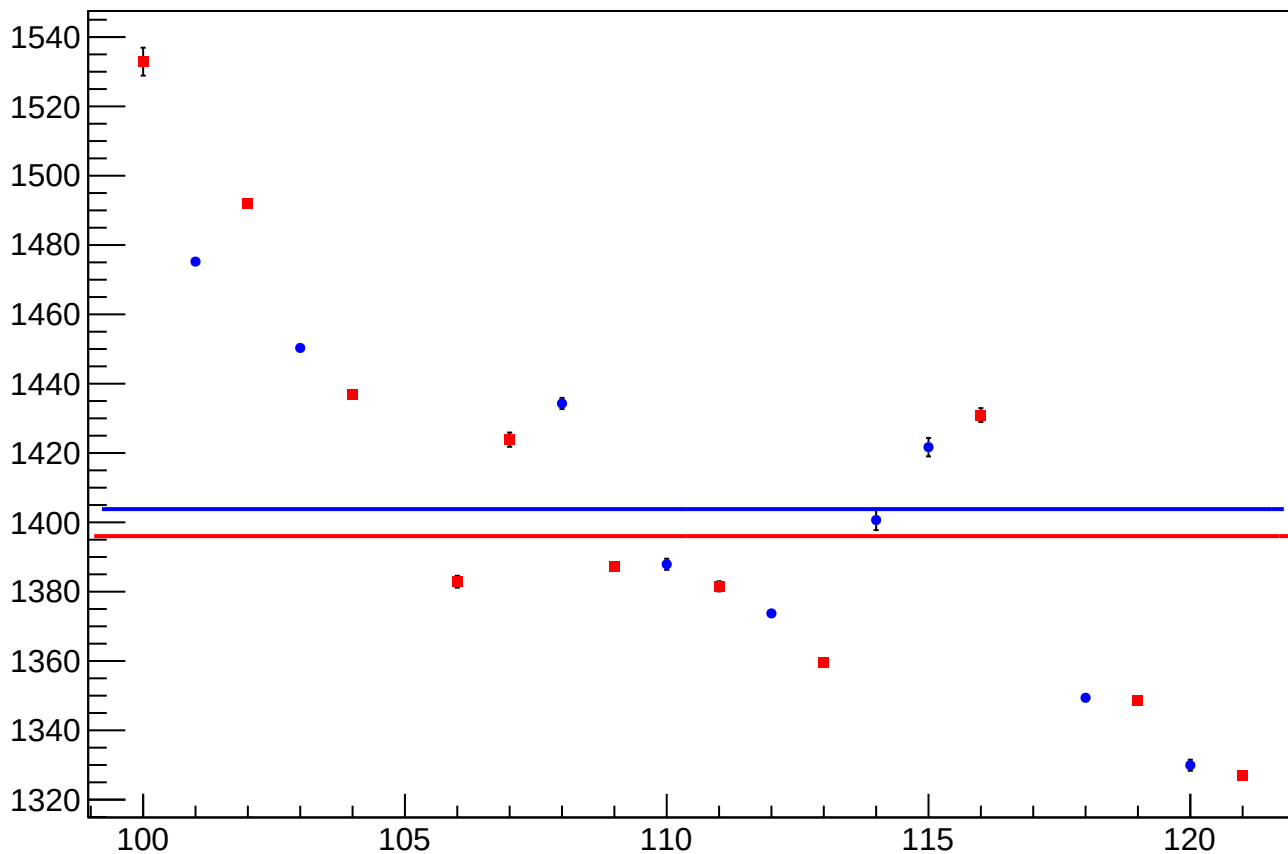
Right: -22.446 ± 0.487 χ^2/NDF : 4386.7/19

In: -41.131 ± 0.732 χ^2/NDF : 2528.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.446 ± 0.487 χ^2/NDF : 4386.7/19

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1403.818+/-0.517 χ^2/NDF : 9228.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.025+/-0.462 χ^2/NDF : 12588.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

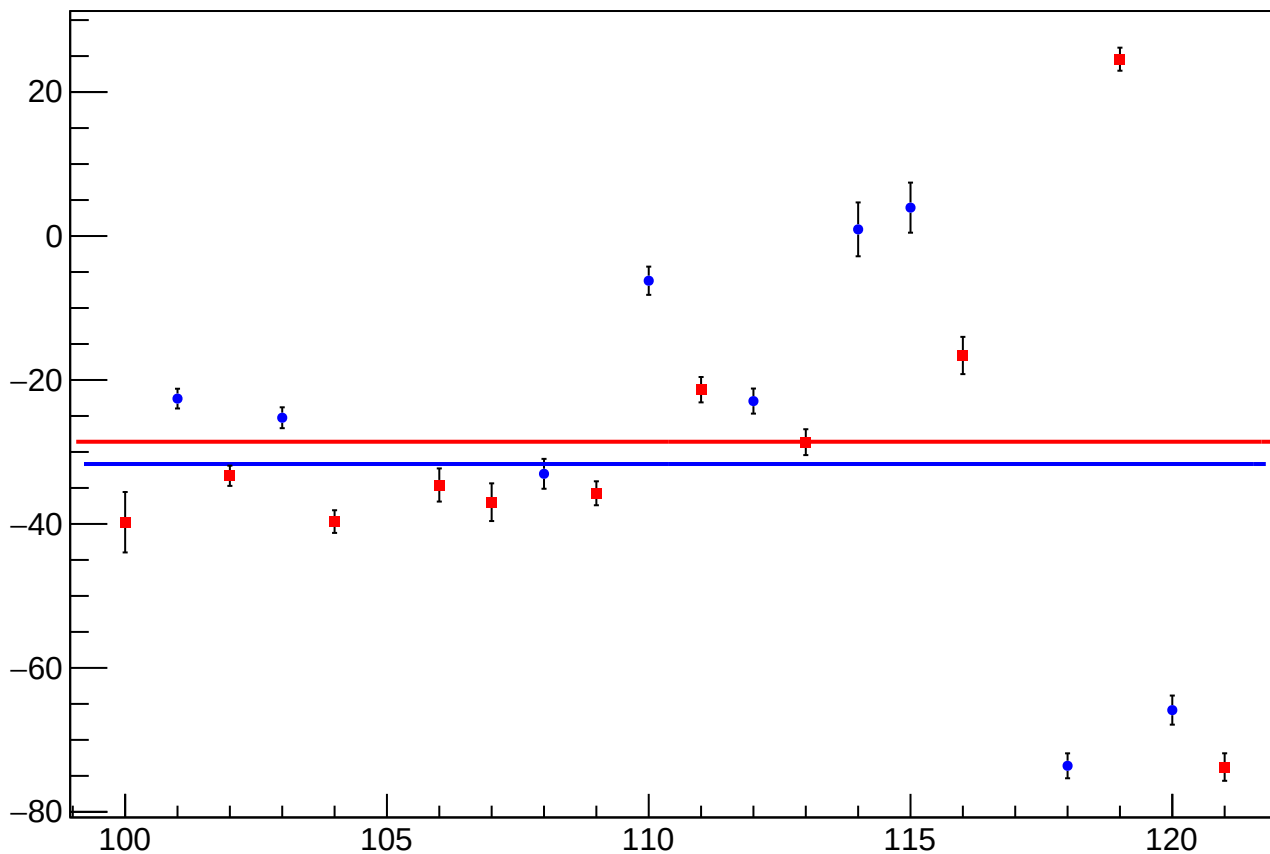
Right: 1399.482+/-0.345 χ^2/NDF : 21942.9/19

In: 1403.818+/-0.517 χ^2/NDF : 9228.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.482+/-0.345 χ^2/NDF : 21942.9/19

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -31.674+/-0.625 χ^2/NDF : 1310.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.579+/-0.567 χ^2/NDF : 1803.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

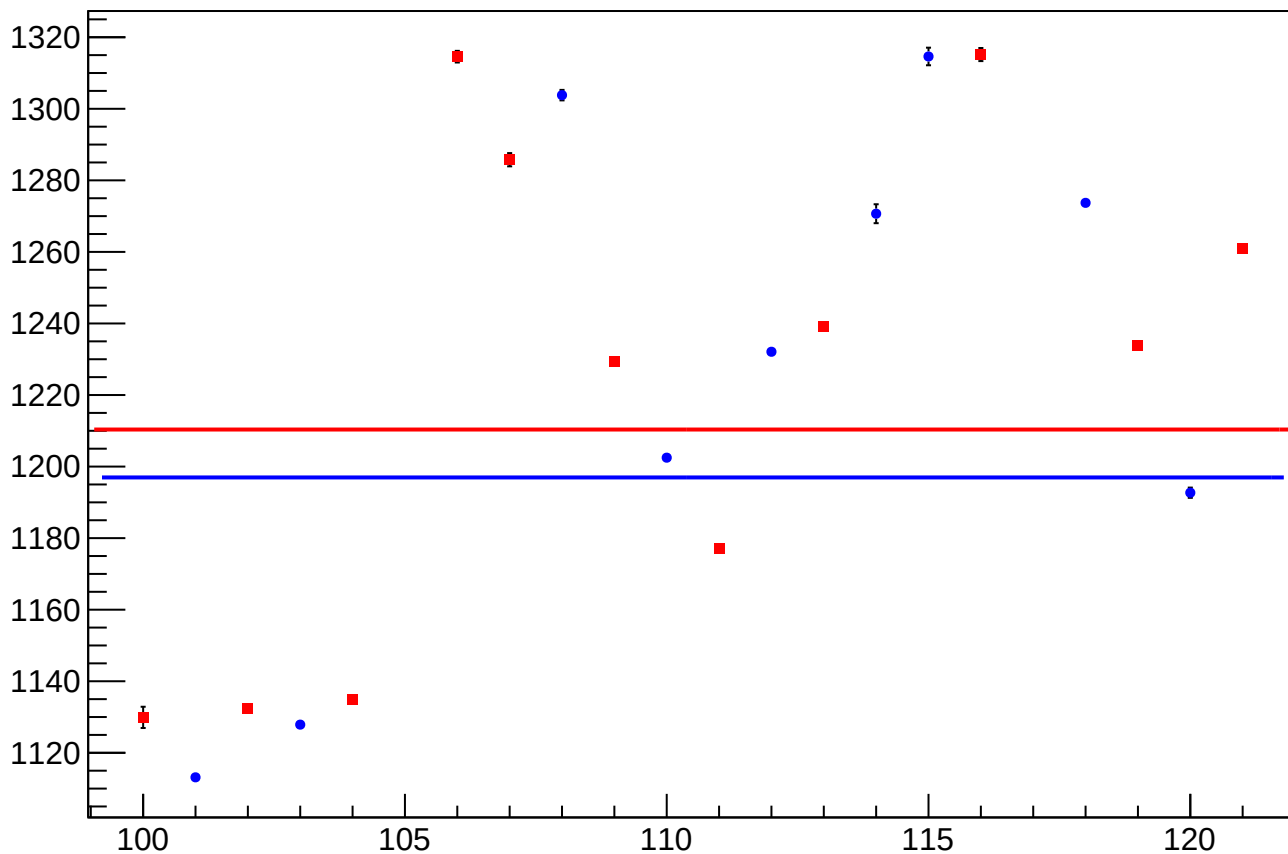
Right: -29.977+/-0.420 χ^2/NDF : 3127.0/19

In: -31.674+/-0.625 χ^2/NDF : 1310.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.977+/-0.420 χ^2/NDF : 3127.0/19

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1196.963 $\pm$ 0.442 χ^2 /NDF: 25130.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1210.356 $\pm$ 0.401 χ^2 /NDF: 23879.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

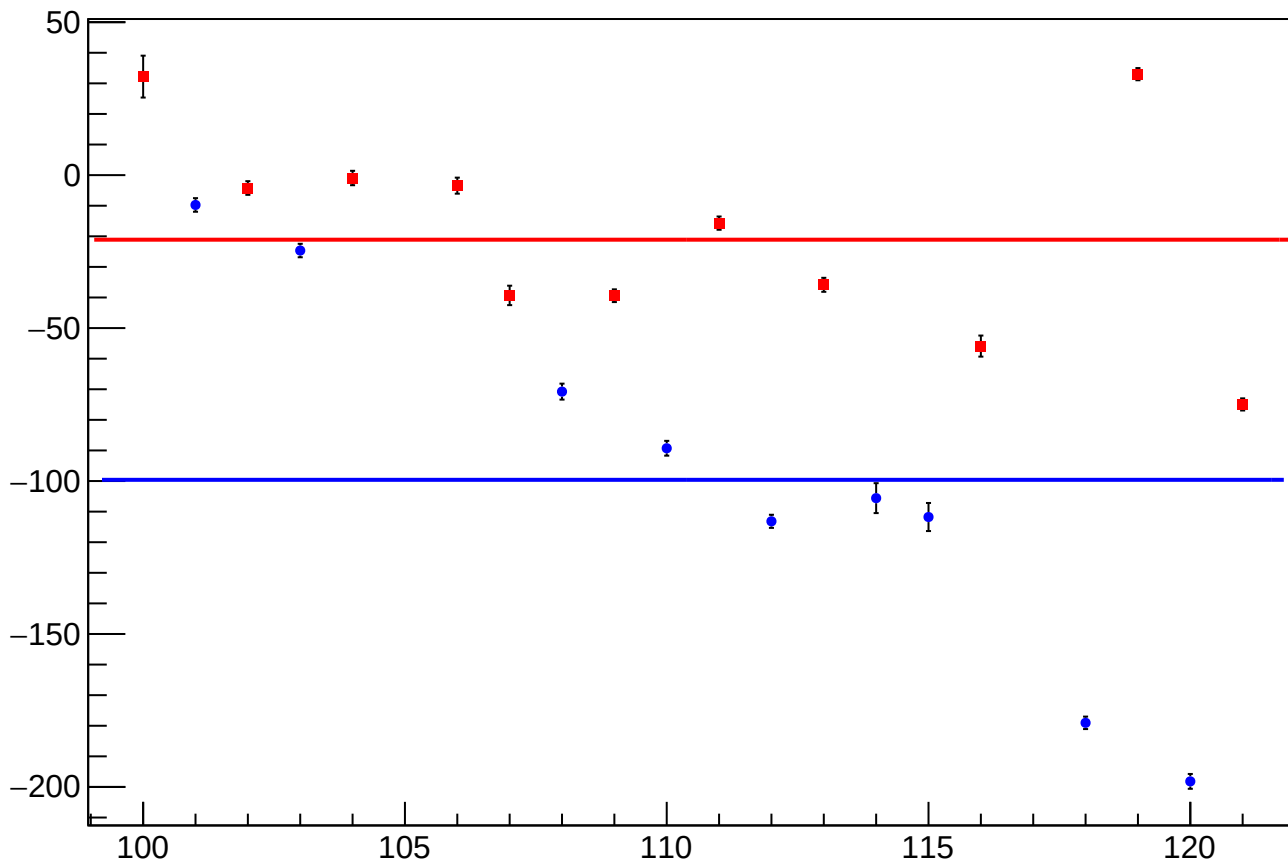
Right: 1204.306 $\pm$ 0.297 χ^2 /NDF: 49513.2/19

In: 1196.963 $\pm$ 0.442 χ^2 /NDF:25130.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1204.306 $\pm$ 0.297 χ^2 /NDF: 49513.2/19

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -99.605 $\pm$ 0.832 χ^2 /NDF: 6154.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.106 $\pm$ 0.731 χ^2 /NDF: 1970.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

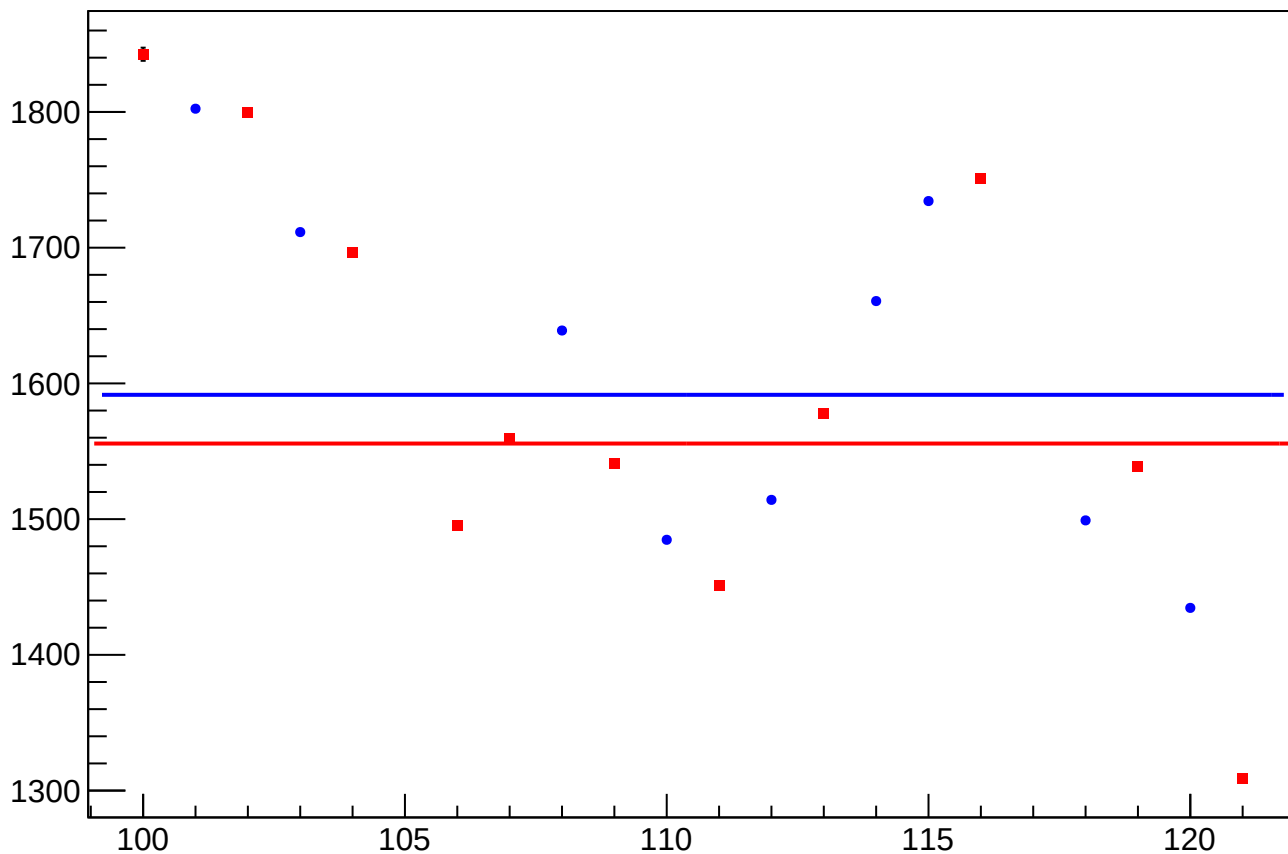
Right: -55.309 $\pm$ 0.549 χ^2 /NDF: 13147.7/19

In: -99.605 $\pm$ 0.832 χ^2 /NDF:6154.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.309 $\pm$ 0.549 χ^2 /NDF: 13147.7/19

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1591.593+/-0.588 χ^2/NDF : 45927.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.693+/-0.517 χ^2/NDF : 78206.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

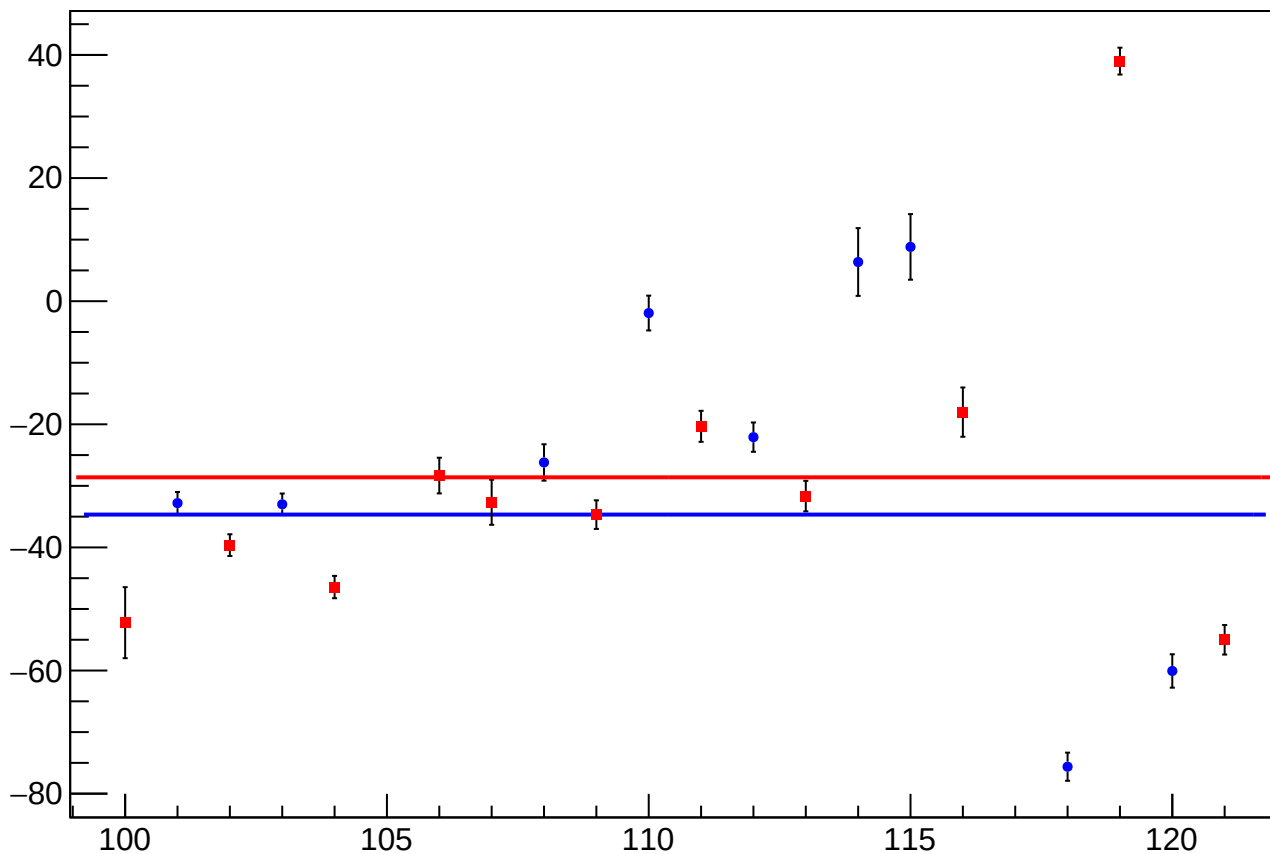
Right: 1571.335+/-0.388 χ^2/NDF : 126235.6/19

In: 1591.593+/-0.588 χ^2/NDF : 45927.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.335+/-0.388 χ^2/NDF : 126235.6/19

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -34.666+/-0.832 χ^2/NDF : 703.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.612+/-0.745 χ^2/NDF : 1258.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

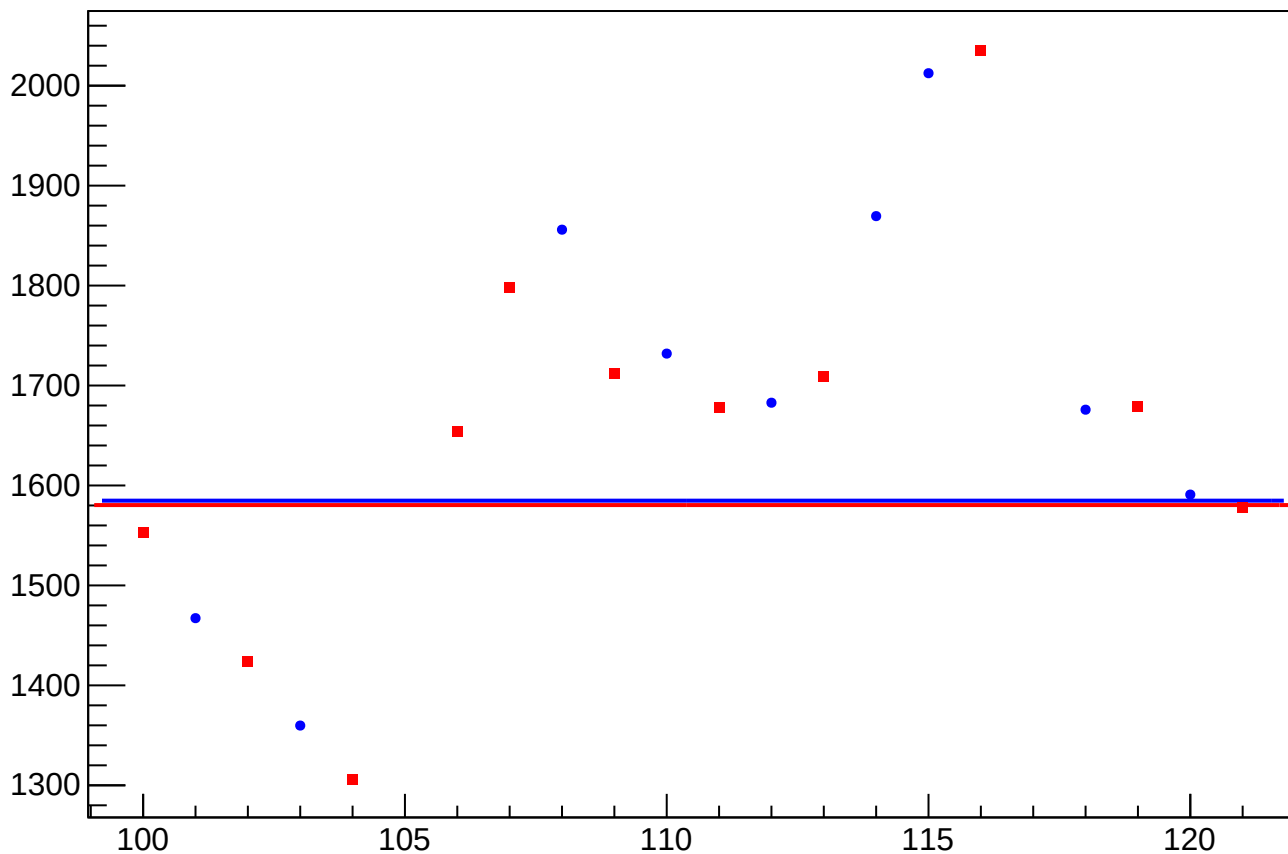
Right: -31.307+/-0.555 χ^2/NDF : 1991.3/19

In: -34.666+/-0.832 χ^2/NDF : 703.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.307+/-0.555 χ^2/NDF : 1991.3/19

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1584.804+/-0.589 χ^2/NDF : 88589.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.388+/-0.527 χ^2/NDF : 114578.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

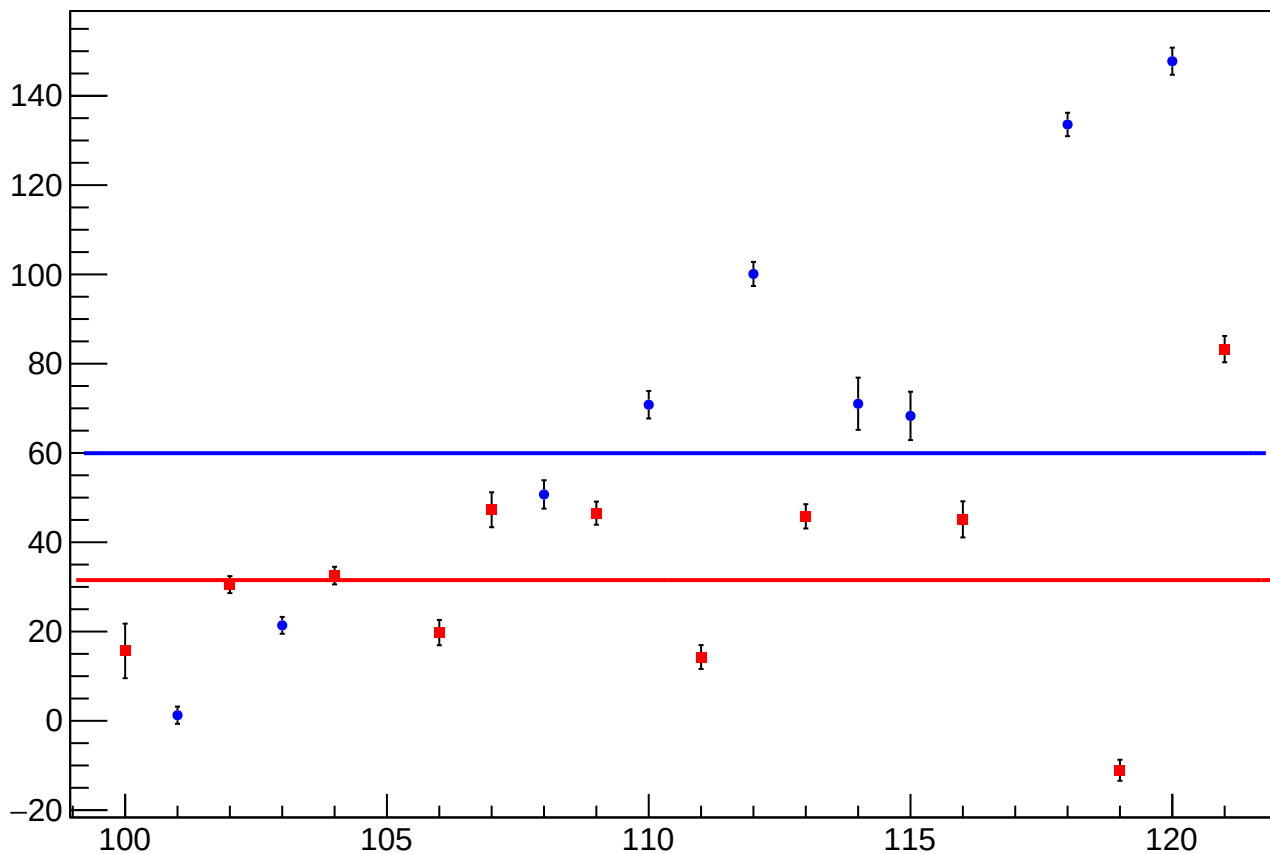
Right: 1582.354+/-0.393 χ^2/NDF : 203199.3/19

In: 1584.804+/-0.589 χ^2/NDF : 88589.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.354+/-0.393 χ^2/NDF : 203199.3/19

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.955+/-0.910 χ^2/NDF : 3210.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.524+/-0.808 χ^2/NDF : 789.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

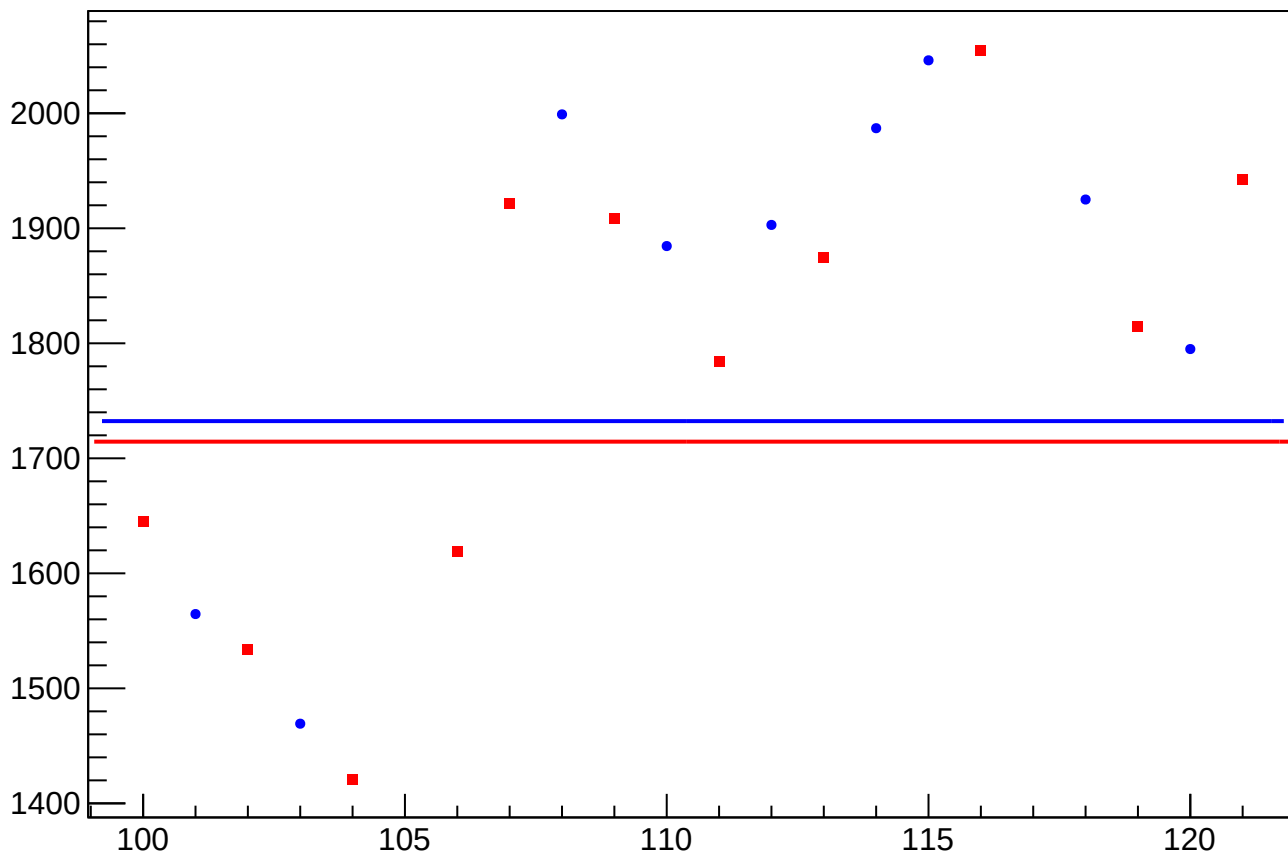
Right: 44.060+/-0.605 χ^2/NDF : 4545.7/19

In: 59.955+/-0.910 χ^2/NDF : 3210.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.060+/-0.605 χ^2/NDF : 4545.7/19

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1732.355+/-0.644 χ^2/NDF : 102908.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1714.493+/-0.572 χ^2/NDF : 119803.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

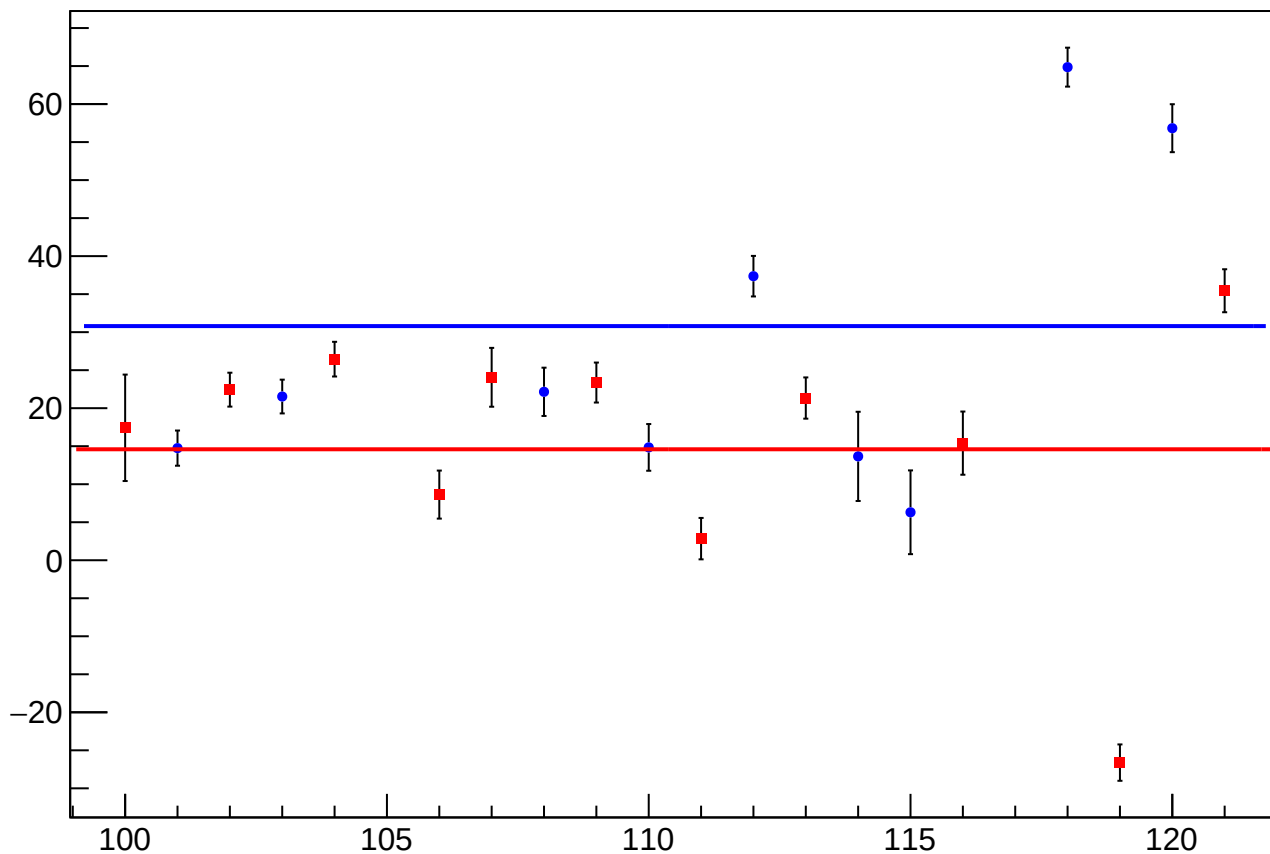
Right: 1722.369+/-0.427 χ^2/NDF : 223142.6/19

In: 1732.355+/-0.644 χ^2/NDF : 102908.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.369+/-0.427 χ^2/NDF : 223142.6/19

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 30.797+/-0.976 χ^2/NDF : 379.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.595+/-0.860 χ^2/NDF : 436.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

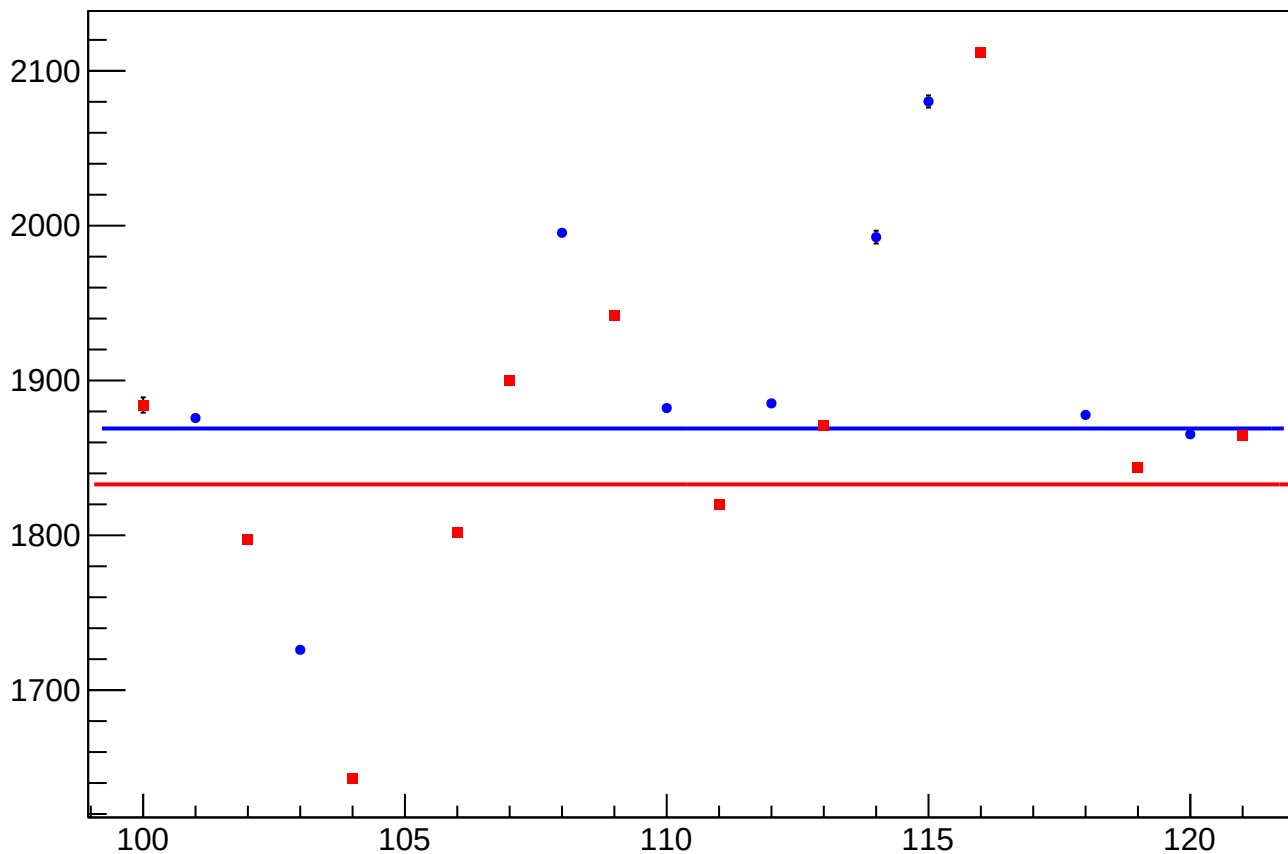
Right: 21.674+/-0.645 χ^2/NDF : 970.7/19

In: 30.797+/-0.976 χ^2/NDF : 379.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.674+/-0.645 χ^2/NDF : 970.7/19

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1868.994+/-0.690 χ^2/NDF : 15443.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1832.888+/-0.608 χ^2/NDF : 28471.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

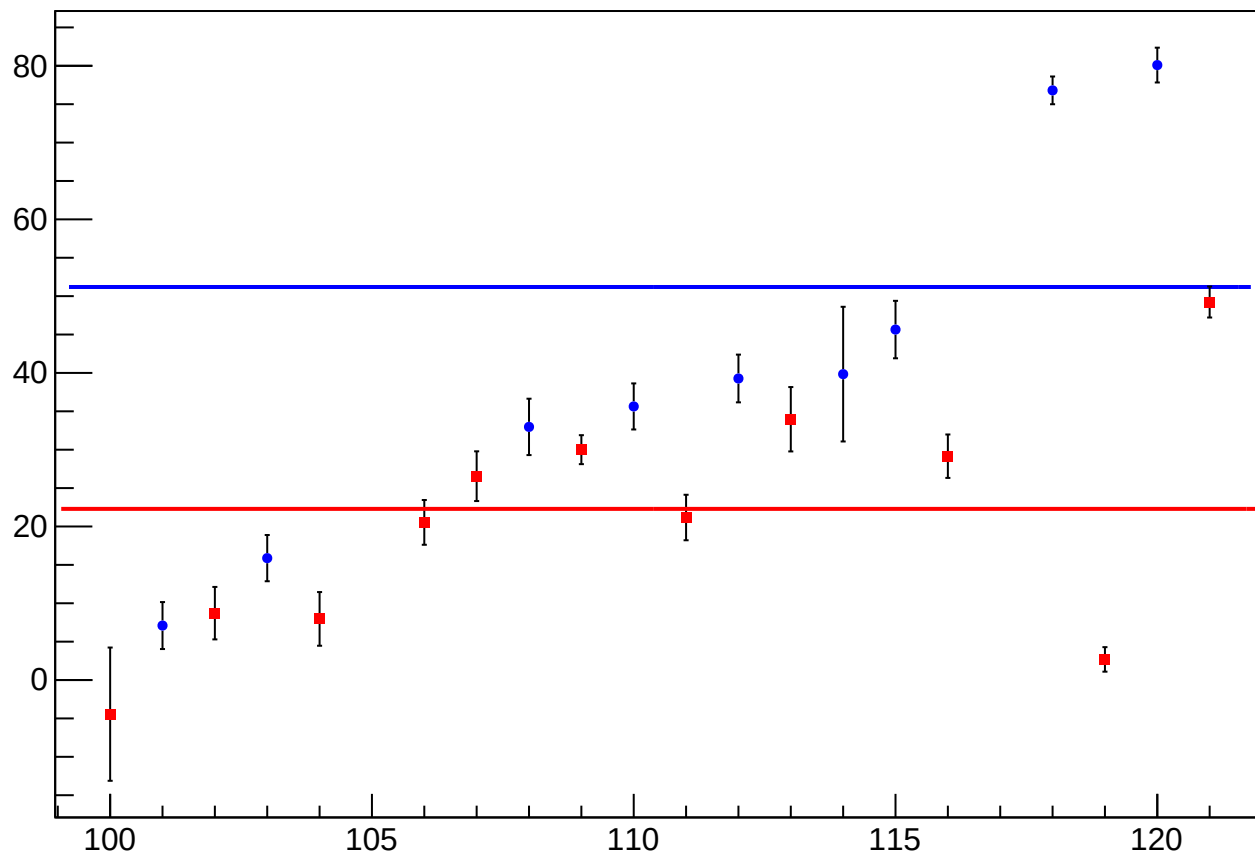
Right: 1848.663+/-0.456 χ^2/NDF : 45457.2/19

In: 1868.994+/-0.690 χ^2/NDF : 15443.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.663+/-0.456 χ^2/NDF : 45457.2/19

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 51.192 $\pm$ 0.957 χ^2 /NDF: 778.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.293 $\pm$ 0.789 χ^2 /NDF: 403.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

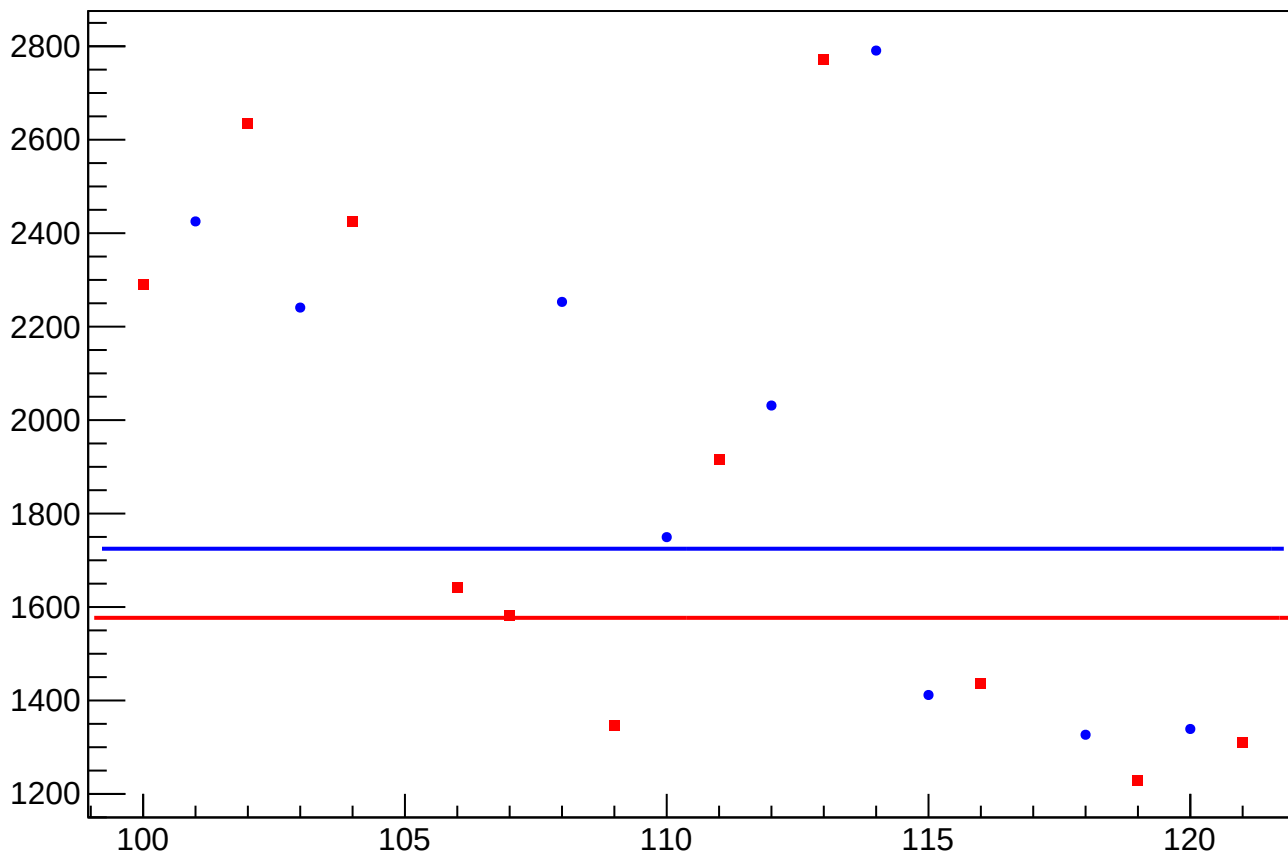
Right: 33.974 $\pm$ 0.609 χ^2 /NDF: 1725.4/19

In: 51.192 $\pm$ 0.957 χ^2 /NDF:778.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.974 $\pm$ 0.609 χ^2 /NDF: 1725.4/19

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1724.763+/-0.677 χ^2/NDF : 423066.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.885+/-0.558 χ^2/NDF : 677478.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

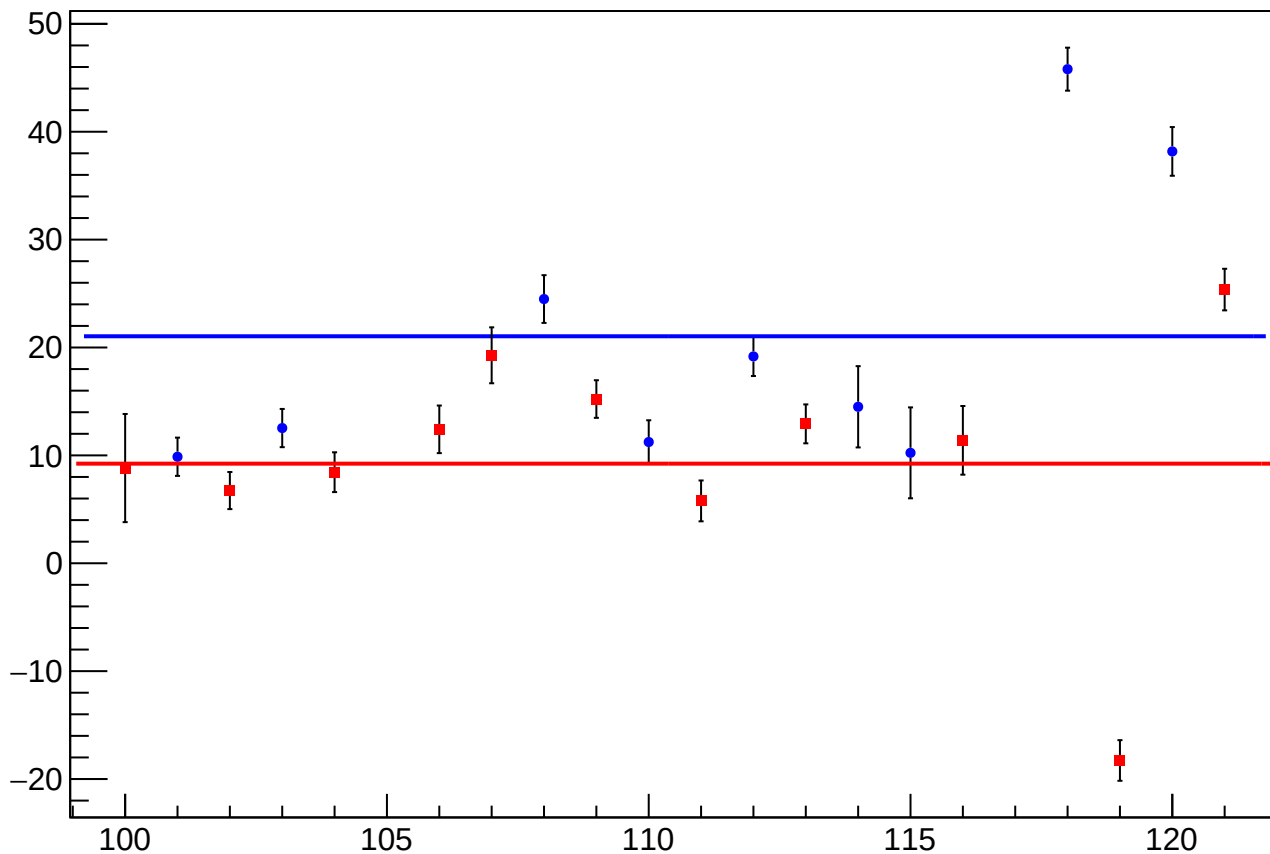
Right: 1636.658+/-0.430 χ^2/NDF : 1128977.4/19

In: 1724.763+/-0.677 χ^2/NDF : 423066.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1636.658+/-0.430 χ^2/NDF : 1128977.4/19

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 21.041+/-0.713 χ^2/NDF : 311.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.233+/-0.621 χ^2/NDF : 322.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

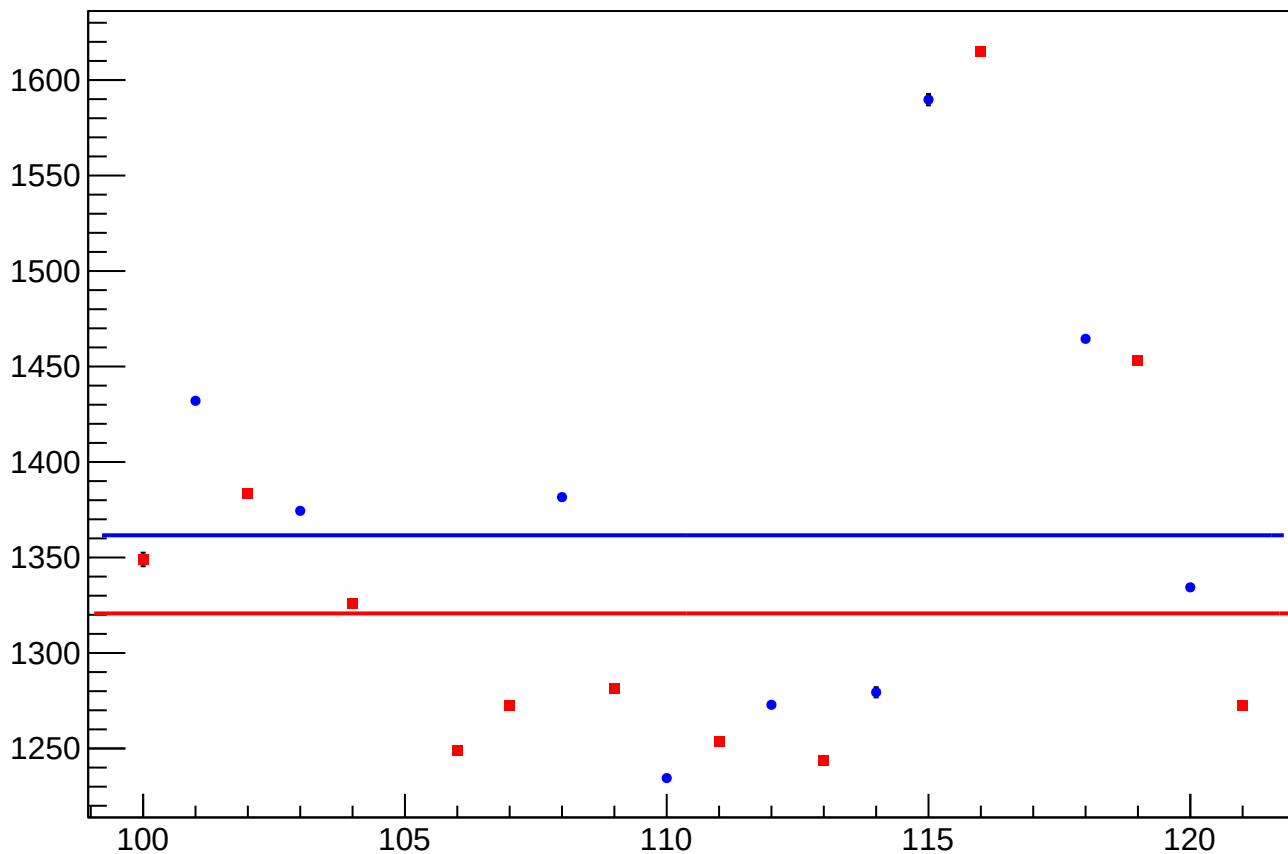
Right: 14.324+/-0.468 χ^2/NDF : 789.9/19

In: 21.041+/-0.713 χ^2/NDF : 311.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.324+/-0.468 χ^2/NDF : 789.9/19

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1361.633+/-0.505 χ^2/NDF : 28581.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.718+/-0.439 χ^2/NDF : 40945.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

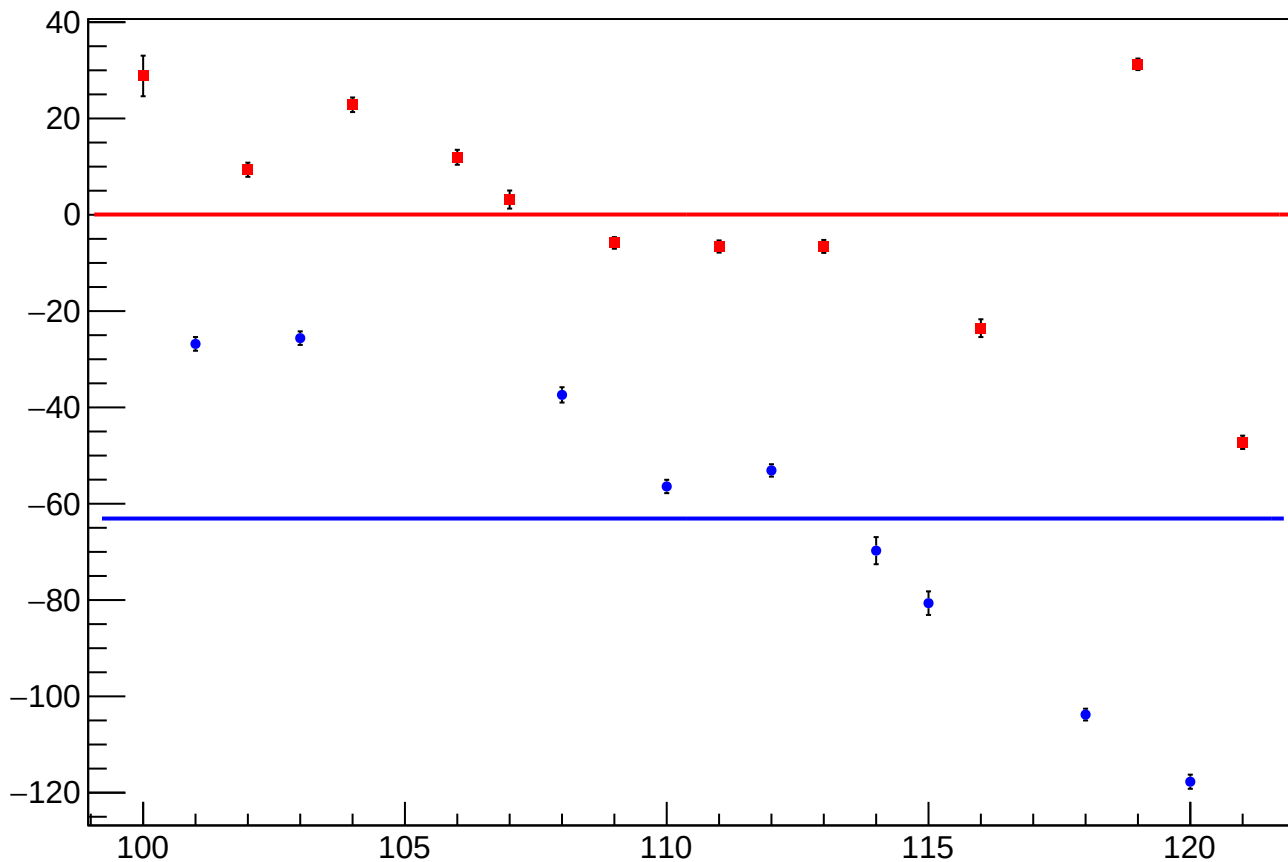
Right: 1338.359+/-0.331 χ^2/NDF : 73268.1/19

In: 1361.633+/-0.505 χ^2/NDF : 28581.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.359+/-0.331 χ^2/NDF : 73268.1/19

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -63.073+/-0.504 χ^2/NDF : 4239.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.055+/-0.446 χ^2/NDF : 2459.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

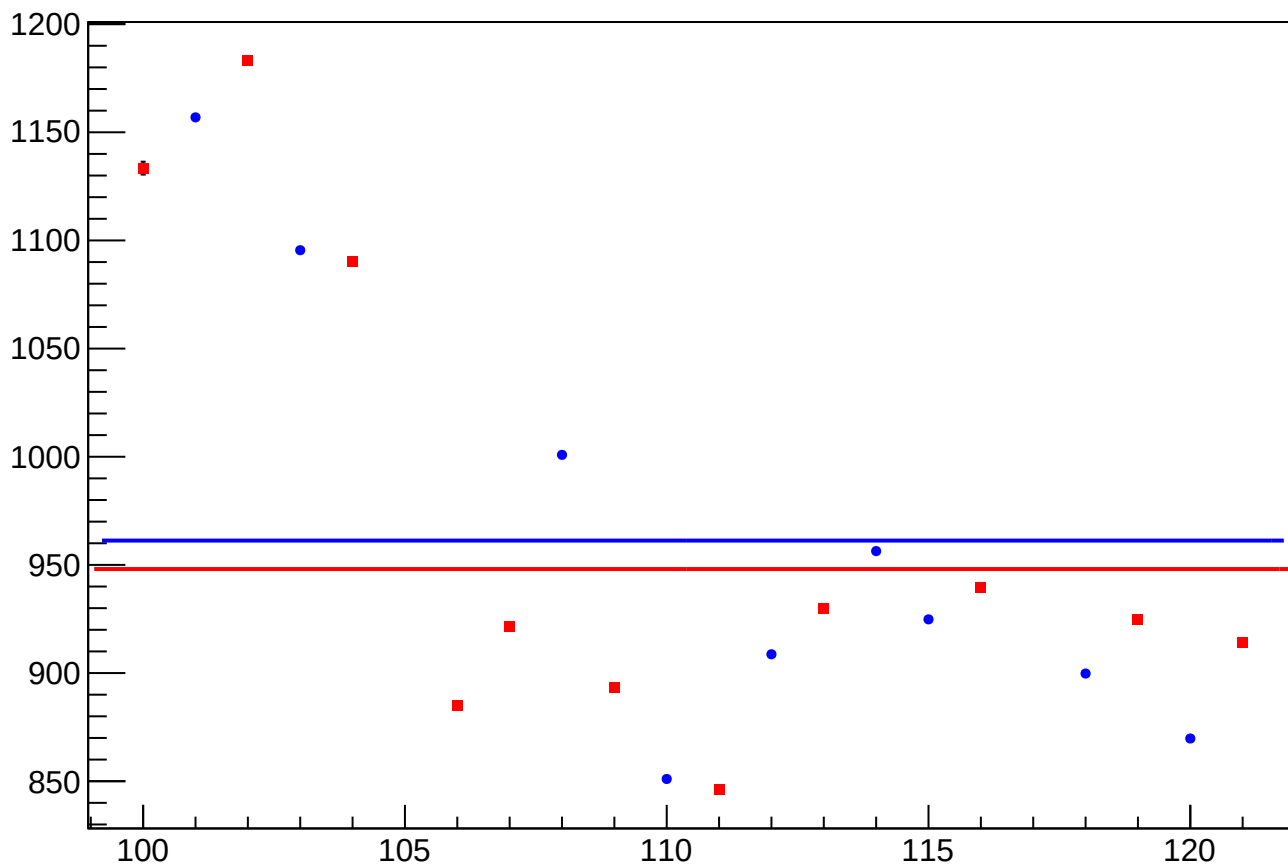
Right: -27.666+/-0.334 χ^2/NDF : 15495.1/19

In: -63.073+/-0.504 χ^2/NDF : 4239.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.666+/-0.334 χ^2/NDF : 15495.1/19

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 961.243+/-0.356 χ^2/NDF : 86119.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.087+/-0.315 χ^2/NDF : 95838.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

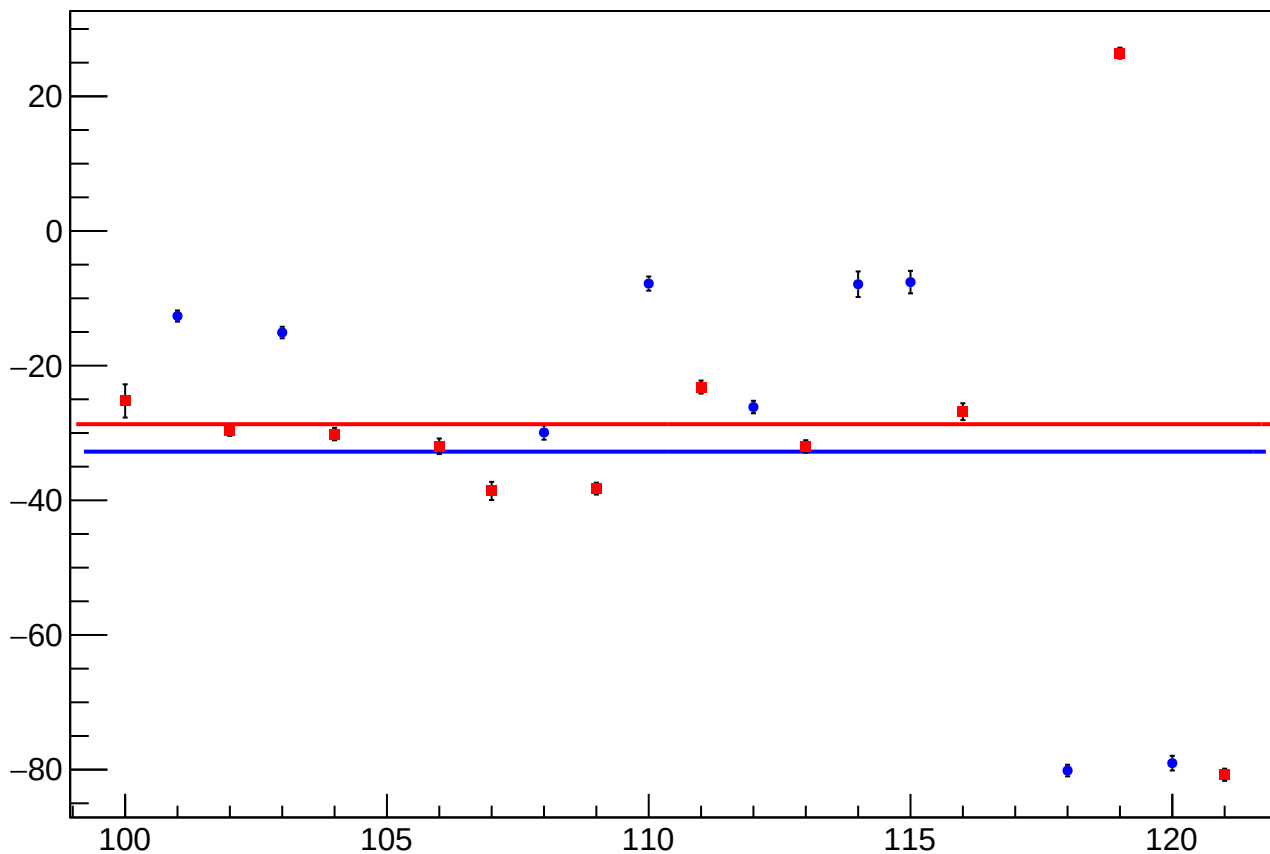
Right: 953.864+/-0.236 χ^2/NDF : 182722.3/19

In: 961.243+/-0.356 χ^2/NDF : 86119.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.864+/-0.236 χ^2/NDF : 182722.3/19

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -32.771+/-0.342 χ^2/NDF : 6828.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.697+/-0.302 χ^2/NDF : 8179.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

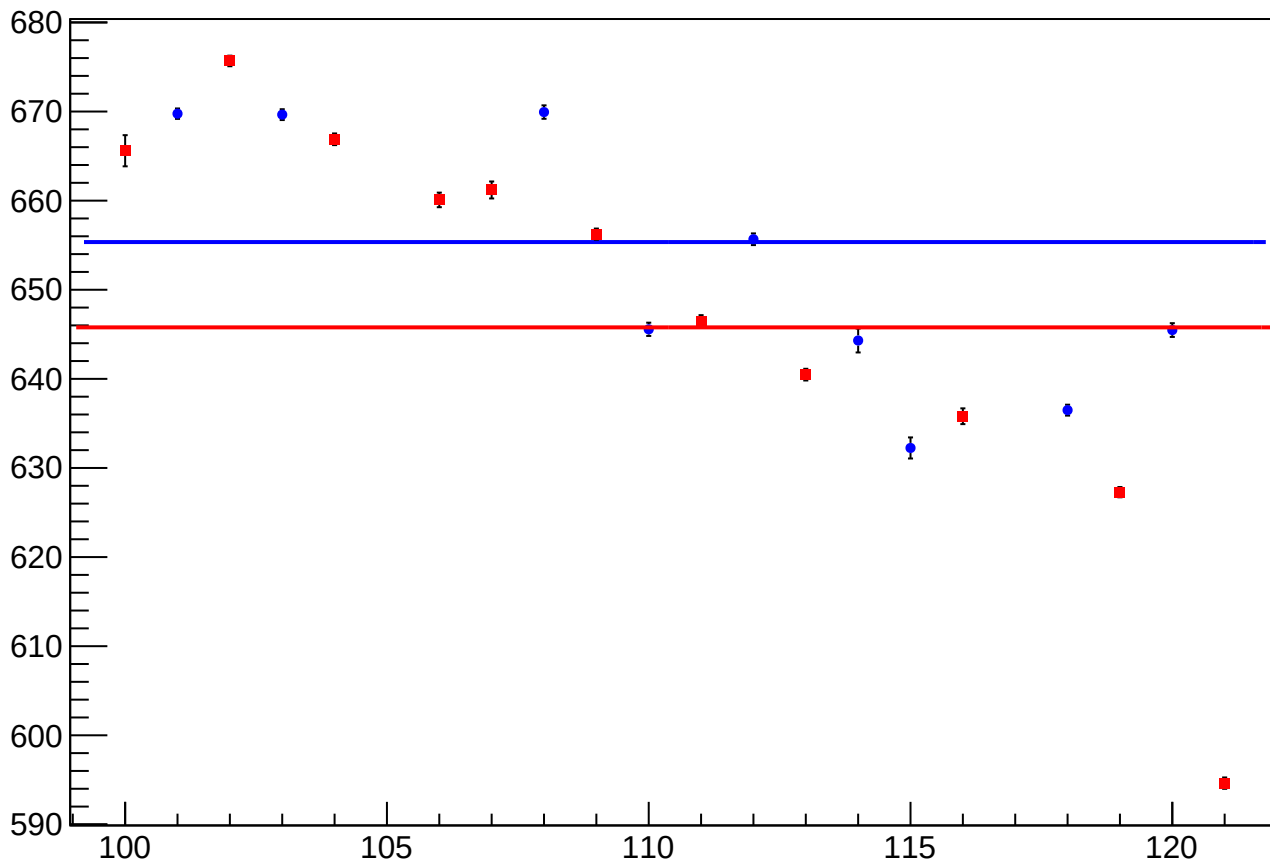
Right: -30.486+/-0.226 χ^2/NDF : 15087.5/19

In: -32.771+/-0.342 χ^2/NDF : 6828.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.486+/-0.226 χ^2/NDF : 15087.5/19

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 655.353 $\pm$ 0.241 χ^2 /NDF: 3271.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 645.779 $\pm$ 0.214 χ^2 /NDF: 12249.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

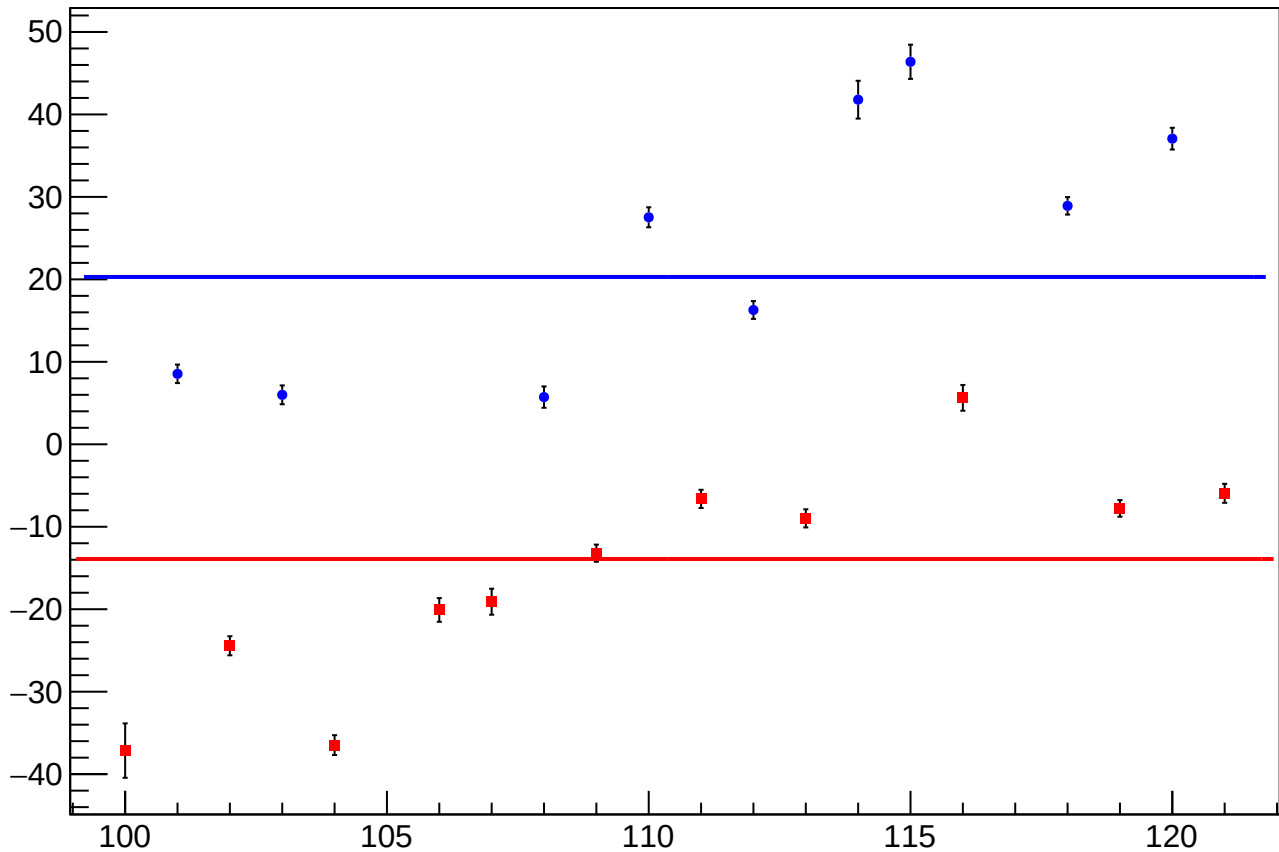
Right: 649.984 $\pm$ 0.160 χ^2 /NDF: 16402.6/19

In: 655.353 $\pm$ 0.241 χ^2 /NDF:3271.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 649.984 $\pm$ 0.160 χ^2 /NDF: 16402.6/19

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 20.290+/-0.423 χ^2/NDF : 916.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.908+/-0.374 χ^2/NDF : 820.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

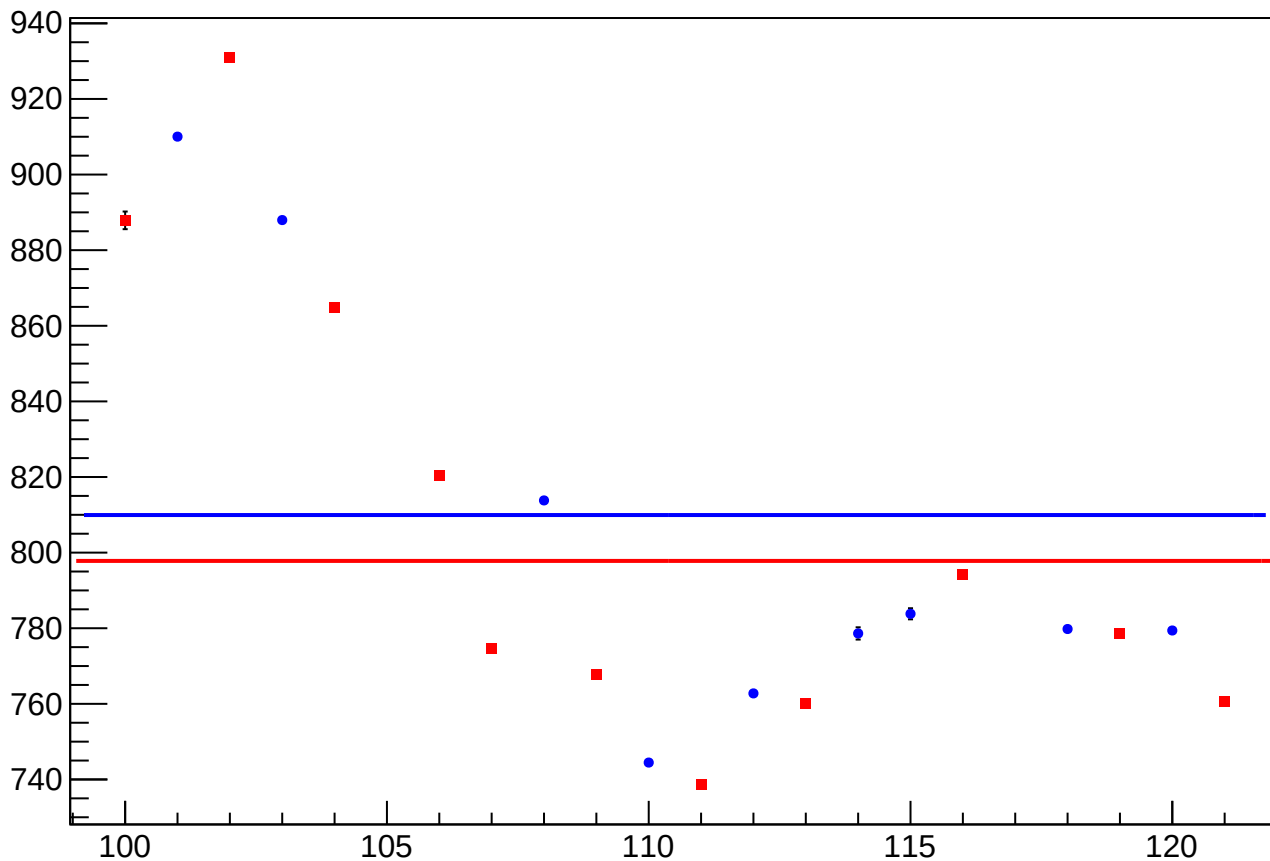
Right: 1.100+/-0.280 χ^2/NDF : 5400.8/19

In: 20.290+/-0.423 χ^2/NDF : 916.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.100+/-0.280 χ^2/NDF : 5400.8/19

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 809.941+/-0.299 χ^2/NDF : 38273.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.806+/-0.265 χ^2/NDF : 47765.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

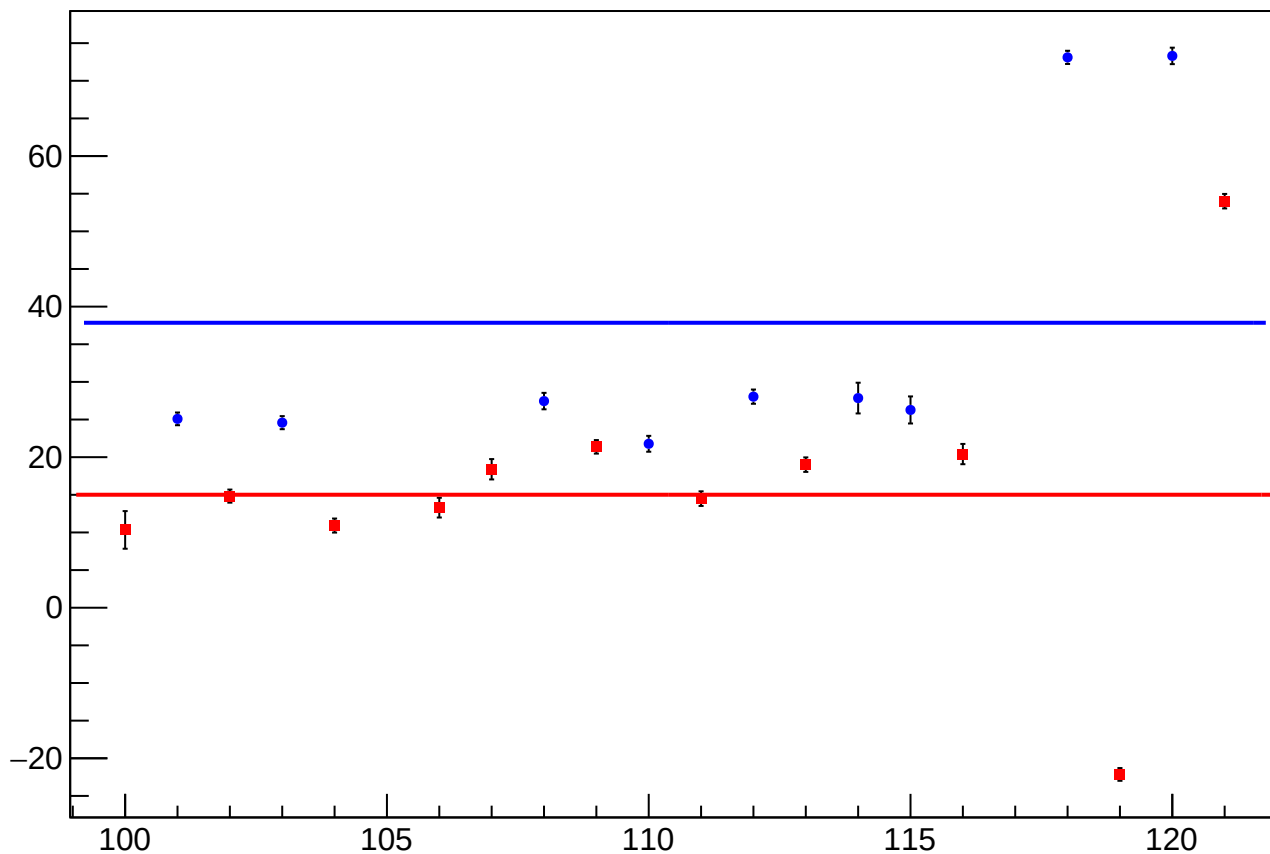
Right: 803.132+/-0.198 χ^2/NDF : 86961.8/19

In: 809.941+/-0.299 χ^2/NDF : 38273.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 803.132+/-0.198 χ^2/NDF : 86961.8/19

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 37.855+/-0.348 χ^2/NDF : 3626.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.010+/-0.314 χ^2/NDF : 3677.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

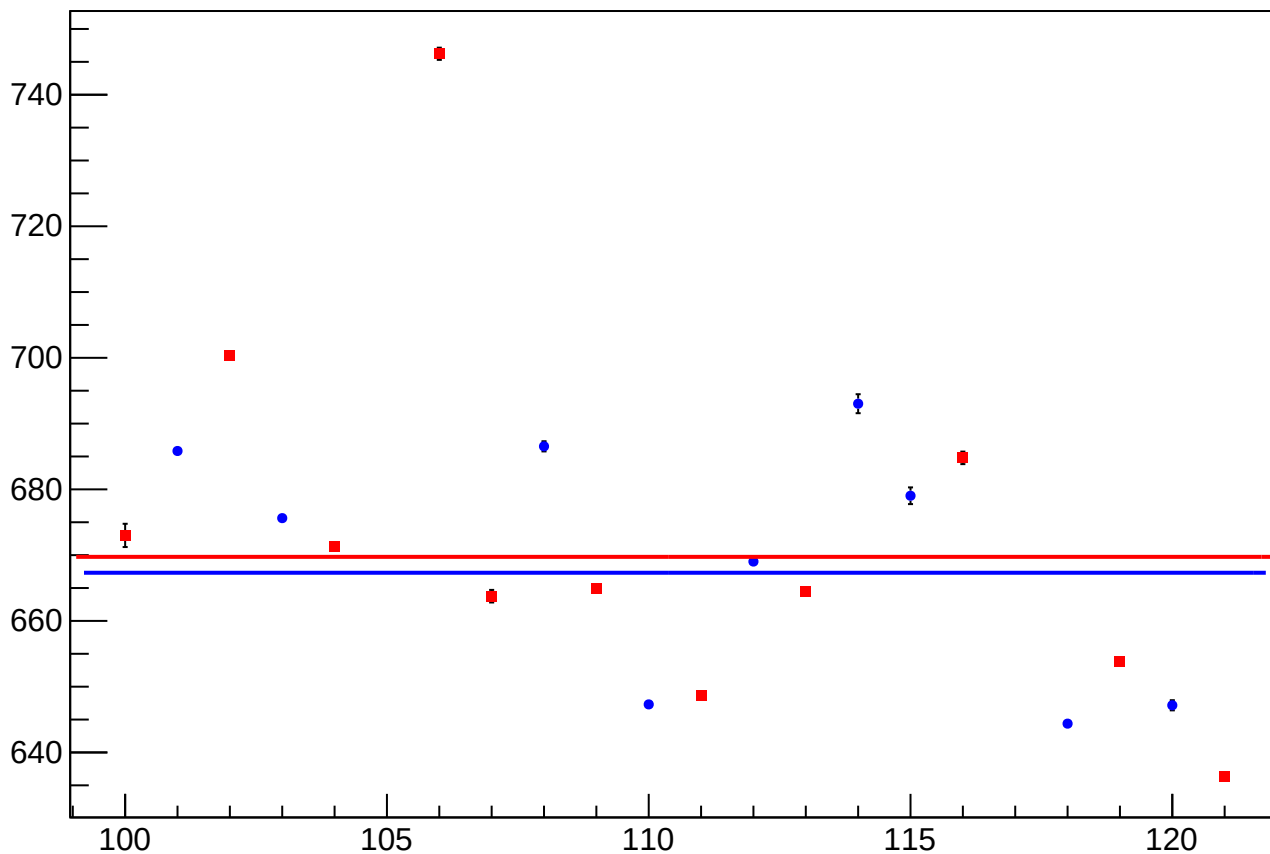
Right: 25.254+/-0.233 χ^2/NDF : 9683.0/19

In: 37.855+/-0.348 χ^2/NDF : 3626.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.254+/-0.233 χ^2/NDF : 9683.0/19

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 667.322 $\pm$ 0.246 χ^2 /NDF: 4937.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 669.739 $\pm$ 0.222 χ^2 /NDF: 13749.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

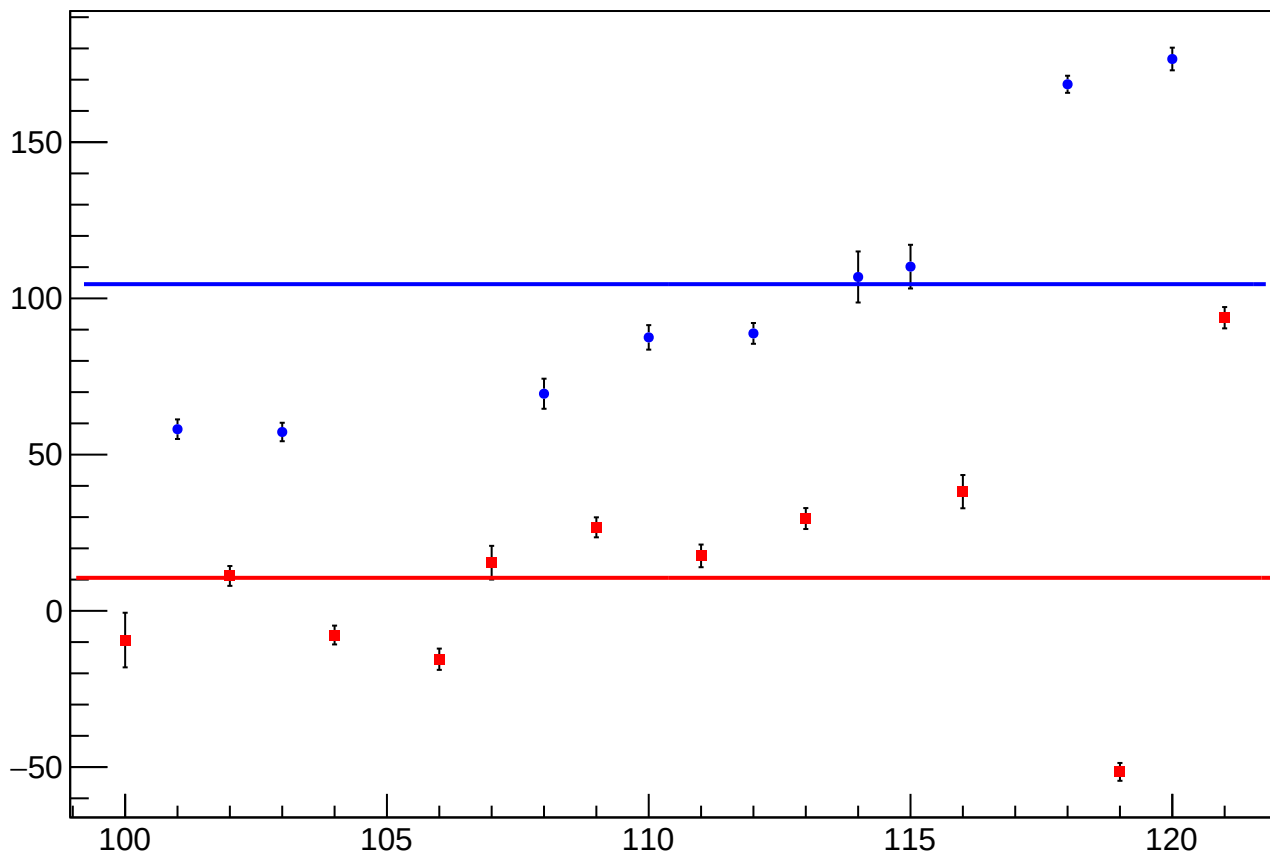
Right: 668.655 $\pm$ 0.165 χ^2 /NDF: 18740.2/19

In: 667.322 $\pm$ 0.246 χ^2 /NDF: 4937.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 668.655 $\pm$ 0.165 χ^2 /NDF: 18740.2/19

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 104.555+/-1.231 χ^2/NDF : 1512.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.570+/-1.085 χ^2/NDF : 1259.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

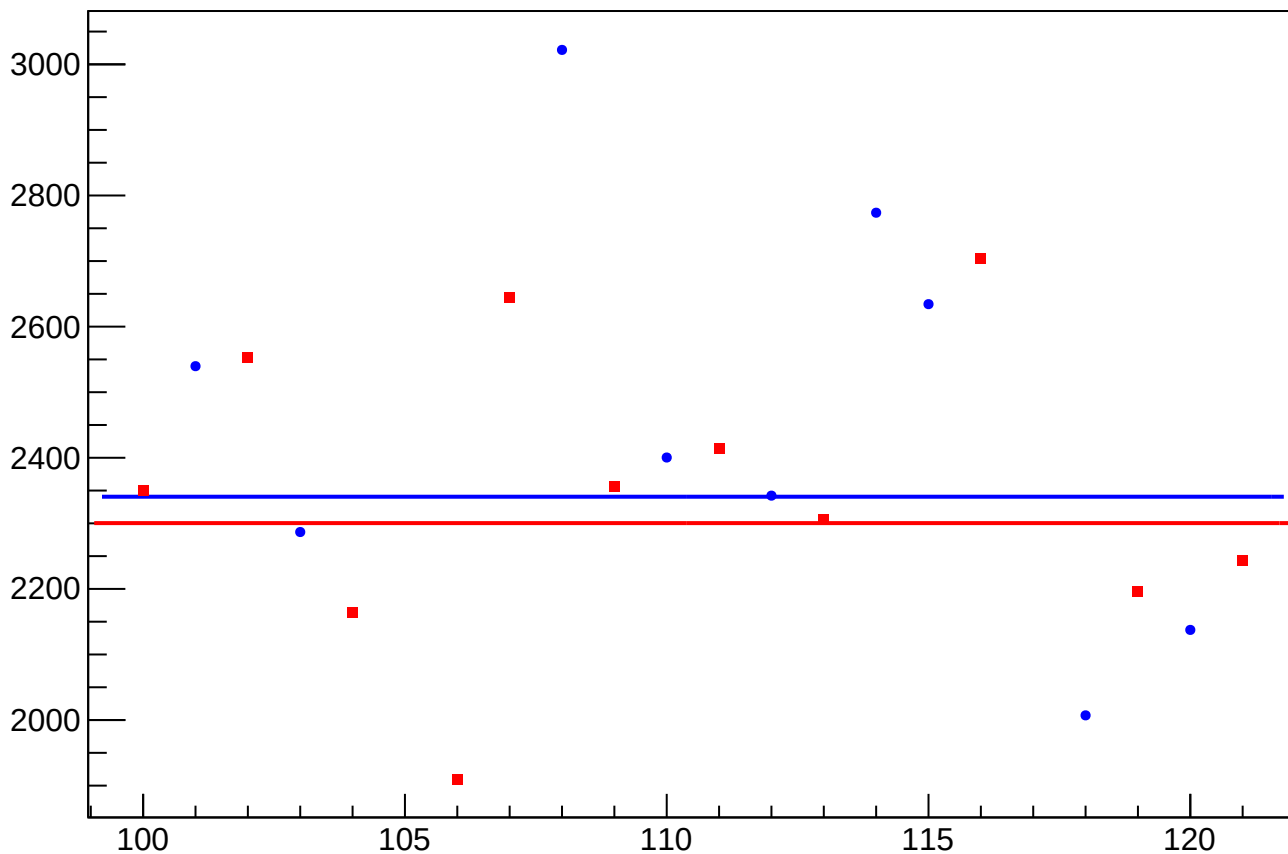
Right: 51.646+/-0.814 χ^2/NDF : 6053.1/19

In: 104.555+/-1.231 χ^2/NDF :1512.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.646+/-0.814 χ^2/NDF : 6053.1/19

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2340.607 $\pm$ 0.870 χ^2 /NDF: 94442.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2300.359 $\pm$ 0.767 χ^2 /NDF: 68791.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

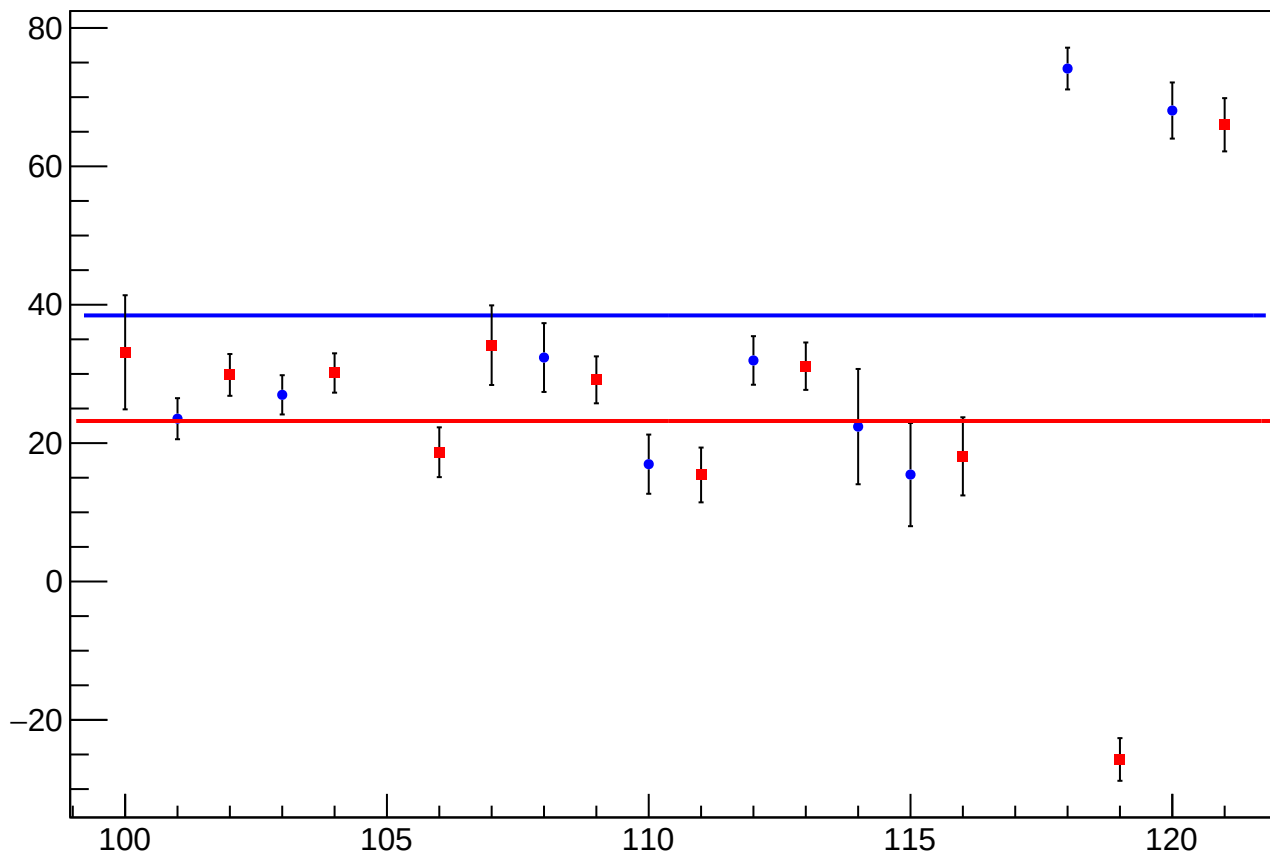
Right: 2317.949 $\pm$ 0.575 χ^2 /NDF: 164437.6/19

In: 2340.607 $\pm$ 0.870 χ^2 /NDF: 94442.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2317.949 $\pm$ 0.575 χ^2 /NDF: 164437.6/19

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 38.455+/-1.273 χ^2/NDF : 278.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.198+/-1.121 χ^2/NDF : 406.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

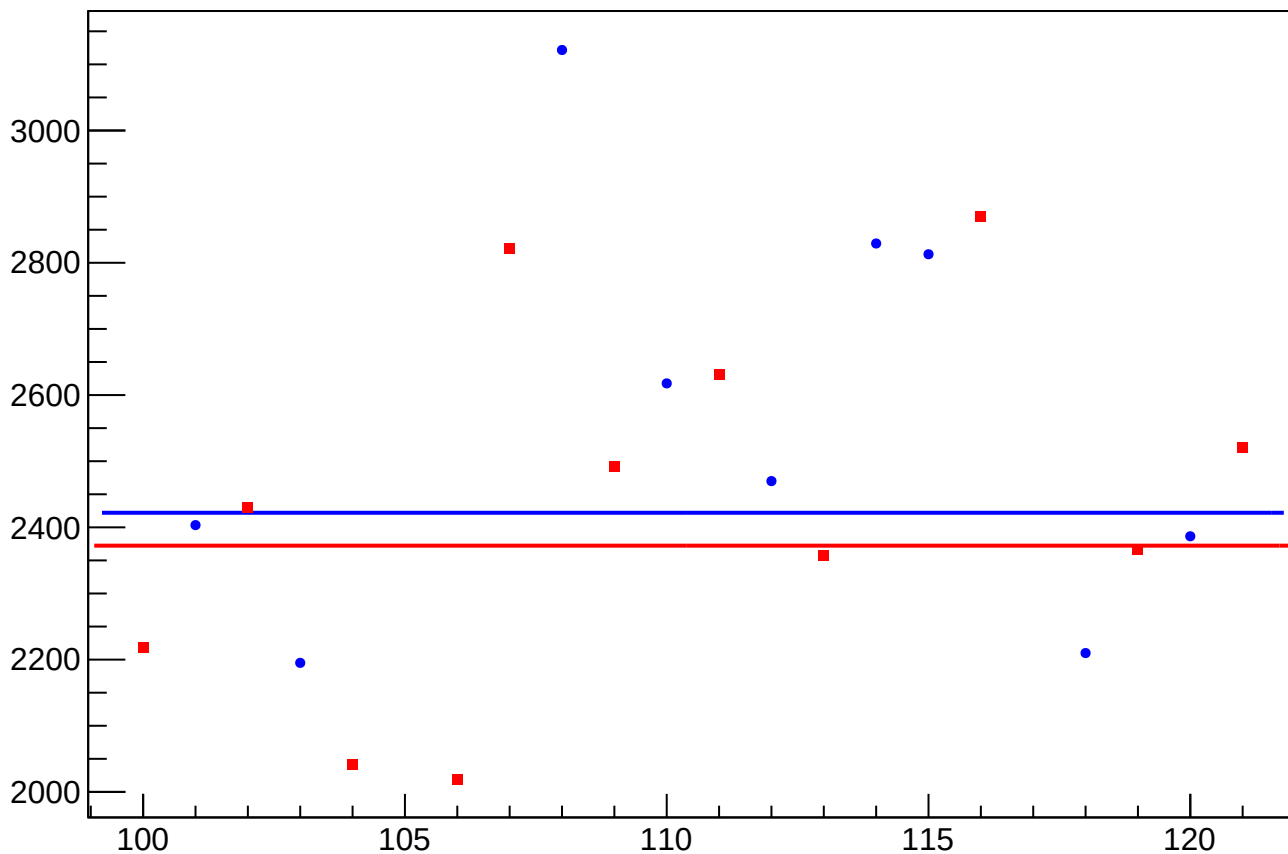
Right: 29.863+/-0.841 χ^2/NDF : 765.1/19

In: 38.455+/-1.273 χ^2/NDF : 278.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.863+/-0.841 χ^2/NDF : 765.1/19

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2422.045 $\pm$ 0.900 χ^2 /NDF: 77347.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2372.316 $\pm$ 0.793 χ^2 /NDF: 89703.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

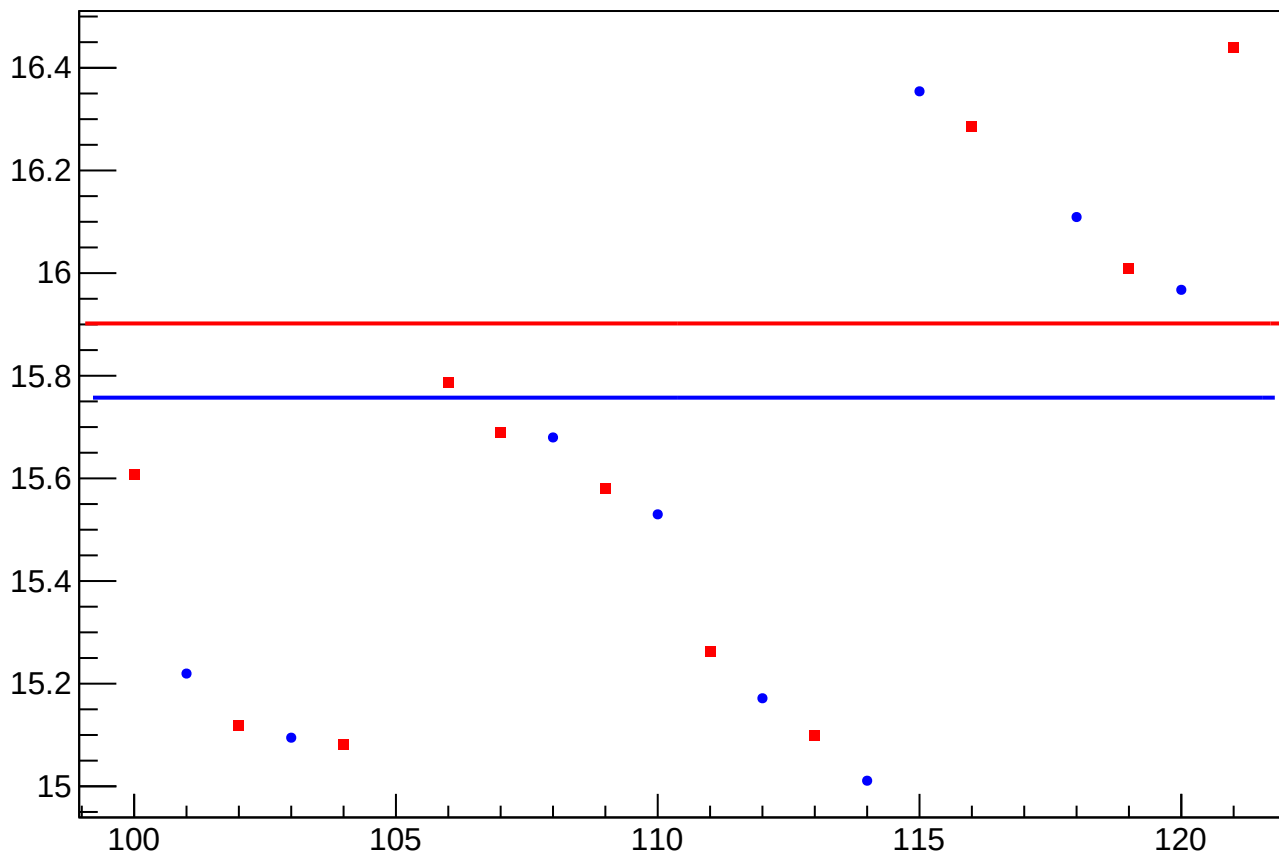
Right: 2394.039 $\pm$ 0.595 χ^2 /NDF: 168769.9/19

In: 2422.045 $\pm$ 0.900 χ^2 /NDF: 77347.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2394.039 $\pm$ 0.595 χ^2 /NDF: 168769.9/19

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.757+/-0.000 χ^2/NDF : 1495392614.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.902+/-0.000 χ^2/NDF : 2535484524.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

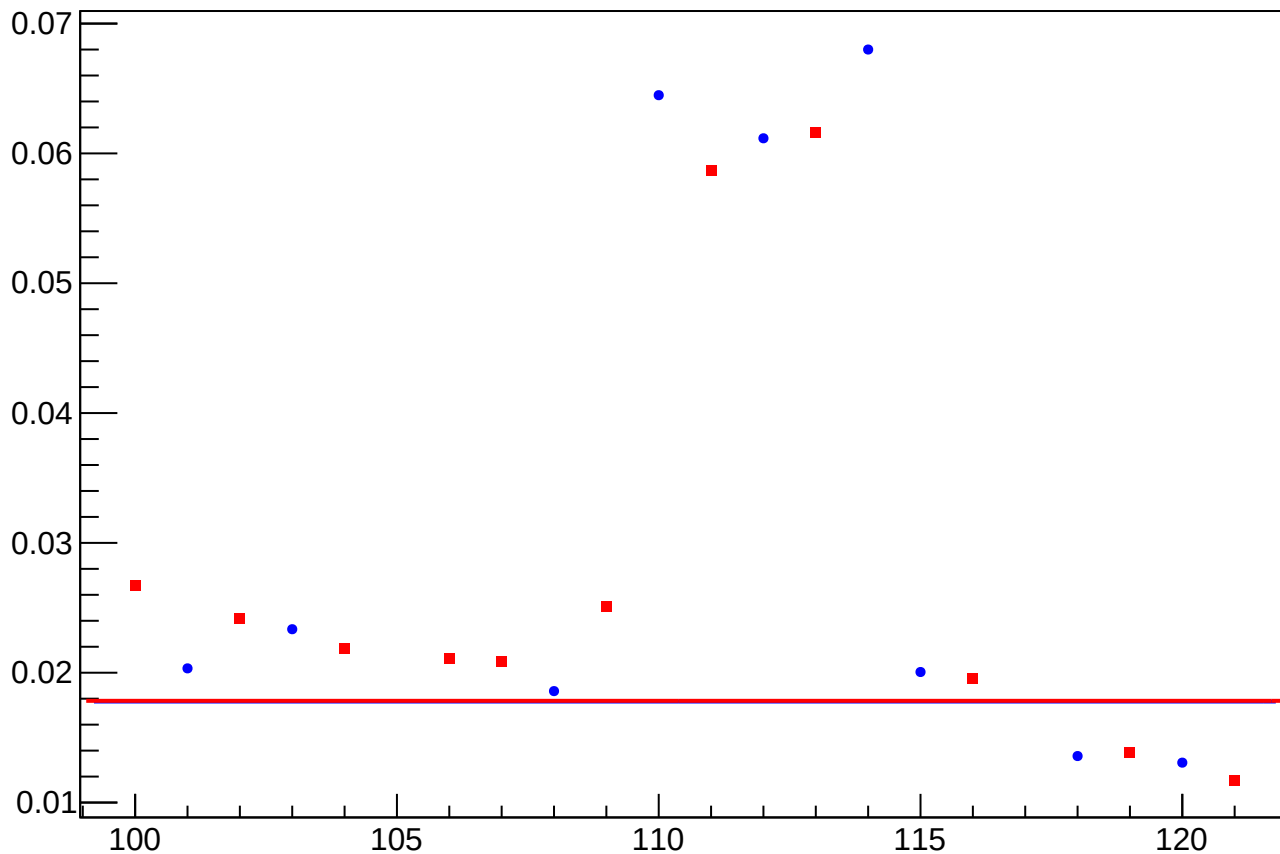
Right: 15.836+/-0.000 χ^2/NDF : 4131434297.6/19

In: 15.757+/-0.000 χ^2/NDF : 1495392614.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.836+/-0.000 χ^2/NDF : 4131434297.6/19

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 1208668.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 1390972.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

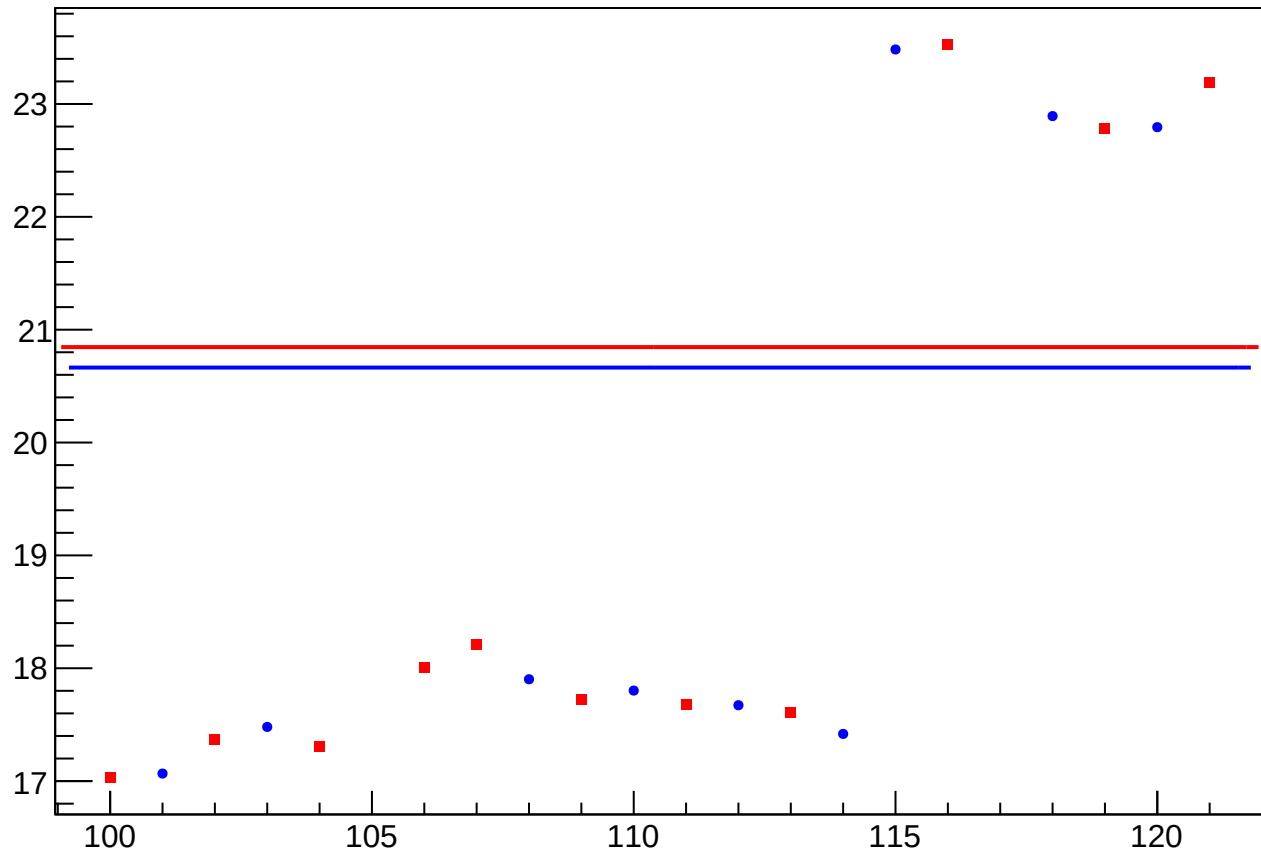
Right: 0.018+/-0.000 χ^2/NDF : 2599666.3/19

In: 0.018+/-0.000 χ^2/NDF : 1208668.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 2599666.3/19

yield_sam2_mean vs Slug, Sign Corrected



Right In: 20.664+/-0.000 χ^2/NDF : 667270388.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.846+/-0.000 χ^2/NDF : 782407940.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

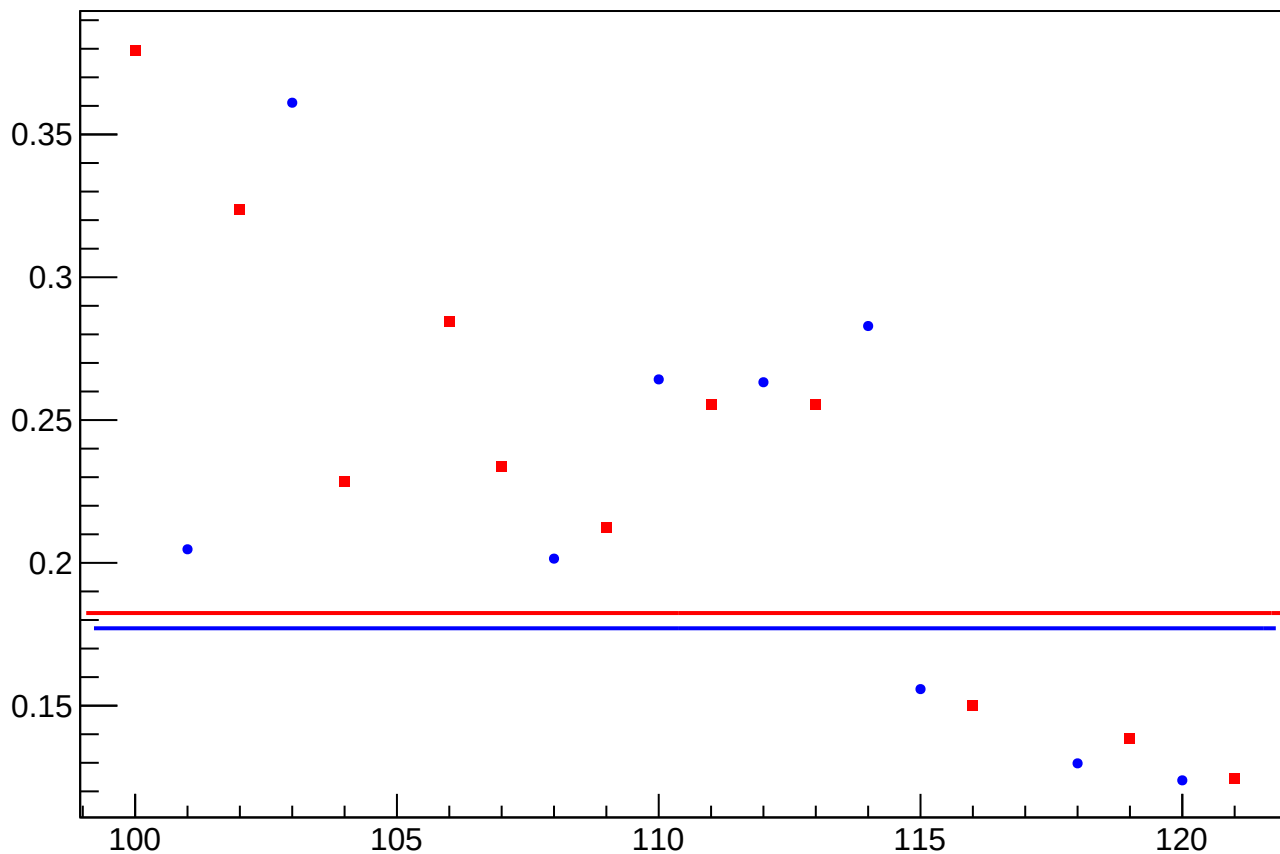
Right: 20.762+/-0.000 χ^2/NDF : 1451322285.4/19

In: 20.664+/-0.000 χ^2/NDF : 667270388.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.762+/-0.000 χ^2/NDF : 1451322285.4/19

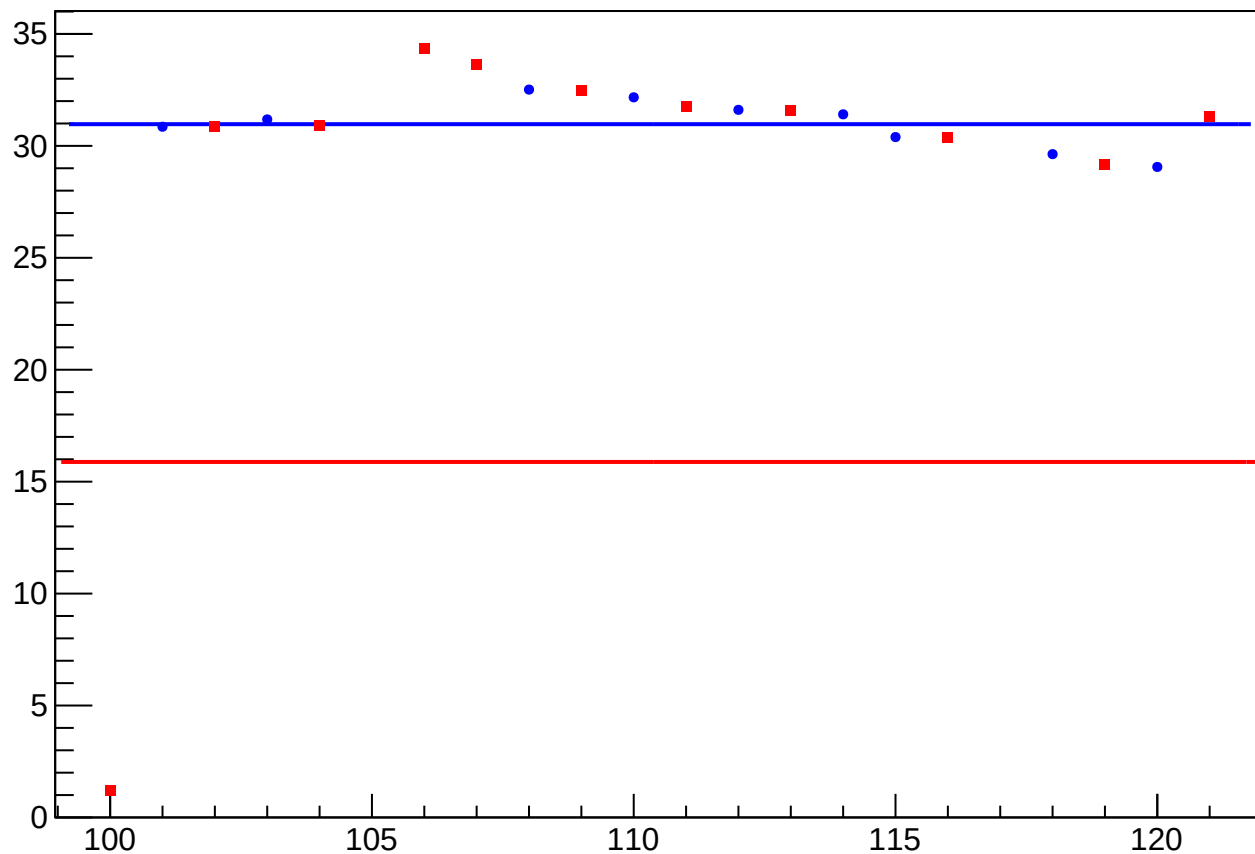
yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.177+/-0.000 χ^2/NDF : 784299.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.182+/-0.000 χ^2/NDF : 836527.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.180+/-0.000 χ^2/NDF : 1623664.1/19
 In: 0.177+/-0.000 χ^2/NDF : 784299.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.180+/-0.000 χ^2/NDF : 1623664.1/19

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.969+/-0.000 χ^2/NDF : 345730772.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.881+/-0.000 χ^2/NDF : 173196288090.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

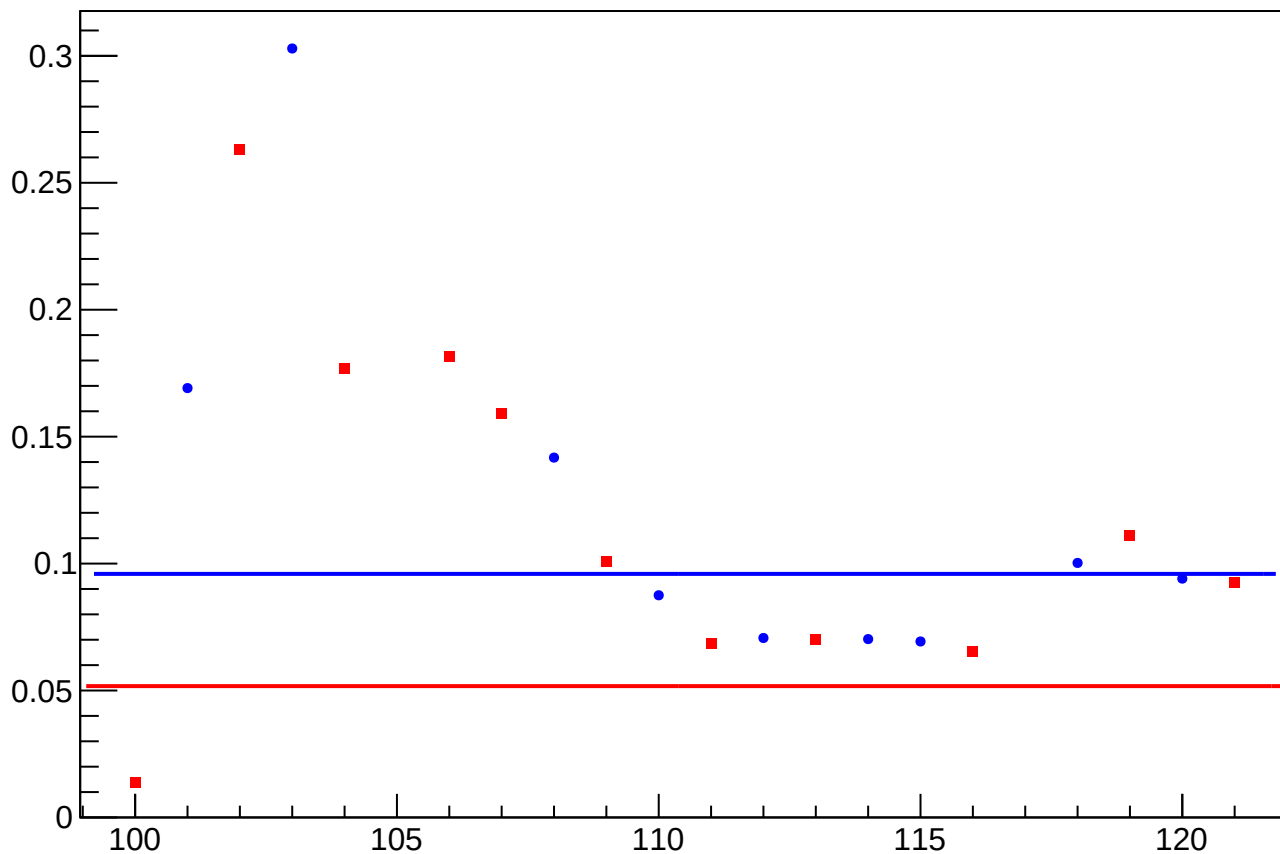
Right: 20.007+/-0.000 χ^2/NDF : 220959541563.8/19

In: 30.969+/-0.000 χ^2/NDF :345730772.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.007+/-0.000 χ^2/NDF : 220959541563.8/19

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.096+/-0.000 χ^2/NDF : 983695.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 3436970.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

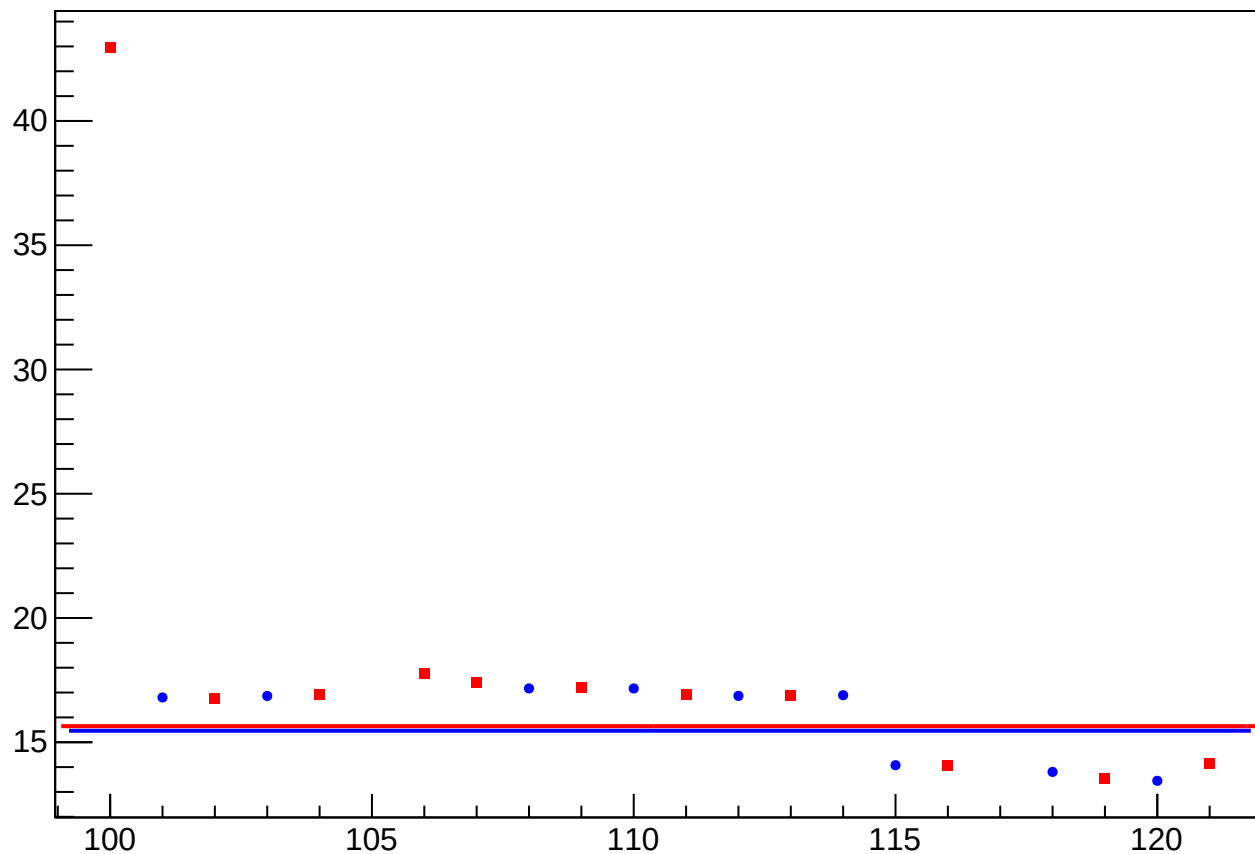
Right: 0.064+/-0.000 χ^2/NDF : 5234796.3/19

In: 0.096+/-0.000 χ^2/NDF :983695.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.064+/-0.000 χ^2/NDF : 5234796.3/19

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.463+/-0.000 χ^2/NDF : 844198816.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.647+/-0.000 χ^2/NDF : 1263358595.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

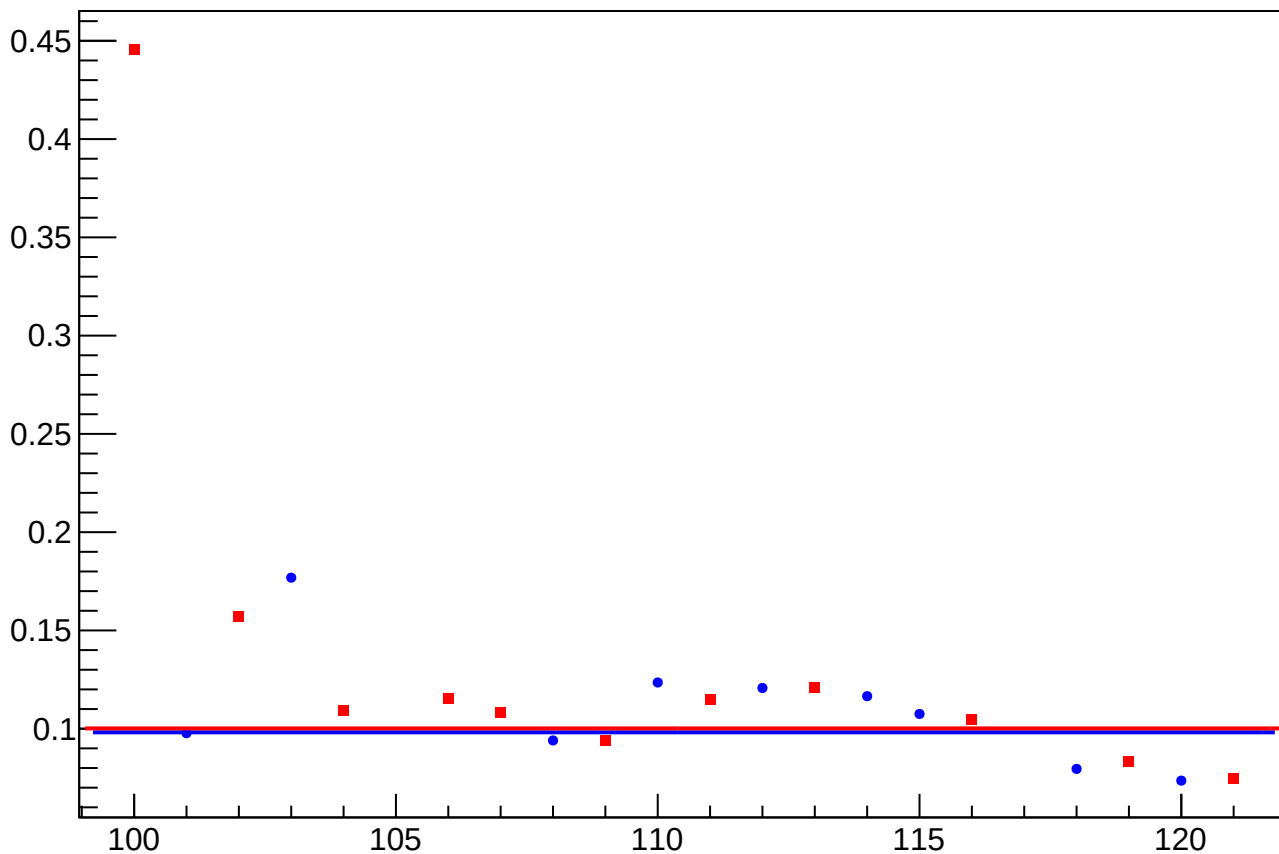
Right: 15.562+/-0.000 χ^2/NDF : 2113318511.0/19

In: 15.463+/-0.000 χ^2/NDF :844198816.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.562+/-0.000 χ^2/NDF : 2113318511.0/19

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.098+/-0.000 χ^2/NDF : 420586.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.100+/-0.000 χ^2/NDF : 434119.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

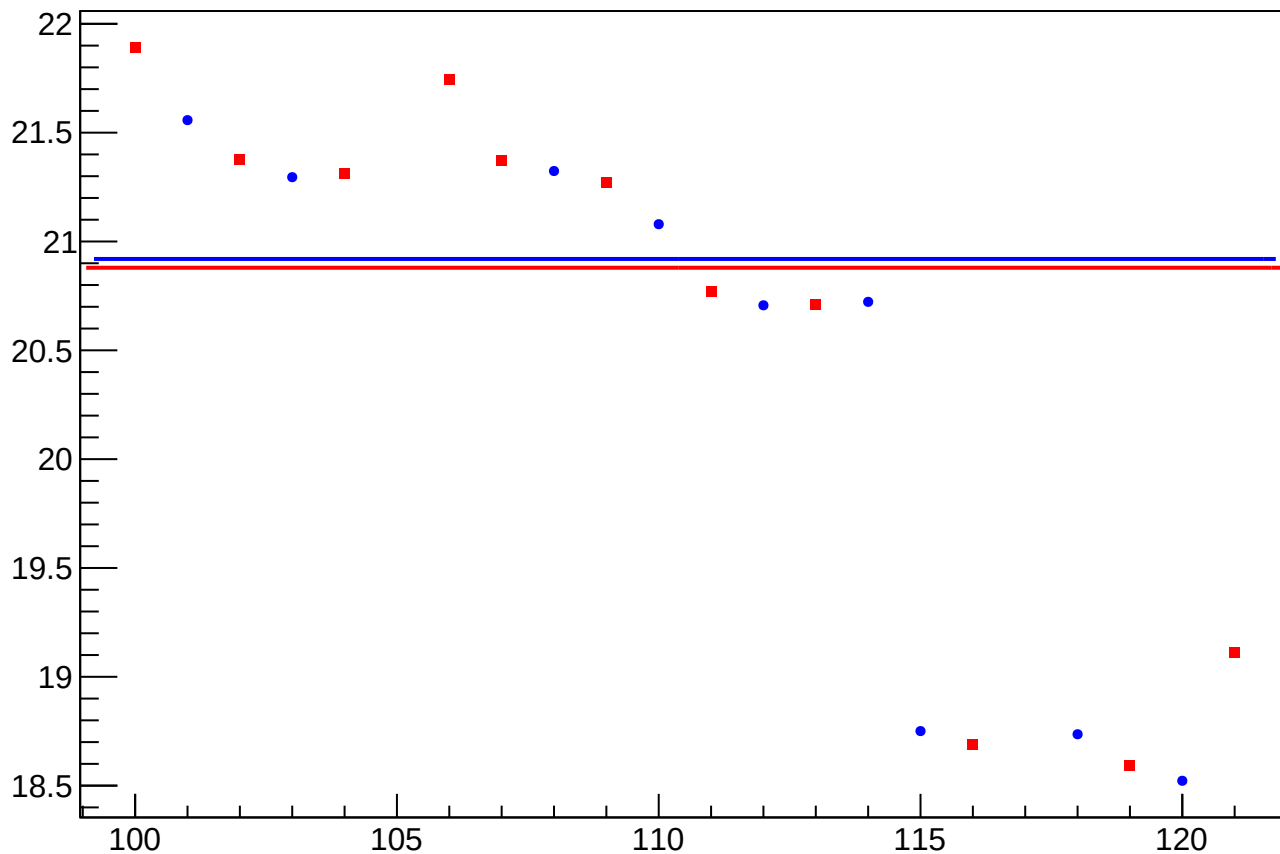
Right: 0.099+/-0.000 χ^2/NDF : 856071.9/19

In: 0.098+/-0.000 χ^2/NDF : 420586.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.099+/-0.000 χ^2/NDF : 856071.9/19

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.920+/-0.000 χ^2/NDF : 3817638470.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.879+/-0.000 χ^2/NDF : 4339013716.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

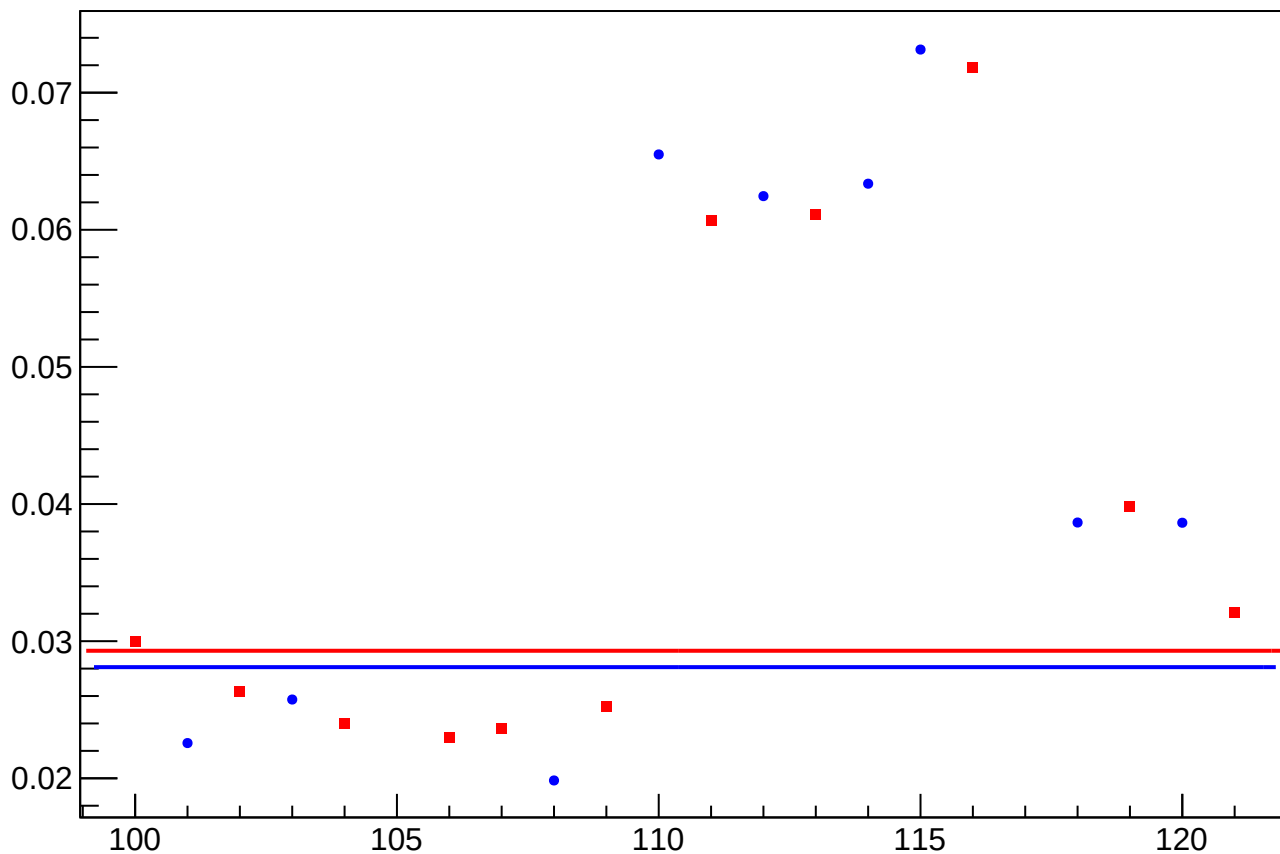
Right: 20.898+/-0.000 χ^2/NDF : 8159842579.2/19

In: 20.920+/-0.000 χ^2/NDF :3817638470.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.898+/-0.000 χ^2/NDF : 8159842579.2/19

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 988331.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 871604.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

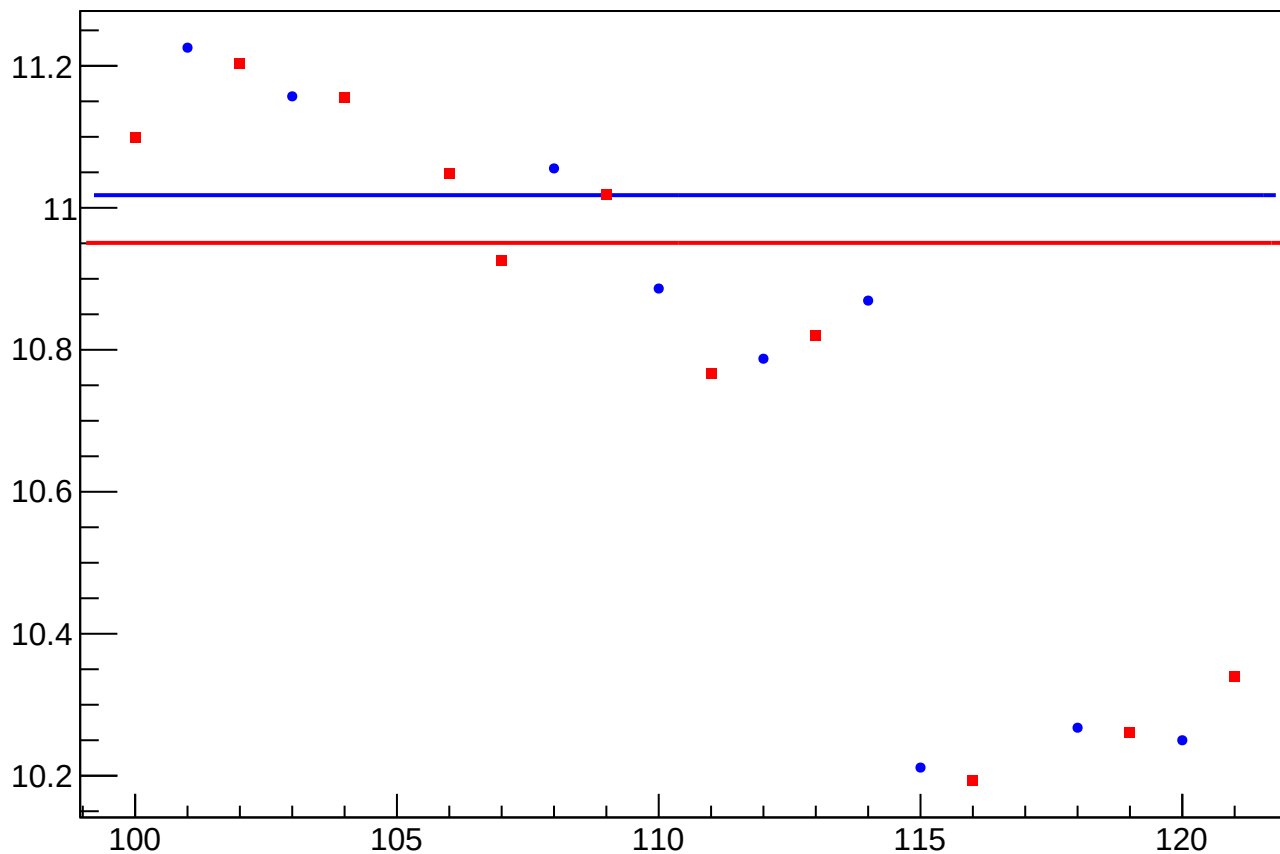
Right: 0.029+/-0.000 χ^2/NDF : 1865529.8/19

In: 0.028+/-0.000 χ^2/NDF : 988331.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1865529.8/19

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.018+/-0.000 χ^2/NDF : 1734976241.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.951+/-0.000 χ^2/NDF : 1682129292.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

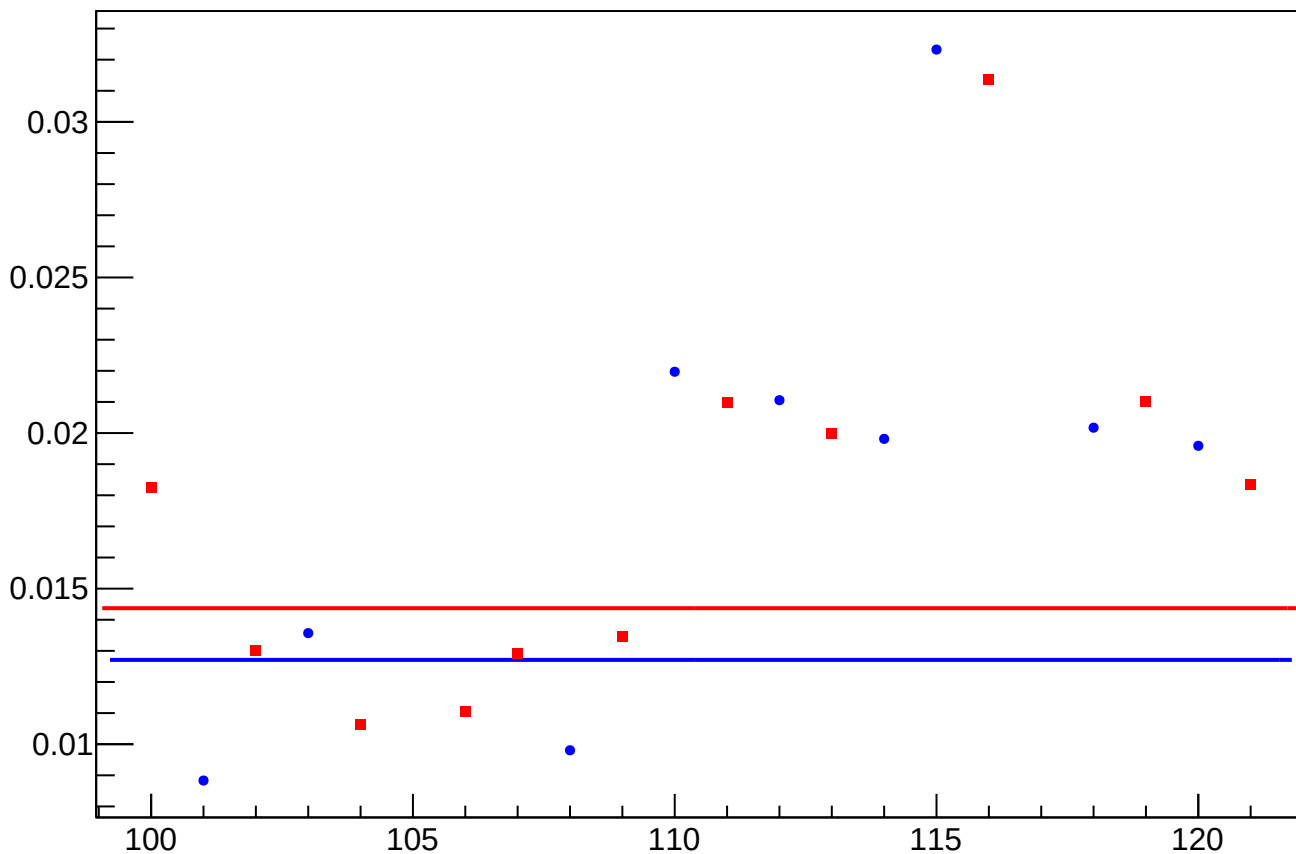
Right: 10.984+/-0.000 χ^2/NDF : 3457950558.0/19

In: 11.018+/-0.000 χ^2/NDF : 1734976241.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.984+/-0.000 χ^2/NDF : 3457950558.0/19

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 889269.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 641323.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

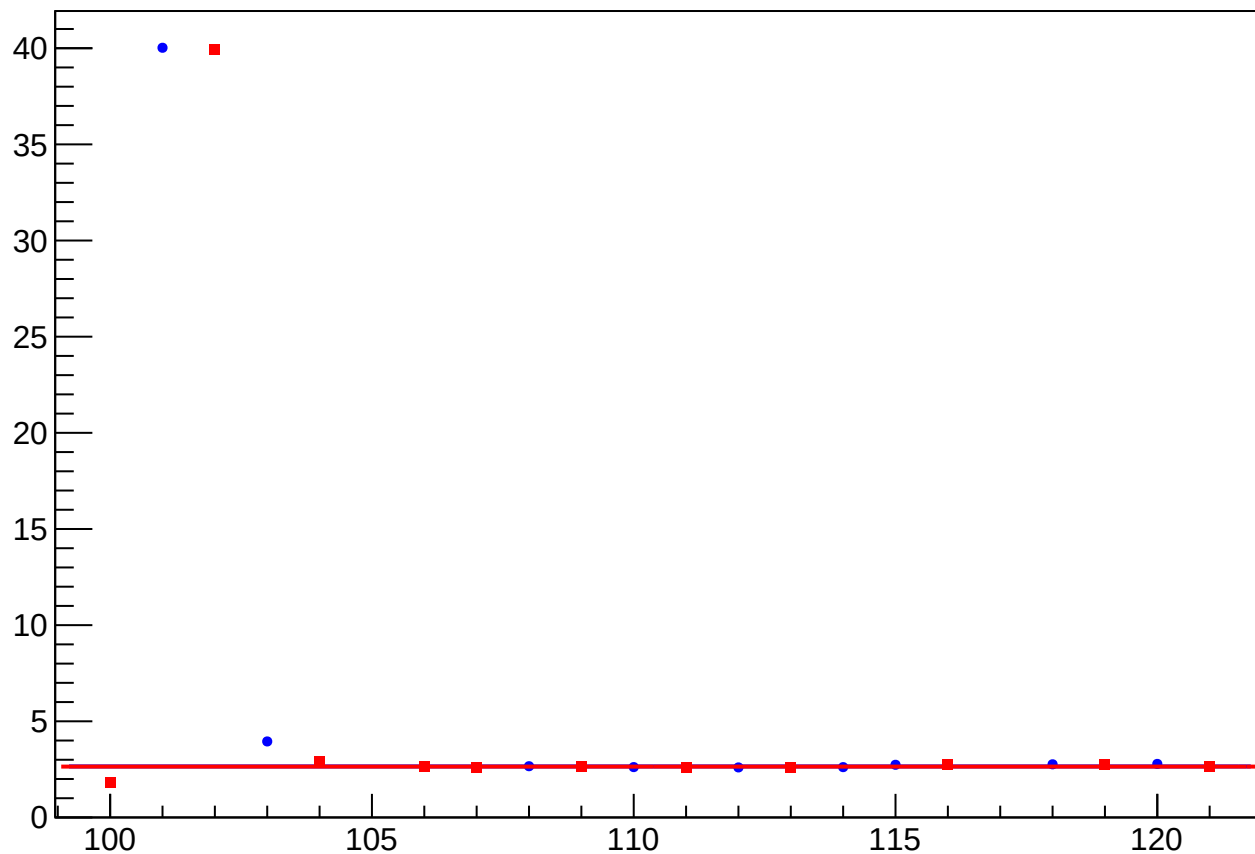
Right: 0.014+/-0.000 χ^2/NDF : 1580534.0/19

In: 0.013+/-0.000 χ^2/NDF :889269.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1580534.0/19

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.653+/-0.000 χ^2/NDF : 64501947398.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.645+/-0.000 χ^2/NDF : 62777418115.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

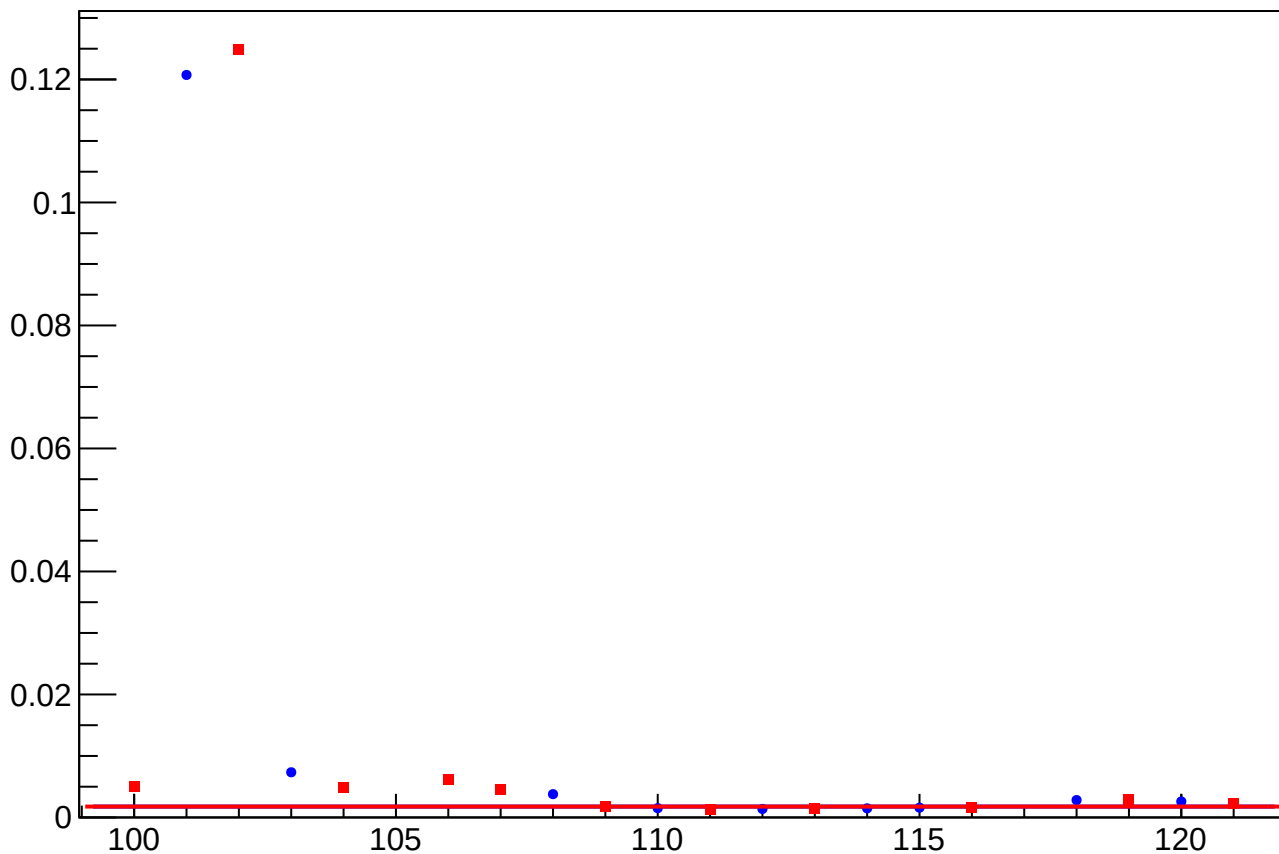
Right: 2.648+/-0.000 χ^2/NDF : 127306749129.5/19

In: 2.653+/-0.000 χ^2/NDF : 64501947398.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.648+/-0.000 χ^2/NDF : 127306749129.5

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1760581.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2336476.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

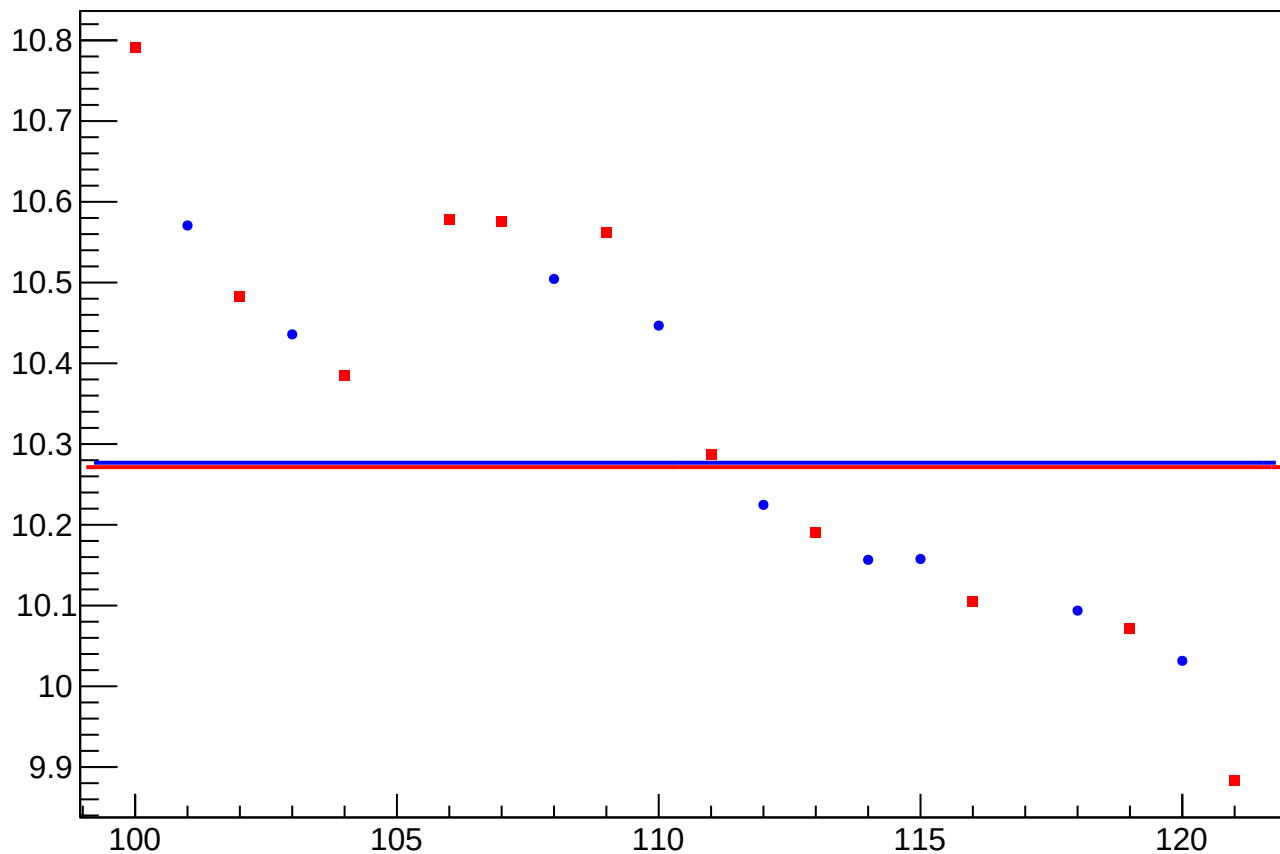
Right: 0.002+/-0.000 χ^2/NDF : 4097059.2/19

In: 0.002+/-0.000 χ^2/NDF : 1760581.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4097059.2/19

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.277+/-0.000 χ^2/NDF : 2372602839.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.271+/-0.000 χ^2/NDF : 4228704711.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

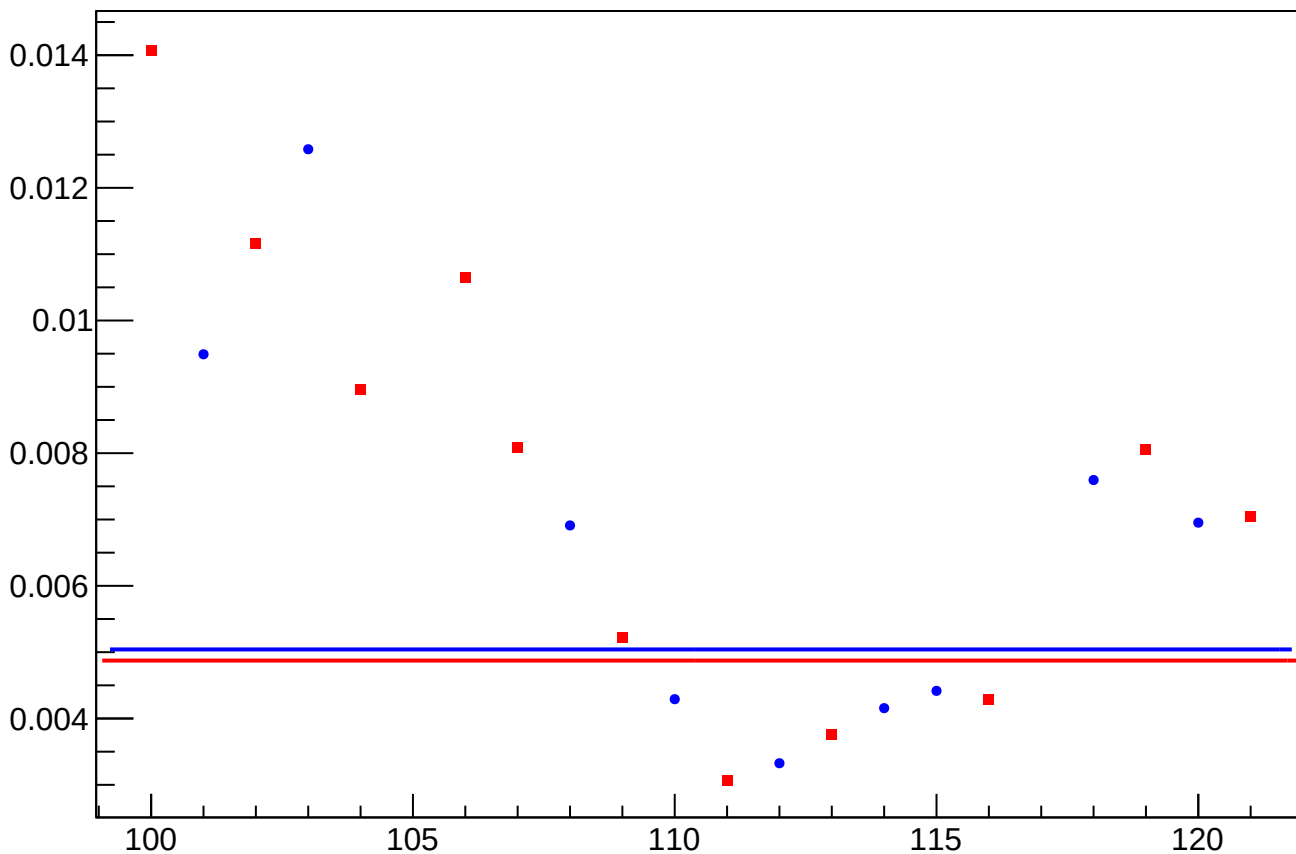
Right: 10.274+/-0.000 χ^2/NDF : 6603089943.3/19

In: 10.277+/-0.000 χ^2/NDF : 2372602839.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.274+/-0.000 χ^2/NDF : 6603089943.3/19

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1132516.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1473255.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

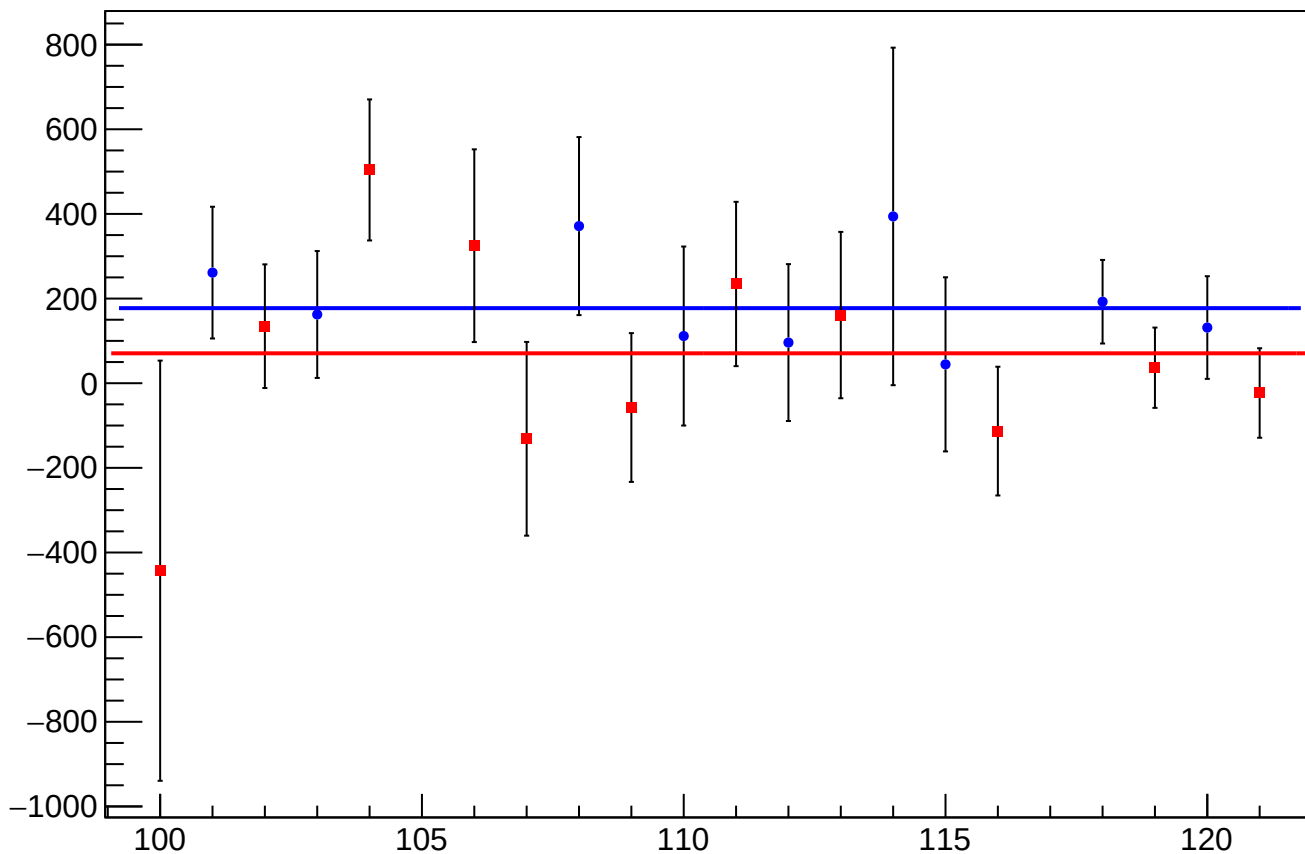
Right: 0.005+/-0.000 χ^2/NDF : 2609111.5/19

In: 0.005+/-0.000 χ^2/NDF :1132516.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2609111.5/19

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 177.369+/-52.678 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.653+/-46.942 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

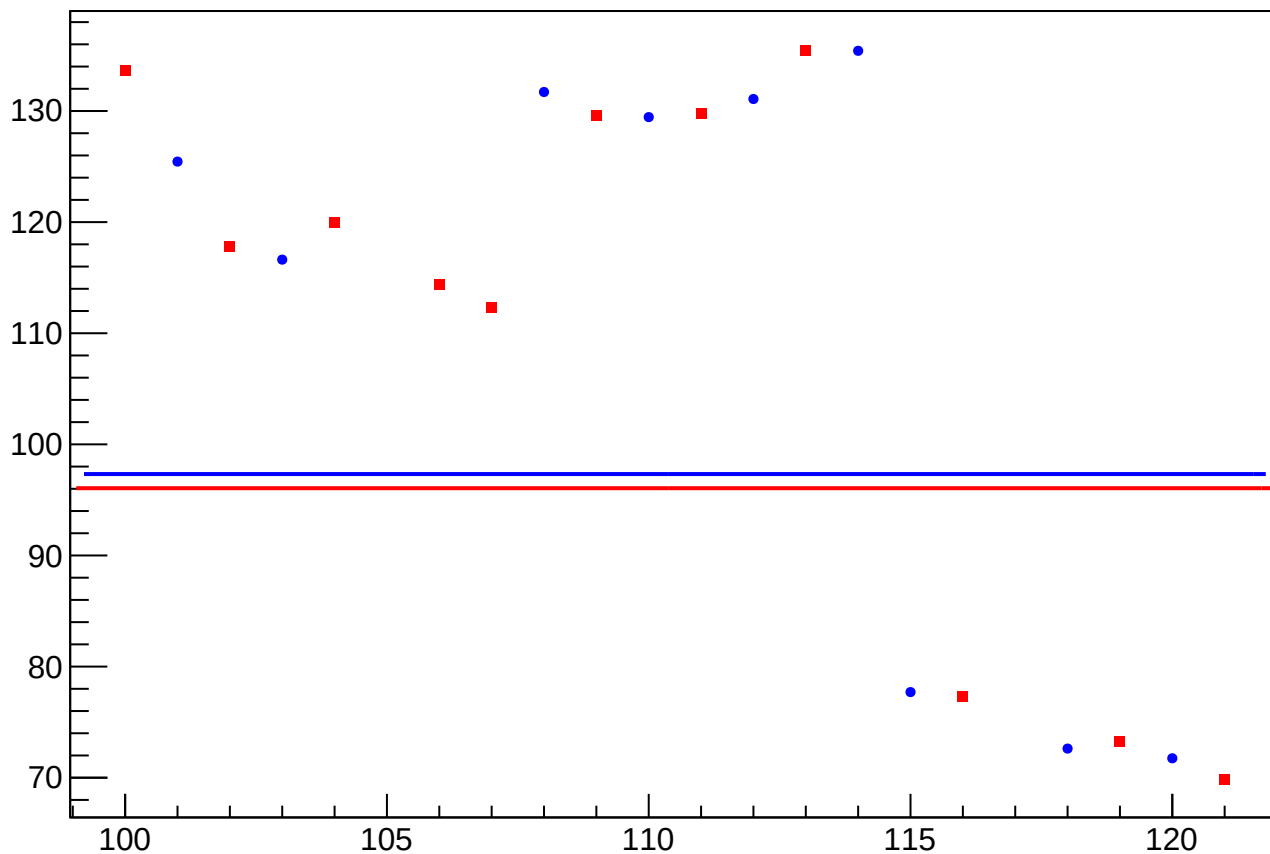
Right: 117.886+/-35.046 χ^2/NDF : 18.5/19

In: 177.369+/-52.678 χ^2/NDF : 2.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.886+/-35.046 χ^2/NDF : 18.5/19

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.327+/-0.037 χ^2/NDF : 515043.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.053+/-0.033 χ^2/NDF : 602609.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

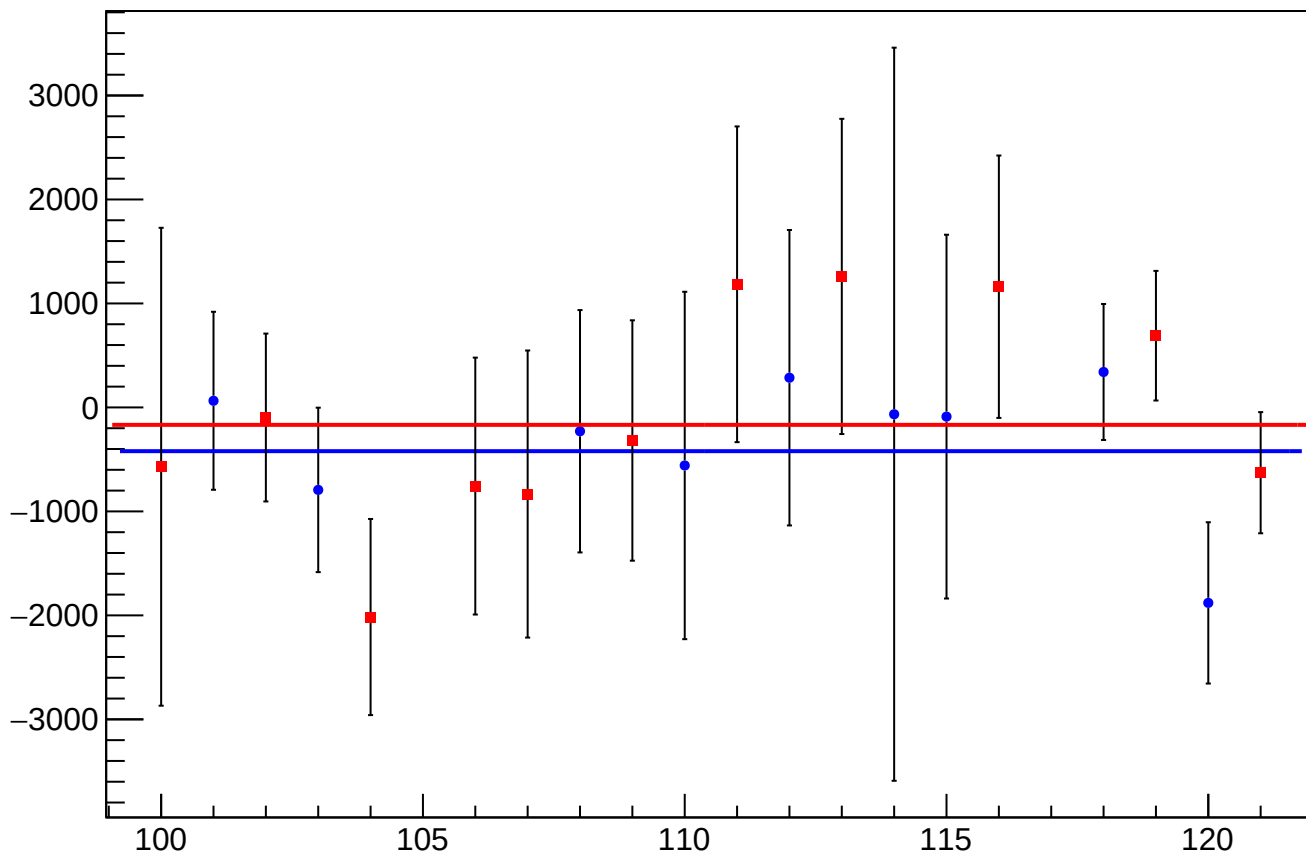
Right: 96.617+/-0.025 χ^2/NDF : 1118305.0/19

In: 97.327+/-0.037 χ^2/NDF : 515043.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.617+/-0.025 χ^2/NDF : 1118305.0/19

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -420.714 $\pm$ 334.051 χ^2 /NDF: 5.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -167.659 $\pm$ 291.200 χ^2 /NDF: 9.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

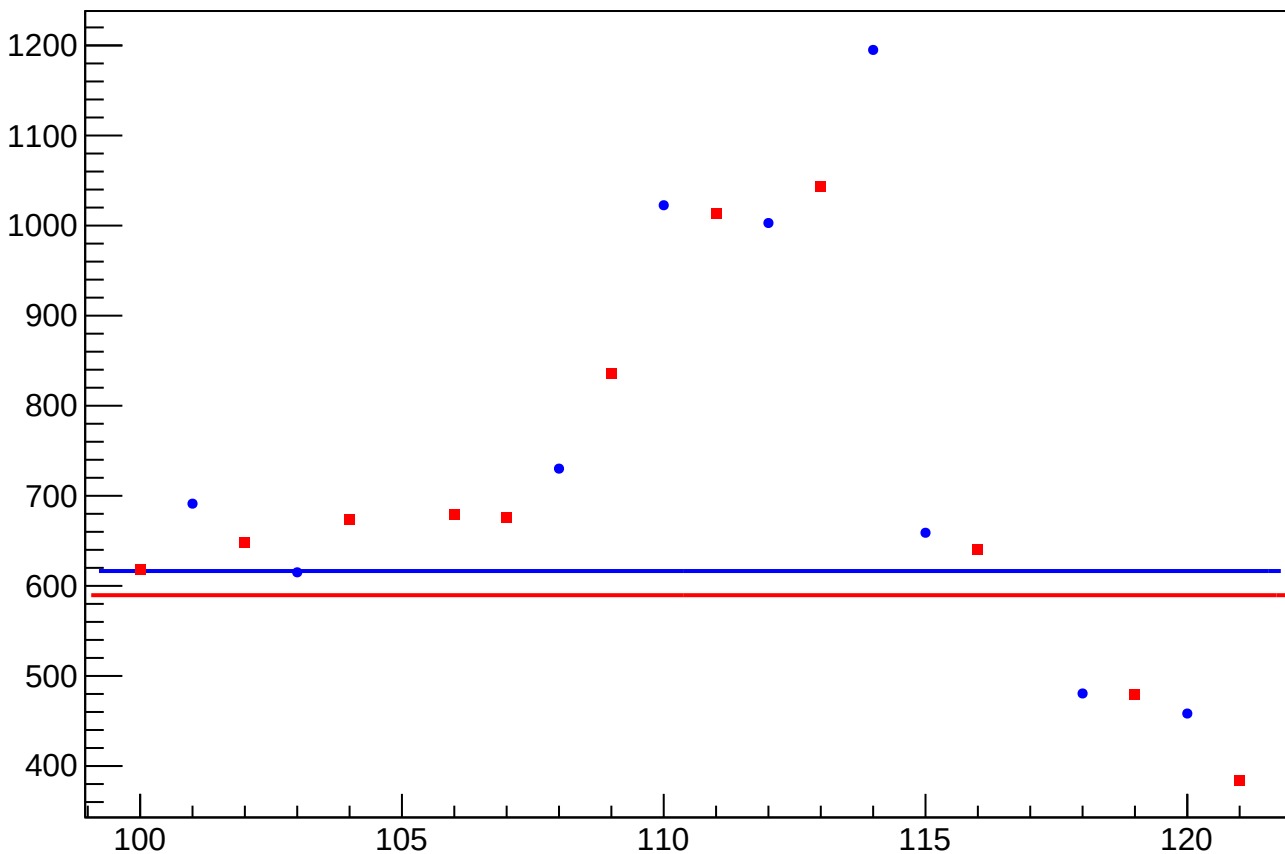
Right: -276.925 $\pm$ 219.507 χ^2 /NDF: 15.8/19

In: -420.714 $\pm$ 334.051 χ^2 /NDF:5.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -276.925 $\pm$ 219.507 χ^2 /NDF: 15.8/19

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 616.490+/-0.236 χ^2/NDF : 525055.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.649+/-0.206 χ^2/NDF : 785778.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

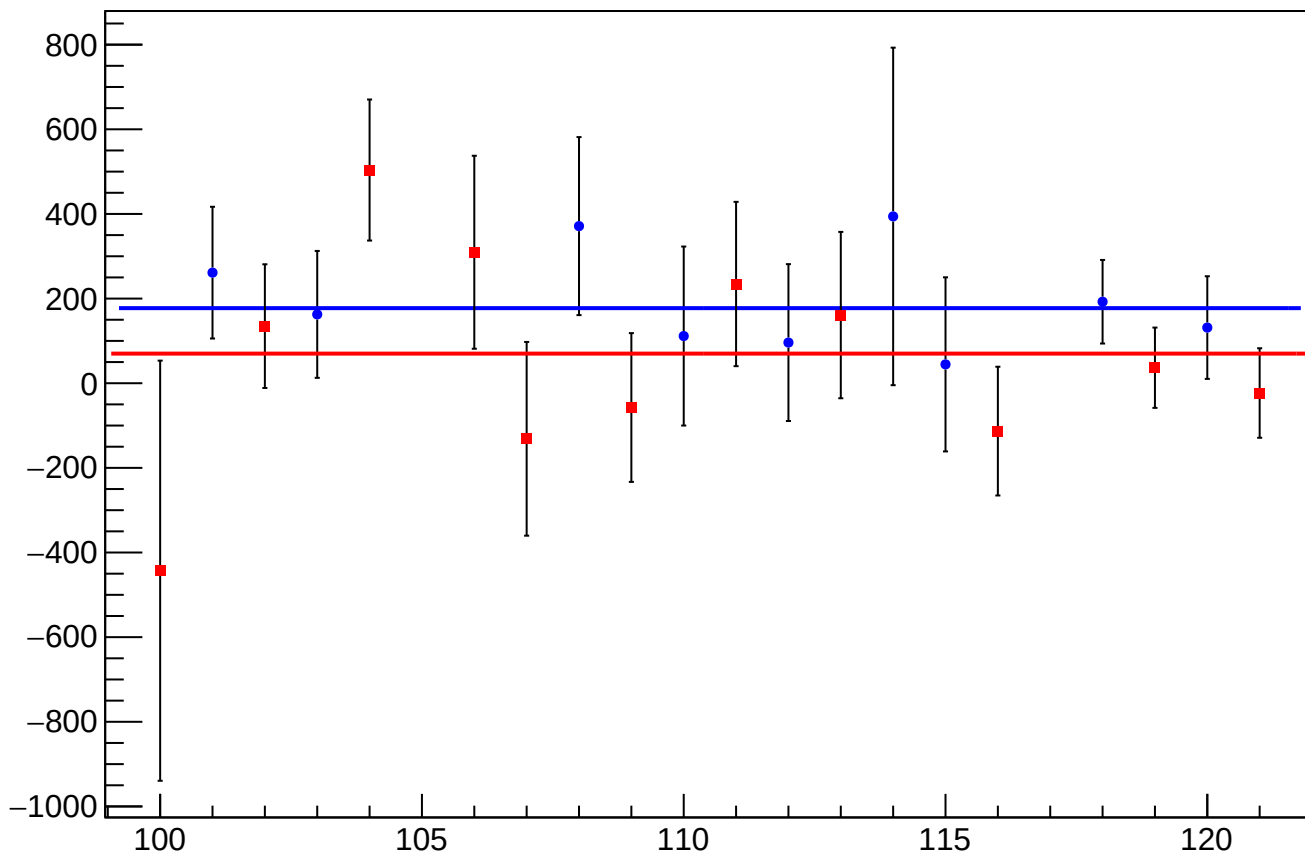
Right: 601.239+/-0.155 χ^2/NDF : 1318171.1/19

In: 616.490+/-0.236 χ^2/NDF : 525055.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.239+/-0.155 χ^2/NDF : 1318171.1/19

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 177.413 $\pm$ 52.678 χ^2 /NDF: 2.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.985 $\pm$ 46.945 χ^2 /NDF: 13.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

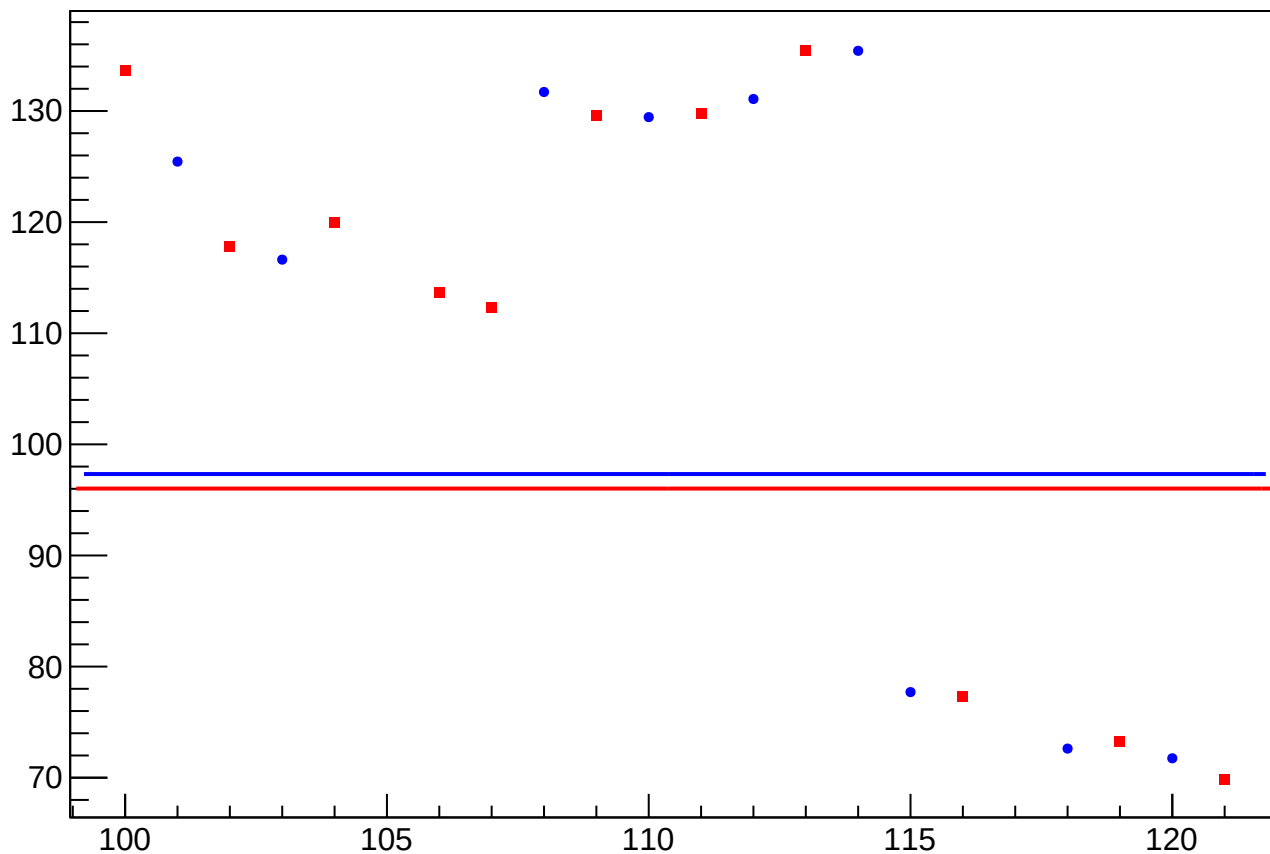
Right: 117.537 $\pm$ 35.047 χ^2 /NDF: 18.4/19

In: 177.413 $\pm$ 52.678 χ^2 /NDF:2.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.537 $\pm$ 35.047 χ^2 /NDF: 18.4/19

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.021+/-0.033 χ^2/NDF : 601591.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

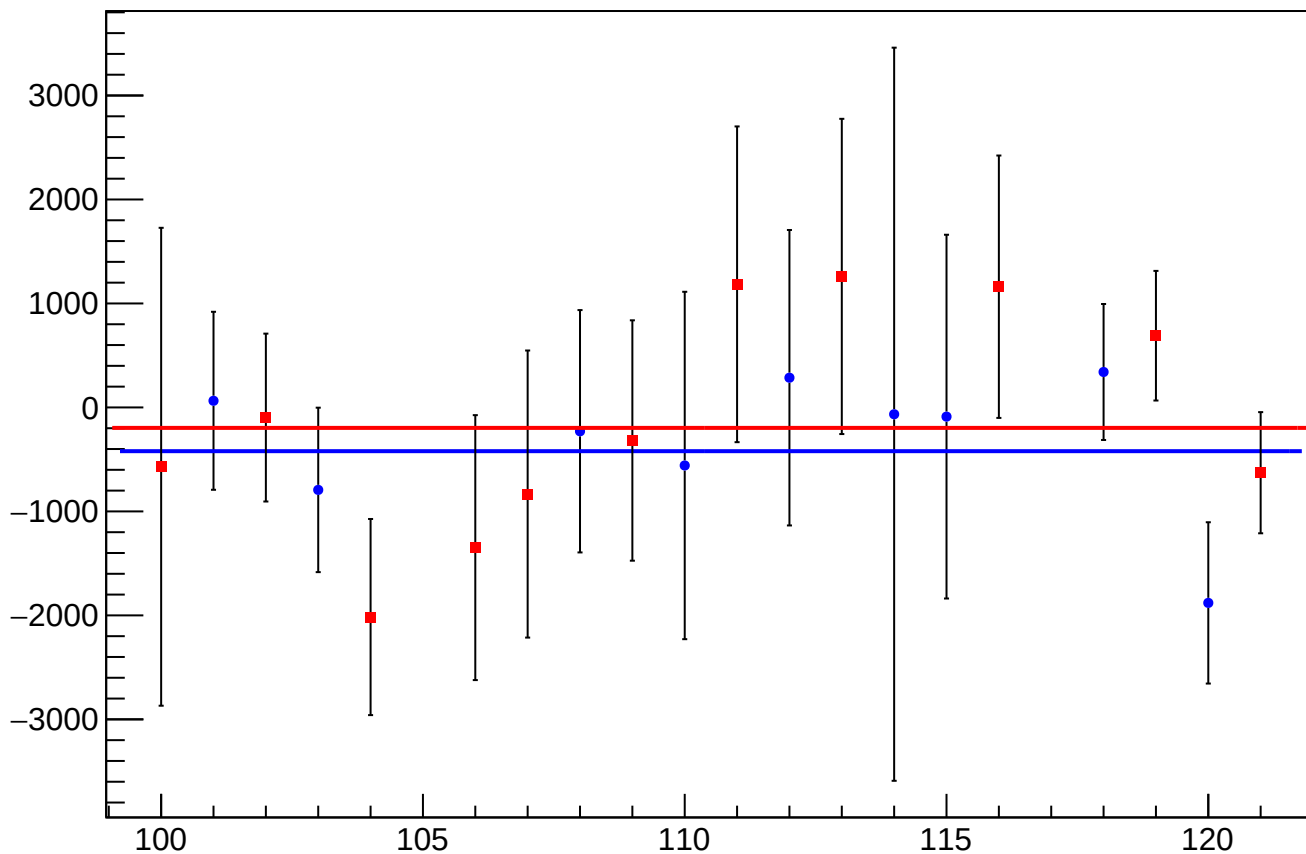
Right: 96.599+/-0.025 χ^2/NDF : 1117320.5/19

In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.599+/-0.025 χ^2/NDF : 1117320.5/19

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -420.710+/-334.051 χ^2 /NDF: 5.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -196.774+/-291.688 χ^2 /NDF: 10.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

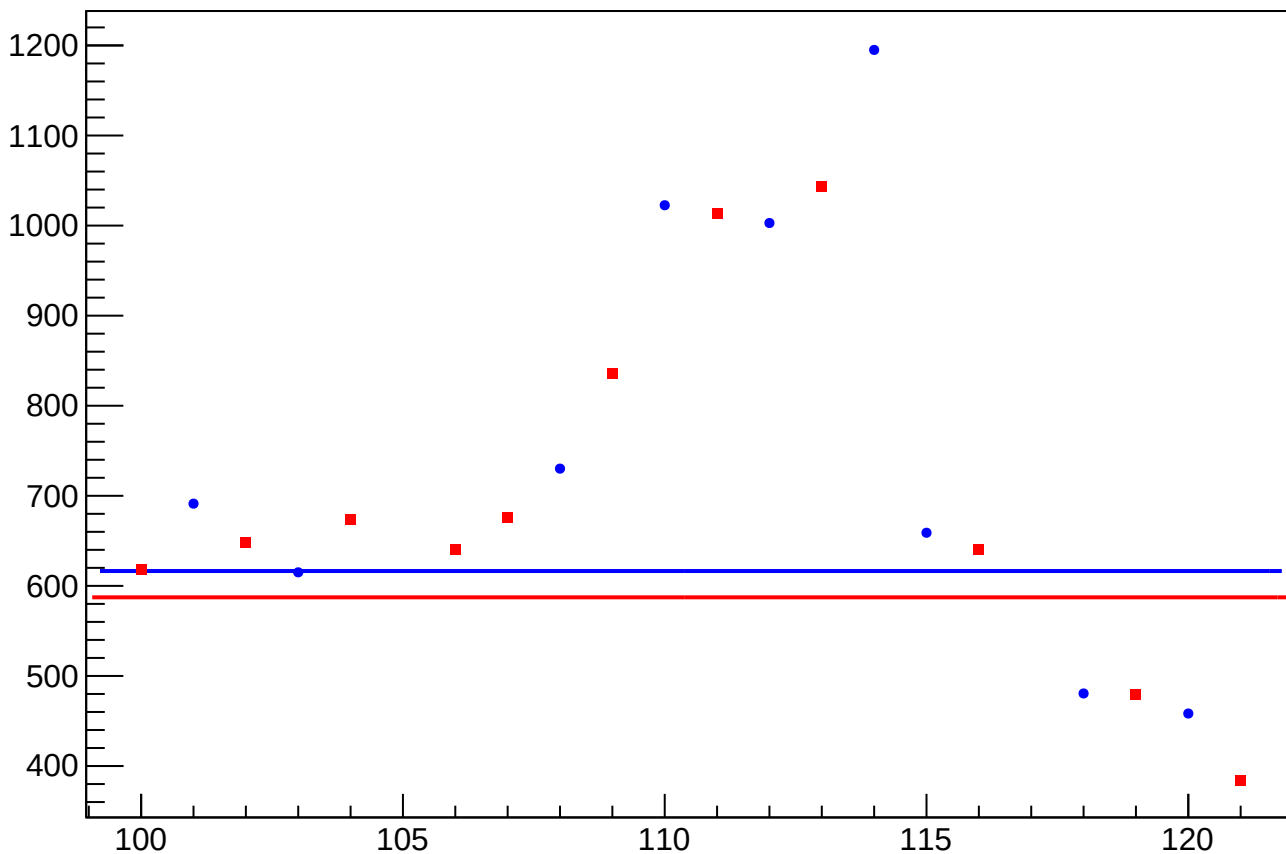
Right: -293.651+/-219.715 χ^2 /NDF: 16.3/19

In: -420.710+/-334.051 χ^2 /NDF:5.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -293.651+/-219.715 χ^2 /NDF: 16.3/19

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.292+/-0.206 χ^2/NDF : 778212.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

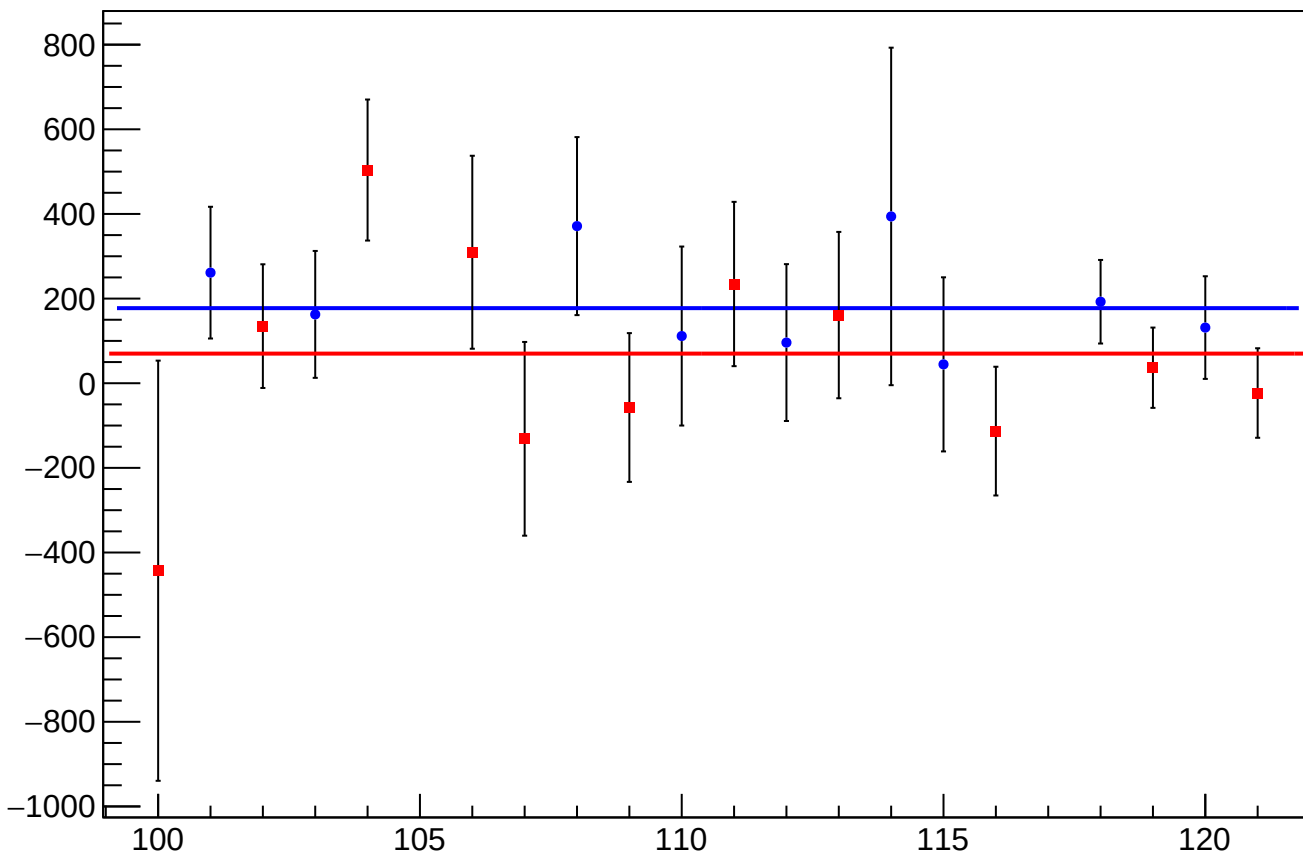
Right: 599.923+/-0.155 χ^2/NDF : 1311936.8/19

In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.923+/-0.155 χ^2/NDF : 1311936.8/19

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 177.413 $\pm$ 52.678 χ^2/NDF : 2.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 69.985 $\pm$ 46.945 χ^2/NDF : 13.7/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

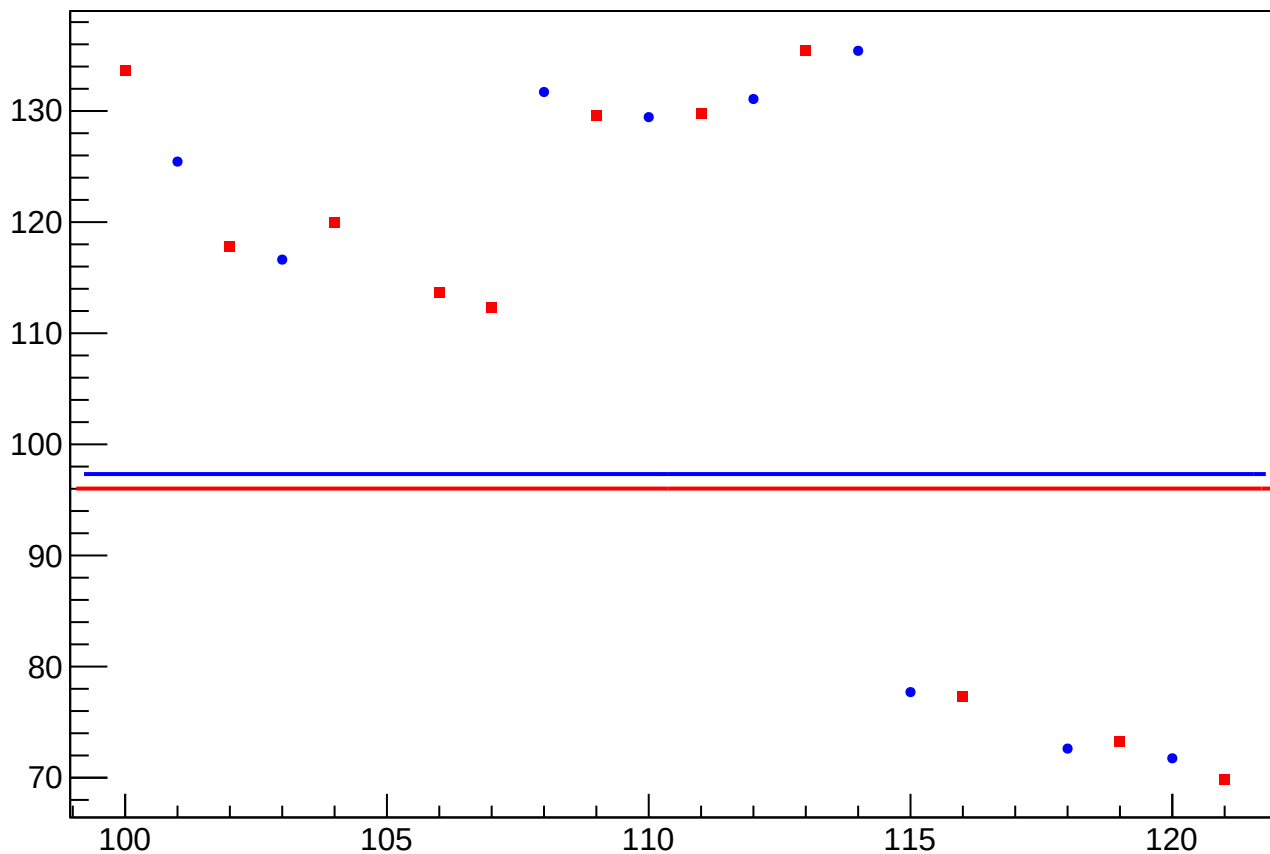
Right: 117.537 $\pm$ 35.047 χ^2/NDF : 18.4/19

In: 177.413 $\pm$ 52.678 χ^2/NDF : 2.3/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 117.537 $\pm$ 35.047 χ^2/NDF : 18.4/19

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.021+/-0.033 χ^2/NDF : 601591.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

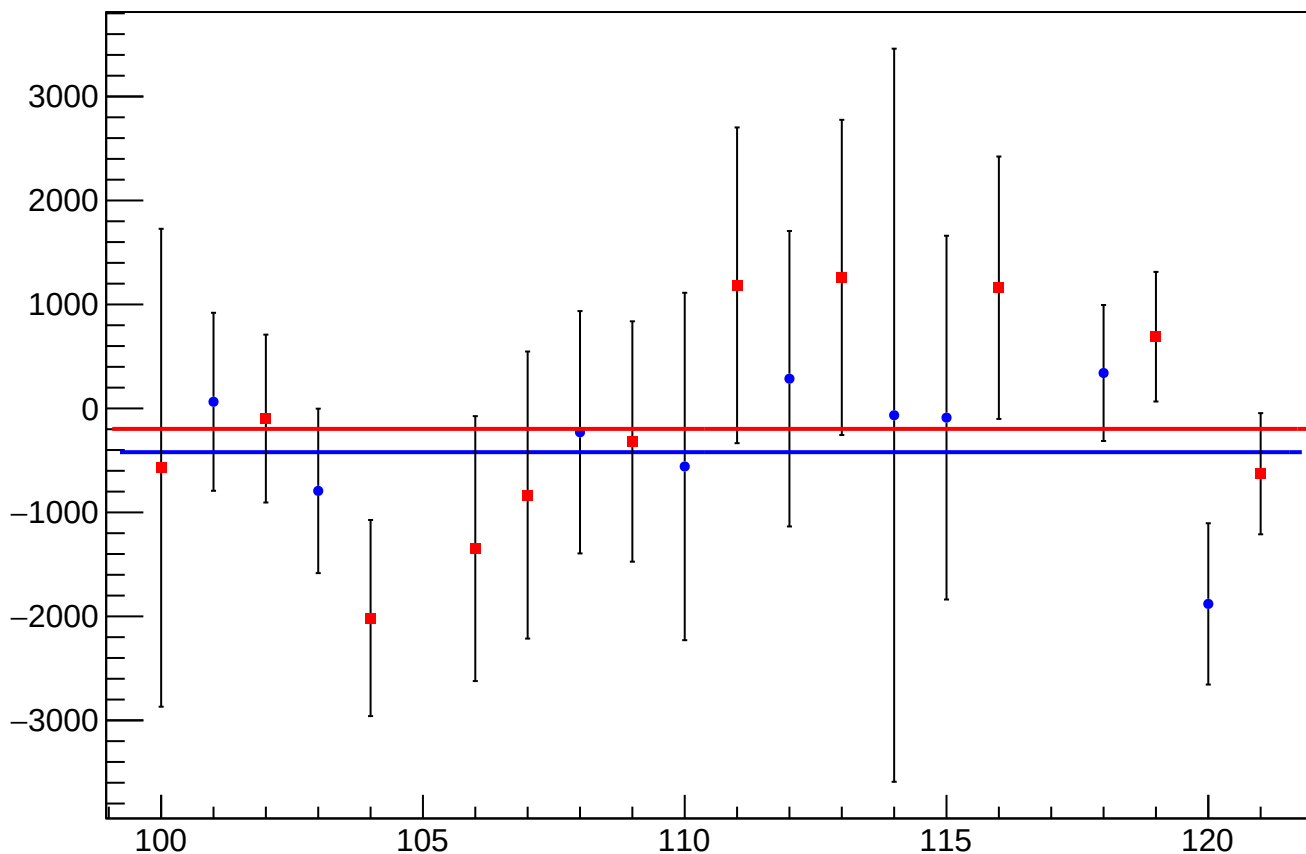
Right: 96.599+/-0.025 χ^2/NDF : 1117320.5/19

In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.599+/-0.025 χ^2/NDF : 1117320.5/19

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -420.710+/-334.051 χ^2 /NDF: 5.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -196.774+/-291.688 χ^2 /NDF: 10.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

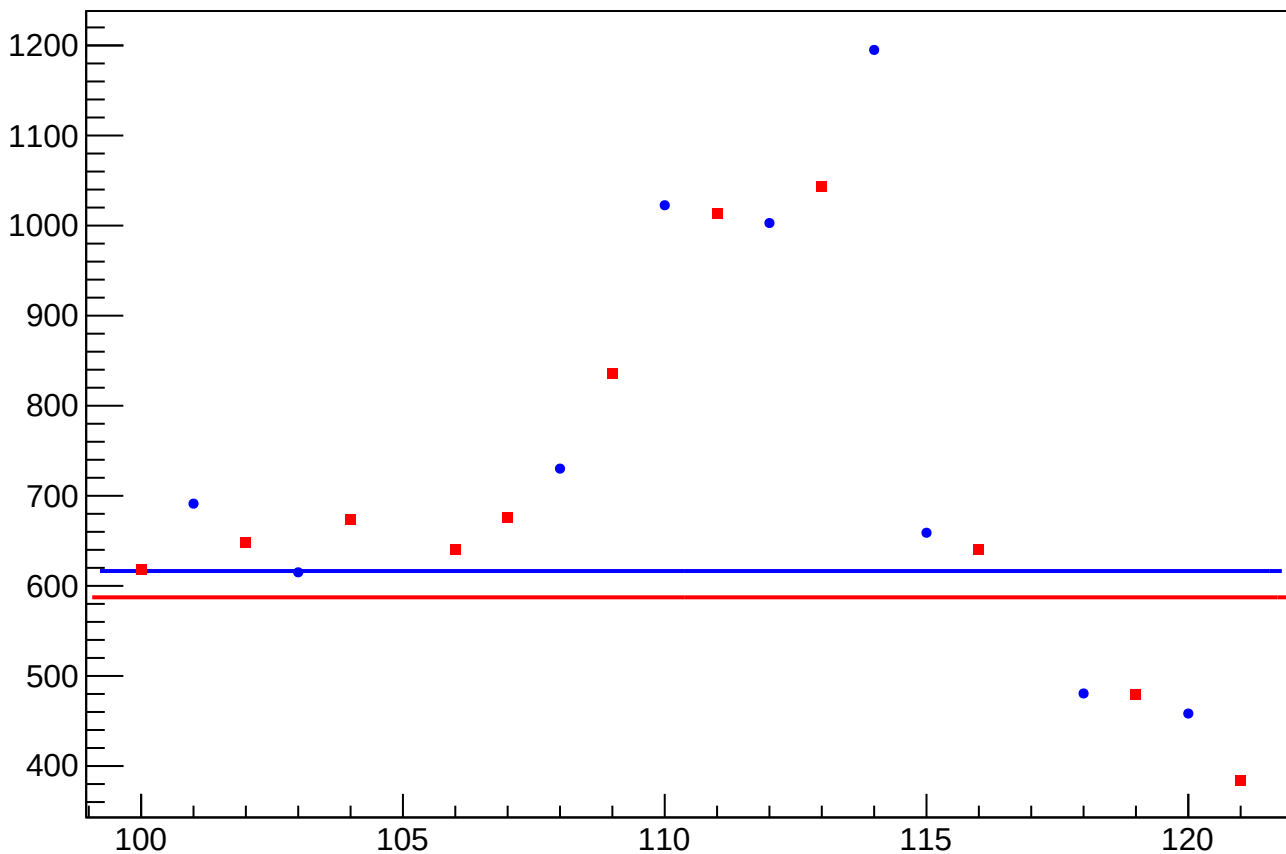
Right: -293.651+/-219.715 χ^2 /NDF: 16.3/19

In: -420.710+/-334.051 χ^2 /NDF:5.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -293.651+/-219.715 χ^2 /NDF: 16.3/19

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.292+/-0.206 χ^2/NDF : 778212.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

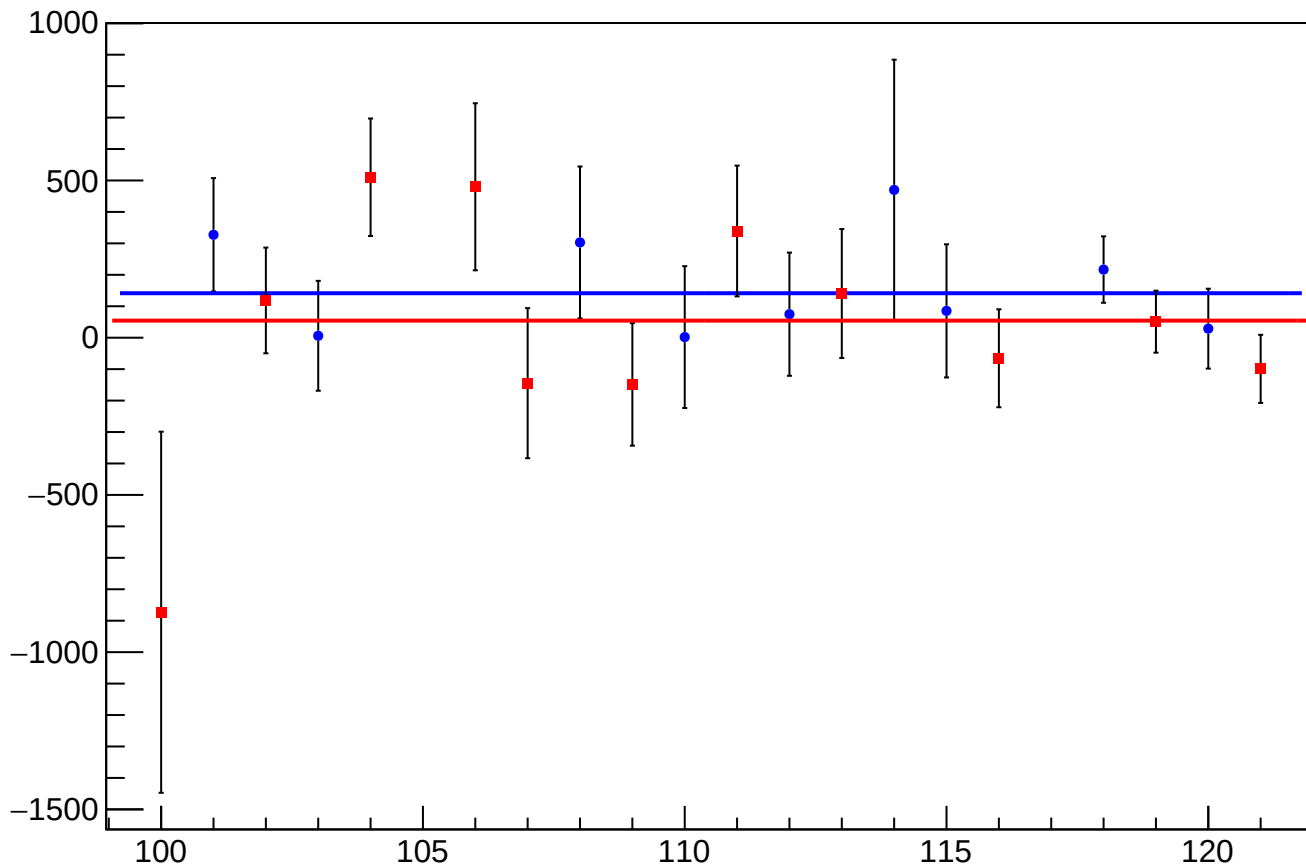
Right: 599.923+/-0.155 χ^2/NDF : 1311936.8/19

In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.923+/-0.155 χ^2/NDF : 1311936.8/19

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 141.445+/-57.145 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.285+/-49.909 χ^2/NDF : 17.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

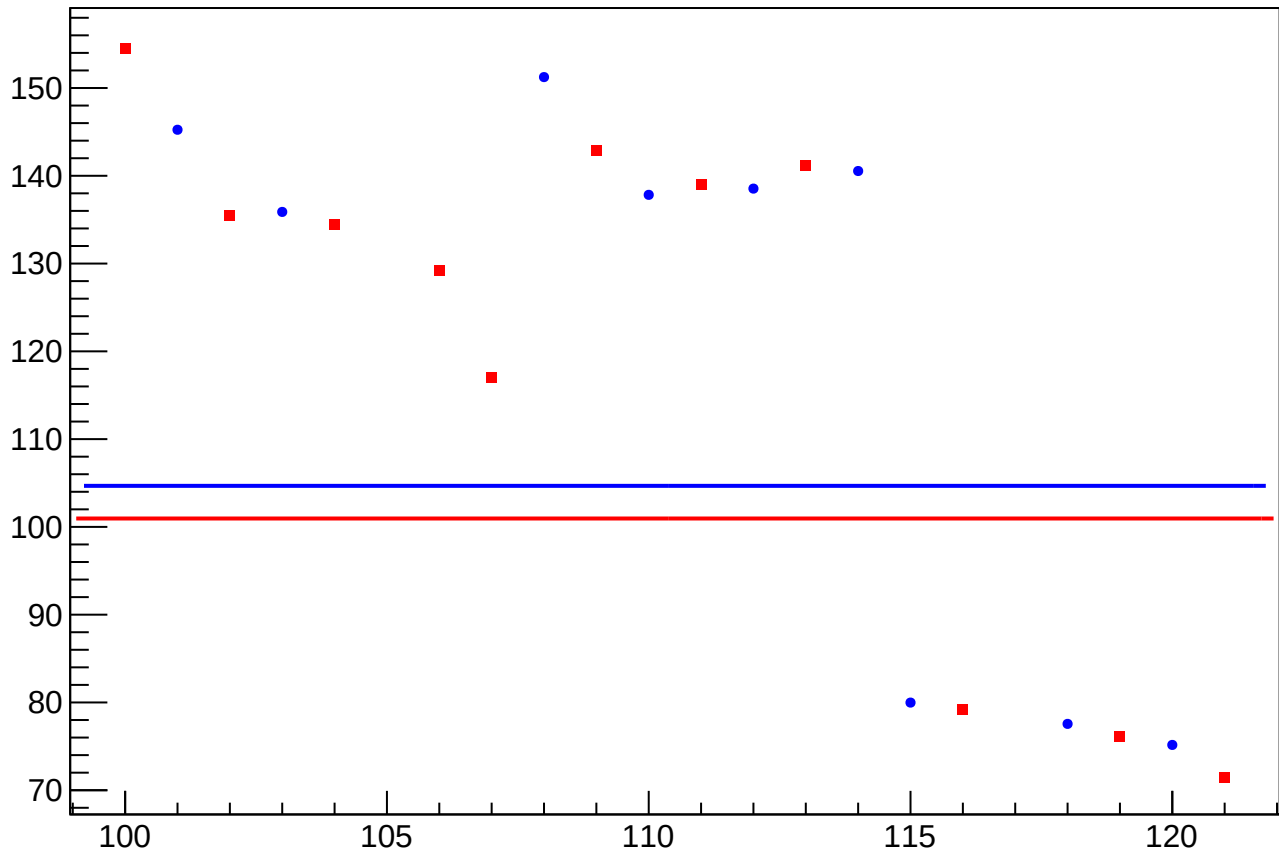
Right: 92.001+/-37.590 χ^2/NDF : 23.6/19

In: 141.445+/-57.145 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.001+/-37.590 χ^2/NDF : 23.6/19

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 104.677+/-0.040 χ^2/NDF : 624577.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.956+/-0.035 χ^2/NDF : 748948.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

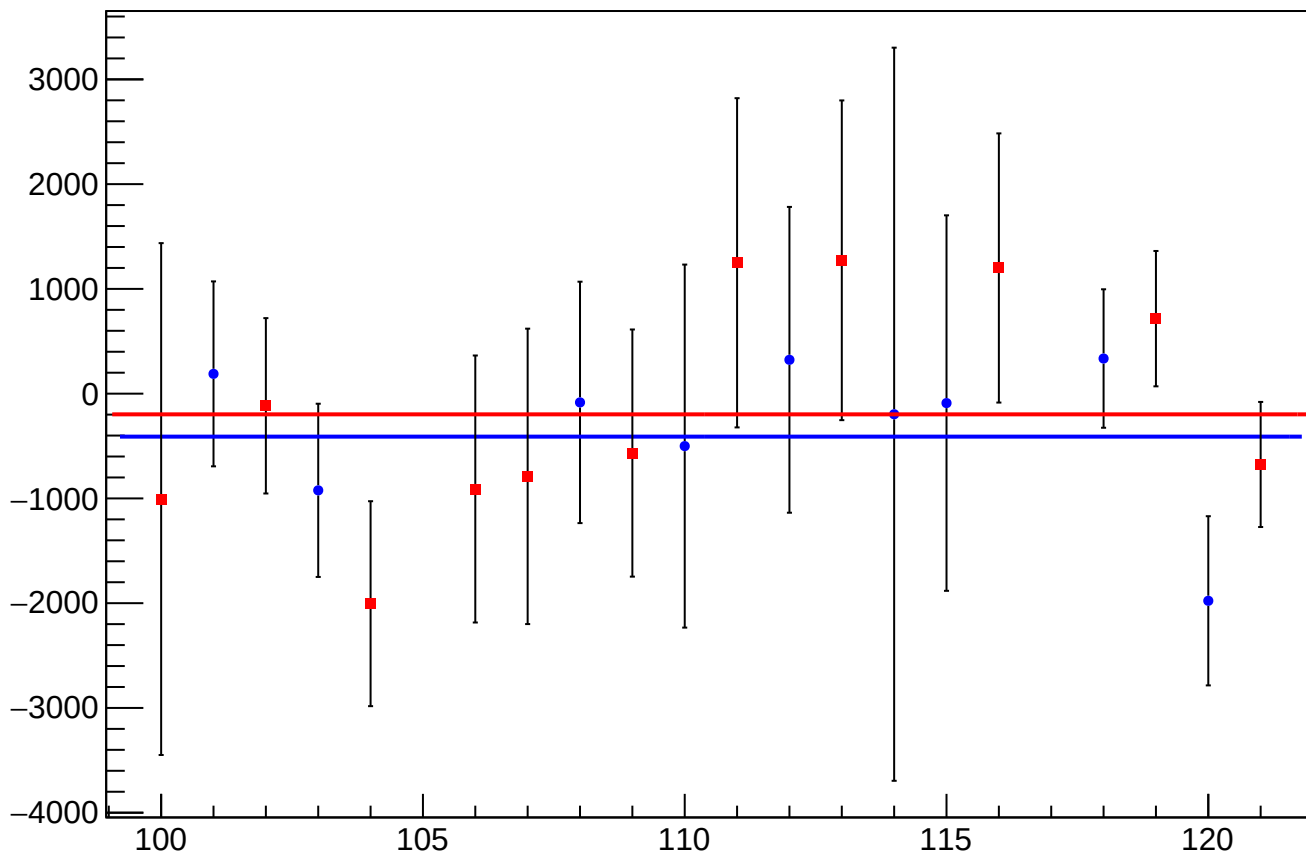
Right: 102.566+/-0.027 χ^2/NDF : 1378336.1/19

In: 104.677+/-0.040 χ^2/NDF : 624577.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.566+/-0.027 χ^2/NDF : 1378336.1/19

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -197.491+/-299.884 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

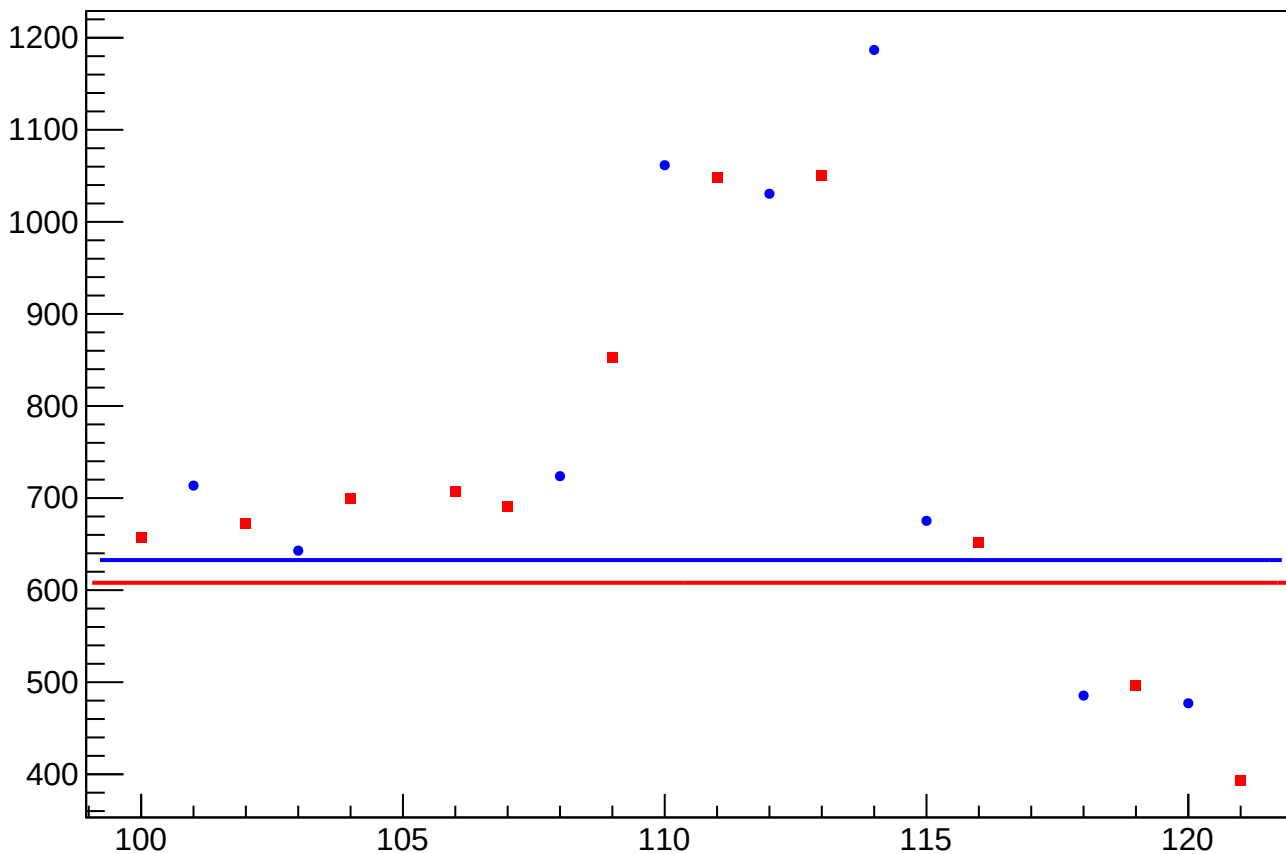
Right: -289.761+/-225.657 χ^2/NDF : 16.2/19

In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.761+/-225.657 χ^2/NDF : 16.2/19

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 632.669+/-0.242 χ^2/NDF : 525504.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.987+/-0.212 χ^2/NDF : 780385.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

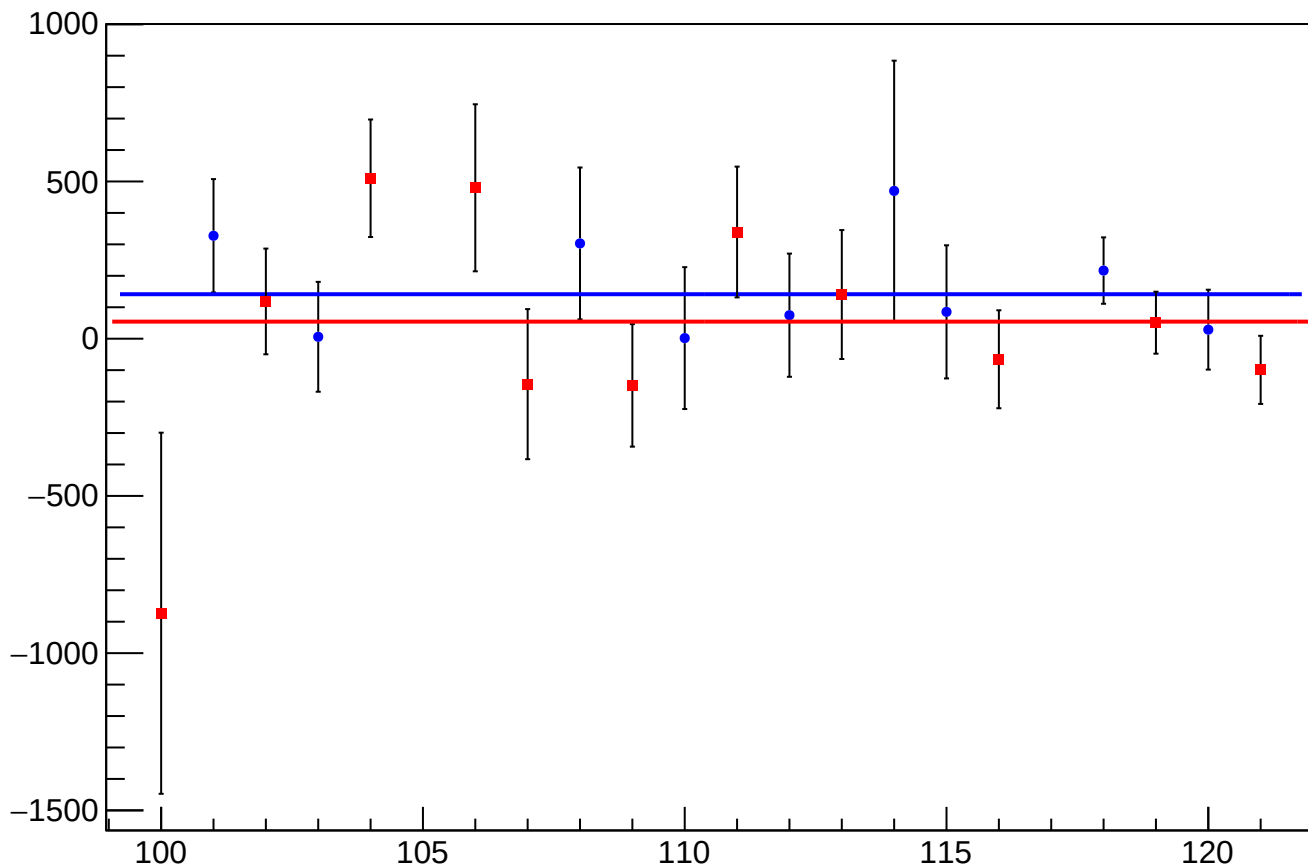
Right: 618.693+/-0.160 χ^2/NDF : 1311767.0/19

In: 632.669+/-0.242 χ^2/NDF : 525504.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.693+/-0.160 χ^2/NDF : 1311767.0/19

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 141.446 $\pm$ 57.145 χ^2 /NDF: 4.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.284 $\pm$ 49.909 χ^2 /NDF: 17.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

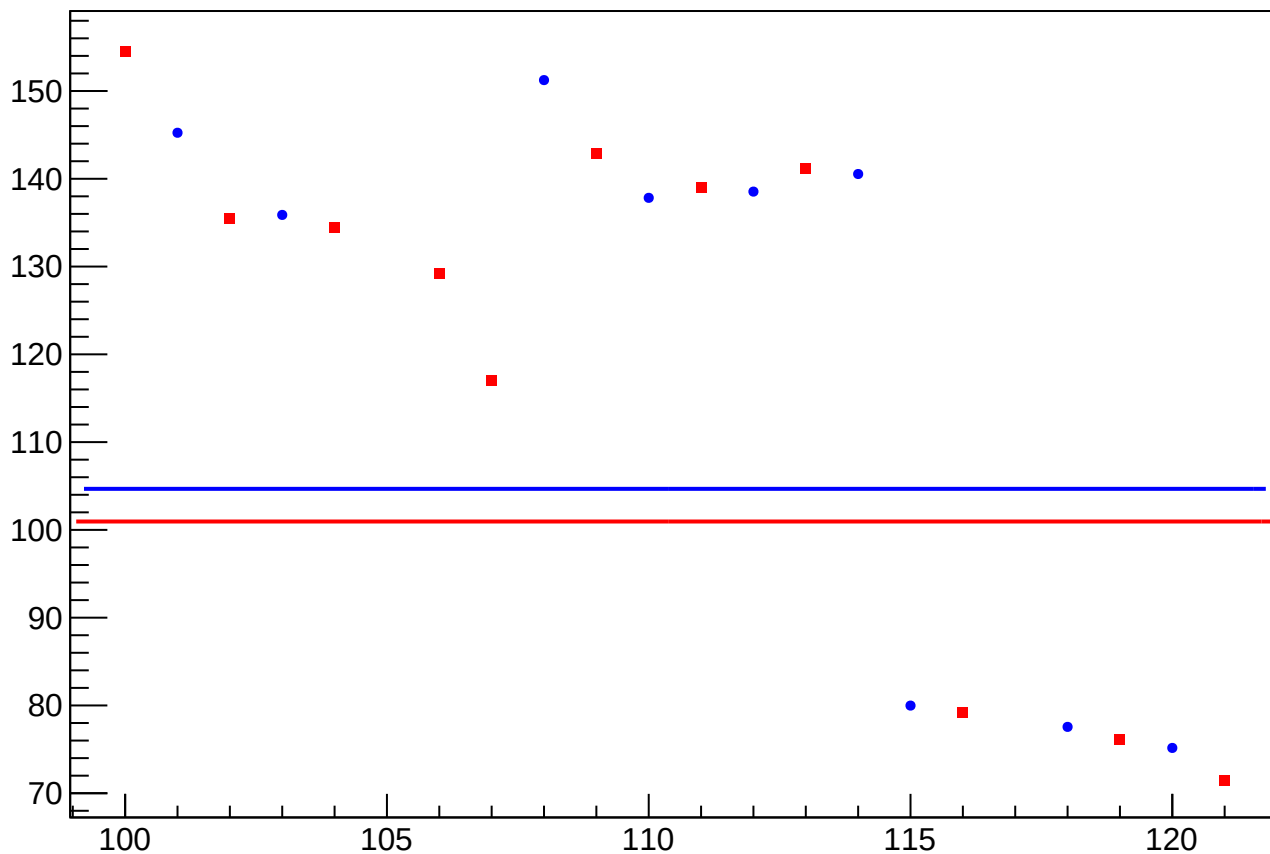
Right: 92.000 $\pm$ 37.590 χ^2 /NDF: 23.6/19

In: 141.446 $\pm$ 57.145 χ^2 /NDF:4.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.000 $\pm$ 37.590 χ^2 /NDF: 23.6/19

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 104.677 ± 0.040 χ^2/NDF : 624578.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 100.956 ± 0.035 χ^2/NDF : 748949.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

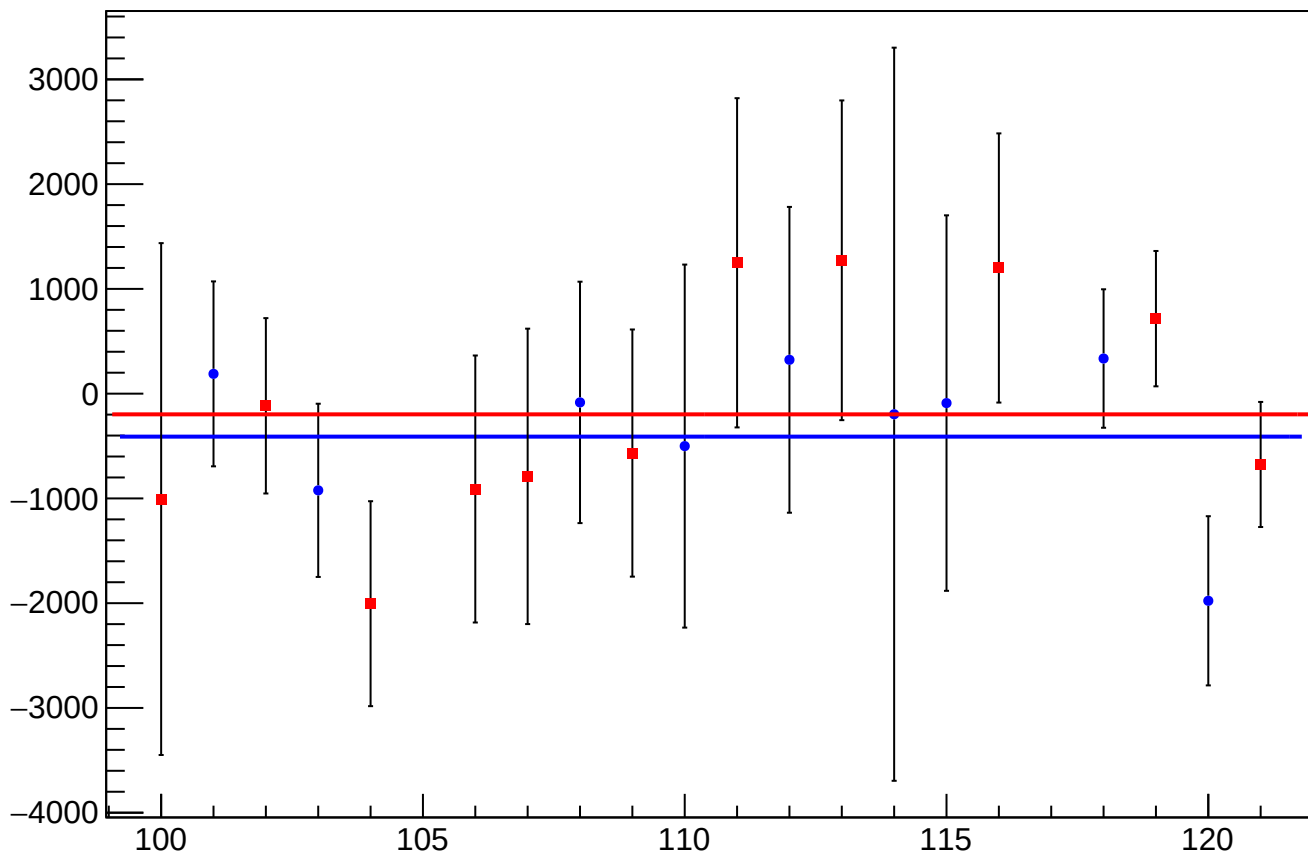
Right: 102.566 ± 0.027 χ^2/NDF : 1378338.3/19

In: 104.677 ± 0.040 χ^2/NDF : 624578.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 102.566 ± 0.027 χ^2/NDF : 1378338.3/19

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -197.491+/-299.883 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

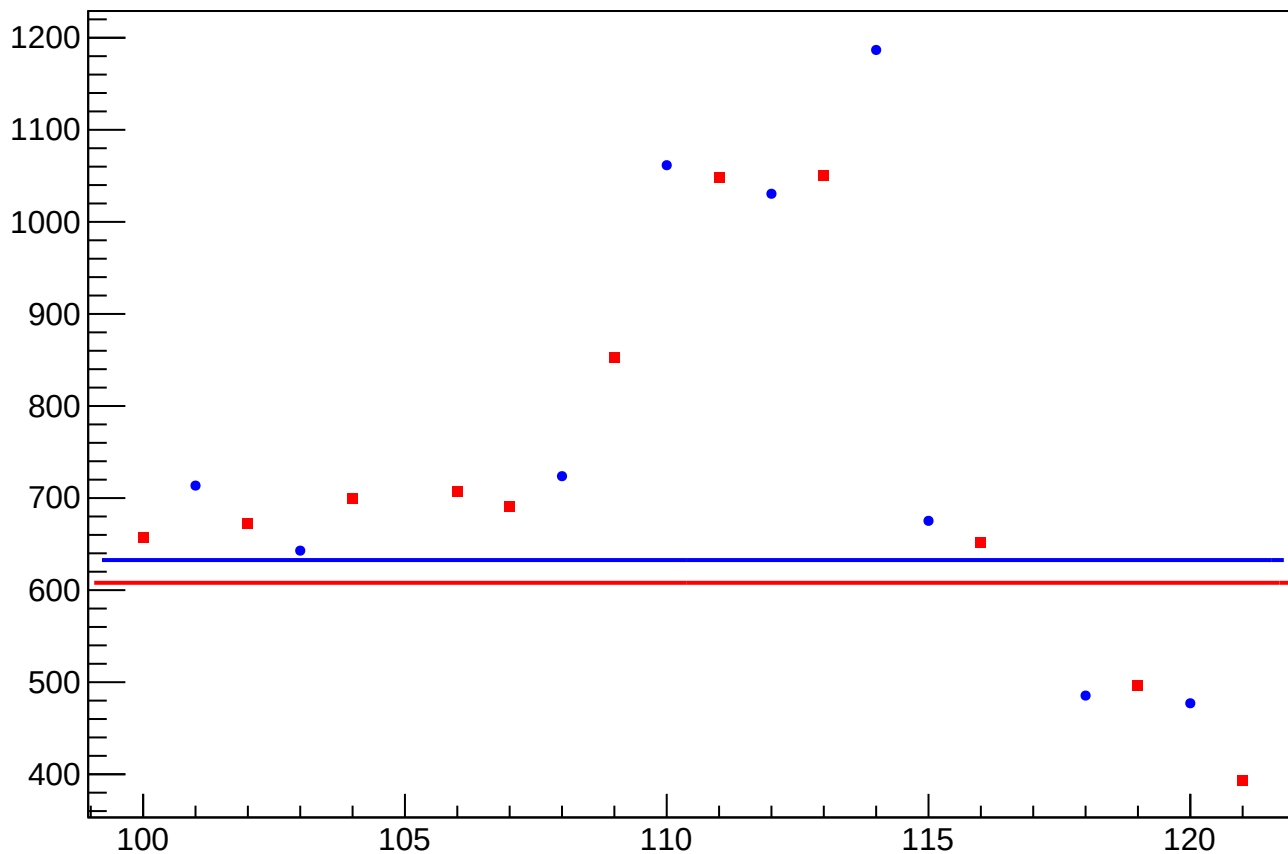
Right: -289.761+/-225.656 χ^2/NDF : 16.2/19

In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.761+/-225.656 χ^2/NDF : 16.2/19

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 632.668 $\pm$ 0.242 χ^2 /NDF: 525505.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 607.986 $\pm$ 0.212 χ^2 /NDF: 780387.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

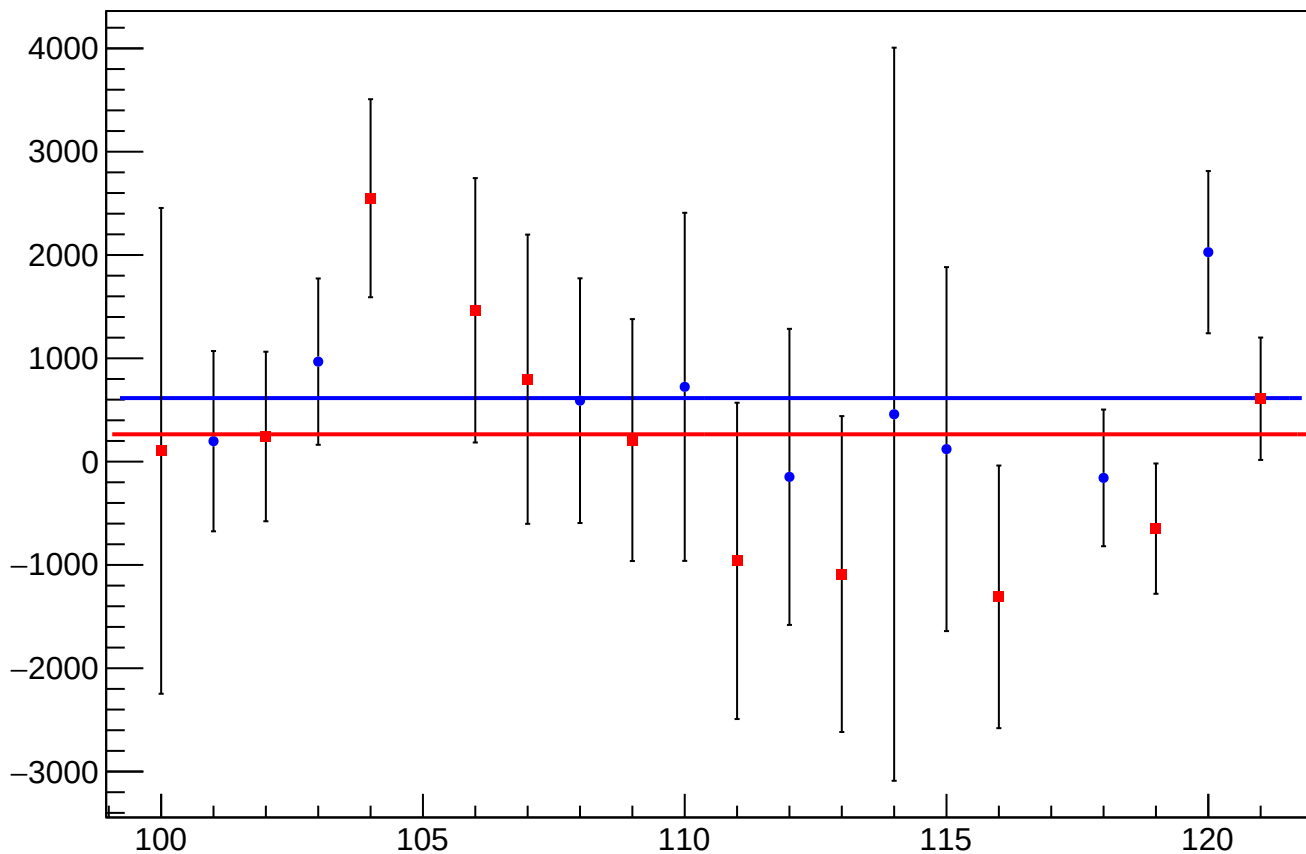
Right: 618.692 $\pm$ 0.160 χ^2 /NDF: 1311770.2/19

In: 632.668 $\pm$ 0.242 χ^2 /NDF:525505.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 618.692 $\pm$ 0.160 χ^2 /NDF: 1311770.2/19

asym_sam1_mean vs Slug, Sign Corrected



Right In: 615.009+/-338.676 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.527+/-295.628 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

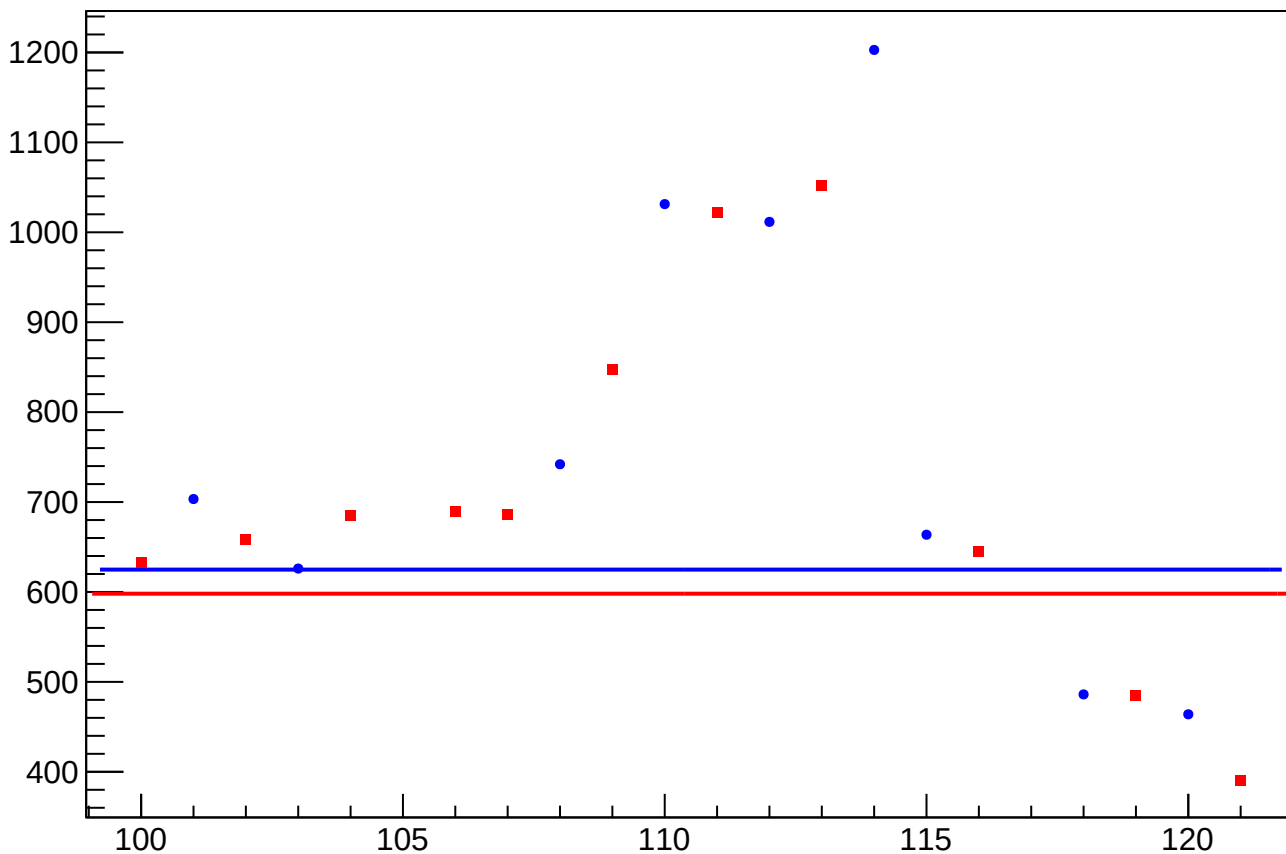
Right: 416.091+/-222.715 χ^2/NDF : 18.1/19

In: 615.009+/-338.676 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.091+/-222.715 χ^2/NDF : 18.1/19

asym_sam1_rms vs Slug, Sign Corrected



Right In: 624.879+/-0.239 χ^2/NDF : 523938.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.073+/-0.209 χ^2/NDF : 779090.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

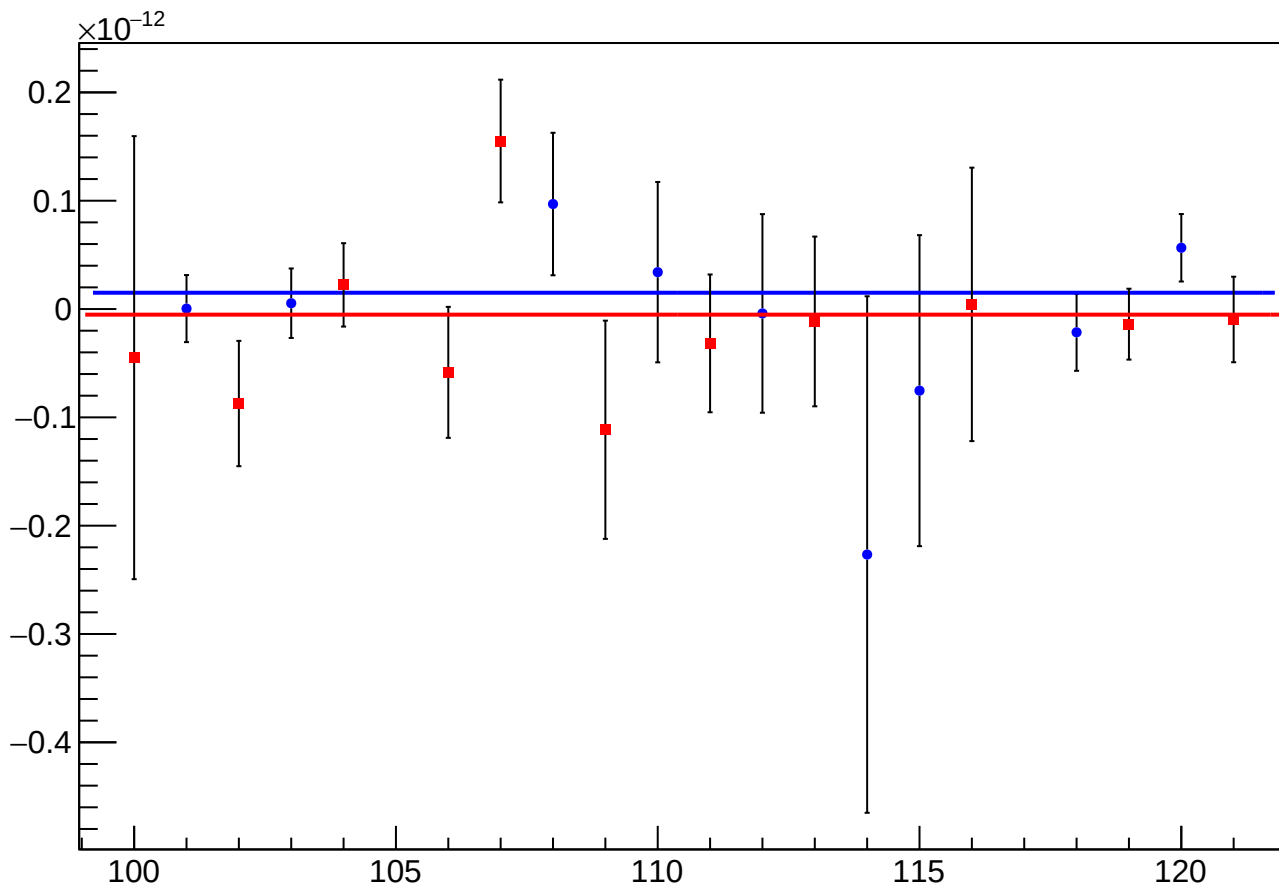
Right: 609.665+/-0.157 χ^2/NDF : 1310140.8/19

In: 624.879+/-0.239 χ^2/NDF : 523938.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.665+/-0.157 χ^2/NDF : 1310140.8/19

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

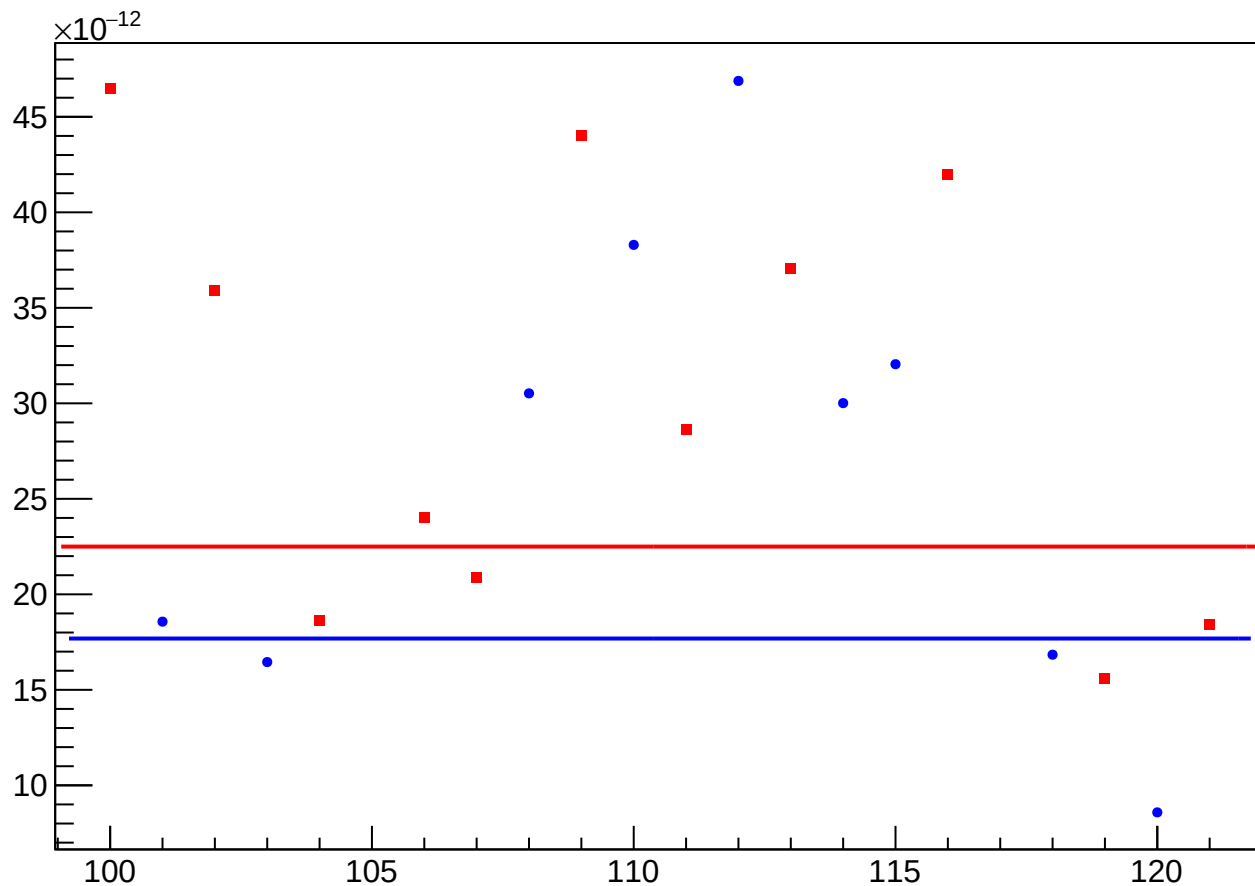
Right: 0.000+/-0.000 χ^2/NDF : 19.8/19

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/19

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 603459.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 495795.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

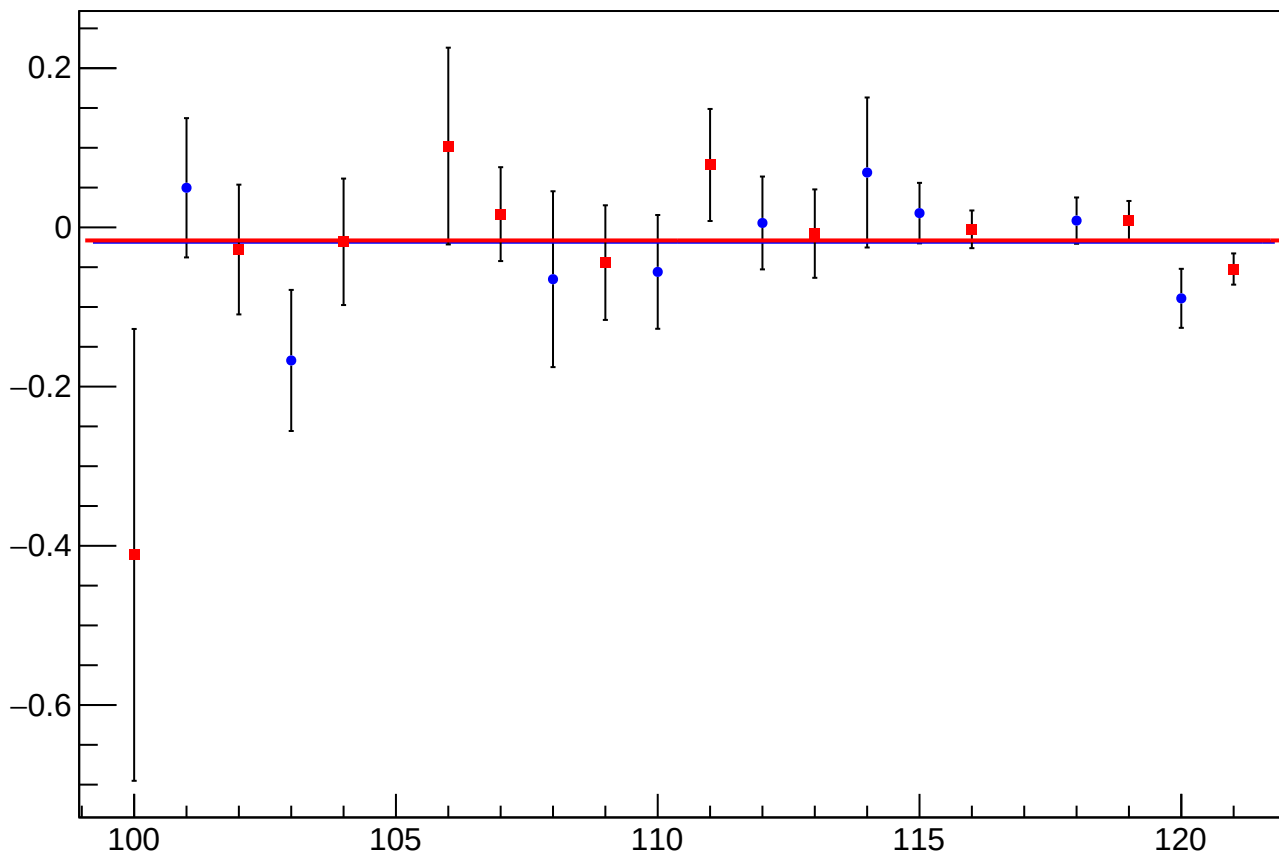
Right: 0.000+/-0.000 χ^2/NDF : 1192776.6/19

In: 0.000+/-0.000 χ^2/NDF :603459.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1192776.6/19

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.012 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

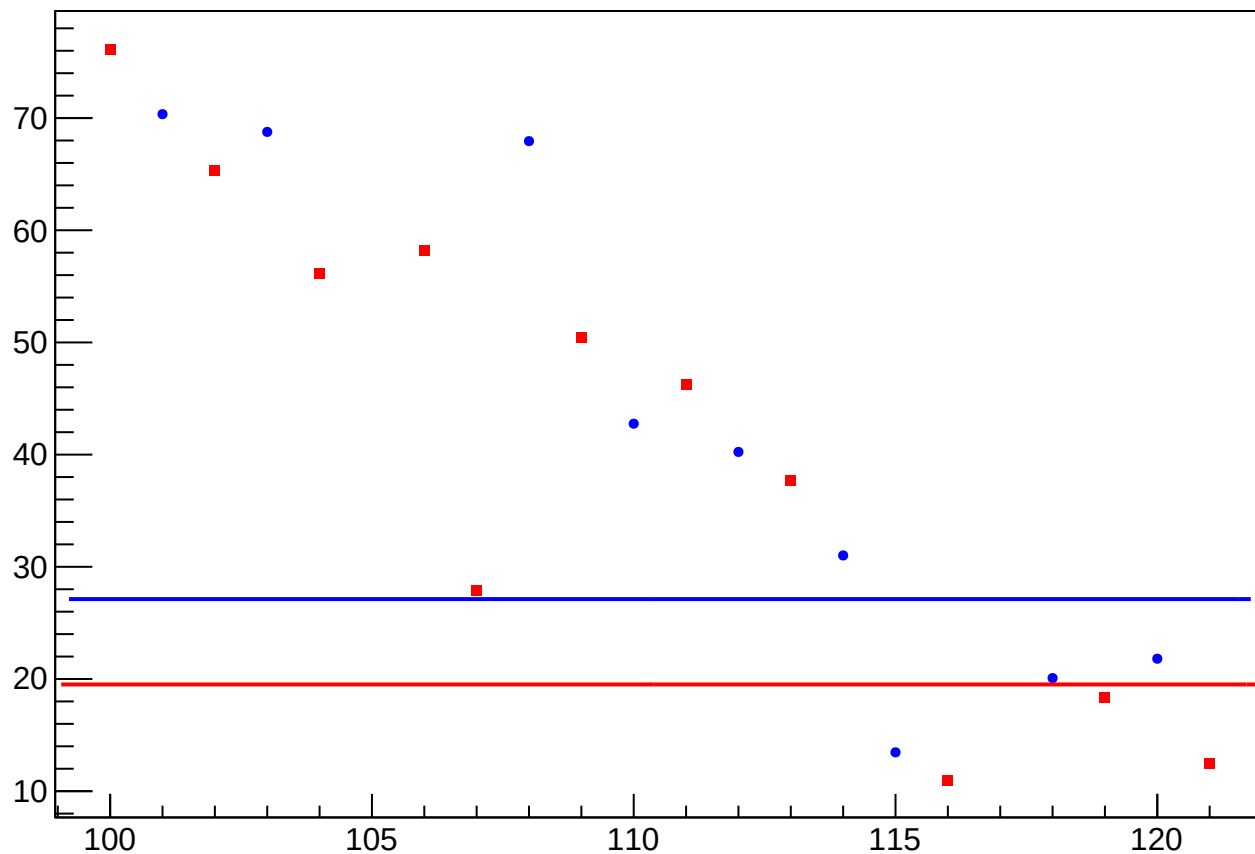
Right: -0.017+/-0.010 χ^2/NDF : 20.2/19

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.010 χ^2/NDF : 20.2/19

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.513+/-0.008 χ^2/NDF : 2772084.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

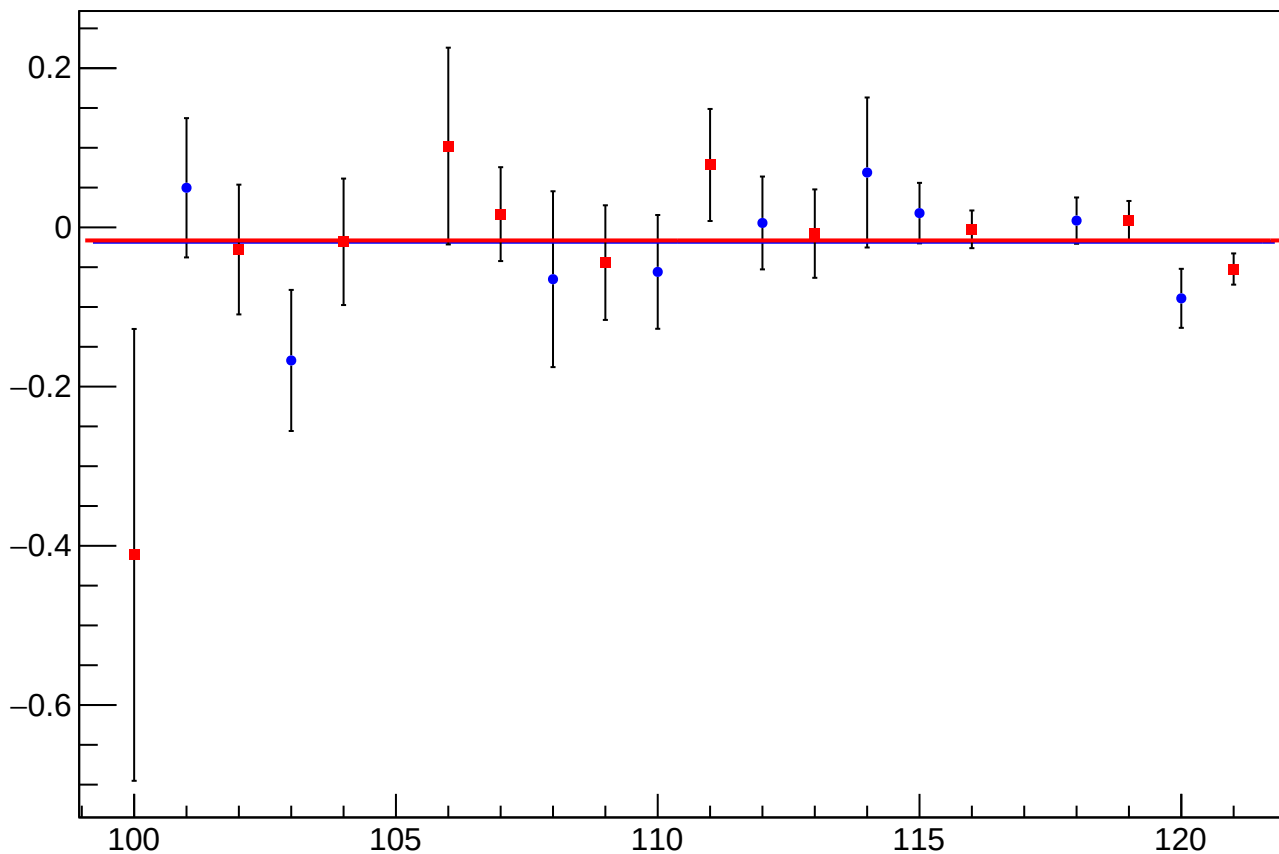
Right: 21.969+/-0.007 χ^2/NDF : 4870478.3/19

In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-0.007 χ^2/NDF : 4870478.3/19

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.012 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

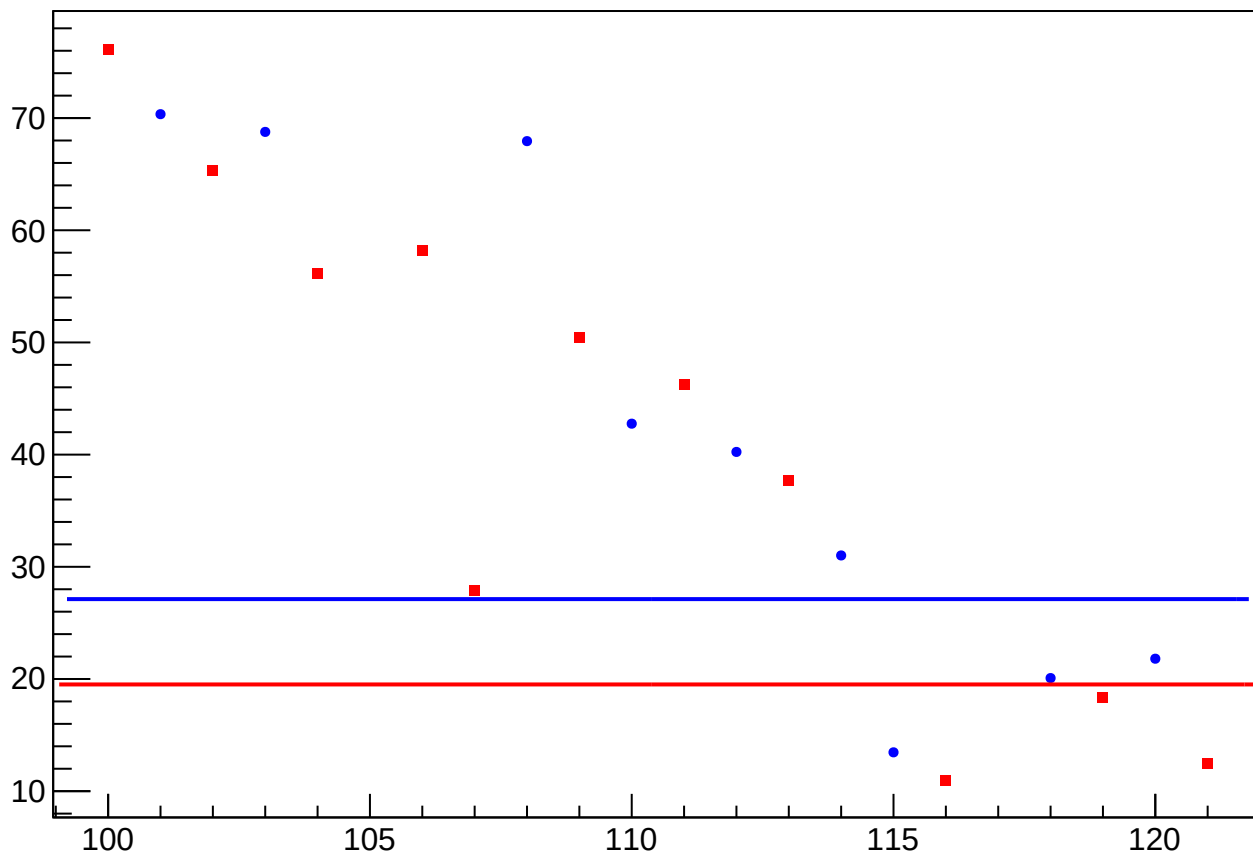
Right: -0.017+/-0.010 χ^2/NDF : 20.2/19

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.010 χ^2/NDF : 20.2/19

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.513+/-0.008 χ^2/NDF : 2772084.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

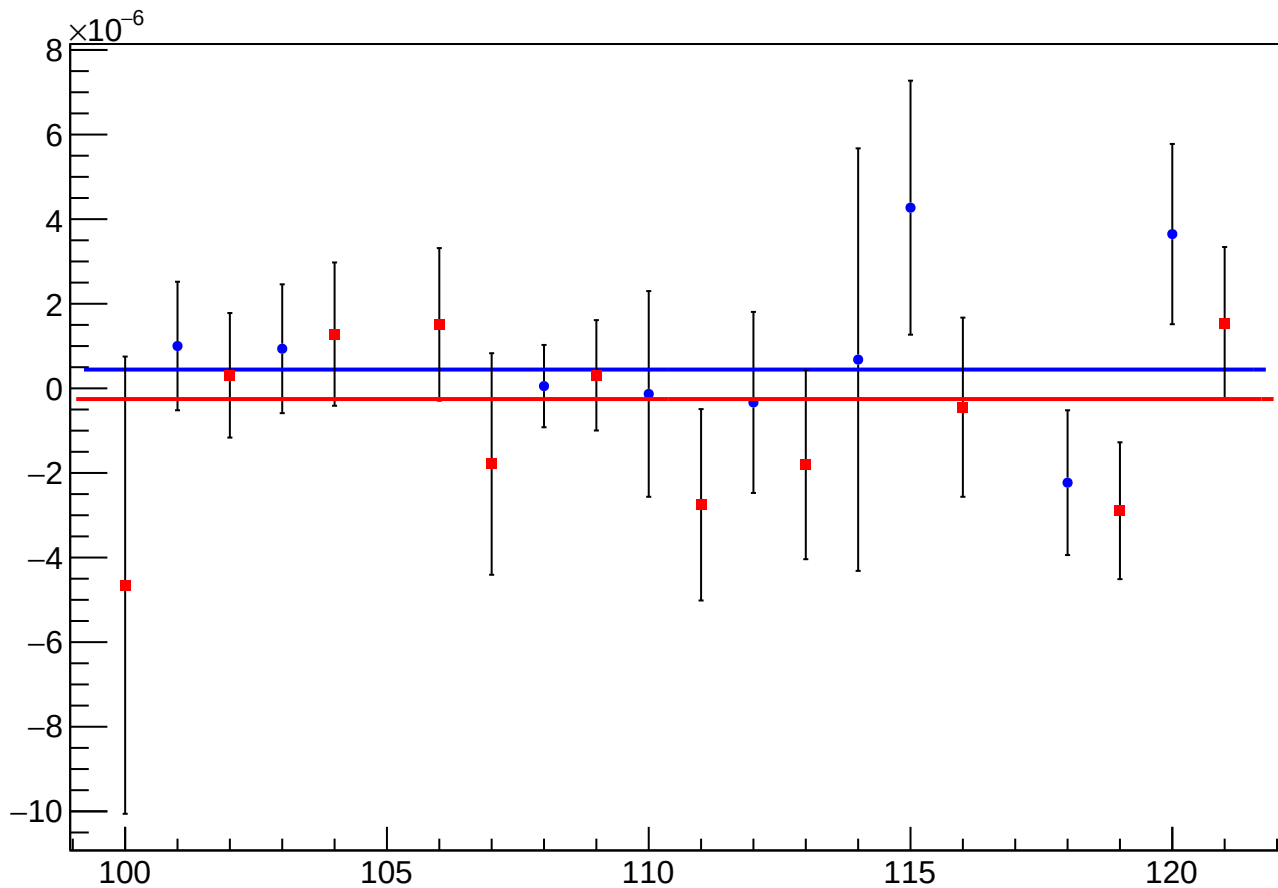
Right: 21.969+/-0.007 χ^2/NDF : 4870478.3/19

In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-0.007 χ^2/NDF : 4870478.3/19

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

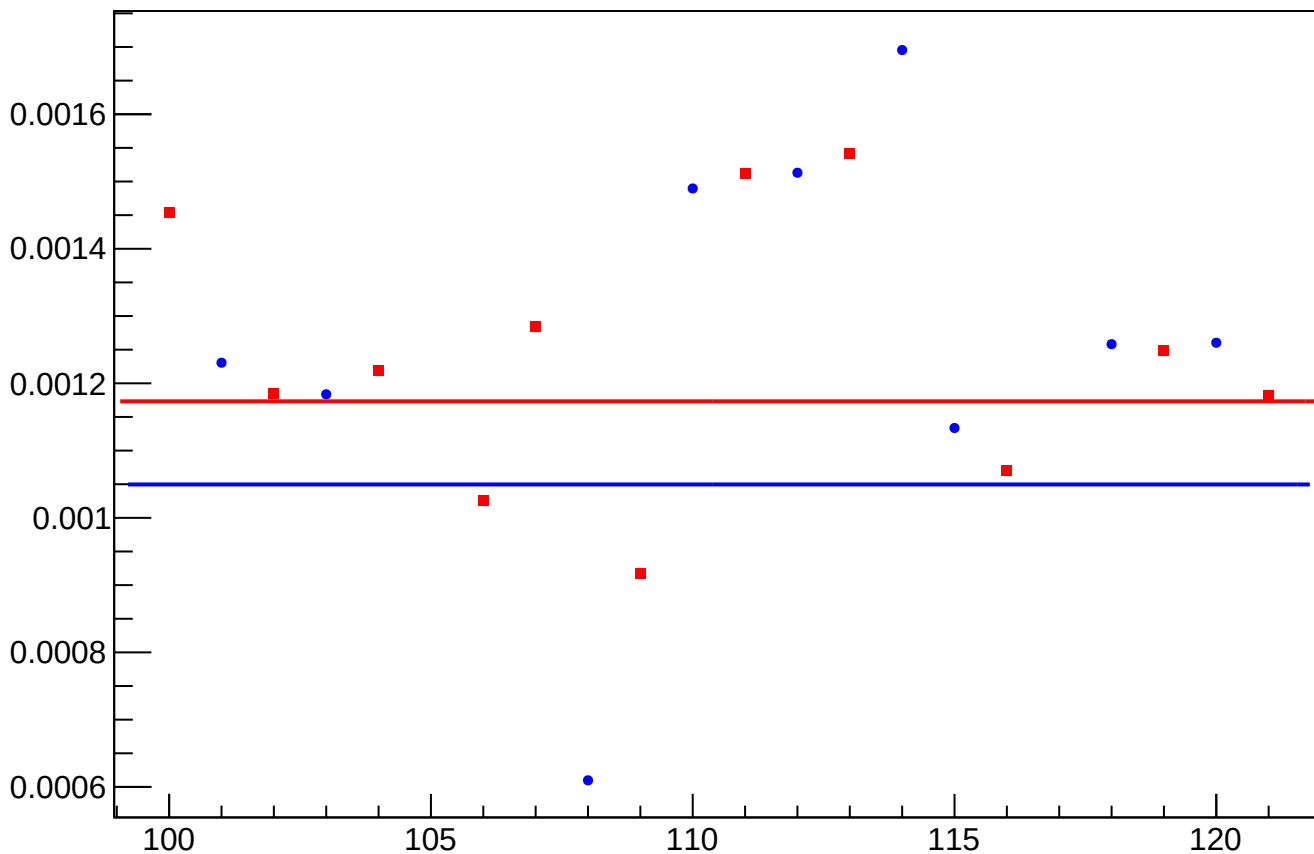
Right: 0.000+/-0.000 χ^2/NDF : 16.2/19

In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/19

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 696013.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 209354.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

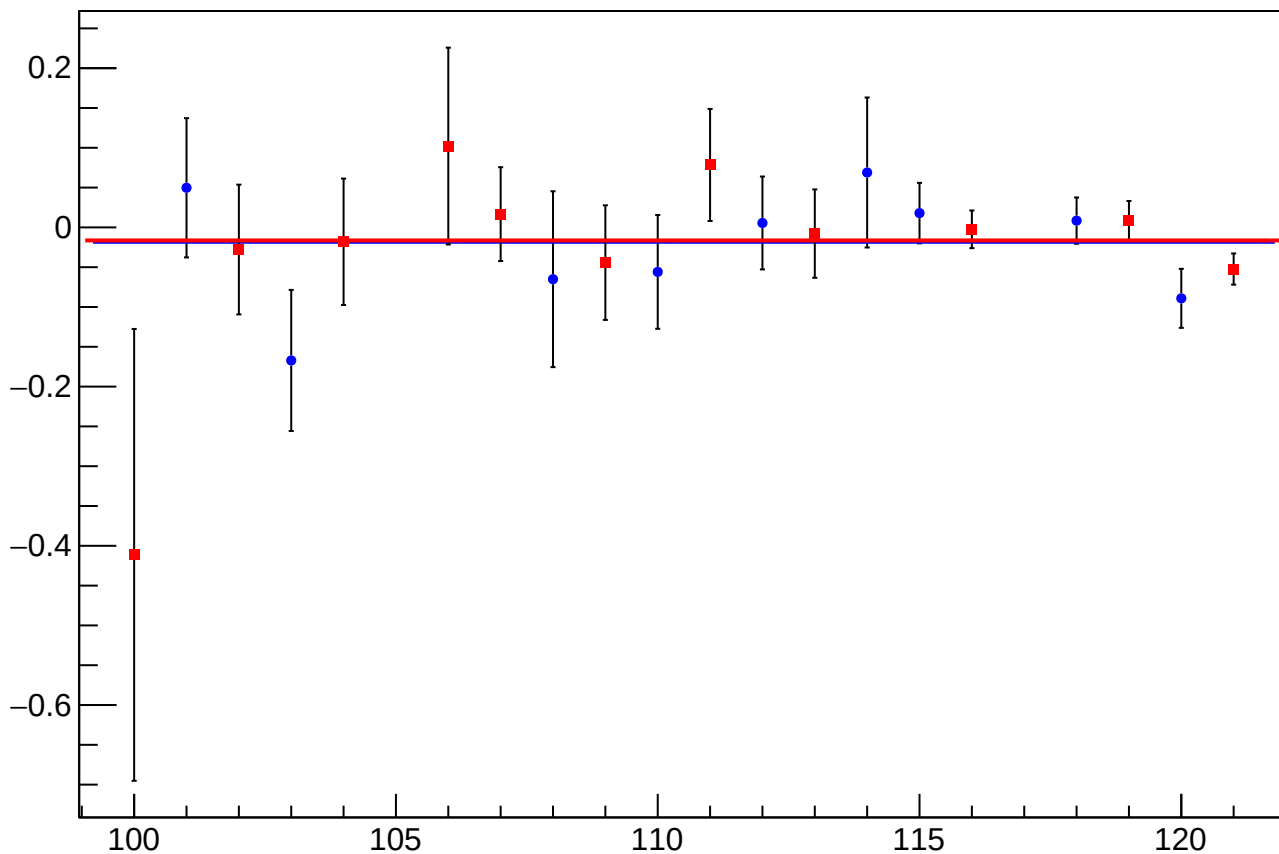
Right: 0.001+/-0.000 χ^2/NDF : 952798.2/19

In: 0.001+/-0.000 χ^2/NDF : 696013.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 952798.2/19

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.012 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

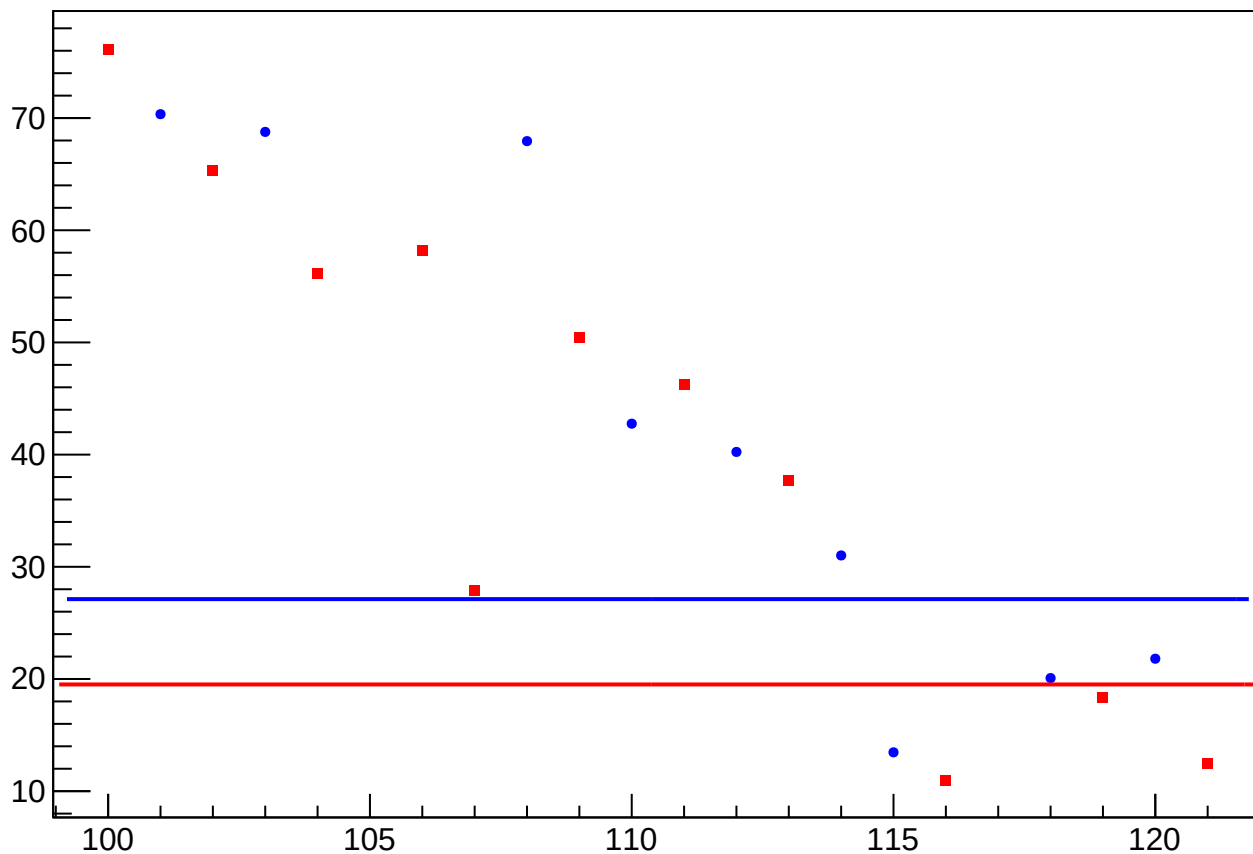
Right: -0.017+/-0.010 χ^2/NDF : 20.2/19

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.010 χ^2/NDF : 20.2/19

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.513+/-0.008 χ^2/NDF : 2772121.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

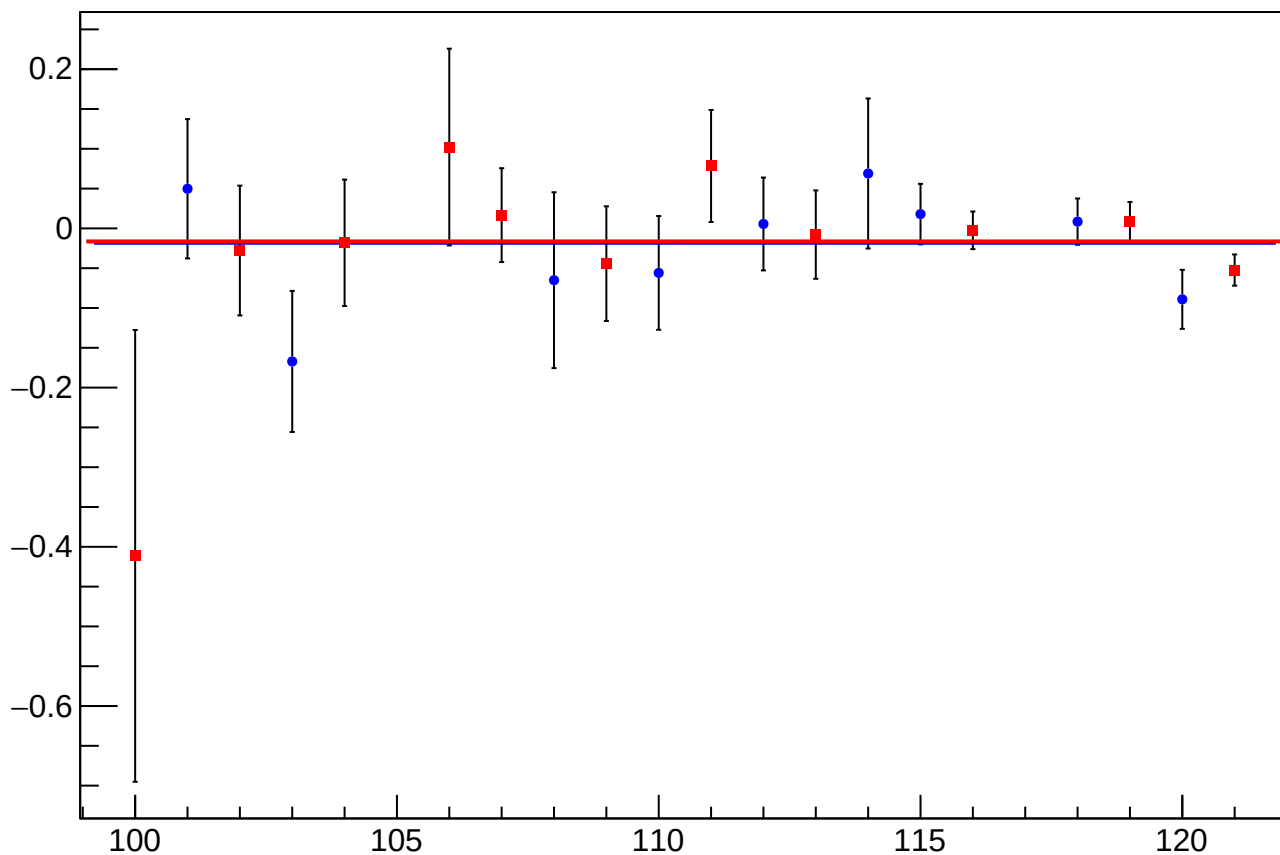
Right: 21.969+/-0.007 χ^2/NDF : 4870564.8/19

In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-0.007 χ^2/NDF : 4870564.8/19

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.017 $\chi^2/\text{NDF}: 10.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.016 ± 0.012 $\chi^2/\text{NDF}: 9.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

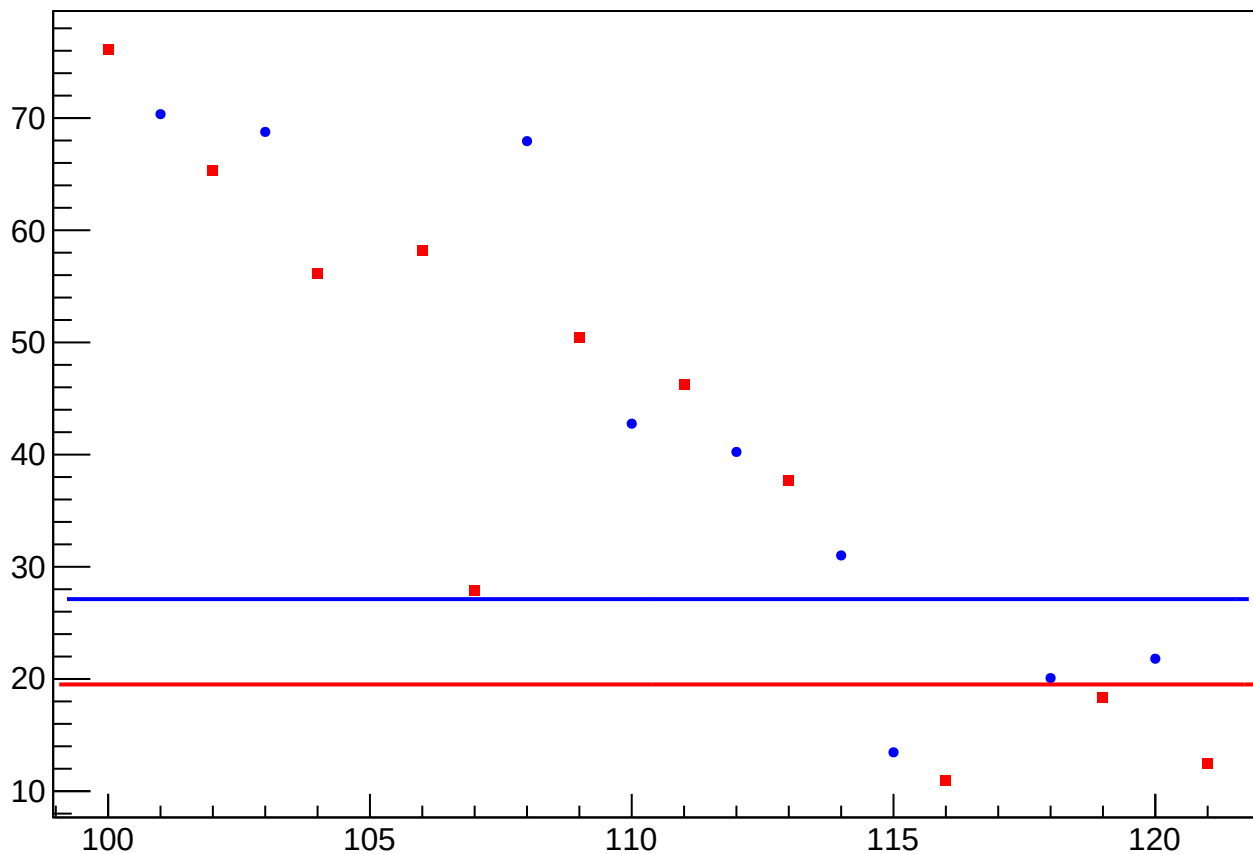
Right: -0.017 ± 0.010 $\chi^2/\text{NDF}: 20.2/19$

In: -0.018 ± 0.017 $\chi^2/\text{NDF}: 10.3/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.017 ± 0.010 $\chi^2/\text{NDF}: 20.2/19$

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.513+/-0.008 χ^2/NDF : 2772121.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

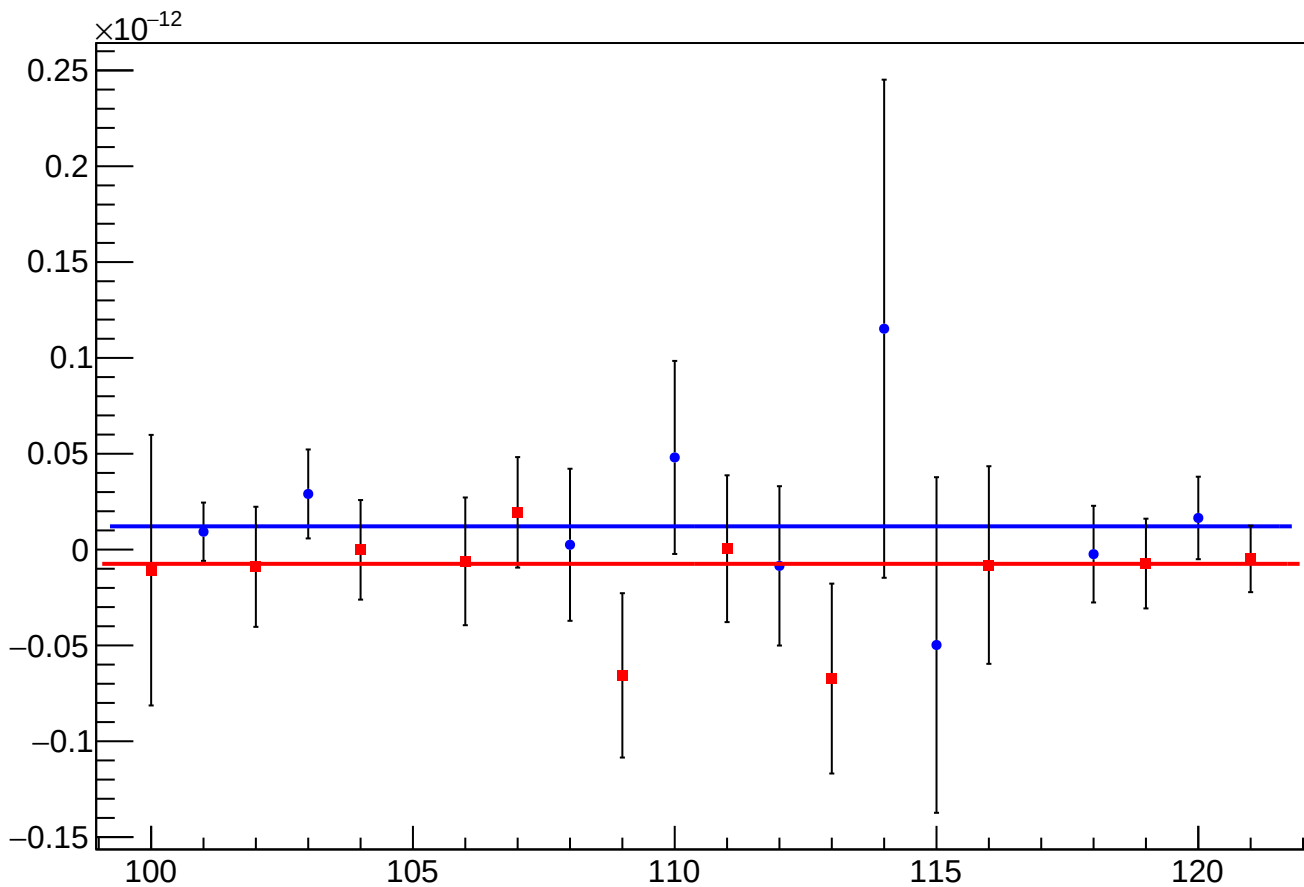
Right: 21.969+/-0.007 χ^2/NDF : 4870564.8/19

In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-0.007 χ^2/NDF : 4870564.8/19

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

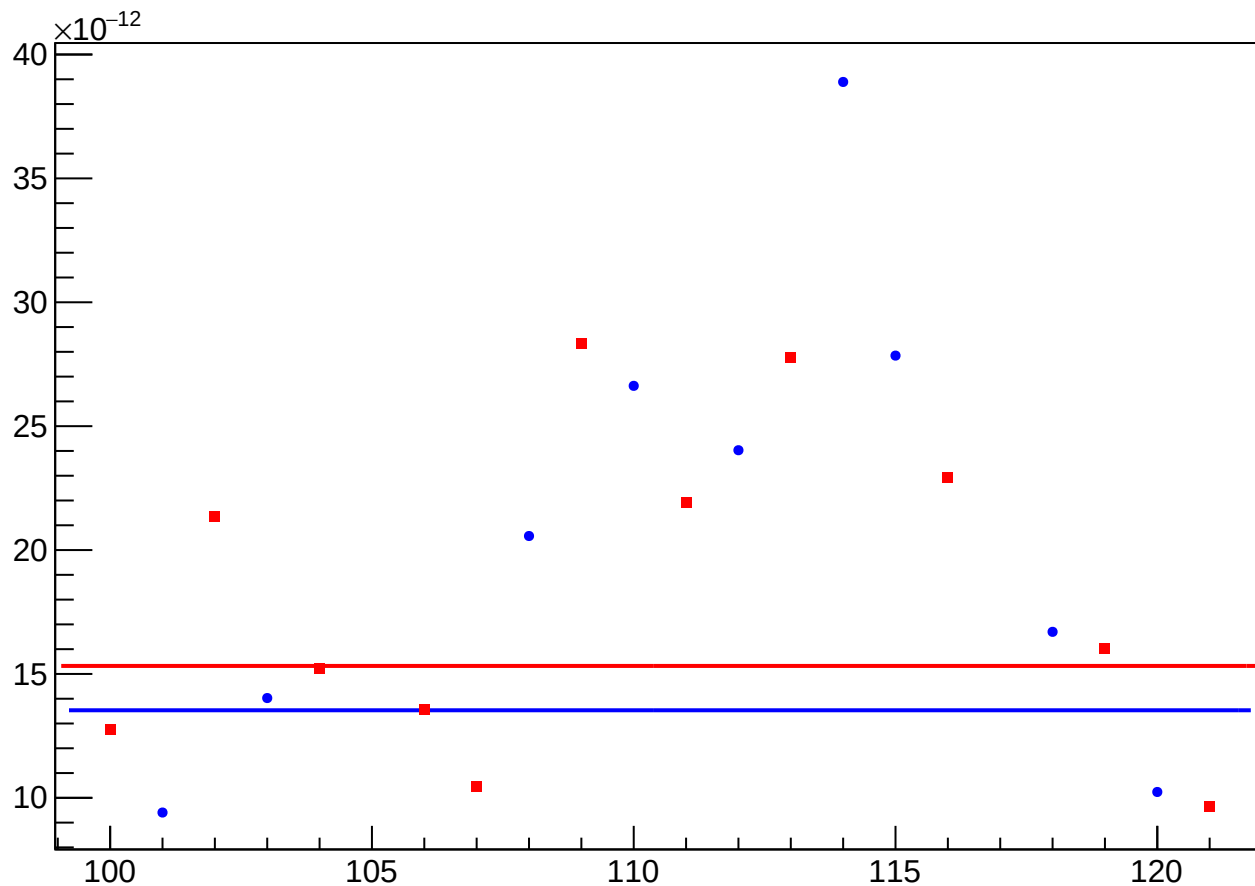
Right: 0.000+/-0.000 χ^2/NDF : 9.5/19

In: 0.000+/-0.000 χ^2/NDF : 2.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.5/19

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 681970.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 767205.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

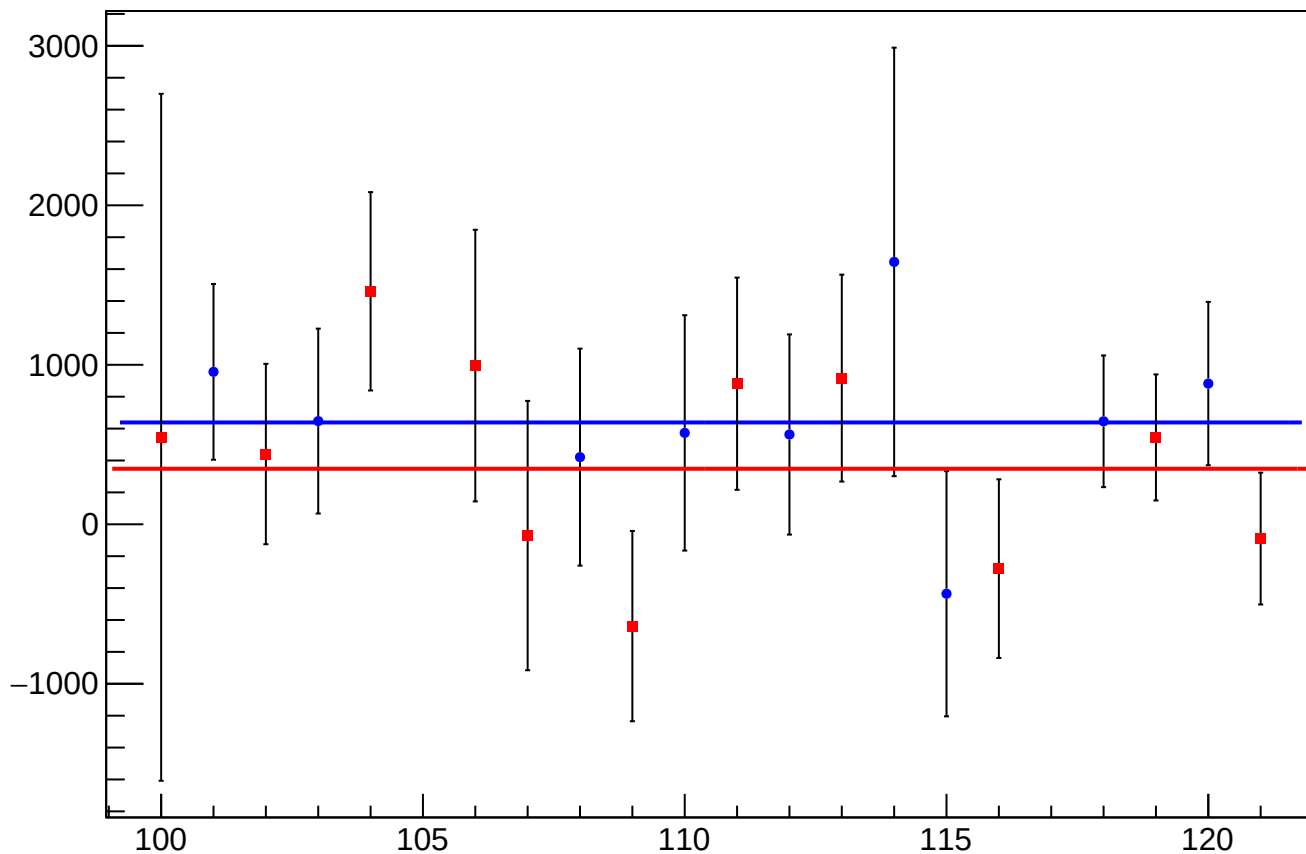
Right: 0.000+/-0.000 χ^2/NDF : 1487098.0/19

In: 0.000+/-0.000 χ^2/NDF : 681970.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1487098.0/19

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 638.533+/-201.100 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 348.039+/-177.904 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

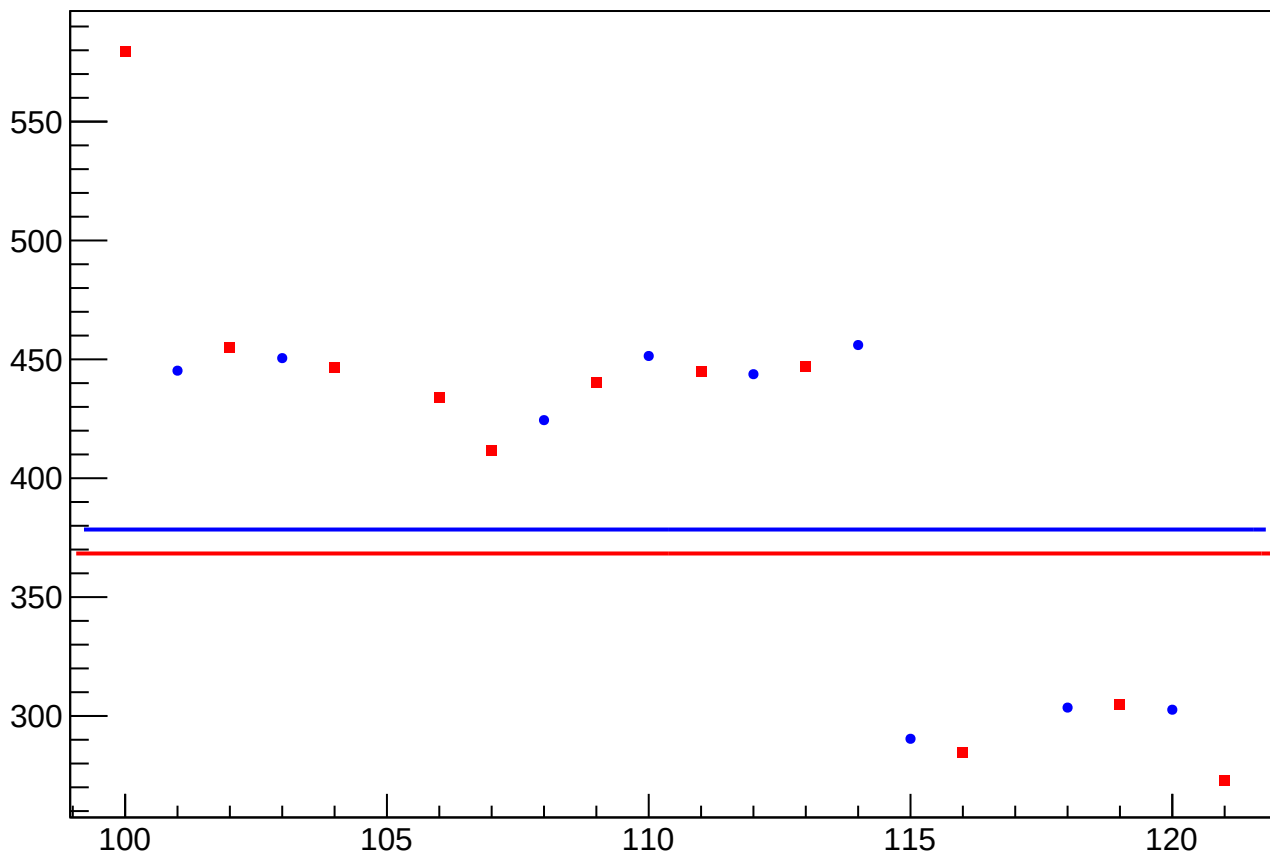
Right: 475.574+/-133.247 χ^2/NDF : 15.2/19

In: 638.533+/-201.100 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.574+/-133.247 χ^2/NDF : 15.2/19

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 378.423+/-0.142 χ^2/NDF : 253205.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.345+/-0.126 χ^2/NDF : 402664.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

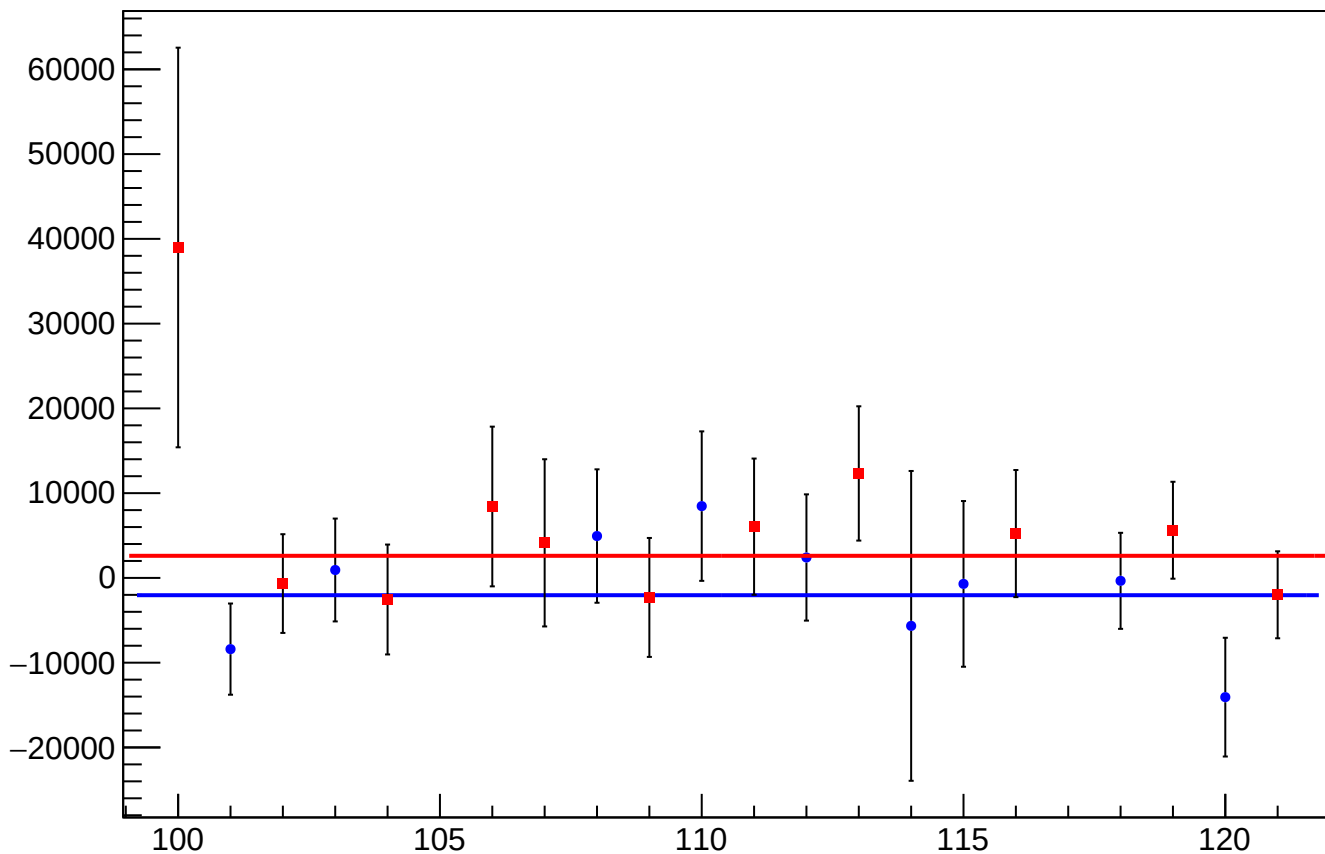
Right: 372.770+/-0.094 χ^2/NDF : 658688.4/19

In: 378.423+/-0.142 χ^2/NDF : 253205.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.770+/-0.094 χ^2/NDF : 658688.4/19

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2039.564+/-2399.005 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2608.524+/-2158.096 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

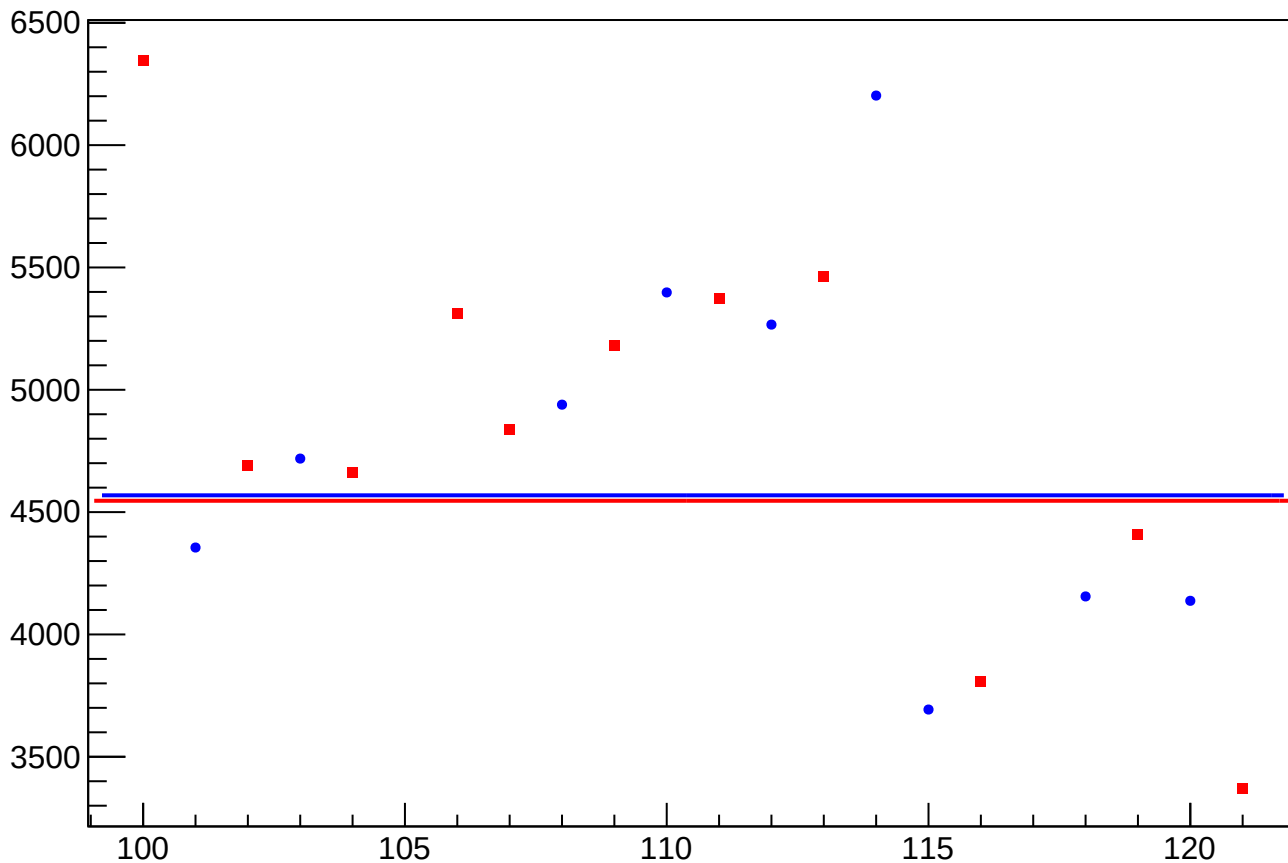
Right: 529.514+/-1604.435 χ^2/NDF : 16.5/19

In: -2039.564+/-2399.005 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.514+/-1604.435 χ^2/NDF : 16.5/19

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4568.650+/-1.696 χ^2/NDF : 94308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4546.396+/-1.526 χ^2/NDF : 218435.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

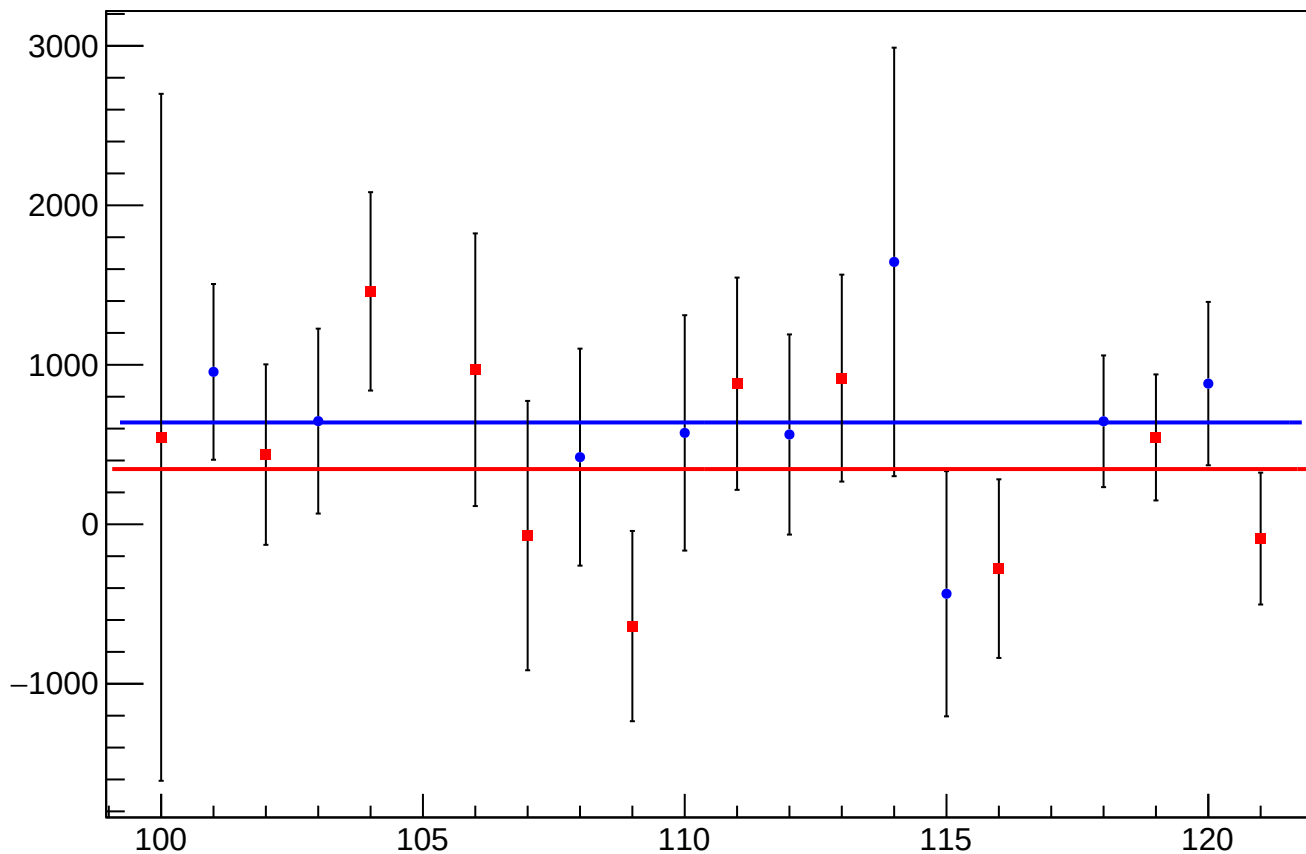
Right: 4556.350+/-1.135 χ^2/NDF : 312839.4/19

In: 4568.650+/-1.696 χ^2/NDF : 94308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4556.350+/-1.135 χ^2/NDF : 312839.4/19

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 638.552 $\pm$ 201.100 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 346.319 $\pm$ 177.941 χ^2 /NDF: 10.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

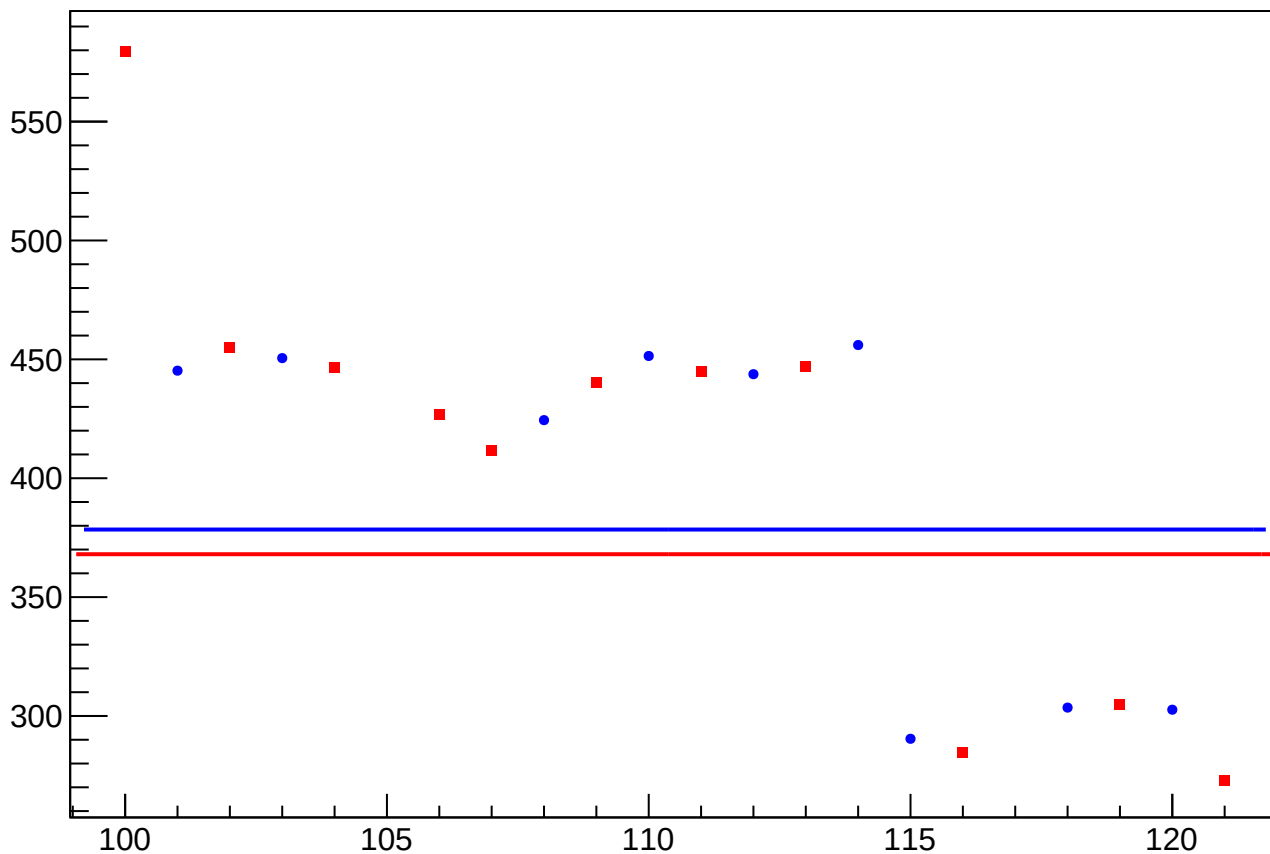
Right: 474.646 $\pm$ 133.262 χ^2 /NDF: 15.1/19

In: 638.552 $\pm$ 201.100 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 474.646 $\pm$ 133.262 χ^2 /NDF: 15.1/19

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.040+/-0.126 χ^2/NDF : 400426.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

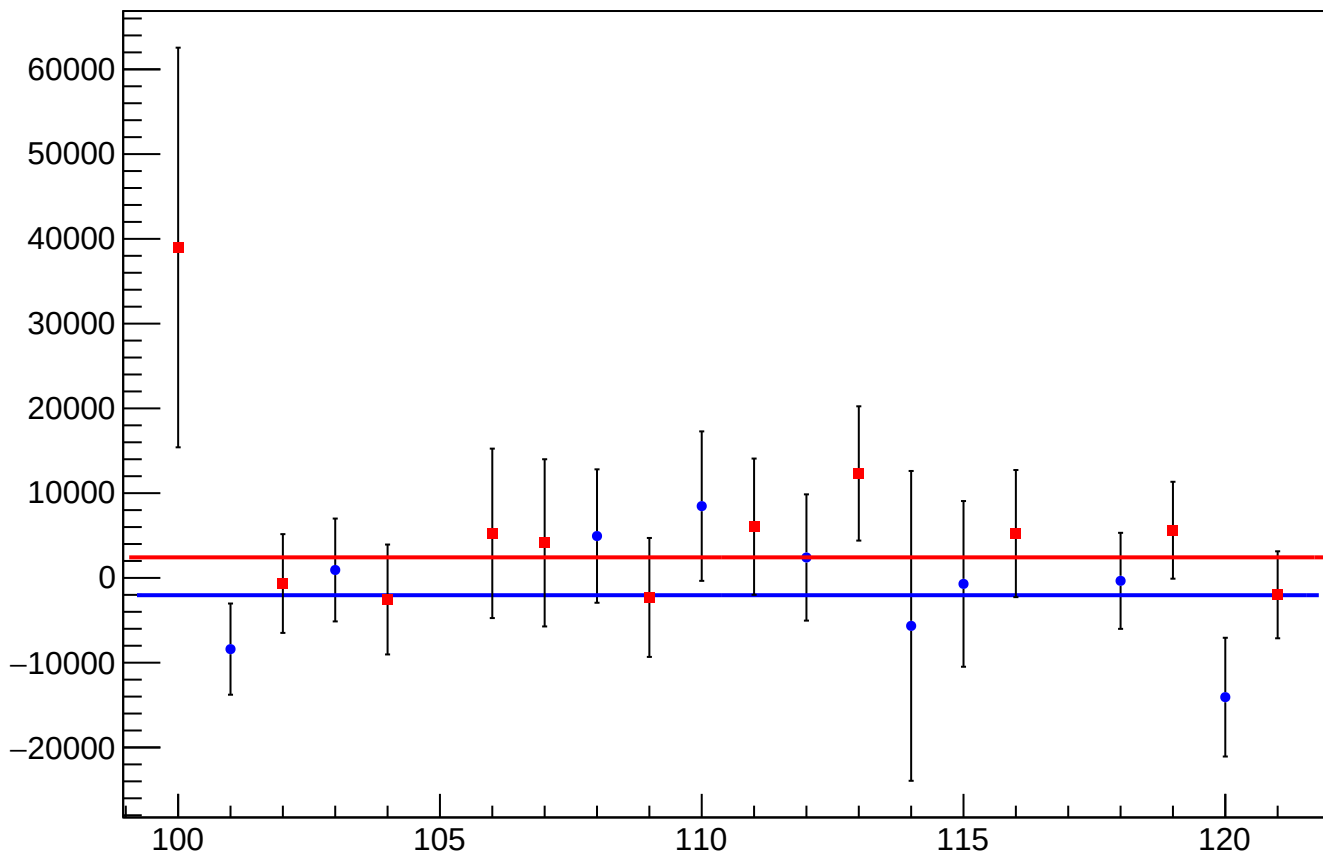
Right: 372.600+/-0.094 χ^2/NDF : 656623.1/19

In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.600+/-0.094 χ^2/NDF : 656623.1/19

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2039.276+/-2399.020 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.212+/-2164.591 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

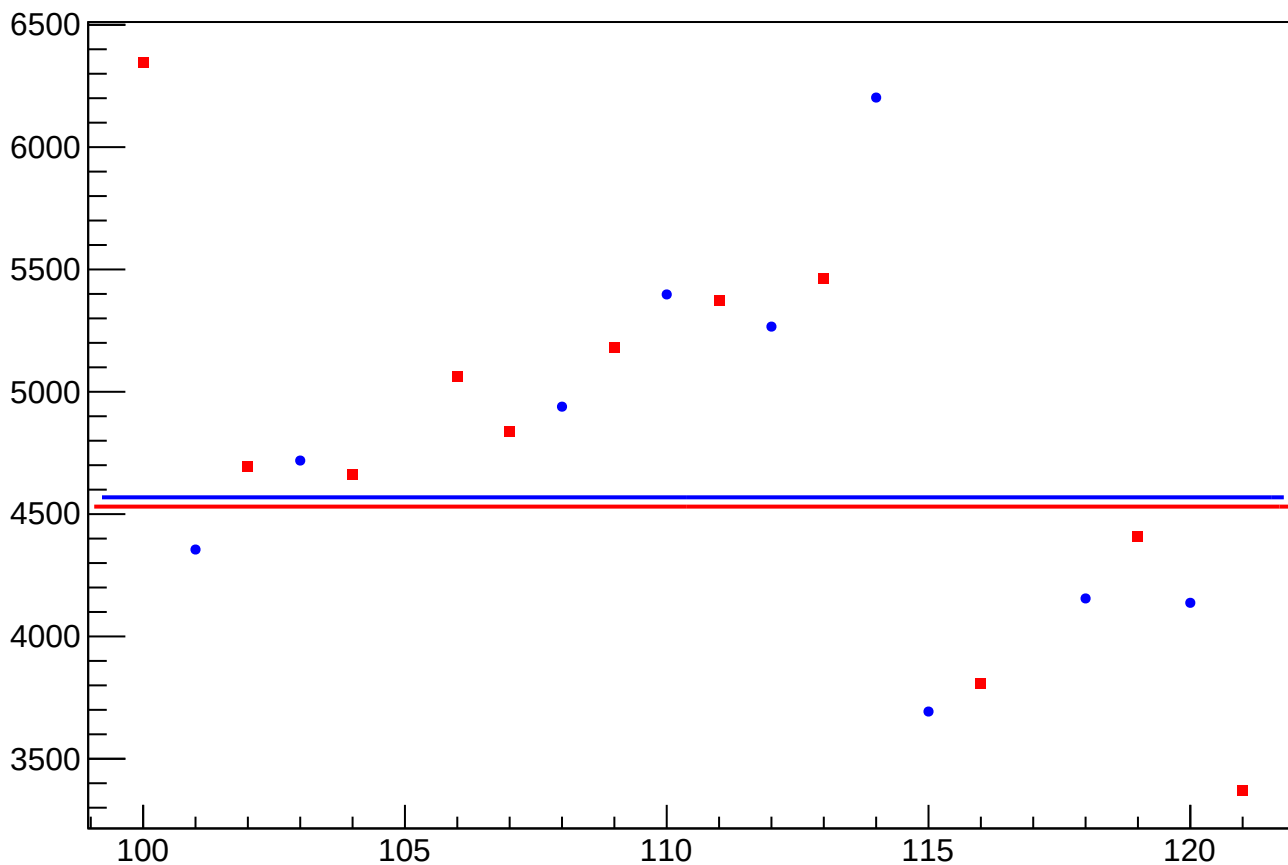
Right: 422.804+/-1607.103 χ^2/NDF : 16.0/19

In: -2039.276+/-2399.020 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.804+/-1607.103 χ^2/NDF : 16.0/19

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4530.685+/-1.531 χ^2/NDF : 210595.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

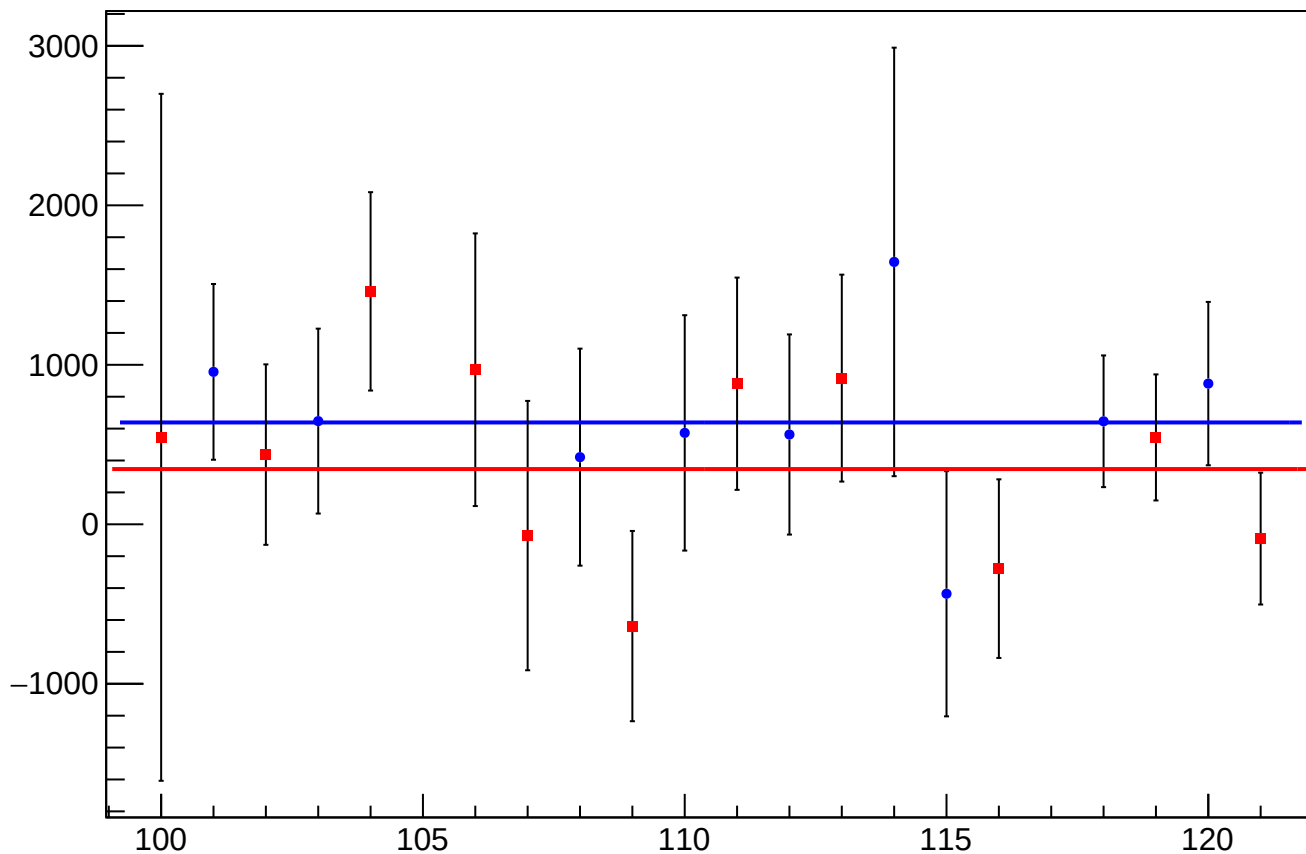
Right: 4547.734+/-1.136 χ^2/NDF : 305183.2/19

In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4547.734+/-1.136 χ^2/NDF : 305183.2/19

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 638.552+/-201.100 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.319+/-177.941 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

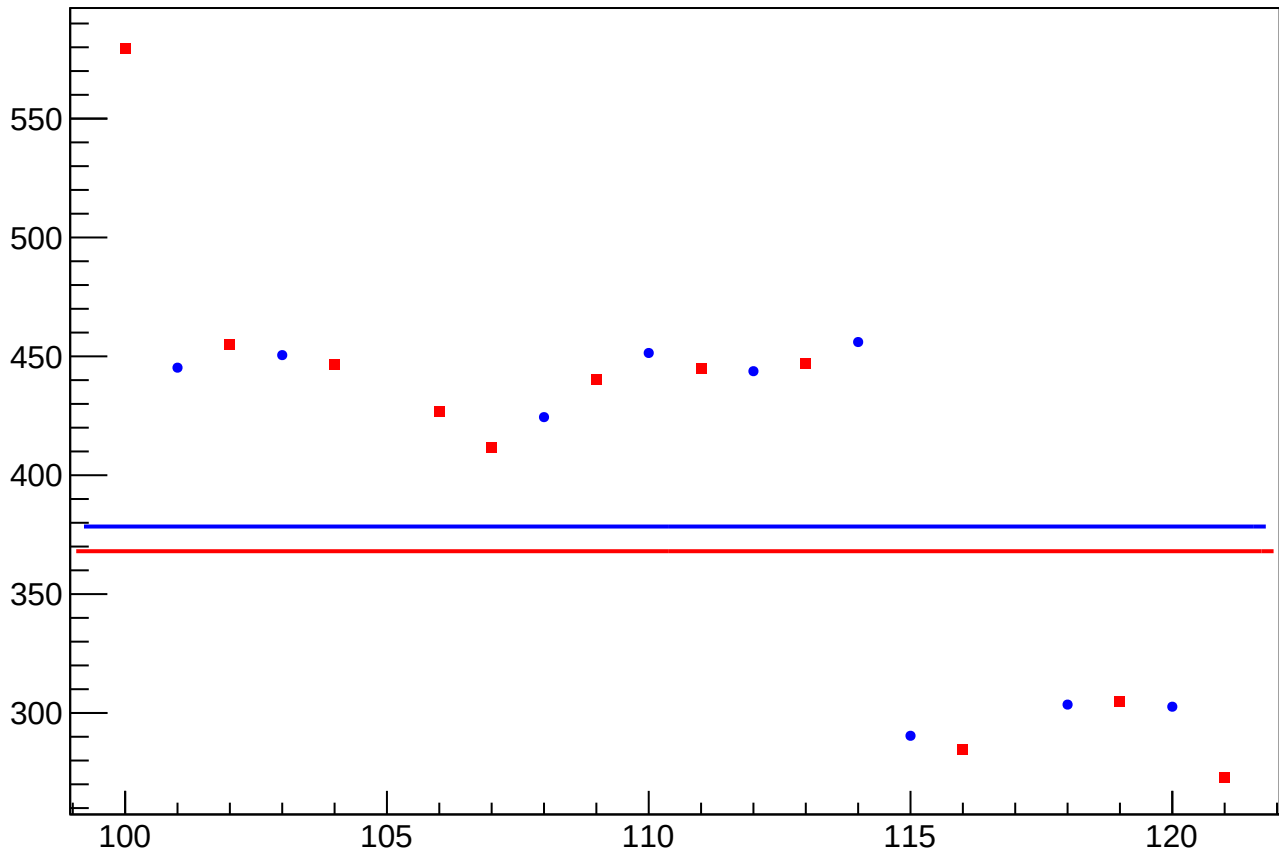
Right: 474.646+/-133.262 χ^2/NDF : 15.1/19

In: 638.552+/-201.100 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.646+/-133.262 χ^2/NDF : 15.1/19

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.040+/-0.126 χ^2/NDF : 400426.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

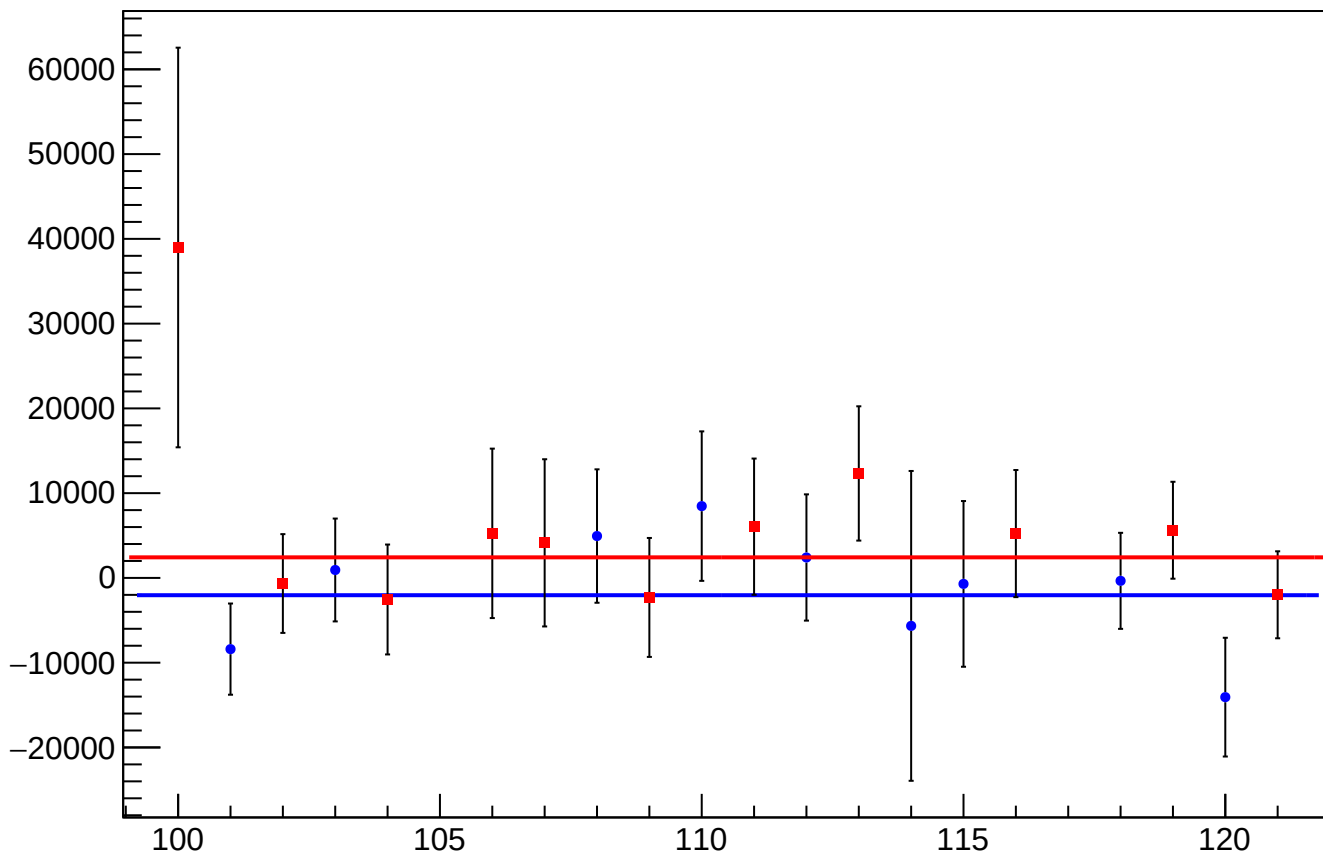
Right: 372.600+/-0.094 χ^2/NDF : 656623.1/19

In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.600+/-0.094 χ^2/NDF : 656623.1/19

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2399.276+/-2399.020 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.212+/-2164.591 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

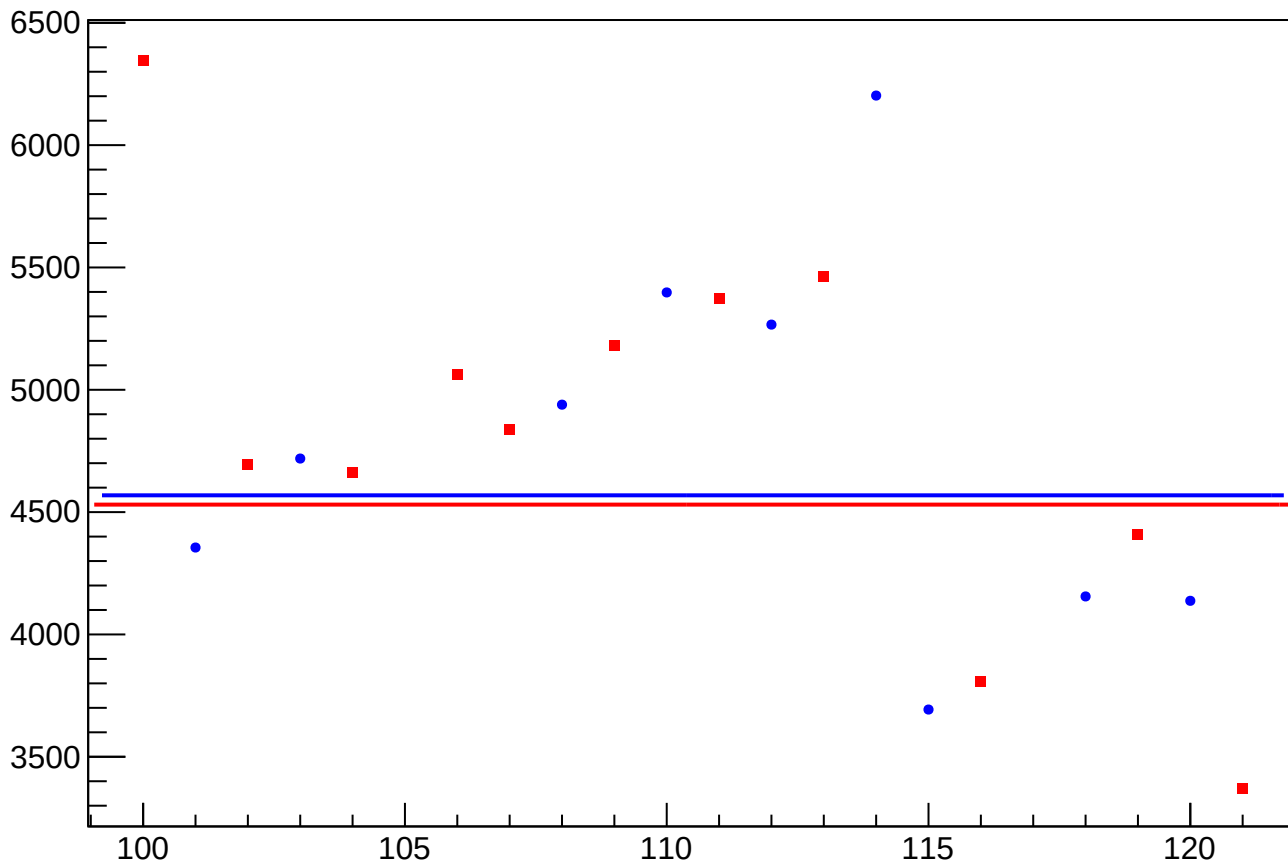
Right: 422.804+/-1607.103 χ^2/NDF : 16.0/19

In: -2399.276+/-2399.020 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.804+/-1607.103 χ^2/NDF : 16.0/19

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4530.685+/-1.531 χ^2/NDF : 210595.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

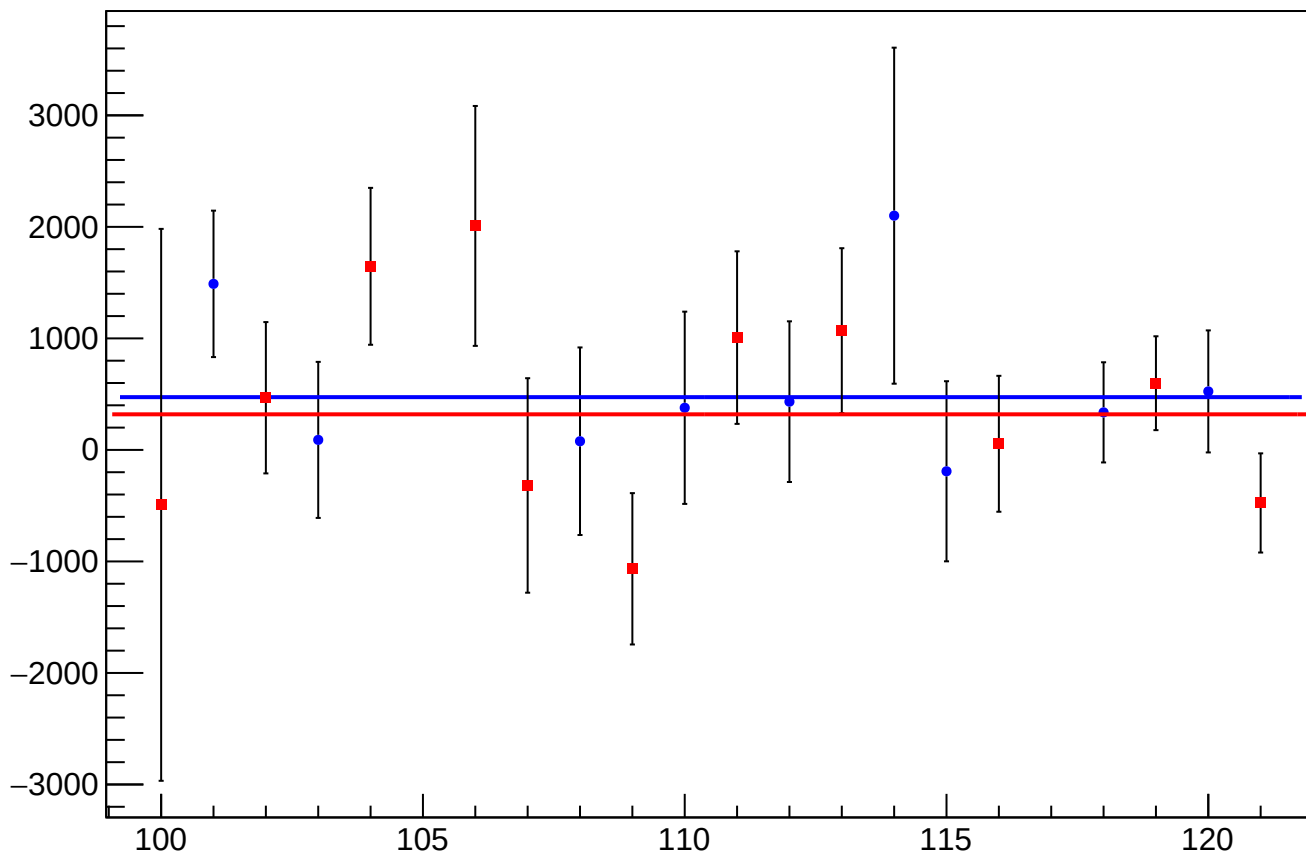
Right: 4547.734+/-1.136 χ^2/NDF : 305183.2/19

In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4547.734+/-1.136 χ^2/NDF : 305183.2/19

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 473.171+/-227.497 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 319.147+/-198.533 χ^2/NDF : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

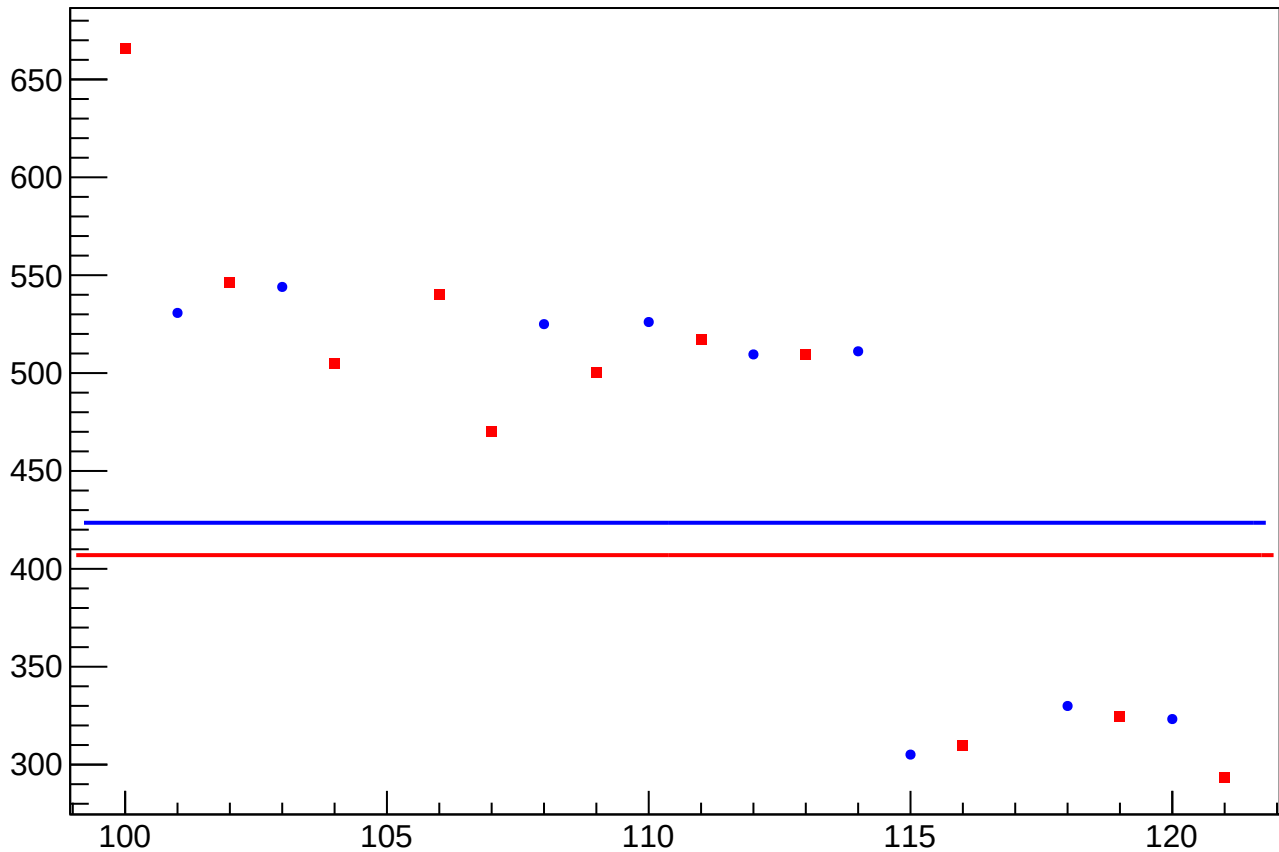
Right: 385.736+/-149.583 χ^2/NDF : 21.6/19

In: 473.171+/-227.497 χ^2/NDF :4.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 385.736+/-149.583 χ^2/NDF : 21.6/19

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 423.537+/-0.161 χ^2/NDF : 402300.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.003+/-0.140 χ^2/NDF : 558683.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

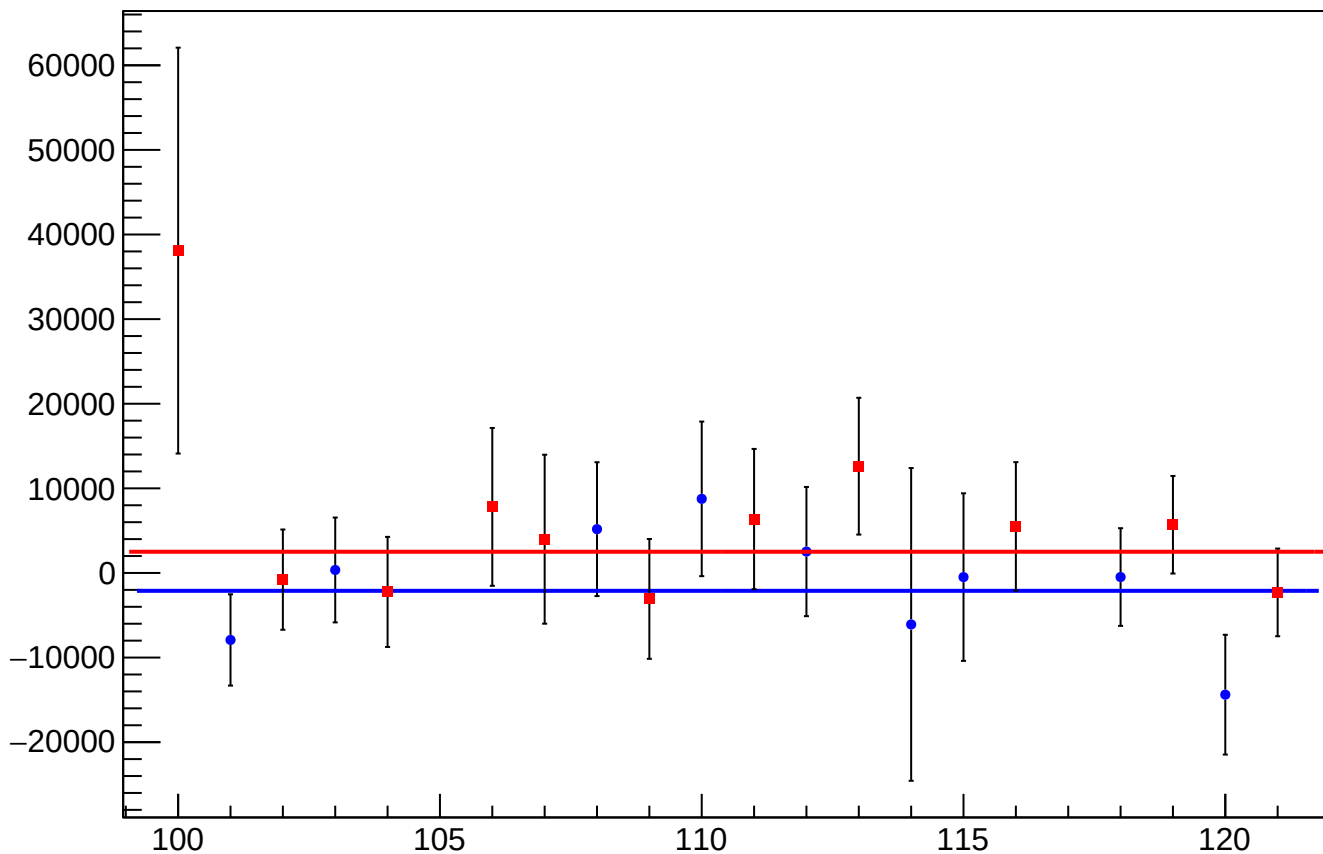
Right: 414.151+/-0.106 χ^2/NDF : 966981.1/19

In: 423.537+/-0.161 χ^2/NDF : 402300.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.151+/-0.106 χ^2/NDF : 966981.1/19

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2112.017+/-2435.491 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2507.480+/-2183.076 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

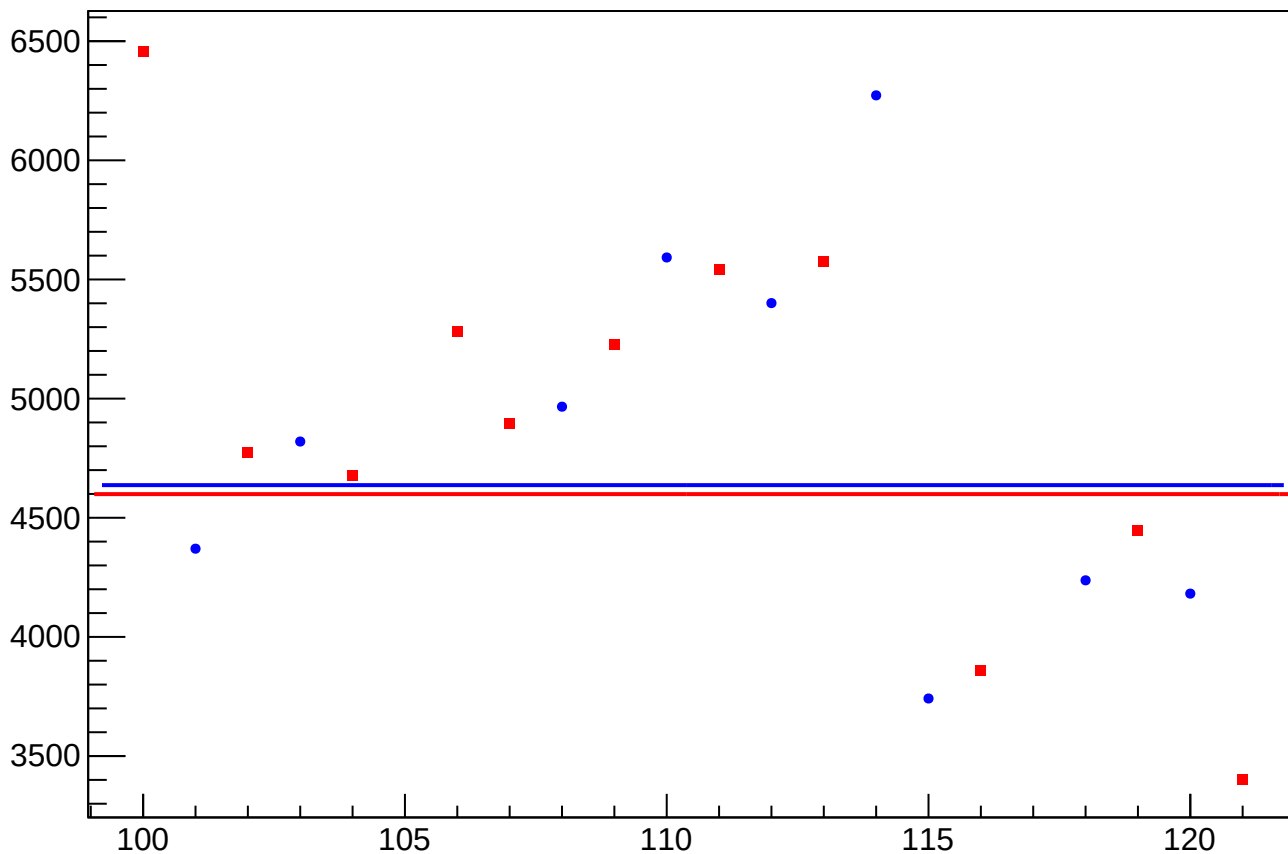
Right: 449.446+/-1625.607 χ^2/NDF : 16.2/19

In: -2112.017+/-2435.491 χ^2/NDF :7.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 449.446+/-1625.607 χ^2/NDF : 16.2/19

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4636.982+/-1.722 χ^2/NDF : 101844.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4599.234+/-1.544 χ^2/NDF : 224693.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

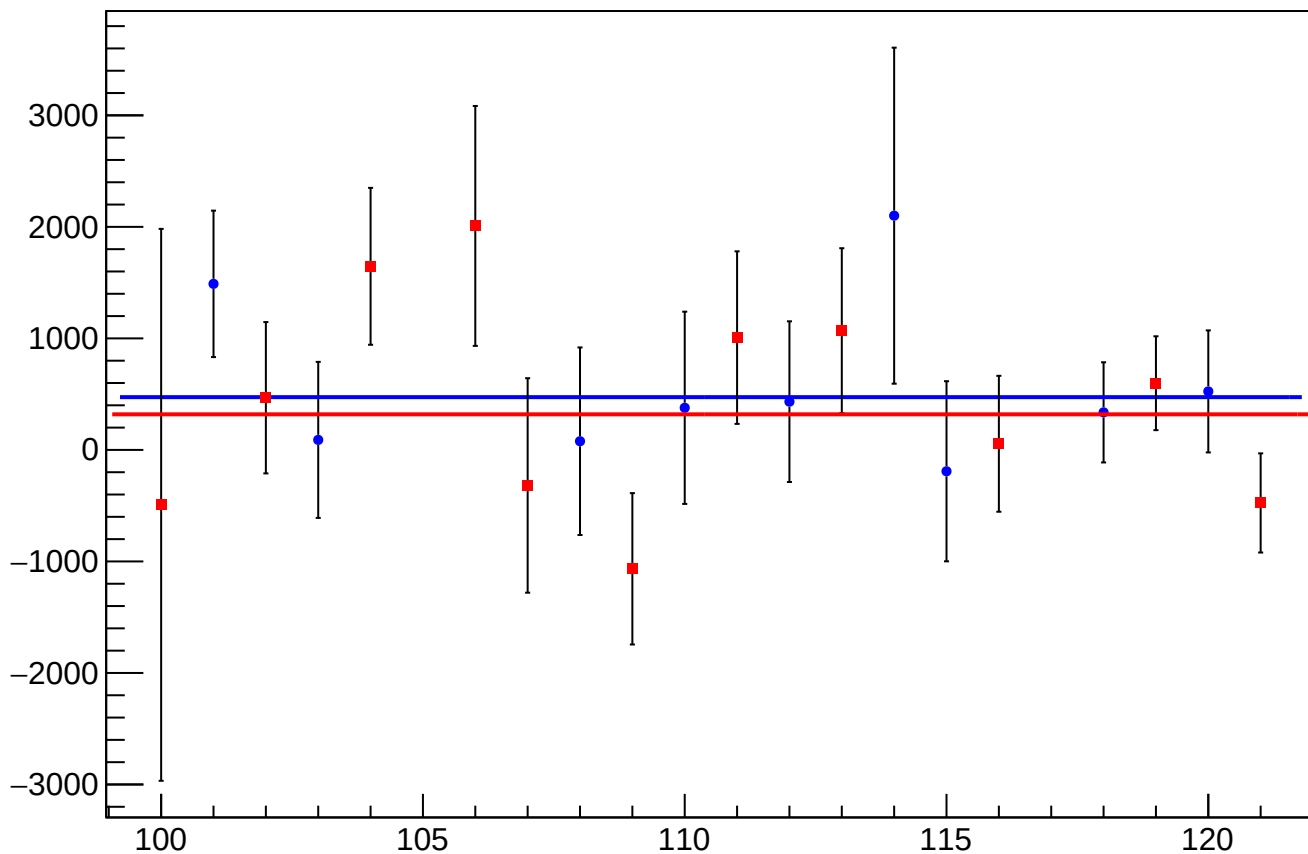
Right: 4616.051+/-1.149 χ^2/NDF : 326803.7/19

In: 4636.982+/-1.722 χ^2/NDF : 101844.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4616.051+/-1.149 χ^2/NDF : 326803.7/19

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 473.175+/-227.496 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.138+/-198.532 χ^2/NDF : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

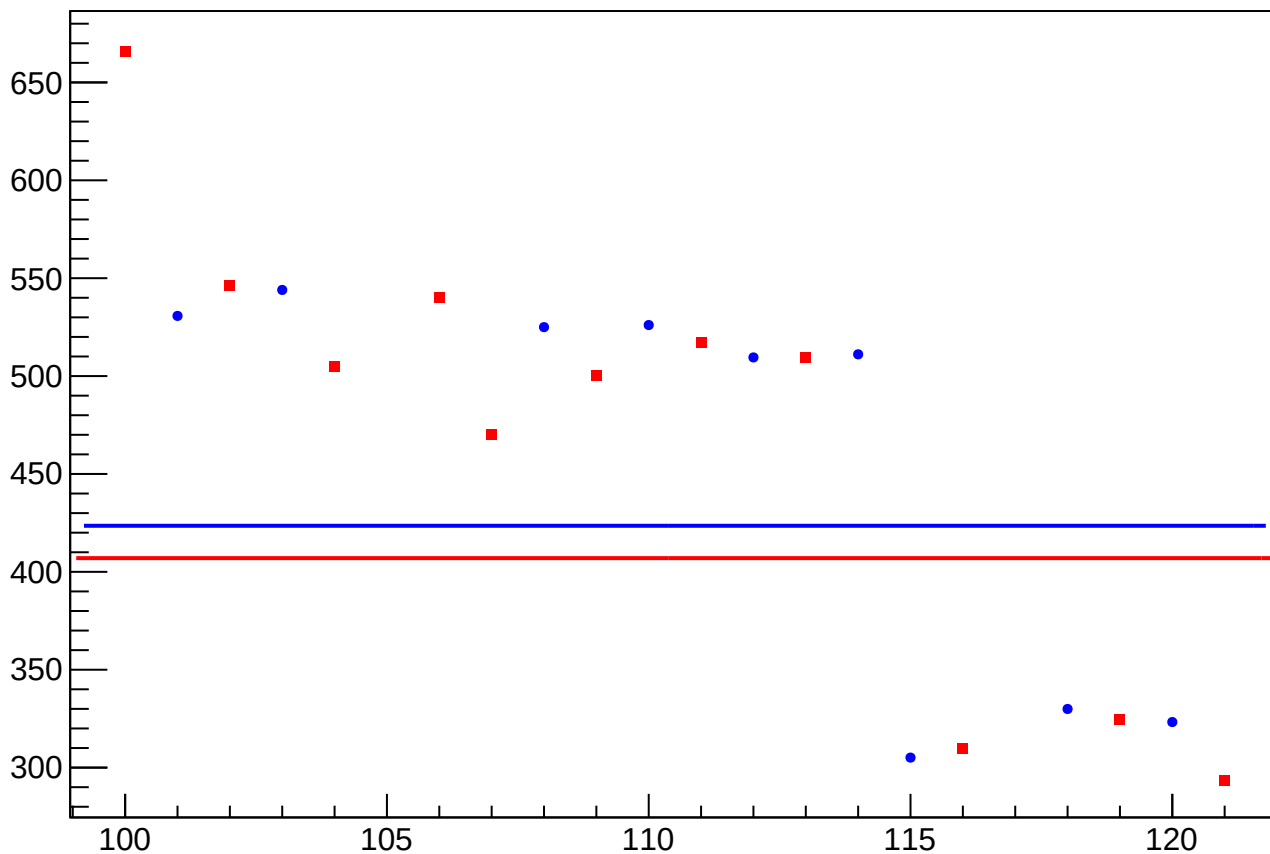
Right: 385.733+/-149.582 χ^2/NDF : 21.6/19

In: 473.175+/-227.496 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.733+/-149.582 χ^2/NDF : 21.6/19

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 423.535+/-0.161 χ^2/NDF : 402295.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.002+/-0.140 χ^2/NDF : 558669.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

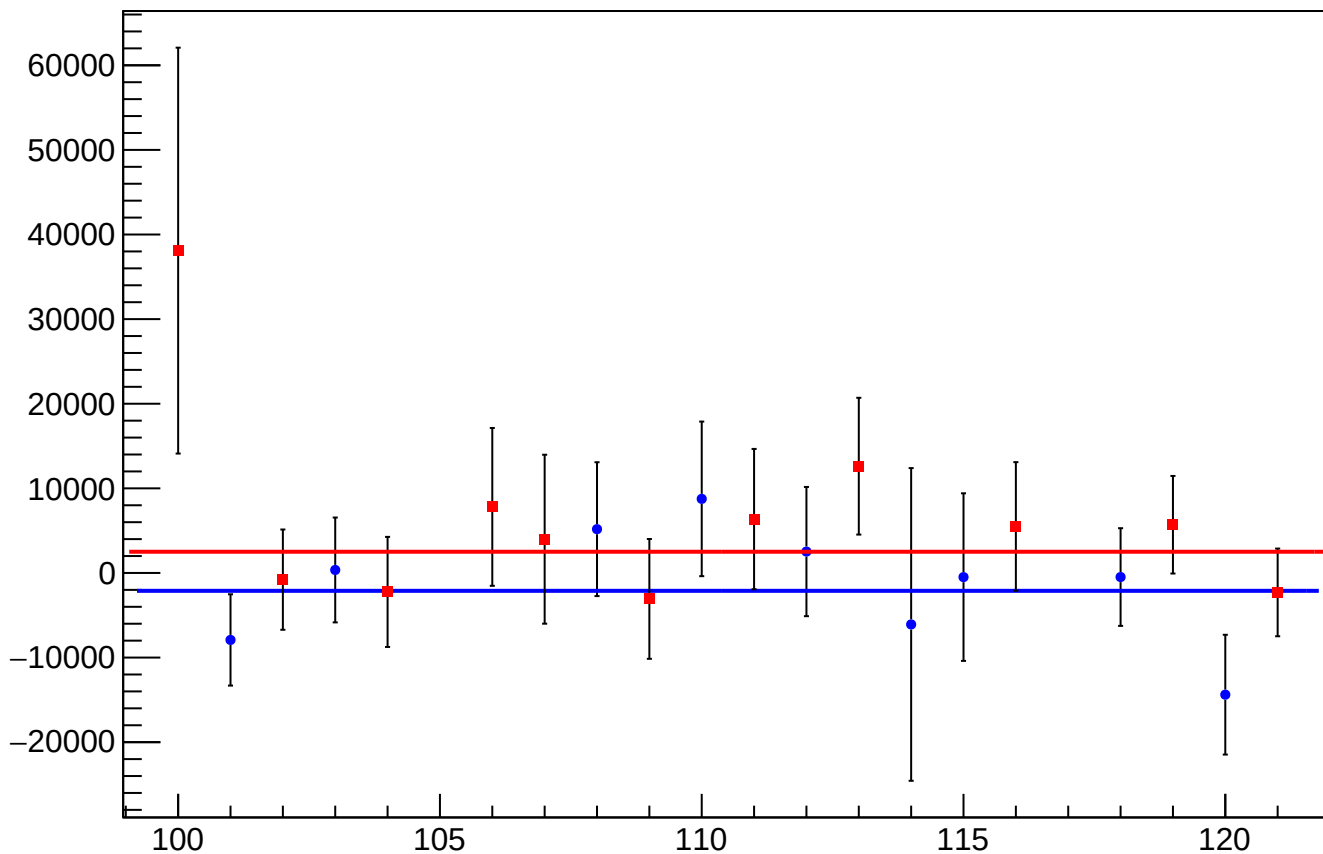
Right: 414.150+/-0.106 χ^2/NDF : 966961.0/19

In: 423.535+/-0.161 χ^2/NDF : 402295.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.150+/-0.106 χ^2/NDF : 966961.0/19

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2112.010+/-2435.485 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2507.476+/-2183.071 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

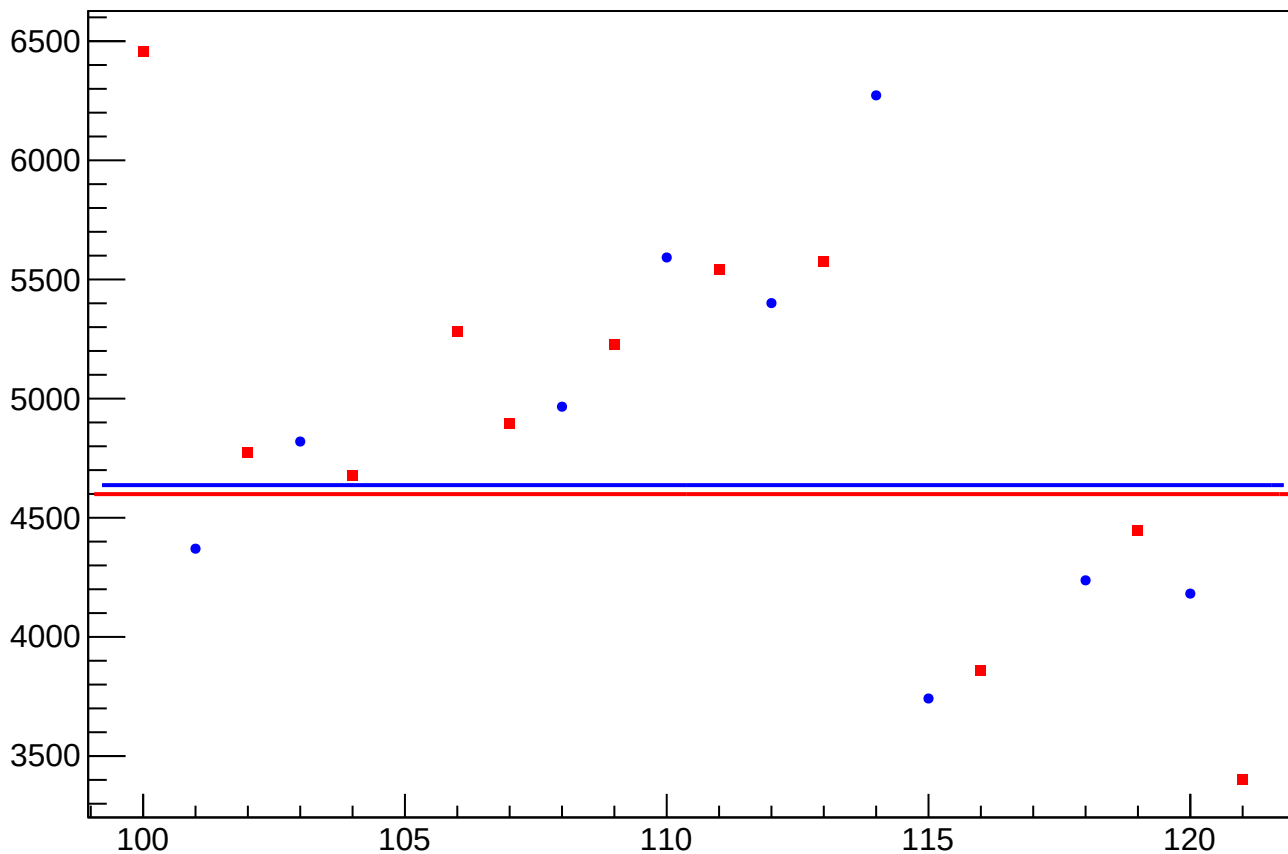
Right: 449.446+/-1625.603 χ^2/NDF : 16.2/19

In: -2112.010+/-2435.485 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.446+/-1625.603 χ^2/NDF : 16.2/19

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4636.971+/-1.722 χ^2/NDF : 101841.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4599.224+/-1.544 χ^2/NDF : 224689.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

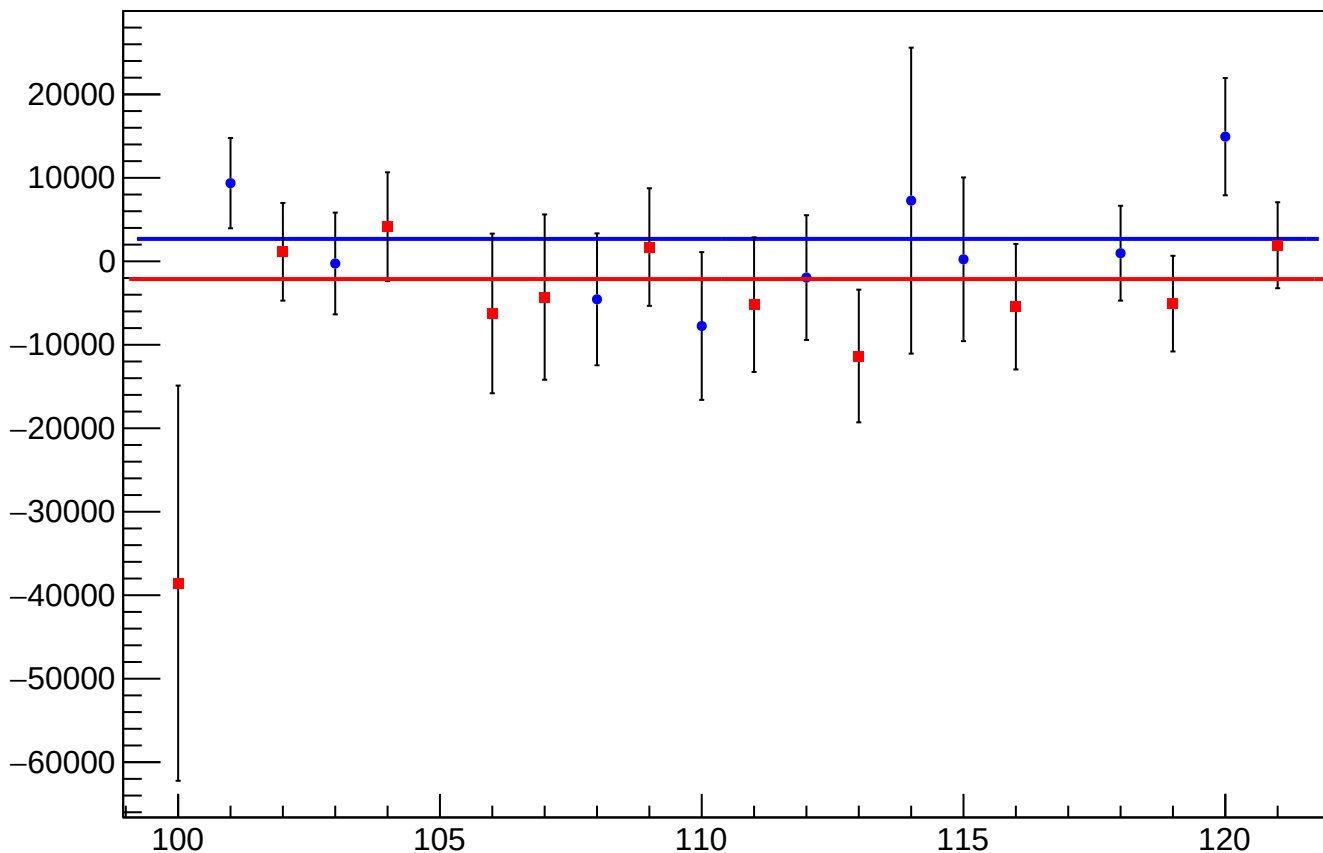
Right: 4616.041+/-1.149 χ^2/NDF : 326797.3/19

In: 4636.971+/-1.722 χ^2/NDF : 101841.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4616.041+/-1.149 χ^2/NDF : 326797.3/19

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2686.388+/-2408.282 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2124.734+/-2167.153 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

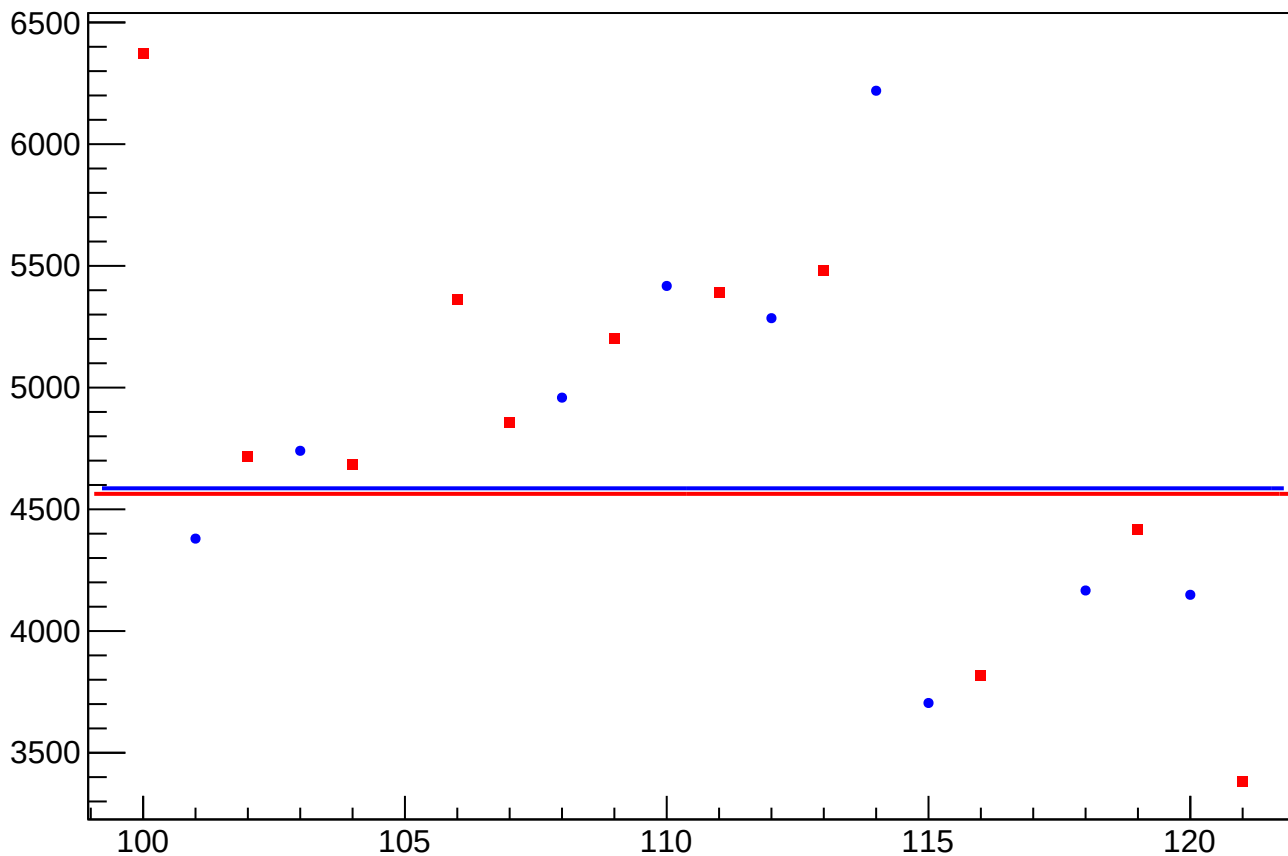
Right: 27.979+/-1610.932 χ^2/NDF : 16.5/19

In: 2686.388+/-2408.282 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.979+/-1610.932 χ^2/NDF : 16.5/19

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4586.322+/-1.703 χ^2/NDF : 94512.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4563.547+/-1.532 χ^2/NDF : 219816.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

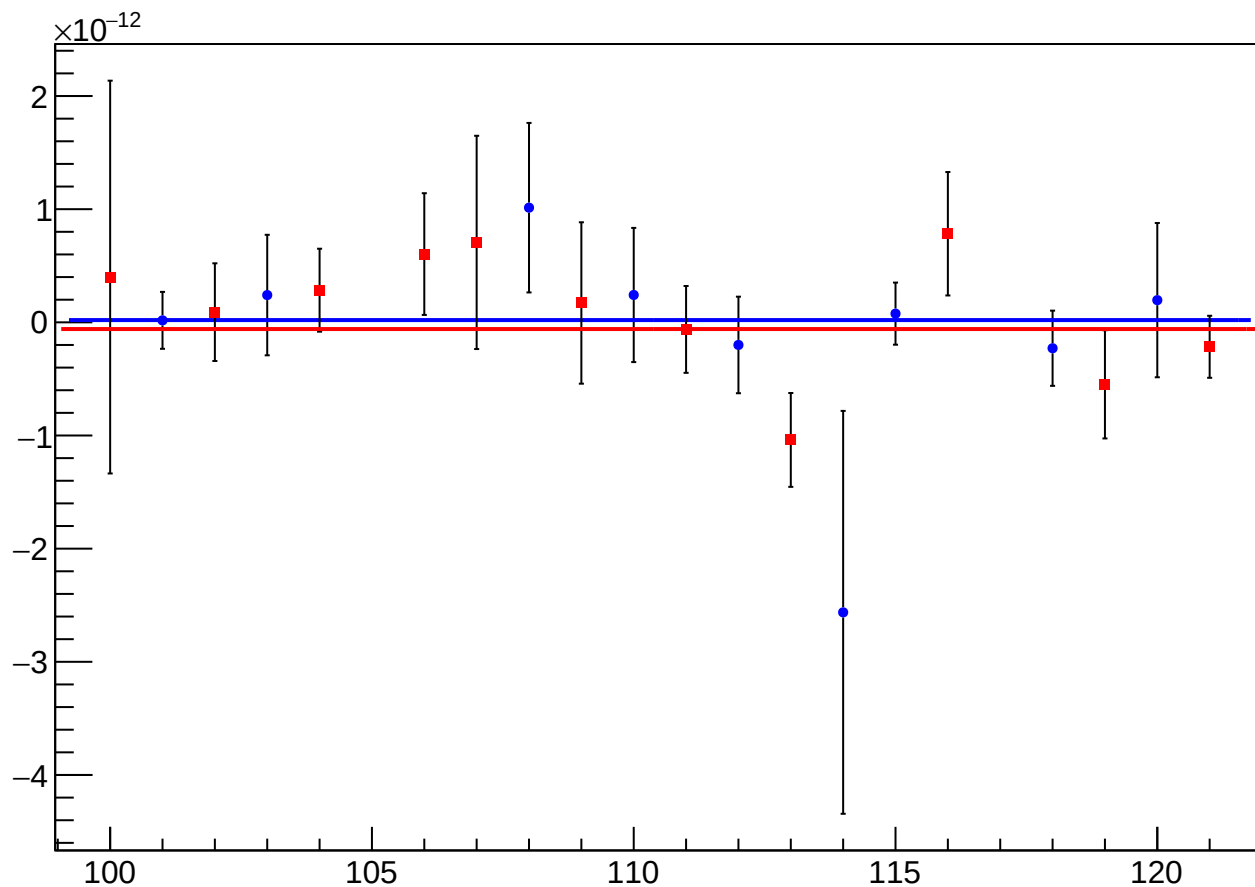
Right: 4573.738+/-1.139 χ^2/NDF : 314427.2/19

In: 4586.322+/-1.703 χ^2/NDF : 94512.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4573.738+/-1.139 χ^2/NDF : 314427.2/19

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

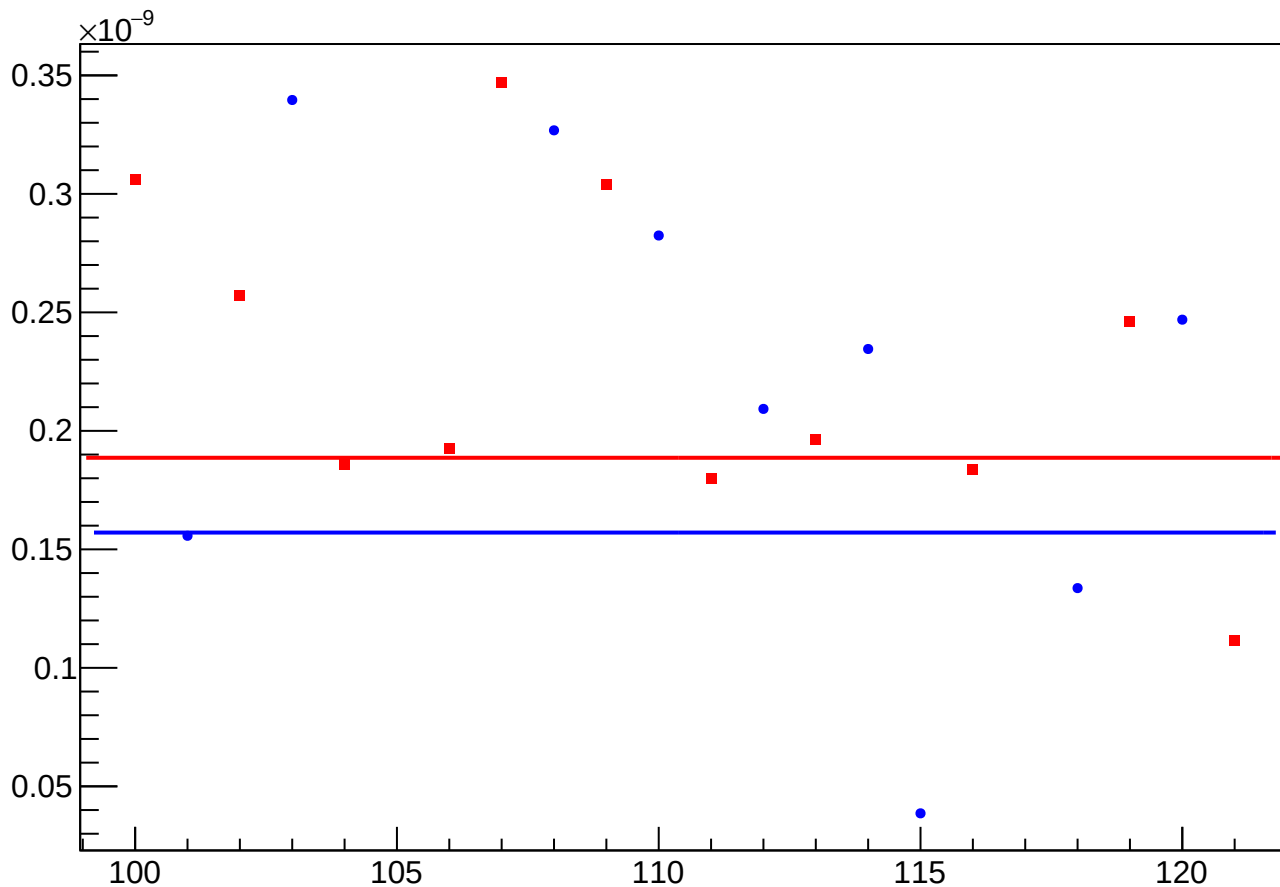
Right: -0.000+/-0.000 χ^2/NDF : 18.0/19

In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/19

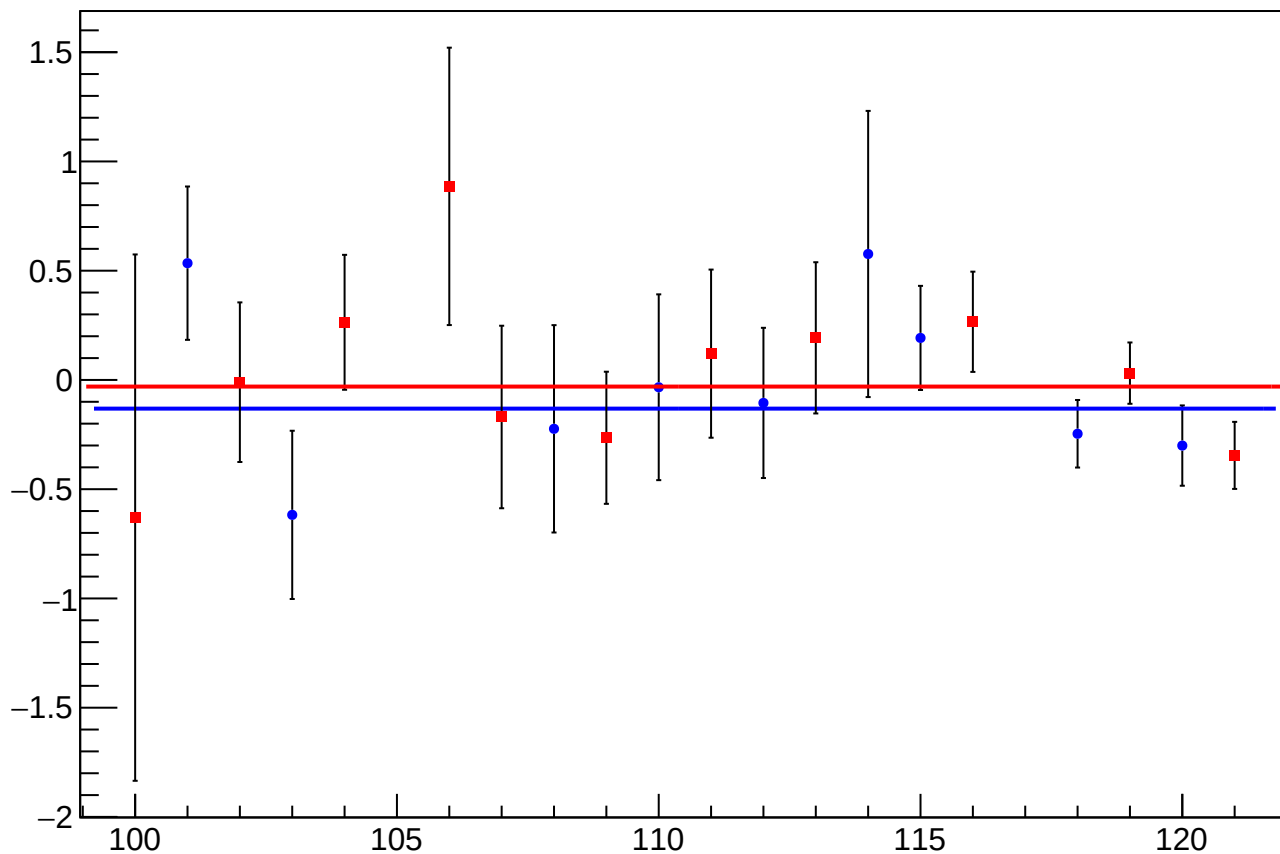
asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 878380.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 357772.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1289742.8/19
 In: 0.000+/-0.000 χ^2/NDF : 878380.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1289742.8/19

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131+/-0.090 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.030+/-0.078 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

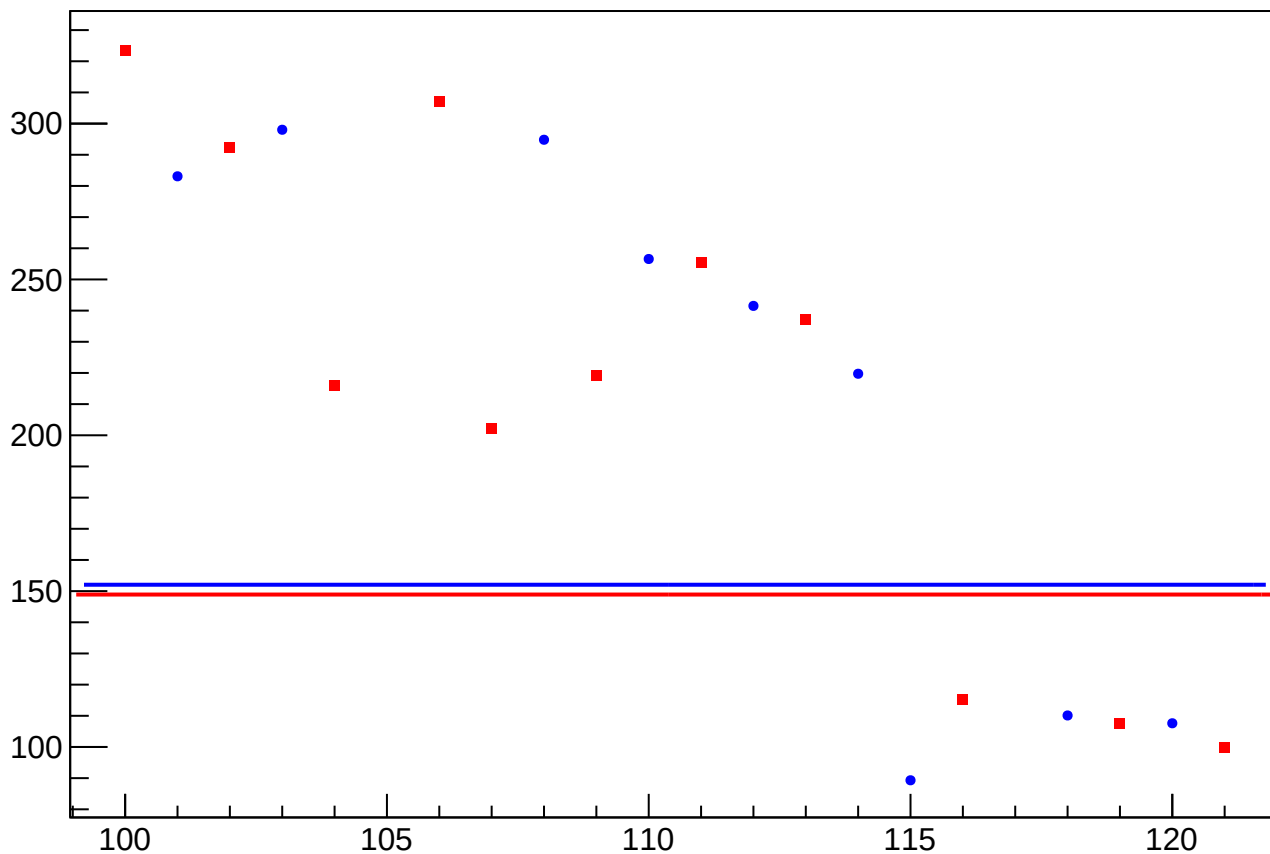
Right: -0.074+/-0.059 χ^2/NDF : 21.0/19

In: -0.131+/-0.090 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.074+/-0.059 χ^2/NDF : 21.0/19

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.905+/-0.055 χ^2/NDF : 1414317.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

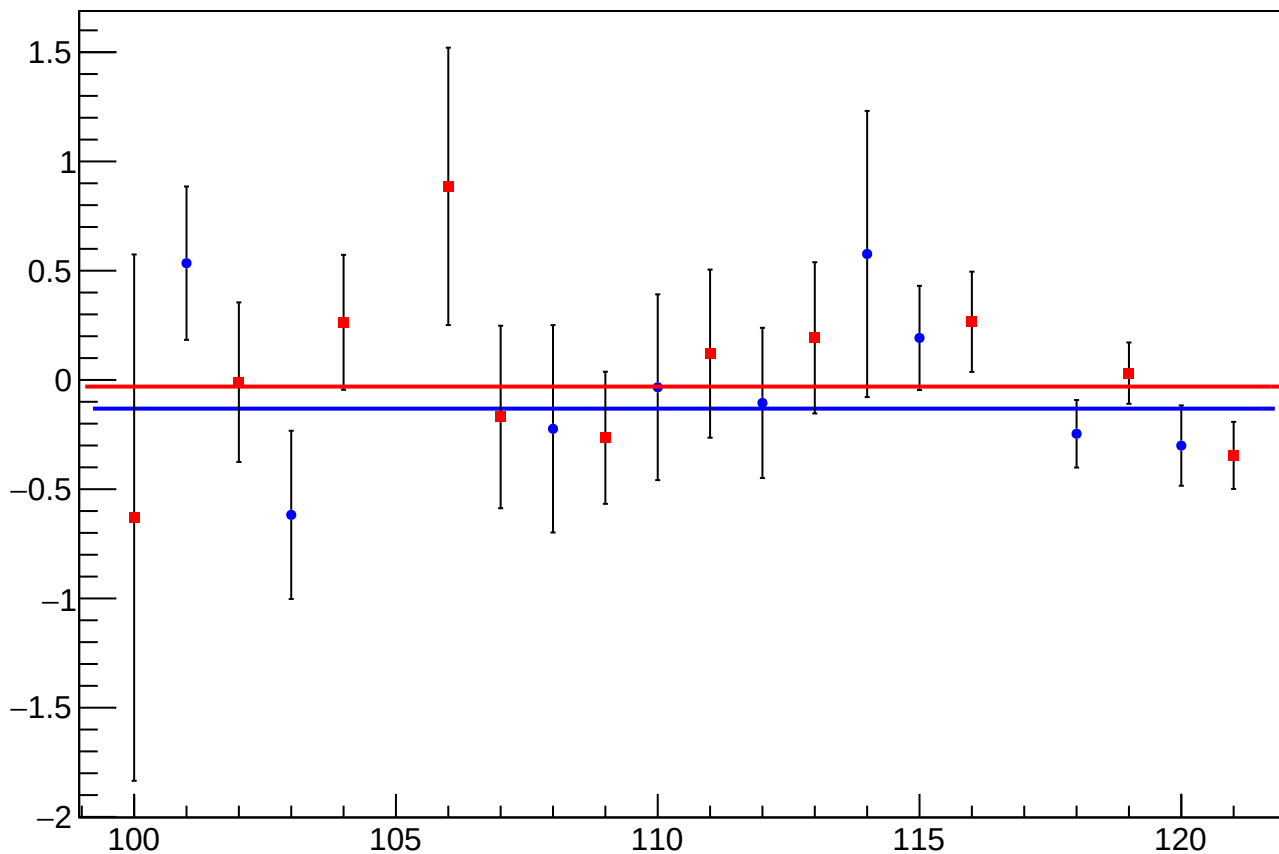
Right: 150.258+/-0.042 χ^2/NDF : 2843803.1/19

In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.258+/-0.042 χ^2/NDF : 2843803.1/19

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131 ± 0.090 $\chi^2/\text{NDF}: 9.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.030 ± 0.078 $\chi^2/\text{NDF}: 10.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

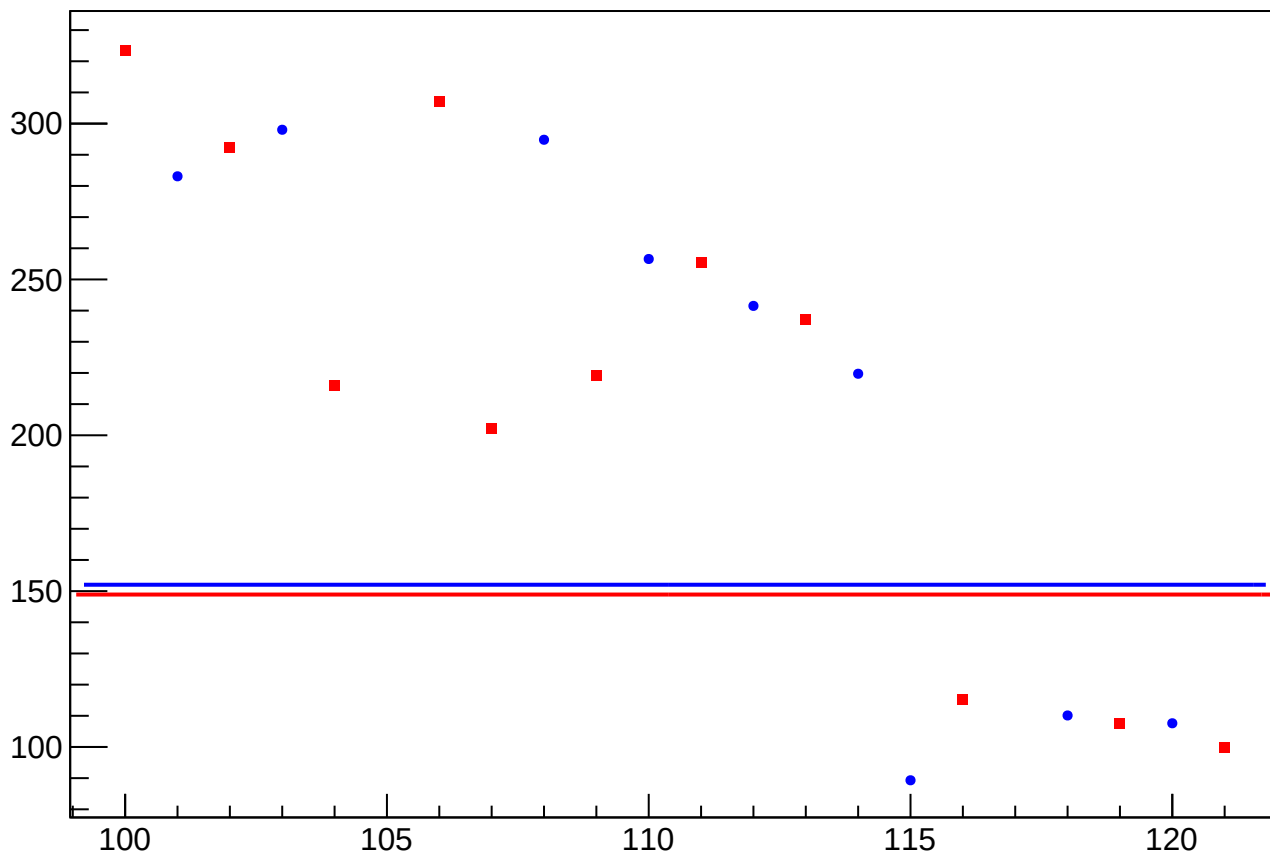
Right: -0.074 ± 0.059 $\chi^2/\text{NDF}: 21.0/19$

In: -0.131 ± 0.090 $\chi^2/\text{NDF}: 9.7/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.074 ± 0.059 $\chi^2/\text{NDF}: 21.0/19$

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.905+/-0.055 χ^2/NDF : 1414317.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

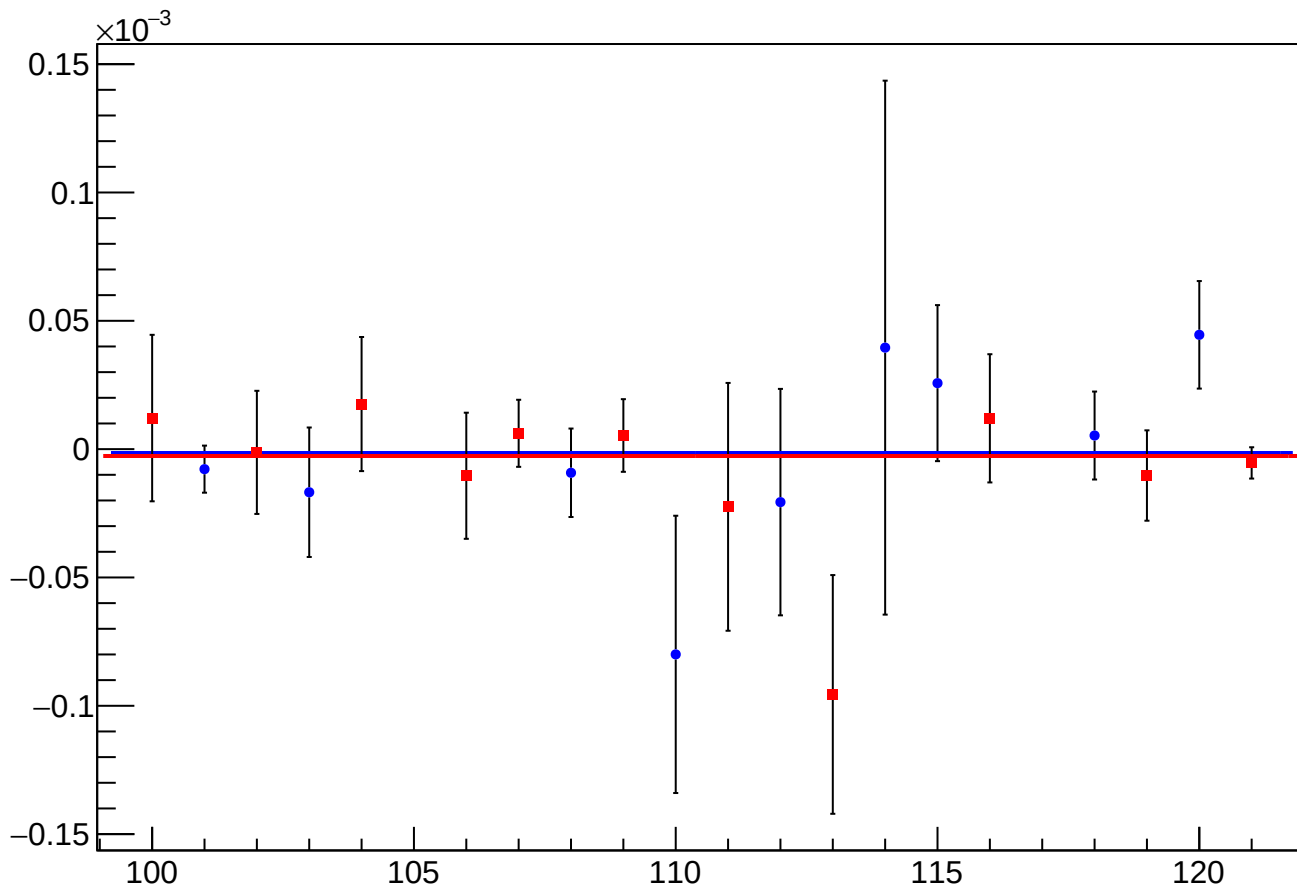
Right: 150.258+/-0.042 χ^2/NDF : 2843803.1/19

In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.258+/-0.042 χ^2/NDF : 2843803.1/19

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

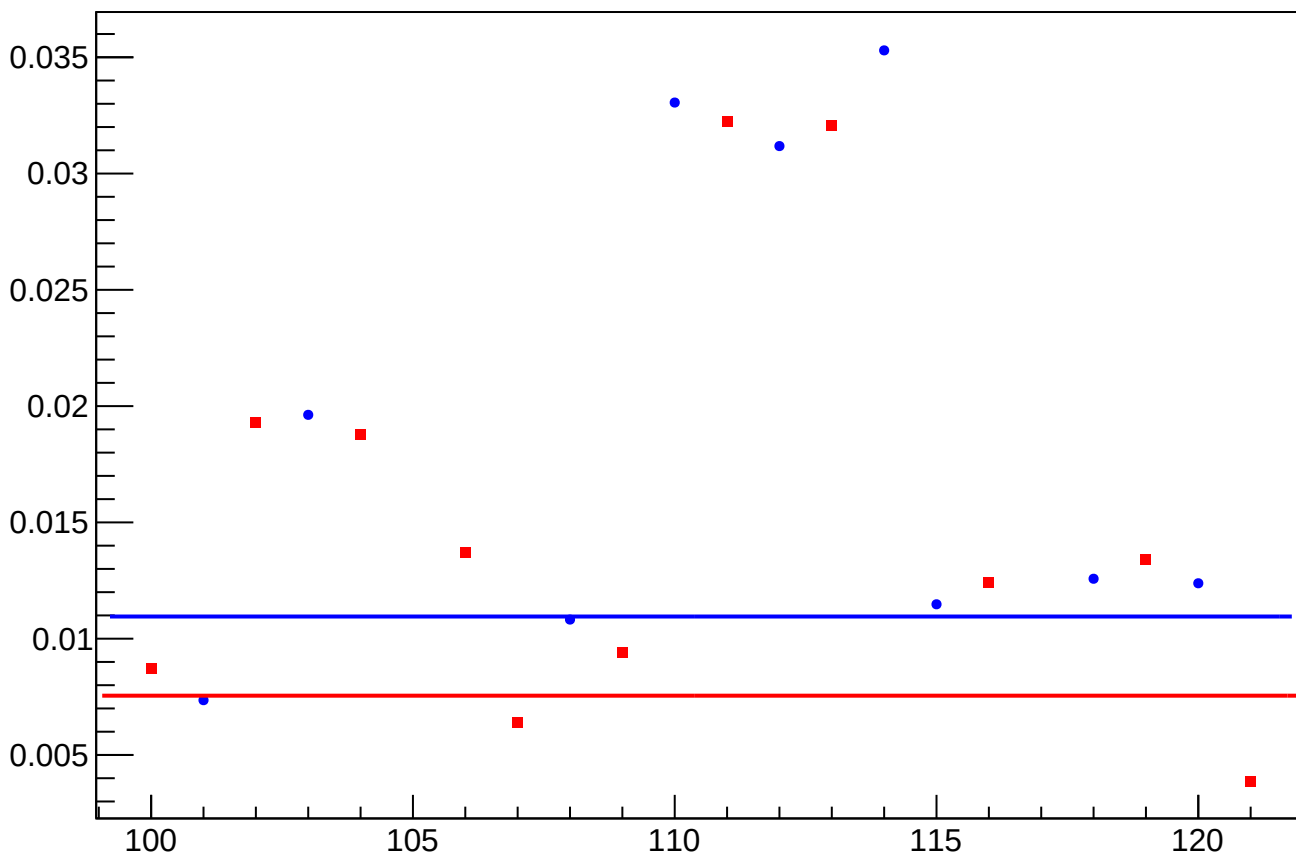
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/19

In: -0.000 $\pm$ 0.000 χ^2 /NDF:9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/19

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1436682.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3137610.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

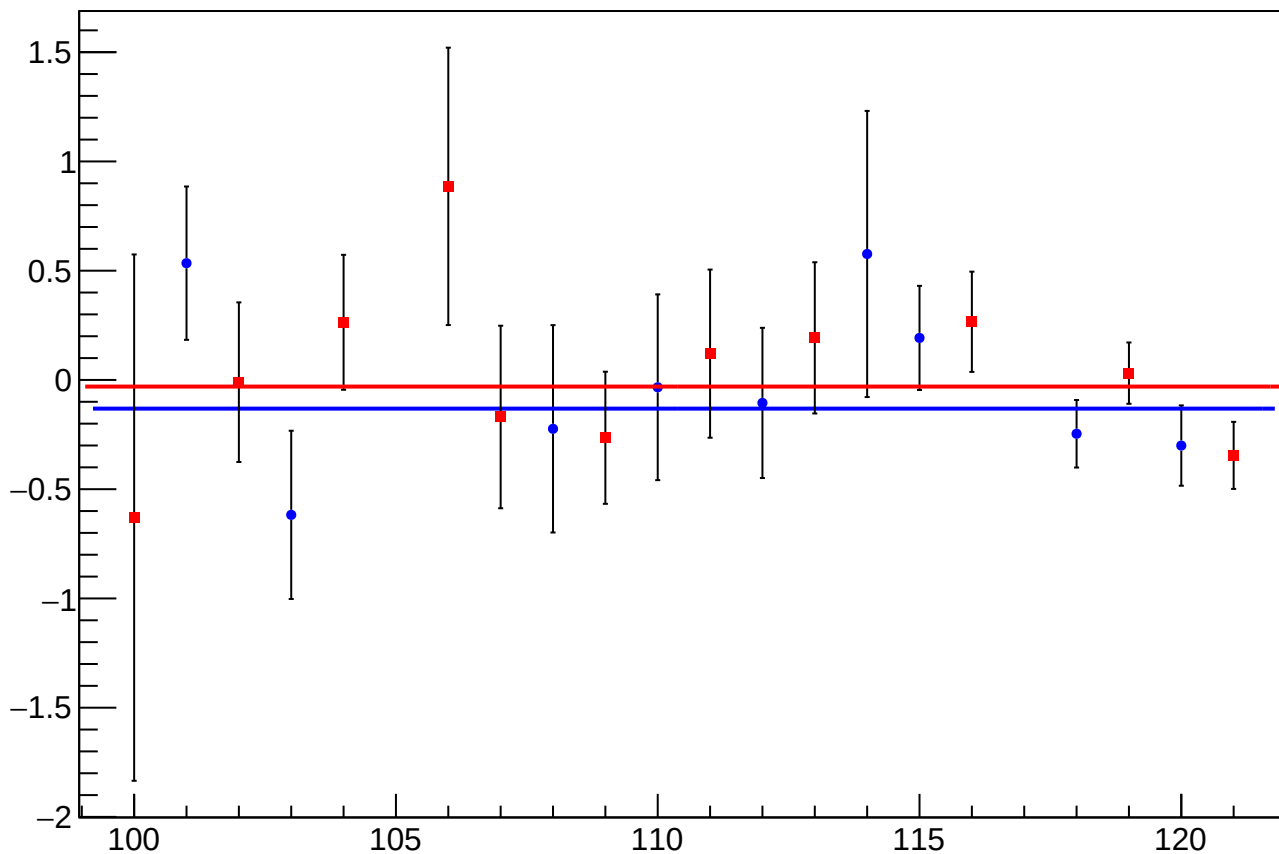
Right: 0.009+/-0.000 χ^2/NDF : 4953893.7/19

In: 0.011+/-0.000 χ^2/NDF : 1436682.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 4953893.7/19

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131+/-0.090 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.030+/-0.078 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

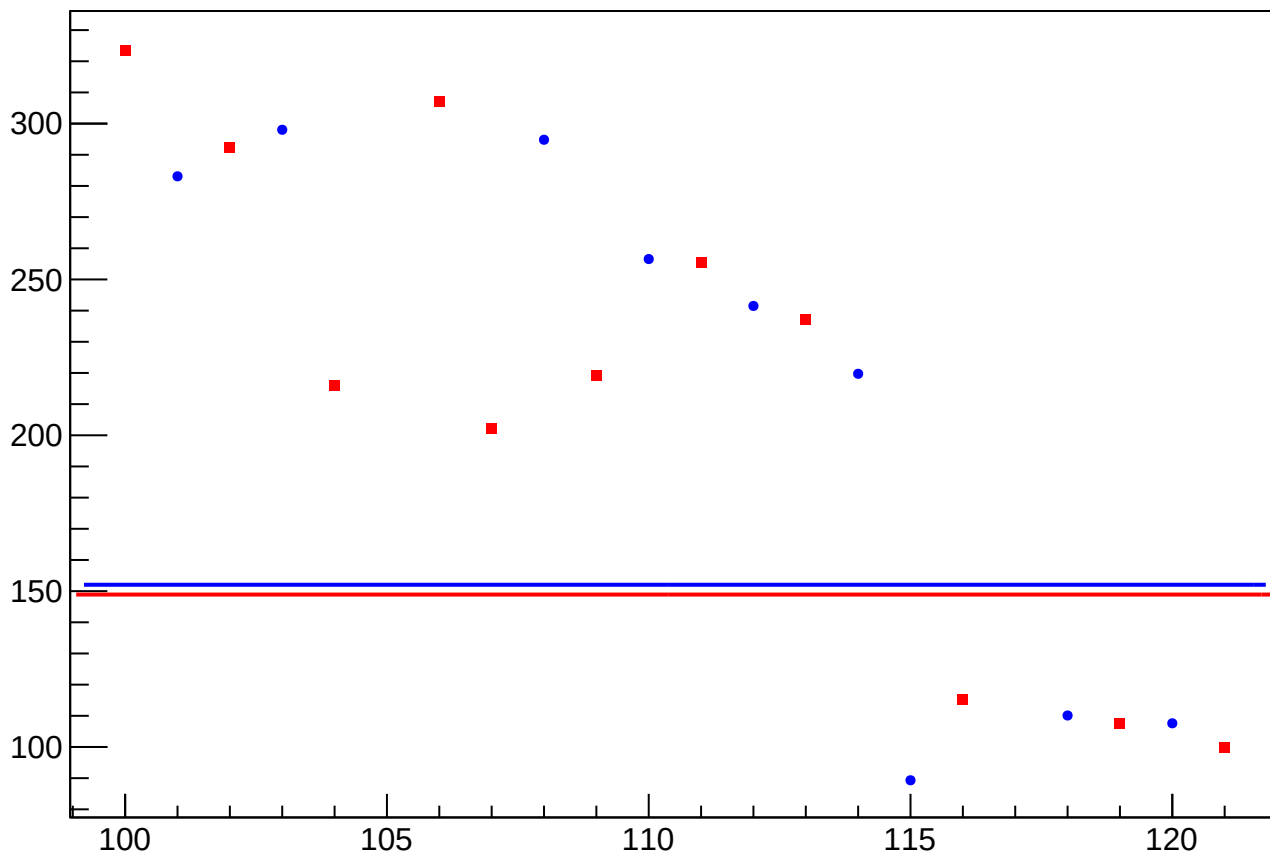
Right: -0.074+/-0.059 χ^2/NDF : 21.0/19

In: -0.131+/-0.090 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.074+/-0.059 χ^2/NDF : 21.0/19

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.903+/-0.055 χ^2/NDF : 1414270.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

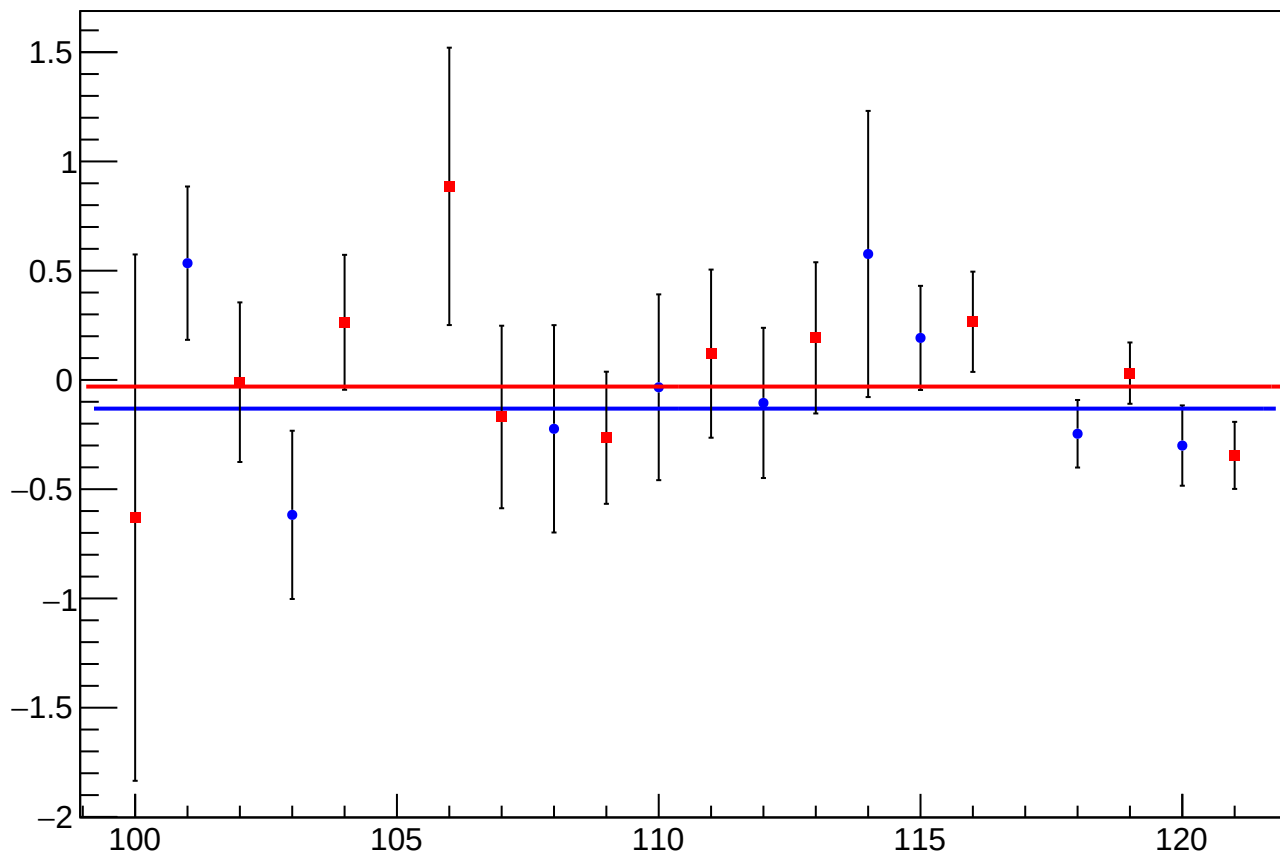
Right: 150.256+/-0.042 χ^2/NDF : 2843704.3/19

In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.256+/-0.042 χ^2/NDF : 2843704.3/19

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131 ± 0.090 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.078 χ^2/NDF : 10.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

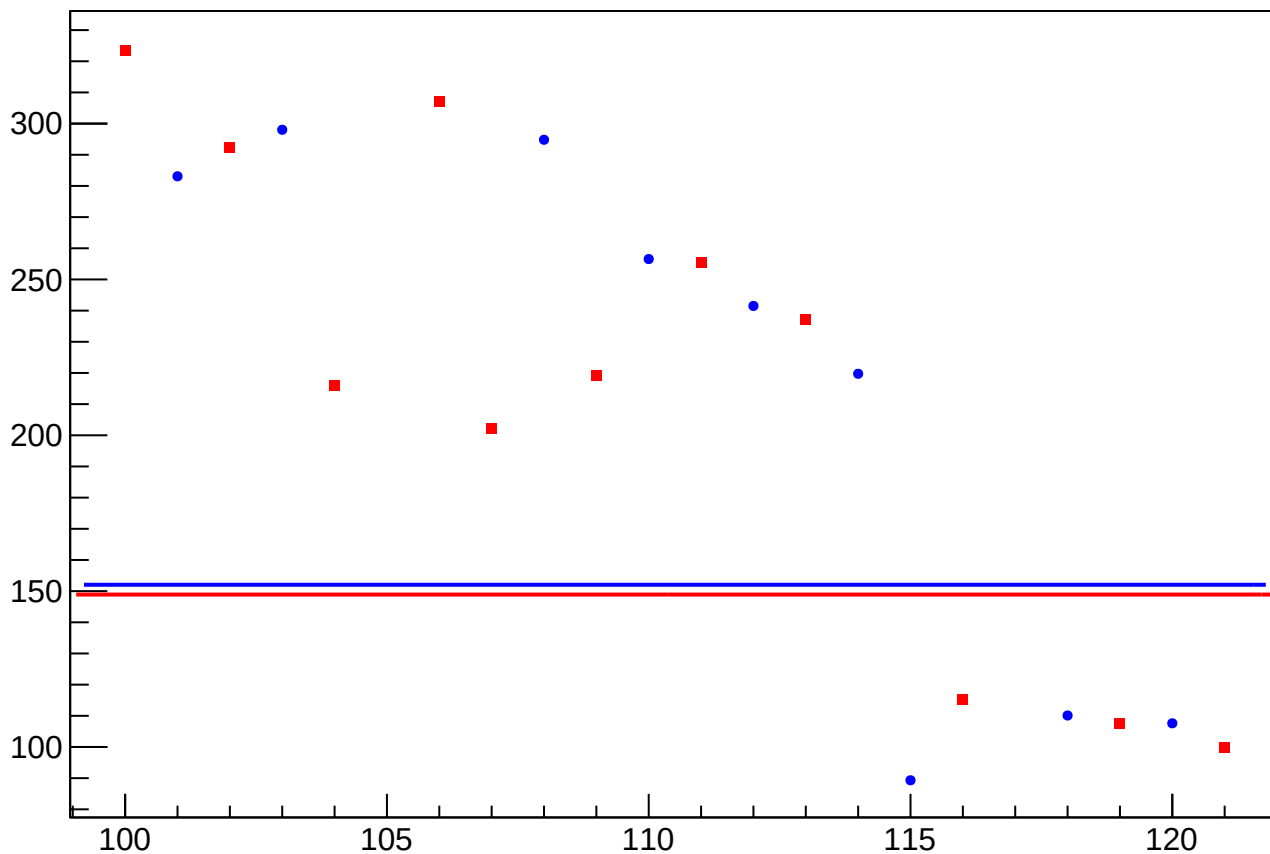
Right: -0.074 ± 0.059 χ^2/NDF : 21.0/19

In: -0.131 ± 0.090 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.059 χ^2/NDF : 21.0/19

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.903+/-0.055 χ^2/NDF : 1414270.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

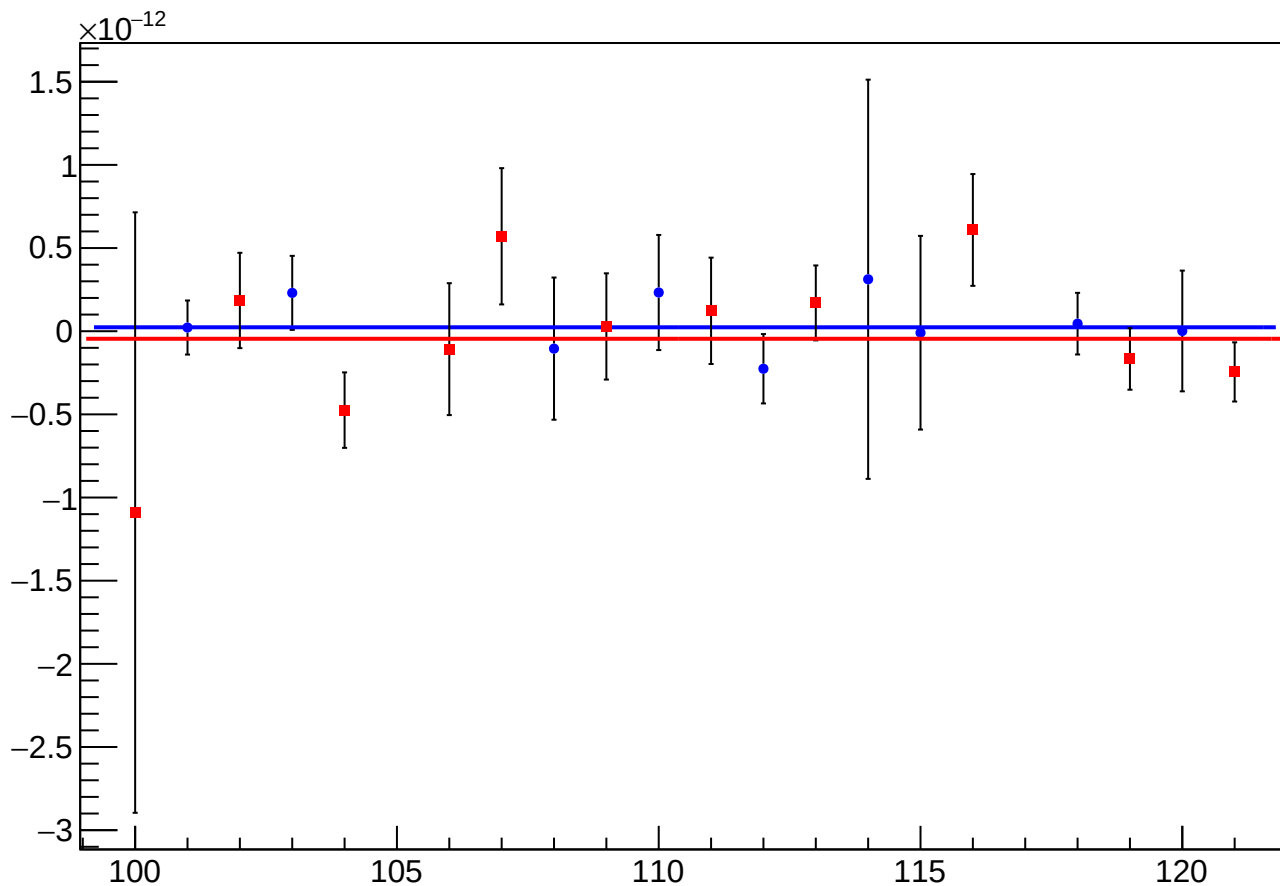
Right: 150.256+/-0.042 χ^2/NDF : 2843704.3/19

In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.256+/-0.042 χ^2/NDF : 2843704.3/19

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

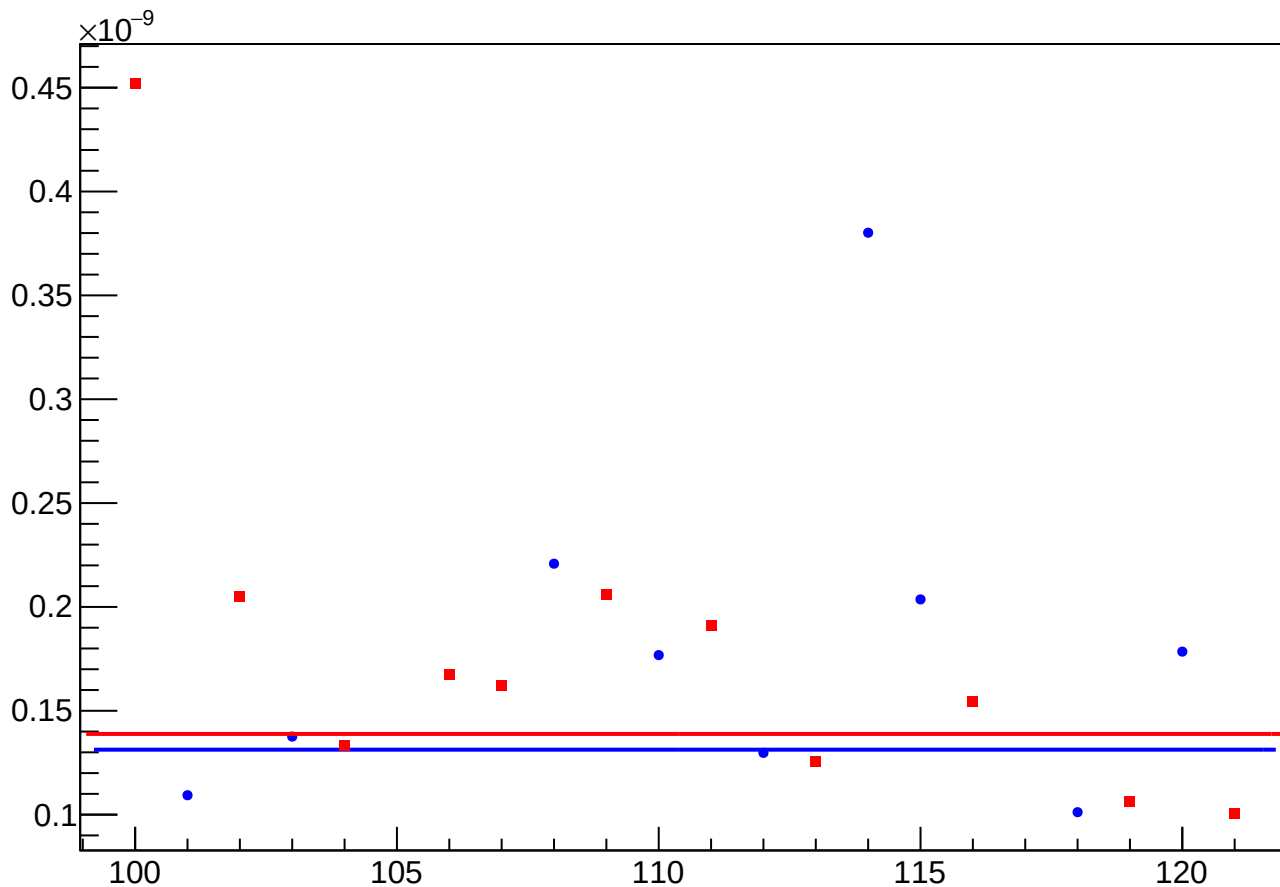
Right: -0.000+/-0.000 χ^2/NDF : 16.7/19

In: 0.000+/-0.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/19

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 364009.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492175.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

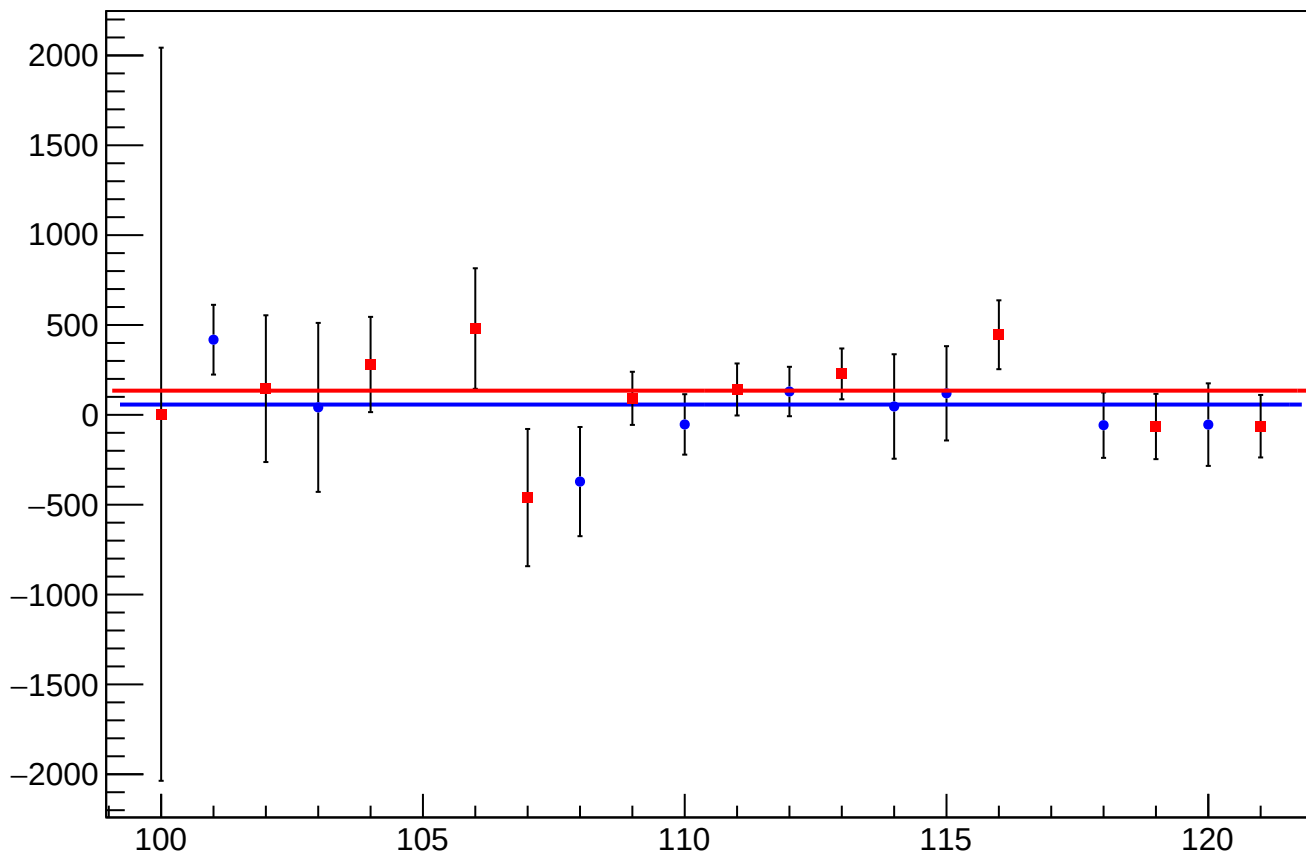
Right: 0.000+/-0.000 χ^2/NDF : 864434.3/19

In: 0.000+/-0.000 χ^2/NDF : 364009.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 864434.3/19

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 57.229+/-69.727 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.603+/-60.824 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

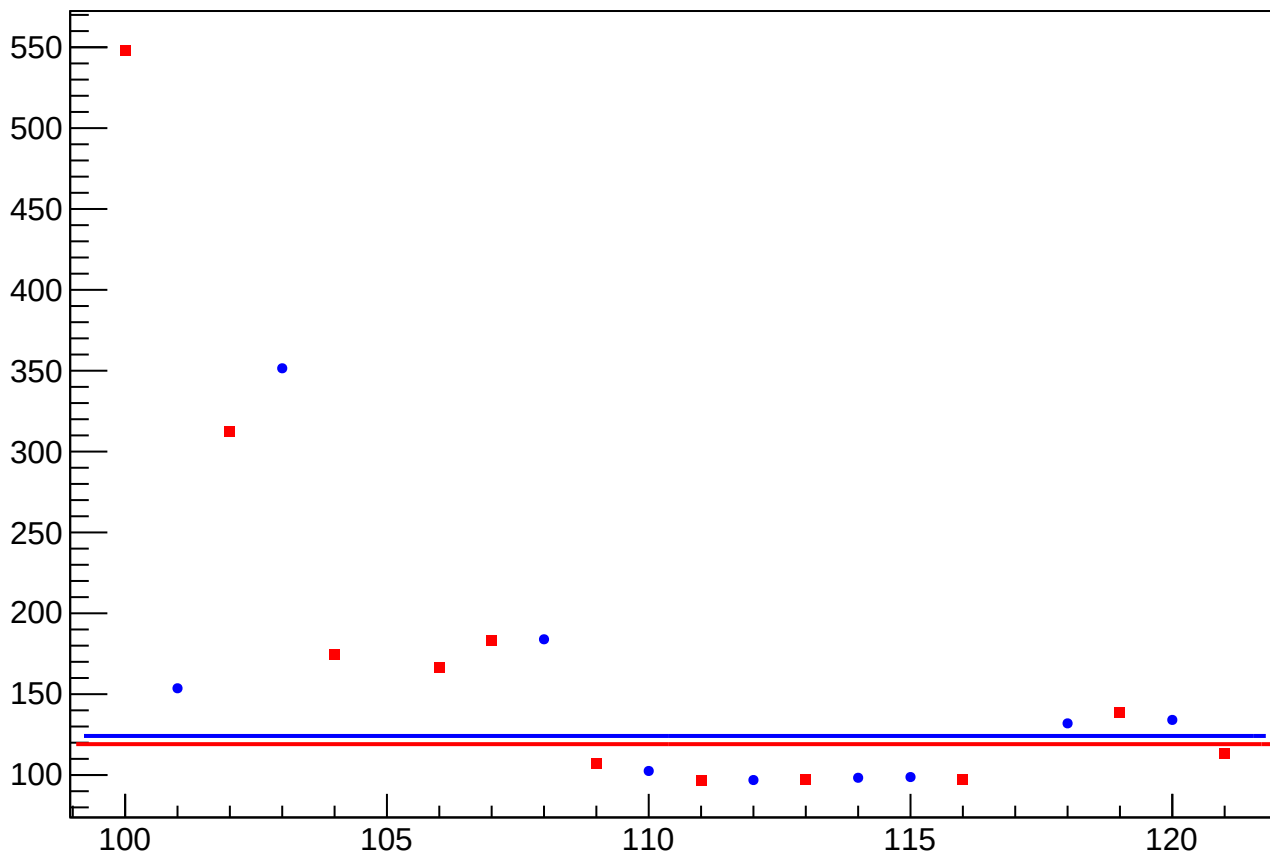
Right: 101.168+/-45.836 χ^2/NDF : 17.0/19

In: 57.229+/-69.727 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.168+/-45.836 χ^2/NDF : 17.0/19

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 124.165+/-0.049 χ^2/NDF : 744928.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.099+/-0.043 χ^2/NDF : 880684.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

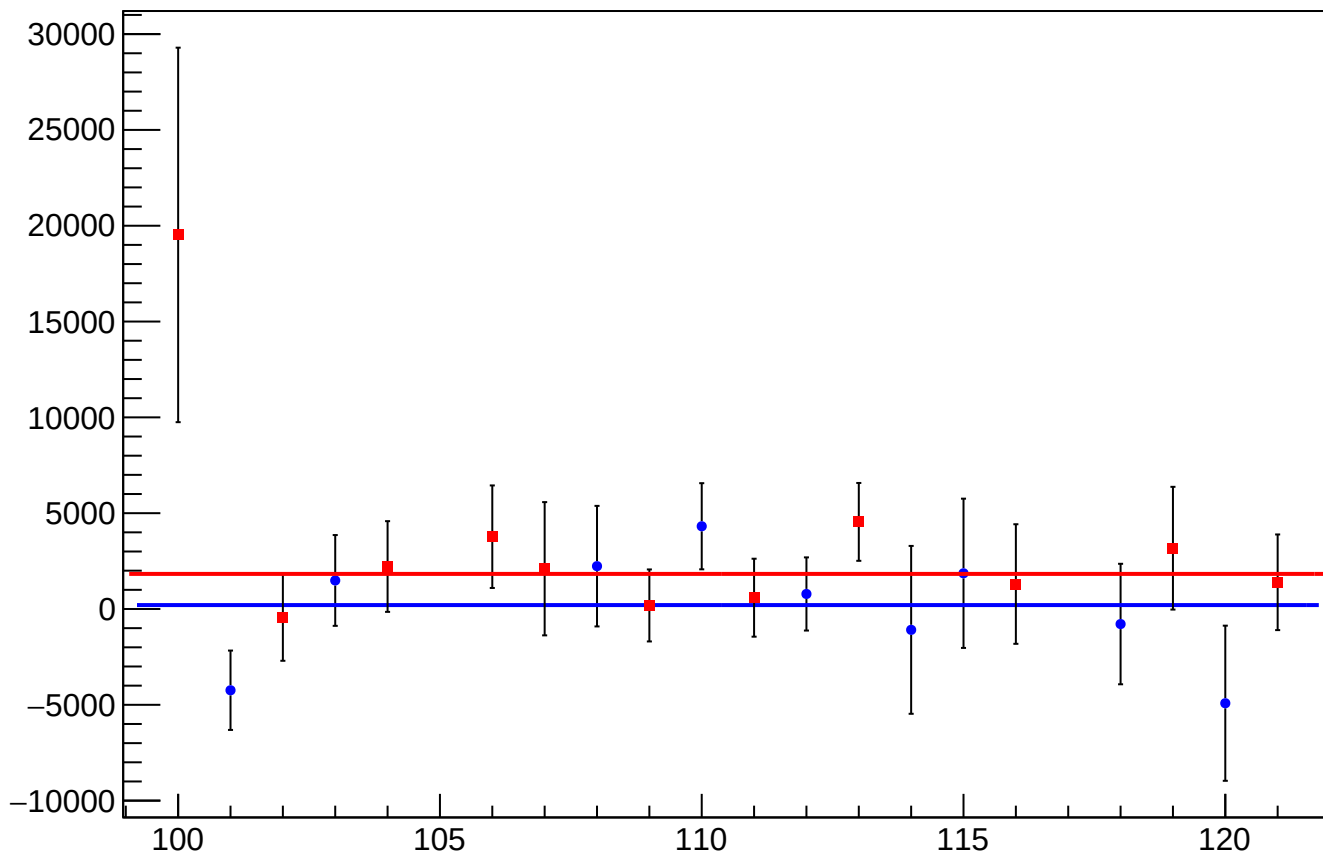
Right: 121.288+/-0.032 χ^2/NDF : 1631608.0/19

In: 124.165+/-0.049 χ^2/NDF : 744928.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.288+/-0.032 χ^2/NDF : 1631608.0/19

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 204.719+/-889.058 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1831.234+/-759.090 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

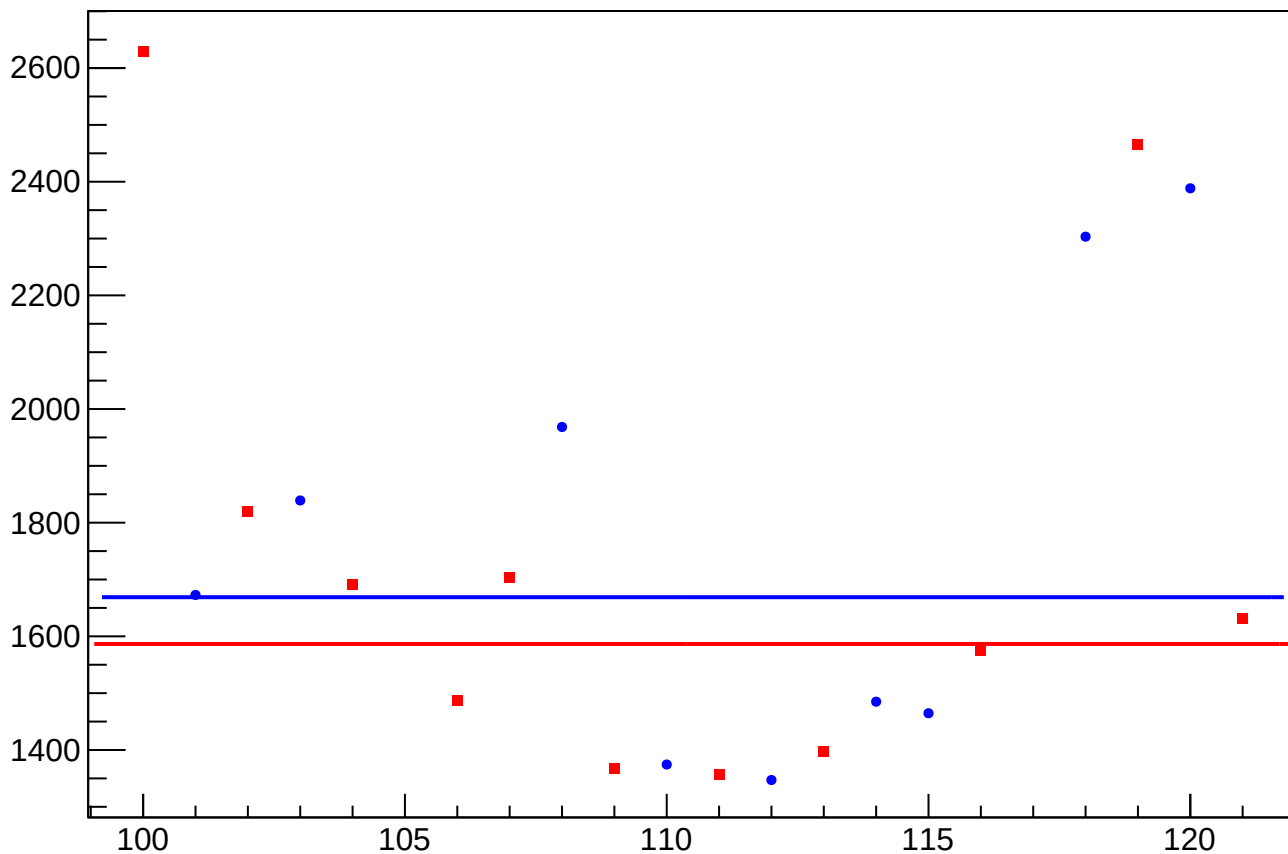
Right: 1145.446+/-577.292 χ^2/NDF : 20.7/19

In: 204.719+/-889.058 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1145.446+/-577.292 χ^2/NDF : 20.7/19

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1668.871+/-0.629 χ^2/NDF : 273284.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.562+/-0.537 χ^2/NDF : 273989.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

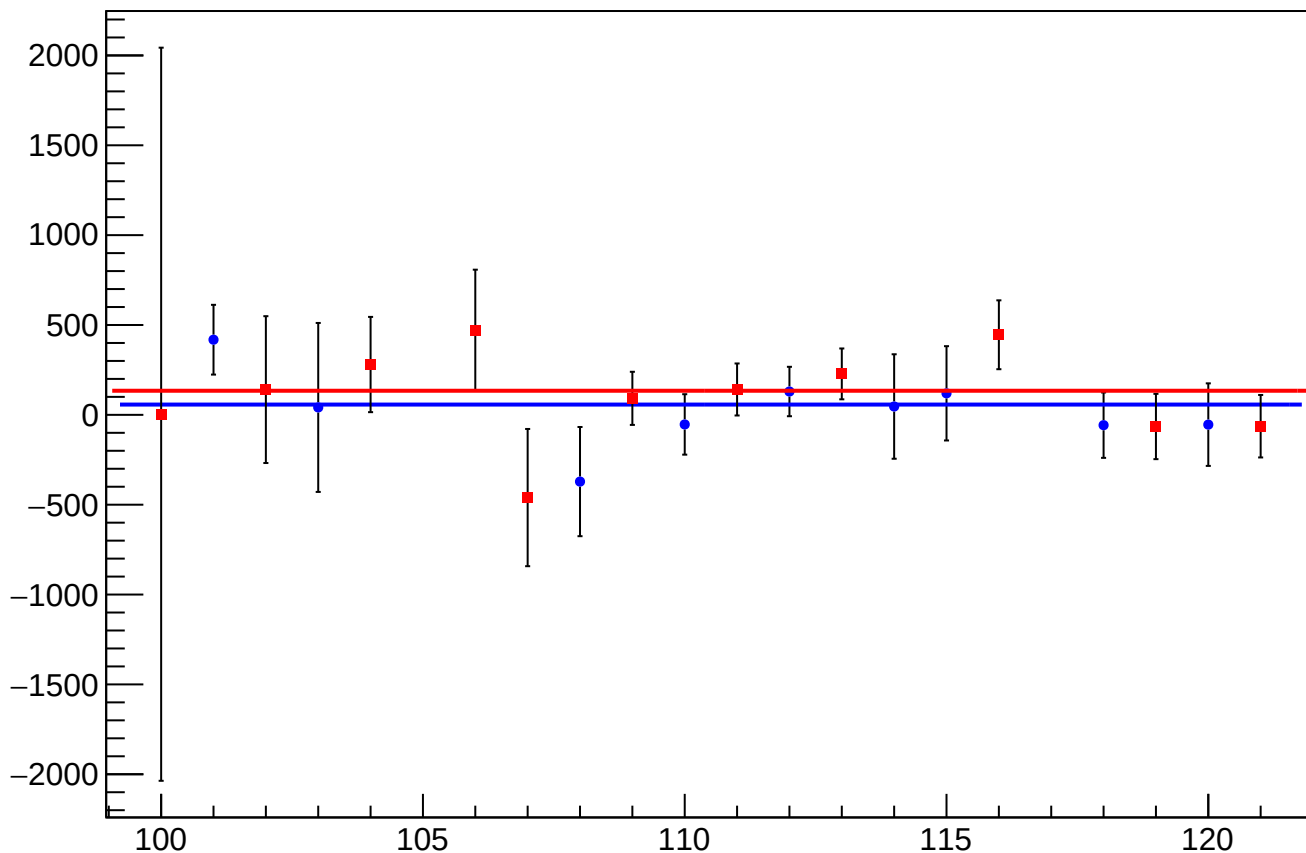
Right: 1621.266+/-0.408 χ^2/NDF : 557188.5/19

In: 1668.871+/-0.629 χ^2/NDF : 273284.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.266+/-0.408 χ^2/NDF : 557188.5/19

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.103+/-60.831 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

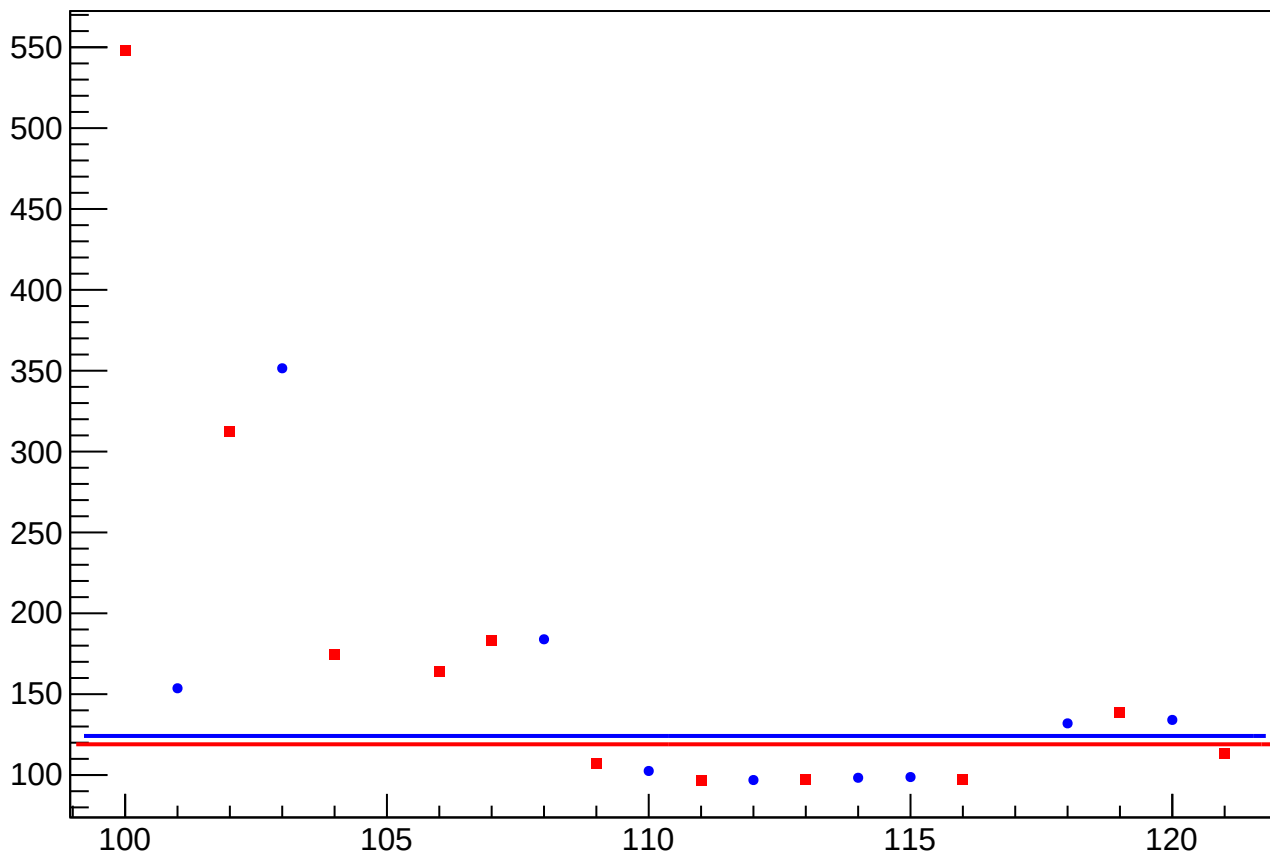
Right: 100.869+/-45.839 χ^2/NDF : 16.9/19

In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.869+/-45.839 χ^2/NDF : 16.9/19

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.008+/-0.043 χ^2/NDF : 876591.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

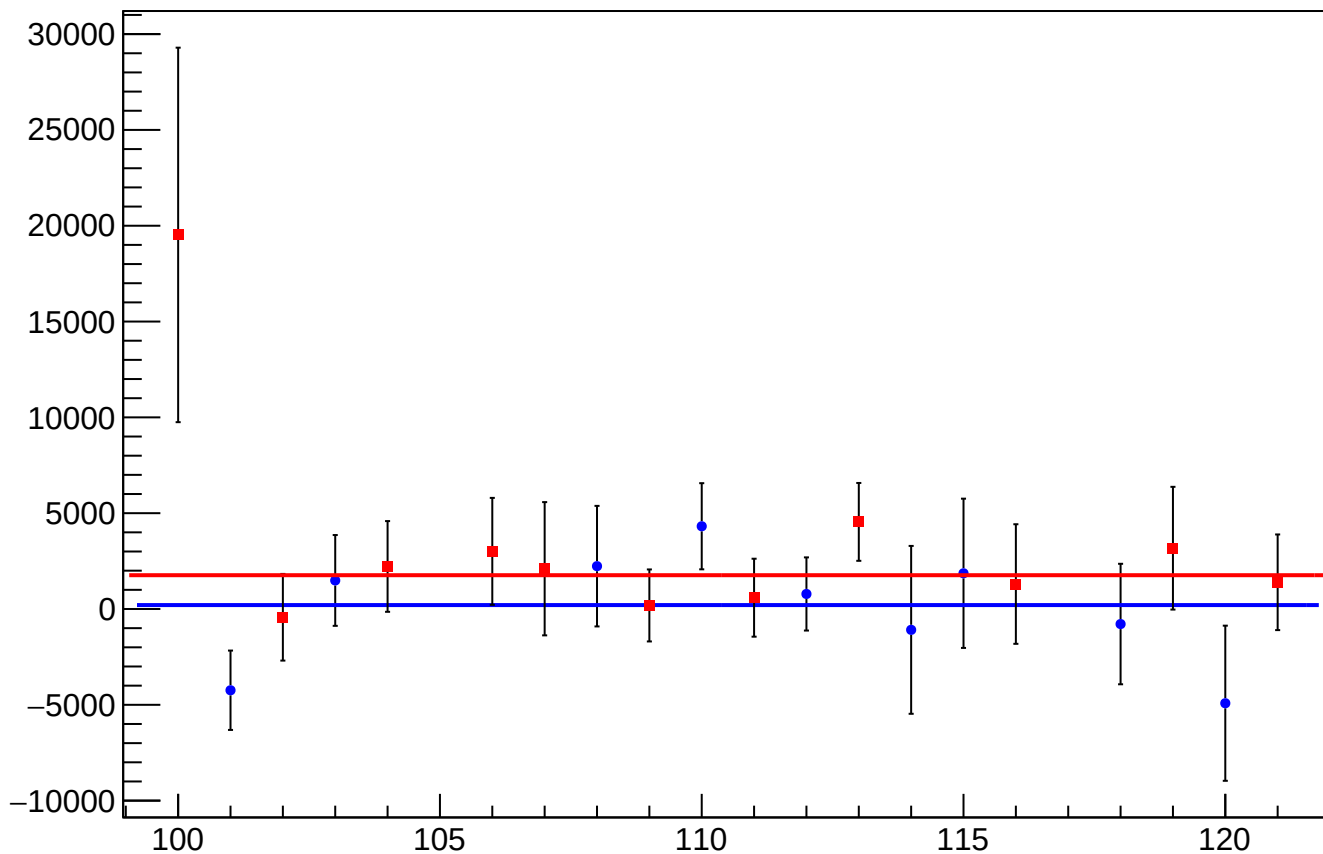
Right: 121.237+/-0.032 χ^2/NDF : 1627733.4/19

In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.237+/-0.032 χ^2/NDF : 1627733.4/19

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.773+/-889.072 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1763.659+/-761.649 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

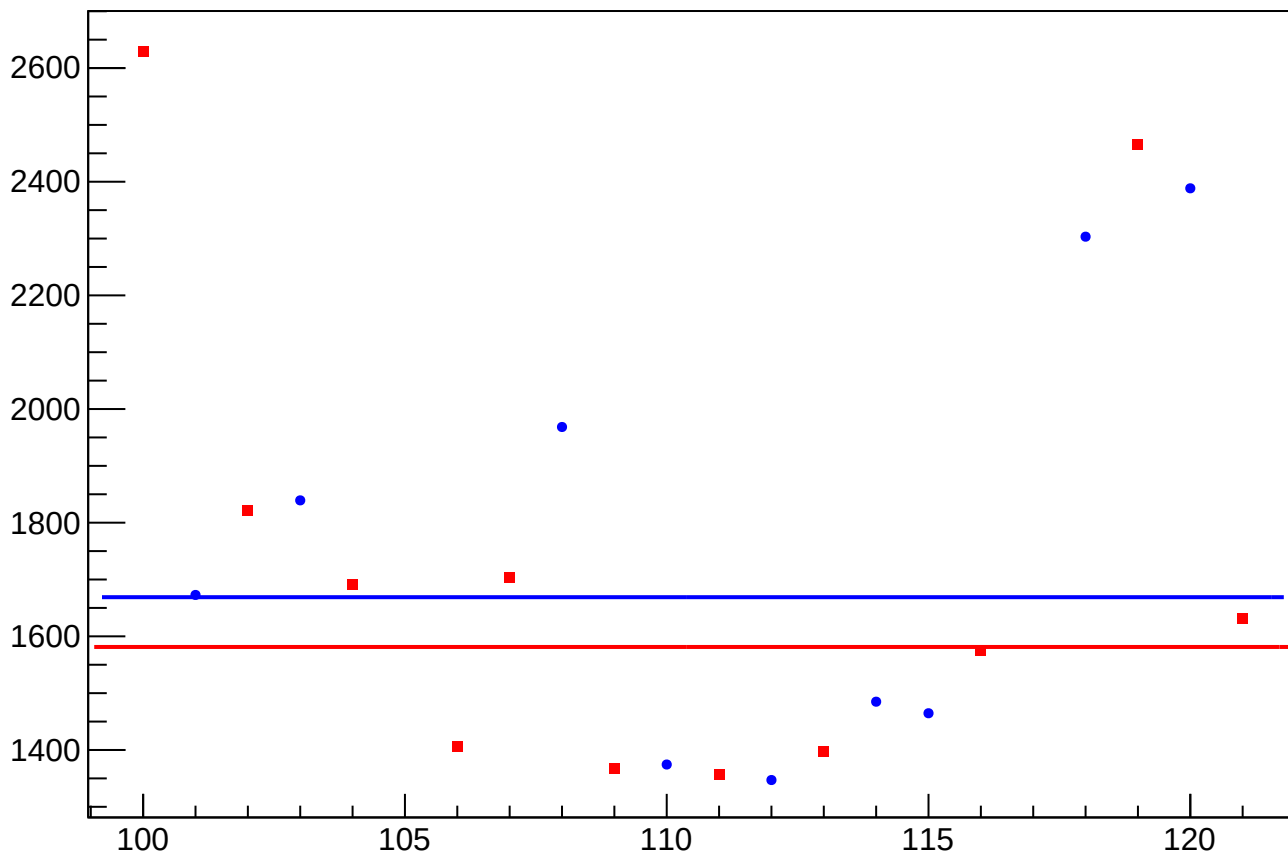
Right: 1103.837+/-578.419 χ^2/NDF : 20.1/19

In: 204.773+/-889.072 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.837+/-578.419 χ^2/NDF : 20.1/19

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.296+/-0.539 χ^2/NDF : 279728.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

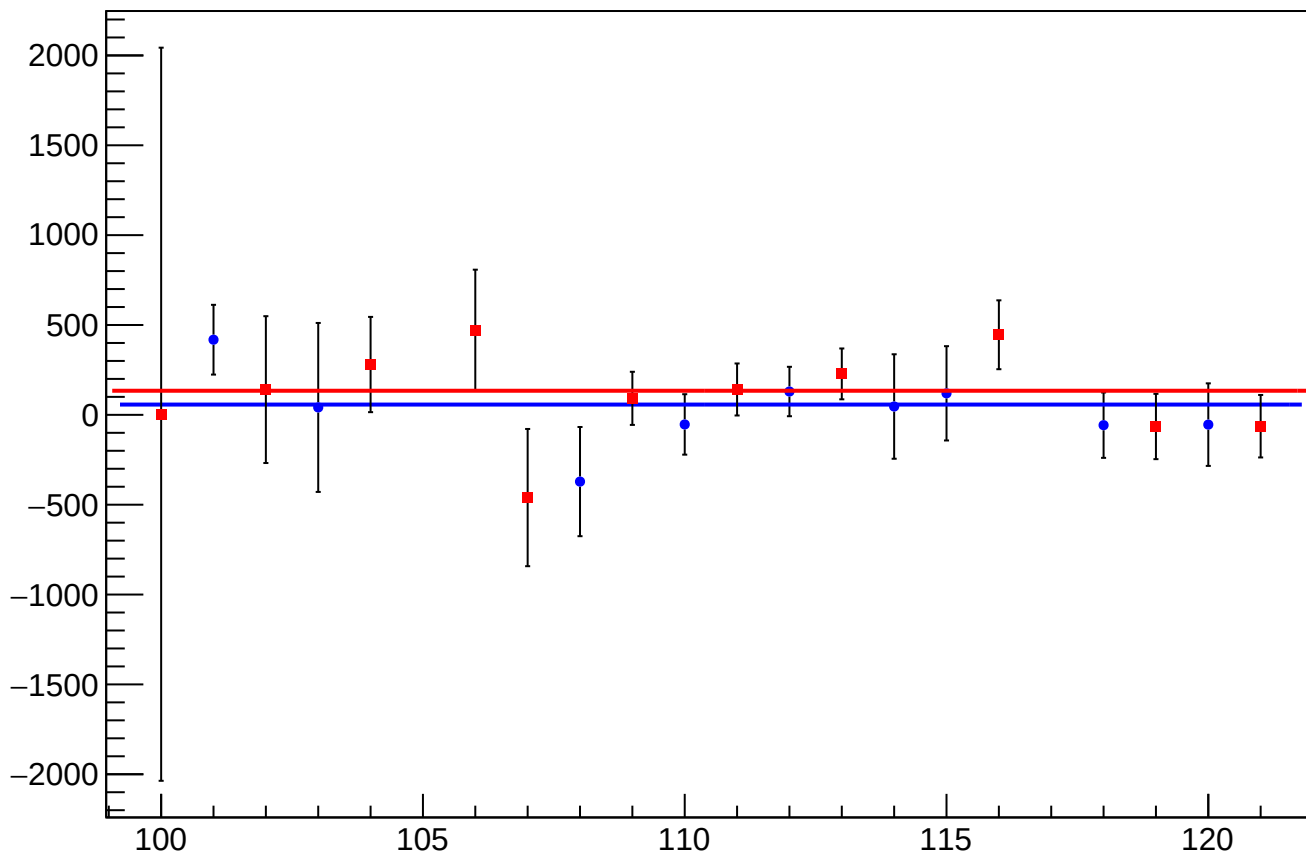
Right: 1618.372+/-0.409 χ^2/NDF : 564232.0/19

In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.372+/-0.409 χ^2/NDF : 564232.0/19

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.103+/-60.831 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

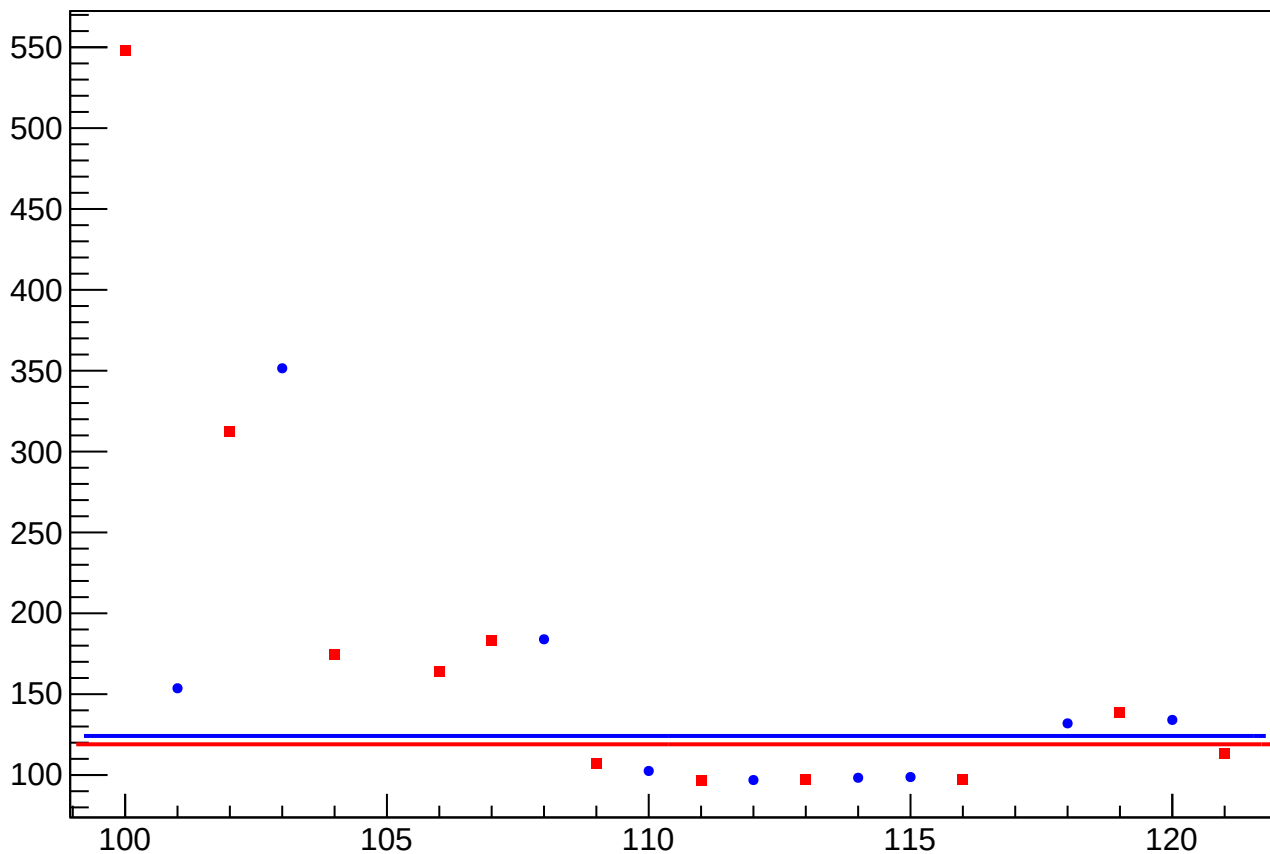
Right: 100.869+/-45.839 χ^2/NDF : 16.9/19

In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.869+/-45.839 χ^2/NDF : 16.9/19

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.008+/-0.043 χ^2/NDF : 876591.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

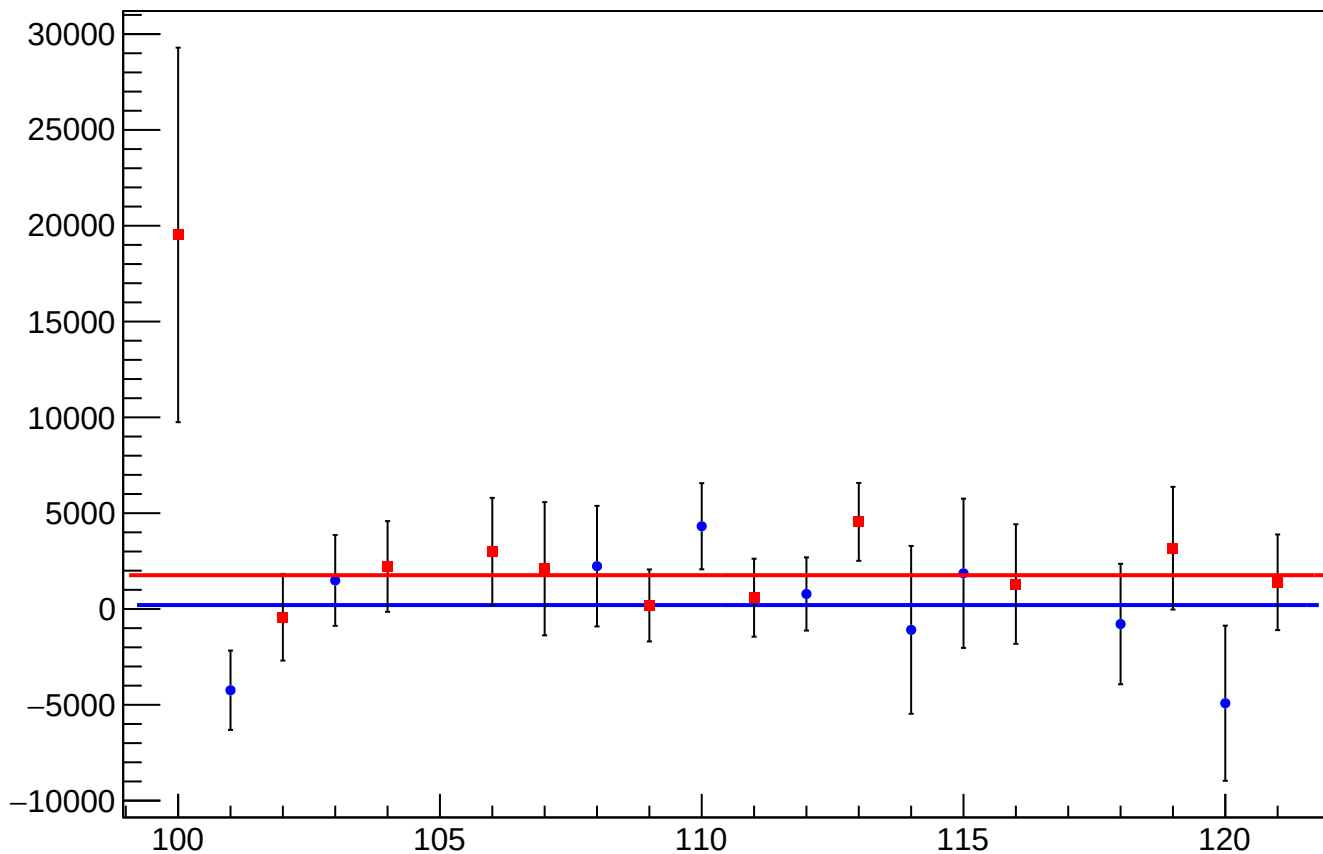
Right: 121.237+/-0.032 χ^2/NDF : 1627733.4/19

In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.237+/-0.032 χ^2/NDF : 1627733.4/19

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.773+/-889.072 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1763.659+/-761.649 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

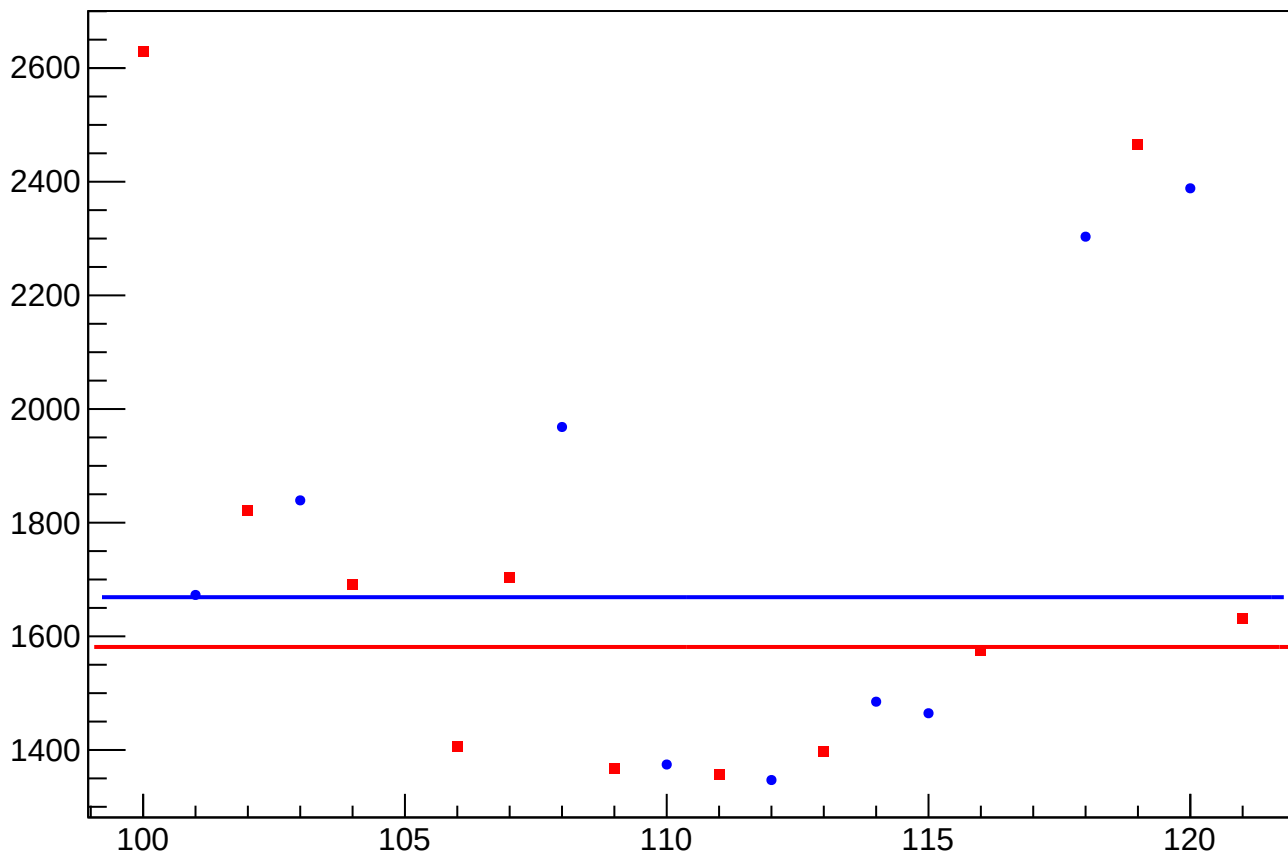
Right: 1103.837+/-578.419 χ^2/NDF : 20.1/19

In: 204.773+/-889.072 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.837+/-578.419 χ^2/NDF : 20.1/19

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.296+/-0.539 χ^2/NDF : 279728.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

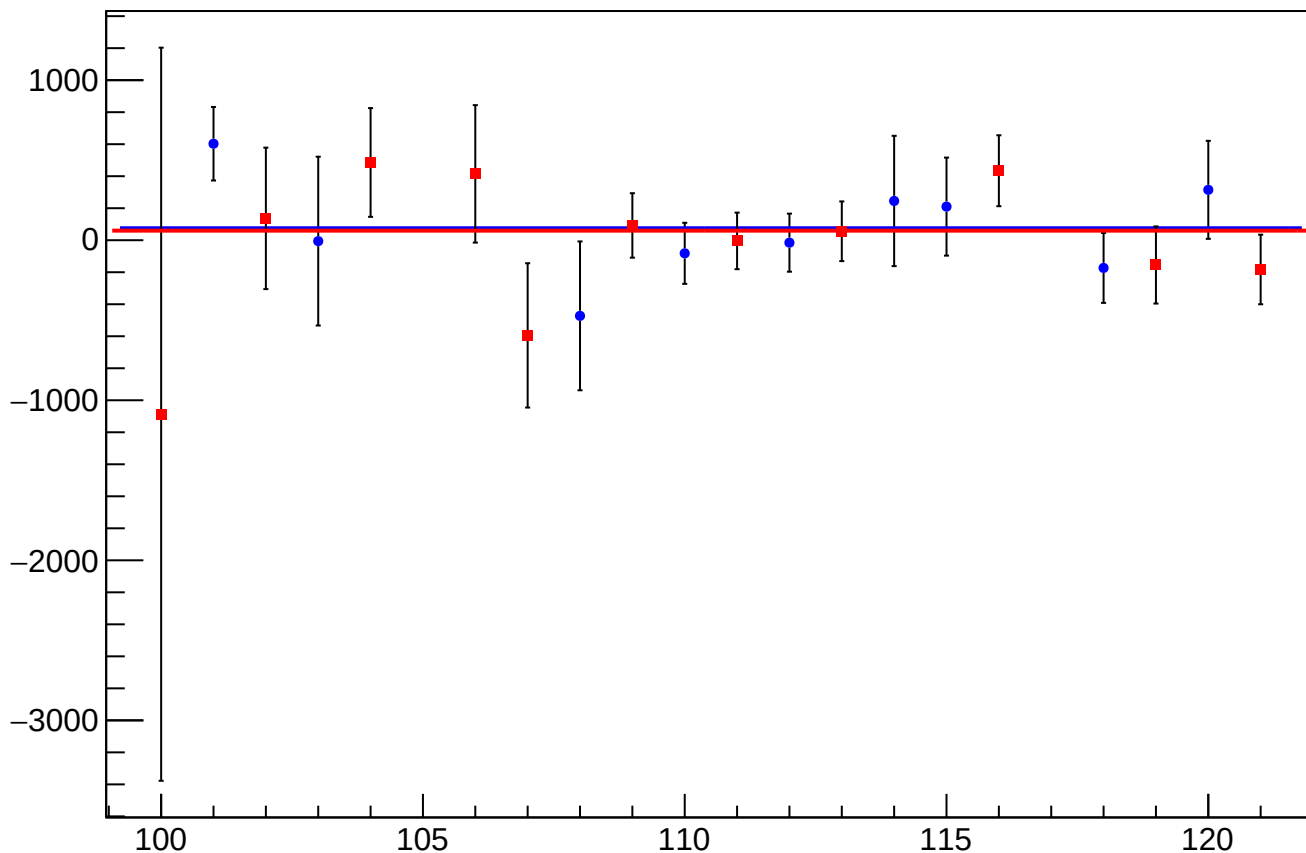
Right: 1618.372+/-0.409 χ^2/NDF : 564232.0/19

In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.372+/-0.409 χ^2/NDF : 564232.0/19

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 74.635+/-86.587 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.854+/-77.036 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

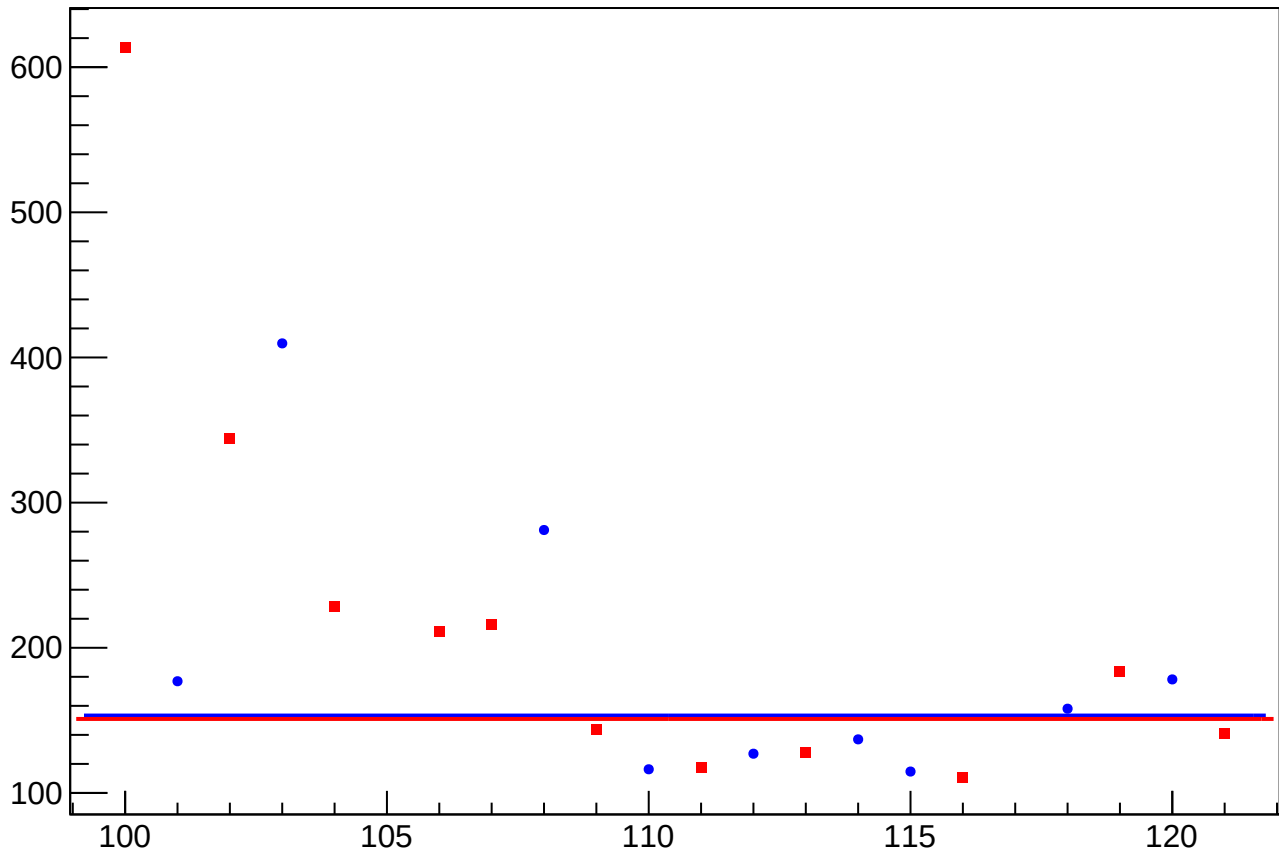
Right: 66.385+/-57.554 χ^2/NDF : 19.6/19

In: 74.635+/-86.587 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.385+/-57.554 χ^2/NDF : 19.6/19

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.310+/-0.061 χ^2/NDF : 811291.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.982+/-0.054 χ^2/NDF : 861938.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

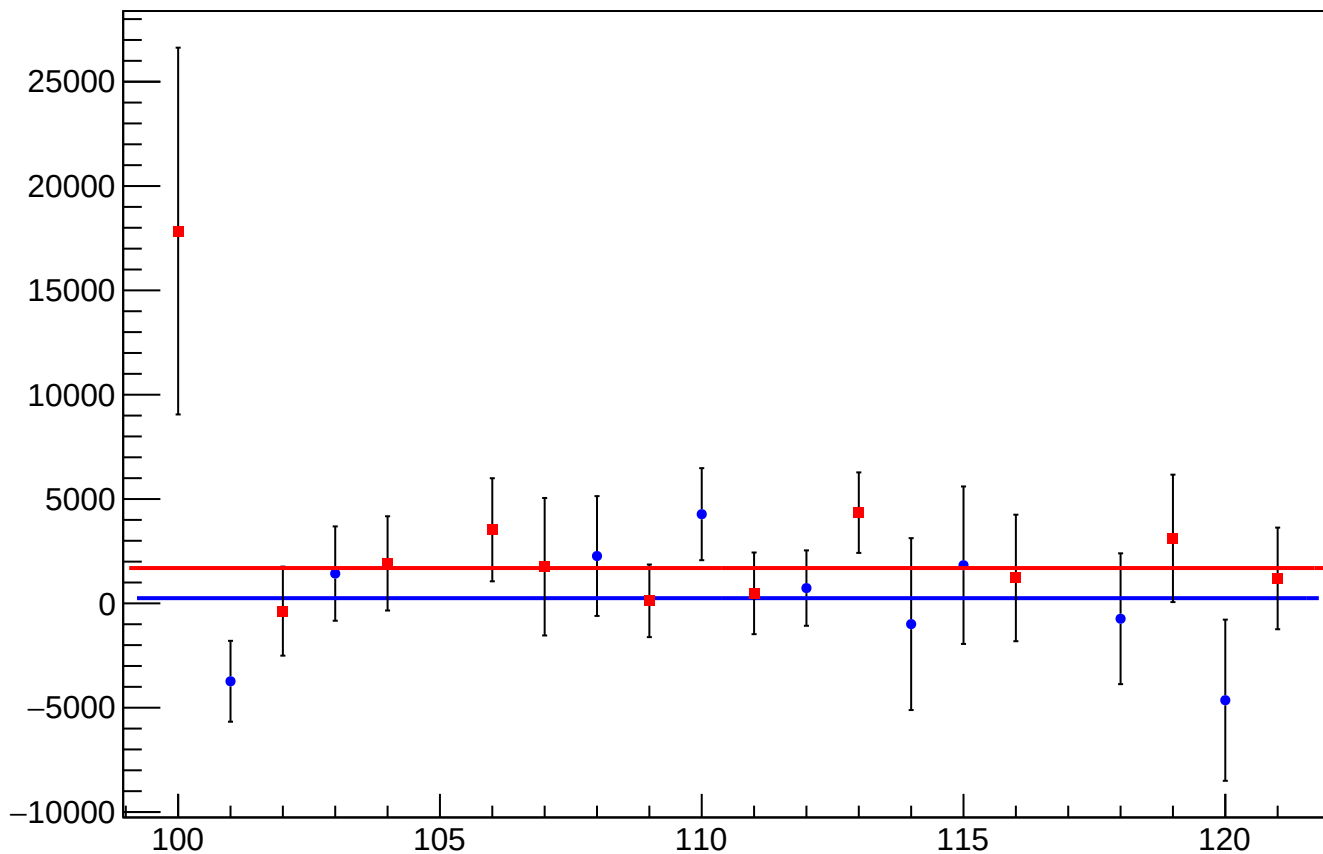
Right: 152.010+/-0.041 χ^2/NDF : 1674037.0/19

In: 153.310+/-0.061 χ^2/NDF : 811291.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.010+/-0.041 χ^2/NDF : 1674037.0/19

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.944+/-847.237 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.086+/-719.870 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

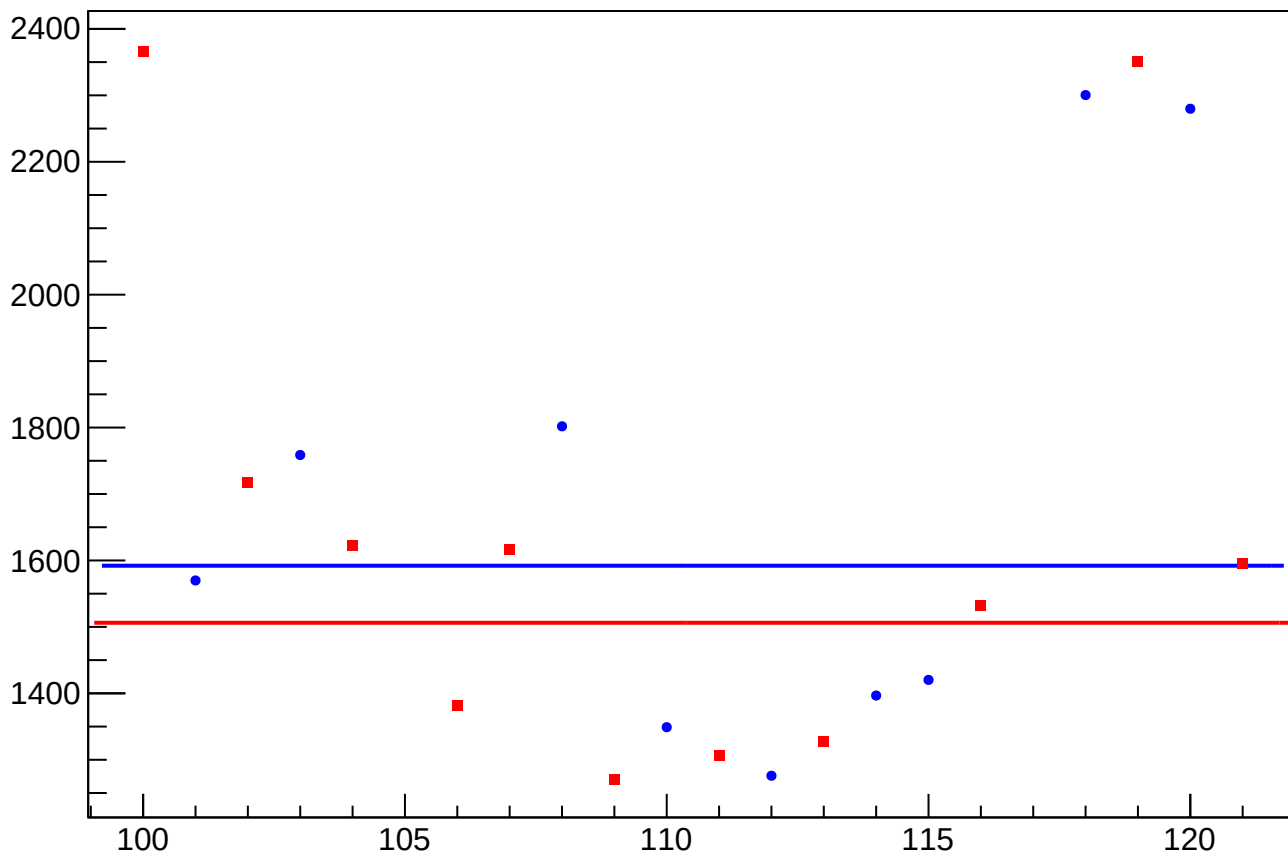
Right: 1088.037+/-548.587 χ^2/NDF : 20.3/19

In: 249.944+/-847.237 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.037+/-548.587 χ^2/NDF : 20.3/19

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1592.082+/-0.599 χ^2/NDF : 281574.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1506.234+/-0.509 χ^2/NDF : 282076.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

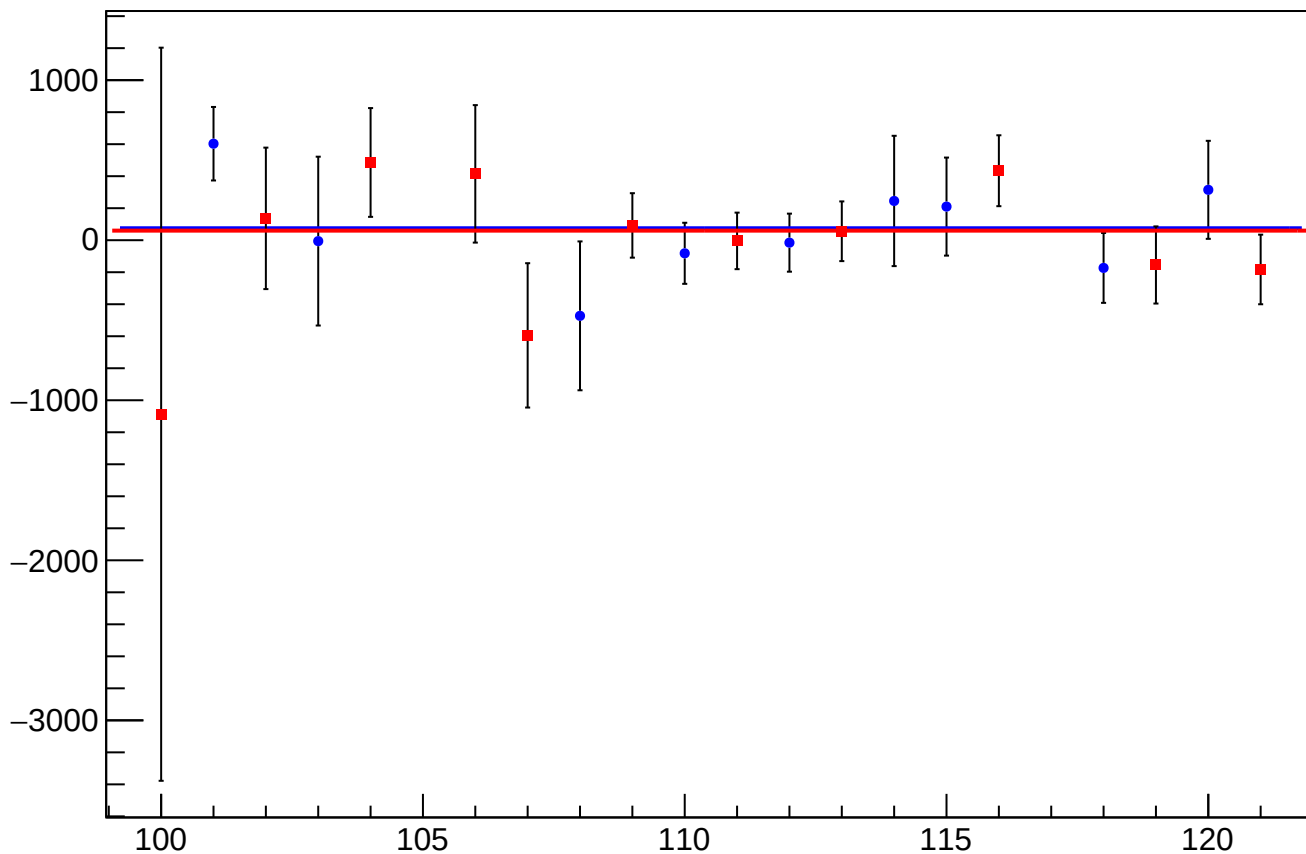
Right: 1542.226+/-0.388 χ^2/NDF : 575576.3/19

In: 1592.082+/-0.599 χ^2/NDF : 281574.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1542.226+/-0.388 χ^2/NDF : 575576.3/19

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 74.632+/-86.587 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.852+/-77.036 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

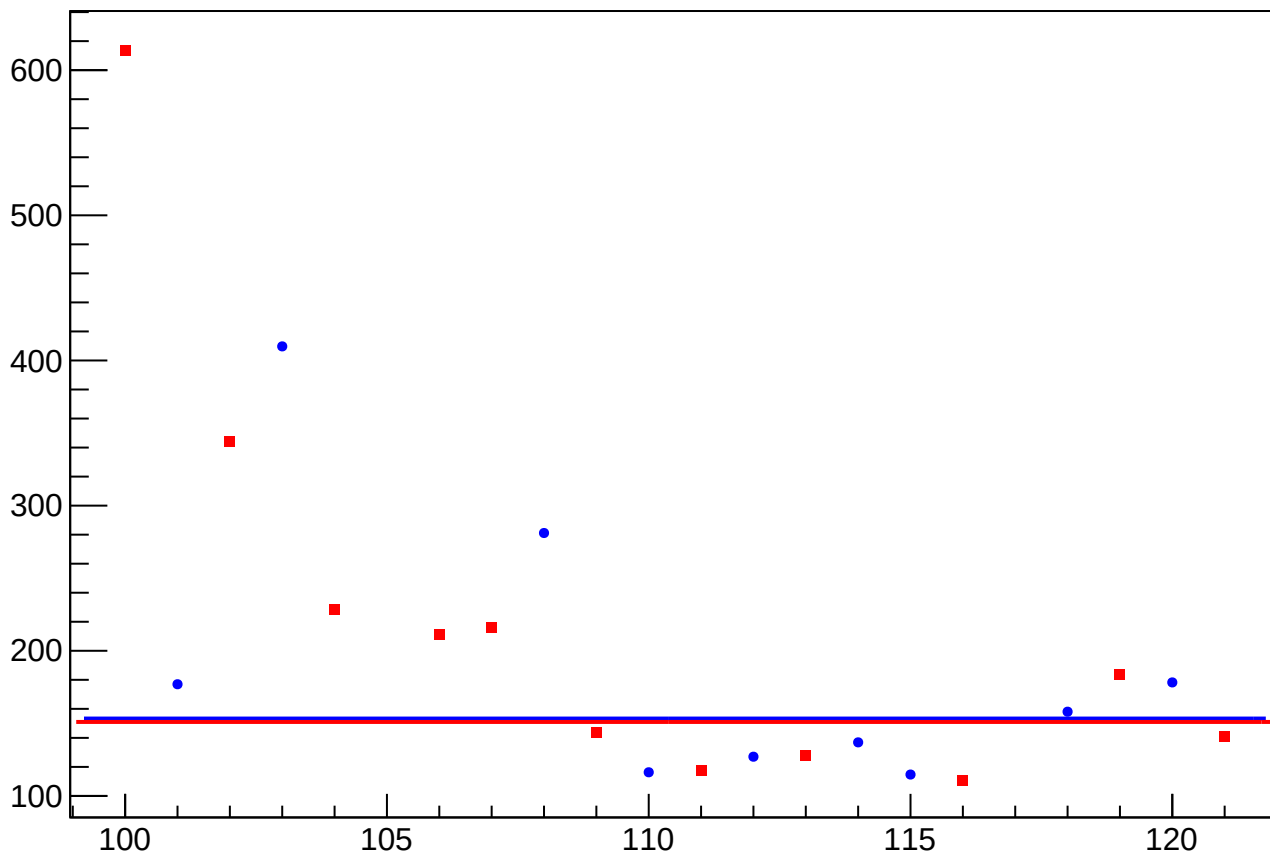
Right: 66.382+/-57.555 χ^2/NDF : 19.6/19

In: 74.632+/-86.587 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.382+/-57.555 χ^2/NDF : 19.6/19

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.311+/-0.061 χ^2/NDF : 811288.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.982+/-0.054 χ^2/NDF : 861934.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

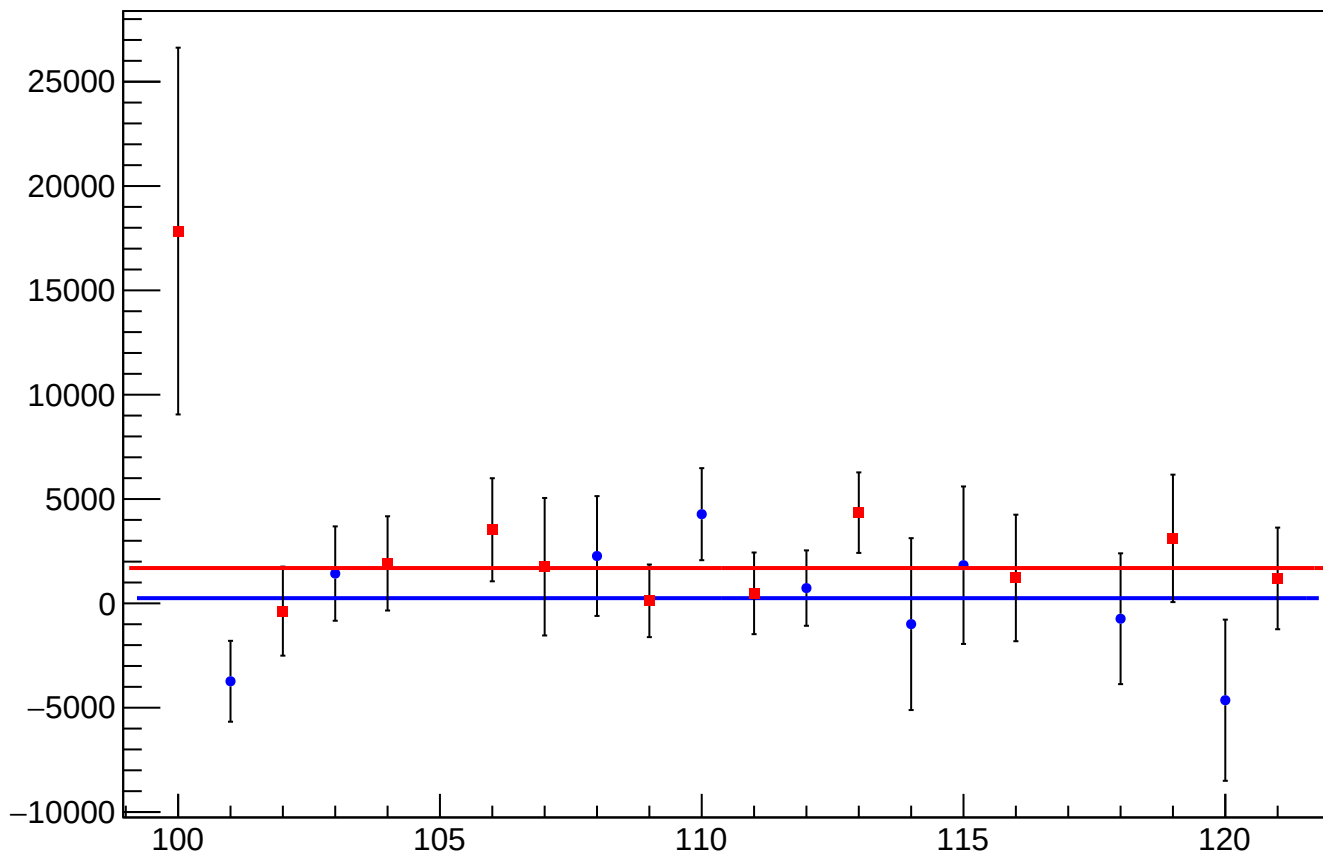
Right: 152.011+/-0.041 χ^2/NDF : 1674029.9/19

In: 153.311+/-0.061 χ^2/NDF : 811288.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.011+/-0.041 χ^2/NDF : 1674029.9/19

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.944+/-847.236 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.082+/-719.869 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

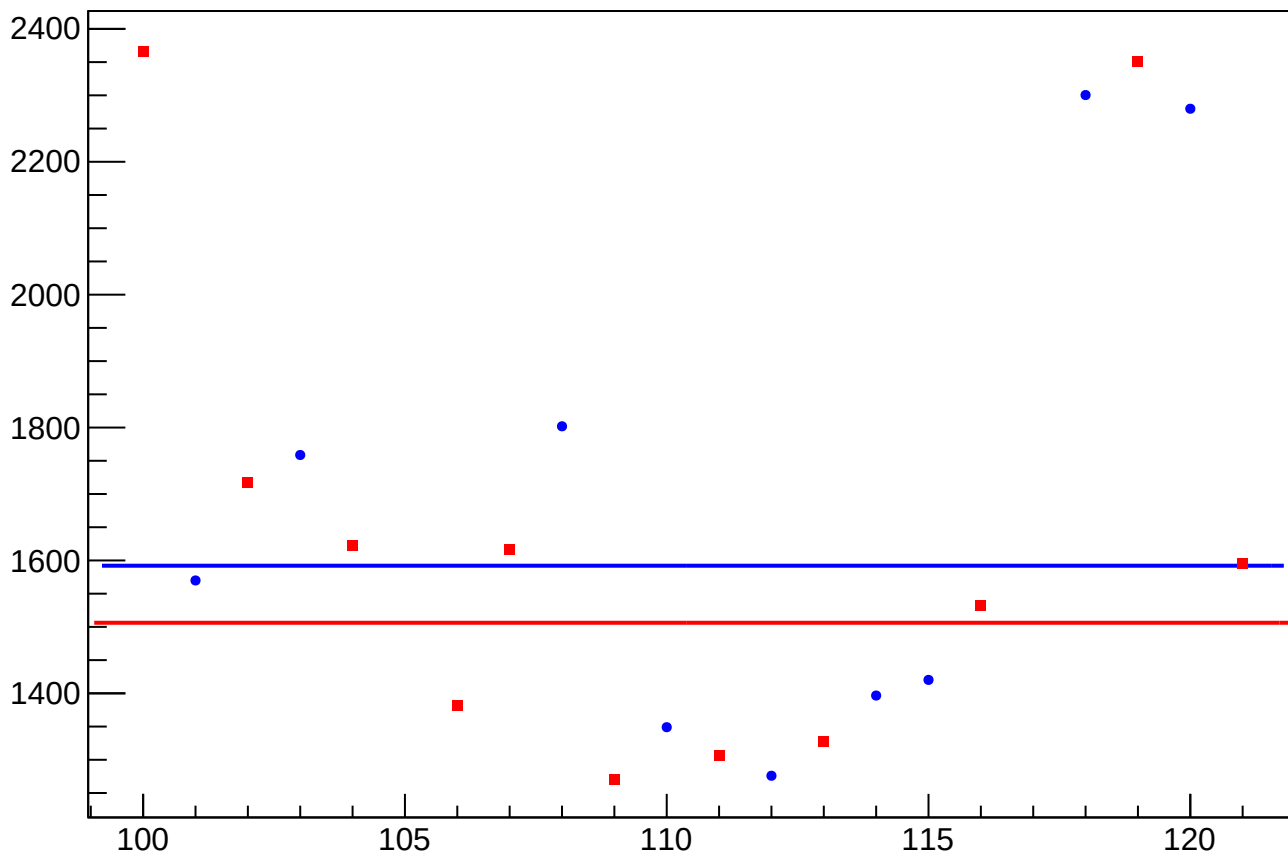
Right: 1088.035+/-548.586 χ^2/NDF : 20.3/19

In: 249.944+/-847.236 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.035+/-548.586 χ^2/NDF : 20.3/19

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1592.079+/-0.599 χ^2/NDF : 281576.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1506.231+/-0.509 χ^2/NDF : 282076.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

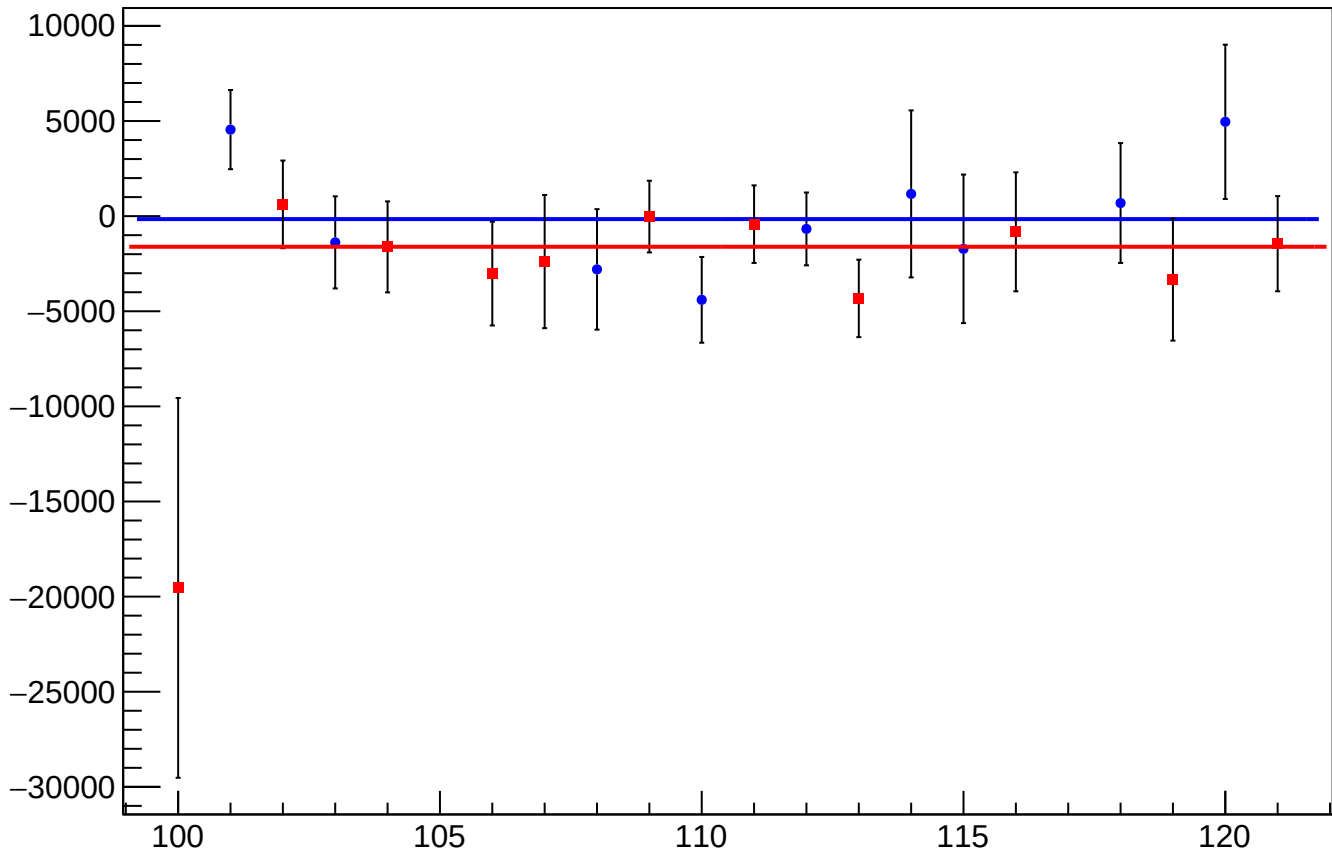
Right: 1542.223+/-0.388 χ^2/NDF : 575578.5/19

In: 1592.079+/-0.599 χ^2/NDF : 281576.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1542.223+/-0.388 χ^2/NDF : 575578.5/19

asym_sam3_mean vs Slug, Sign Corrected



Right In: -155.919+/-894.388 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1608.913+/-764.371 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

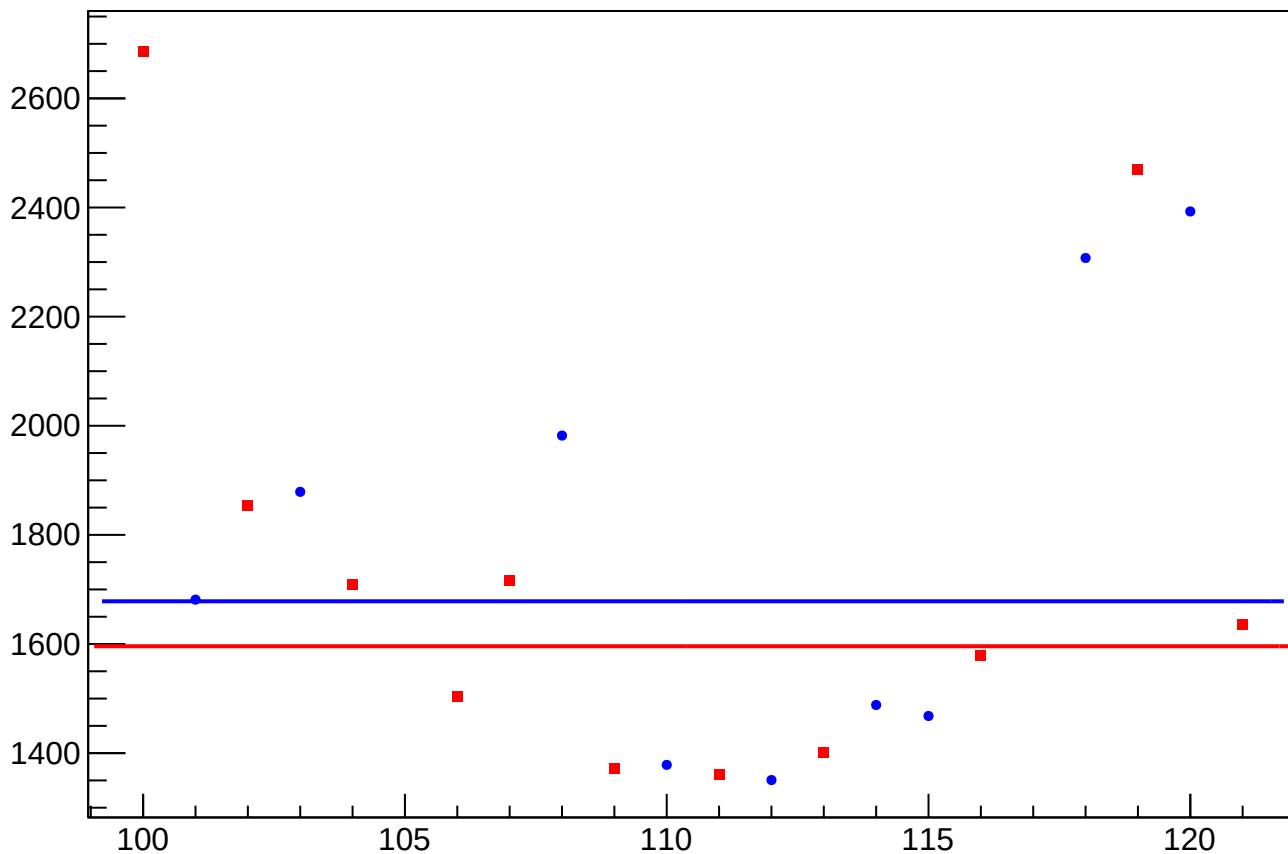
Right: -995.609+/-581.074 χ^2/NDF : 20.8/19

In: -155.919+/-894.388 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -995.609+/-581.074 χ^2/NDF : 20.8/19

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1678.285+/-0.632 χ^2/NDF : 277565.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1595.915+/-0.540 χ^2/NDF : 280111.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

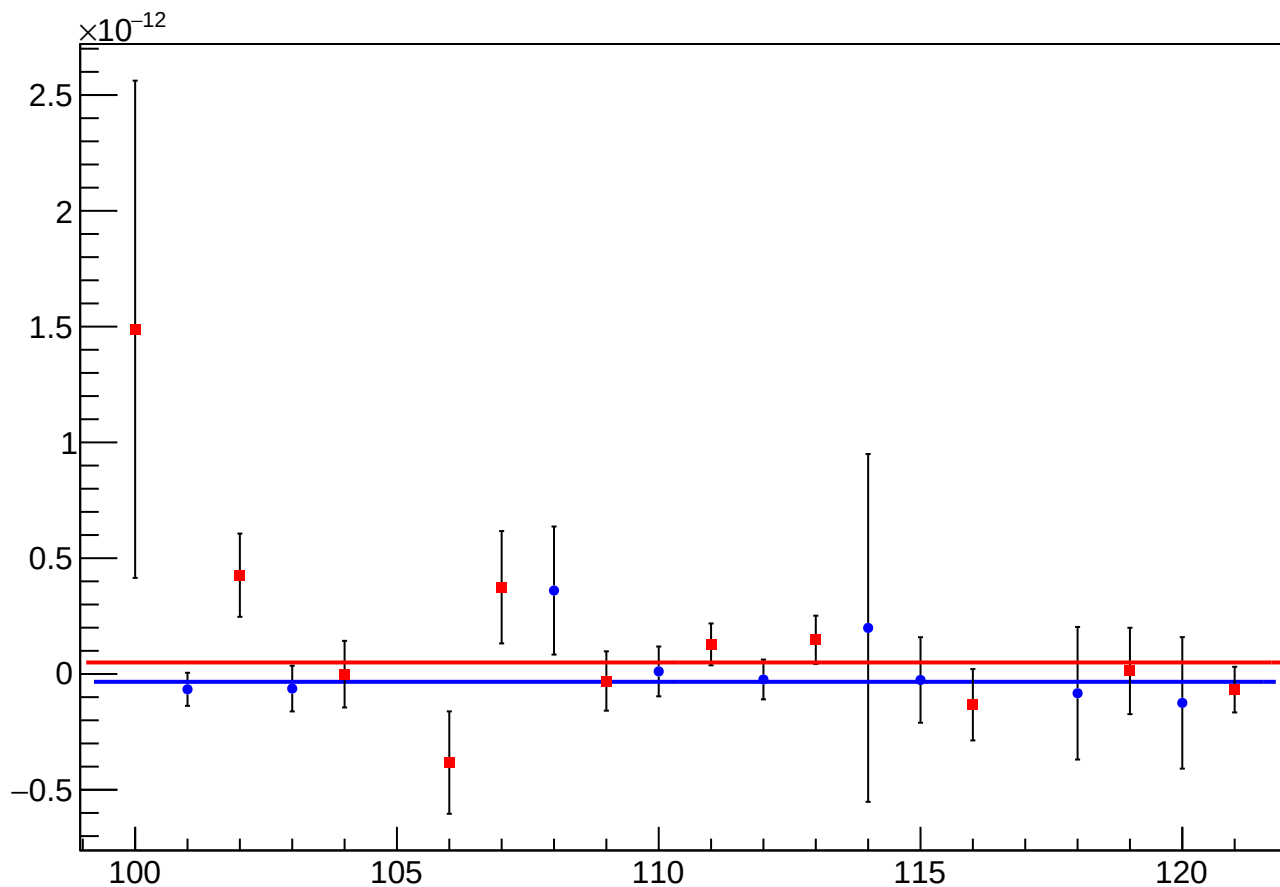
Right: 1630.683+/-0.411 χ^2/NDF : 567480.4/19

In: 1678.285+/-0.632 χ^2/NDF : 277565.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.683+/-0.411 χ^2/NDF : 567480.4/19

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 2.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 16.8/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

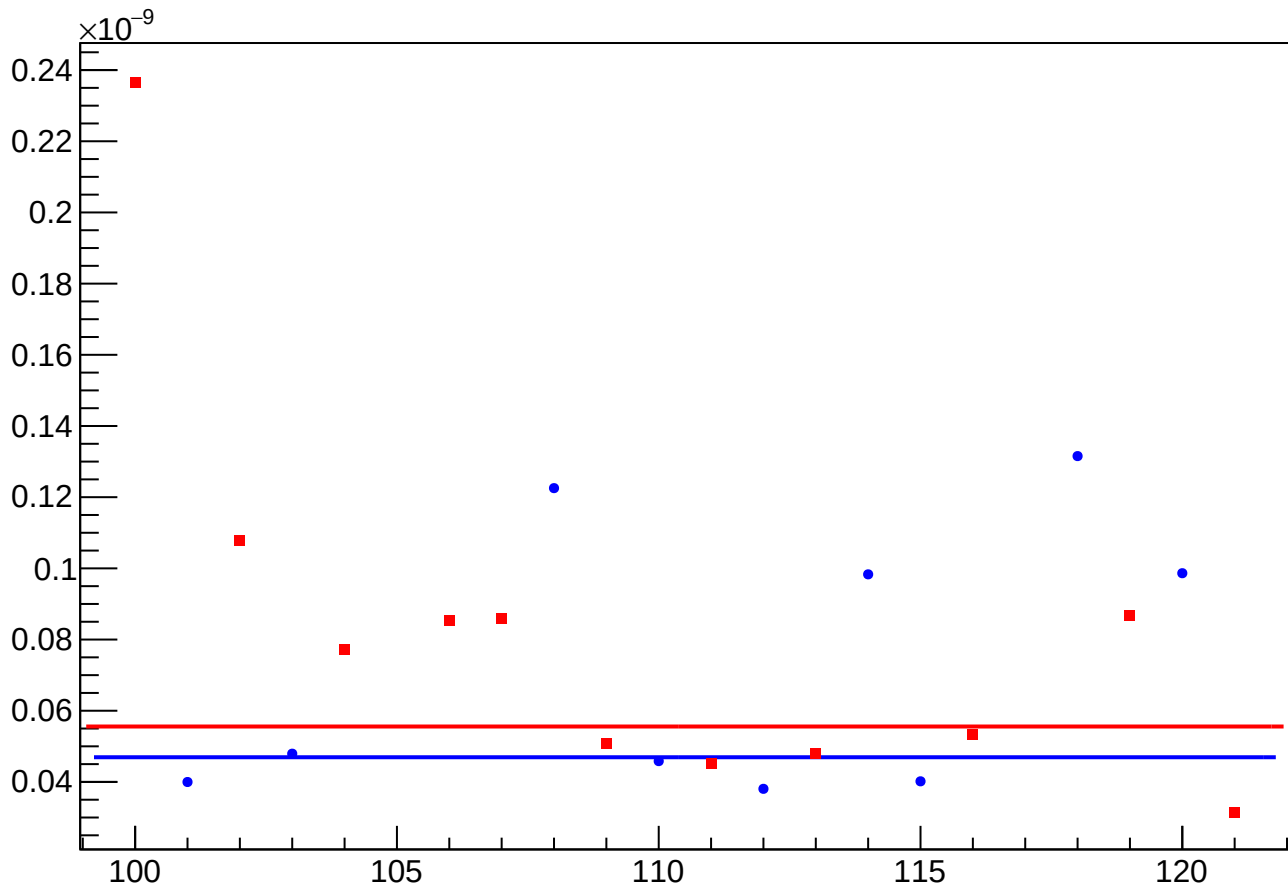
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 21.6/19

In: -0.000 $\pm$ 0.000 χ^2/NDF : 2.7/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 21.6/19

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 443289.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 554681.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

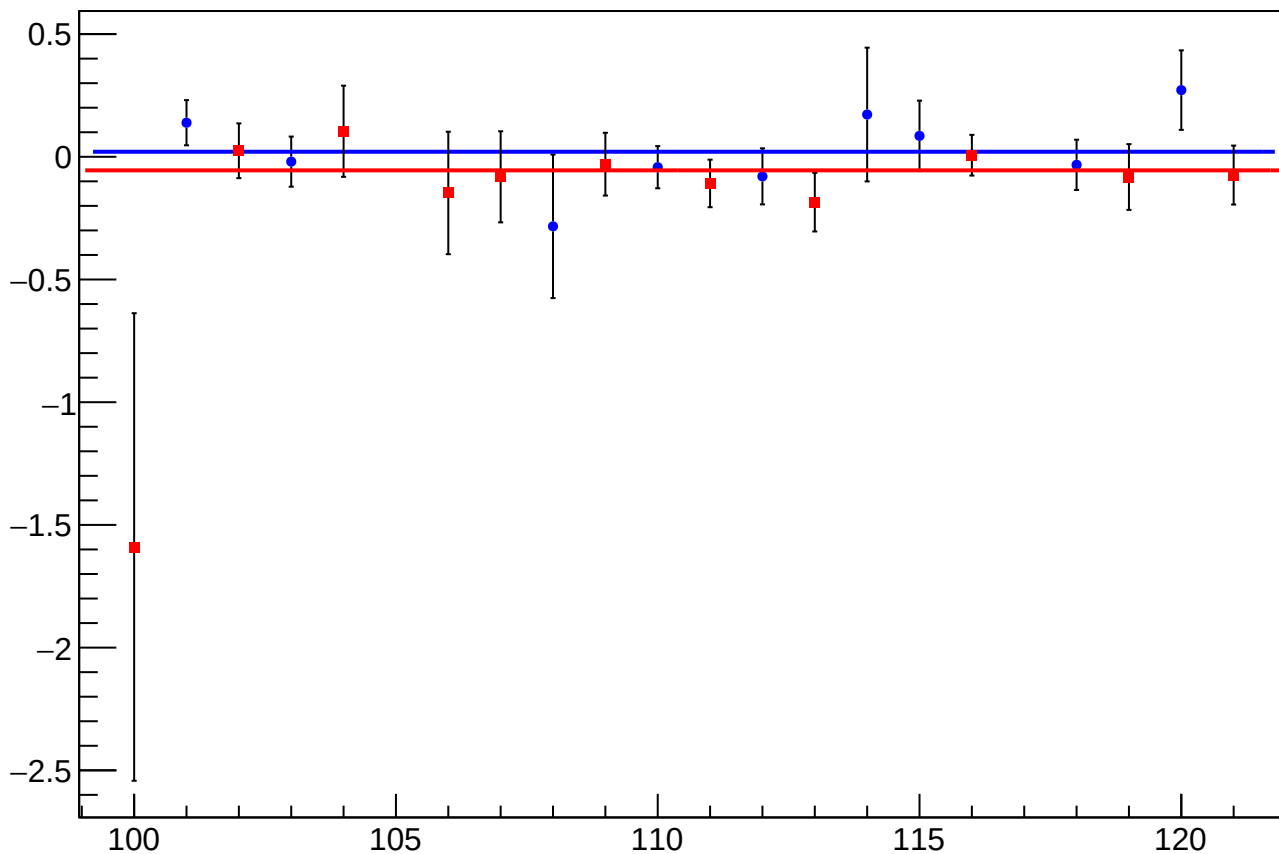
Right: 0.000+/-0.000 χ^2/NDF : 1041061.0/19

In: 0.000+/-0.000 χ^2/NDF : 443289.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1041061.0/19

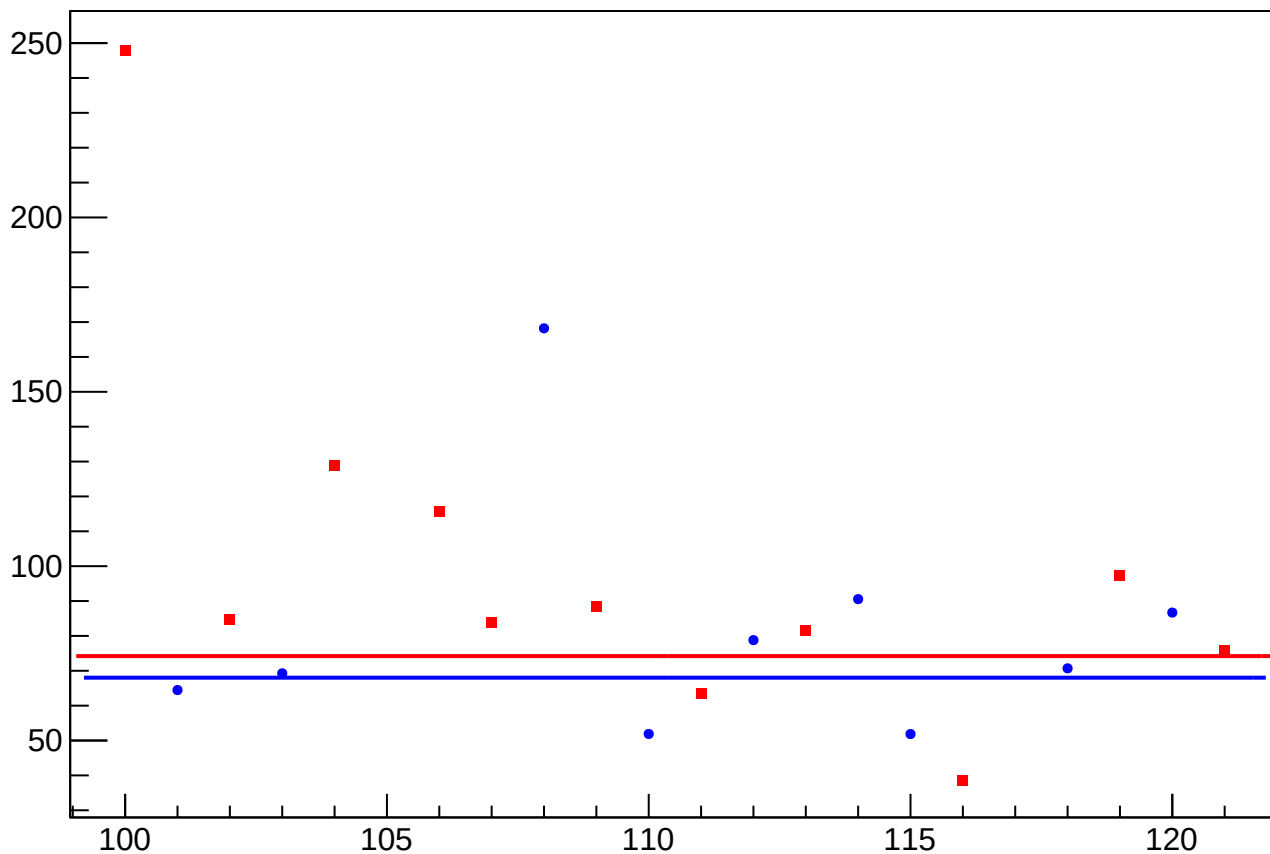
asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.040 χ^2 /NDF: 7.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.055 $\pm$ 0.039 χ^2 /NDF: 6.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.018 $\pm$ 0.028 χ^2 /NDF: 15.4/19
 In: 0.021 $\pm$ 0.040 χ^2 /NDF: 7.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.018 $\pm$ 0.028 χ^2 /NDF: 15.4/19

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.212+/-0.027 χ^2/NDF : 806322.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

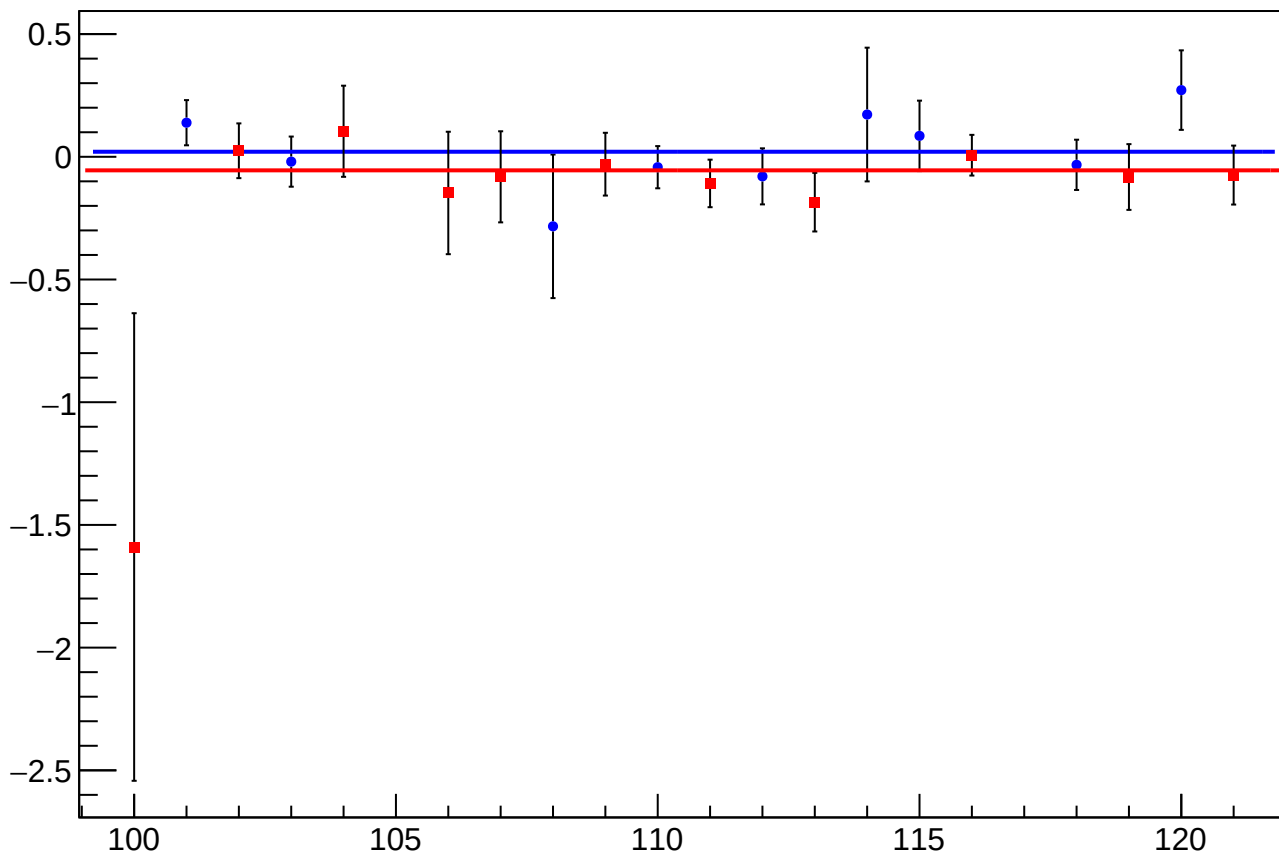
Right: 71.191+/-0.020 χ^2/NDF : 1224323.1/19

In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.191+/-0.020 χ^2/NDF : 1224323.1/19

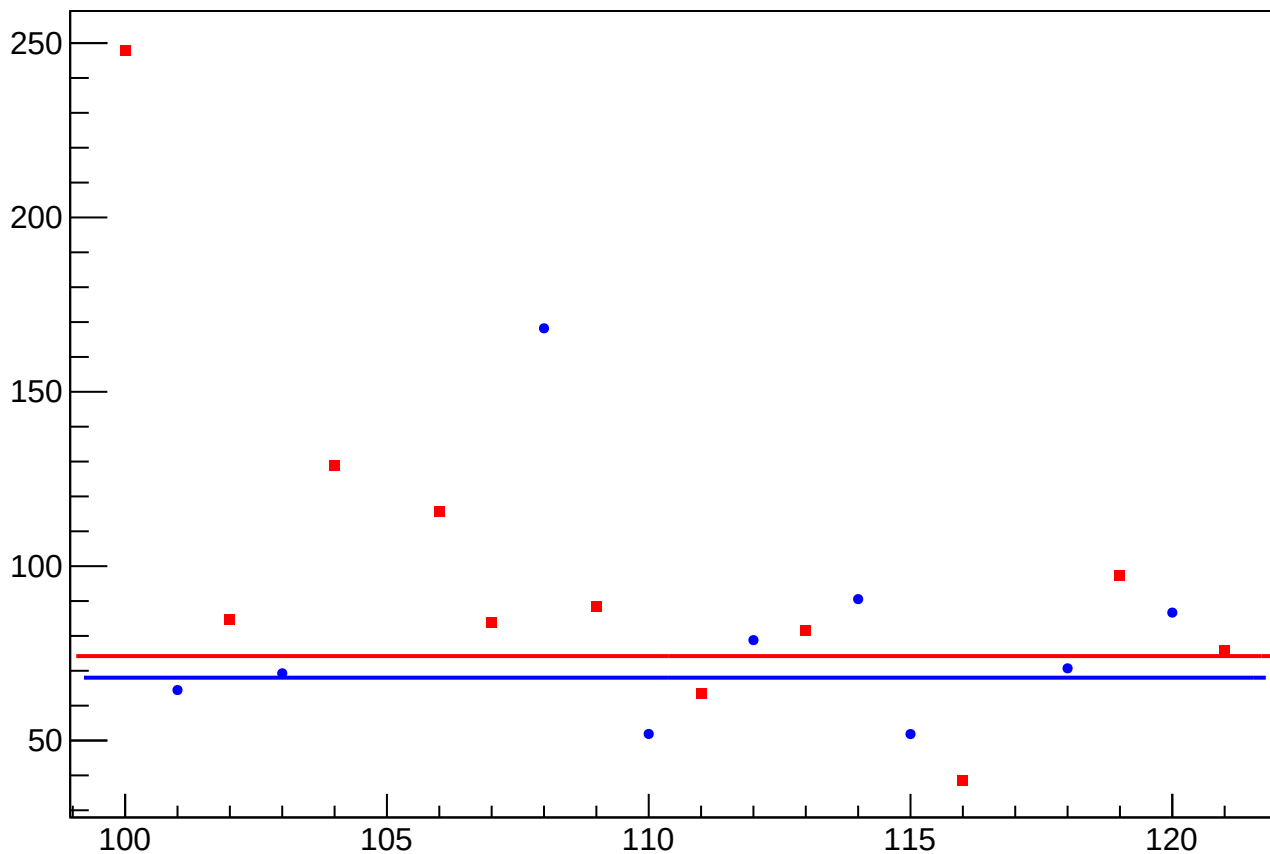
asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.040 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.055+/-0.039 χ^2/NDF : 6.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.018+/-0.028 χ^2/NDF : 15.4/19
 In: 0.021+/-0.040 χ^2/NDF : 7.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.018+/-0.028 χ^2/NDF : 15.4/19

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.212+/-0.027 χ^2/NDF : 806322.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

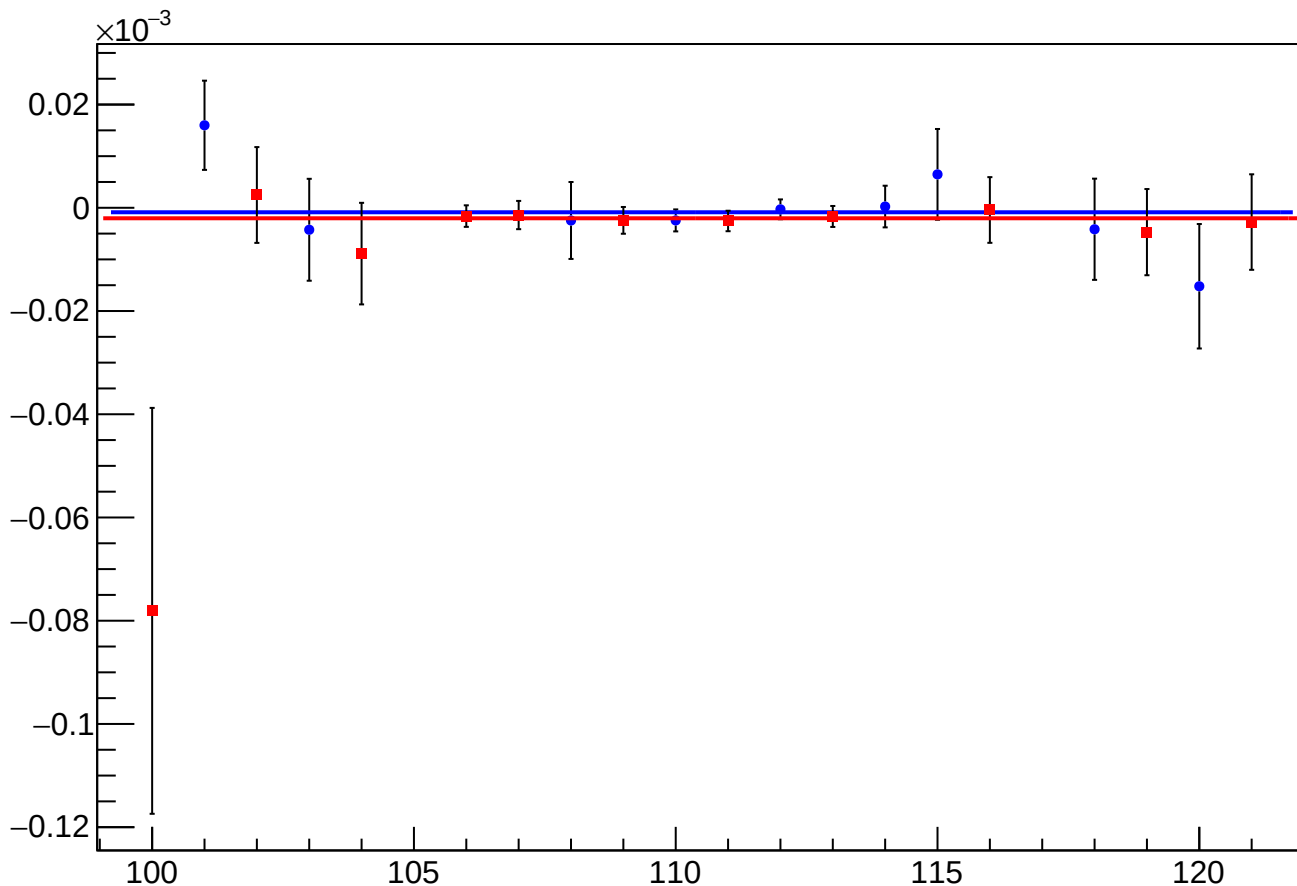
Right: 71.191+/-0.020 χ^2/NDF : 1224323.1/19

In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.191+/-0.020 χ^2/NDF : 1224323.1/19

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

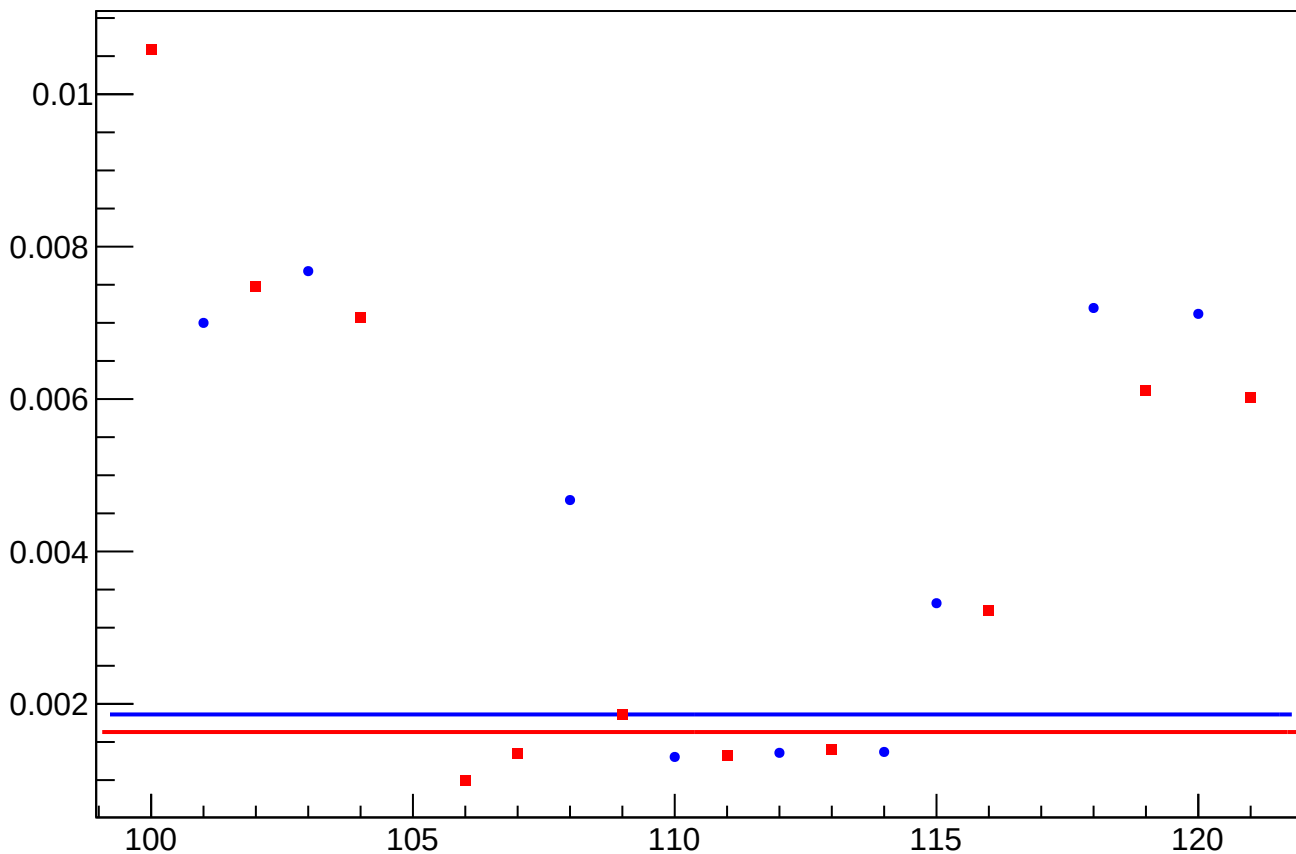
Right: -0.000+/-0.000 χ^2 /NDF: 12.3/19

In: -0.000+/-0.000 χ^2 /NDF:6.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.3/19

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3017957.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2956611.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

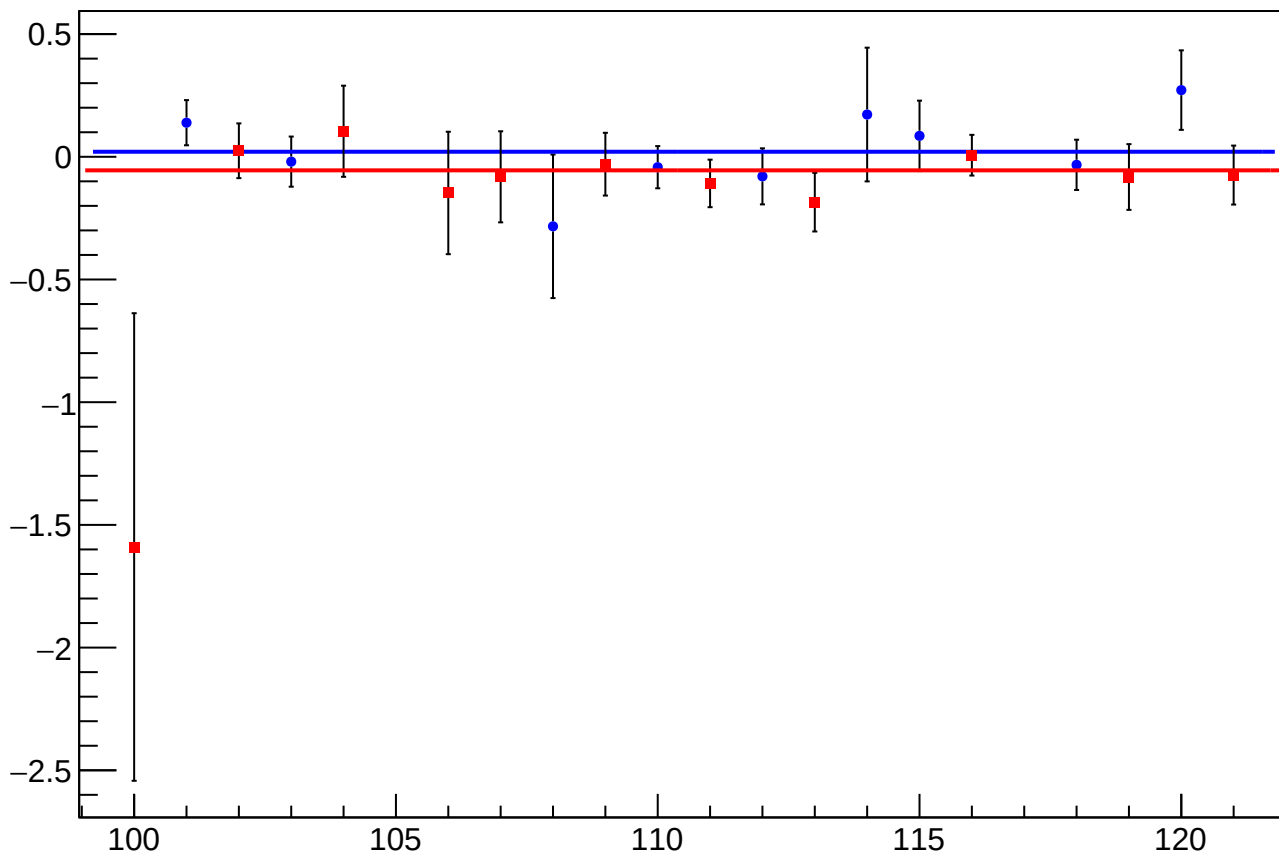
Right: 0.002+/-0.000 χ^2/NDF : 6016737.6/19

In: 0.002+/-0.000 χ^2/NDF : 3017957.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6016737.6/19

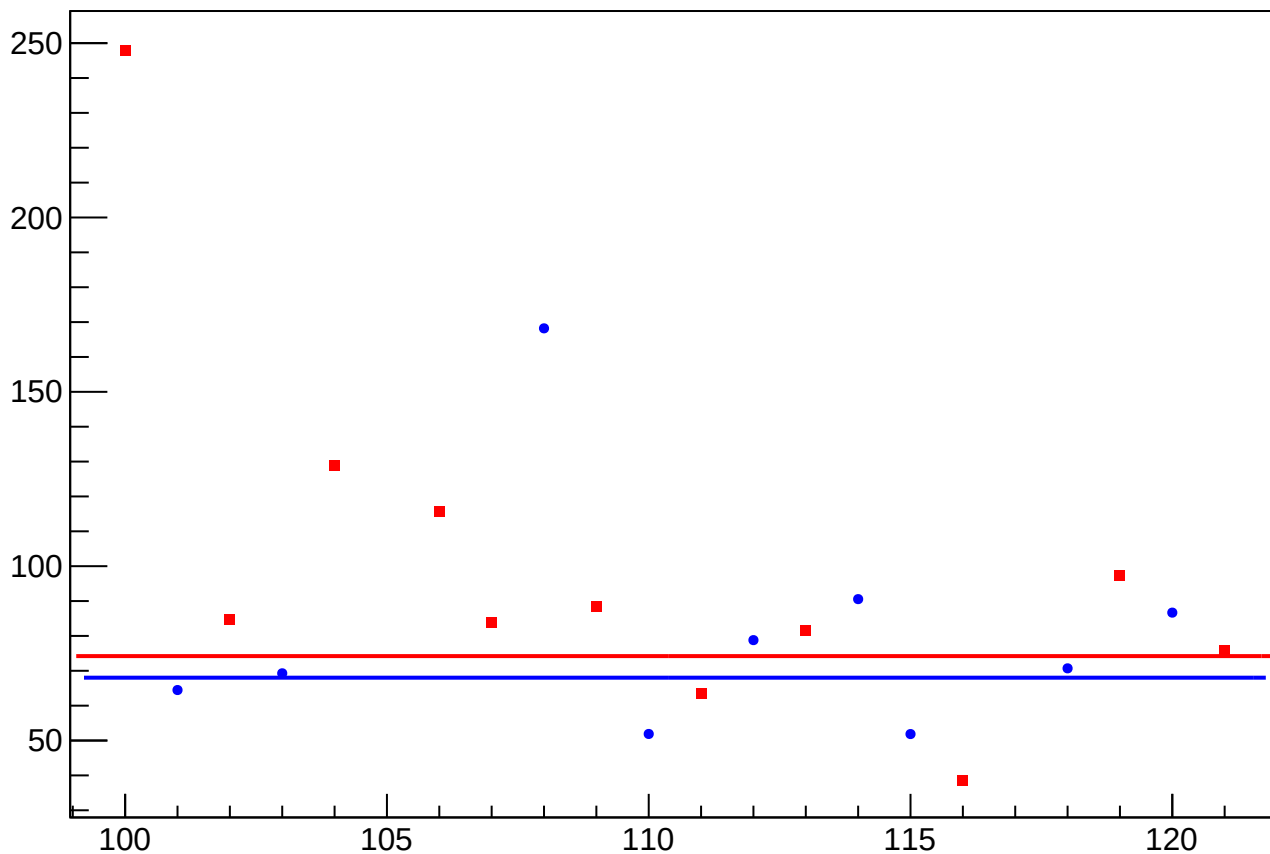
asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.040 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.055+/-0.039 χ^2/NDF : 6.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.018+/-0.028 χ^2/NDF : 15.4/19
 In: 0.021+/-0.040 χ^2/NDF : 7.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.018+/-0.028 χ^2/NDF : 15.4/19

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.214+/-0.027 χ^2/NDF : 806320.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

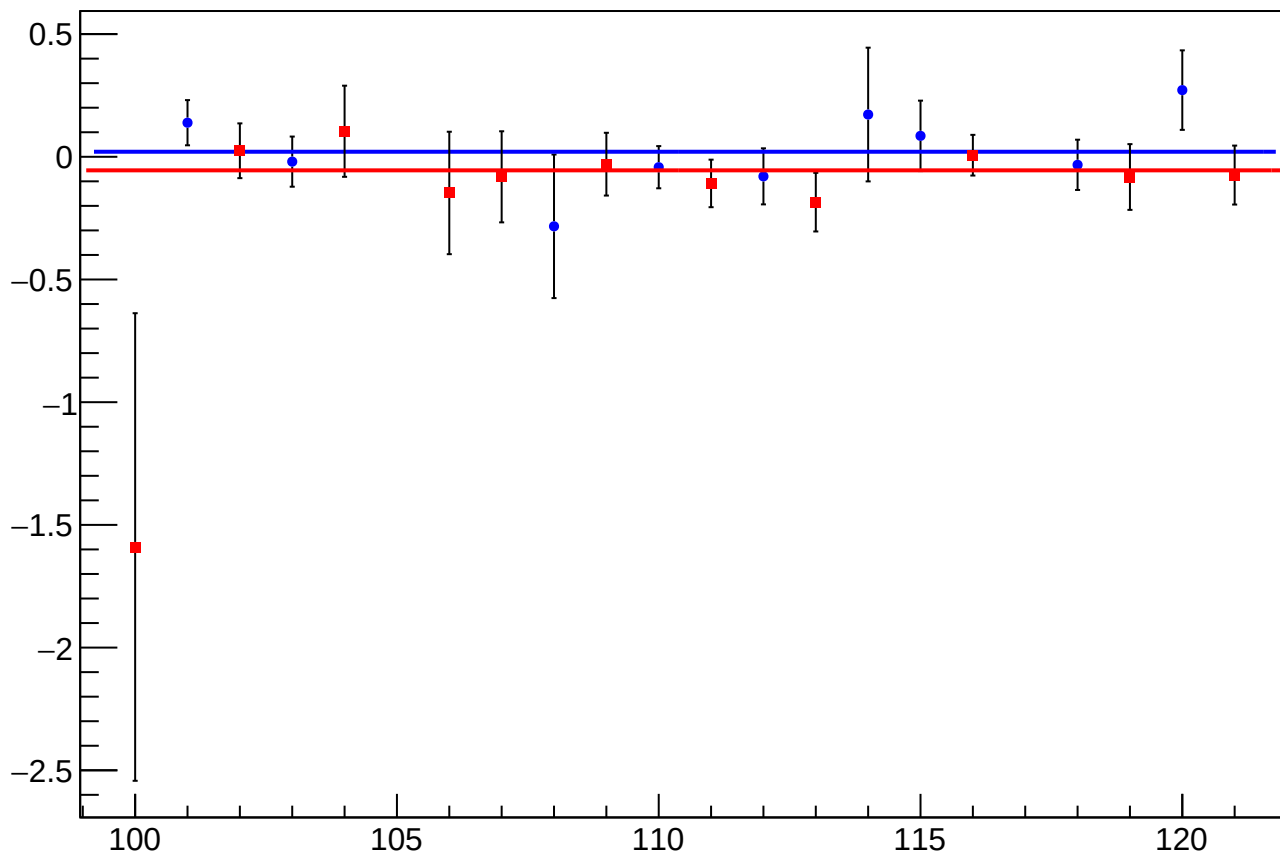
Right: 71.193+/-0.020 χ^2/NDF : 1224284.3/19

In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.193+/-0.020 χ^2/NDF : 1224284.3/19

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.040 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.055 $\pm$ 0.039 χ^2 /NDF: 6.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

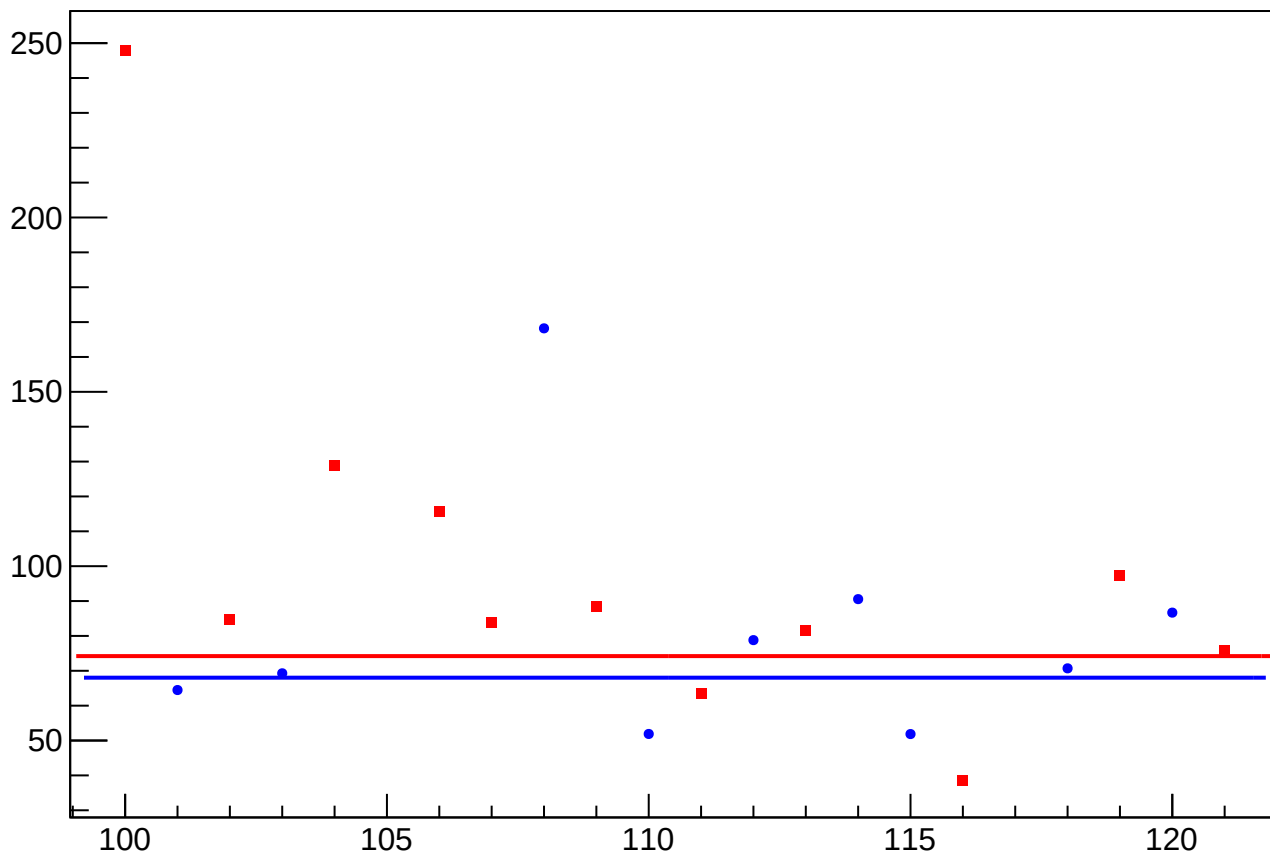
Right: -0.018 $\pm$ 0.028 χ^2 /NDF: 15.4/19

In: 0.021 $\pm$ 0.040 χ^2 /NDF: 7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.028 χ^2 /NDF: 15.4/19

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.214+/-0.027 χ^2/NDF : 806320.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

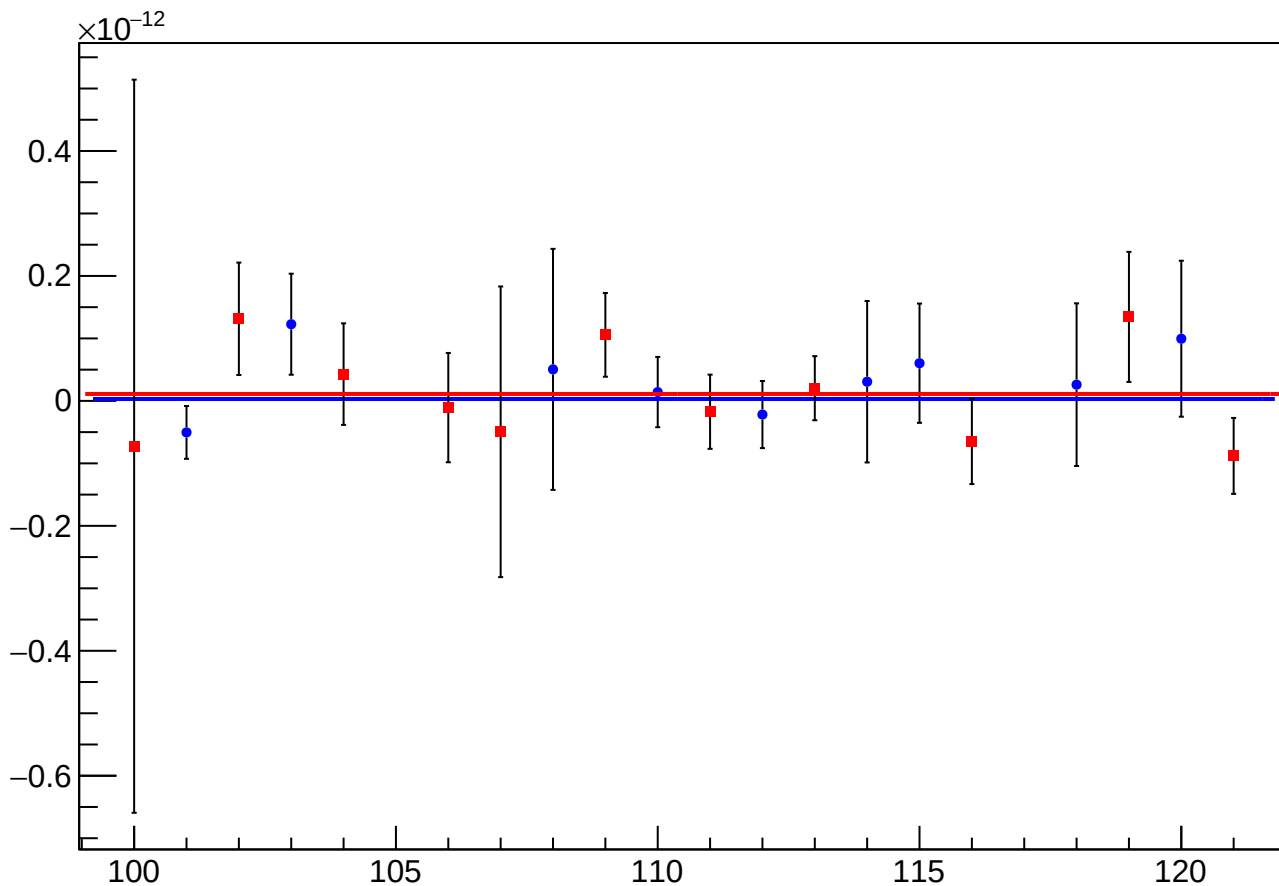
Right: 71.193+/-0.020 χ^2/NDF : 1224284.3/19

In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.193+/-0.020 χ^2/NDF : 1224284.3/19

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

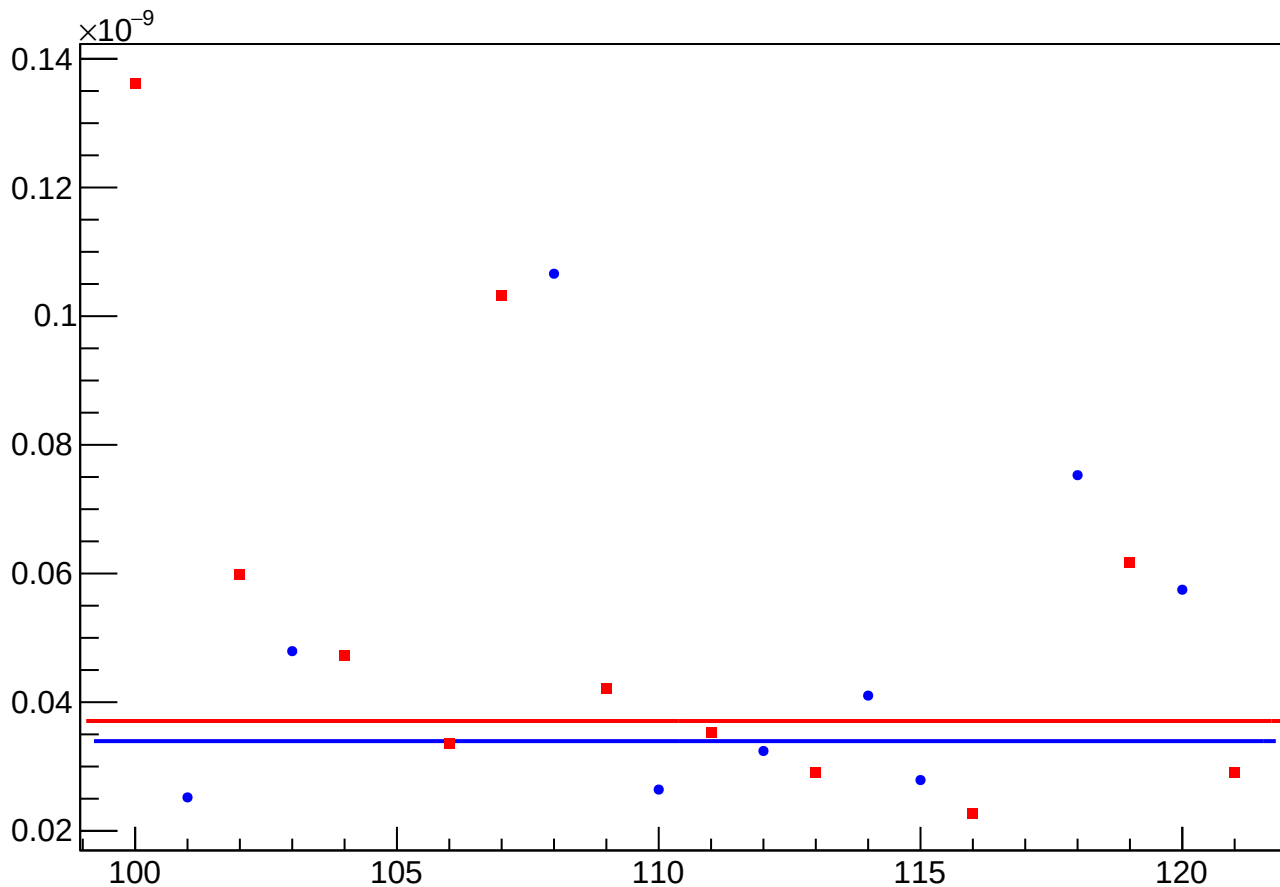
Right: 0.000+/-0.000 χ^2/NDF : 14.9/19

In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/19

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 753337.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 678235.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

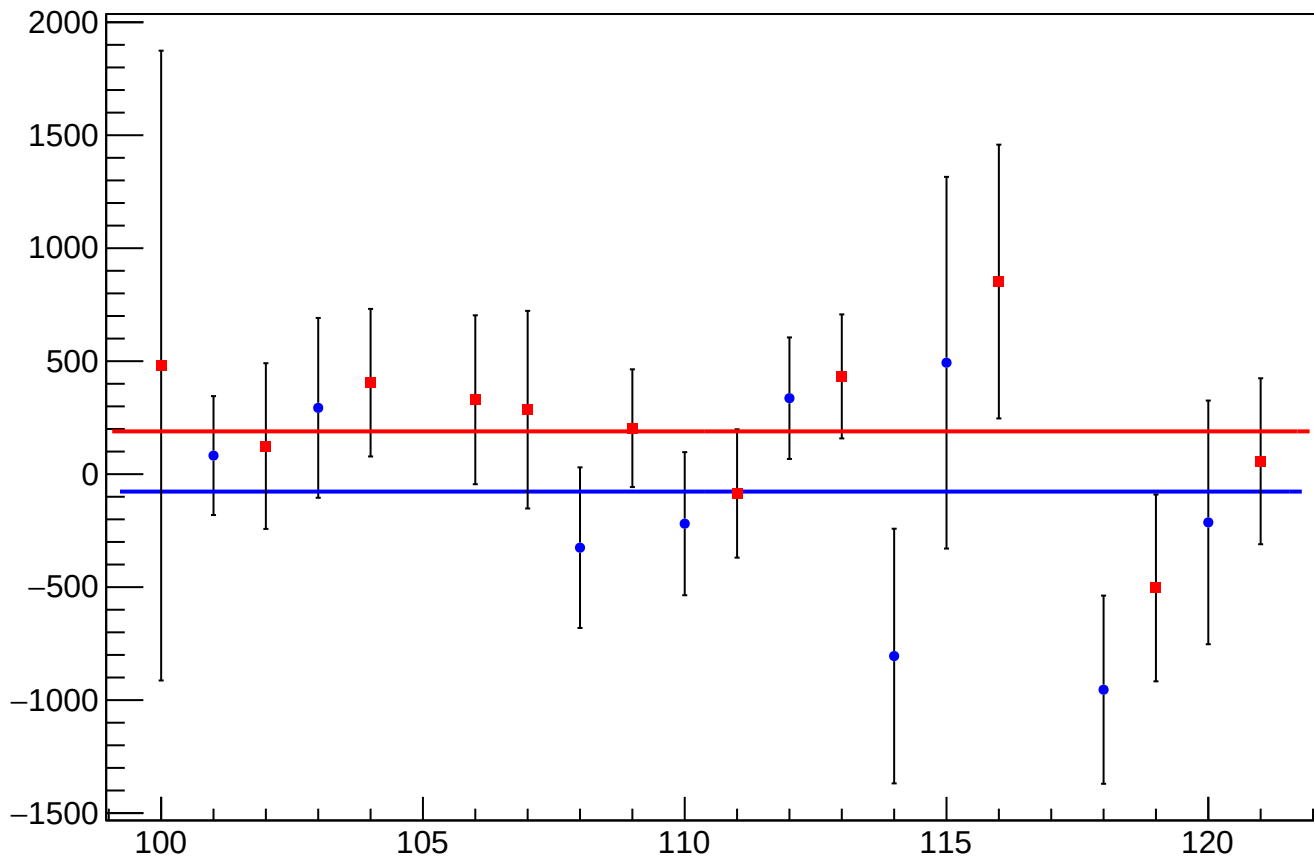
Right: 0.000+/-0.000 χ^2/NDF : 1449093.3/19

In: 0.000+/-0.000 χ^2/NDF : 753337.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1449093.3/19

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -77.094+/-122.813 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.316+/-107.760 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

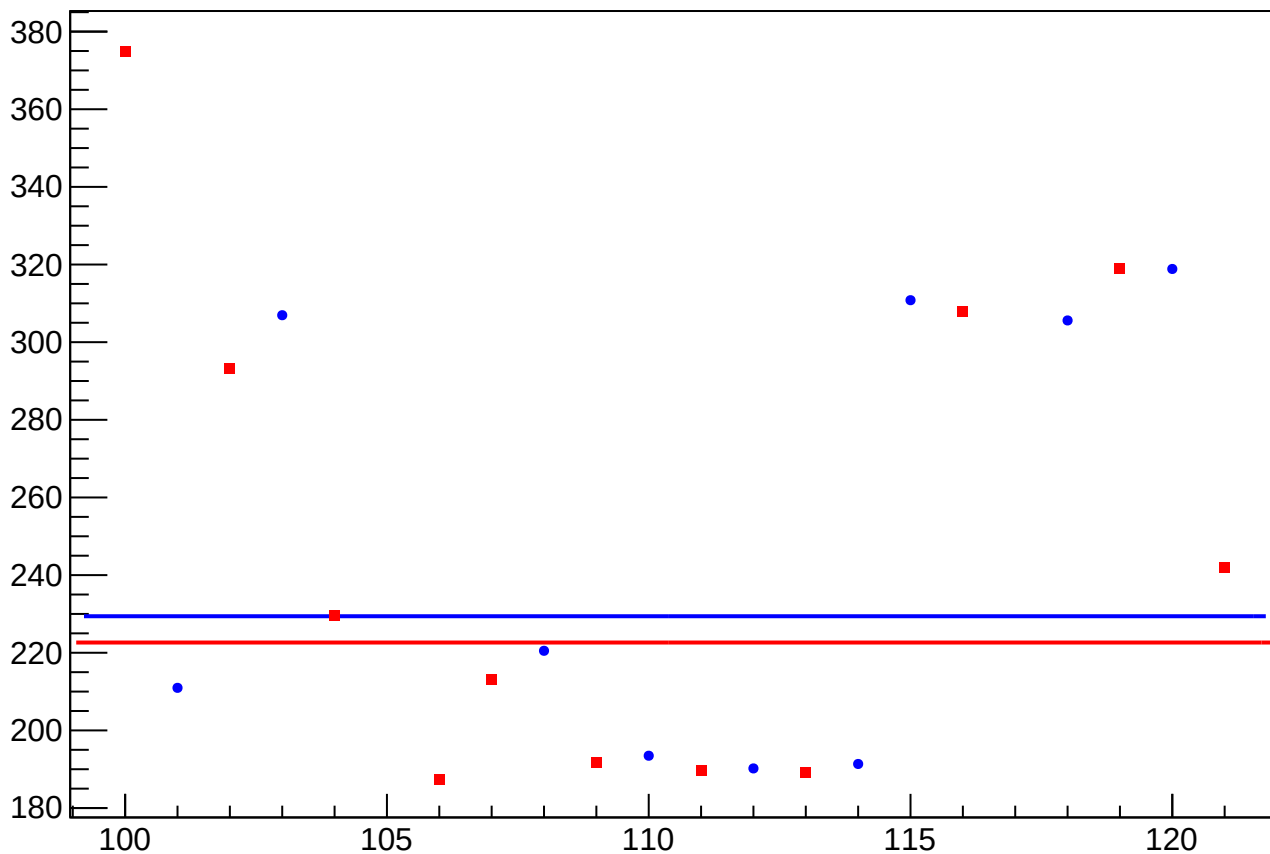
Right: 73.431+/-81.000 χ^2/NDF : 20.2/19

In: -77.094+/-122.813 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.431+/-81.000 χ^2/NDF : 20.2/19

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 229.409+/-0.087 χ^2/NDF : 305937.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.636+/-0.076 χ^2/NDF : 356055.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

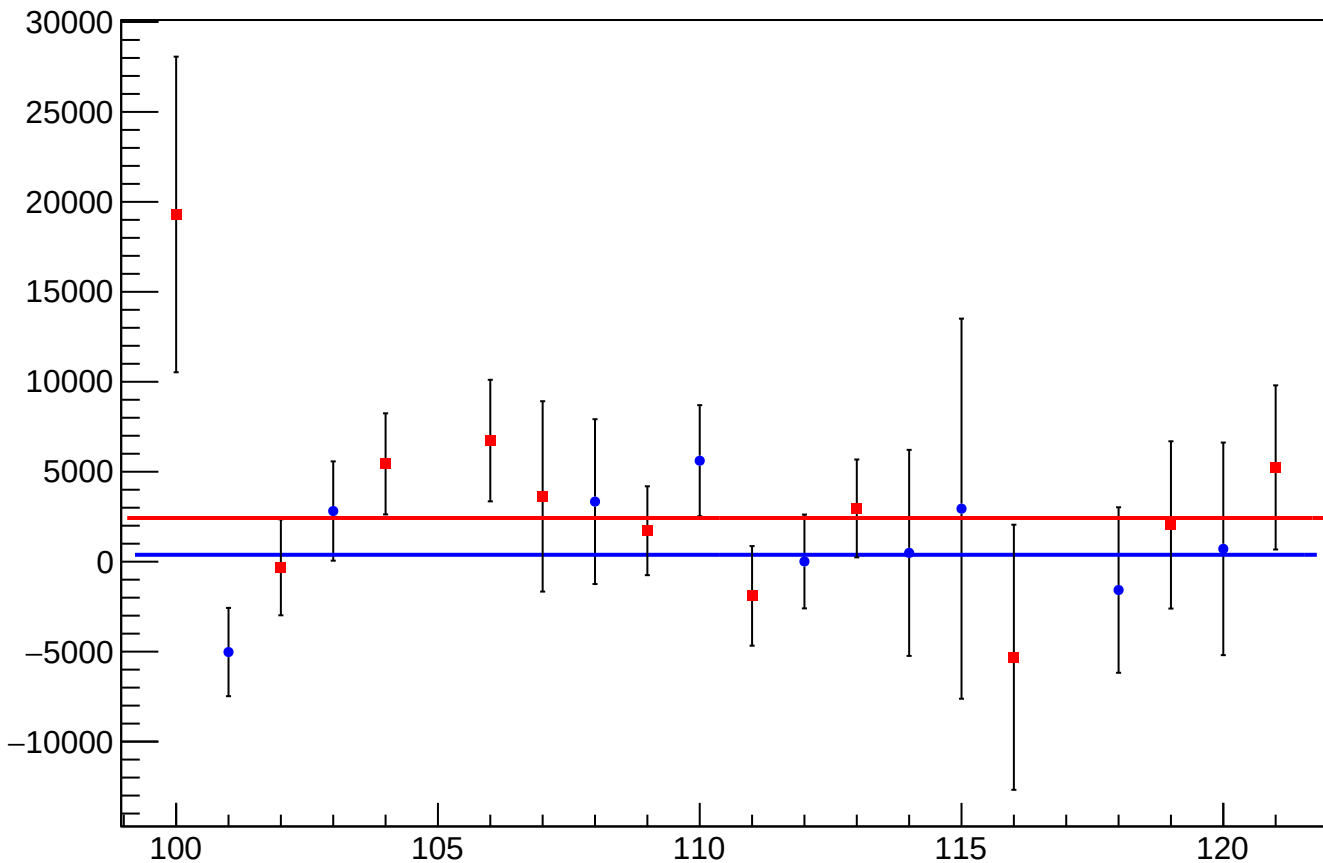
Right: 225.582+/-0.057 χ^2/NDF : 665429.8/19

In: 229.409+/-0.087 χ^2/NDF : 305937.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.582+/-0.057 χ^2/NDF : 665429.8/19

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 382.916+/-1184.933 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2428.851+/-1028.216 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

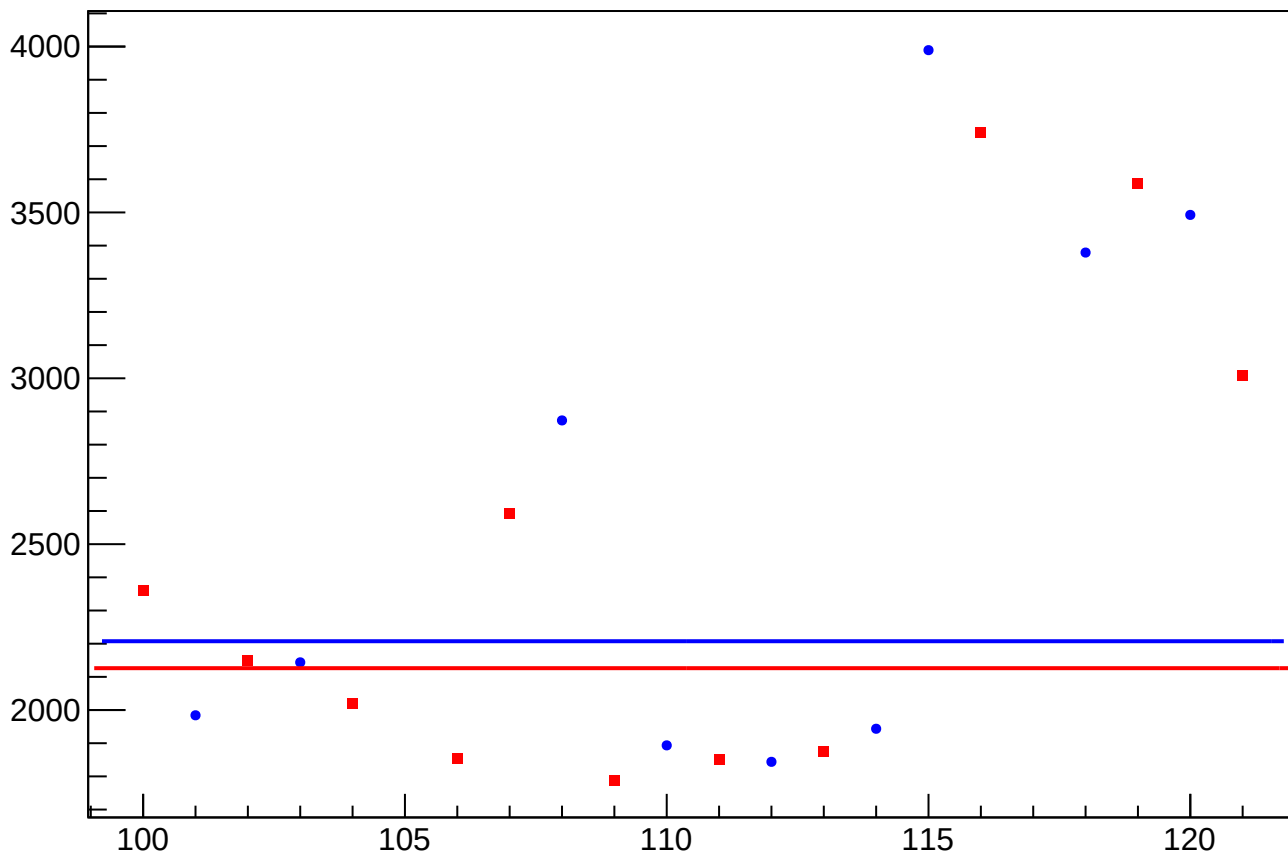
Right: 1550.037+/-776.598 χ^2/NDF : 22.5/19

In: 382.916+/-1184.933 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1550.037+/-776.598 χ^2/NDF : 22.5/19

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2207.446+/-0.838 χ^2/NDF : 404880.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2126.187+/-0.727 χ^2/NDF : 475950.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

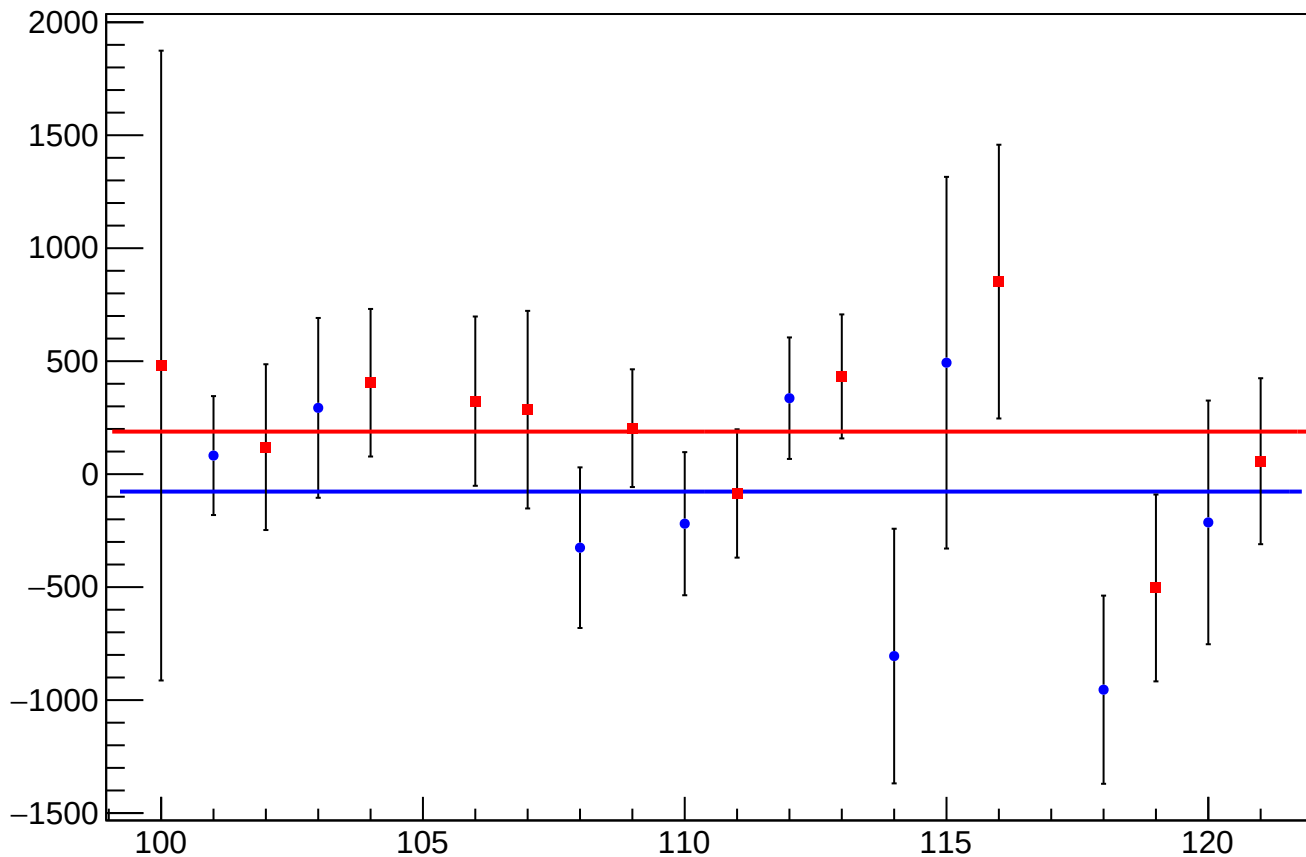
Right: 2161.091+/-0.549 χ^2/NDF : 886195.9/19

In: 2207.446+/-0.838 χ^2/NDF : 404880.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2161.091+/-0.549 χ^2/NDF : 886195.9/19

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.312+/-107.785 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

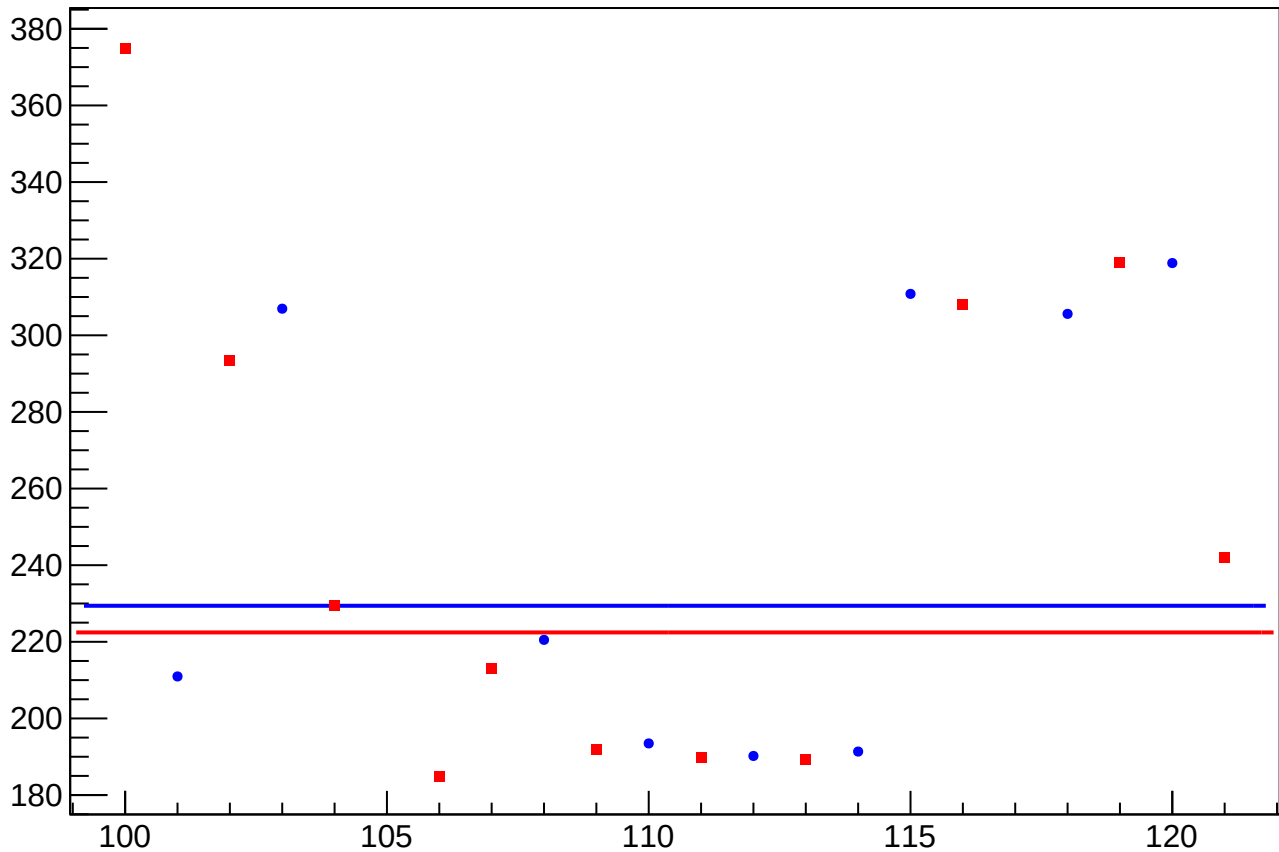
Right: 72.811+/-81.011 χ^2/NDF : 20.1/19

In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.811+/-81.011 χ^2/NDF : 20.1/19

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 229.409+/-0.087 χ^2/NDF : 305940.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.447+/-0.076 χ^2/NDF : 358794.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

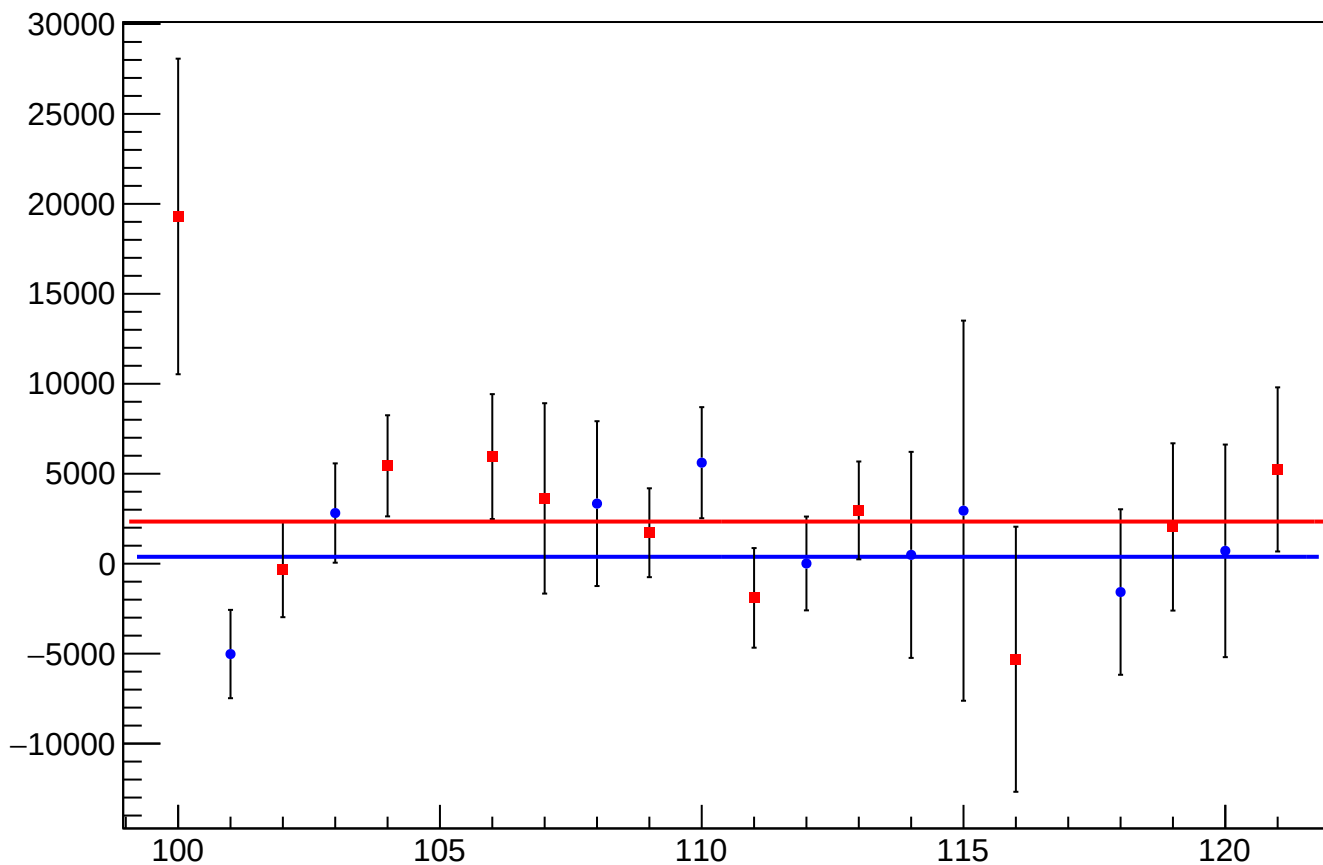
Right: 225.476+/-0.057 χ^2/NDF : 668364.8/19

In: 229.409+/-0.087 χ^2/NDF : 305940.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.476+/-0.057 χ^2/NDF : 668364.8/19

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2340.960+/-1030.790 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

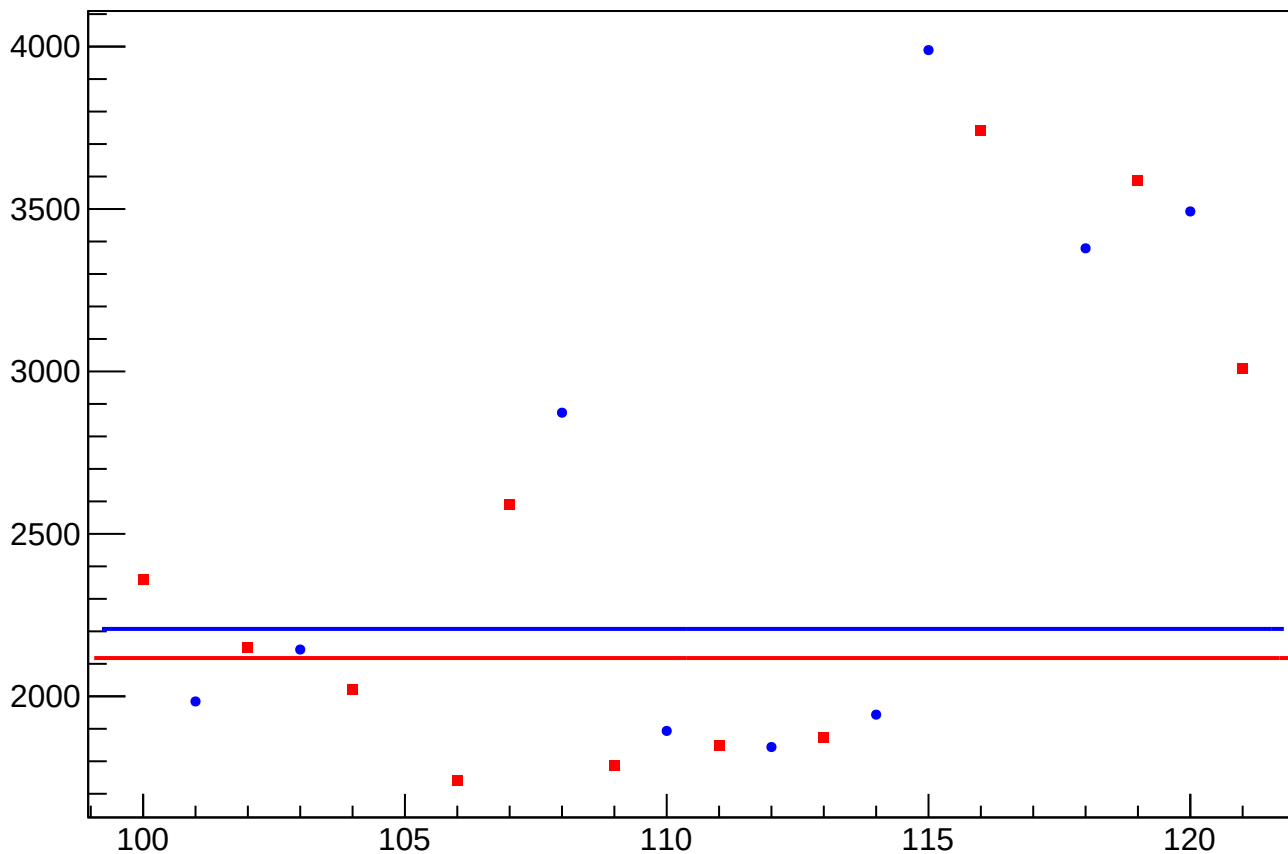
Right: 1497.397+/-777.710 χ^2/NDF : 21.8/19

In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.397+/-777.710 χ^2/NDF : 21.8/19

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2207.478+/-0.838 χ^2/NDF : 404873.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2117.803+/-0.729 χ^2/NDF : 487309.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

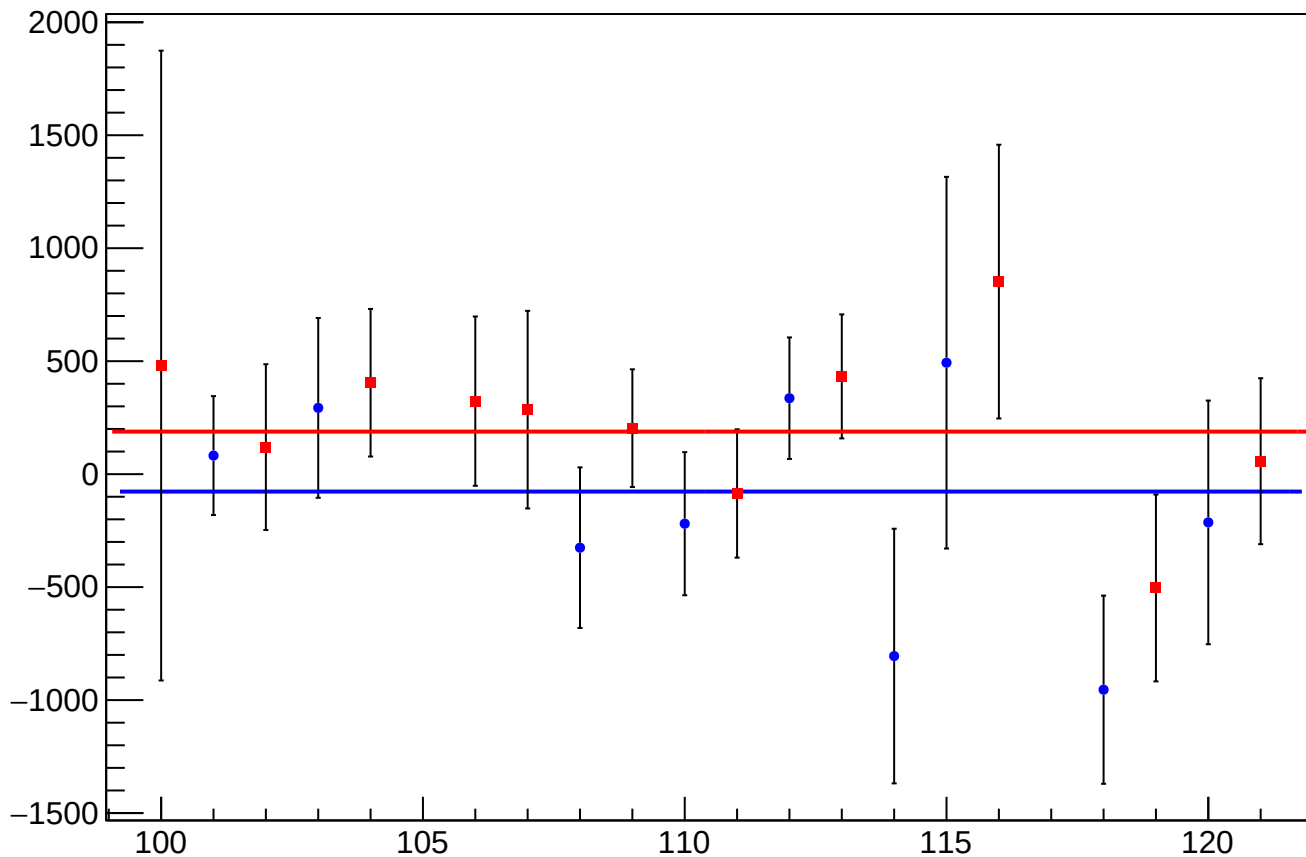
Right: 2156.432+/-0.550 χ^2/NDF : 898703.0/19

In: 2207.478+/-0.838 χ^2/NDF :404873.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2156.432+/-0.550 χ^2/NDF : 898703.0/19

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.312+/-107.785 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

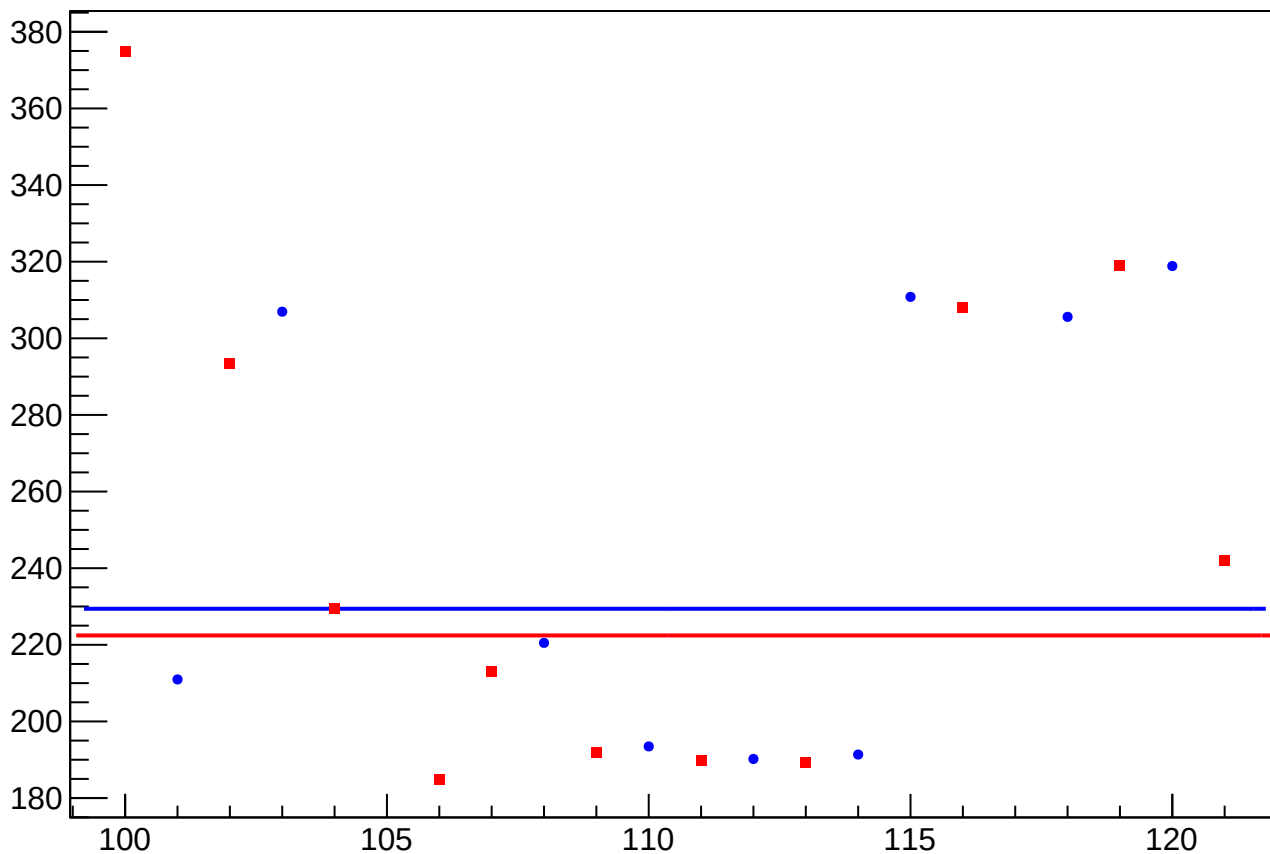
Right: 72.811+/-81.011 χ^2/NDF : 20.1/19

In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.811+/-81.011 χ^2/NDF : 20.1/19

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 229.409 $\pm$ 0.087 χ^2 /NDF: 305940.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 222.447 $\pm$ 0.076 χ^2 /NDF: 358794.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

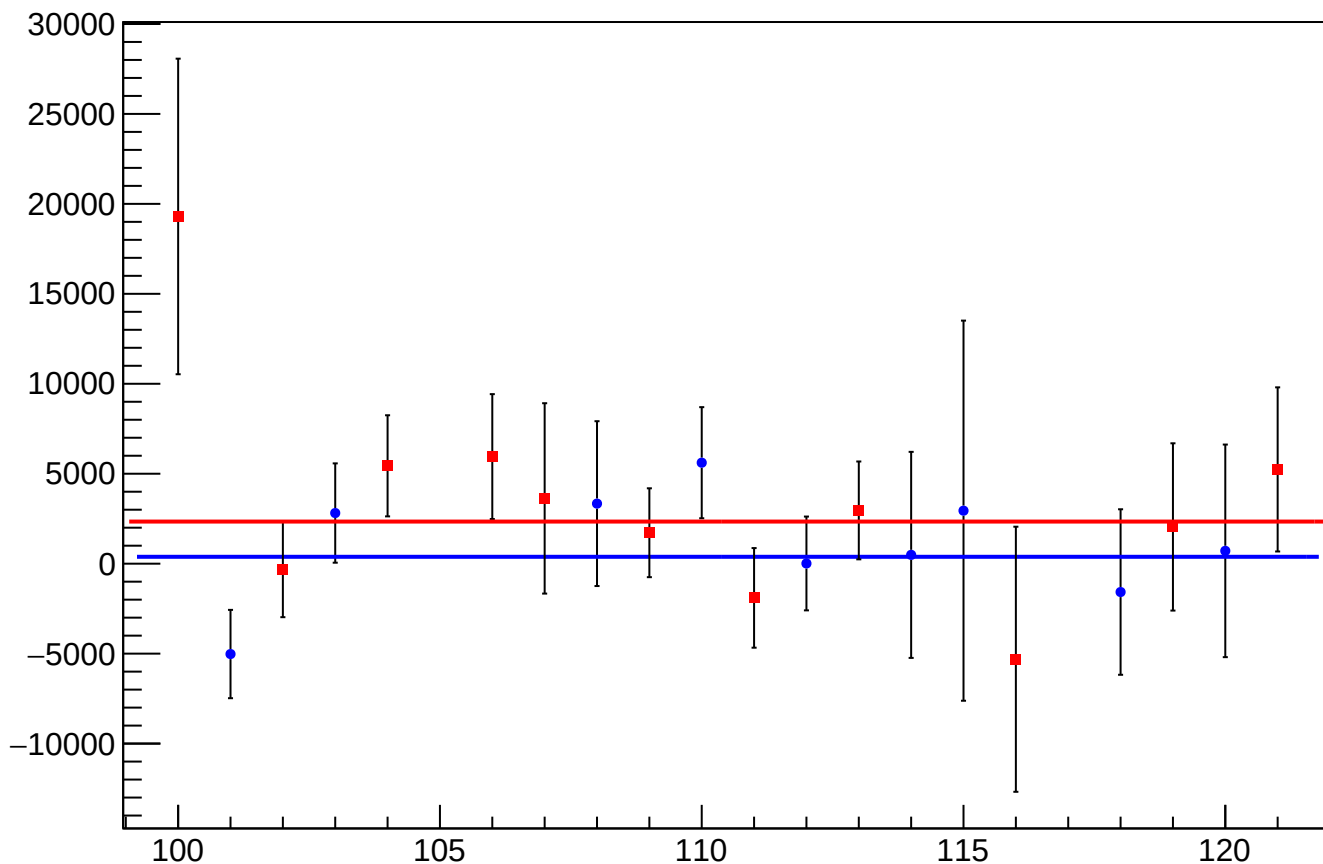
Right: 225.476 $\pm$ 0.057 χ^2 /NDF: 668364.8/19

In: 229.409 $\pm$ 0.087 χ^2 /NDF:305940.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.476 $\pm$ 0.057 χ^2 /NDF: 668364.8/19

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2340.960+/-1030.790 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

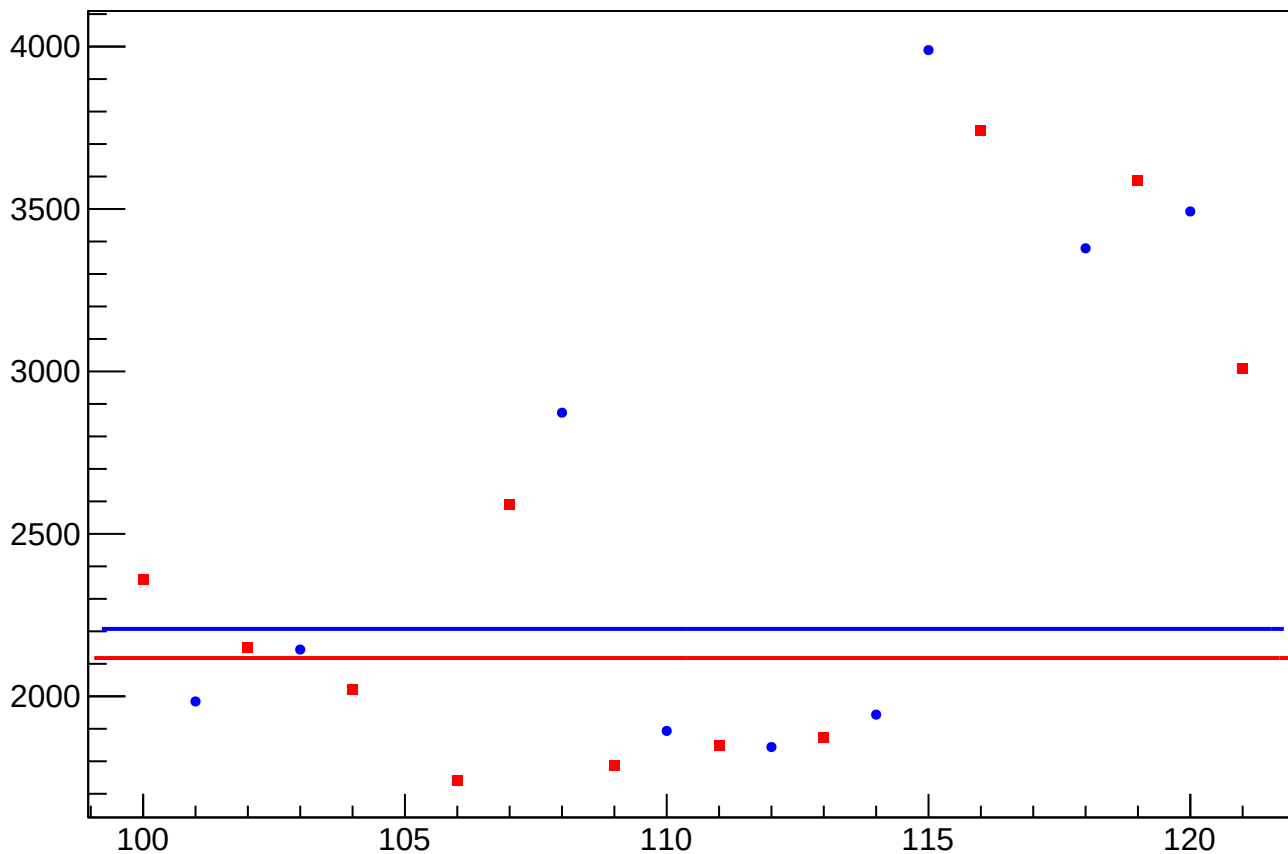
Right: 1497.397+/-777.710 χ^2/NDF : 21.8/19

In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.397+/-777.710 χ^2/NDF : 21.8/19

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2207.478+/-0.838 χ^2/NDF : 404873.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.803+/-0.729 χ^2/NDF : 487309.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

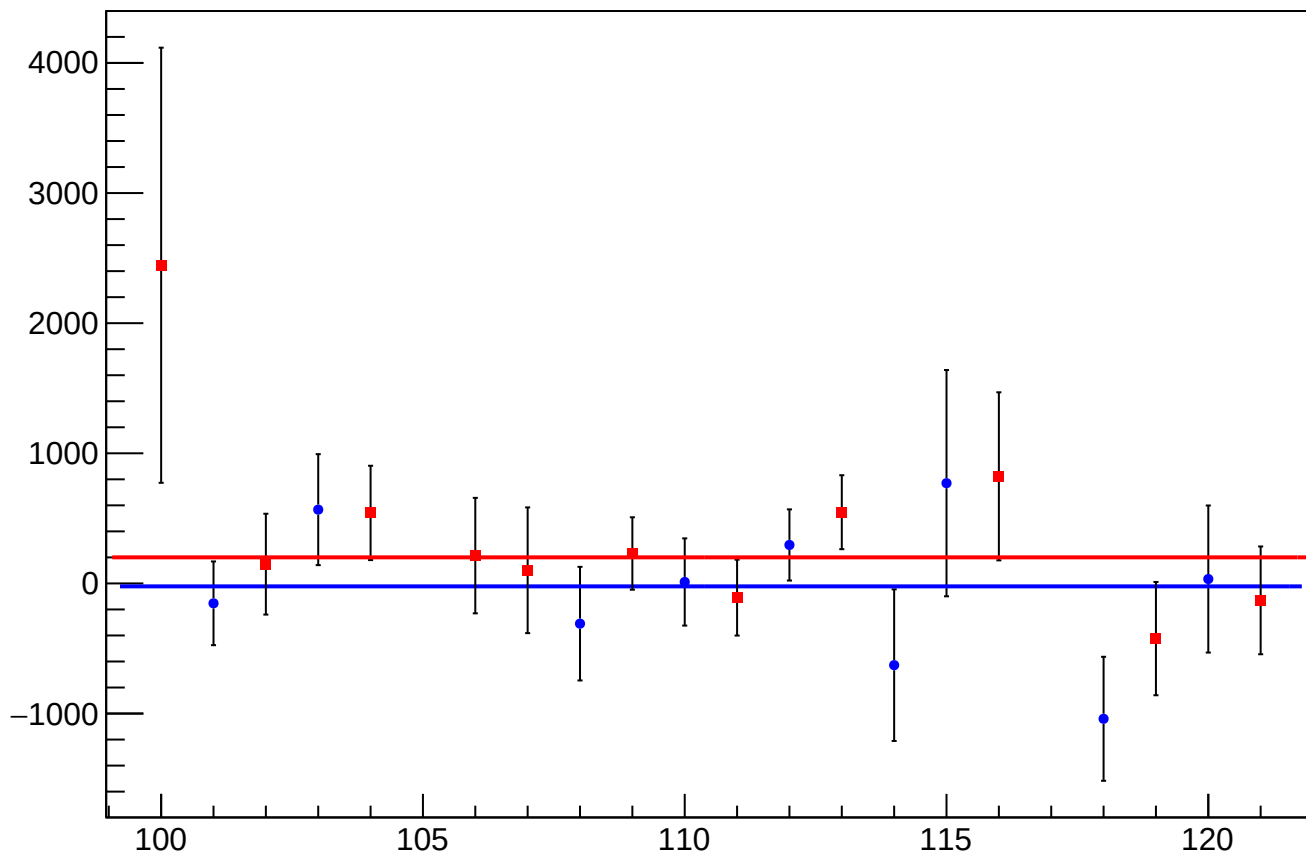
Right: 2156.432+/-0.550 χ^2/NDF : 898703.0/19

In: 2207.478+/-0.838 χ^2/NDF : 404873.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.432+/-0.550 χ^2/NDF : 898703.0/19

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -22.671 ± 135.469 χ^2/NDF : 10.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 200.396 ± 115.812 χ^2/NDF : 9.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

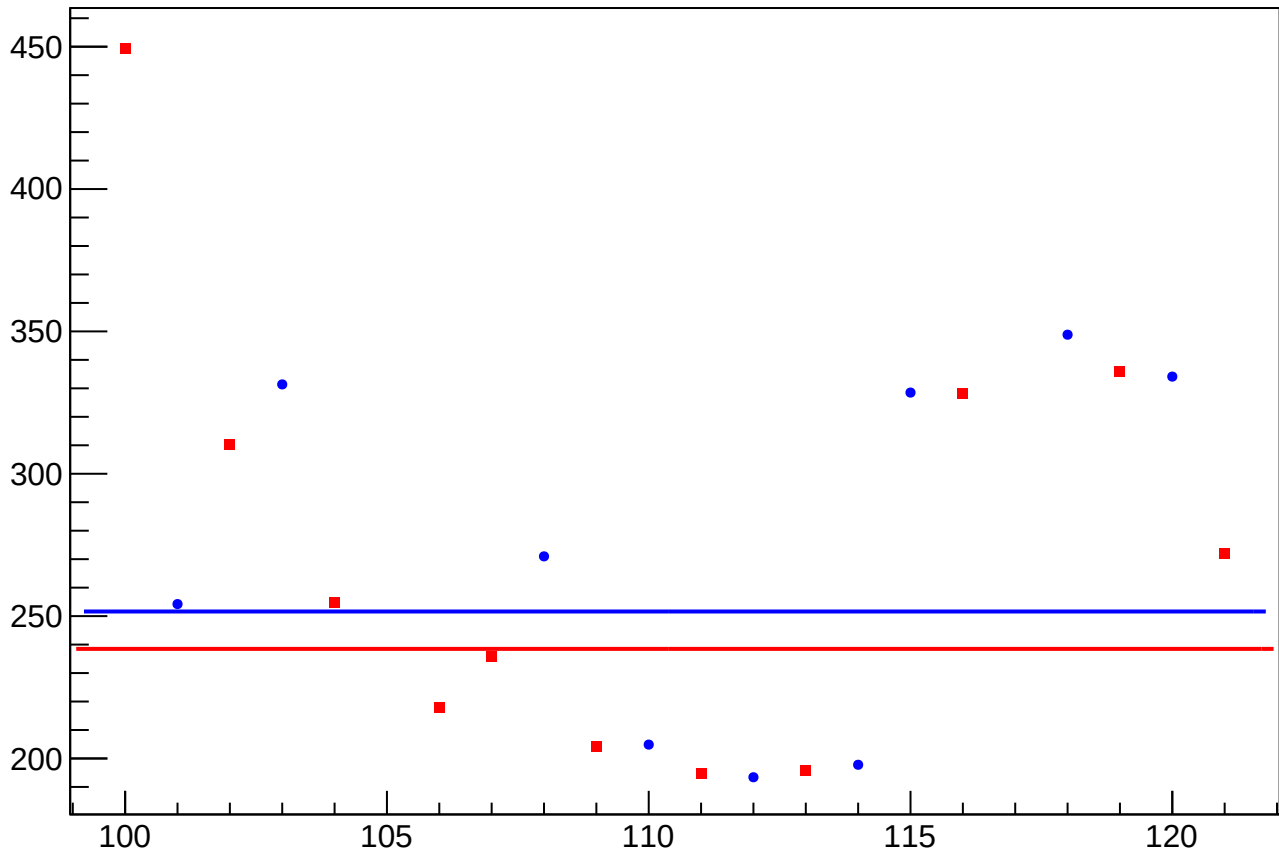
Right: 106.206 ± 88.029 χ^2/NDF : 20.9/19

In: -22.671 ± 135.469 χ^2/NDF : 10.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 106.206 ± 88.029 χ^2/NDF : 20.9/19

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 251.623+/-0.096 χ^2/NDF : 362200.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.491+/-0.082 χ^2/NDF : 381421.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

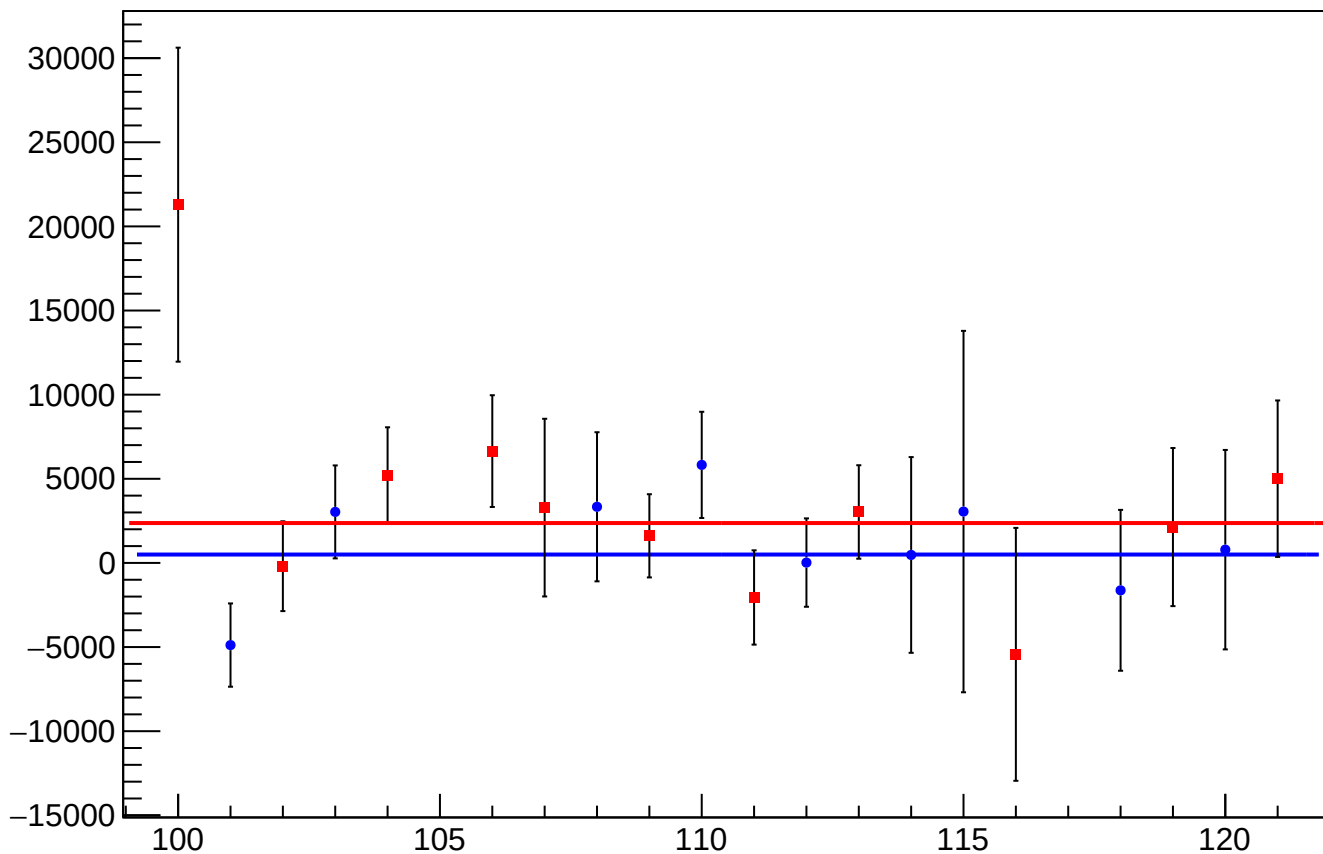
Right: 244.036+/-0.062 χ^2/NDF : 754479.5/19

In: 251.623+/-0.096 χ^2/NDF : 362200.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.036+/-0.062 χ^2/NDF : 754479.5/19

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 498.394+/-1194.277 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2369.810+/-1035.882 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

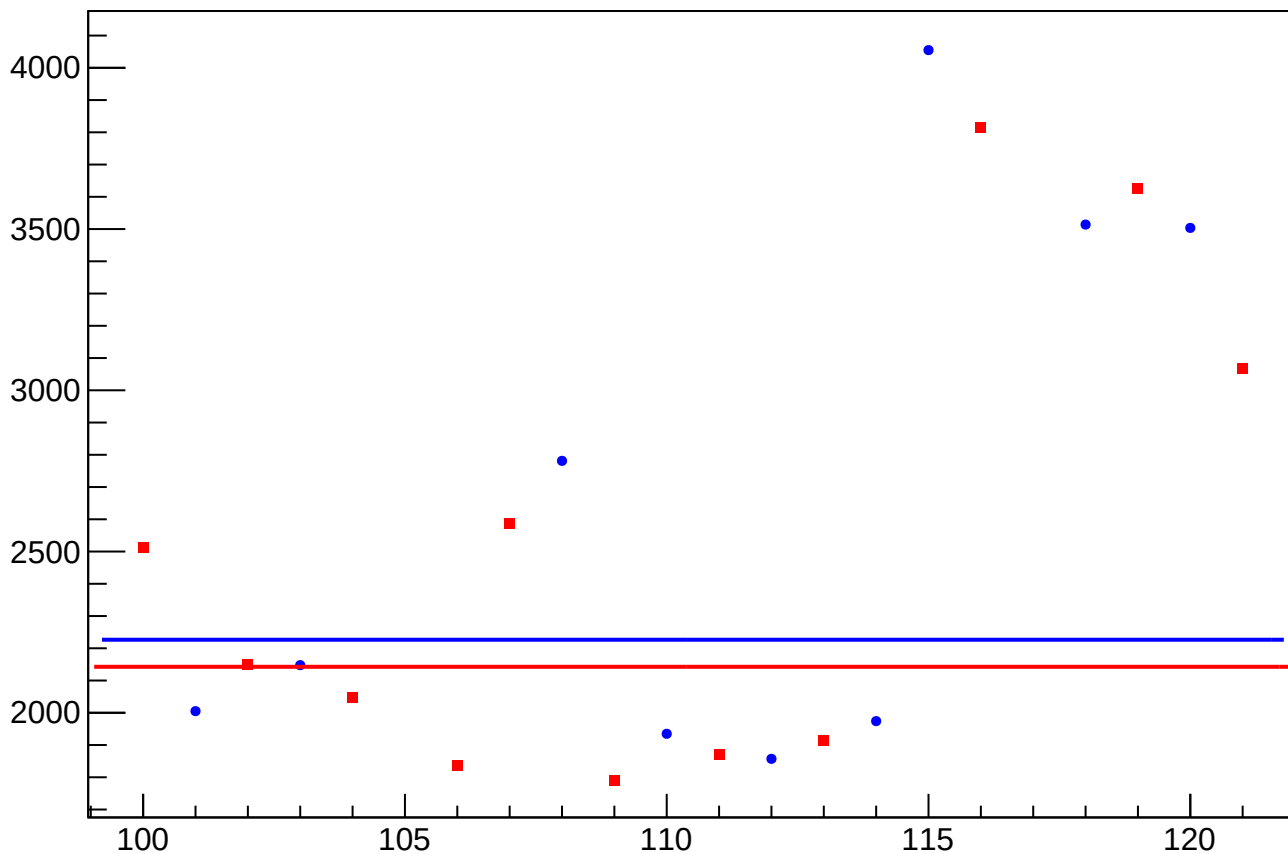
Right: 1566.351+/-782.531 χ^2/NDF : 22.3/19

In: 498.394+/-1194.277 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1566.351+/-782.531 χ^2/NDF : 22.3/19

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2226.541+/-0.844 χ^2/NDF : 405271.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2142.594+/-0.732 χ^2/NDF : 486820.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

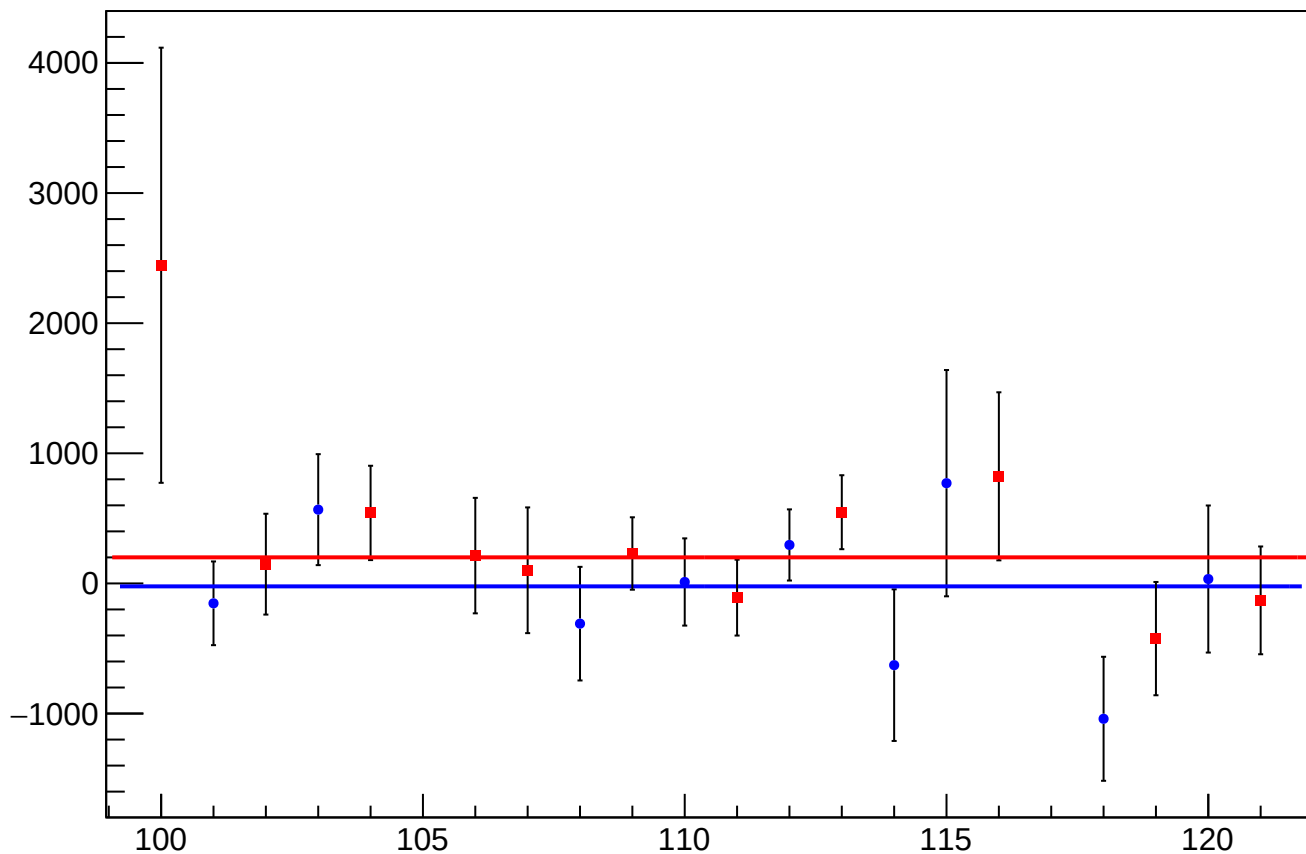
Right: 2178.635+/-0.553 χ^2/NDF : 897731.0/19

In: 2226.541+/-0.844 χ^2/NDF : 405271.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.635+/-0.553 χ^2/NDF : 897731.0/19

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -22.671+/-135.469 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.394+/-115.812 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

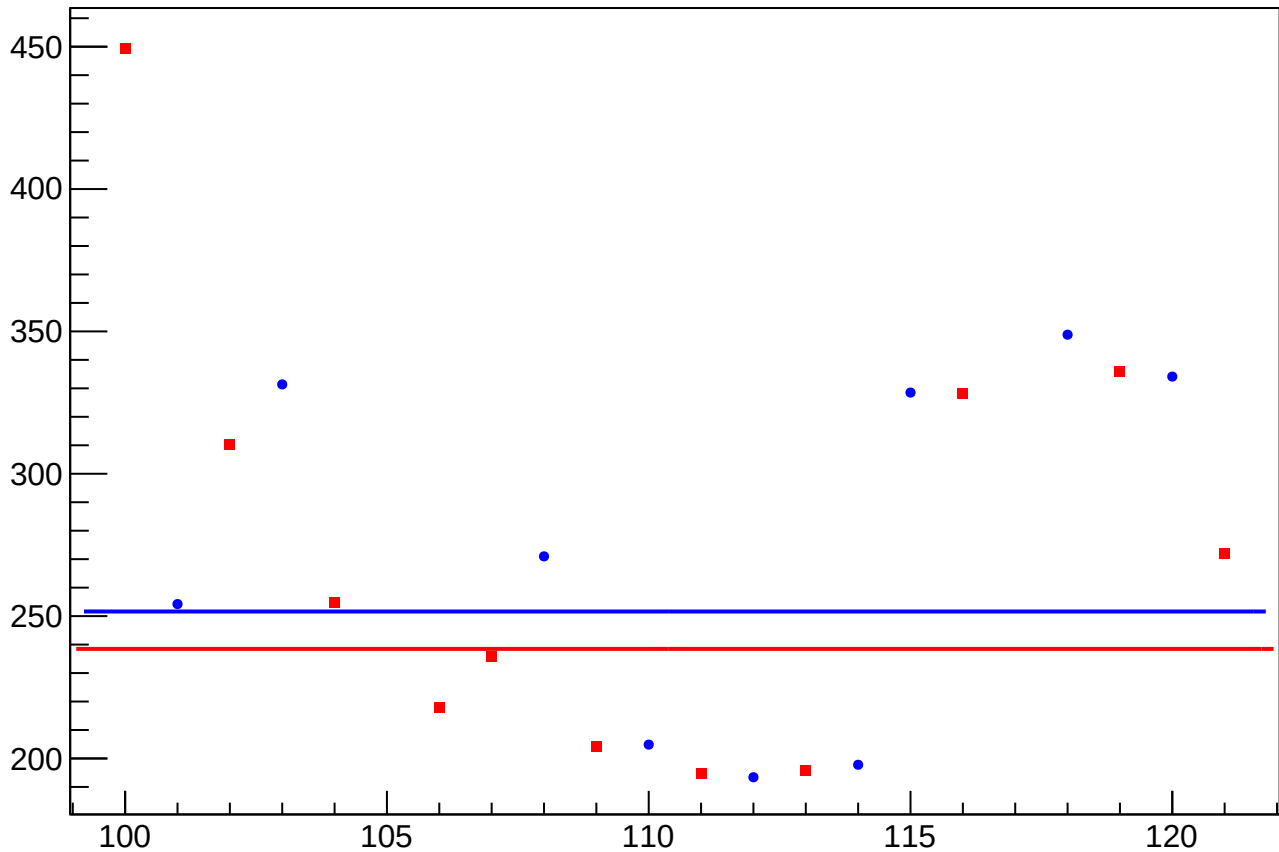
Right: 106.205+/-88.029 χ^2/NDF : 20.9/19

In: -22.671+/-135.469 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.205+/-88.029 χ^2/NDF : 20.9/19

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 251.623+/-0.096 χ^2/NDF : 362205.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.491+/-0.082 χ^2/NDF : 381422.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

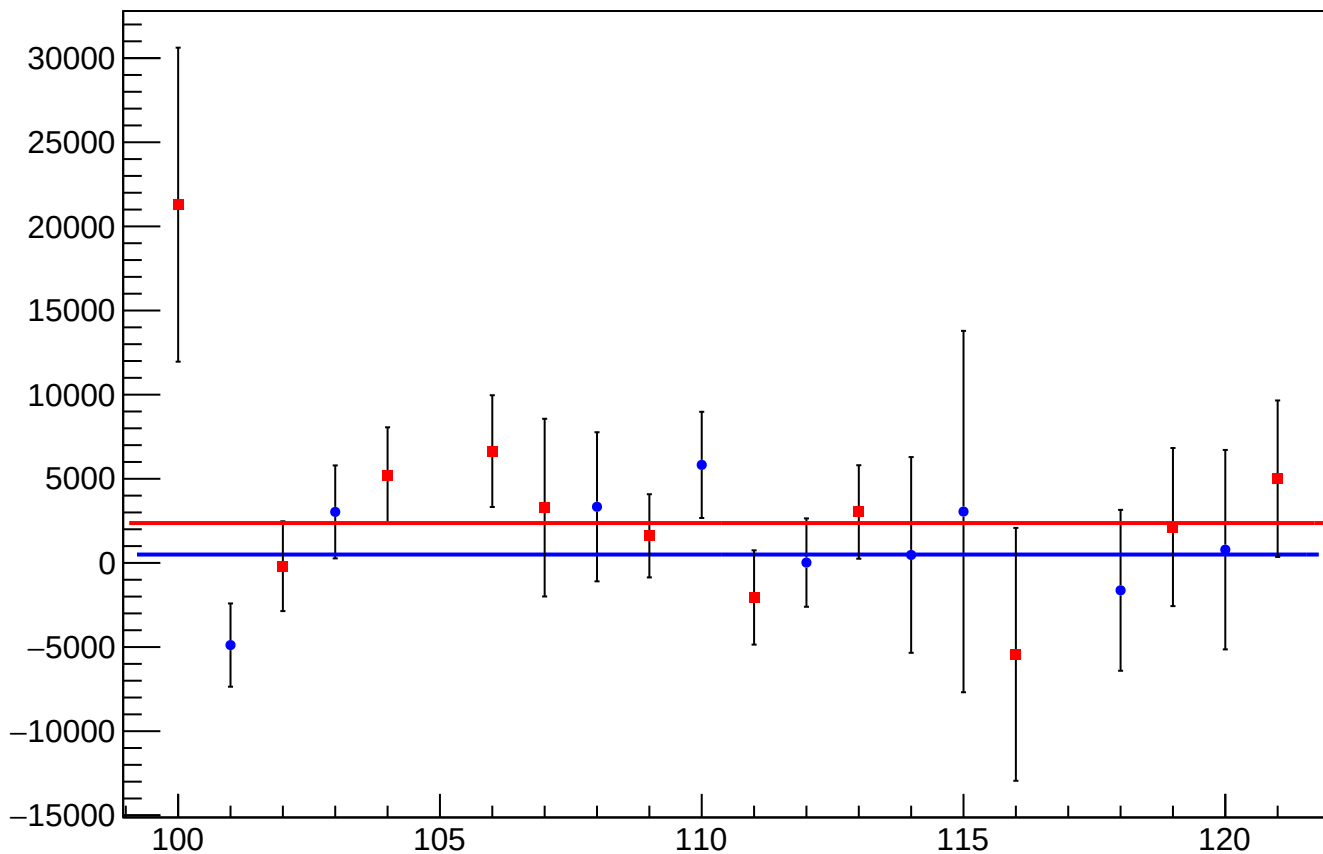
Right: 244.036+/-0.062 χ^2/NDF : 754486.3/19

In: 251.623+/-0.096 χ^2/NDF : 362205.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.036+/-0.062 χ^2/NDF : 754486.3/19

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 498.396+/-1194.276 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2369.808+/-1035.881 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

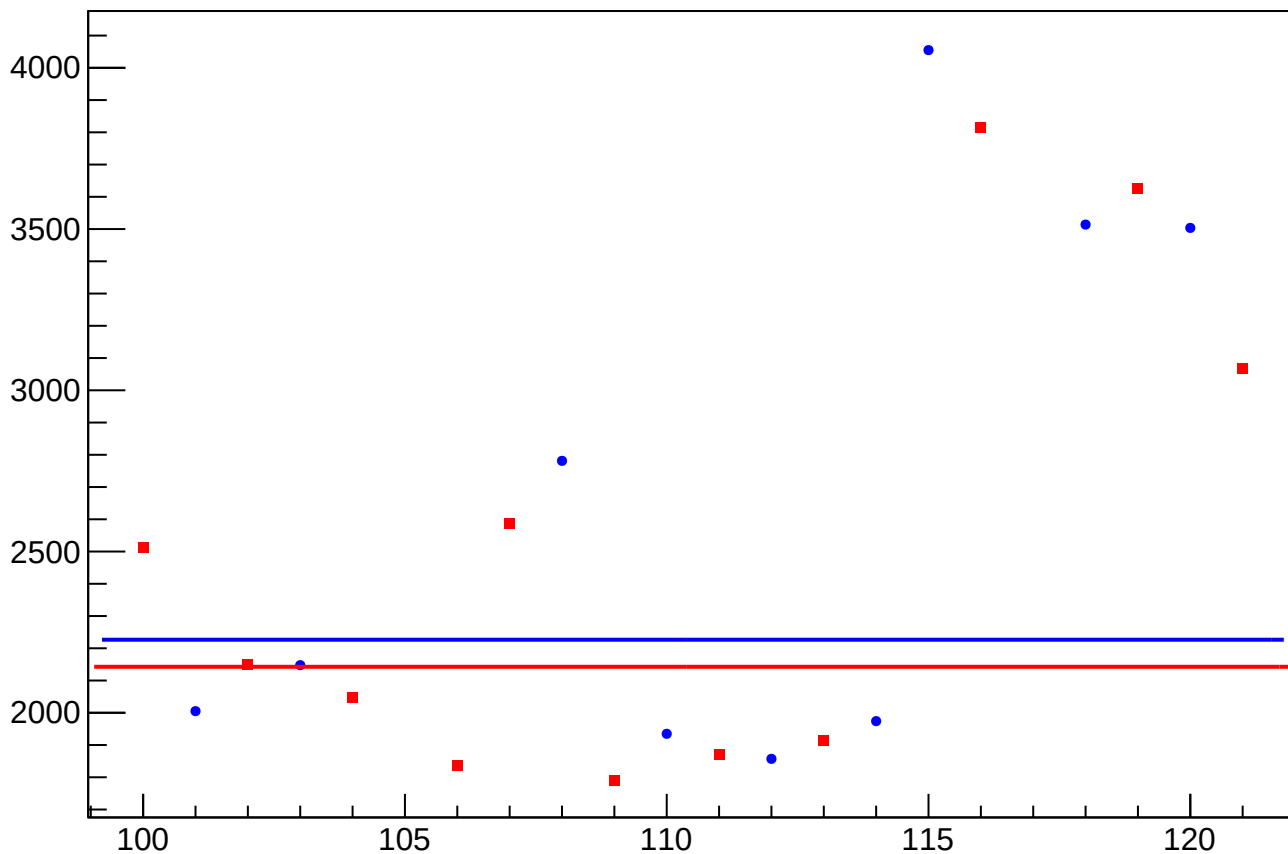
Right: 1566.350+/-782.531 χ^2/NDF : 22.3/19

In: 498.396+/-1194.276 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.350+/-782.531 χ^2/NDF : 22.3/19

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2226.540+/-0.844 χ^2/NDF : 405272.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2142.592+/-0.732 χ^2/NDF : 486822.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

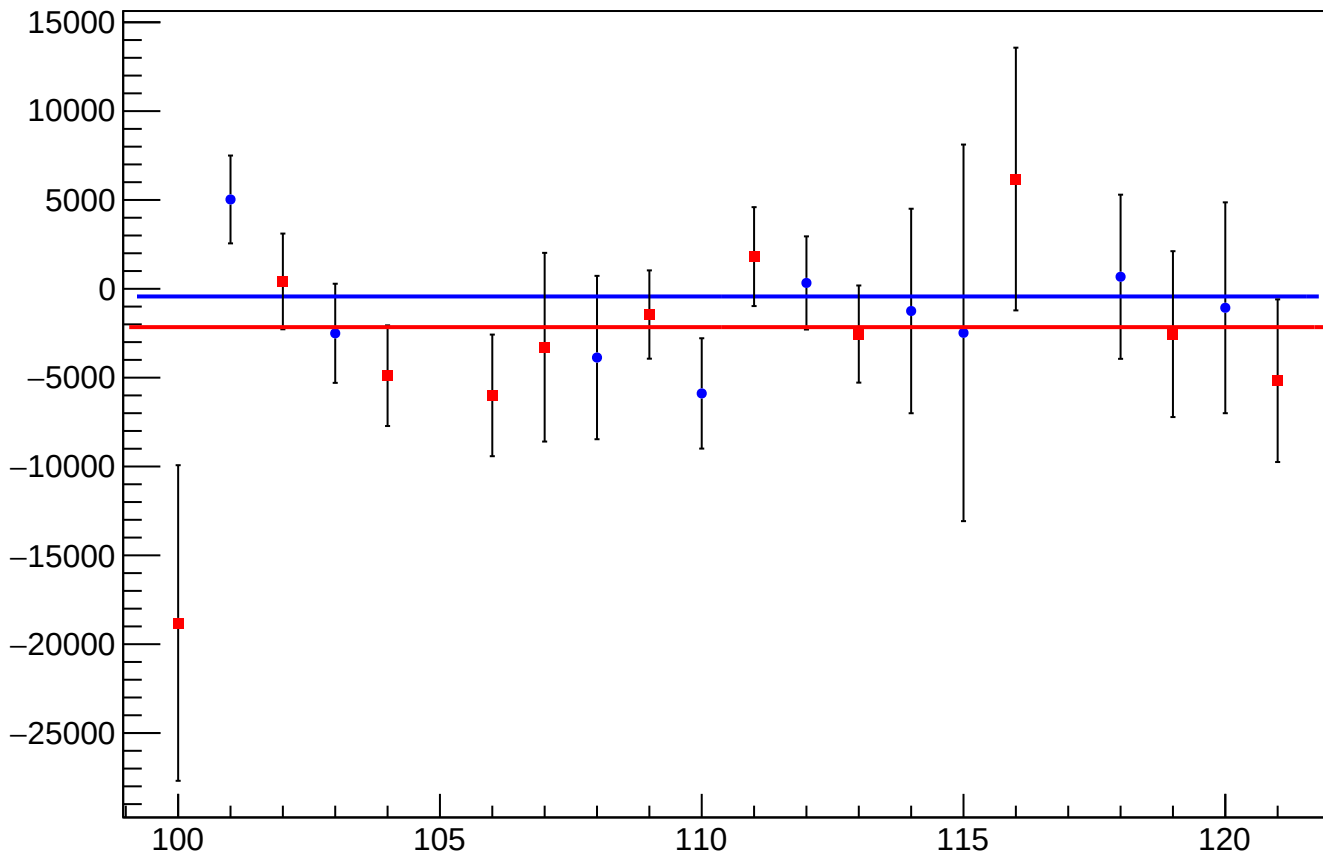
Right: 2178.634+/-0.553 χ^2/NDF : 897734.5/19

In: 2226.540+/-0.844 χ^2/NDF : 405272.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.634+/-0.553 χ^2/NDF : 897734.5/19

asym_sam4_mean vs Slug, Sign Corrected



Right In: -430.670+/-1192.521 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2156.733+/-1035.341 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

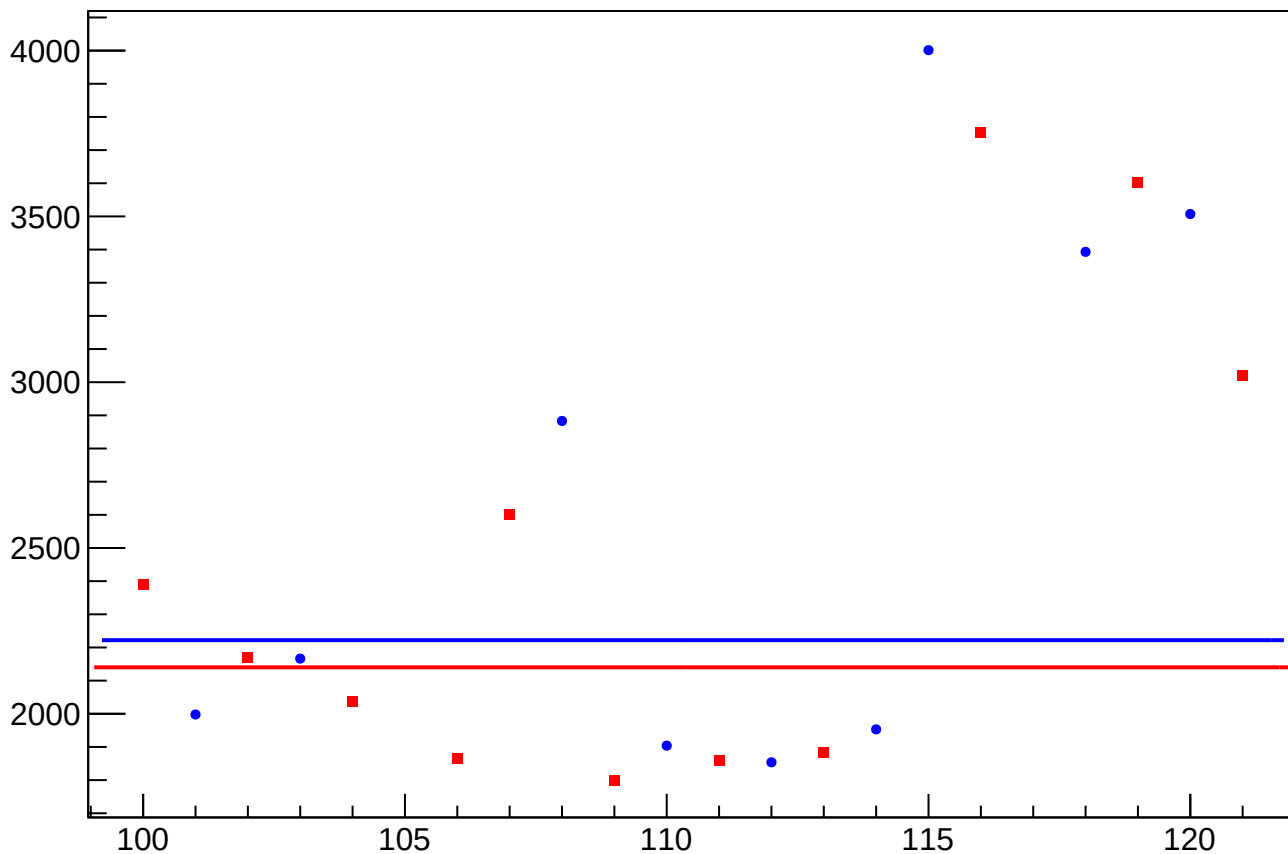
Right: -1414.875+/-781.804 χ^2/NDF : 21.0/19

In: -430.670+/-1192.521 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1414.875+/-781.804 χ^2/NDF : 21.0/19

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2221.973+/-0.843 χ^2/NDF : 402239.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2140.195+/-0.732 χ^2/NDF : 473208.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

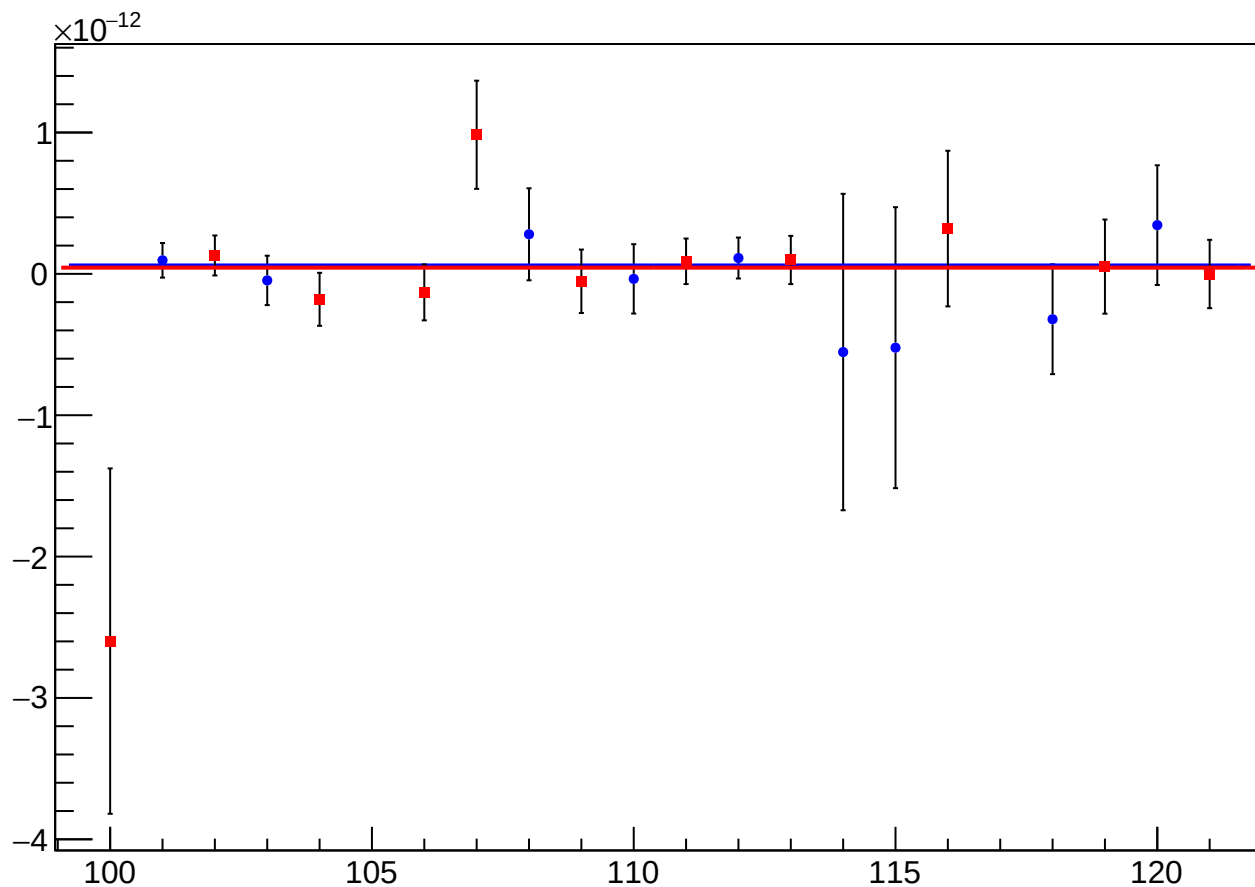
Right: 2175.343+/-0.553 χ^2/NDF : 880811.2/19

In: 2221.973+/-0.843 χ^2/NDF : 402239.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.343+/-0.553 χ^2/NDF : 880811.2/19

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

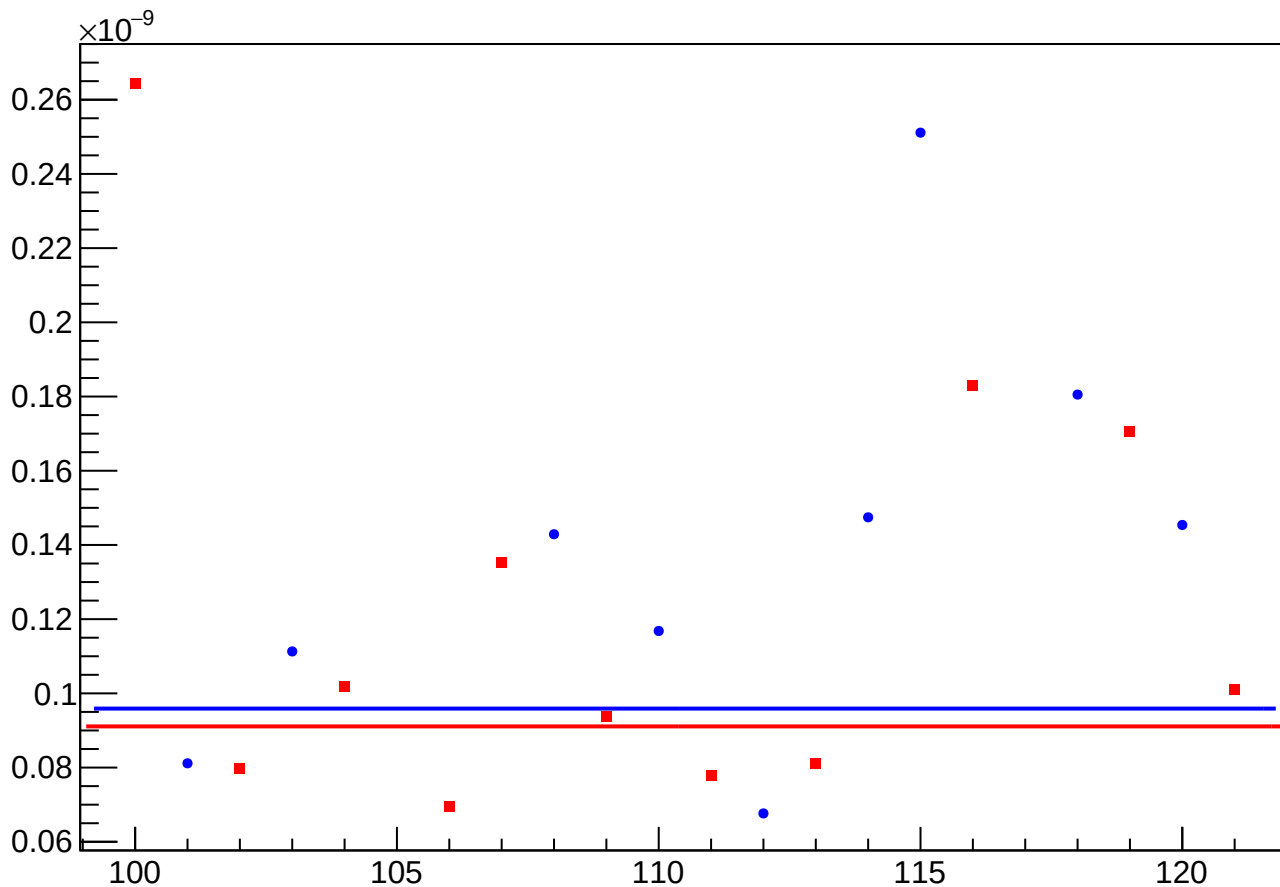
Right: 0.000+/-0.000 χ^2/NDF : 17.2/19

In: 0.000+/-0.000 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/19

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352073.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 303510.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

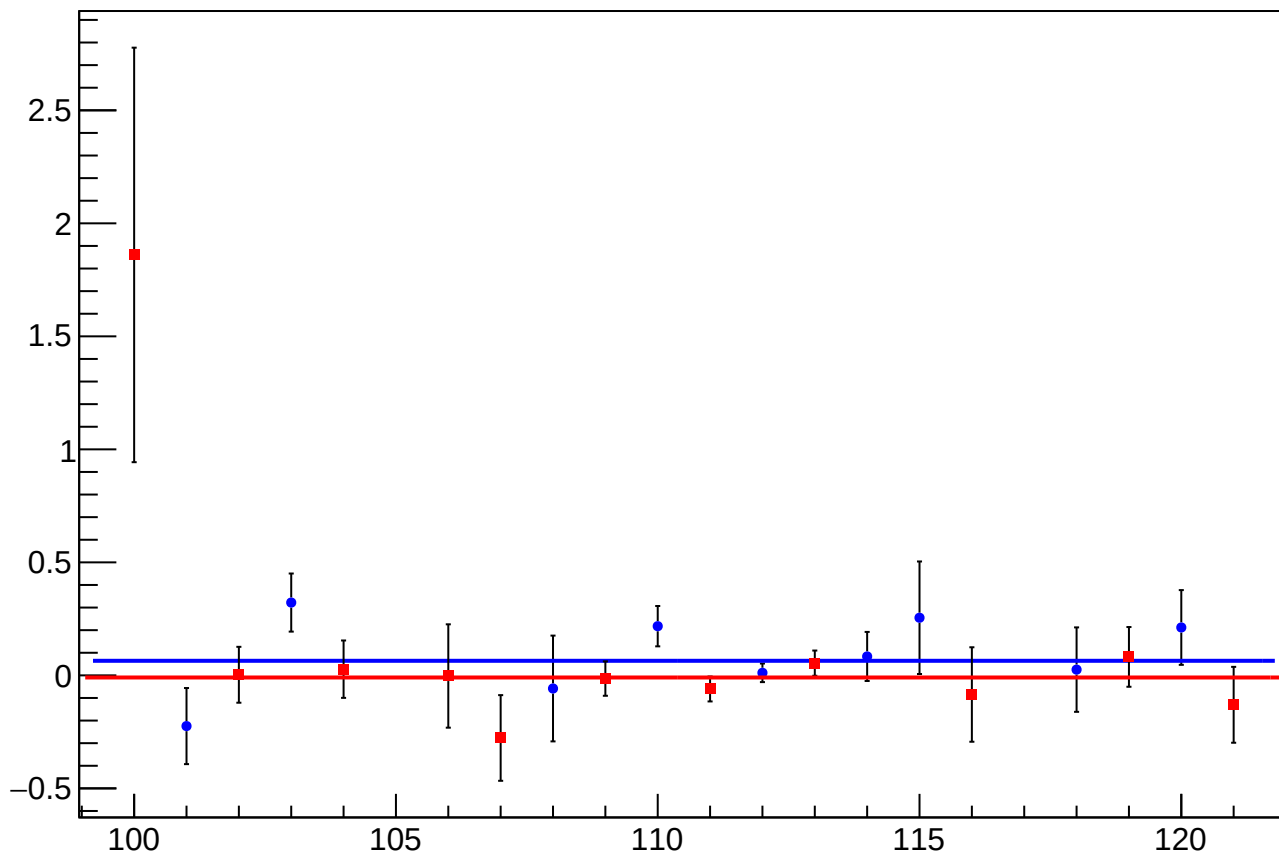
Right: 0.000+/-0.000 χ^2/NDF : 660375.2/19

In: 0.000+/-0.000 χ^2/NDF : 352073.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 660375.2/19

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.032 χ^2 /NDF: 13.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.030 χ^2 /NDF: 9.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

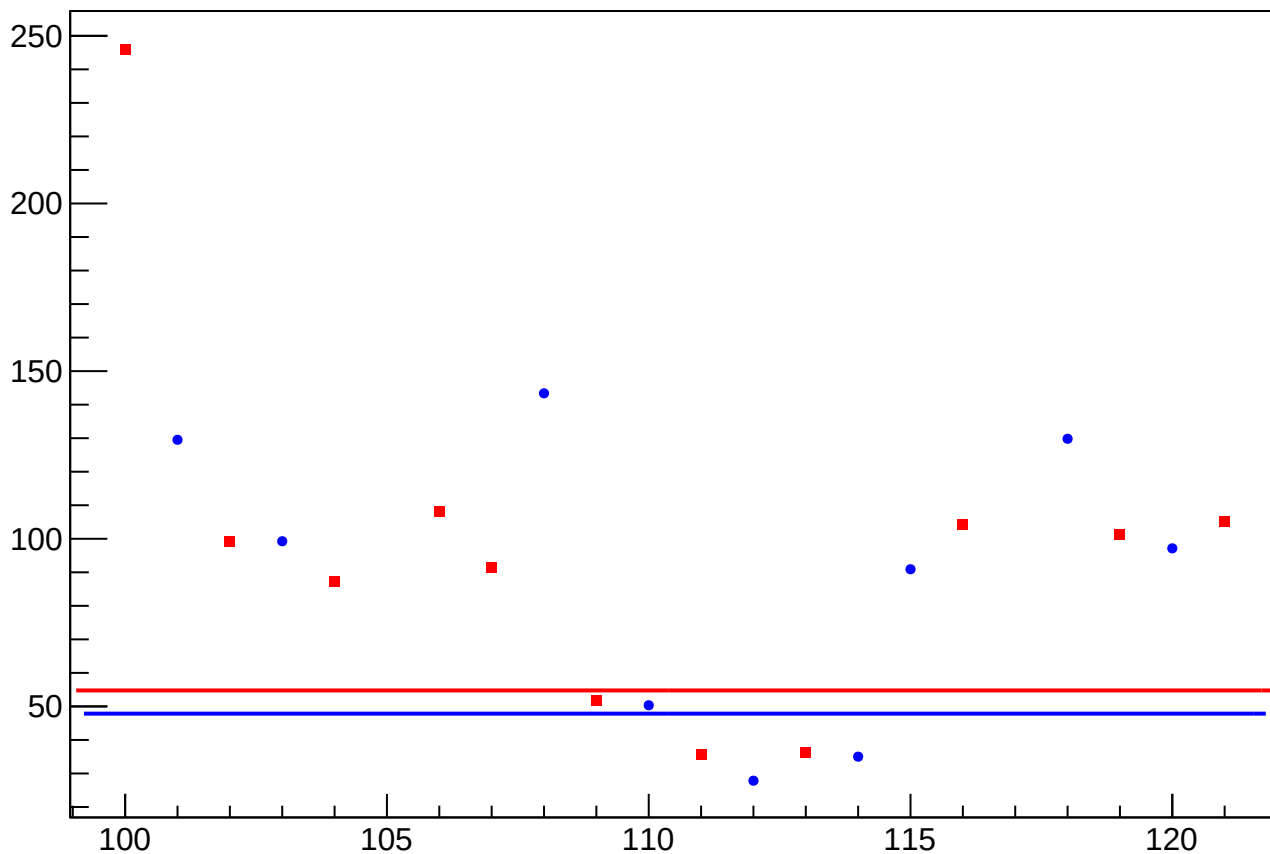
Right: 0.025 $\pm$ 0.022 χ^2 /NDF: 25.7/19

In: 0.064 $\pm$ 0.032 χ^2 /NDF:13.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.022 χ^2 /NDF: 25.7/19

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.768+/-0.021 χ^2/NDF : 1667368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

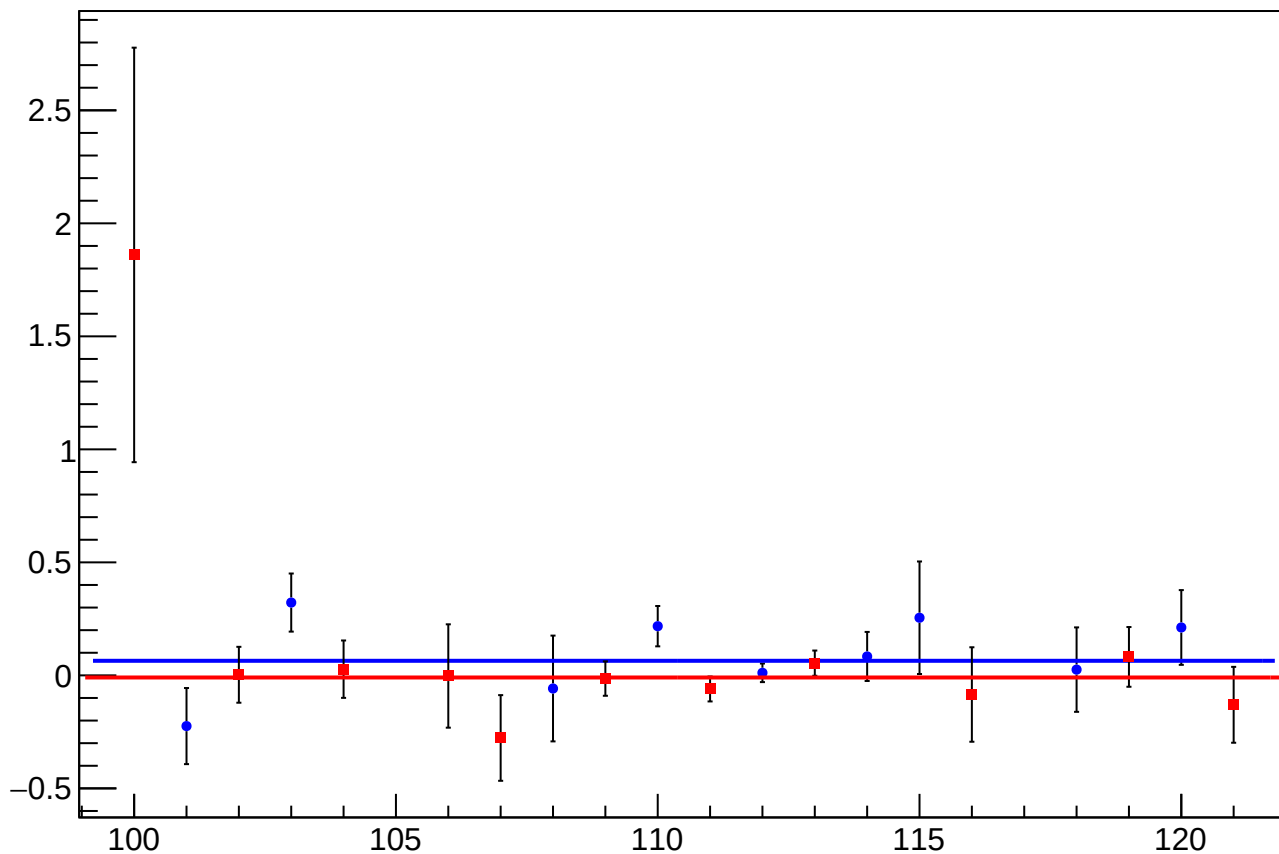
Right: 51.501+/-0.015 χ^2/NDF : 3966675.8/19

In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.501+/-0.015 χ^2/NDF : 3966675.8/19

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.030 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

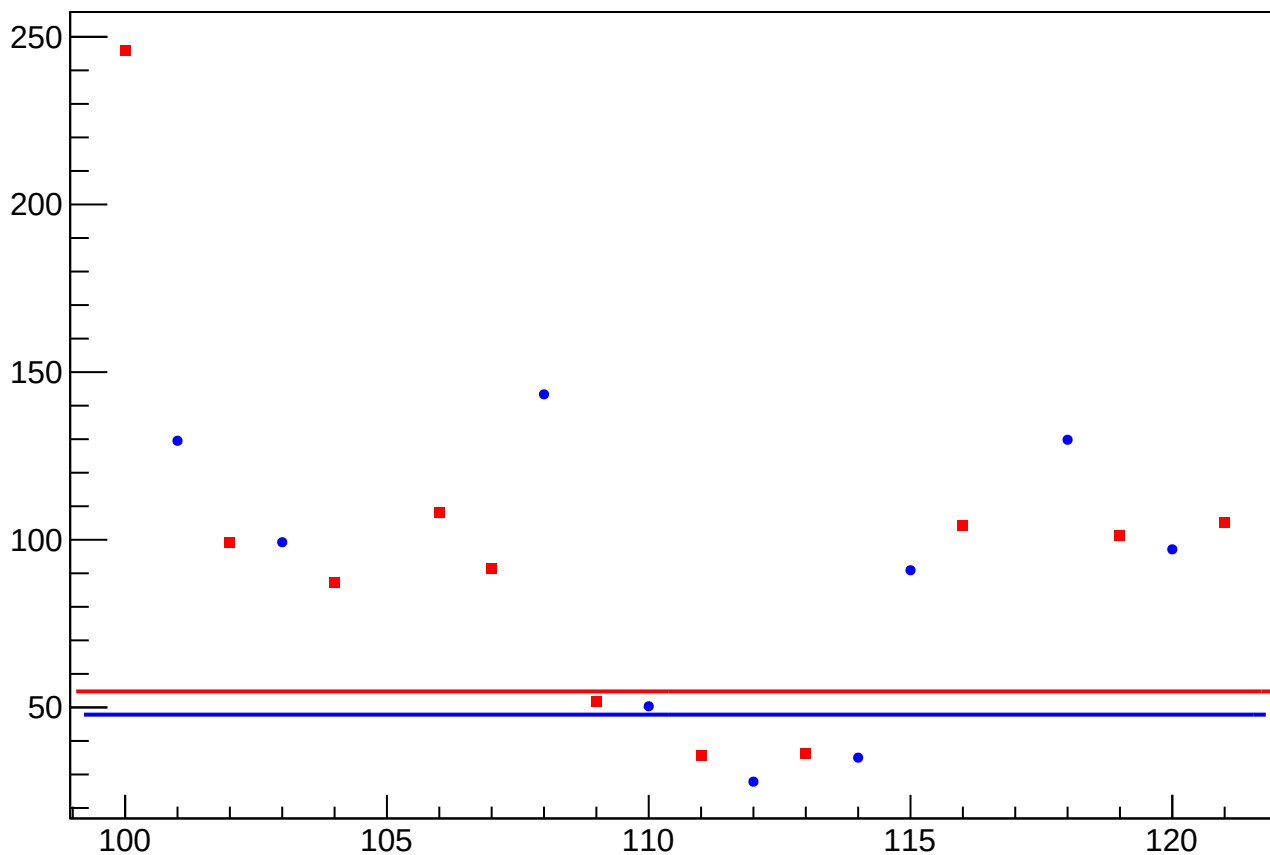
Right: 0.025+/-0.022 χ^2/NDF : 25.7/19

In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.022 χ^2/NDF : 25.7/19

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.768+/-0.021 χ^2/NDF : 1667368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

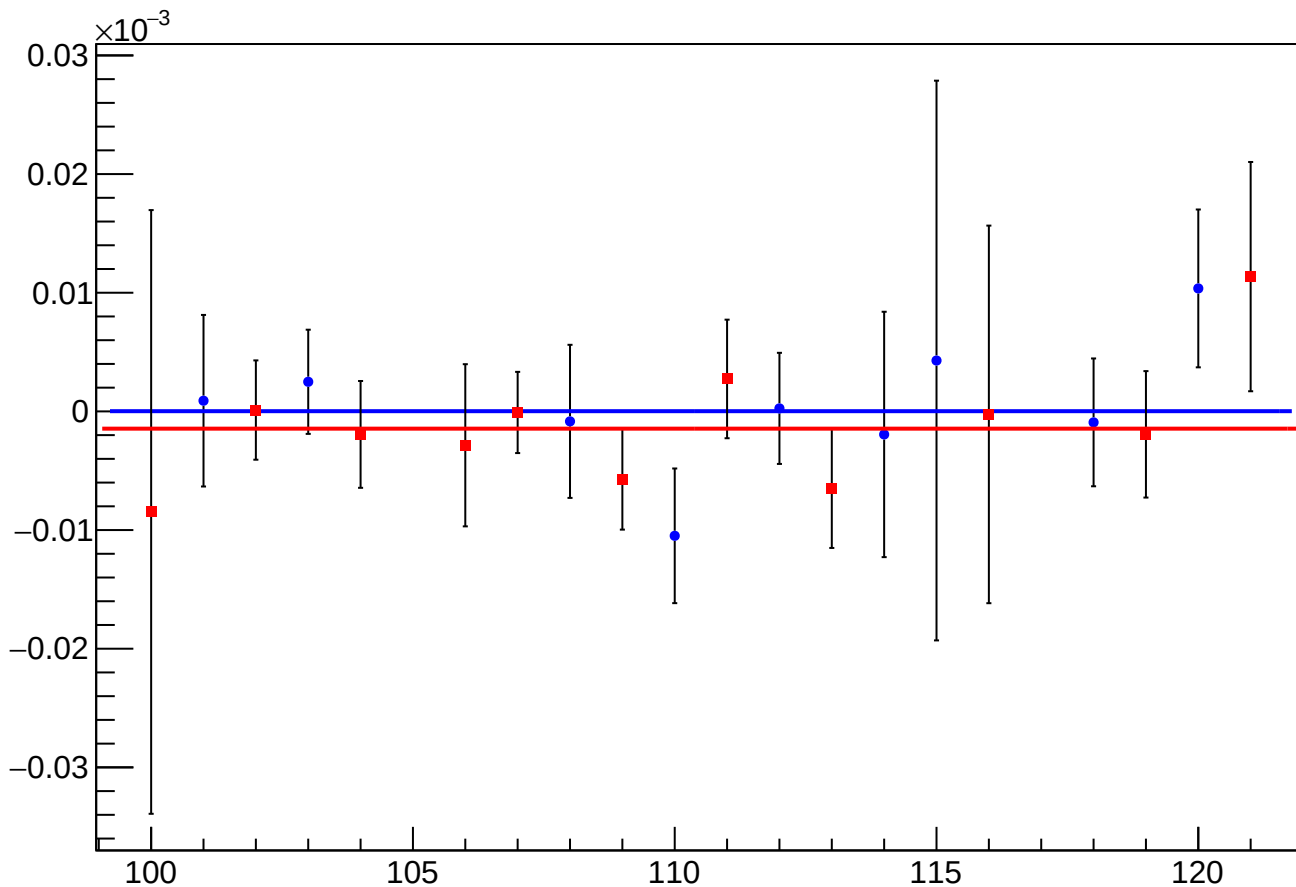
Right: 51.501+/-0.015 χ^2/NDF : 3966675.8/19

In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.501+/-0.015 χ^2/NDF : 3966675.8/19

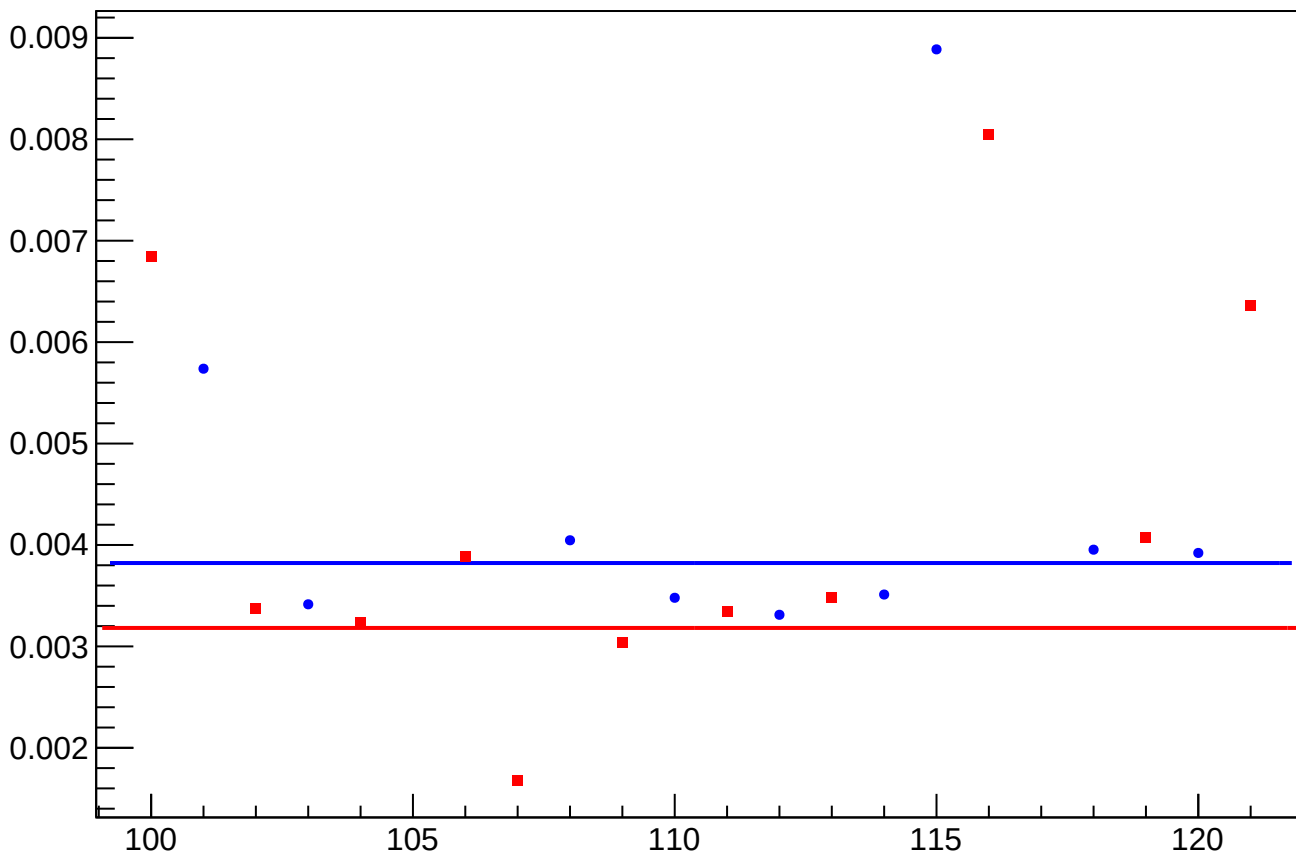
asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 11.5/19
 In: 0.000+/-0.000 χ^2/NDF : 6.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 11.5/19

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 286797.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 923794.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

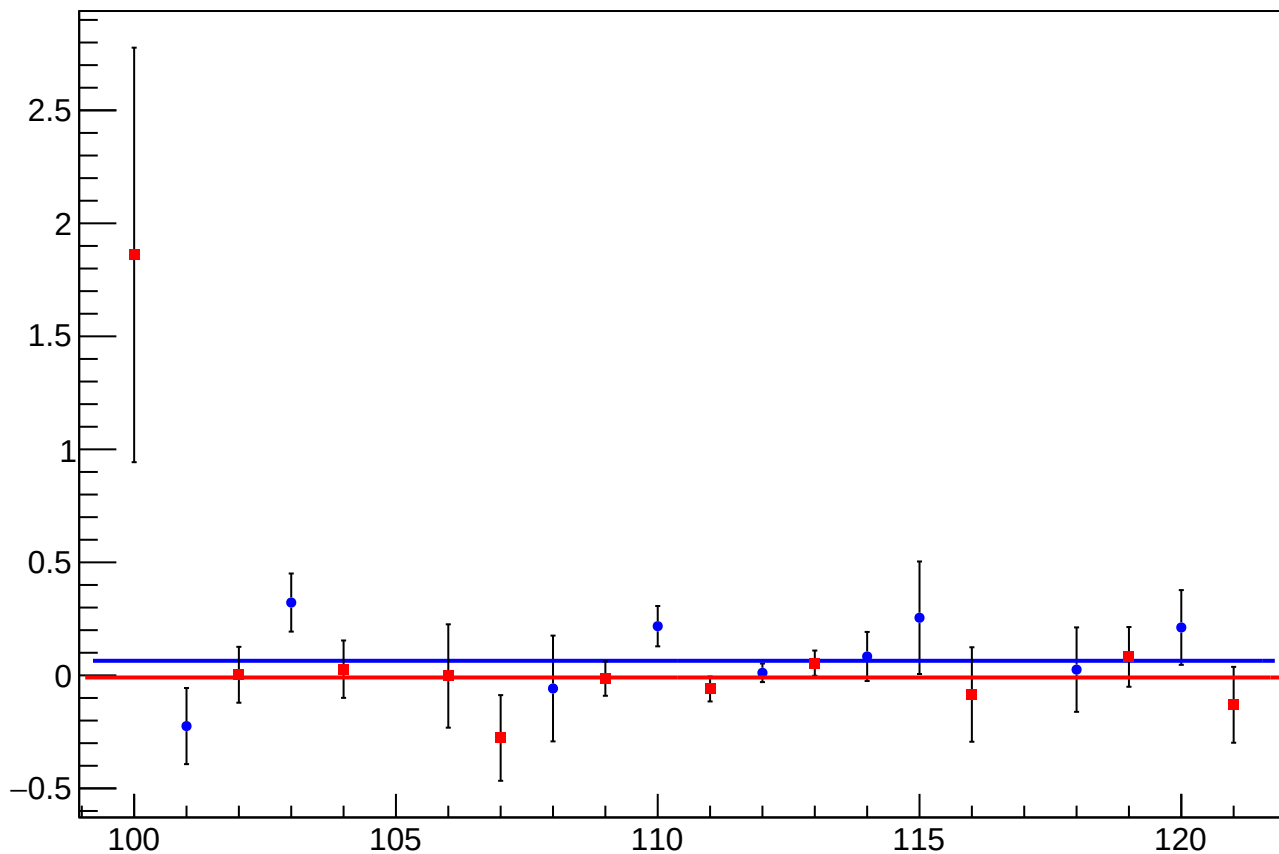
Right: 0.003+/-0.000 χ^2/NDF : 1333435.6/19

In: 0.004+/-0.000 χ^2/NDF :286797.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1333435.6/19

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.030 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

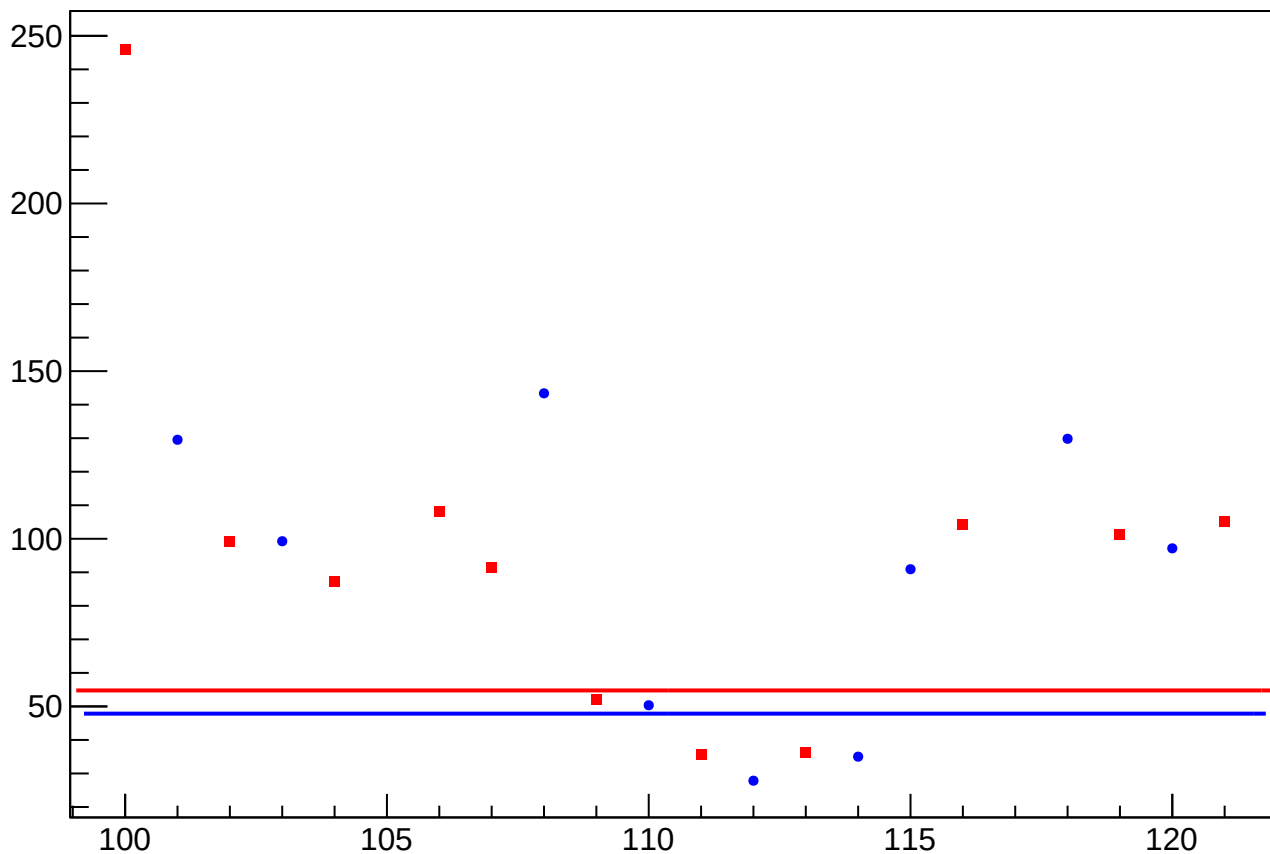
Right: 0.025+/-0.022 χ^2/NDF : 25.7/19

In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.022 χ^2/NDF : 25.7/19

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.766+/-0.021 χ^2/NDF : 1667505.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

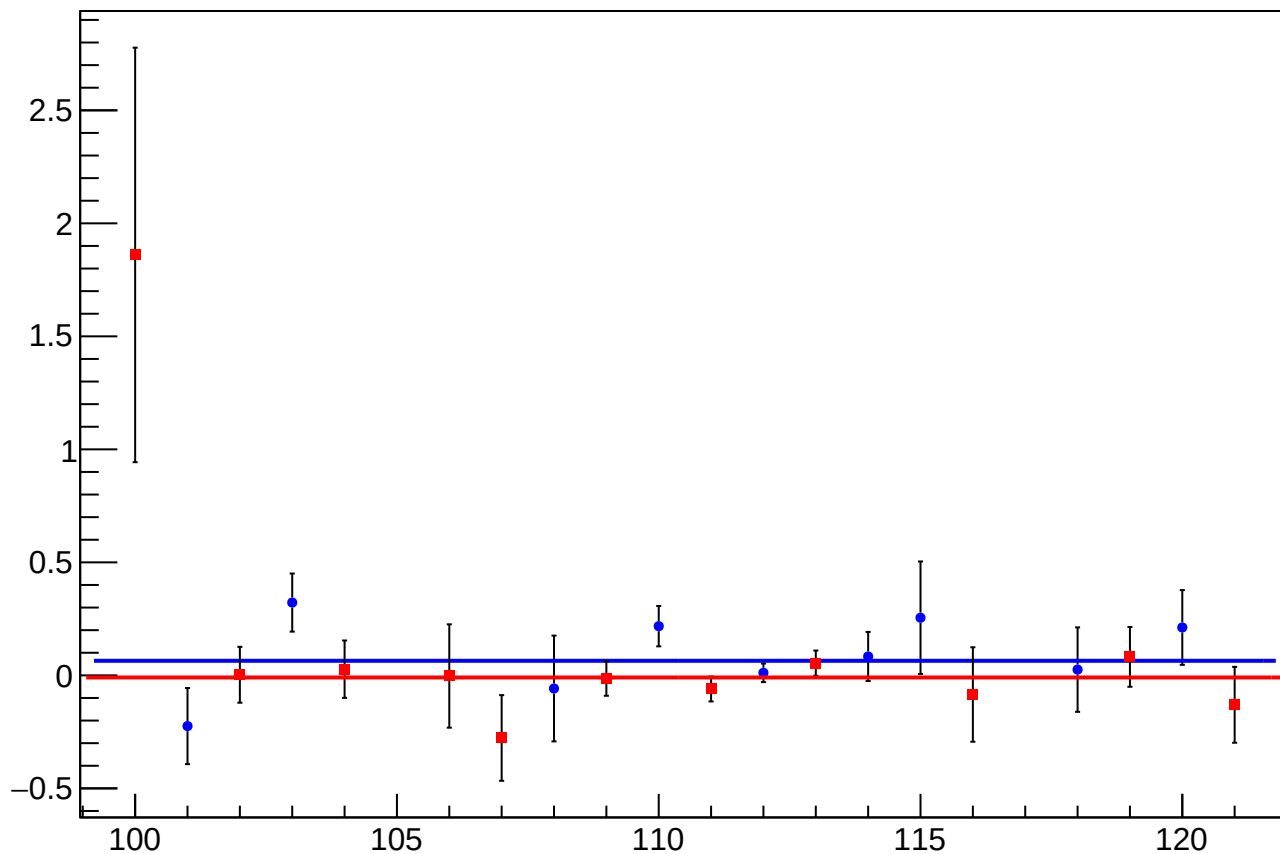
Right: 51.499+/-0.015 χ^2/NDF : 3966938.9/19

In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.499+/-0.015 χ^2/NDF : 3966938.9/19

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.032 χ^2 /NDF: 13.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.030 χ^2 /NDF: 9.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

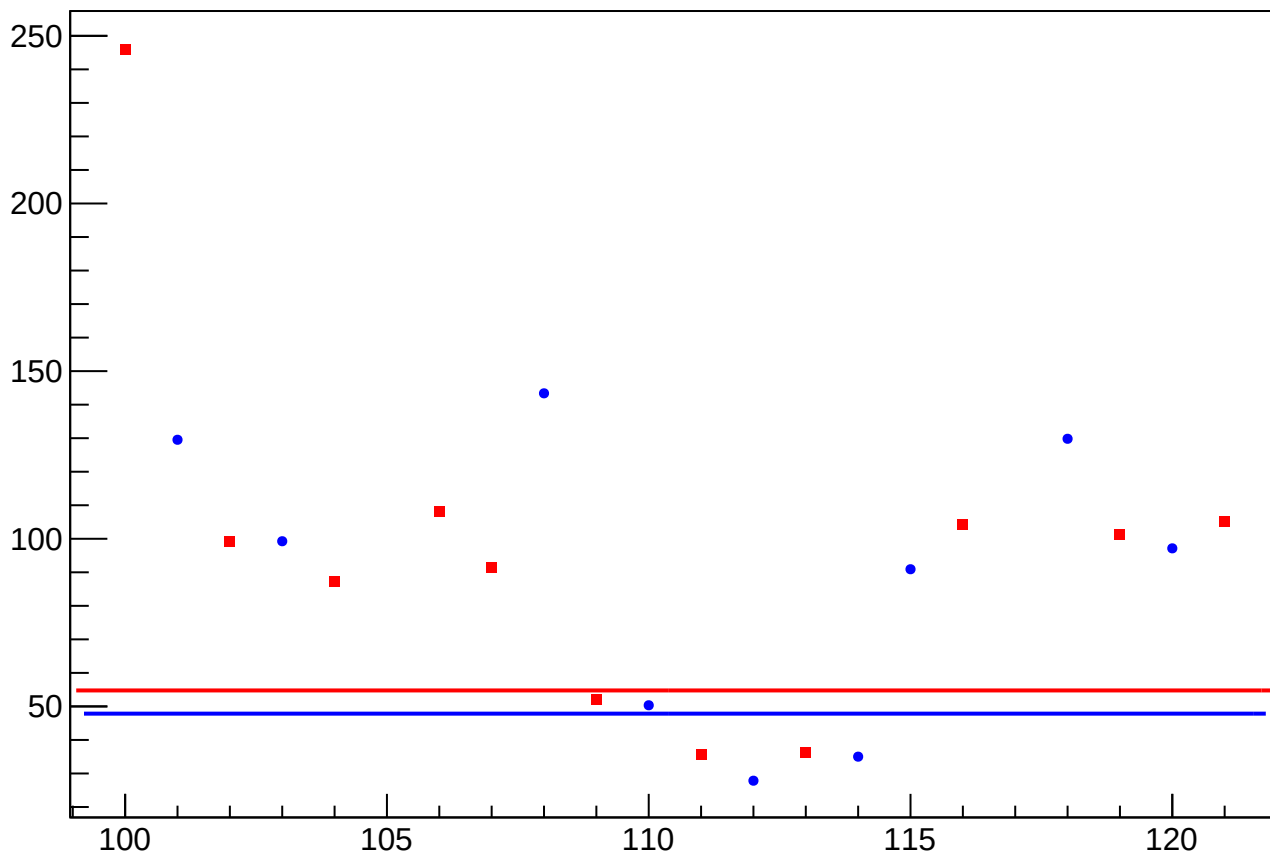
Right: 0.025 $\pm$ 0.022 χ^2 /NDF: 25.7/19

In: 0.064 $\pm$ 0.032 χ^2 /NDF:13.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.022 χ^2 /NDF: 25.7/19

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.766+/-0.021 χ^2/NDF : 1667505.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

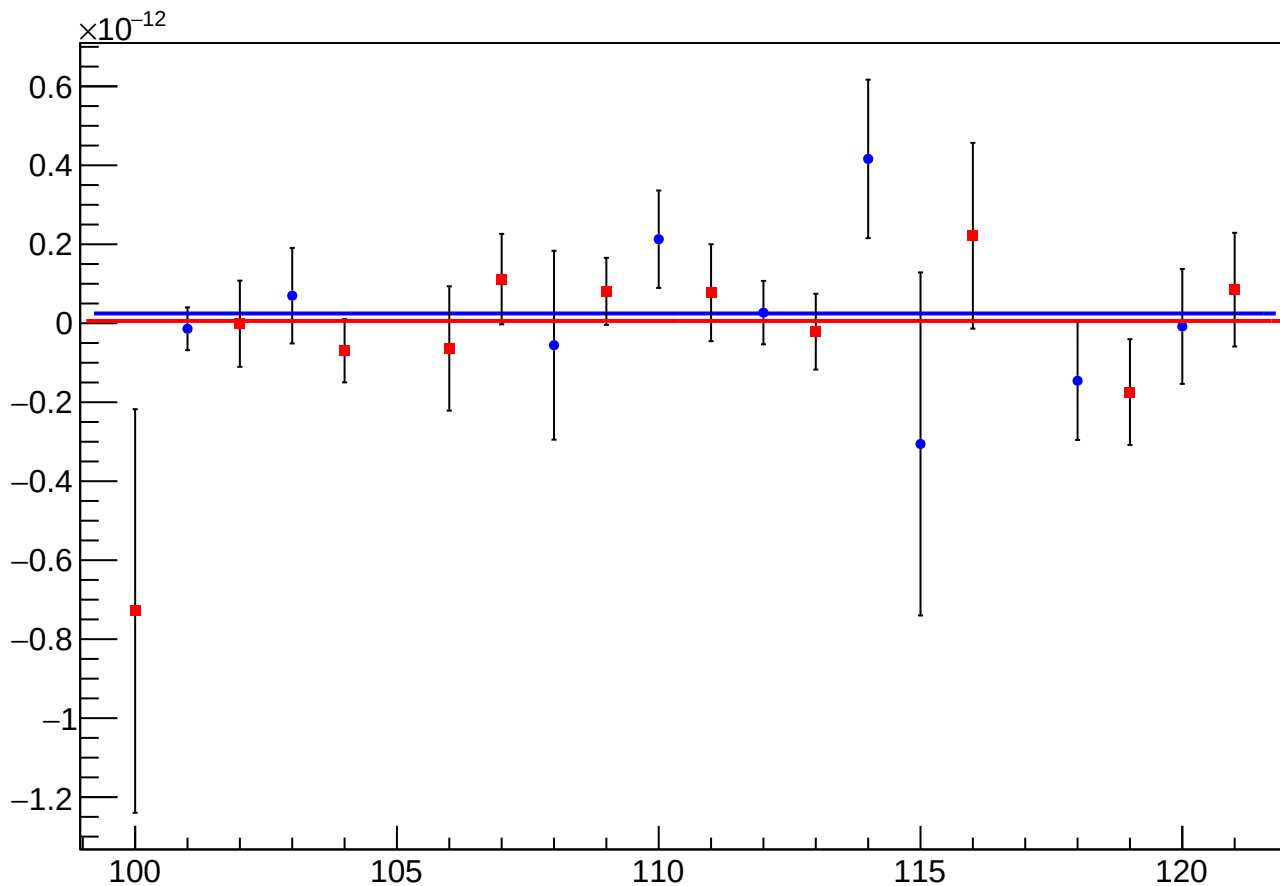
Right: 51.499+/-0.015 χ^2/NDF : 3966938.9/19

In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.499+/-0.015 χ^2/NDF : 3966938.9/19

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

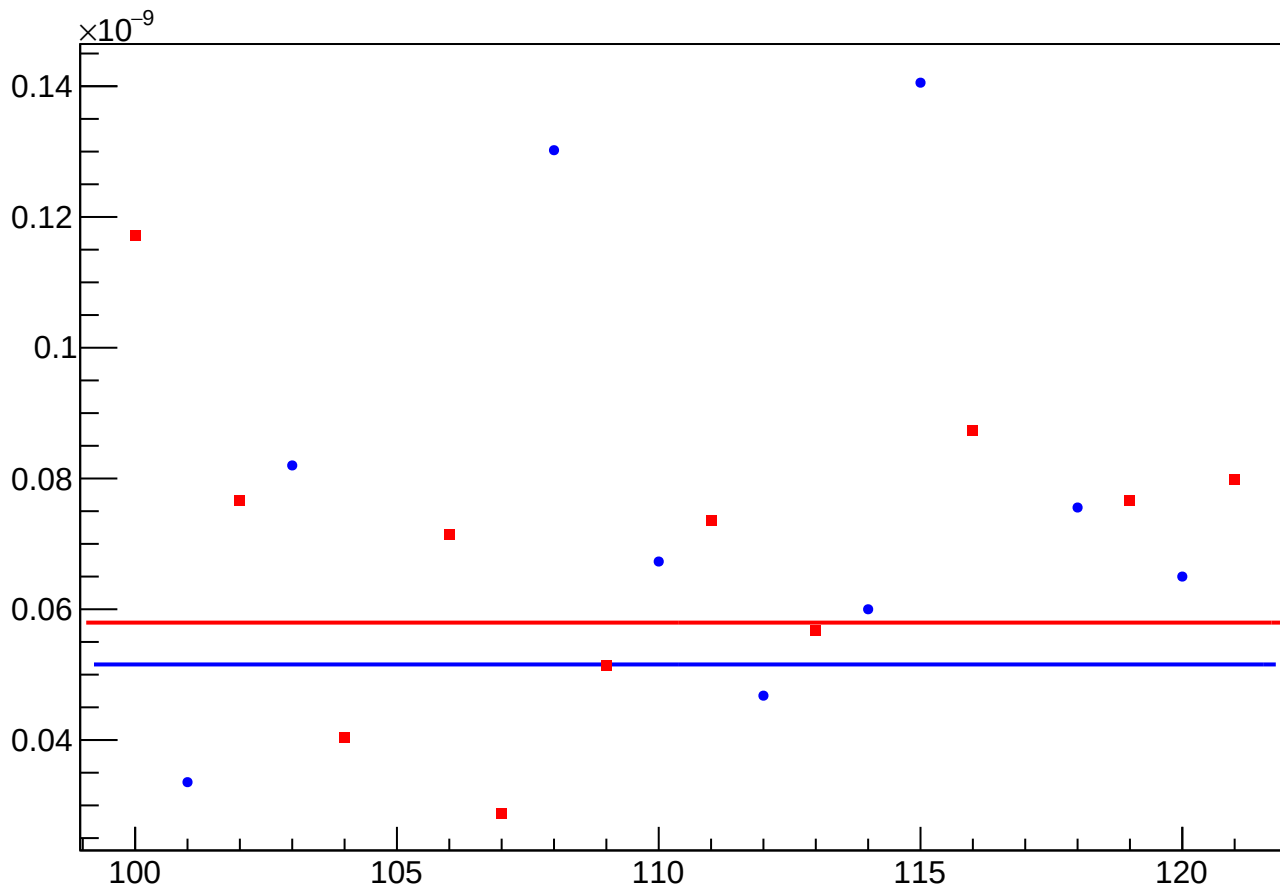
Right: 0.000+/-0.000 χ^2/NDF : 17.1/19

In: 0.000+/-0.000 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/19

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 759344.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 486278.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

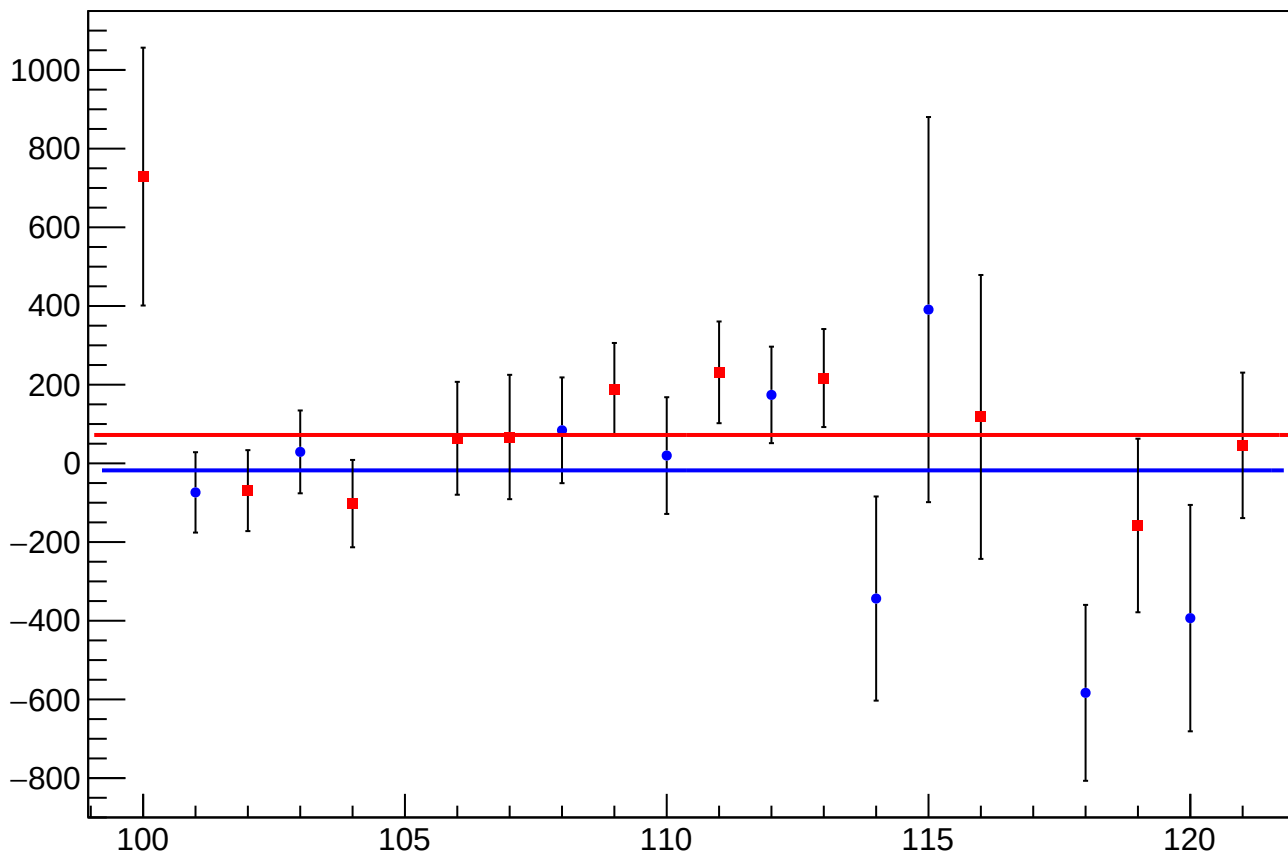
Right: 0.000+/-0.000 χ^2/NDF : 1277658.6/19

In: 0.000+/-0.000 χ^2/NDF : 759344.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1277658.6/19

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.810 ± 49.722 χ^2/NDF : 14.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.176 ± 43.555 χ^2/NDF : 13.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

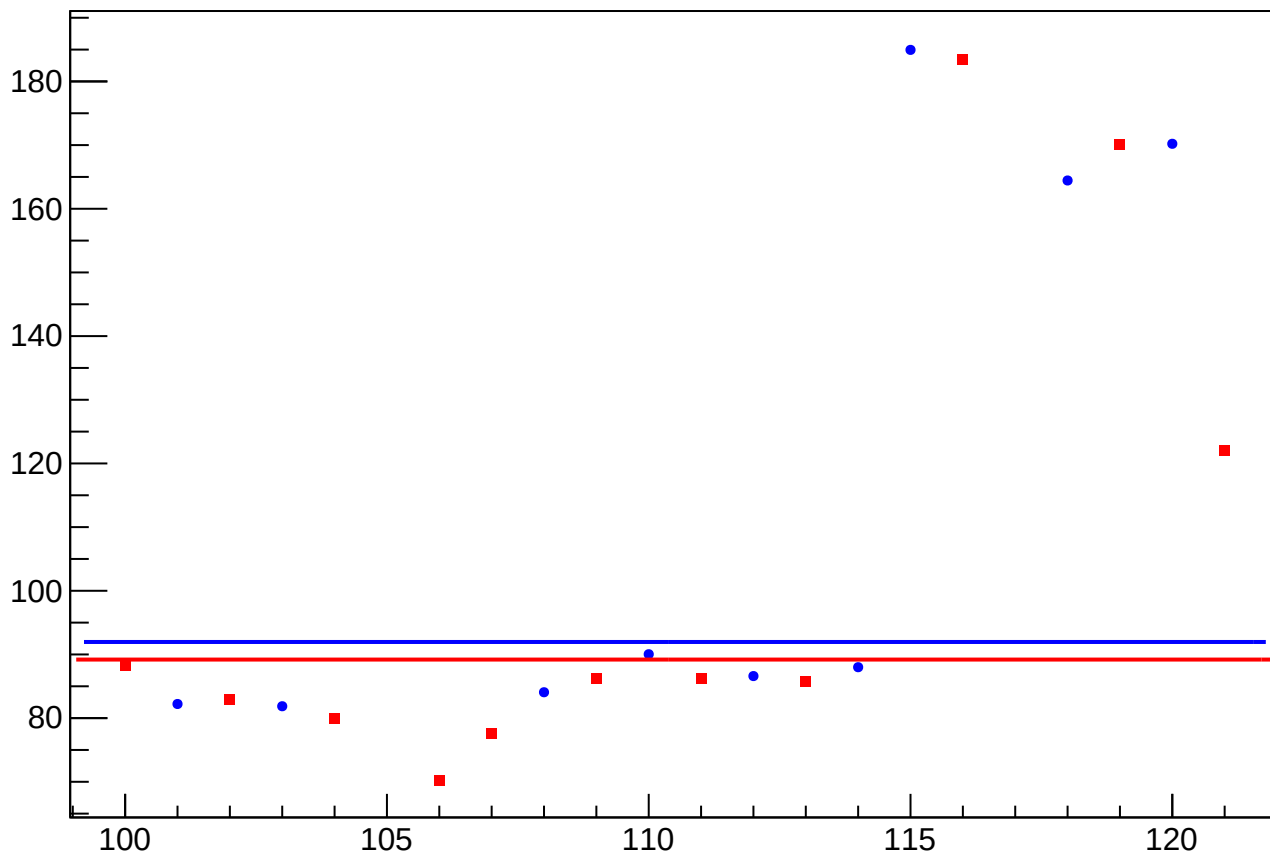
Right: 33.107 ± 32.763 χ^2/NDF : 29.1/19

In: -17.810 ± 49.722 χ^2/NDF : 14.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 33.107 ± 32.763 χ^2/NDF : 29.1/19

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.960+/-0.035 χ^2/NDF : 478438.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.197+/-0.031 χ^2/NDF : 540282.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

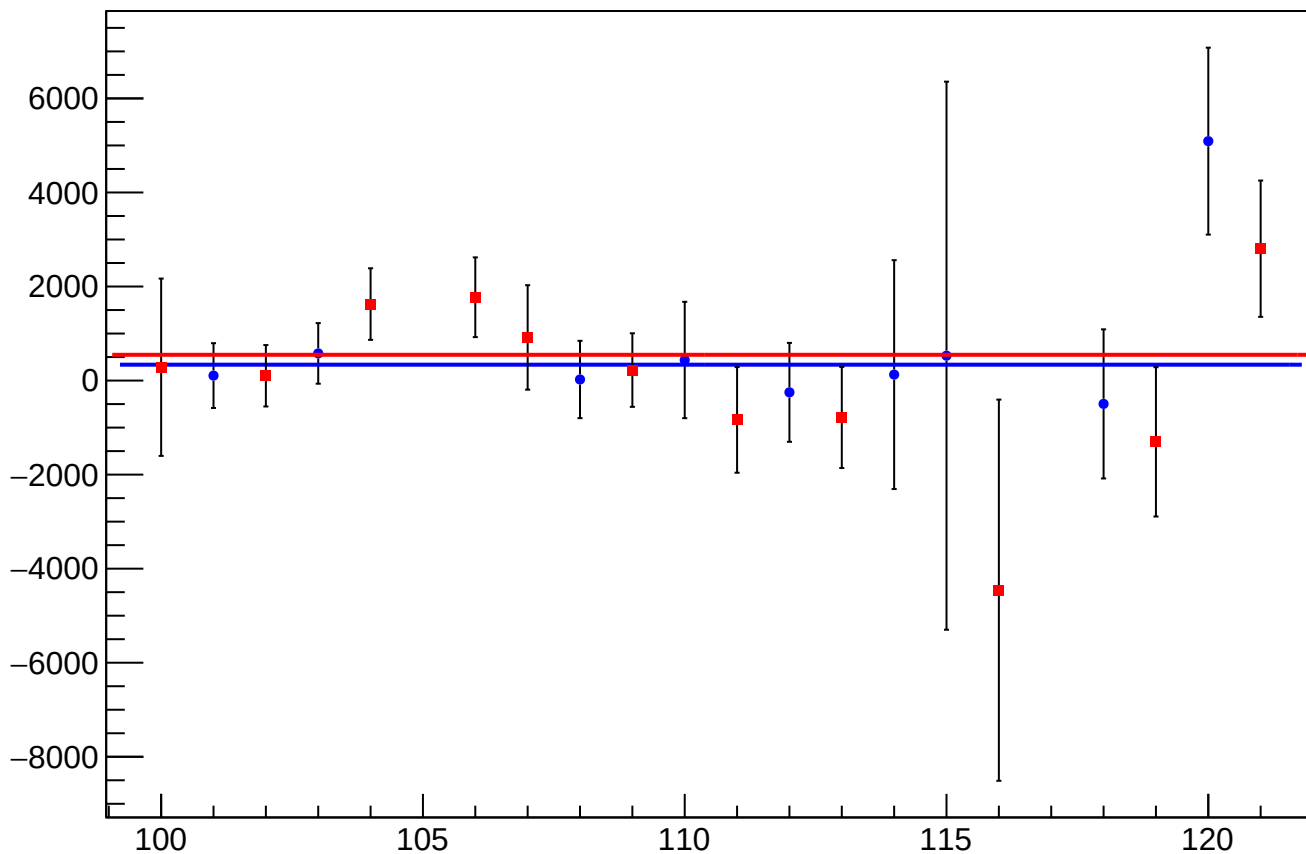
Right: 90.397+/-0.023 χ^2/NDF : 1022215.1/19

In: 91.960+/-0.035 χ^2/NDF : 478438.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.397+/-0.023 χ^2/NDF : 1022215.1/19

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 337.628+/-345.016 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.943+/-304.580 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

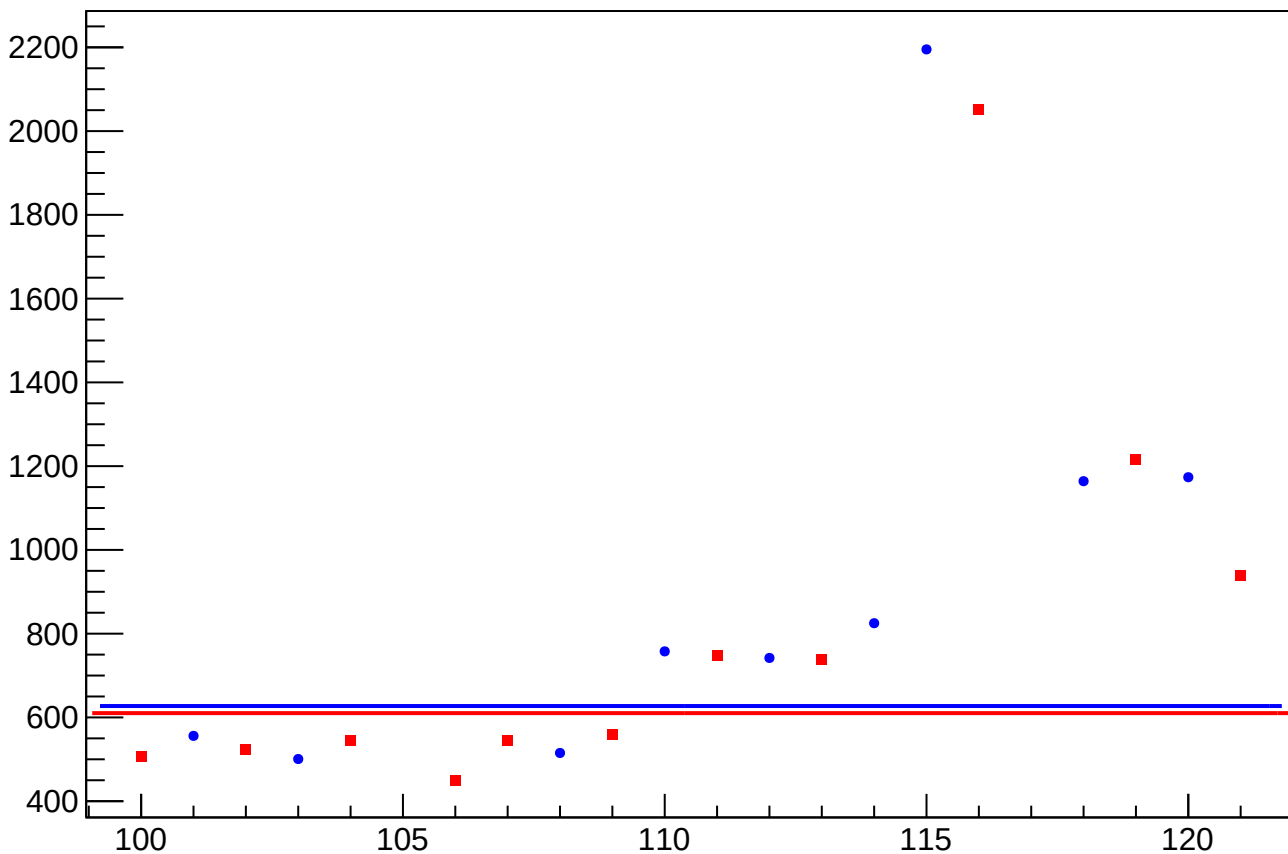
Right: 455.827+/-228.335 χ^2/NDF : 20.2/19

In: 337.628+/-345.016 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.827+/-228.335 χ^2/NDF : 20.2/19

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 627.206+/-0.244 χ^2/NDF : 720185.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.258+/-0.215 χ^2/NDF : 847695.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

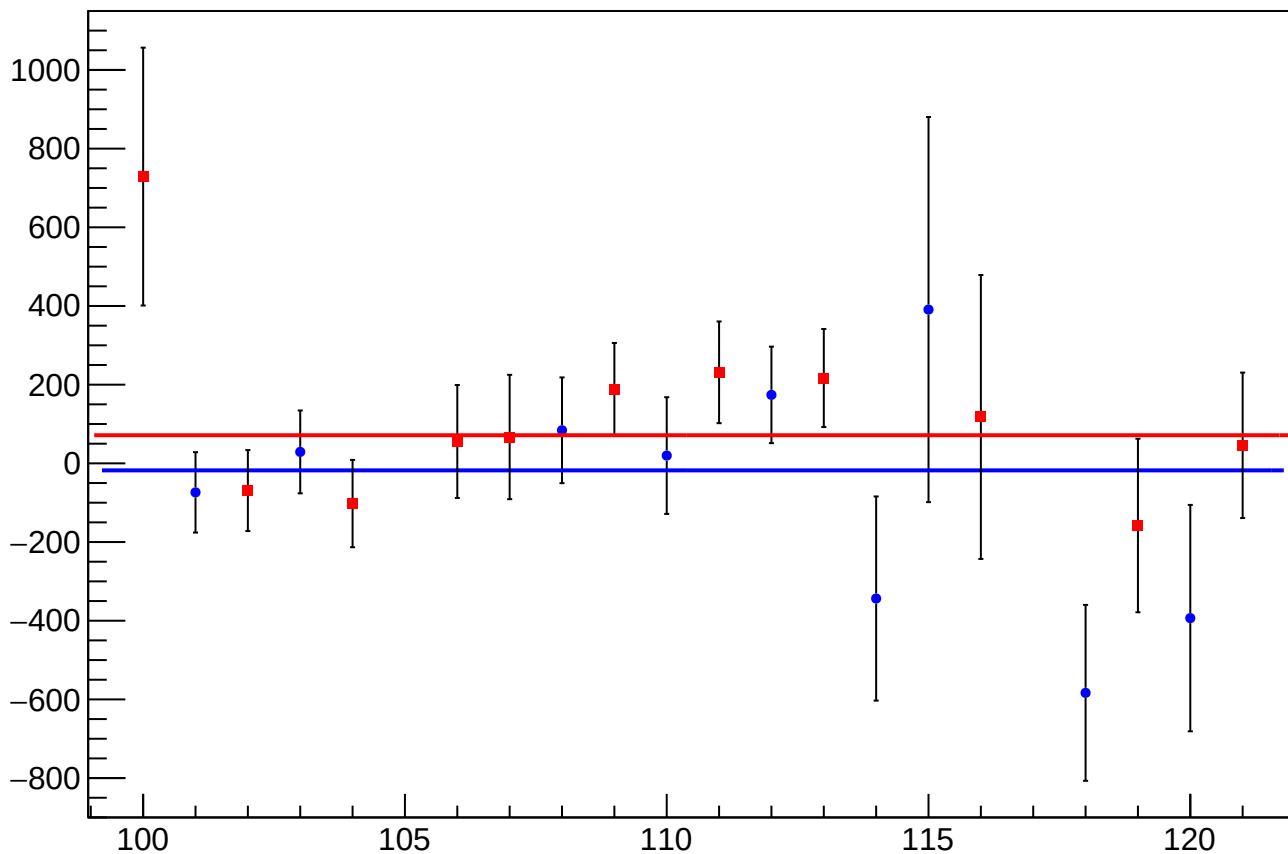
Right: 617.681+/-0.161 χ^2/NDF : 1570593.2/19

In: 627.206+/-0.244 χ^2/NDF : 720185.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.681+/-0.161 χ^2/NDF : 1570593.2/19

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.831 ± 49.722 $\chi^2/\text{NDF}: 14.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 71.467 ± 43.559 $\chi^2/\text{NDF}: 13.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

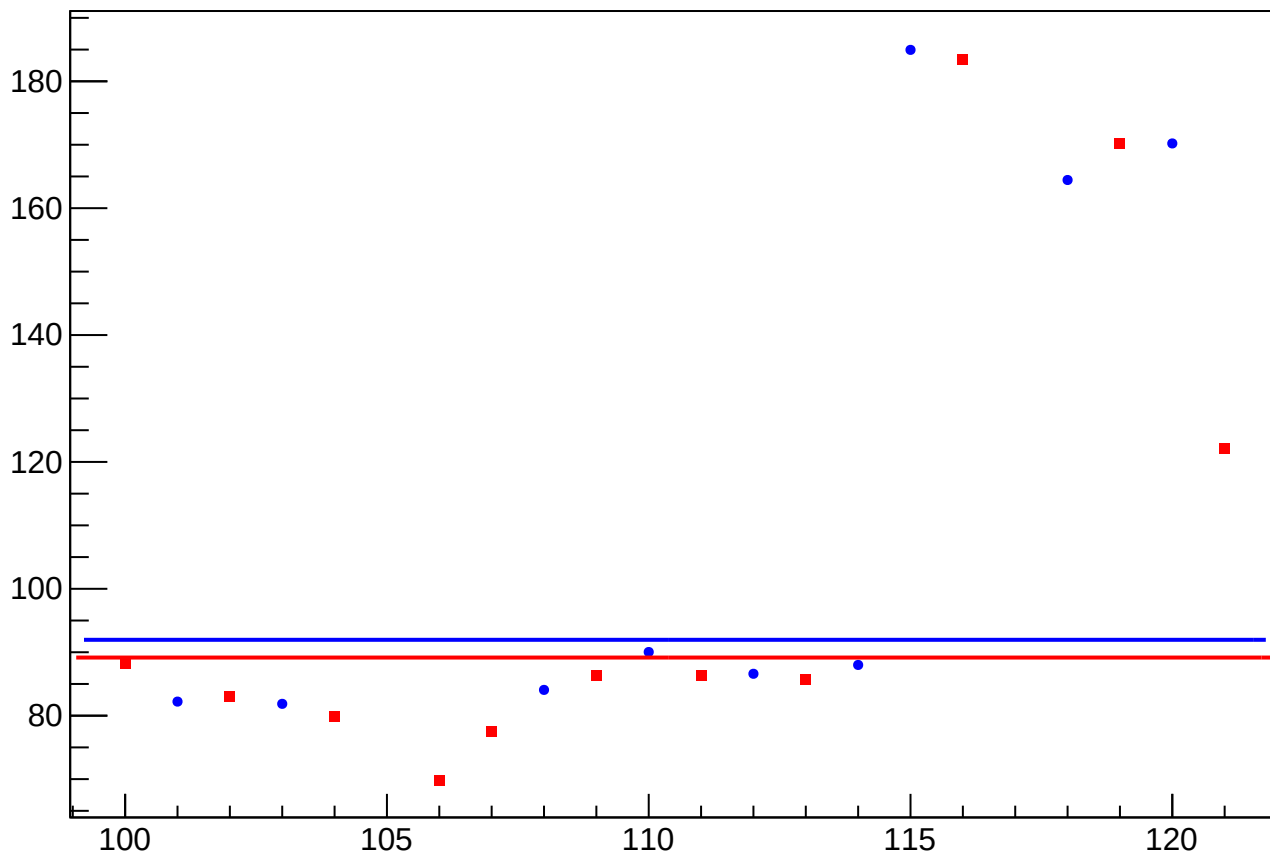
Right: 32.692 ± 32.764 $\chi^2/\text{NDF}: 29.1/19$

In: -17.831 ± 49.722 $\chi^2/\text{NDF}: 14.0/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 32.692 ± 32.764 $\chi^2/\text{NDF}: 29.1/19$

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.960 $\pm$ 0.035 χ^2 /NDF: 478438.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.164 $\pm$ 0.031 χ^2 /NDF: 541762.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

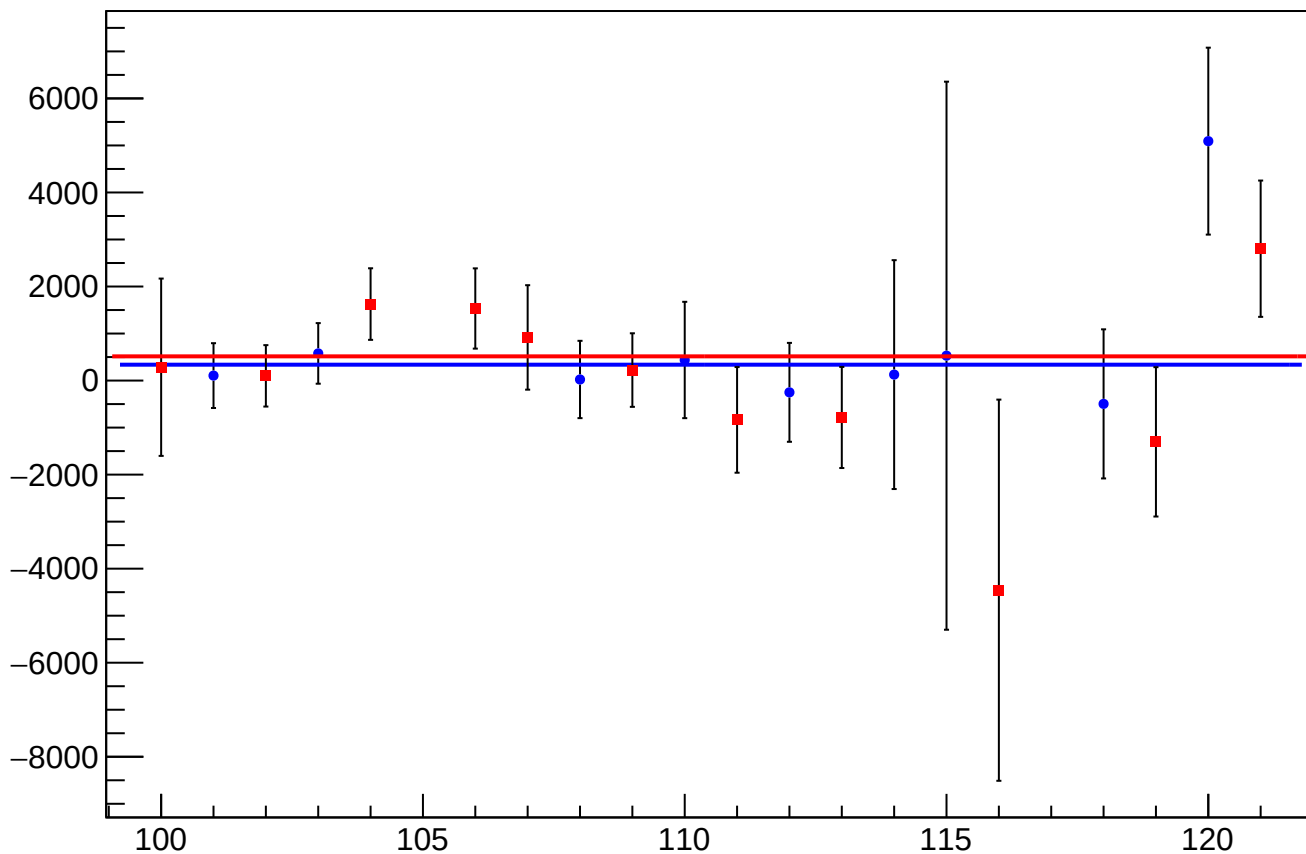
Right: 90.378 $\pm$ 0.023 χ^2 /NDF: 1023780.0/19

In: 91.960 $\pm$ 0.035 χ^2 /NDF: 478438.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.378 $\pm$ 0.023 χ^2 /NDF: 1023780.0/19

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 515.016+/-304.836 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

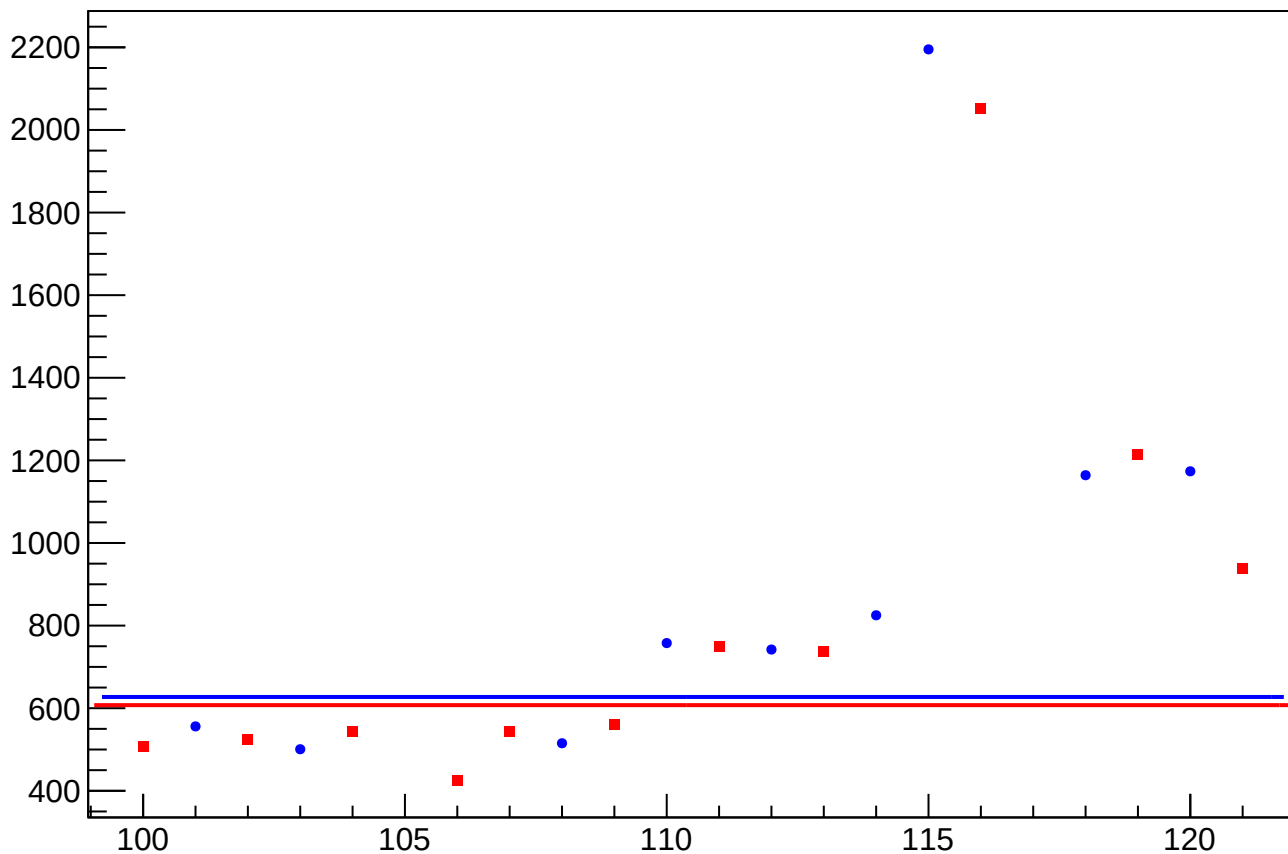
Right: 437.249+/-228.443 χ^2/NDF : 19.3/19

In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.249+/-228.443 χ^2/NDF : 19.3/19

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.417+/-0.216 χ^2/NDF : 869803.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

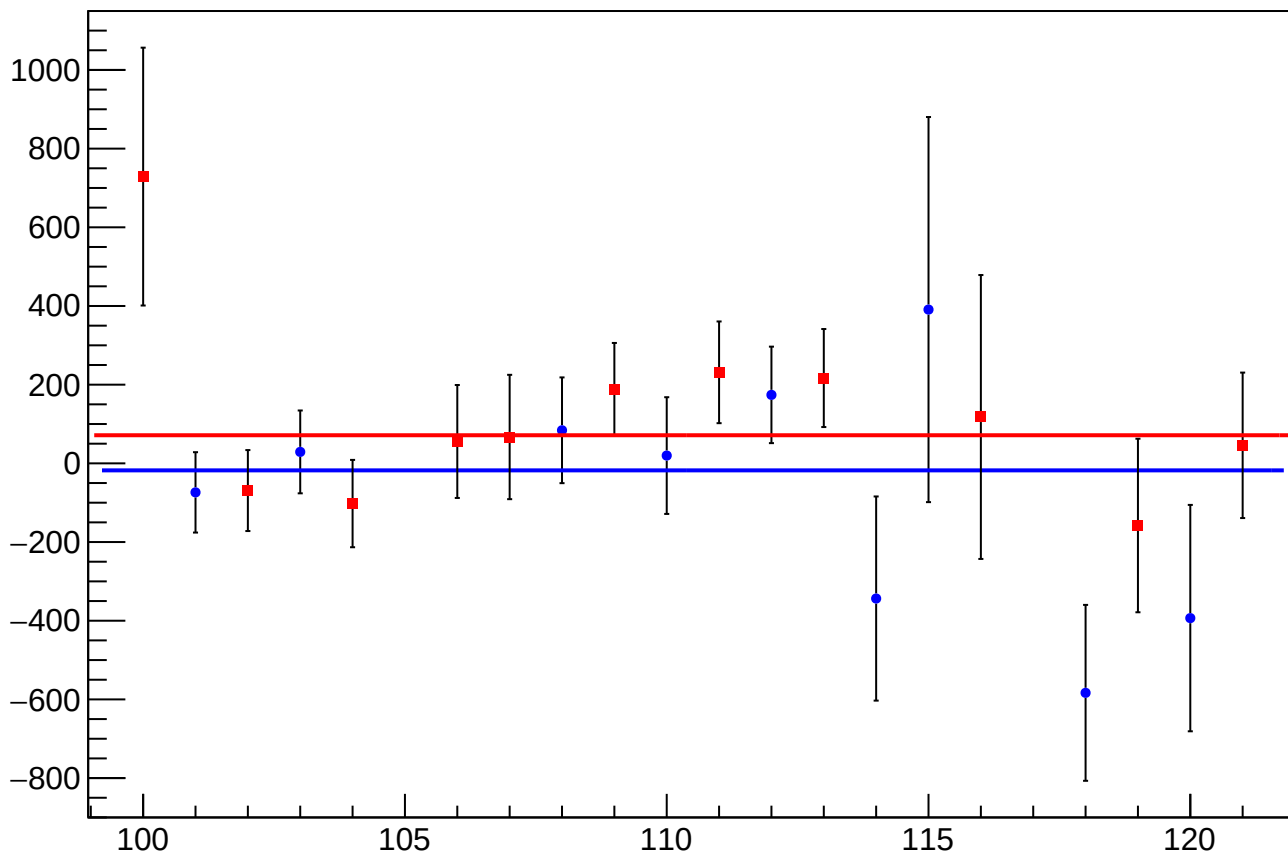
Right: 616.093+/-0.162 χ^2/NDF : 1593684.7/19

In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.093+/-0.162 χ^2/NDF : 1593684.7/19

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.831+/-49.722 χ^2/NDF : 14.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.467+/-43.559 χ^2/NDF : 13.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

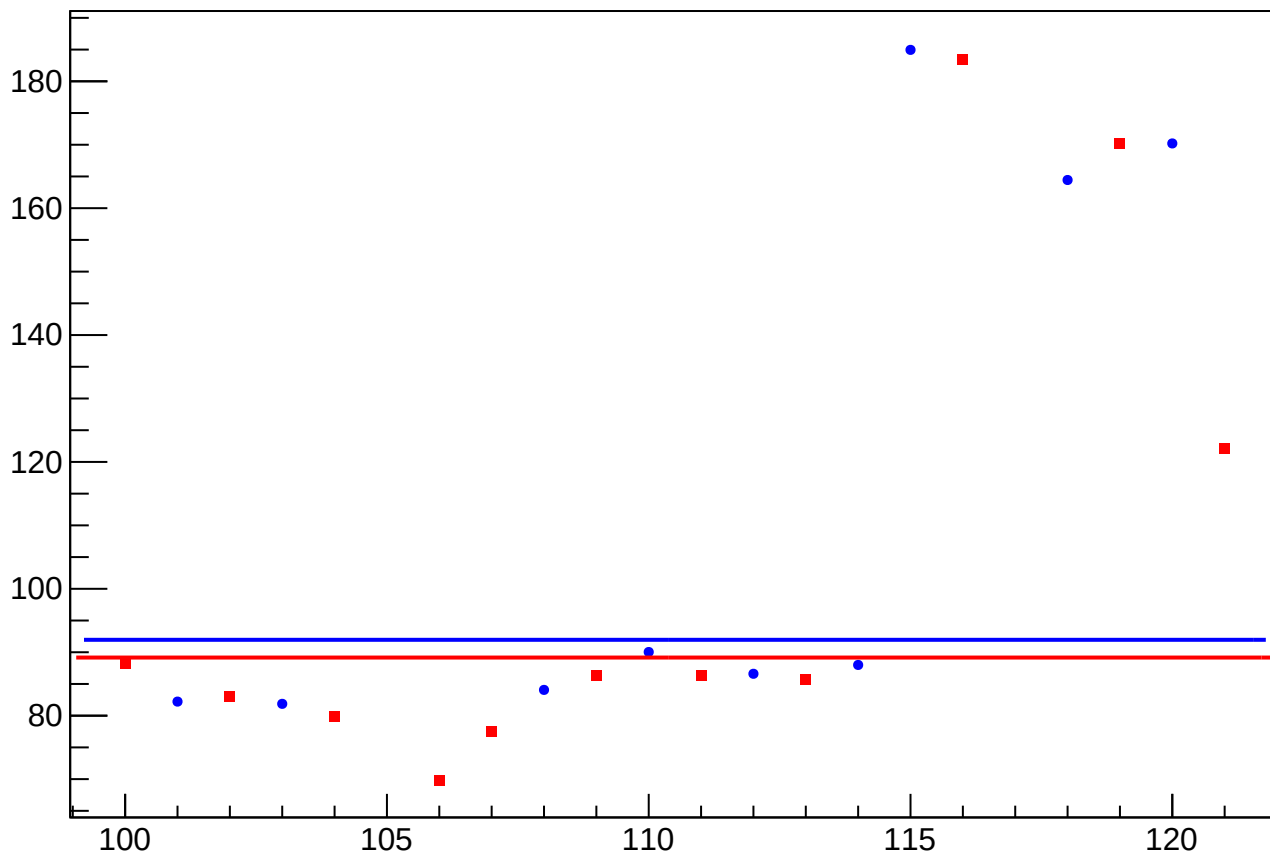
Right: 32.692+/-32.764 χ^2/NDF : 29.1/19

In: -17.831+/-49.722 χ^2/NDF : 14.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.692+/-32.764 χ^2/NDF : 29.1/19

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.960 $\pm$ 0.035 χ^2 /NDF: 478438.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.164 $\pm$ 0.031 χ^2 /NDF: 541762.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

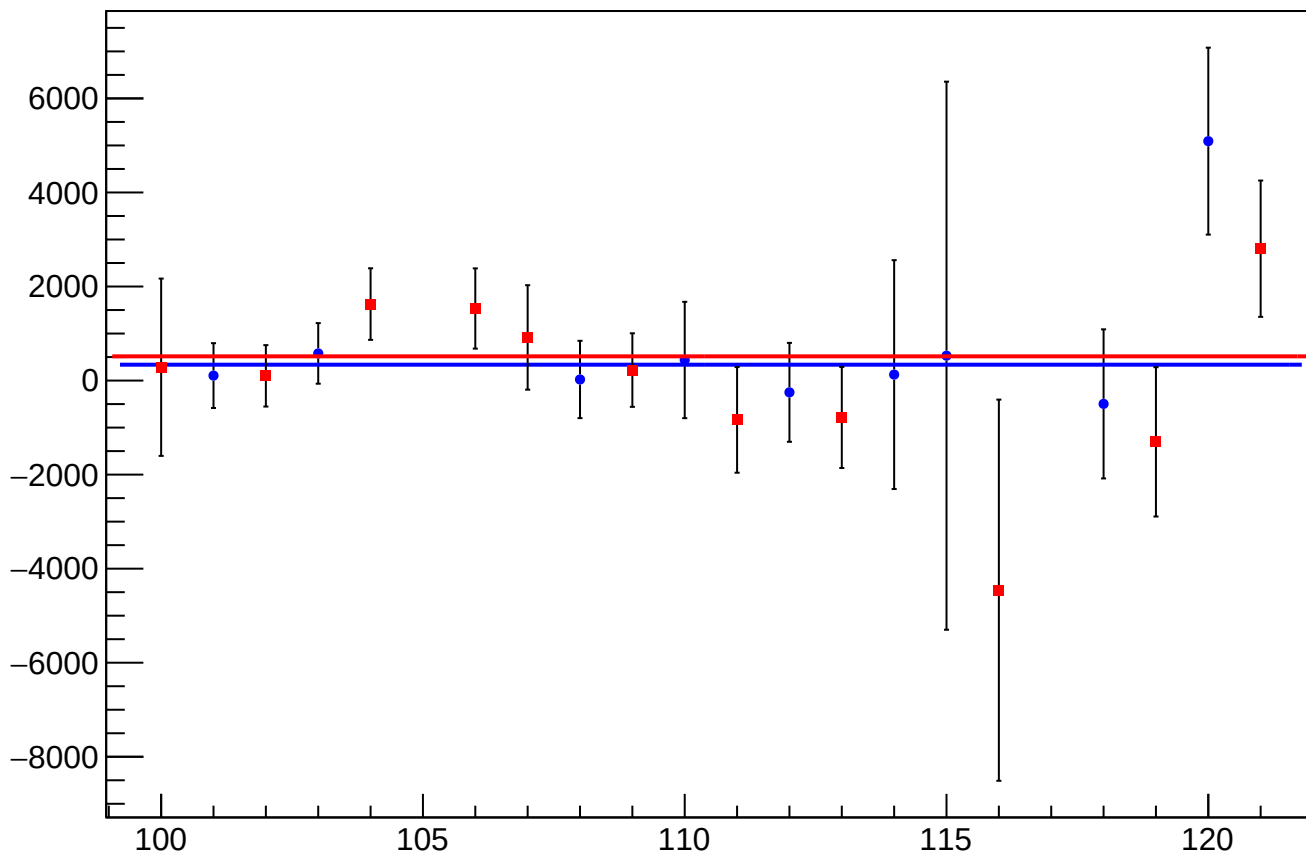
Right: 90.378 $\pm$ 0.023 χ^2 /NDF: 1023780.0/19

In: 91.960 $\pm$ 0.035 χ^2 /NDF:478438.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.378 $\pm$ 0.023 χ^2 /NDF: 1023780.0/19

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 515.016+/-304.836 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

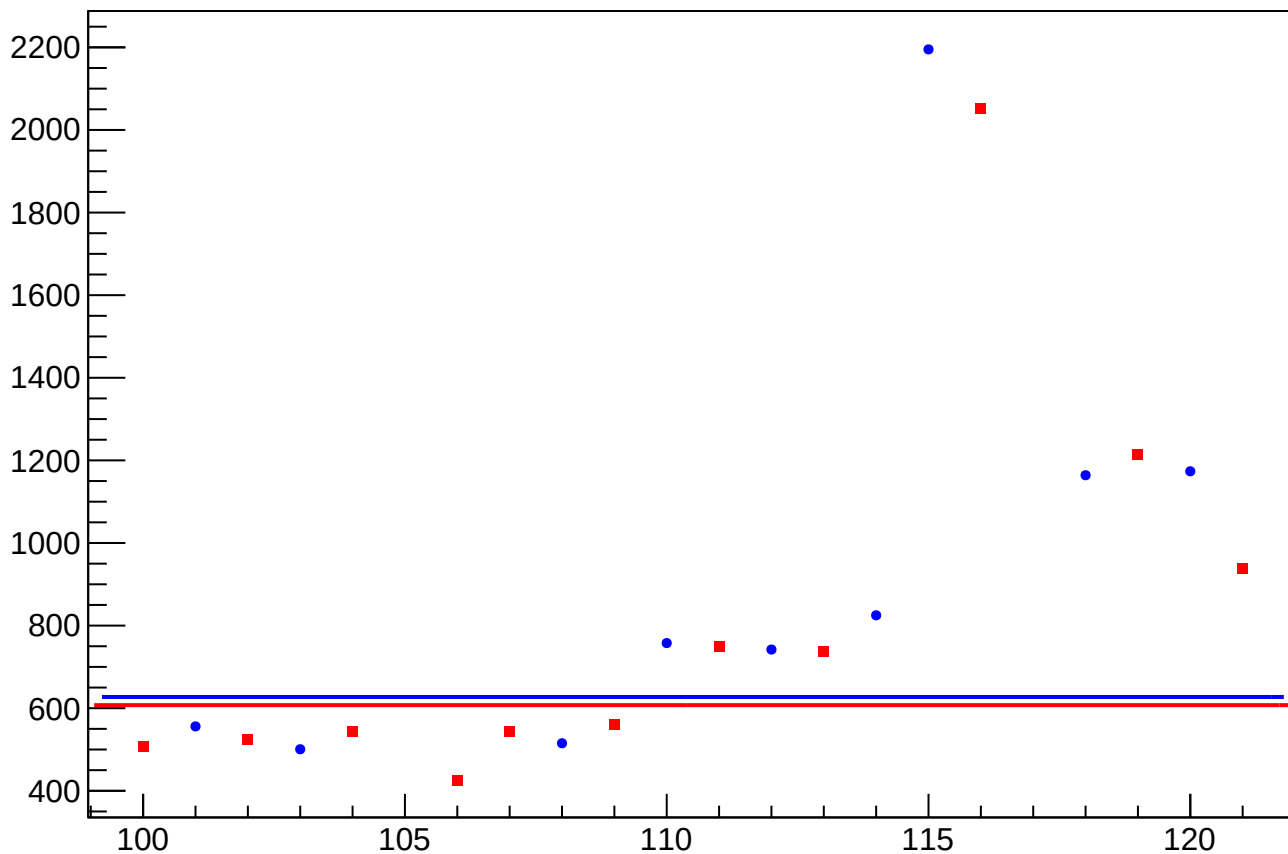
Right: 437.249+/-228.443 χ^2/NDF : 19.3/19

In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.249+/-228.443 χ^2/NDF : 19.3/19

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.417+/-0.216 χ^2/NDF : 869803.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

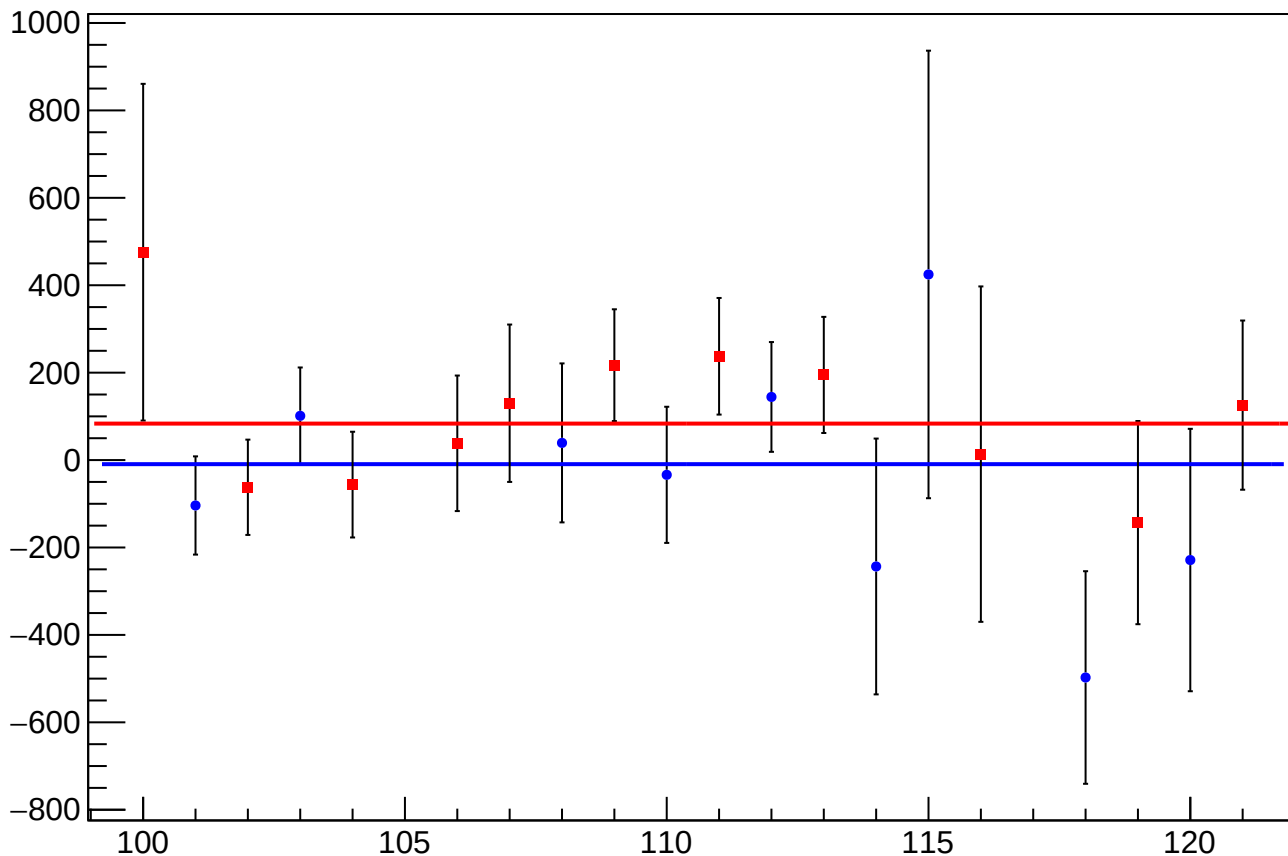
Right: 616.093+/-0.162 χ^2/NDF : 1593684.7/19

In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.093+/-0.162 χ^2/NDF : 1593684.7/19

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -9.346+/-54.291 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.457+/-46.742 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

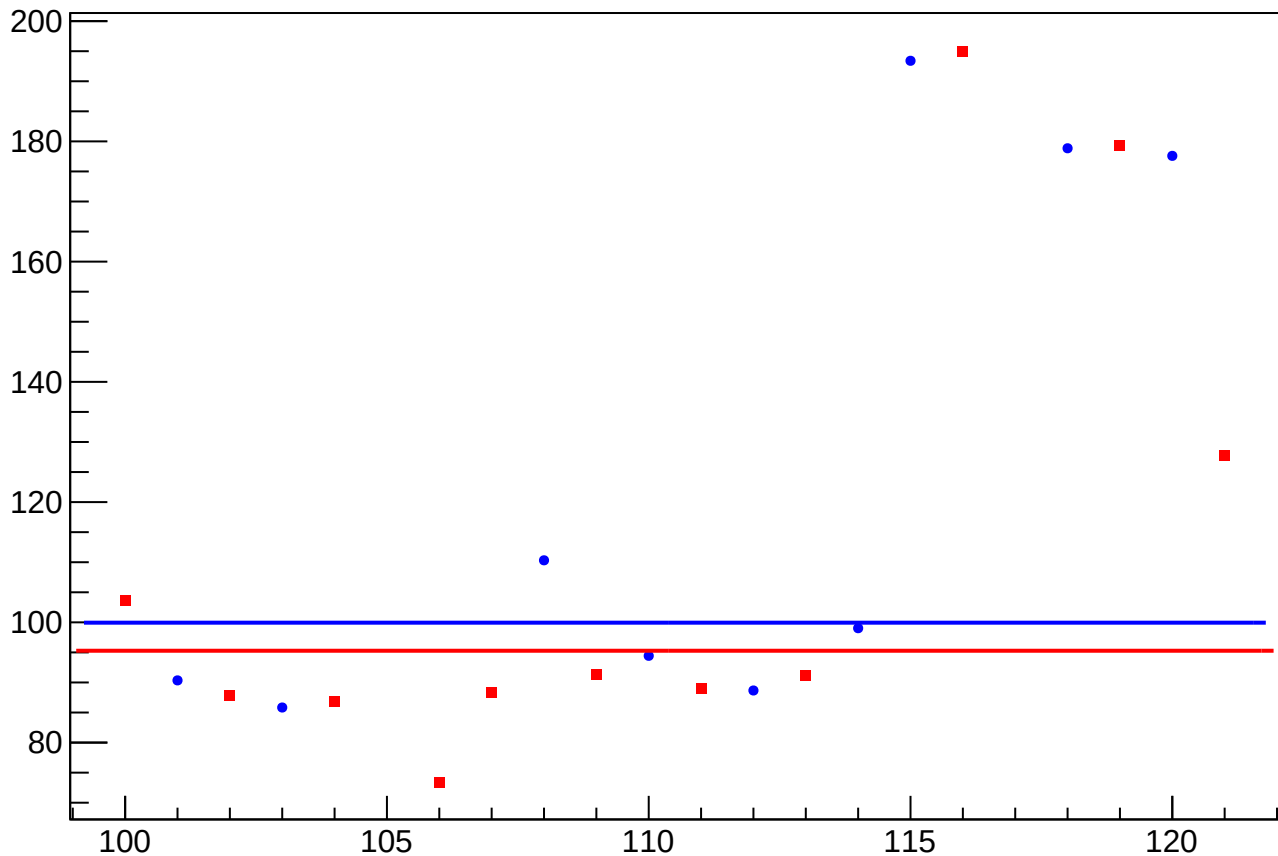
Right: 43.951+/-35.422 χ^2/NDF : 19.4/19

In: -9.346+/-54.291 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.951+/-35.422 χ^2/NDF : 19.4/19

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 99.944+/-0.038 χ^2/NDF : 483322.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.277+/-0.033 χ^2/NDF : 523648.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

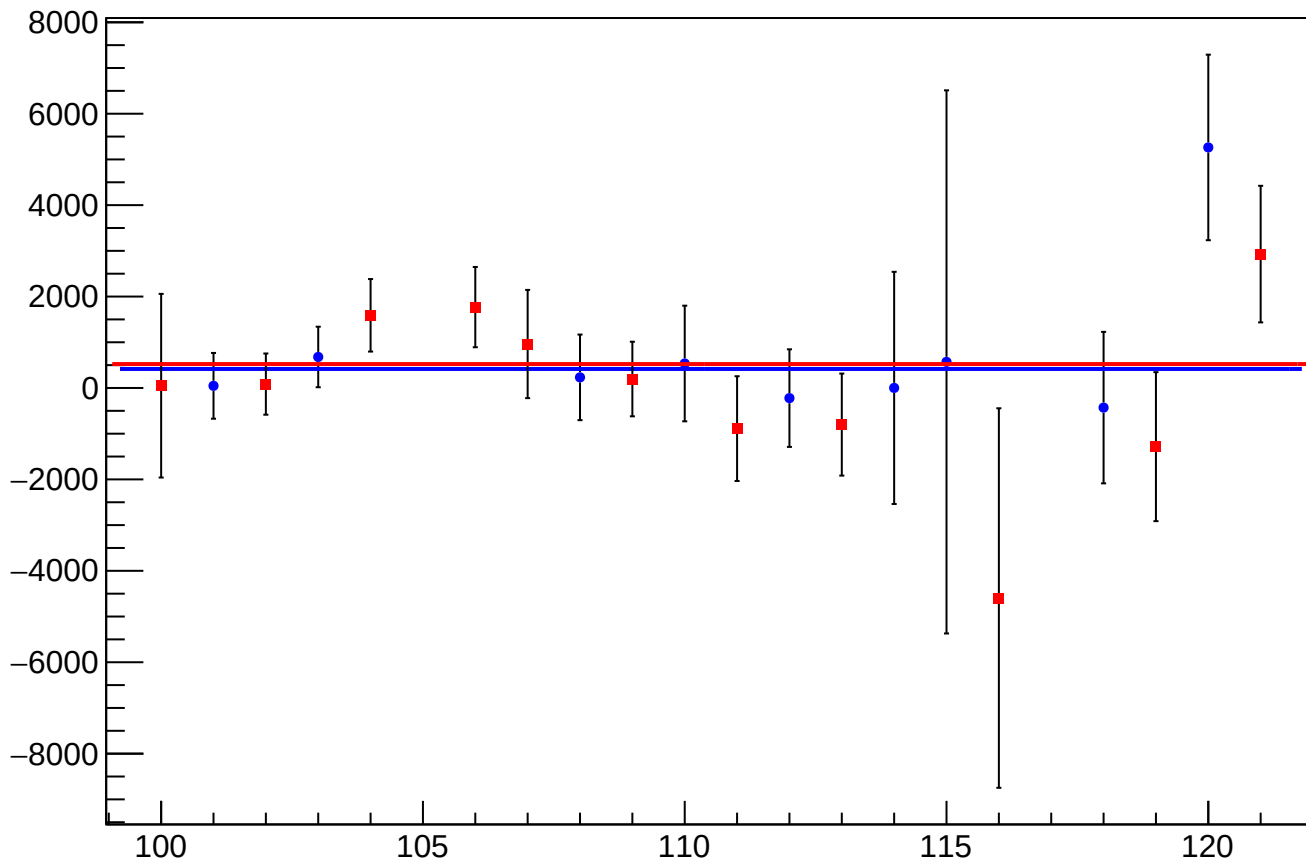
Right: 97.264+/-0.025 χ^2/NDF : 1015460.9/19

In: 99.944+/-0.038 χ^2/NDF : 483322.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.264+/-0.025 χ^2/NDF : 1015460.9/19

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 416.014+/-361.616 χ^2/NDF : 6.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.138+/-315.803 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

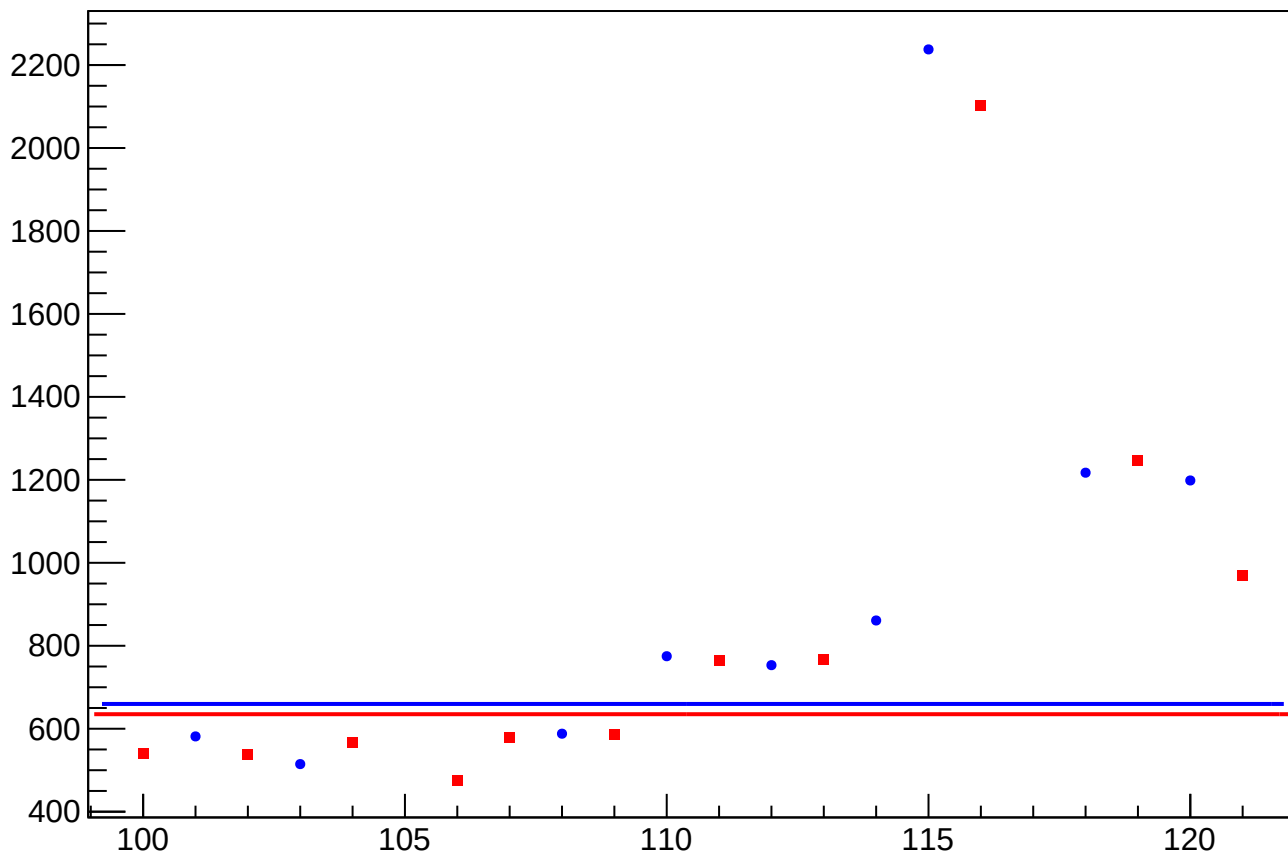
Right: 476.788+/-237.865 χ^2/NDF : 19.7/19

In: 416.014+/-361.616 χ^2/NDF : 6.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.788+/-237.865 χ^2/NDF : 19.7/19

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 659.730+/-0.256 χ^2/NDF : 684196.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.029+/-0.223 χ^2/NDF : 824478.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

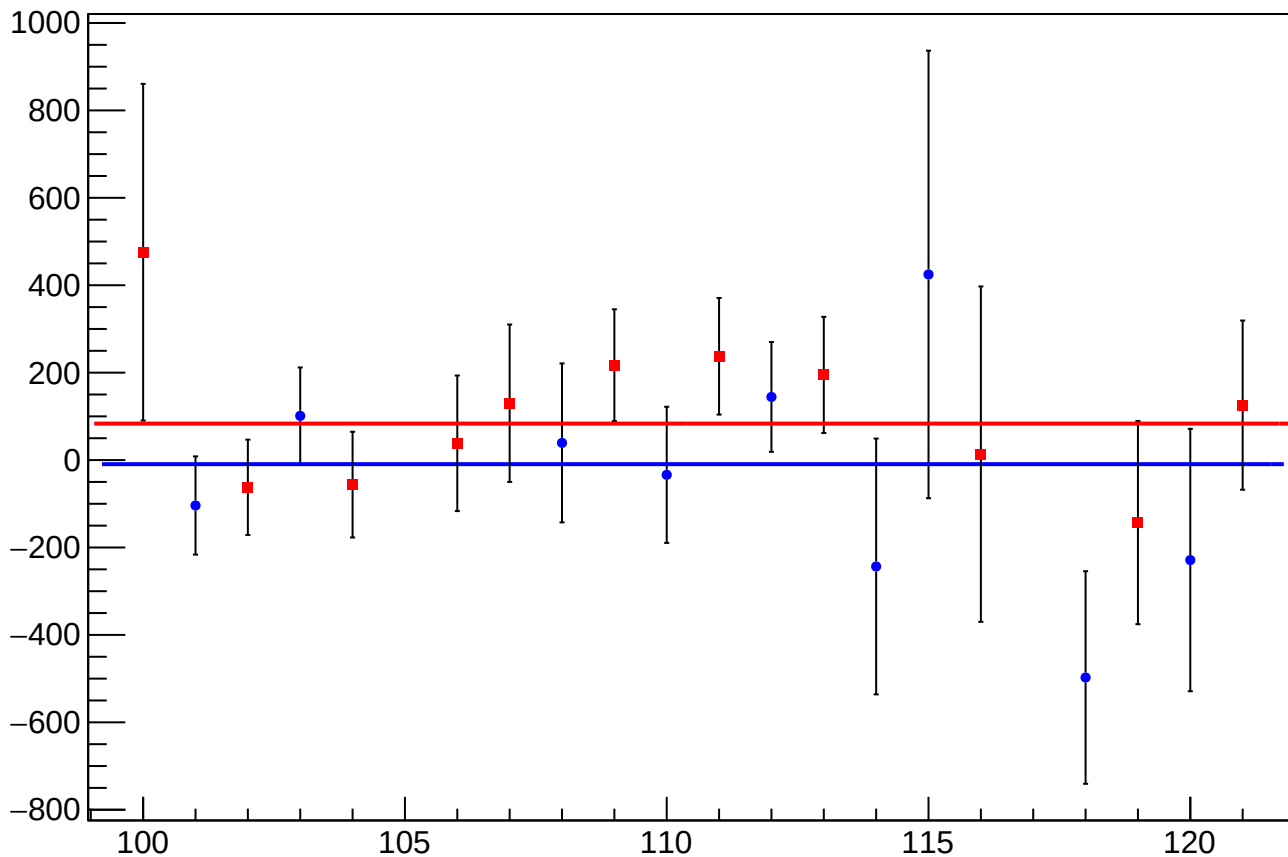
Right: 645.717+/-0.168 χ^2/NDF : 1513968.6/19

In: 659.730+/-0.256 χ^2/NDF : 684196.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.717+/-0.168 χ^2/NDF : 1513968.6/19

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -9.348+/-54.291 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.457+/-46.741 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

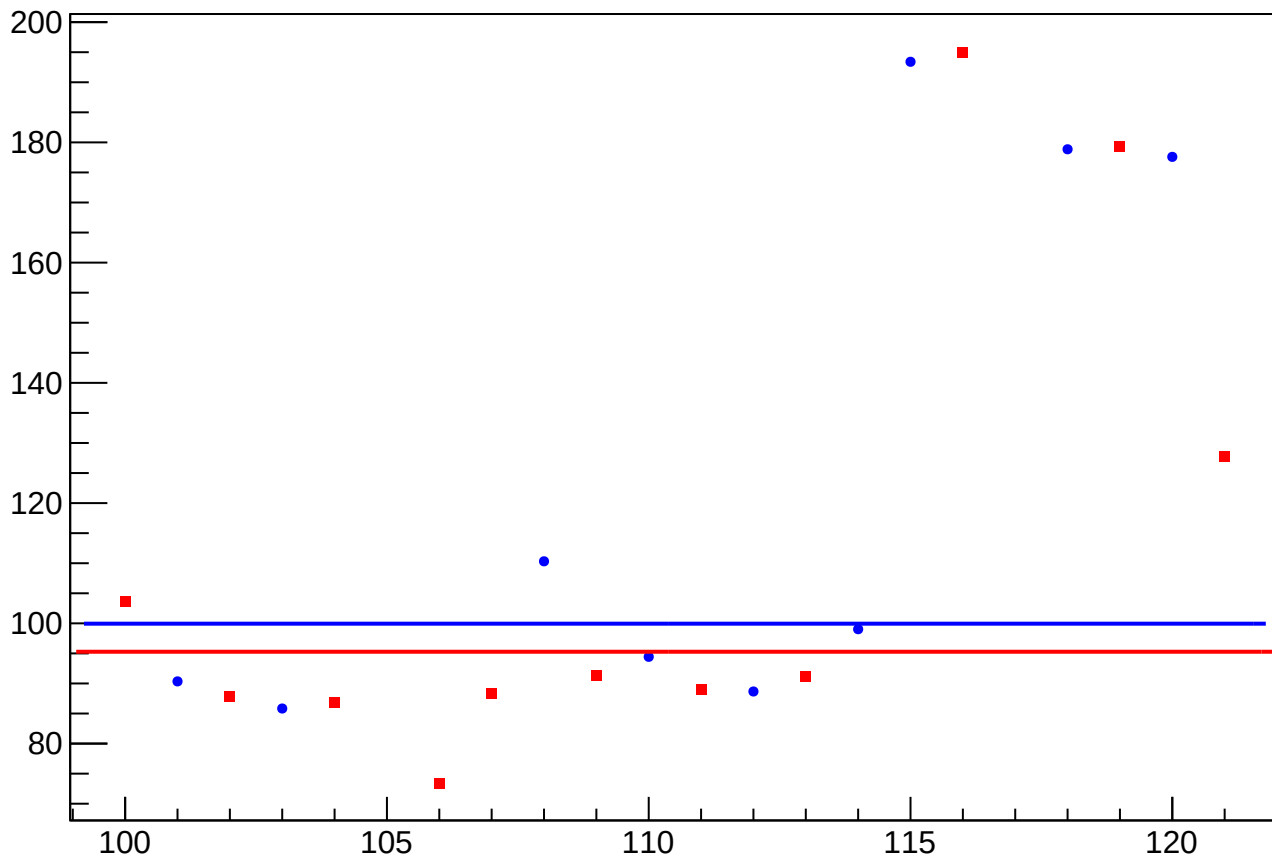
Right: 43.951+/-35.422 χ^2/NDF : 19.4/19

In: -9.348+/-54.291 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.951+/-35.422 χ^2/NDF : 19.4/19

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 99.944+/-0.038 χ^2/NDF : 483322.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 95.277+/-0.033 χ^2/NDF : 523648.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

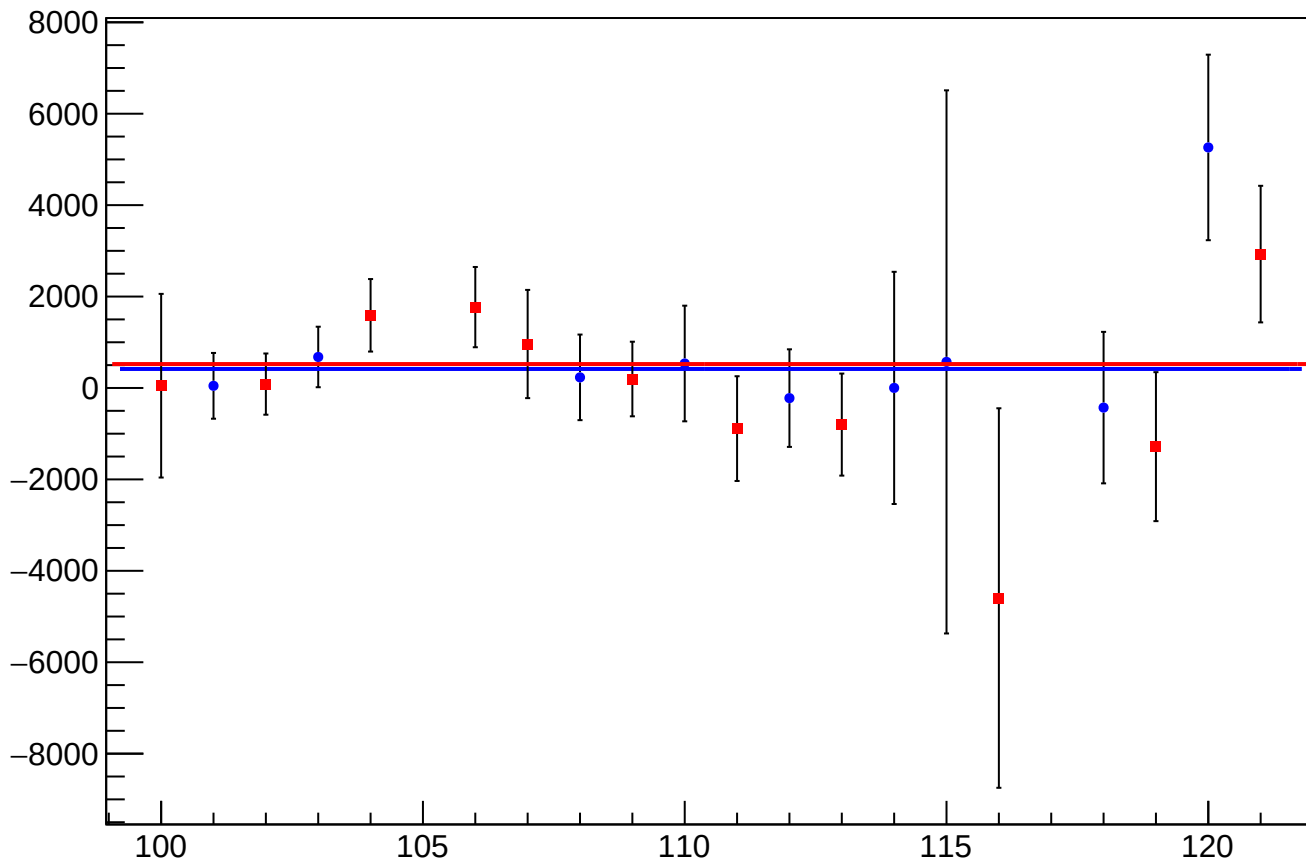
Right: 97.264+/-0.025 χ^2/NDF : 1015459.9/19

In: 99.944+/-0.038 χ^2/NDF :483322.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.264+/-0.025 χ^2/NDF : 1015459.9/19

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 416.013+/-361.616 χ^2/NDF : 6.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.138+/-315.803 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

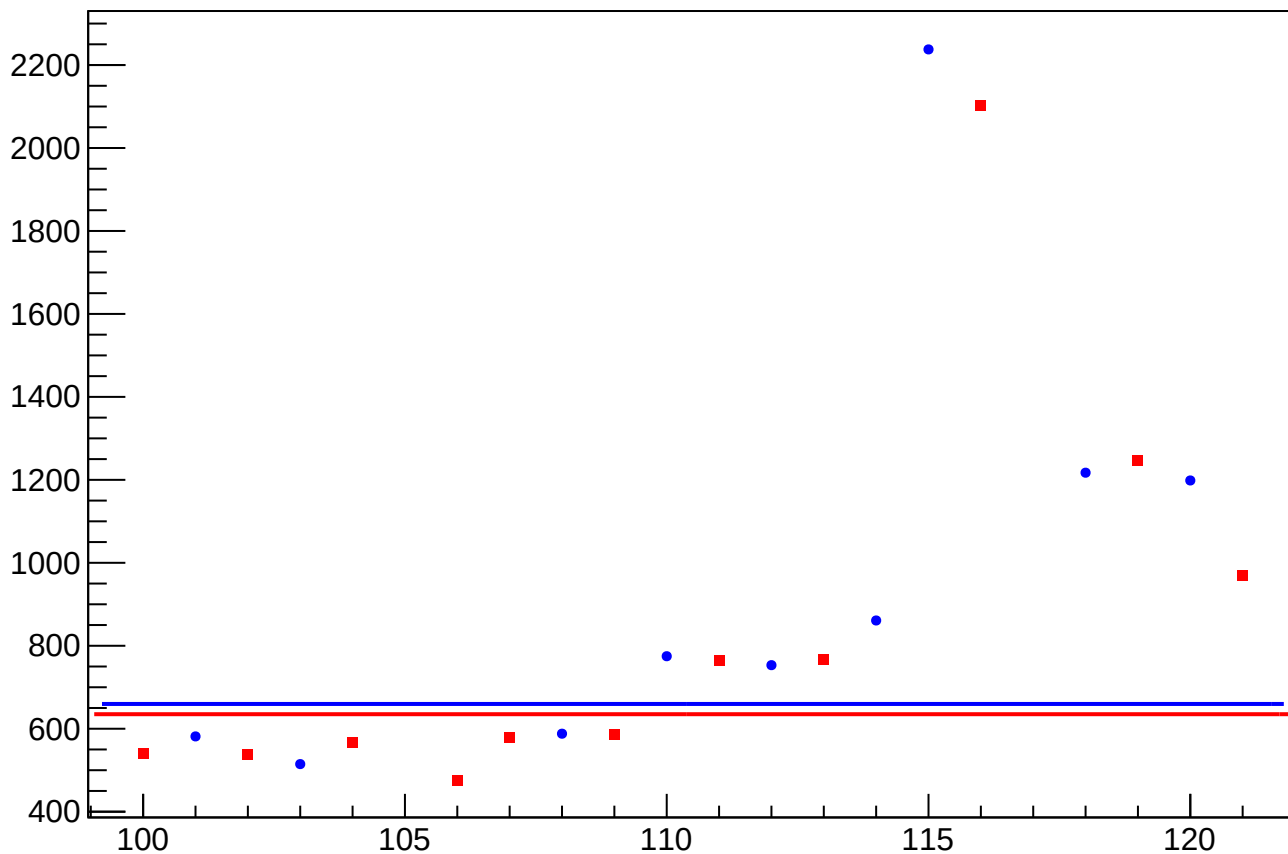
Right: 476.787+/-237.865 χ^2/NDF : 19.7/19

In: 416.013+/-361.616 χ^2/NDF : 6.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.787+/-237.865 χ^2/NDF : 19.7/19

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 659.730+/-0.256 χ^2/NDF : 684195.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.029+/-0.223 χ^2/NDF : 824476.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

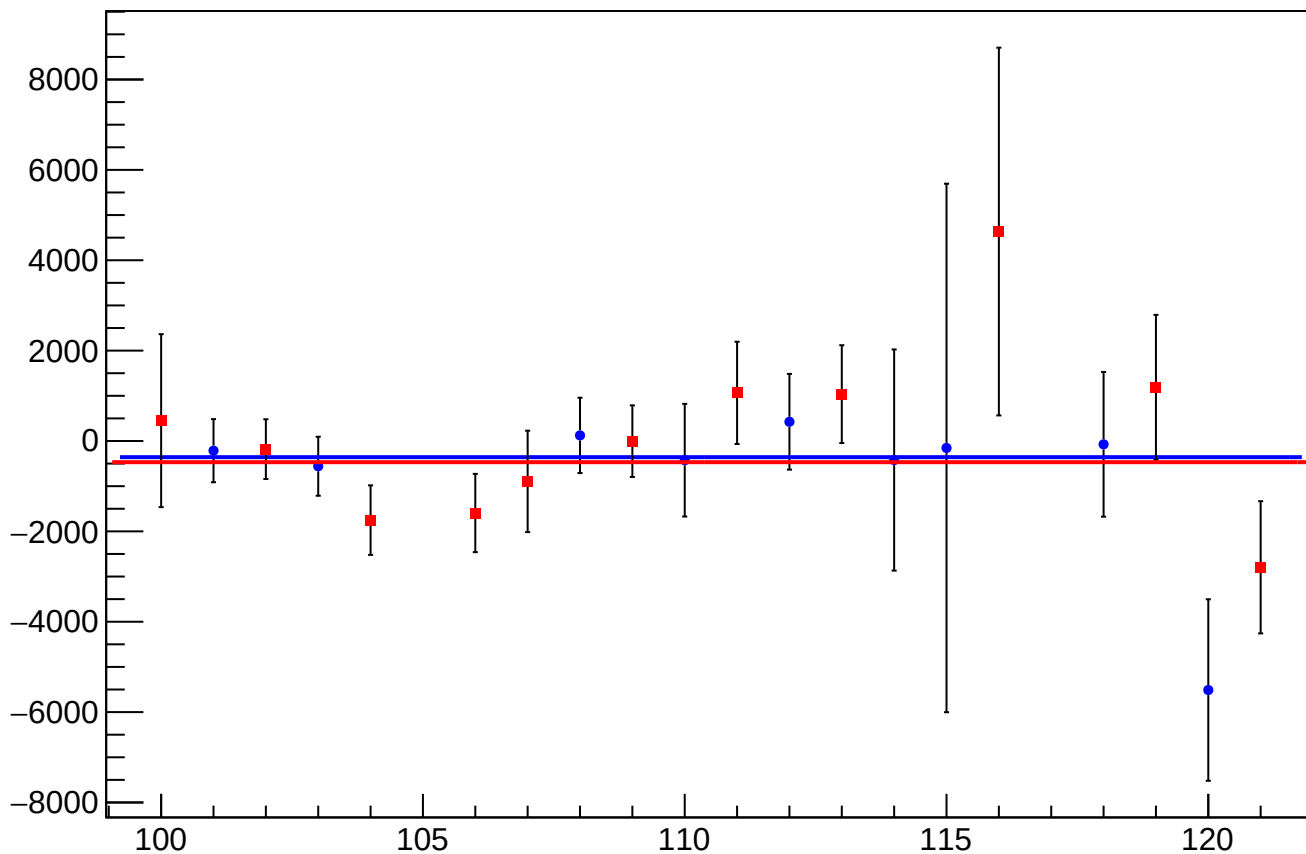
Right: 645.716+/-0.168 χ^2/NDF : 1513966.1/19

In: 659.730+/-0.256 χ^2/NDF : 684195.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.716+/-0.168 χ^2/NDF : 1513966.1/19

asym_sam5_mean vs Slug, Sign Corrected



Right In: -358.128+/-349.135 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -468.956+/-308.360 χ^2/NDF : 14.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

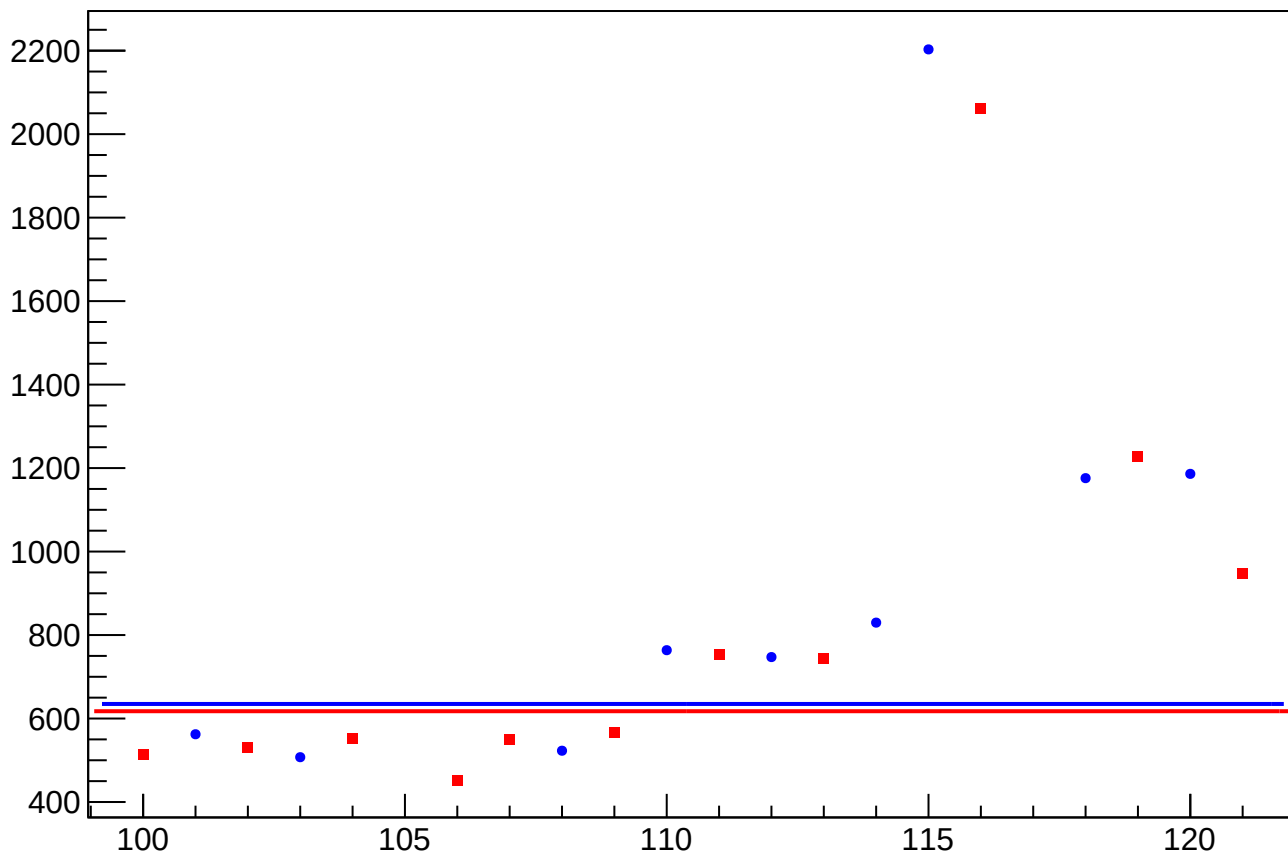
Right: -420.389+/-231.121 χ^2/NDF : 22.0/19

In: -358.128+/-349.135 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.389+/-231.121 χ^2/NDF : 22.0/19

asym_sam5_rms vs Slug, Sign Corrected



Right In: 634.881+/-0.247 χ^2/NDF : 713189.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 617.498+/-0.218 χ^2/NDF : 842606.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

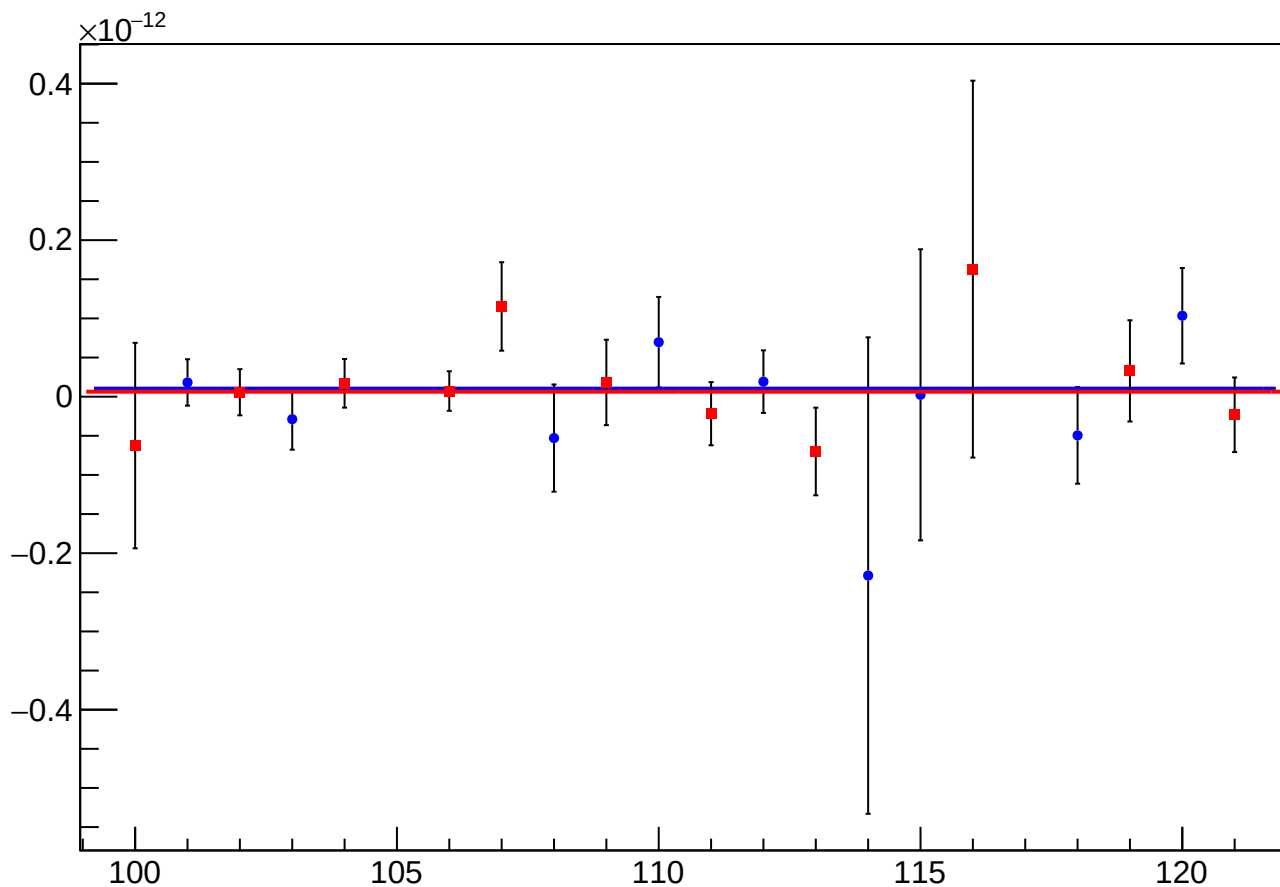
Right: 625.116+/-0.163 χ^2/NDF : 1558581.1/19

In: 634.881+/-0.247 χ^2/NDF : 713189.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.116+/-0.163 χ^2/NDF : 1558581.1/19

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

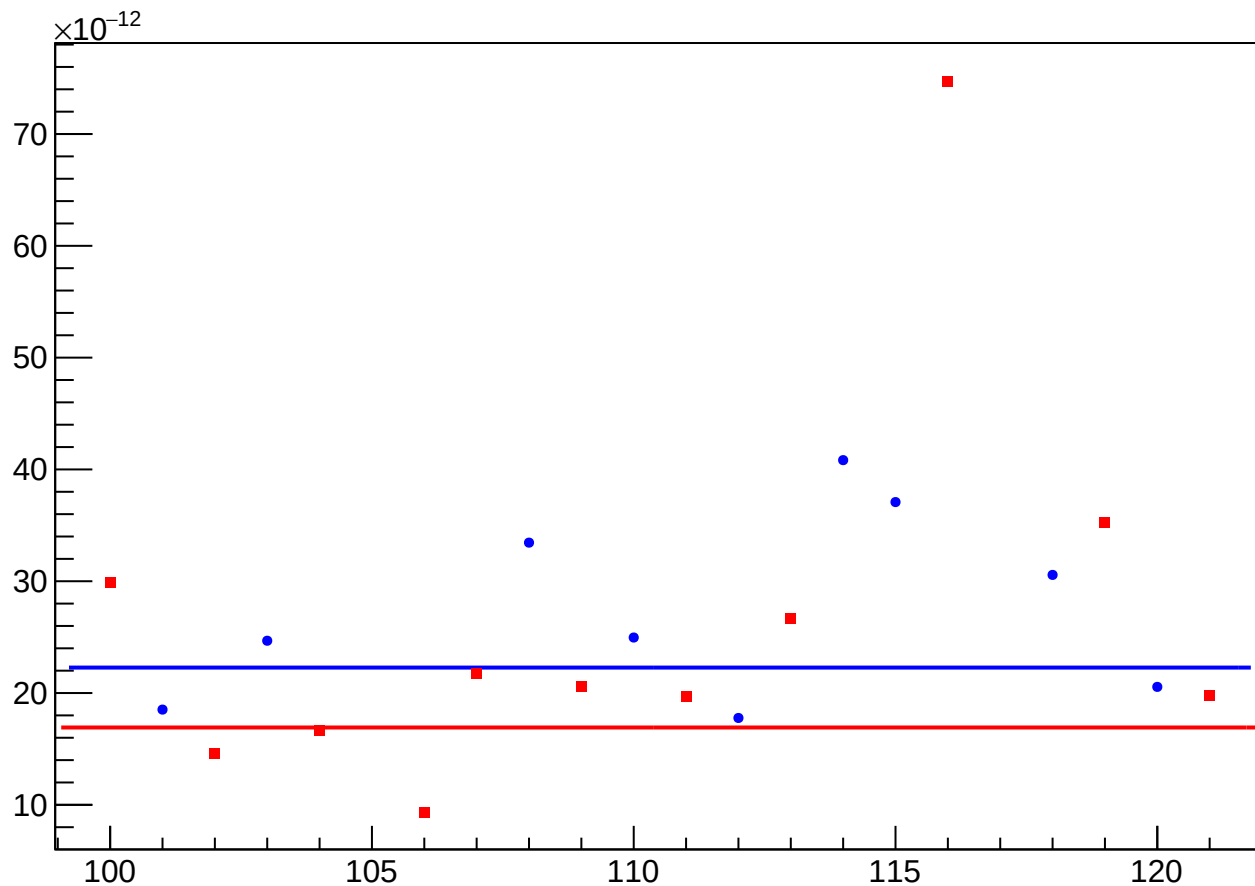
Right: 0.000+/-0.000 χ^2/NDF : 14.4/19

In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/19

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 180519.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590330.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

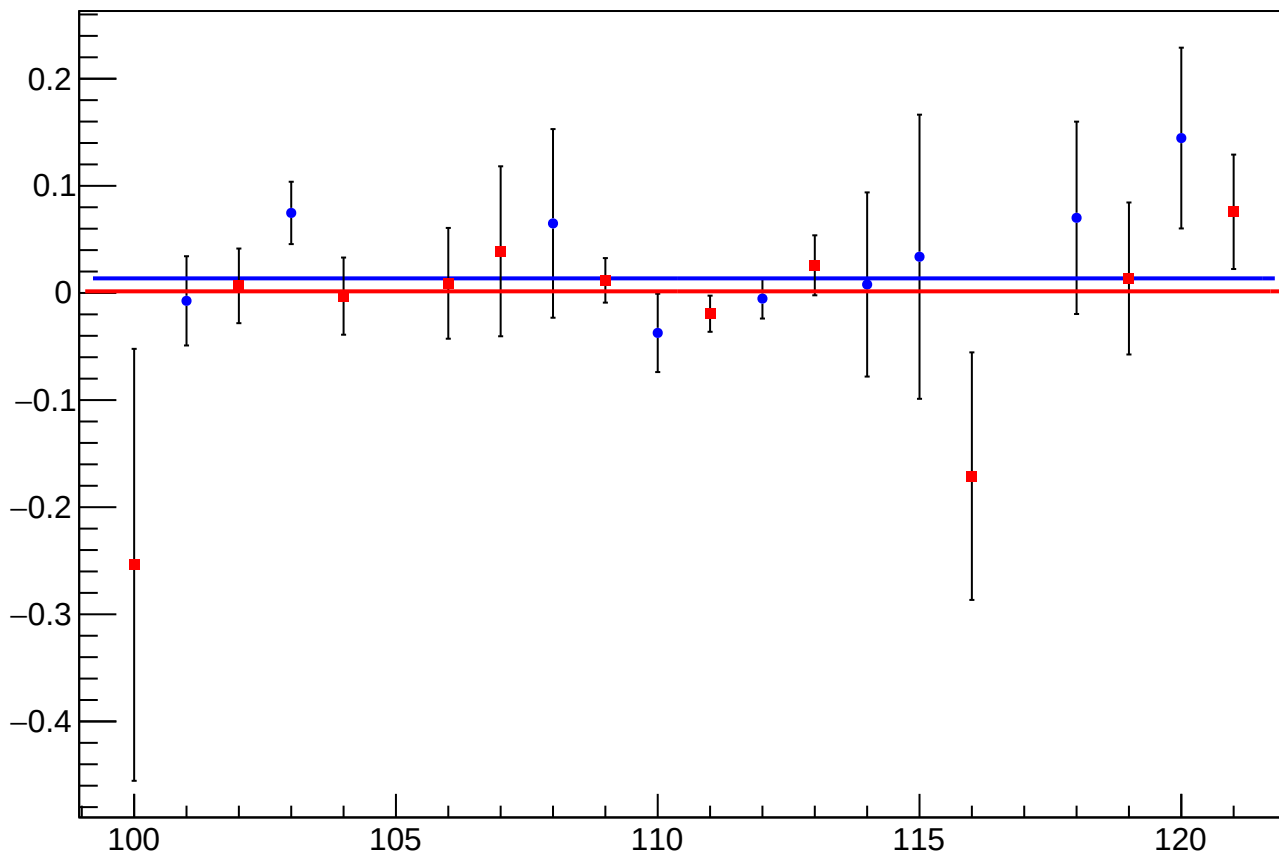
Right: 0.000+/-0.000 χ^2/NDF : 898663.3/19

In: 0.000+/-0.000 χ^2/NDF : 180519.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 898663.3/19

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

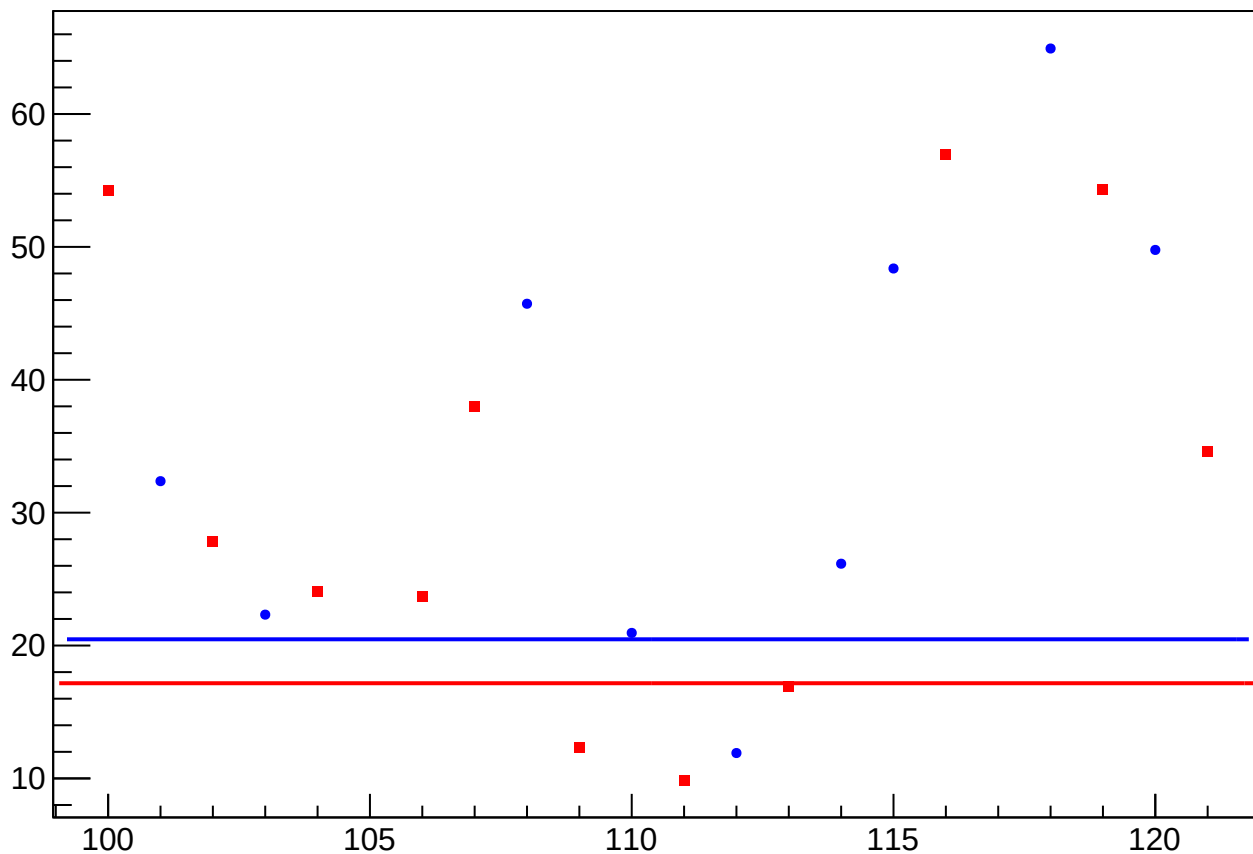
Right: 0.006+/-0.008 χ^2/NDF : 20.0/19

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.0/19

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.164+/-0.007 χ^2/NDF : 1982158.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

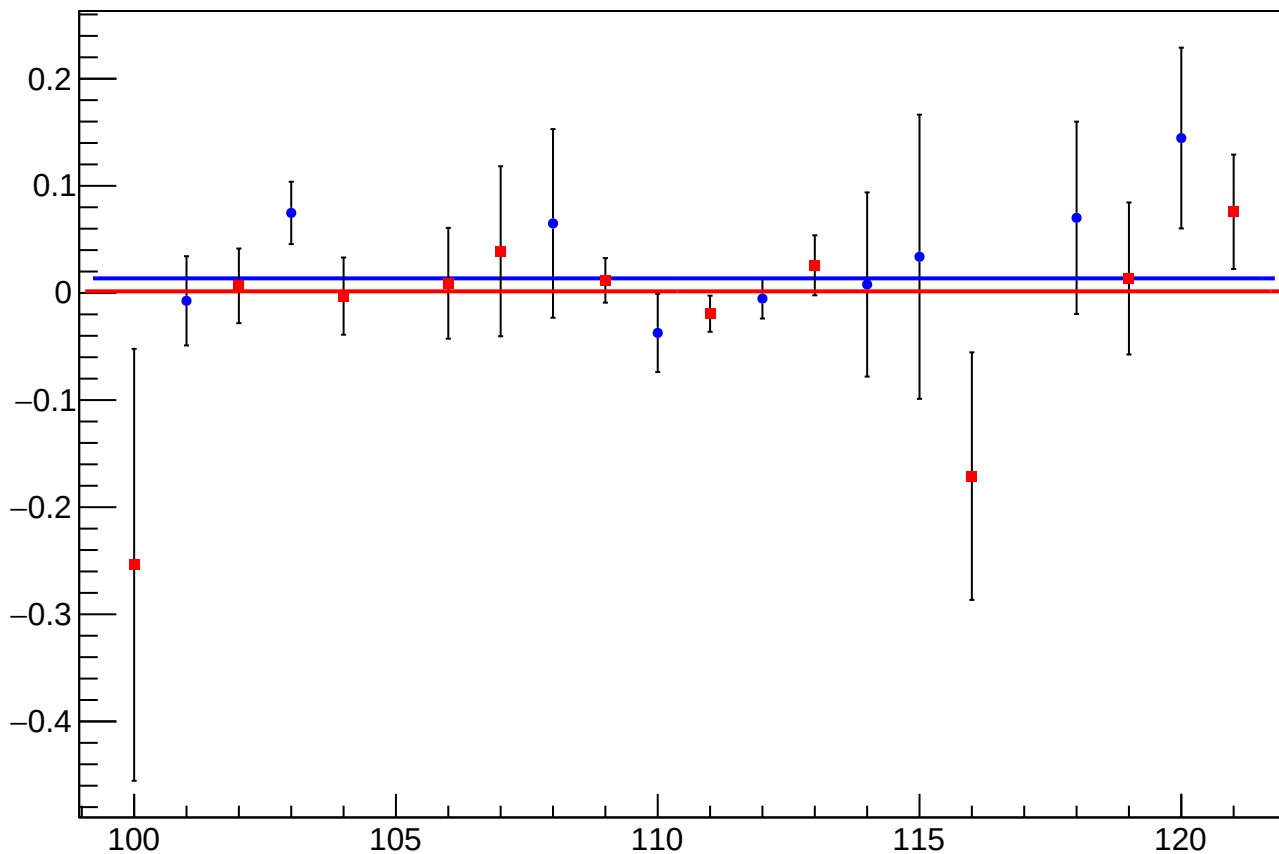
Right: 18.409+/-0.006 χ^2/NDF : 3650444.2/19

In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.409+/-0.006 χ^2/NDF : 3650444.2/19

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

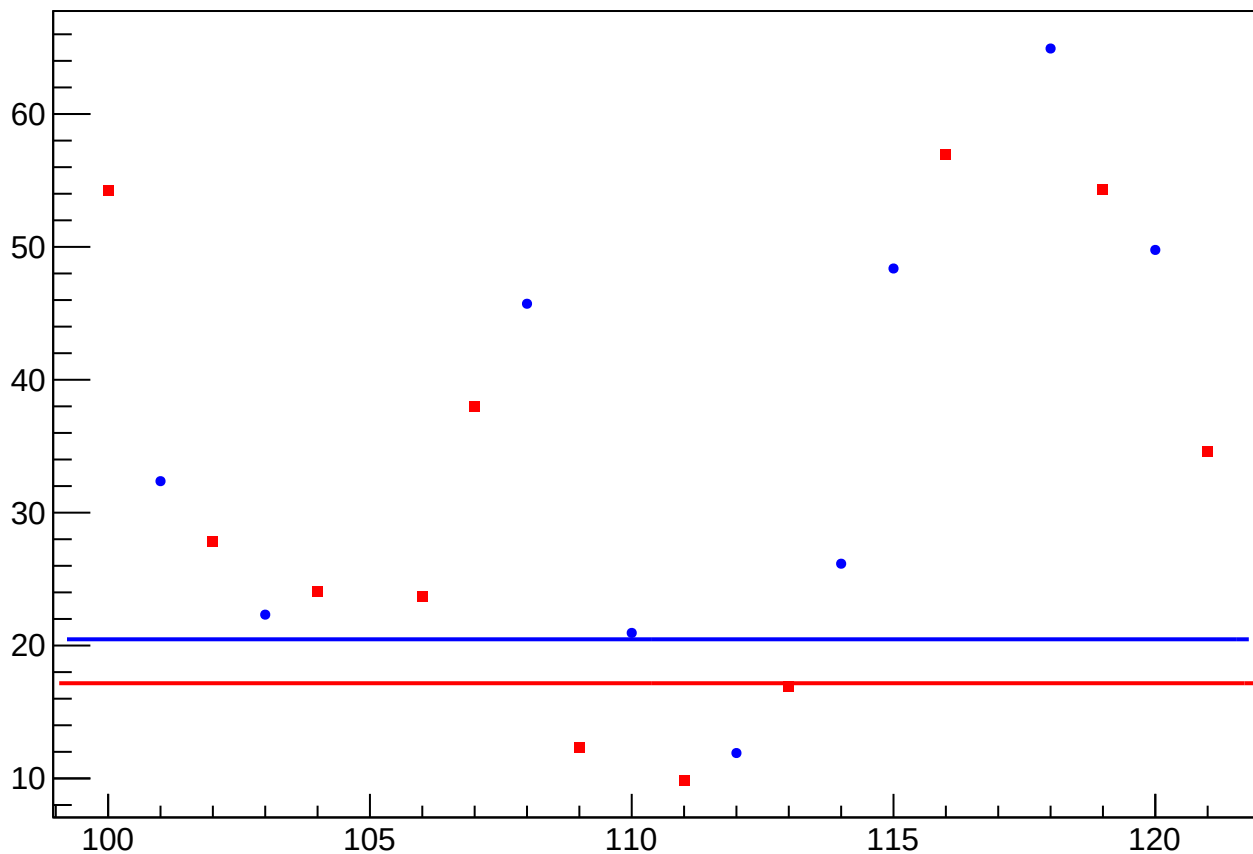
Right: 0.006+/-0.008 χ^2/NDF : 20.0/19

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.0/19

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.164+/-0.007 χ^2/NDF : 1982158.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

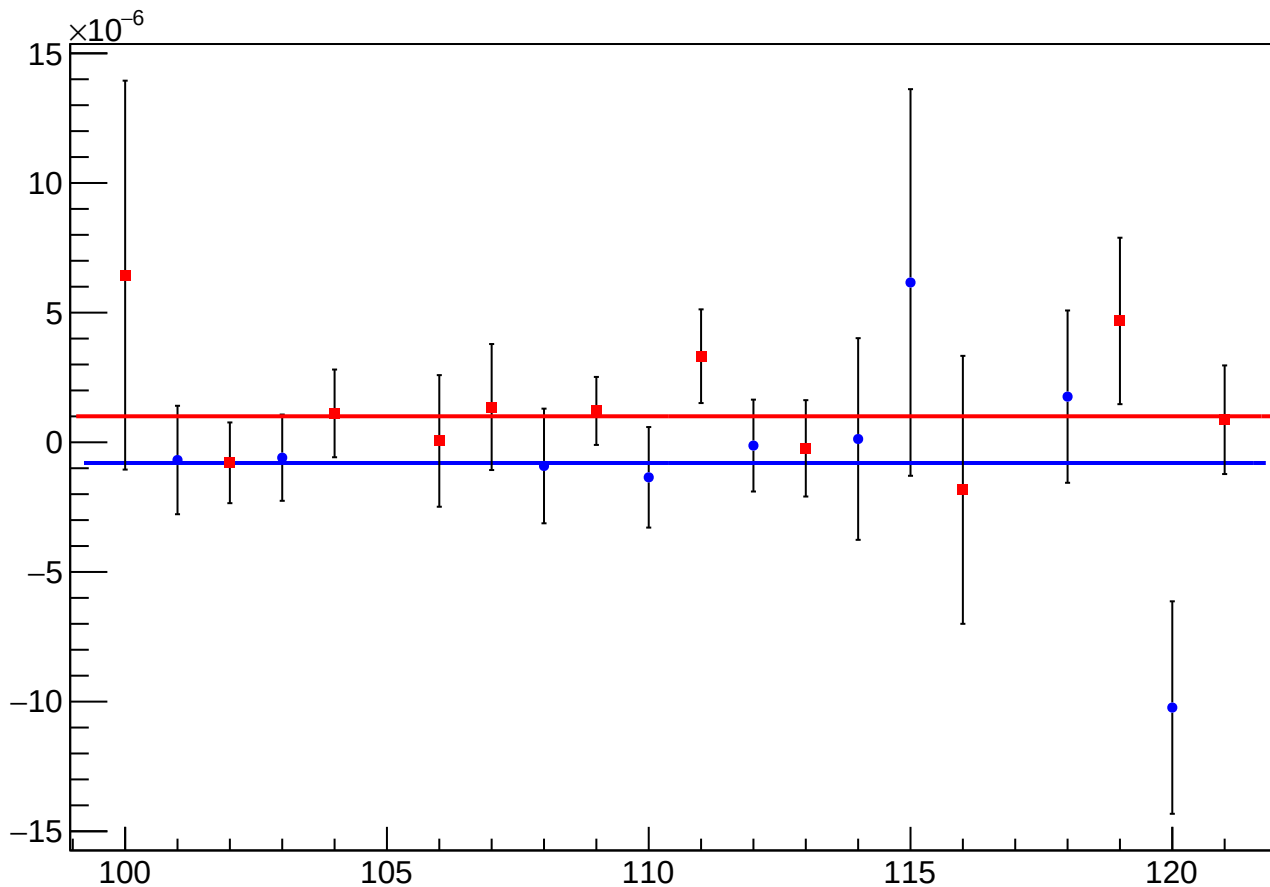
Right: 18.409+/-0.006 χ^2/NDF : 3650444.2/19

In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.409+/-0.006 χ^2/NDF : 3650444.2/19

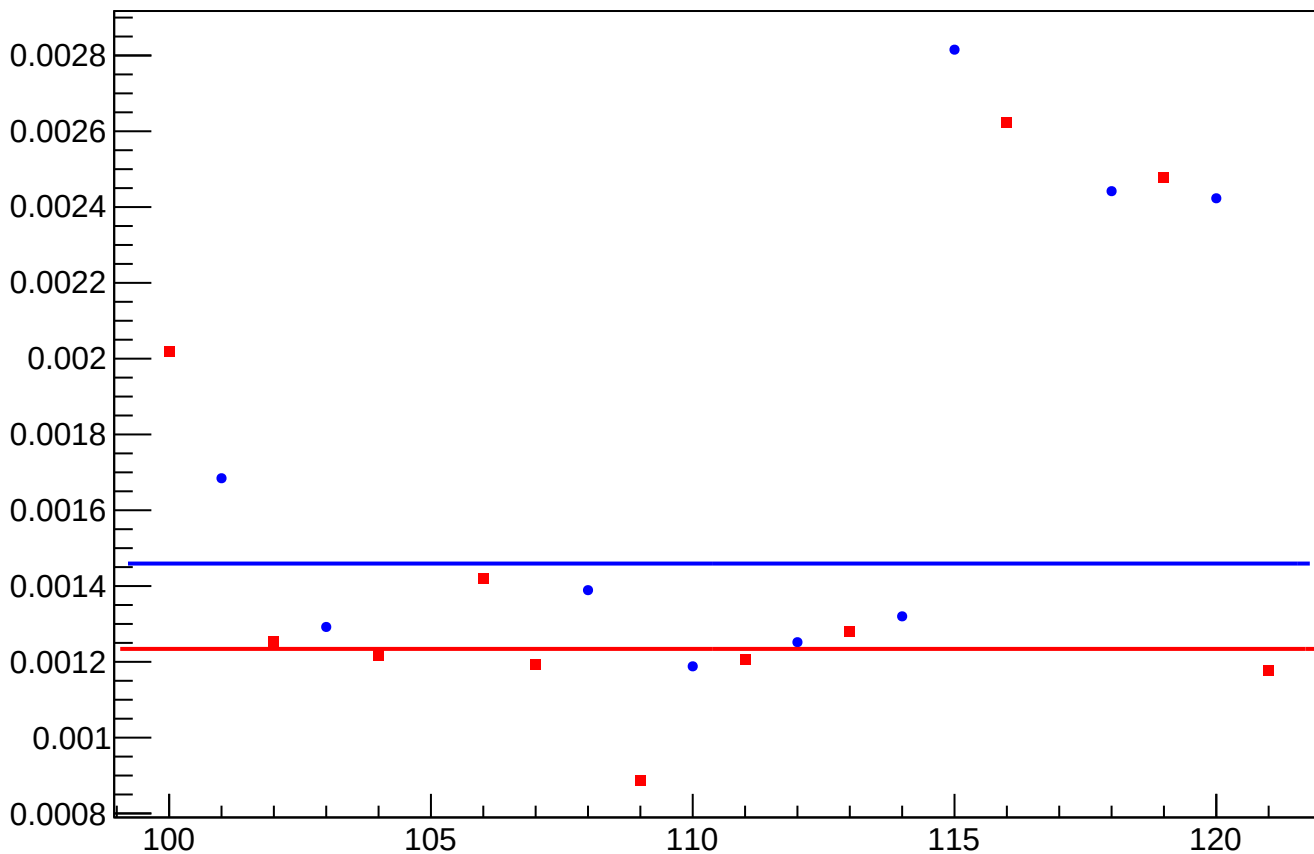
asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.1/19
 In: -0.000+/-0.000 χ^2/NDF : 7.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.1/19

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 466367.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 621851.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

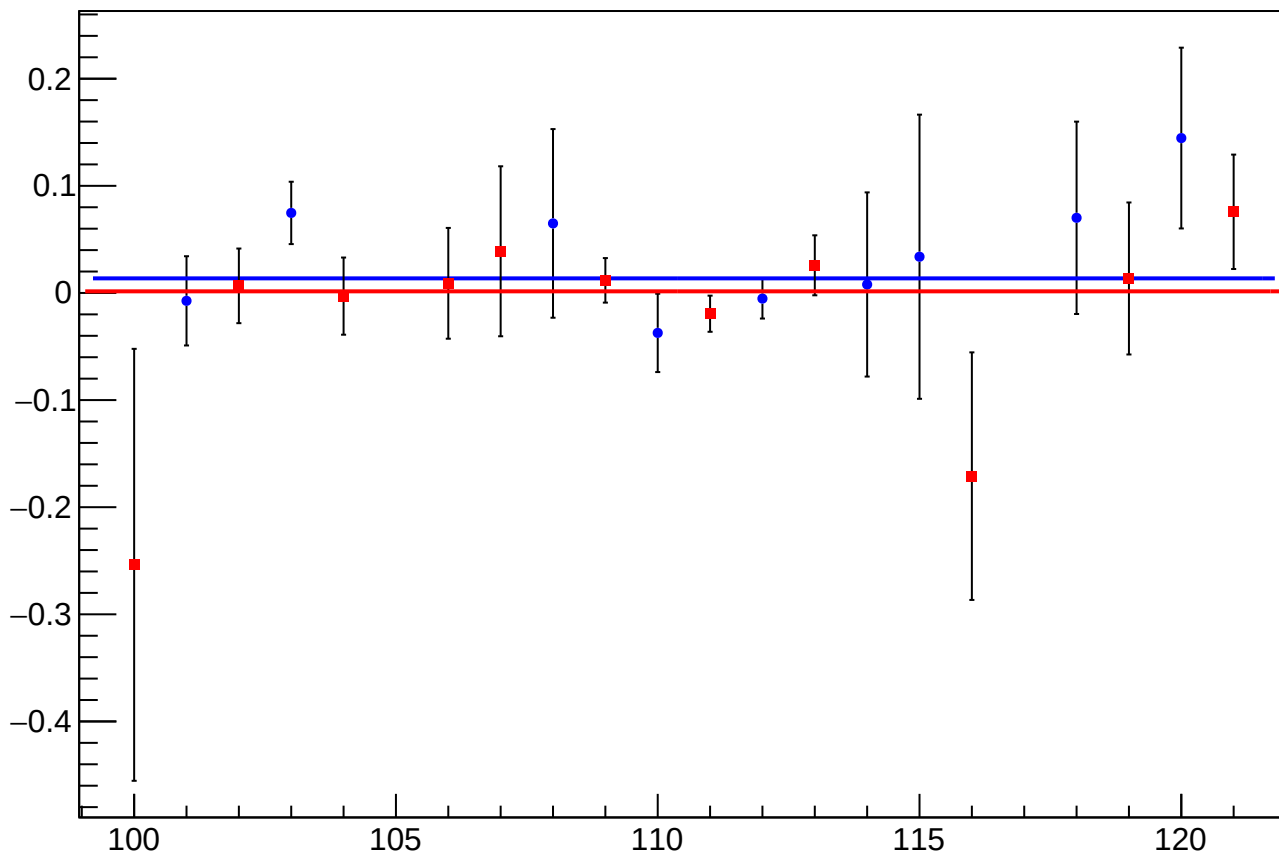
Right: 0.001+/-0.000 χ^2/NDF : 1189885.0/19

In: 0.001+/-0.000 χ^2/NDF :466367.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1189885.0/19

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

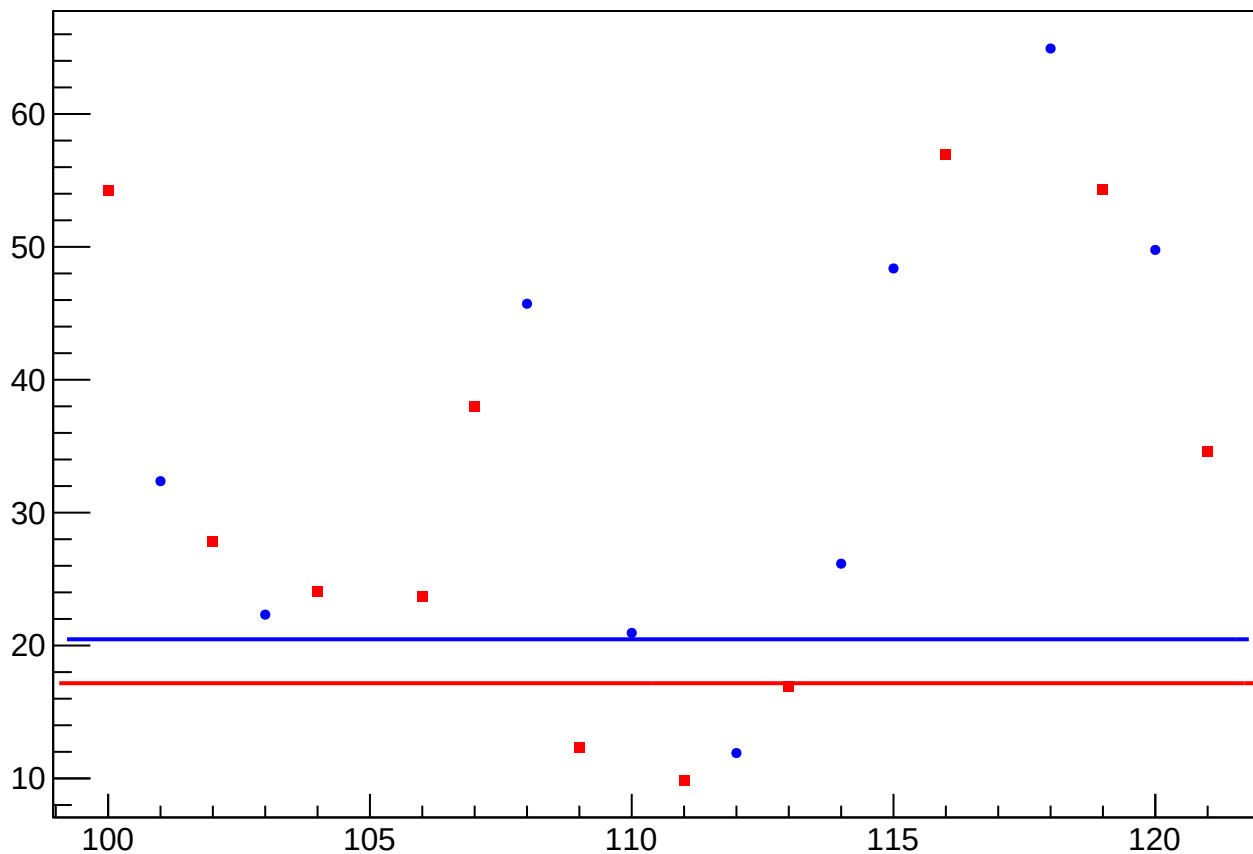
Right: 0.006+/-0.008 χ^2/NDF : 20.0/19

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.0/19

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.163+/-0.007 χ^2/NDF : 1982197.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

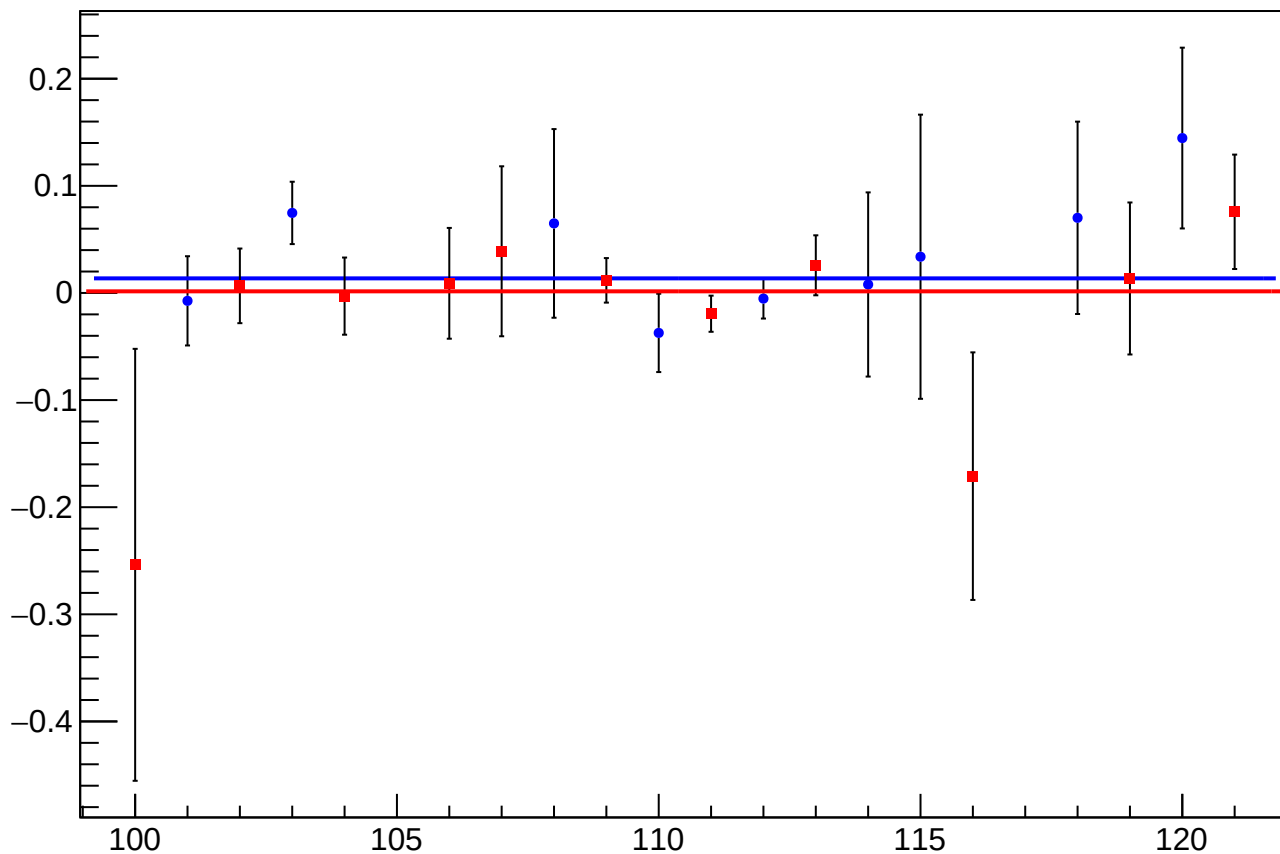
Right: 18.408+/-0.006 χ^2/NDF : 3650482.1/19

In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-0.006 χ^2/NDF : 3650482.1/19

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

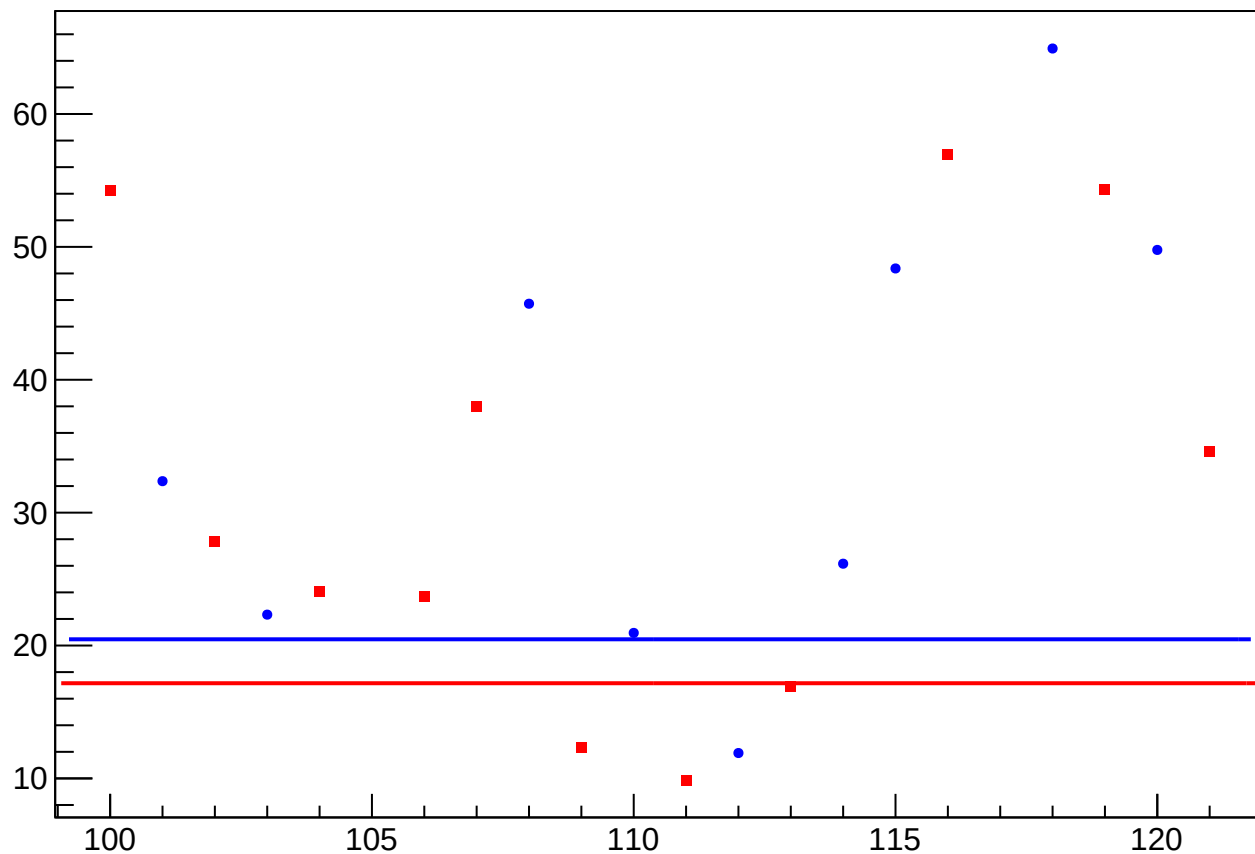
Right: 0.006+/-0.008 χ^2/NDF : 20.0/19

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.0/19

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.163+/-0.007 χ^2/NDF : 1982197.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

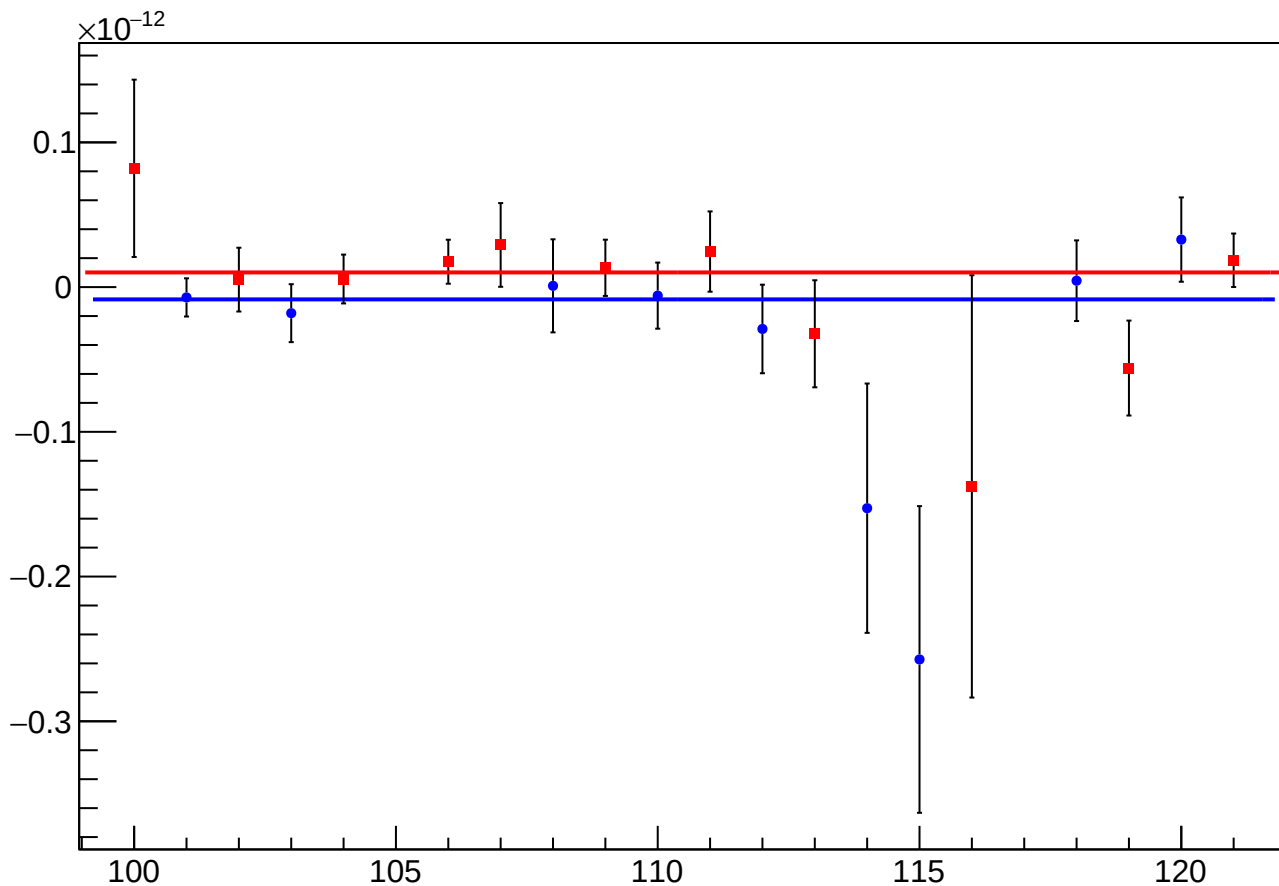
Right: 18.408+/-0.006 χ^2/NDF : 3650482.1/19

In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-0.006 χ^2/NDF : 3650482.1/19

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

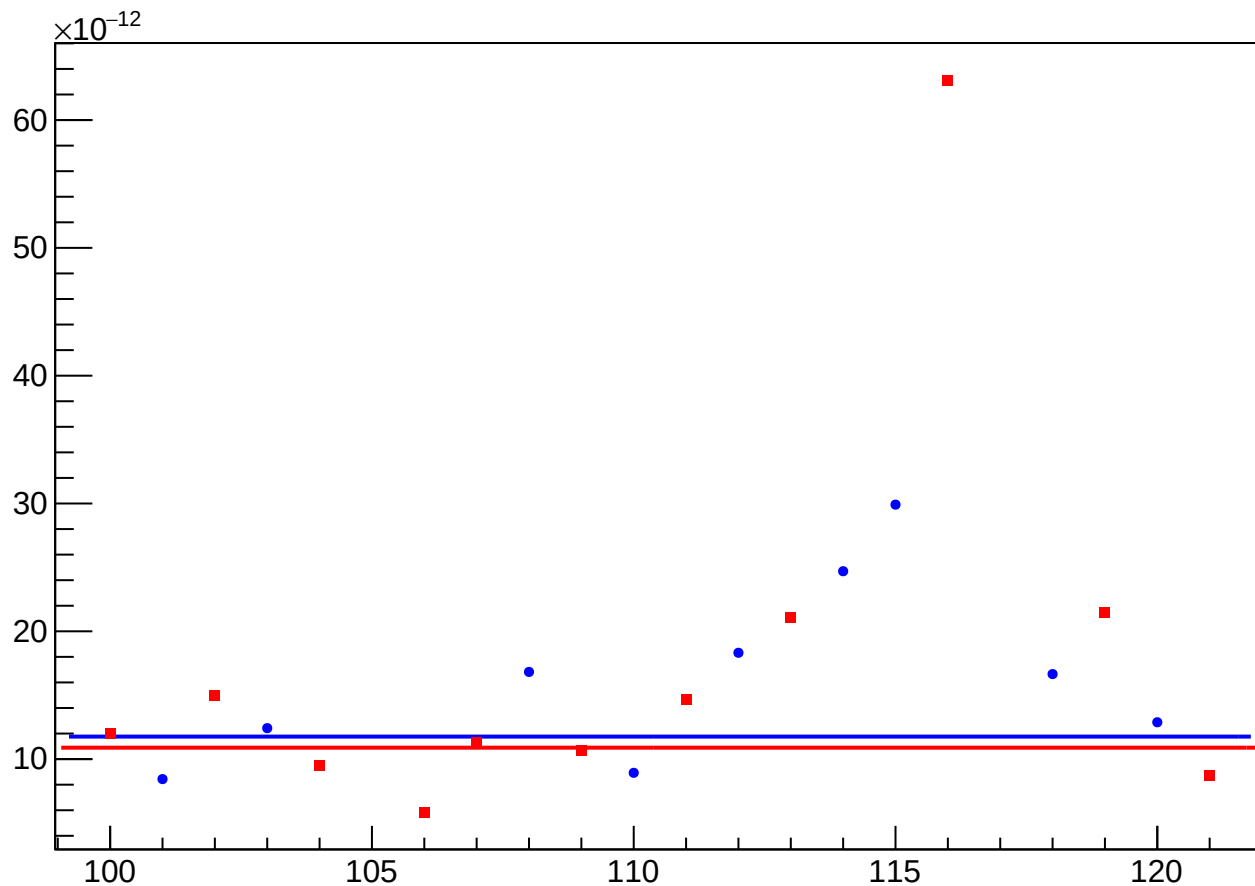
Right: 0.000+/-0.000 χ^2/NDF : 23.4/19

In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.4/19

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 469799.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 987099.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

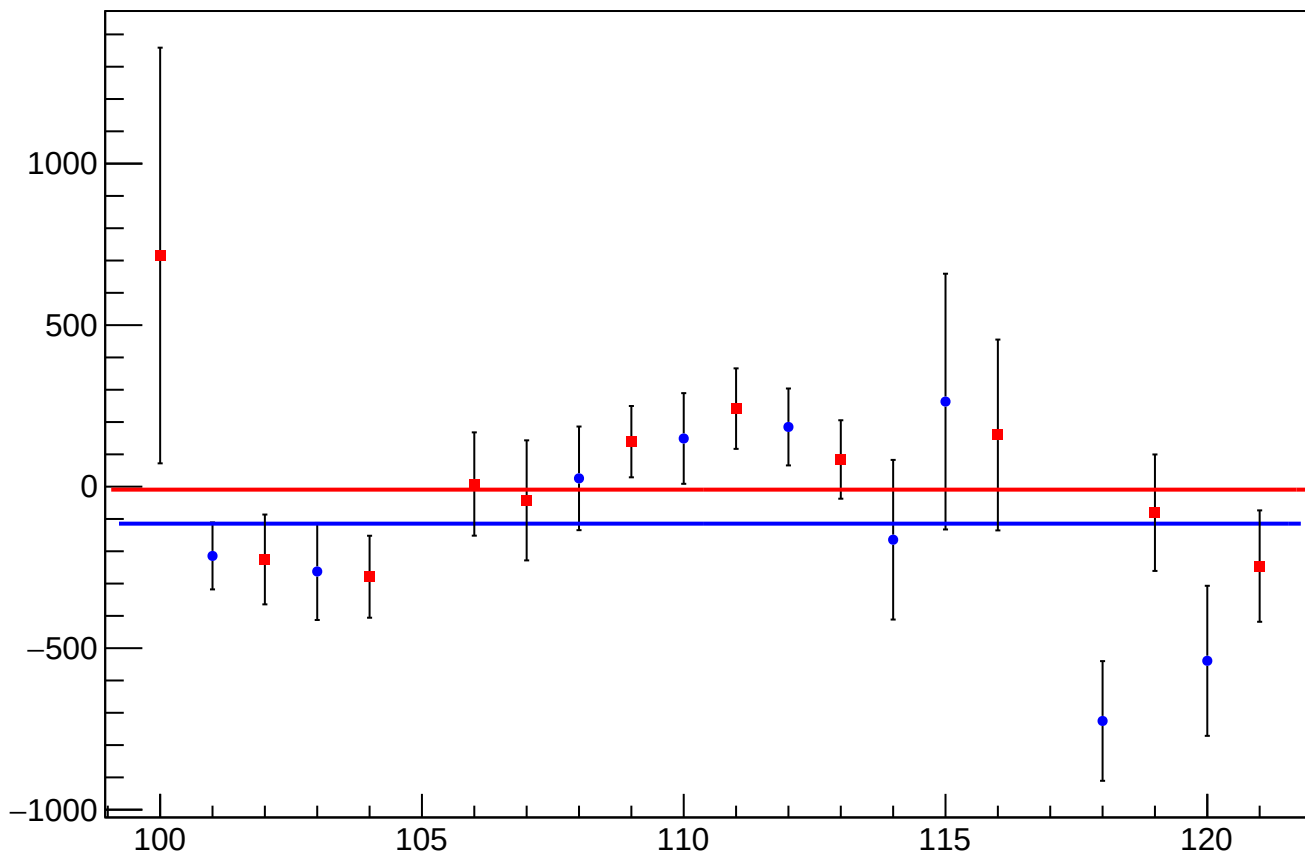
Right: 0.000+/-0.000 χ^2/NDF : 1469701.1/19

In: 0.000+/-0.000 χ^2/NDF : 469799.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1469701.1/19

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.508 $\pm$ 52.117 χ^2 /NDF: 27.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.225 $\pm$ 45.908 χ^2 /NDF: 17.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

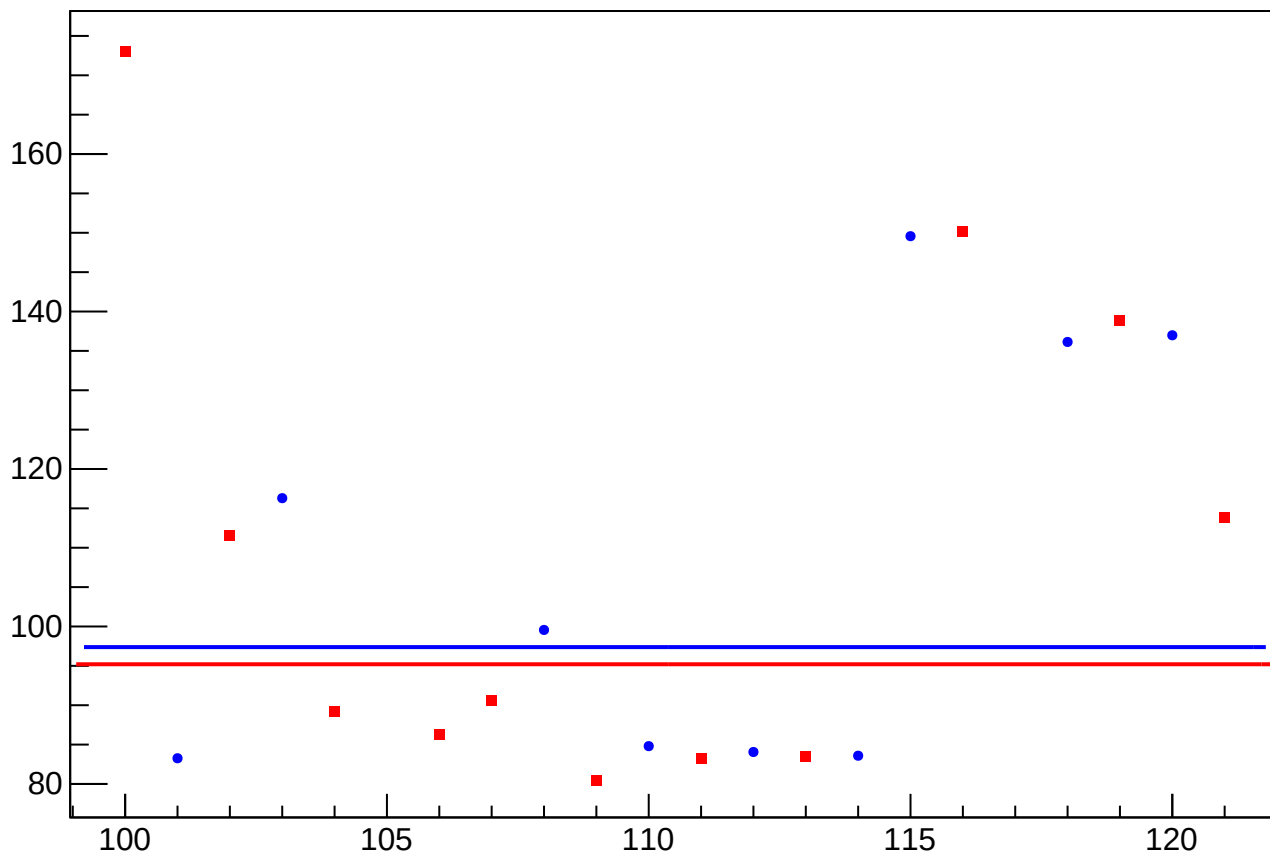
Right: -55.225 $\pm$ 34.449 χ^2 /NDF: 47.0/19

In: -114.508 $\pm$ 52.117 χ^2 /NDF:27.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.225 $\pm$ 34.449 χ^2 /NDF: 47.0/19

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 97.381+/-0.037 χ^2/NDF : 297025.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.201+/-0.032 χ^2/NDF : 351271.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

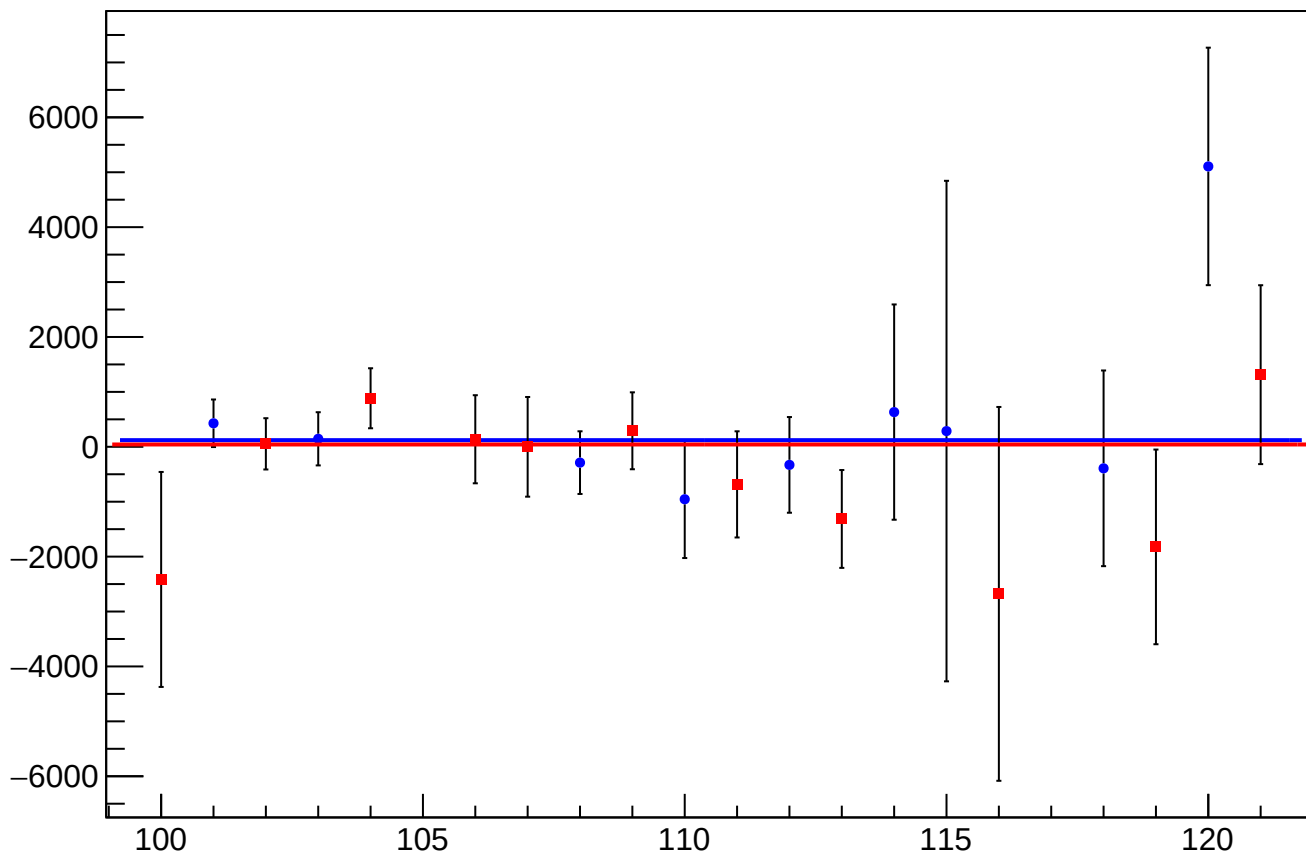
Right: 96.153+/-0.024 χ^2/NDF : 650266.7/19

In: 97.381+/-0.037 χ^2/NDF : 297025.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.153+/-0.024 χ^2/NDF : 650266.7/19

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 120.973+/-252.458 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.161+/-249.118 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

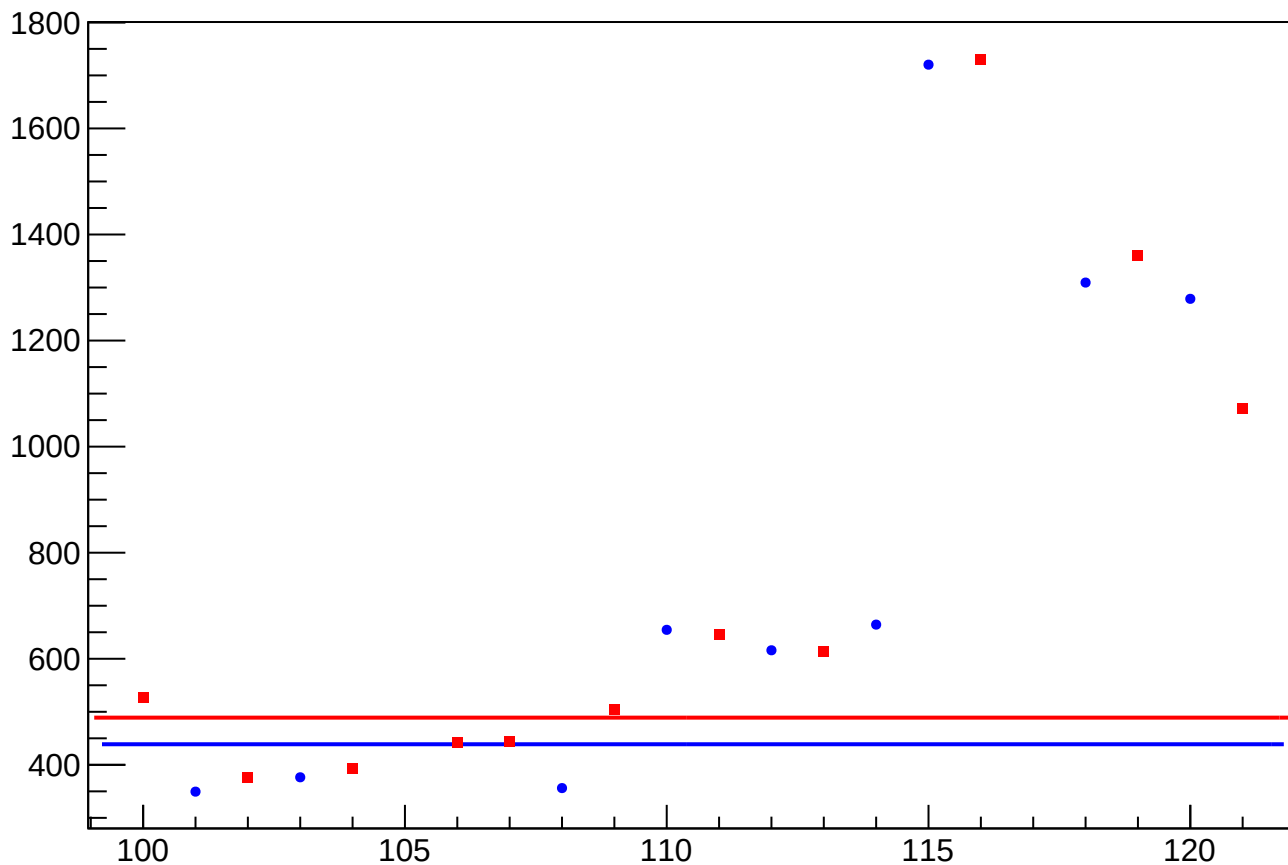
Right: 81.042+/-177.322 χ^2/NDF : 17.1/19

In: 120.973+/-252.458 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.042+/-177.322 χ^2/NDF : 17.1/19

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 438.818+/-0.179 χ^2/NDF : 1287730.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.999+/-0.176 χ^2/NDF : 1289944.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

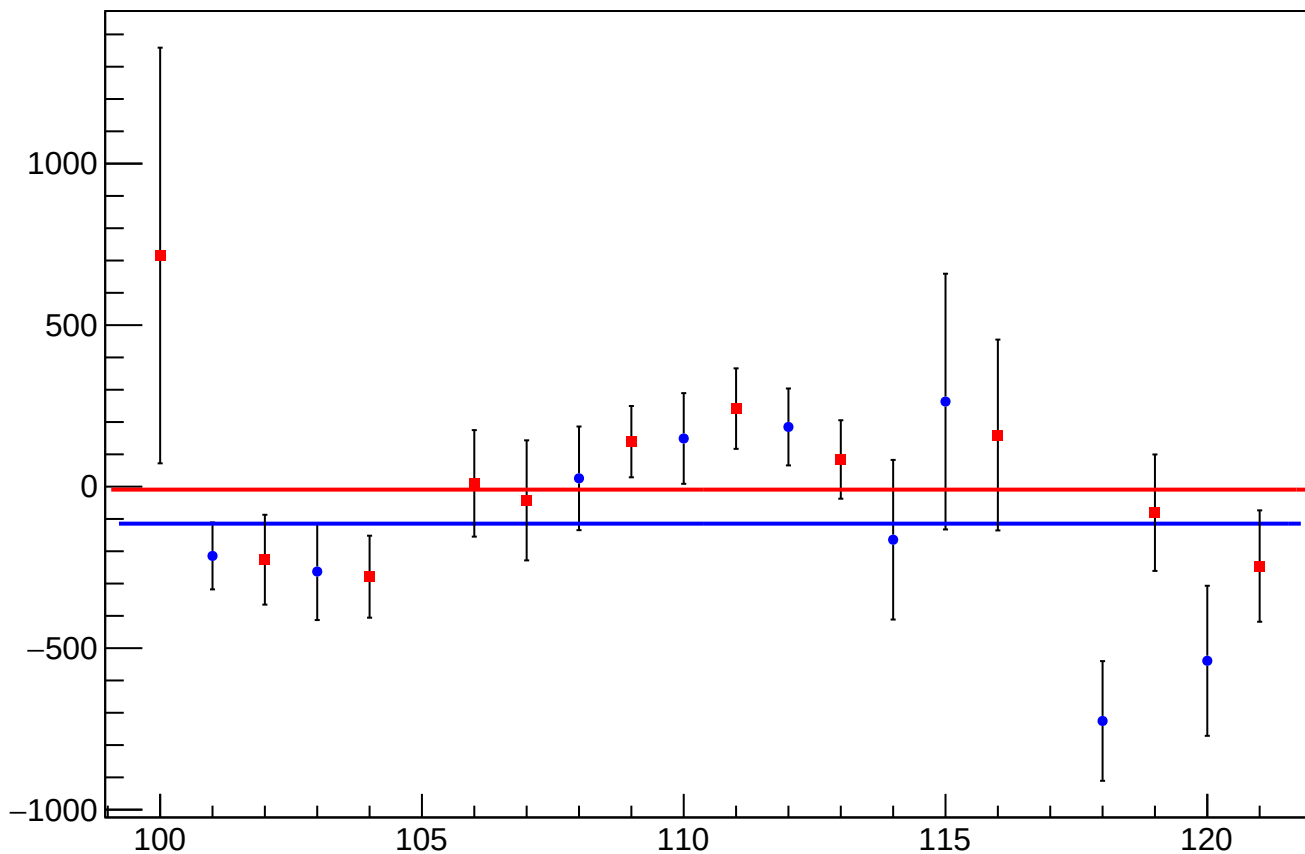
Right: 464.243+/-0.125 χ^2/NDF : 2617709.2/19

In: 438.818+/-0.179 χ^2/NDF : 1287730.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.243+/-0.125 χ^2/NDF : 2617709.2/19

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.219+/-46.024 χ^2/NDF : 17.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

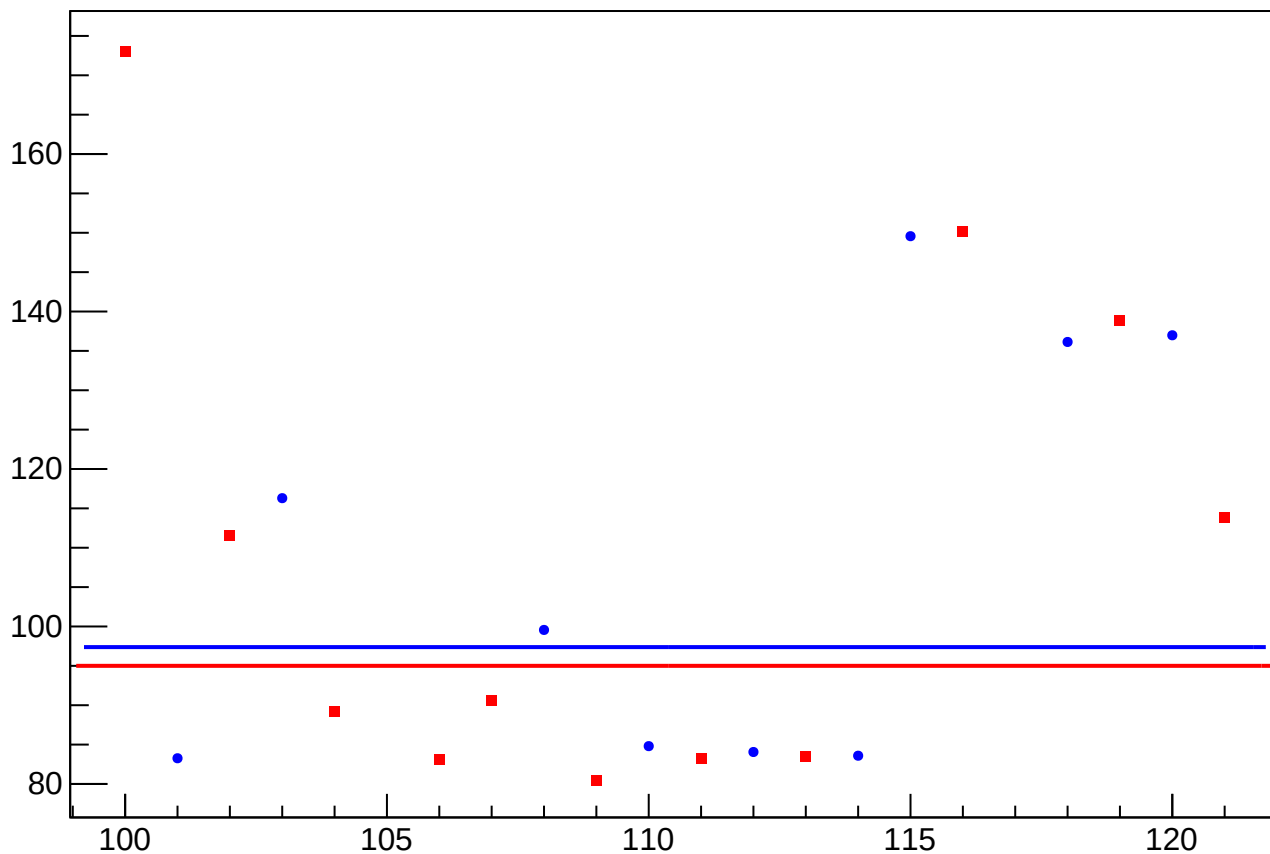
Right: -55.370+/-34.498 χ^2/NDF : 47.1/19

In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.370+/-34.498 χ^2/NDF : 47.1/19

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.002+/-0.033 χ^2/NDF : 355855.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

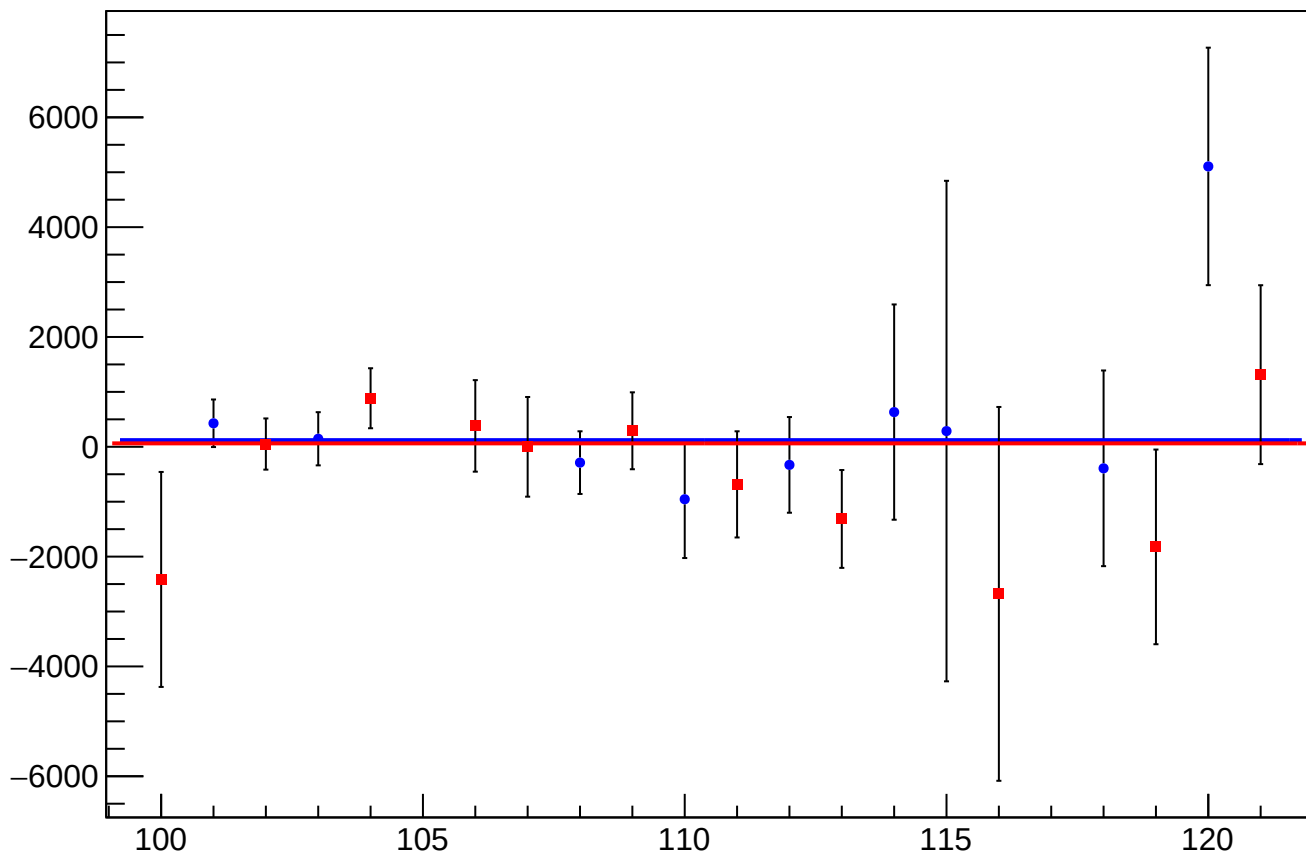
Right: 96.044+/-0.024 χ^2/NDF : 655223.4/19

In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.044+/-0.024 χ^2/NDF : 655223.4/19

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.384+/-249.893 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

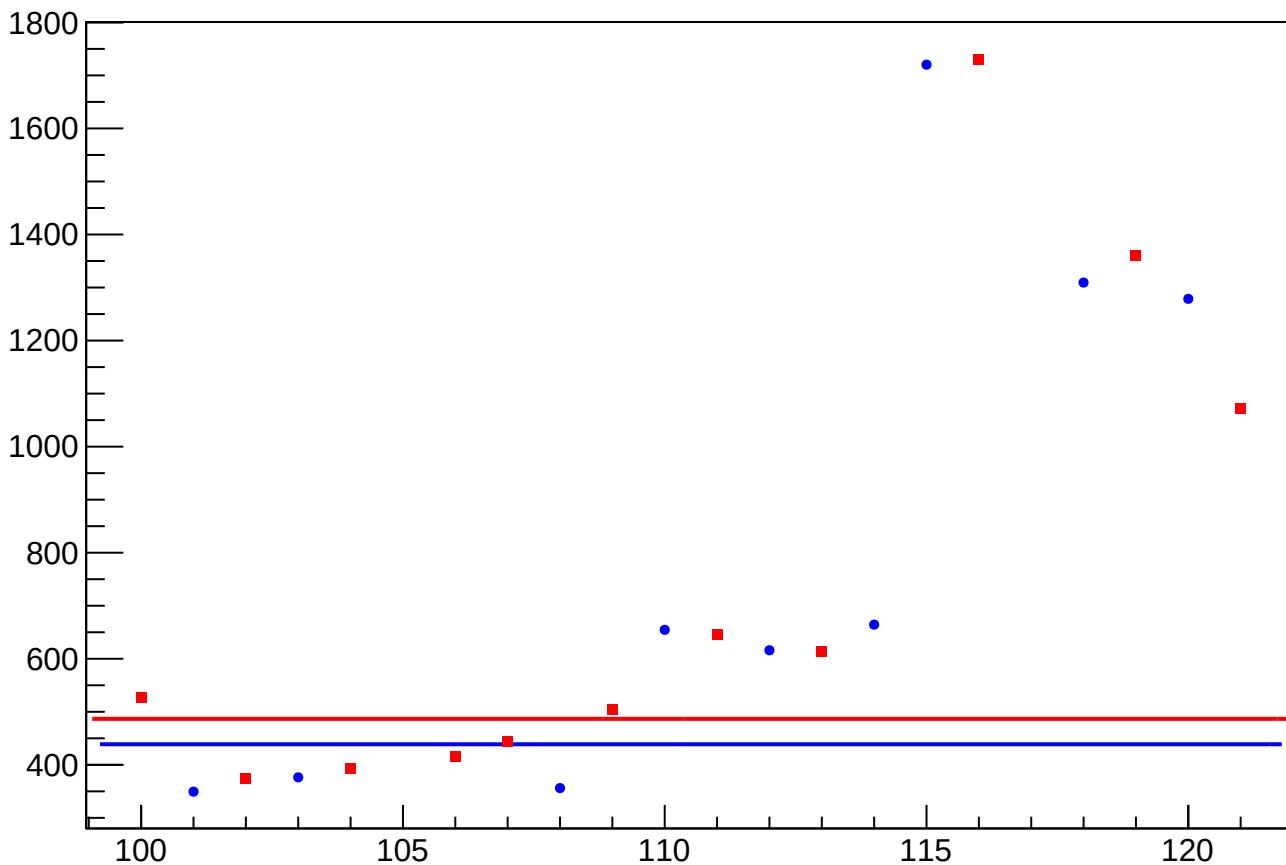
Right: 91.469+/-177.598 χ^2/NDF : 17.3/19

In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.469+/-177.598 χ^2/NDF : 17.3/19

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.723+/-0.177 χ^2/NDF : 1299921.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

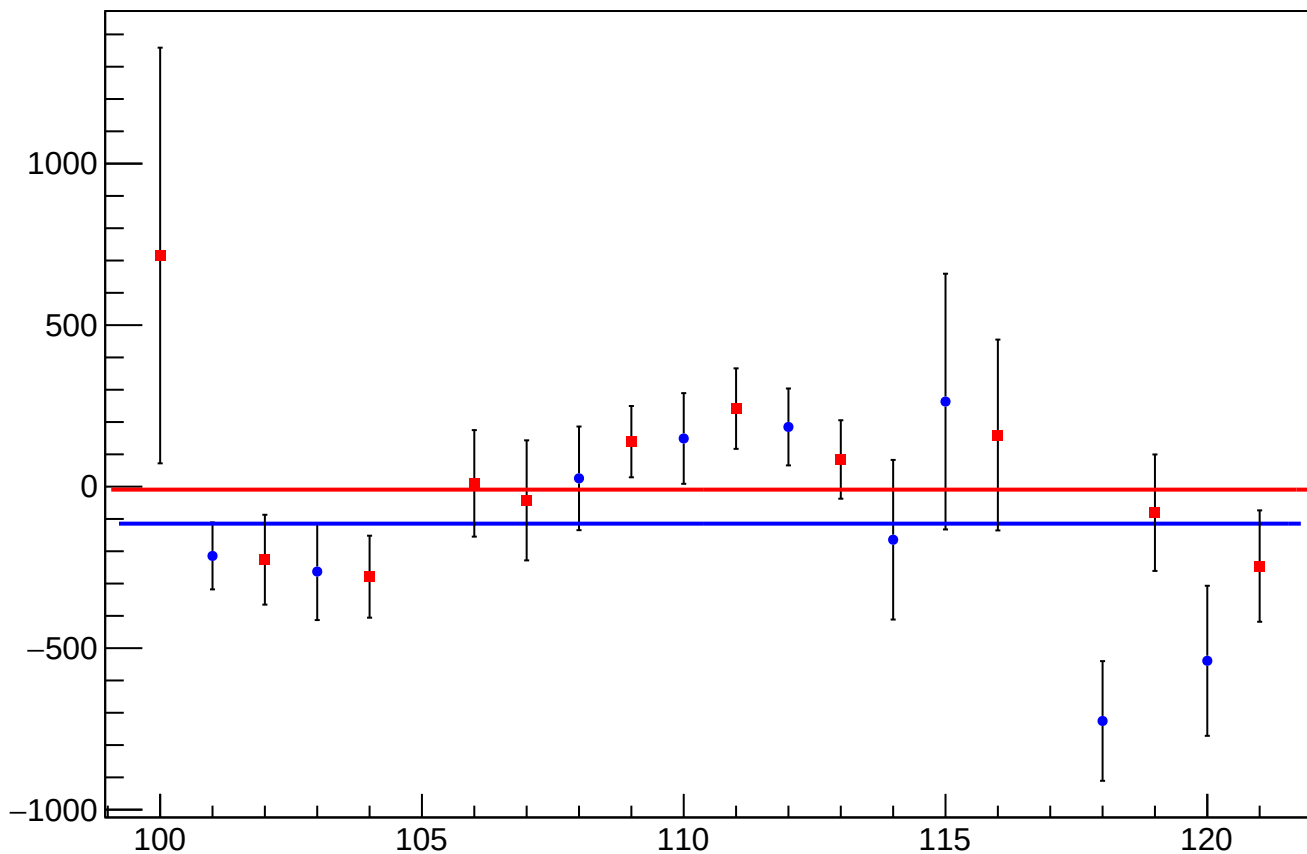
Right: 463.005+/-0.126 χ^2/NDF : 2624120.5/19

In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.005+/-0.126 χ^2/NDF : 2624120.5/19

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.219+/-46.024 χ^2/NDF : 17.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

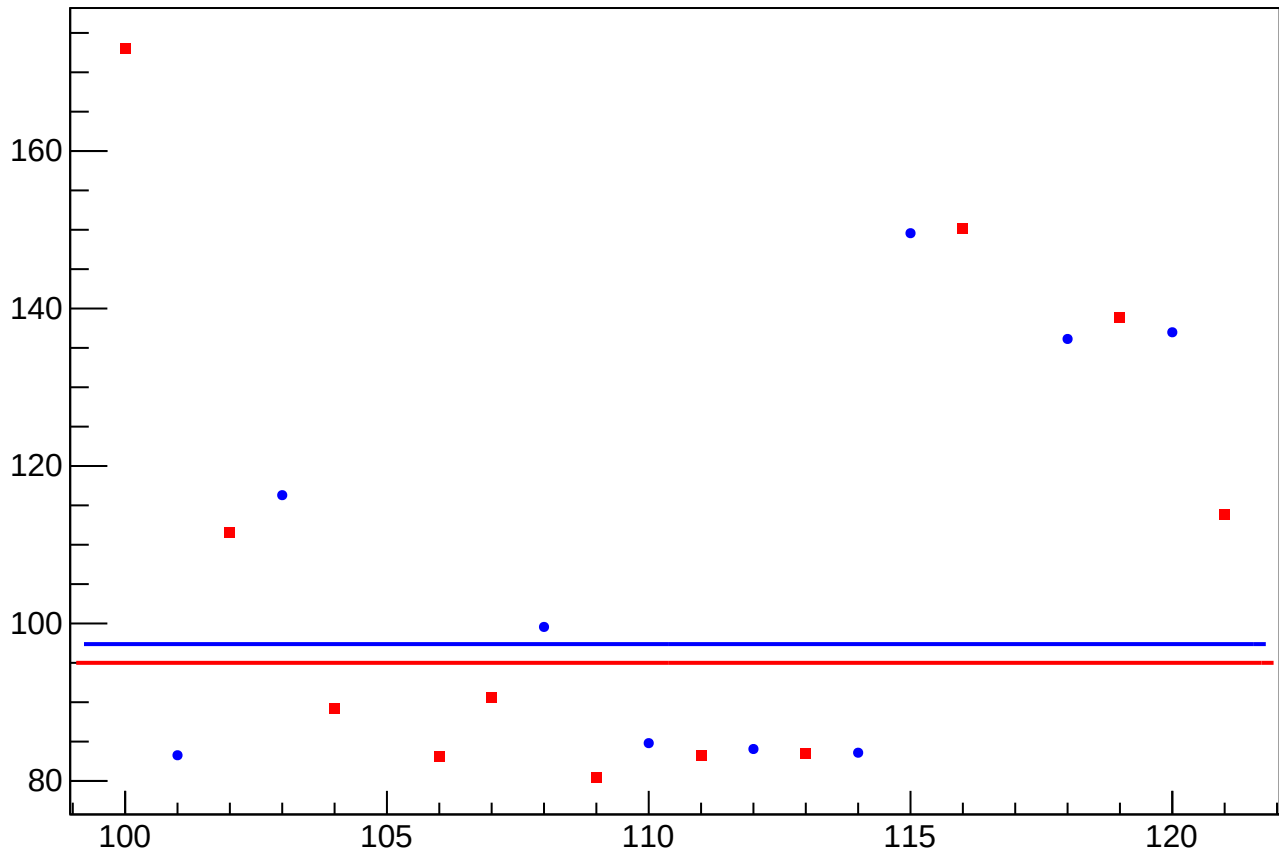
Right: -55.370+/-34.498 χ^2/NDF : 47.1/19

In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.370+/-34.498 χ^2/NDF : 47.1/19

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.002+/-0.033 χ^2/NDF : 355855.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

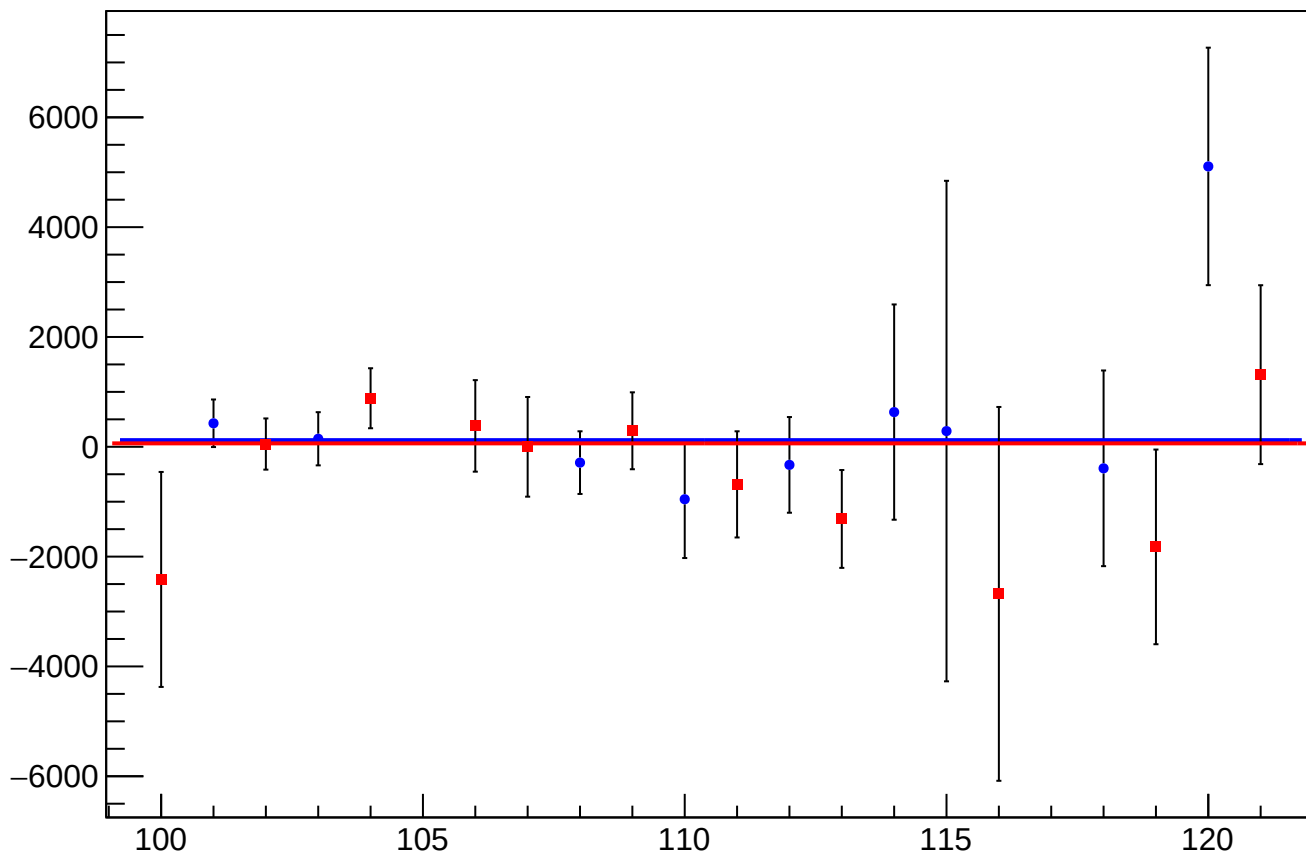
Right: 96.044+/-0.024 χ^2/NDF : 655223.4/19

In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.044+/-0.024 χ^2/NDF : 655223.4/19

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.384+/-249.893 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

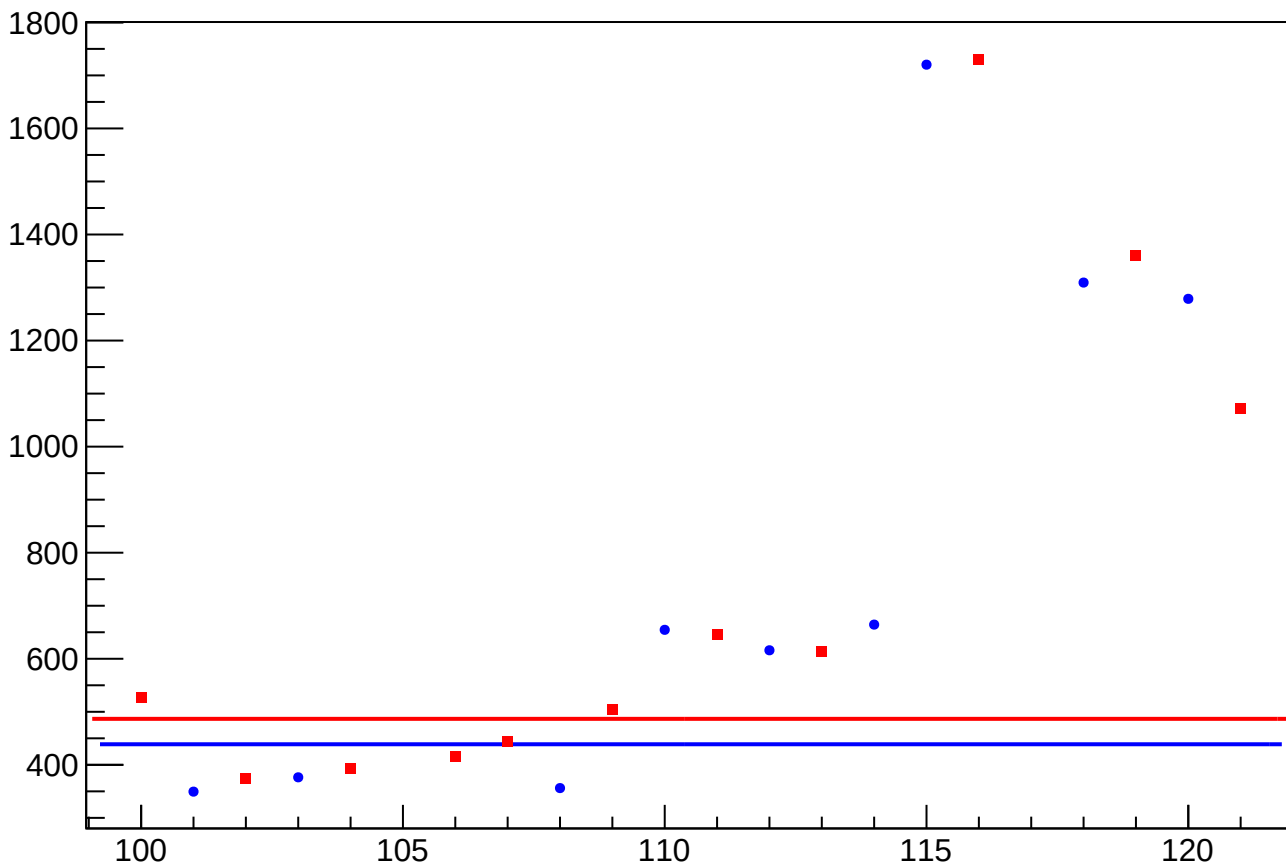
Right: 91.469+/-177.598 χ^2/NDF : 17.3/19

In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.469+/-177.598 χ^2/NDF : 17.3/19

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.723+/-0.177 χ^2/NDF : 1299921.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

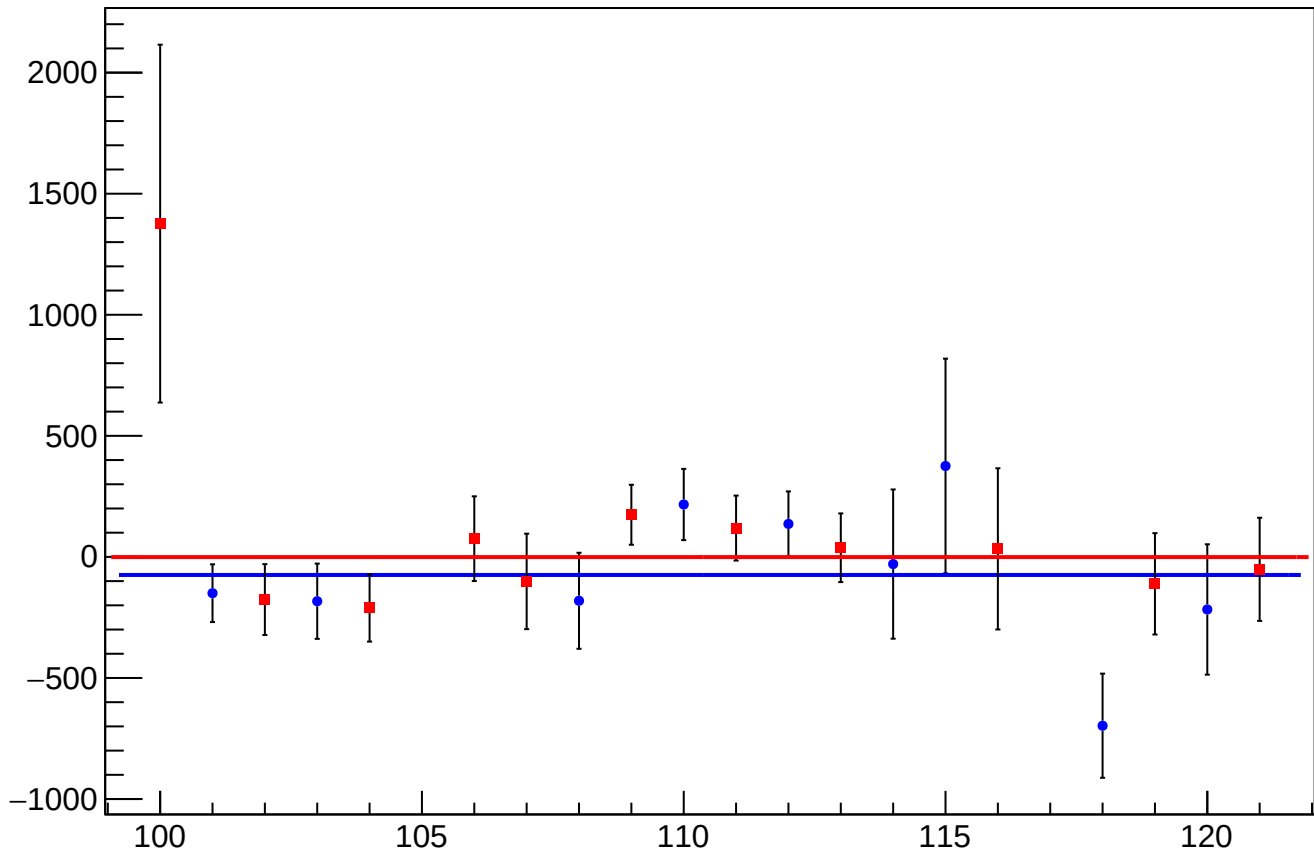
Right: 463.005+/-0.126 χ^2/NDF : 2624120.5/19

In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.005+/-0.126 χ^2/NDF : 2624120.5/19

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -74.628 ± 58.739 χ^2/NDF : 17.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.743 ± 51.087 χ^2/NDF : 10.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

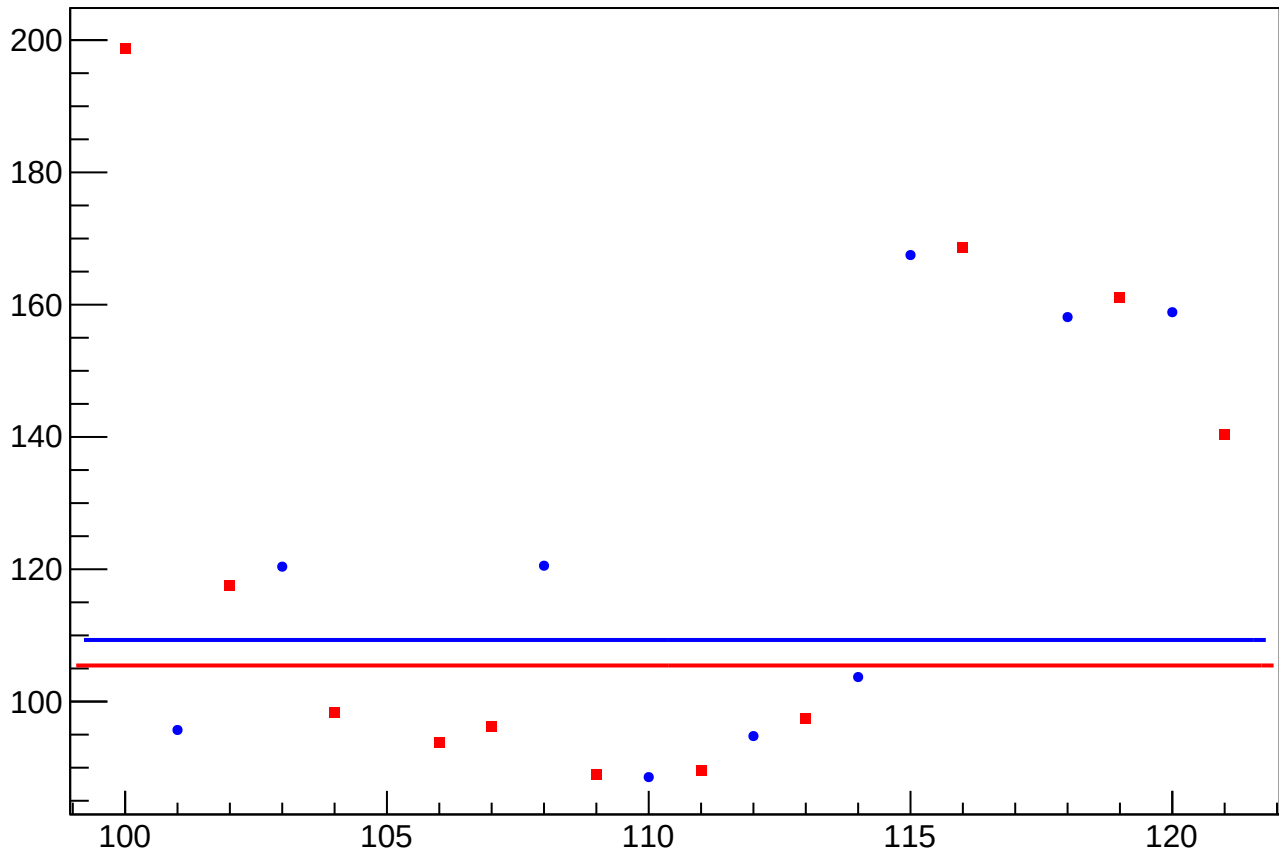
Right: -32.562 ± 38.547 χ^2/NDF : 29.0/19

In: -74.628 ± 58.739 χ^2/NDF : 17.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.562 ± 38.547 χ^2/NDF : 29.0/19

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 109.309+/-0.042 χ^2/NDF : 311633.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.452+/-0.036 χ^2/NDF : 401233.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

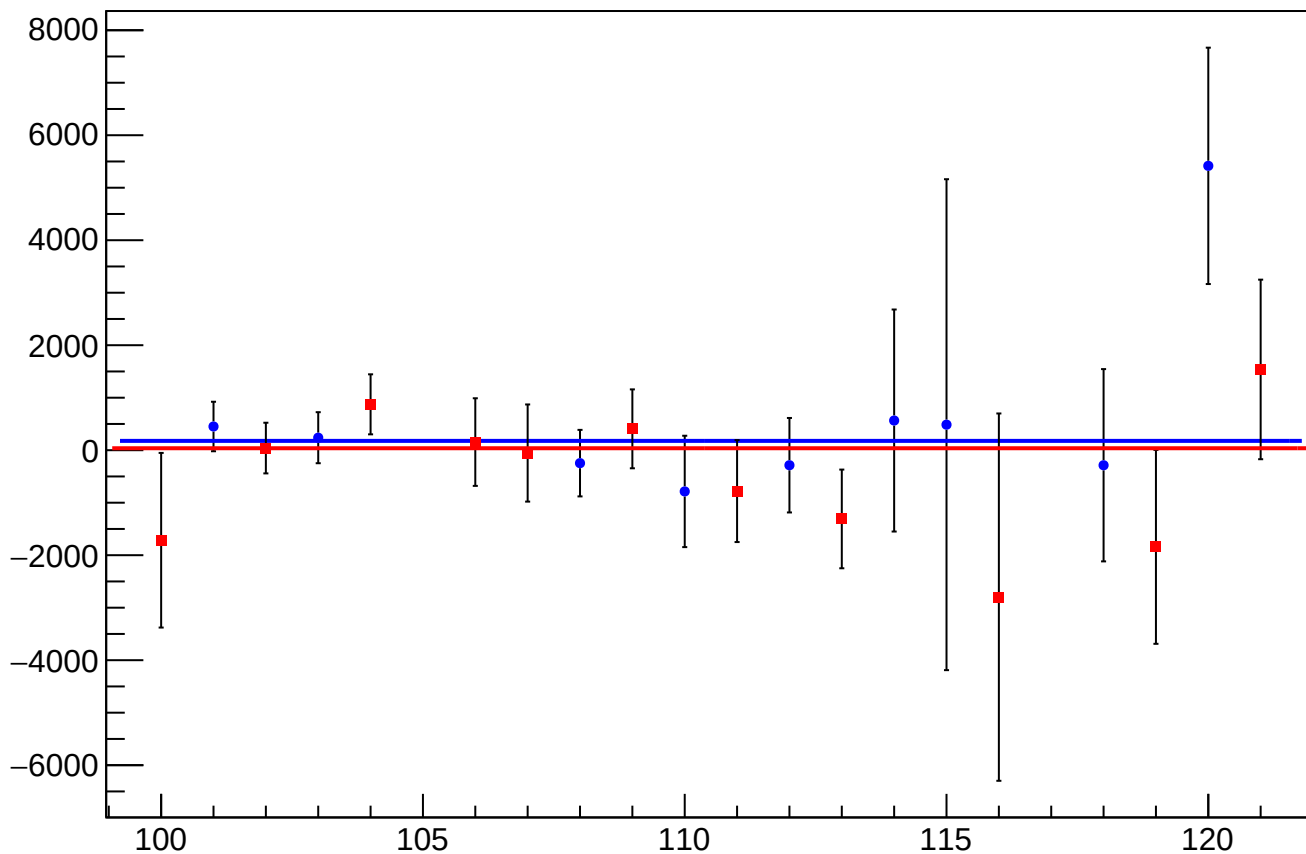
Right: 107.113+/-0.027 χ^2/NDF : 717776.6/19

In: 109.309+/-0.042 χ^2/NDF : 311633.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.113+/-0.027 χ^2/NDF : 717776.6/19

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 177.640+/-266.221 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.263+/-258.216 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

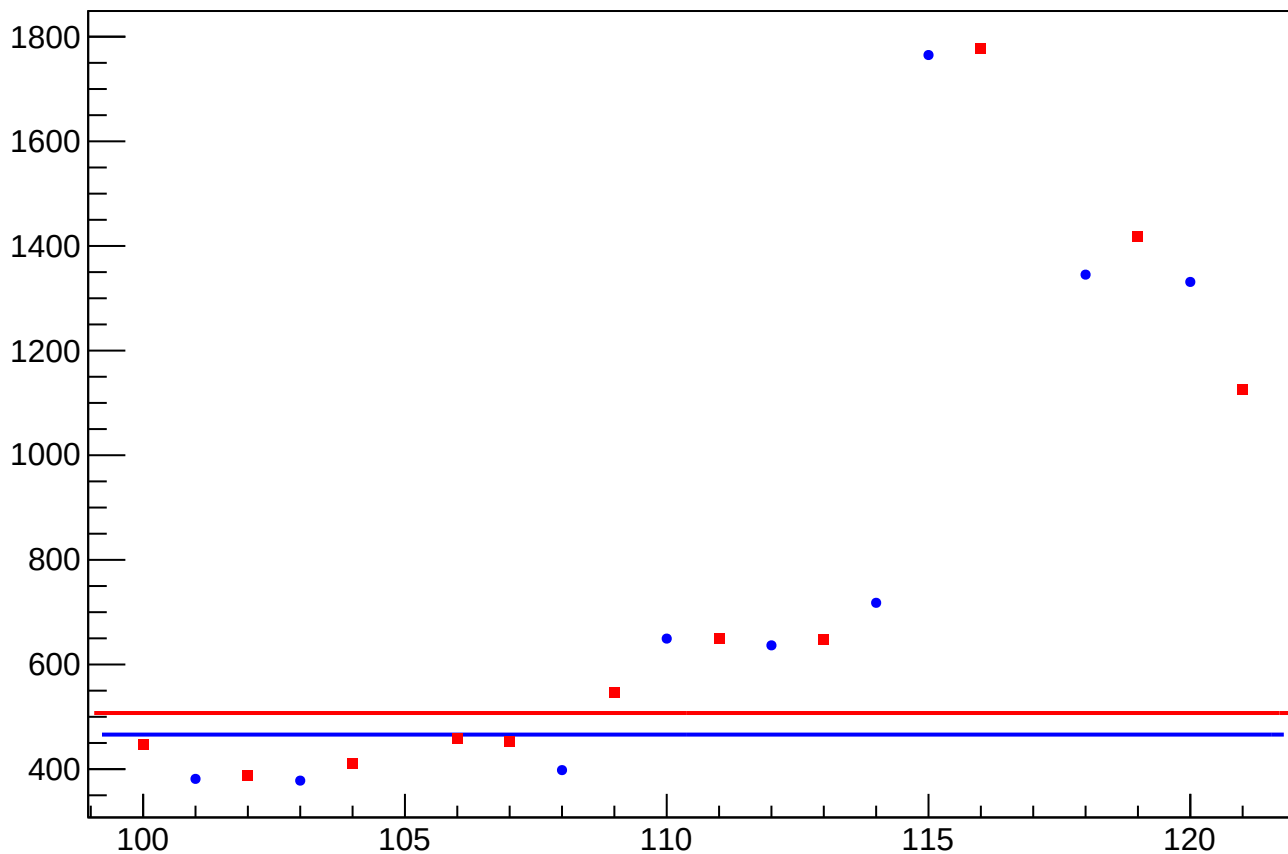
Right: 105.309+/-185.351 χ^2/NDF : 16.3/19

In: 177.640+/-266.221 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.309+/-185.351 χ^2/NDF : 16.3/19

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 466.033+/-0.188 χ^2/NDF : 1223675.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 507.278+/-0.183 χ^2/NDF : 1299111.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

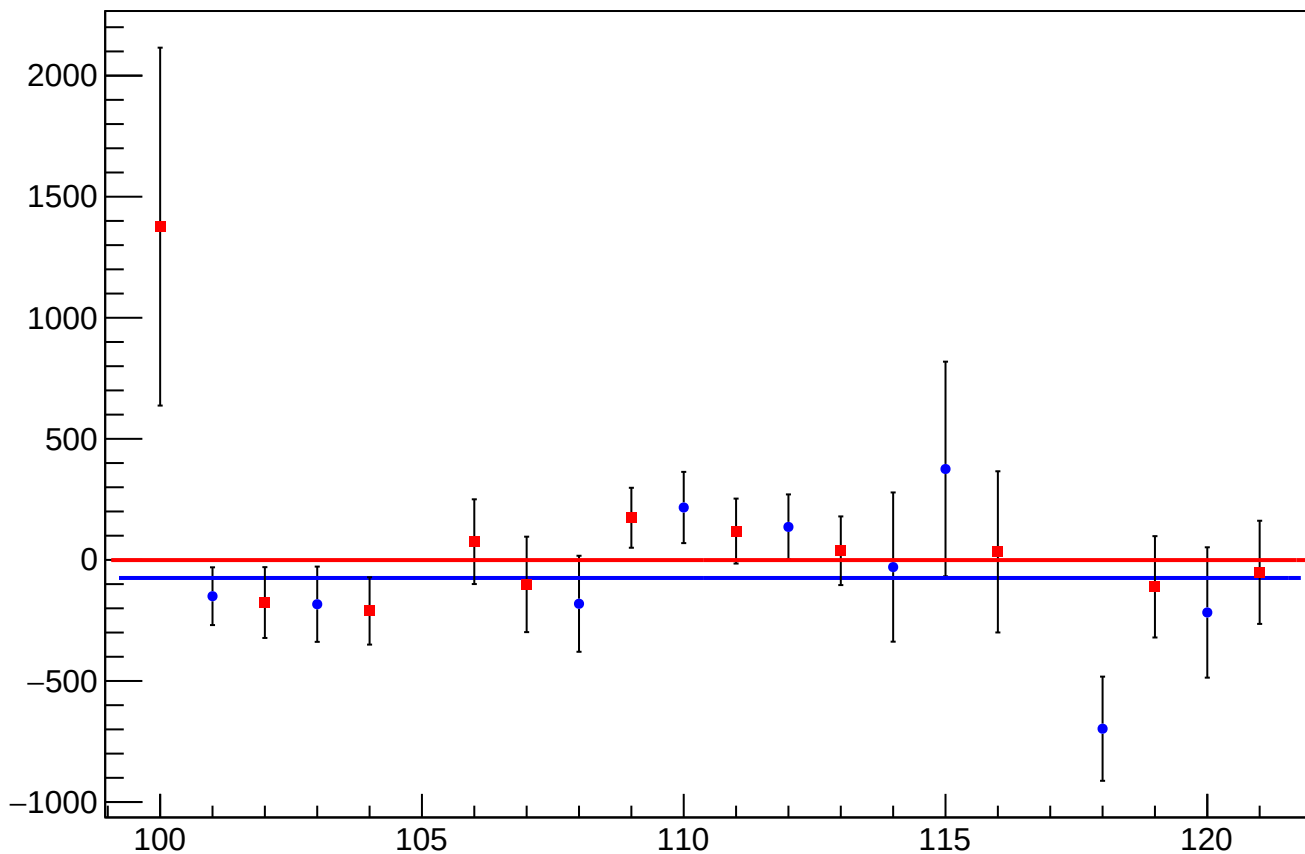
Right: 487.285+/-0.131 χ^2/NDF : 2547522.2/19

In: 466.033+/-0.188 χ^2/NDF : 1223675.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.285+/-0.131 χ^2/NDF : 2547522.2/19

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -74.630+/-58.739 χ^2/NDF : 17.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.741+/-51.087 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

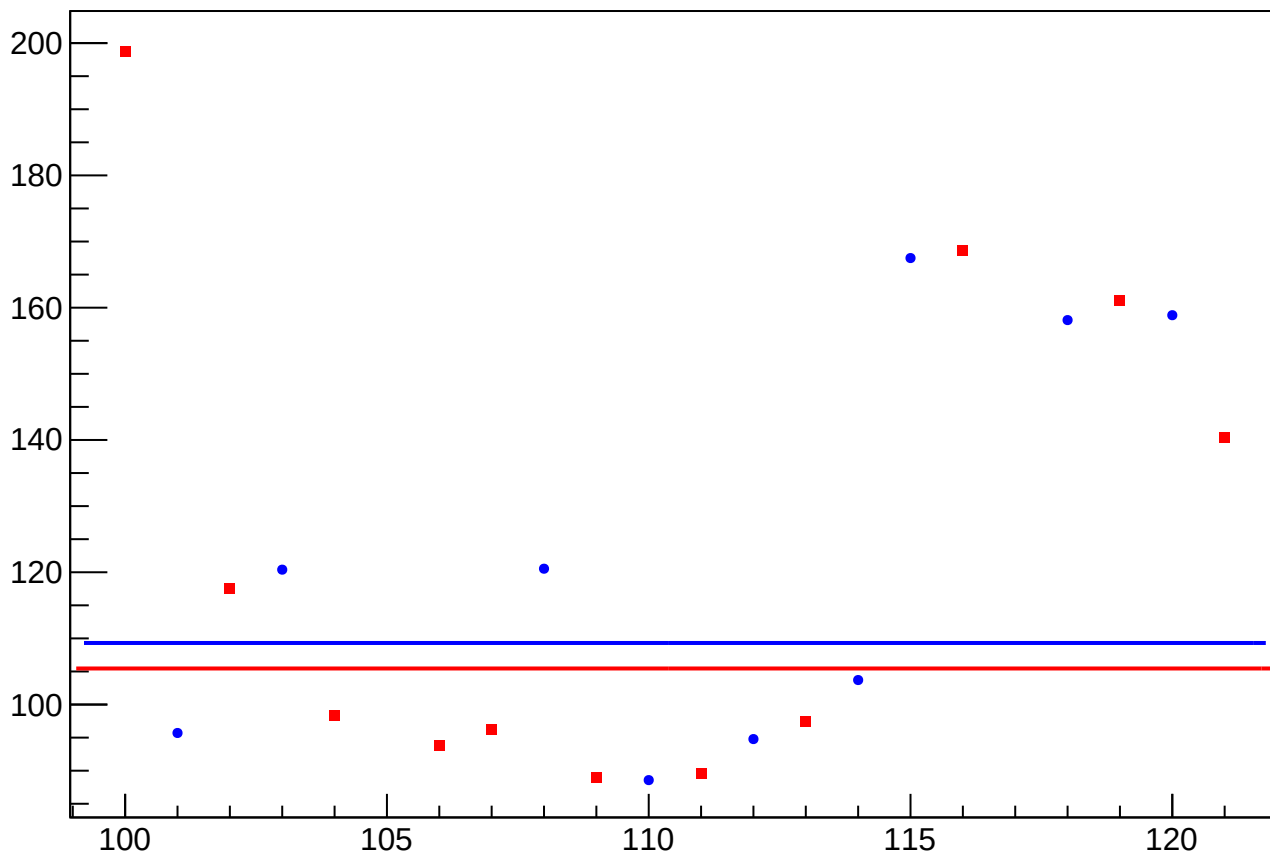
Right: -32.562+/-38.547 χ^2/NDF : 29.0/19

In: -74.630+/-58.739 χ^2/NDF : 17.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.562+/-38.547 χ^2/NDF : 29.0/19

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 109.309+/-0.042 χ^2/NDF : 311636.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.452+/-0.036 χ^2/NDF : 401232.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

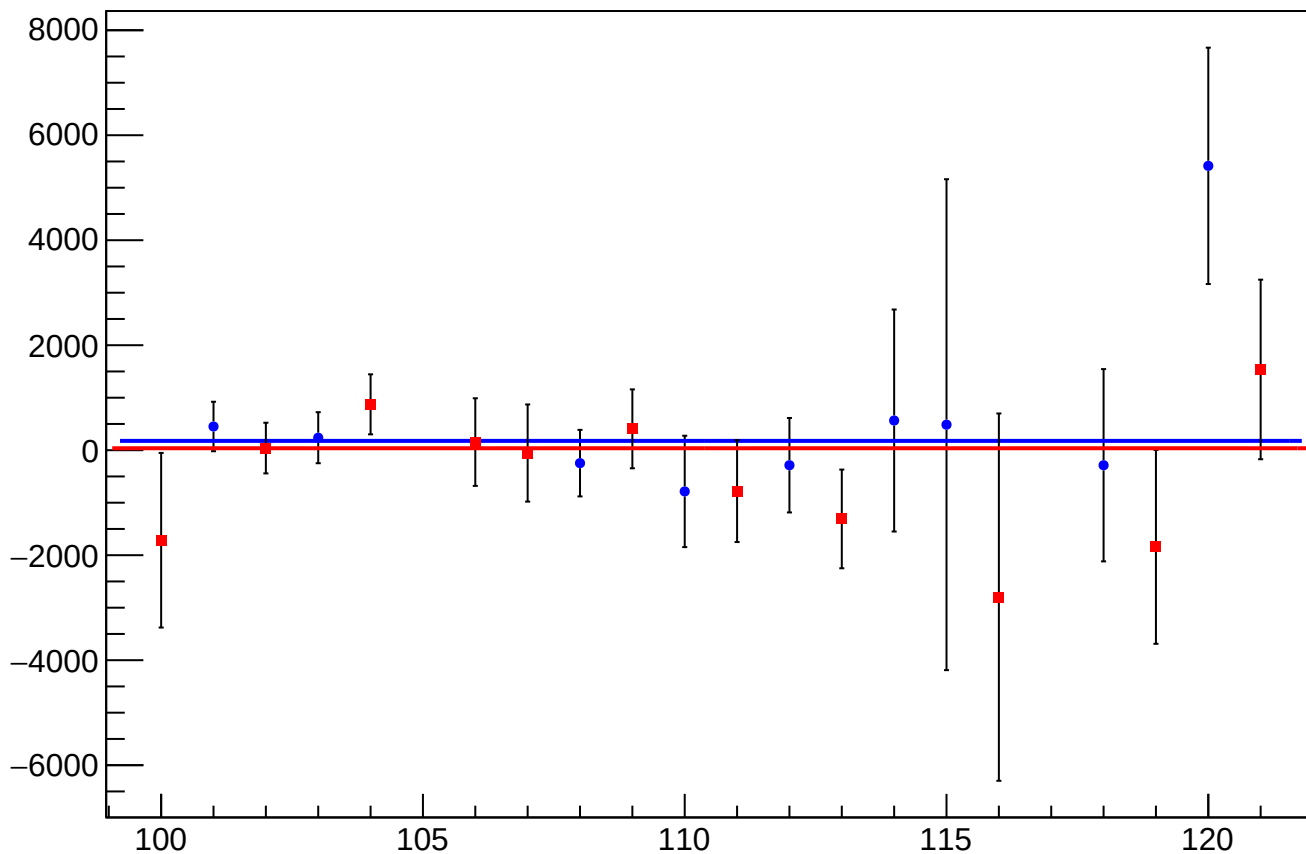
Right: 107.113+/-0.027 χ^2/NDF : 717778.4/19

In: 109.309+/-0.042 χ^2/NDF : 311636.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.113+/-0.027 χ^2/NDF : 717778.4/19

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 177.640+/-266.221 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.265+/-258.215 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

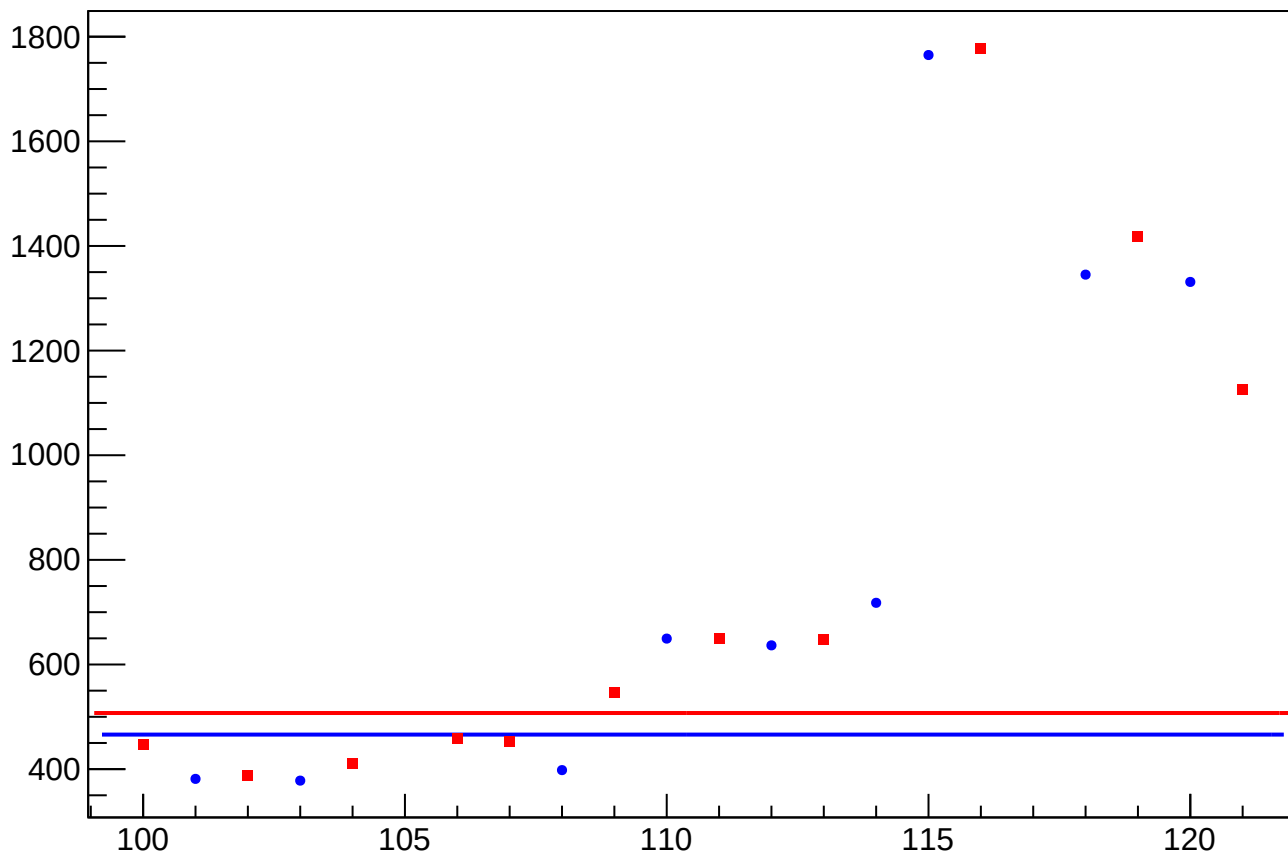
Right: 105.310+/-185.351 χ^2/NDF : 16.3/19

In: 177.640+/-266.221 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.310+/-185.351 χ^2/NDF : 16.3/19

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 466.032+/-0.188 χ^2/NDF : 1223677.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 507.278+/-0.183 χ^2/NDF : 1299111.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

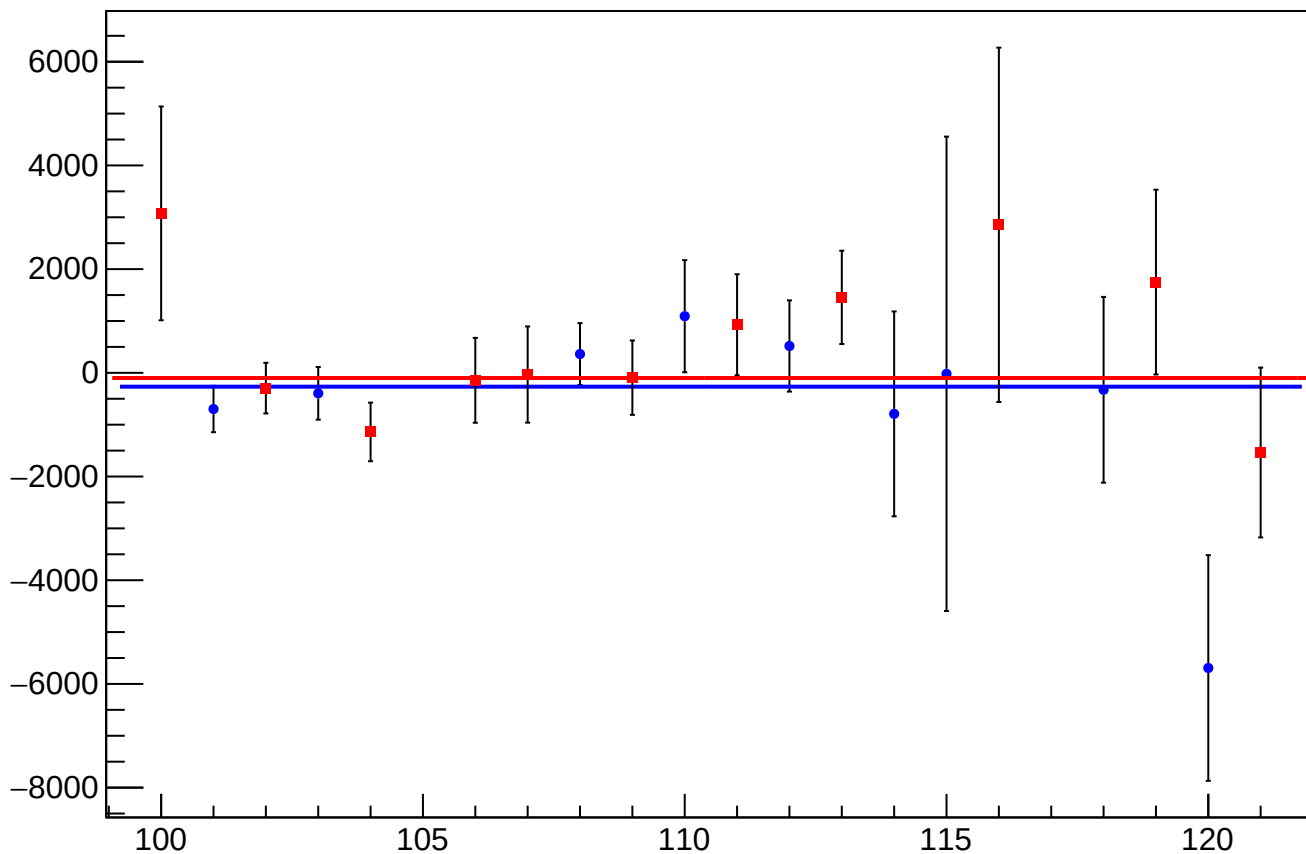
Right: 487.284+/-0.131 χ^2/NDF : 2547524.9/19

In: 466.032+/-0.188 χ^2/NDF : 1223677.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.284+/-0.131 χ^2/NDF : 2547524.9/19

asym_sam6_mean vs Slug, Sign Corrected



Right In: -267.011+/-261.053 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.808+/-256.345 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

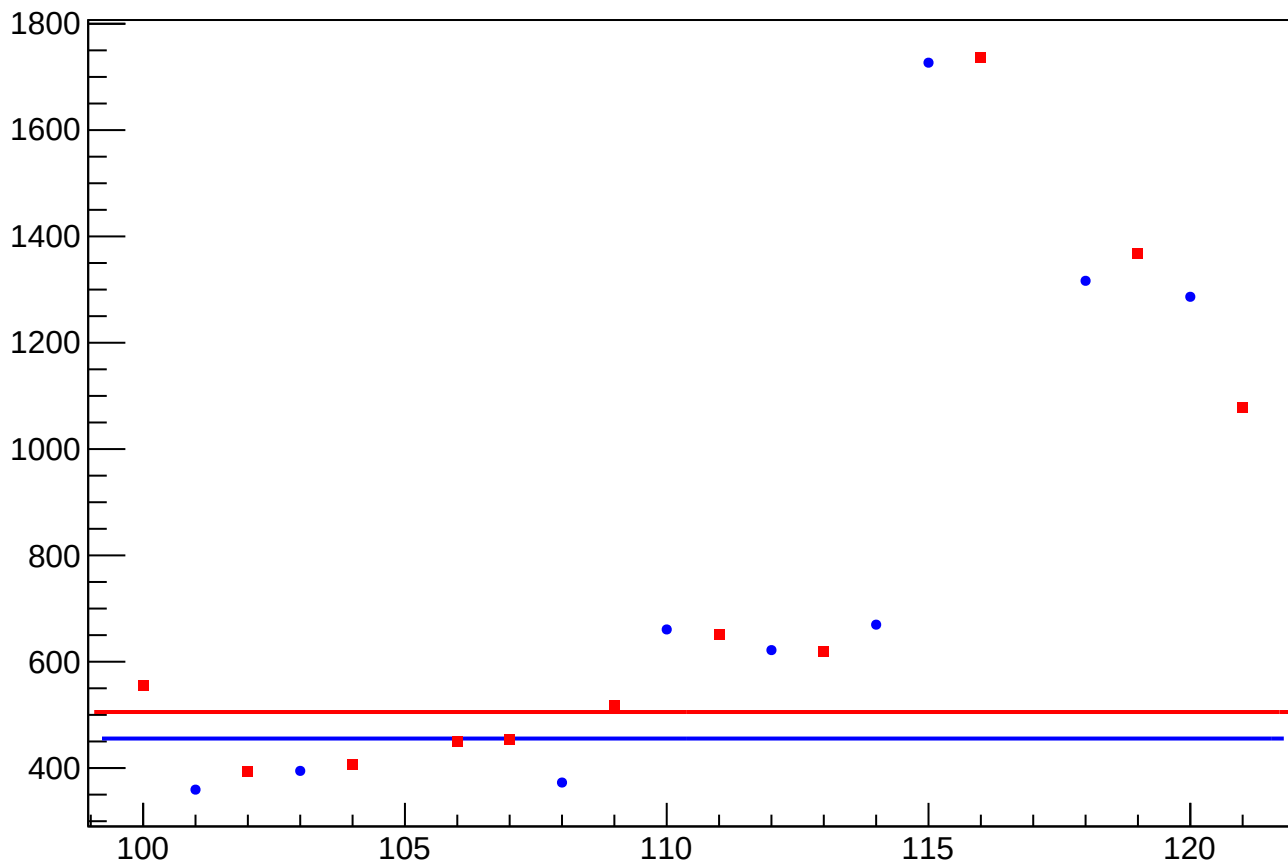
Right: -181.888+/-182.905 χ^2/NDF : 23.6/19

In: -267.011+/-261.053 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.888+/-182.905 χ^2/NDF : 23.6/19

asym_sam6_rms vs Slug, Sign Corrected



Right In: 455.498+/-0.185 χ^2/NDF : 1235023.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.397+/-0.181 χ^2/NDF : 1232862.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

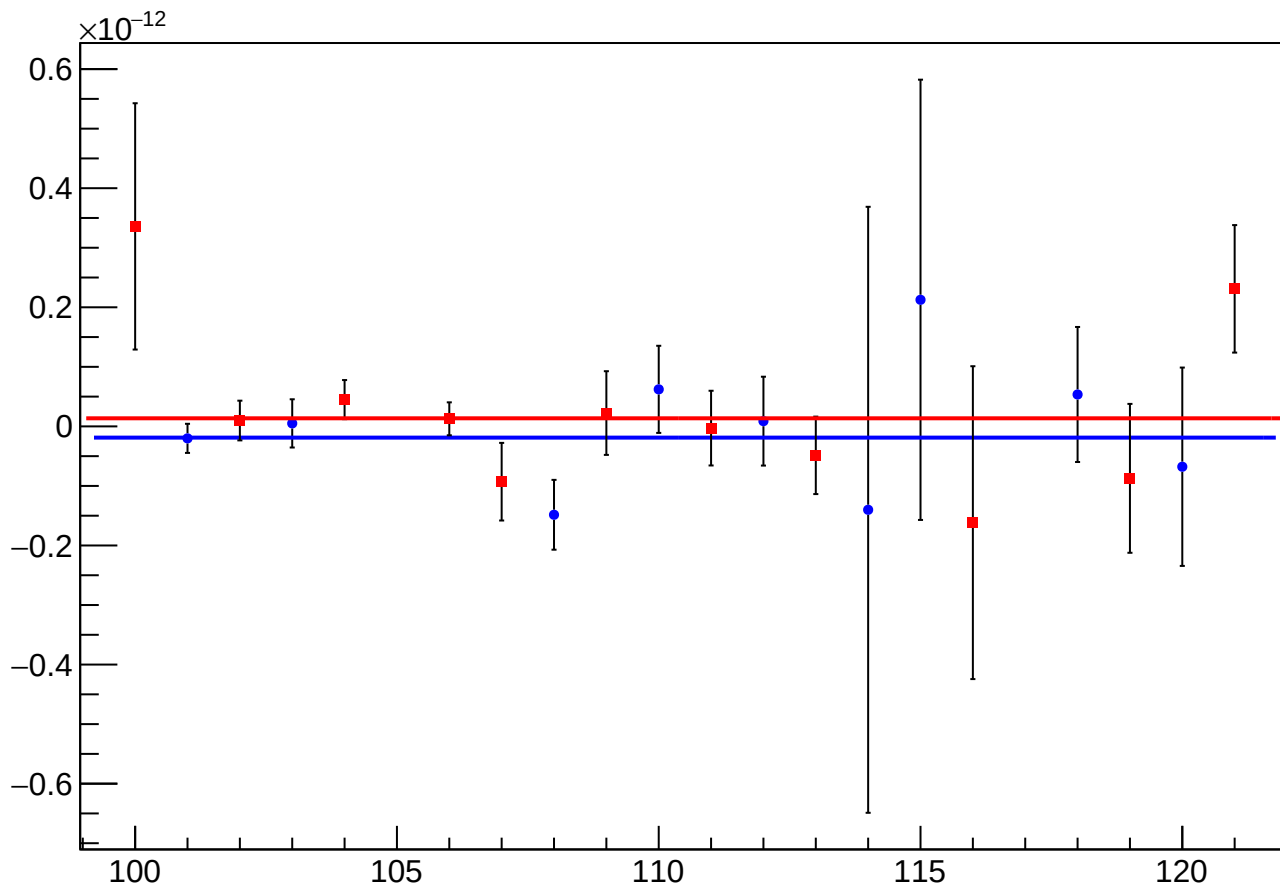
Right: 480.901+/-0.129 χ^2/NDF : 2505088.3/19

In: 455.498+/-0.185 χ^2/NDF : 1235023.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.901+/-0.129 χ^2/NDF : 2505088.3/19

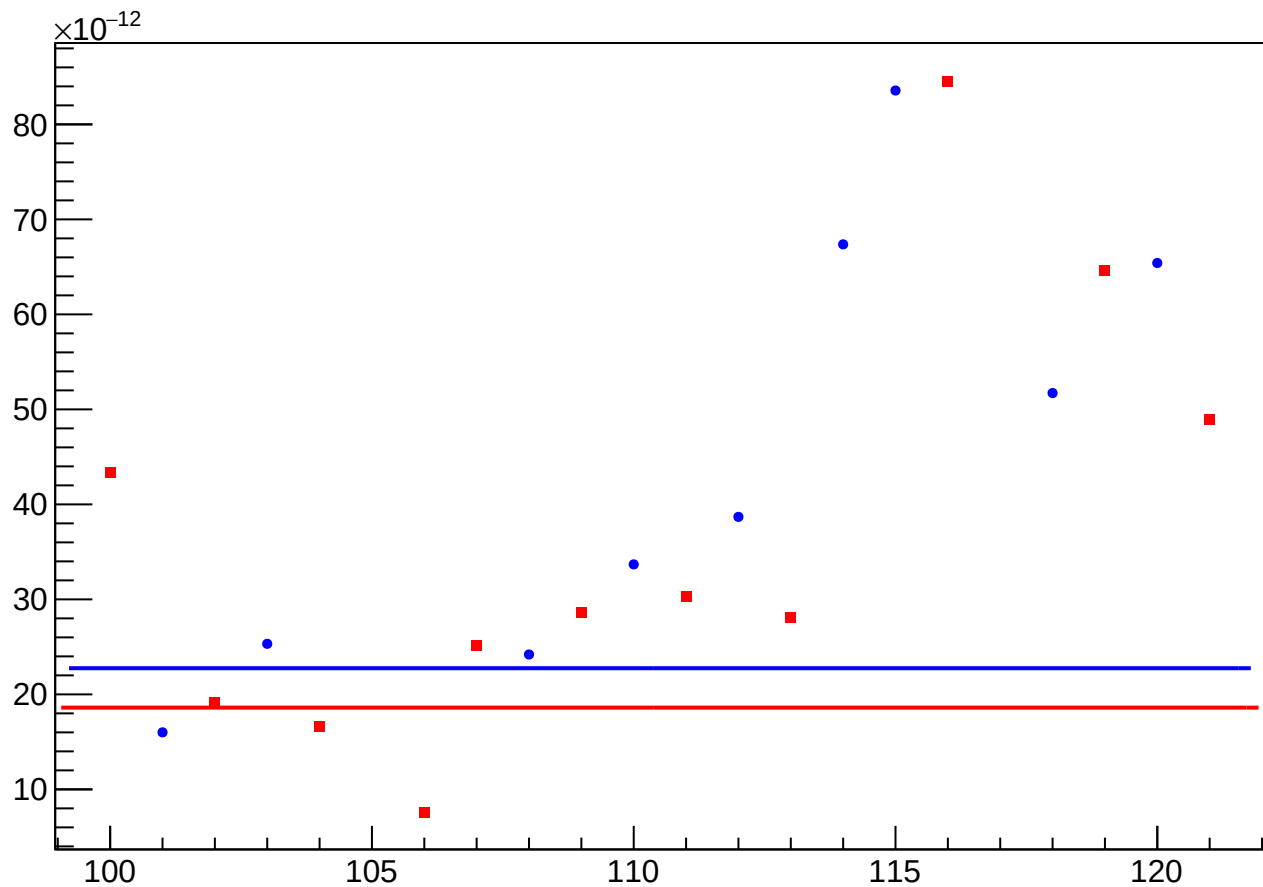
asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 12.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 21.7/19
 In: -0.000+/-0.000 χ^2/NDF : 7.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 21.7/19

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 628807.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1085398.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

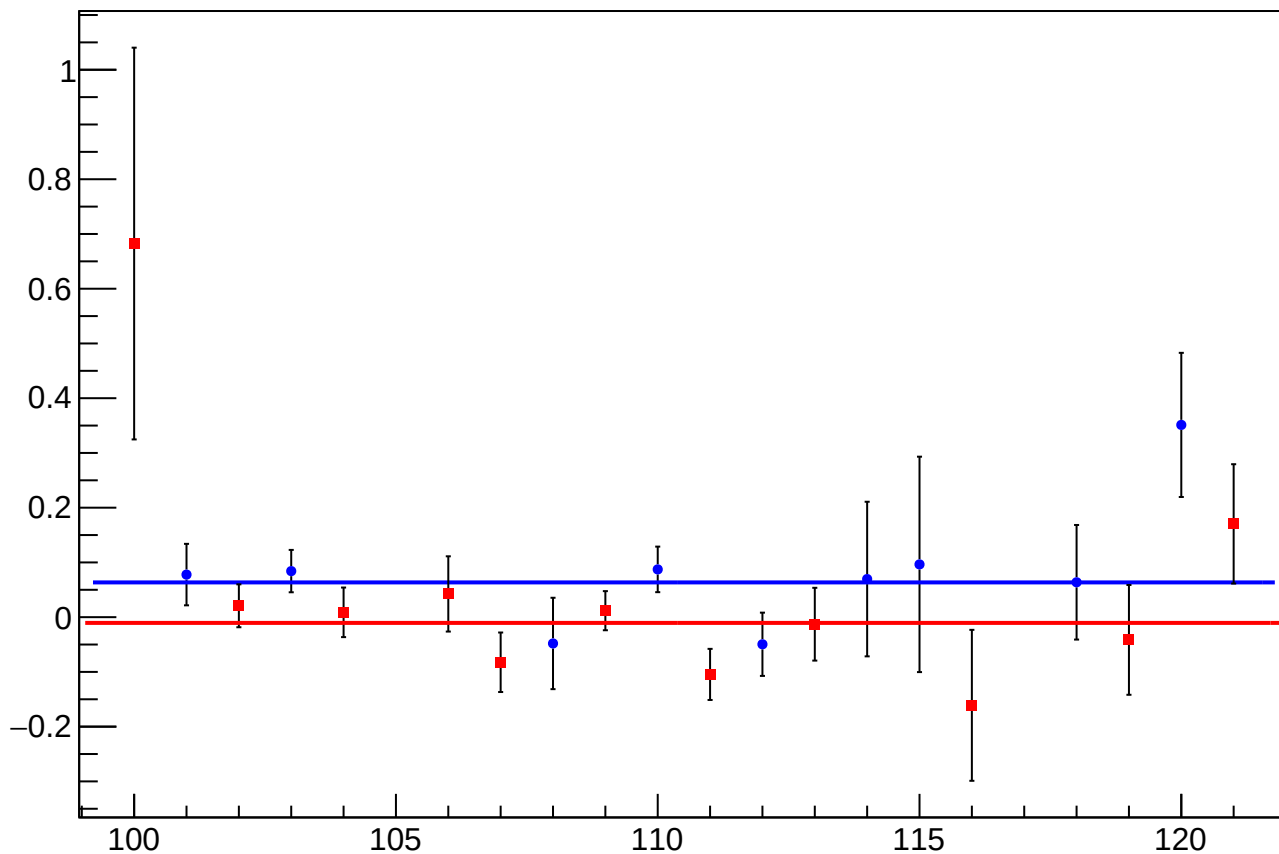
Right: 0.000+/-0.000 χ^2/NDF : 1775490.3/19

In: 0.000+/-0.000 χ^2/NDF : 628807.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1775490.3/19

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

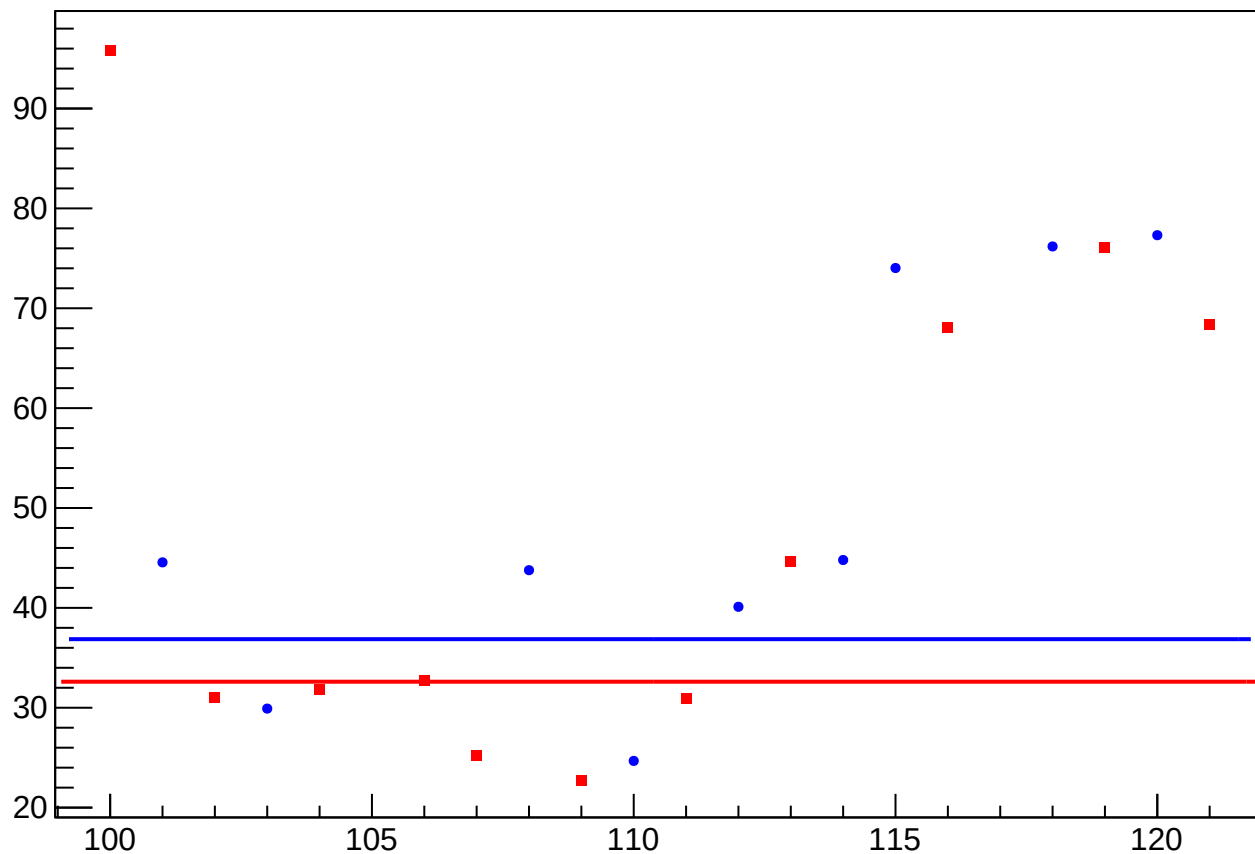
Right: 0.019+/-0.013 χ^2/NDF : 33.9/19

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 33.9/19

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.607+/-0.012 χ^2/NDF : 1048262.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

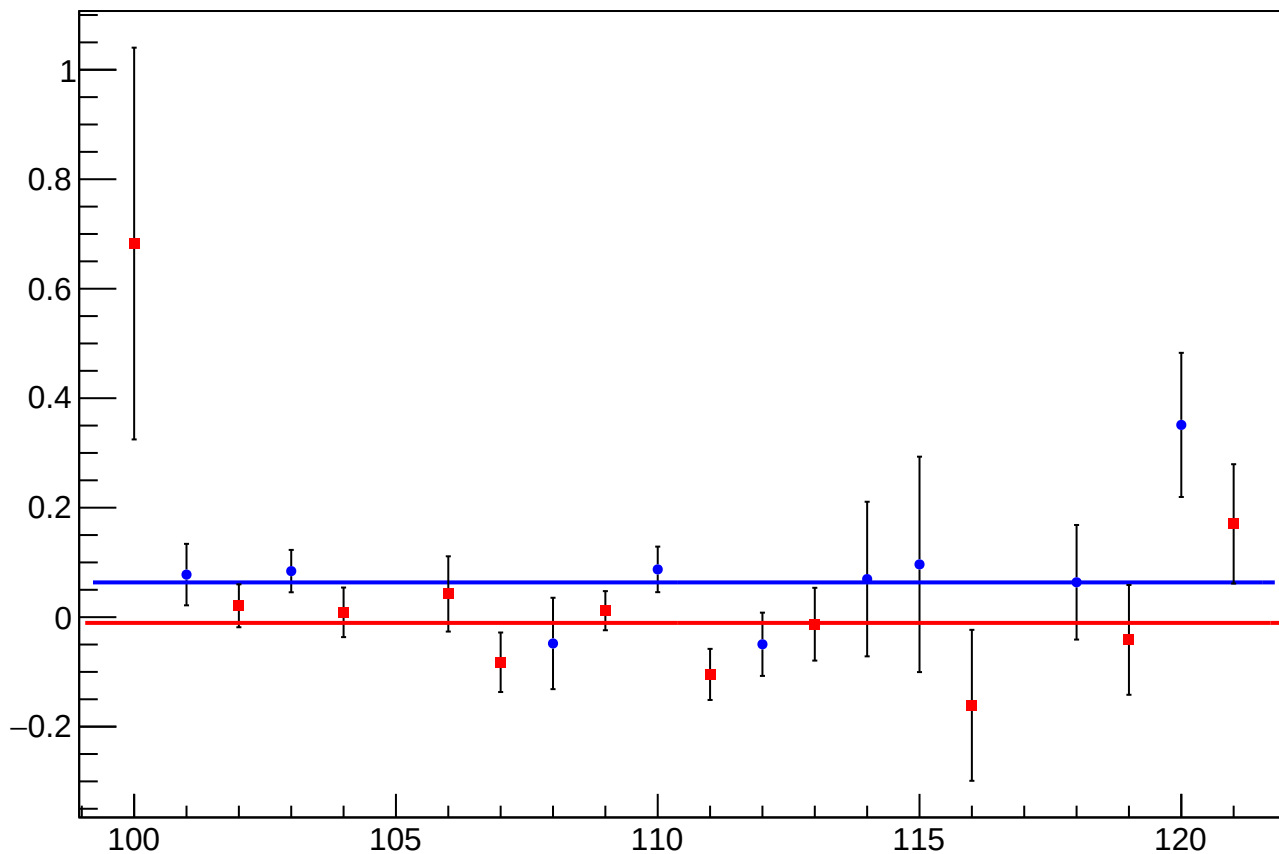
Right: 34.294+/-0.009 χ^2/NDF : 1939494.5/19

In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.294+/-0.009 χ^2/NDF : 1939494.5/19

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

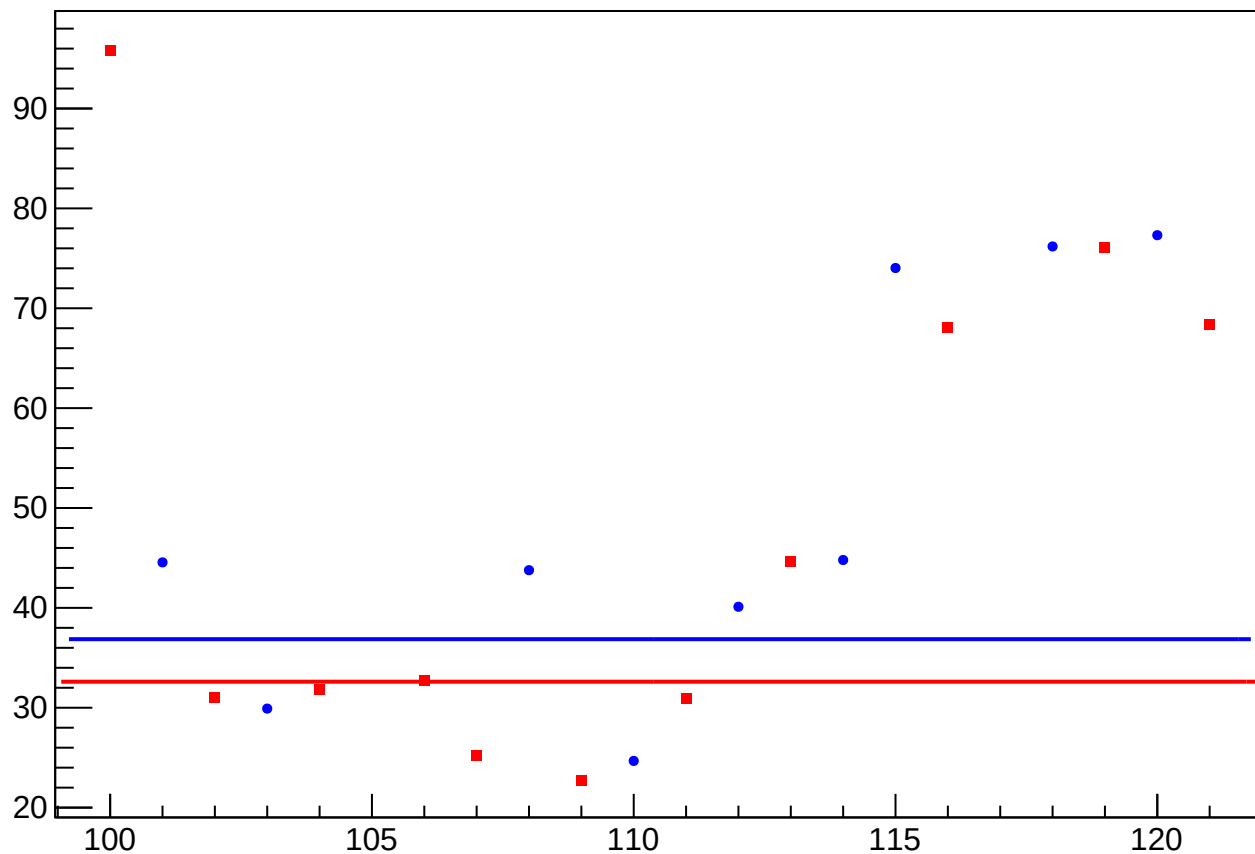
Right: 0.019+/-0.013 χ^2/NDF : 33.9/19

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 33.9/19

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.607+/-0.012 χ^2/NDF : 1048262.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

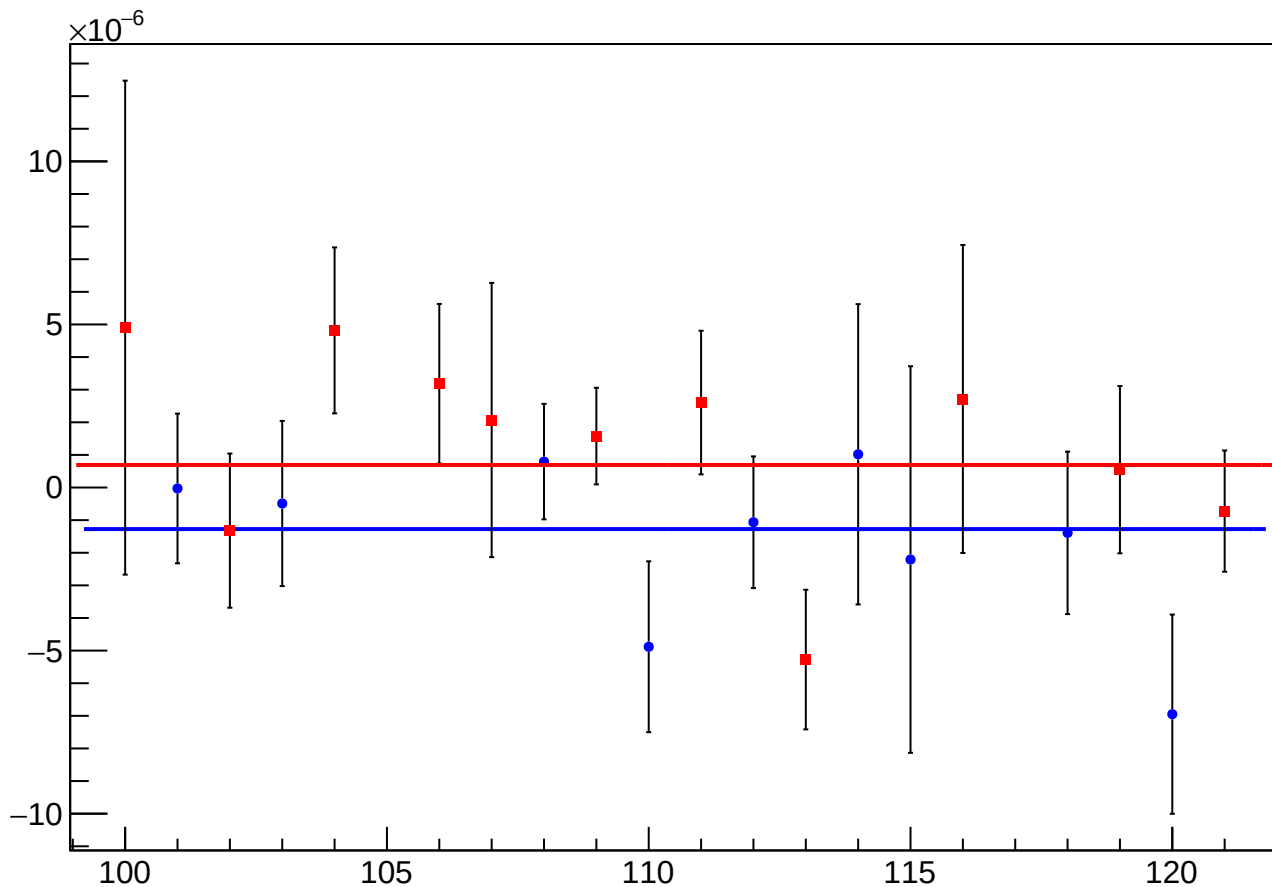
Right: 34.294+/-0.009 χ^2/NDF : 1939494.5/19

In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.294+/-0.009 χ^2/NDF : 1939494.5/19

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 14.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

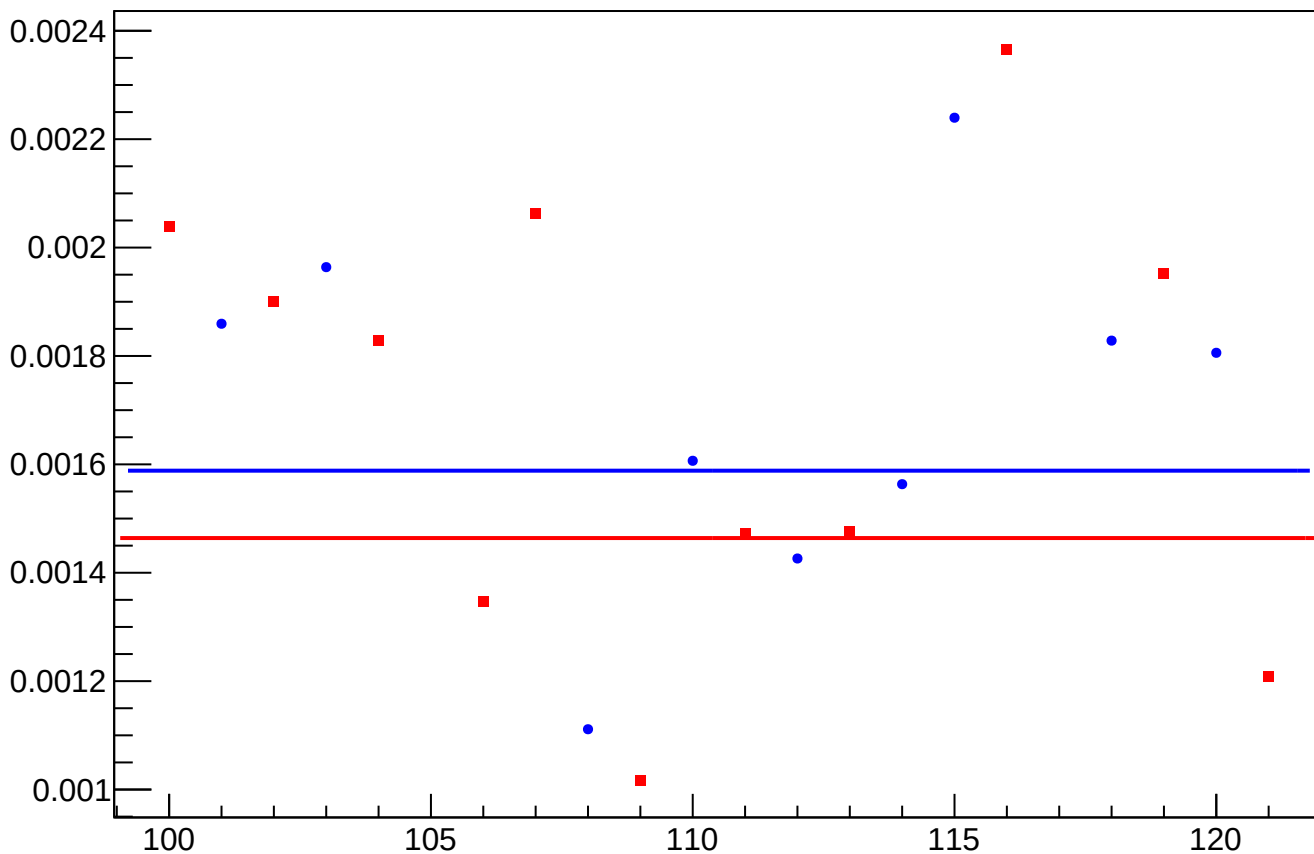
Right: -0.000 ± 0.000 $\chi^2/\text{NDF}: 25.0/19$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 25.0/19$

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 283162.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 530771.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

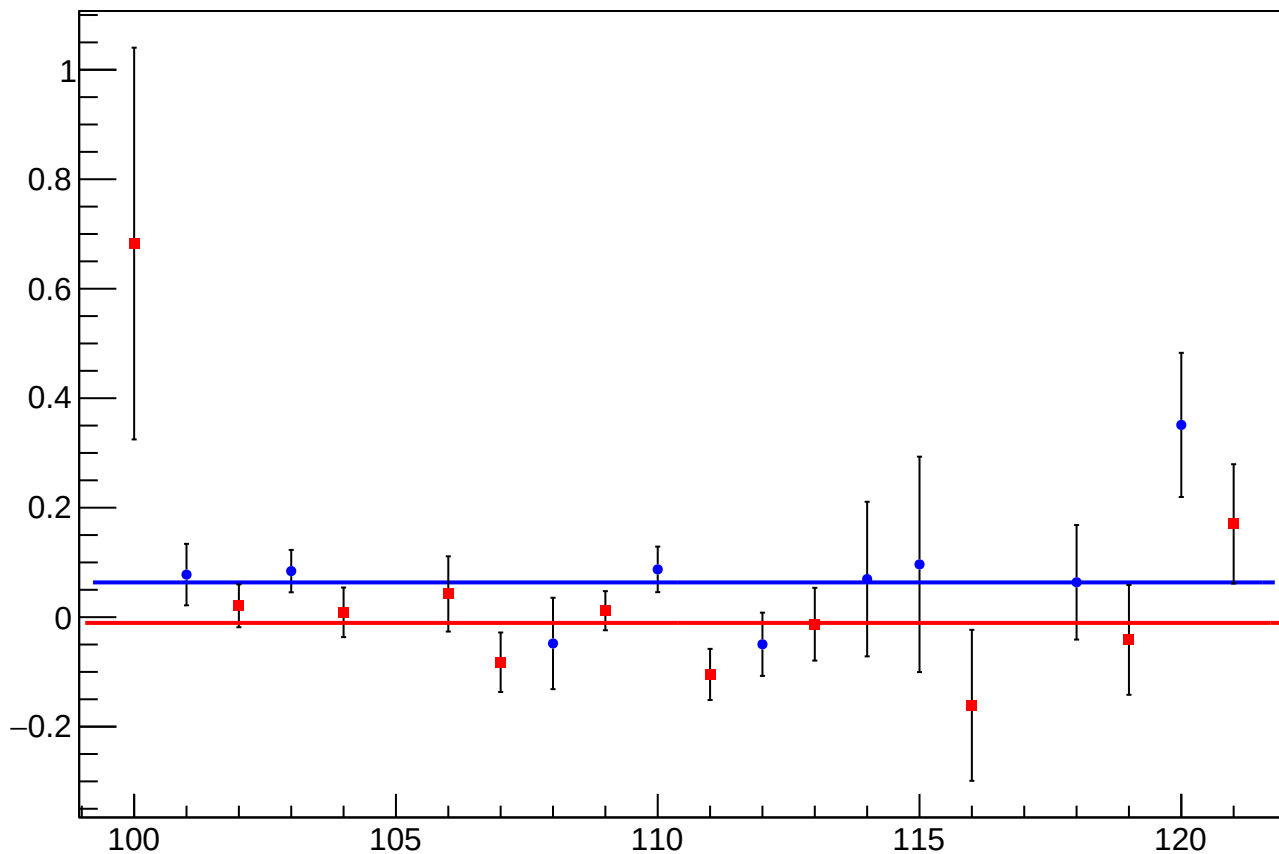
Right: 0.002+/-0.000 χ^2/NDF : 839083.6/19

In: 0.002+/-0.000 χ^2/NDF : 283162.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 839083.6/19

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.021 χ^2 /NDF: 11.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.017 χ^2 /NDF: 15.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

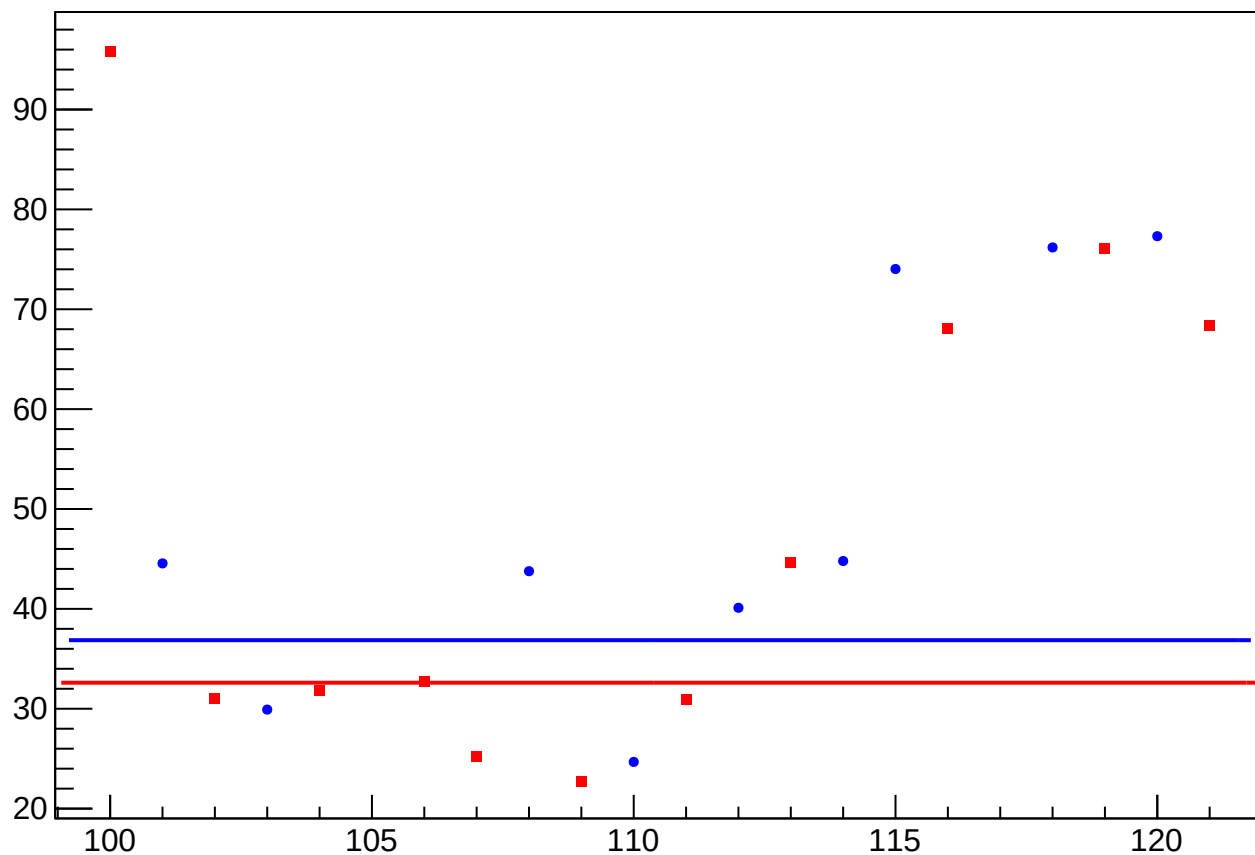
Right: 0.019 $\pm$ 0.013 χ^2 /NDF: 33.9/19

In: 0.063 $\pm$ 0.021 χ^2 /NDF:11.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 33.9/19

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.607+/-0.012 χ^2/NDF : 1048260.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

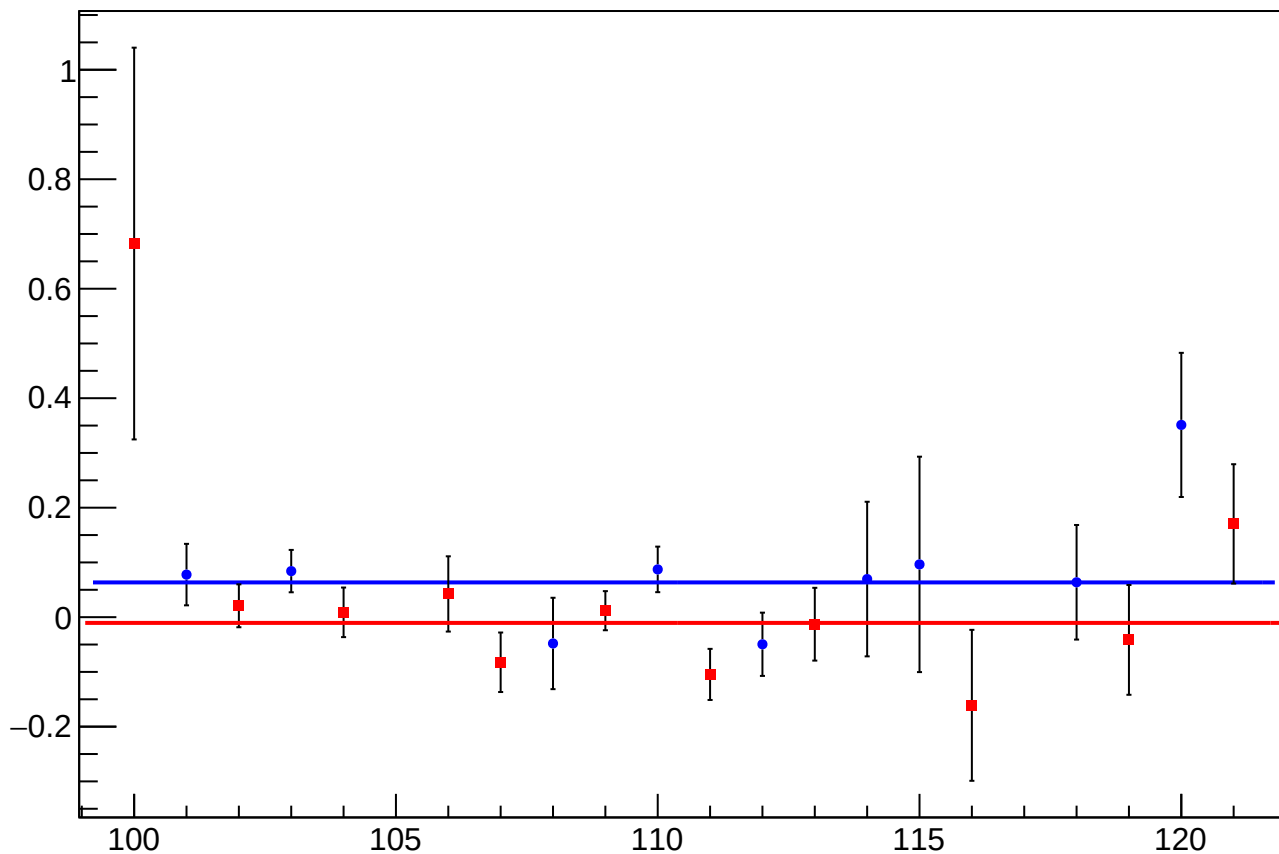
Right: 34.293+/-0.009 χ^2/NDF : 1939493.2/19

In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.293+/-0.009 χ^2/NDF : 1939493.2/19

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

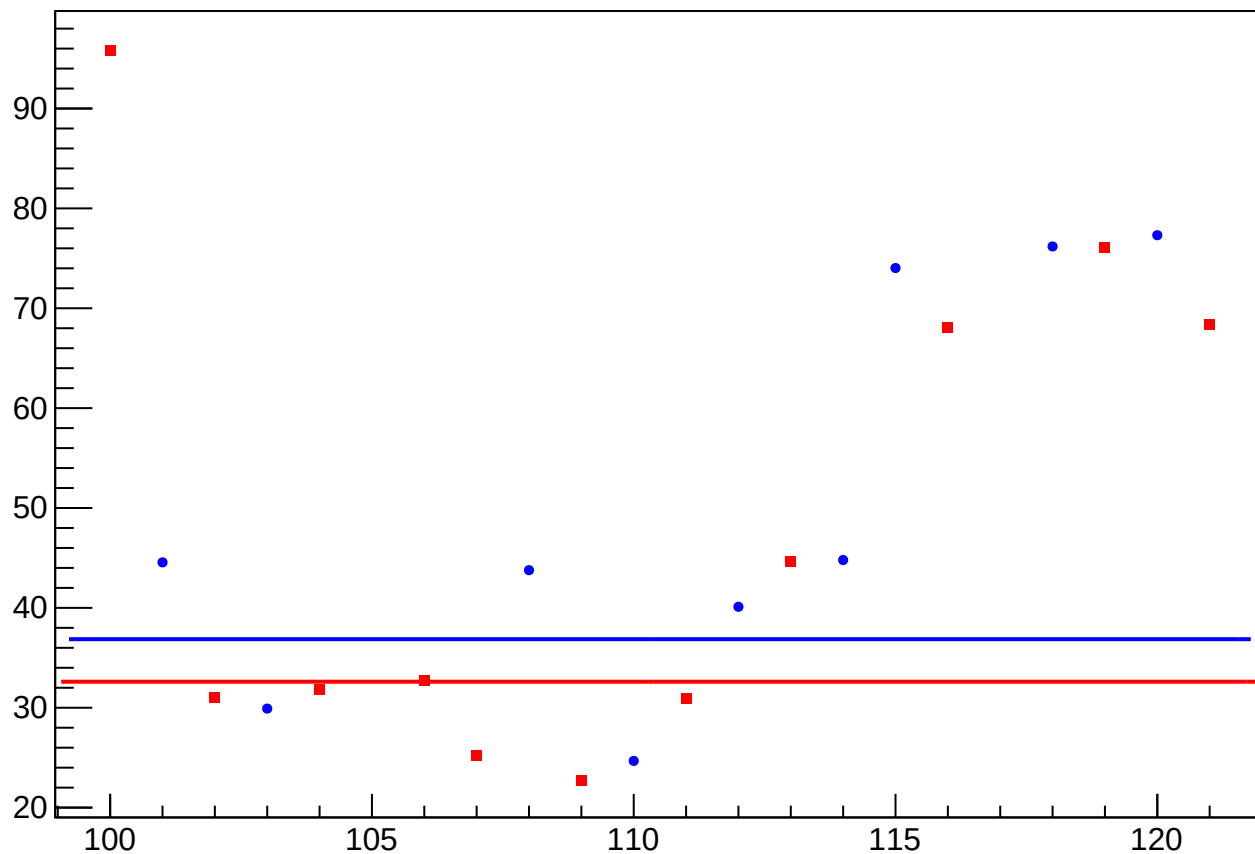
Right: 0.019+/-0.013 χ^2/NDF : 33.9/19

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 33.9/19

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.607+/-0.012 χ^2/NDF : 1048260.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

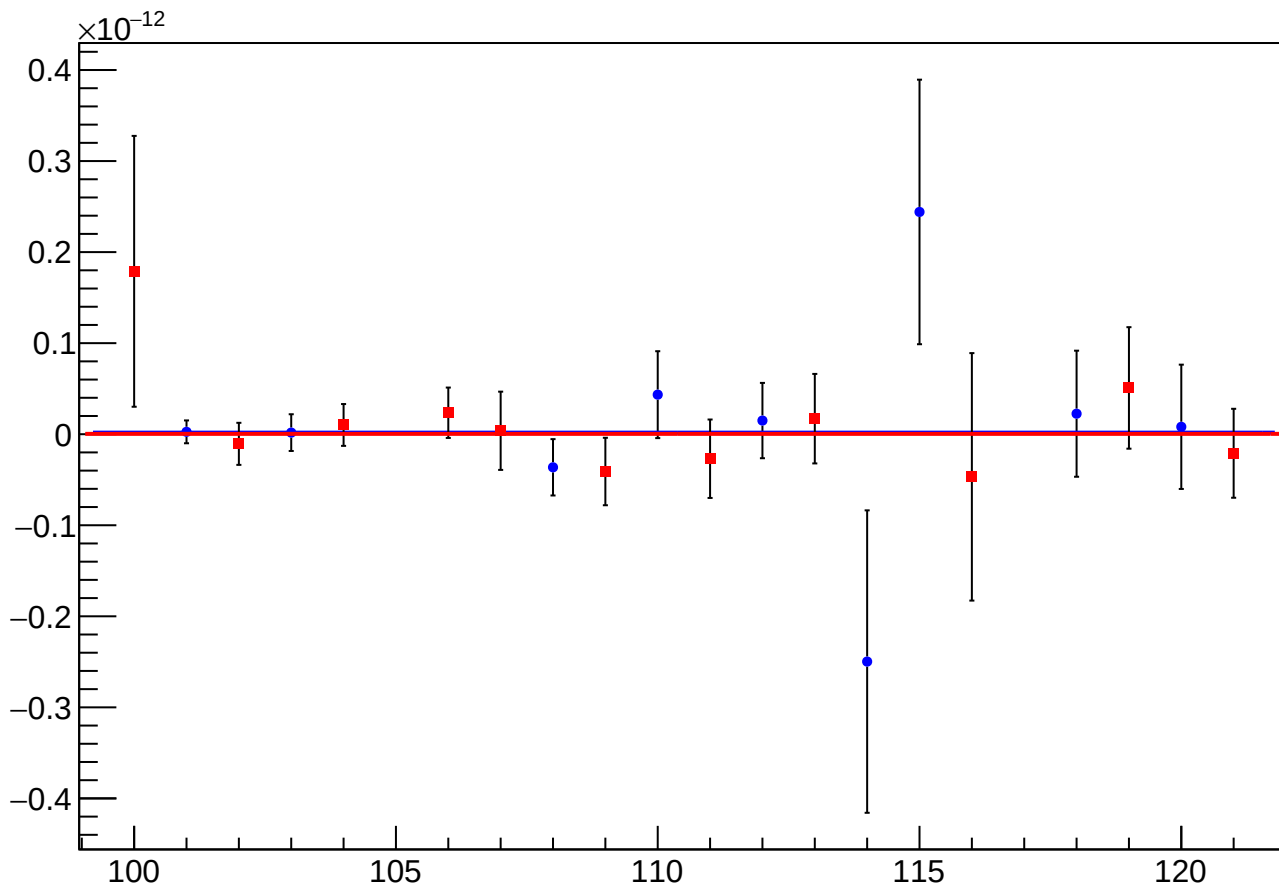
Right: 34.293+/-0.009 χ^2/NDF : 1939493.2/19

In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.293+/-0.009 χ^2/NDF : 1939493.2/19

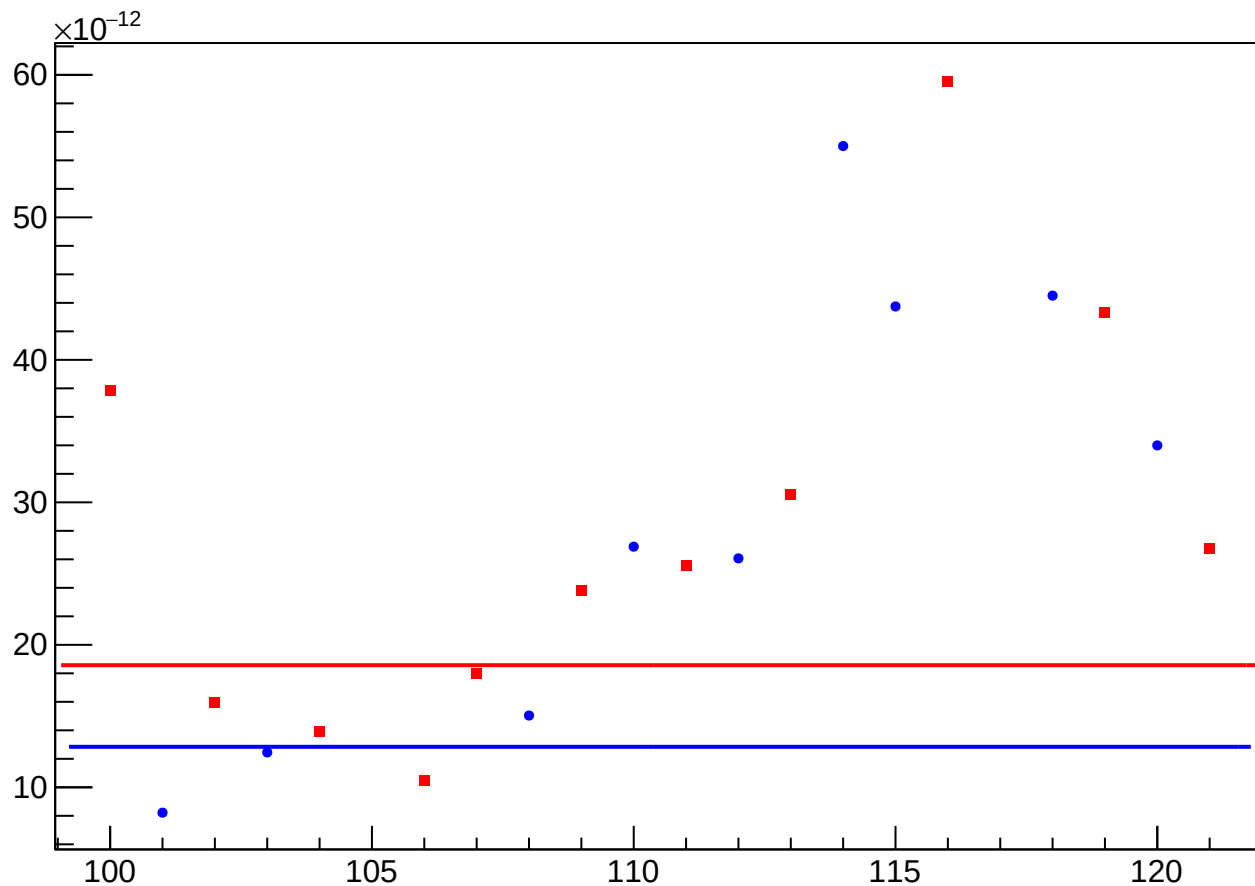
asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 12.8/19
 In: 0.000+/-0.000 χ^2/NDF : 7.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 12.8/19

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1489609.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1037750.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

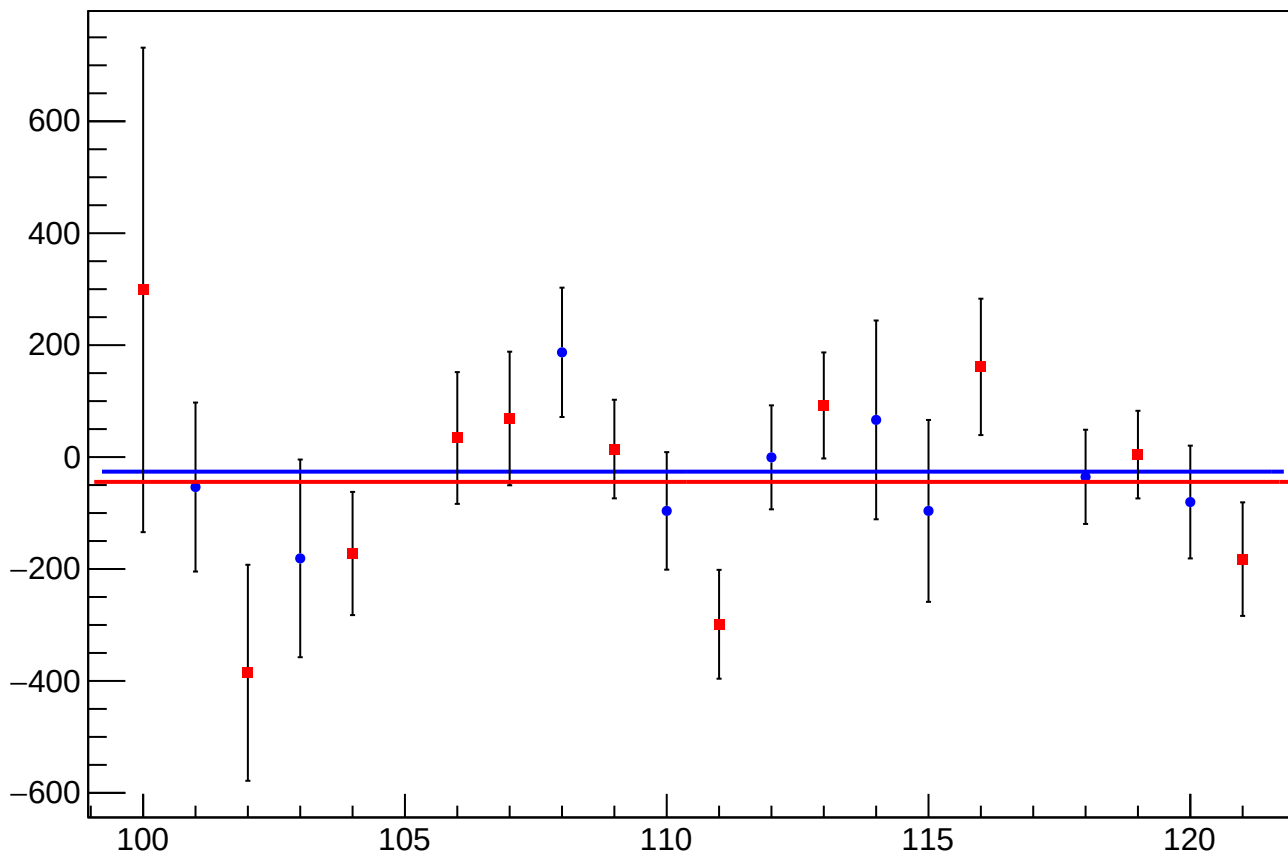
Right: 0.000+/-0.000 χ^2/NDF : 2836562.4/19

In: 0.000+/-0.000 χ^2/NDF : 1489609.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2836562.4/19

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -26.037 ± 38.730 χ^2/NDF : 5.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.341 ± 32.775 χ^2/NDF : 20.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

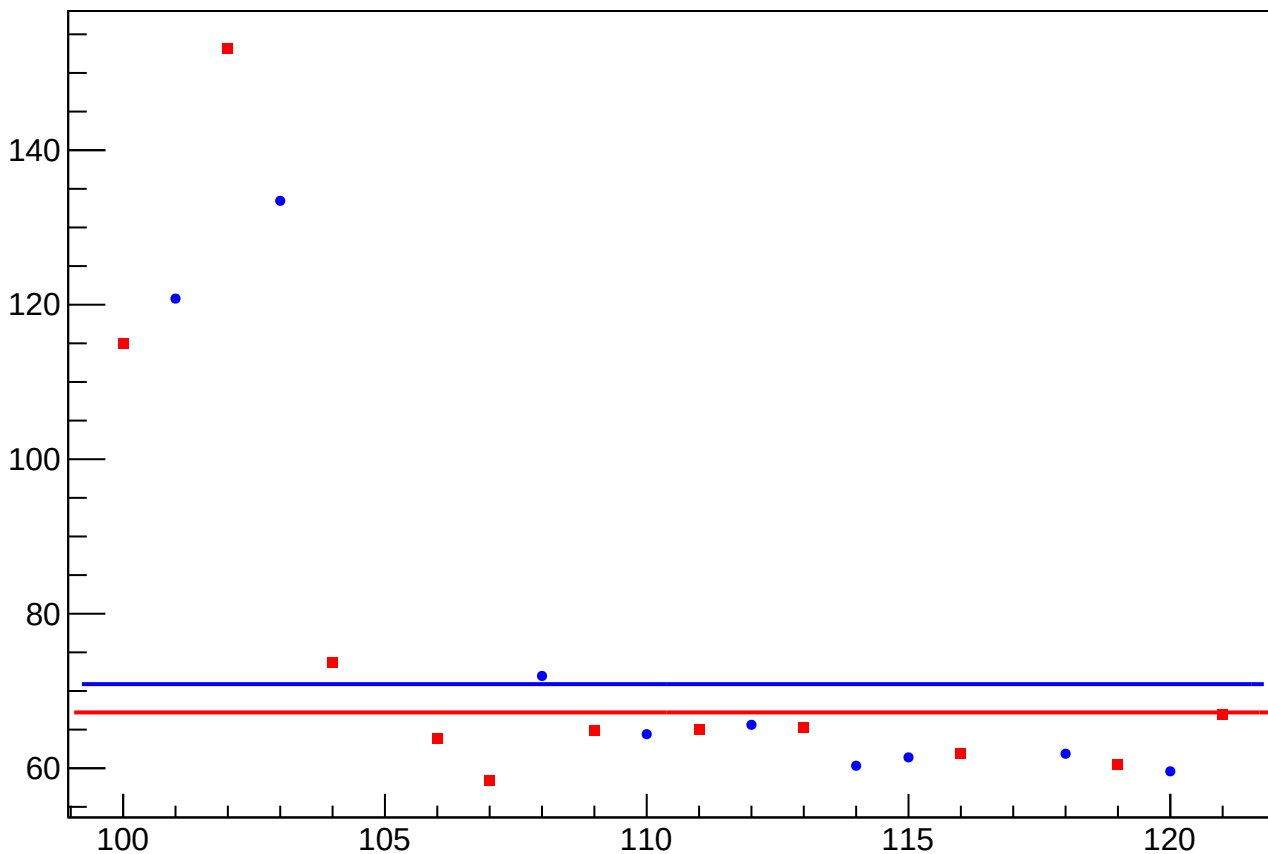
Right: -36.703 ± 25.019 χ^2/NDF : 26.5/19

In: -26.037 ± 38.730 χ^2/NDF : 5.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.703 ± 25.019 χ^2/NDF : 26.5/19

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.885+/-0.027 χ^2/NDF : 545528.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.223+/-0.023 χ^2/NDF : 461897.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

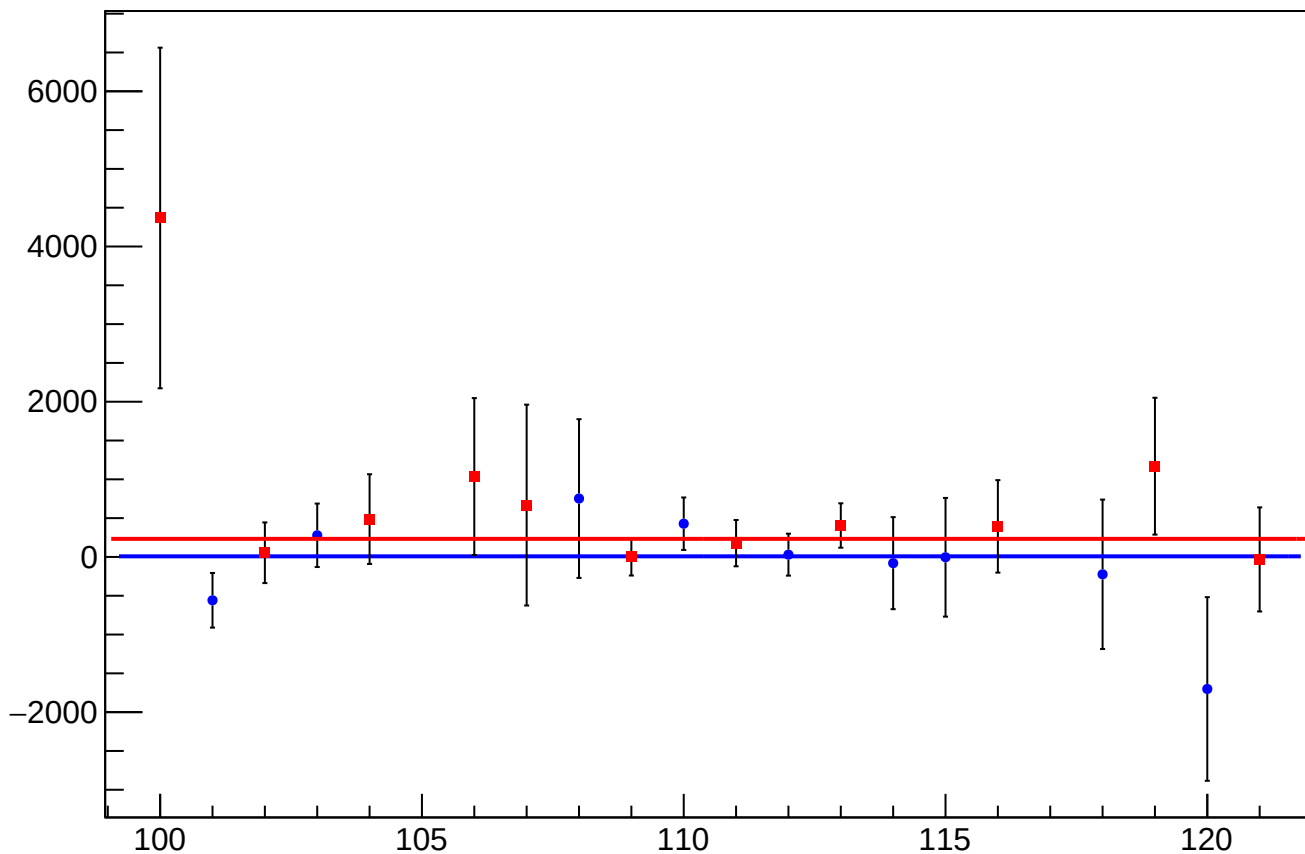
Right: 68.751+/-0.018 χ^2/NDF : 1017844.6/19

In: 70.885+/-0.027 χ^2/NDF : 545528.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.751+/-0.018 χ^2/NDF : 1017844.6/19

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 7.895+/-151.085 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.124+/-130.788 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

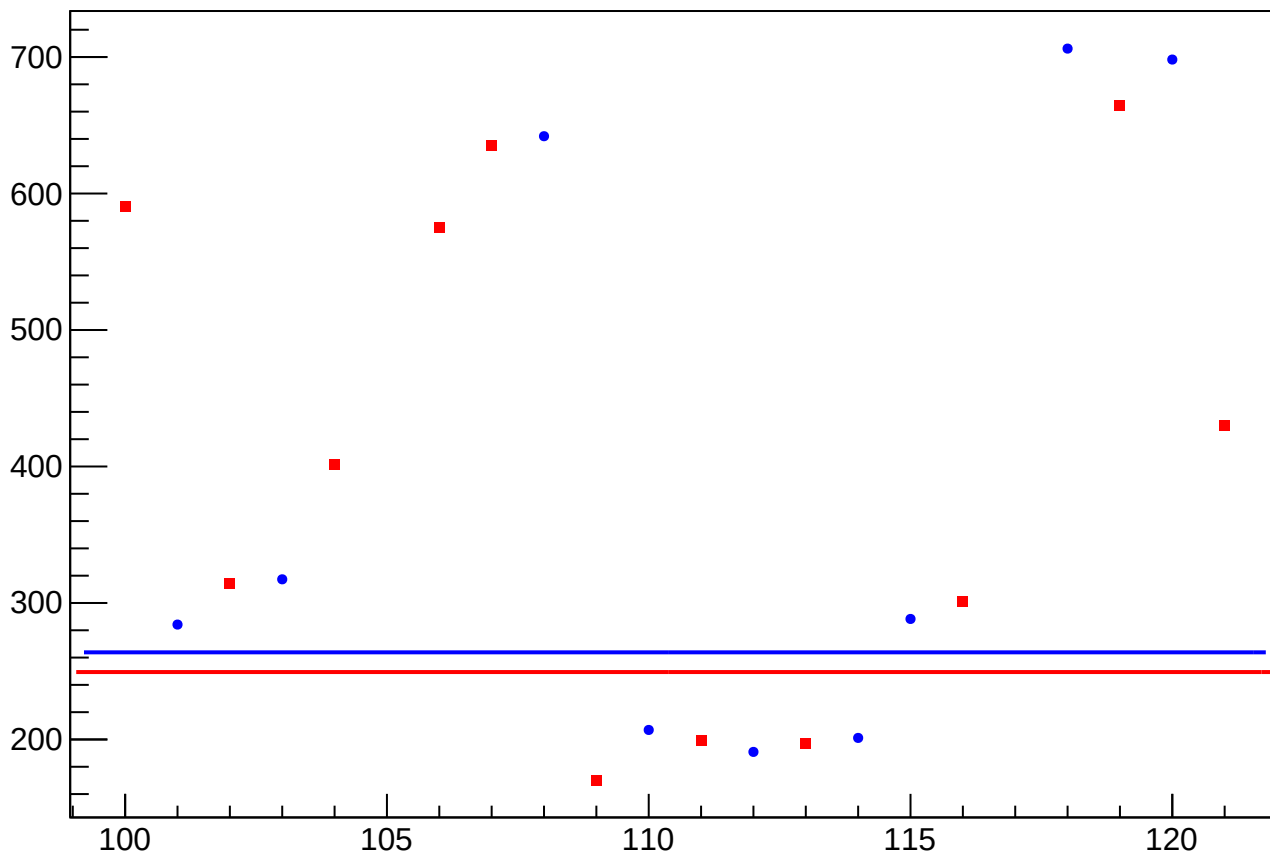
Right: 136.644+/-98.884 χ^2/NDF : 15.9/19

In: 7.895+/-151.085 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.644+/-98.884 χ^2/NDF : 15.9/19

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 263.837+/-0.107 χ^2/NDF : 1233111.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.397+/-0.092 χ^2/NDF : 1573659.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

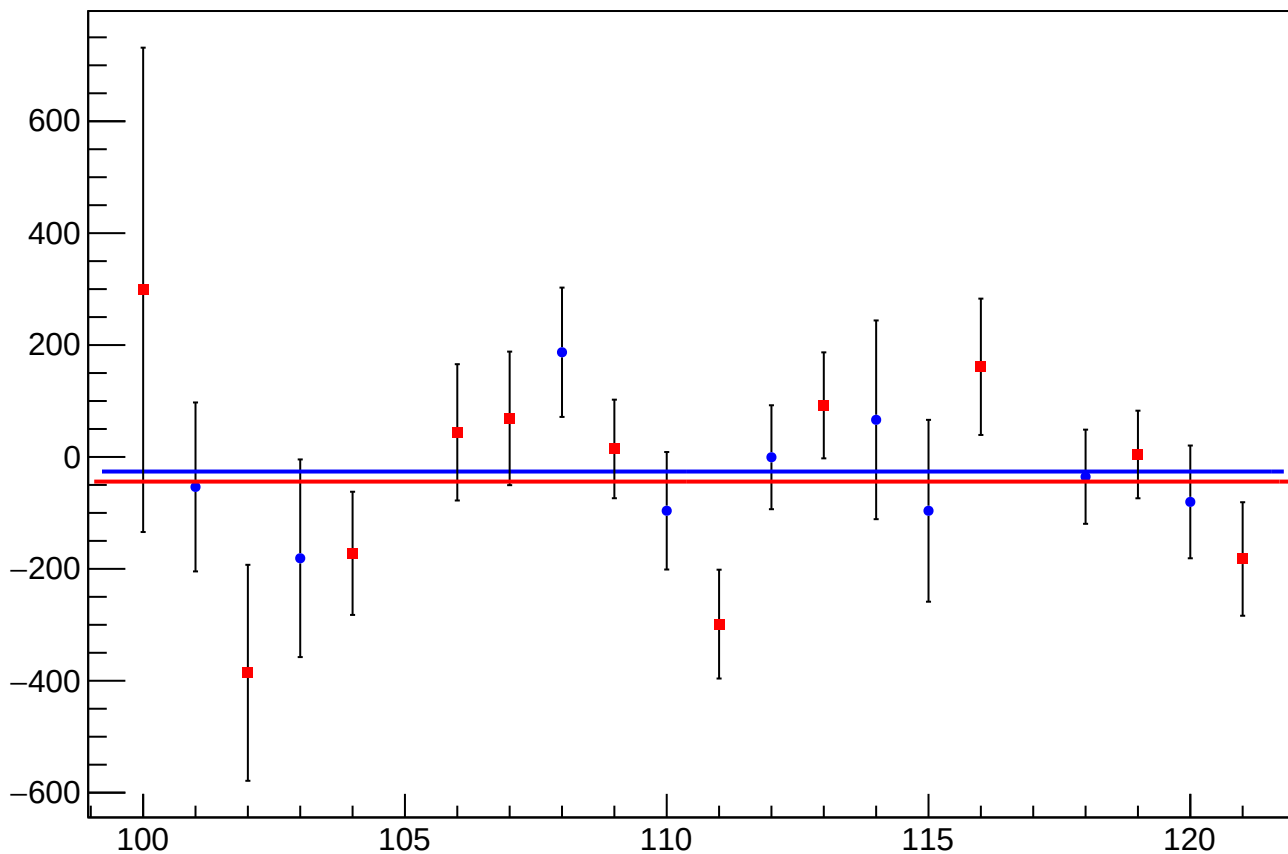
Right: 255.582+/-0.070 χ^2/NDF : 2817215.0/19

In: 263.837+/-0.107 χ^2/NDF : 1233111.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.582+/-0.070 χ^2/NDF : 2817215.0/19

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -26.041 $\pm$ 38.730 χ^2 /NDF: 5.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.024 $\pm$ 32.859 χ^2 /NDF: 21.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

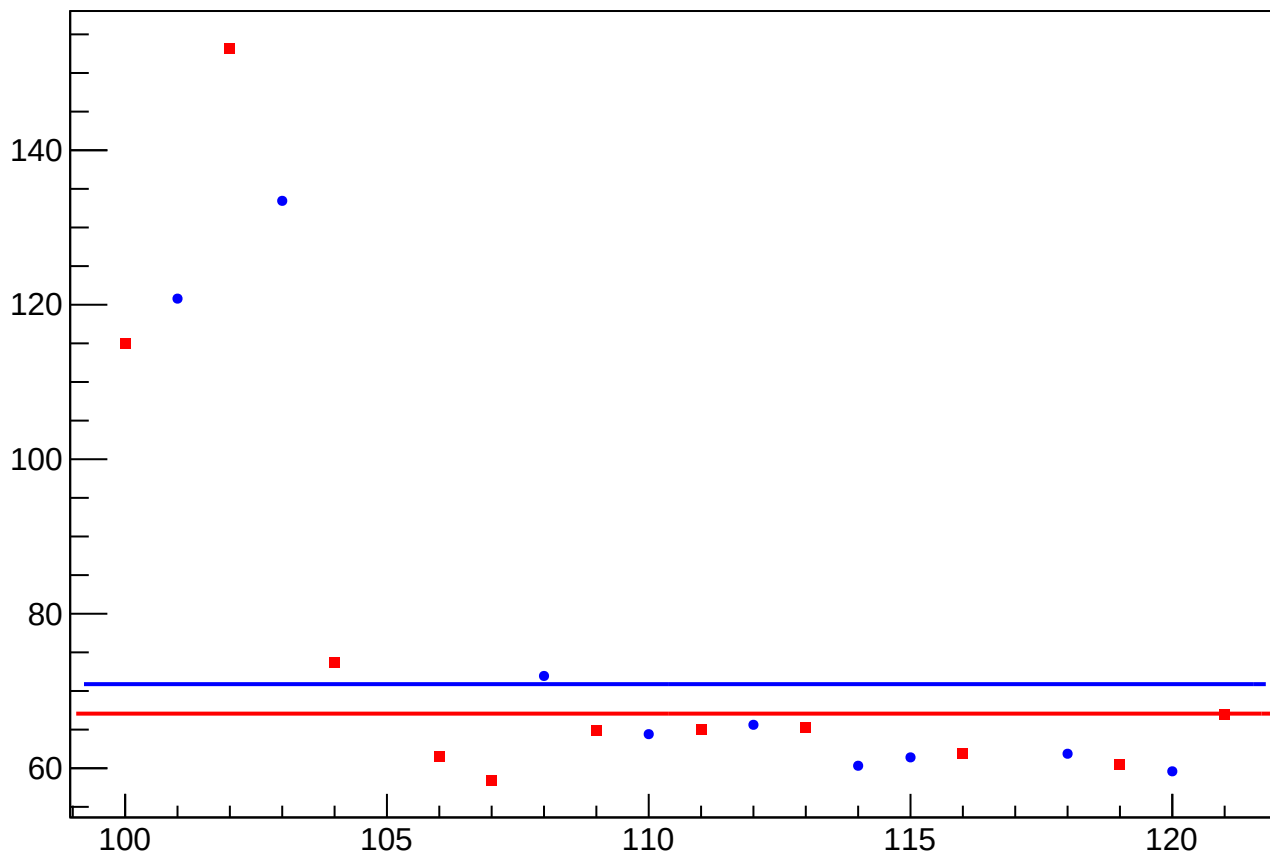
Right: -36.497 $\pm$ 25.056 χ^2 /NDF: 26.6/19

In: -26.041 $\pm$ 38.730 χ^2 /NDF:5.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.497 $\pm$ 25.056 χ^2 /NDF: 26.6/19

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.068+/-0.023 χ^2/NDF : 464631.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

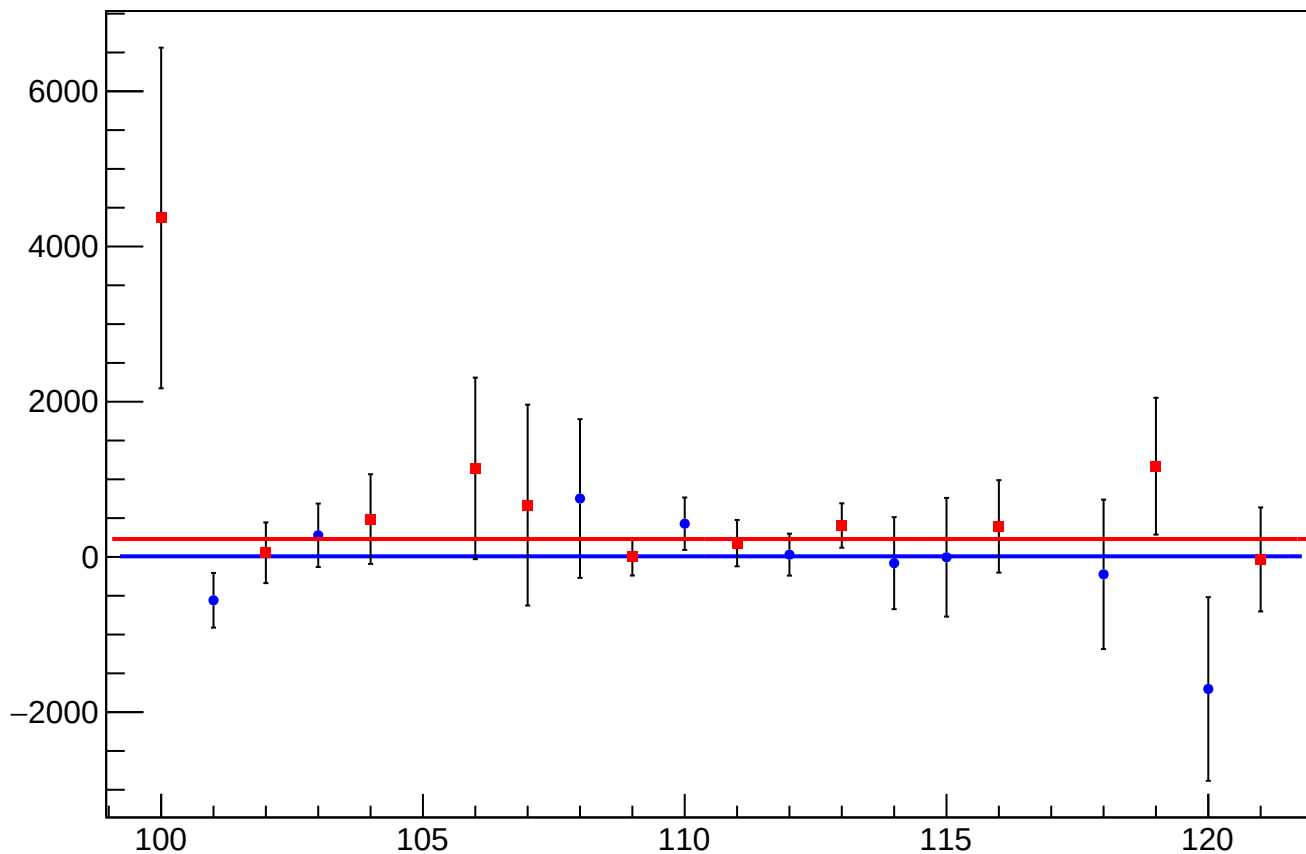
Right: 68.666+/-0.018 χ^2/NDF : 1021454.5/19

In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.666+/-0.018 χ^2/NDF : 1021454.5/19

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.064+/-131.072 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

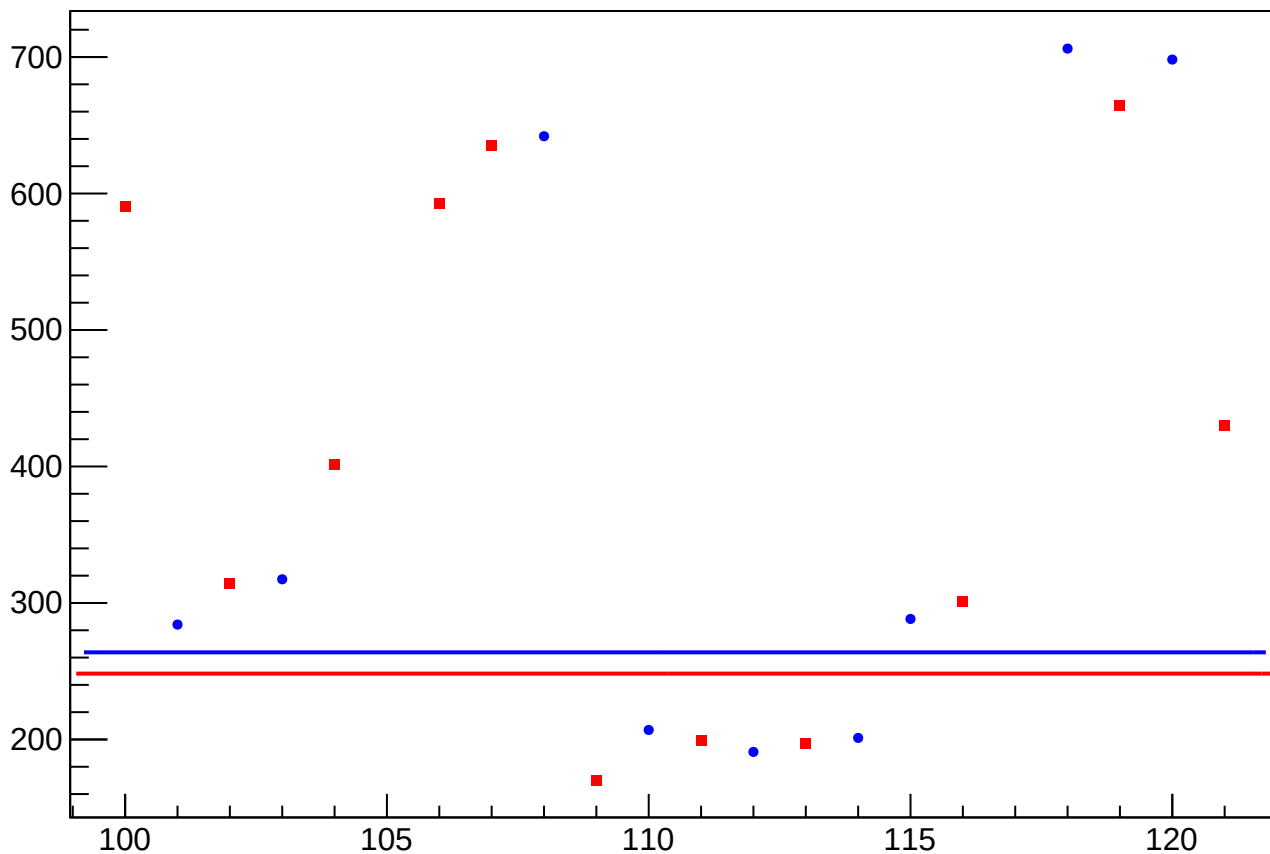
Right: 135.233+/-99.007 χ^2/NDF : 15.9/19

In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.233+/-99.007 χ^2/NDF : 15.9/19

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.251+/-0.093 χ^2/NDF : 1538886.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

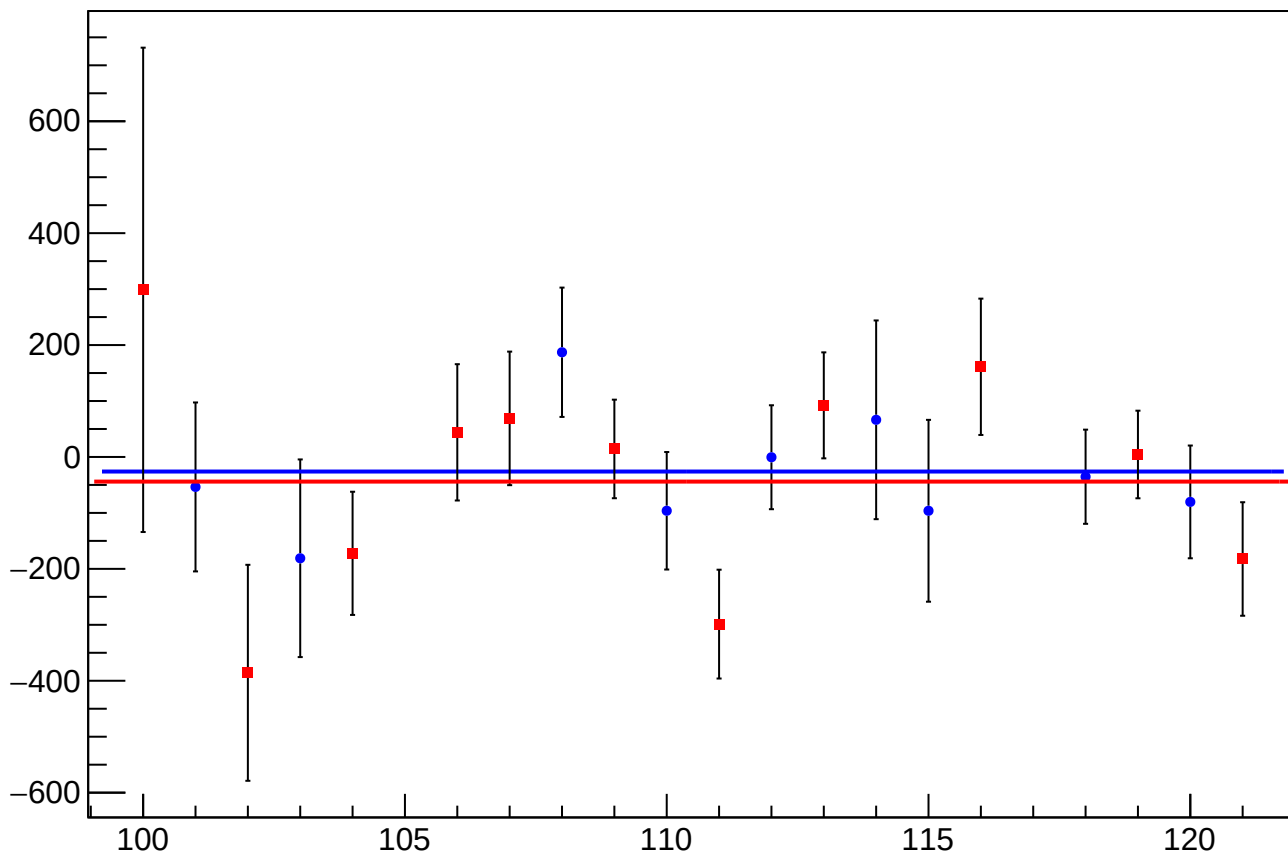
Right: 254.945+/-0.070 χ^2/NDF : 2784167.0/19

In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.945+/-0.070 χ^2/NDF : 2784167.0/19

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -26.041 ± 38.730 χ^2/NDF : 5.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.024 ± 32.859 χ^2/NDF : 21.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

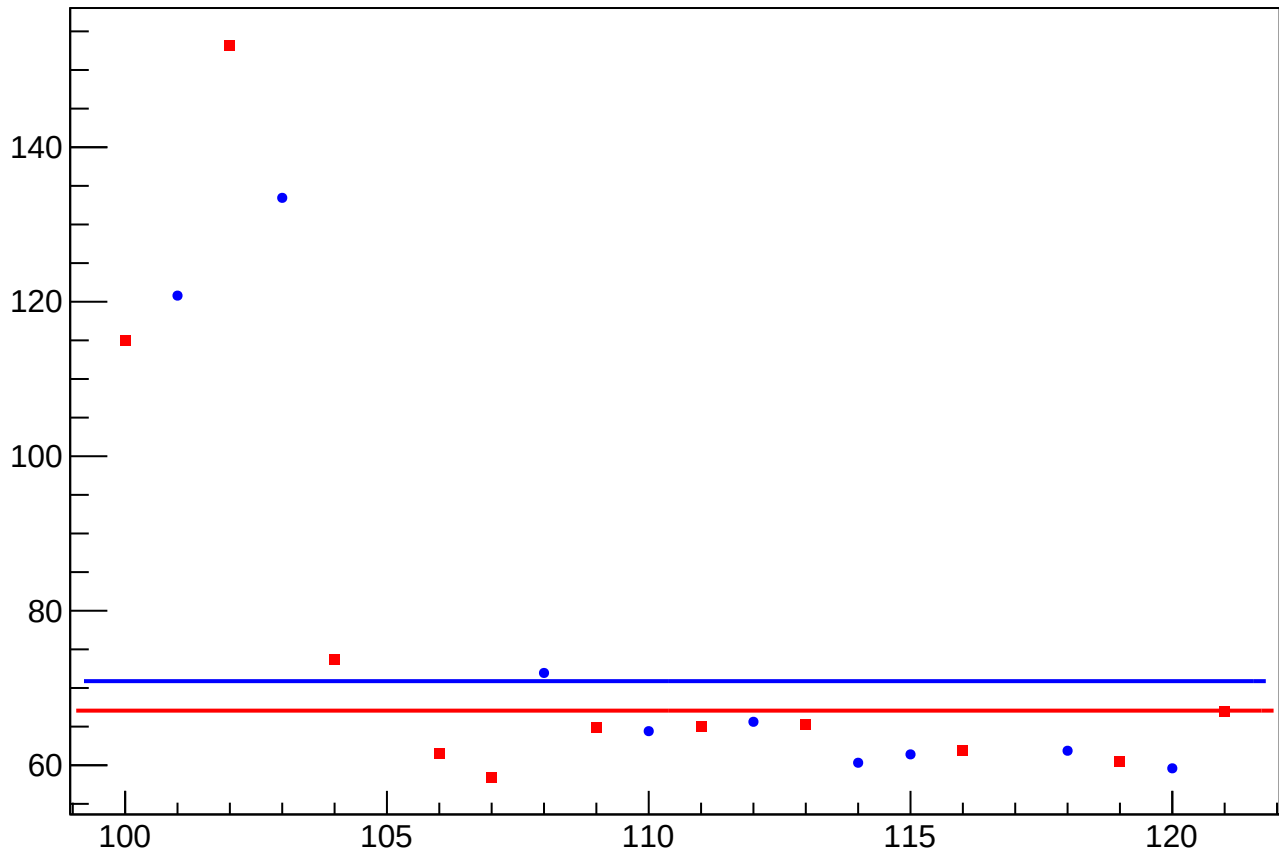
Right: -36.497 ± 25.056 χ^2/NDF : 26.6/19

In: -26.041 ± 38.730 χ^2/NDF : 5.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.497 ± 25.056 χ^2/NDF : 26.6/19

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.068+/-0.023 χ^2/NDF : 464631.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

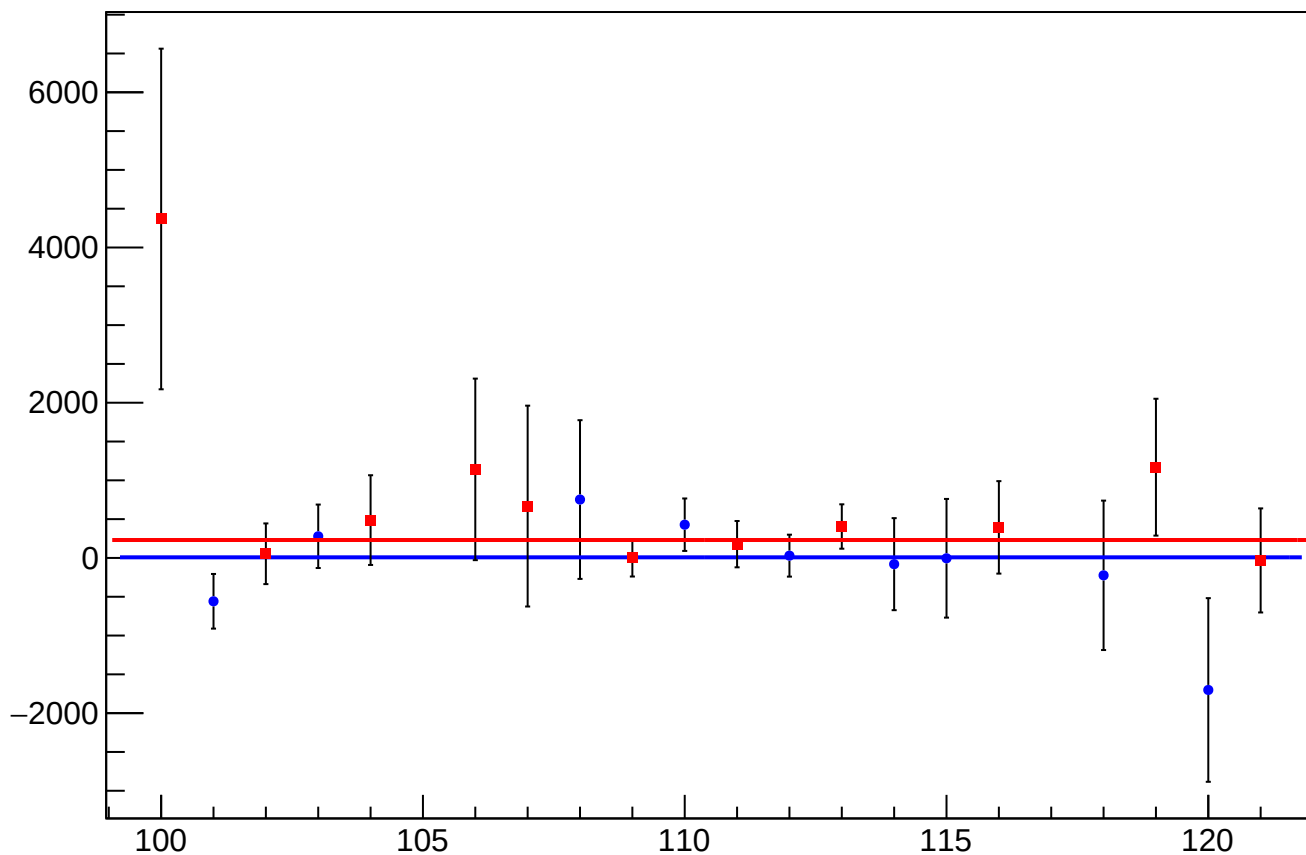
Right: 68.666+/-0.018 χ^2/NDF : 1021454.5/19

In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.666+/-0.018 χ^2/NDF : 1021454.5/19

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.064+/-131.072 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

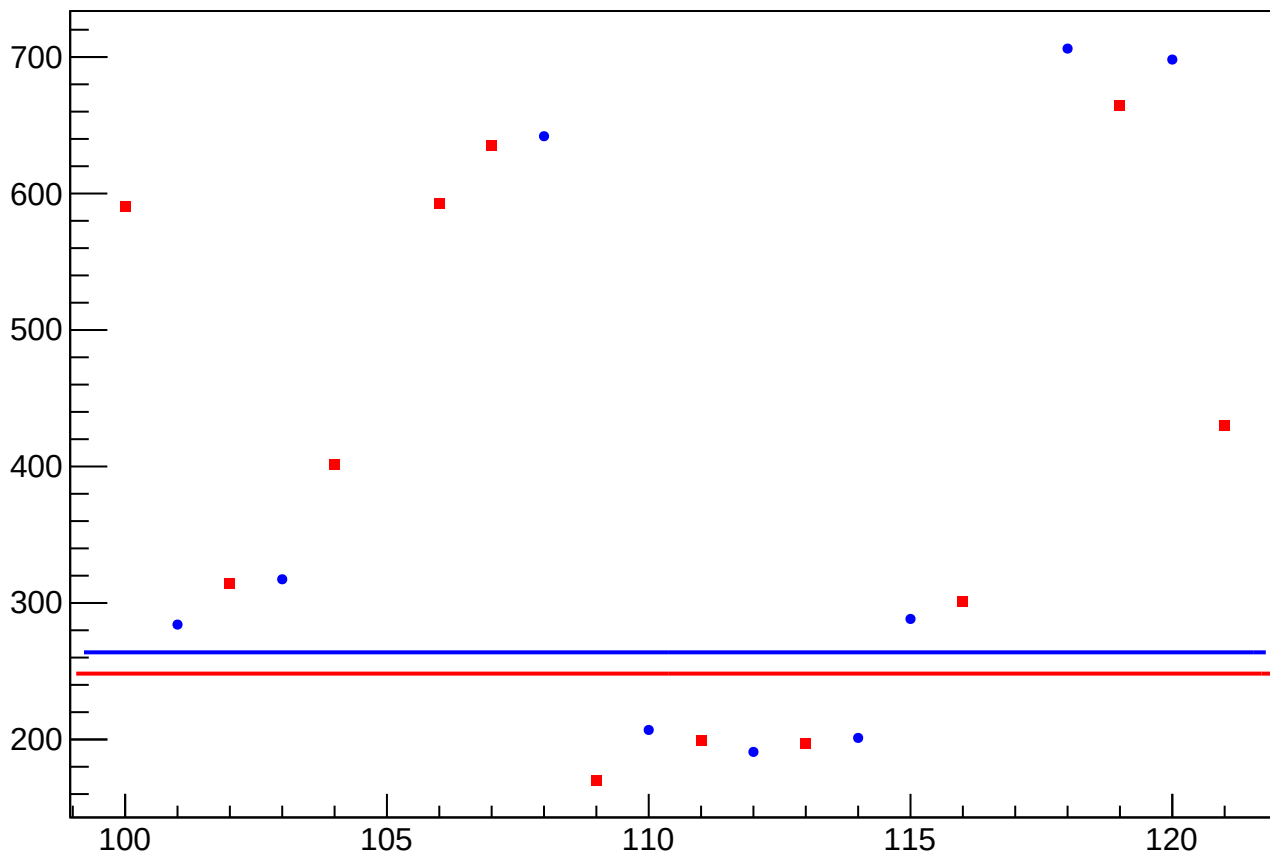
Right: 135.233+/-99.007 χ^2/NDF : 15.9/19

In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.233+/-99.007 χ^2/NDF : 15.9/19

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.251+/-0.093 χ^2/NDF : 1538886.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

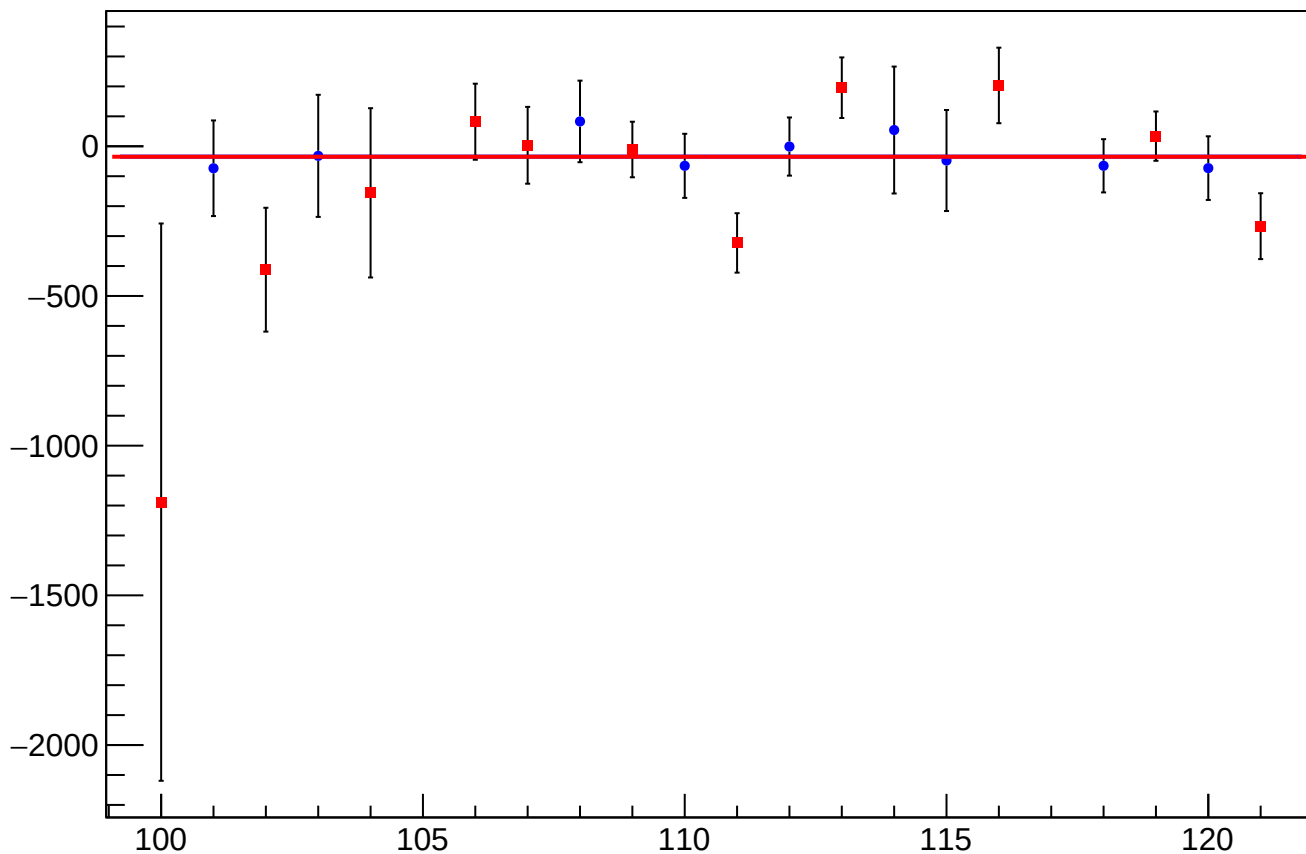
Right: 254.945+/-0.070 χ^2/NDF : 2784167.0/19

In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.945+/-0.070 χ^2/NDF : 2784167.0/19

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -34.569 $\pm$ 41.420 χ^2/NDF : 1.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -34.963 $\pm$ 36.085 χ^2/NDF : 28.4/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

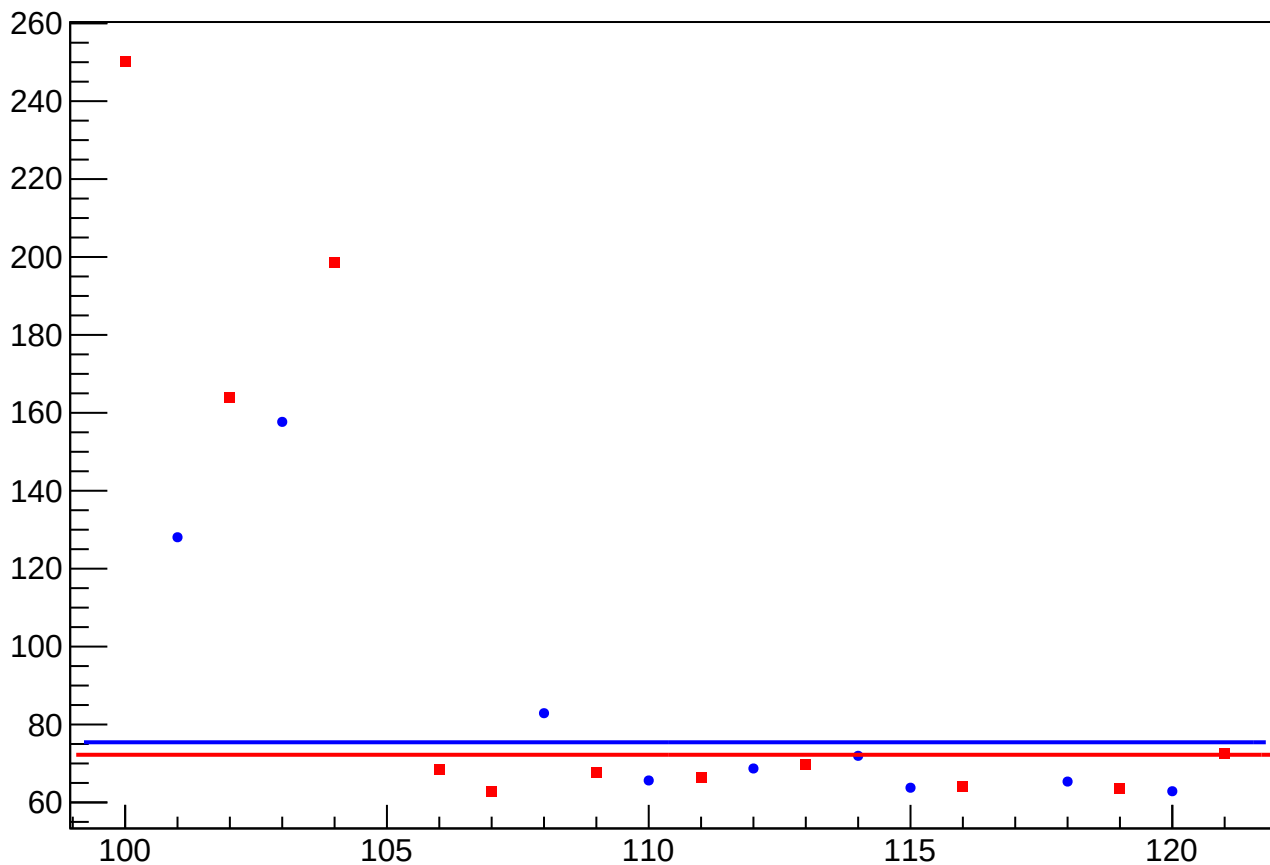
Right: -34.793 $\pm$ 27.208 χ^2/NDF : 29.8/19

In: -34.569 $\pm$ 41.420 χ^2/NDF : 1.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -34.793 $\pm$ 27.208 χ^2/NDF : 29.8/19

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.438+/-0.029 χ^2/NDF : 638545.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.231+/-0.026 χ^2/NDF : 921950.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

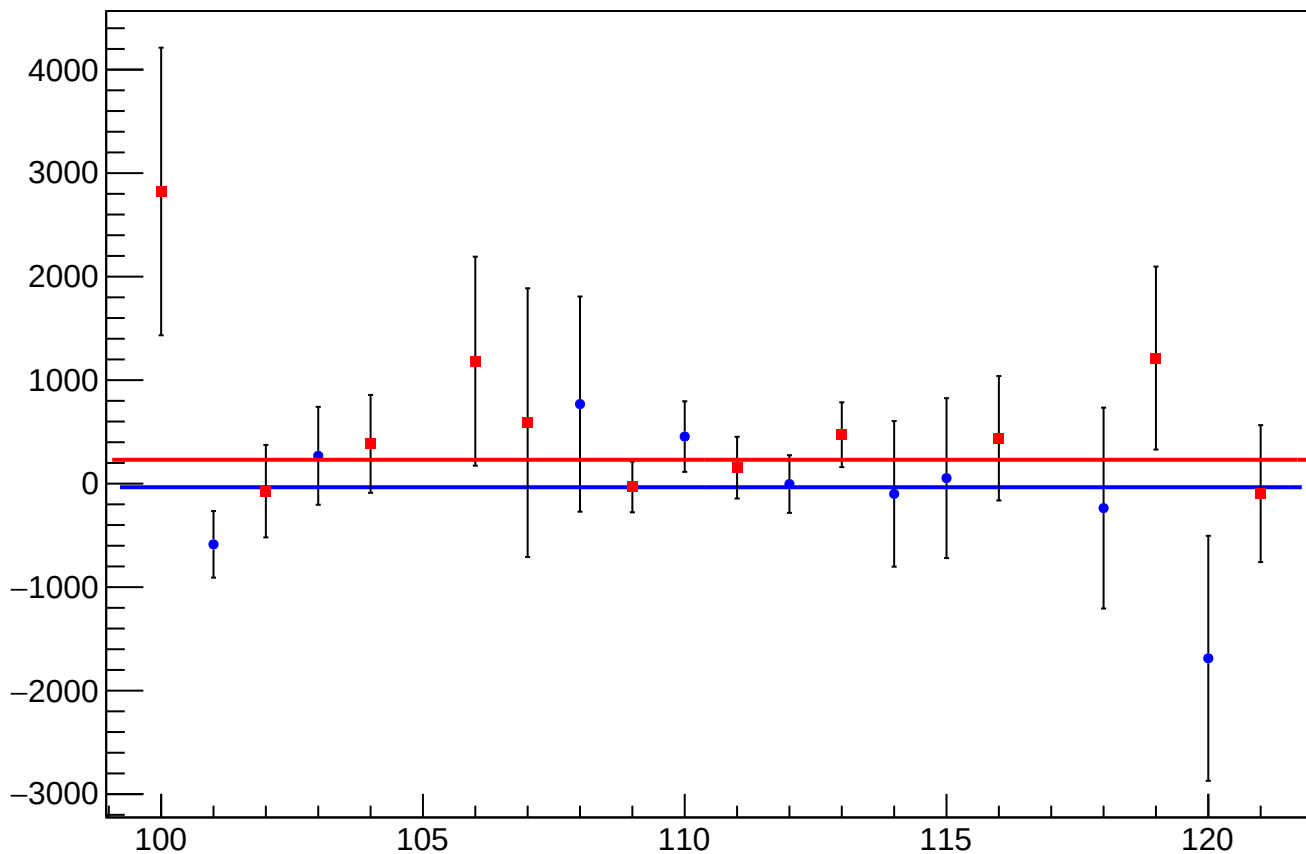
Right: 73.614+/-0.019 χ^2/NDF : 1567312.5/19

In: 75.438+/-0.029 χ^2/NDF : 638545.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.614+/-0.019 χ^2/NDF : 1567312.5/19

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -34.787 ± 154.223 χ^2/NDF : 8.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 230.621 ± 133.694 χ^2/NDF : 8.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

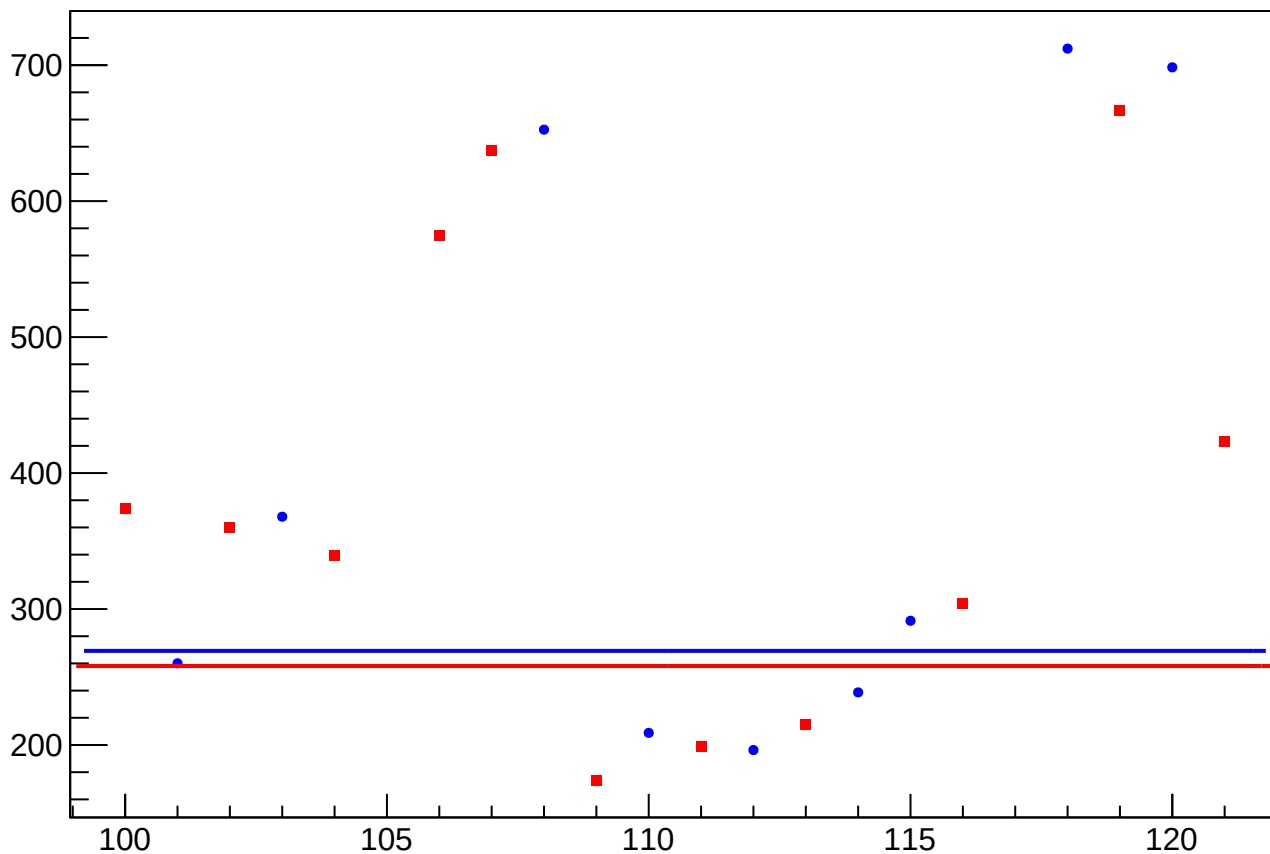
Right: 116.745 ± 101.020 χ^2/NDF : 18.1/19

In: -34.787 ± 154.223 χ^2/NDF : 8.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 116.745 ± 101.020 χ^2/NDF : 18.1/19

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 269.212+/-0.109 χ^2/NDF : 1245697.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.095+/-0.095 χ^2/NDF : 1458718.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

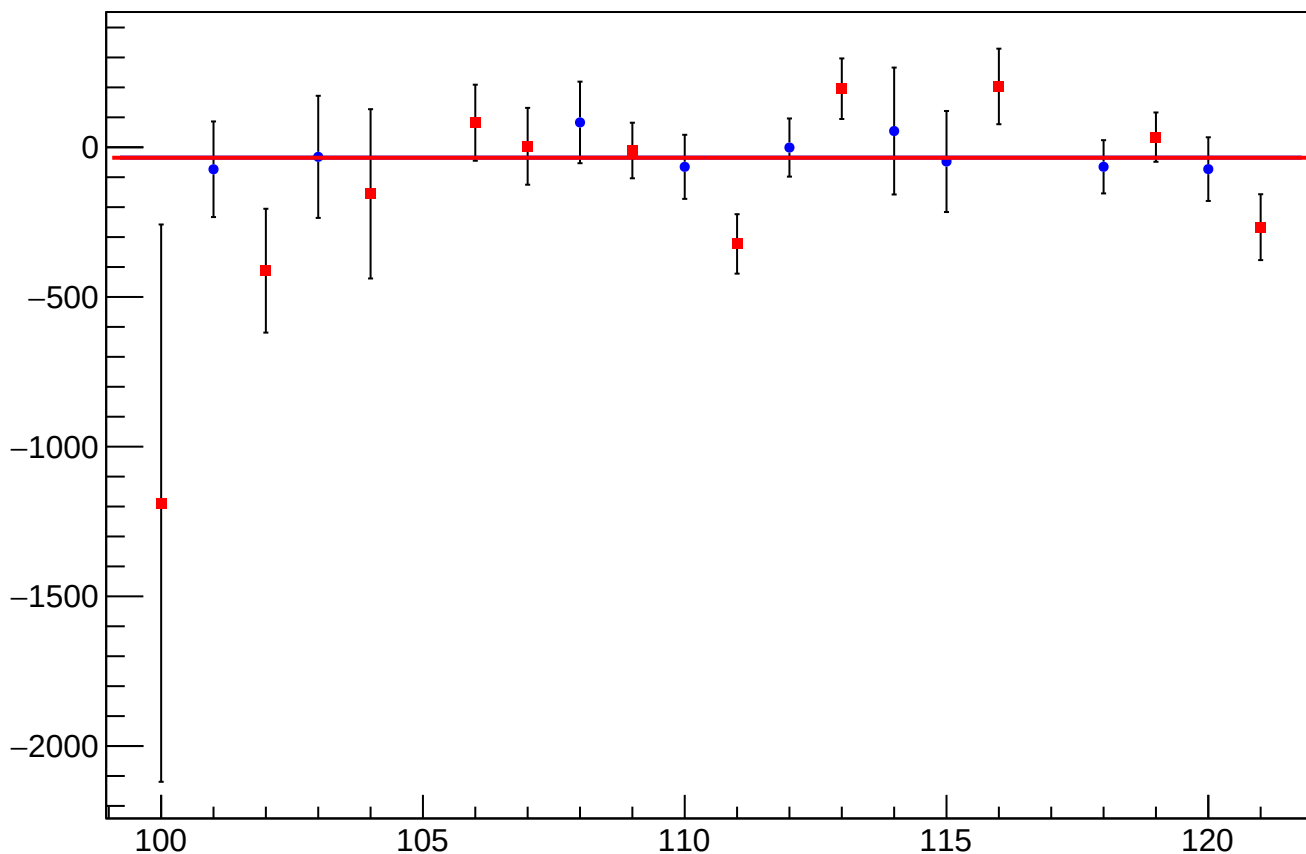
Right: 262.865+/-0.071 χ^2/NDF : 2710349.4/19

In: 269.212+/-0.109 χ^2/NDF : 1245697.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.865+/-0.071 χ^2/NDF : 2710349.4/19

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -34.568+/-41.420 χ^2/NDF : 1.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.964+/-36.085 χ^2/NDF : 28.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

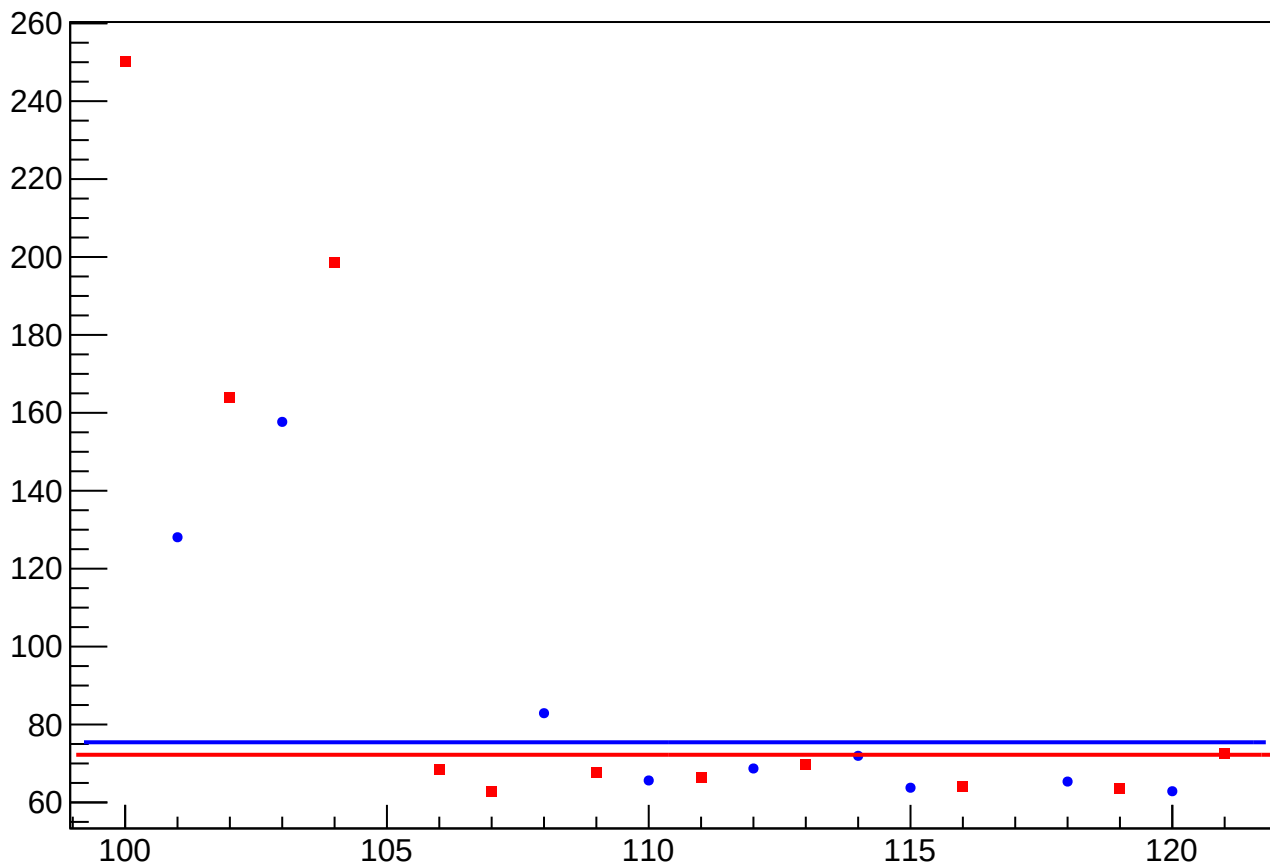
Right: -34.793+/-27.208 χ^2/NDF : 29.8/19

In: -34.568+/-41.420 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.793+/-27.208 χ^2/NDF : 29.8/19

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.437+/-0.029 χ^2/NDF : 638547.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.230+/-0.026 χ^2/NDF : 921950.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

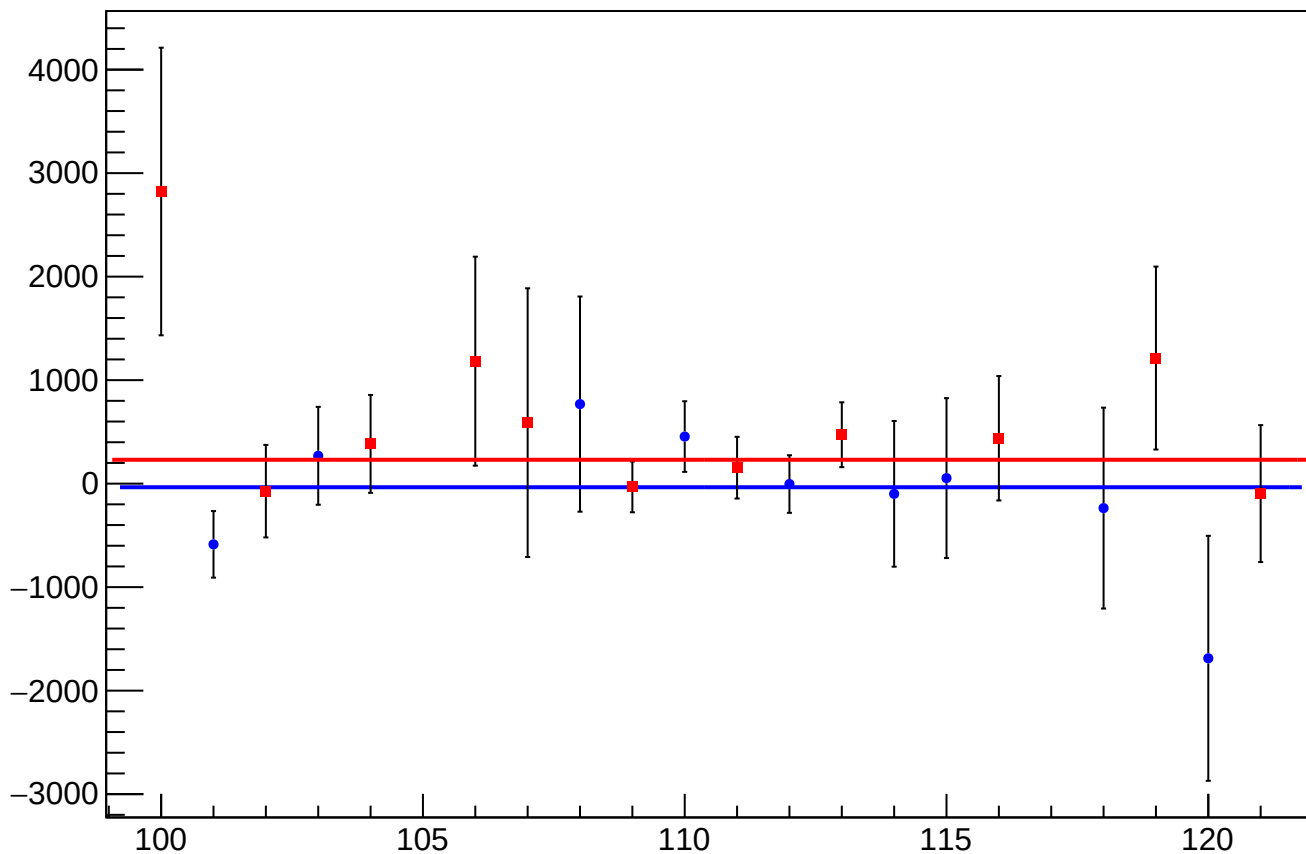
Right: 73.614+/-0.019 χ^2/NDF : 1567314.8/19

In: 75.437+/-0.029 χ^2/NDF : 638547.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.614+/-0.019 χ^2/NDF : 1567314.8/19

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -34.787 $\pm$ 154.222 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 230.620 $\pm$ 133.694 χ^2 /NDF: 8.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

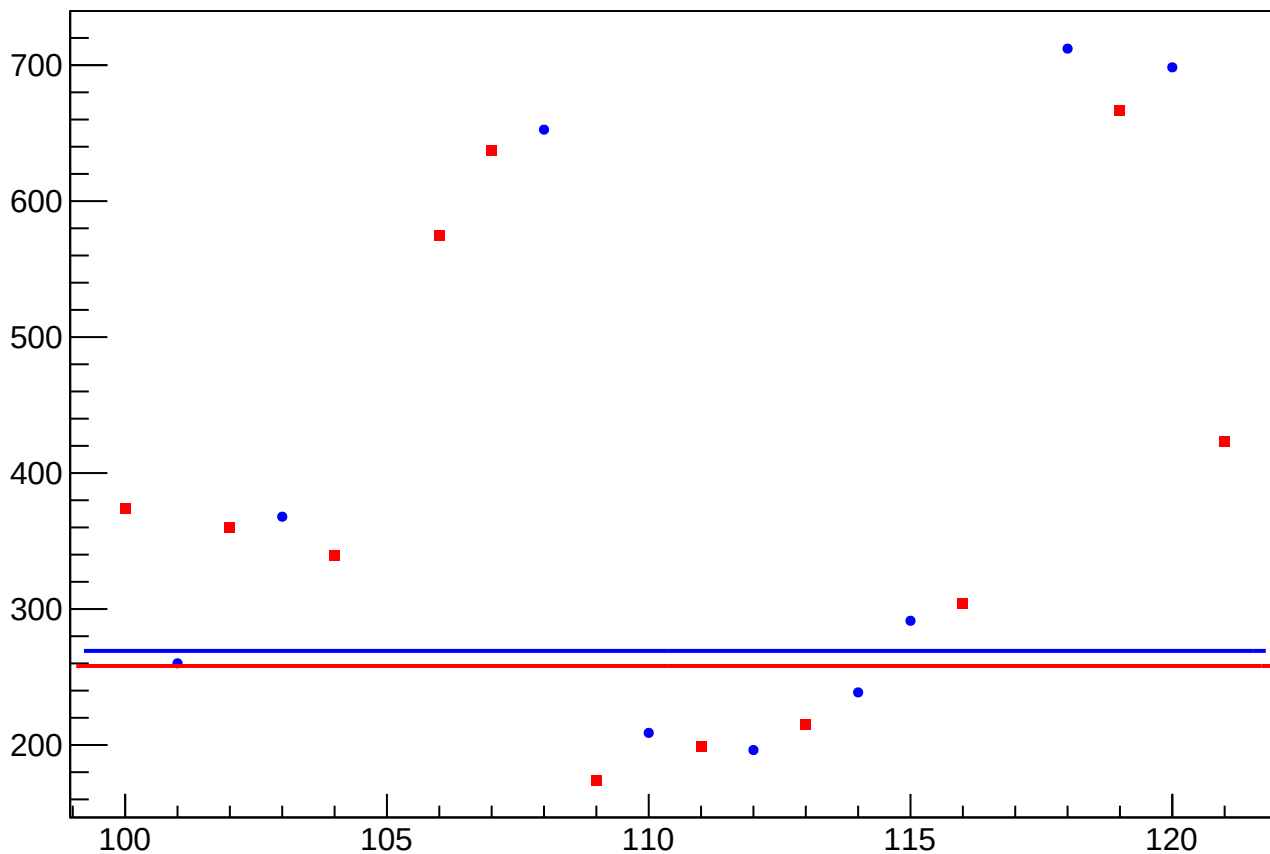
Right: 116.744 $\pm$ 101.019 χ^2 /NDF: 18.1/19

In: -34.787 $\pm$ 154.222 χ^2 /NDF:8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.744 $\pm$ 101.019 χ^2 /NDF: 18.1/19

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 269.210+/-0.109 χ^2/NDF : 1245713.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.094+/-0.095 χ^2/NDF : 1458724.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

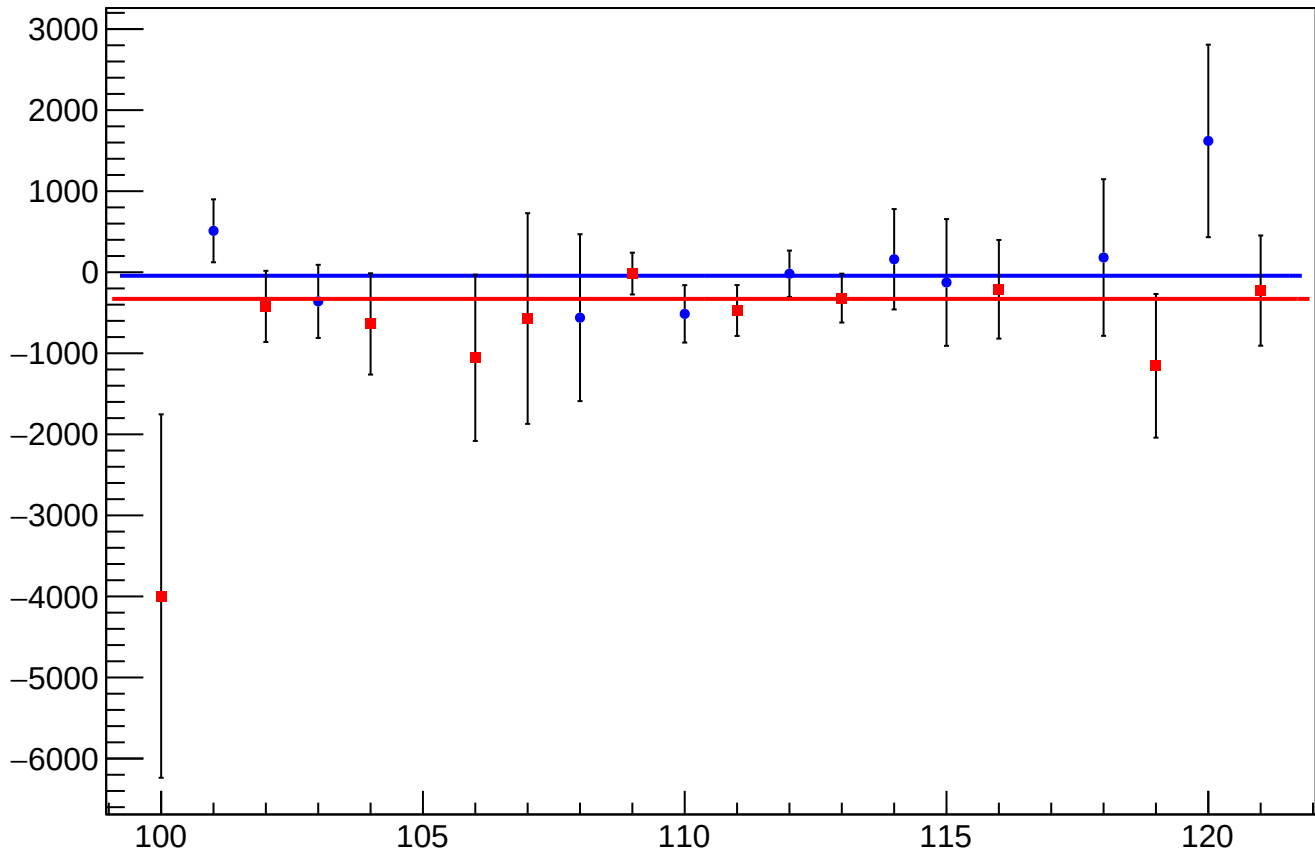
Right: 262.863+/-0.071 χ^2/NDF : 2710370.0/19

In: 269.210+/-0.109 χ^2/NDF : 1245713.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.863+/-0.071 χ^2/NDF : 2710370.0/19

asym_sam7_mean vs Slug, Sign Corrected



Right In: -43.358+/-160.734 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.727+/-138.919 χ^2/NDF : 6.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

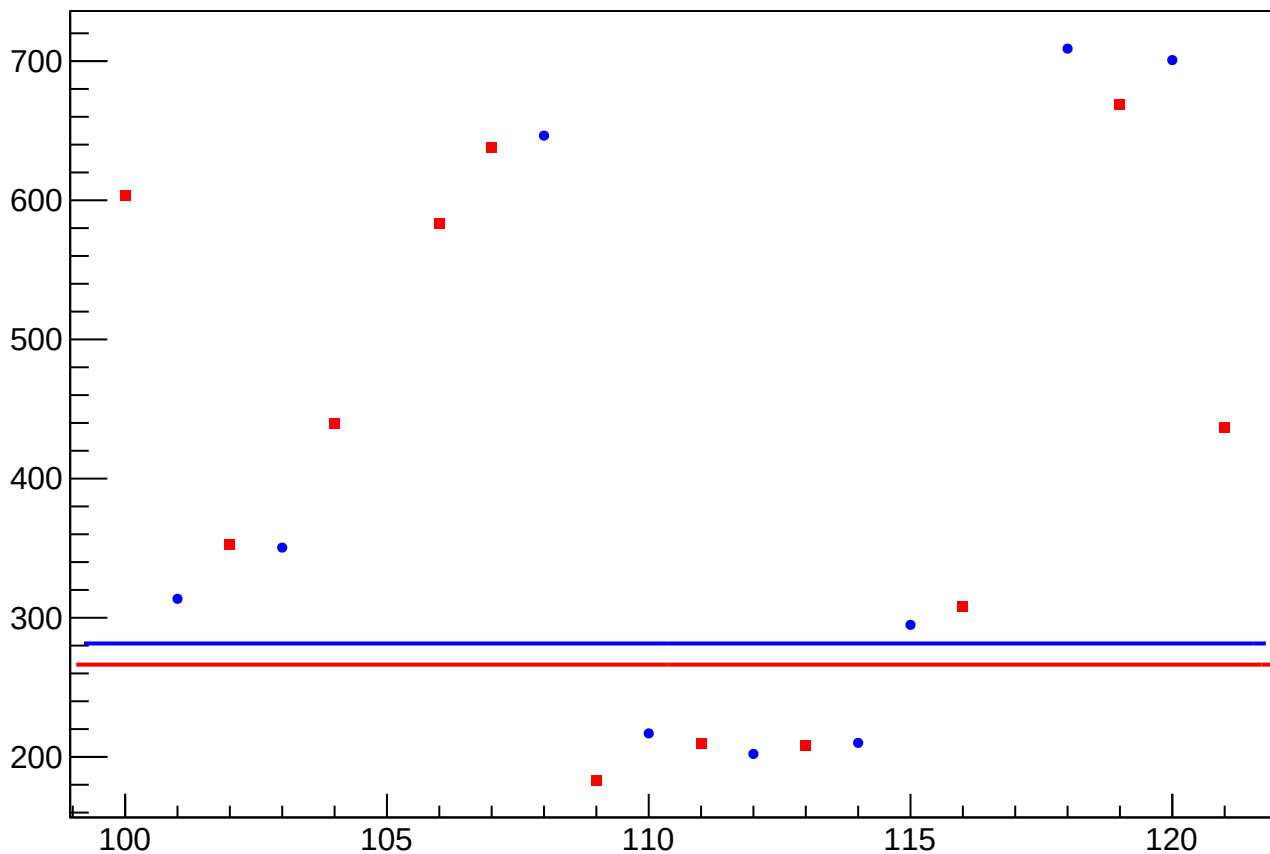
Right: -206.708+/-105.104 χ^2/NDF : 14.6/19

In: -43.358+/-160.734 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.708+/-105.104 χ^2/NDF : 14.6/19

asym_sam7_rms vs Slug, Sign Corrected



Right In: 281.525+/-0.114 χ^2/NDF : 1199927.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.325+/-0.098 χ^2/NDF : 1525788.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

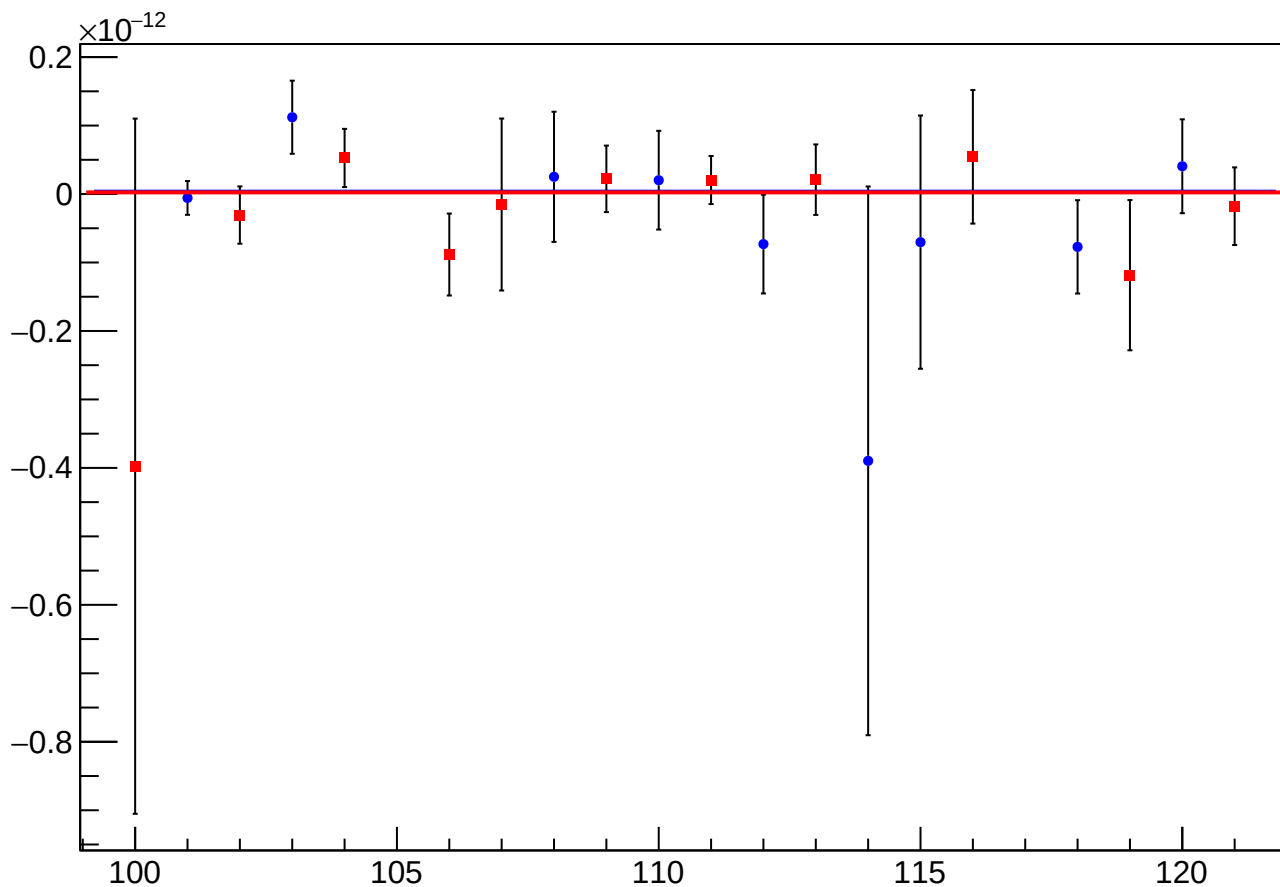
Right: 272.824+/-0.074 χ^2/NDF : 2735952.4/19

In: 281.525+/-0.114 χ^2/NDF : 1199927.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.824+/-0.074 χ^2/NDF : 2735952.4/19

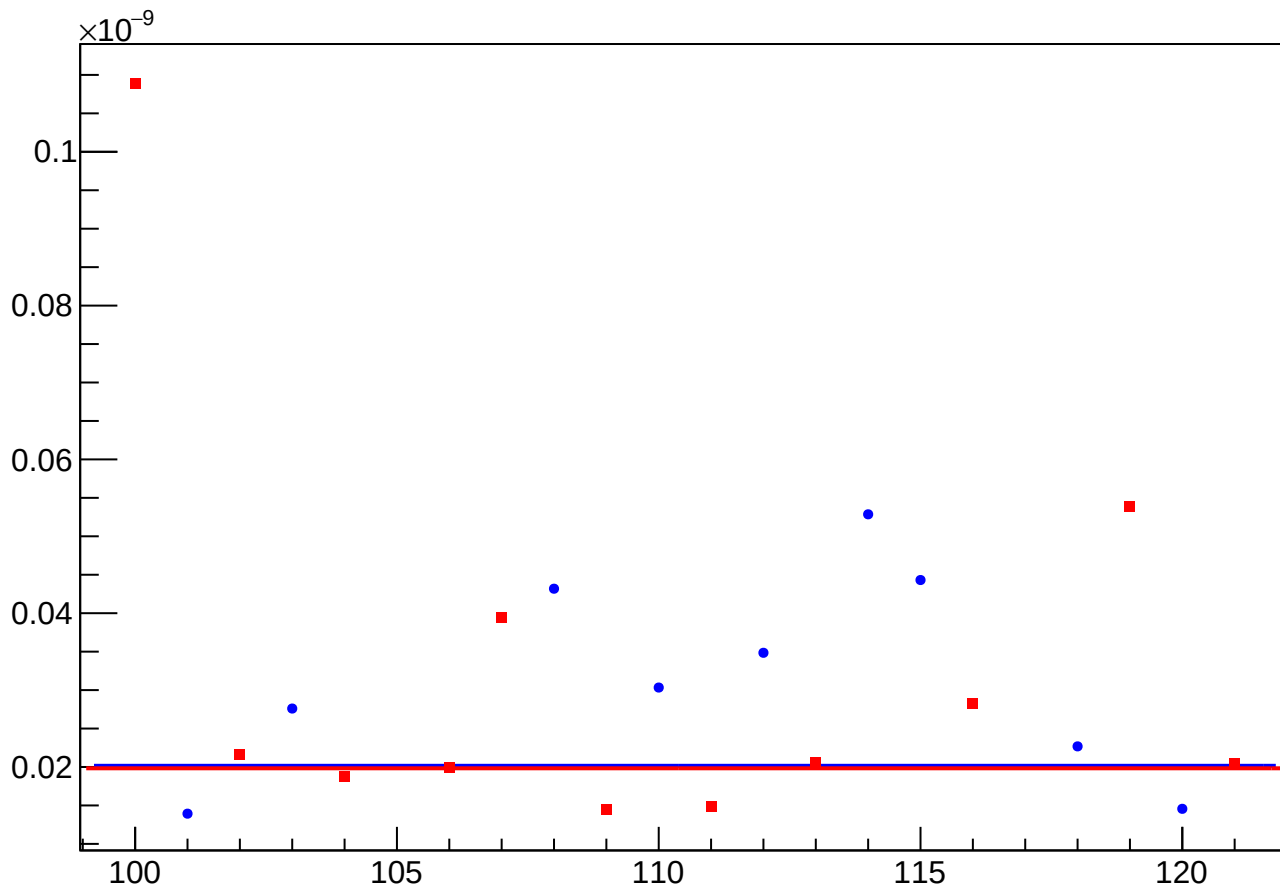
asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 15.5/19
 In: 0.000+/-0.000 χ^2/NDF : 8.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 15.5/19

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 469763.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386959.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

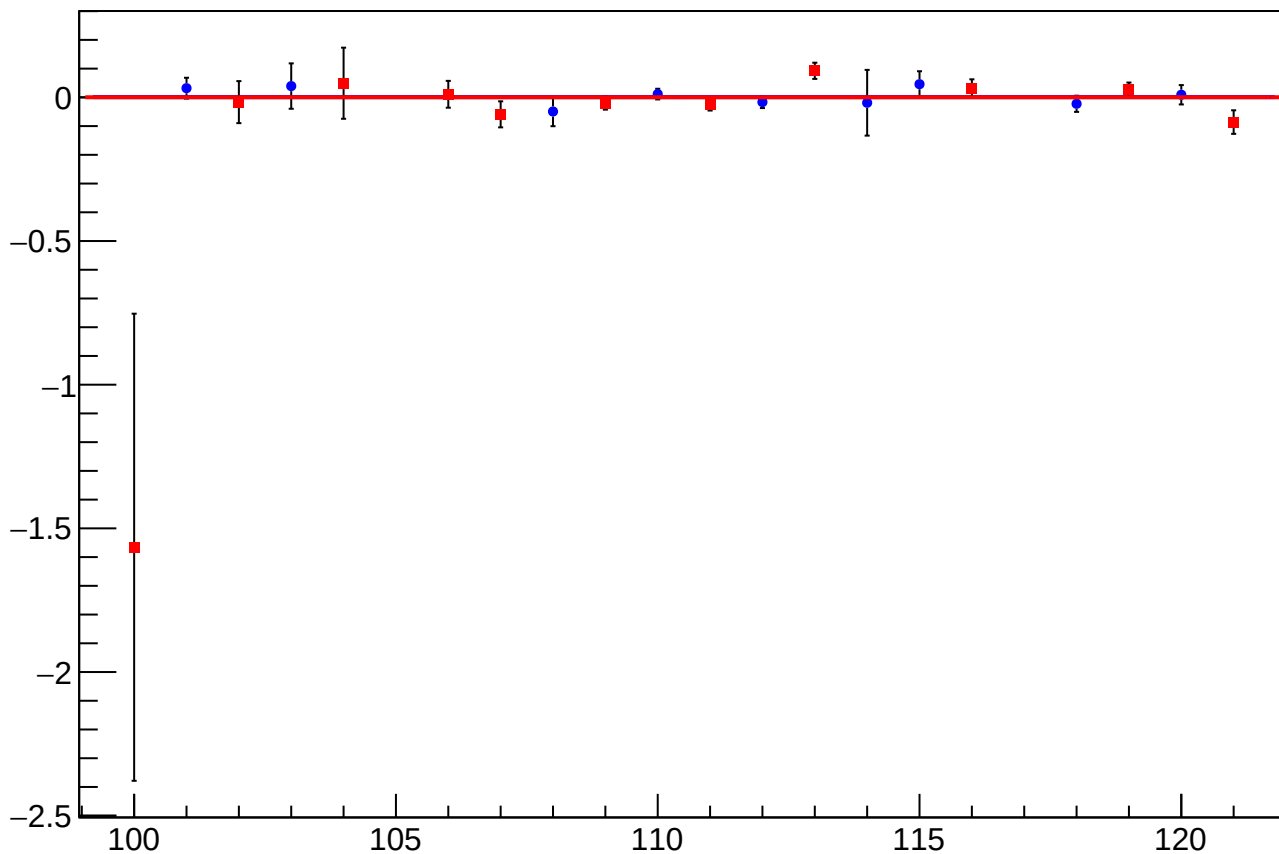
Right: 0.000+/-0.000 χ^2/NDF : 857063.6/19

In: 0.000+/-0.000 χ^2/NDF : 469763.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 857063.6/19

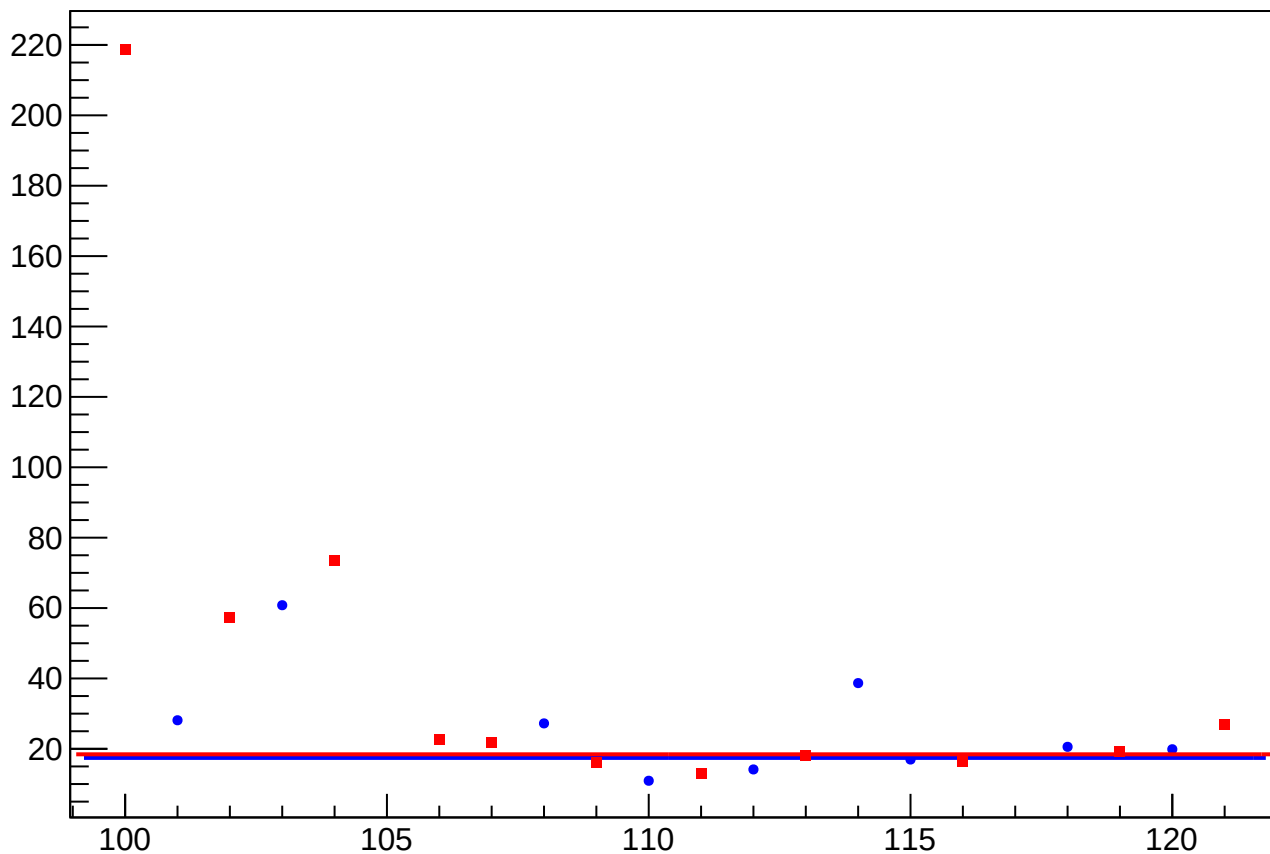
asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.010 χ^2 /NDF: 4.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 25.4/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.1/19
 In: 0.001 $\pm$ 0.010 χ^2 /NDF:4.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.1/19

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.445+/-0.007 χ^2/NDF : 1381493.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

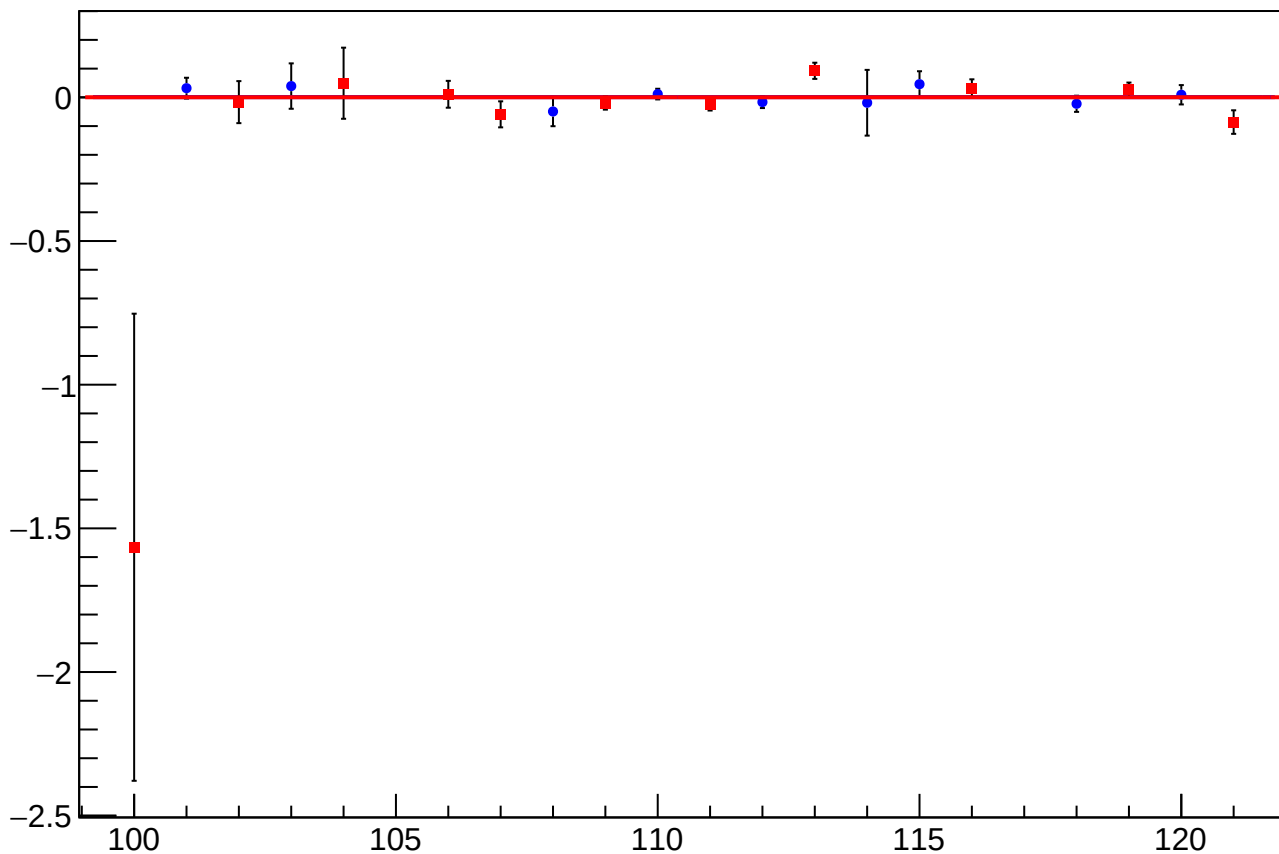
Right: 17.959+/-0.005 χ^2/NDF : 2640183.2/19

In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.959+/-0.005 χ^2/NDF : 2640183.2/19

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.010 χ^2/NDF : 25.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

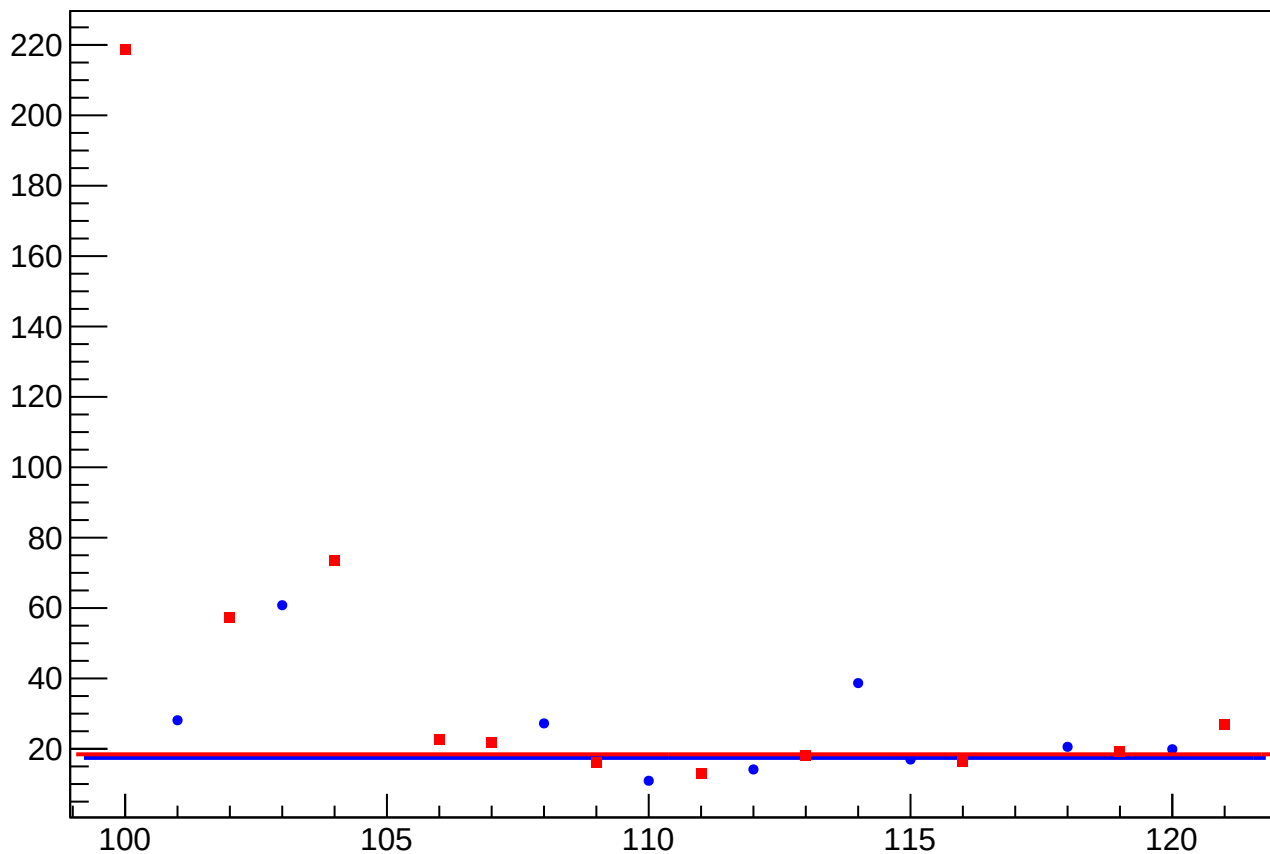
Right: 0.001+/-0.007 χ^2/NDF : 30.1/19

In: 0.001+/-0.010 χ^2/NDF :4.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.007 χ^2/NDF : 30.1/19

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.445+/-0.007 χ^2/NDF : 1381493.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

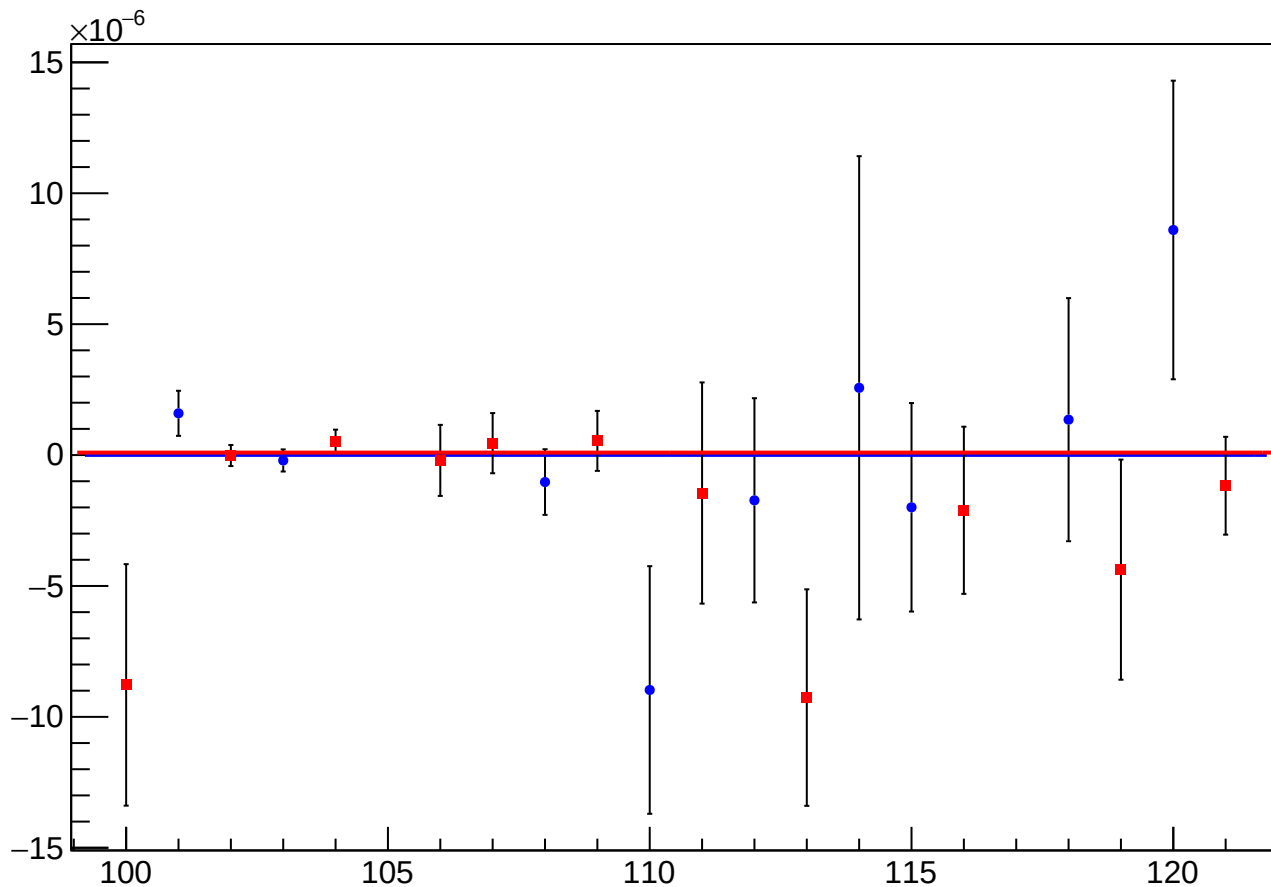
Right: 17.959+/-0.005 χ^2/NDF : 2640183.2/19

In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.959+/-0.005 χ^2/NDF : 2640183.2/19

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

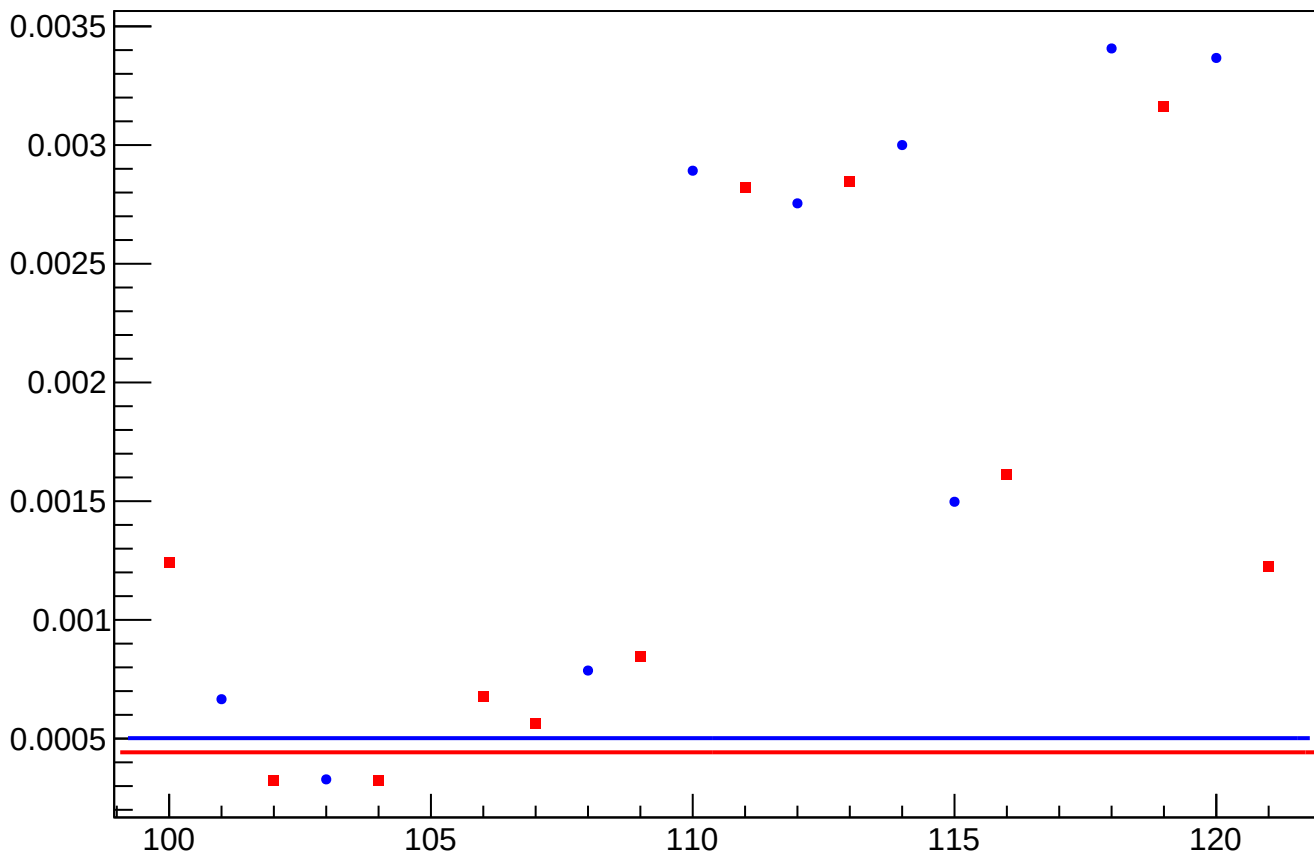
Right: 0.000+/-0.000 χ^2/NDF : 23.2/19

In: 0.000+/-0.000 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/19

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3265041.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3471483.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

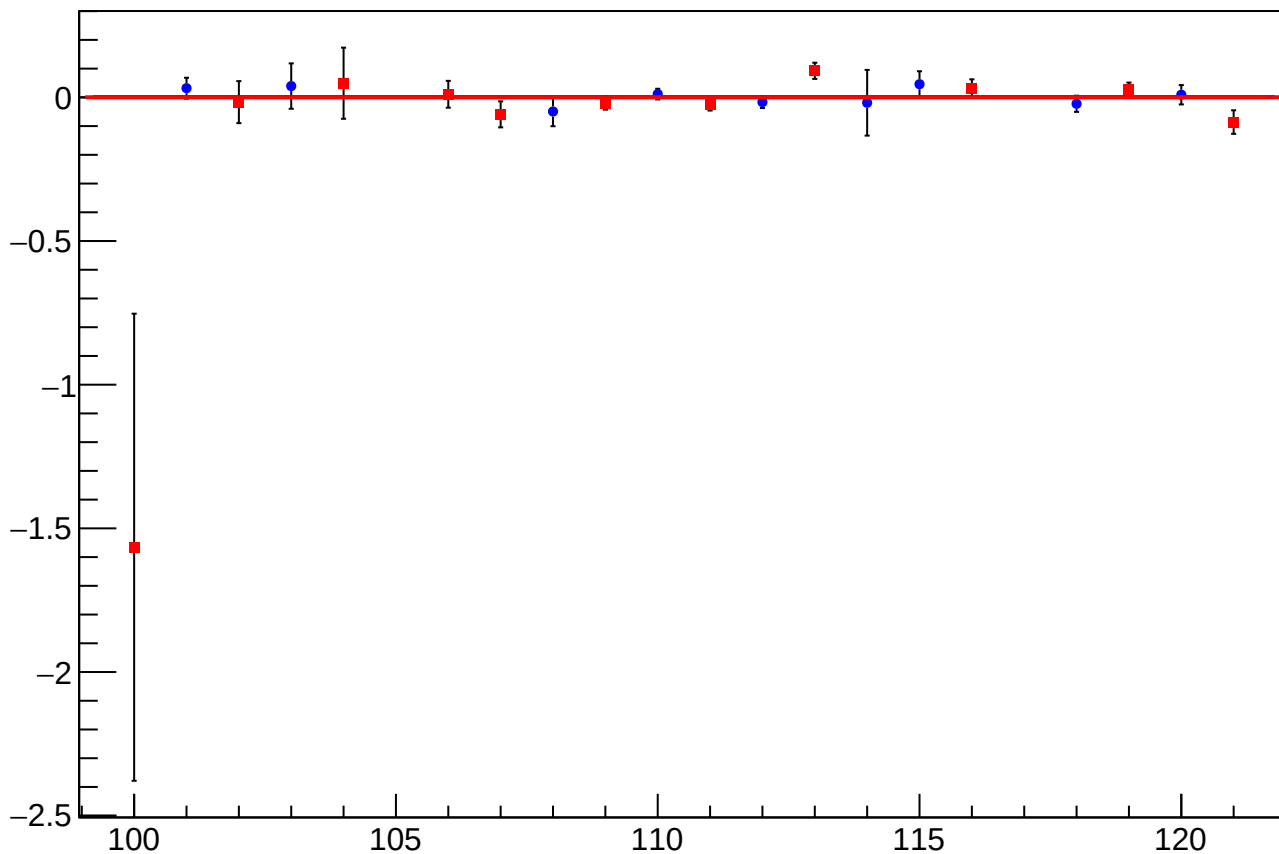
Right: 0.000+/-0.000 χ^2/NDF : 6772156.1/19

In: 0.001+/-0.000 χ^2/NDF :3265041.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6772156.1/19

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.010 χ^2/NDF : 25.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

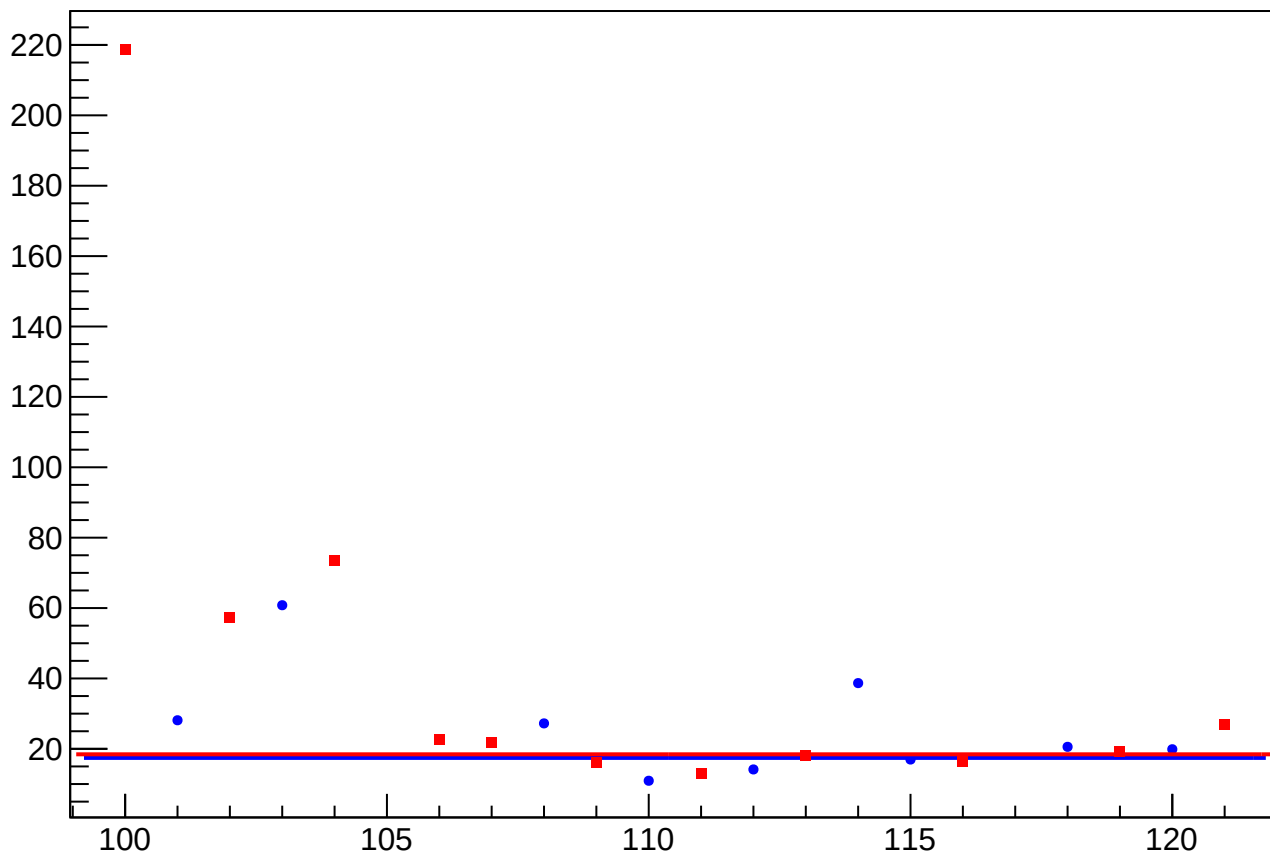
Right: 0.001+/-0.007 χ^2/NDF : 30.1/19

In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 30.1/19

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.445+/-0.007 χ^2/NDF : 1381445.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

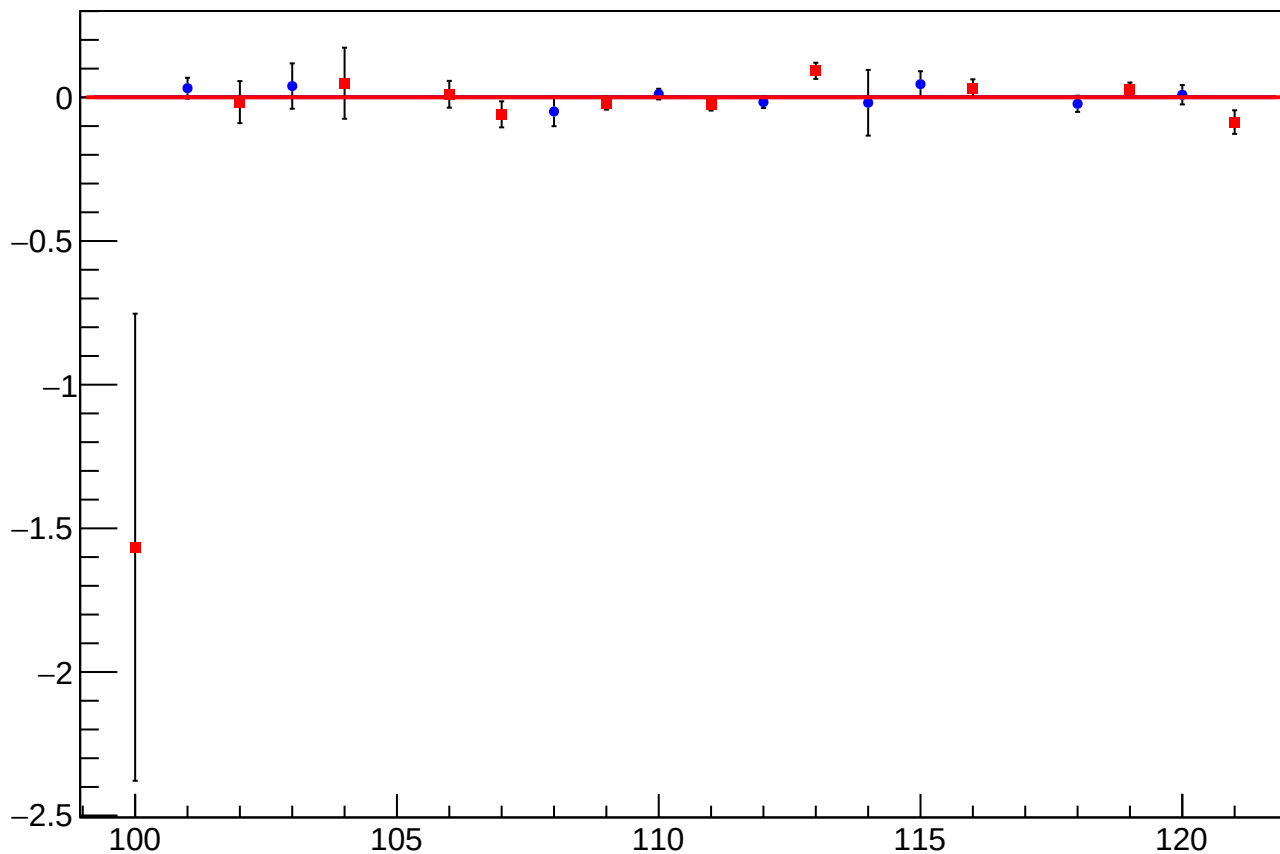
Right: 17.960+/-0.005 χ^2/NDF : 2640036.5/19

In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.960+/-0.005 χ^2/NDF : 2640036.5/19

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.010 χ^2/NDF : 25.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

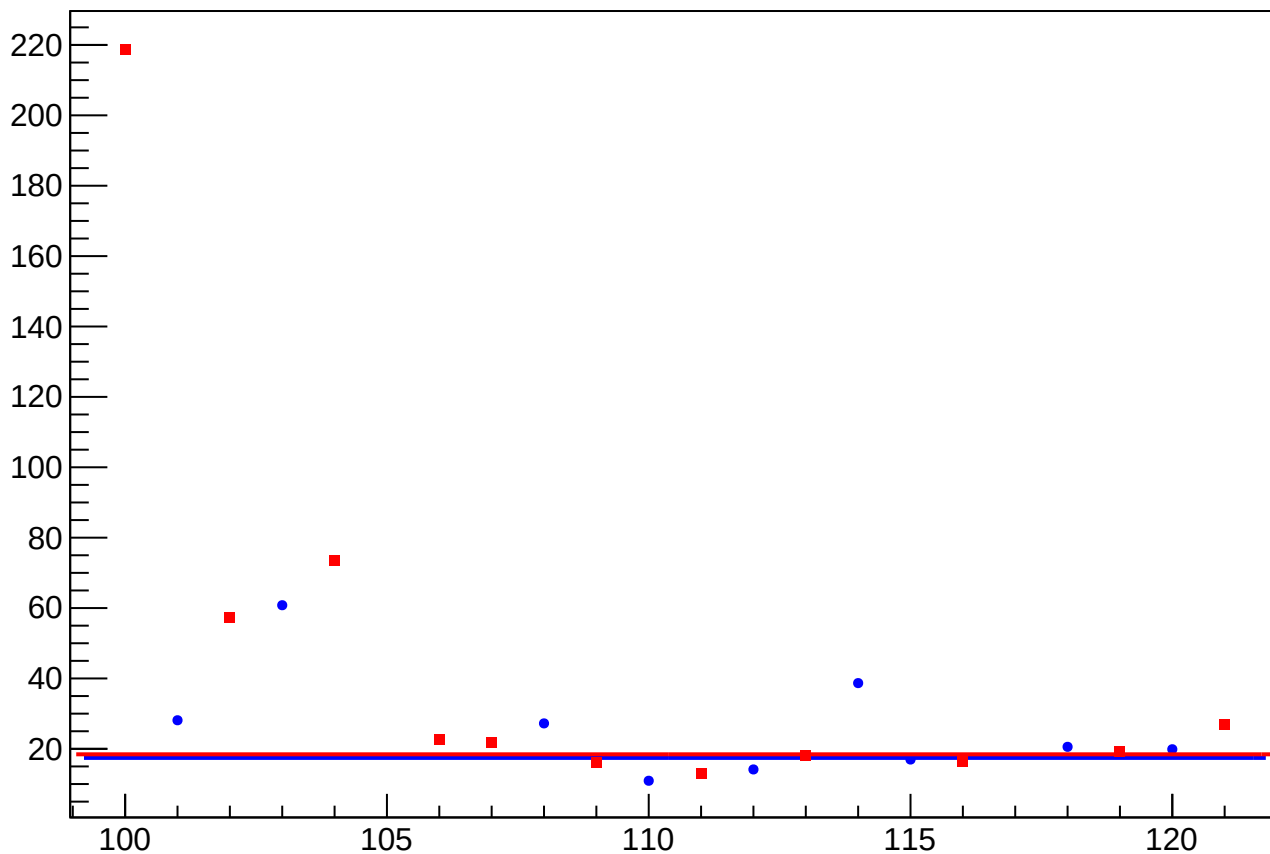
Right: 0.001+/-0.007 χ^2/NDF : 30.1/19

In: 0.001+/-0.010 χ^2/NDF :4.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.007 χ^2/NDF : 30.1/19

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.445+/-0.007 χ^2/NDF : 1381445.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

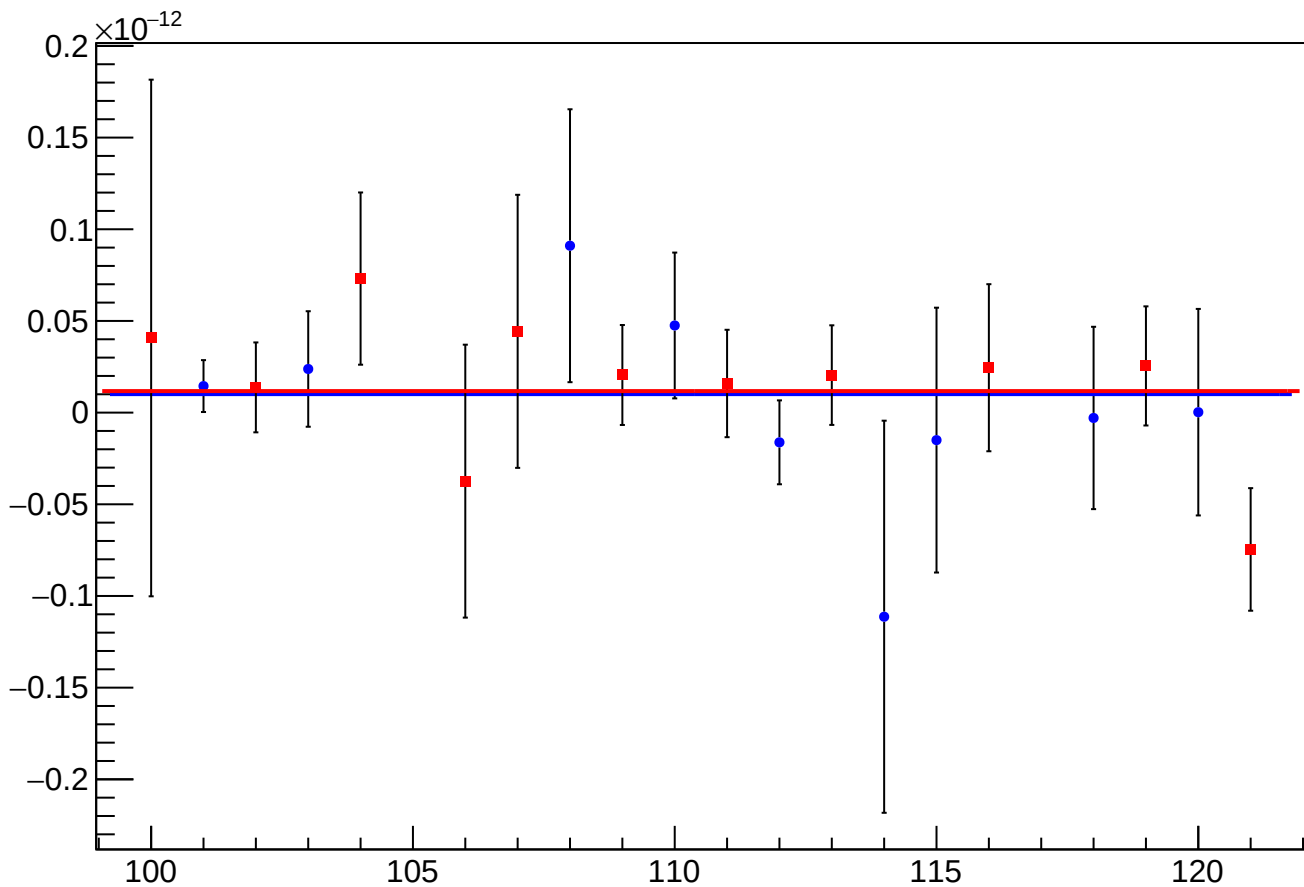
Right: 17.960+/-0.005 χ^2/NDF : 2640036.5/19

In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.960+/-0.005 χ^2/NDF : 2640036.5/19

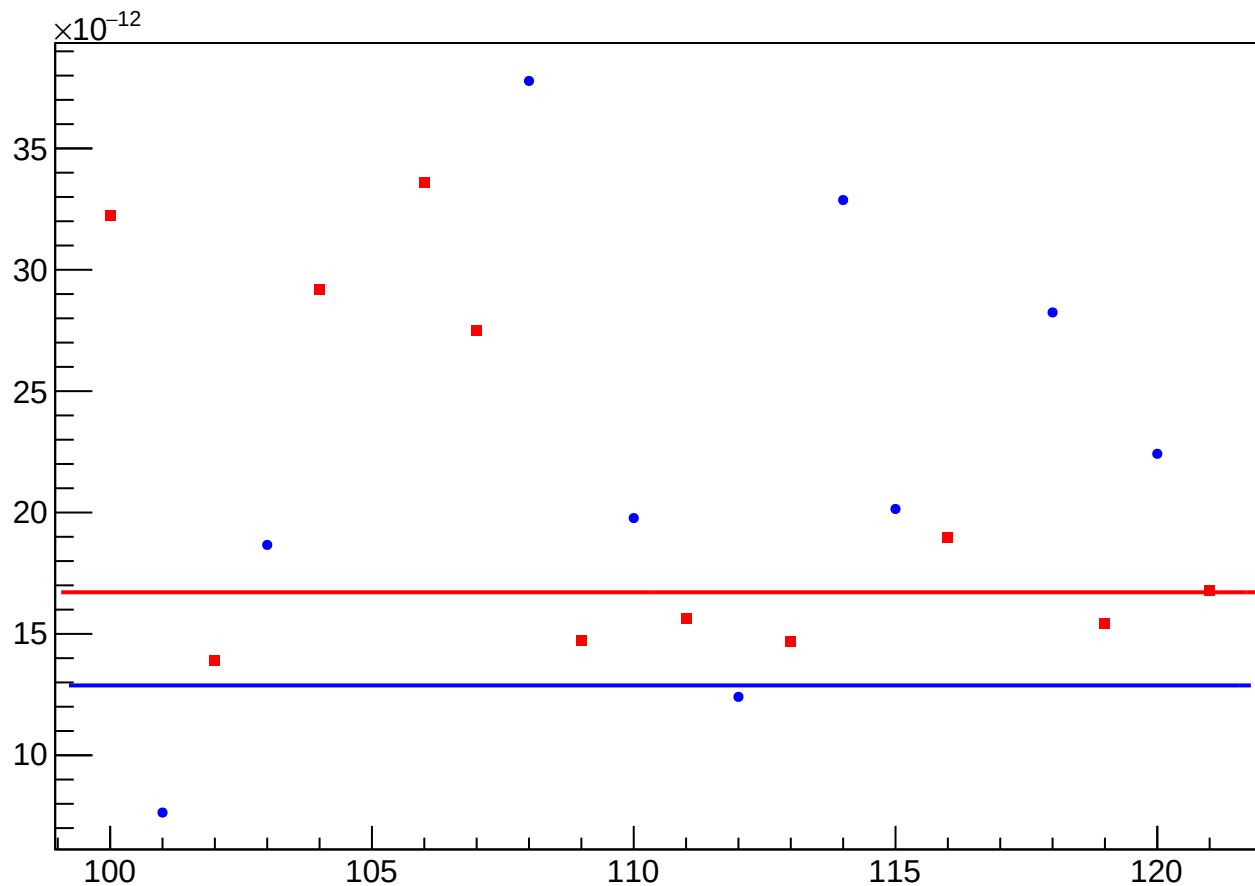
asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.7/19
 In: 0.000+/-0.000 χ^2/NDF : 5.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 14.7/19

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 965030.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 369431.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

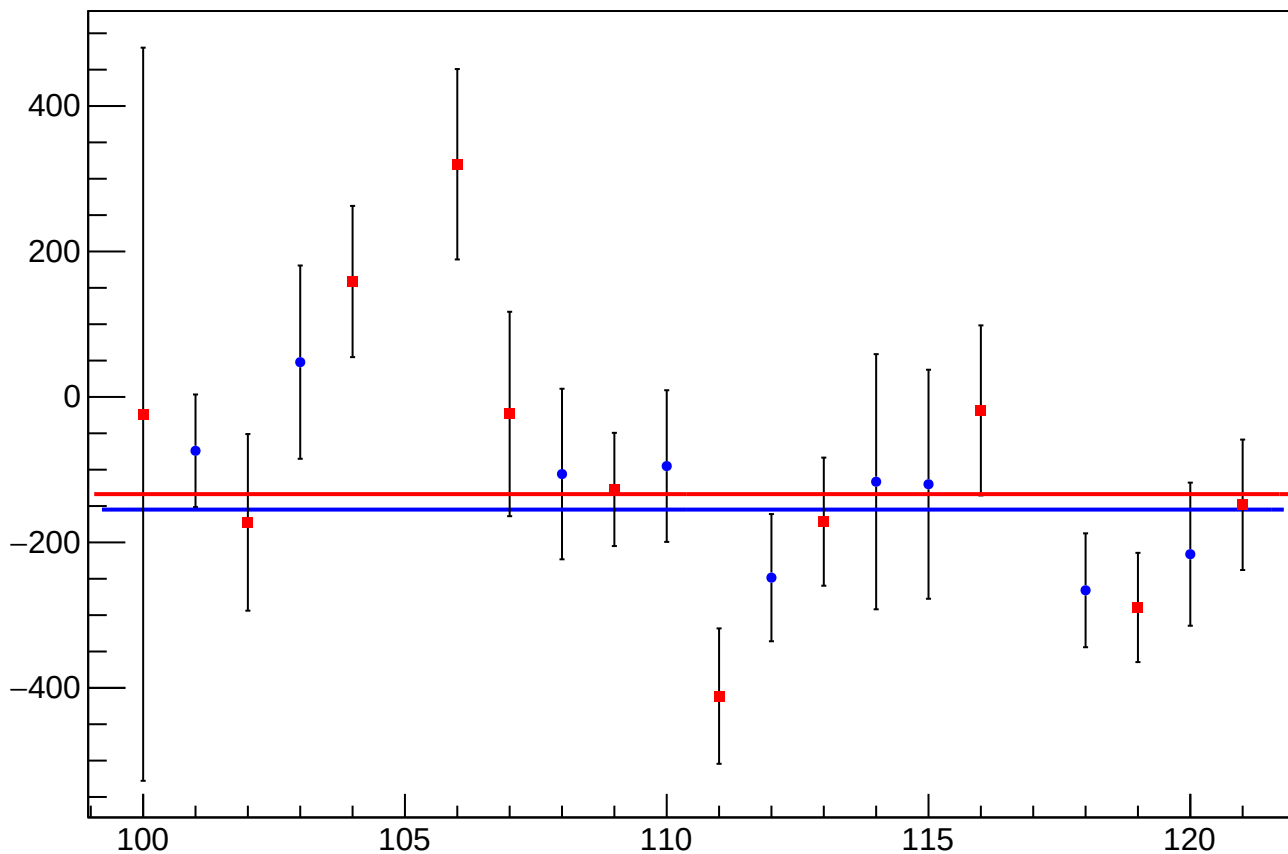
Right: 0.000+/-0.000 χ^2/NDF : 1469870.9/19

In: 0.000+/-0.000 χ^2/NDF : 965030.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1469870.9/19

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -154.879 ± 34.134 χ^2/NDF : 7.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -133.618 ± 30.750 χ^2/NDF : 35.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

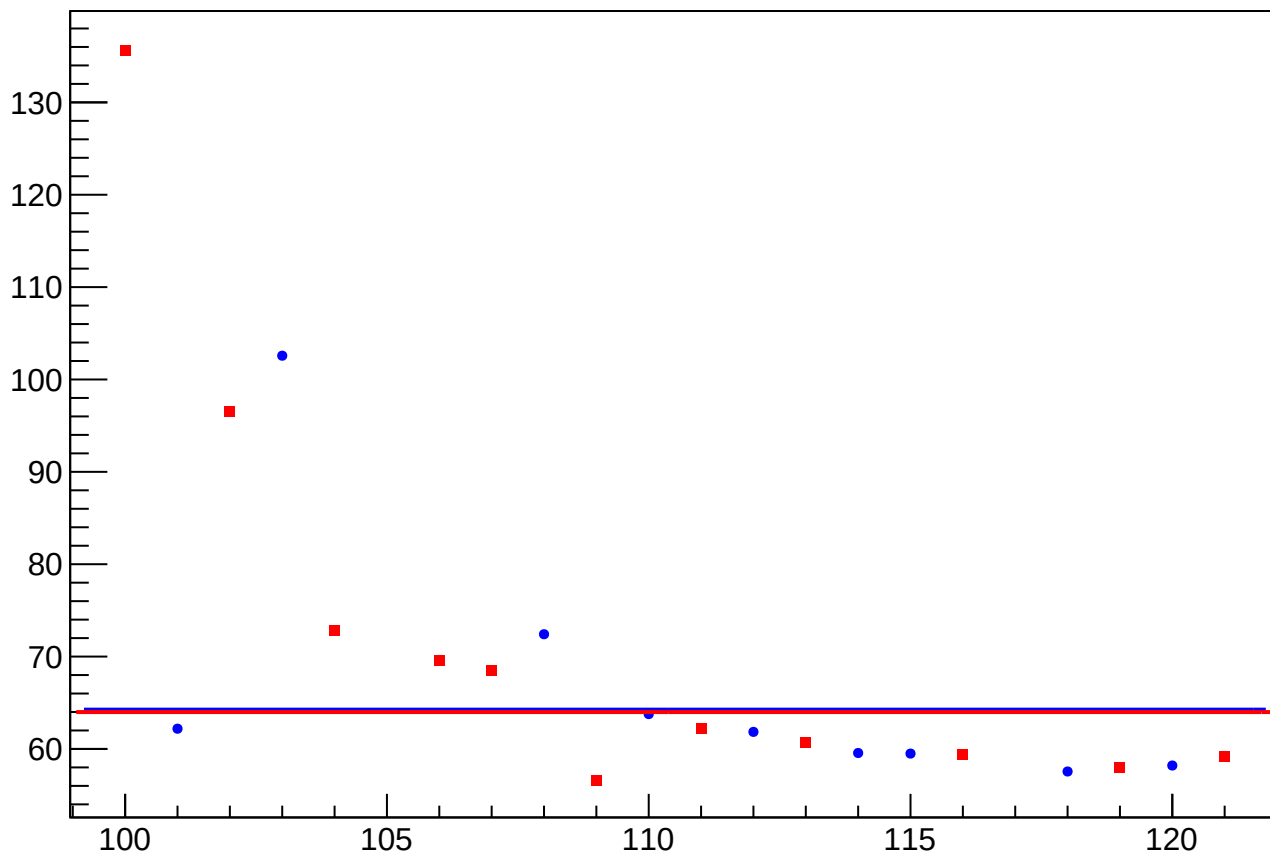
Right: -143.143 ± 22.847 χ^2/NDF : 42.8/19

In: -154.879 ± 34.134 χ^2/NDF : 7.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -143.143 ± 22.847 χ^2/NDF : 42.8/19

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.254+/-0.024 χ^2/NDF : 204471.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.992+/-0.022 χ^2/NDF : 247451.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

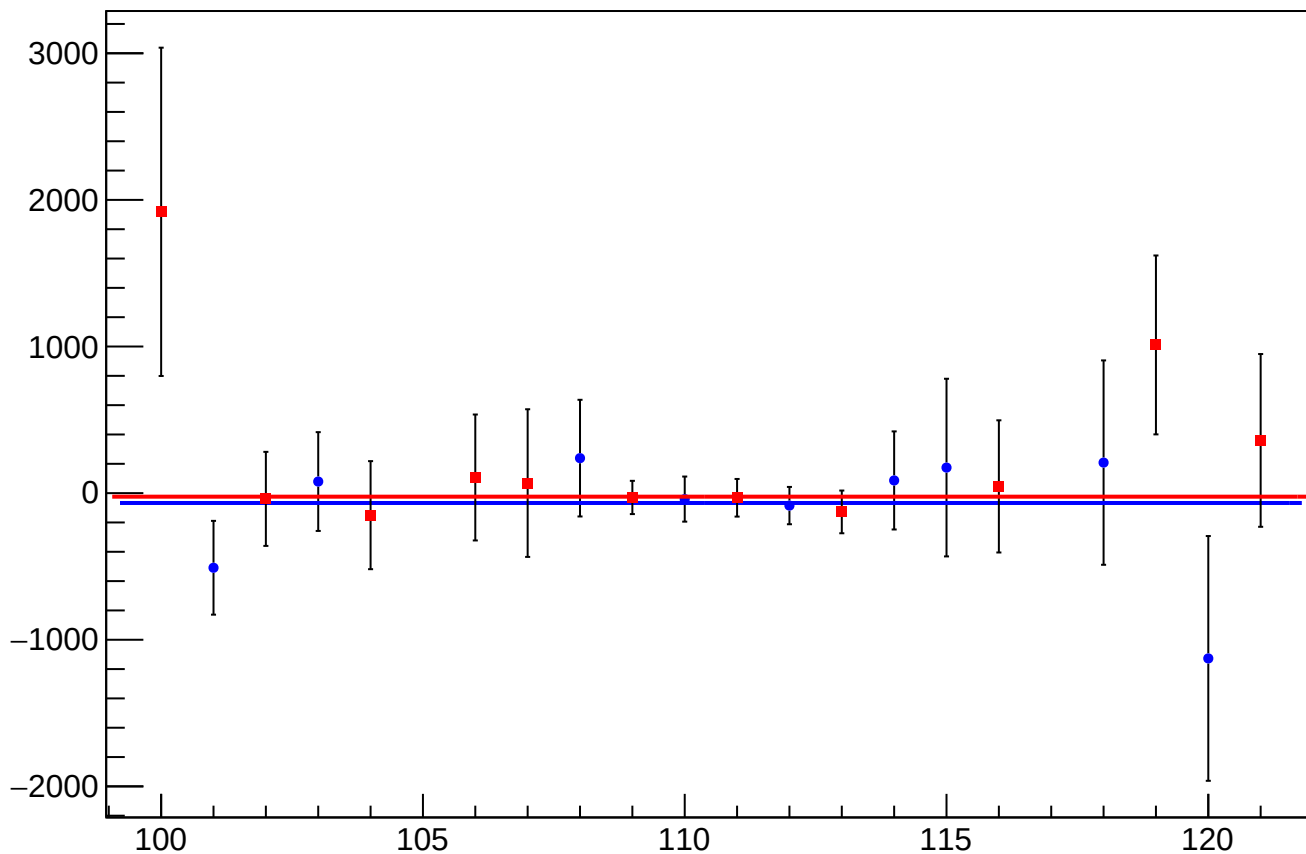
Right: 64.109+/-0.016 χ^2/NDF : 451987.4/19

In: 64.254+/-0.024 χ^2/NDF : 204471.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.109+/-0.016 χ^2/NDF : 451987.4/19

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -67.125+/-83.306 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.089+/-66.913 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

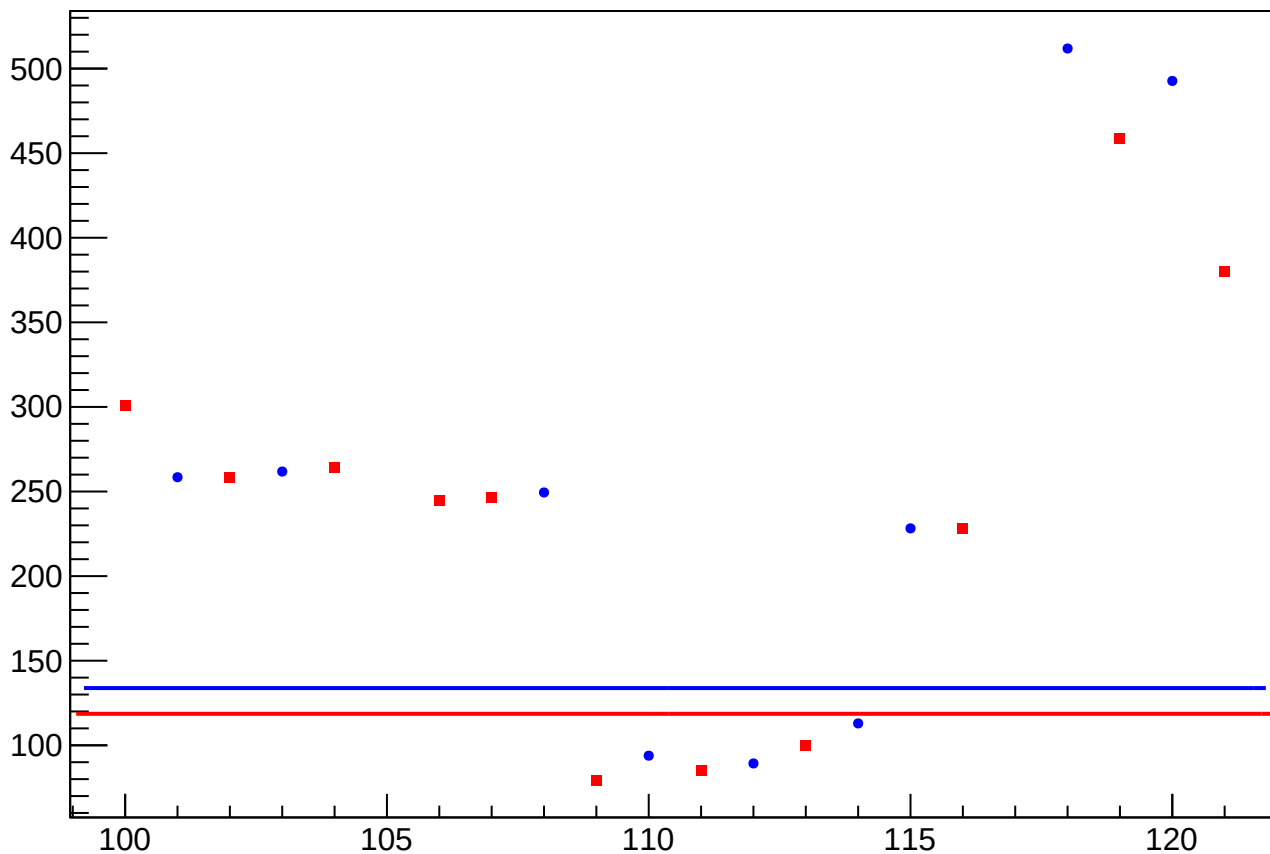
Right: -40.966+/-52.168 χ^2/NDF : 12.1/19

In: -67.125+/-83.306 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.966+/-52.168 χ^2/NDF : 12.1/19

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 133.826+/-0.059 χ^2/NDF : 2155766.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.618+/-0.047 χ^2/NDF : 2590227.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

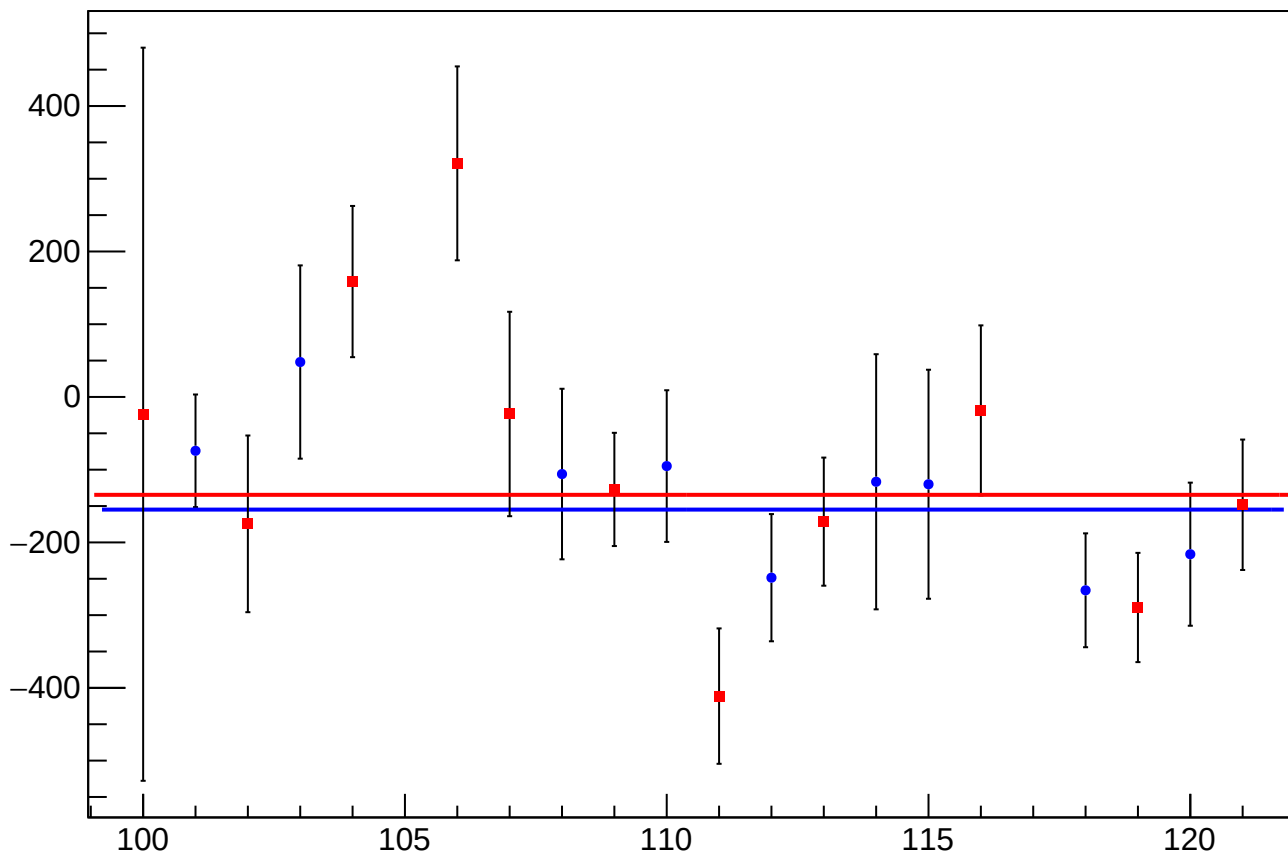
Right: 124.582+/-0.037 χ^2/NDF : 4786505.2/19

In: 133.826+/-0.059 χ^2/NDF : 2155766.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.582+/-0.037 χ^2/NDF : 4786505.2/19

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.583+/-30.782 χ^2/NDF : 34.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

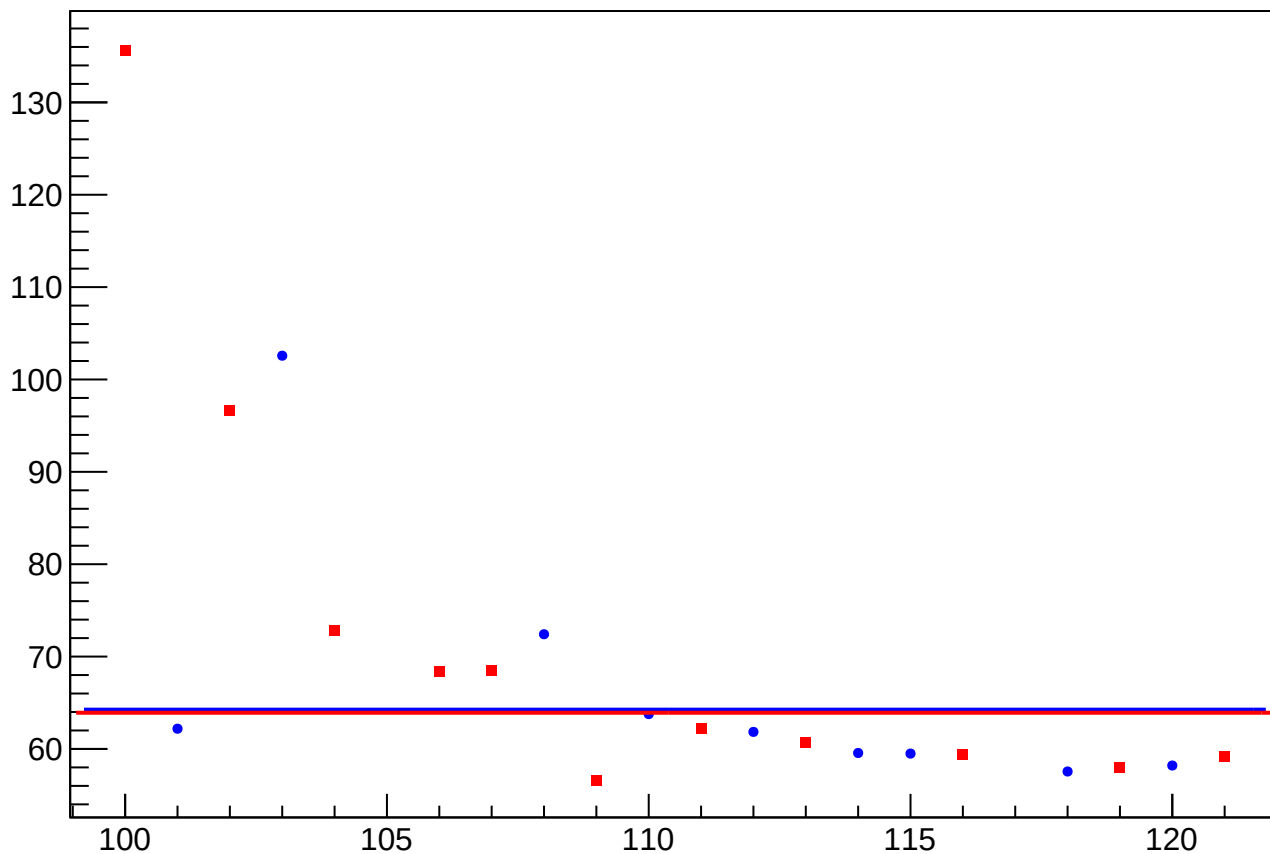
Right: -143.686+/-22.859 χ^2/NDF : 42.5/19

In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.686+/-22.859 χ^2/NDF : 42.5/19

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.919+/-0.022 χ^2/NDF : 246182.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

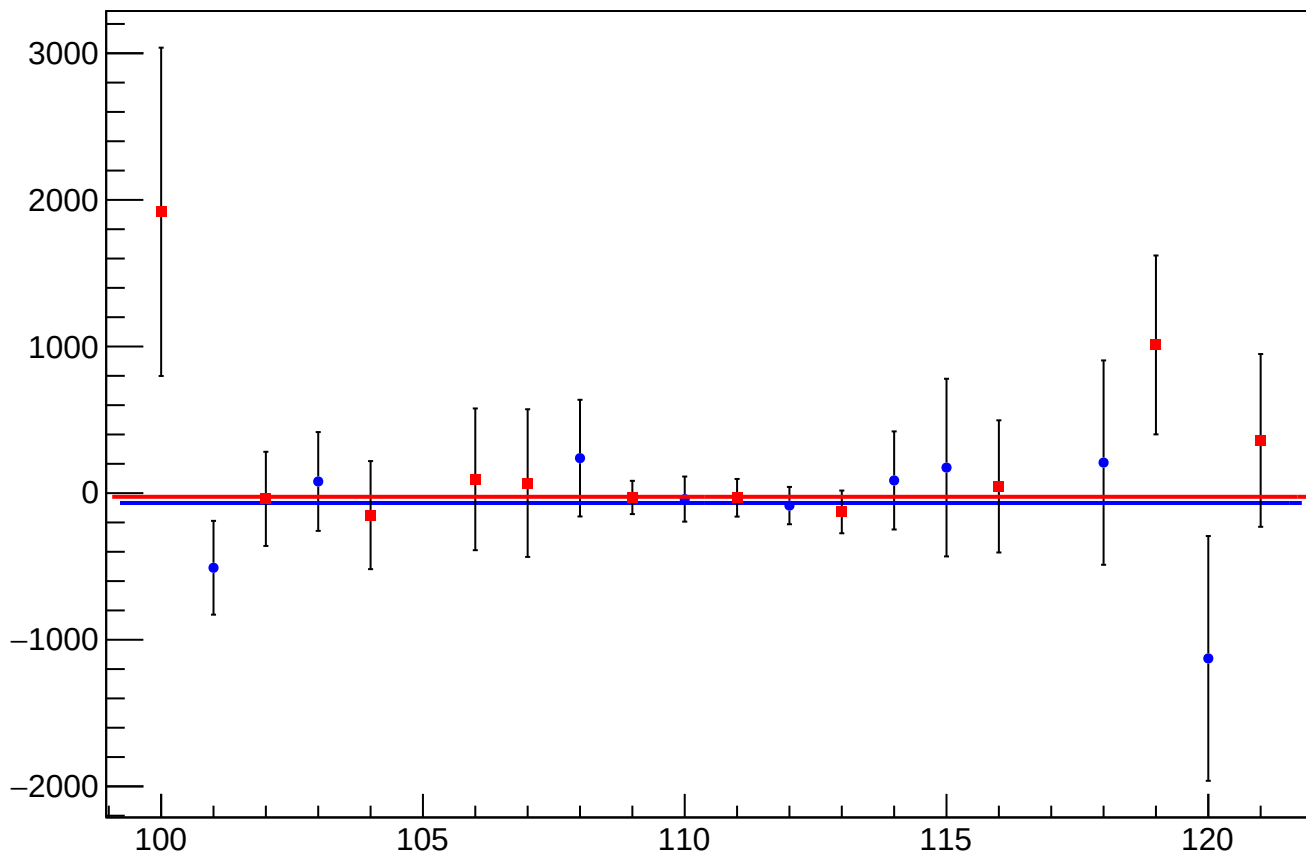
Right: 64.069+/-0.016 χ^2/NDF : 450762.3/19

In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.069+/-0.016 χ^2/NDF : 450762.3/19

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -24.981+/-67.088 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

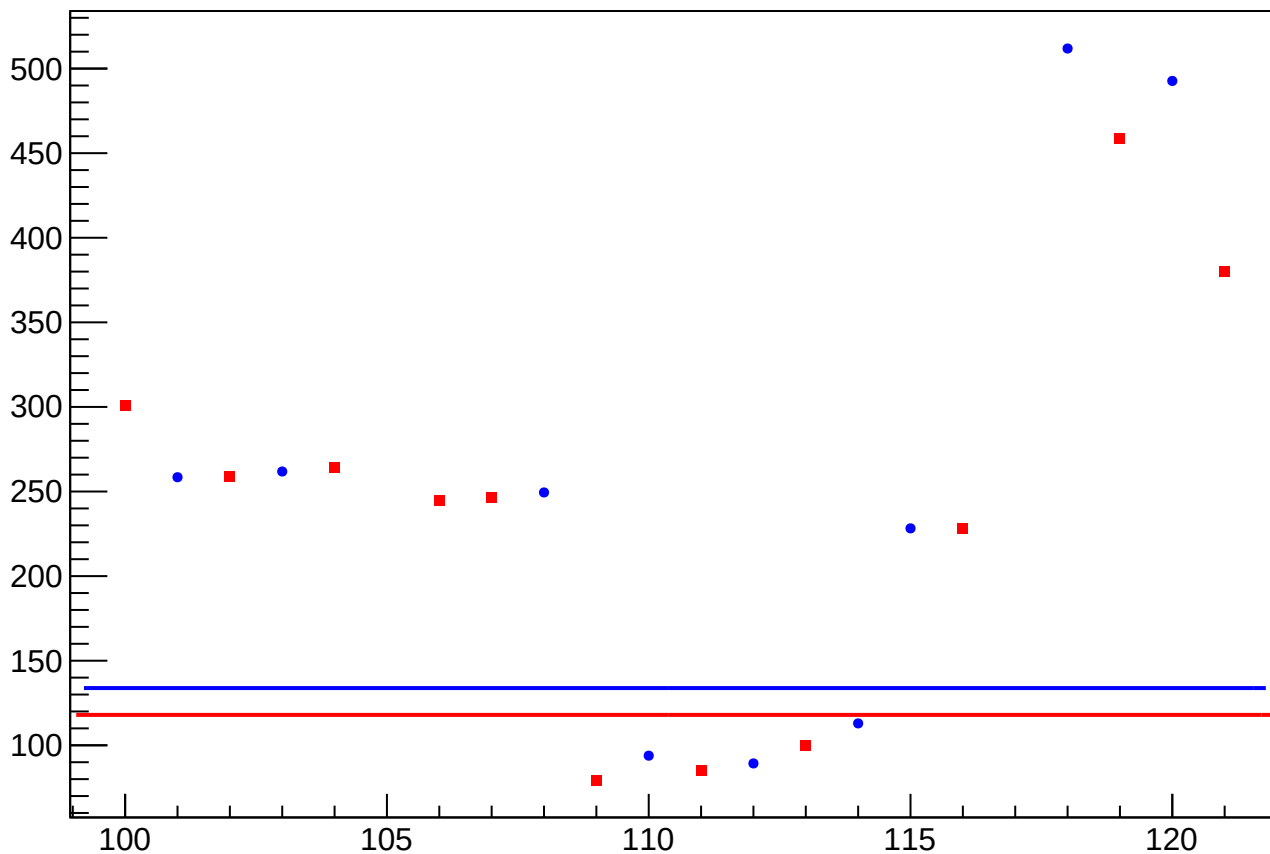
Right: -41.552+/-52.251 χ^2/NDF : 12.1/19

In: -67.104+/-83.307 χ^2/NDF :4.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.552+/-52.251 χ^2/NDF : 12.1/19

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.973+/-0.047 χ^2/NDF : 2555009.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

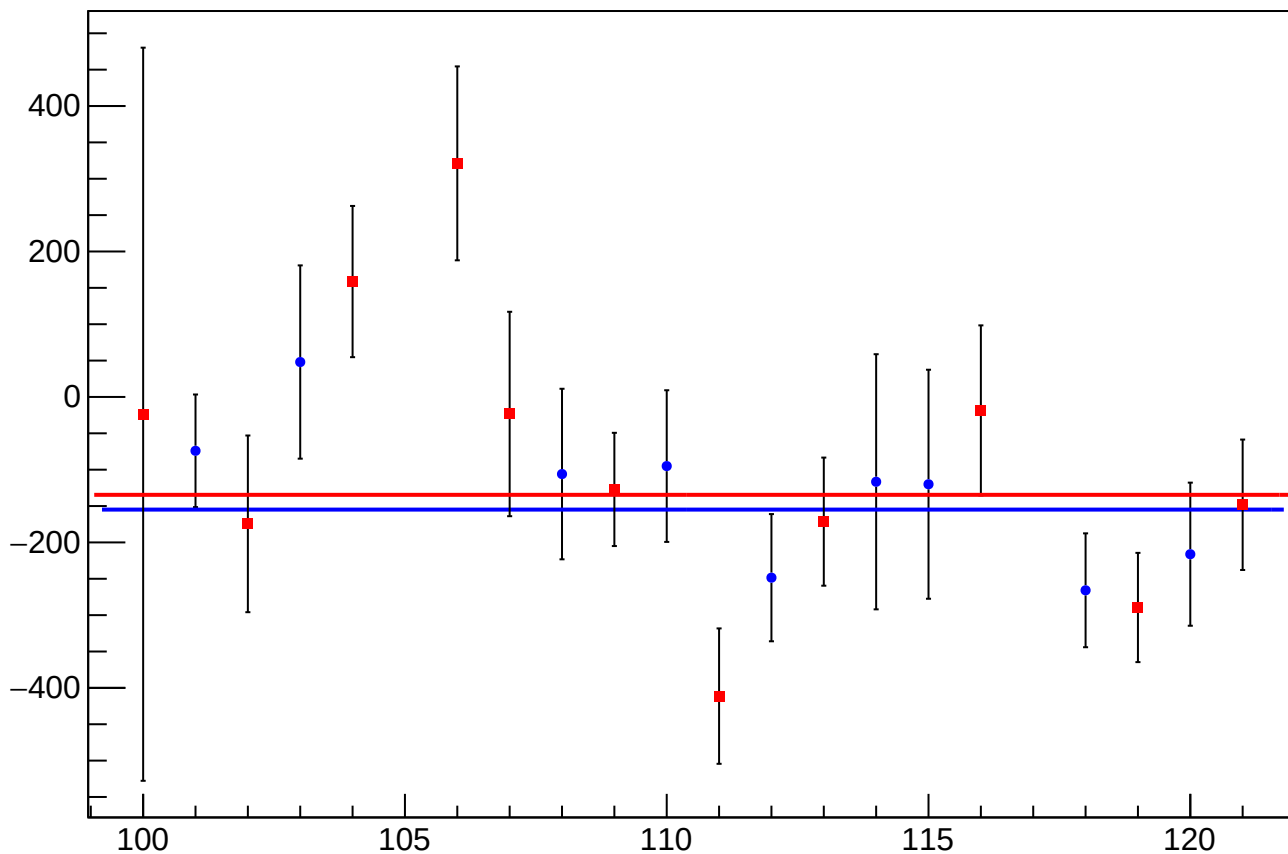
Right: 124.209+/-0.037 χ^2/NDF : 4754762.7/19

In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.209+/-0.037 χ^2/NDF : 4754762.7/19

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.583+/-30.782 χ^2/NDF : 34.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

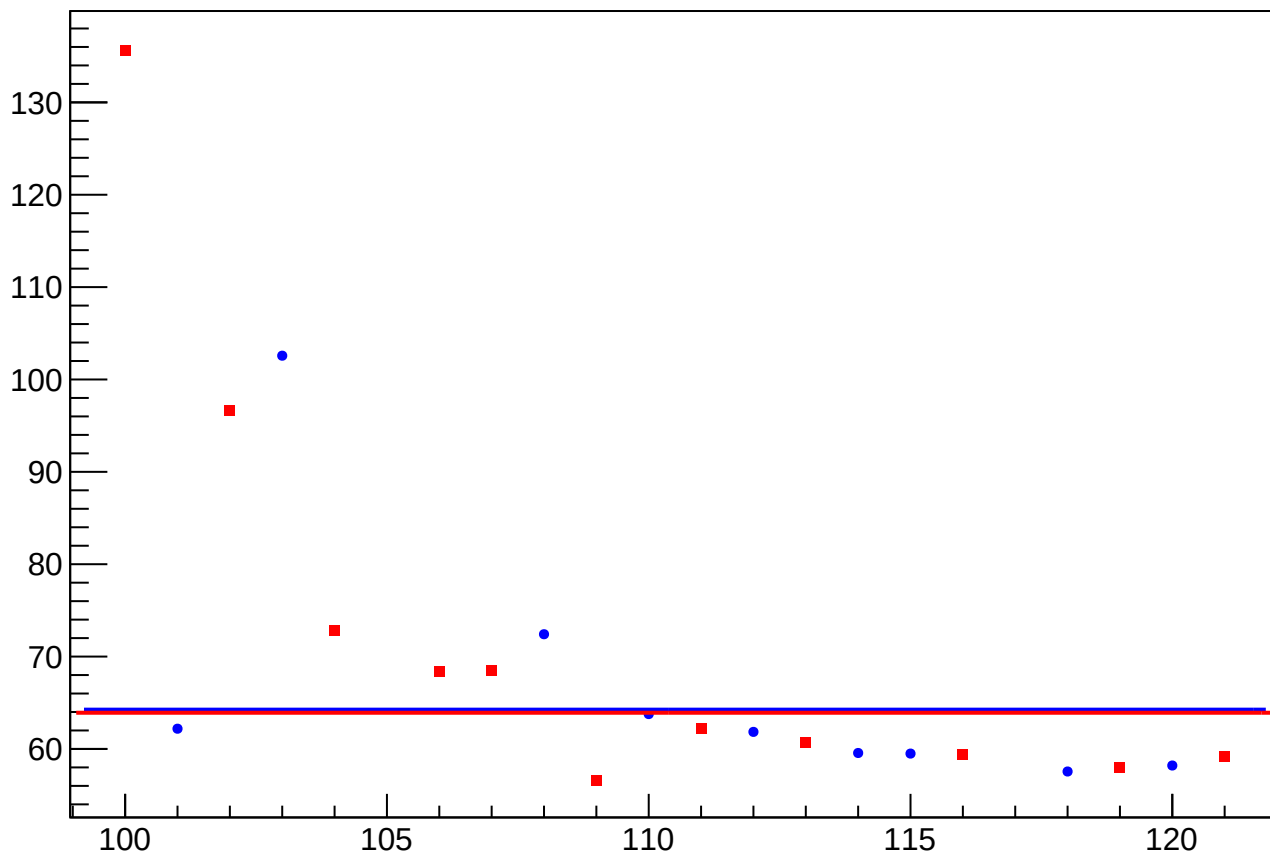
Right: -143.686+/-22.859 χ^2/NDF : 42.5/19

In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.686+/-22.859 χ^2/NDF : 42.5/19

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.919+/-0.022 χ^2/NDF : 246182.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

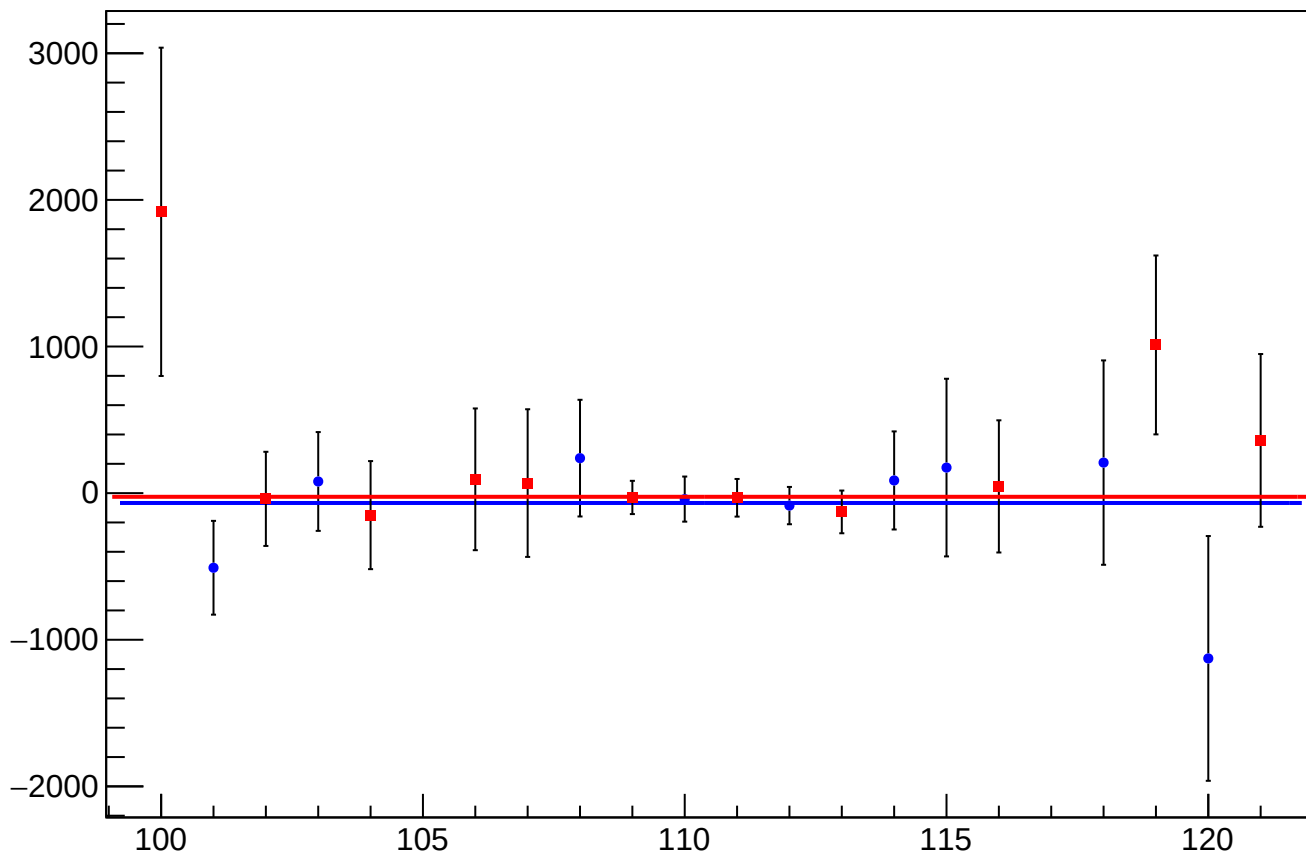
Right: 64.069+/-0.016 χ^2/NDF : 450762.3/19

In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.069+/-0.016 χ^2/NDF : 450762.3/19

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.981+/-67.088 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

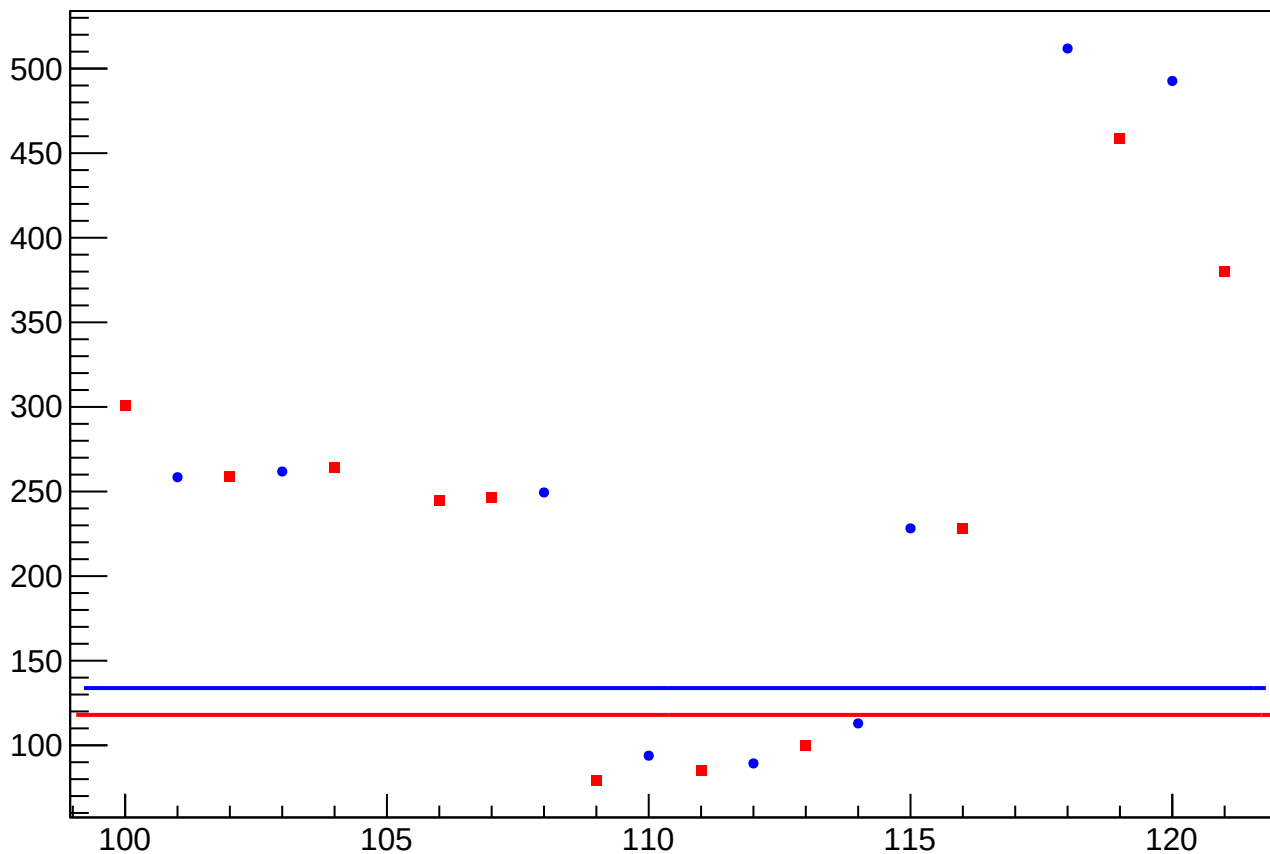
Right: -41.552+/-52.251 χ^2/NDF : 12.1/19

In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.552+/-52.251 χ^2/NDF : 12.1/19

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.973+/-0.047 χ^2/NDF : 2555009.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

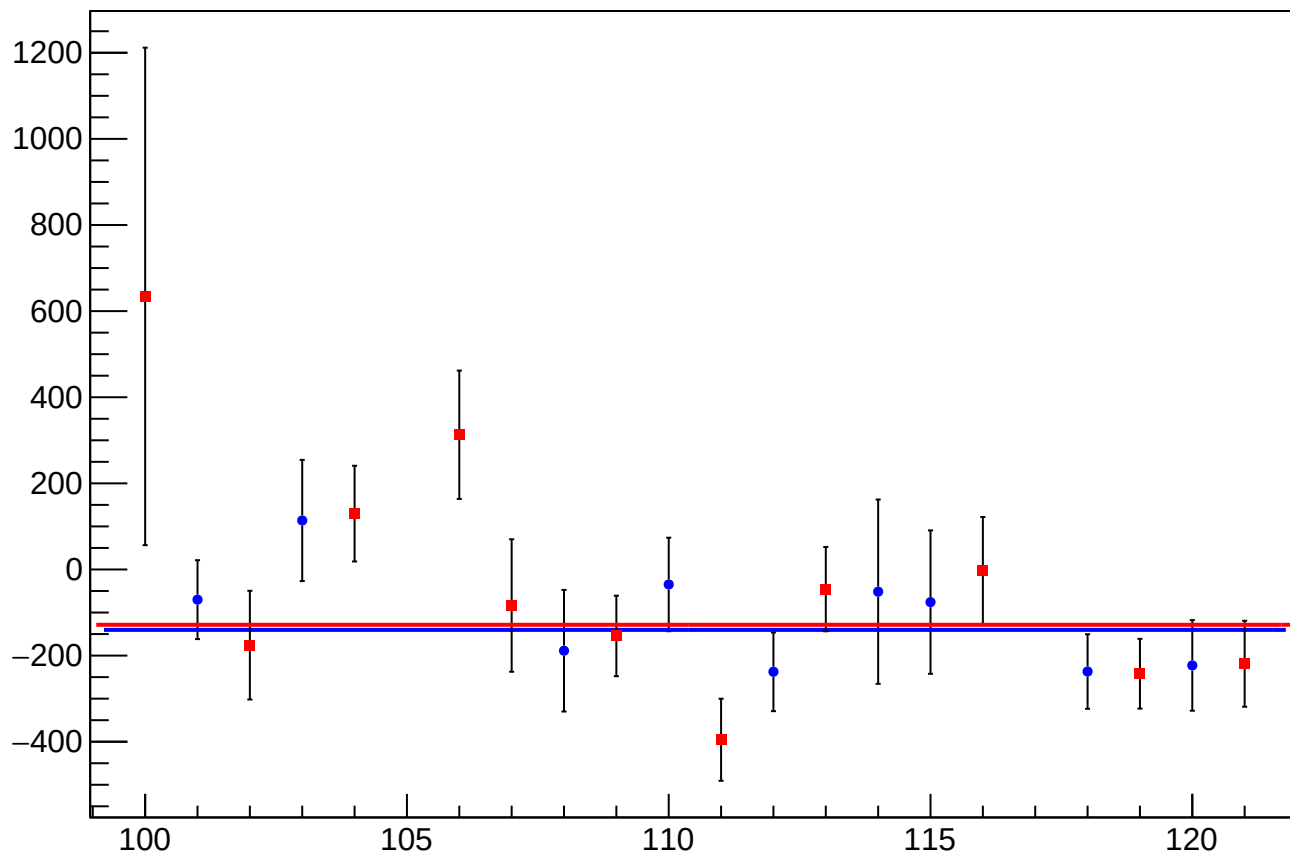
Right: 124.209+/-0.037 χ^2/NDF : 4754762.7/19

In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.209+/-0.037 χ^2/NDF : 4754762.7/19

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -140.305 ± 37.639 χ^2/NDF : 8.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.385 ± 33.706 χ^2/NDF : 28.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

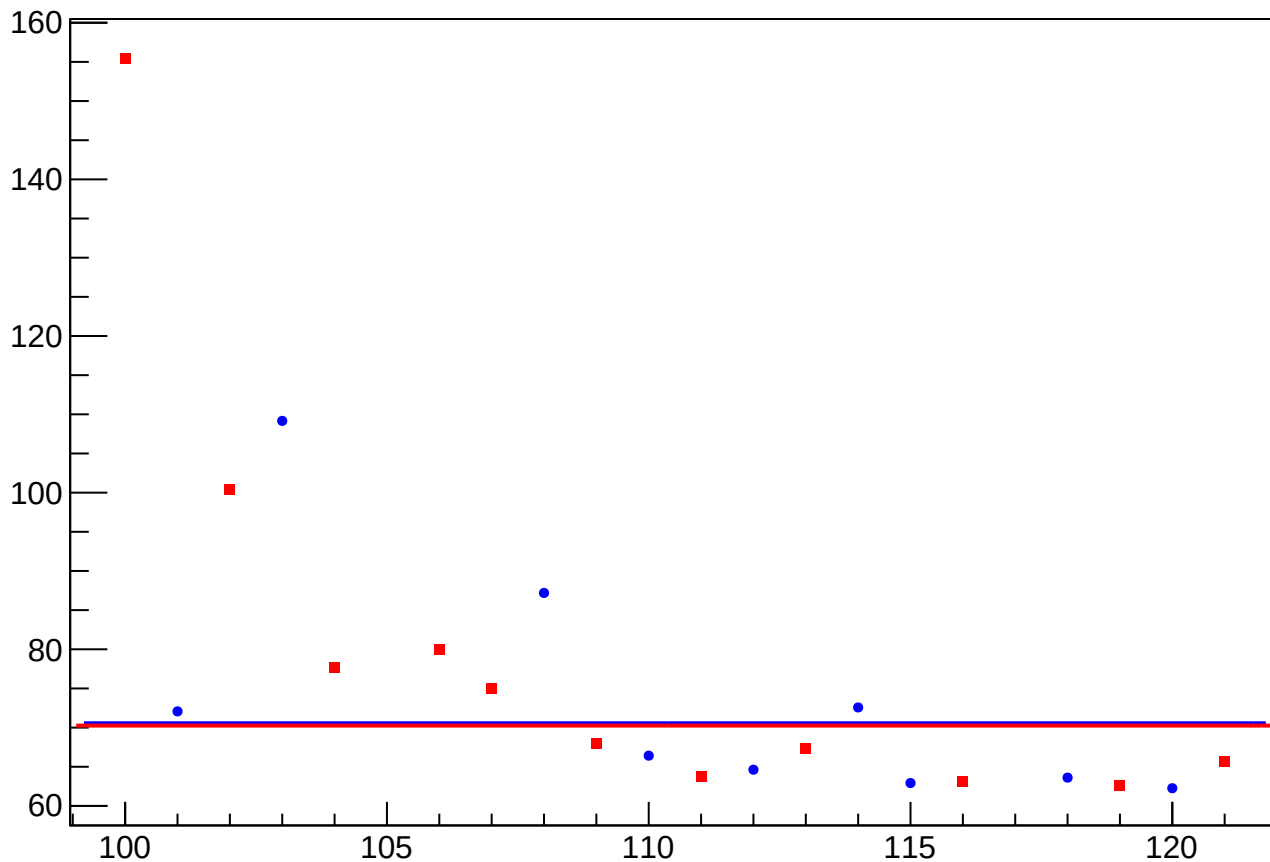
Right: -133.690 ± 25.110 χ^2/NDF : 36.9/19

In: -140.305 ± 37.639 χ^2/NDF : 8.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -133.690 ± 25.110 χ^2/NDF : 36.9/19

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.553+/-0.027 χ^2/NDF : 219879.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.256+/-0.024 χ^2/NDF : 218592.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

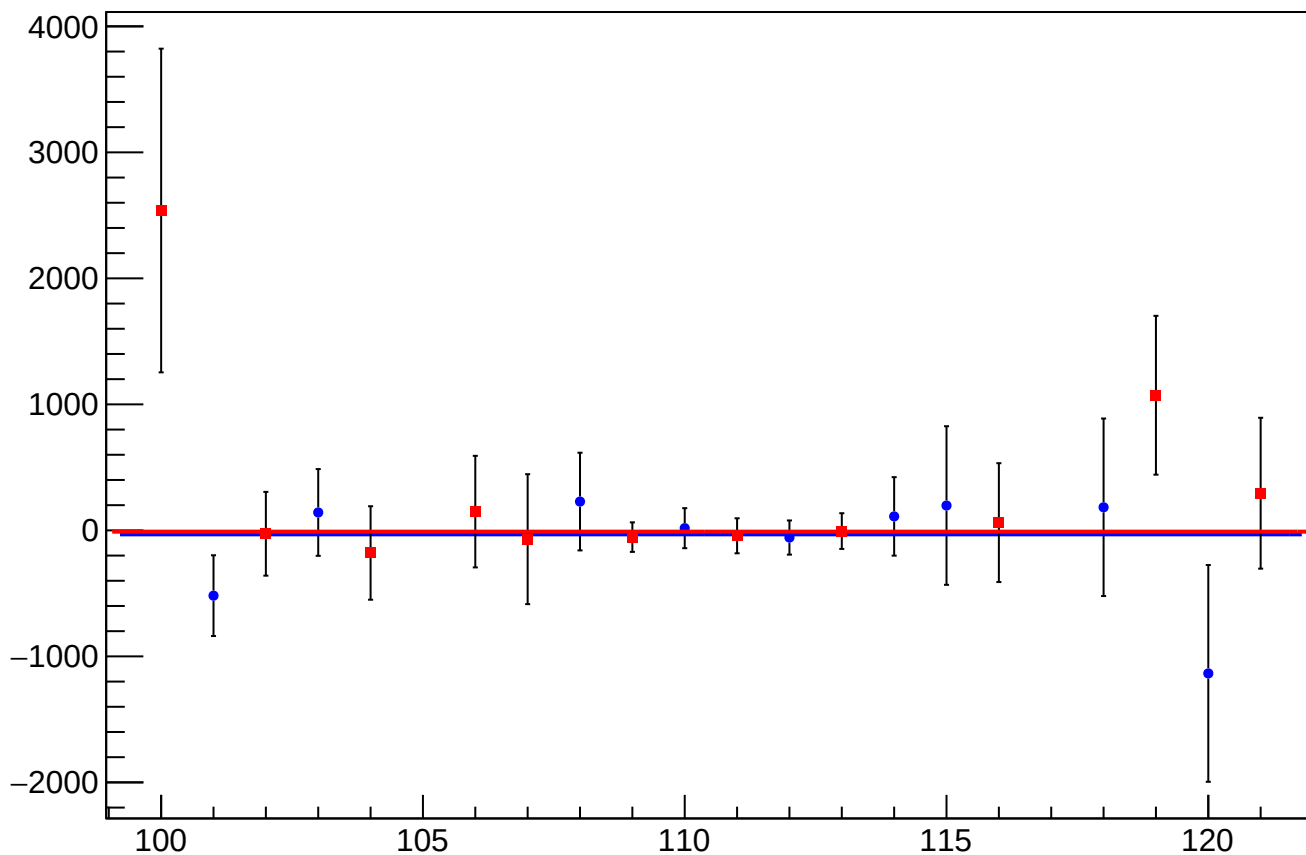
Right: 70.388+/-0.018 χ^2/NDF : 438541.4/19

In: 70.553+/-0.027 χ^2/NDF : 219879.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.388+/-0.018 χ^2/NDF : 438541.4/19

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.465+/-86.044 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.083+/-68.984 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

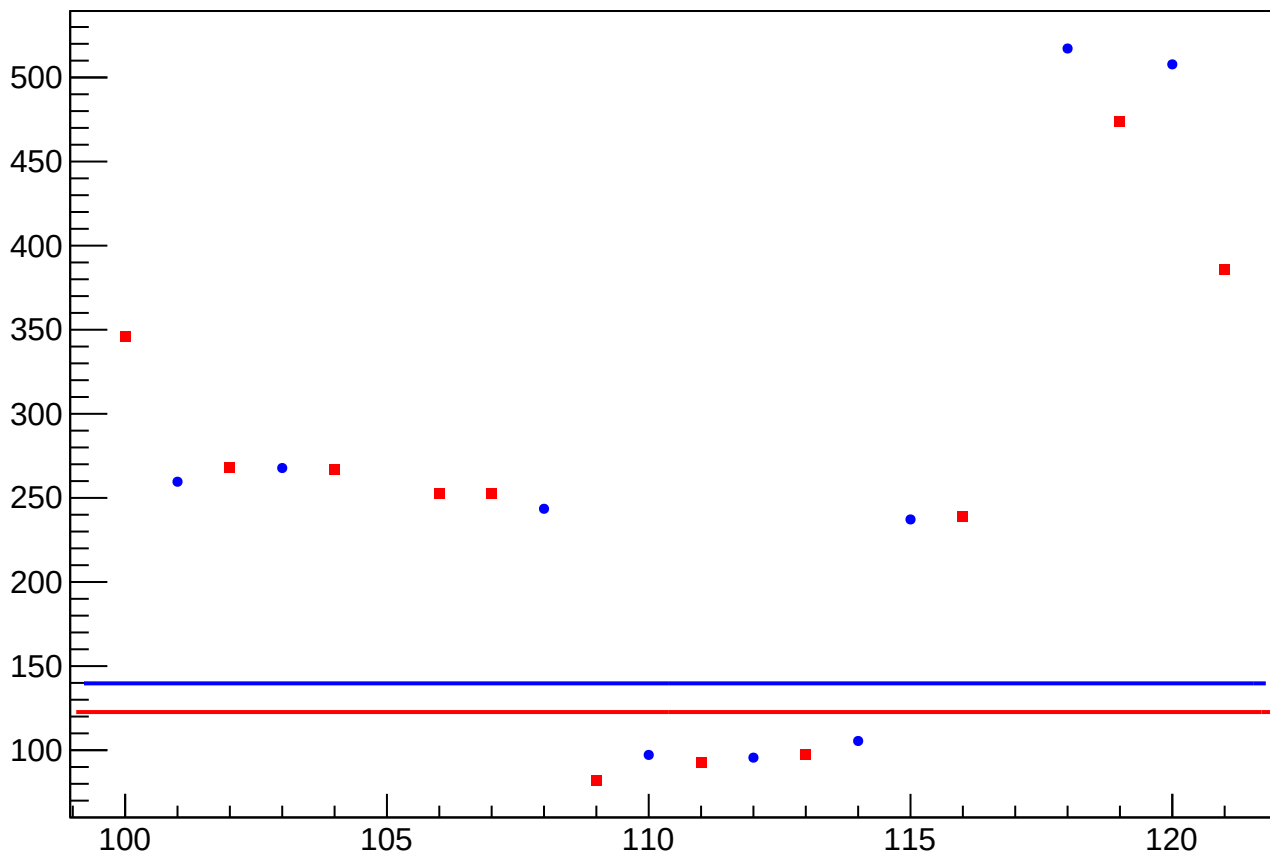
Right: -18.449+/-53.822 χ^2/NDF : 13.0/19

In: -31.465+/-86.044 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.449+/-53.822 χ^2/NDF : 13.0/19

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 139.731+/-0.061 χ^2/NDF : 2068325.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.675+/-0.049 χ^2/NDF : 2573079.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

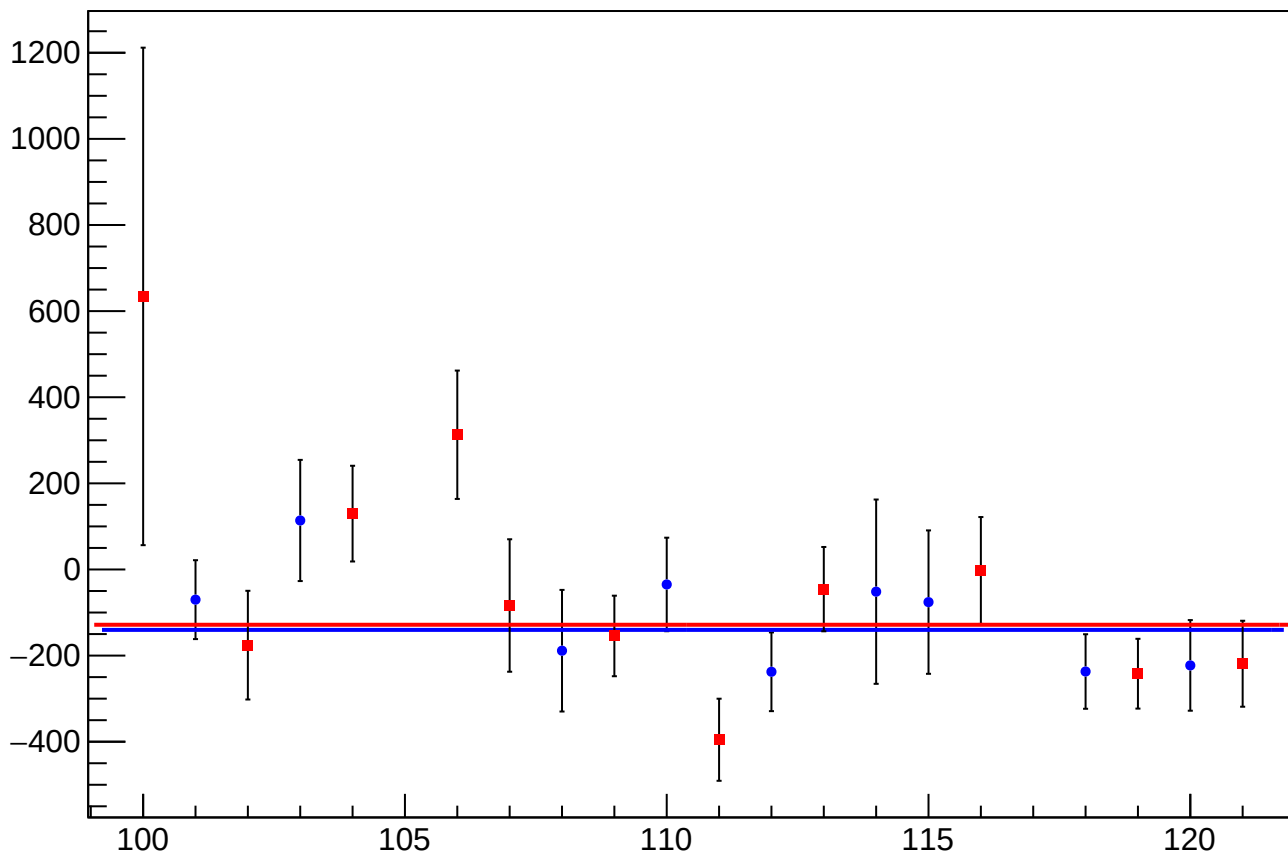
Right: 129.348+/-0.038 χ^2/NDF : 4689245.7/19

In: 139.731+/-0.061 χ^2/NDF : 2068325.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.348+/-0.038 χ^2/NDF : 4689245.7/19

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -140.304+/-37.639 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -128.386+/-33.706 χ^2/NDF : 28.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

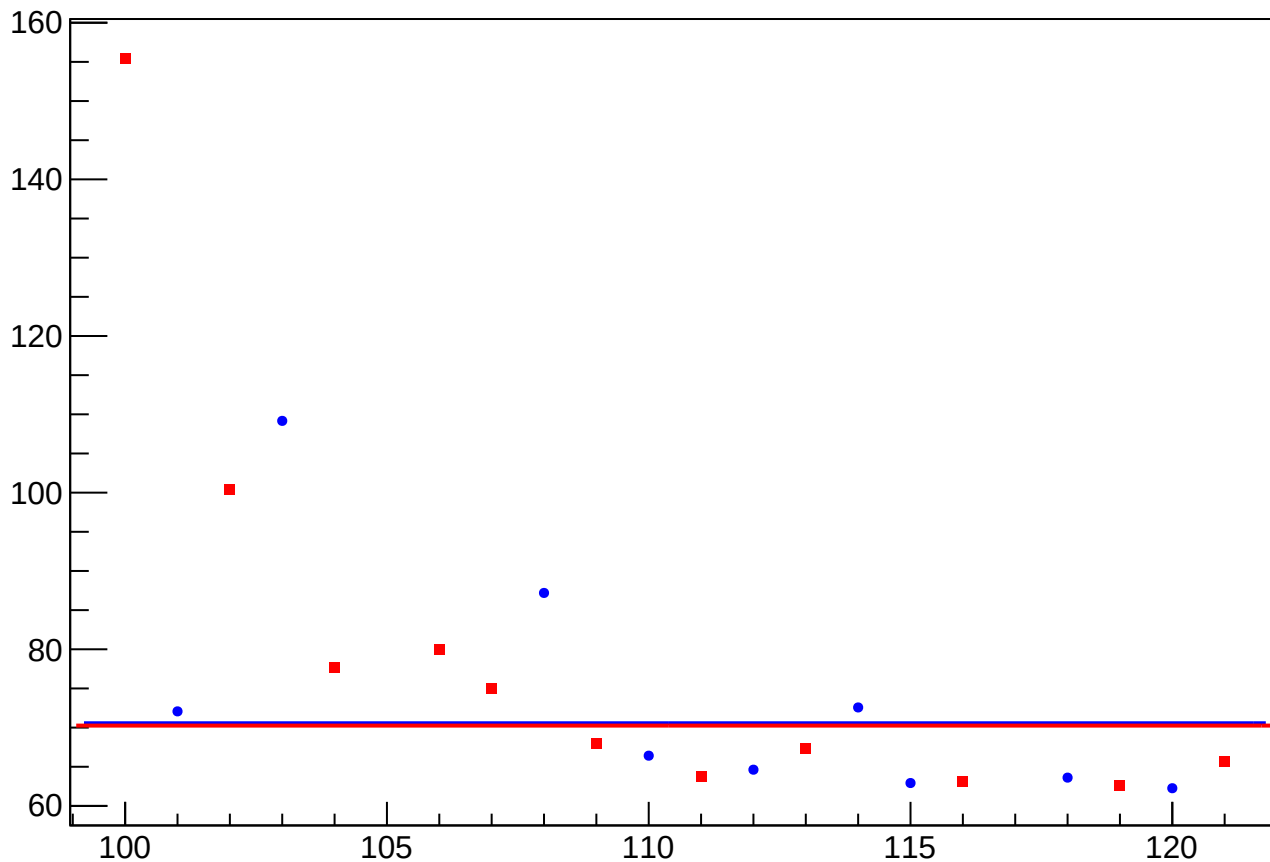
Right: -133.690+/-25.110 χ^2/NDF : 36.9/19

In: -140.304+/-37.639 χ^2/NDF :8.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -133.690+/-25.110 χ^2/NDF : 36.9/19

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.553+/-0.027 χ^2/NDF : 219880.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.256+/-0.024 χ^2/NDF : 218594.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

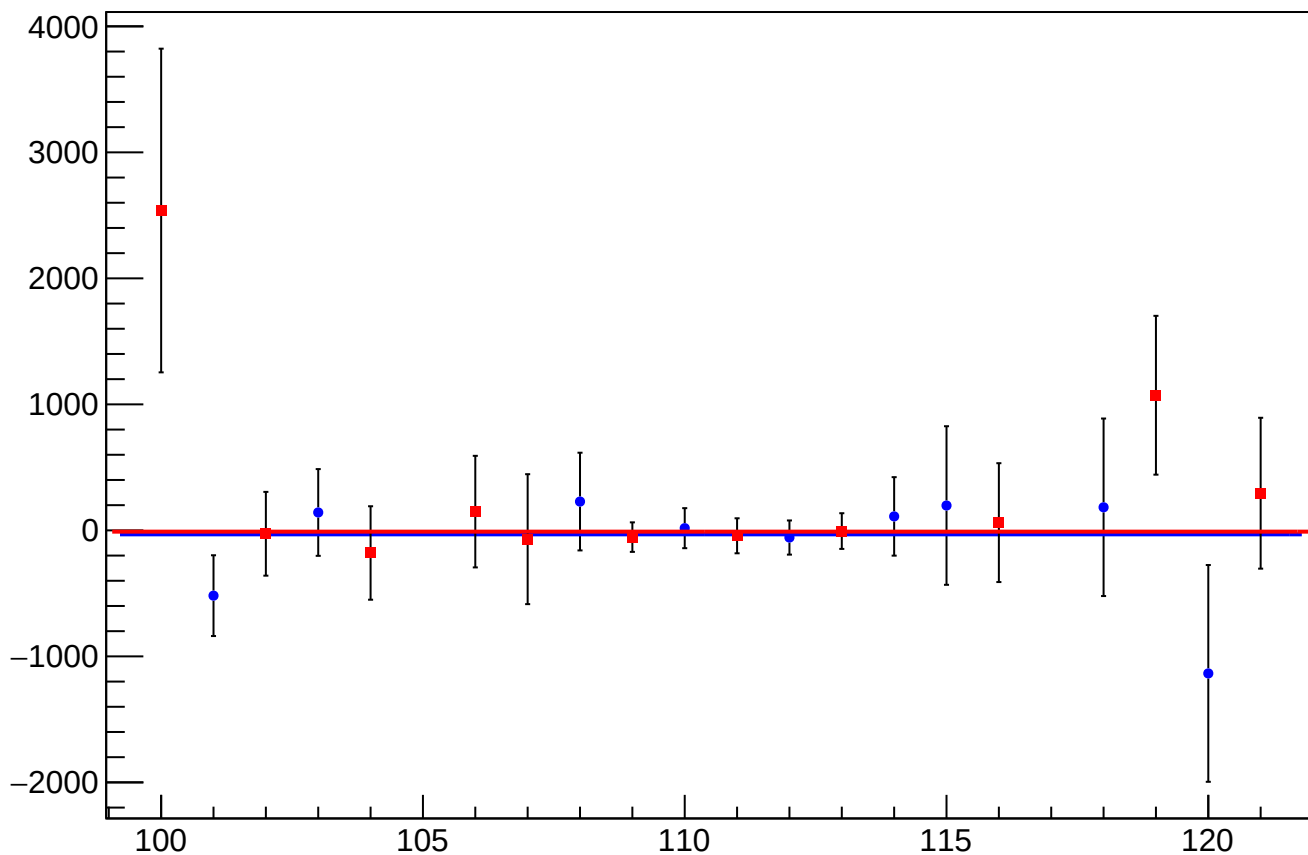
Right: 70.388+/-0.018 χ^2/NDF : 438543.9/19

In: 70.553+/-0.027 χ^2/NDF : 219880.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.388+/-0.018 χ^2/NDF : 438543.9/19

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.464+/-86.043 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.084+/-68.984 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

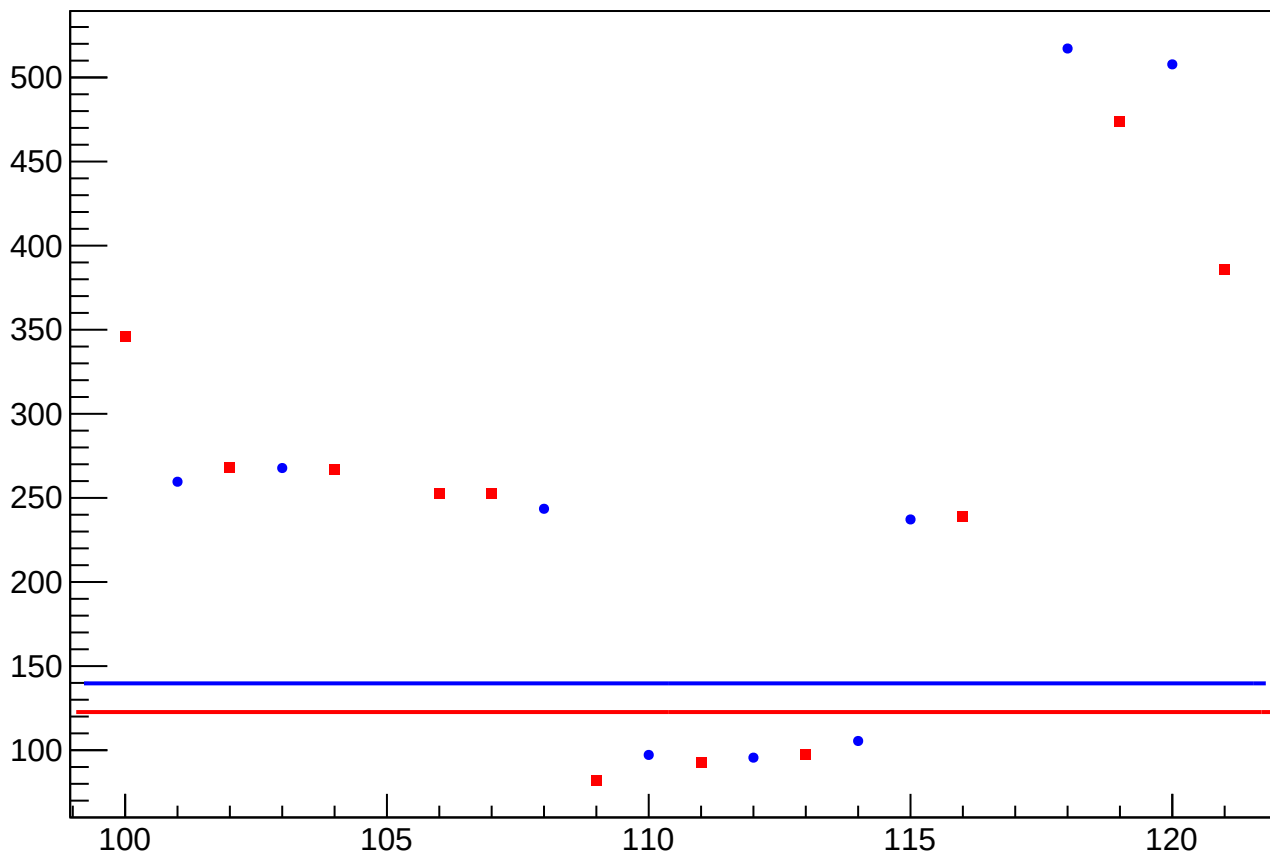
Right: -18.450+/-53.822 χ^2/NDF : 13.0/19

In: -31.464+/-86.043 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.450+/-53.822 χ^2/NDF : 13.0/19

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 139.730+/-0.061 χ^2/NDF : 2068332.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.674+/-0.049 χ^2/NDF : 2573066.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

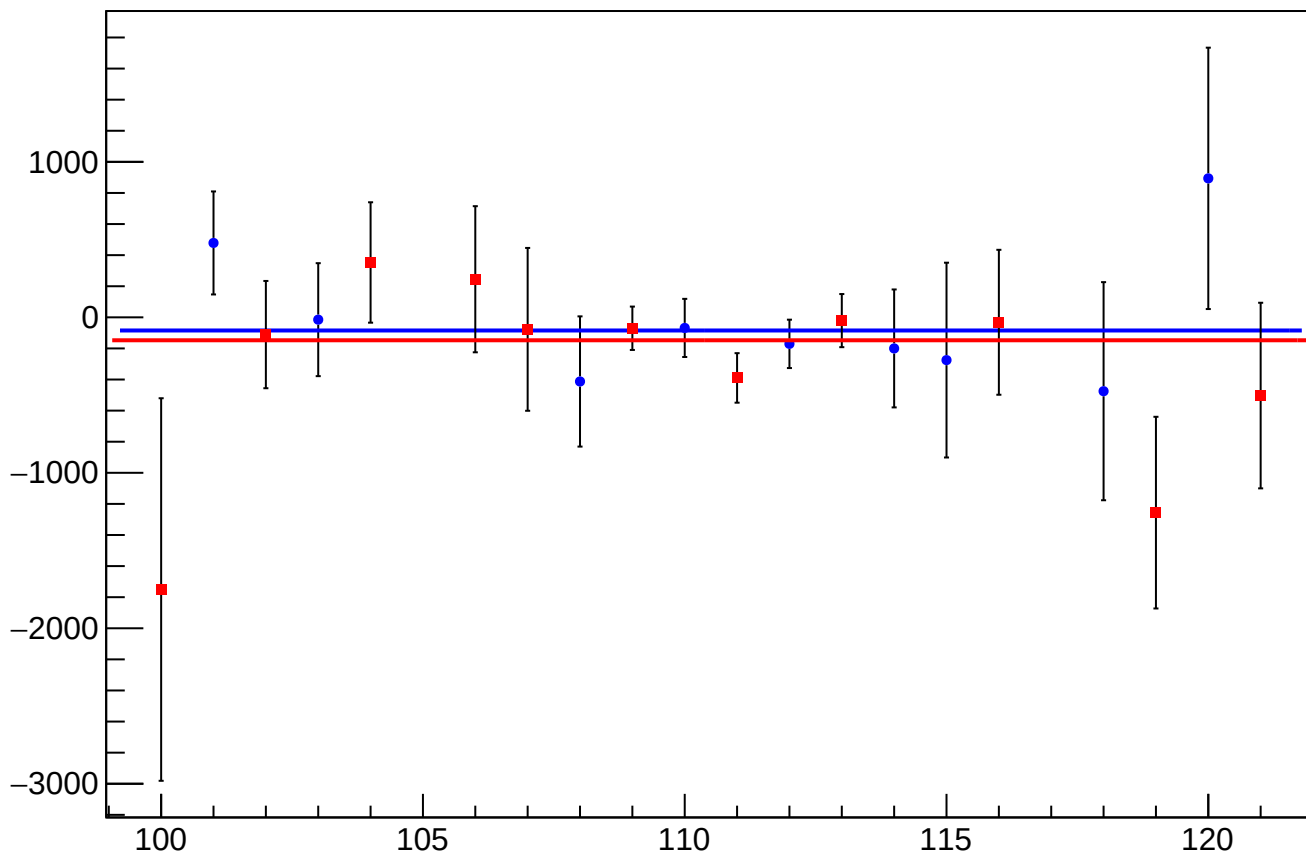
Right: 129.348+/-0.038 χ^2/NDF : 4689235.1/19

In: 139.730+/-0.061 χ^2/NDF :2068332.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.348+/-0.038 χ^2/NDF : 4689235.1/19

asym_sam8_mean vs Slug, Sign Corrected



Right In: -84.537+/-97.474 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.562+/-79.298 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

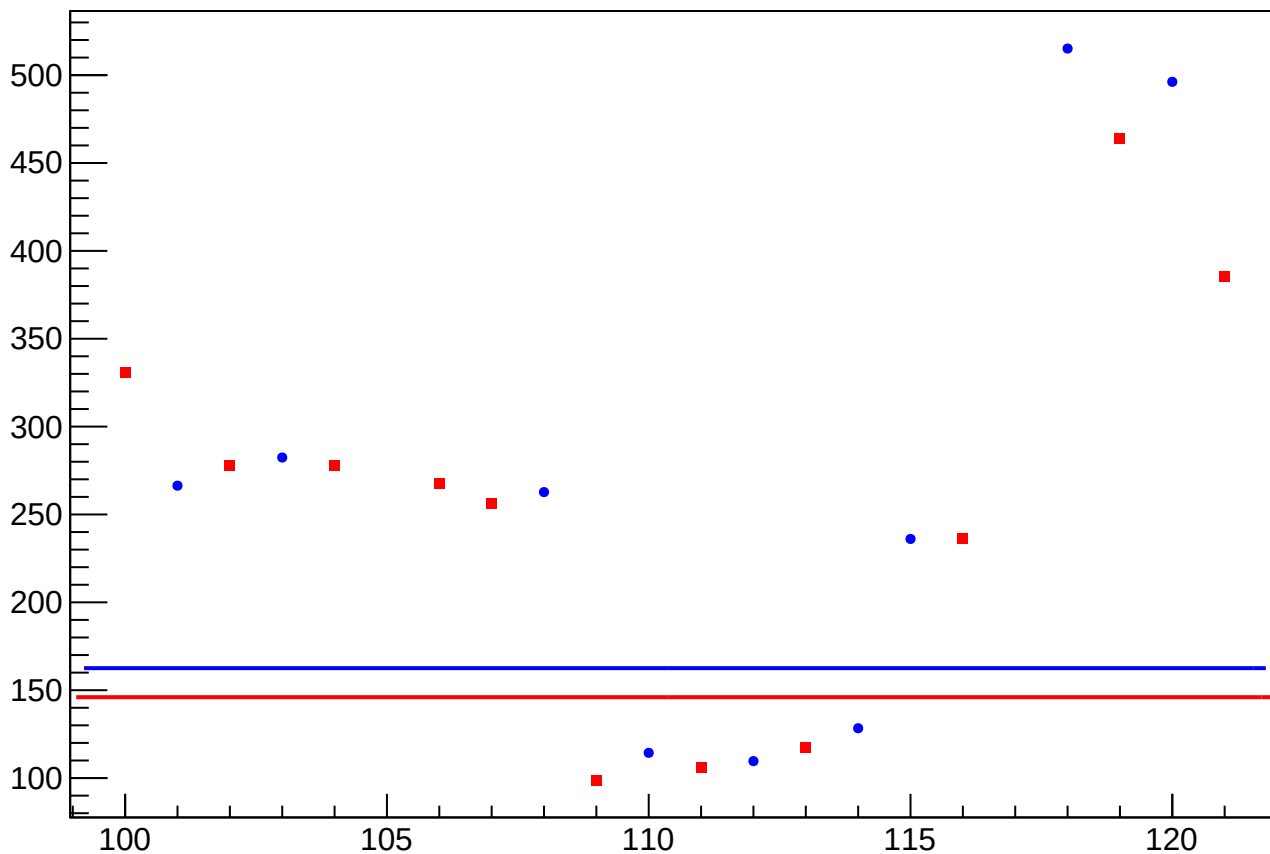
Right: -122.462+/-61.513 χ^2/NDF : 16.9/19

In: -84.537+/-97.474 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.462+/-61.513 χ^2/NDF : 16.9/19

asym_sam8_rms vs Slug, Sign Corrected



Right In: 162.546+/-0.069 χ^2/NDF : 1757080.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.024+/-0.056 χ^2/NDF : 2134114.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

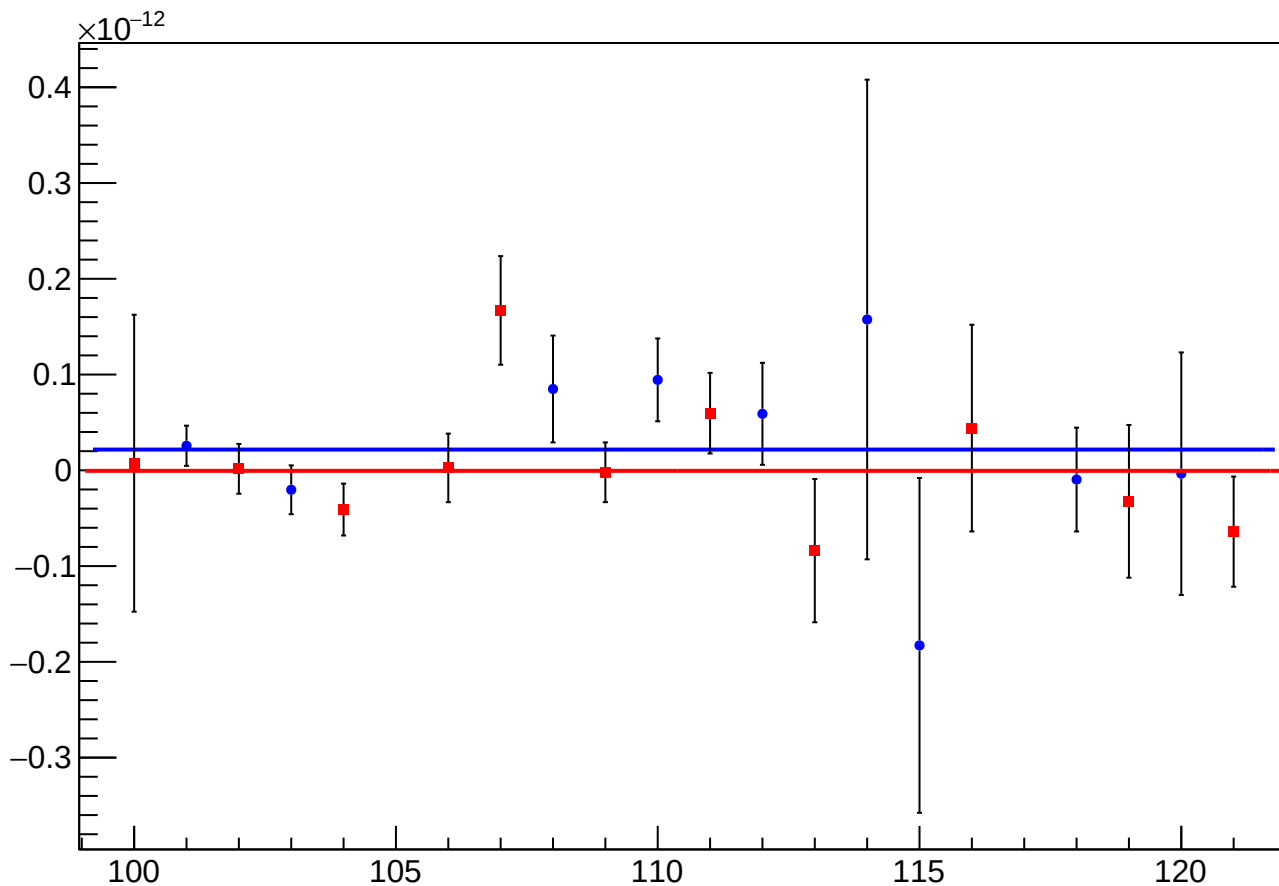
Right: 152.604+/-0.043 χ^2/NDF : 3925775.4/19

In: 162.546+/-0.069 χ^2/NDF : 1757080.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.604+/-0.043 χ^2/NDF : 3925775.4/19

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

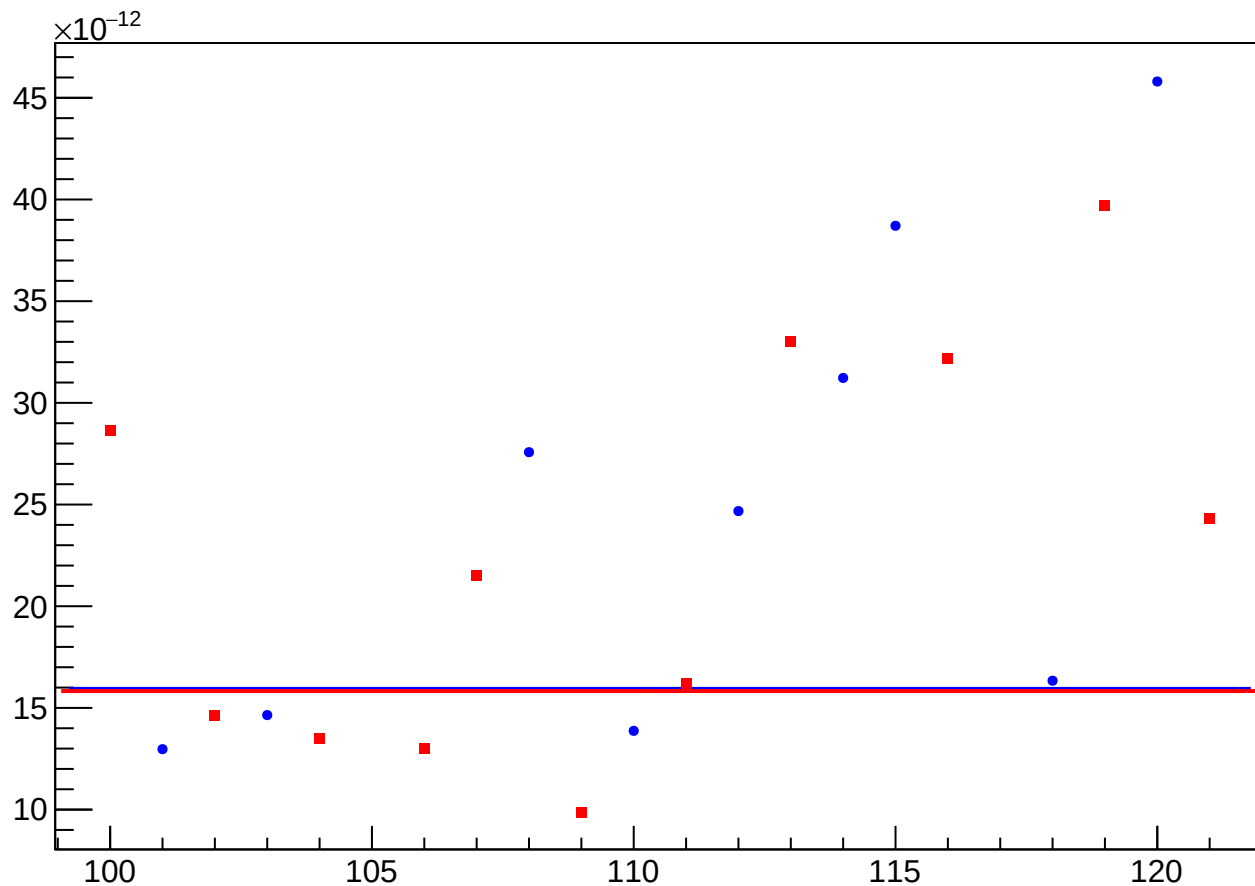
Right: 0.000+/-0.000 χ^2/NDF : 26.6/19

In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.6/19

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 343378.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 513304.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

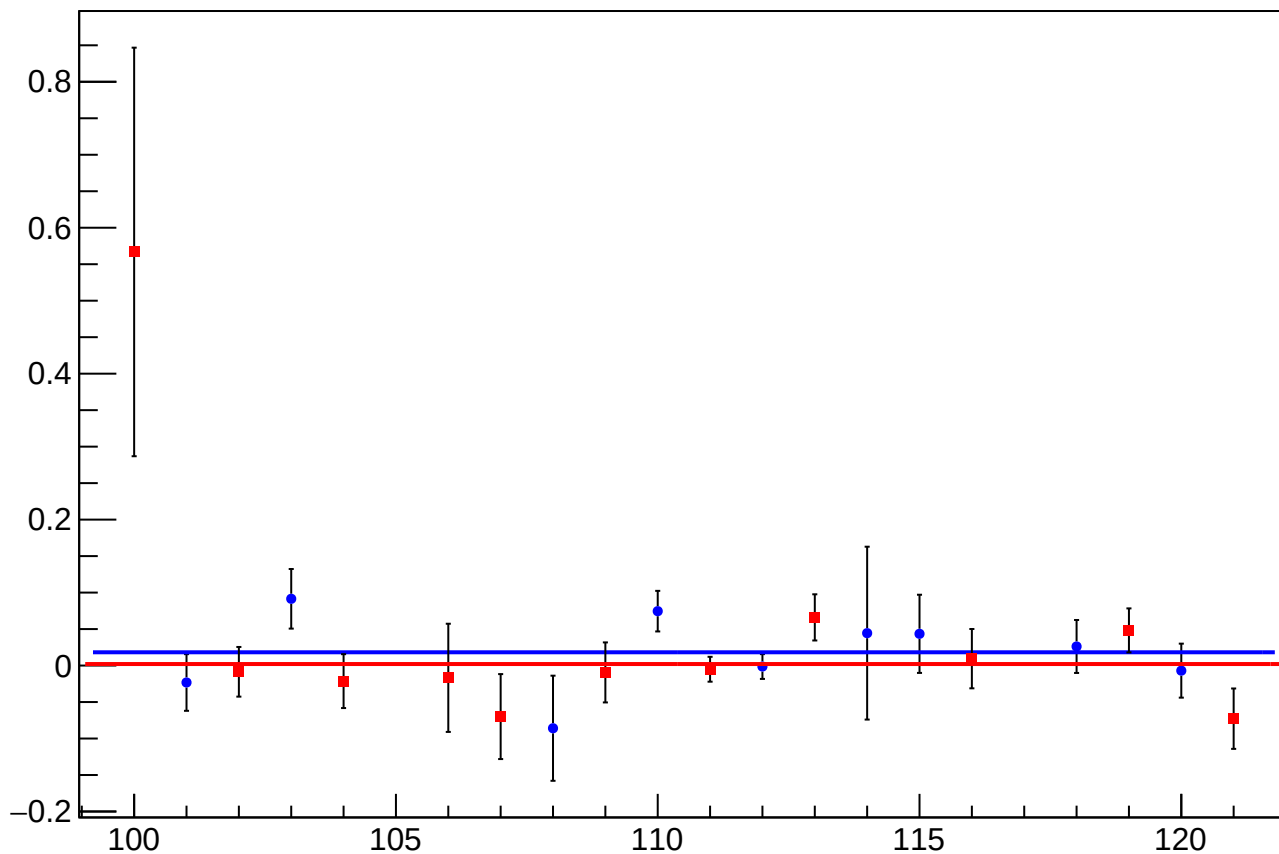
Right: 0.000+/-0.000 χ^2/NDF : 856747.3/19

In: 0.000+/-0.000 χ^2/NDF : 343378.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 856747.3/19

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

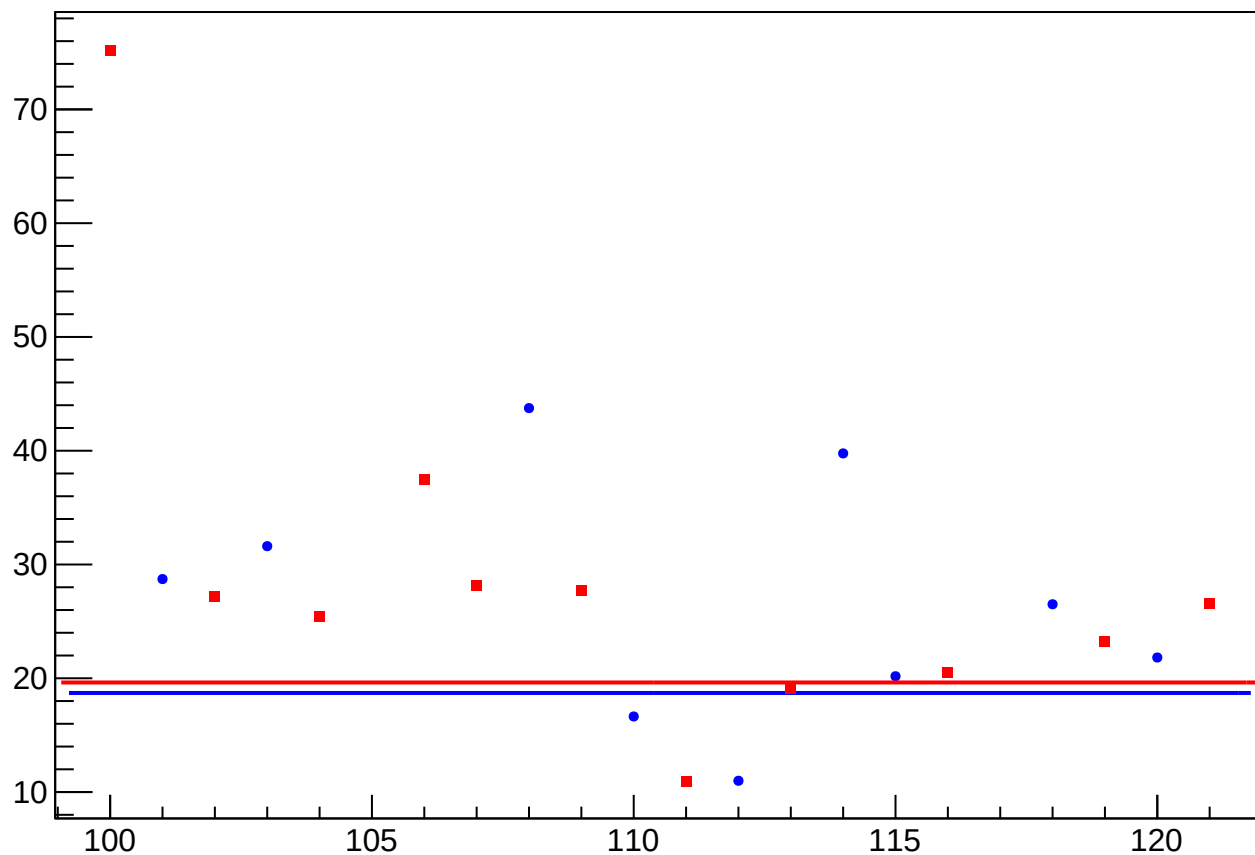
Right: 0.010+/-0.008 χ^2/NDF : 29.9/19

In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.008 χ^2/NDF : 29.9/19

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.632+/-0.007 χ^2/NDF : 1072508.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

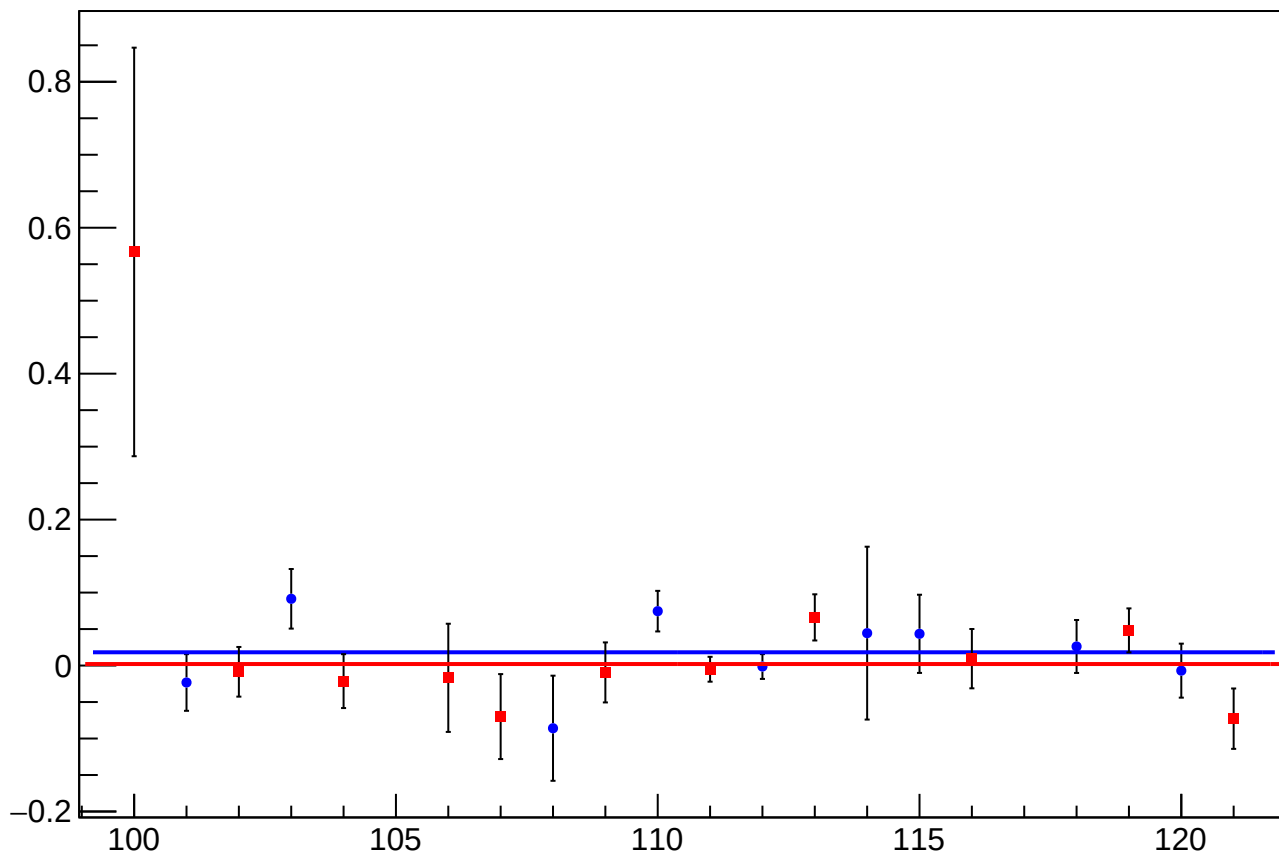
Right: 19.204+/-0.005 χ^2/NDF : 2249052.8/19

In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.204+/-0.005 χ^2/NDF : 2249052.8/19

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

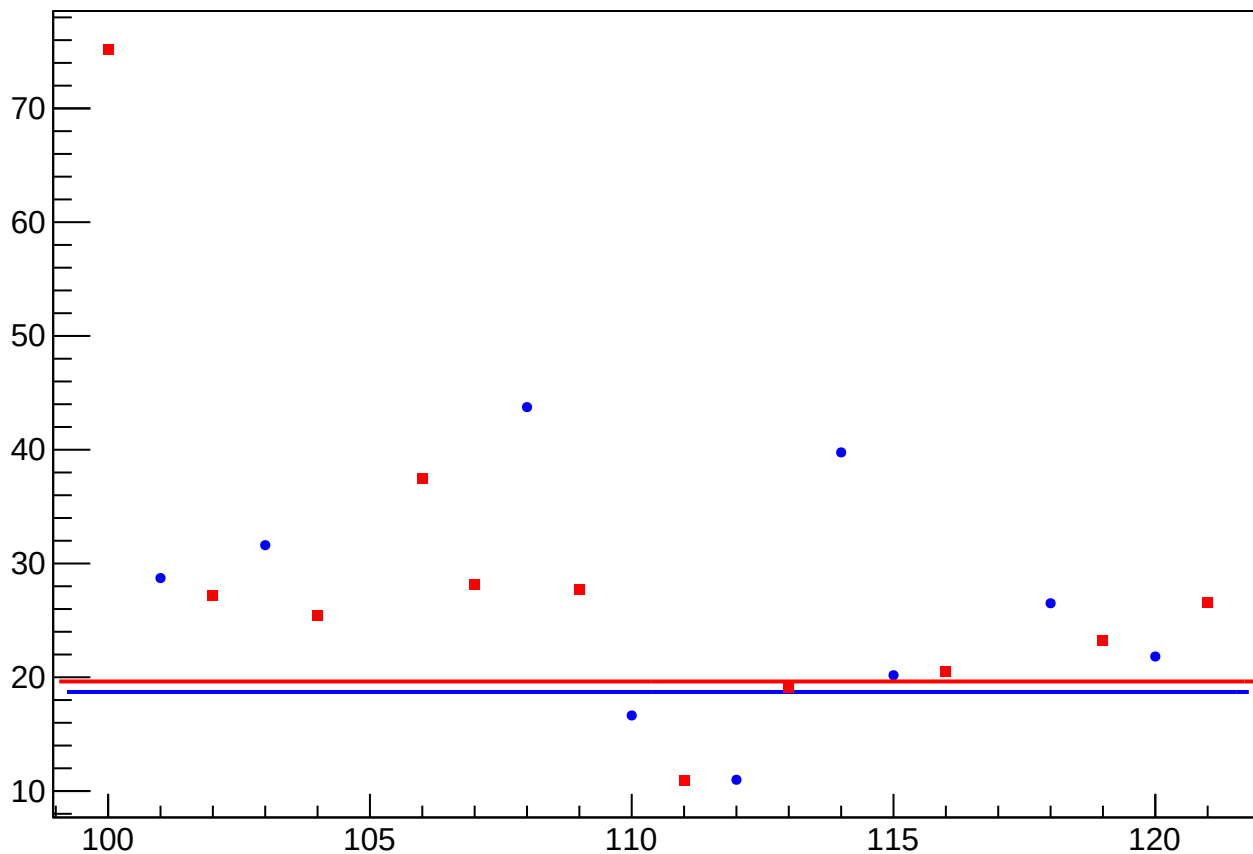
Right: 0.010+/-0.008 χ^2/NDF : 29.9/19

In: 0.018+/-0.011 χ^2/NDF :12.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.008 χ^2/NDF : 29.9/19

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.632+/-0.007 χ^2/NDF : 1072508.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

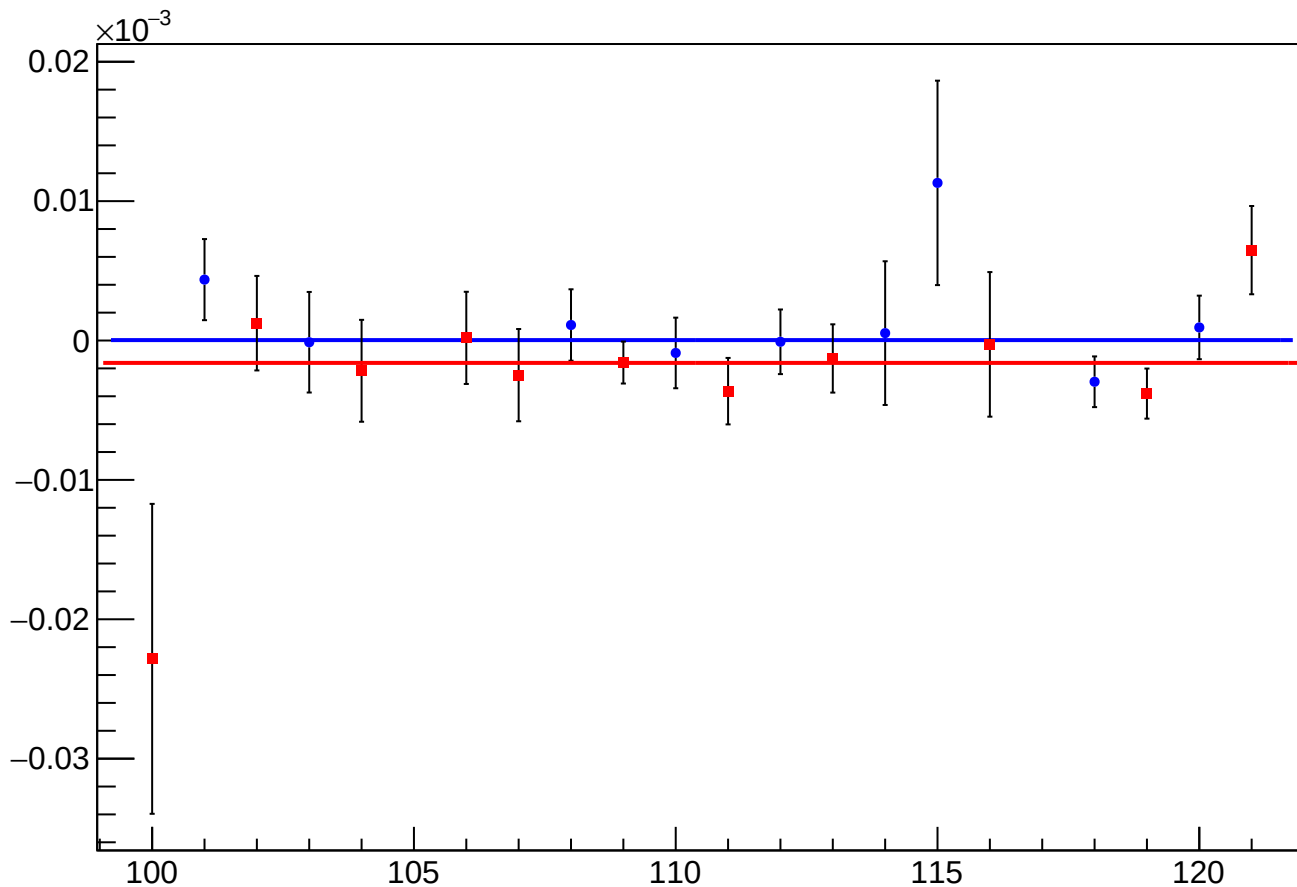
Right: 19.204+/-0.005 χ^2/NDF : 2249052.8/19

In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.204+/-0.005 χ^2/NDF : 2249052.8/19

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

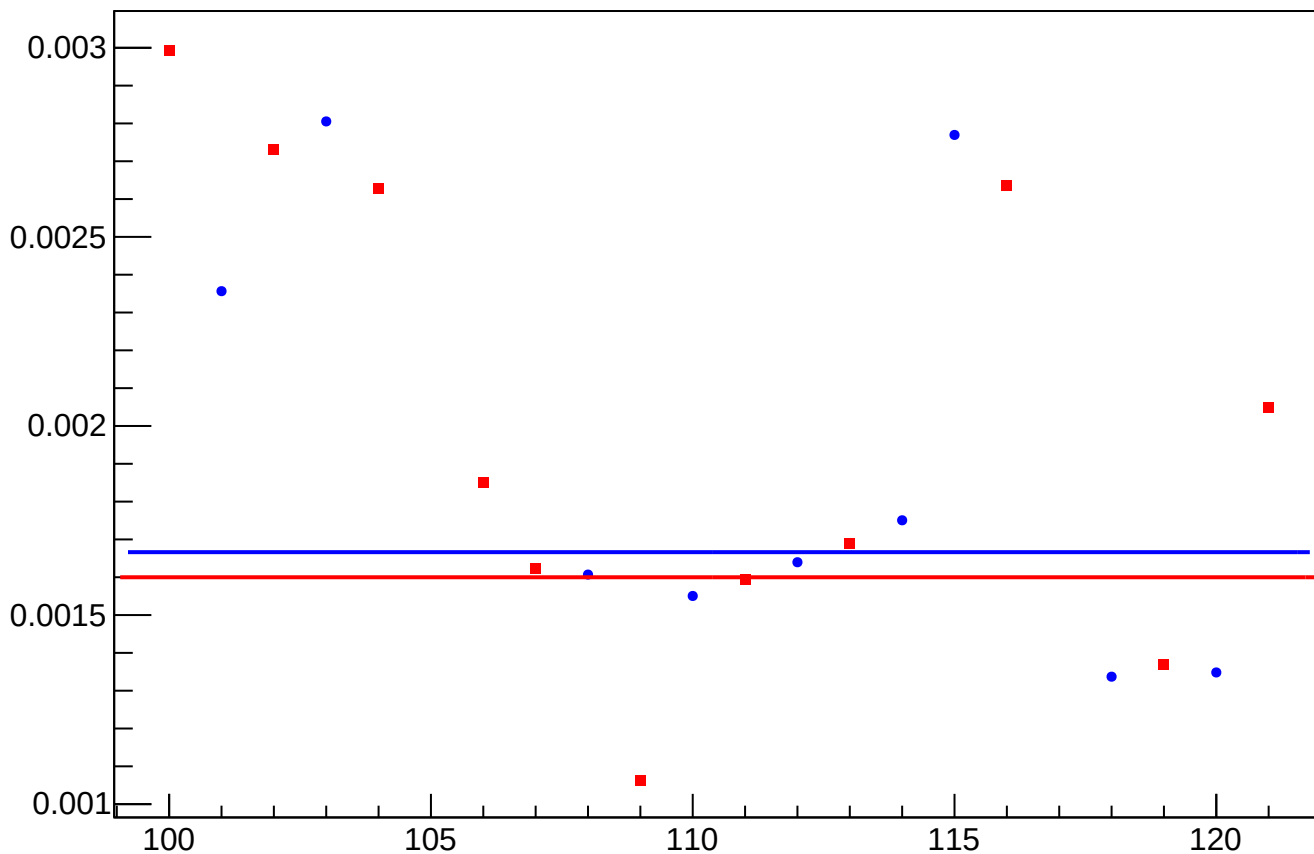
Right: -0.000+/-0.000 χ^2/NDF : 23.2/19

In: 0.000+/-0.000 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/19

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 467657.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 833800.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

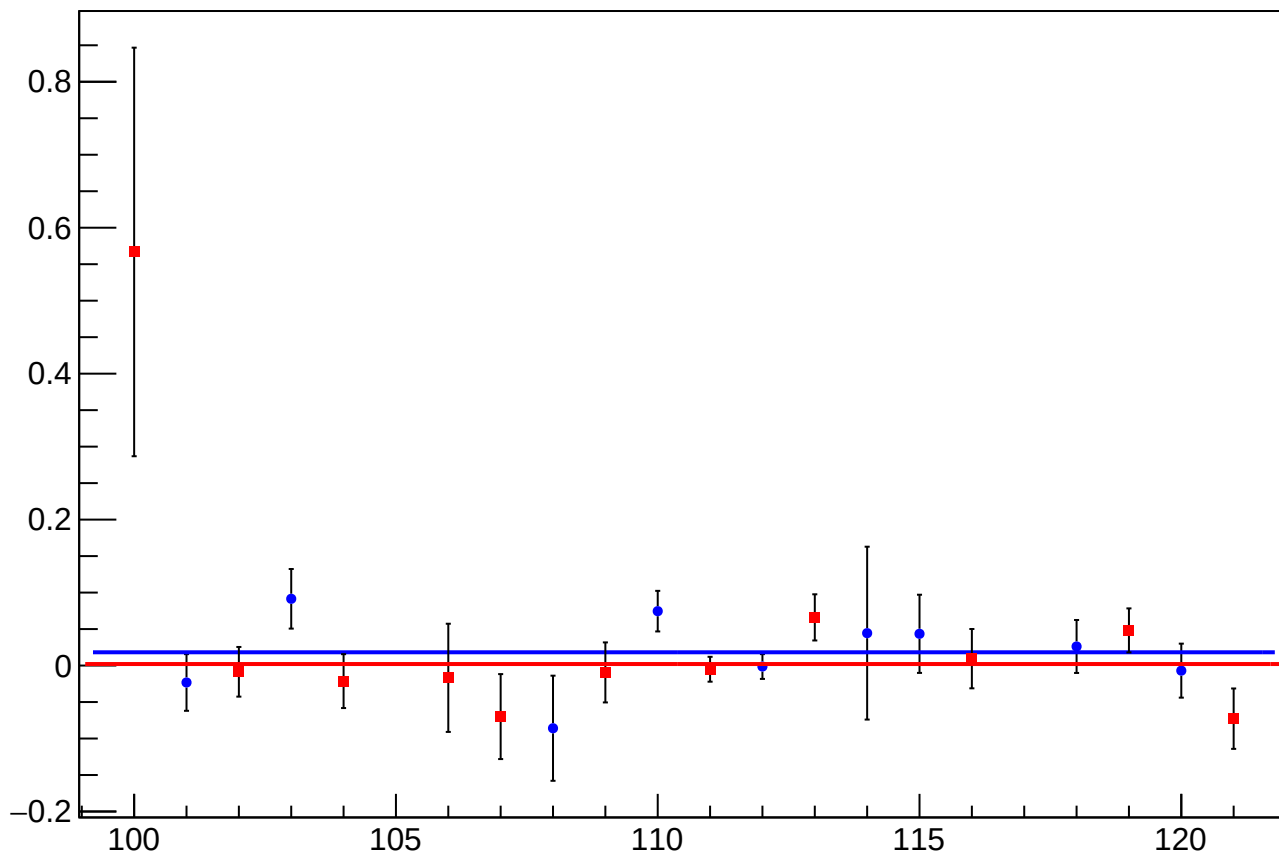
Right: 0.002+/-0.000 χ^2/NDF : 1307586.6/19

In: 0.002+/-0.000 χ^2/NDF :467657.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1307586.6/19

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.010 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

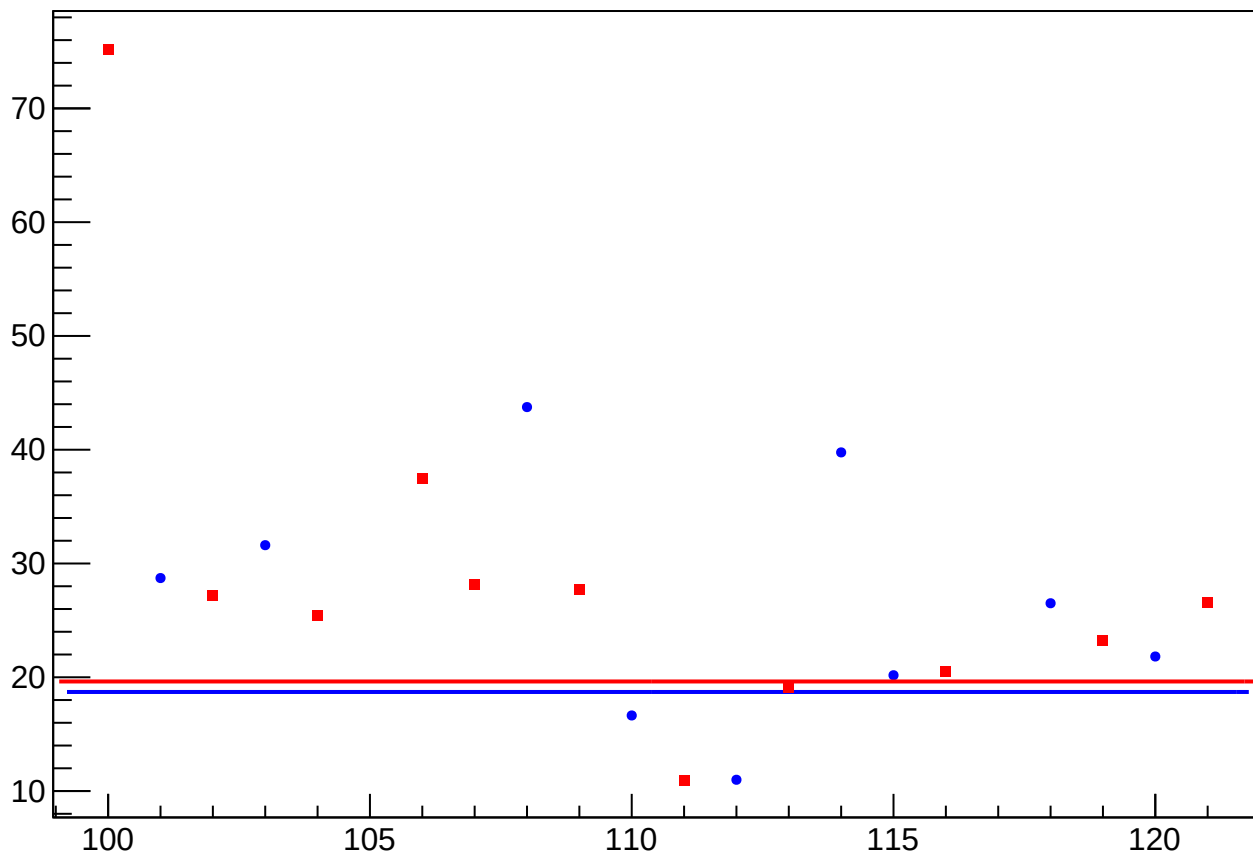
Right: 0.010+/-0.008 χ^2/NDF : 29.9/19

In: 0.018+/-0.011 χ^2/NDF :12.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.008 χ^2/NDF : 29.9/19

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.631+/-0.007 χ^2/NDF : 1072646.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

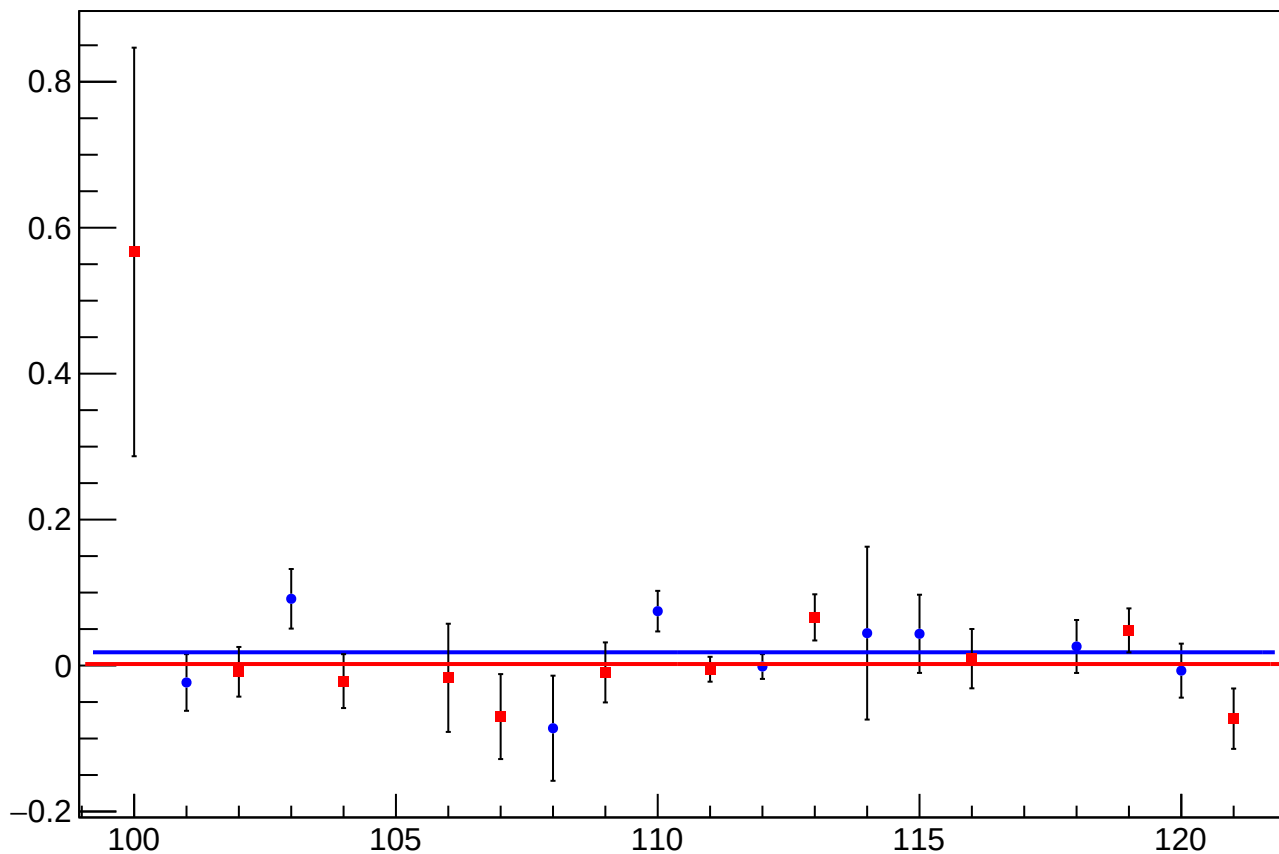
Right: 19.203+/-0.005 χ^2/NDF : 2249315.3/19

In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.203+/-0.005 χ^2/NDF : 2249315.3/19

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.011 χ^2 /NDF: 12.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.010 χ^2 /NDF: 16.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

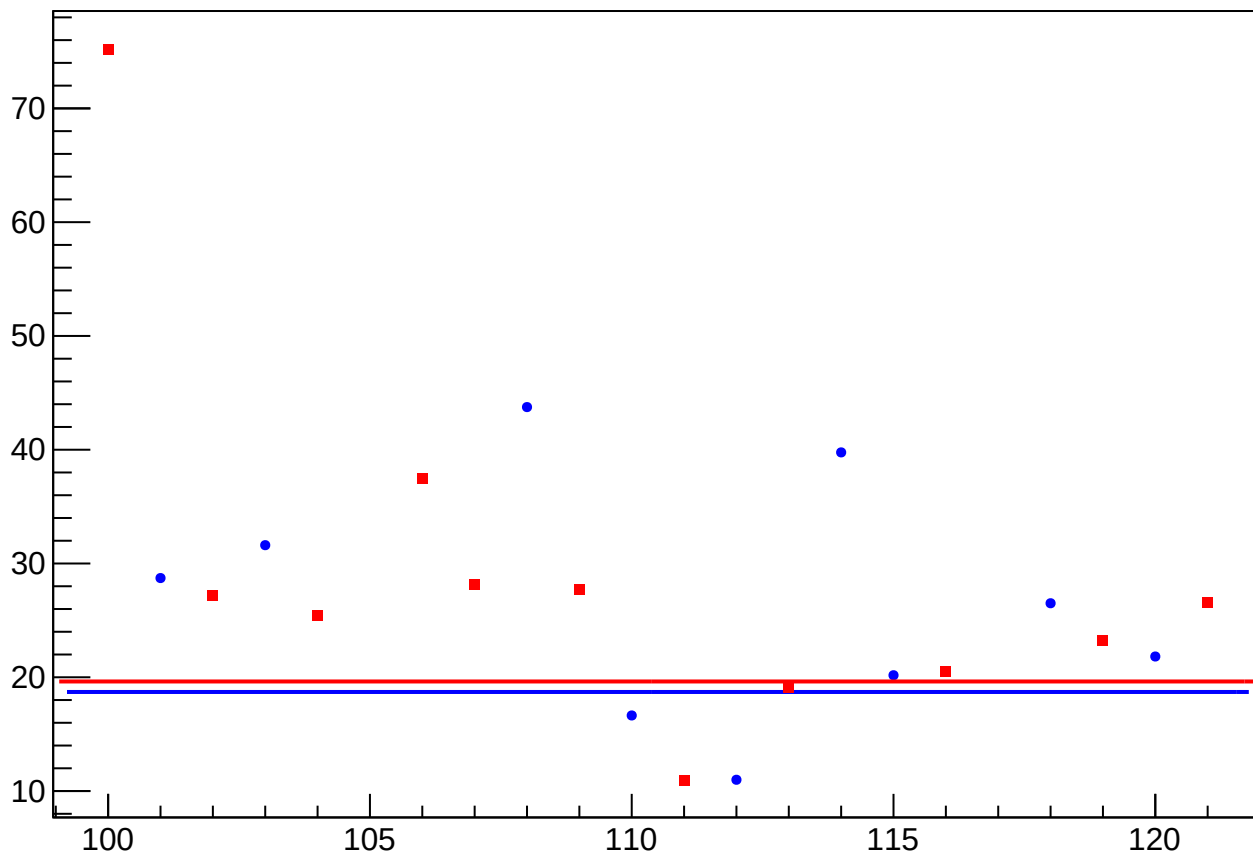
Right: 0.010 $\pm$ 0.008 χ^2 /NDF: 29.9/19

In: 0.018 $\pm$ 0.011 χ^2 /NDF:12.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 29.9/19

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.631+/-0.007 χ^2/NDF : 1072646.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

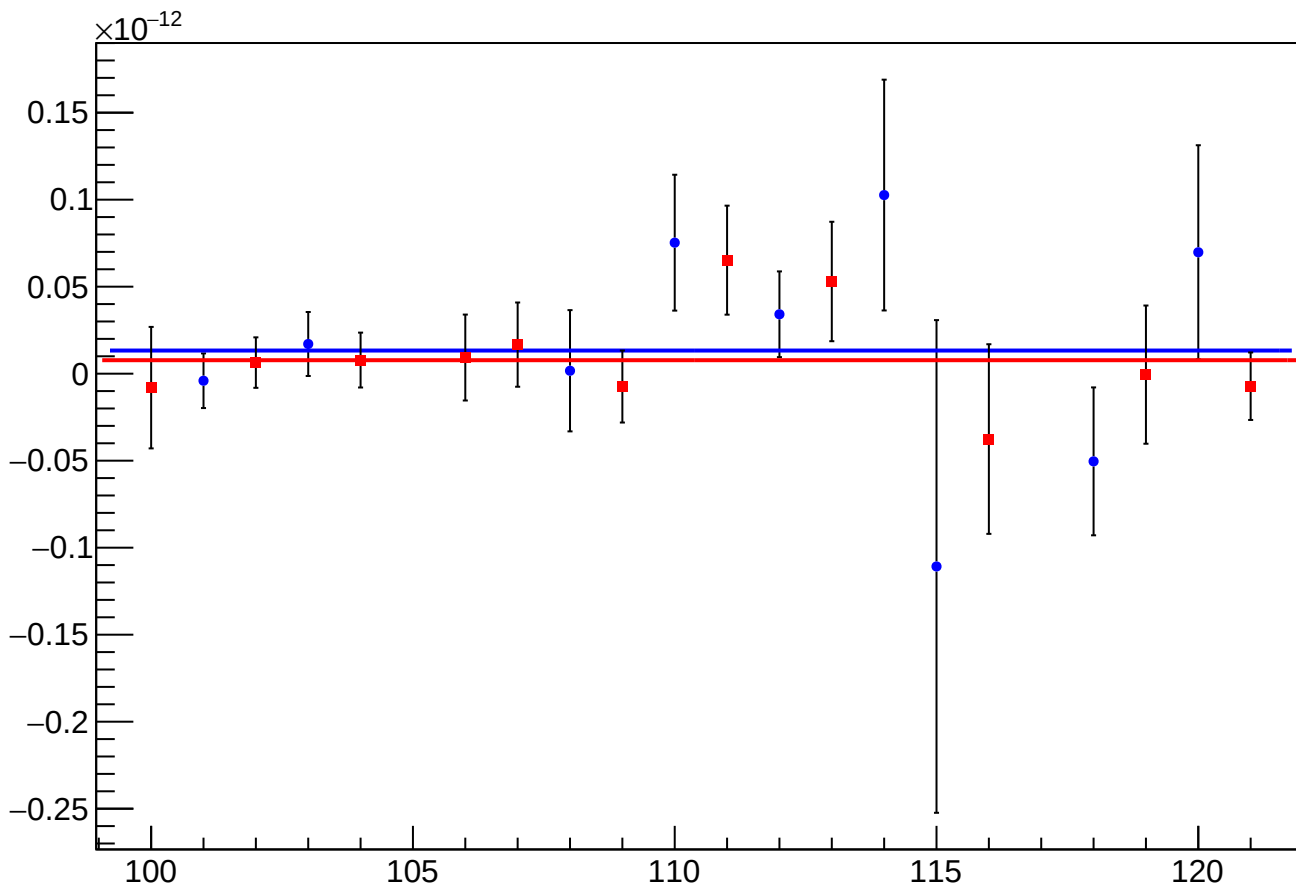
Right: 19.203+/-0.005 χ^2/NDF : 2249315.3/19

In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.203+/-0.005 χ^2/NDF : 2249315.3/19

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

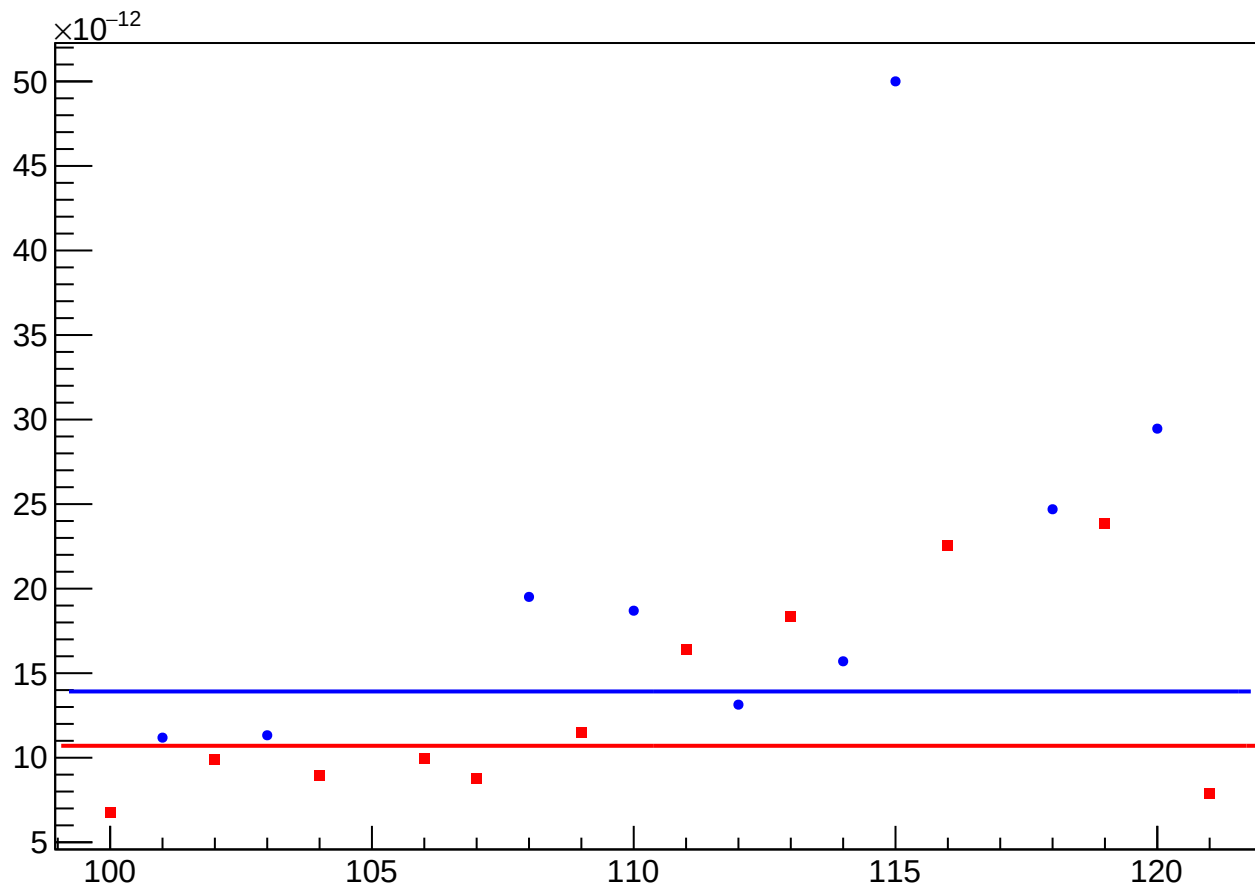
Right: 0.000+/-0.000 χ^2/NDF : 17.8/19

In: 0.000+/-0.000 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/19

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 571368.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 595869.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

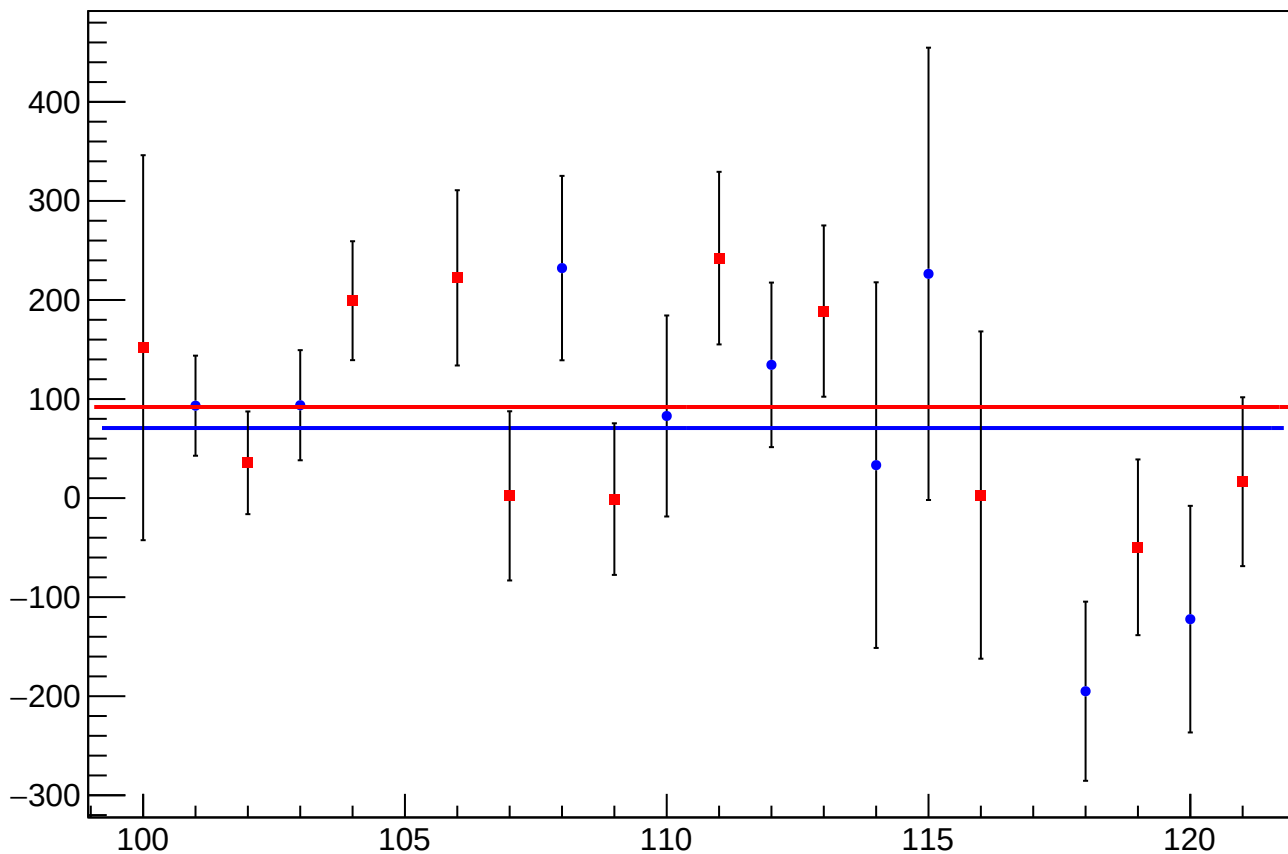
Right: 0.000+/-0.000 χ^2/NDF : 1317853.2/19

In: 0.000+/-0.000 χ^2/NDF : 571368.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1317853.2/19

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.733+/-27.523 χ^2/NDF : 16.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.967+/-24.407 χ^2/NDF : 17.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

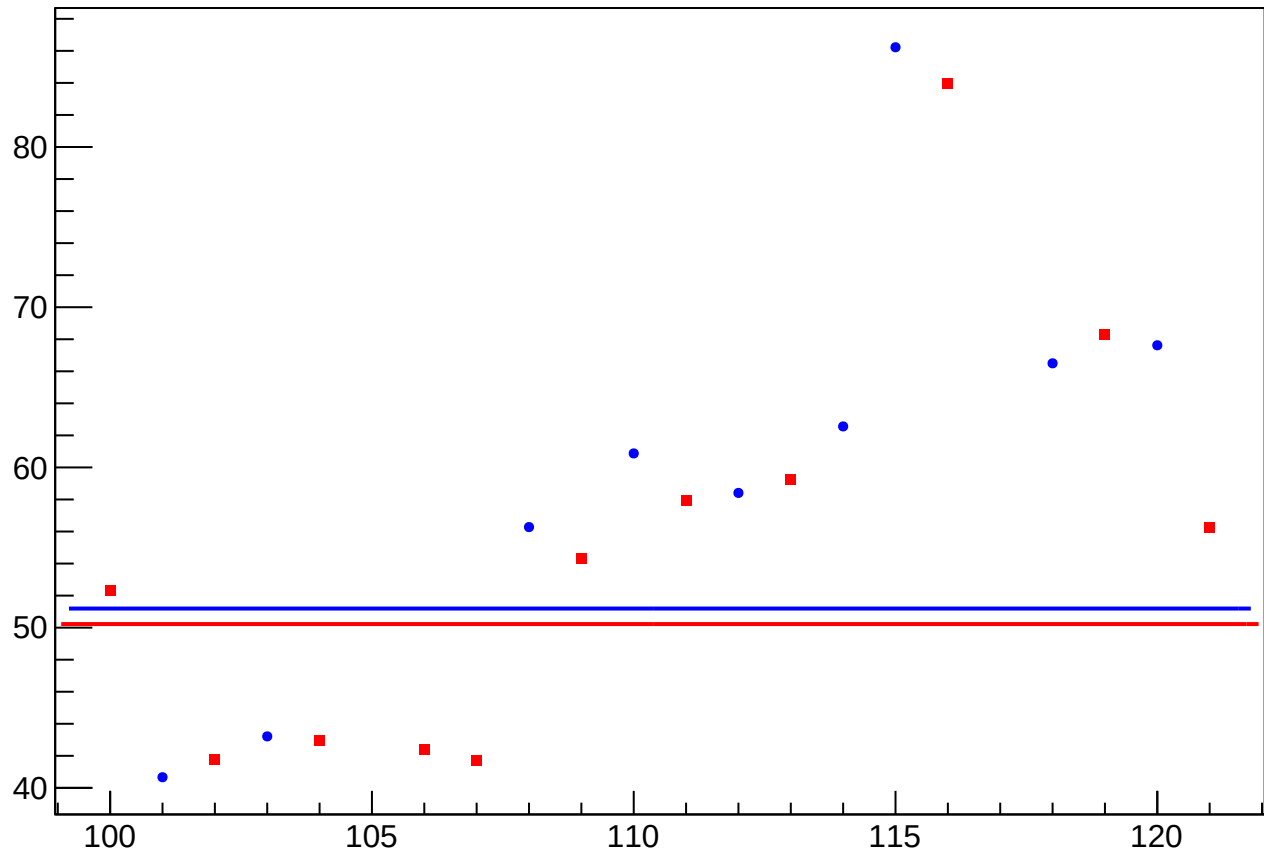
Right: 82.619+/-18.261 χ^2/NDF : 33.4/19

In: 70.733+/-27.523 χ^2/NDF : 16.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.619+/-18.261 χ^2/NDF : 33.4/19

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.192+/-0.019 χ^2/NDF : 320574.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.224+/-0.017 χ^2/NDF : 338017.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

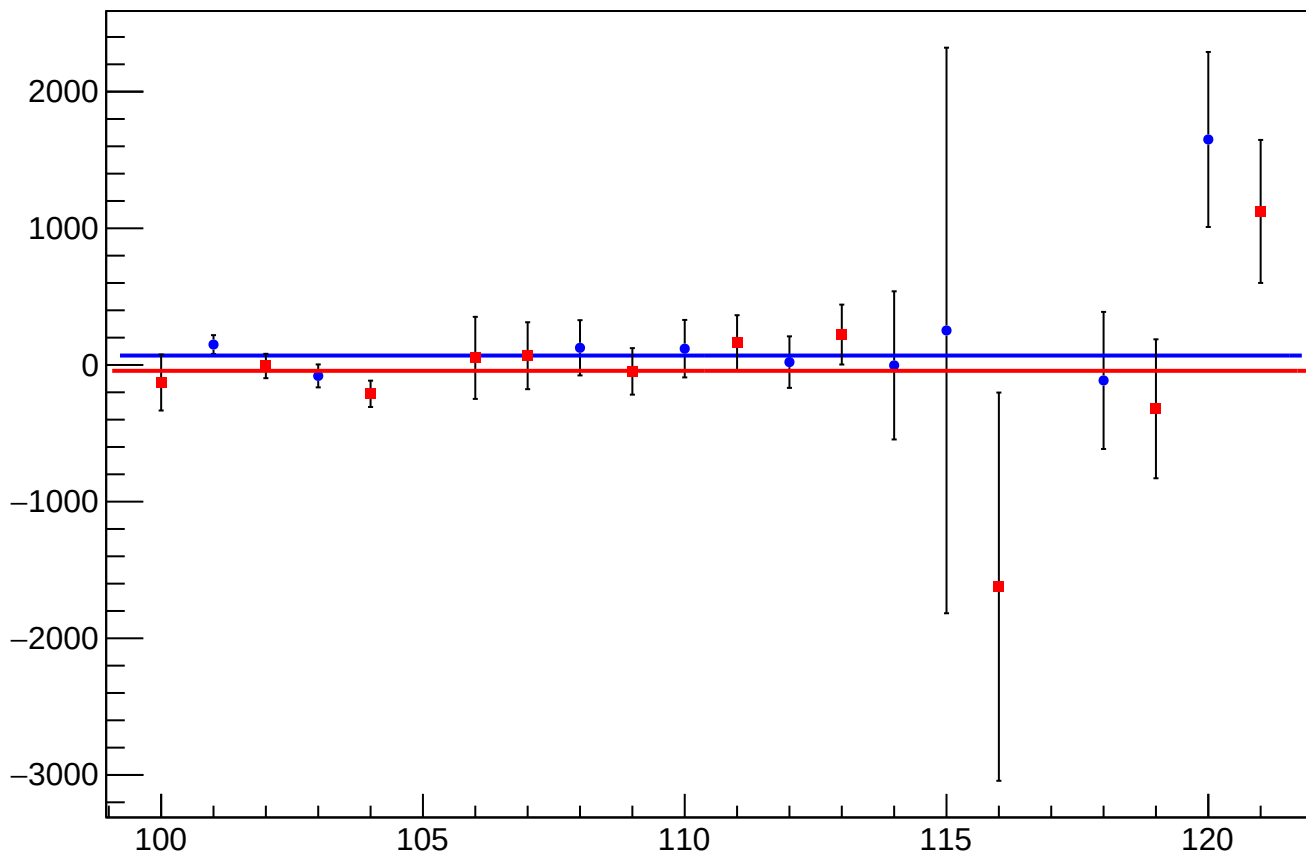
Right: 50.650+/-0.013 χ^2/NDF : 659978.9/19

In: 51.192+/-0.019 χ^2/NDF : 320574.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.650+/-0.013 χ^2/NDF : 659978.9/19

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 68.977+/-47.760 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.826+/-51.769 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

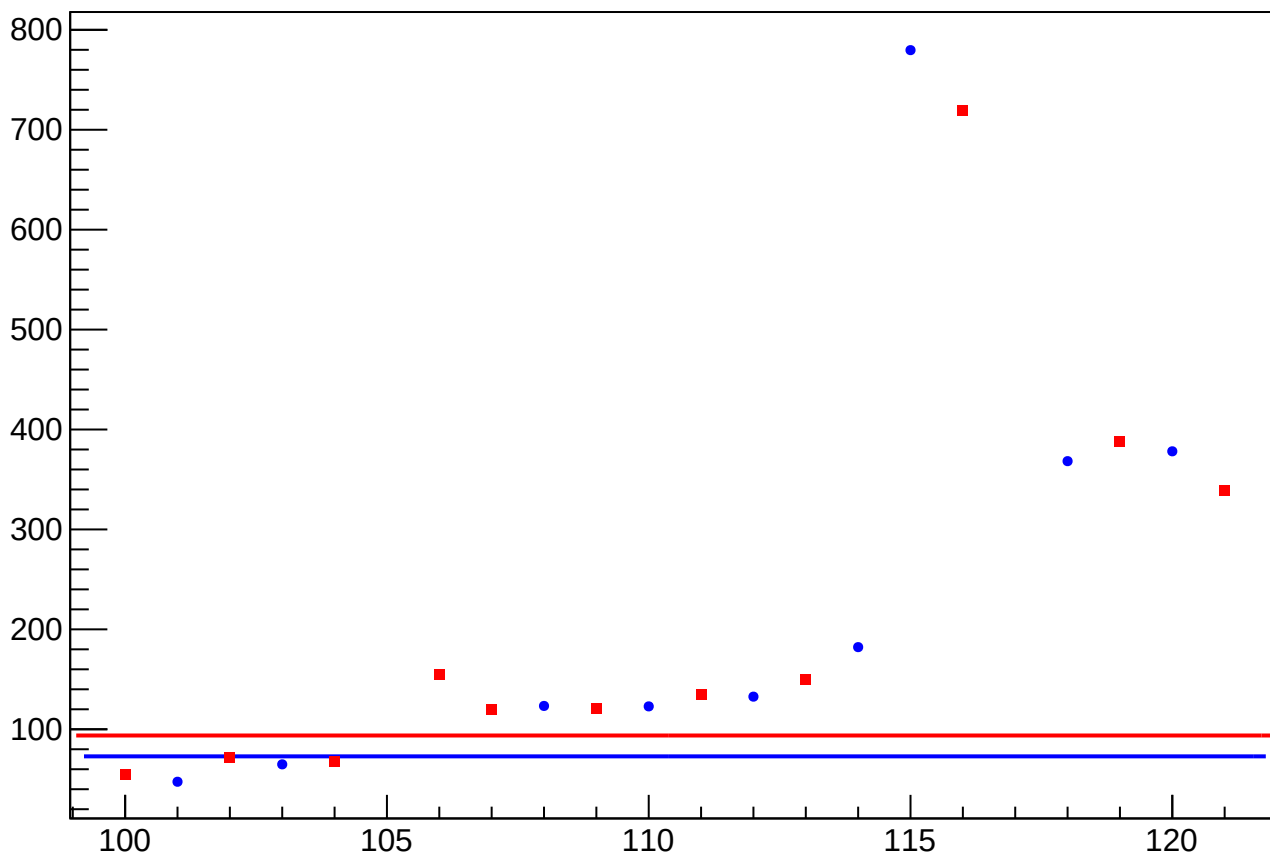
Right: 17.571+/-35.103 χ^2/NDF : 26.2/19

In: 68.977+/-47.760 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.571+/-35.103 χ^2/NDF : 26.2/19

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 72.895+/-0.034 χ^2/NDF : 2193293.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.771+/-0.037 χ^2/NDF : 2215909.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

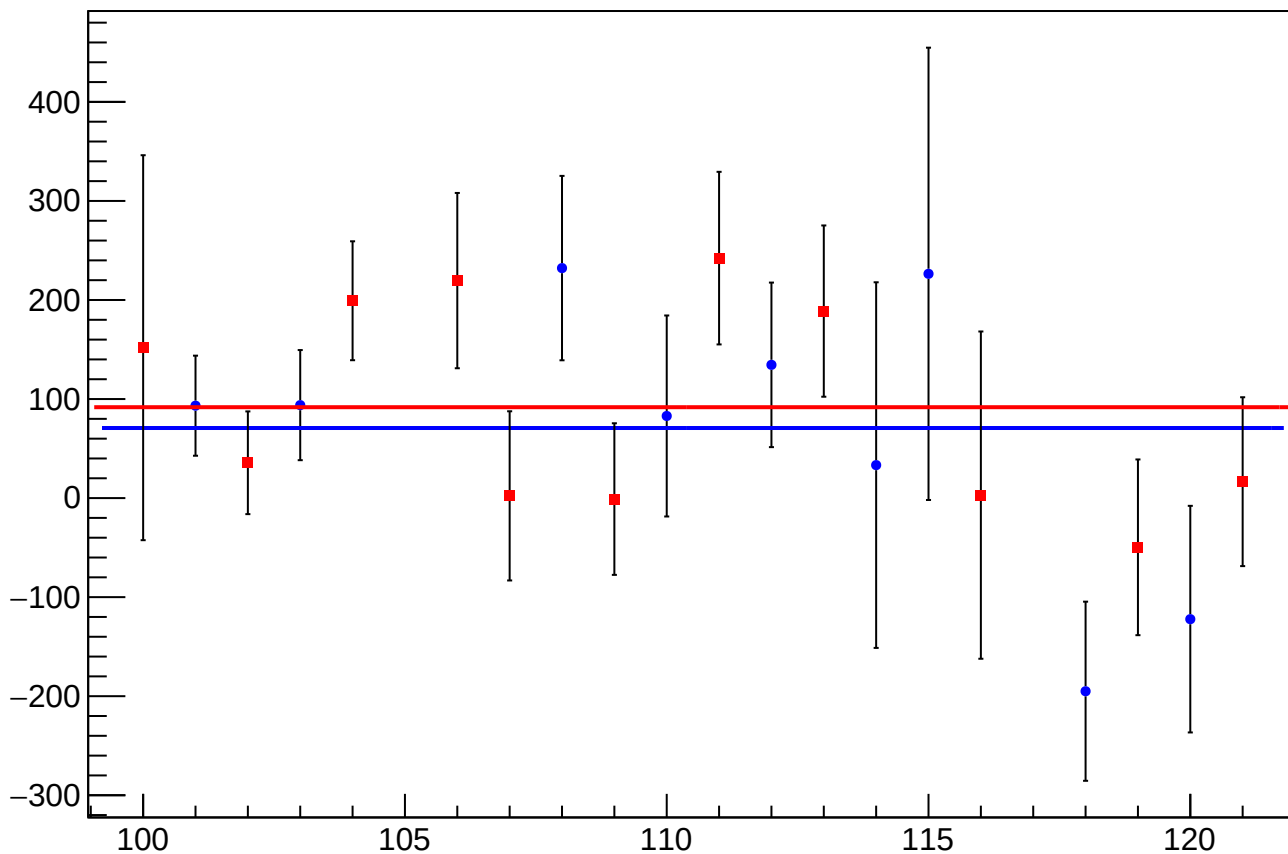
Right: 82.493+/-0.025 χ^2/NDF : 4584905.0/19

In: 72.895+/-0.034 χ^2/NDF : 2193293.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.493+/-0.025 χ^2/NDF : 4584905.0/19

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.761+/-24.410 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

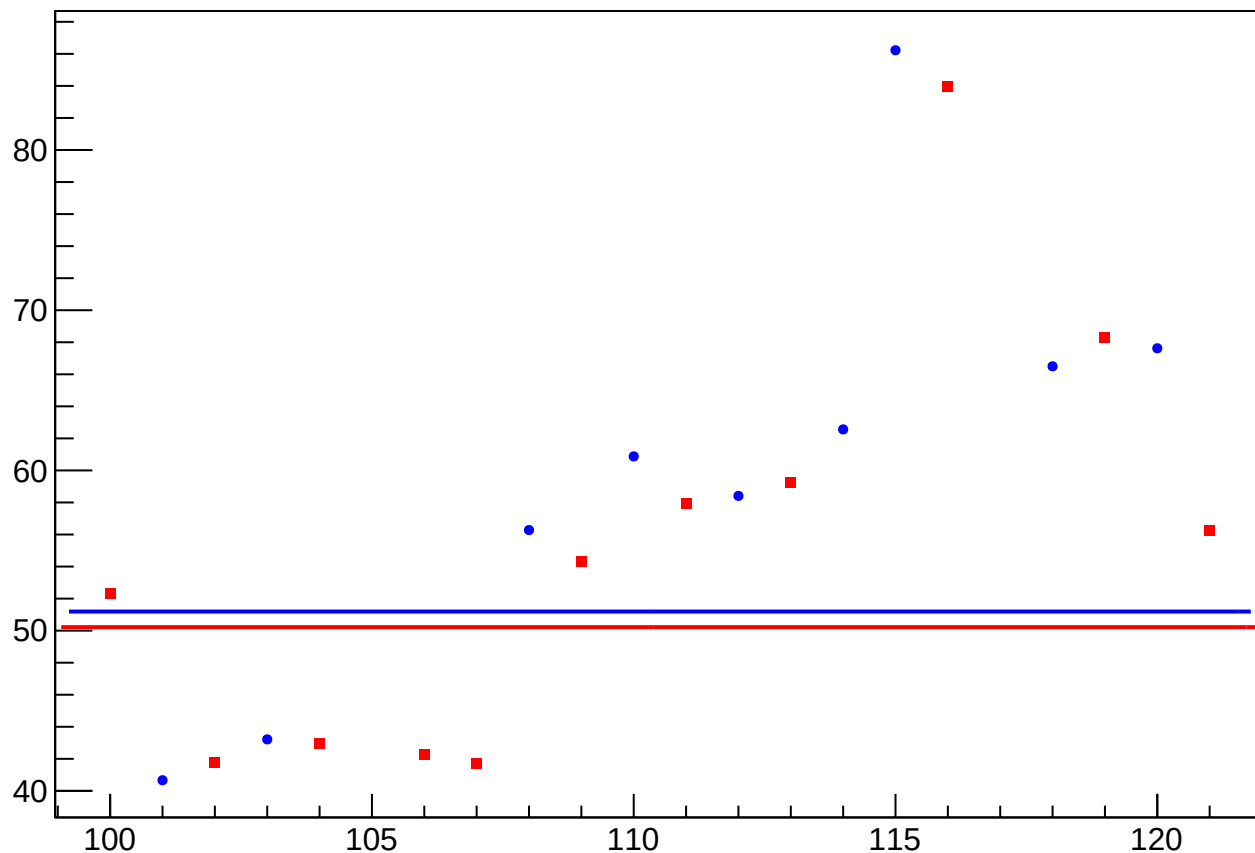
Right: 82.513+/-18.262 χ^2/NDF : 33.3/19

In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.513+/-18.262 χ^2/NDF : 33.3/19

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.192+/-0.019 χ^2/NDF : 320574.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.220+/-0.017 χ^2/NDF : 338259.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

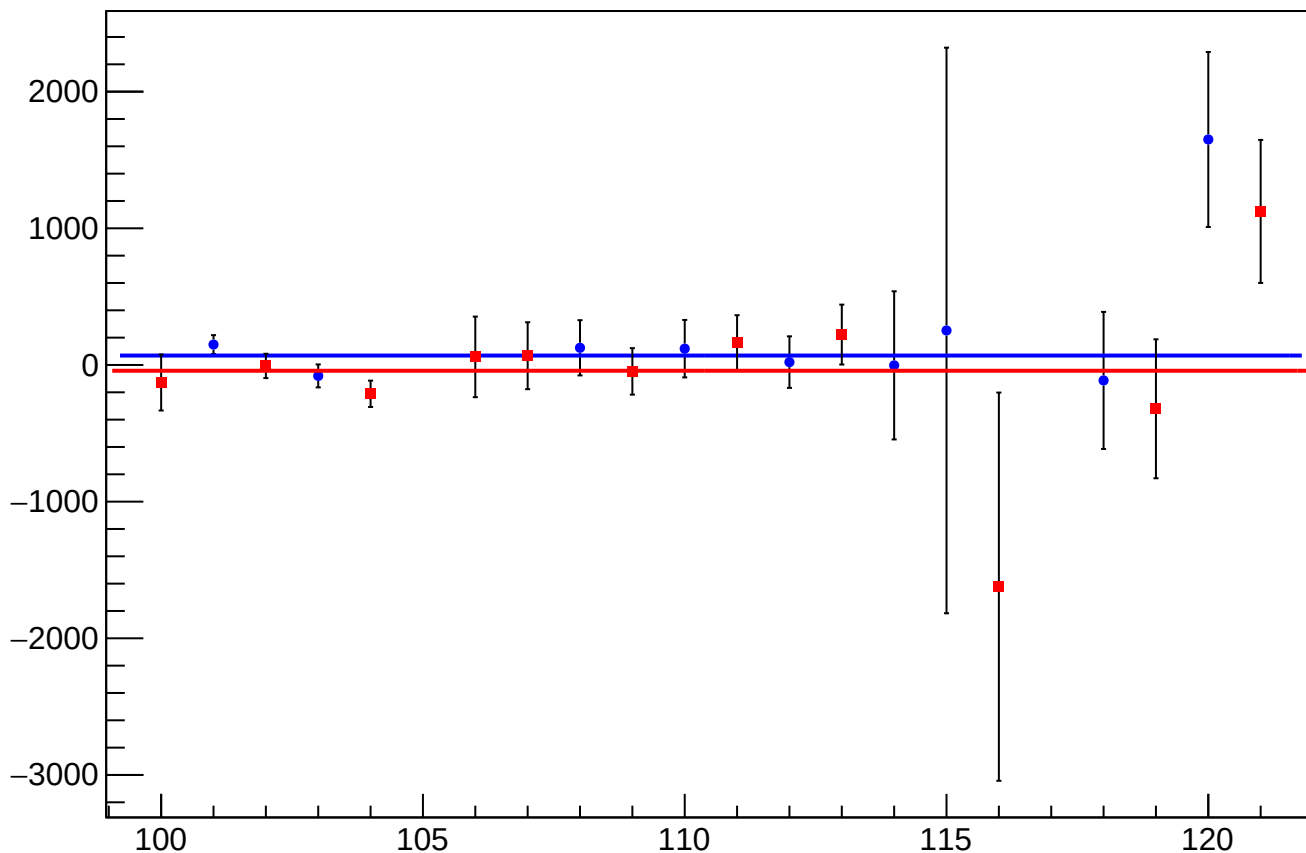
Right: 50.648+/-0.013 χ^2/NDF : 660231.4/19

In: 51.192+/-0.019 χ^2/NDF : 320574.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.648+/-0.013 χ^2/NDF : 660231.4/19

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.329+/-51.722 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

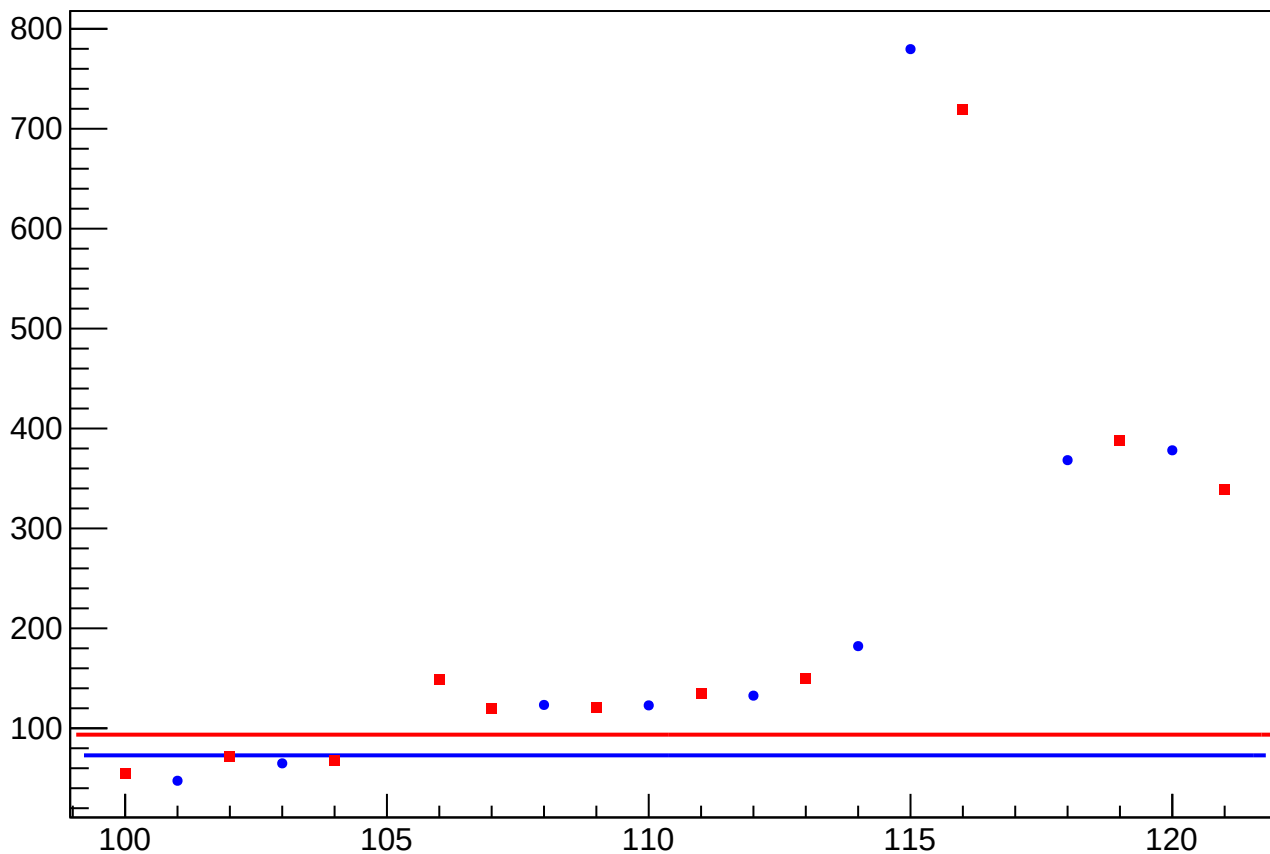
Right: 17.753+/-35.088 χ^2/NDF : 26.2/19

In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.753+/-35.088 χ^2/NDF : 26.2/19

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.608+/-0.037 χ^2/NDF : 2204089.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

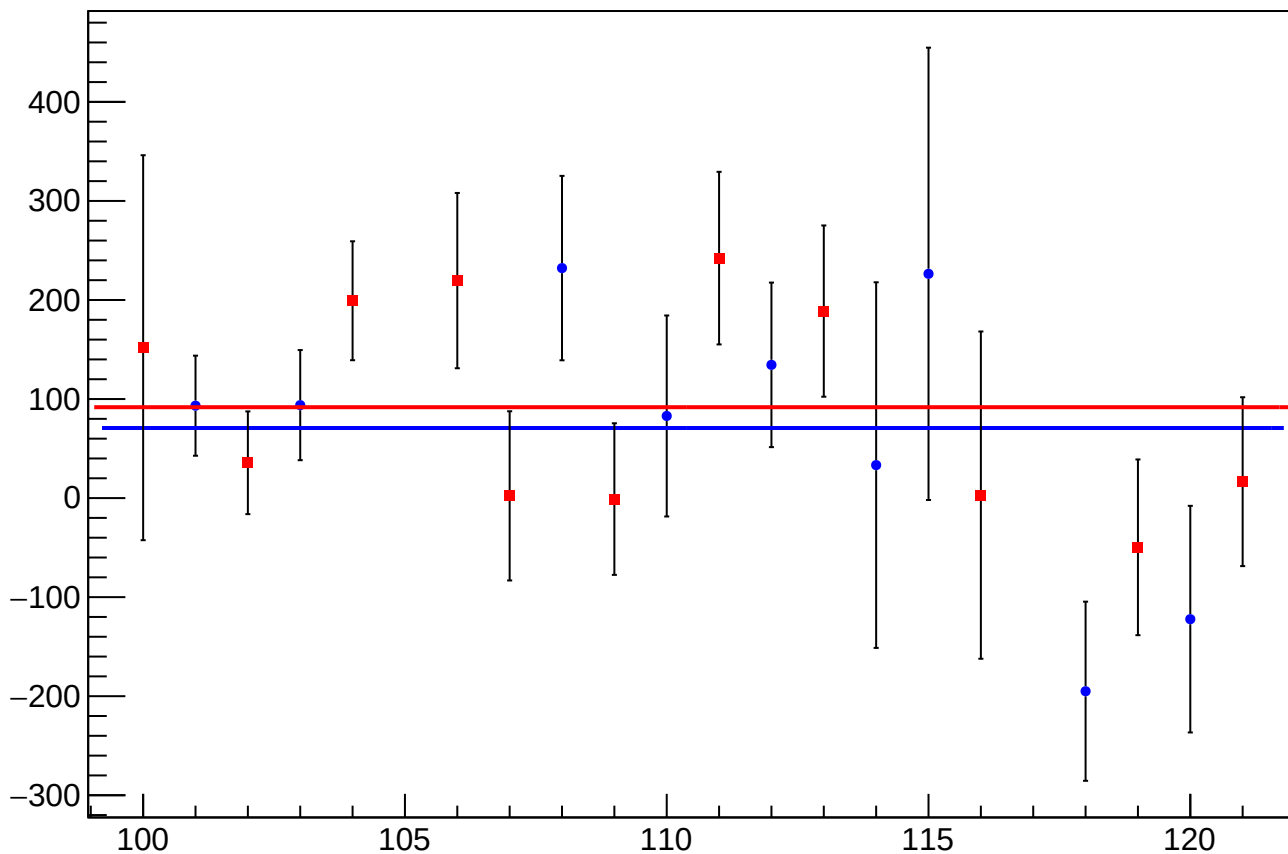
Right: 82.426+/-0.025 χ^2/NDF : 4570576.7/19

In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.426+/-0.025 χ^2/NDF : 4570576.7/19

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.761+/-24.410 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

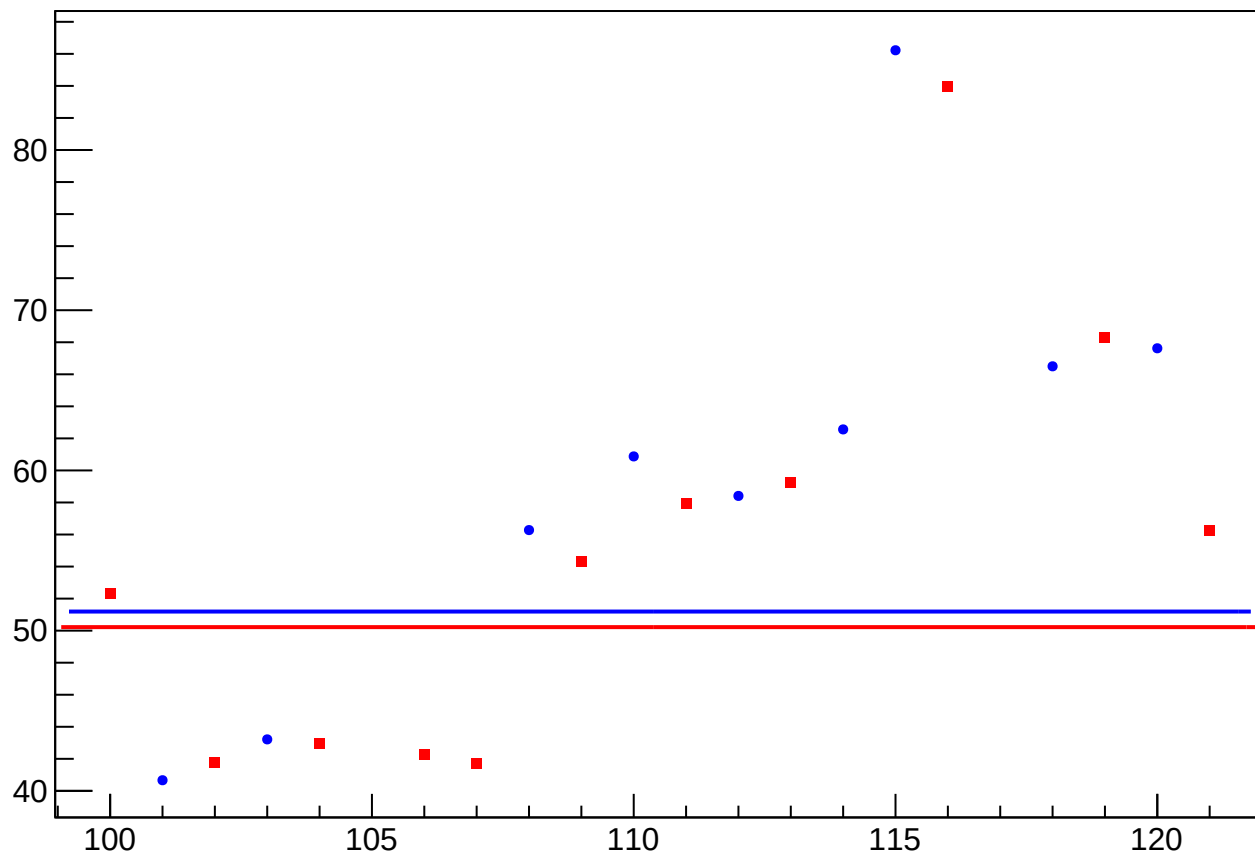
Right: 82.513+/-18.262 χ^2/NDF : 33.3/19

In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.513+/-18.262 χ^2/NDF : 33.3/19

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.192 $\pm$ 0.019 χ^2 /NDF: 320574.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.220 $\pm$ 0.017 χ^2 /NDF: 338259.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

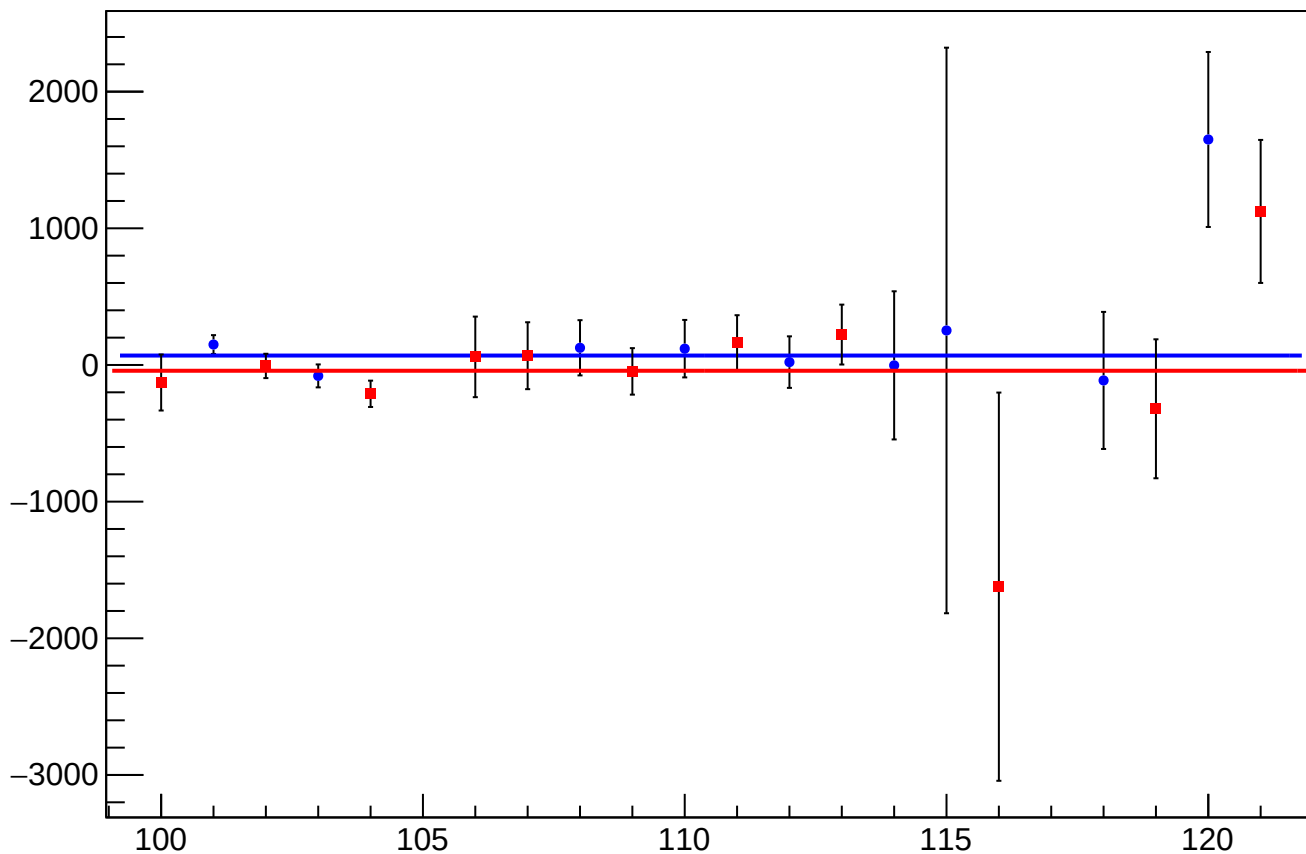
Right: 50.648 $\pm$ 0.013 χ^2 /NDF: 660231.4/19

In: 51.192 $\pm$ 0.019 χ^2 /NDF:320574.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.648 $\pm$ 0.013 χ^2 /NDF: 660231.4/19

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.329+/-51.722 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

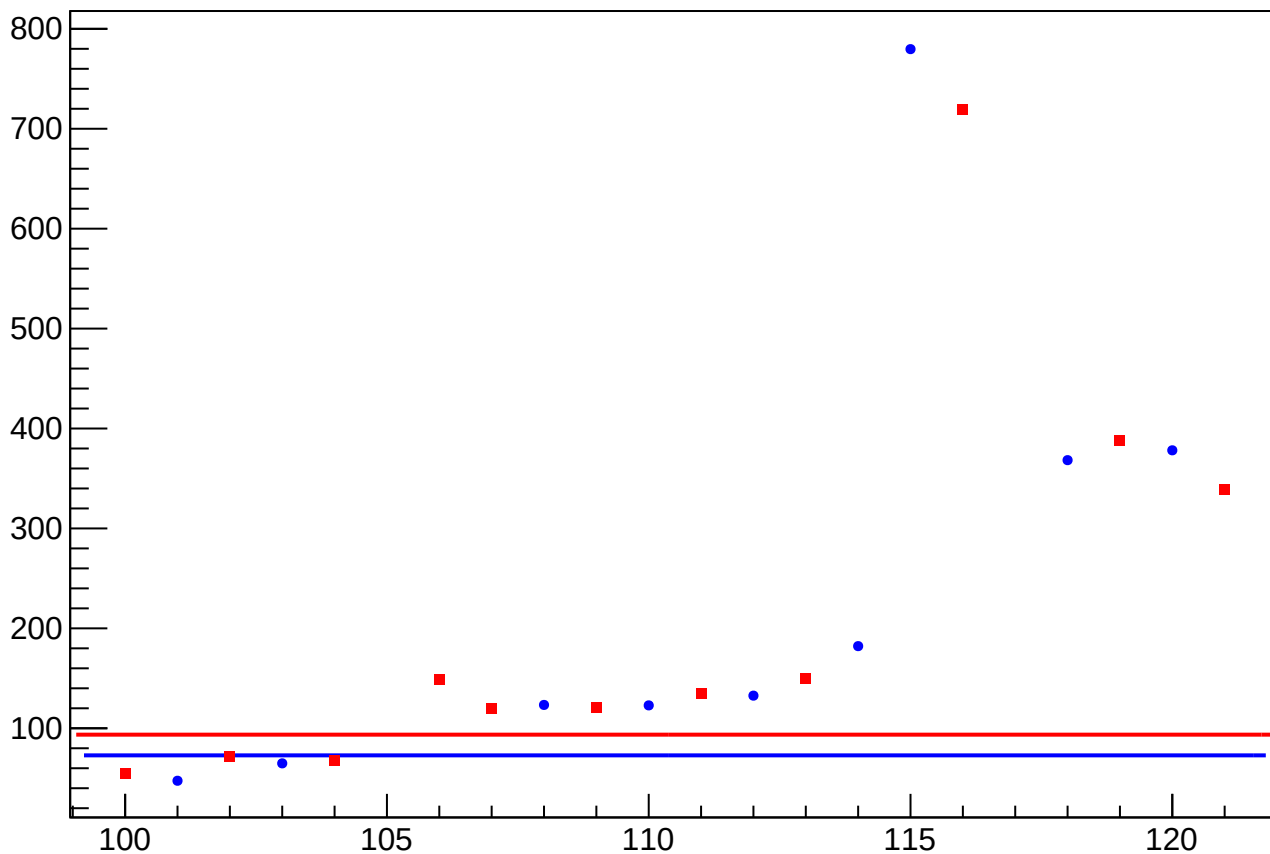
Right: 17.753+/-35.088 χ^2/NDF : 26.2/19

In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.753+/-35.088 χ^2/NDF : 26.2/19

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.608+/-0.037 χ^2/NDF : 2204089.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

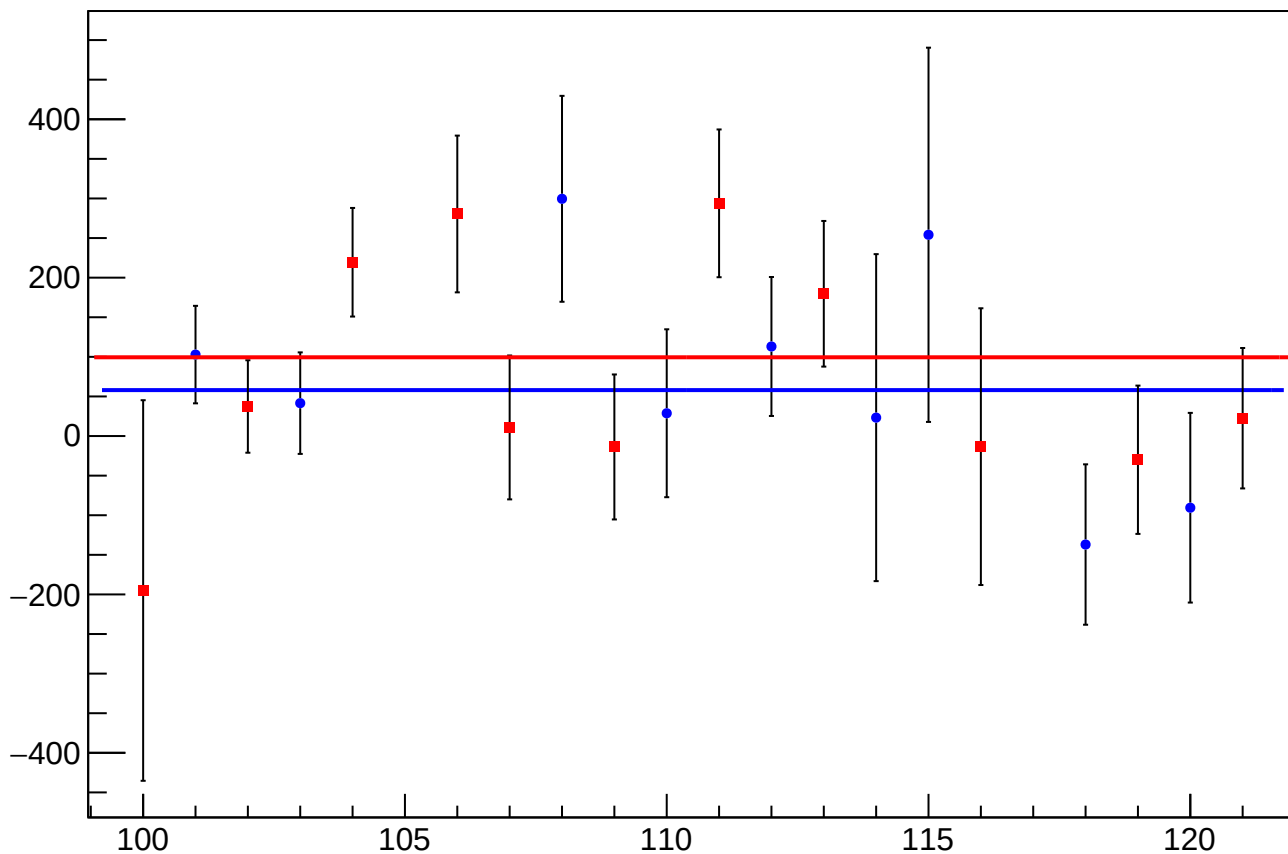
Right: 82.426+/-0.025 χ^2/NDF : 4570576.7/19

In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.426+/-0.025 χ^2/NDF : 4570576.7/19

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.443+/-26.987 χ^2/NDF : 19.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

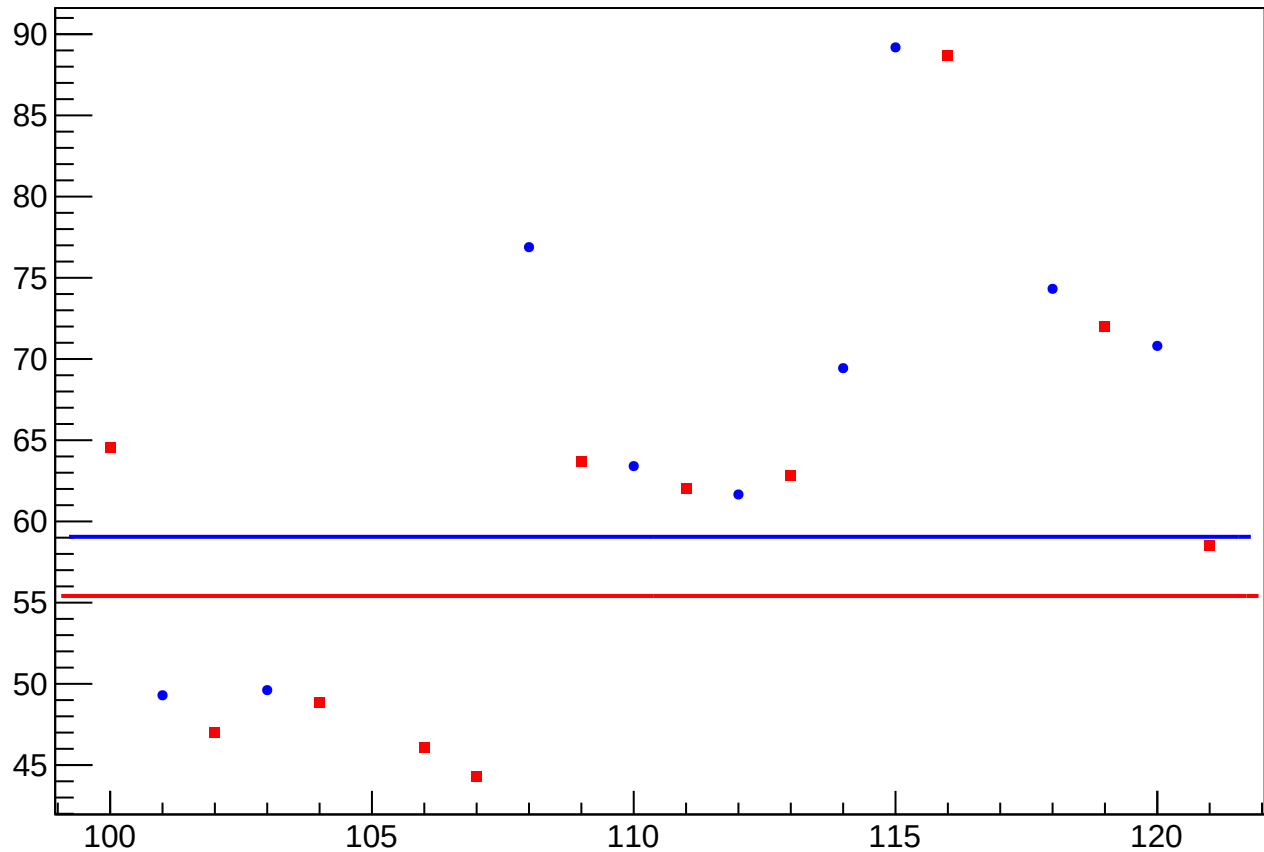
Right: 82.044+/-20.554 χ^2/NDF : 31.2/19

In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.044+/-20.554 χ^2/NDF : 31.2/19

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.054+/-0.022 χ^2/NDF : 238704.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.411+/-0.019 χ^2/NDF : 288031.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

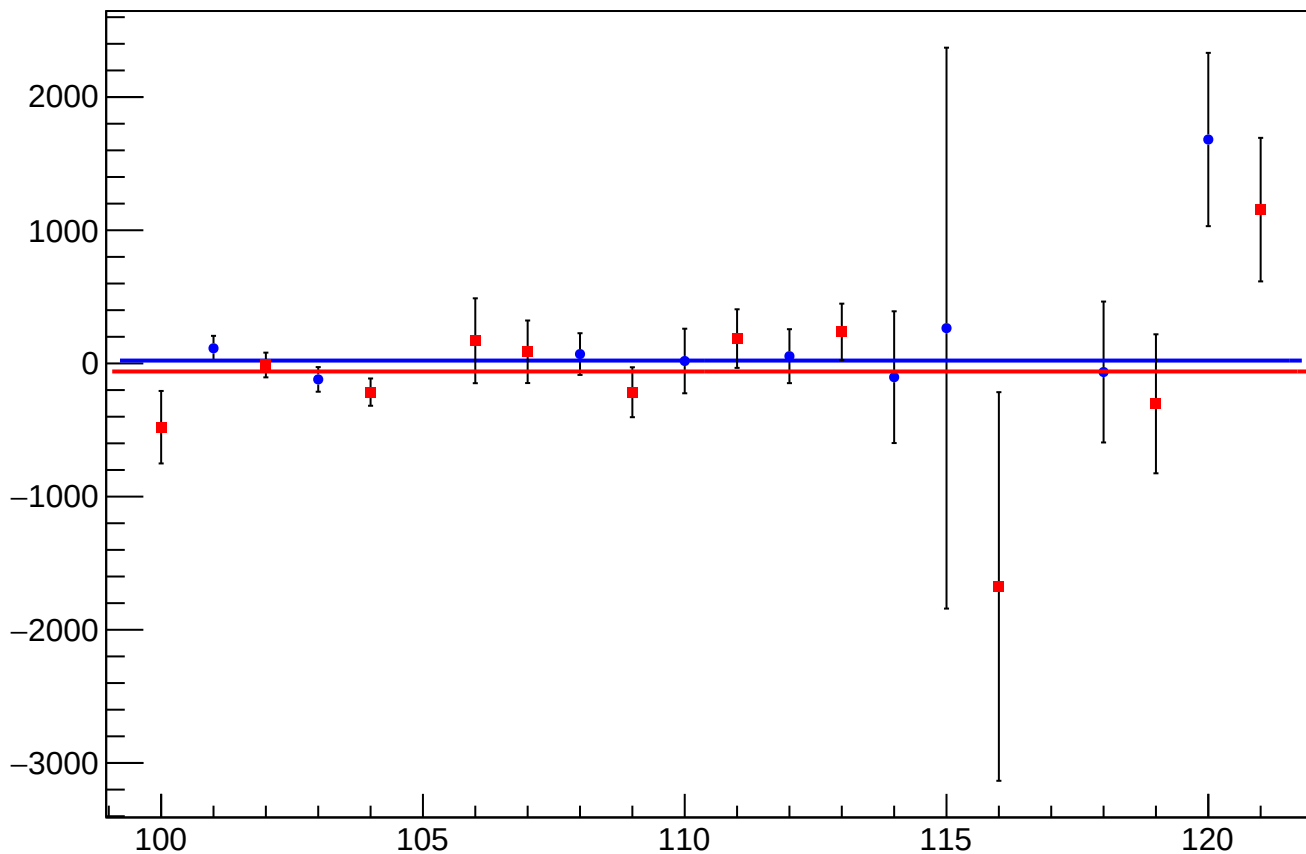
Right: 56.941+/-0.015 χ^2/NDF : 542040.8/19

In: 59.054+/-0.022 χ^2/NDF : 238704.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.941+/-0.015 χ^2/NDF : 542040.8/19

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.505+/-55.527 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.432+/-54.891 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

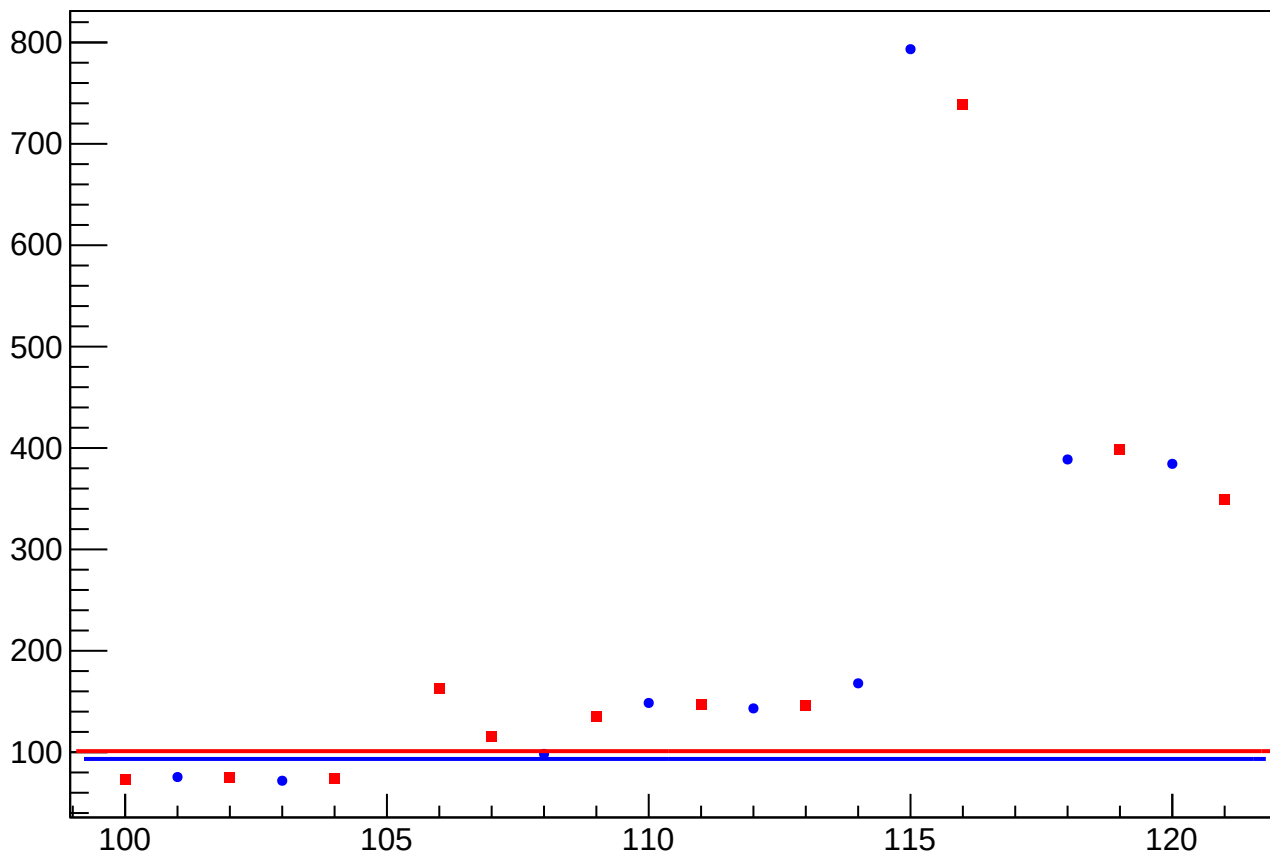
Right: -19.936+/-39.037 χ^2/NDF : 27.4/19

In: 21.505+/-55.527 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.936+/-39.037 χ^2/NDF : 27.4/19

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 93.341+/-0.039 χ^2/NDF : 1698358.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.033+/-0.039 χ^2/NDF : 2108667.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

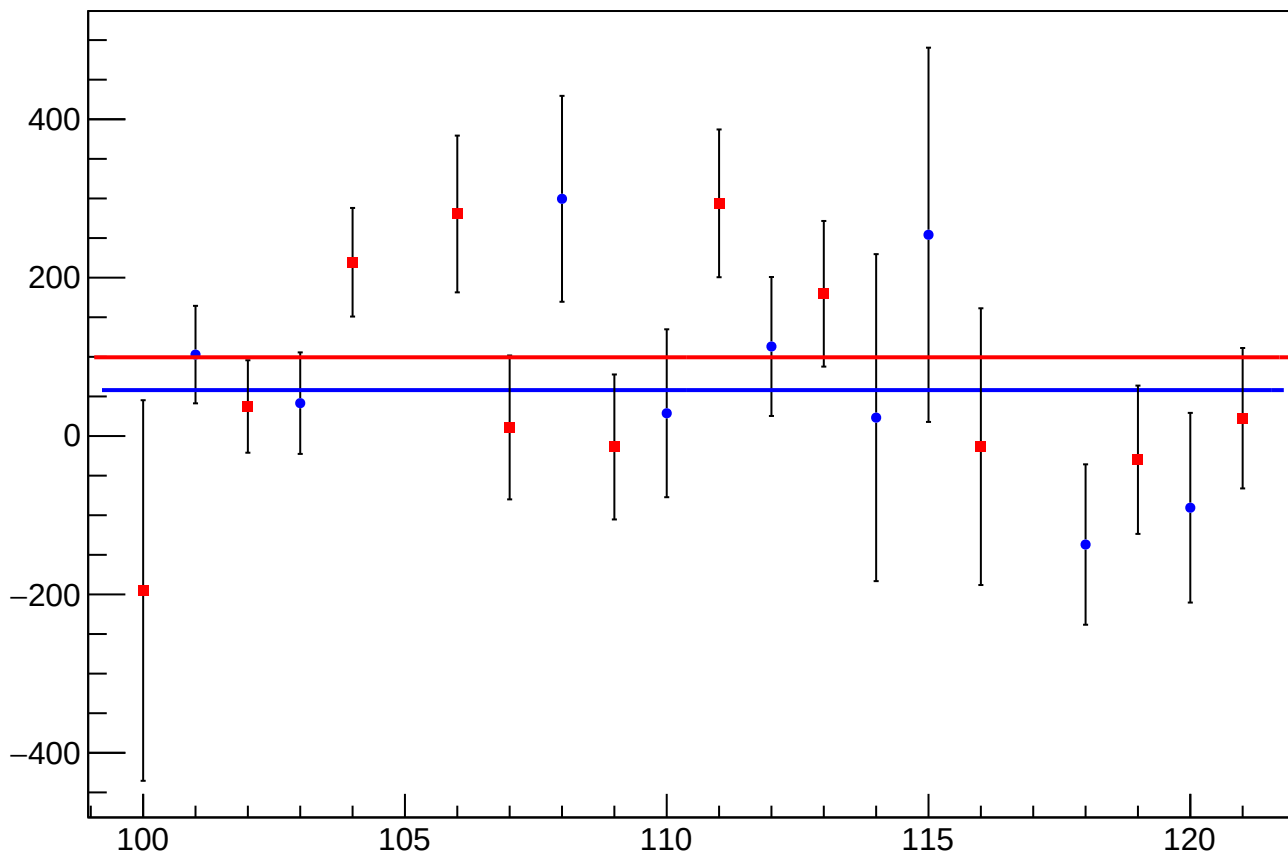
Right: 97.231+/-0.028 χ^2/NDF : 3826434.3/19

In: 93.341+/-0.039 χ^2/NDF : 1698358.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.231+/-0.028 χ^2/NDF : 3826434.3/19

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.443+/-26.987 χ^2/NDF : 19.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

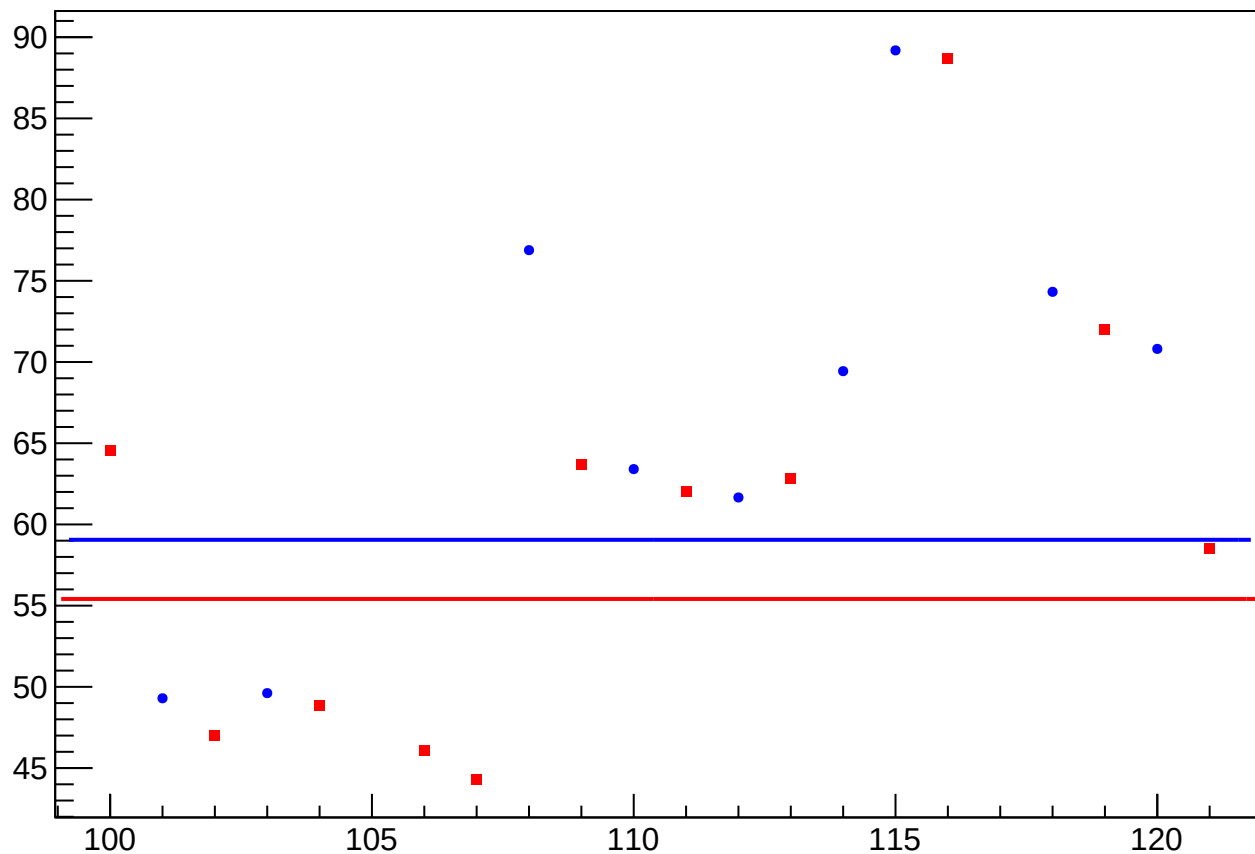
Right: 82.044+/-20.554 χ^2/NDF : 31.2/19

In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.044+/-20.554 χ^2/NDF : 31.2/19

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.054+/-0.022 χ^2/NDF : 238705.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.411+/-0.019 χ^2/NDF : 288032.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

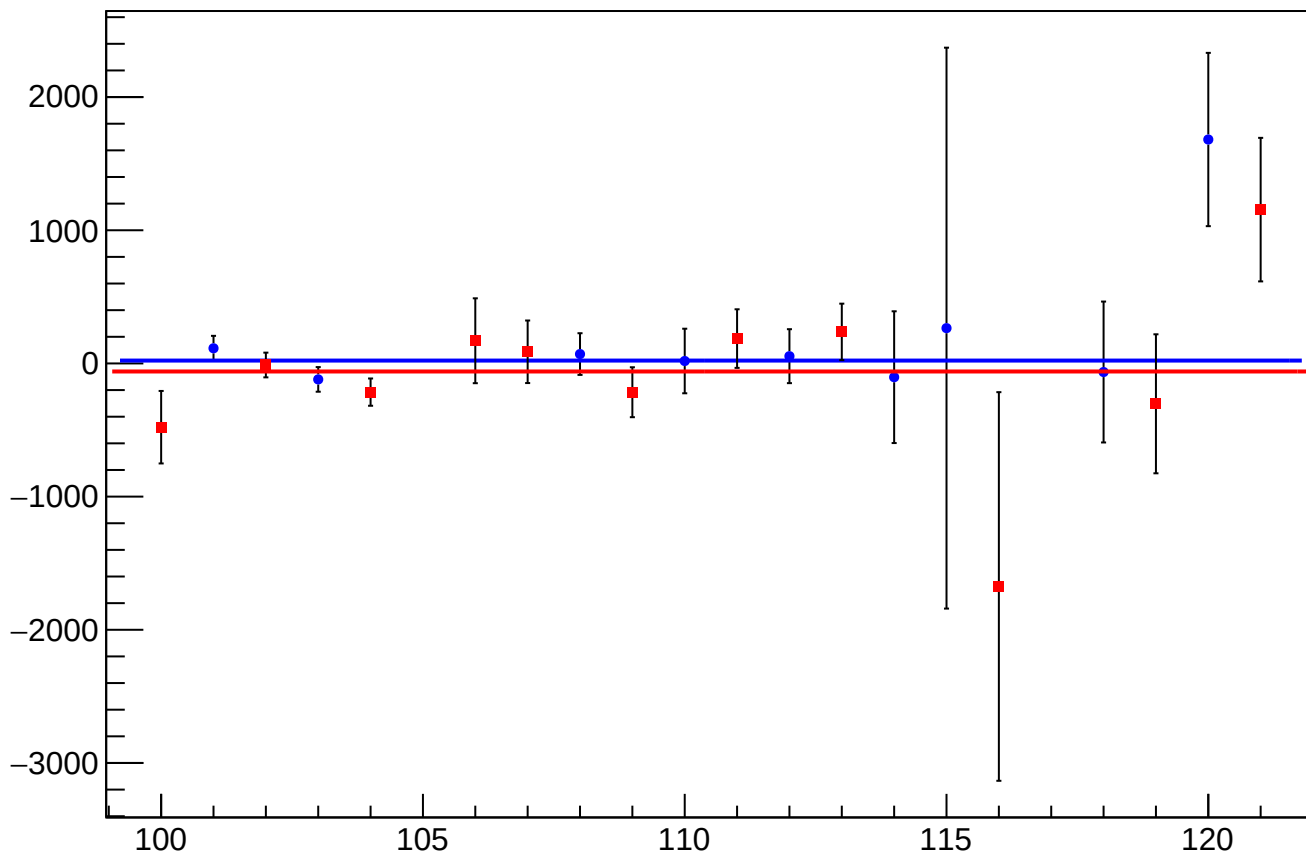
Right: 56.941+/-0.015 χ^2/NDF : 542041.6/19

In: 59.054+/-0.022 χ^2/NDF : 238705.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.941+/-0.015 χ^2/NDF : 542041.6/19

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.504+/-55.527 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.431+/-54.890 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

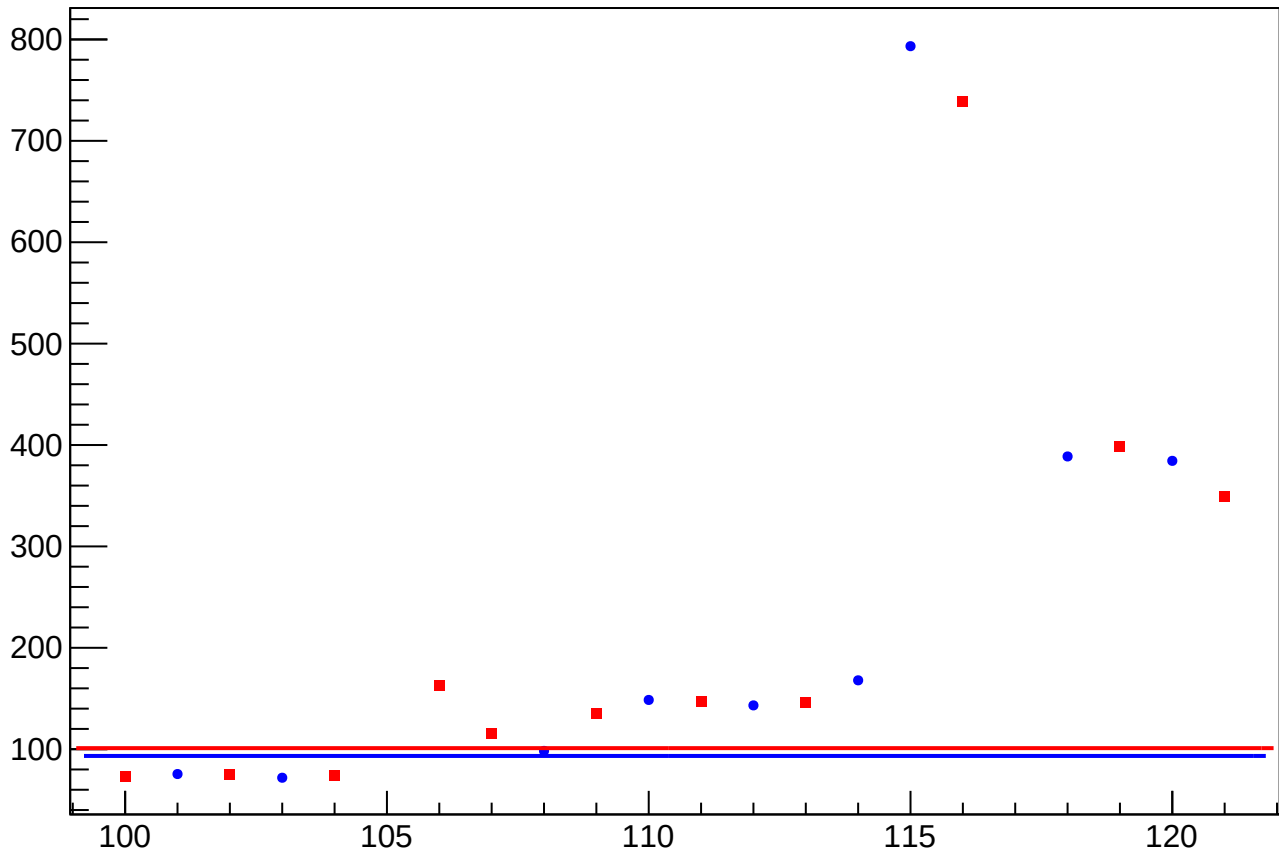
Right: -19.936+/-39.037 χ^2/NDF : 27.4/19

In: 21.504+/-55.527 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.936+/-39.037 χ^2/NDF : 27.4/19

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 93.341+/-0.039 χ^2/NDF : 1698360.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.032+/-0.039 χ^2/NDF : 2108672.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

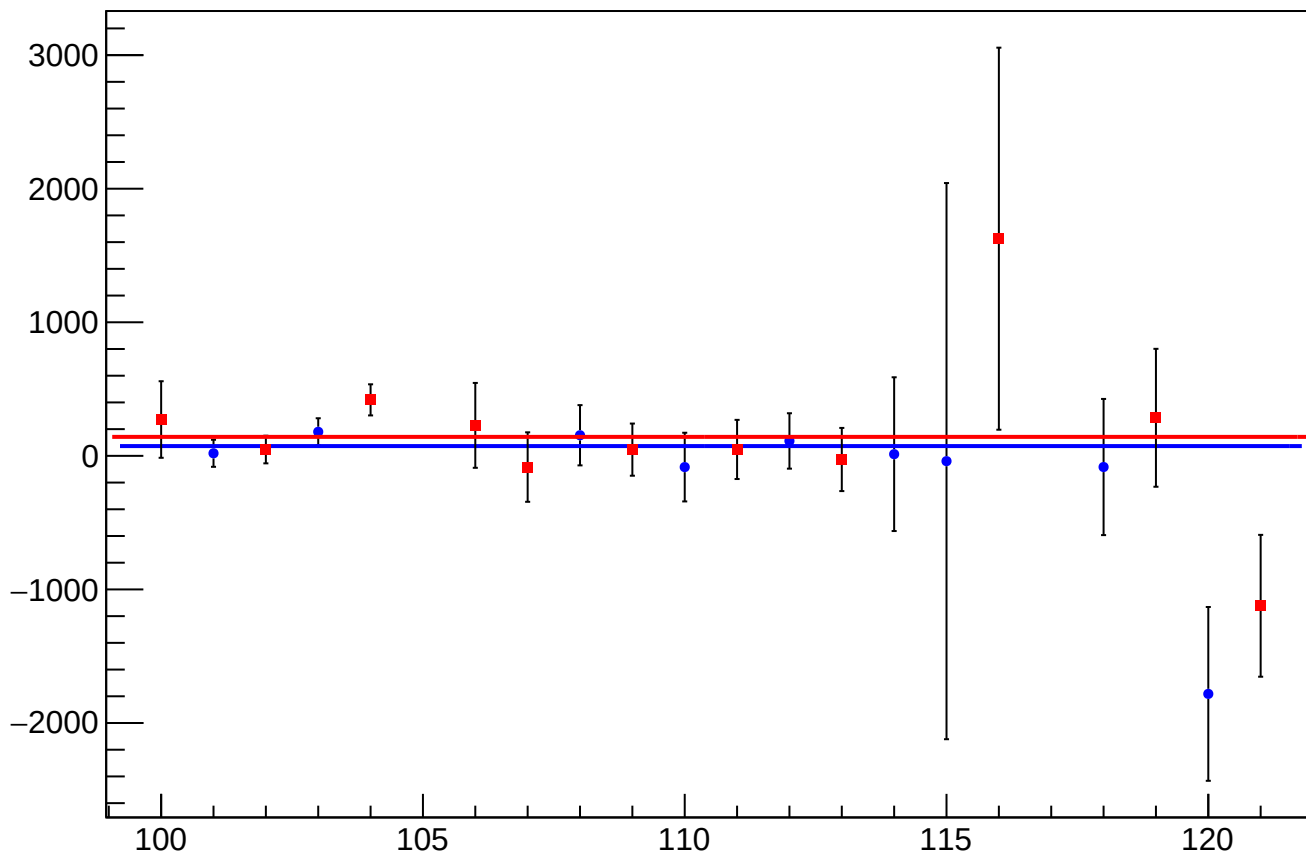
Right: 97.231+/-0.028 χ^2/NDF : 3826441.5/19

In: 93.341+/-0.039 χ^2/NDF : 1698360.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.231+/-0.028 χ^2/NDF : 3826441.5/19

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.165+/-61.809 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.048+/-60.163 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

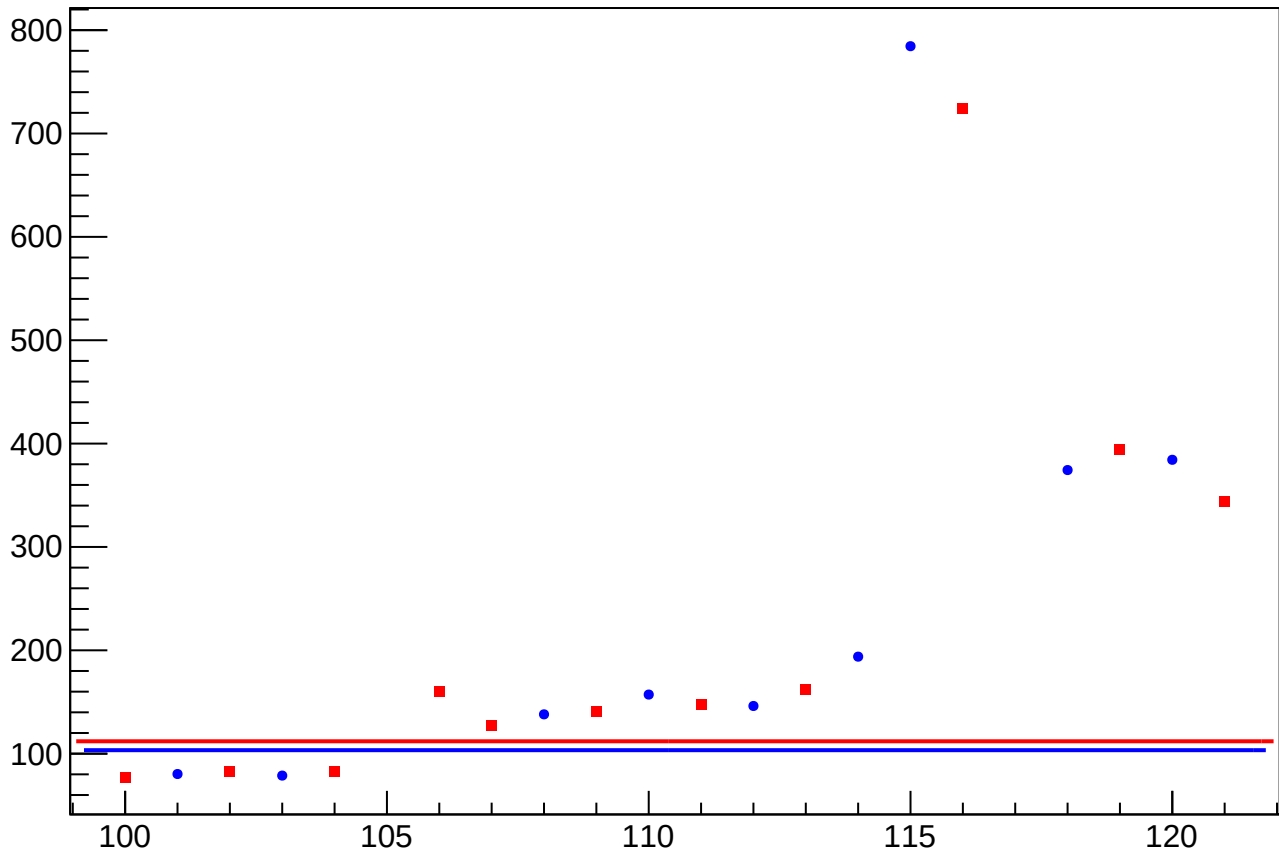
Right: 108.535+/-43.112 χ^2/NDF : 26.1/19

In: 73.165+/-61.809 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.535+/-43.112 χ^2/NDF : 26.1/19

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 103.376+/-0.044 χ^2/NDF : 1642407.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.989+/-0.043 χ^2/NDF : 1897424.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

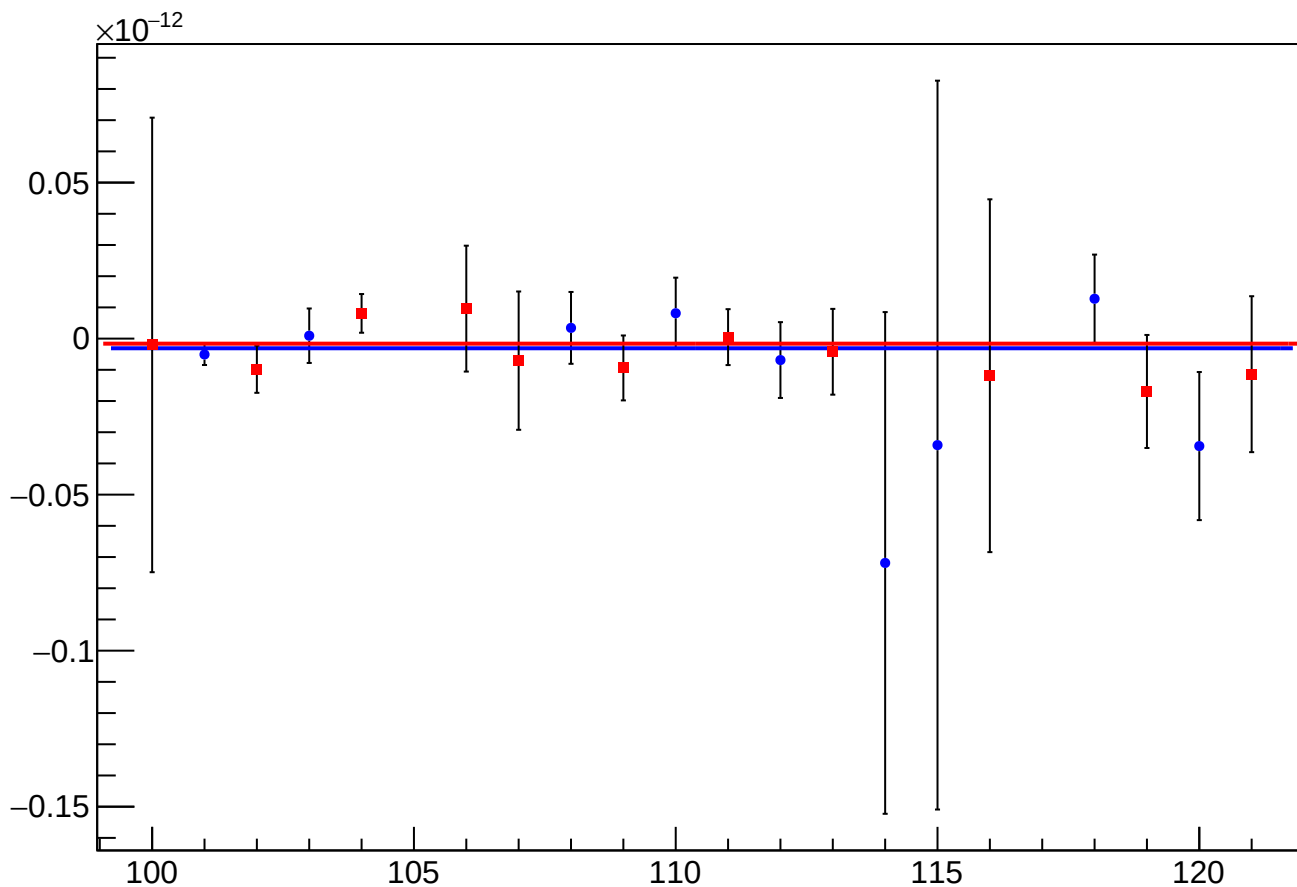
Right: 107.799+/-0.030 χ^2/NDF : 3559777.0/19

In: 103.376+/-0.044 χ^2/NDF : 1642407.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.799+/-0.030 χ^2/NDF : 3559777.0/19

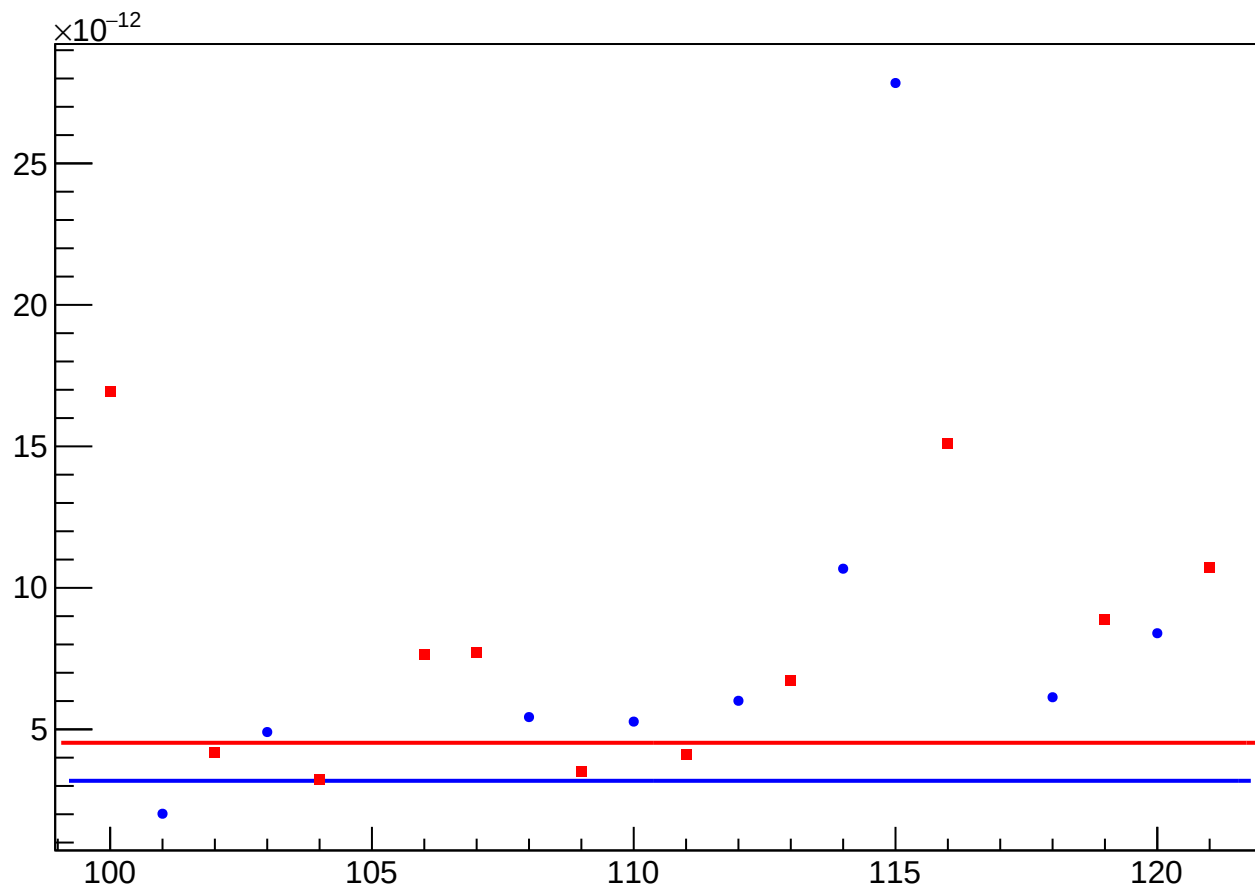
asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 11.4/19
 In: -0.000+/-0.000 χ^2/NDF : 5.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 11.4/19

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 857572.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 624820.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

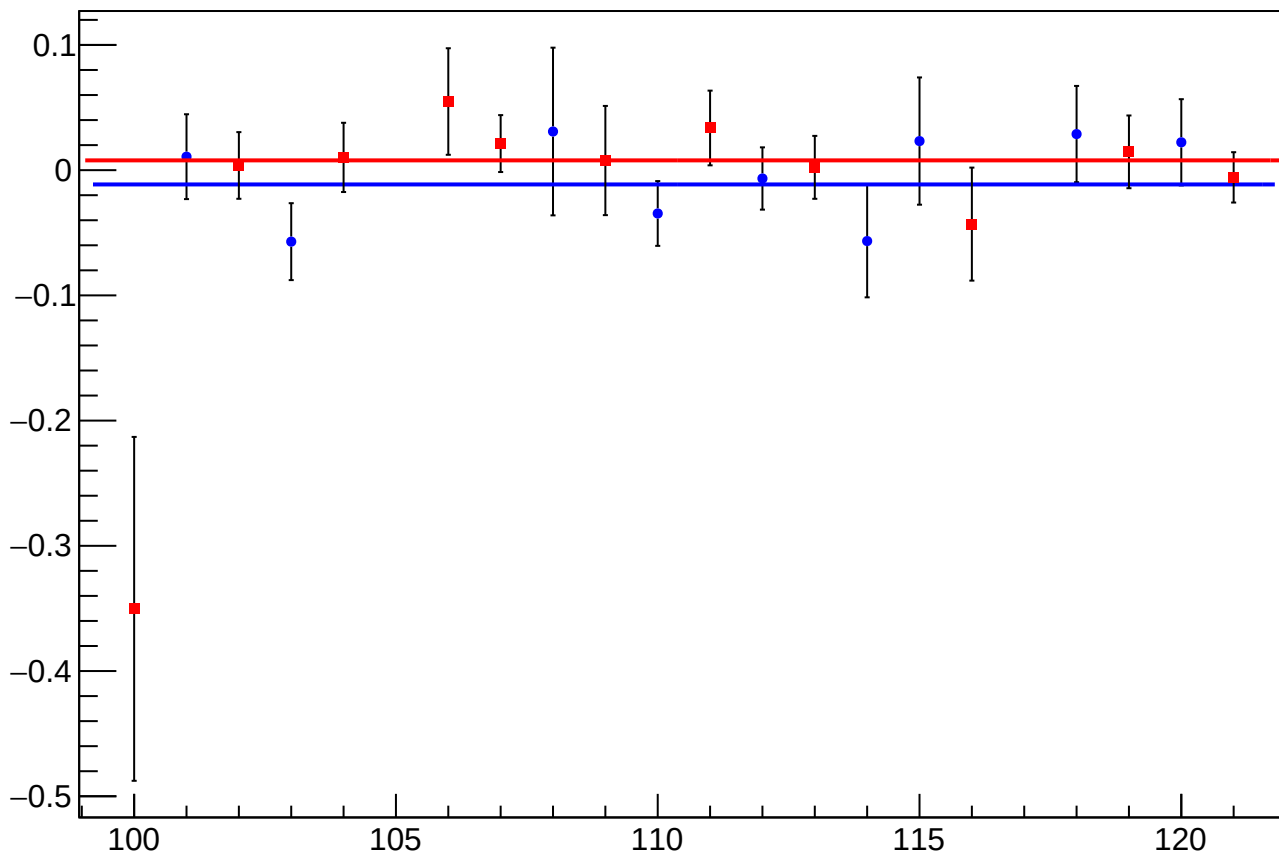
Right: 0.000+/-0.000 χ^2/NDF : 1661169.0/19

In: 0.000+/-0.000 χ^2/NDF : 857572.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1661169.0/19

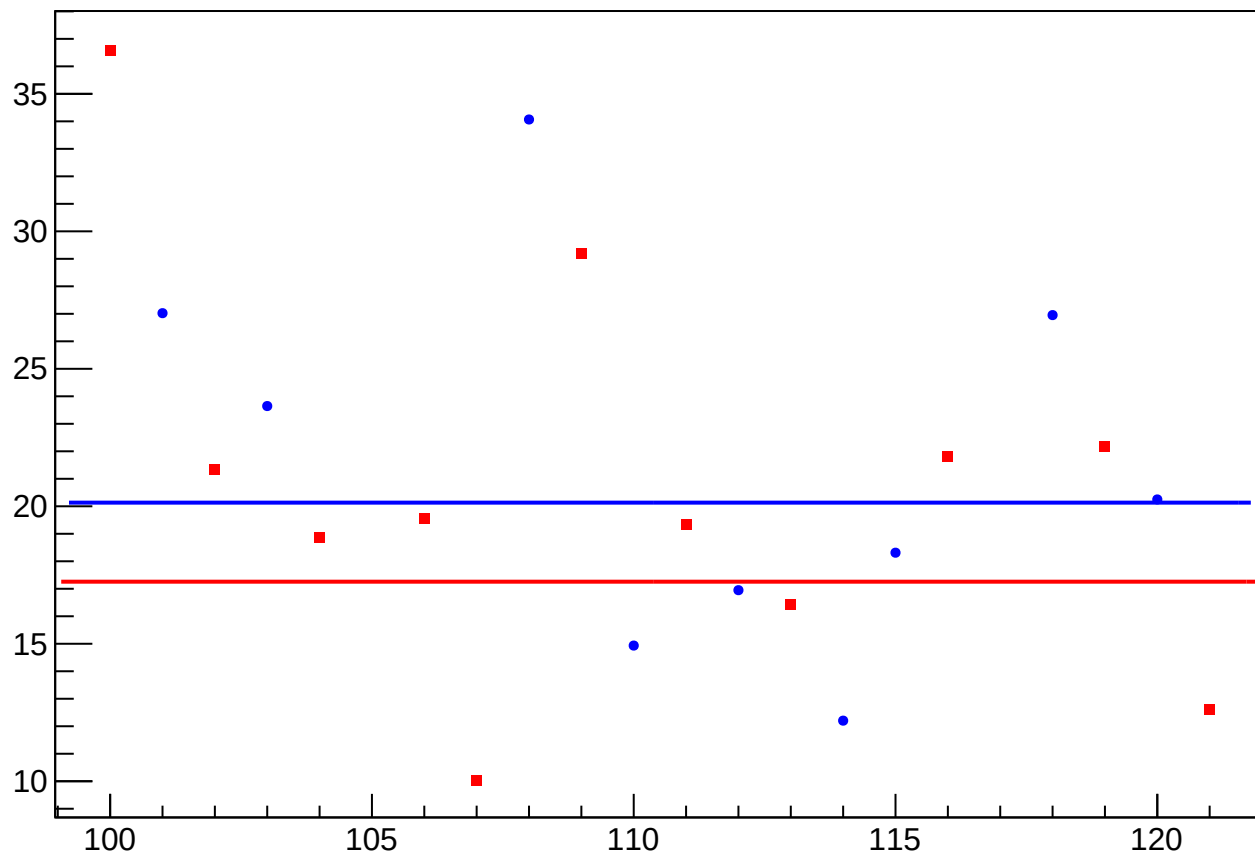
asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.008 ± 0.009 $\chi^2/\text{NDF}: 11.0/10$
 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: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.2/19$
 In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.2/19$

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.258+/-0.006 χ^2/NDF : 647787.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

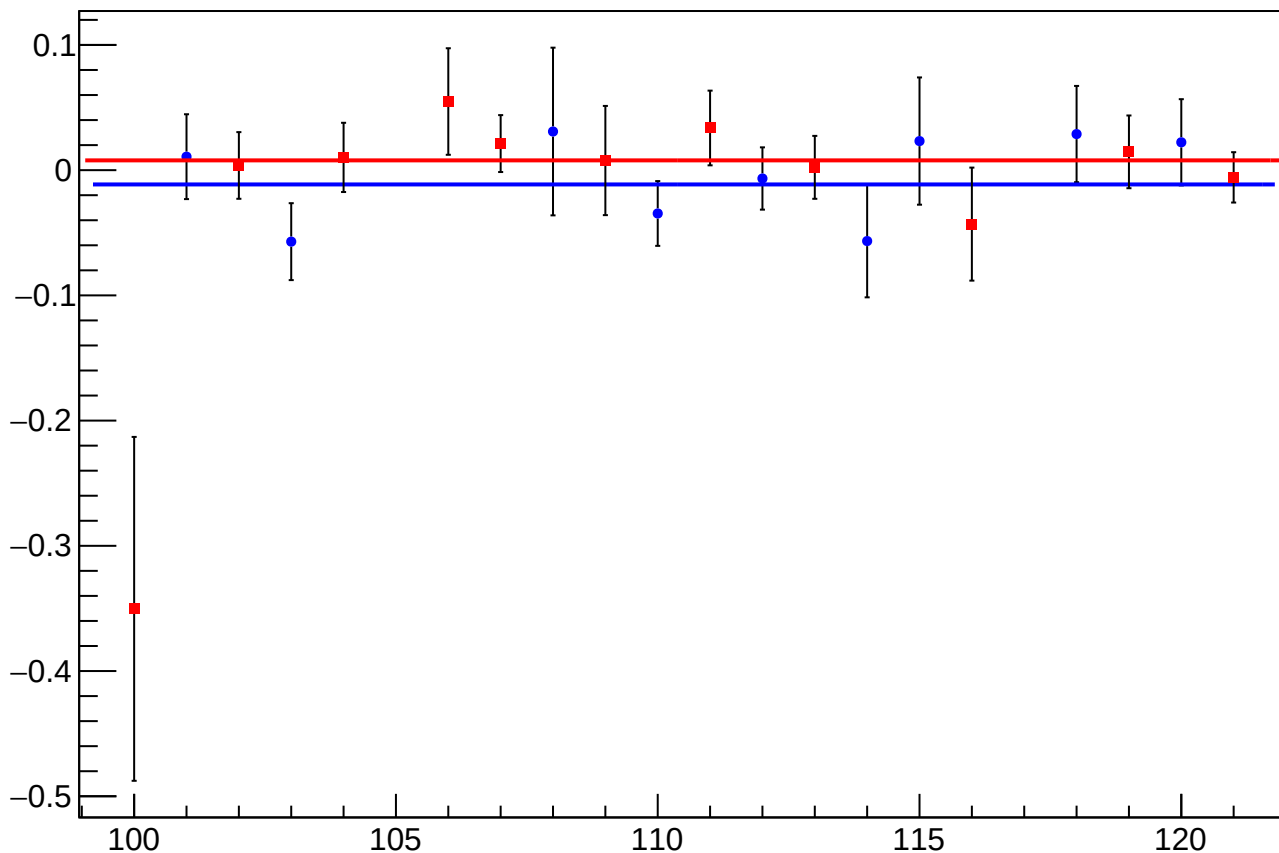
Right: 18.343+/-0.005 χ^2/NDF : 1163560.7/19

In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.343+/-0.005 χ^2/NDF : 1163560.7/19

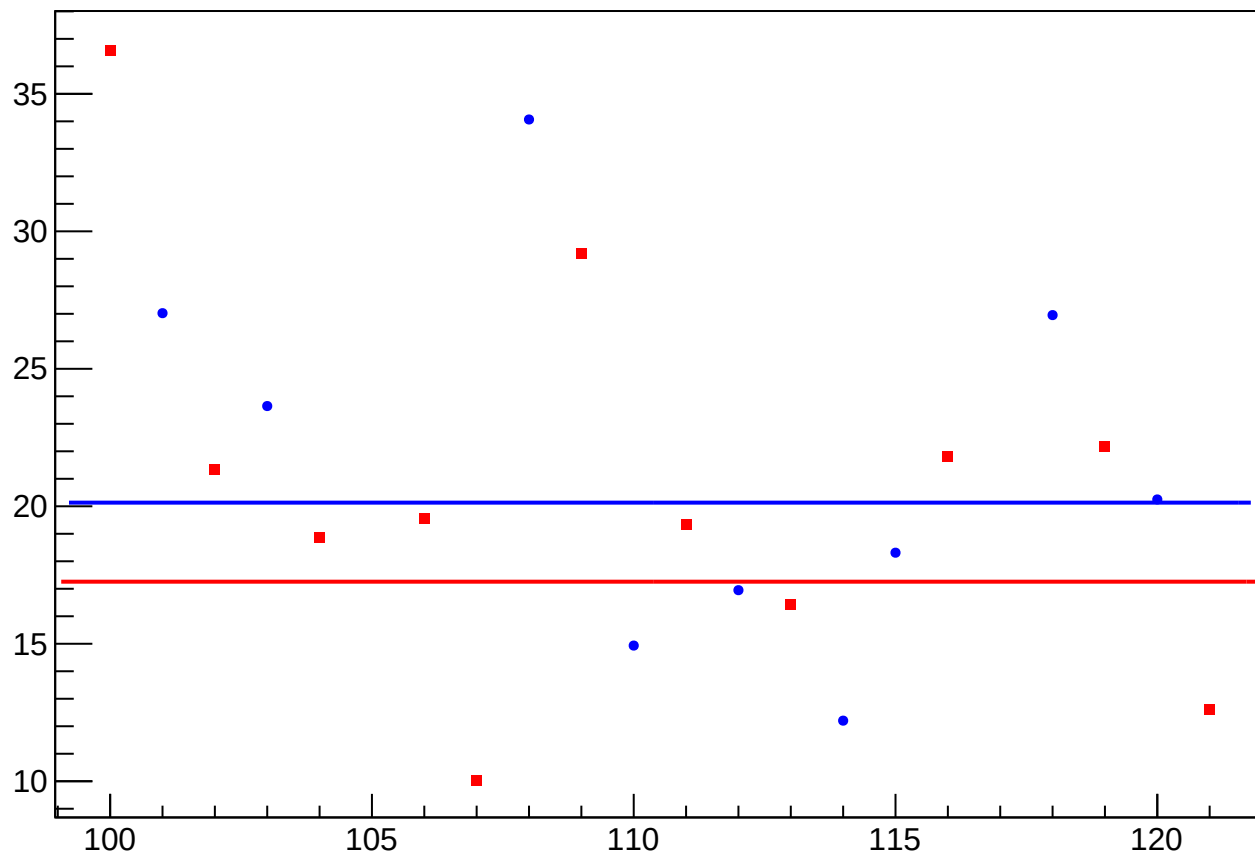
asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.011 χ^2 /NDF: 7.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 11.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 20.2/19
 In: -0.011 $\pm$ 0.011 χ^2 /NDF:7.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.001 $\pm$ 0.007 χ^2 /NDF: 20.2/19

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.258+/-0.006 χ^2/NDF : 647787.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

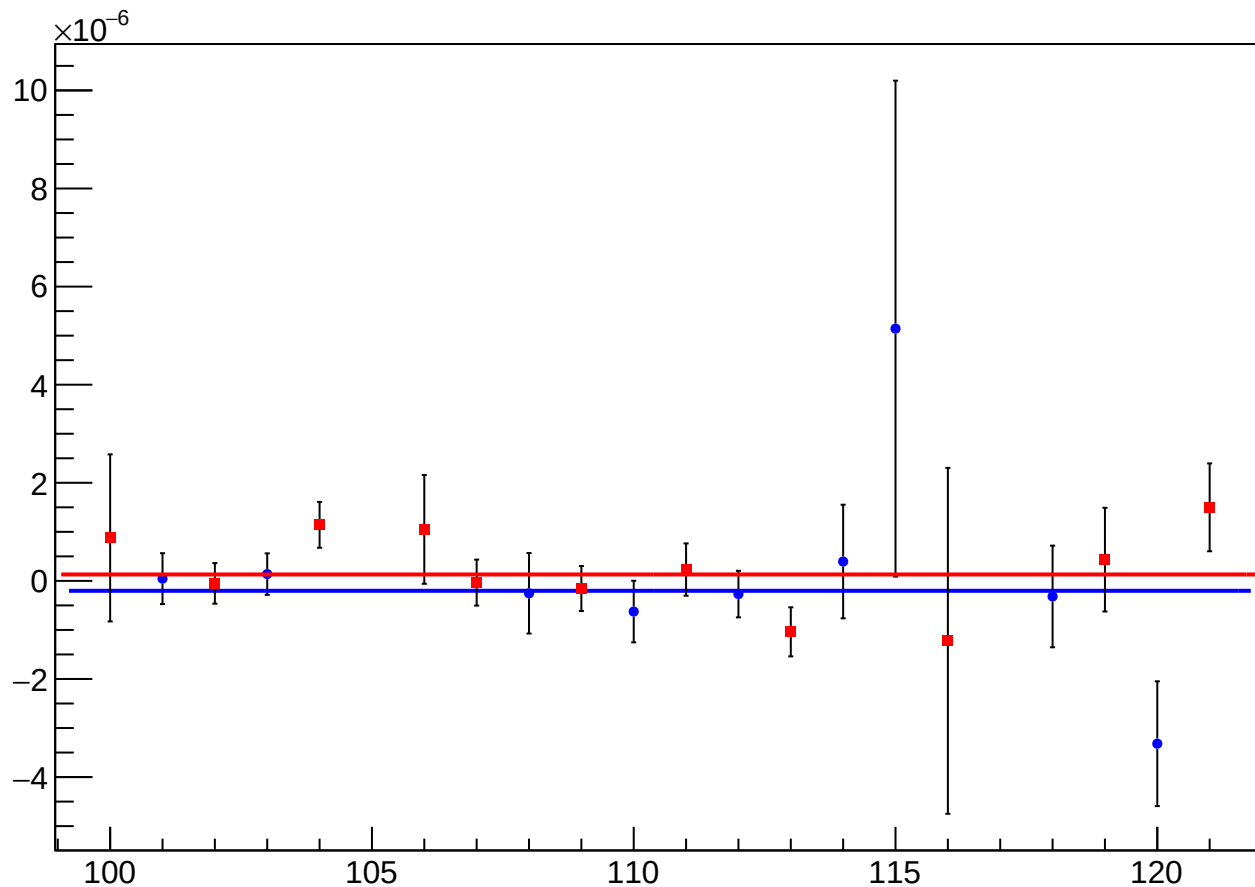
Right: 18.343+/-0.005 χ^2/NDF : 1163560.7/19

In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.343+/-0.005 χ^2/NDF : 1163560.7/19

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

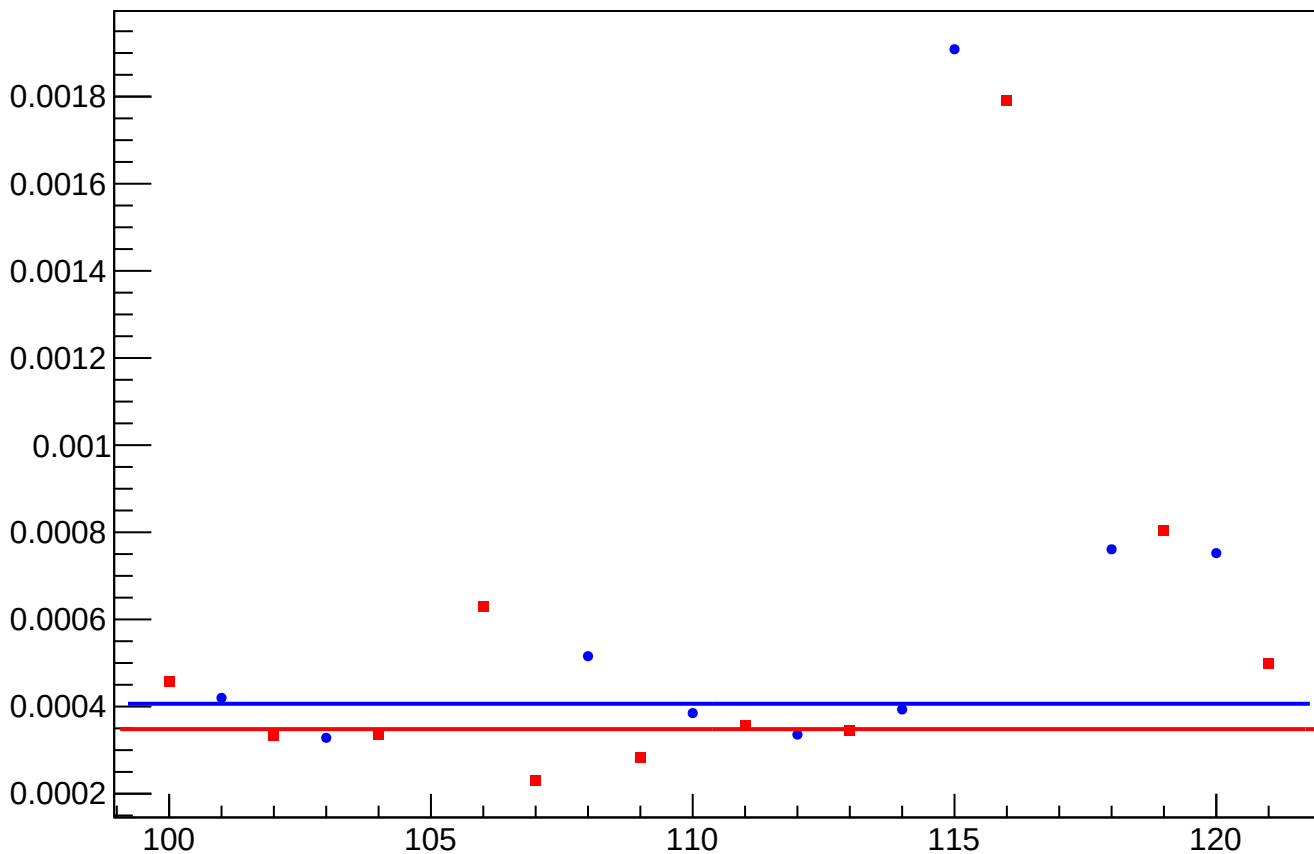
Right: -0.000+/-0.000 χ^2/NDF : 24.4/19

In: -0.000+/-0.000 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/19

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 710461.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1073610.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

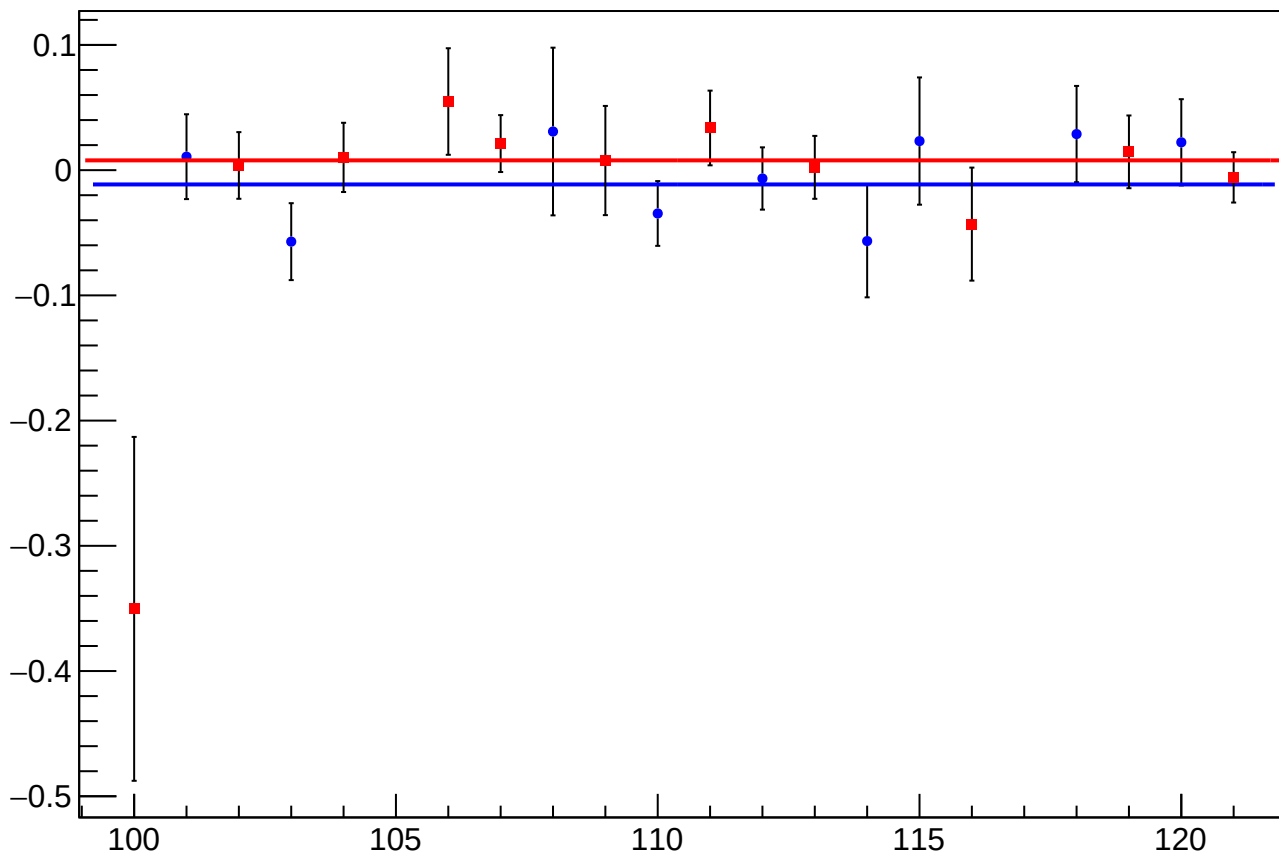
Right: 0.000+/-0.000 χ^2/NDF : 1866200.8/19

In: 0.000+/-0.000 χ^2/NDF : 710461.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1866200.8/19

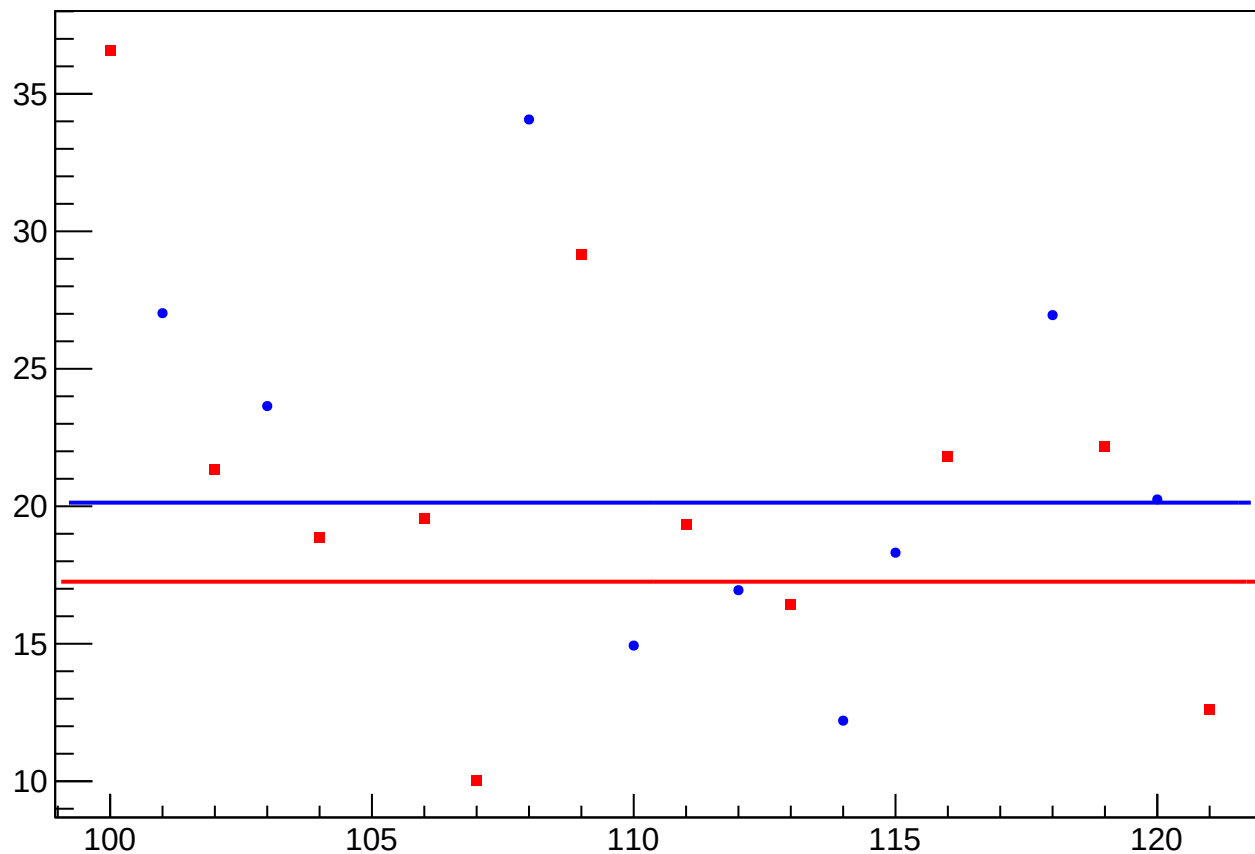
asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.008 ± 0.009 $\chi^2/\text{NDF}: 11.0/10$
 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: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.2/19$
 In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.2/19$

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.258+/-0.006 χ^2/NDF : 647802.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

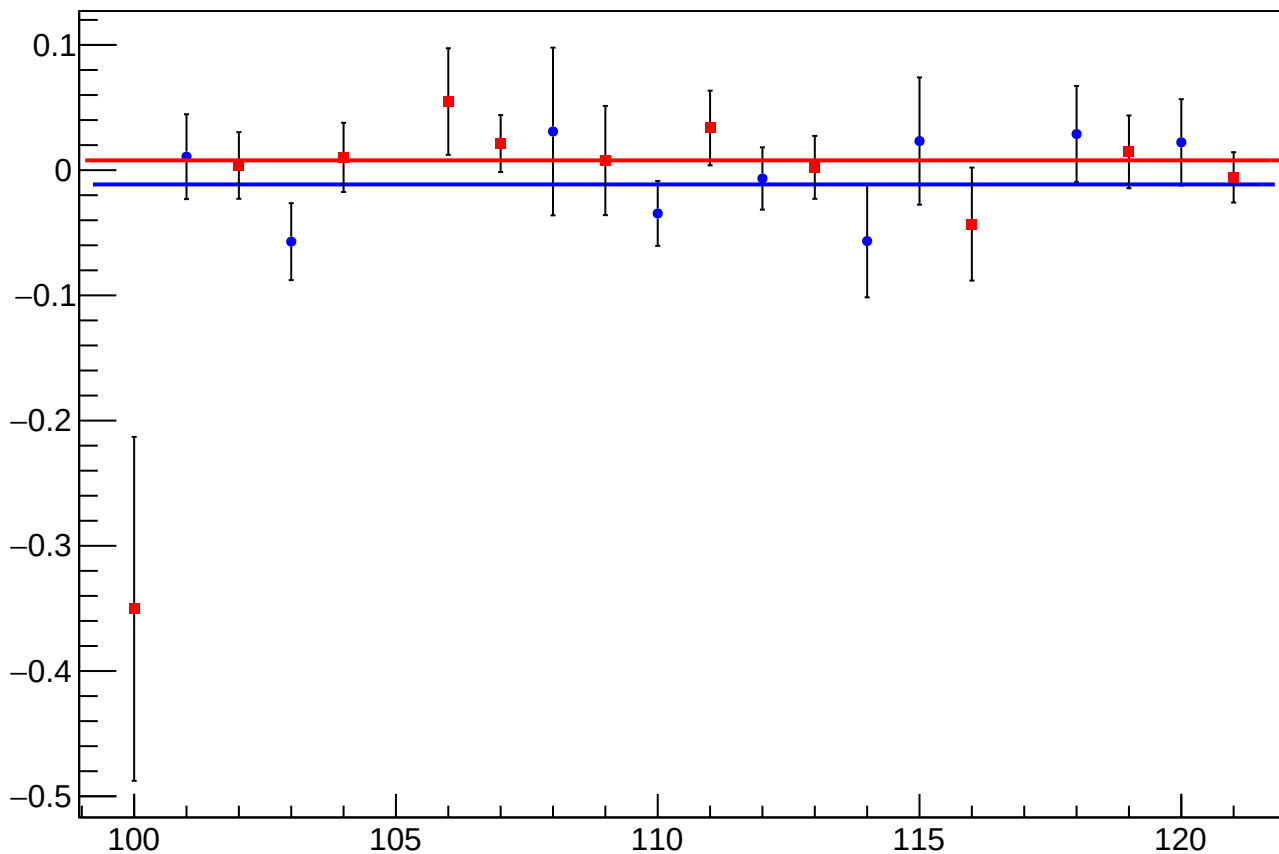
Right: 18.343+/-0.005 χ^2/NDF : 1163580.3/19

In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.343+/-0.005 χ^2/NDF : 1163580.3/19

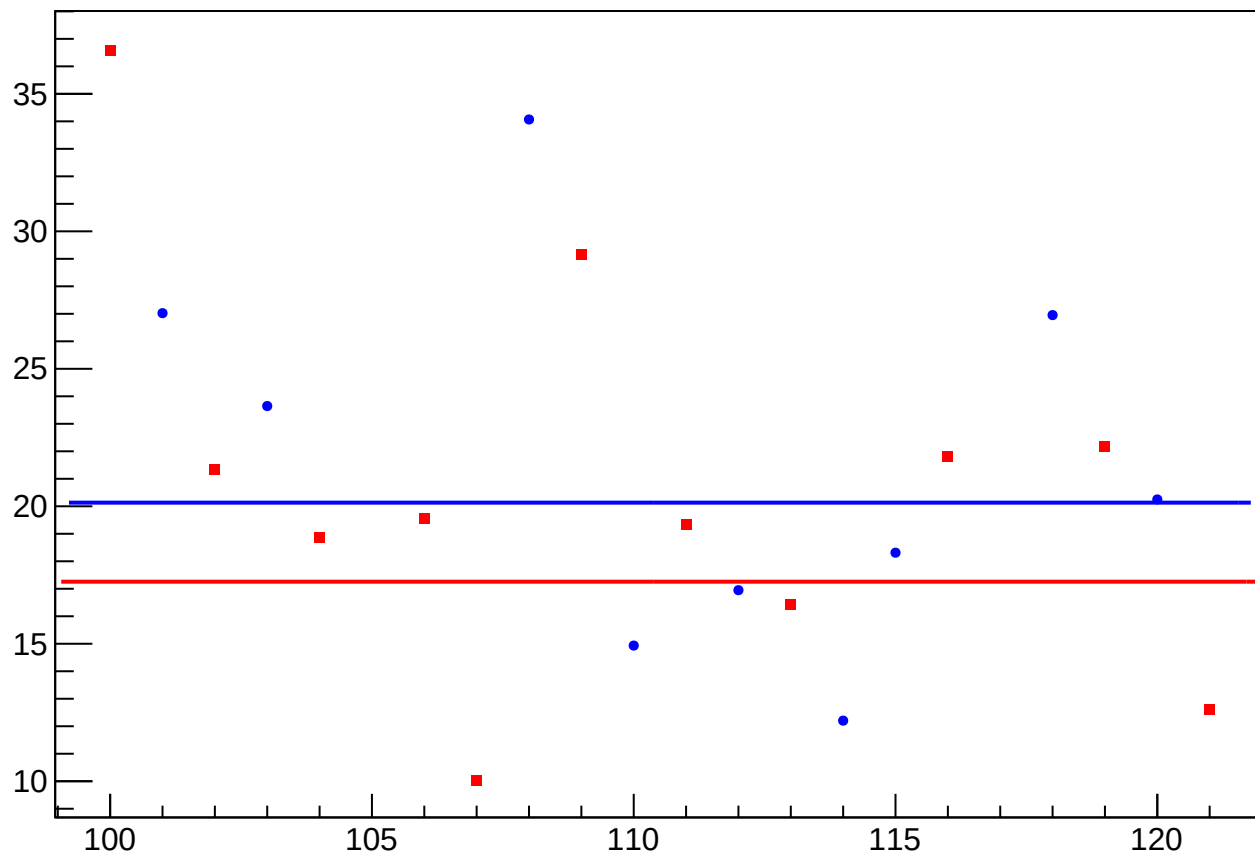
asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.011 χ^2 /NDF: 7.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 11.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 20.2/19
 In: -0.011 $\pm$ 0.011 χ^2 /NDF:7.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.001 $\pm$ 0.007 χ^2 /NDF: 20.2/19

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.258+/-0.006 χ^2/NDF : 647802.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

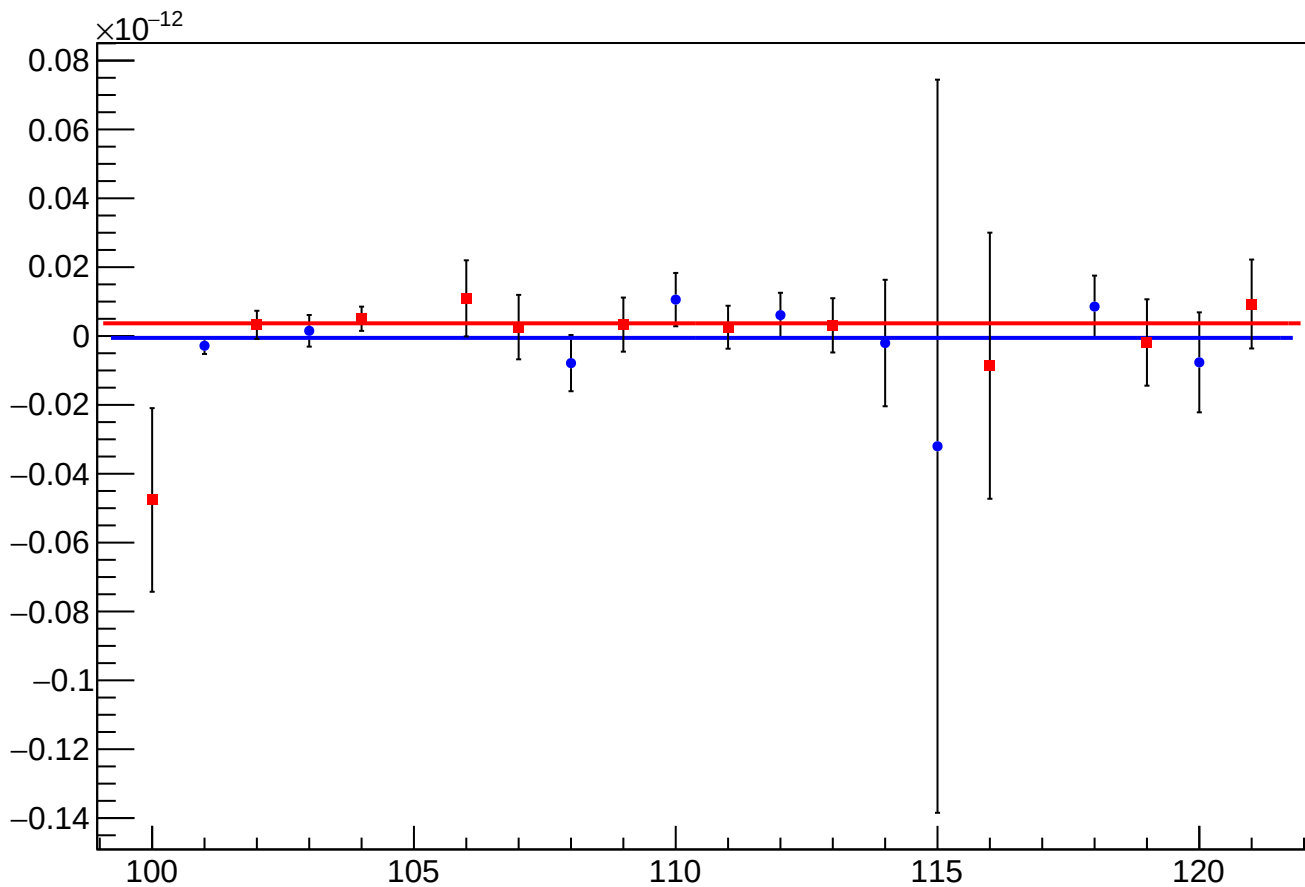
Right: 18.343+/-0.005 χ^2/NDF : 1163580.3/19

In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.343+/-0.005 χ^2/NDF : 1163580.3/19

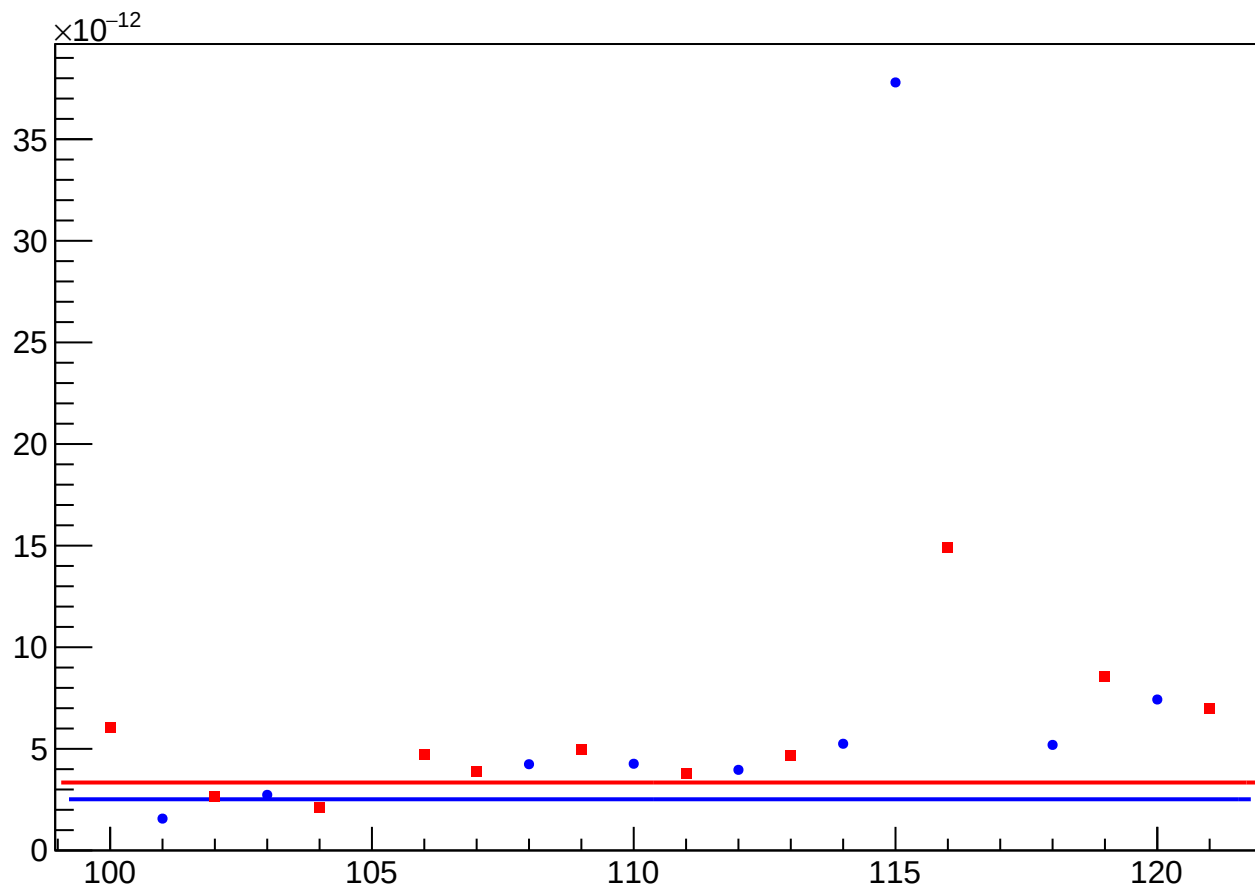
asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 13.5/19
 In: -0.000+/-0.000 χ^2/NDF : 6.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 13.5/19

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1283417.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1197820.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

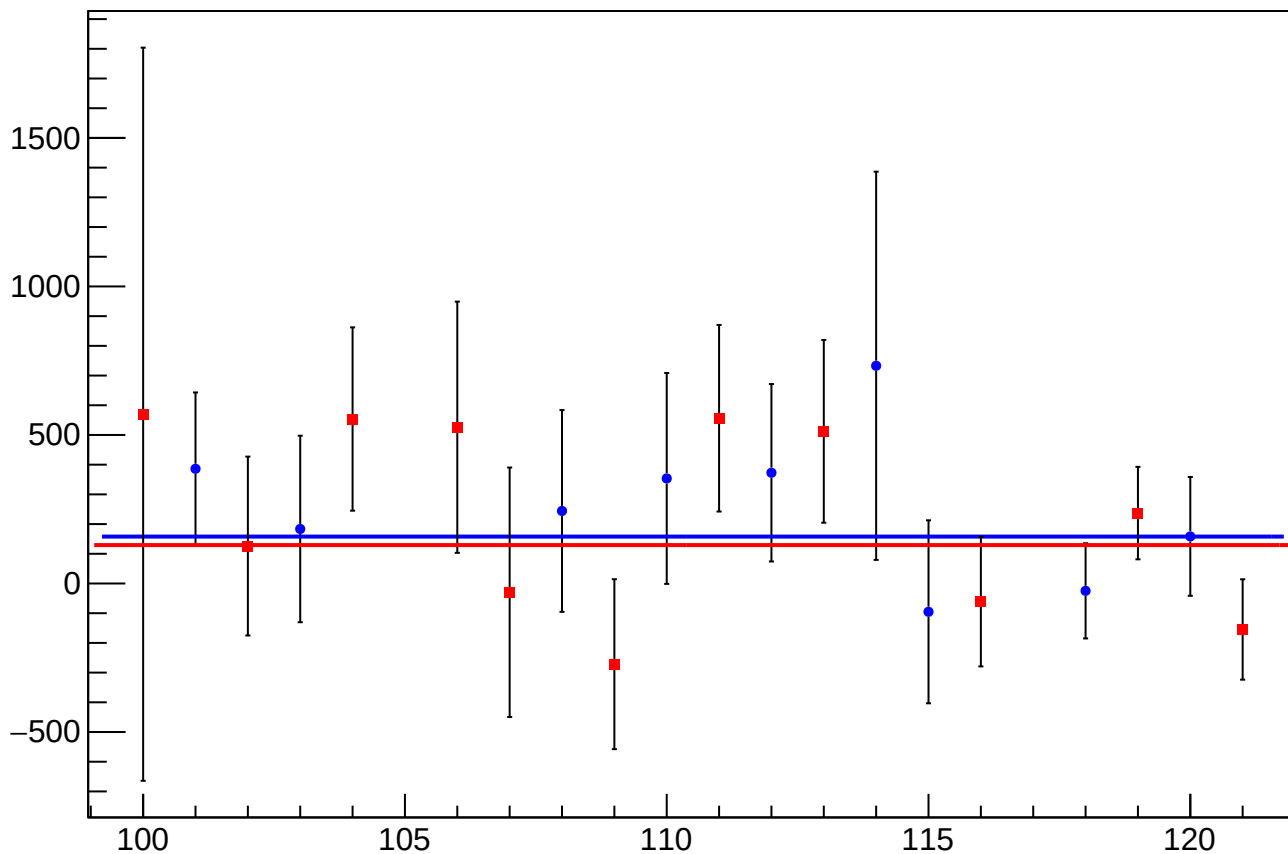
Right: 0.000+/-0.000 χ^2/NDF : 2659286.0/19

In: 0.000+/-0.000 χ^2/NDF : 1283417.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2659286.0/19

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.926 $\pm$ 87.719 χ^2 /NDF: 4.4/8

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 129.330 $\pm$ -78.164 χ^2 /NDF: 12.5/10

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

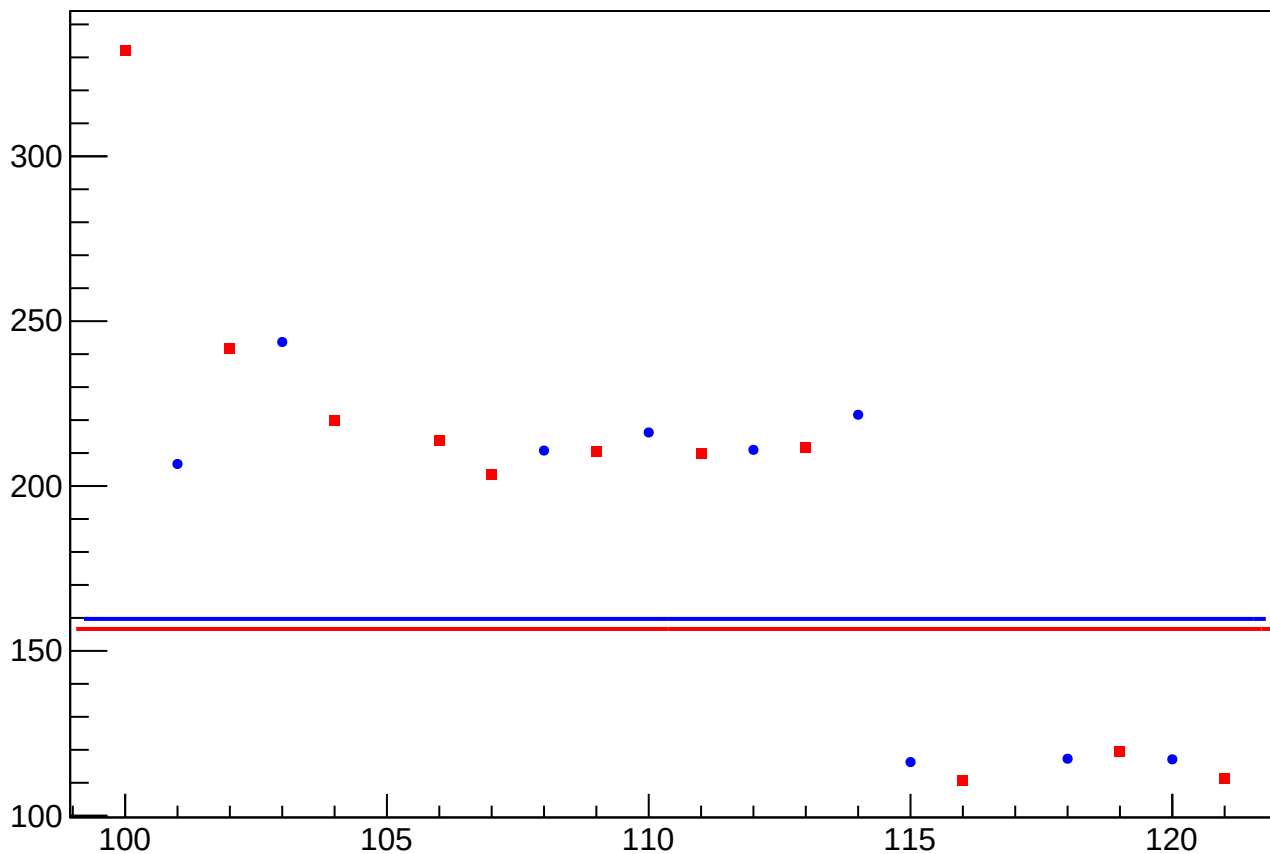
Right: 141.986 $\pm$ -58.357 χ^2 /NDF: 17.0/19

In: 157.926 $\pm$ -87.719 χ^2 /NDF:4.4/8

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 141.986 $\pm$ -58.357 χ^2 /NDF: 17.0/19

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 159.702 $\pm$ 0.062 χ^2 /NDF: 653378.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.651 $\pm$ 0.055 χ^2 /NDF: 885496.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

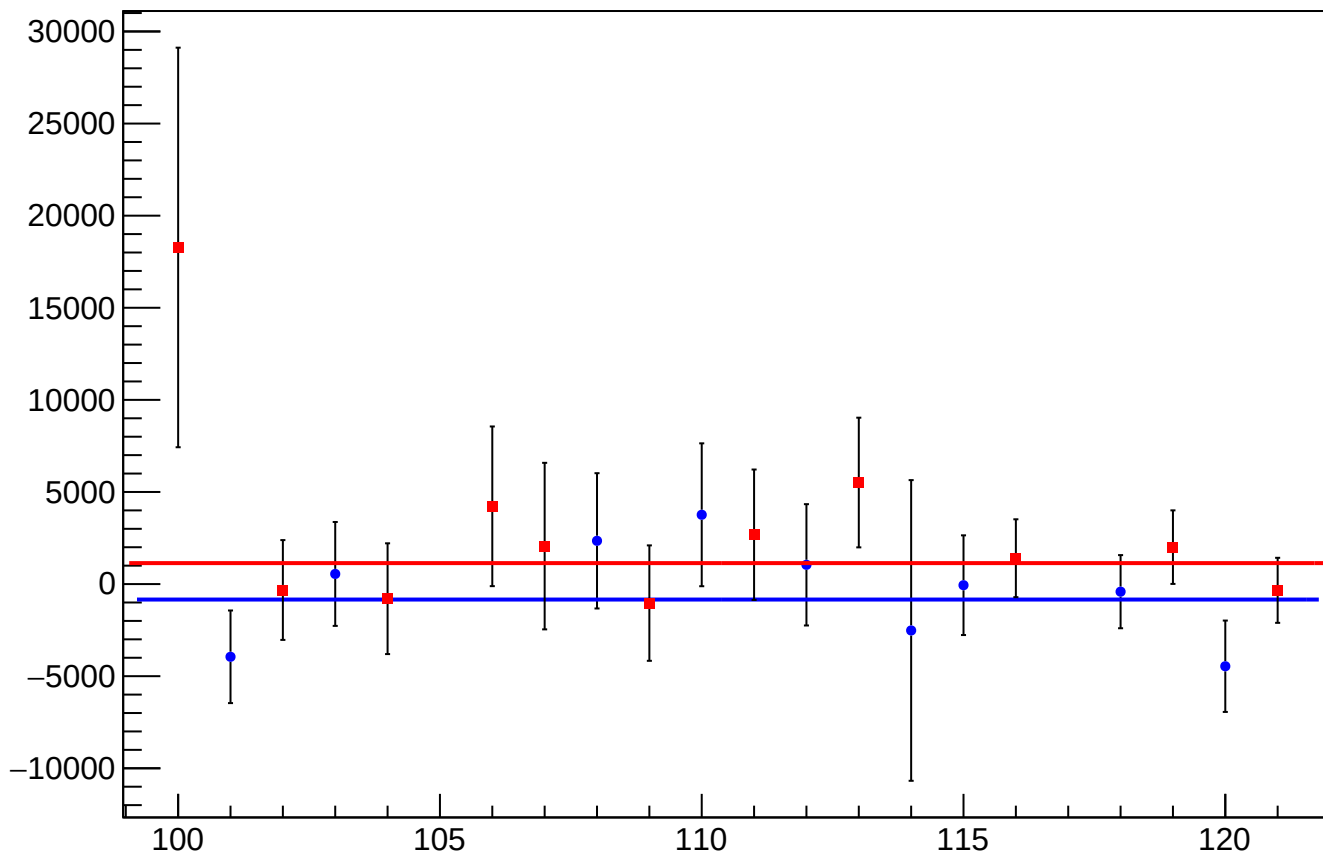
Right: 158.001 $\pm$ 0.041 χ^2 /NDF: 1540222.4/19

In: 159.702 $\pm$ 0.062 χ^2 /NDF: 653378.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.001 $\pm$ 0.041 χ^2 /NDF: 1540222.4/19

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -839.820+/-960.209 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1138.209+/-840.510 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

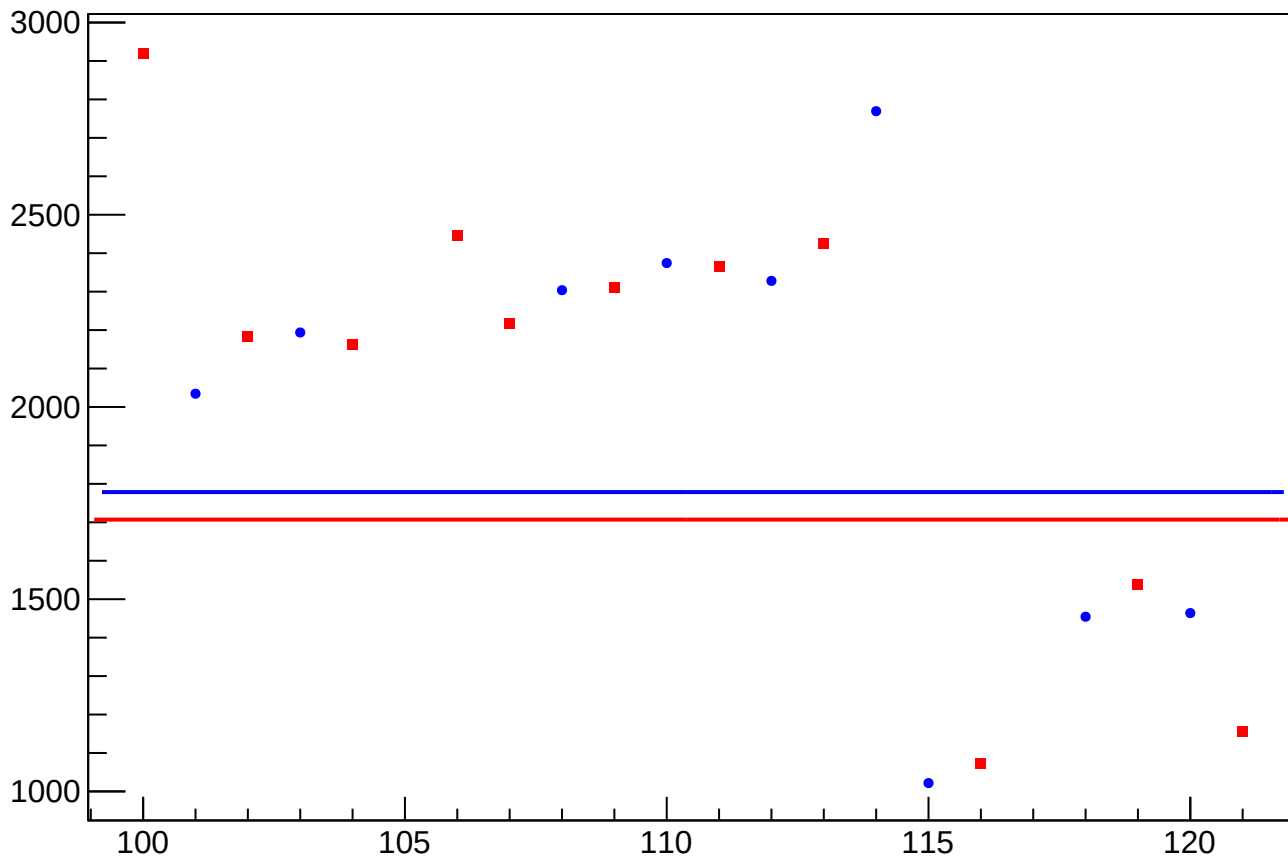
Right: 280.102+/-632.441 χ^2/NDF : 15.8/19

In: -839.820+/-960.209 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.102+/-632.441 χ^2/NDF : 15.8/19

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1778.619+/-0.679 χ^2/NDF : 479296.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.078+/-0.594 χ^2/NDF : 833733.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

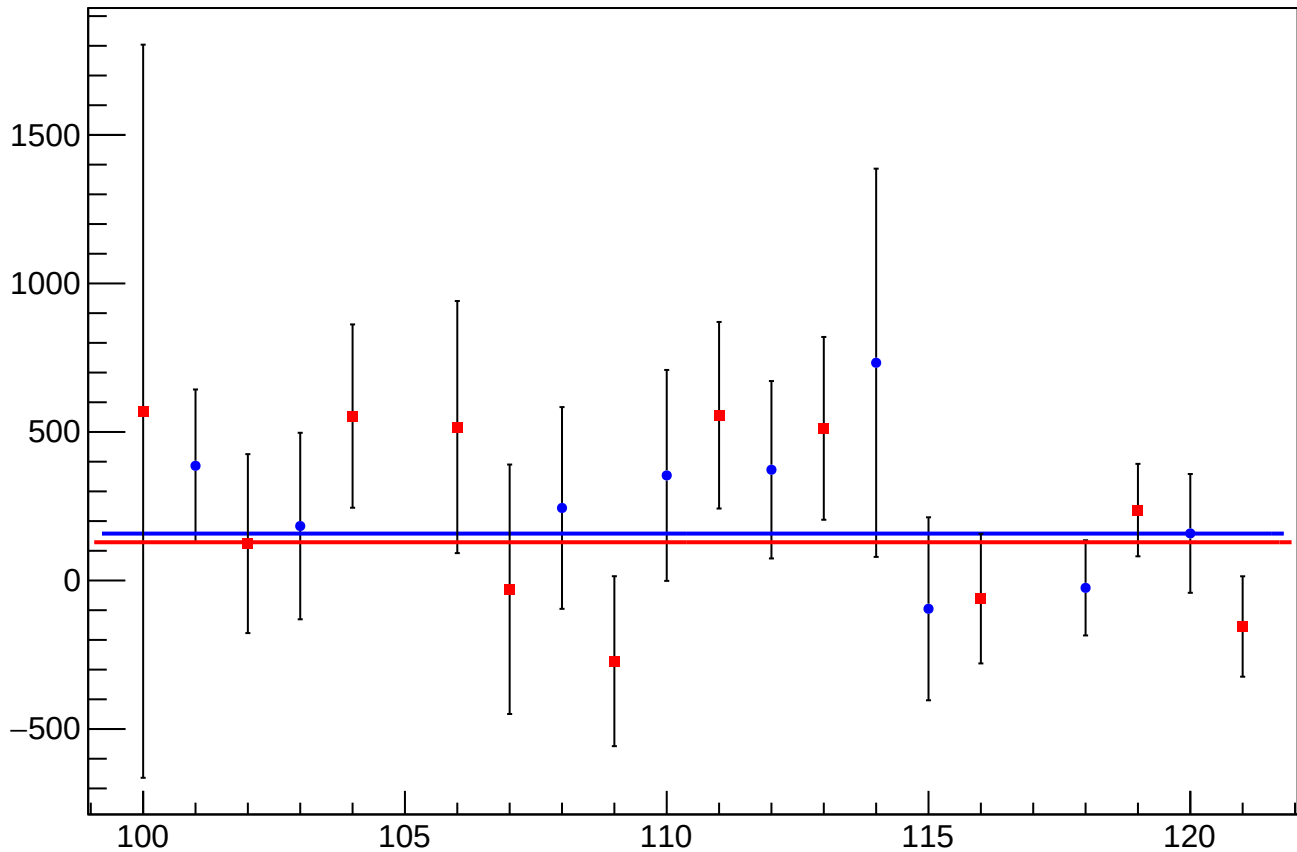
Right: 1738.114+/-0.447 χ^2/NDF : 1319315.6/19

In: 1778.619+/-0.679 χ^2/NDF : 479296.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.114+/-0.447 χ^2/NDF : 1319315.6/19

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.773+/-78.176 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

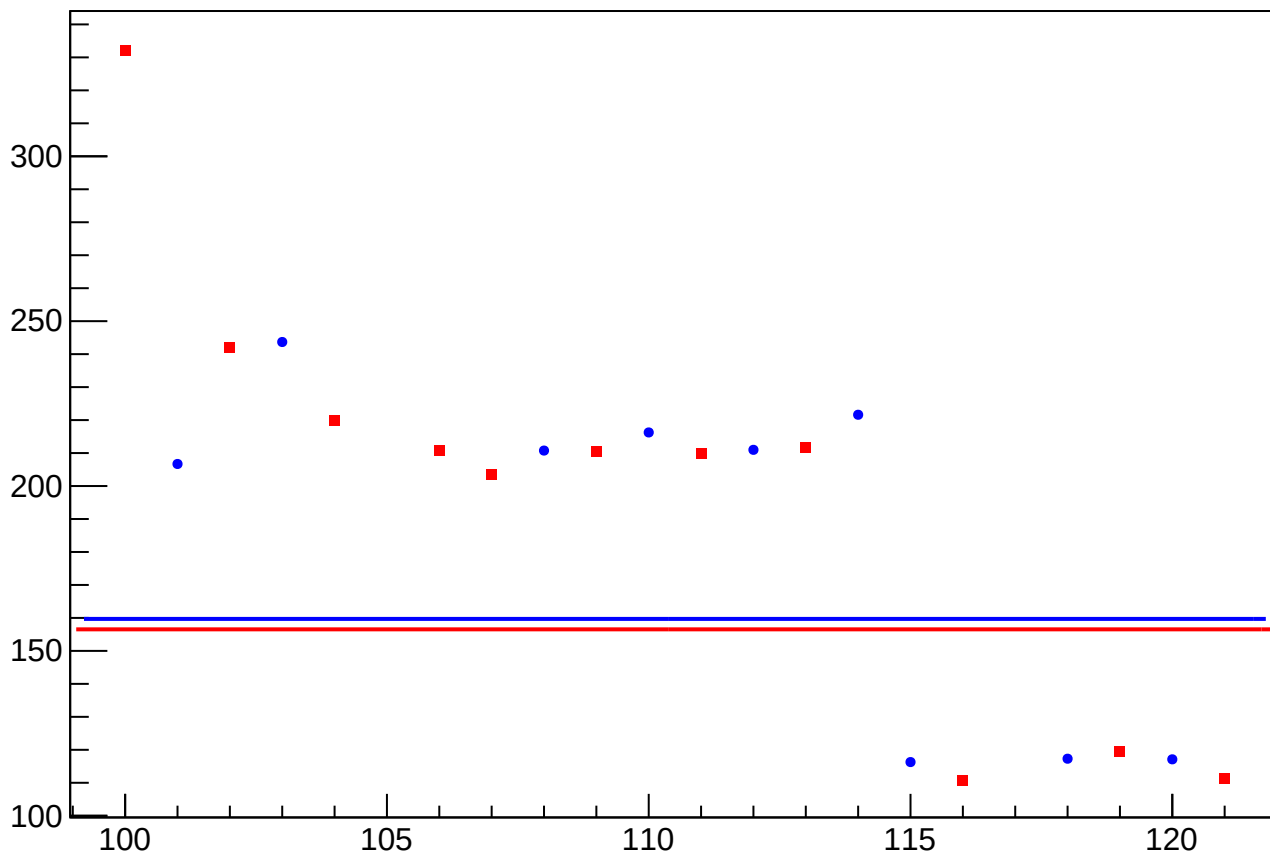
Right: 141.676+/-58.362 χ^2/NDF : 16.9/19

In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.676+/-58.362 χ^2/NDF : 16.9/19

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 159.702 $\pm$ 0.062 χ^2 /NDF: 653380.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.535 $\pm$ 0.055 χ^2 /NDF: 881731.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

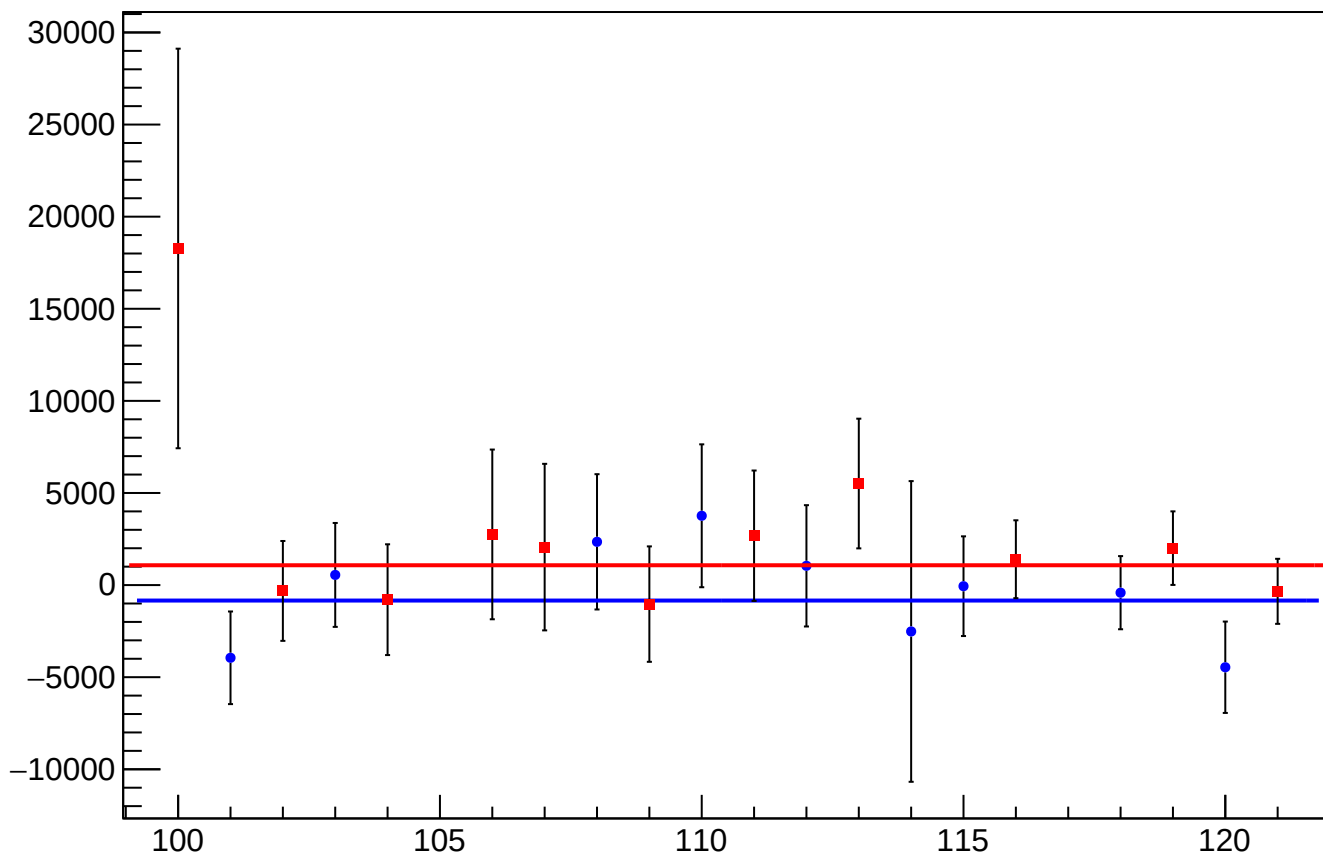
Right: 157.937 $\pm$ 0.041 χ^2 /NDF: 1536564.3/19

In: 159.702 $\pm$ 0.062 χ^2 /NDF:653380.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.937 $\pm$ 0.041 χ^2 /NDF: 1536564.3/19

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.351+/-842.384 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

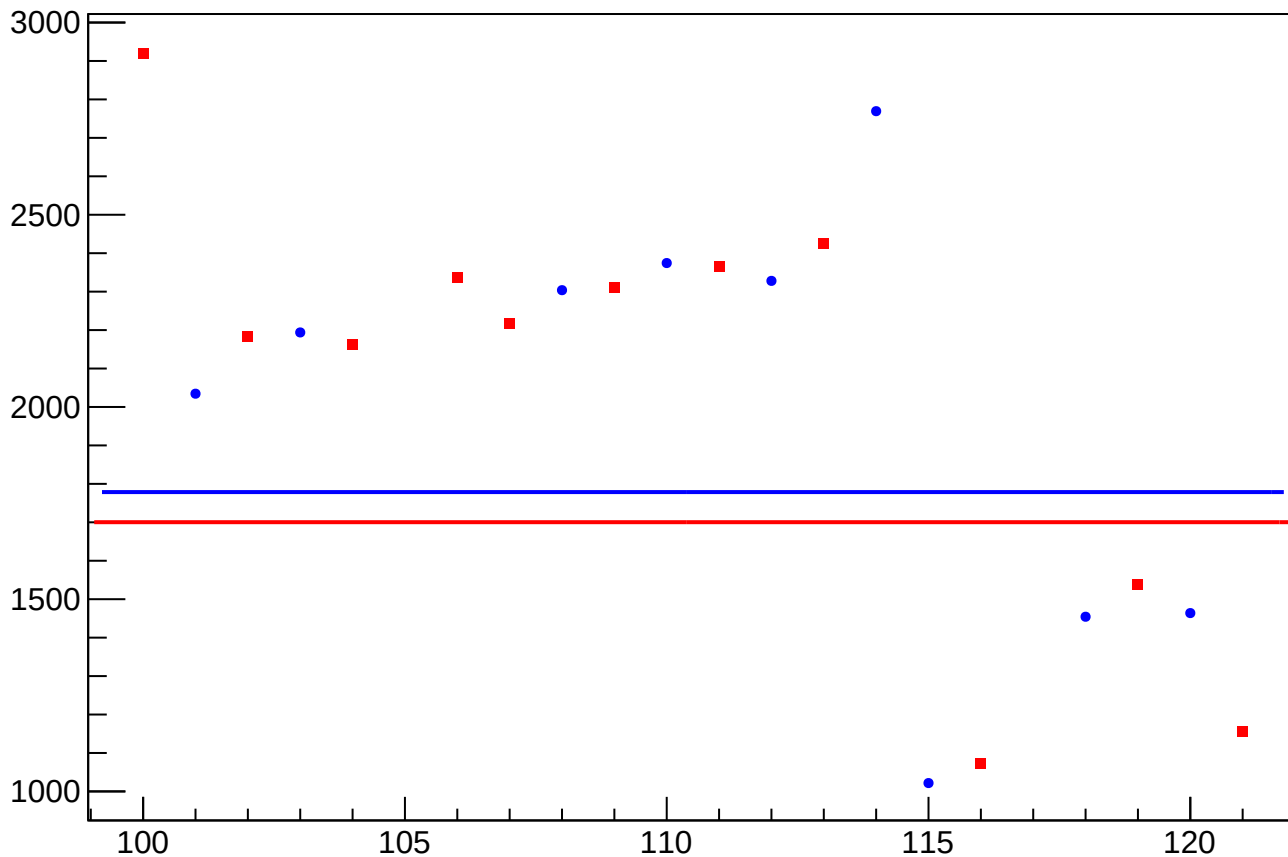
Right: 243.042+/-633.240 χ^2/NDF : 15.3/19

In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.042+/-633.240 χ^2/NDF : 15.3/19

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1700.302+/-0.596 χ^2/NDF : 813162.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

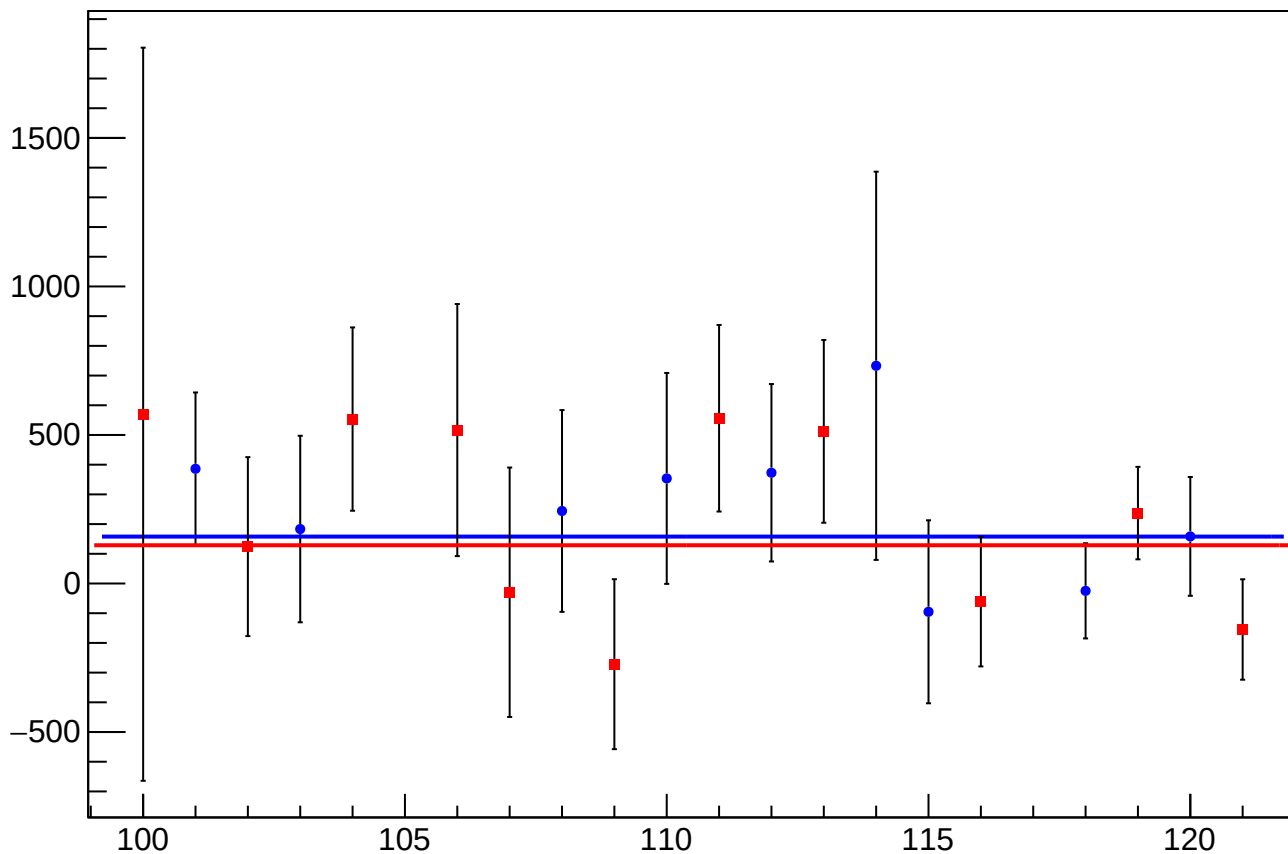
Right: 1734.366+/-0.448 χ^2/NDF : 1299999.0/19

In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.366+/-0.448 χ^2/NDF : 1299999.0/19

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.773+/-78.176 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

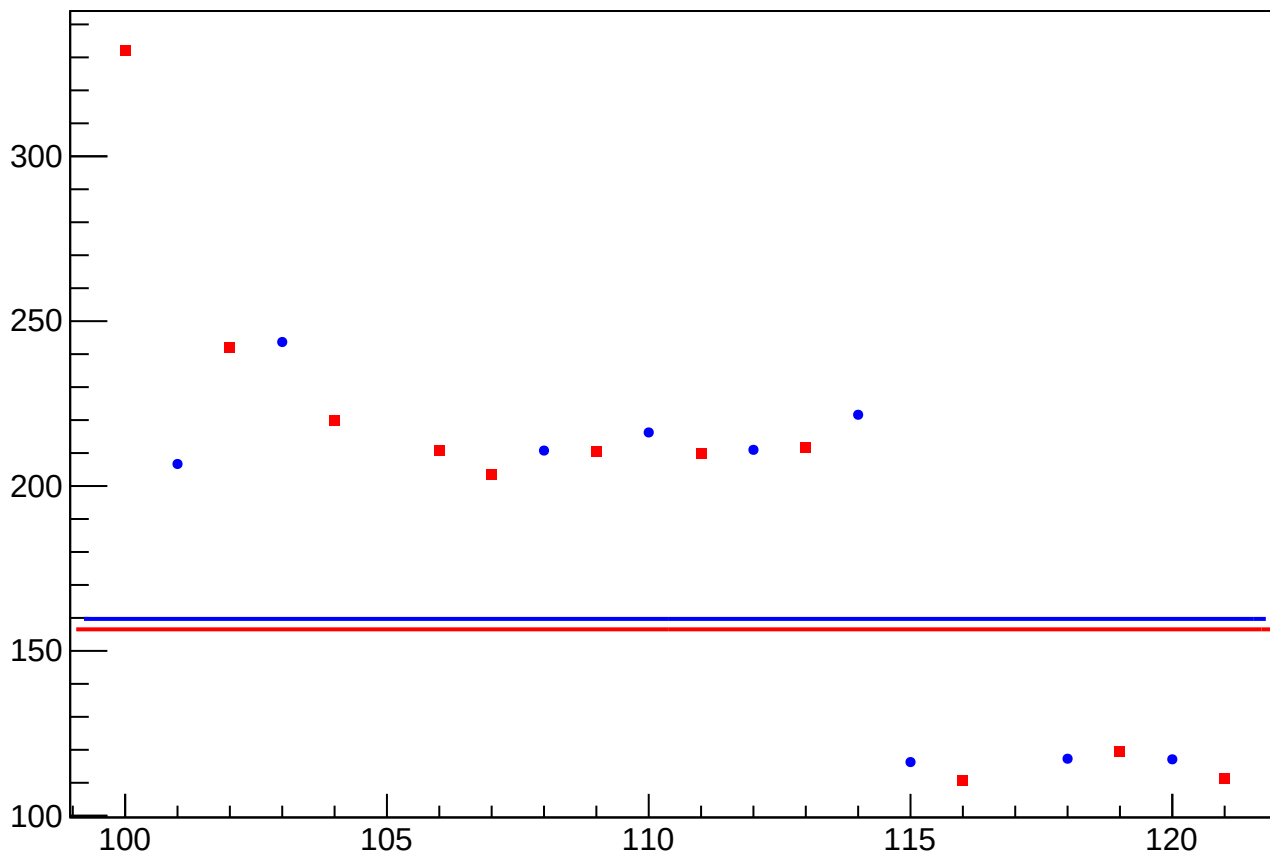
Right: 141.676+/-58.362 χ^2/NDF : 16.9/19

In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.676+/-58.362 χ^2/NDF : 16.9/19

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 159.702 $\pm$ 0.062 χ^2 /NDF: 653380.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.535 $\pm$ 0.055 χ^2 /NDF: 881731.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

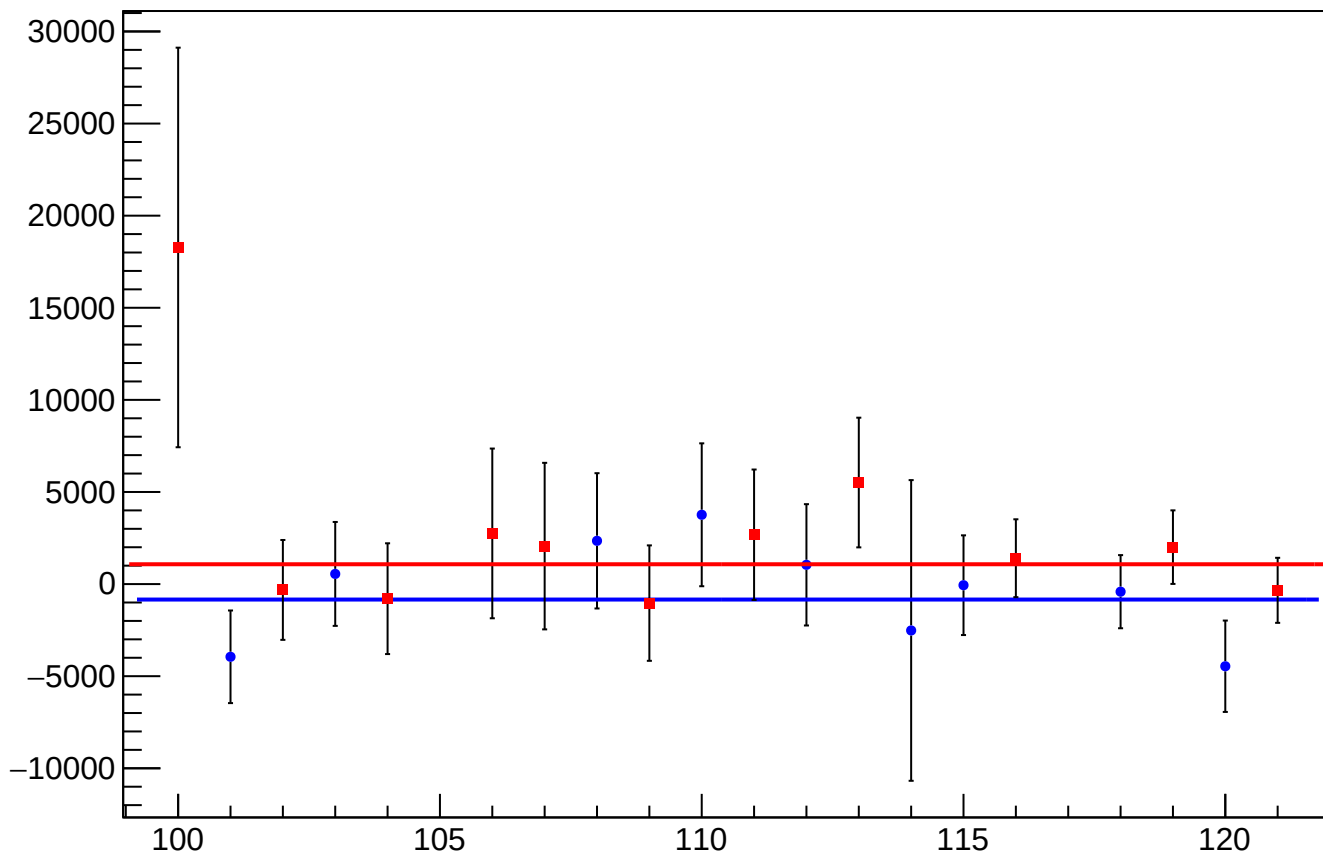
Right: 157.937 $\pm$ 0.041 χ^2 /NDF: 1536564.3/19

In: 159.702 $\pm$ 0.062 χ^2 /NDF:653380.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.937 $\pm$ 0.041 χ^2 /NDF: 1536564.3/19

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.351+/-842.384 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

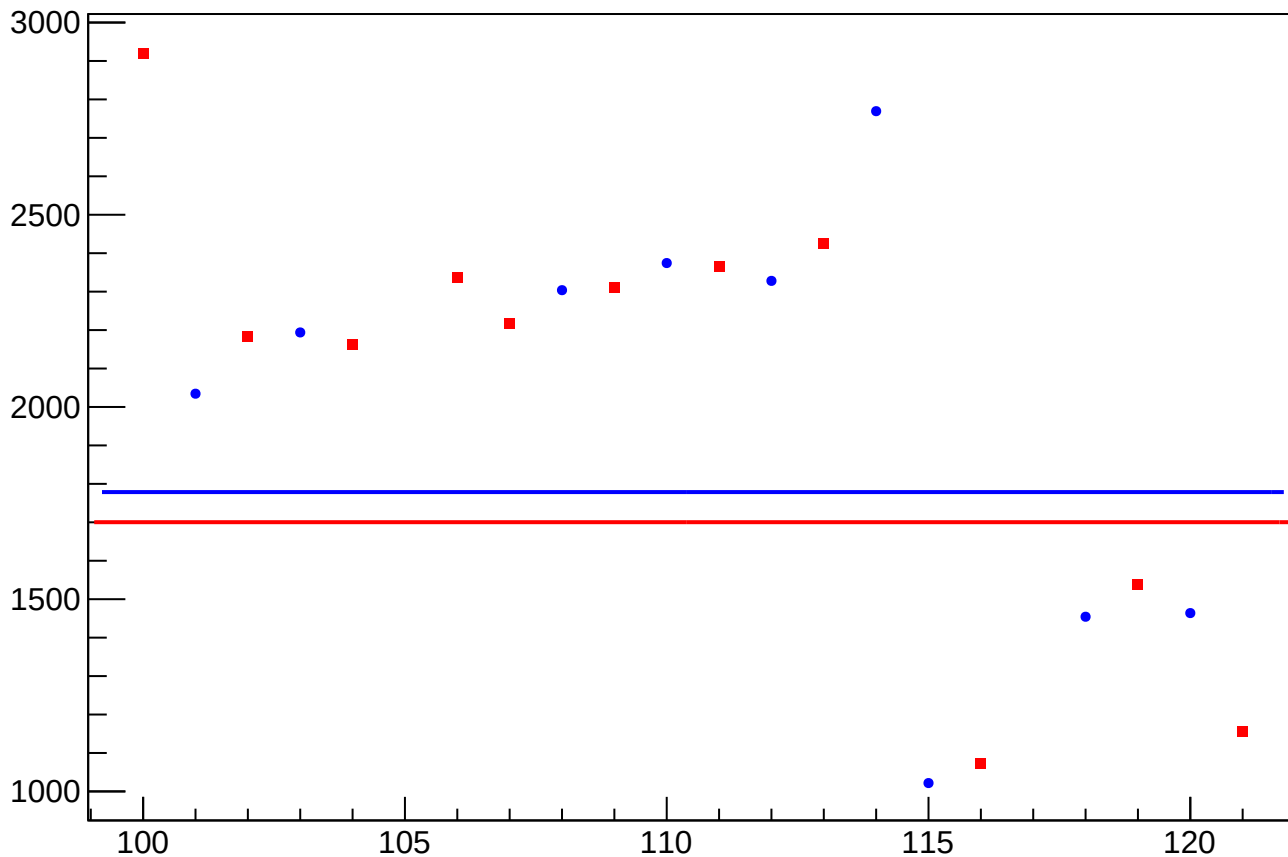
Right: 243.042+/-633.240 χ^2/NDF : 15.3/19

In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.042+/-633.240 χ^2/NDF : 15.3/19

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1700.302+/-0.596 χ^2/NDF : 813162.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

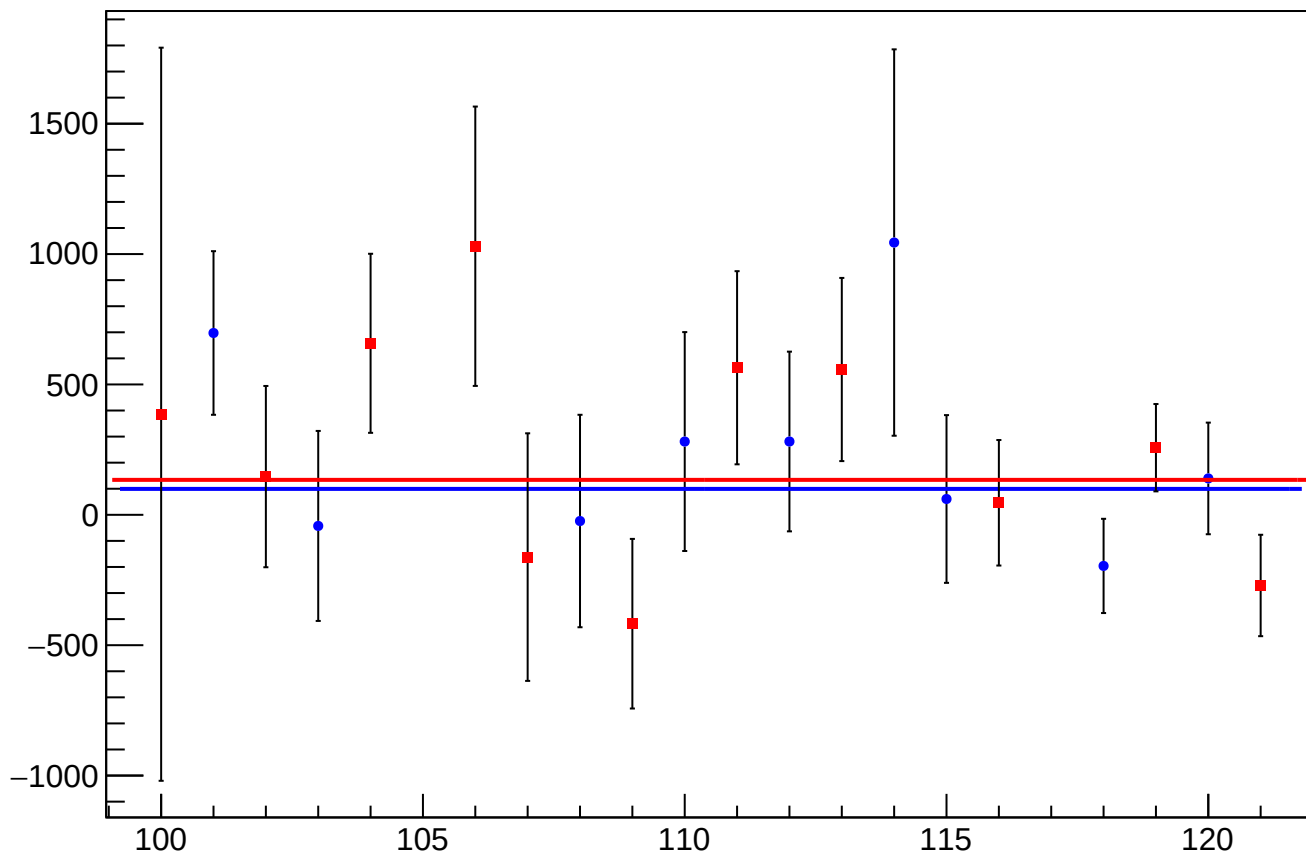
Right: 1734.366+/-0.448 χ^2/NDF : 1299999.0/19

In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.366+/-0.448 χ^2/NDF : 1299999.0/19

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 99.404+/-99.138 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.049+/-87.913 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

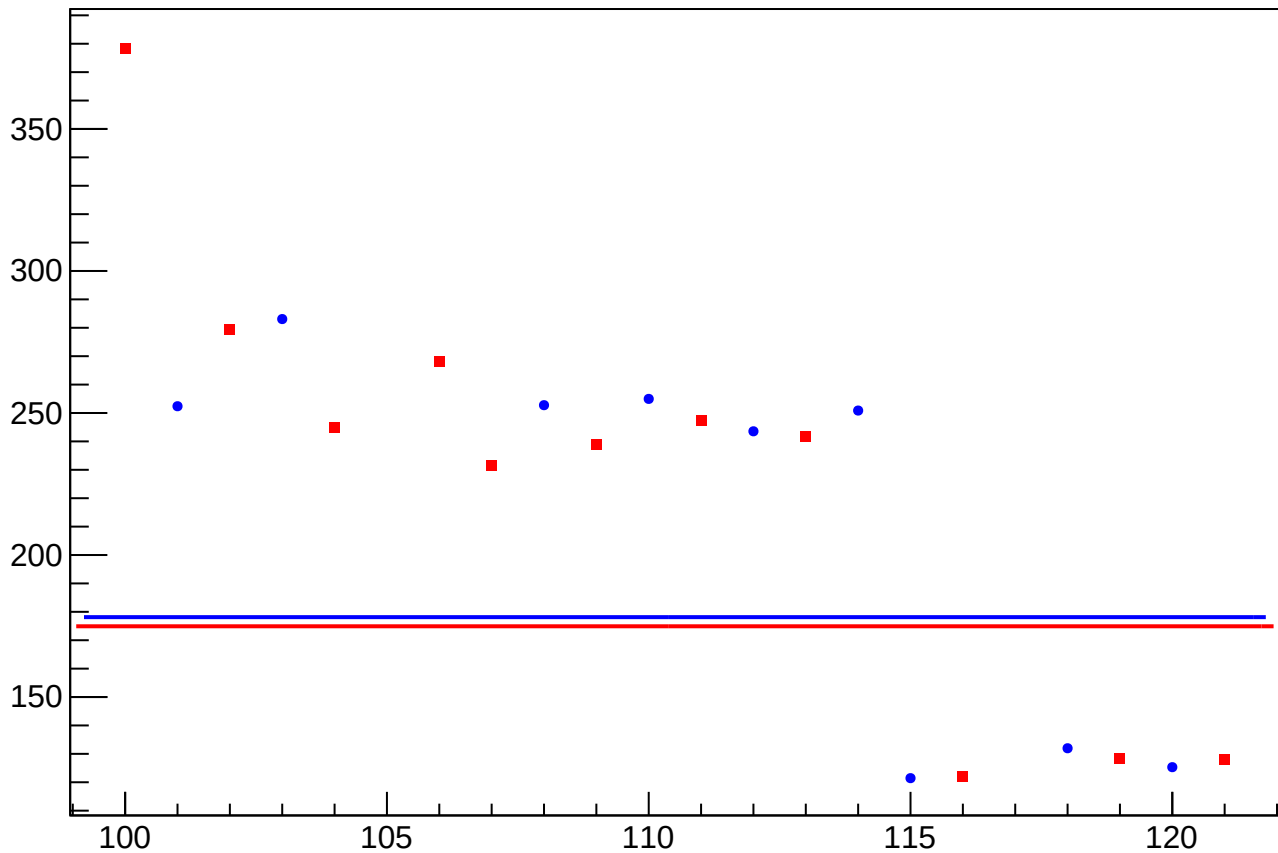
Right: 118.798+/-65.776 χ^2/NDF : 25.0/19

In: 99.404+/-99.138 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.798+/-65.776 χ^2/NDF : 25.0/19

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 178.128+/-0.070 χ^2/NDF : 817785.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.910+/-0.062 χ^2/NDF : 987882.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

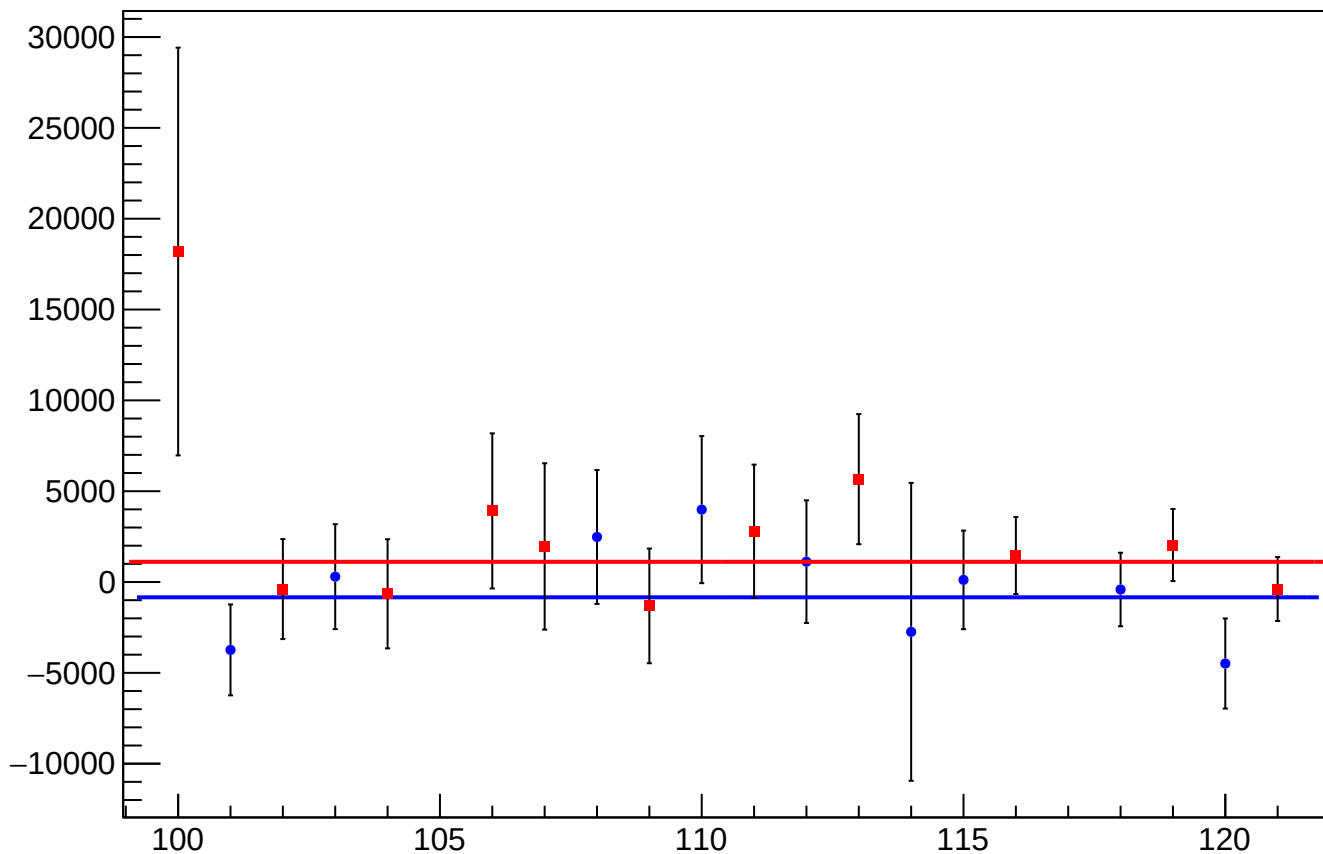
Right: 176.327+/-0.047 χ^2/NDF : 1806848.6/19

In: 178.128+/-0.070 χ^2/NDF : 817785.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.327+/-0.047 χ^2/NDF : 1806848.6/19

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -841.887 $\pm$ 971.503 χ^2/NDF : 6.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1113.102 $\pm$ 843.511 χ^2/NDF : 6.8/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

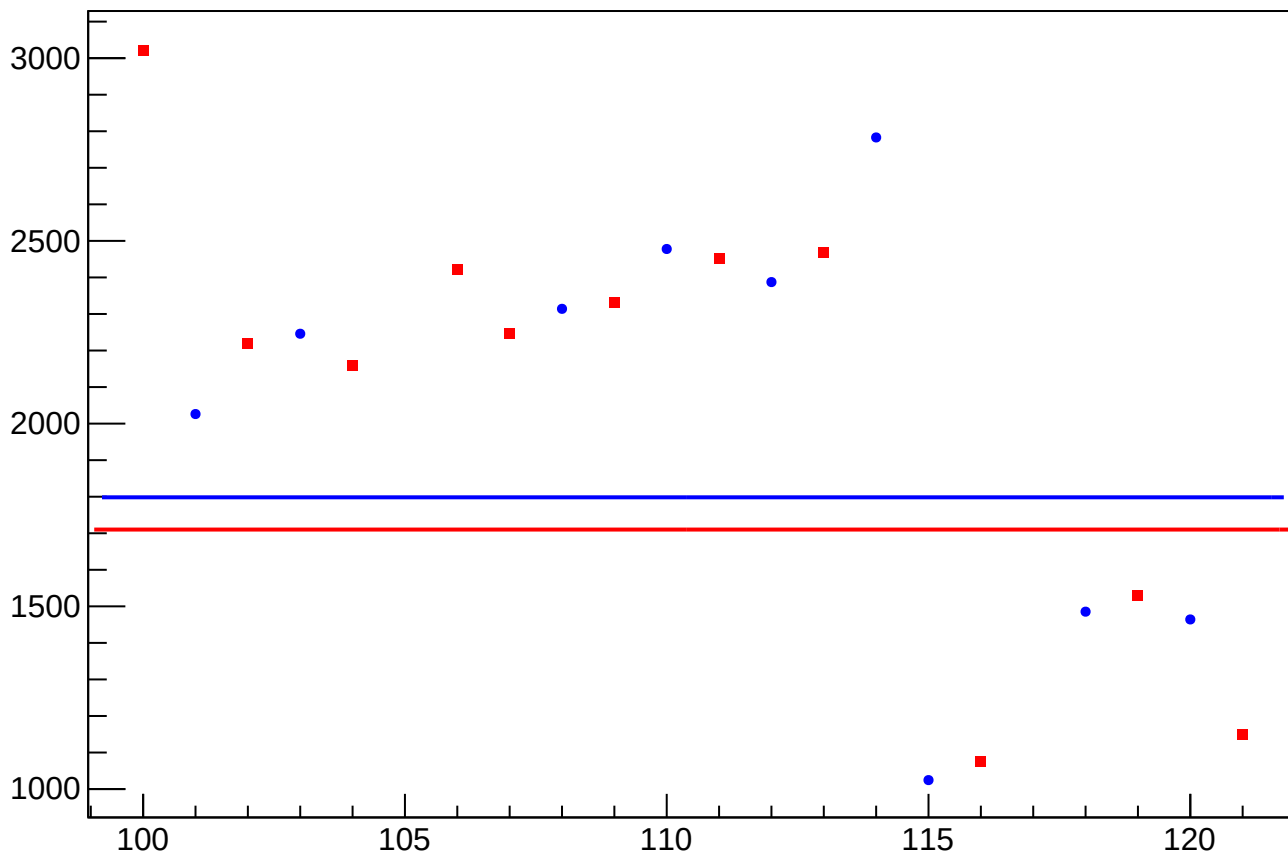
Right: 272.788 $\pm$ 636.932 χ^2/NDF : 15.6/19

In: -841.887 $\pm$ 971.503 χ^2/NDF : 6.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 272.788 $\pm$ 636.932 χ^2/NDF : 15.6/19

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1798.356+/-0.687 χ^2/NDF : 496697.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.114+/-0.596 χ^2/NDF : 870889.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

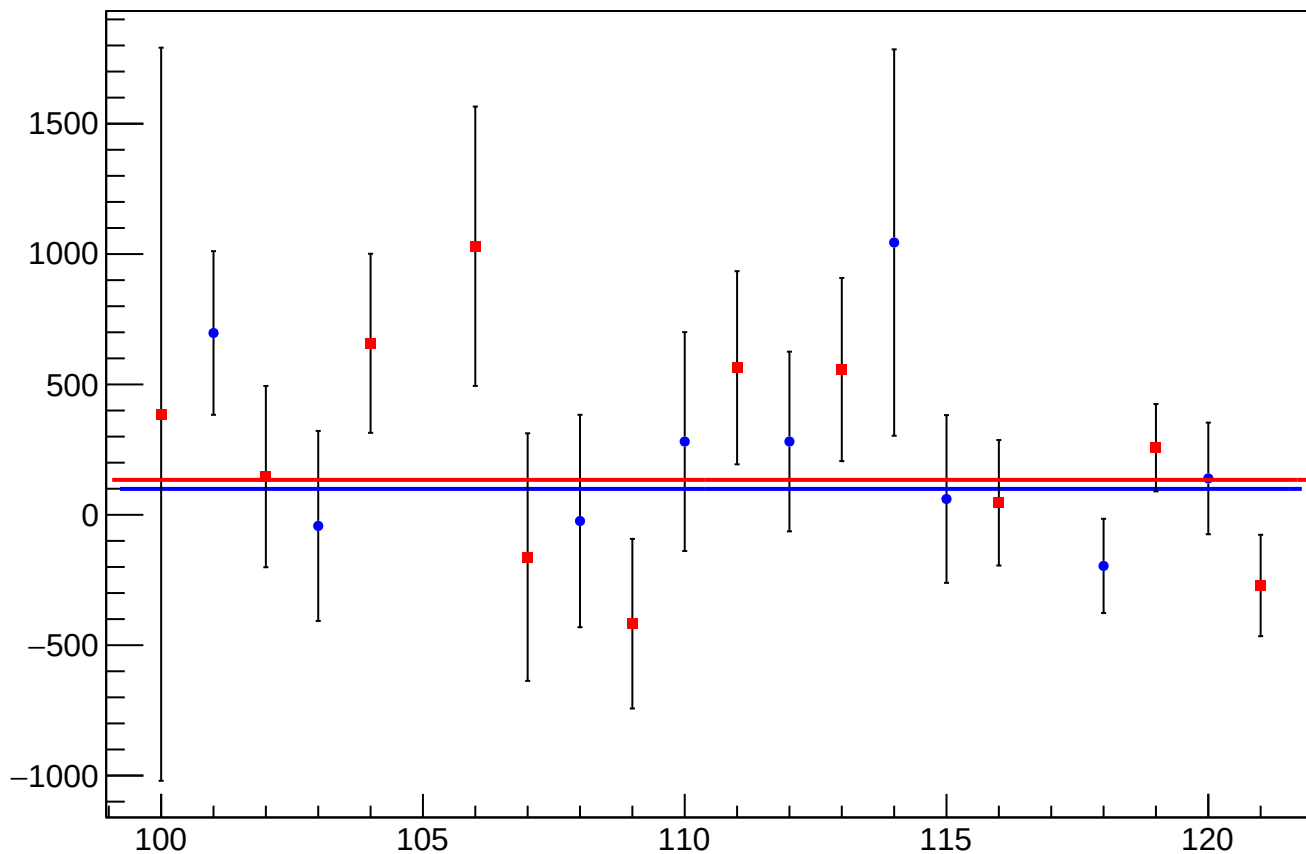
Right: 1748.043+/-0.450 χ^2/NDF : 1376995.2/19

In: 1798.356+/-0.687 χ^2/NDF : 496697.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.043+/-0.450 χ^2/NDF : 1376995.2/19

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 99.408+/-99.137 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.047+/-87.913 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

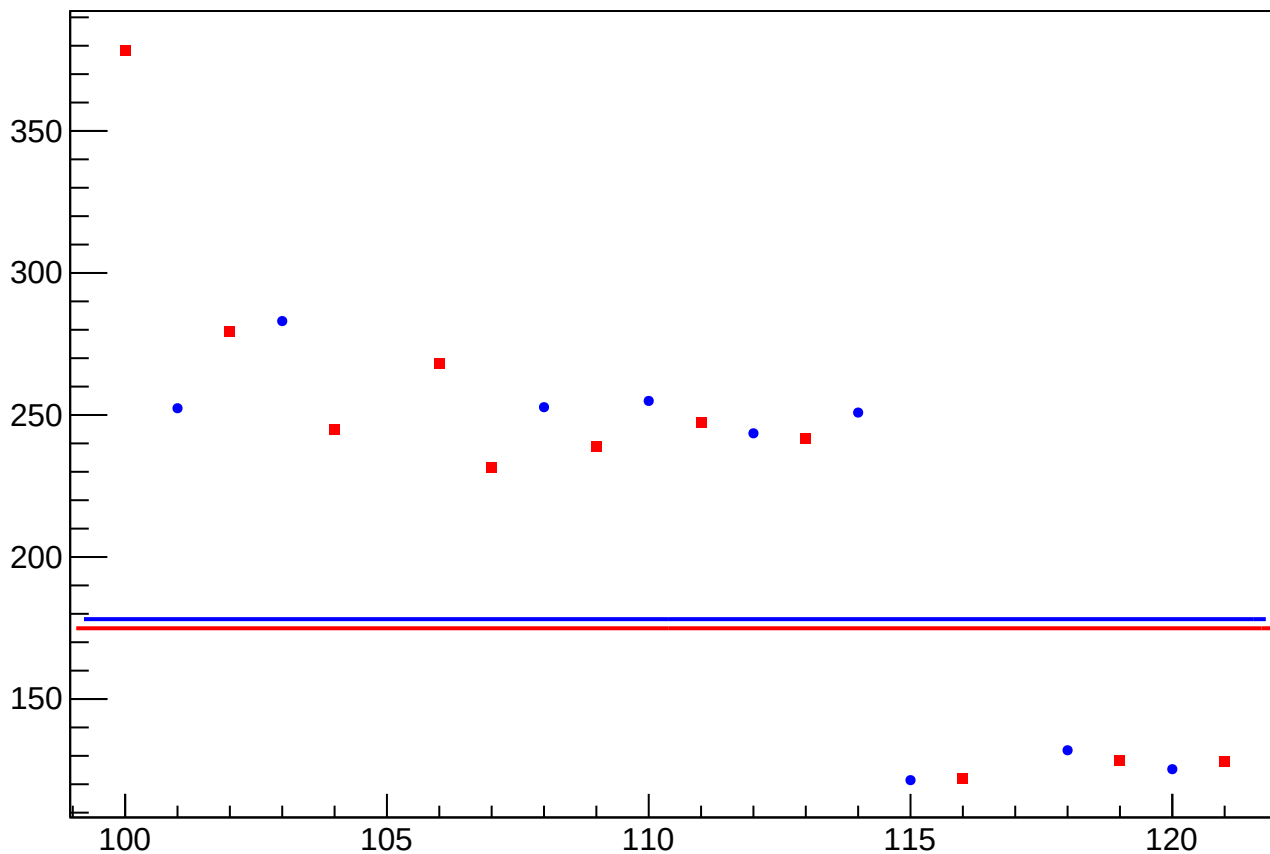
Right: 118.799+/-65.776 χ^2/NDF : 25.0/19

In: 99.408+/-99.137 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.799+/-65.776 χ^2/NDF : 25.0/19

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 178.128+/-0.070 χ^2/NDF : 817770.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.910+/-0.062 χ^2/NDF : 987860.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

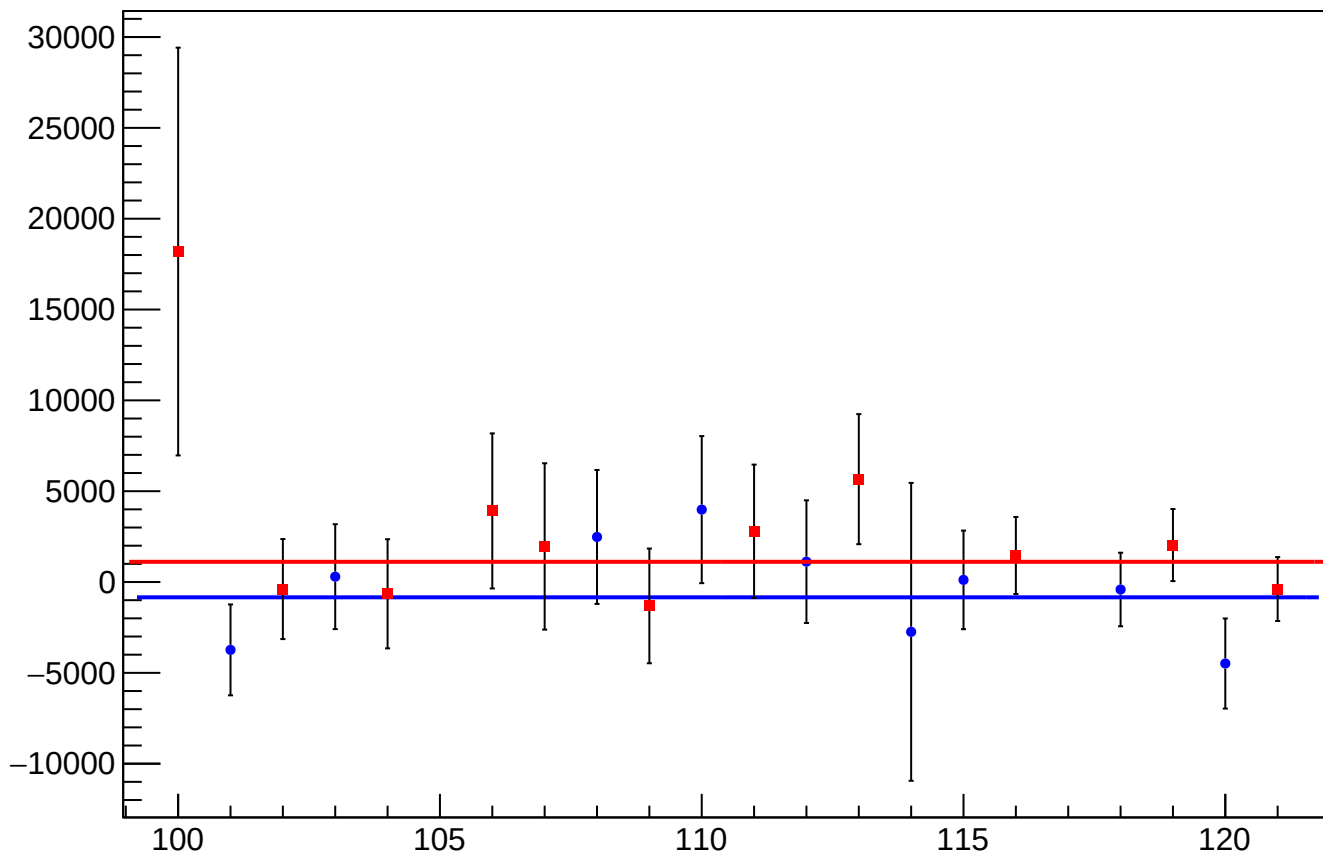
Right: 176.326+/-0.047 χ^2/NDF : 1806810.2/19

In: 178.128+/-0.070 χ^2/NDF : 817770.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.326+/-0.047 χ^2/NDF : 1806810.2/19

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -841.885+/-971.501 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.102+/-843.510 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

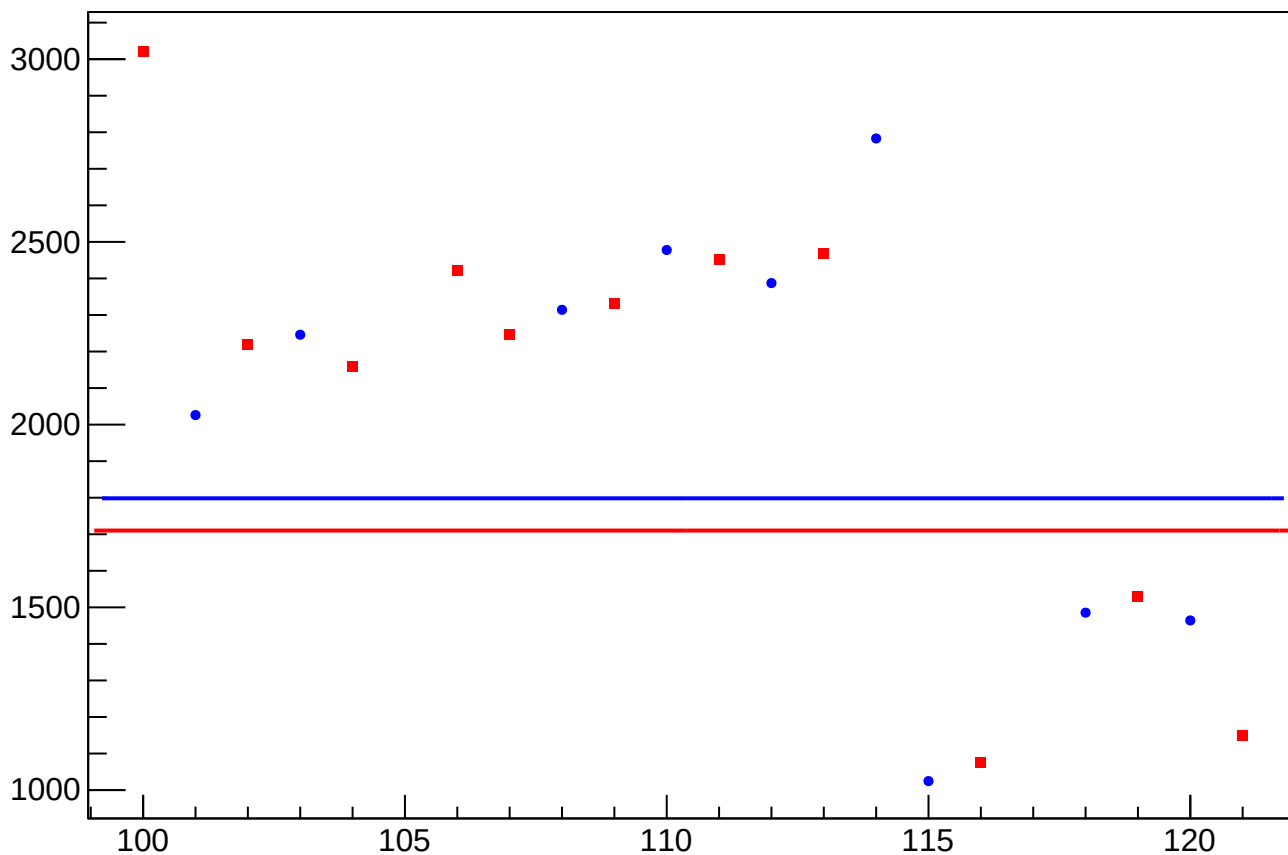
Right: 272.789+/-636.931 χ^2/NDF : 15.6/19

In: -841.885+/-971.501 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.789+/-636.931 χ^2/NDF : 15.6/19

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1798.353+/-0.687 χ^2/NDF : 496689.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.112+/-0.596 χ^2/NDF : 870878.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

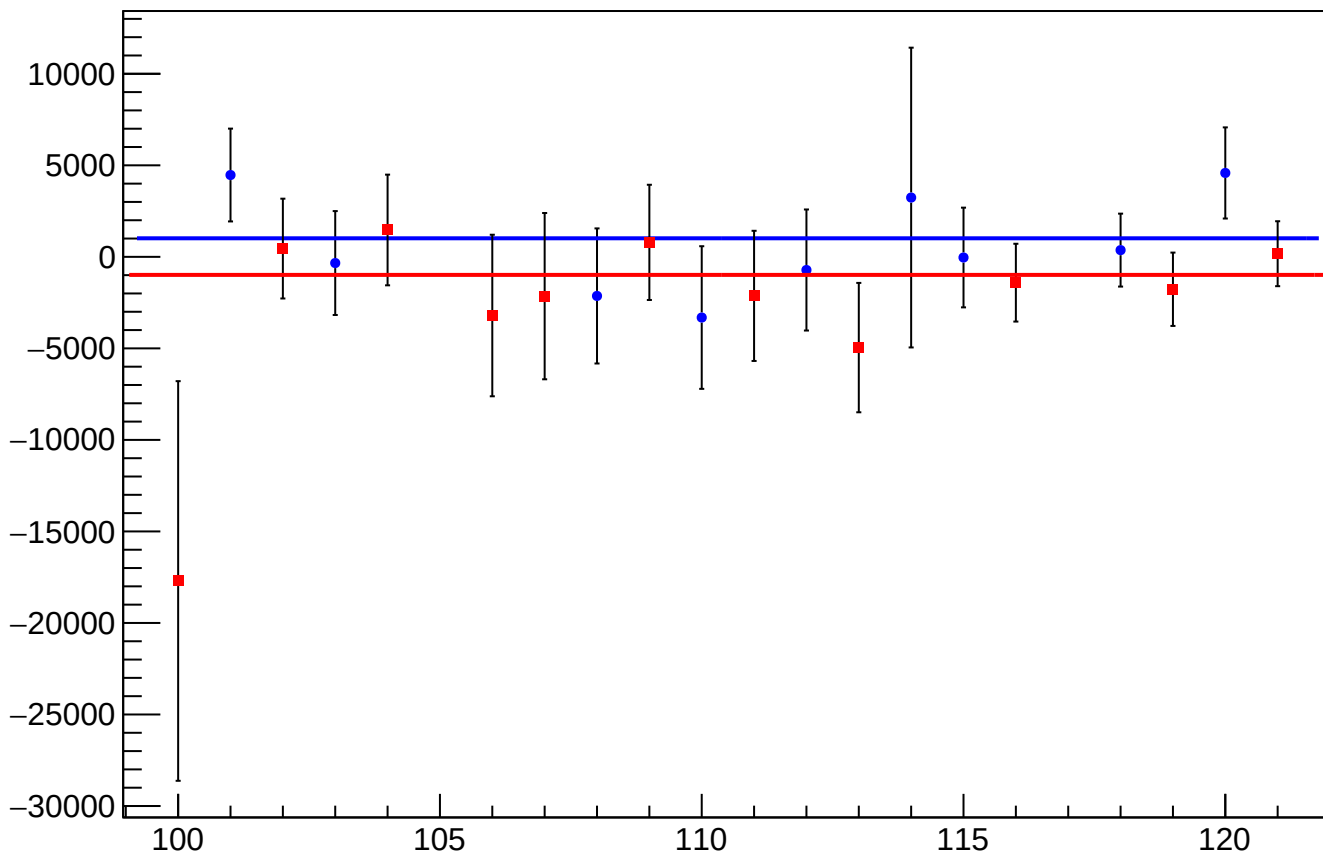
Right: 1748.041+/-0.450 χ^2/NDF : 1376976.5/19

In: 1798.353+/-0.687 χ^2/NDF : 496689.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.041+/-0.450 χ^2/NDF : 1376976.5/19

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1013.591+/-965.138 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -985.877+/-844.915 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

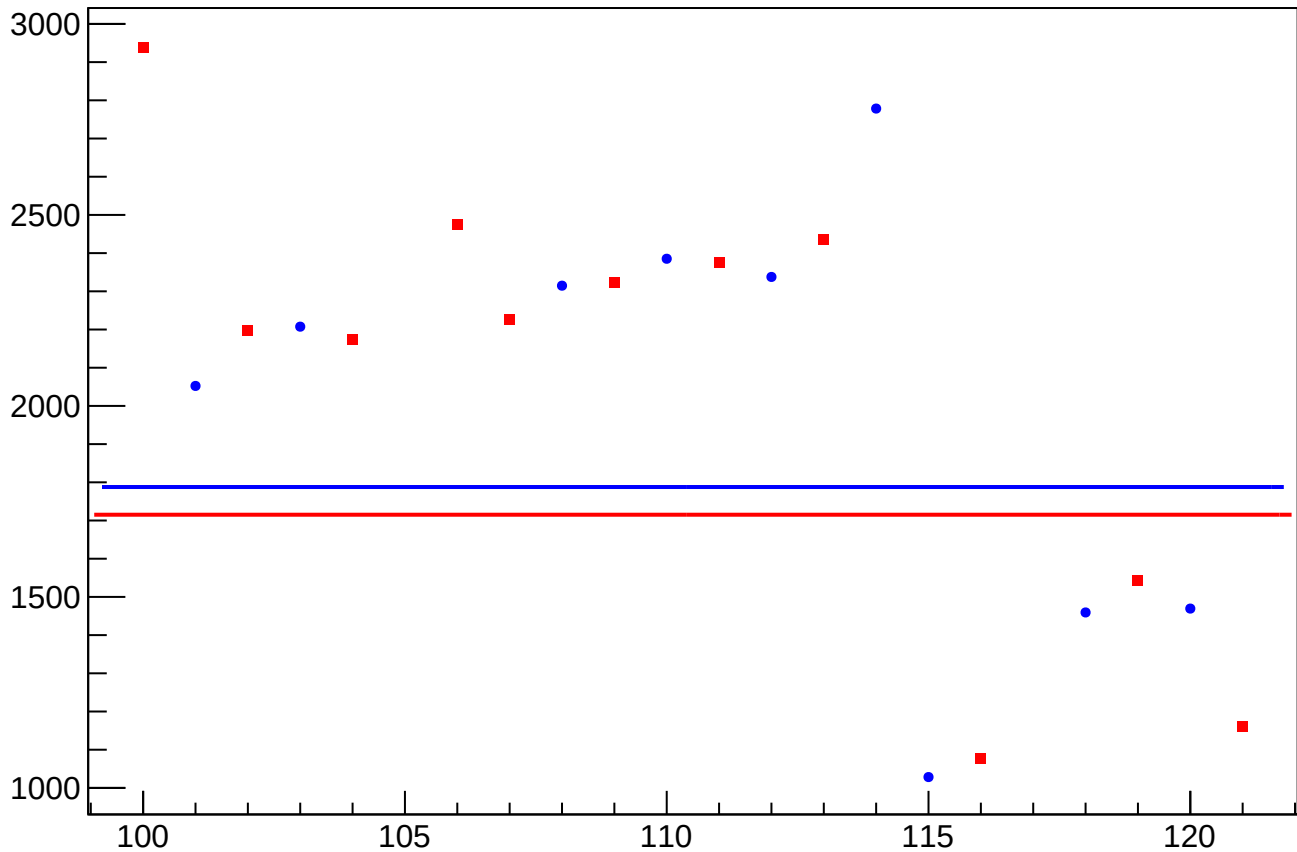
Right: -118.363+/-635.727 χ^2/NDF : 15.0/19

In: 1013.591+/-965.138 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.363+/-635.727 χ^2/NDF : 15.0/19

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1787.703+/-0.682 χ^2/NDF : 480463.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.170+/-0.597 χ^2/NDF : 834604.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

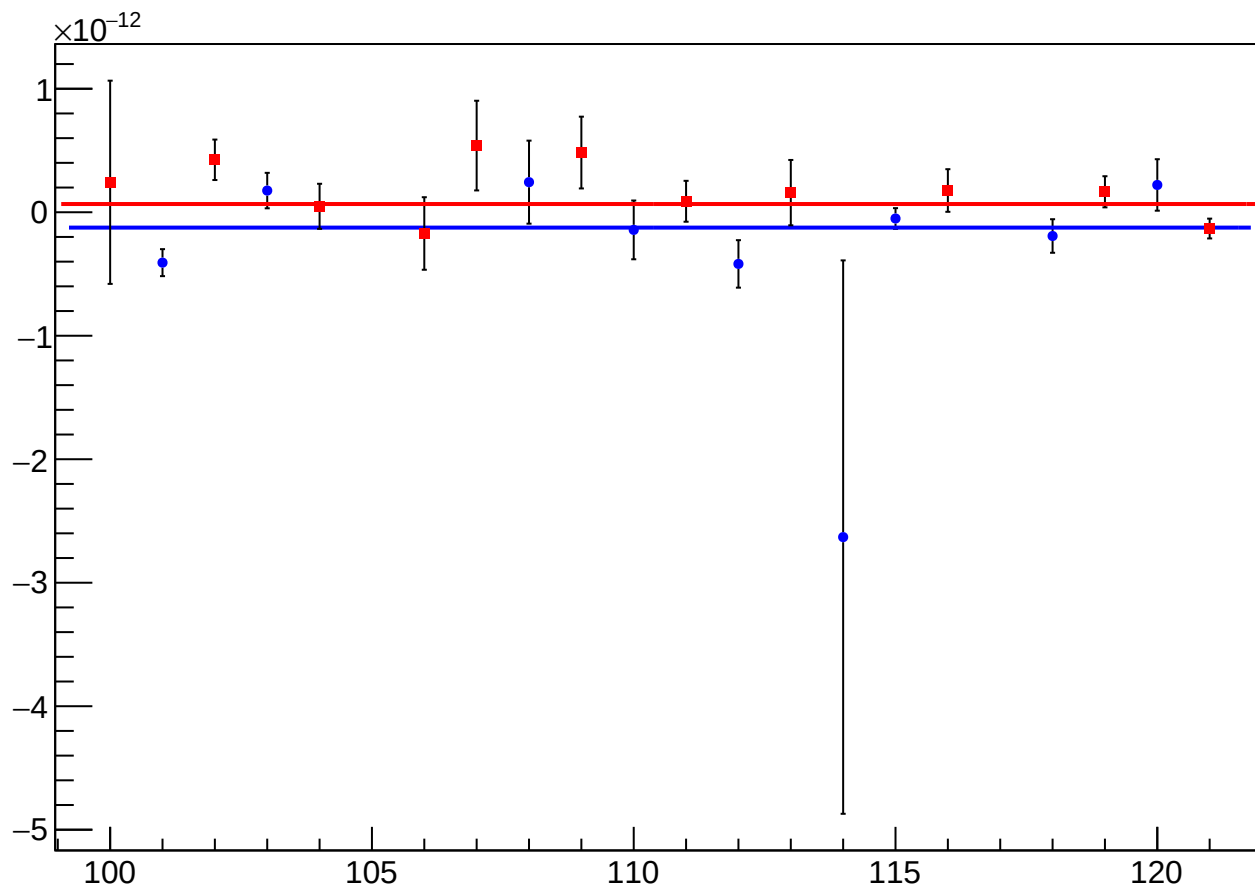
Right: 1746.640+/-0.450 χ^2/NDF : 1321462.0/19

In: 1787.703+/-0.682 χ^2/NDF : 480463.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.640+/-0.450 χ^2/NDF : 1321462.0/19

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

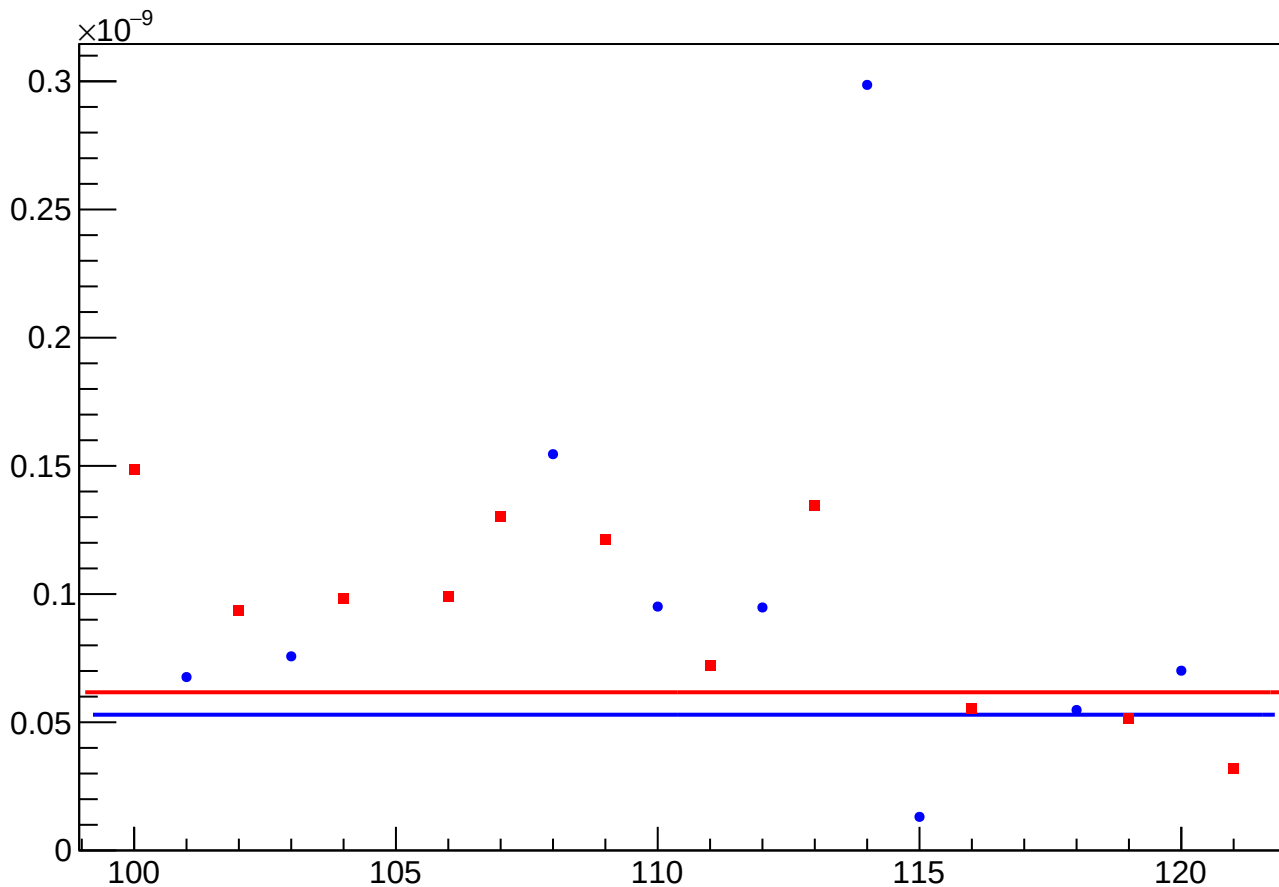
Right: -0.000+/-0.000 χ^2/NDF : 43.6/19

In: -0.000+/-0.000 χ^2/NDF : 19.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.6/19

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 915114.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 817930.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

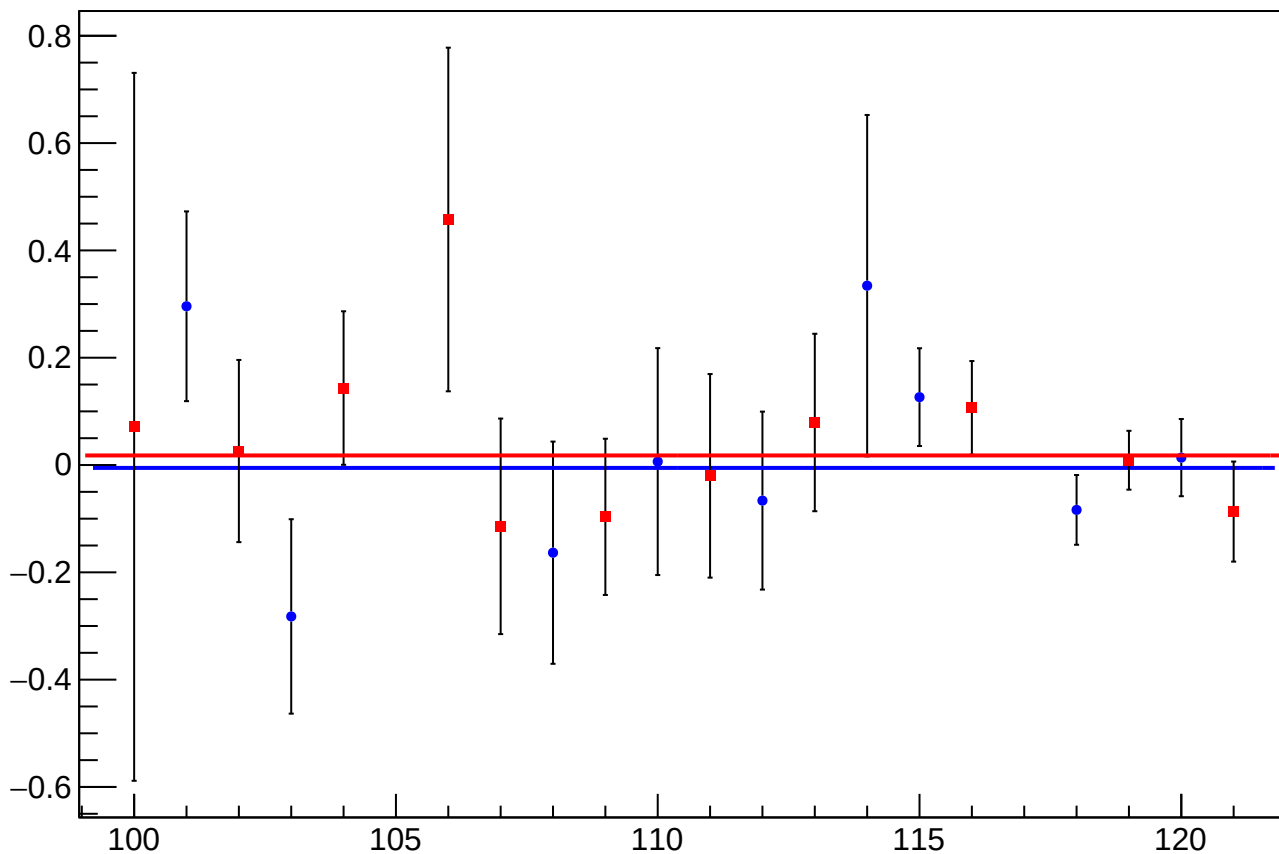
Right: 0.000+/-0.000 χ^2/NDF : 1763956.8/19

In: 0.000+/-0.000 χ^2/NDF : 915114.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1763956.8/19

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

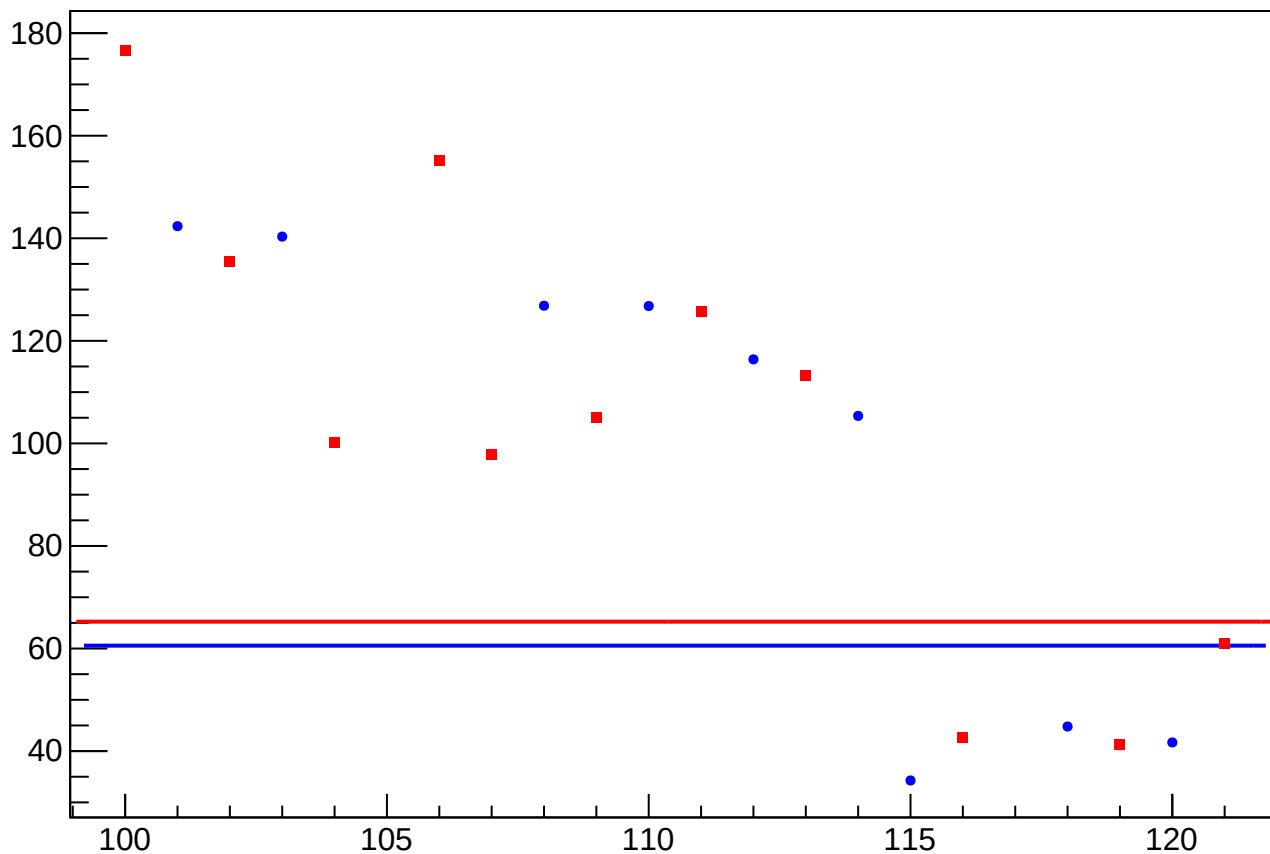
Right: 0.007+/-0.026 χ^2/NDF : 17.1/19

In: -0.005+/-0.038 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.026 χ^2/NDF : 17.1/19

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.238+/-0.025 χ^2/NDF : 1769087.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

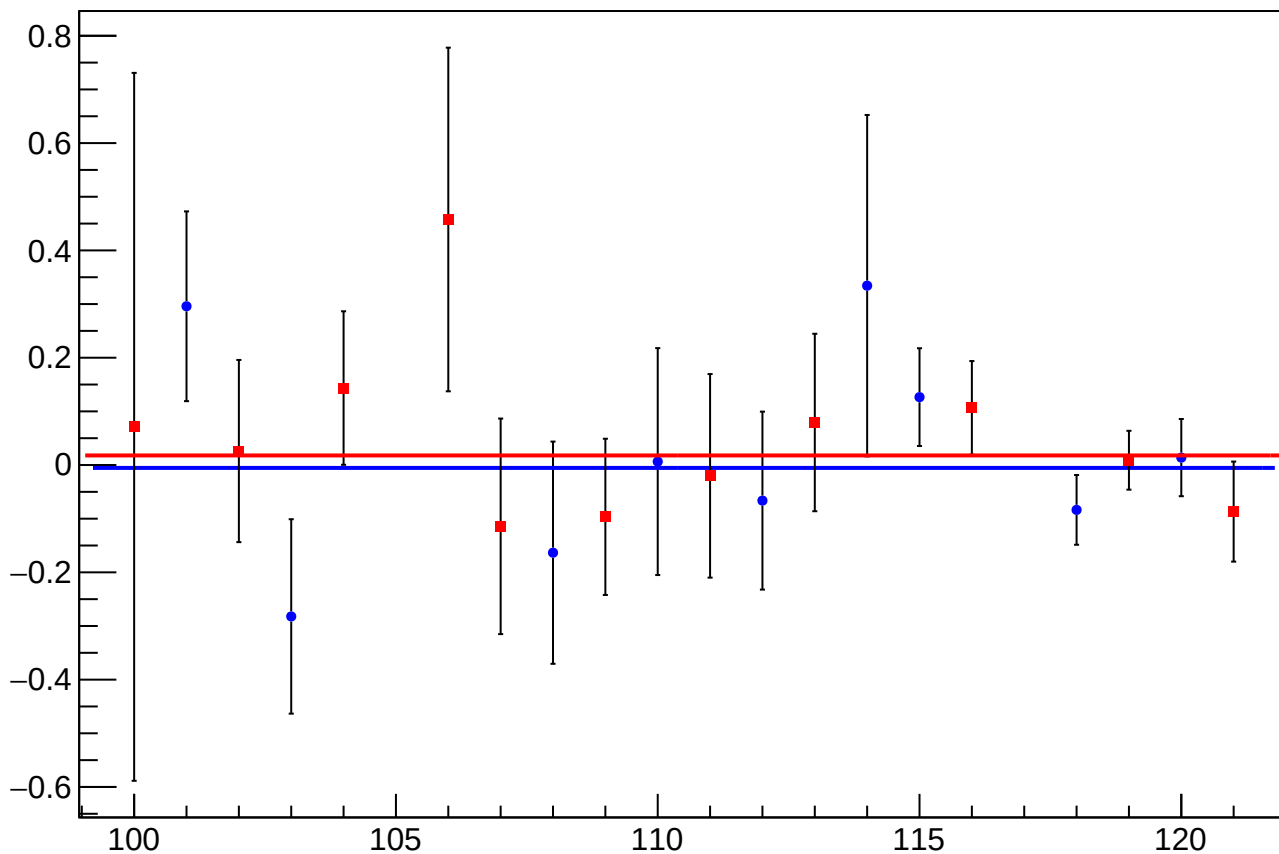
Right: 63.064+/-0.018 χ^2/NDF : 3690327.1/19

In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.064+/-0.018 χ^2/NDF : 3690327.1/19

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

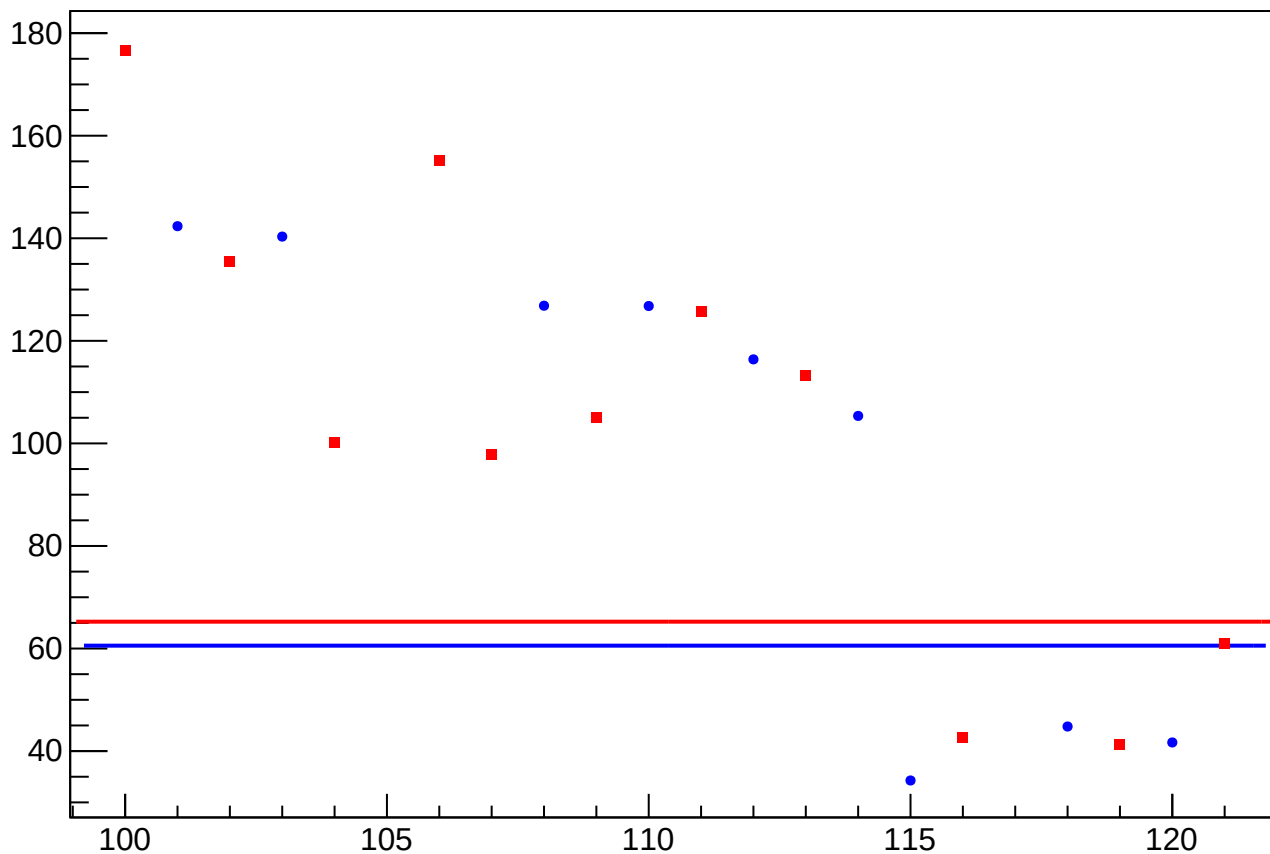
Right: 0.007+/-0.026 χ^2/NDF : 17.1/19

In: -0.005+/-0.038 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.026 χ^2/NDF : 17.1/19

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.238+/-0.025 χ^2/NDF : 1769087.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

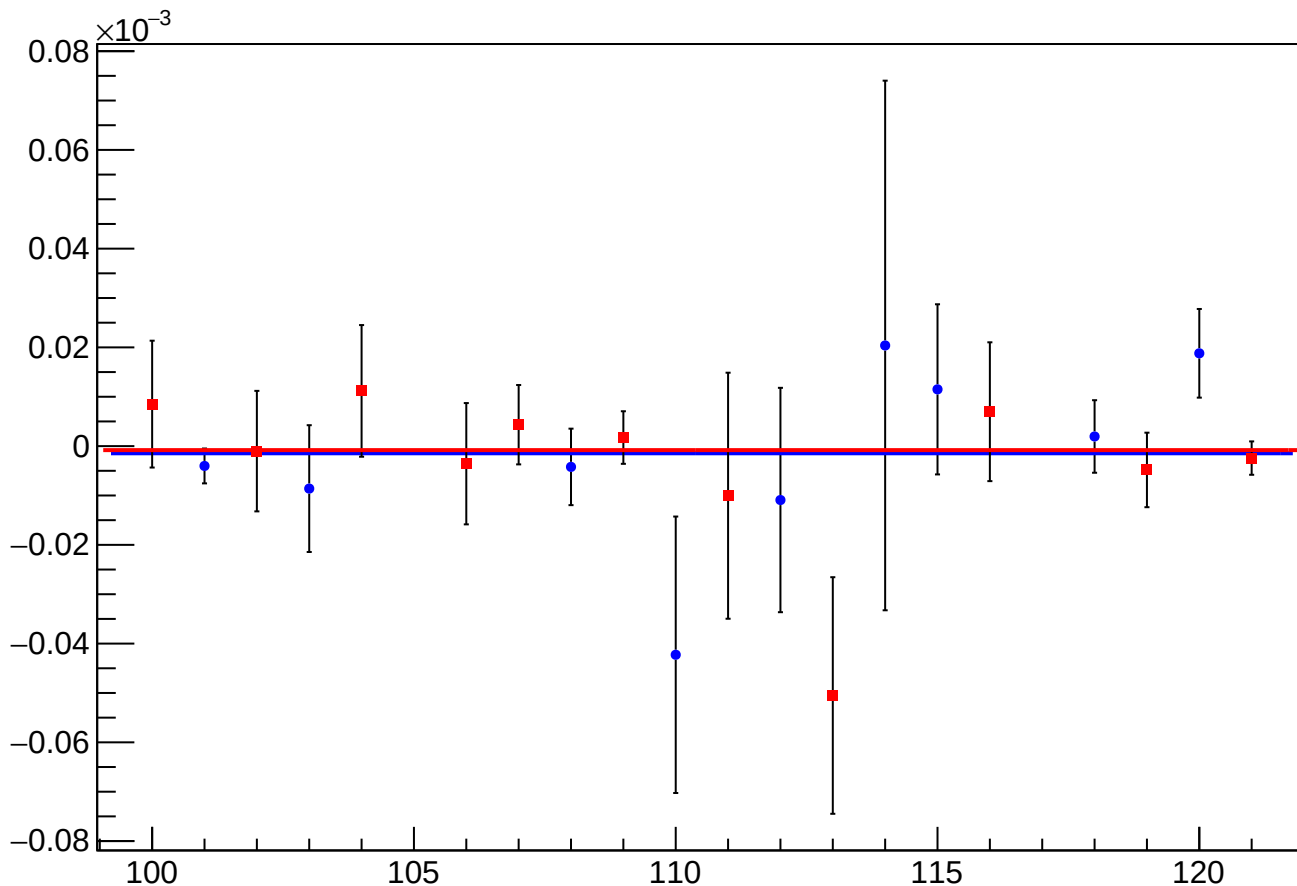
Right: 63.064+/-0.018 χ^2/NDF : 3690327.1/19

In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.064+/-0.018 χ^2/NDF : 3690327.1/19

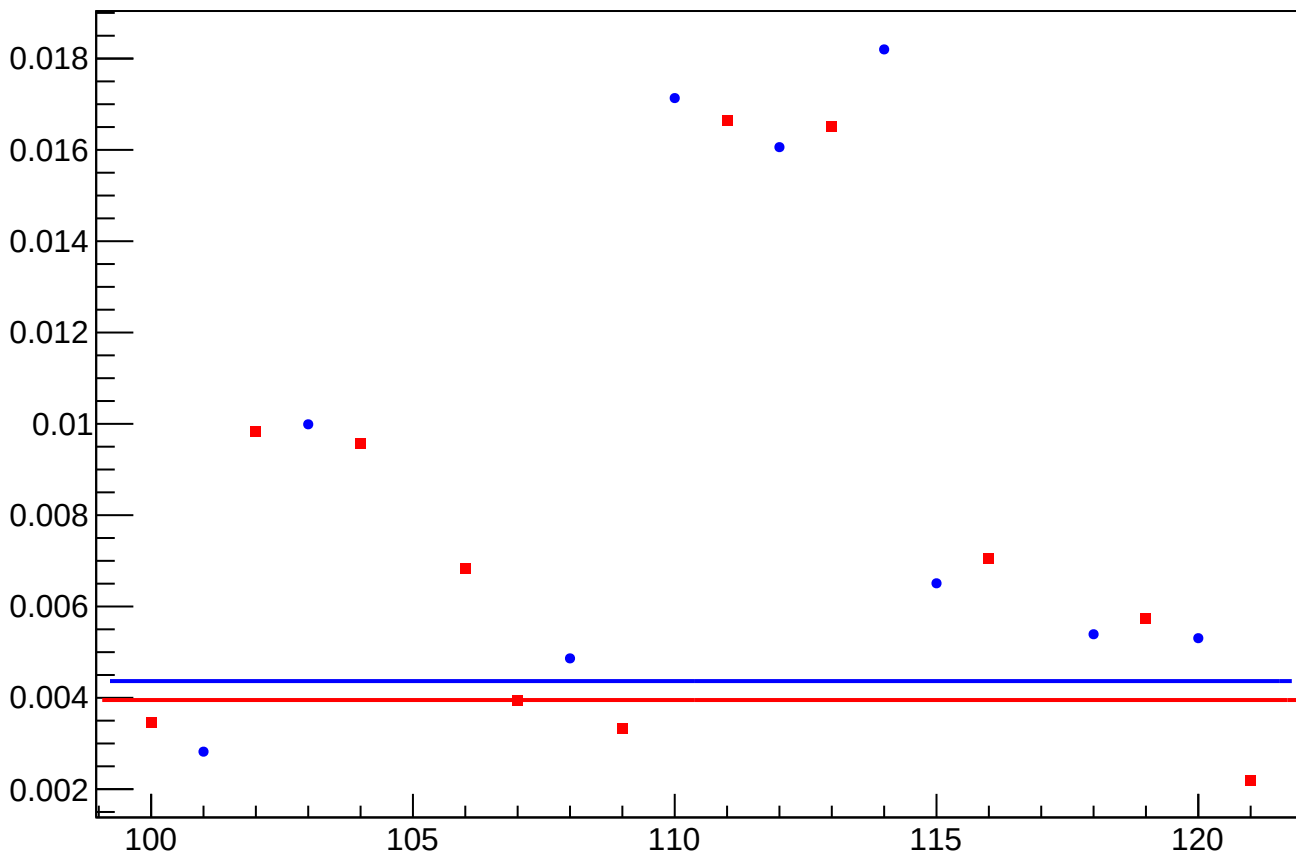
asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 7.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 16.6/19
 In: -0.000+/-0.000 χ^2/NDF : 9.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 16.6/19

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1945462.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2783352.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

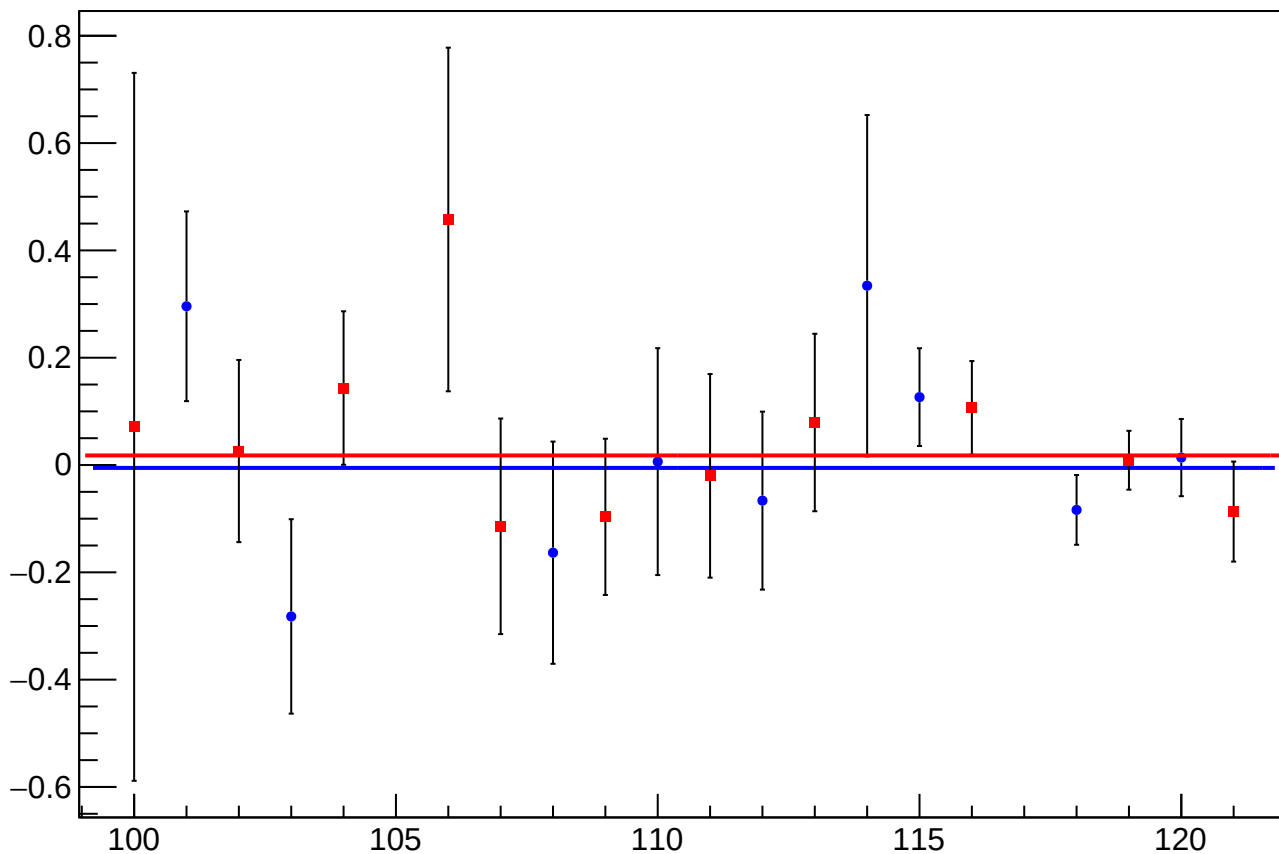
Right: 0.004+/-0.000 χ^2/NDF : 4756618.0/19

In: 0.004+/-0.000 χ^2/NDF :1945462.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 4756618.0/19

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.038 χ^2/NDF : 10.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 0.035 χ^2/NDF : 6.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

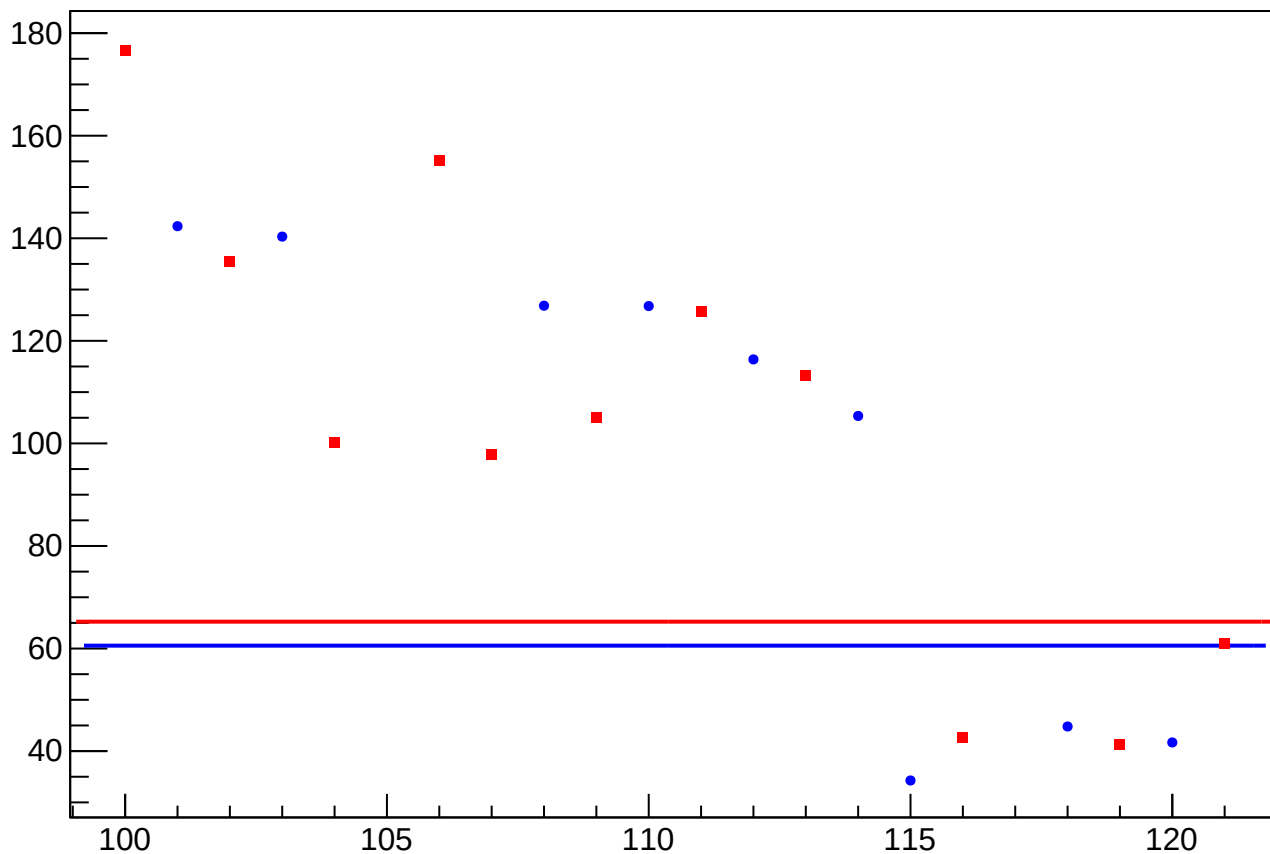
Right: 0.007 ± 0.026 χ^2/NDF : 17.1/19

In: -0.005 ± 0.038 χ^2/NDF : 10.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.026 χ^2/NDF : 17.1/19

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.238+/-0.025 χ^2/NDF : 1768990.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

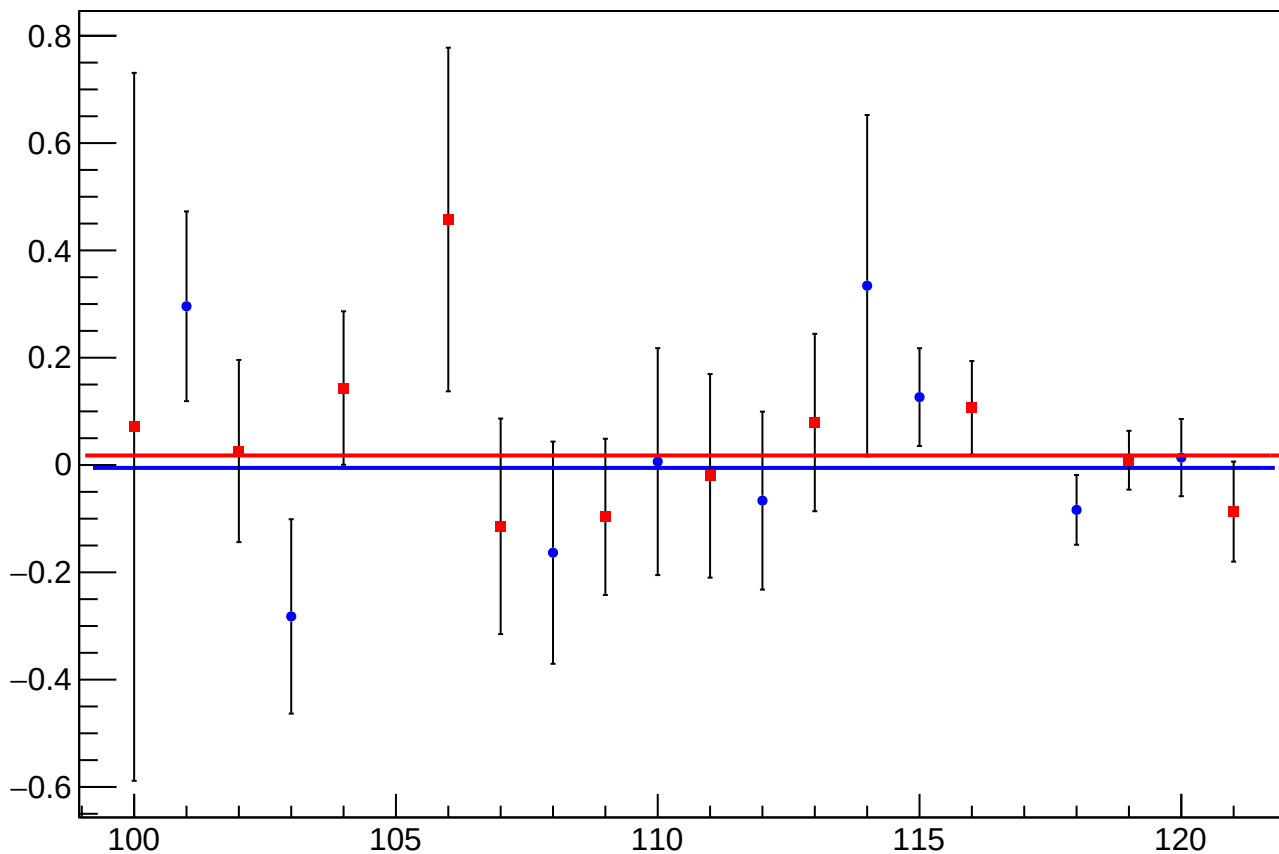
Right: 63.064+/-0.018 χ^2/NDF : 3690113.5/19

In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.064+/-0.018 χ^2/NDF : 3690113.5/19

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

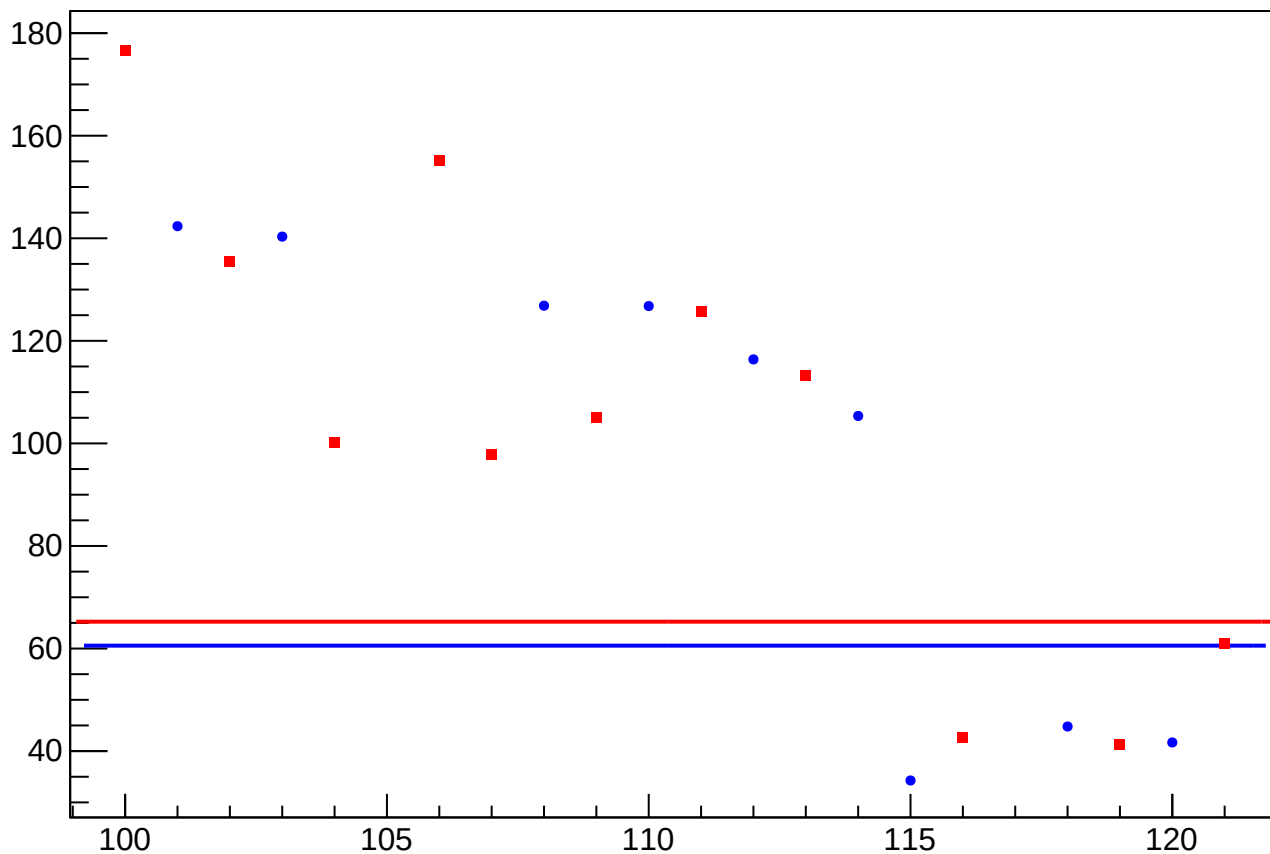
Right: 0.007+/-0.026 χ^2/NDF : 17.1/19

In: -0.005+/-0.038 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.026 χ^2/NDF : 17.1/19

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.238+/-0.025 χ^2/NDF : 1768990.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

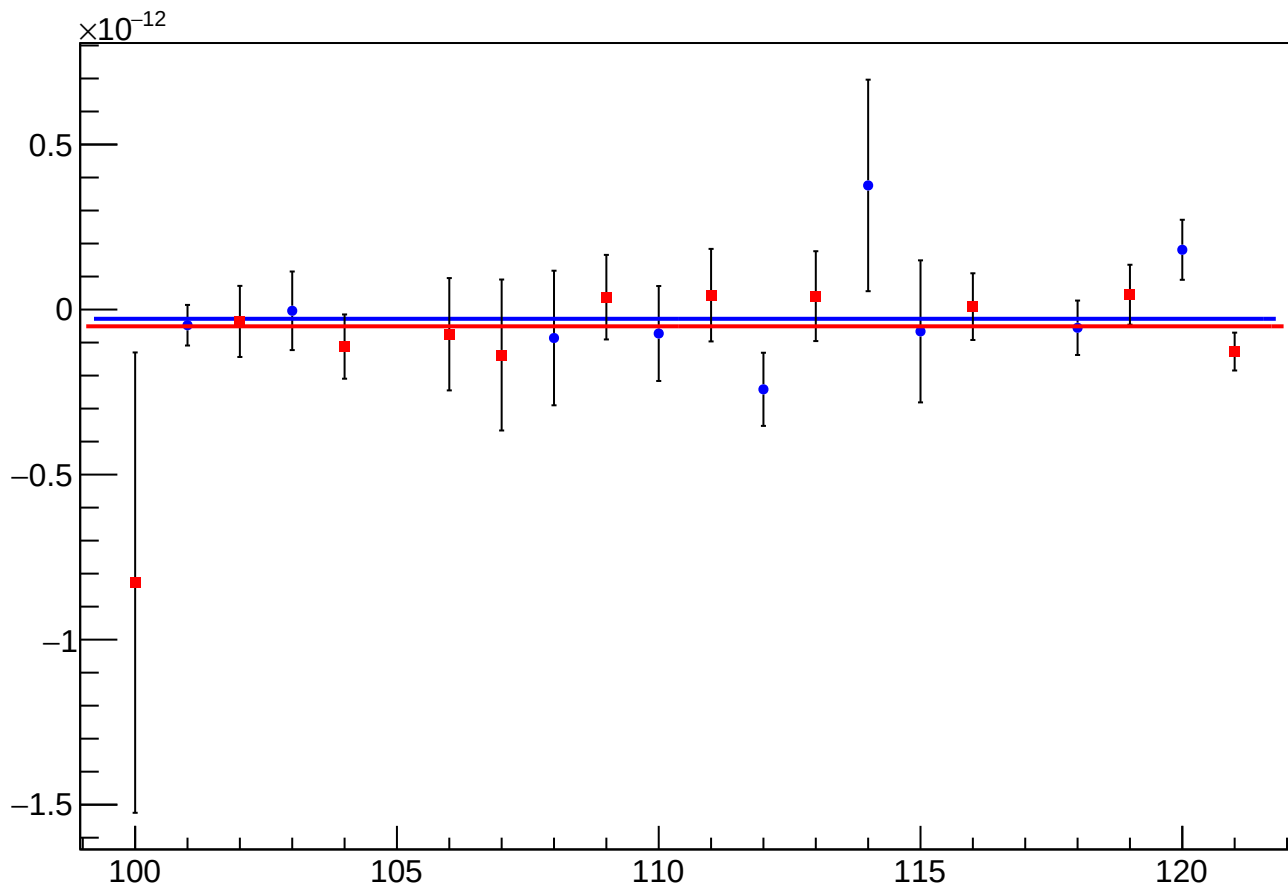
Right: 63.064+/-0.018 χ^2/NDF : 3690113.5/19

In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.064+/-0.018 χ^2/NDF : 3690113.5/19

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

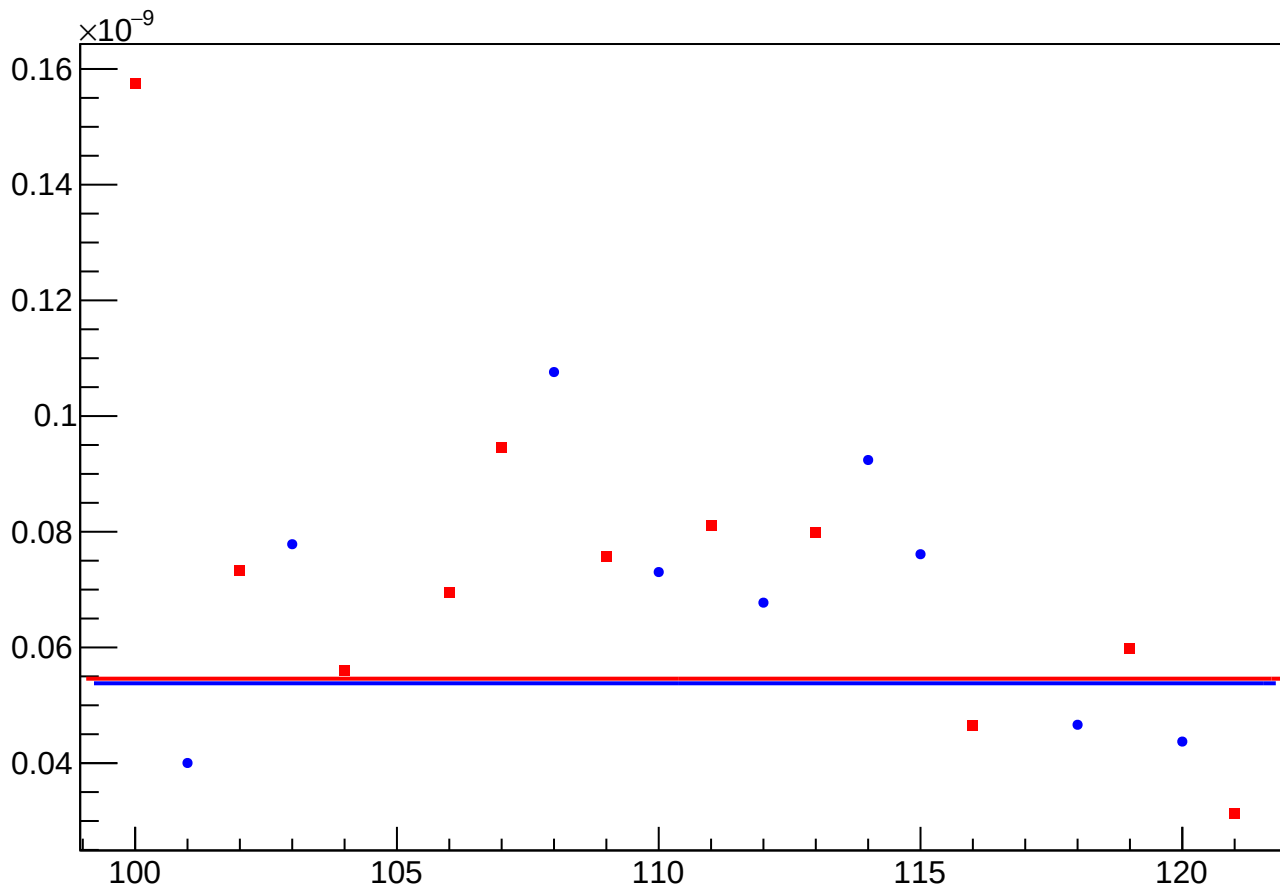
Right: -0.000+/-0.000 χ^2/NDF : 17.7/19

In: -0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/19

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 478867.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 725170.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

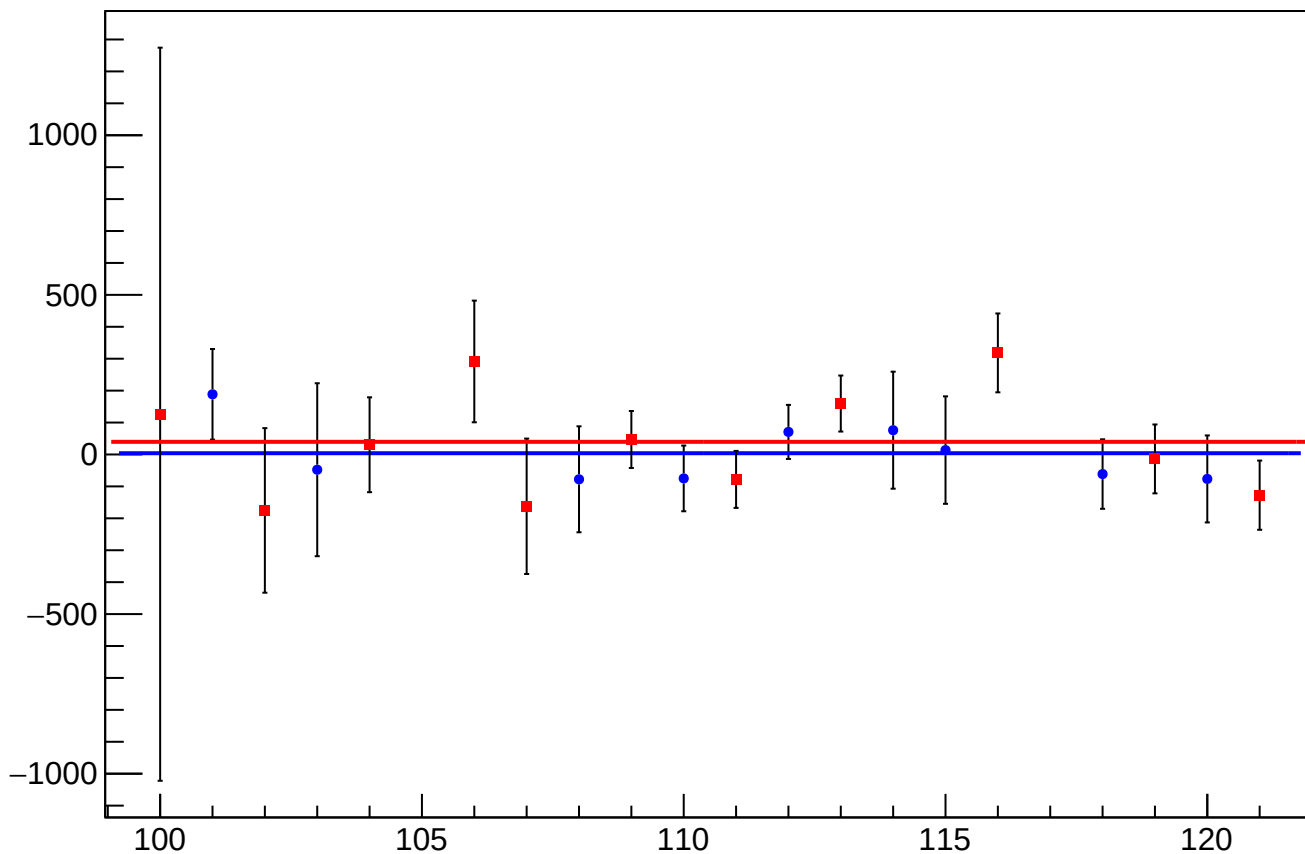
Right: 0.000+/-0.000 χ^2/NDF : 1204581.7/19

In: 0.000+/-0.000 χ^2/NDF : 478867.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1204581.7/19

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 3.932+/-43.168 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.631+/-37.049 χ^2/NDF : 14.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

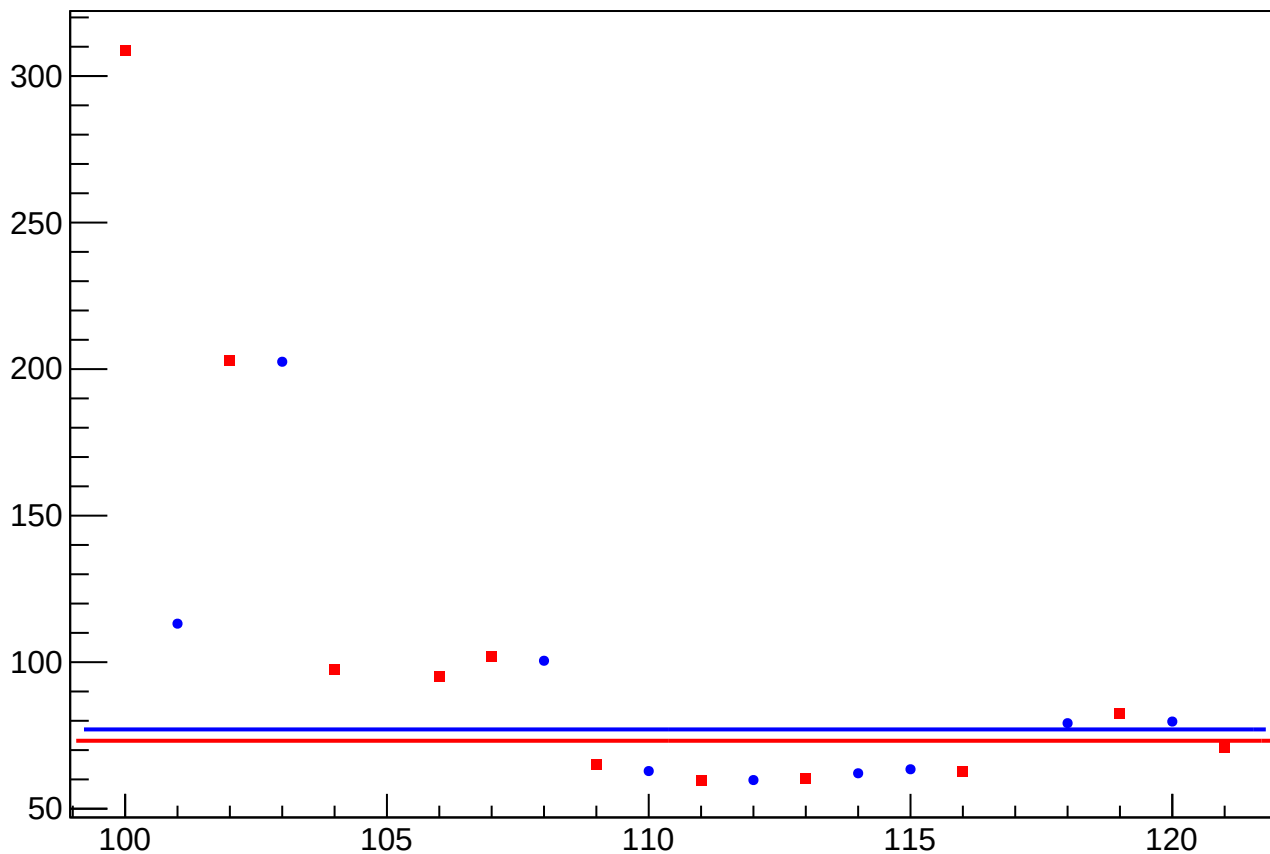
Right: 24.489+/-28.114 χ^2/NDF : 19.1/19

In: 3.932+/-43.168 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.489+/-28.114 χ^2/NDF : 19.1/19

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.058+/-0.031 χ^2/NDF : 747225.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.188+/-0.026 χ^2/NDF : 841386.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

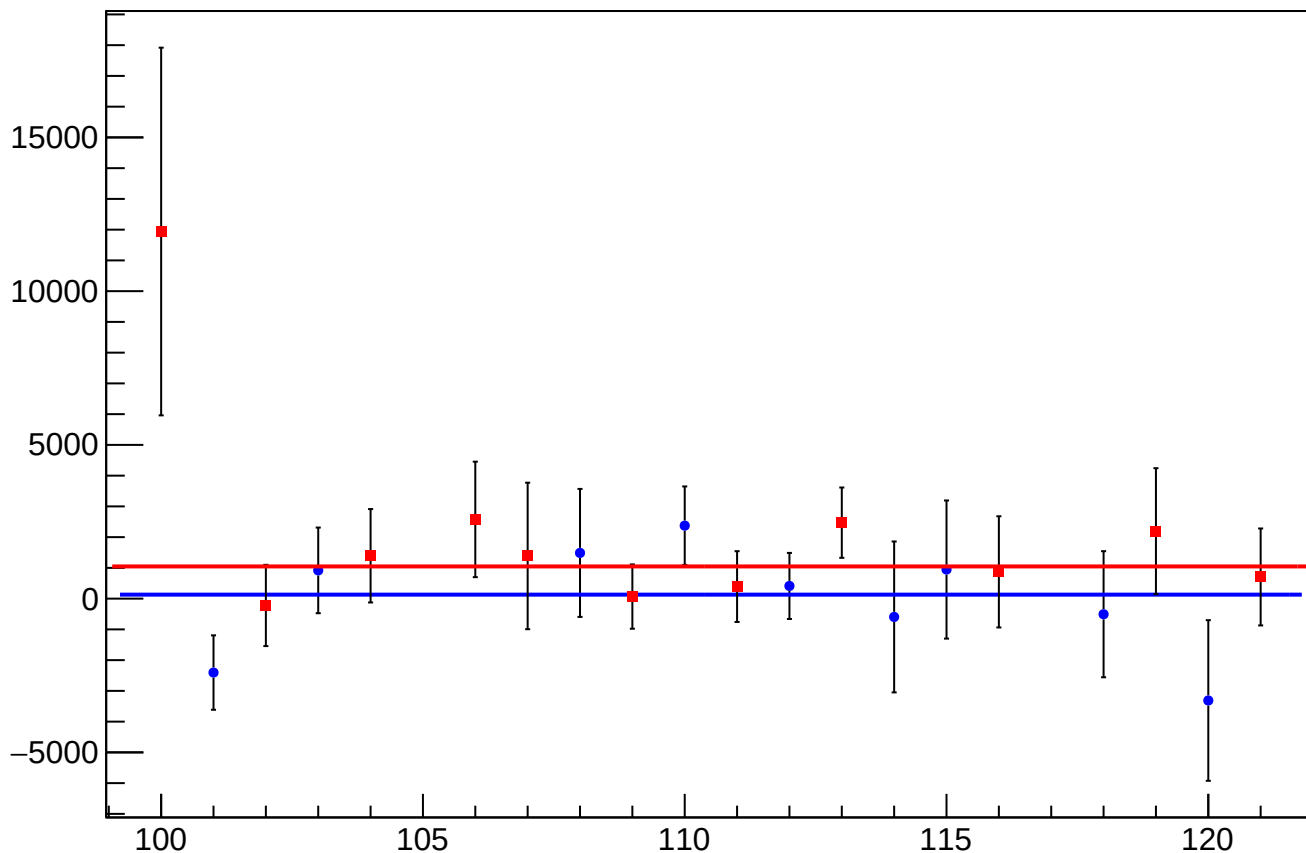
Right: 74.829+/-0.020 χ^2/NDF : 1597870.5/19

In: 77.058+/-0.031 χ^2/NDF : 747225.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.829+/-0.020 χ^2/NDF : 1597870.5/19

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 129.892 $\pm$ 522.788 χ^2 /NDF: 10.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1047.447 $\pm$ 452.959 χ^2 /NDF: 8.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

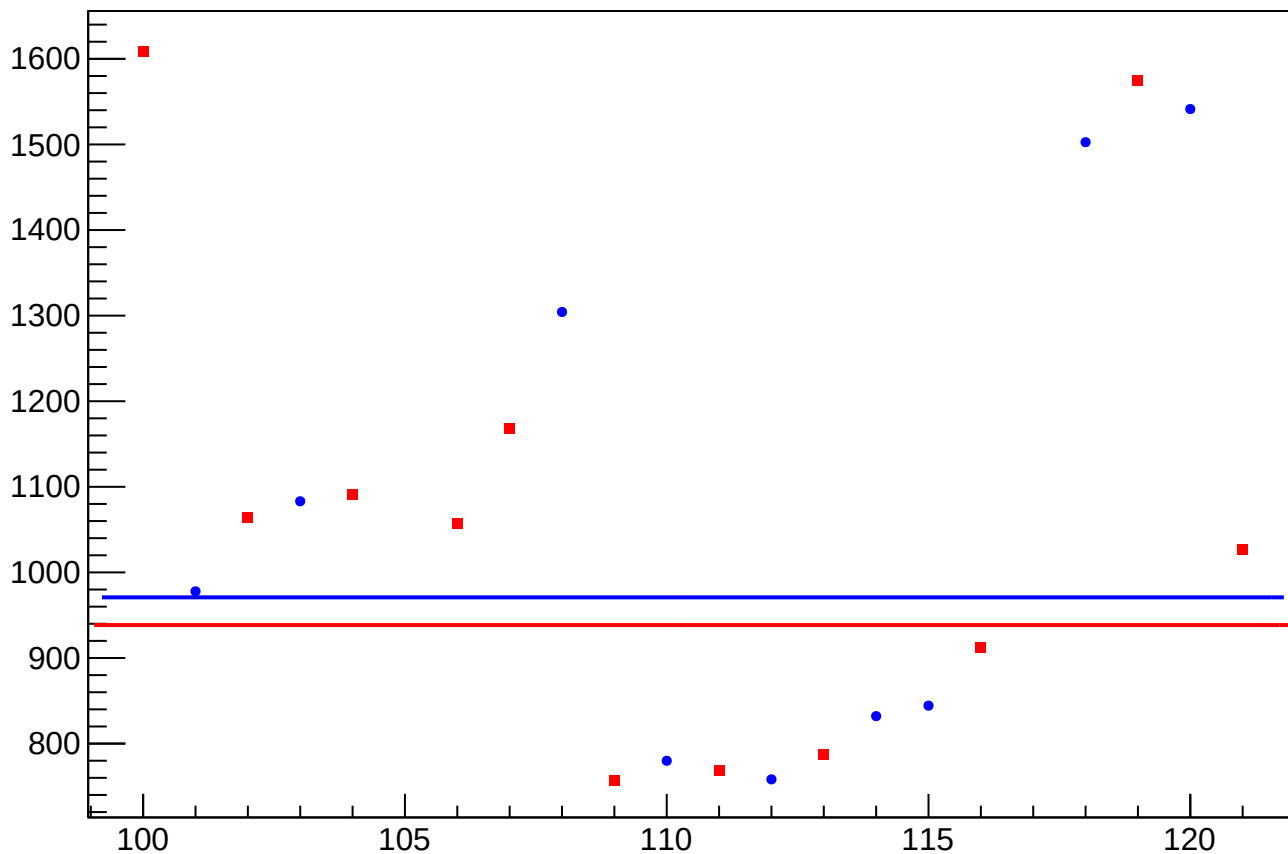
Right: 653.999 $\pm$ 342.336 χ^2 /NDF: 20.2/19

In: 129.892 $\pm$ 522.788 χ^2 /NDF:10.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 653.999 $\pm$ 342.336 χ^2 /NDF: 20.2/19

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 970.864 $\pm$ 0.370 χ^2 /NDF: 430238.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 938.496 $\pm$ 0.320 χ^2 /NDF: 428169.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

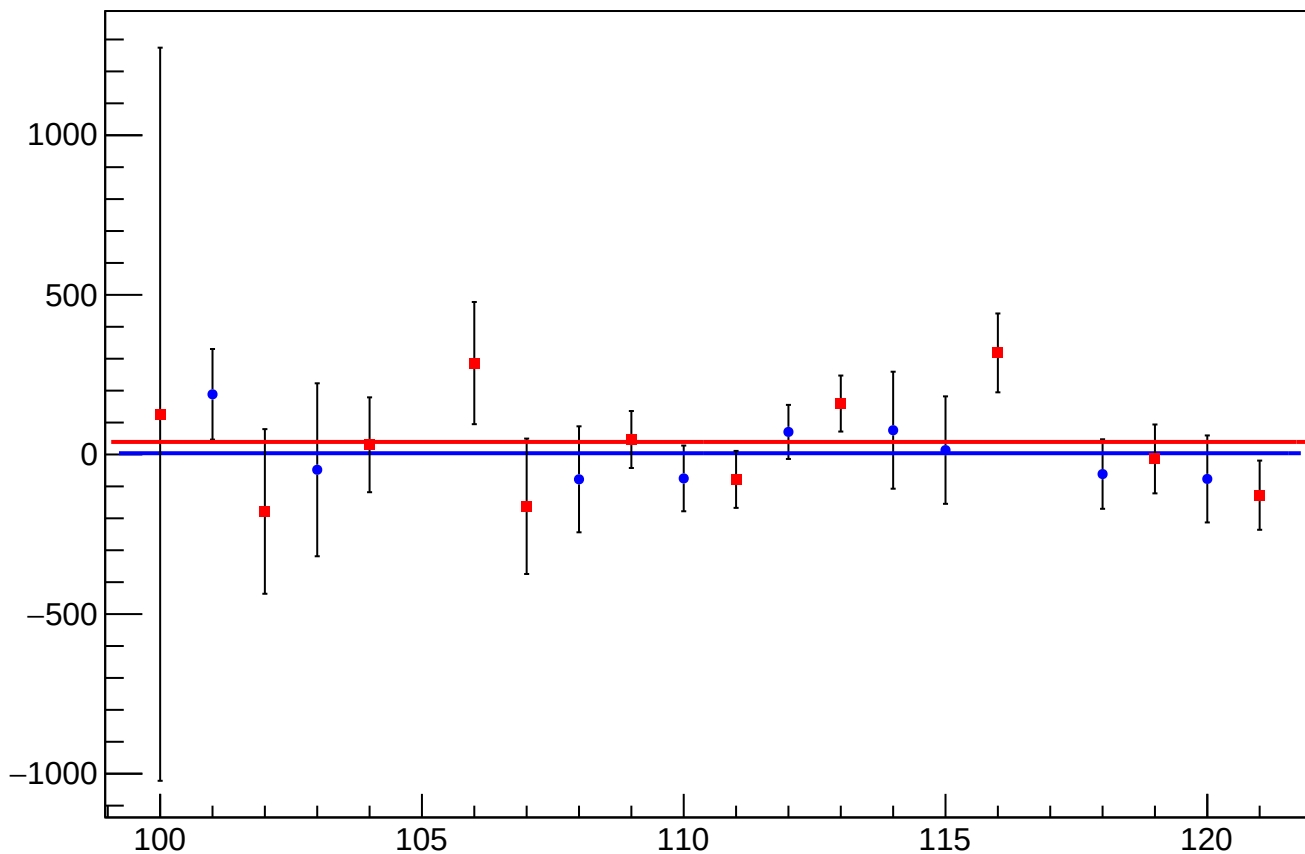
Right: 952.375 $\pm$ 0.242 χ^2 /NDF: 862787.2/19

In: 970.864 $\pm$ 0.370 χ^2 /NDF:430238.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 952.375 $\pm$ 0.242 χ^2 /NDF: 862787.2/19

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.289+/-37.055 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

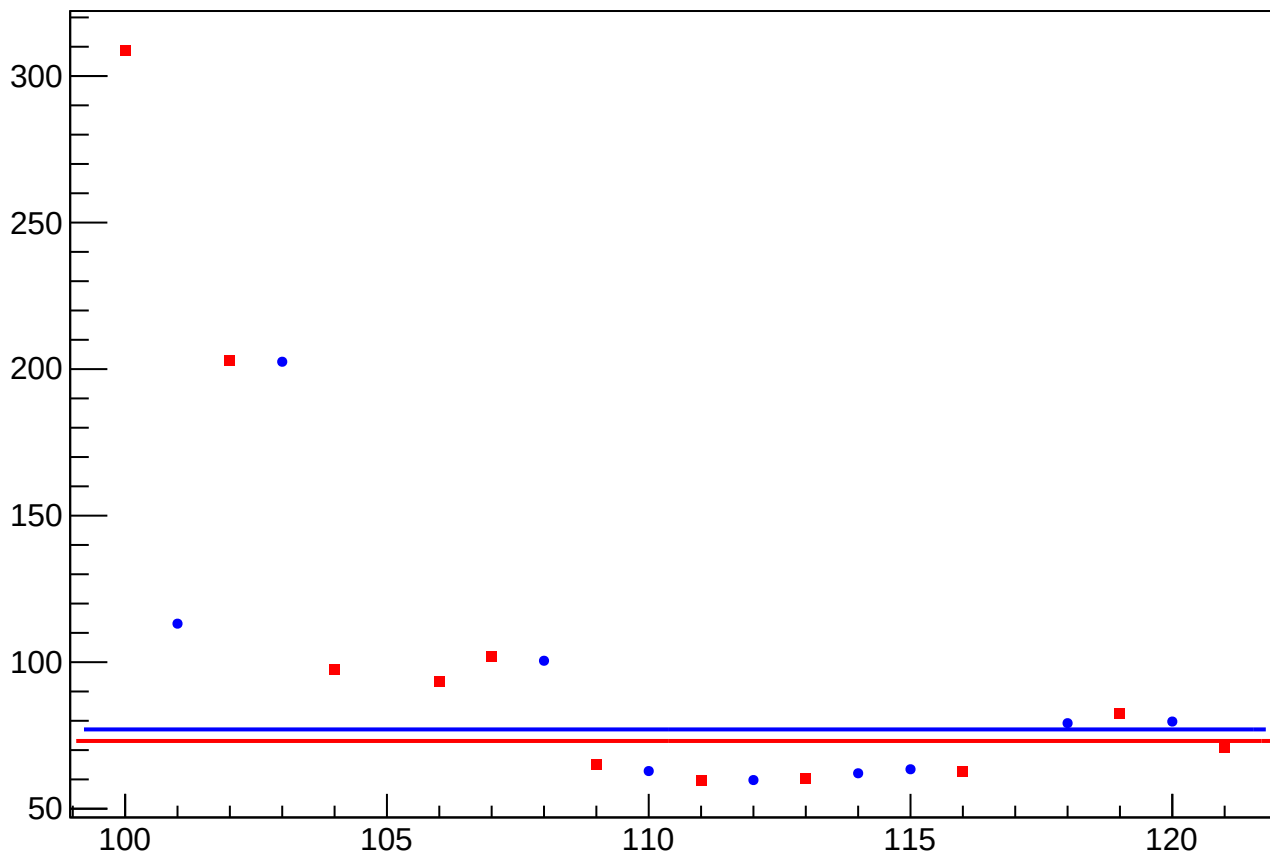
Right: 24.282+/-28.117 χ^2/NDF : 19.0/19

In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.282+/-28.117 χ^2/NDF : 19.0/19

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.116+/-0.026 χ^2/NDF : 837468.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

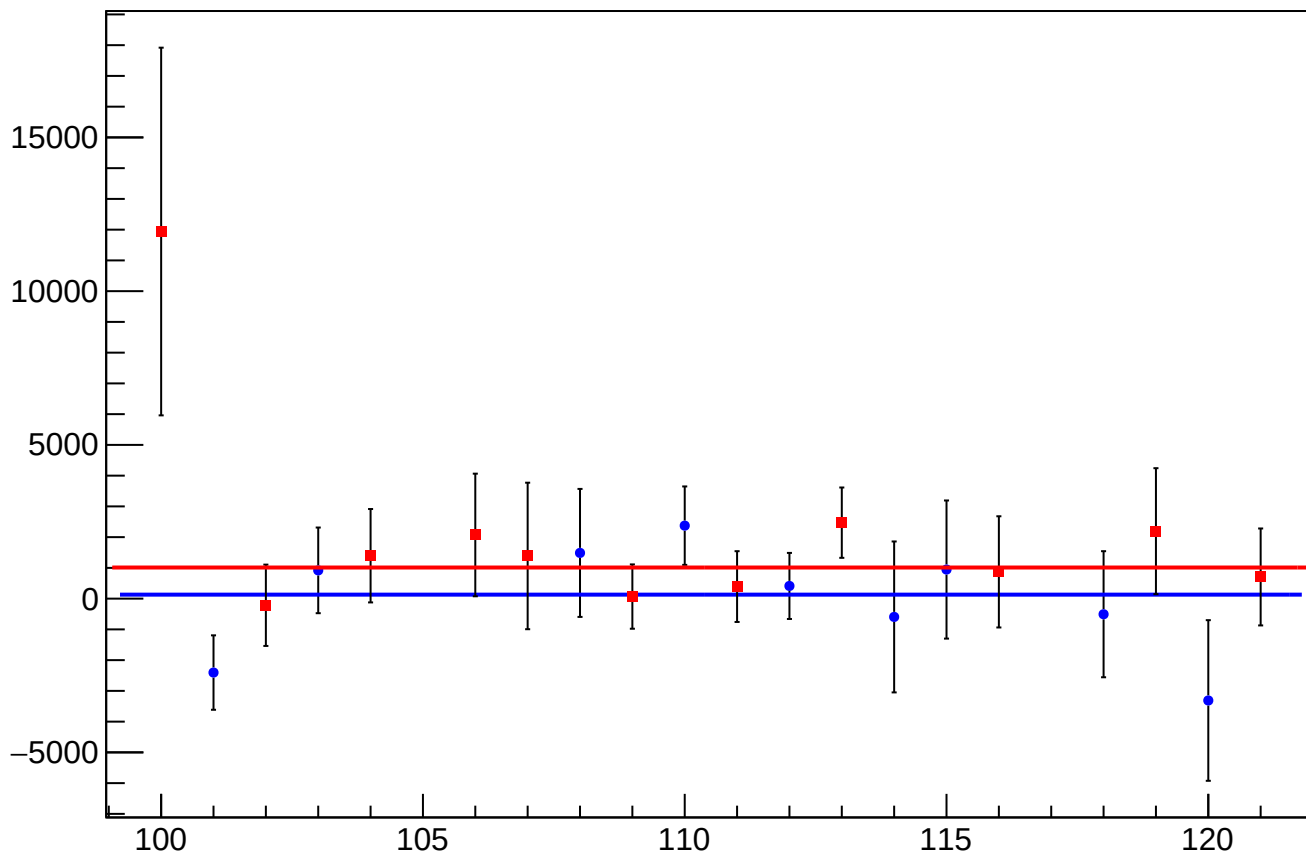
Right: 74.789+/-0.020 χ^2/NDF : 1594296.8/19

In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.789+/-0.020 χ^2/NDF : 1594296.8/19

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.123+/-454.499 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

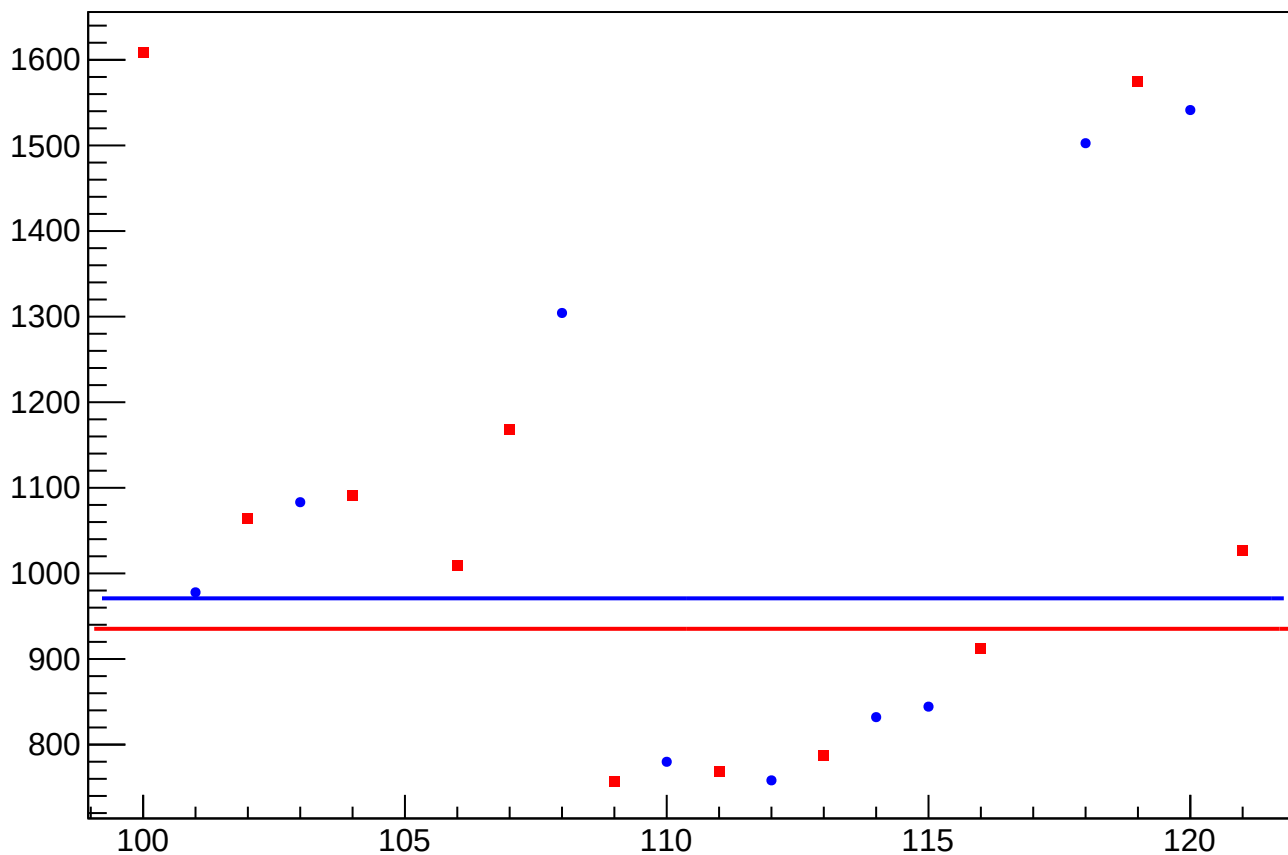
Right: 632.376+/-343.002 χ^2/NDF : 19.7/19

In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.376+/-343.002 χ^2/NDF : 19.7/19

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.275+/-0.321 χ^2/NDF : 422766.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

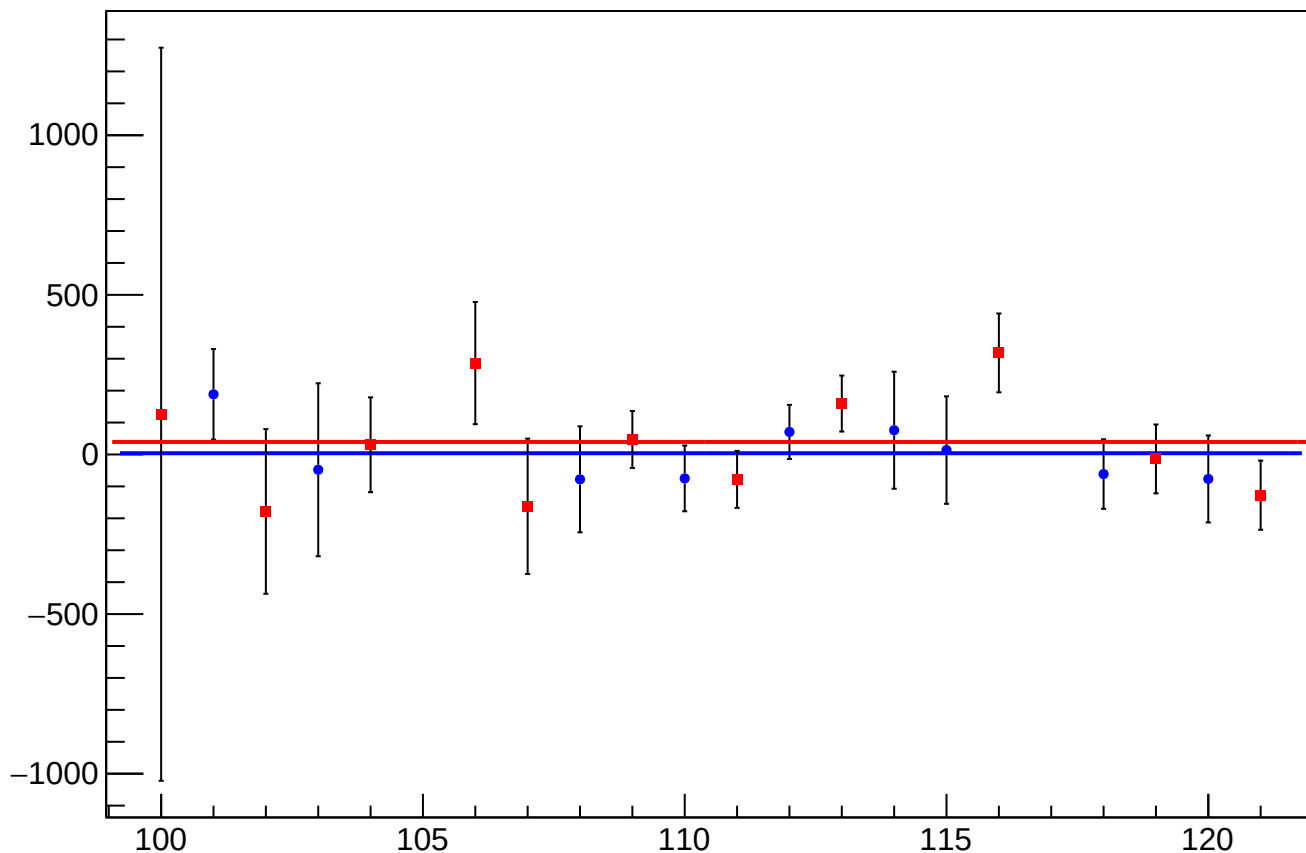
Right: 950.599+/-0.243 χ^2/NDF : 858311.3/19

In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.599+/-0.243 χ^2/NDF : 858311.3/19

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.289+/-37.055 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

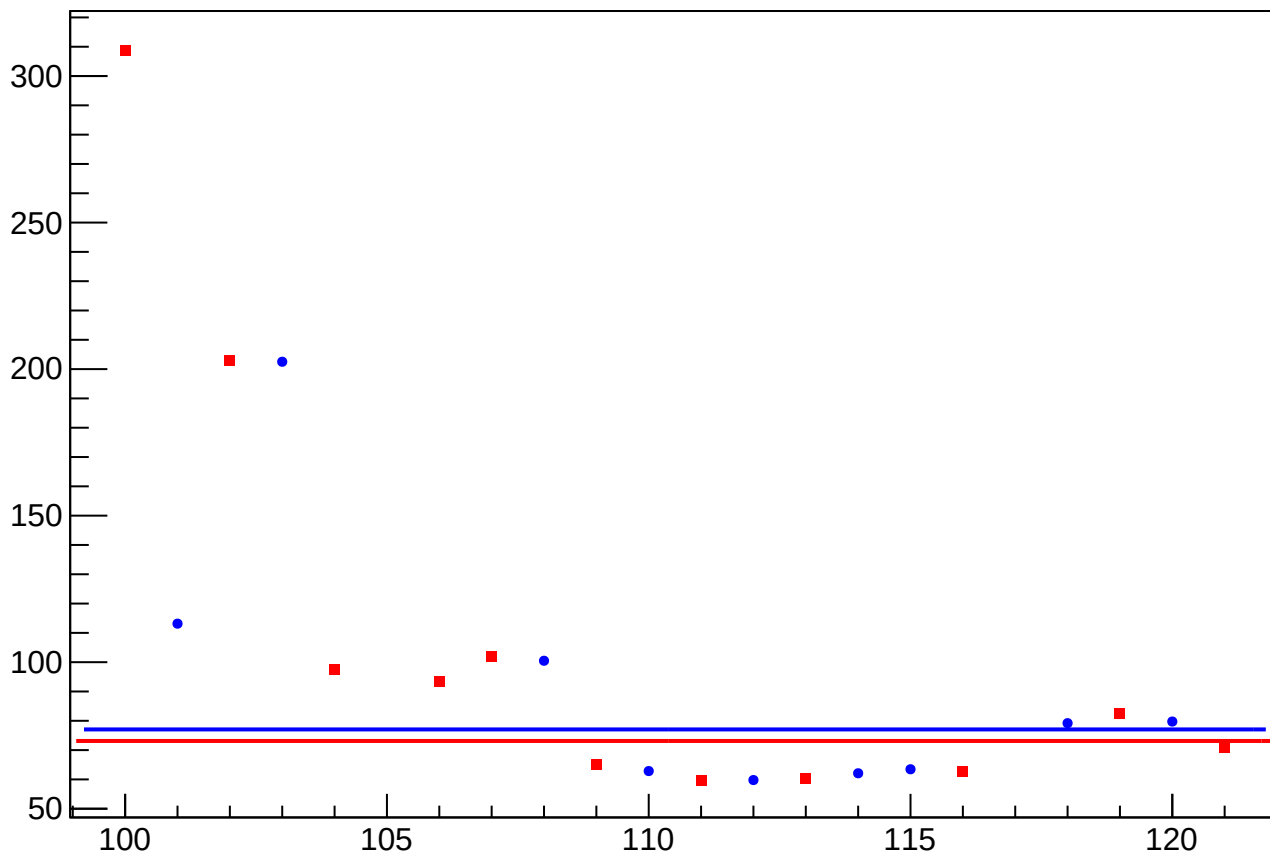
Right: 24.282+/-28.117 χ^2/NDF : 19.0/19

In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.282+/-28.117 χ^2/NDF : 19.0/19

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.116+/-0.026 χ^2/NDF : 837468.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

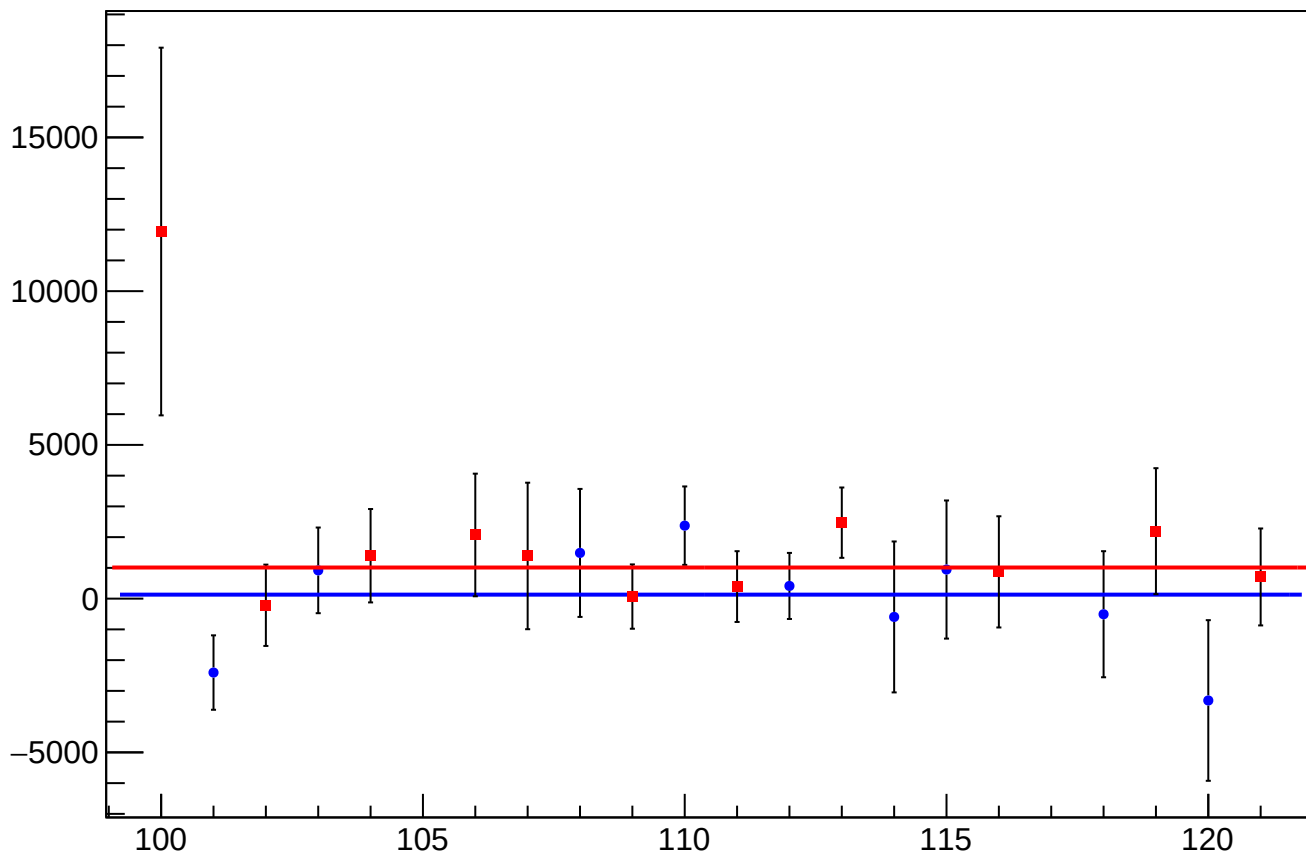
Right: 74.789+/-0.020 χ^2/NDF : 1594296.8/19

In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.789+/-0.020 χ^2/NDF : 1594296.8/19

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.123+/-454.499 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

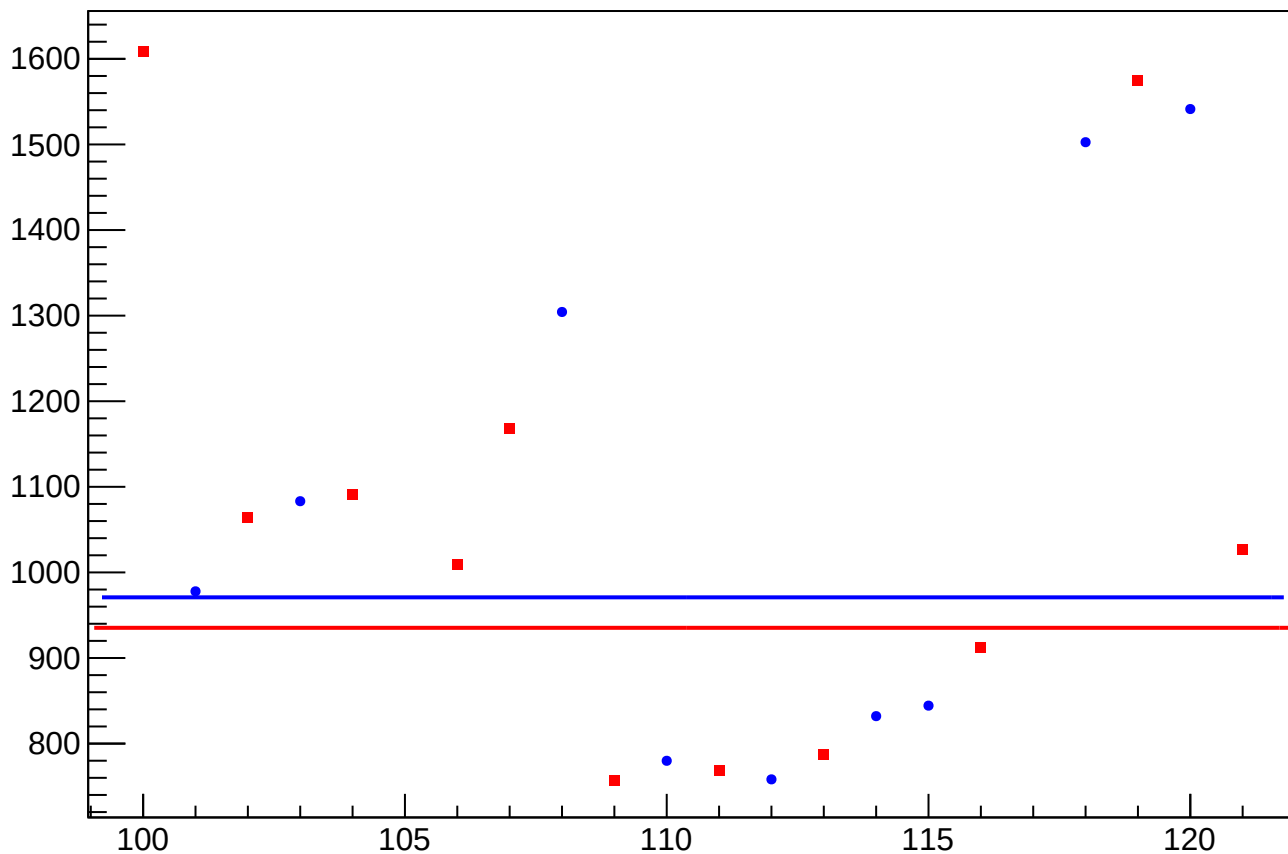
Right: 632.376+/-343.002 χ^2/NDF : 19.7/19

In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.376+/-343.002 χ^2/NDF : 19.7/19

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.275+/-0.321 χ^2/NDF : 422766.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

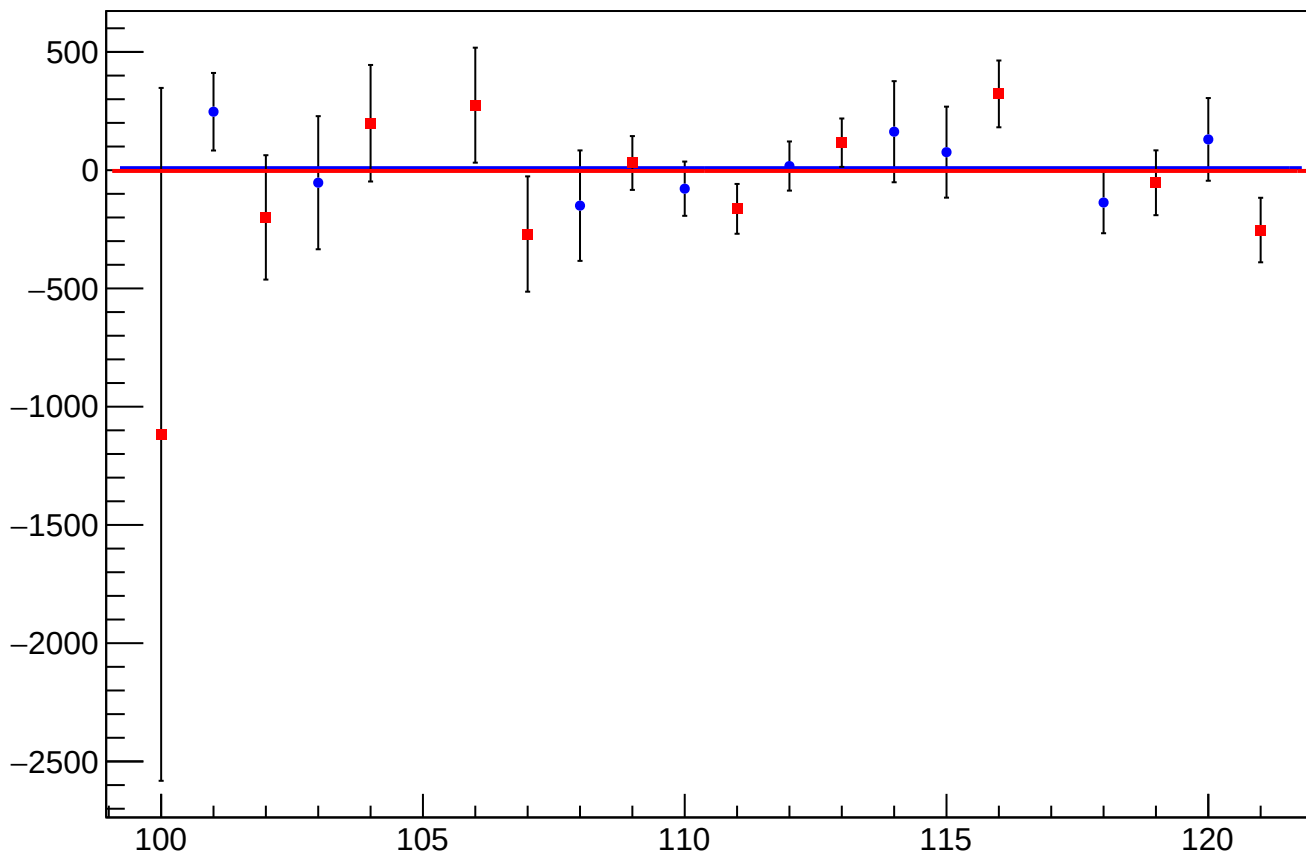
Right: 950.599+/-0.243 χ^2/NDF : 858311.3/19

In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.599+/-0.243 χ^2/NDF : 858311.3/19

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 8.545+/-51.463 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.217+/-45.401 χ^2/NDF : 16.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

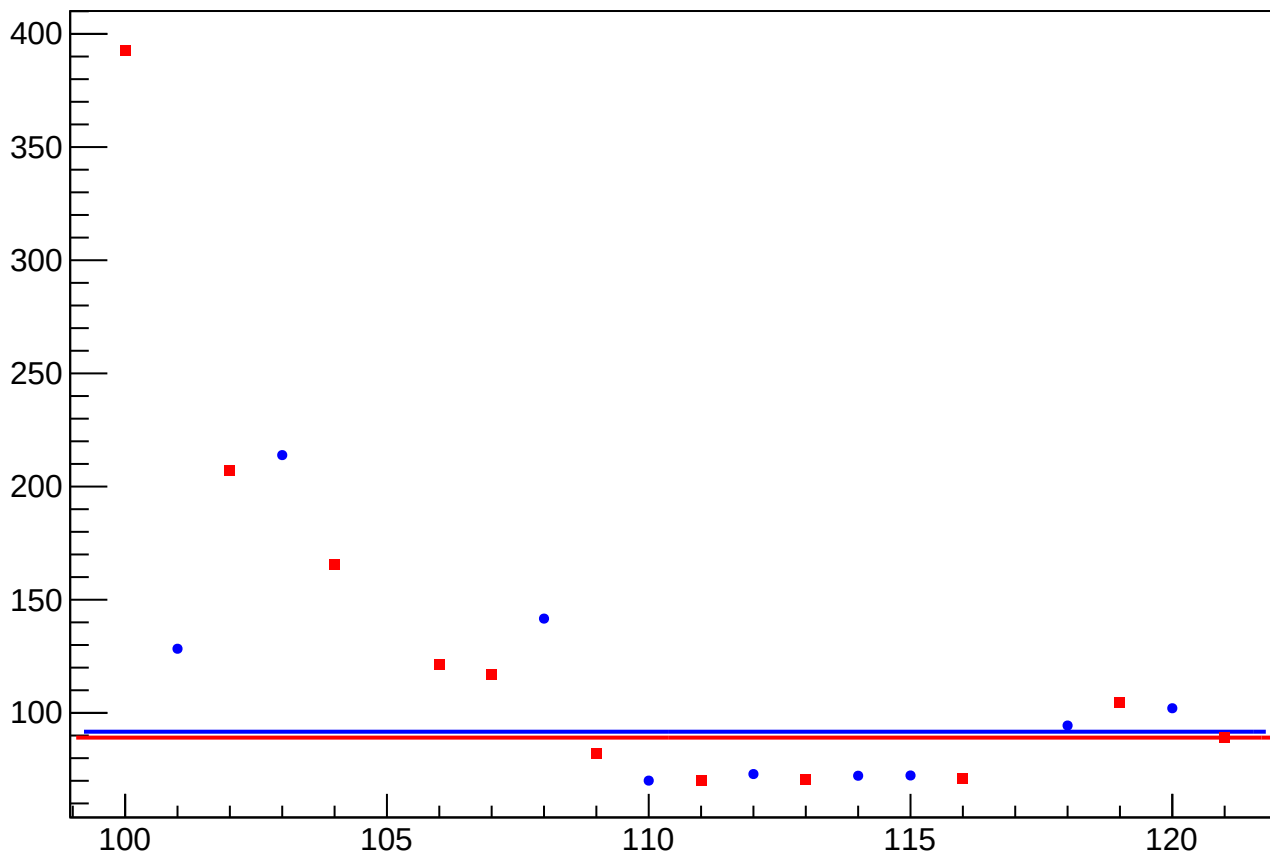
Right: 1.931+/-34.046 χ^2/NDF : 22.5/19

In: 8.545+/-51.463 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.931+/-34.046 χ^2/NDF : 22.5/19

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 91.693+/-0.036 χ^2/NDF : 749144.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.083+/-0.032 χ^2/NDF : 941008.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

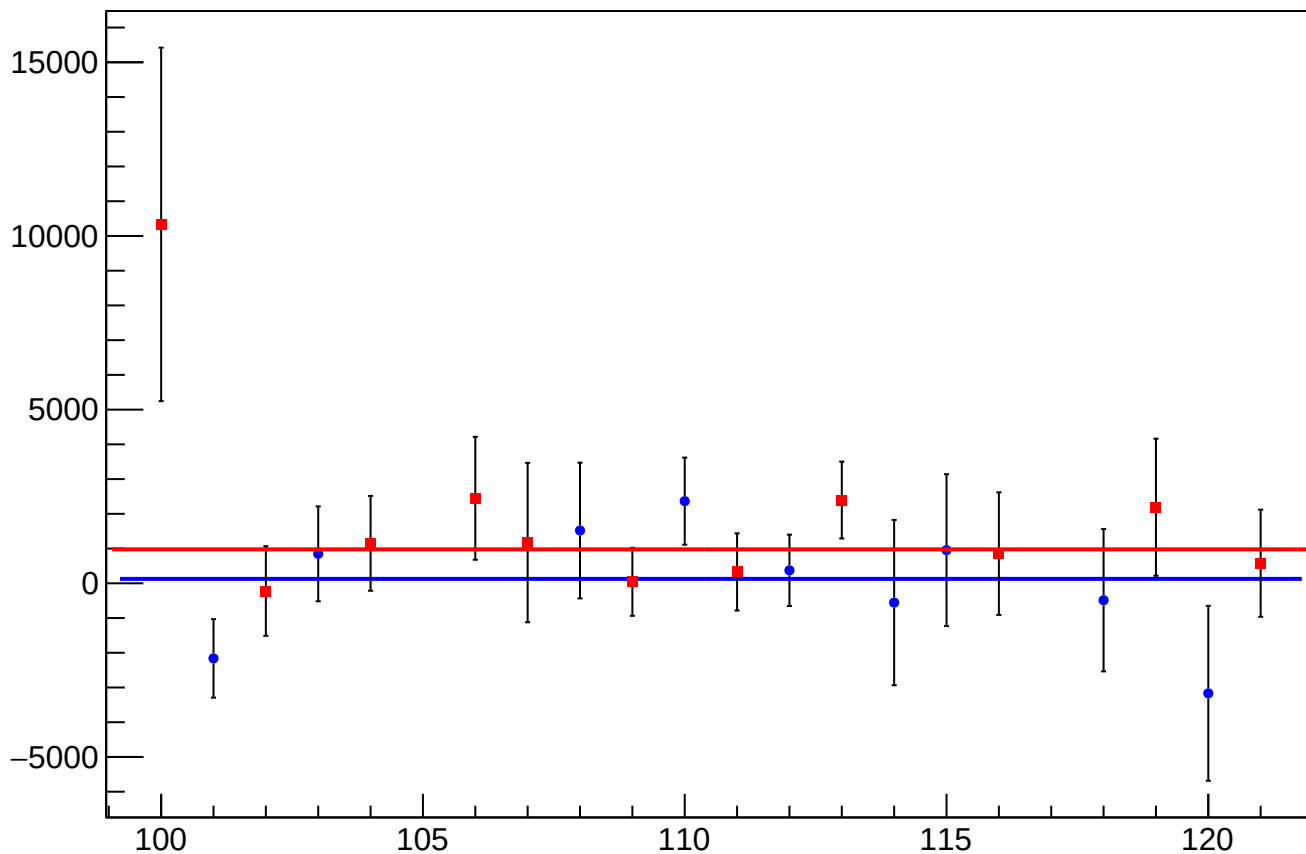
Right: 90.225+/-0.024 χ^2/NDF : 1693044.8/19

In: 91.693+/-0.036 χ^2/NDF : 749144.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.225+/-0.024 χ^2/NDF : 1693044.8/19

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 127.318+/-503.393 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.331+/-432.151 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

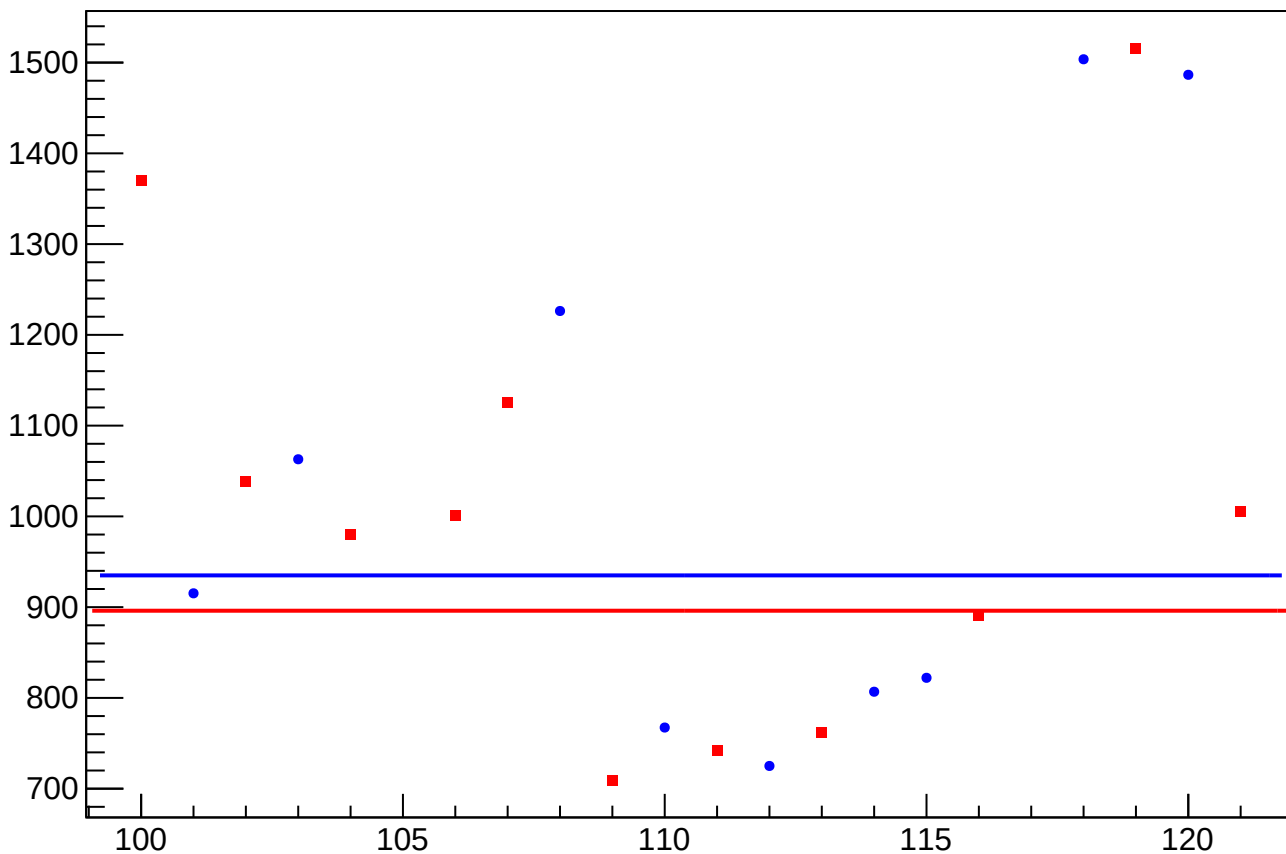
Right: 616.680+/-327.897 χ^2/NDF : 20.1/19

In: 127.318+/-503.393 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.680+/-327.897 χ^2/NDF : 20.1/19

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 934.988+/-0.356 χ^2/NDF : 443095.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.066+/-0.306 χ^2/NDF : 424112.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

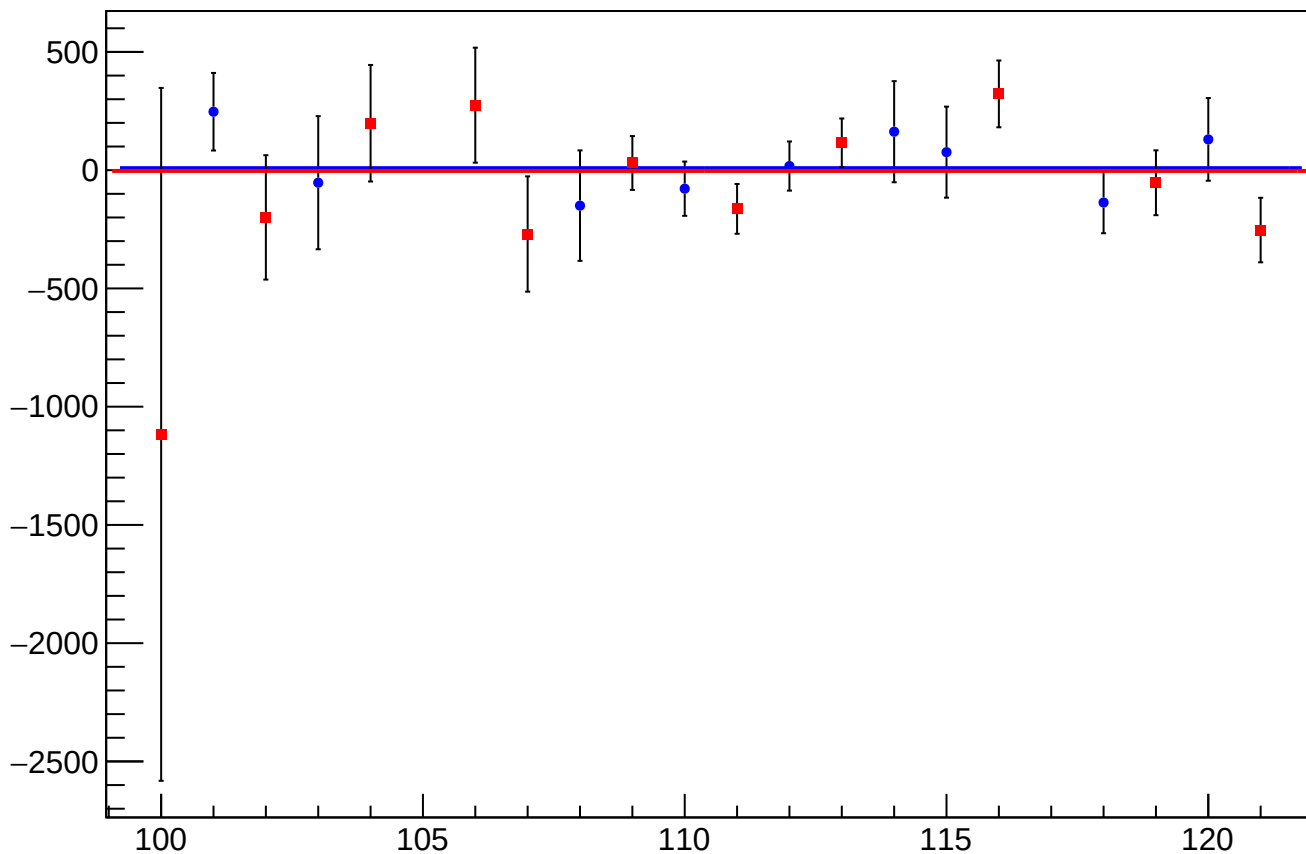
Right: 912.580+/-0.232 χ^2/NDF : 874091.9/19

In: 934.988+/-0.356 χ^2/NDF : 443095.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.580+/-0.232 χ^2/NDF : 874091.9/19

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 8.543+/-51.463 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.219+/-45.401 χ^2/NDF : 16.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

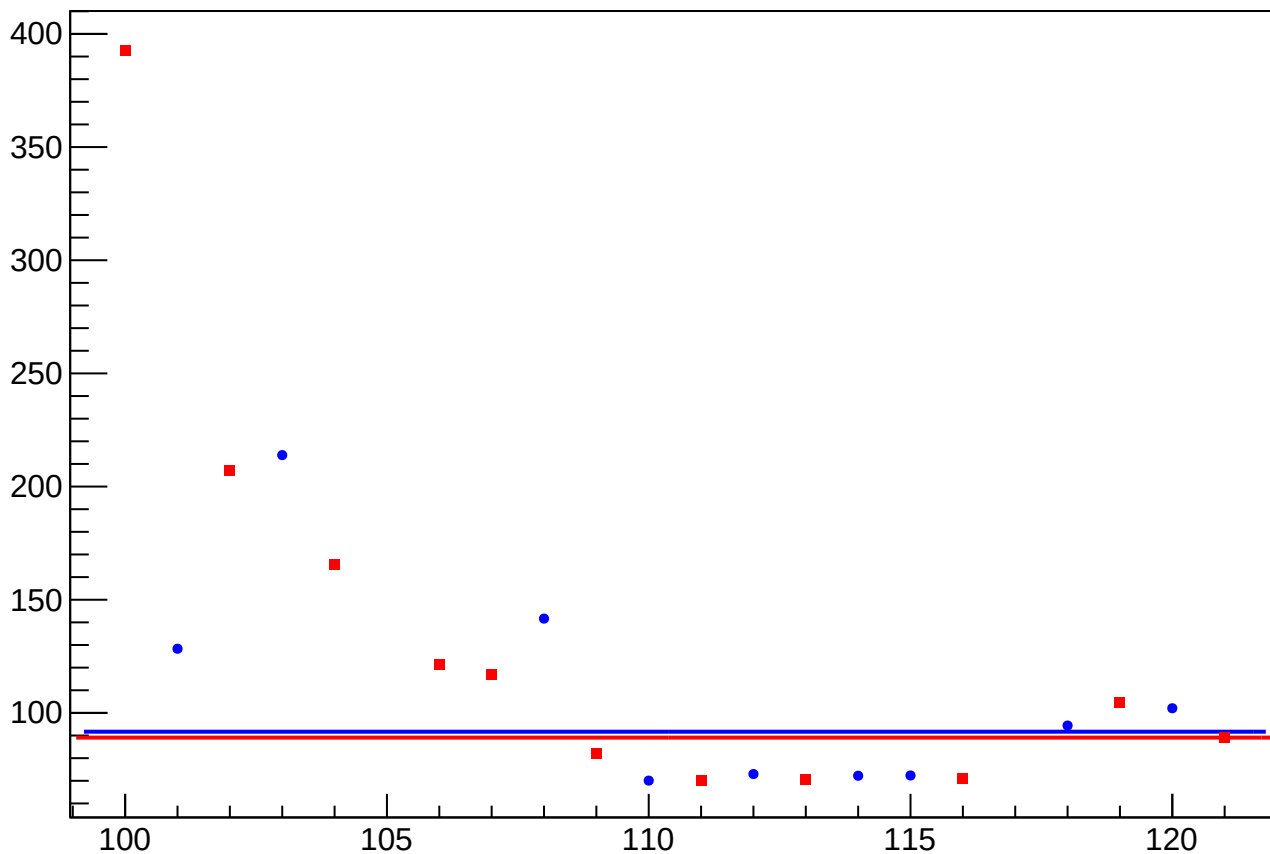
Right: 1.929+/-34.046 χ^2/NDF : 22.5/19

In: 8.543+/-51.463 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.929+/-34.046 χ^2/NDF : 22.5/19

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 91.693+/-0.036 χ^2/NDF : 749133.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.084+/-0.032 χ^2/NDF : 940999.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

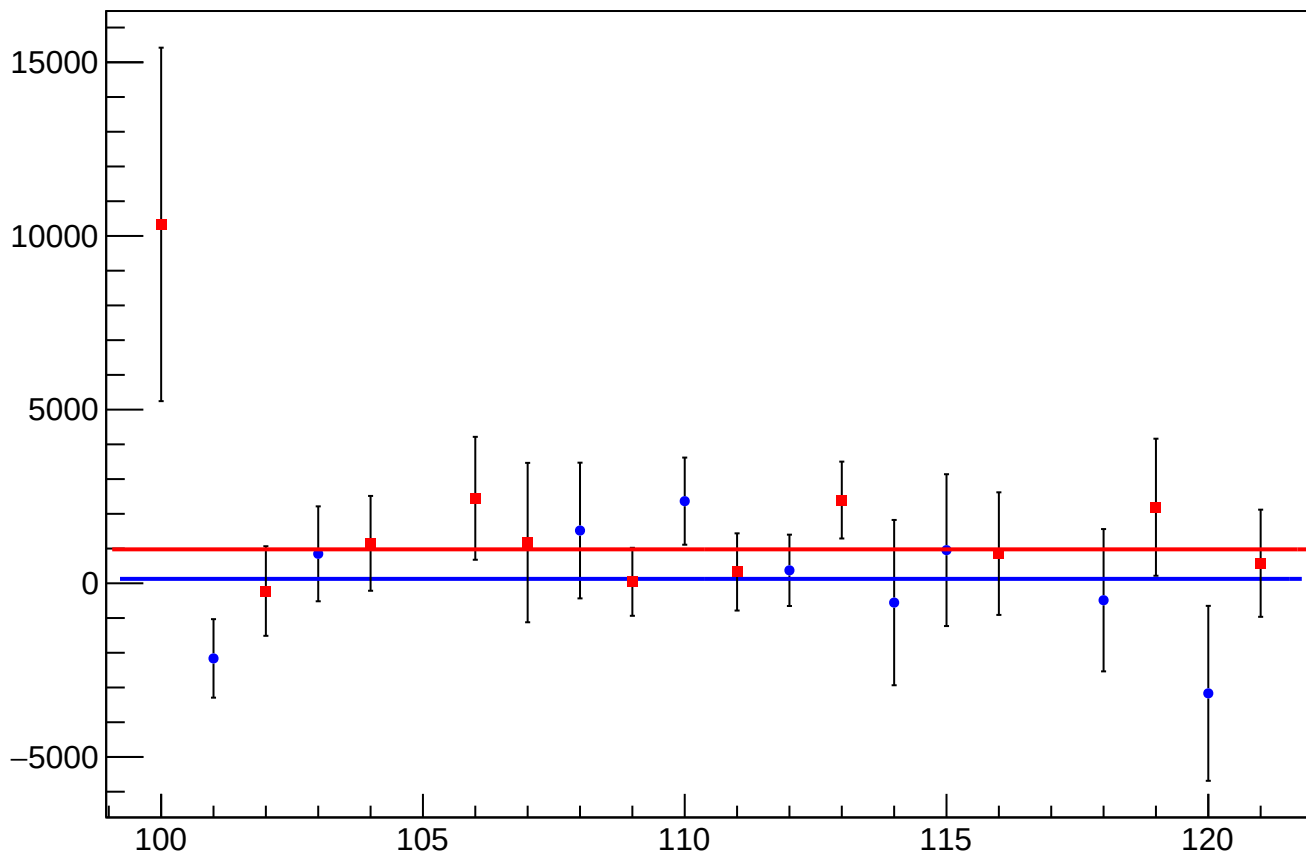
Right: 90.226+/-0.024 χ^2/NDF : 1693024.3/19

In: 91.693+/-0.036 χ^2/NDF : 749133.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.226+/-0.024 χ^2/NDF : 1693024.3/19

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 127.318+/-503.392 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.328+/-432.150 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

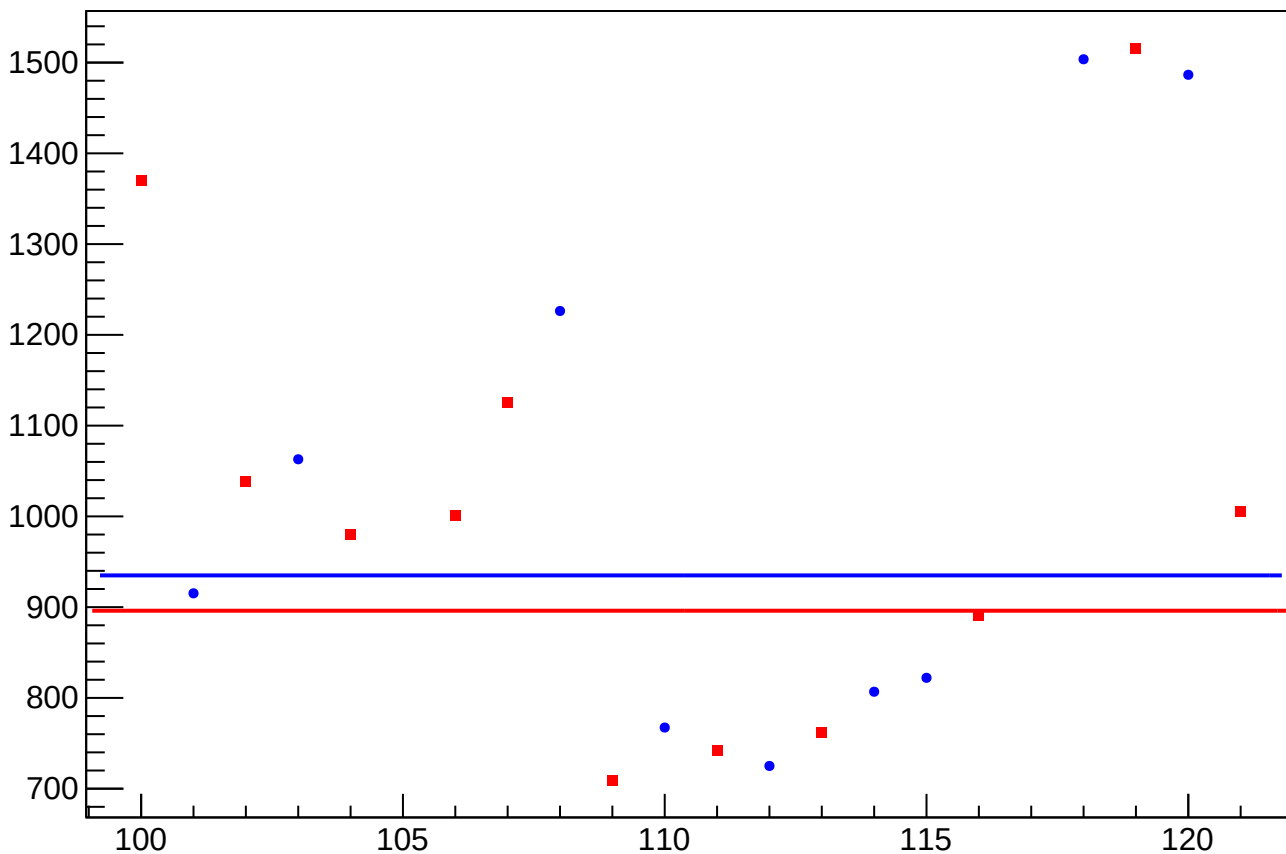
Right: 616.679+/-327.897 χ^2/NDF : 20.1/19

In: 127.318+/-503.392 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.679+/-327.897 χ^2/NDF : 20.1/19

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 934.985+/-0.356 χ^2/NDF : 443099.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.064+/-0.306 χ^2/NDF : 424113.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

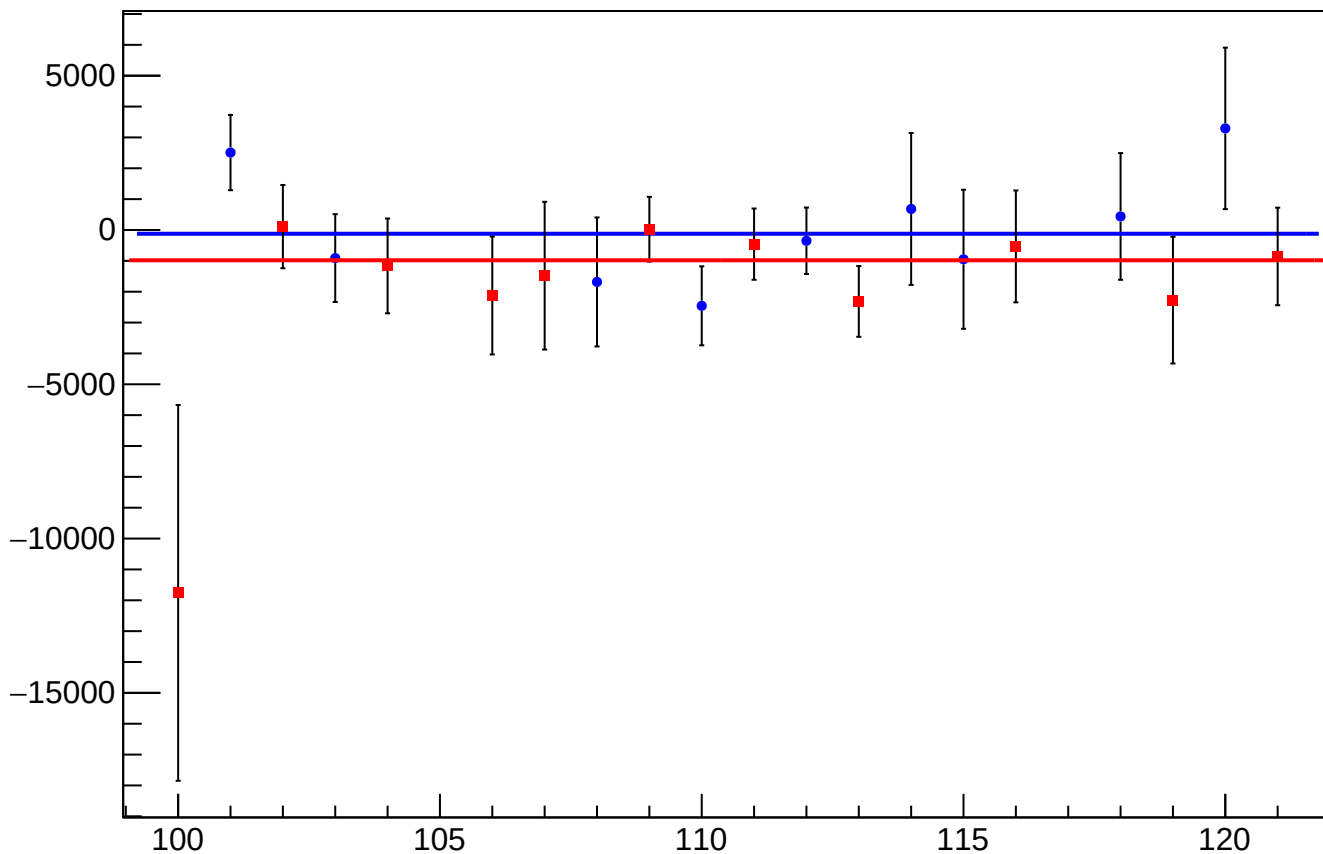
Right: 912.578+/-0.232 χ^2/NDF : 874095.3/19

In: 934.985+/-0.356 χ^2/NDF : 443099.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.578+/-0.232 χ^2/NDF : 874095.3/19

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -121.717 $\pm$ 526.195 χ^2 /NDF: 10.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -980.814 $\pm$ 456.000 χ^2 /NDF: 7.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

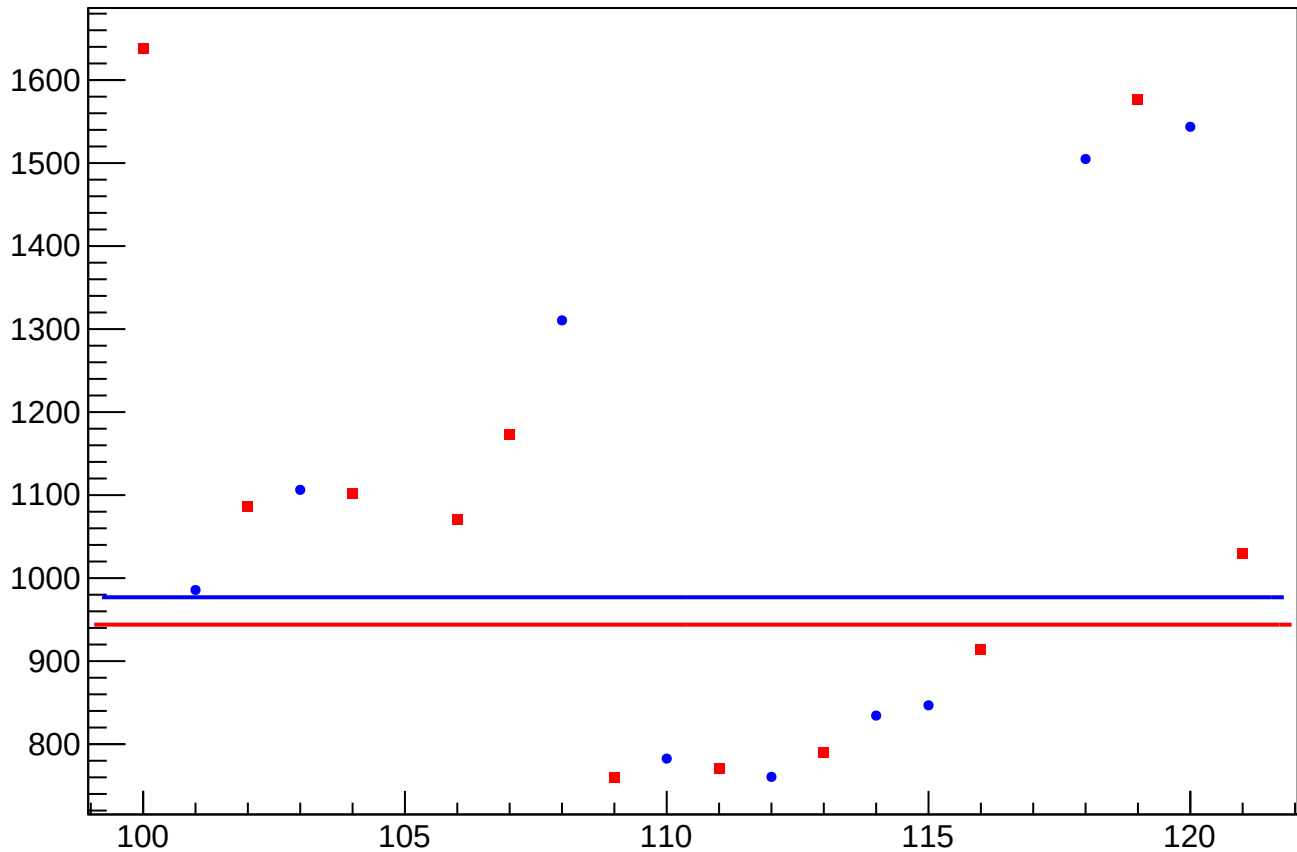
Right: -612.351 $\pm$ 344.606 χ^2 /NDF: 19.6/19

In: -121.717 $\pm$ 526.195 χ^2 /NDF:10.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -612.351 $\pm$ 344.606 χ^2 /NDF: 19.6/19

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 976.934+/-0.372 χ^2/NDF : 433731.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.956+/-0.322 χ^2/NDF : 435933.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

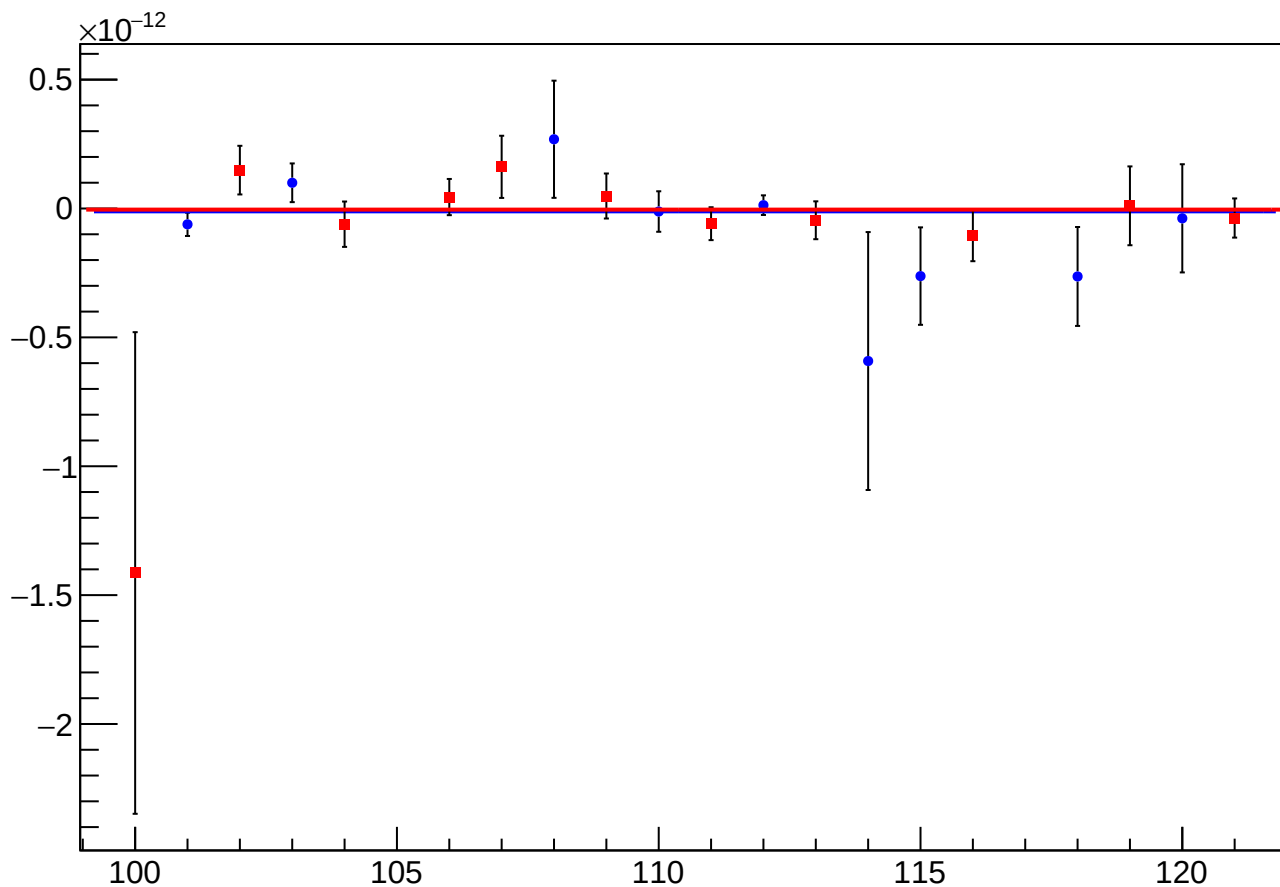
Right: 958.100+/-0.244 χ^2/NDF : 874150.5/19

In: 976.934+/-0.372 χ^2/NDF : 433731.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.100+/-0.244 χ^2/NDF : 874150.5/19

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

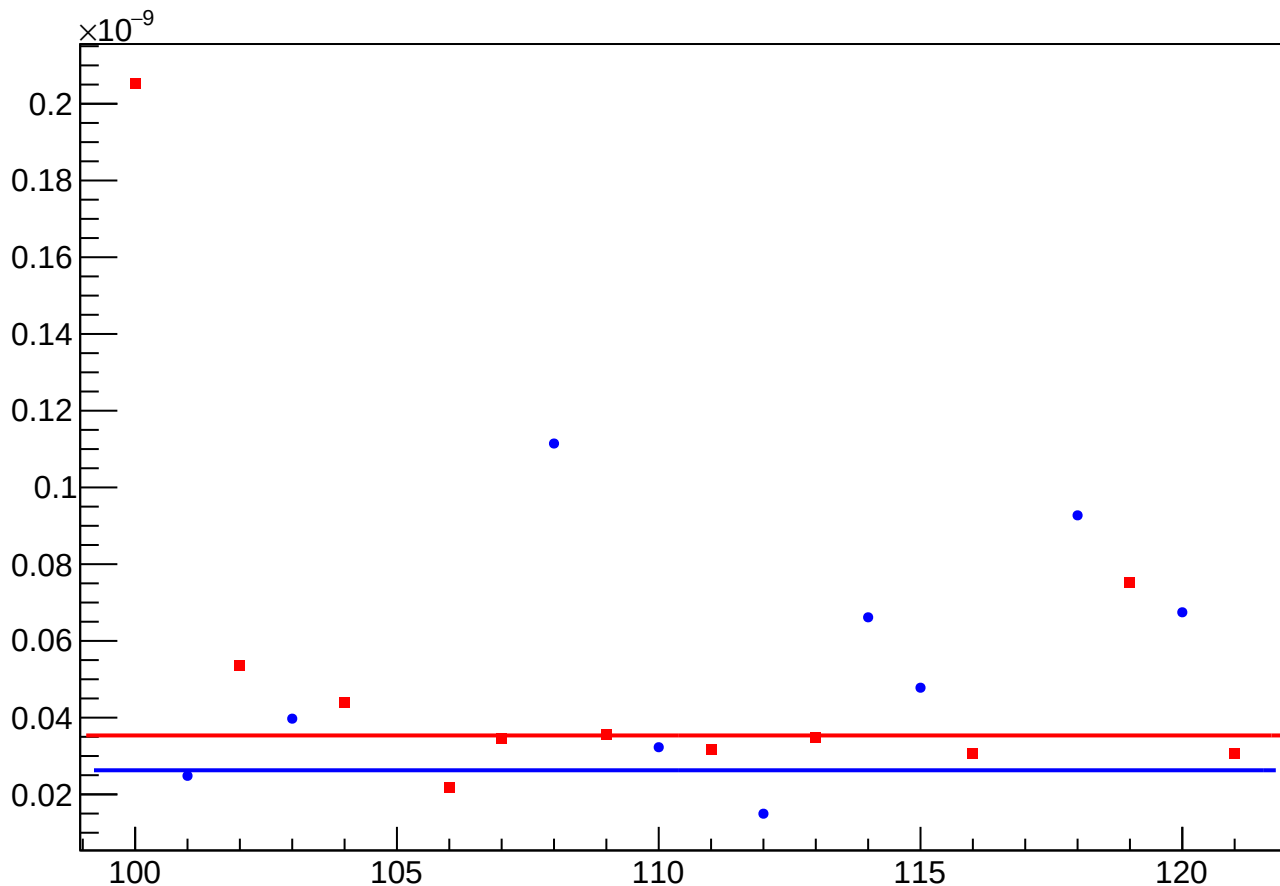
Right: -0.000+/-0.000 χ^2/NDF : 20.6/19

In: -0.000+/-0.000 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/19

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 890545.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 389461.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

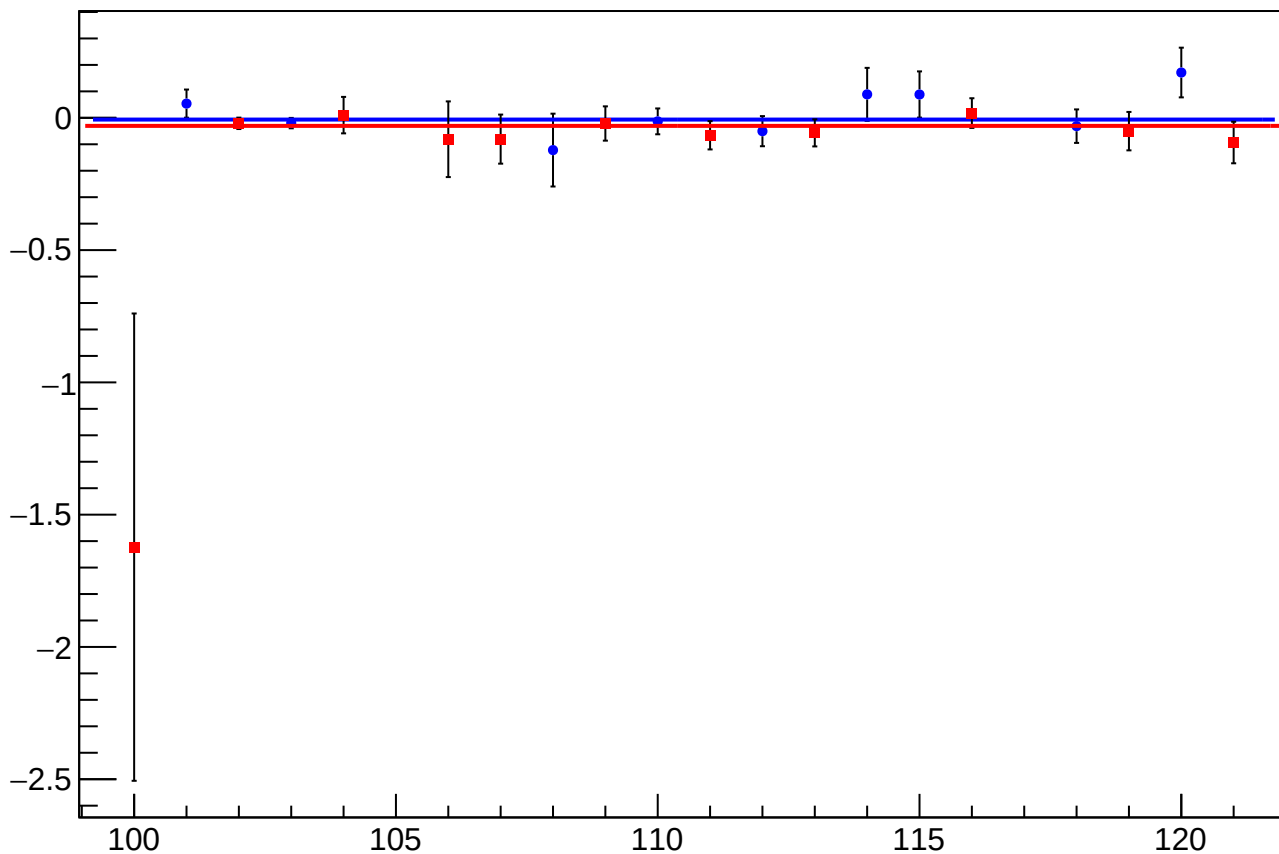
Right: 0.000+/-0.000 χ^2/NDF : 1403468.7/19

In: 0.000+/-0.000 χ^2/NDF : 890545.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1403468.7/19

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 8.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.015 χ^2/NDF : 6.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

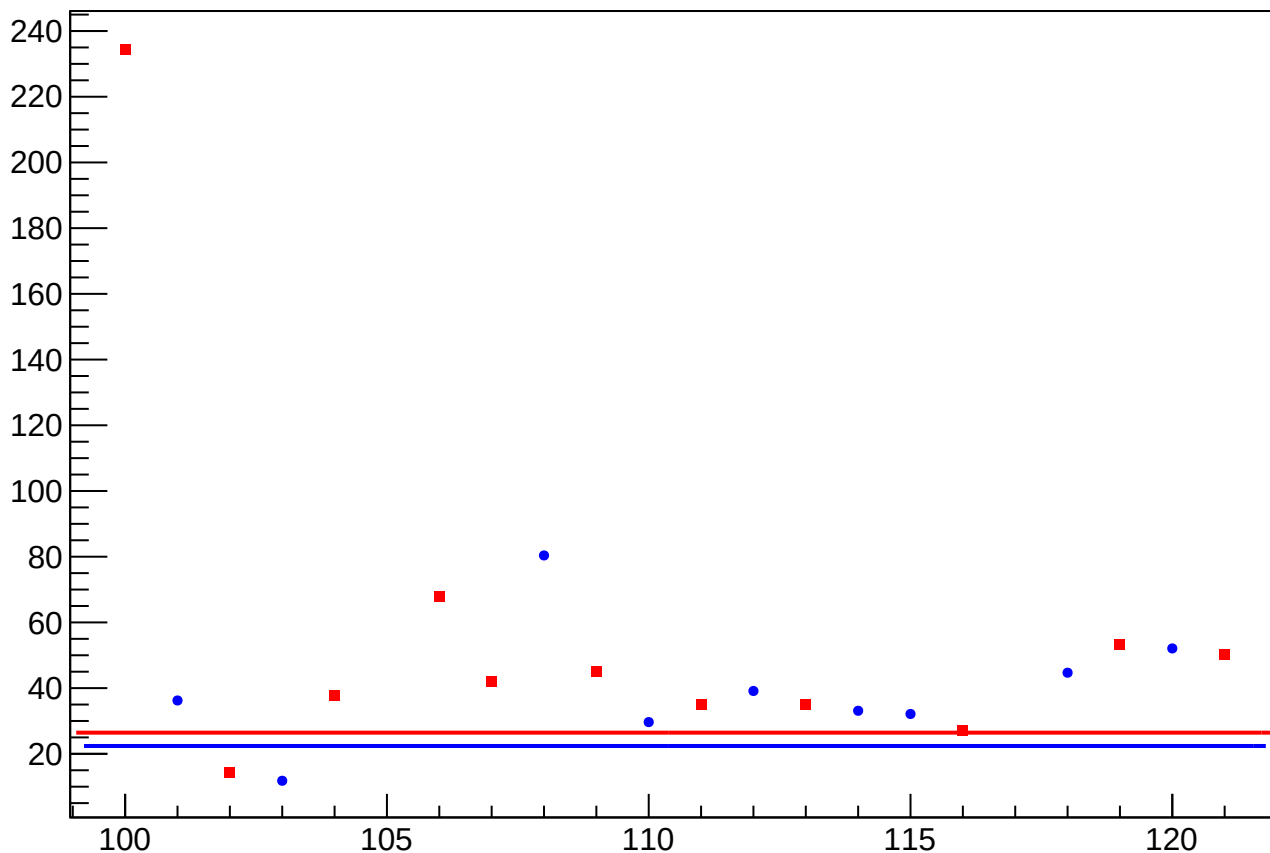
Right: -0.018 ± 0.011 χ^2/NDF : 16.5/19

In: -0.007 ± 0.015 χ^2/NDF : 8.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.011 χ^2/NDF : 16.5/19

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.447+/-0.011 χ^2/NDF : 1760433.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

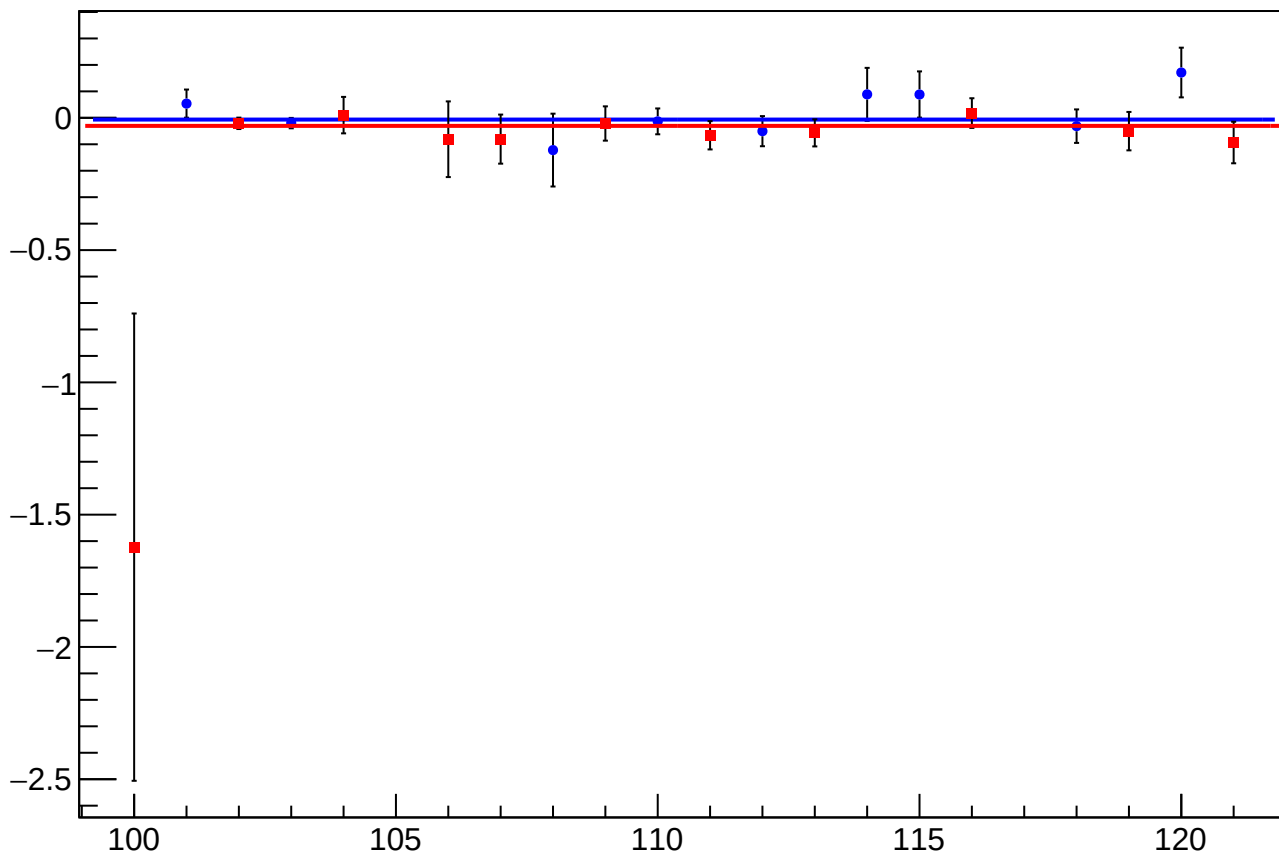
Right: 24.382+/-0.008 χ^2/NDF : 3614884.0/19

In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.382+/-0.008 χ^2/NDF : 3614884.0/19

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.015 χ^2 /NDF: 6.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

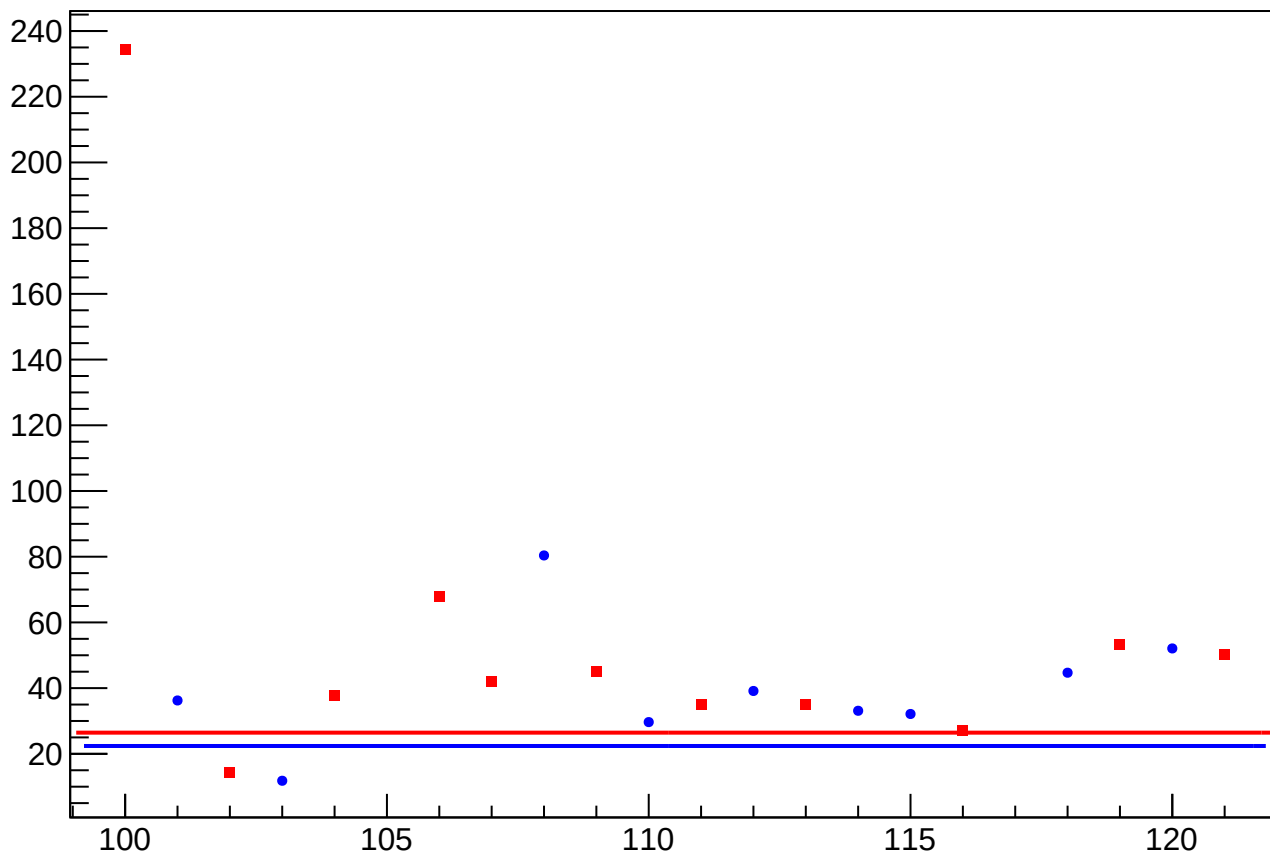
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/19

In: -0.007 $\pm$ 0.015 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/19

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.447+/-0.011 χ^2/NDF : 1760433.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

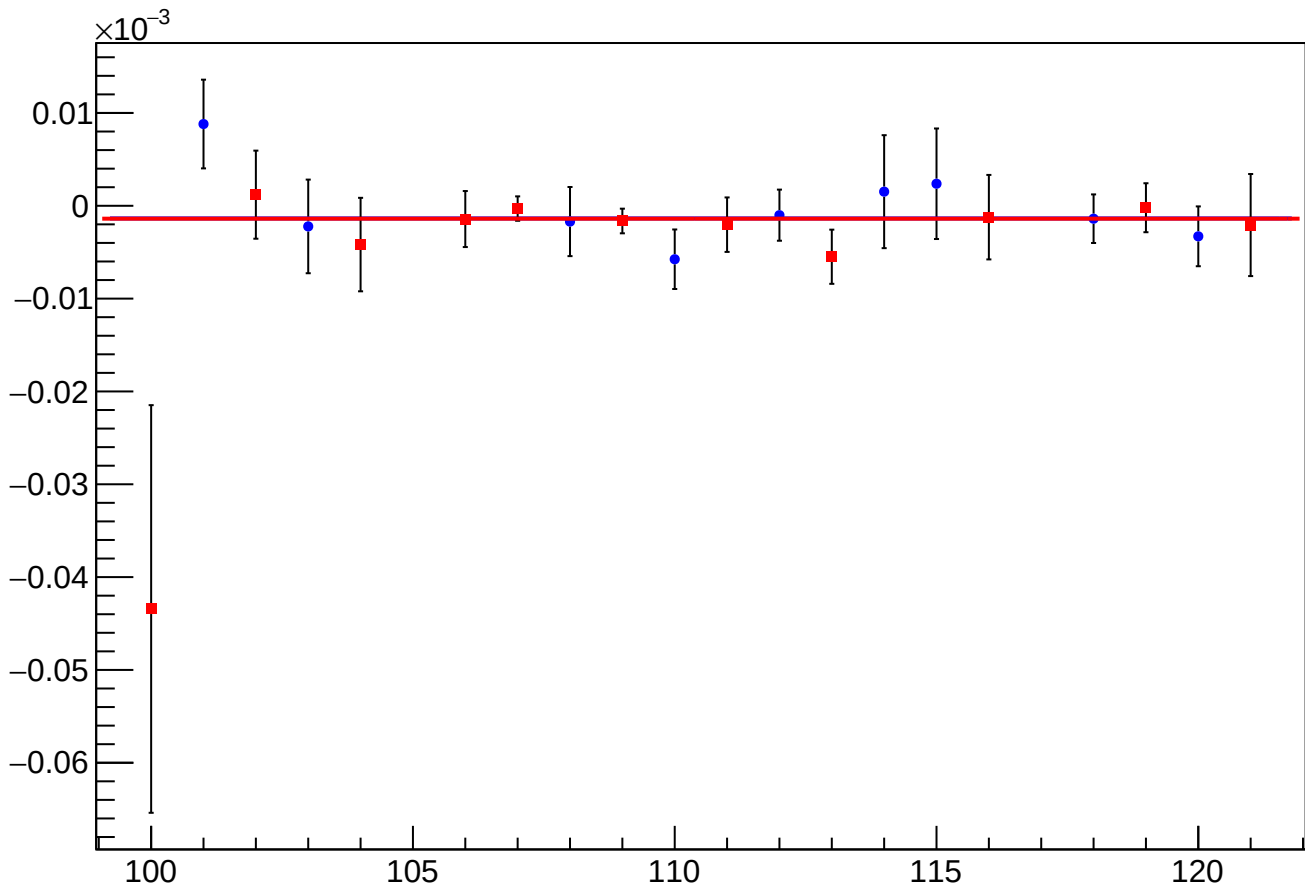
Right: 24.382+/-0.008 χ^2/NDF : 3614884.0/19

In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.382+/-0.008 χ^2/NDF : 3614884.0/19

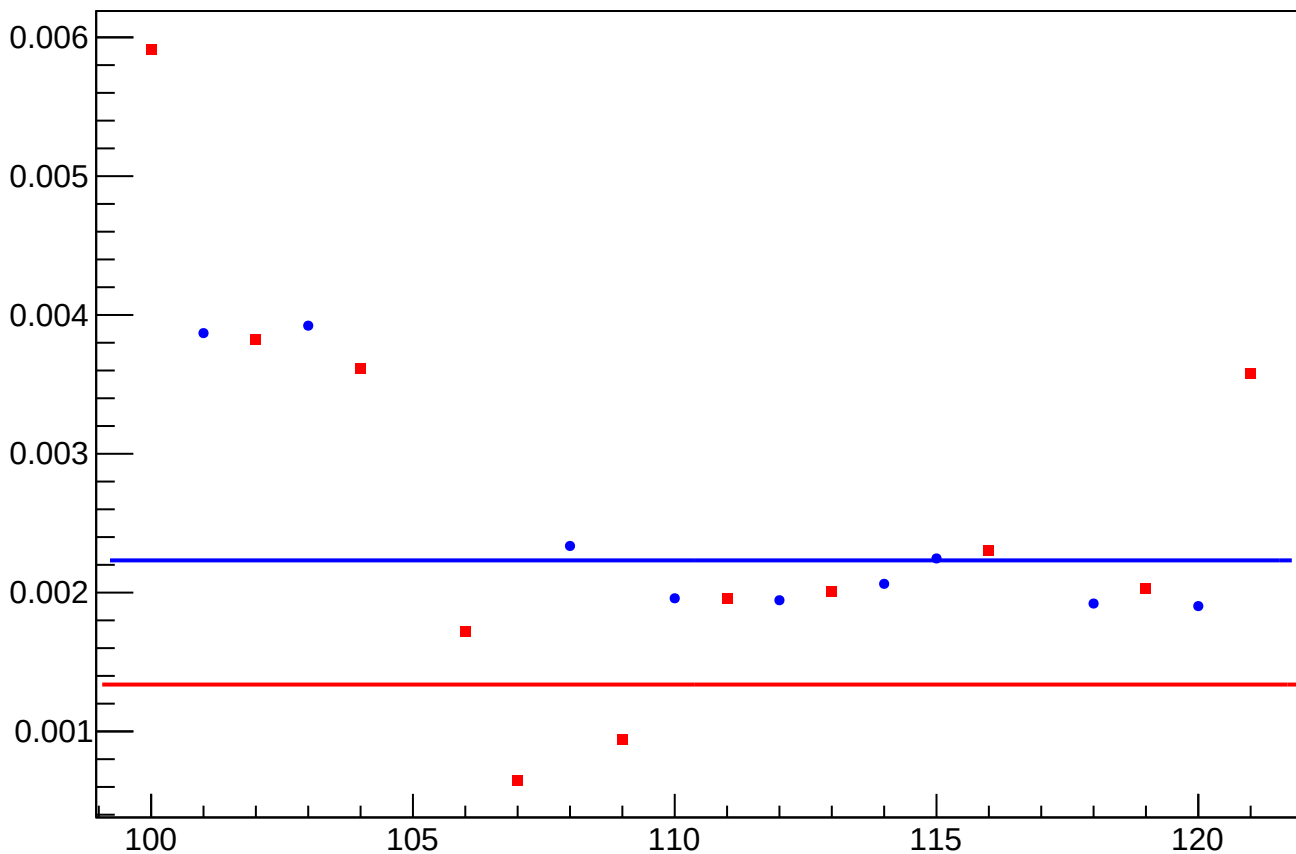
asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.2/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/19
 In: -0.000 $\pm$ 0.000 χ^2 /NDF:7.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/19

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 548041.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2563275.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

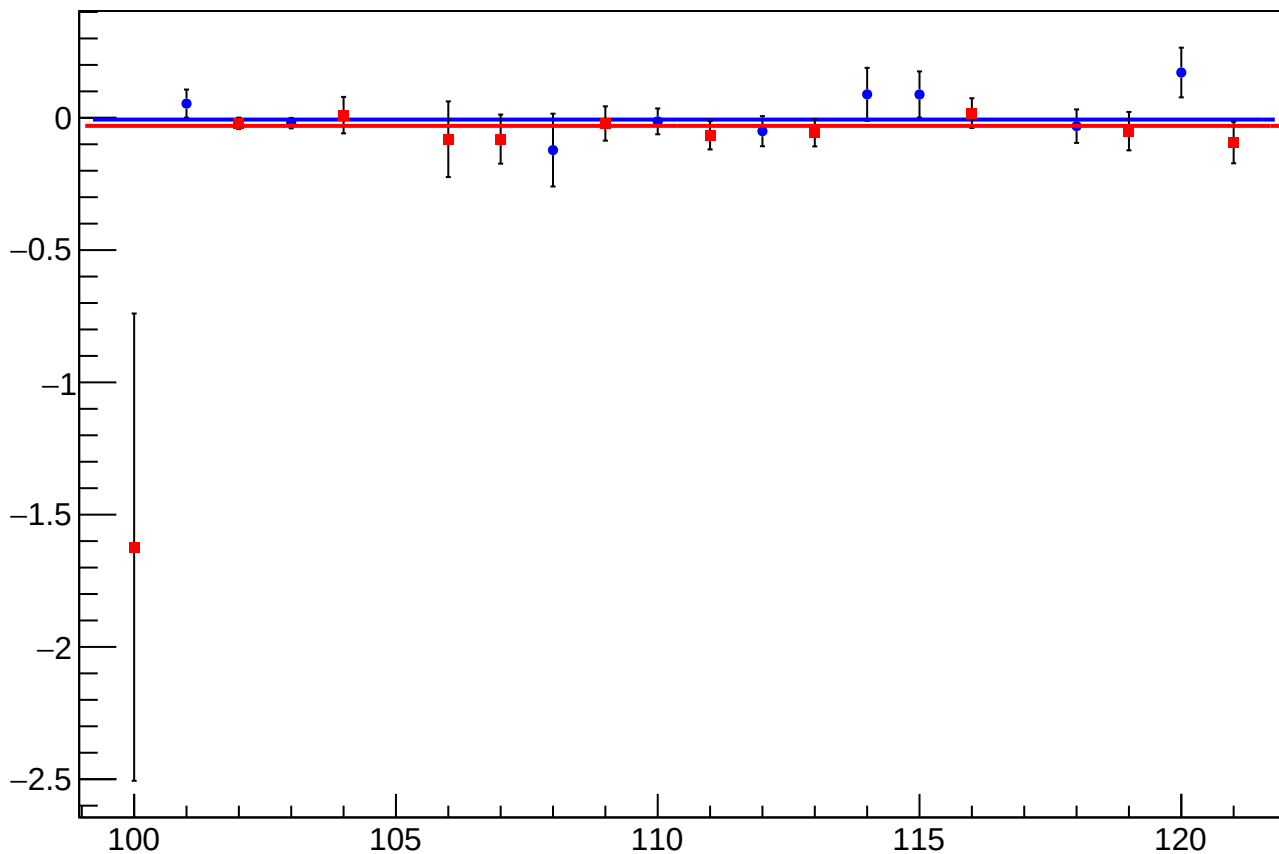
Right: 0.002+/-0.000 χ^2/NDF : 3902885.5/19

In: 0.002+/-0.000 χ^2/NDF : 548041.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3902885.5/19

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.015 χ^2 /NDF: 6.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

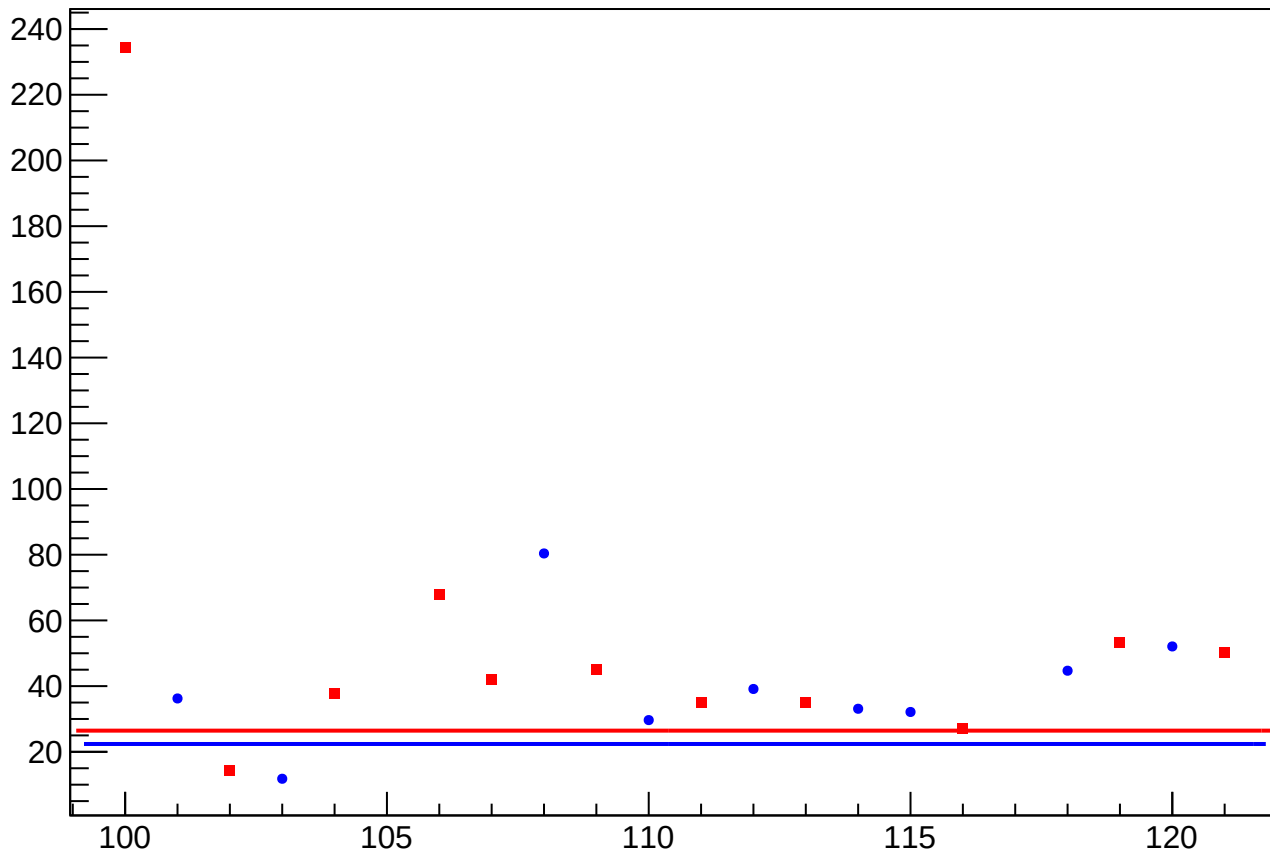
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/19

In: -0.007 $\pm$ 0.015 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/19

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.451+/-0.011 χ^2/NDF : 1759978.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

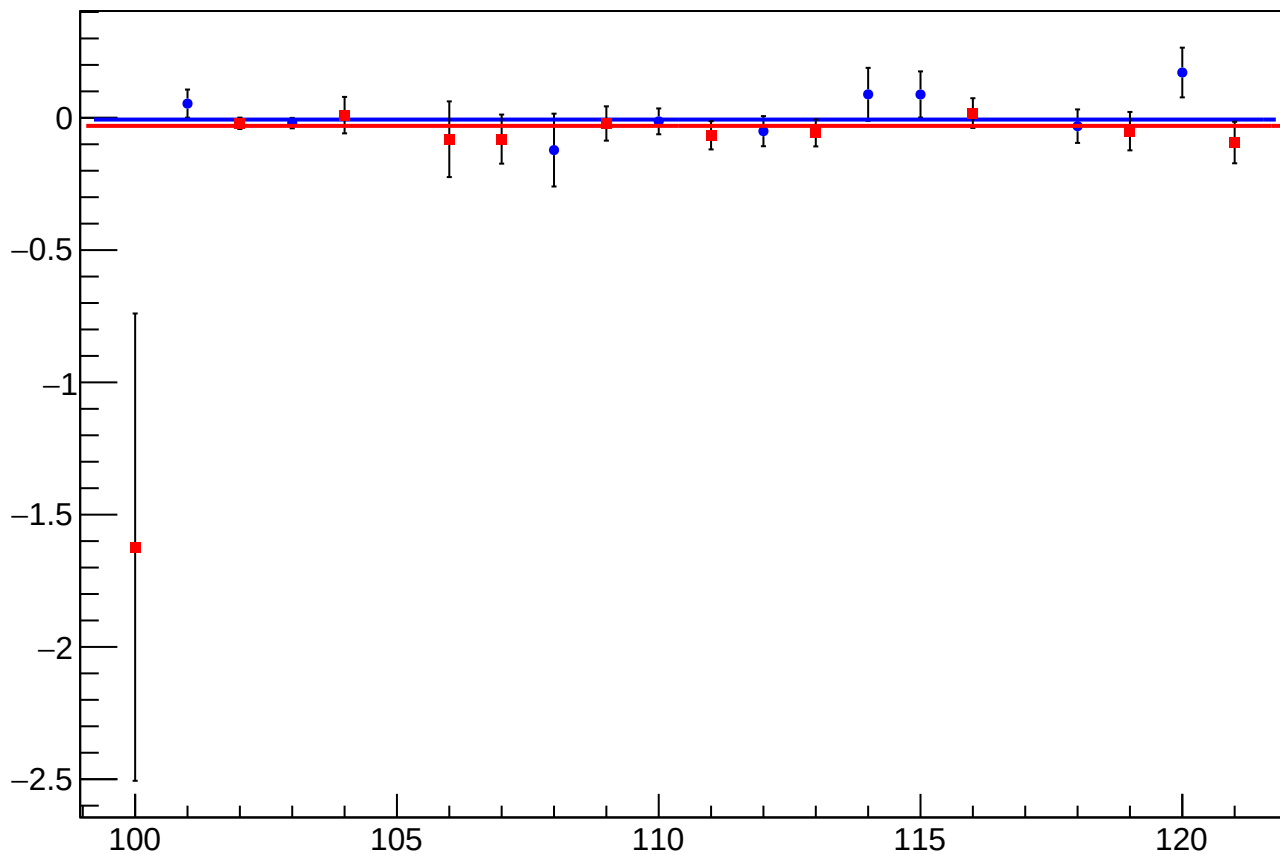
Right: 24.383+/-0.008 χ^2/NDF : 3614809.9/19

In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.383+/-0.008 χ^2/NDF : 3614809.9/19

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 8.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.015 χ^2/NDF : 6.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

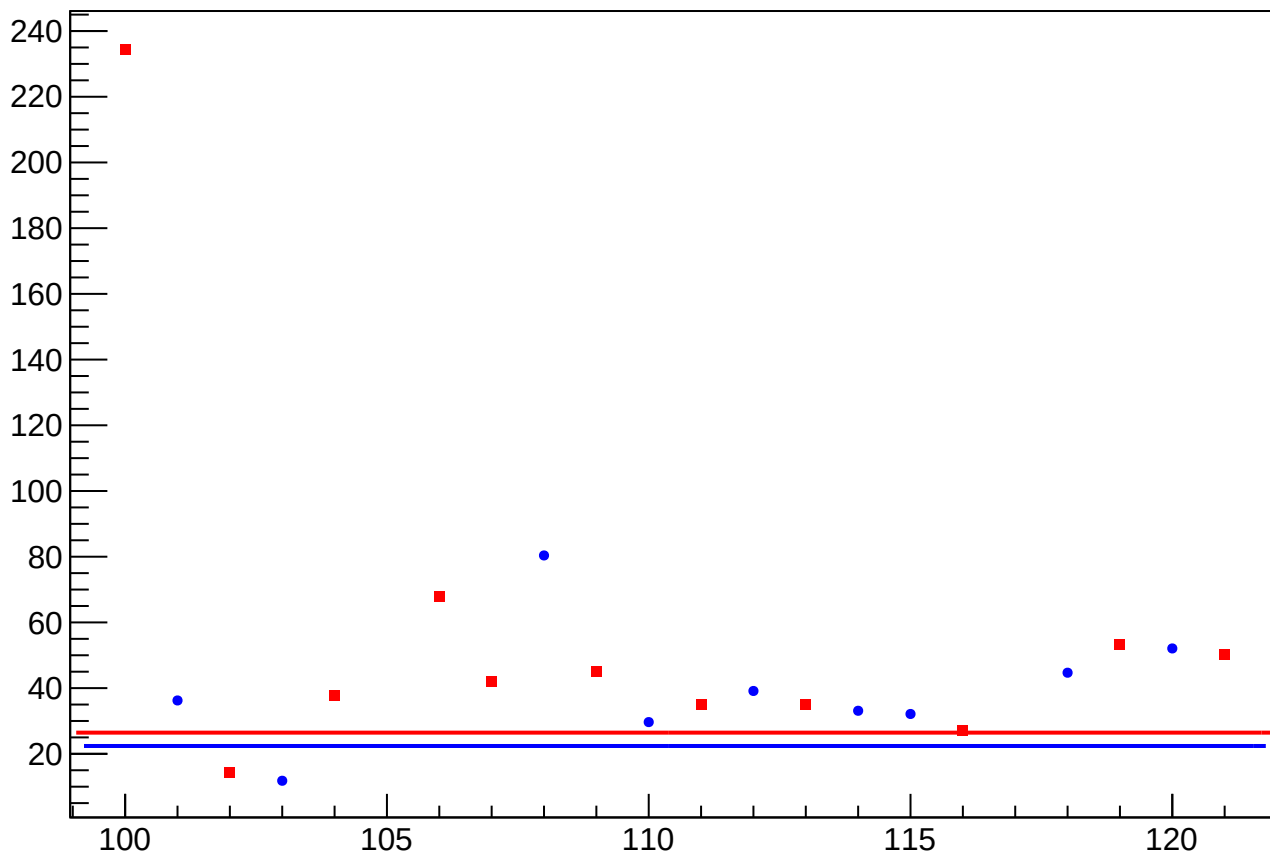
Right: -0.018 ± 0.011 χ^2/NDF : 16.5/19

In: -0.007 ± 0.015 χ^2/NDF : 8.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.011 χ^2/NDF : 16.5/19

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.451+/-0.011 χ^2/NDF : 1759978.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

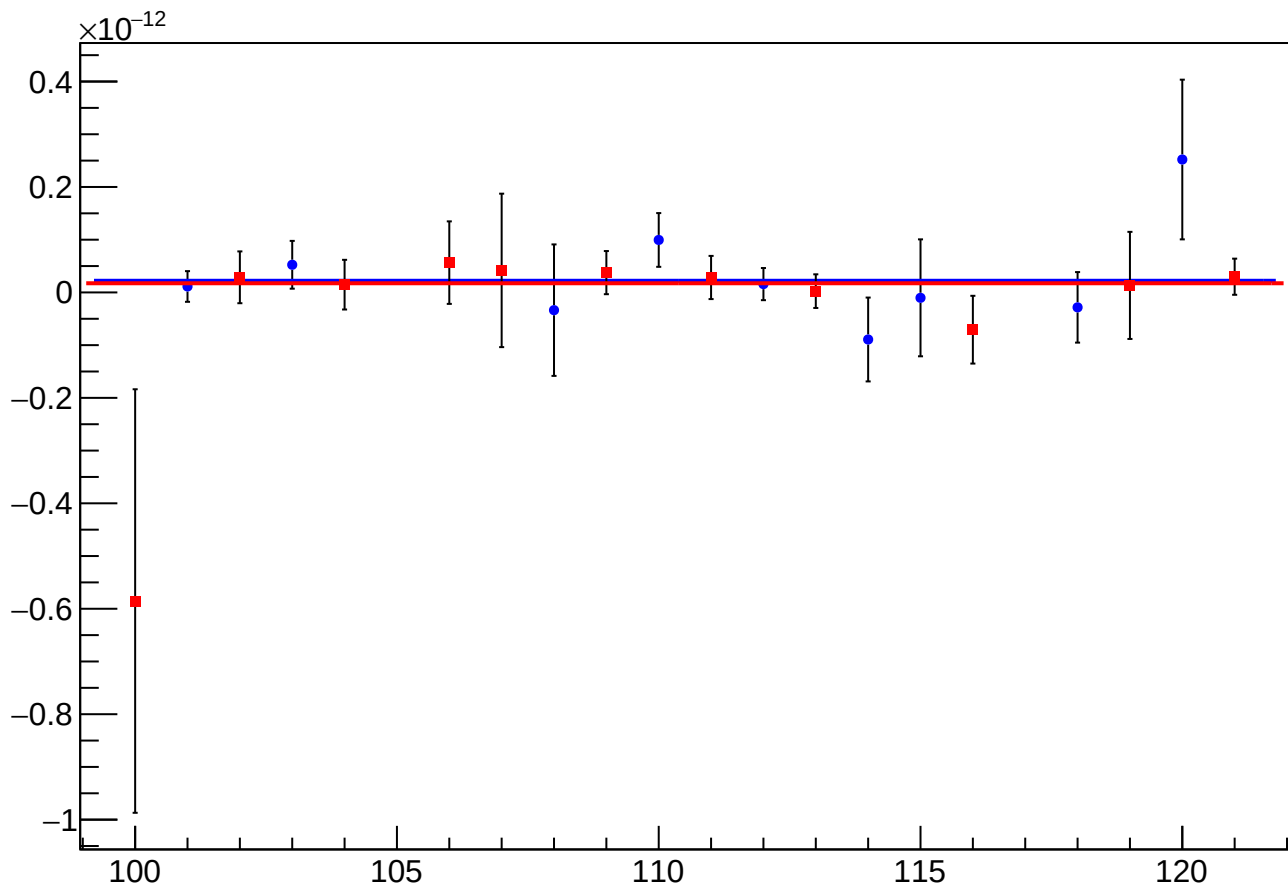
Right: 24.383+/-0.008 χ^2/NDF : 3614809.9/19

In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.383+/-0.008 χ^2/NDF : 3614809.9/19

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

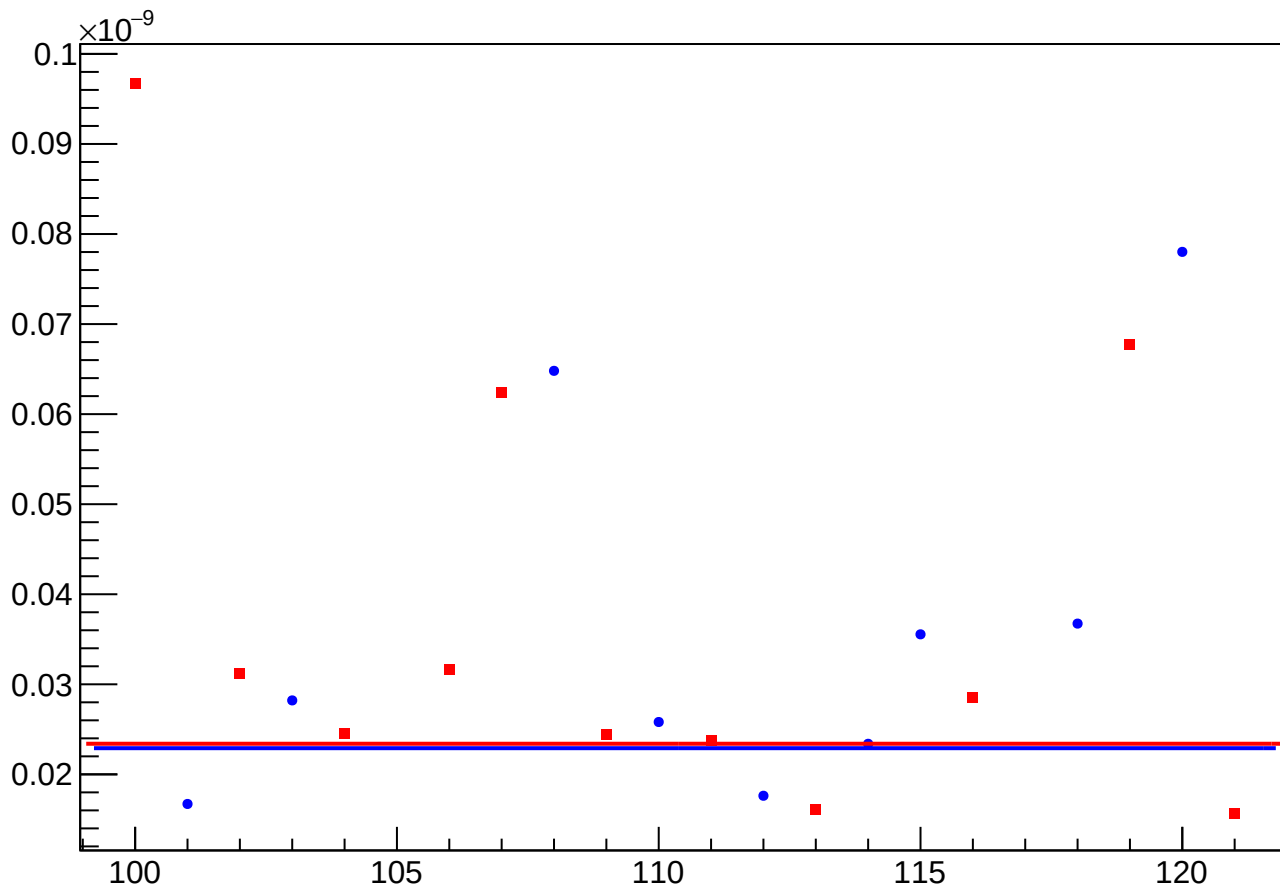
Right: 0.000+/-0.000 χ^2/NDF : 13.2/19

In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/19

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 786852.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 886942.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

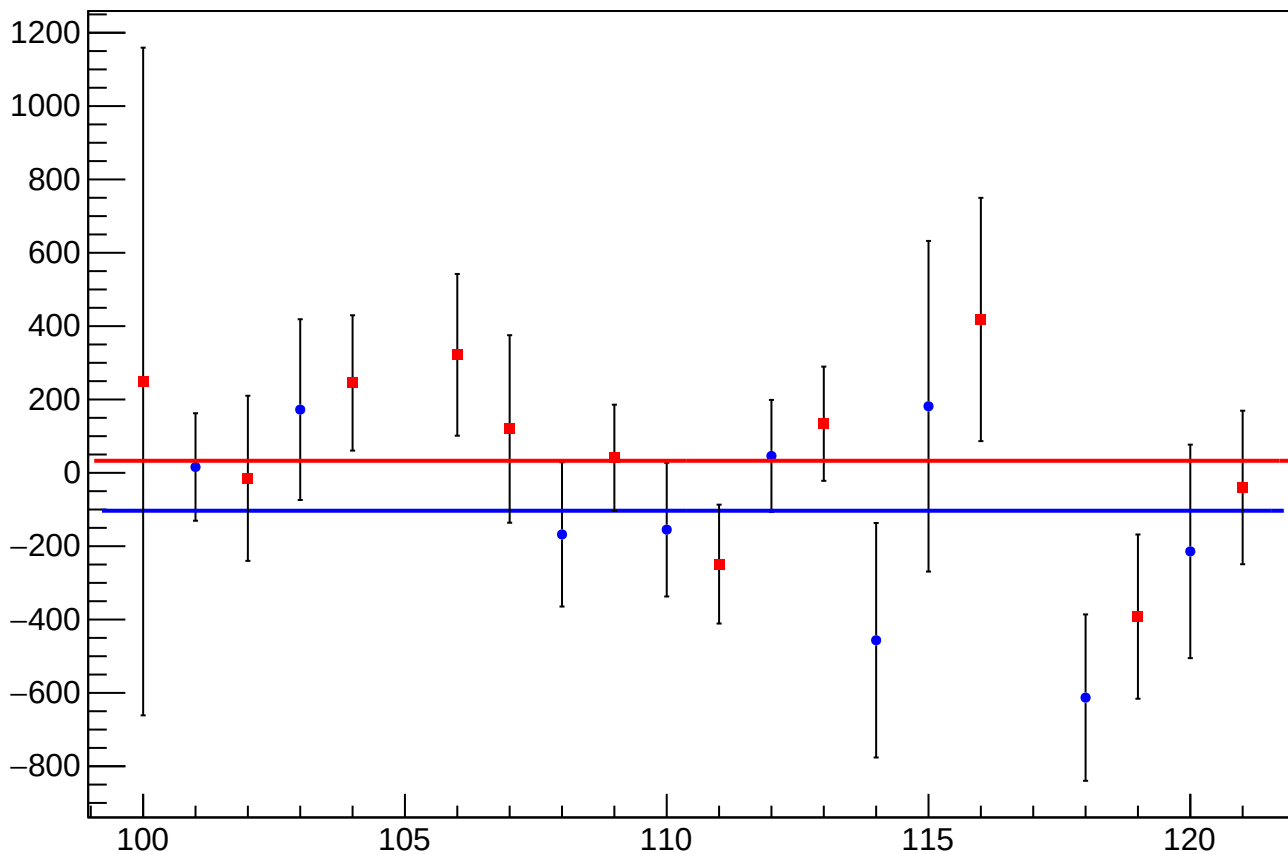
Right: 0.000+/-0.000 χ^2/NDF : 1674780.1/19

In: 0.000+/-0.000 χ^2/NDF : 786852.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1674780.1/19

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.293+/-69.380 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.913+/-61.432 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

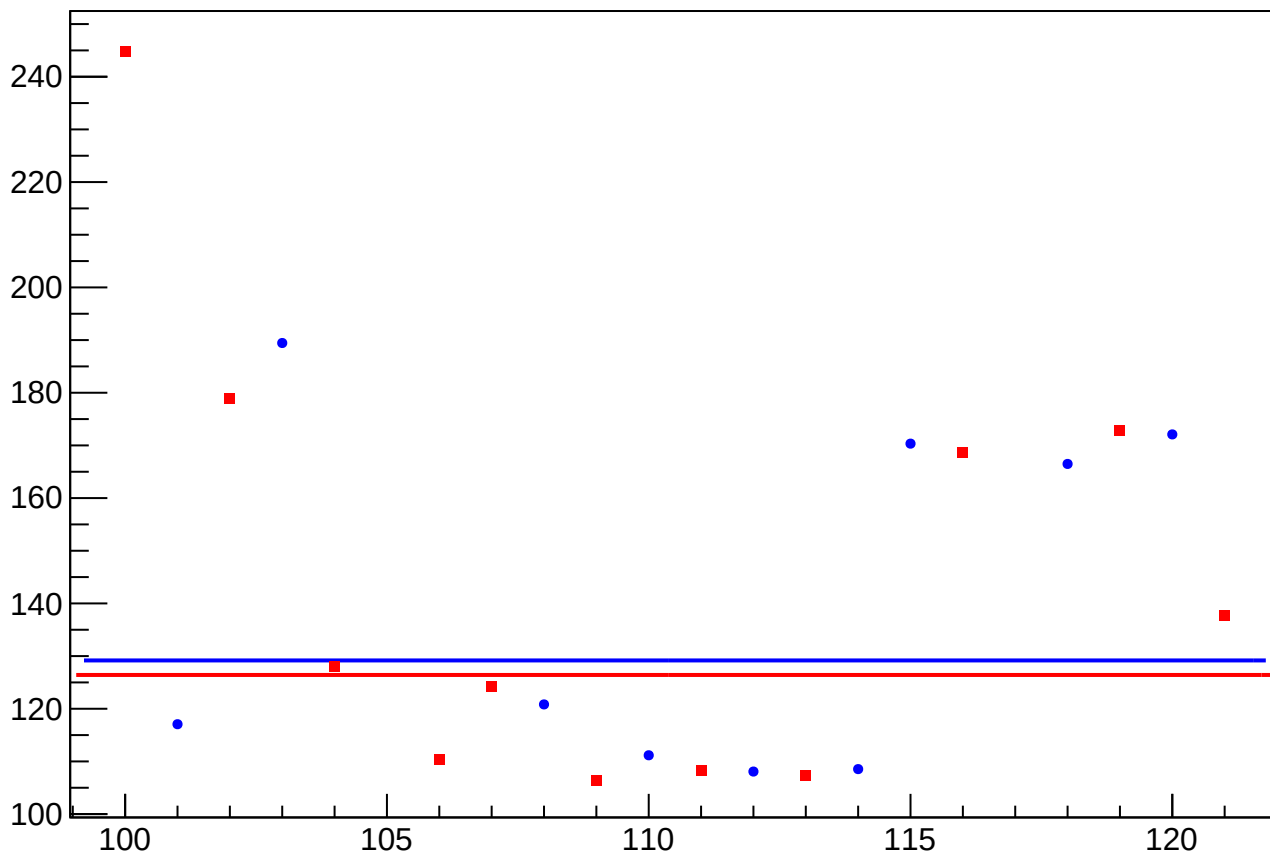
Right: -26.945+/-45.994 χ^2/NDF : 23.8/19

In: -103.293+/-69.380 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.945+/-45.994 χ^2/NDF : 23.8/19

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.174+/-0.049 χ^2/NDF : 317126.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.417+/-0.043 χ^2/NDF : 371017.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

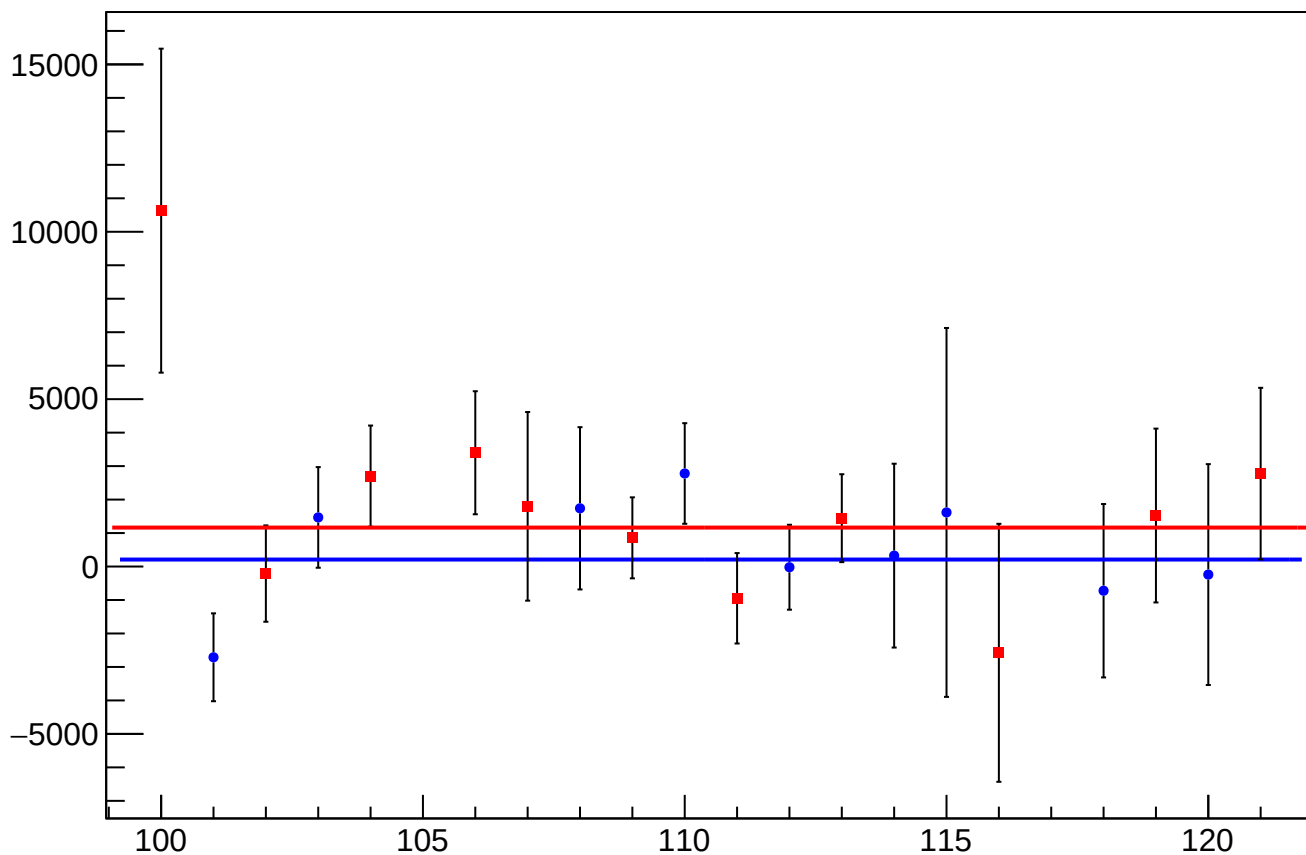
Right: 127.629+/-0.033 χ^2/NDF : 689914.8/19

In: 129.174+/-0.049 χ^2/NDF : 317126.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.629+/-0.033 χ^2/NDF : 689914.8/19

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 208.758+/-612.690 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.435+/-529.589 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

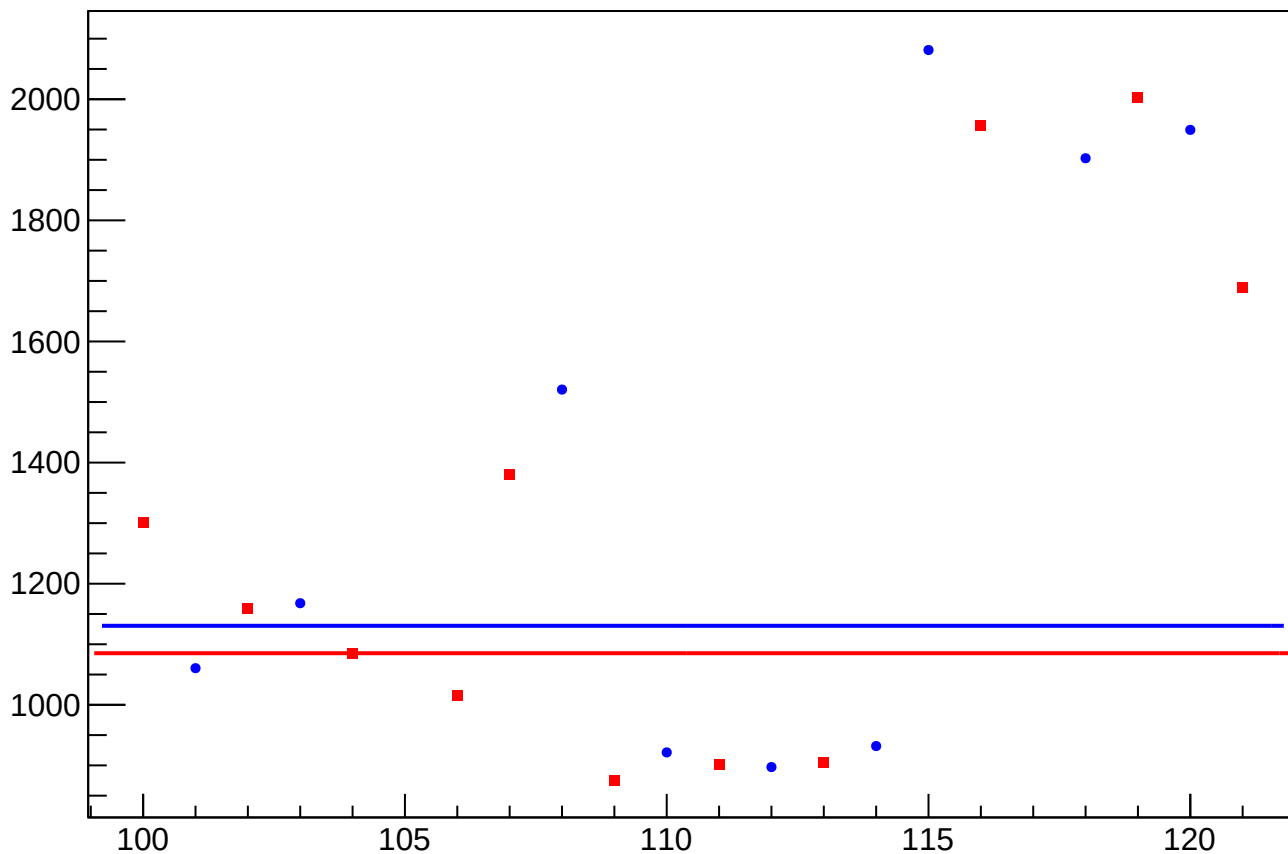
Right: 755.184+/-400.660 χ^2/NDF : 21.8/19

In: 208.758+/-612.690 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.184+/-400.660 χ^2/NDF : 21.8/19

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1130.497+/-0.433 χ^2/NDF : 536026.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.224+/-0.374 χ^2/NDF : 632106.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

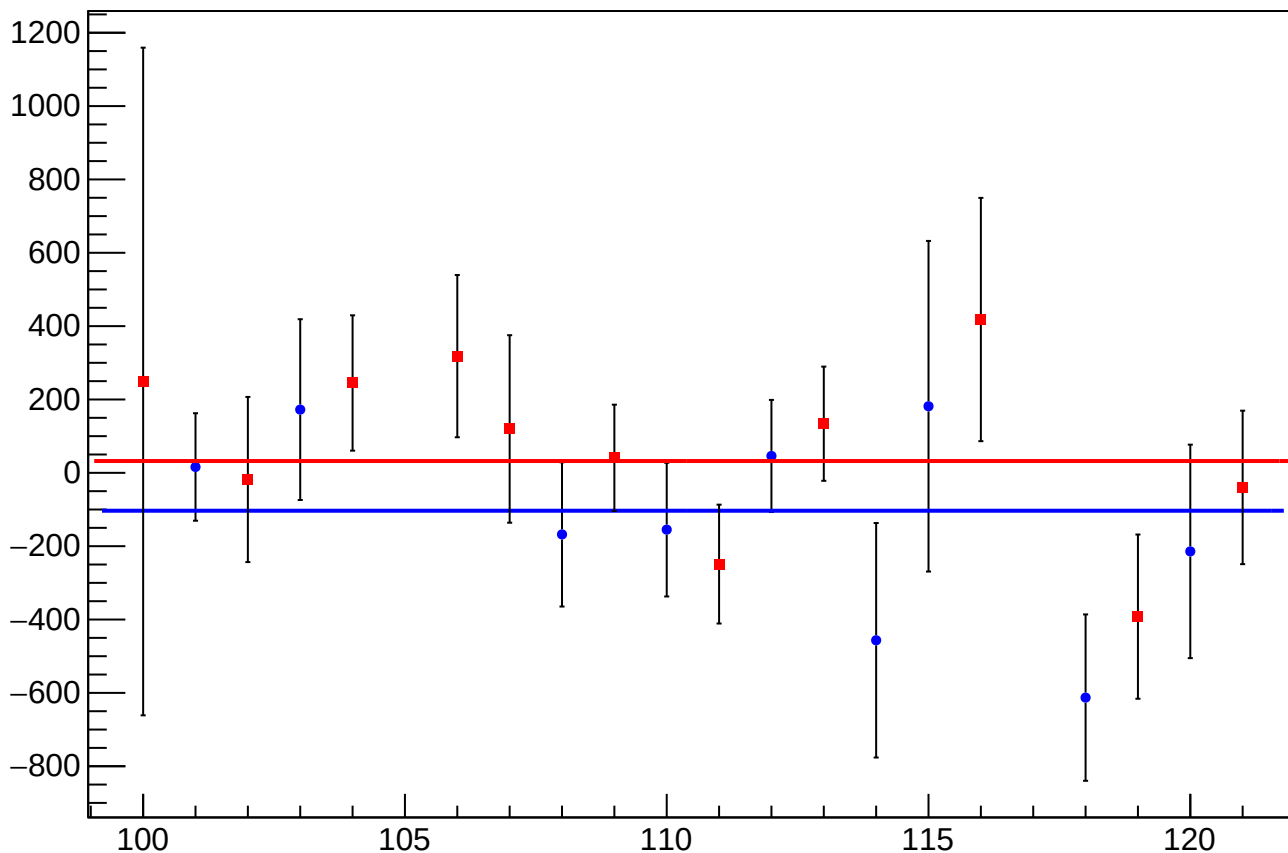
Right: 1104.585+/-0.283 χ^2/NDF : 1174383.2/19

In: 1130.497+/-0.433 χ^2/NDF : 536026.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.585+/-0.283 χ^2/NDF : 1174383.2/19

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.318+/-69.380 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.241+/-61.449 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

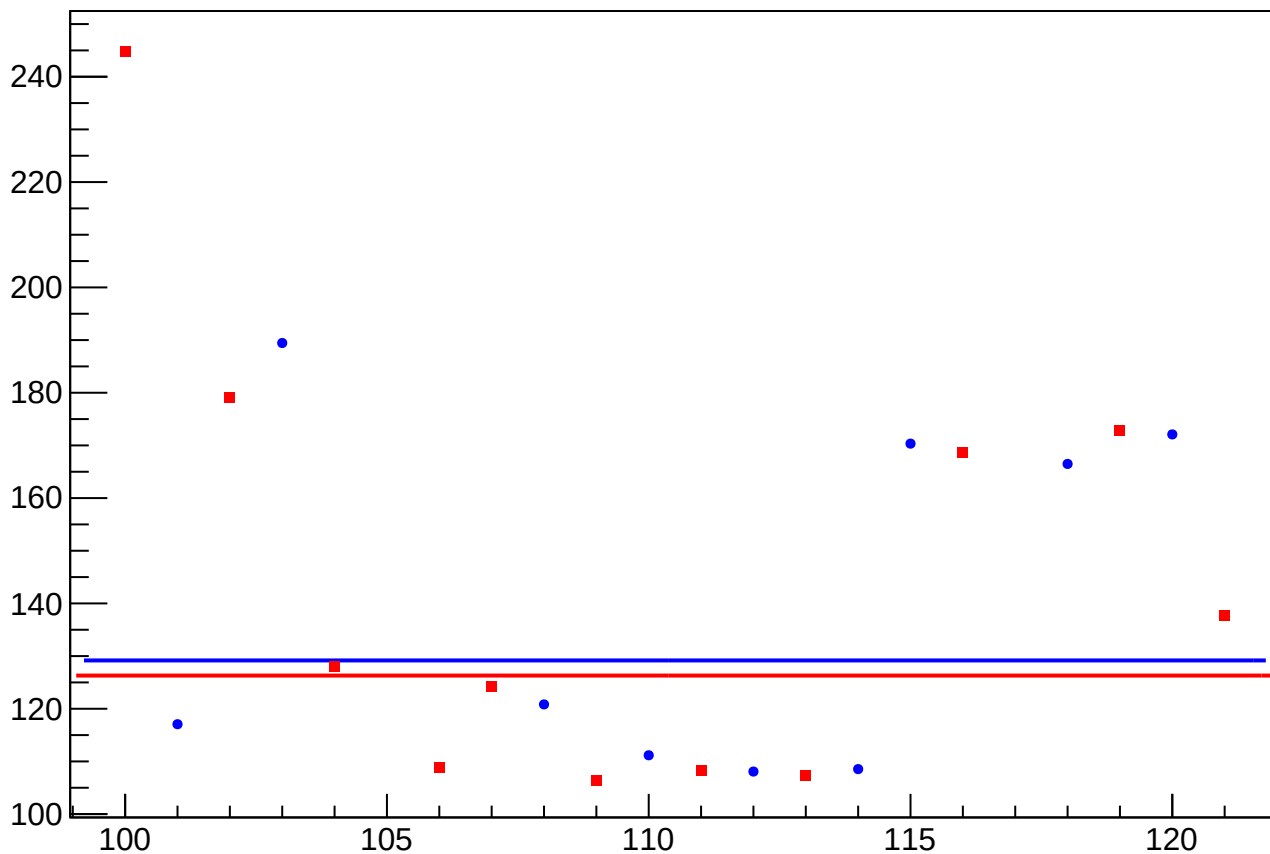
Right: -27.351+/-46.001 χ^2/NDF : 23.7/19

In: -103.318+/-69.380 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.351+/-46.001 χ^2/NDF : 23.7/19

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.304+/-0.043 χ^2/NDF : 373368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

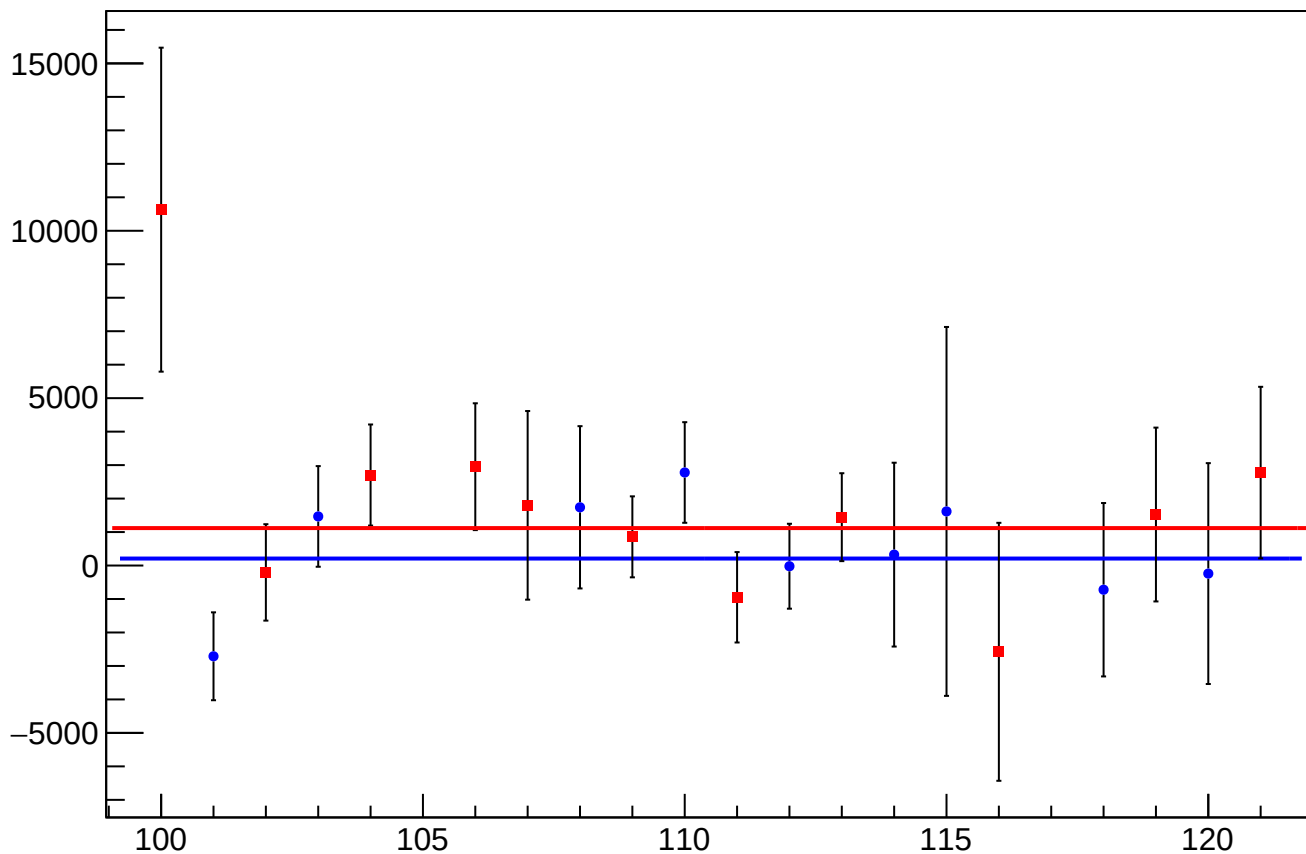
Right: 127.566+/-0.033 χ^2/NDF : 692417.1/19

In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.566+/-0.033 χ^2/NDF : 692417.1/19

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1118.453+/-530.925 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

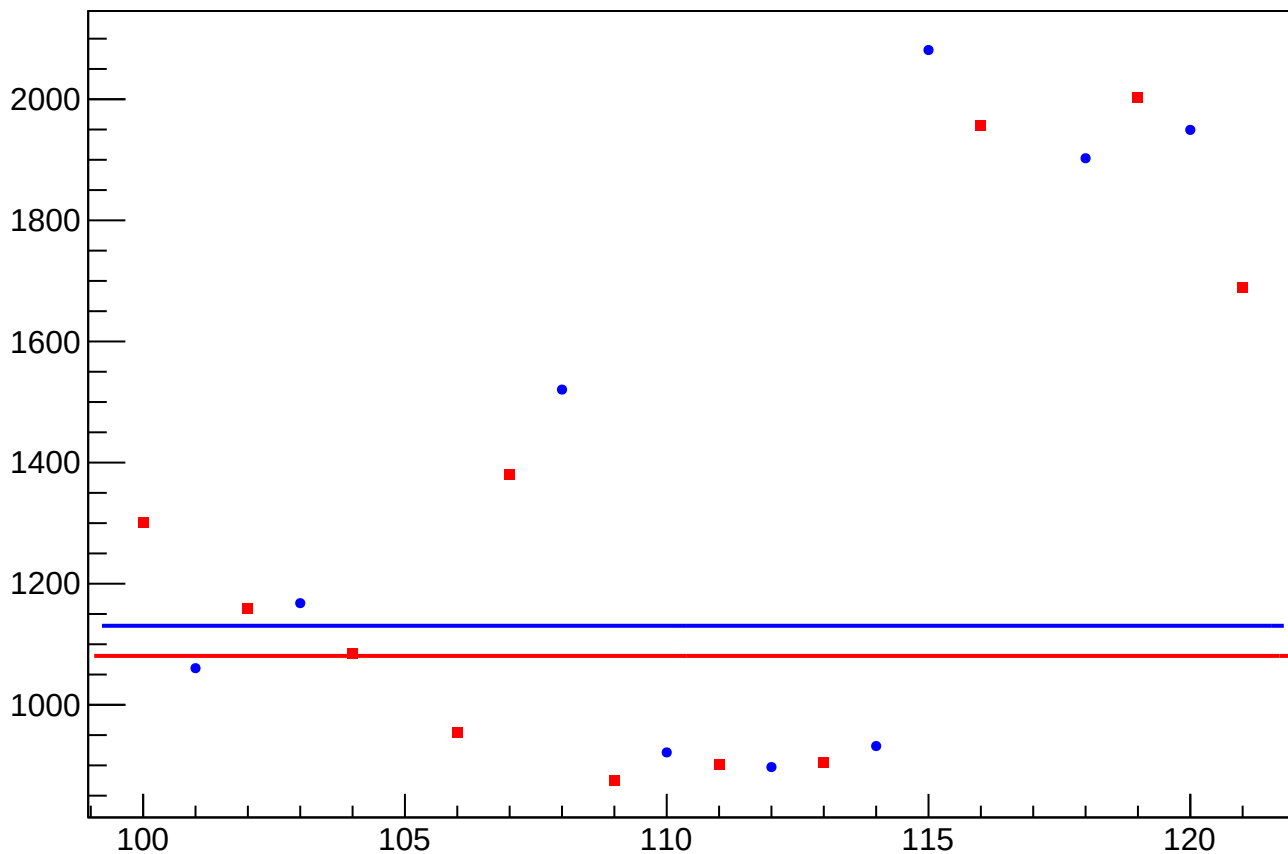
Right: 728.278+/-401.240 χ^2/NDF : 21.1/19

In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.278+/-401.240 χ^2/NDF : 21.1/19

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1080.777+/-0.375 χ^2/NDF : 638791.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

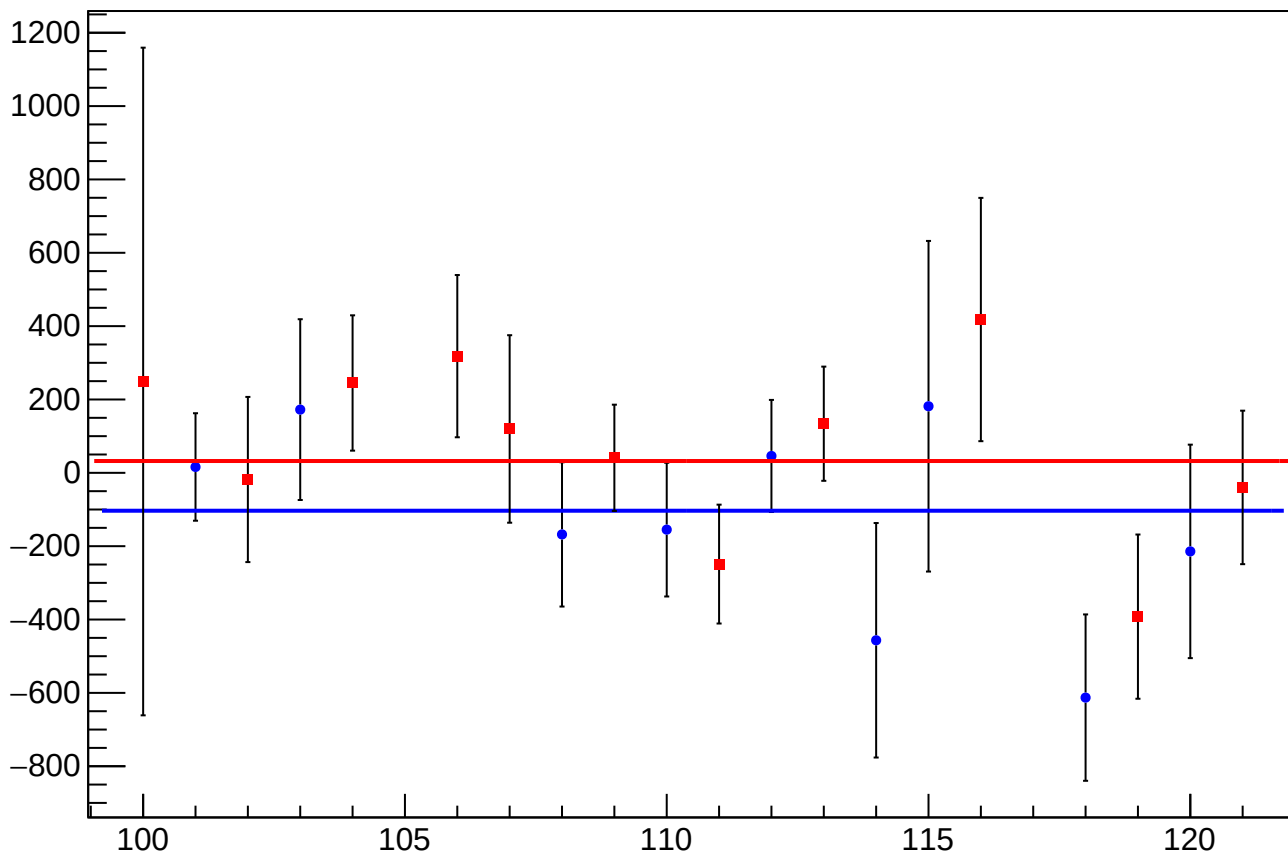
Right: 1102.107+/-0.284 χ^2/NDF : 1182349.7/19

In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.107+/-0.284 χ^2/NDF : 1182349.7/19

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.318+/-69.380 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.241+/-61.449 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

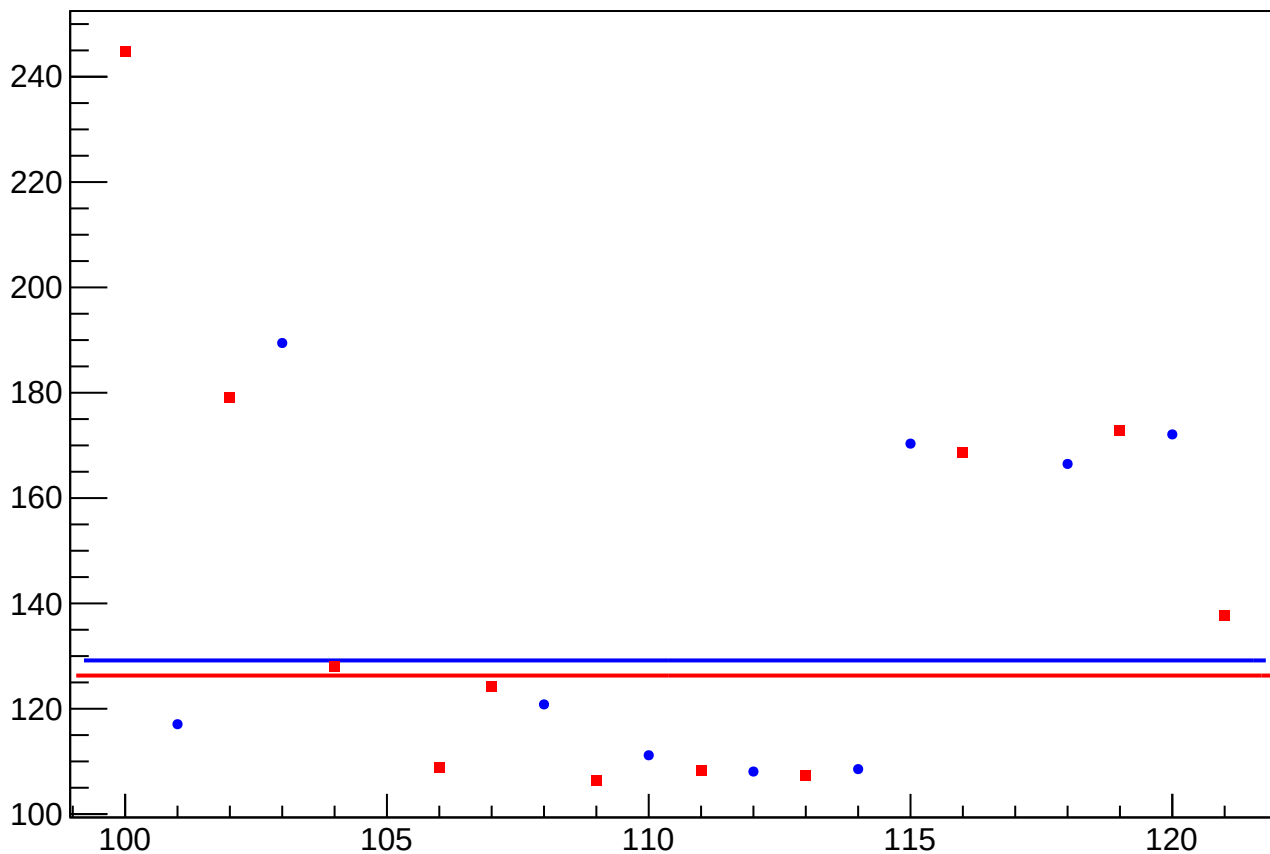
Right: -27.351+/-46.001 χ^2/NDF : 23.7/19

In: -103.318+/-69.380 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.351+/-46.001 χ^2/NDF : 23.7/19

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.304+/-0.043 χ^2/NDF : 373368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

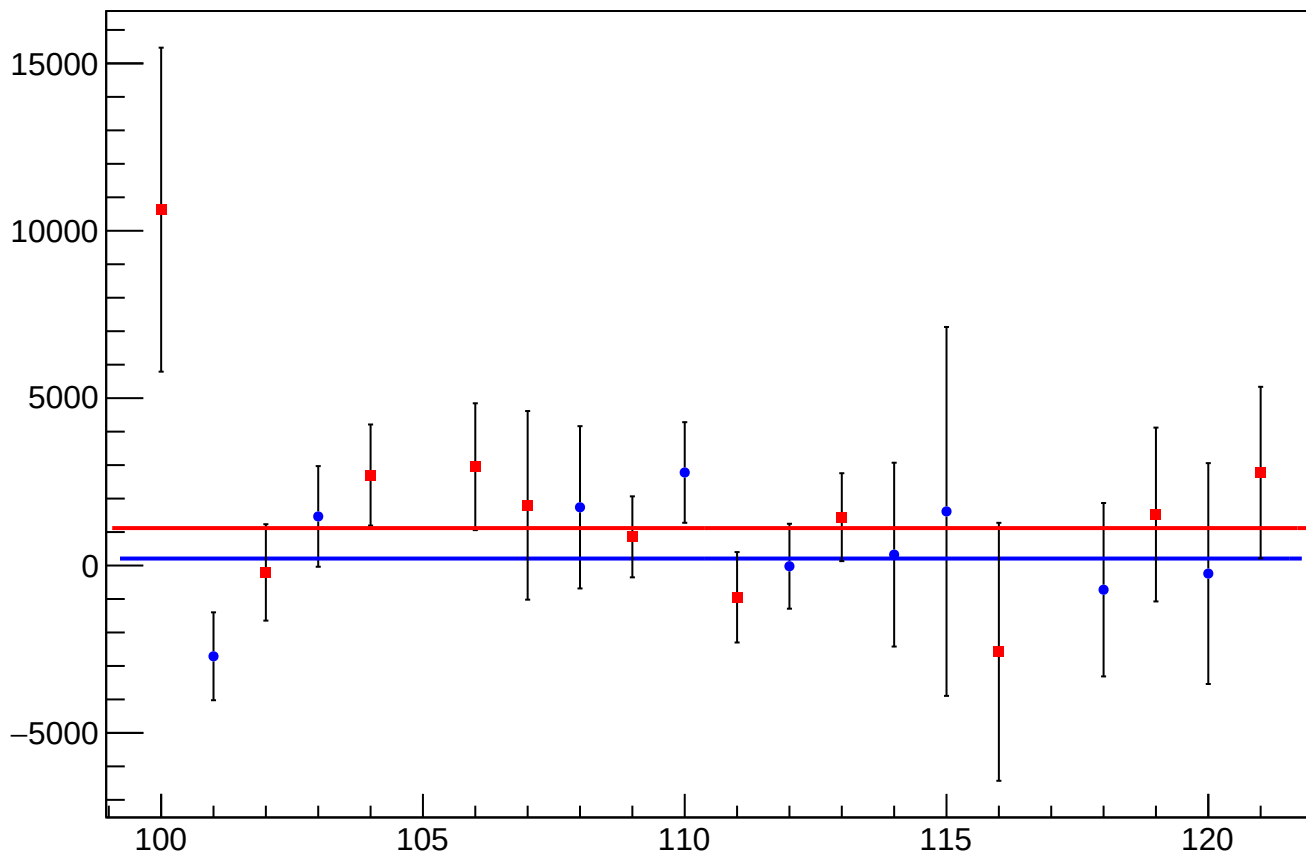
Right: 127.566+/-0.033 χ^2/NDF : 692417.1/19

In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.566+/-0.033 χ^2/NDF : 692417.1/19

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1118.453+/-530.925 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

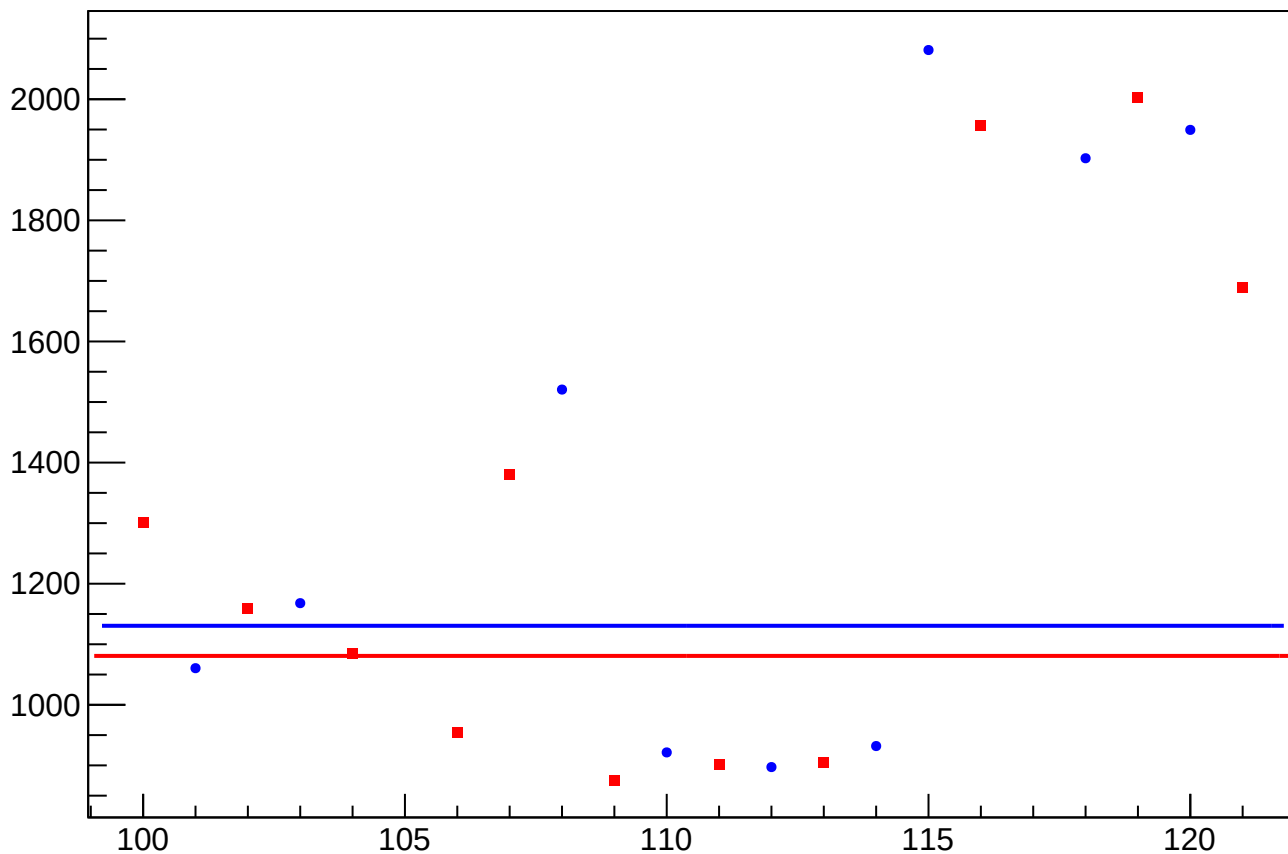
Right: 728.278+/-401.240 χ^2/NDF : 21.1/19

In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.278+/-401.240 χ^2/NDF : 21.1/19

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1080.777+/-0.375 χ^2/NDF : 638791.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

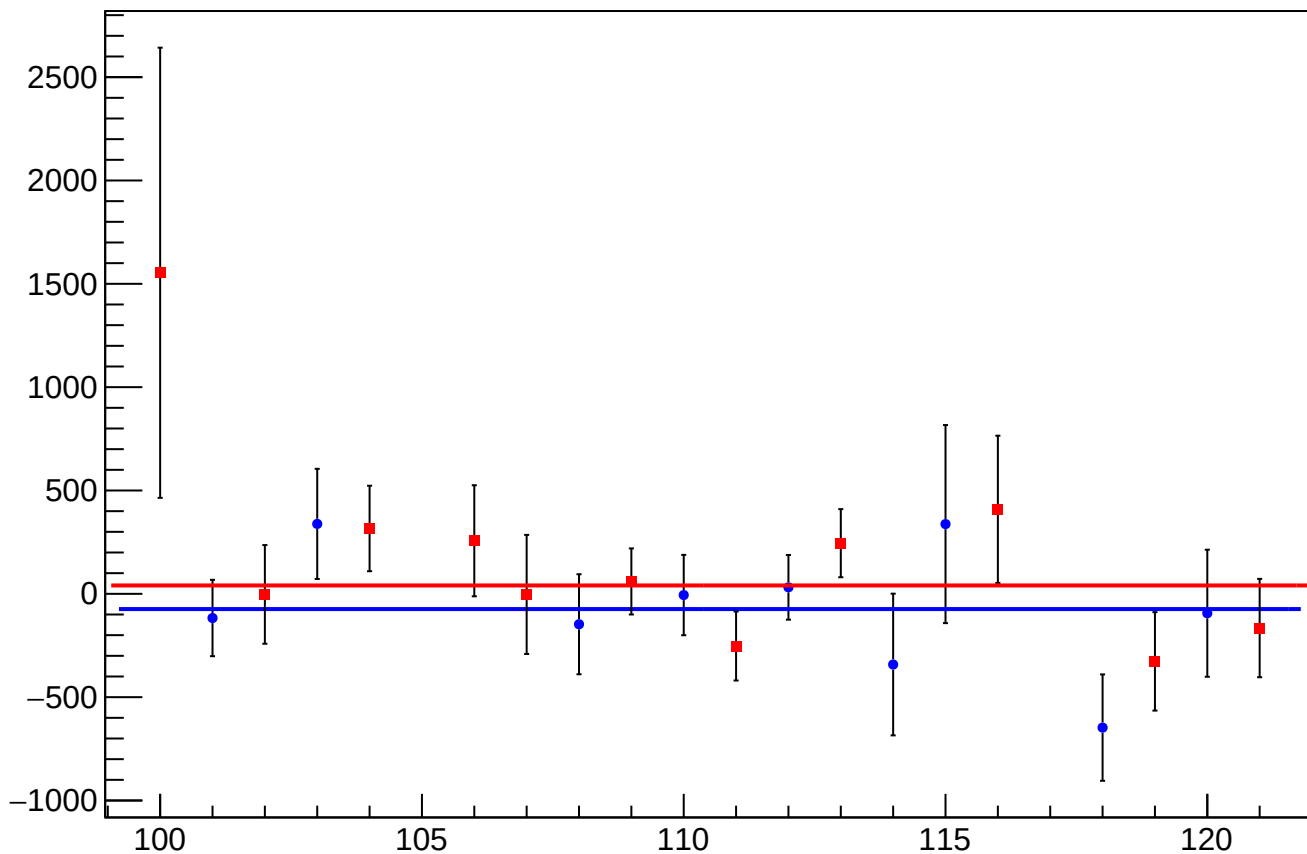
Right: 1102.107+/-0.284 χ^2/NDF : 1182349.7/19

In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.107+/-0.284 χ^2/NDF : 1182349.7/19

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -73.724+/-77.558 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 40.567+/-67.017 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

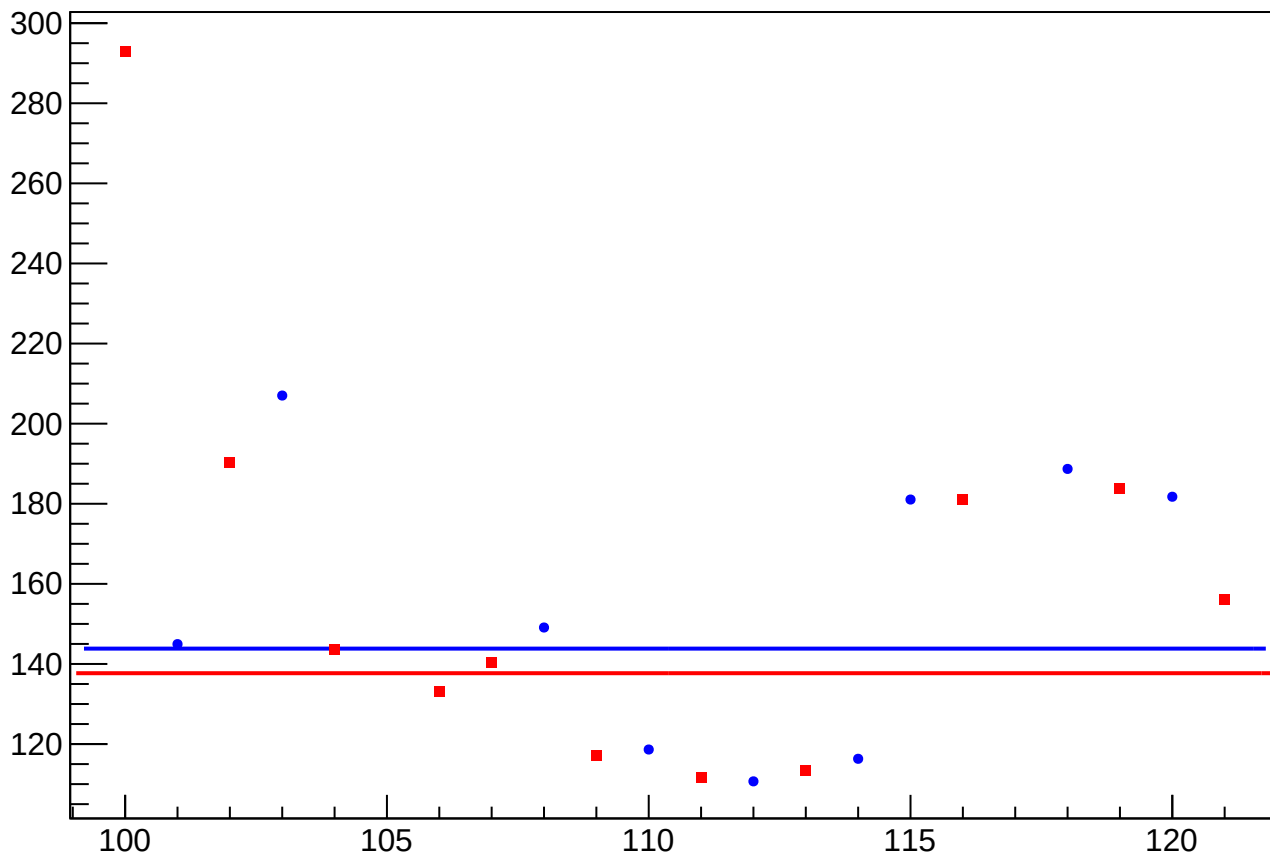
Right: -8.289+/-50.709 χ^2/NDF : 23.9/19

In: -73.724+/-77.558 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.289+/-50.709 χ^2/NDF : 23.9/19

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 143.833+/-0.055 χ^2/NDF : 352845.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.693+/-0.047 χ^2/NDF : 382218.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

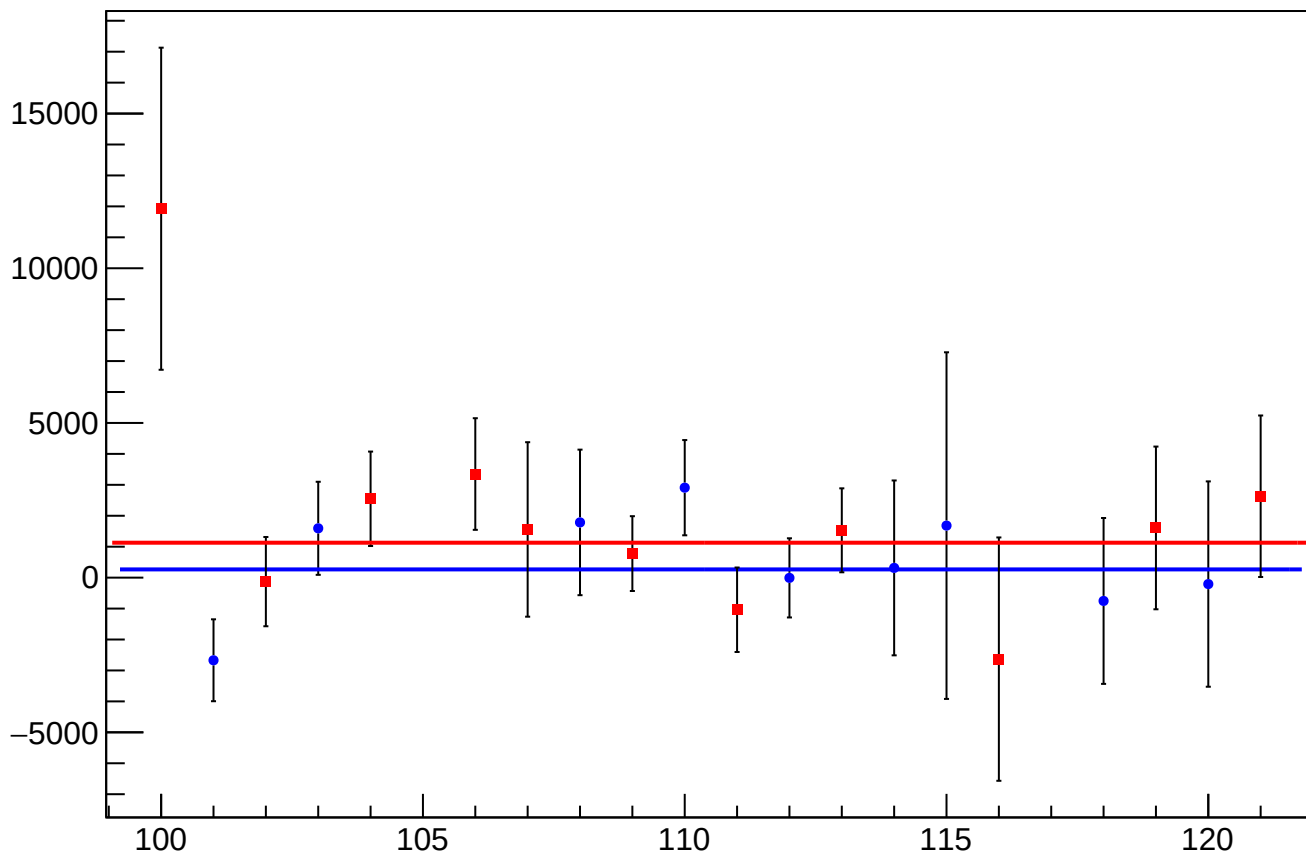
Right: 140.318+/-0.036 χ^2/NDF : 742240.1/19

In: 143.833+/-0.055 χ^2/NDF : 352845.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.318+/-0.036 χ^2/NDF : 742240.1/19

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 265.903 $\pm$ 618.569 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1129.029 $\pm$ 534.554 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

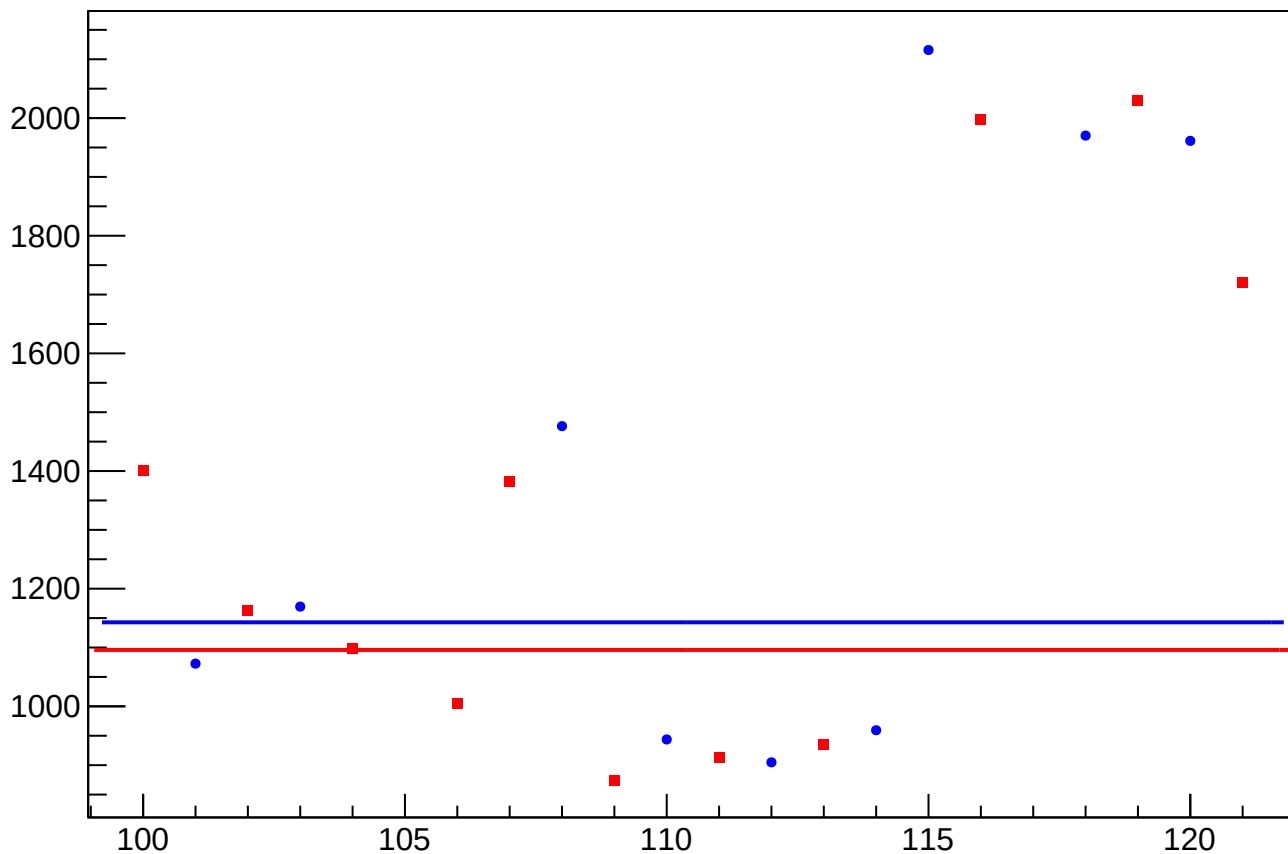
Right: 760.021 $\pm$ 404.454 χ^2 /NDF: 21.9/19

In: 265.903 $\pm$ 618.569 χ^2 /NDF:9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 760.021 $\pm$ 404.454 χ^2 /NDF: 21.9/19

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.827+/-0.437 χ^2/NDF : 530034.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.868+/-0.378 χ^2/NDF : 639611.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

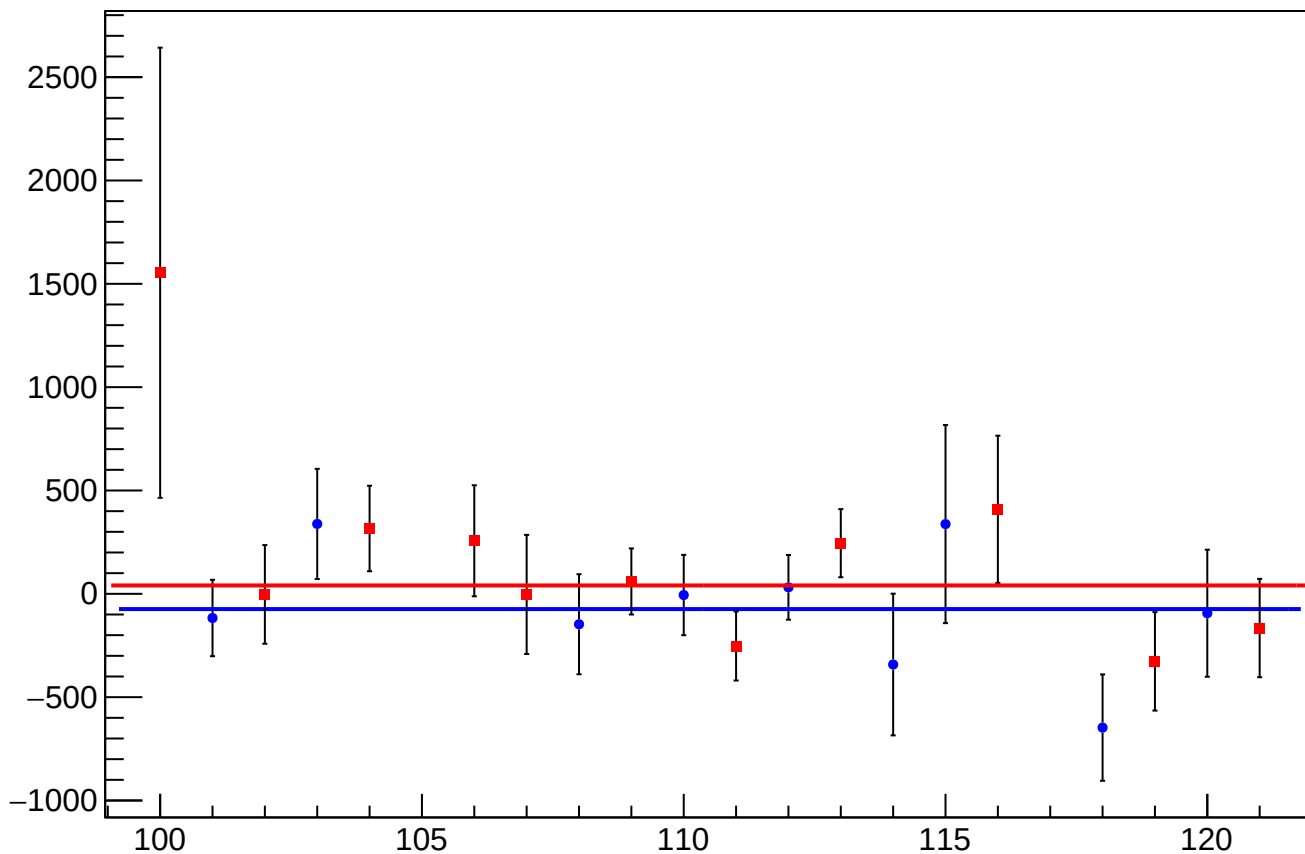
Right: 1115.944+/-0.286 χ^2/NDF : 1176245.1/19

In: 1142.827+/-0.437 χ^2/NDF : 530034.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.944+/-0.286 χ^2/NDF : 1176245.1/19

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -73.724+/-77.558 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 40.566+/-67.017 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

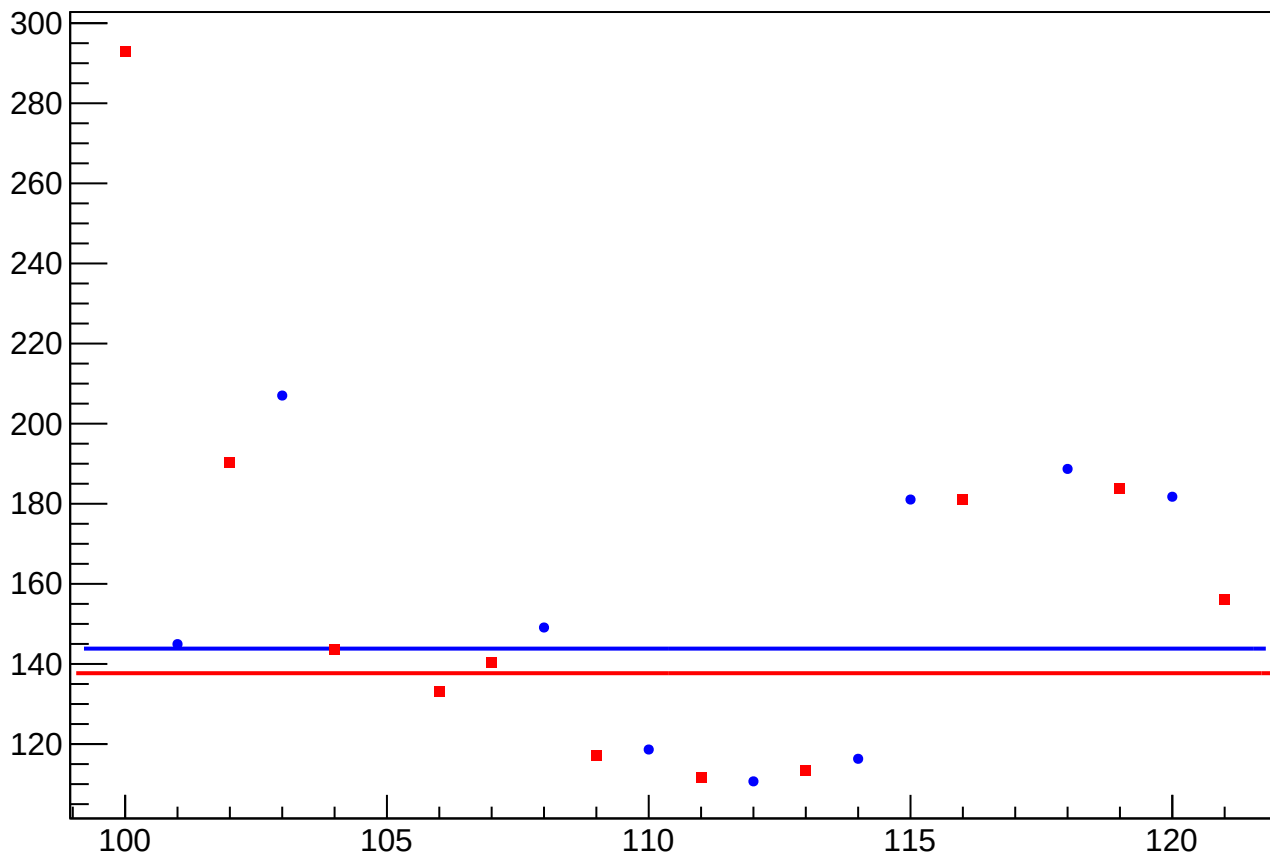
Right: -8.290+/-50.709 χ^2/NDF : 23.9/19

In: -73.724+/-77.558 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.290+/-50.709 χ^2/NDF : 23.9/19

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 143.833+/-0.055 χ^2/NDF : 352850.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.693+/-0.047 χ^2/NDF : 382220.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

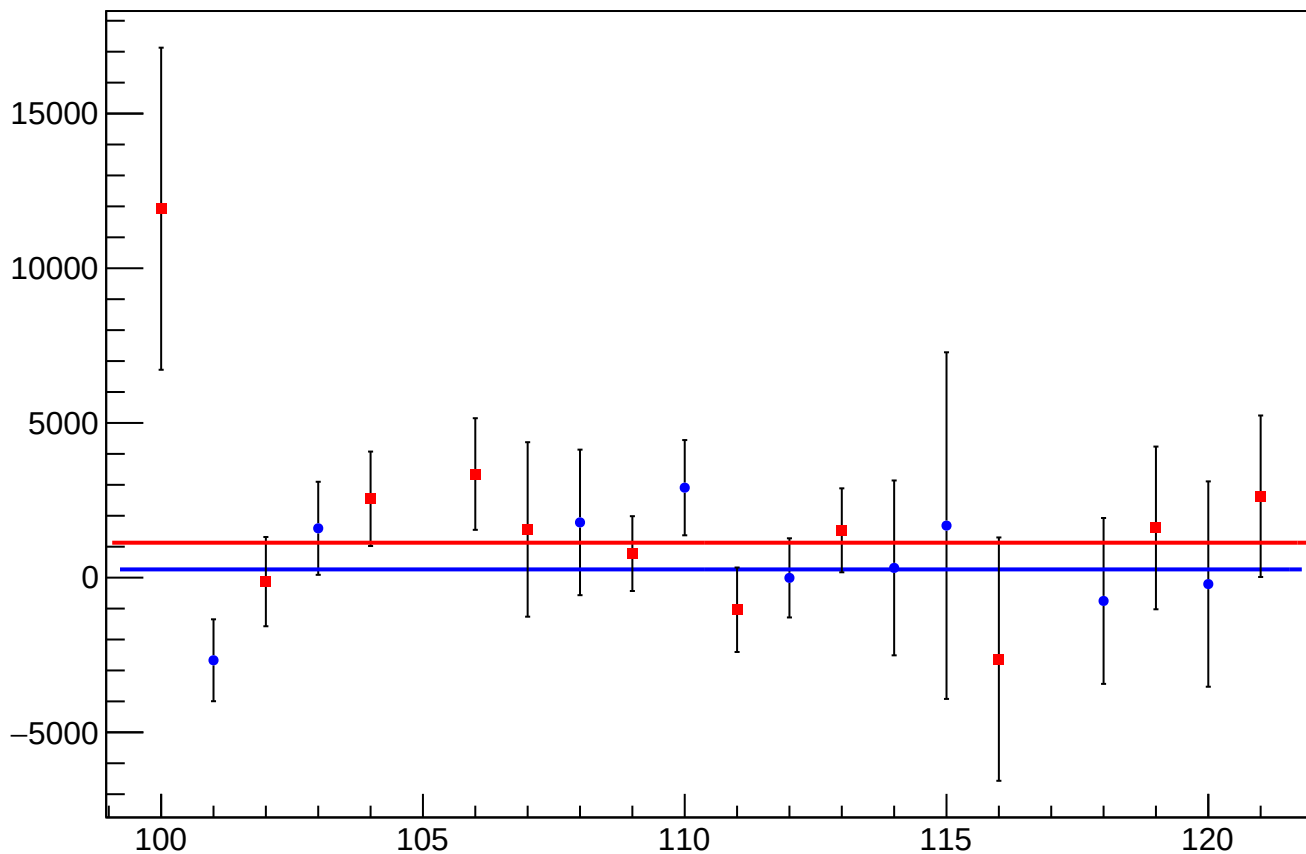
Right: 140.318+/-0.036 χ^2/NDF : 742247.4/19

In: 143.833+/-0.055 χ^2/NDF : 352850.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.318+/-0.036 χ^2/NDF : 742247.4/19

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 265.903+/-618.569 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.028+/-534.553 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

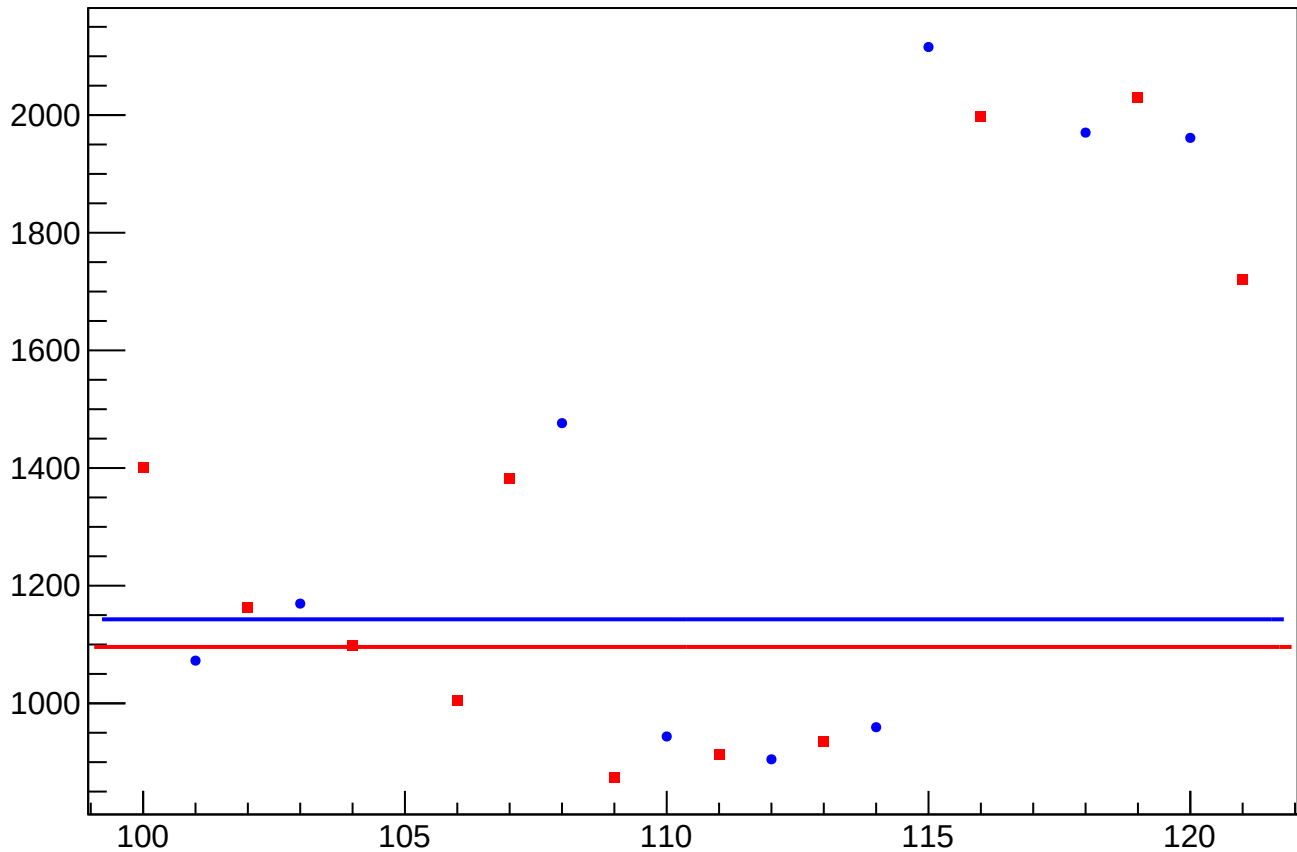
Right: 760.020+/-404.454 χ^2/NDF : 21.9/19

In: 265.903+/-618.569 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.020+/-404.454 χ^2/NDF : 21.9/19

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.826+/-0.437 χ^2/NDF : 530037.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.867+/-0.378 χ^2/NDF : 639614.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

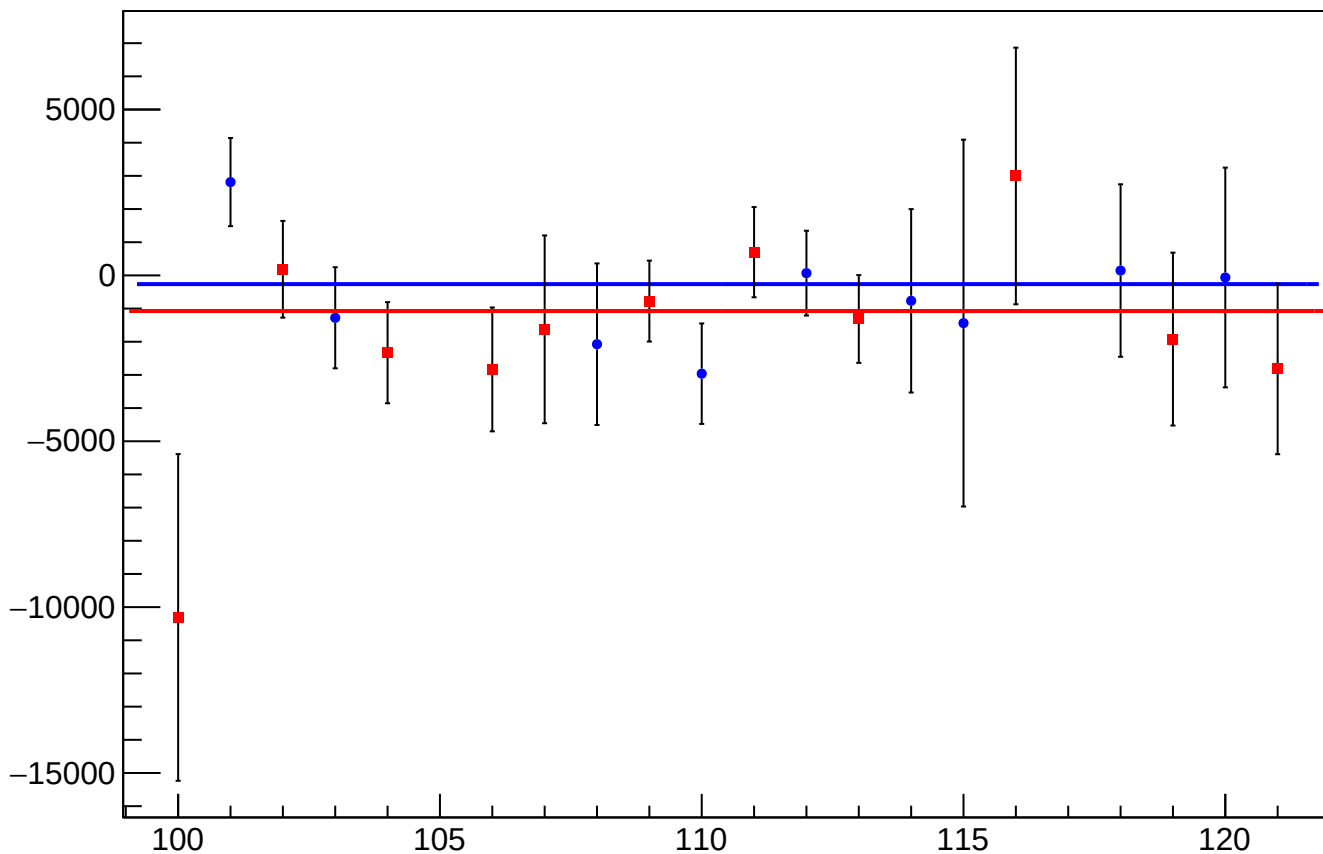
Right: 1115.943+/-0.286 χ^2/NDF : 1176249.8/19

In: 1142.826+/-0.437 χ^2/NDF : 530037.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.943+/-0.286 χ^2/NDF : 1176249.8/19

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -263.173+/-618.191 χ^2 /NDF: 9.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1073.039+/-534.218 χ^2 /NDF: 9.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

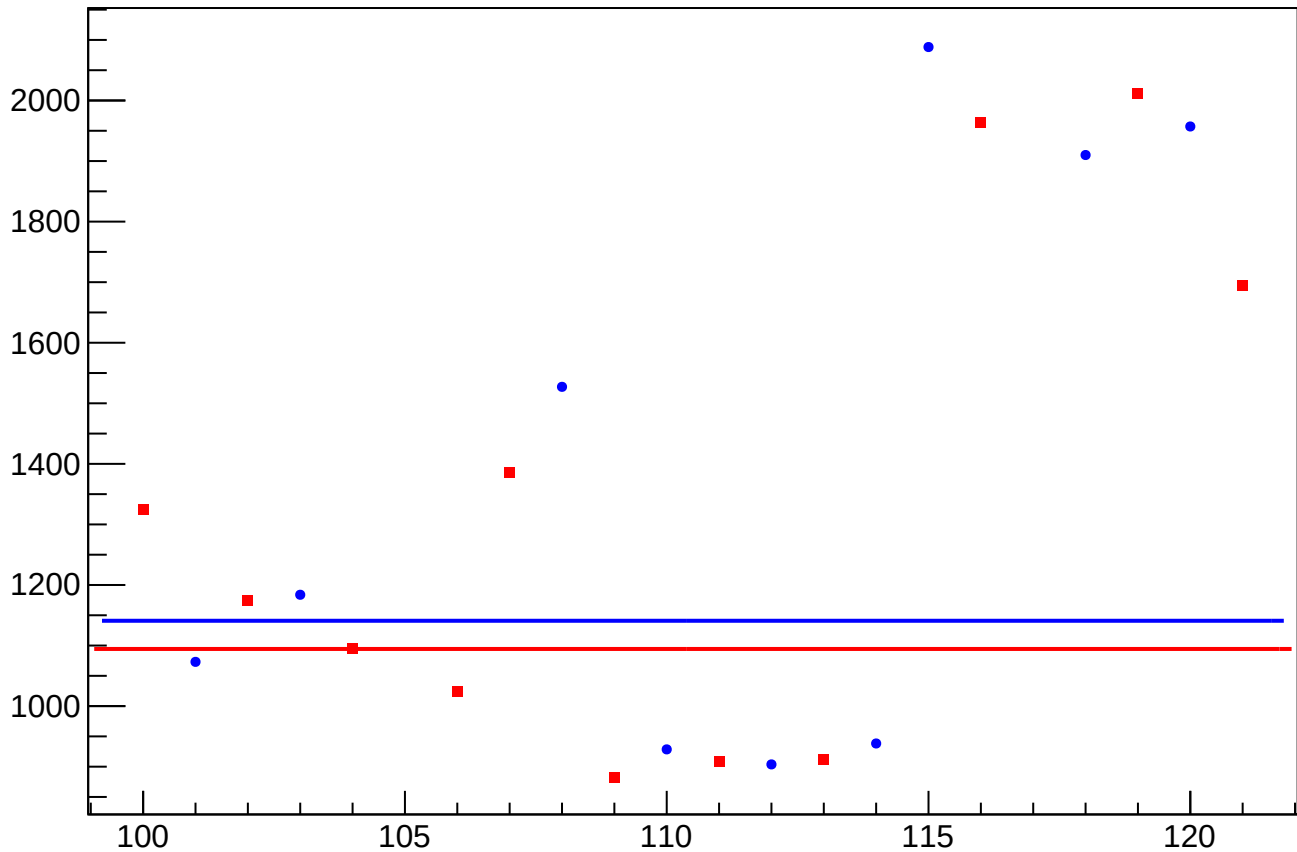
Right: -726.807+/-404.203 χ^2 /NDF: 20.0/19

In: -263.173+/-618.191 χ^2 /NDF:9.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -726.807+/-404.203 χ^2 /NDF: 20.0/19

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1140.917+/-0.437 χ^2/NDF : 531286.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1094.368+/-0.378 χ^2/NDF : 627873.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

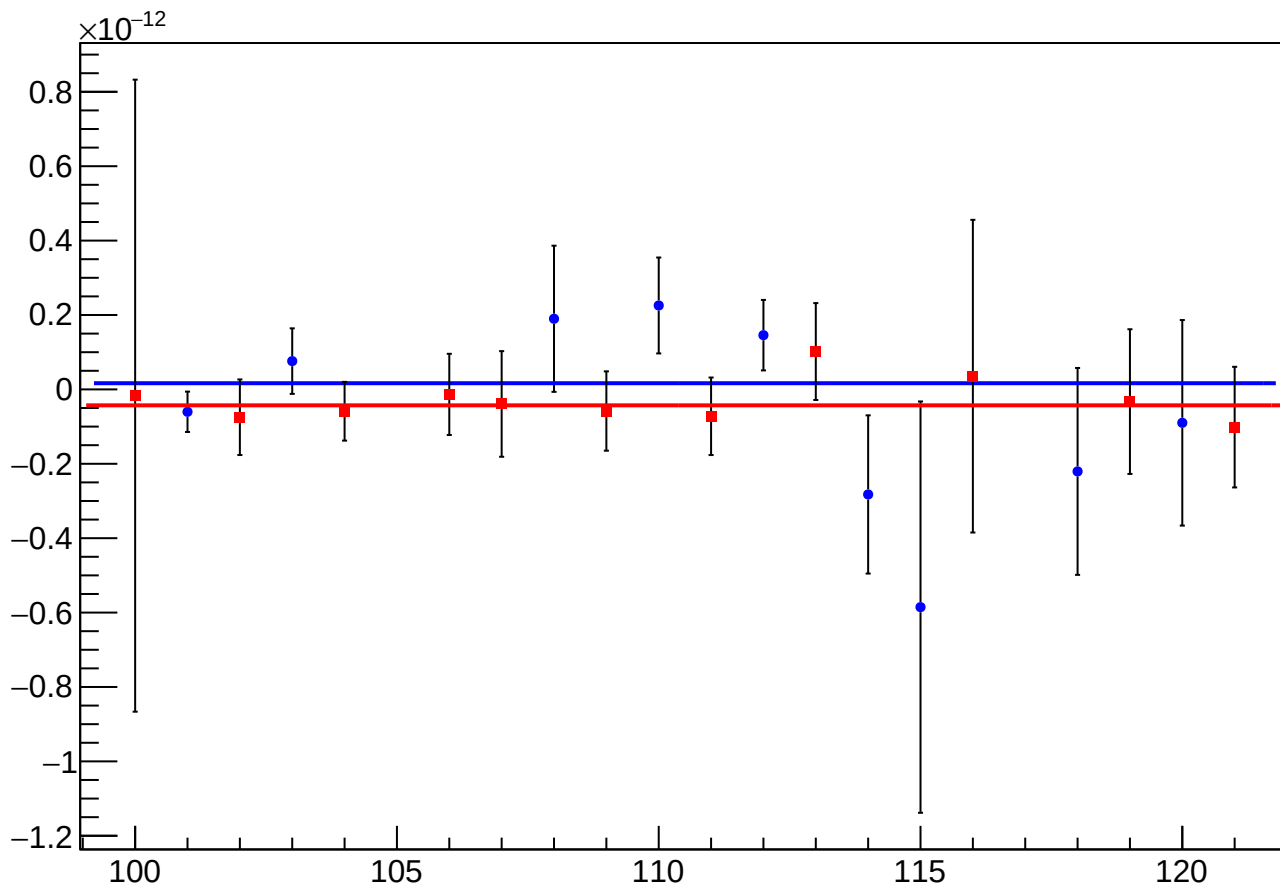
Right: 1114.269+/-0.286 χ^2/NDF : 1165651.7/19

In: 1140.917+/-0.437 χ^2/NDF : 531286.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.269+/-0.286 χ^2/NDF : 1165651.7/19

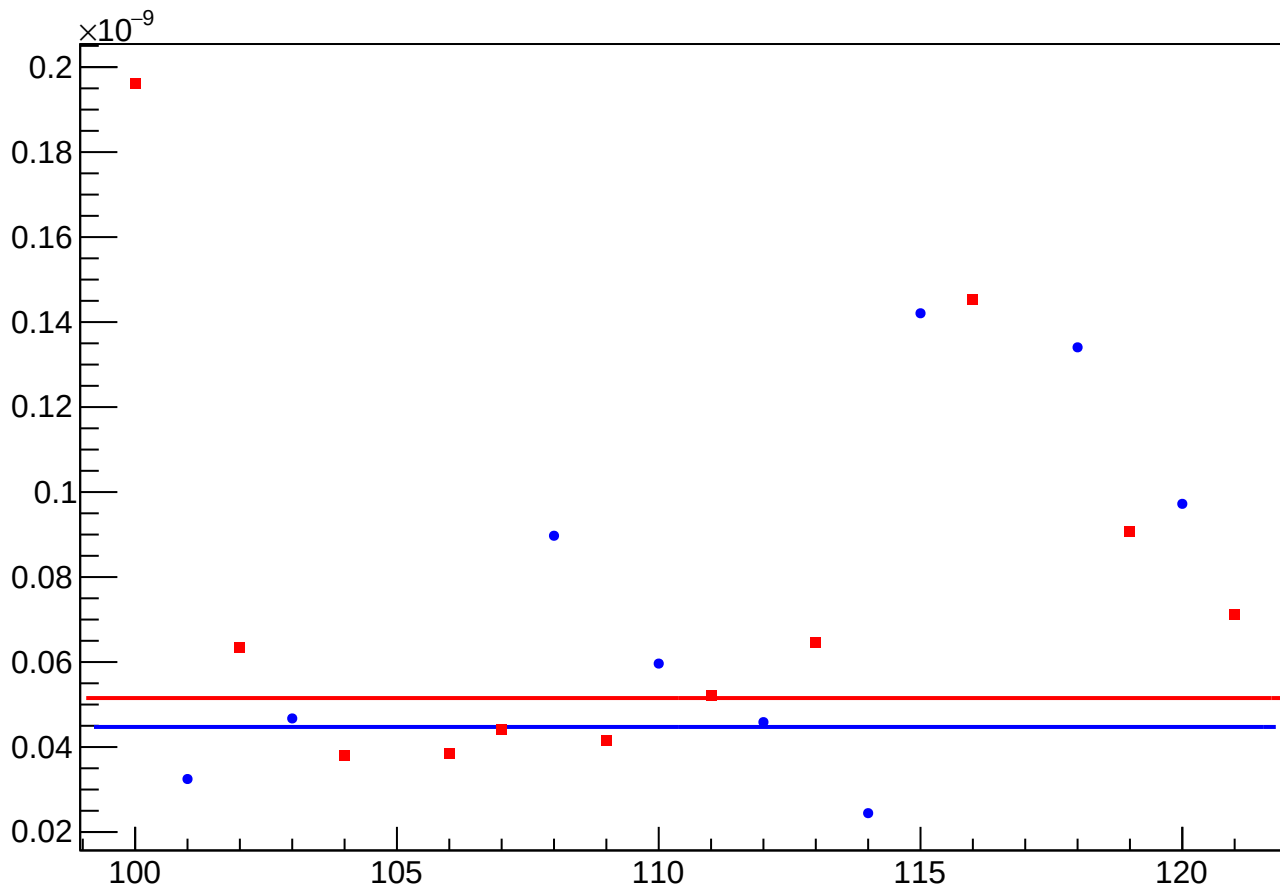
asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 14.7/19
 In: 0.000+/-0.000 χ^2/NDF : 11.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 14.7/19

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 593688.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 425607.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

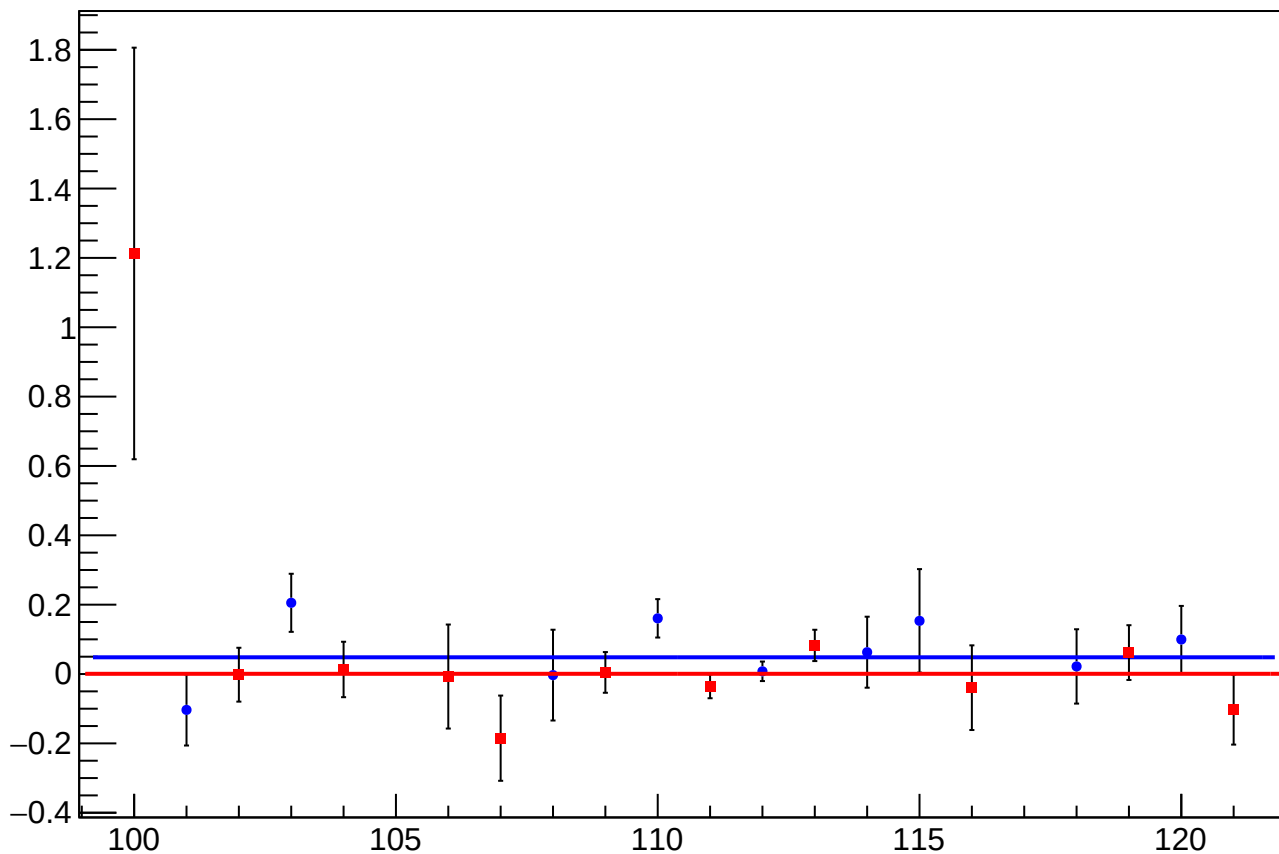
Right: 0.000+/-0.000 χ^2/NDF : 1052099.8/19

In: 0.000+/-0.000 χ^2/NDF : 593688.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1052099.8/19

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.021 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.020 χ^2 /NDF: 12.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

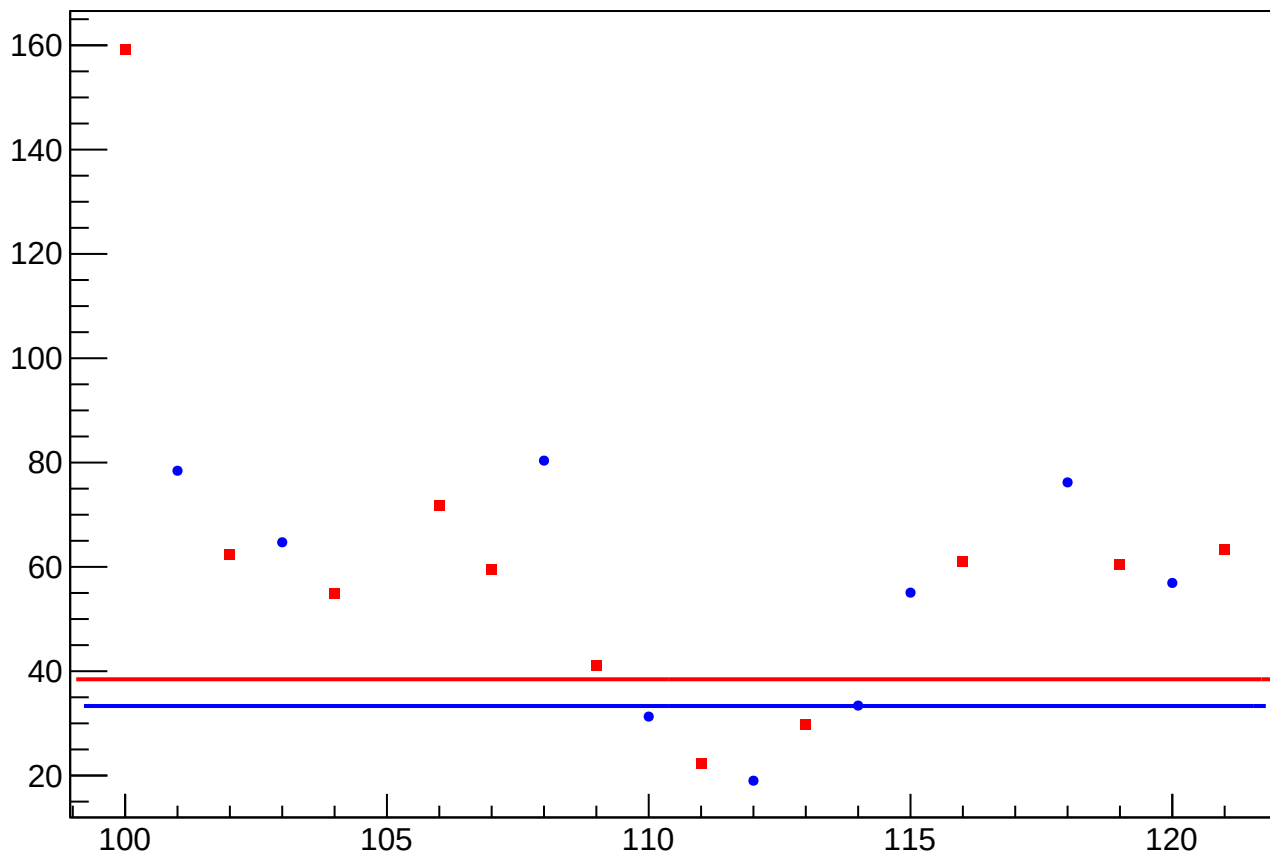
Right: 0.024 $\pm$ 0.015 χ^2 /NDF: 28.1/19

In: 0.048 $\pm$ 0.021 χ^2 /NDF:12.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.015 χ^2 /NDF: 28.1/19

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.452+/-0.014 χ^2/NDF : 1384430.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

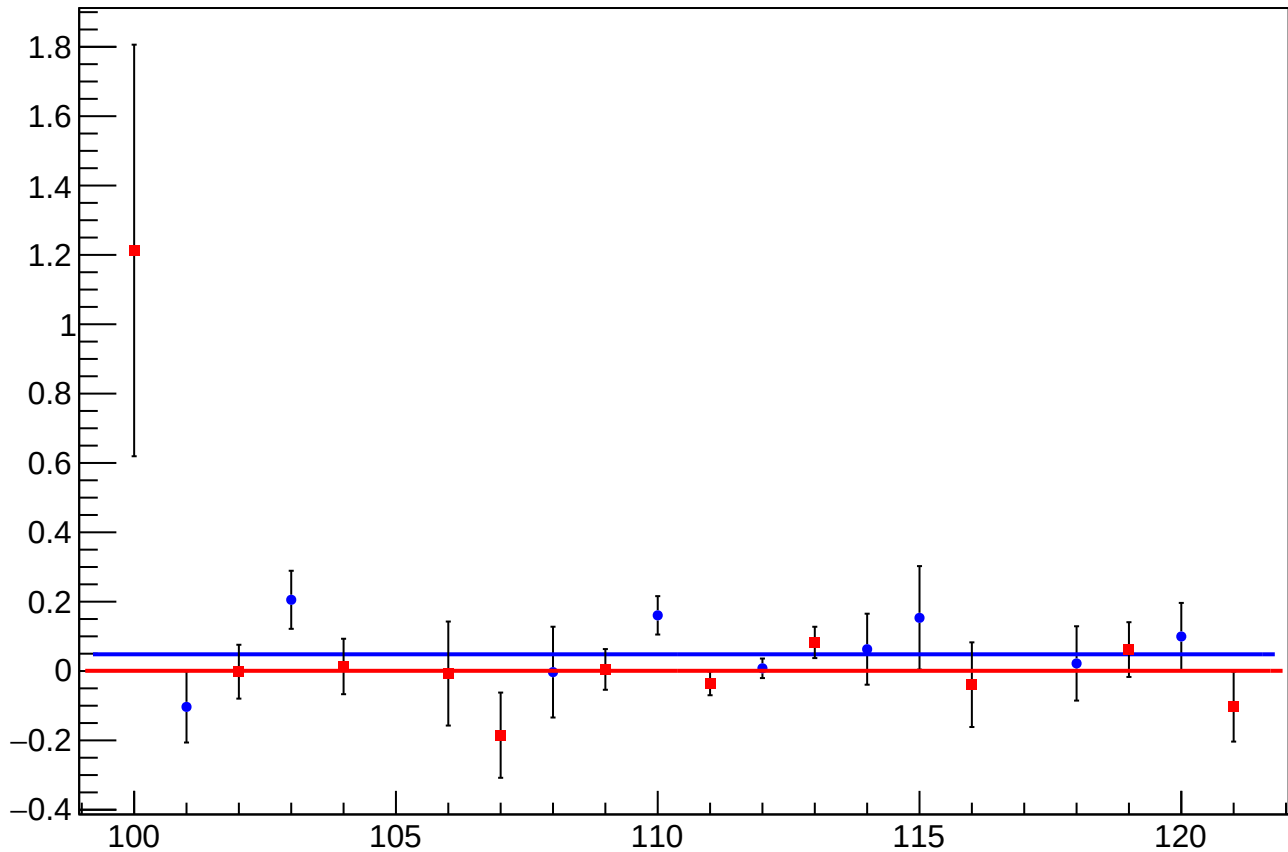
Right: 35.986+/-0.010 χ^2/NDF : 3371006.5/19

In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.986+/-0.010 χ^2/NDF : 3371006.5/19

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.021 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.020 χ^2 /NDF: 12.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

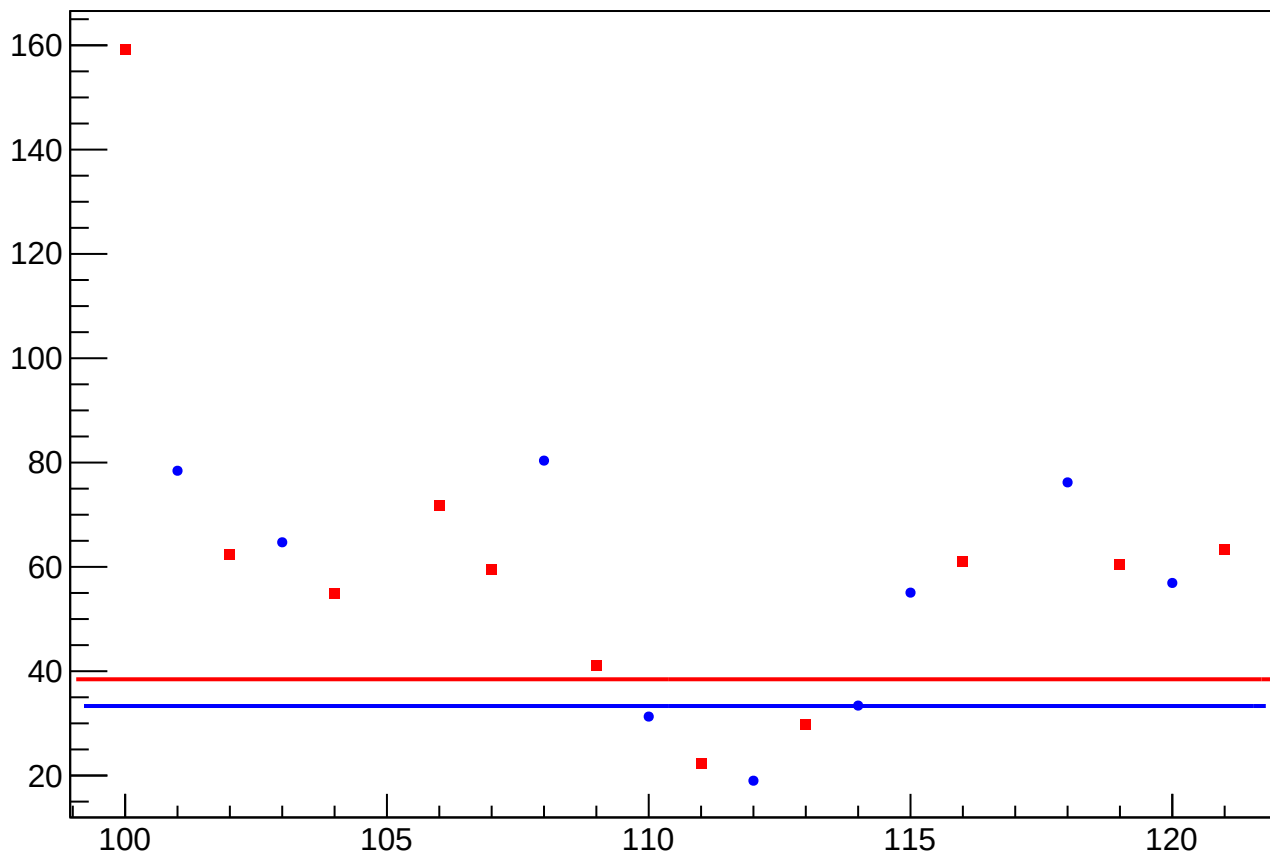
Right: 0.024 $\pm$ 0.015 χ^2 /NDF: 28.1/19

In: 0.048 $\pm$ 0.021 χ^2 /NDF:12.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.015 χ^2 /NDF: 28.1/19

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.452+/-0.014 χ^2/NDF : 1384430.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

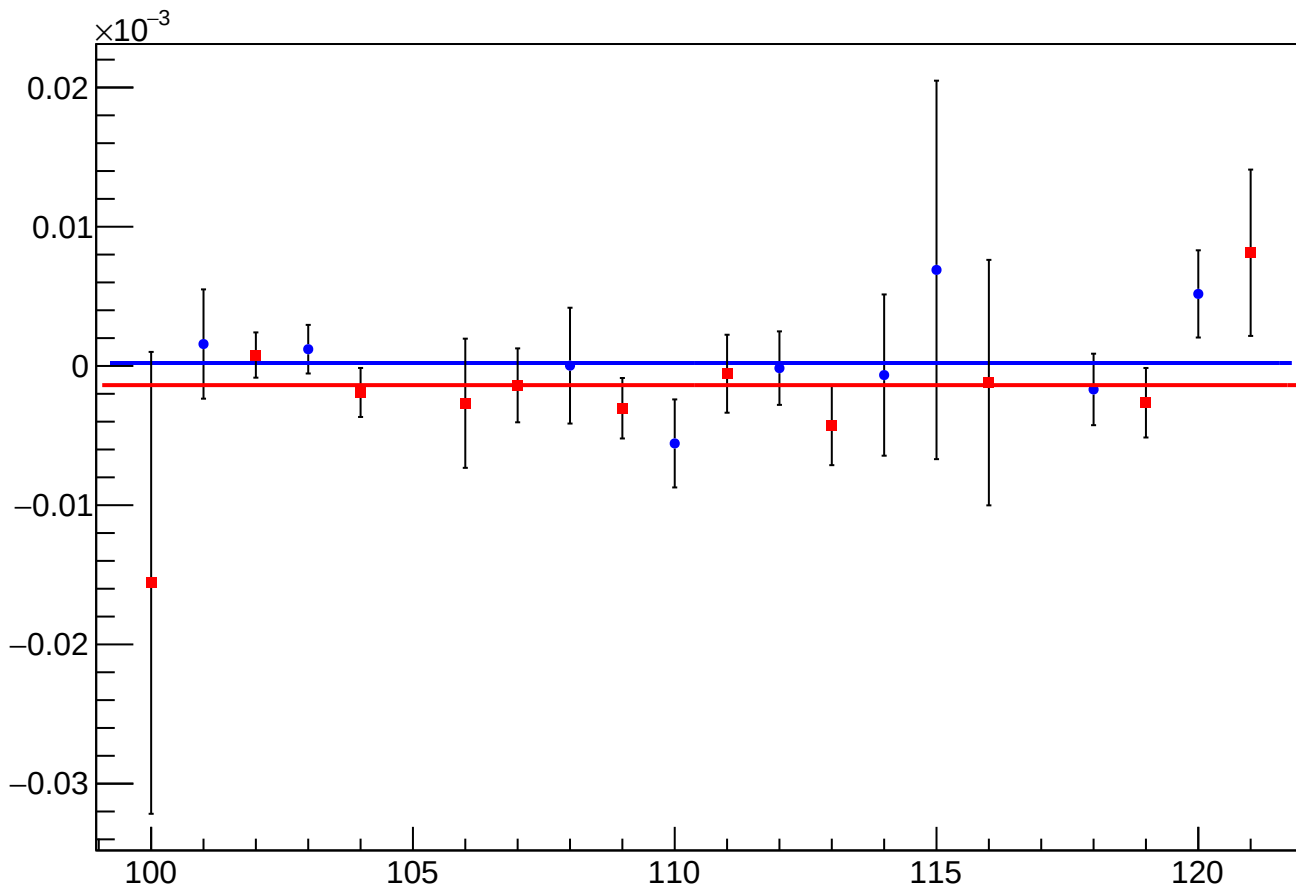
Right: 35.986+/-0.010 χ^2/NDF : 3371006.5/19

In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.986+/-0.010 χ^2/NDF : 3371006.5/19

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

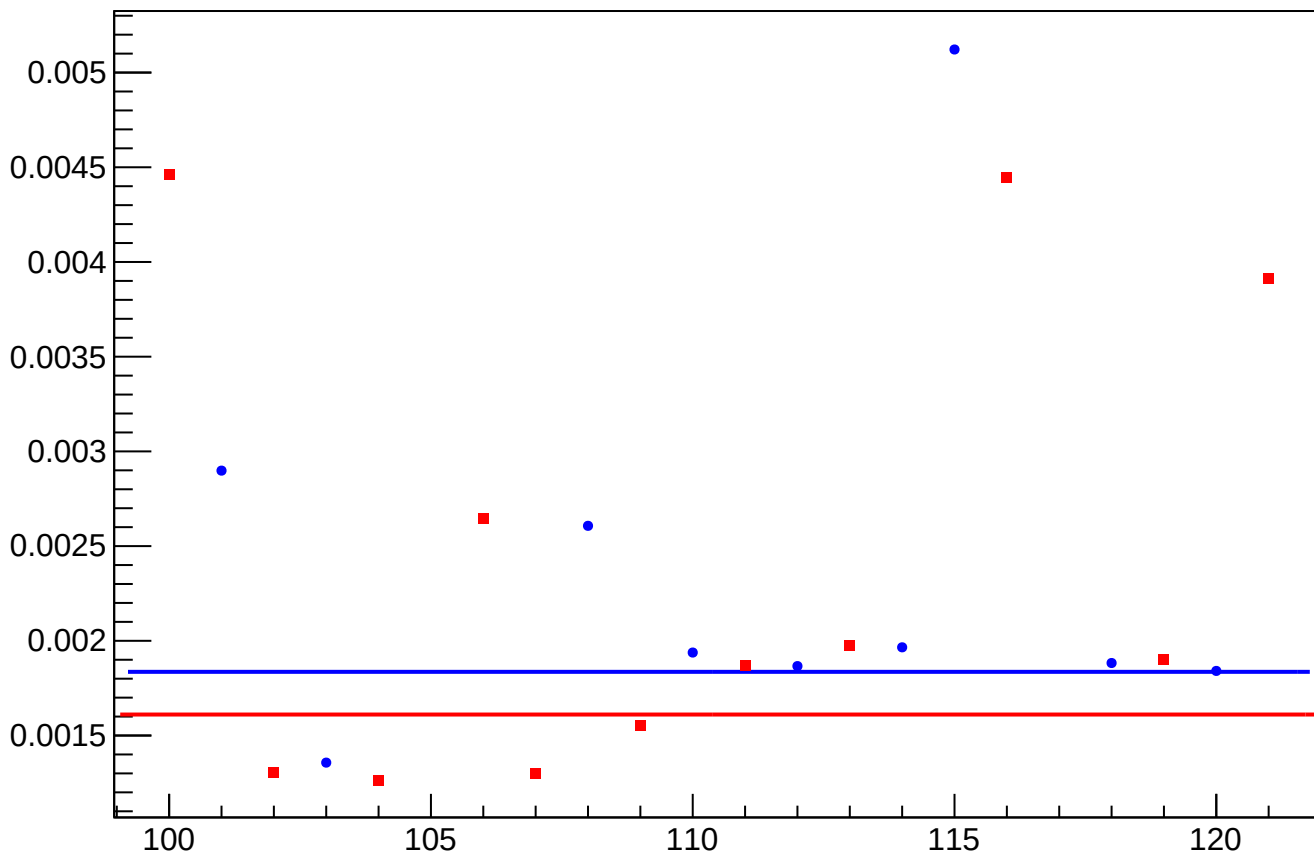
Right: -0.000+/-0.000 χ^2/NDF : 15.8/19

In: 0.000+/-0.000 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.8/19

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 486851.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 916858.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

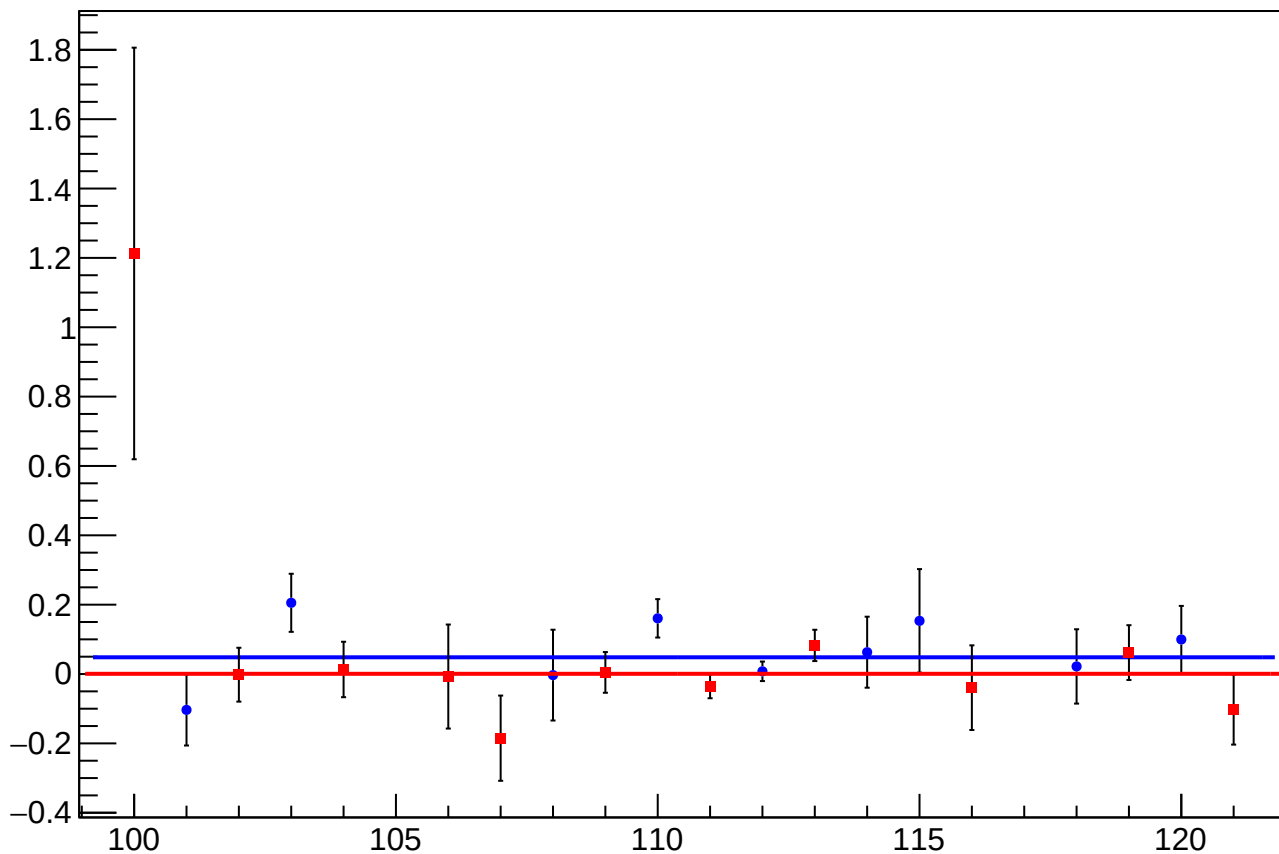
Right: 0.002+/-0.000 χ^2/NDF : 1464941.5/19

In: 0.002+/-0.000 χ^2/NDF : 486851.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1464941.5/19

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.021 χ^2/NDF : 12.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.020 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

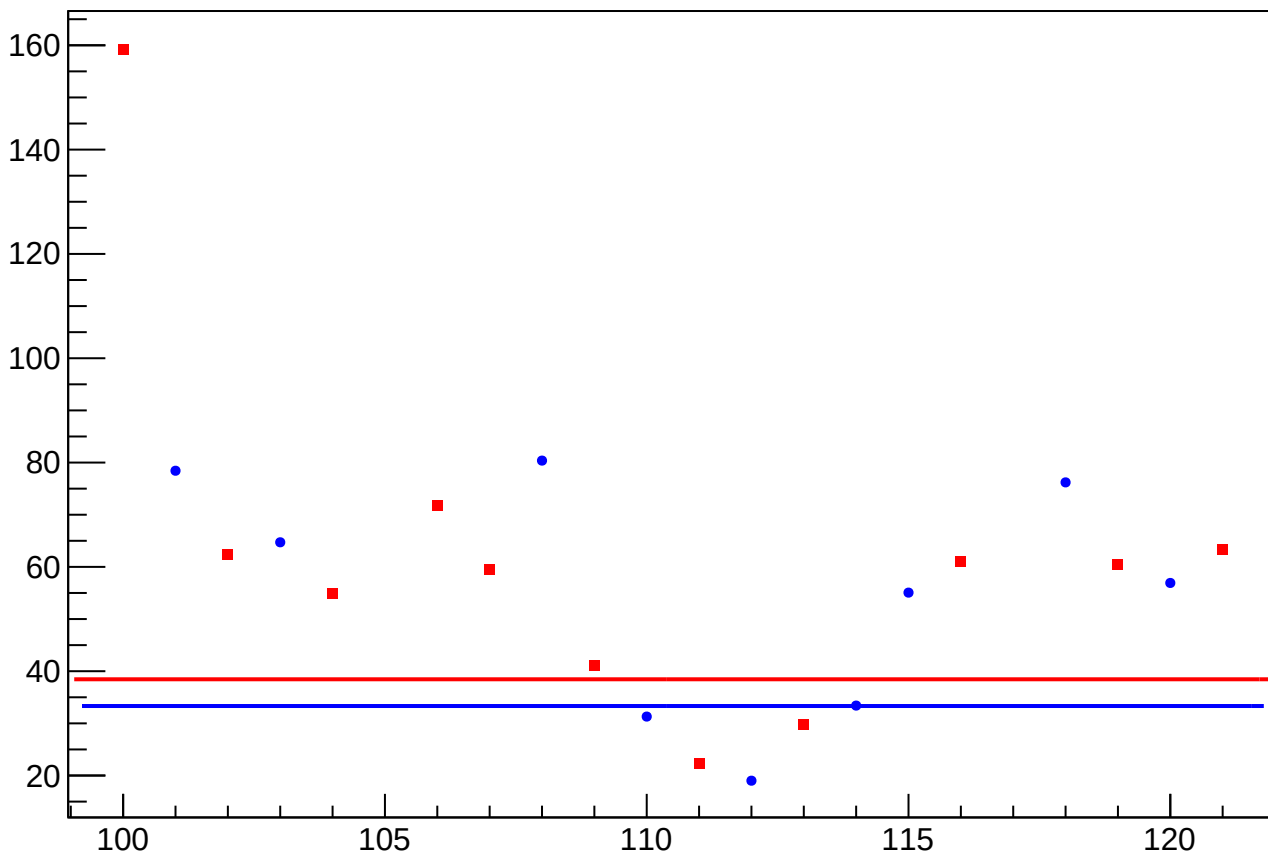
Right: 0.024+/-0.015 χ^2/NDF : 28.1/19

In: 0.048+/-0.021 χ^2/NDF : 12.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.015 χ^2/NDF : 28.1/19

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.451+/-0.014 χ^2/NDF : 1384537.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

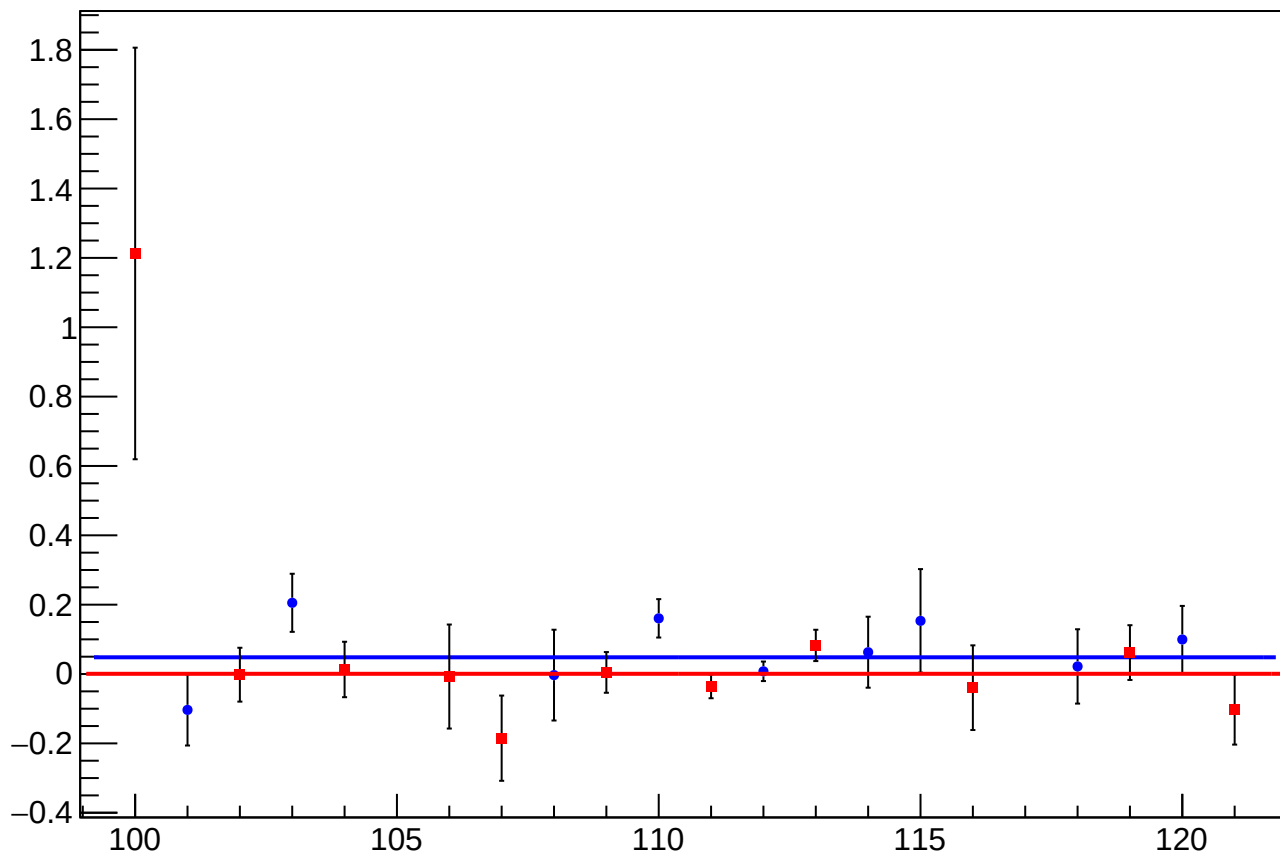
Right: 35.985+/-0.010 χ^2/NDF : 3371214.5/19

In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.985+/-0.010 χ^2/NDF : 3371214.5/19

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.021 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.020 χ^2 /NDF: 12.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

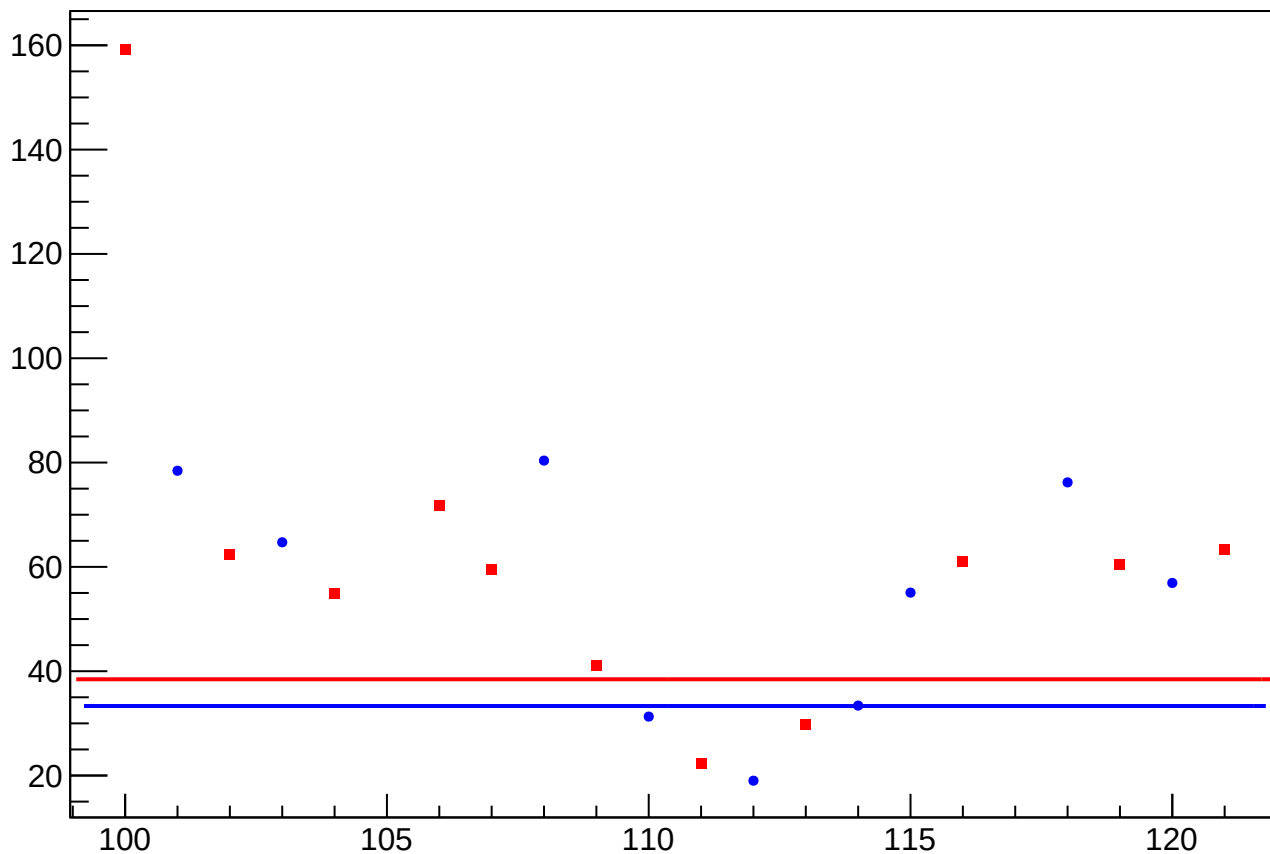
Right: 0.024 $\pm$ 0.015 χ^2 /NDF: 28.1/19

In: 0.048 $\pm$ 0.021 χ^2 /NDF:12.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.015 χ^2 /NDF: 28.1/19

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.451+/-0.014 χ^2/NDF : 1384537.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

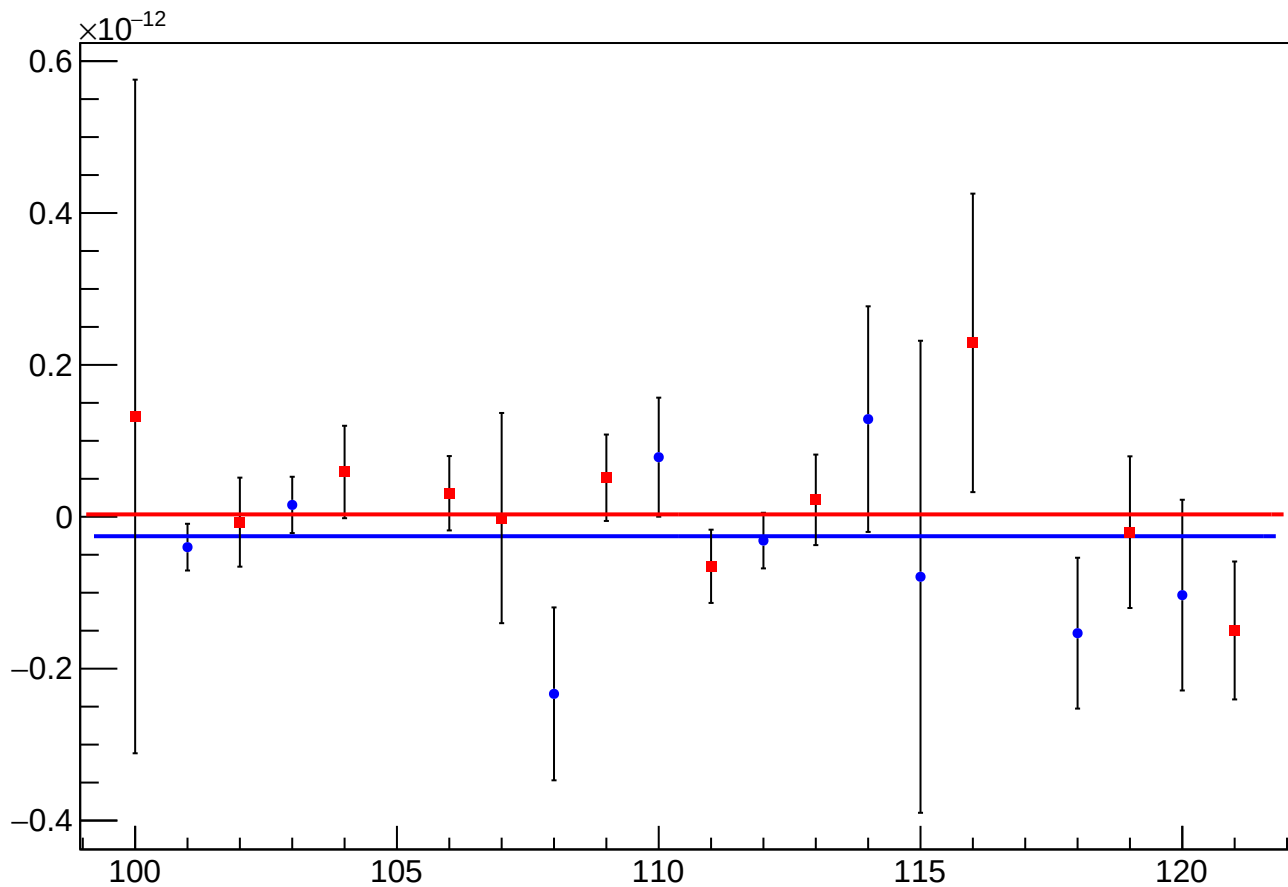
Right: 35.985+/-0.010 χ^2/NDF : 3371214.5/19

In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.985+/-0.010 χ^2/NDF : 3371214.5/19

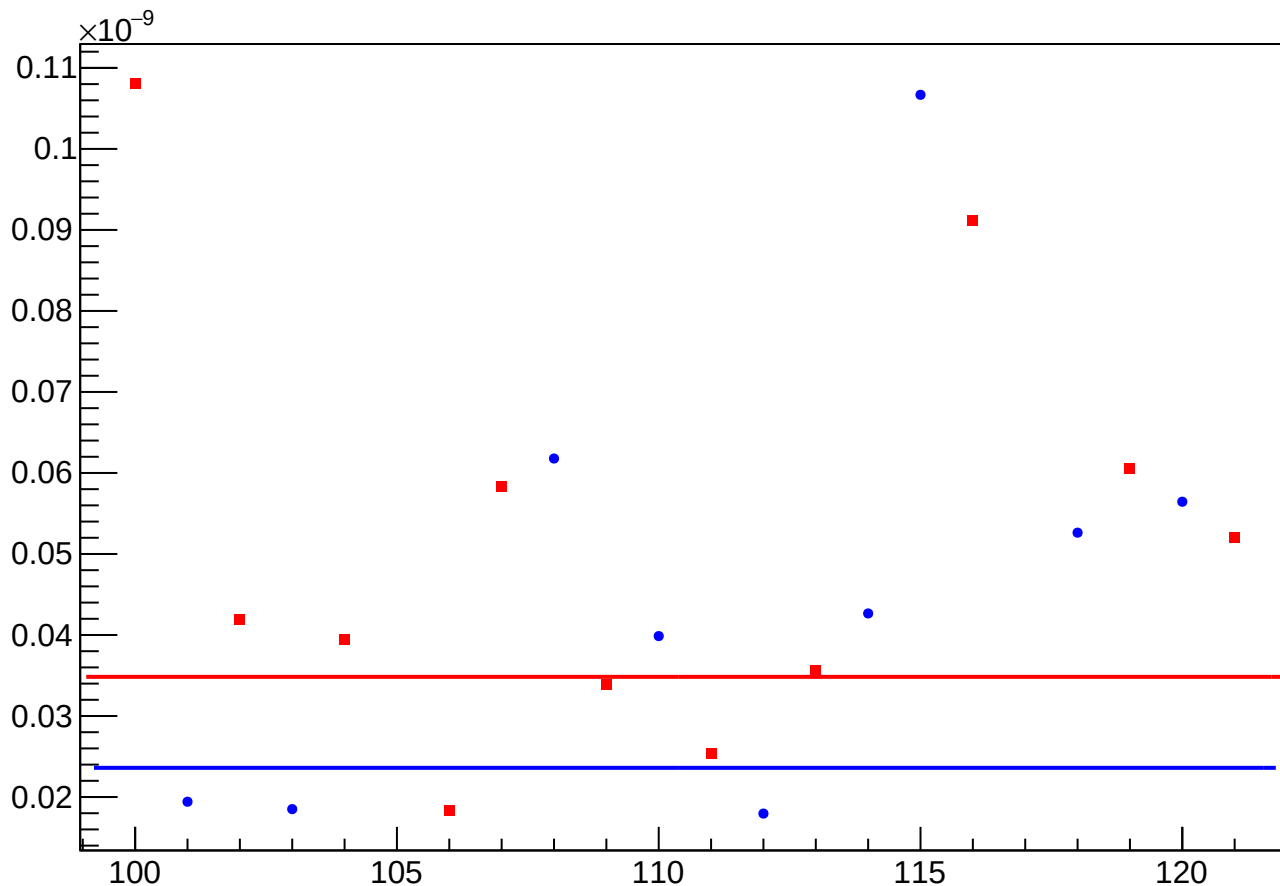
asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 19.1/19
 In: -0.000+/-0.000 χ^2/NDF : 9.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 19.1/19

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 917040.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 827629.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

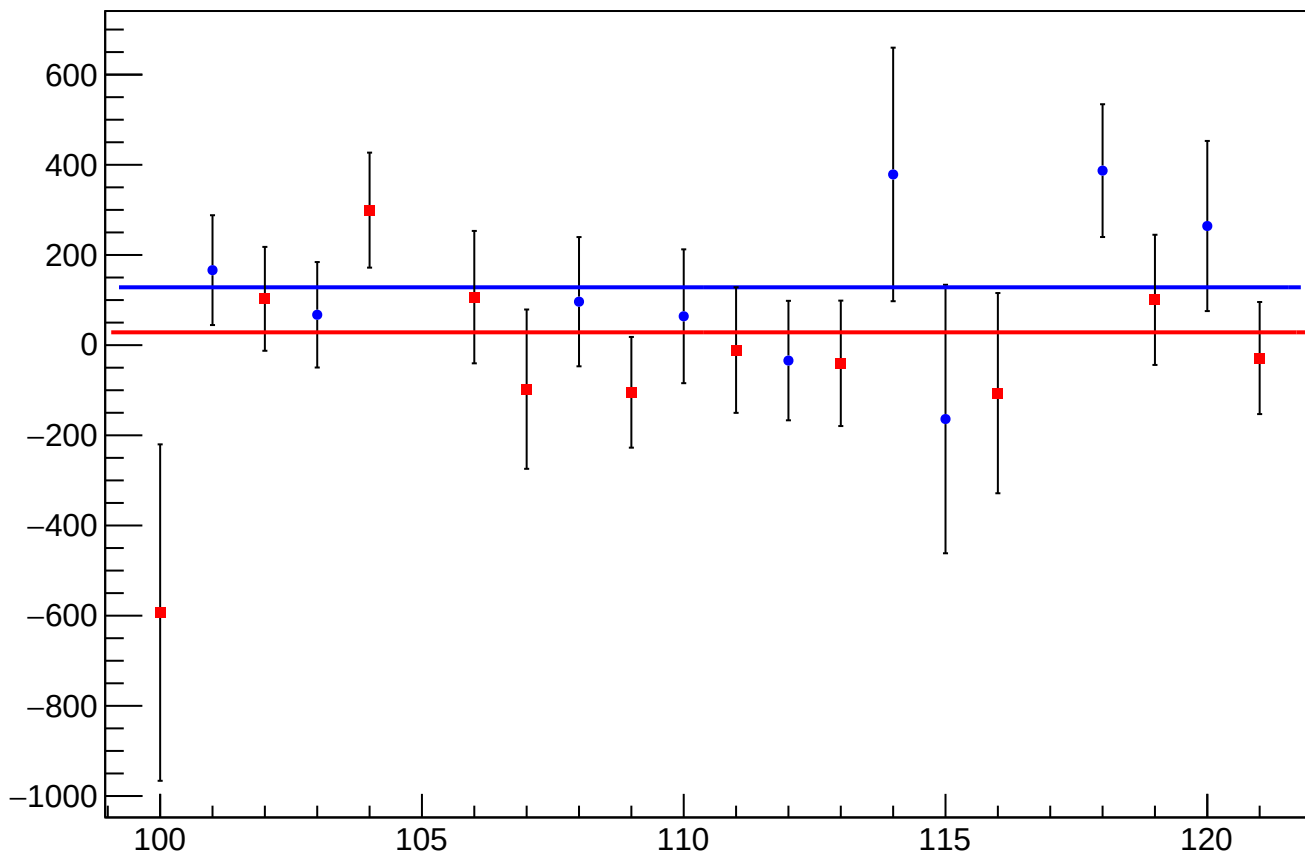
Right: 0.000+/-0.000 χ^2/NDF : 2072873.4/19

In: 0.000+/-0.000 χ^2/NDF : 917040.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2072873.4/19

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 128.317 $\pm$ 50.659 χ^2 /NDF: 7.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.441 $\pm$ 43.645 χ^2 /NDF: 10.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

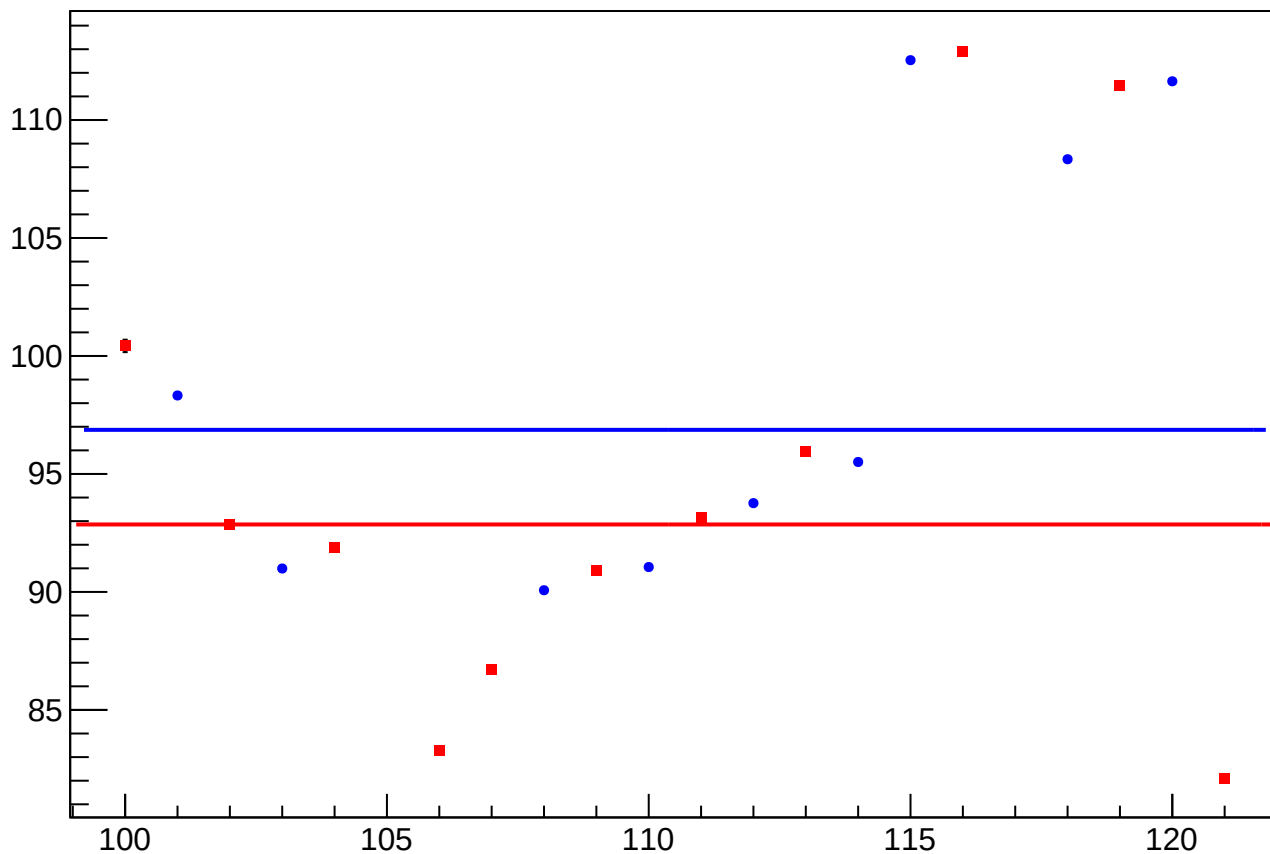
Right: 70.991 $\pm$ 33.066 χ^2 /NDF: 20.5/19

In: 128.317 $\pm$ 50.659 χ^2 /NDF:7.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.991 $\pm$ 33.066 χ^2 /NDF: 20.5/19

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.859+/-0.031 χ^2/NDF : 77934.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

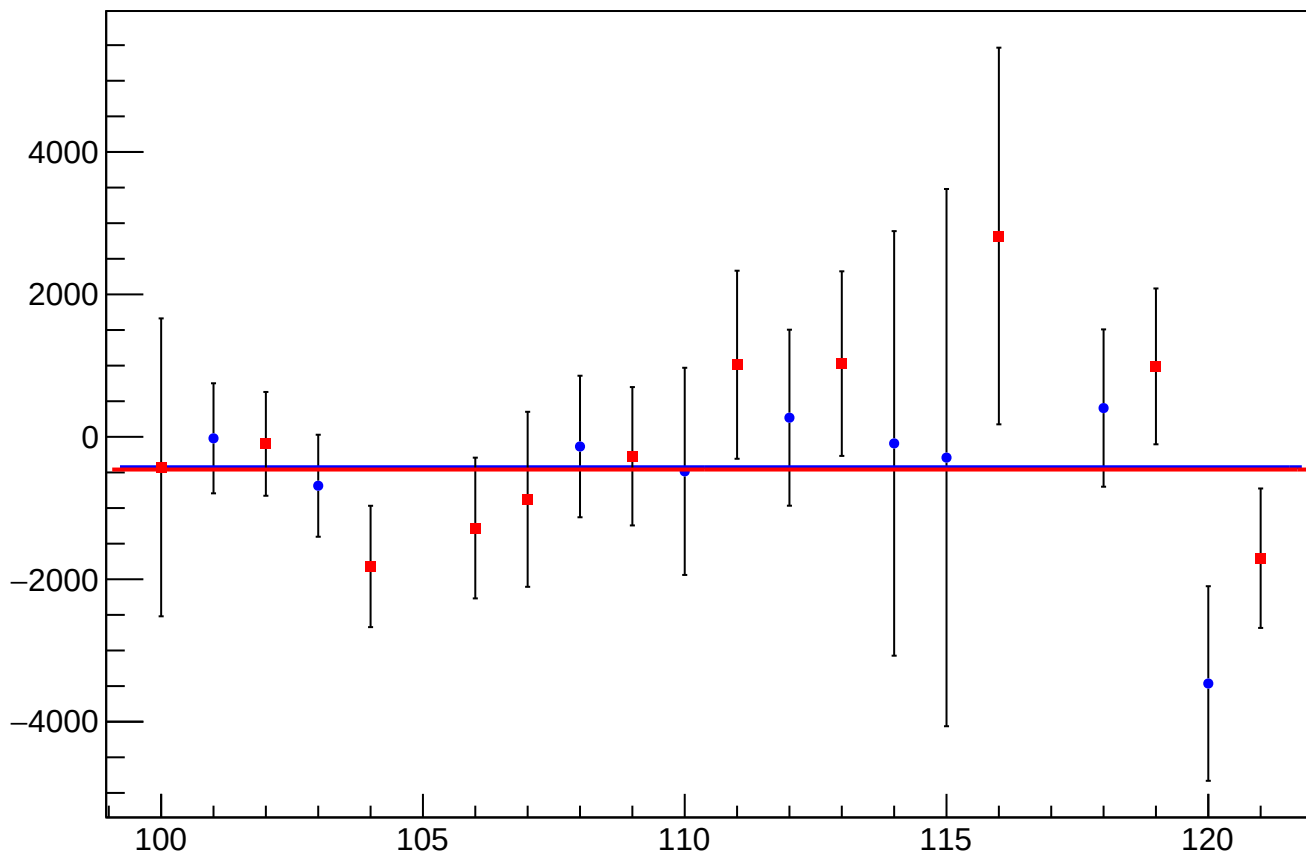
Right: 94.568+/-0.023 χ^2/NDF : 129097.5/19

In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.568+/-0.023 χ^2/NDF : 129097.5/19

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -427.143+/-370.040 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -459.140+/-325.717 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

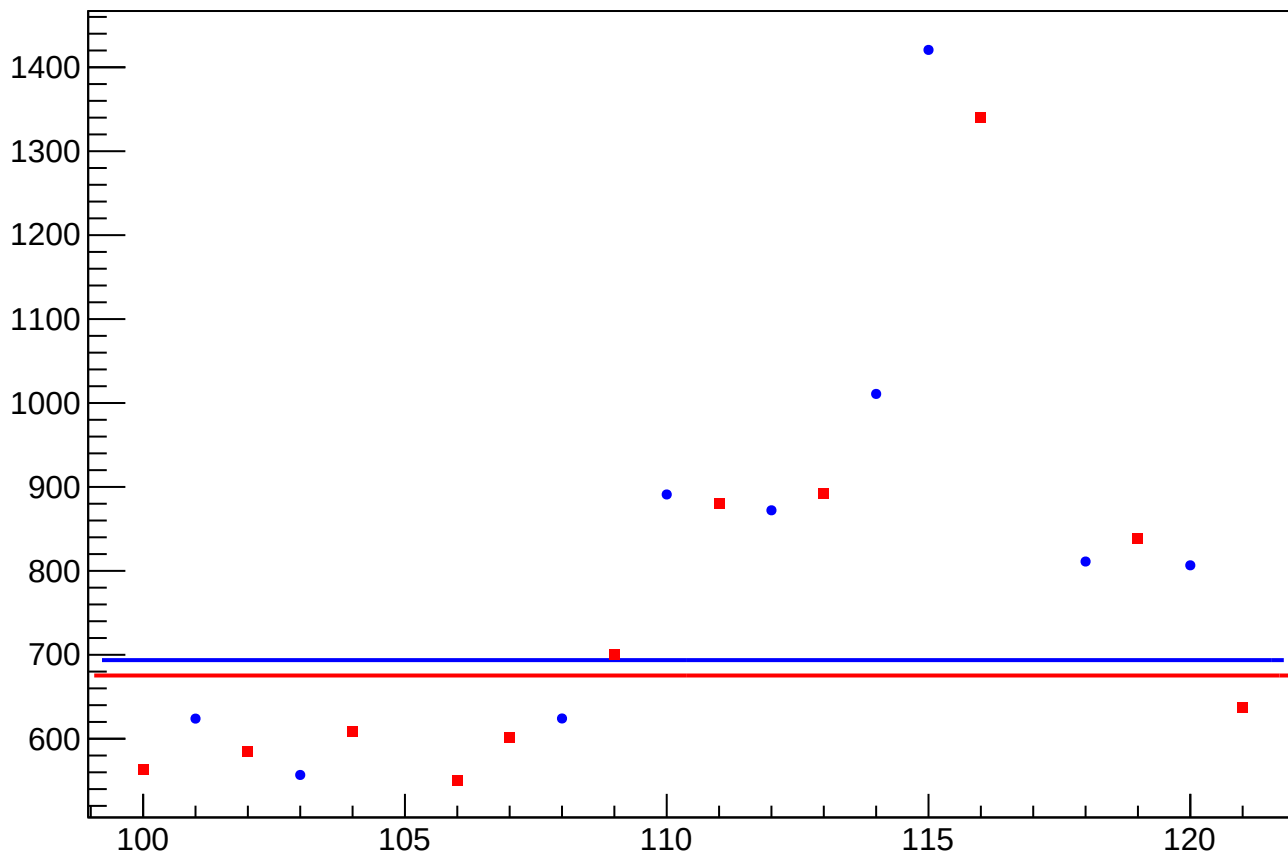
Right: -445.172+/-244.493 χ^2/NDF : 17.4/19

In: -427.143+/-370.040 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.172+/-244.493 χ^2/NDF : 17.4/19

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 693.664 $\pm$ 0.262 χ^2 /NDF: 310834.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 675.335 $\pm$ 0.230 χ^2 /NDF: 366465.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

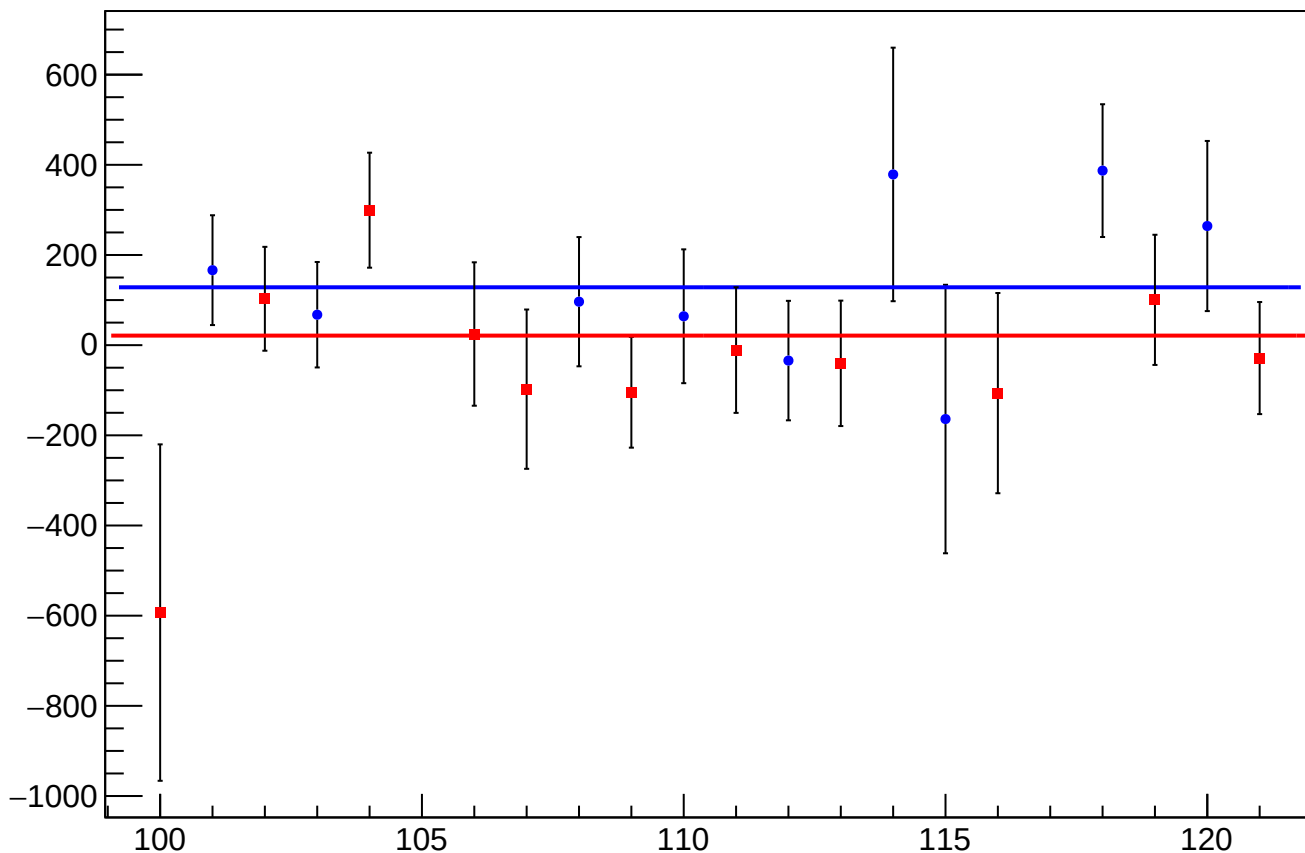
Right: 683.336 $\pm$ 0.173 χ^2 /NDF: 680064.3/19

In: 693.664 $\pm$ 0.262 χ^2 /NDF:310834.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 683.336 $\pm$ 0.173 χ^2 /NDF: 680064.3/19

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 128.358 $\pm$ 50.659 χ^2 /NDF: 7.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.184 $\pm$ 43.933 χ^2 /NDF: 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

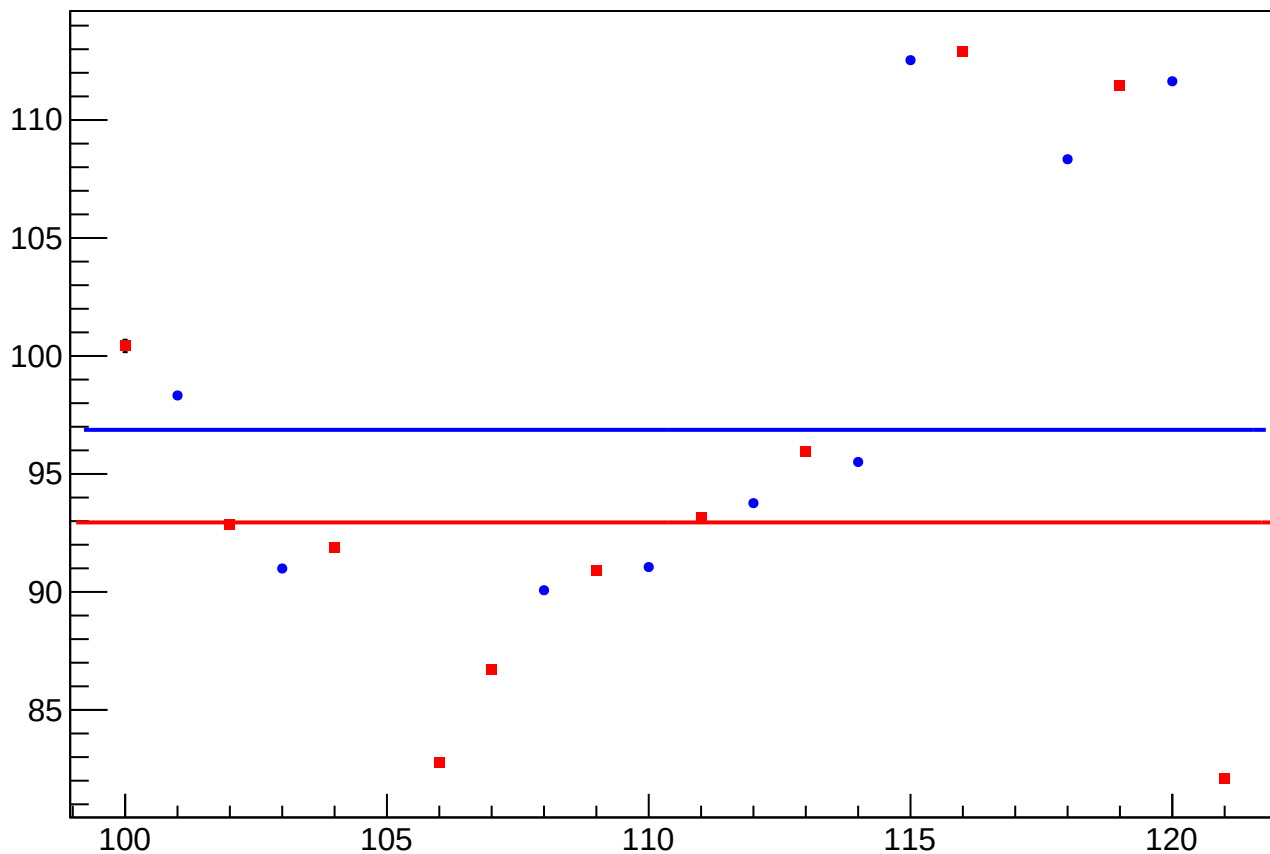
Right: 67.189 $\pm$ 33.190 χ^2 /NDF: 20.5/19

In: 128.358 $\pm$ 50.659 χ^2 /NDF:7.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.189 $\pm$ 33.190 χ^2 /NDF: 20.5/19

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.946+/-0.031 χ^2/NDF : 77504.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

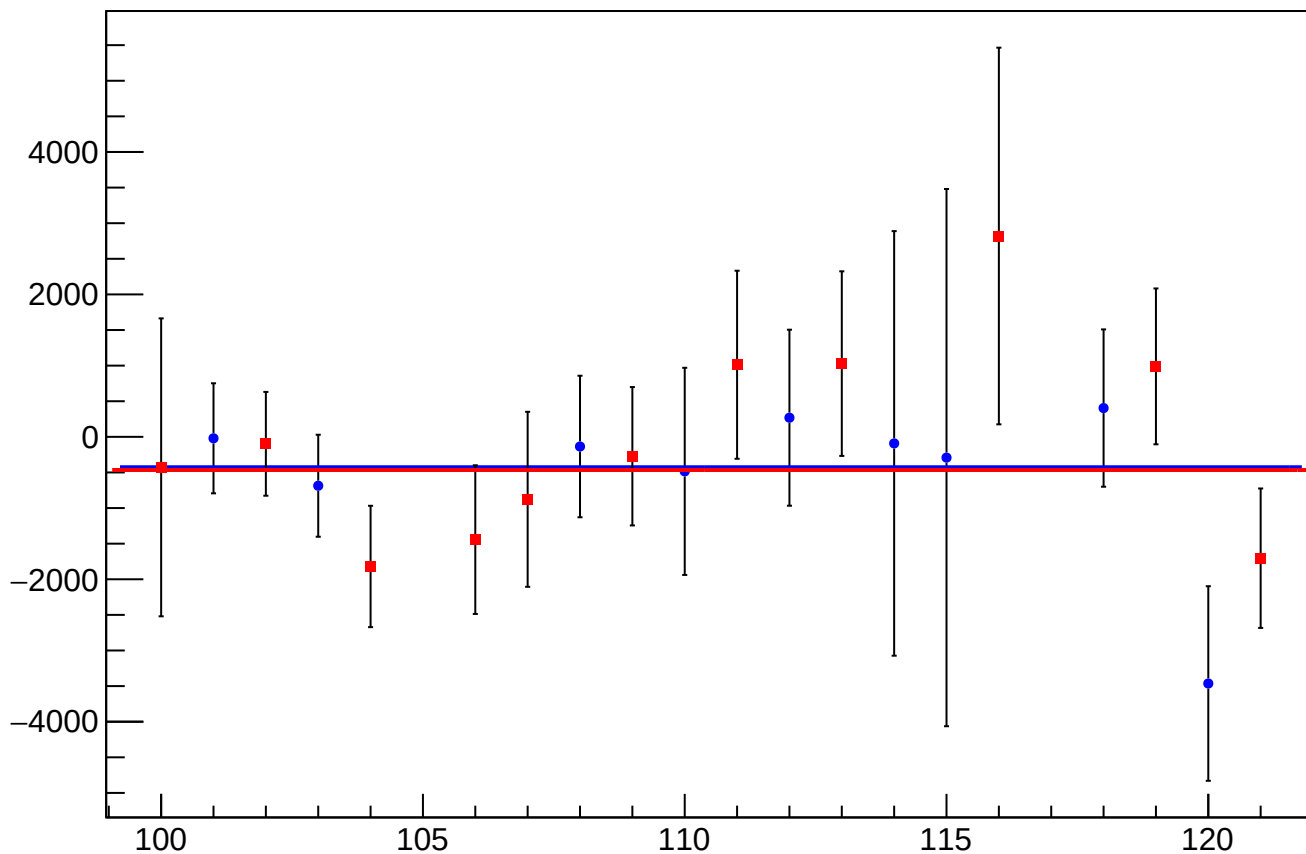
Right: 94.630+/-0.023 χ^2/NDF : 128321.9/19

In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.630+/-0.023 χ^2/NDF : 128321.9/19

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.137+/-370.040 χ^2 /NDF: 6.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -465.678+/-327.579 χ^2 /NDF: 11.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

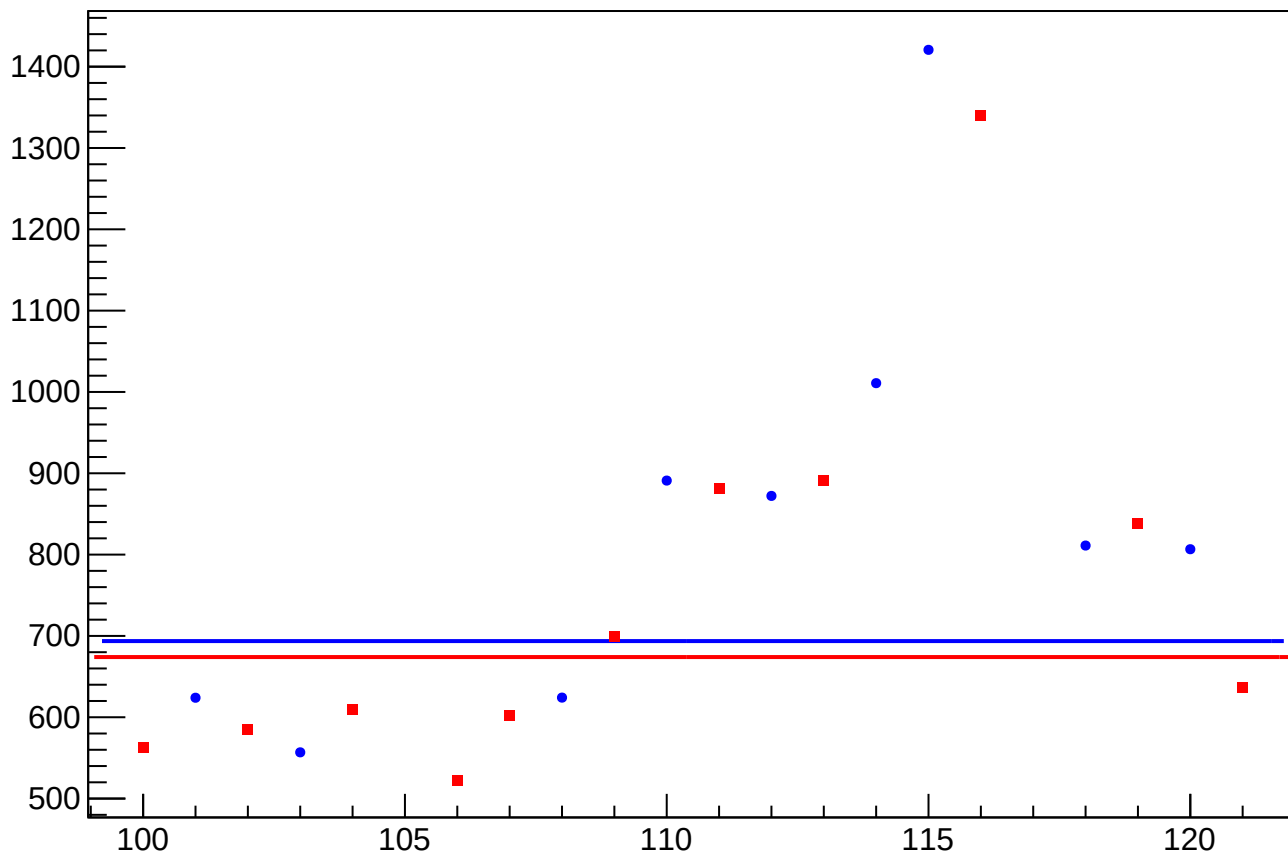
Right: -448.745+/-245.278 χ^2 /NDF: 17.6/19

In: -427.137+/-370.040 χ^2 /NDF:6.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -448.745+/-245.278 χ^2 /NDF: 17.6/19

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 674.018+/-0.232 χ^2/NDF : 377332.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

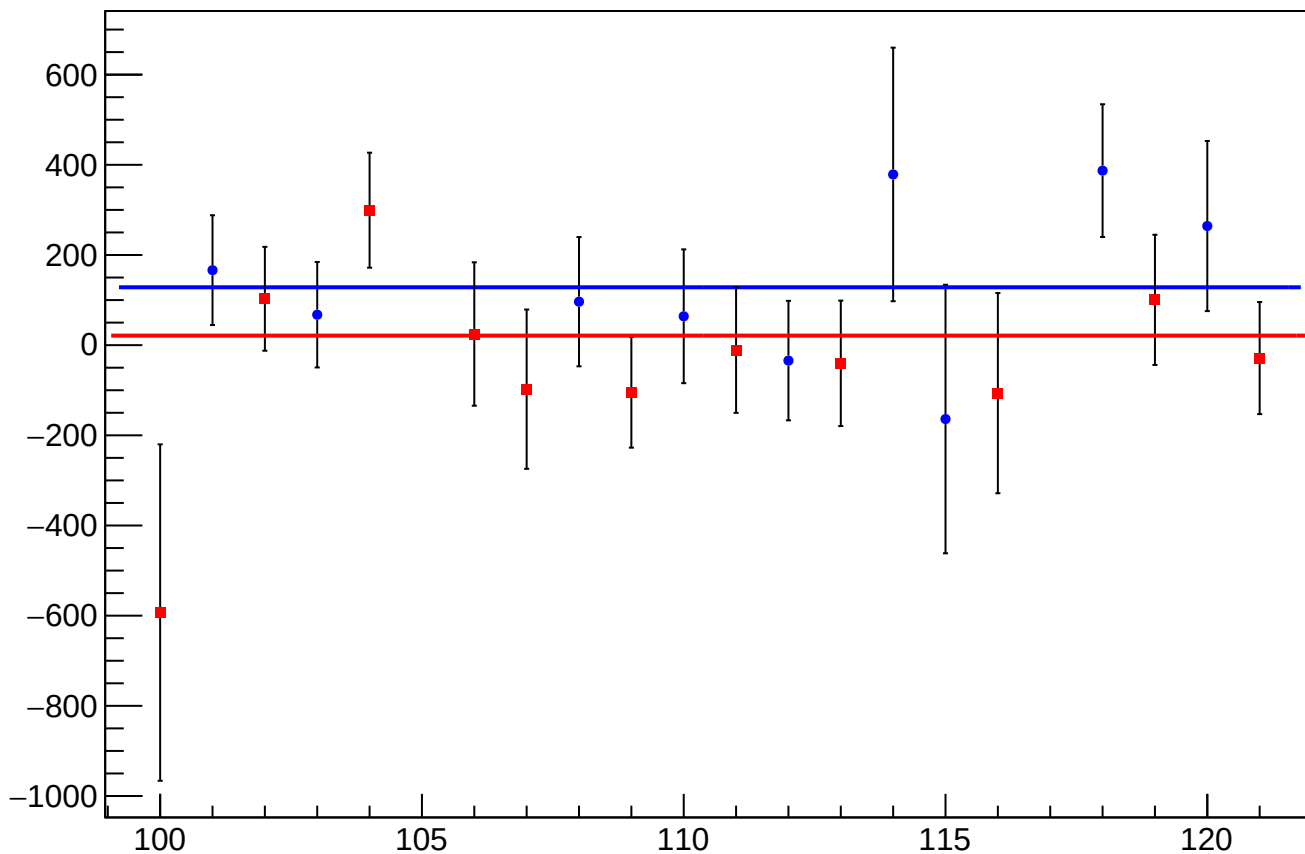
Right: 682.649+/-0.173 χ^2/NDF : 691330.2/19

In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.649+/-0.173 χ^2/NDF : 691330.2/19

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 128.358 $\pm$ 50.659 χ^2 /NDF: 7.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.184 $\pm$ 43.933 χ^2 /NDF: 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

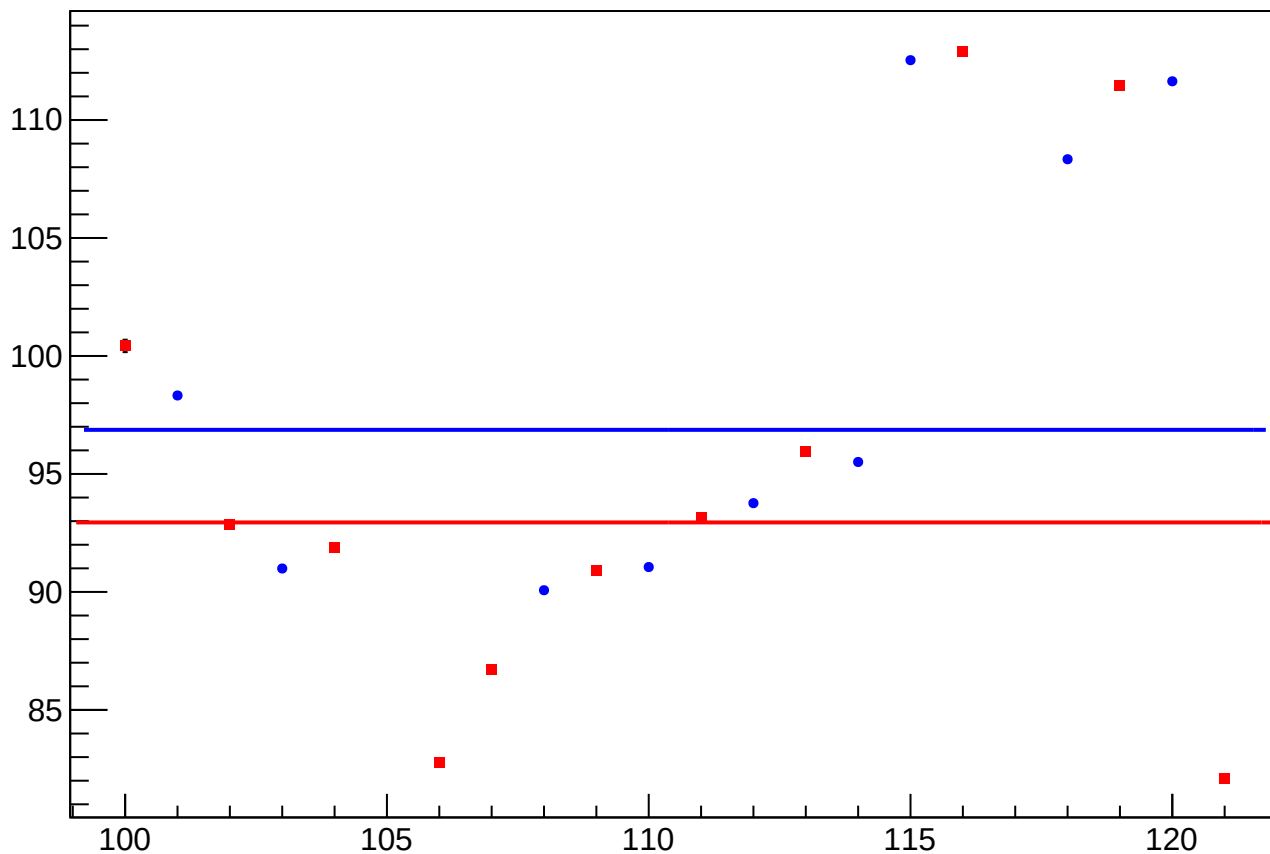
Right: 67.189 $\pm$ 33.190 χ^2 /NDF: 20.5/19

In: 128.358 $\pm$ 50.659 χ^2 /NDF:7.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.189 $\pm$ 33.190 χ^2 /NDF: 20.5/19

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.946+/-0.031 χ^2/NDF : 77504.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

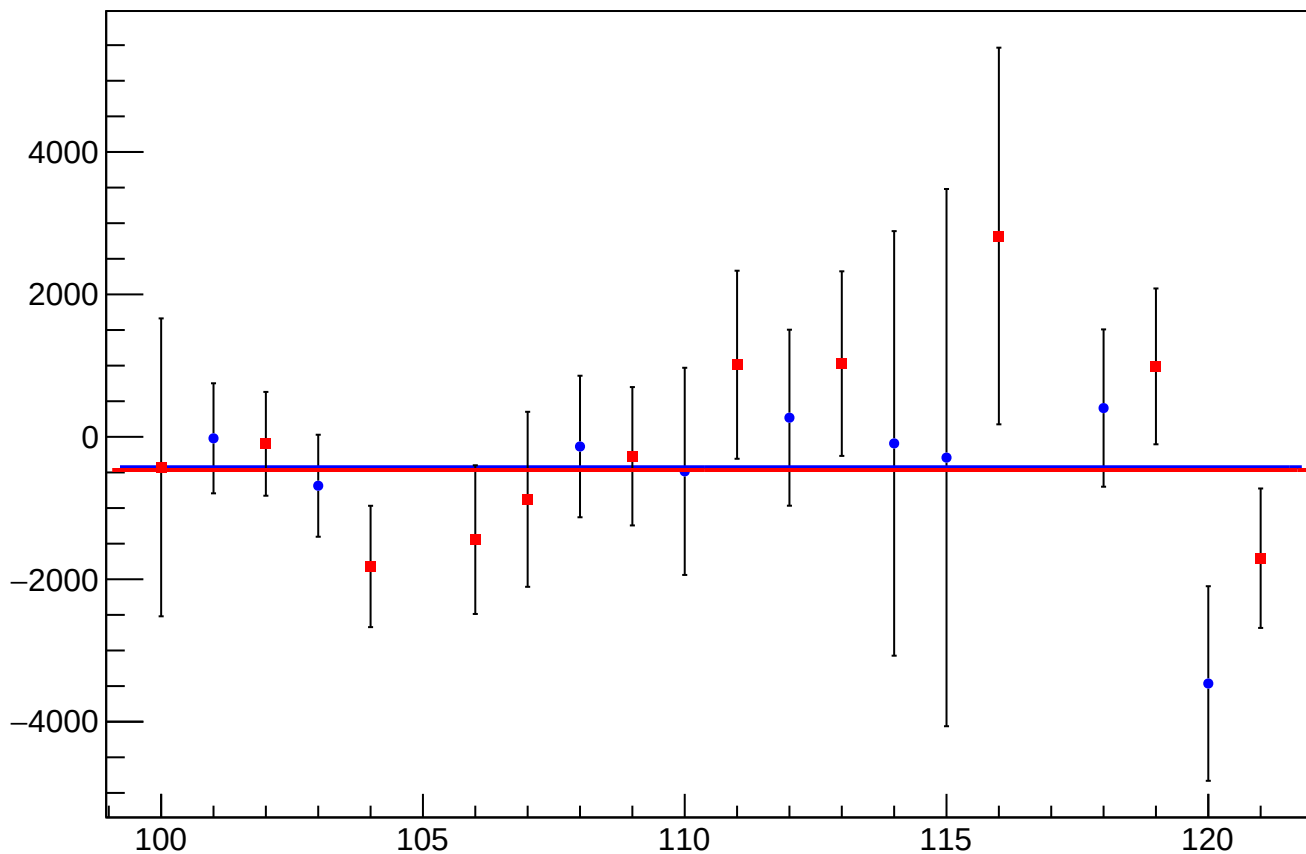
Right: 94.630+/-0.023 χ^2/NDF : 128321.9/19

In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.630+/-0.023 χ^2/NDF : 128321.9/19

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.137+/-370.040 χ^2 /NDF: 6.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -465.678+/-327.579 χ^2 /NDF: 11.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

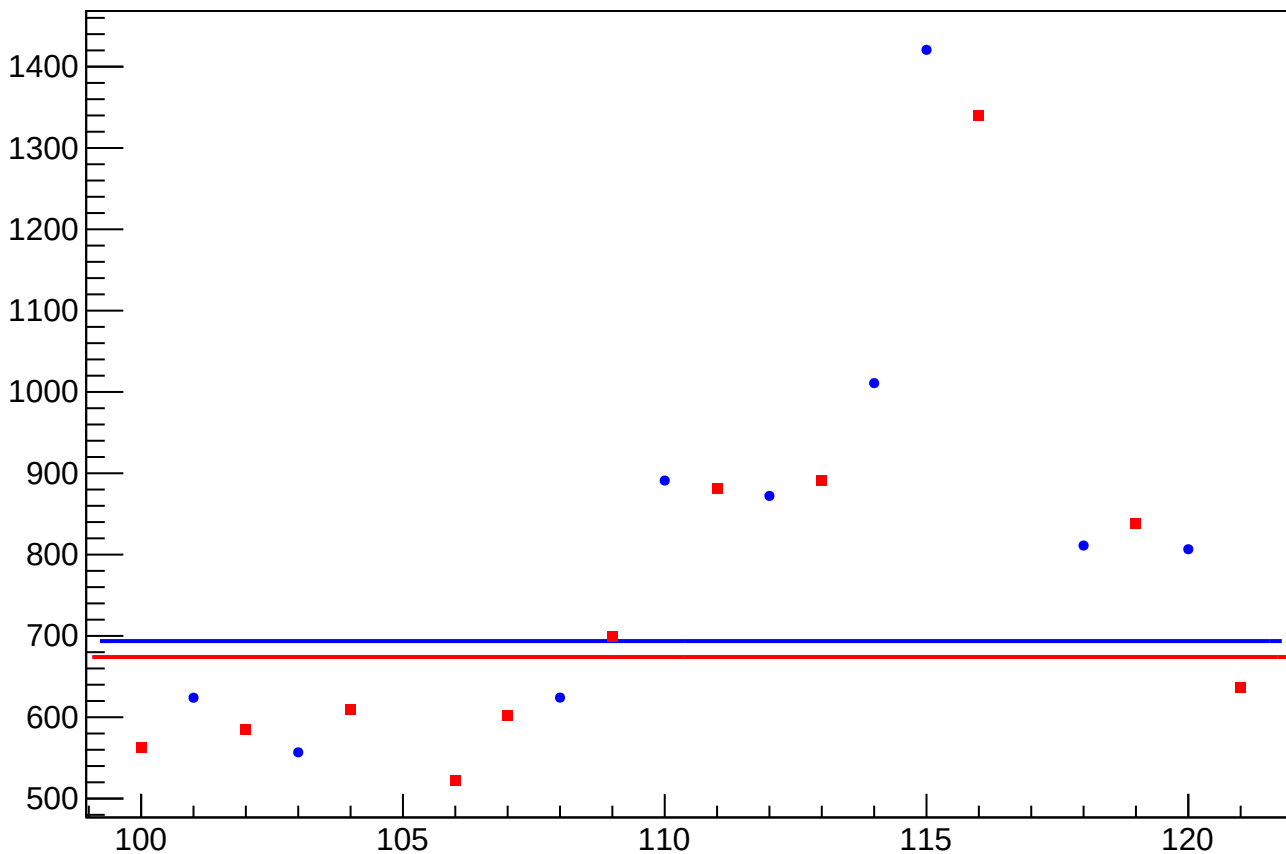
Right: -448.745+/-245.278 χ^2 /NDF: 17.6/19

In: -427.137+/-370.040 χ^2 /NDF:6.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -448.745+/-245.278 χ^2 /NDF: 17.6/19

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 674.018+/-0.232 χ^2/NDF : 377332.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

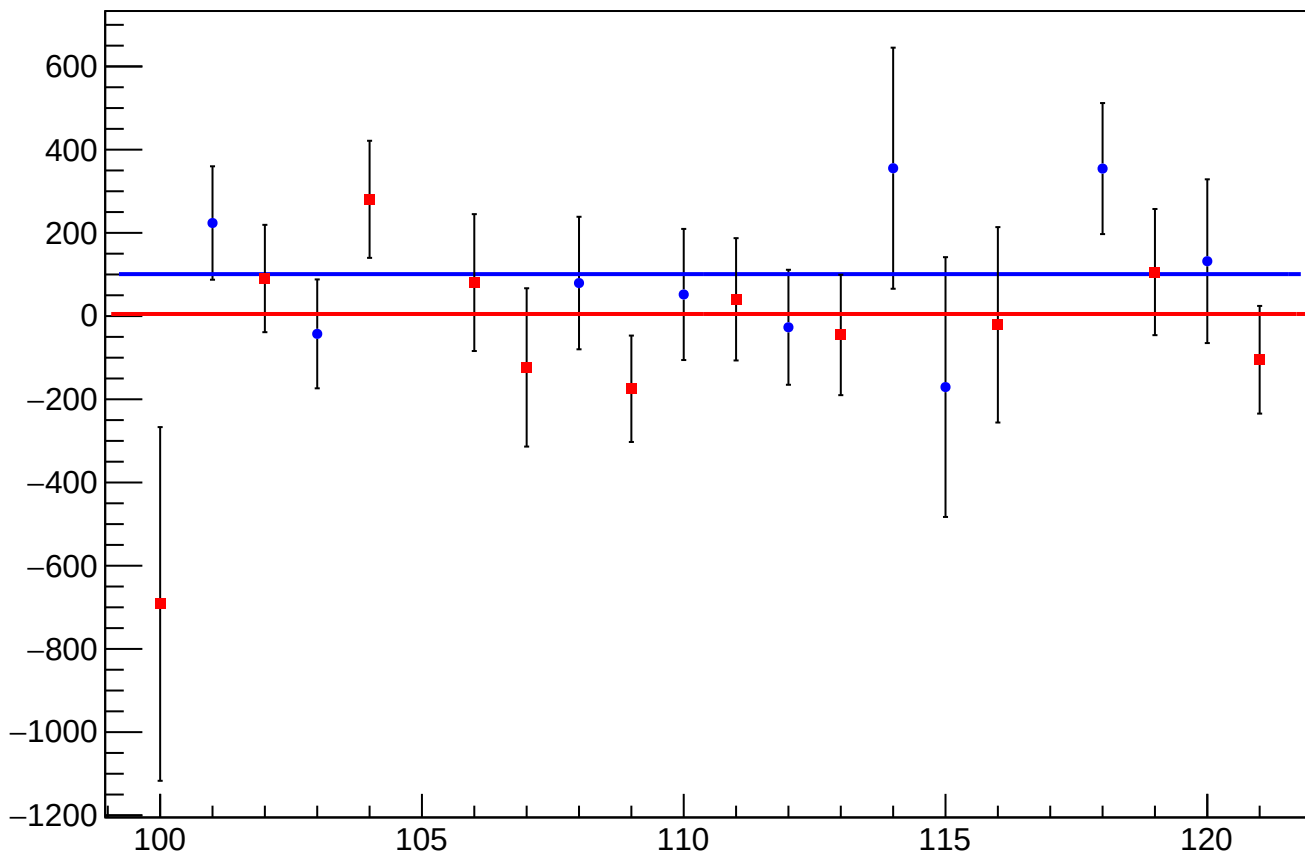
Right: 682.649+/-0.173 χ^2/NDF : 691330.2/19

In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.649+/-0.173 χ^2/NDF : 691330.2/19

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 100.859 ± 54.834 $\chi^2/\text{NDF}: 7.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.032 ± 46.764 $\chi^2/\text{NDF}: 11.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

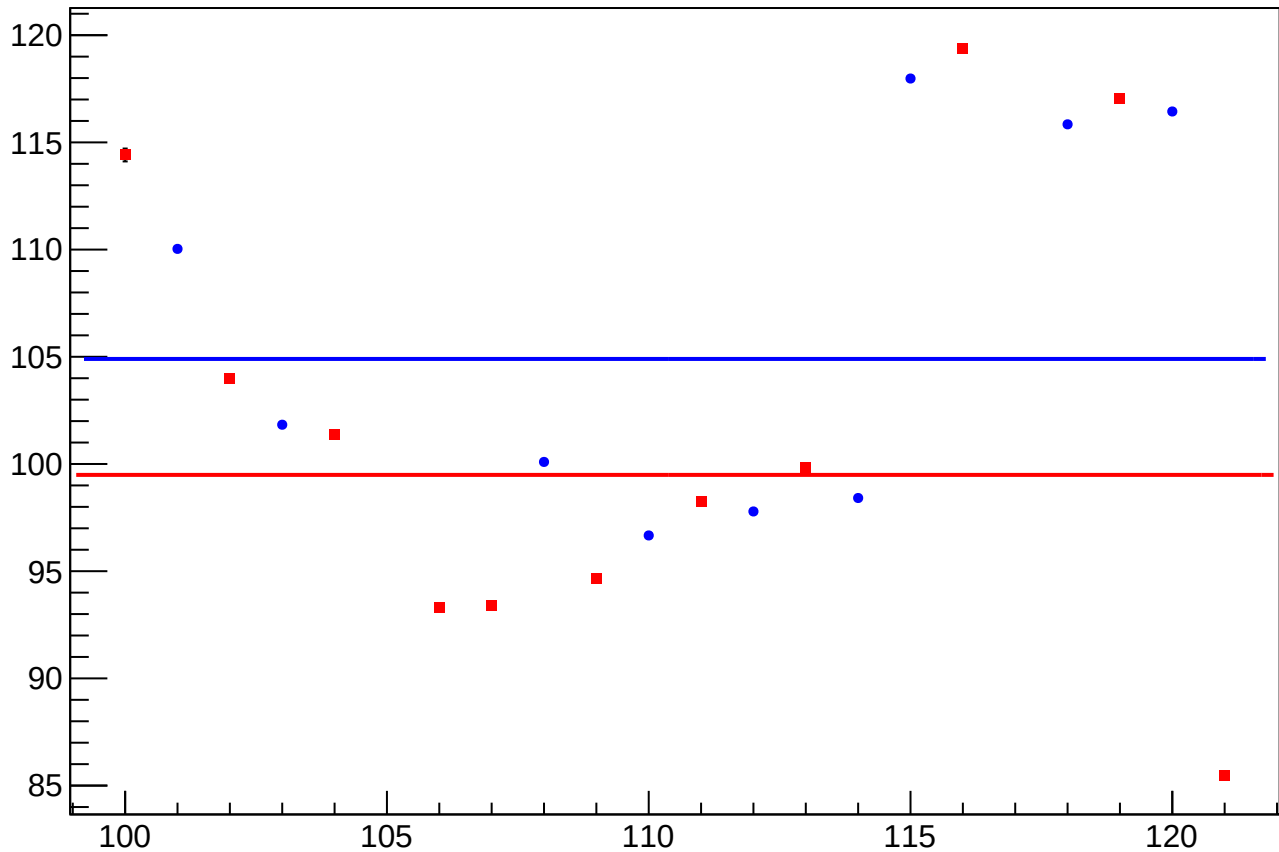
Right: 45.382 ± 35.582 $\chi^2/\text{NDF}: 19.9/19$

In: 100.859 ± 54.834 $\chi^2/\text{NDF}: 7.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 45.382 ± 35.582 $\chi^2/\text{NDF}: 19.9/19$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.899+/-0.039 χ^2/NDF : 37563.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.491+/-0.033 χ^2/NDF : 77904.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

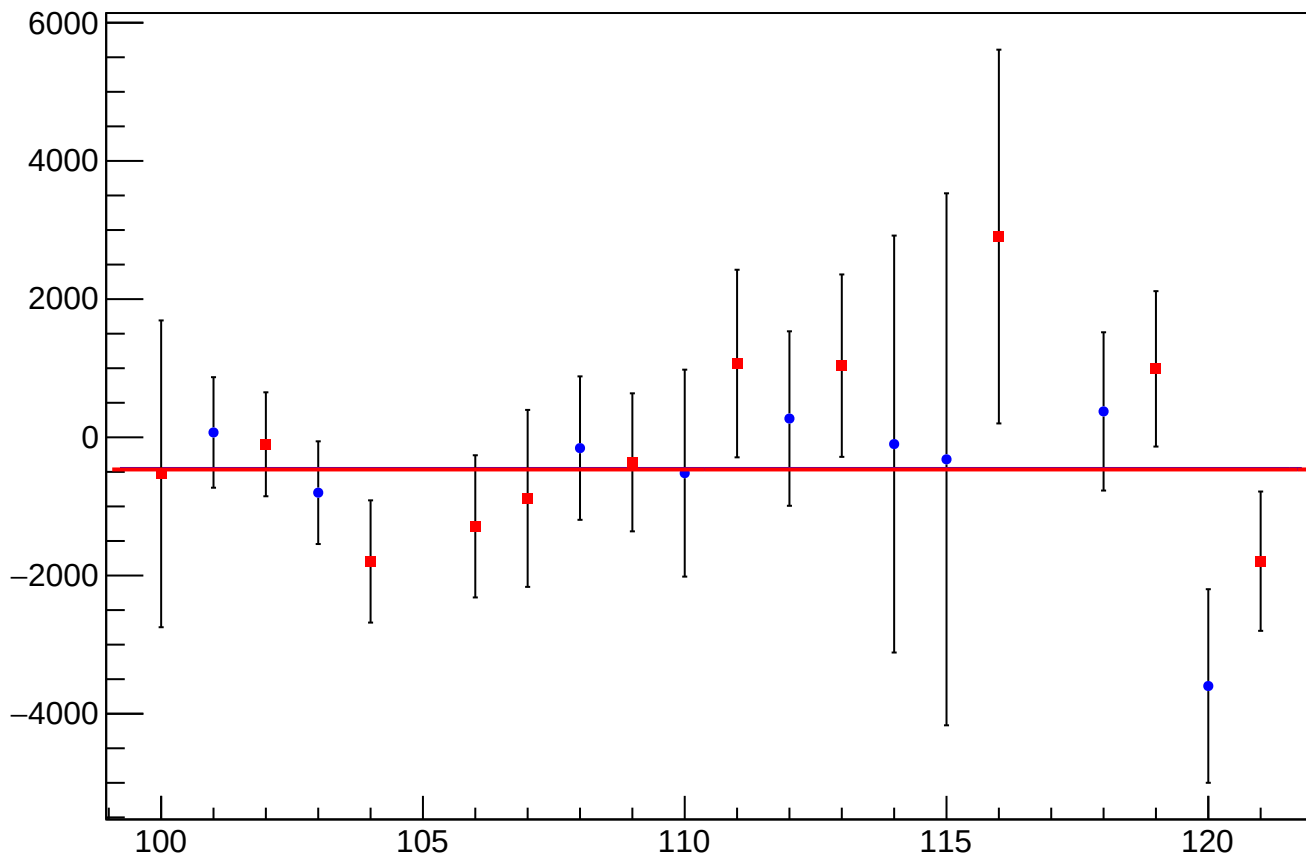
Right: 101.768+/-0.025 χ^2/NDF : 126730.8/19

In: 104.899+/-0.039 χ^2/NDF : 37563.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.768+/-0.025 χ^2/NDF : 126730.8/19

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.892+/-382.785 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.056+/-336.449 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

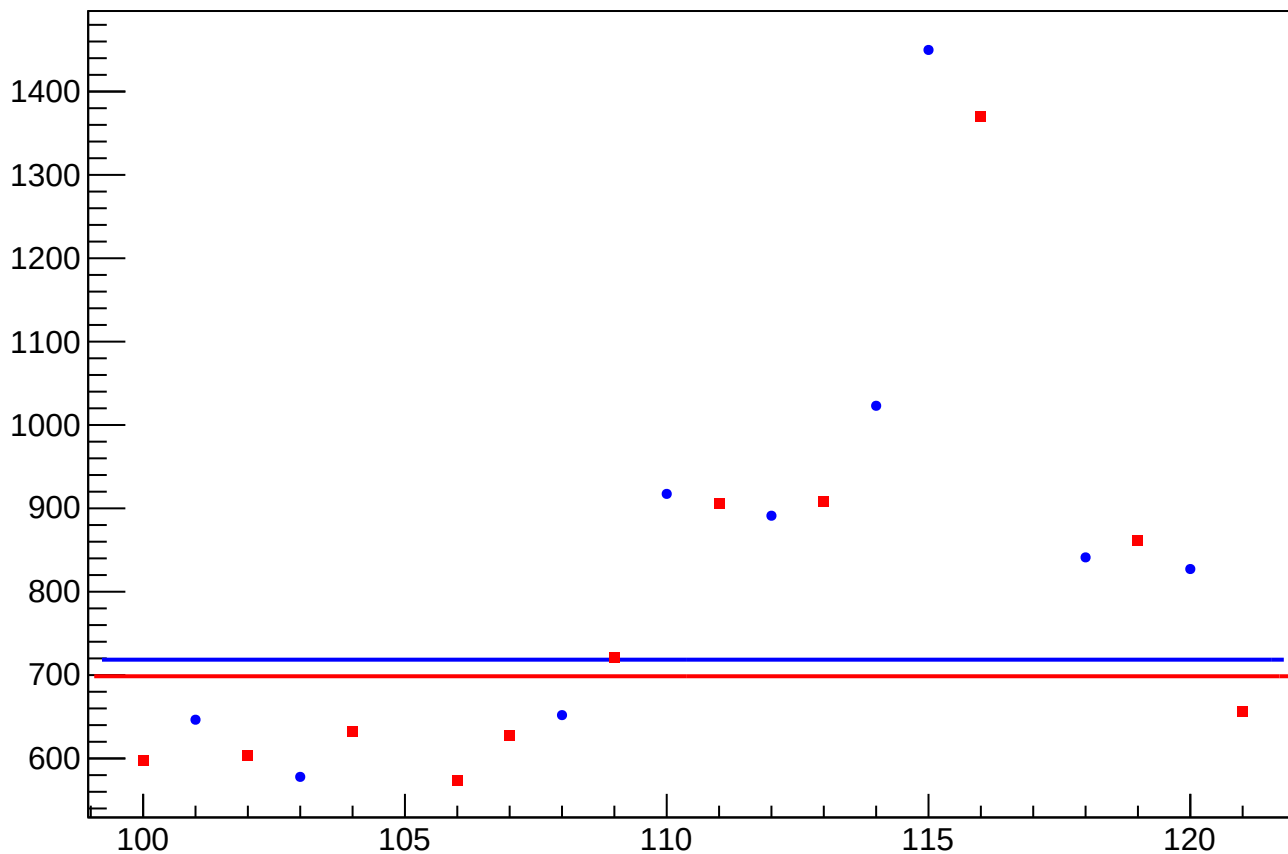
Right: -461.934+/-252.708 χ^2/NDF : 17.4/19

In: -457.892+/-382.785 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.934+/-252.708 χ^2/NDF : 17.4/19

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.487+/-0.271 χ^2/NDF : 296268.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.597+/-0.238 χ^2/NDF : 349063.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

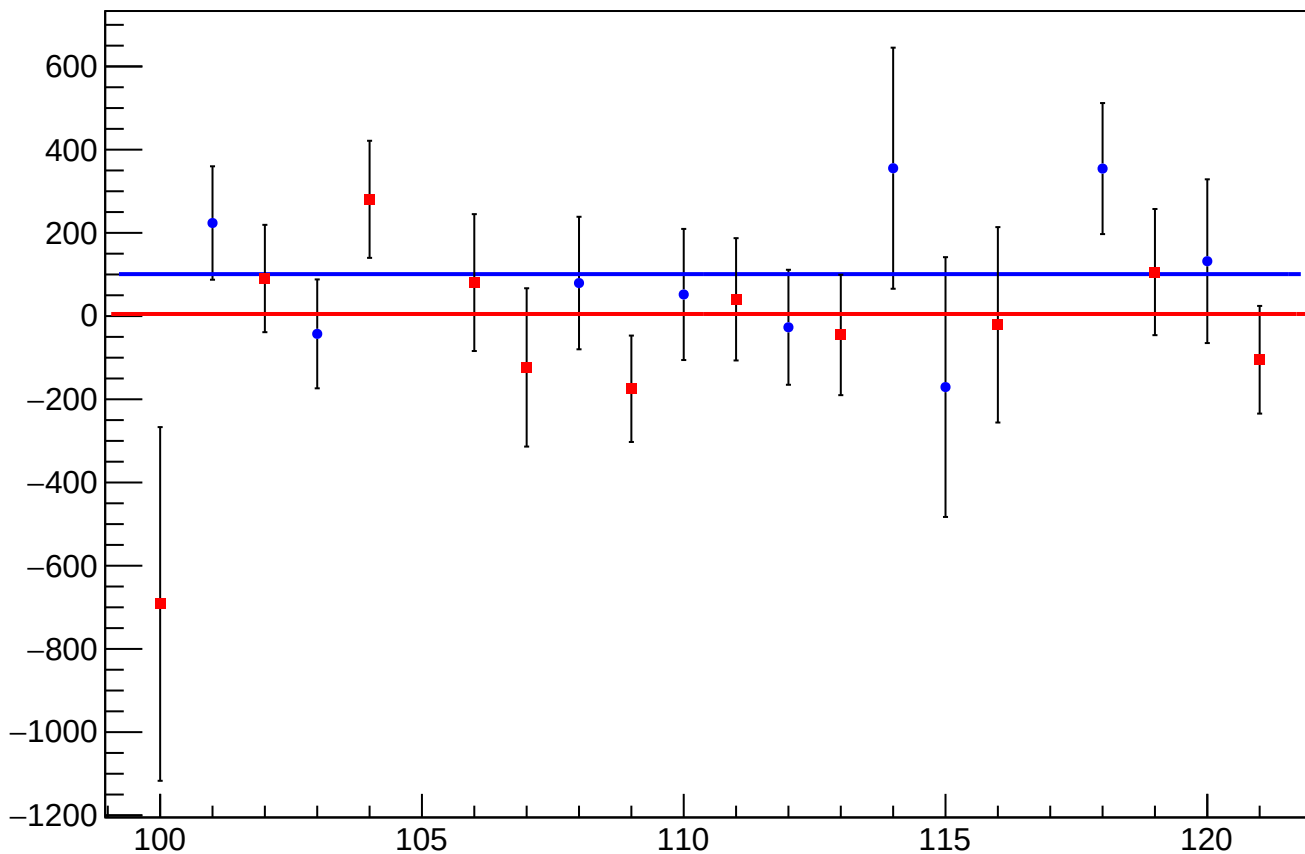
Right: 707.266+/-0.179 χ^2/NDF : 648378.0/19

In: 718.487+/-0.271 χ^2/NDF : 296268.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.266+/-0.179 χ^2/NDF : 648378.0/19

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 100.860 $\pm$ 54.834 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.032 $\pm$ 46.764 χ^2 /NDF: 11.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

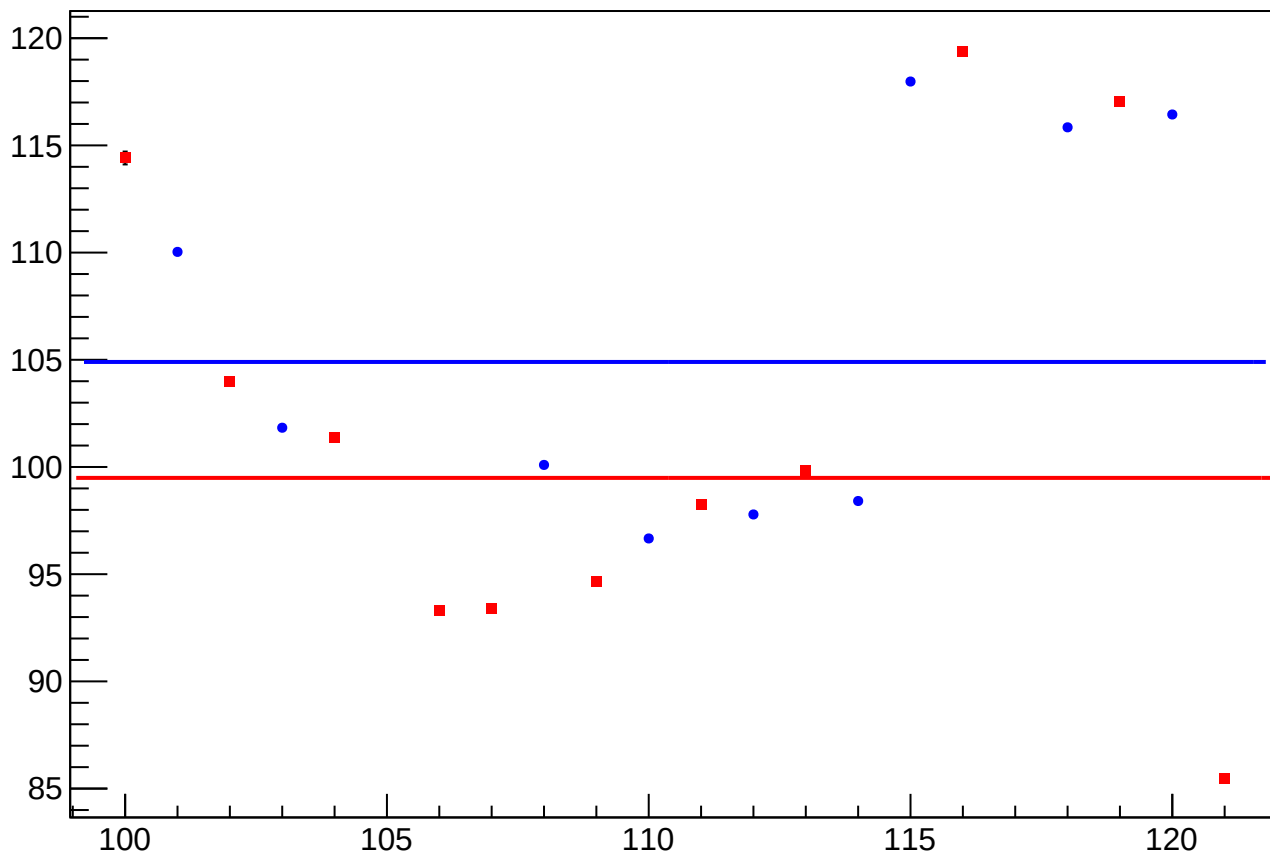
Right: 45.382 $\pm$ 35.582 χ^2 /NDF: 19.9/19

In: 100.860 $\pm$ 54.834 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.382 $\pm$ 35.582 χ^2 /NDF: 19.9/19

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.899 $\pm$ 0.039 χ^2 /NDF: 37563.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.491 $\pm$ 0.033 χ^2 /NDF: 77905.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

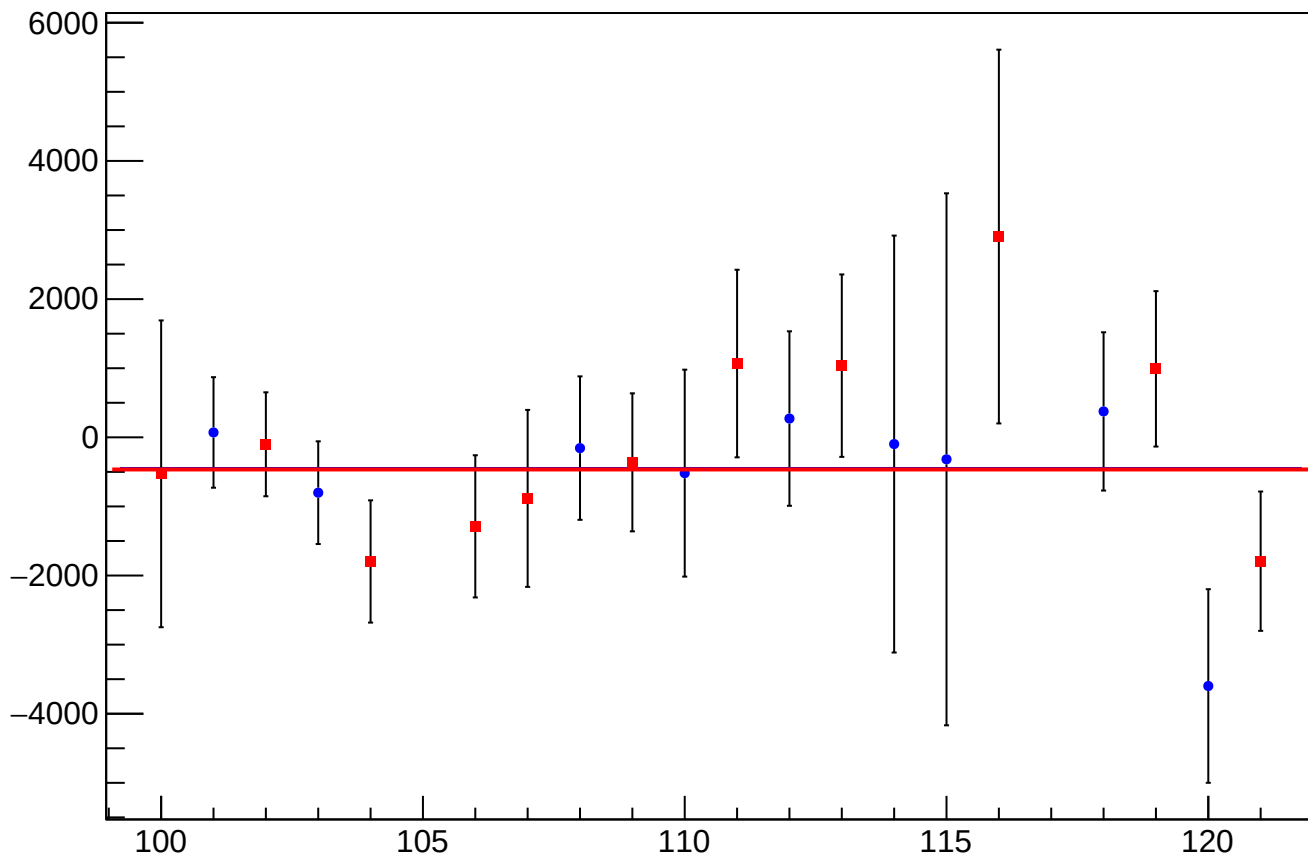
Right: 101.768 $\pm$ 0.025 χ^2 /NDF: 126731.3/19

In: 104.899 $\pm$ 0.039 χ^2 /NDF:37563.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.768 $\pm$ 0.025 χ^2 /NDF: 126731.3/19

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.891+/-382.784 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.056+/-336.449 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

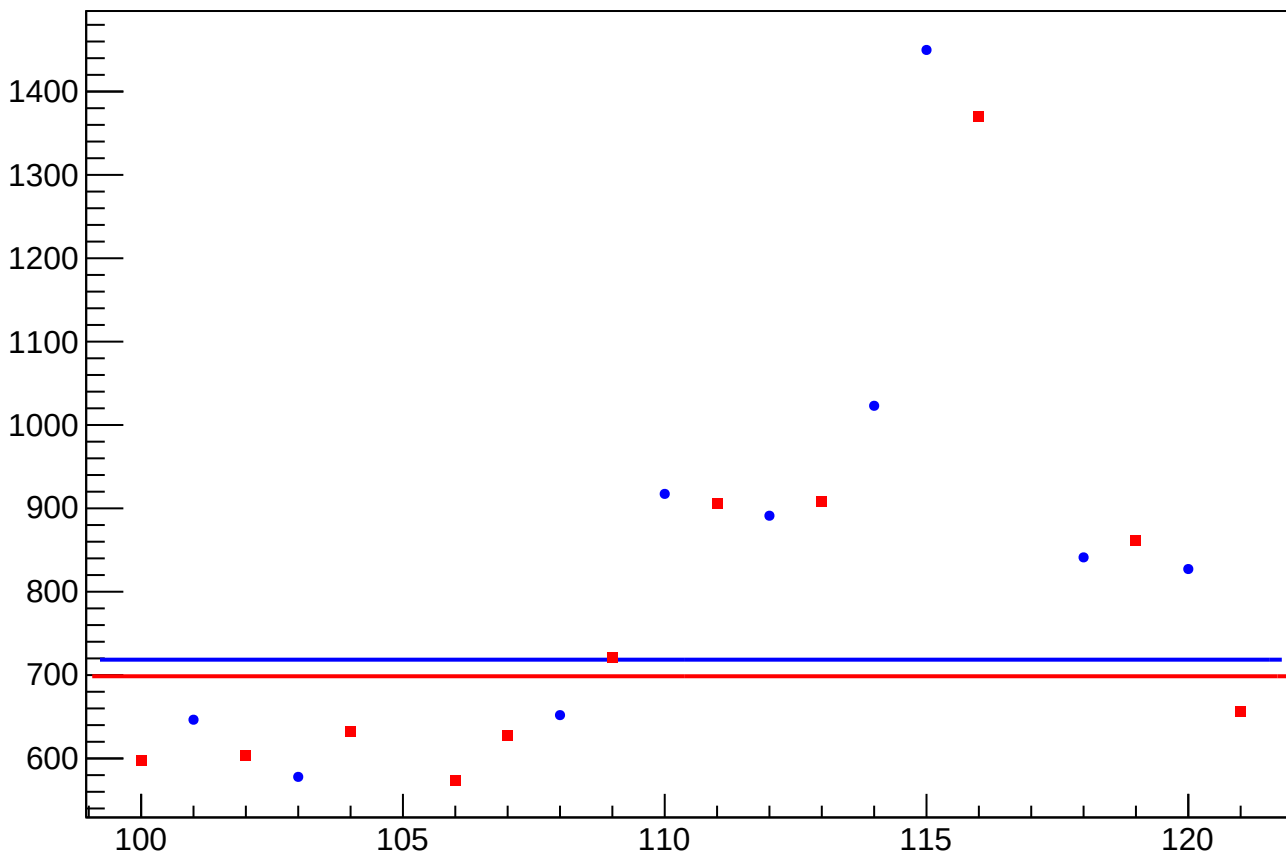
Right: -461.933+/-252.708 χ^2/NDF : 17.4/19

In: -457.891+/-382.784 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.933+/-252.708 χ^2/NDF : 17.4/19

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.487+/-0.271 χ^2/NDF : 296267.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.596+/-0.238 χ^2/NDF : 349063.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

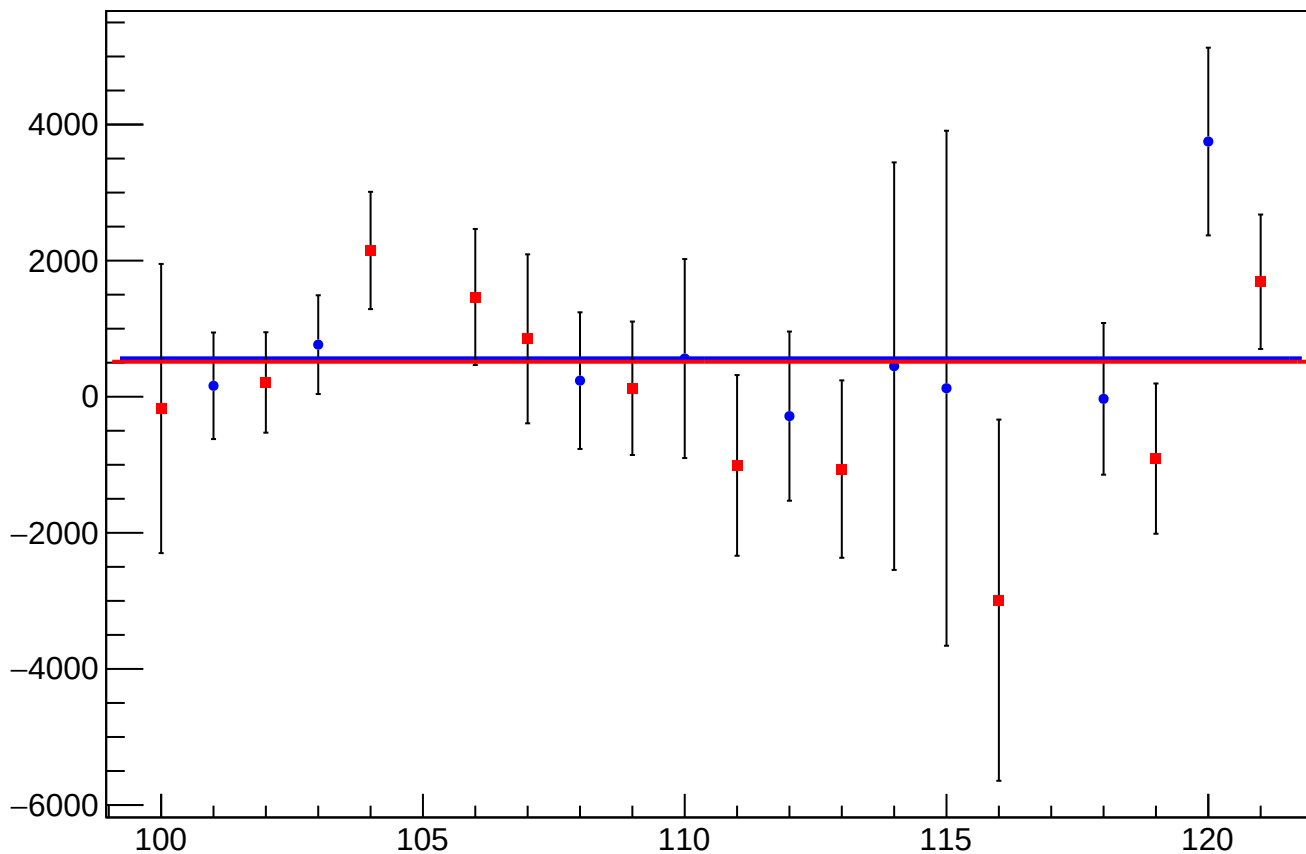
Right: 707.265+/-0.179 χ^2/NDF : 648377.4/19

In: 718.487+/-0.271 χ^2/NDF : 296267.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.265+/-0.179 χ^2/NDF : 648377.4/19

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 564.090+/-373.997 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.350+/-329.063 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

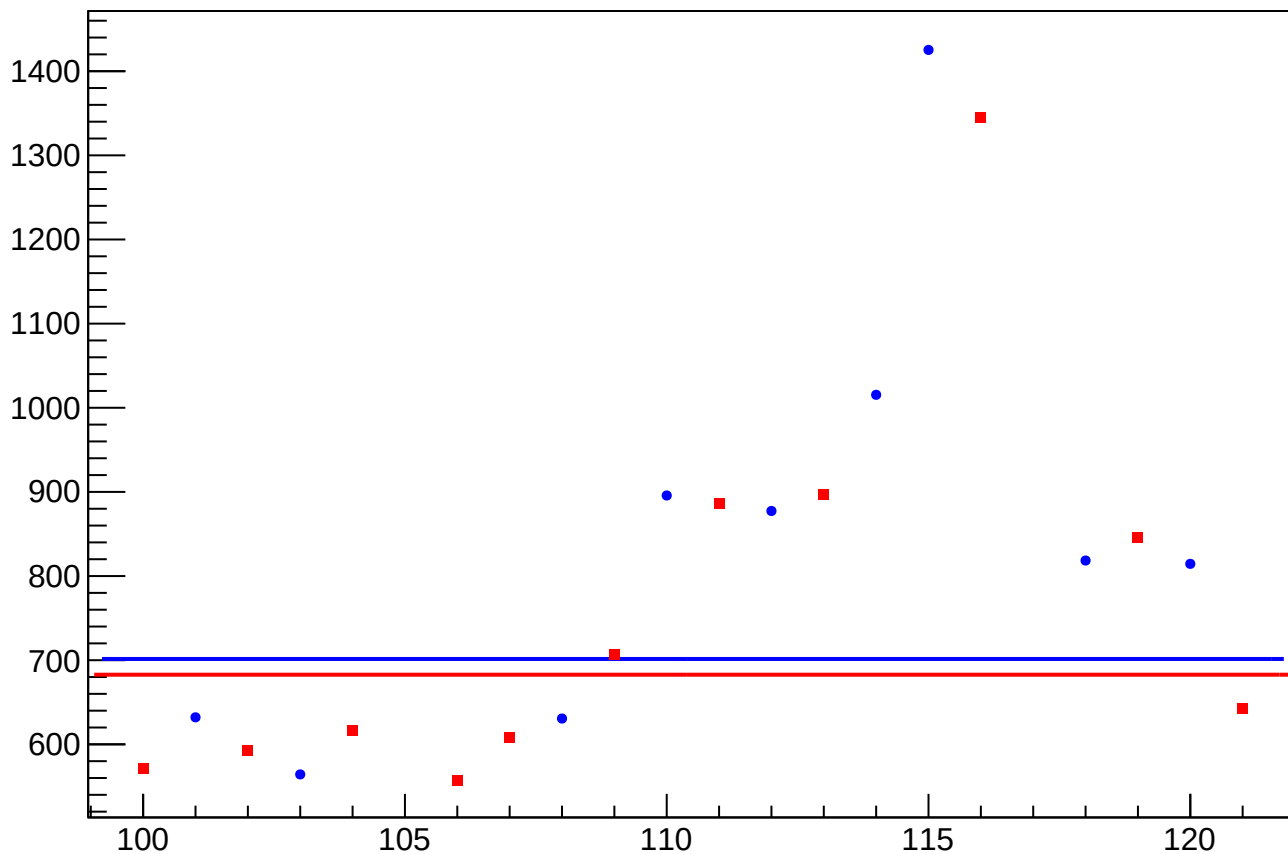
Right: 536.054+/-247.050 χ^2/NDF : 19.2/19

In: 564.090+/-373.997 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.054+/-247.050 χ^2/NDF : 19.2/19

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 701.470+/-0.264 χ^2/NDF : 303111.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 682.755+/-0.233 χ^2/NDF : 358989.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

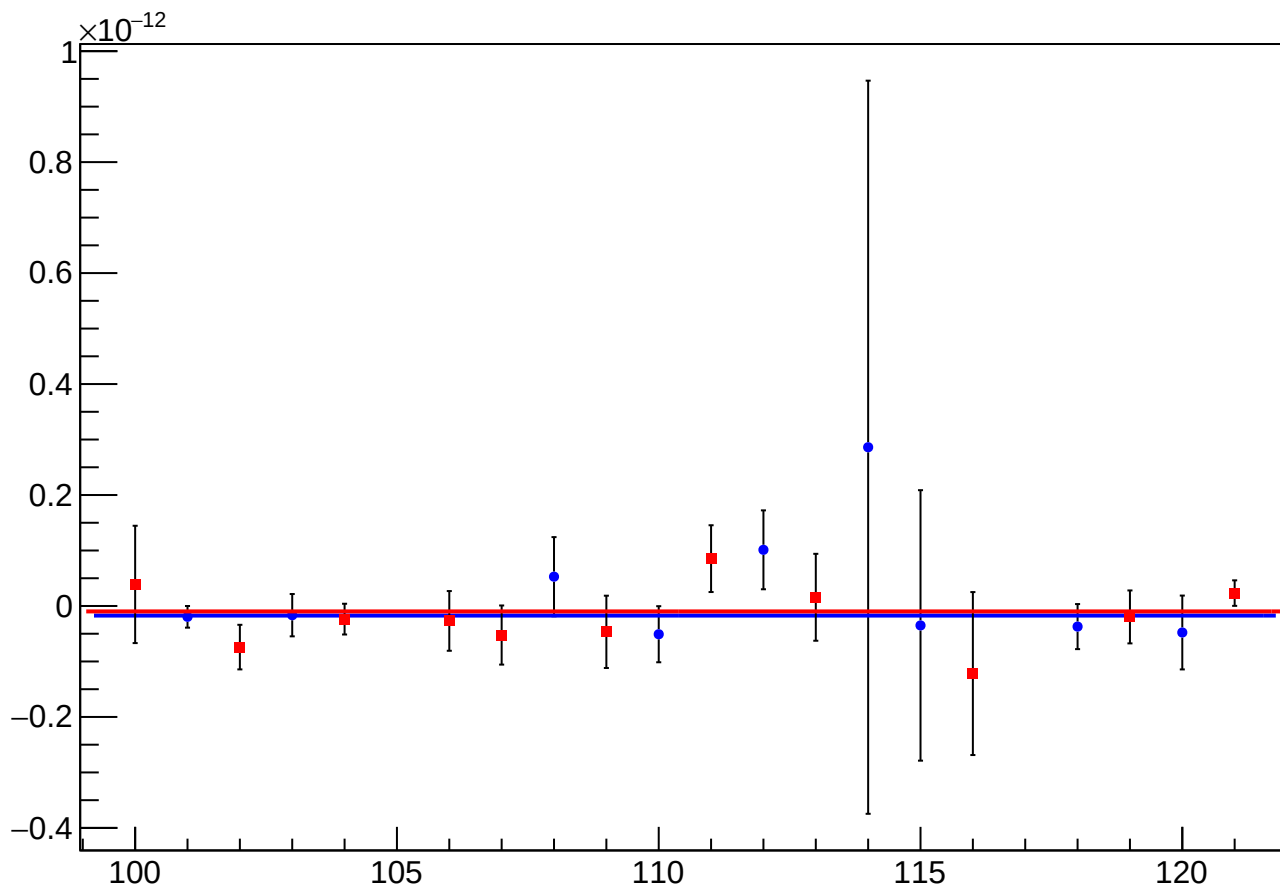
Right: 690.921+/-0.175 χ^2/NDF : 664923.7/19

In: 701.470+/-0.264 χ^2/NDF : 303111.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.921+/-0.175 χ^2/NDF : 664923.7/19

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

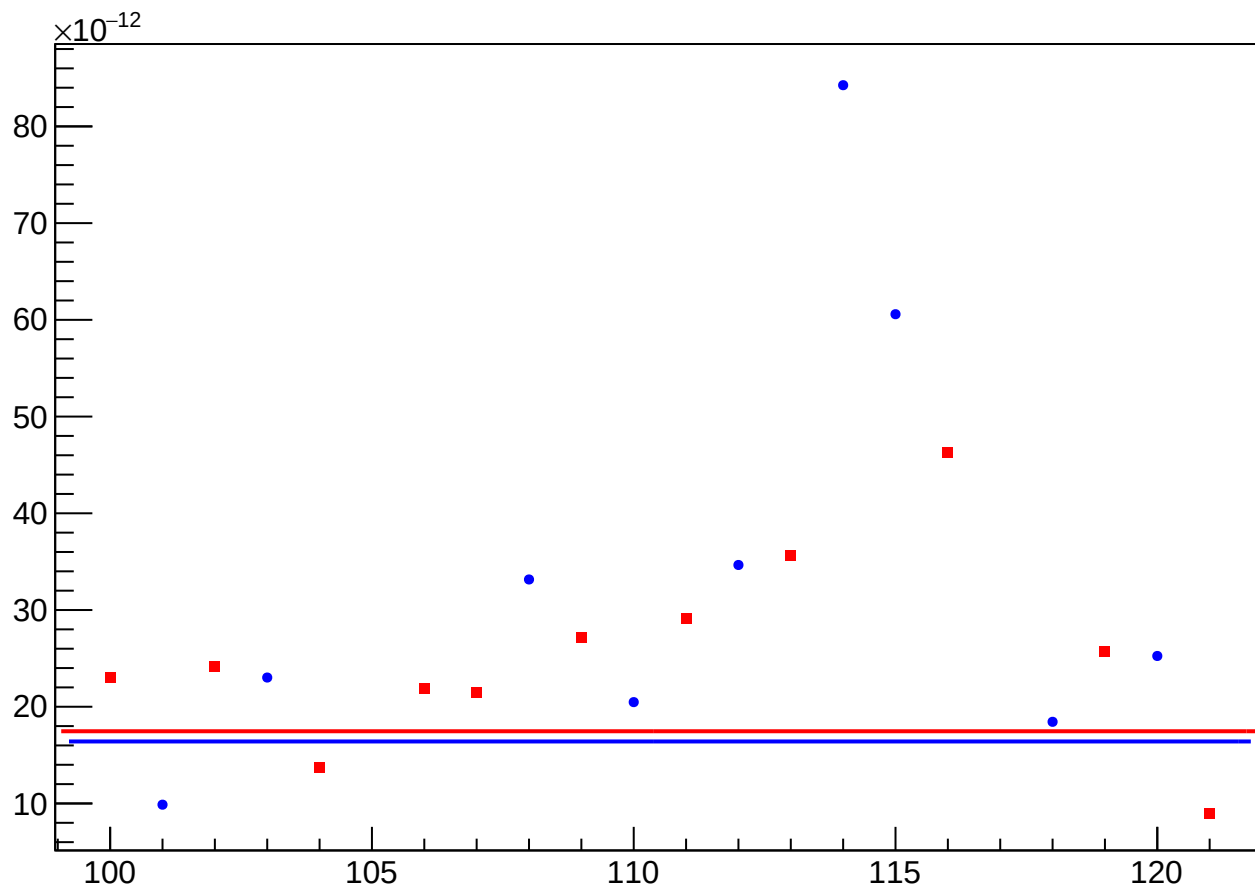
Right: -0.000+/-0.000 χ^2/NDF : 14.4/19

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.4/19

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 666432.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 760284.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

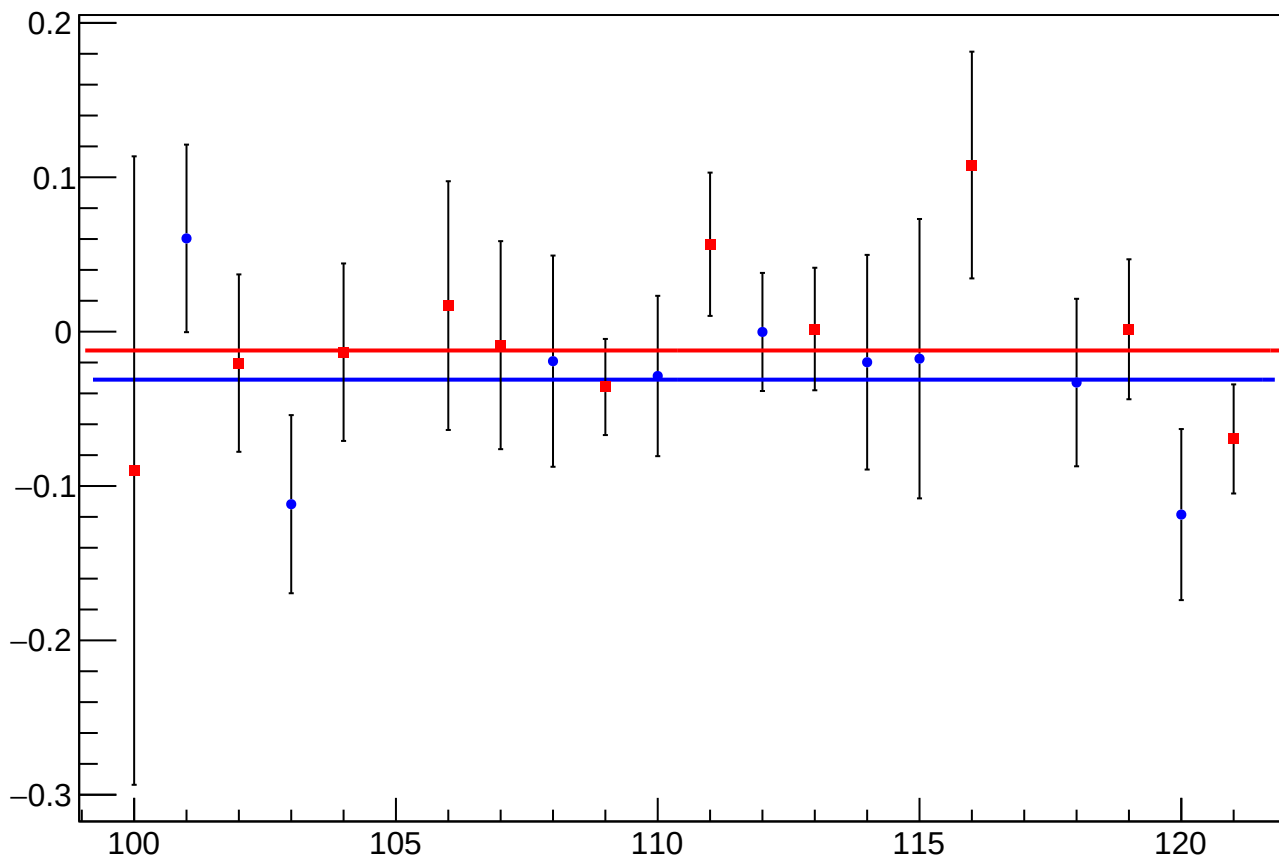
Right: 0.000+/-0.000 χ^2/NDF : 1432650.4/19

In: 0.000+/-0.000 χ^2/NDF : 666432.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1432650.4/19

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.019 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 8.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

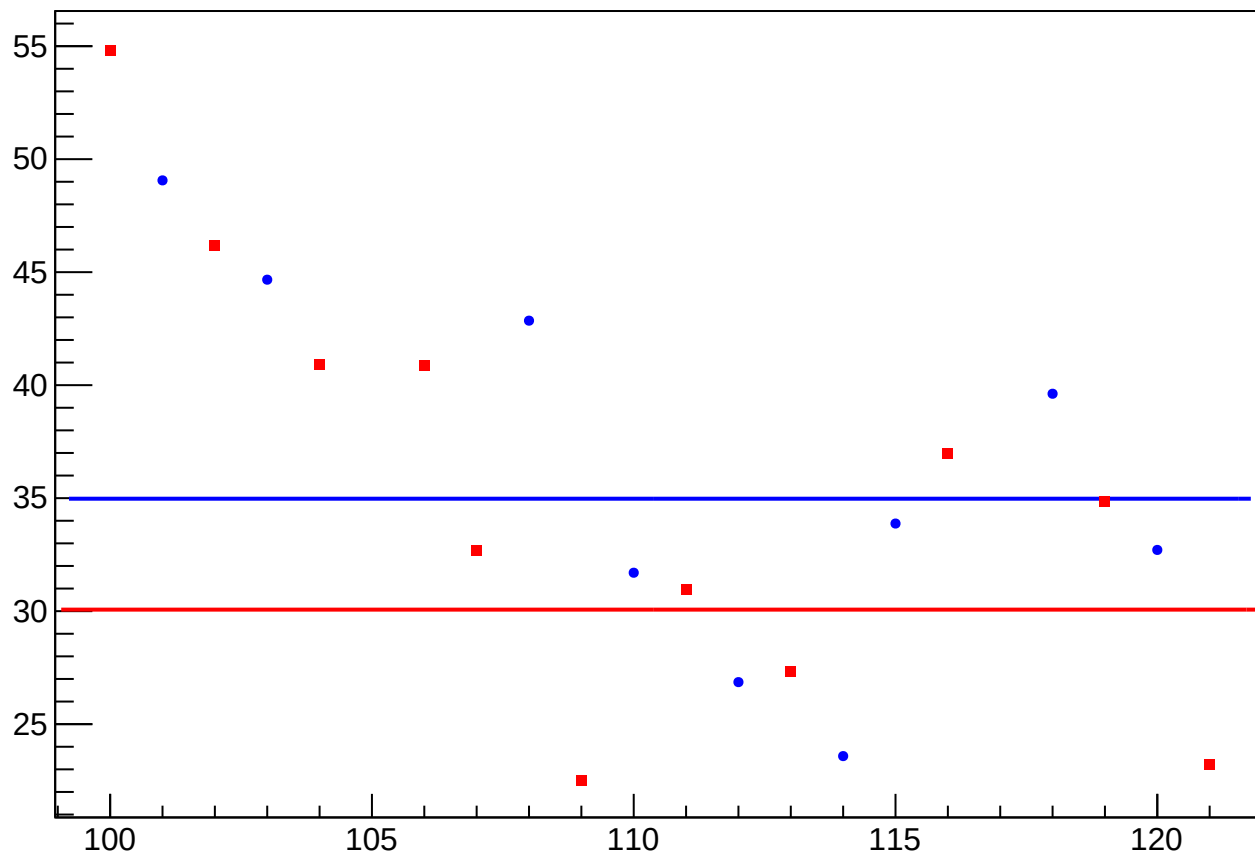
Right: -0.019 $\pm$ 0.012 χ^2 /NDF: 16.7/19

In: -0.031 $\pm$ 0.019 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.012 χ^2 /NDF: 16.7/19

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.068+/-0.010 χ^2/NDF : 540518.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

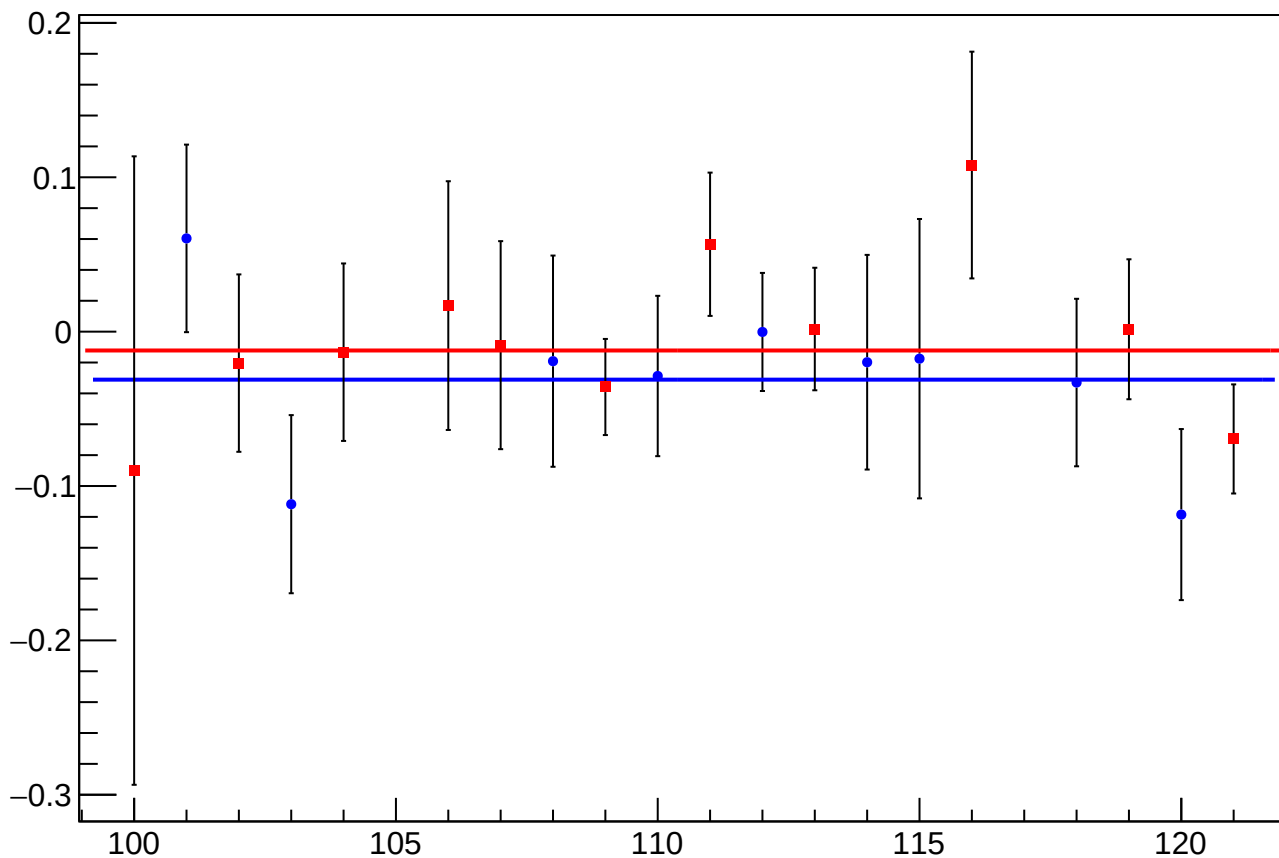
Right: 31.937+/-0.008 χ^2/NDF : 985449.3/19

In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.937+/-0.008 χ^2/NDF : 985449.3/19

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.019 $\chi^2/\text{NDF}: 7.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.012 ± 0.015 $\chi^2/\text{NDF}: 8.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

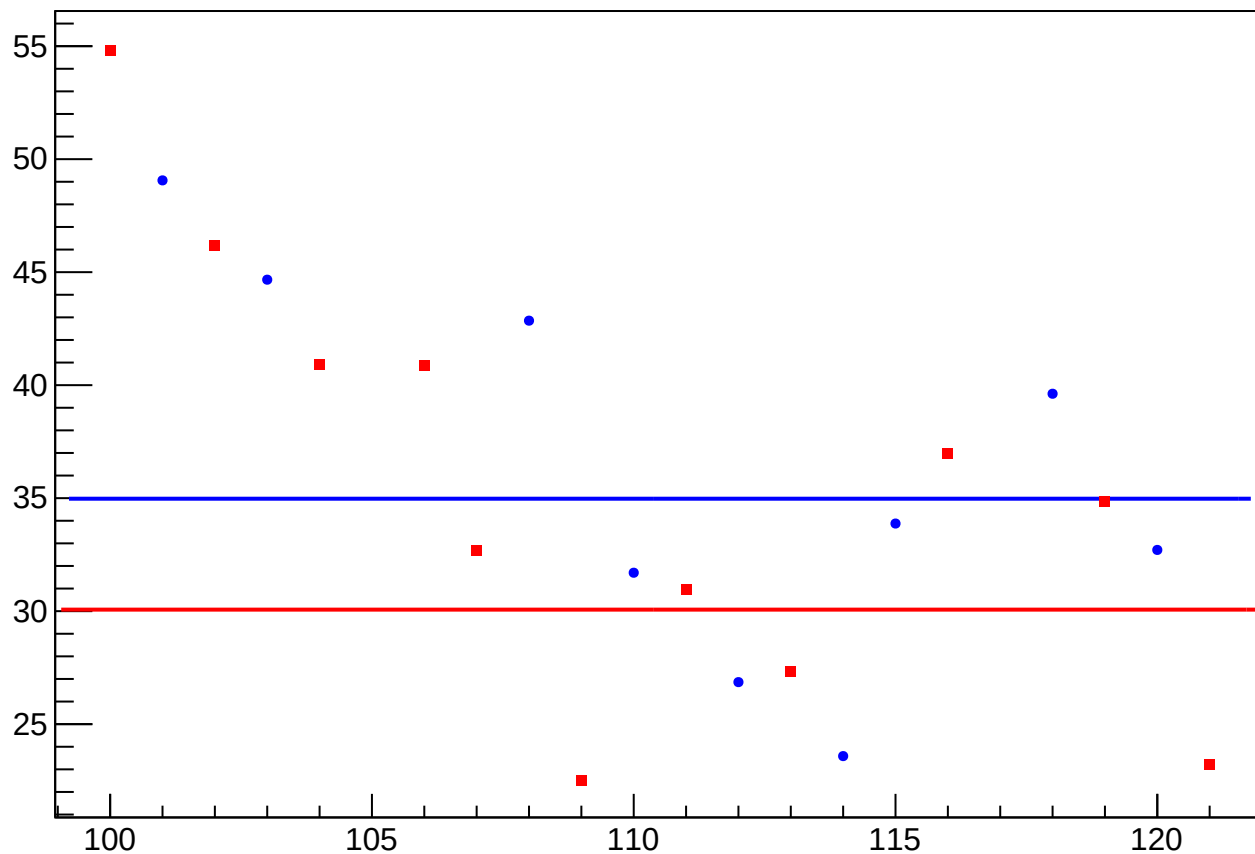
Right: -0.019 ± 0.012 $\chi^2/\text{NDF}: 16.7/19$

In: -0.031 ± 0.019 $\chi^2/\text{NDF}: 7.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.019 ± 0.012 $\chi^2/\text{NDF}: 16.7/19$

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.068+/-0.010 χ^2/NDF : 540518.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

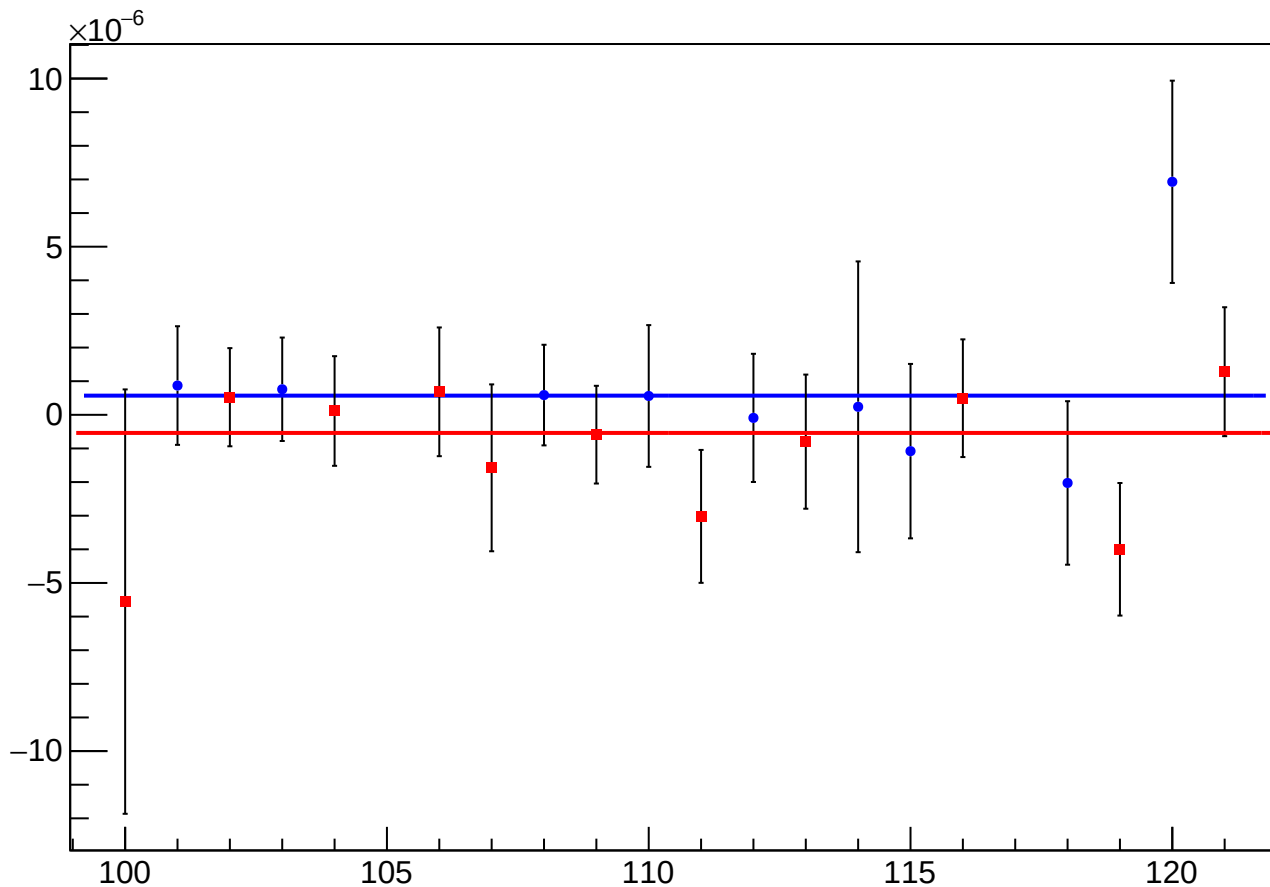
Right: 31.937+/-0.008 χ^2/NDF : 985449.3/19

In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.937+/-0.008 χ^2/NDF : 985449.3/19

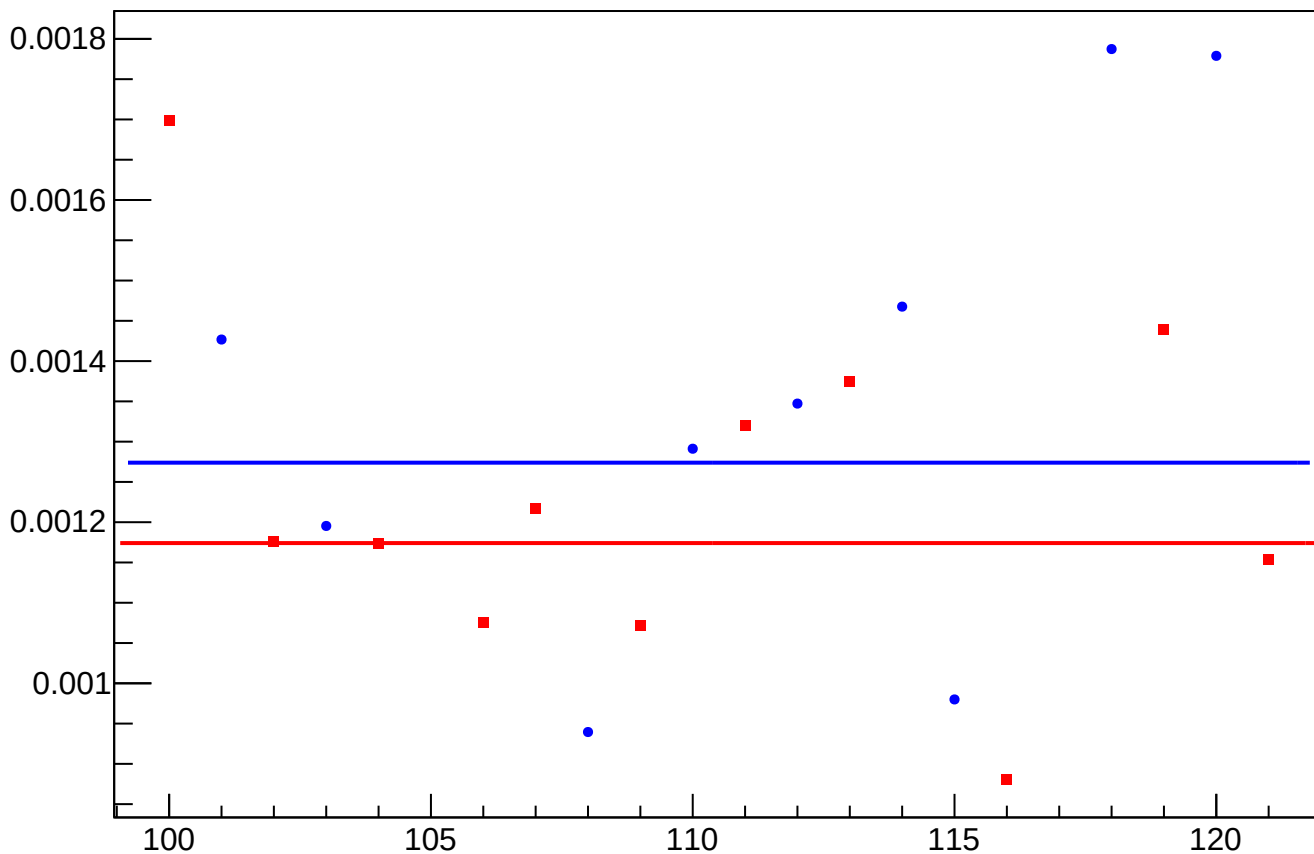
asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 15.6/19
 In: 0.000+/-0.000 χ^2/NDF : 6.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 15.6/19

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 298539.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 153474.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

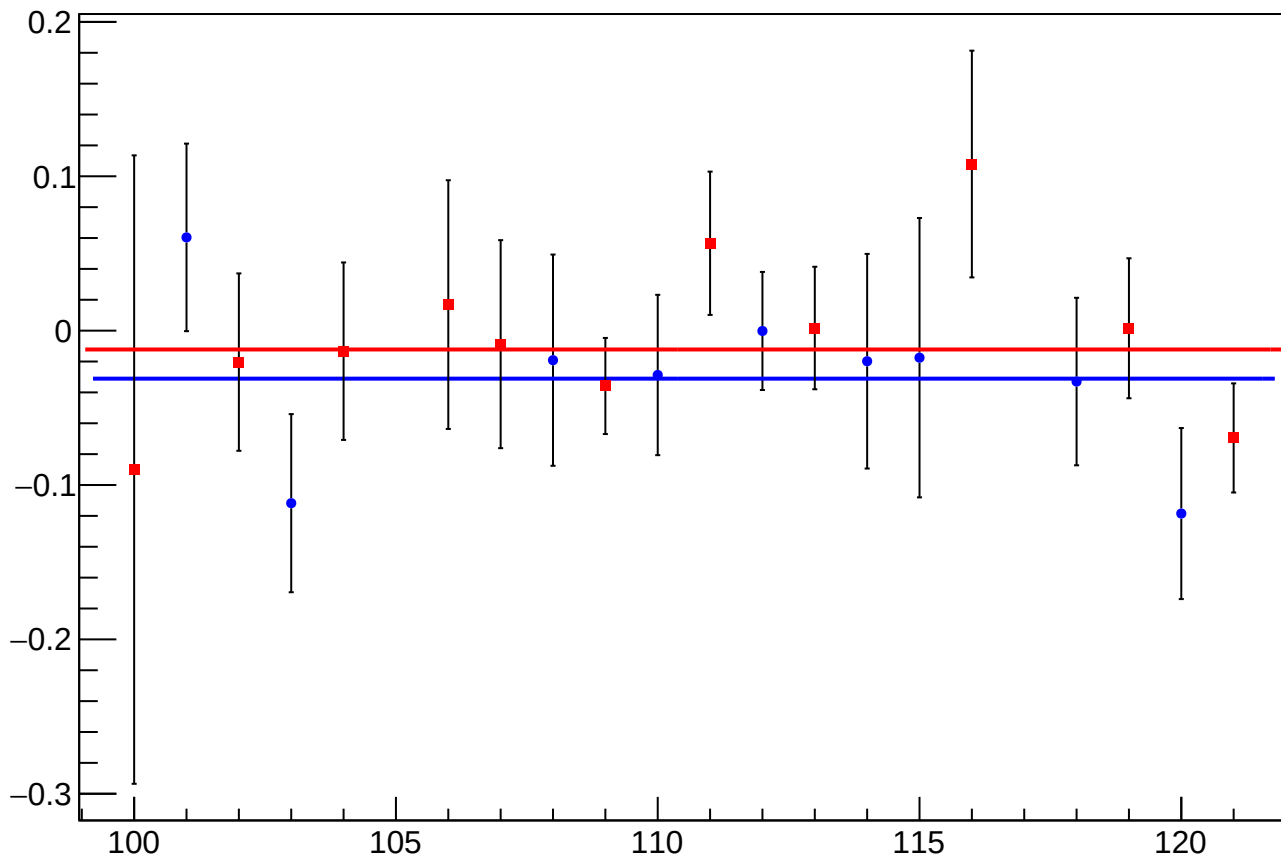
Right: 0.001+/-0.000 χ^2/NDF : 477615.1/19

In: 0.001+/-0.000 χ^2/NDF : 298539.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 477615.1/19

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.019 χ^2/NDF : 7.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.015 χ^2/NDF : 8.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

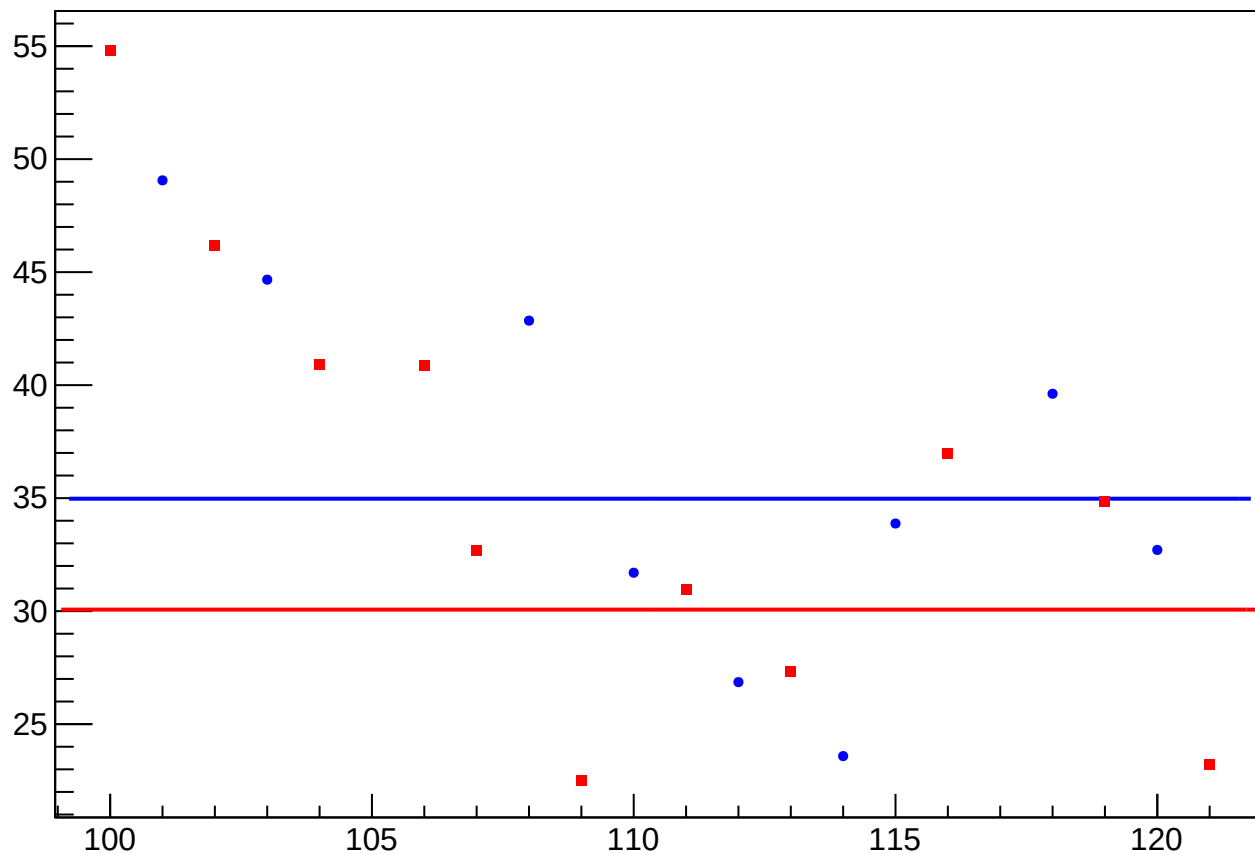
Right: -0.019 ± 0.012 χ^2/NDF : 16.7/19

In: -0.031 ± 0.019 χ^2/NDF : 7.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.012 χ^2/NDF : 16.7/19

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.067+/-0.010 χ^2/NDF : 540564.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

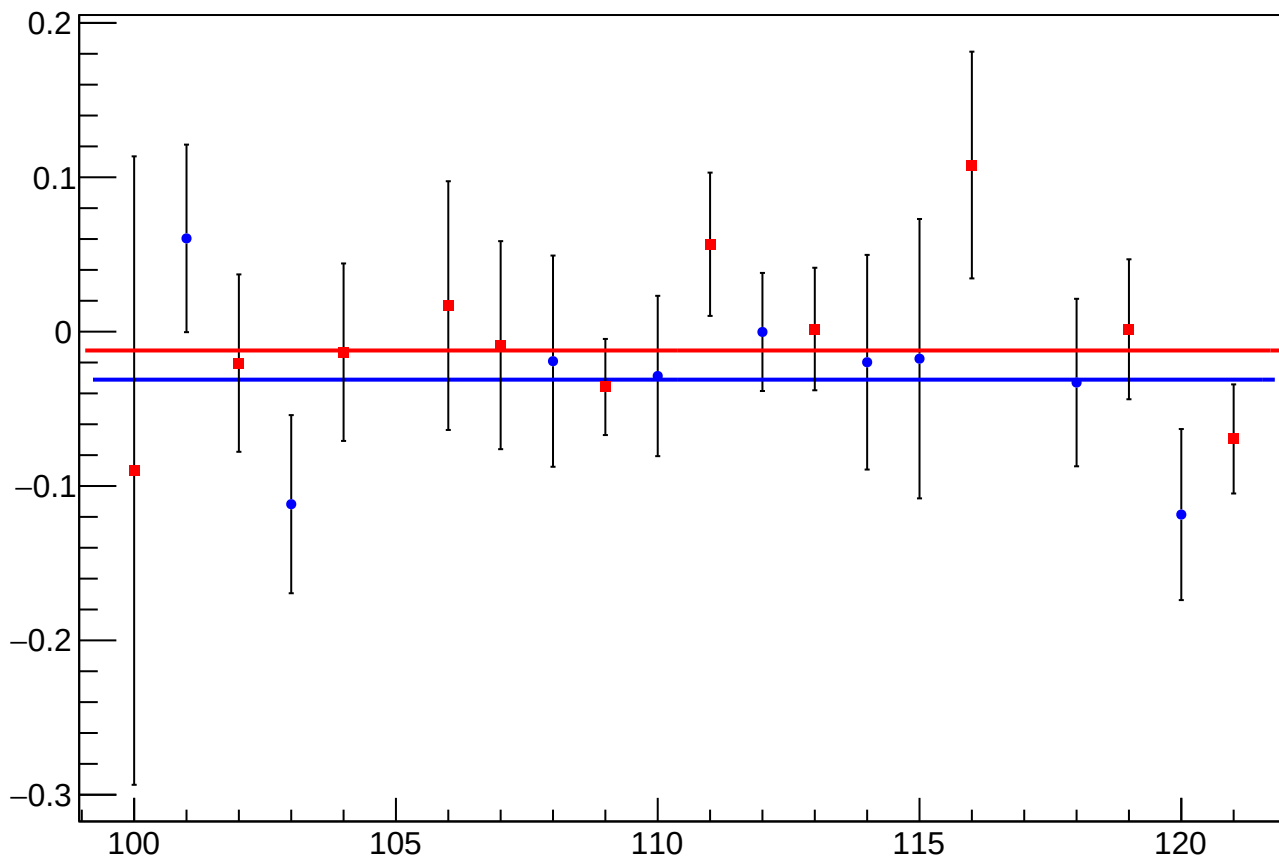
Right: 31.936+/-0.008 χ^2/NDF : 985521.3/19

In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.936+/-0.008 χ^2/NDF : 985521.3/19

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.019 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 8.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

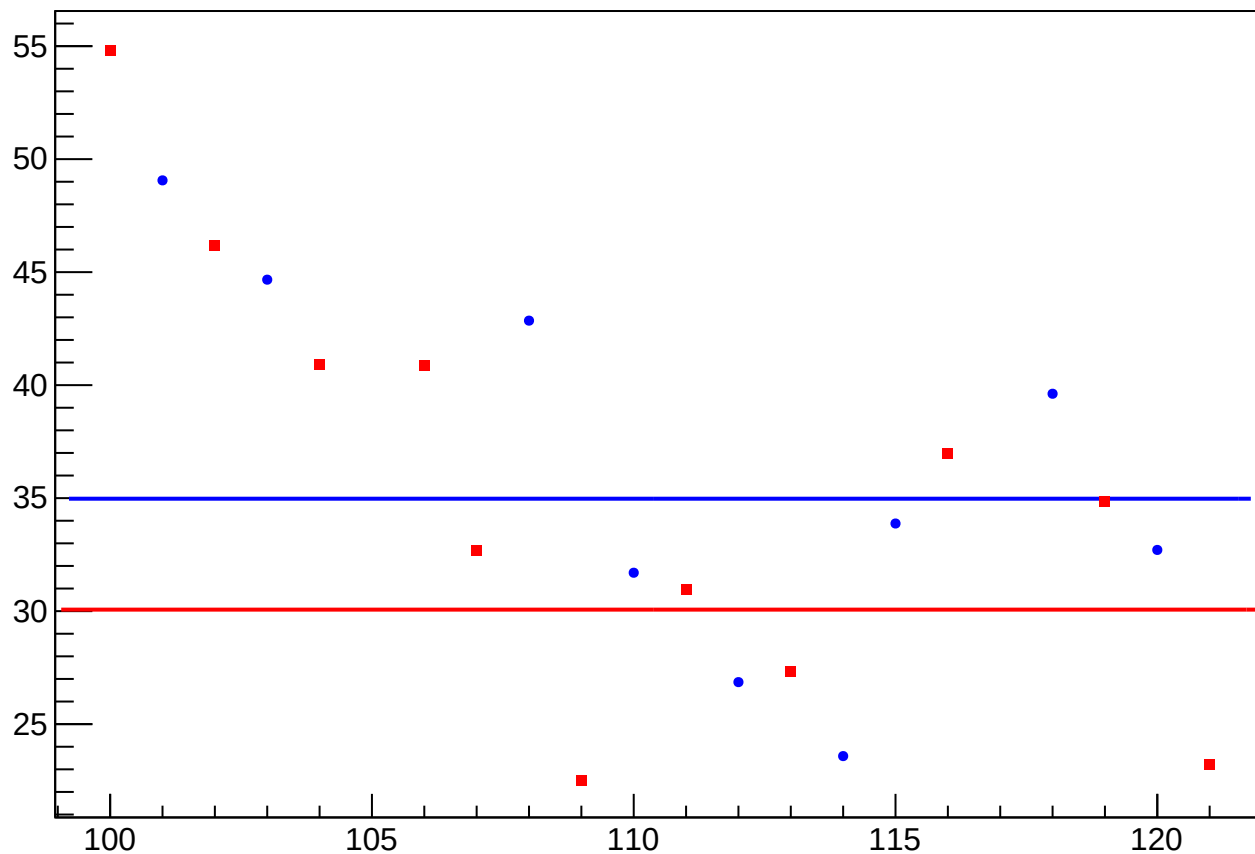
Right: -0.019 $\pm$ 0.012 χ^2 /NDF: 16.7/19

In: -0.031 $\pm$ 0.019 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.012 χ^2 /NDF: 16.7/19

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.067+/-0.010 χ^2/NDF : 540564.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

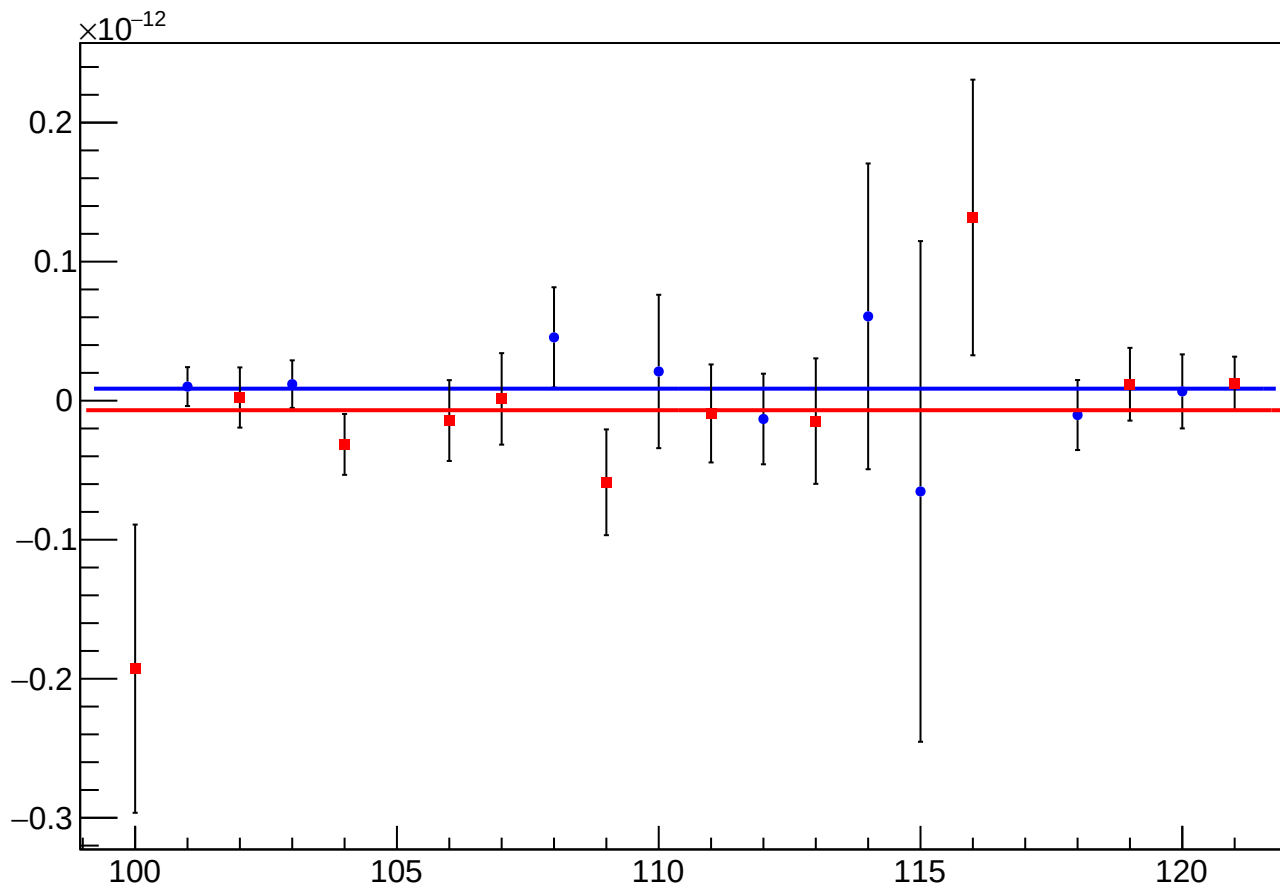
Right: 31.936+/-0.008 χ^2/NDF : 985521.3/19

In: 34.975+/-0.013 χ^2/NDF :360428.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.936+/-0.008 χ^2/NDF : 985521.3/19

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

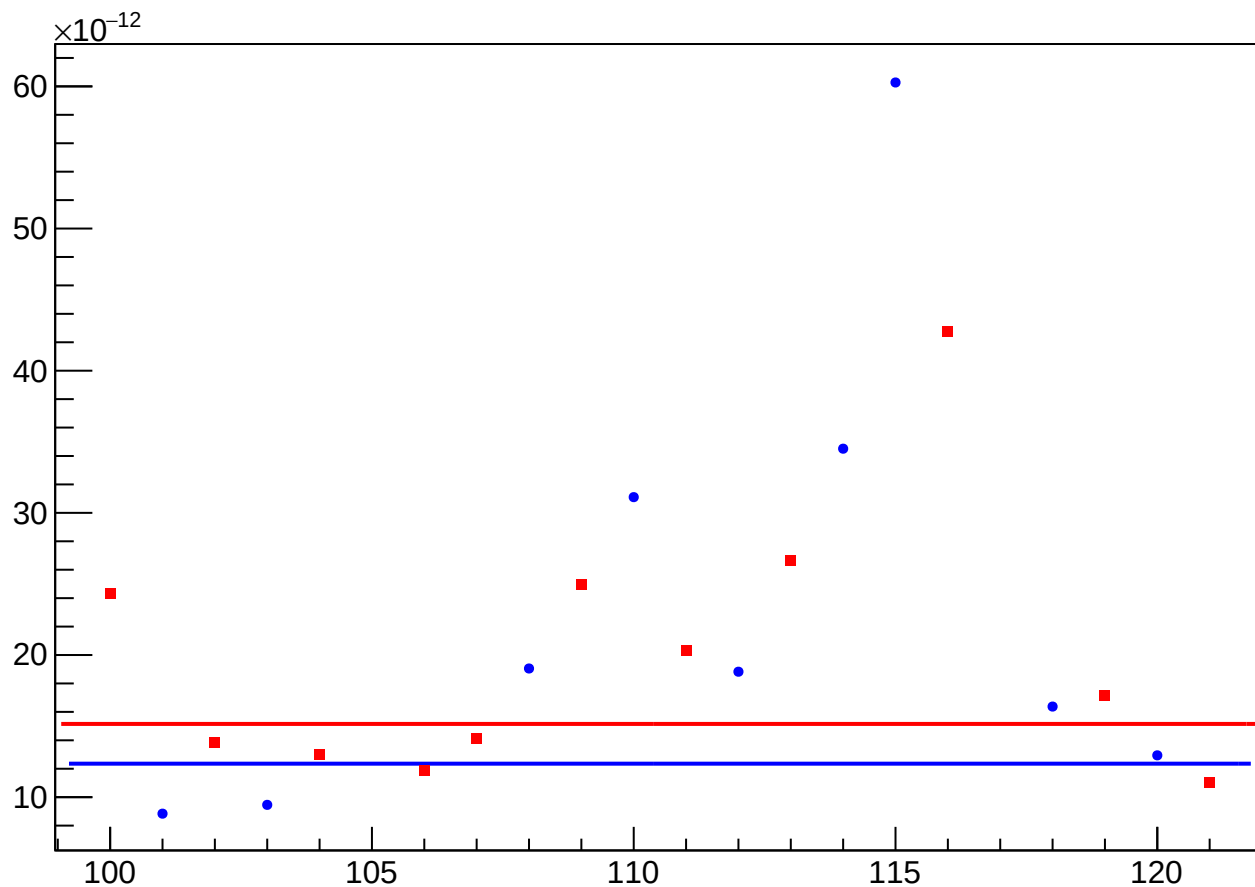
Right: 0.000+/-0.000 χ^2/NDF : 14.2/19

In: 0.000+/-0.000 χ^2/NDF : 2.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.2/19

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 837410.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 634084.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

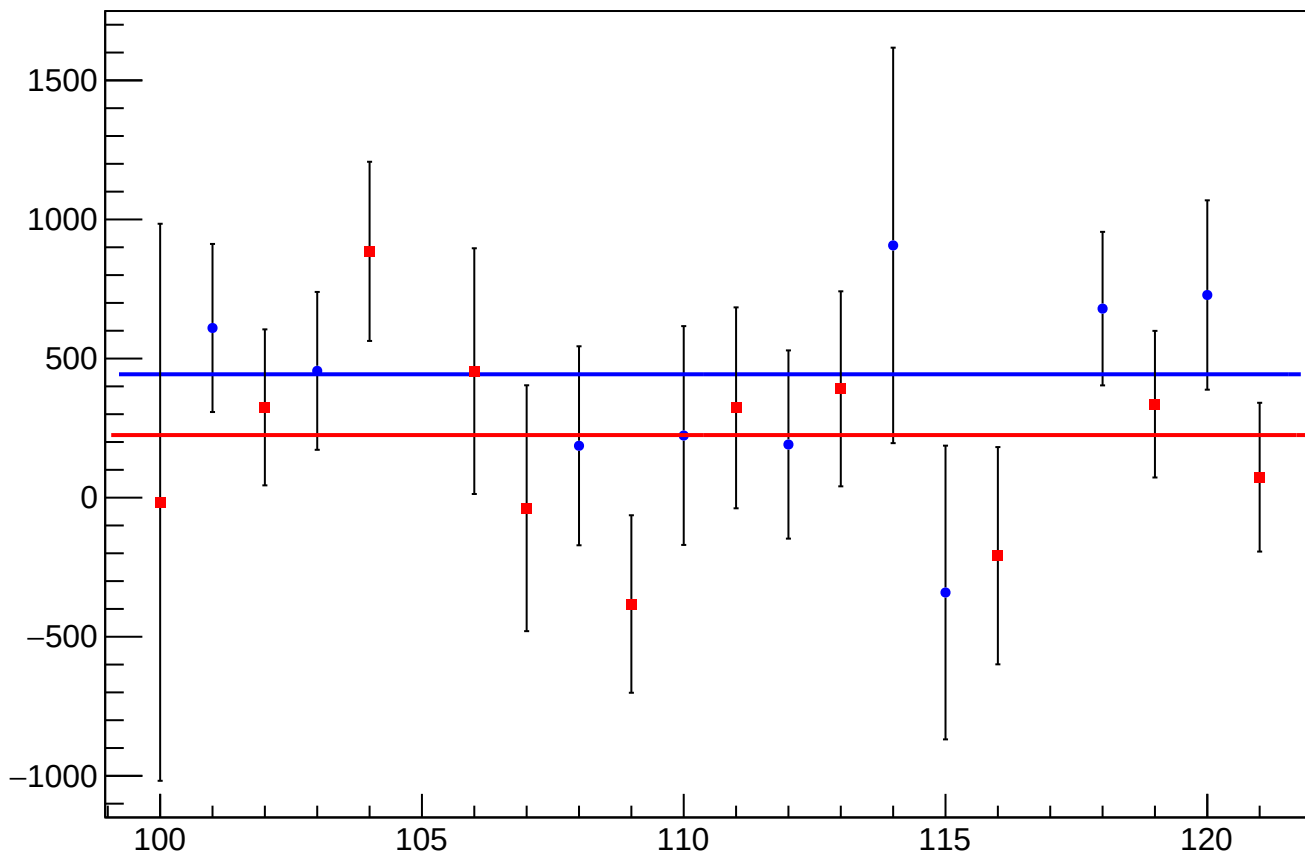
Right: 0.000+/-0.000 χ^2/NDF : 1574097.8/19

In: 0.000+/-0.000 χ^2/NDF : 837410.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1574097.8/19

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 443.471+/-116.463 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.984+/-103.041 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

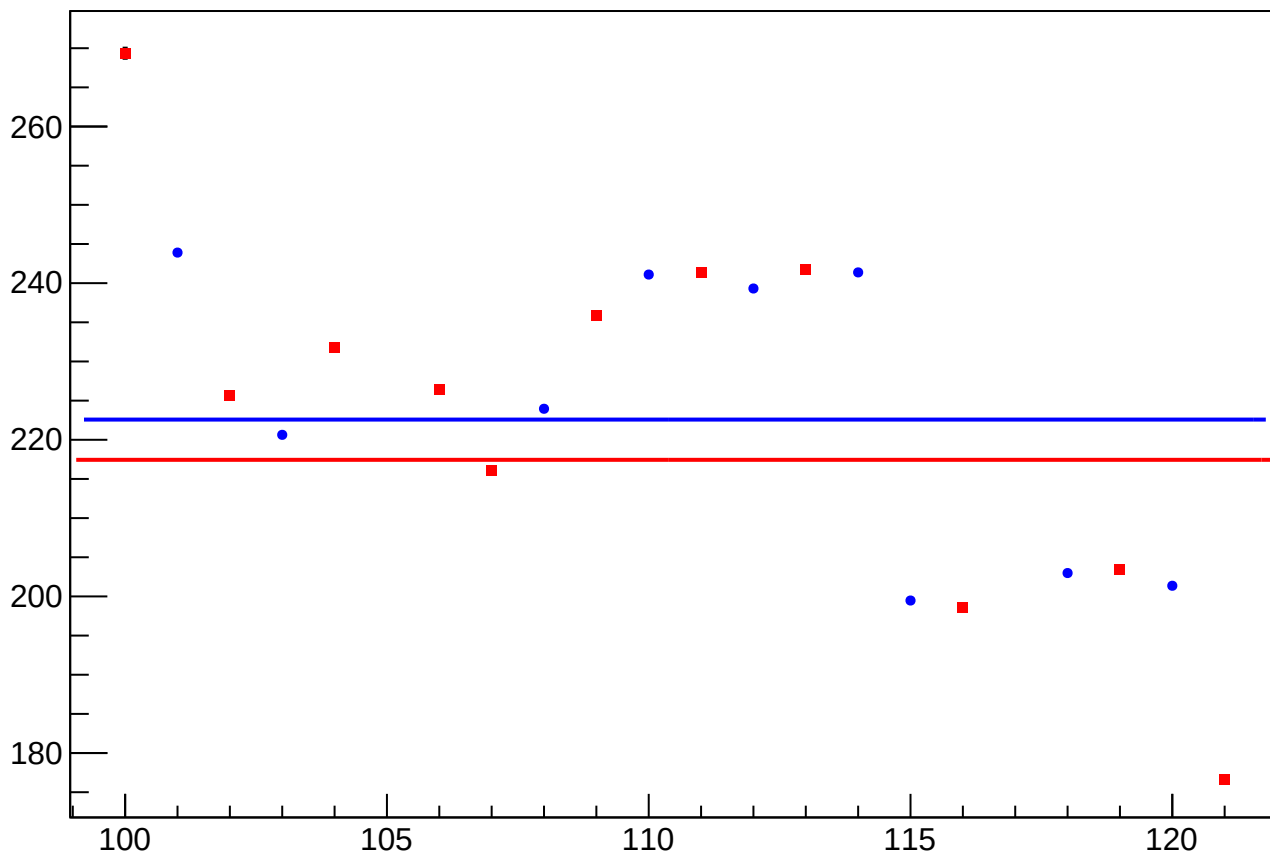
Right: 320.917+/-77.172 χ^2/NDF : 18.4/19

In: 443.471+/-116.463 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.917+/-77.172 χ^2/NDF : 18.4/19

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.441+/-0.073 χ^2/NDF : 93802.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

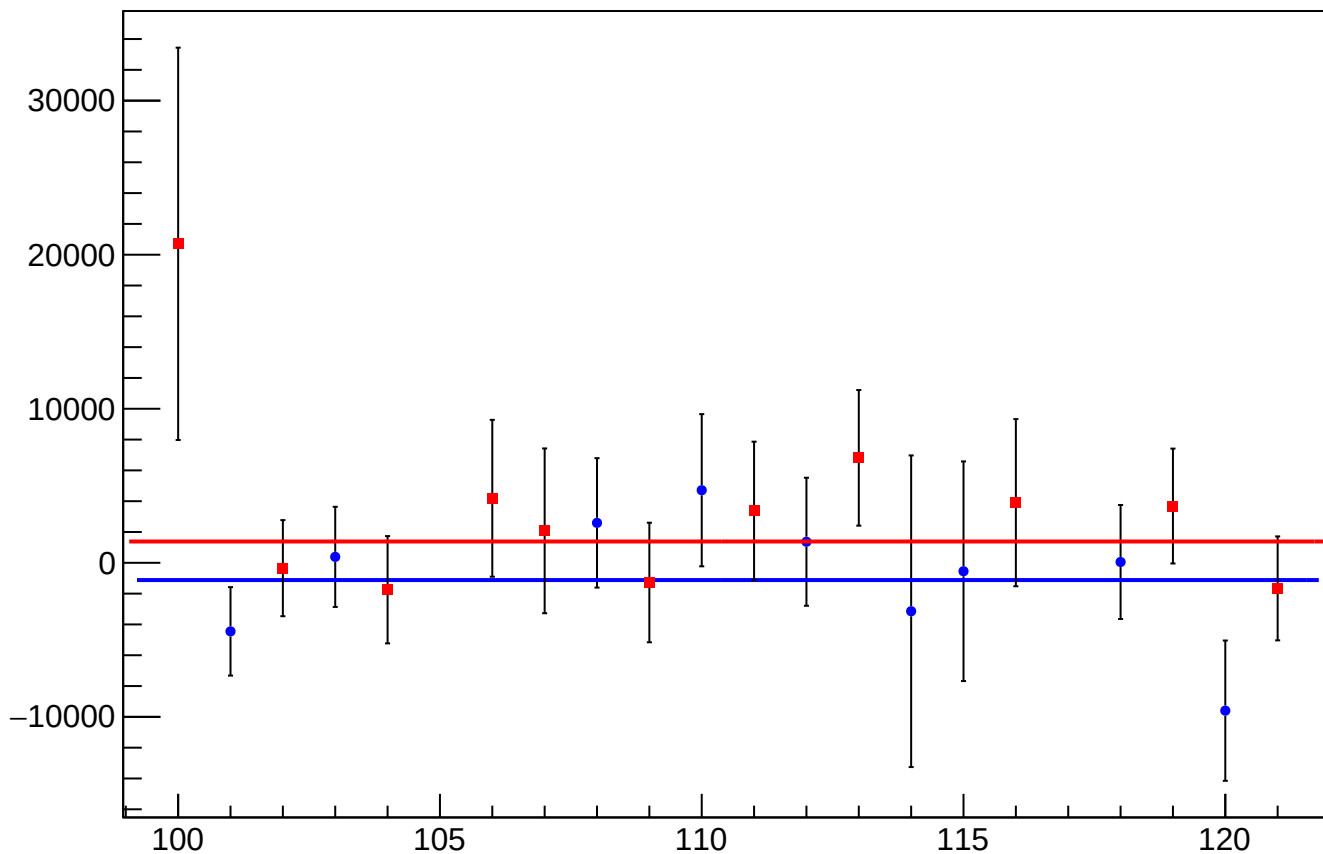
Right: 219.698+/-0.055 χ^2/NDF : 138490.1/19

In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.698+/-0.055 χ^2/NDF : 138490.1/19

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1119.936+/-1383.806 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.657+/-1263.729 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

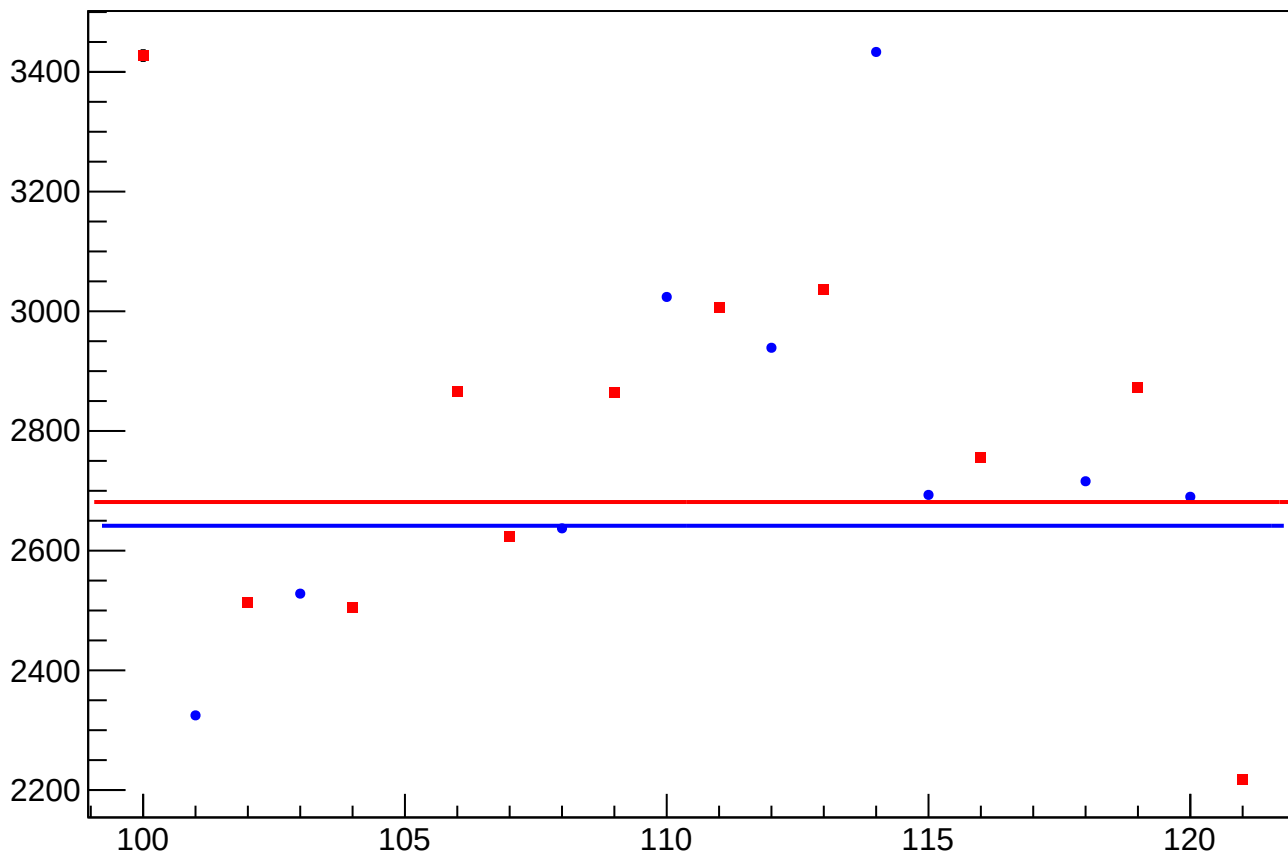
Right: 245.720+/-933.160 χ^2/NDF : 16.8/19

In: -1119.936+/-1383.806 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.720+/-933.160 χ^2/NDF : 16.8/19

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2641.604+/-0.978 χ^2/NDF : 62411.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2681.281+/-0.894 χ^2/NDF : 91969.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

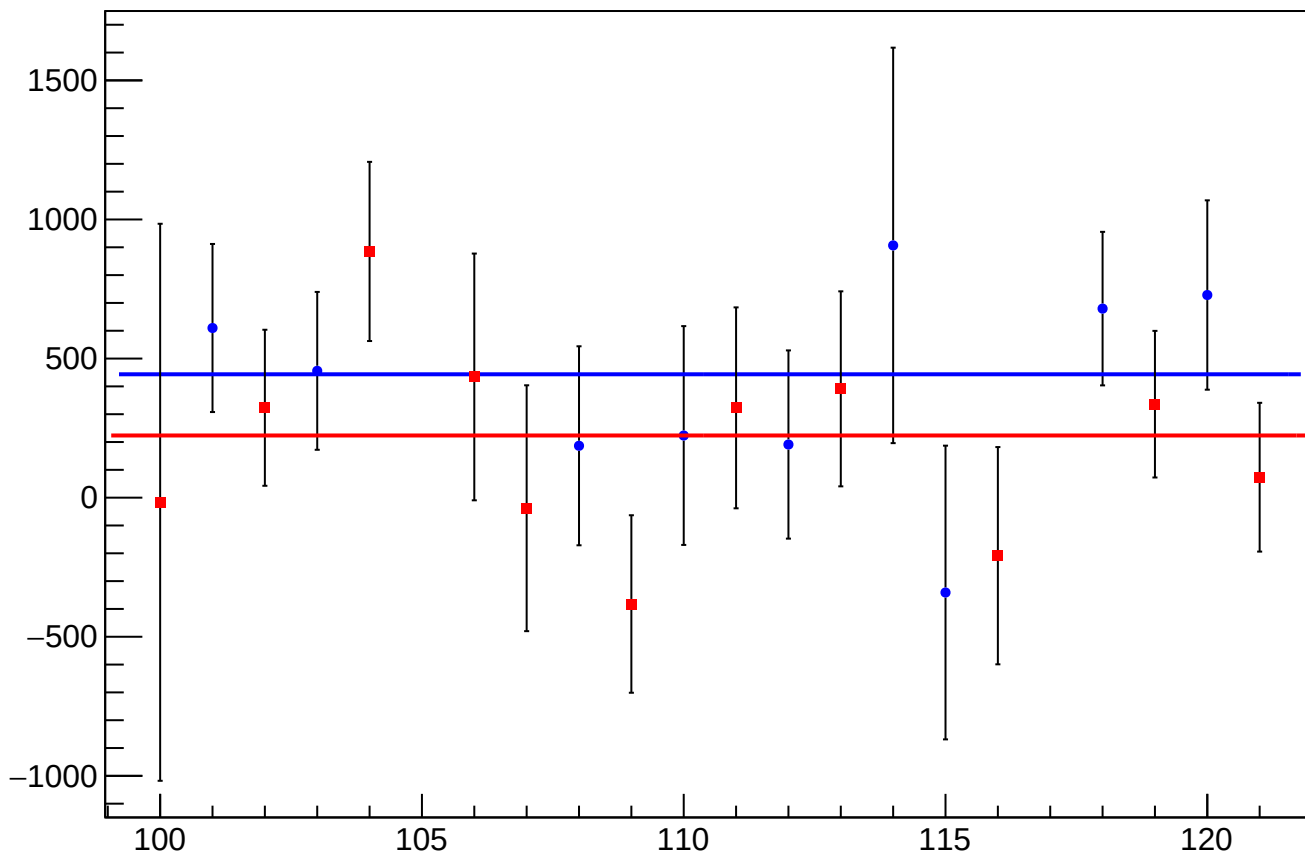
Right: 2663.238+/-0.660 χ^2/NDF : 155277.9/19

In: 2641.604+/-0.978 χ^2/NDF : 62411.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2663.238+/-0.660 χ^2/NDF : 155277.9/19

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 443.505 $\pm$ 116.463 χ^2 /NDF: 5.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 223.529 $\pm$ 103.068 χ^2 /NDF: 10.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

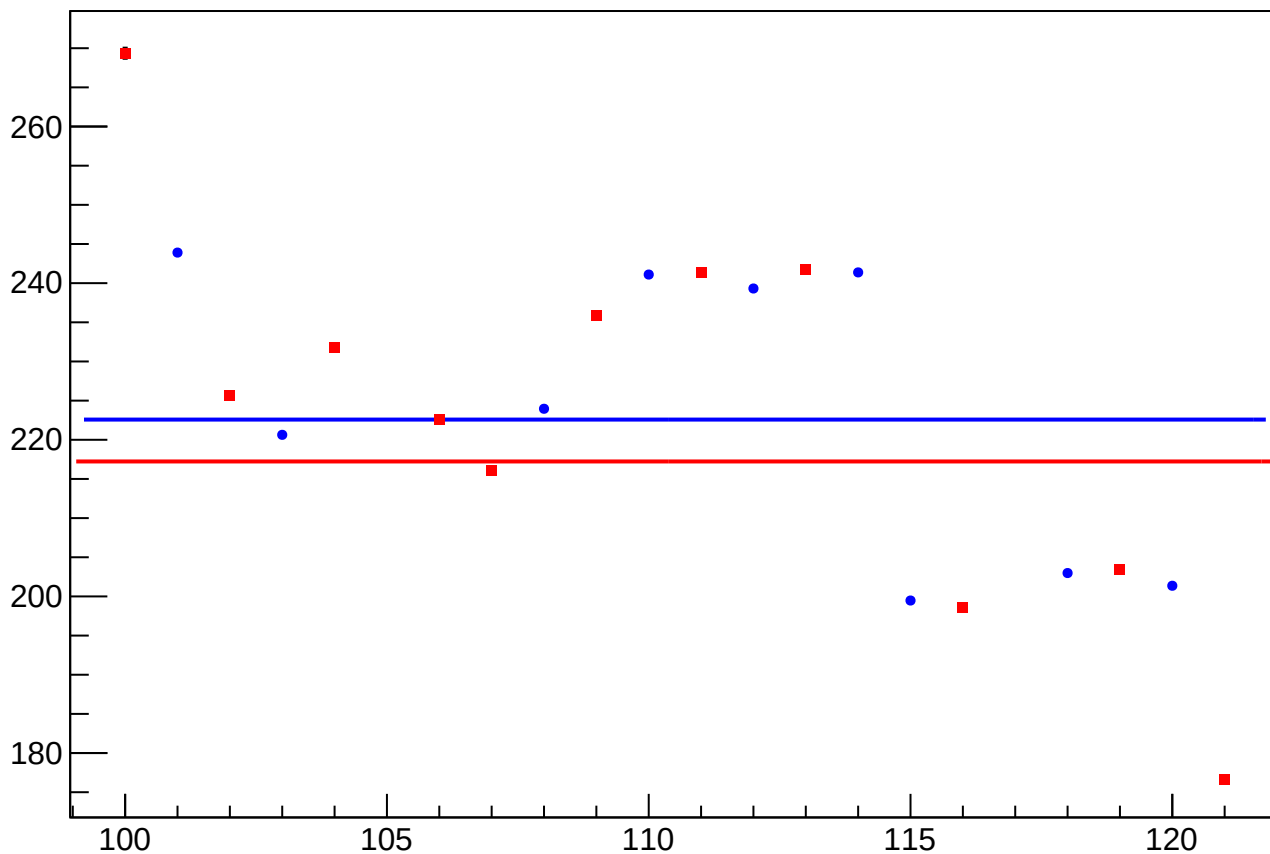
Right: 320.144 $\pm$ 77.184 χ^2 /NDF: 18.4/19

In: 443.505 $\pm$ 116.463 χ^2 /NDF:5.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 320.144 $\pm$ 77.184 χ^2 /NDF: 18.4/19

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.233+/-0.073 χ^2/NDF : 93249.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

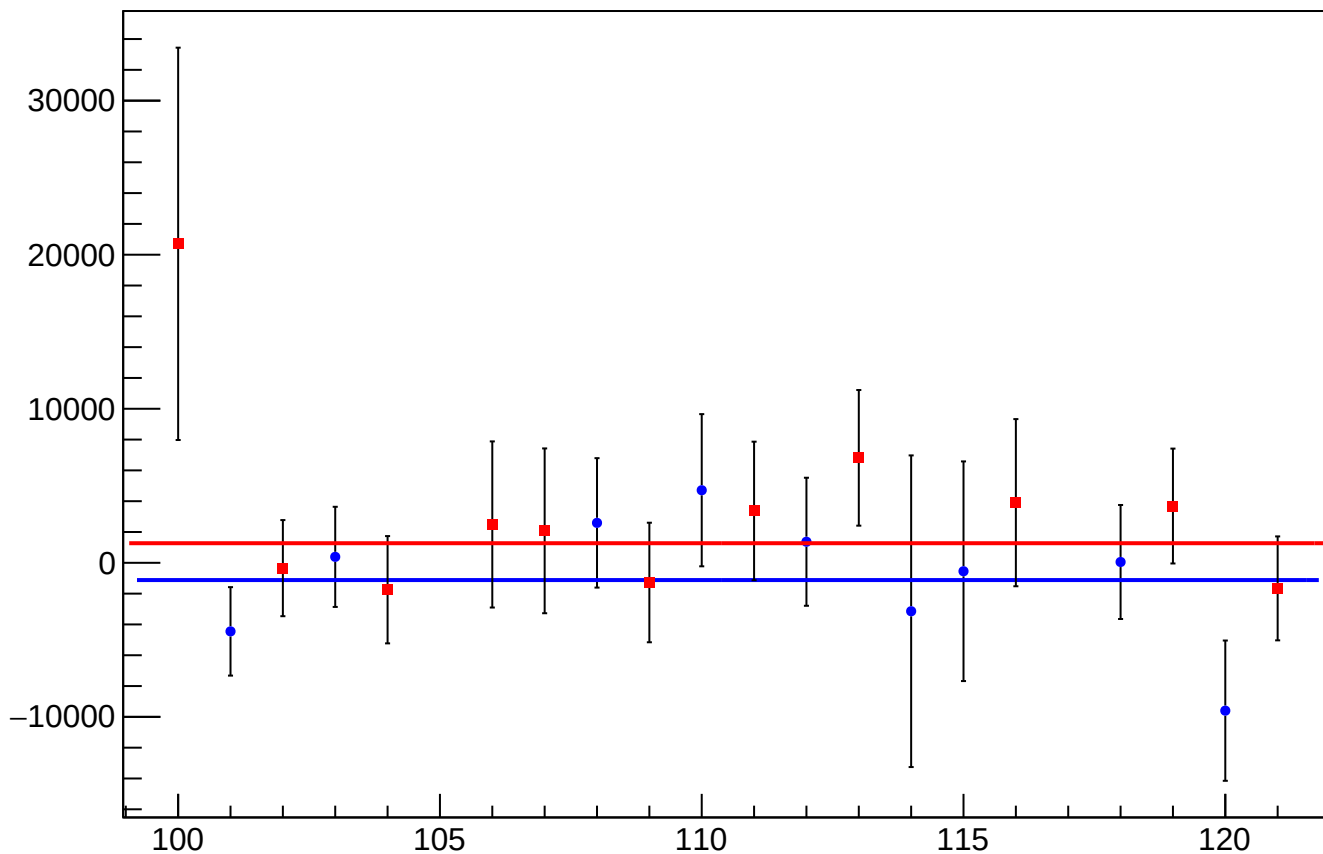
Right: 219.582+/-0.055 χ^2/NDF : 138117.3/19

In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.582+/-0.055 χ^2/NDF : 138117.3/19

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1119.805+/-1383.812 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1272.336+/-1268.059 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

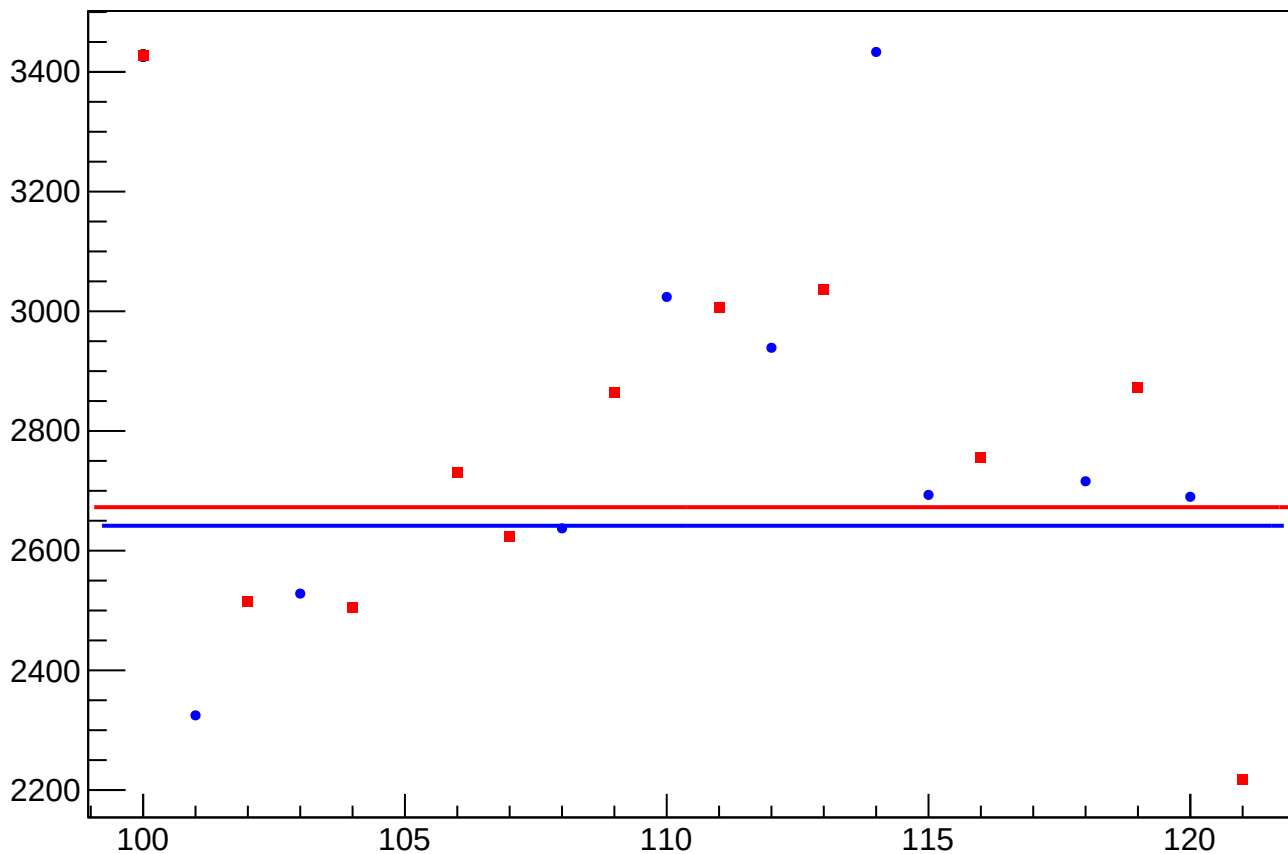
Right: 180.483+/-934.901 χ^2/NDF : 16.4/19

In: -1119.805+/-1383.812 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.483+/-934.901 χ^2/NDF : 16.4/19

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2672.664+/-0.897 χ^2/NDF : 89319.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

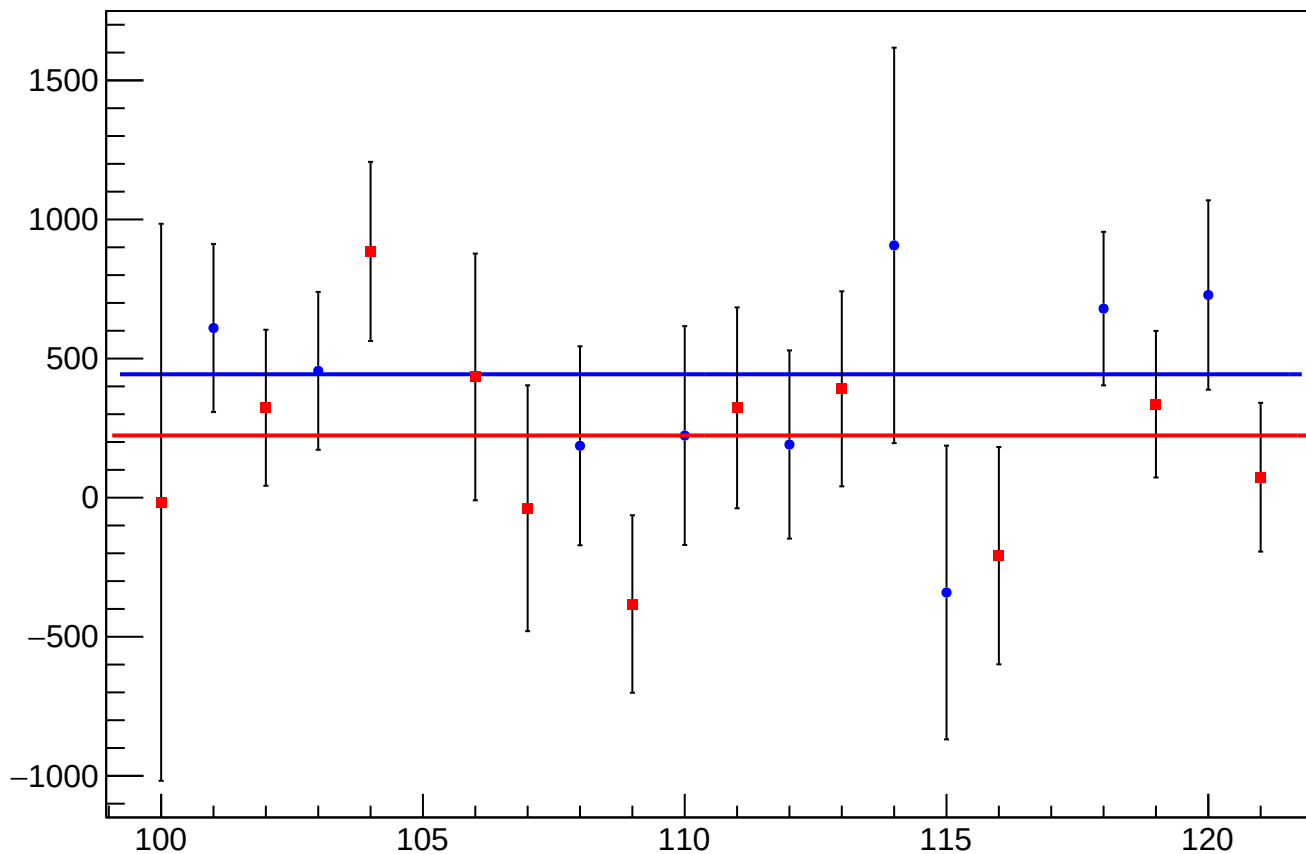
Right: 2658.493+/-0.661 χ^2/NDF : 152275.9/19

In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2658.493+/-0.661 χ^2/NDF : 152275.9/19

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 443.505+/-116.463 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.529+/-103.068 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

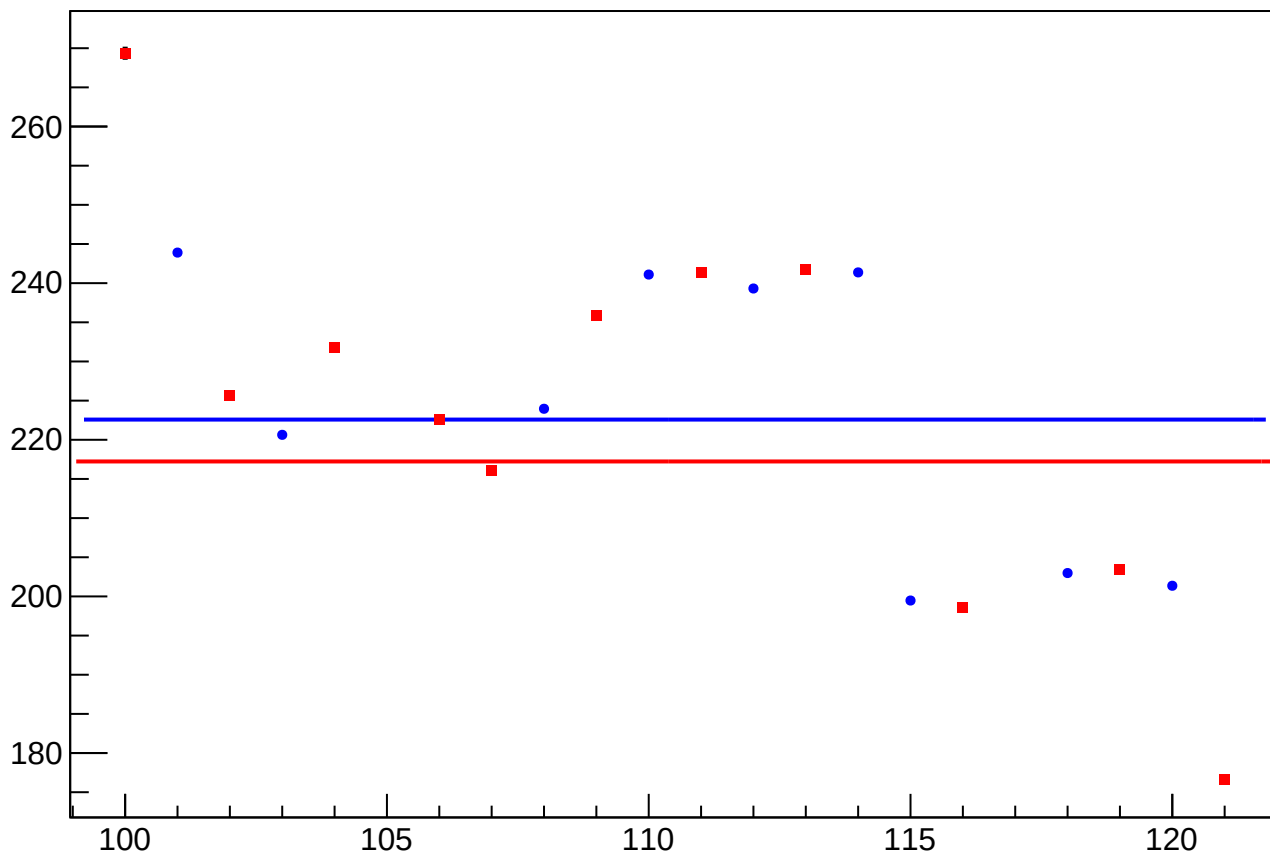
Right: 320.144+/-77.184 χ^2/NDF : 18.4/19

In: 443.505+/-116.463 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.144+/-77.184 χ^2/NDF : 18.4/19

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.233+/-0.073 χ^2/NDF : 93249.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

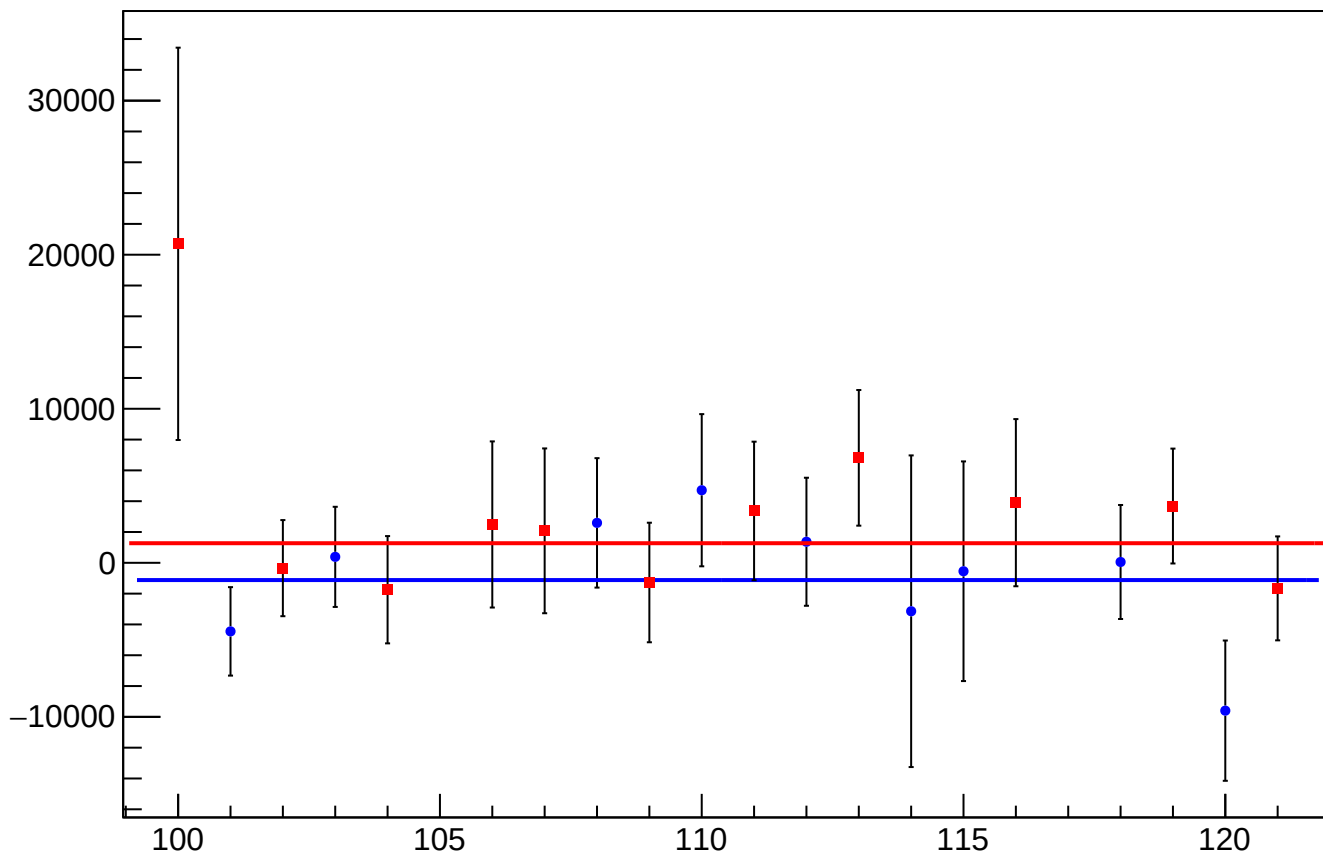
Right: 219.582+/-0.055 χ^2/NDF : 138117.3/19

In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.582+/-0.055 χ^2/NDF : 138117.3/19

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1119.805+/-1383.812 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1272.336+/-1268.059 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

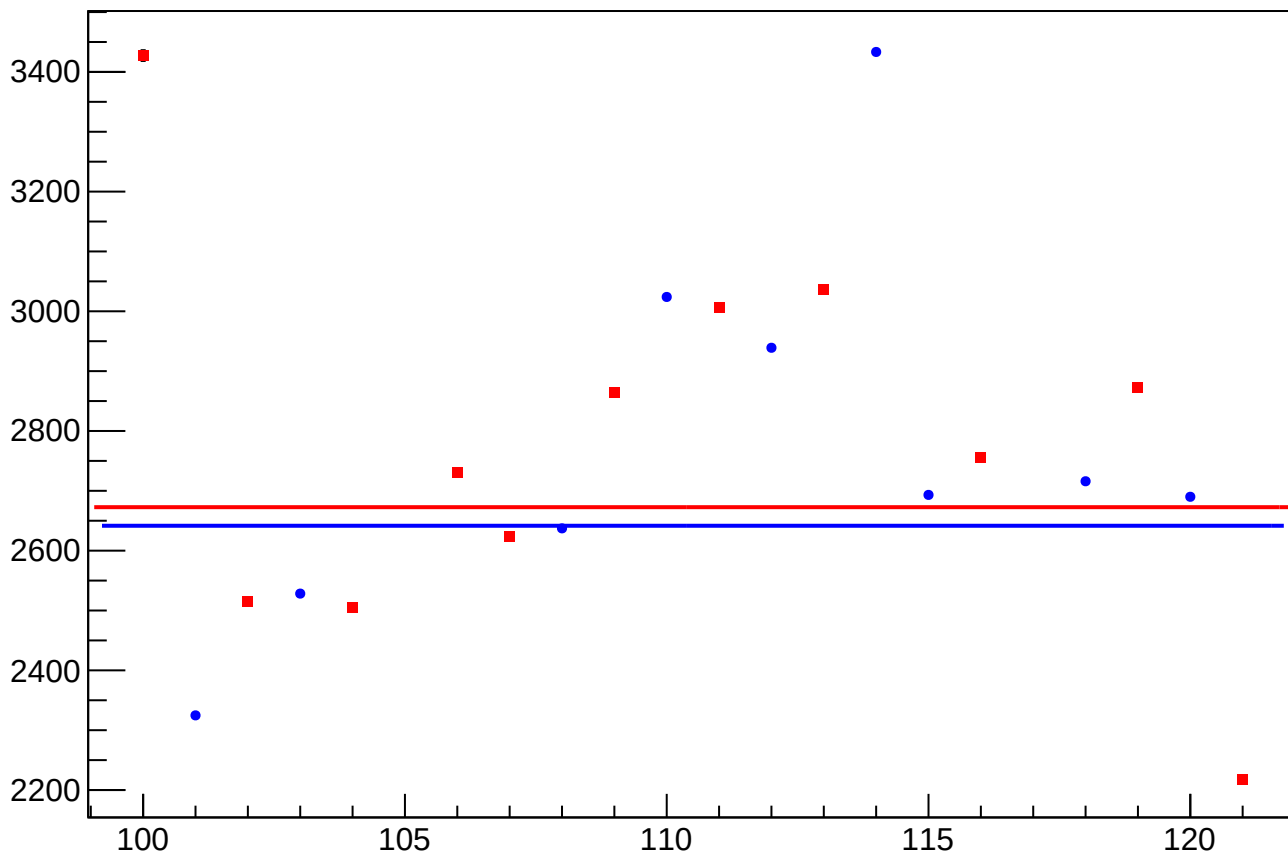
Right: 180.483+/-934.901 χ^2/NDF : 16.4/19

In: -1119.805+/-1383.812 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.483+/-934.901 χ^2/NDF : 16.4/19

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2672.664+/-0.897 χ^2/NDF : 89319.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

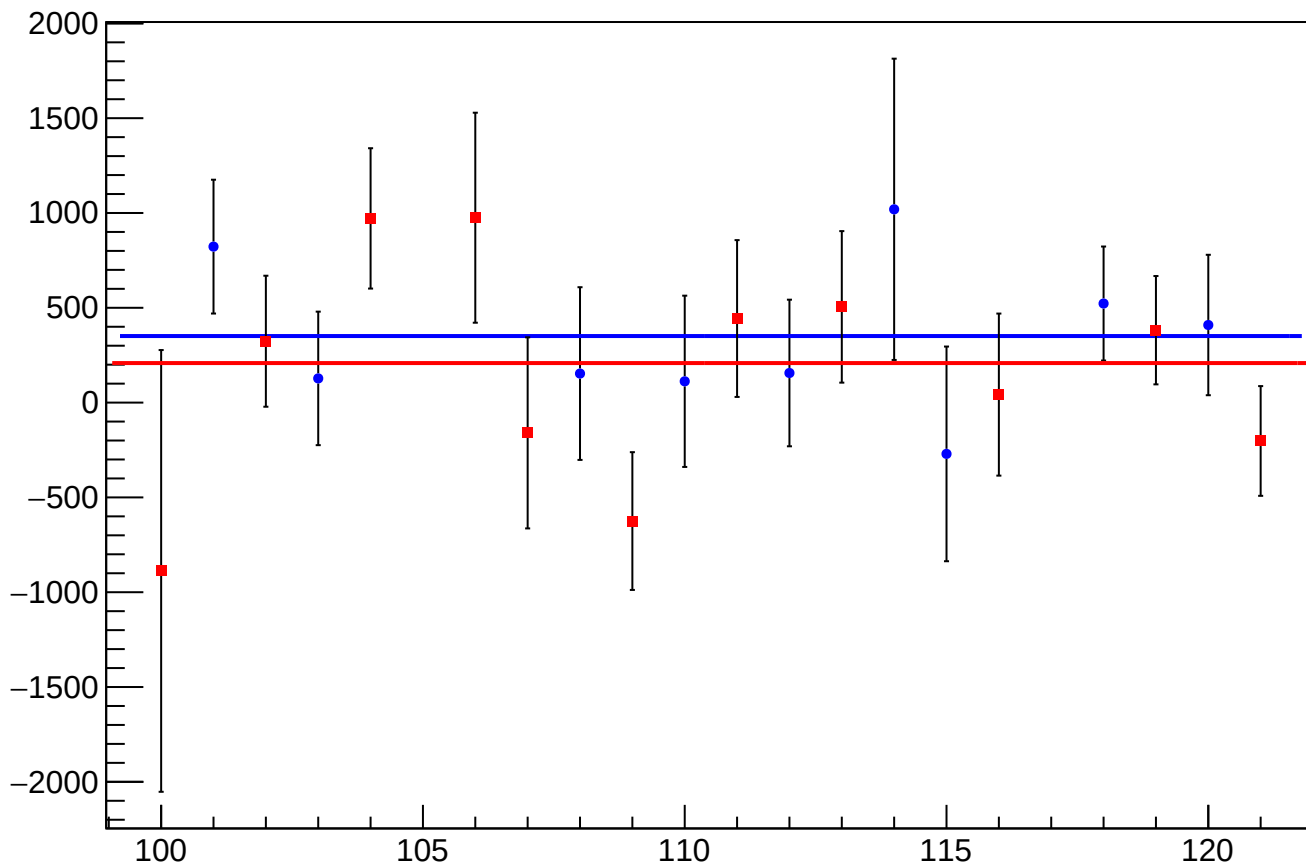
Right: 2658.493+/-0.661 χ^2/NDF : 152275.9/19

In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2658.493+/-0.661 χ^2/NDF : 152275.9/19

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.994+/-134.141 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.493+/-117.057 χ^2/NDF : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

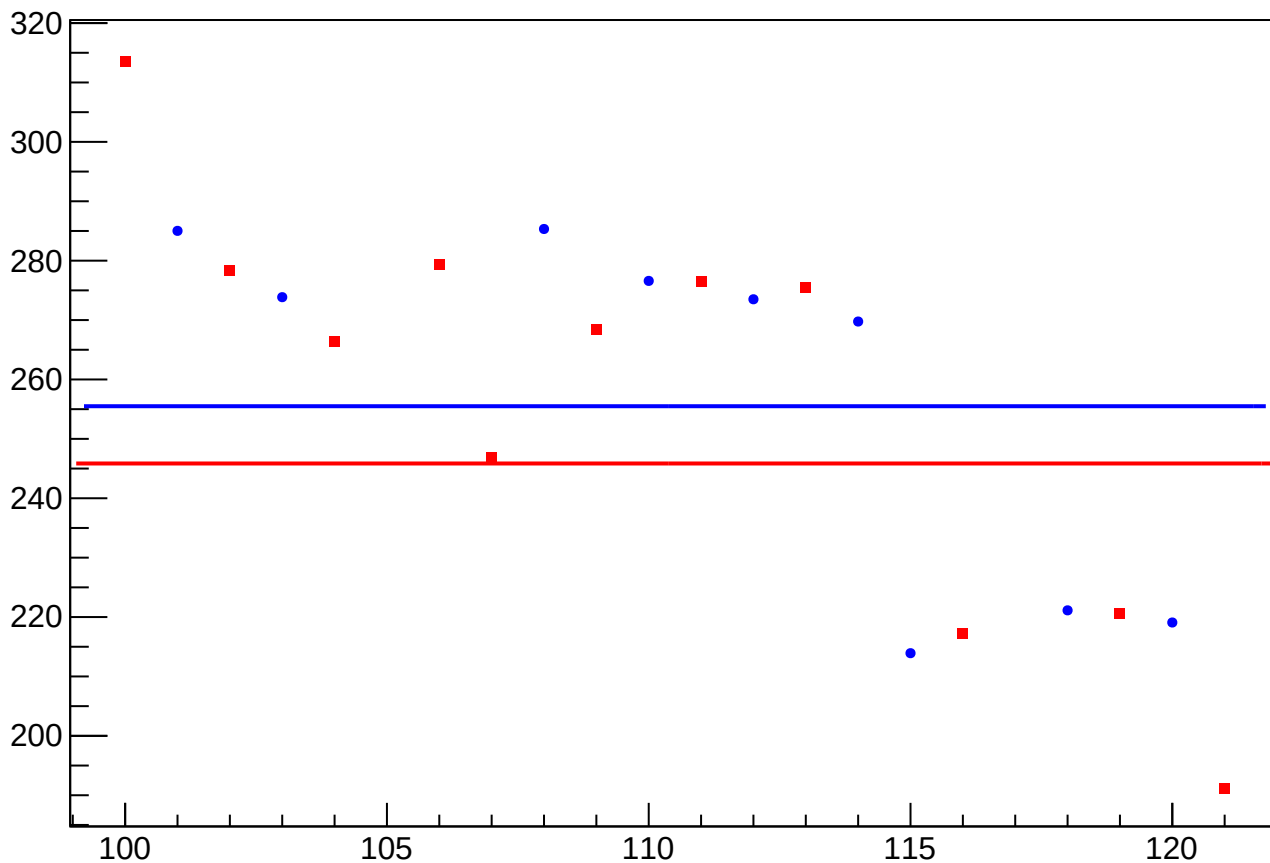
Right: 270.097+/-88.197 χ^2/NDF : 22.2/19

In: 350.994+/-134.141 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.097+/-88.197 χ^2/NDF : 22.2/19

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 255.496+/-0.095 χ^2/NDF : 93635.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.854+/-0.083 χ^2/NDF : 163686.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

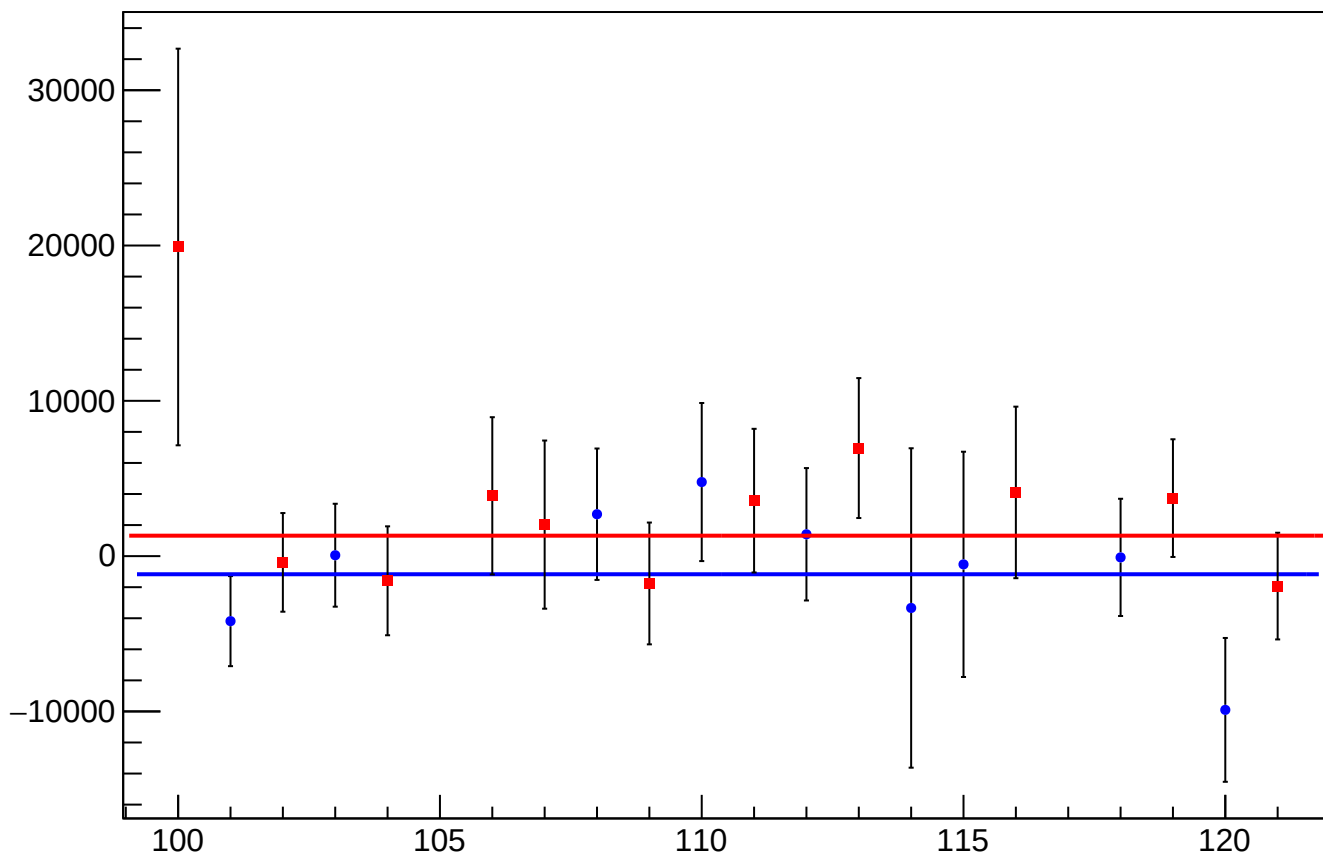
Right: 250.022+/-0.062 χ^2/NDF : 263187.3/19

In: 255.496+/-0.095 χ^2/NDF : 93635.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.022+/-0.062 χ^2/NDF : 263187.3/19

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1166.659 ± 1407.485 χ^2/NDF : 7.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1316.755 ± 1282.585 χ^2/NDF : 7.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

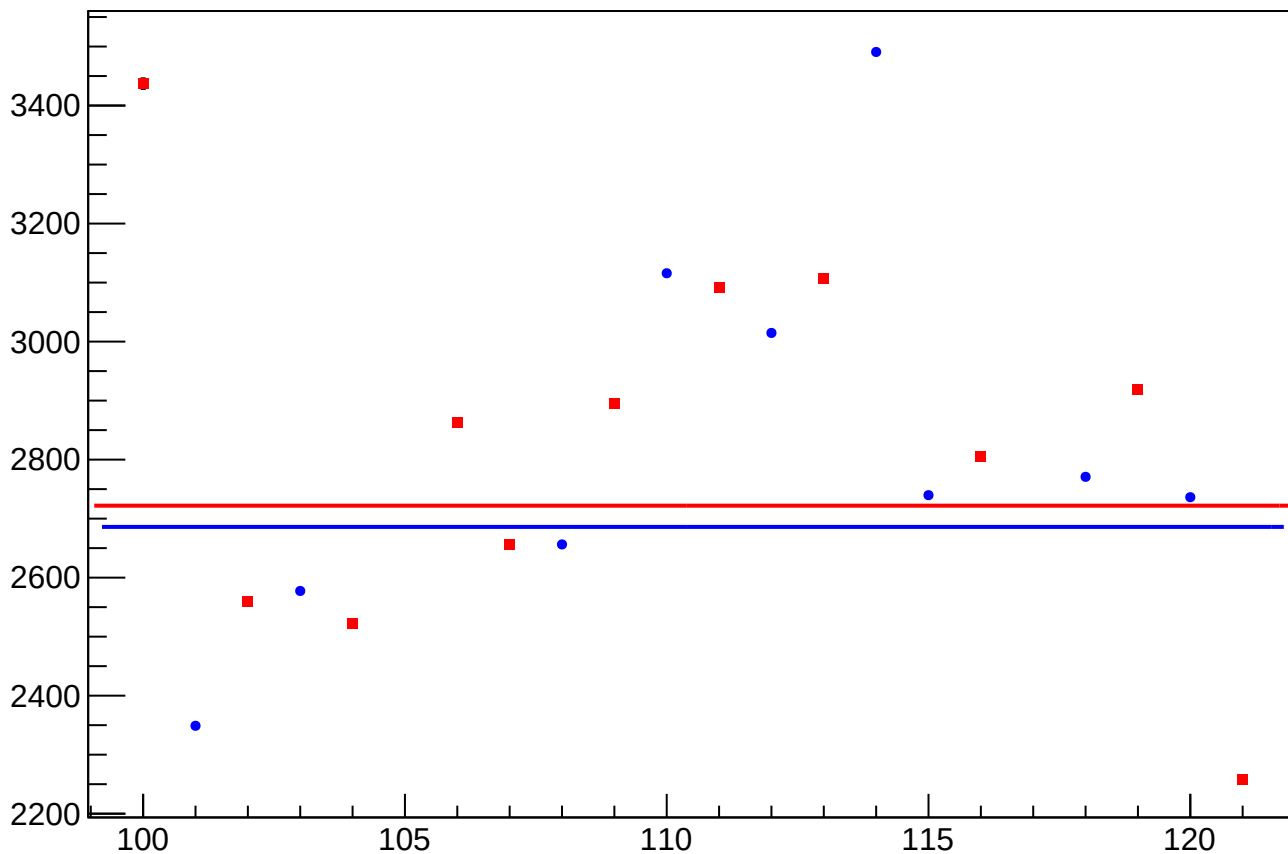
Right: 190.105 ± 948.012 χ^2/NDF : 16.5/19

In: -1166.659 ± 1407.485 χ^2/NDF : 7.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 190.105 ± 948.012 χ^2/NDF : 16.5/19

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2685.978+/-0.995 χ^2/NDF : 69019.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2721.959+/-0.907 χ^2/NDF : 93323.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

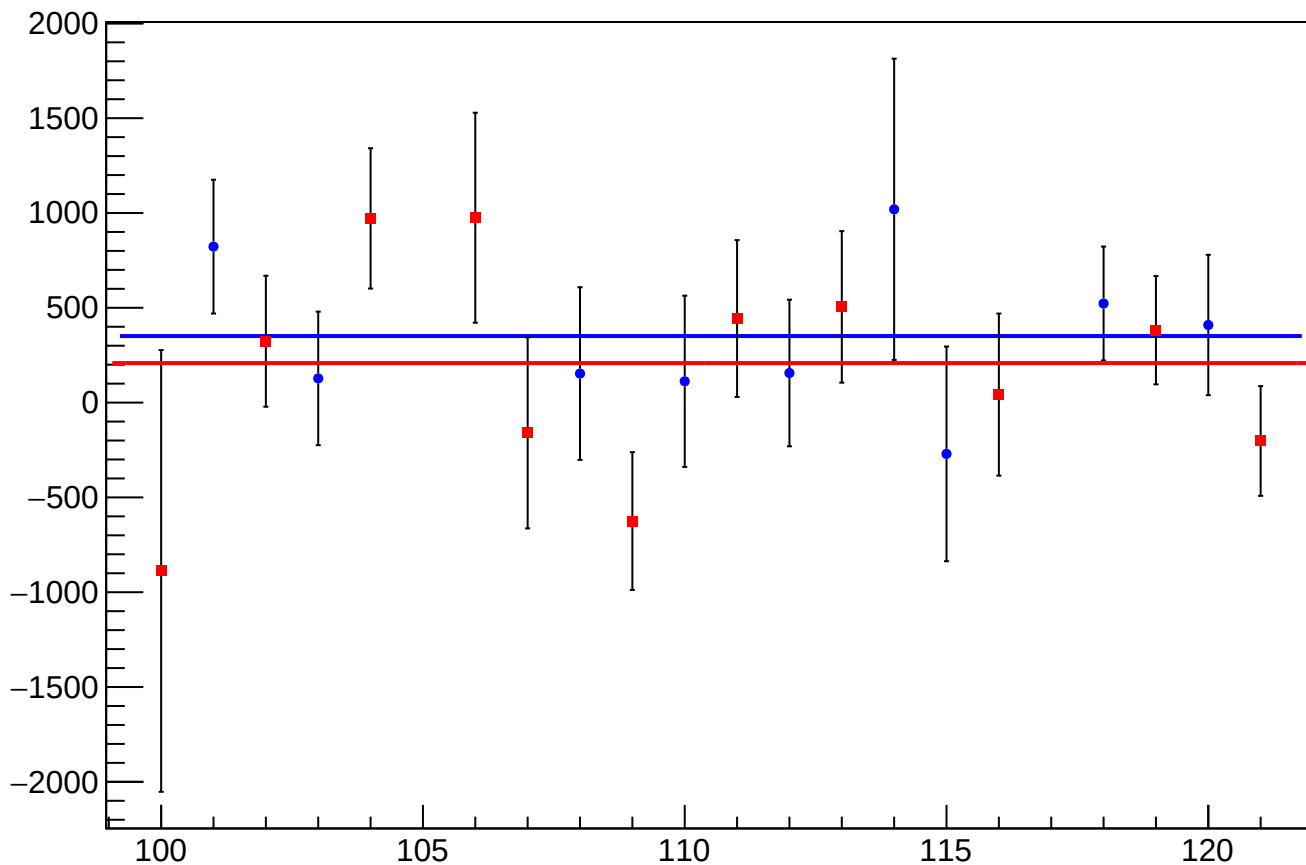
Right: 2705.636+/-0.670 χ^2/NDF : 163057.1/19

In: 2685.978+/-0.995 χ^2/NDF : 69019.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2705.636+/-0.670 χ^2/NDF : 163057.1/19

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.993 $\pm$ 134.140 χ^2 /NDF: 5.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 208.488 $\pm$ 117.056 χ^2 /NDF: 16.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

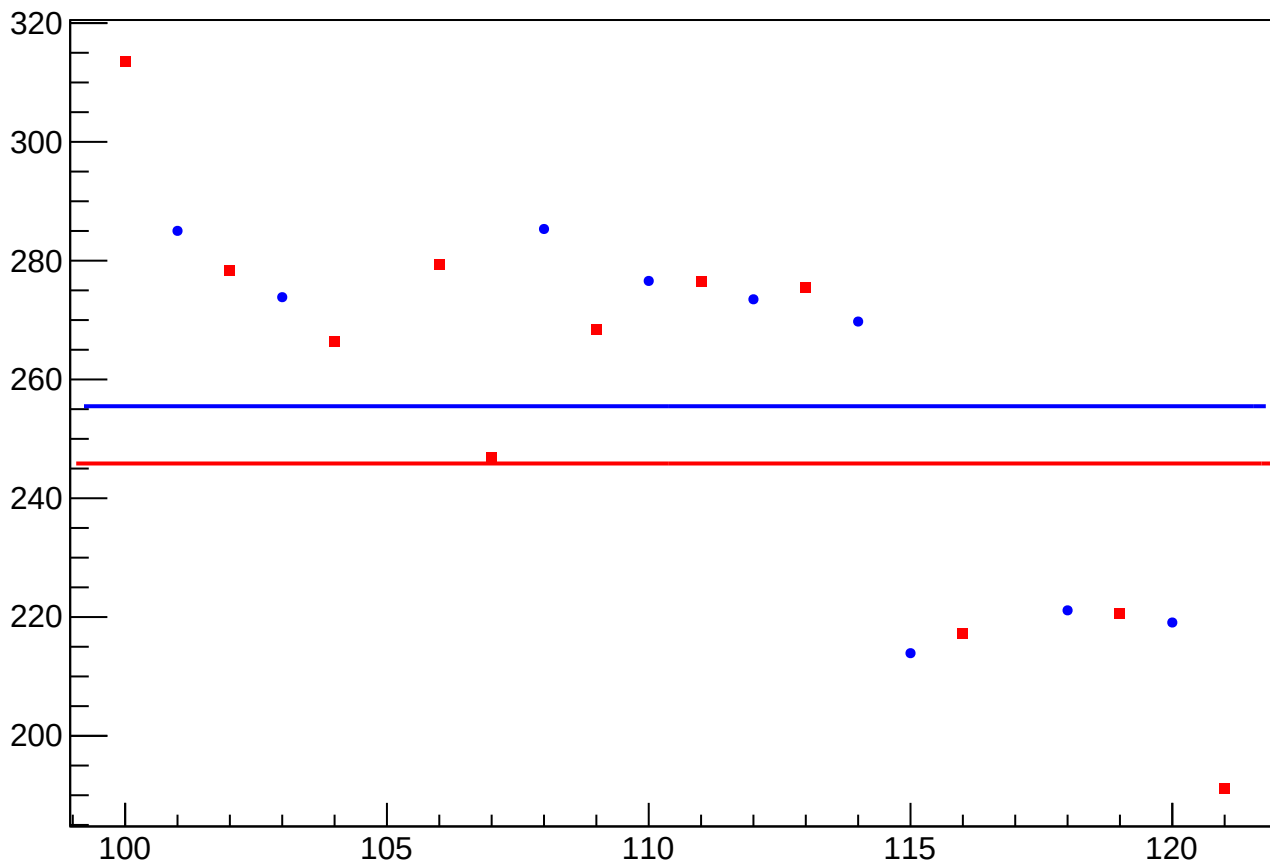
Right: 270.094 $\pm$ 88.197 χ^2 /NDF: 22.2/19

In: 350.993 $\pm$ 134.140 χ^2 /NDF:5.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 270.094 $\pm$ 88.197 χ^2 /NDF: 22.2/19

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 255.494+/-0.095 χ^2/NDF : 93634.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.853+/-0.083 χ^2/NDF : 163680.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

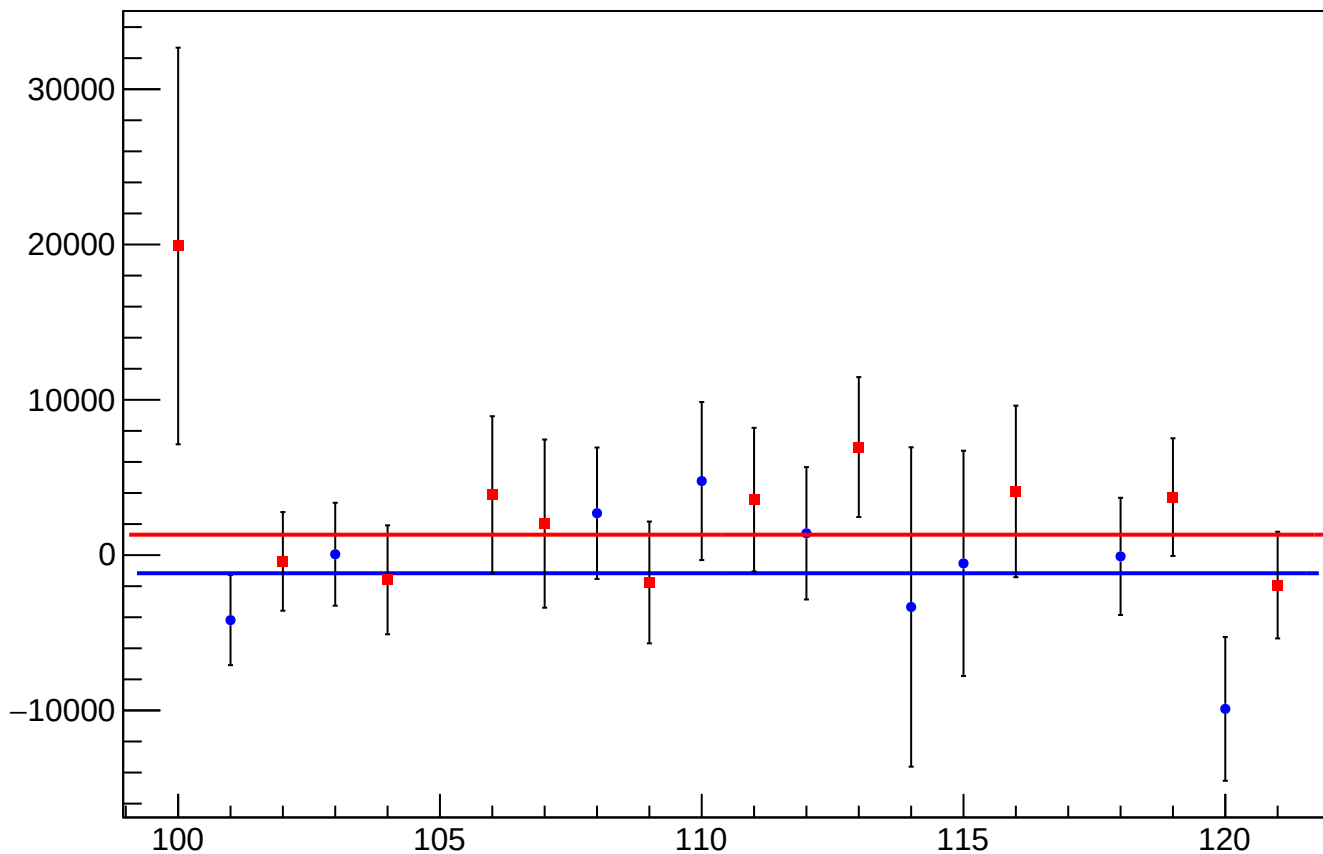
Right: 250.021+/-0.062 χ^2/NDF : 263180.6/19

In: 255.494+/-0.095 χ^2/NDF : 93634.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.021+/-0.062 χ^2/NDF : 263180.6/19

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1166.656+/-1407.482 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.752+/-1282.582 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

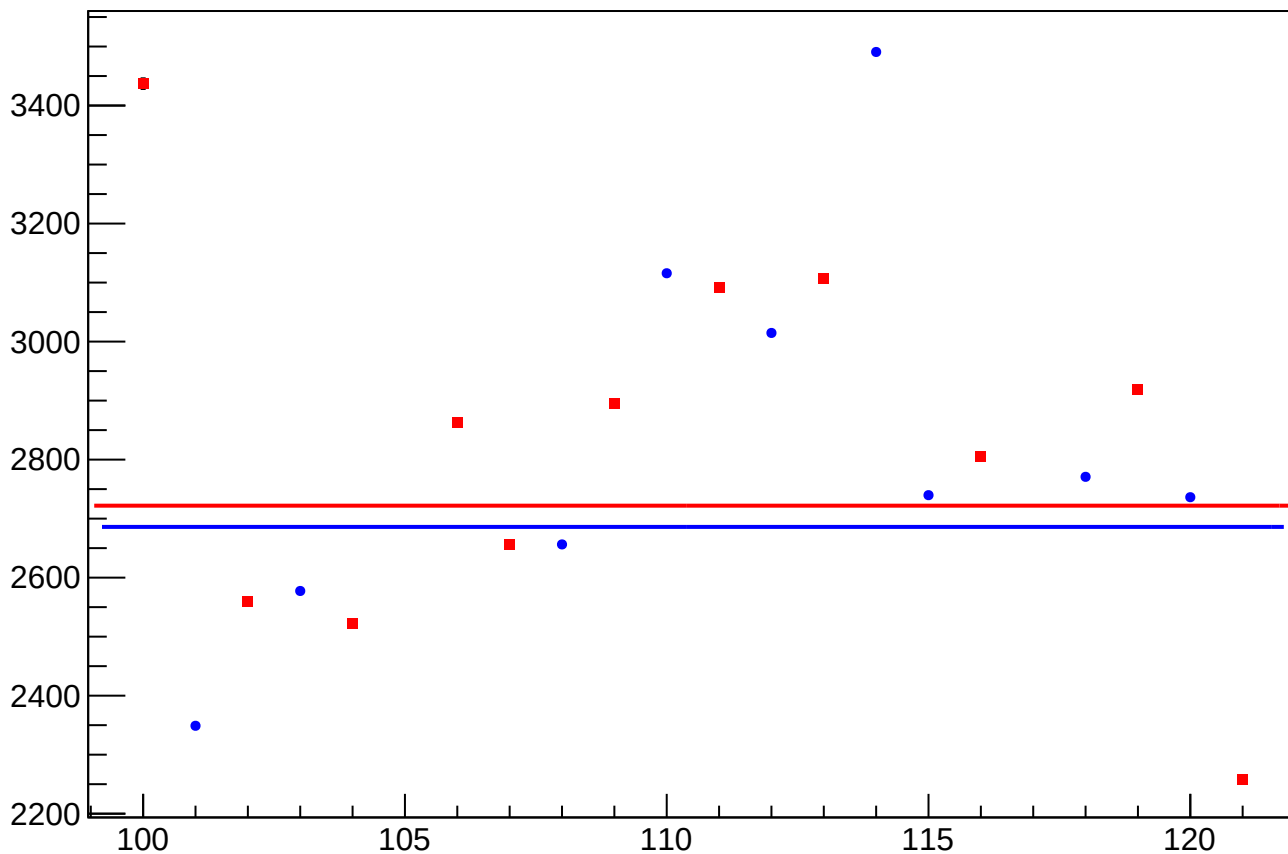
Right: 190.105+/-948.009 χ^2/NDF : 16.5/19

In: -1166.656+/-1407.482 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.105+/-948.009 χ^2/NDF : 16.5/19

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2685.972+/-0.995 χ^2/NDF : 69018.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2721.952+/-0.907 χ^2/NDF : 93322.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

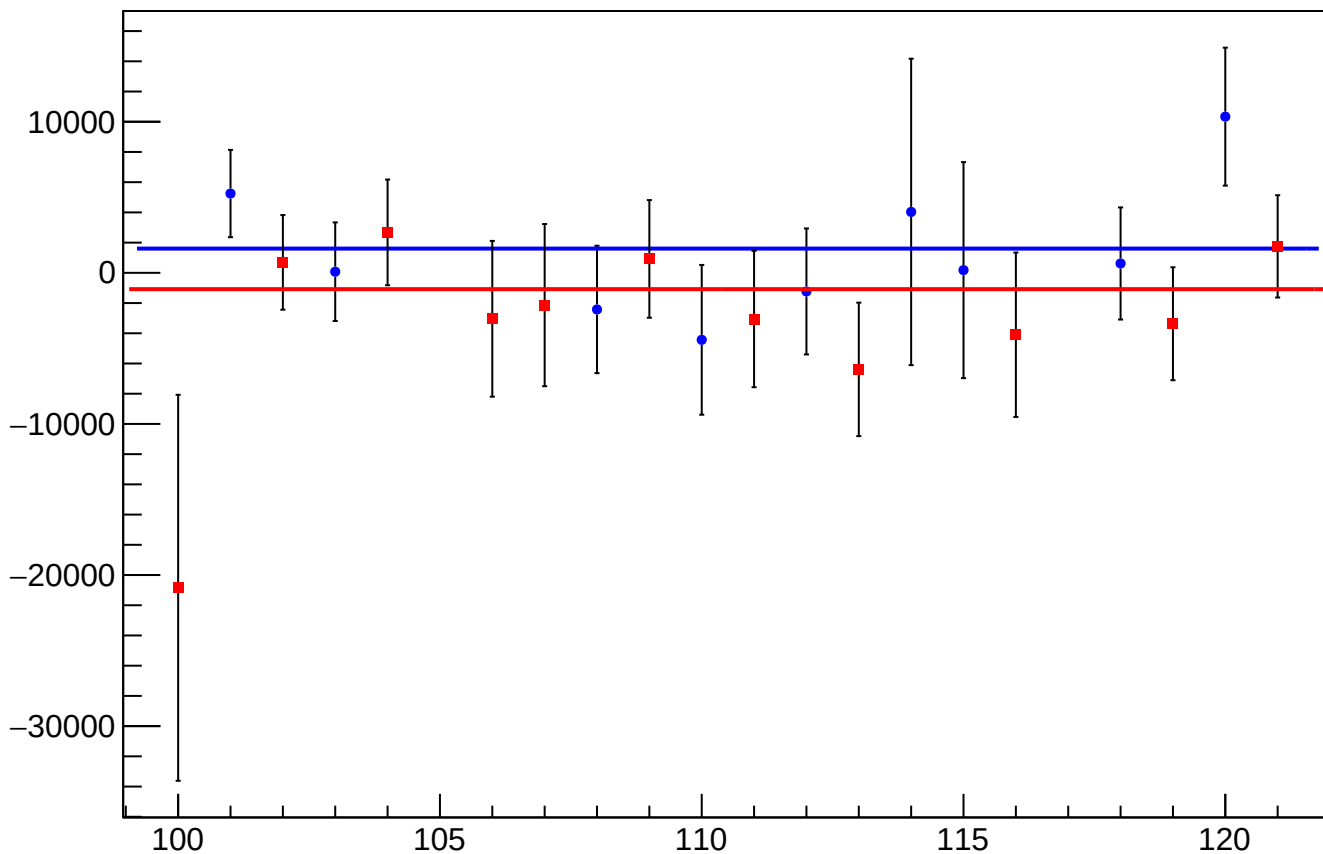
Right: 2705.629+/-0.670 χ^2/NDF : 163054.2/19

In: 2685.972+/-0.995 χ^2/NDF : 69018.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2705.629+/-0.670 χ^2/NDF : 163054.2/19

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1605.334+/-1389.361 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.405+/-1268.803 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

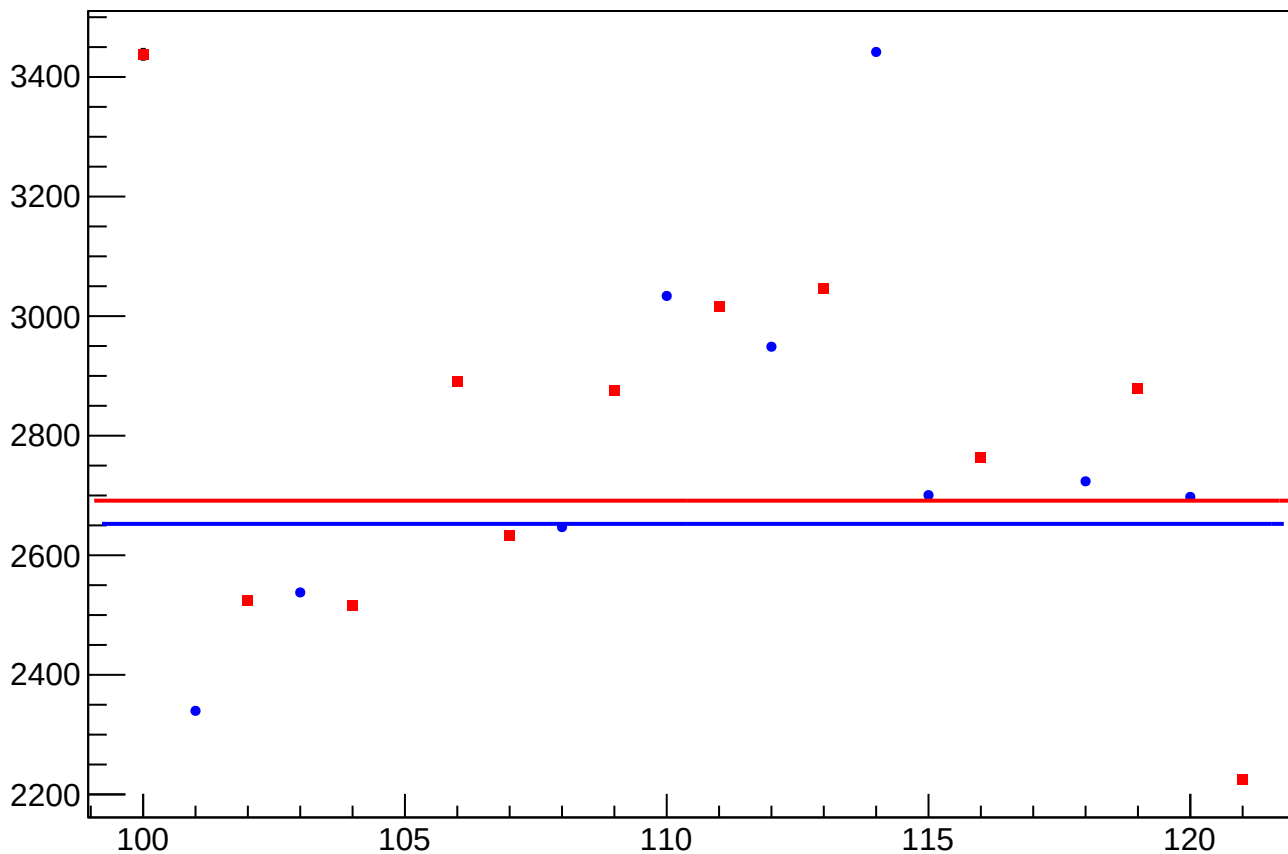
Right: 141.451+/-936.906 χ^2/NDF : 17.9/19

In: 1605.334+/-1389.361 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.451+/-936.906 χ^2/NDF : 17.9/19

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2652.507+/-0.982 χ^2/NDF : 60980.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2691.319+/-0.897 χ^2/NDF : 91883.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

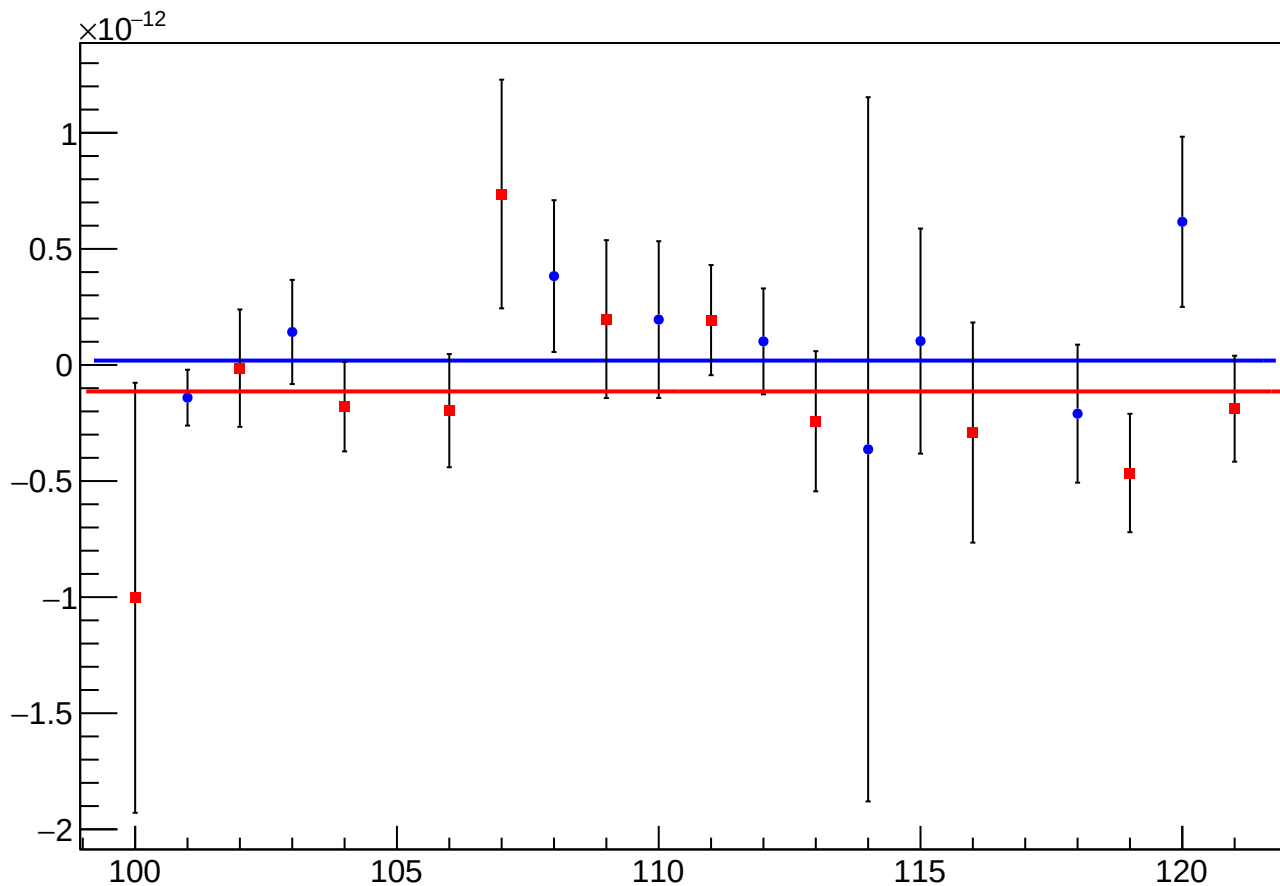
Right: 2673.669+/-0.662 χ^2/NDF : 153714.7/19

In: 2652.507+/-0.982 χ^2/NDF : 60980.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2673.669+/-0.662 χ^2/NDF : 153714.7/19

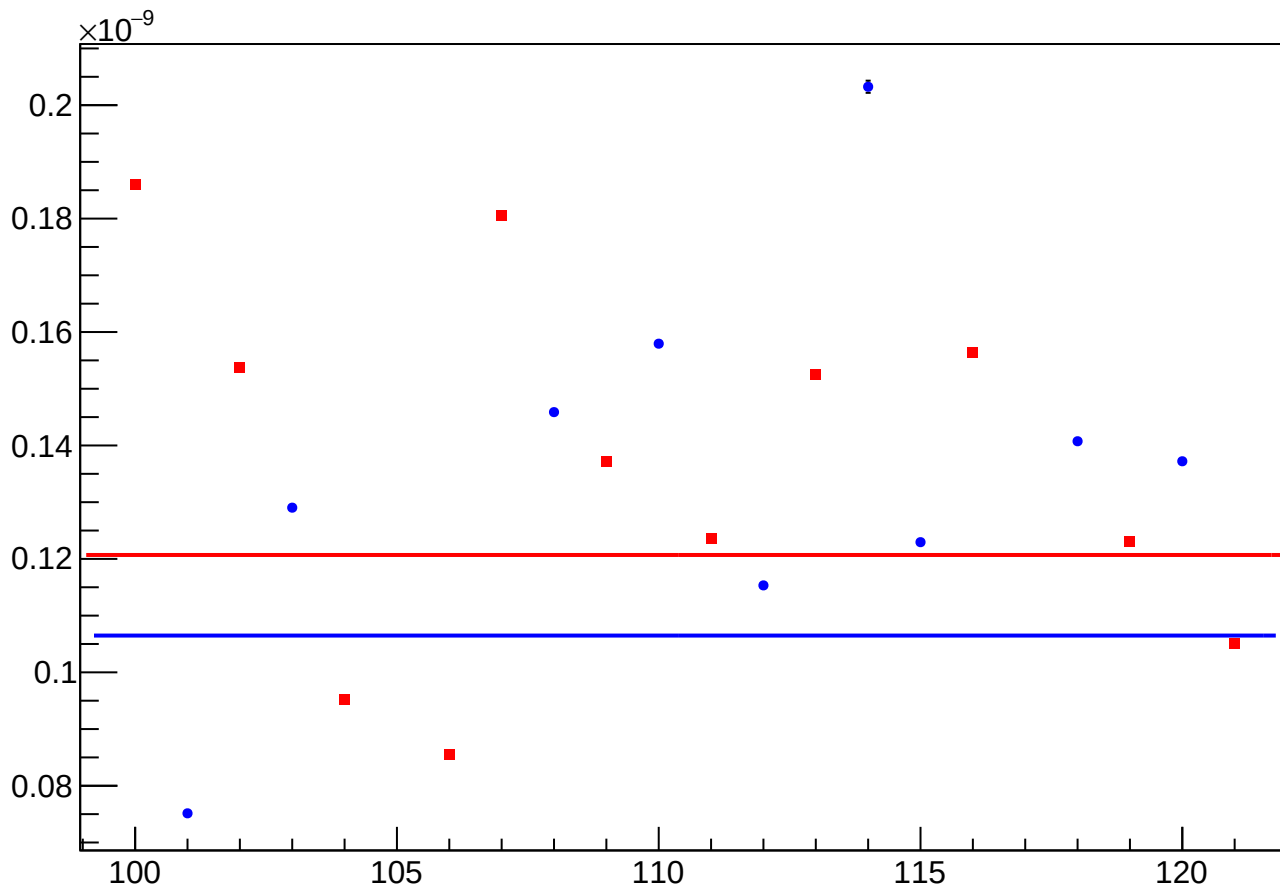
asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 9.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 17.5/19
 In: 0.000+/-0.000 χ^2/NDF : 7.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 17.5/19

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 285597.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 198364.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

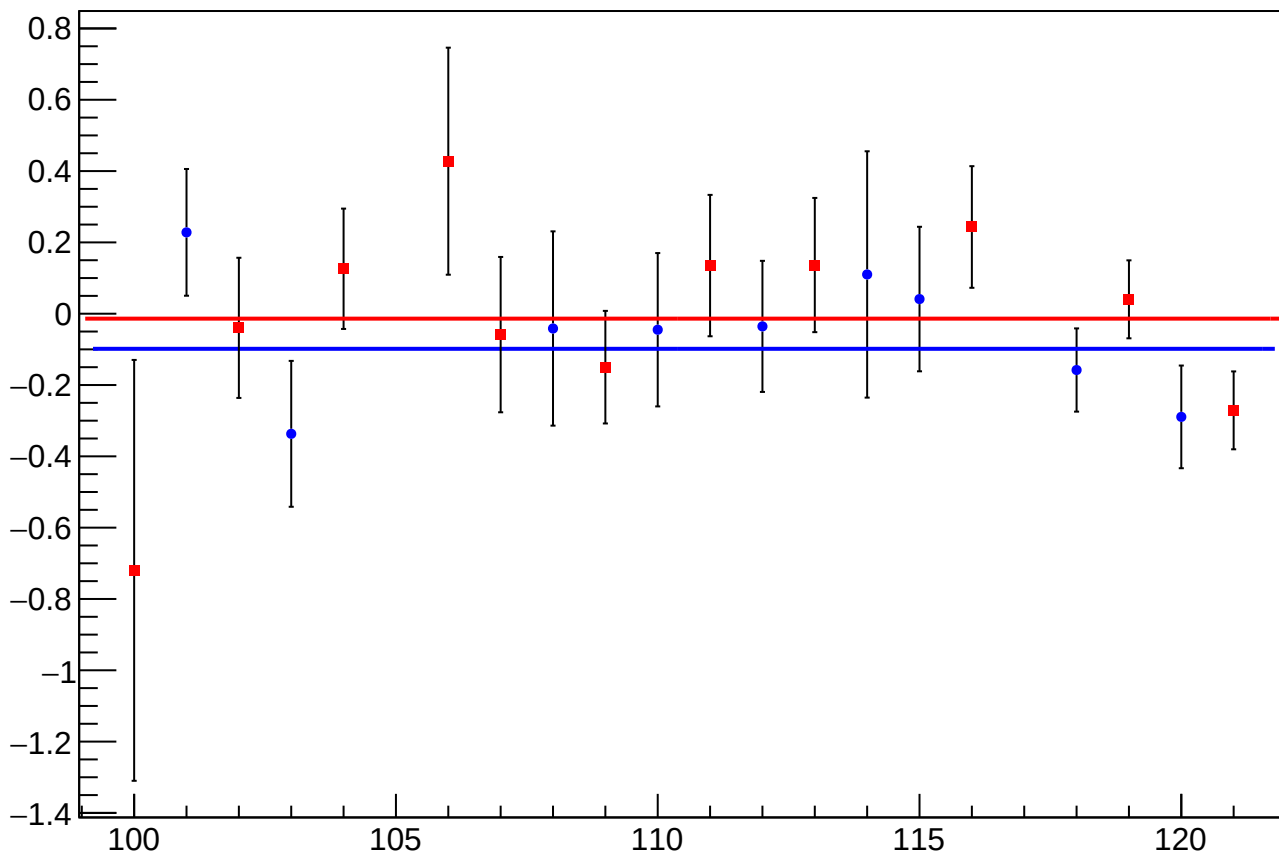
Right: 0.000+/-0.000 χ^2/NDF : 513295.5/19

In: 0.000+/-0.000 χ^2/NDF : 285597.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 513295.5/19

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.051 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

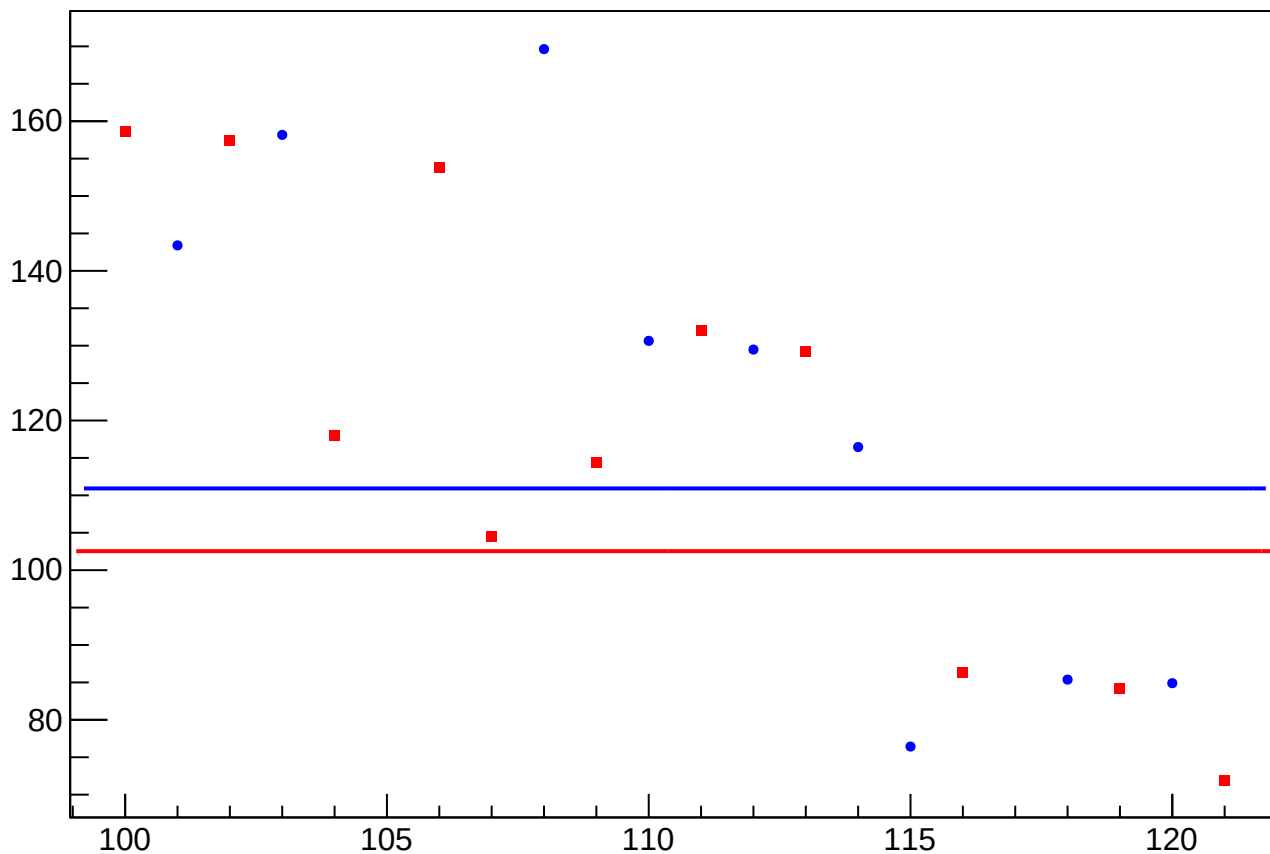
Right: -0.049+/-0.039 χ^2/NDF : 23.1/19

In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.039 χ^2/NDF : 23.1/19

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.540+/-0.036 χ^2/NDF : 570263.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

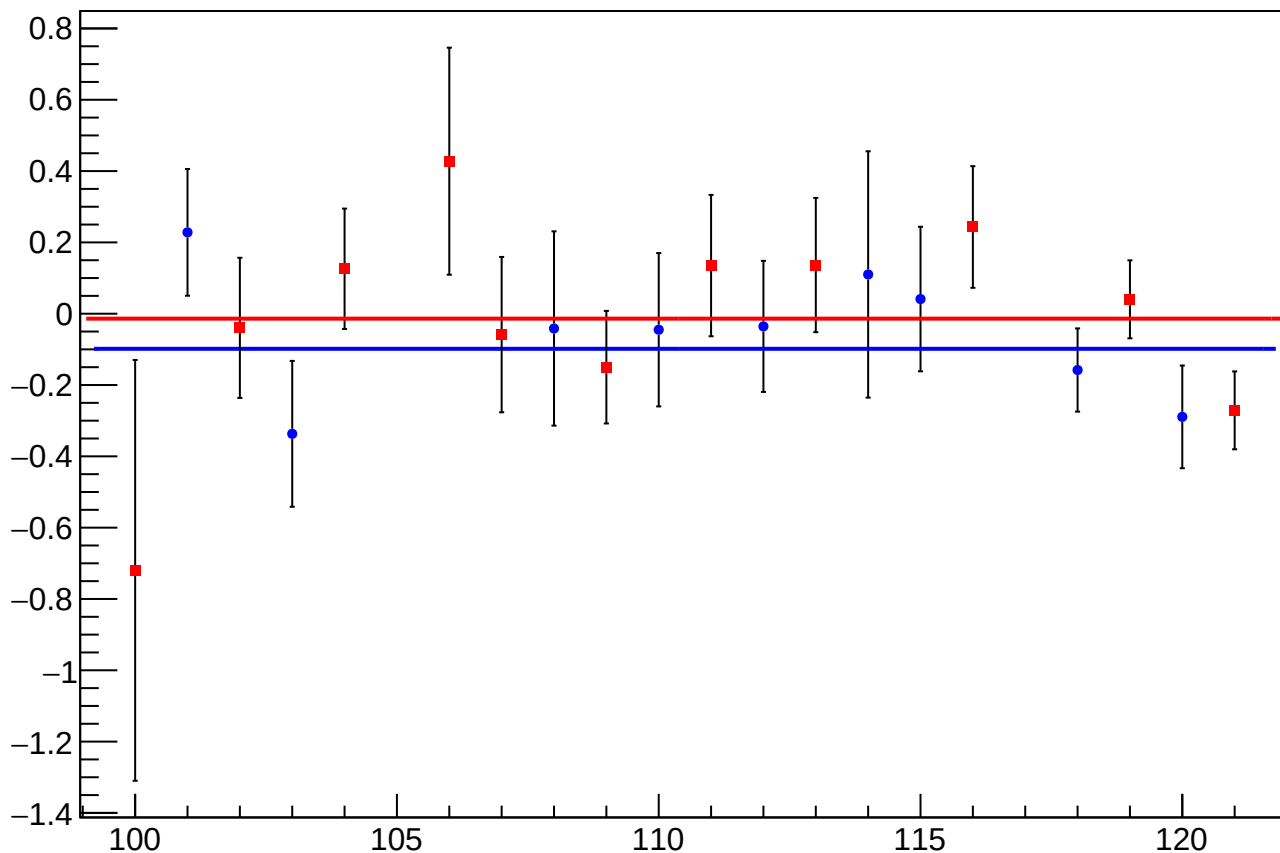
Right: 106.001+/-0.027 χ^2/NDF : 1116104.2/19

In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.001+/-0.027 χ^2/NDF : 1116104.2/19

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.051 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

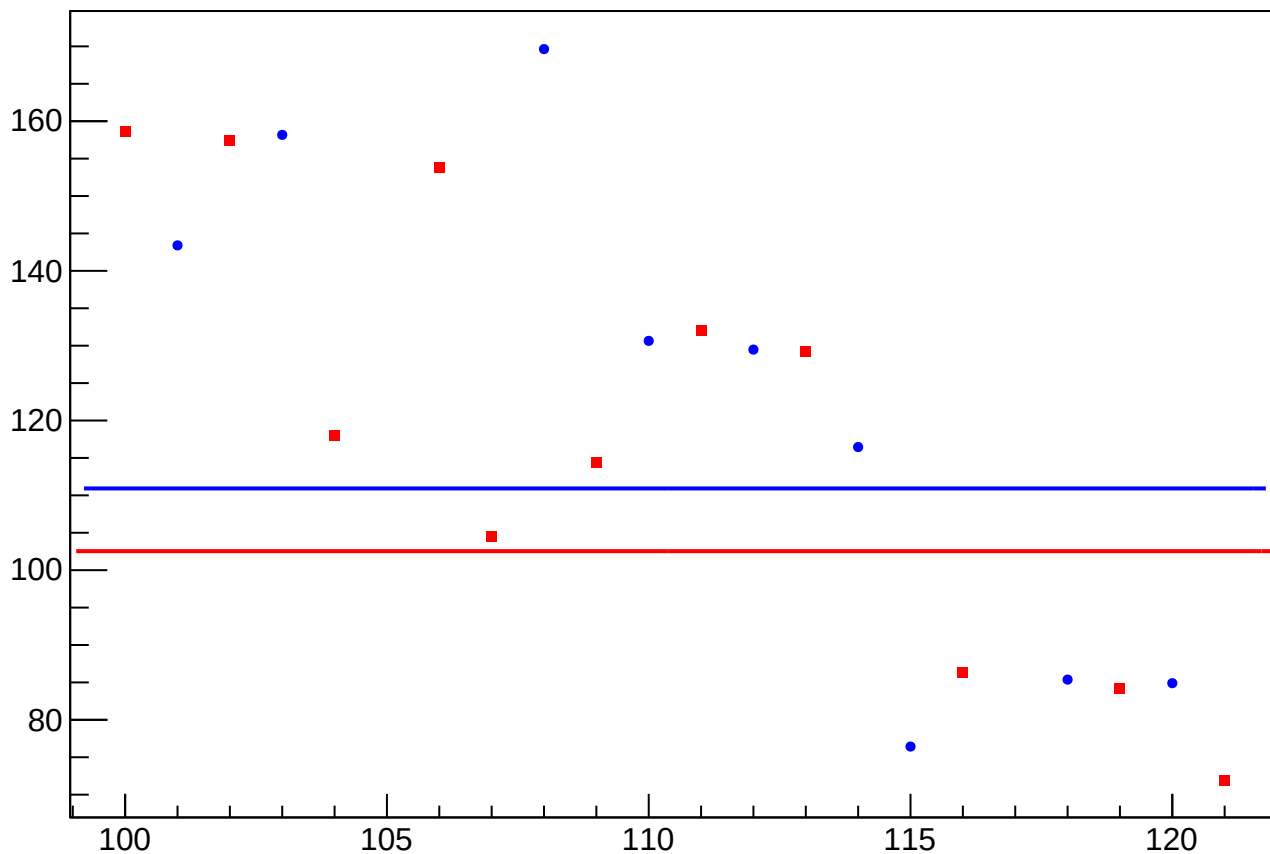
Right: -0.049+/-0.039 χ^2/NDF : 23.1/19

In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.039 χ^2/NDF : 23.1/19

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.540+/-0.036 χ^2/NDF : 570263.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

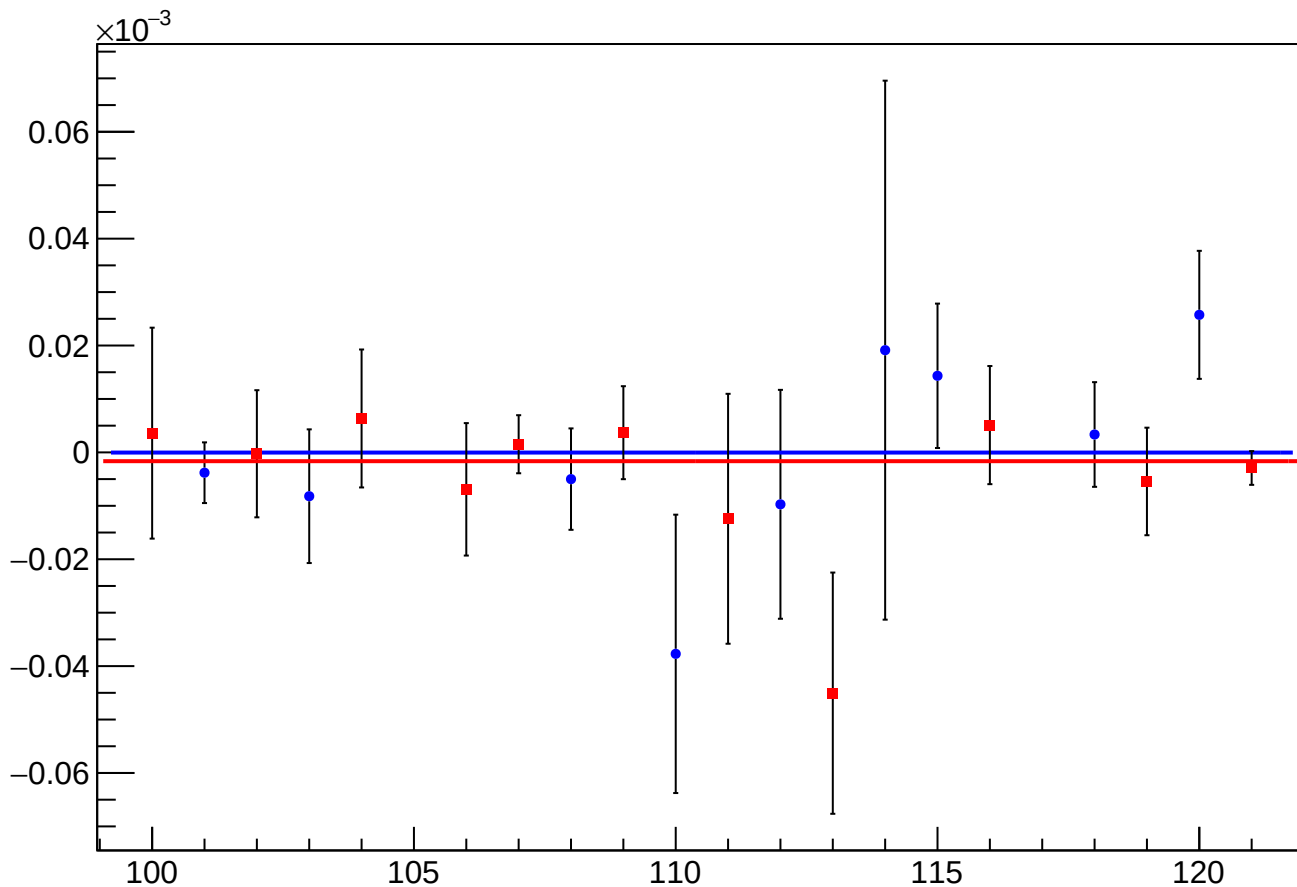
Right: 106.001+/-0.027 χ^2/NDF : 1116104.2/19

In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.001+/-0.027 χ^2/NDF : 1116104.2/19

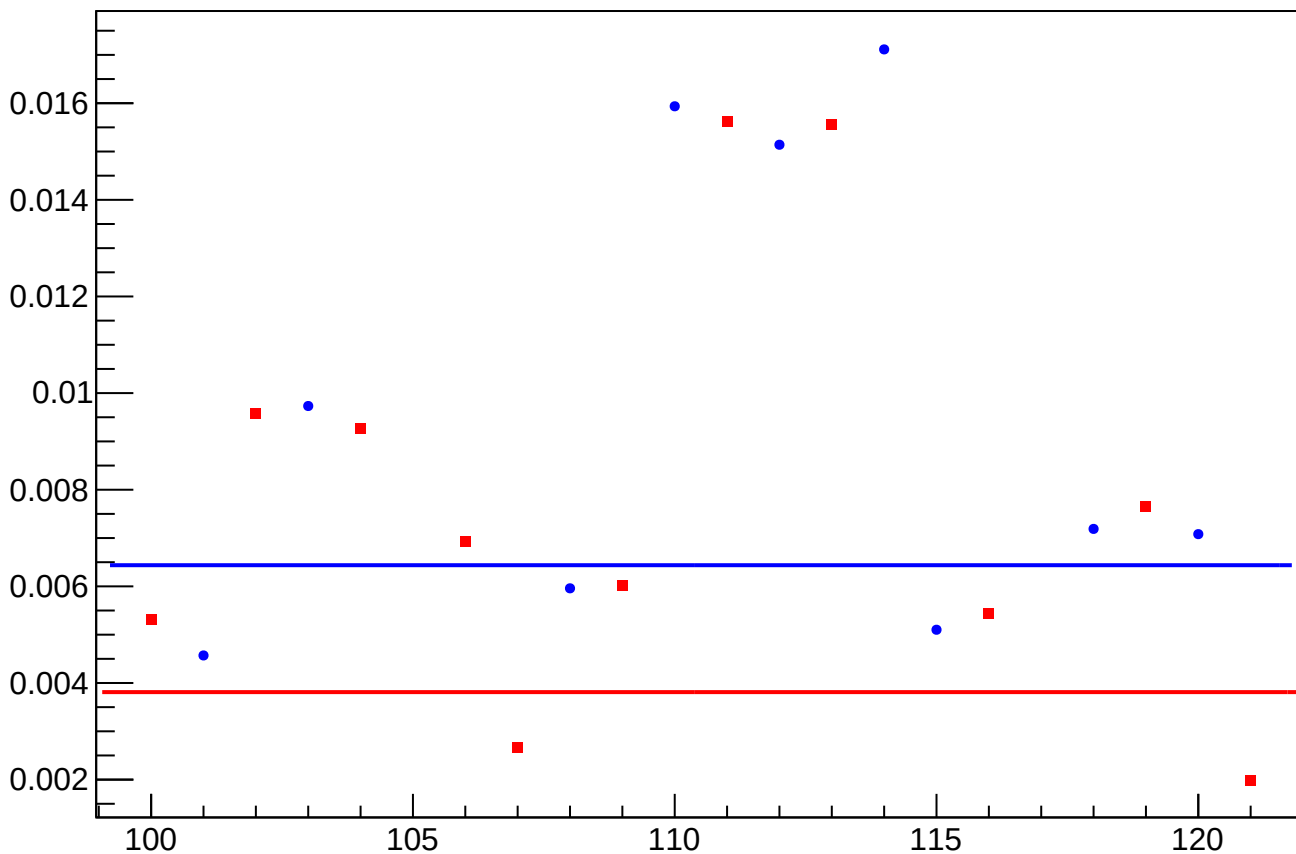
asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/19
 In: -0.000 $\pm$ 0.000 χ^2 /NDF:9.5/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/19

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1082876.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 3245974.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

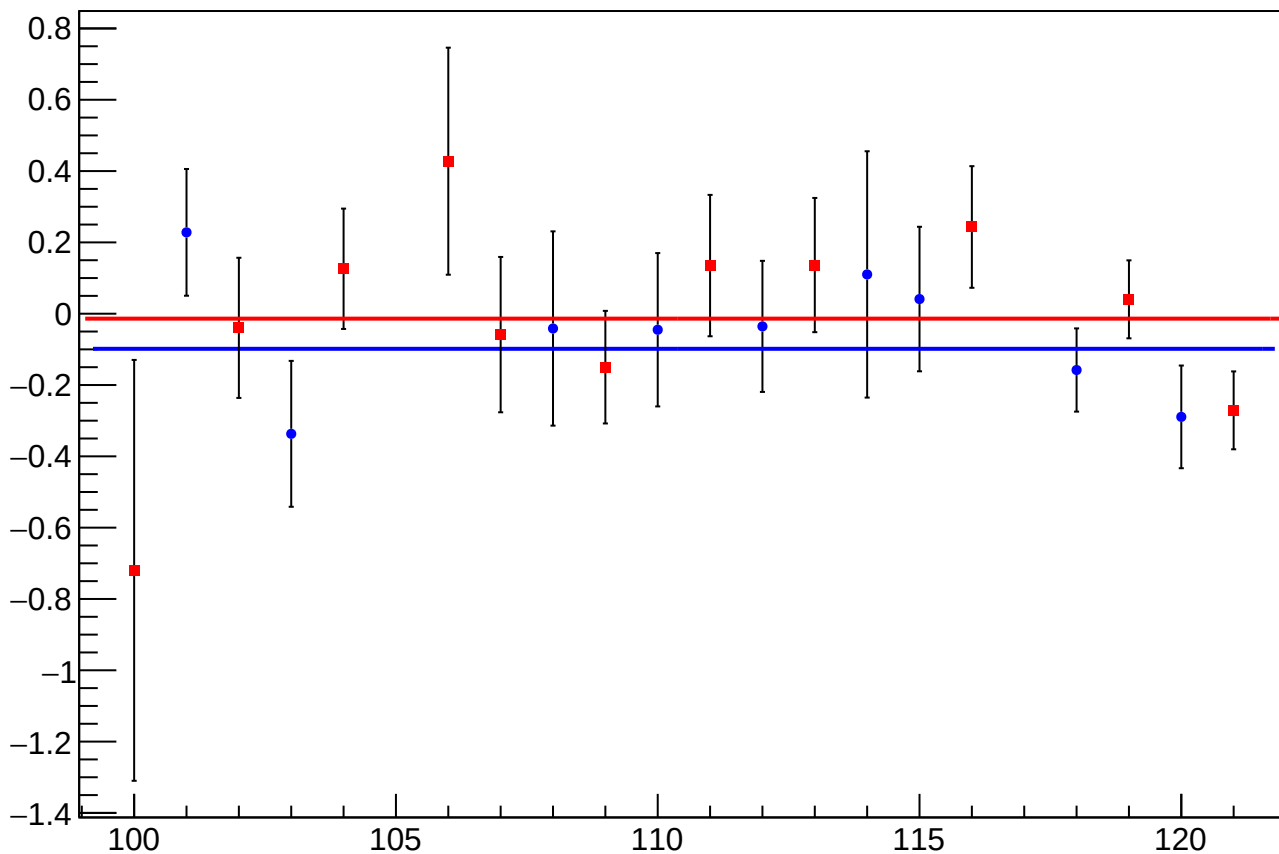
Right: 0.005+/-0.000 χ^2/NDF : 5075275.0/19

In: 0.006+/-0.000 χ^2/NDF :1082876.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5075275.0/19

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.051 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

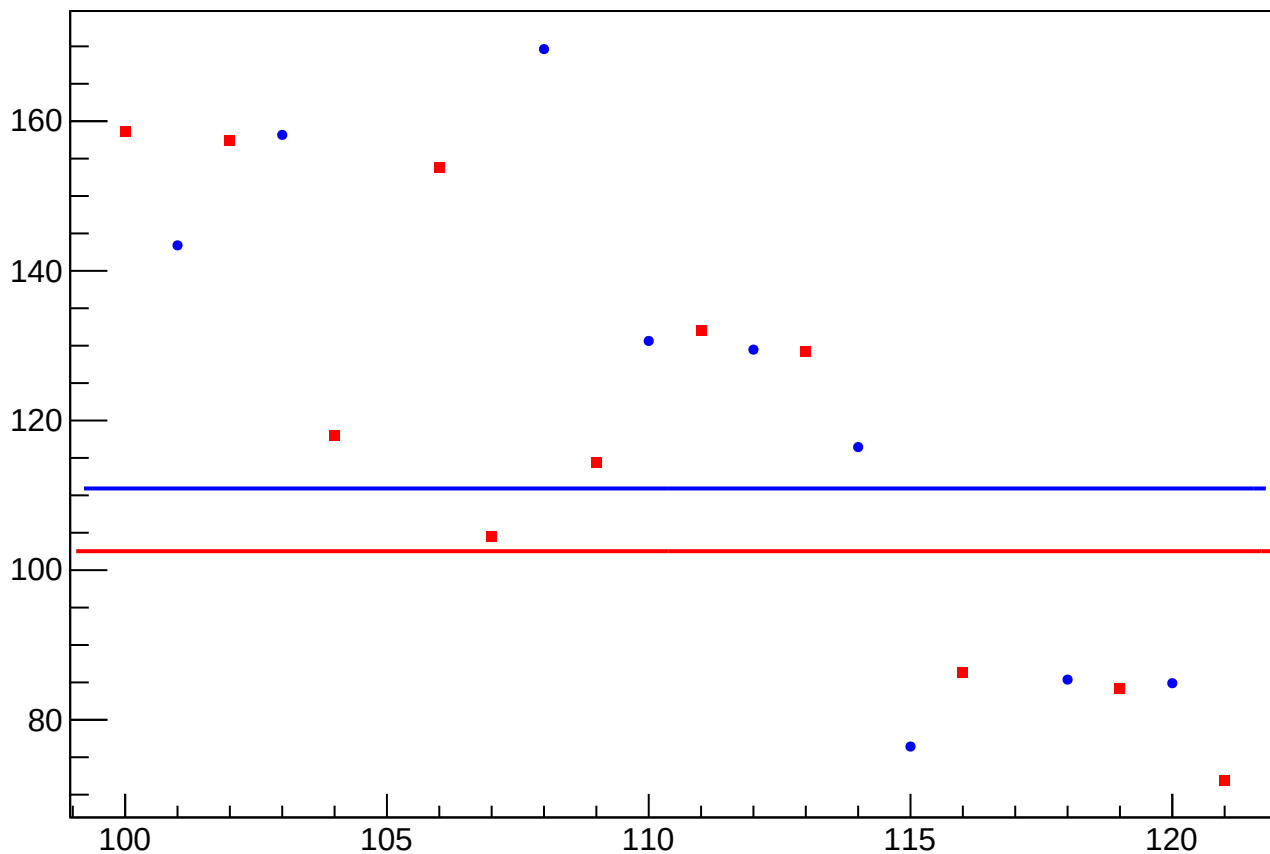
Right: -0.049+/-0.039 χ^2/NDF : 23.1/19

In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.039 χ^2/NDF : 23.1/19

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.538+/-0.036 χ^2/NDF : 570245.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

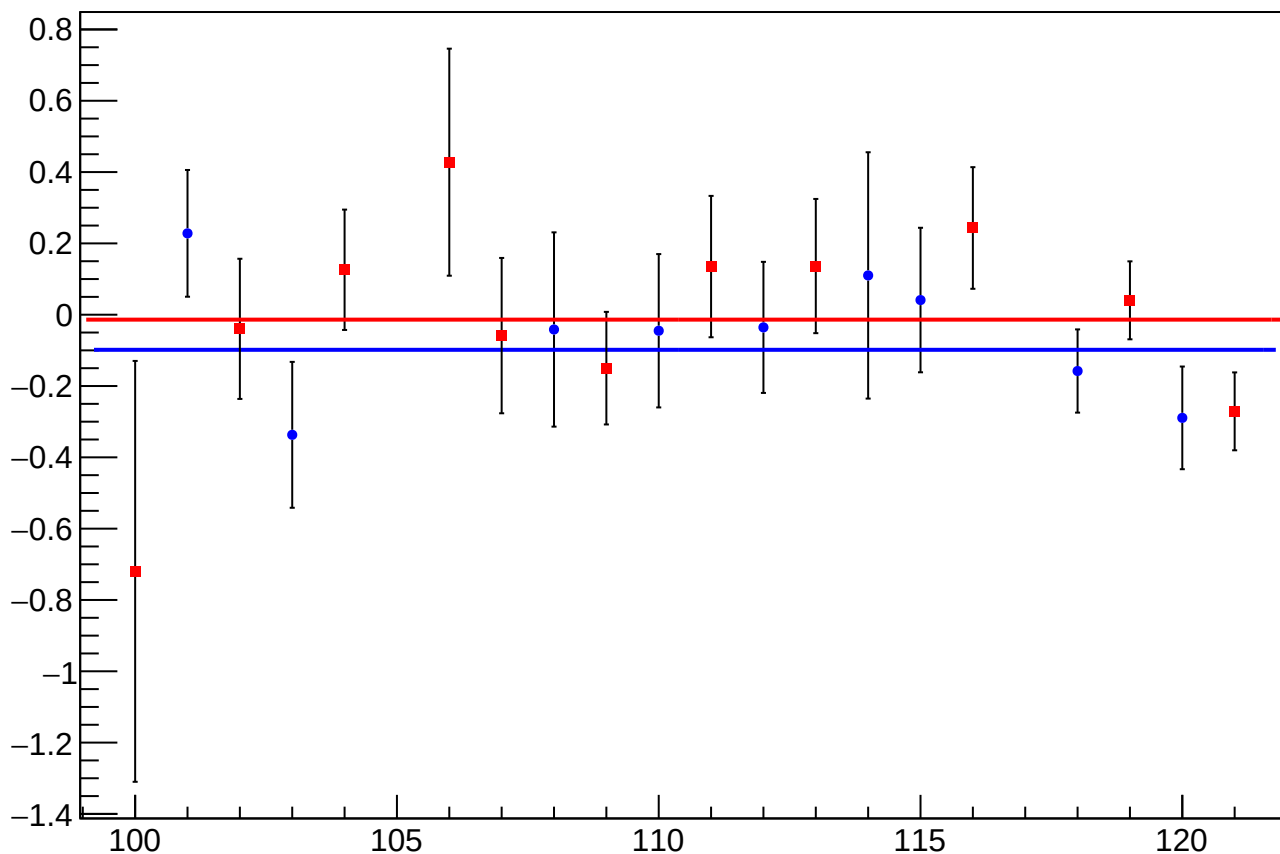
Right: 105.998+/-0.027 χ^2/NDF : 1116093.6/19

In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.998+/-0.027 χ^2/NDF : 1116093.6/19

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.051 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

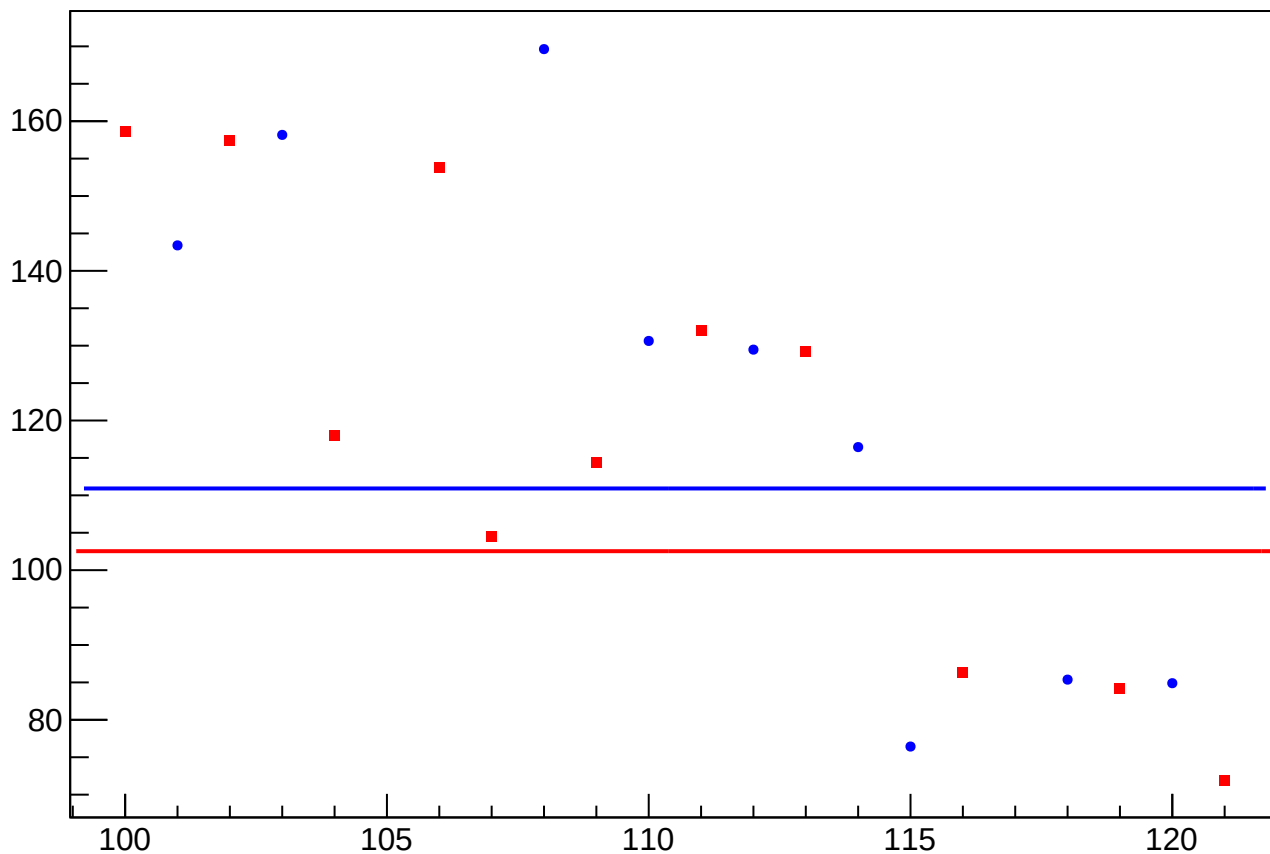
Right: -0.049+/-0.039 χ^2/NDF : 23.1/19

In: -0.098+/-0.060 χ^2/NDF :7.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.049+/-0.039 χ^2/NDF : 23.1/19

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.538+/-0.036 χ^2/NDF : 570245.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

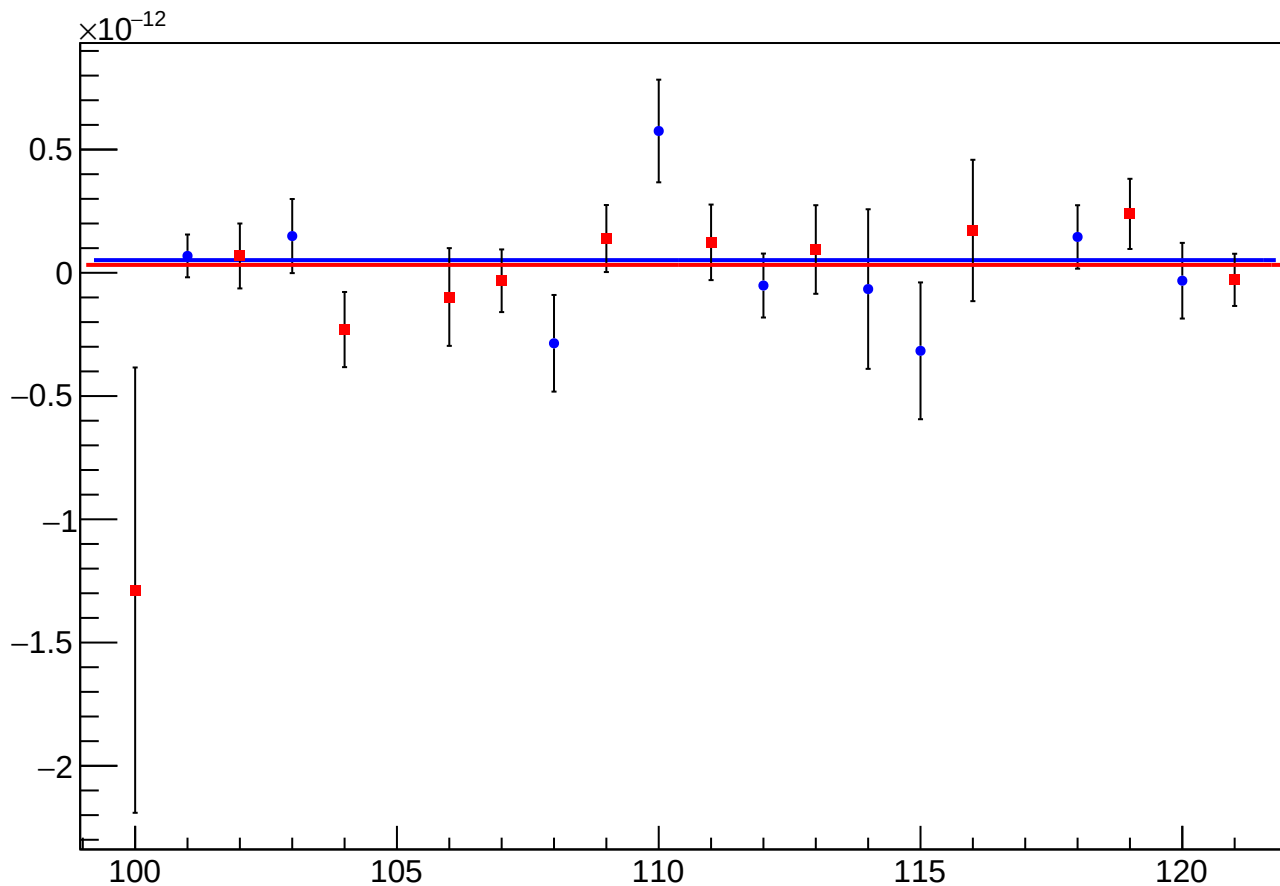
Right: 105.998+/-0.027 χ^2/NDF : 1116093.6/19

In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.998+/-0.027 χ^2/NDF : 1116093.6/19

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

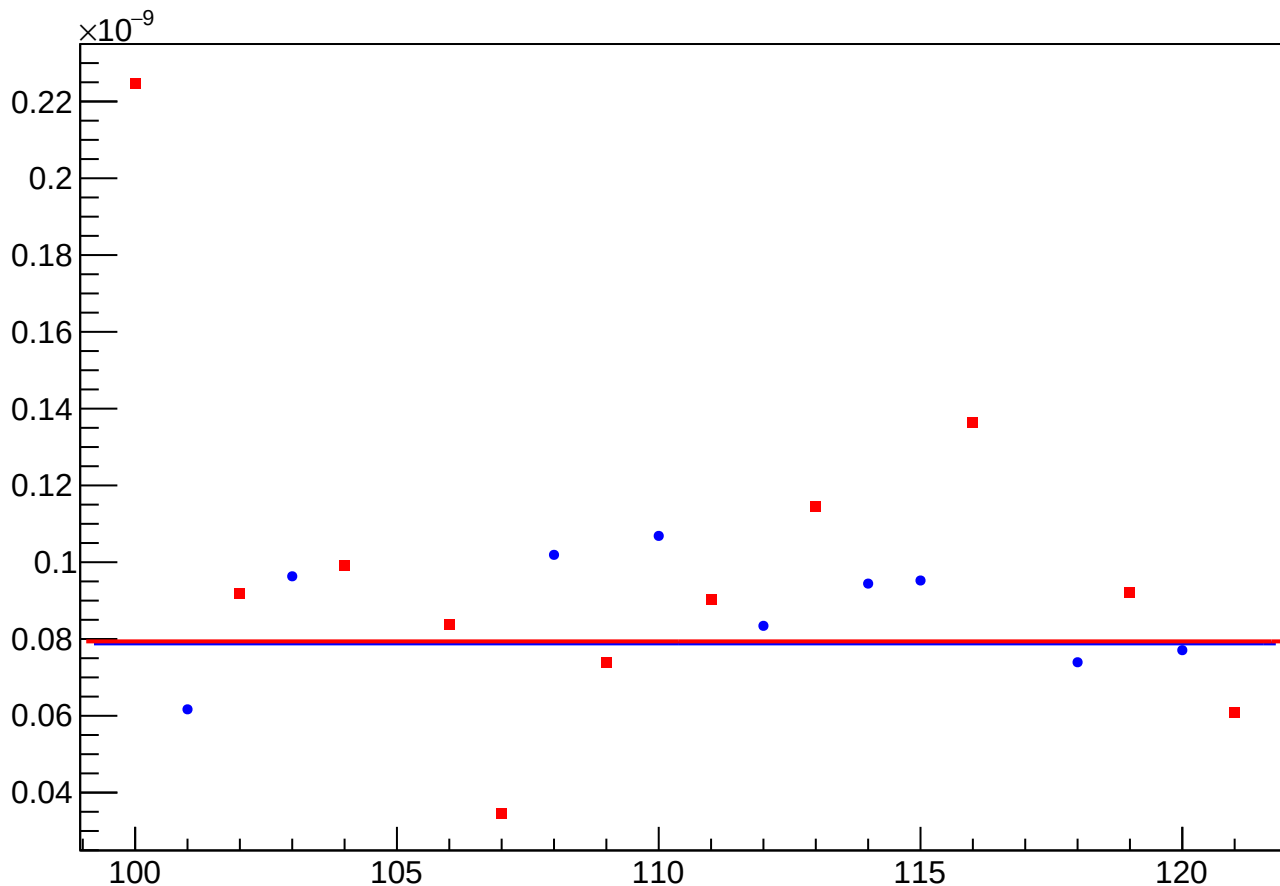
Right: 0.000+/-0.000 χ^2/NDF : 22.8/19

In: 0.000+/-0.000 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/19

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 186464.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 598714.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

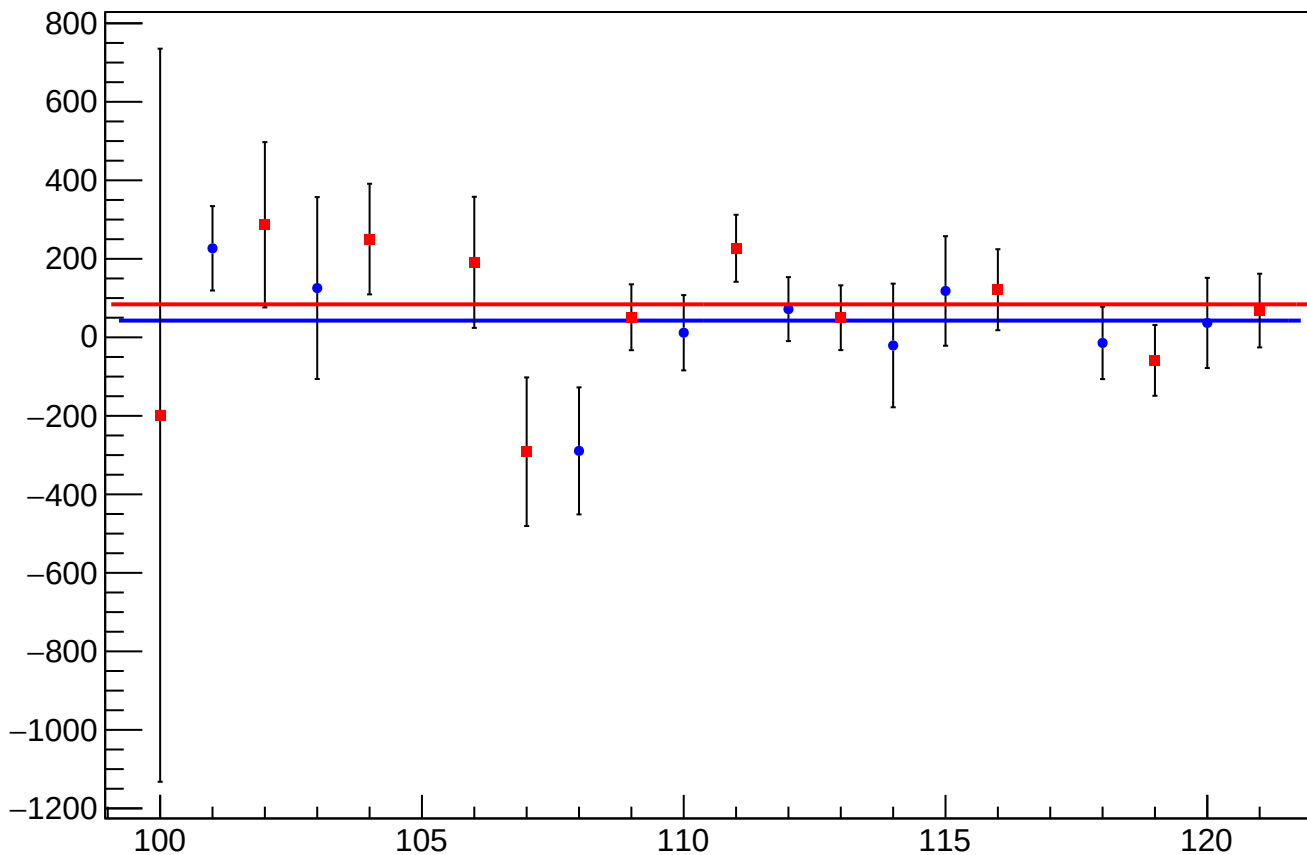
Right: 0.000+/-0.000 χ^2/NDF : 785297.3/19

In: 0.000+/-0.000 χ^2/NDF : 186464.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 785297.3/19

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.638+/-38.136 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.109+/-33.444 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

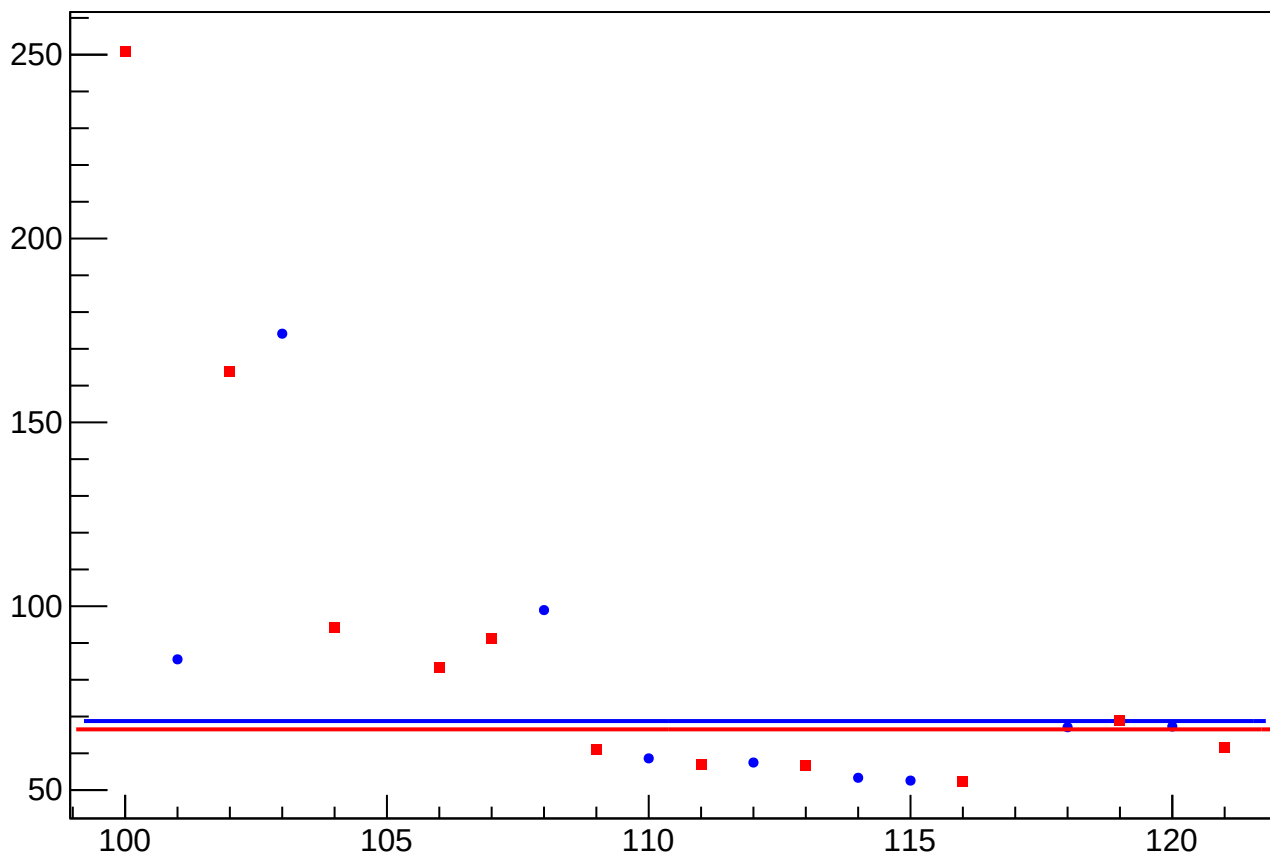
Right: 66.080+/-25.145 χ^2/NDF : 21.5/19

In: 42.638+/-38.136 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.080+/-25.145 χ^2/NDF : 21.5/19

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.771+/-0.027 χ^2/NDF : 639429.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.514+/-0.024 χ^2/NDF : 742778.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

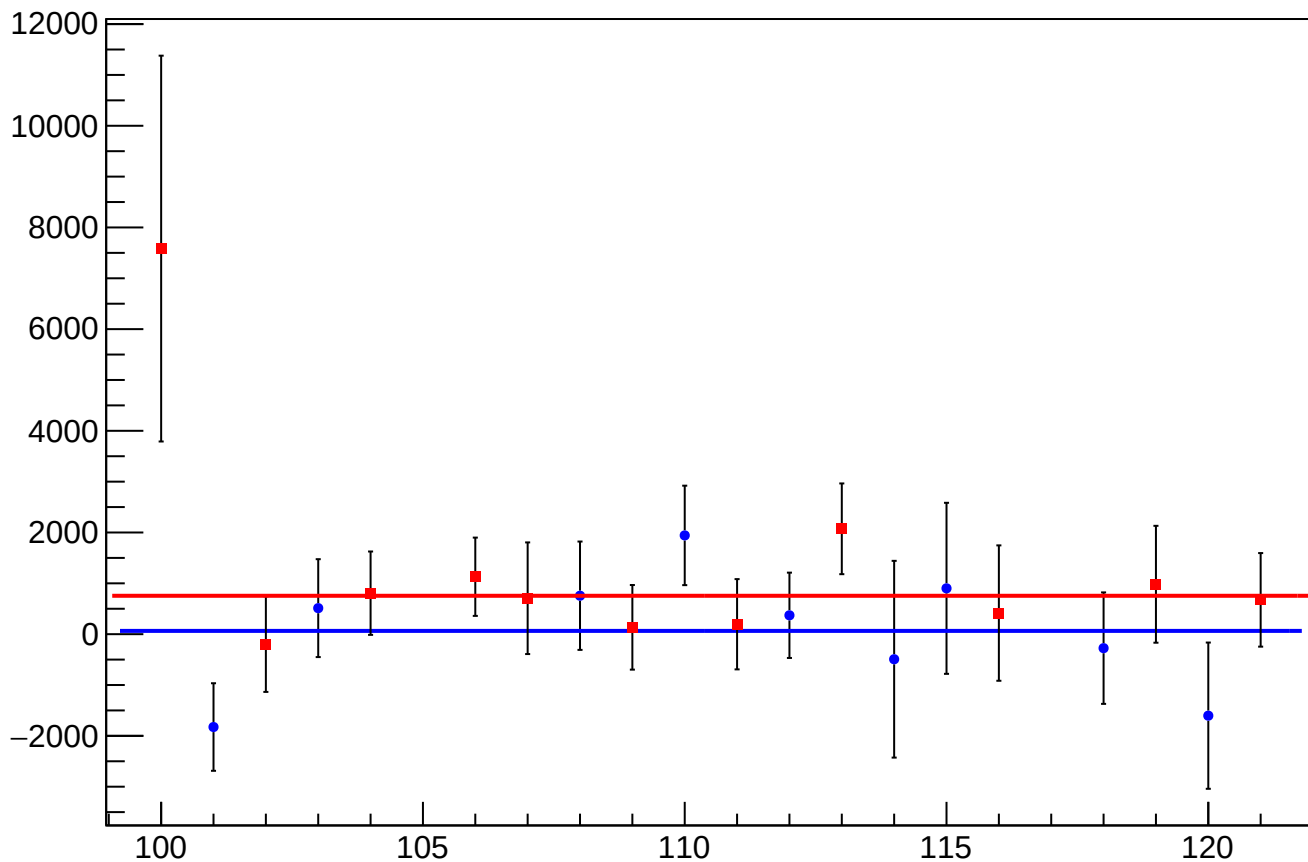
Right: 67.495+/-0.018 χ^2/NDF : 1386170.6/19

In: 68.771+/-0.027 χ^2/NDF : 639429.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.495+/-0.018 χ^2/NDF : 1386170.6/19

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 64.442 $\pm$ 360.156 χ^2/NDF : 11.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 755.127 $\pm$ 292.674 χ^2/NDF : 7.7/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

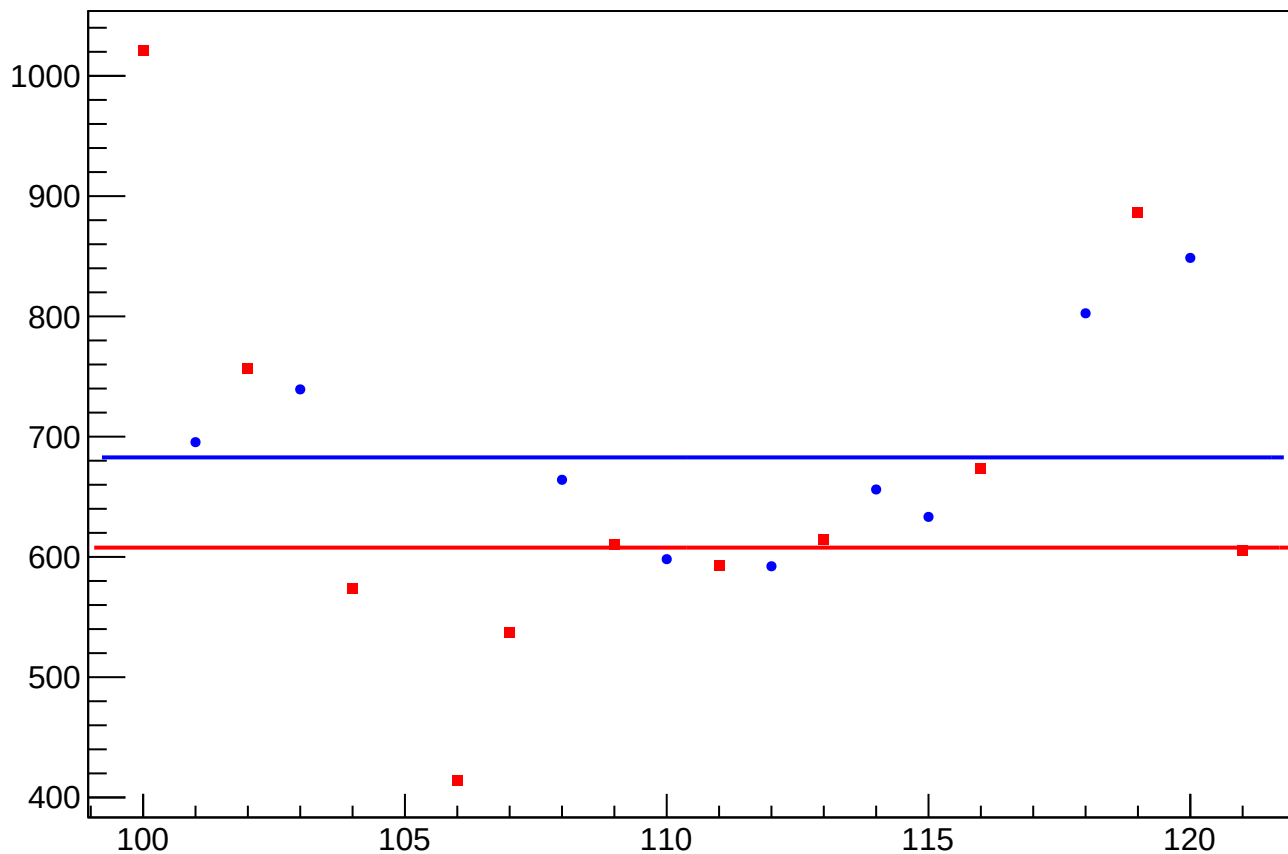
Right: 480.423 $\pm$ 227.134 χ^2/NDF : 21.0/19

In: 64.442 $\pm$ 360.156 χ^2/NDF : 11.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 480.423 $\pm$ 227.134 χ^2/NDF : 21.0/19

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 682.759+/-0.255 χ^2/NDF : 98791.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.743+/-0.207 χ^2/NDF : 334760.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

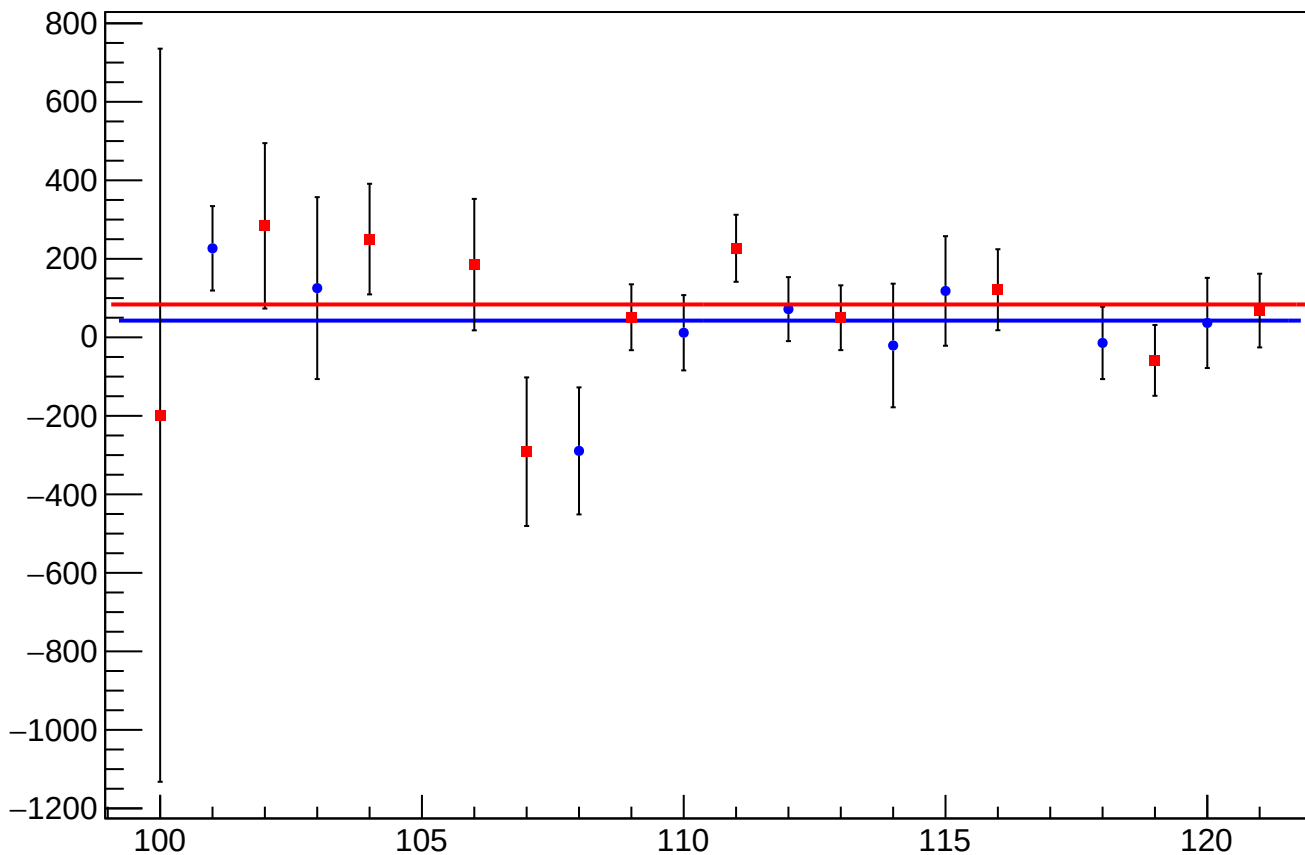
Right: 637.579+/-0.161 χ^2/NDF : 485808.9/19

In: 682.759+/-0.255 χ^2/NDF : 98791.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.579+/-0.161 χ^2/NDF : 485808.9/19

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.770+/-33.448 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

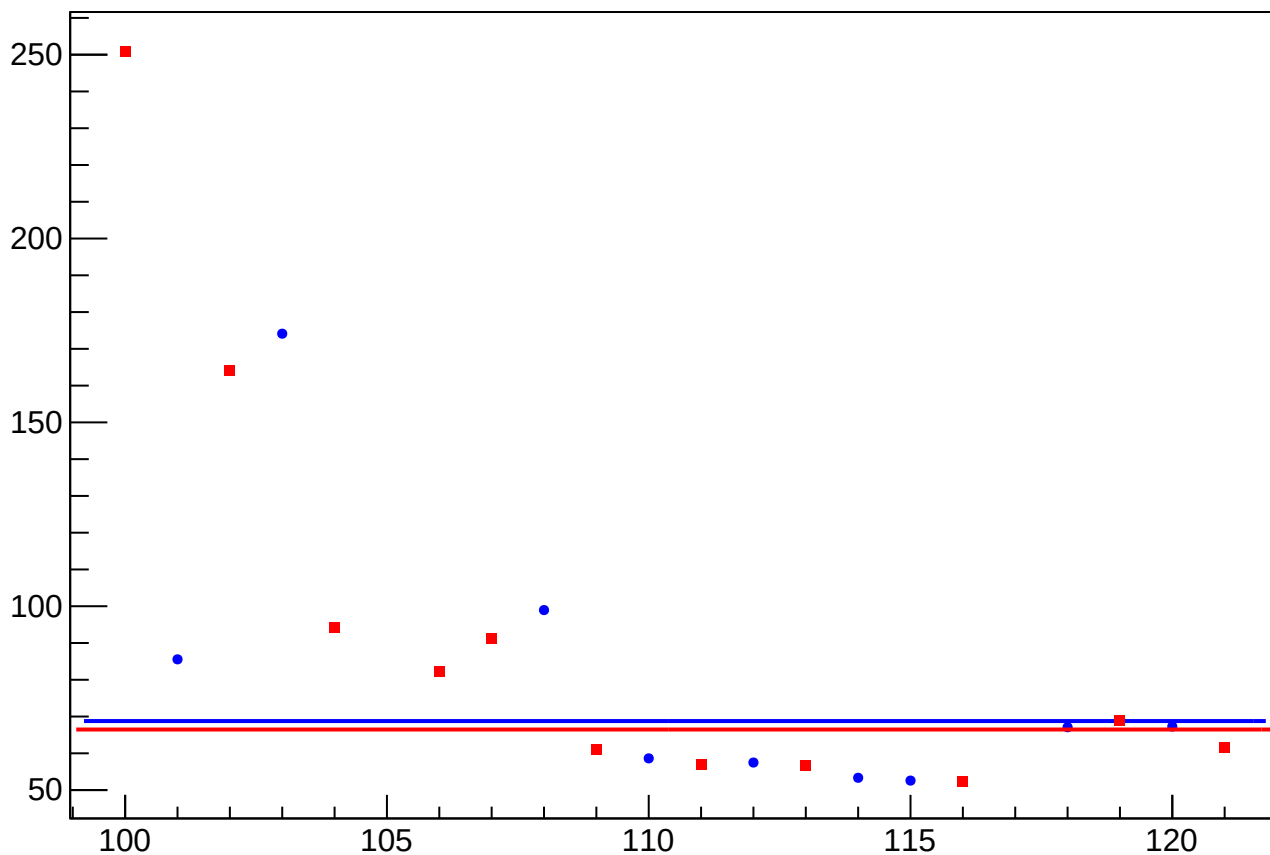
Right: 65.881+/-25.146 χ^2/NDF : 21.5/19

In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.881+/-25.146 χ^2/NDF : 21.5/19

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.469+/-0.024 χ^2/NDF : 740482.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

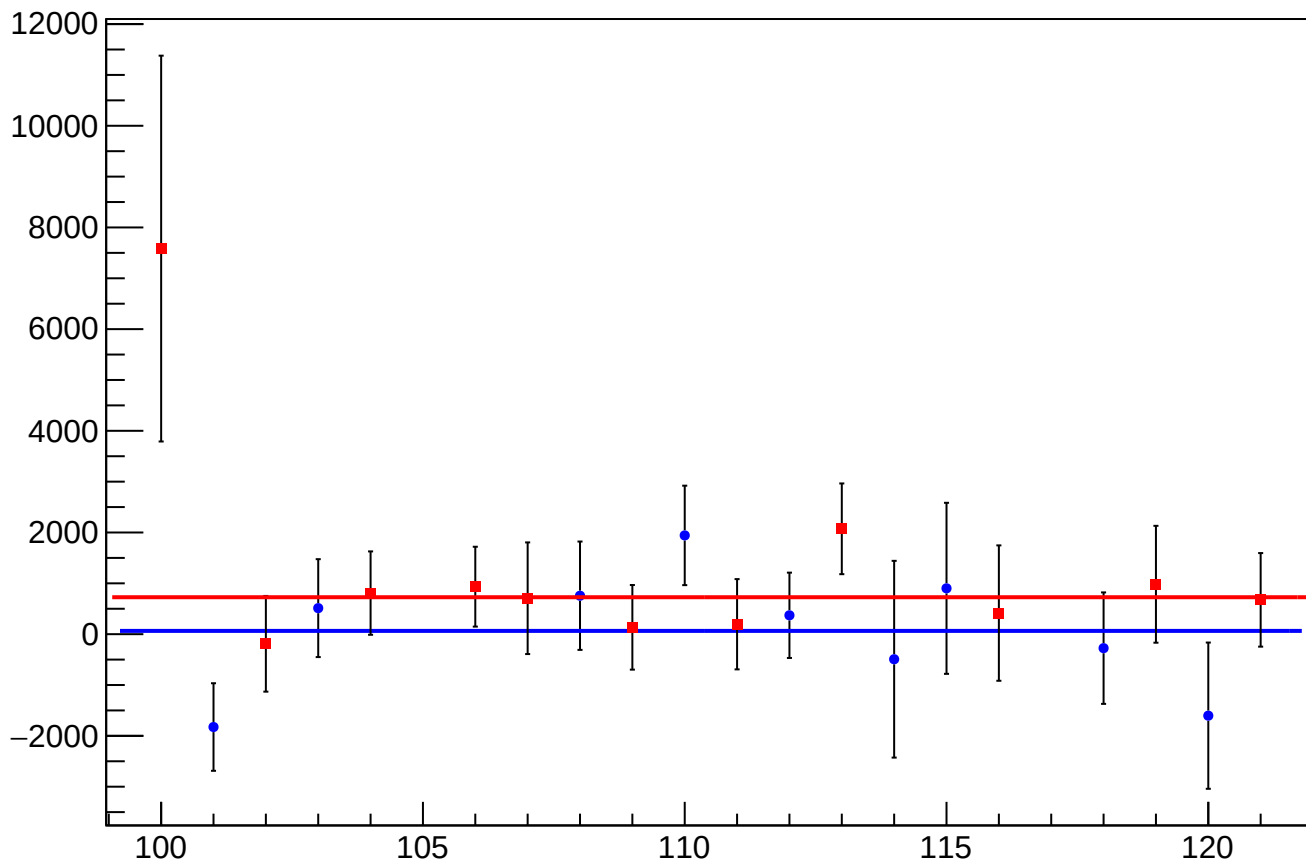
Right: 67.470+/-0.018 χ^2/NDF : 1384033.8/19

In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.470+/-0.018 χ^2/NDF : 1384033.8/19

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 64.455+/-360.161 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 726.706+/-293.534 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

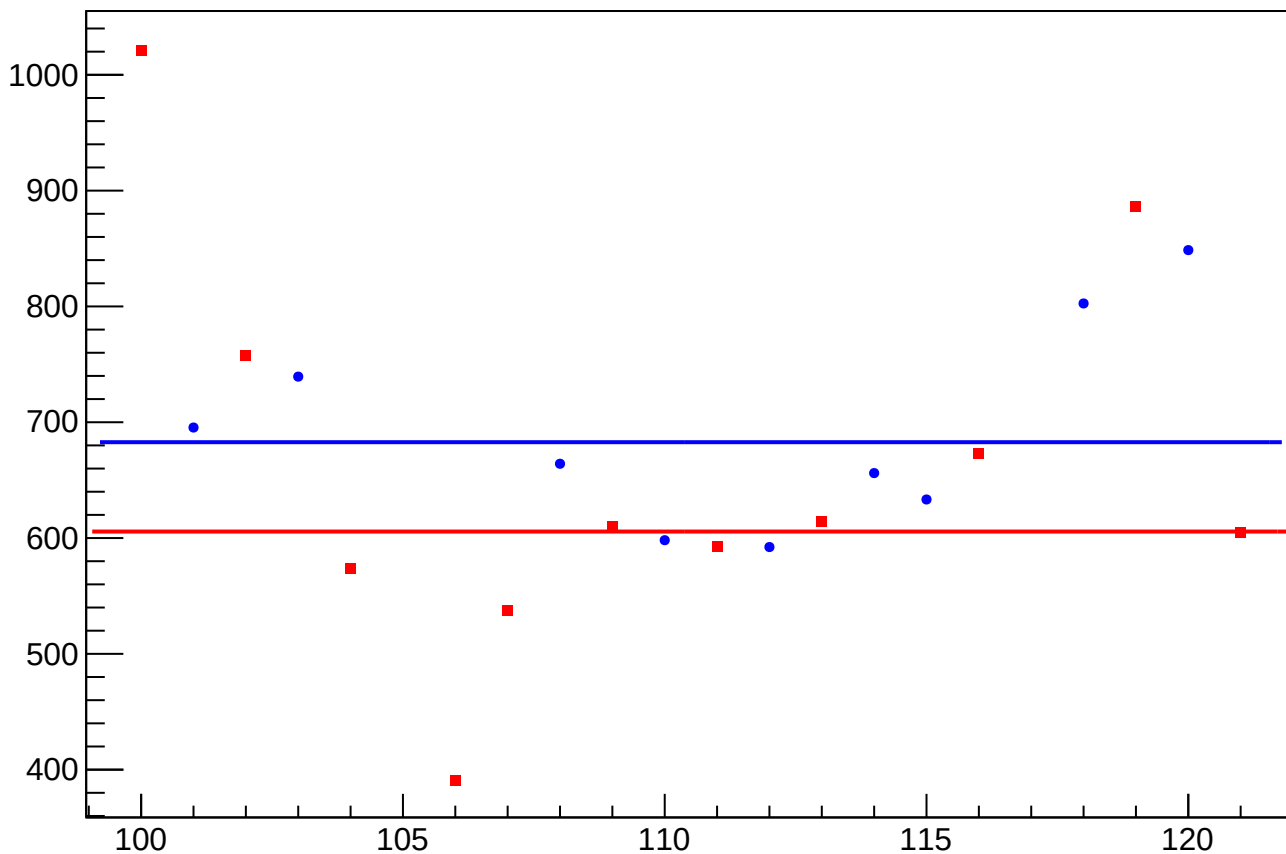
Right: 462.385+/-227.536 χ^2/NDF : 20.6/19

In: 64.455+/-360.161 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.385+/-227.536 χ^2/NDF : 20.6/19

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 682.767 $\pm$ 0.255 χ^2 /NDF: 98809.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 605.612 $\pm$ 0.208 χ^2 /NDF: 361269.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

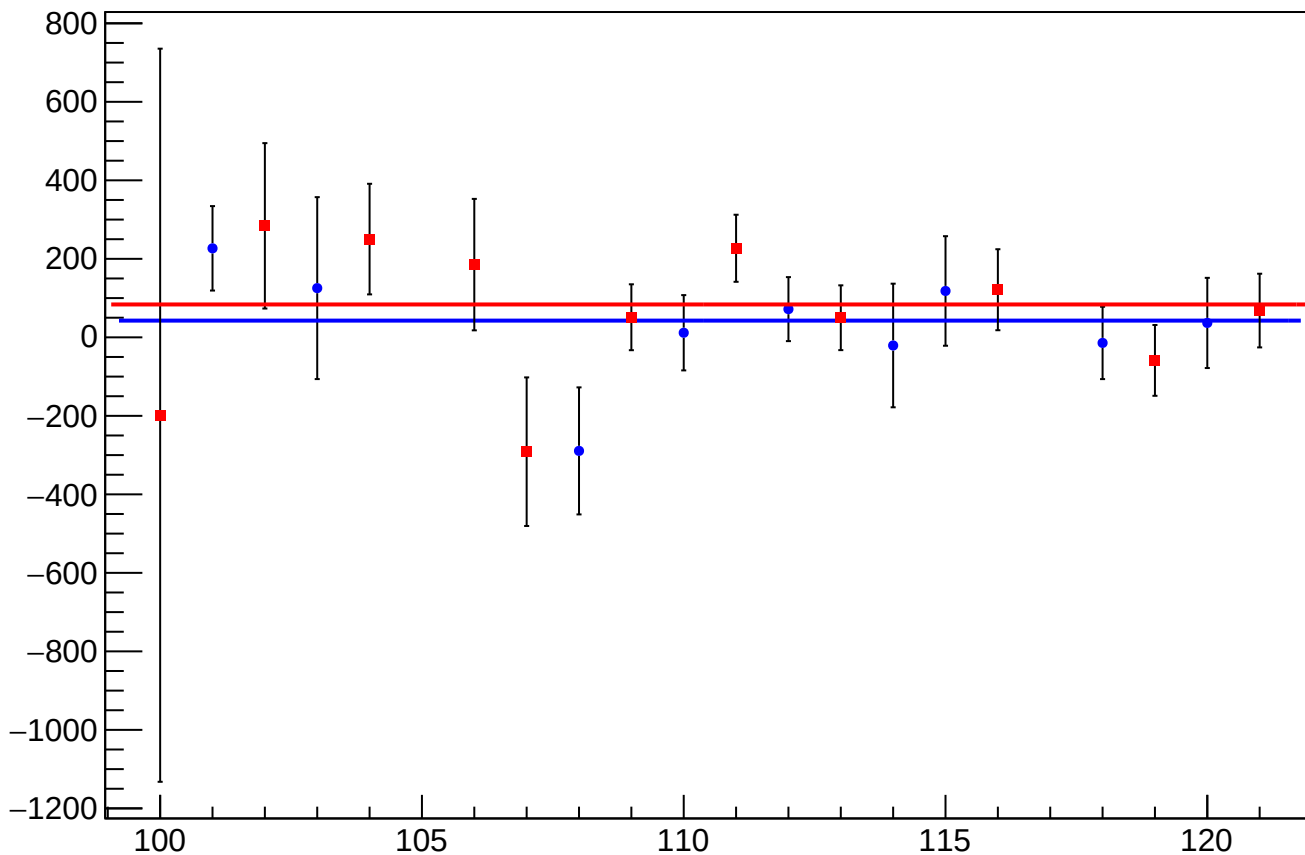
Right: 636.406 $\pm$ 0.161 χ^2 /NDF: 515230.3/19

In: 682.767 $\pm$ 0.255 χ^2 /NDF:98809.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 636.406 $\pm$ 0.161 χ^2 /NDF: 515230.3/19

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.770+/-33.448 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

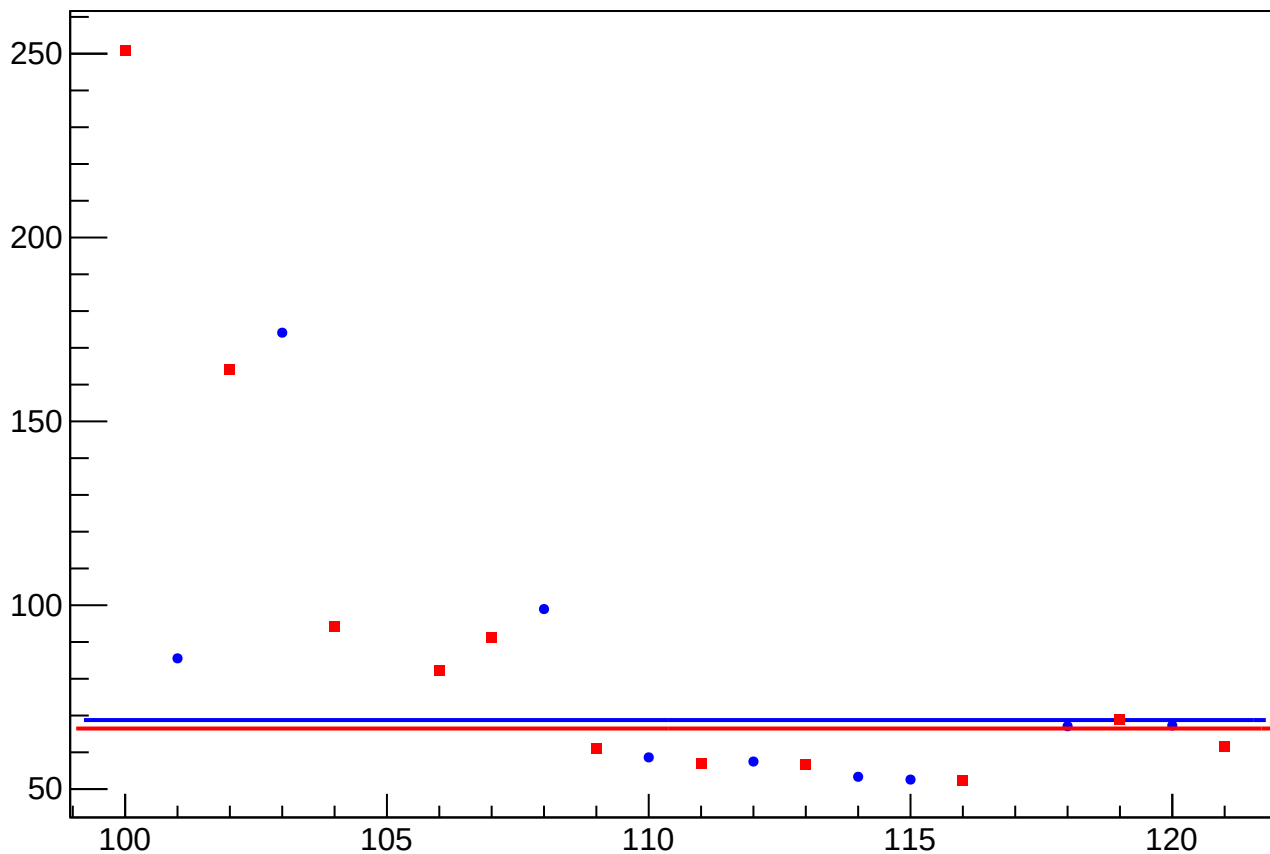
Right: 65.881+/-25.146 χ^2/NDF : 21.5/19

In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.881+/-25.146 χ^2/NDF : 21.5/19

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.469+/-0.024 χ^2/NDF : 740482.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

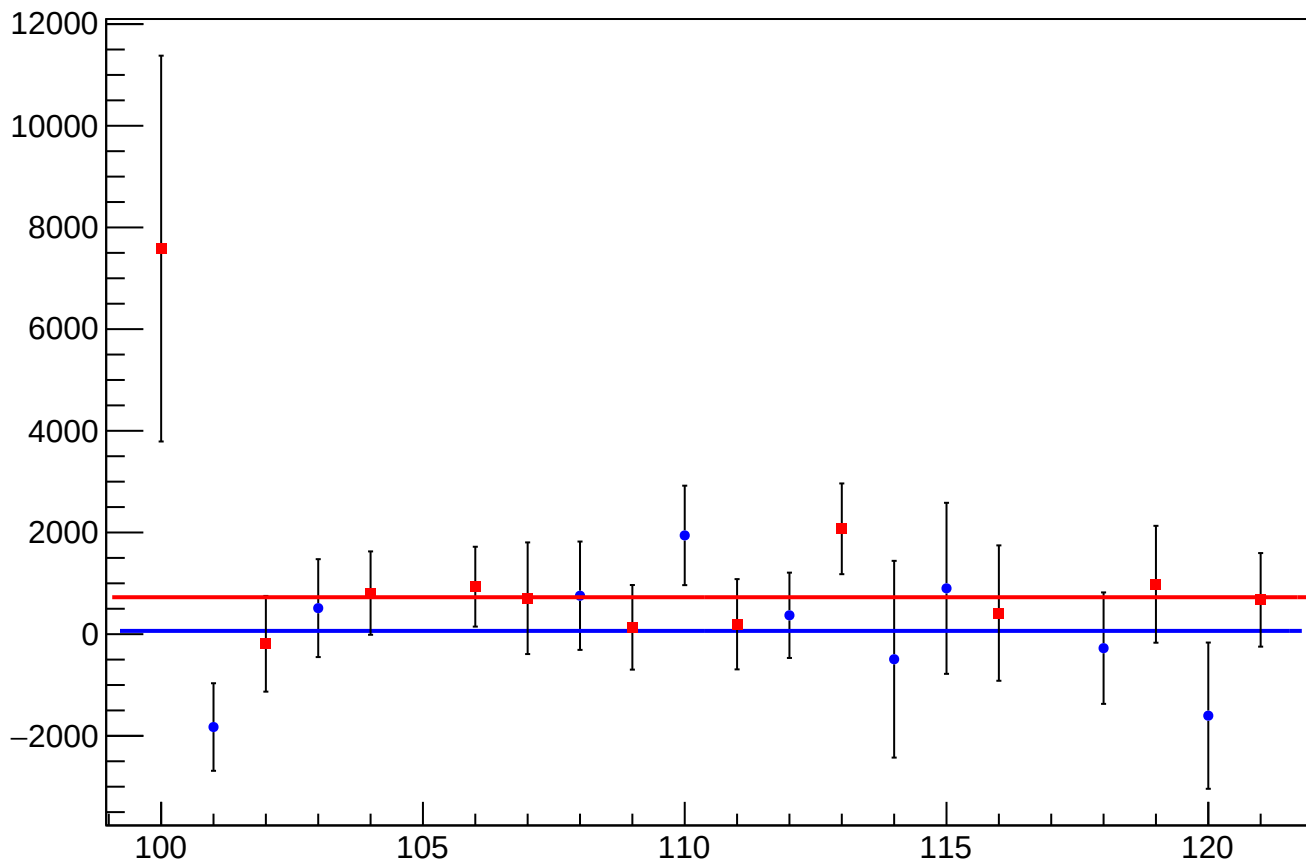
Right: 67.470+/-0.018 χ^2/NDF : 1384033.8/19

In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.470+/-0.018 χ^2/NDF : 1384033.8/19

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 64.455+/-360.161 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 726.706+/-293.534 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

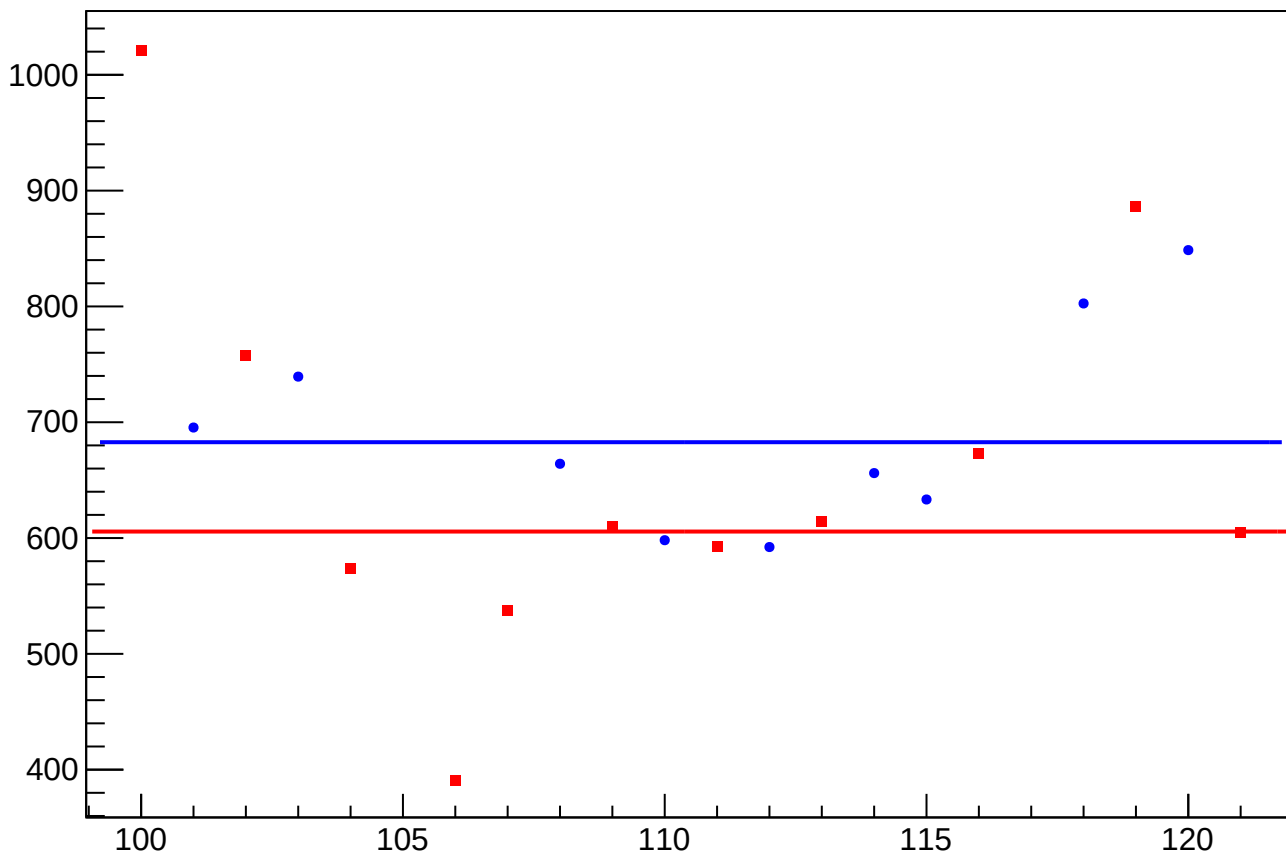
Right: 462.385+/-227.536 χ^2/NDF : 20.6/19

In: 64.455+/-360.161 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.385+/-227.536 χ^2/NDF : 20.6/19

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 682.767+/-0.255 χ^2/NDF : 98809.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.612+/-0.208 χ^2/NDF : 361269.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

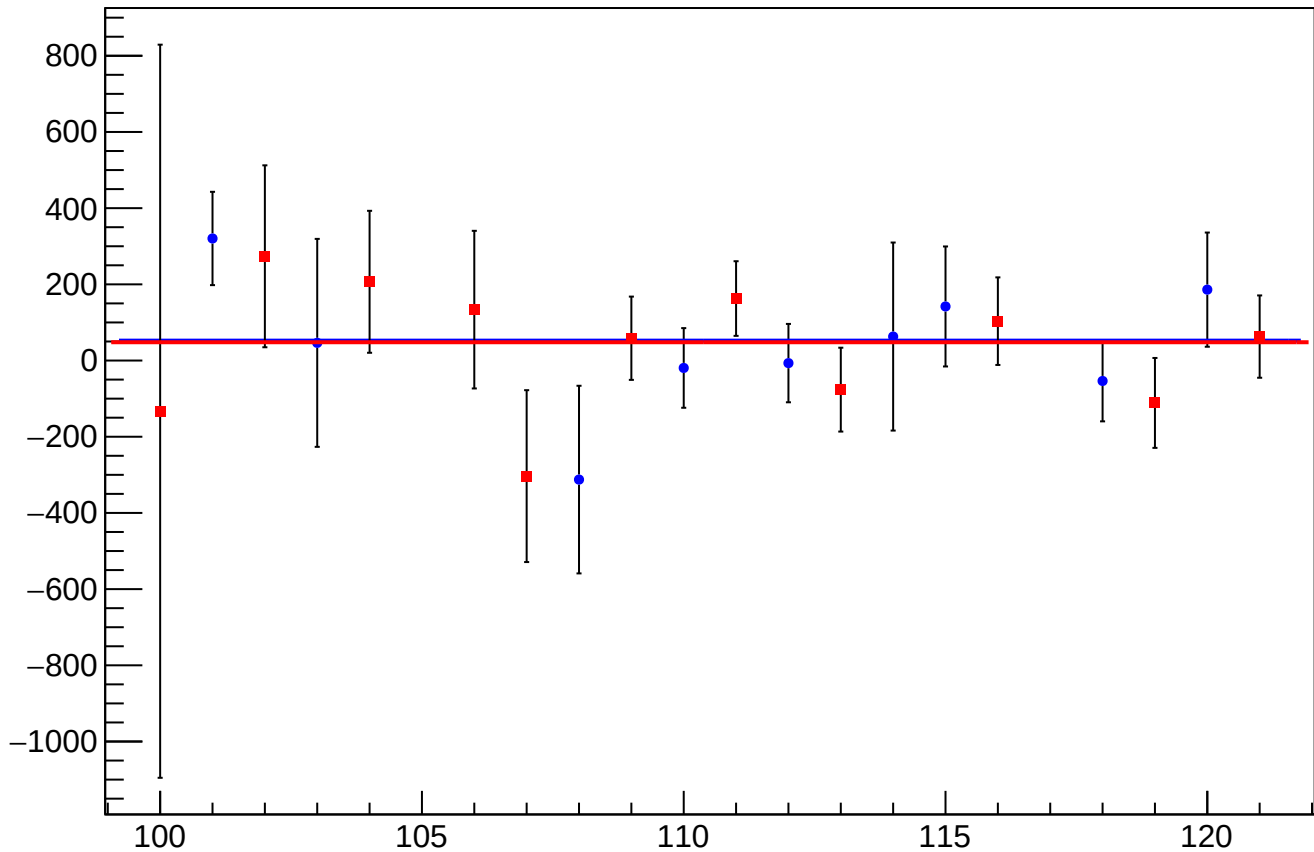
Right: 636.406+/-0.161 χ^2/NDF : 515230.3/19

In: 682.767+/-0.255 χ^2/NDF : 98809.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.406+/-0.161 χ^2/NDF : 515230.3/19

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.055+/-41.027 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

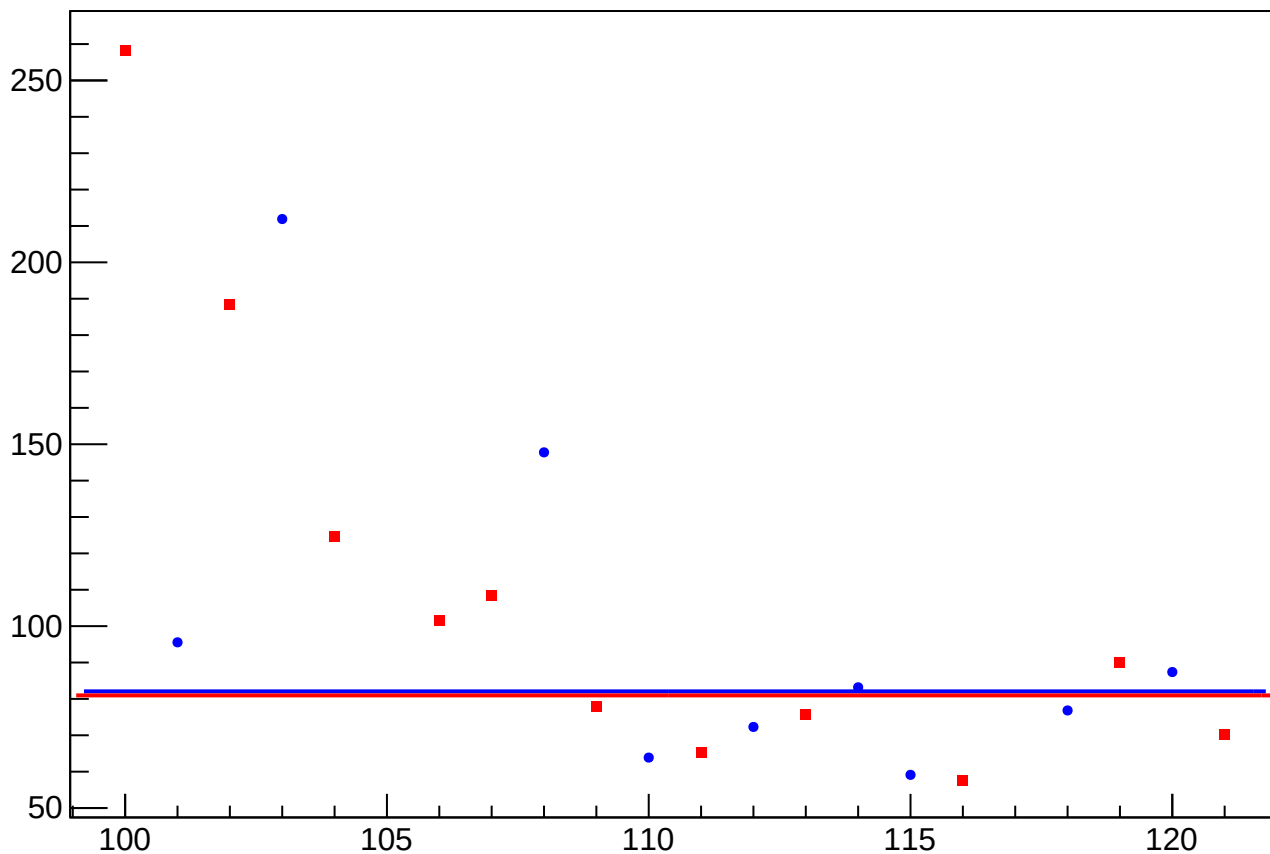
Right: 49.902+/-30.615 χ^2/NDF : 18.9/19

In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.902+/-30.615 χ^2/NDF : 18.9/19

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.067+/-0.033 χ^2/NDF : 747745.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.964+/-0.029 χ^2/NDF : 804619.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

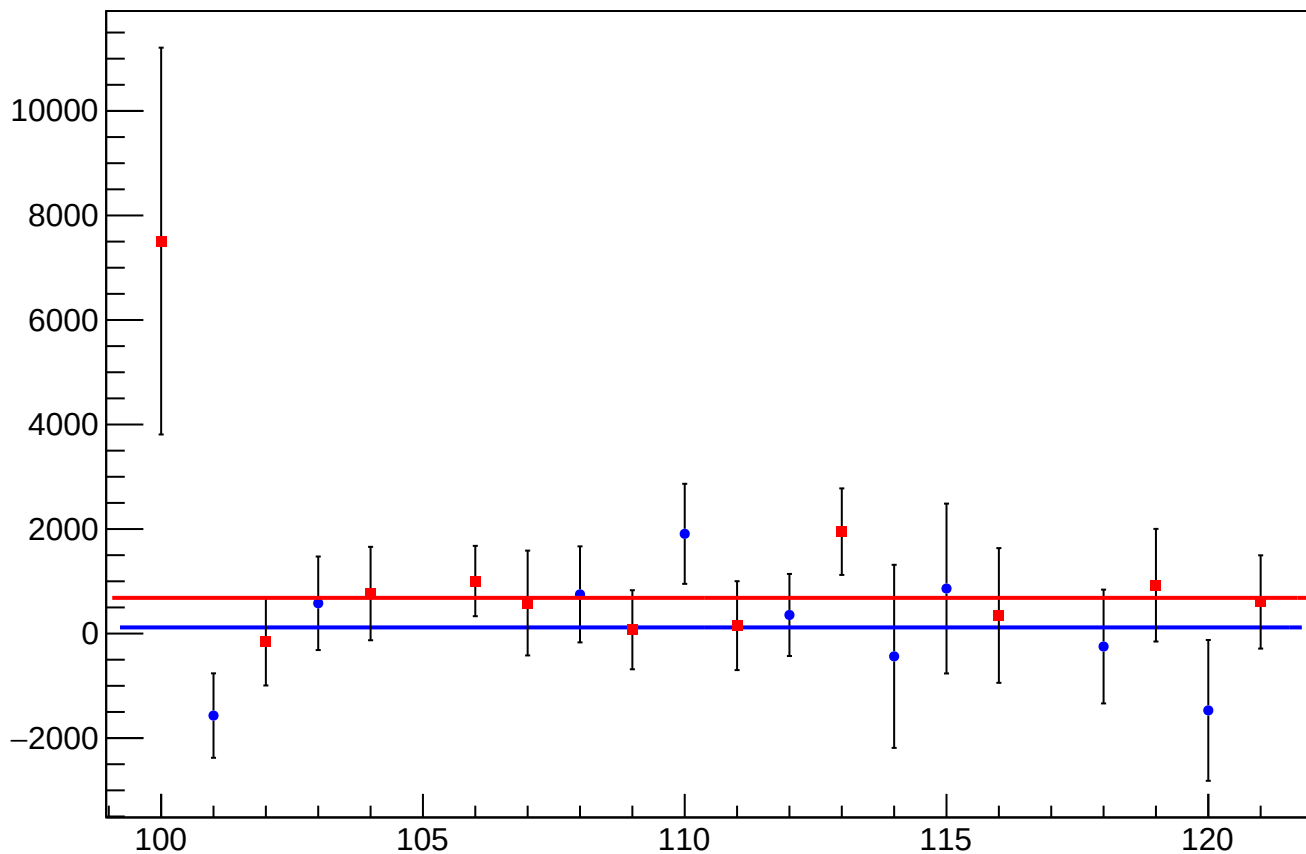
Right: 81.453+/-0.022 χ^2/NDF : 1553005.9/19

In: 82.067+/-0.033 χ^2/NDF : 747745.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.453+/-0.022 χ^2/NDF : 1553005.9/19

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 683.225+/-274.833 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

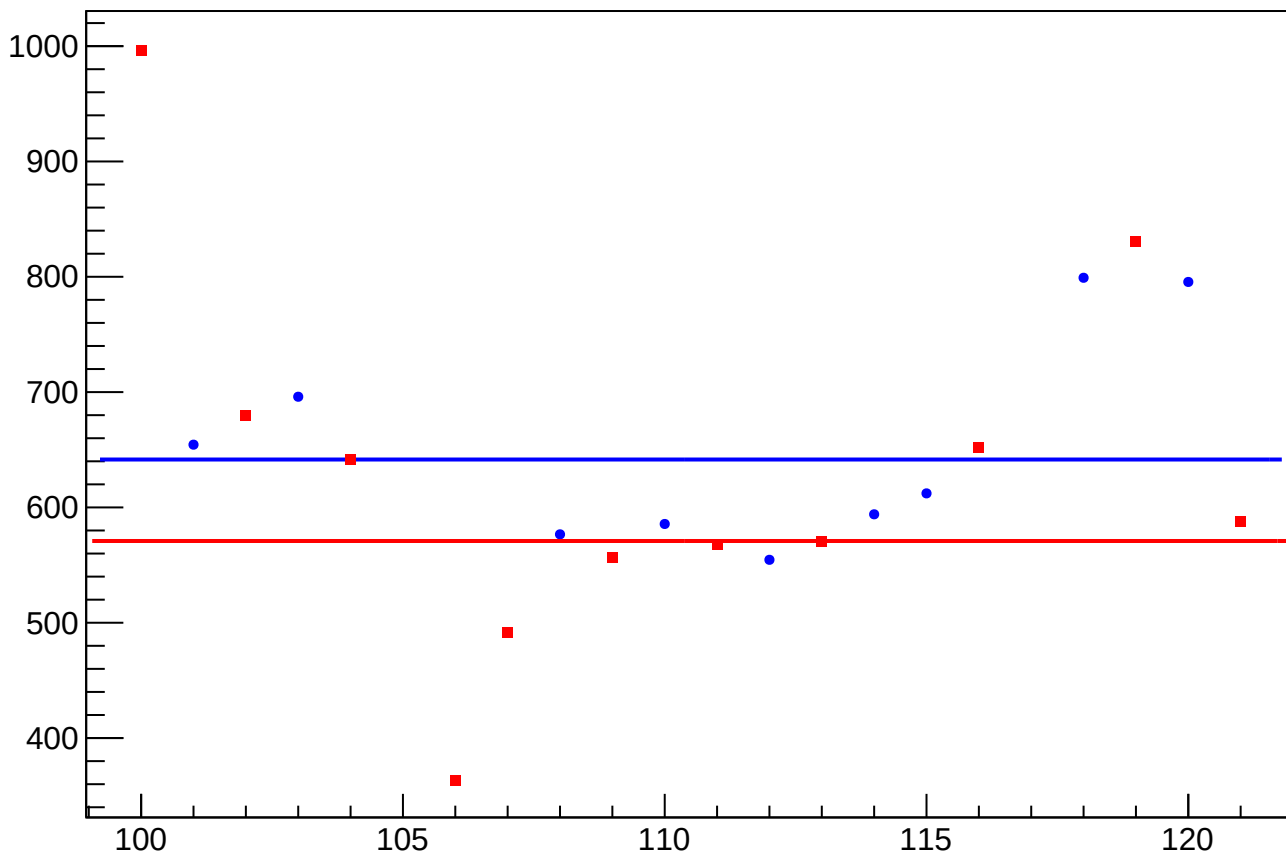
Right: 457.756+/-213.113 χ^2/NDF : 20.3/19

In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.756+/-213.113 χ^2/NDF : 20.3/19

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 641.544+/-0.239 χ^2/NDF : 119413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.890+/-0.194 χ^2/NDF : 400508.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

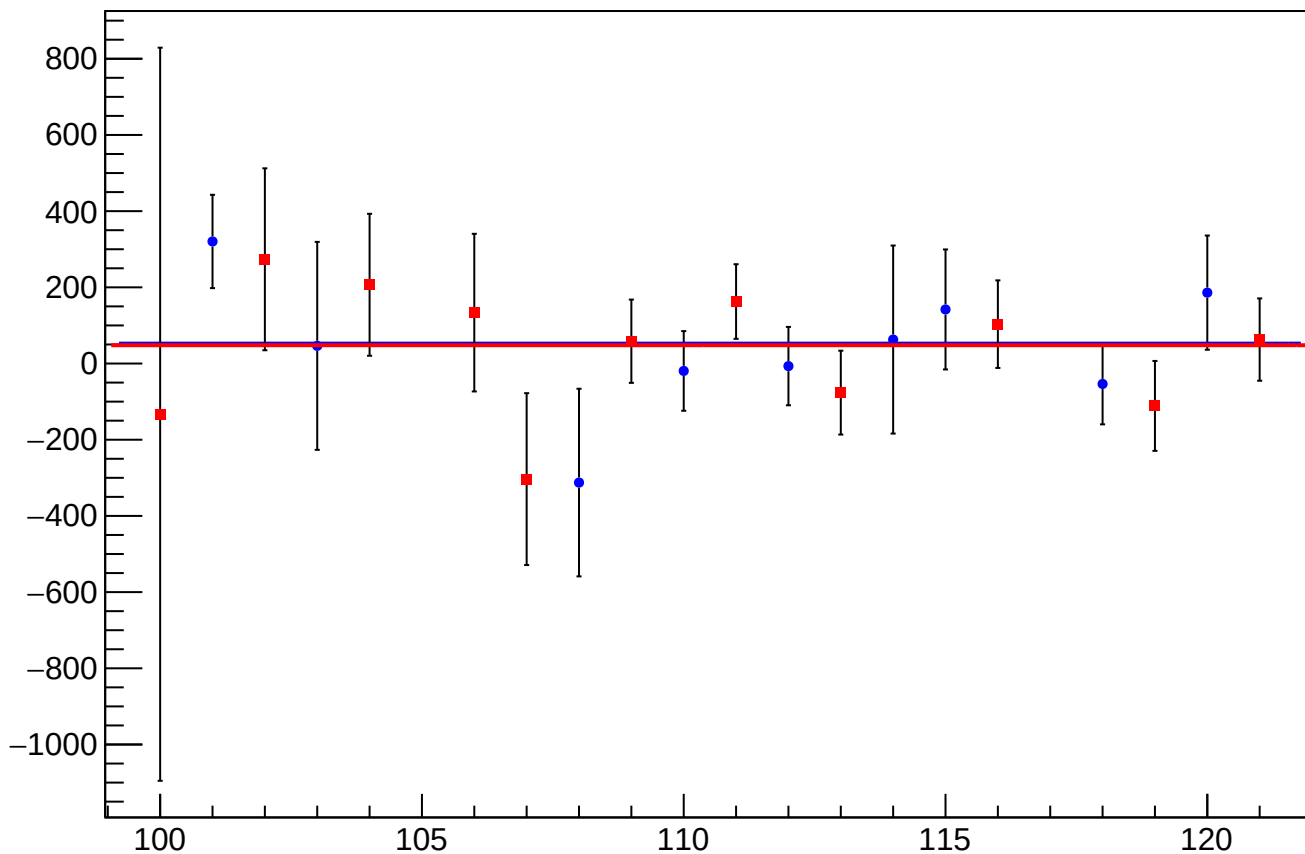
Right: 599.060+/-0.151 χ^2/NDF : 572622.4/19

In: 641.544+/-0.239 χ^2/NDF : 119413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.060+/-0.151 χ^2/NDF : 572622.4/19

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.055+/-41.027 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

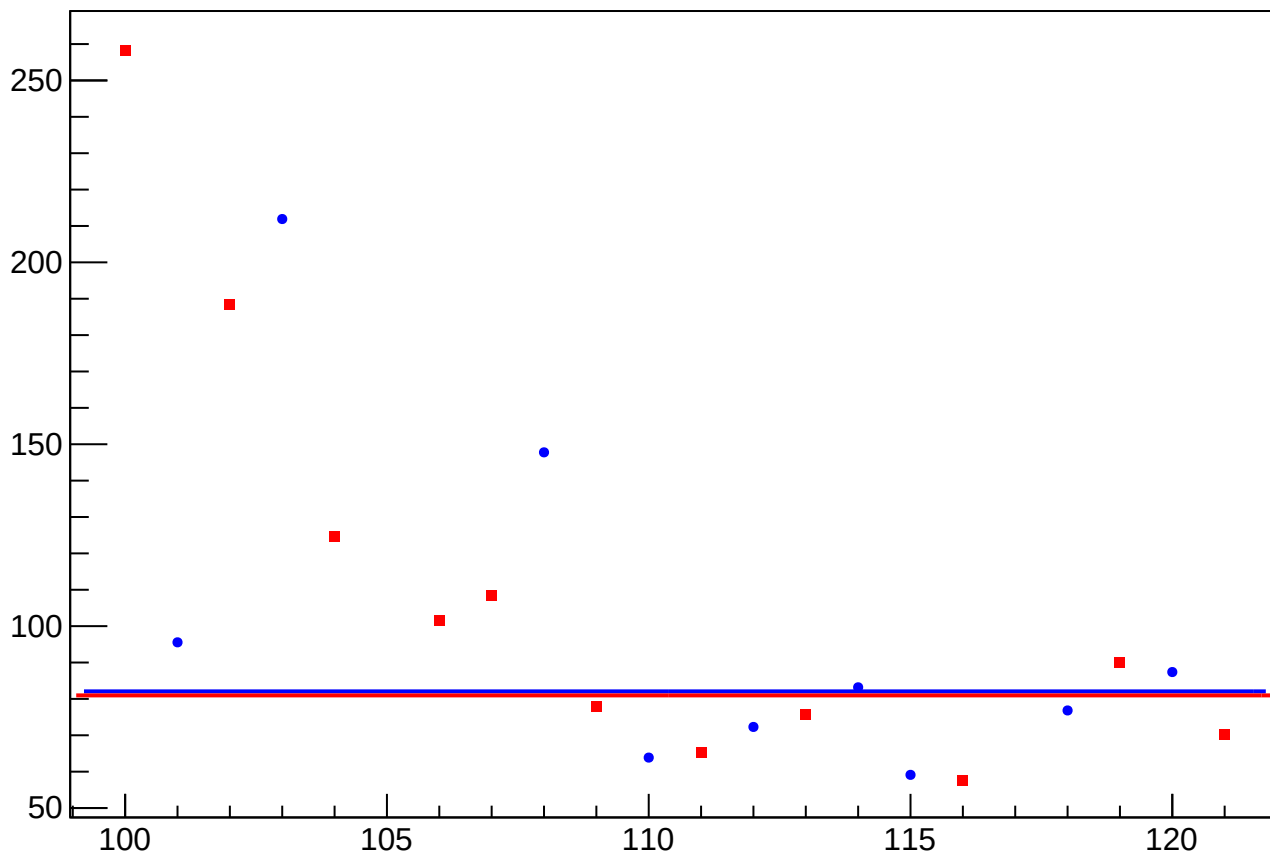
Right: 49.901+/-30.615 χ^2/NDF : 18.9/19

In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.901+/-30.615 χ^2/NDF : 18.9/19

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.067+/-0.033 χ^2/NDF : 747752.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.964+/-0.029 χ^2/NDF : 804611.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

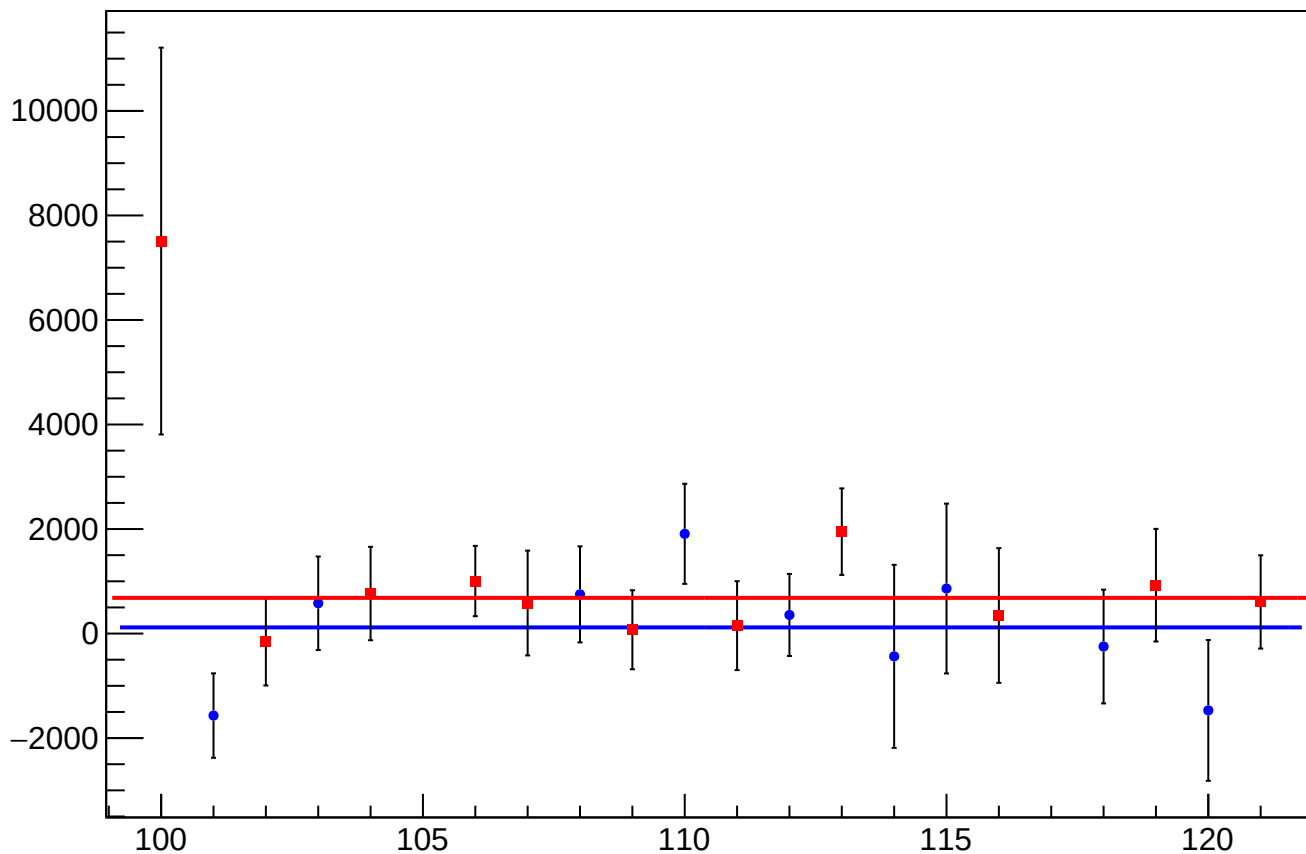
Right: 81.453+/-0.022 χ^2/NDF : 1553003.9/19

In: 82.067+/-0.033 χ^2/NDF : 747752.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.453+/-0.022 χ^2/NDF : 1553003.9/19

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 683.224+/-274.832 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

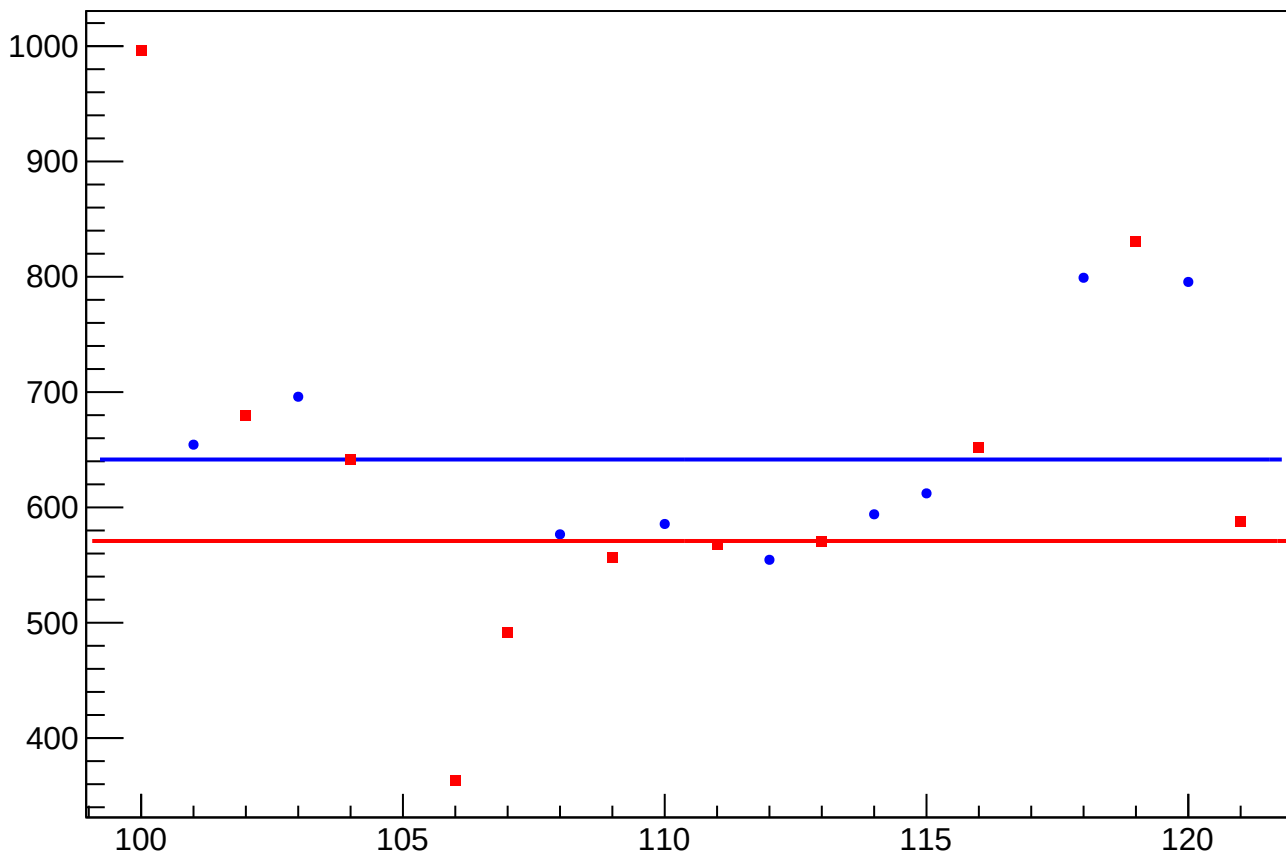
Right: 457.756+/-213.113 χ^2/NDF : 20.3/19

In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.756+/-213.113 χ^2/NDF : 20.3/19

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 641.544+/-0.239 χ^2/NDF : 119415.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.889+/-0.194 χ^2/NDF : 400509.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

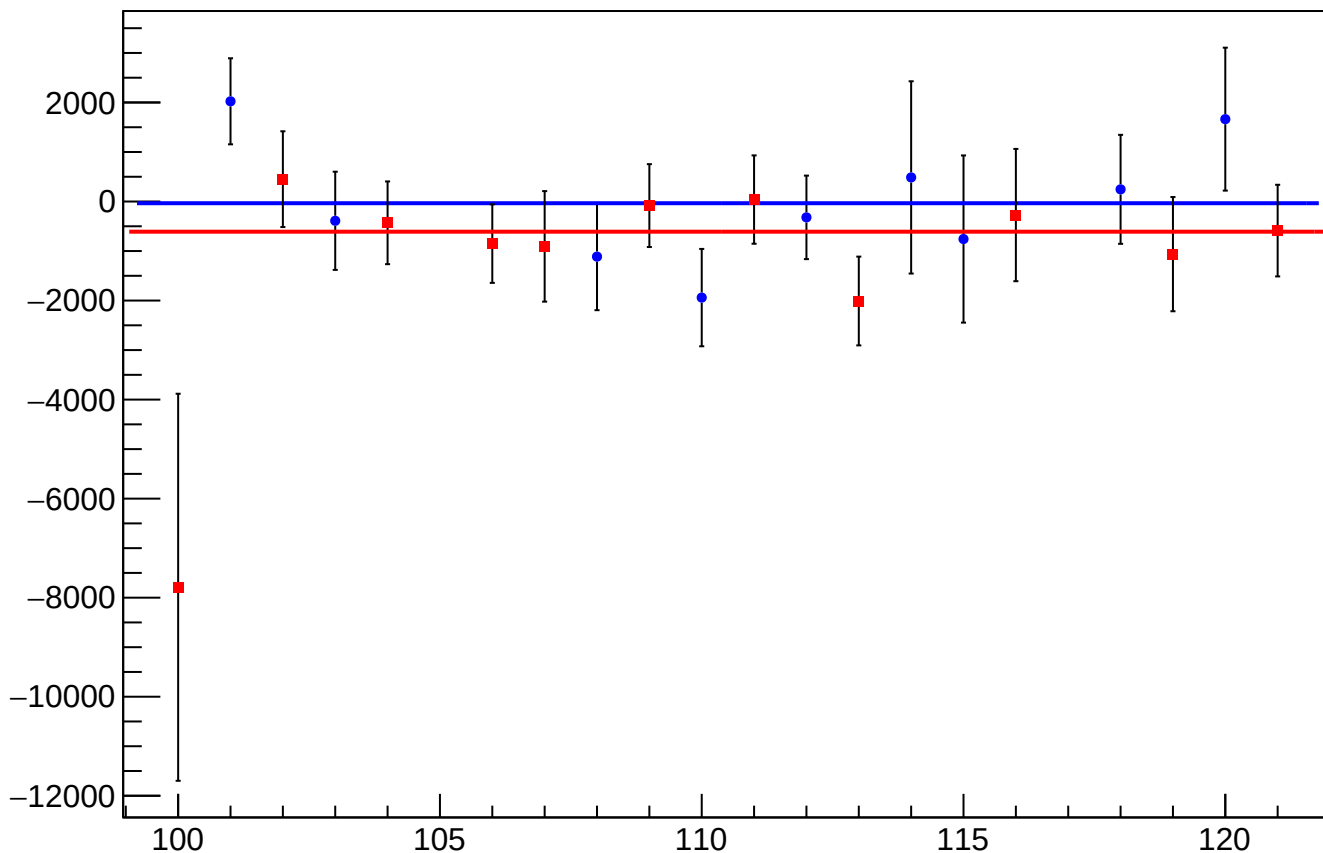
Right: 599.060+/-0.151 χ^2/NDF : 572627.1/19

In: 641.544+/-0.239 χ^2/NDF : 119415.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.060+/-0.151 χ^2/NDF : 572627.1/19

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -34.361+/-363.675 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -609.333+/-296.560 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

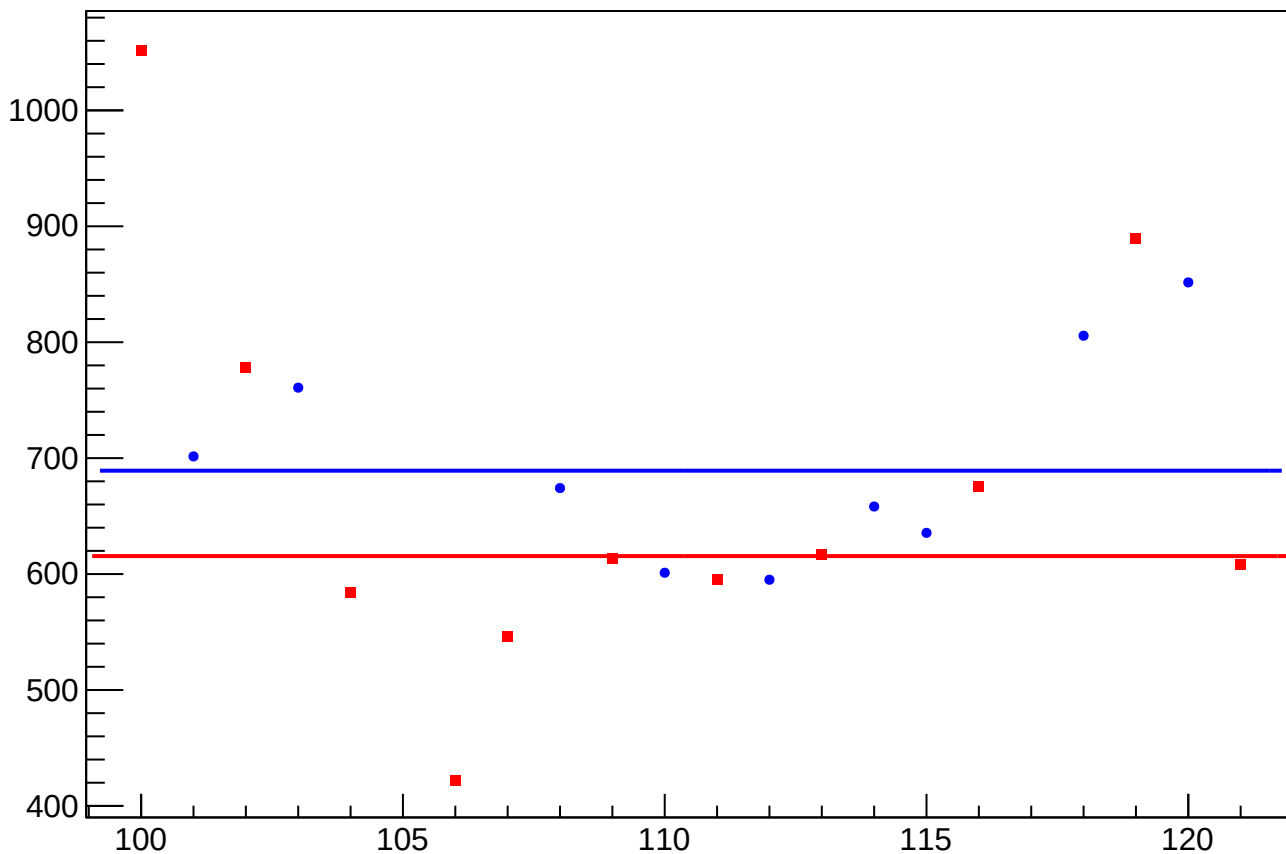
Right: -379.696+/-229.832 χ^2/NDF : 22.2/19

In: -34.361+/-363.675 χ^2/NDF : 12.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.696+/-229.832 χ^2/NDF : 22.2/19

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 689.191+/-0.257 χ^2/NDF : 102401.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 615.489+/-0.210 χ^2/NDF : 328462.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

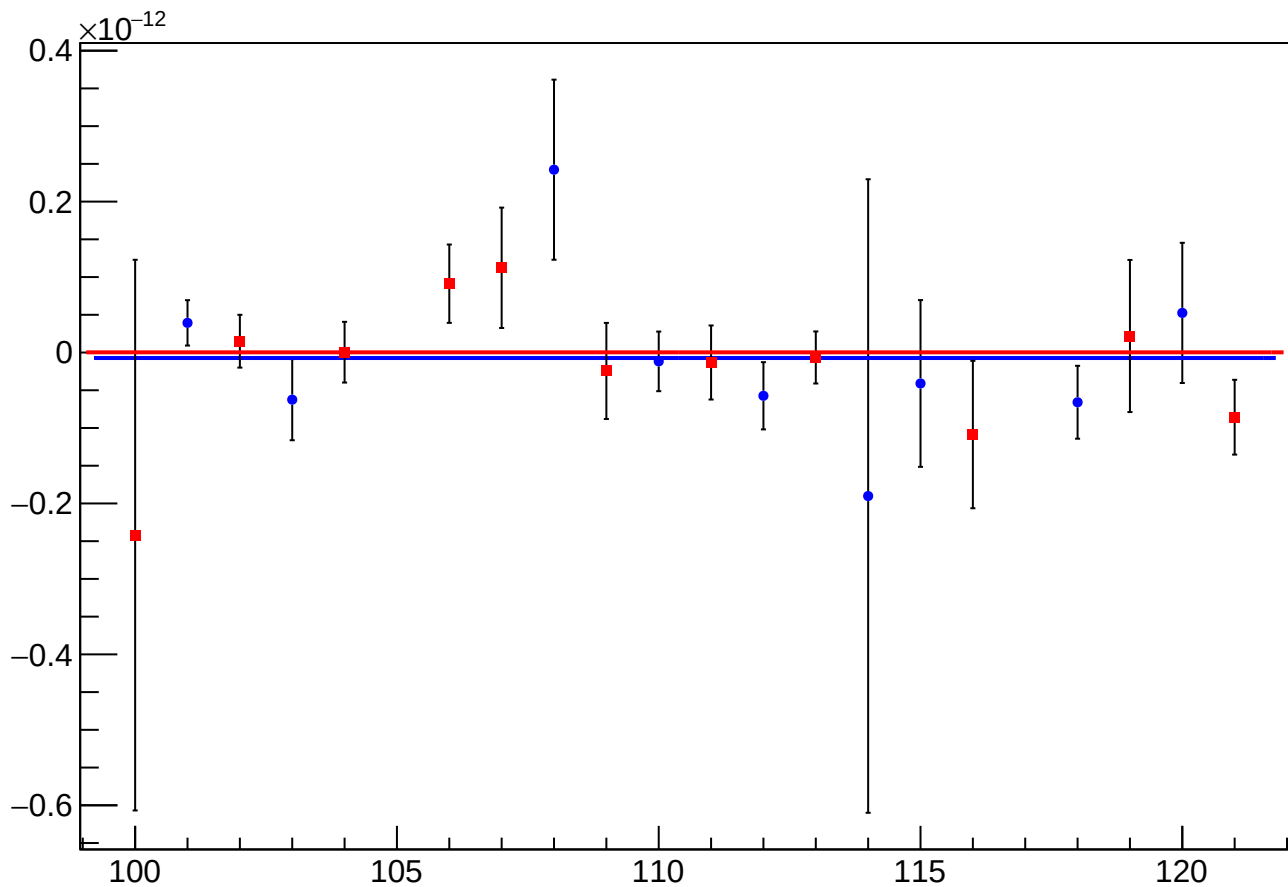
Right: 644.924+/-0.163 χ^2/NDF : 480199.9/19

In: 689.191+/-0.257 χ^2/NDF : 102401.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.924+/-0.163 χ^2/NDF : 480199.9/19

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

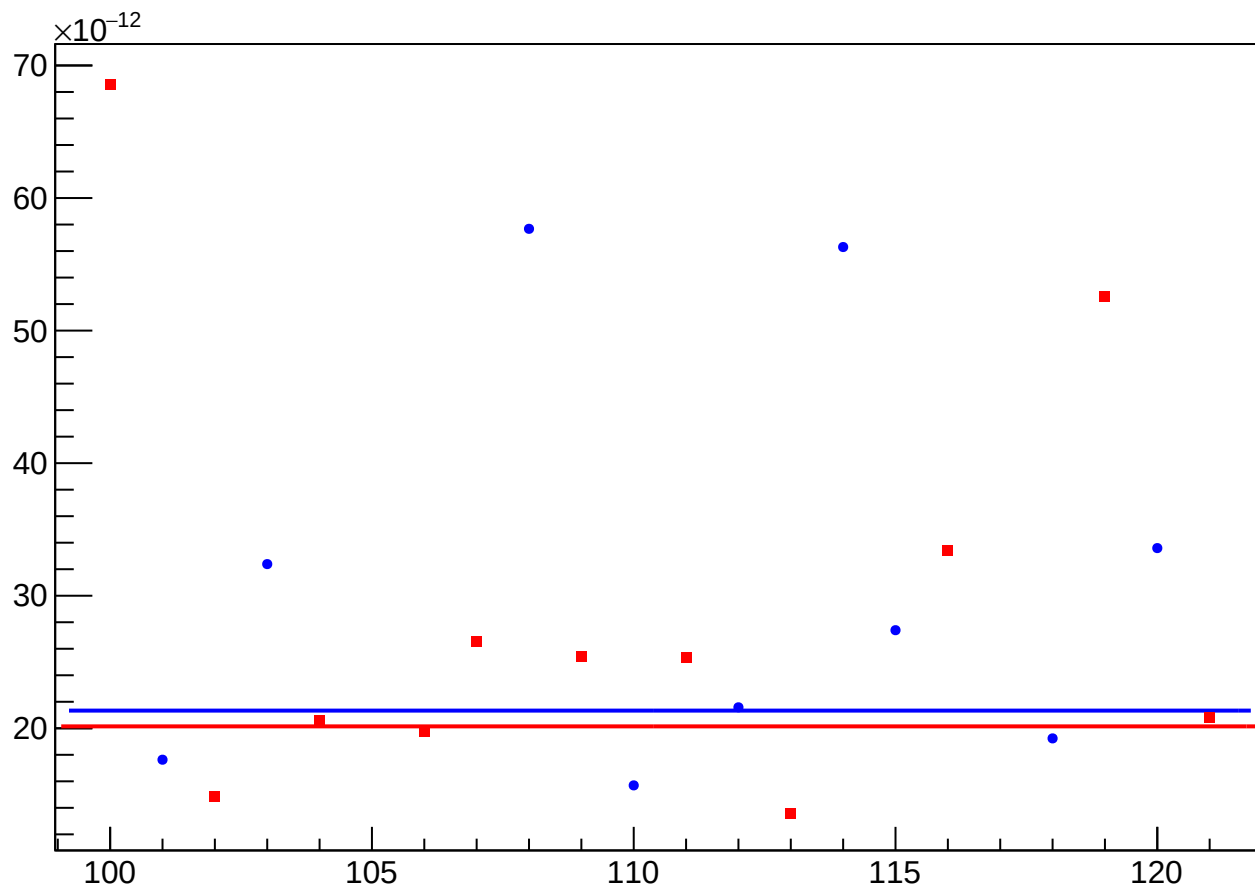
Right: -0.000+/-0.000 χ^2/NDF : 21.6/19

In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.6/19

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 399781.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446860.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

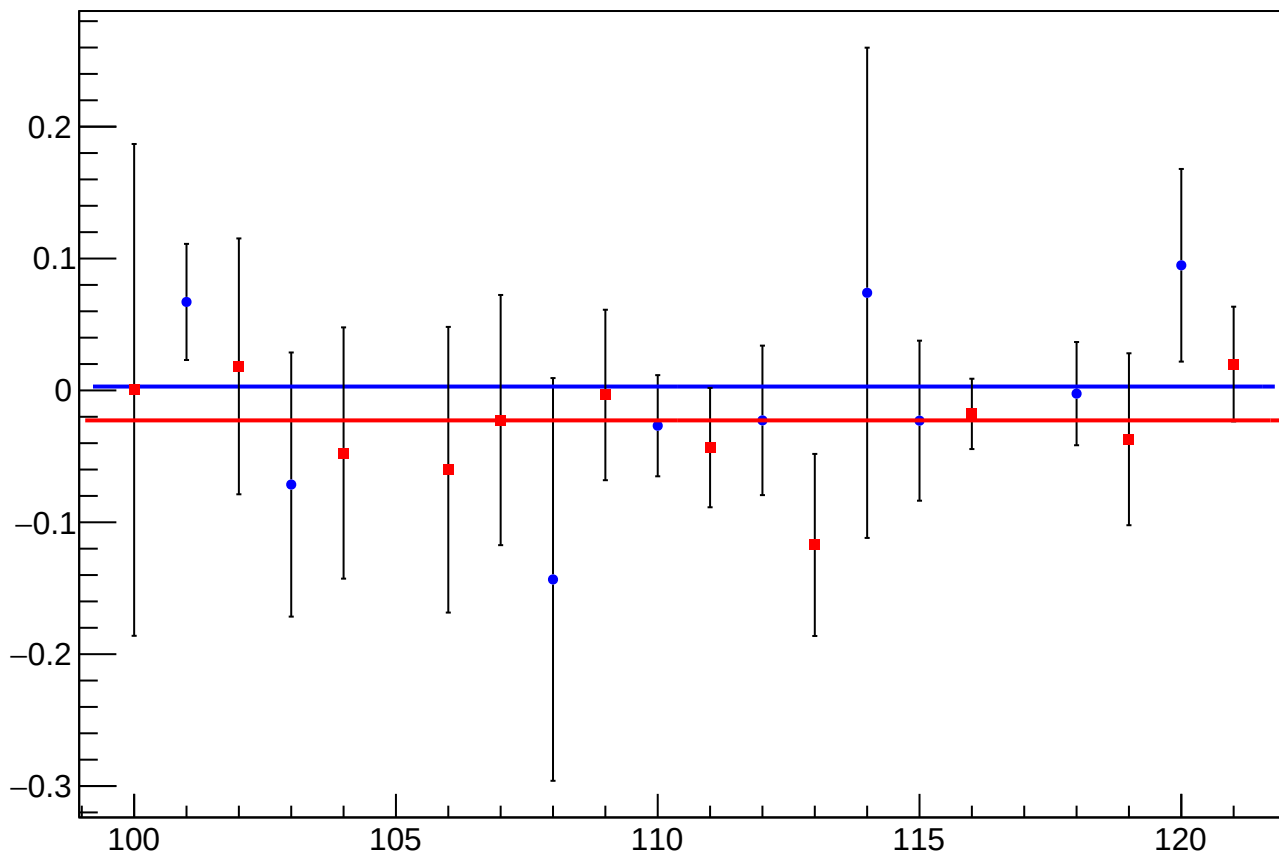
Right: 0.000+/-0.000 χ^2/NDF : 851809.7/19

In: 0.000+/-0.000 χ^2/NDF : 399781.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 851809.7/19

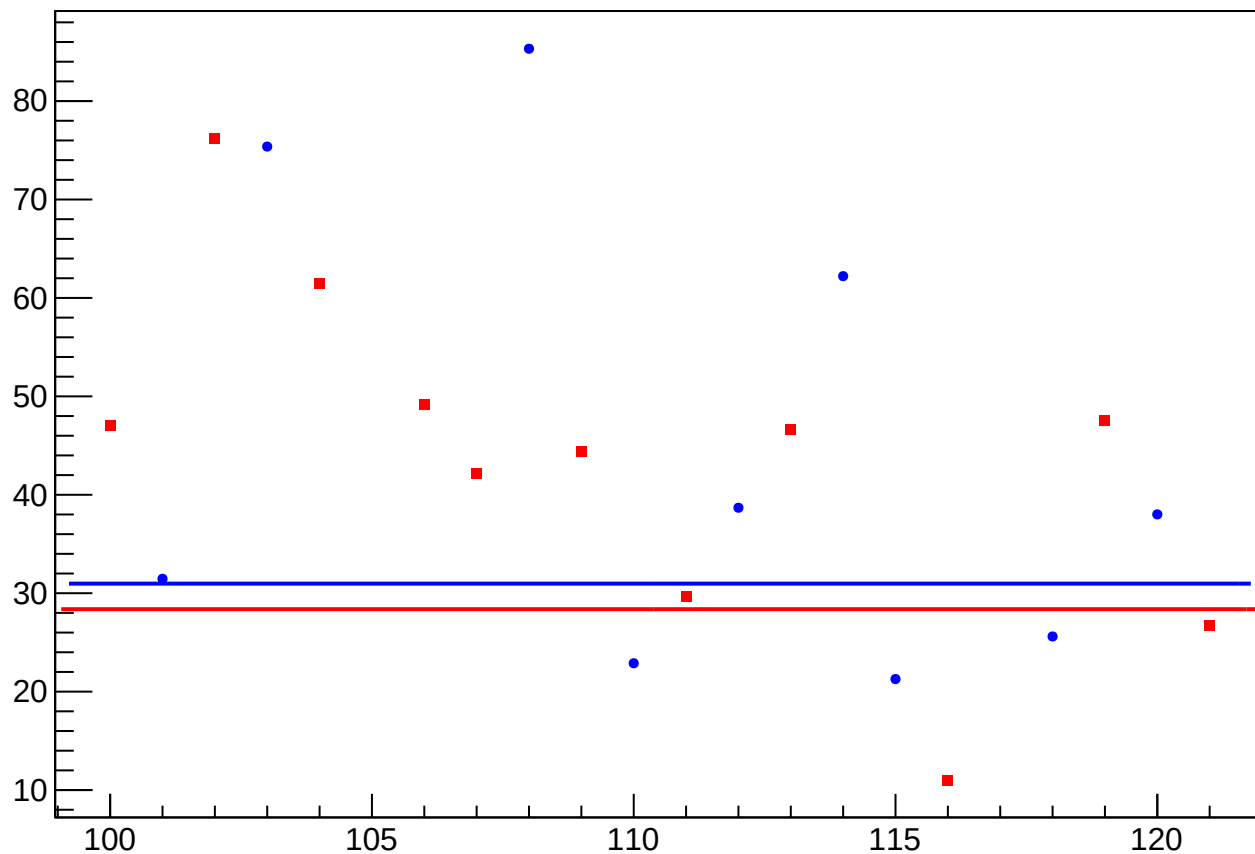
asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.023+/-0.017 χ^2/NDF : 3.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.011+/-0.013 χ^2/NDF : 11.0/19
 In: 0.003+/-0.019 χ^2/NDF : 6.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.011+/-0.013 χ^2/NDF : 11.0/19

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.376+/-0.012 χ^2/NDF : 2156162.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

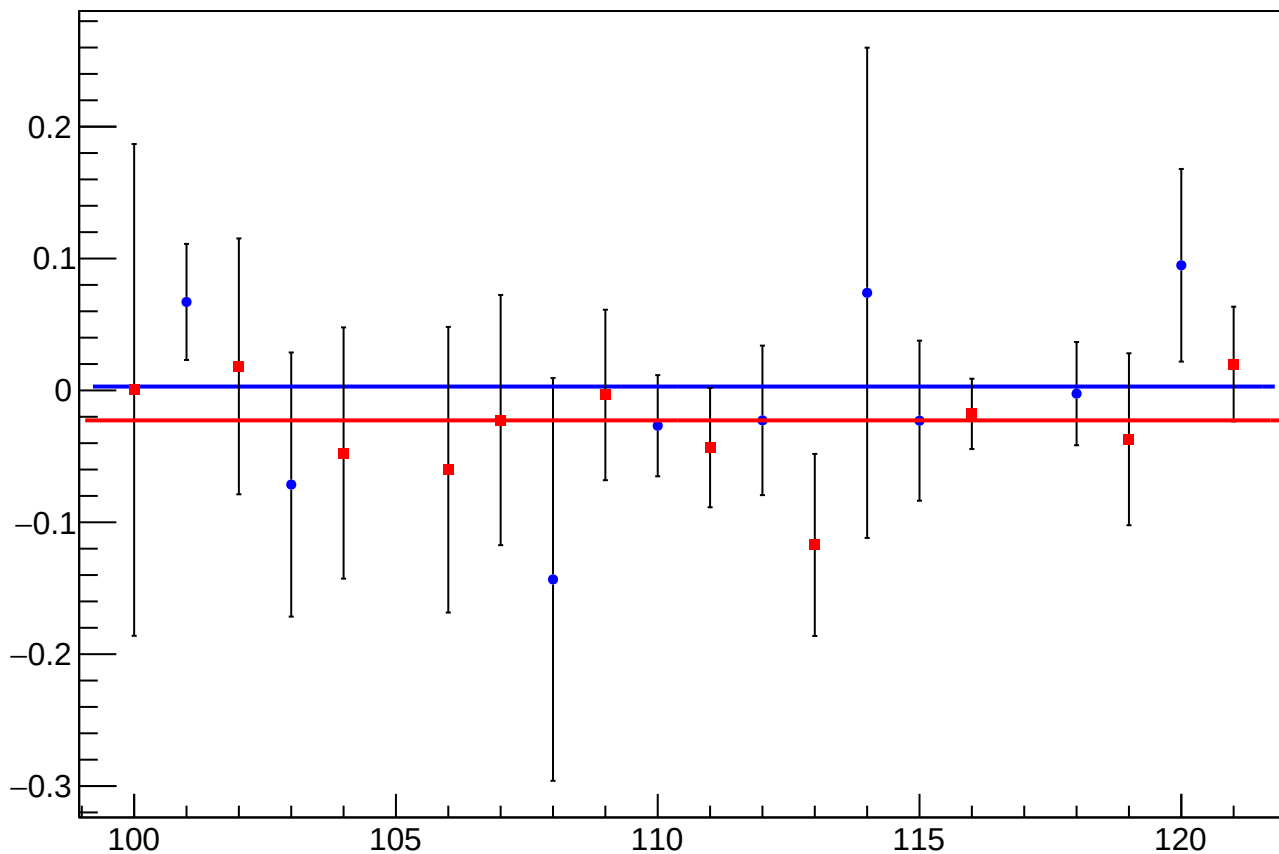
Right: 29.519+/-0.009 χ^2/NDF : 3113710.3/19

In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.519+/-0.009 χ^2/NDF : 3113710.3/19

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.017 χ^2/NDF : 3.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

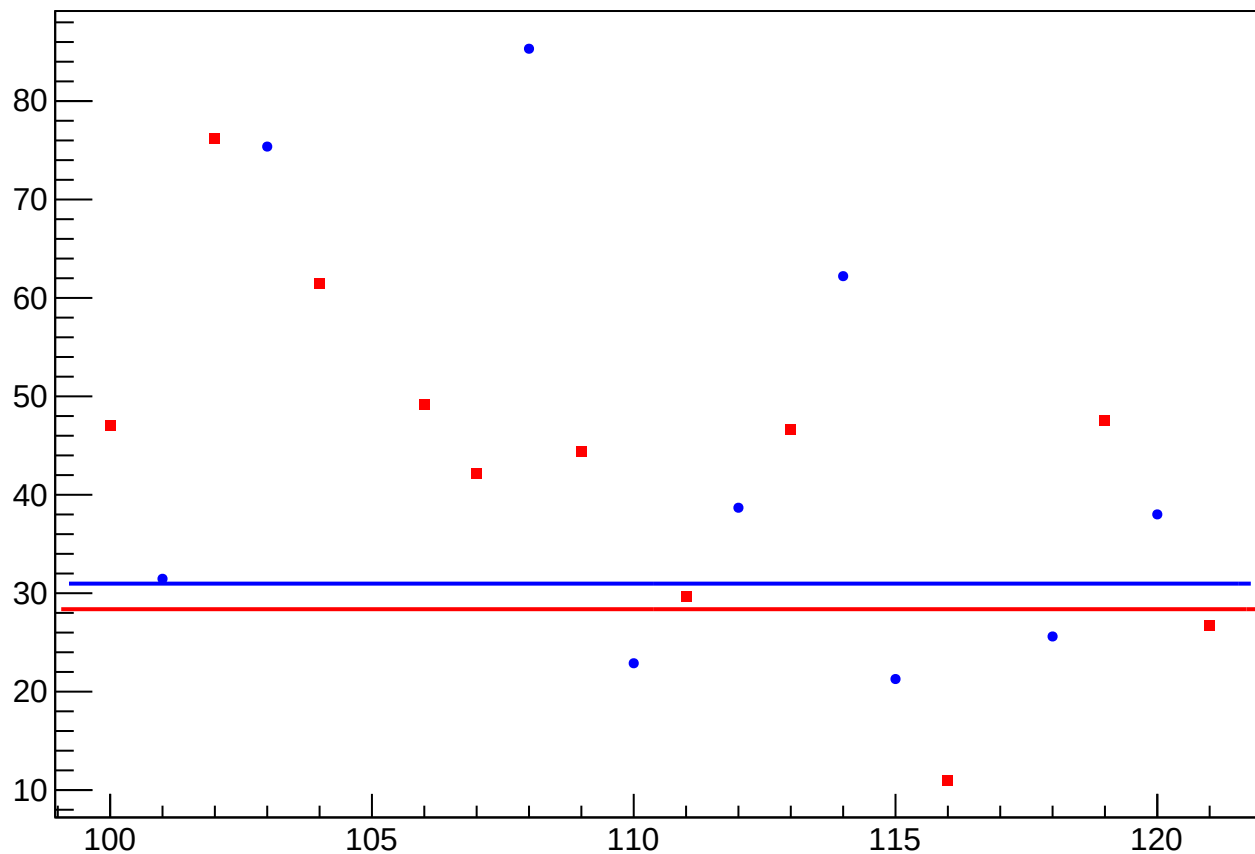
Right: -0.011+/-0.013 χ^2/NDF : 11.0/19

In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.013 χ^2/NDF : 11.0/19

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.376+/-0.012 χ^2/NDF : 2156162.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

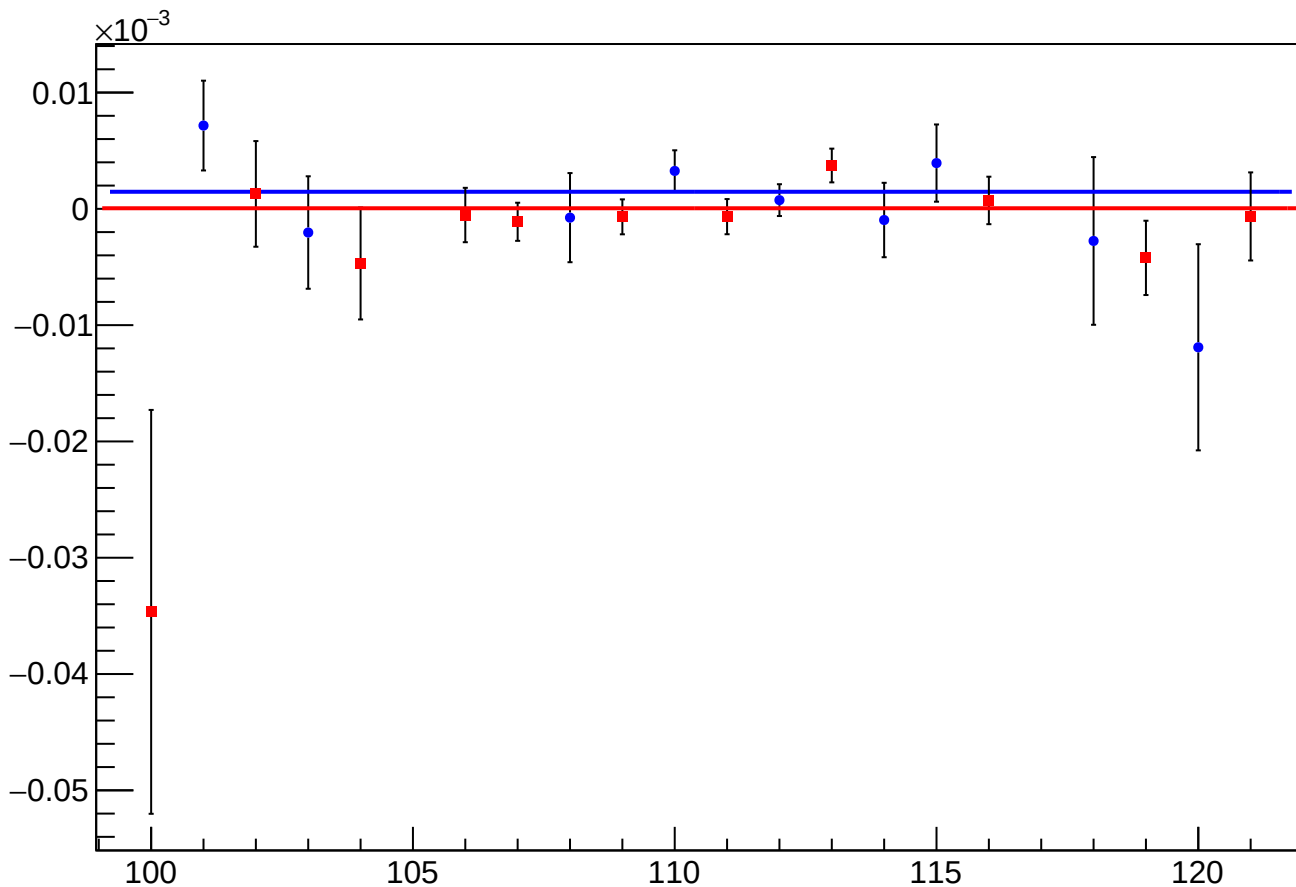
Right: 29.519+/-0.009 χ^2/NDF : 3113710.3/19

In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.519+/-0.009 χ^2/NDF : 3113710.3/19

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

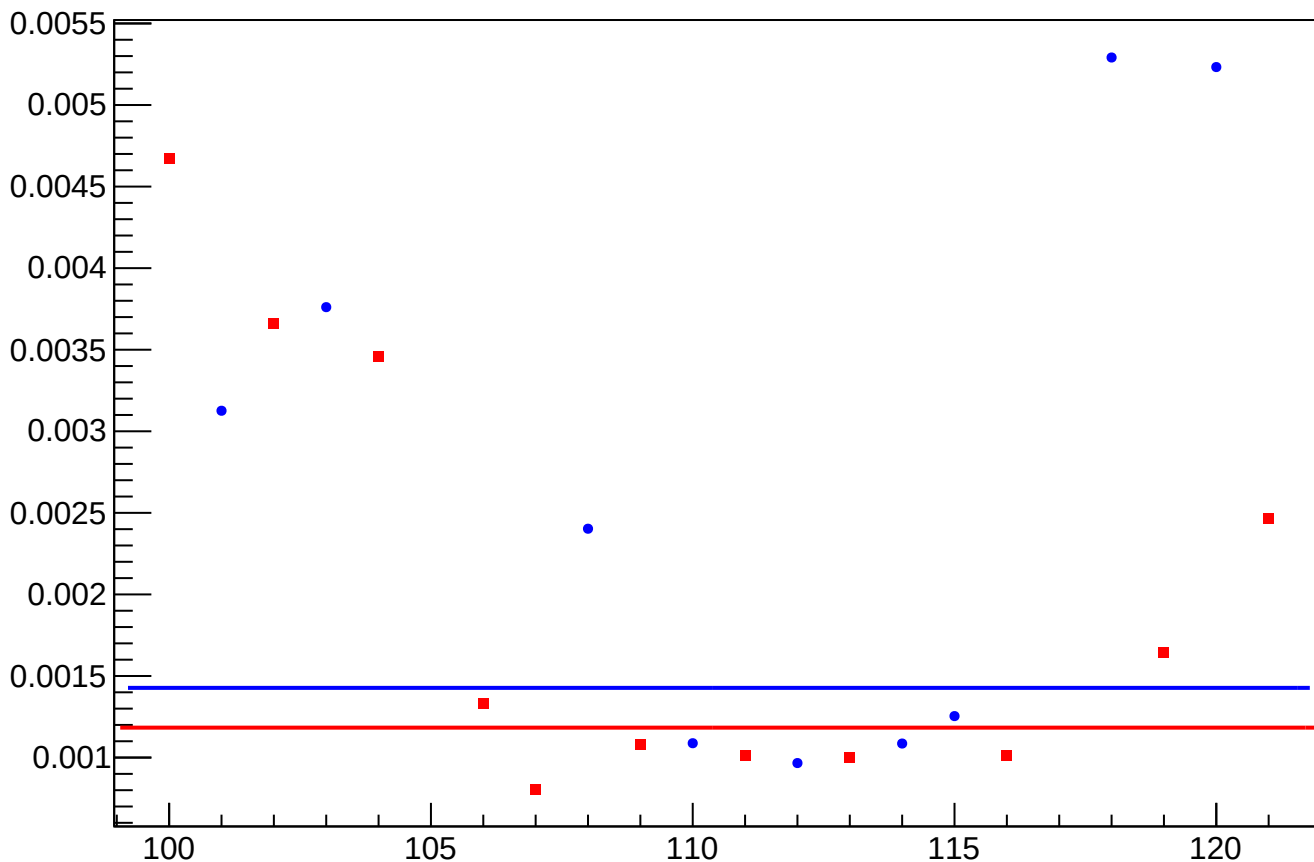
Right: 0.000+/-0.000 χ^2/NDF : 24.2/19

In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.2/19

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2253990.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1588215.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

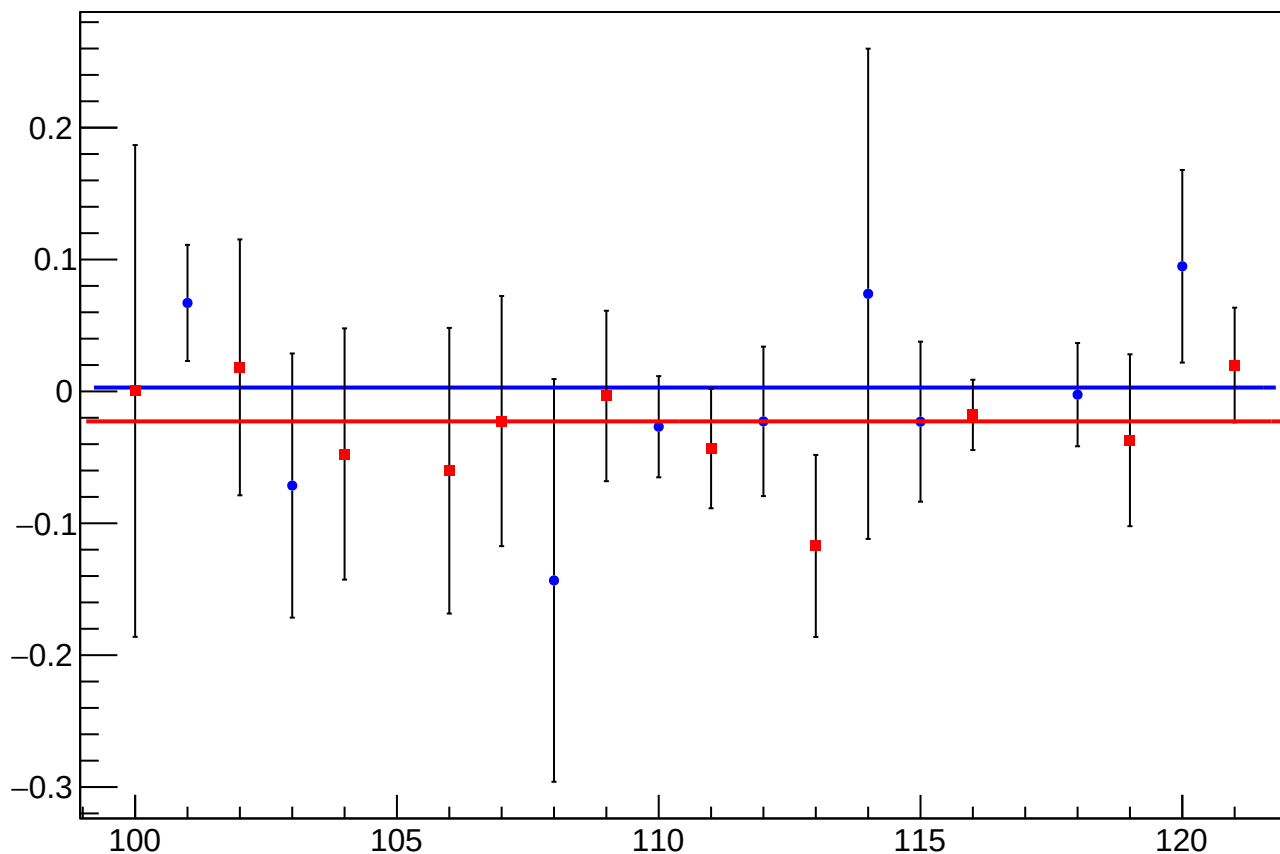
Right: 0.001+/-0.000 χ^2/NDF : 3940138.2/19

In: 0.001+/-0.000 χ^2/NDF : 2253990.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3940138.2/19

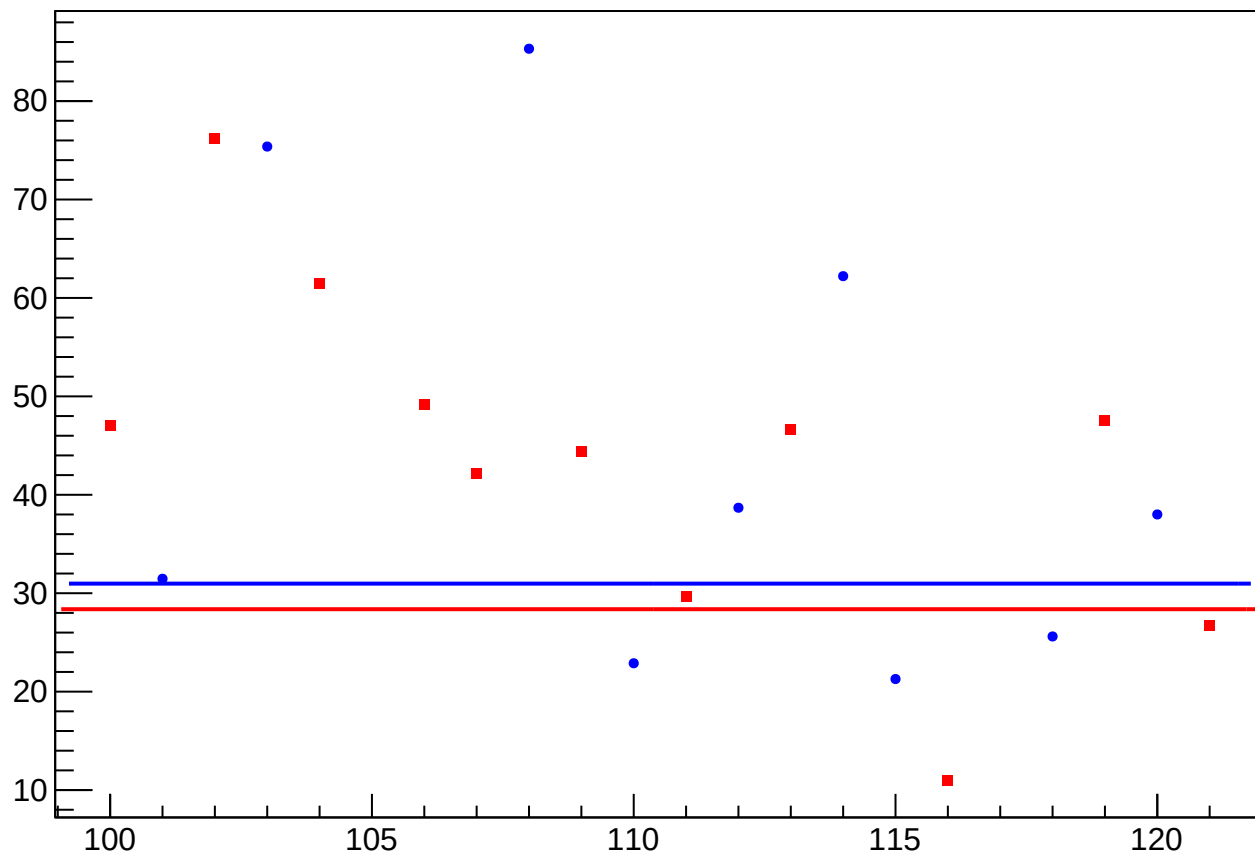
asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.023+/-0.017 χ^2/NDF : 3.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.011+/-0.013 χ^2/NDF : 11.0/19
 In: 0.003+/-0.019 χ^2/NDF : 6.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.011+/-0.013 χ^2/NDF : 11.0/19

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.376+/-0.012 χ^2/NDF : 2156079.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

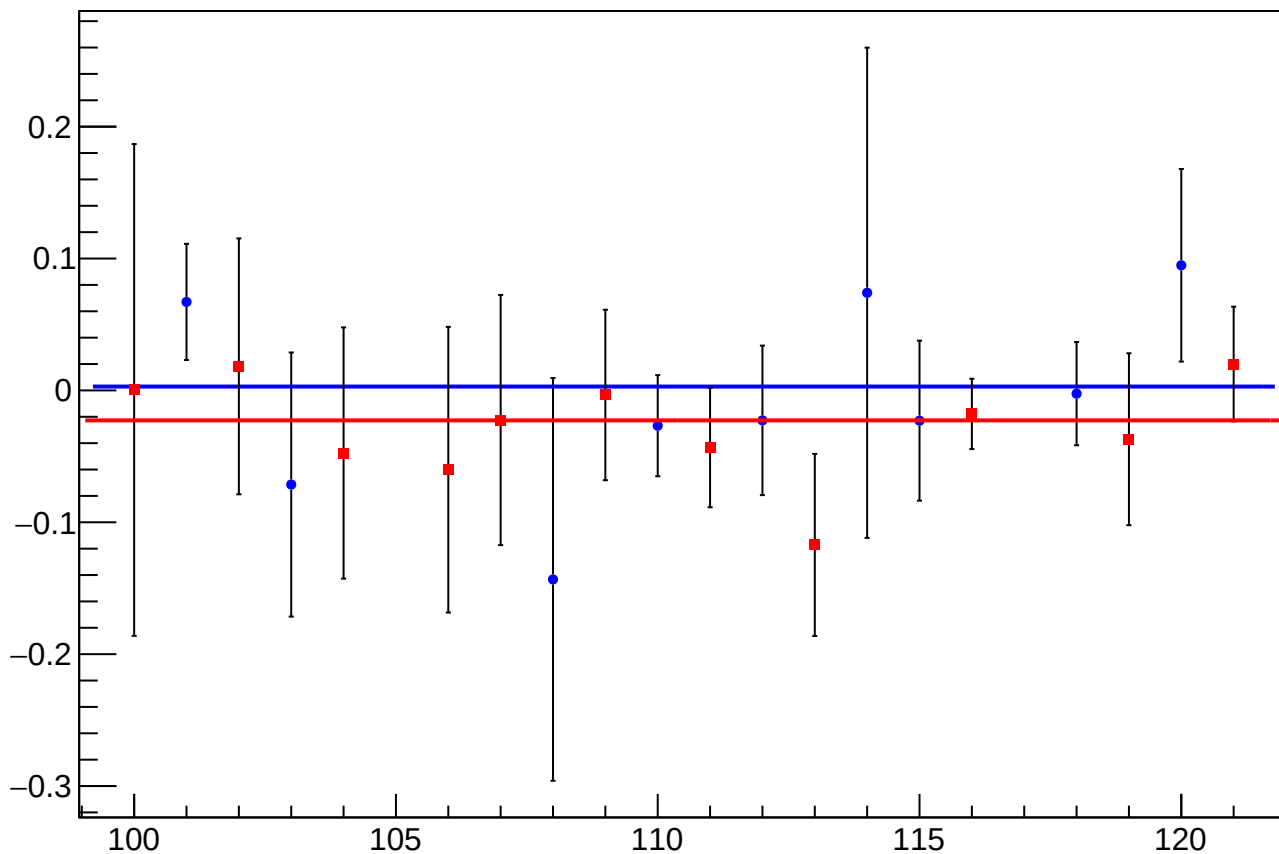
Right: 29.519+/-0.009 χ^2/NDF : 3113602.3/19

In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.519+/-0.009 χ^2/NDF : 3113602.3/19

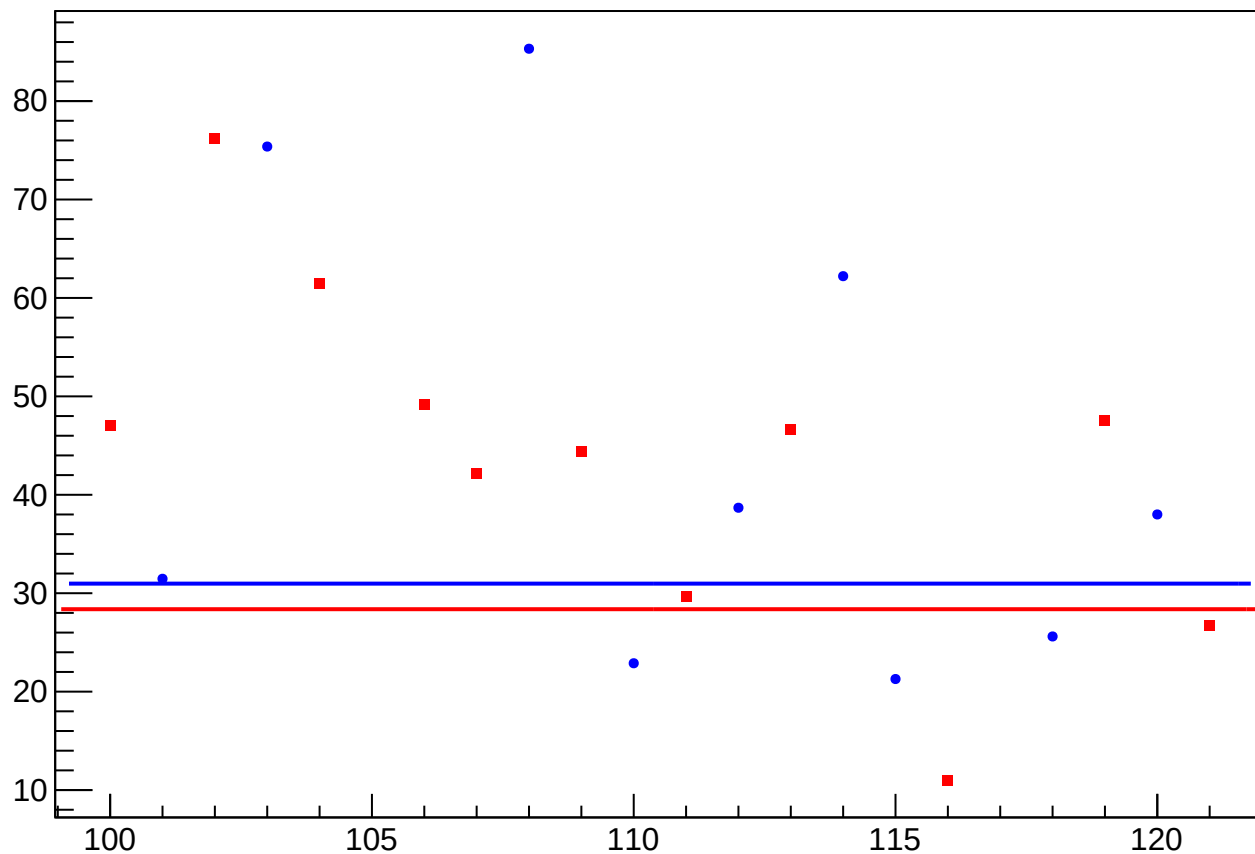
asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.023+/-0.017 χ^2/NDF : 3.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.011+/-0.013 χ^2/NDF : 11.0/19
 In: 0.003+/-0.019 χ^2/NDF : 6.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.011+/-0.013 χ^2/NDF : 11.0/19

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.376+/-0.012 χ^2/NDF : 2156079.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

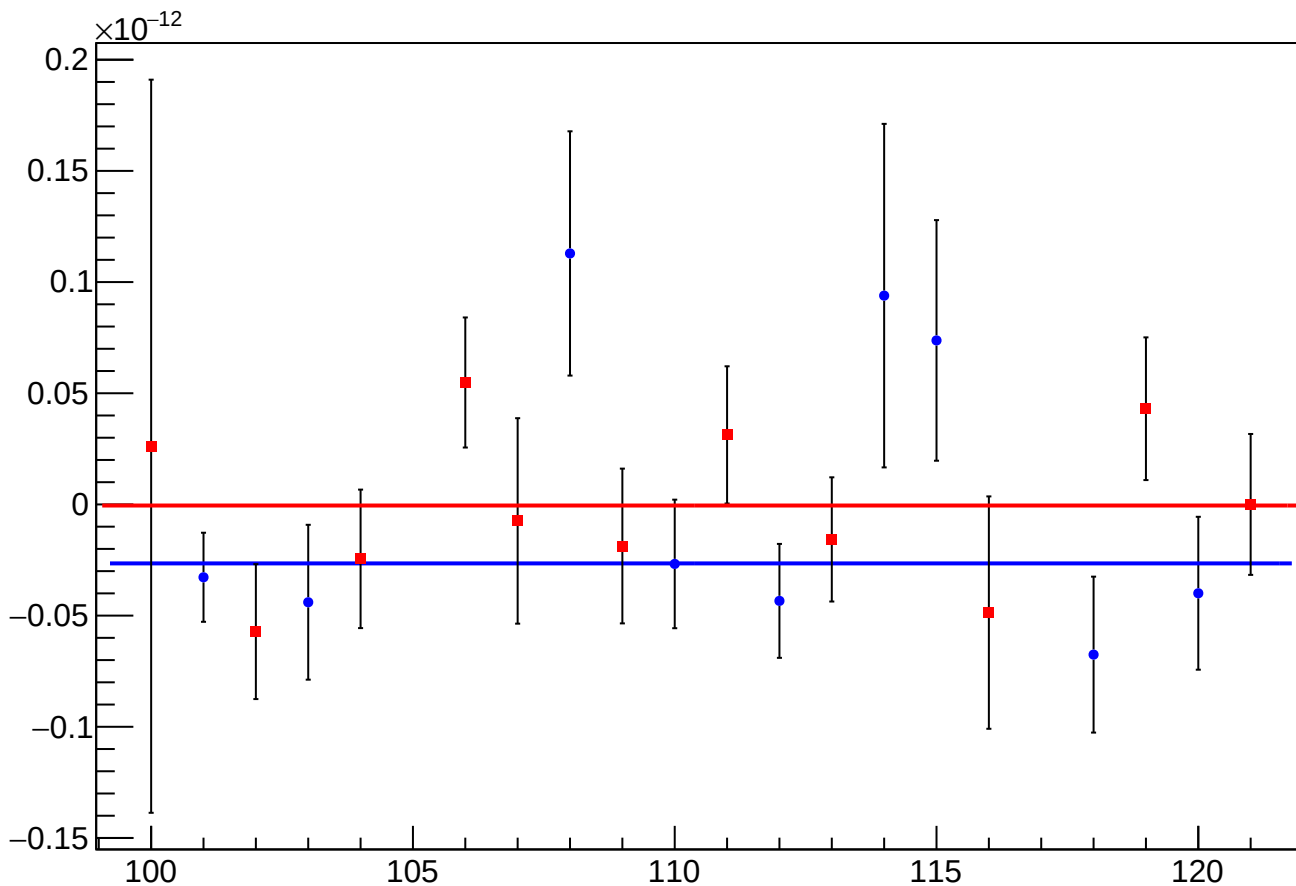
Right: 29.519+/-0.009 χ^2/NDF : 3113602.3/19

In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.519+/-0.009 χ^2/NDF : 3113602.3/19

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

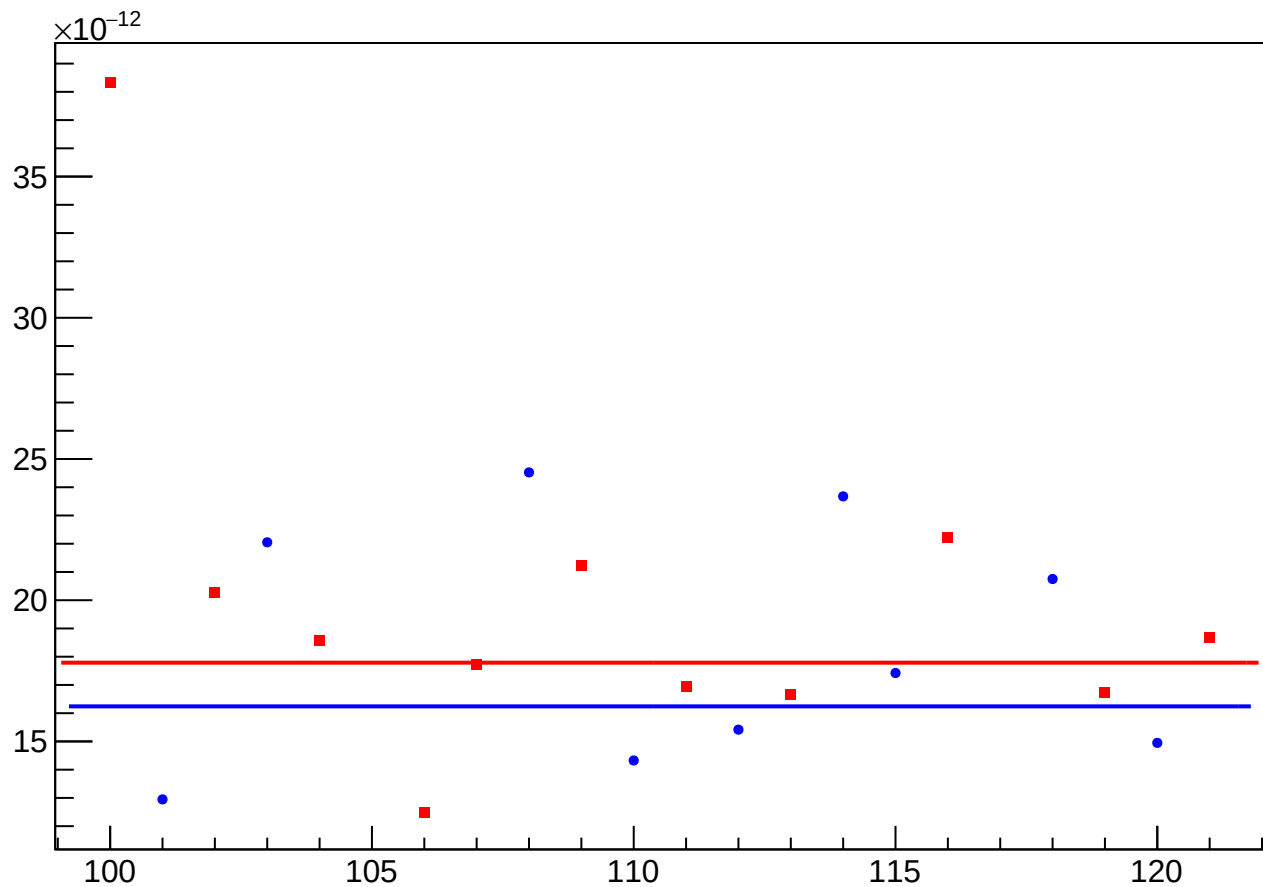
Right: -0.000+/-0.000 χ^2/NDF : 29.7/19

In: -0.000+/-0.000 χ^2/NDF : 14.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.7/19

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 221463.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153824.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

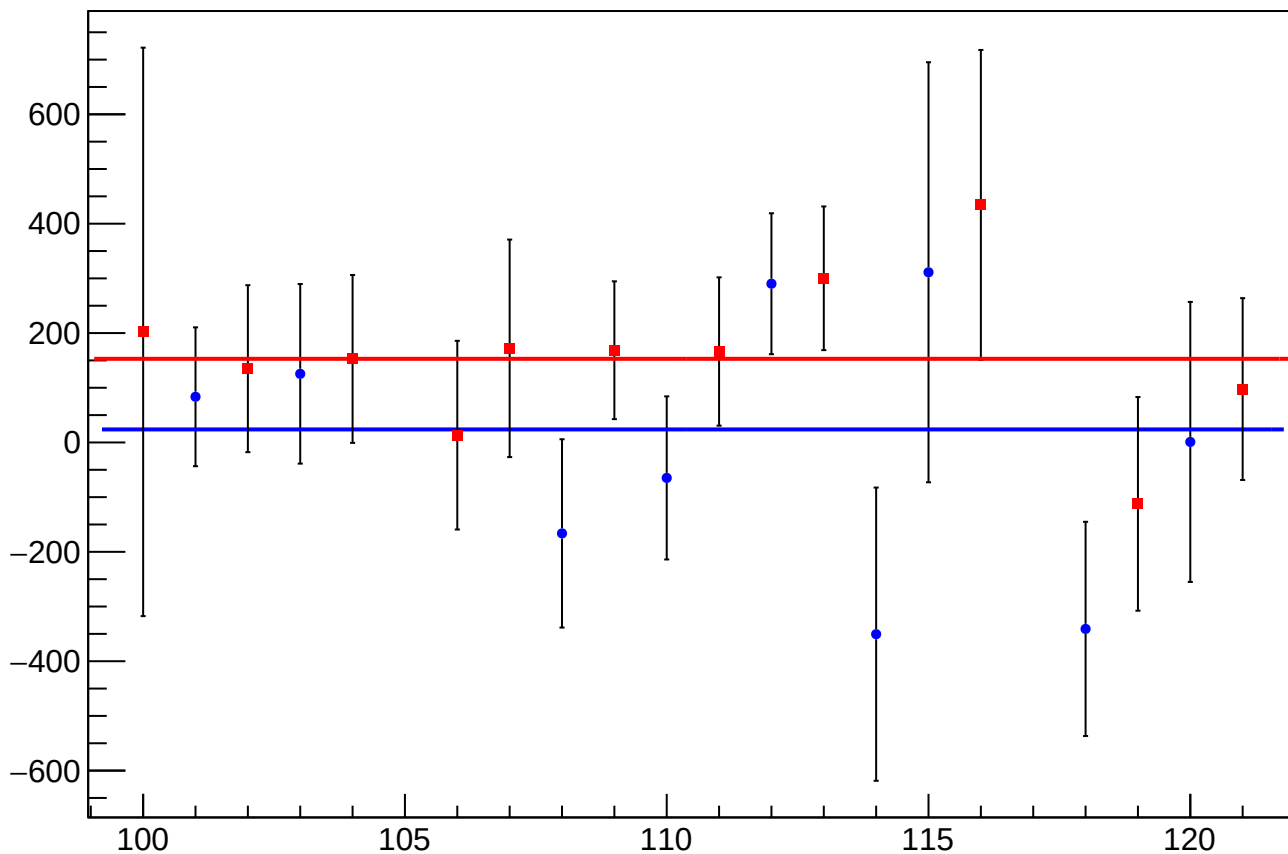
Right: 0.000+/-0.000 χ^2/NDF : 396598.0/19

In: 0.000+/-0.000 χ^2/NDF : 221463.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 396598.0/19

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.816+/-57.726 χ^2/NDF : 12.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.929+/-50.117 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

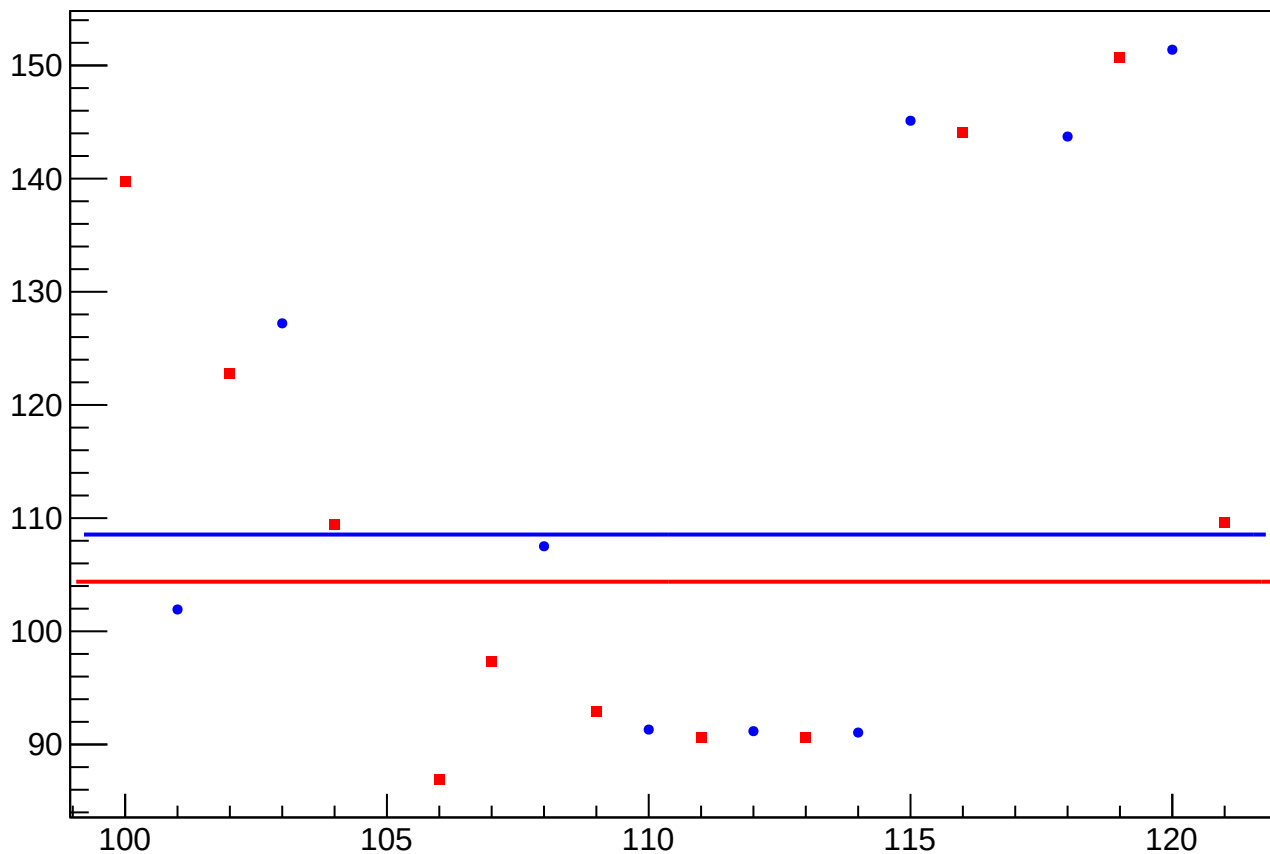
Right: 97.437+/-37.844 χ^2/NDF : 20.2/19

In: 23.816+/-57.726 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.437+/-37.844 χ^2/NDF : 20.2/19

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.551+/-0.041 χ^2/NDF : 241551.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.382+/-0.035 χ^2/NDF : 276391.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

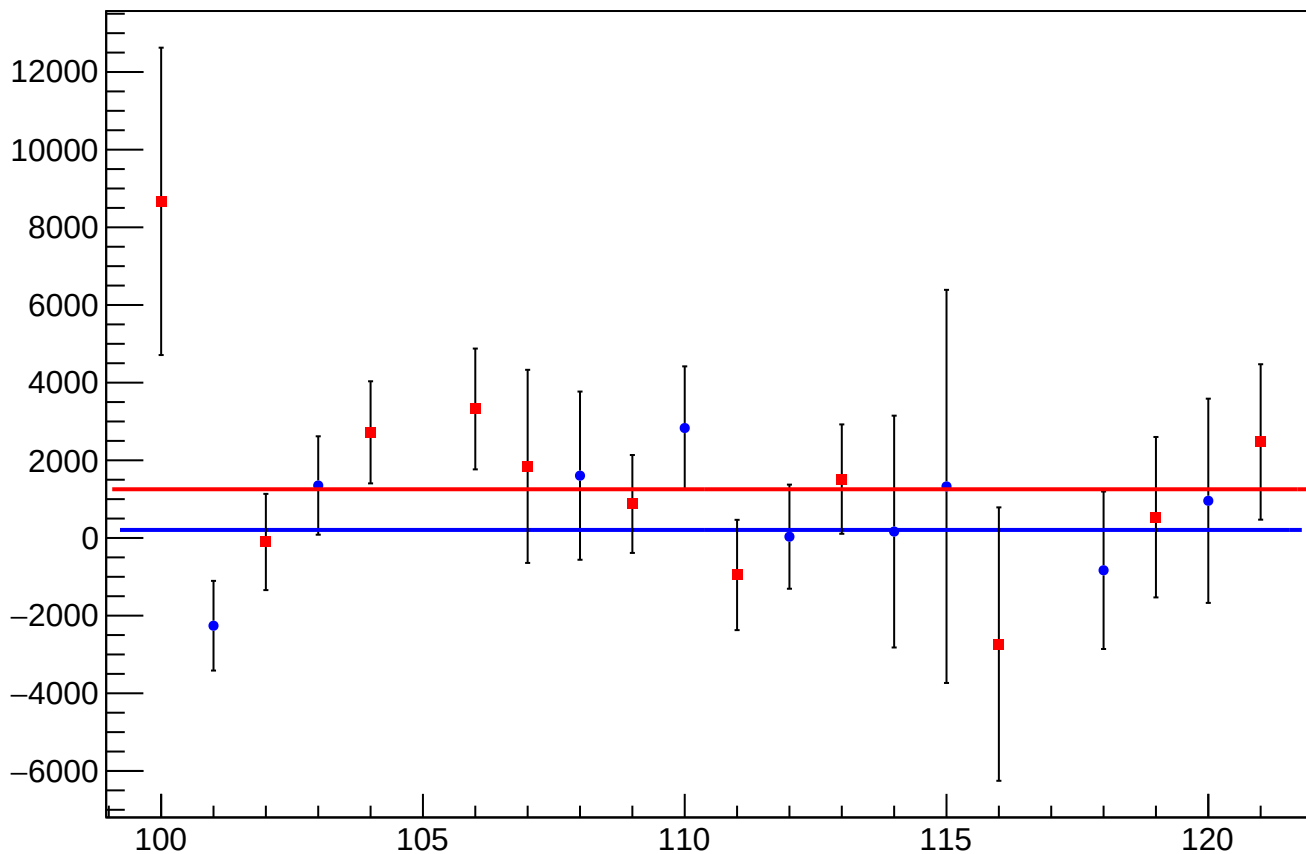
Right: 106.174+/-0.027 χ^2/NDF : 523889.2/19

In: 108.551+/-0.041 χ^2/NDF : 241551.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.174+/-0.027 χ^2/NDF : 523889.2/19

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 206.896+/-570.006 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1254.316+/-496.129 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

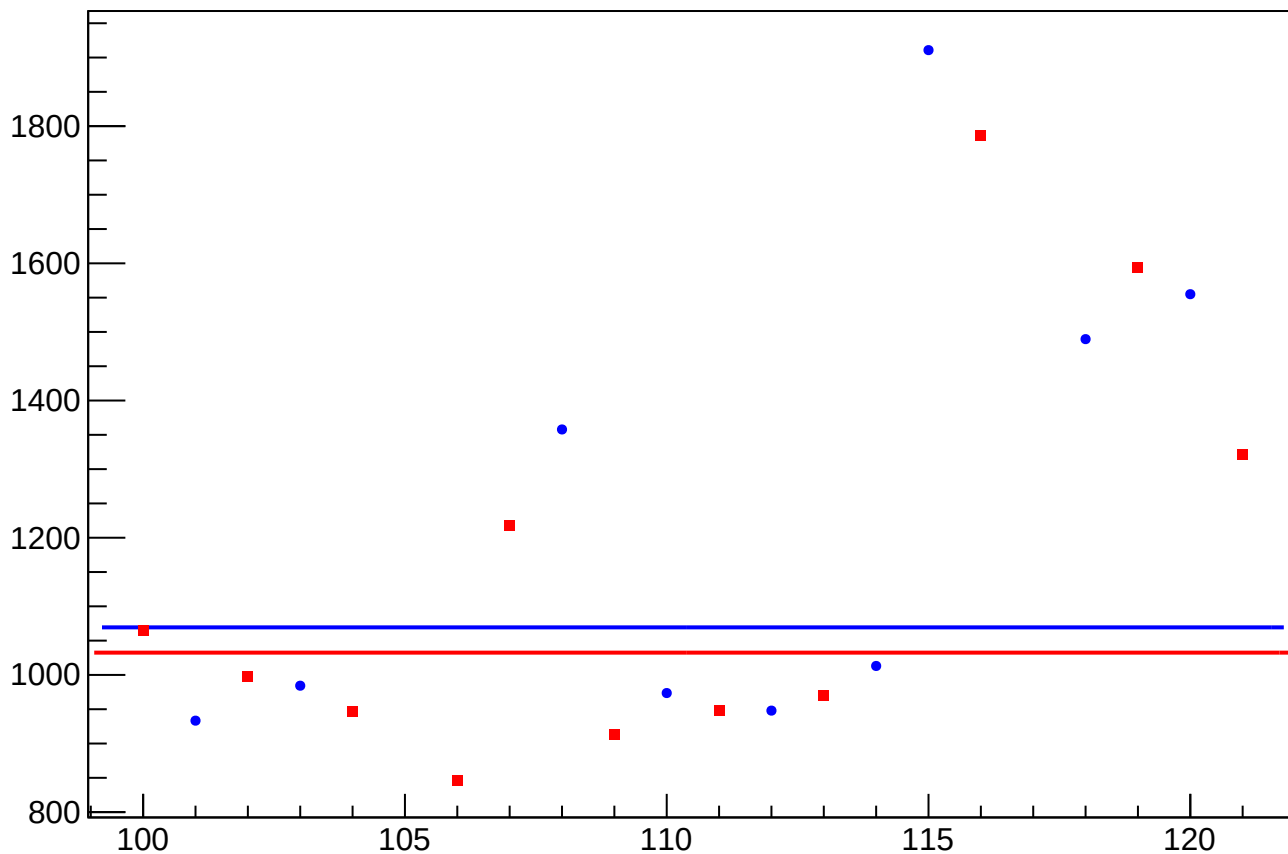
Right: 802.840+/-374.228 χ^2/NDF : 22.9/19

In: 206.896+/-570.006 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 802.840+/-374.228 χ^2/NDF : 22.9/19

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1069.337+/-0.403 χ^2/NDF : 305958.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.494+/-0.351 χ^2/NDF : 359481.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

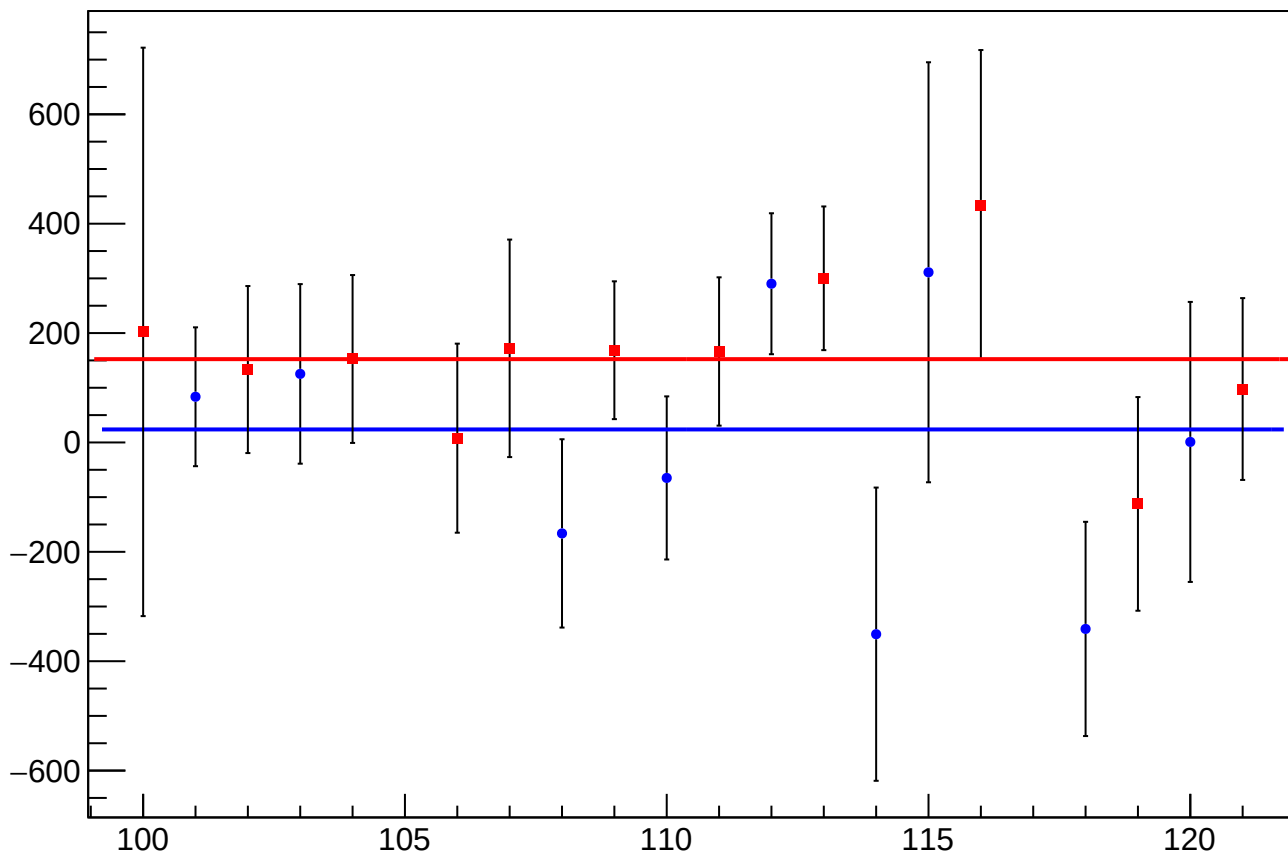
Right: 1048.374+/-0.265 χ^2/NDF : 670194.1/19

In: 1069.337+/-0.403 χ^2/NDF : 305958.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1048.374+/-0.265 χ^2/NDF : 670194.1/19

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.320+/-50.127 χ^2/NDF : 5.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

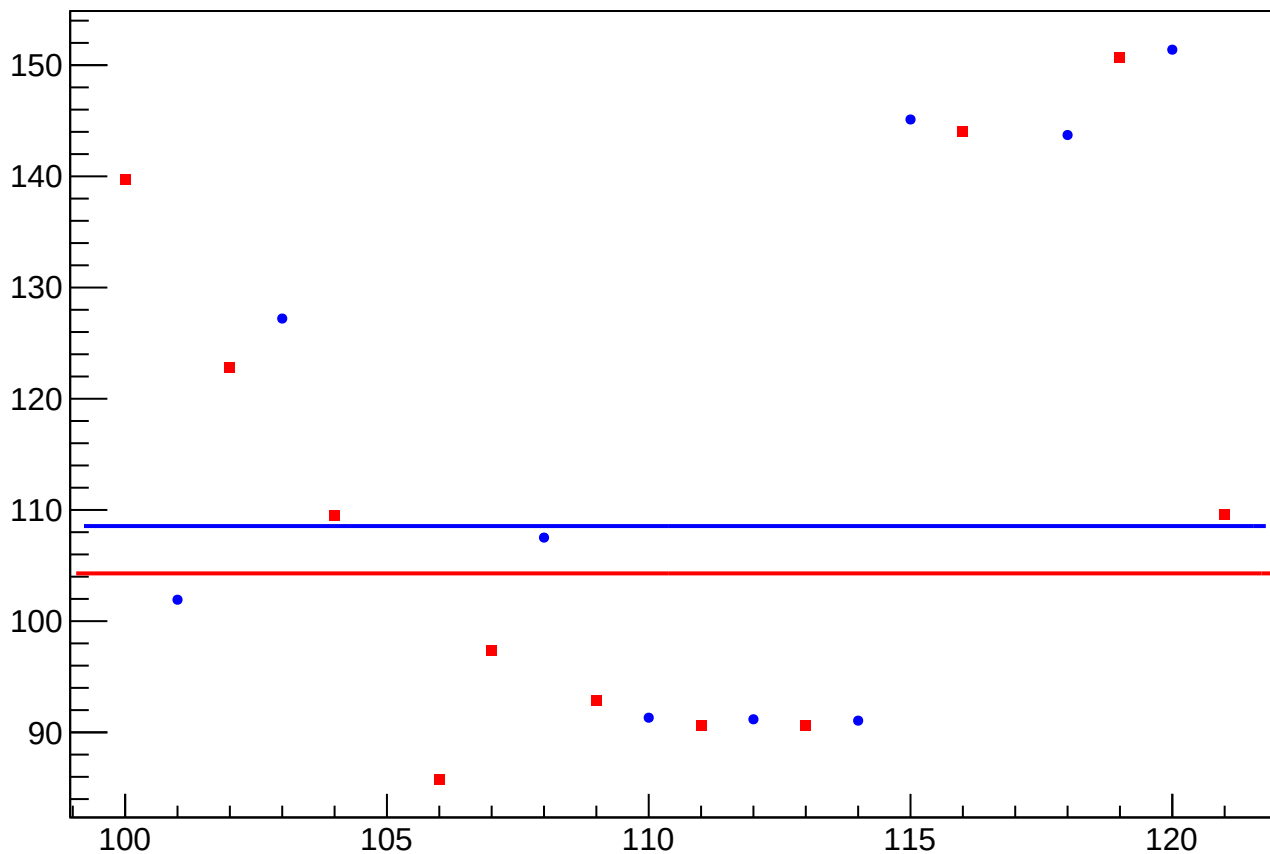
Right: 97.065+/-37.849 χ^2/NDF : 20.2/19

In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.065+/-37.849 χ^2/NDF : 20.2/19

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.551 $\pm$ 0.041 χ^2 /NDF: 241553.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.295 $\pm$ 0.035 χ^2 /NDF: 279200.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

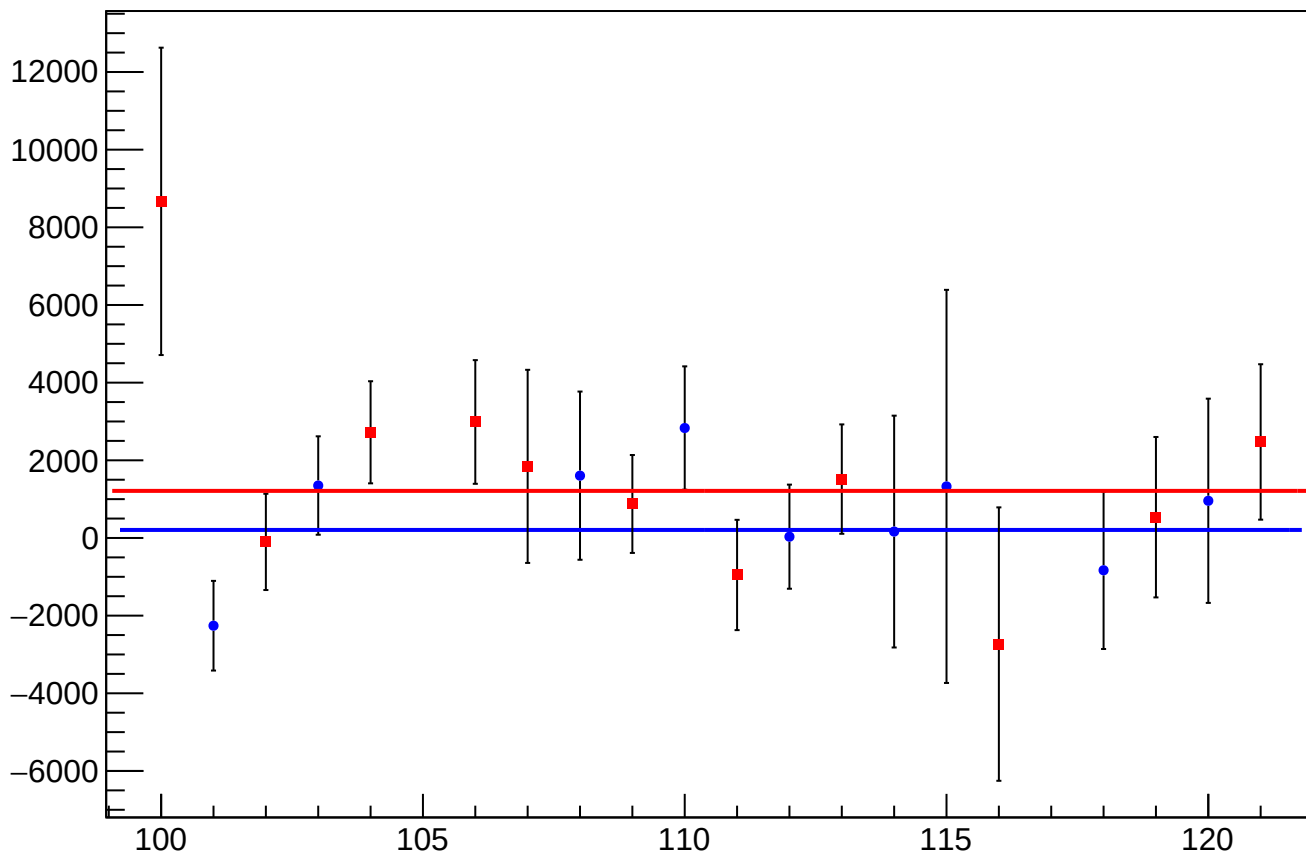
Right: 106.125 $\pm$ 0.027 χ^2 /NDF: 526950.1/19

In: 108.551 $\pm$ 0.041 χ^2 /NDF:241553.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.125 $\pm$ 0.027 χ^2 /NDF: 526950.1/19

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1212.631+/-497.316 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

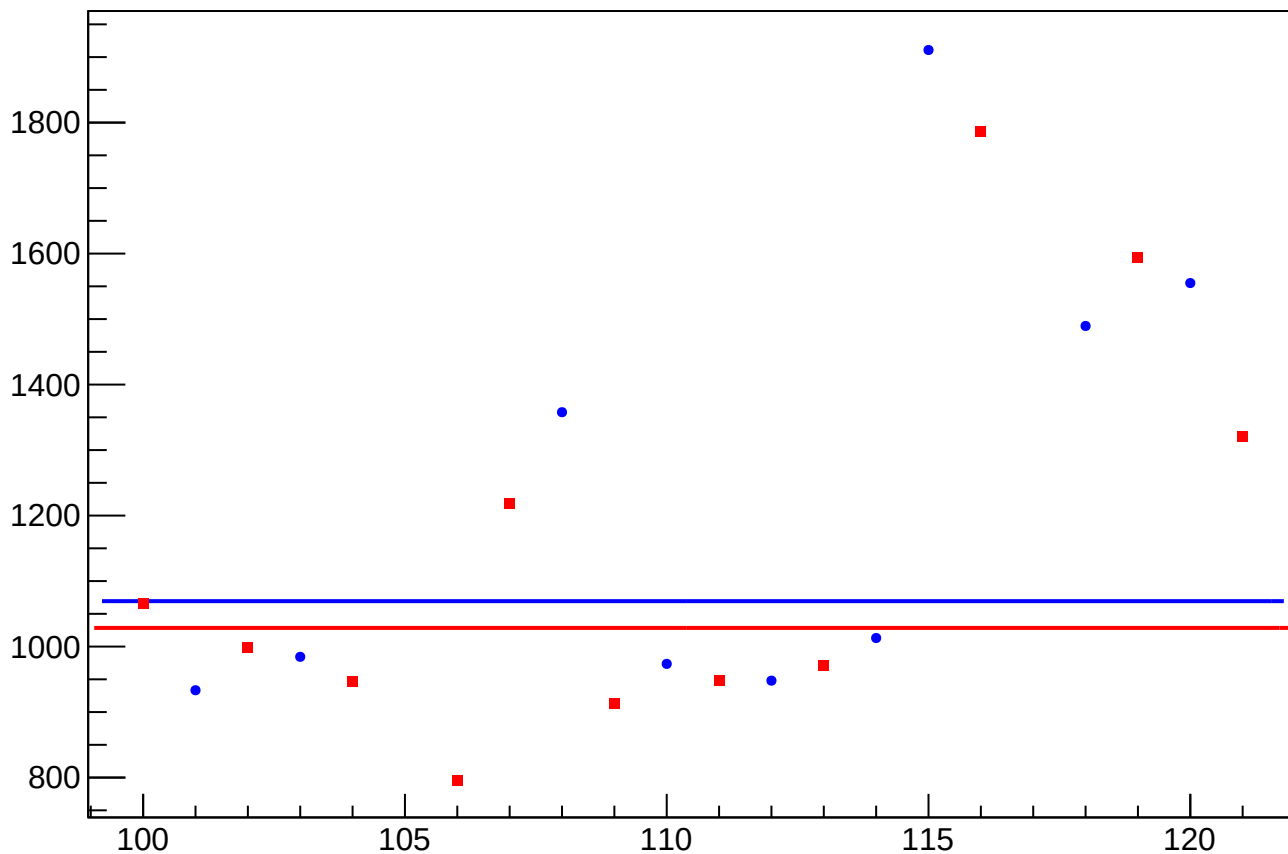
Right: 777.882+/-374.739 χ^2/NDF : 22.2/19

In: 206.741+/-570.013 χ^2/NDF :8.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 777.882+/-374.739 χ^2/NDF : 22.2/19

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1069.351 +/- 0.403 χ^2/NDF : 305944.0/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1028.490 +/- 0.352 χ^2/NDF : 374836.9/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

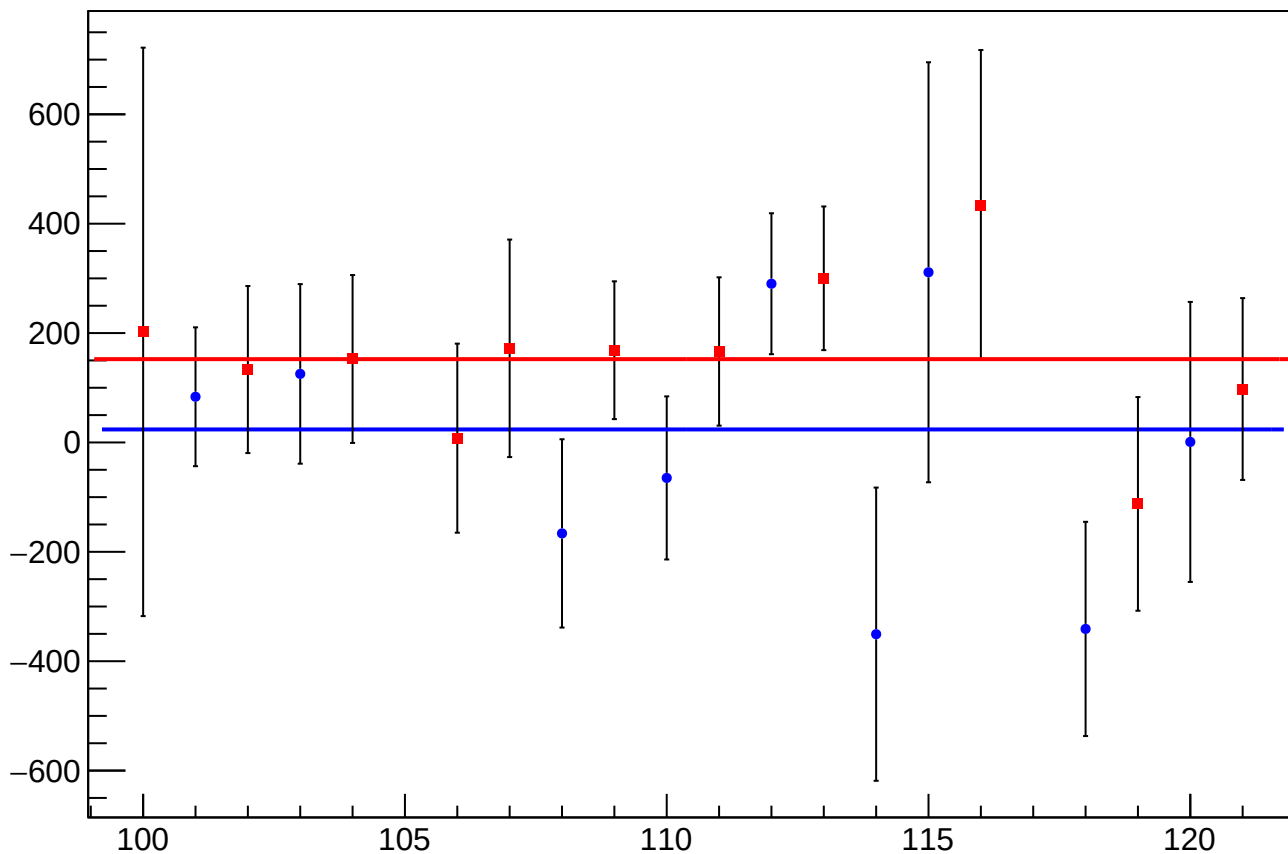
Right: 1046.150 +/- 0.265 χ^2/NDF : 686616.2/19

In: 1069.351 +/- 0.403 χ^2/NDF : 305944.0/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1046.150 +/- 0.265 χ^2/NDF : 686616.2/19

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.320+/-50.127 χ^2/NDF : 5.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

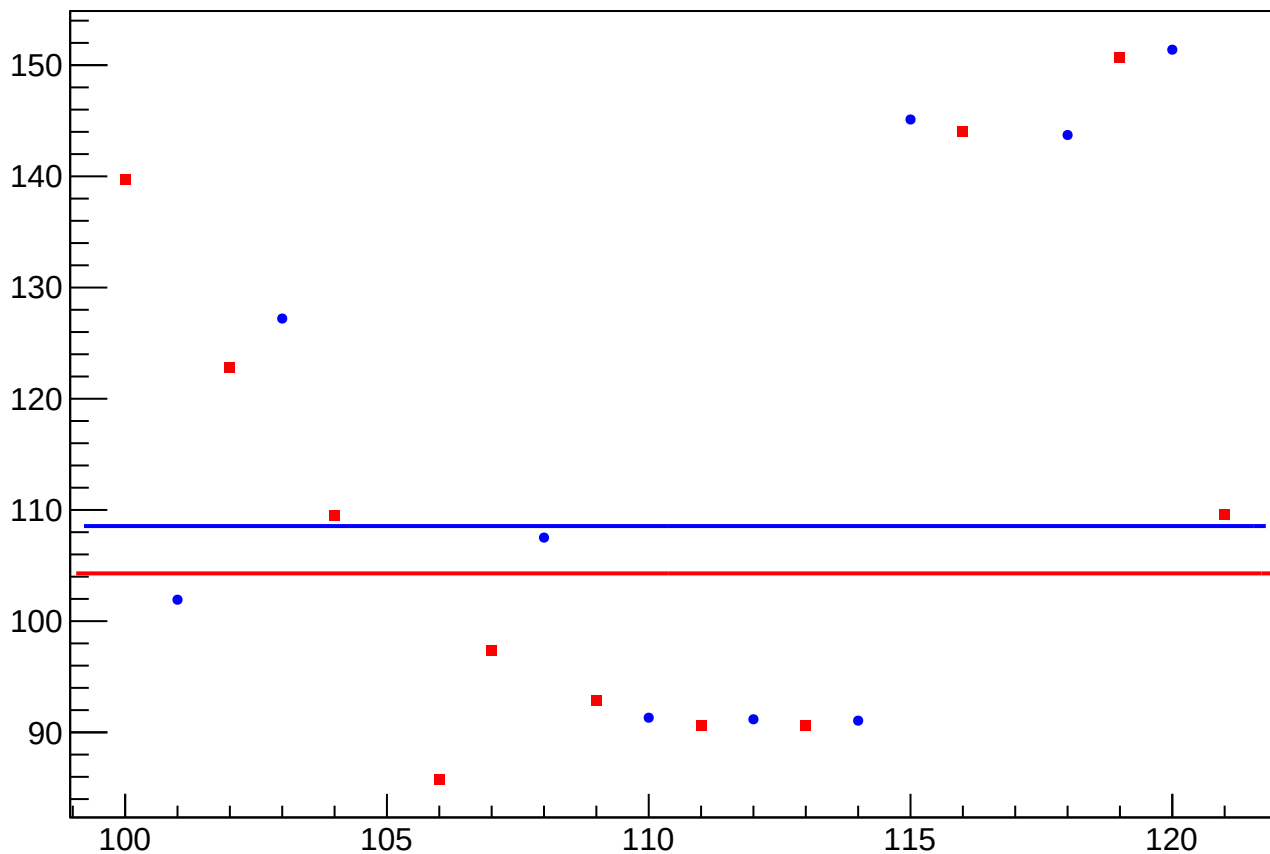
Right: 97.065+/-37.849 χ^2/NDF : 20.2/19

In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.065+/-37.849 χ^2/NDF : 20.2/19

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.551 $\pm$ 0.041 χ^2 /NDF: 241553.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.295 $\pm$ 0.035 χ^2 /NDF: 279200.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

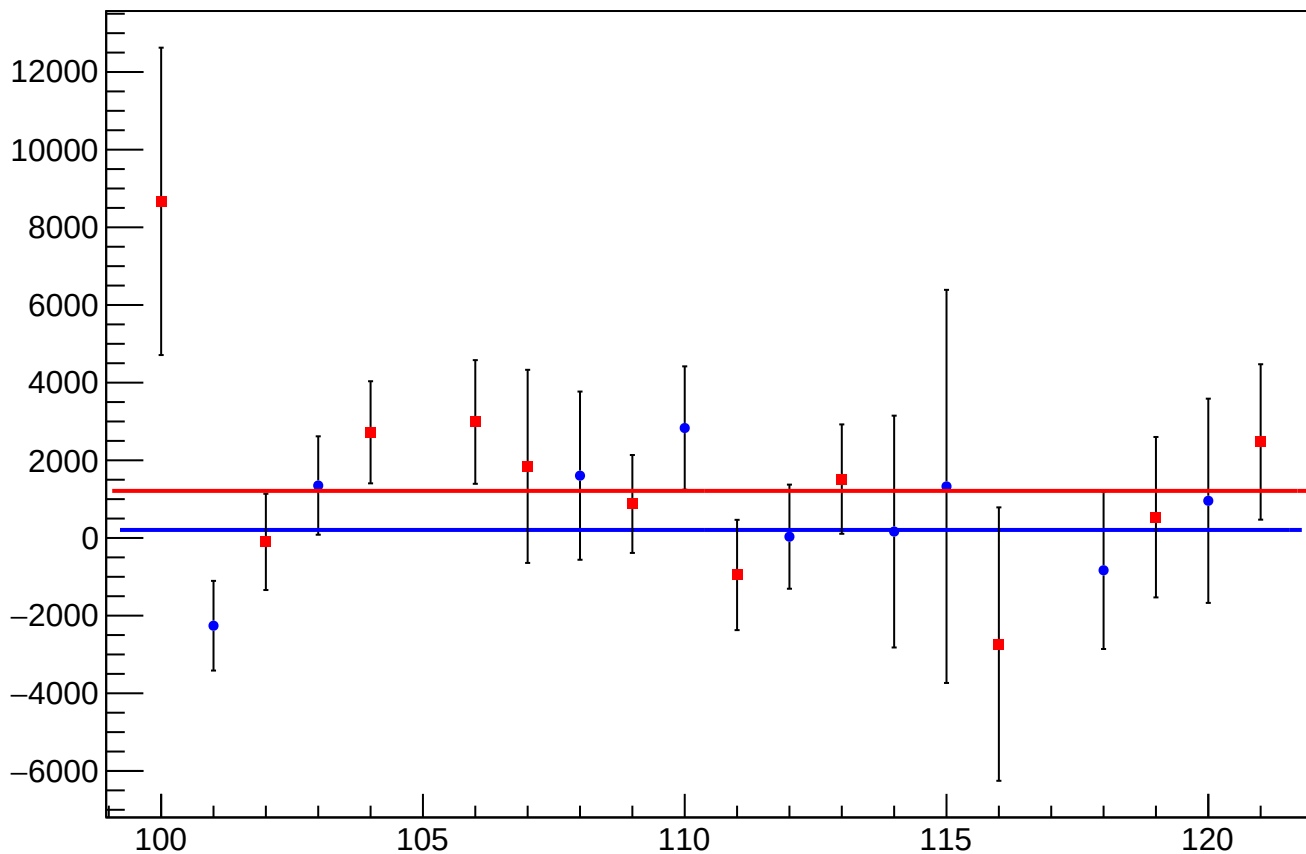
Right: 106.125 $\pm$ 0.027 χ^2 /NDF: 526950.1/19

In: 108.551 $\pm$ 0.041 χ^2 /NDF:241553.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.125 $\pm$ 0.027 χ^2 /NDF: 526950.1/19

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.631+/-497.316 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

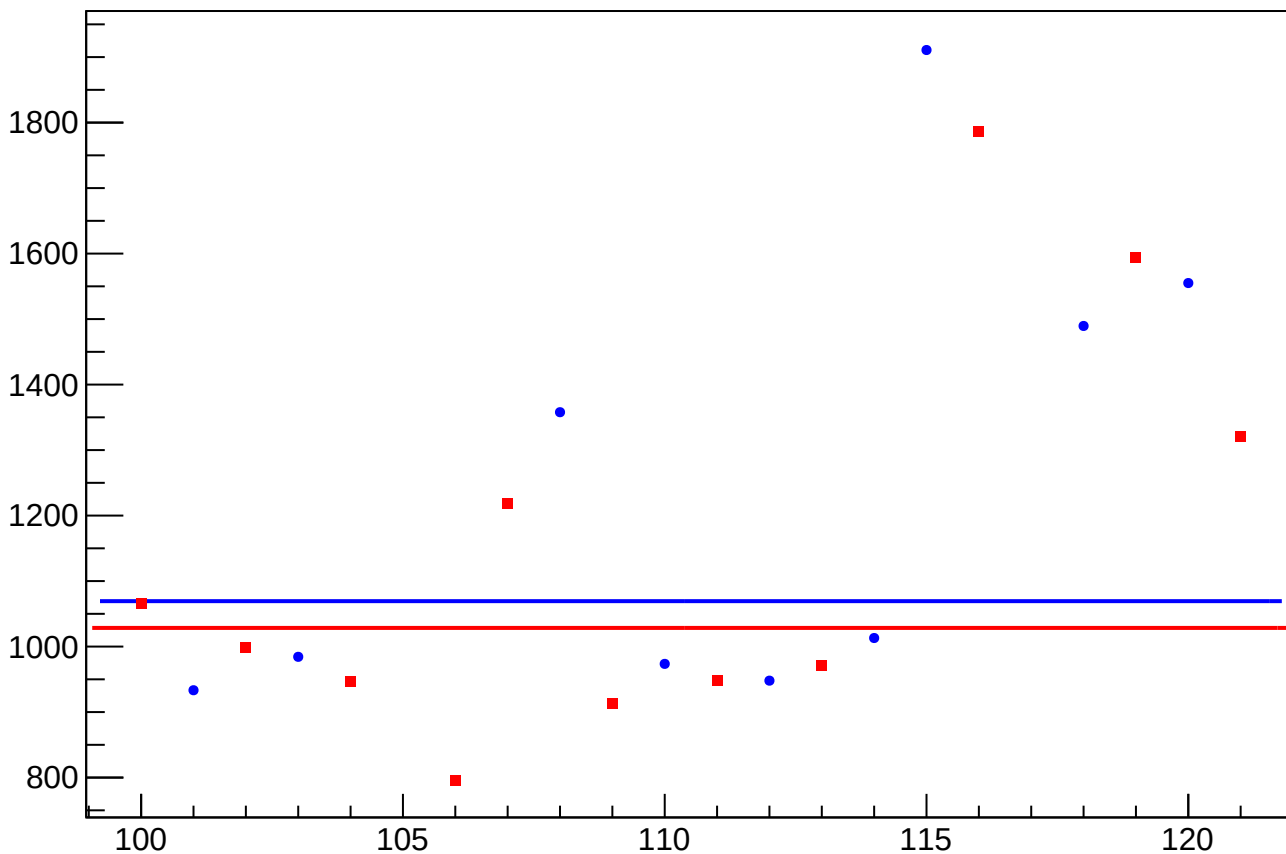
Right: 777.882+/-374.739 χ^2/NDF : 22.2/19

In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.882+/-374.739 χ^2/NDF : 22.2/19

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1069.351+/-0.403 χ^2/NDF : 305944.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1028.490+/-0.352 χ^2/NDF : 374836.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

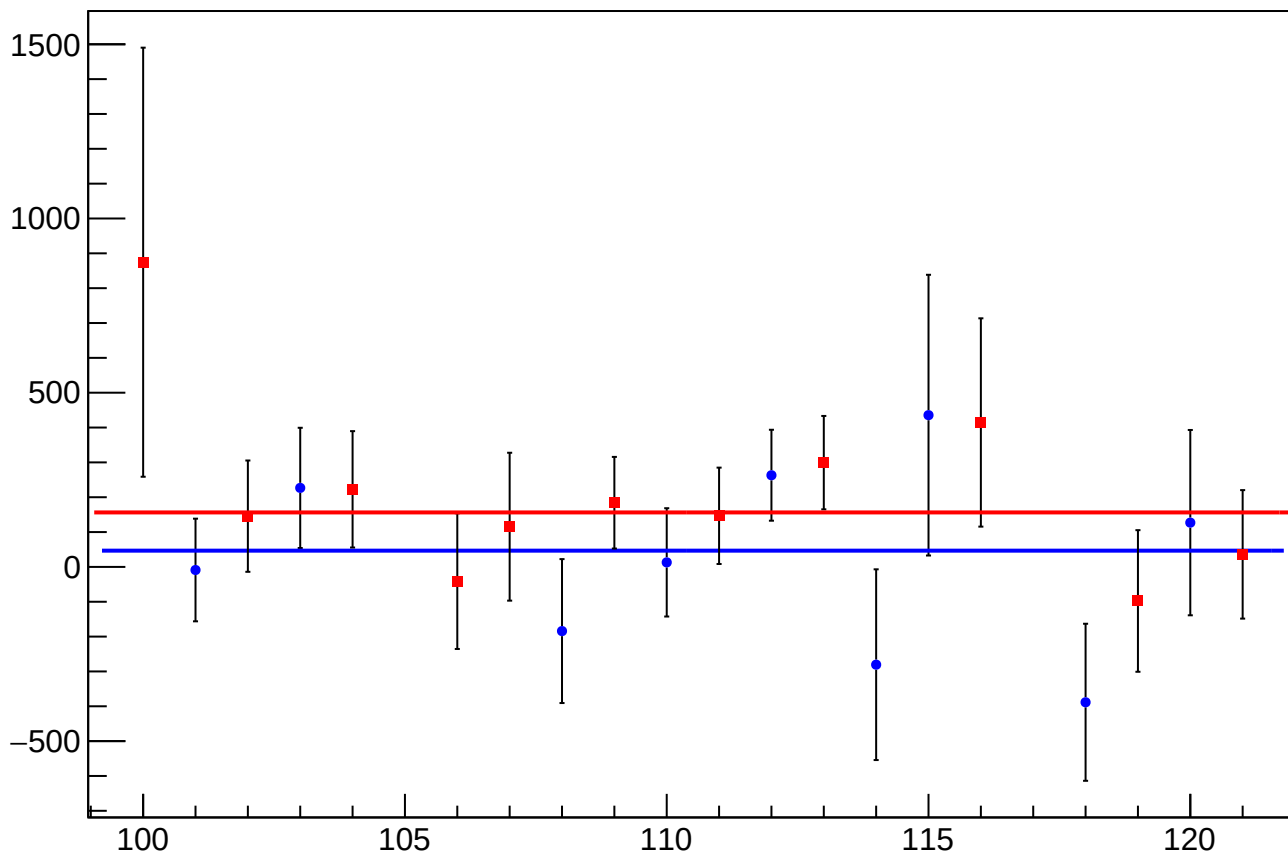
Right: 1046.150+/-0.265 χ^2/NDF : 686616.2/19

In: 1069.351+/-0.403 χ^2/NDF : 305944.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.150+/-0.265 χ^2/NDF : 686616.2/19

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.365+/-52.935 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

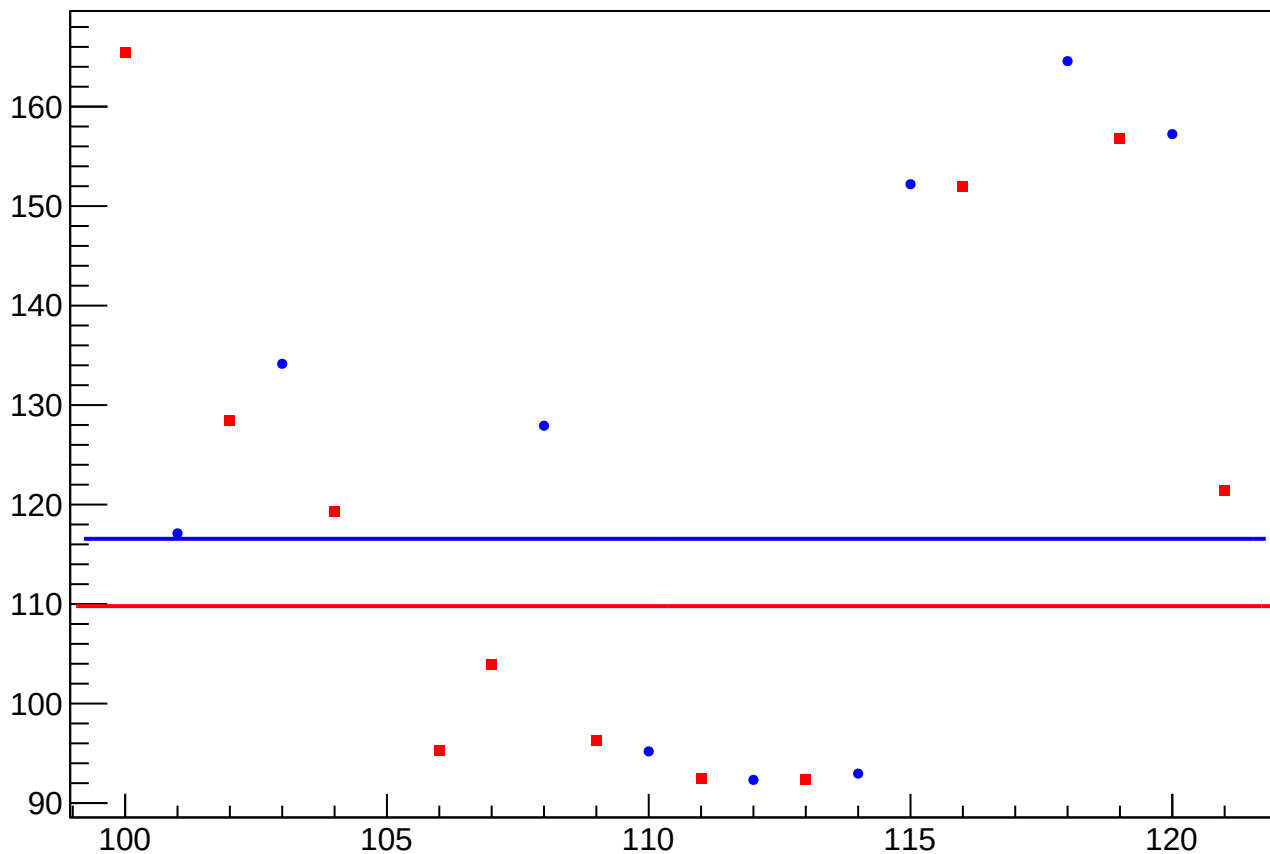
Right: 110.482+/-40.375 χ^2/NDF : 19.8/19

In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.482+/-40.375 χ^2/NDF : 19.8/19

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.560 $\pm$ 0.044 χ^2 /NDF: 301694.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.793 $\pm$ 0.037 χ^2 /NDF: 303871.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

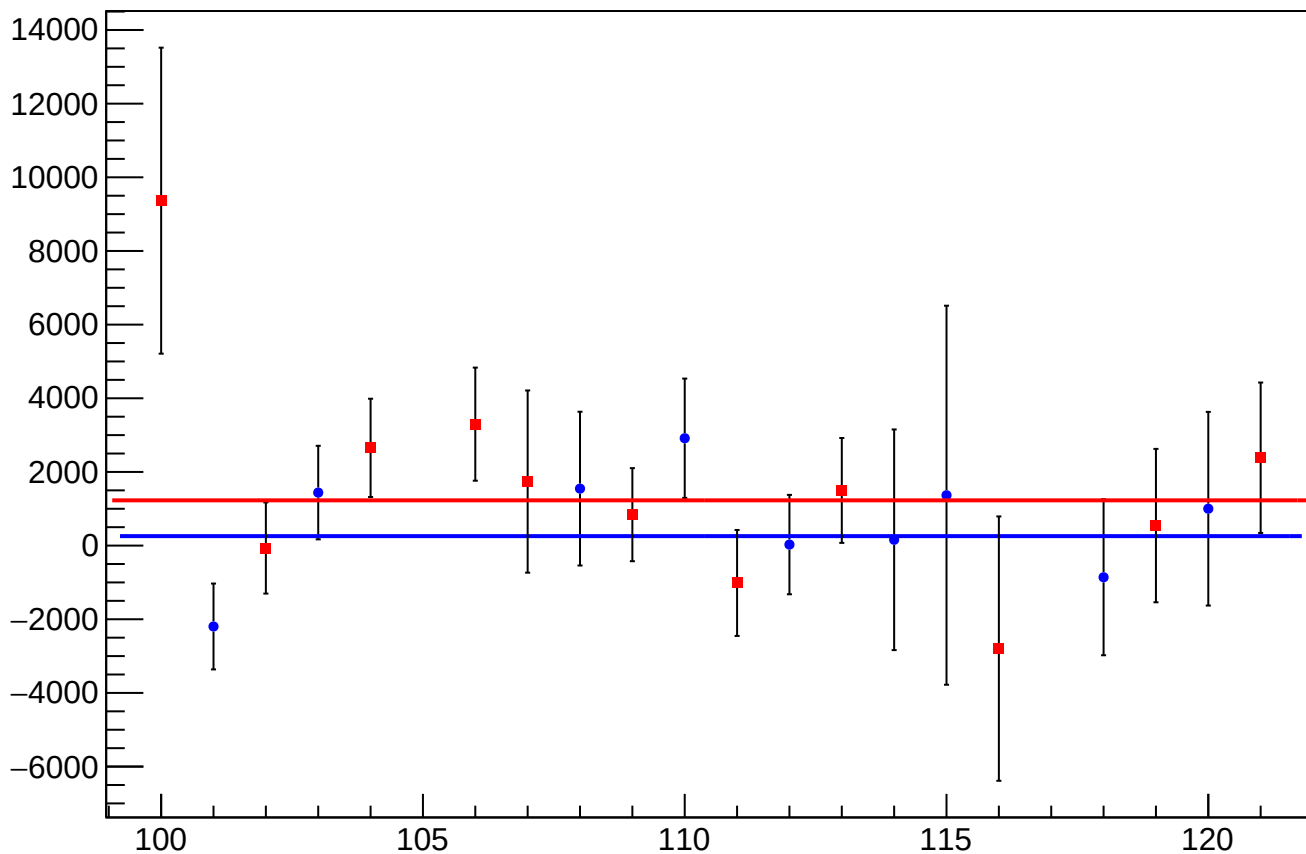
Right: 112.623 $\pm$ 0.029 χ^2 /NDF: 619234.0/19

In: 116.560 $\pm$ 0.044 χ^2 /NDF:301694.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.623 $\pm$ 0.029 χ^2 /NDF: 619234.0/19

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 257.280+/-574.258 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1228.764+/-499.336 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

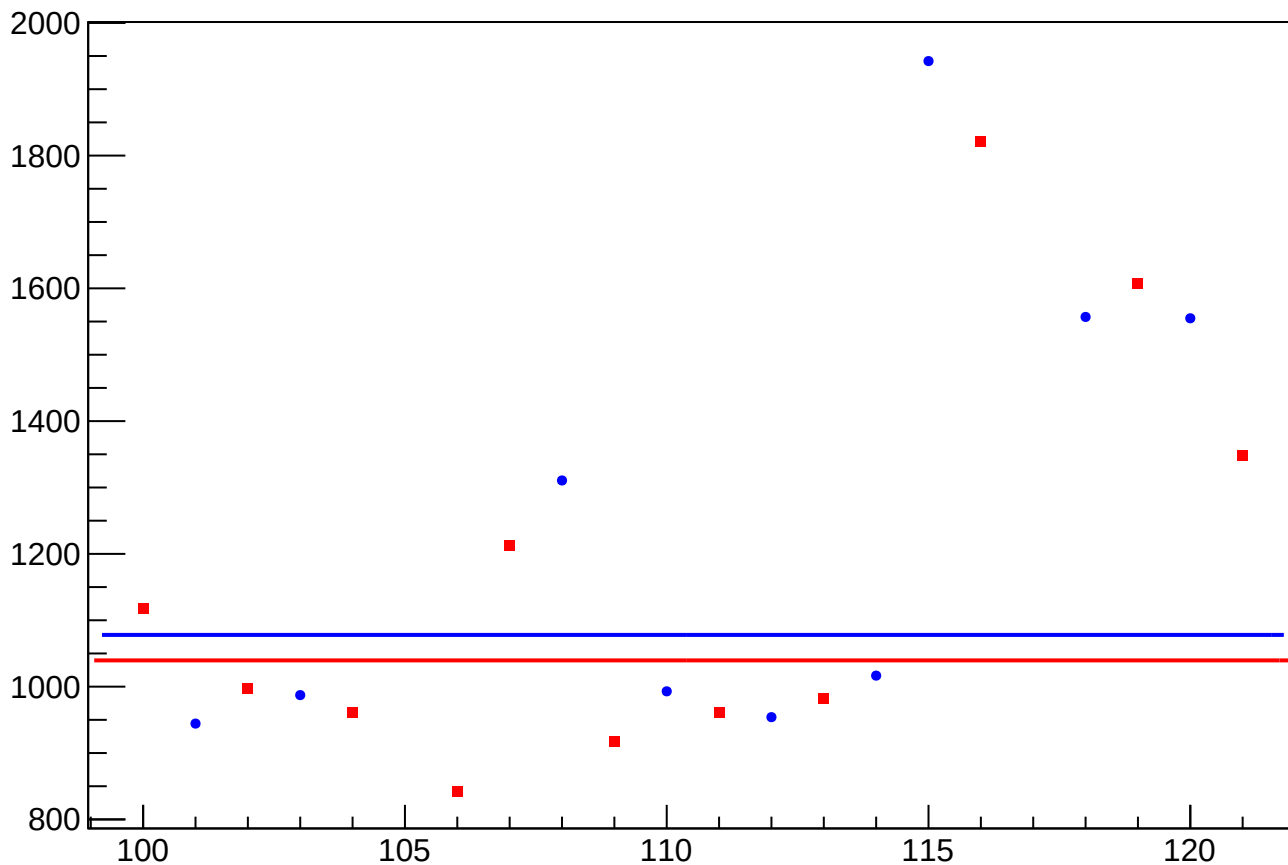
Right: 810.490+/-376.808 χ^2/NDF : 22.6/19

In: 257.280+/-574.258 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.490+/-376.808 χ^2/NDF : 22.6/19

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.956+/-0.406 χ^2/NDF : 309064.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.545+/-0.353 χ^2/NDF : 369605.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

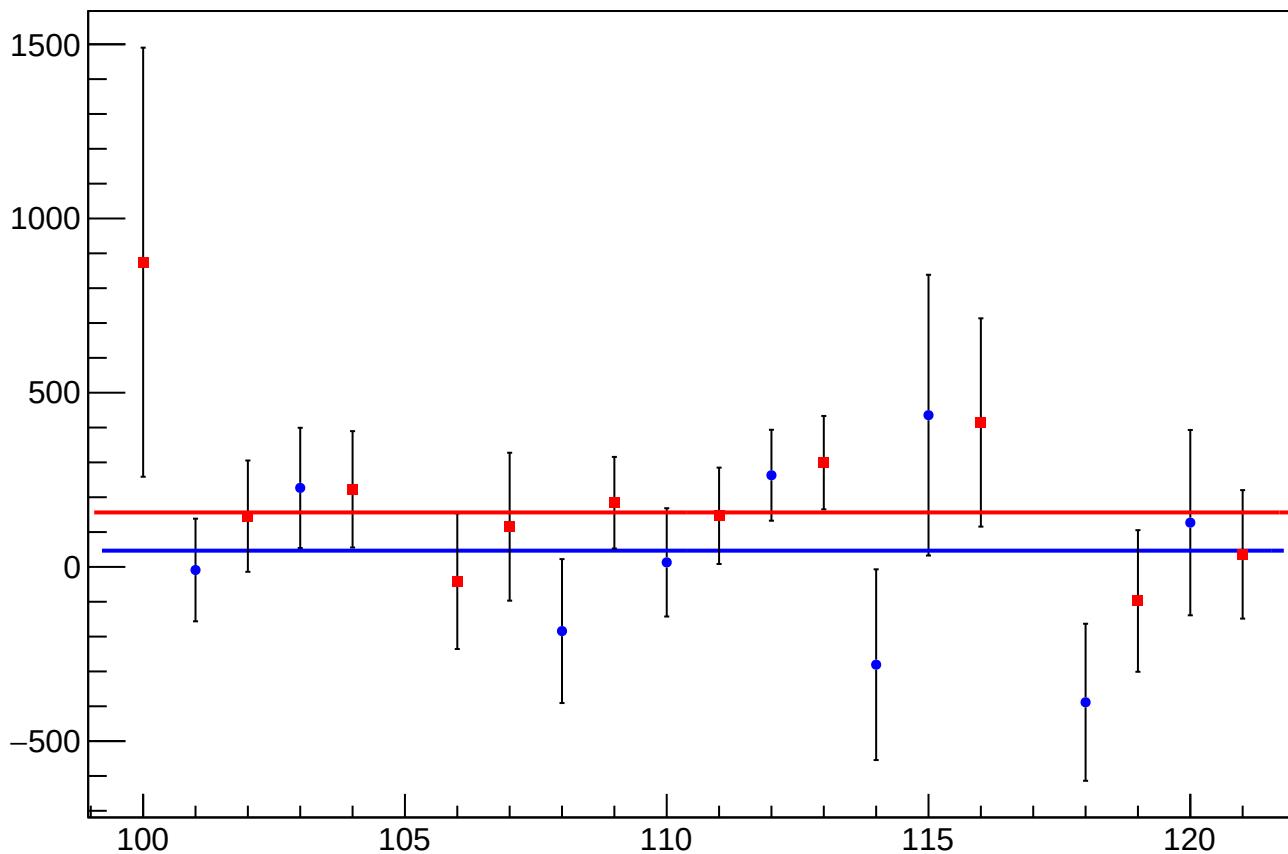
Right: 1056.083+/-0.266 χ^2/NDF : 683765.2/19

In: 1077.956+/-0.406 χ^2/NDF : 309064.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.083+/-0.266 χ^2/NDF : 683765.2/19

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.365+/-52.935 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

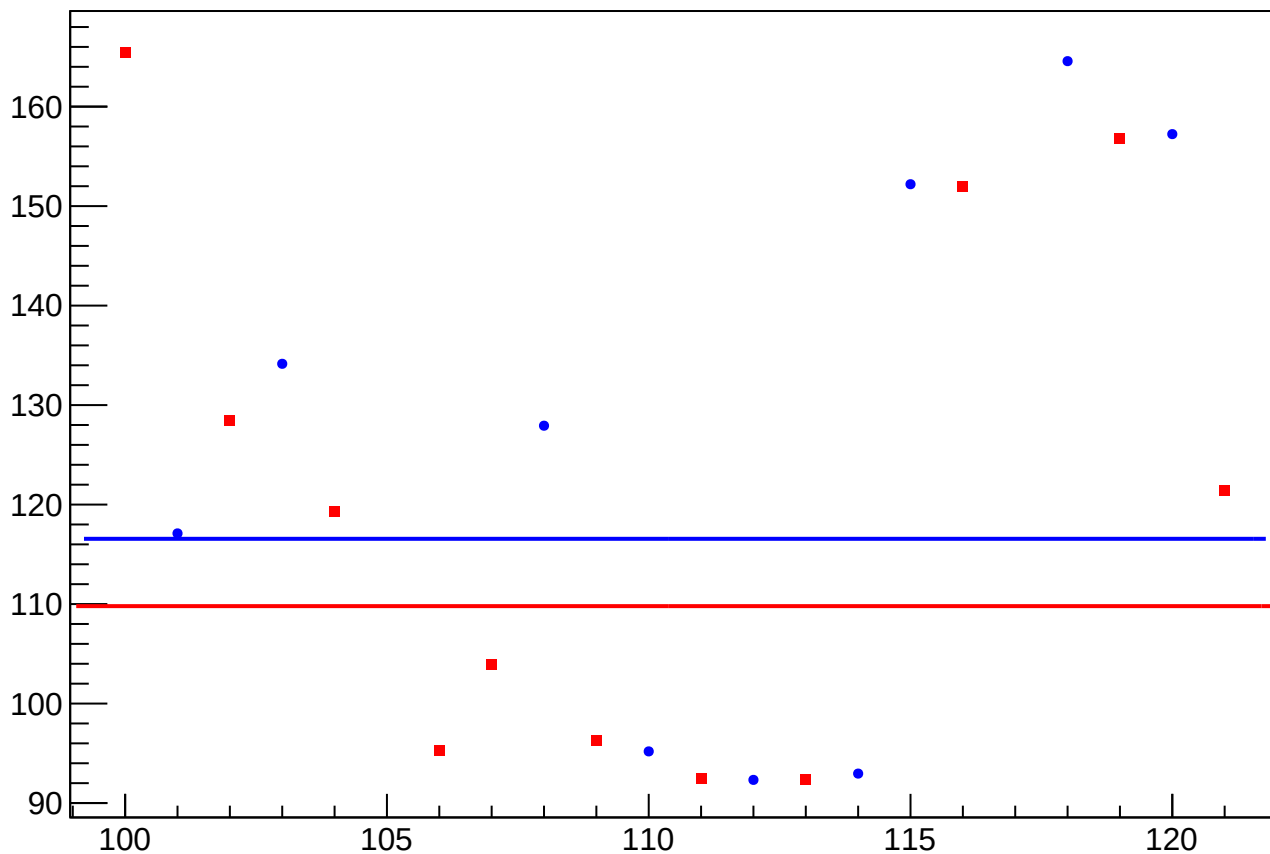
Right: 110.481+/-40.375 χ^2/NDF : 19.8/19

In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.481+/-40.375 χ^2/NDF : 19.8/19

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.559+/-0.044 χ^2/NDF : 301698.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.793+/-0.037 χ^2/NDF : 303872.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

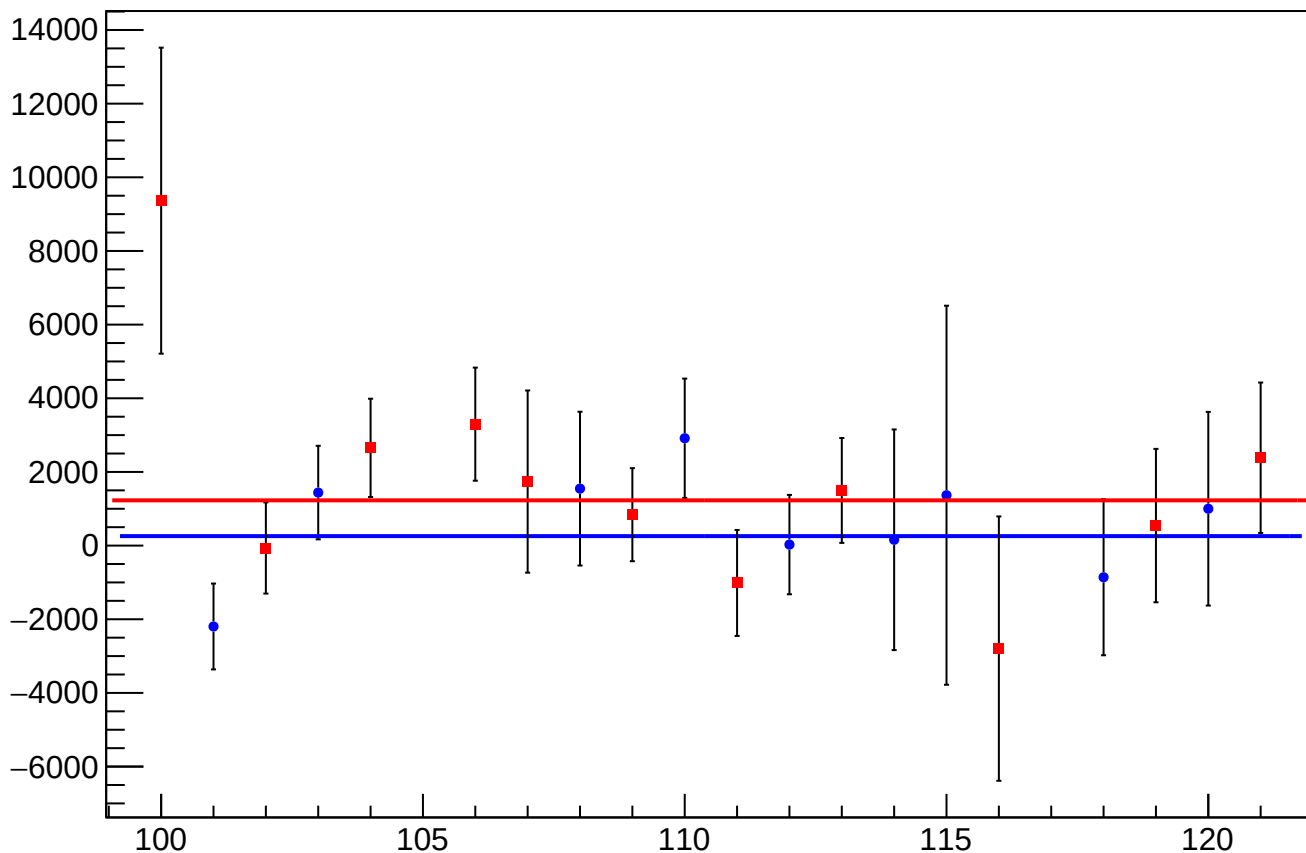
Right: 112.623+/-0.029 χ^2/NDF : 619239.5/19

In: 116.559+/-0.044 χ^2/NDF : 301698.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.623+/-0.029 χ^2/NDF : 619239.5/19

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 257.281+/-574.258 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1228.764+/-499.336 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

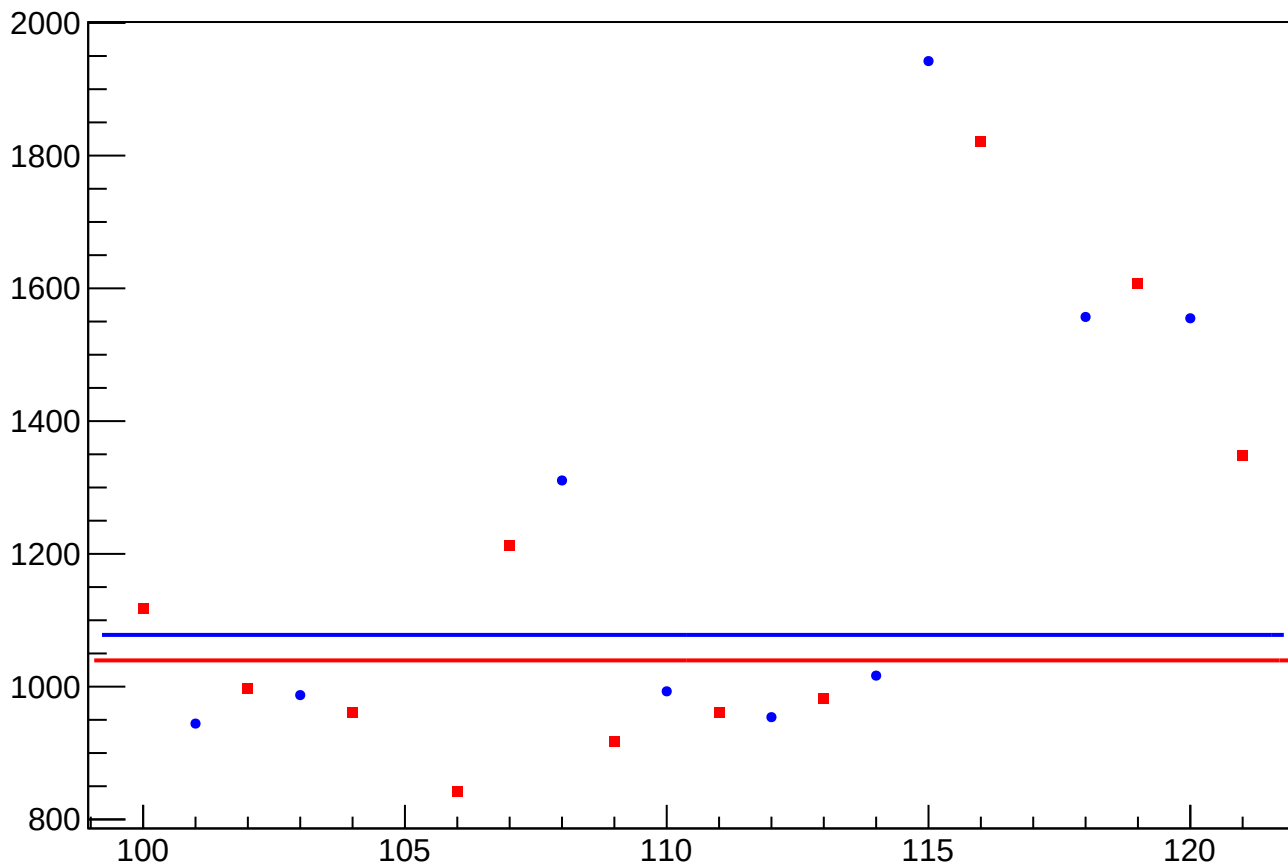
Right: 810.490+/-376.808 χ^2/NDF : 22.6/19

In: 257.281+/-574.258 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.490+/-376.808 χ^2/NDF : 22.6/19

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.957+/-0.406 χ^2/NDF : 309064.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.545+/-0.353 χ^2/NDF : 369606.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

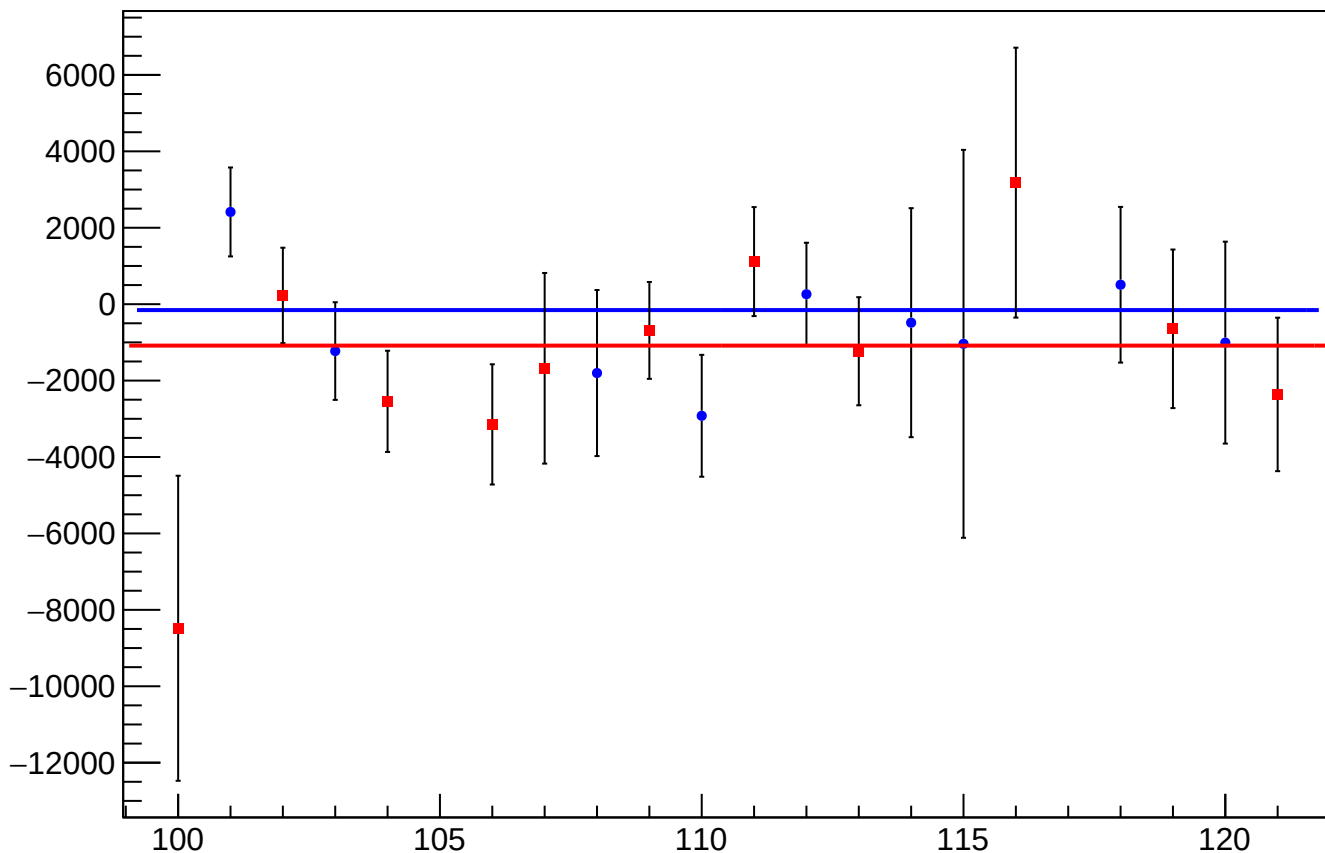
Right: 1056.083+/-0.266 χ^2/NDF : 683766.5/19

In: 1077.957+/-0.406 χ^2/NDF : 309064.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.083+/-0.266 χ^2/NDF : 683766.5/19

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -154.829+/-573.437 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1084.431+/-499.181 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

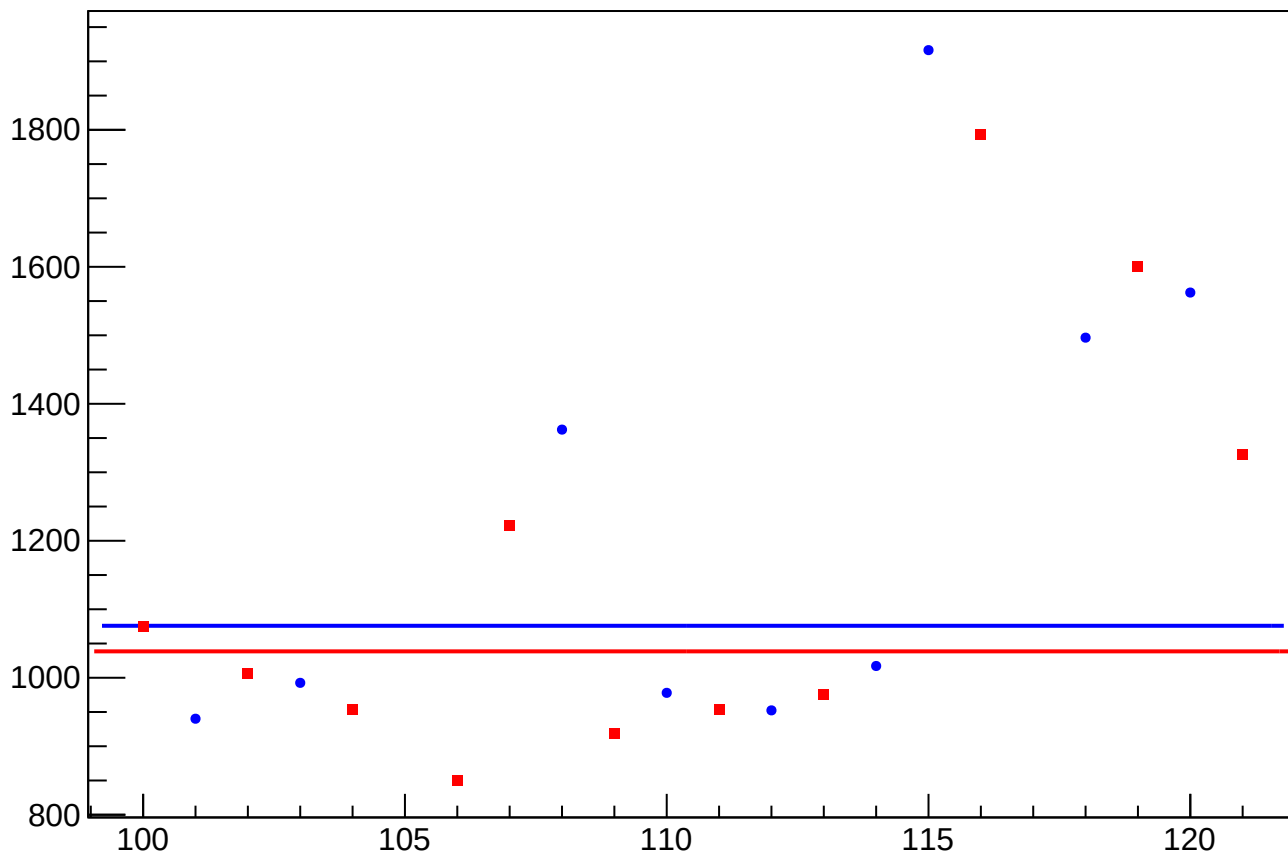
Right: -683.678+/-376.509 χ^2/NDF : 22.9/19

In: -154.829+/-573.437 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -683.678+/-376.509 χ^2/NDF : 22.9/19

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1075.887 $\pm$ 0.405 χ^2 /NDF: 303456.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1038.543 $\pm$ 0.353 χ^2 /NDF: 357196.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

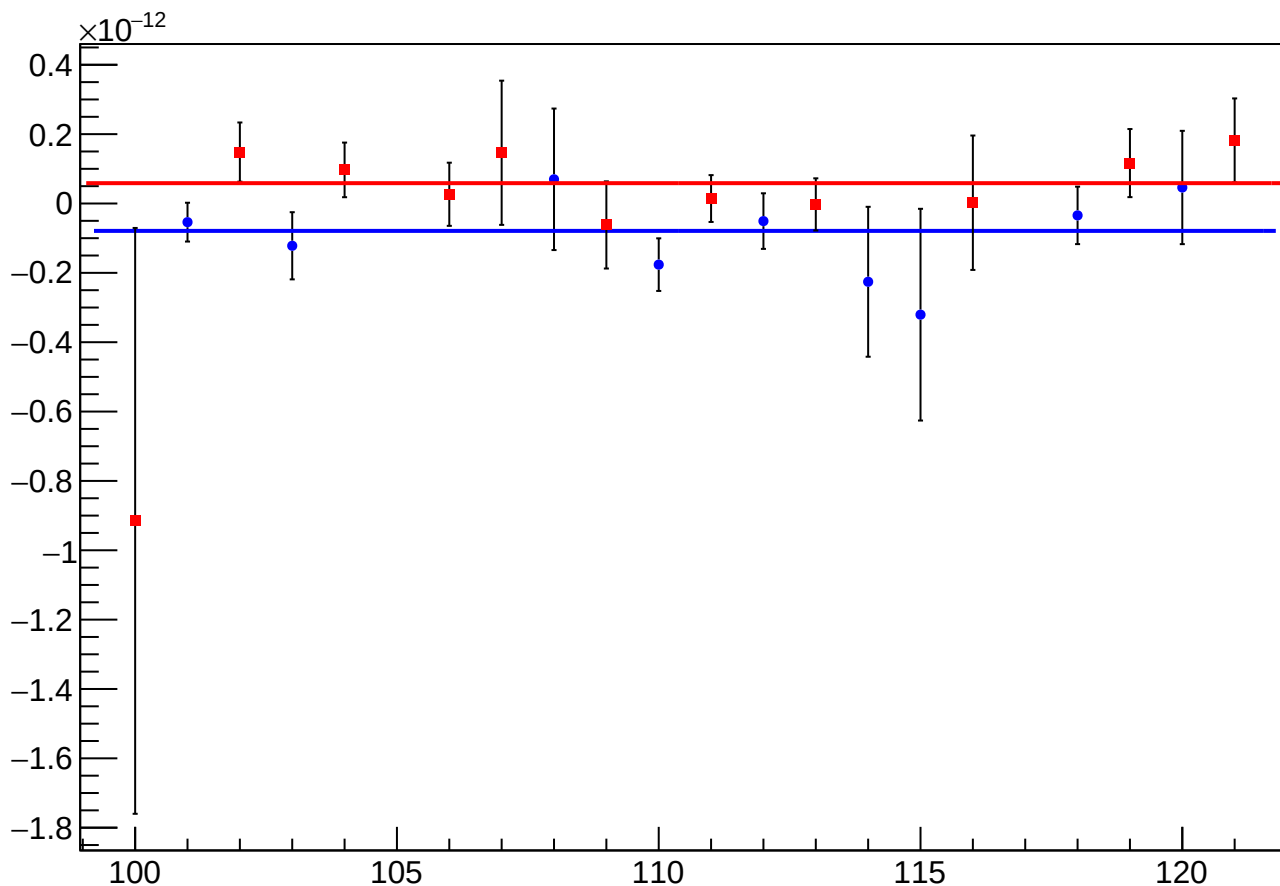
Right: 1054.642 $\pm$ 0.266 χ^2 /NDF: 665478.2/19

In: 1075.887 $\pm$ 0.405 χ^2 /NDF: 303456.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1054.642 $\pm$ 0.266 χ^2 /NDF: 665478.2/19

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

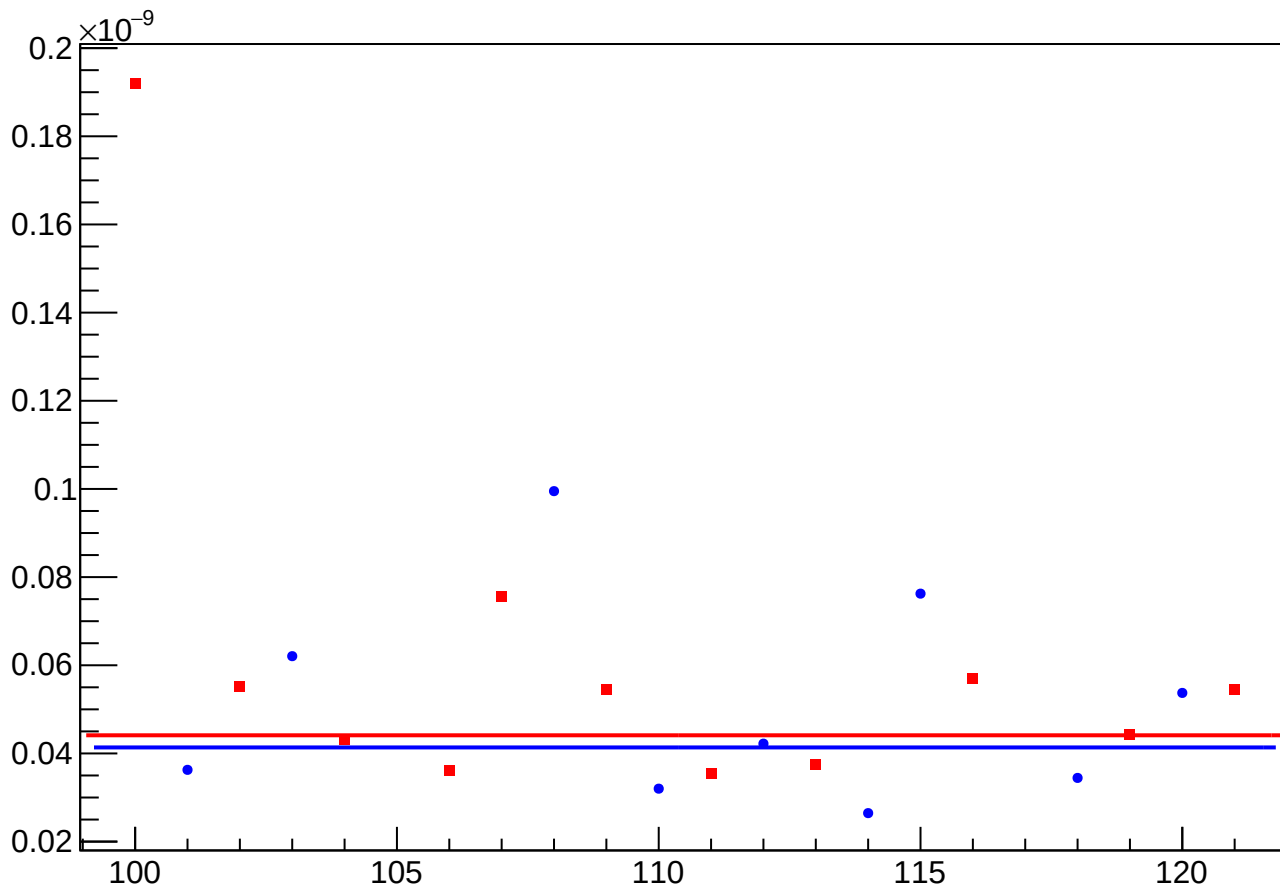
Right: -0.000+/-0.000 χ^2 /NDF: 21.0/19

In: -0.000+/-0.000 χ^2 /NDF:4.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.0/19

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 361930.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 242086.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

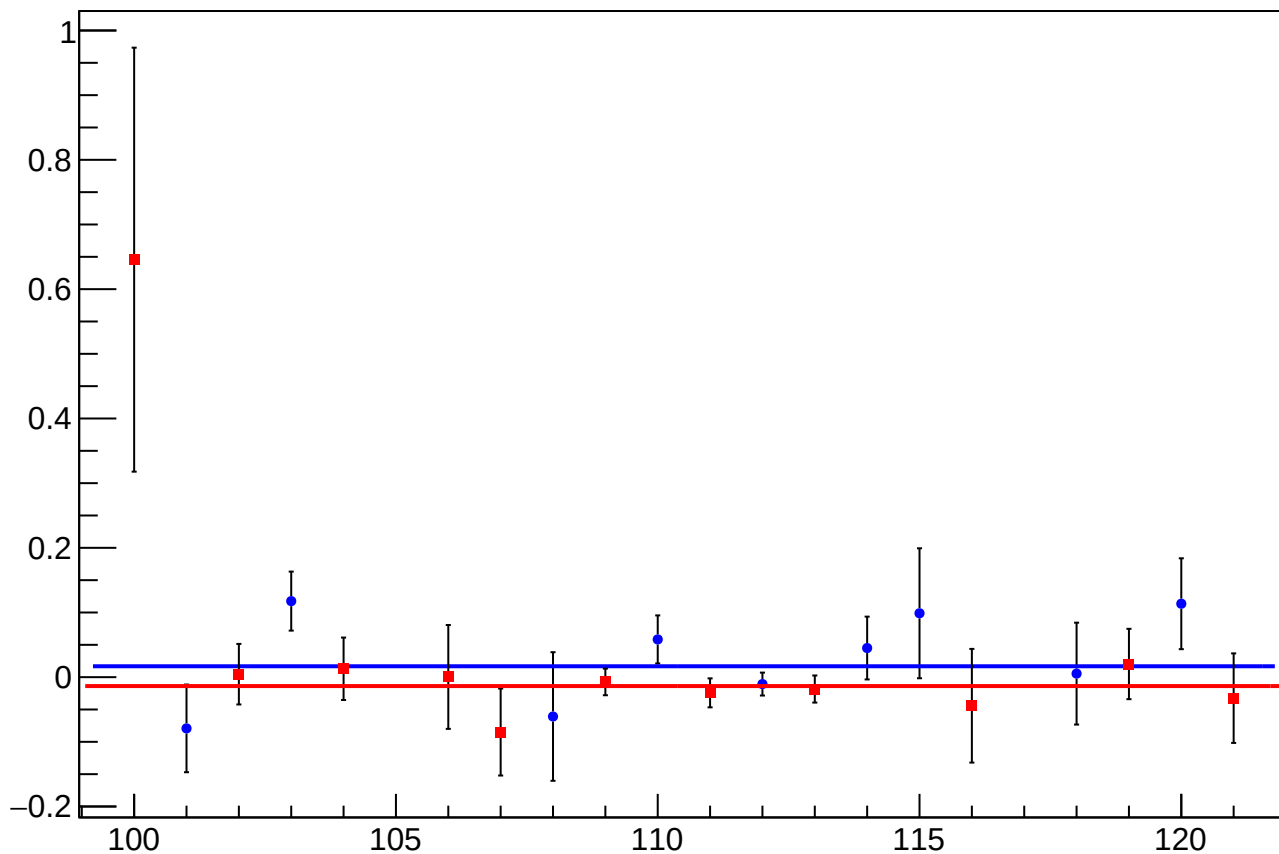
Right: 0.000+/-0.000 χ^2/NDF : 611946.9/19

In: 0.000+/-0.000 χ^2/NDF : 361930.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 611946.9/19

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.011 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

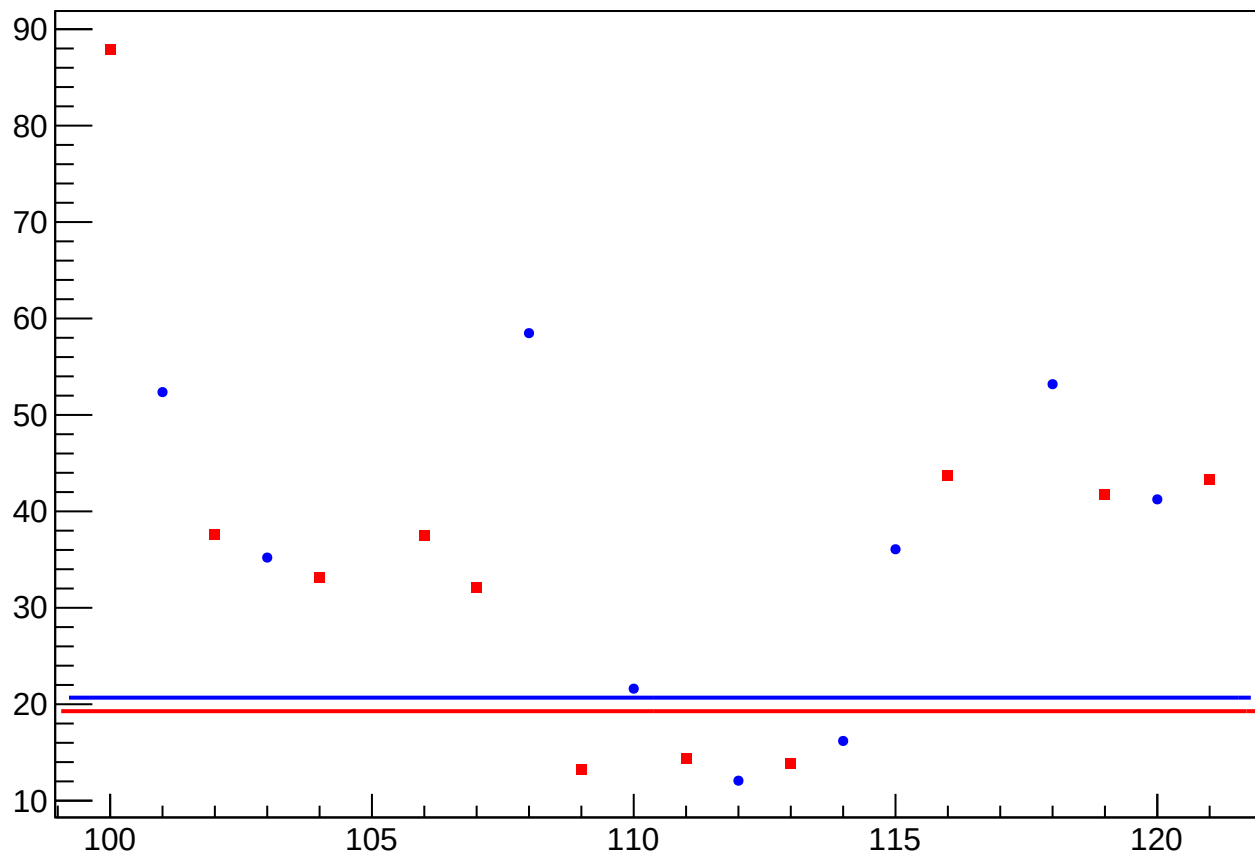
Right: -0.002+/-0.008 χ^2/NDF : 23.9/19

In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 23.9/19

asym_sam_48_dd_dit_vs_slug_Sign_Corrected



Right In: 20.684+/-0.009 χ^2/NDF : 1976977.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.281+/-0.008 χ^2/NDF : 1873924.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

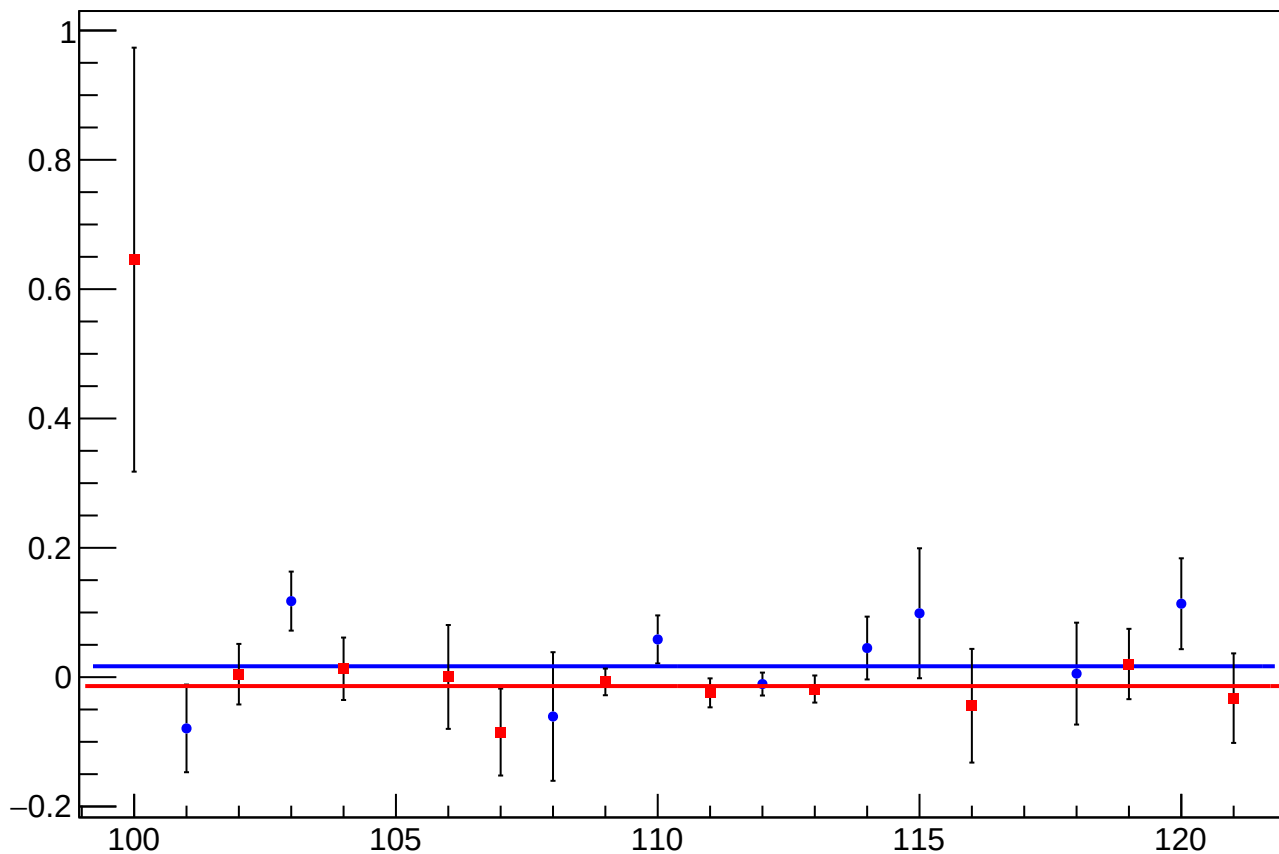
Right: 19.835+/-0.006 χ^2/NDF : 3864224.8/19

In: 20.684+/-0.009 χ^2/NDF : 1976977.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.835+/-0.006 χ^2/NDF : 3864224.8/19

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.011 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

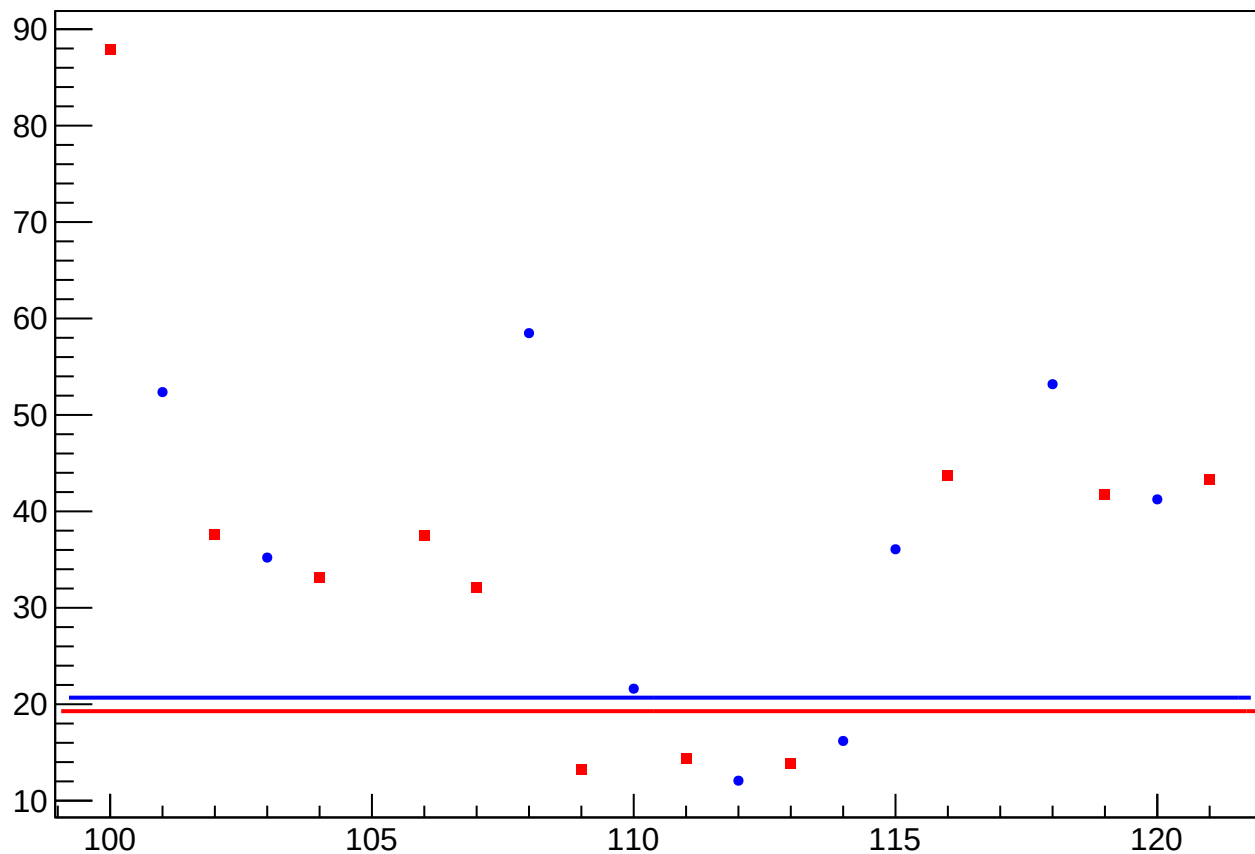
Right: -0.002+/-0.008 χ^2/NDF : 23.9/19

In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 23.9/19

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.684+/-0.009 χ^2/NDF : 1976977.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.281+/-0.008 χ^2/NDF : 1873924.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

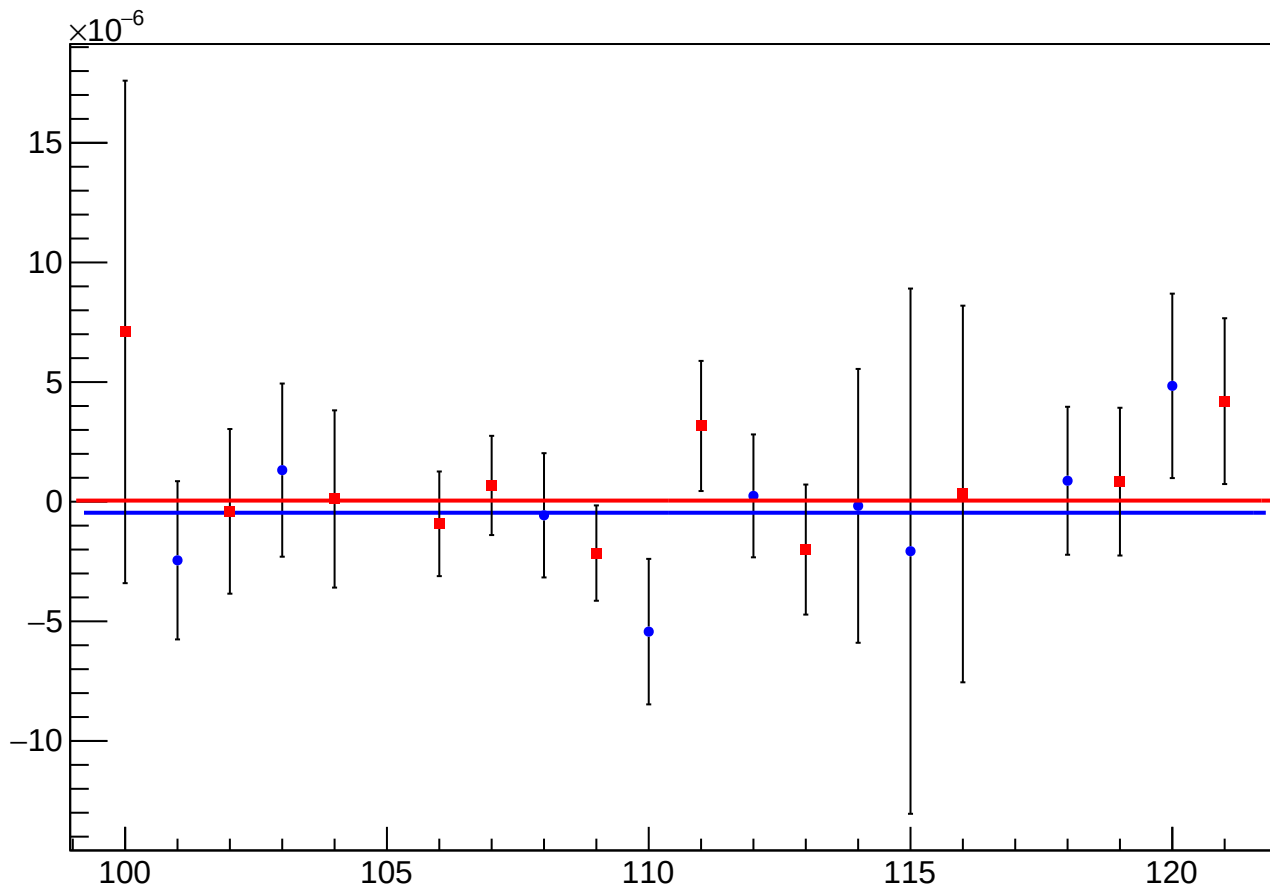
Right: 19.835+/-0.006 χ^2/NDF : 3864224.8/19

In: 20.684+/-0.009 χ^2/NDF : 1976977.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.835+/-0.006 χ^2/NDF : 3864224.8/19

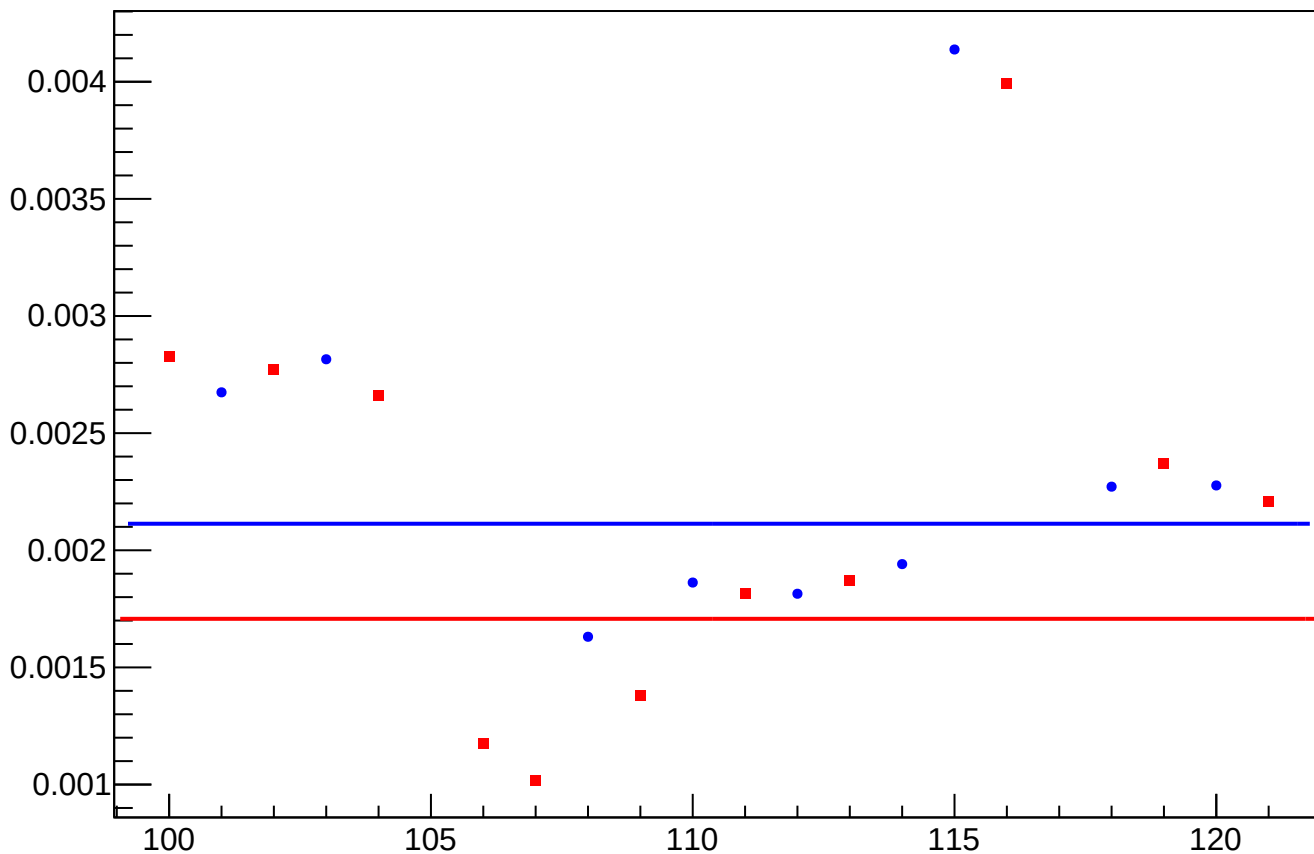
asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 10.9/19
 In: -0.000+/-0.000 χ^2/NDF :5.5/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 10.9/19

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 321226.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1053718.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

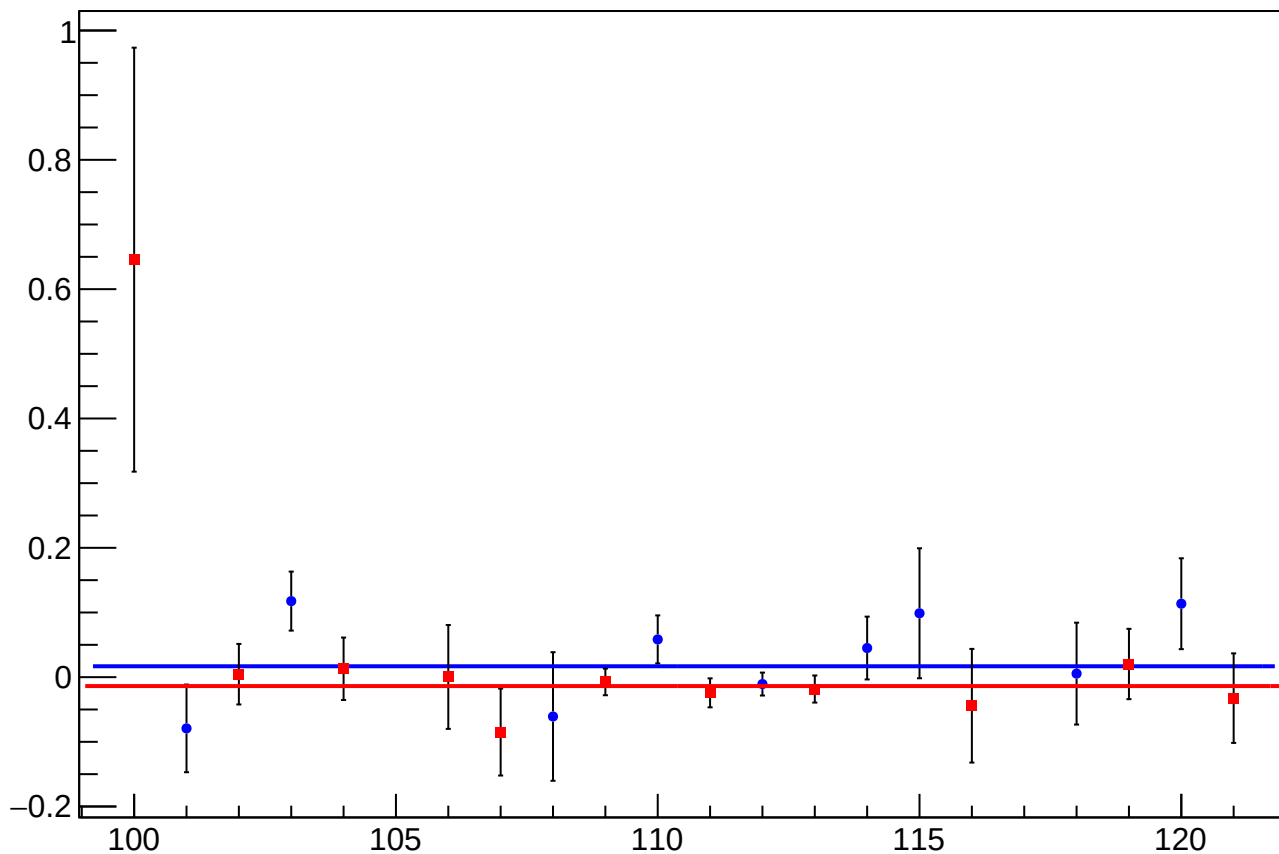
Right: 0.002+/-0.000 χ^2/NDF : 1538004.0/19

In: 0.002+/-0.000 χ^2/NDF : 321226.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1538004.0/19

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.011 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

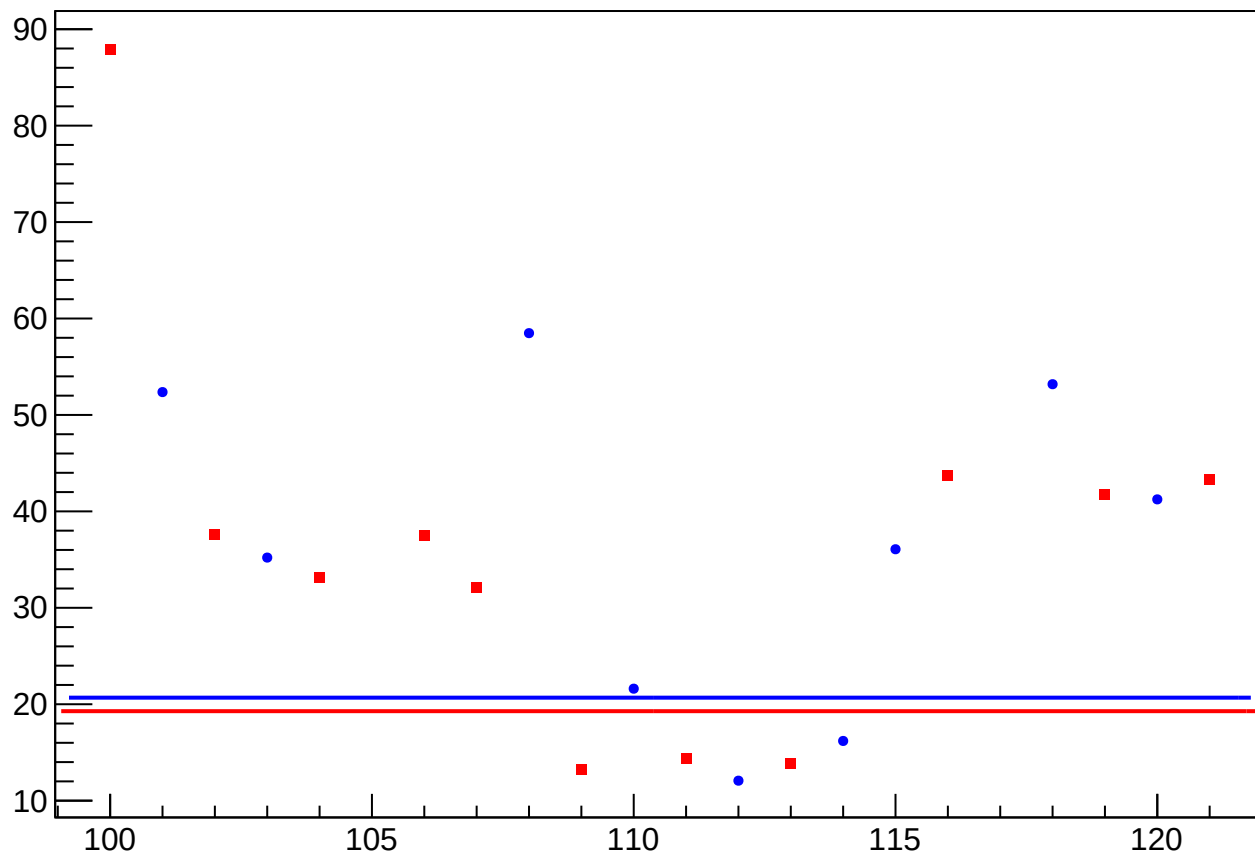
Right: -0.002+/-0.008 χ^2/NDF : 23.9/19

In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 23.9/19

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.682 $\pm$ 0.009 χ^2 /NDF: 1977174.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19.281 $\pm$ 0.008 χ^2 /NDF: 1873924.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

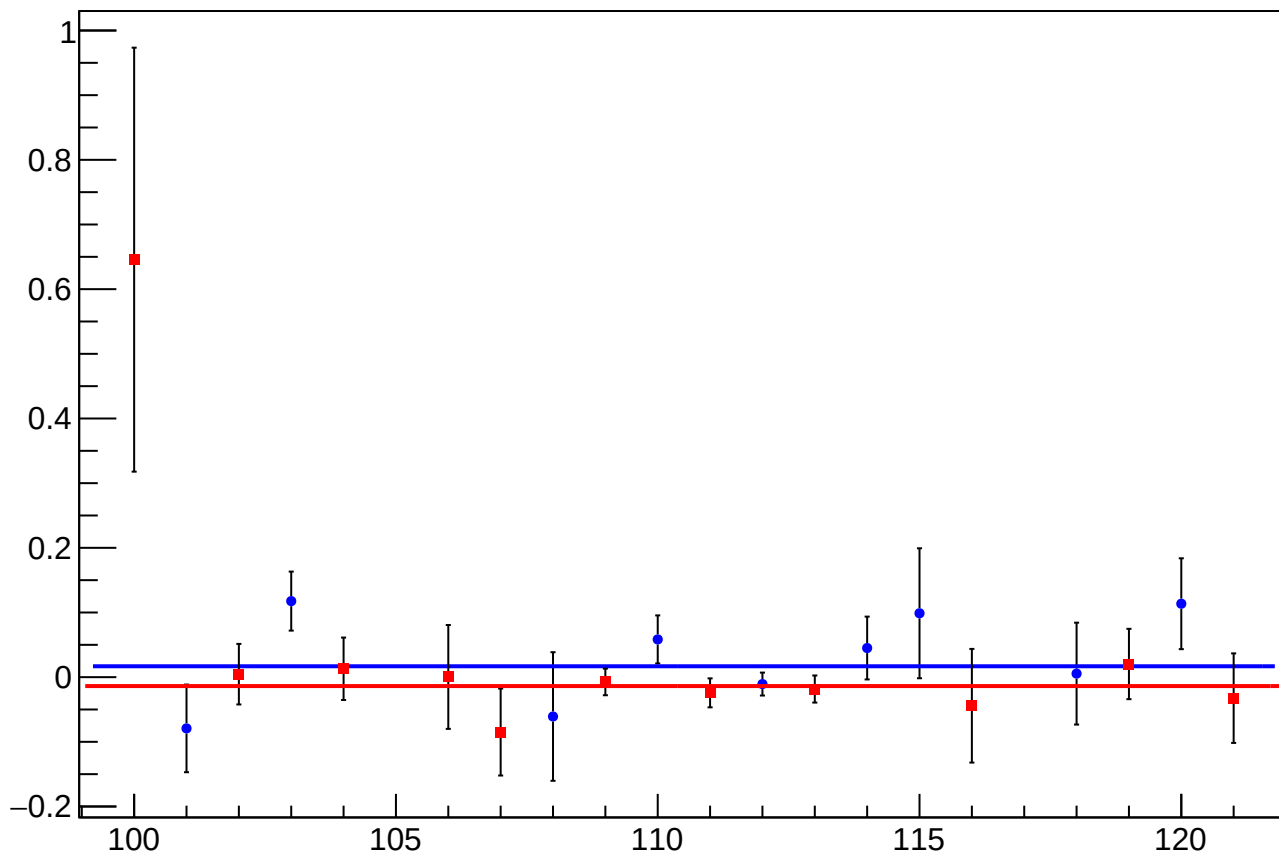
Right: 19.834 $\pm$ 0.006 χ^2 /NDF: 3864398.0/19

In: 20.682 $\pm$ 0.009 χ^2 /NDF:1977174.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.834 $\pm$ 0.006 χ^2 /NDF: 3864398.0/19

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2/NDF : 14.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 $\pm$ 0.011 χ^2/NDF : 6.6/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

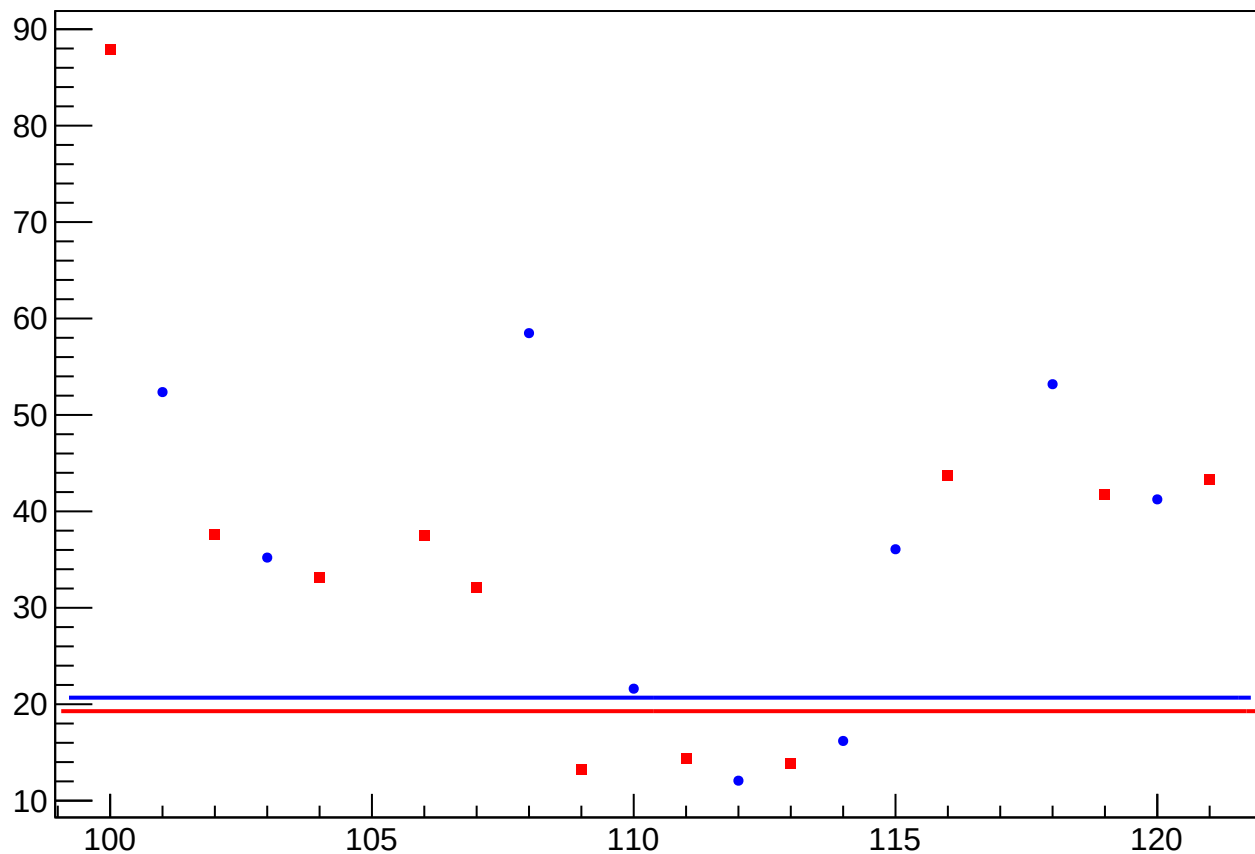
Right: -0.002 $\pm$ 0.008 χ^2/NDF : 23.9/19

In: 0.017 $\pm$ 0.013 χ^2/NDF : 14.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.002 $\pm$ 0.008 χ^2/NDF : 23.9/19

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.682 $\pm$ 0.009 χ^2 /NDF: 1977174.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19.281 $\pm$ 0.008 χ^2 /NDF: 1873924.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

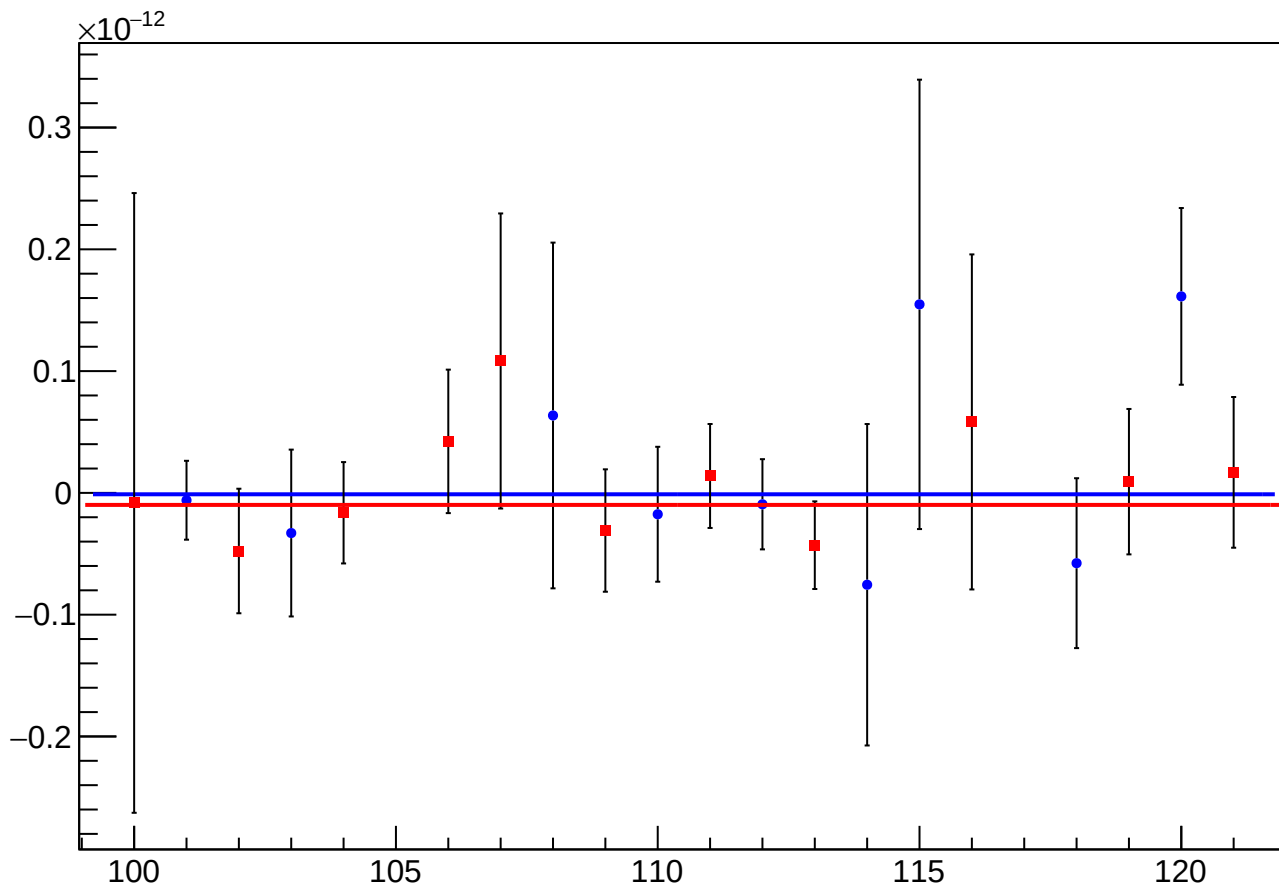
Right: 19.834 $\pm$ 0.006 χ^2 /NDF: 3864398.0/19

In: 20.682 $\pm$ 0.009 χ^2 /NDF:1977174.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.834 $\pm$ 0.006 χ^2 /NDF: 3864398.0/19

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

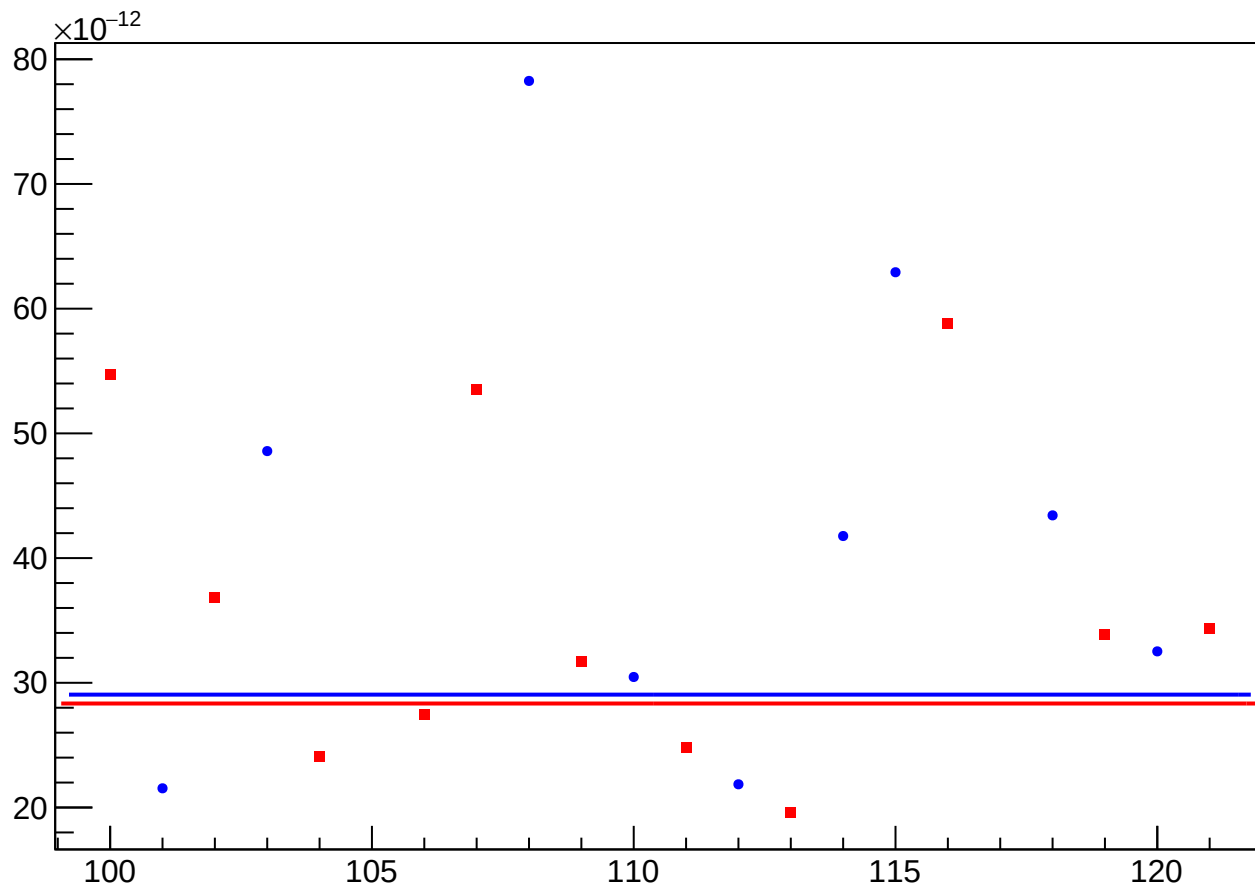
Right: -0.000+/-0.000 χ^2/NDF : 11.6/19

In: -0.000+/-0.000 χ^2/NDF :7.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/19

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 762730.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 459183.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

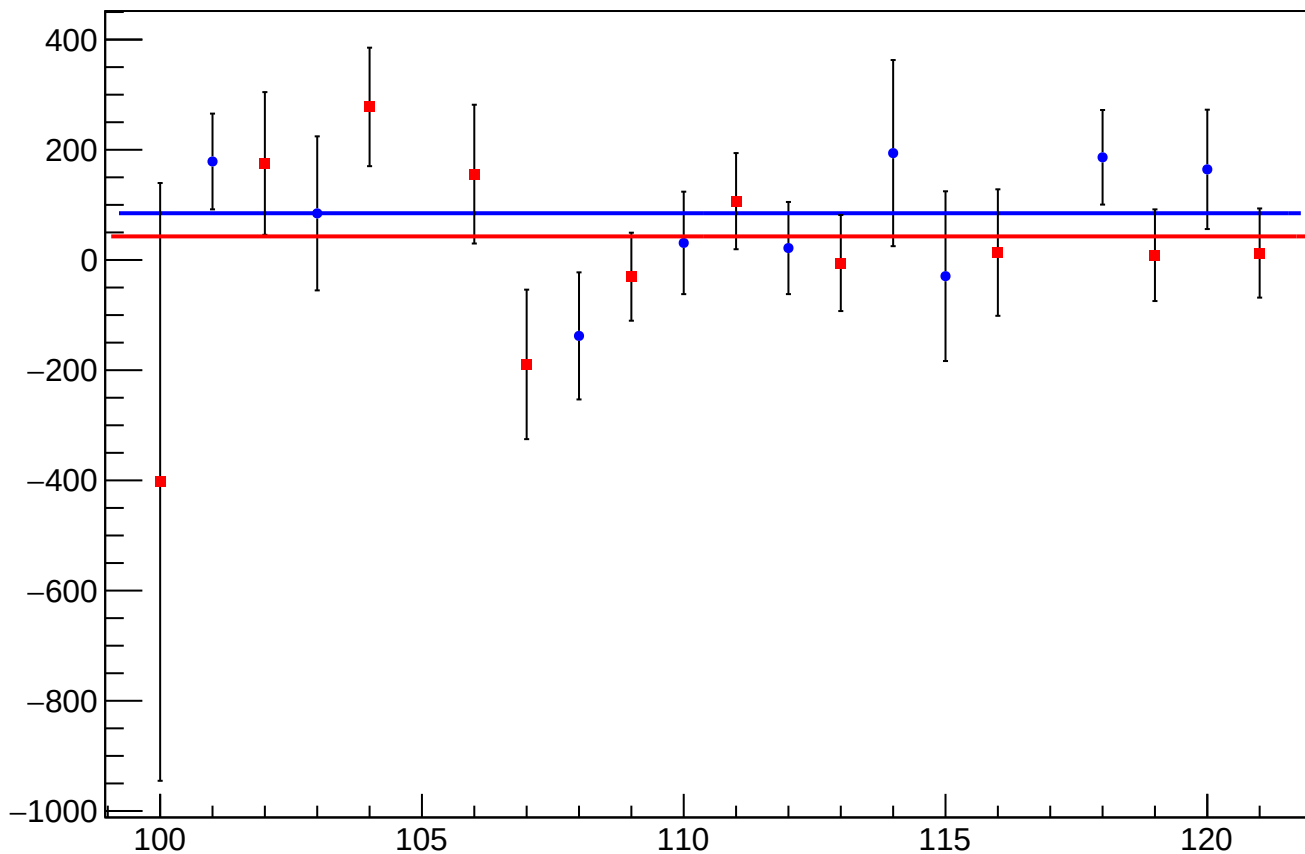
Right: 0.000+/-0.000 χ^2/NDF : 1223505.8/19

In: 0.000+/-0.000 χ^2/NDF : 762730.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1223505.8/19

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 84.850+/-35.012 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.796+/-30.717 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

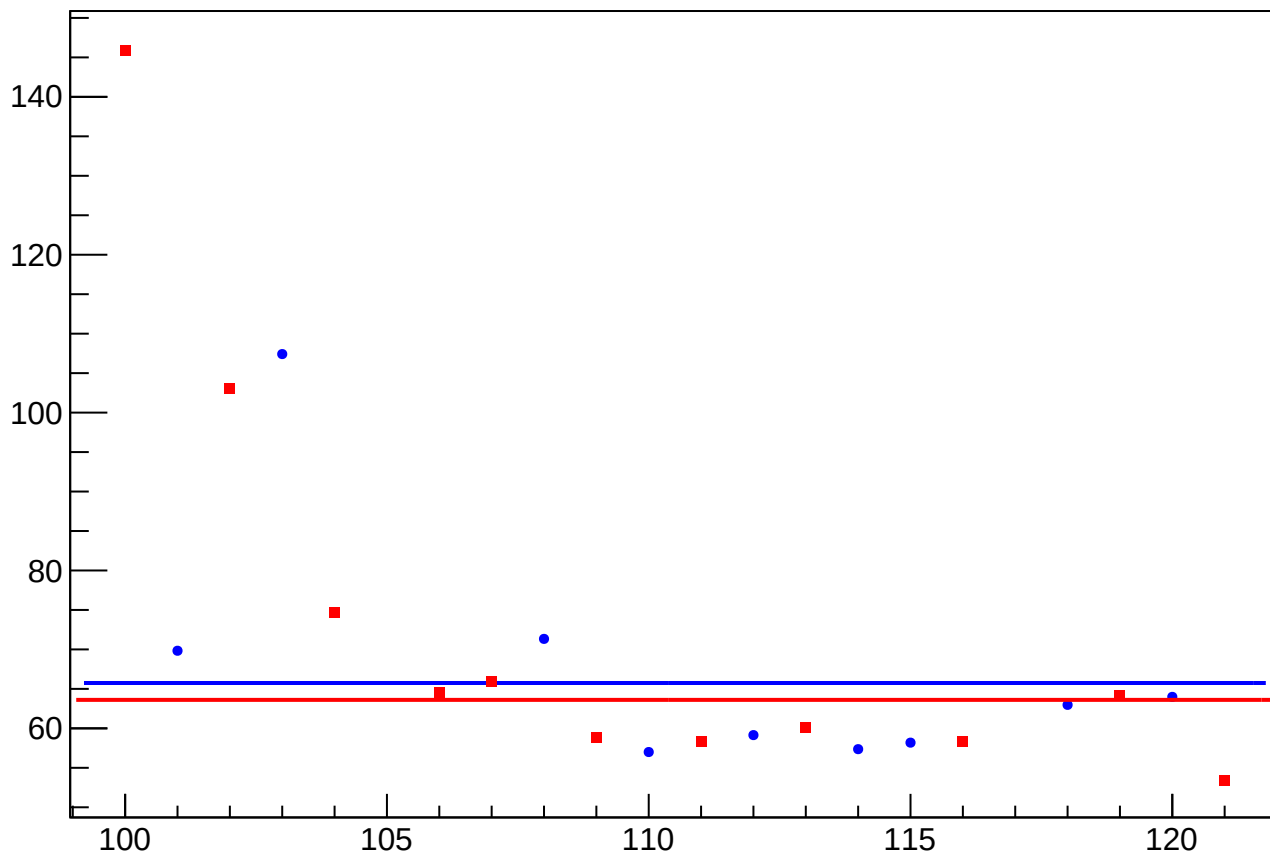
Right: 61.087+/-23.090 χ^2/NDF : 21.8/19

In: 84.850+/-35.012 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.087+/-23.090 χ^2/NDF : 21.8/19

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.746+/-0.025 χ^2/NDF : 229356.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.607+/-0.022 χ^2/NDF : 307471.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

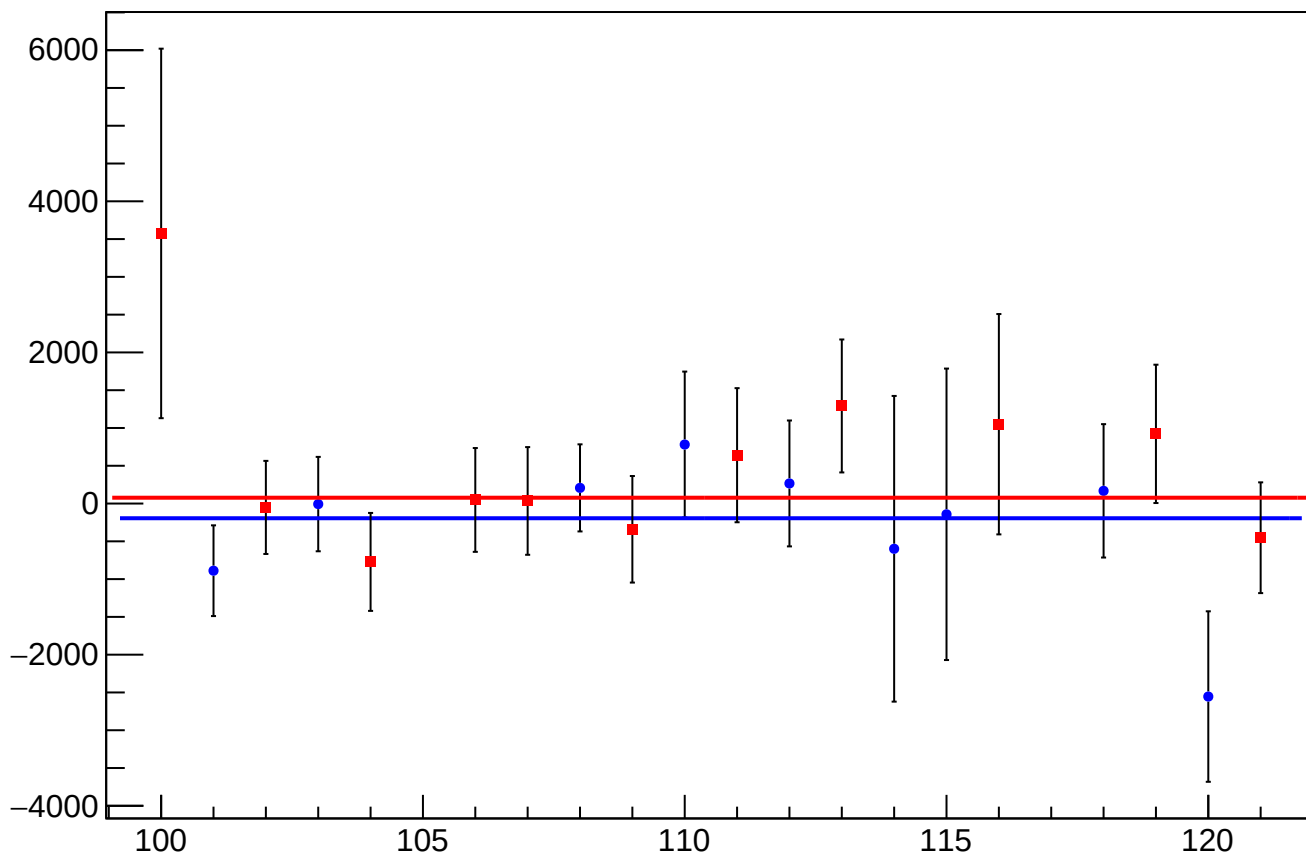
Right: 64.537+/-0.016 χ^2/NDF : 541045.0/19

In: 65.746+/-0.025 χ^2/NDF : 229356.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.537+/-0.016 χ^2/NDF : 541045.0/19

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -194.409+/-272.724 χ^2 /NDF: 7.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 77.209+/-239.936 χ^2 /NDF: 8.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

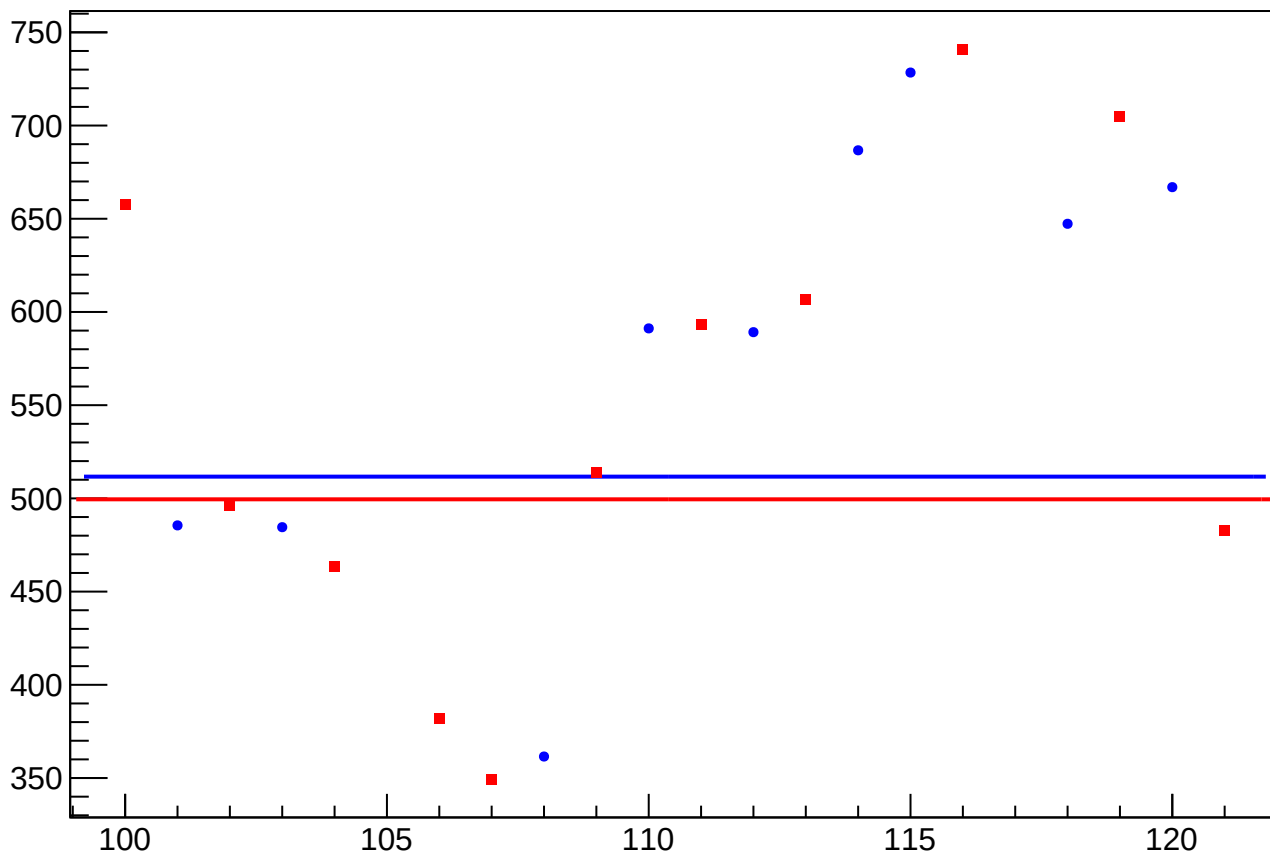
Right: -41.300+/-180.143 χ^2 /NDF: 16.7/19

In: -194.409+/-272.724 χ^2 /NDF:7.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -41.300+/-180.143 χ^2 /NDF: 16.7/19

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 511.671+/-0.193 χ^2/NDF : 299536.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.502+/-0.170 χ^2/NDF : 371562.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

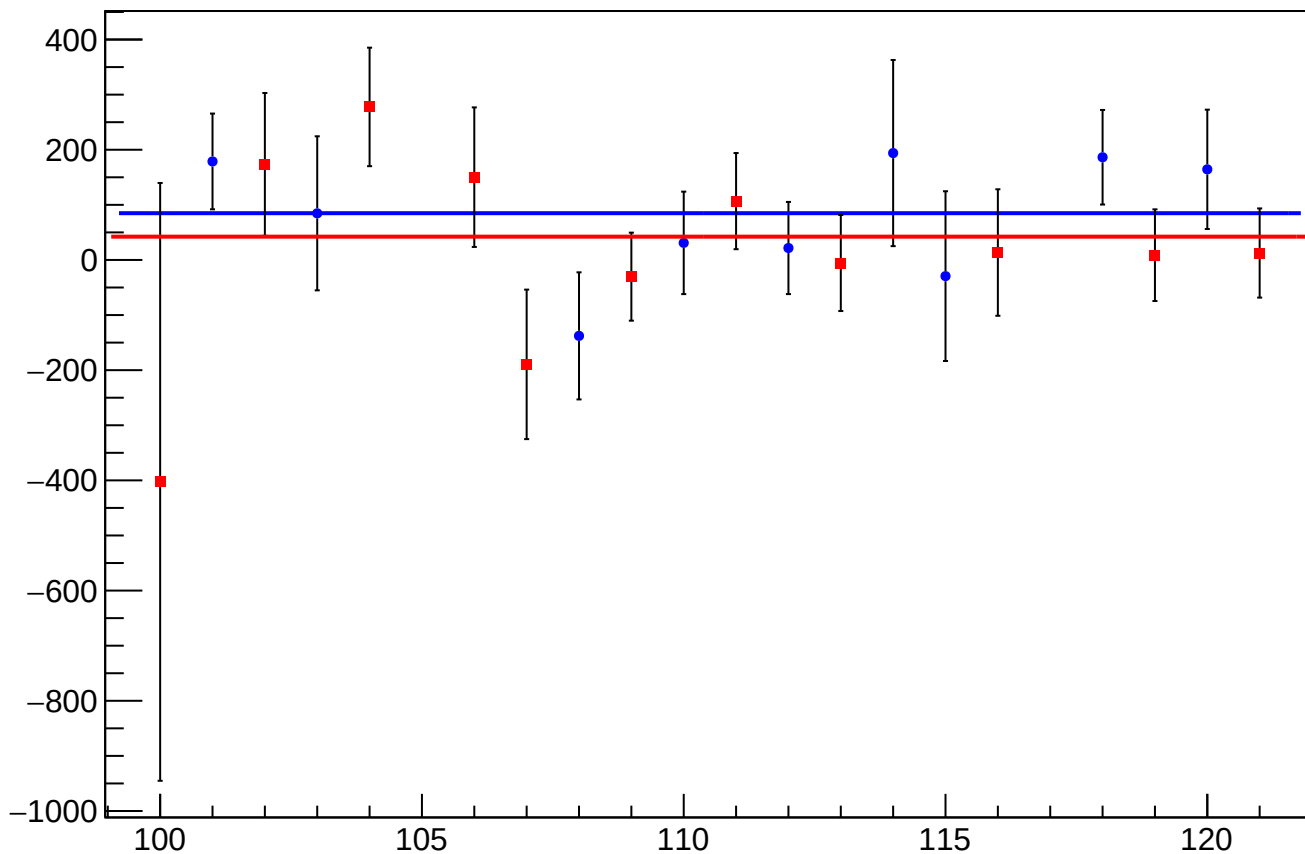
Right: 504.812+/-0.127 χ^2/NDF : 673343.9/19

In: 511.671+/-0.193 χ^2/NDF : 299536.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.812+/-0.127 χ^2/NDF : 673343.9/19

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 84.853 $\pm$ 35.012 χ^2 /NDF: 8.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.284 $\pm$ 30.728 χ^2 /NDF: 12.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

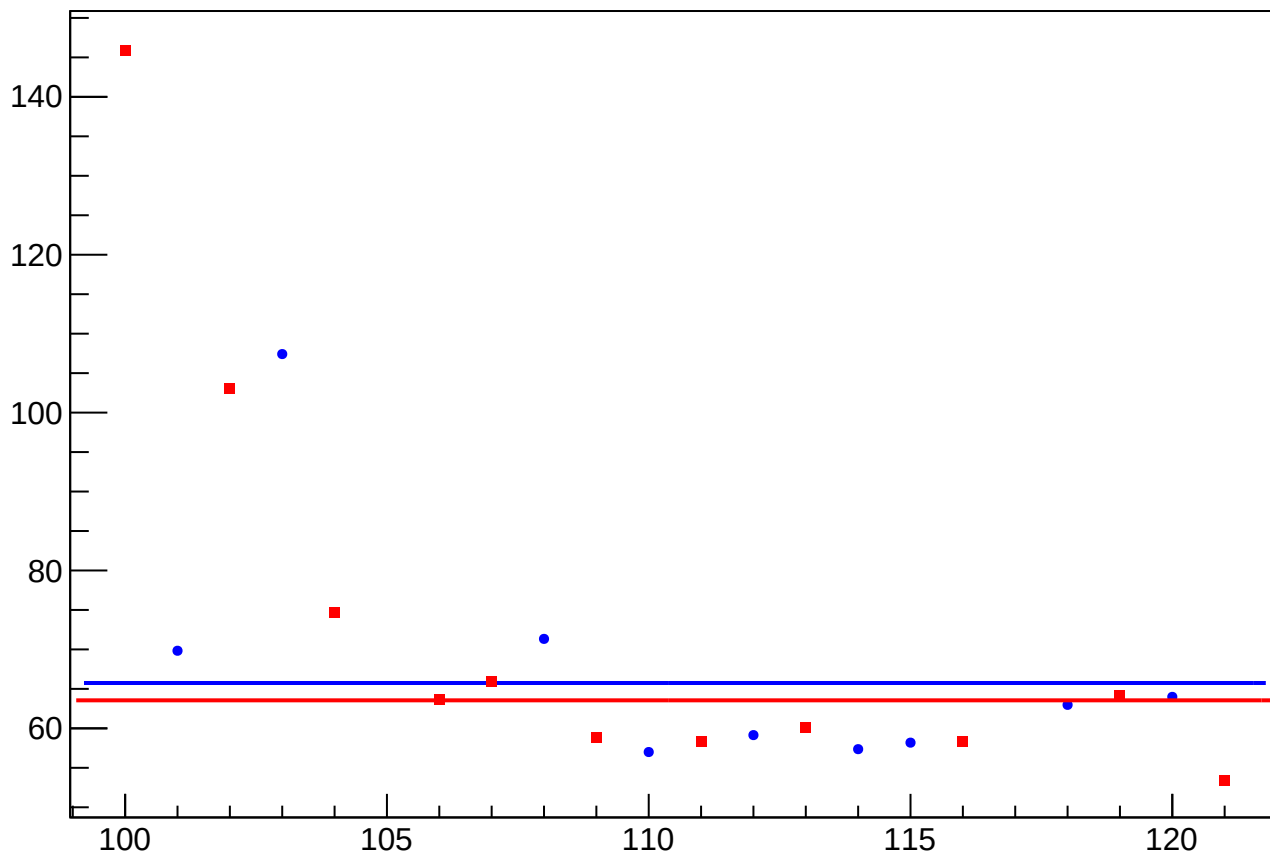
Right: 60.806 $\pm$ 23.095 χ^2 /NDF: 21.7/19

In: 84.853 $\pm$ 35.012 χ^2 /NDF: 8.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.806 $\pm$ 23.095 χ^2 /NDF: 21.7/19

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.549+/-0.022 χ^2/NDF : 307564.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

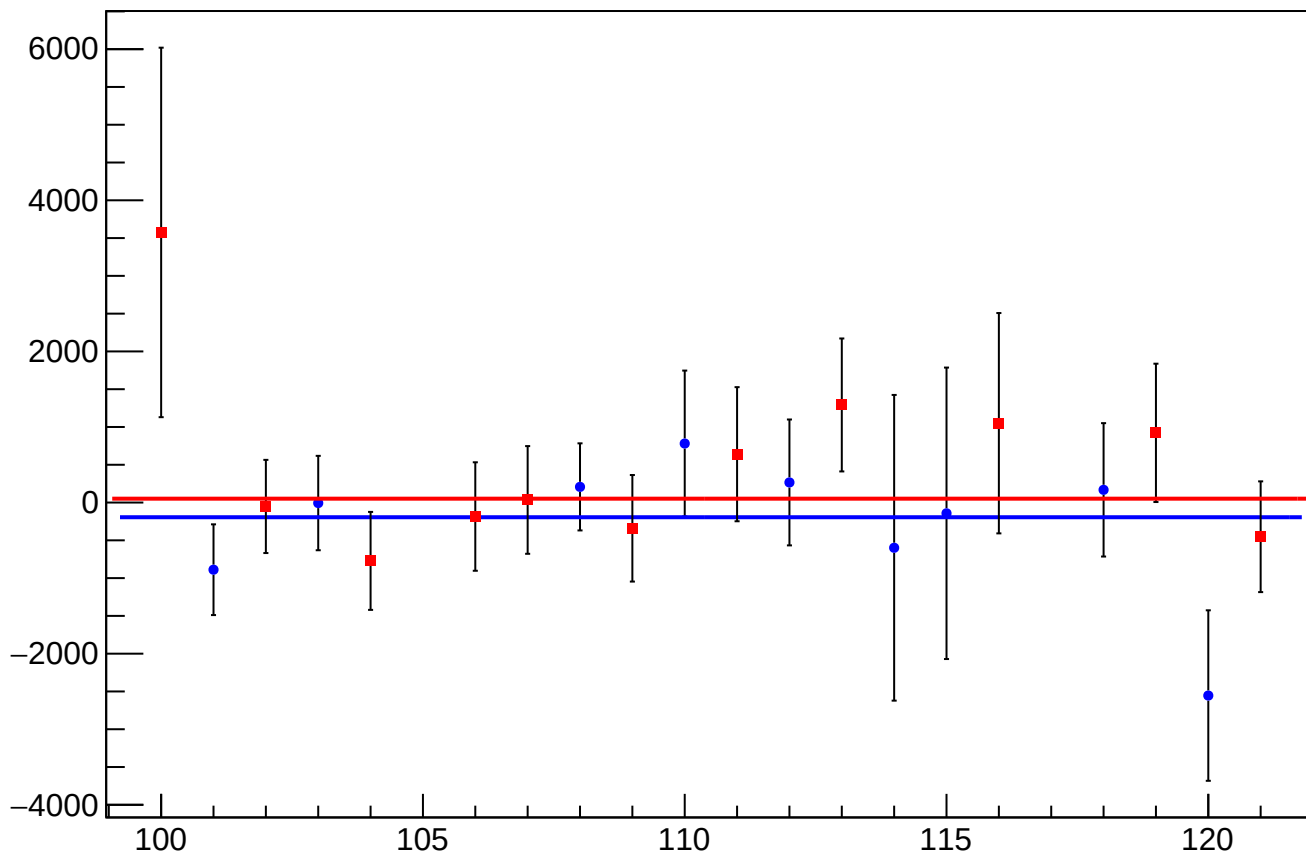
Right: 64.505+/-0.016 χ^2/NDF : 541371.5/19

In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.505+/-0.016 χ^2/NDF : 541371.5/19

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -194.319+/-272.727 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.270+/-241.212 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

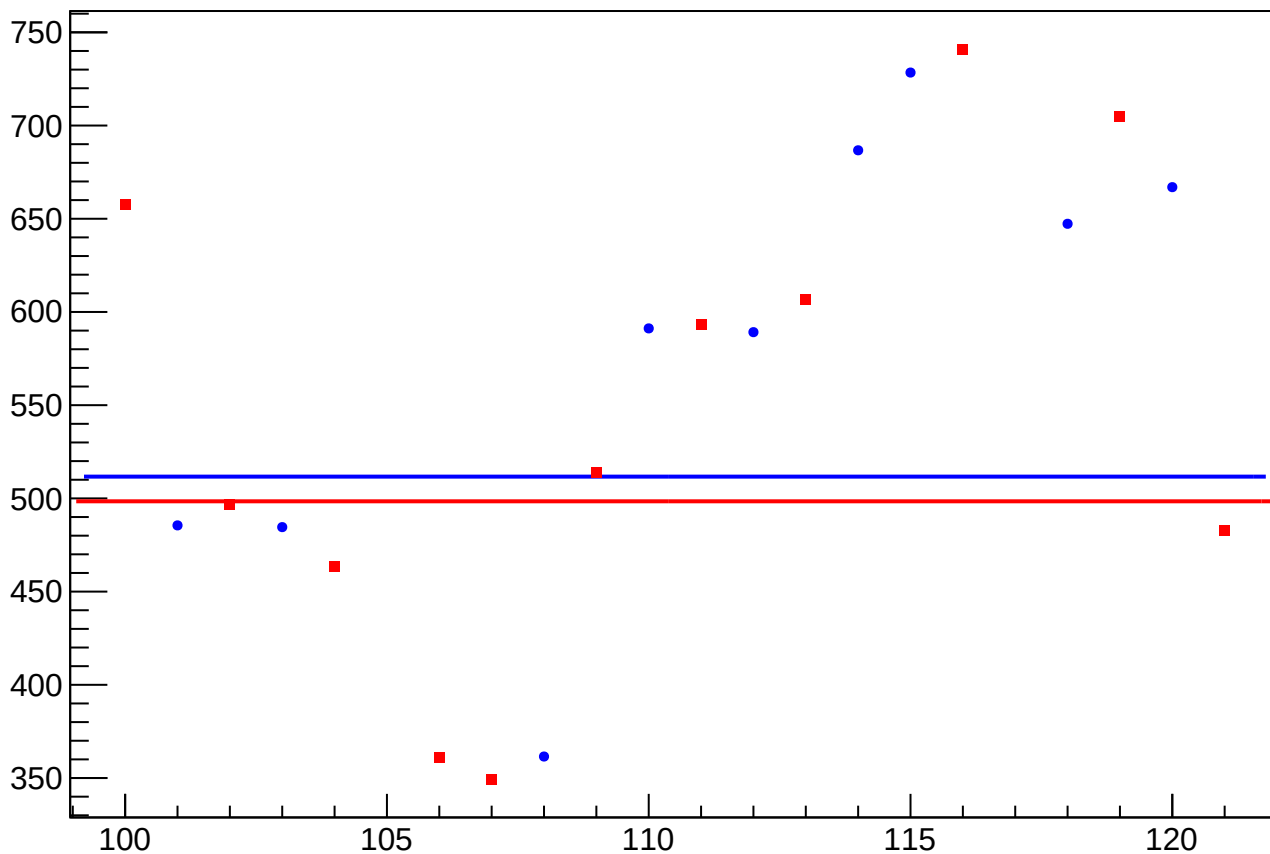
Right: -56.522+/-180.683 χ^2/NDF : 16.7/19

In: -194.319+/-272.727 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.522+/-180.683 χ^2/NDF : 16.7/19

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 511.678+/-0.193 χ^2/NDF : 299527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.435+/-0.171 χ^2/NDF : 387392.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

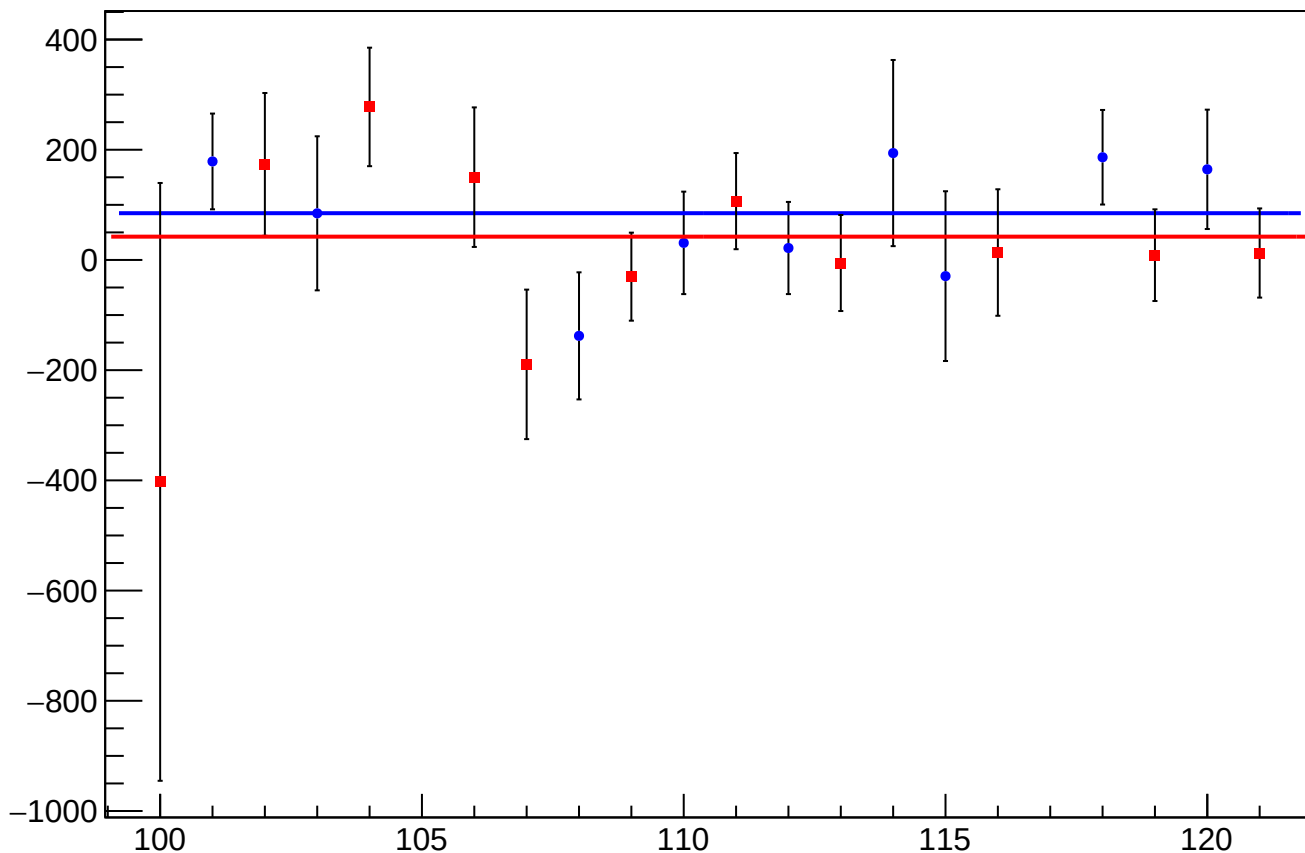
Right: 504.248+/-0.128 χ^2/NDF : 689565.1/19

In: 511.678+/-0.193 χ^2/NDF : 299527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.248+/-0.128 χ^2/NDF : 689565.1/19

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 84.853+/-35.012 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.284+/-30.728 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

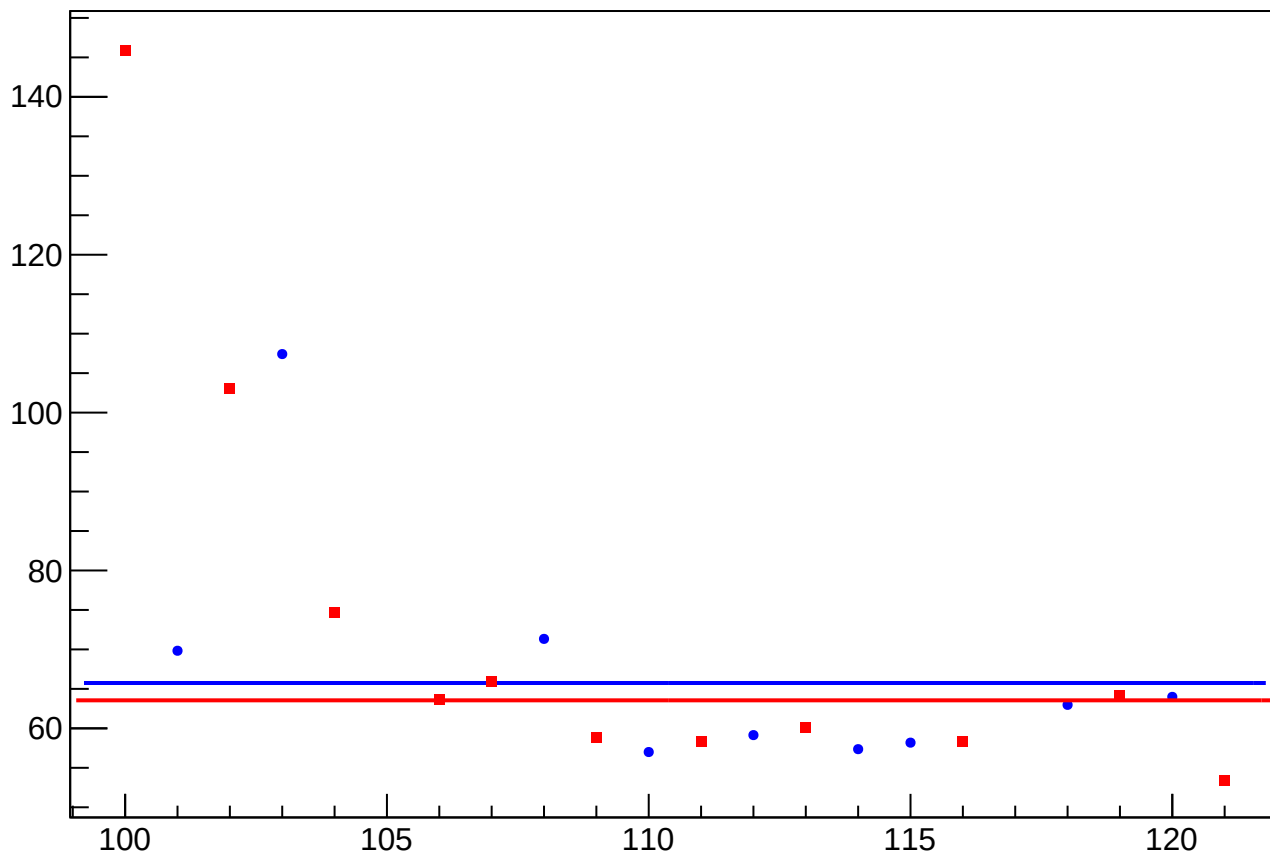
Right: 60.806+/-23.095 χ^2/NDF : 21.7/19

In: 84.853+/-35.012 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.806+/-23.095 χ^2/NDF : 21.7/19

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.549+/-0.022 χ^2/NDF : 307564.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

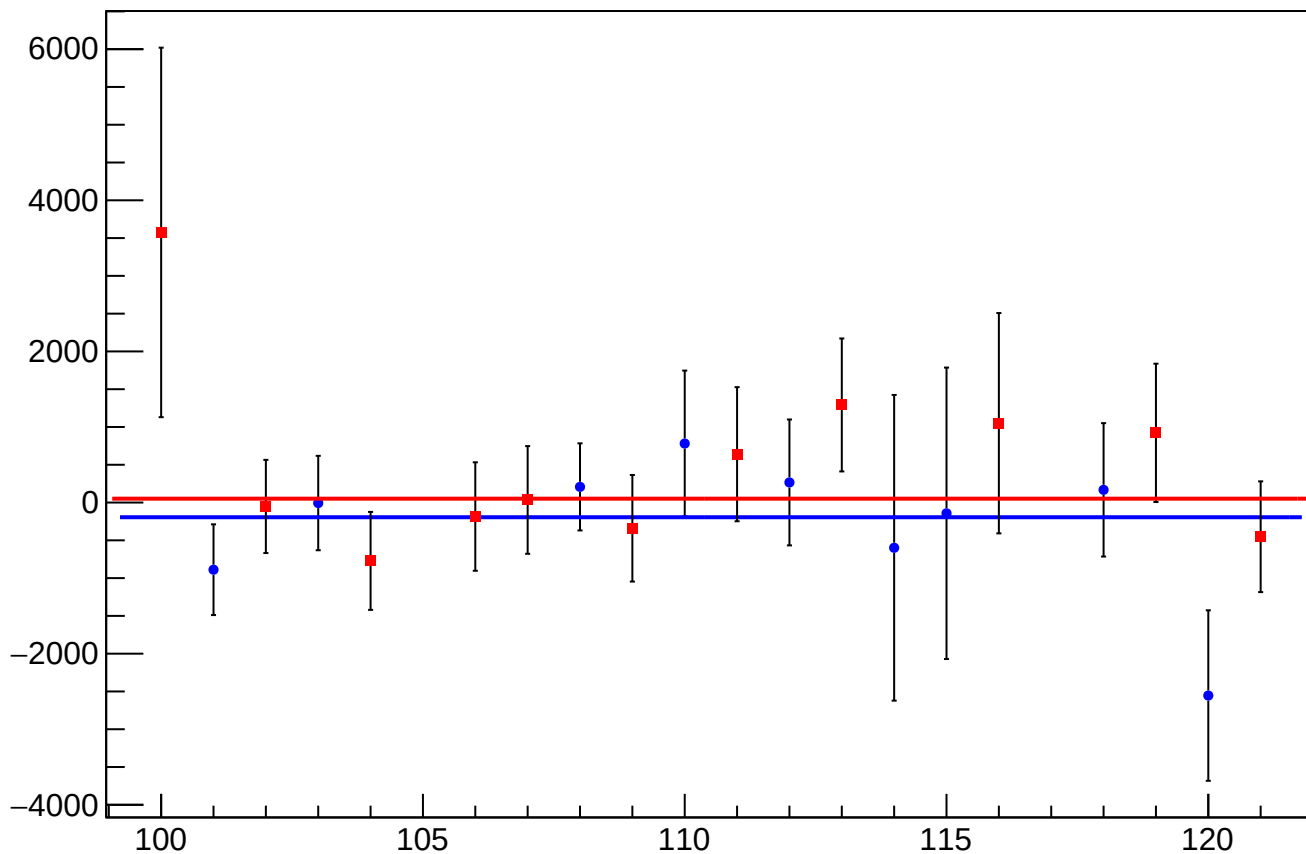
Right: 64.505+/-0.016 χ^2/NDF : 541371.5/19

In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.505+/-0.016 χ^2/NDF : 541371.5/19

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -194.319+/-272.727 χ^2 /NDF: 7.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 51.270+/-241.212 χ^2 /NDF: 8.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

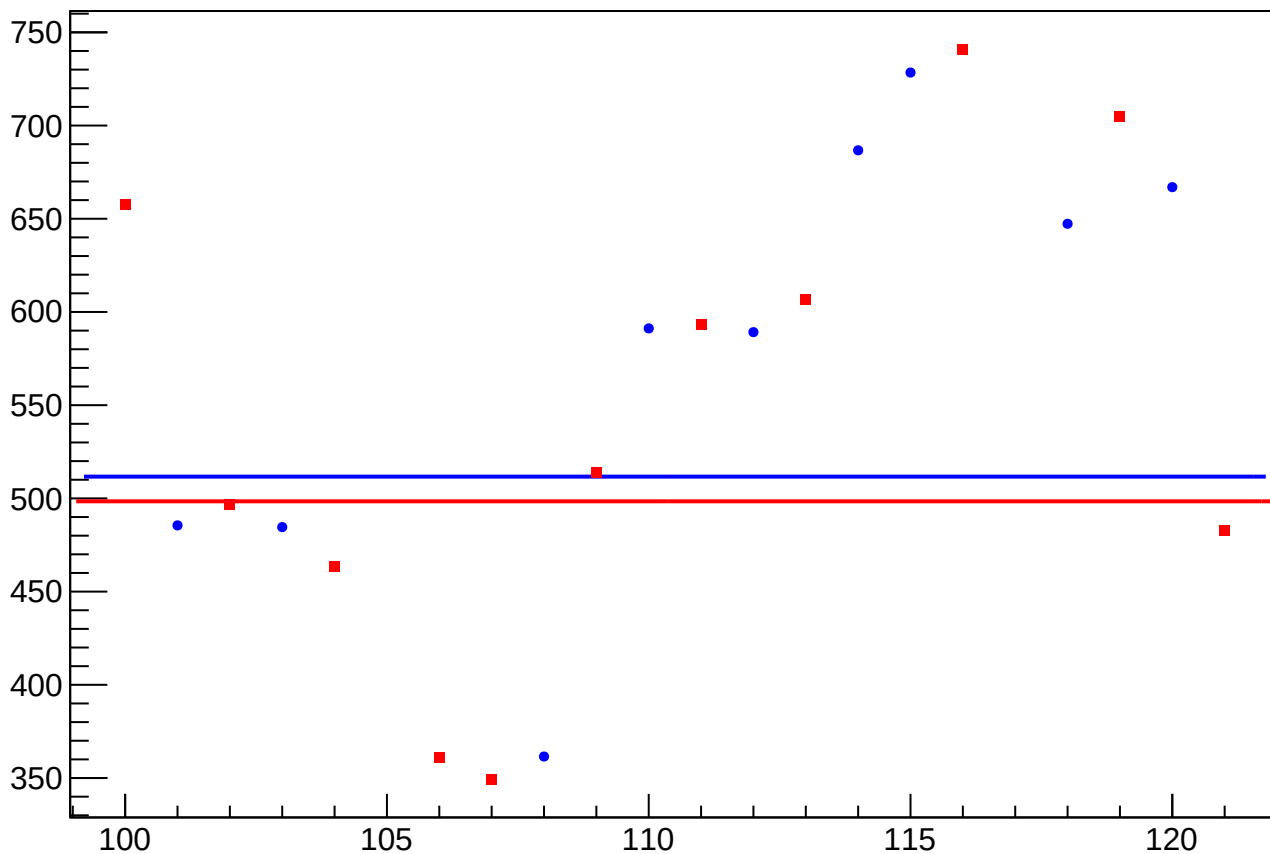
Right: -56.522+/-180.683 χ^2 /NDF: 16.7/19

In: -194.319+/-272.727 χ^2 /NDF:7.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -56.522+/-180.683 χ^2 /NDF: 16.7/19

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 511.678+/-0.193 χ^2/NDF : 299527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.435+/-0.171 χ^2/NDF : 387392.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

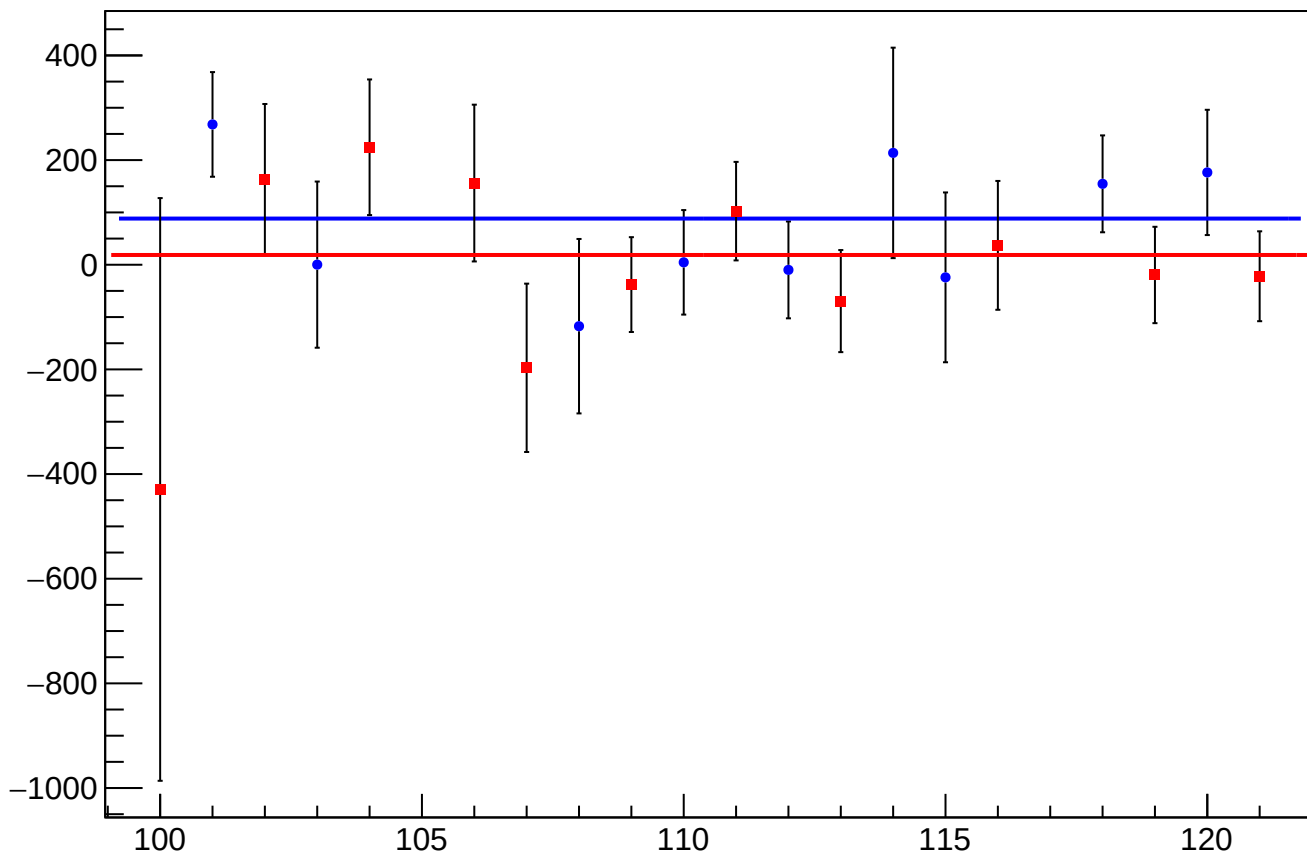
Right: 504.248+/-0.128 χ^2/NDF : 689565.1/19

In: 511.678+/-0.193 χ^2/NDF : 299527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.248+/-0.128 χ^2/NDF : 689565.1/19

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 88.250+/-39.473 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.667+/-34.236 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

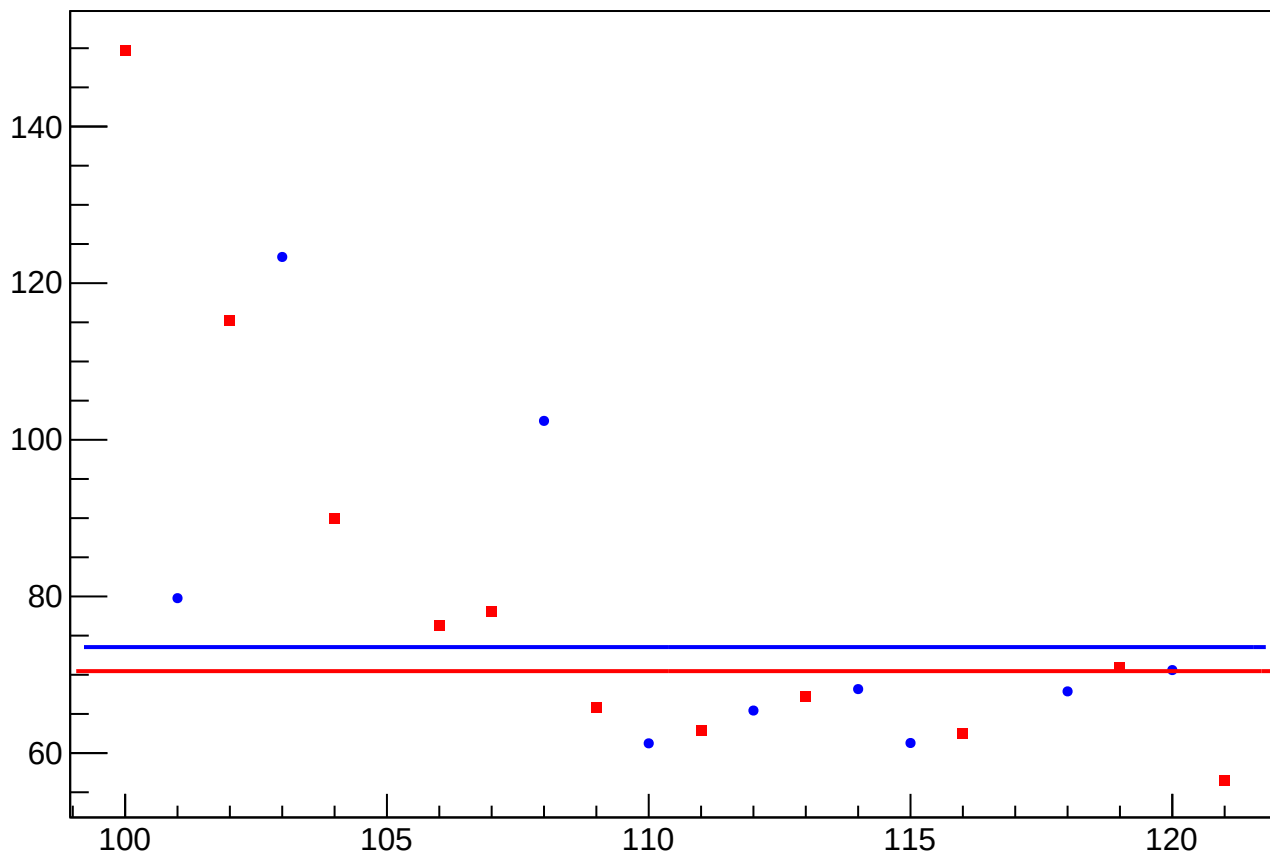
Right: 48.540+/-25.863 χ^2/NDF : 19.8/19

In: 88.250+/-39.473 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.540+/-25.863 χ^2/NDF : 19.8/19

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 73.535+/-0.028 χ^2/NDF : 331736.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.466+/-0.024 χ^2/NDF : 367187.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

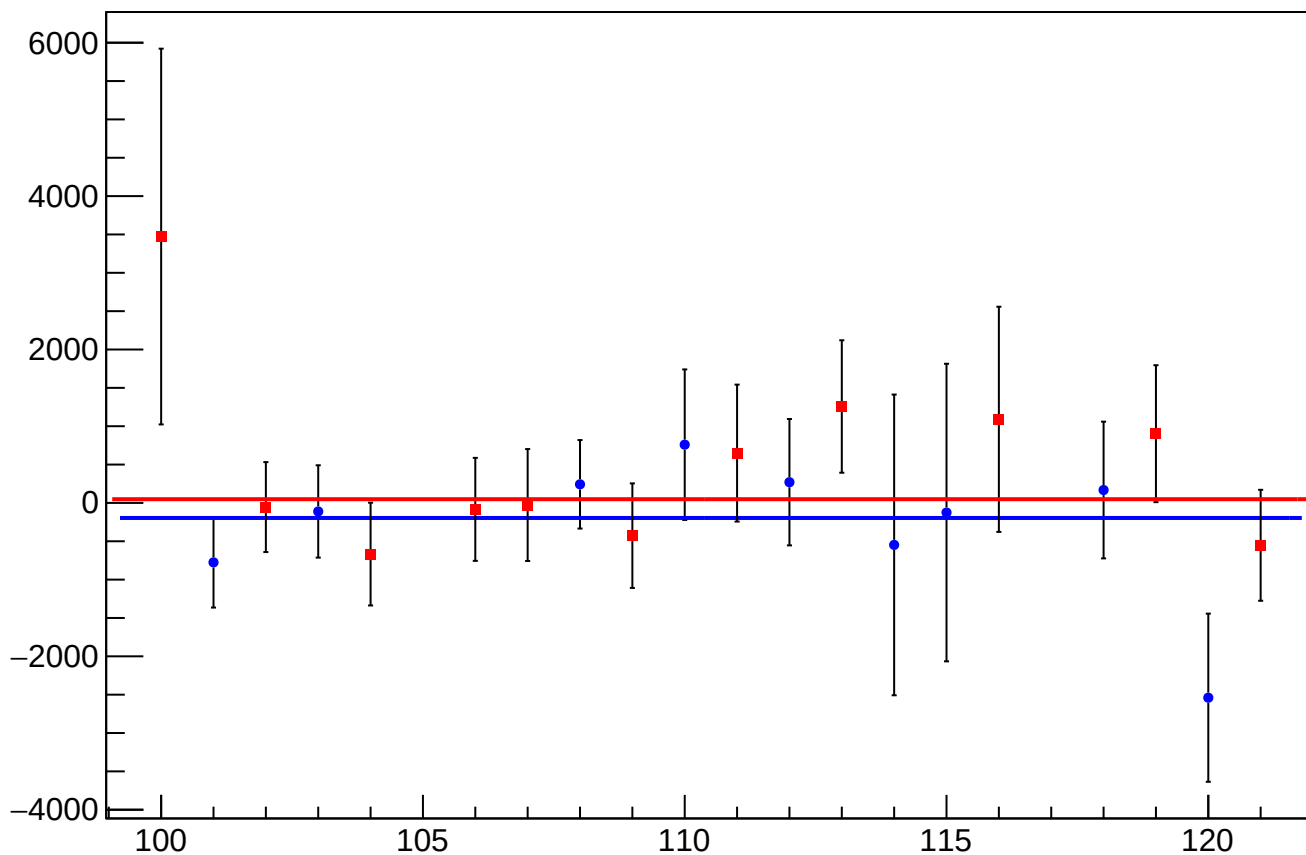
Right: 71.783+/-0.018 χ^2/NDF : 705826.5/19

In: 73.535+/-0.028 χ^2/NDF : 331736.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.783+/-0.018 χ^2/NDF : 705826.5/19

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.128+/-269.467 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.442+/-237.160 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

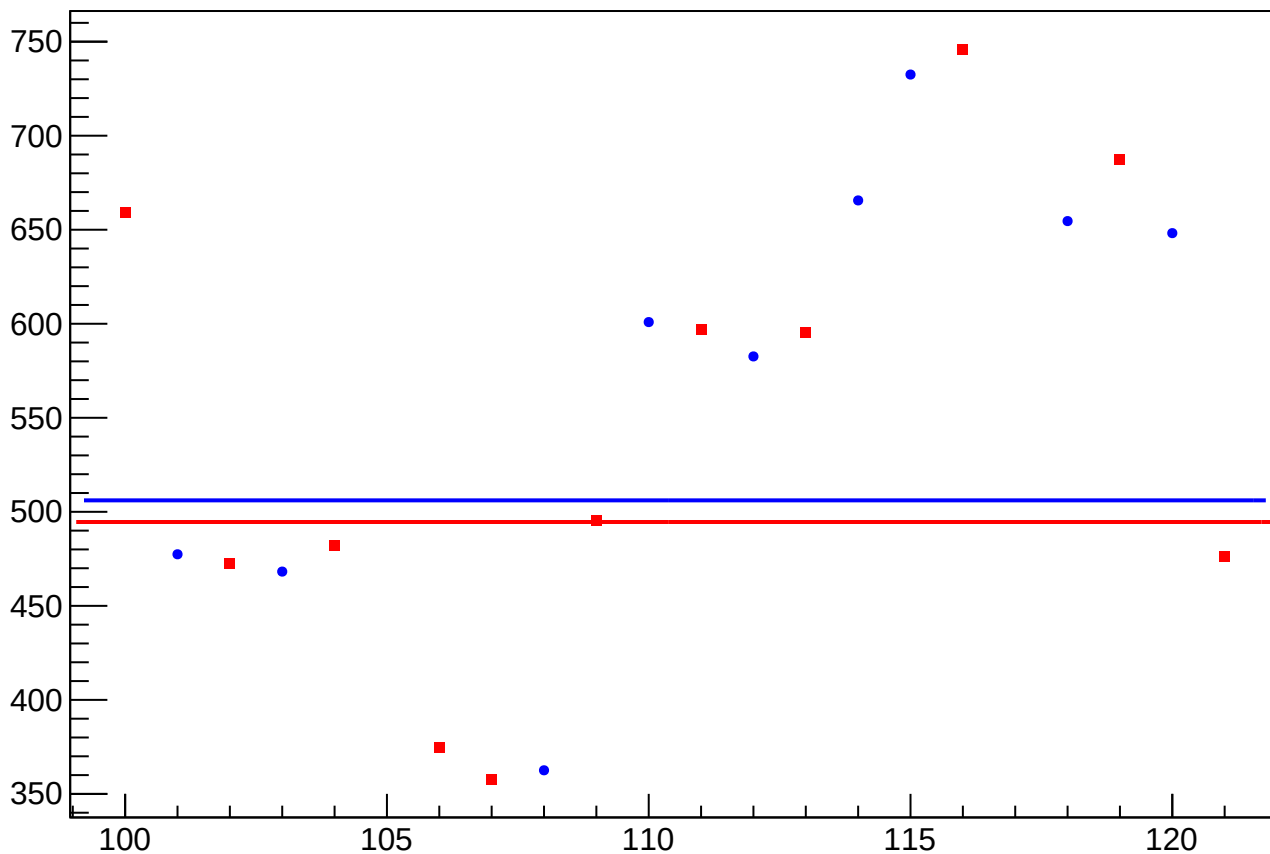
Right: -58.310+/-178.029 χ^2/NDF : 16.2/19

In: -196.128+/-269.467 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.310+/-178.029 χ^2/NDF : 16.2/19

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.094 $\pm$ 0.191 χ^2 /NDF: 301961.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 494.590 $\pm$ 0.168 χ^2 /NDF: 353656.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

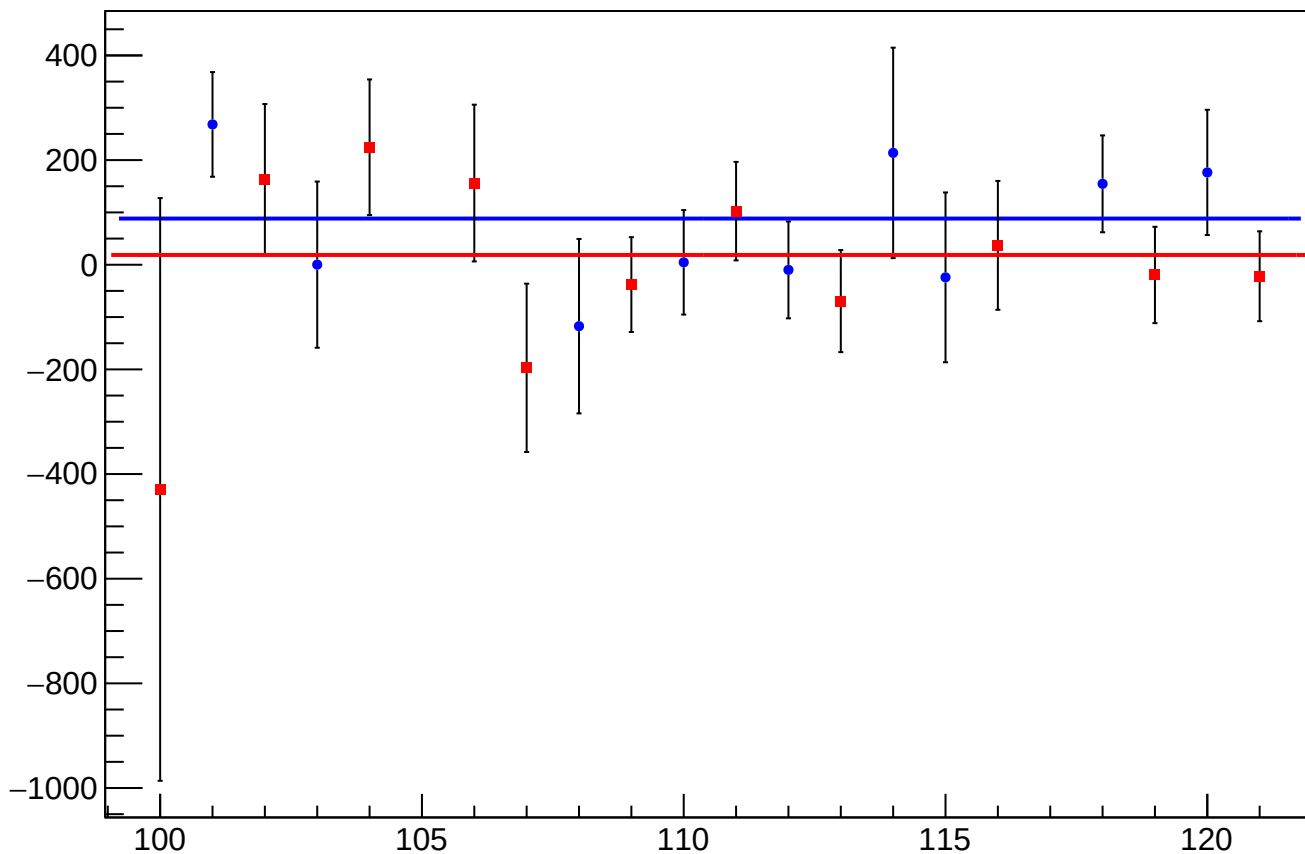
Right: 499.611 $\pm$ 0.126 χ^2 /NDF: 657671.9/19

In: 506.094 $\pm$ 0.191 χ^2 /NDF:301961.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 499.611 $\pm$ 0.126 χ^2 /NDF: 657671.9/19

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 88.251+/-39.473 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.667+/-34.236 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

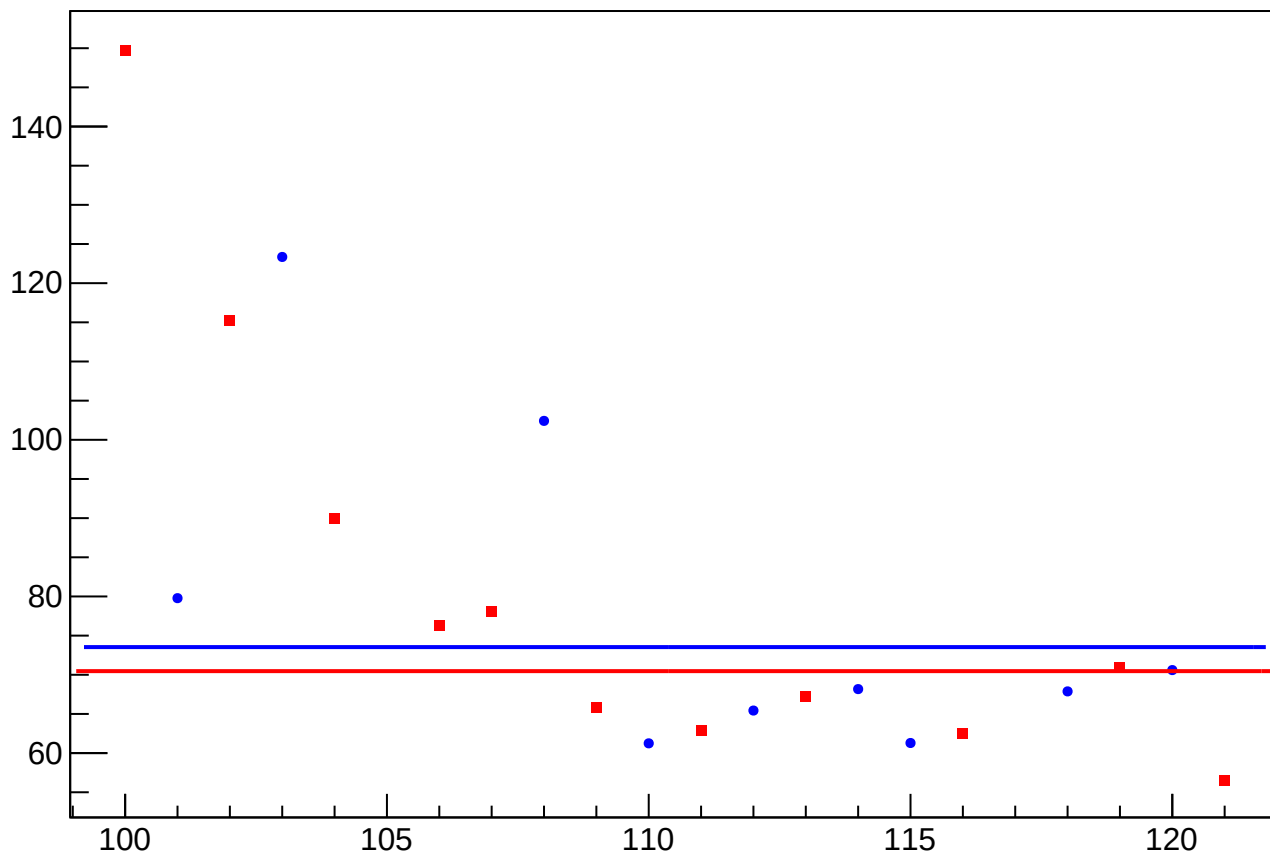
Right: 48.541+/-25.863 χ^2/NDF : 19.8/19

In: 88.251+/-39.473 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.541+/-25.863 χ^2/NDF : 19.8/19

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 73.535+/-0.028 χ^2/NDF : 331743.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.466+/-0.024 χ^2/NDF : 367186.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

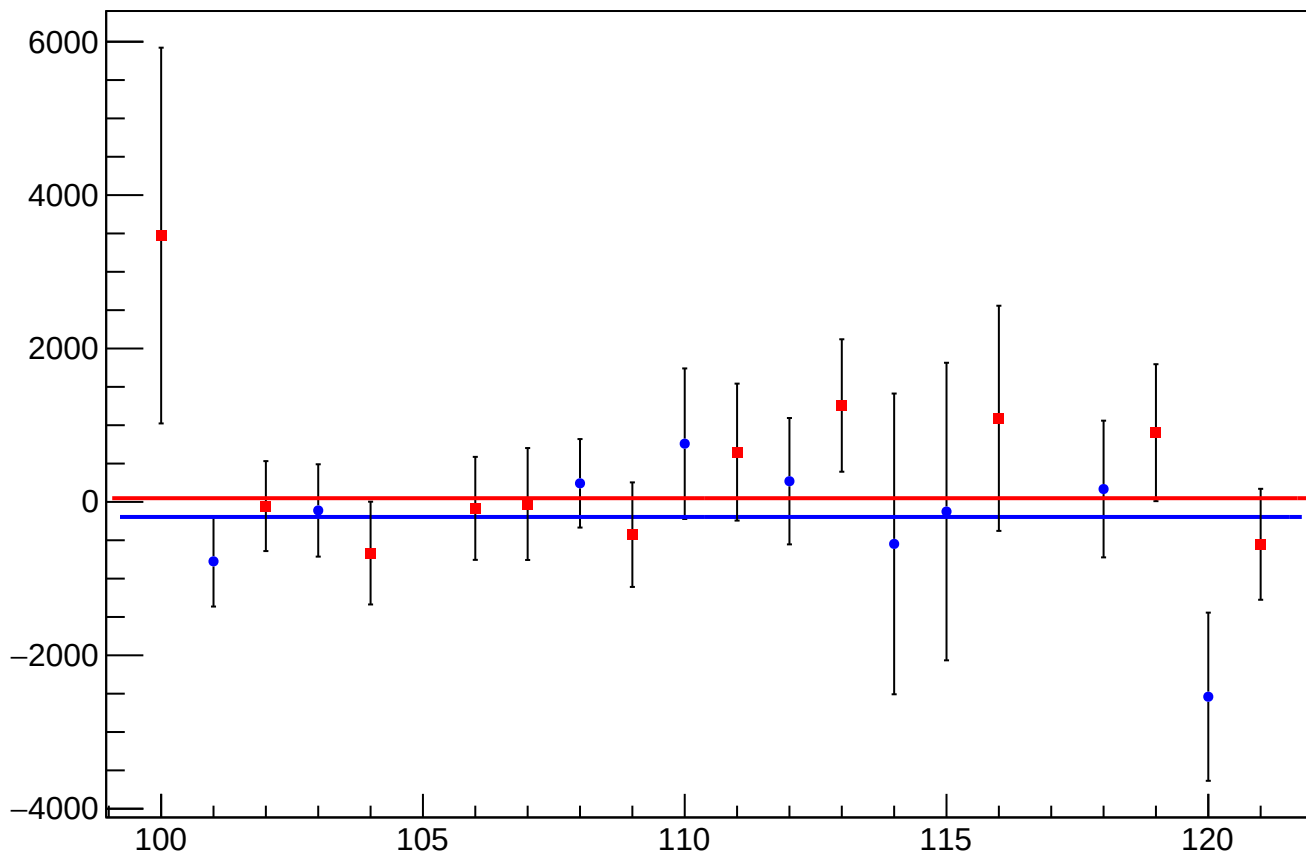
Right: 71.783+/-0.018 χ^2/NDF : 705832.4/19

In: 73.535+/-0.028 χ^2/NDF : 331743.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.783+/-0.018 χ^2/NDF : 705832.4/19

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.128+/-269.466 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.440+/-237.159 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

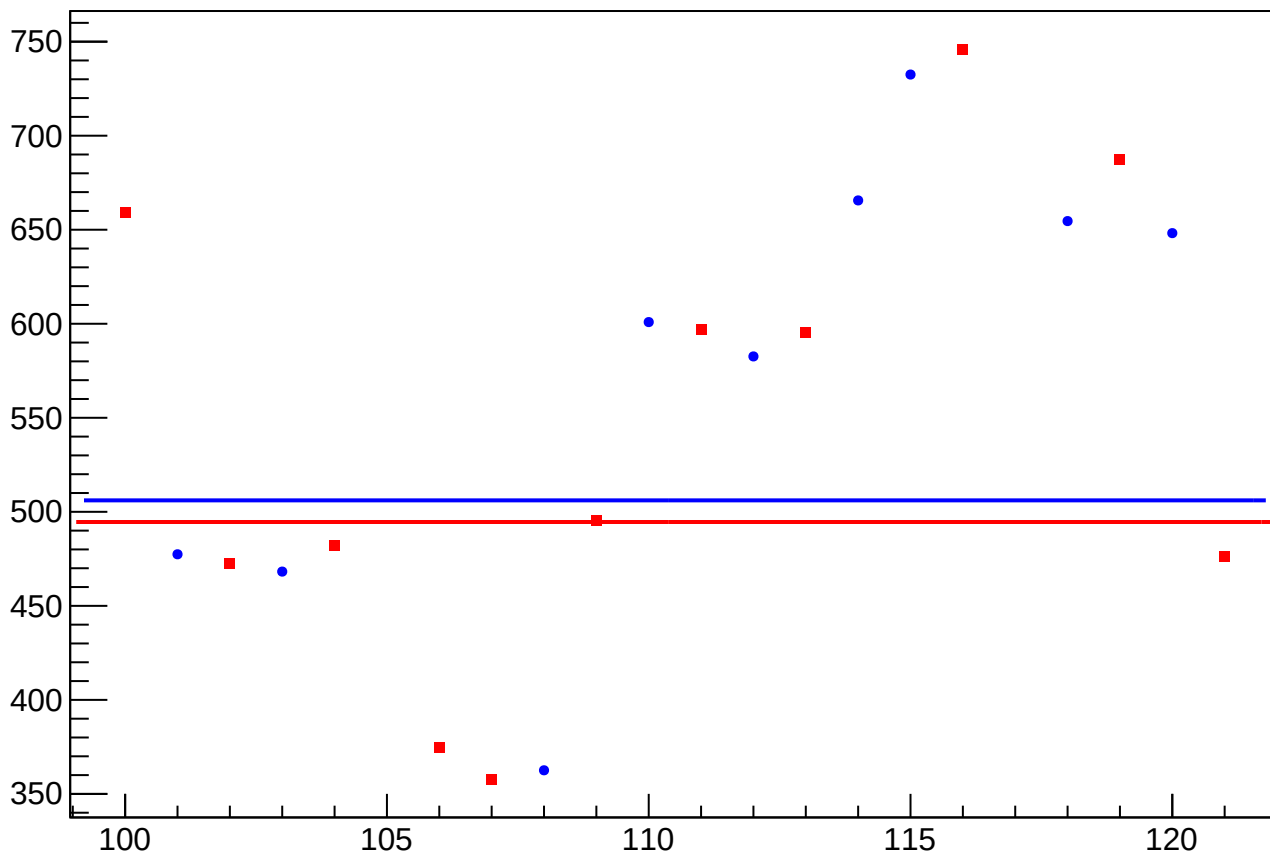
Right: -58.311+/-178.029 χ^2/NDF : 16.2/19

In: -196.128+/-269.466 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.311+/-178.029 χ^2/NDF : 16.2/19

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.093+/-0.191 χ^2/NDF : 301965.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.589+/-0.168 χ^2/NDF : 353658.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

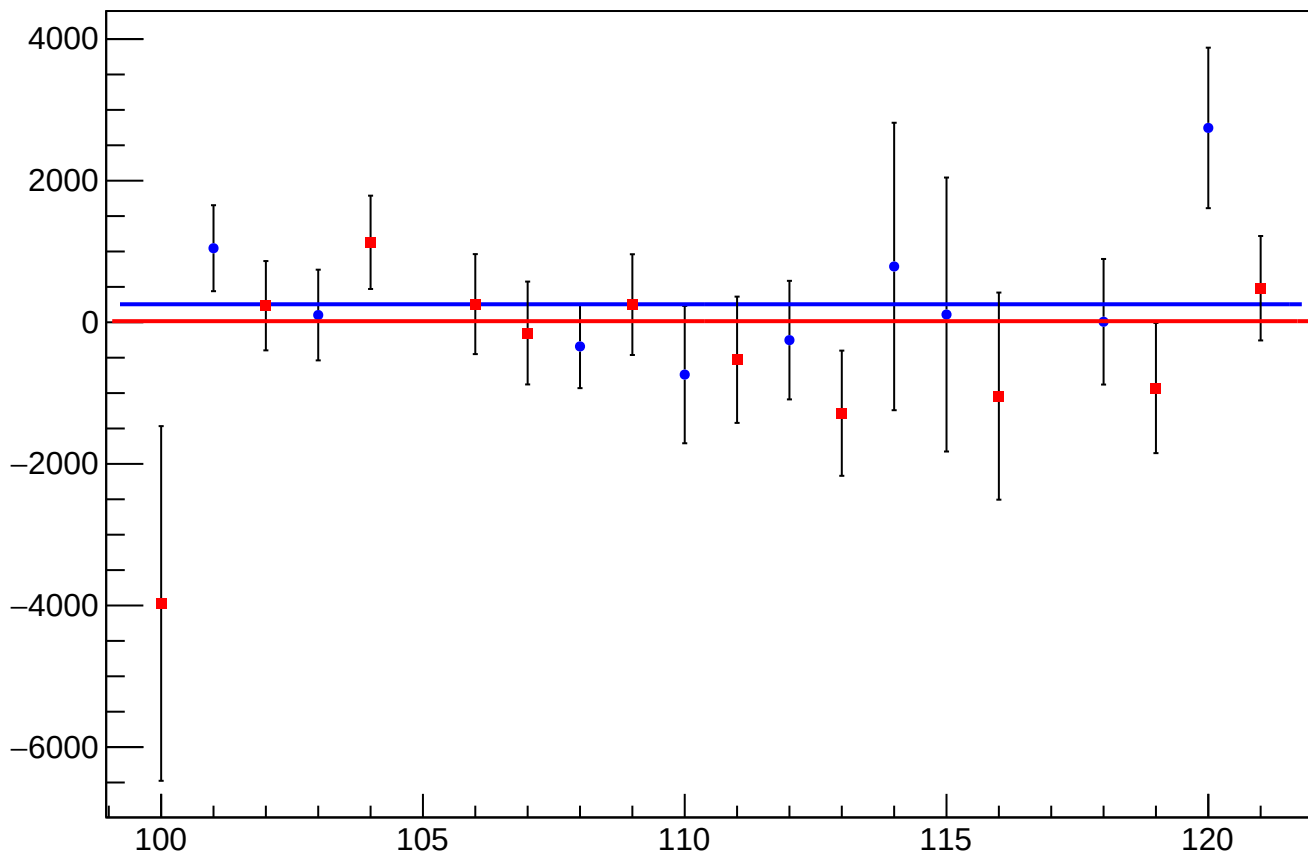
Right: 499.610+/-0.126 χ^2/NDF : 657677.9/19

In: 506.093+/-0.191 χ^2/NDF : 301965.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.610+/-0.126 χ^2/NDF : 657677.9/19

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 254.609+/-276.525 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.825+/-243.405 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

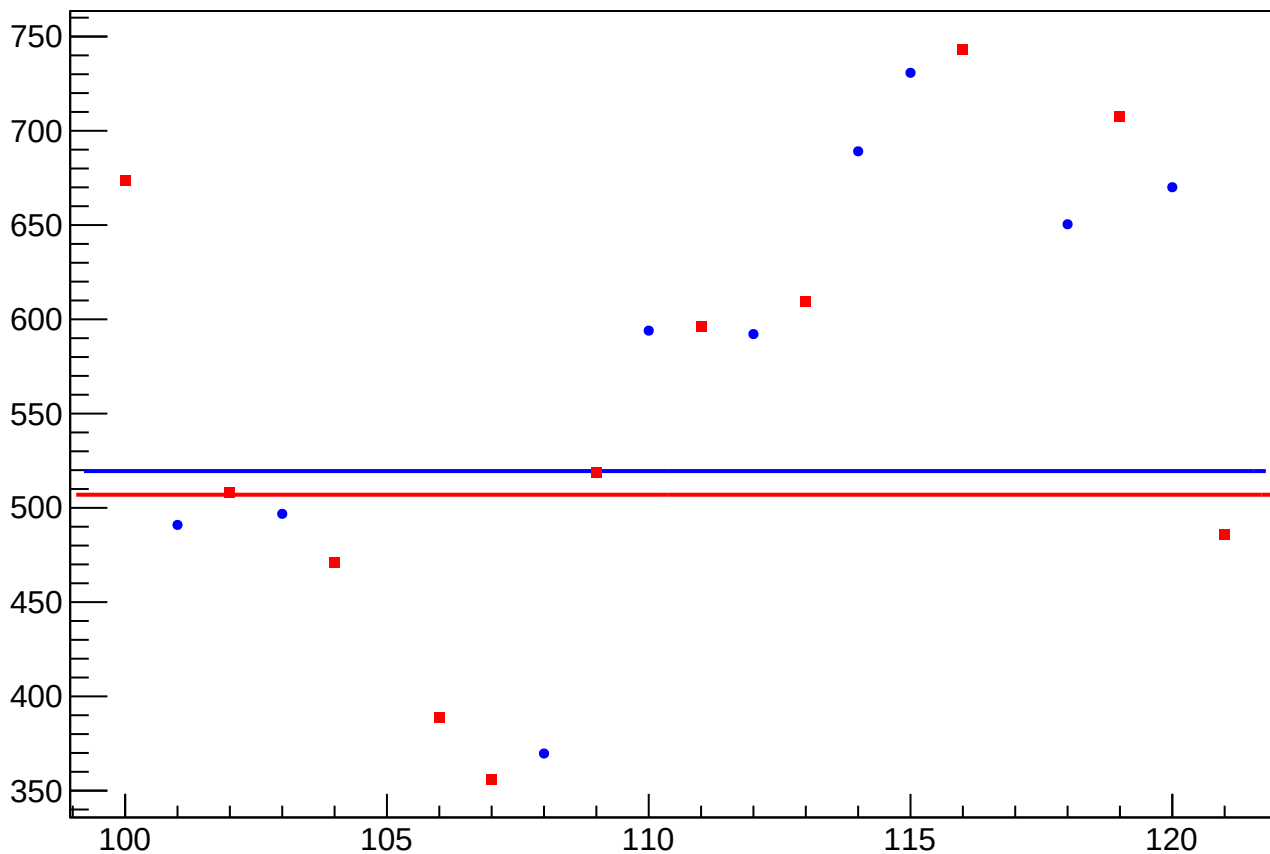
Right: 120.068+/-182.707 χ^2/NDF : 19.9/19

In: 254.609+/-276.525 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.068+/-182.707 χ^2/NDF : 19.9/19

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 519.509 $\pm$ 0.196 χ^2 /NDF: 279699.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 506.970 $\pm$ 0.172 χ^2 /NDF: 354077.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

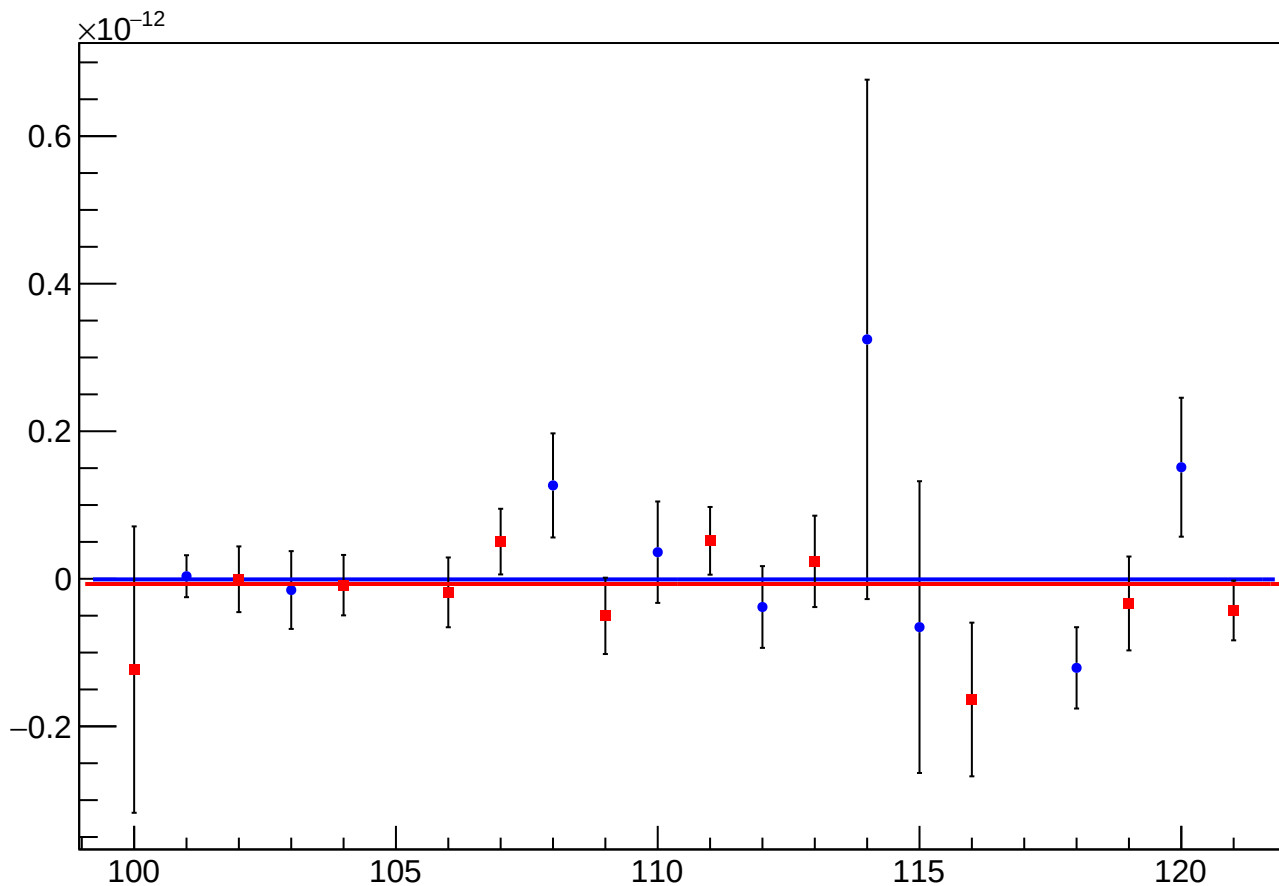
Right: 512.444 $\pm$ 0.129 χ^2 /NDF: 636094.3/19

In: 519.509 $\pm$ 0.196 χ^2 /NDF: 279699.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 512.444 $\pm$ 0.129 χ^2 /NDF: 636094.3/19

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

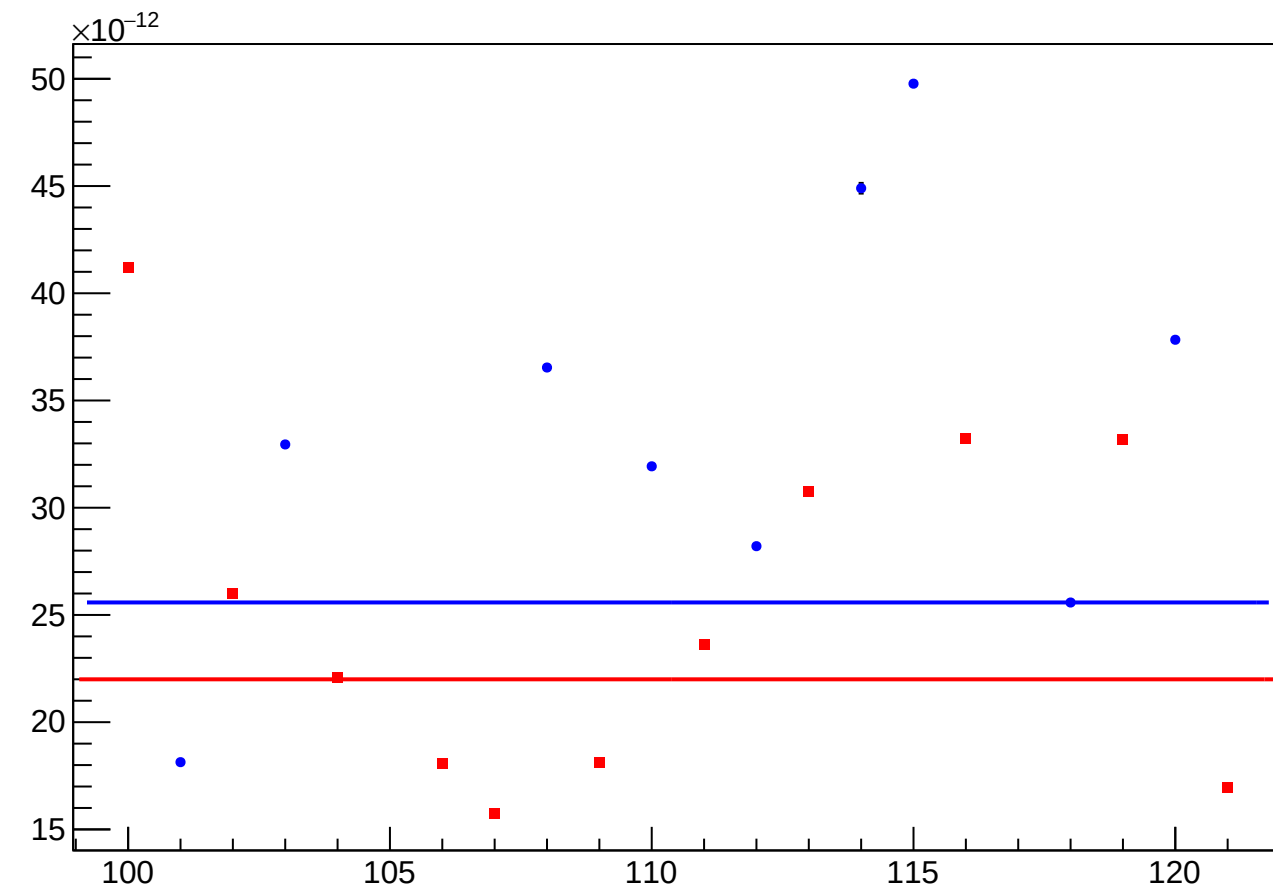
Right: -0.000+/-0.000 χ^2 /NDF: 20.4/19

In: -0.000+/-0.000 χ^2 /NDF:12.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.4/19

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 315720.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 259284.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

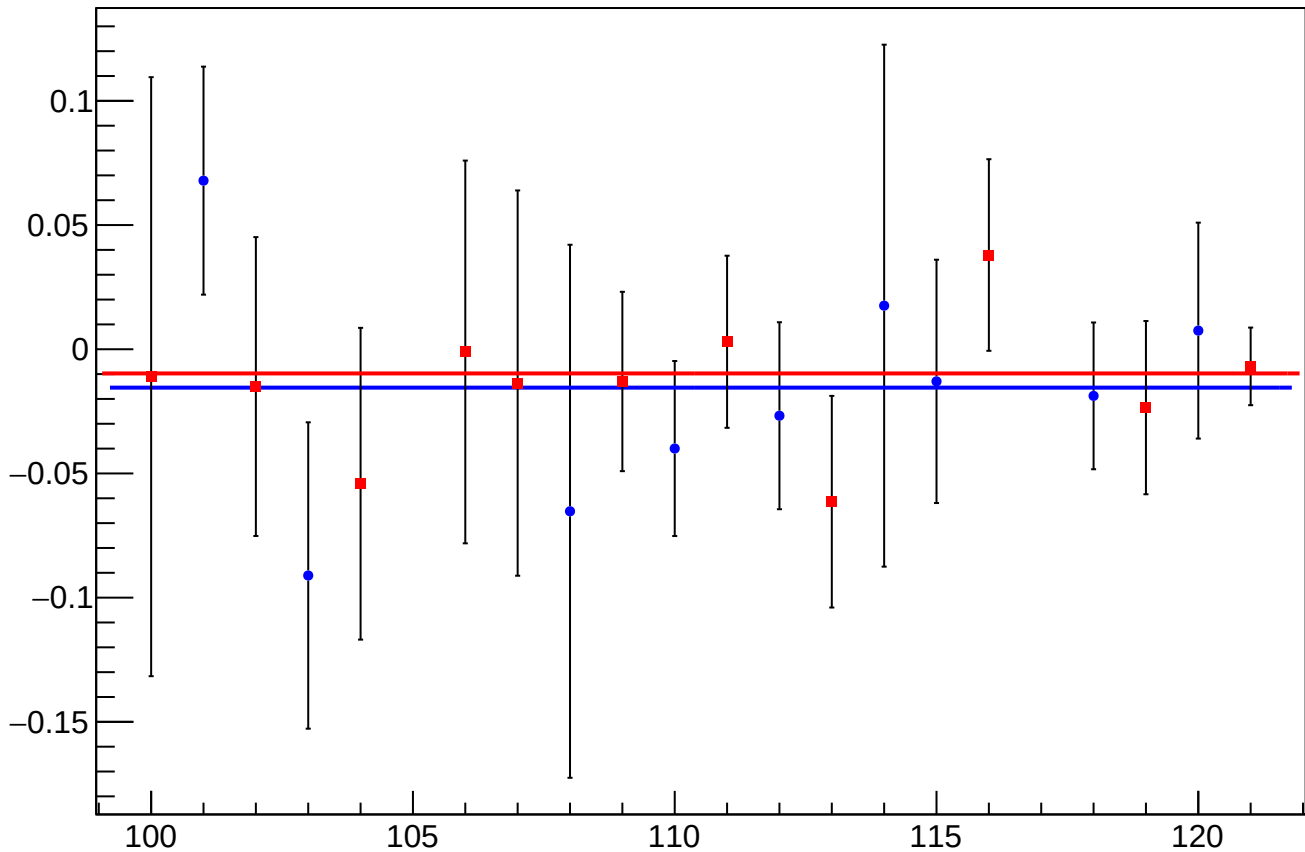
Right: 0.000+/-0.000 χ^2/NDF : 618000.5/19

In: 0.000+/-0.000 χ^2/NDF : 315720.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 618000.5/19

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.015 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.011 χ^2/NDF : 3.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

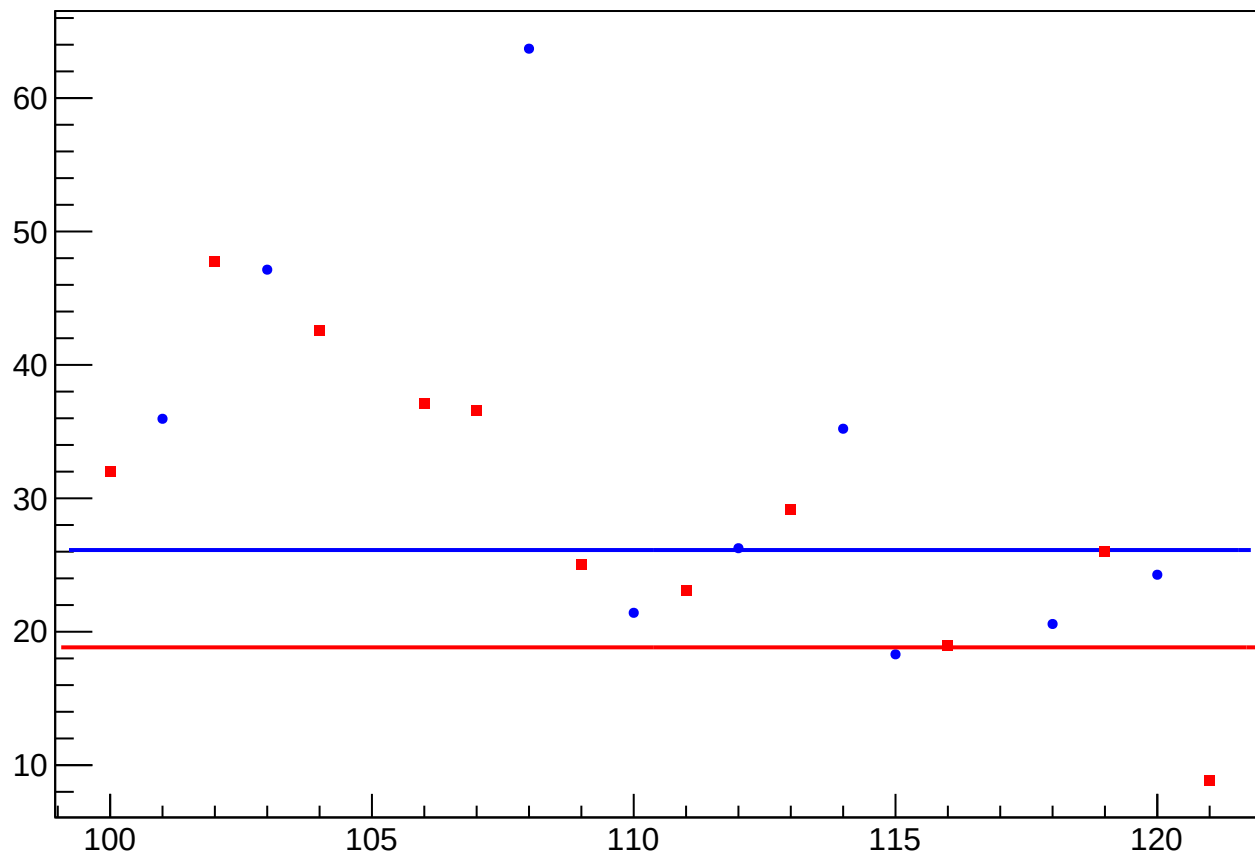
Right: -0.012+/-0.009 χ^2/NDF : 9.9/19

In: -0.015+/-0.015 χ^2/NDF :6.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.009 χ^2/NDF : 9.9/19

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.830+/-0.008 χ^2/NDF : 2099154.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

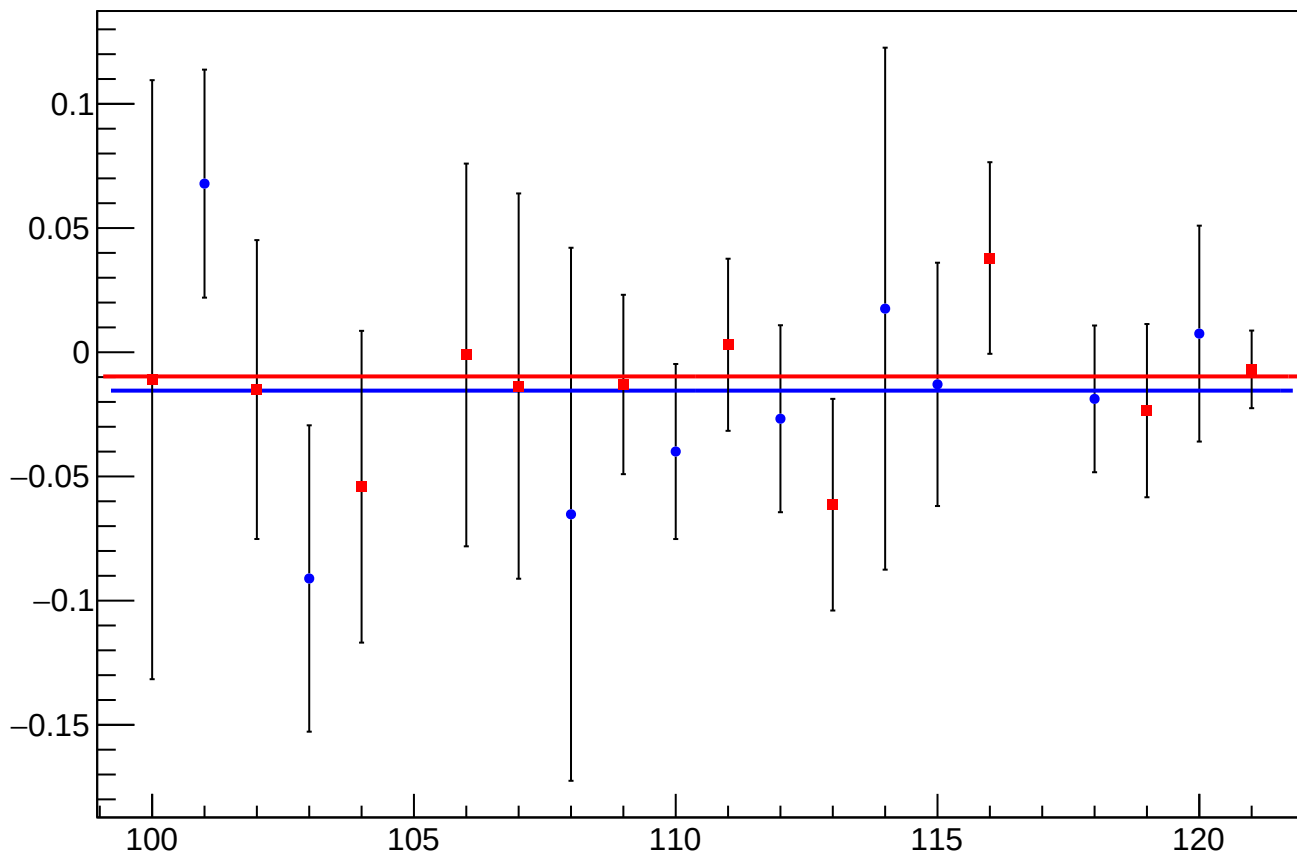
Right: 21.328+/-0.006 χ^2/NDF : 3160476.3/19

In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.328+/-0.006 χ^2/NDF : 3160476.3/19

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.015 $\chi^2/\text{NDF}: 6.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.010 ± 0.011 $\chi^2/\text{NDF}: 3.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

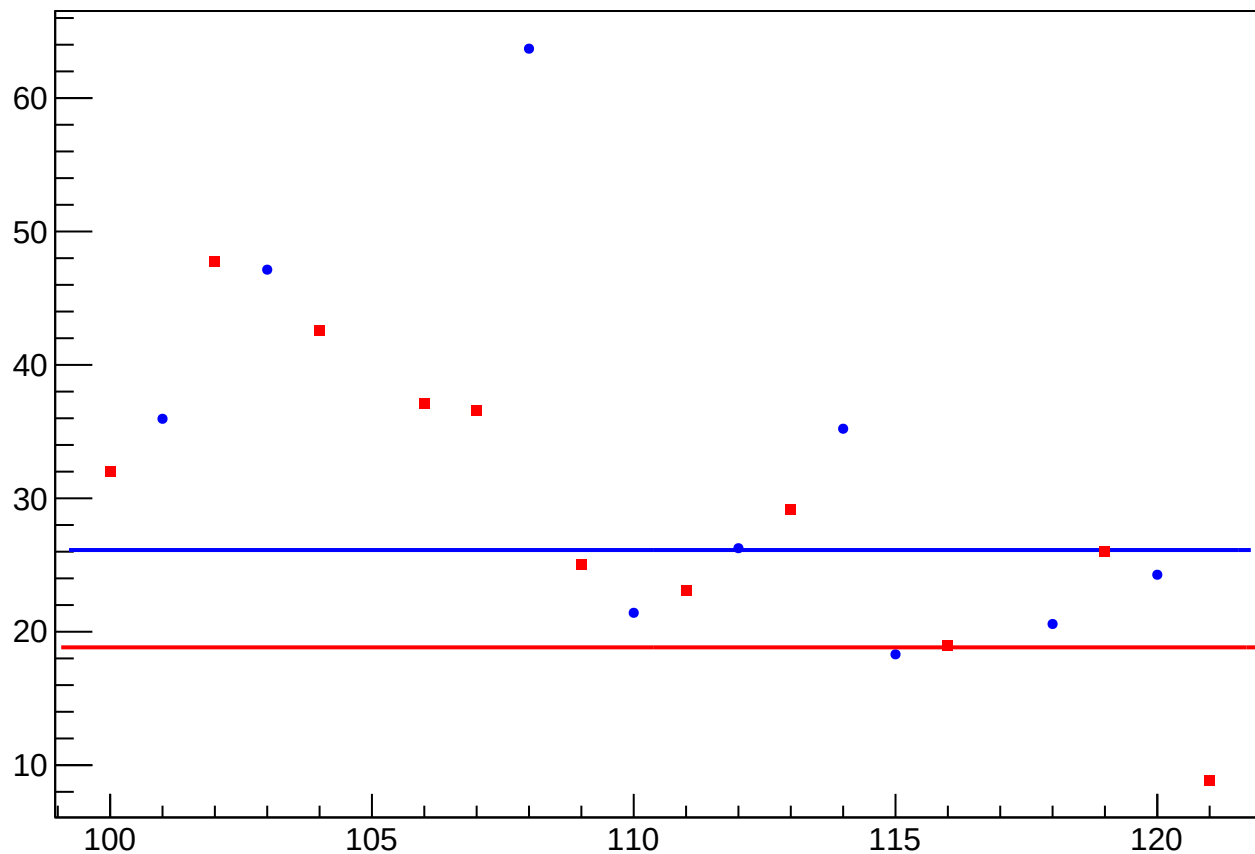
Right: -0.012 ± 0.009 $\chi^2/\text{NDF}: 9.9/19$

In: -0.015 ± 0.015 $\chi^2/\text{NDF}: 6.0/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.012 ± 0.009 $\chi^2/\text{NDF}: 9.9/19$

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.830+/-0.008 χ^2/NDF : 2099154.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

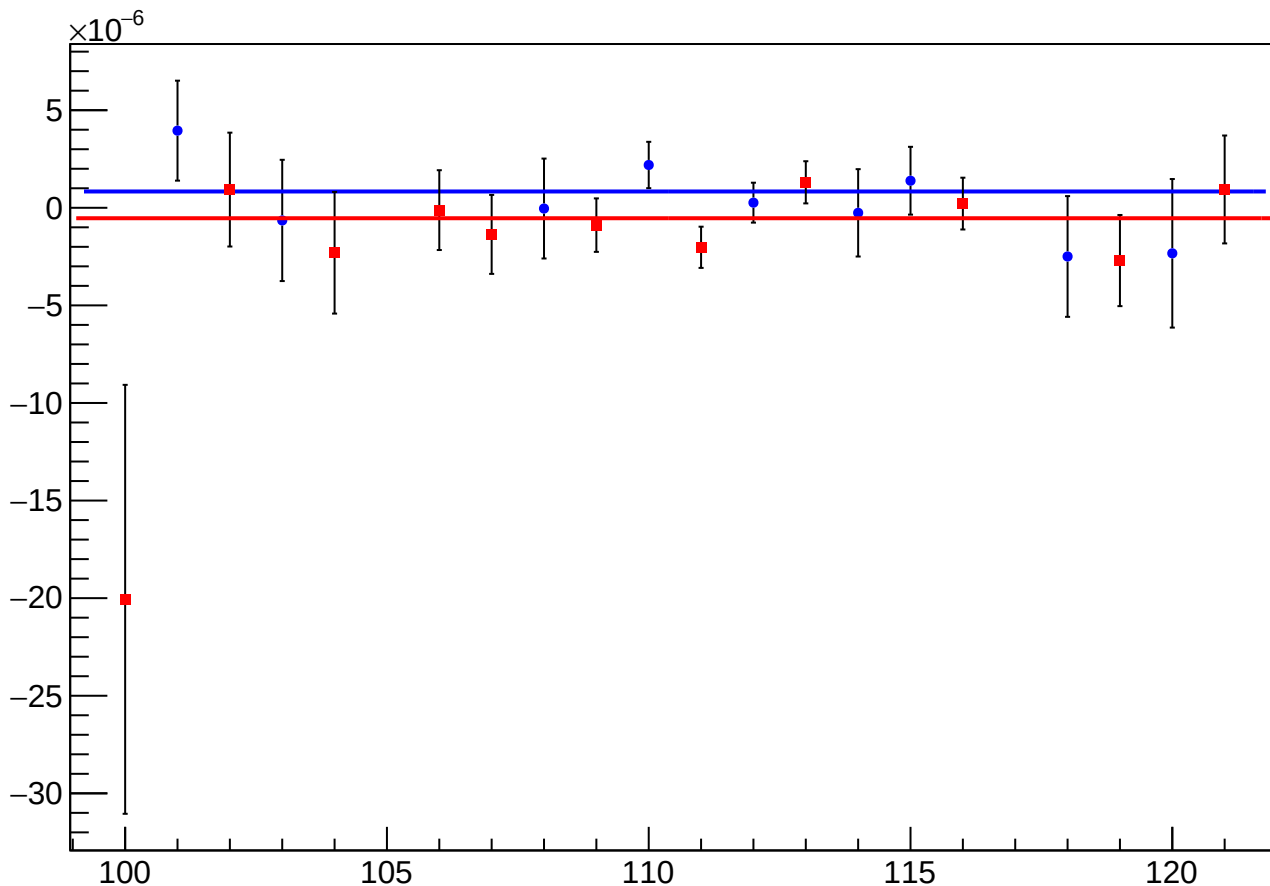
Right: 21.328+/-0.006 χ^2/NDF : 3160476.3/19

In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.328+/-0.006 χ^2/NDF : 3160476.3/19

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

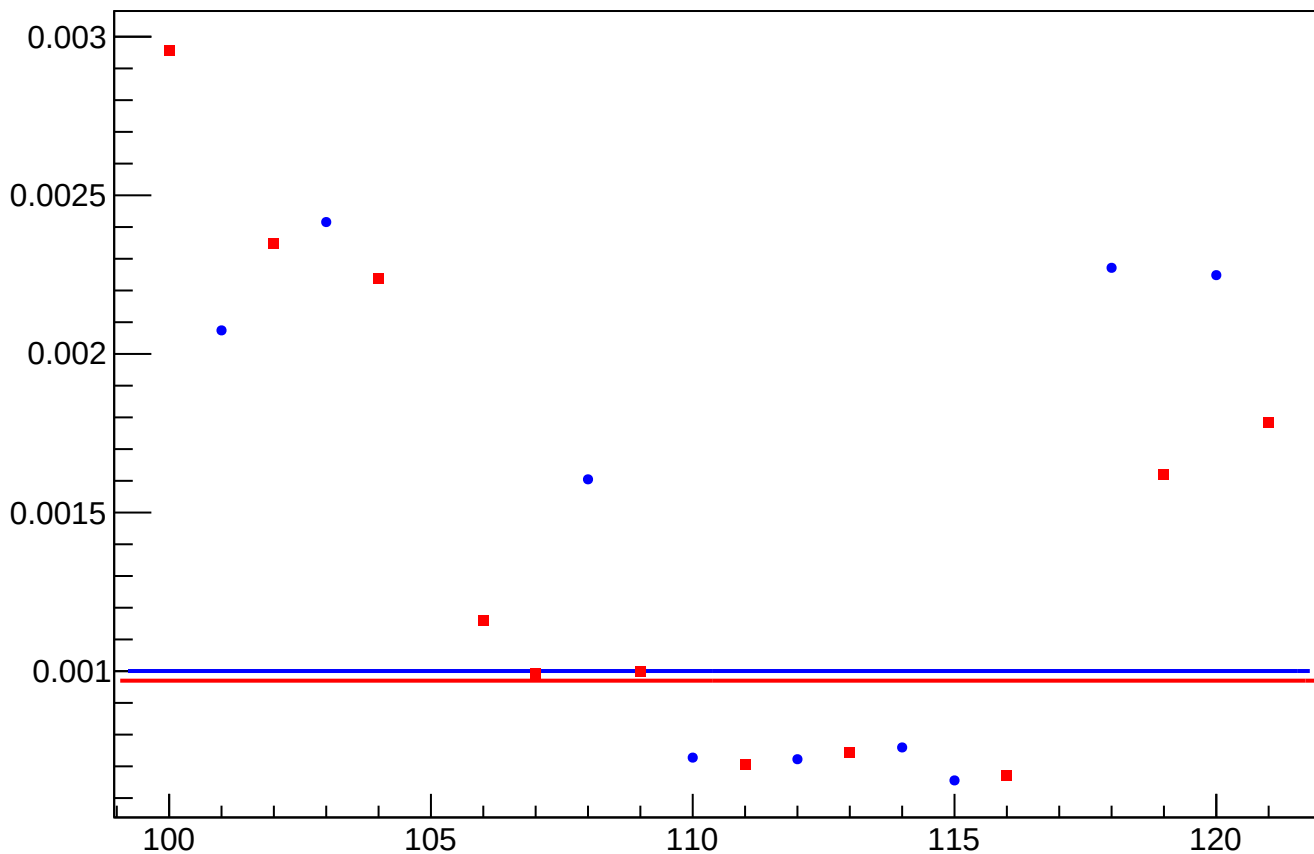
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/19

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1786499.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1504039.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

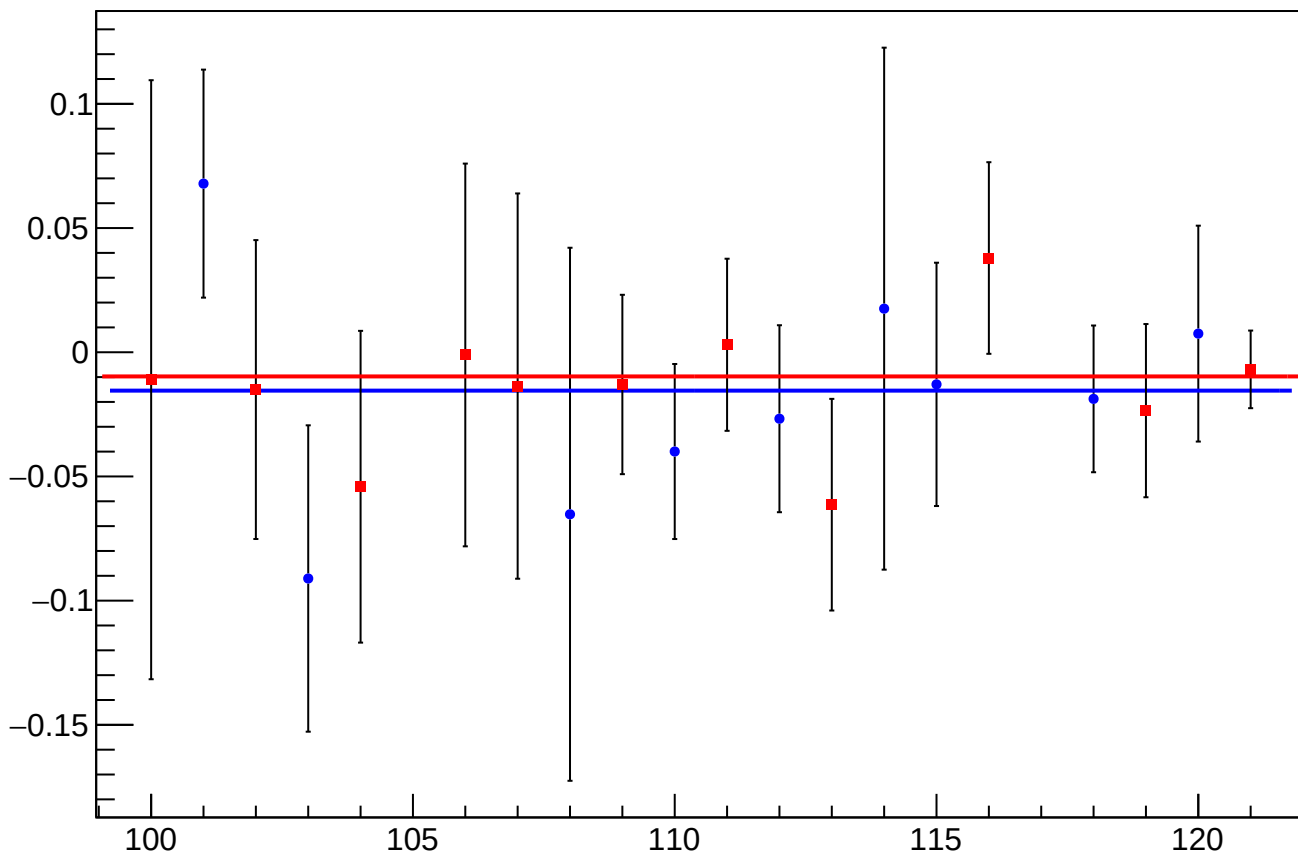
Right: 0.001+/-0.000 χ^2/NDF : 3293538.2/19

In: 0.001+/-0.000 χ^2/NDF :1786499.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3293538.2/19

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.015 χ^2/NDF : 6.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.011 χ^2/NDF : 3.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

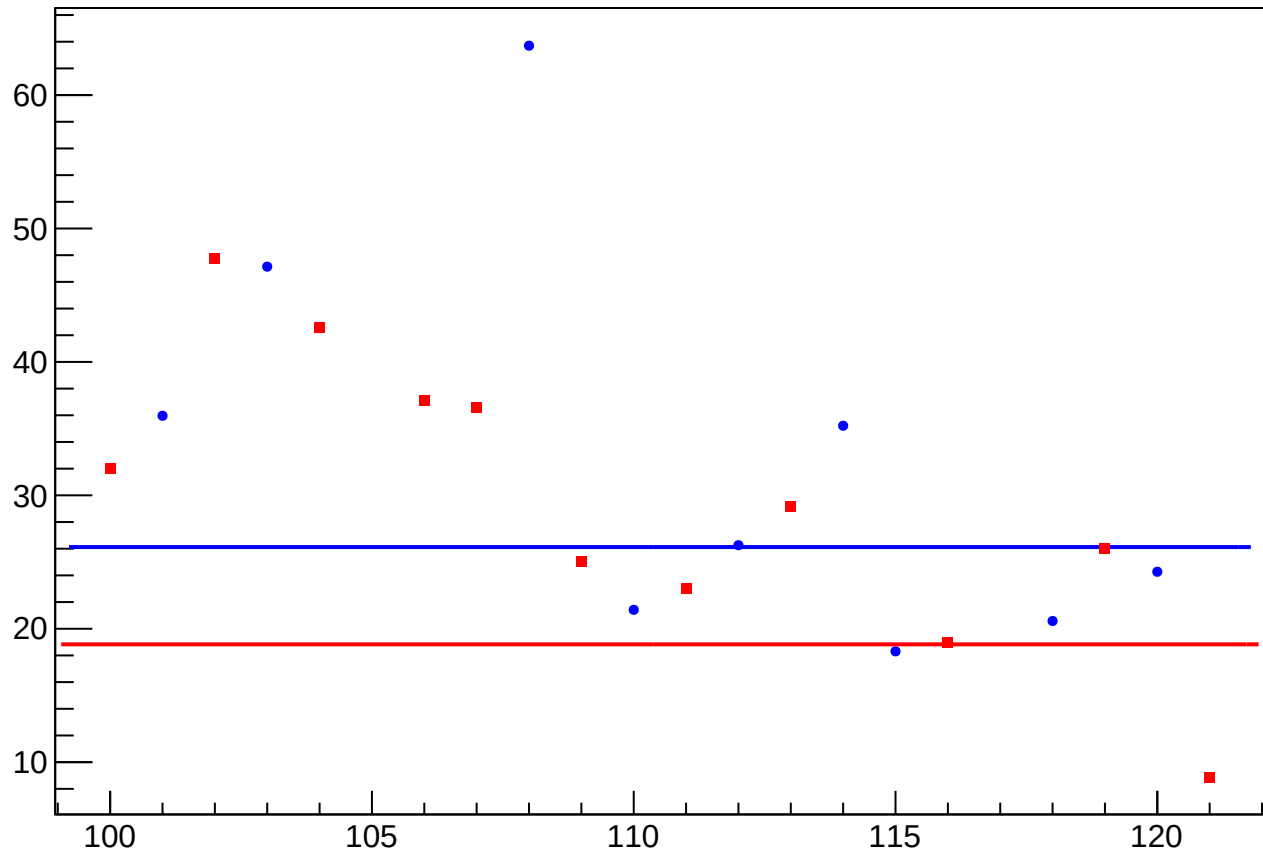
Right: -0.012 ± 0.009 χ^2/NDF : 9.9/19

In: -0.015 ± 0.015 χ^2/NDF : 6.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.009 χ^2/NDF : 9.9/19

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.831+/-0.008 χ^2/NDF : 2098845.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

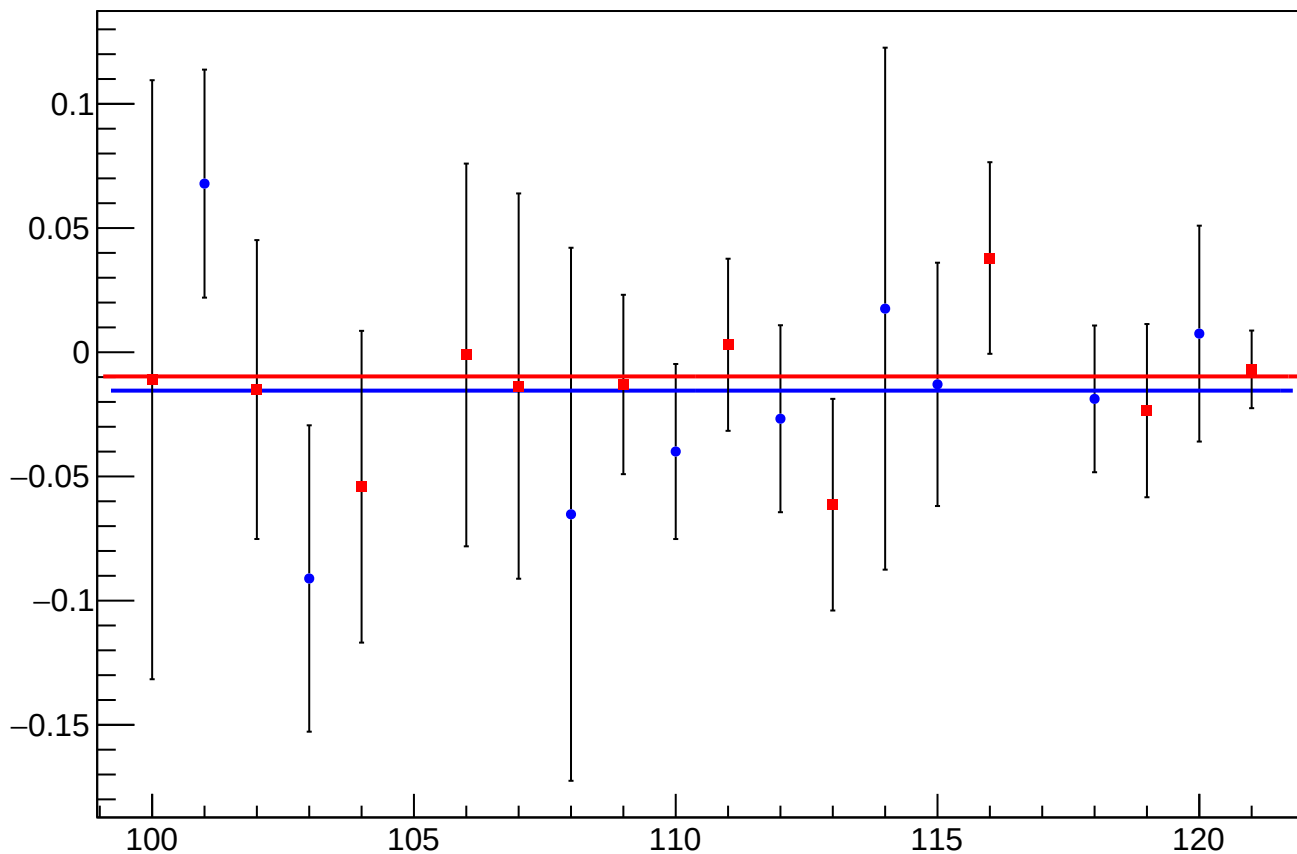
Right: 21.328+/-0.006 χ^2/NDF : 3160081.2/19

In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.328+/-0.006 χ^2/NDF : 3160081.2/19

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.015 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.011 χ^2/NDF : 3.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

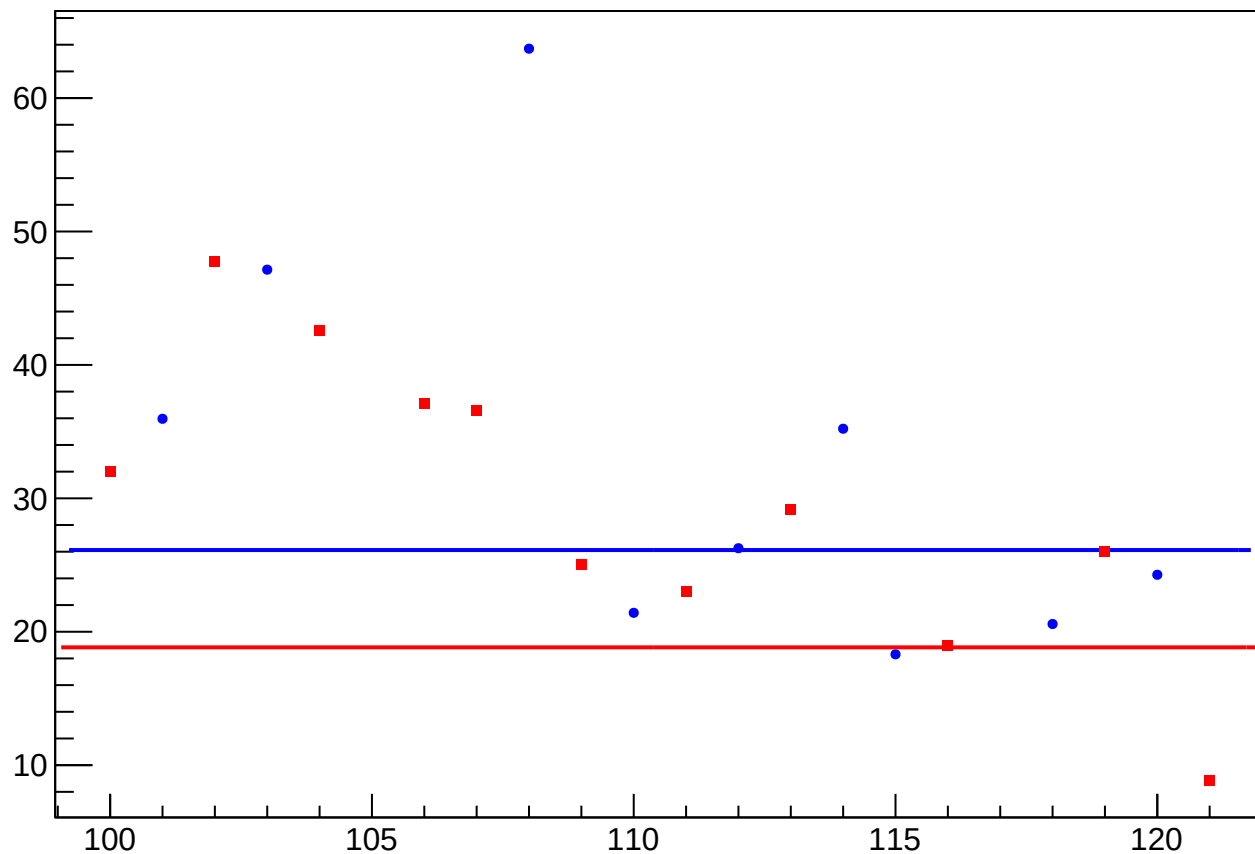
Right: -0.012+/-0.009 χ^2/NDF : 9.9/19

In: -0.015+/-0.015 χ^2/NDF :6.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.009 χ^2/NDF : 9.9/19

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.831+/-0.008 χ^2/NDF : 2098845.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

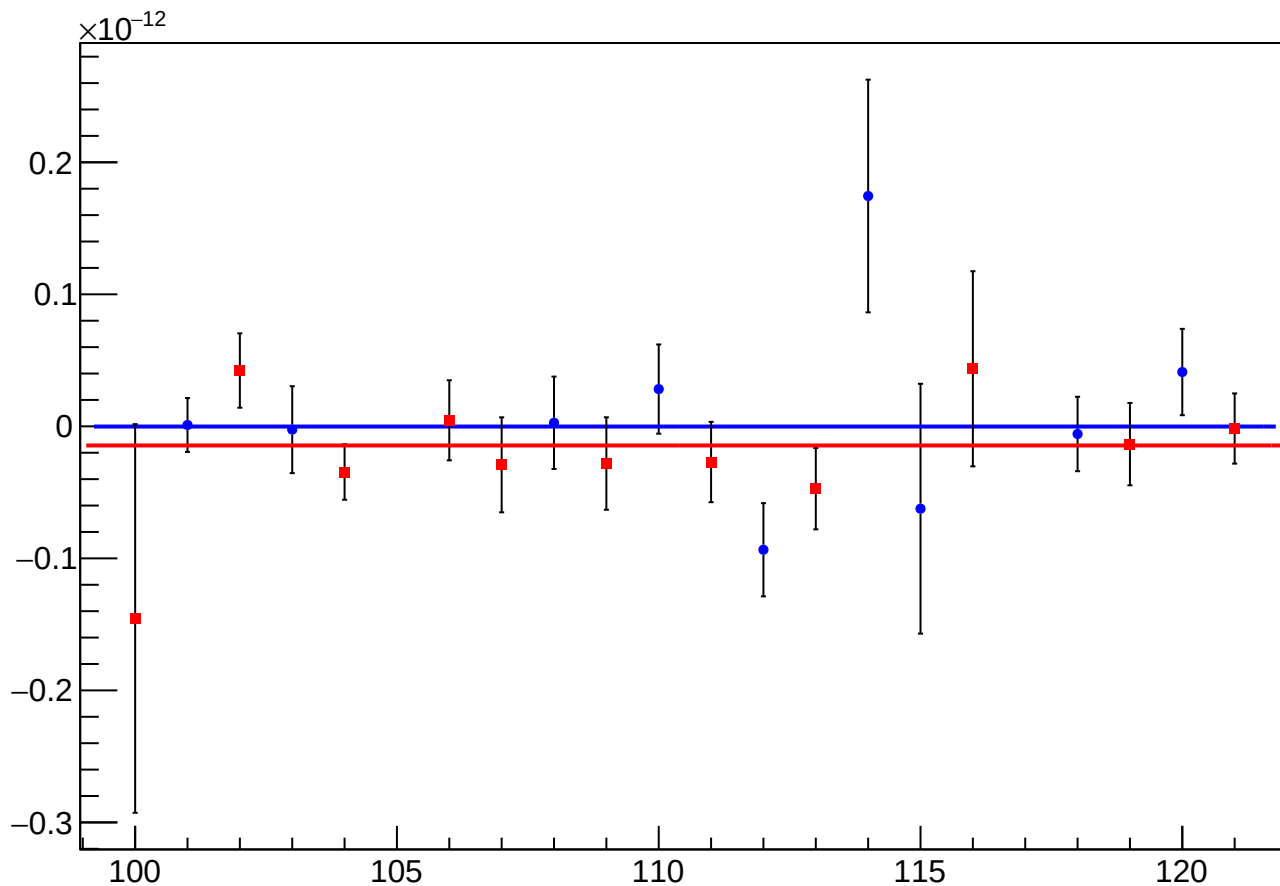
Right: 21.328+/-0.006 χ^2/NDF : 3160081.2/19

In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.328+/-0.006 χ^2/NDF : 3160081.2/19

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

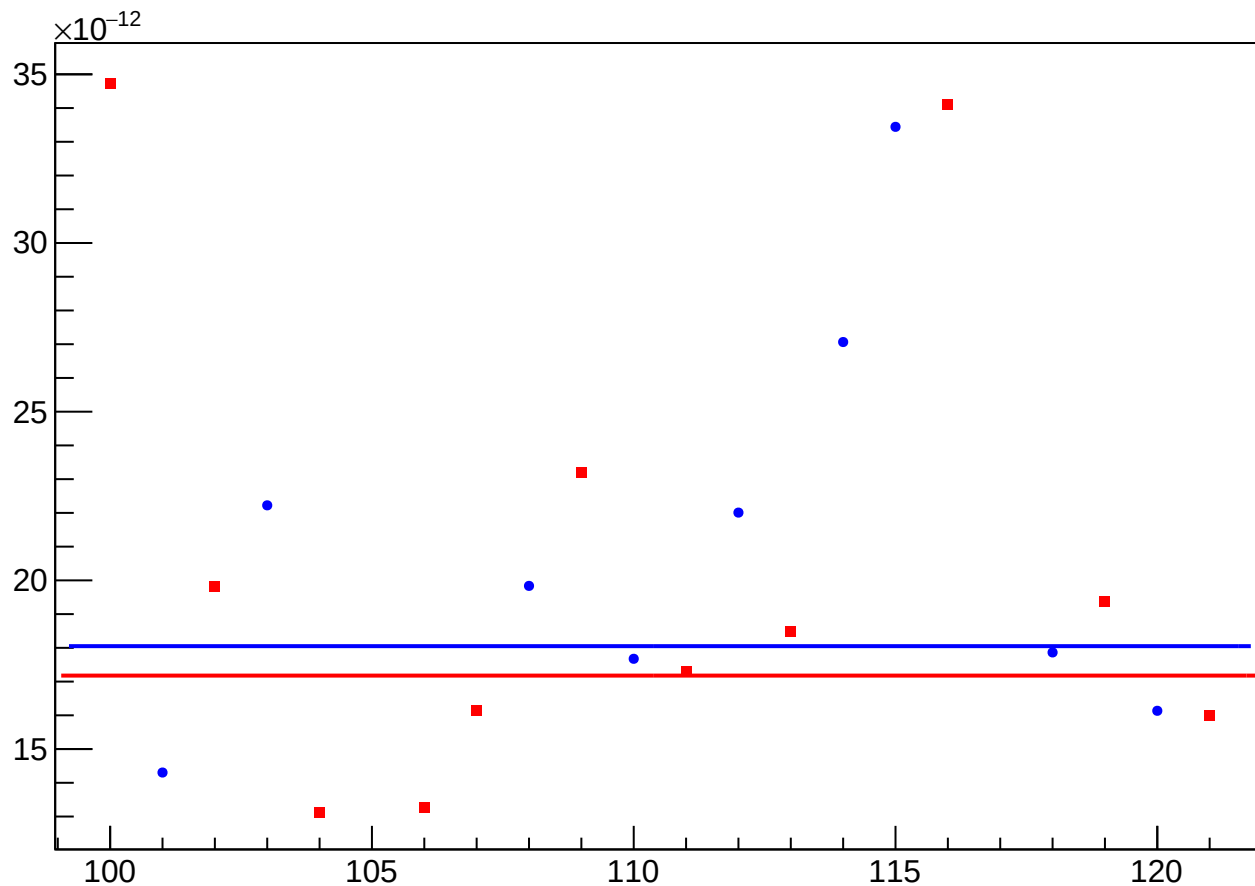
Right: -0.000+/-0.000 χ^2/NDF : 23.3/19

In: -0.000+/-0.000 χ^2/NDF : 13.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.3/19

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 211050.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 336624.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

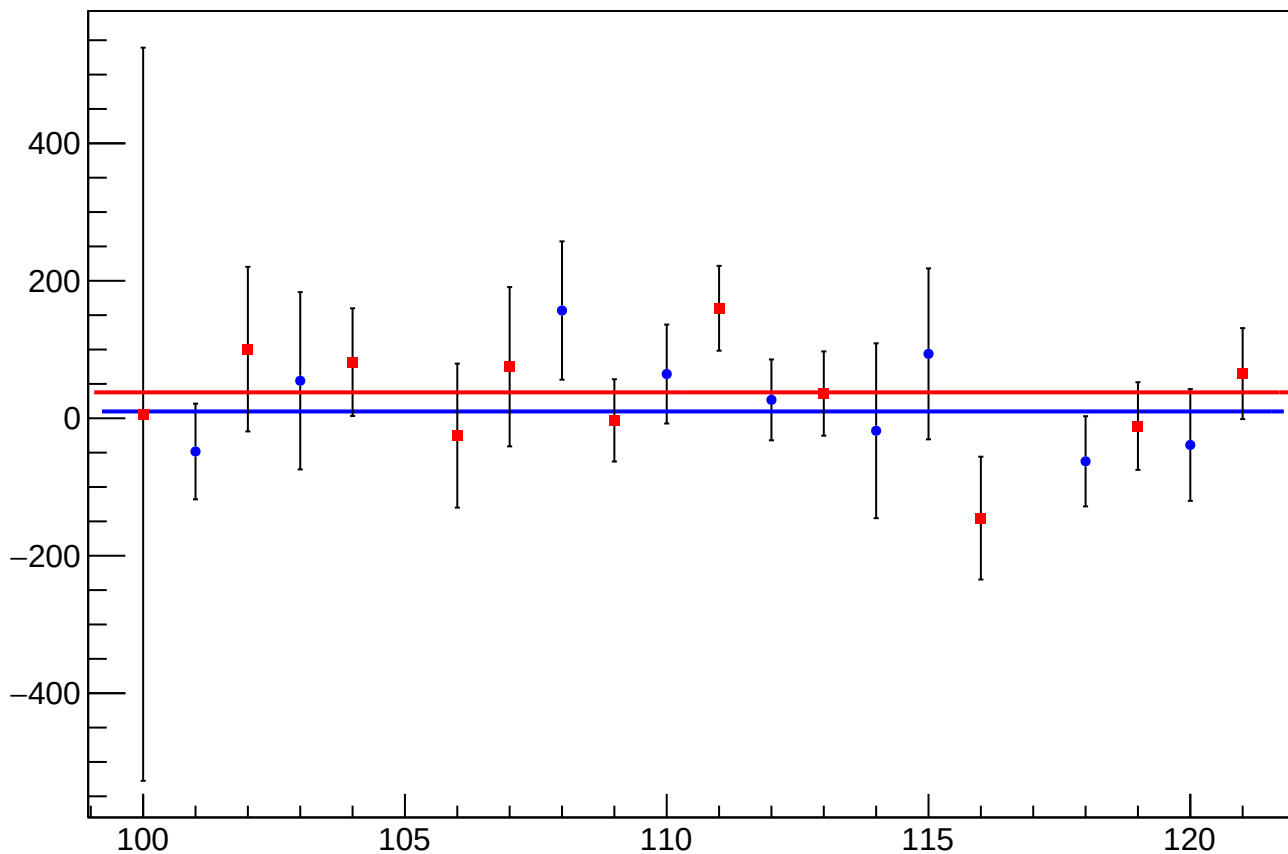
Right: 0.000+/-0.000 χ^2/NDF : 554861.6/19

In: 0.000+/-0.000 χ^2/NDF : 211050.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 554861.6/19

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 9.905+/-27.138 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.707+/-23.510 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

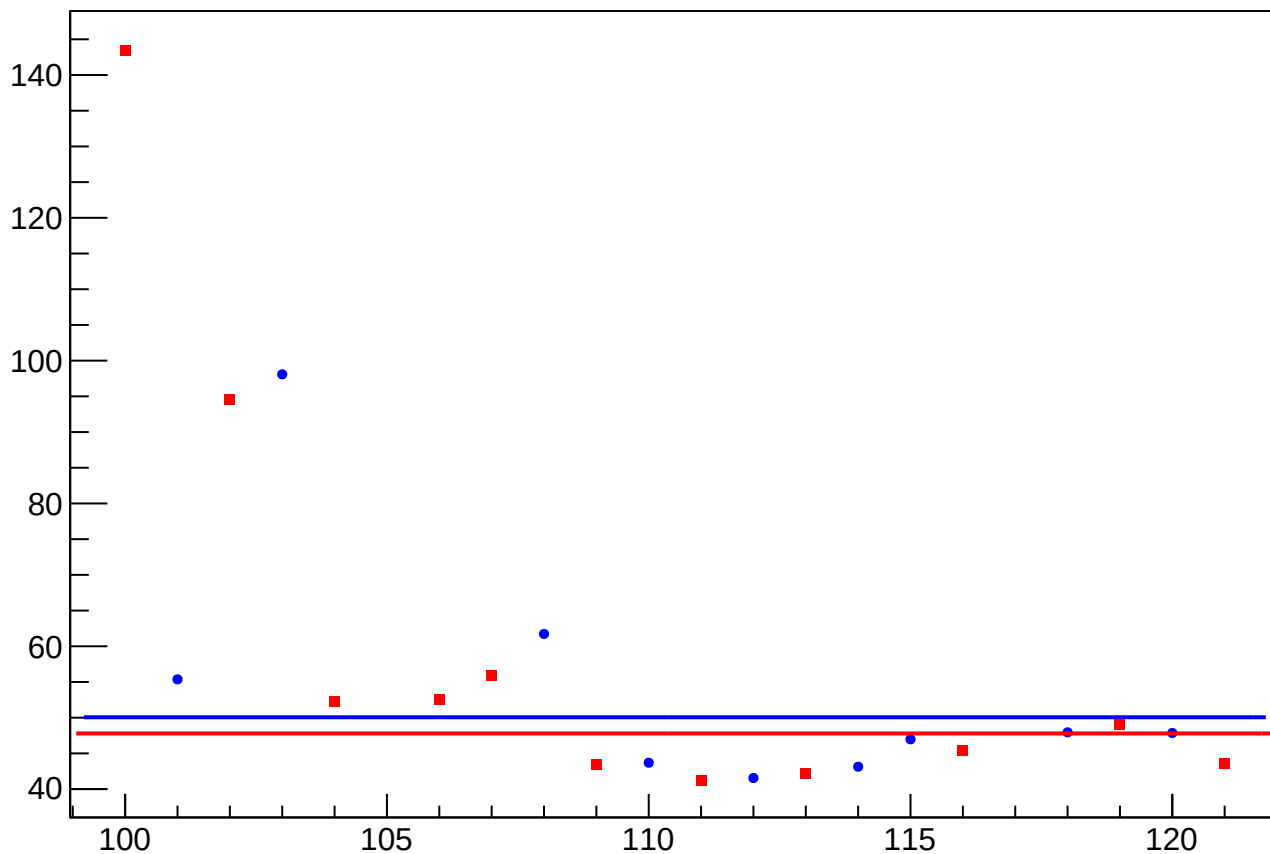
Right: 25.787+/-17.769 χ^2/NDF : 16.7/19

In: 9.905+/-27.138 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.787+/-17.769 χ^2/NDF : 16.7/19

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.057+/-0.019 χ^2/NDF : 384074.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.790+/-0.017 χ^2/NDF : 449742.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

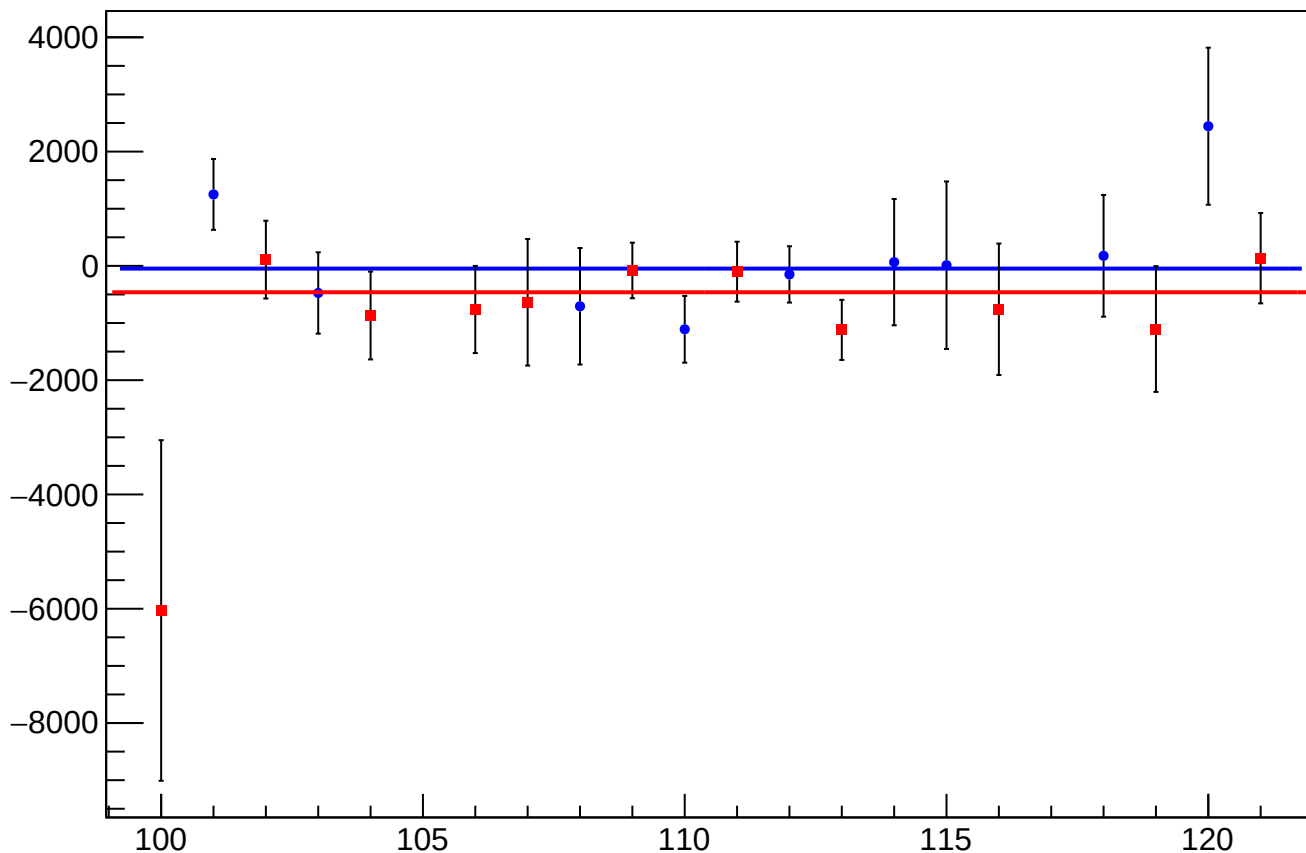
Right: 48.762+/-0.013 χ^2/NDF : 841792.2/19

In: 50.057+/-0.019 χ^2/NDF : 384074.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.762+/-0.013 χ^2/NDF : 841792.2/19

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.516+/-255.837 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -461.884+/-217.397 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

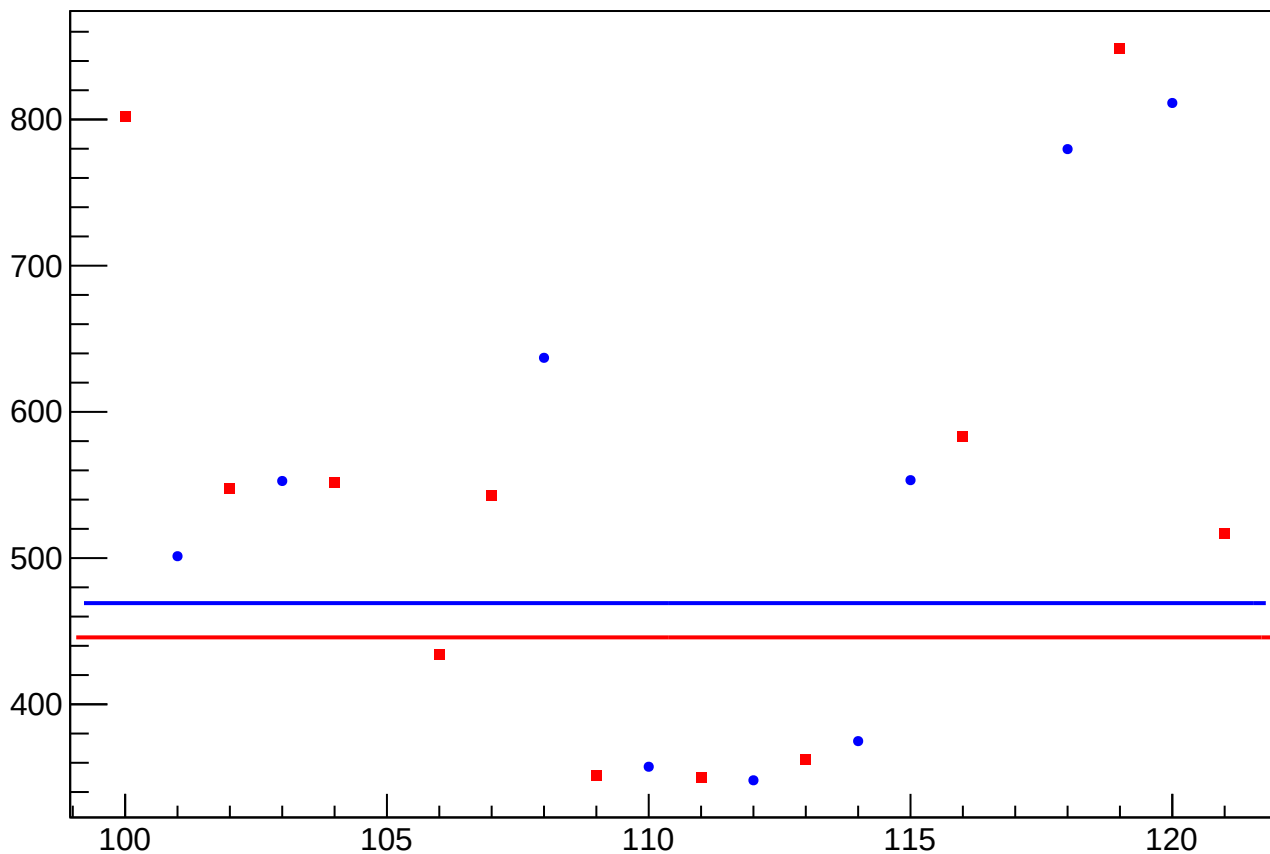
Right: -288.138+/-165.664 χ^2/NDF : 21.7/19

In: -47.516+/-255.837 χ^2/NDF :11.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -288.138+/-165.664 χ^2/NDF : 21.7/19

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 469.201+/-0.181 χ^2/NDF : 596426.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.772+/-0.154 χ^2/NDF : 631780.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

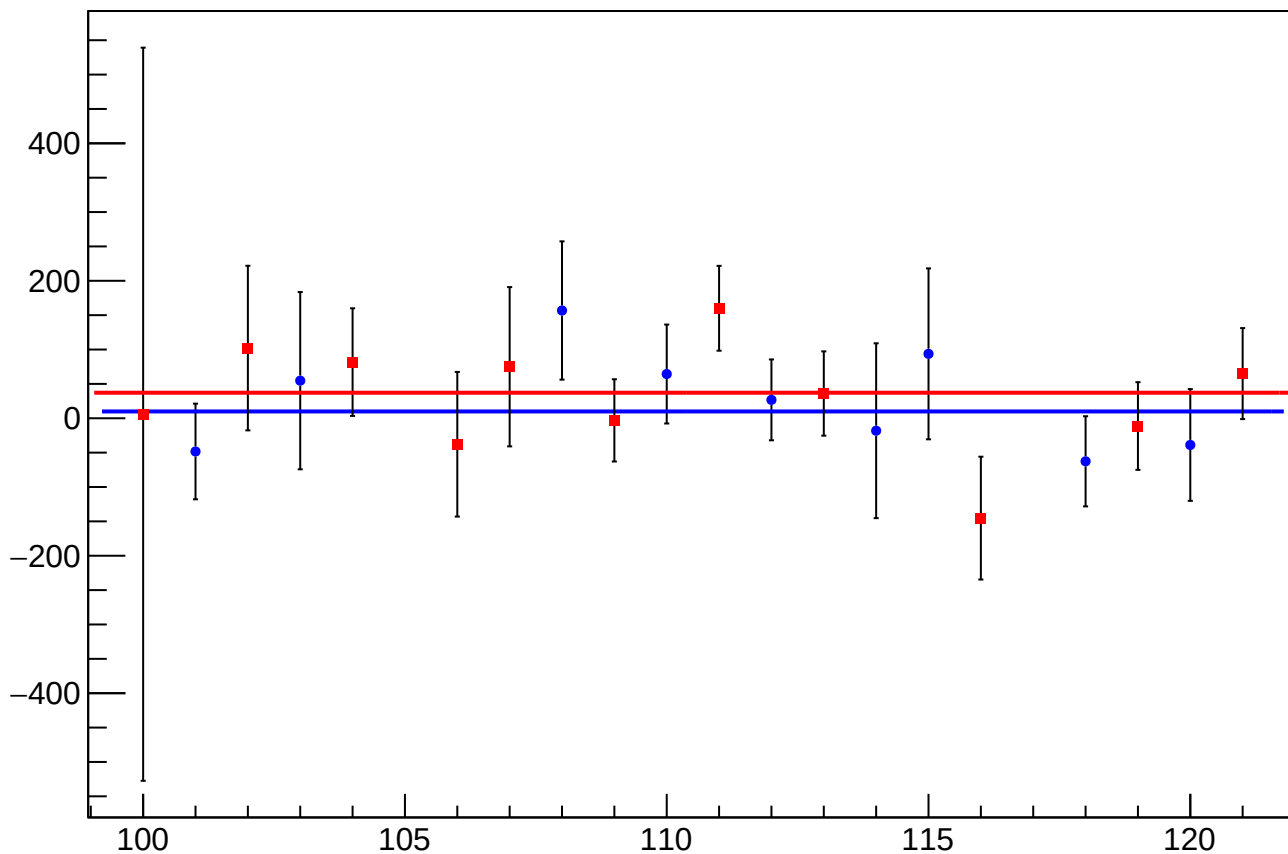
Right: 455.596+/-0.117 χ^2/NDF : 1237946.3/19

In: 469.201+/-0.181 χ^2/NDF : 596426.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.596+/-0.117 χ^2/NDF : 1237946.3/19

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 9.917 $\pm$ 27.138 χ^2 /NDF: 5.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.171 $\pm$ 23.515 χ^2 /NDF: 10.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

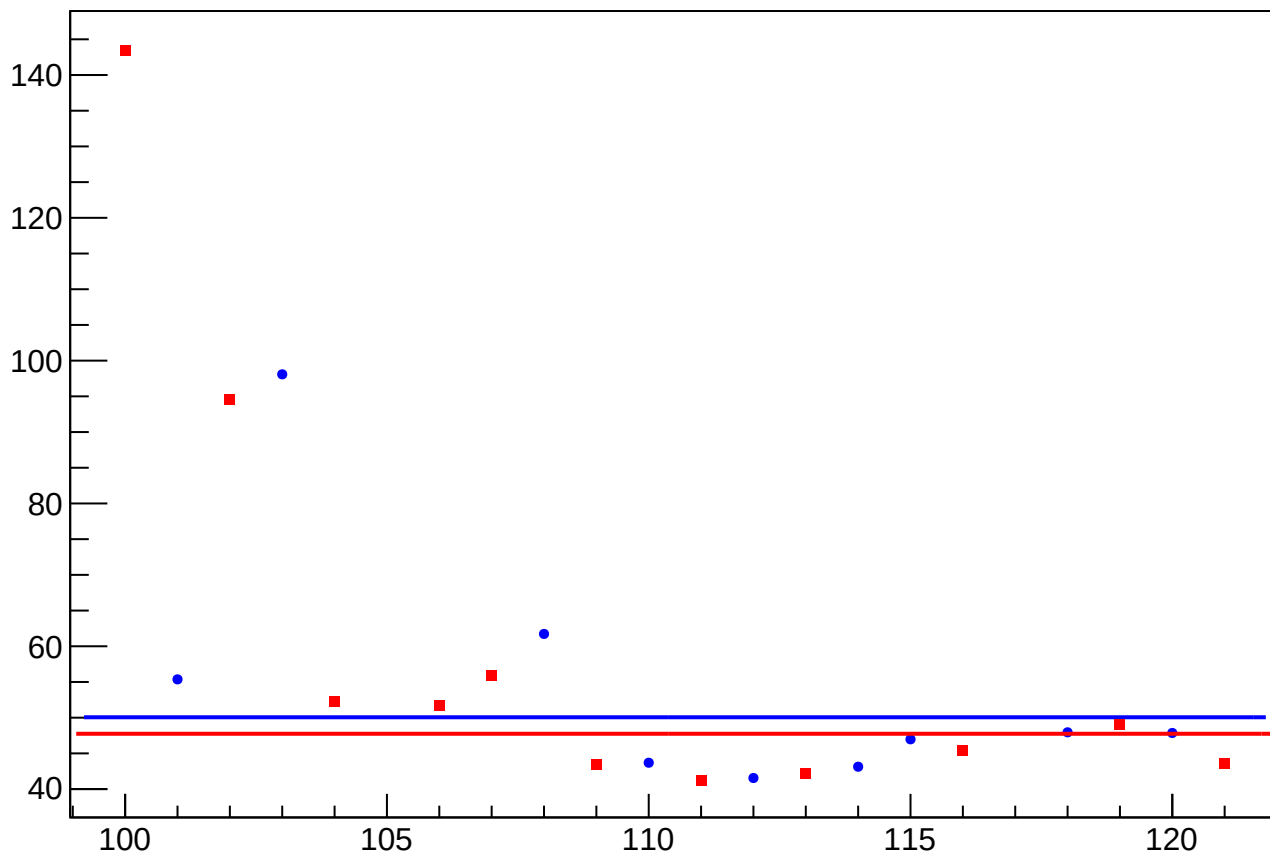
Right: 25.483 $\pm$ 17.772 χ^2 /NDF: 16.8/19

In: 9.917 $\pm$ 27.138 χ^2 /NDF:5.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.483 $\pm$ 17.772 χ^2 /NDF: 16.8/19

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.747+/-0.017 χ^2/NDF : 448662.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

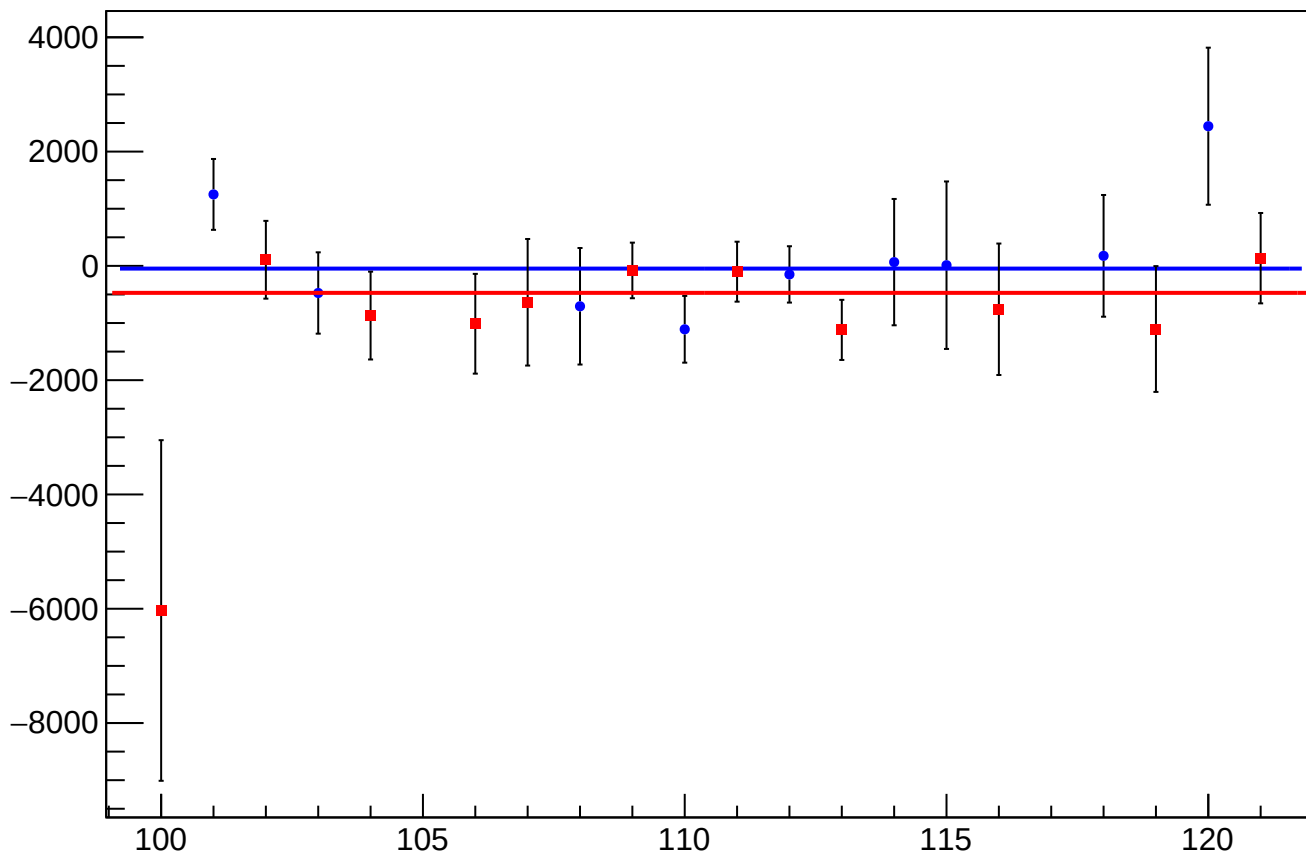
Right: 48.738+/-0.013 χ^2/NDF : 841019.3/19

In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.738+/-0.013 χ^2/NDF : 841019.3/19

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -472.157+/-219.533 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

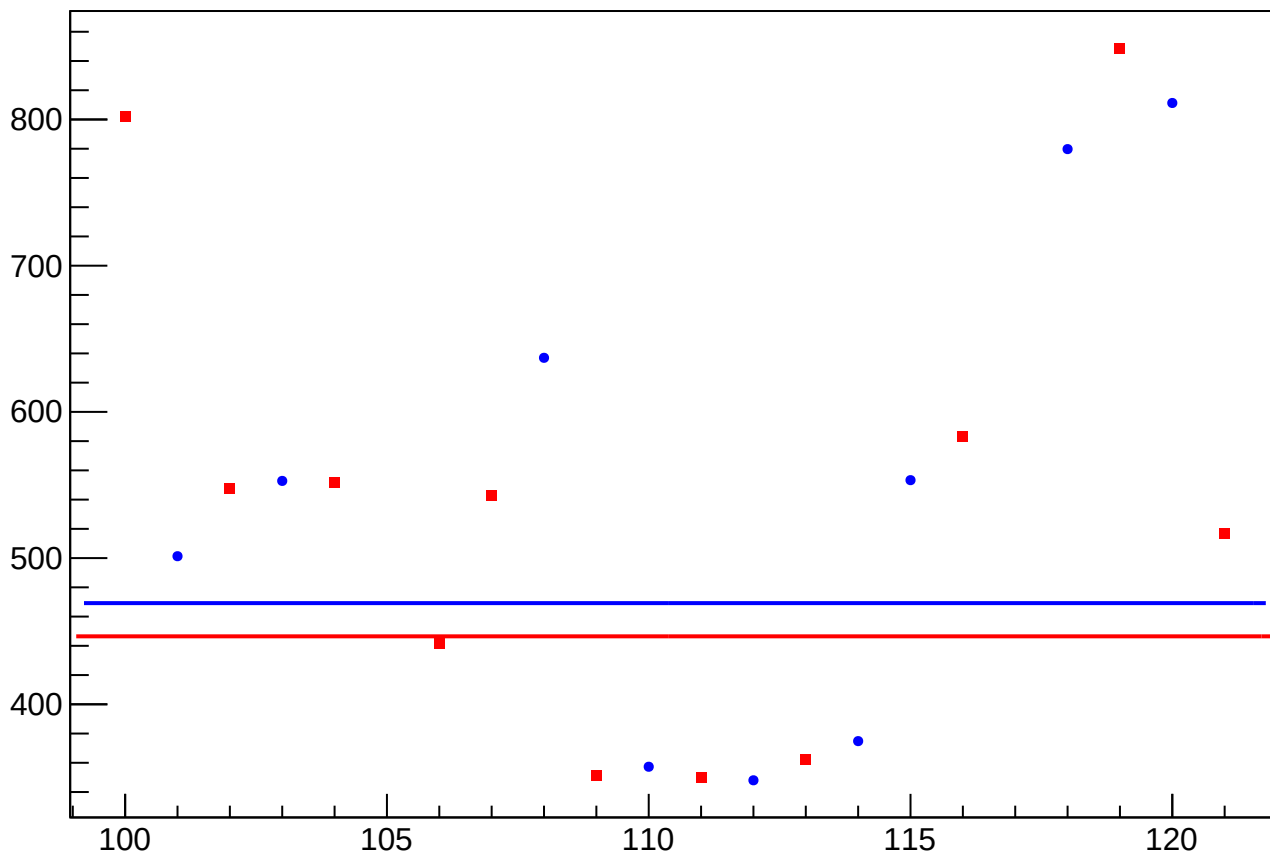
Right: -292.080+/-166.604 χ^2/NDF : 22.0/19

In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -292.080+/-166.604 χ^2/NDF : 22.0/19

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.488+/-0.155 χ^2/NDF : 631630.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

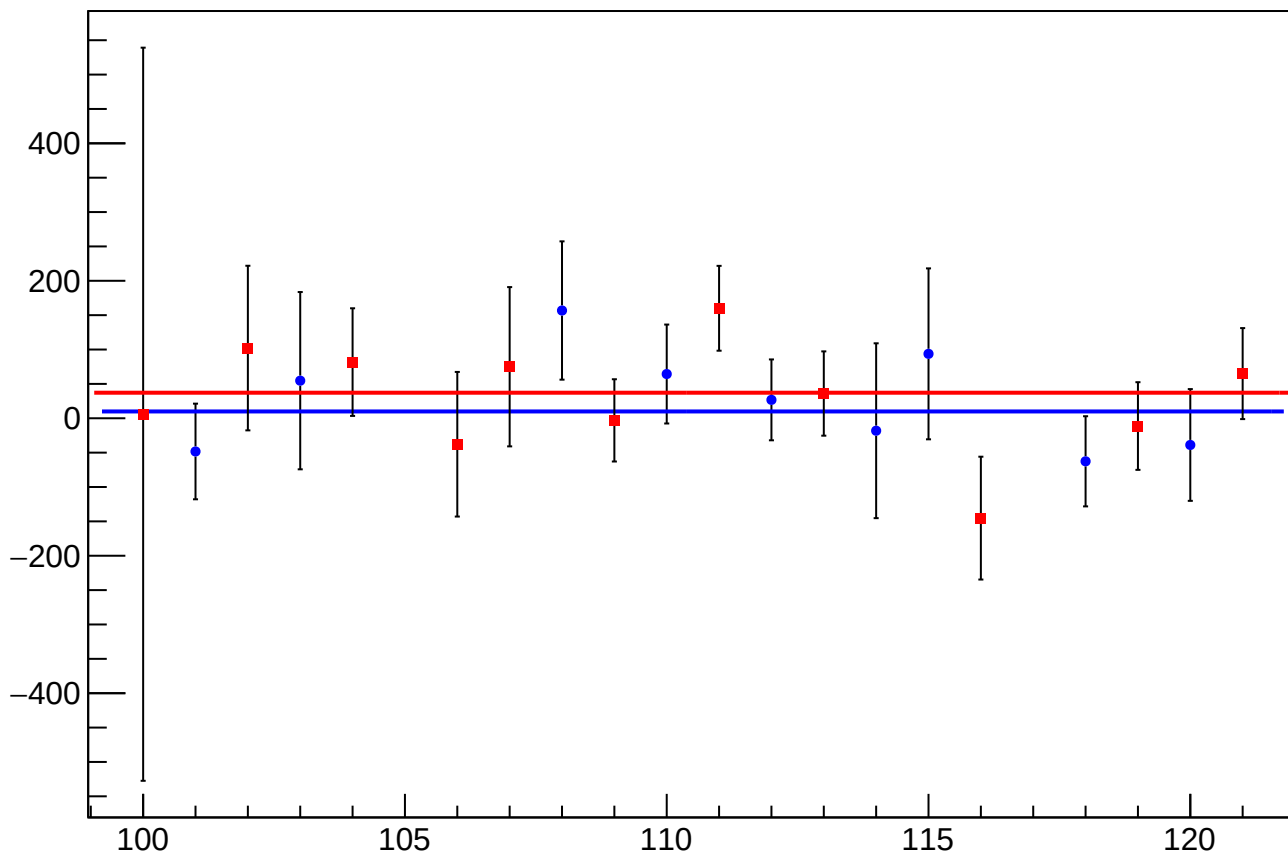
Right: 456.121+/-0.118 χ^2/NDF : 1237170.3/19

In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.121+/-0.118 χ^2/NDF : 1237170.3/19

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 9.917+/-27.138 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.171+/-23.515 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

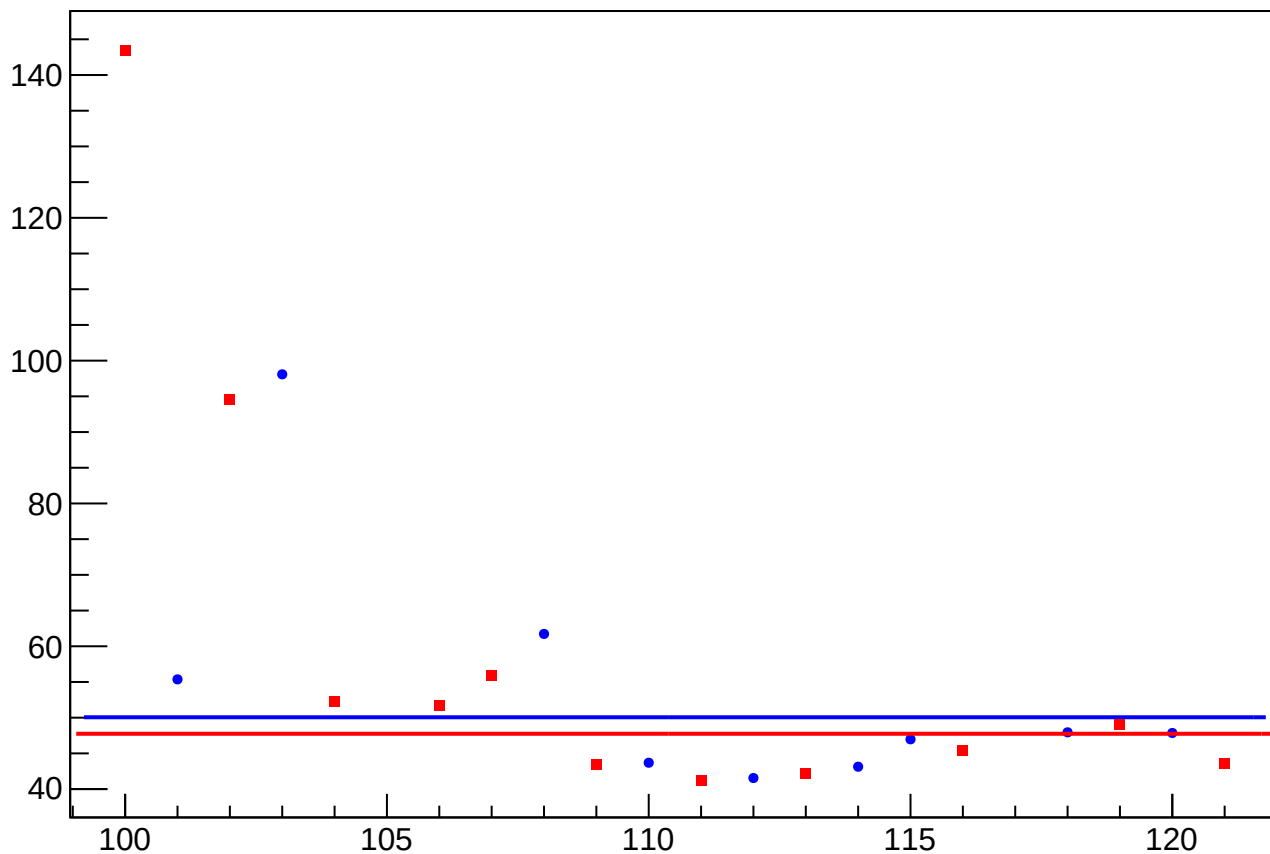
Right: 25.483+/-17.772 χ^2/NDF : 16.8/19

In: 9.917+/-27.138 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.483+/-17.772 χ^2/NDF : 16.8/19

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.747+/-0.017 χ^2/NDF : 448662.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

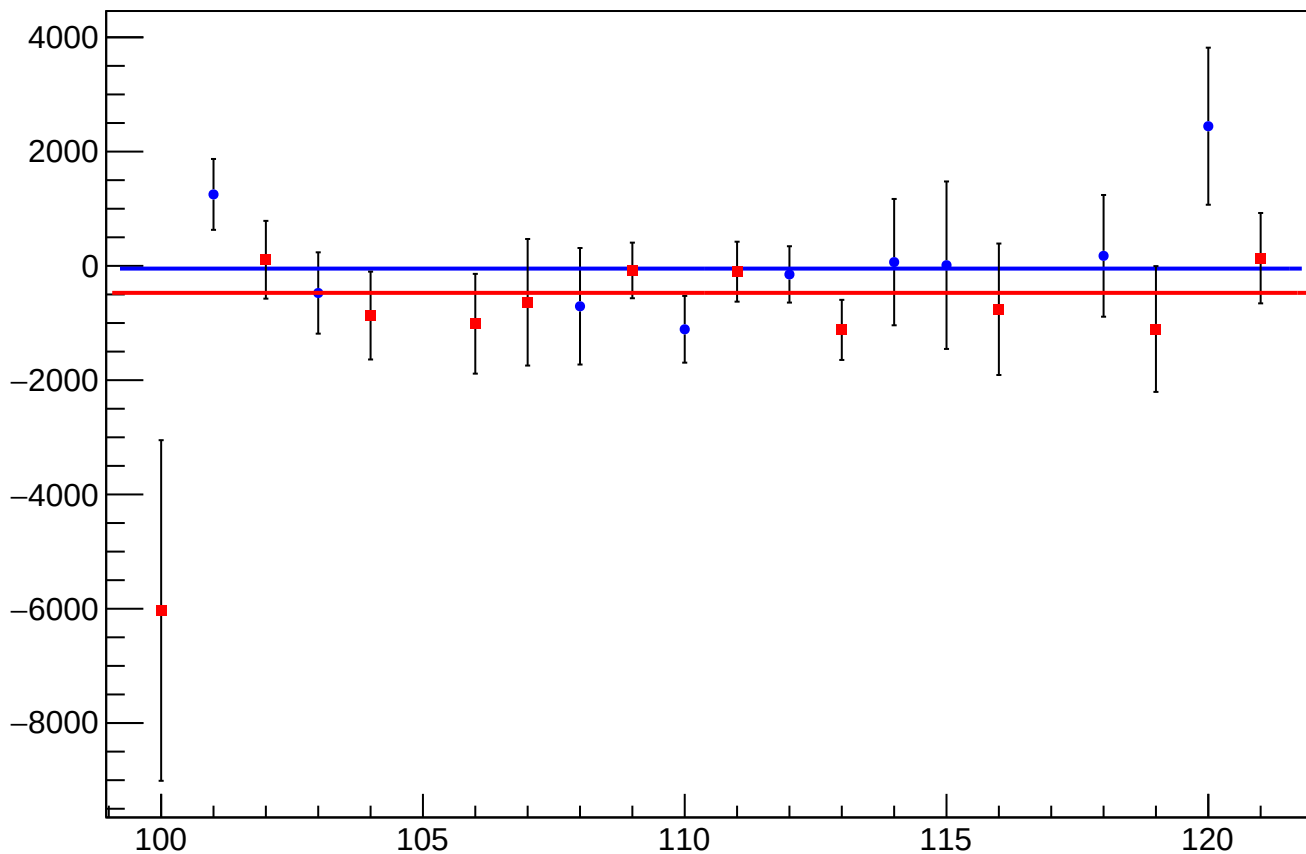
Right: 48.738+/-0.013 χ^2/NDF : 841019.3/19

In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.738+/-0.013 χ^2/NDF : 841019.3/19

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -472.157+/-219.533 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

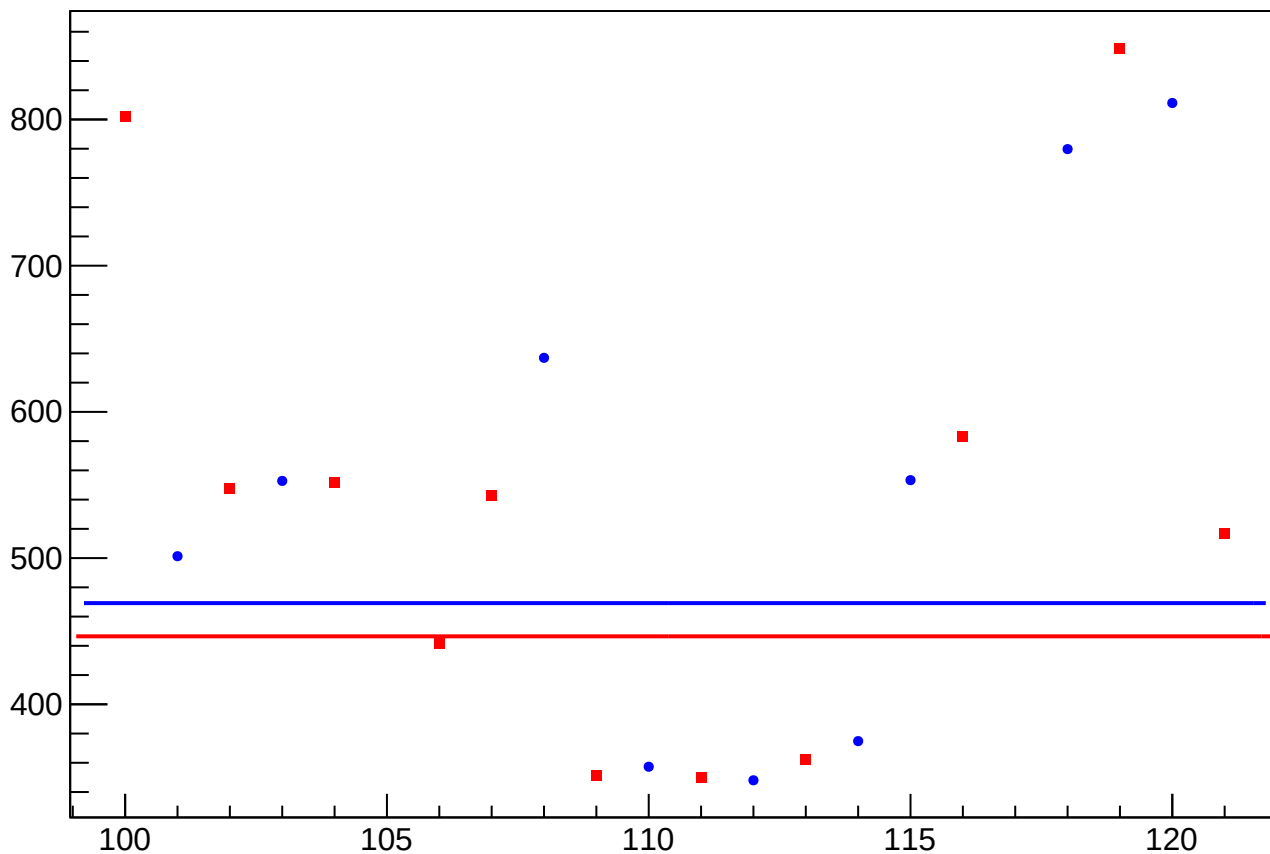
Right: -292.080+/-166.604 χ^2/NDF : 22.0/19

In: -47.513+/-255.840 χ^2/NDF :11.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -292.080+/-166.604 χ^2/NDF : 22.0/19

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.488+/-0.155 χ^2/NDF : 631630.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

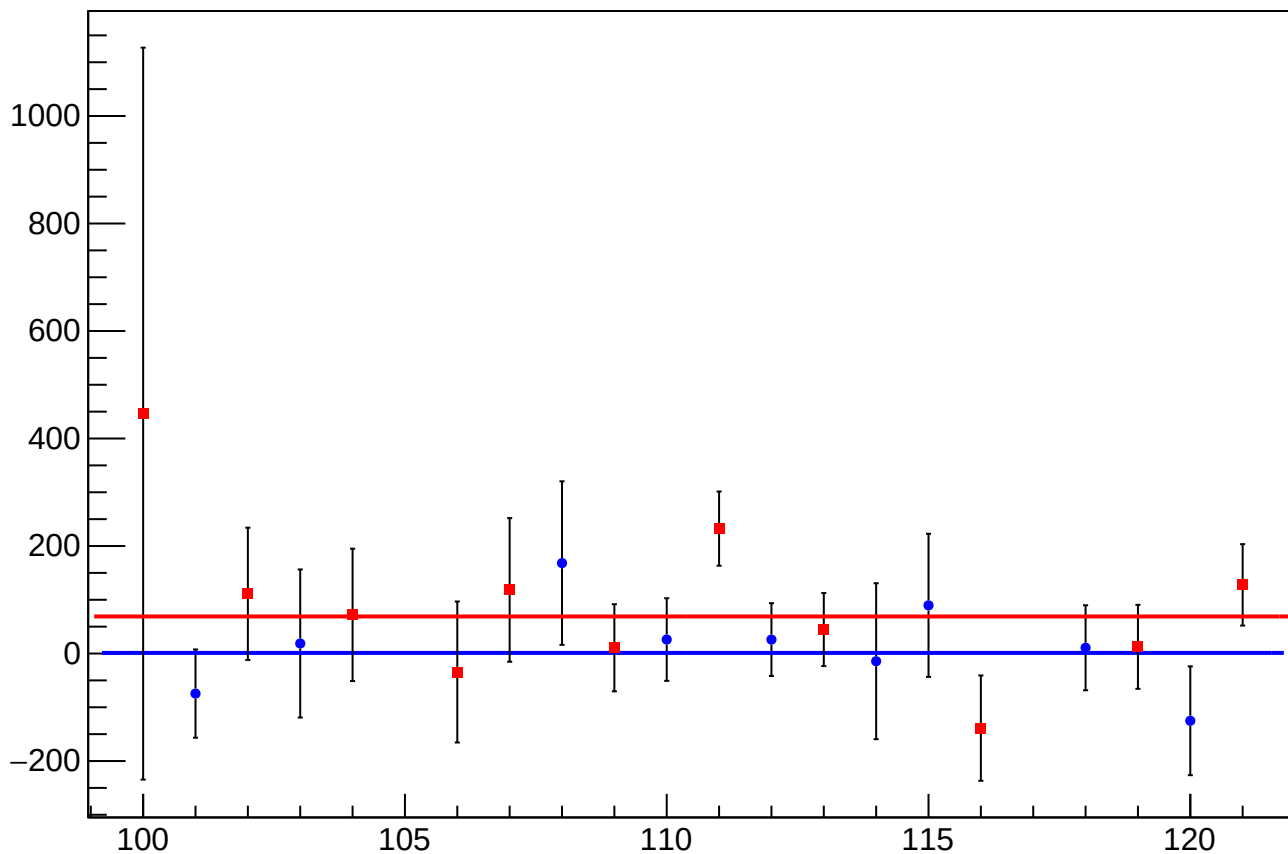
Right: 456.121+/-0.118 χ^2/NDF : 1237170.3/19

In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.121+/-0.118 χ^2/NDF : 1237170.3/19

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.956+/-28.066 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

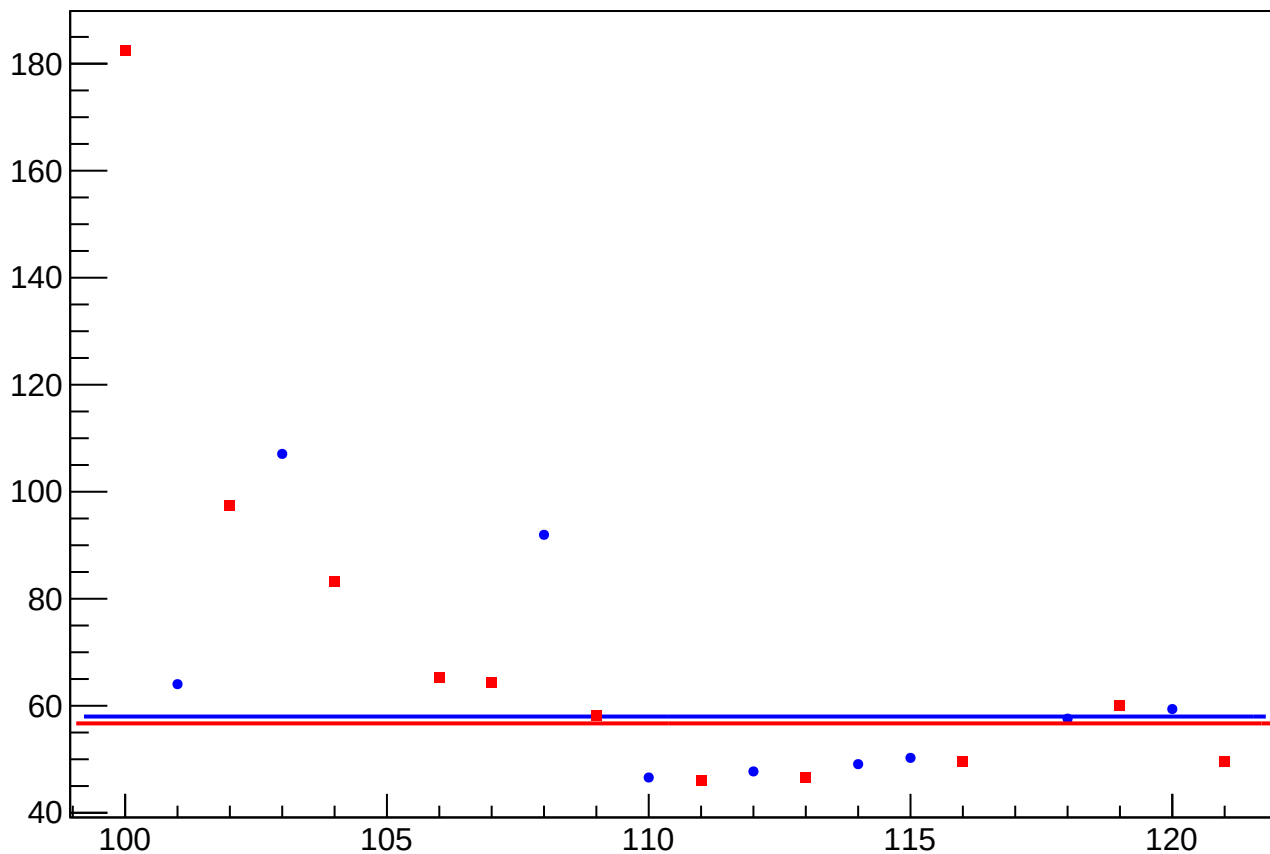
Right: 39.184+/-21.022 χ^2/NDF : 20.0/19

In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.184+/-21.022 χ^2/NDF : 20.0/19

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.988 $\pm$ 0.022 χ^2 /NDF: 468983.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.704 $\pm$ 0.020 χ^2 /NDF: 517950.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

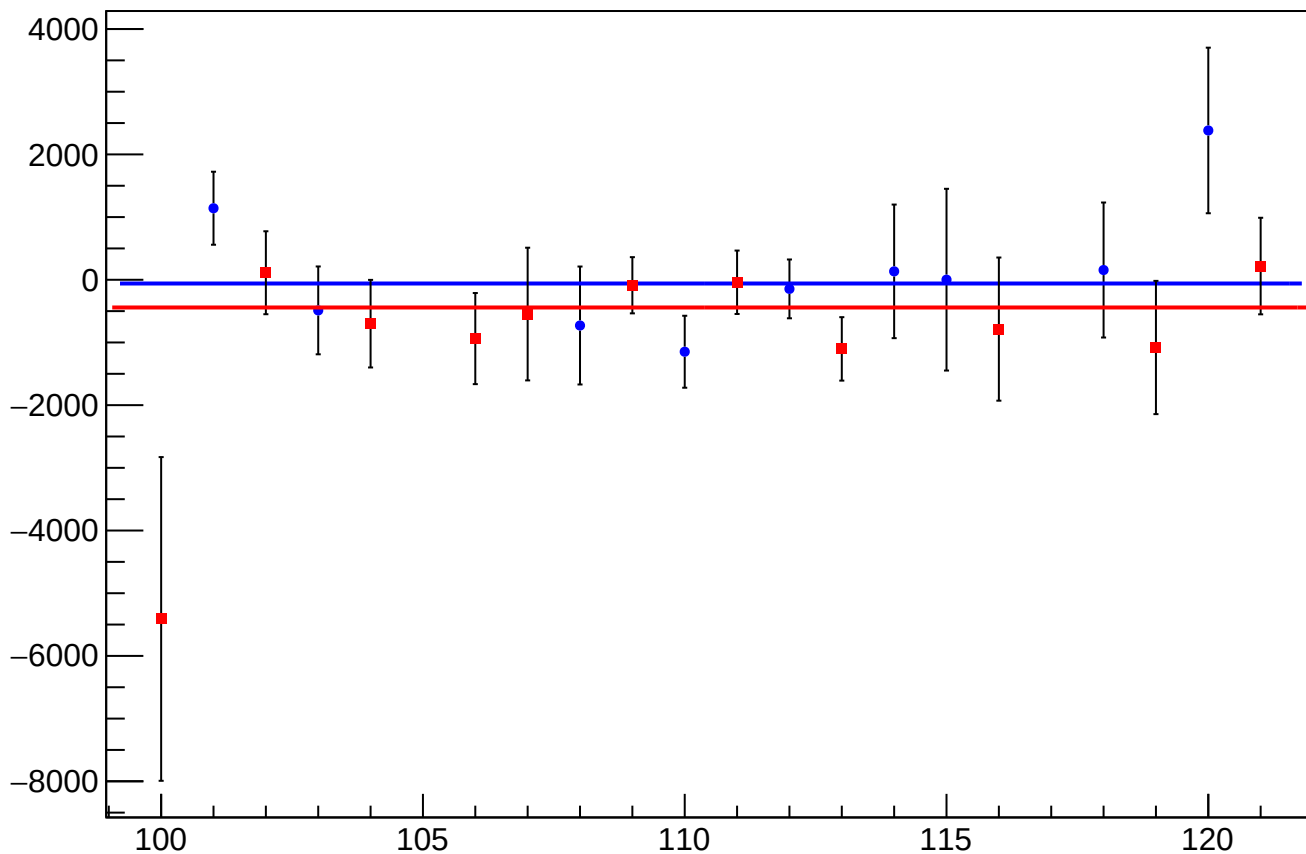
Right: 57.267 $\pm$ 0.015 χ^2 /NDF: 988772.7/19

In: 57.988 $\pm$ 0.022 χ^2 /NDF:468983.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.267 $\pm$ 0.015 χ^2 /NDF: 988772.7/19

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -59.406 $\pm$ 246.276 χ^2 /NDF: 12.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -441.938 $\pm$ 206.740 χ^2 /NDF: 9.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

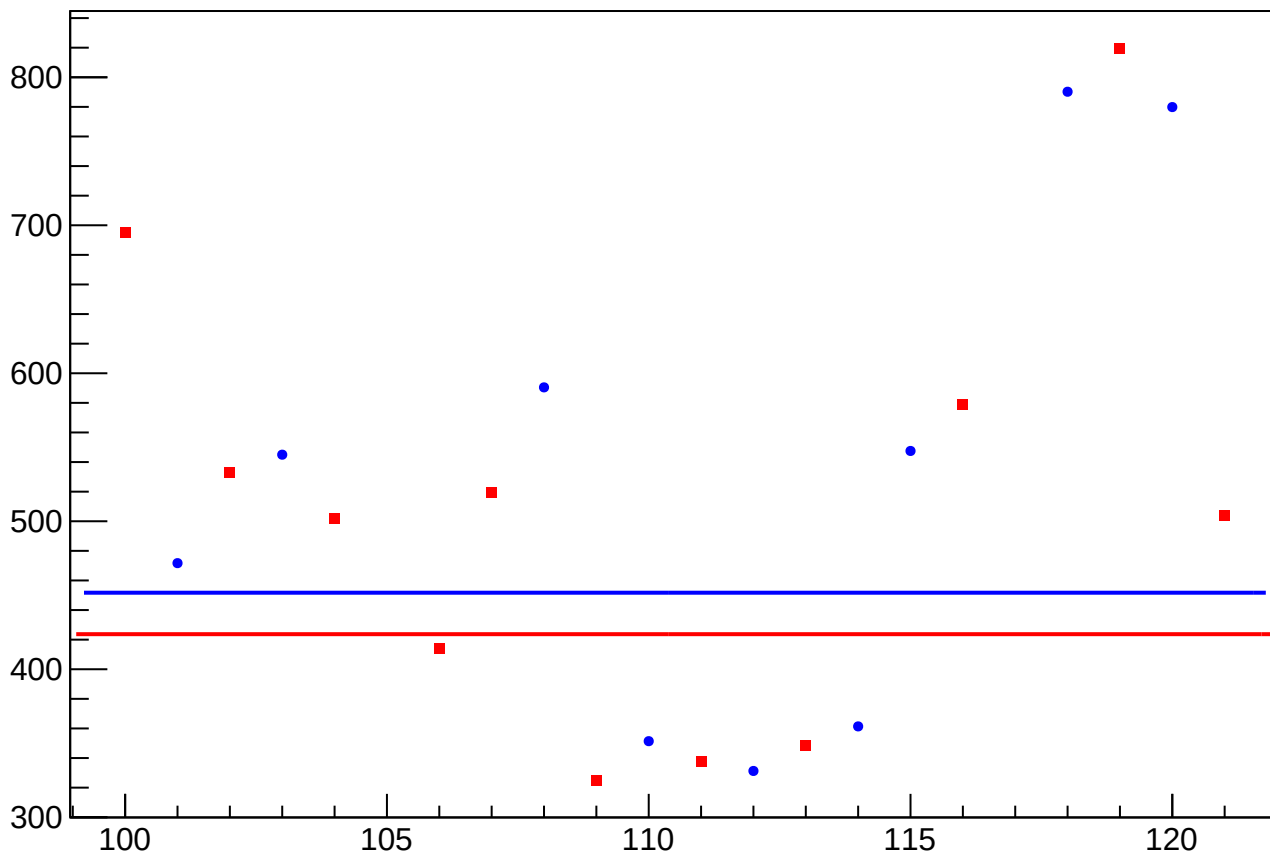
Right: -283.805 $\pm$ 158.344 χ^2 /NDF: 22.8/19

In: -59.406 $\pm$ 246.276 χ^2 /NDF:12.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -283.805 $\pm$ 158.344 χ^2 /NDF: 22.8/19

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 451.719+/-0.174 χ^2/NDF : 618463.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.698+/-0.146 χ^2/NDF : 652837.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

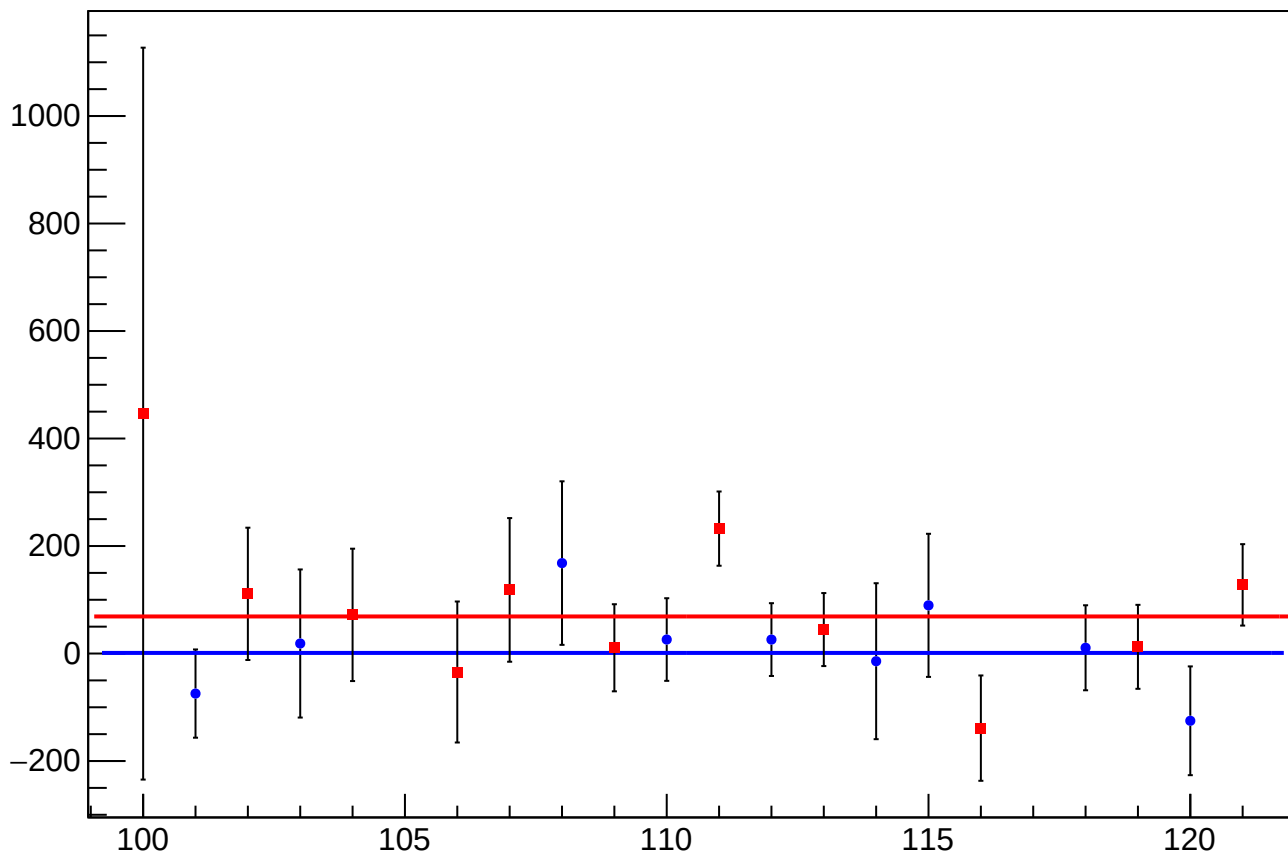
Right: 435.282+/-0.112 χ^2/NDF : 1286488.7/19

In: 451.719+/-0.174 χ^2/NDF : 618463.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.282+/-0.112 χ^2/NDF : 1286488.7/19

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.957+/-28.066 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

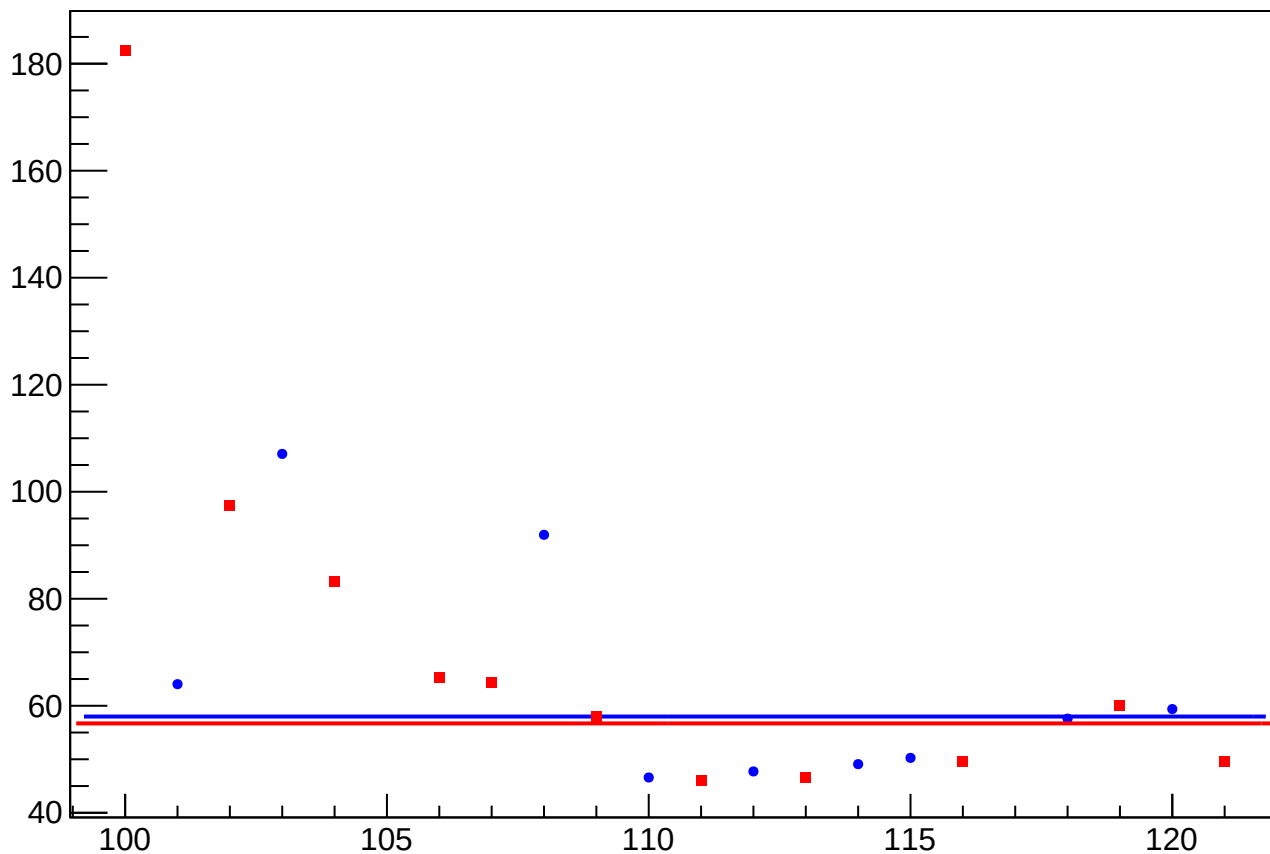
Right: 39.185+/-21.022 χ^2/NDF : 20.0/19

In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.185+/-21.022 χ^2/NDF : 20.0/19

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.988+/-0.022 χ^2/NDF : 468980.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.704+/-0.020 χ^2/NDF : 517946.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

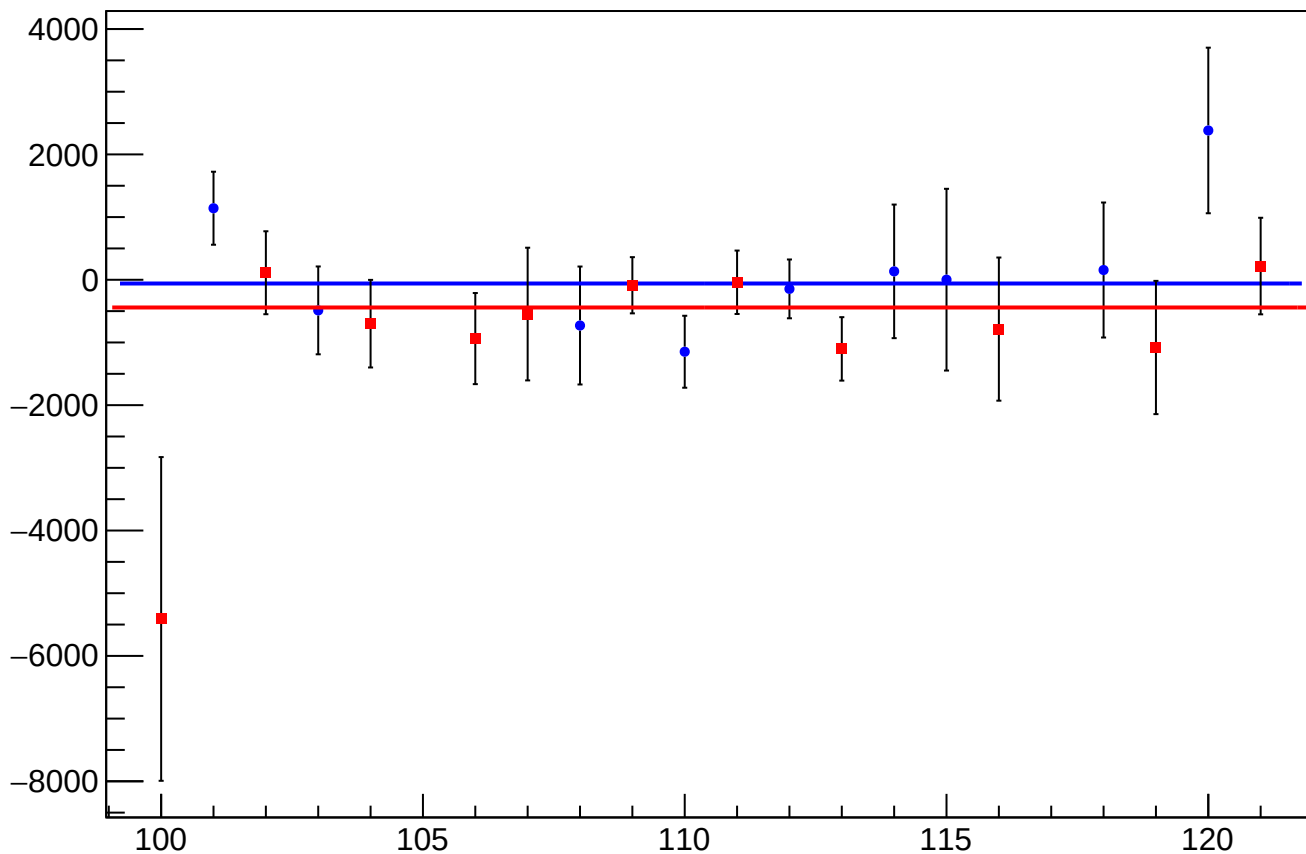
Right: 57.268+/-0.015 χ^2/NDF : 988764.7/19

In: 57.988+/-0.022 χ^2/NDF : 468980.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.268+/-0.015 χ^2/NDF : 988764.7/19

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -59.406+/-246.276 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -441.937+/-206.740 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

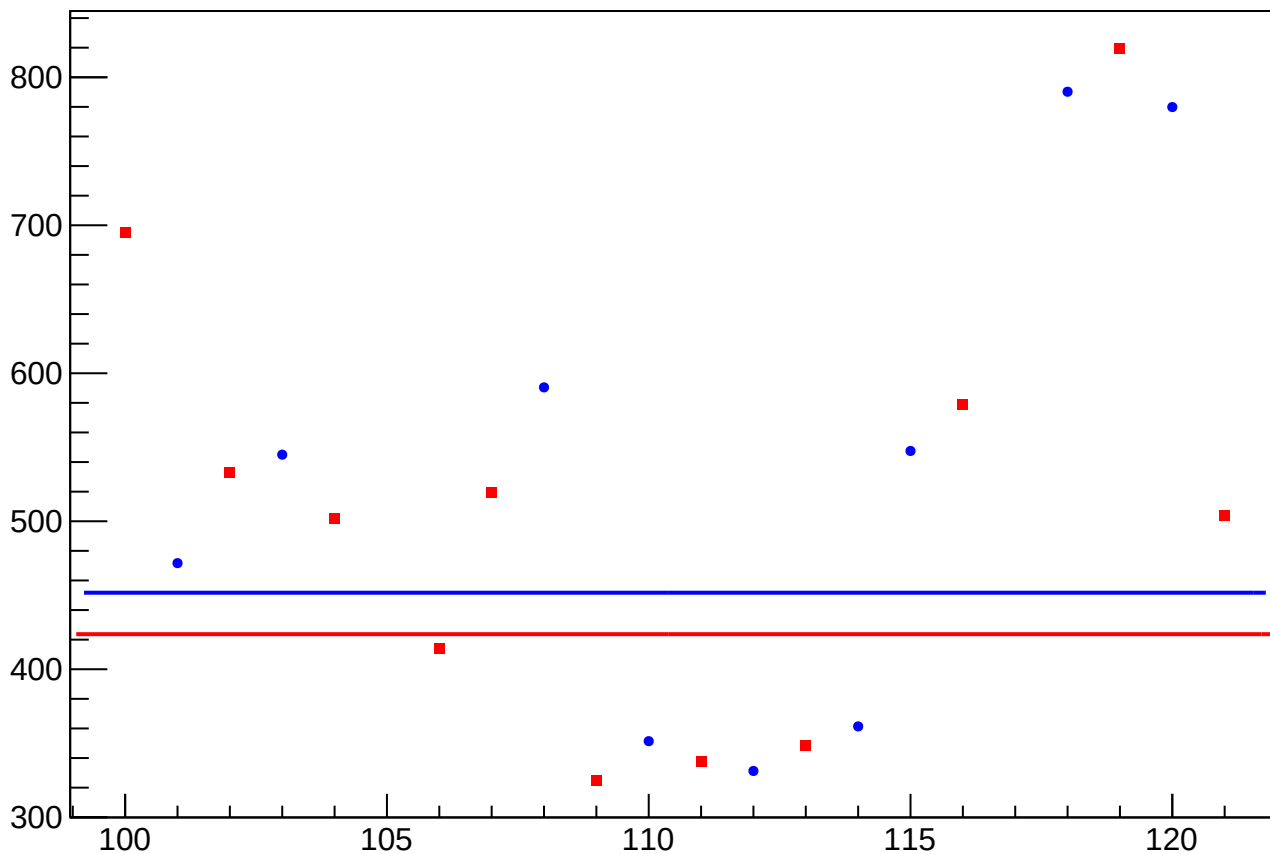
Right: -283.804+/-158.343 χ^2/NDF : 22.8/19

In: -59.406+/-246.276 χ^2/NDF : 12.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -283.804+/-158.343 χ^2/NDF : 22.8/19

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 451.718+/-0.174 χ^2/NDF : 618465.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.698+/-0.146 χ^2/NDF : 652837.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

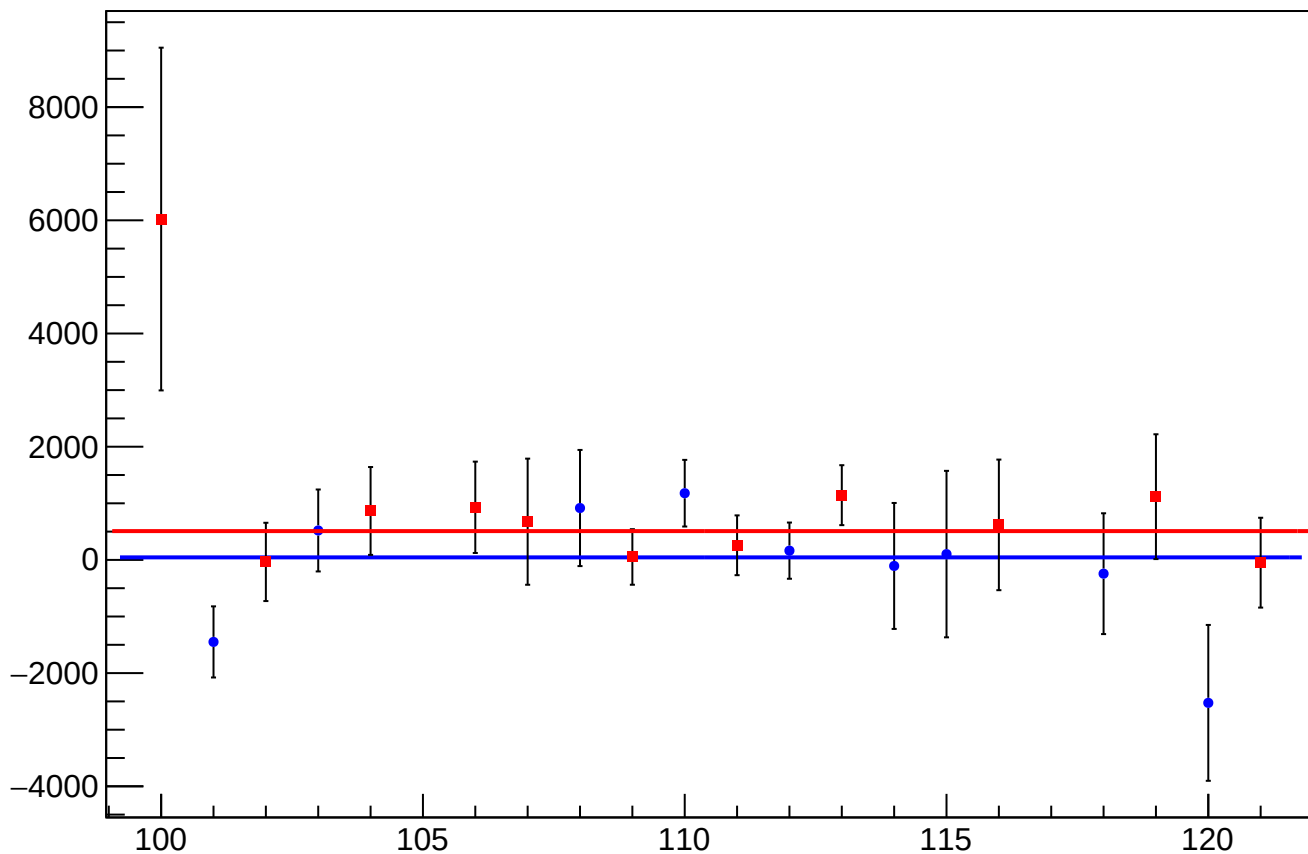
Right: 435.281+/-0.112 χ^2/NDF : 1286490.2/19

In: 451.718+/-0.174 χ^2/NDF : 618465.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.281+/-0.112 χ^2/NDF : 1286490.2/19

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 44.765+/-258.144 χ^2/NDF : 14.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.972+/-219.983 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

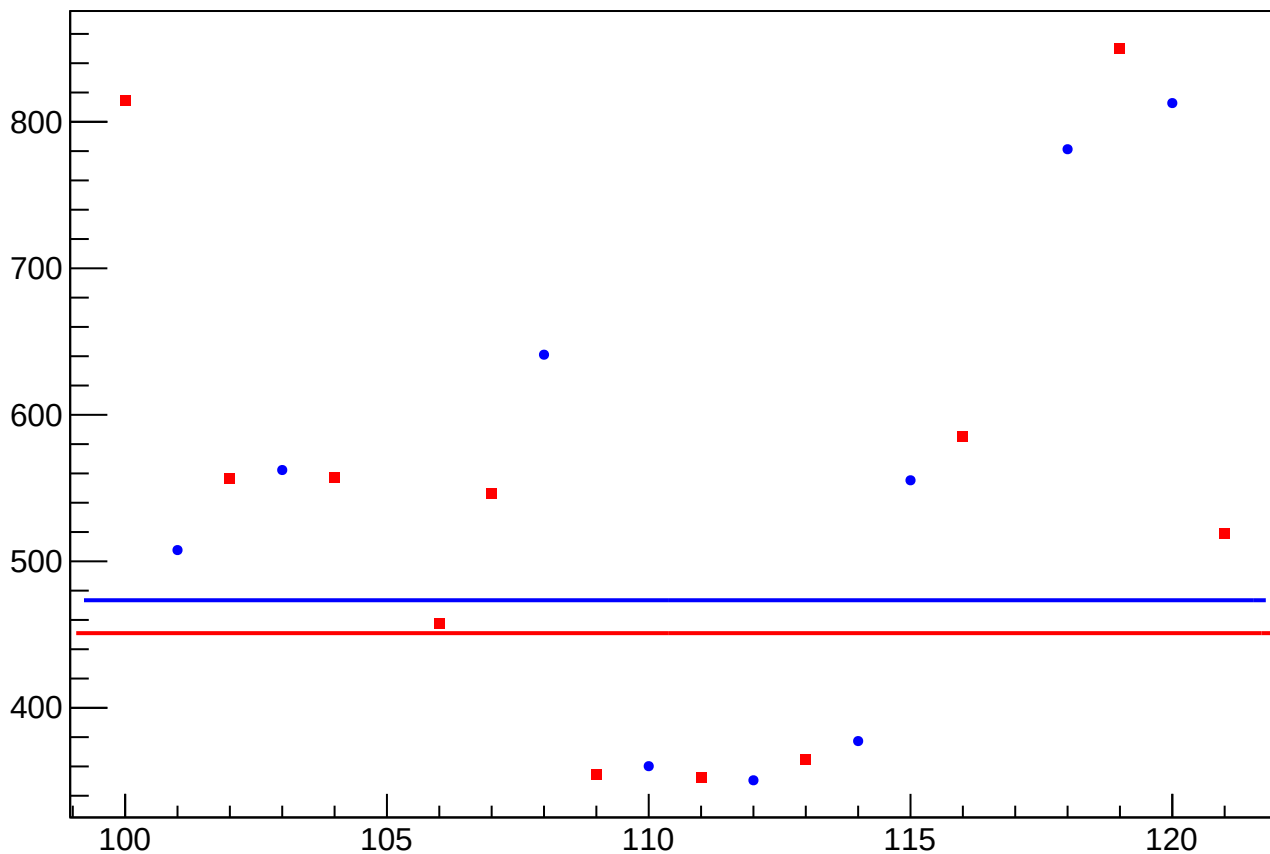
Right: 313.684+/-167.434 χ^2/NDF : 23.8/19

In: 44.765+/-258.144 χ^2/NDF : 14.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.684+/-167.434 χ^2/NDF : 23.8/19

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 473.441+/-0.183 χ^2/NDF : 594973.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.982+/-0.156 χ^2/NDF : 630429.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

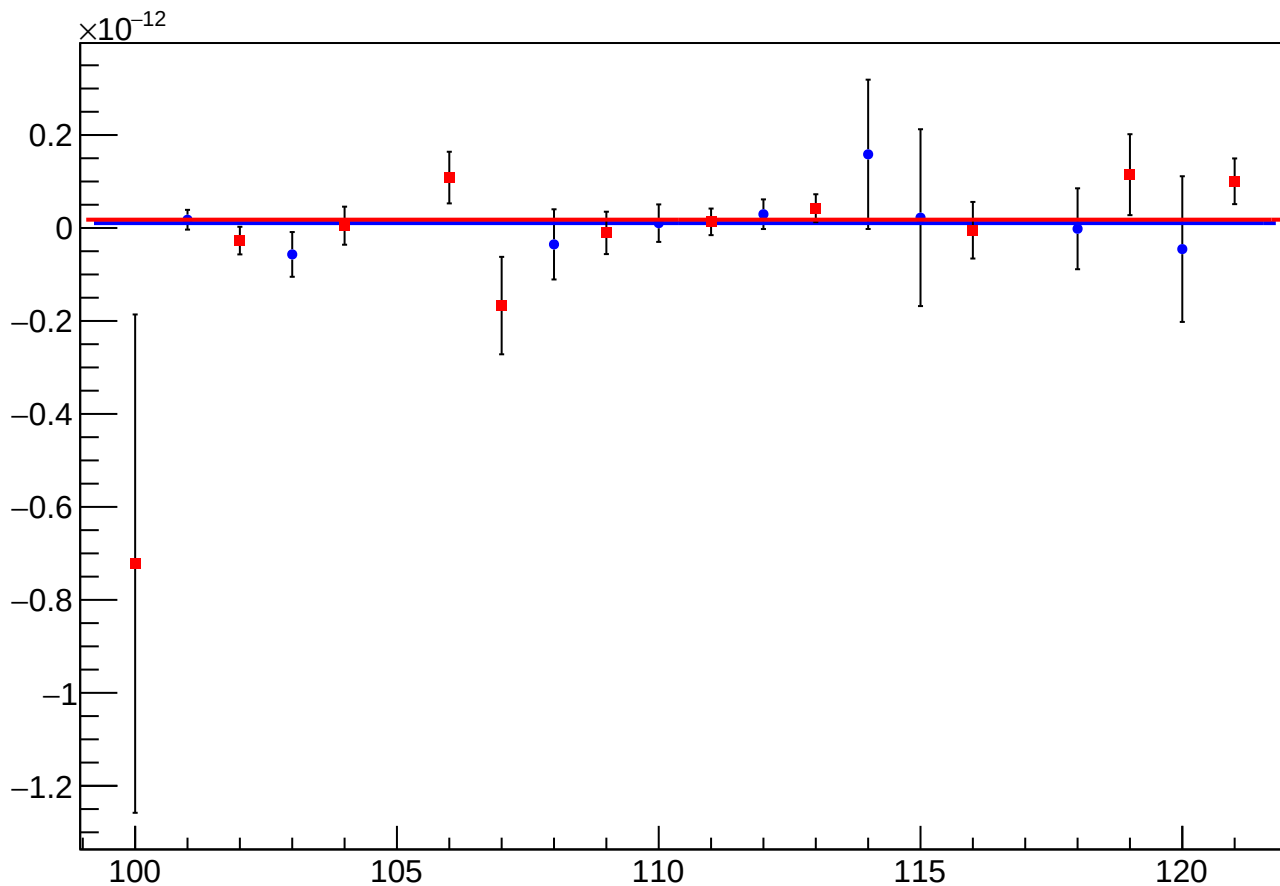
Right: 460.430+/-0.118 χ^2/NDF : 1234172.8/19

In: 473.441+/-0.183 χ^2/NDF : 594973.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.430+/-0.118 χ^2/NDF : 1234172.8/19

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

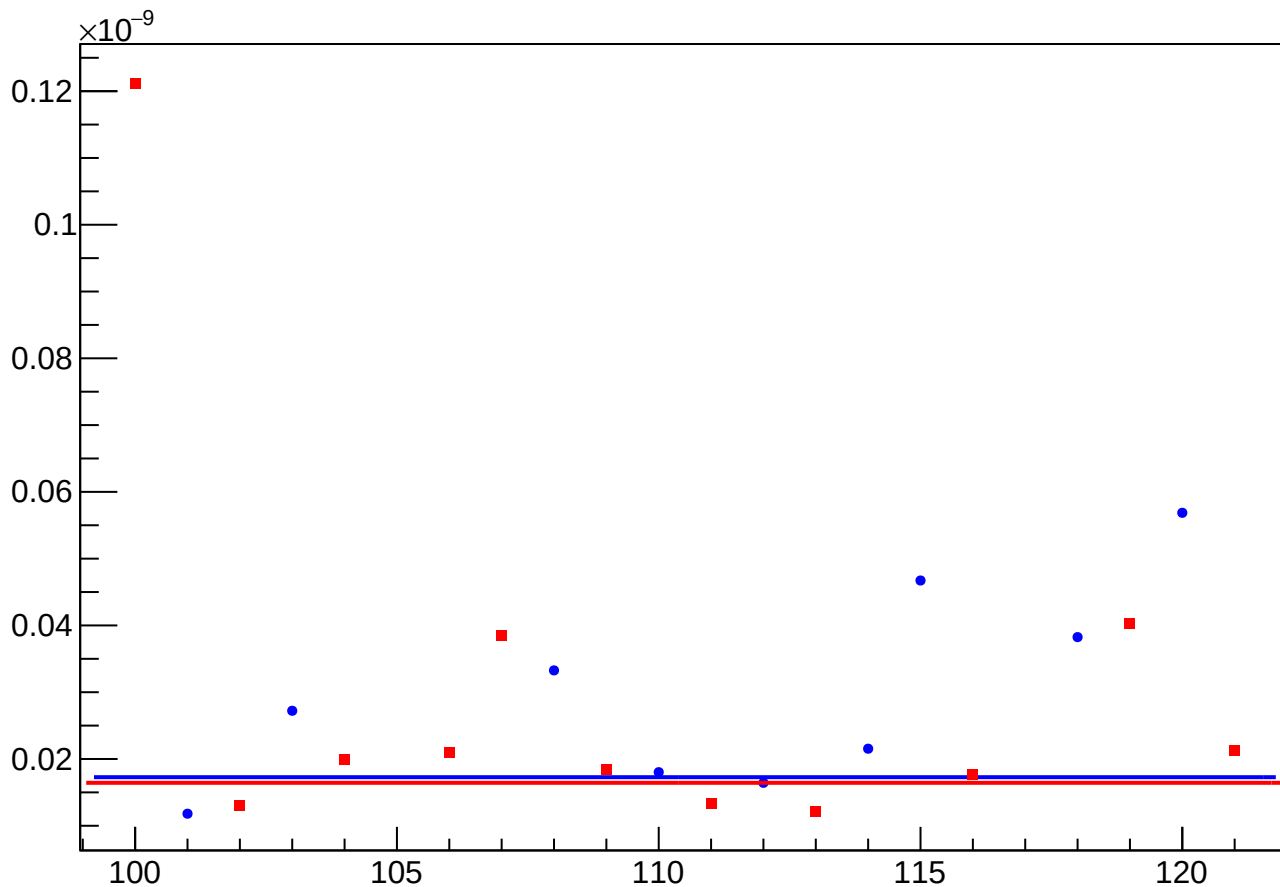
Right: 0.000+/-0.000 χ^2/NDF : 19.3/19

In: 0.000+/-0.000 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/19

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 602798.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 454354.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

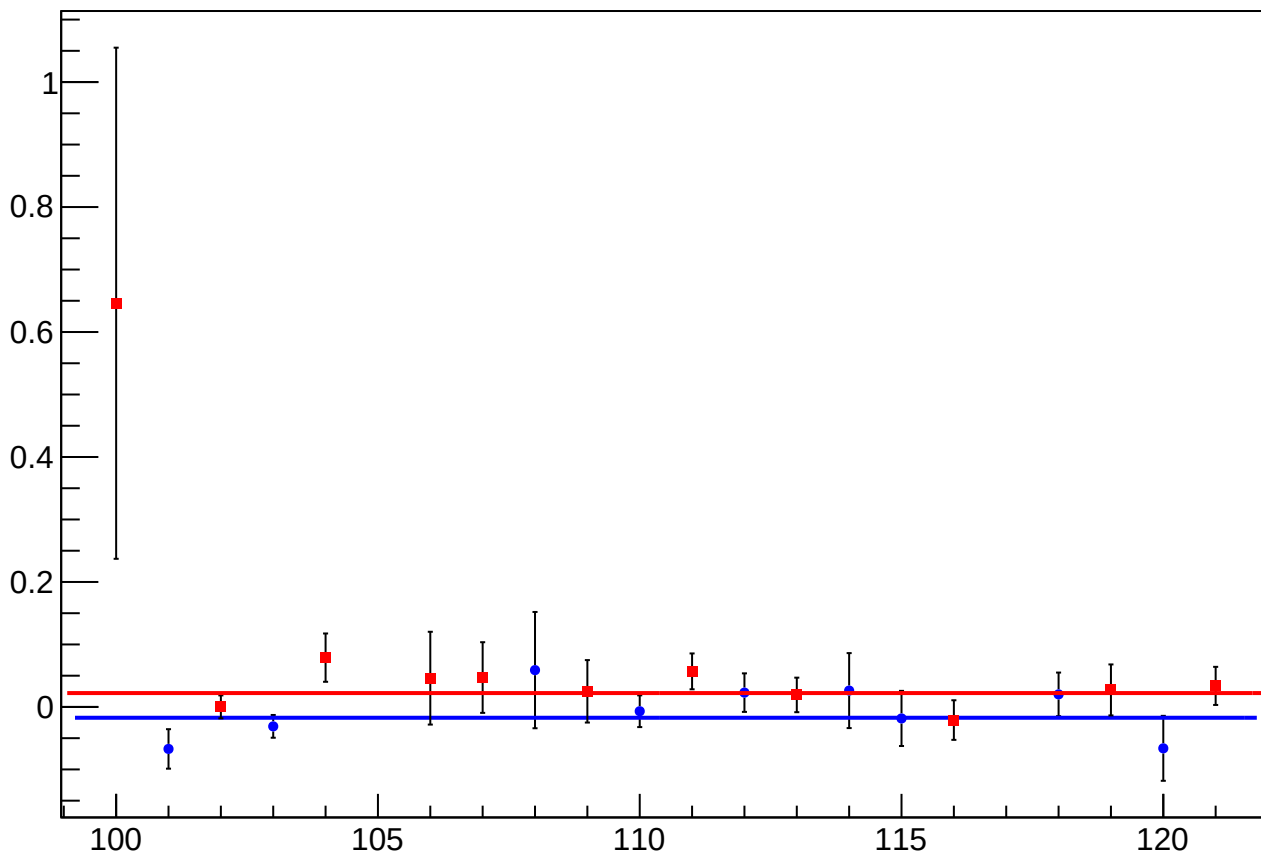
Right: 0.000+/-0.000 χ^2/NDF : 1060777.4/19

In: 0.000+/-0.000 χ^2/NDF : 602798.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1060777.4/19

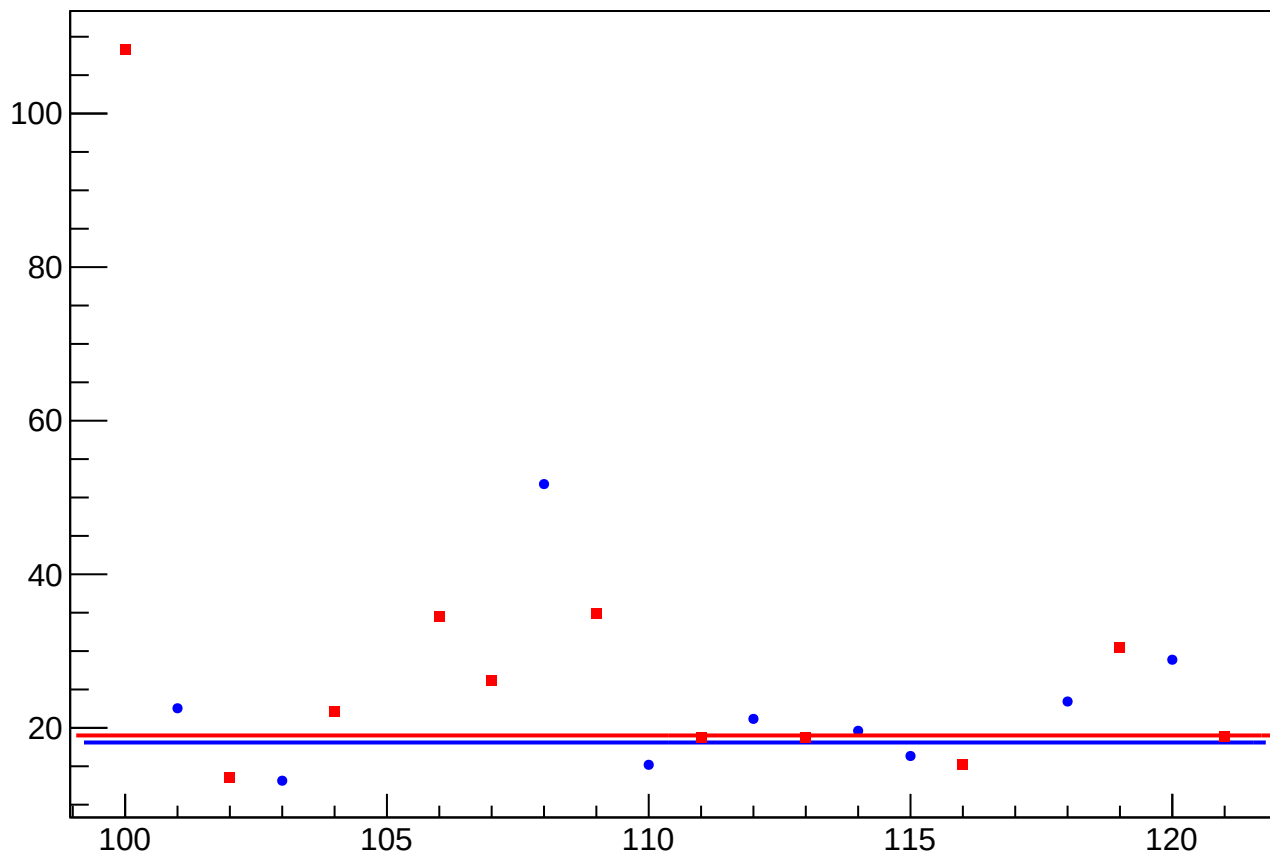
asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.022 $\pm$ 0.010 χ^2 /NDF: 9.7/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/19
 In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/19

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.014+/-0.007 χ^2/NDF : 788055.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

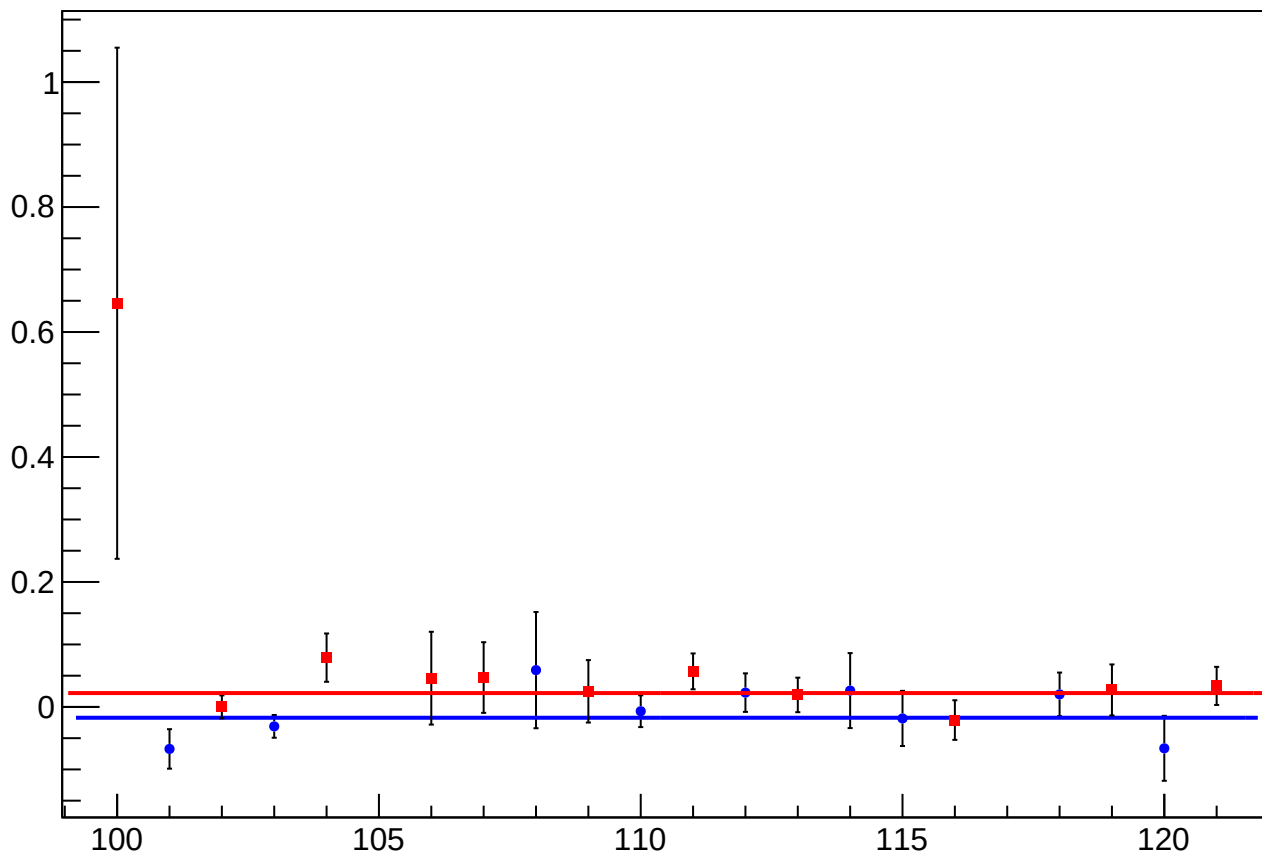
Right: 18.581+/-0.005 χ^2/NDF : 1429677.5/19

In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.581+/-0.005 χ^2/NDF : 1429677.5/19

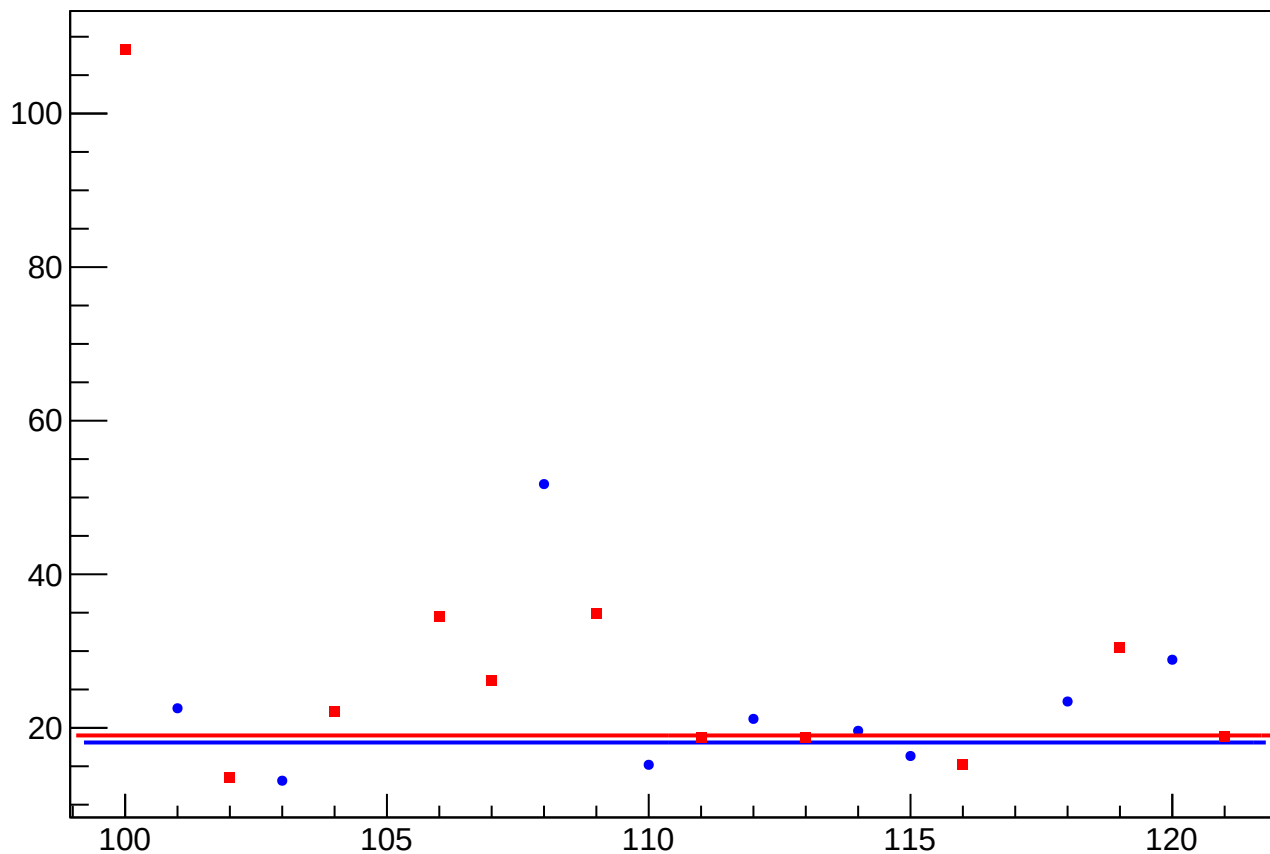
asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.011 χ^2/NDF : 8.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.022+/-0.010 χ^2/NDF : 9.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.004+/-0.007 χ^2/NDF : 25.1/19
 In: -0.017+/-0.011 χ^2/NDF : 8.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.004+/-0.007 χ^2/NDF : 25.1/19

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.014+/-0.007 χ^2/NDF : 788055.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

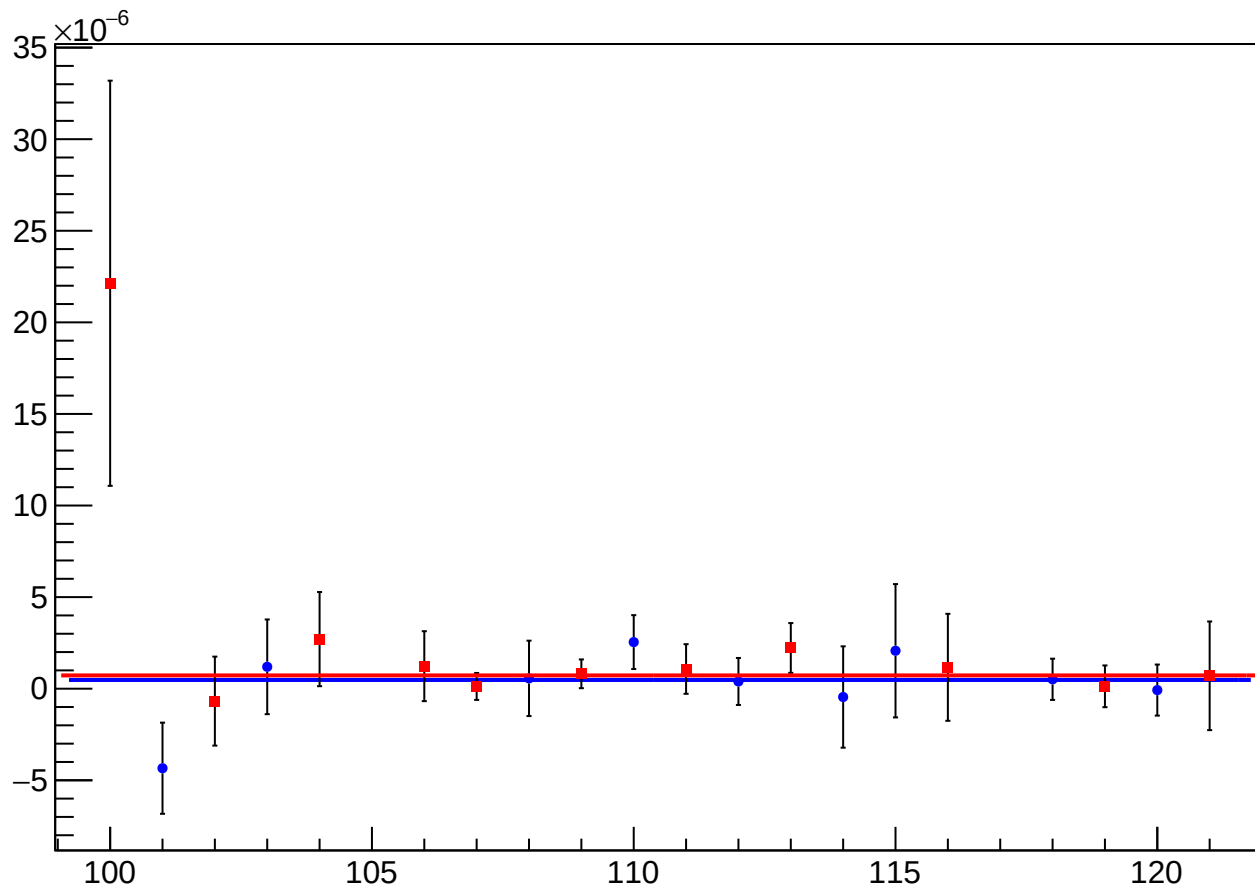
Right: 18.581+/-0.005 χ^2/NDF : 1429677.5/19

In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.581+/-0.005 χ^2/NDF : 1429677.5/19

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

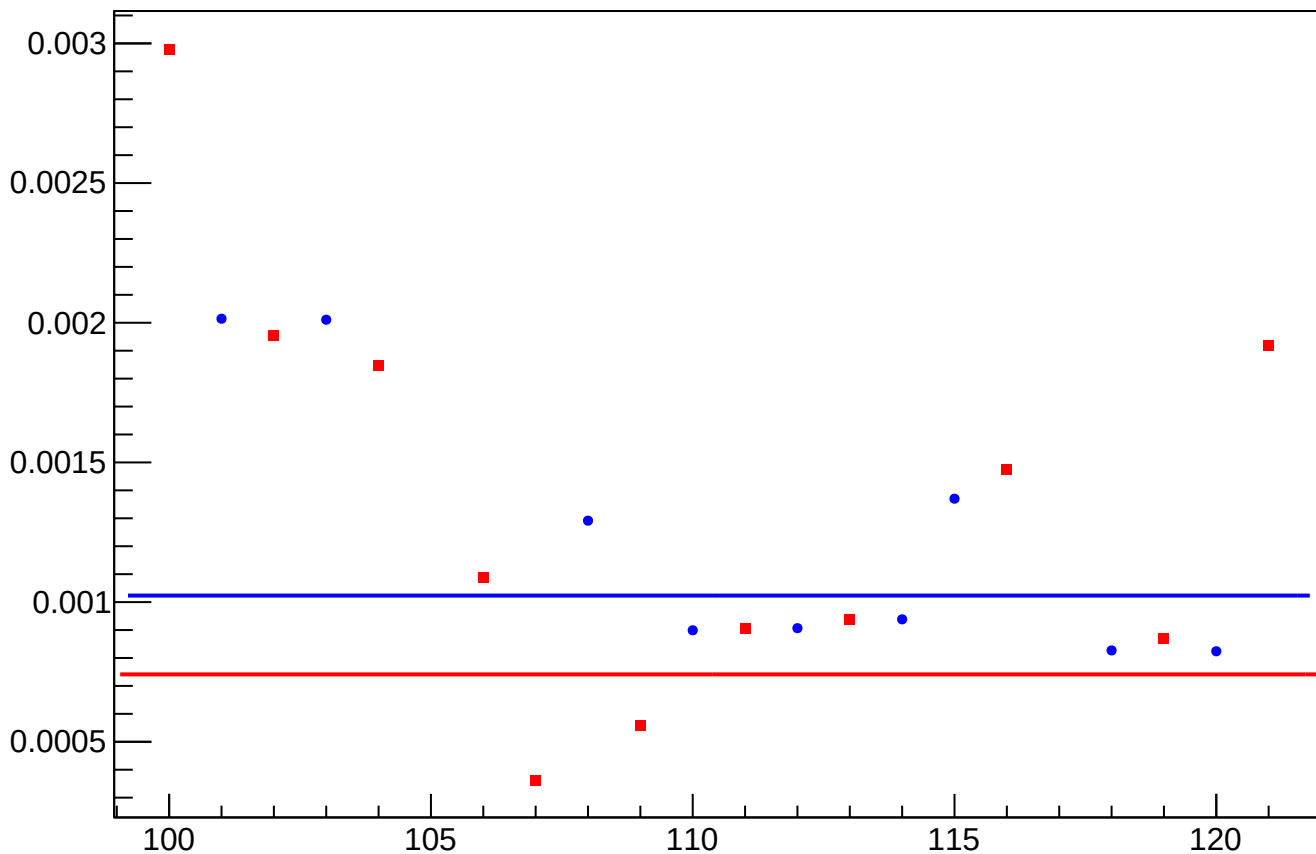
Right: 0.000+/-0.000 χ^2/NDF : 13.4/19

In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/19

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 795800.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2197293.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

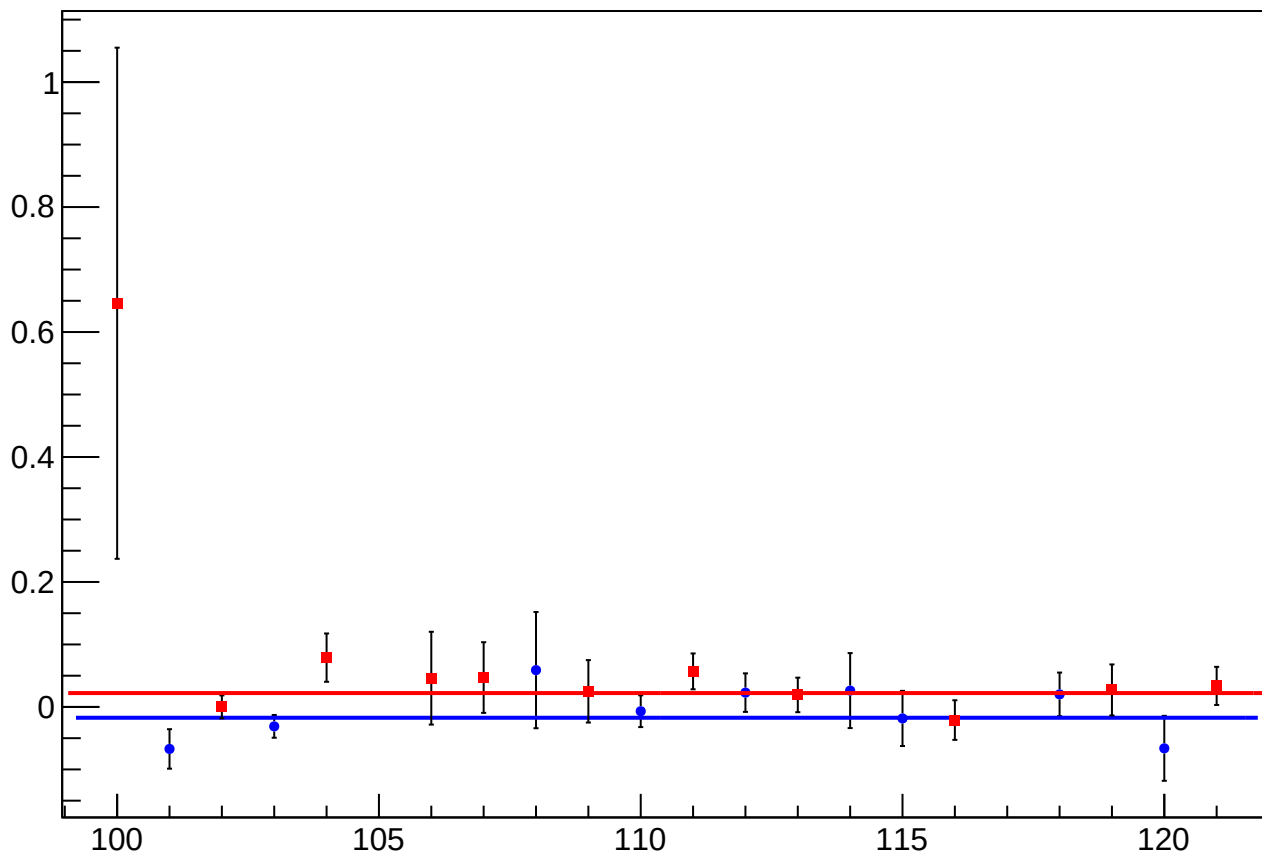
Right: 0.001+/-0.000 χ^2/NDF : 3323468.2/19

In: 0.001+/-0.000 χ^2/NDF : 795800.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3323468.2/19

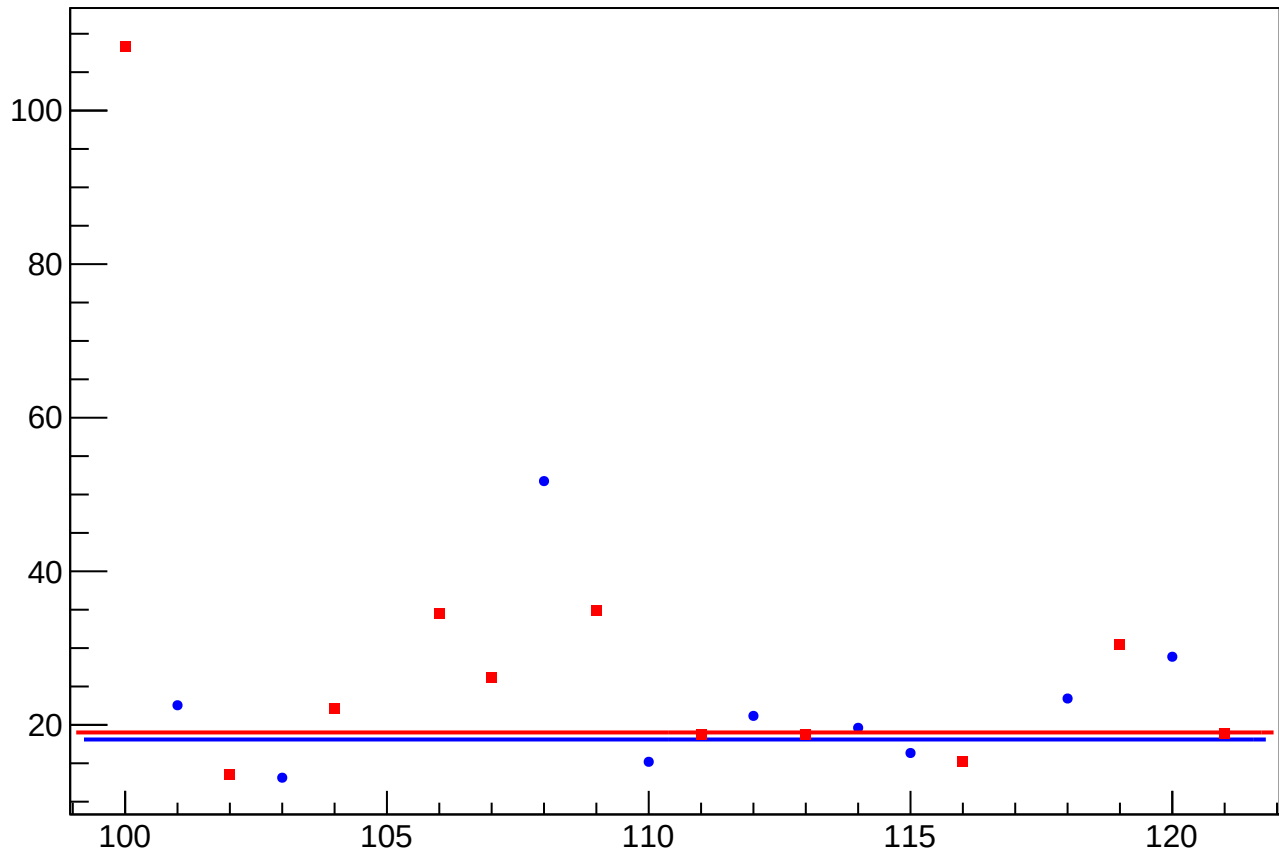
asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.022 $\pm$ 0.010 χ^2 /NDF: 9.7/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/19
 In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/19

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.015+/-0.007 χ^2/NDF : 787926.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

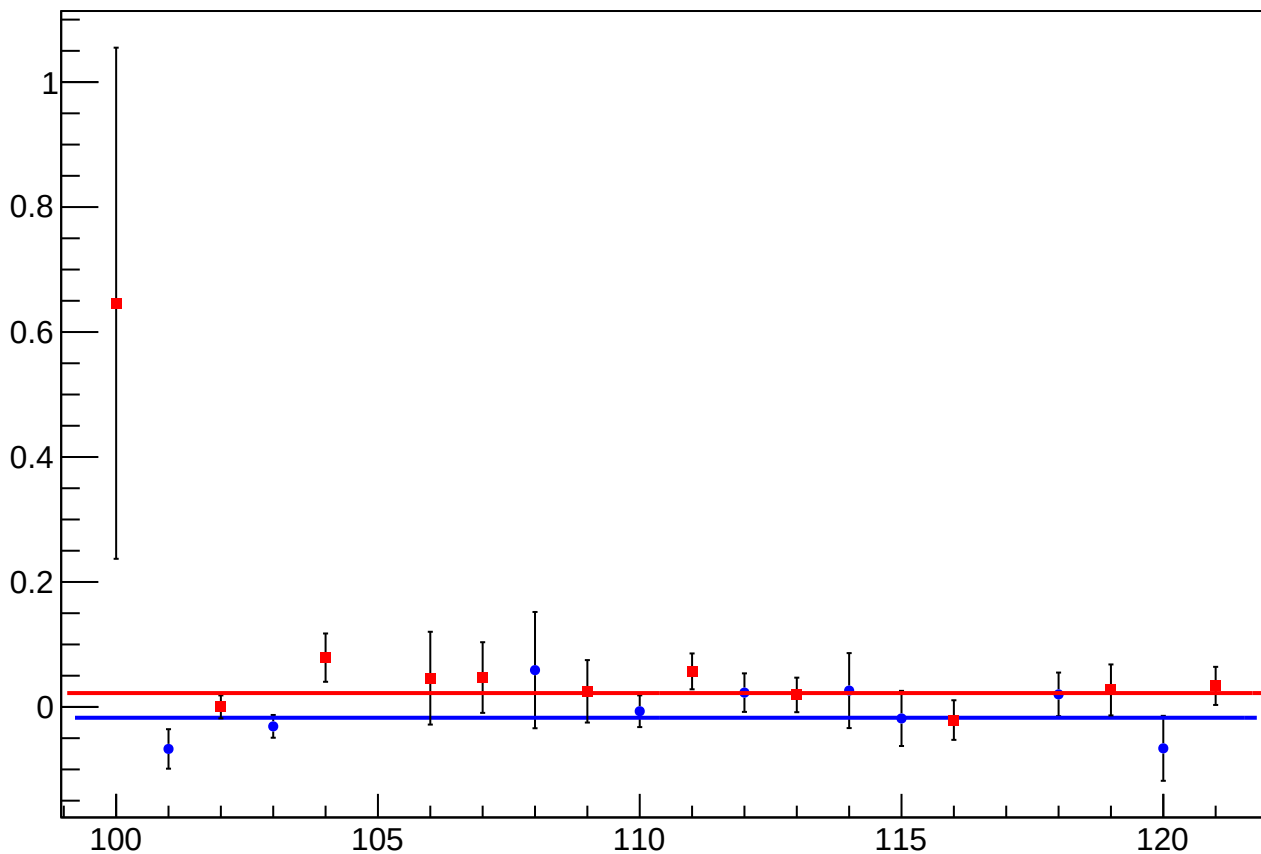
Right: 18.582+/-0.005 χ^2/NDF : 1429500.0/19

In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.582+/-0.005 χ^2/NDF : 1429500.0/19

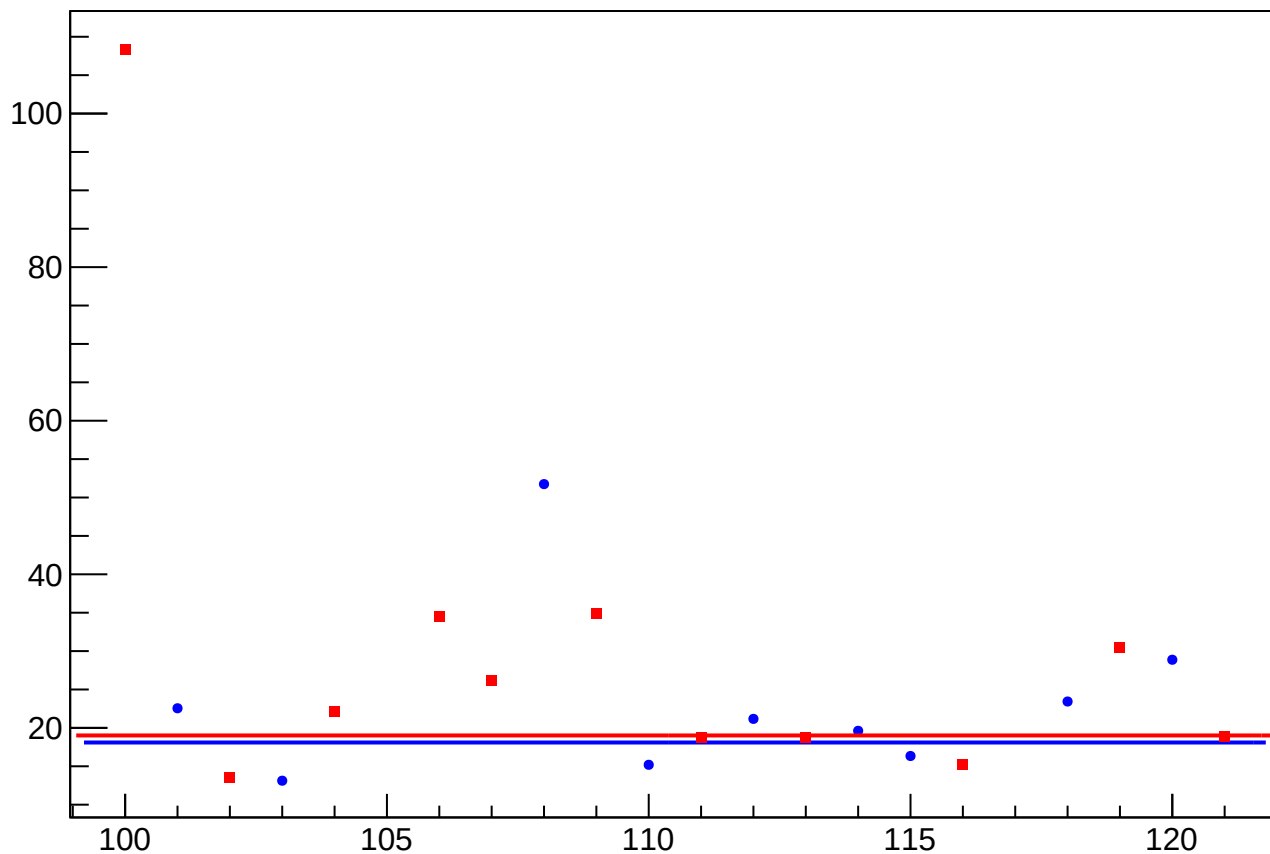
asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.022 $\pm$ 0.010 χ^2 /NDF: 9.7/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/19
 In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/19

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.015+/-0.007 χ^2/NDF : 787926.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

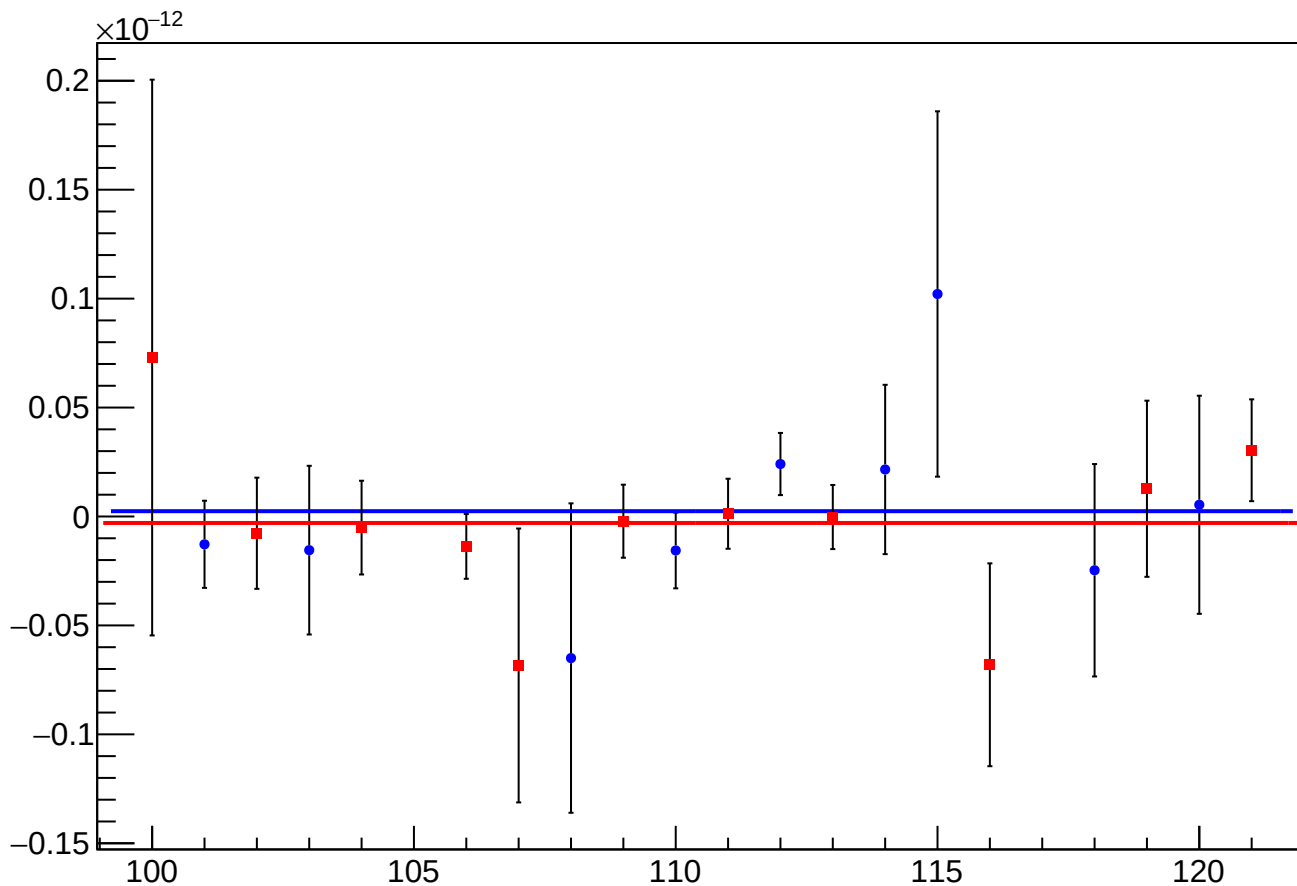
Right: 18.582+/-0.005 χ^2/NDF : 1429500.0/19

In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.582+/-0.005 χ^2/NDF : 1429500.0/19

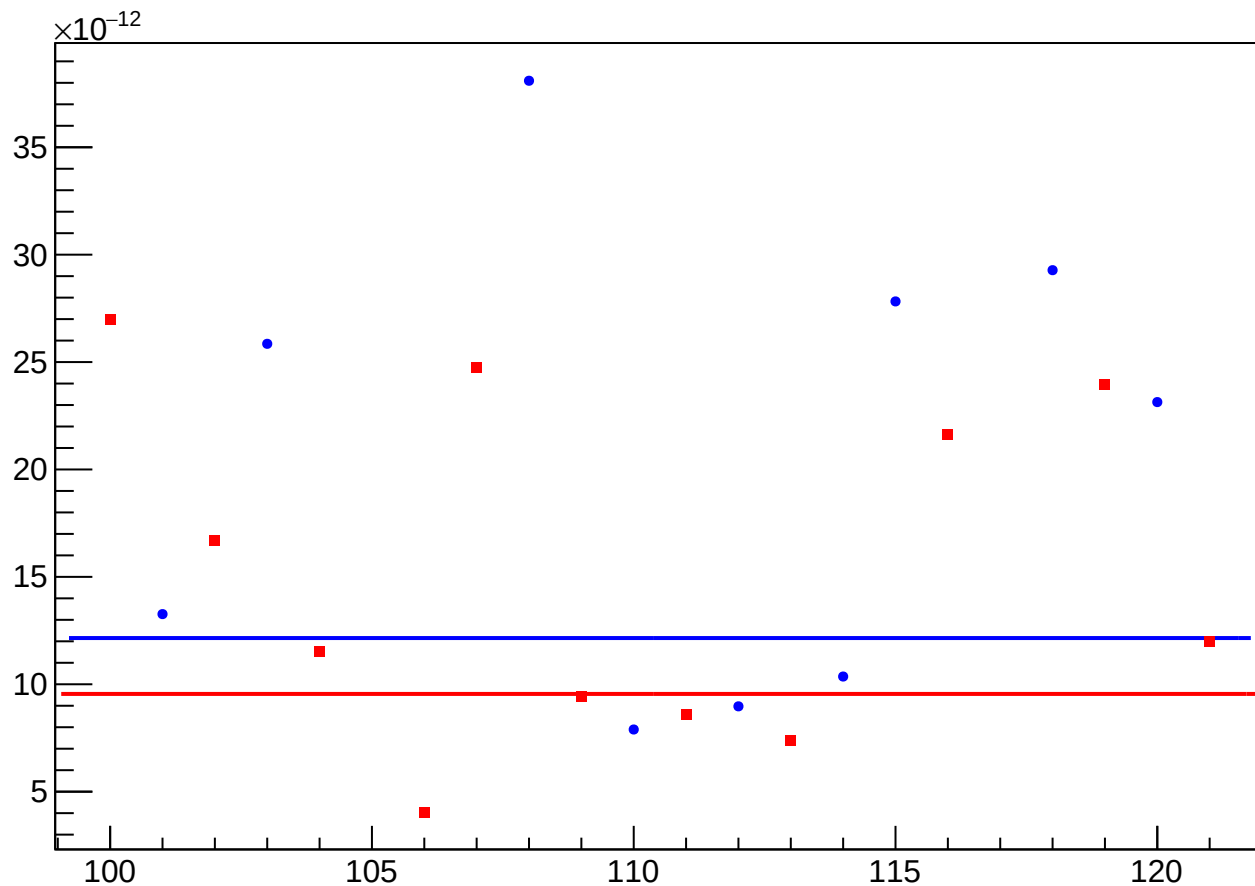
asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 13.5/19
 In: 0.000+/-0.000 χ^2/NDF : 7.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 13.5/19

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1160029.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1065704.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

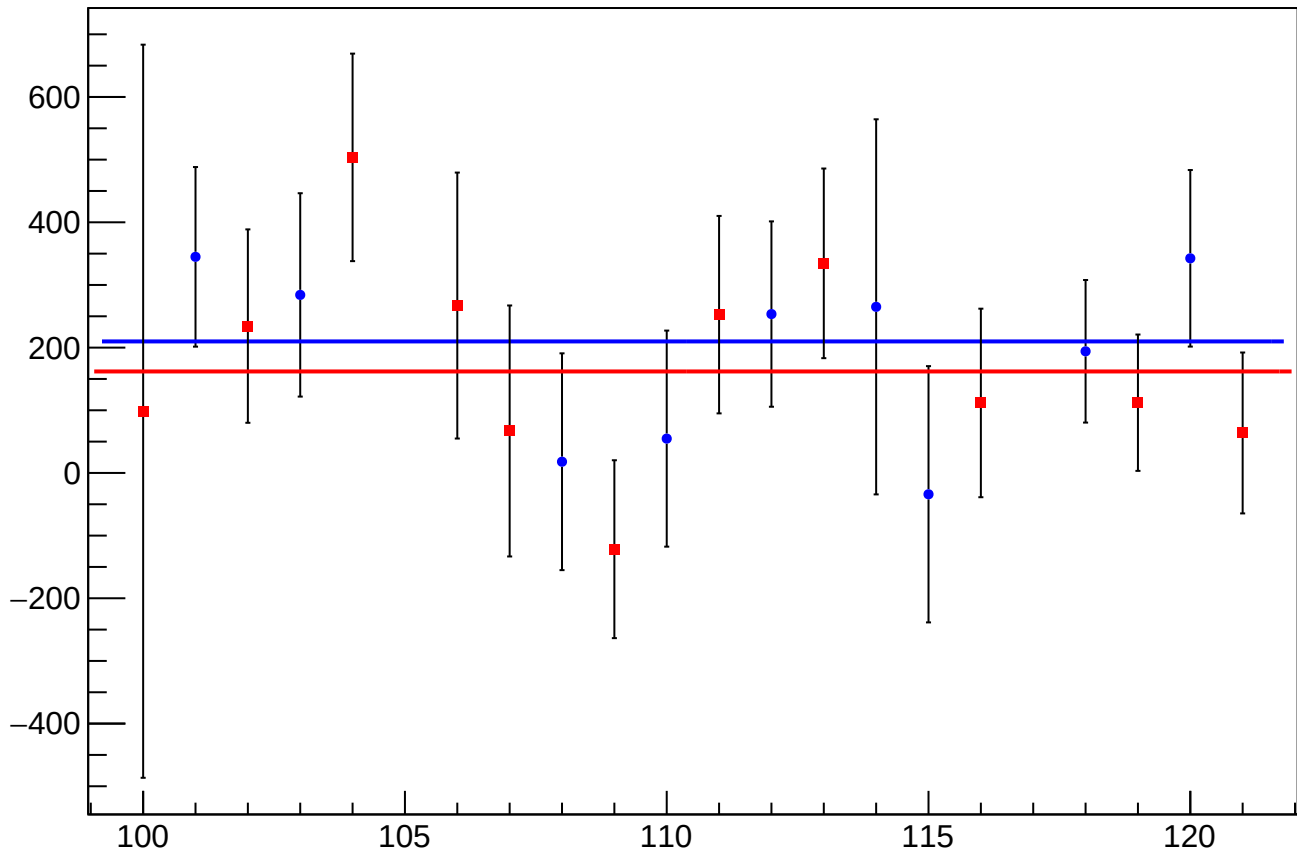
Right: 0.000+/-0.000 χ^2/NDF : 2340184.1/19

In: 0.000+/-0.000 χ^2/NDF : 1160029.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2340184.1/19

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.889+/-52.548 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.964+/-47.065 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

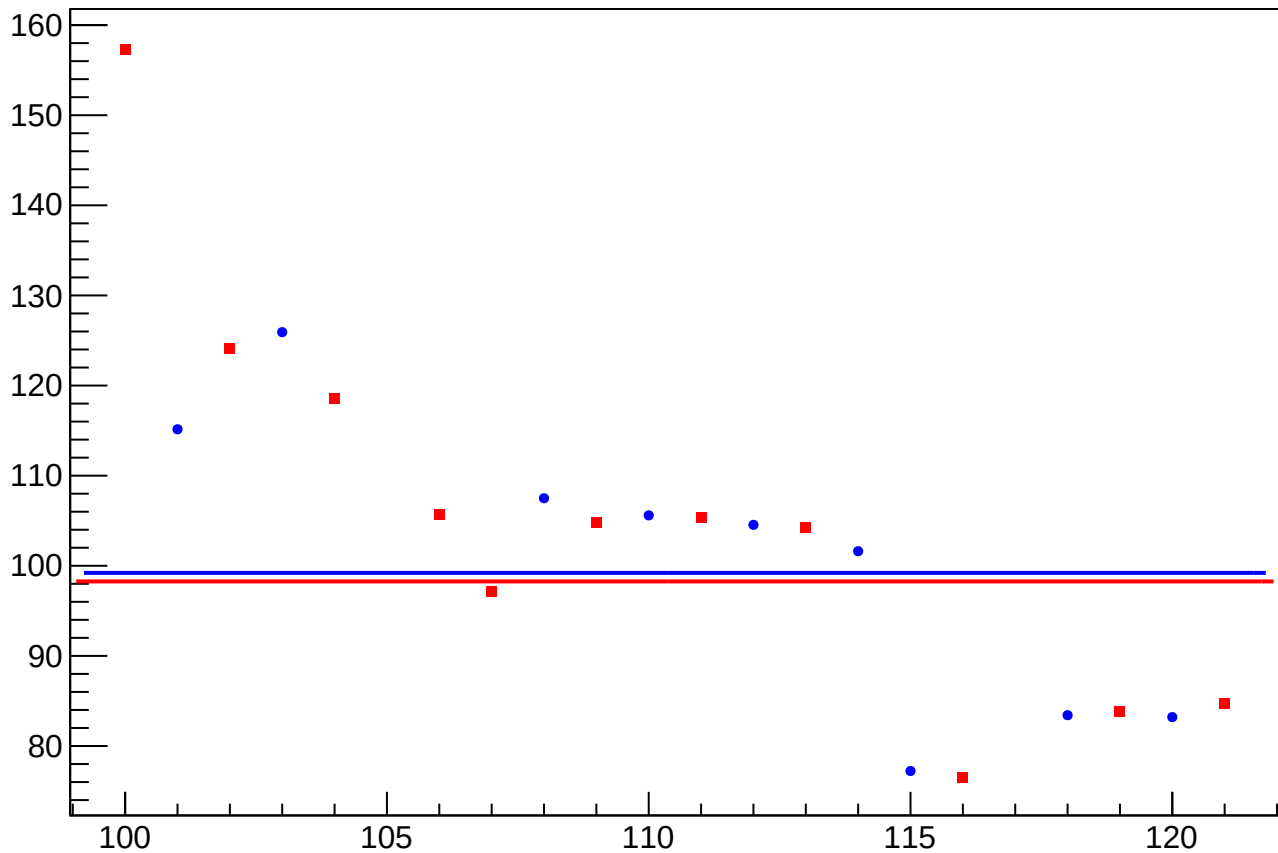
Right: 183.297+/-35.059 χ^2/NDF : 17.5/19

In: 209.889+/-52.548 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.297+/-35.059 χ^2/NDF : 17.5/19

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.211+/-0.037 χ^2/NDF : 176414.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.263+/-0.033 χ^2/NDF : 219566.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

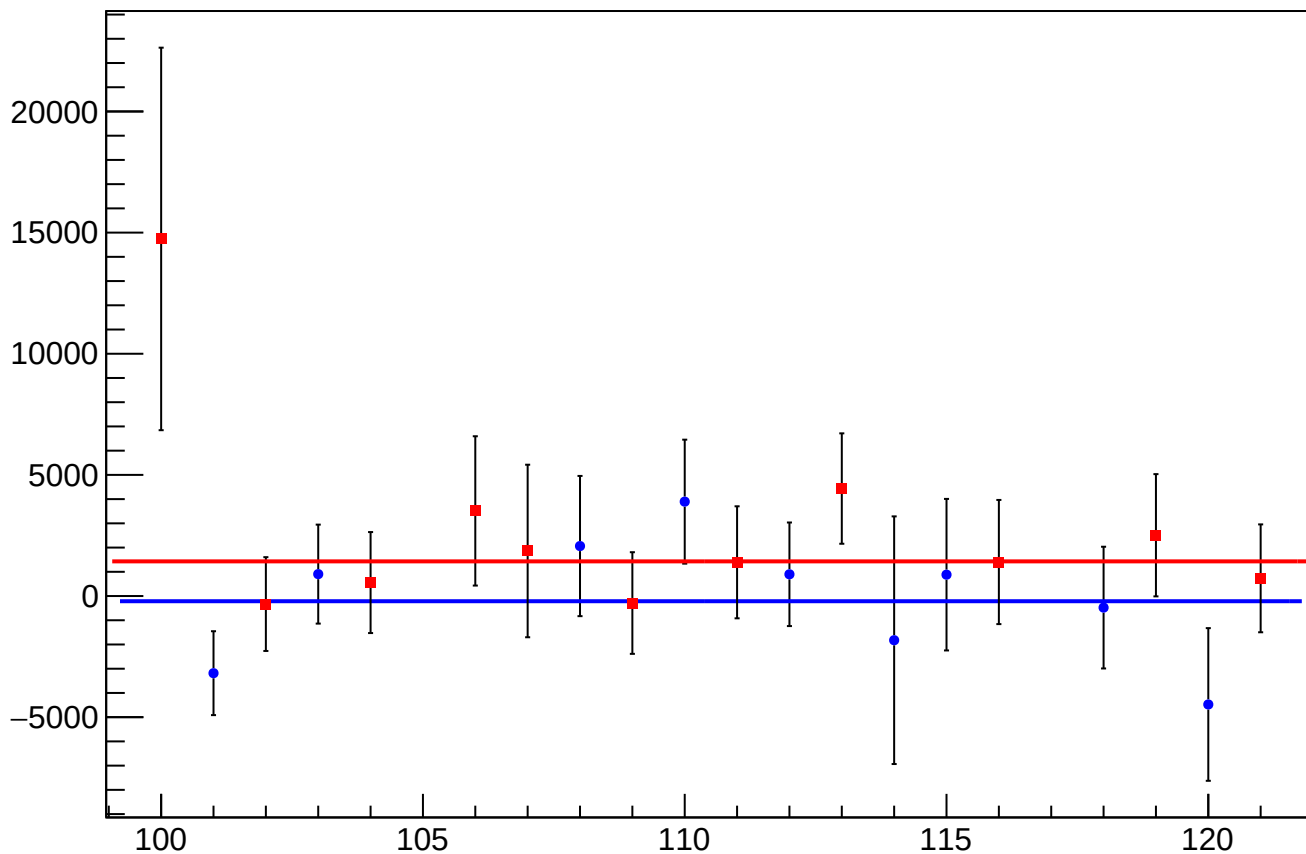
Right: 98.685+/-0.025 χ^2/NDF : 396341.5/19

In: 99.211+/-0.037 χ^2/NDF : 176414.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.685+/-0.025 χ^2/NDF : 396341.5/19

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -214.215+/-826.410 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1430.675+/-742.178 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

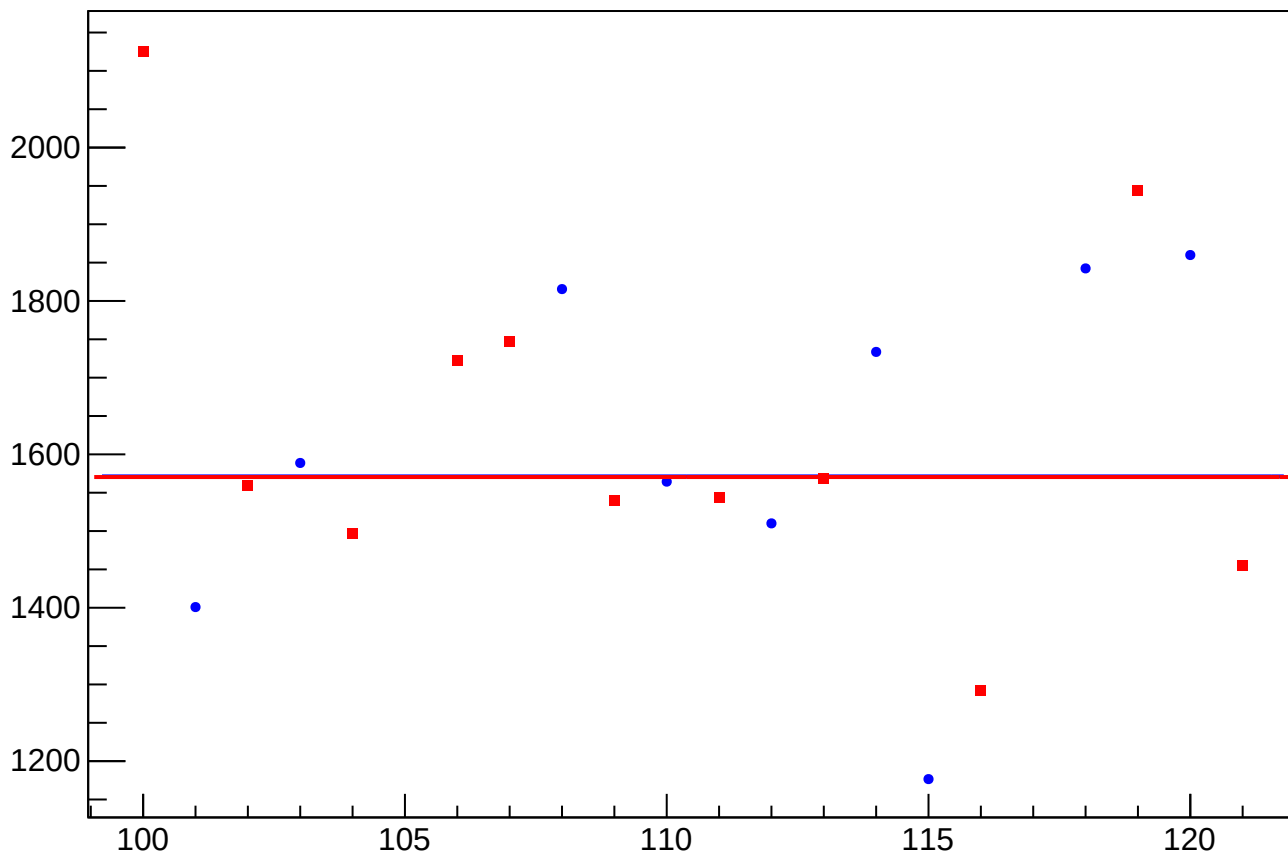
Right: 696.305+/-552.185 χ^2/NDF : 18.0/19

In: -214.215+/-826.410 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.305+/-552.185 χ^2/NDF : 18.0/19

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1571.248+/-0.584 χ^2/NDF : 109386.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.432+/-0.525 χ^2/NDF : 95802.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

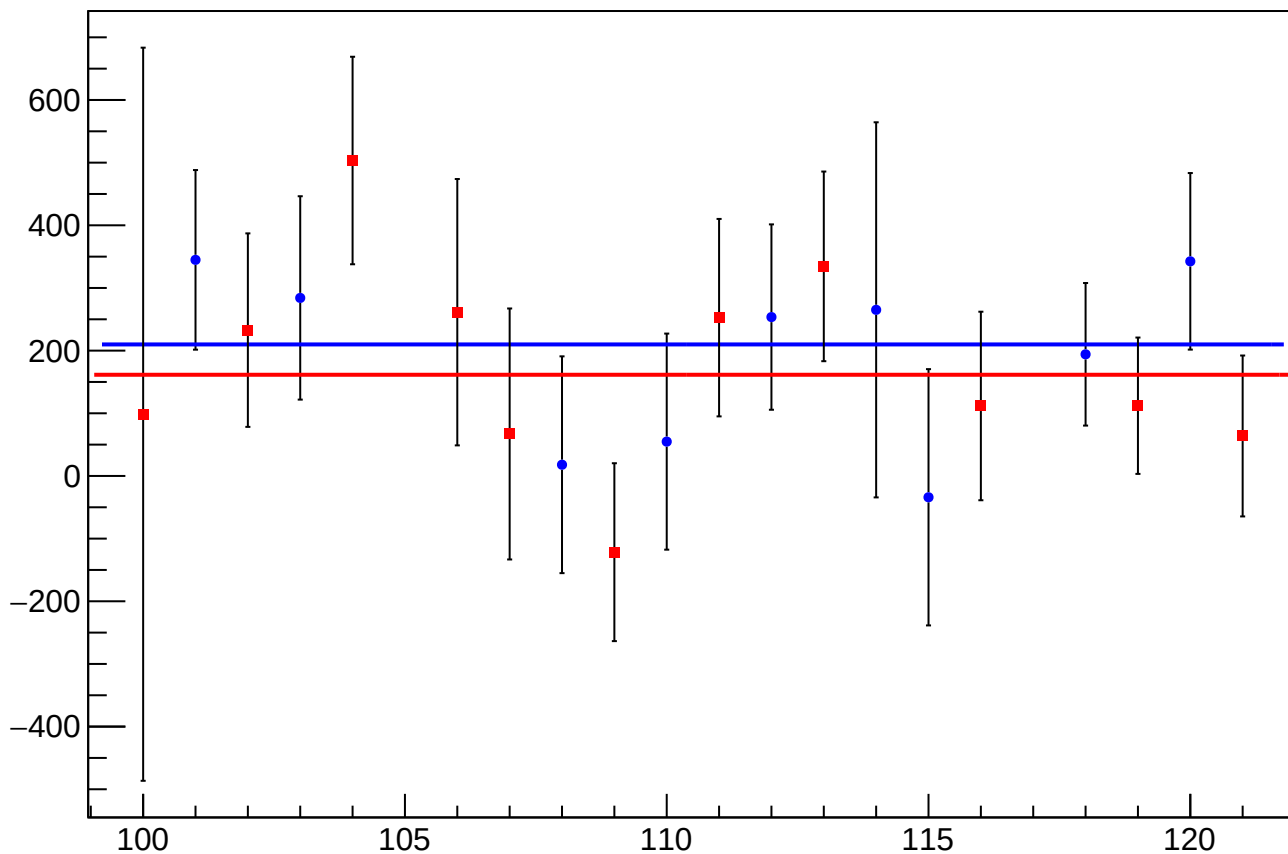
Right: 1570.796+/-0.390 χ^2/NDF : 205190.1/19

In: 1571.248+/-0.584 χ^2/NDF : 109386.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.796+/-0.390 χ^2/NDF : 205190.1/19

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.888 $\pm$ 52.548 χ^2 /NDF: 5.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161.483 $\pm$ 47.071 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

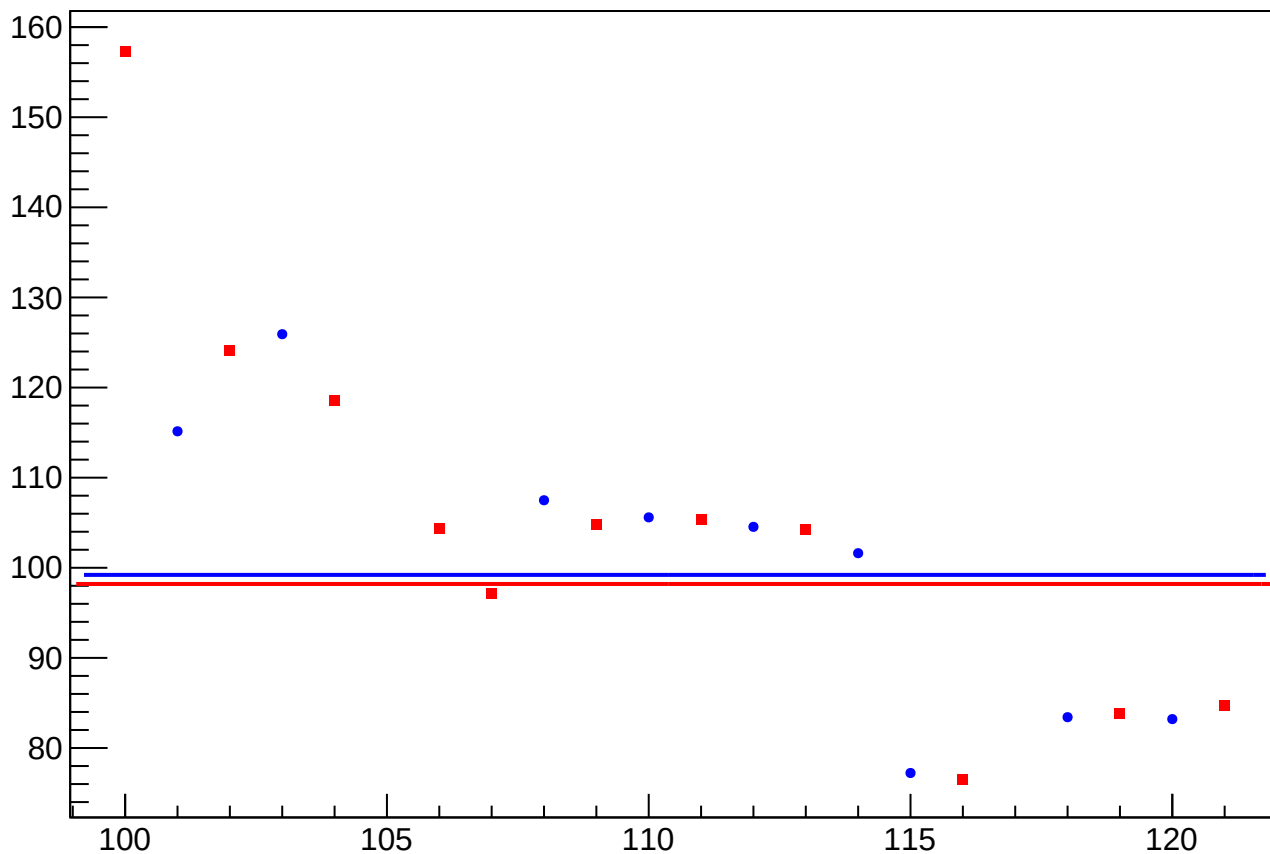
Right: 183.032 $\pm$ 35.061 χ^2 /NDF: 17.5/19

In: 209.888 $\pm$ 52.548 χ^2 /NDF:5.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.032 $\pm$ 35.061 χ^2 /NDF: 17.5/19

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.202+/-0.033 χ^2/NDF : 218984.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

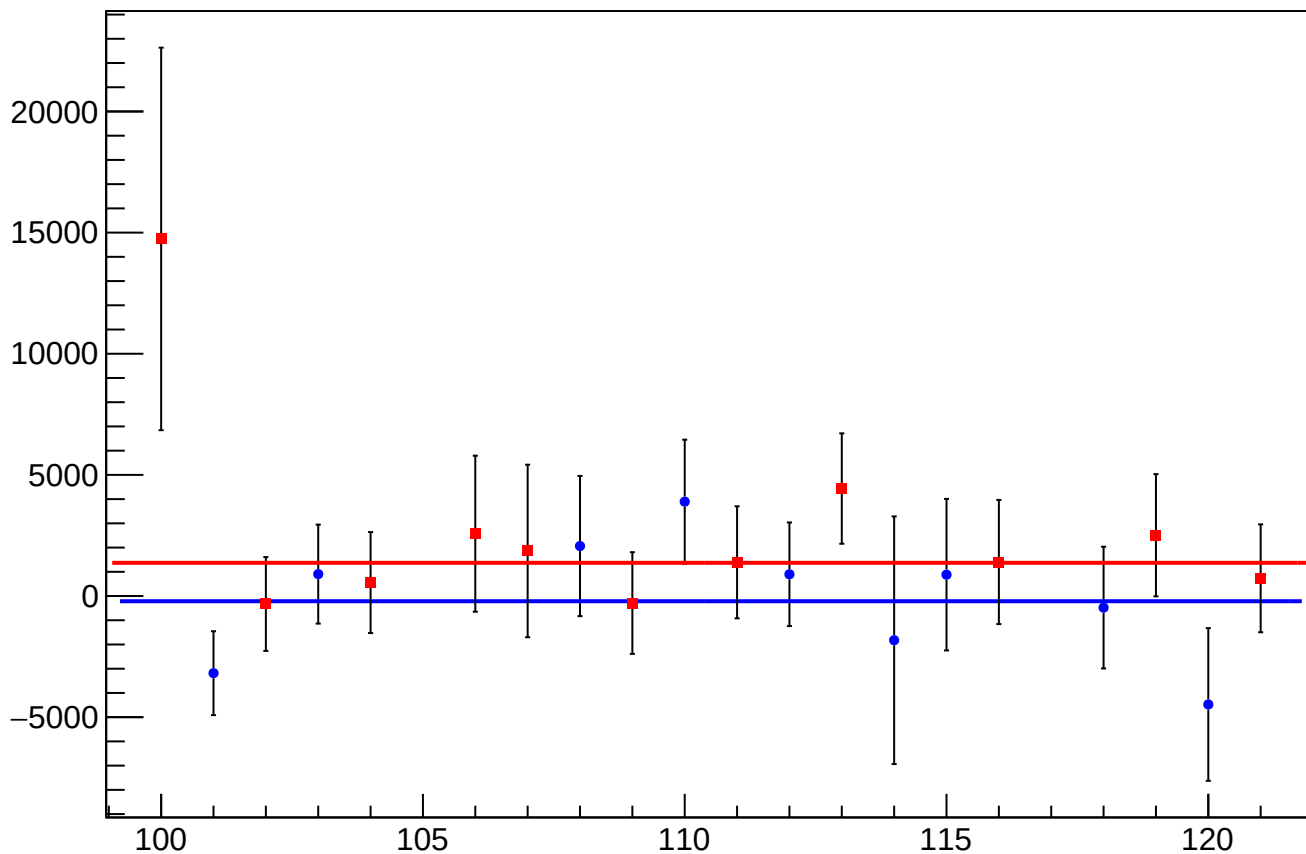
Right: 98.651+/-0.025 χ^2/NDF : 395808.9/19

In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.651+/-0.025 χ^2/NDF : 395808.9/19

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -214.142 $\pm$ 826.415 χ^2 /NDF: 8.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1370.980 $\pm$ 744.041 χ^2 /NDF: 6.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

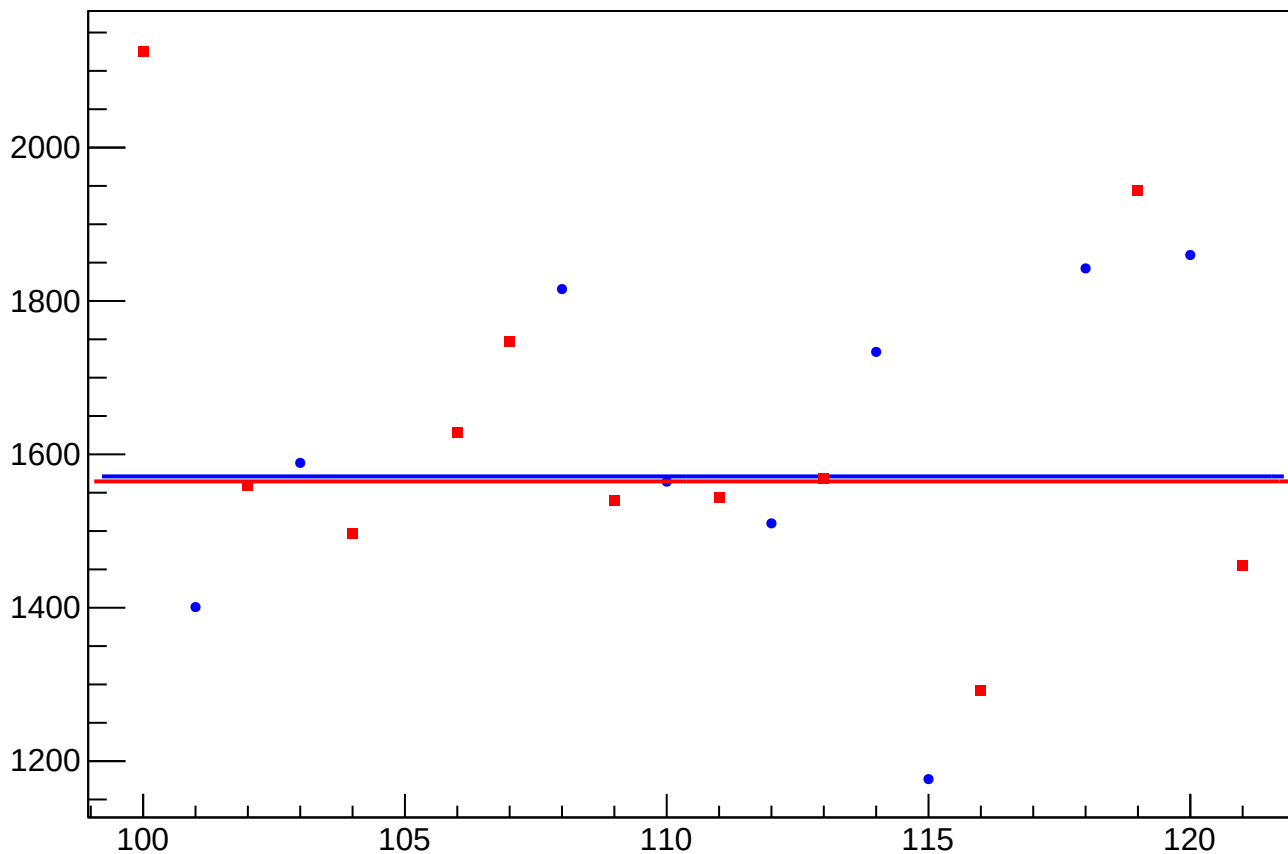
Right: 661.334 $\pm$ 552.952 χ^2 /NDF: 17.5/19

In: -214.142 $\pm$ 826.415 χ^2 /NDF:8.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 661.334 $\pm$ 552.952 χ^2 /NDF: 17.5/19

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.761+/-0.526 χ^2/NDF : 91462.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

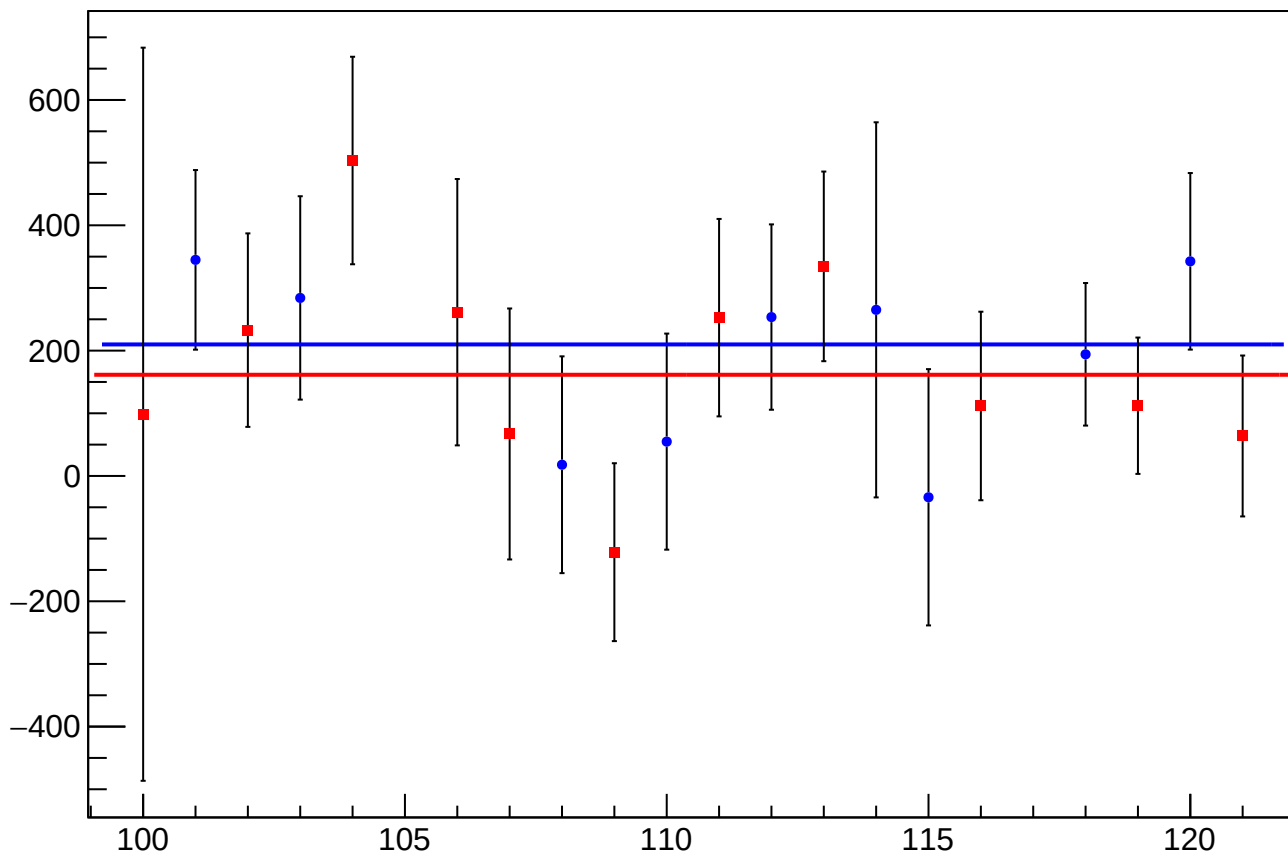
Right: 1567.669+/-0.391 χ^2/NDF : 200918.8/19

In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.669+/-0.391 χ^2/NDF : 200918.8/19

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.888 $\pm$ 52.548 χ^2 /NDF: 5.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161.483 $\pm$ 47.071 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

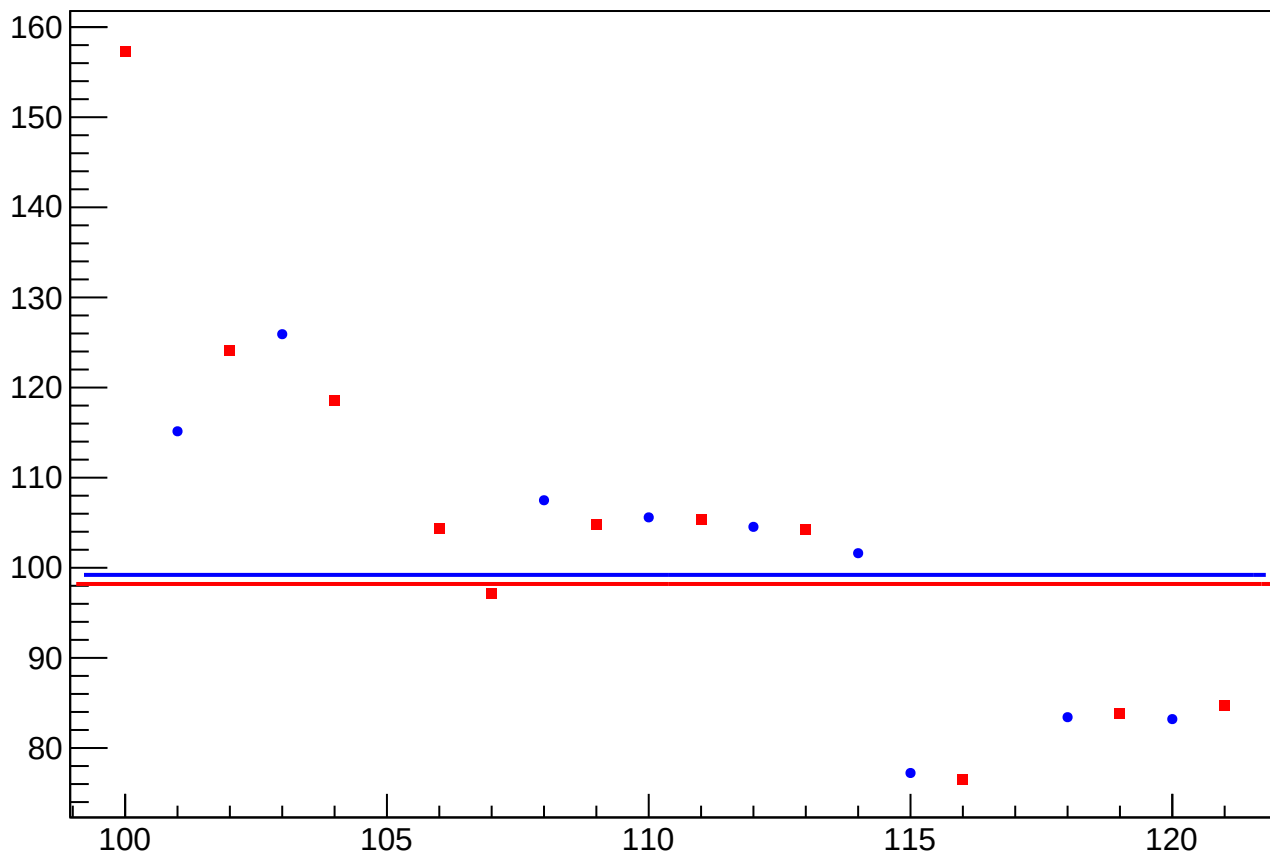
Right: 183.032 $\pm$ 35.061 χ^2 /NDF: 17.5/19

In: 209.888 $\pm$ 52.548 χ^2 /NDF:5.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.032 $\pm$ 35.061 χ^2 /NDF: 17.5/19

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.202+/-0.033 χ^2/NDF : 218984.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

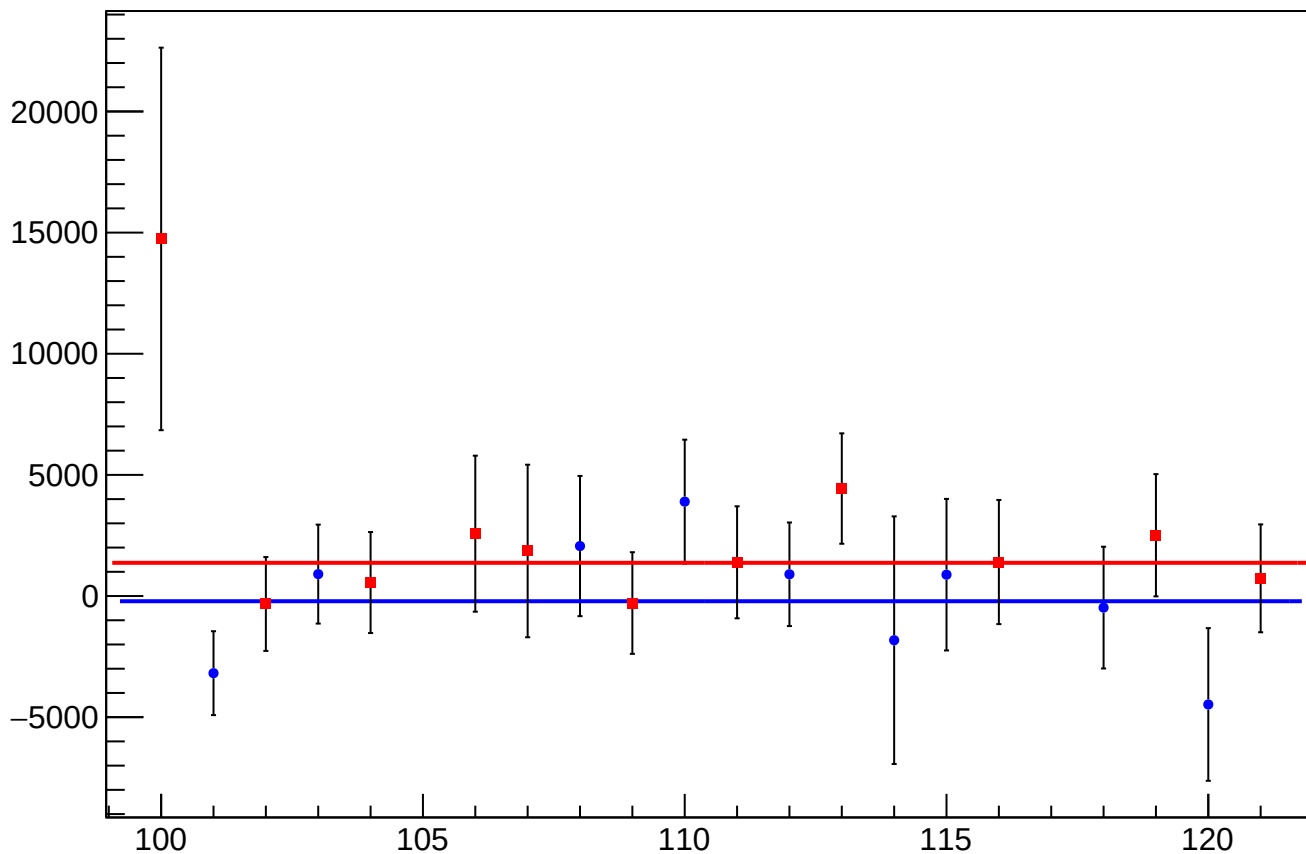
Right: 98.651+/-0.025 χ^2/NDF : 395808.9/19

In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.651+/-0.025 χ^2/NDF : 395808.9/19

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -214.142+/-826.415 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.980+/-744.041 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

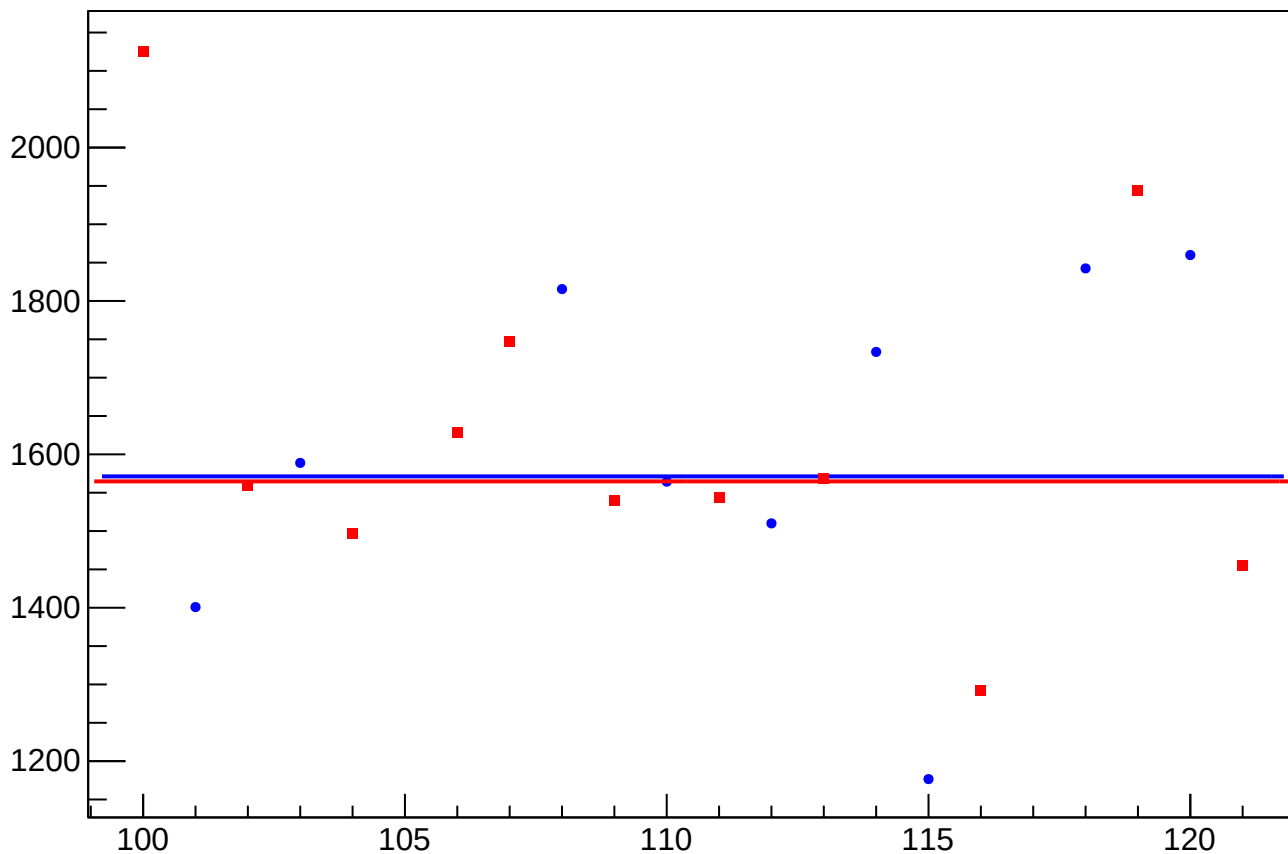
Right: 661.334+/-552.952 χ^2/NDF : 17.5/19

In: -214.142+/-826.415 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.334+/-552.952 χ^2/NDF : 17.5/19

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.761+/-0.526 χ^2/NDF : 91462.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

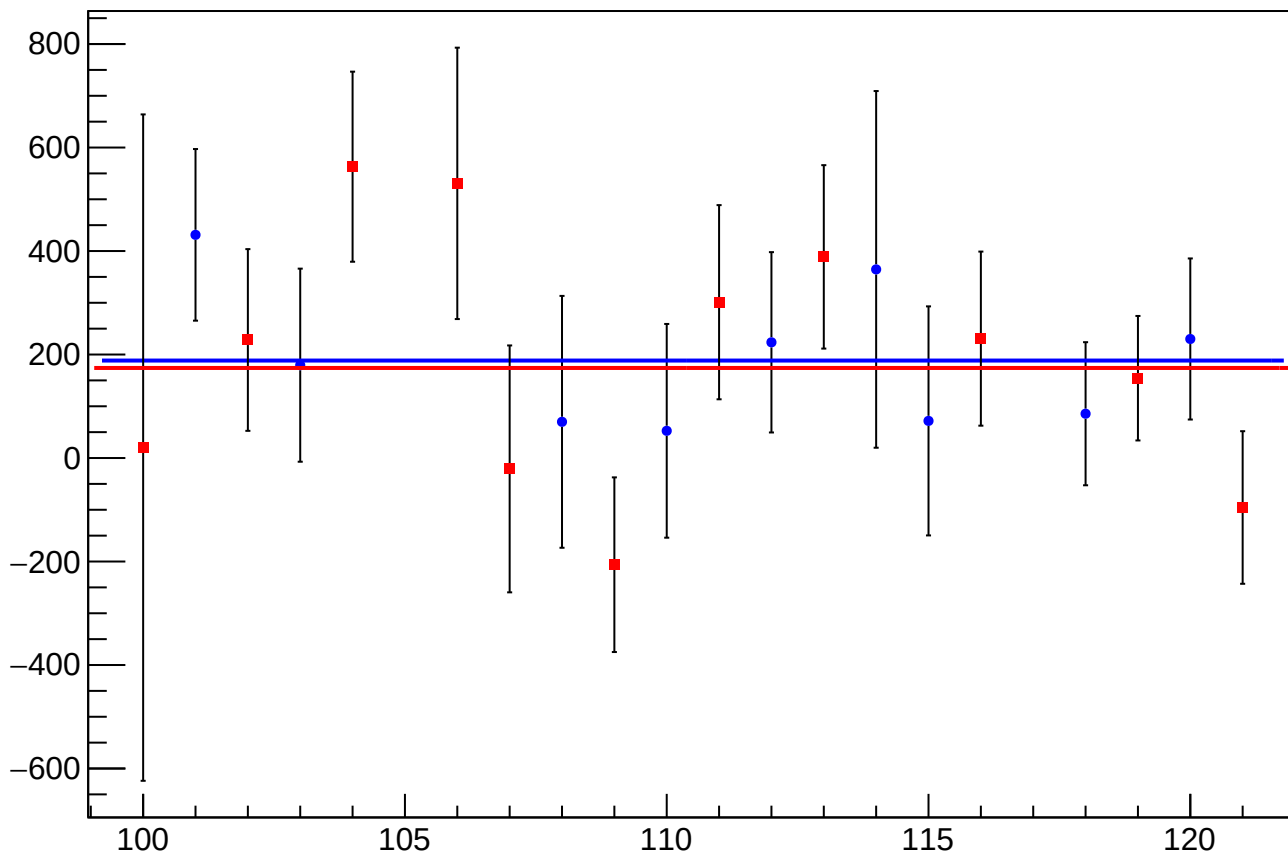
Right: 1567.669+/-0.391 χ^2/NDF : 200918.8/19

In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.669+/-0.391 χ^2/NDF : 200918.8/19

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.361+/-61.924 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.040+/-54.041 χ^2/NDF : 17.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

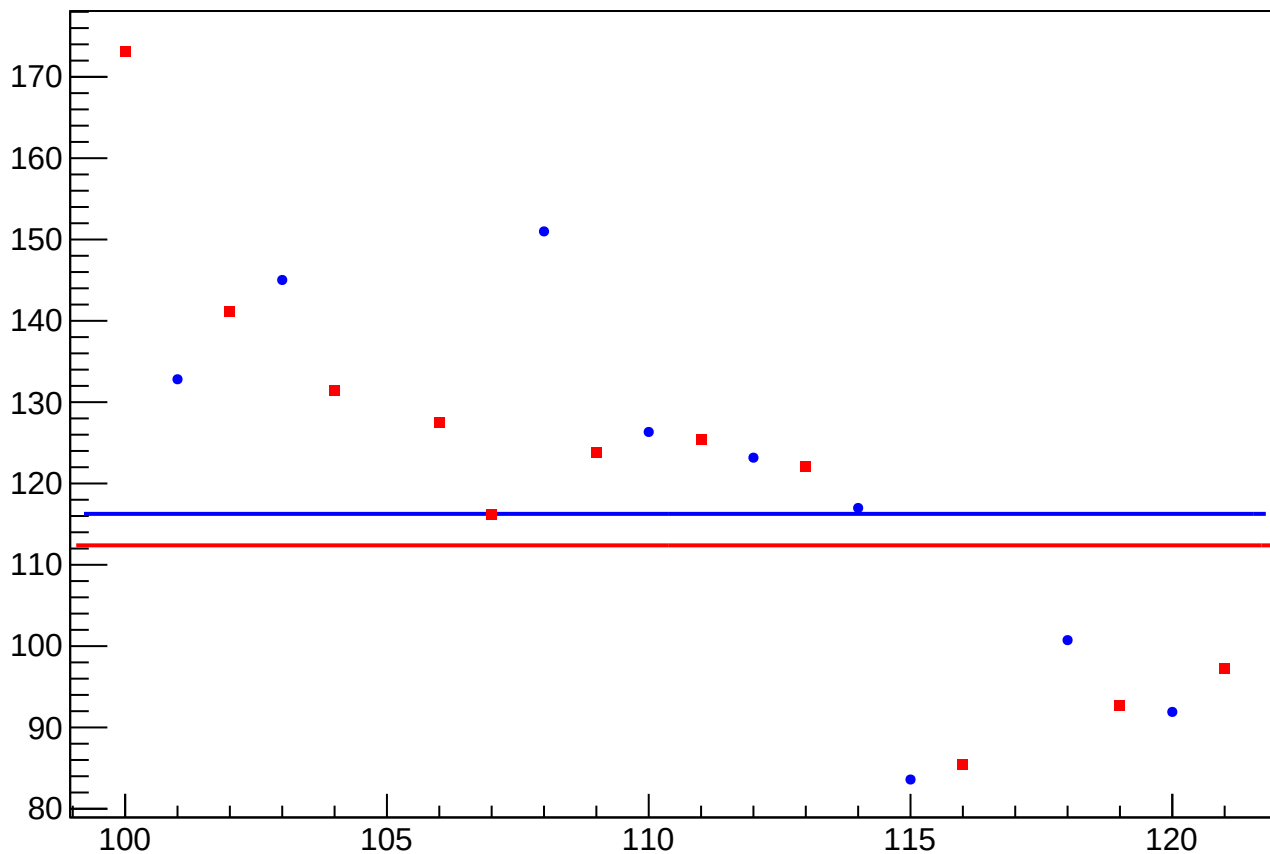
Right: 180.232+/-40.717 χ^2/NDF : 21.7/19

In: 188.361+/-61.924 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.232+/-40.717 χ^2/NDF : 21.7/19

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.264 $\pm$ 0.044 χ^2 /NDF: 233872.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.391 $\pm$ 0.038 χ^2 /NDF: 250924.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

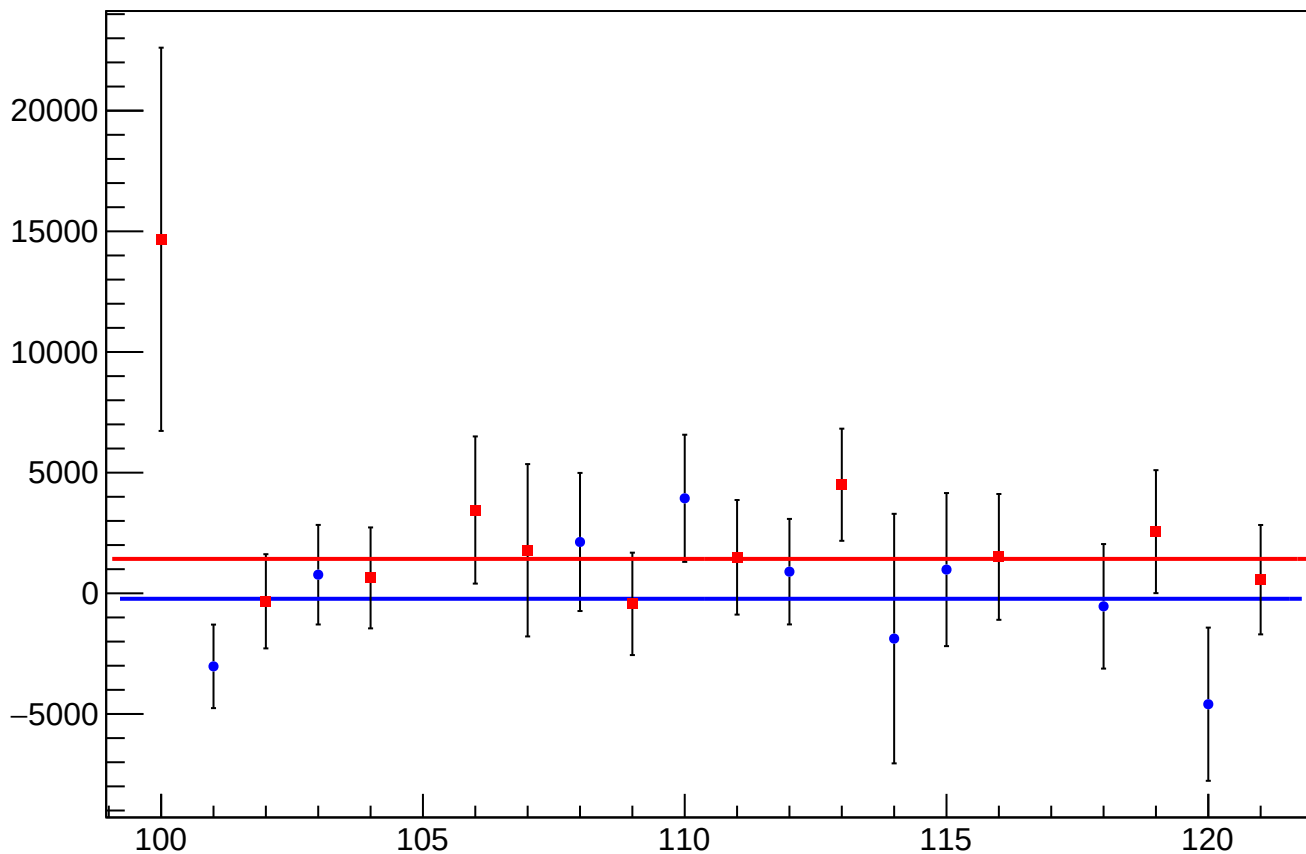
Right: 114.066 $\pm$ 0.029 χ^2 /NDF: 489237.2/19

In: 116.264 $\pm$ 0.044 χ^2 /NDF:233872.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.066 $\pm$ 0.029 χ^2 /NDF: 489237.2/19

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -226.473+/-836.078 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.344+/-750.902 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

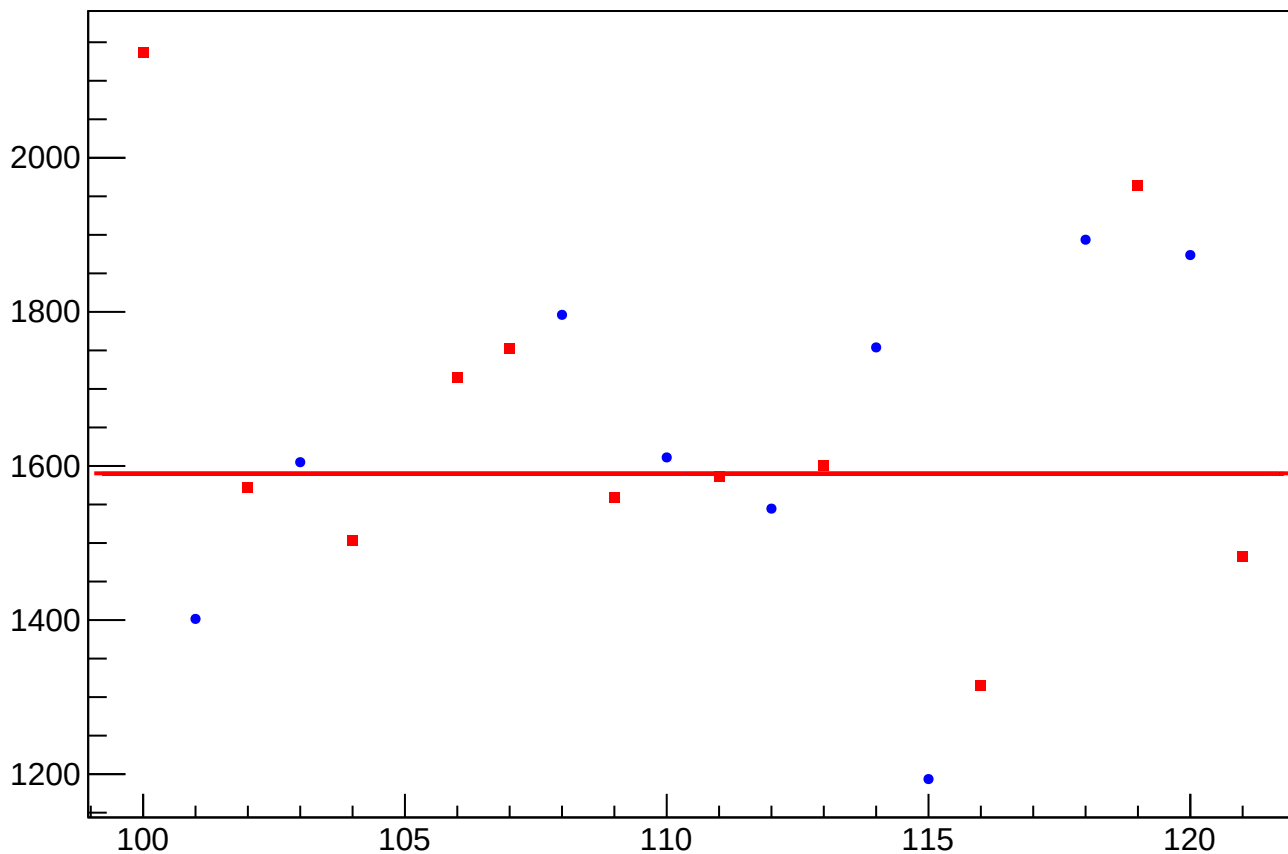
Right: 688.391+/-558.662 χ^2/NDF : 17.7/19

In: -226.473+/-836.078 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.391+/-558.662 χ^2/NDF : 17.7/19

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1589.868 $\pm$ 0.591 χ^2 /NDF: 112141.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1590.462 $\pm$ 0.531 χ^2 /NDF: 90995.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

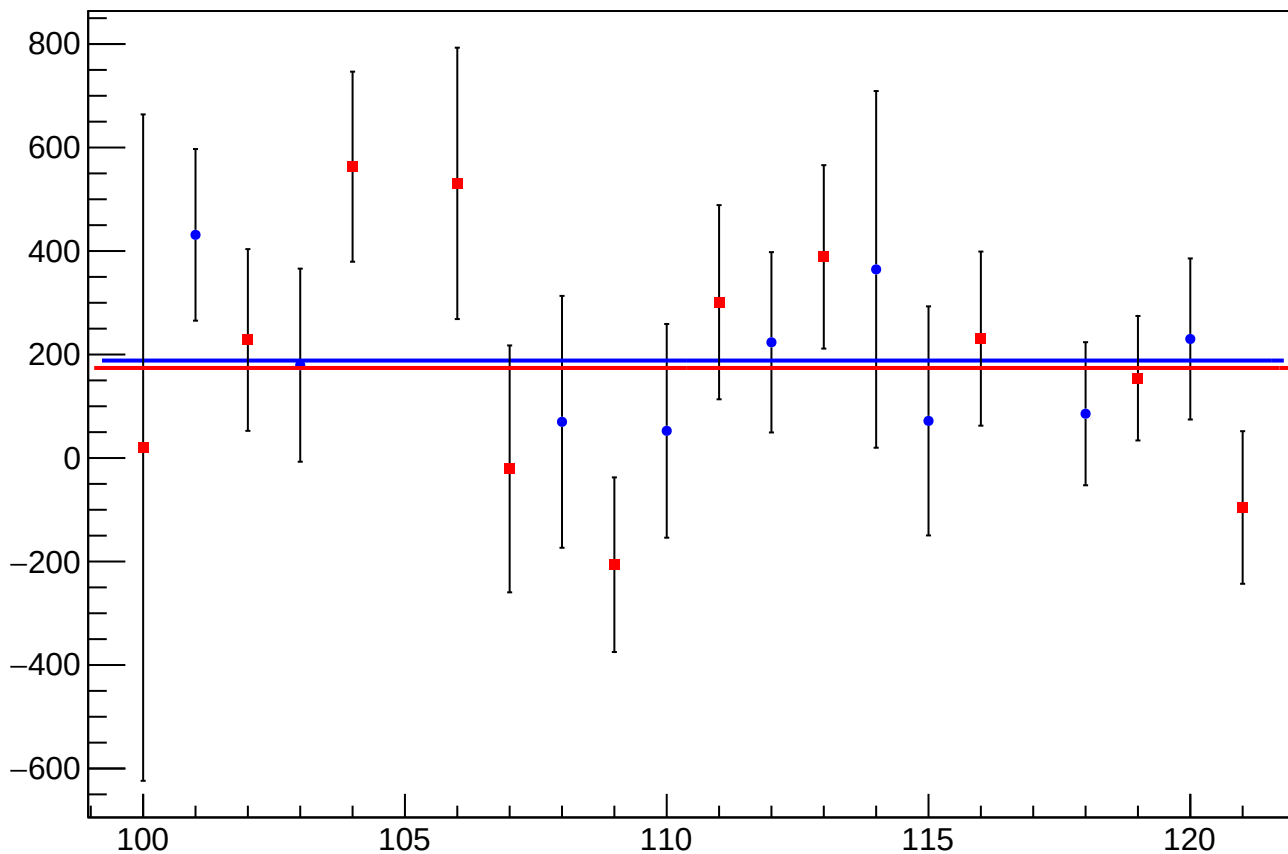
Right: 1590.197 $\pm$ 0.395 χ^2 /NDF: 203137.6/19

In: 1589.868 $\pm$ 0.591 χ^2 /NDF: 112141.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1590.197 $\pm$ 0.395 χ^2 /NDF: 203137.6/19

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.361 $\pm$ 61.923 χ^2 /NDF: 4.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.036 $\pm$ 54.041 χ^2 /NDF: 17.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

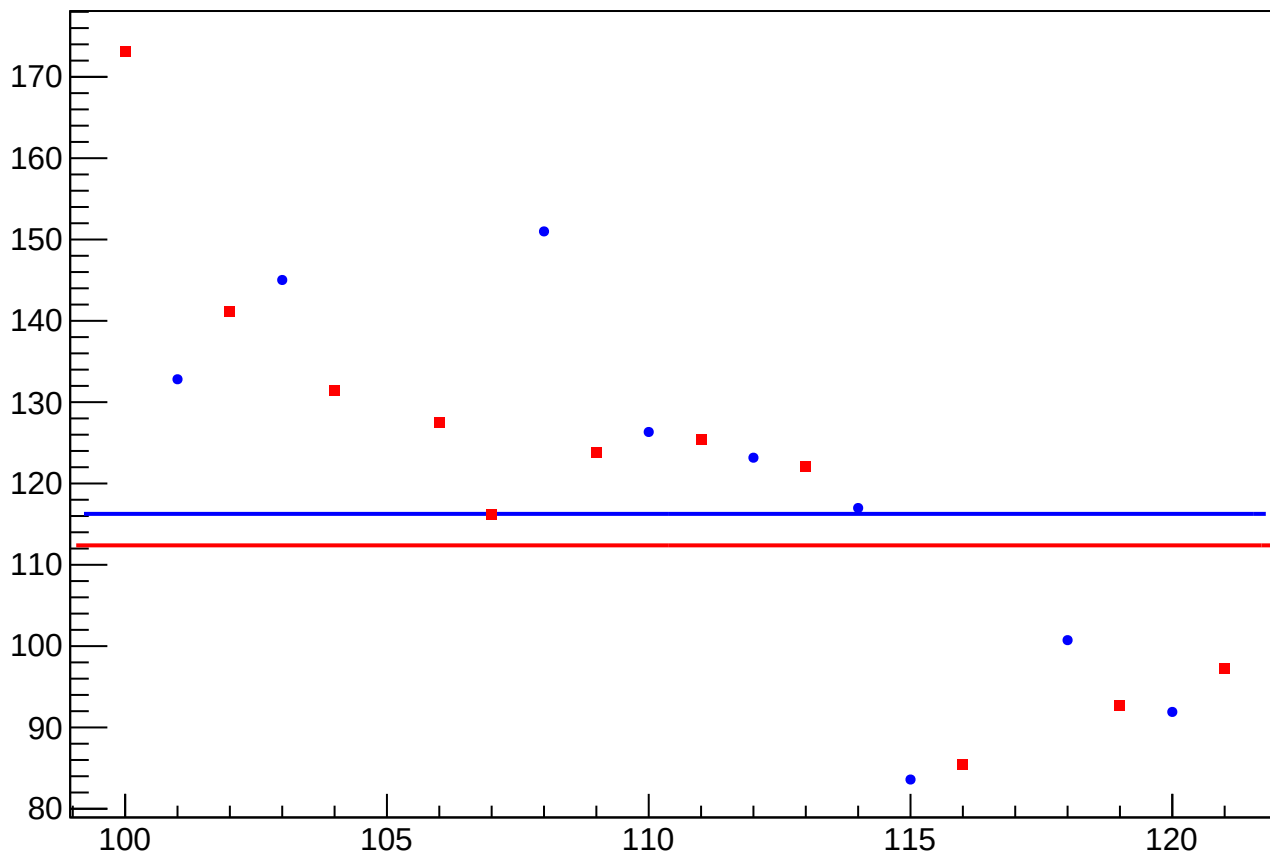
Right: 180.229 $\pm$ 40.716 χ^2 /NDF: 21.7/19

In: 188.361 $\pm$ 61.923 χ^2 /NDF:4.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 180.229 $\pm$ 40.716 χ^2 /NDF: 21.7/19

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.263+/-0.044 χ^2/NDF : 233876.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.390+/-0.038 χ^2/NDF : 250922.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

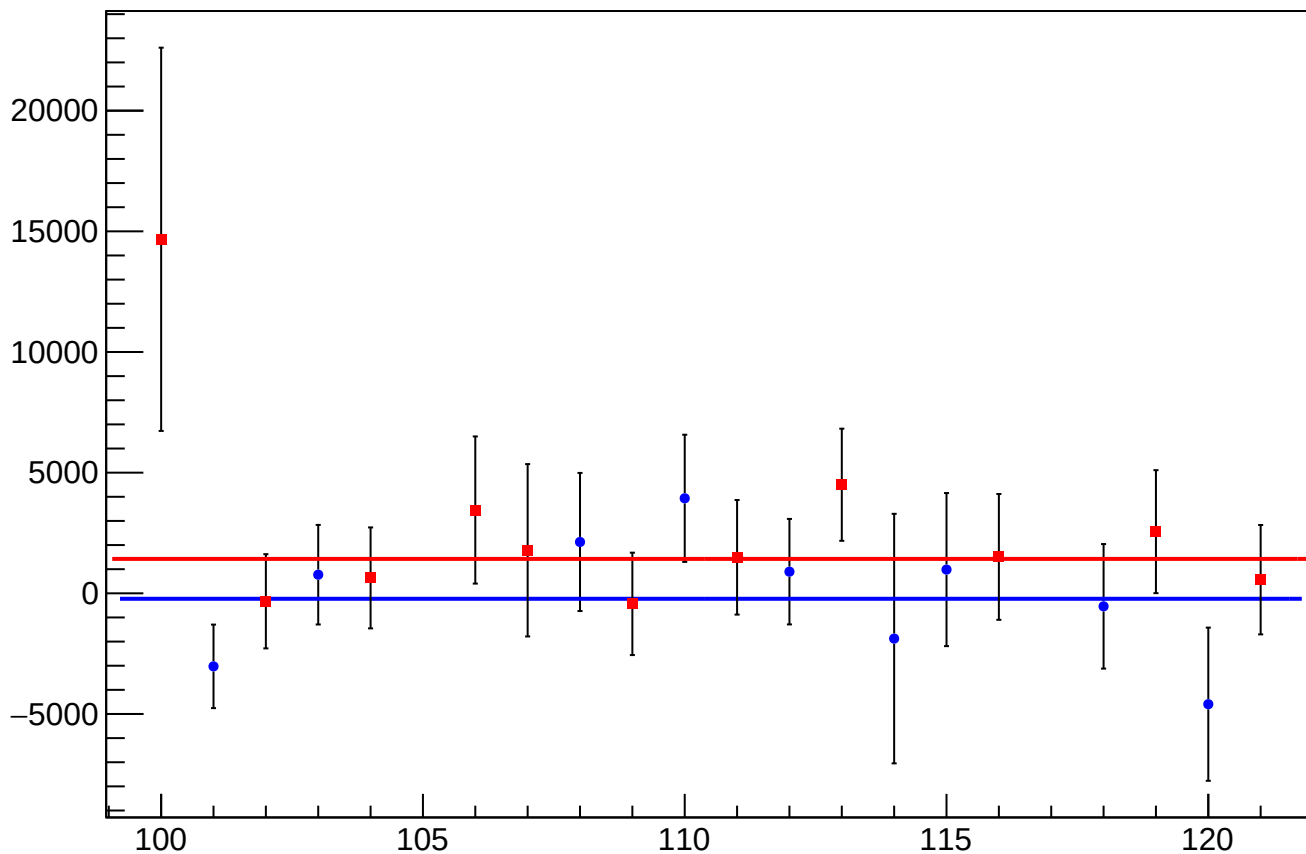
Right: 114.065+/-0.029 χ^2/NDF : 489239.0/19

In: 116.263+/-0.044 χ^2/NDF : 233876.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.065+/-0.029 χ^2/NDF : 489239.0/19

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -226.470+/-836.076 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.342+/-750.900 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

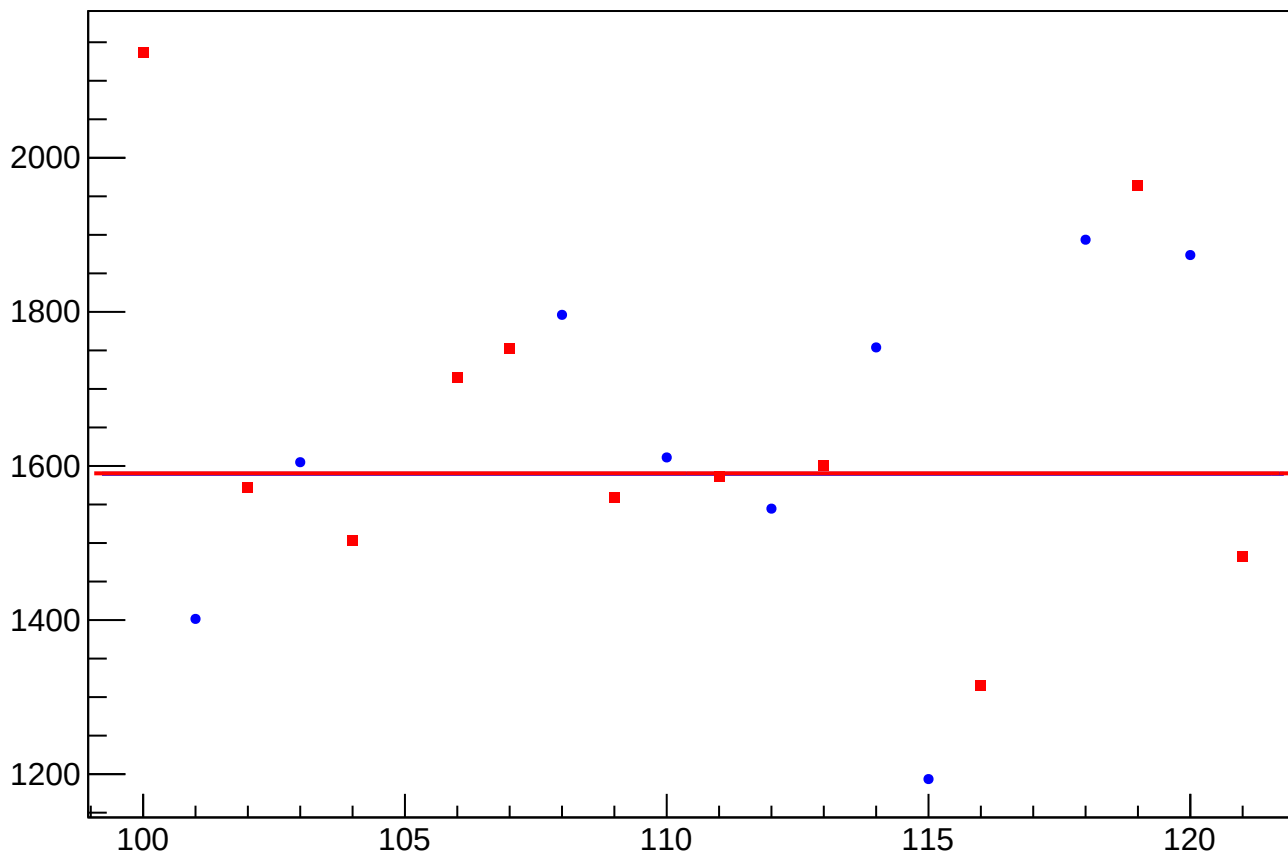
Right: 688.391+/-558.660 χ^2/NDF : 17.7/19

In: -226.470+/-836.076 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.391+/-558.660 χ^2/NDF : 17.7/19

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1589.865+/-0.591 χ^2 /NDF: 112140.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1590.458+/-0.531 χ^2 /NDF: 90995.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

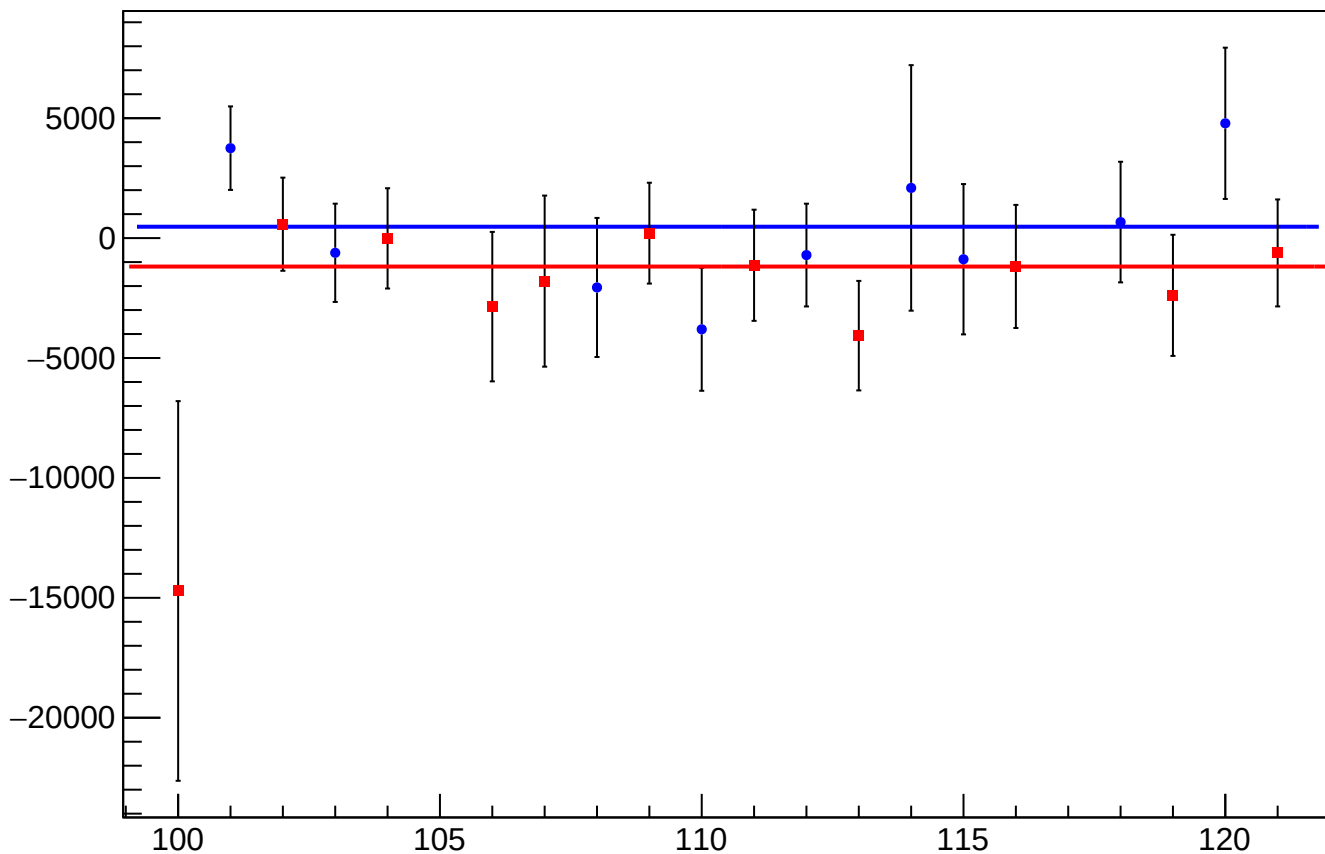
Right: 1590.193+/-0.395 χ^2 /NDF: 203136.6/19

In: 1589.865+/-0.591 χ^2 /NDF:112140.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1590.193+/-0.395 χ^2 /NDF: 203136.6/19

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 474.463+/-828.893 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1186.439+/-744.299 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

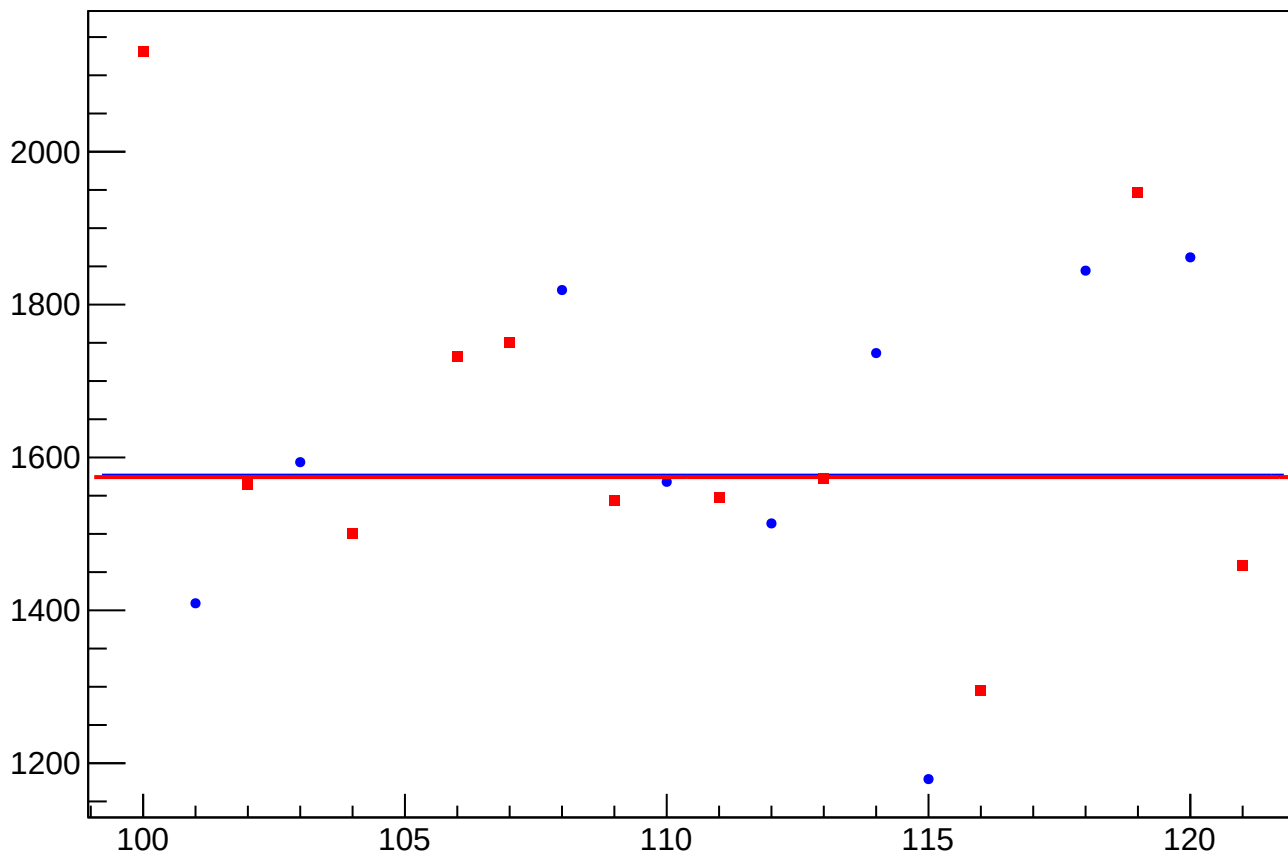
Right: -445.040+/-553.799 χ^2/NDF : 18.8/19

In: 474.463+/-828.893 χ^2/NDF : 9.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.040+/-553.799 χ^2/NDF : 18.8/19

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1576.216+/-0.586 χ^2/NDF : 107489.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1574.322+/-0.526 χ^2/NDF : 95606.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

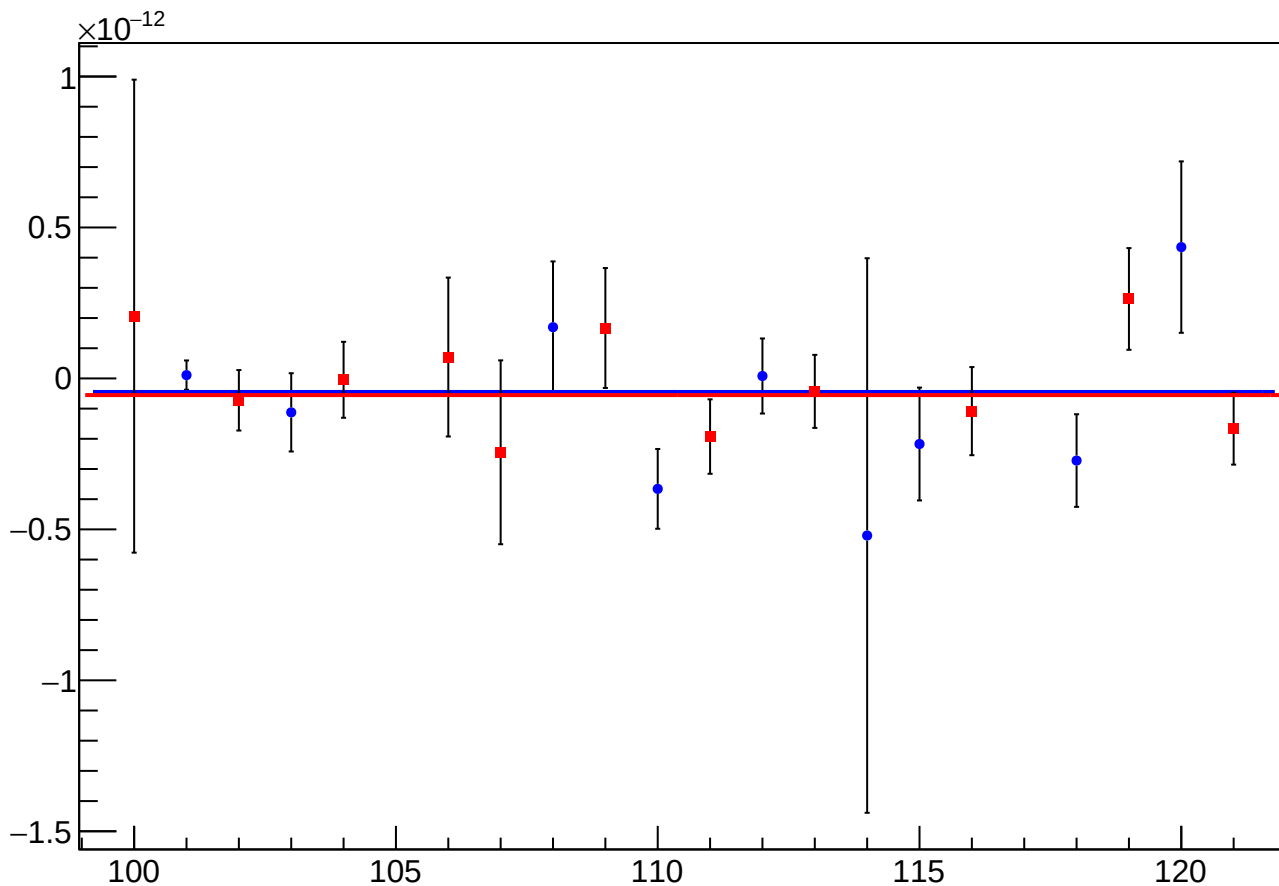
Right: 1575.168+/-0.392 χ^2/NDF : 203101.6/19

In: 1576.216+/-0.586 χ^2/NDF : 107489.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.168+/-0.392 χ^2/NDF : 203101.6/19

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

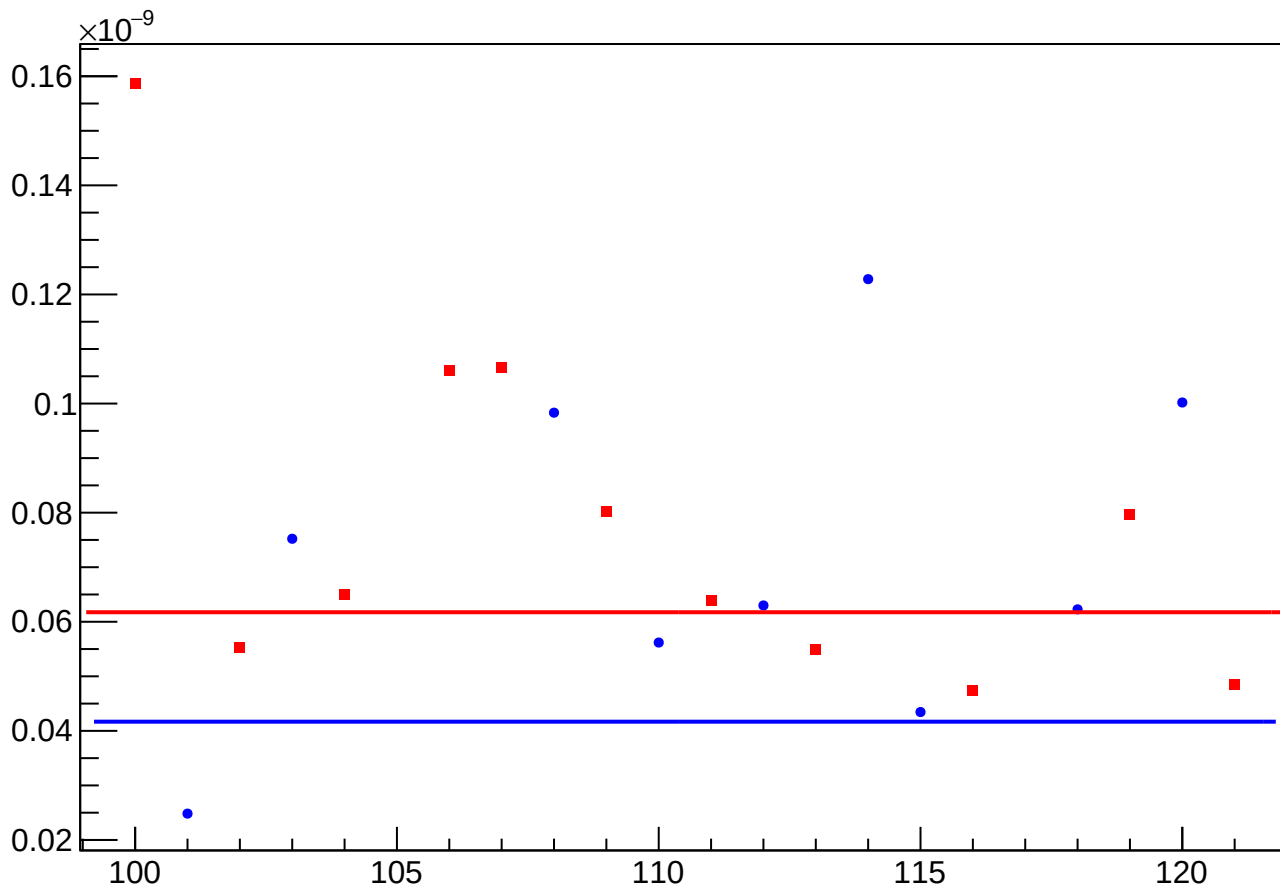
Right: -0.000+/-0.000 χ^2 /NDF: 22.8/19

In: -0.000+/-0.000 χ^2 /NDF:14.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.8/19

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 729530.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 230629.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

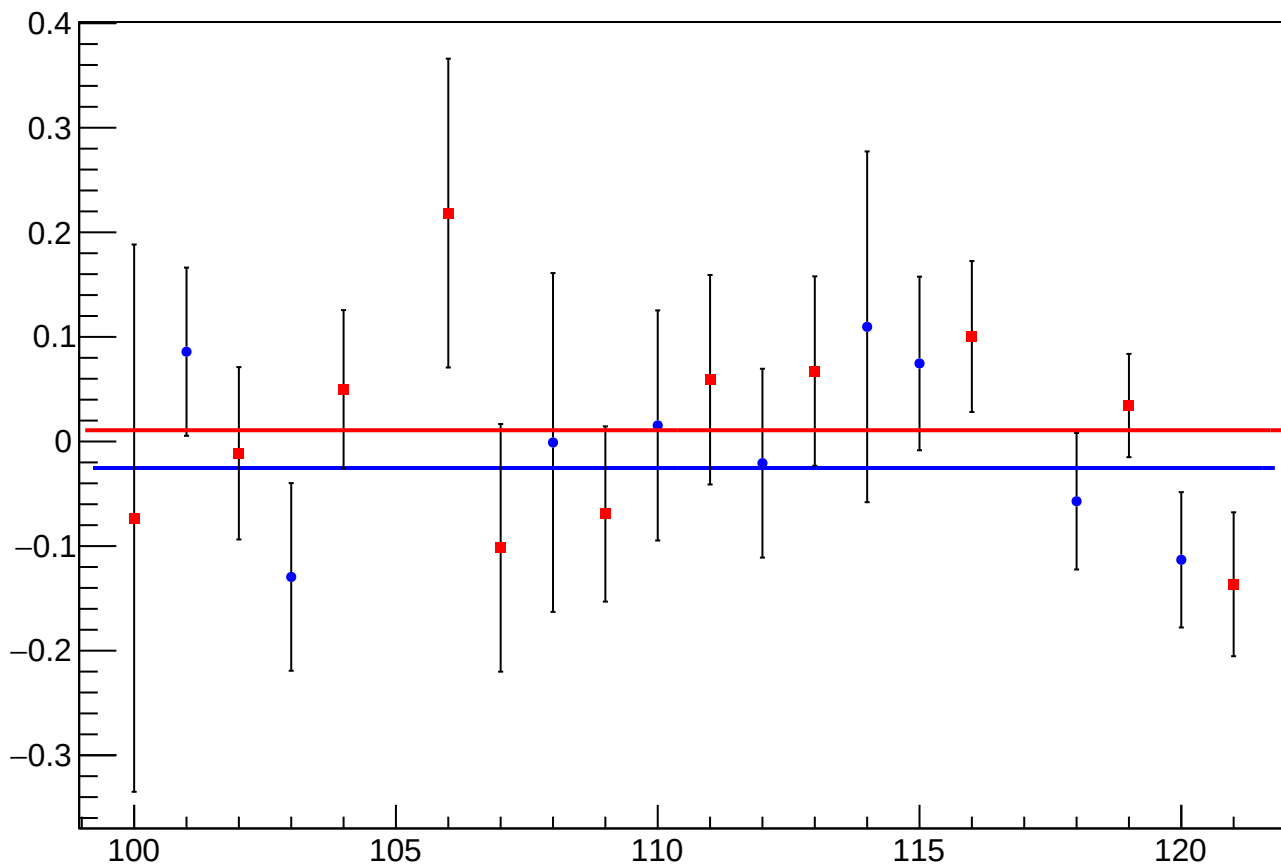
Right: 0.000+/-0.000 χ^2/NDF : 1197094.3/19

In: 0.000+/-0.000 χ^2/NDF : 729530.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1197094.3/19

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.029 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.025 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

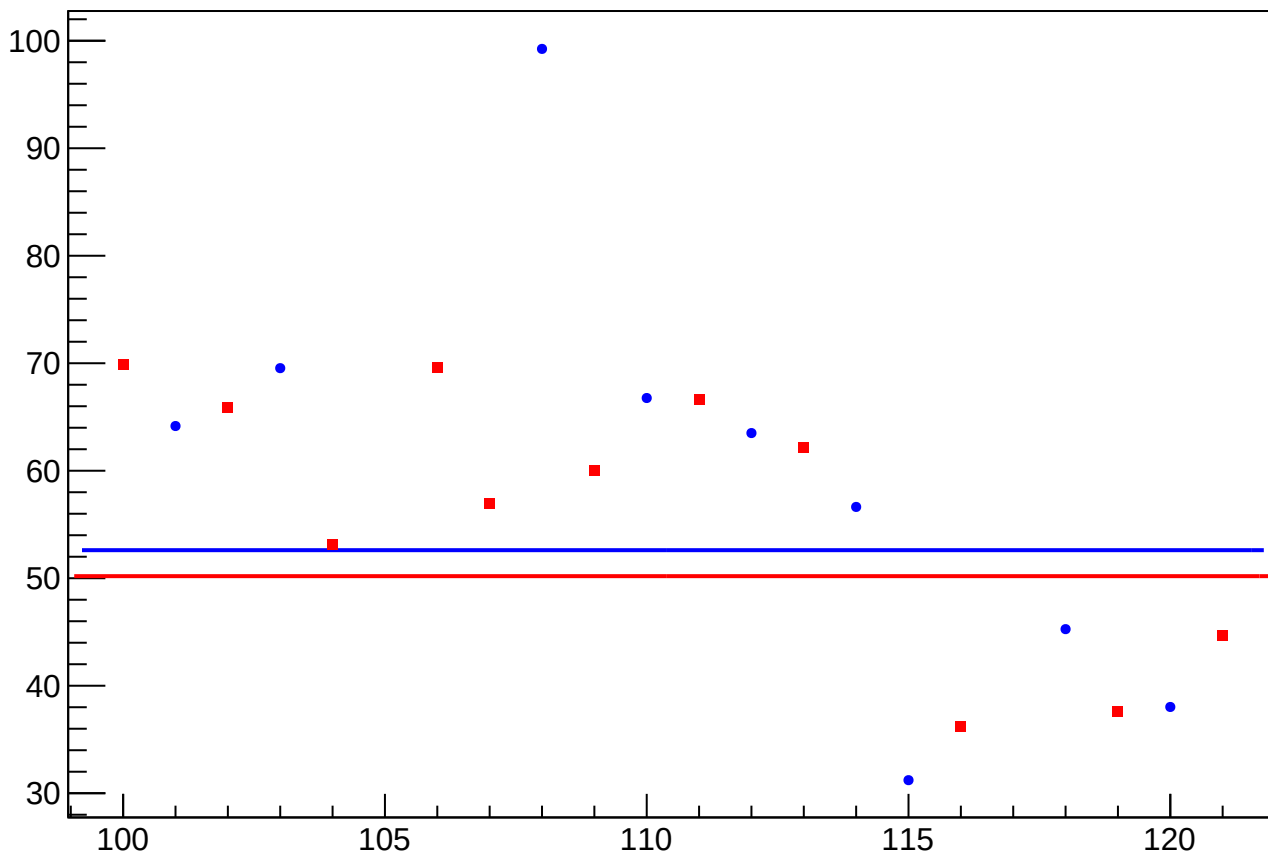
Right: -0.004+/-0.019 χ^2/NDF : 19.7/19

In: -0.025+/-0.029 χ^2/NDF :7.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.019 χ^2/NDF : 19.7/19

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.610 $\pm$ 0.021 χ^2 /NDF: 601581.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.193 $\pm$ 0.018 χ^2 /NDF: 462053.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

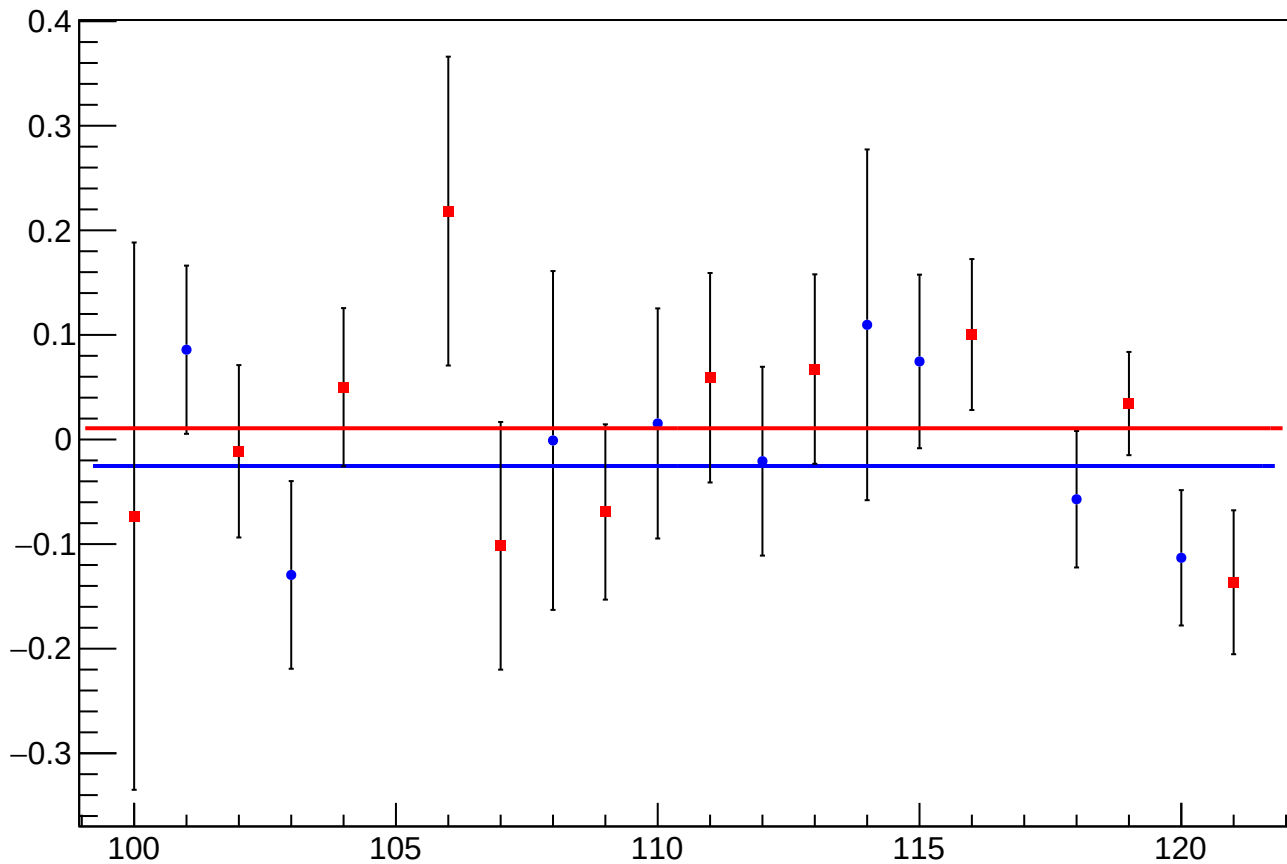
Right: 51.206 $\pm$ 0.013 χ^2 /NDF: 1071620.8/19

In: 52.610 $\pm$ 0.021 χ^2 /NDF:601581.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.206 $\pm$ 0.013 χ^2 /NDF: 1071620.8/19

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.029 χ^2 /NDF: 7.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.025 χ^2 /NDF: 11.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

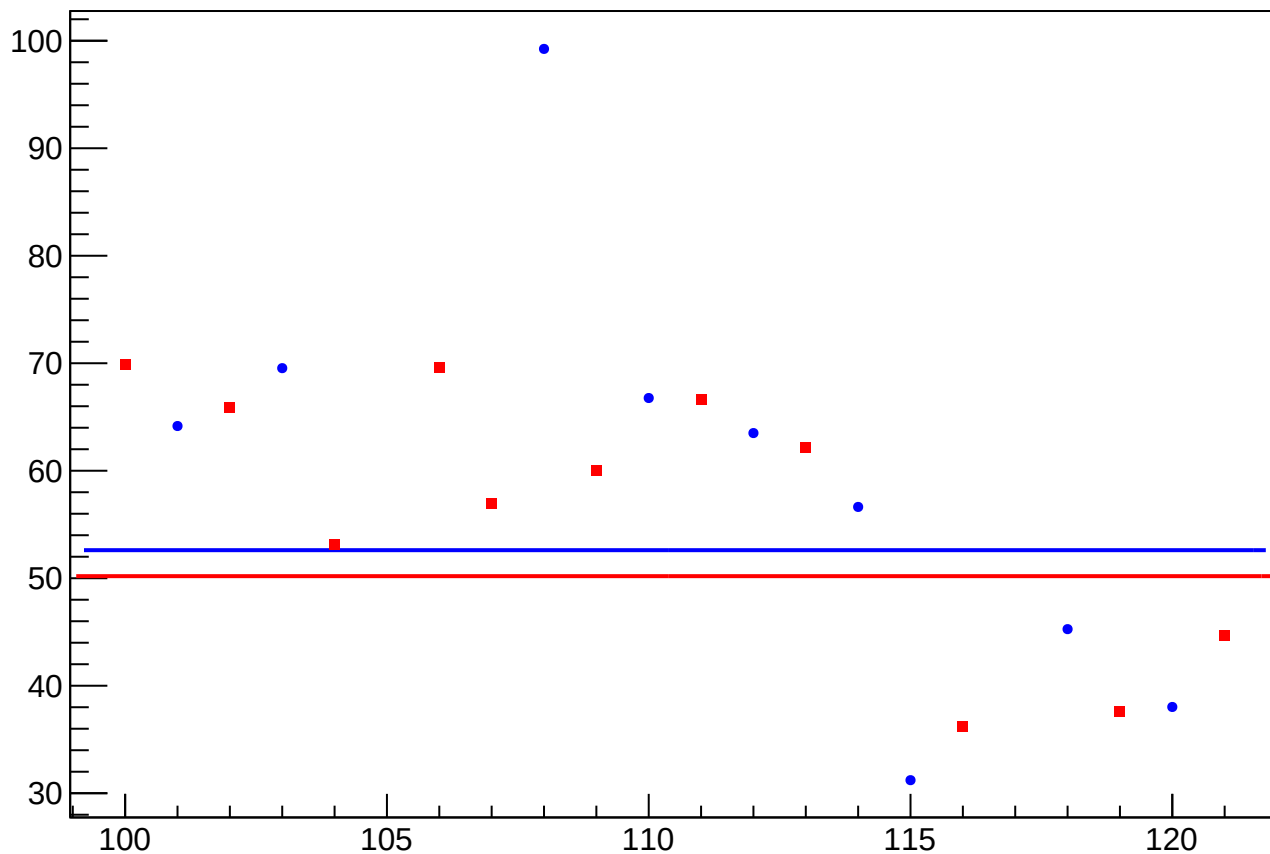
Right: -0.004 $\pm$ 0.019 χ^2 /NDF: 19.7/19

In: -0.025 $\pm$ 0.029 χ^2 /NDF:7.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.019 χ^2 /NDF: 19.7/19

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.610 $\pm$ 0.021 χ^2 /NDF: 601581.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.193 $\pm$ 0.018 χ^2 /NDF: 462053.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

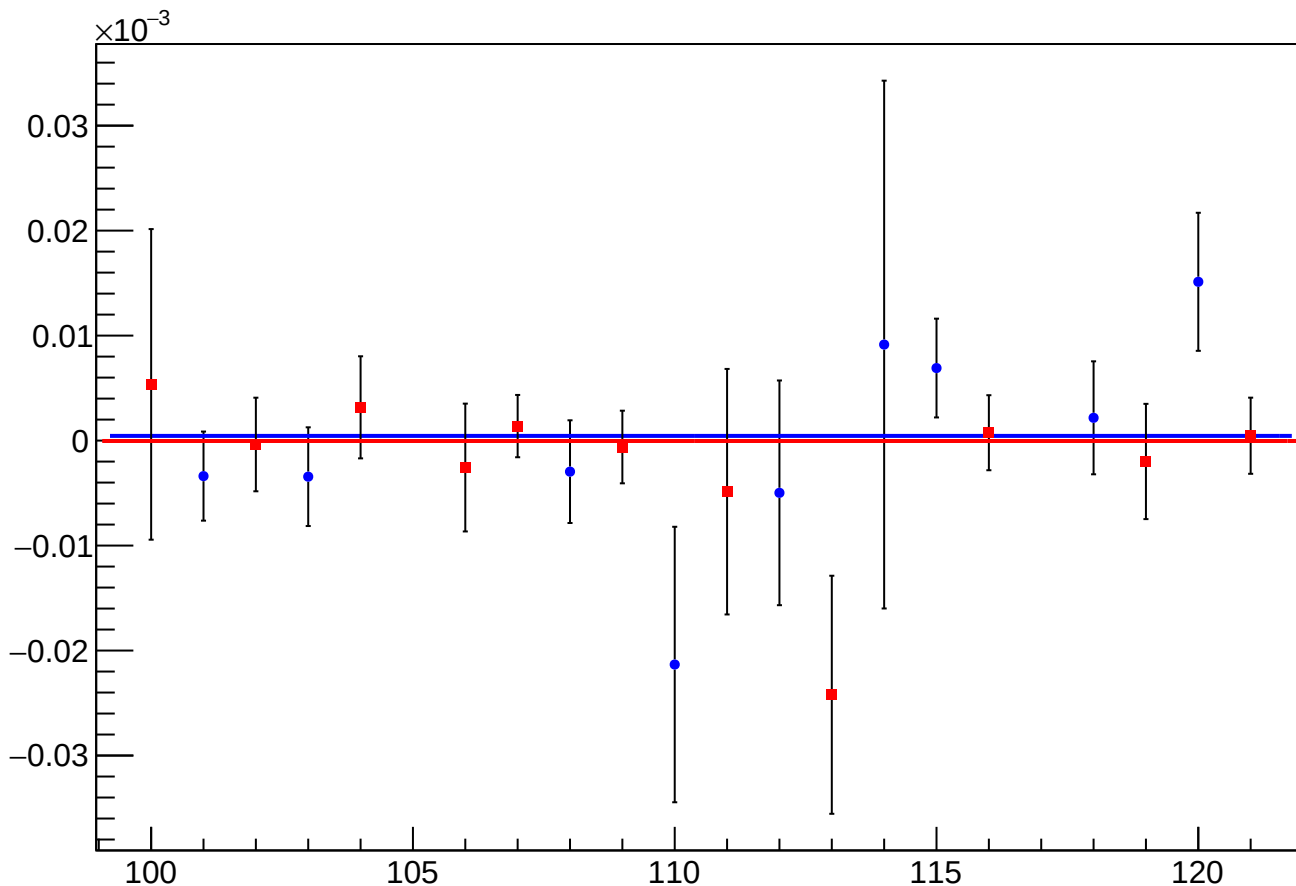
Right: 51.206 $\pm$ 0.013 χ^2 /NDF: 1071620.8/19

In: 52.610 $\pm$ 0.021 χ^2 /NDF:601581.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.206 $\pm$ 0.013 χ^2 /NDF: 1071620.8/19

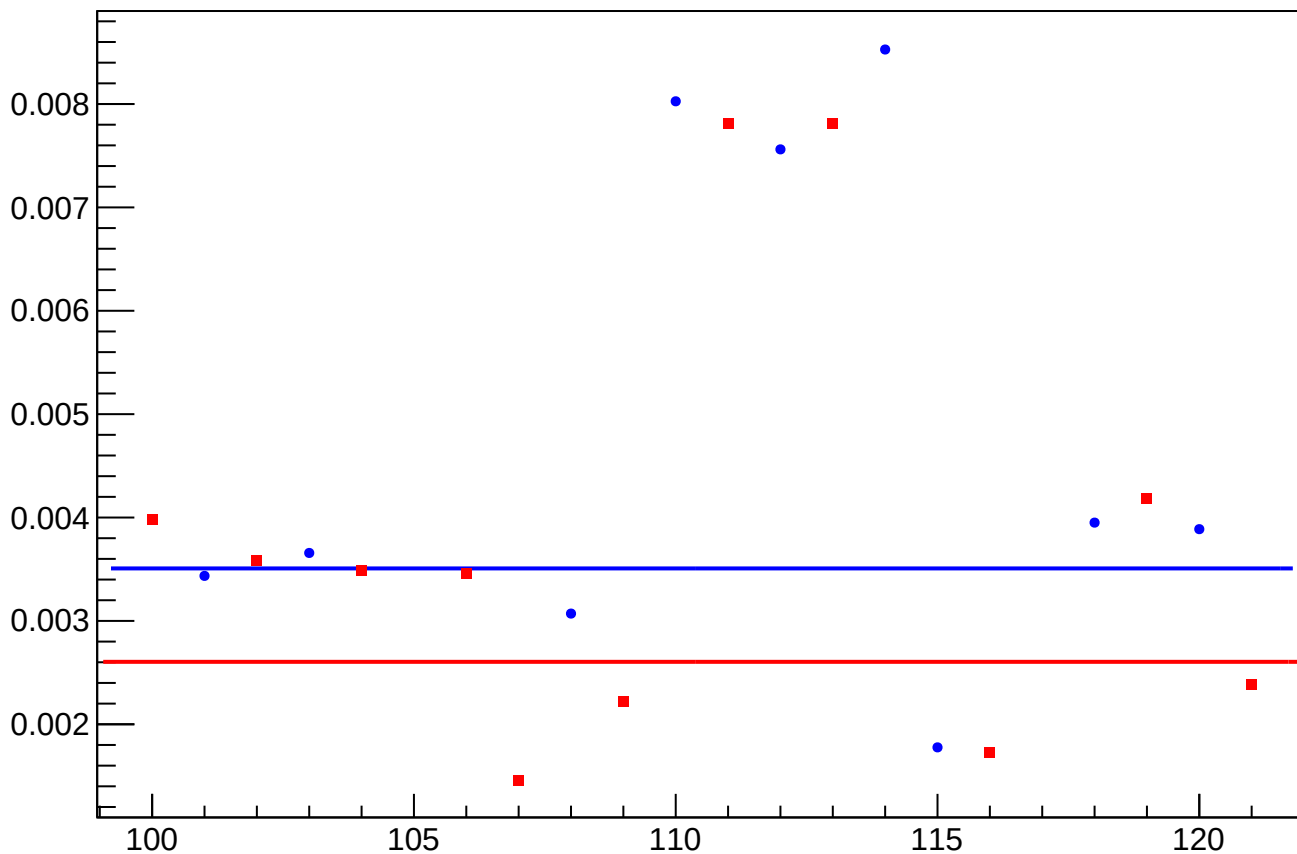
asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 18.0/19
 In: 0.000+/-0.000 χ^2/NDF : 12.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 18.0/19

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 913409.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1656363.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

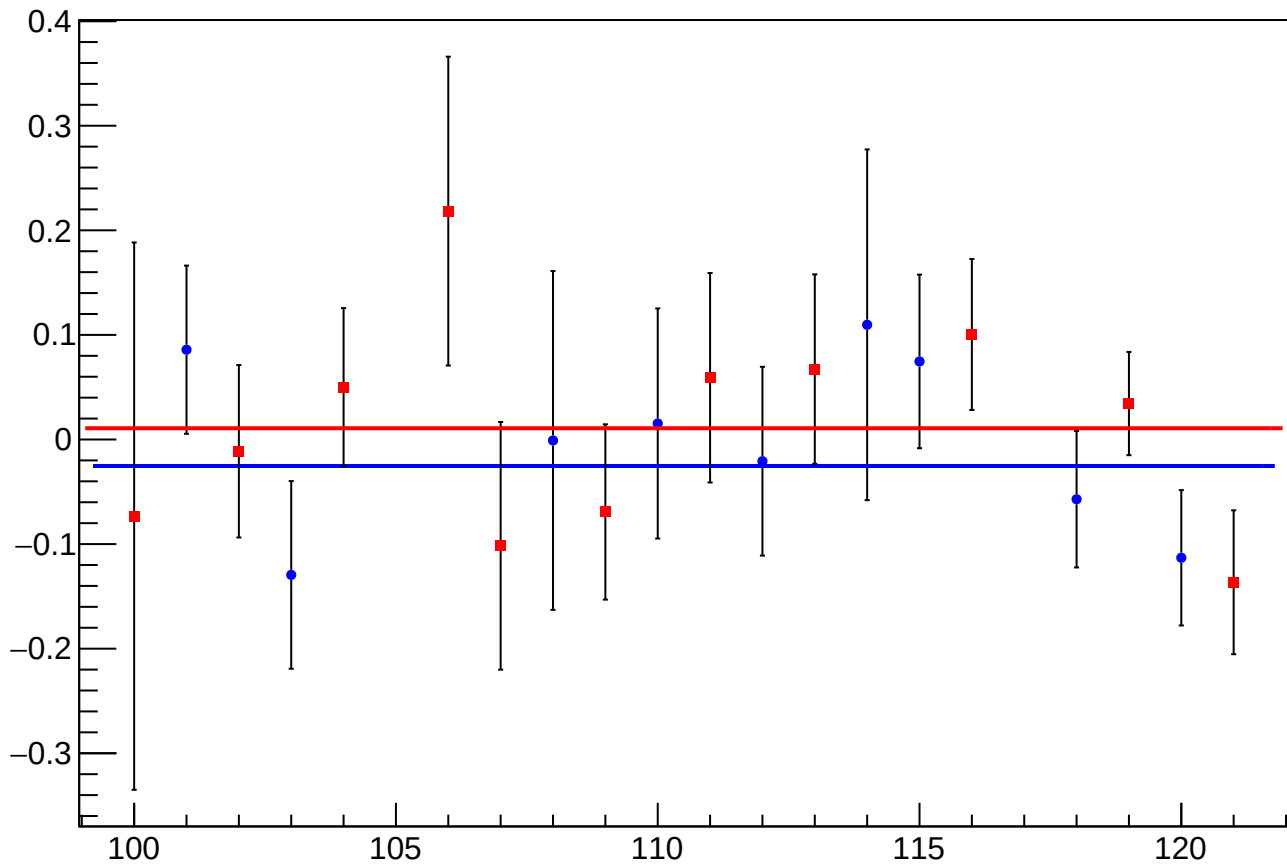
Right: 0.003+/-0.000 χ^2/NDF : 2854594.2/19

In: 0.004+/-0.000 χ^2/NDF : 913409.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2854594.2/19

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.029 χ^2/NDF : 7.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.025 χ^2/NDF : 11.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

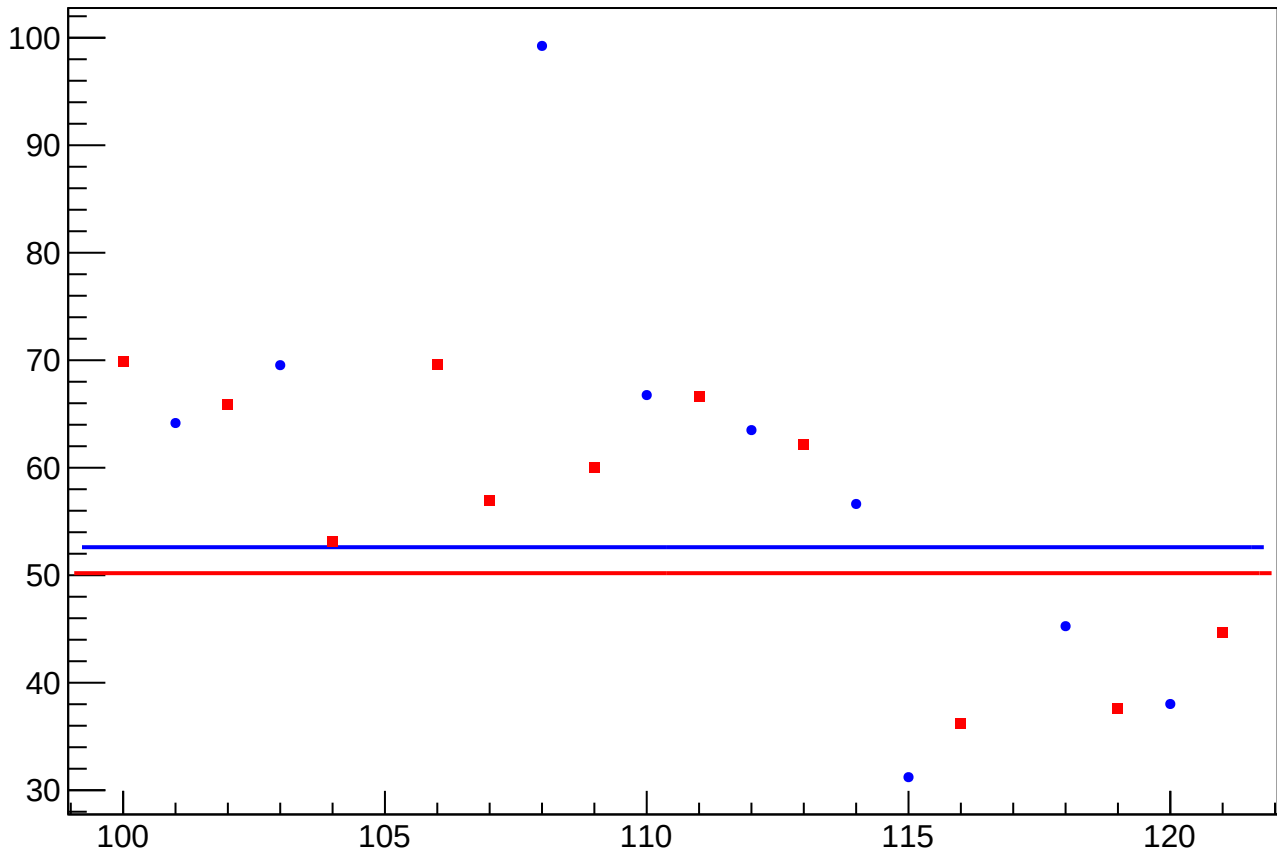
Right: -0.004 ± 0.019 χ^2/NDF : 19.7/19

In: -0.025 ± 0.029 χ^2/NDF : 7.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.019 χ^2/NDF : 19.7/19

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.608 $\pm$ 0.021 χ^2 /NDF: 601597.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.192 $\pm$ 0.018 χ^2 /NDF: 462061.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

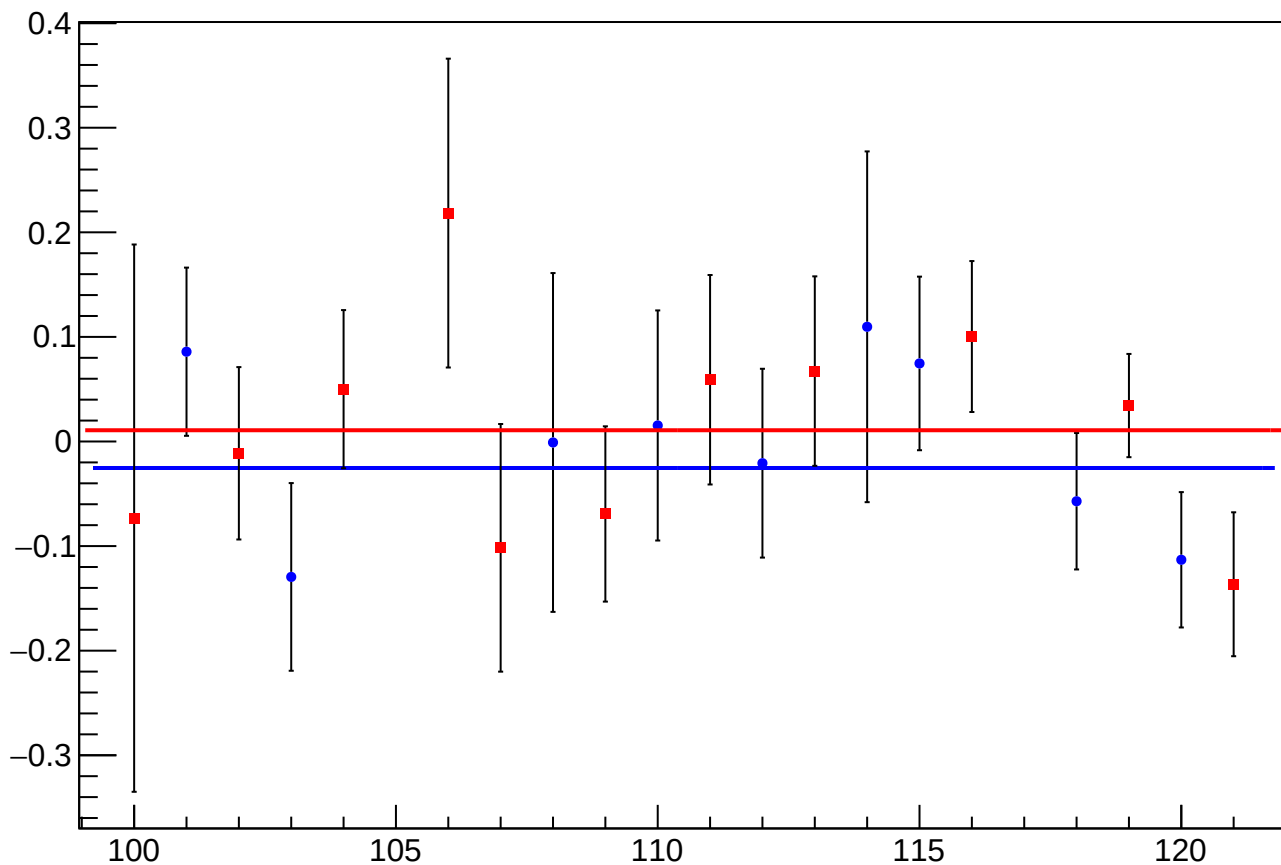
Right: 51.204 $\pm$ 0.013 χ^2 /NDF: 1071642.0/19

In: 52.608 $\pm$ 0.021 χ^2 /NDF:601597.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.204 $\pm$ 0.013 χ^2 /NDF: 1071642.0/19

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.029 χ^2 /NDF: 7.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.025 χ^2 /NDF: 11.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

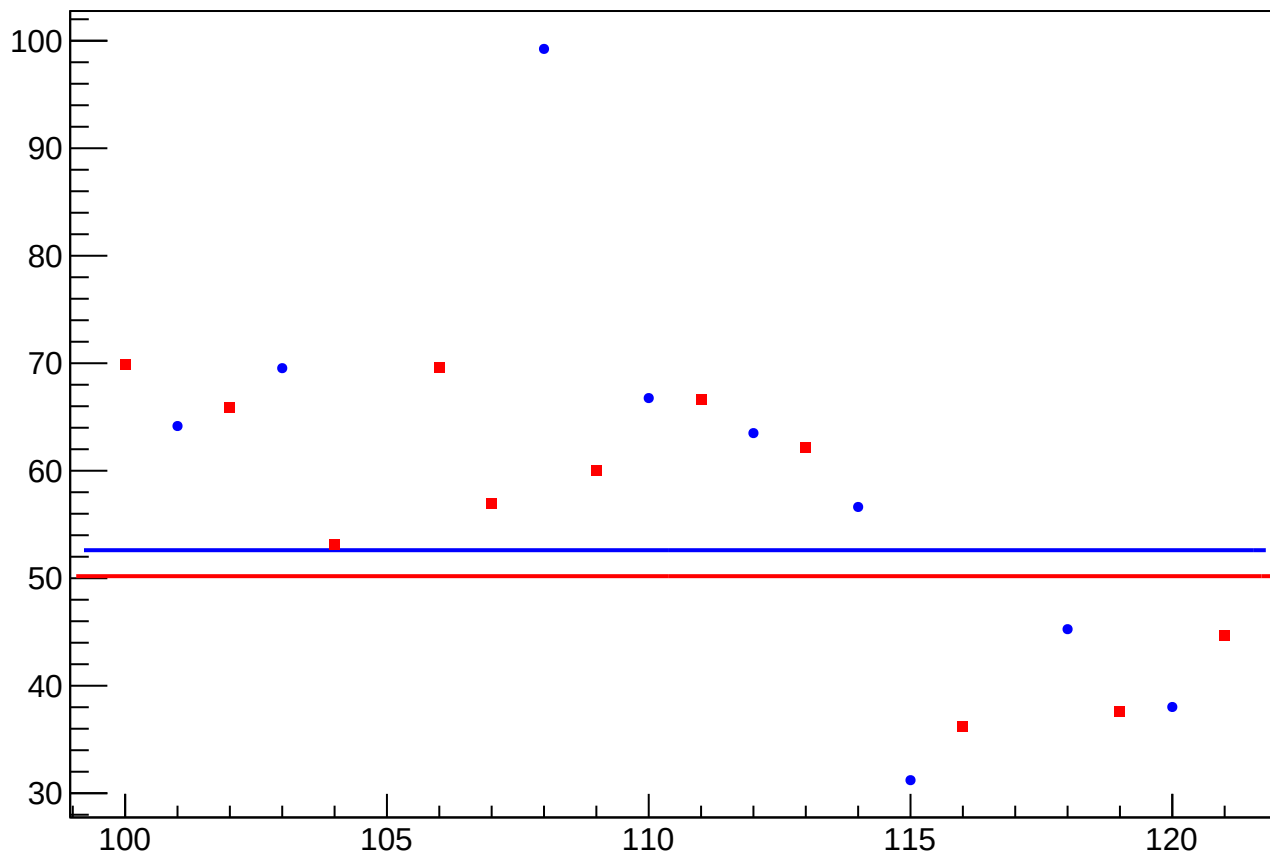
Right: -0.004 $\pm$ 0.019 χ^2 /NDF: 19.7/19

In: -0.025 $\pm$ 0.029 χ^2 /NDF:7.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.019 χ^2 /NDF: 19.7/19

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.608 $\pm$ 0.021 χ^2 /NDF: 601597.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.192 $\pm$ 0.018 χ^2 /NDF: 462061.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

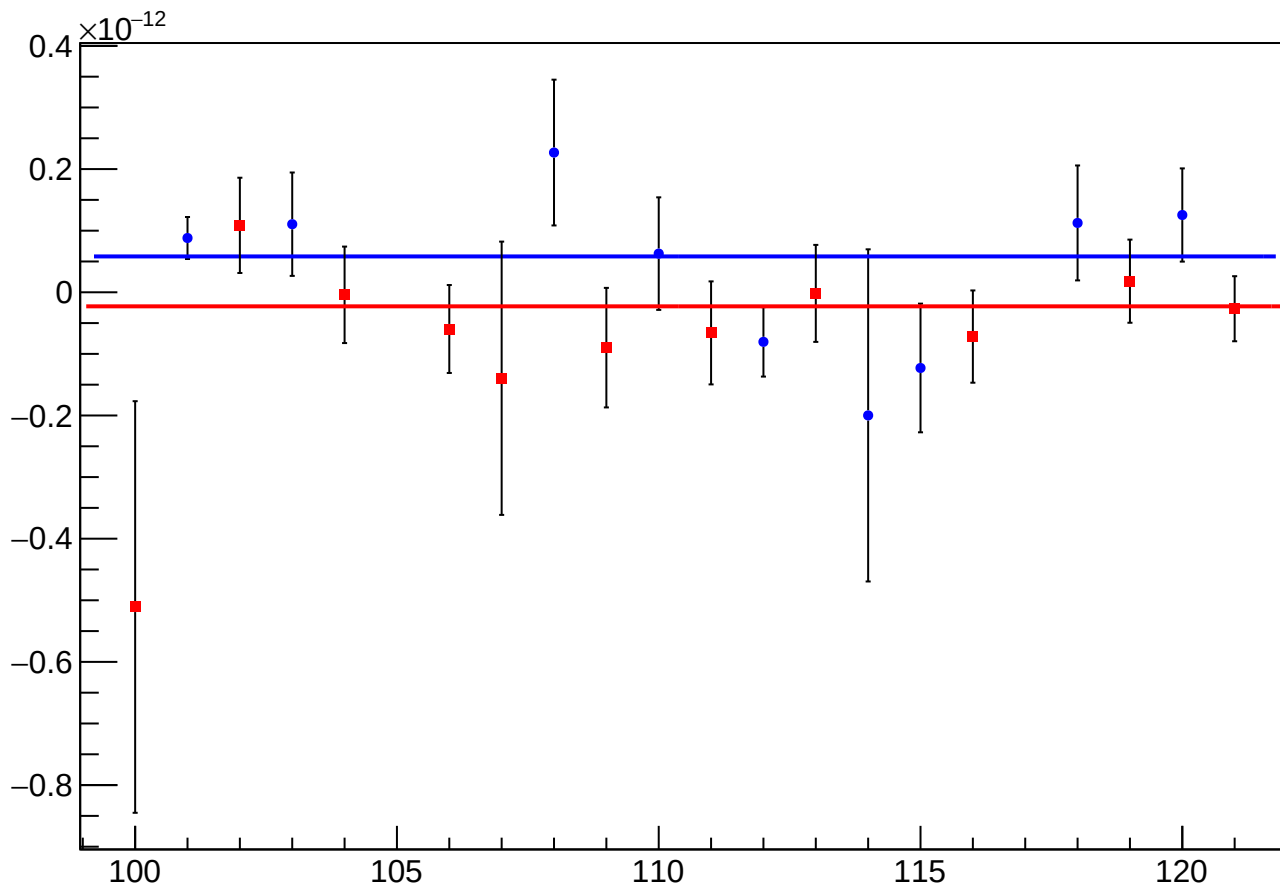
Right: 51.204 $\pm$ 0.013 χ^2 /NDF: 1071642.0/19

In: 52.608 $\pm$ 0.021 χ^2 /NDF:601597.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.204 $\pm$ 0.013 χ^2 /NDF: 1071642.0/19

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

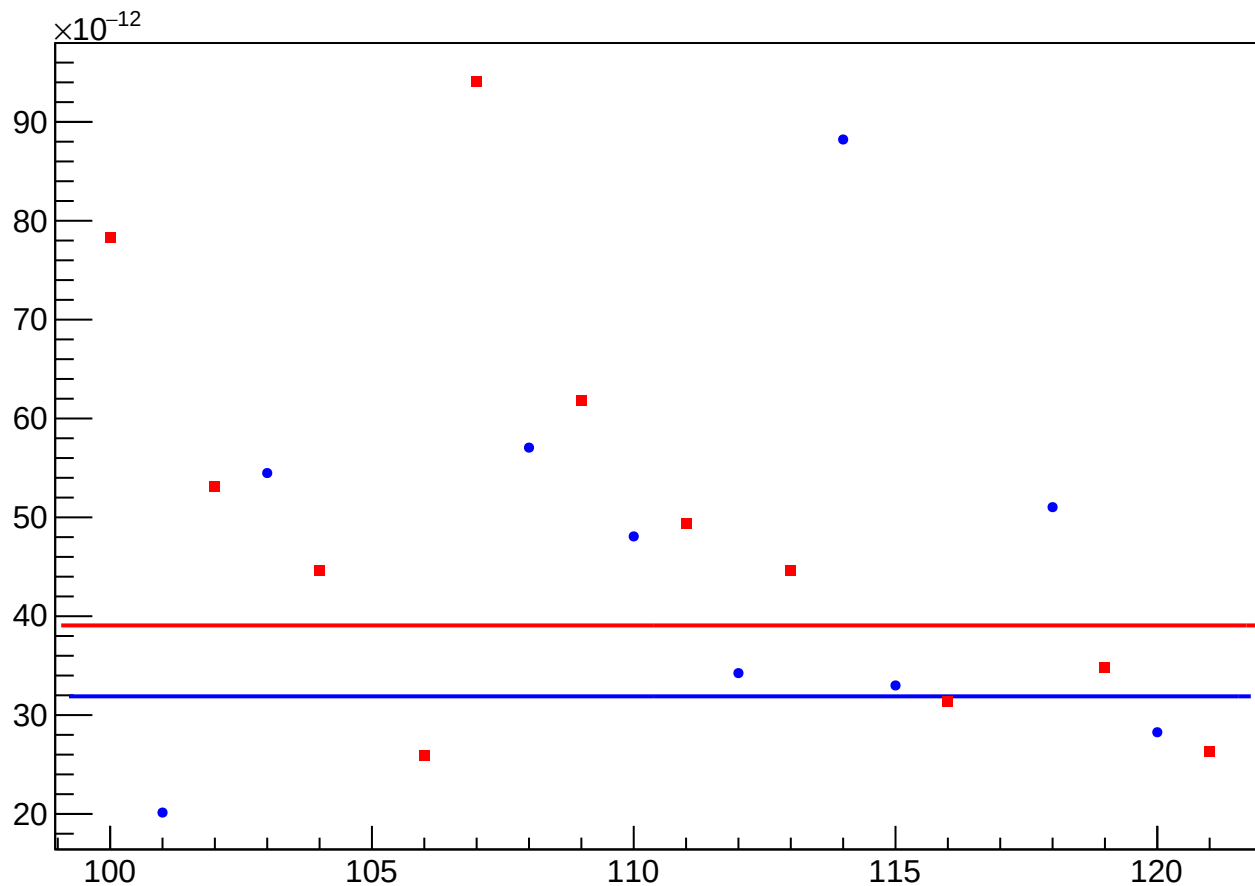
Right: 0.000+/-0.000 χ^2/NDF : 27.5/19

In: 0.000+/-0.000 χ^2/NDF : 14.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/19

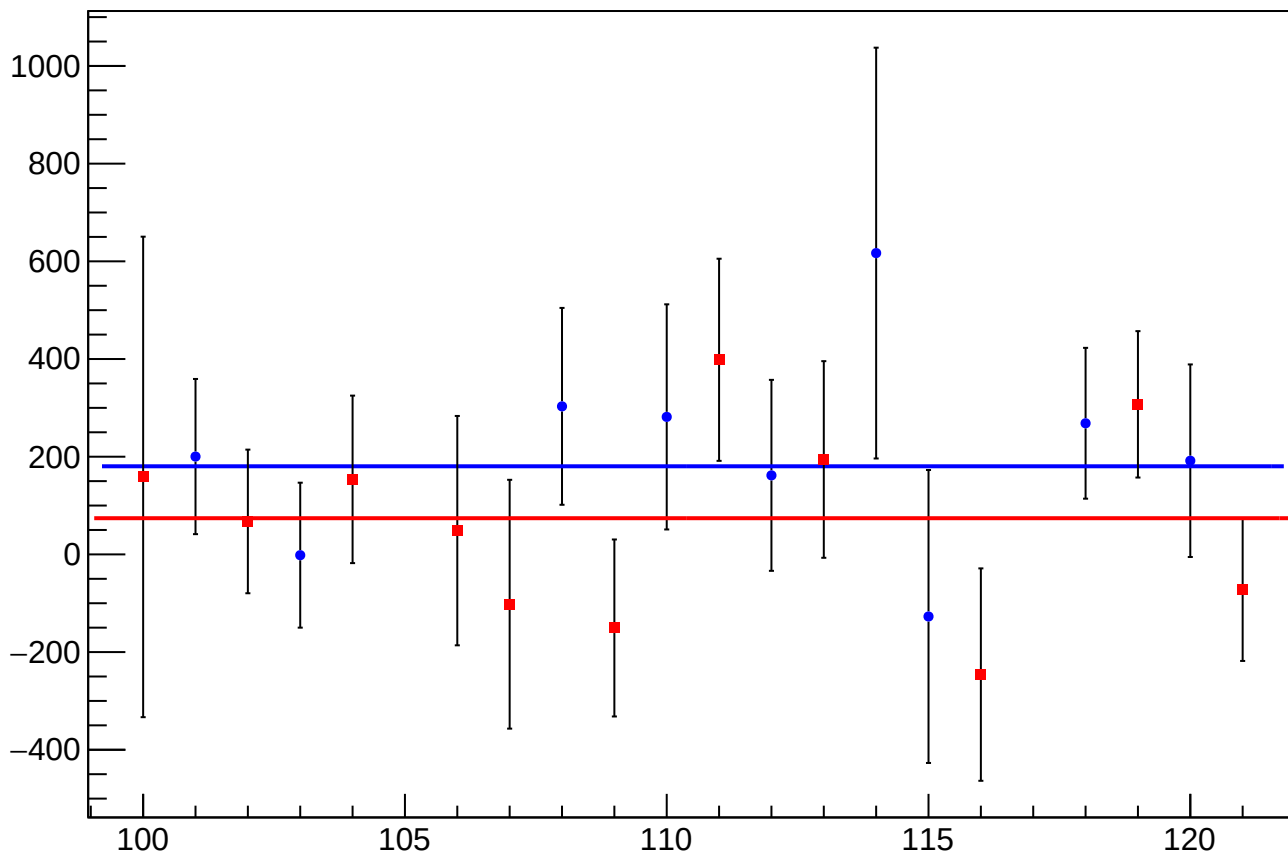
asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 715752.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 591636.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1400484.1/19
 In: 0.000+/-0.000 χ^2/NDF : 715752.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1400484.1/19

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.393 $\pm$ 64.670 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.092 $\pm$ 56.877 χ^2 /NDF: 10.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

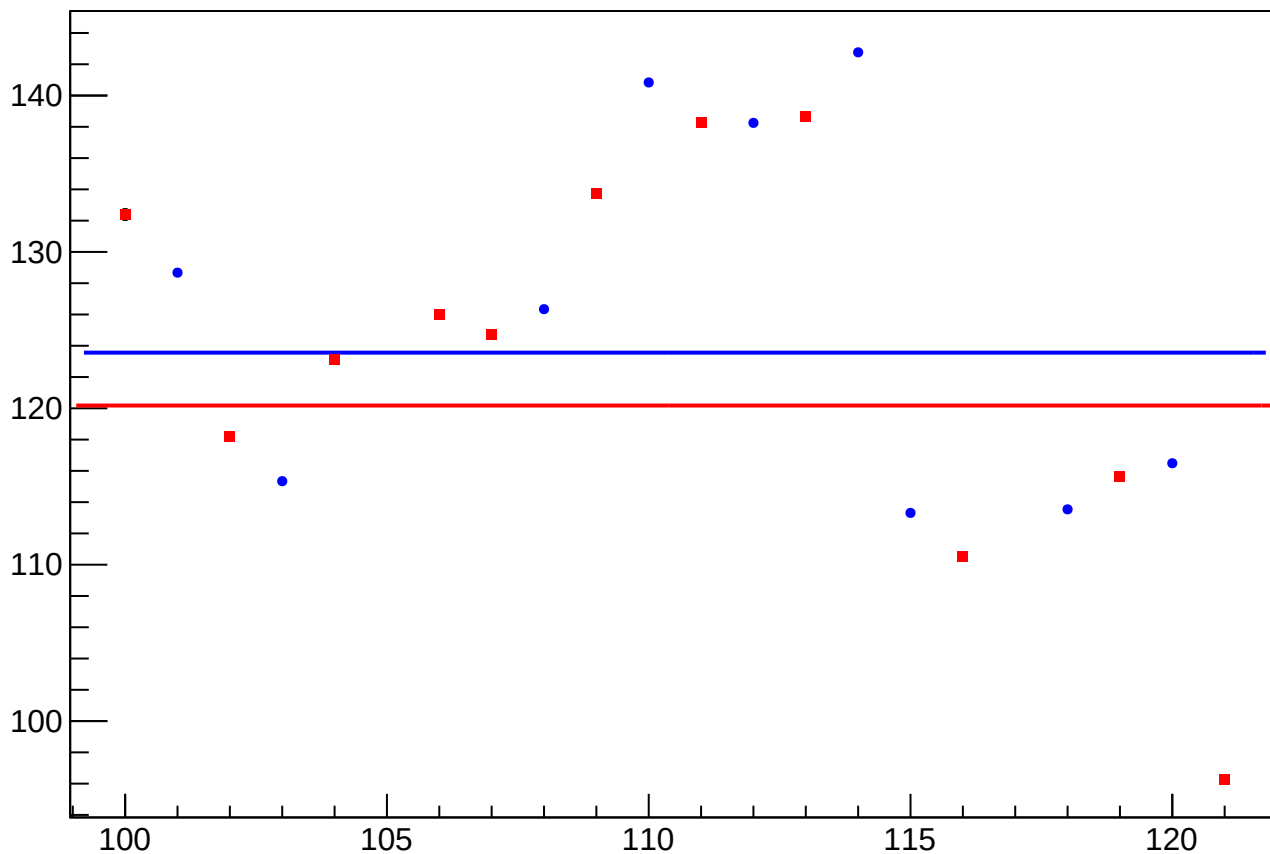
Right: 120.455 $\pm$ 42.709 χ^2 /NDF: 16.8/19

In: 180.393 $\pm$ 64.670 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.455 $\pm$ 42.709 χ^2 /NDF: 16.8/19

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.560 $\pm$ 0.046 χ^2 /NDF: 48630.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.179 $\pm$ 0.040 χ^2 /NDF: 106835.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

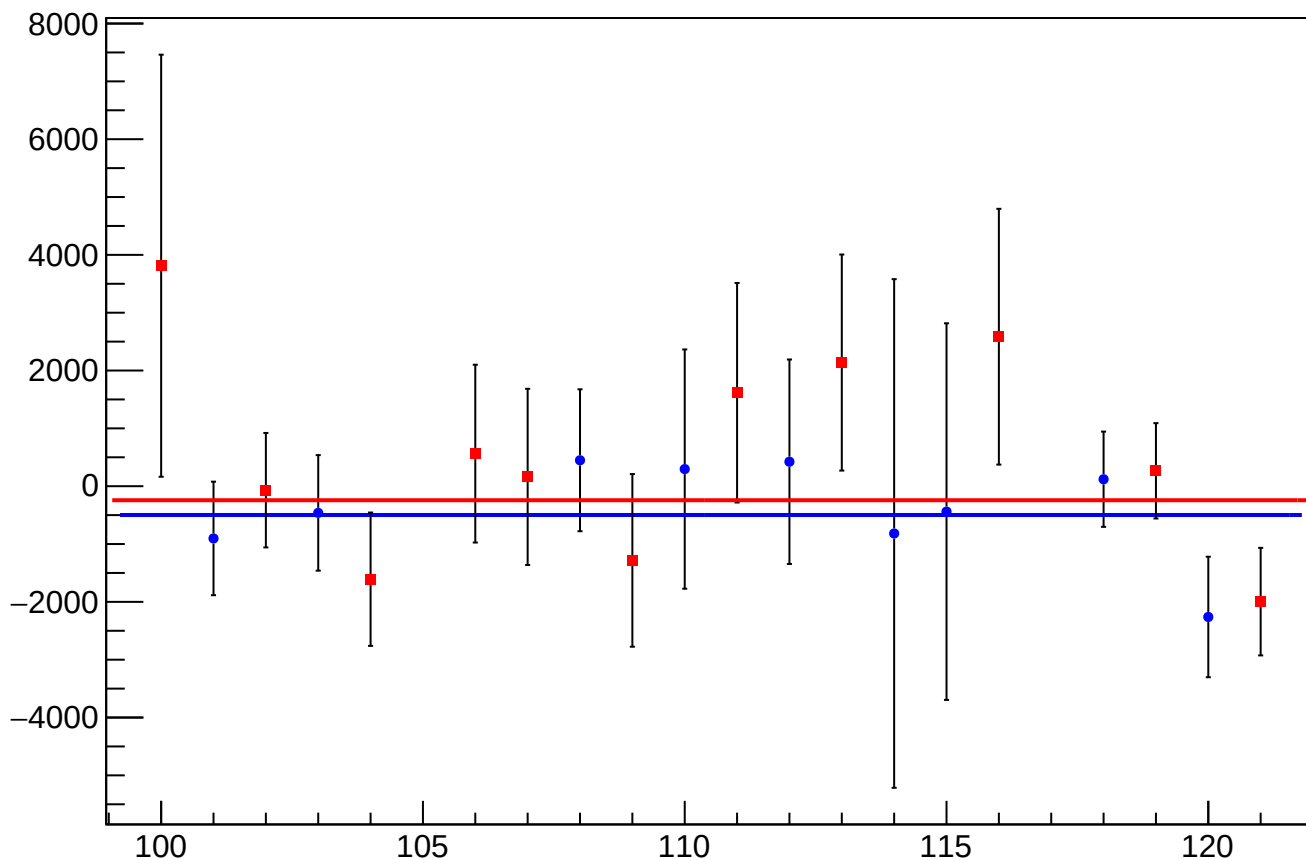
Right: 121.653 $\pm$ 0.030 χ^2 /NDF: 158547.7/19

In: 123.560 $\pm$ 0.046 χ^2 /NDF:48630.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.653 $\pm$ 0.030 χ^2 /NDF: 158547.7/19

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -497.720+/-415.250 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.672+/-390.754 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

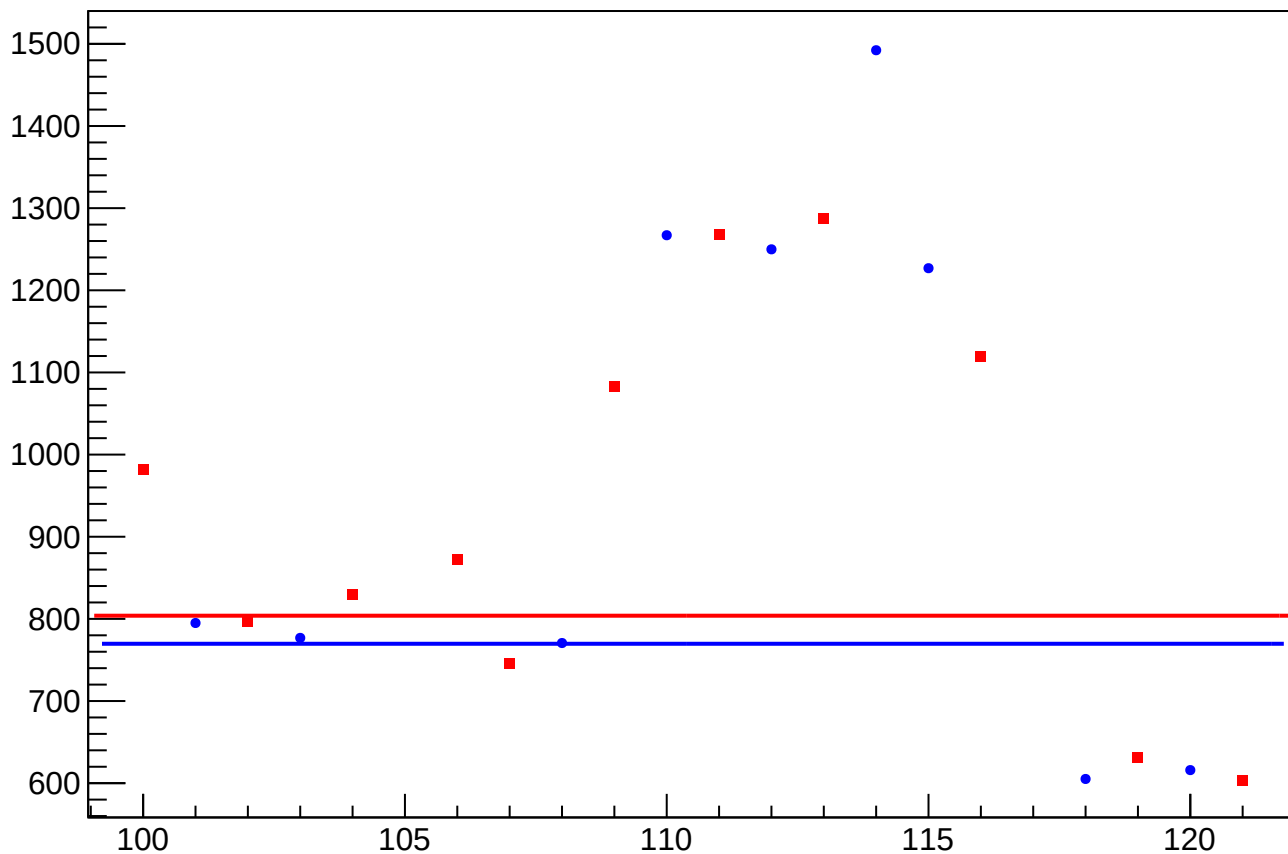
Right: -362.452+/-284.571 χ^2/NDF : 16.5/19

In: -497.720+/-415.250 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.452+/-284.571 χ^2/NDF : 16.5/19

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 769.707+/-0.294 χ^2/NDF : 481496.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 803.873+/-0.276 χ^2/NDF : 557848.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

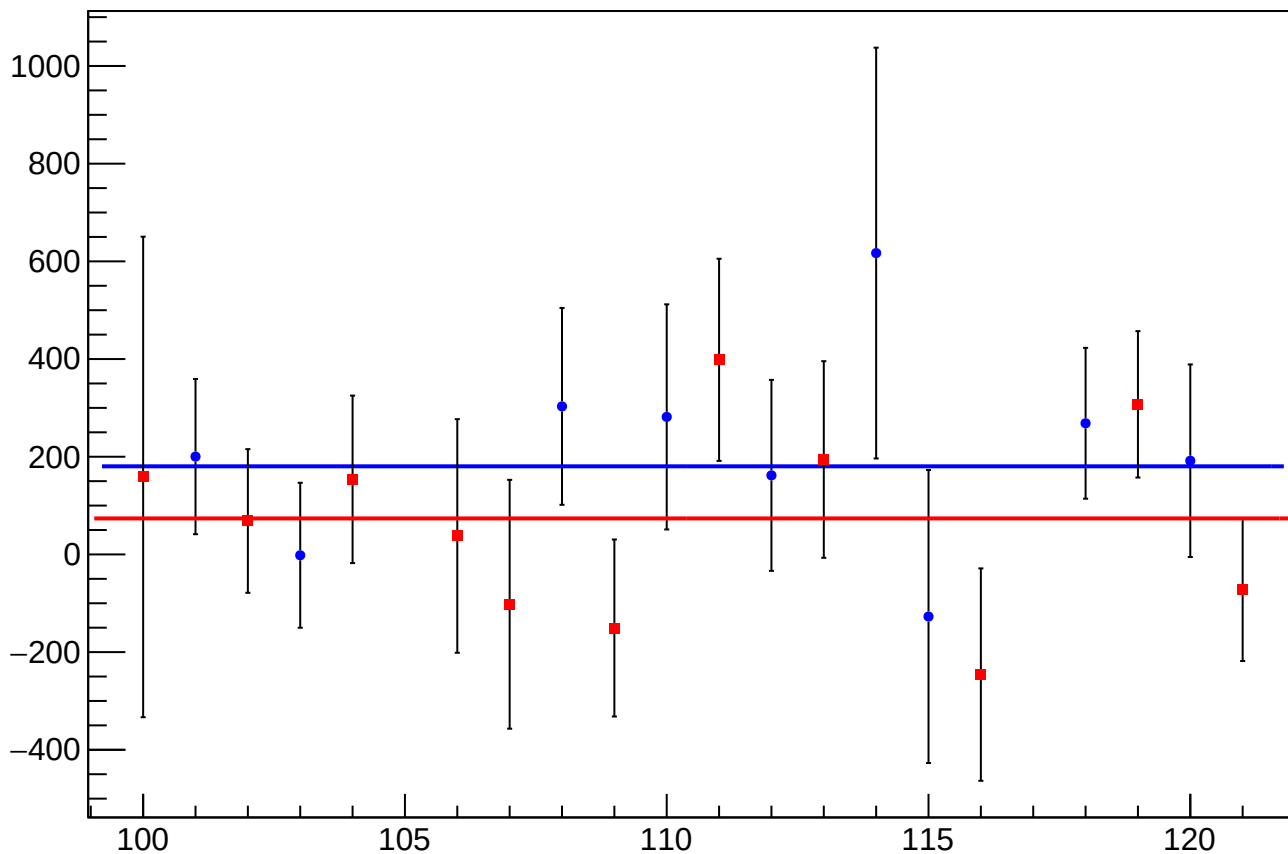
Right: 787.827+/-0.201 χ^2/NDF : 1046526.6/19

In: 769.707+/-0.294 χ^2/NDF : 481496.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.827+/-0.201 χ^2/NDF : 1046526.6/19

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.389+/-64.670 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.699+/-56.940 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

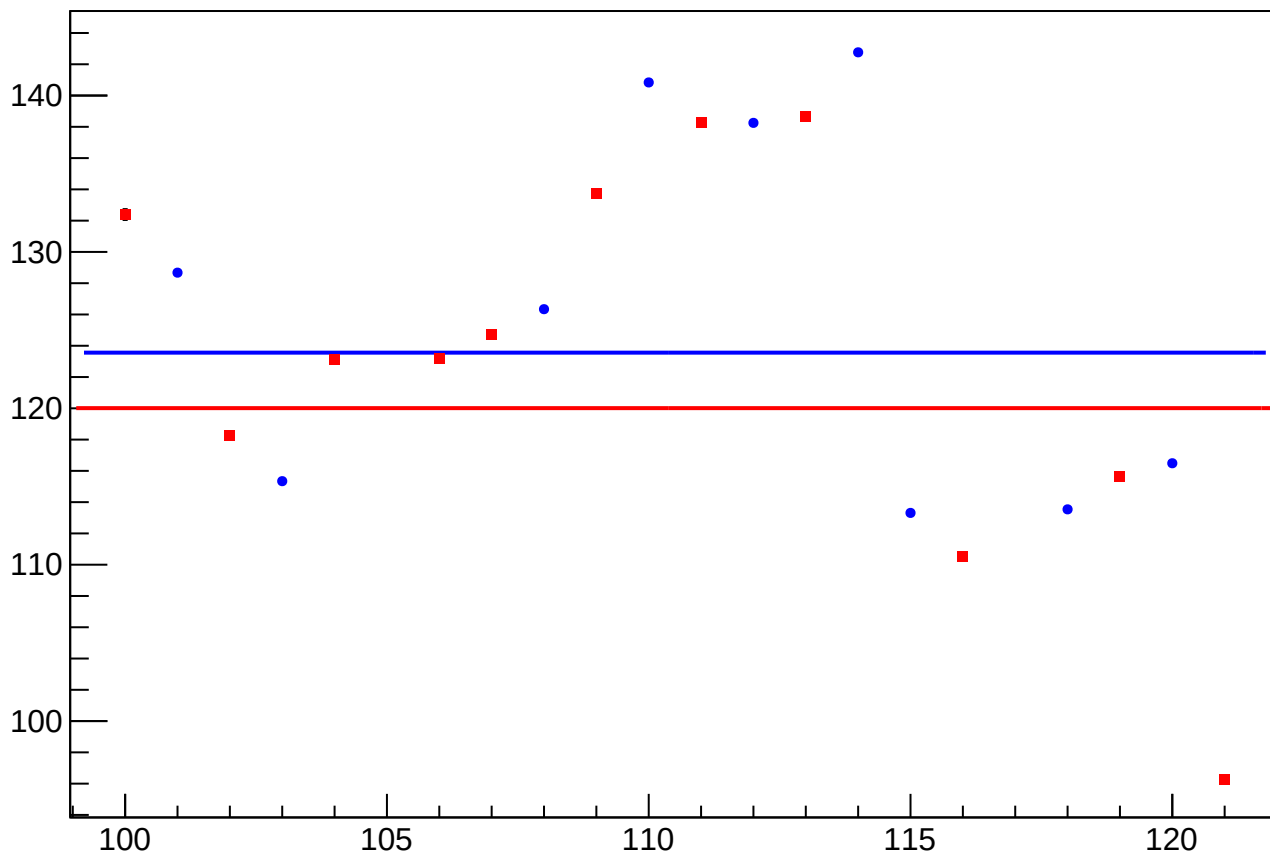
Right: 120.289+/-42.736 χ^2/NDF : 16.8/19

In: 180.389+/-64.670 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.289+/-42.736 χ^2/NDF : 16.8/19

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.560 $\pm$ 0.046 χ^2 /NDF: 48630.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.011 $\pm$ 0.040 χ^2 /NDF: 105881.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

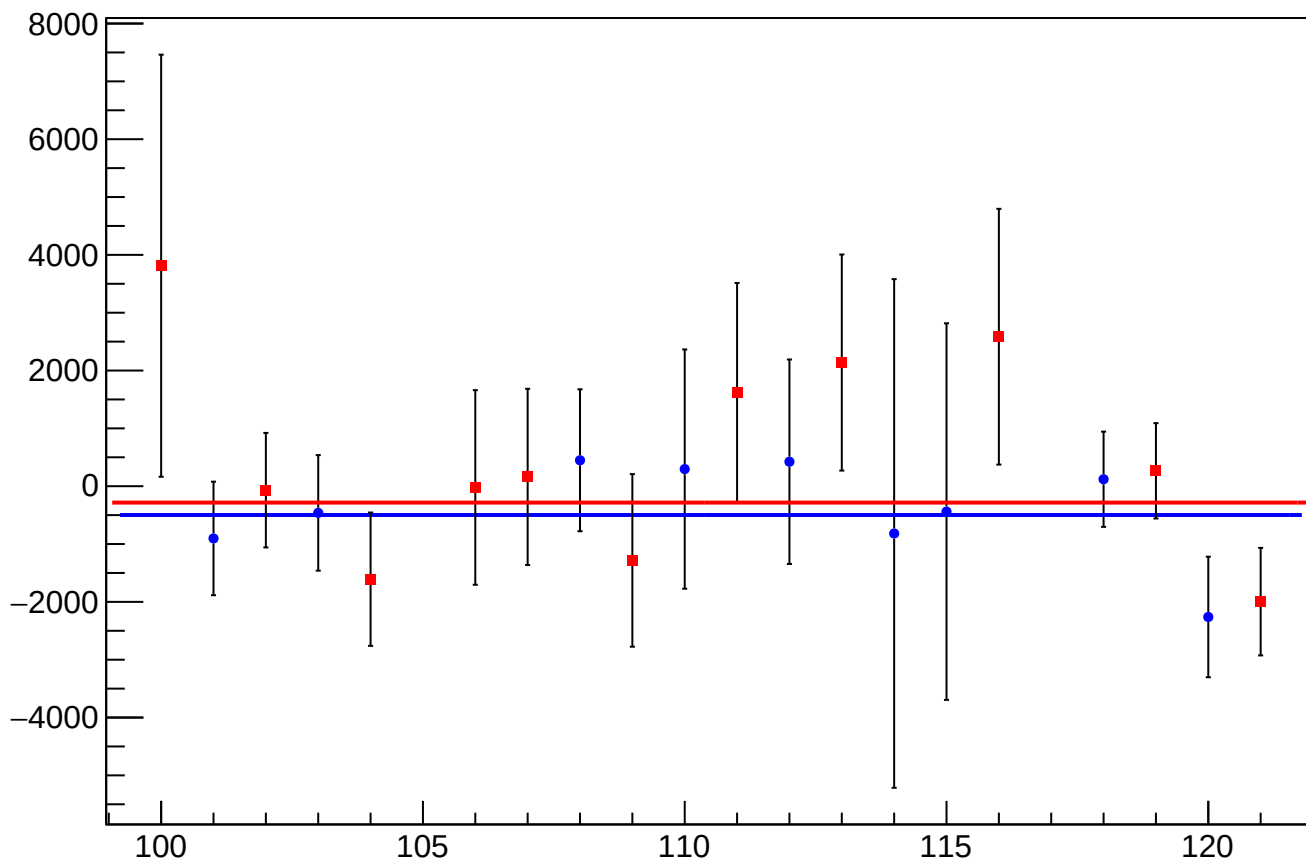
Right: 121.561 $\pm$ 0.030 χ^2 /NDF: 157903.4/19

In: 123.560 $\pm$ 0.046 χ^2 /NDF:48630.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.561 $\pm$ 0.030 χ^2 /NDF: 157903.4/19

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -497.685+/-415.252 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -283.226+/-392.894 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

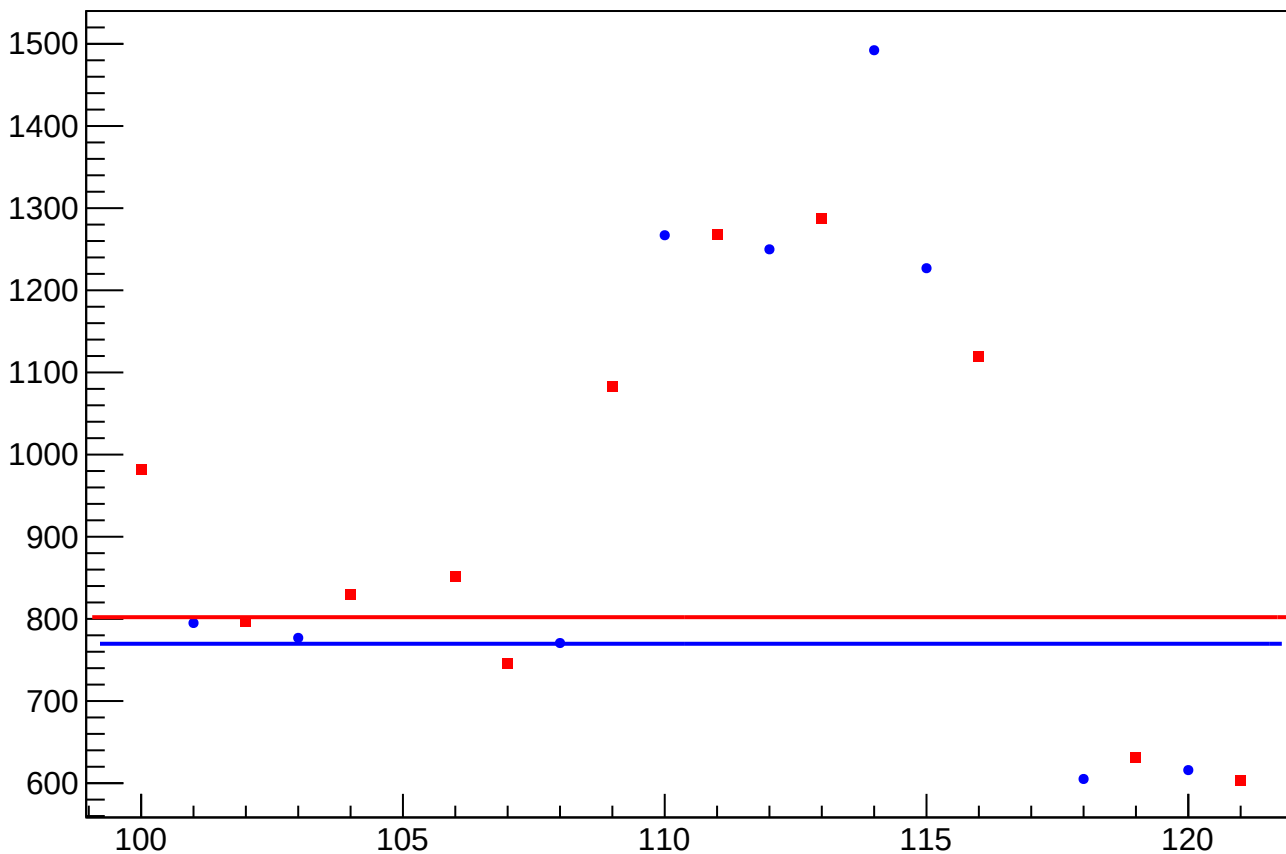
Right: -384.527+/-285.395 χ^2/NDF : 16.1/19

In: -497.685+/-415.252 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.527+/-285.395 χ^2/NDF : 16.1/19

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.073+/-0.278 χ^2/NDF : 555407.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

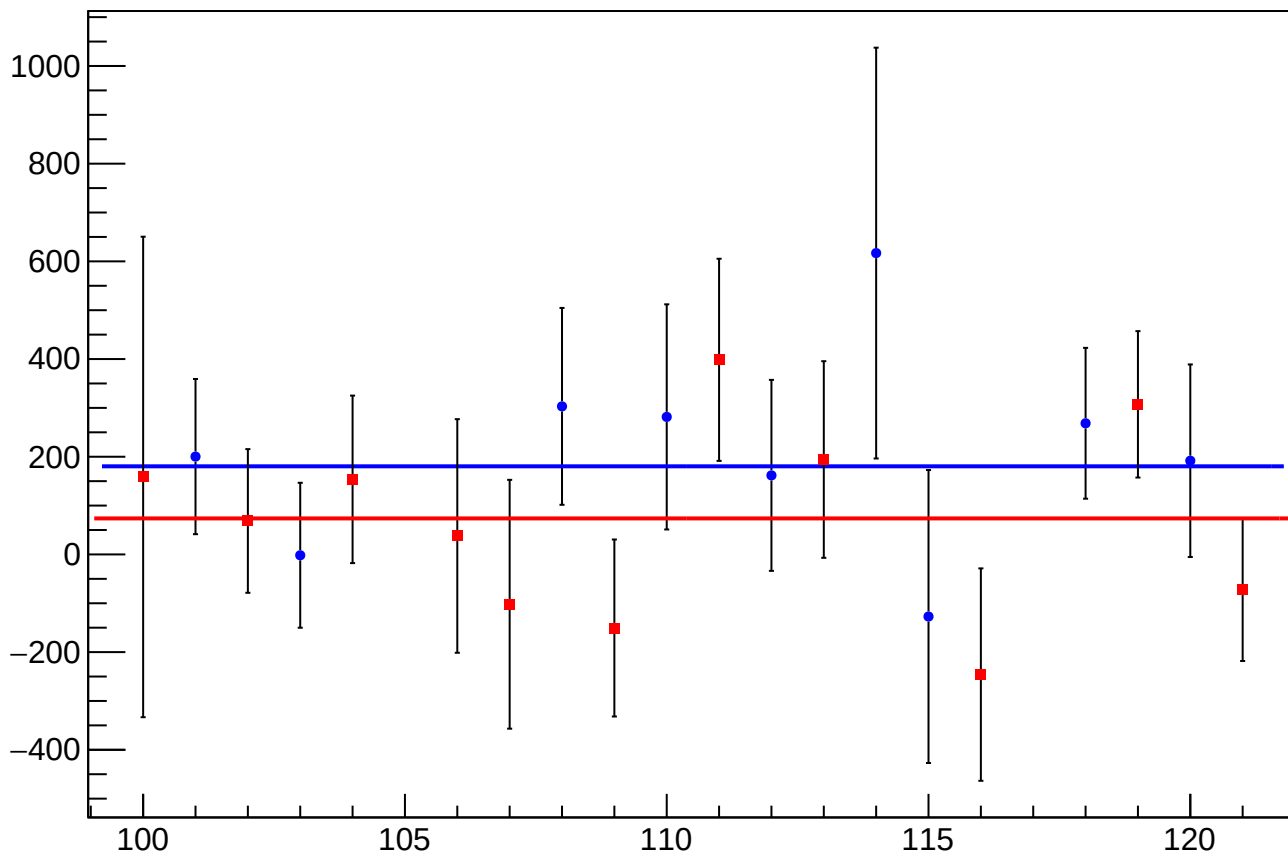
Right: 786.785+/-0.202 χ^2/NDF : 1043320.4/19

In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.785+/-0.202 χ^2/NDF : 1043320.4/19

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.389 $\pm$ 64.670 χ^2 /NDF: 4.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.699 $\pm$ 56.940 χ^2 /NDF: 10.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

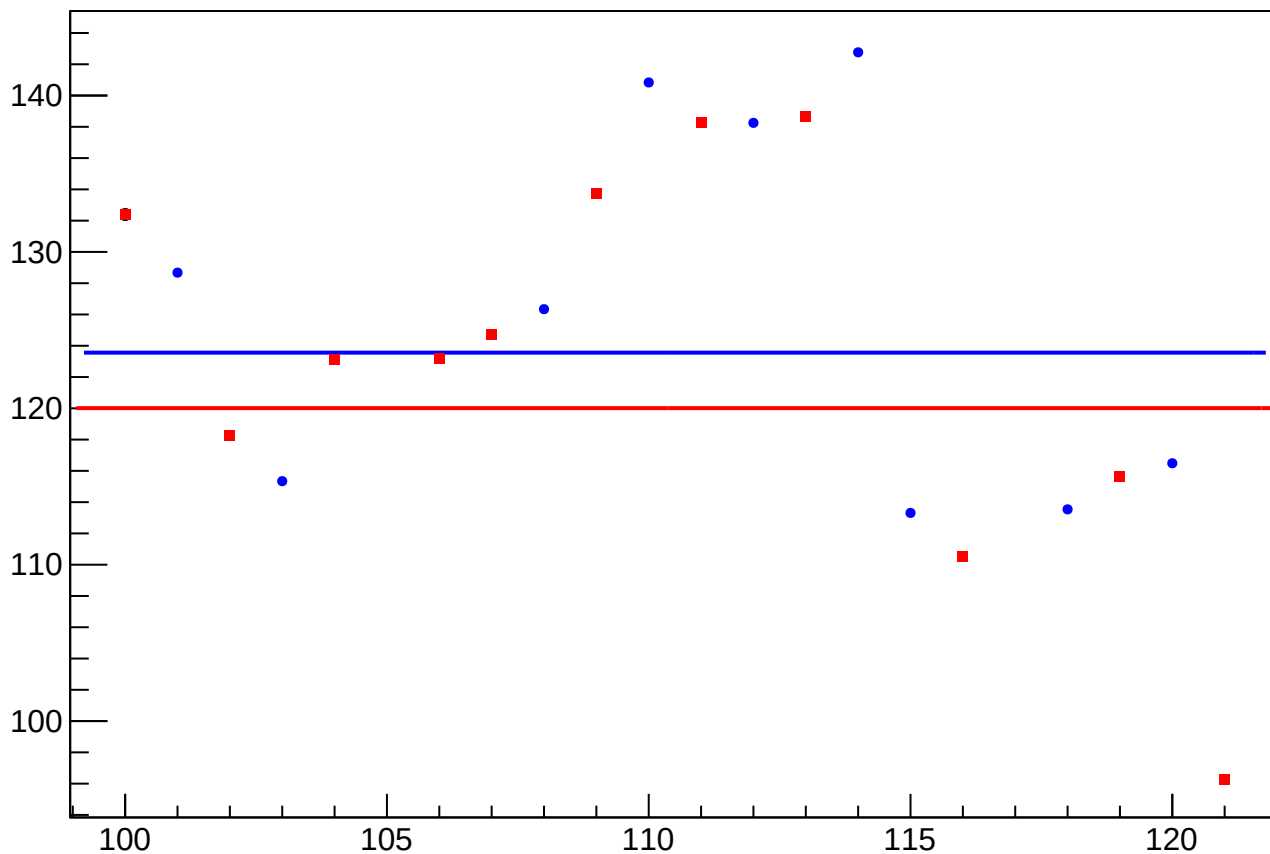
Right: 120.289 $\pm$ 42.736 χ^2 /NDF: 16.8/19

In: 180.389 $\pm$ 64.670 χ^2 /NDF:4.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.289 $\pm$ 42.736 χ^2 /NDF: 16.8/19

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.560 $\pm$ 0.046 χ^2 /NDF: 48630.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.011 $\pm$ 0.040 χ^2 /NDF: 105881.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

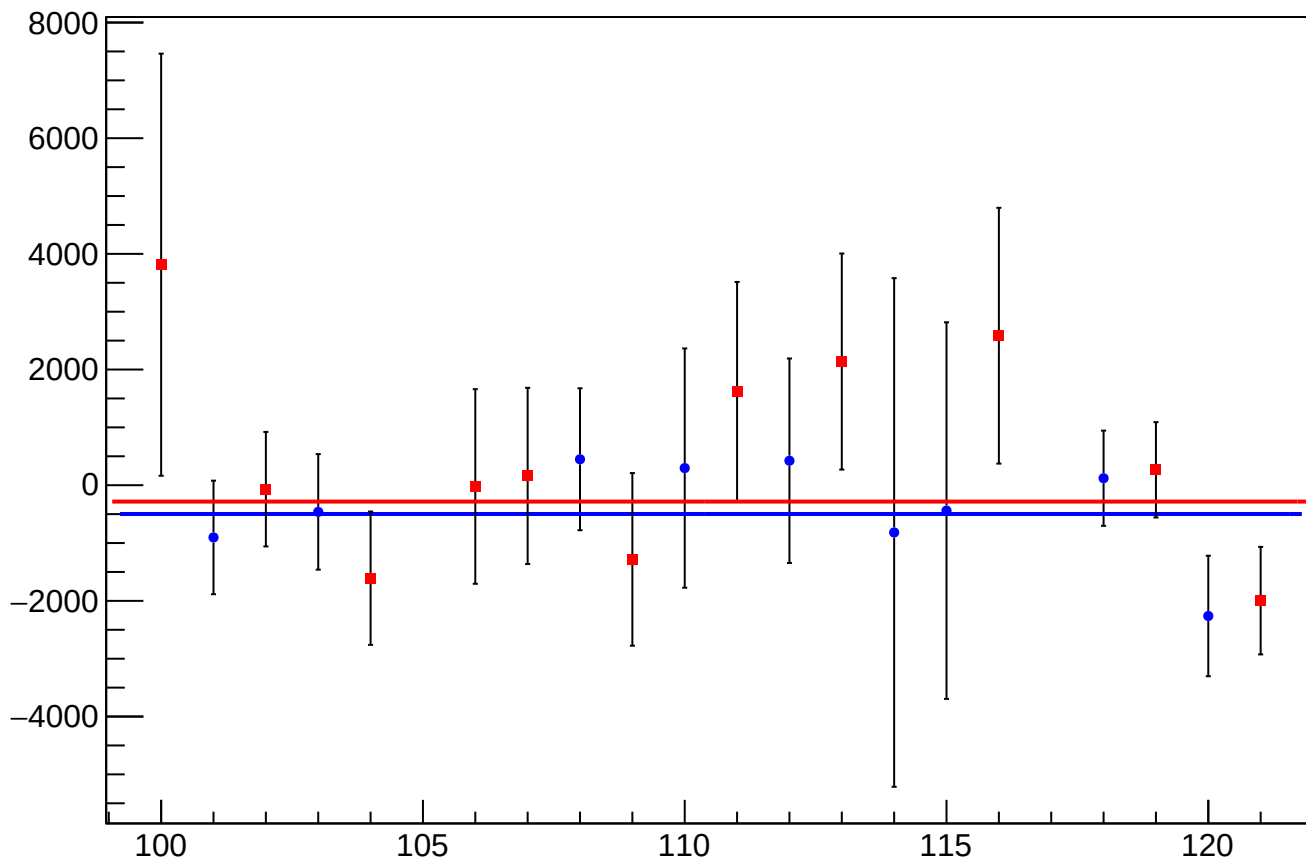
Right: 121.561 $\pm$ 0.030 χ^2 /NDF: 157903.4/19

In: 123.560 $\pm$ 0.046 χ^2 /NDF:48630.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.561 $\pm$ 0.030 χ^2 /NDF: 157903.4/19

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -497.685+/-415.252 χ^2 /NDF: 4.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -283.226+/-392.894 χ^2 /NDF: 11.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

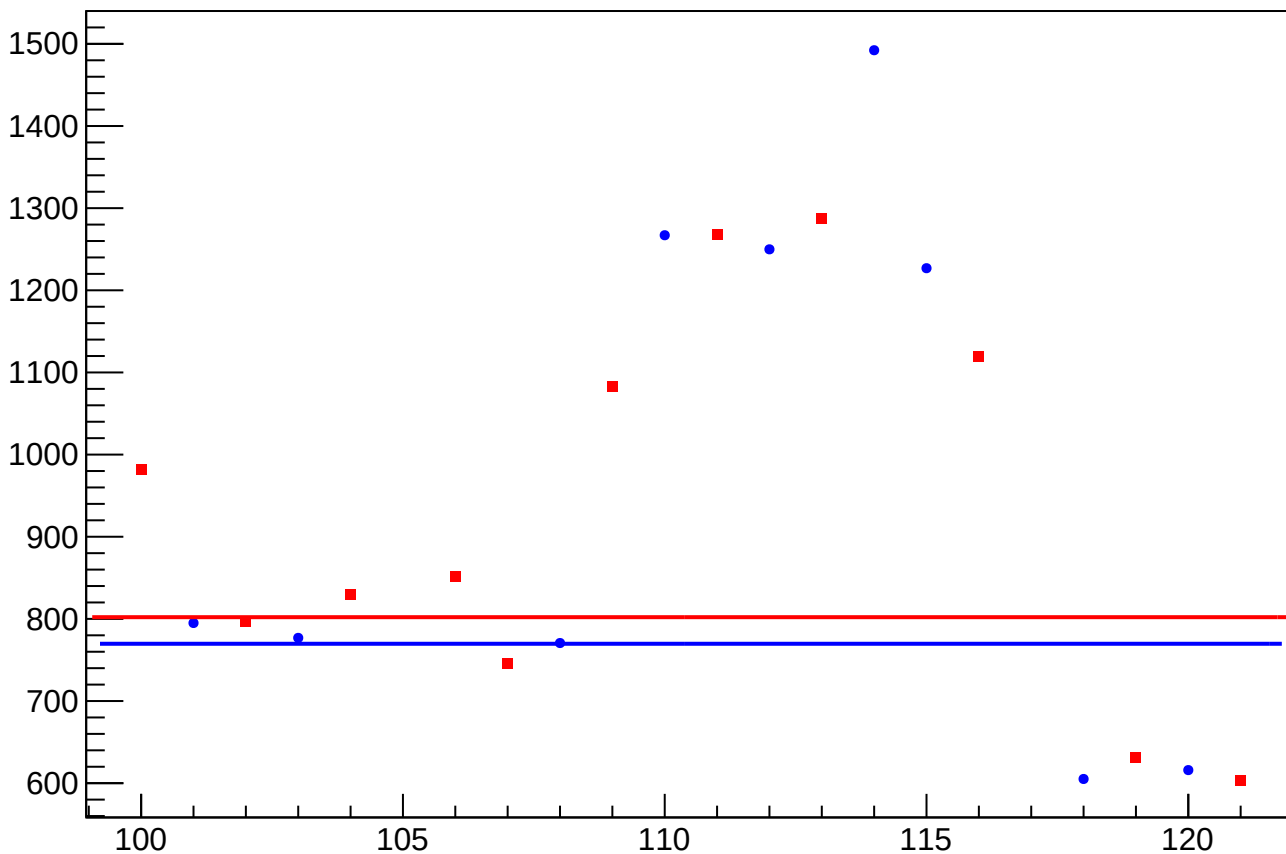
Right: -384.527+/-285.395 χ^2 /NDF: 16.1/19

In: -497.685+/-415.252 χ^2 /NDF:4.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -384.527+/-285.395 χ^2 /NDF: 16.1/19

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.073+/-0.278 χ^2/NDF : 555407.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

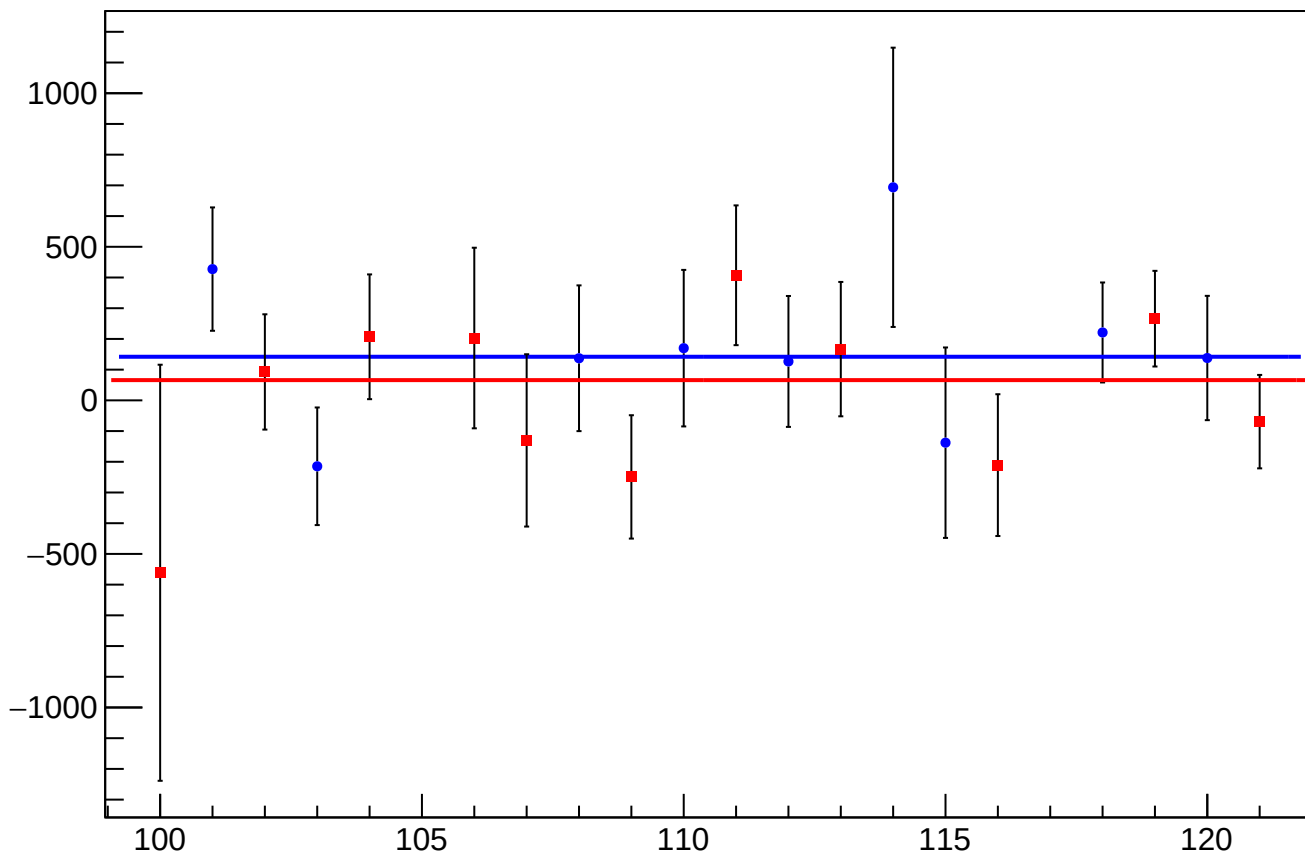
Right: 786.785+/-0.202 χ^2/NDF : 1043320.4/19

In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.785+/-0.202 χ^2/NDF : 1043320.4/19

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 141.967 $\pm$ 73.589 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 65.893 $\pm$ -63.589 χ^2 /NDF: 10.9/10

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

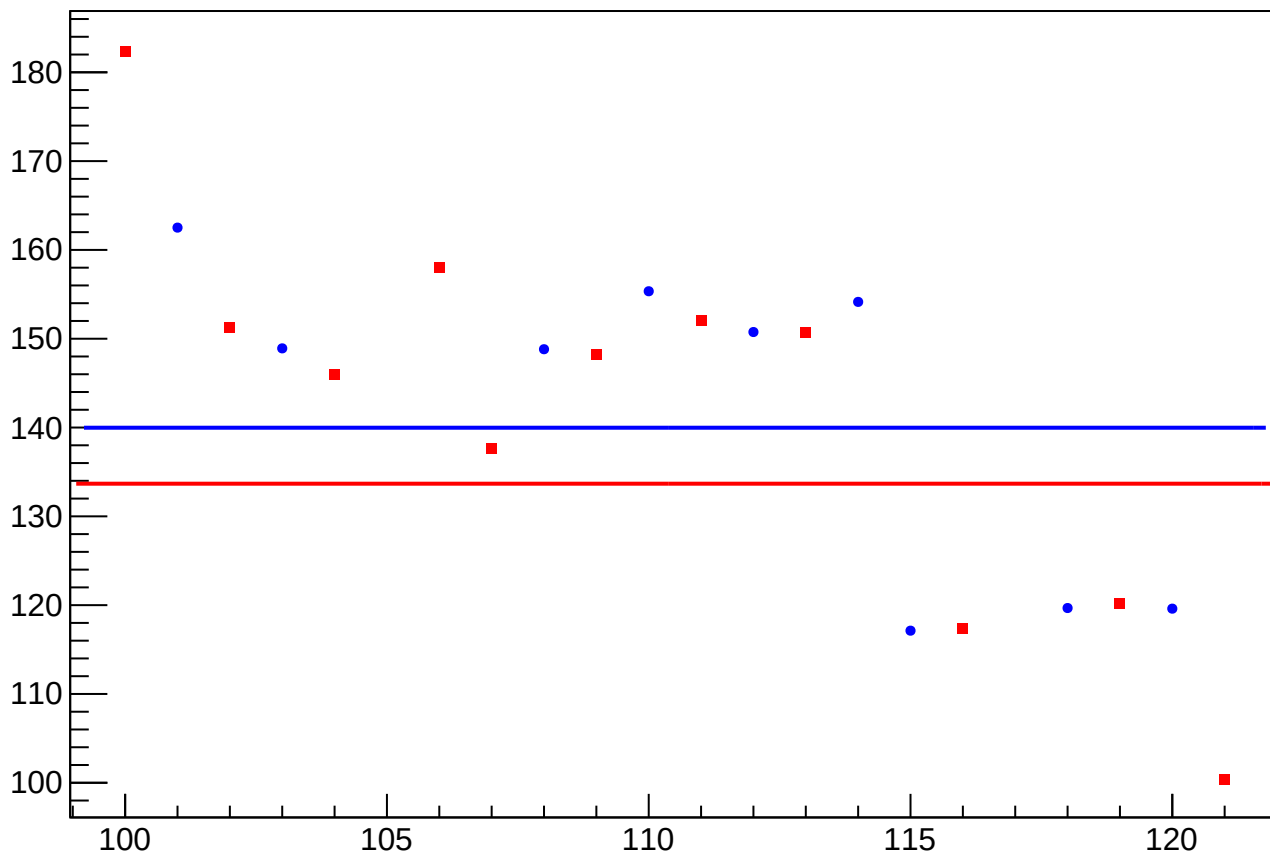
Right: 98.413 $\pm$ -48.114 χ^2 /NDF: 19.5/19

In: 141.967 $\pm$ -73.589 χ^2 /NDF:8.0/8

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 98.413 $\pm$ -48.114 χ^2 /NDF: 19.5/19

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 139.979+/-0.052 χ^2/NDF : 108895.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.676+/-0.045 χ^2/NDF : 205949.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

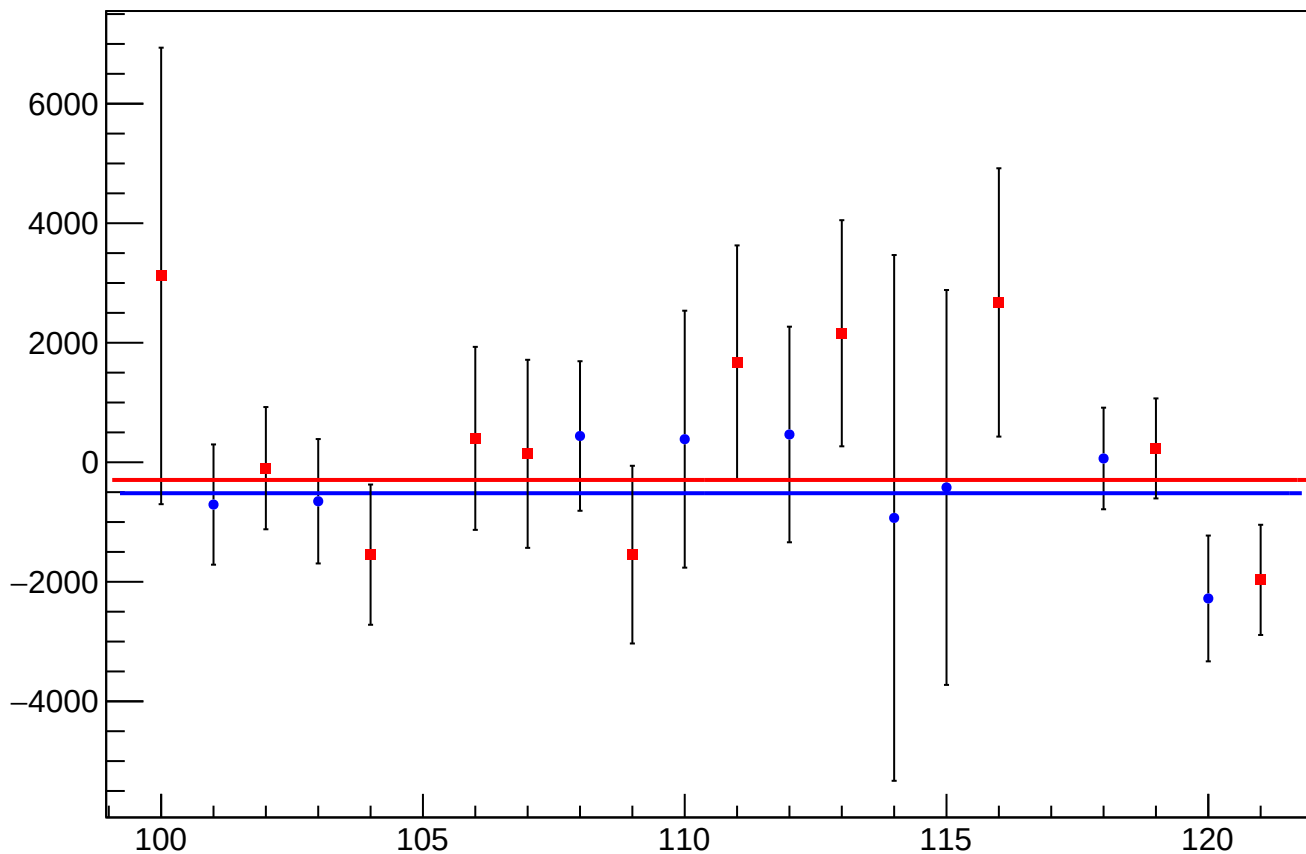
Right: 136.370+/-0.034 χ^2/NDF : 323246.5/19

In: 139.979+/-0.052 χ^2/NDF : 108895.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.370+/-0.034 χ^2/NDF : 323246.5/19

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -517.658+/-426.254 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -295.748+/-395.951 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

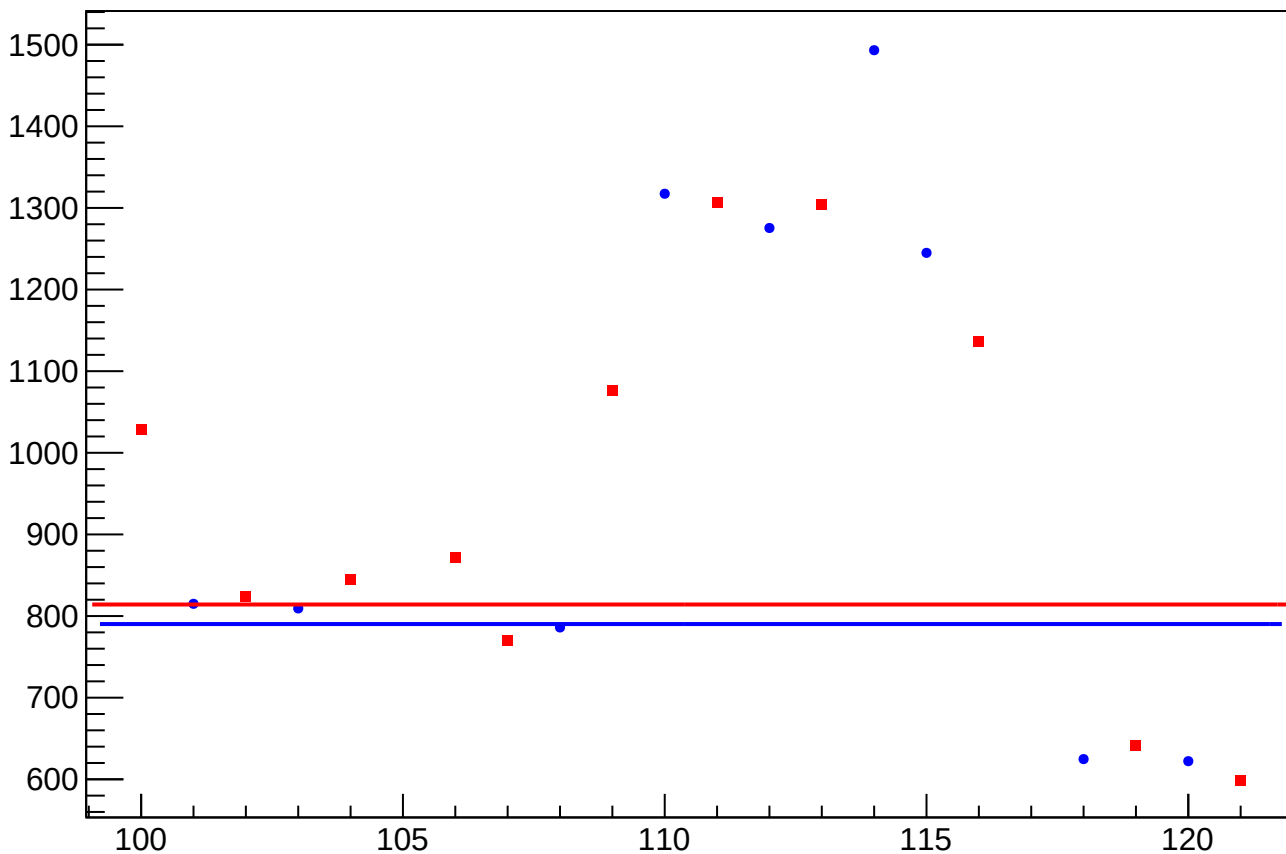
Right: -398.535+/-290.102 χ^2/NDF : 15.6/19

In: -517.658+/-426.254 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.535+/-290.102 χ^2/NDF : 15.6/19

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 790.204+/-0.301 χ^2/NDF : 482591.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 814.156+/-0.280 χ^2/NDF : 571081.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

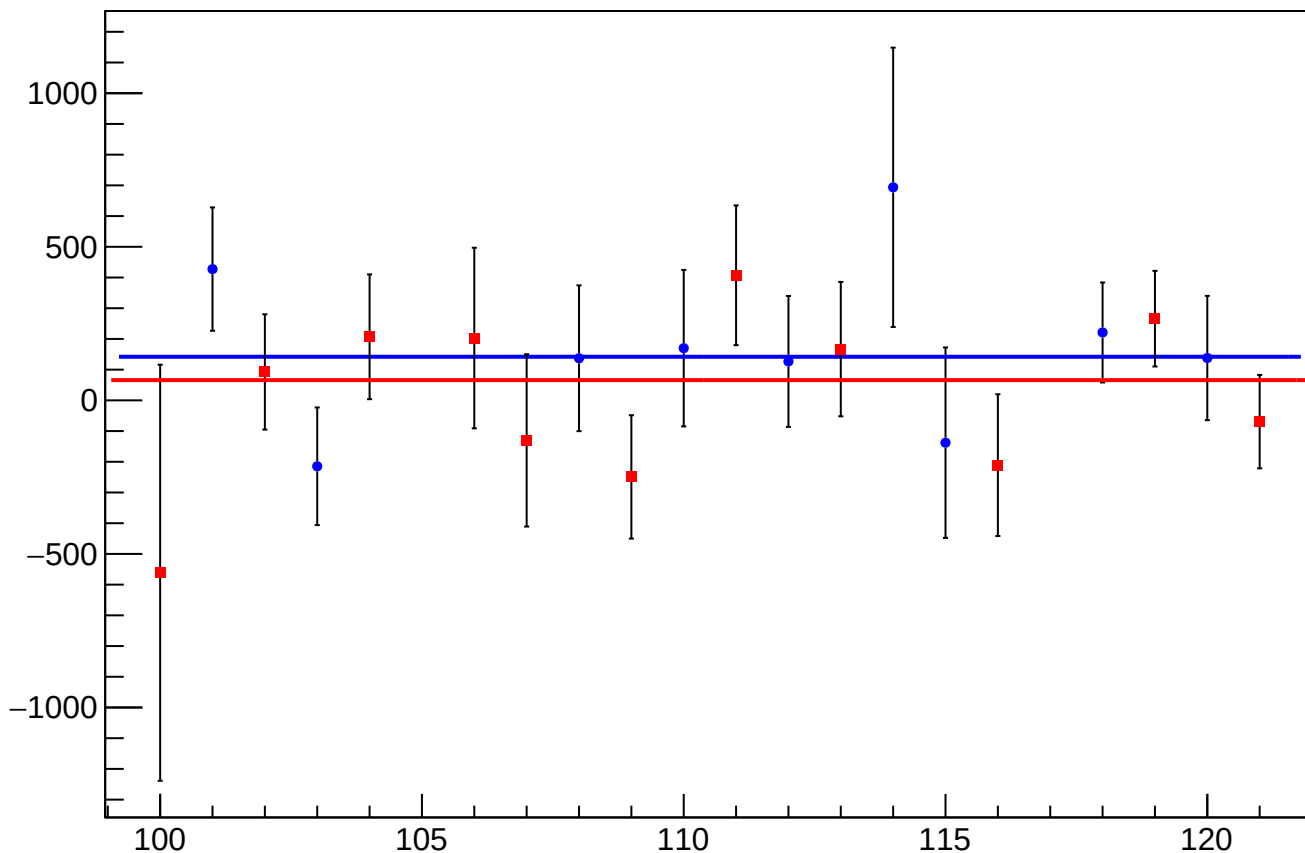
Right: 803.061+/-0.205 χ^2/NDF : 1057063.8/19

In: 790.204+/-0.301 χ^2/NDF : 482591.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 803.061+/-0.205 χ^2/NDF : 1057063.8/19

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 141.966+/-73.589 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.892+/-63.589 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

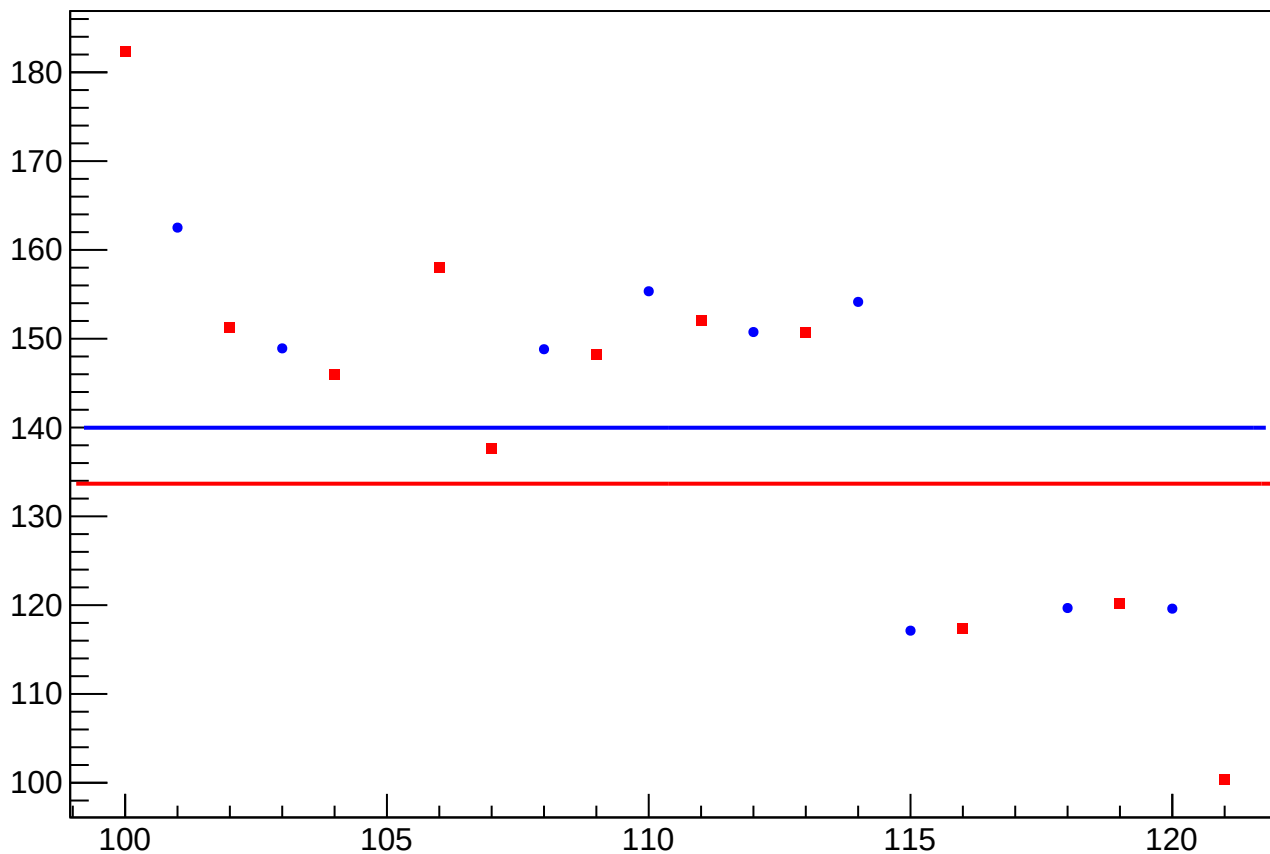
Right: 98.412+/-48.114 χ^2/NDF : 19.5/19

In: 141.966+/-73.589 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.412+/-48.114 χ^2/NDF : 19.5/19

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 139.979+/-0.052 χ^2/NDF : 108889.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.676+/-0.045 χ^2/NDF : 205944.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

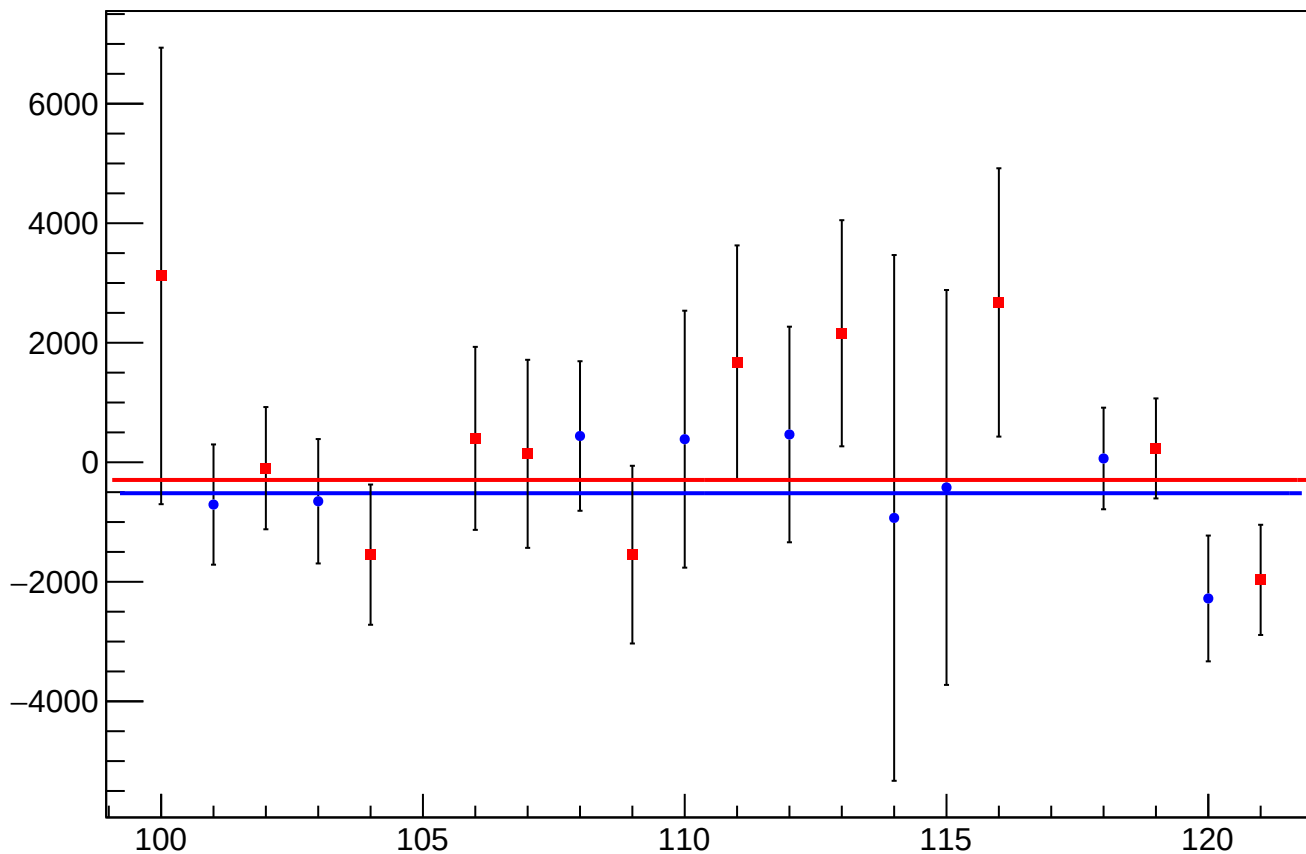
Right: 136.370+/-0.034 χ^2/NDF : 323236.1/19

In: 139.979+/-0.052 χ^2/NDF : 108889.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.370+/-0.034 χ^2/NDF : 323236.1/19

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -517.657+/-426.254 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -295.748+/-395.951 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

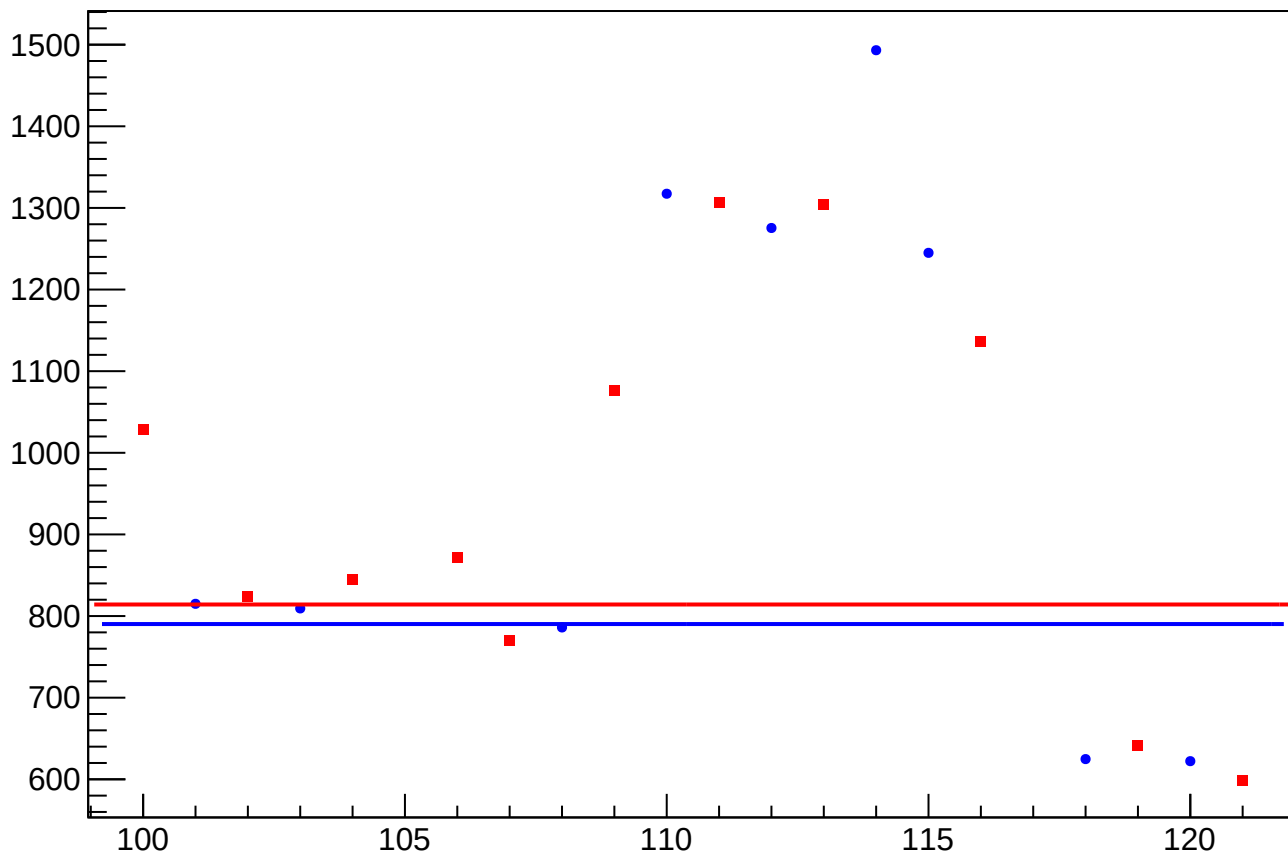
Right: -398.535+/-290.101 χ^2/NDF : 15.6/19

In: -517.657+/-426.254 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.535+/-290.101 χ^2/NDF : 15.6/19

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 790.203 ± 0.301 χ^2/NDF : 482586.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 814.155 ± 0.280 χ^2/NDF : 571075.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

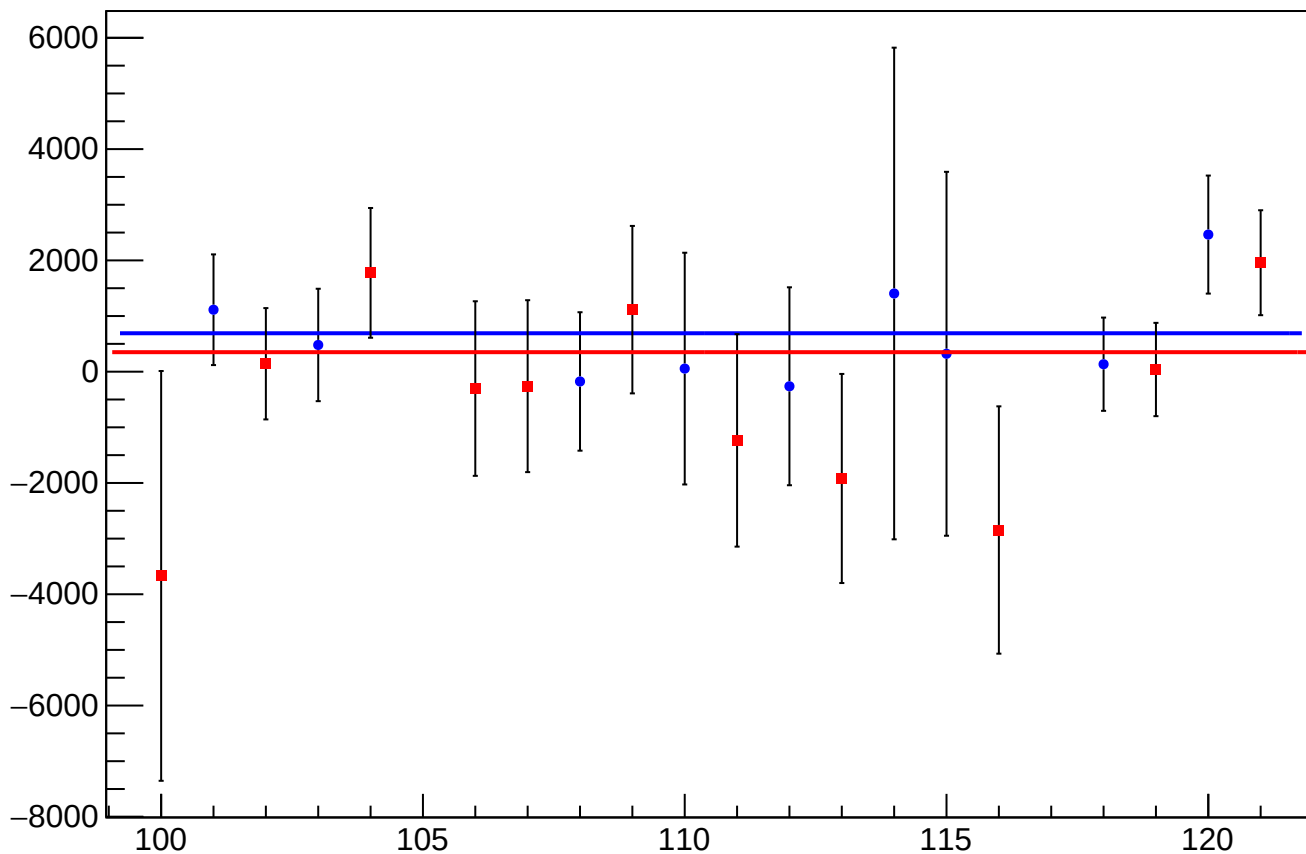
Right: 803.061 ± 0.205 χ^2/NDF : 1057051.5/19

In: 790.203 ± 0.301 χ^2/NDF : 482586.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 803.061 ± 0.205 χ^2/NDF : 1057051.5/19

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 690.583+/-421.006 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.534+/-395.817 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

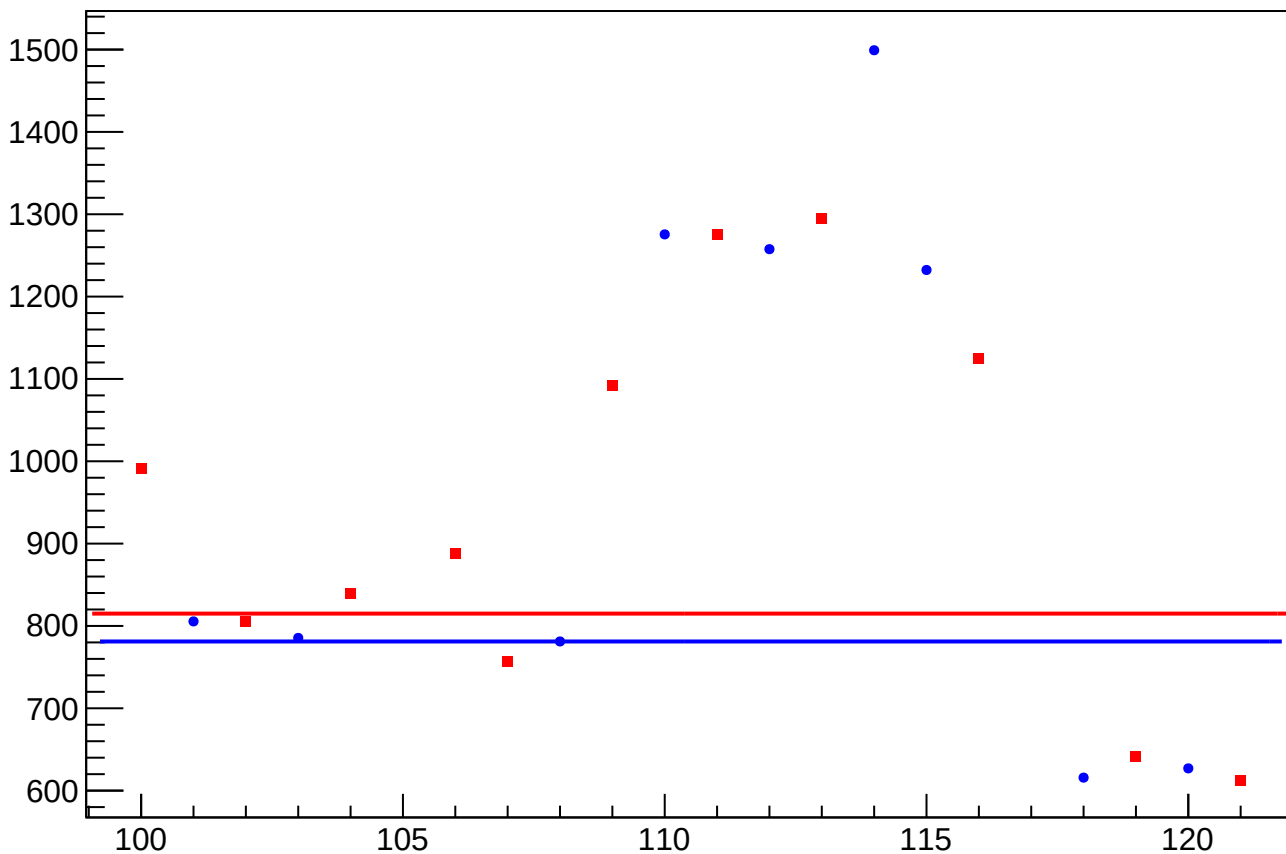
Right: 510.082+/-288.379 χ^2/NDF : 15.3/19

In: 690.583+/-421.006 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.082+/-288.379 χ^2/NDF : 15.3/19

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 781.142+/-0.298 χ^2/NDF : 468510.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 814.991+/-0.280 χ^2/NDF : 543999.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

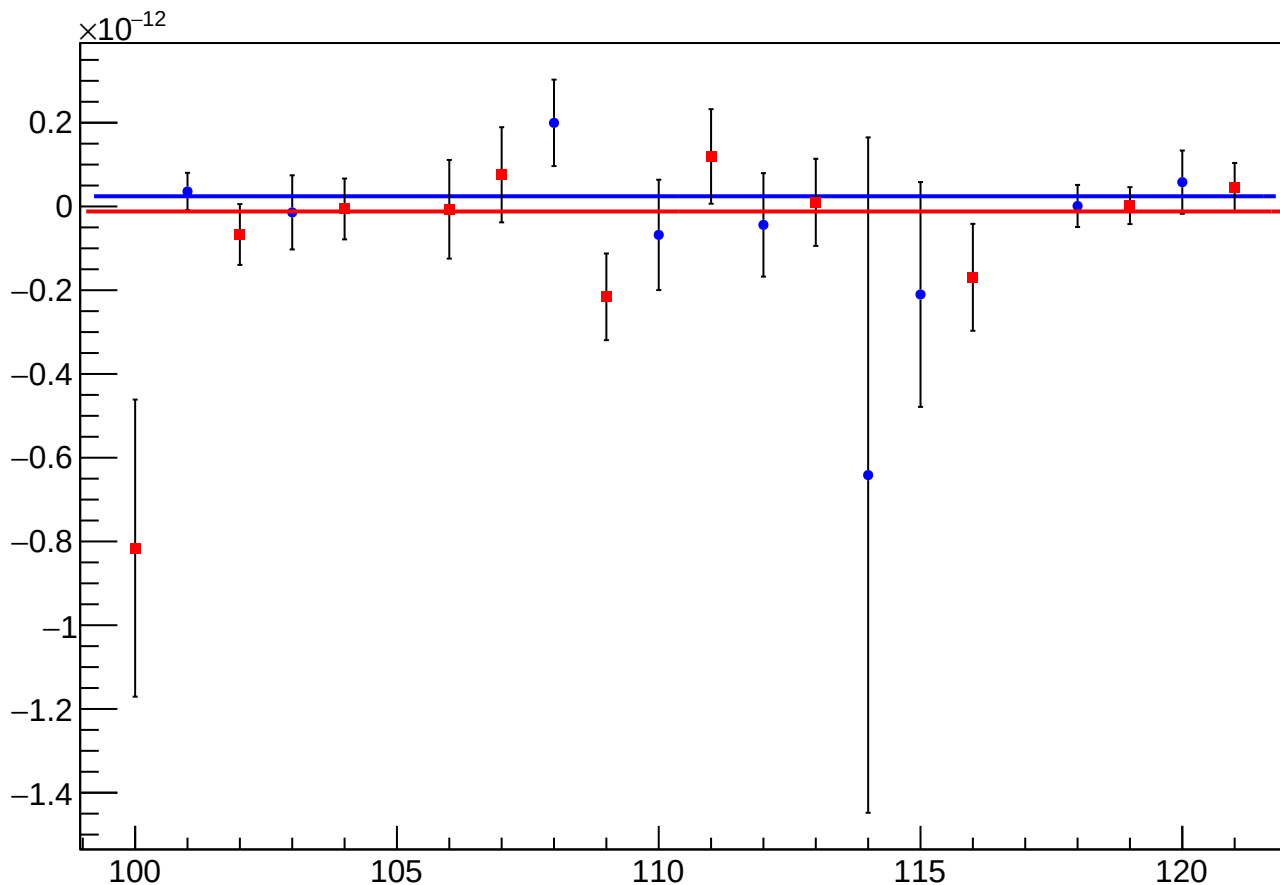
Right: 799.109+/-0.204 χ^2/NDF : 1019372.5/19

In: 781.142+/-0.298 χ^2/NDF : 468510.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.109+/-0.204 χ^2/NDF : 1019372.5/19

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

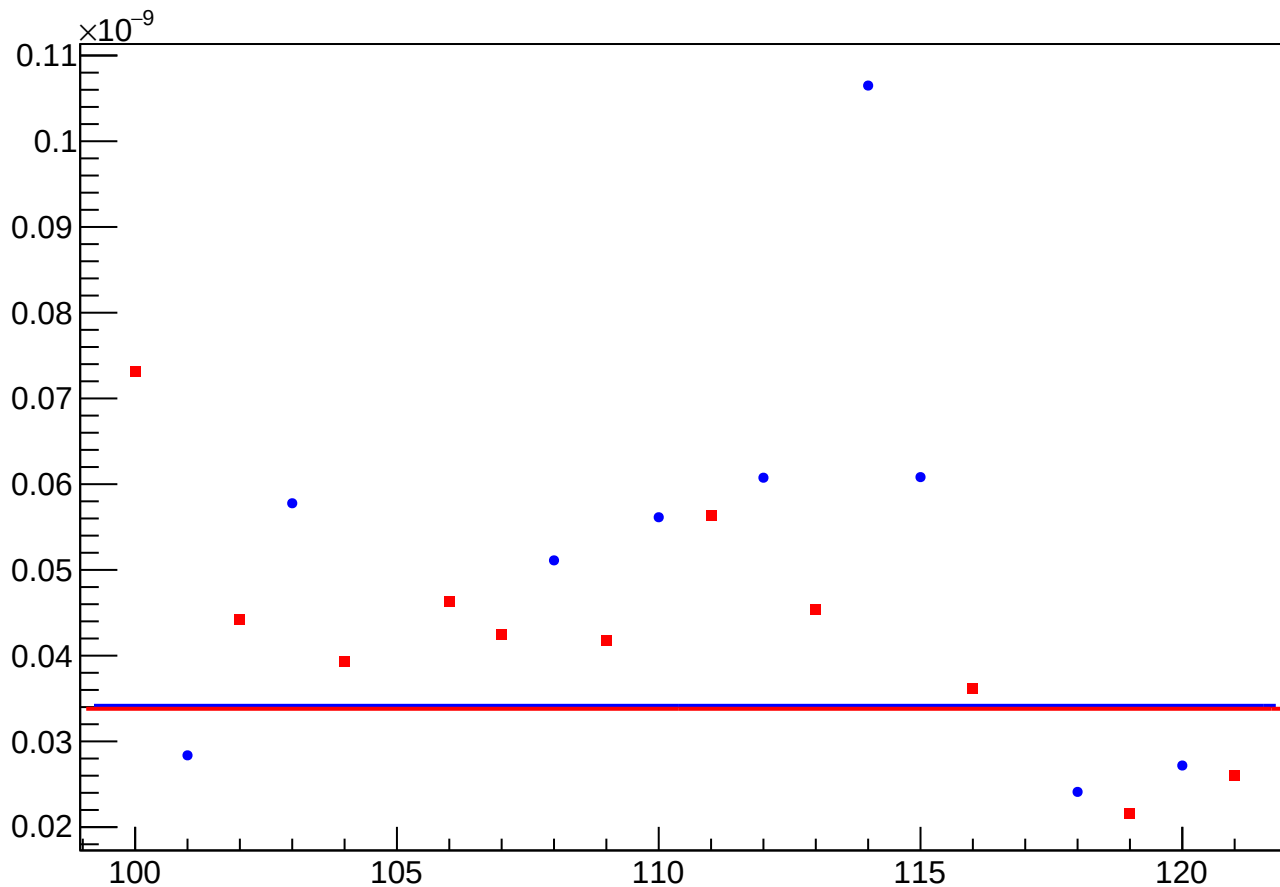
Right: 0.000+/-0.000 χ^2/NDF : 21.1/19

In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.1/19

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511306.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 418451.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

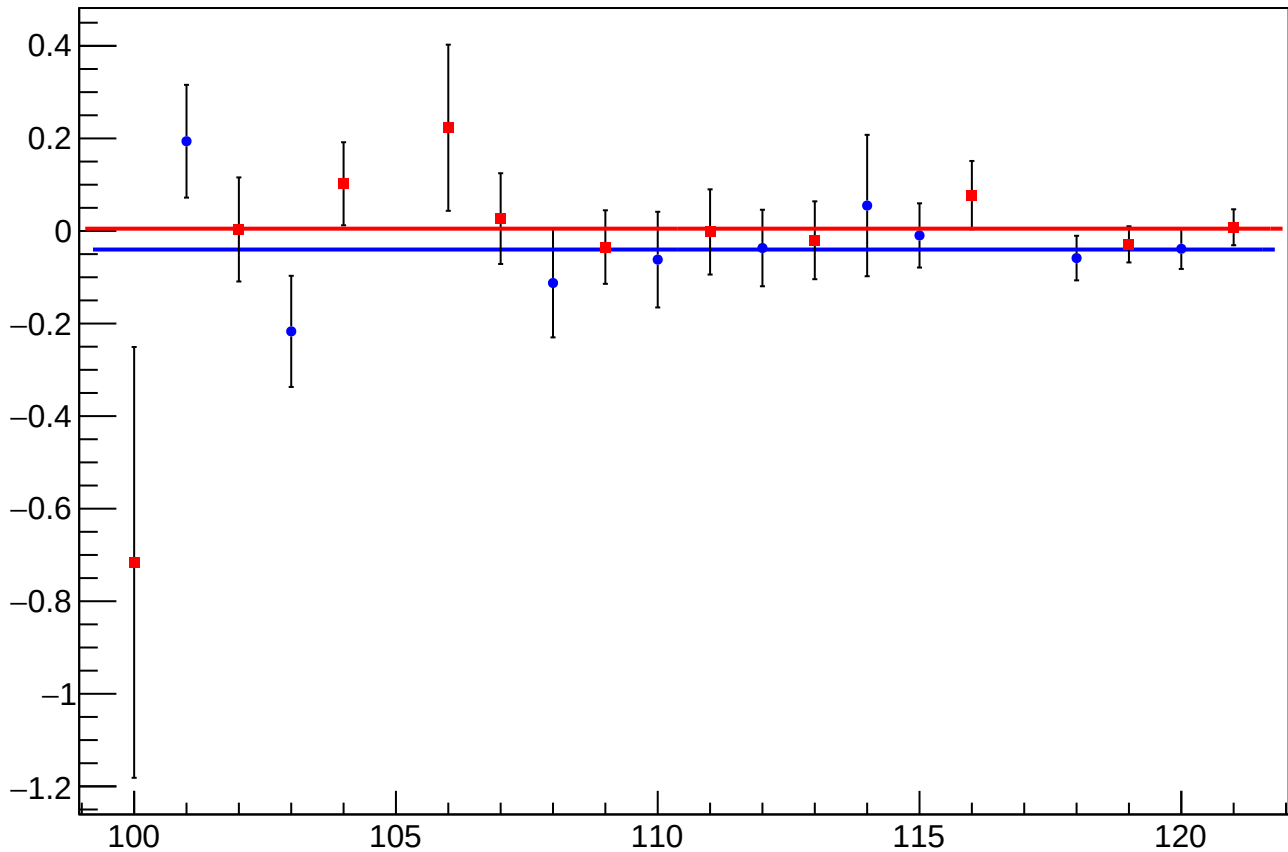
Right: 0.000+/-0.000 χ^2/NDF : 929942.1/19

In: 0.000+/-0.000 χ^2/NDF : 511306.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 929942.1/19

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.021 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

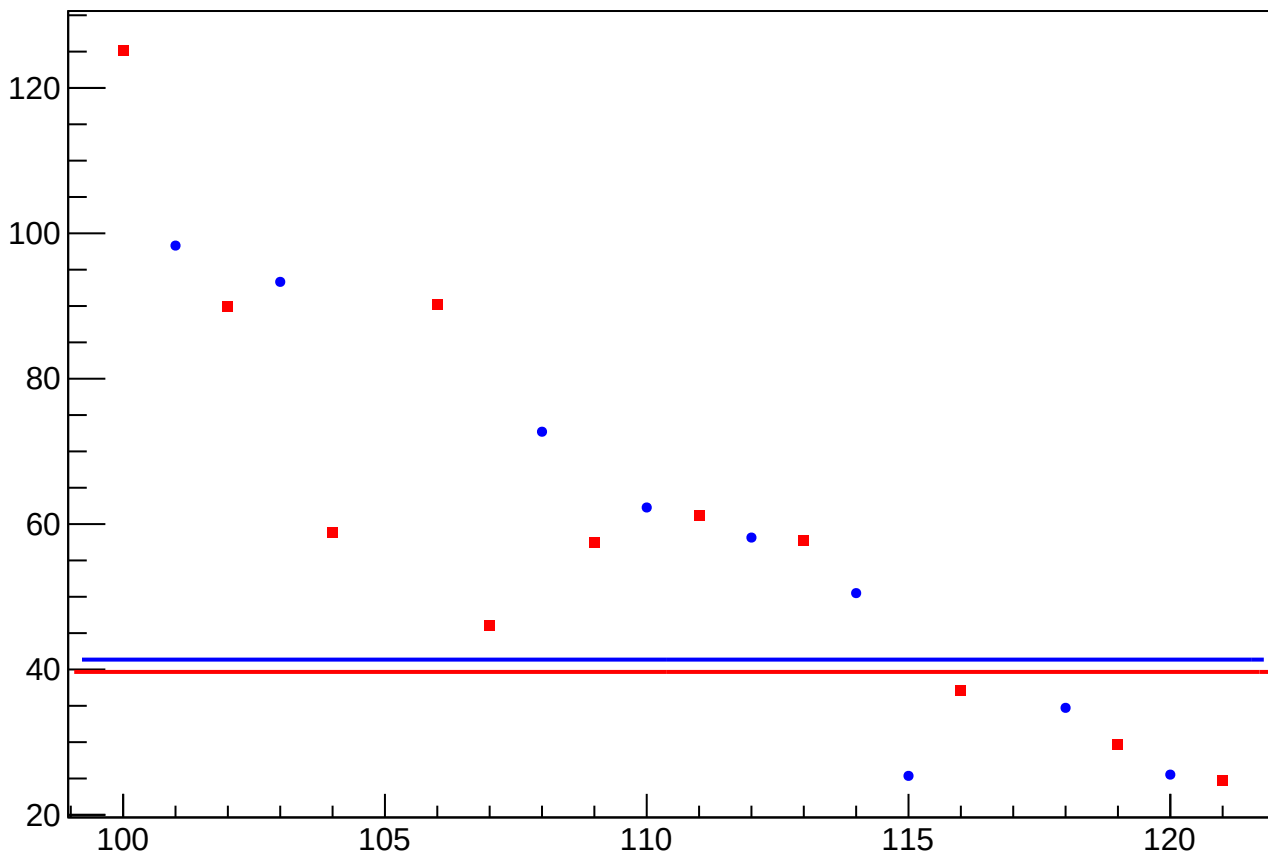
Right: -0.014+/-0.016 χ^2/NDF : 16.1/19

In: -0.040+/-0.025 χ^2/NDF :7.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.016 χ^2/NDF : 16.1/19

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.663+/-0.015 χ^2/NDF : 1455846.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

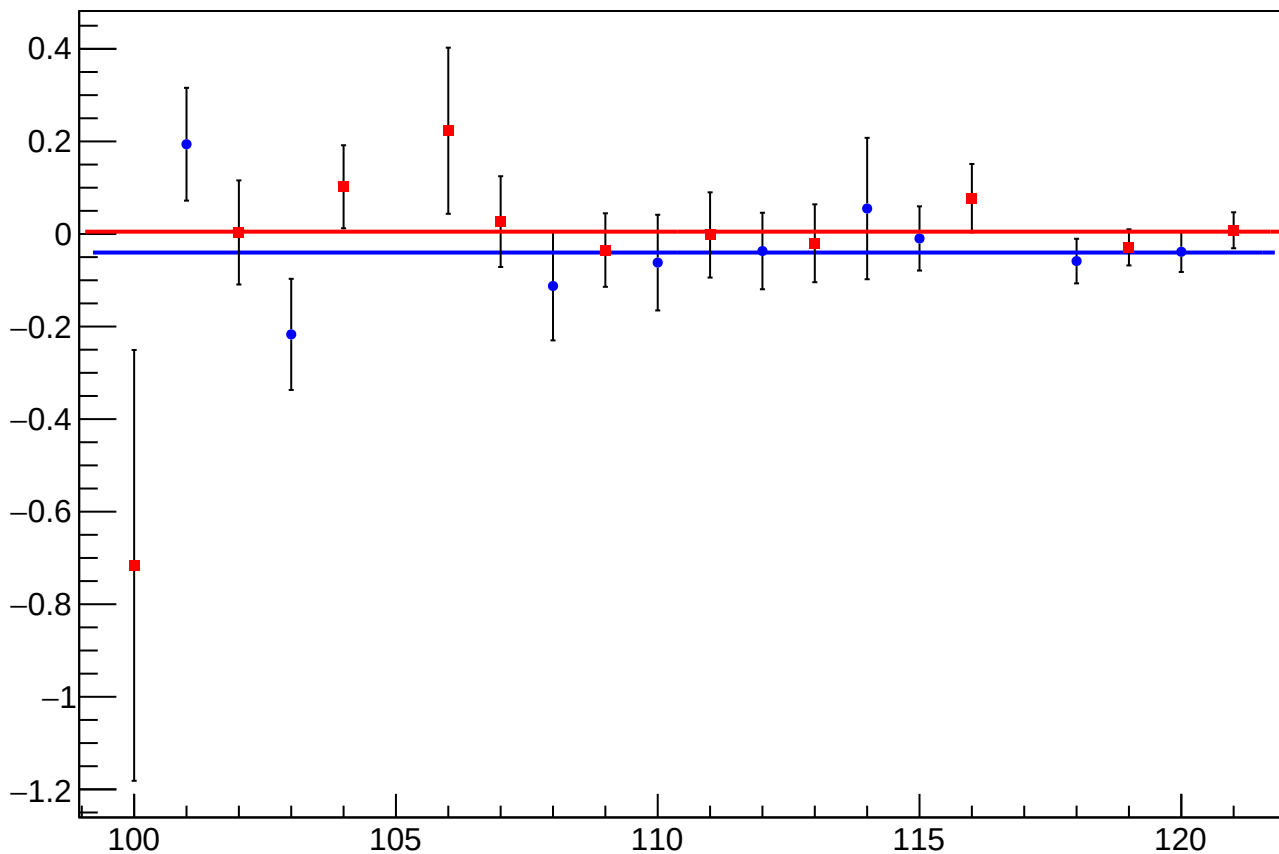
Right: 40.379+/-0.011 χ^2/NDF : 2994783.9/19

In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.379+/-0.011 χ^2/NDF : 2994783.9/19

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.021 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

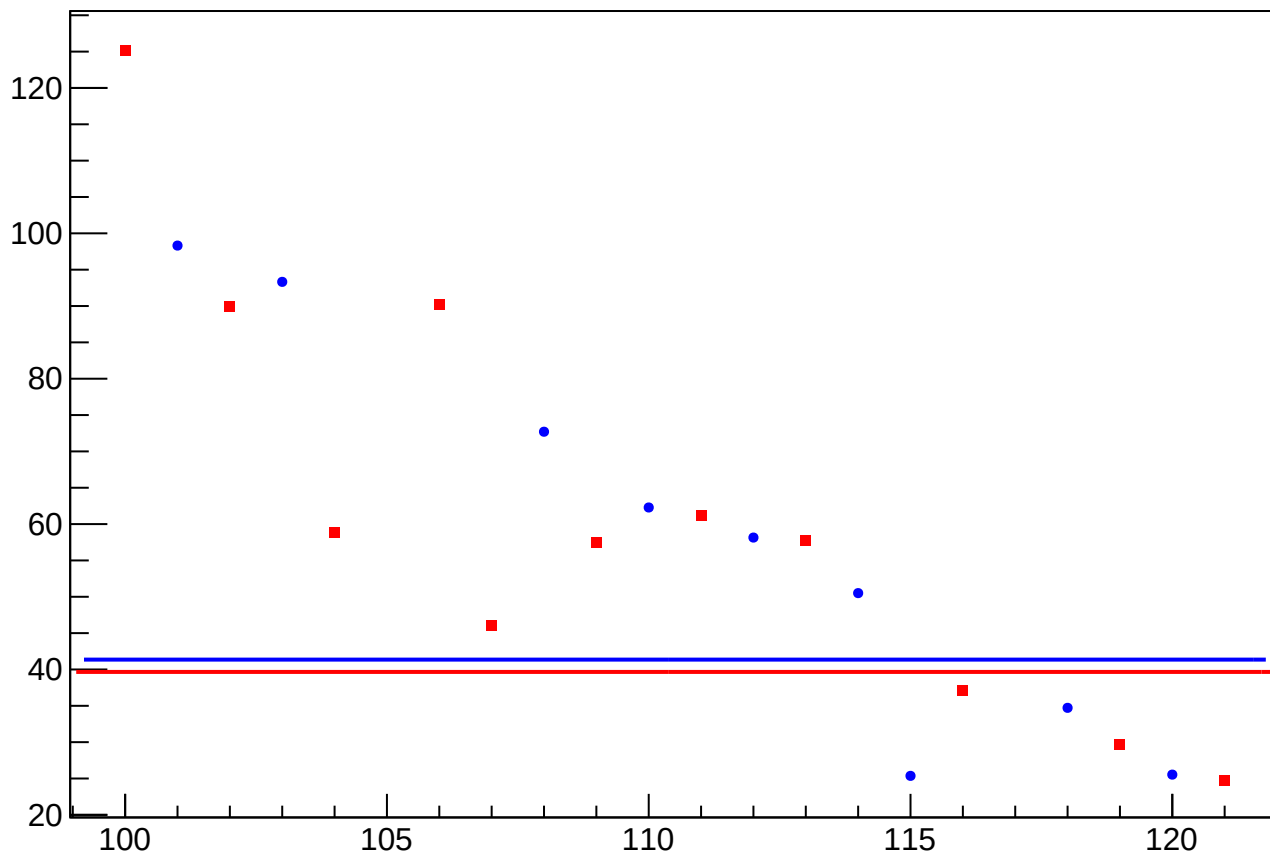
Right: -0.014+/-0.016 χ^2/NDF : 16.1/19

In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.016 χ^2/NDF : 16.1/19

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.663+/-0.015 χ^2/NDF : 1455846.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

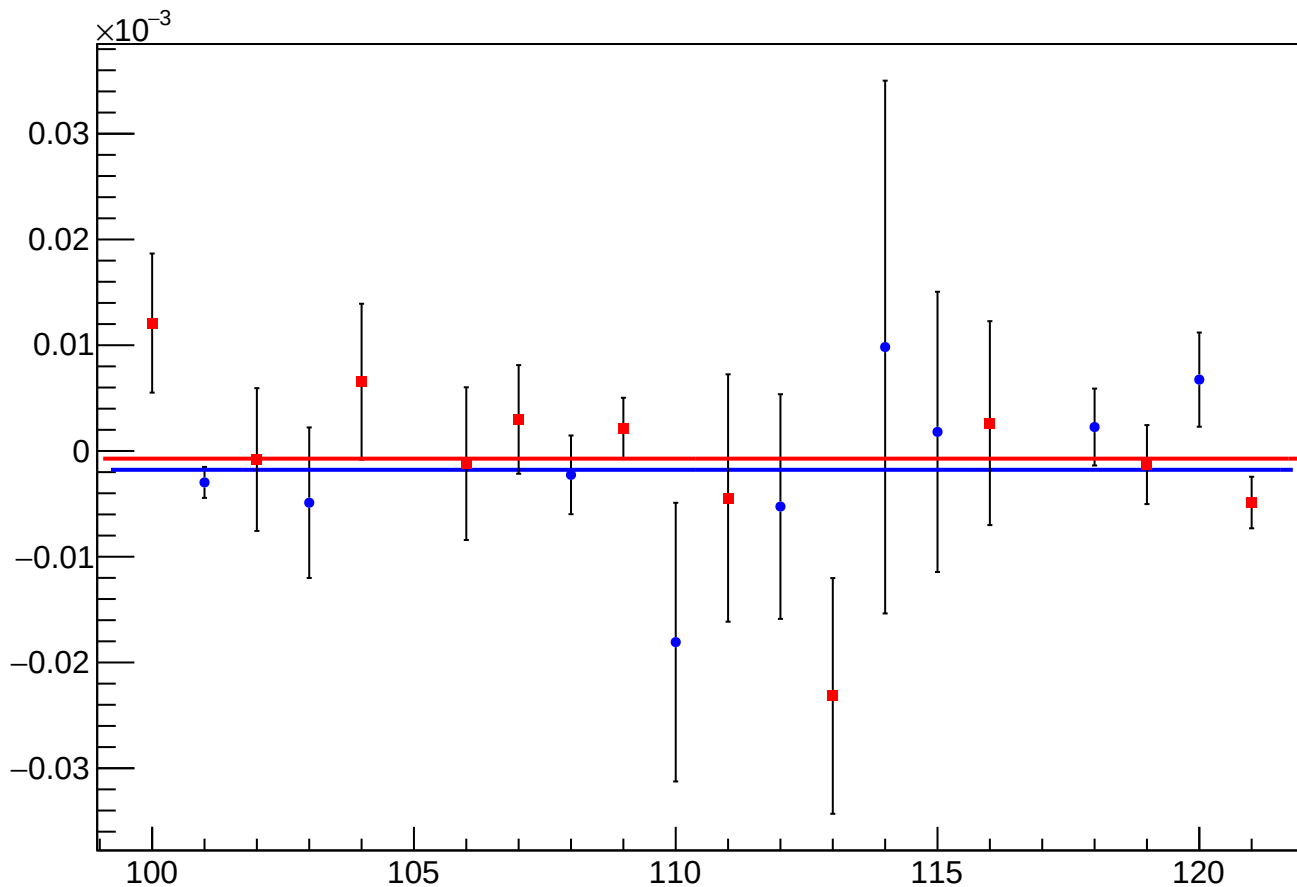
Right: 40.379+/-0.011 χ^2/NDF : 2994783.9/19

In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.379+/-0.011 χ^2/NDF : 2994783.9/19

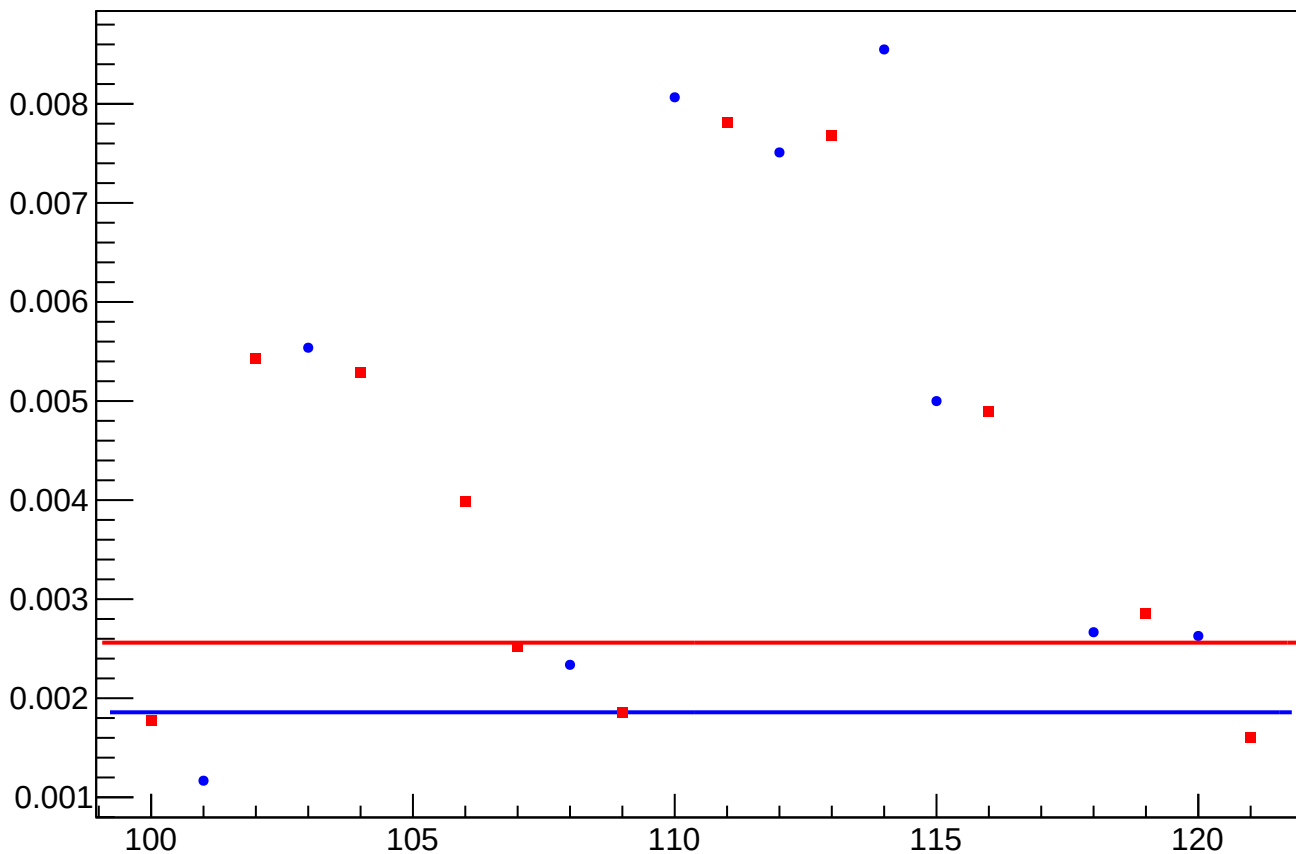
asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 21.5/19
 In: -0.000+/-0.000 χ^2/NDF : 7.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 21.5/19

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2434426.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2126417.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

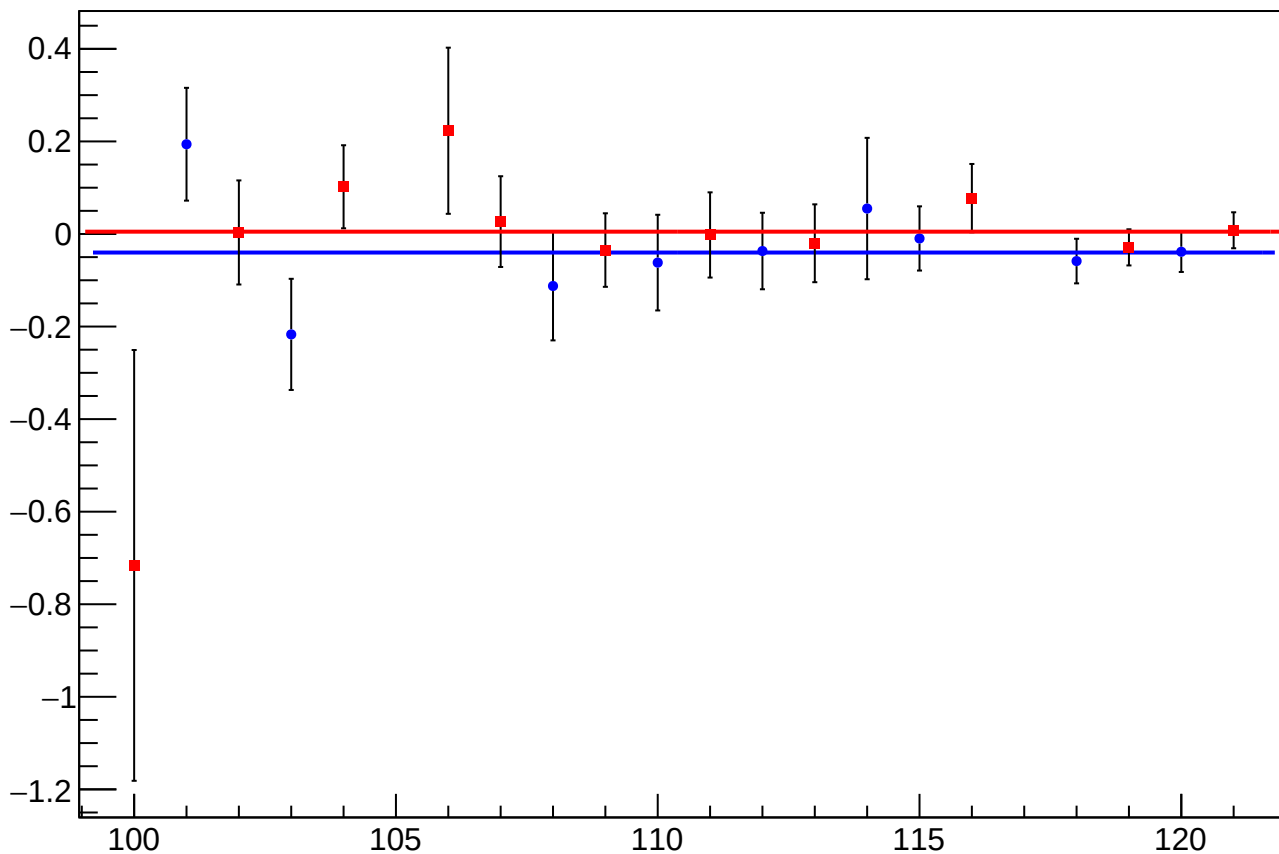
Right: 0.002+/-0.000 χ^2/NDF : 4852778.8/19

In: 0.002+/-0.000 χ^2/NDF :2434426.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4852778.8/19

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.025 χ^2 /NDF: 7.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

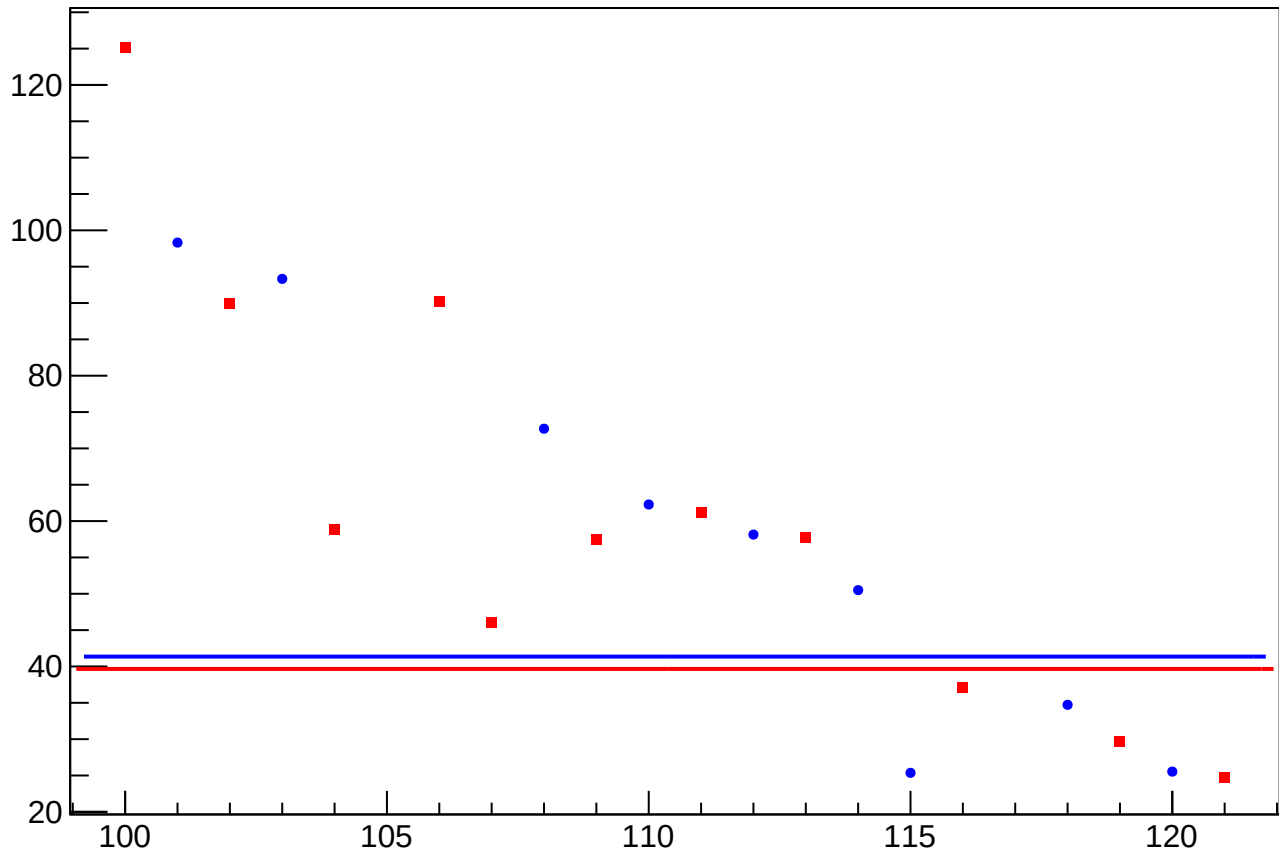
Right: -0.014 $\pm$ 0.016 χ^2 /NDF: 16.1/19

In: -0.040 $\pm$ 0.025 χ^2 /NDF:7.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.016 χ^2 /NDF: 16.1/19

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.663+/-0.015 χ^2/NDF : 1455781.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

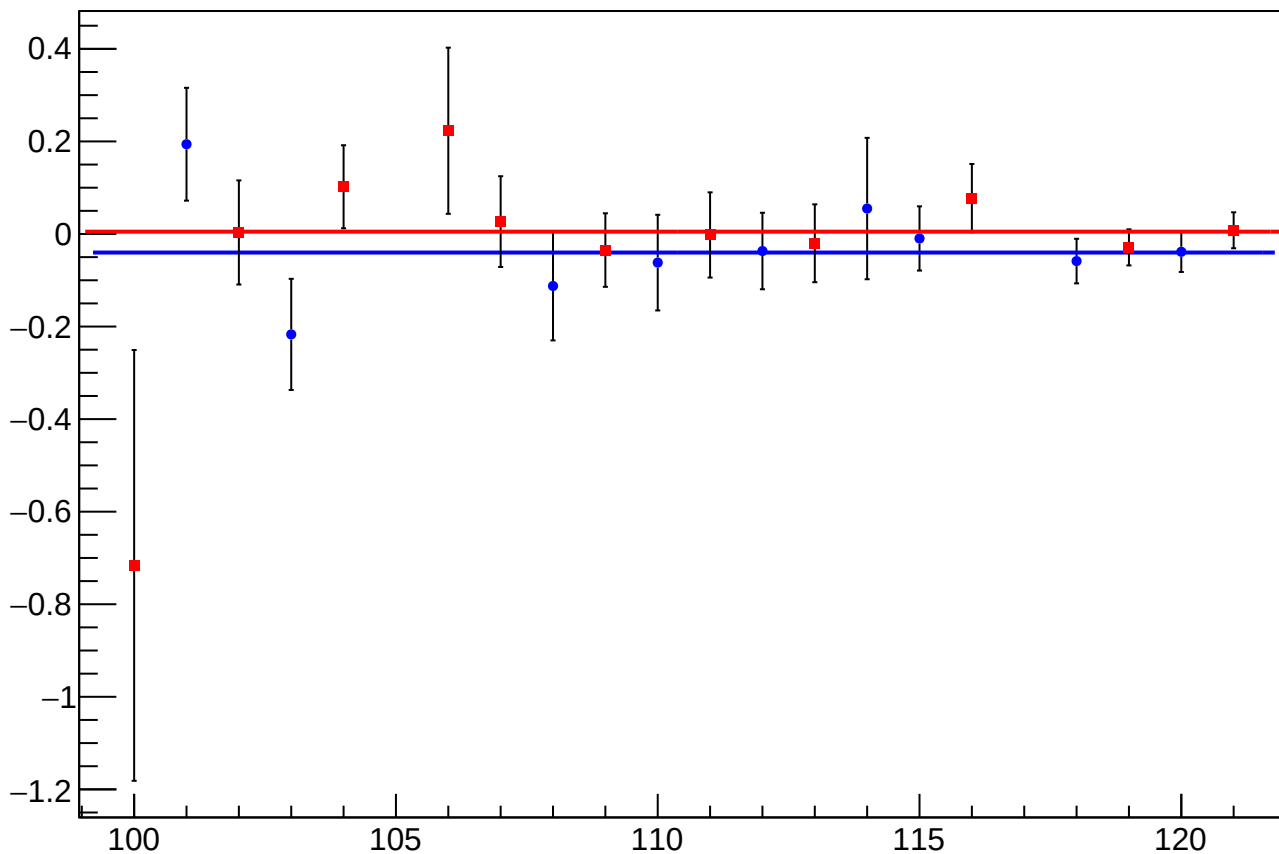
Right: 40.380+/-0.011 χ^2/NDF : 2994608.4/19

In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.380+/-0.011 χ^2/NDF : 2994608.4/19

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.021 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

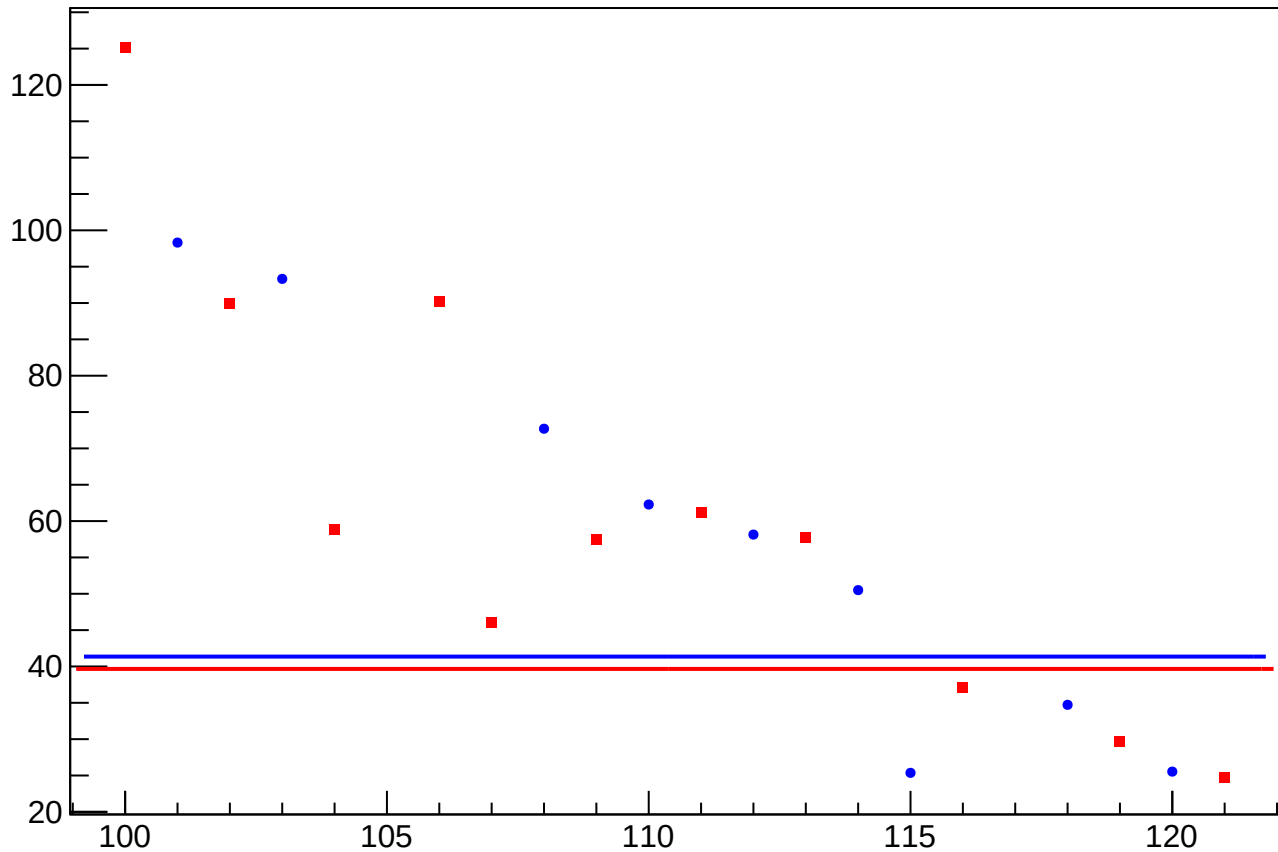
Right: -0.014+/-0.016 χ^2/NDF : 16.1/19

In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.016 χ^2/NDF : 16.1/19

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.663+/-0.015 χ^2/NDF : 1455781.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

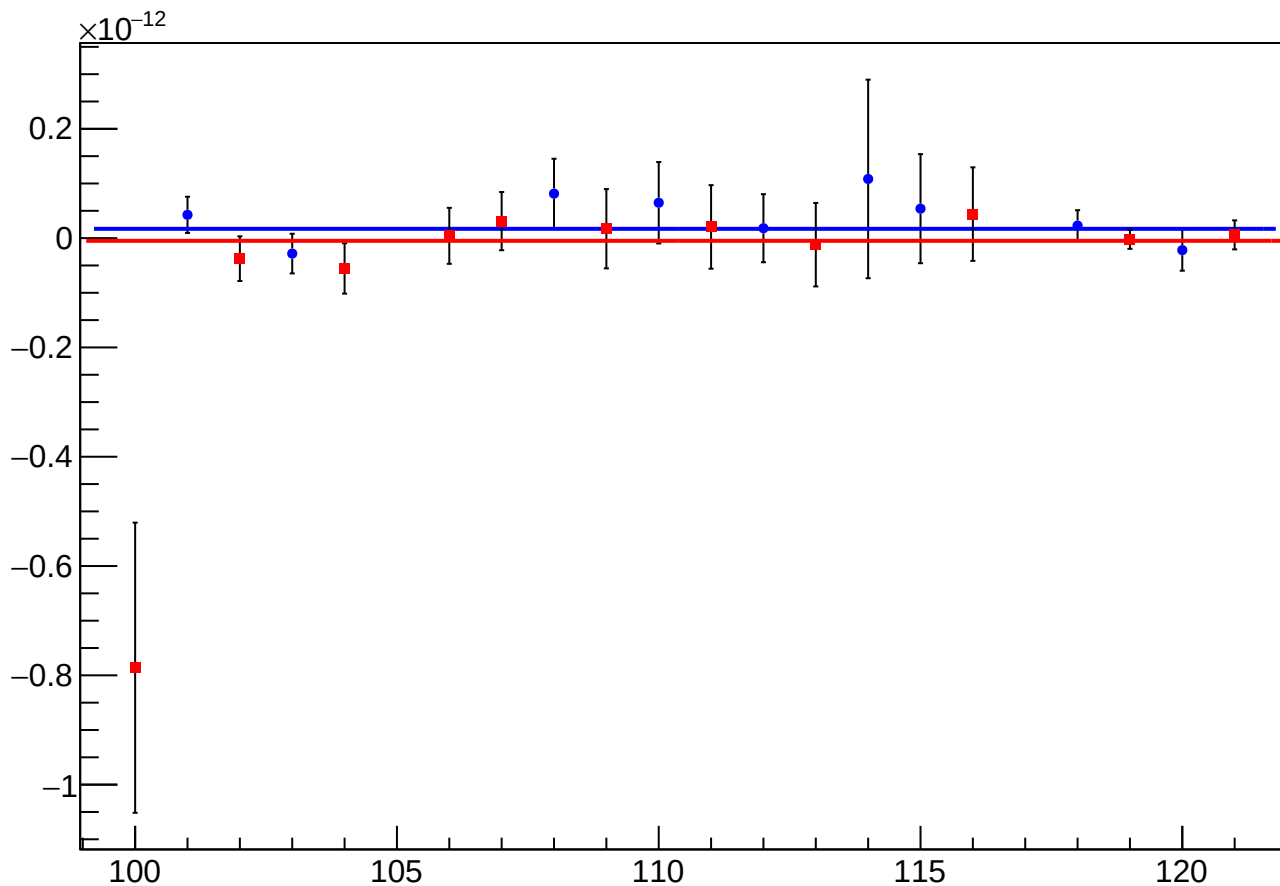
Right: 40.380+/-0.011 χ^2/NDF : 2994608.4/19

In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.380+/-0.011 χ^2/NDF : 2994608.4/19

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

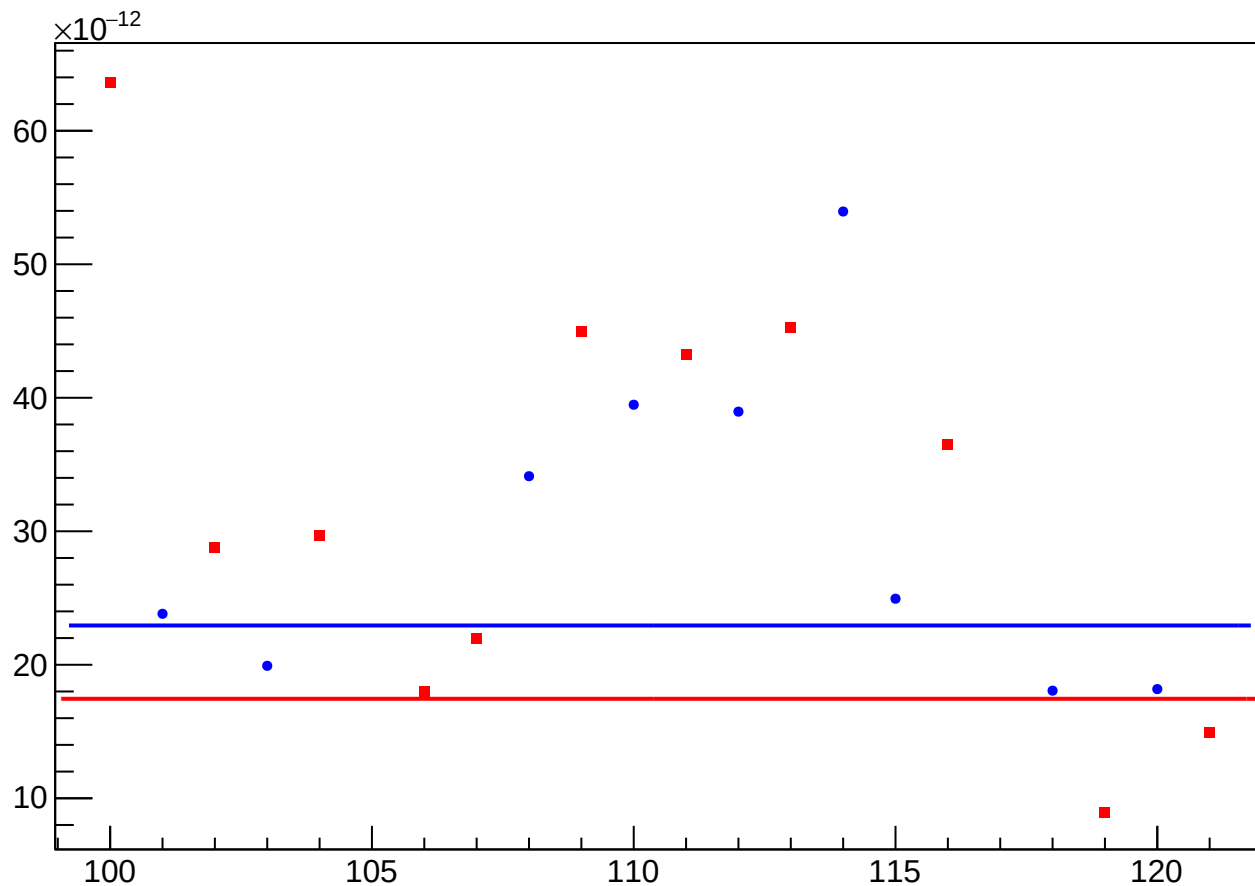
Right: 0.000+/-0.000 χ^2/NDF : 18.1/19

In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.1/19

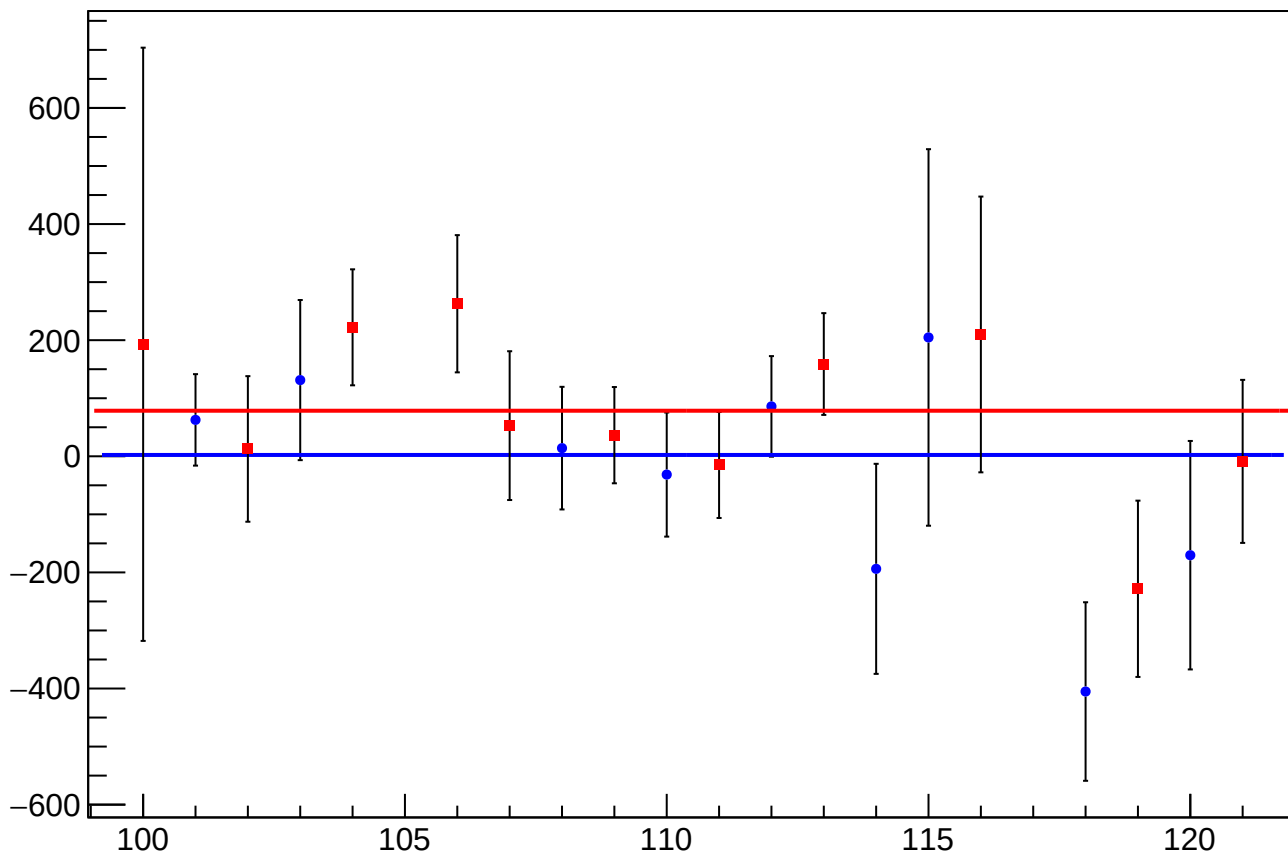
asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 458408.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1750774.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2375208.5/19
 In: 0.000+/-0.000 χ^2/NDF : 458408.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2375208.5/19

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 2.298+/-39.763 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.479+/-35.187 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

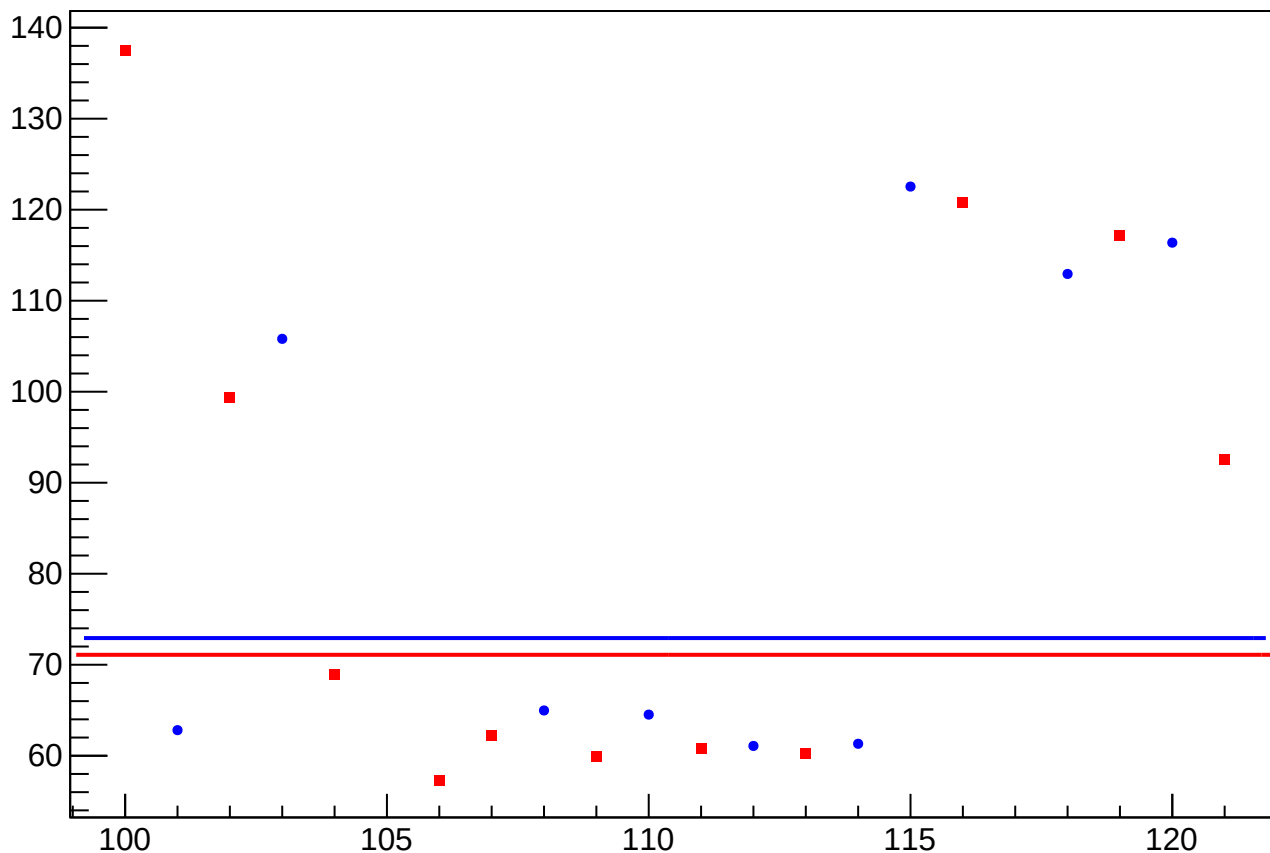
Right: 45.022+/-26.351 χ^2/NDF : 25.7/19

In: 2.298+/-39.763 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.022+/-26.351 χ^2/NDF : 25.7/19

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 72.931+/-0.028 χ^2/NDF : 495834.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.093+/-0.025 χ^2/NDF : 583195.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

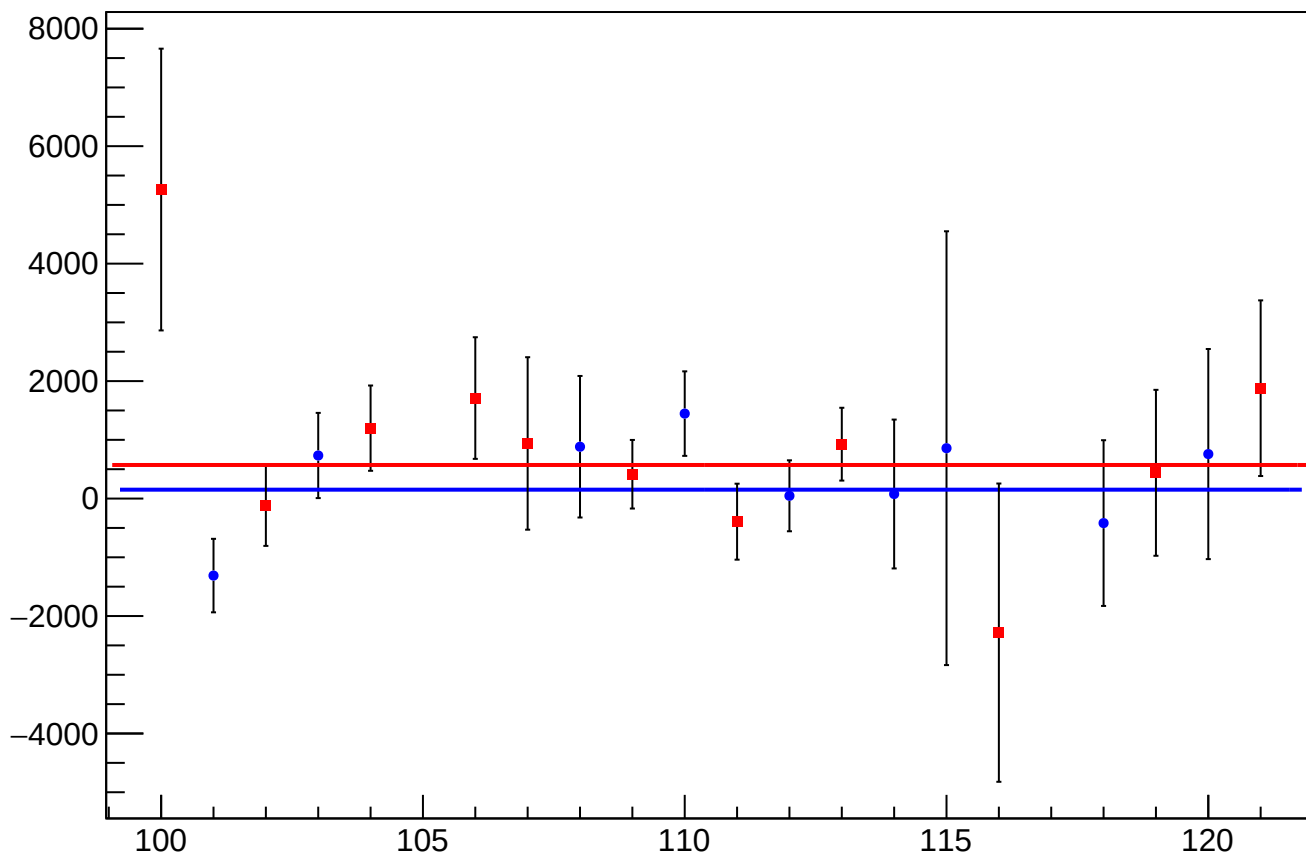
Right: 71.900+/-0.019 χ^2/NDF : 1081426.1/19

In: 72.931+/-0.028 χ^2/NDF : 495834.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.900+/-0.019 χ^2/NDF : 1081426.1/19

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 151.408 $\pm$ 297.148 χ^2 /NDF: 10.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 571.926 $\pm$ 261.570 χ^2 /NDF: 11.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

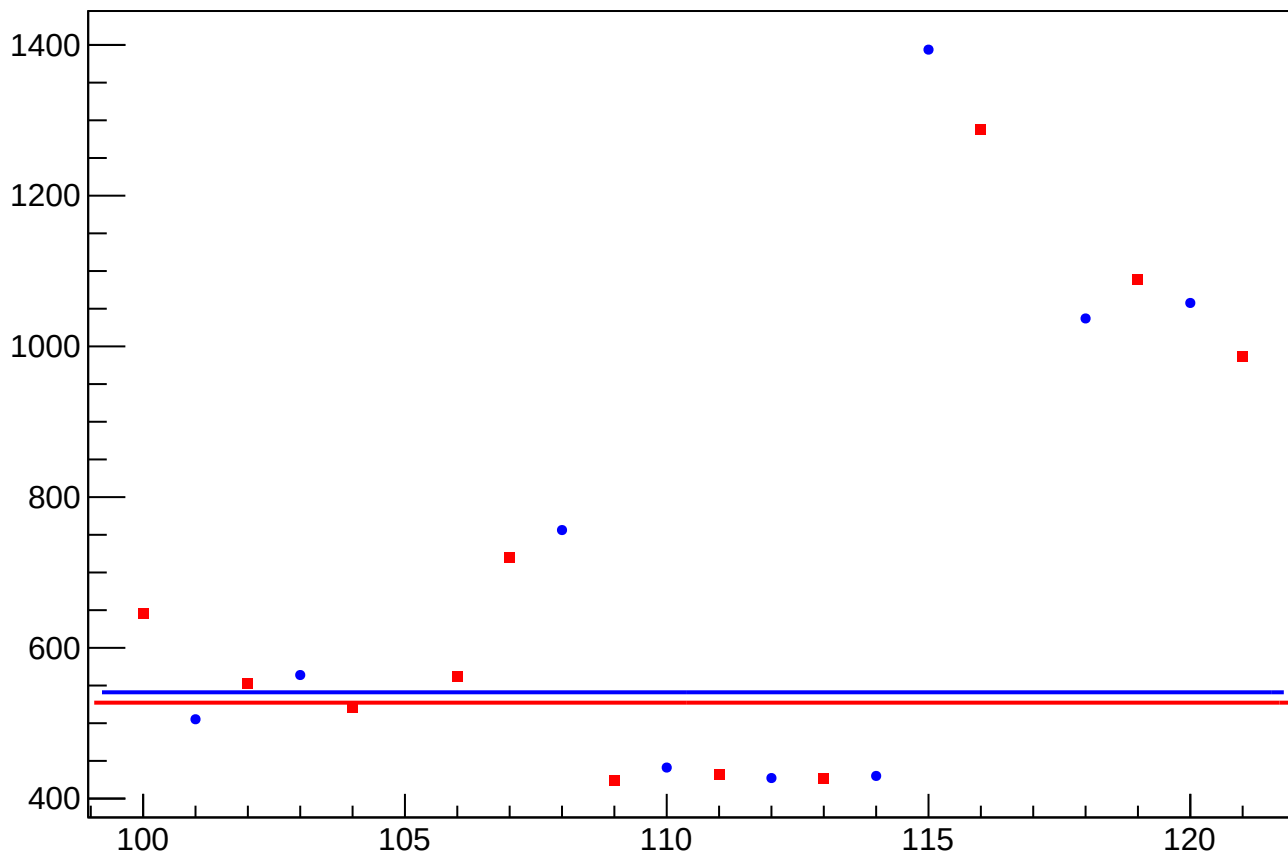
Right: 388.336 $\pm$ 196.338 χ^2 /NDF: 22.7/19

In: 151.408 $\pm$ 297.148 χ^2 /NDF:10.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 388.336 $\pm$ 196.338 χ^2 /NDF: 22.7/19

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 541.019+/-0.210 χ^2/NDF : 717898.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.262+/-0.185 χ^2/NDF : 887260.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

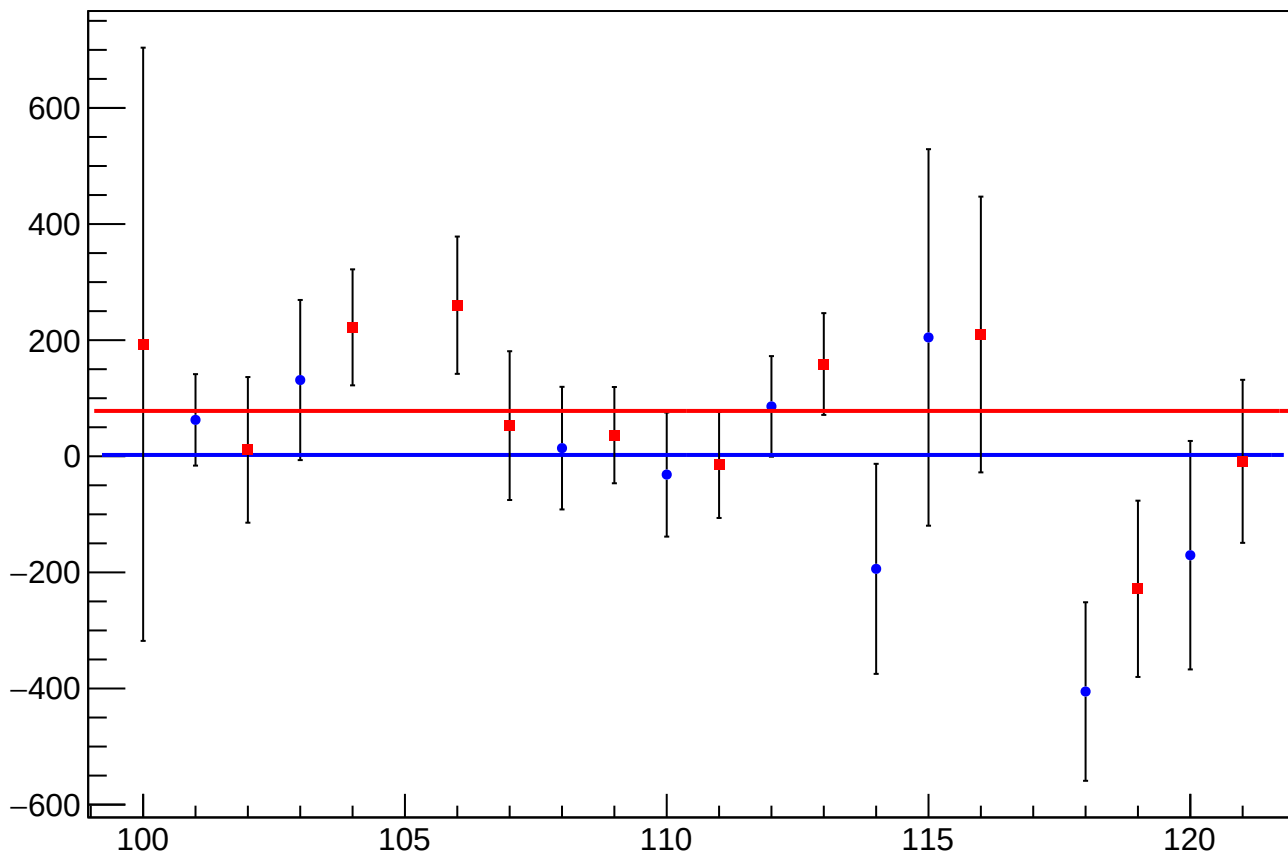
Right: 533.268+/-0.139 χ^2/NDF : 1607574.4/19

In: 541.019+/-0.210 χ^2/NDF : 717898.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.268+/-0.139 χ^2/NDF : 1607574.4/19

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.111+/-35.190 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

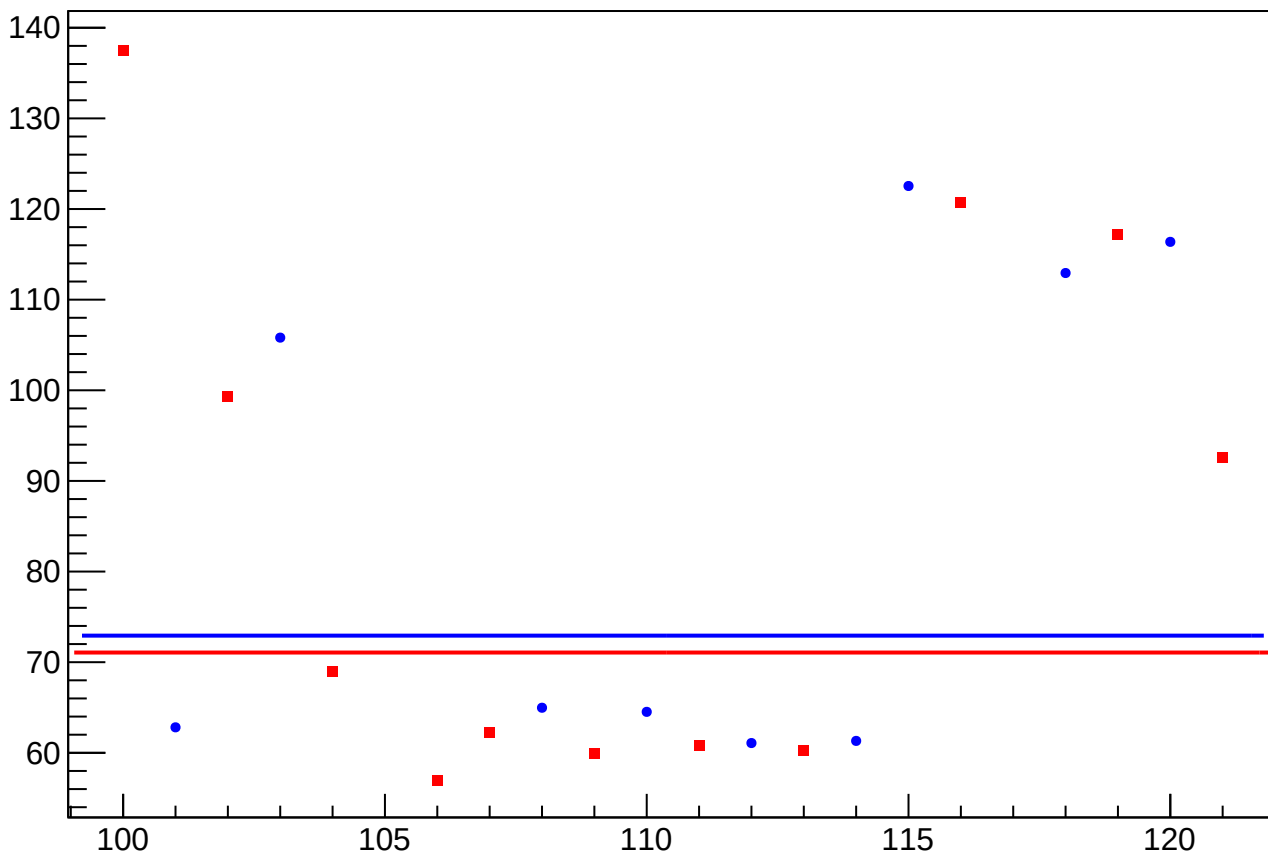
Right: 44.809+/-26.352 χ^2/NDF : 25.6/19

In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.809+/-26.352 χ^2/NDF : 25.6/19

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.066+/-0.025 χ^2/NDF : 584719.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

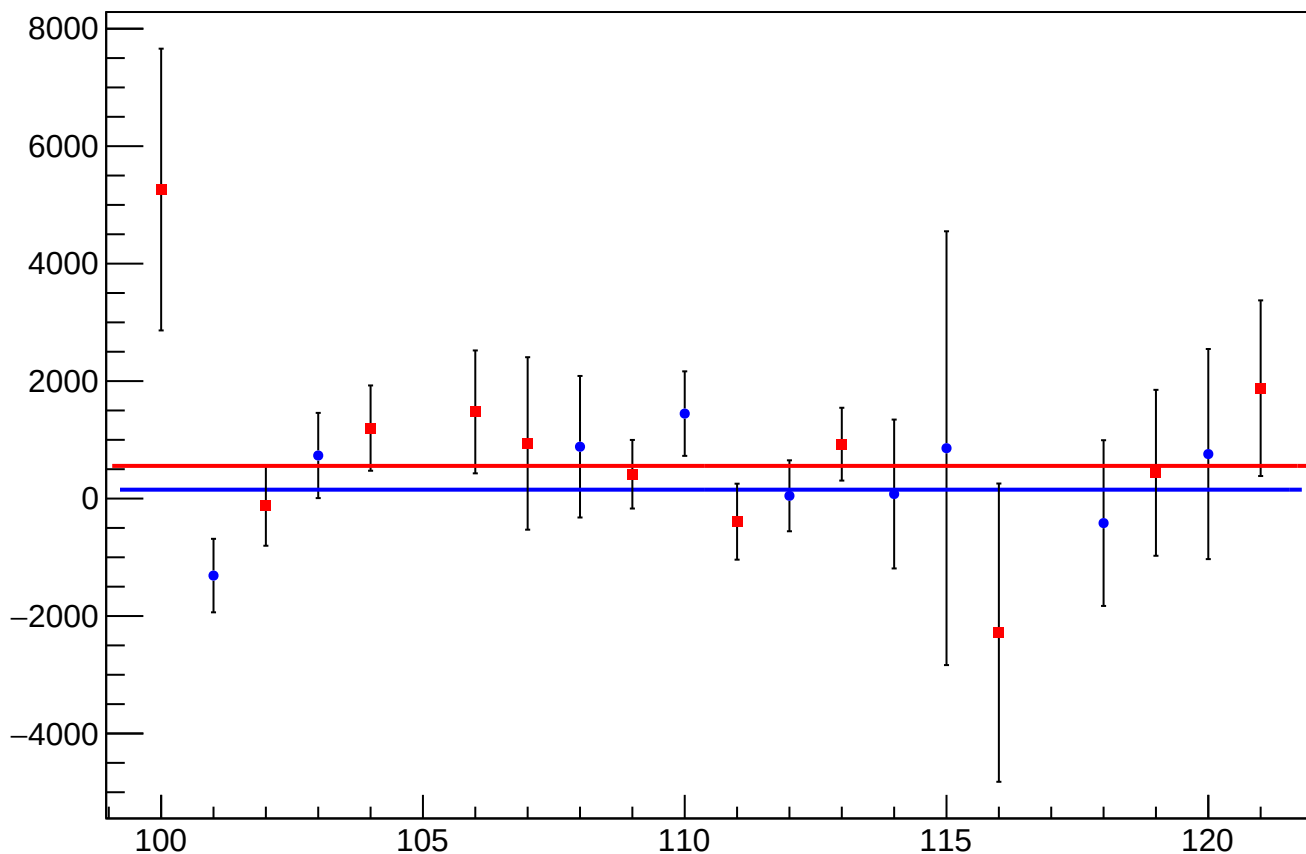
Right: 71.885+/-0.019 χ^2/NDF : 1083023.6/19

In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.885+/-0.019 χ^2/NDF : 1083023.6/19

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 556.365+/-261.766 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

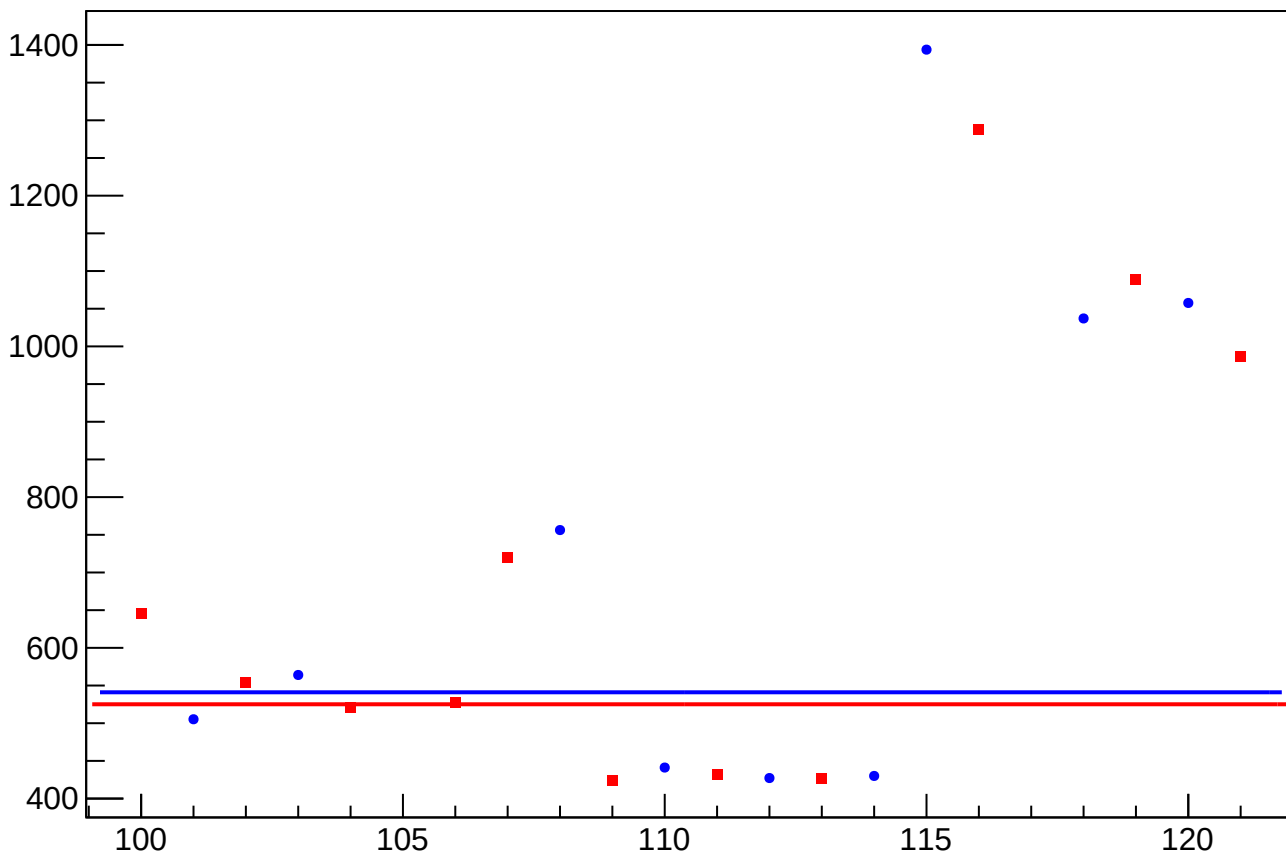
Right: 379.409+/-196.422 χ^2/NDF : 22.1/19

In: 151.373+/-297.153 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 379.409+/-196.422 χ^2/NDF : 22.1/19

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.130+/-0.185 χ^2/NDF : 885014.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

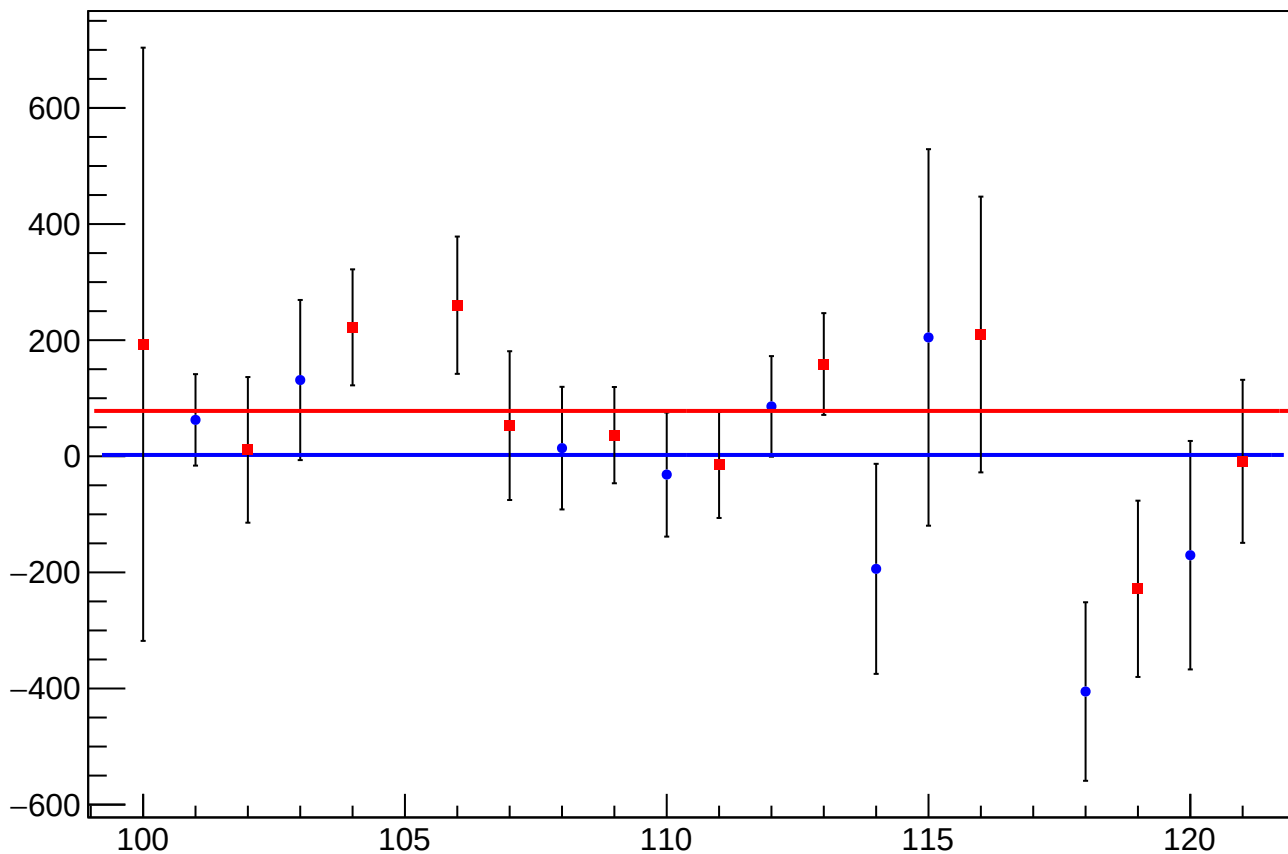
Right: 532.076+/-0.139 χ^2/NDF : 1606143.3/19

In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.076+/-0.139 χ^2/NDF : 1606143.3/19

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.111+/-35.190 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

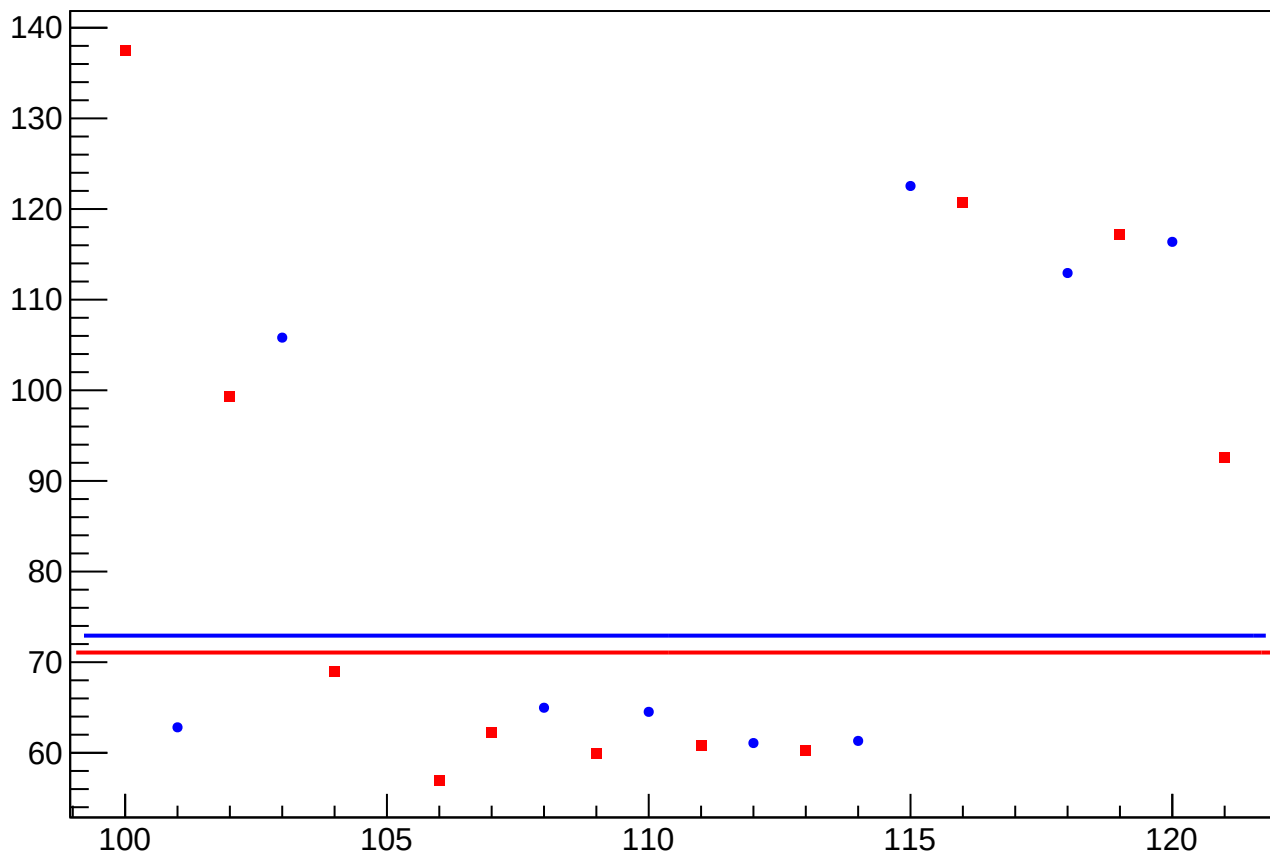
Right: 44.809+/-26.352 χ^2/NDF : 25.6/19

In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.809+/-26.352 χ^2/NDF : 25.6/19

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.066+/-0.025 χ^2/NDF : 584719.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

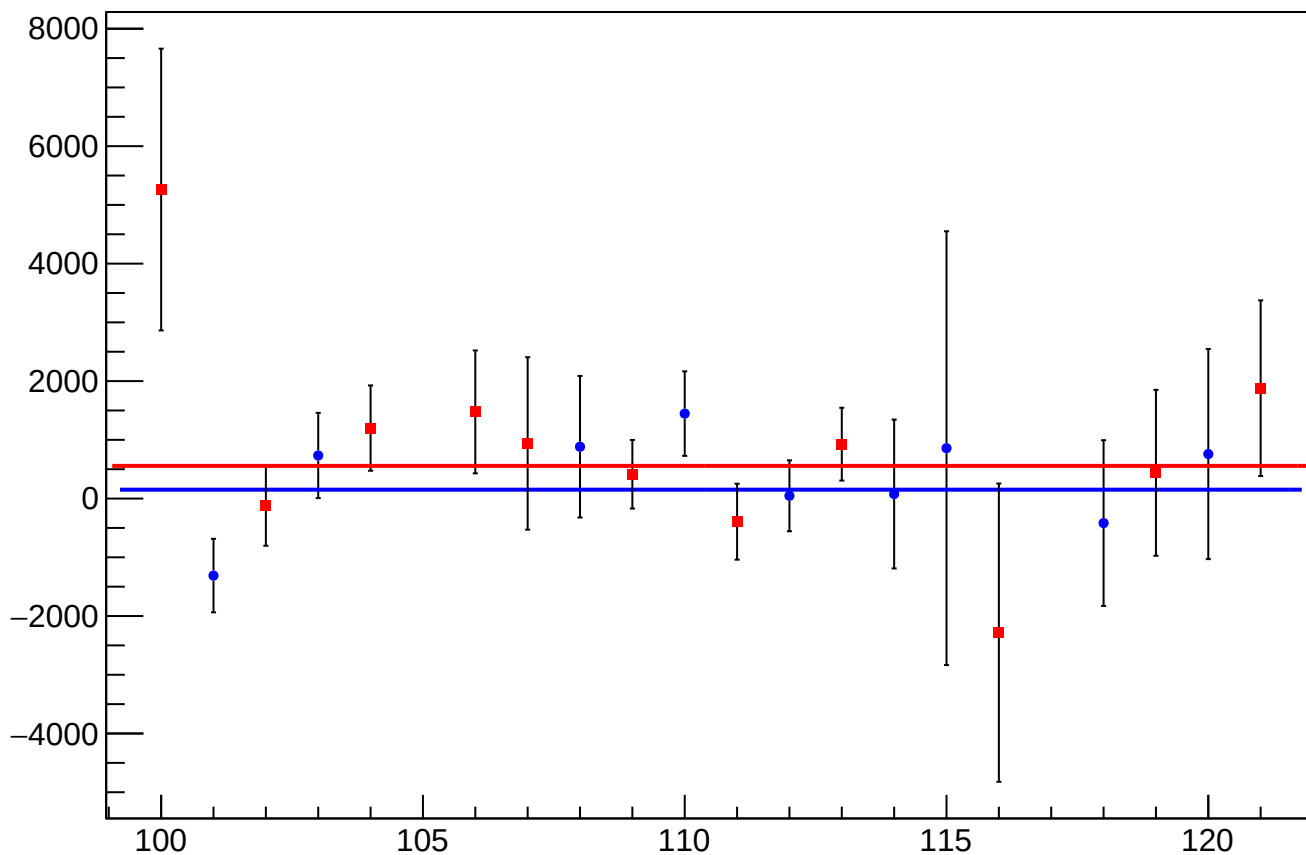
Right: 71.885+/-0.019 χ^2/NDF : 1083023.6/19

In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.885+/-0.019 χ^2/NDF : 1083023.6/19

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.365+/-261.766 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

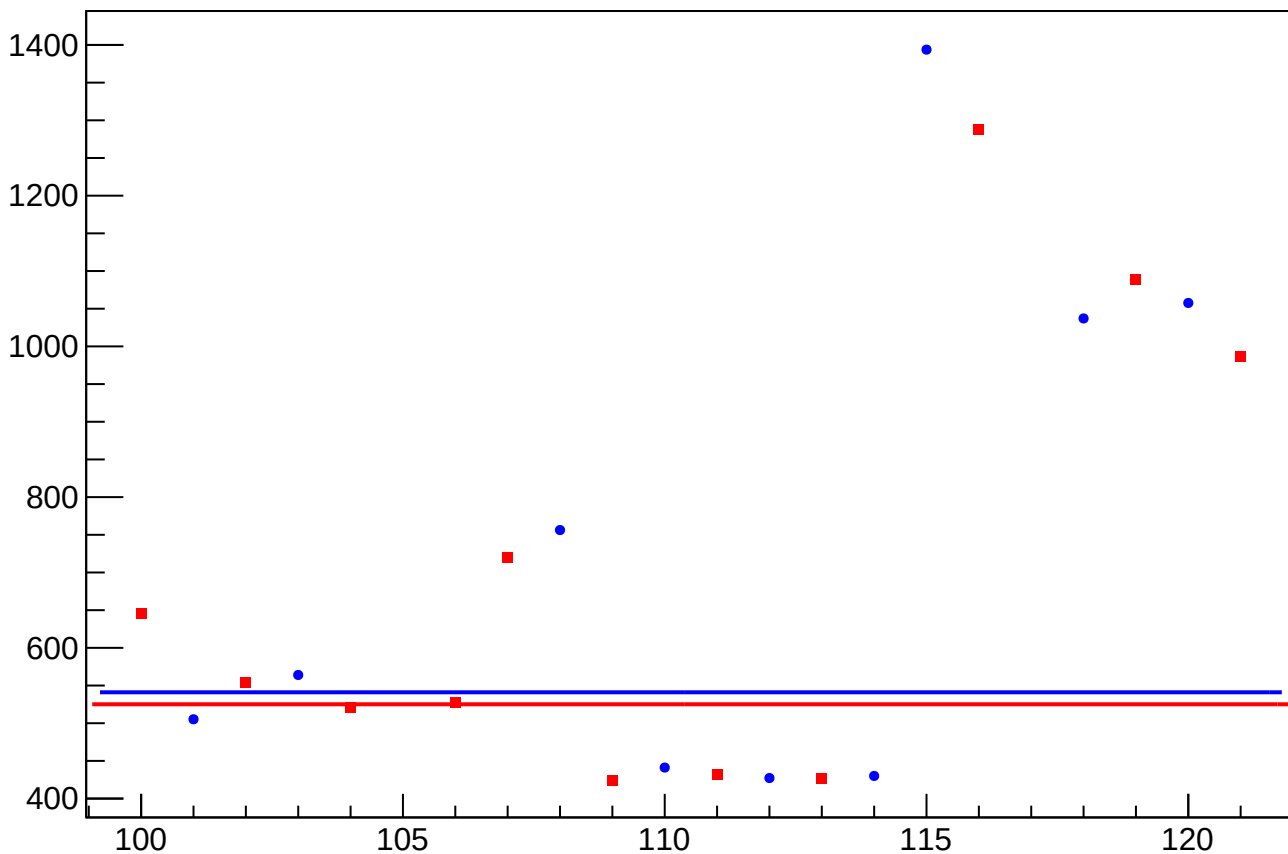
Right: 379.409+/-196.422 χ^2/NDF : 22.1/19

In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.409+/-196.422 χ^2/NDF : 22.1/19

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.130+/-0.185 χ^2/NDF : 885014.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

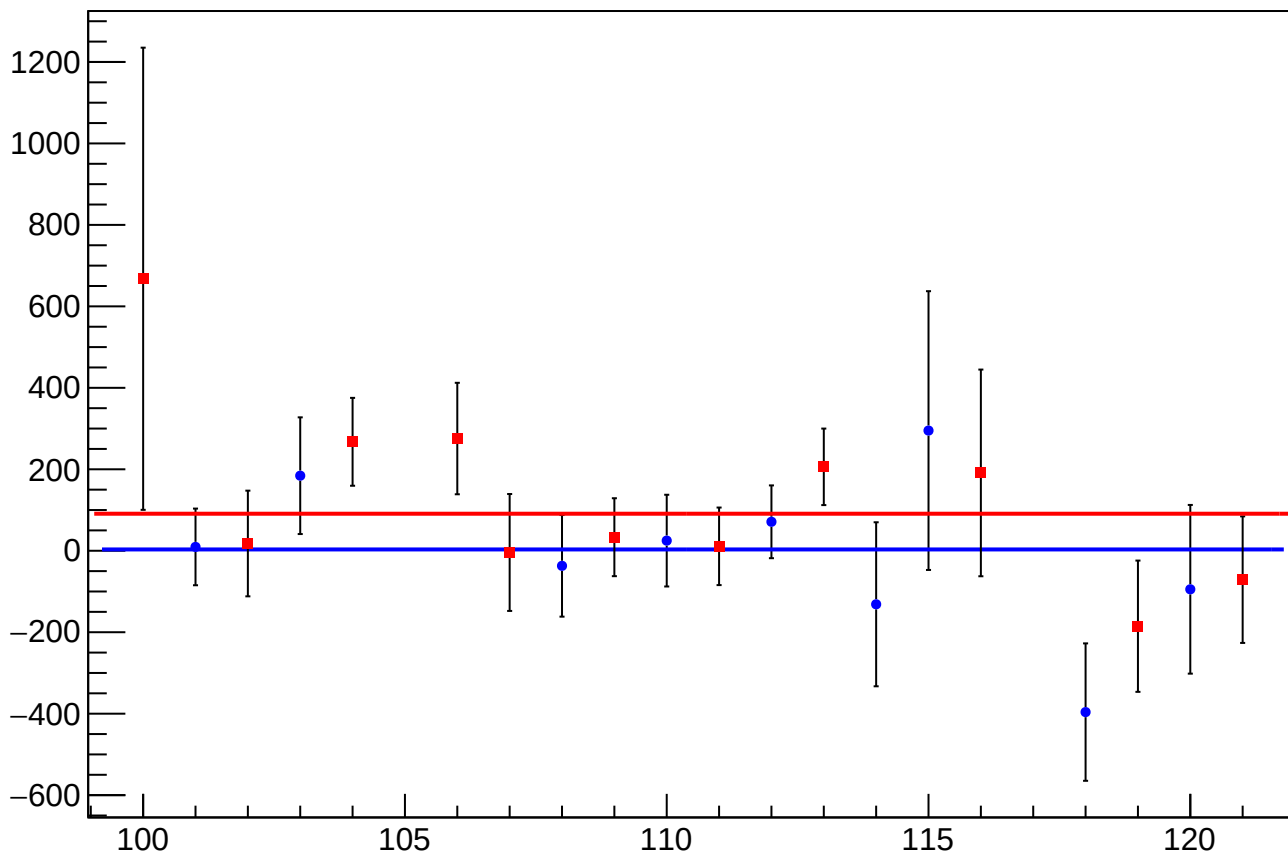
Right: 532.076+/-0.139 χ^2/NDF : 1606143.3/19

In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.076+/-0.139 χ^2/NDF : 1606143.3/19

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.224+/-43.781 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 90.919+/-38.378 χ^2/NDF : 13.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

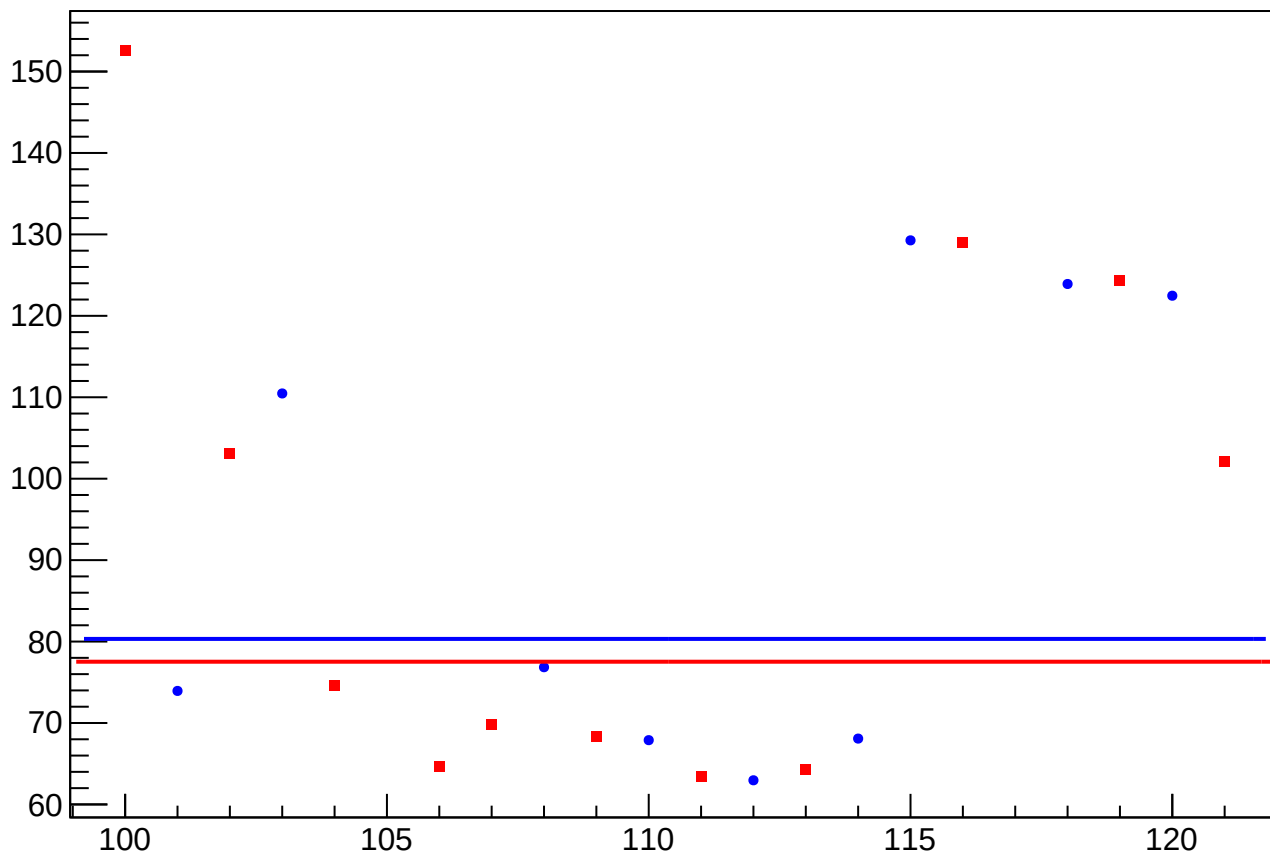
Right: 52.813+/-28.860 χ^2/NDF : 24.6/19

In: 3.224+/-43.781 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.813+/-28.860 χ^2/NDF : 24.6/19

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.325+/-0.031 χ^2/NDF : 463884.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.525+/-0.027 χ^2/NDF : 540324.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

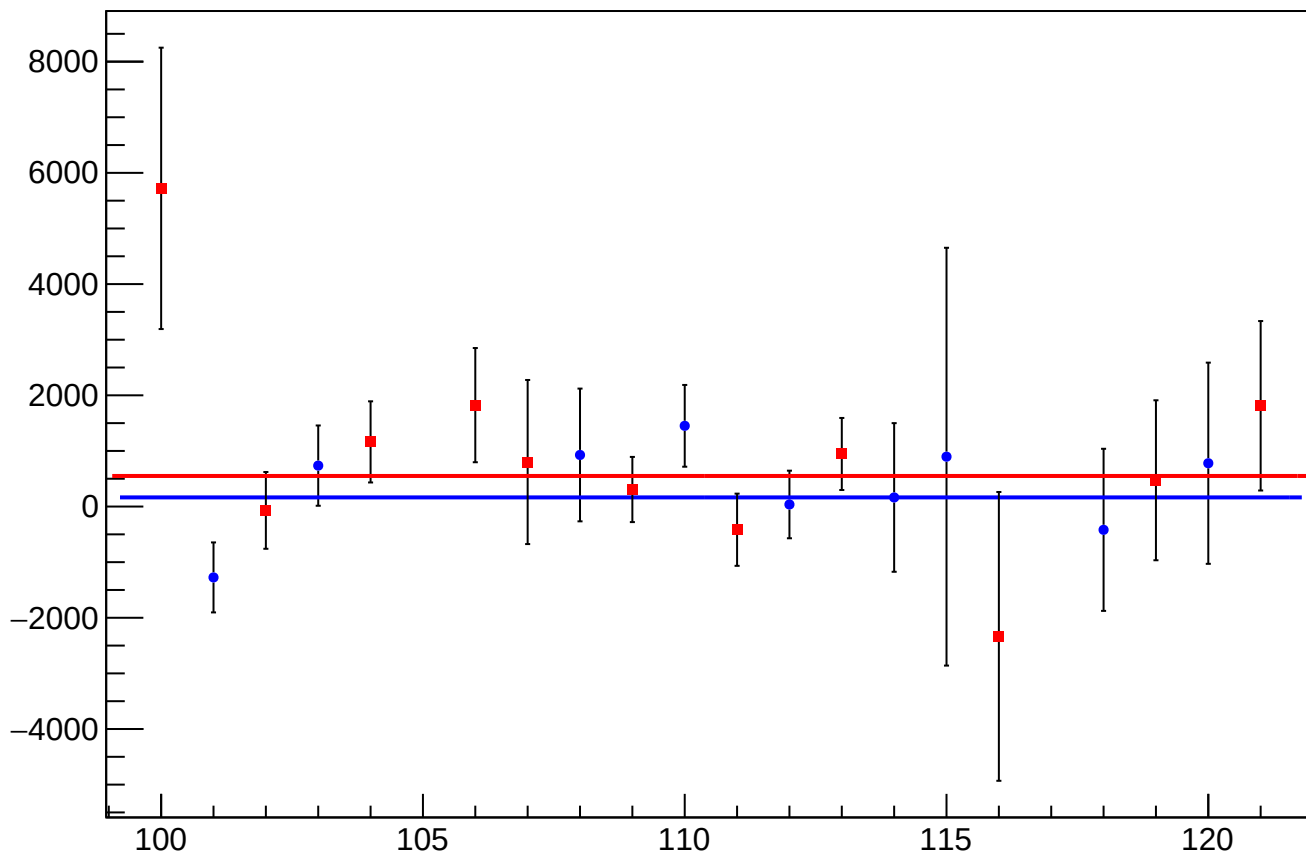
Right: 78.742+/-0.020 χ^2/NDF : 1008835.2/19

In: 80.325+/-0.031 χ^2/NDF : 463884.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.742+/-0.020 χ^2/NDF : 1008835.2/19

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 164.530+/-299.983 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.856+/-264.698 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

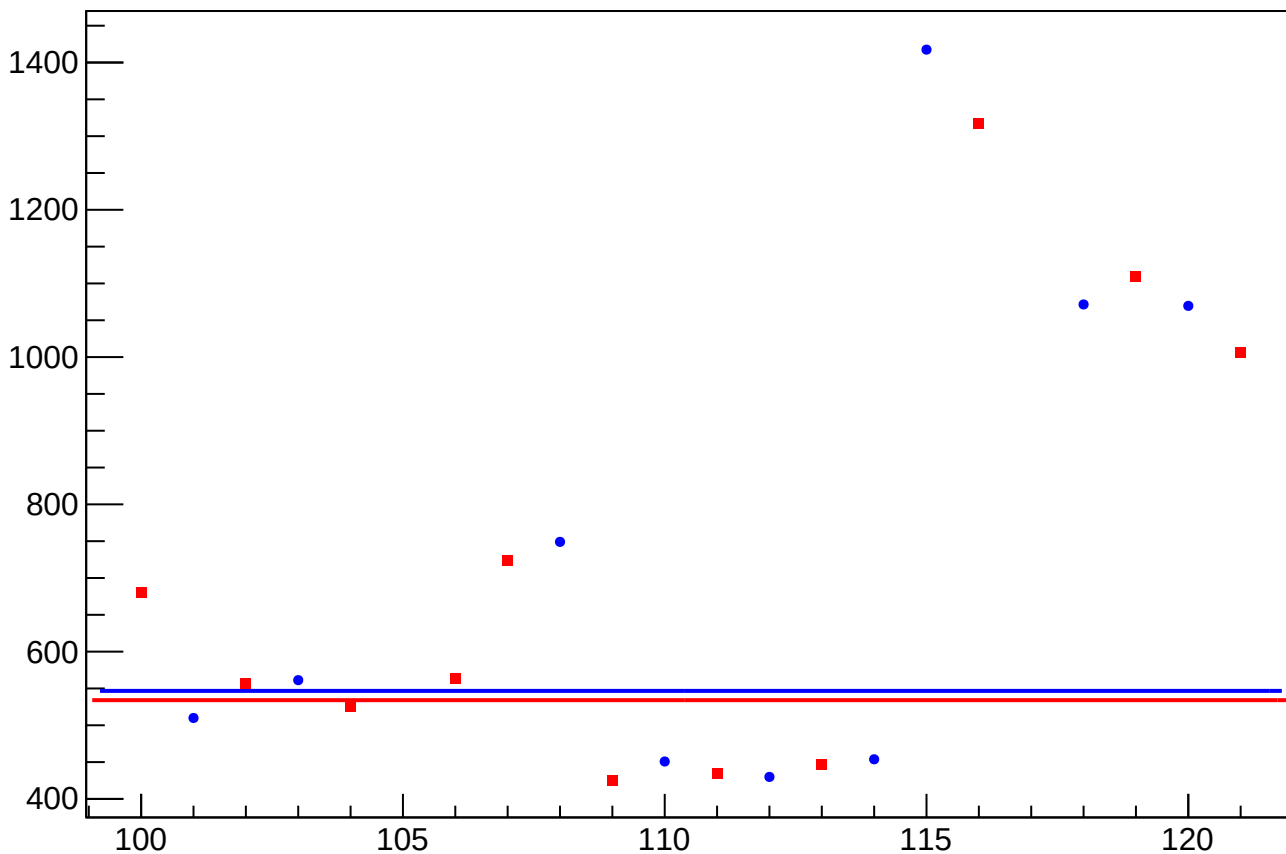
Right: 381.178+/-198.478 χ^2/NDF : 22.6/19

In: 164.530+/-299.983 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.178+/-198.478 χ^2/NDF : 22.6/19

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 546.707+/-0.212 χ^2/NDF : 716650.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 534.100+/-0.187 χ^2/NDF : 890157.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

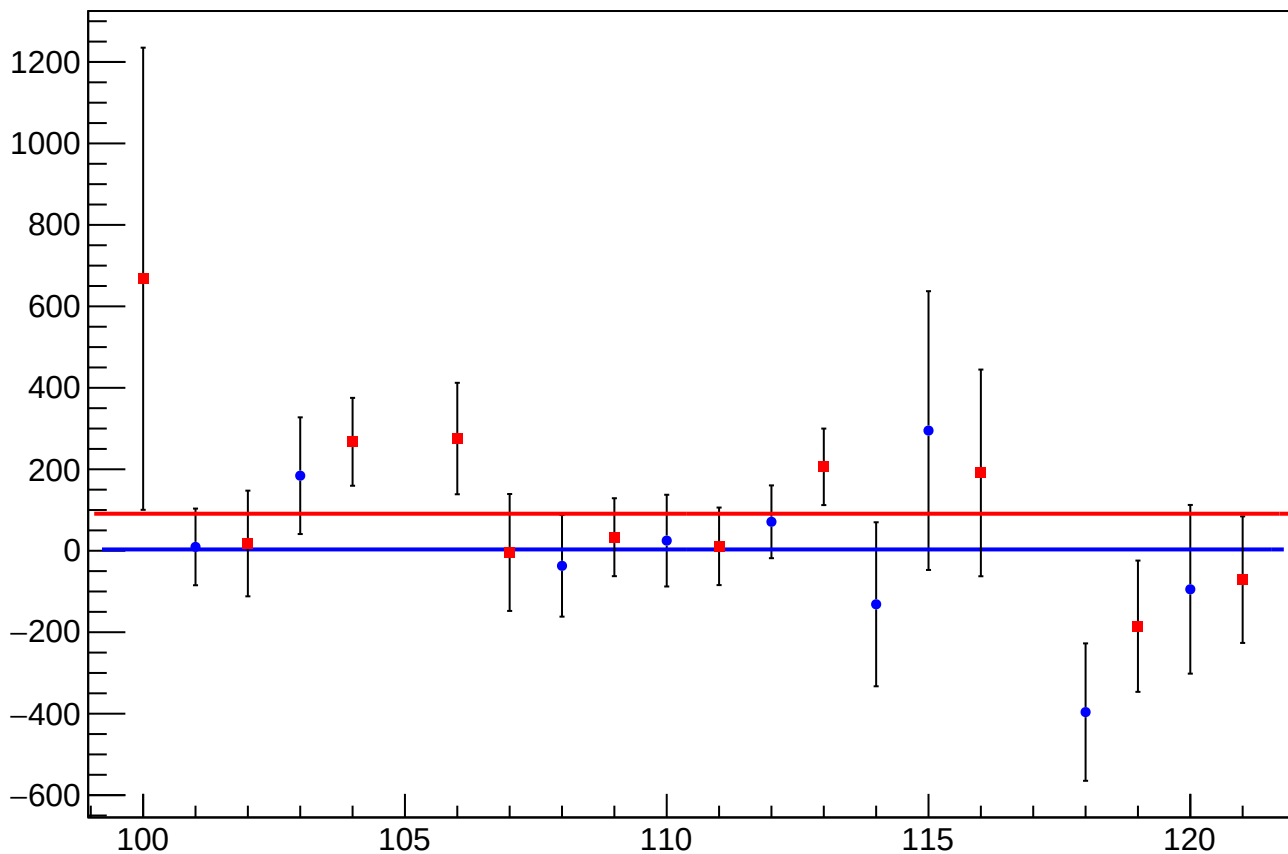
Right: 539.619+/-0.140 χ^2/NDF : 1608793.9/19

In: 546.707+/-0.212 χ^2/NDF : 716650.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.619+/-0.140 χ^2/NDF : 1608793.9/19

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.224+/-43.781 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.918+/-38.378 χ^2/NDF : 13.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

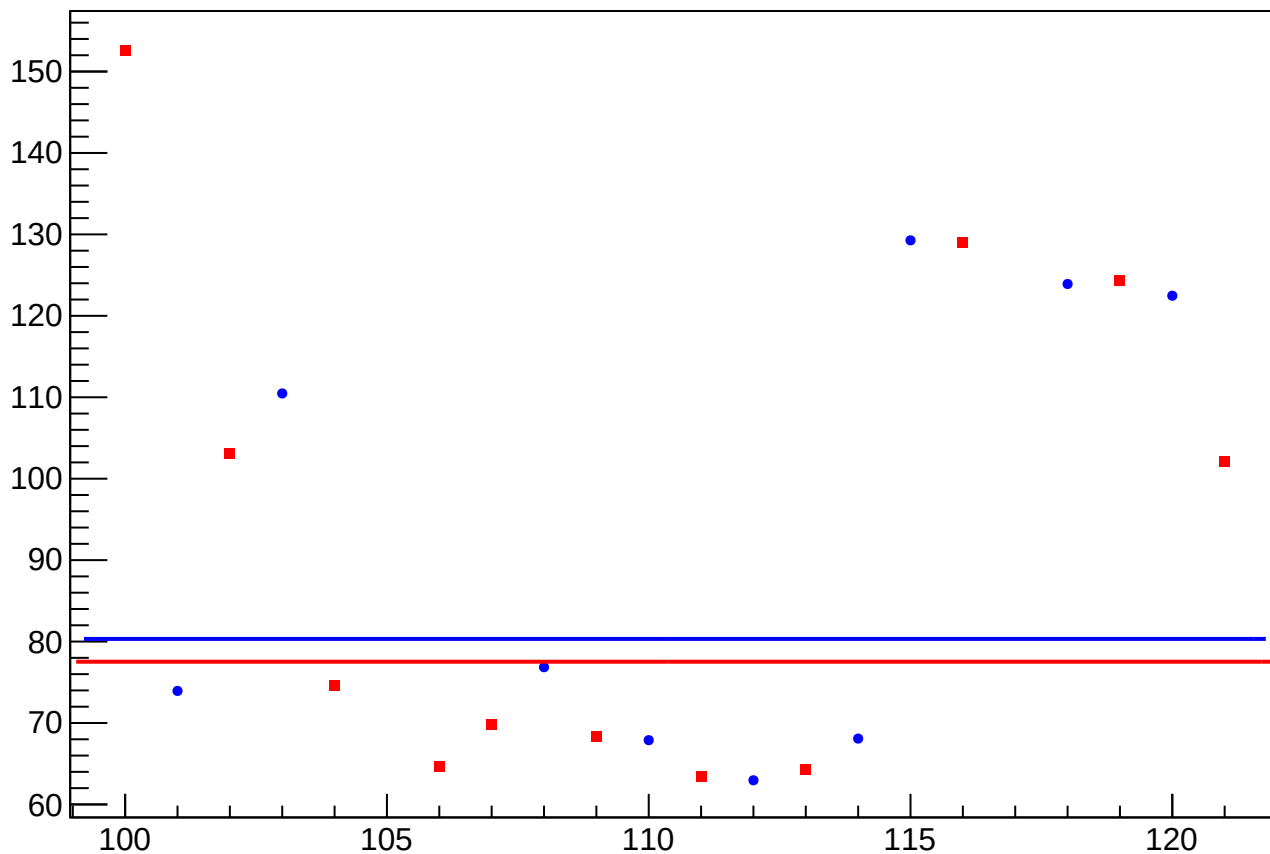
Right: 52.813+/-28.860 χ^2/NDF : 24.6/19

In: 3.224+/-43.781 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.813+/-28.860 χ^2/NDF : 24.6/19

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.325+/-0.031 χ^2/NDF : 463886.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.525+/-0.027 χ^2/NDF : 540326.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

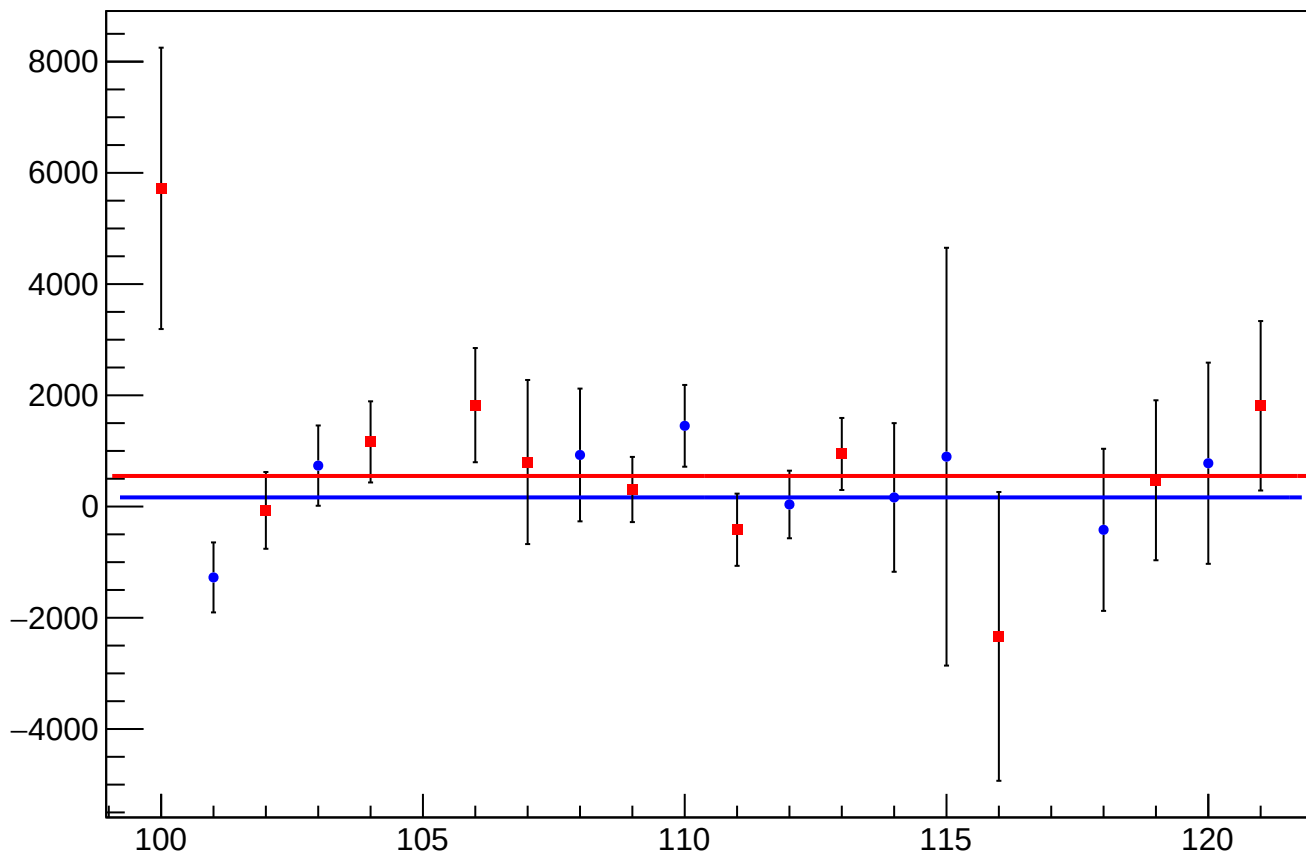
Right: 78.742+/-0.020 χ^2/NDF : 1008839.2/19

In: 80.325+/-0.031 χ^2/NDF : 463886.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.742+/-0.020 χ^2/NDF : 1008839.2/19

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 164.530 $\pm$ 299.983 χ^2 /NDF: 9.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 549.856 $\pm$ 264.698 χ^2 /NDF: 11.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

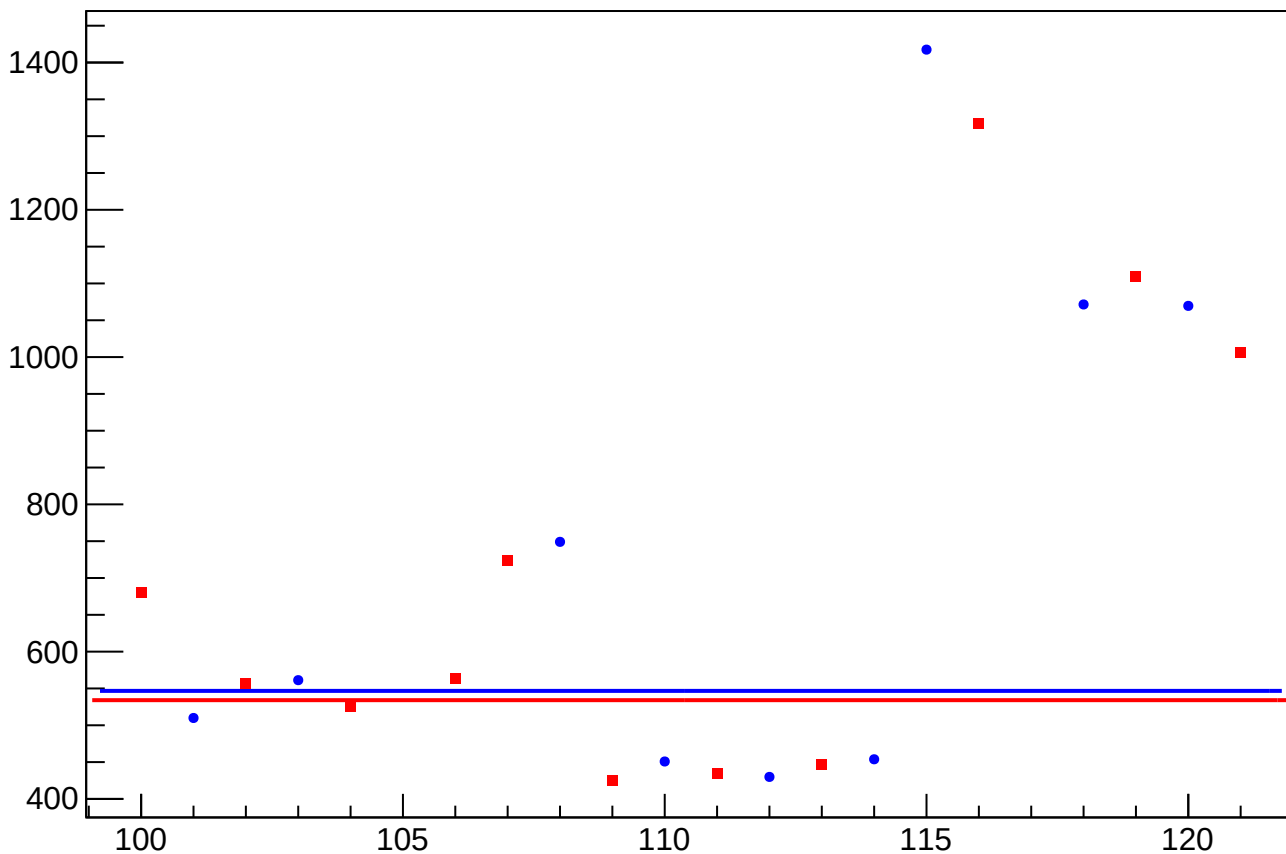
Right: 381.177 $\pm$ 198.478 χ^2 /NDF: 22.6/19

In: 164.530 $\pm$ 299.983 χ^2 /NDF:9.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 381.177 $\pm$ 198.478 χ^2 /NDF: 22.6/19

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 546.707+/-0.212 χ^2/NDF : 716653.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 534.100+/-0.187 χ^2/NDF : 890160.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

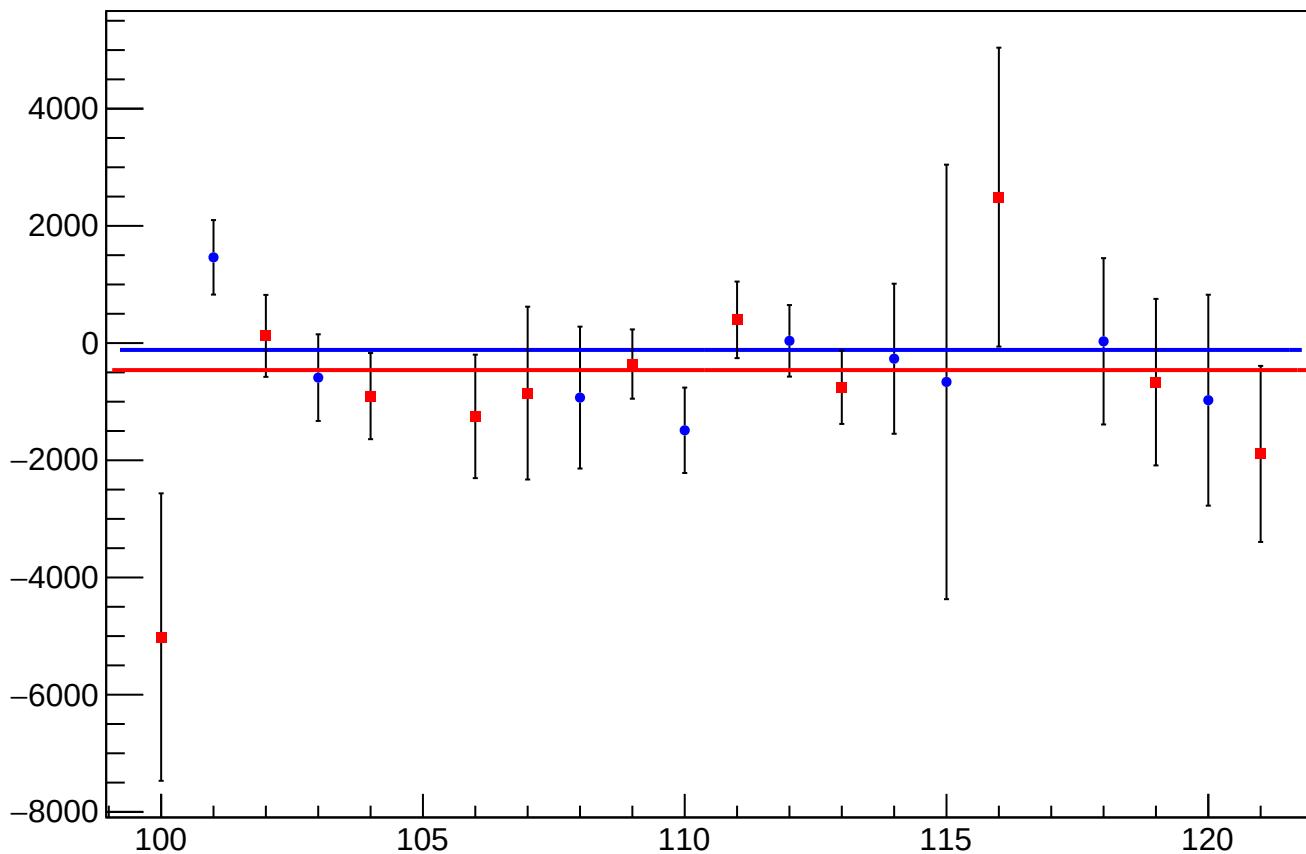
Right: 539.618+/-0.140 χ^2/NDF : 1608799.6/19

In: 546.707+/-0.212 χ^2/NDF : 716653.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.618+/-0.140 χ^2/NDF : 1608799.6/19

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -116.852 ± 300.927 χ^2/NDF : 10.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -460.901 ± 264.757 χ^2/NDF : 9.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

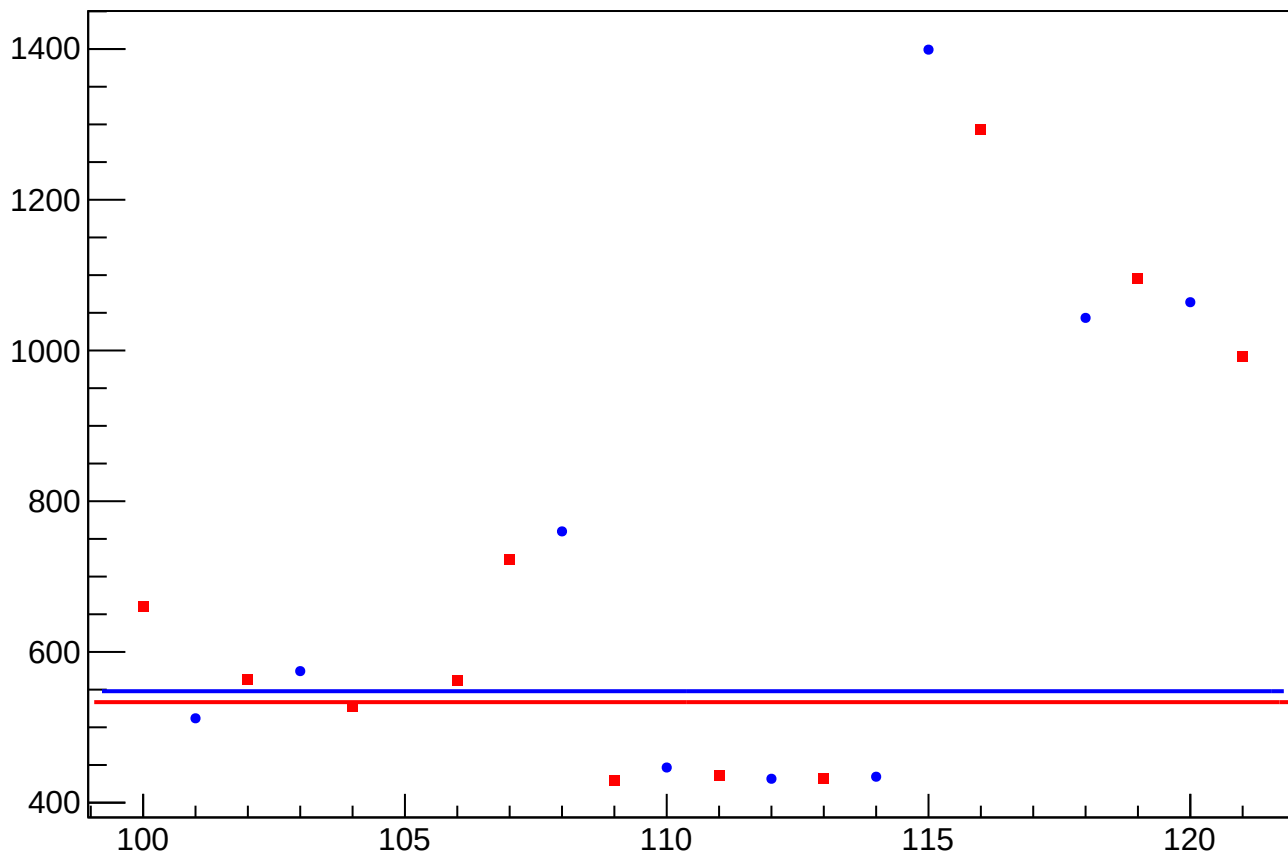
Right: -310.786 ± 198.776 χ^2/NDF : 21.0/19

In: -116.852 ± 300.927 χ^2/NDF : 10.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -310.786 ± 198.776 χ^2/NDF : 21.0/19

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 547.907+/-0.213 χ^2/NDF : 710771.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.394+/-0.187 χ^2/NDF : 878415.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

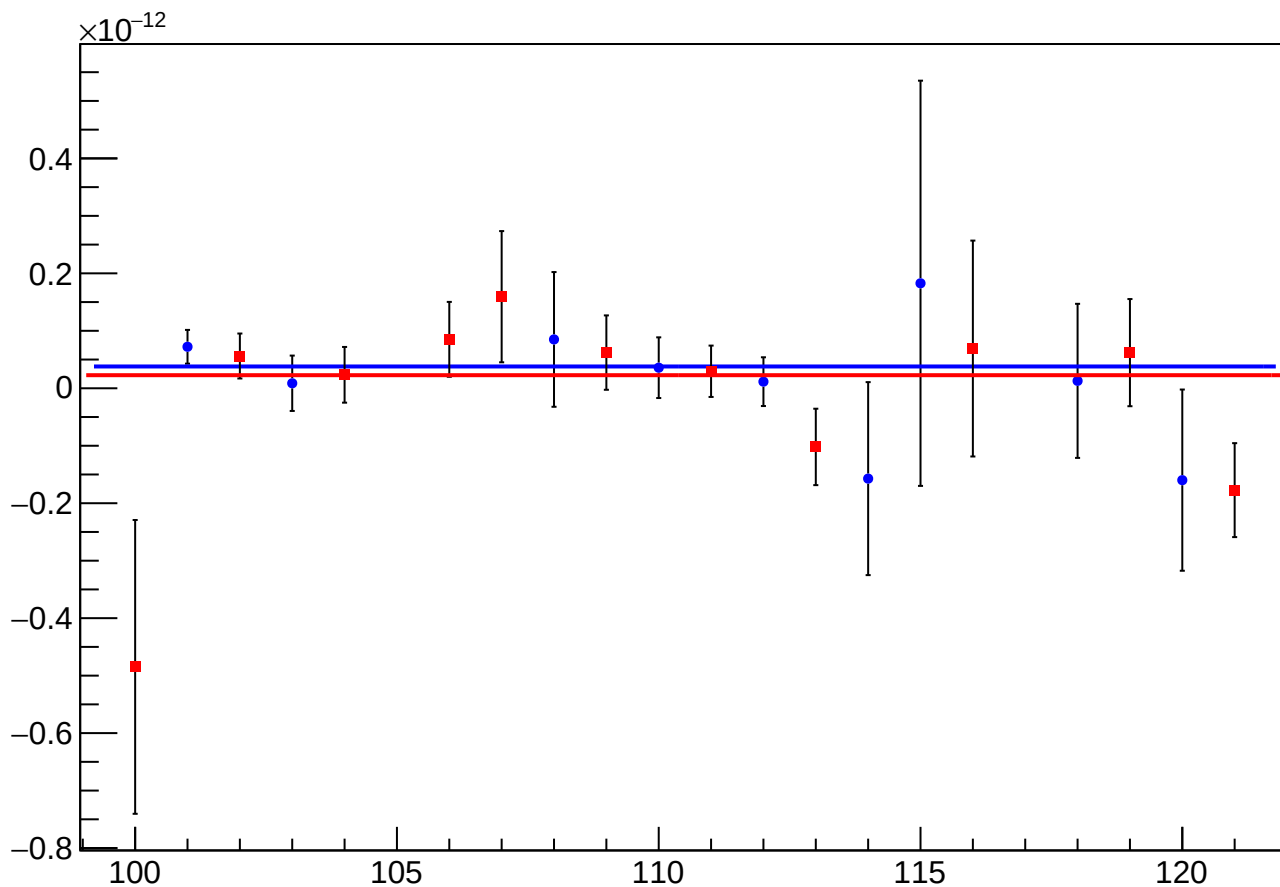
Right: 539.726+/-0.141 χ^2/NDF : 1591809.8/19

In: 547.907+/-0.213 χ^2/NDF : 710771.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.726+/-0.141 χ^2/NDF : 1591809.8/19

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

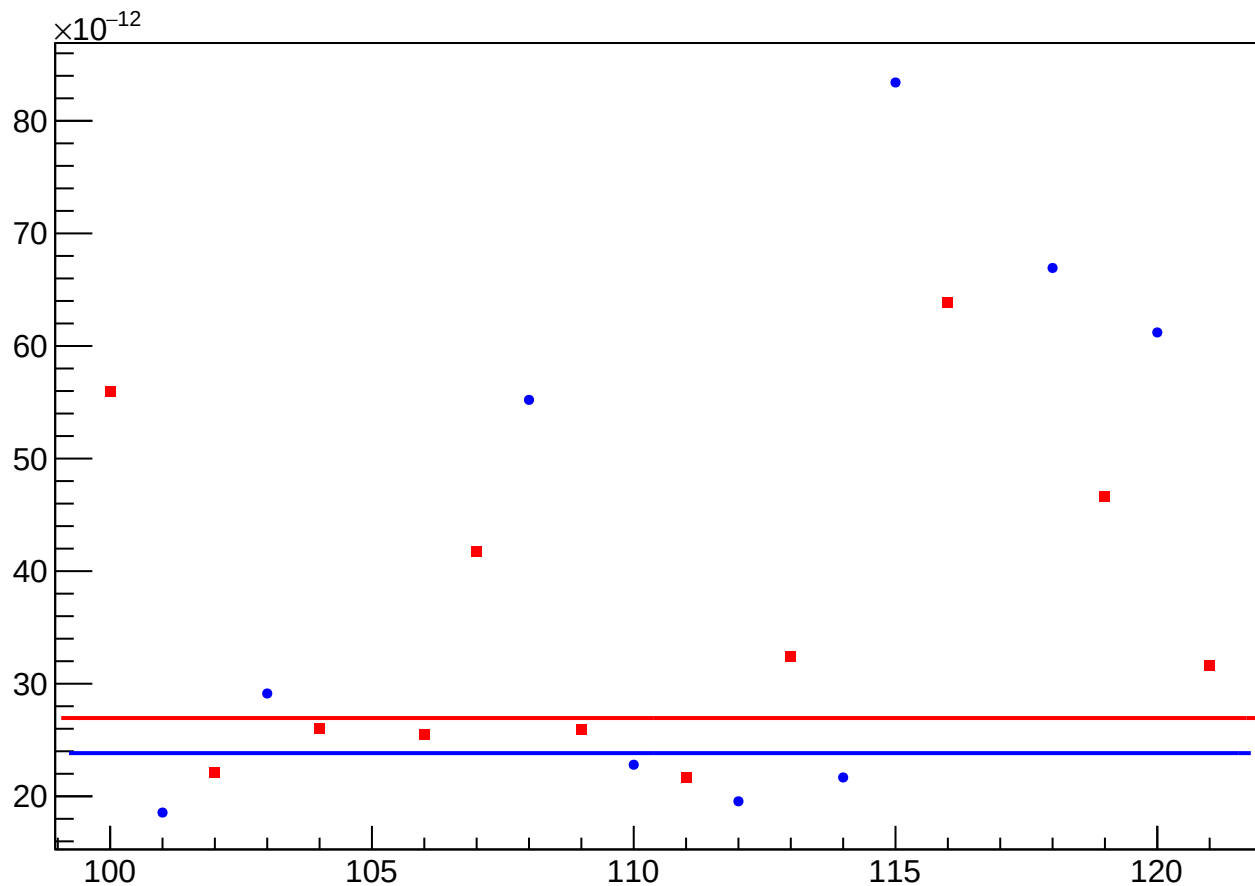
Right: 0.000+/-0.000 χ^2/NDF : 22.9/19

In: 0.000+/-0.000 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.9/19

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 629840.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 306785.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

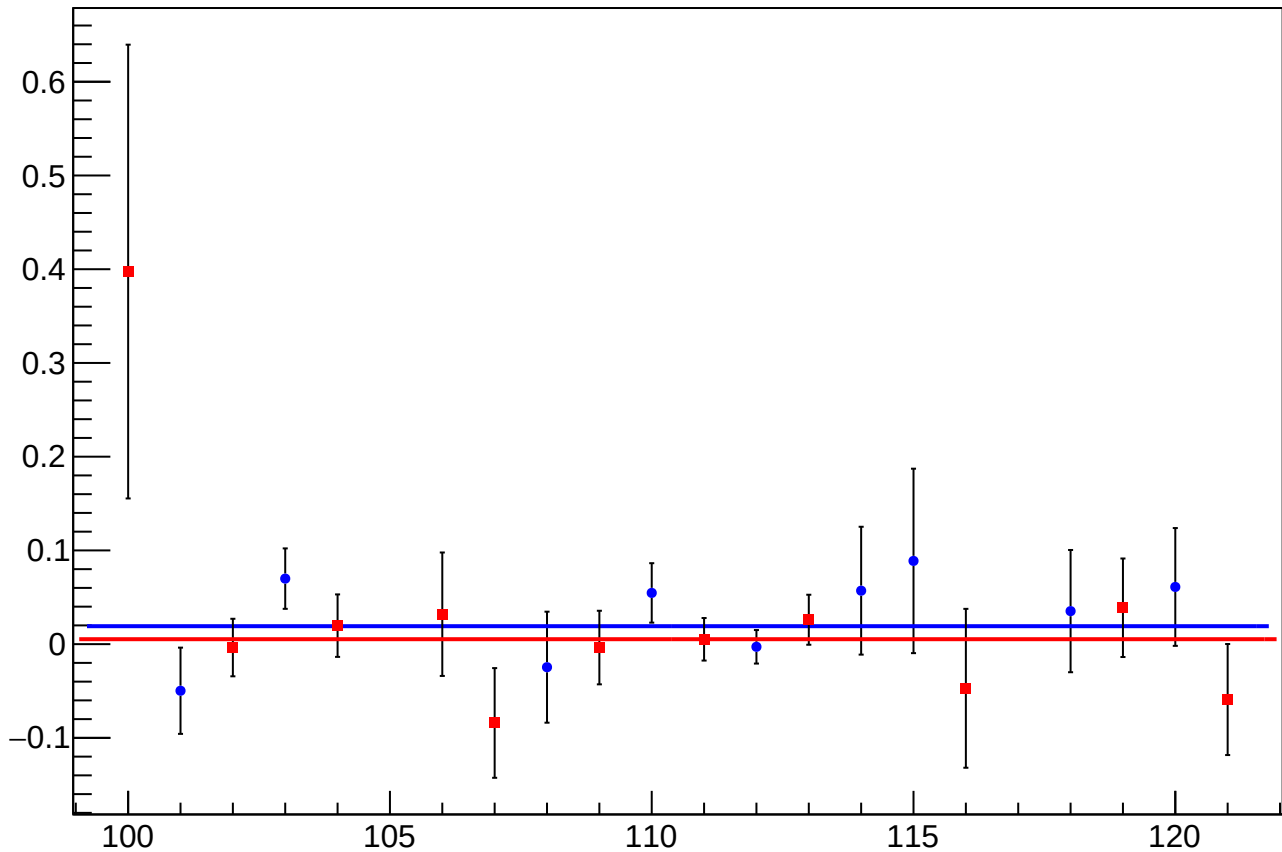
Right: 0.000+/-0.000 χ^2/NDF : 962758.7/19

In: 0.000+/-0.000 χ^2/NDF : 629840.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 962758.7/19

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.012 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.012 χ^2 /NDF: 8.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

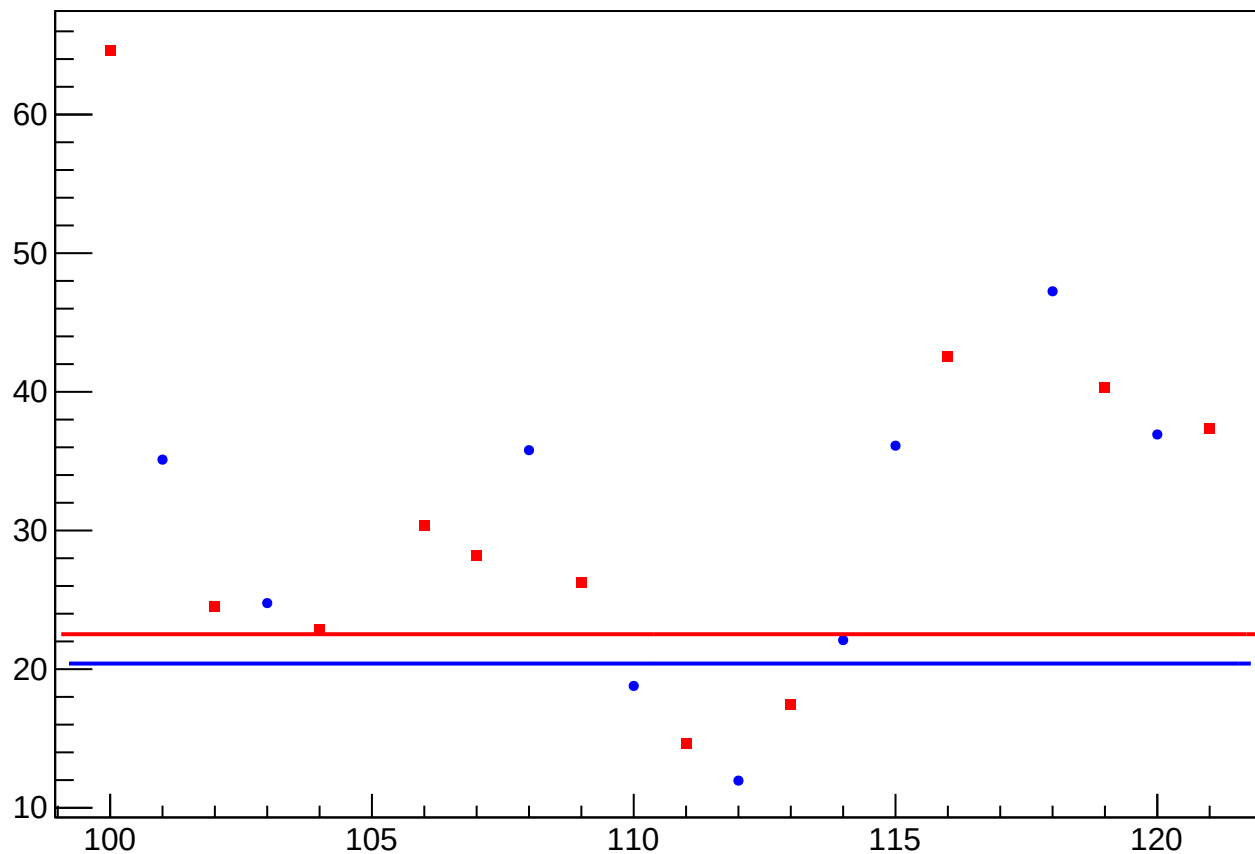
Right: 0.012 $\pm$ 0.008 χ^2 /NDF: 18.0/19

In: 0.019 $\pm$ 0.012 χ^2 /NDF: 9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.008 χ^2 /NDF: 18.0/19

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.521+/-0.008 χ^2/NDF : 915779.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

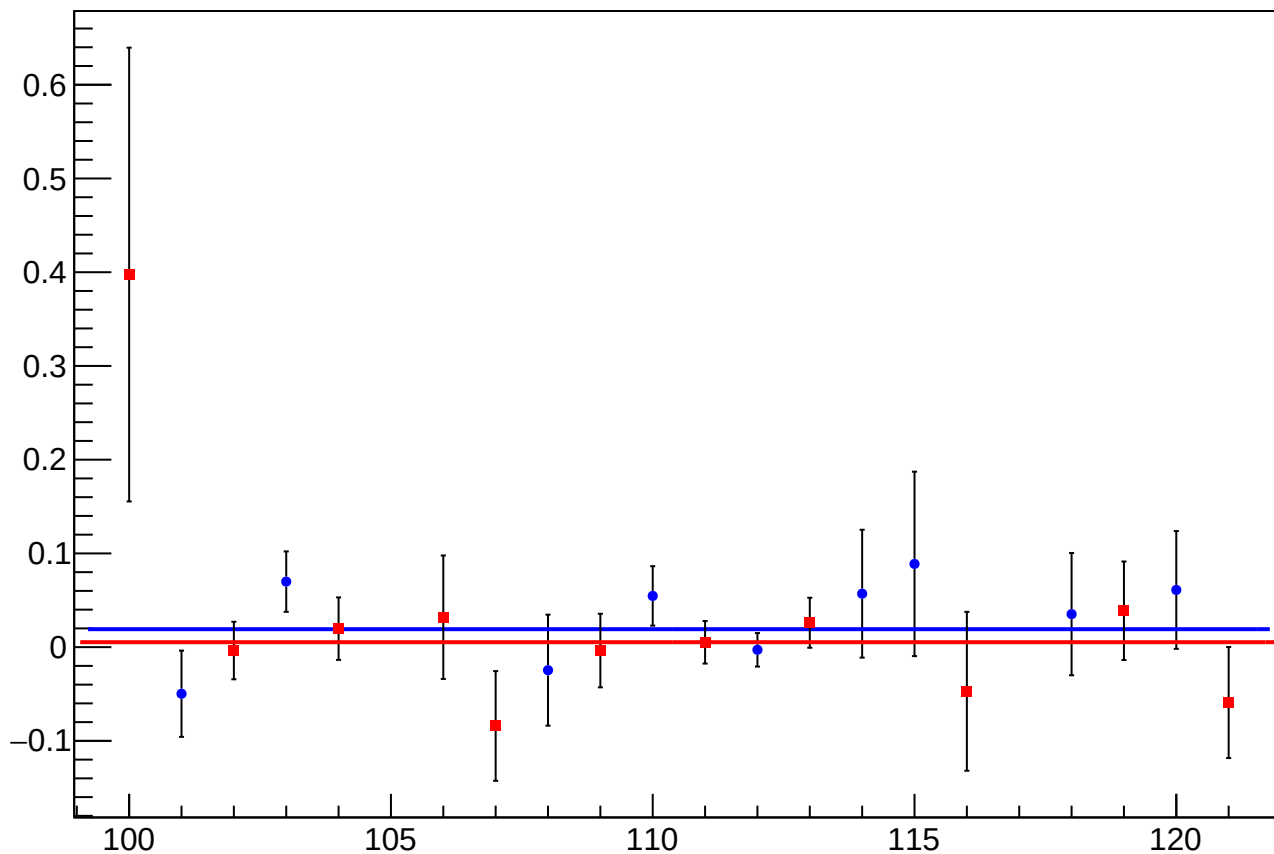
Right: 21.511+/-0.006 χ^2/NDF : 2303642.9/19

In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.511+/-0.006 χ^2/NDF : 2303642.9/19

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.012 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.012 χ^2 /NDF: 8.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

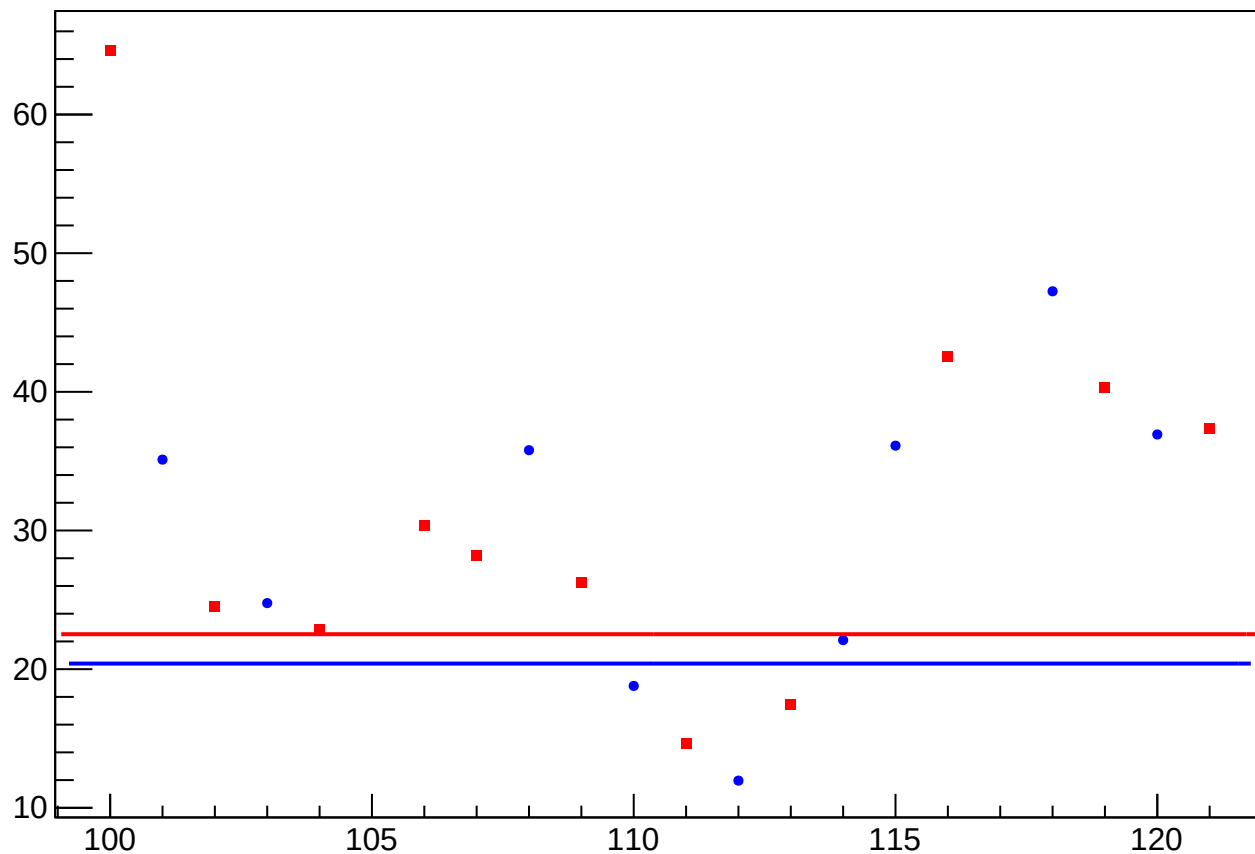
Right: 0.012 $\pm$ 0.008 χ^2 /NDF: 18.0/19

In: 0.019 $\pm$ 0.012 χ^2 /NDF: 9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.008 χ^2 /NDF: 18.0/19

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.521+/-0.008 χ^2/NDF : 915779.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

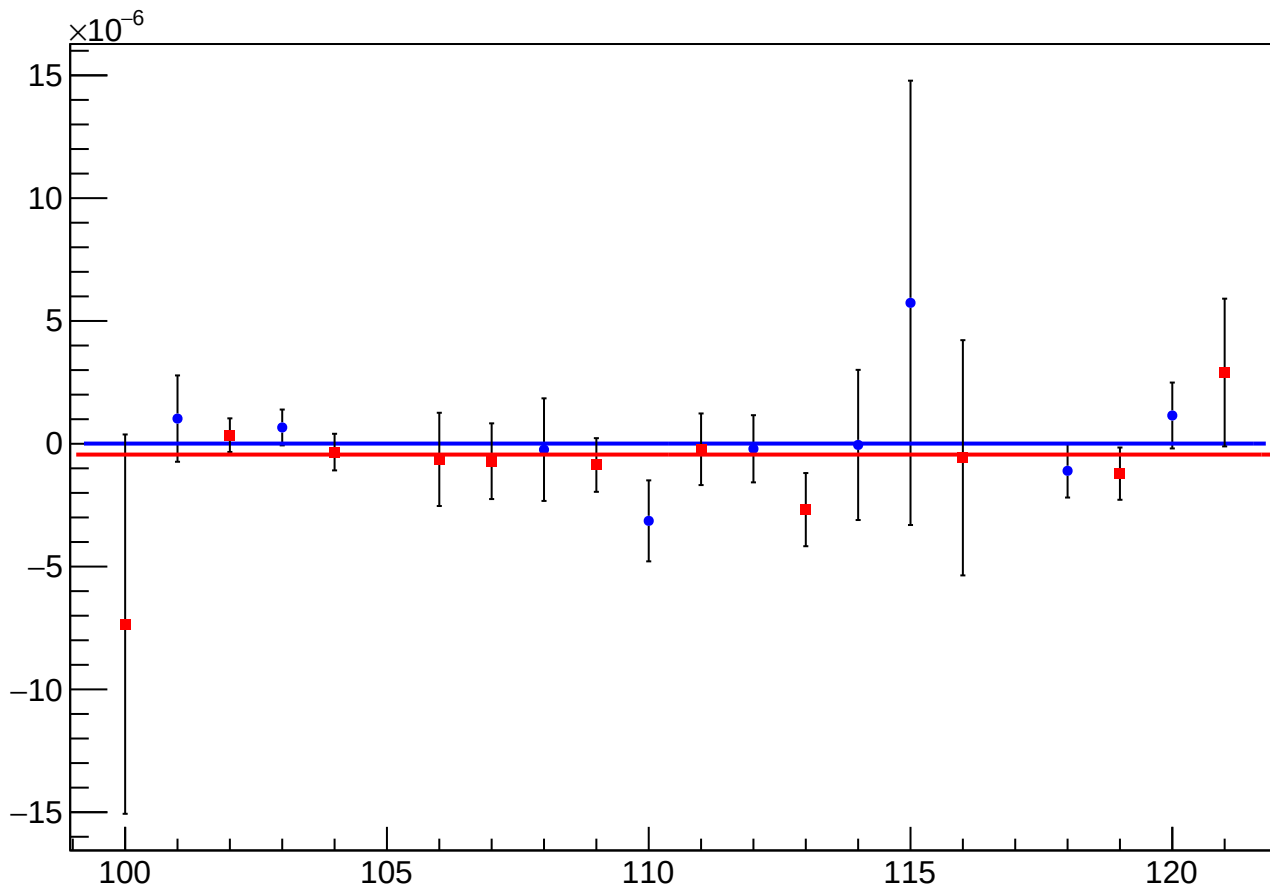
Right: 21.511+/-0.006 χ^2/NDF : 2303642.9/19

In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.511+/-0.006 χ^2/NDF : 2303642.9/19

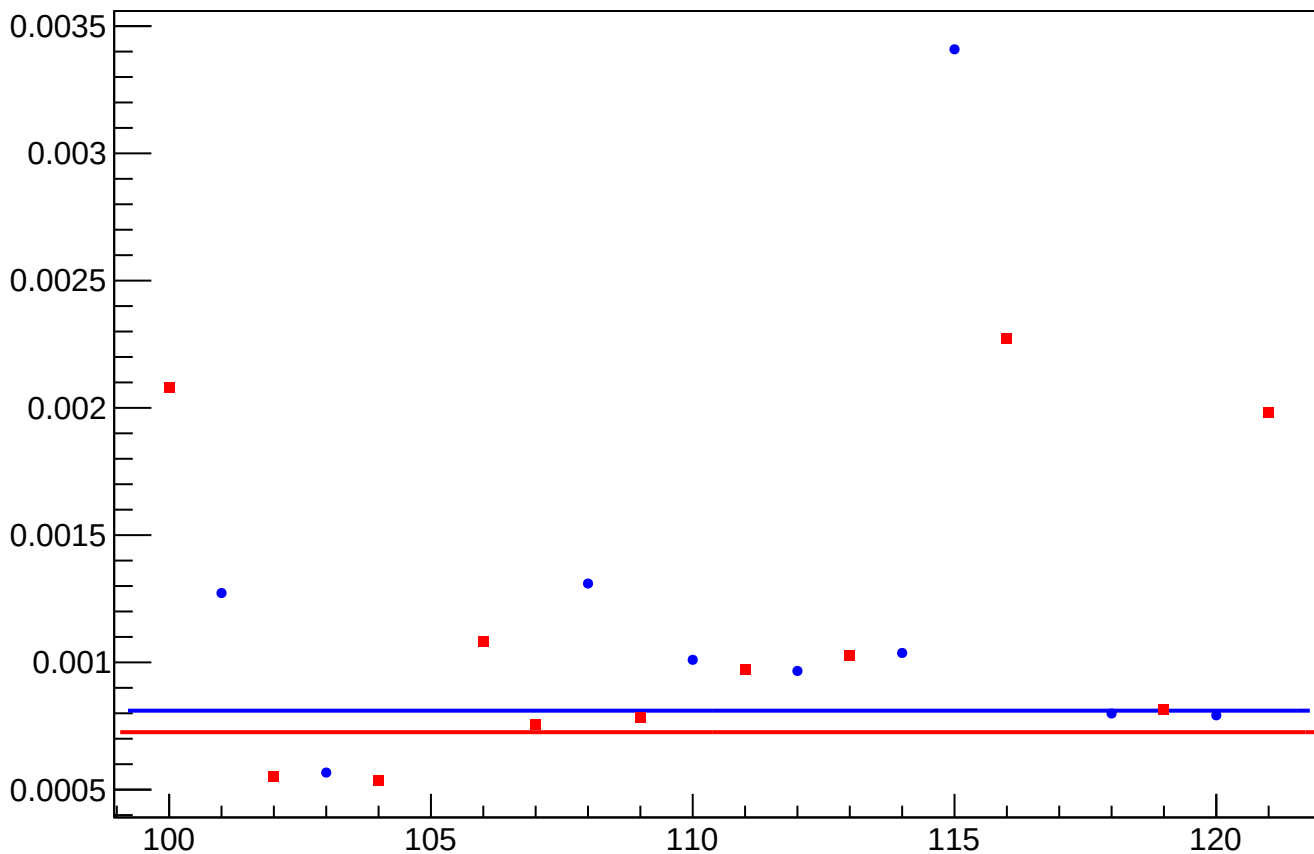
asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 14.0/19
 In: 0.000+/-0.000 χ^2/NDF : 7.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 14.0/19

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 707409.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1110678.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

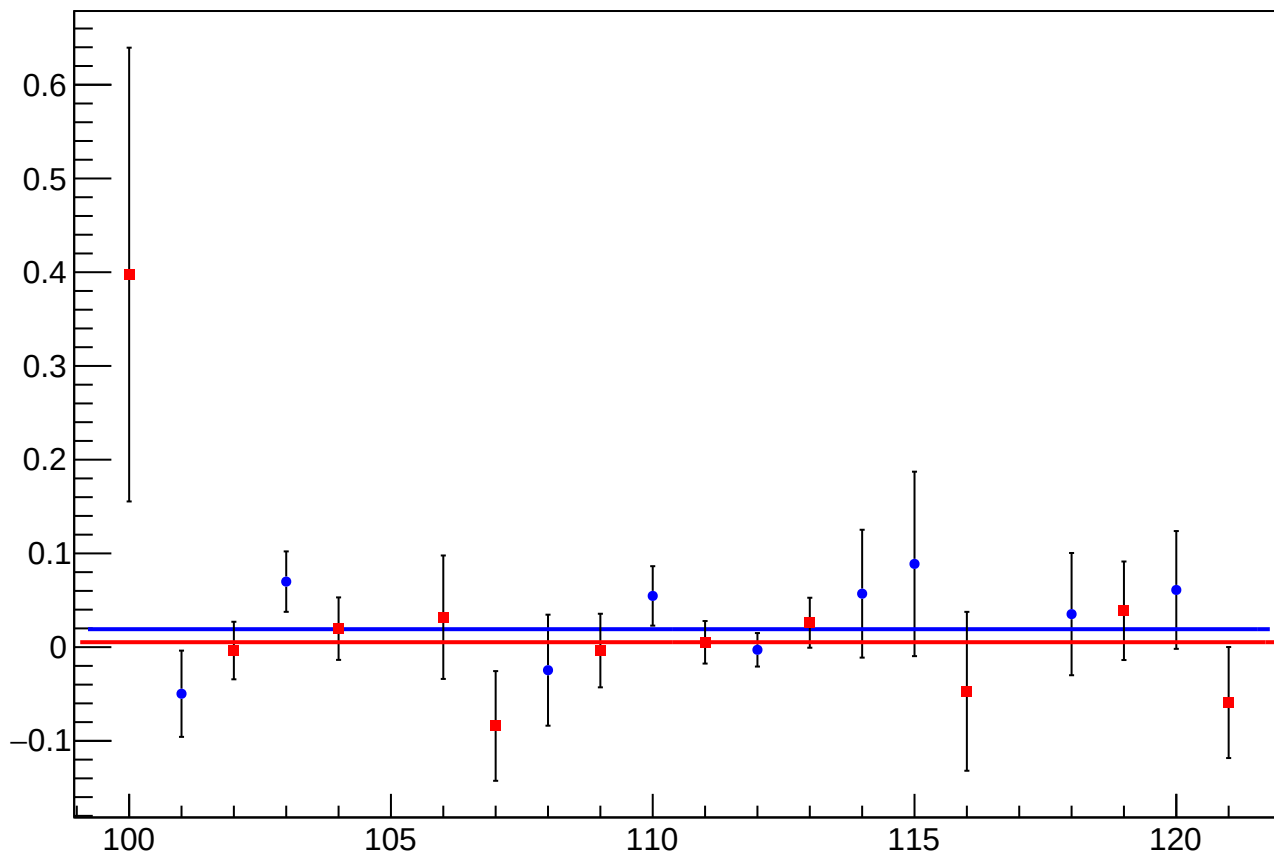
Right: 0.001+/-0.000 χ^2/NDF : 1860084.8/19

In: 0.001+/-0.000 χ^2/NDF : 707409.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1860084.8/19

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.012 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

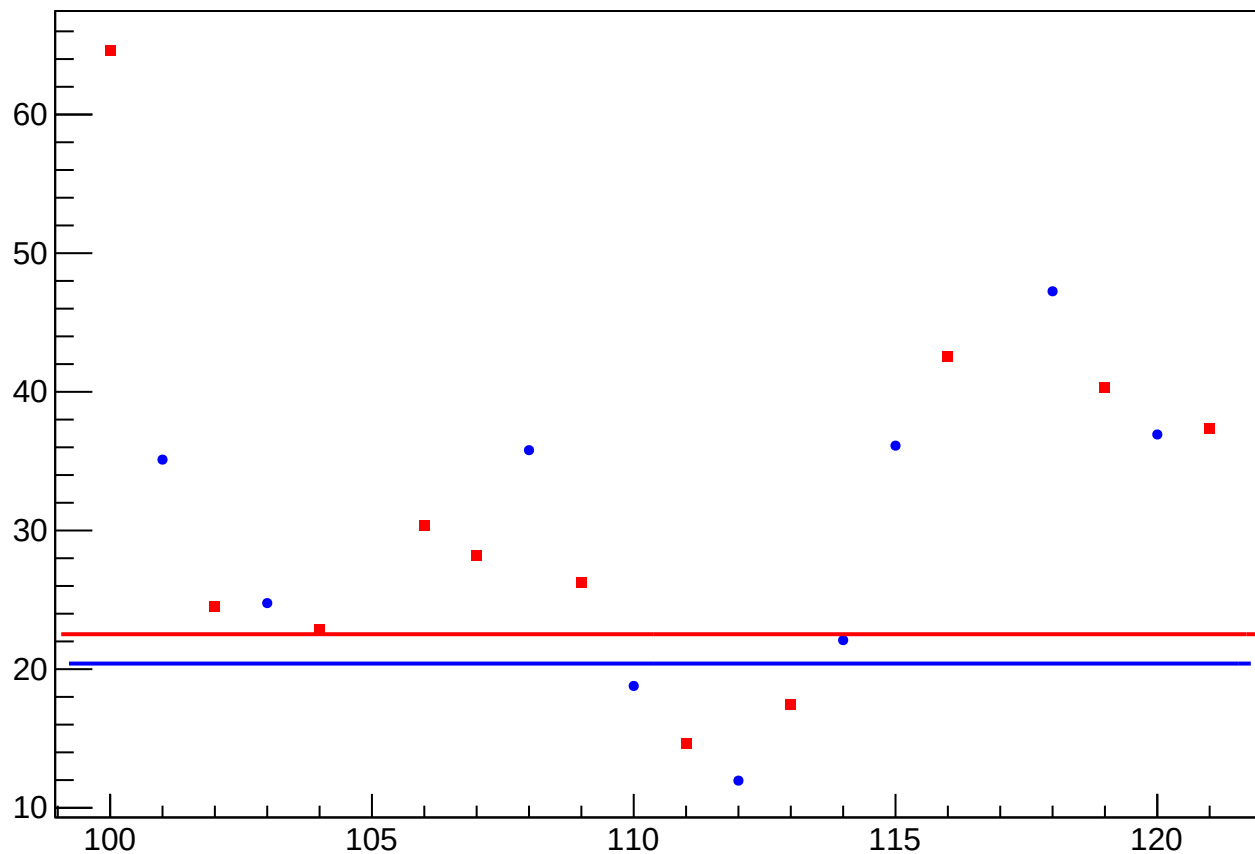
Right: 0.012+/-0.008 χ^2/NDF : 18.0/19

In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.008 χ^2/NDF : 18.0/19

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.521+/-0.008 χ^2/NDF : 915868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

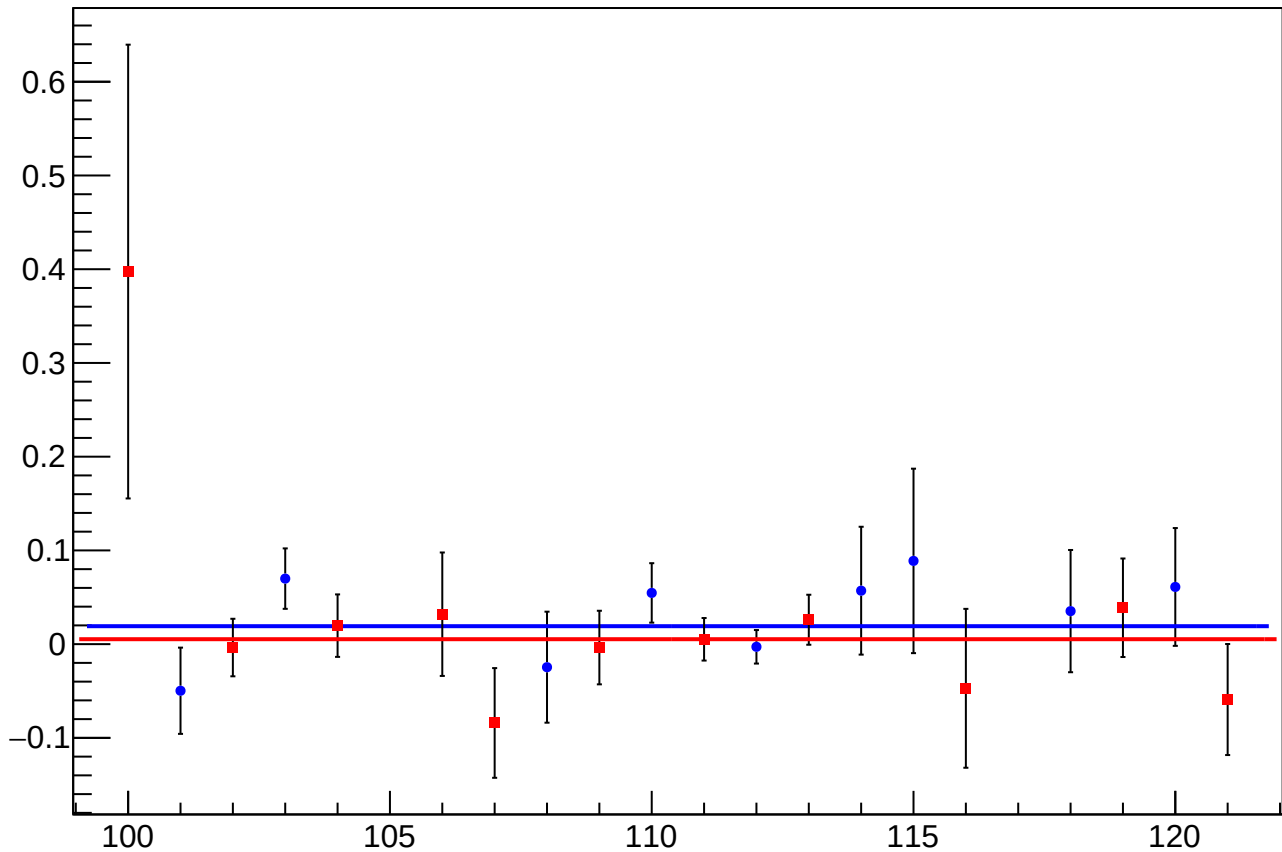
Right: 21.510+/-0.006 χ^2/NDF : 2303841.1/19

In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.510+/-0.006 χ^2/NDF : 2303841.1/19

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.012 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

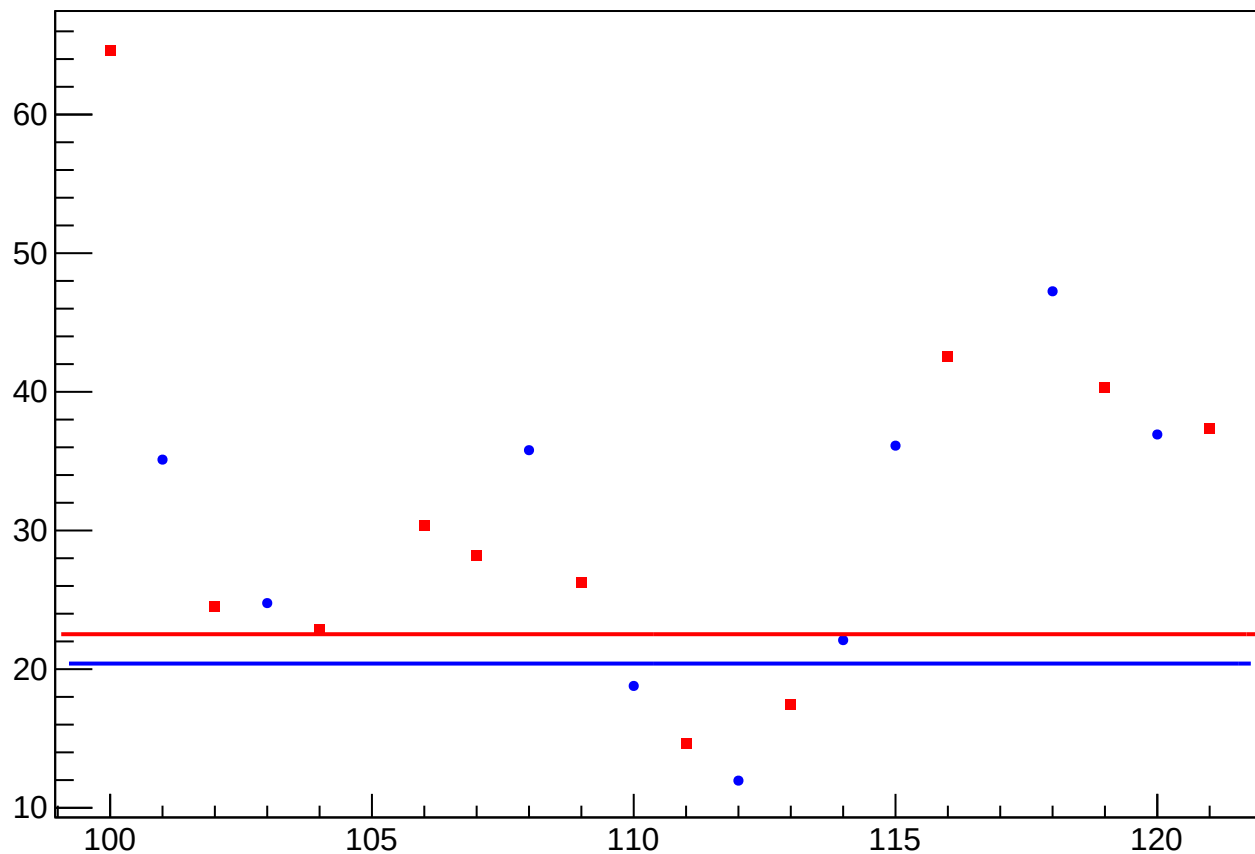
Right: 0.012+/-0.008 χ^2/NDF : 18.0/19

In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.008 χ^2/NDF : 18.0/19

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.521+/-0.008 χ^2/NDF : 915868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

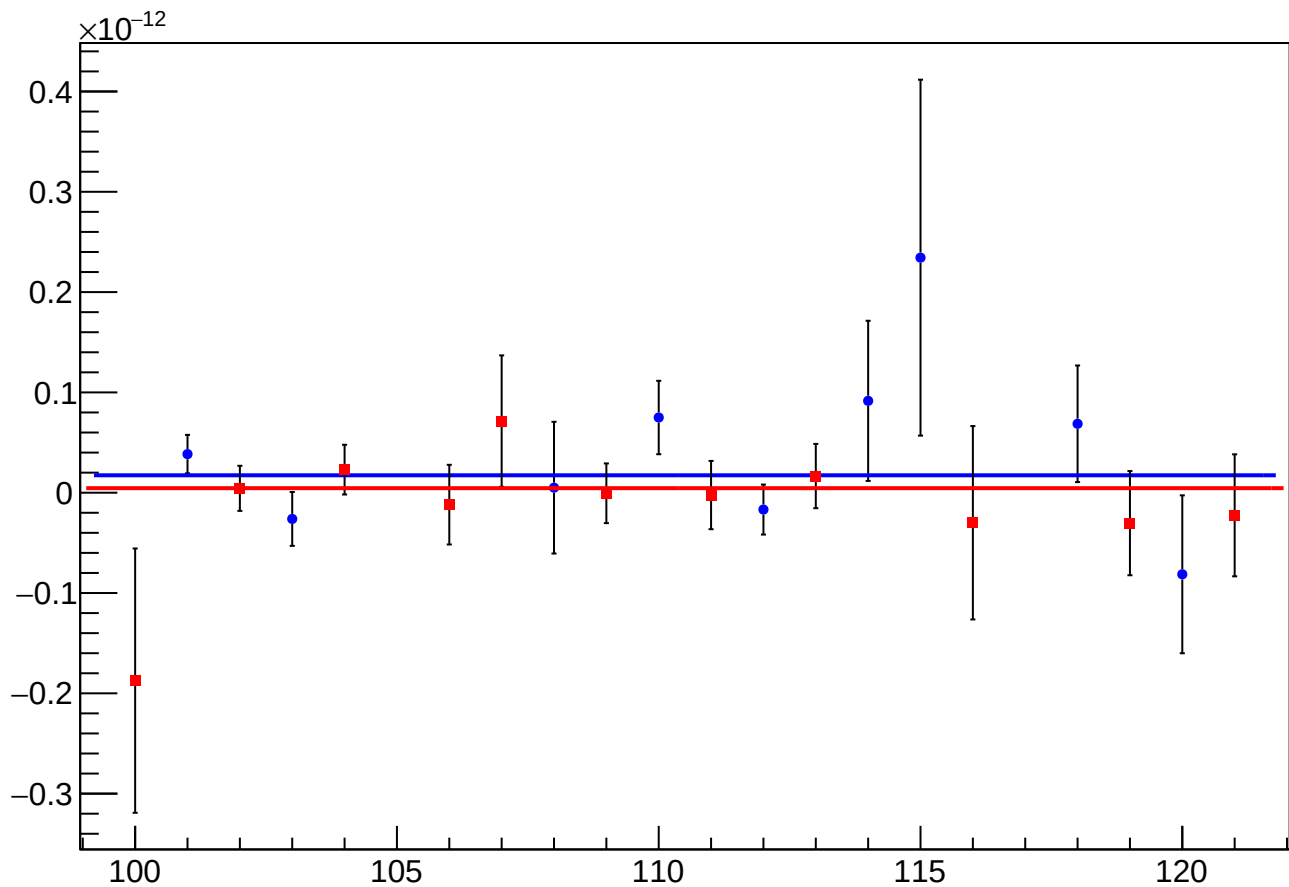
Right: 21.510+/-0.006 χ^2/NDF : 2303841.1/19

In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.510+/-0.006 χ^2/NDF : 2303841.1/19

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

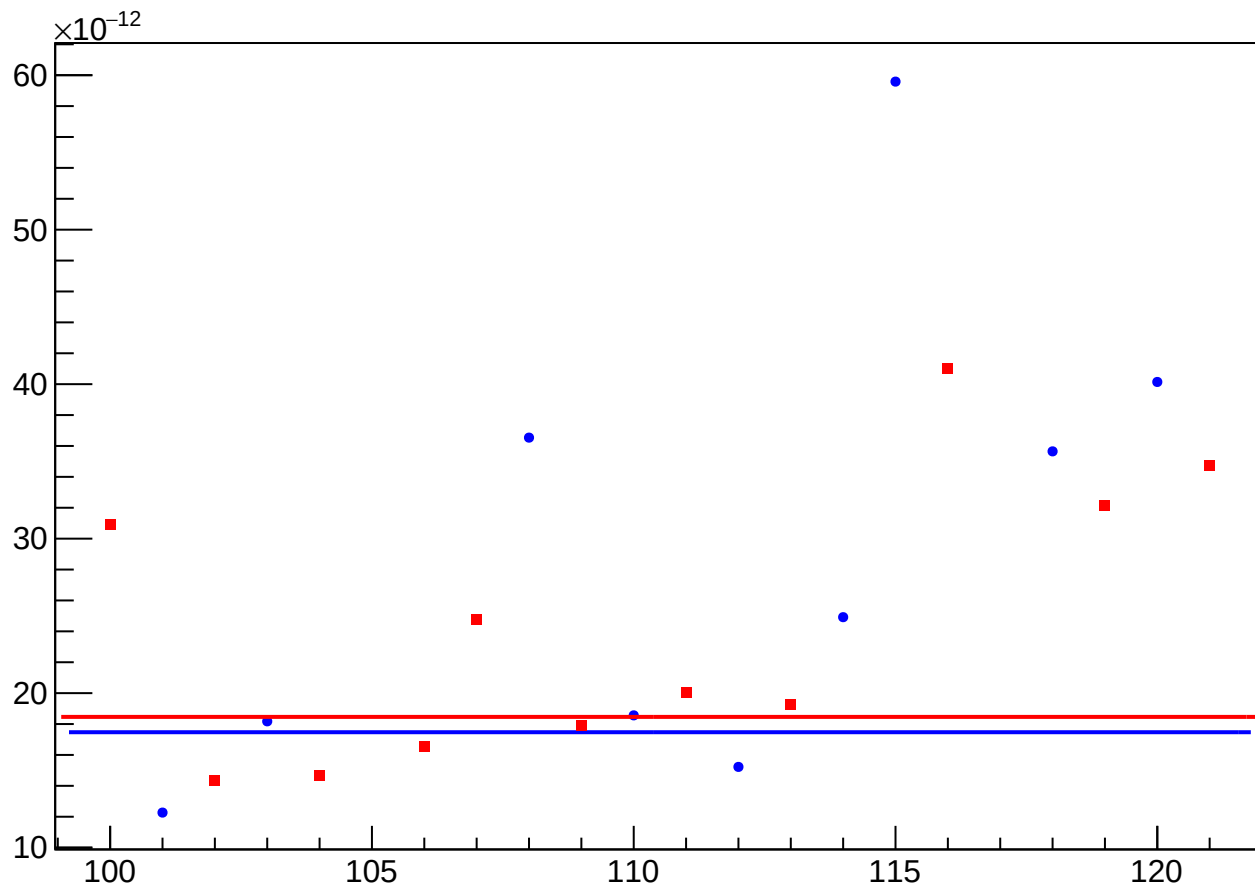
Right: 0.000+/-0.000 χ^2/NDF : 18.5/19

In: 0.000+/-0.000 χ^2/NDF : 12.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.5/19

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 826891.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 555021.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

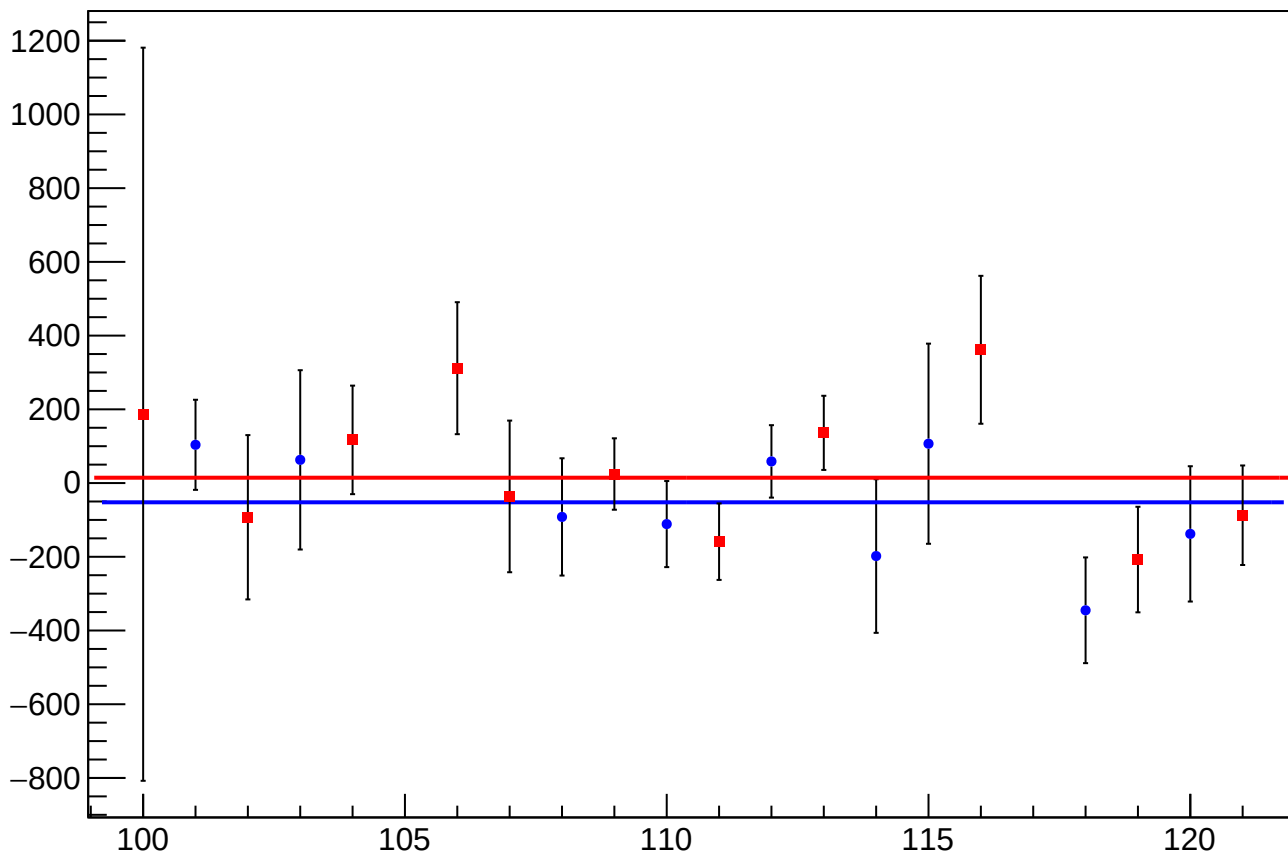
Right: 0.000+/-0.000 χ^2/NDF : 1389557.3/19

In: 0.000+/-0.000 χ^2/NDF : 826891.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1389557.3/19

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -52.211+/-49.076 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.505+/-42.681 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

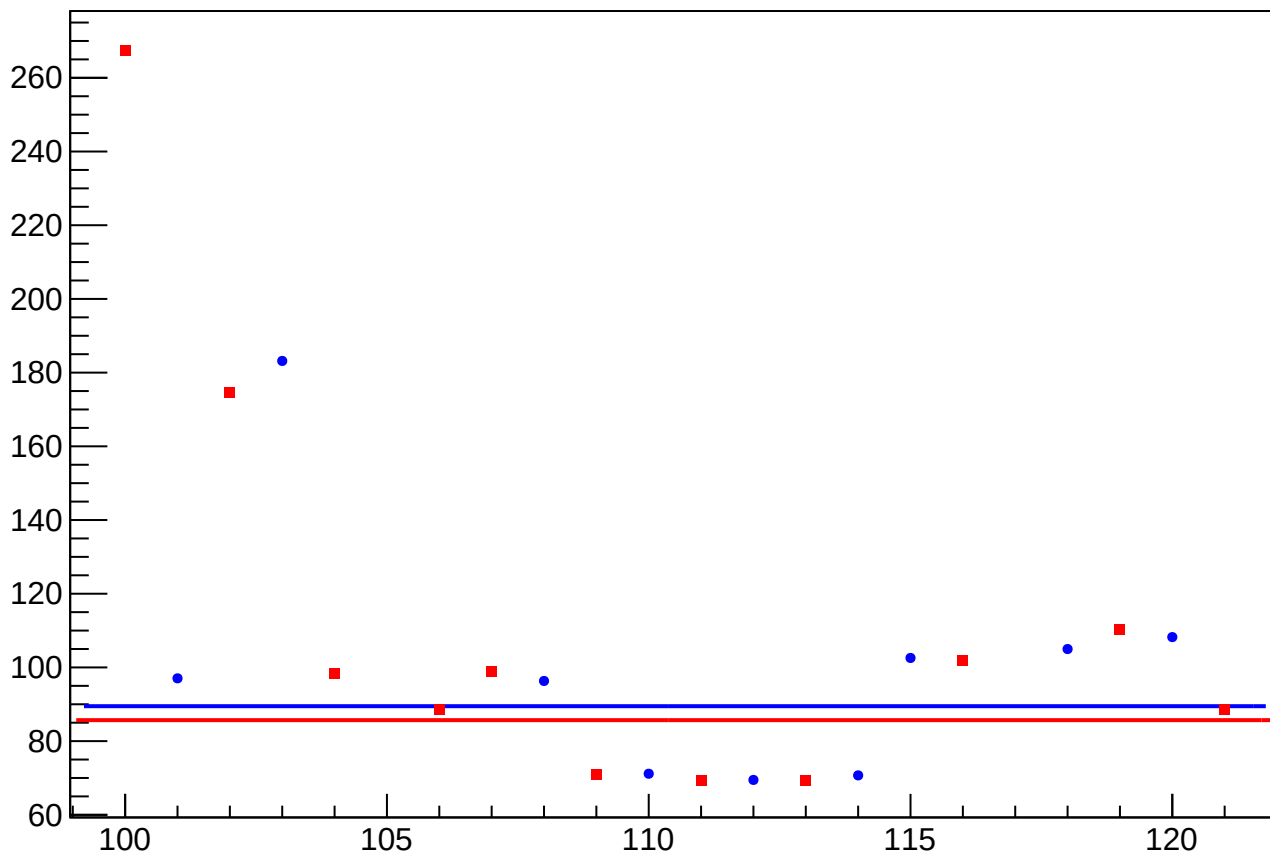
Right: -14.226+/-32.205 χ^2/NDF : 23.5/19

In: -52.211+/-49.076 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.226+/-32.205 χ^2/NDF : 23.5/19

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.478+/-0.035 χ^2/NDF : 505481.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.694+/-0.030 χ^2/NDF : 631433.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

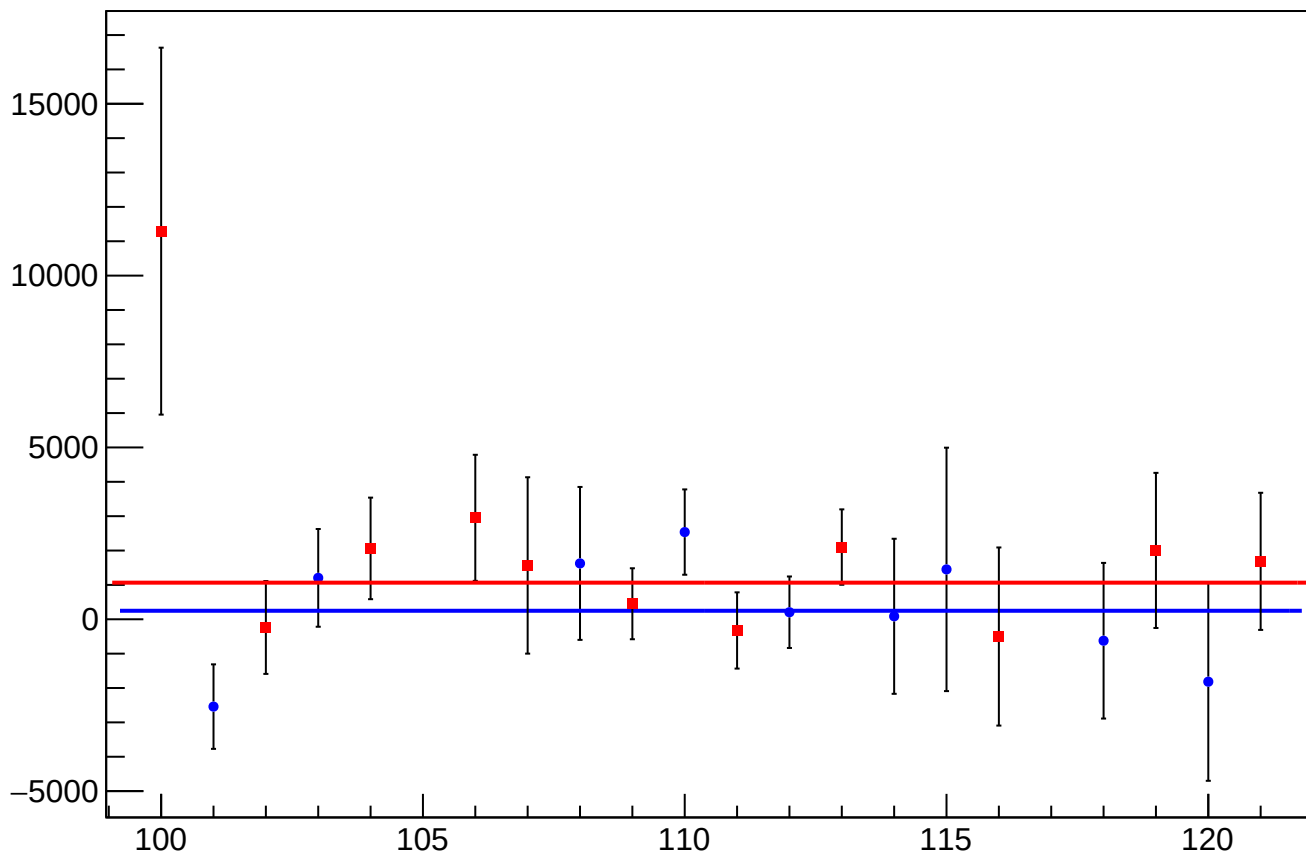
Right: 87.323+/-0.023 χ^2/NDF : 1143686.4/19

In: 89.478+/-0.035 χ^2/NDF : 505481.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.323+/-0.023 χ^2/NDF : 1143686.4/19

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 247.451+/-532.838 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1065.364+/-462.838 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

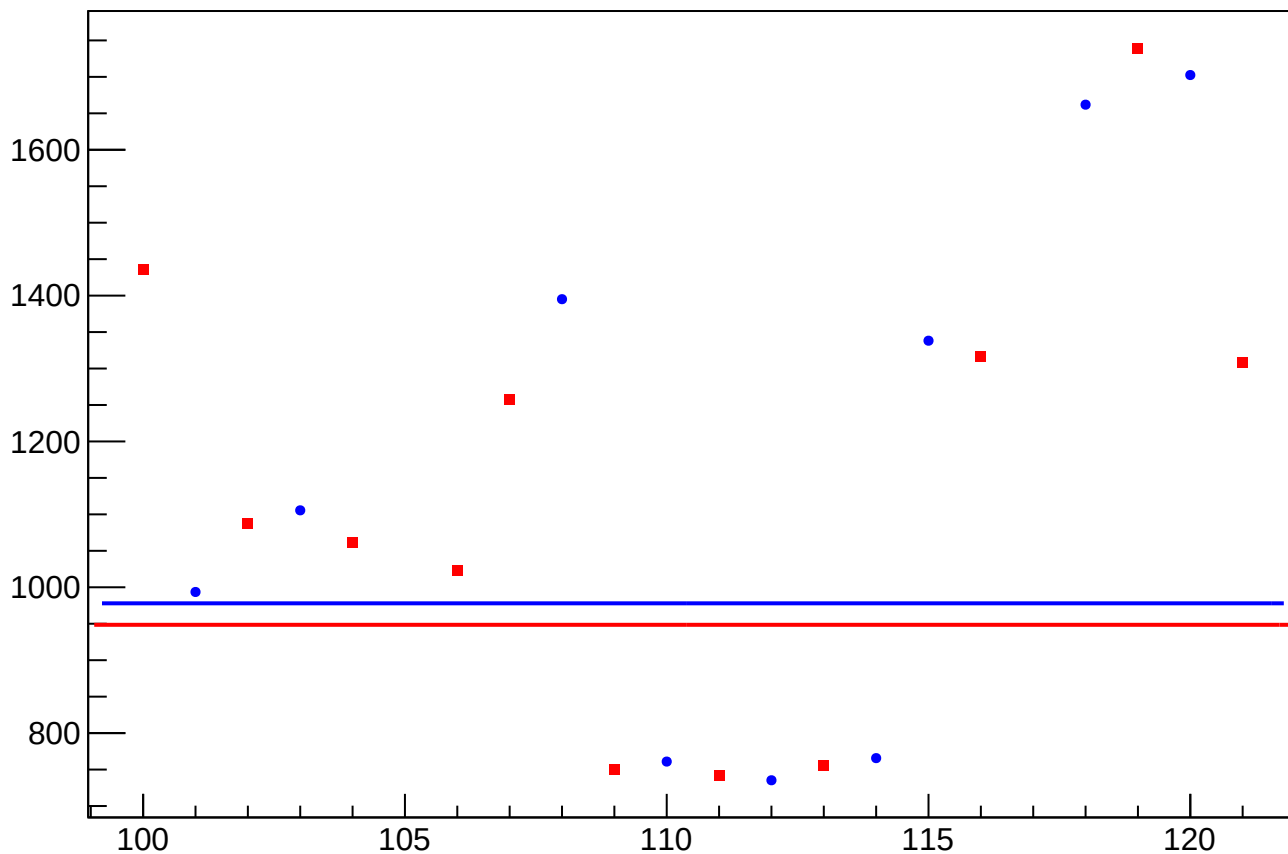
Right: 713.627+/-349.422 χ^2/NDF : 21.1/19

In: 247.451+/-532.838 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.627+/-349.422 χ^2/NDF : 21.1/19

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 977.990+/-0.377 χ^2/NDF : 603719.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.525+/-0.327 χ^2/NDF : 637850.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

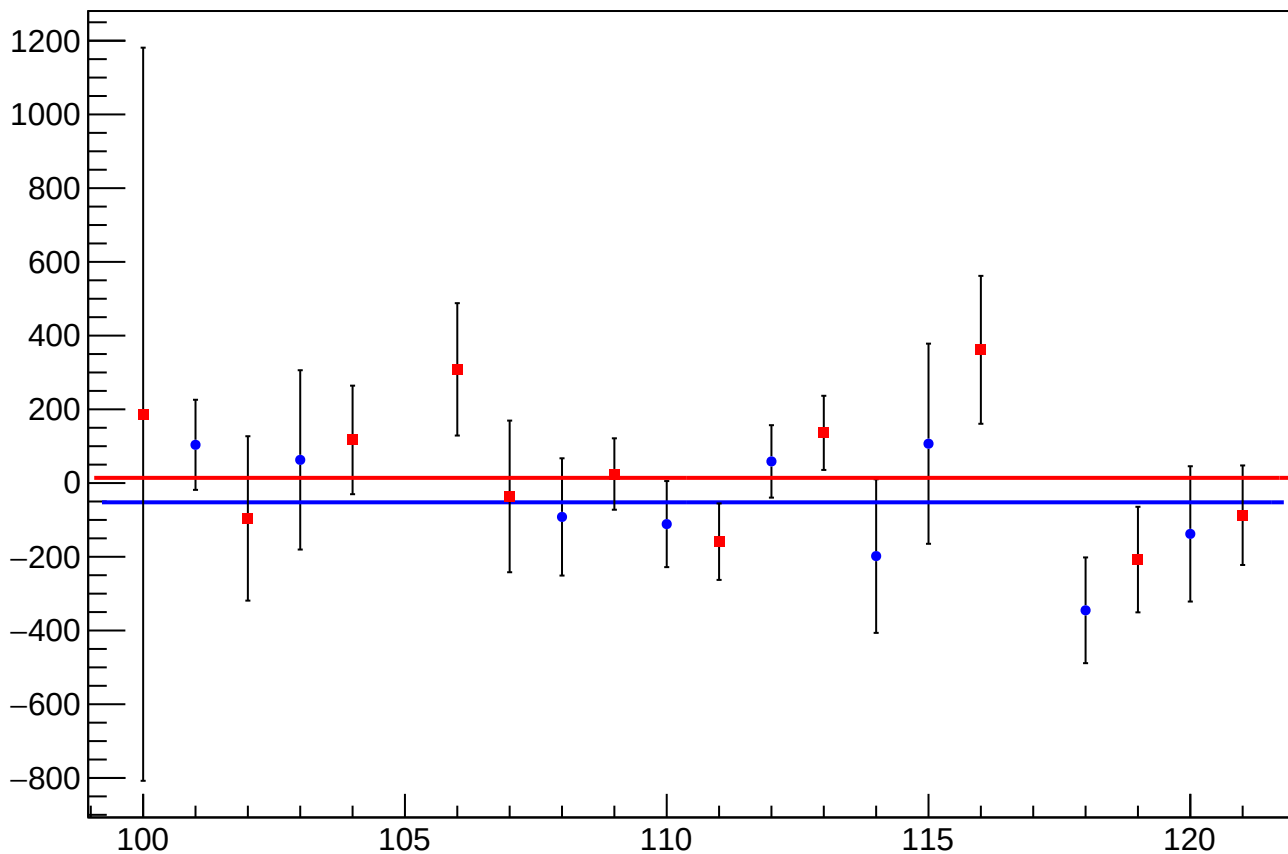
Right: 961.196+/-0.247 χ^2/NDF : 1245055.3/19

In: 977.990+/-0.377 χ^2/NDF : 603719.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.196+/-0.247 χ^2/NDF : 1245055.3/19

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.106+/-42.689 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

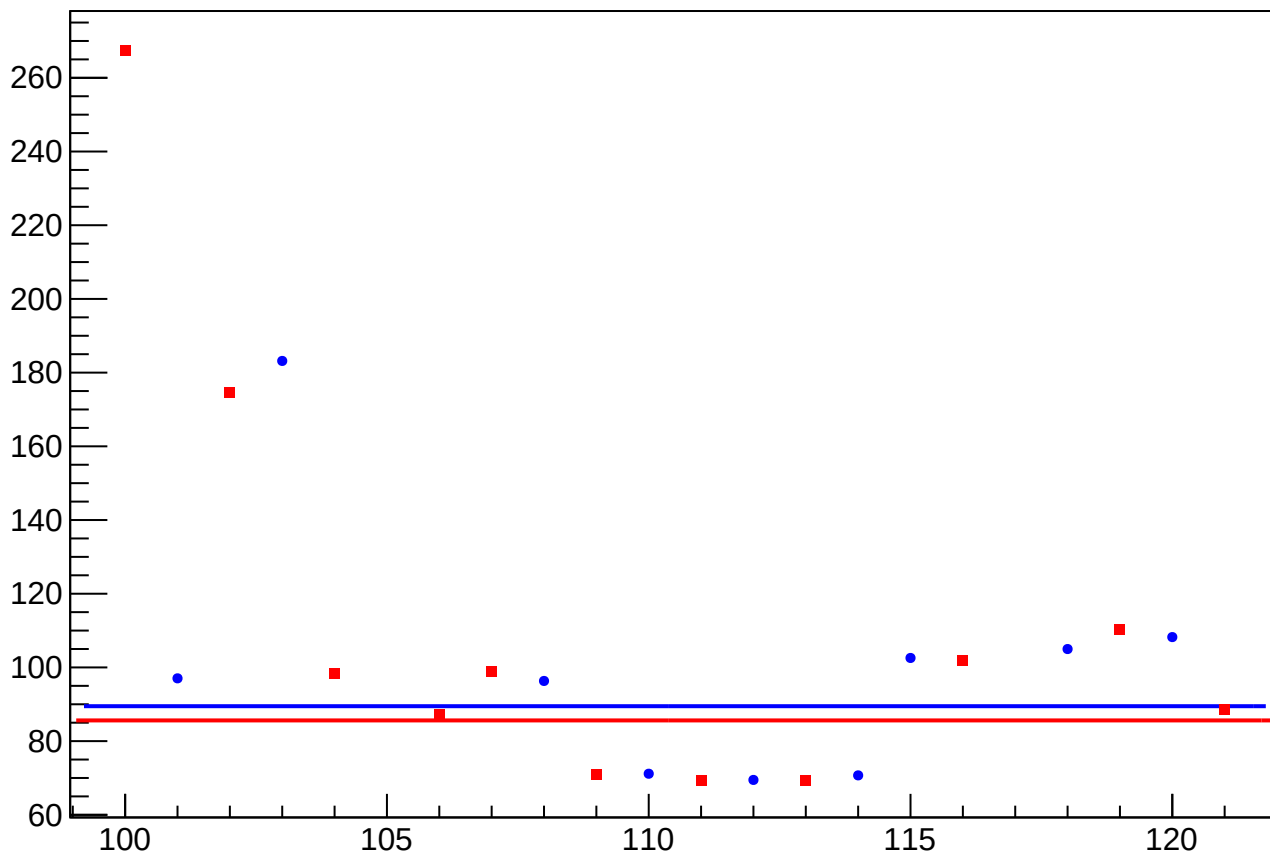
Right: -14.470+/-32.209 χ^2/NDF : 23.4/19

In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.470+/-32.209 χ^2/NDF : 23.4/19

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.618+/-0.030 χ^2/NDF : 631295.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

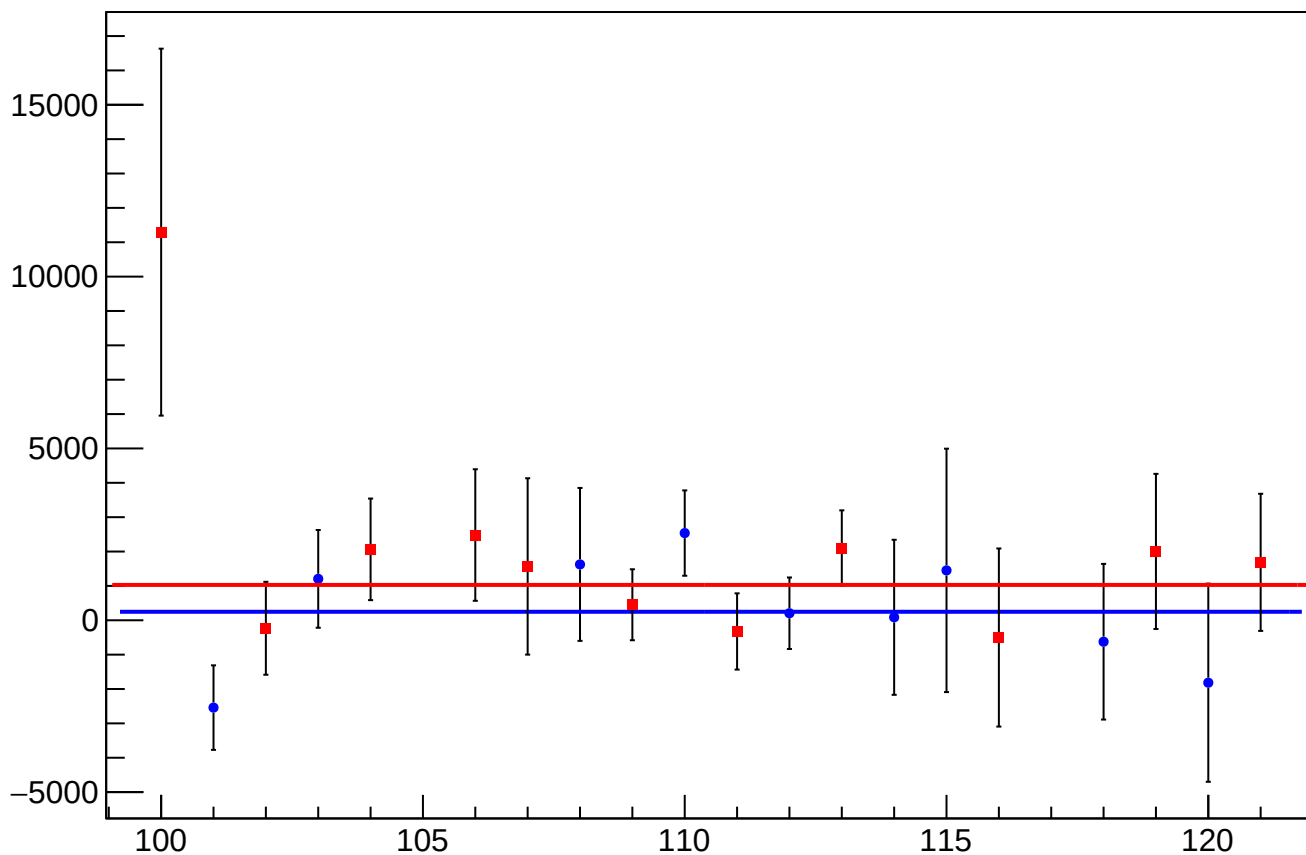
Right: 87.281+/-0.023 χ^2/NDF : 1143822.0/19

In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.281+/-0.023 χ^2/NDF : 1143822.0/19

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1028.795+/-464.084 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

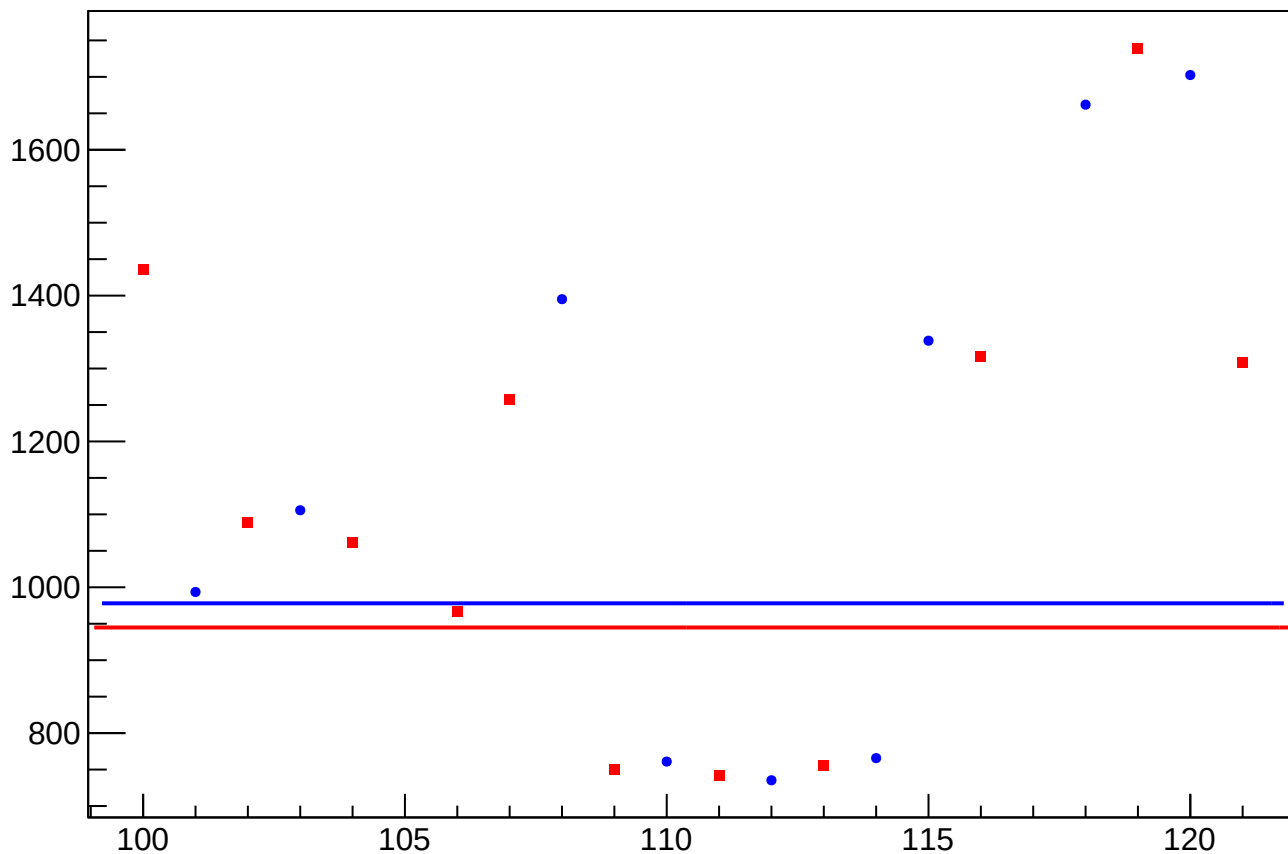
Right: 691.748+/-349.960 χ^2/NDF : 20.5/19

In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.748+/-349.960 χ^2/NDF : 20.5/19

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.854+/-0.328 χ^2/NDF : 634741.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

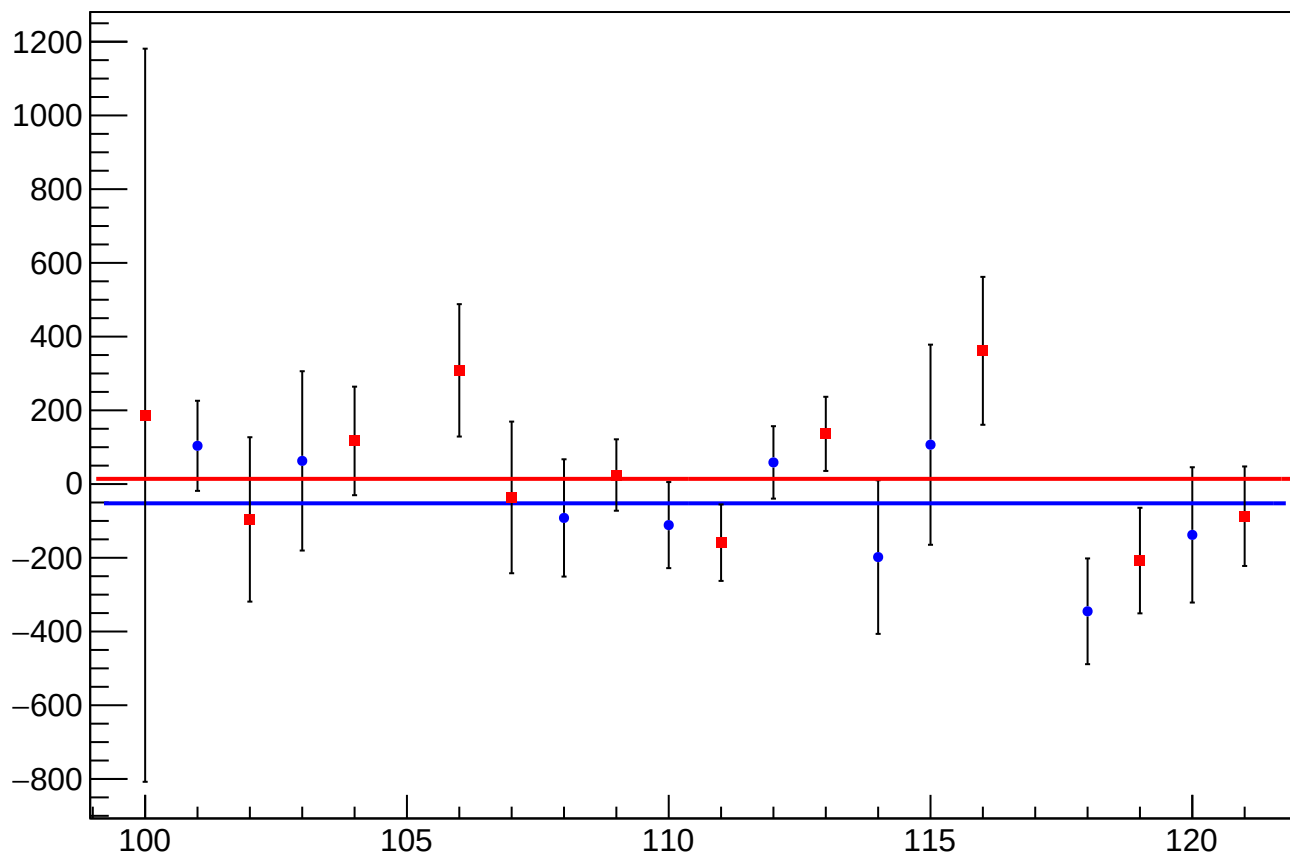
Right: 959.152+/-0.247 χ^2/NDF : 1242886.1/19

In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.152+/-0.247 χ^2/NDF : 1242886.1/19

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.106+/-42.689 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

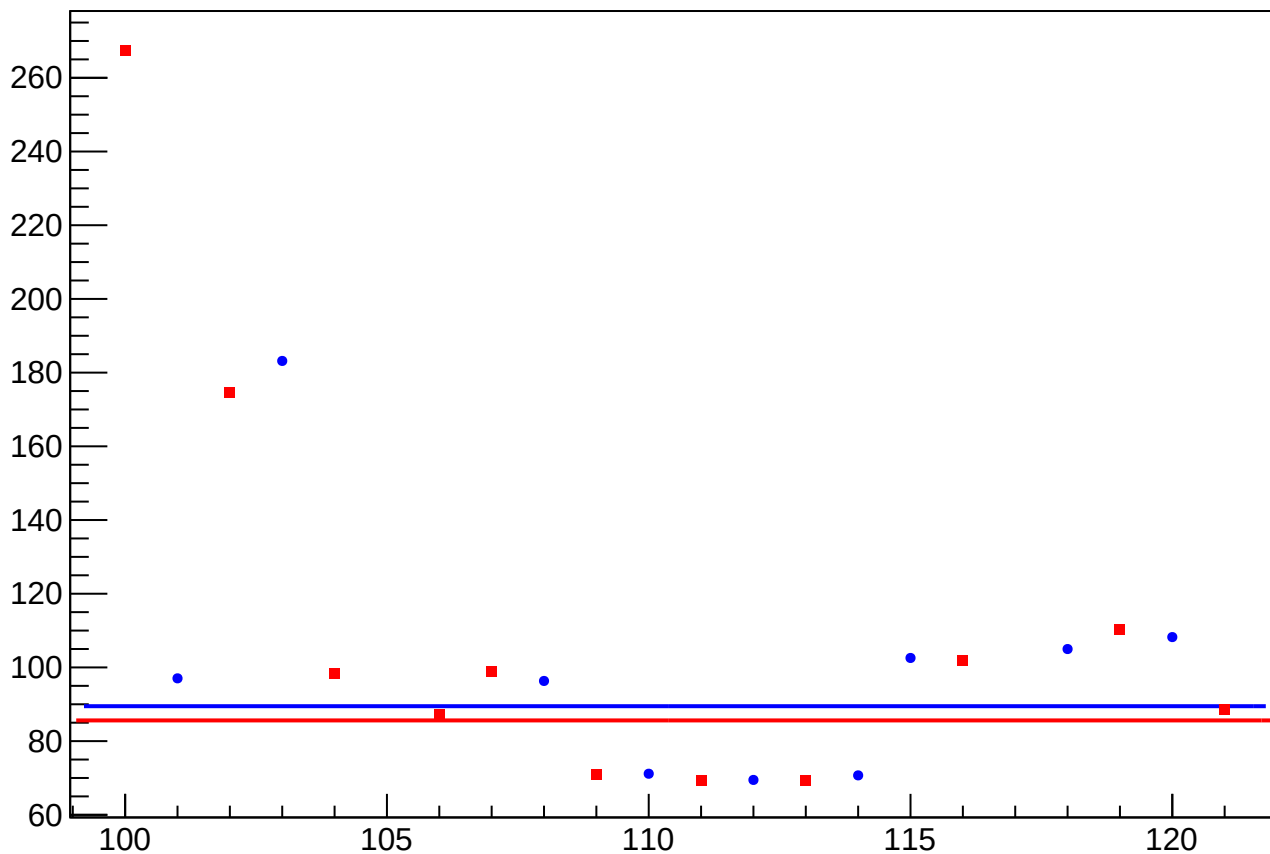
Right: -14.470+/-32.209 χ^2/NDF : 23.4/19

In: -52.236+/-49.076 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.470+/-32.209 χ^2/NDF : 23.4/19

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.618+/-0.030 χ^2/NDF : 631295.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

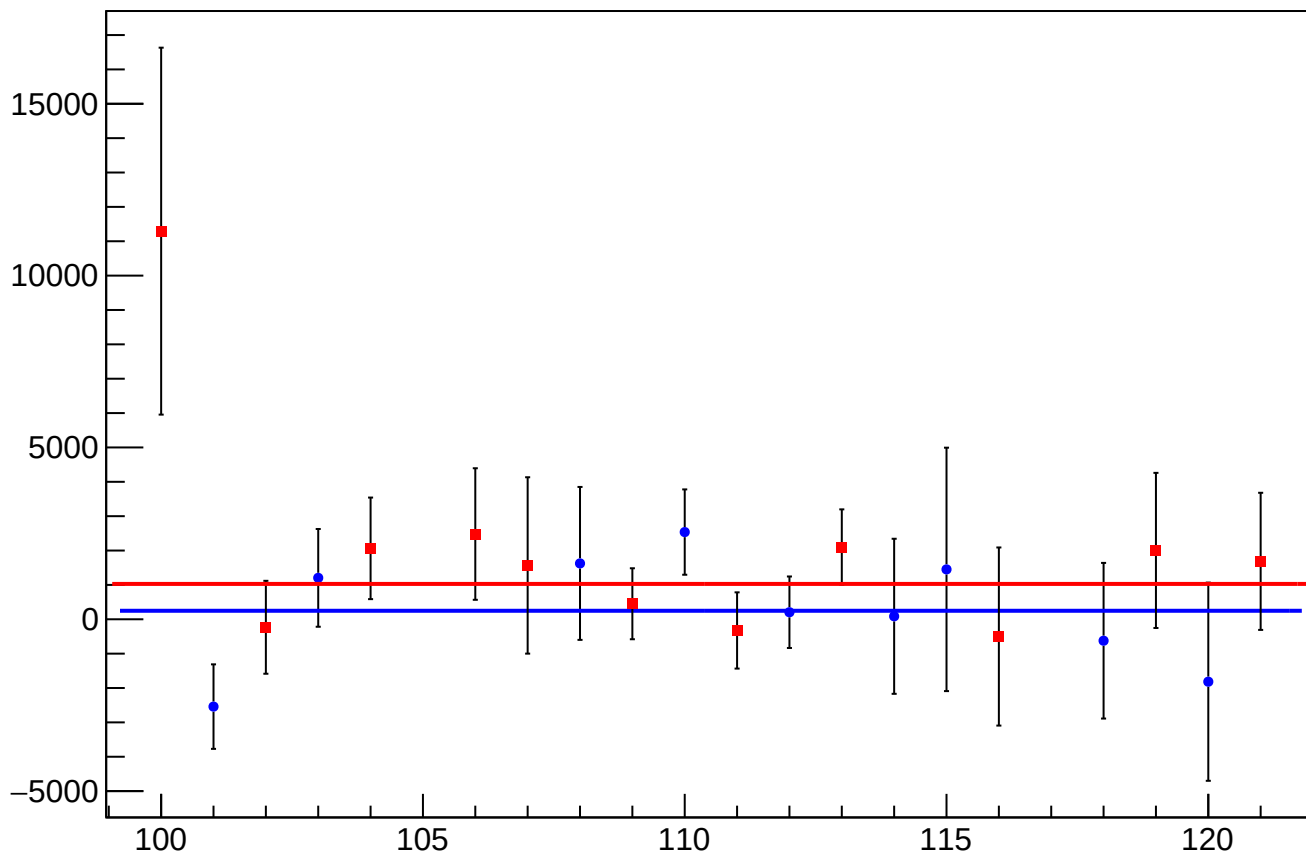
Right: 87.281+/-0.023 χ^2/NDF : 1143822.0/19

In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.281+/-0.023 χ^2/NDF : 1143822.0/19

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1028.795+/-464.084 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

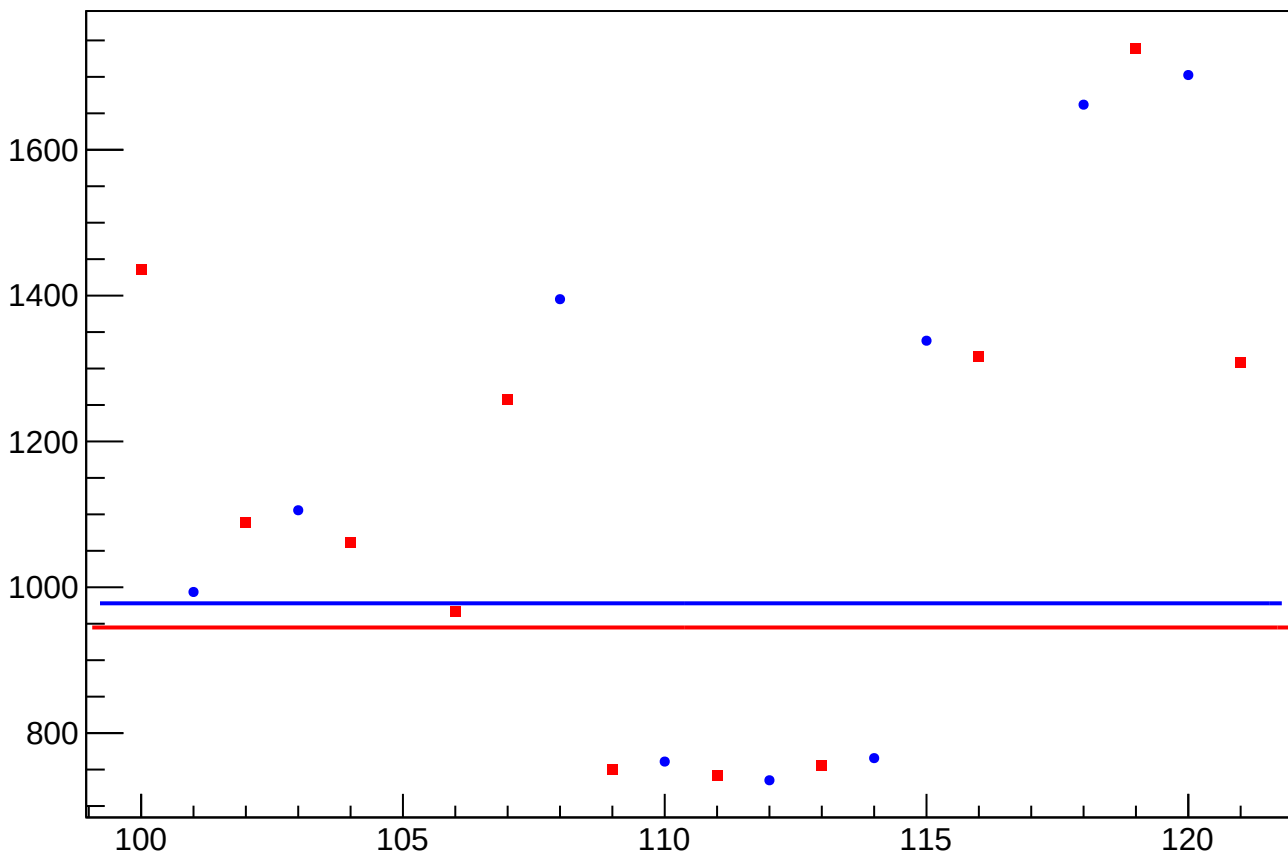
Right: 691.748+/-349.960 χ^2/NDF : 20.5/19

In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.748+/-349.960 χ^2/NDF : 20.5/19

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.854+/-0.328 χ^2/NDF : 634741.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

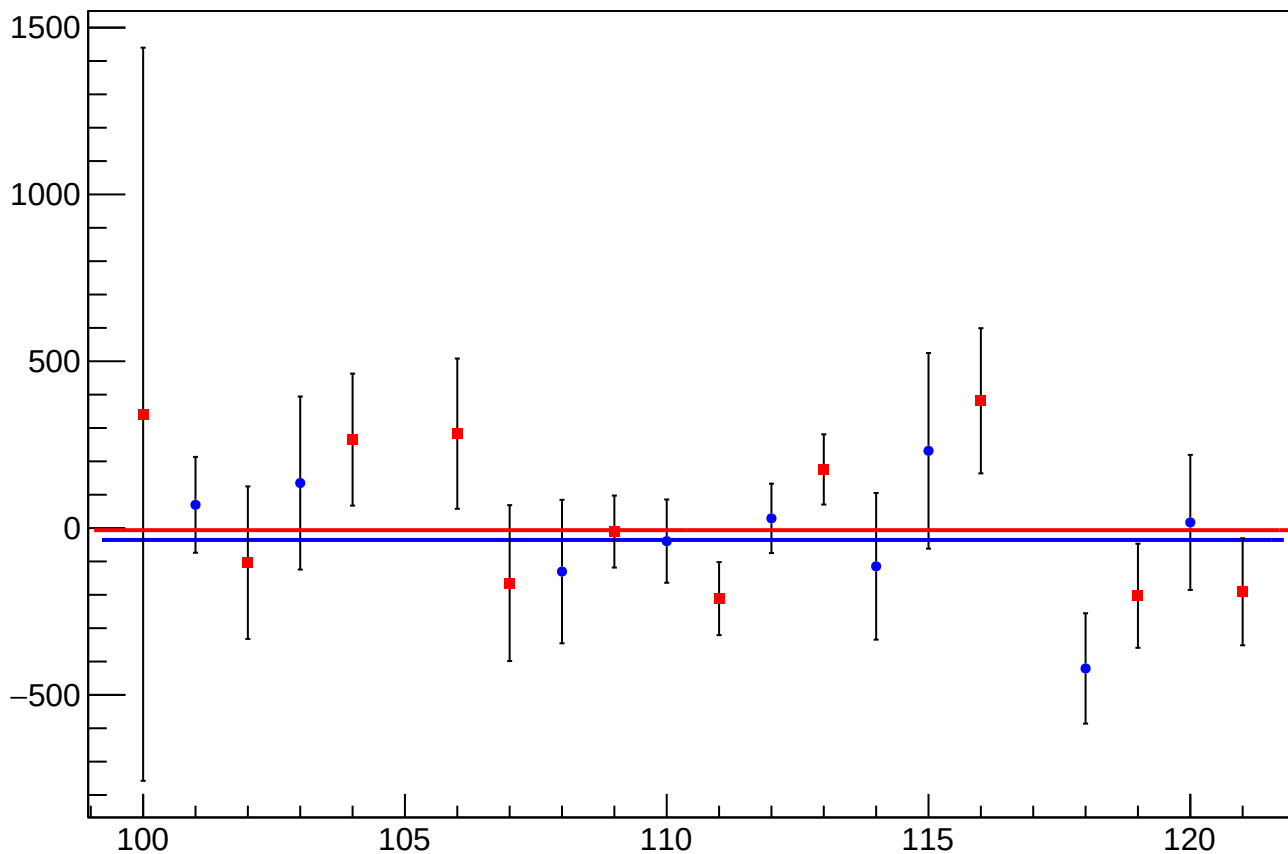
Right: 959.152+/-0.247 χ^2/NDF : 1242886.1/19

In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.152+/-0.247 χ^2/NDF : 1242886.1/19

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -35.526+/-54.645 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.245+/-47.443 χ^2/NDF : 16.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

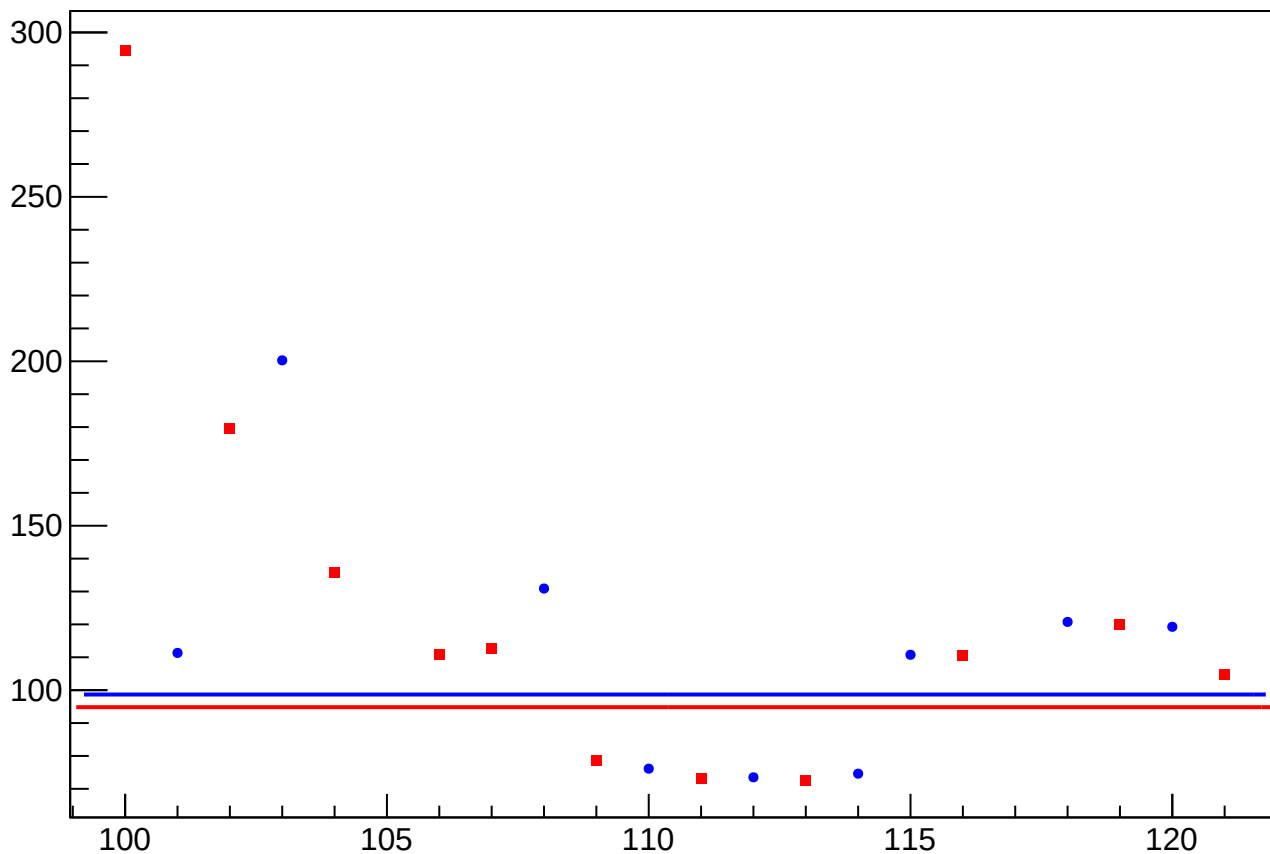
Right: -18.830+/-35.825 χ^2/NDF : 25.0/19

In: -35.526+/-54.645 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.830+/-35.825 χ^2/NDF : 25.0/19

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.677+/-0.039 χ^2/NDF : 633713.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.830+/-0.034 χ^2/NDF : 734320.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

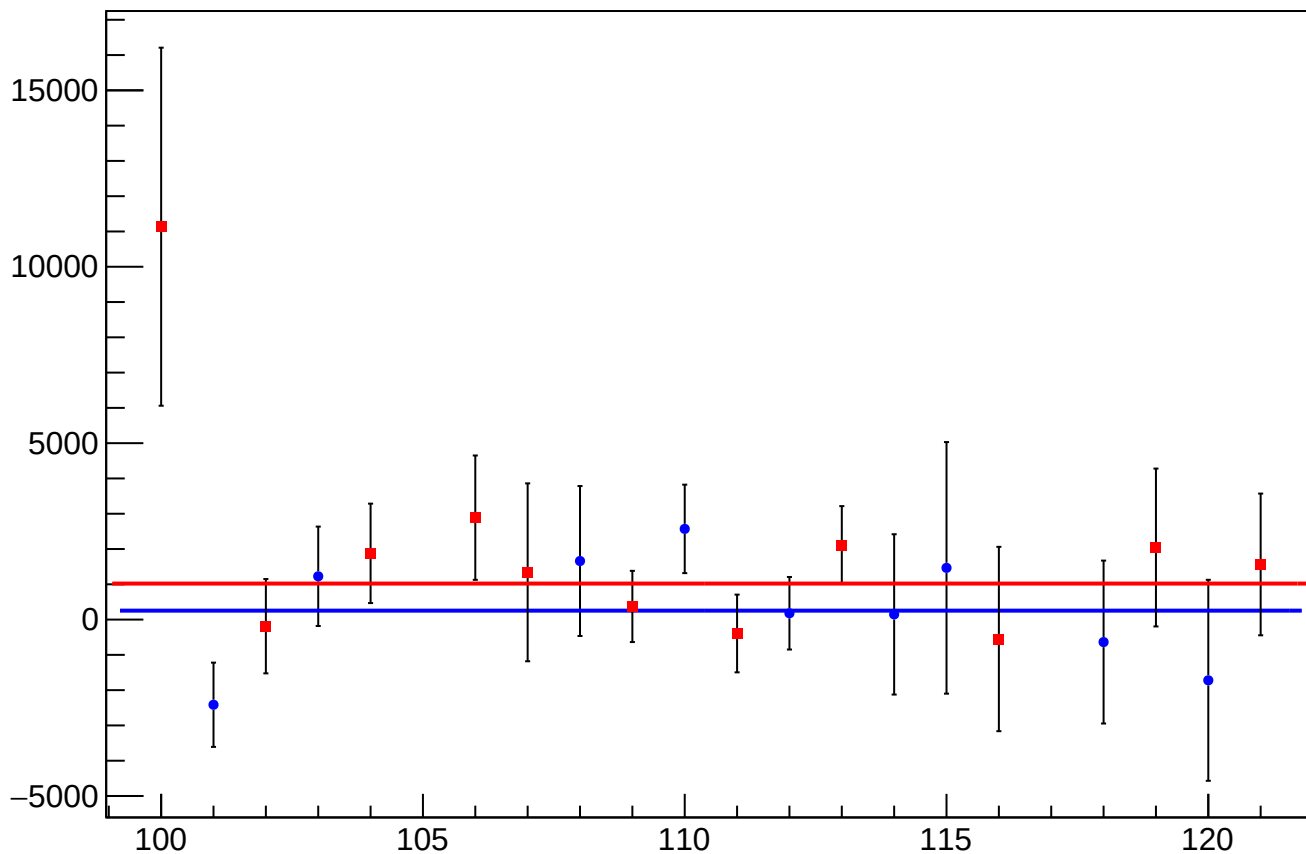
Right: 96.484+/-0.025 χ^2/NDF : 1373683.8/19

In: 98.677+/-0.039 χ^2/NDF : 633713.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.484+/-0.025 χ^2/NDF : 1373683.8/19

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 253.222+/-527.616 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.790+/-456.343 χ^2/NDF : 10.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

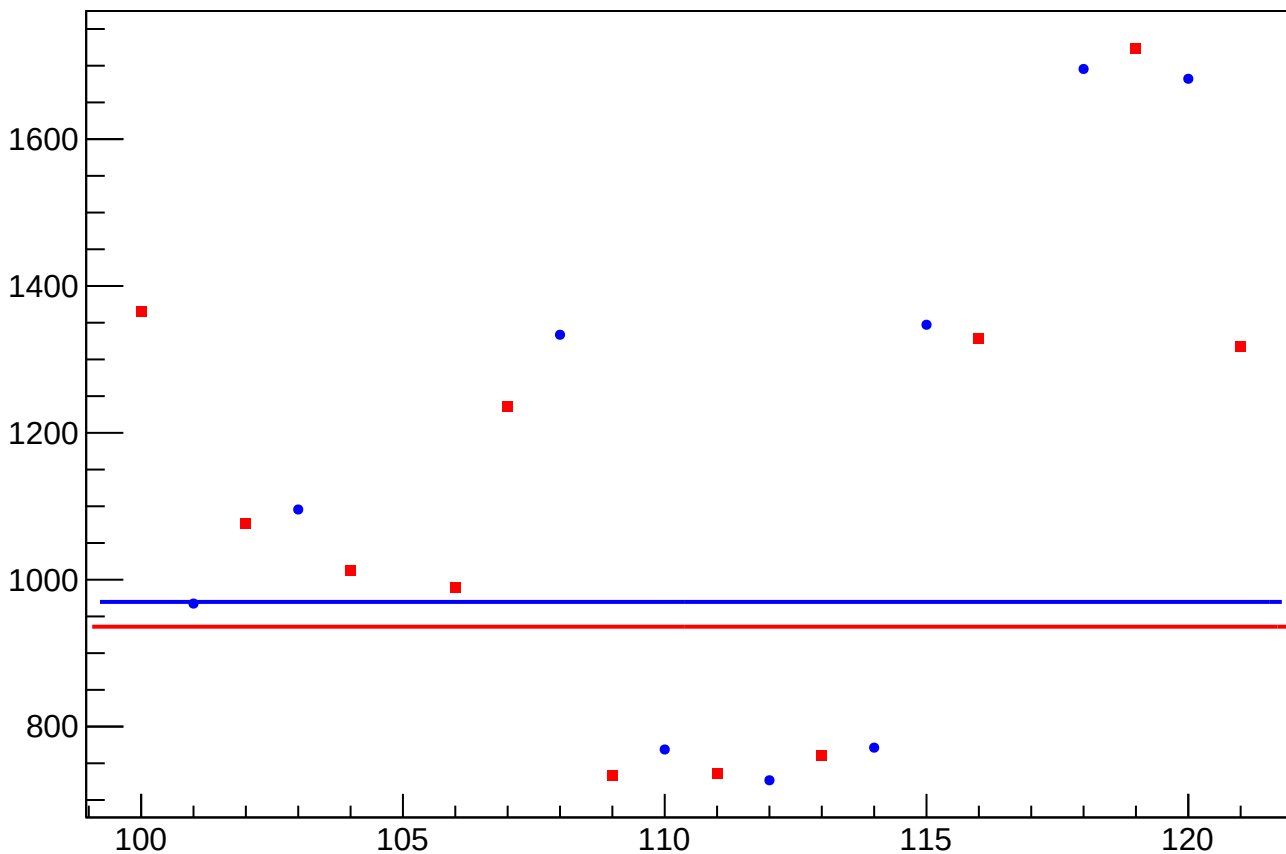
Right: 692.314+/-345.152 χ^2/NDF : 21.3/19

In: 253.222+/-527.616 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.314+/-345.152 χ^2/NDF : 21.3/19

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 969.766+/-0.373 χ^2/NDF : 598117.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.033+/-0.323 χ^2/NDF : 634161.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

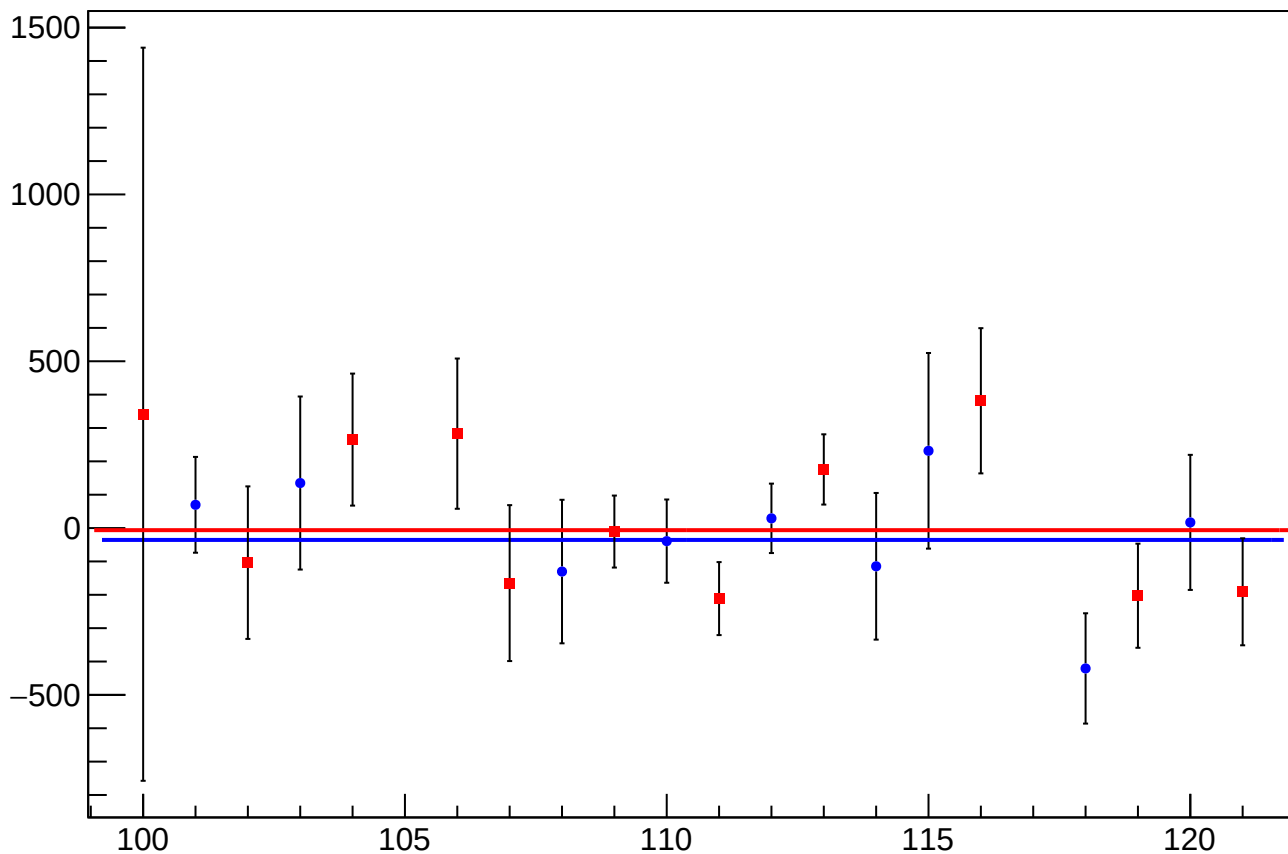
Right: 950.469+/-0.244 χ^2/NDF : 1236955.8/19

In: 969.766+/-0.373 χ^2/NDF : 598117.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.469+/-0.244 χ^2/NDF : 1236955.8/19

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -35.527+/-54.645 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.247+/-47.443 χ^2/NDF : 16.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

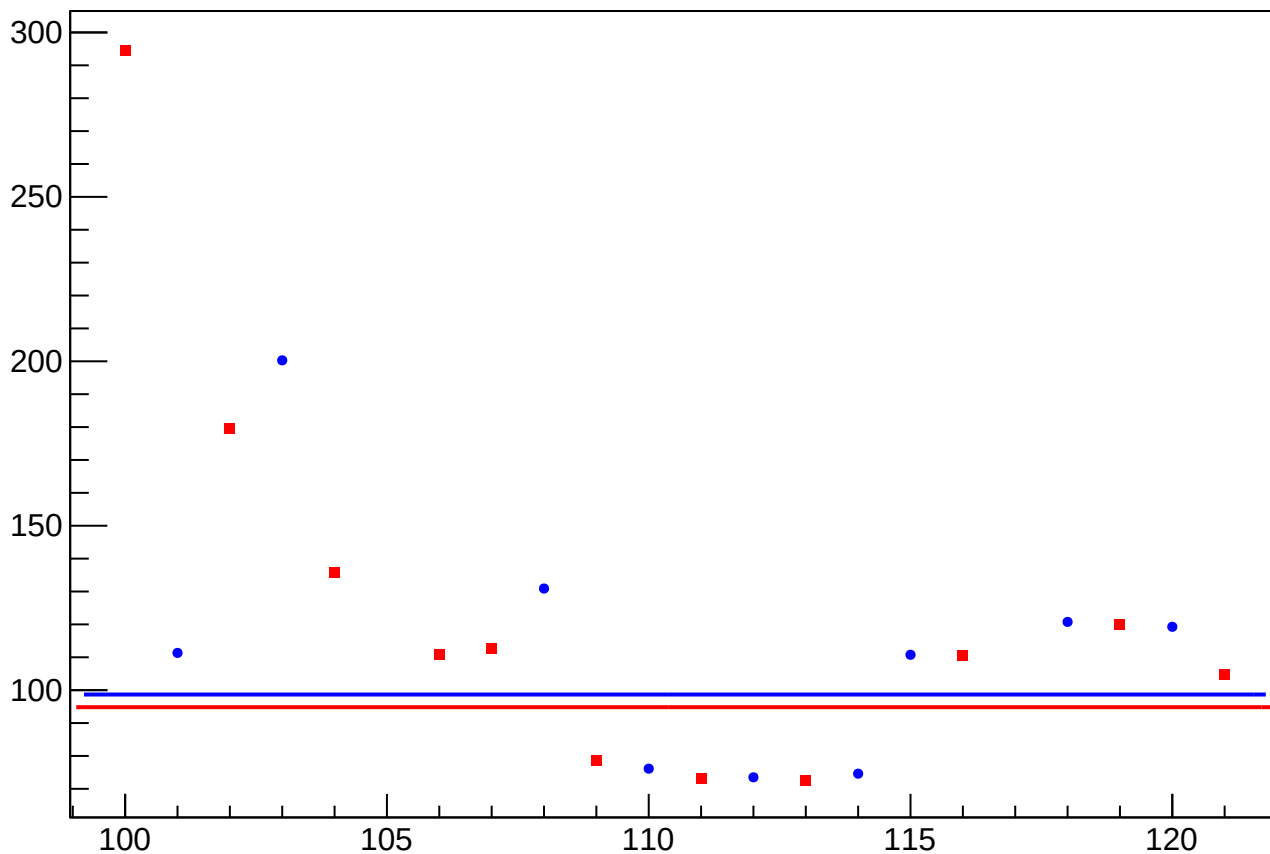
Right: -18.832+/-35.825 χ^2/NDF : 25.0/19

In: -35.527+/-54.645 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.832+/-35.825 χ^2/NDF : 25.0/19

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.677+/-0.039 χ^2/NDF : 633714.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.831+/-0.034 χ^2/NDF : 734321.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

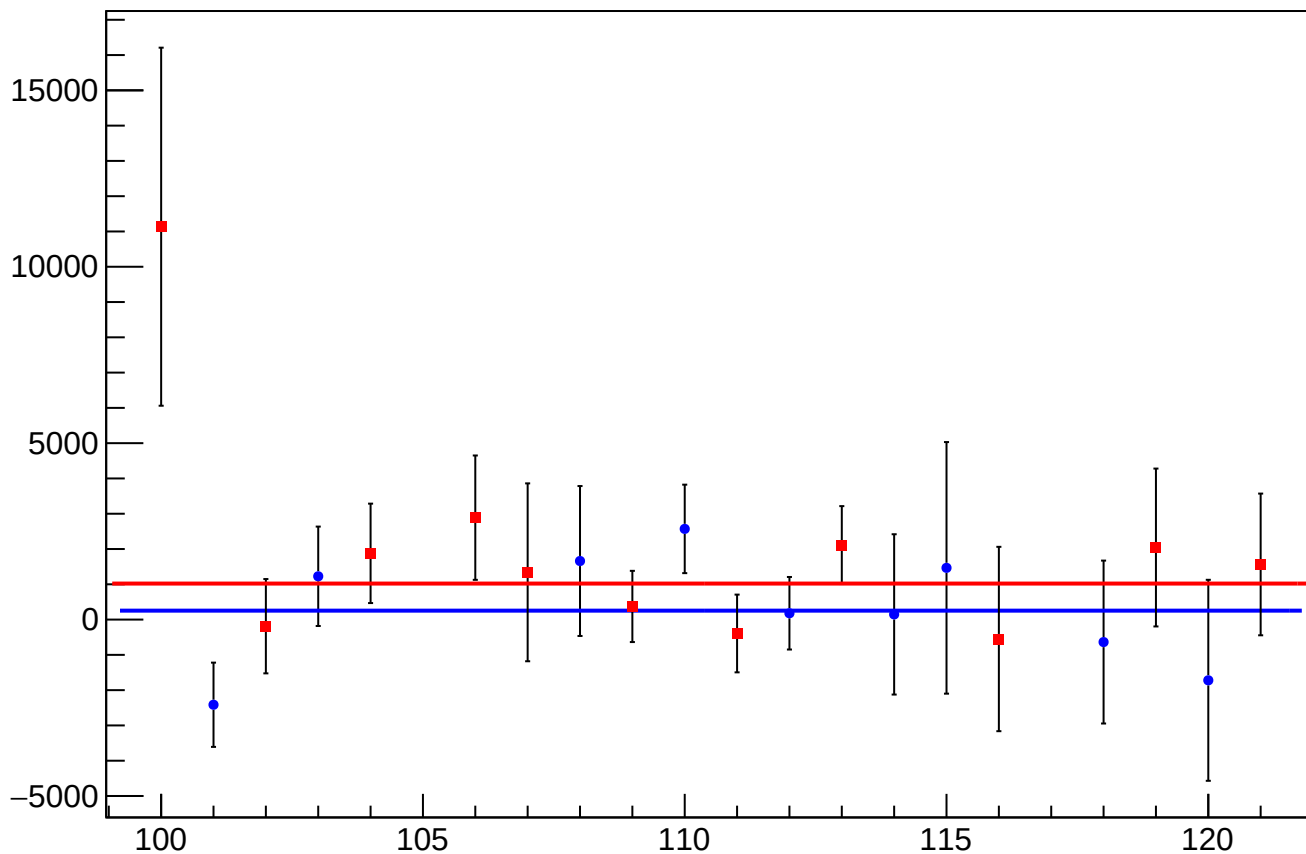
Right: 96.484+/-0.025 χ^2/NDF : 1373686.4/19

In: 98.677+/-0.039 χ^2/NDF : 633714.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.484+/-0.025 χ^2/NDF : 1373686.4/19

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 253.221+/-527.615 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.788+/-456.342 χ^2/NDF : 10.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

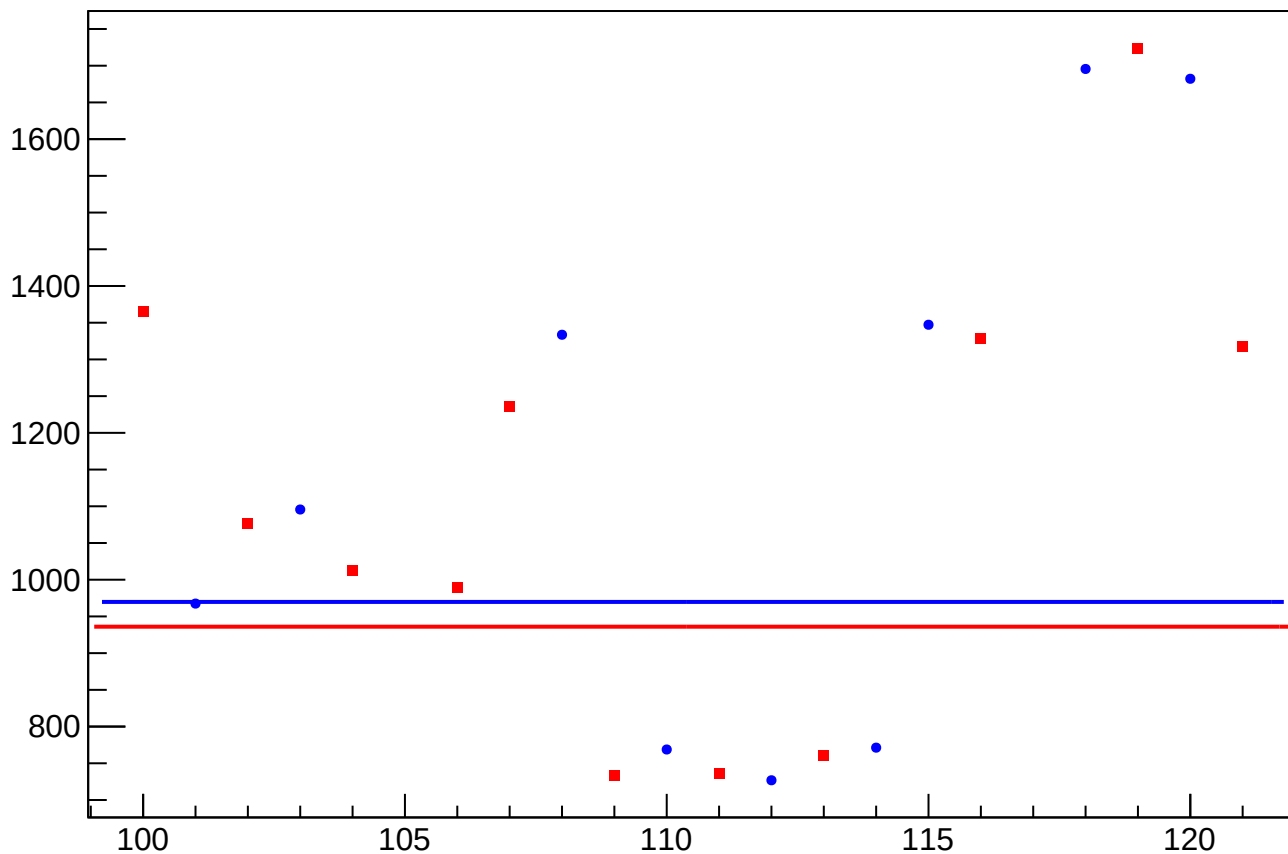
Right: 692.313+/-345.152 χ^2/NDF : 21.3/19

In: 253.221+/-527.615 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.313+/-345.152 χ^2/NDF : 21.3/19

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 969.764+/-0.373 χ^2/NDF : 598121.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.032+/-0.323 χ^2/NDF : 634163.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

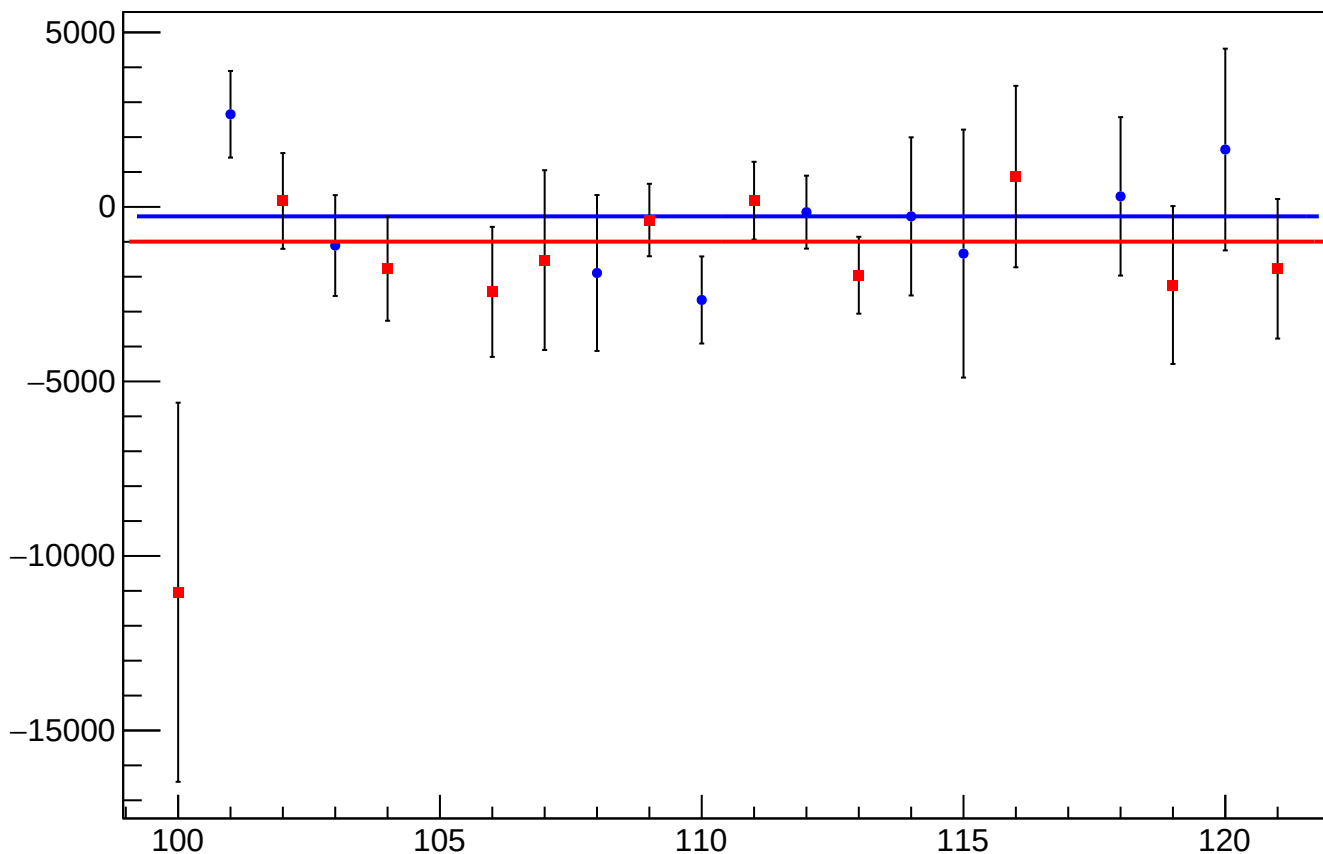
Right: 950.467+/-0.244 χ^2/NDF : 1236960.9/19

In: 969.764+/-0.373 χ^2/NDF : 598121.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.467+/-0.244 χ^2/NDF : 1236960.9/19

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -270.411+/-536.407 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -994.624+/-465.906 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

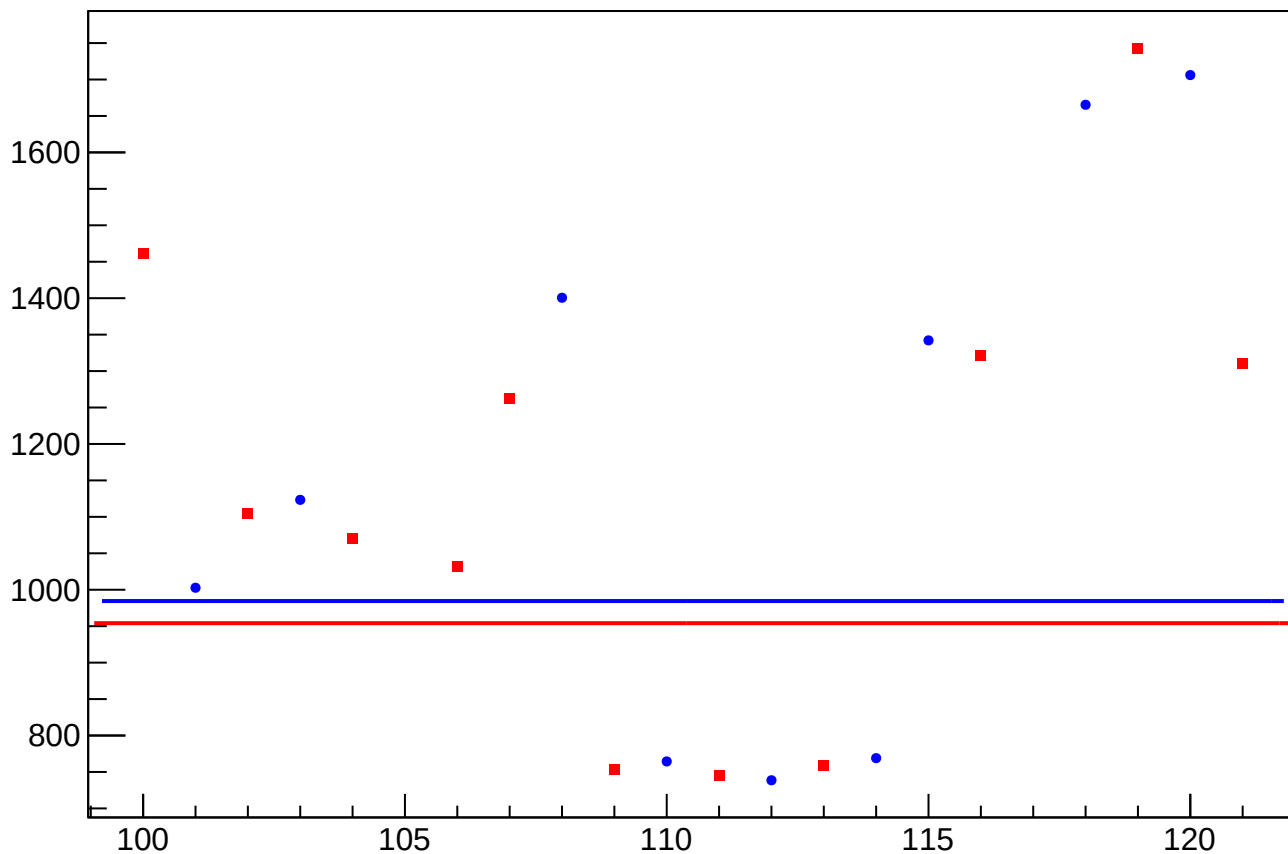
Right: -683.207+/-351.749 χ^2/NDF : 20.0/19

In: -270.411+/-536.407 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -683.207+/-351.749 χ^2/NDF : 20.0/19

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 984.497+/-0.379 χ^2/NDF : 604414.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 954.146+/-0.329 χ^2/NDF : 640198.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

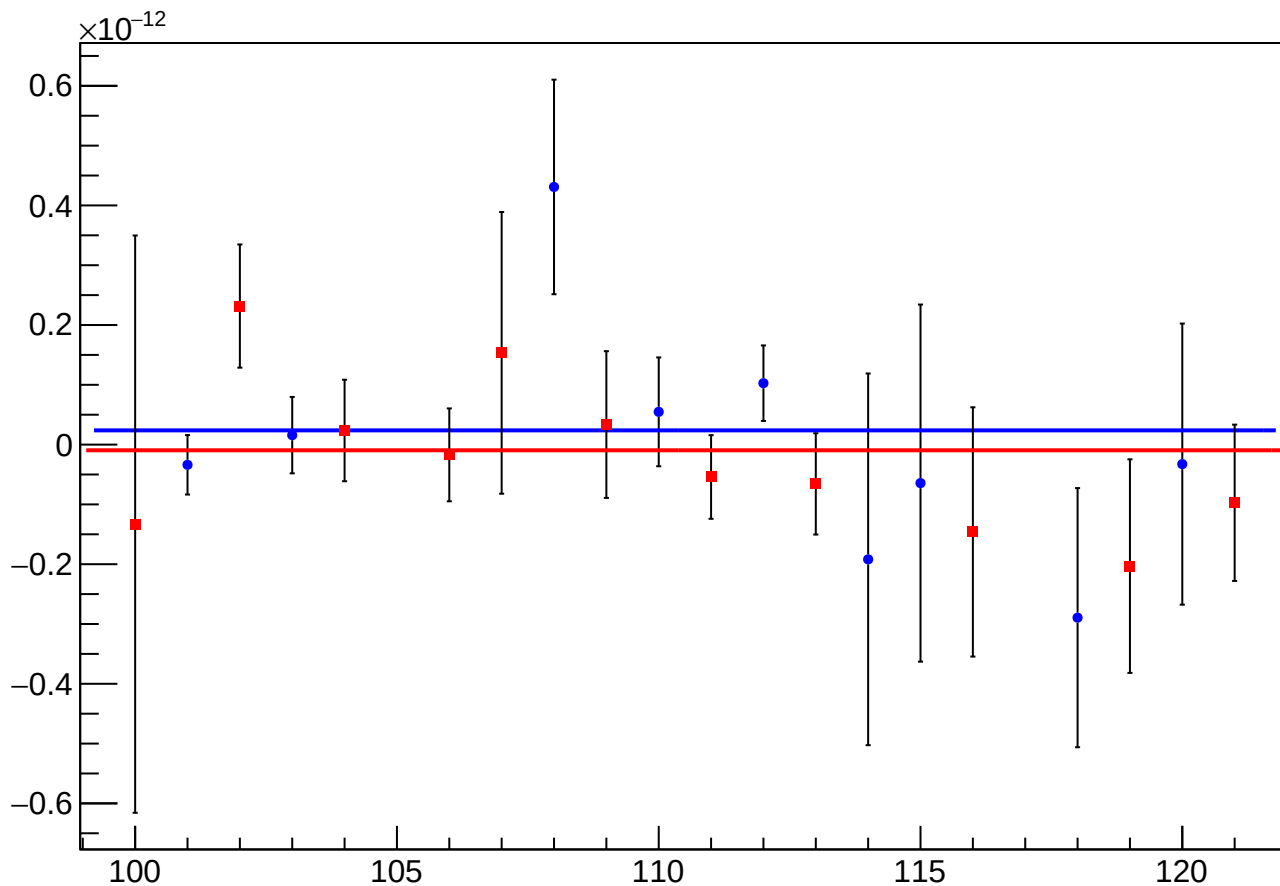
Right: 967.197+/-0.249 χ^2/NDF : 1248262.8/19

In: 984.497+/-0.379 χ^2/NDF : 604414.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.197+/-0.249 χ^2/NDF : 1248262.8/19

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

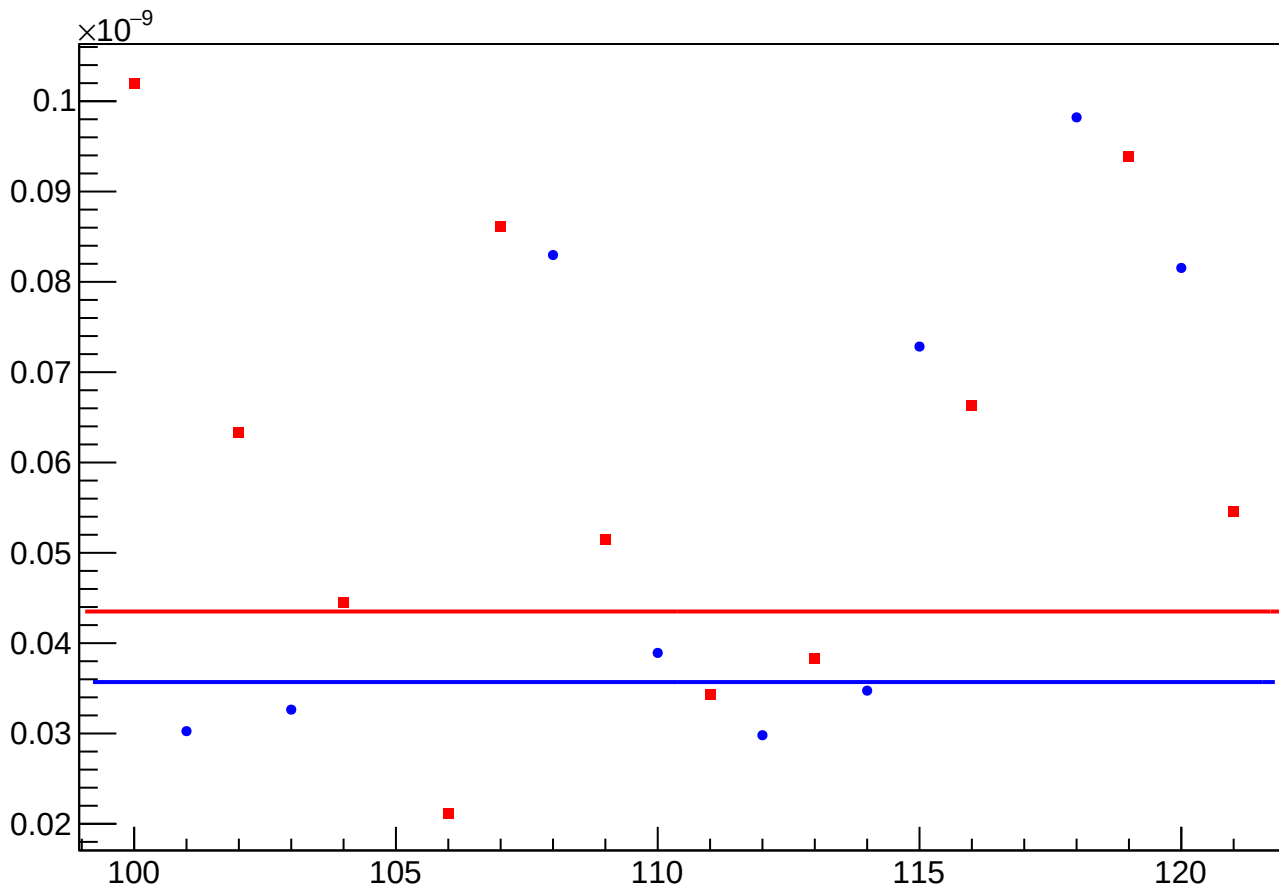
Right: 0.000+/-0.000 χ^2/NDF : 20.7/19

In: 0.000+/-0.000 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/19

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 460753.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582094.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

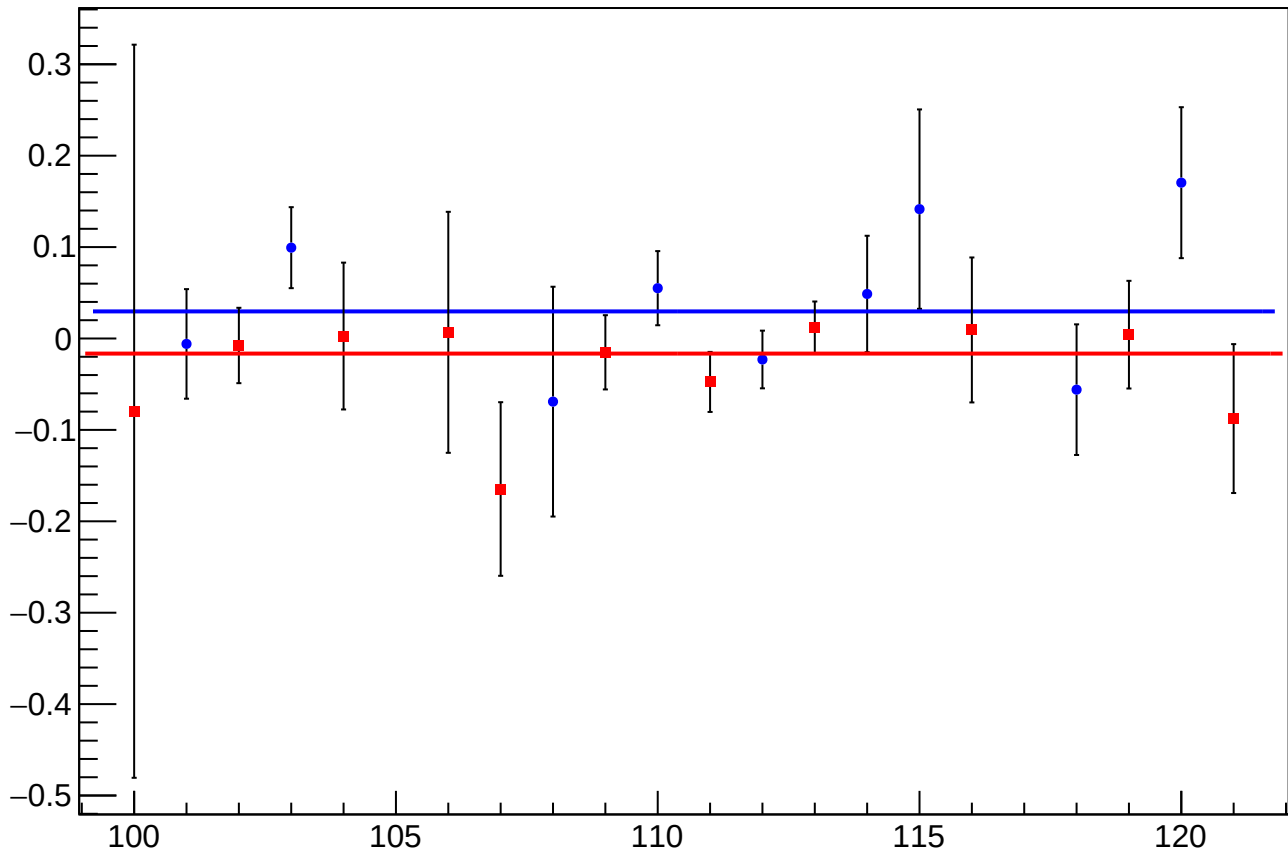
Right: 0.000+/-0.000 χ^2/NDF : 1105175.4/19

In: 0.000+/-0.000 χ^2/NDF :460753.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1105175.4/19

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

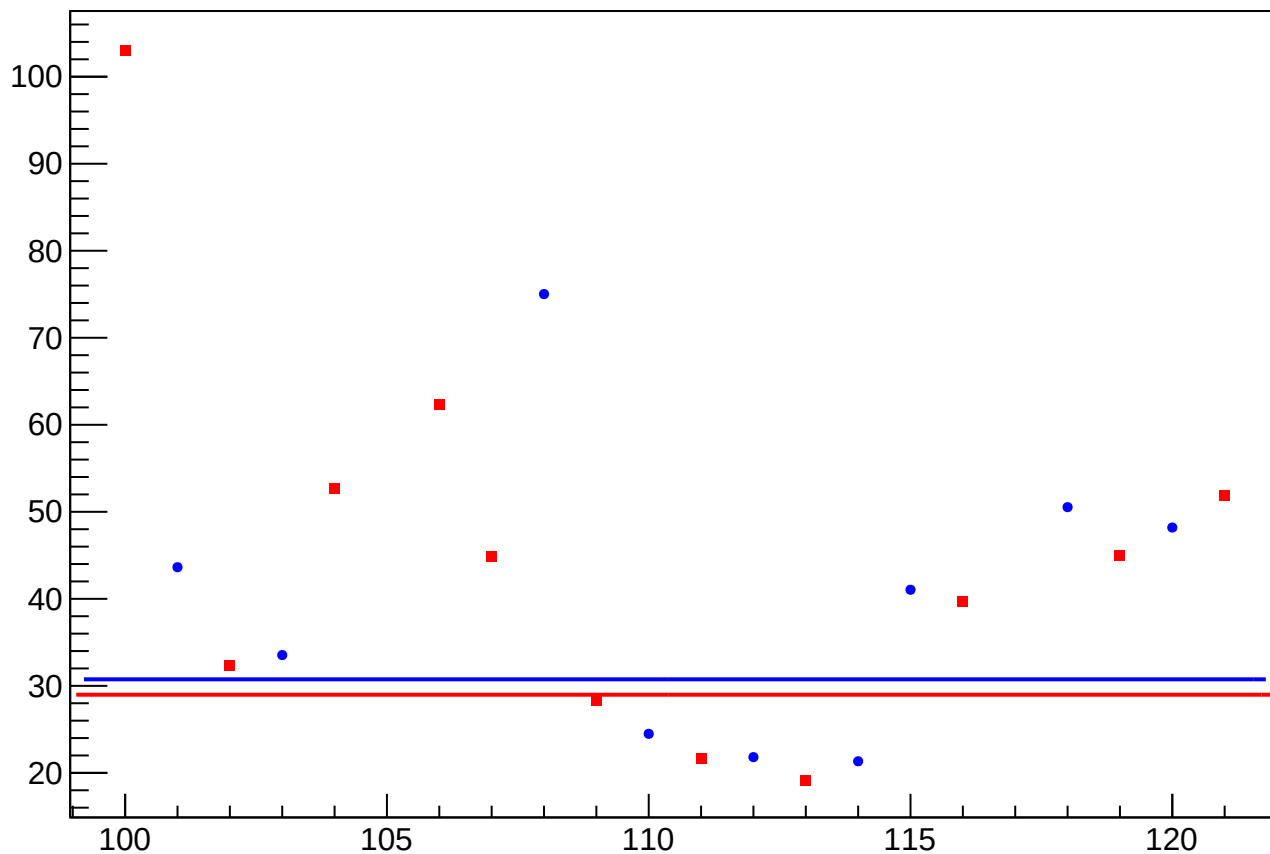
Right: 0.003+/-0.012 χ^2/NDF : 21.5/19

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 21.5/19

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.983+/-0.011 χ^2/NDF : 1124075.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

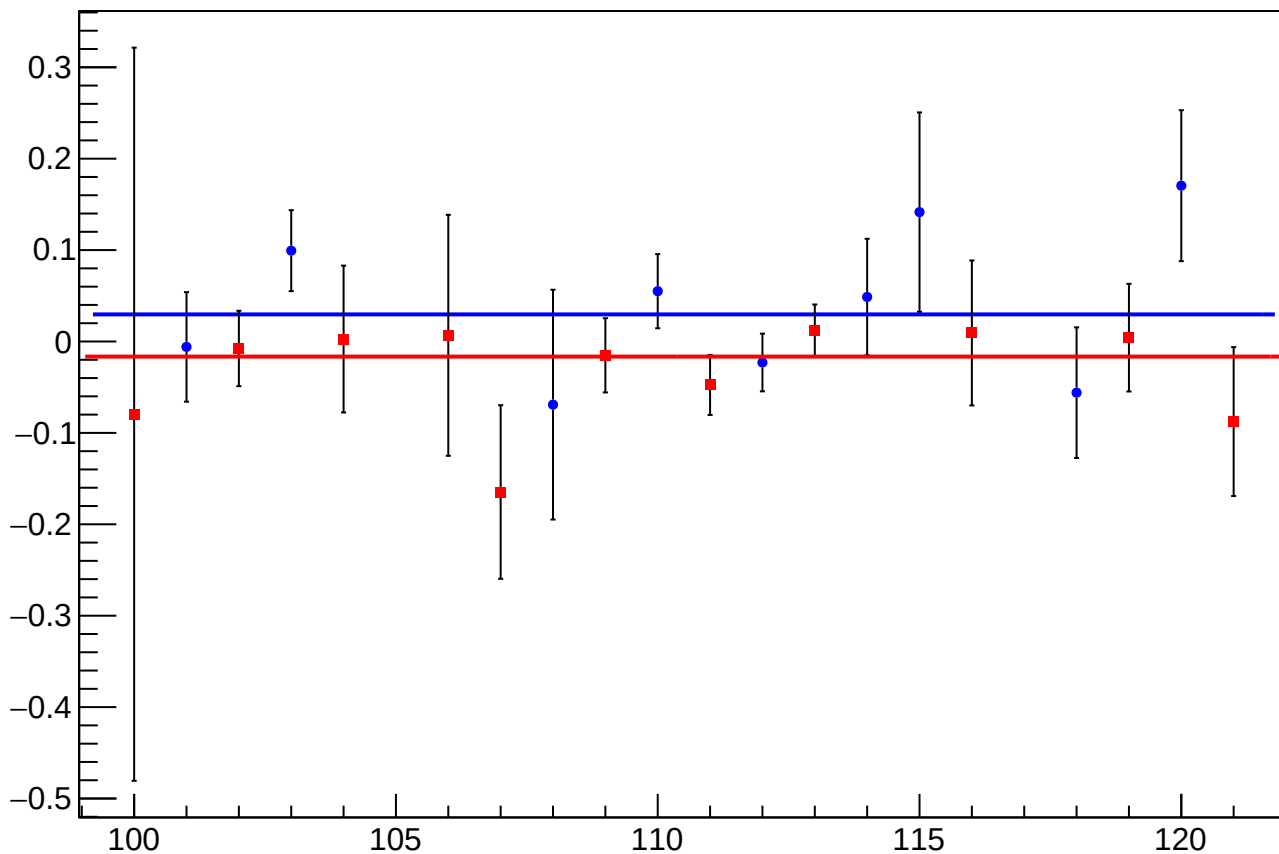
Right: 29.728+/-0.008 χ^2/NDF : 1996113.3/19

In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.728+/-0.008 χ^2/NDF : 1996113.3/19

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

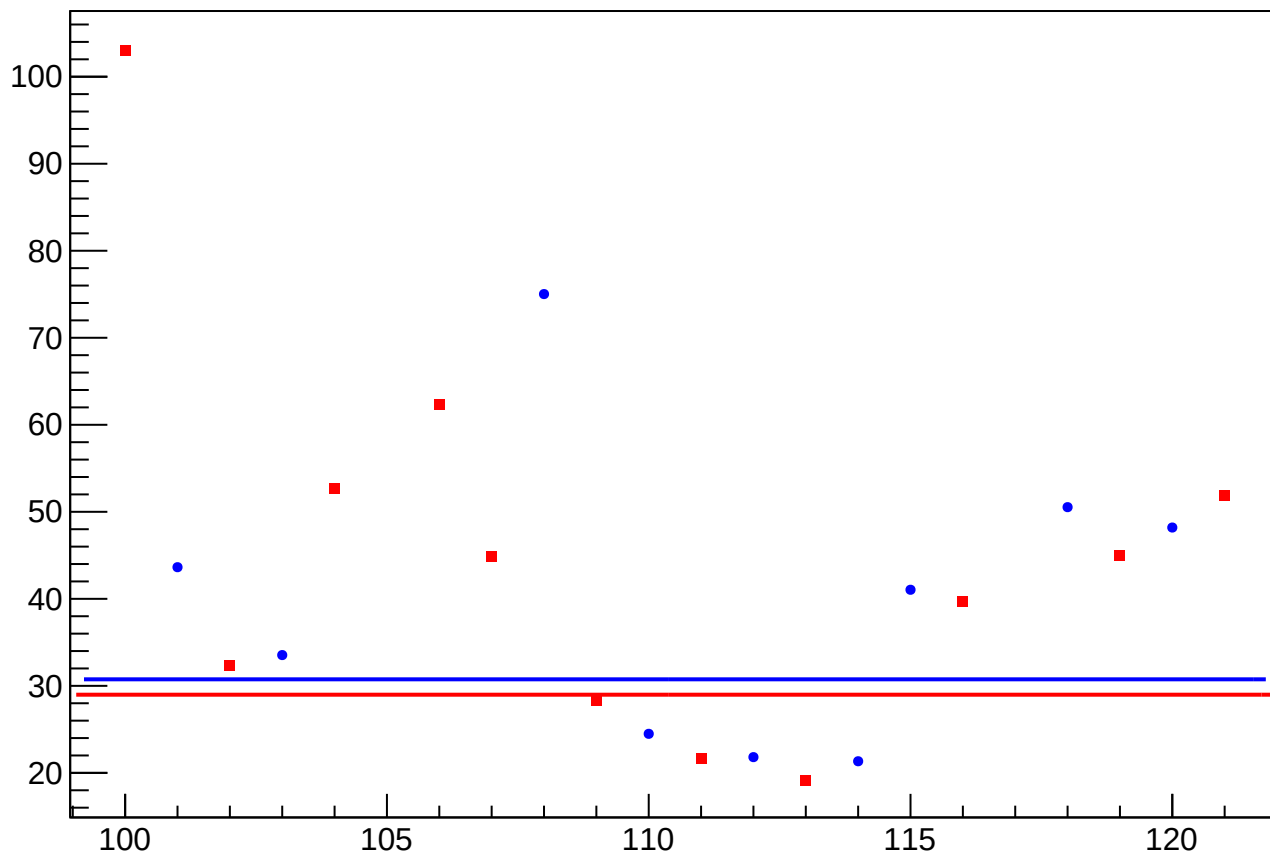
Right: 0.003+/-0.012 χ^2/NDF : 21.5/19

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 21.5/19

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.983+/-0.011 χ^2/NDF : 1124075.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

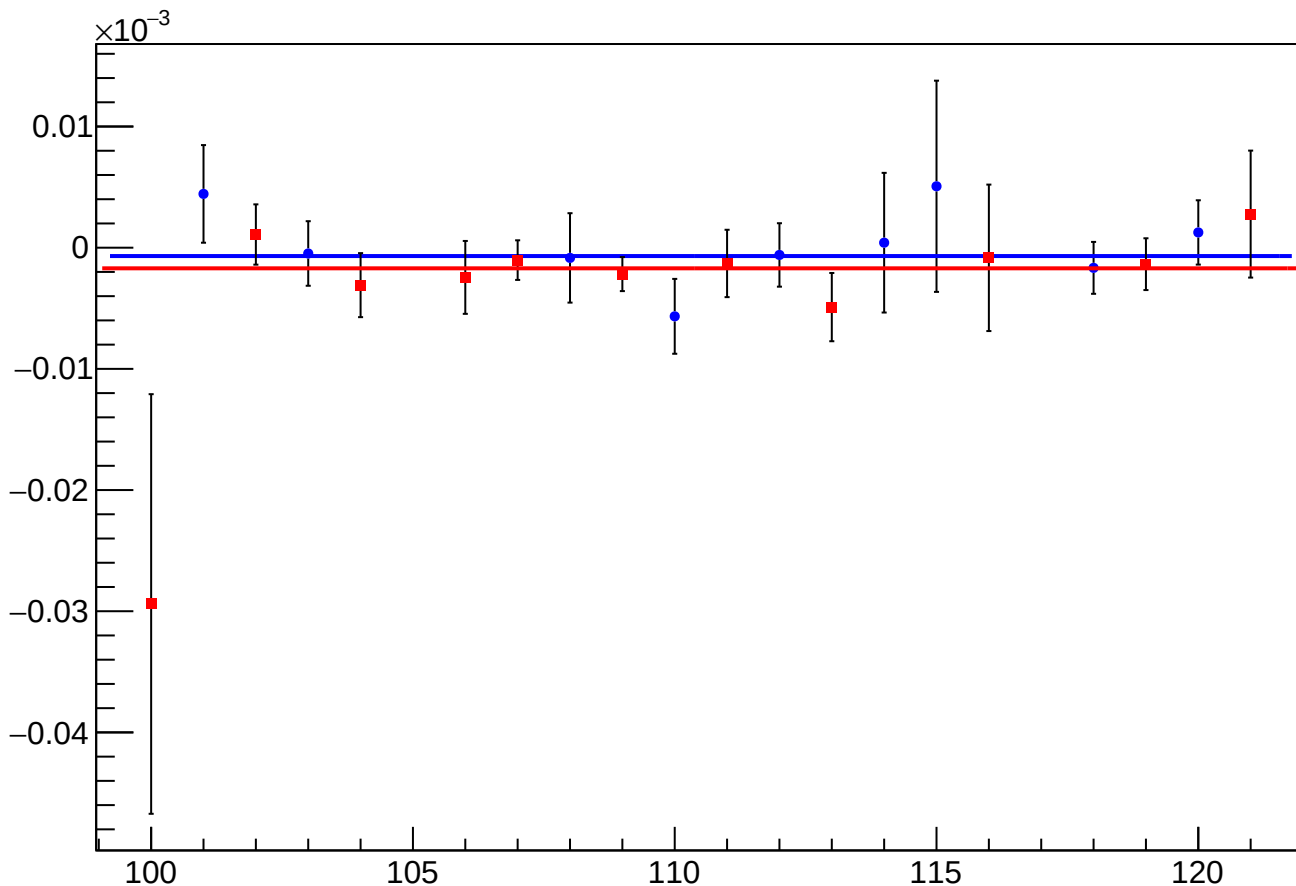
Right: 29.728+/-0.008 χ^2/NDF : 1996113.3/19

In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.728+/-0.008 χ^2/NDF : 1996113.3/19

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

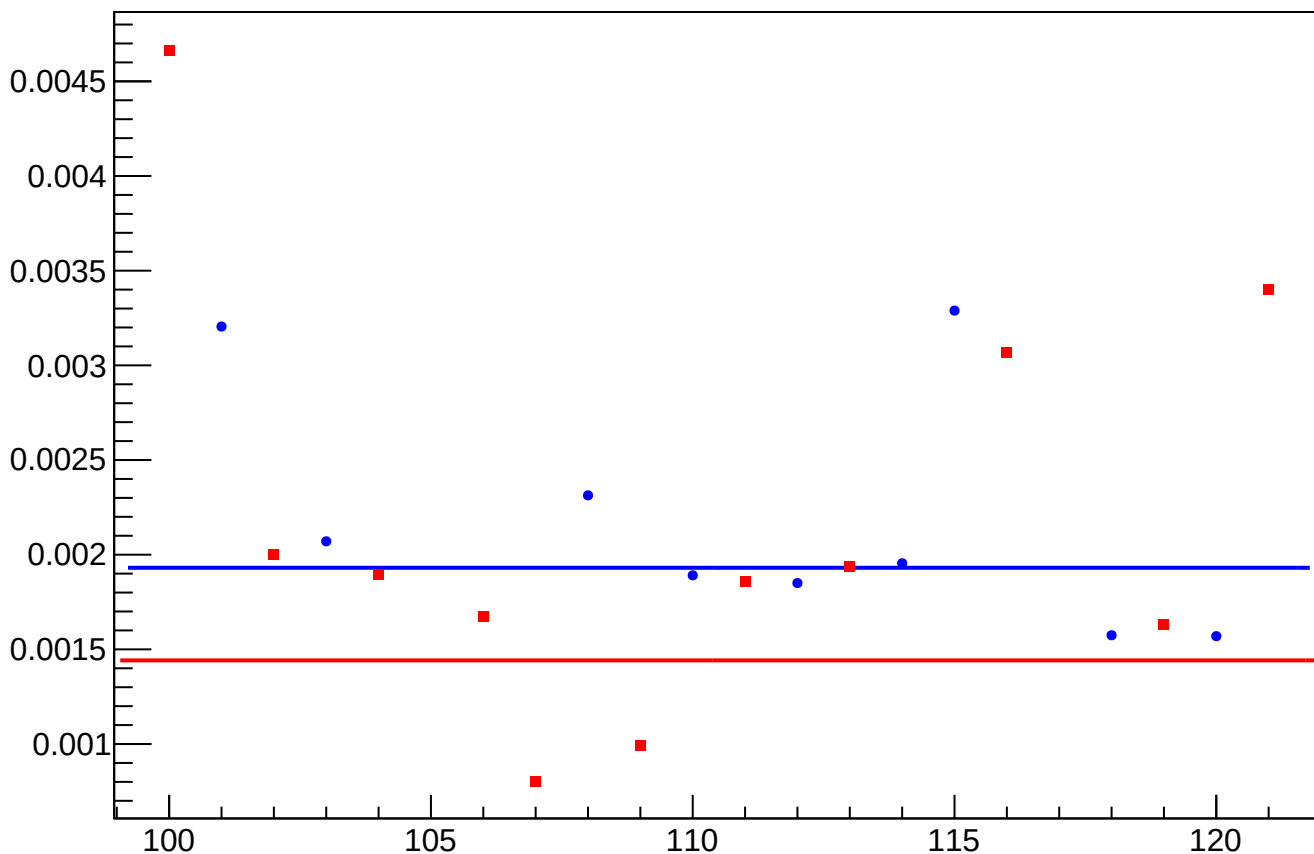
Right: -0.000+/-0.000 χ^2 /NDF: 12.6/19

In: -0.000+/-0.000 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.6/19

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 370301.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1299378.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

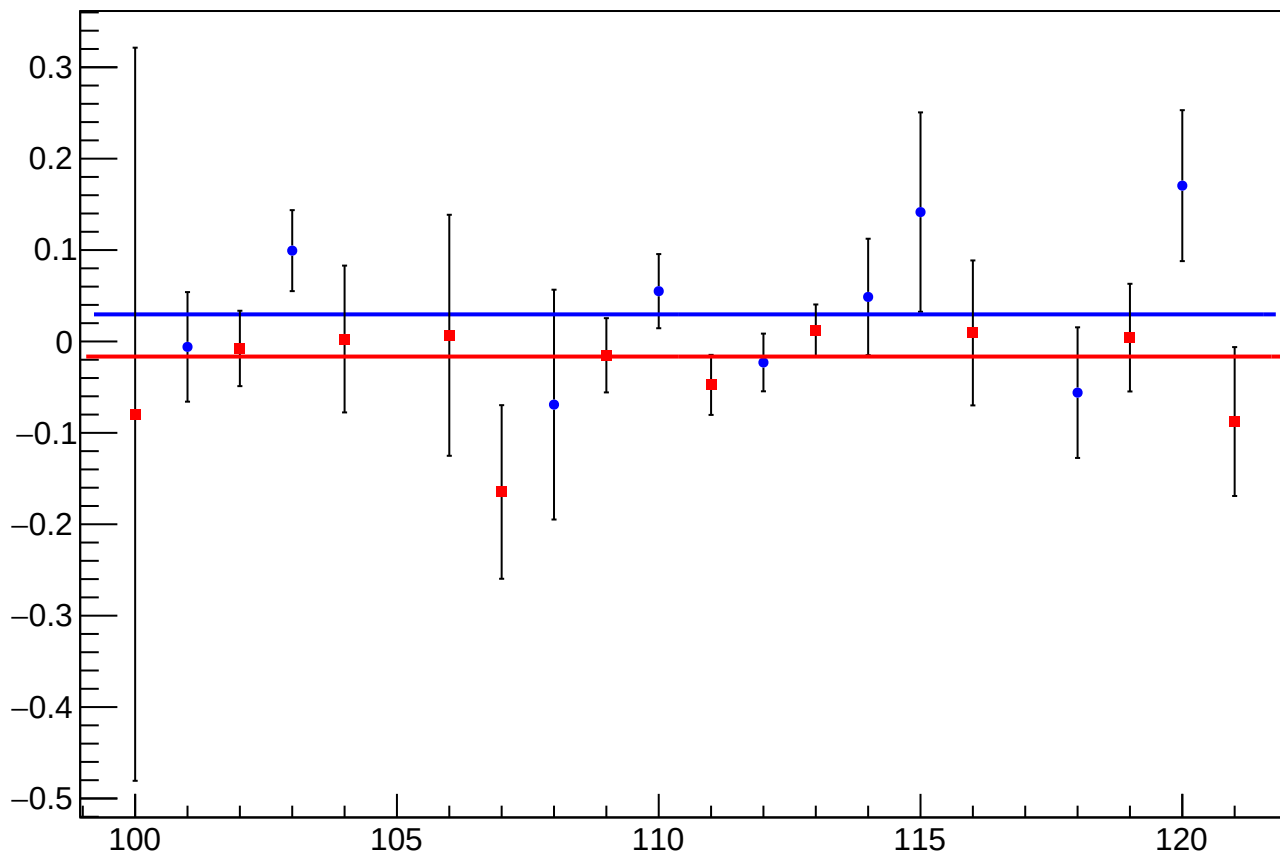
Right: 0.002+/-0.000 χ^2/NDF : 1965076.1/19

In: 0.002+/-0.000 χ^2/NDF :370301.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1965076.1/19

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

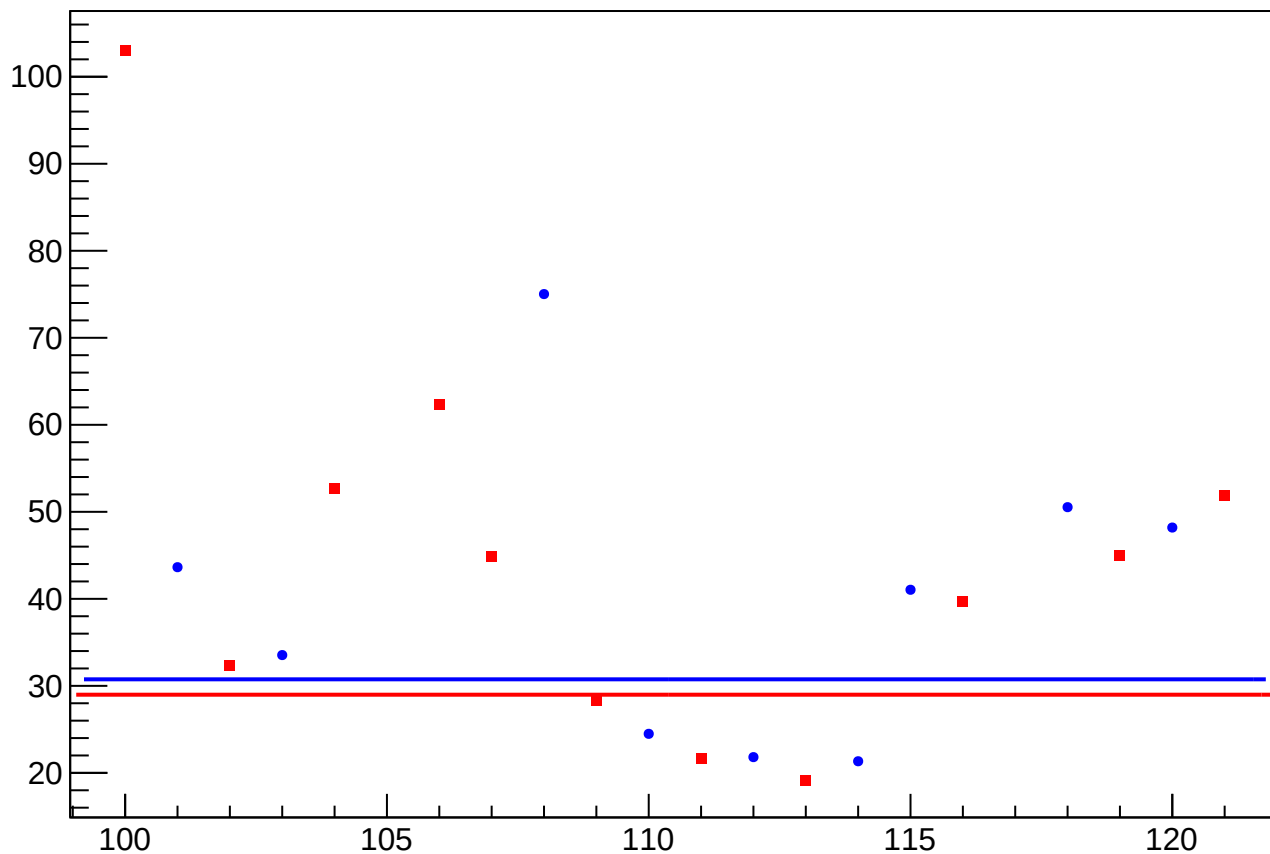
Right: 0.003+/-0.012 χ^2/NDF : 21.5/19

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 21.5/19

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.984+/-0.011 χ^2/NDF : 1124062.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

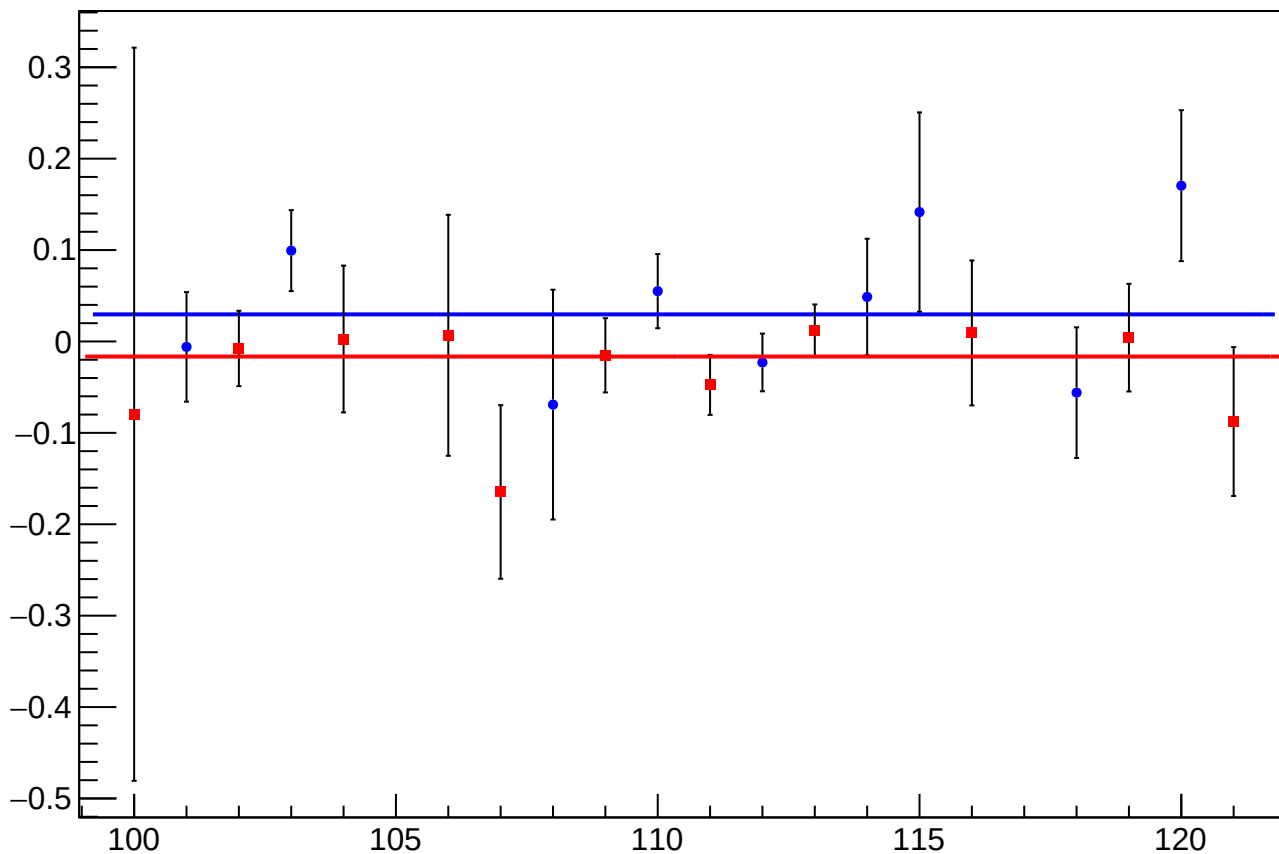
Right: 29.729+/-0.008 χ^2/NDF : 1996095.3/19

In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.729+/-0.008 χ^2/NDF : 1996095.3/19

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

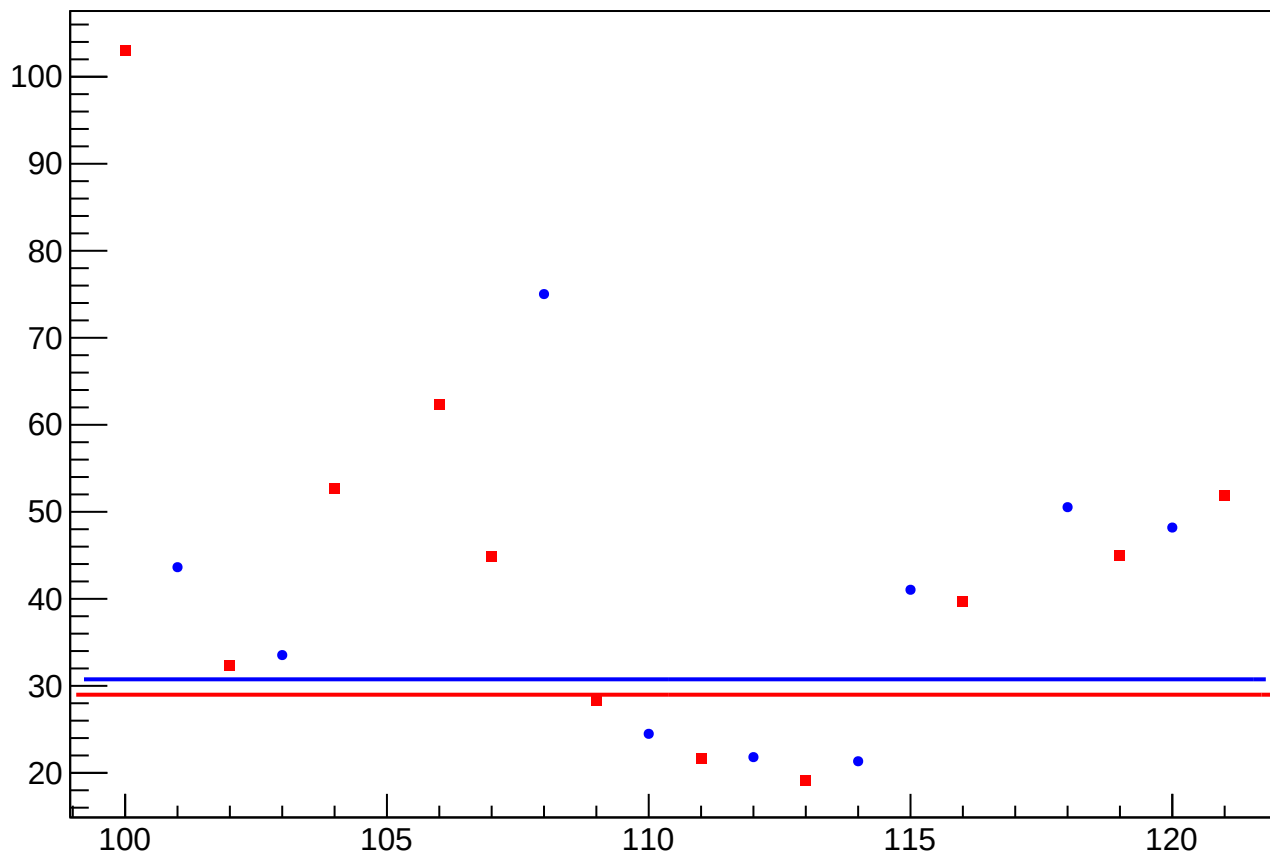
Right: 0.003+/-0.012 χ^2/NDF : 21.5/19

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 21.5/19

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.984+/-0.011 χ^2/NDF : 1124062.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

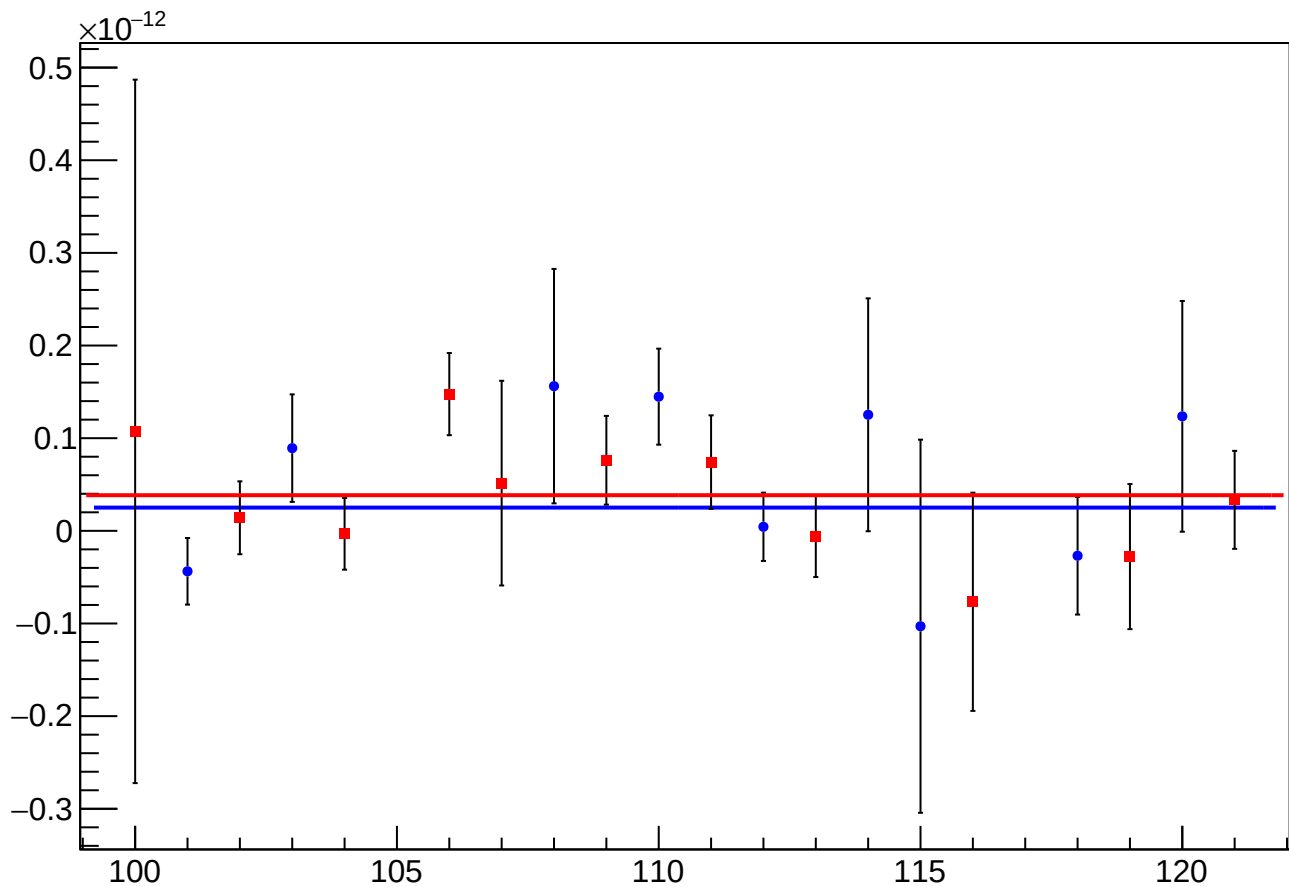
Right: 29.729+/-0.008 χ^2/NDF : 1996095.3/19

In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.729+/-0.008 χ^2/NDF : 1996095.3/19

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

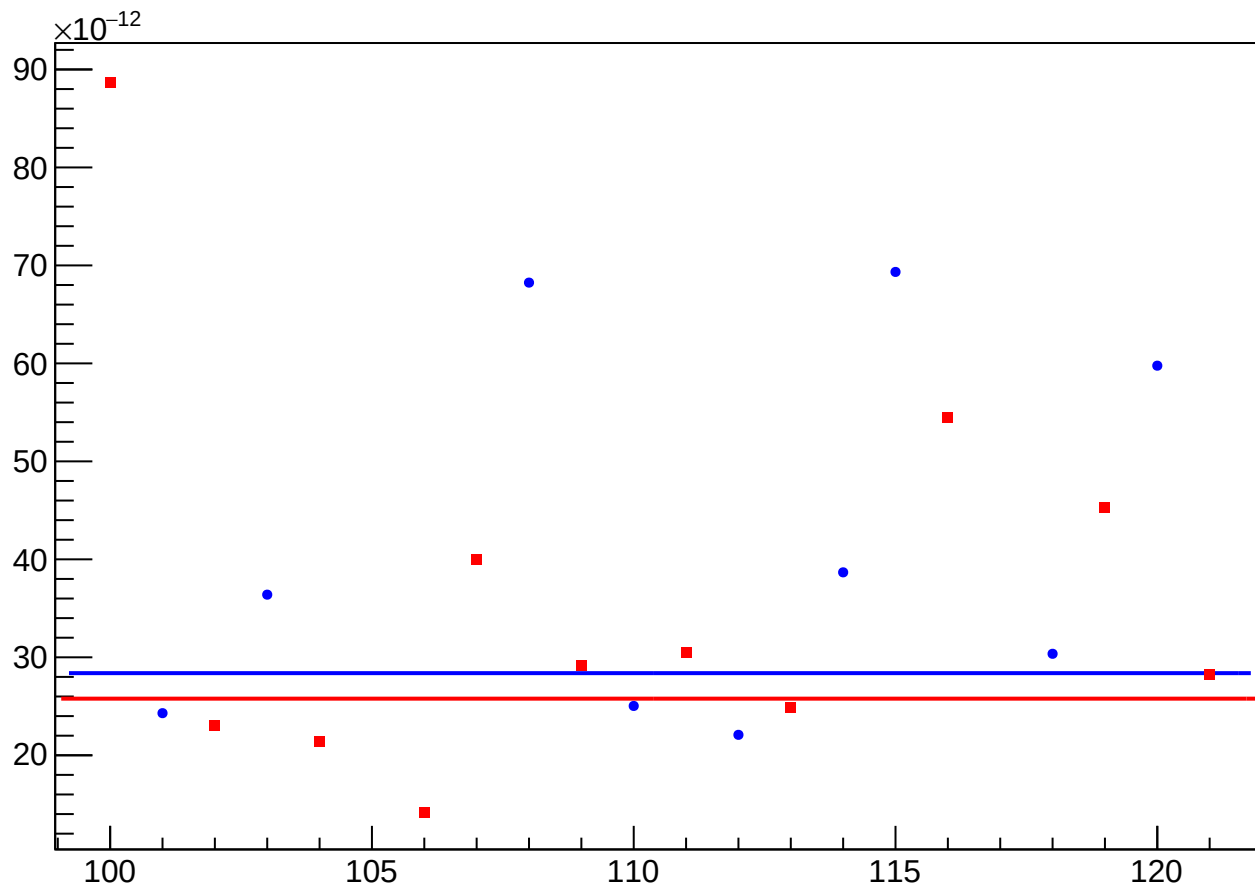
Right: 0.000+/-0.000 χ^2/NDF : 25.7/19

In: 0.000+/-0.000 χ^2/NDF : 13.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.7/19

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 554341.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536508.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

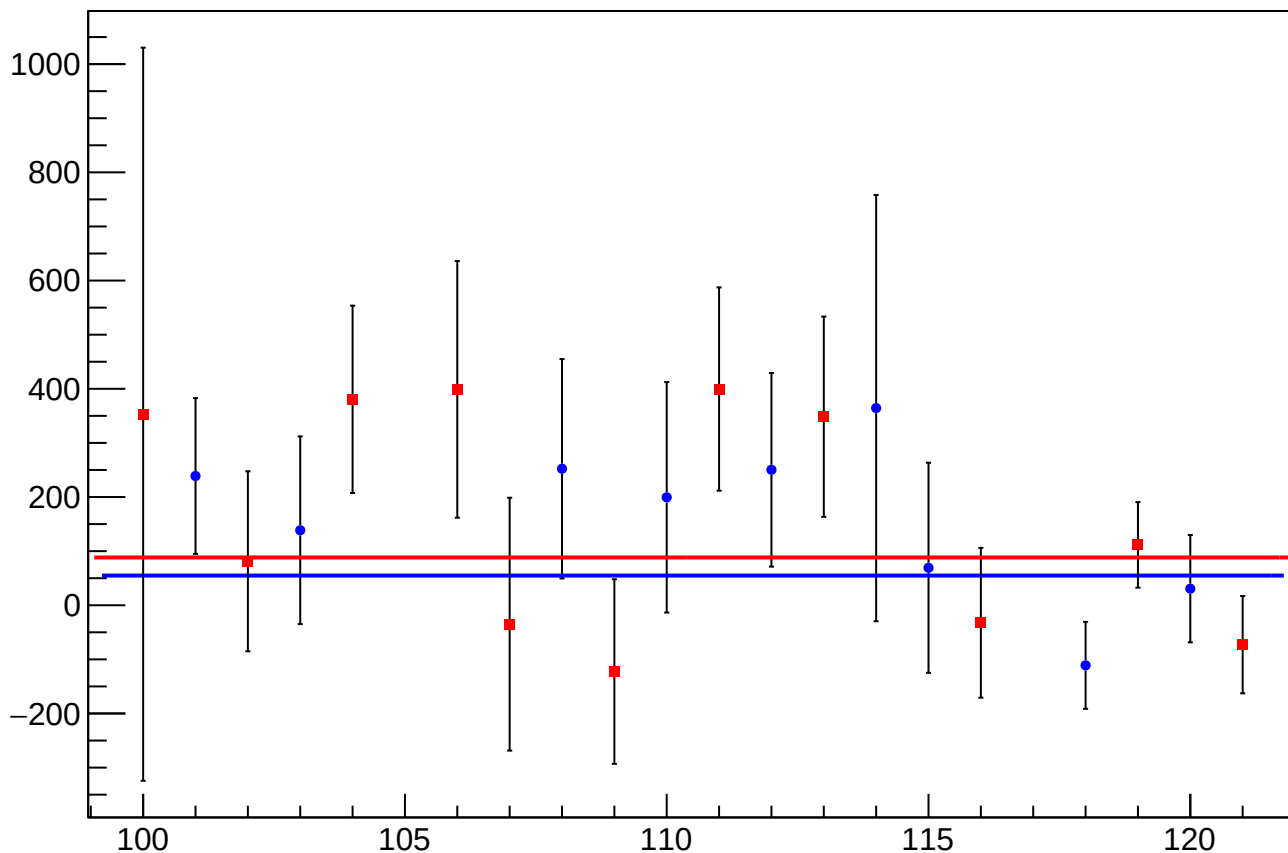
Right: 0.000+/-0.000 χ^2/NDF : 1112090.1/19

In: 0.000+/-0.000 χ^2/NDF : 554341.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1112090.1/19

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 54.848 $\pm$ 47.214 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.306 $\pm$ 43.207 χ^2 /NDF: 15.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

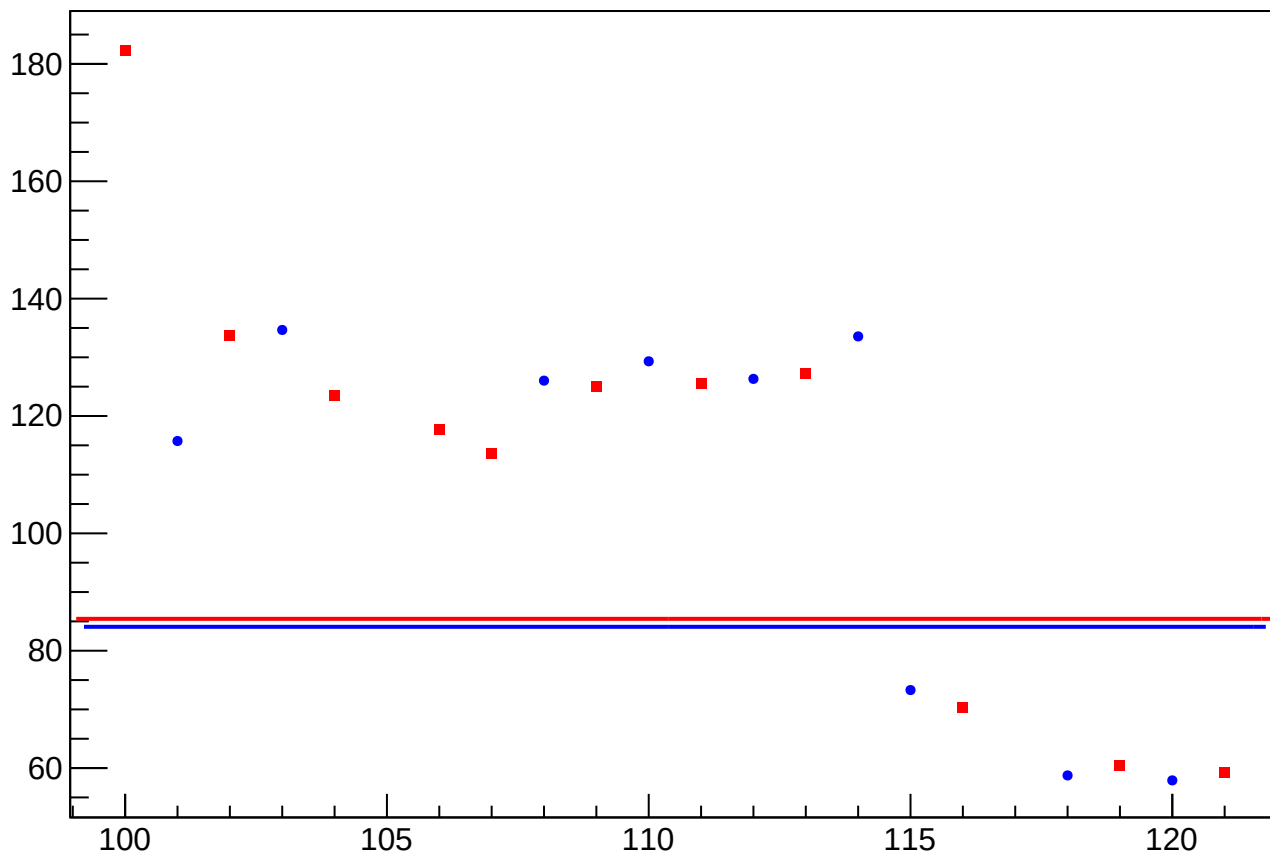
Right: 73.057 $\pm$ 31.875 χ^2 /NDF: 25.0/19

In: 54.848 $\pm$ 47.214 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.057 $\pm$ 31.875 χ^2 /NDF: 25.0/19

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 84.077+/-0.033 χ^2/NDF : 930010.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.435+/-0.031 χ^2/NDF : 1067384.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

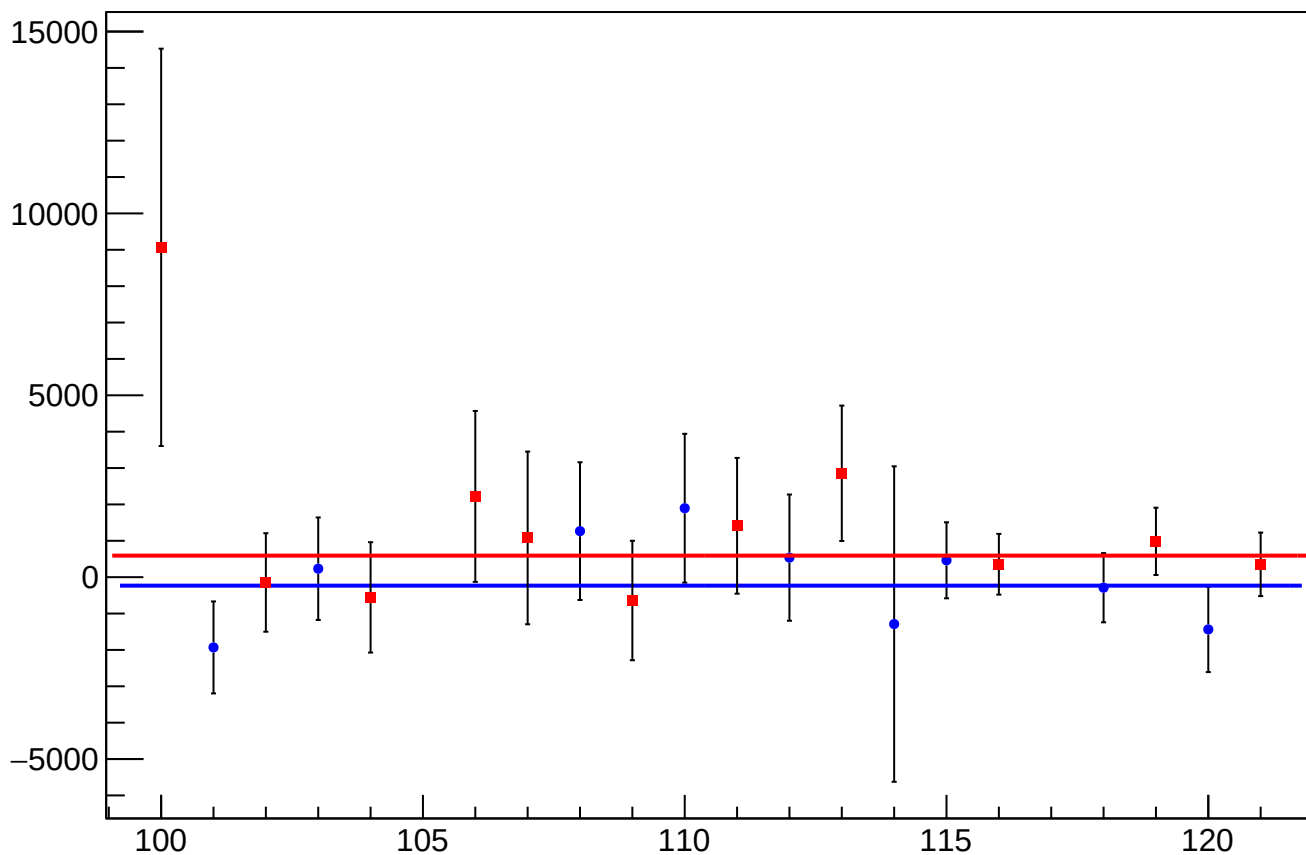
Right: 84.816+/-0.023 χ^2/NDF : 1998296.2/19

In: 84.077+/-0.033 χ^2/NDF : 930010.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.816+/-0.023 χ^2/NDF : 1998296.2/19

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -232.975+/-457.447 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.334+/-400.588 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

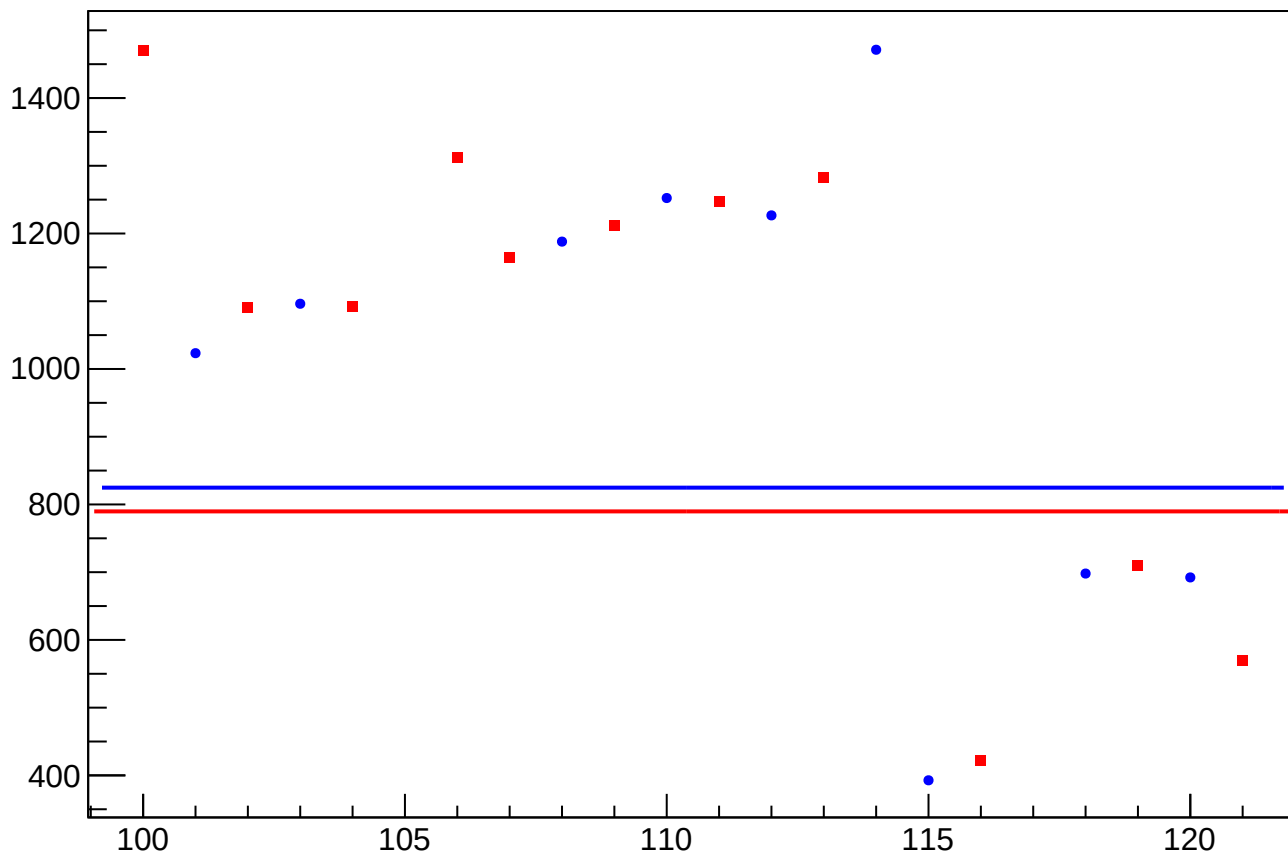
Right: 234.130+/-301.368 χ^2/NDF : 13.6/19

In: -232.975+/-457.447 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.130+/-301.368 χ^2/NDF : 13.6/19

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 824.799+/-0.323 χ^2/NDF : 839420.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 789.739+/-0.283 χ^2/NDF : 1281438.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

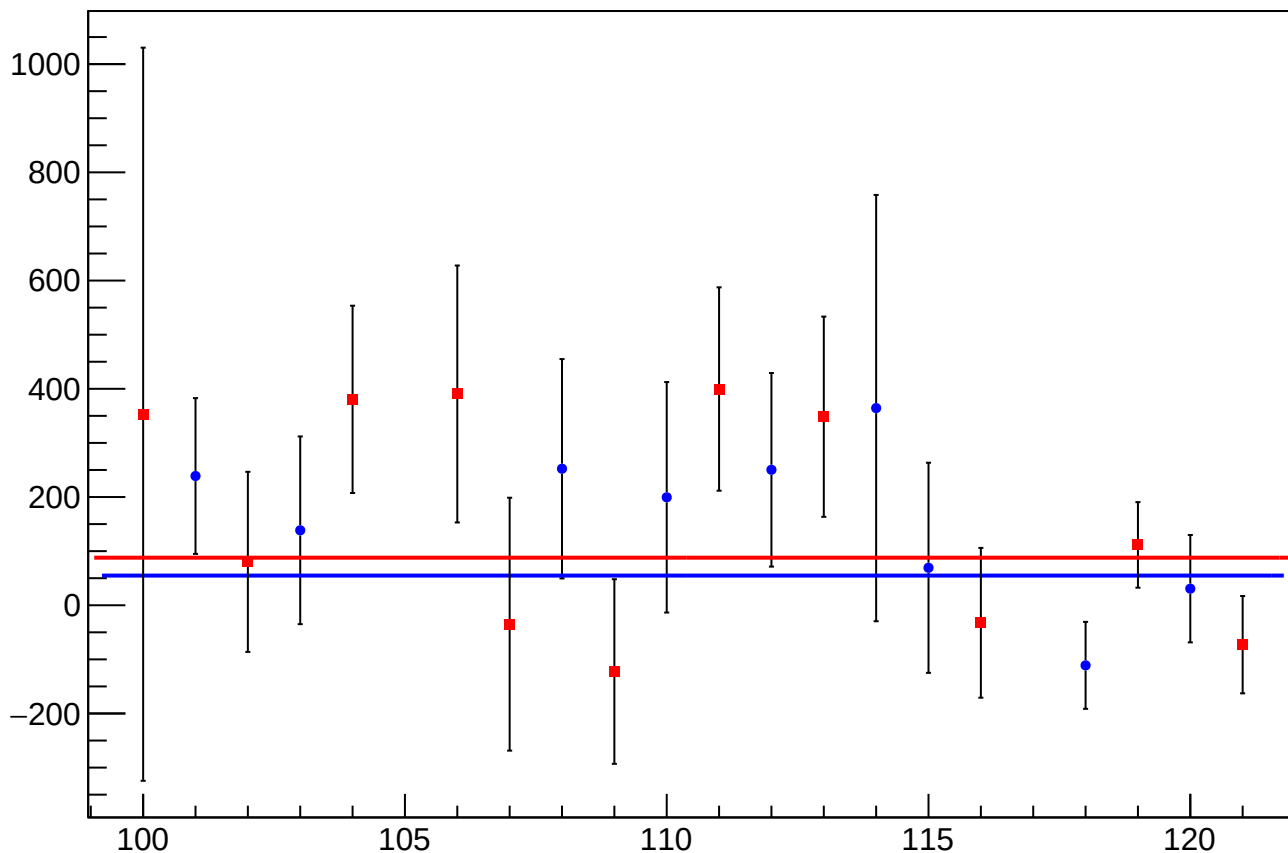
Right: 804.956+/-0.213 χ^2/NDF : 2127508.0/19

In: 824.799+/-0.323 χ^2/NDF : 839420.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.956+/-0.213 χ^2/NDF : 2127508.0/19

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 54.846 $\pm$ 47.215 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.919 $\pm$ 43.210 χ^2 /NDF: 15.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

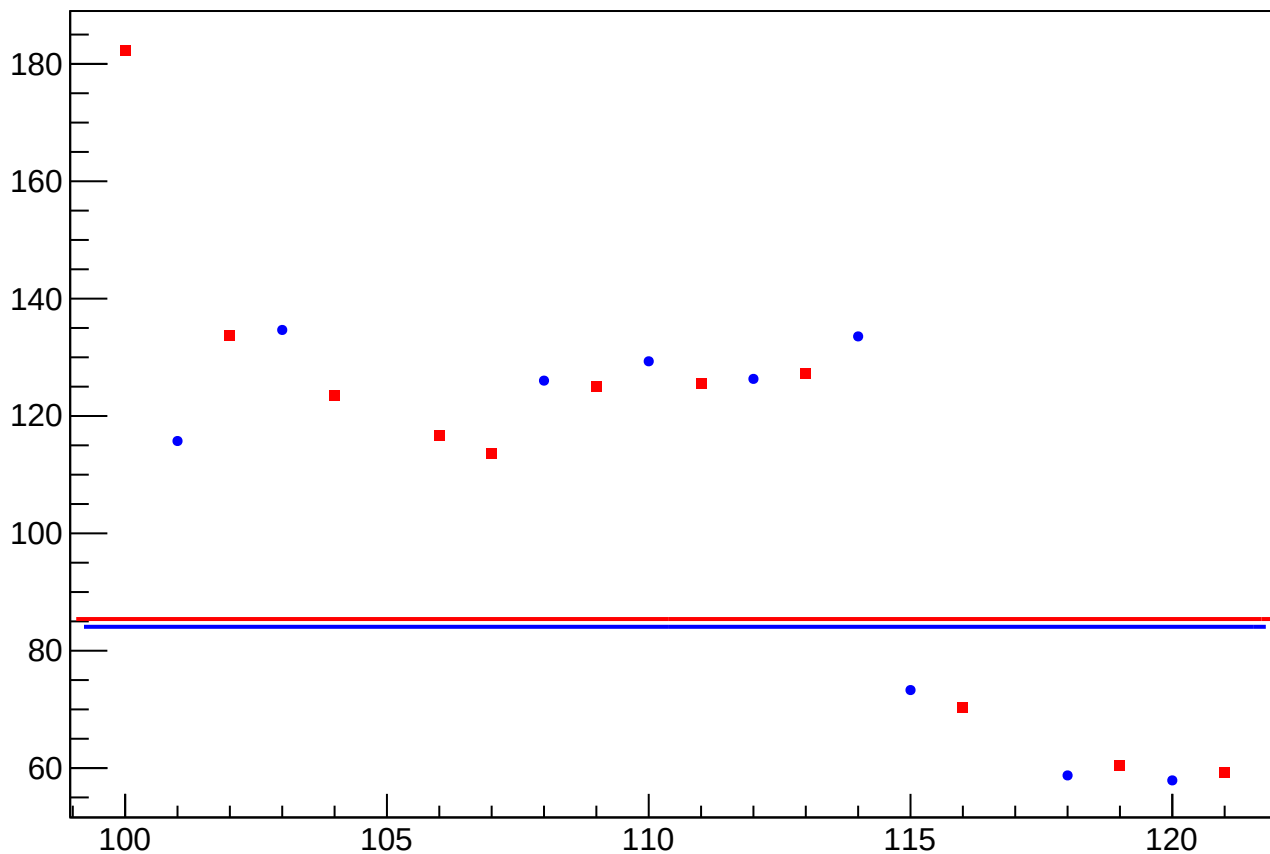
Right: 72.844 $\pm$ 31.876 χ^2 /NDF: 24.9/19

In: 54.846 $\pm$ 47.215 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.844 $\pm$ 31.876 χ^2 /NDF: 24.9/19

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.400+/-0.031 χ^2/NDF : 1065334.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

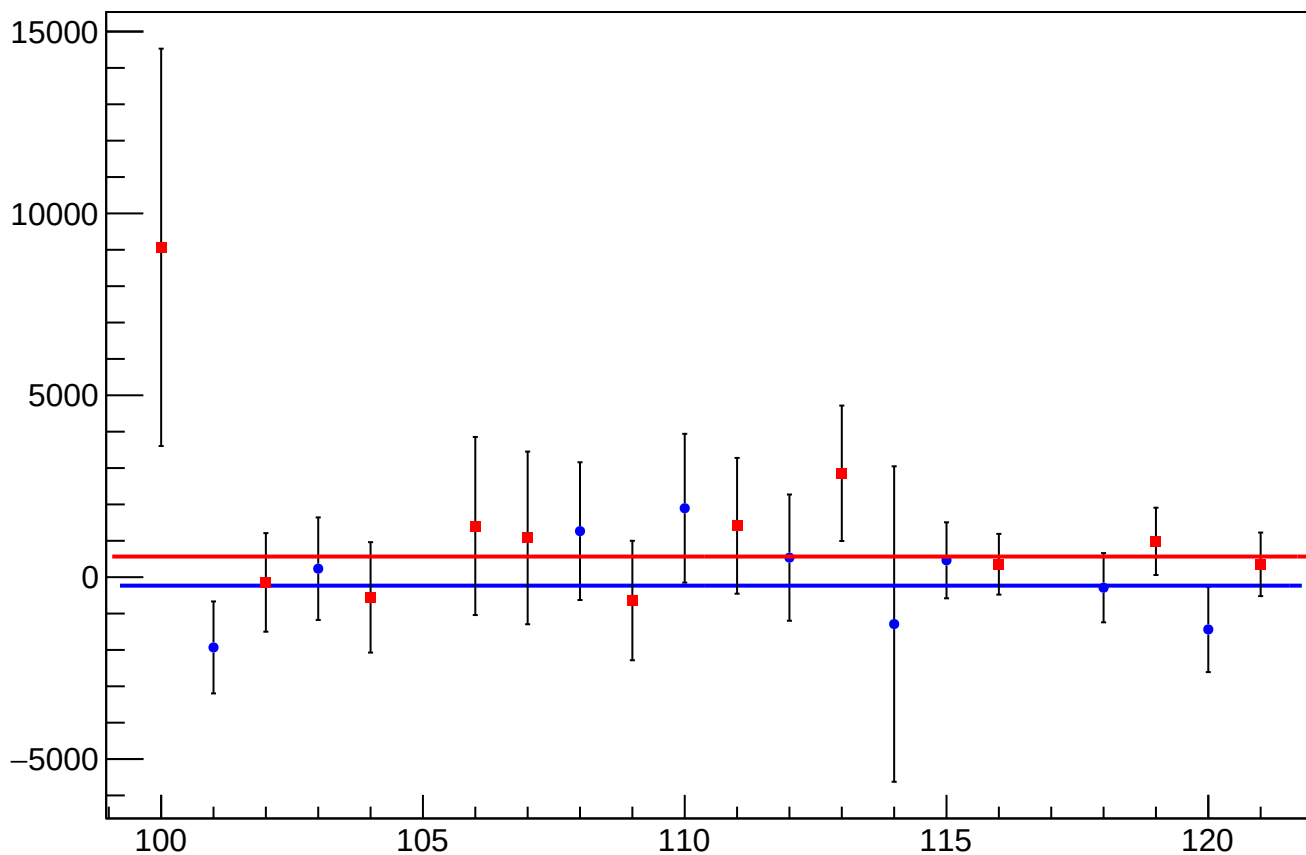
Right: 84.797+/-0.023 χ^2/NDF : 1996202.8/19

In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.797+/-0.023 χ^2/NDF : 1996202.8/19

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.059+/-401.072 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

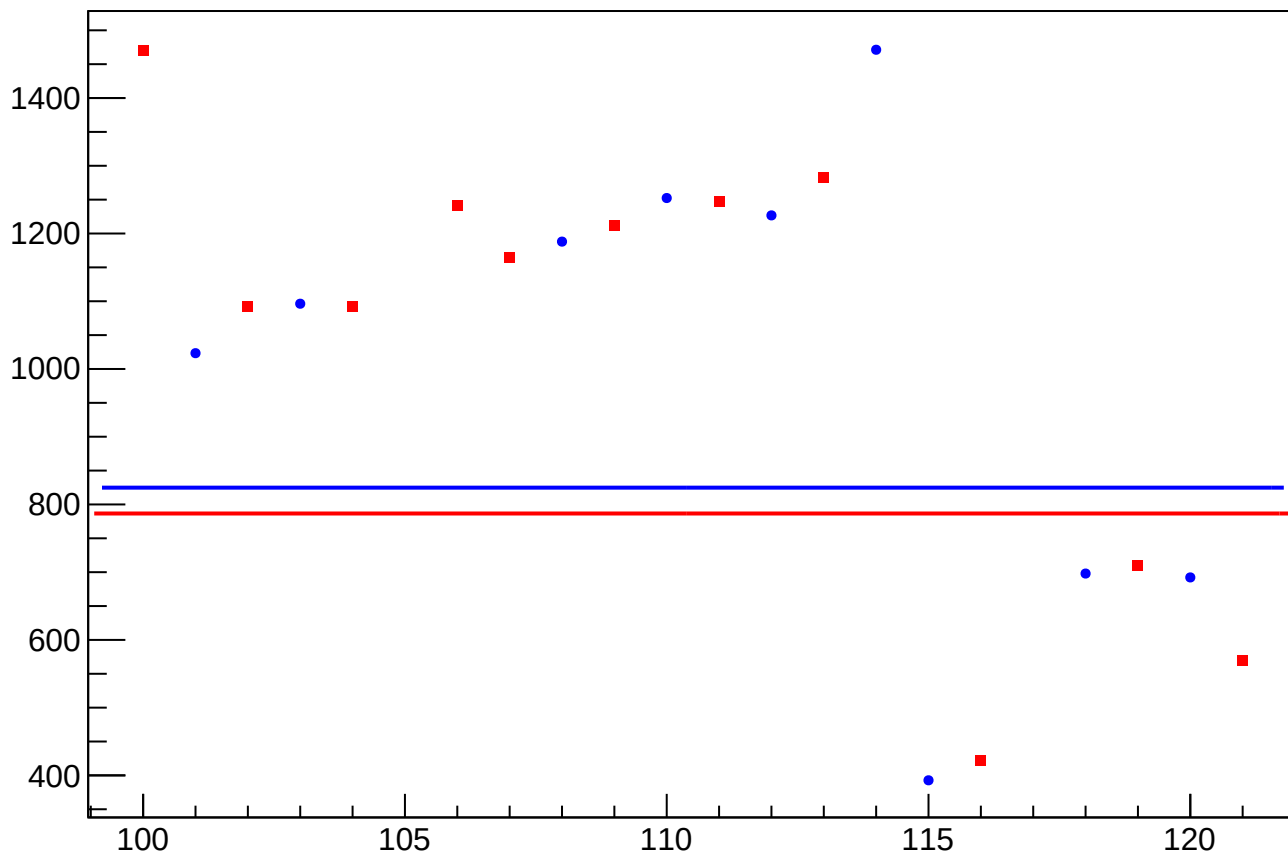
Right: 219.386+/-301.575 χ^2/NDF : 13.1/19

In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.386+/-301.575 χ^2/NDF : 13.1/19

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 824.801+/-0.323 χ^2/NDF : 839453.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.638+/-0.284 χ^2/NDF : 1250484.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

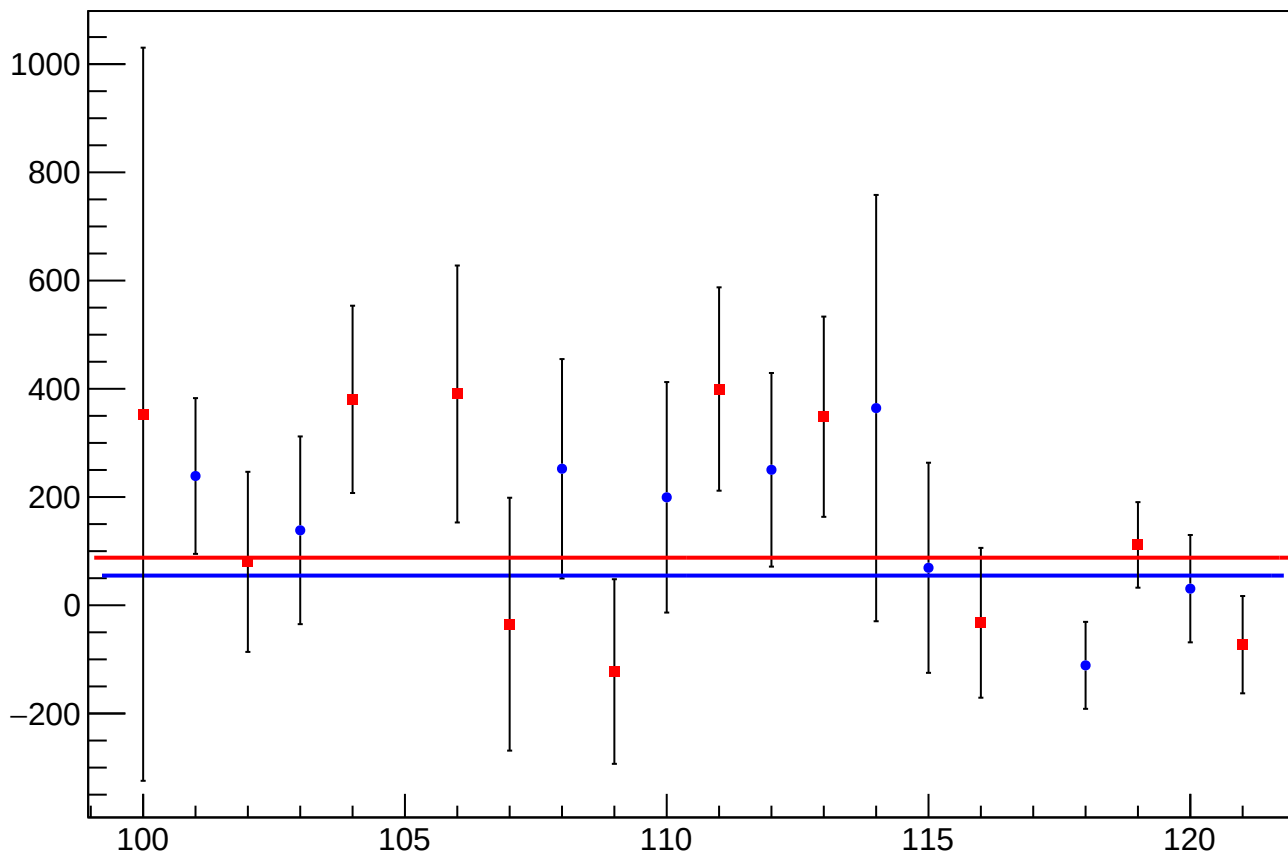
Right: 803.224+/-0.213 χ^2/NDF : 2097808.0/19

In: 824.801+/-0.323 χ^2/NDF : 839453.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 803.224+/-0.213 χ^2/NDF : 2097808.0/19

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 54.846+/-47.215 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.919+/-43.210 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

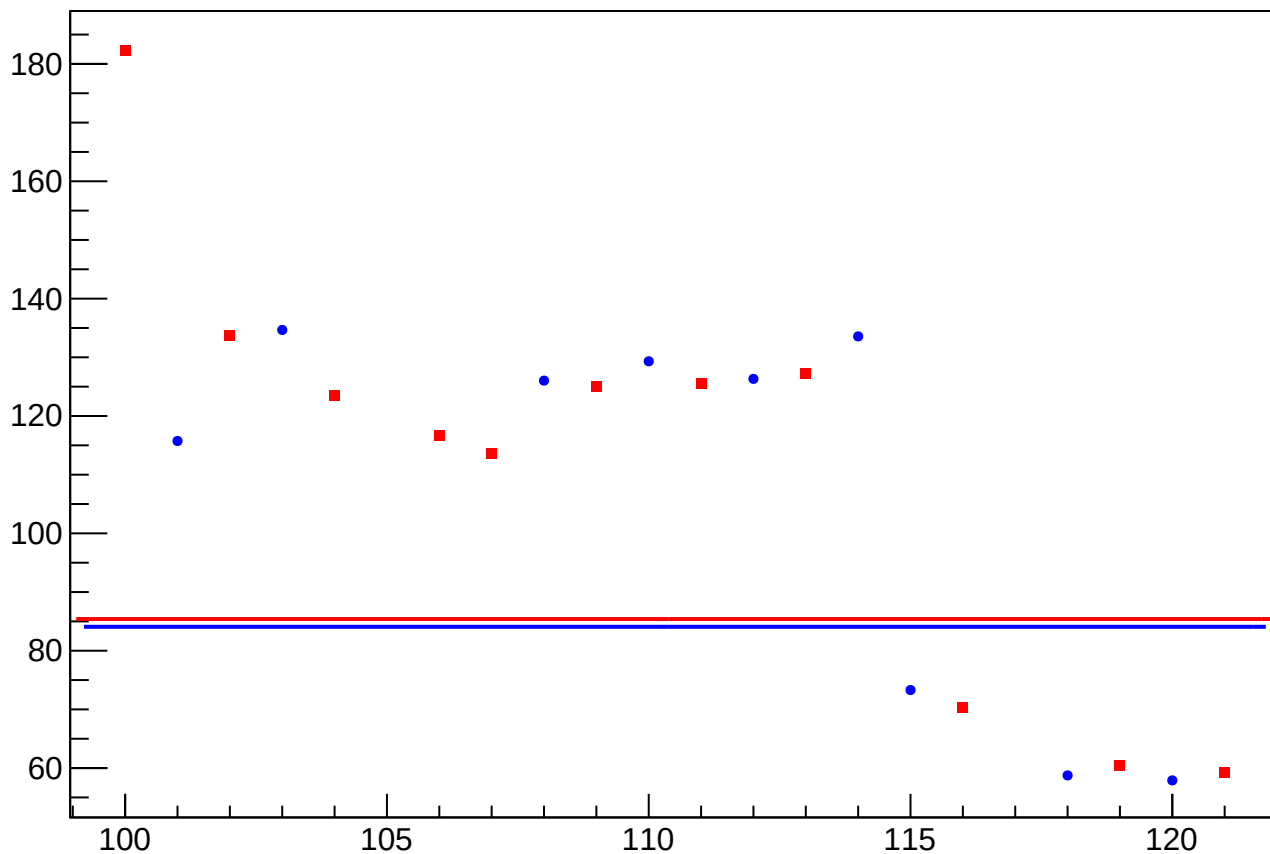
Right: 72.844+/-31.876 χ^2/NDF : 24.9/19

In: 54.846+/-47.215 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.844+/-31.876 χ^2/NDF : 24.9/19

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.400+/-0.031 χ^2/NDF : 1065334.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

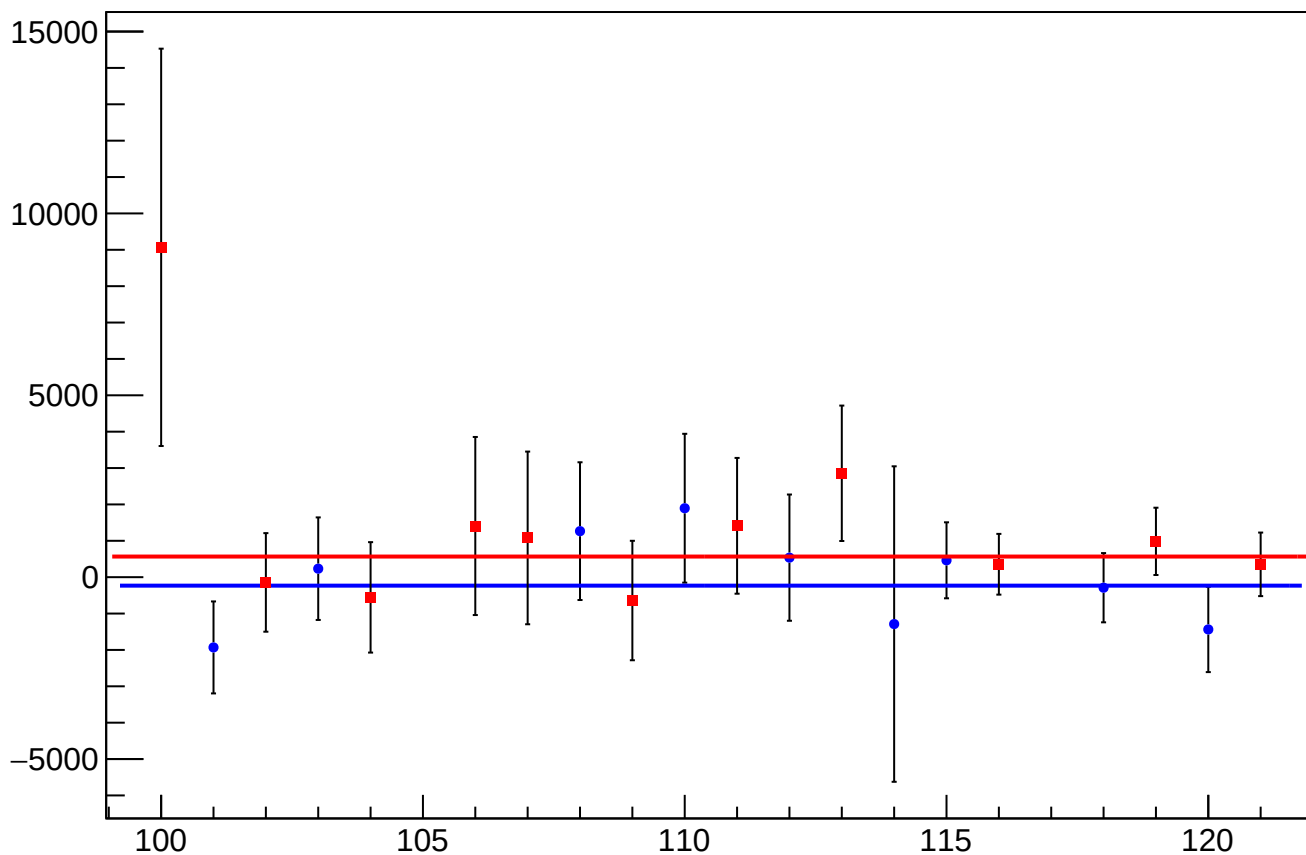
Right: 84.797+/-0.023 χ^2/NDF : 1996202.8/19

In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.797+/-0.023 χ^2/NDF : 1996202.8/19

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.059+/-401.072 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

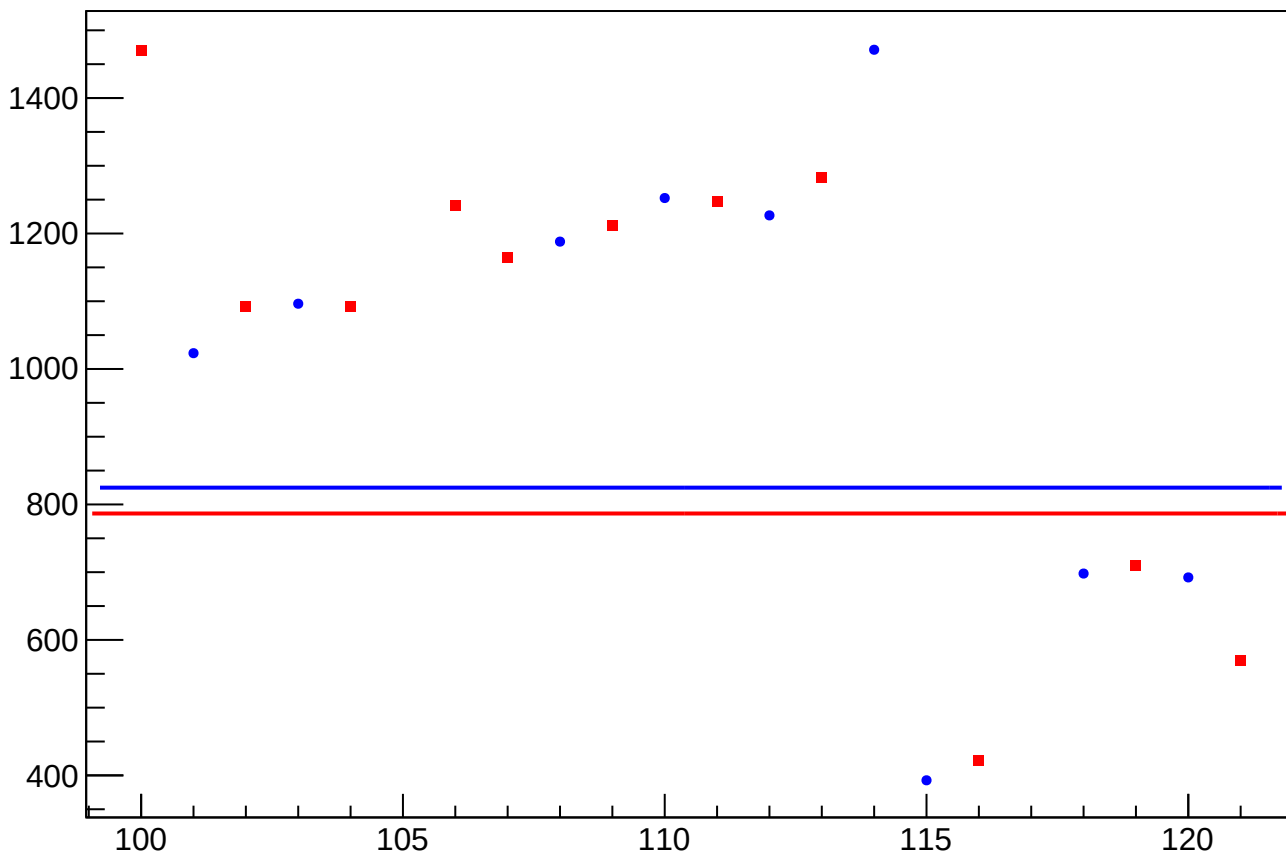
Right: 219.386+/-301.575 χ^2/NDF : 13.1/19

In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.386+/-301.575 χ^2/NDF : 13.1/19

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 824.801+/-0.323 χ^2/NDF : 839453.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.638+/-0.284 χ^2/NDF : 1250484.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

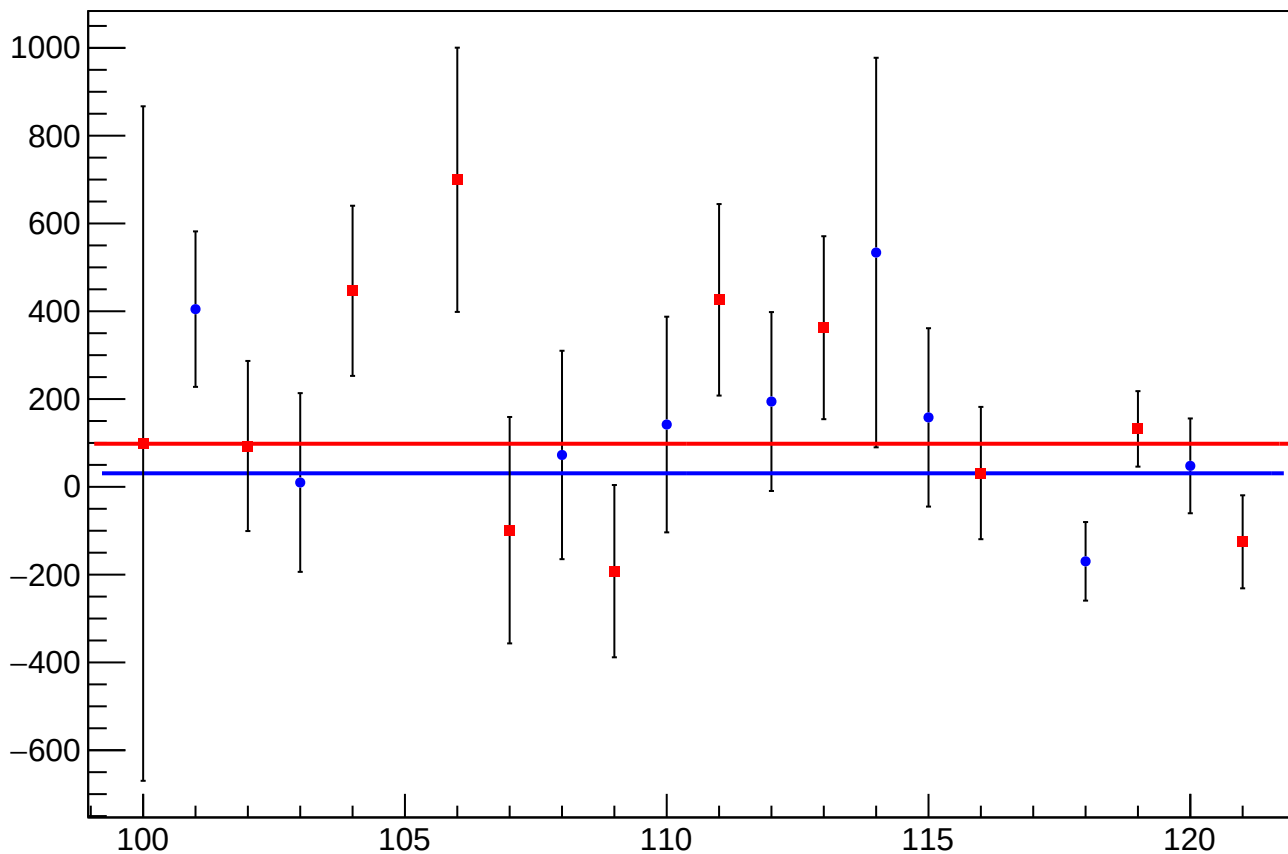
Right: 803.224+/-0.213 χ^2/NDF : 2097808.0/19

In: 824.801+/-0.323 χ^2/NDF : 839453.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 803.224+/-0.213 χ^2/NDF : 2097808.0/19

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 30.856+/-53.130 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.187+/-48.836 χ^2/NDF : 18.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

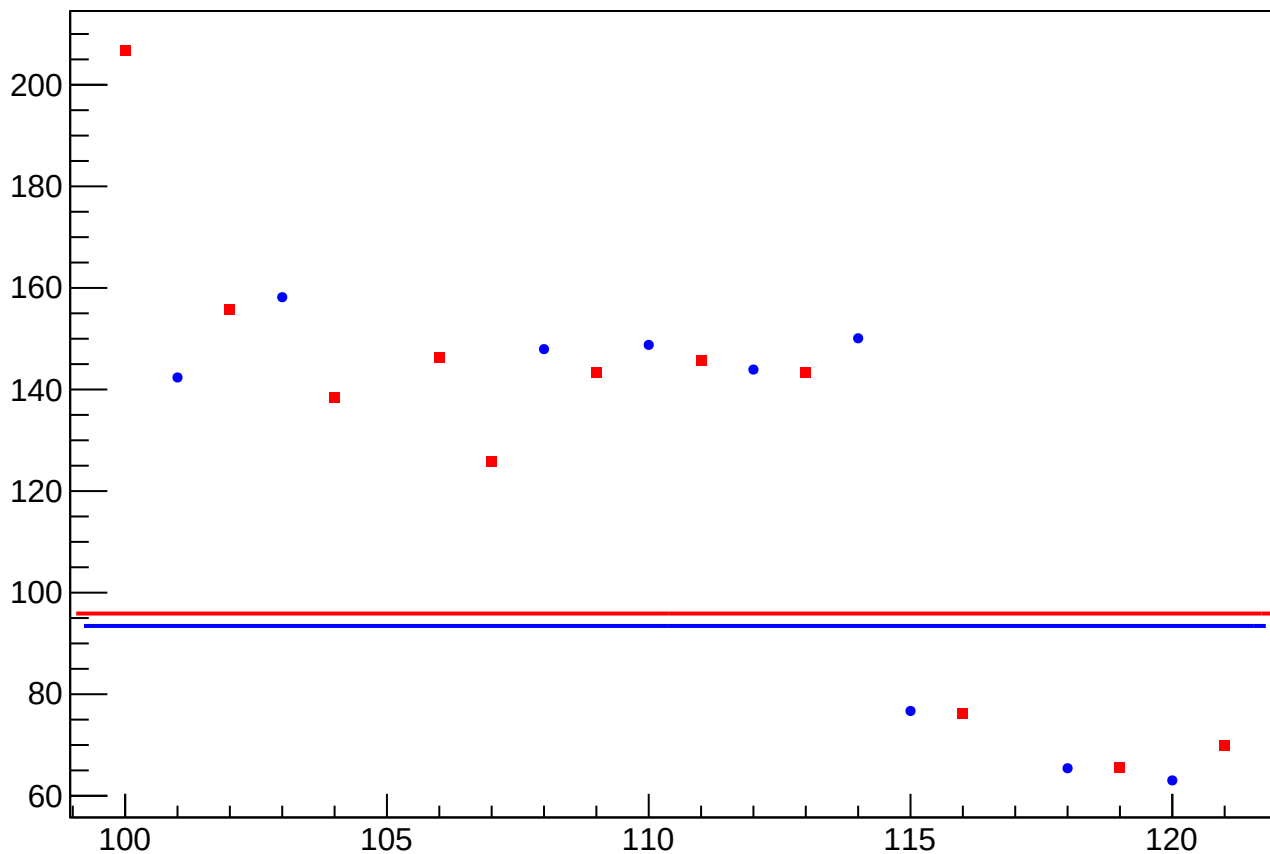
Right: 67.351+/-35.955 χ^2/NDF : 31.6/19

In: 30.856+/-53.130 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.351+/-35.955 χ^2/NDF : 31.6/19

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 93.442 $\pm$ 0.038 χ^2 /NDF: 1085260.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.889 $\pm$ 0.035 χ^2 /NDF: 1140258.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

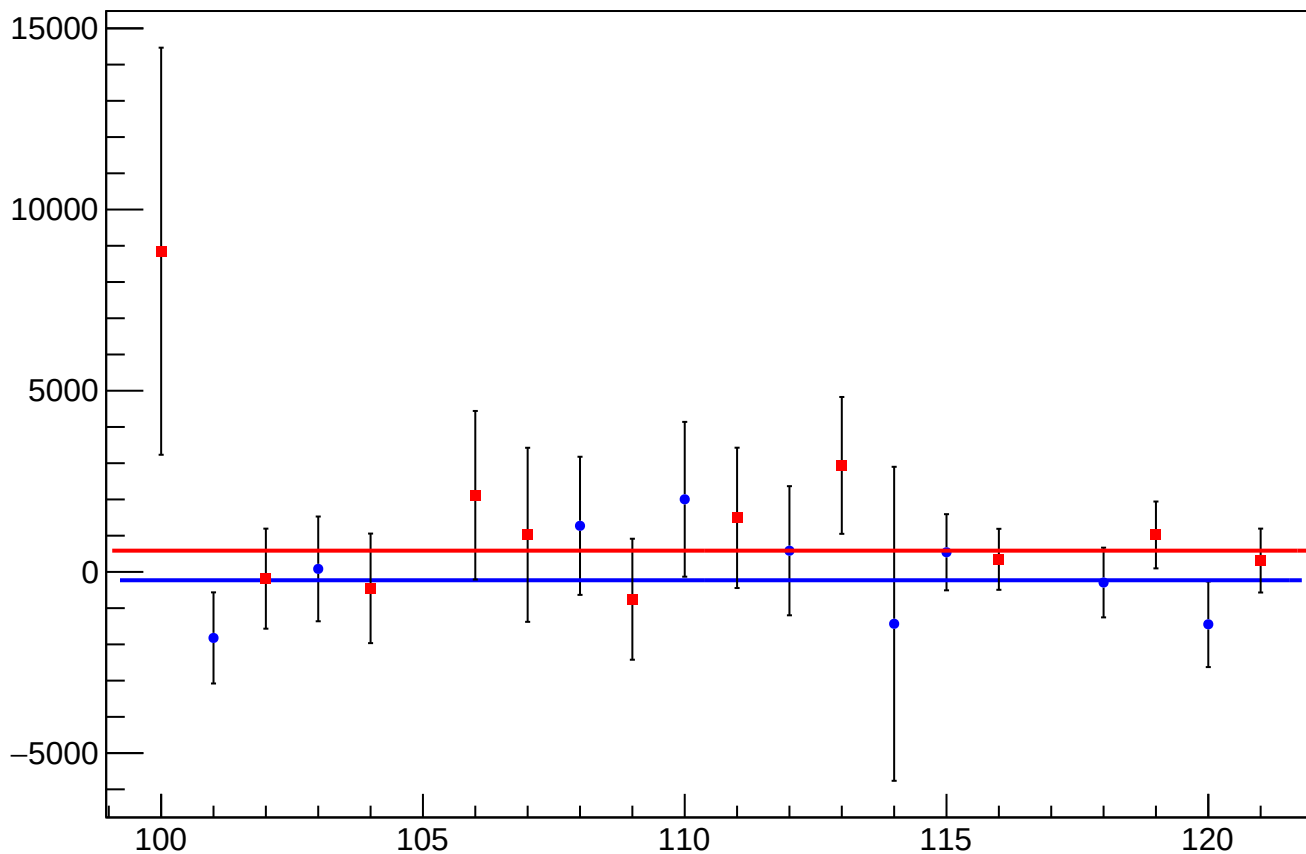
Right: 94.768 $\pm$ 0.025 χ^2 /NDF: 2227818.4/19

In: 93.442 $\pm$ 0.038 χ^2 /NDF:1085260.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.768 $\pm$ 0.025 χ^2 /NDF: 2227818.4/19

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -230.165+/-462.381 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.655+/-403.816 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

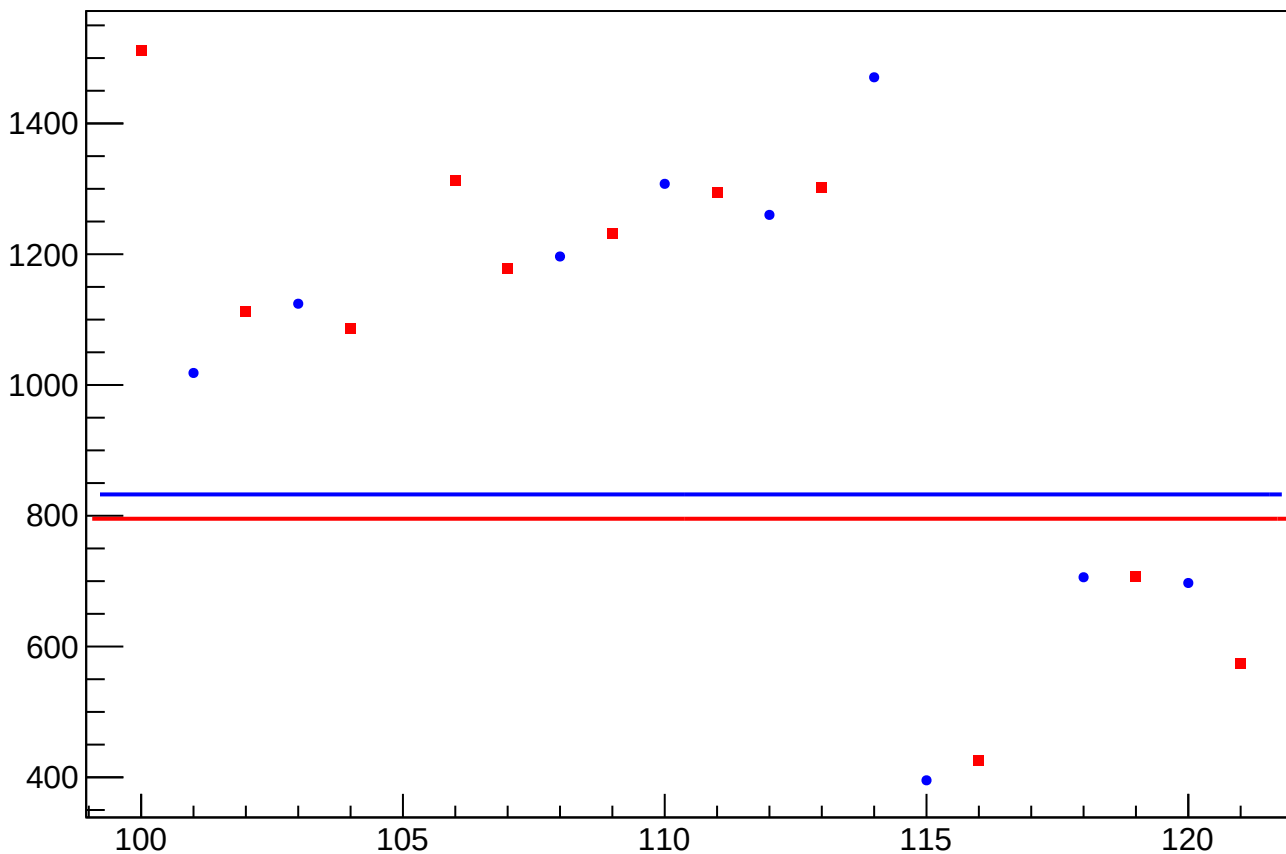
Right: 233.220+/-304.153 χ^2/NDF : 13.3/19

In: -230.165+/-462.381 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.220+/-304.153 χ^2/NDF : 13.3/19

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 832.635+/-0.327 χ^2/NDF : 862690.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 795.428+/-0.286 χ^2/NDF : 1306534.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

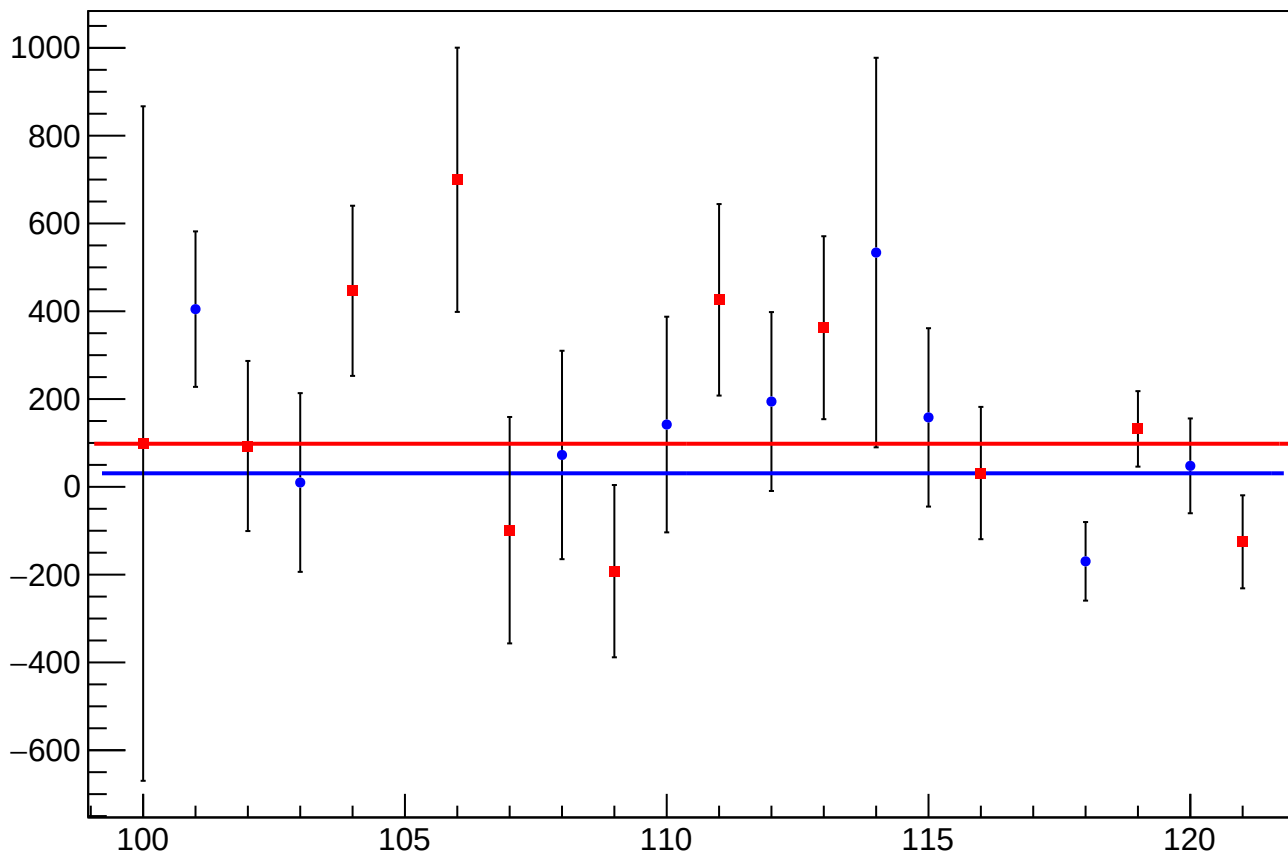
Right: 811.527+/-0.215 χ^2/NDF : 2176571.0/19

In: 832.635+/-0.327 χ^2/NDF : 862690.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.527+/-0.215 χ^2/NDF : 2176571.0/19

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 30.858+/-53.130 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.186+/-48.836 χ^2/NDF : 18.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

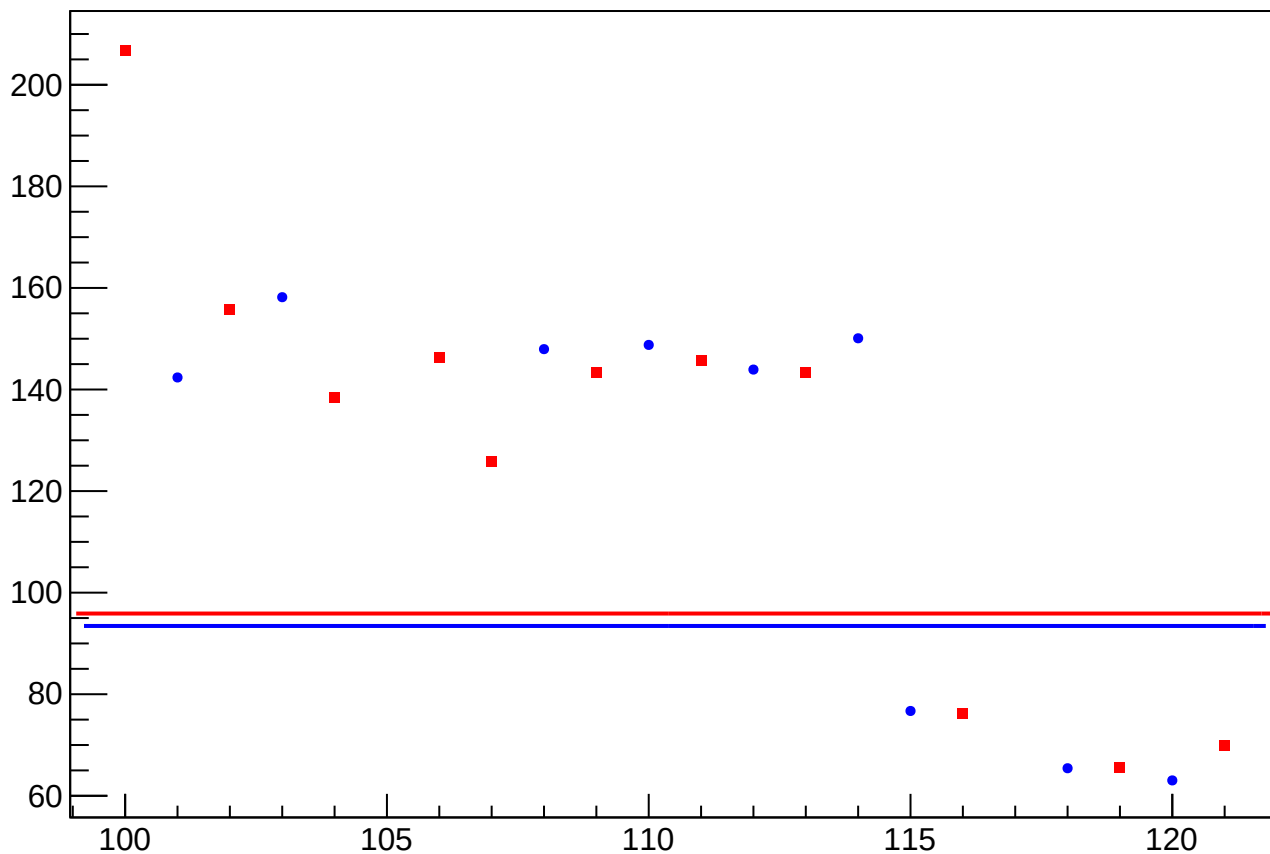
Right: 67.352+/-35.954 χ^2/NDF : 31.6/19

In: 30.858+/-53.130 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.352+/-35.954 χ^2/NDF : 31.6/19

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 93.442+/-0.038 χ^2/NDF : 1085249.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.889+/-0.035 χ^2/NDF : 1140247.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

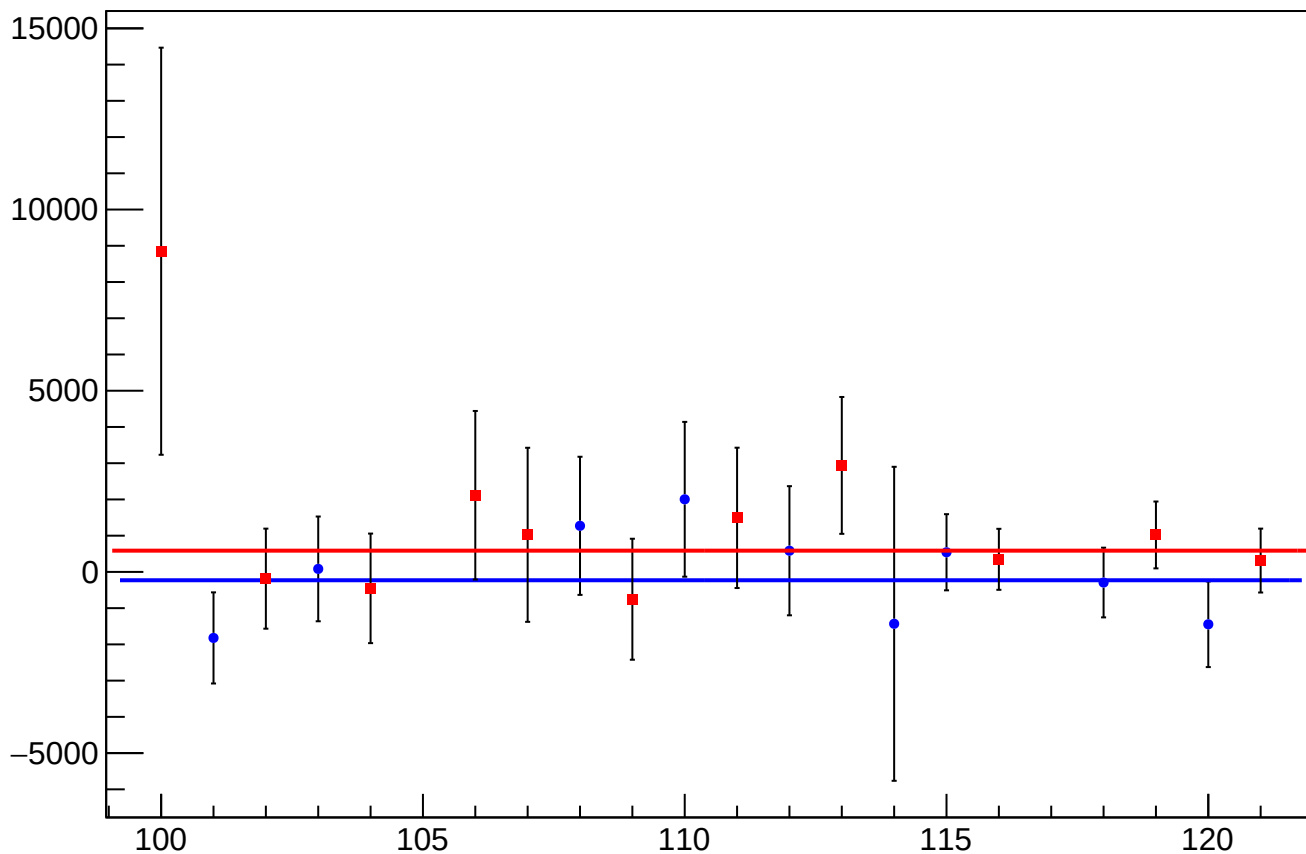
Right: 94.768+/-0.025 χ^2/NDF : 2227796.8/19

In: 93.442+/-0.038 χ^2/NDF : 1085249.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.768+/-0.025 χ^2/NDF : 2227796.8/19

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -230.164+/-462.380 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.655+/-403.816 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

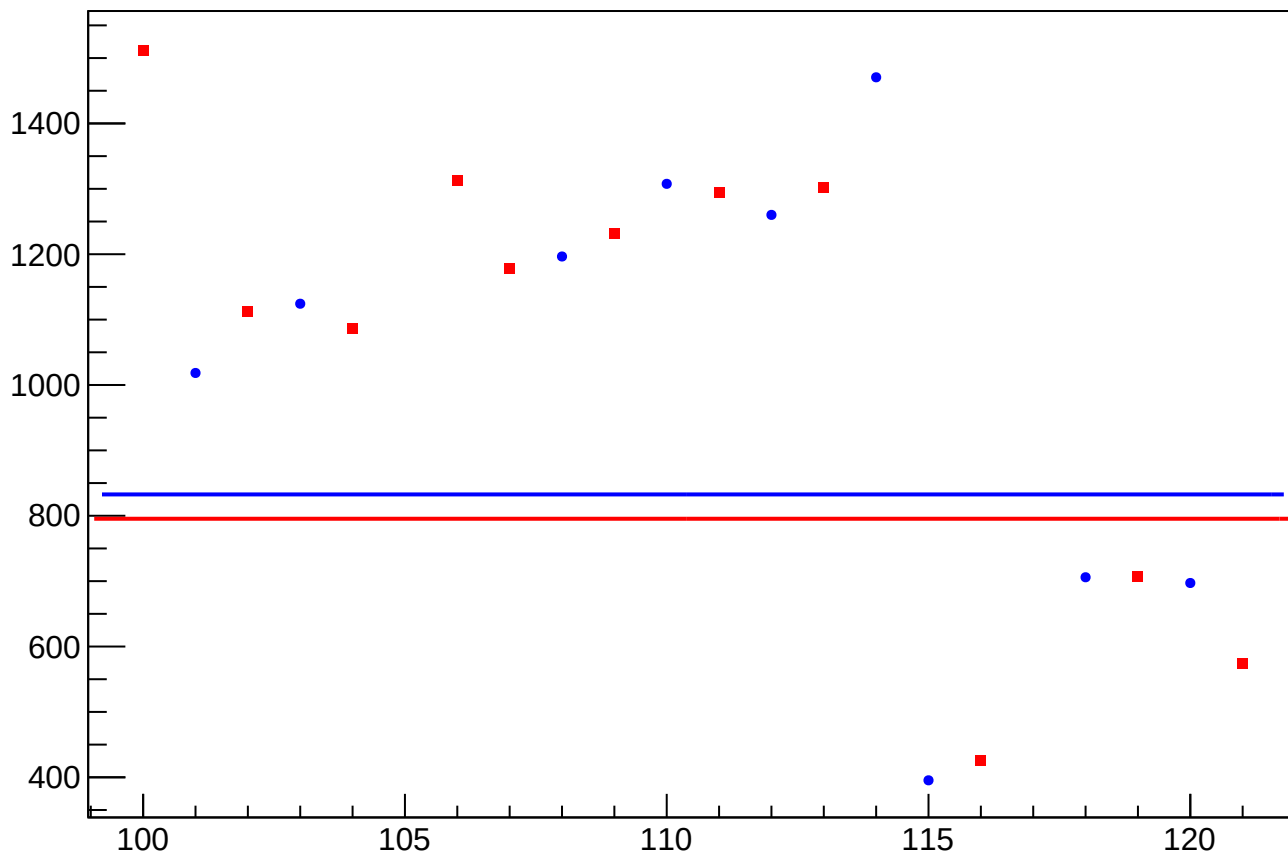
Right: 233.220+/-304.152 χ^2/NDF : 13.3/19

In: -230.164+/-462.380 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.220+/-304.152 χ^2/NDF : 13.3/19

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 832.634+/-0.327 χ^2/NDF : 862678.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 795.428+/-0.286 χ^2/NDF : 1306520.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

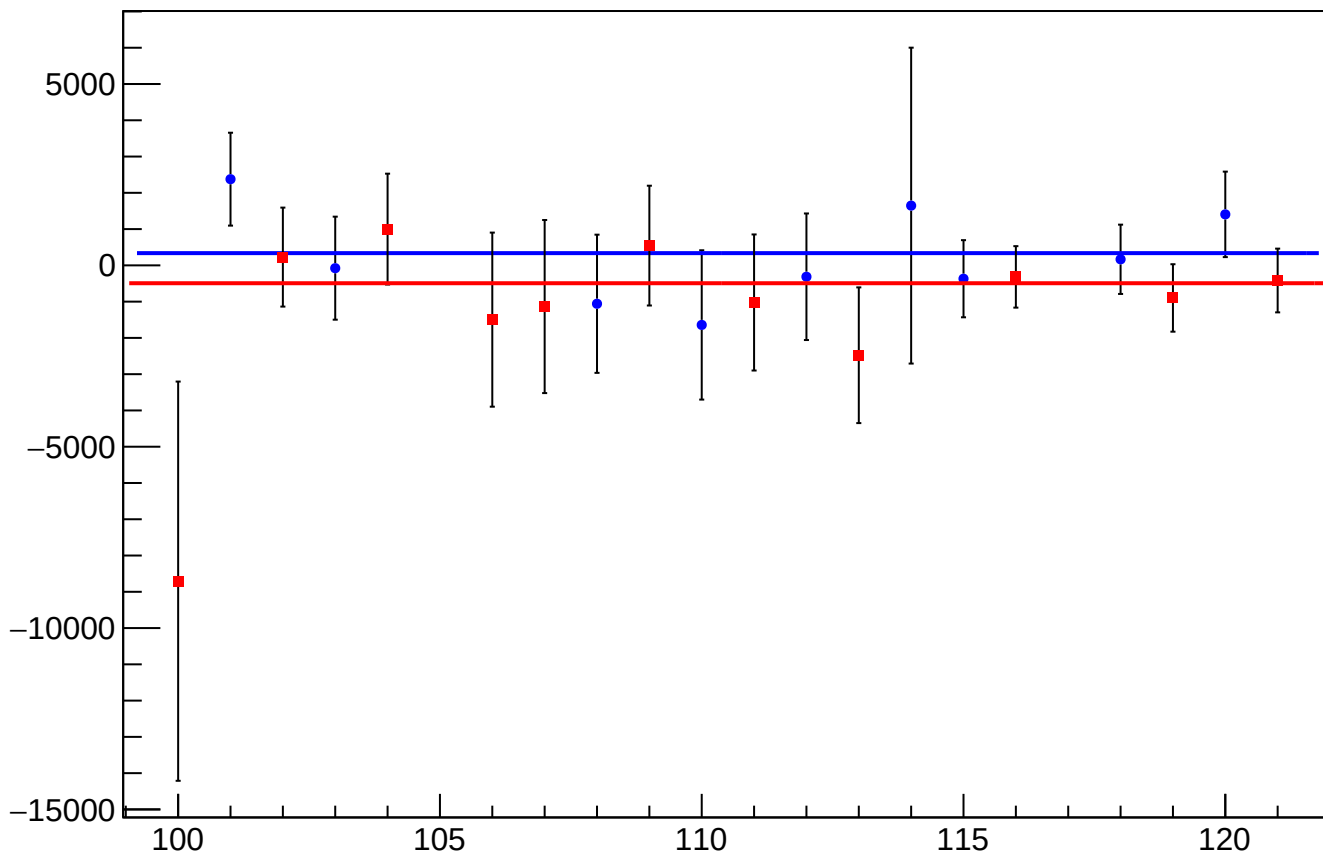
Right: 811.527+/-0.215 χ^2/NDF : 2176545.2/19

In: 832.634+/-0.327 χ^2/NDF : 862678.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.527+/-0.215 χ^2/NDF : 2176545.2/19

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 337.318+/-461.355 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.419+/-403.952 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

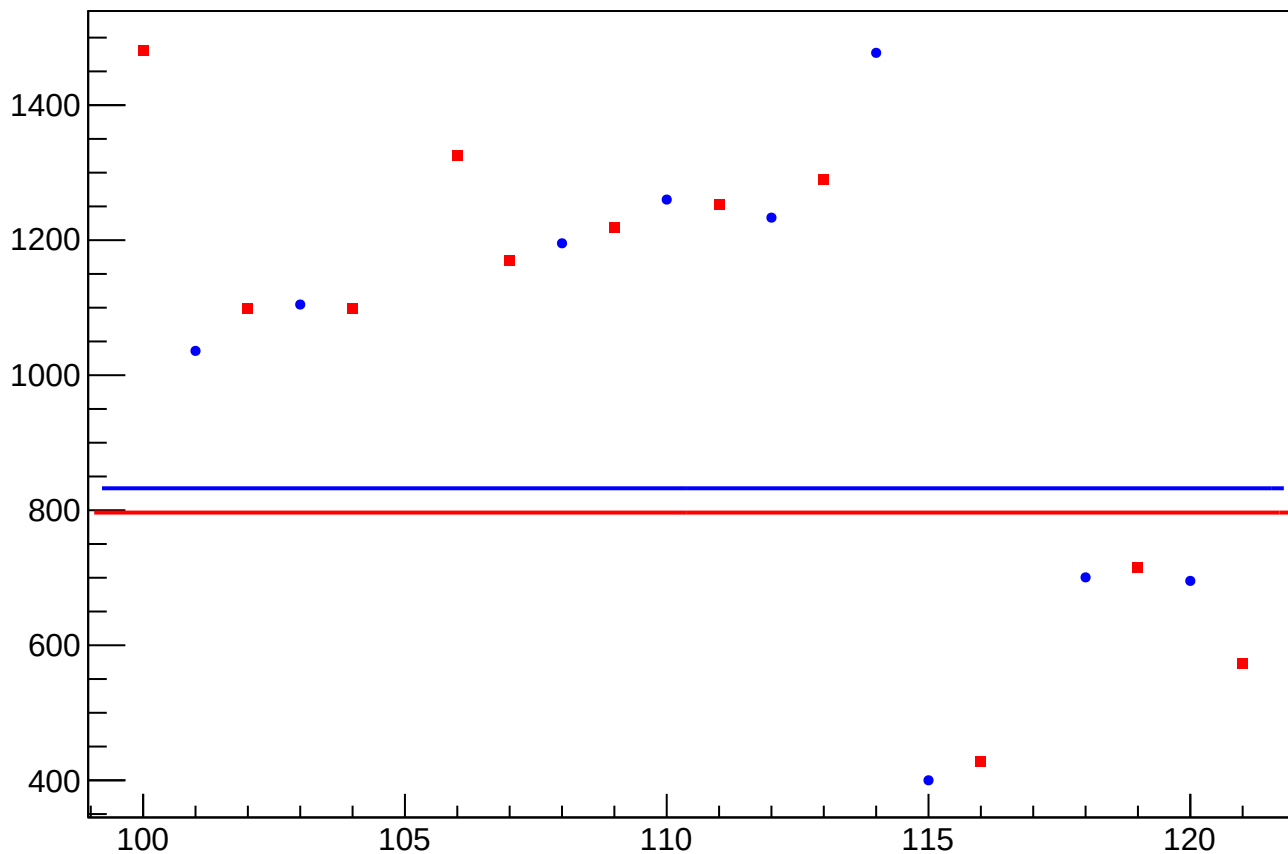
Right: -132.352+/-303.918 χ^2/NDF : 13.0/19

In: 337.318+/-461.355 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.352+/-303.918 χ^2/NDF : 13.0/19

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 832.510+/-0.326 χ^2/NDF : 828238.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 796.541+/-0.286 χ^2/NDF : 1265531.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

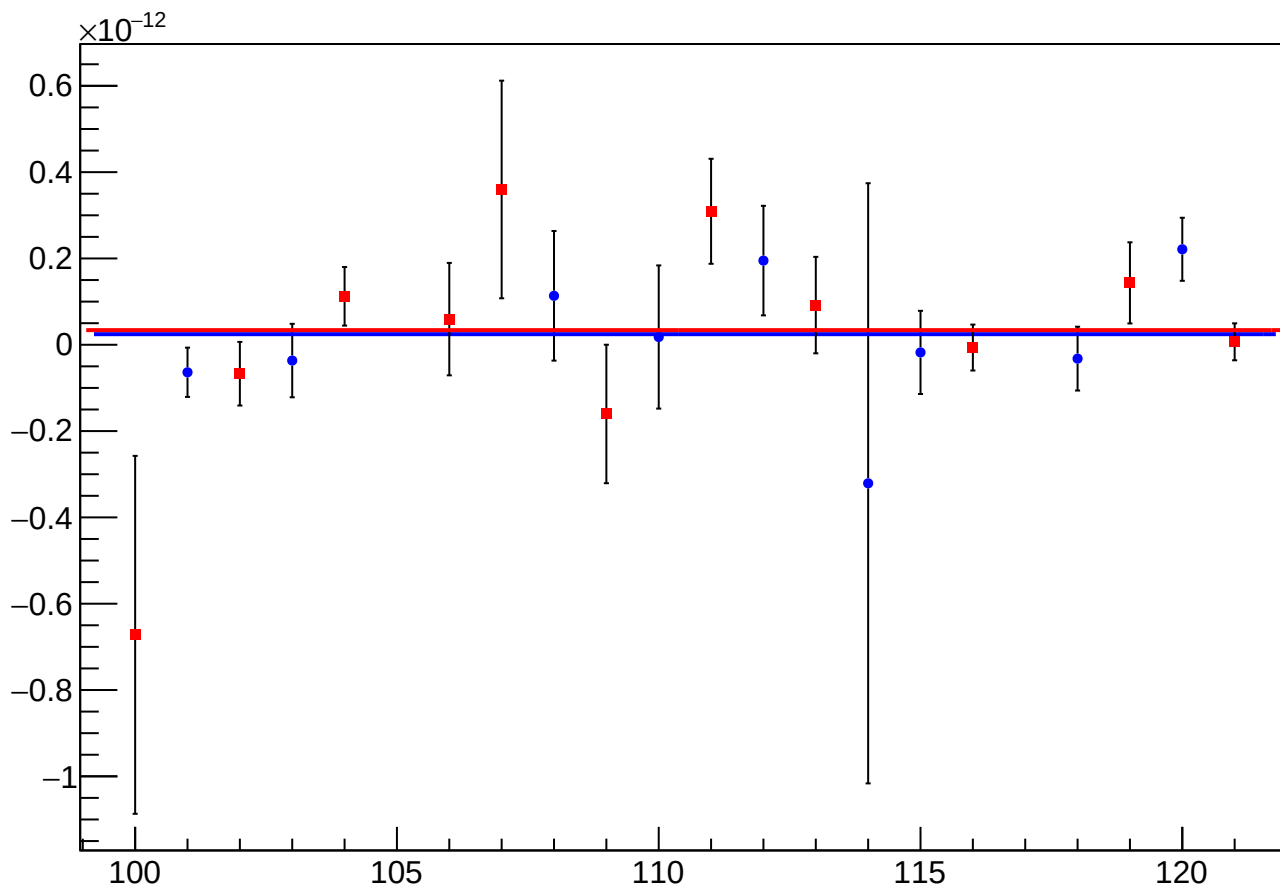
Right: 812.149+/-0.215 χ^2/NDF : 2100652.1/19

In: 832.510+/-0.326 χ^2/NDF : 828238.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.149+/-0.215 χ^2/NDF : 2100652.1/19

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

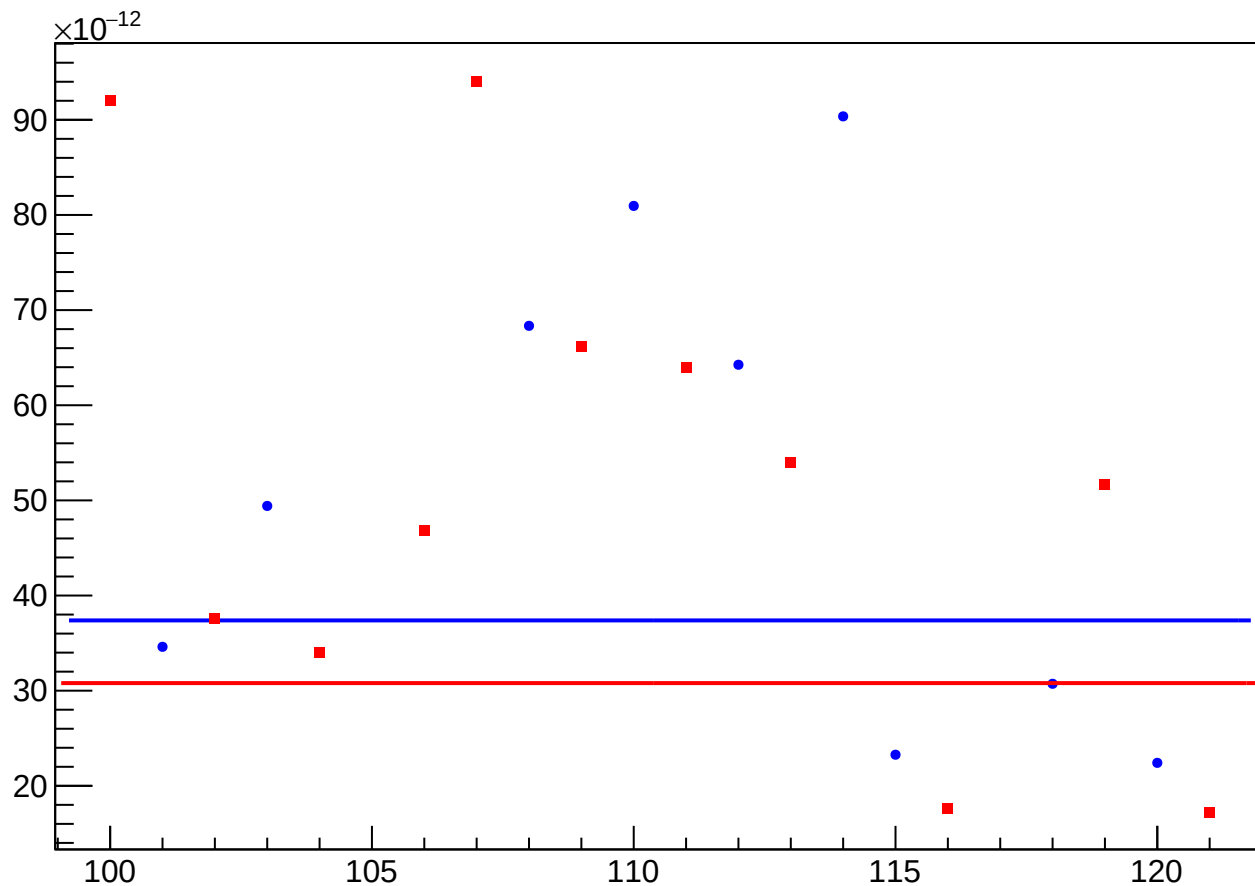
Right: 0.000+/-0.000 χ^2/NDF : 30.4/19

In: 0.000+/-0.000 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.4/19

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 512024.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 976892.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

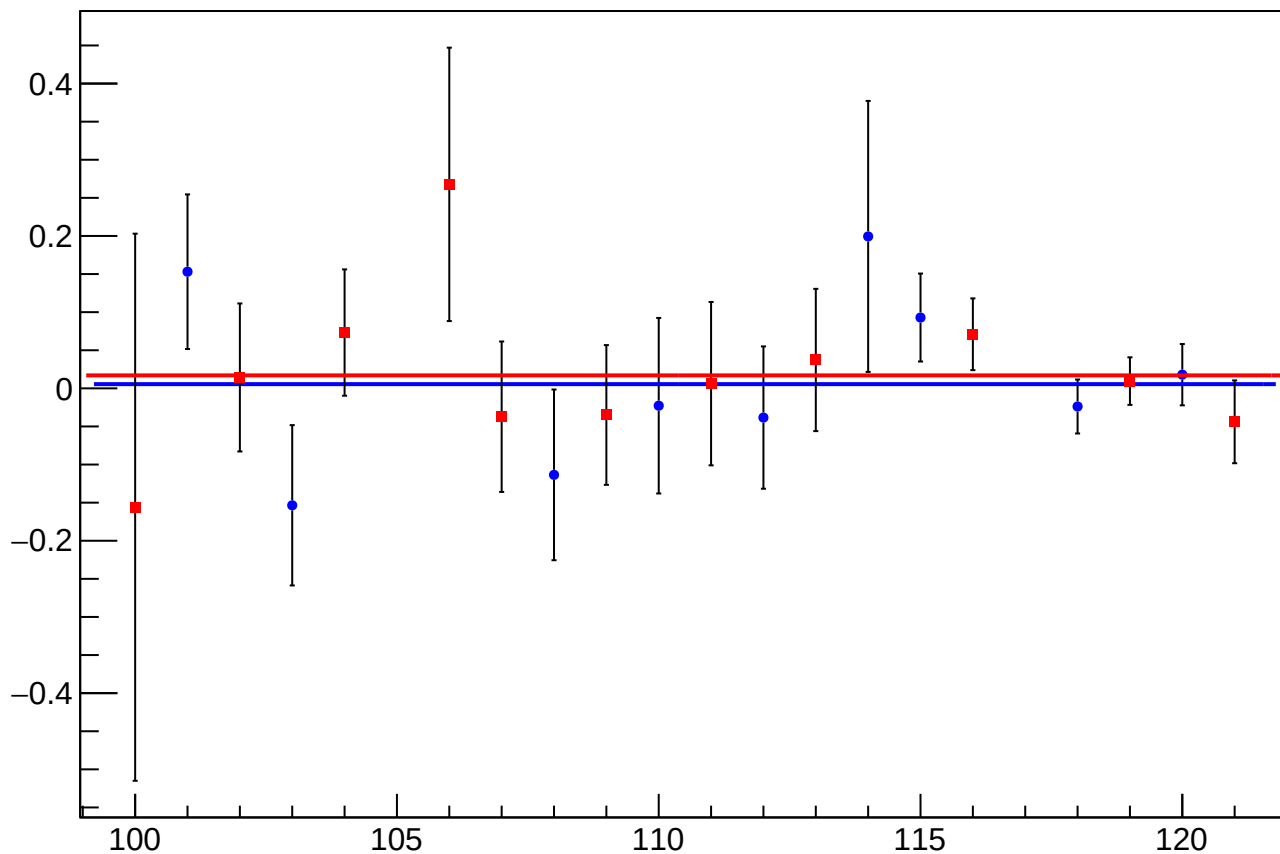
Right: 0.000+/-0.000 χ^2/NDF : 1545583.9/19

In: 0.000+/-0.000 χ^2/NDF : 512024.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1545583.9/19

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

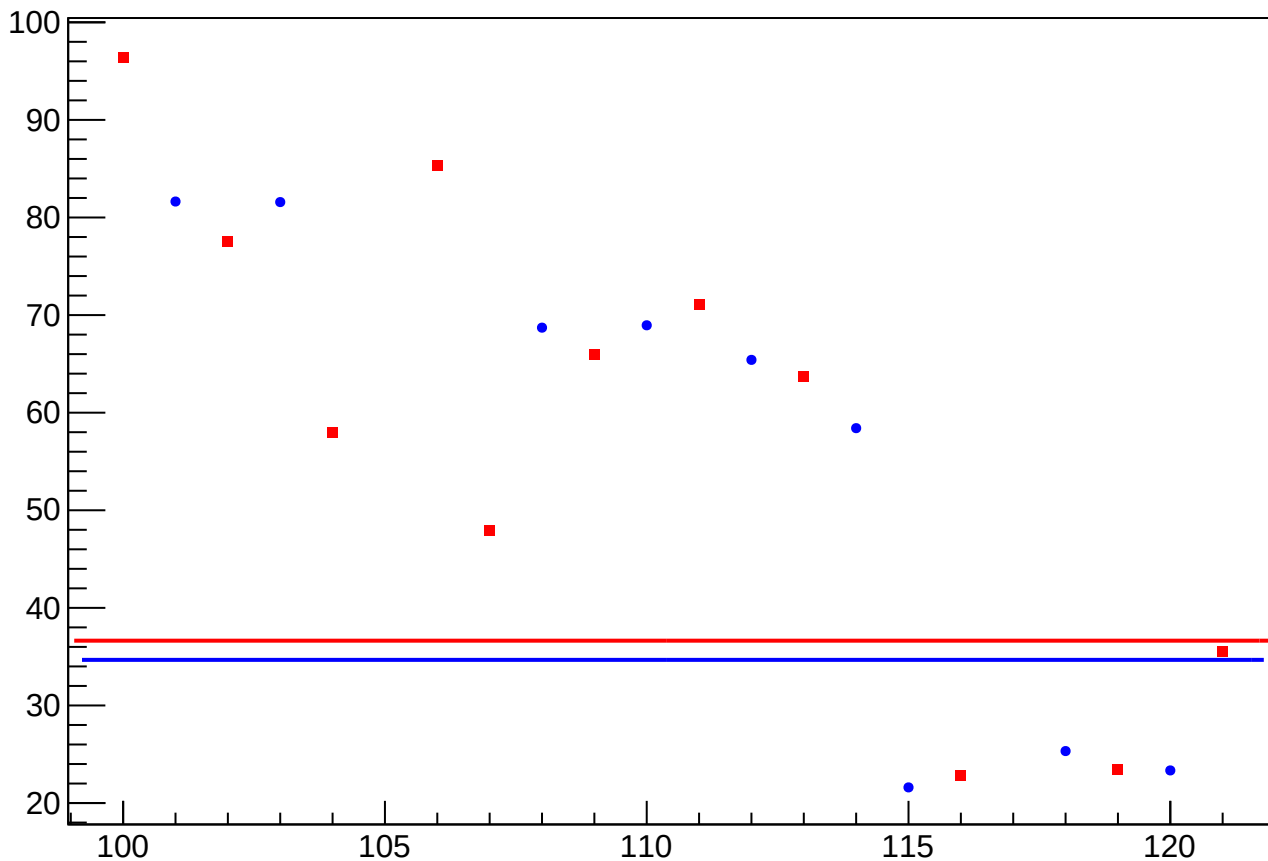
Right: 0.012+/-0.015 χ^2/NDF : 16.2/19

In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.015 χ^2/NDF : 16.2/19

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672 $\pm$ 0.015 χ^2 /NDF: 1840854.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.639 $\pm$ 0.014 χ^2 /NDF: 1825427.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

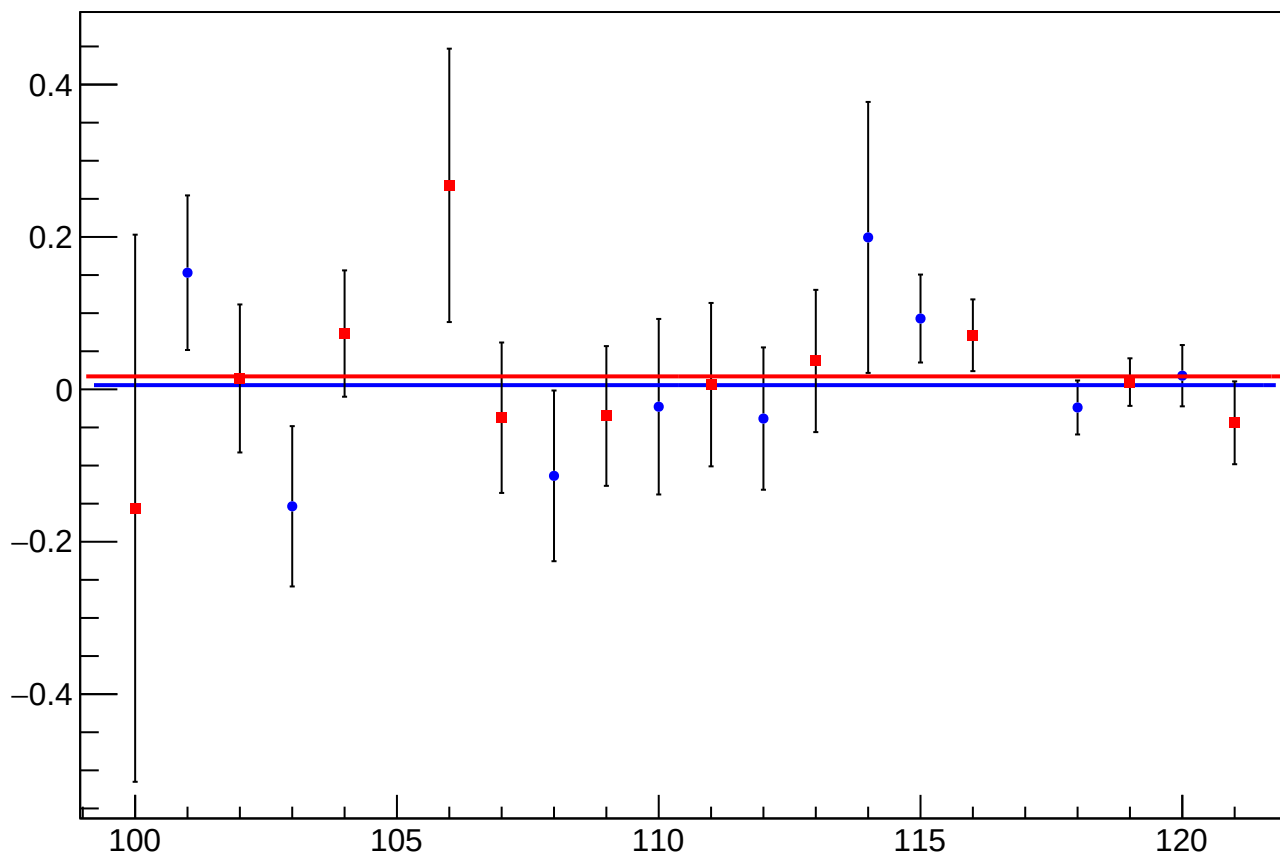
Right: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675395.7/19

In: 34.672 $\pm$ 0.015 χ^2 /NDF: 1840854.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675395.7/19

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

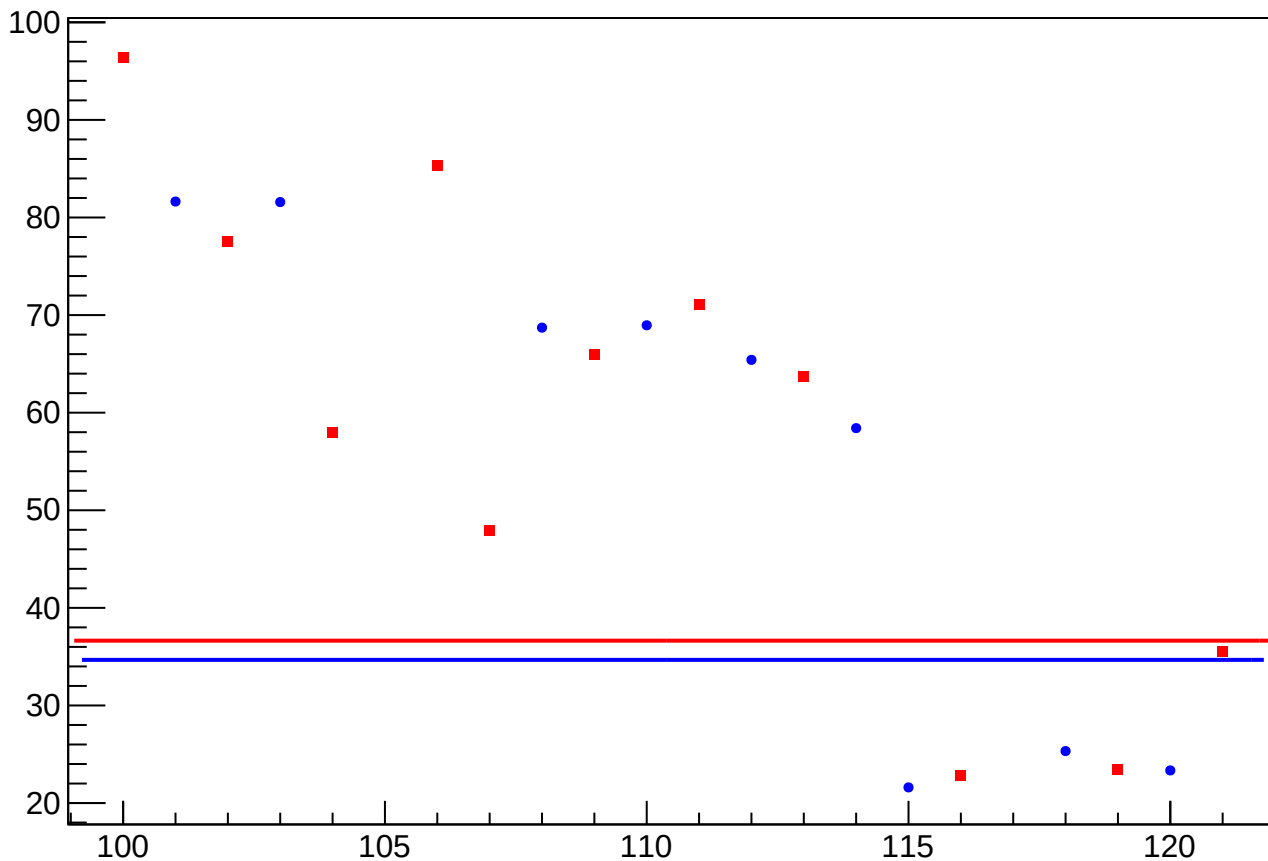
Right: 0.012+/-0.015 χ^2/NDF : 16.2/19

In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.015 χ^2/NDF : 16.2/19

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672 $\pm$ 0.015 χ^2 /NDF: 1840854.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.639 $\pm$ 0.014 χ^2 /NDF: 1825427.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

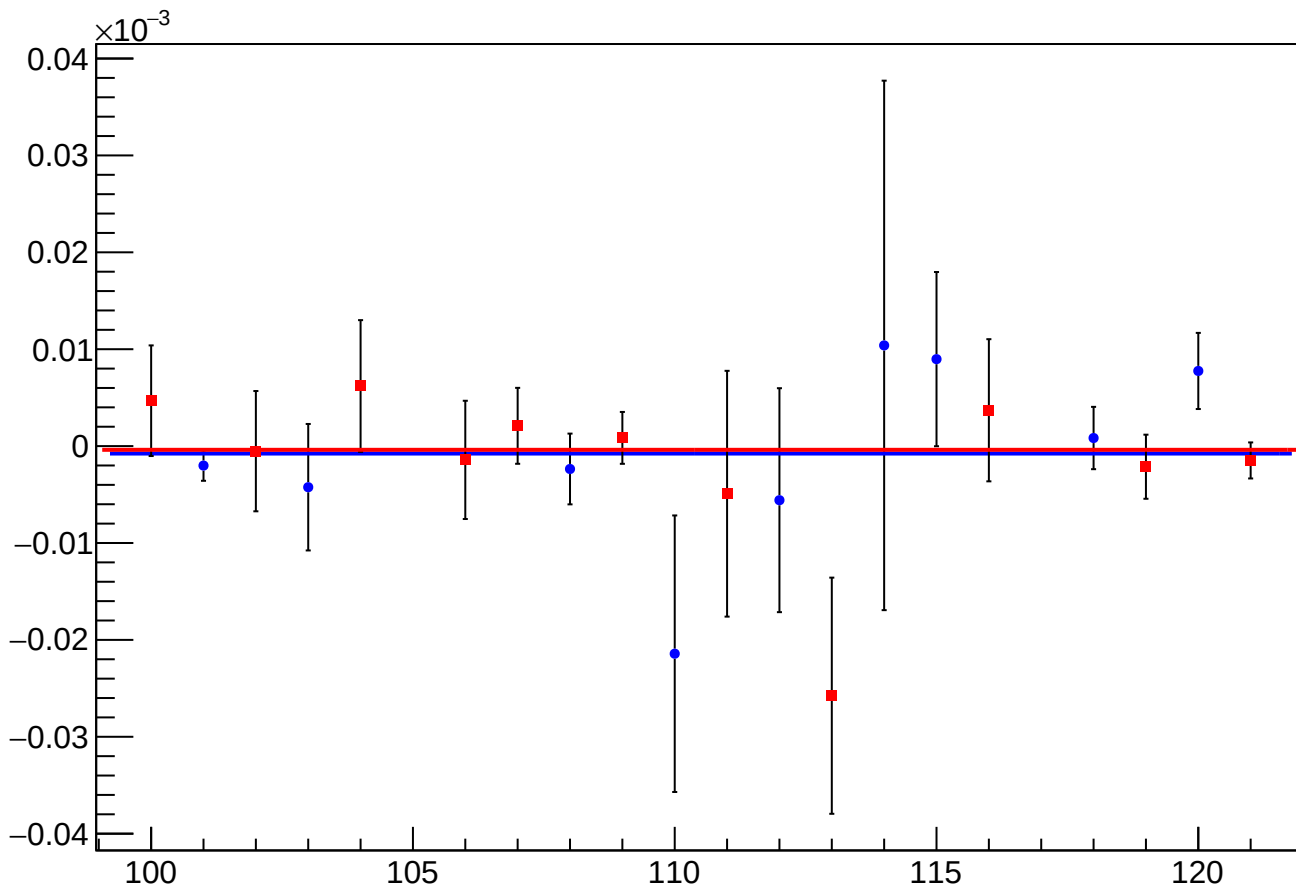
Right: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675395.7/19

In: 34.672 $\pm$ 0.015 χ^2 /NDF:1840854.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675395.7/19

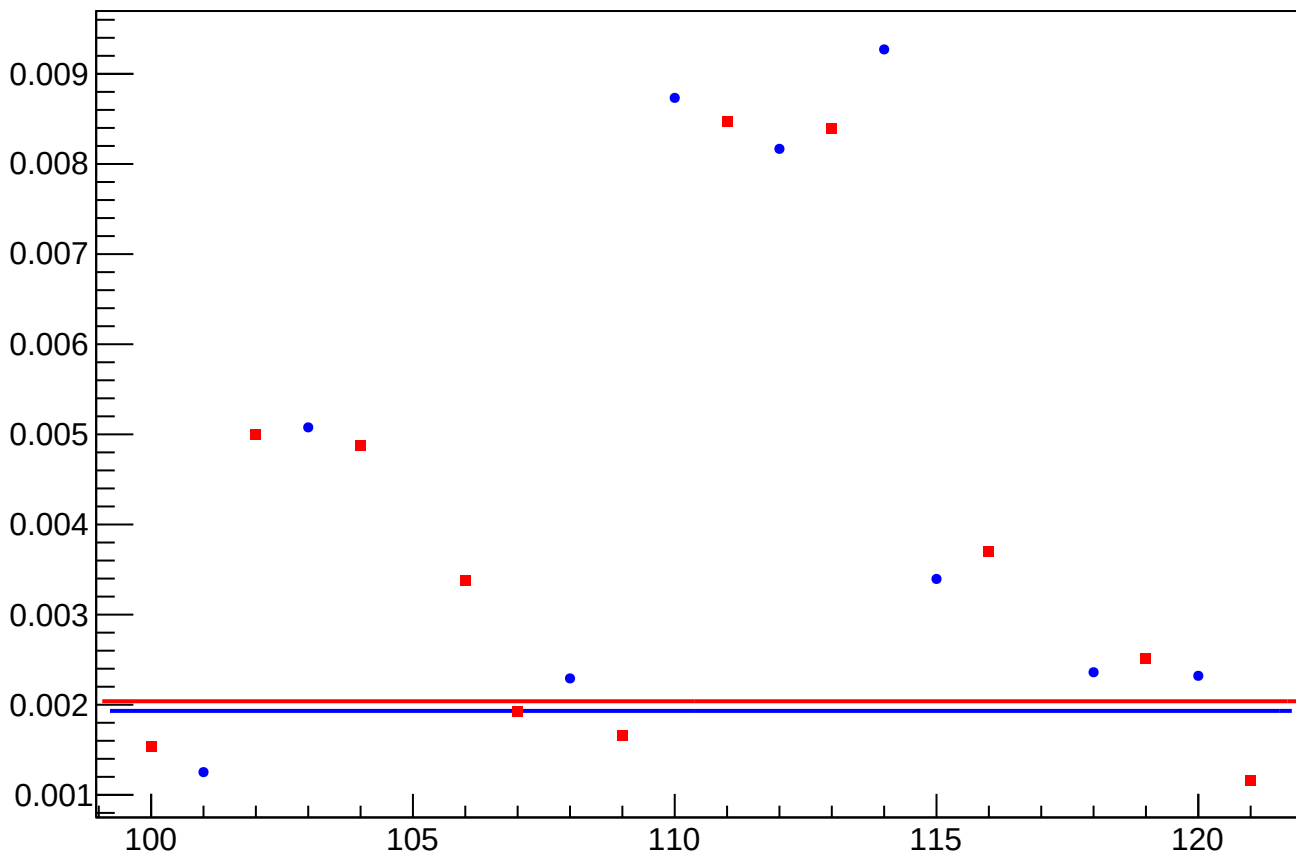
asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 17.5/19
 In: -0.000+/-0.000 χ^2/NDF : 9.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 17.5/19

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2147749.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2609370.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

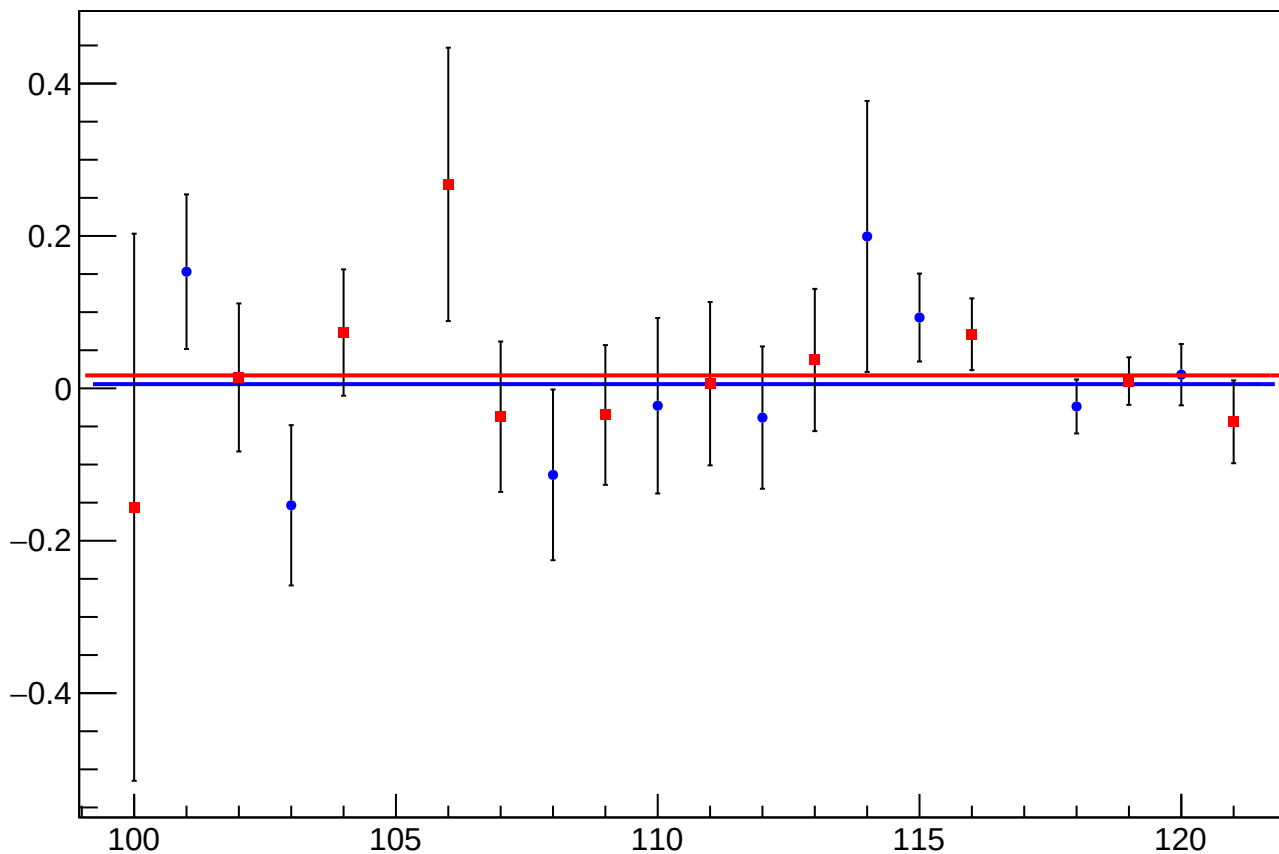
Right: 0.002+/-0.000 χ^2/NDF : 4765204.2/19

In: 0.002+/-0.000 χ^2/NDF :2147749.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4765204.2/19

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

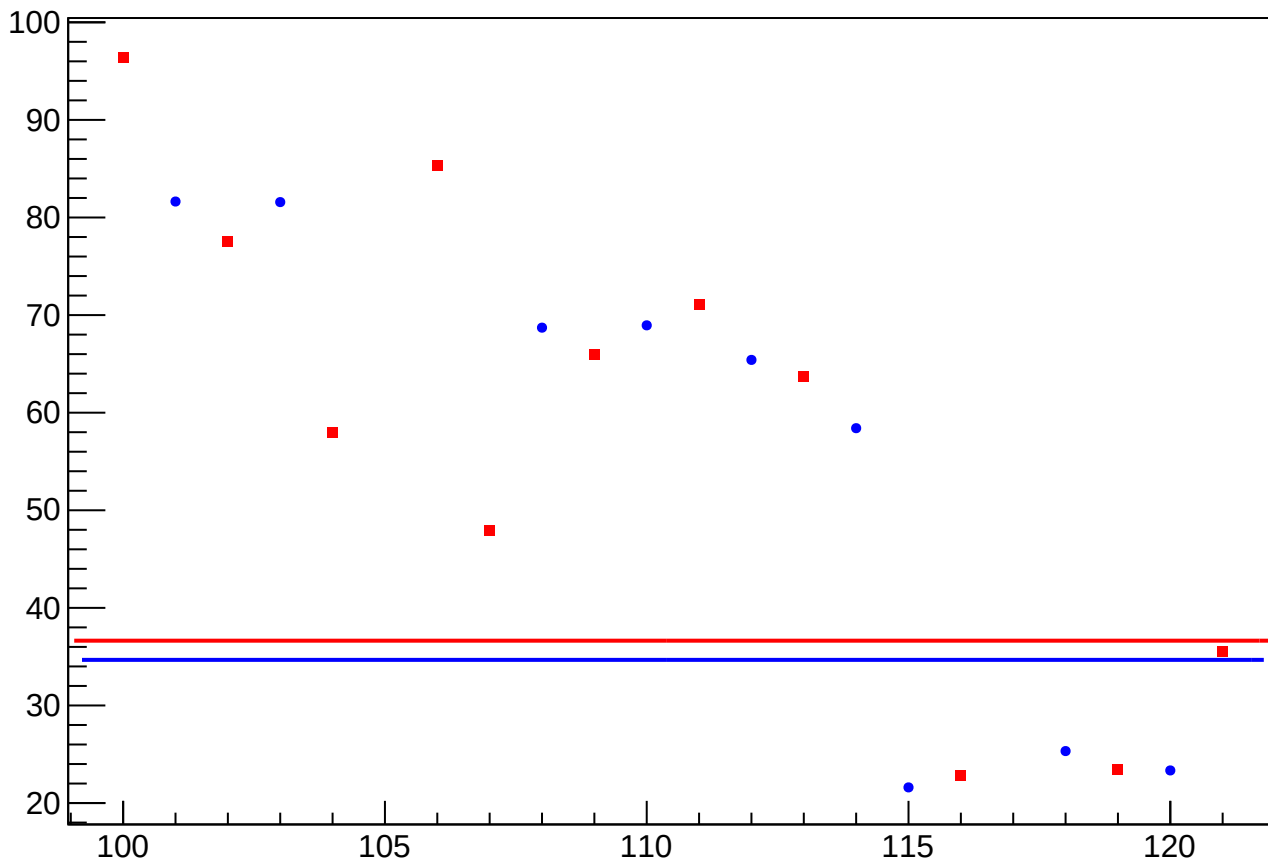
Right: 0.012+/-0.015 χ^2/NDF : 16.2/19

In: 0.006+/-0.021 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.015 χ^2/NDF : 16.2/19

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672 $\pm$ 0.015 χ^2 /NDF: 1840797.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.639 $\pm$ 0.014 χ^2 /NDF: 1825350.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

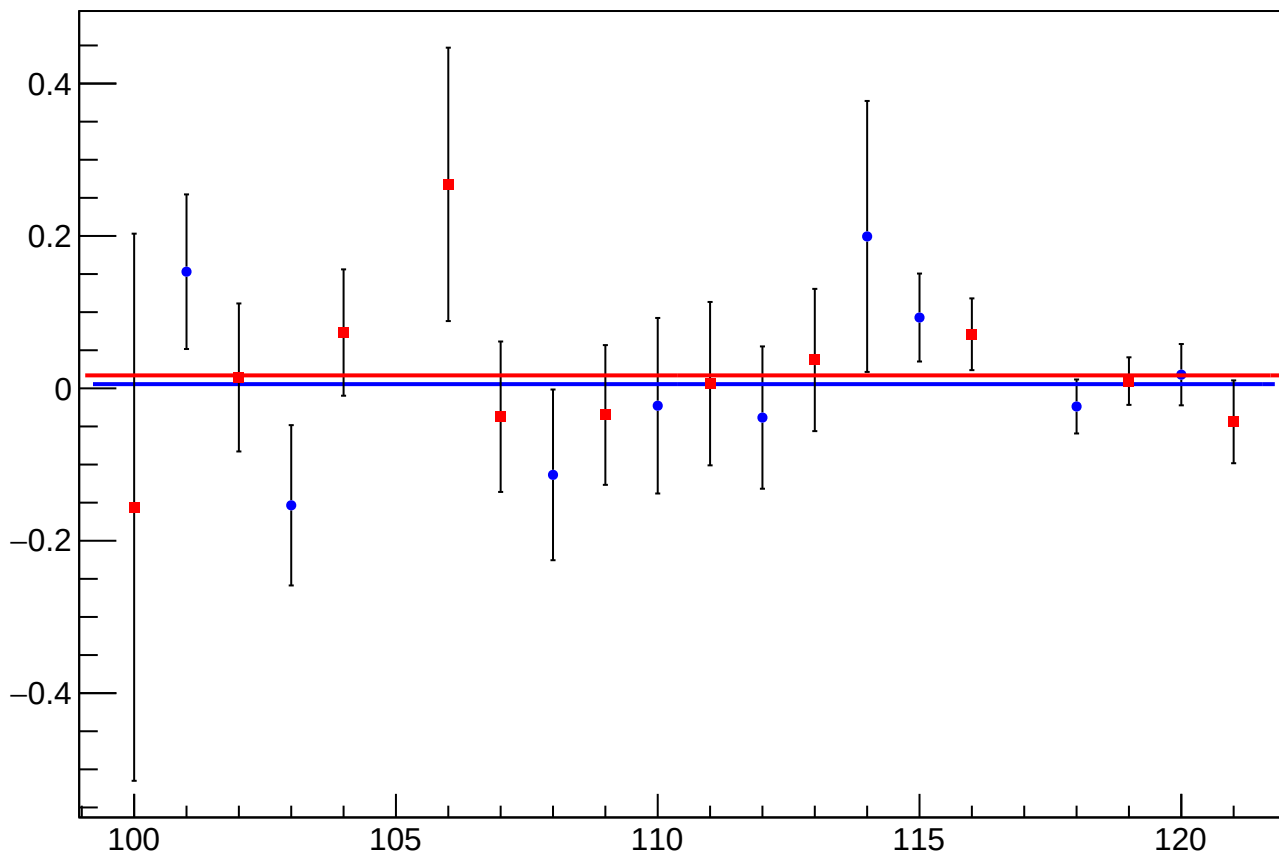
Right: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675261.4/19

In: 34.672 $\pm$ 0.015 χ^2 /NDF:1840797.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675261.4/19

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

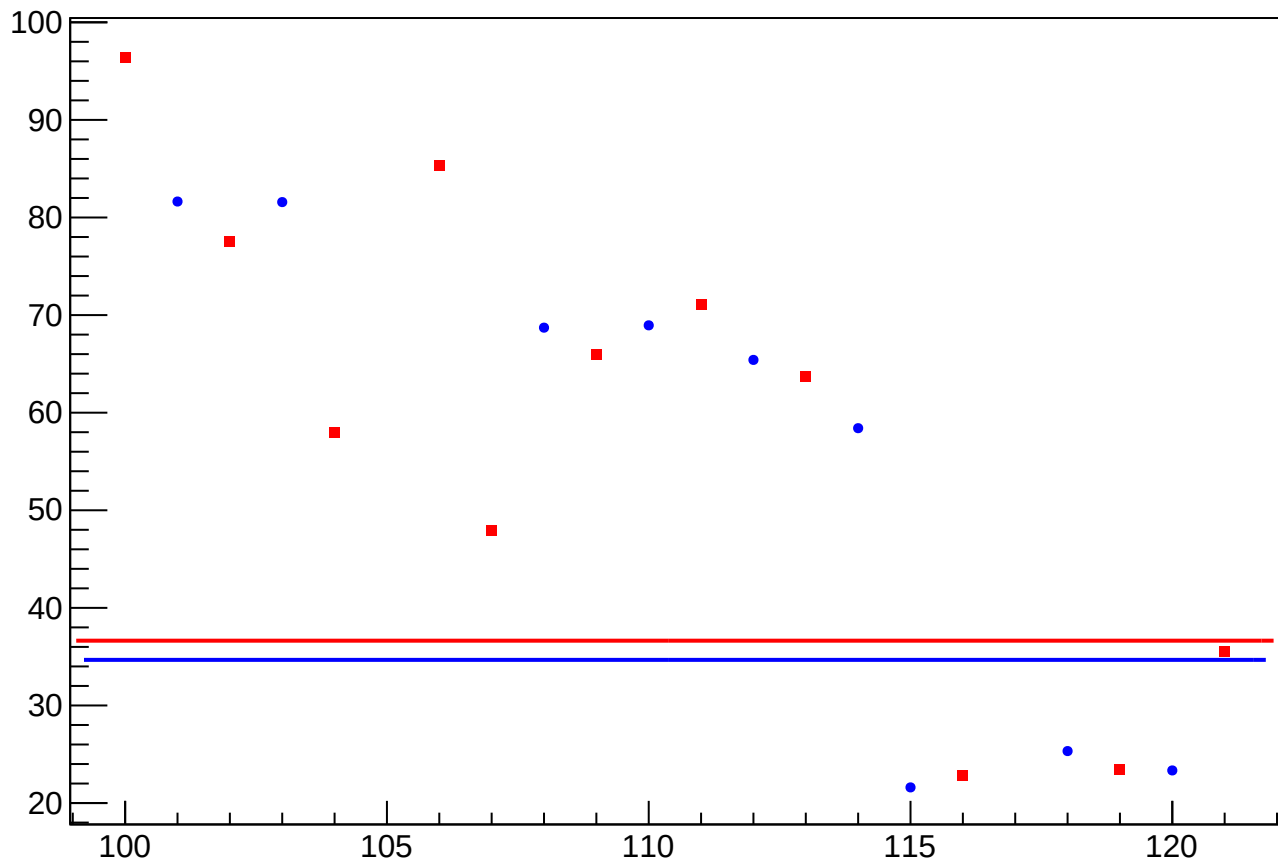
Right: 0.012+/-0.015 χ^2/NDF : 16.2/19

In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.015 χ^2/NDF : 16.2/19

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672 $\pm$ 0.015 χ^2 /NDF: 1840797.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.639 $\pm$ 0.014 χ^2 /NDF: 1825350.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

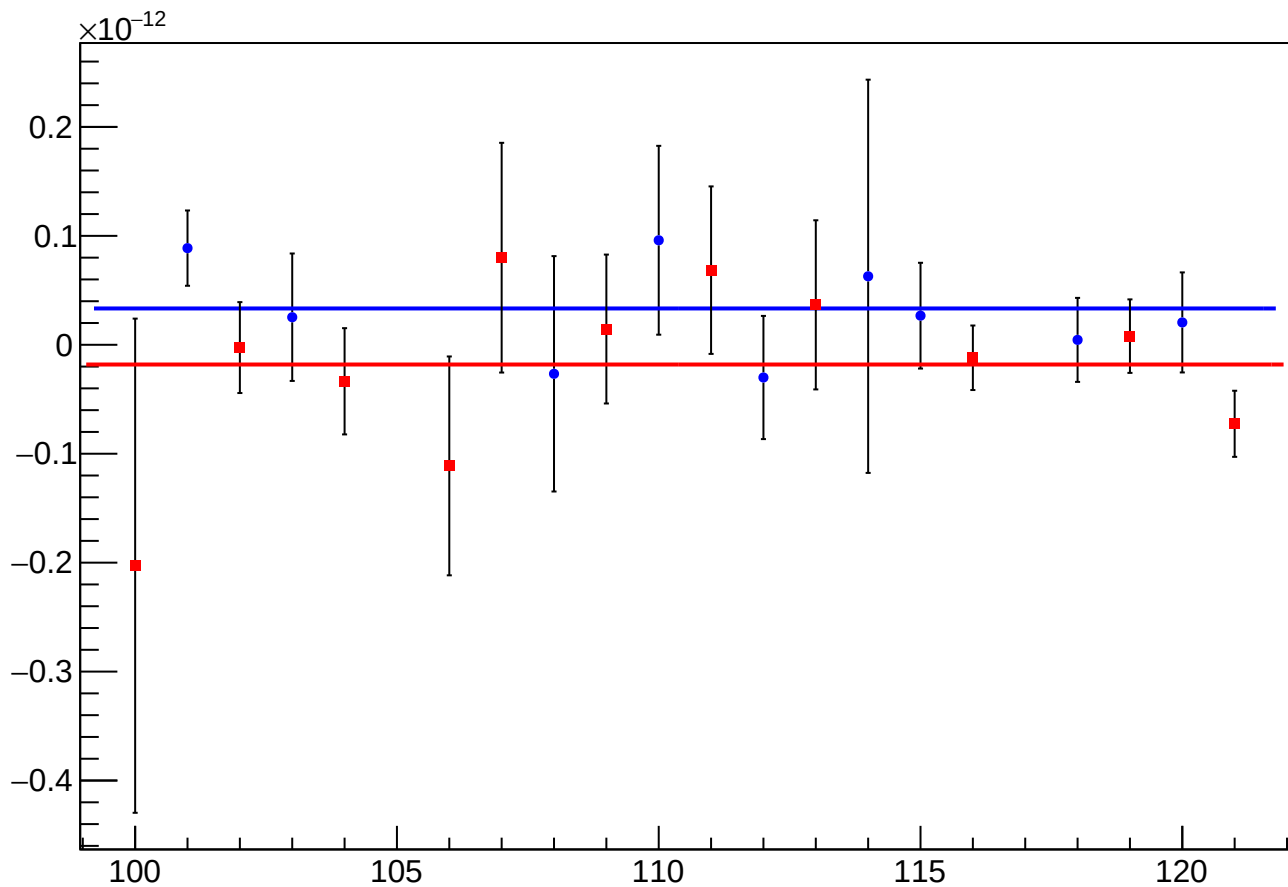
Right: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675261.4/19

In: 34.672 $\pm$ 0.015 χ^2 /NDF:1840797.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.723 $\pm$ 0.010 χ^2 /NDF: 3675261.4/19

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

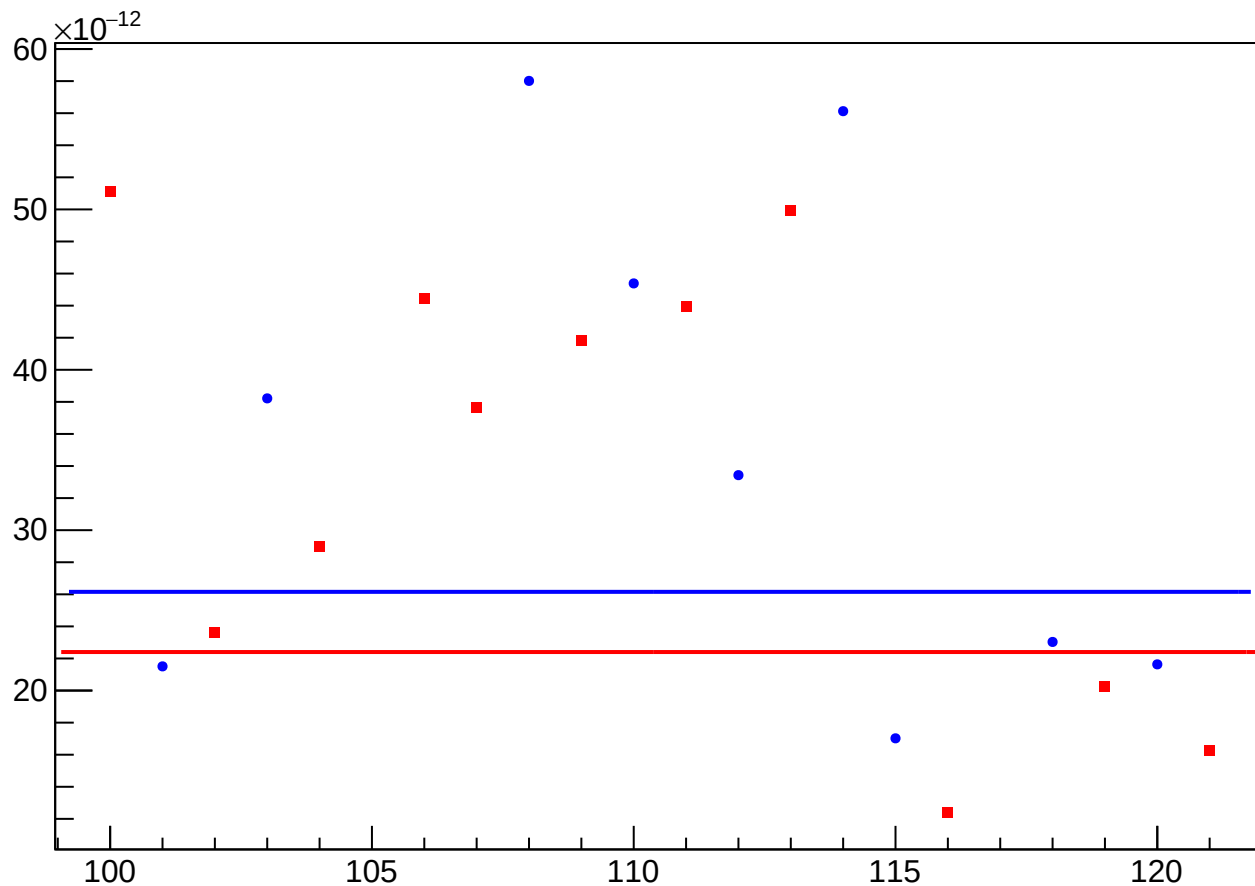
Right: 0.000+/-0.000 χ^2/NDF : 19.0/19

In: 0.000+/-0.000 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.0/19

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585125.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1095934.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

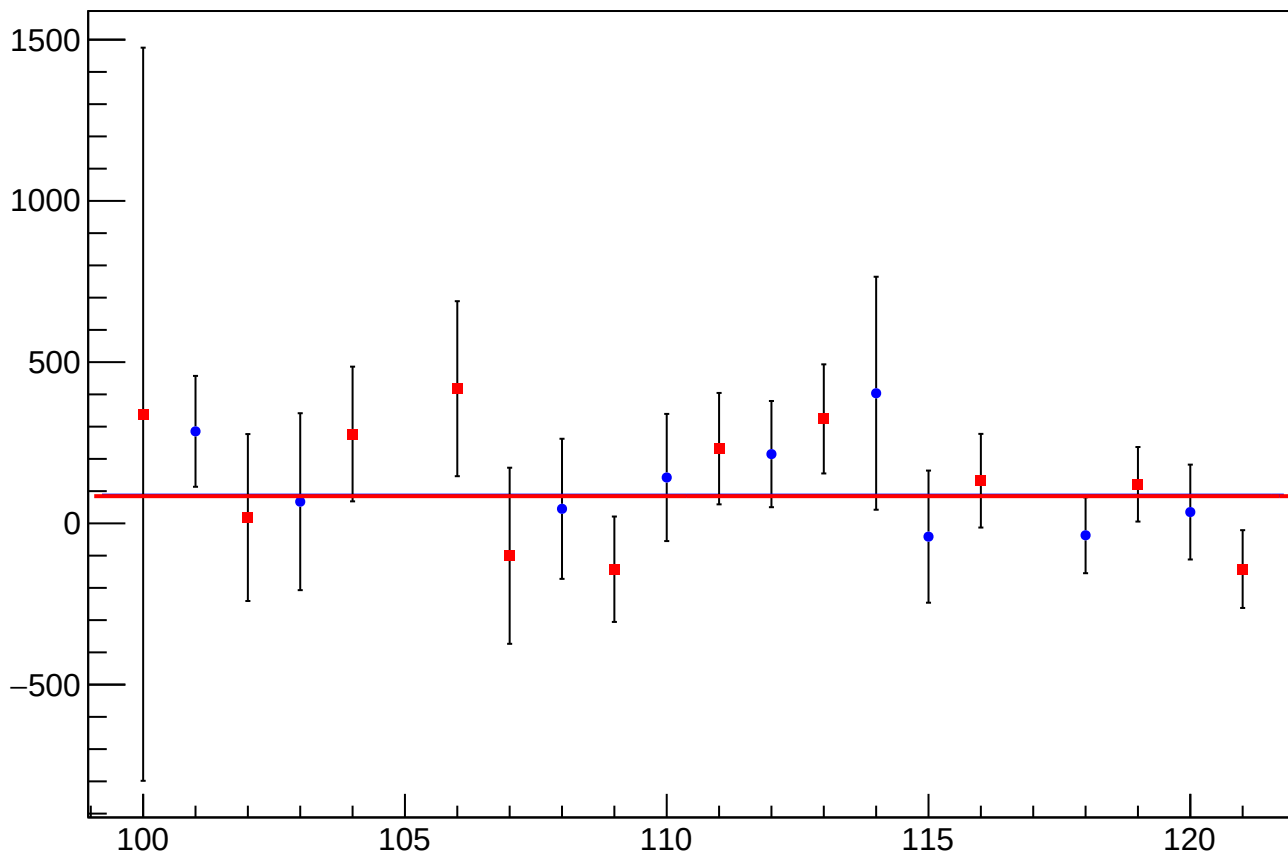
Right: 0.000+/-0.000 χ^2/NDF : 1736038.0/19

In: 0.000+/-0.000 χ^2/NDF : 585125.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1736038.0/19

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 86.066+/-59.674 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.361+/-52.524 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

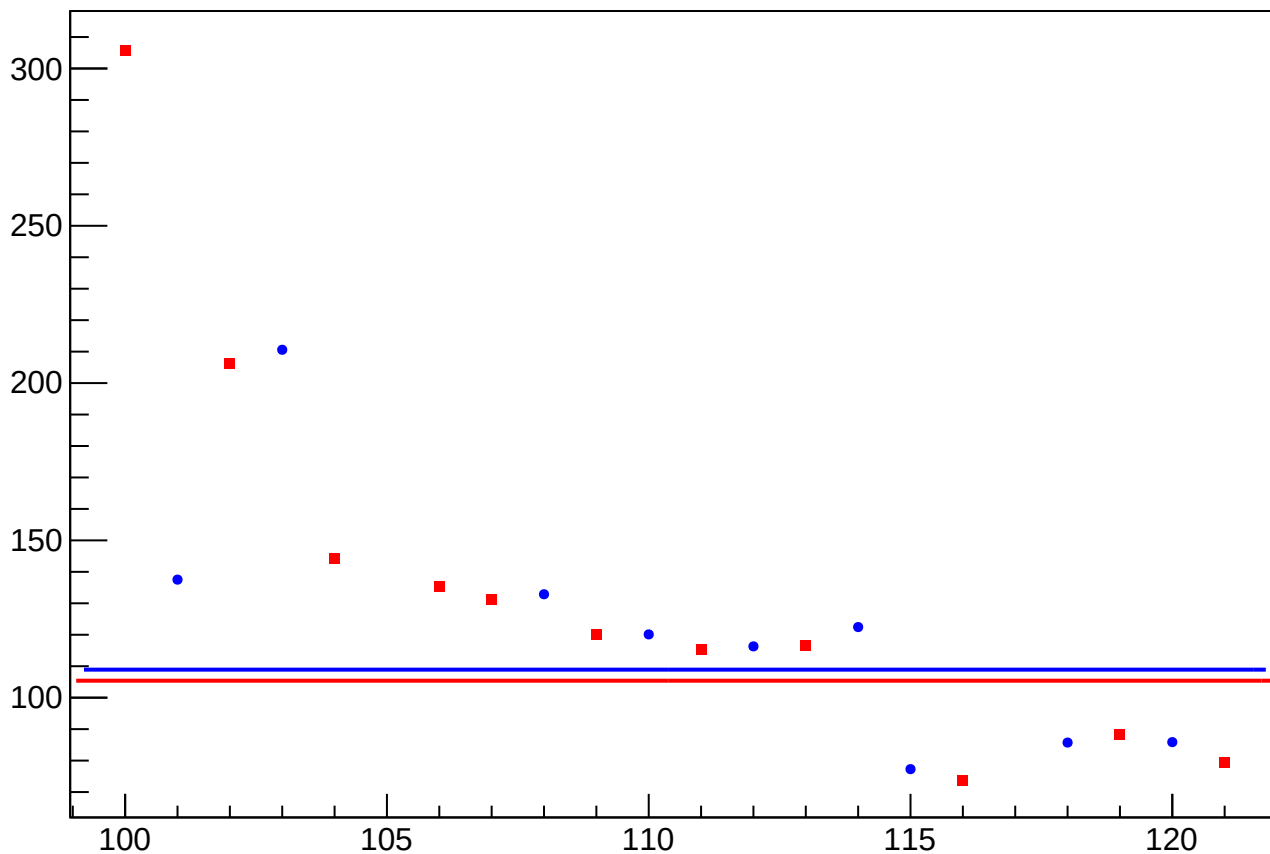
Right: 85.105+/-39.427 χ^2/NDF : 15.8/19

In: 86.066+/-59.674 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.105+/-39.427 χ^2/NDF : 15.8/19

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.909+/-0.042 χ^2/NDF : 542173.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.393+/-0.037 χ^2/NDF : 740735.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

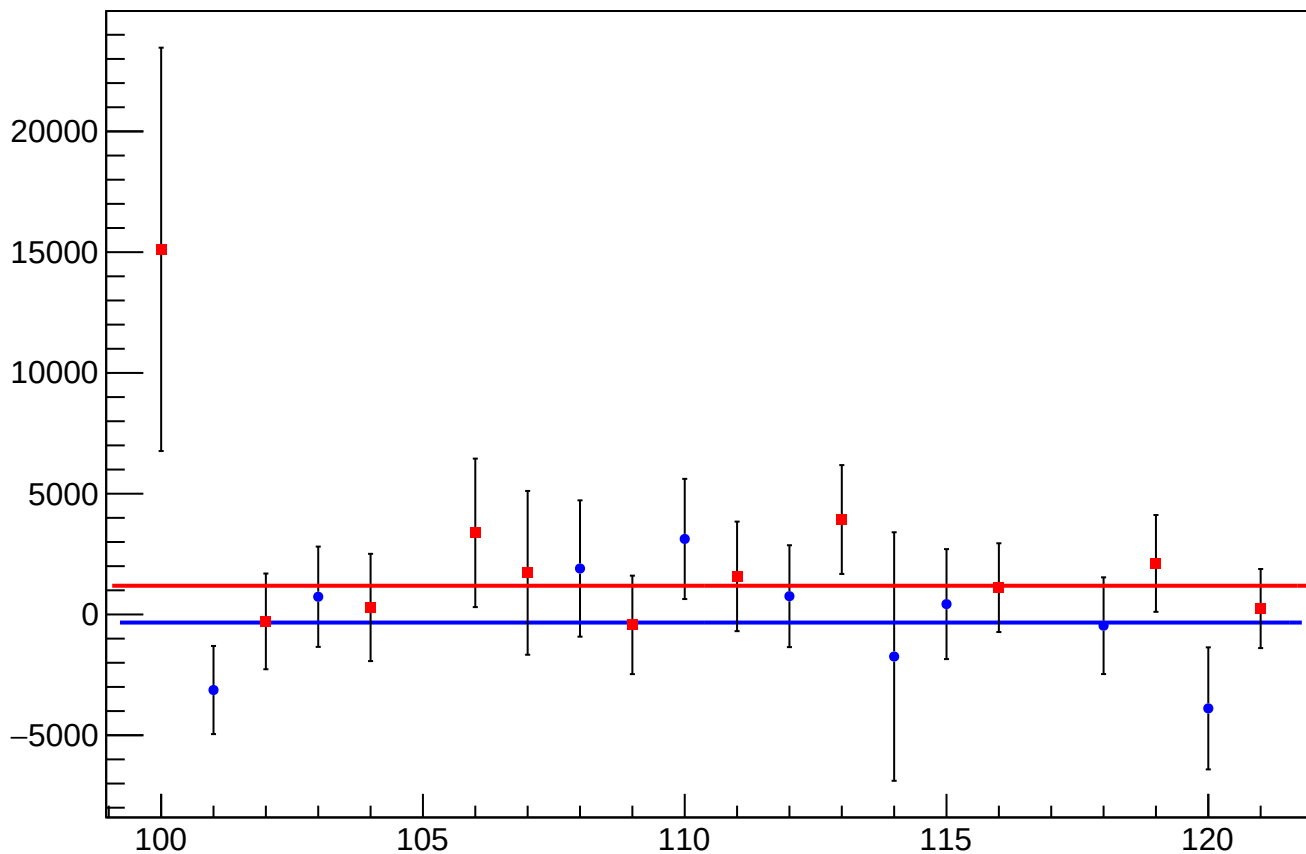
Right: 106.928+/-0.028 χ^2/NDF : 1286820.3/19

In: 108.909+/-0.042 χ^2/NDF : 542173.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.928+/-0.028 χ^2/NDF : 1286820.3/19

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -334.797 $\pm$ 771.237 χ^2 /NDF: 7.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1188.865 $\pm$ 671.919 χ^2 /NDF: 6.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

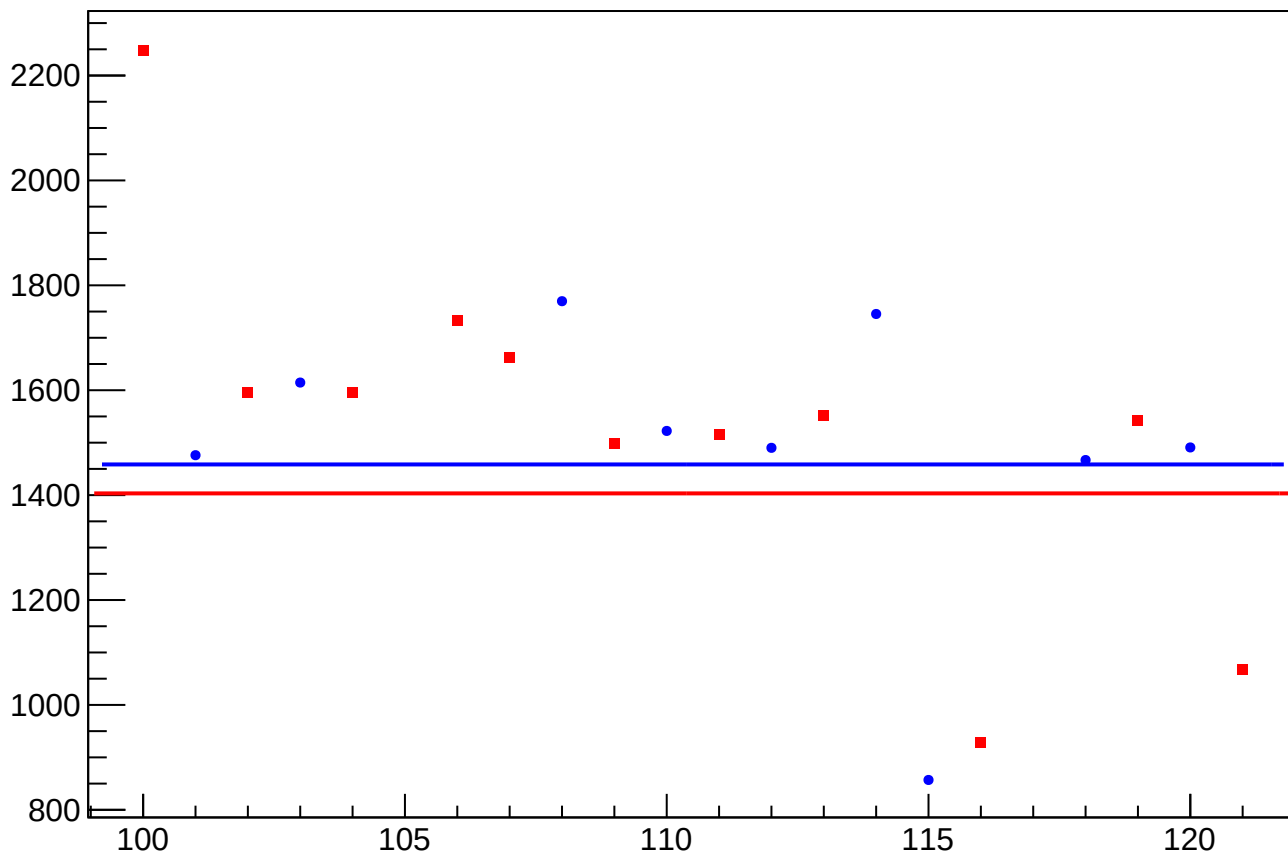
Right: 531.398 $\pm$ 506.618 χ^2 /NDF: 16.6/19

In: -334.797 $\pm$ 771.237 χ^2 /NDF:7.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 531.398 $\pm$ 506.618 χ^2 /NDF: 16.6/19

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1458.501+/-0.545 χ^2/NDF : 183825.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.297+/-0.475 χ^2/NDF : 334739.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

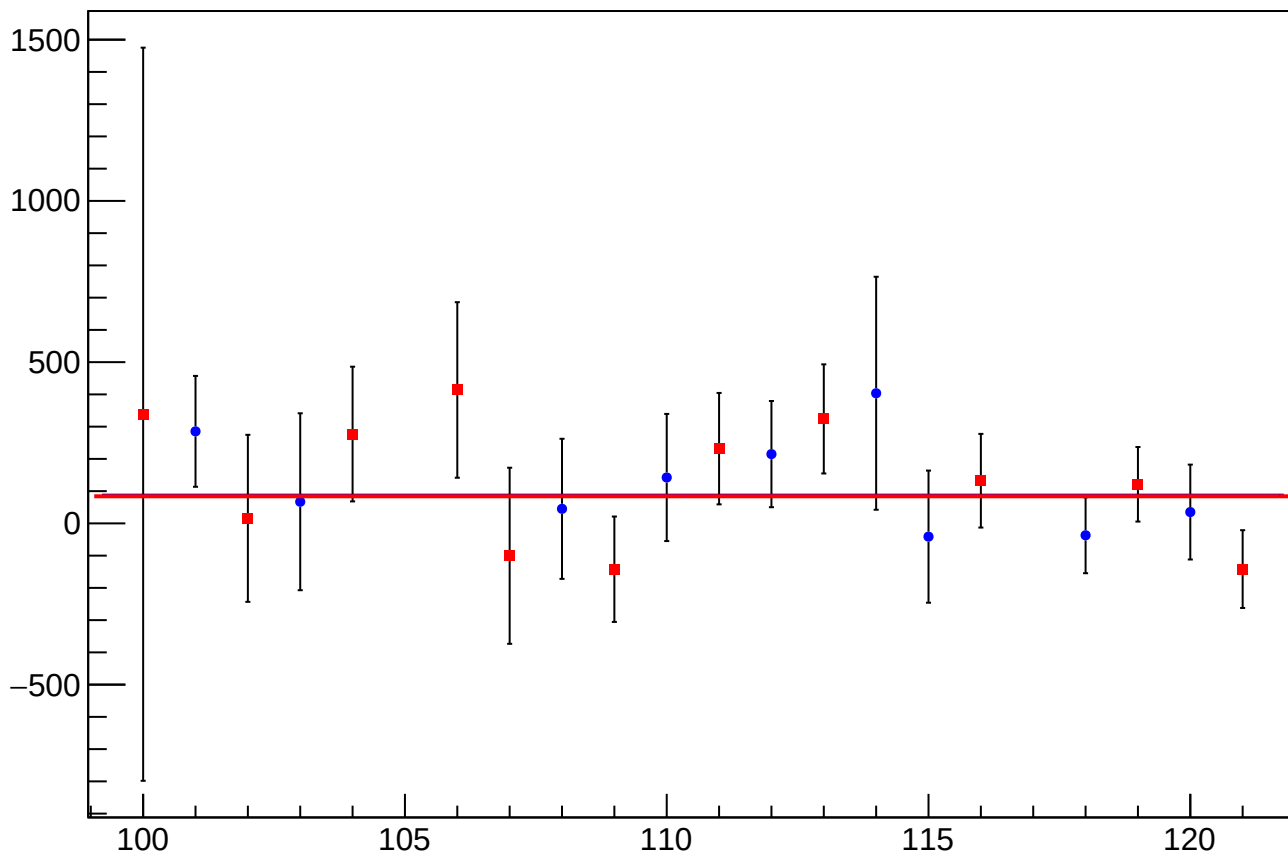
Right: 1427.118+/-0.358 χ^2/NDF : 524390.2/19

In: 1458.501+/-0.545 χ^2/NDF : 183825.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1427.118+/-0.358 χ^2/NDF : 524390.2/19

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 86.058+/-59.674 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 84.027+/-52.531 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

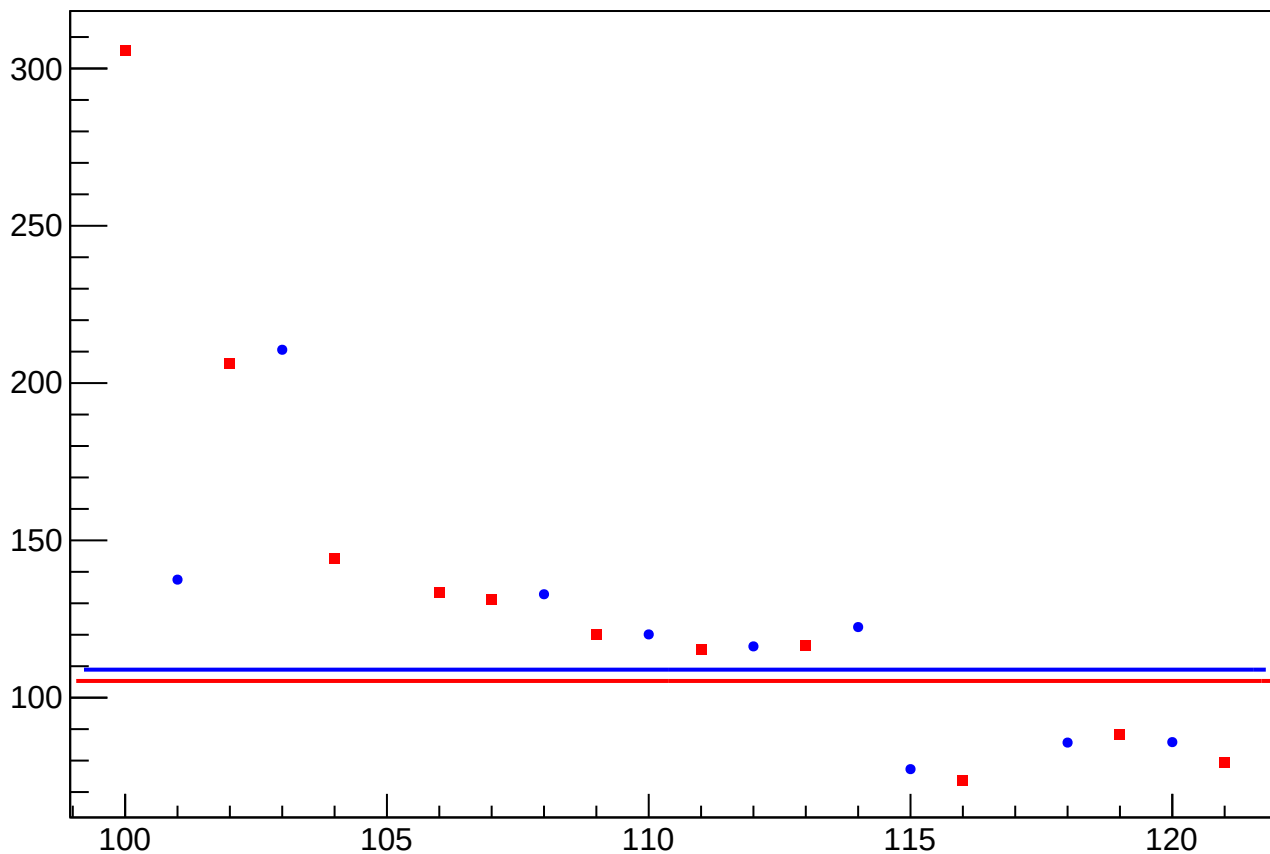
Right: 84.913+/-39.430 χ^2/NDF : 15.7/19

In: 86.058+/-59.674 χ^2/NDF :4.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.913+/-39.430 χ^2/NDF : 15.7/19

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.313+/-0.037 χ^2/NDF : 737853.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

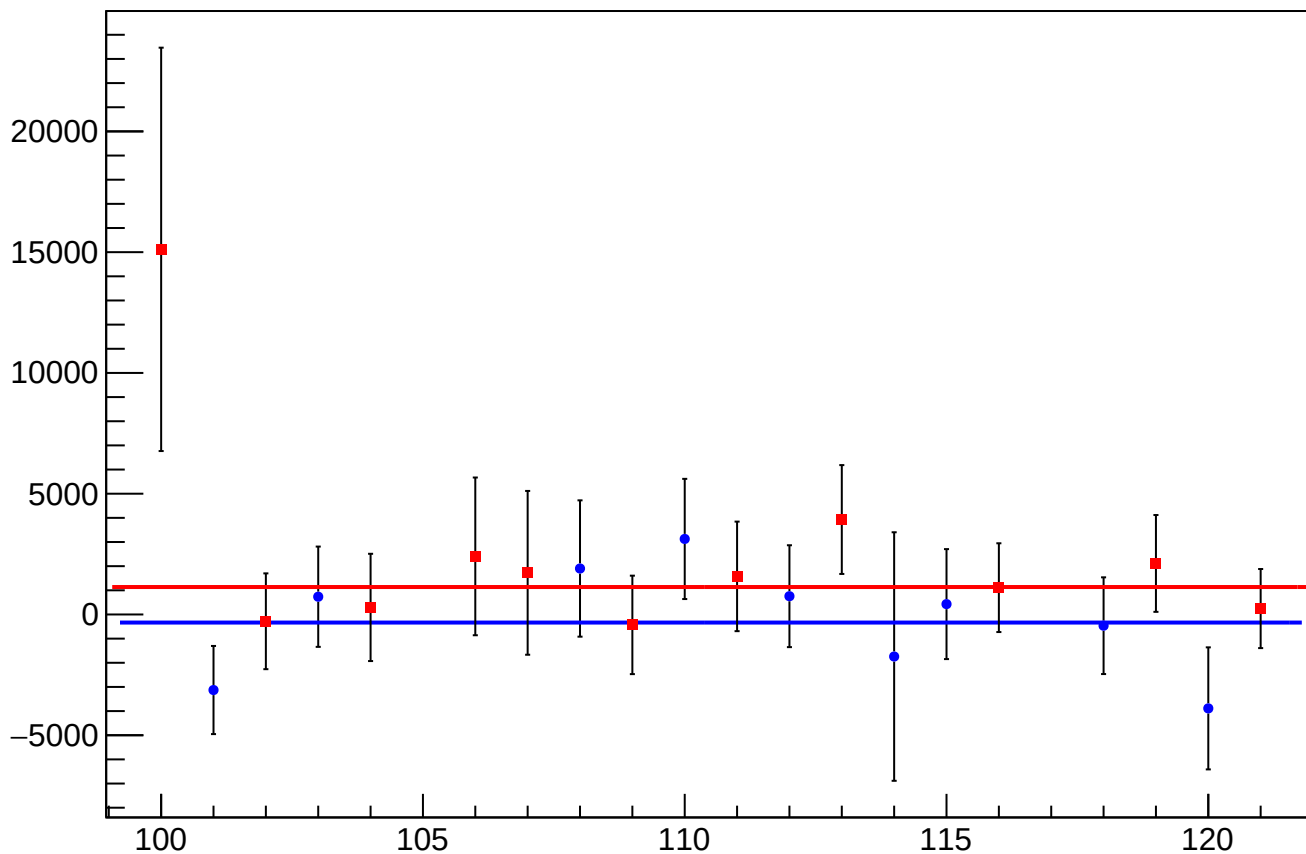
Right: 106.883+/-0.028 χ^2/NDF : 1284120.5/19

In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.883+/-0.028 χ^2/NDF : 1284120.5/19

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -334.682+/-771.244 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.357+/-673.810 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

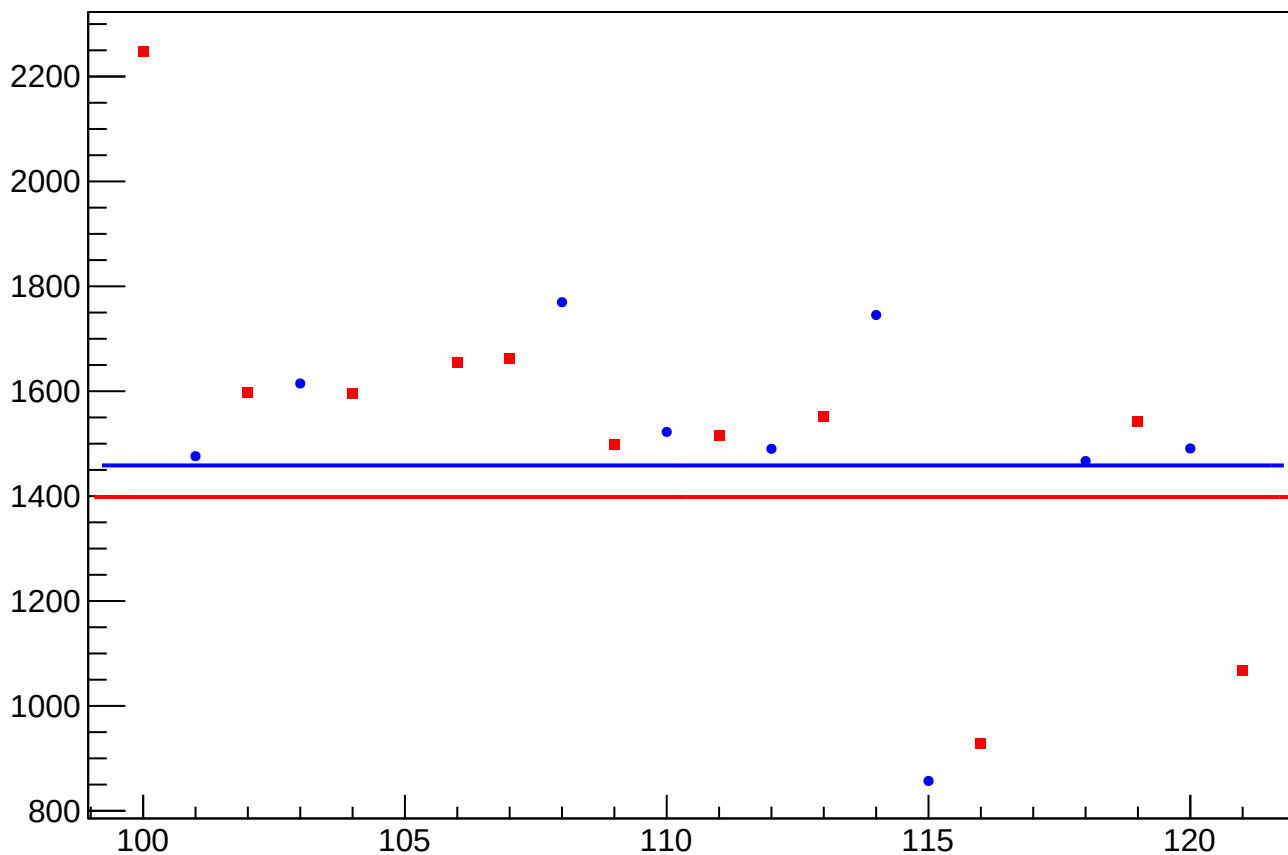
Right: 499.574+/-507.429 χ^2/NDF : 16.0/19

In: -334.682+/-771.244 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.574+/-507.429 χ^2/NDF : 16.0/19

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.269+/-0.476 χ^2/NDF : 323685.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

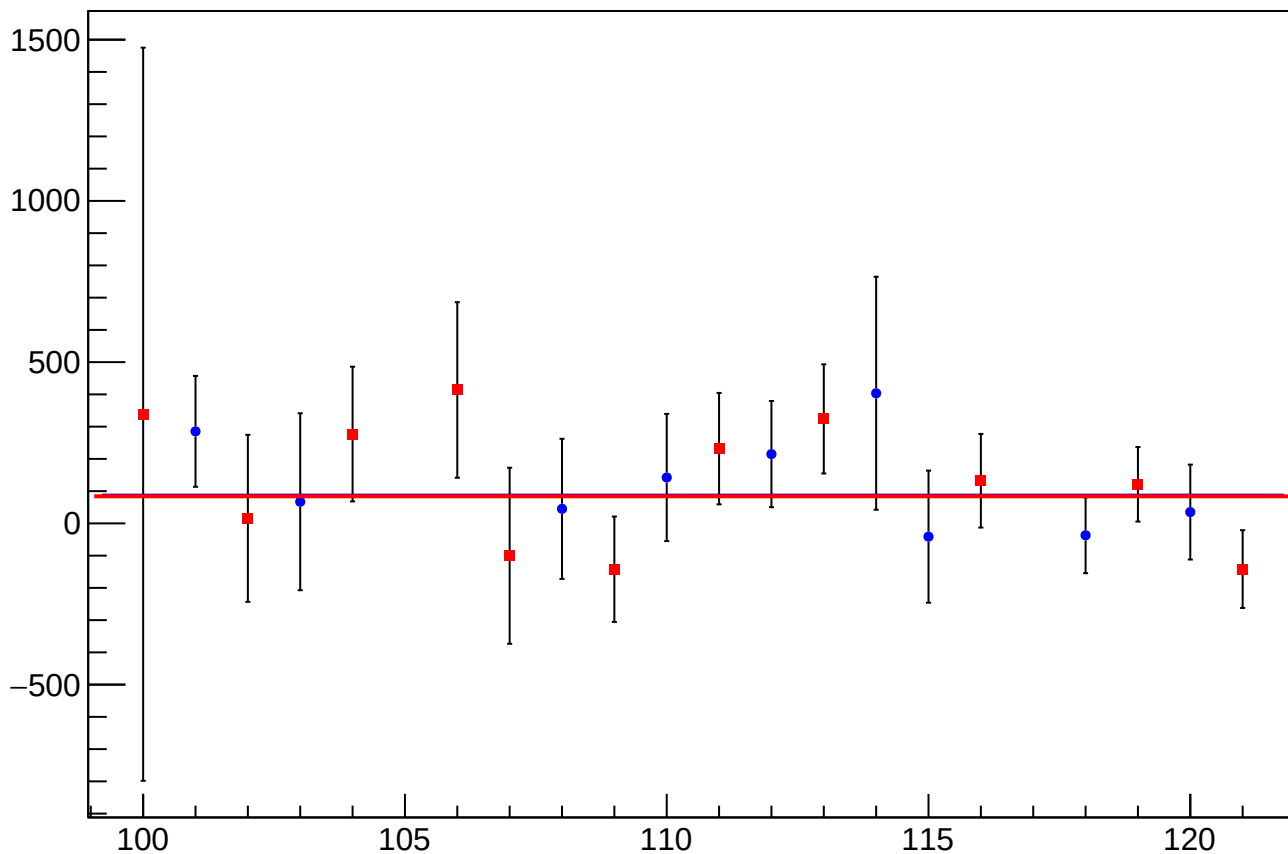
Right: 1424.348+/-0.359 χ^2/NDF : 514447.5/19

In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1424.348+/-0.359 χ^2/NDF : 514447.5/19

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 86.058+/-59.674 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 84.027+/-52.531 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

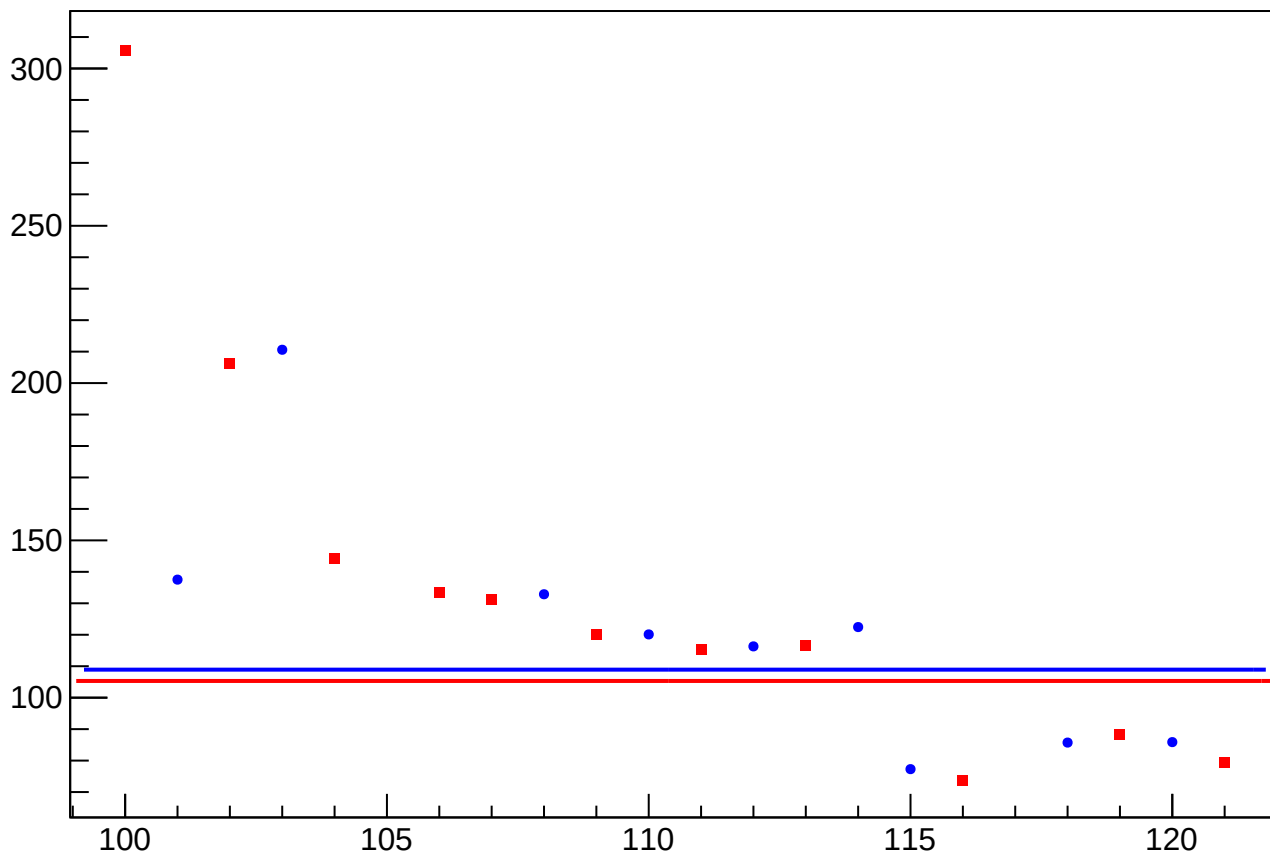
Right: 84.913+/-39.430 χ^2/NDF : 15.7/19

In: 86.058+/-59.674 χ^2/NDF :4.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.913+/-39.430 χ^2/NDF : 15.7/19

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.313+/-0.037 χ^2/NDF : 737853.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

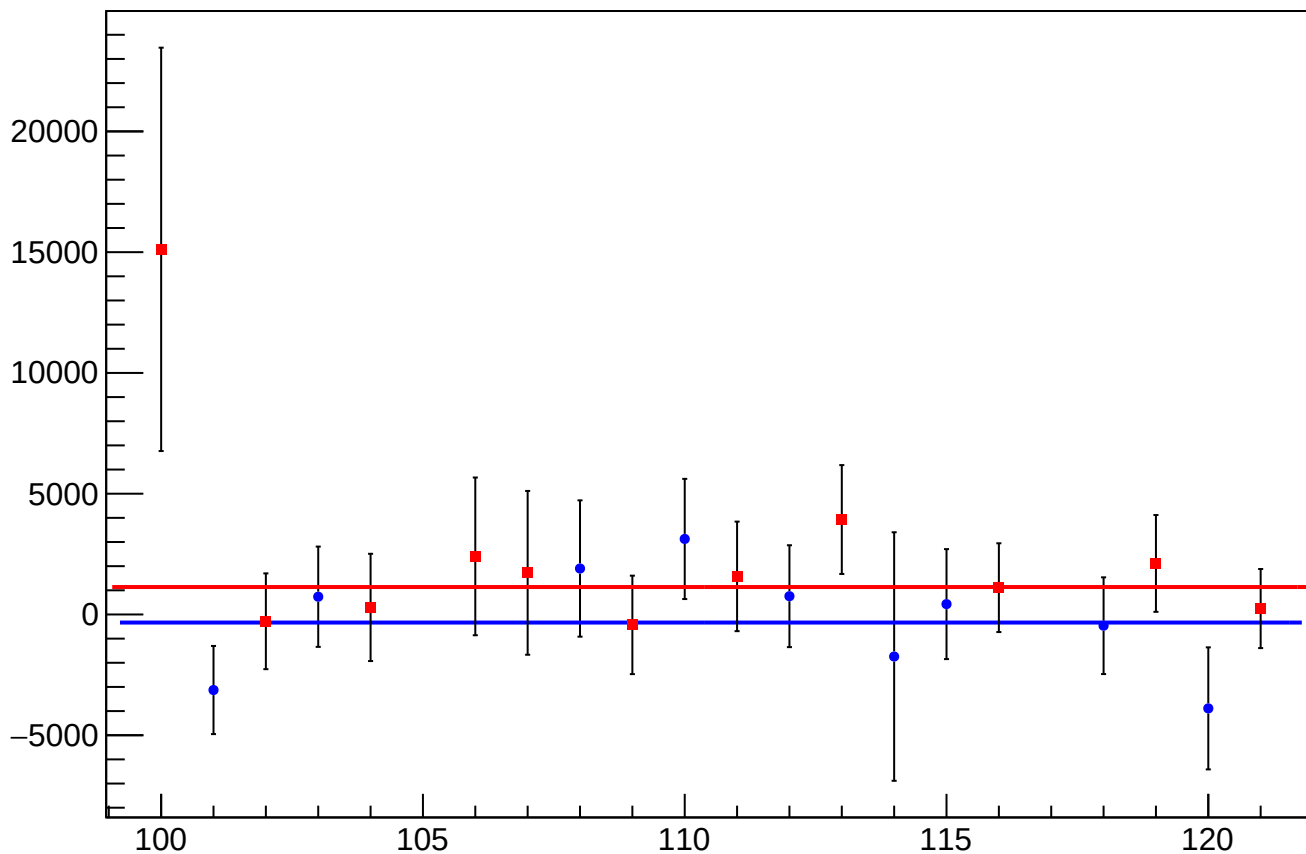
Right: 106.883+/-0.028 χ^2/NDF : 1284120.5/19

In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.883+/-0.028 χ^2/NDF : 1284120.5/19

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -334.682+/-771.244 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.357+/-673.810 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

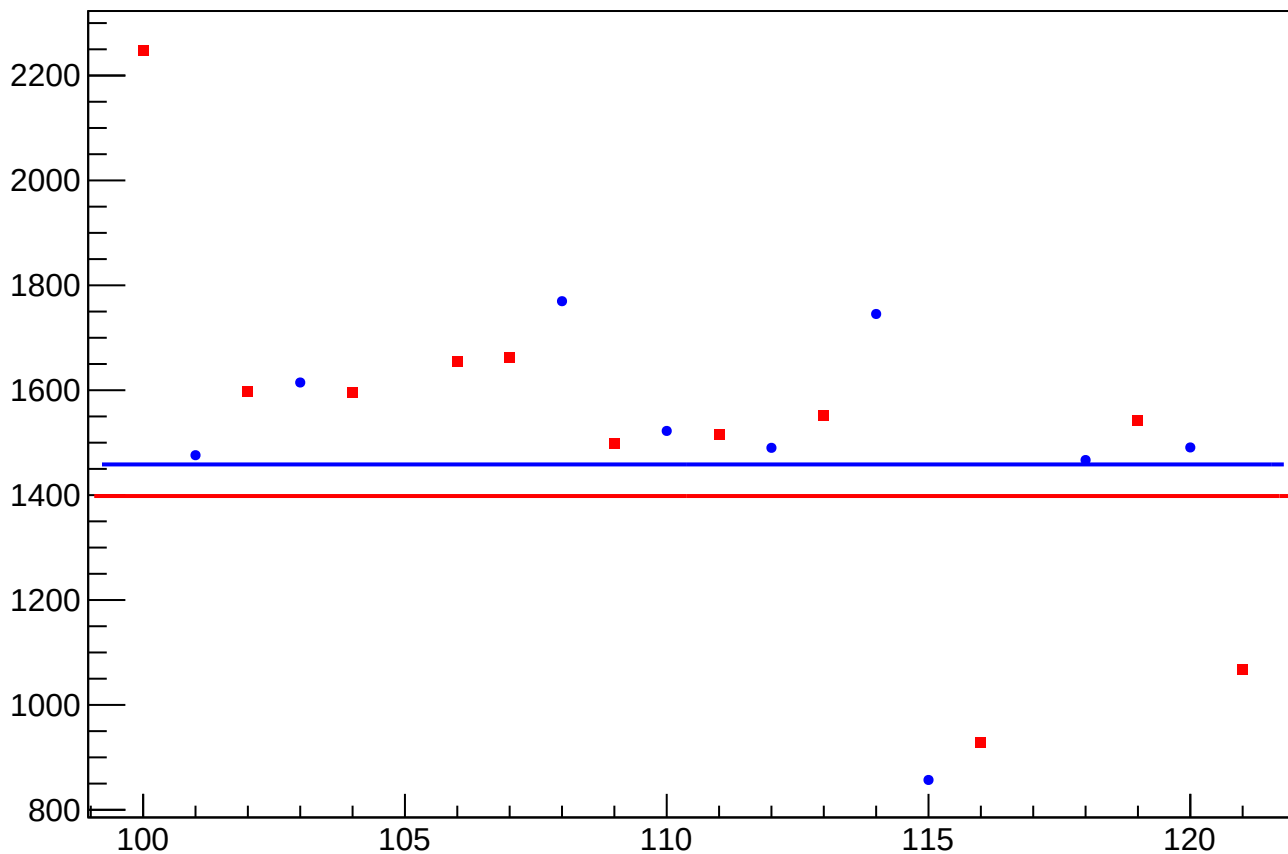
Right: 499.574+/-507.429 χ^2/NDF : 16.0/19

In: -334.682+/-771.244 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.574+/-507.429 χ^2/NDF : 16.0/19

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.269+/-0.476 χ^2/NDF : 323685.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

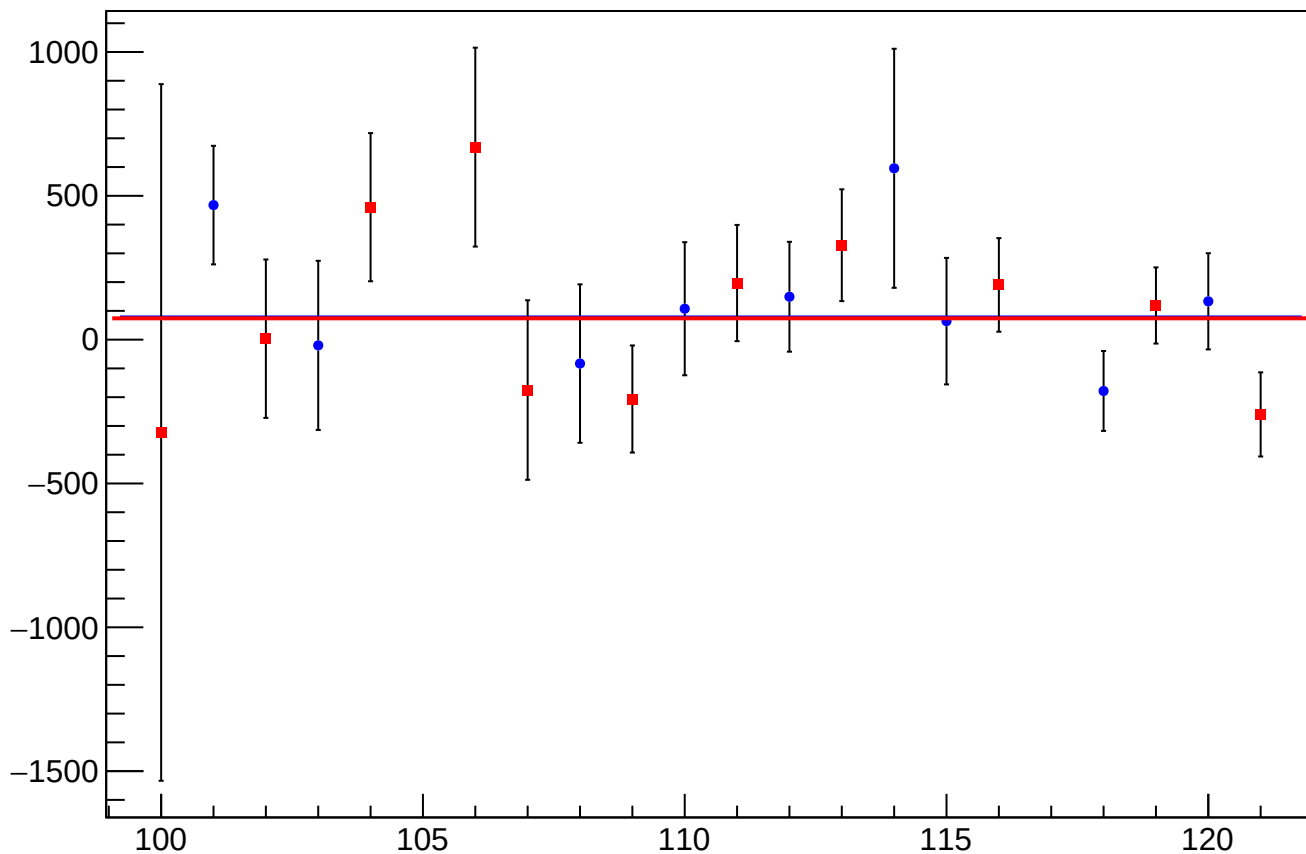
Right: 1424.348+/-0.359 χ^2/NDF : 514447.5/19

In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1424.348+/-0.359 χ^2/NDF : 514447.5/19

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.136+/-60.973 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

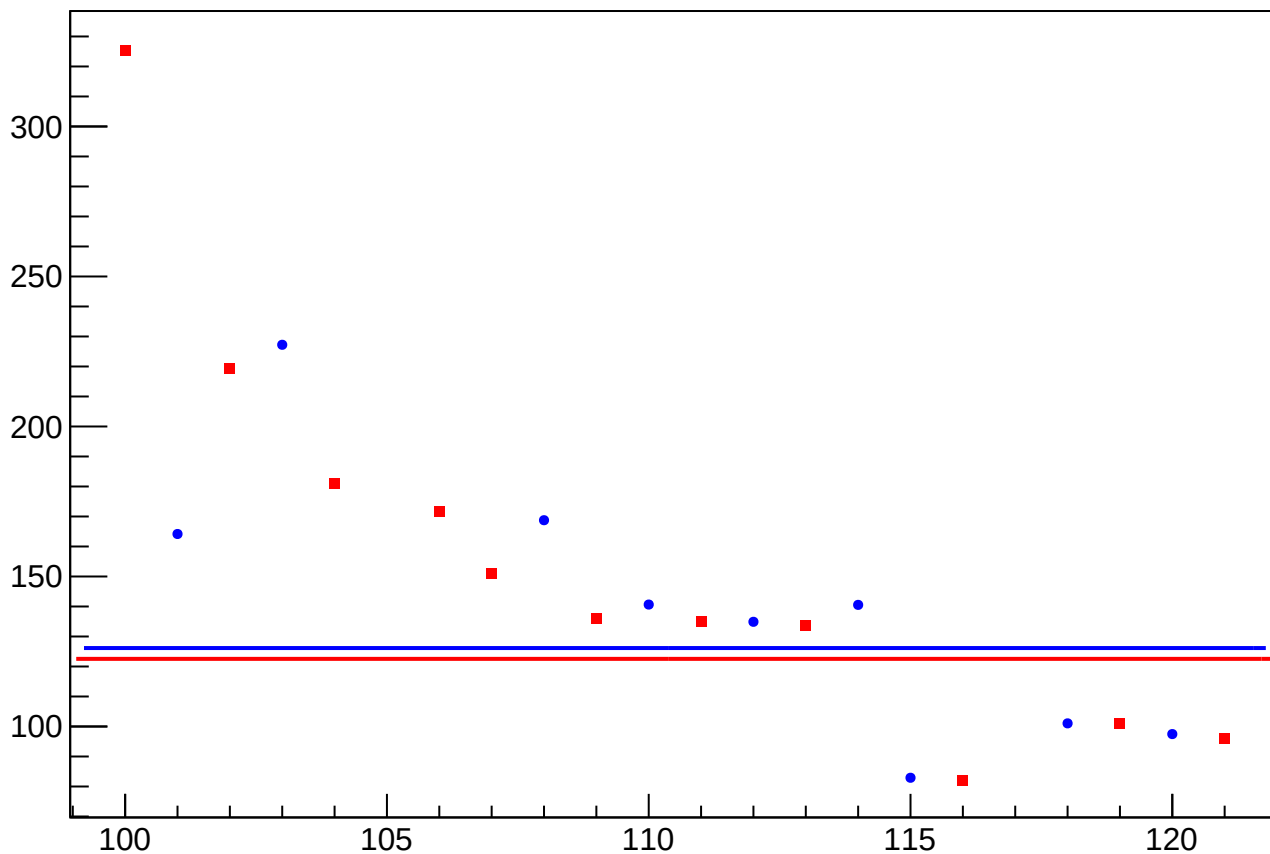
Right: 75.448+/-45.765 χ^2/NDF : 25.5/19

In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.448+/-45.765 χ^2/NDF : 25.5/19

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 126.150+/-0.049 χ^2/NDF : 568340.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.545+/-0.043 χ^2/NDF : 730436.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

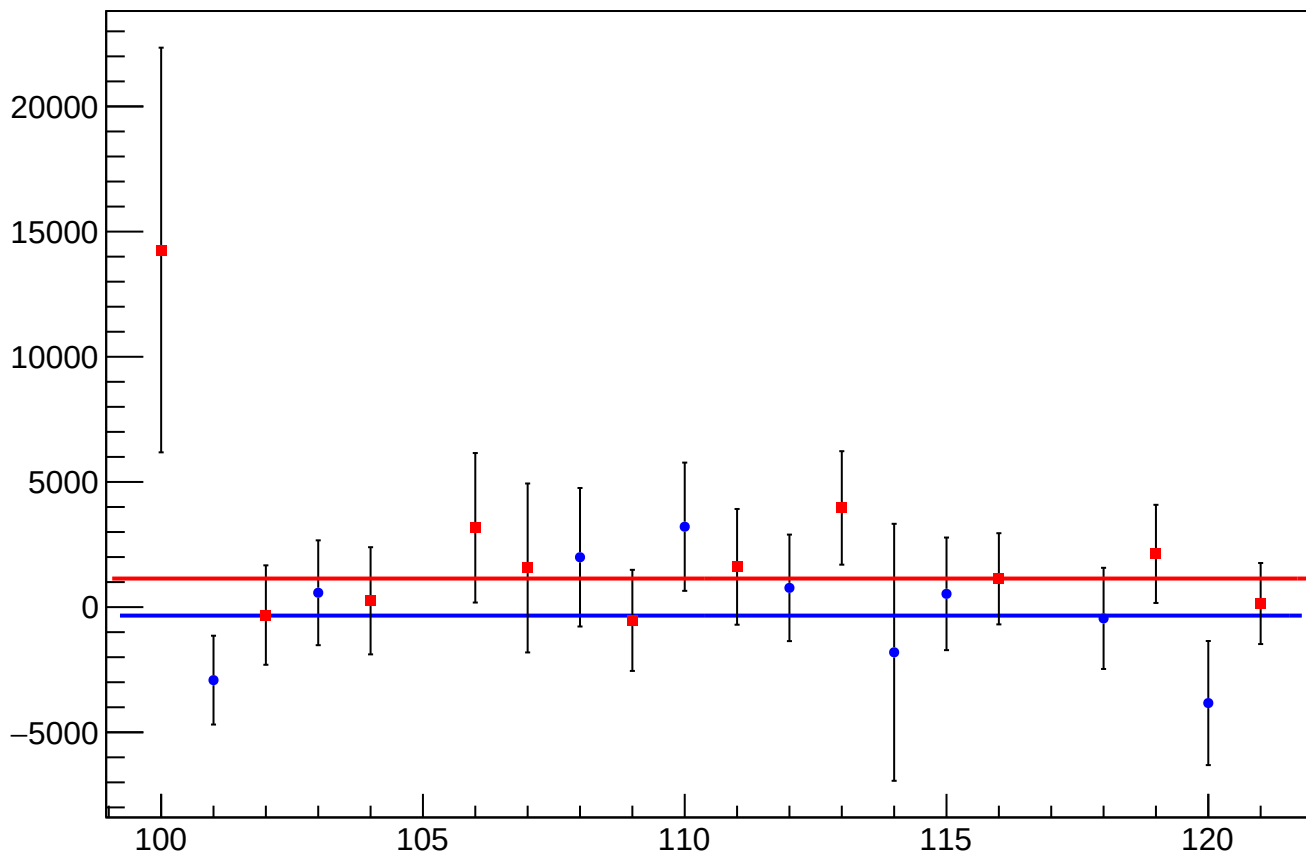
Right: 124.119+/-0.032 χ^2/NDF : 1301829.6/19

In: 126.150+/-0.049 χ^2/NDF : 568340.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.119+/-0.032 χ^2/NDF : 1301829.6/19

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -338.712+/-768.483 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1141.724+/-665.527 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

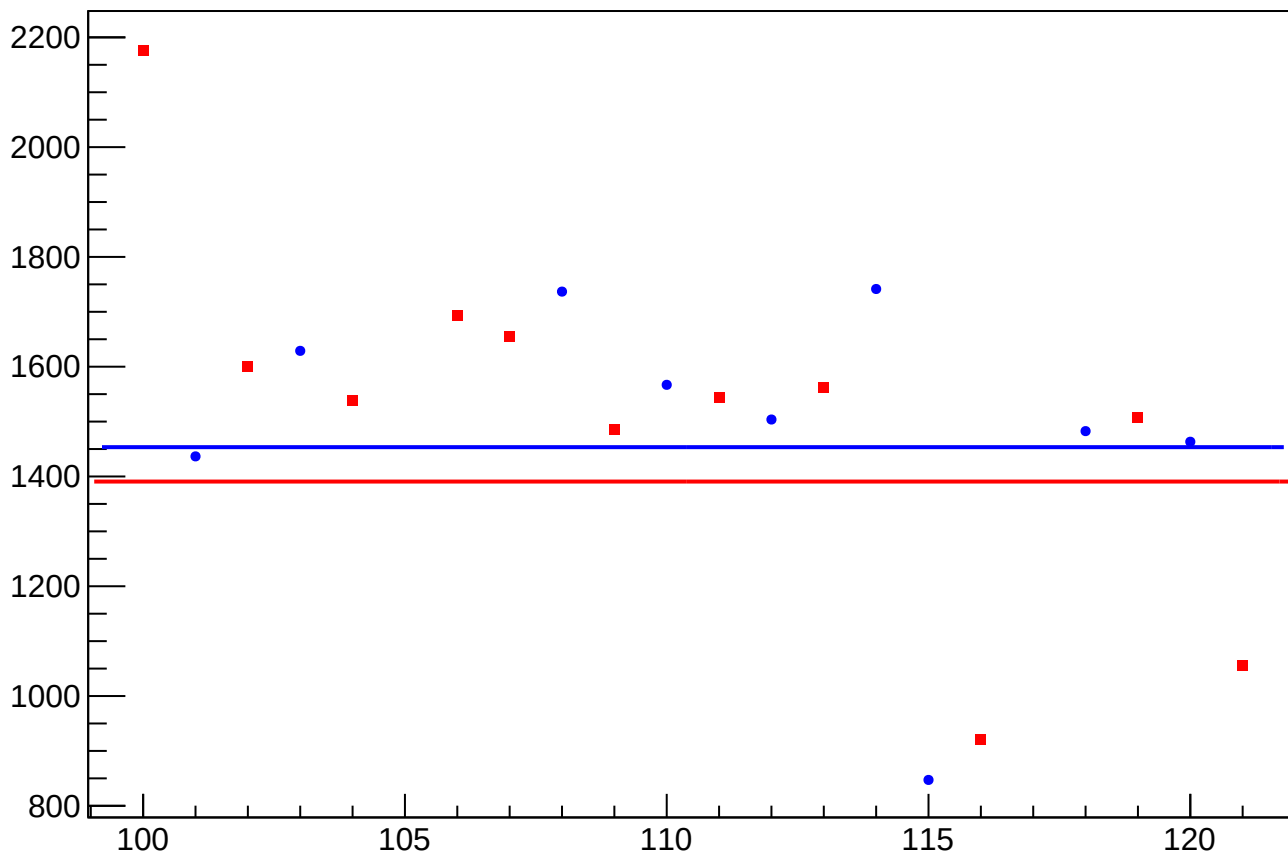
Right: 507.251+/-503.090 χ^2/NDF : 16.3/19

In: -338.712+/-768.483 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.251+/-503.090 χ^2/NDF : 16.3/19

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1453.410+/-0.543 χ^2/NDF : 192336.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.742+/-0.471 χ^2/NDF : 334440.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

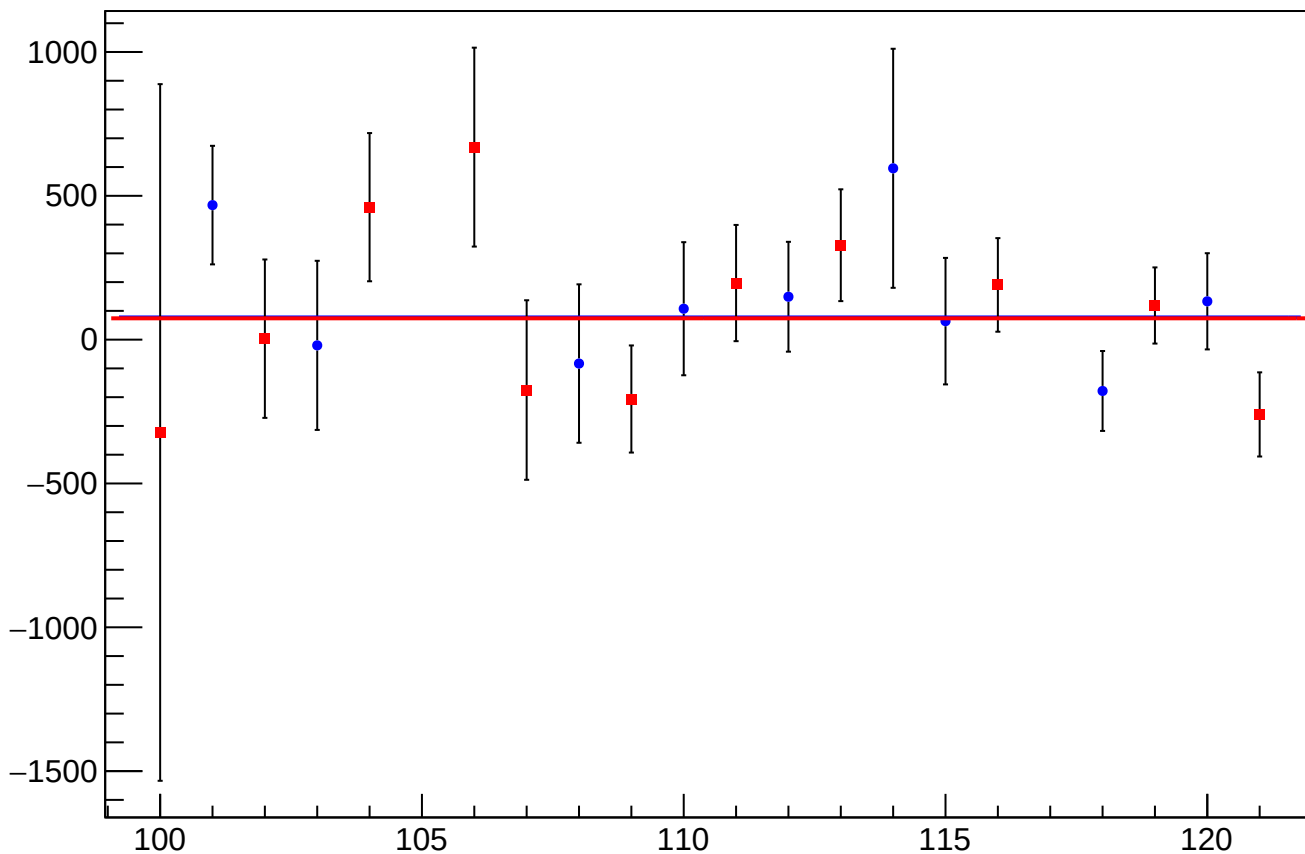
Right: 1417.600+/-0.356 χ^2/NDF : 534376.9/19

In: 1453.410+/-0.543 χ^2/NDF : 192336.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1417.600+/-0.356 χ^2/NDF : 534376.9/19

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.133+/-60.973 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

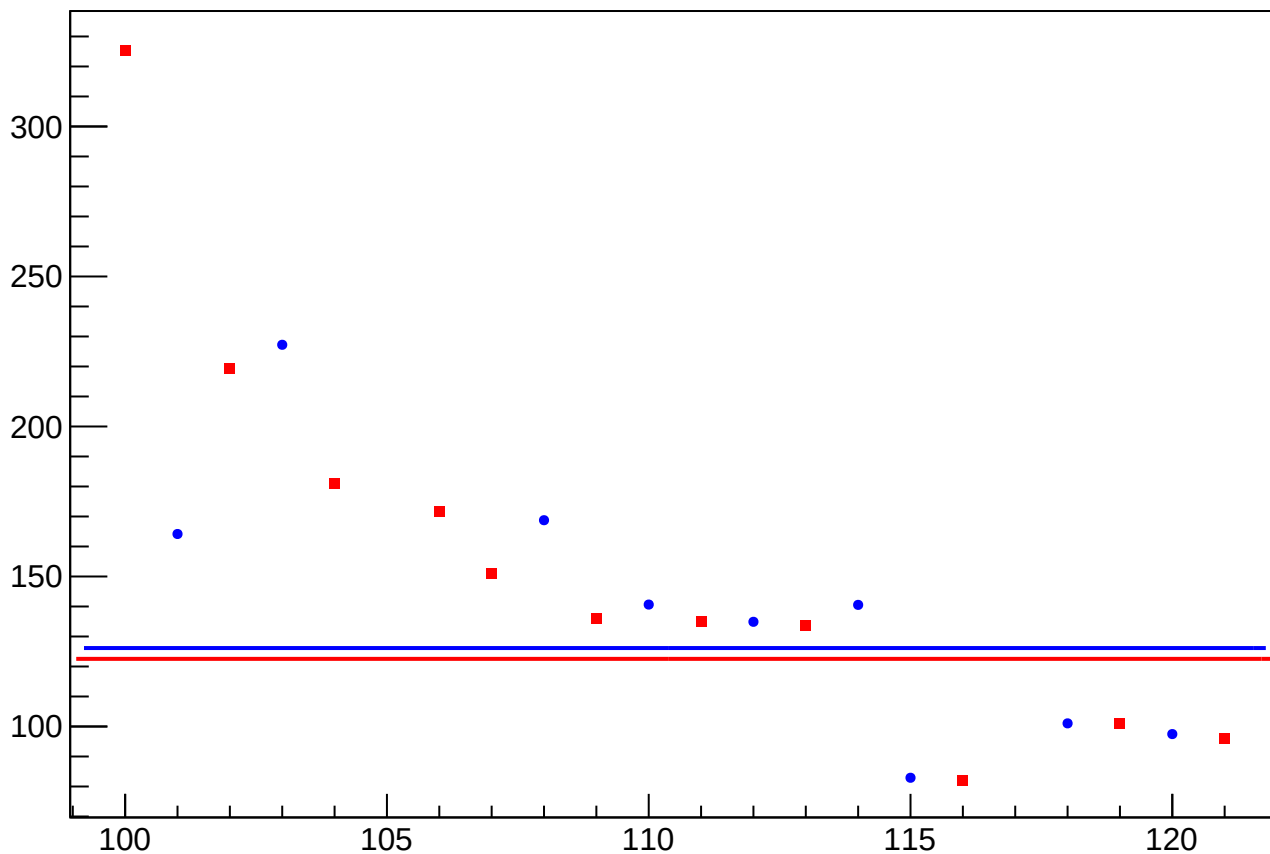
Right: 75.446+/-45.765 χ^2/NDF : 25.5/19

In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.446+/-45.765 χ^2/NDF : 25.5/19

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 126.150+/-0.049 χ^2/NDF : 568335.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.545+/-0.043 χ^2/NDF : 730432.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

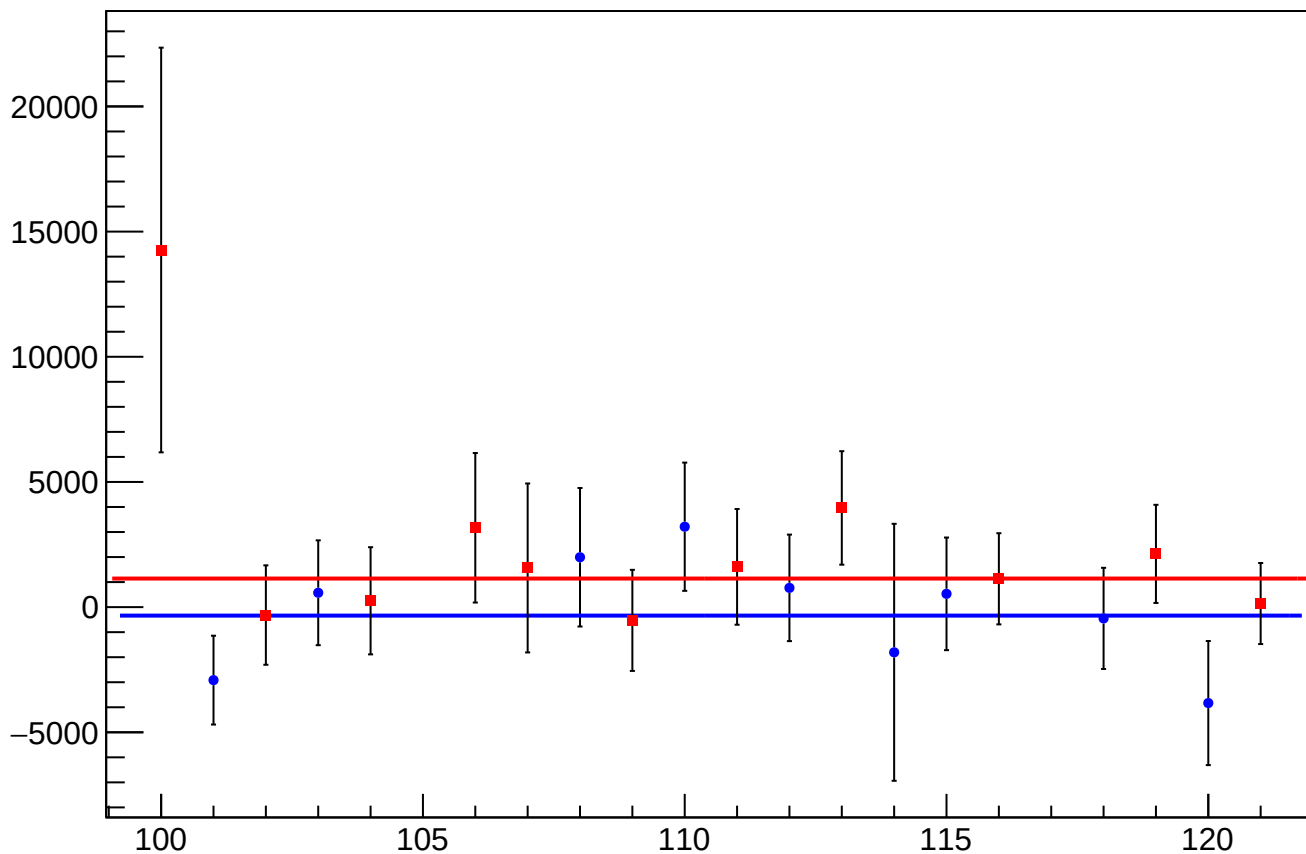
Right: 124.119+/-0.032 χ^2/NDF : 1301819.9/19

In: 126.150+/-0.049 χ^2/NDF : 568335.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.119+/-0.032 χ^2/NDF : 1301819.9/19

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -338.709+/-768.481 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1141.722+/-665.525 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

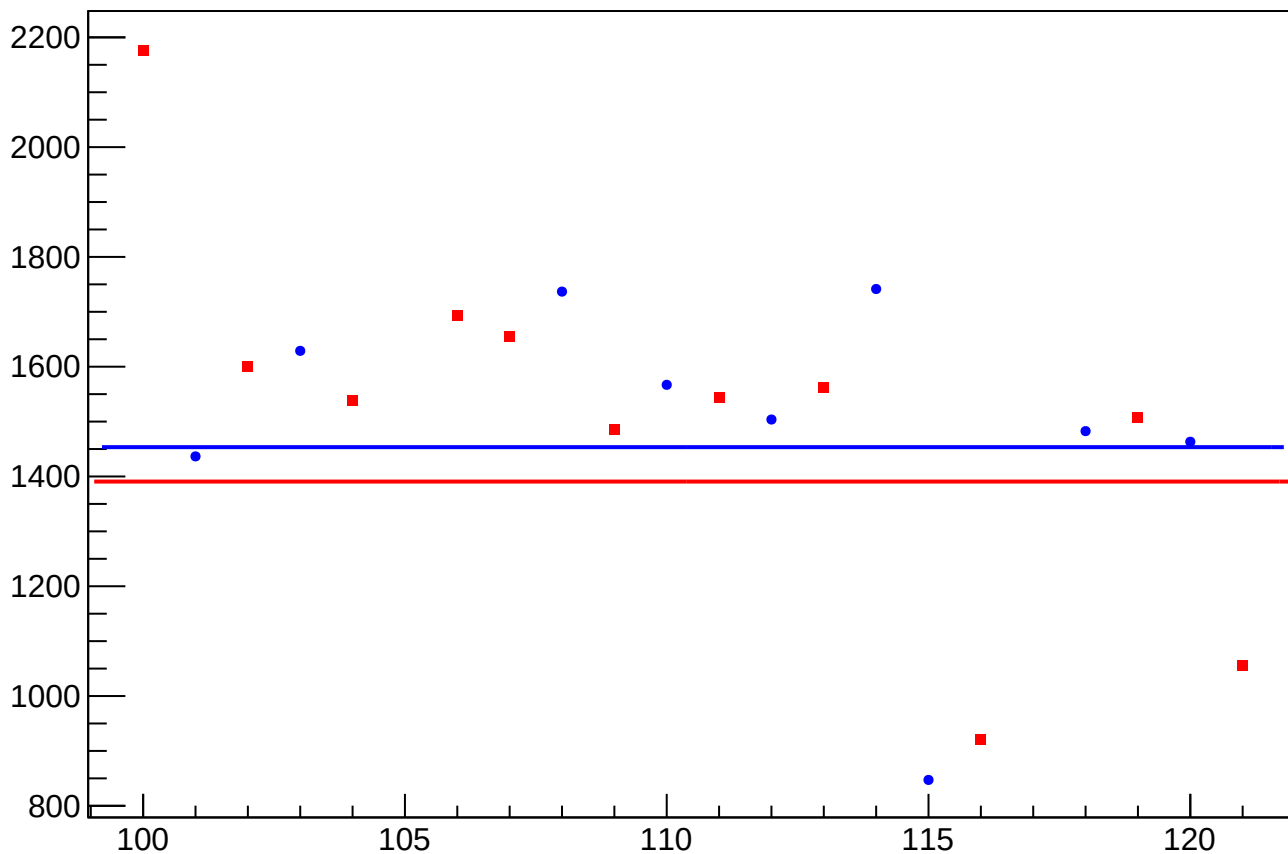
Right: 507.251+/-503.089 χ^2/NDF : 16.3/19

In: -338.709+/-768.481 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.251+/-503.089 χ^2/NDF : 16.3/19

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1453.407+/-0.543 χ^2/NDF : 192332.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.739+/-0.471 χ^2/NDF : 334436.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

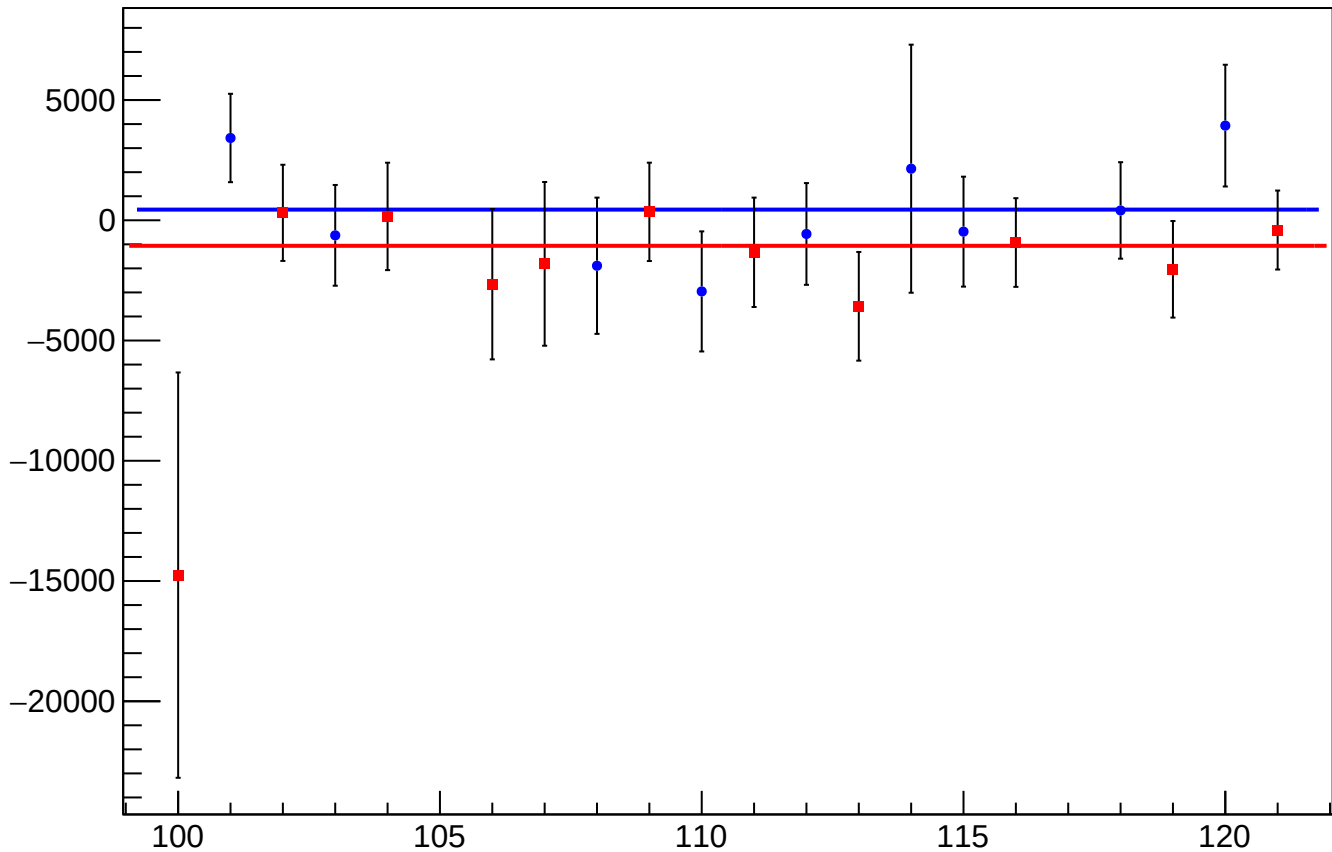
Right: 1417.597+/-0.356 χ^2/NDF : 534369.4/19

In: 1453.407+/-0.543 χ^2/NDF : 192332.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1417.597+/-0.356 χ^2/NDF : 534369.4/19

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 444.020+/-774.698 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1061.036+/-675.007 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

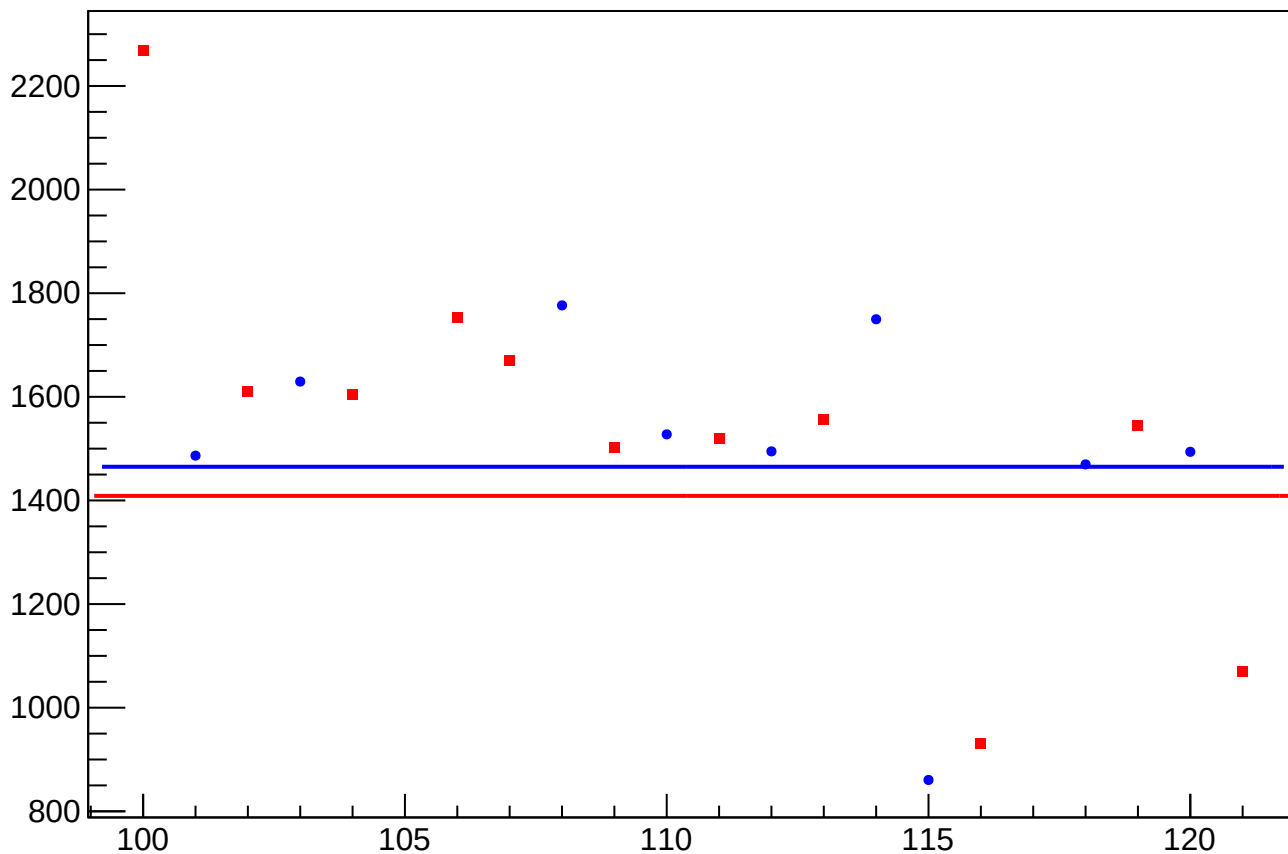
Right: -411.518+/-508.923 χ^2/NDF : 15.8/19

In: 444.020+/-774.698 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.518+/-508.923 χ^2/NDF : 15.8/19

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1465.023+/-0.548 χ^2/NDF : 184656.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1408.845+/-0.477 χ^2/NDF : 338385.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

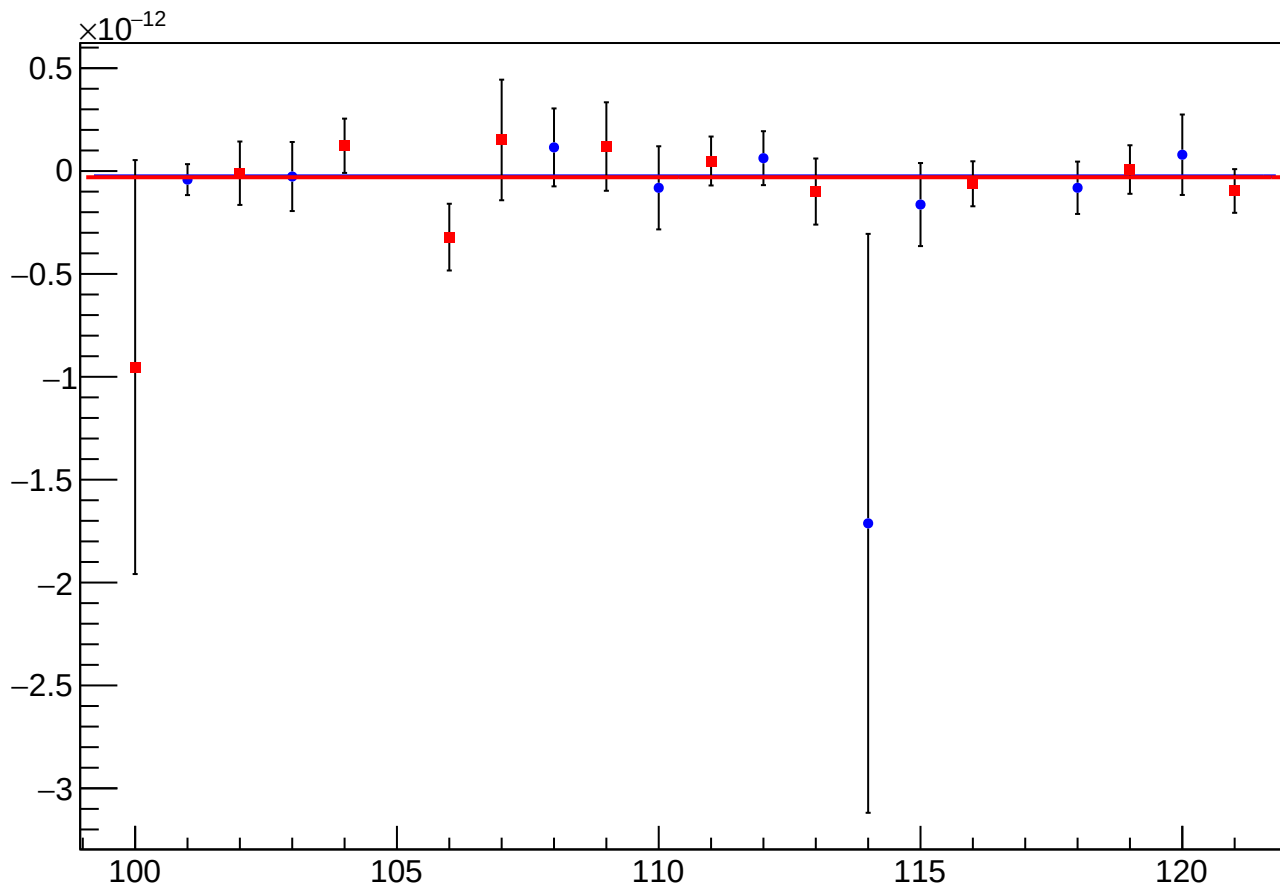
Right: 1433.089+/-0.360 χ^2/NDF : 529019.9/19

In: 1465.023+/-0.548 χ^2/NDF : 184656.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1433.089+/-0.360 χ^2/NDF : 529019.9/19

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

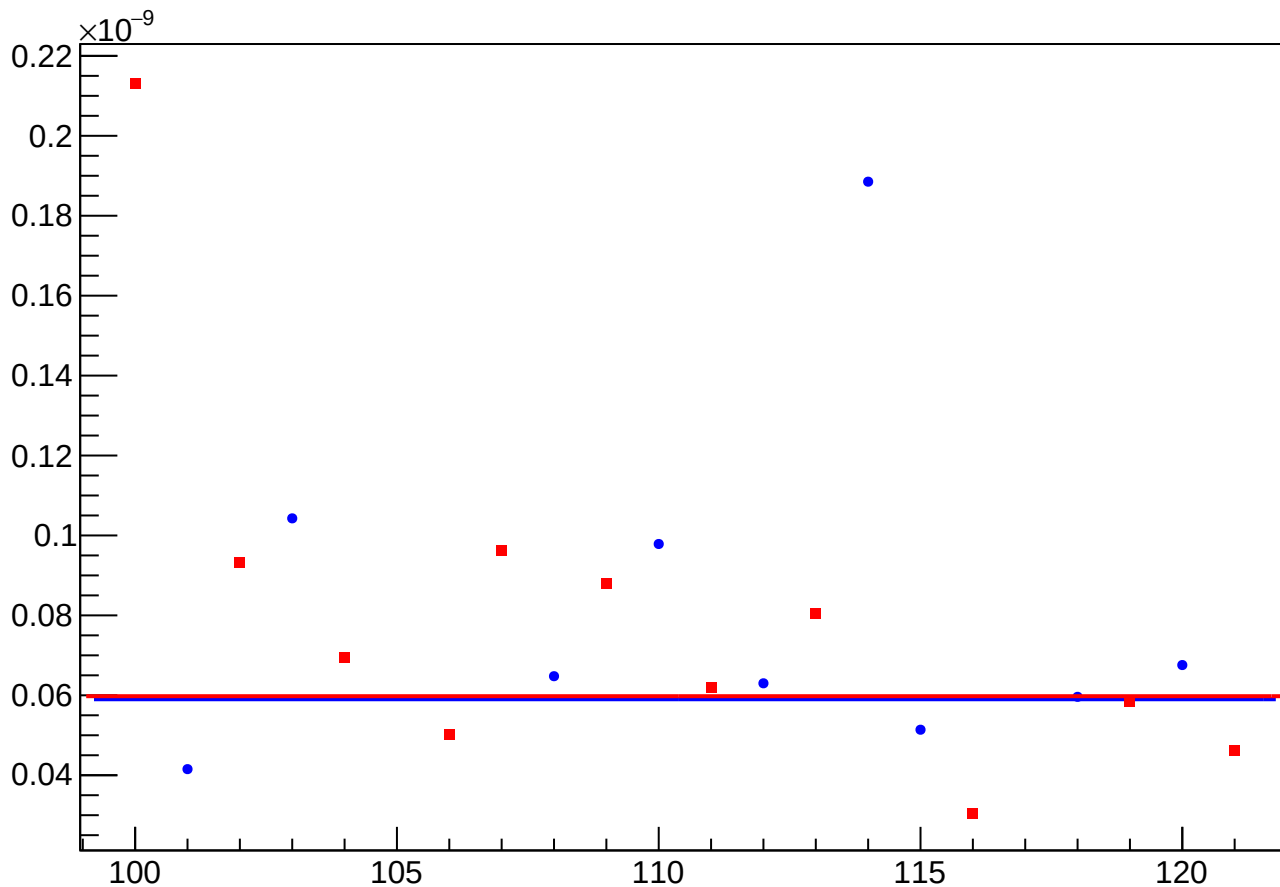
Right: -0.000+/-0.000 χ^2/NDF : 11.0/19

In: -0.000+/-0.000 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.0/19

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 354978.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 434664.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

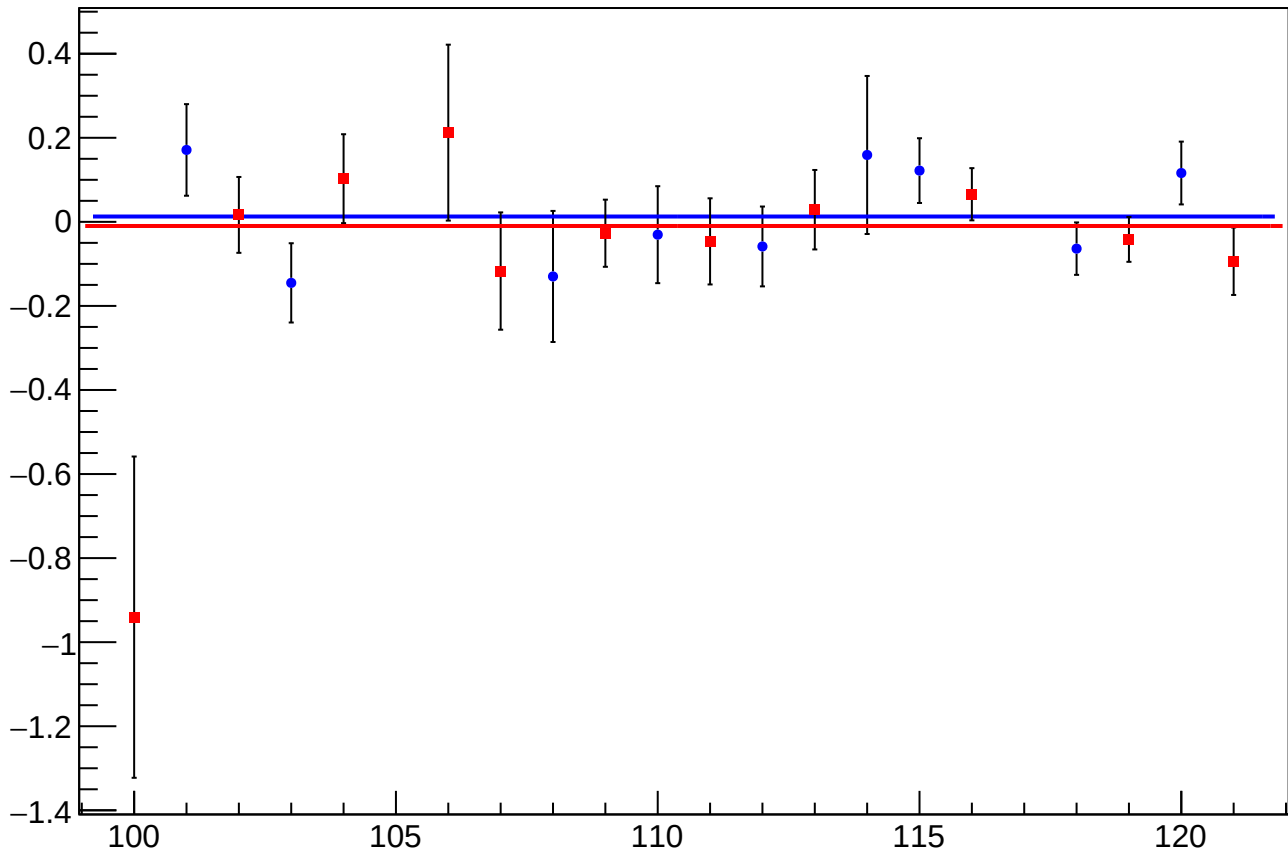
Right: 0.000+/-0.000 χ^2/NDF : 789920.2/19

In: 0.000+/-0.000 χ^2/NDF : 354978.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 789920.2/19

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.031 χ^2 /NDF: 12.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.027 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

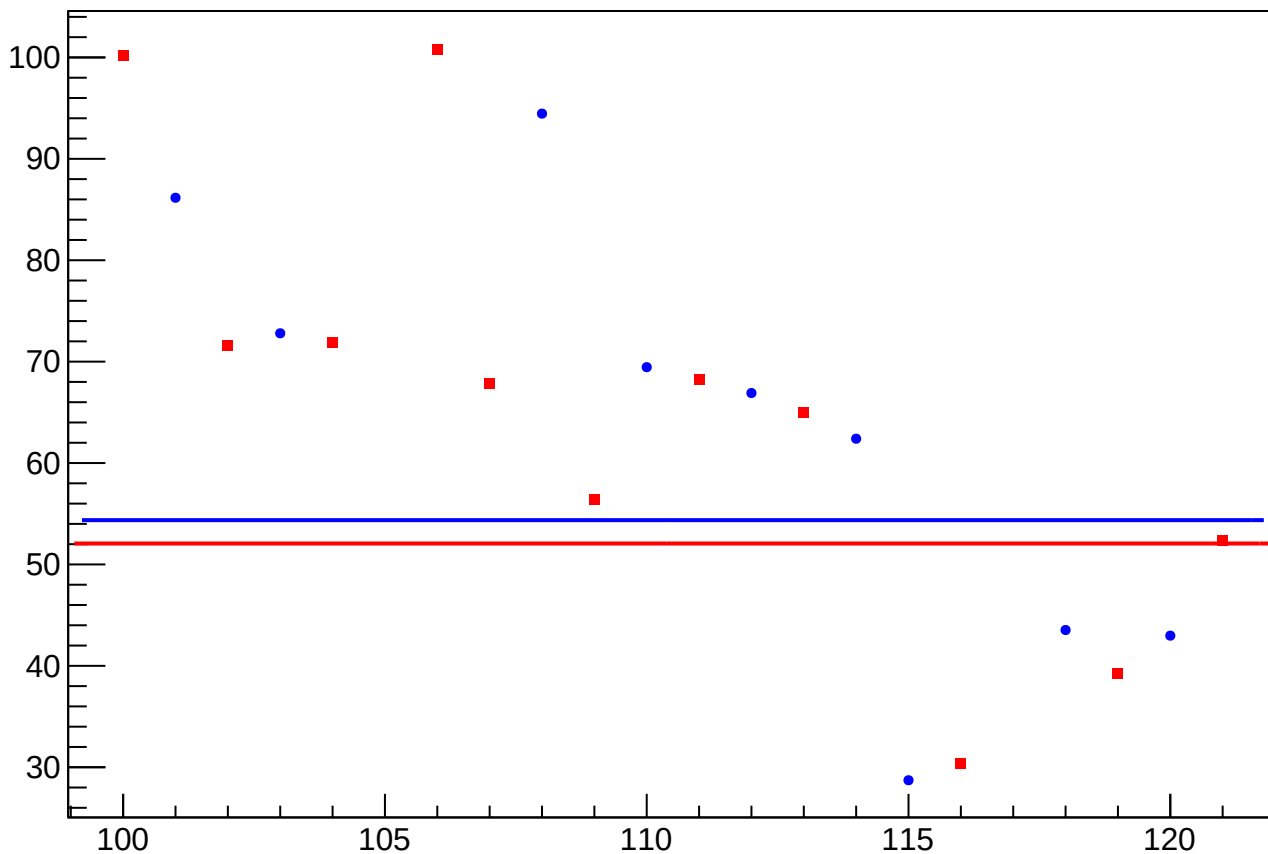
Right: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

In: 0.013 $\pm$ 0.031 χ^2 /NDF:12.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.064+/-0.019 χ^2/NDF : 781459.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

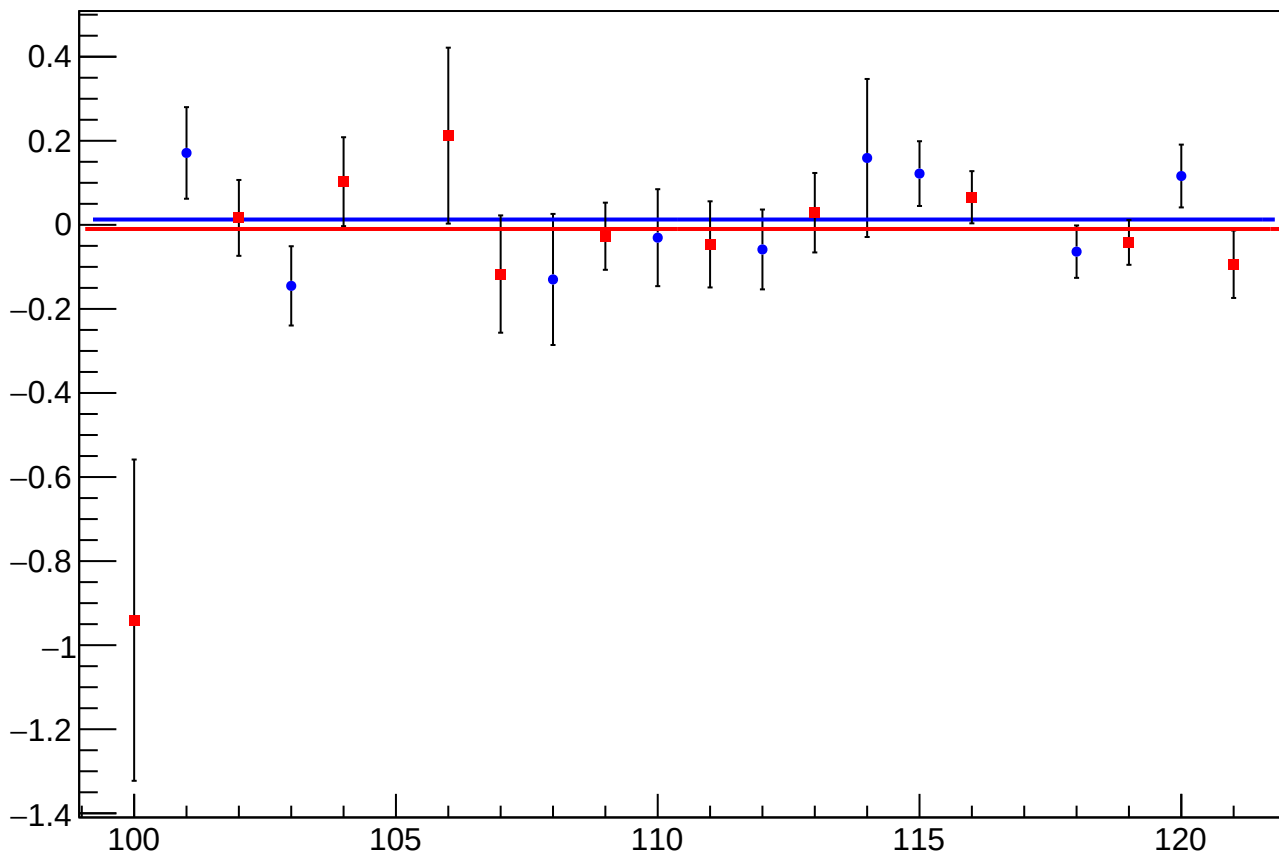
Right: 53.046+/-0.014 χ^2/NDF : 1568161.4/19

In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.046+/-0.014 χ^2/NDF : 1568161.4/19

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.031 χ^2 /NDF: 12.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.027 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

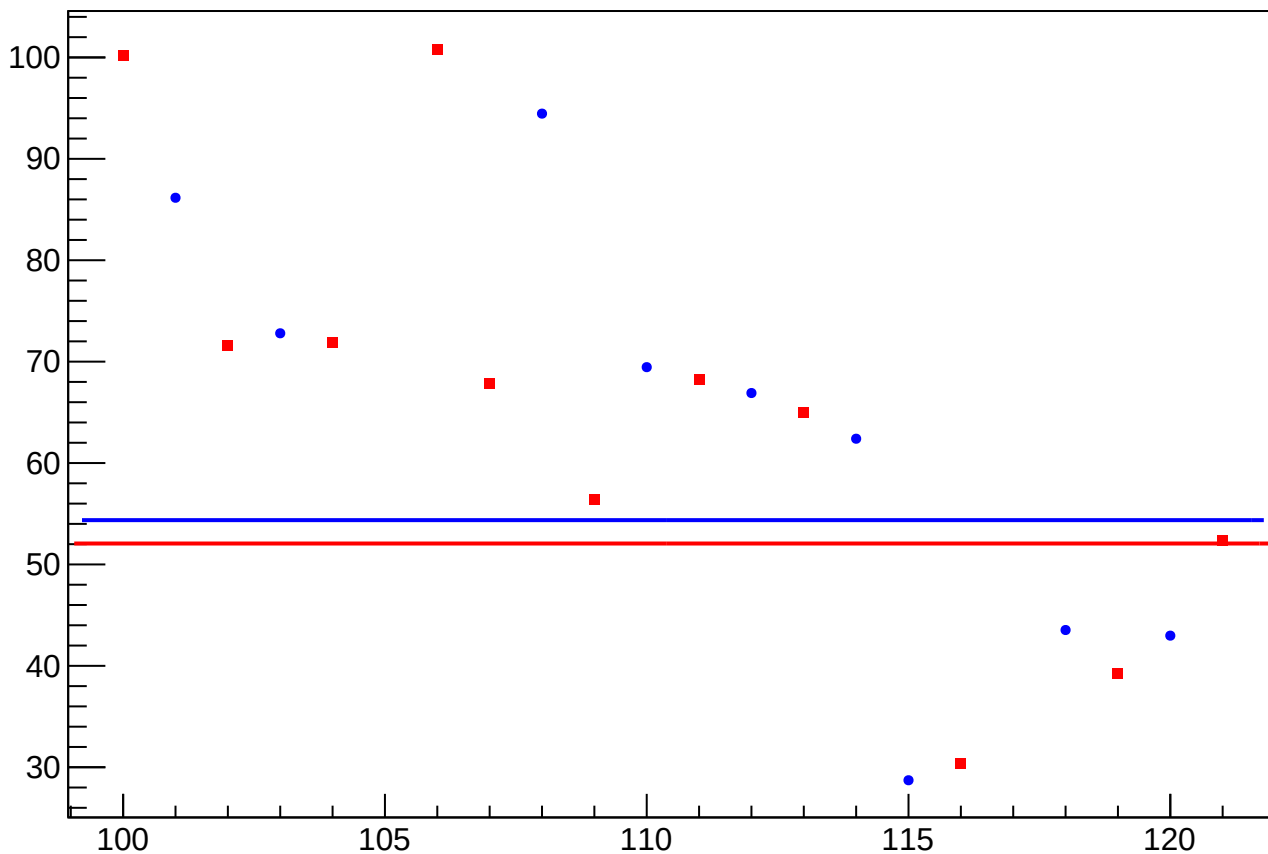
Right: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

In: 0.013 $\pm$ 0.031 χ^2 /NDF:12.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.064+/-0.019 χ^2/NDF : 781459.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

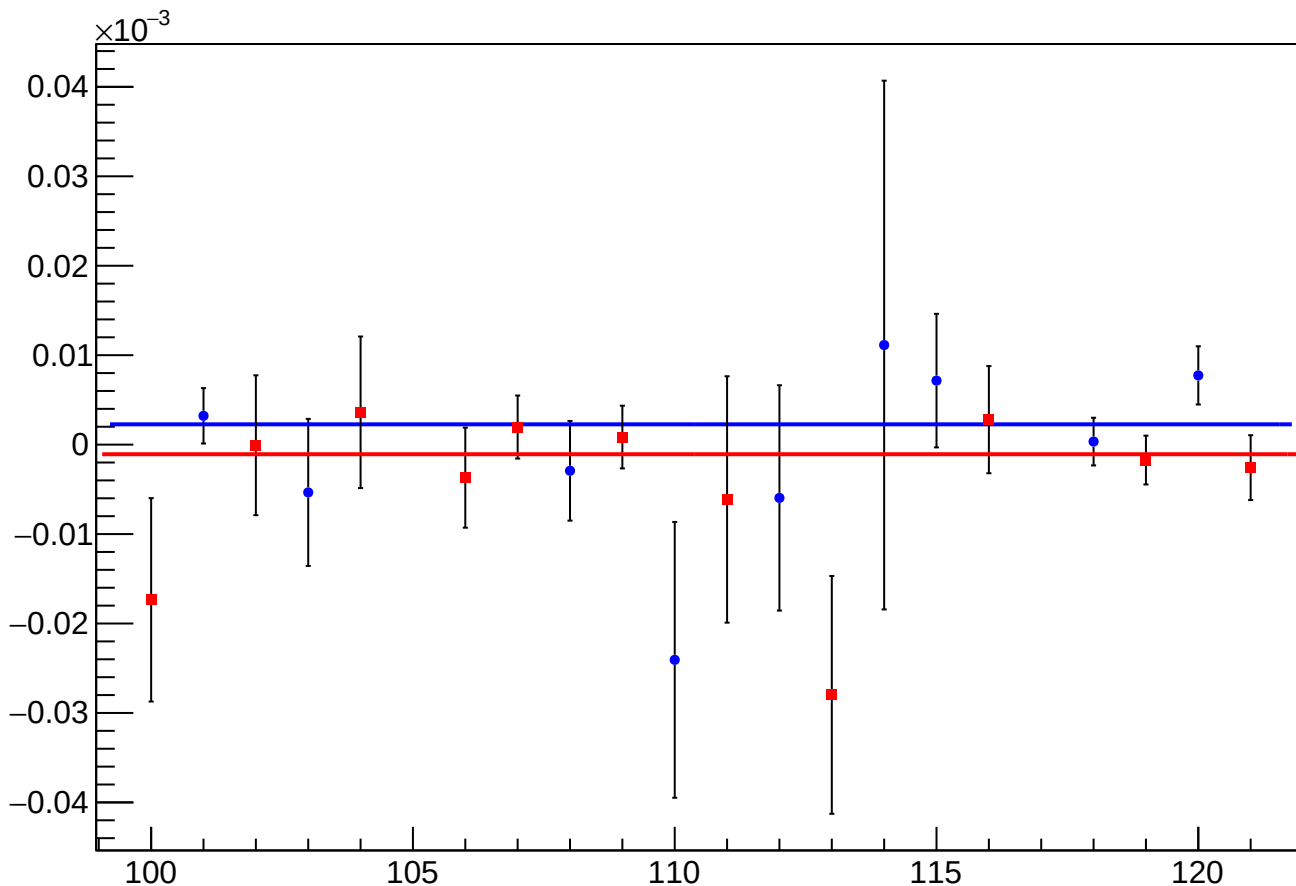
Right: 53.046+/-0.014 χ^2/NDF : 1568161.4/19

In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.046+/-0.014 χ^2/NDF : 1568161.4/19

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

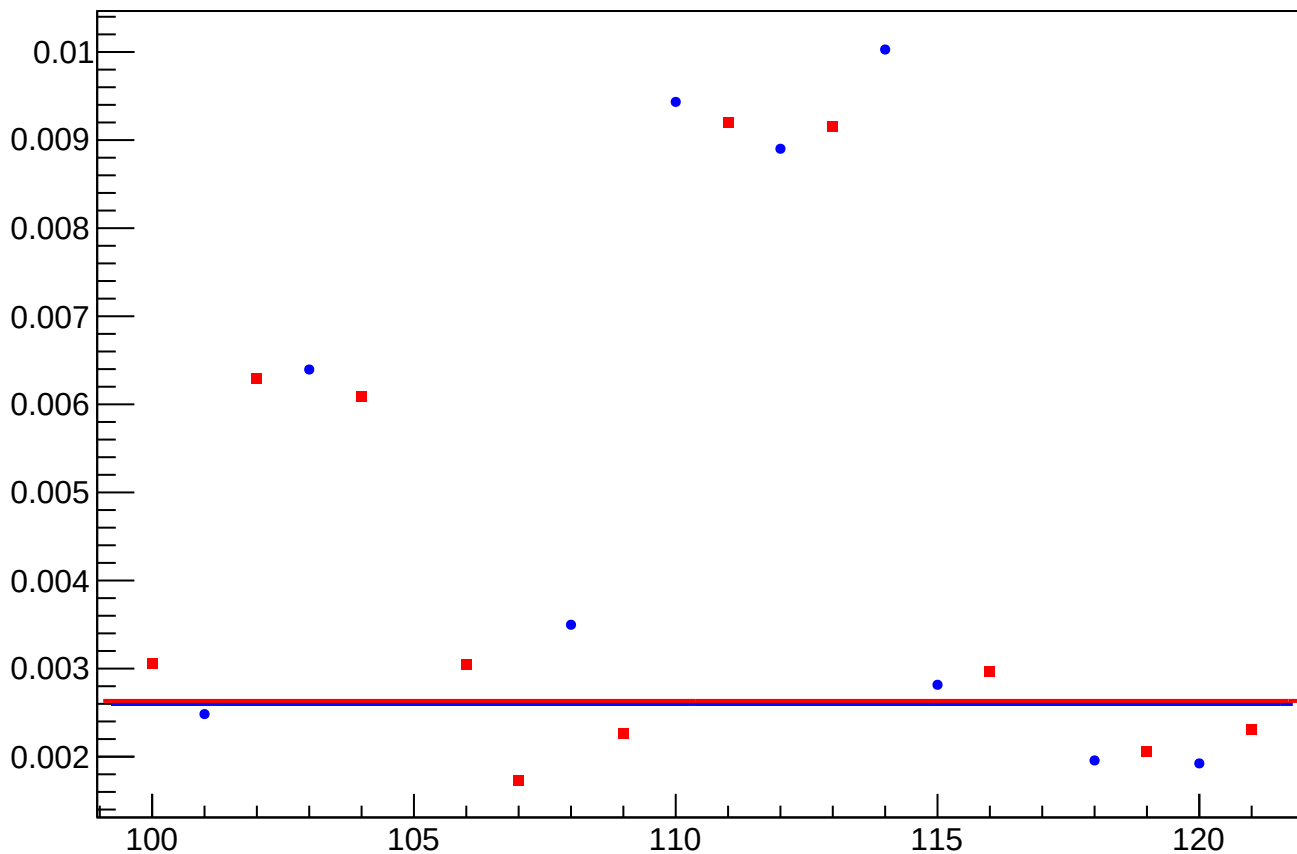
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/19

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1705159.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1987122.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

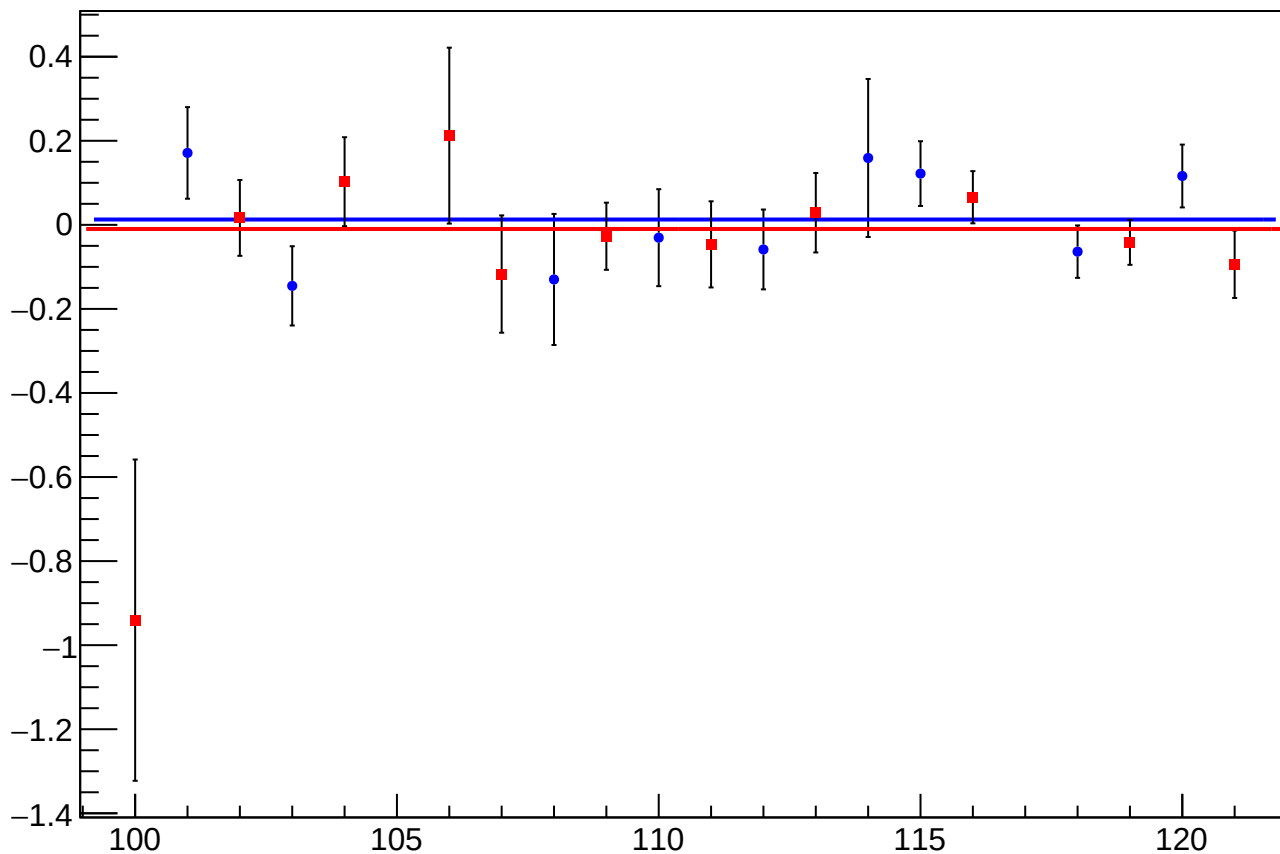
Right: 0.003+/-0.000 χ^2/NDF : 3692821.3/19

In: 0.003+/-0.000 χ^2/NDF : 1705159.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3692821.3/19

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.031 χ^2 /NDF: 12.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.027 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

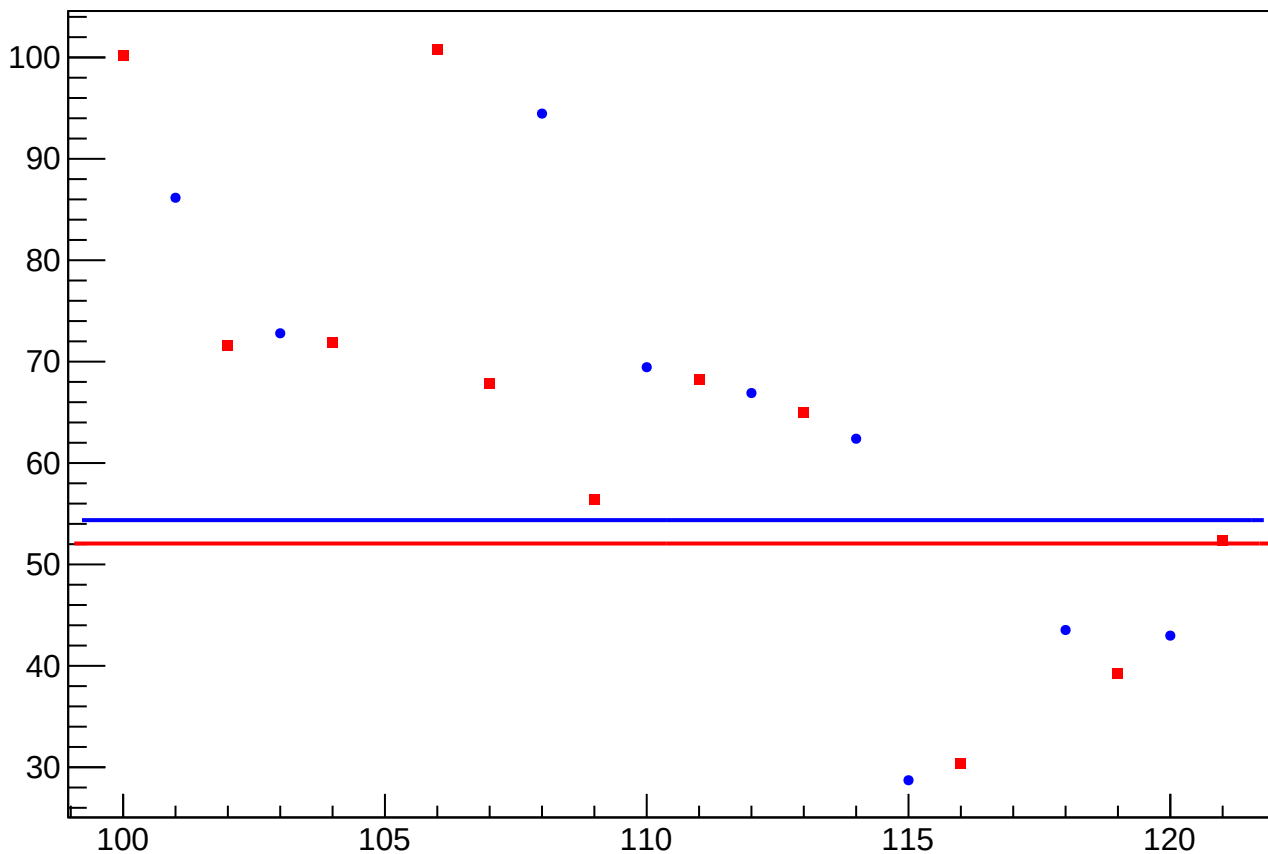
Right: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

In: 0.013 $\pm$ 0.031 χ^2 /NDF:12.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.064+/-0.019 χ^2/NDF : 781418.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

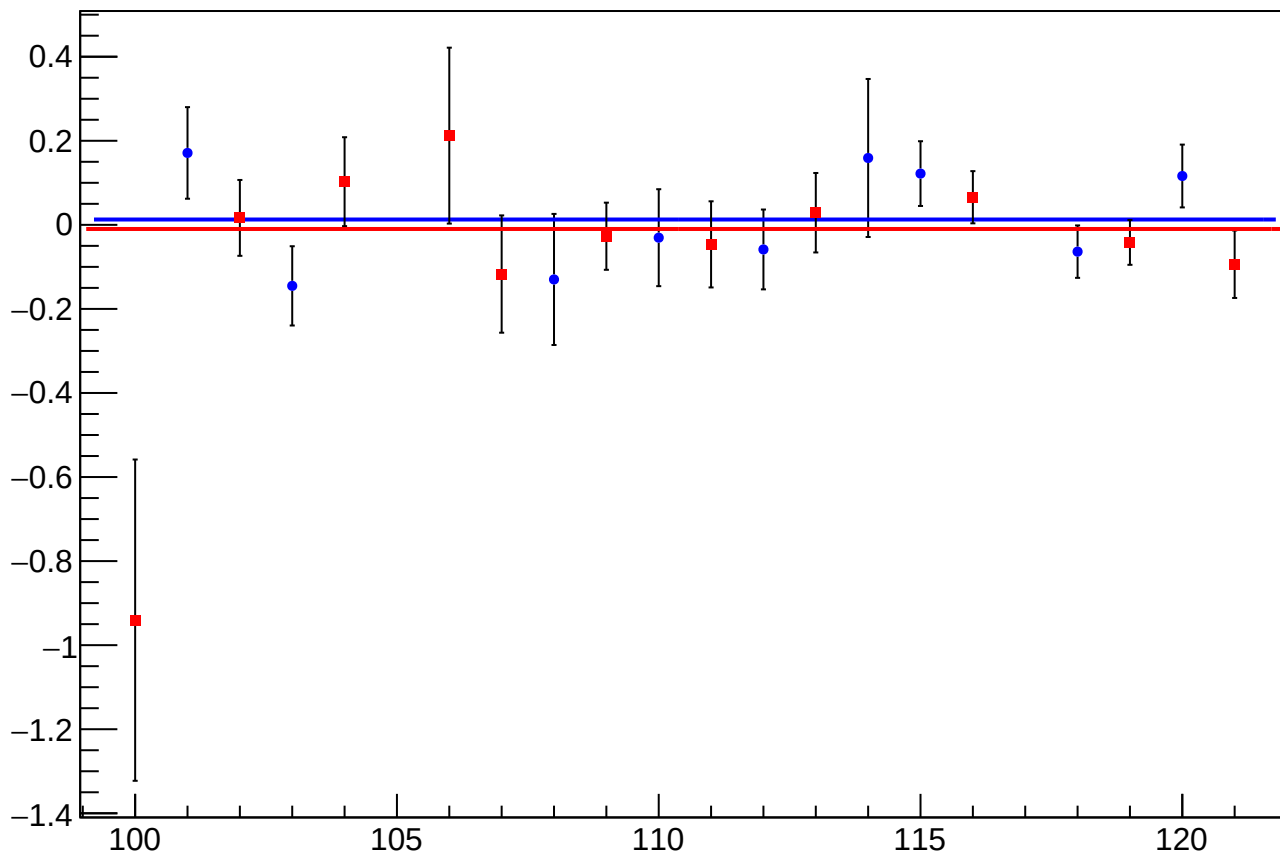
Right: 53.046+/-0.014 χ^2/NDF : 1568085.0/19

In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.046+/-0.014 χ^2/NDF : 1568085.0/19

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.031 χ^2 /NDF: 12.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.027 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

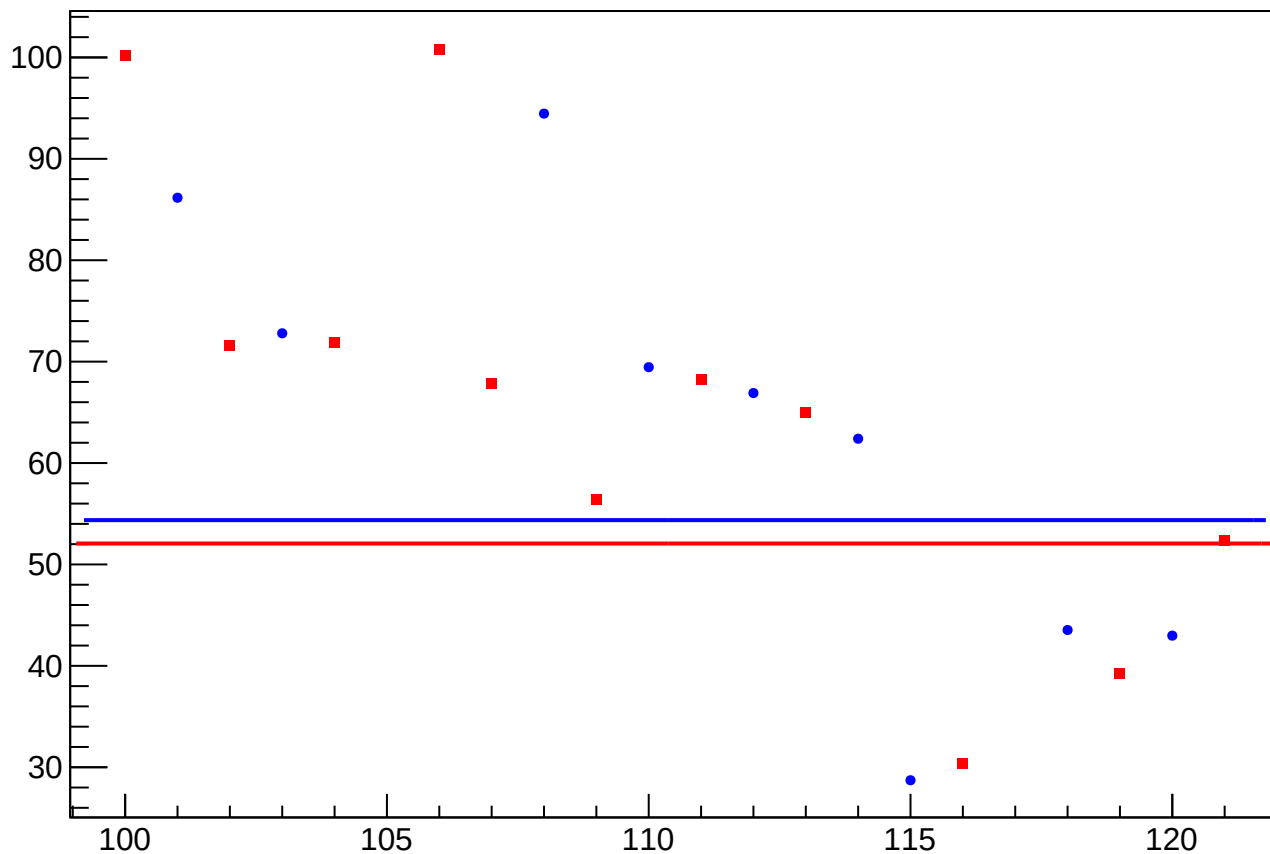
Right: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

In: 0.013 $\pm$ 0.031 χ^2 /NDF:12.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.020 χ^2 /NDF: 24.9/19

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.064+/-0.019 χ^2/NDF : 781418.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

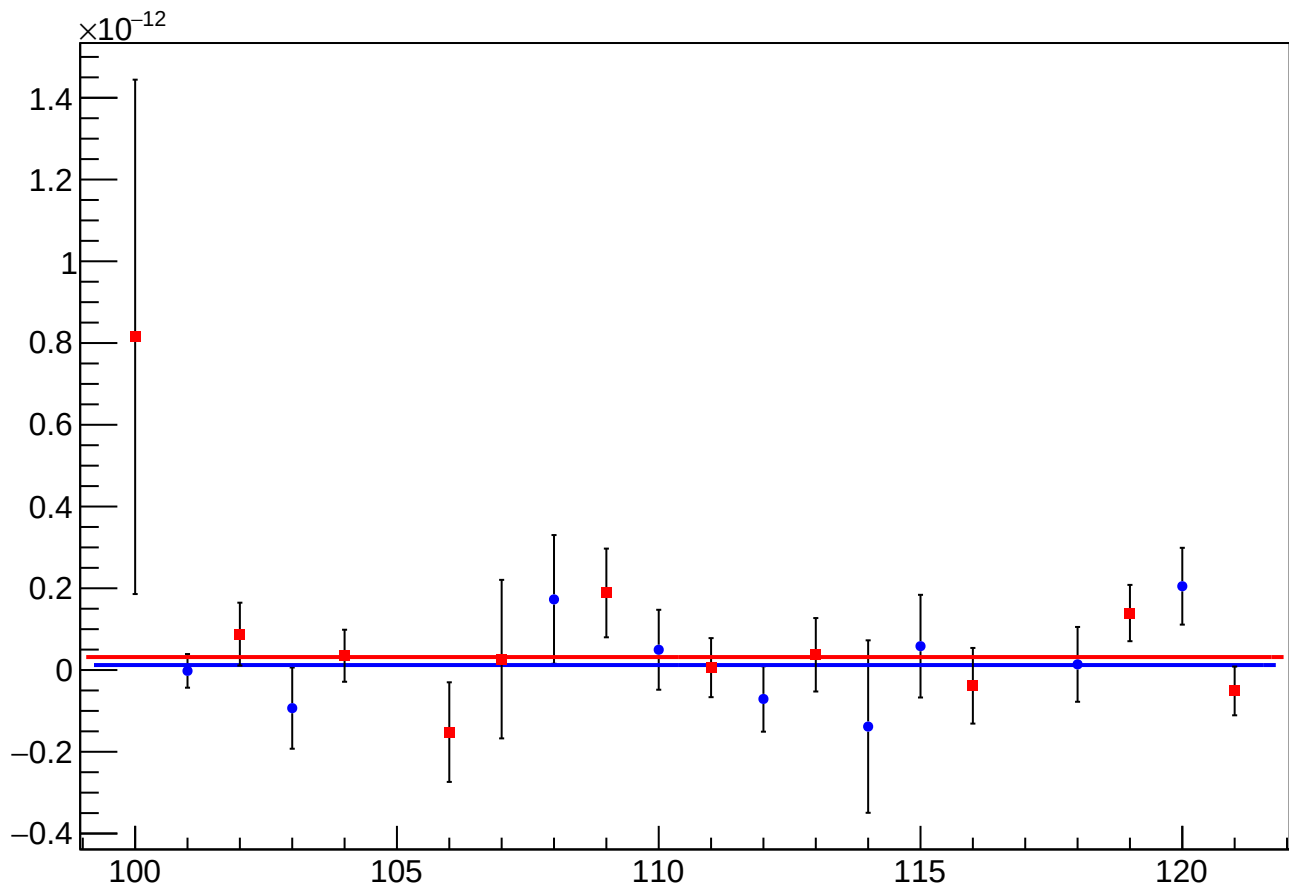
Right: 53.046+/-0.014 χ^2/NDF : 1568085.0/19

In: 54.369+/-0.022 χ^2/NDF :780222.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.046+/-0.014 χ^2/NDF : 1568085.0/19

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

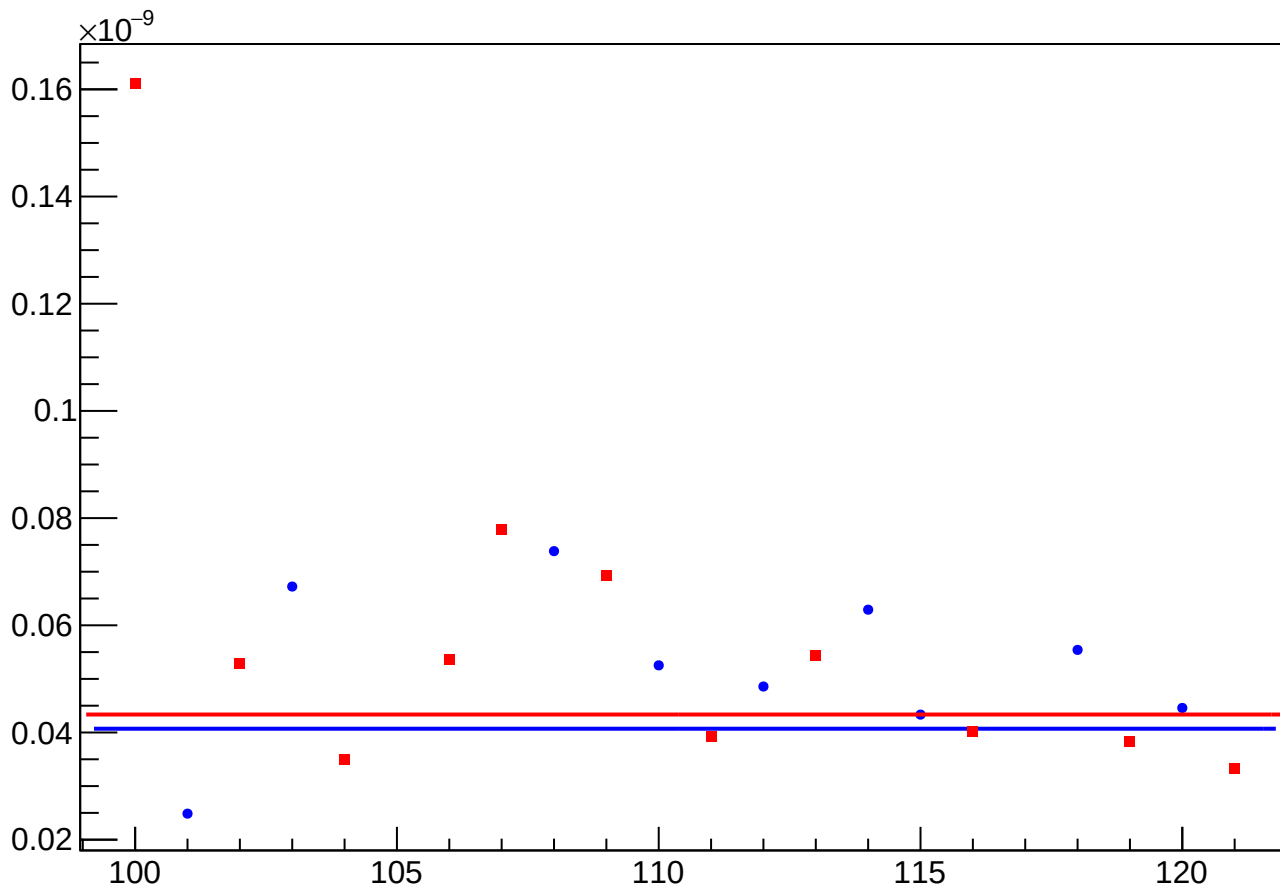
Right: 0.000+/-0.000 χ^2/NDF : 20.2/19

In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.2/19

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 653994.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 434168.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

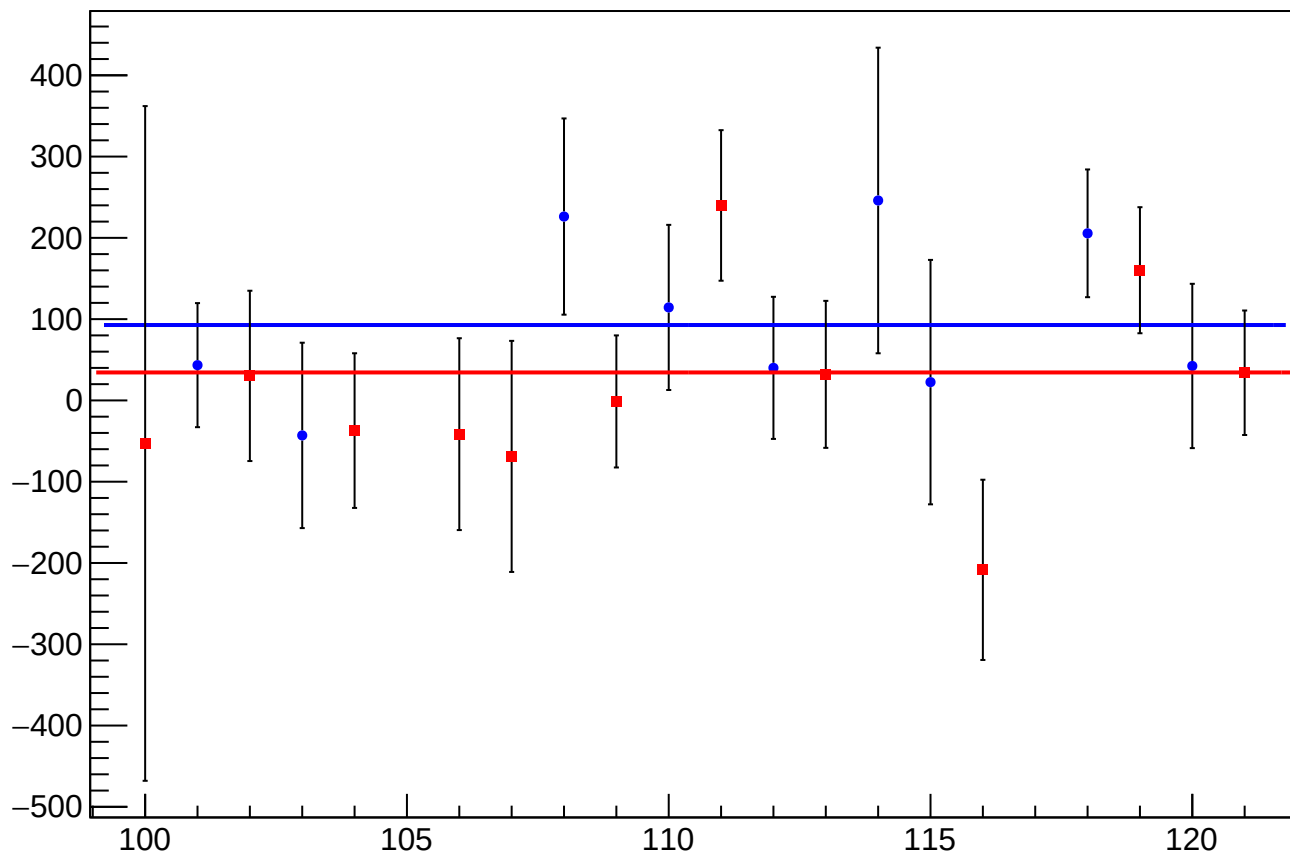
Right: 0.000+/-0.000 χ^2/NDF : 1098040.7/19

In: 0.000+/-0.000 χ^2/NDF : 653994.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1098040.7/19

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 92.773+/-33.762 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.411+/-29.653 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

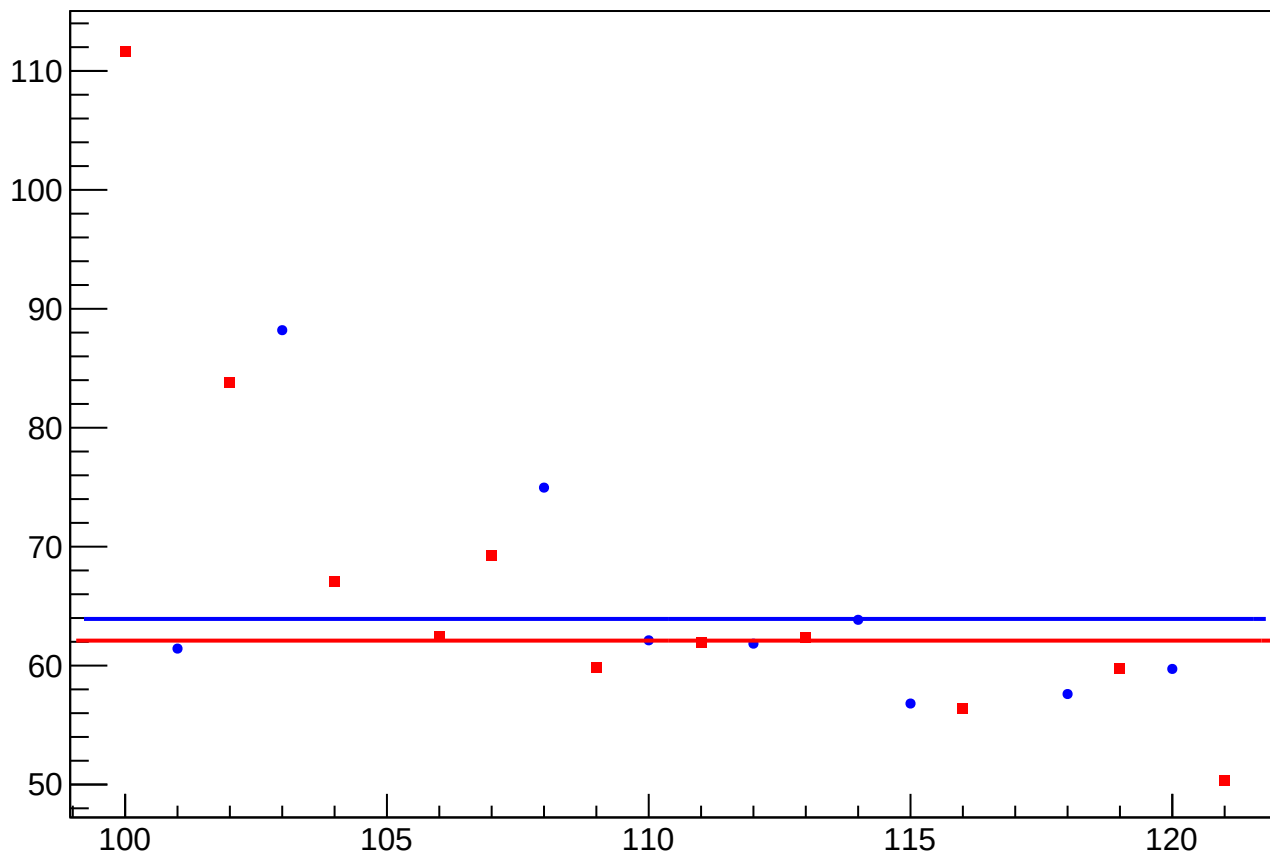
Right: 59.826+/-22.280 χ^2/NDF : 22.4/19

In: 92.773+/-33.762 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.826+/-22.280 χ^2/NDF : 22.4/19

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 63.923+/-0.024 χ^2/NDF : 132135.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.100+/-0.021 χ^2/NDF : 180810.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

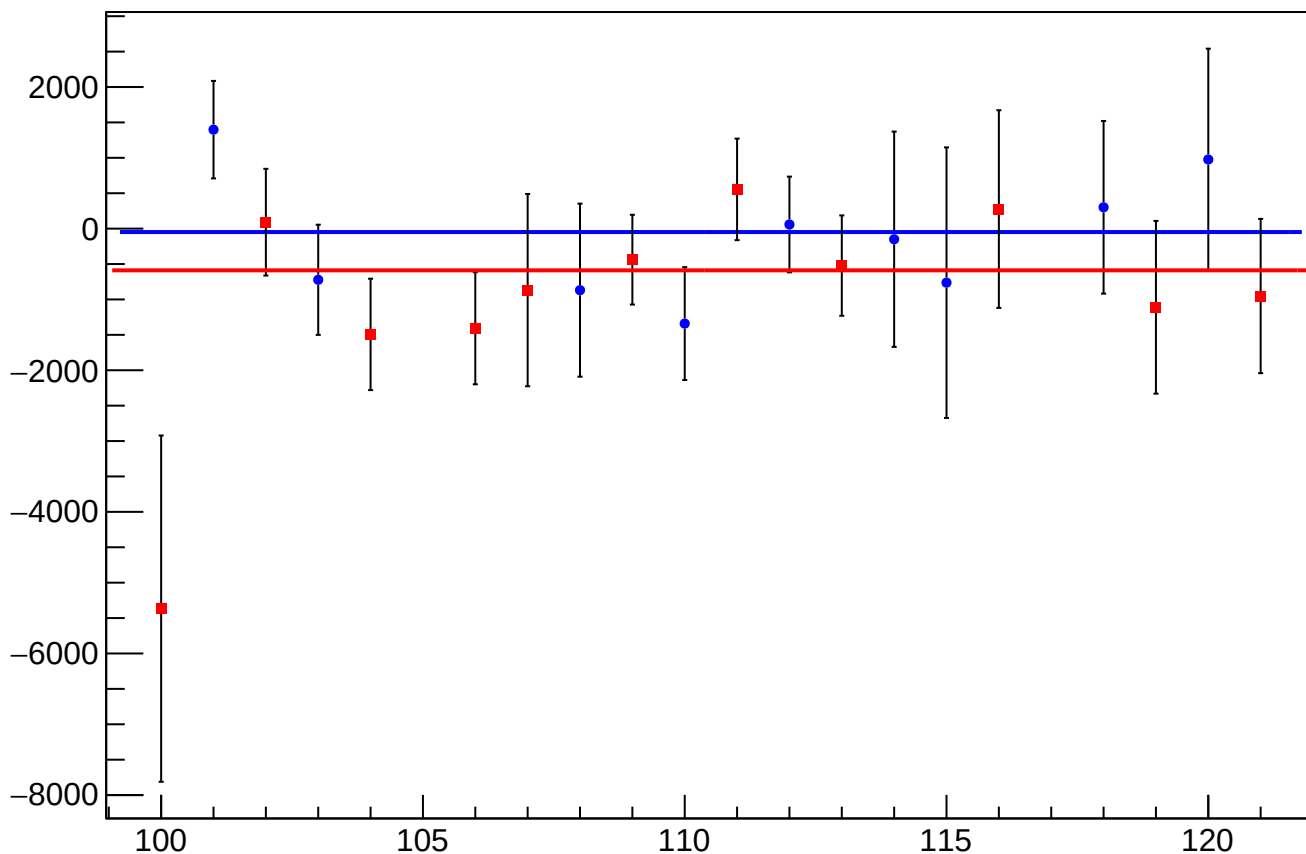
Right: 62.894+/-0.016 χ^2/NDF : 316237.4/19

In: 63.923+/-0.024 χ^2/NDF : 132135.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.894+/-0.016 χ^2/NDF : 316237.4/19

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -48.217+/-316.522 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.135+/-265.992 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

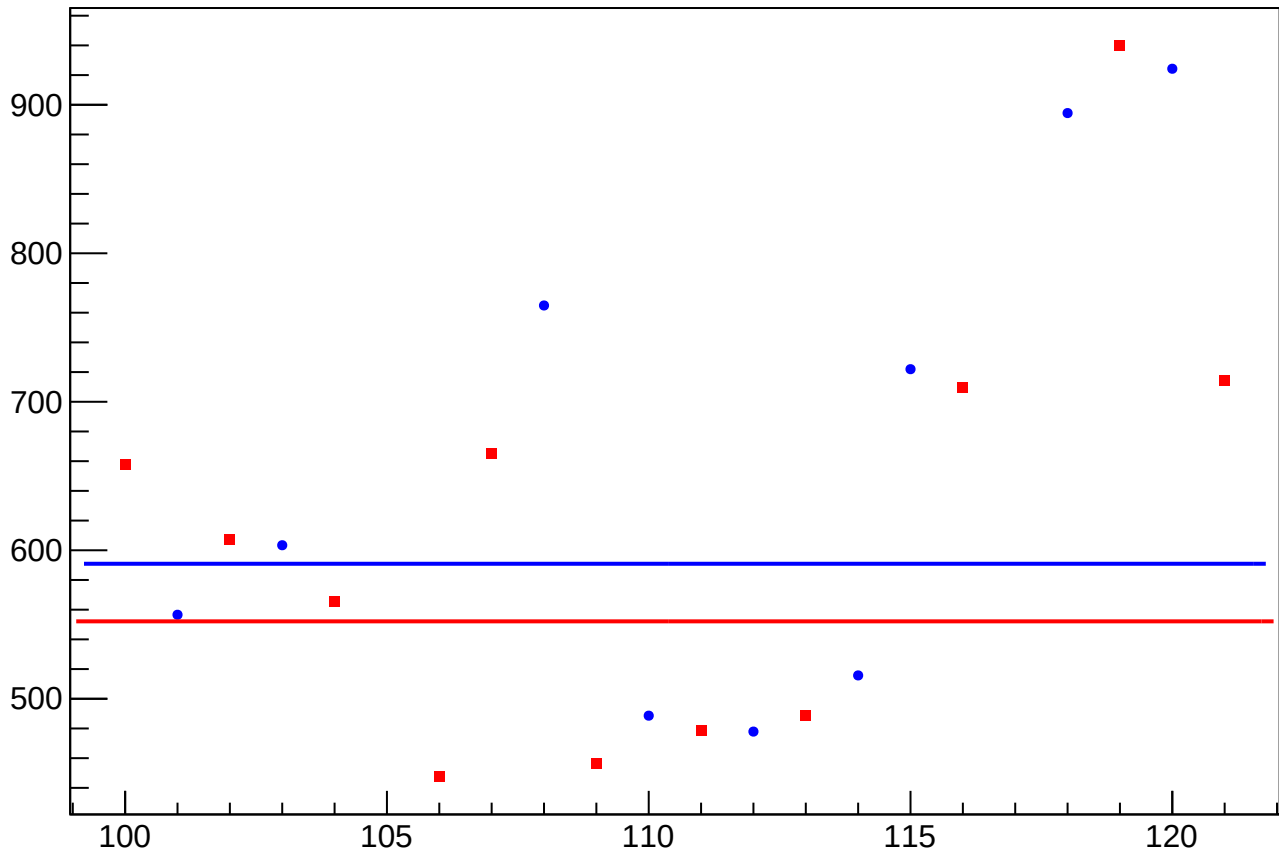
Right: -365.248+/-203.635 χ^2/NDF : 21.0/19

In: -48.217+/-316.522 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.248+/-203.635 χ^2/NDF : 21.0/19

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 590.917+/-0.224 χ^2/NDF : 363858.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.138+/-0.188 χ^2/NDF : 417752.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

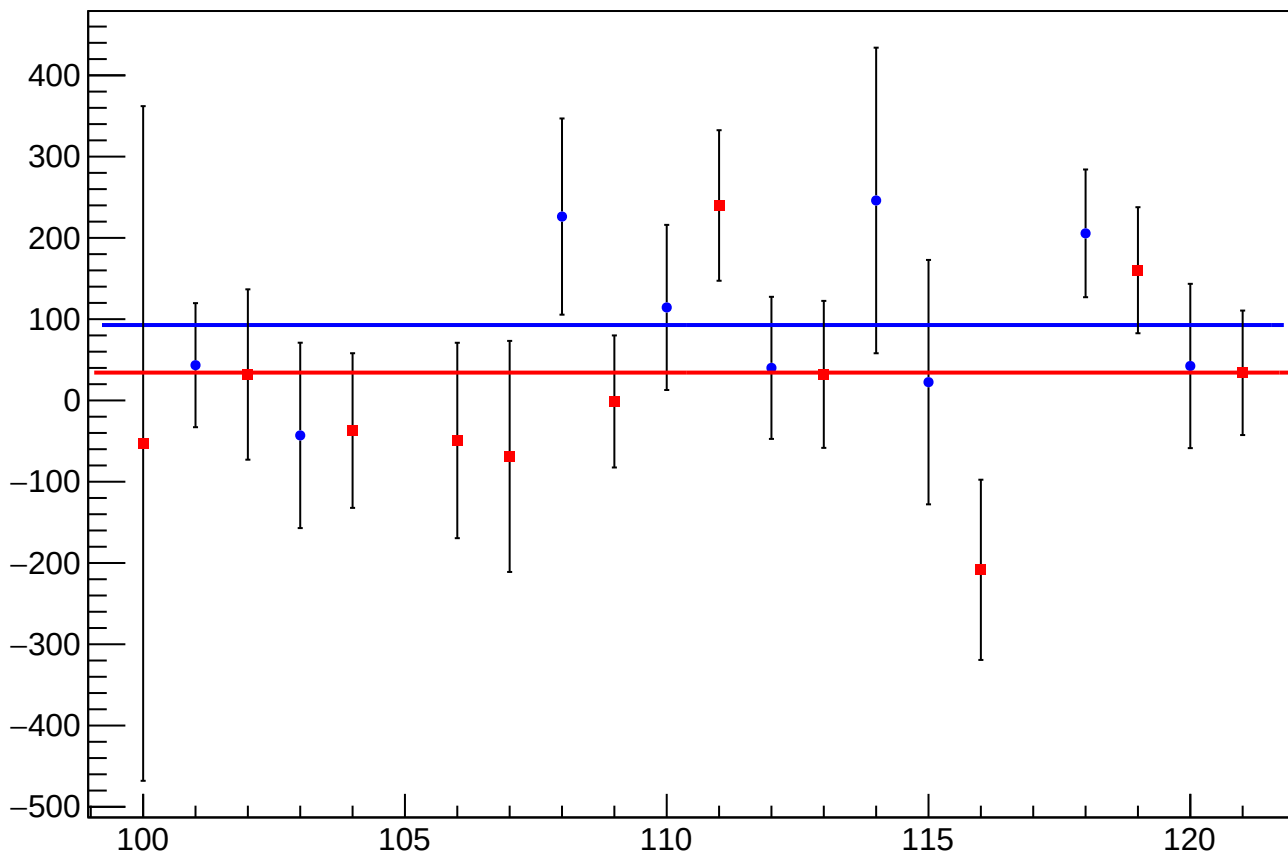
Right: 568.188+/-0.144 χ^2/NDF : 799206.2/19

In: 590.917+/-0.224 χ^2/NDF : 363858.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.188+/-0.144 χ^2/NDF : 799206.2/19

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 92.790 $\pm$ 33.762 χ^2 /NDF: 6.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.261 $\pm$ 29.688 χ^2 /NDF: 14.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

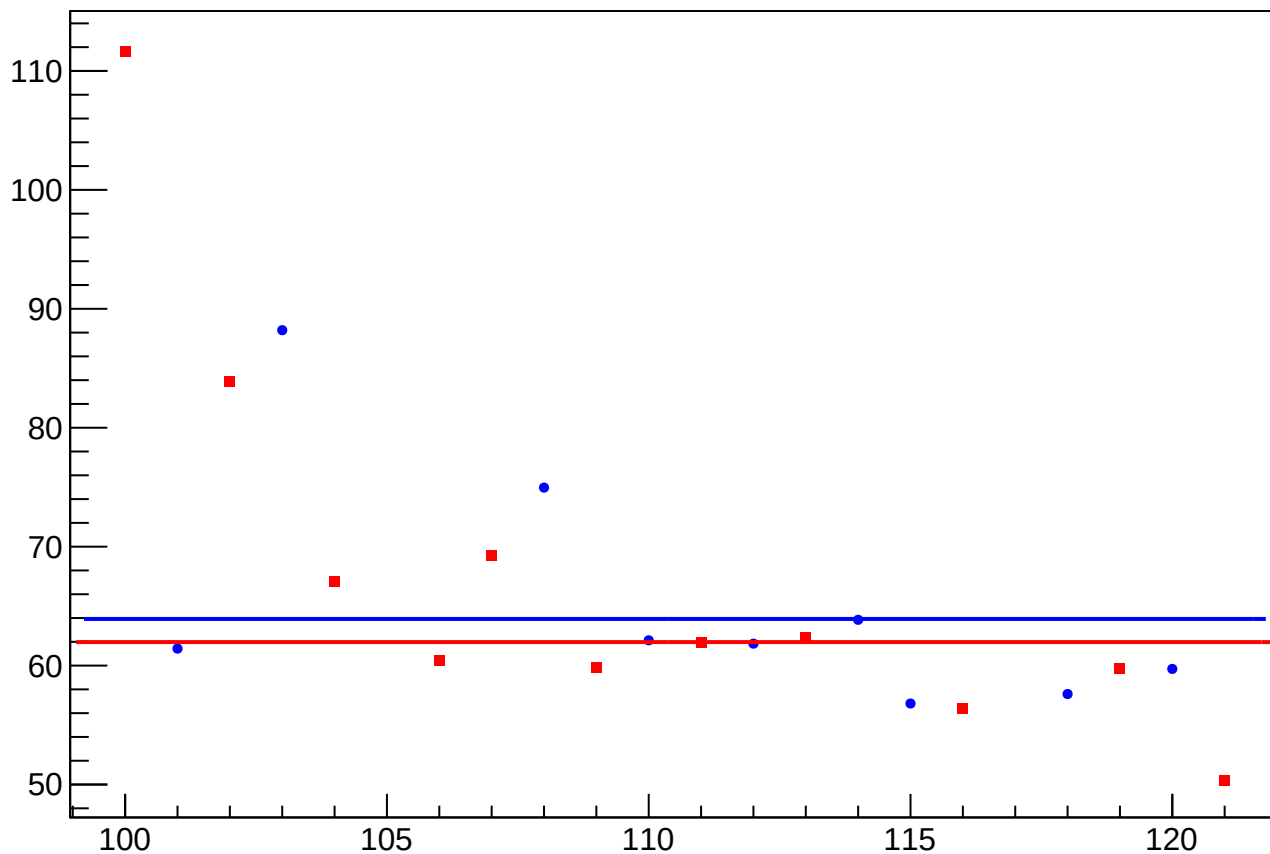
Right: 59.783 $\pm$ 22.294 χ^2 /NDF: 22.5/19

In: 92.790 $\pm$ 33.762 χ^2 /NDF:6.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.783 $\pm$ 22.294 χ^2 /NDF: 22.5/19

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.977+/-0.021 χ^2/NDF : 181361.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

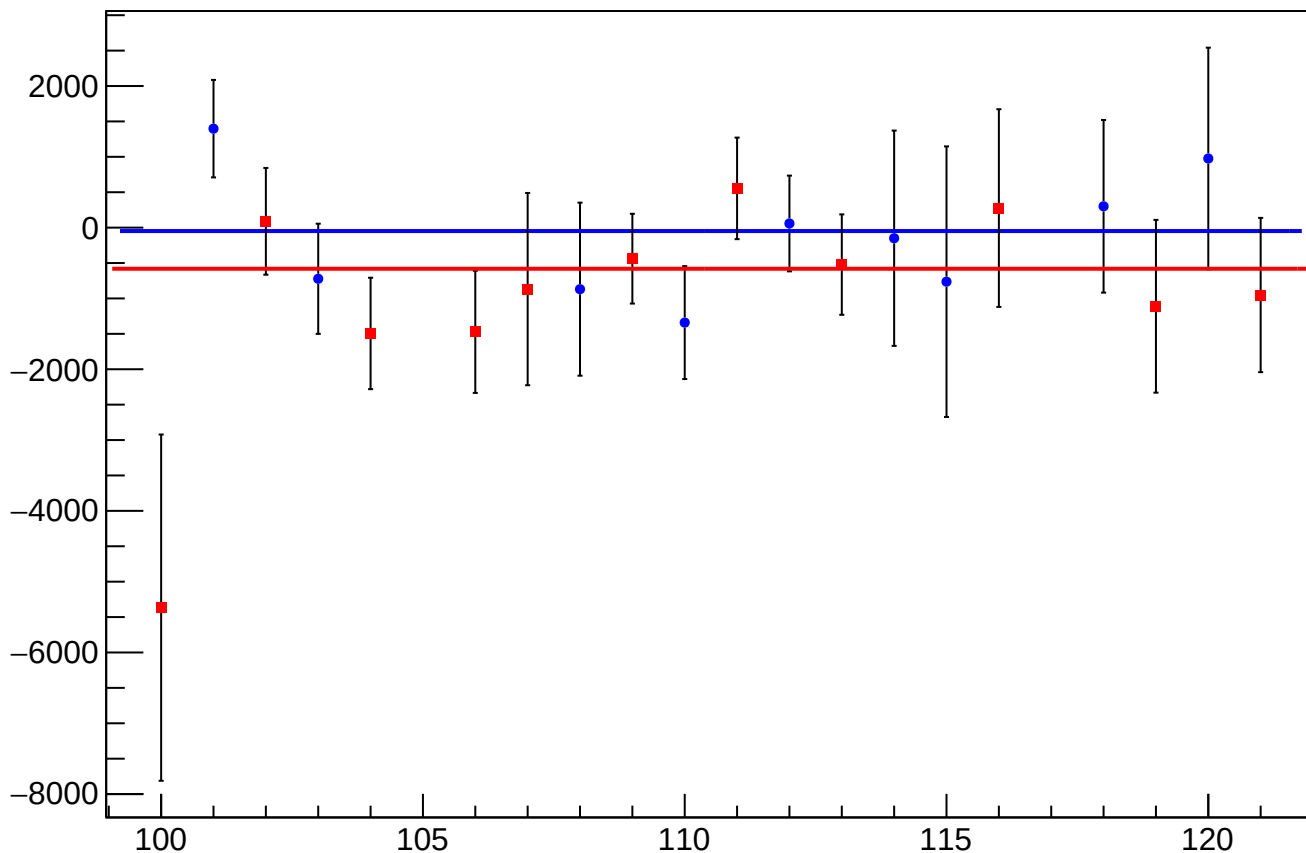
Right: 62.825+/-0.016 χ^2/NDF : 317250.6/19

In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.825+/-0.016 χ^2/NDF : 317250.6/19

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -48.153+/-316.526 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -580.791+/-268.425 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

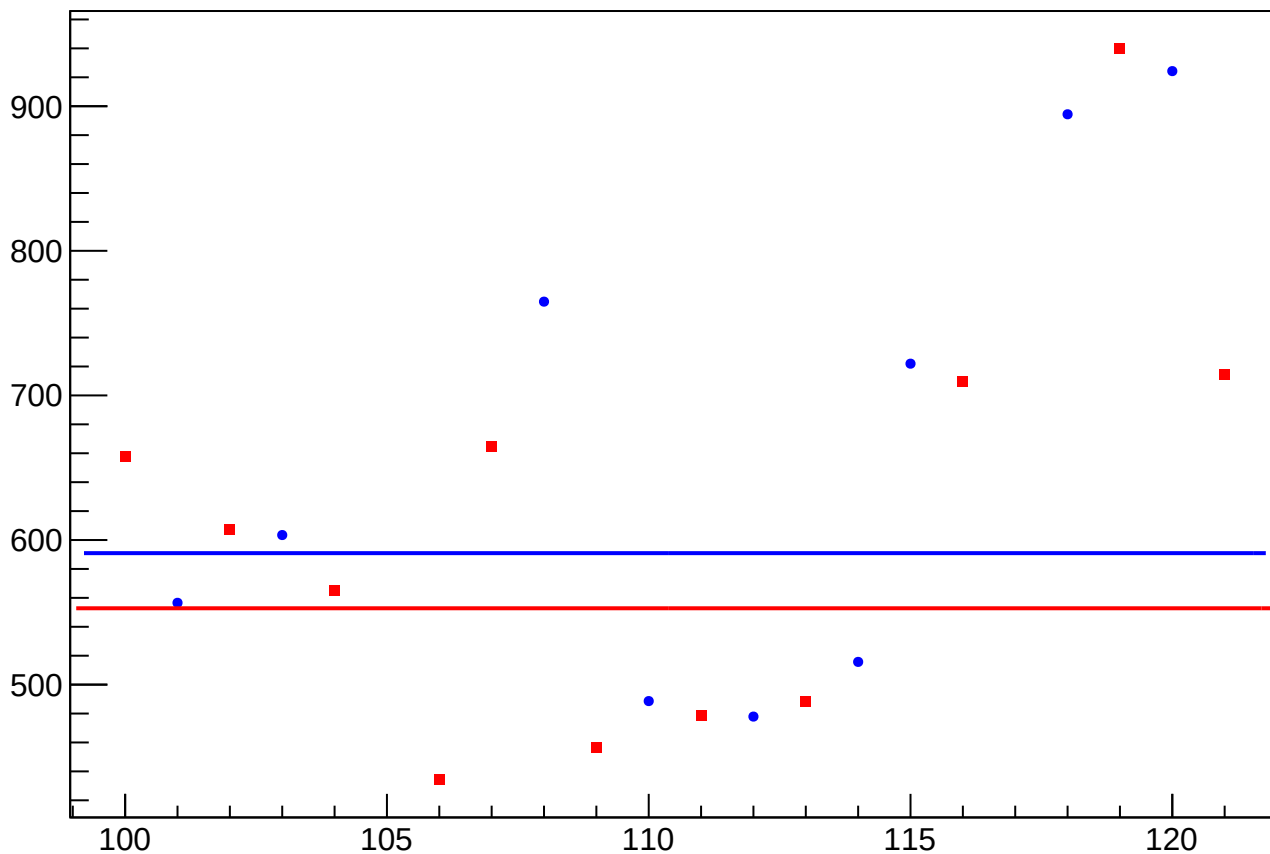
Right: -357.978+/-204.722 χ^2/NDF : 20.9/19

In: -48.153+/-316.526 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.978+/-204.722 χ^2/NDF : 20.9/19

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.800+/-0.190 χ^2/NDF : 420194.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

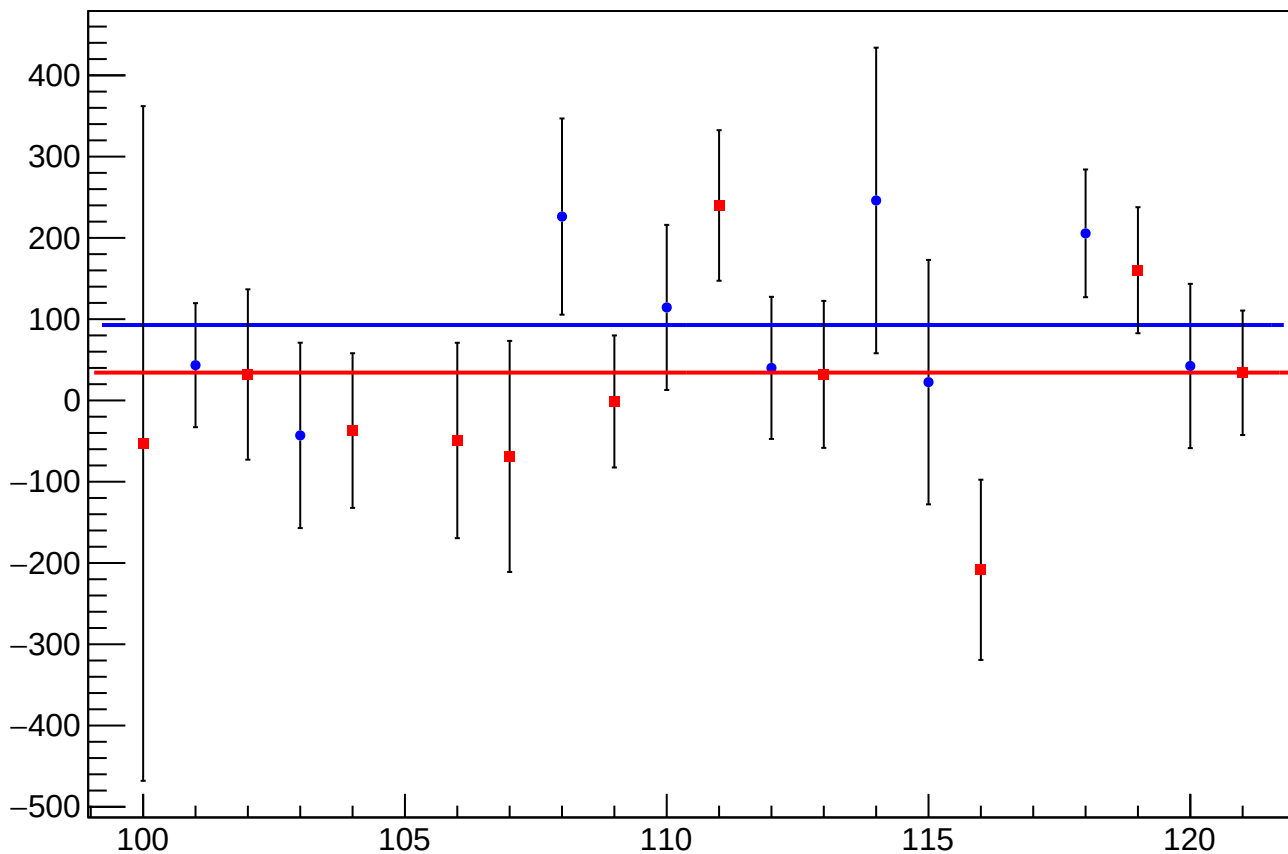
Right: 568.748+/-0.145 χ^2/NDF : 800934.0/19

In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.748+/-0.145 χ^2/NDF : 800934.0/19

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 92.790+/-33.762 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.261+/-29.688 χ^2/NDF : 14.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

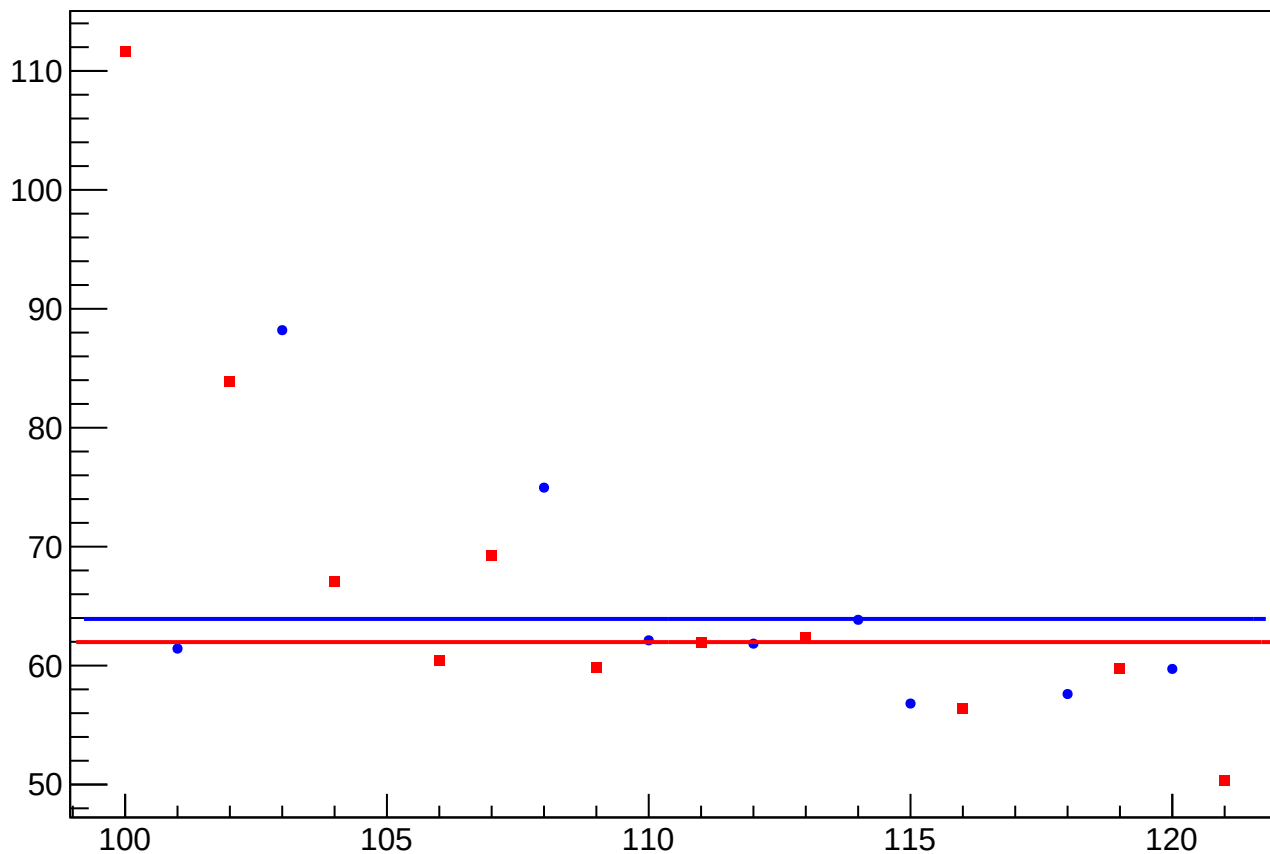
Right: 59.783+/-22.294 χ^2/NDF : 22.5/19

In: 92.790+/-33.762 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.783+/-22.294 χ^2/NDF : 22.5/19

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.977+/-0.021 χ^2/NDF : 181361.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

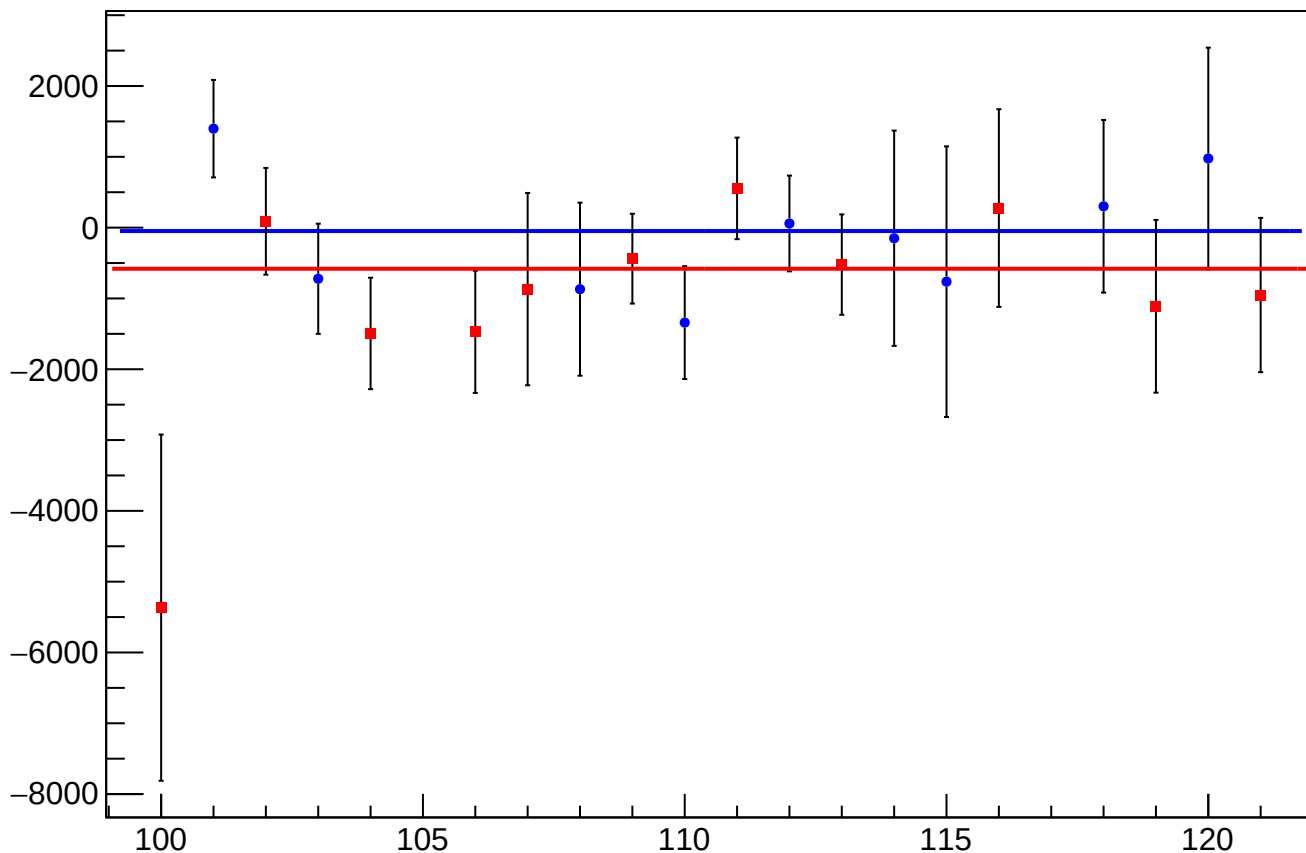
Right: 62.825+/-0.016 χ^2/NDF : 317250.6/19

In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.825+/-0.016 χ^2/NDF : 317250.6/19

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -48.153+/-316.526 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -580.791+/-268.425 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

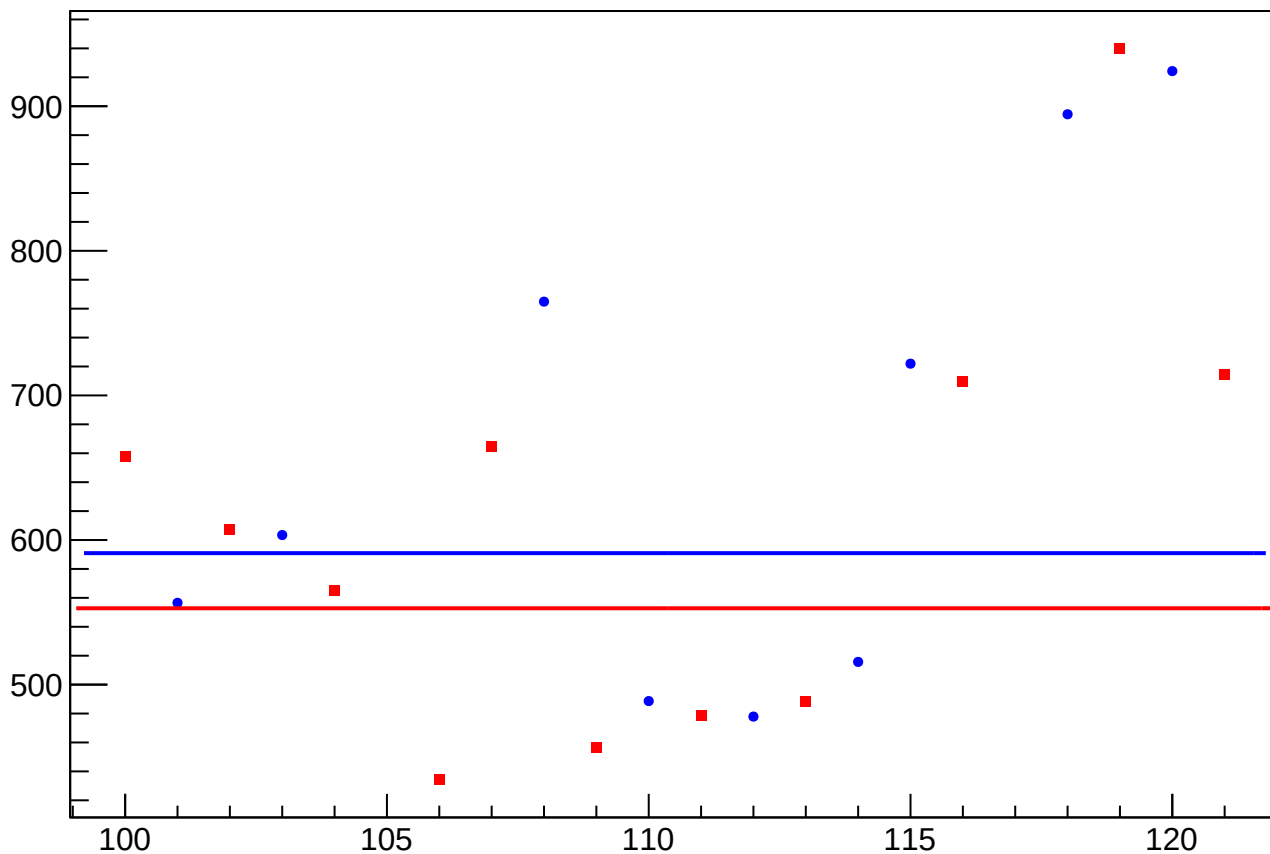
Right: -357.978+/-204.722 χ^2/NDF : 20.9/19

In: -48.153+/-316.526 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.978+/-204.722 χ^2/NDF : 20.9/19

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.800+/-0.190 χ^2/NDF : 420194.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

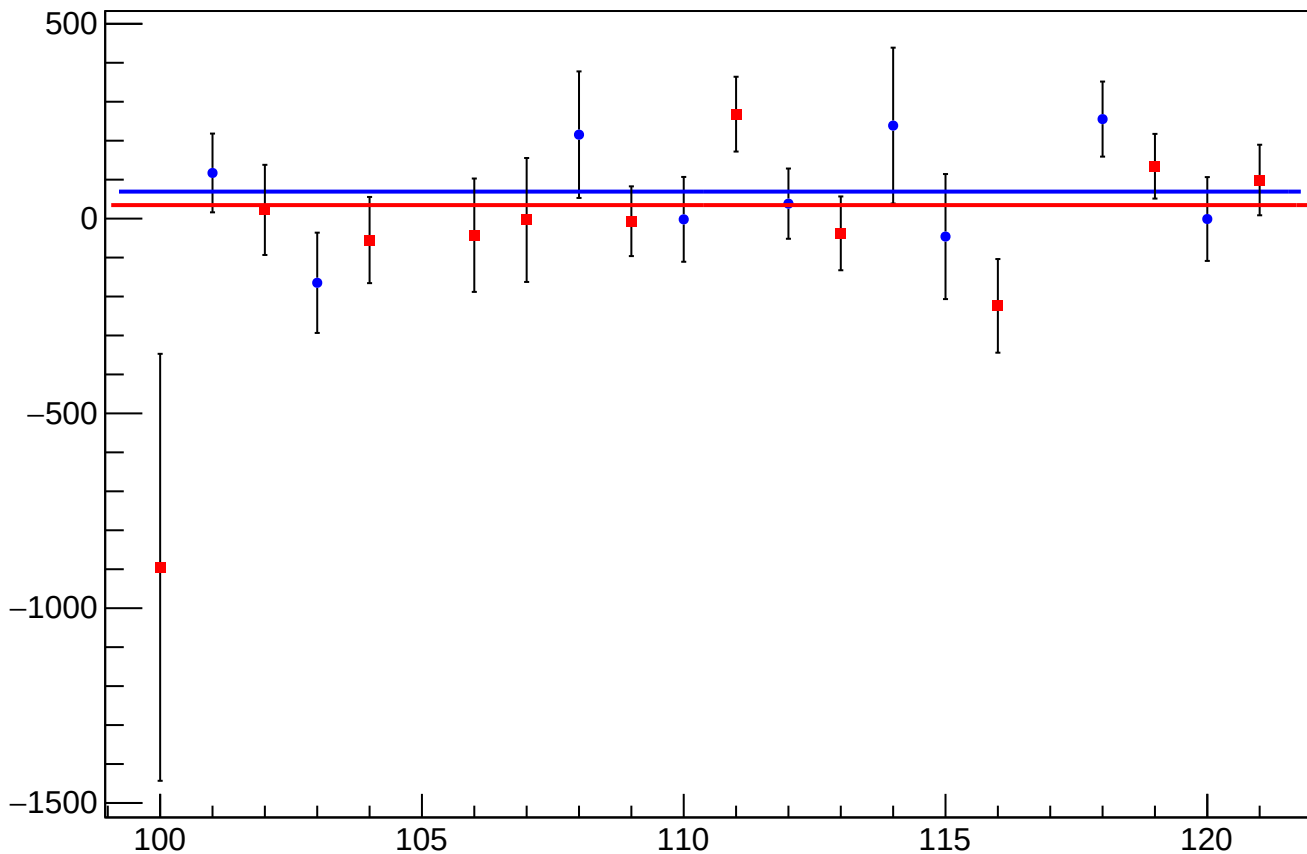
Right: 568.748+/-0.145 χ^2/NDF : 800934.0/19

In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.748+/-0.145 χ^2/NDF : 800934.0/19

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.664+/-32.834 χ^2/NDF : 17.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

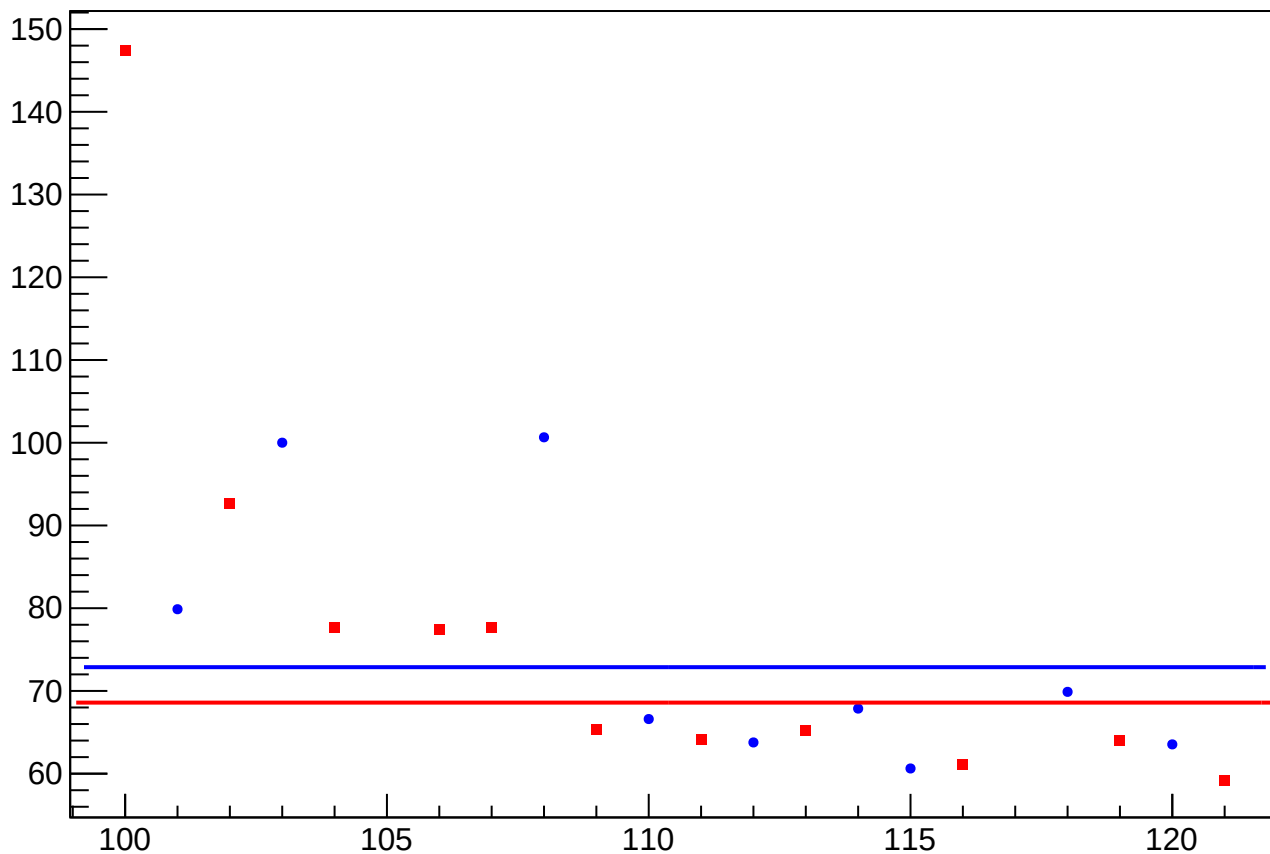
Right: 49.086+/-25.085 χ^2/NDF : 27.9/19

In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.086+/-25.085 χ^2/NDF : 27.9/19

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 72.873+/-0.027 χ^2/NDF : 213898.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.589+/-0.023 χ^2/NDF : 199932.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

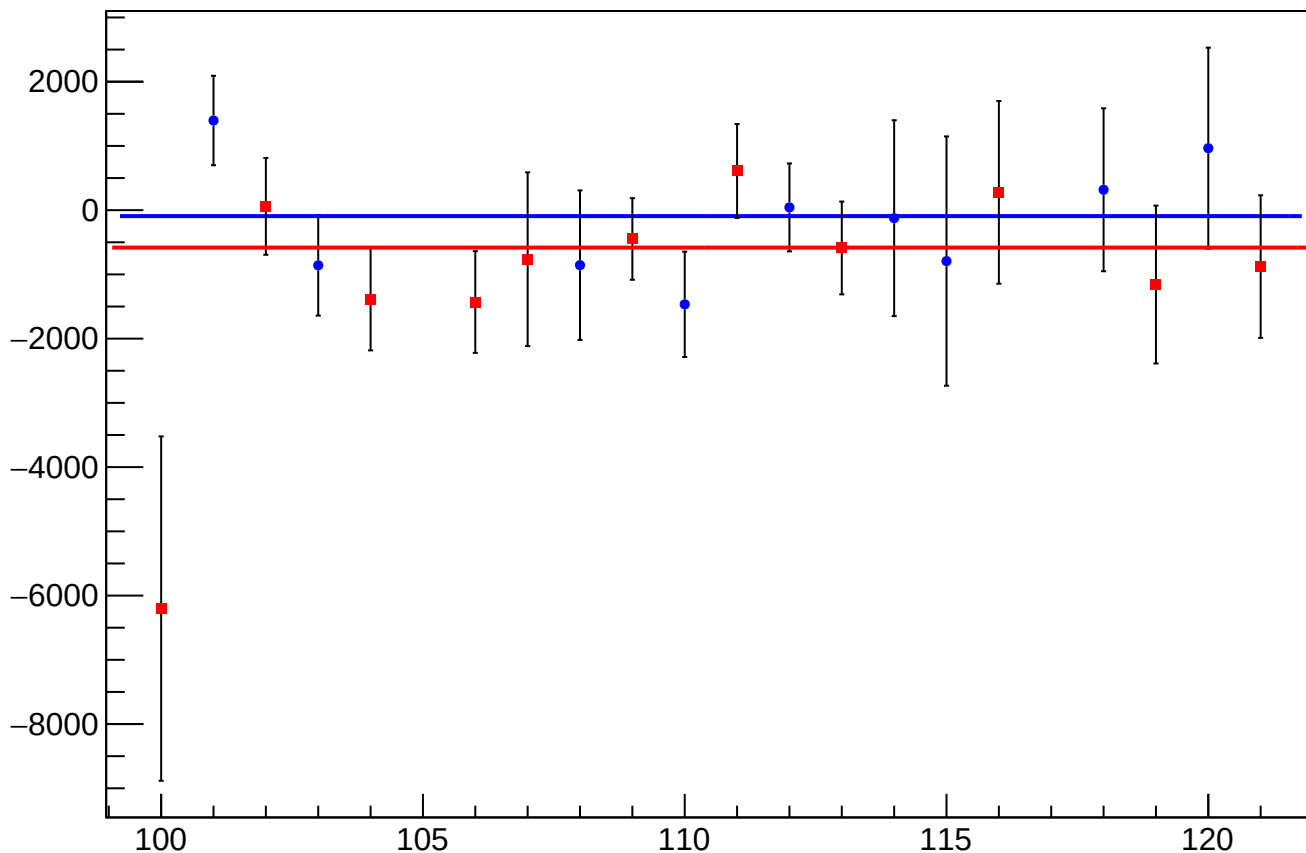
Right: 70.372+/-0.018 χ^2/NDF : 428000.4/19

In: 72.873+/-0.027 χ^2/NDF : 213898.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.372+/-0.018 χ^2/NDF : 428000.4/19

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -92.755 ± 319.830 χ^2/NDF : 9.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -582.763 ± 268.757 χ^2/NDF : 10.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

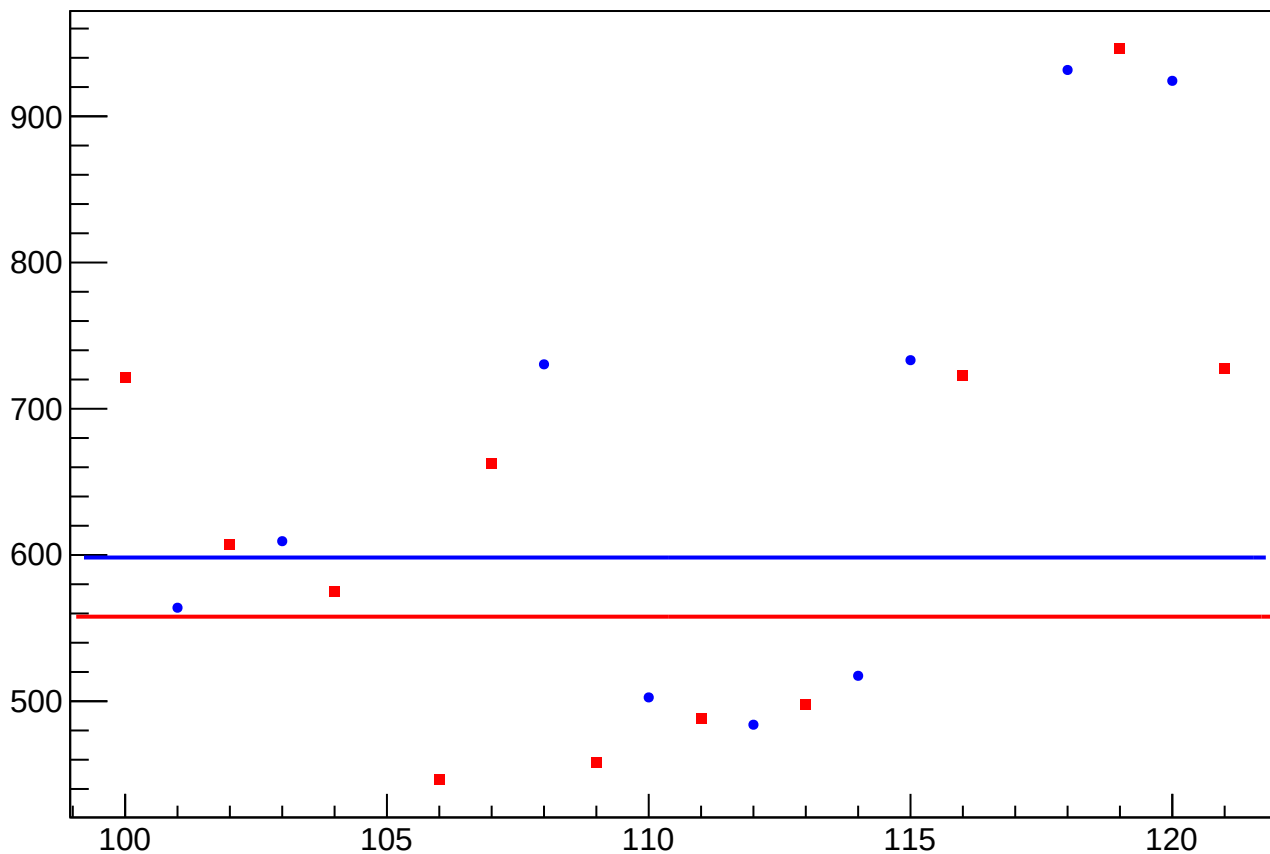
Right: -379.961 ± 205.757 χ^2/NDF : 21.5/19

In: -92.755 ± 319.830 χ^2/NDF : 9.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -379.961 ± 205.757 χ^2/NDF : 21.5/19

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 598.279+/-0.226 χ^2/NDF : 354261.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.827+/-0.190 χ^2/NDF : 423659.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

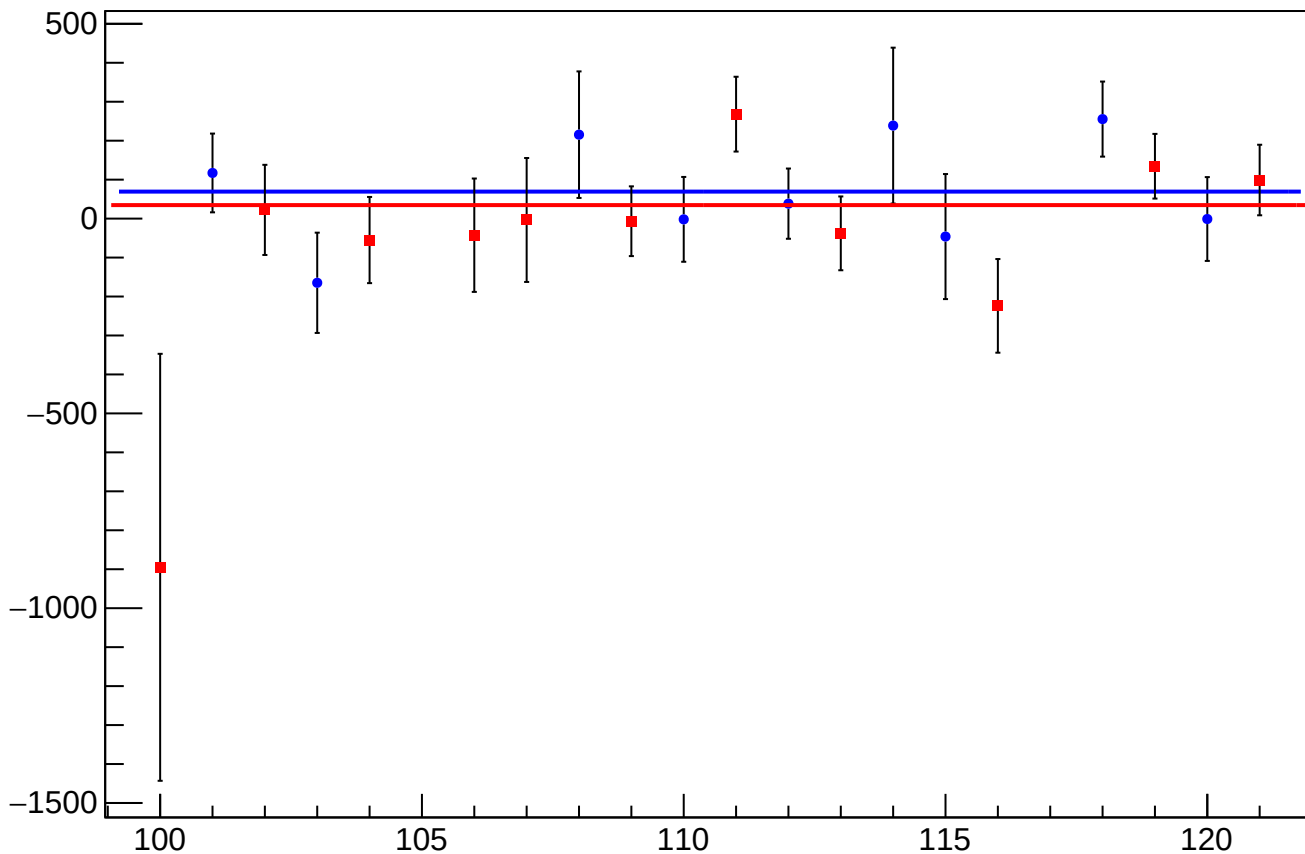
Right: 574.569+/-0.145 χ^2/NDF : 796674.9/19

In: 598.279+/-0.226 χ^2/NDF : 354261.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.569+/-0.145 χ^2/NDF : 796674.9/19

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.664+/-32.834 χ^2/NDF : 17.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

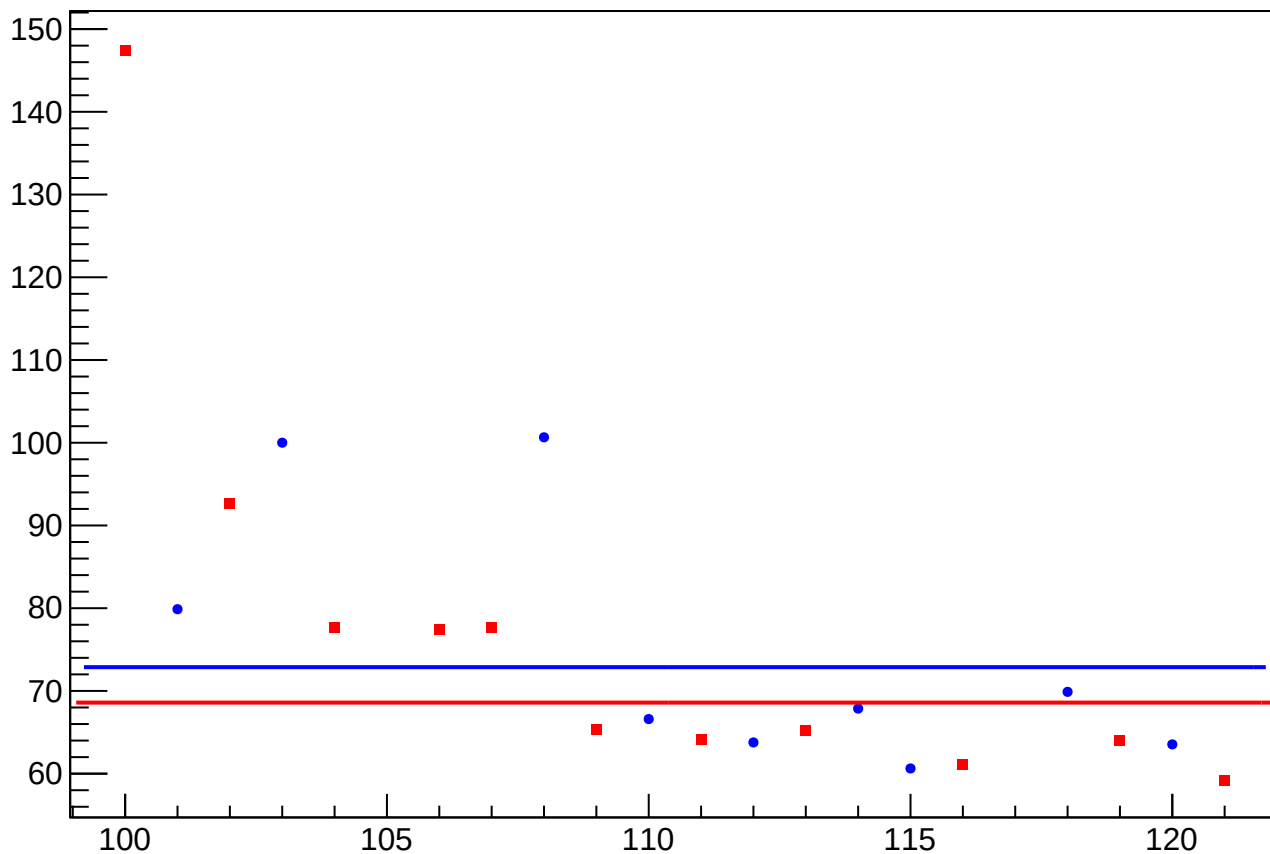
Right: 49.086+/-25.085 χ^2/NDF : 27.9/19

In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.086+/-25.085 χ^2/NDF : 27.9/19

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 72.873+/-0.027 χ^2/NDF : 213901.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.589+/-0.023 χ^2/NDF : 199935.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

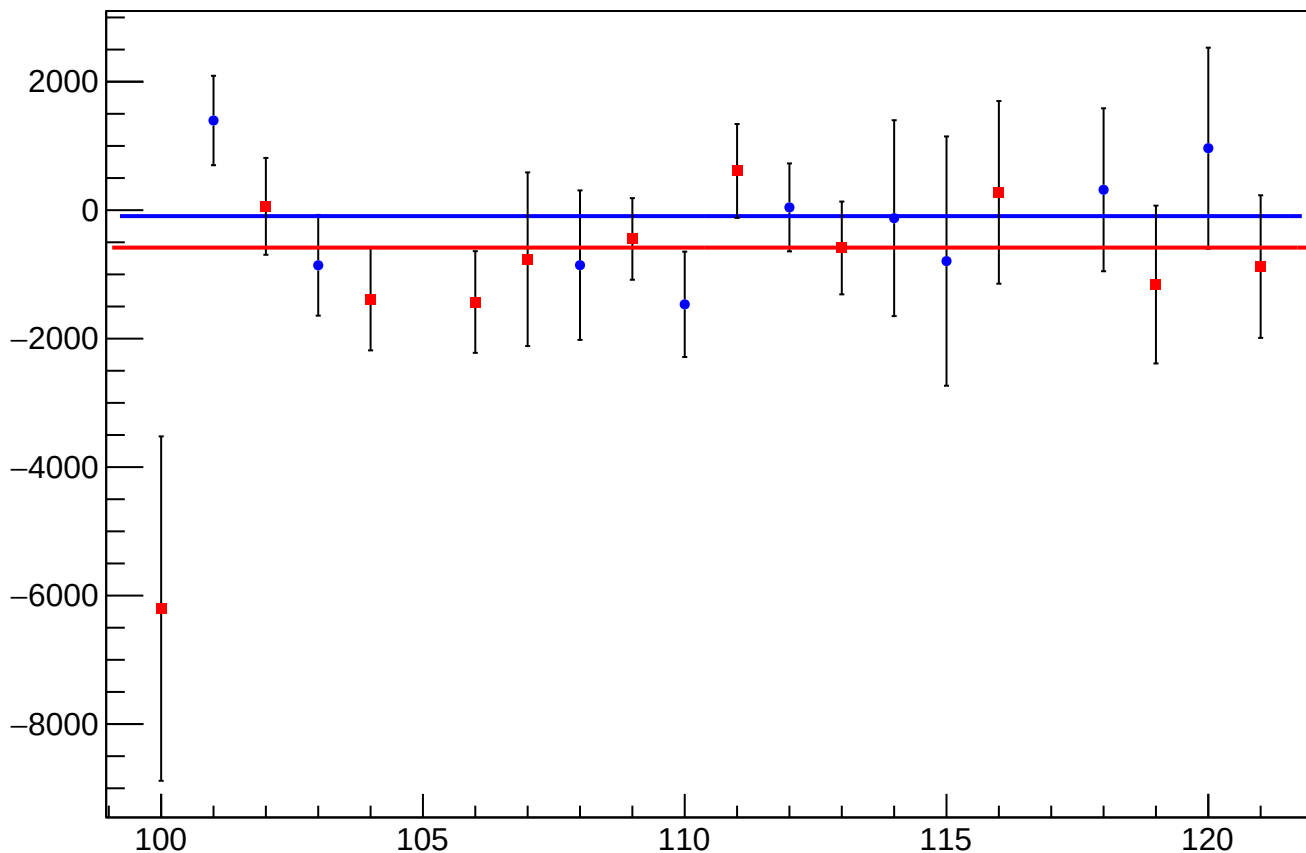
Right: 70.372+/-0.018 χ^2/NDF : 428007.0/19

In: 72.873+/-0.027 χ^2/NDF : 213901.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.372+/-0.018 χ^2/NDF : 428007.0/19

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -92.755 ± 319.830 χ^2/NDF : 9.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -582.763 ± 268.756 χ^2/NDF : 10.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

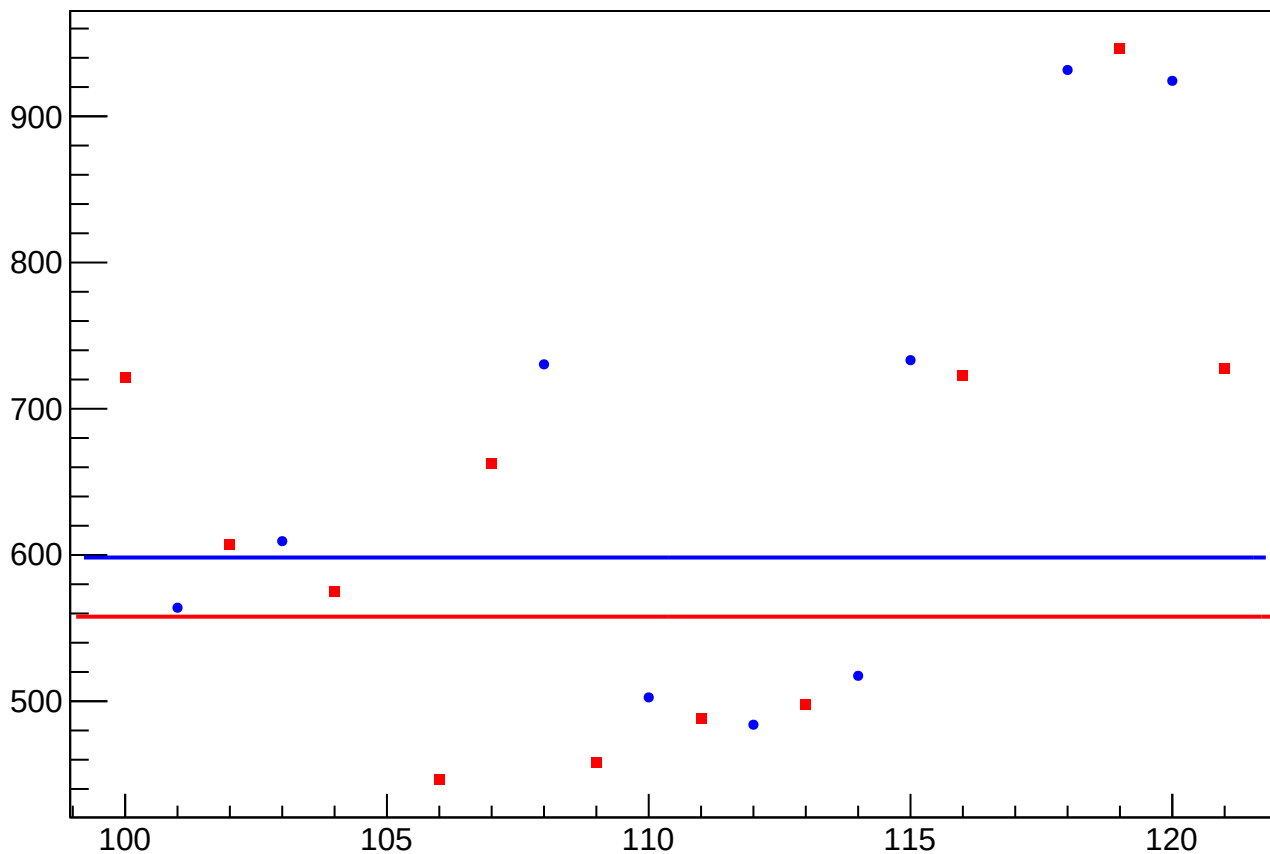
Right: -379.960 ± 205.756 χ^2/NDF : 21.5/19

In: -92.755 ± 319.830 χ^2/NDF : 9.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -379.960 ± 205.756 χ^2/NDF : 21.5/19

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 598.279+/-0.226 χ^2/NDF : 354263.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.826+/-0.190 χ^2/NDF : 423661.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

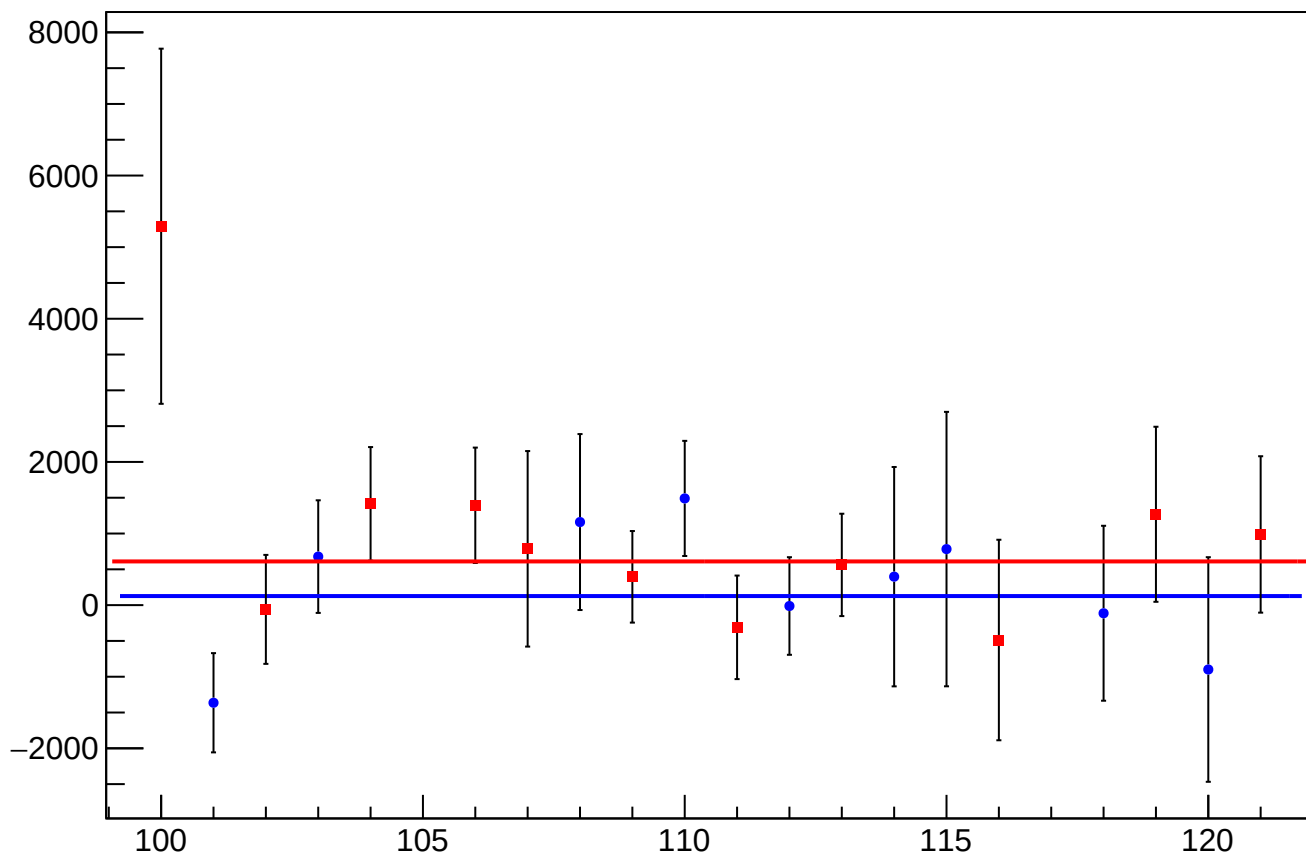
Right: 574.568+/-0.145 χ^2/NDF : 796678.1/19

In: 598.279+/-0.226 χ^2/NDF : 354263.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.568+/-0.145 χ^2/NDF : 796678.1/19

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 126.601+/-318.871 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.300+/-268.351 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

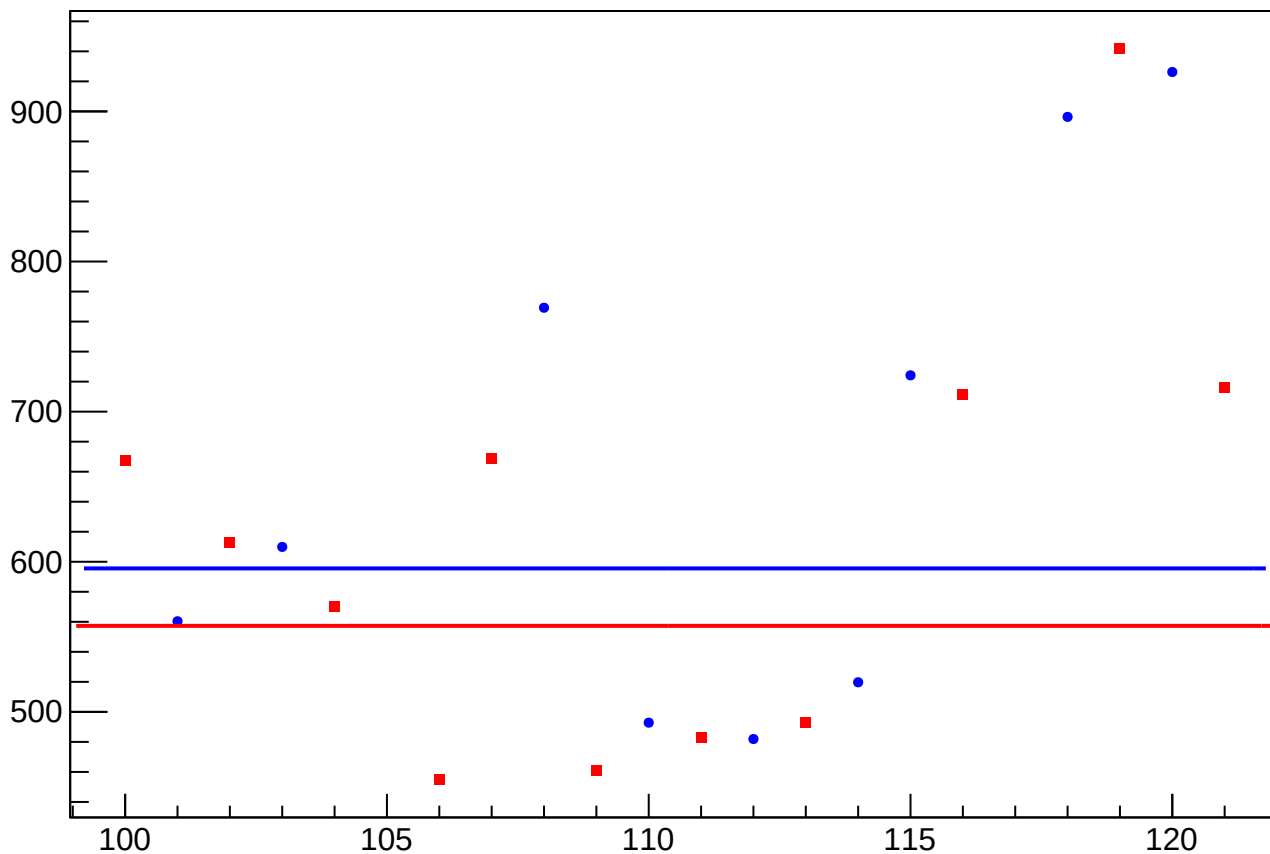
Right: 409.759+/-205.319 χ^2/NDF : 19.8/19

In: 126.601+/-318.871 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.759+/-205.319 χ^2/NDF : 19.8/19

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 595.569+/-0.225 χ^2/NDF : 358047.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.300+/-0.190 χ^2/NDF : 408281.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

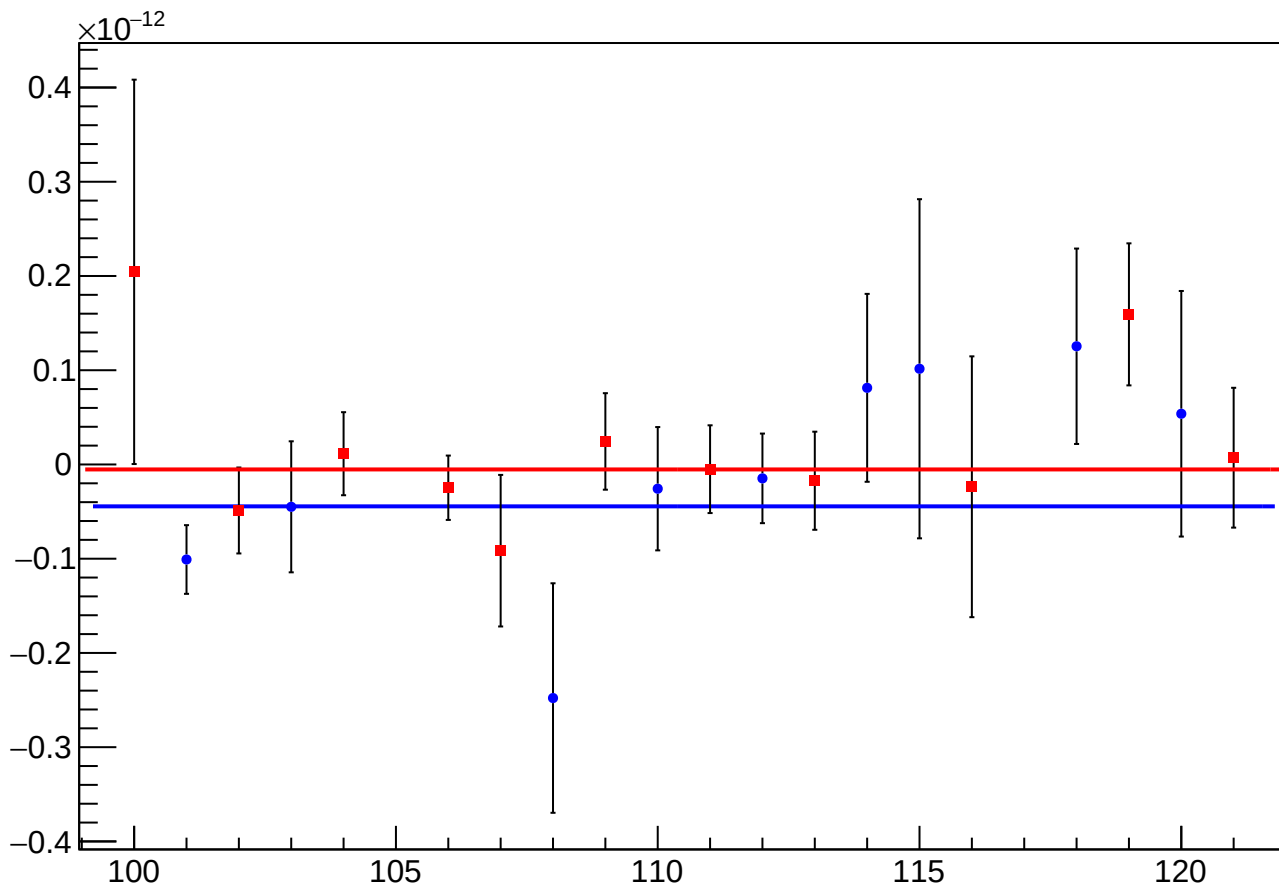
Right: 573.166+/-0.145 χ^2/NDF : 783192.2/19

In: 595.569+/-0.225 χ^2/NDF : 358047.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.166+/-0.145 χ^2/NDF : 783192.2/19

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

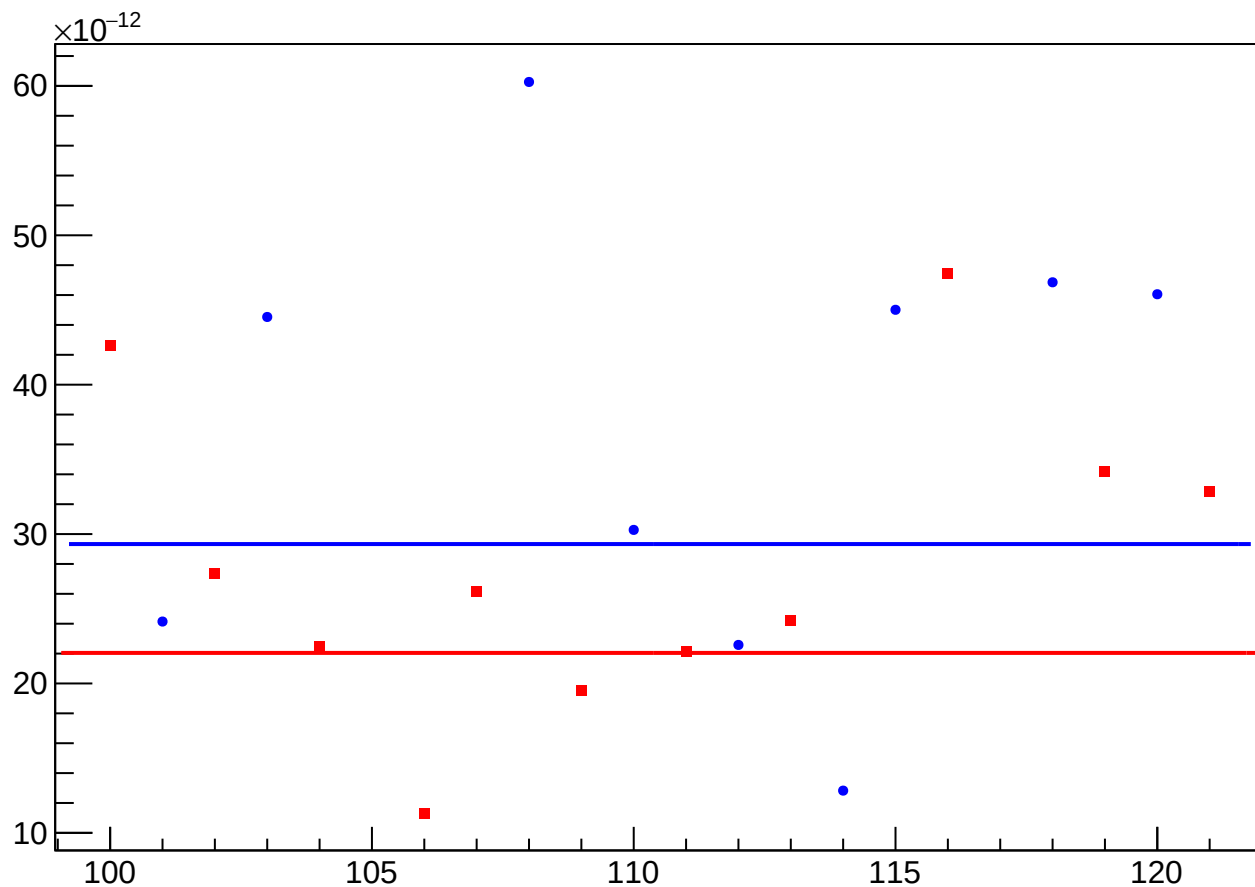
Right: -0.000+/-0.000 χ^2/NDF : 21.9/19

In: -0.000+/-0.000 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/19

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 465995.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 421366.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

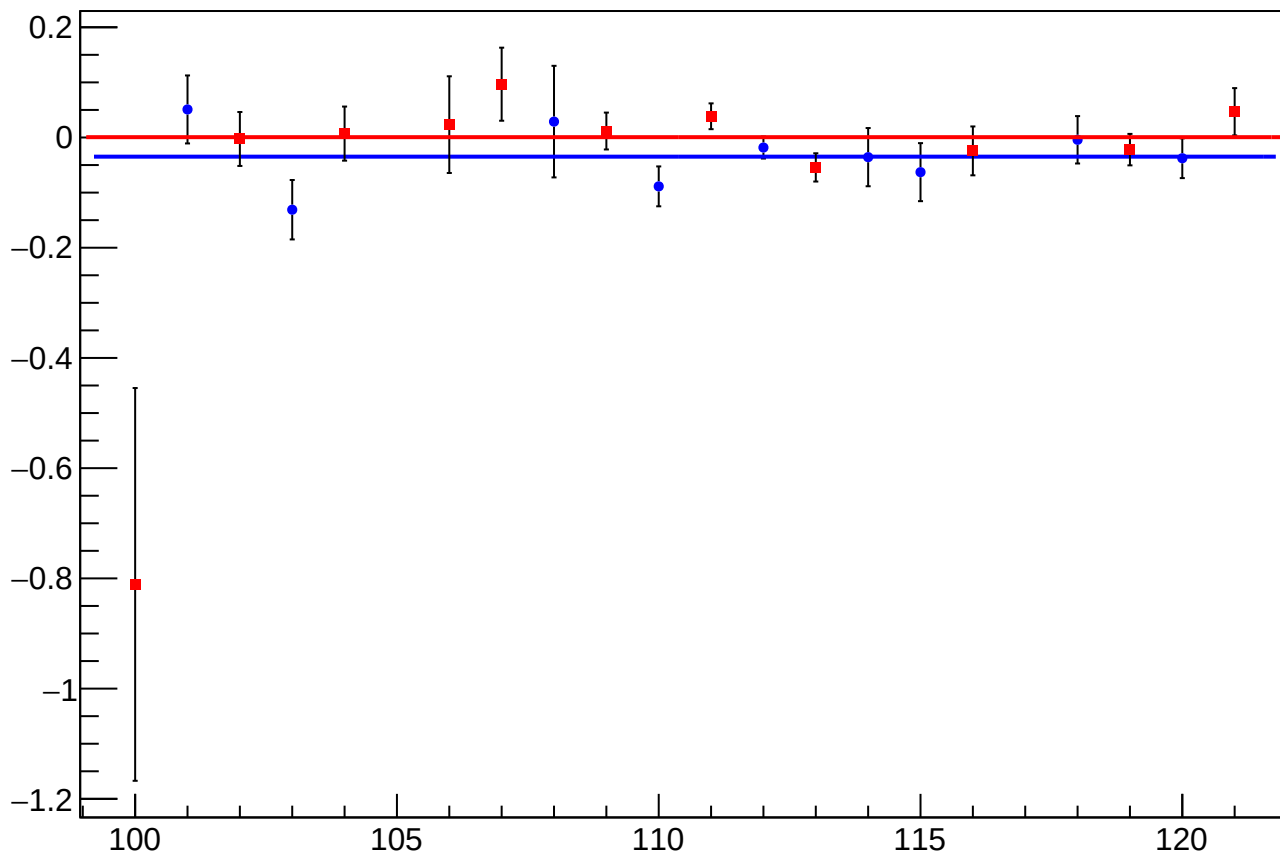
Right: 0.000+/-0.000 χ^2/NDF : 1023999.9/19

In: 0.000+/-0.000 χ^2/NDF : 465995.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1023999.9/19

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

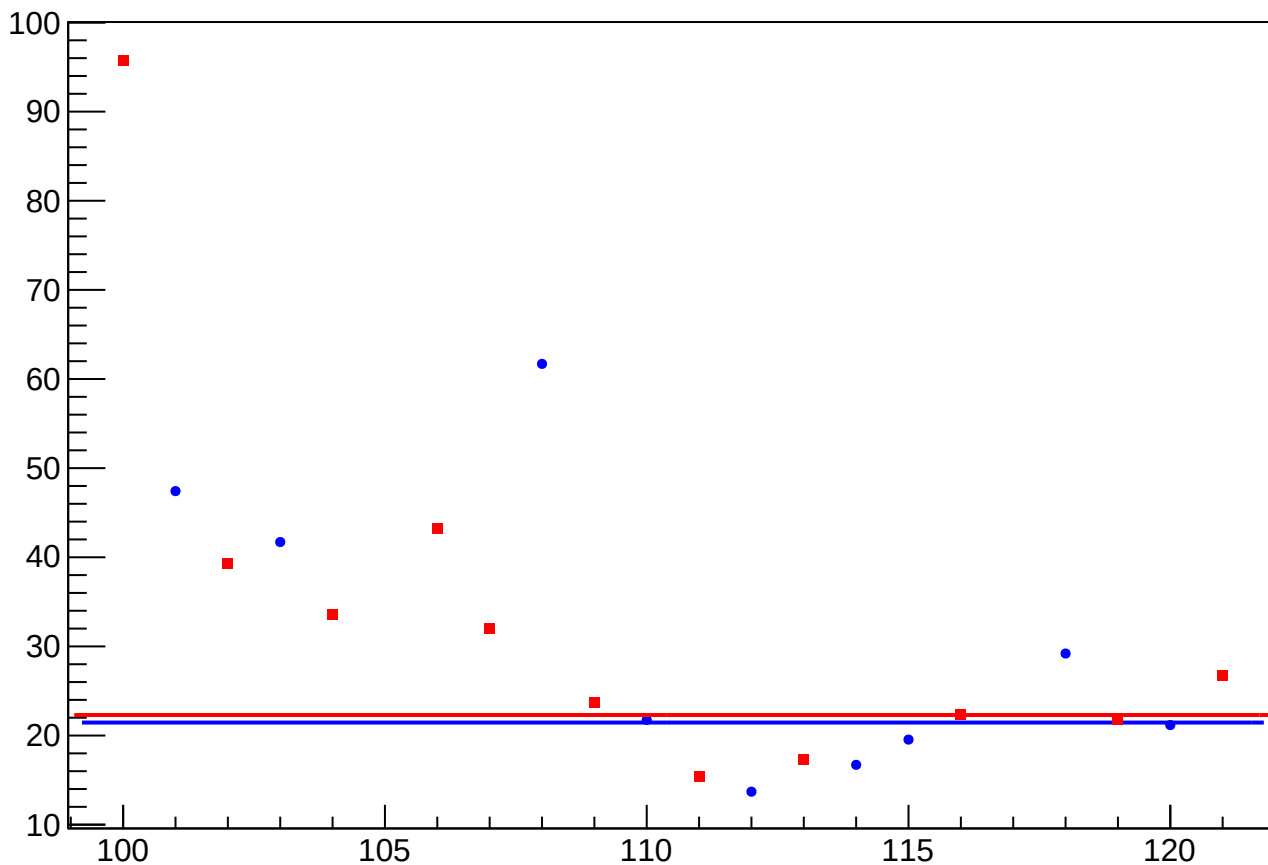
Right: -0.015+/-0.009 χ^2/NDF : 30.2/19

In: -0.035+/-0.013 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.009 χ^2/NDF : 30.2/19

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.305+/-0.008 χ^2/NDF : 864979.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

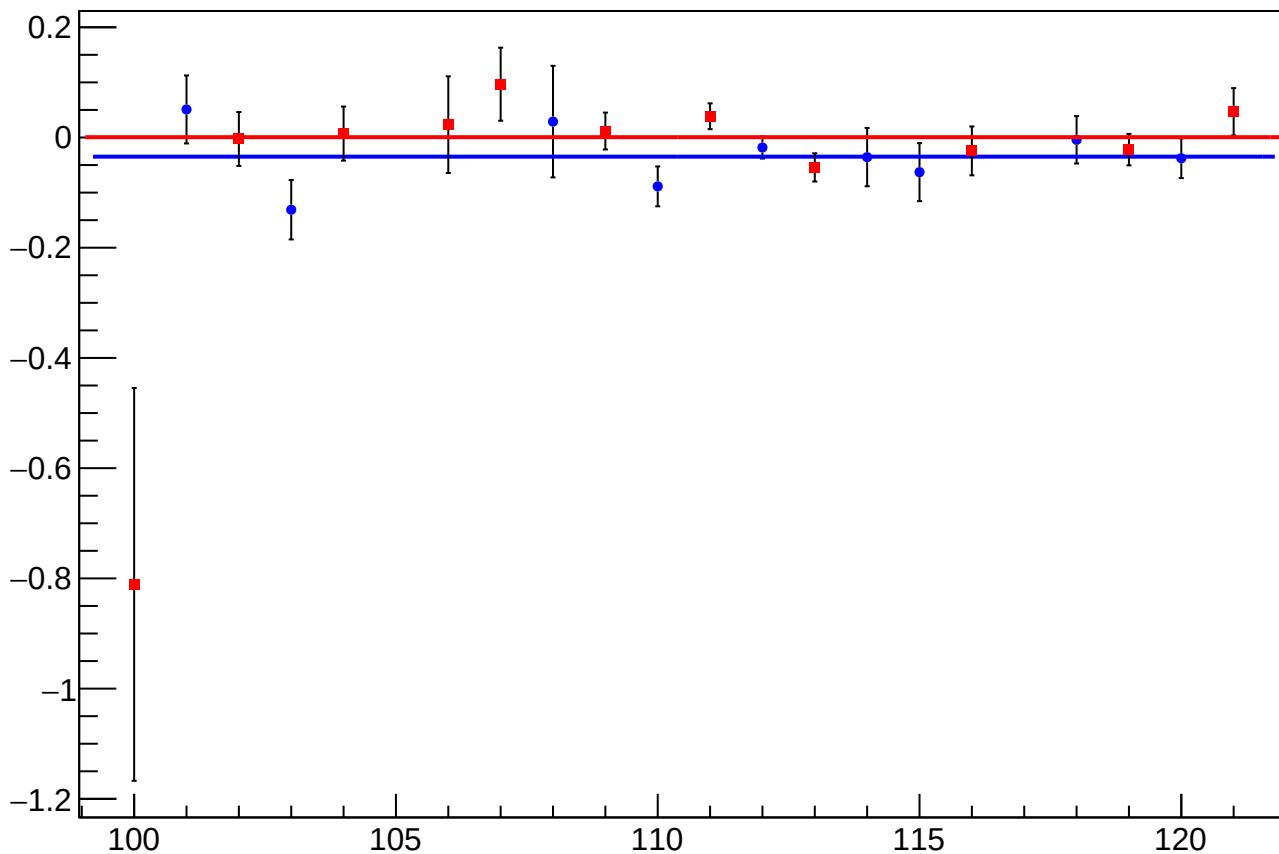
Right: 21.933+/-0.006 χ^2/NDF : 2209550.8/19

In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.933+/-0.006 χ^2/NDF : 2209550.8/19

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

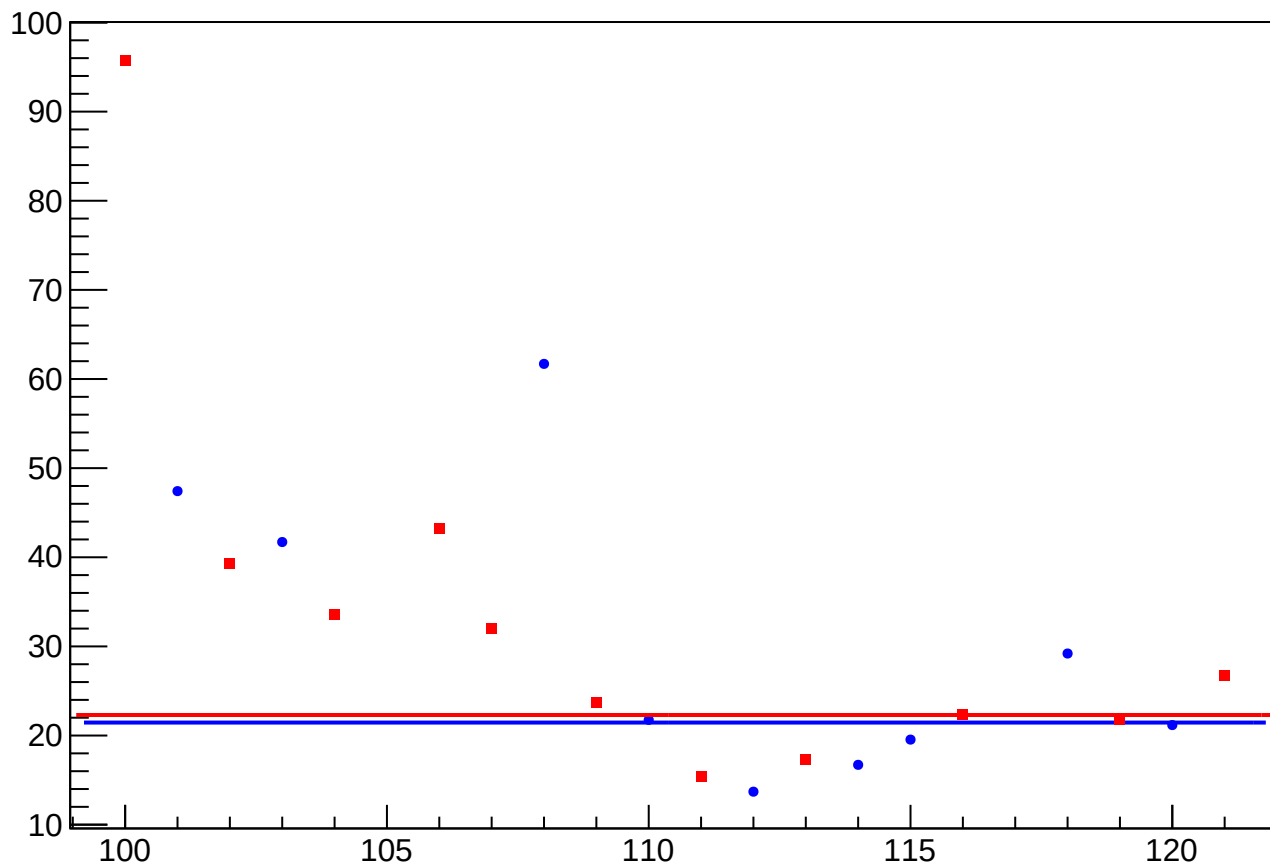
Right: -0.015+/-0.009 χ^2/NDF : 30.2/19

In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.009 χ^2/NDF : 30.2/19

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.305+/-0.008 χ^2/NDF : 864979.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

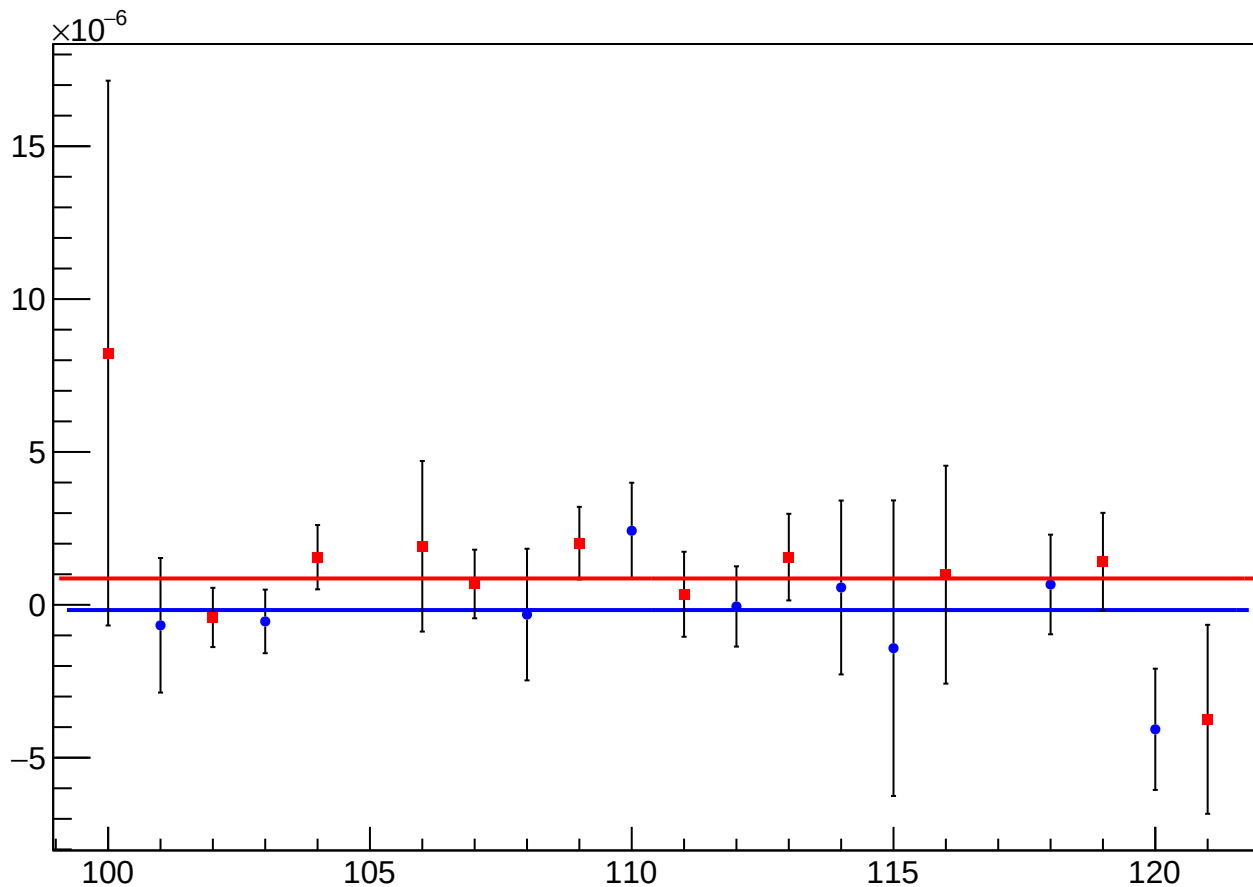
Right: 21.933+/-0.006 χ^2/NDF : 2209550.8/19

In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.933+/-0.006 χ^2/NDF : 2209550.8/19

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

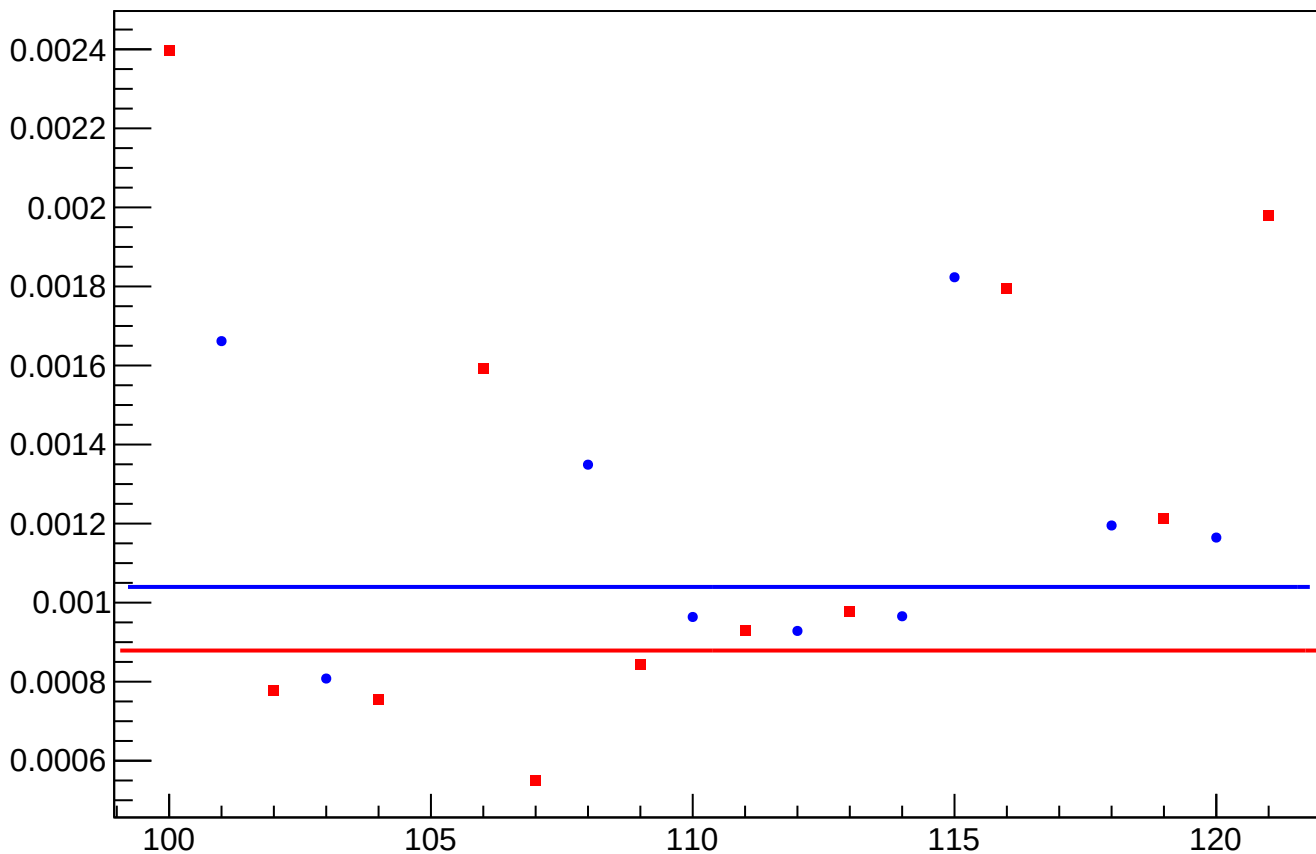
Right: 0.000+/-0.000 χ^2/NDF : 16.0/19

In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/19

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 399575.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 896563.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

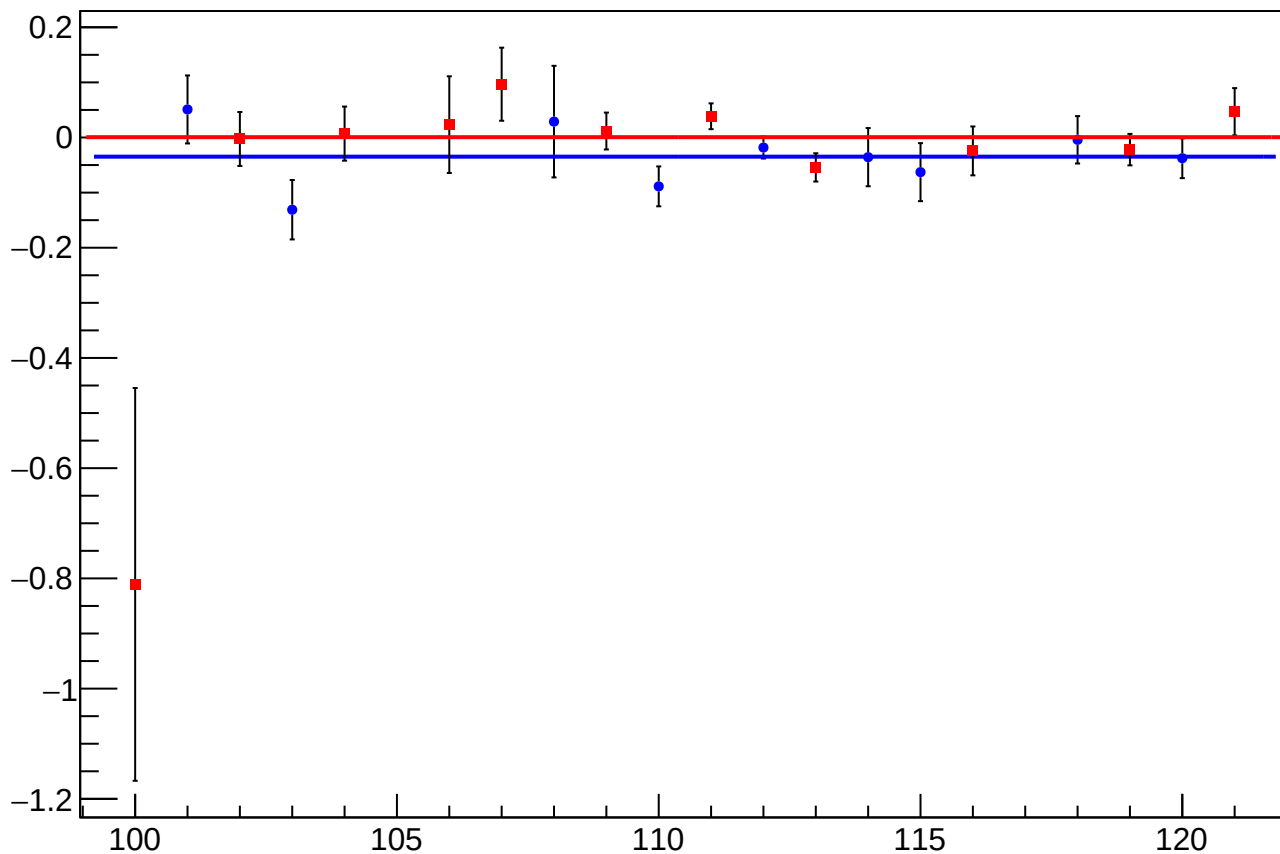
Right: 0.001+/-0.000 χ^2/NDF : 1397386.8/19

In: 0.001+/-0.000 χ^2/NDF :399575.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1397386.8/19

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

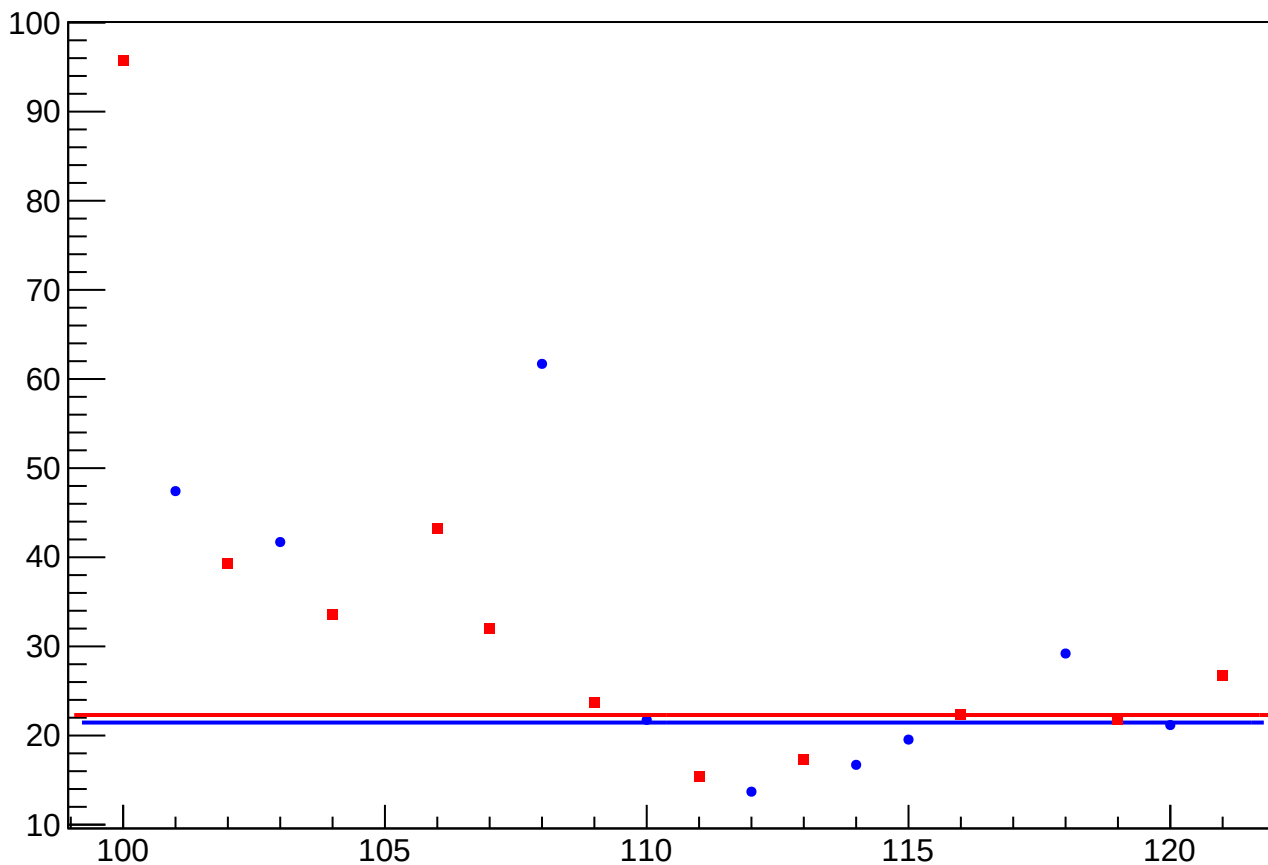
Right: -0.015+/-0.009 χ^2/NDF : 30.2/19

In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.009 χ^2/NDF : 30.2/19

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.305+/-0.008 χ^2/NDF : 865029.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

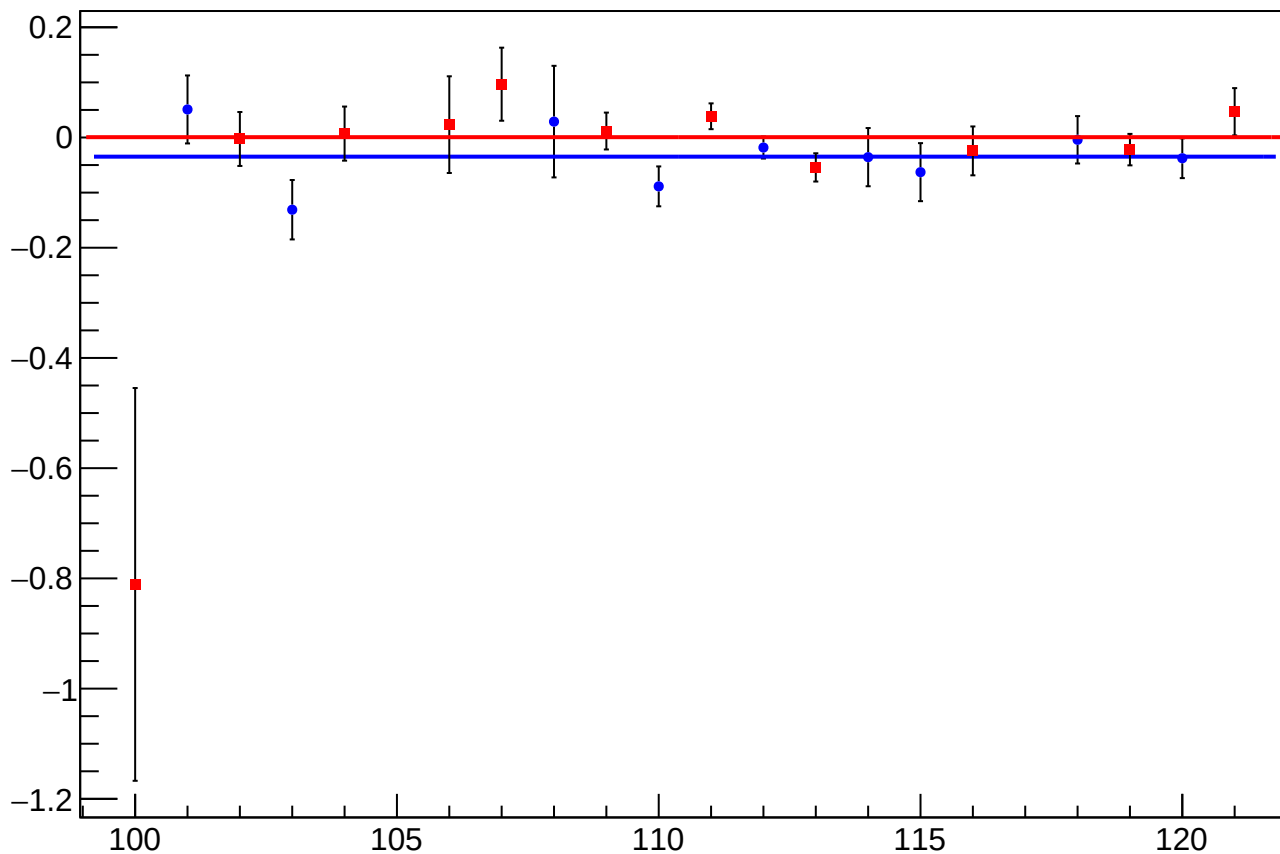
Right: 21.933+/-0.006 χ^2/NDF : 2209637.7/19

In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.933+/-0.006 χ^2/NDF : 2209637.7/19

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

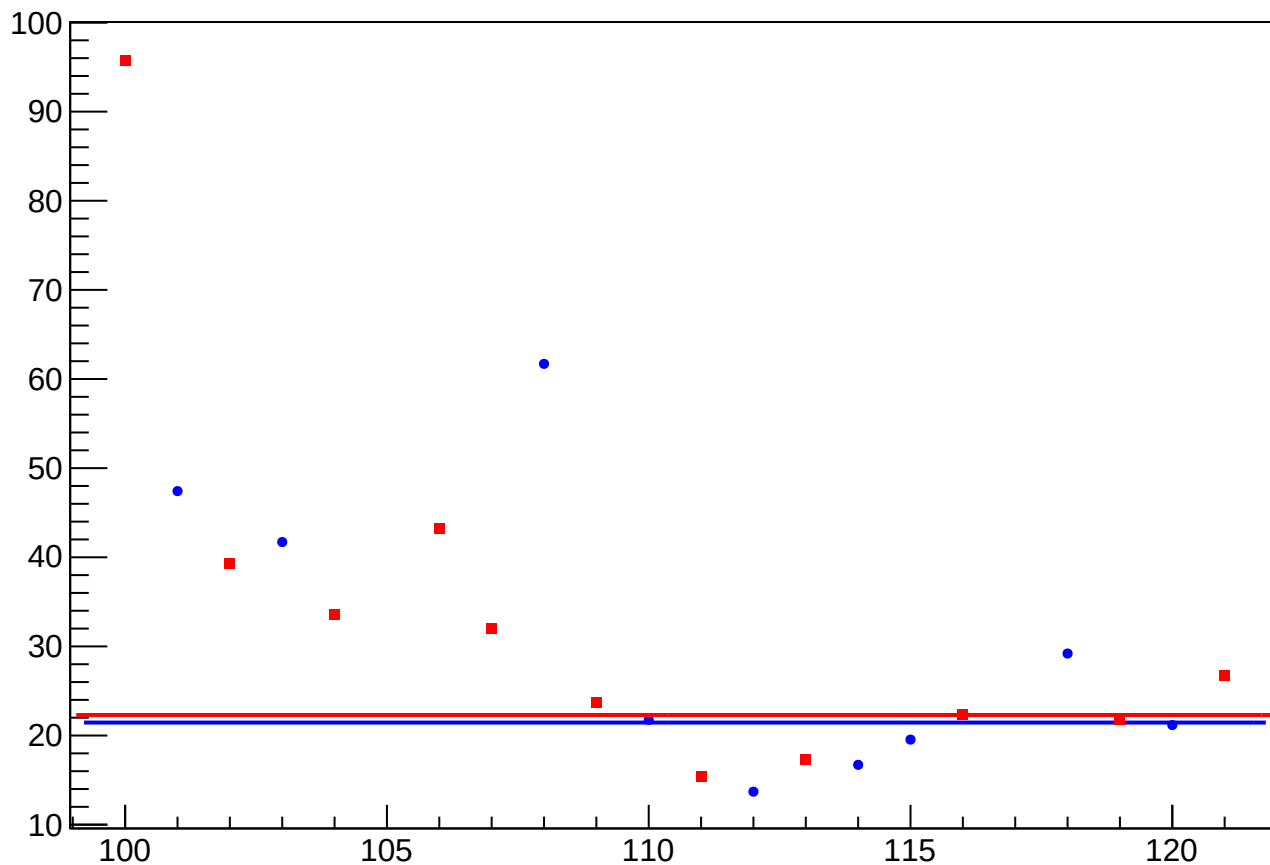
Right: -0.015+/-0.009 χ^2/NDF : 30.2/19

In: -0.035+/-0.013 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.009 χ^2/NDF : 30.2/19

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.305+/-0.008 χ^2/NDF : 865029.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

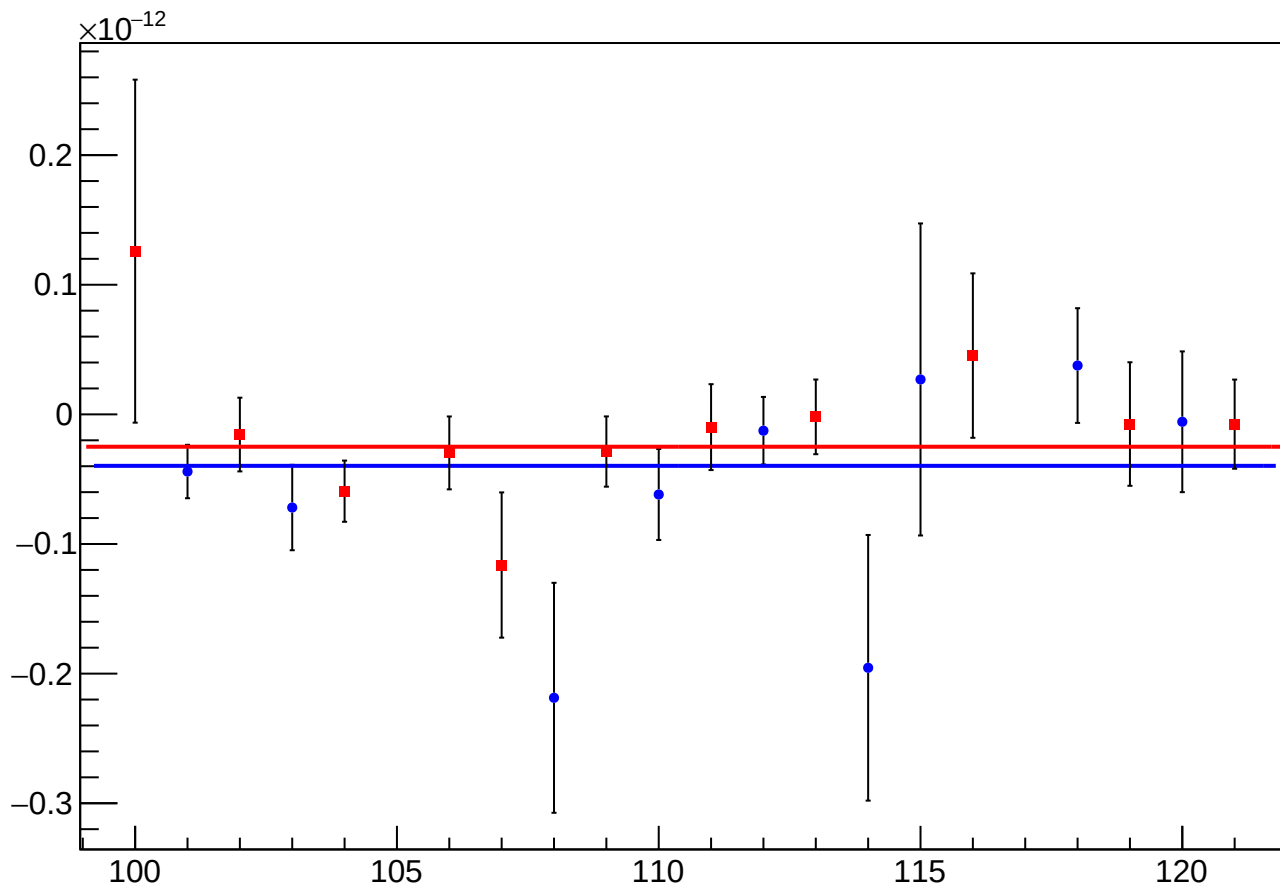
Right: 21.933+/-0.006 χ^2/NDF : 2209637.7/19

In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.933+/-0.006 χ^2/NDF : 2209637.7/19

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

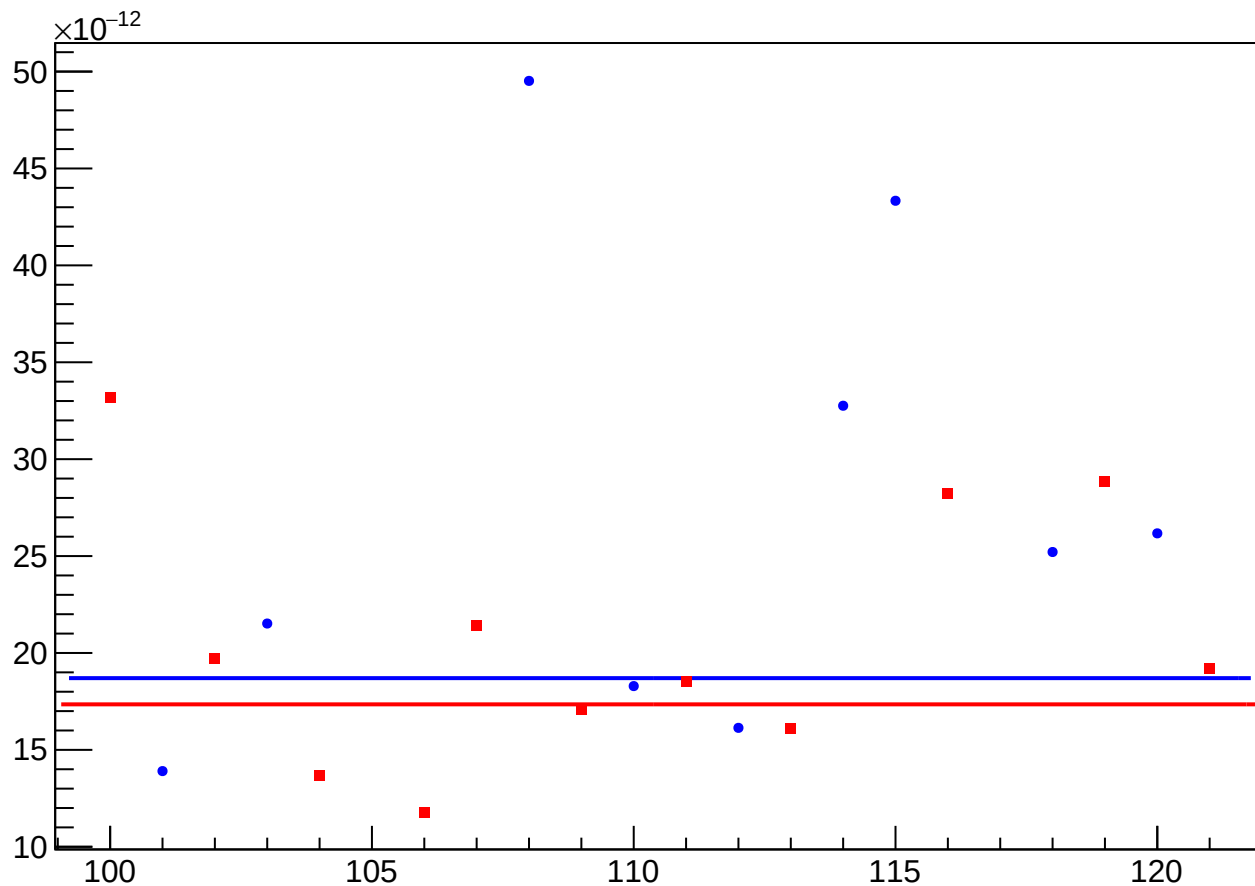
Right: -0.000+/-0.000 χ^2/NDF : 22.2/19

In: -0.000+/-0.000 χ^2/NDF :12.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/19

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 586579.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 367244.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

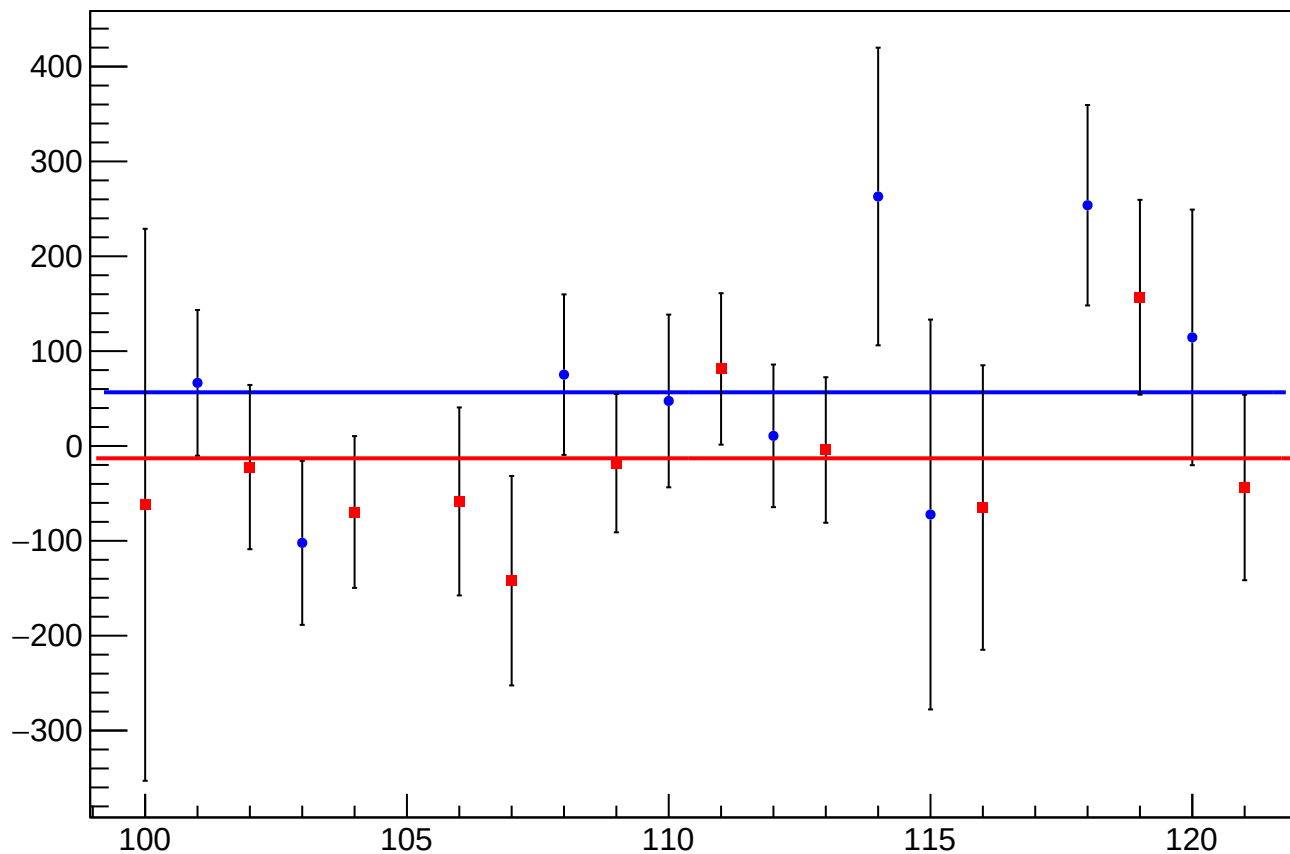
Right: 0.000+/-0.000 χ^2/NDF : 968324.2/19

In: 0.000+/-0.000 χ^2/NDF : 586579.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 968324.2/19

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.598 $\pm$ 32.456 χ^2 /NDF: 9.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.985 $\pm$ 28.353 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

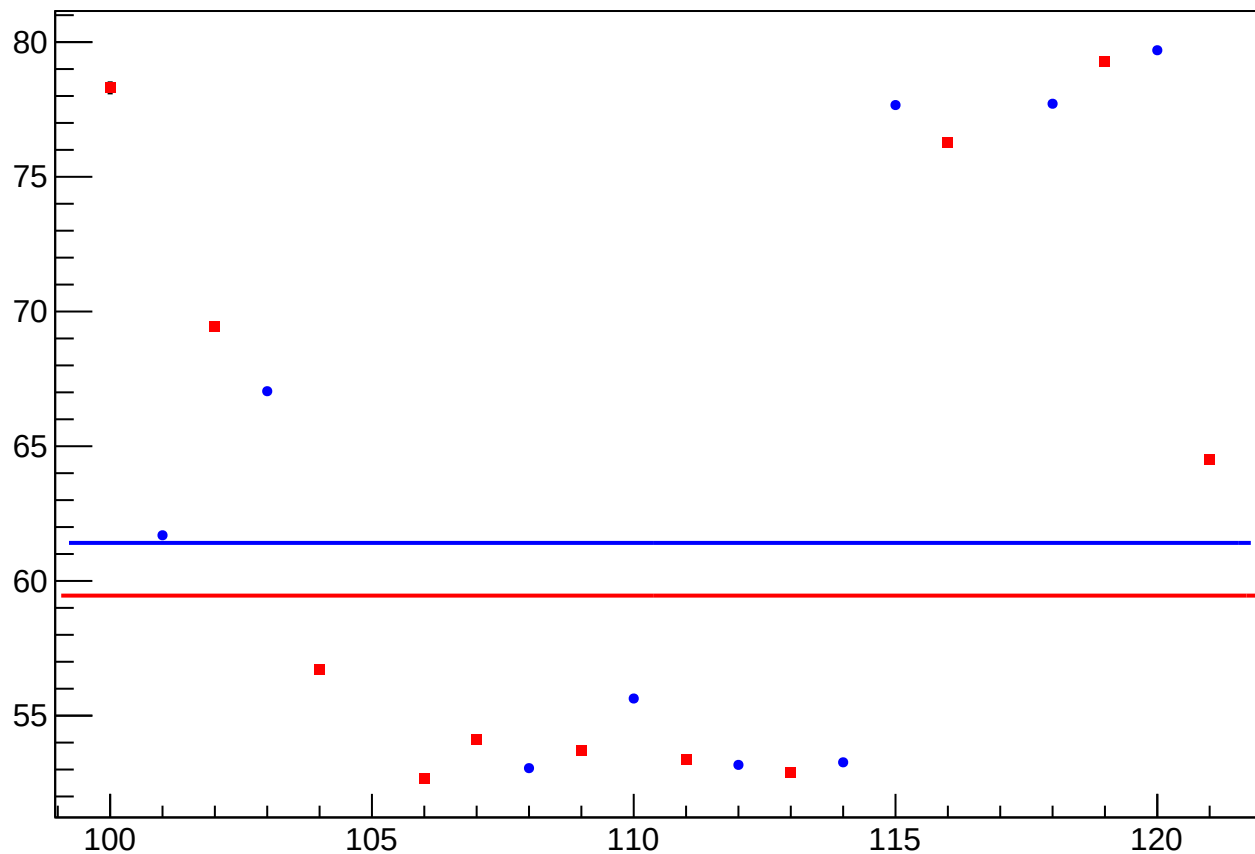
Right: 17.133 $\pm$ 21.353 χ^2 /NDF: 18.7/19

In: 56.598 $\pm$ 32.456 χ^2 /NDF: 9.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.133 $\pm$ 21.353 χ^2 /NDF: 18.7/19

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.412 $\pm$ 0.023 χ^2 /NDF: 162424.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.456 $\pm$ 0.020 χ^2 /NDF: 195212.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

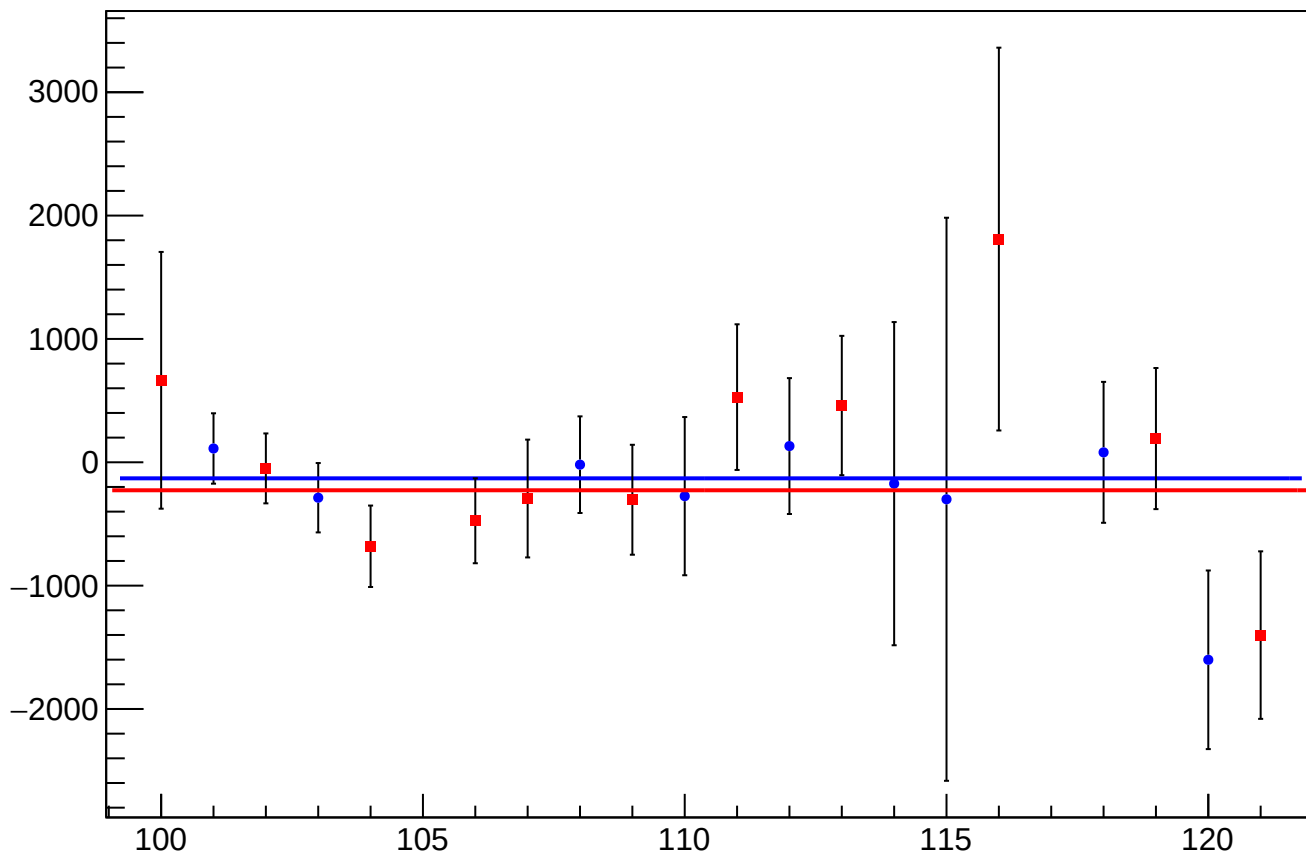
Right: 60.302 $\pm$ 0.015 χ^2 /NDF: 361758.6/19

In: 61.412 $\pm$ 0.023 χ^2 /NDF:162424.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.302 $\pm$ 0.015 χ^2 /NDF: 361758.6/19

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -130.129+/-152.627 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.939+/-138.609 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

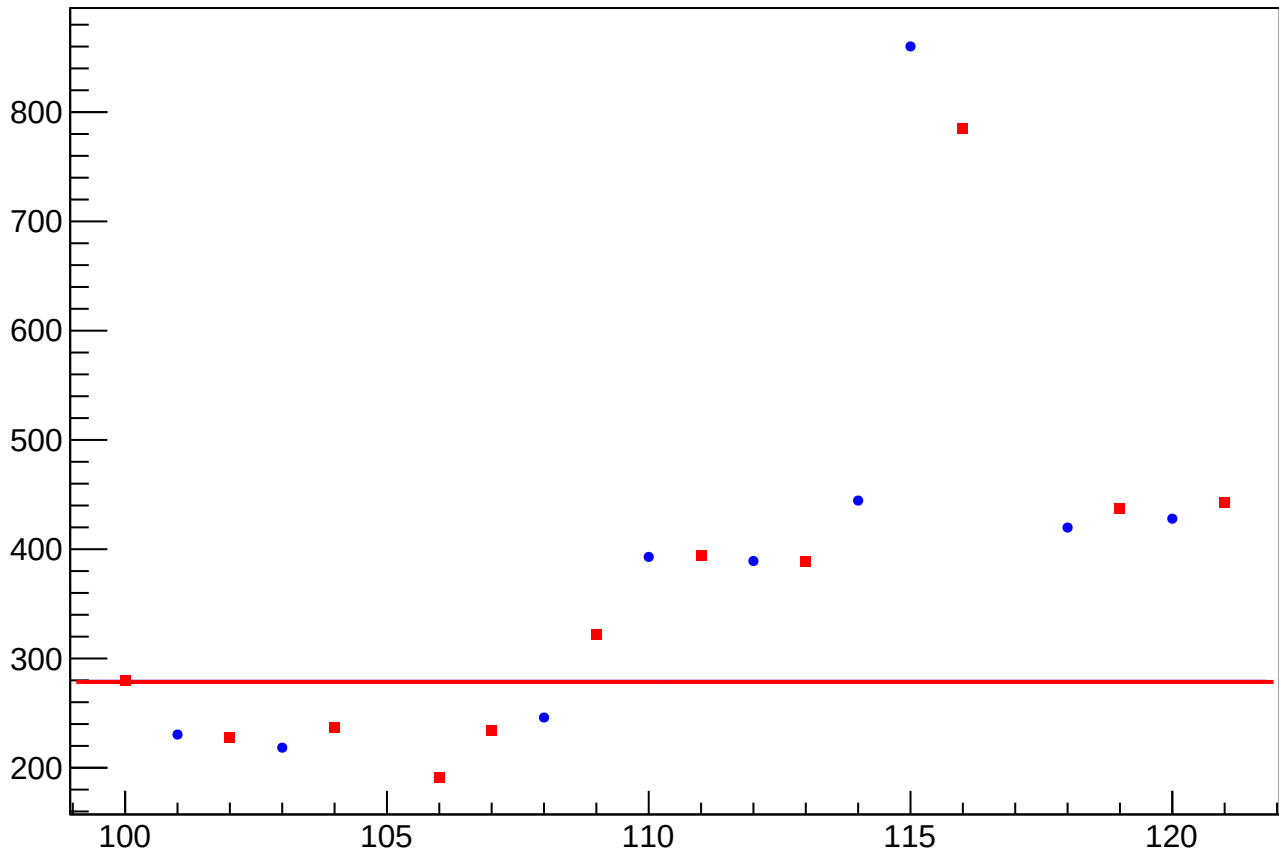
Right: -183.183+/-102.610 χ^2/NDF : 17.8/19

In: -130.129+/-152.627 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.183+/-102.610 χ^2/NDF : 17.8/19

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 278.659+/-0.108 χ^2/NDF : 676149.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.563+/-0.098 χ^2/NDF : 899637.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

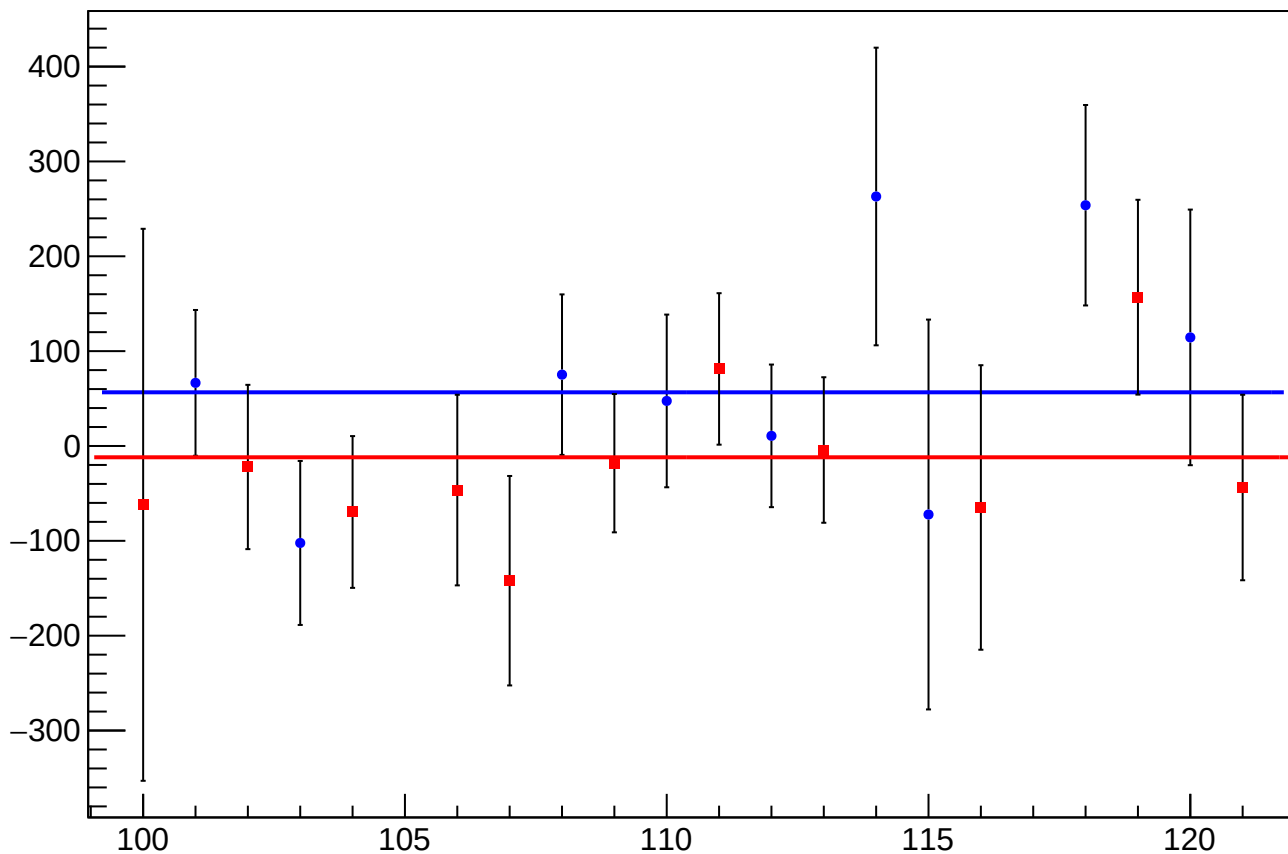
Right: 278.606+/-0.073 χ^2/NDF : 1575787.3/19

In: 278.659+/-0.108 χ^2/NDF : 676149.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.606+/-0.073 χ^2/NDF : 1575787.3/19

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.916+/-28.385 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

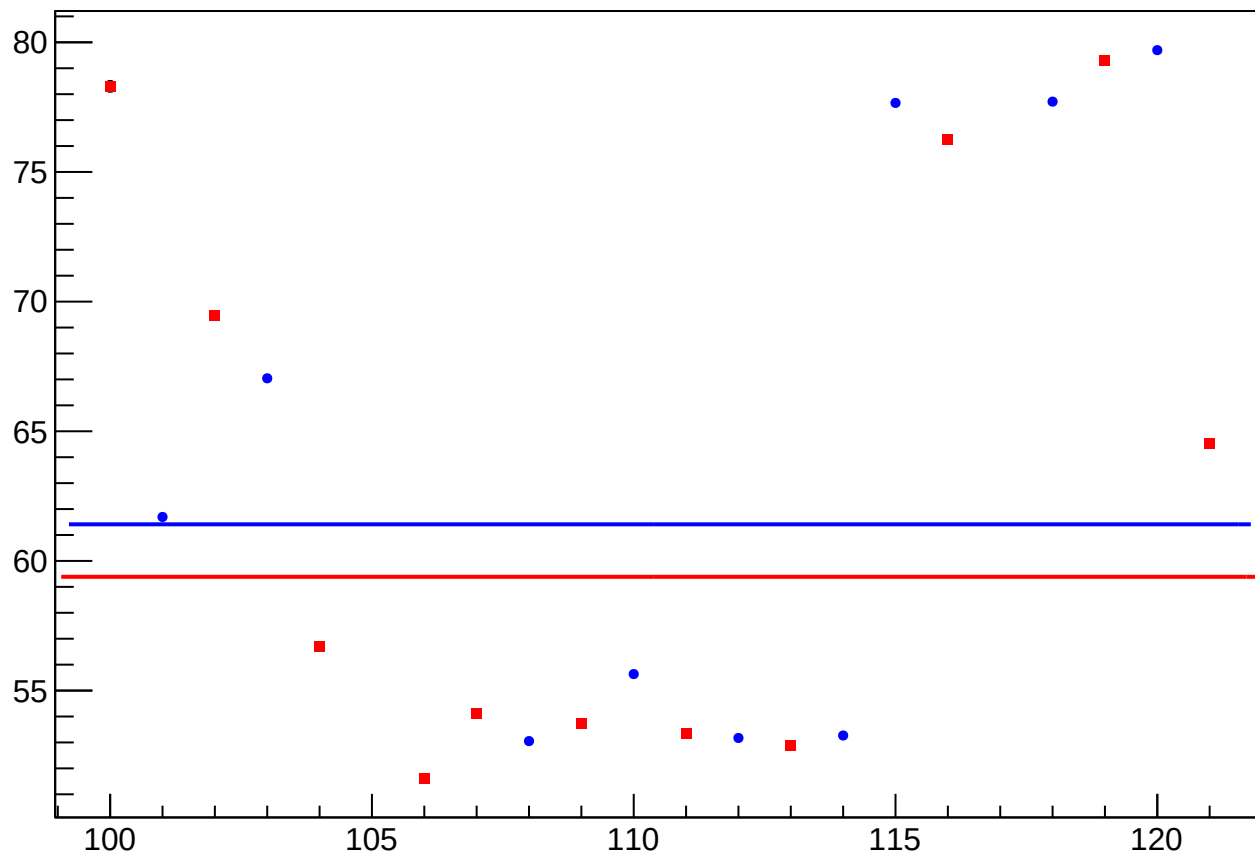
Right: 17.775+/-21.366 χ^2/NDF : 18.5/19

In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.775+/-21.366 χ^2/NDF : 18.5/19

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.388+/-0.020 χ^2/NDF : 198107.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

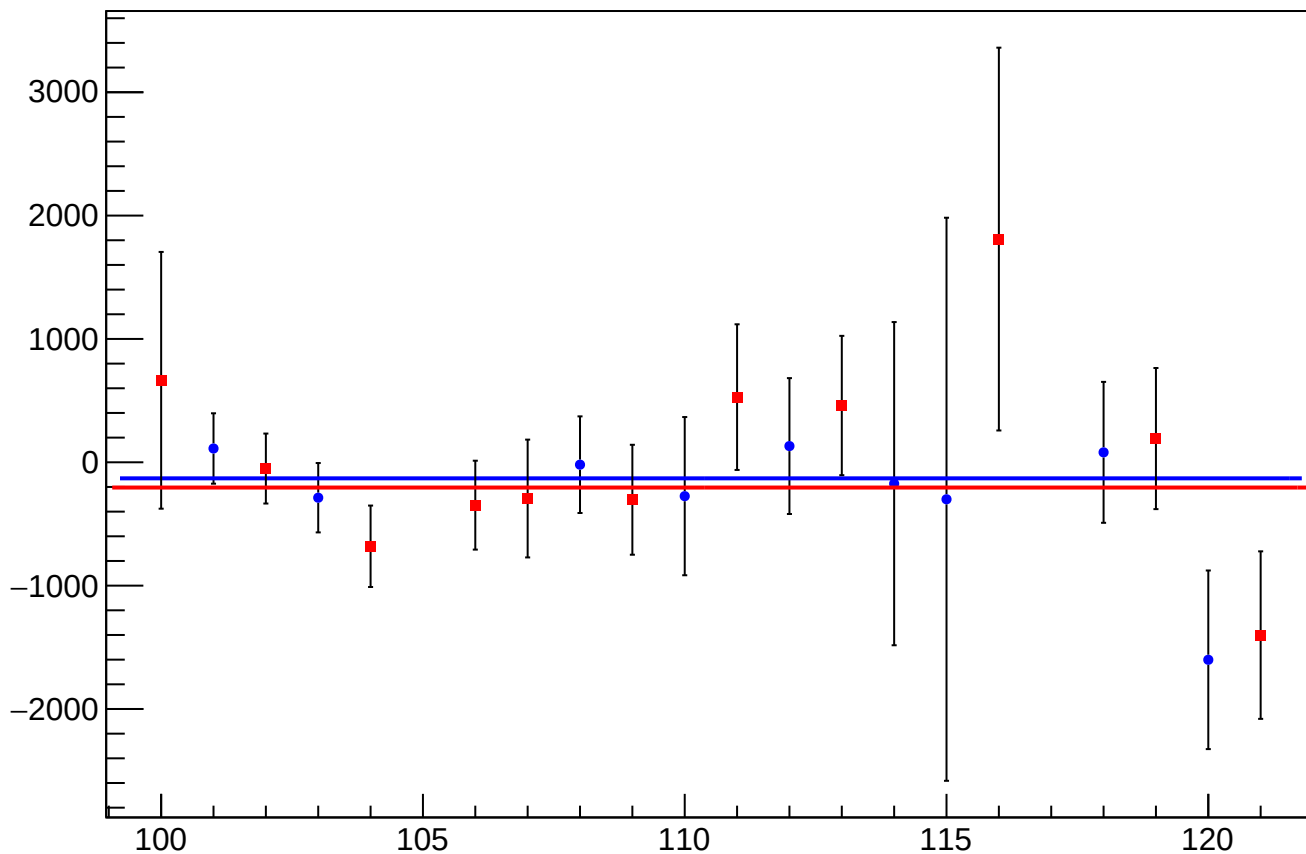
Right: 60.265+/-0.015 χ^2/NDF : 364940.5/19

In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.265+/-0.015 χ^2/NDF : 364940.5/19

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.741+/-139.619 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

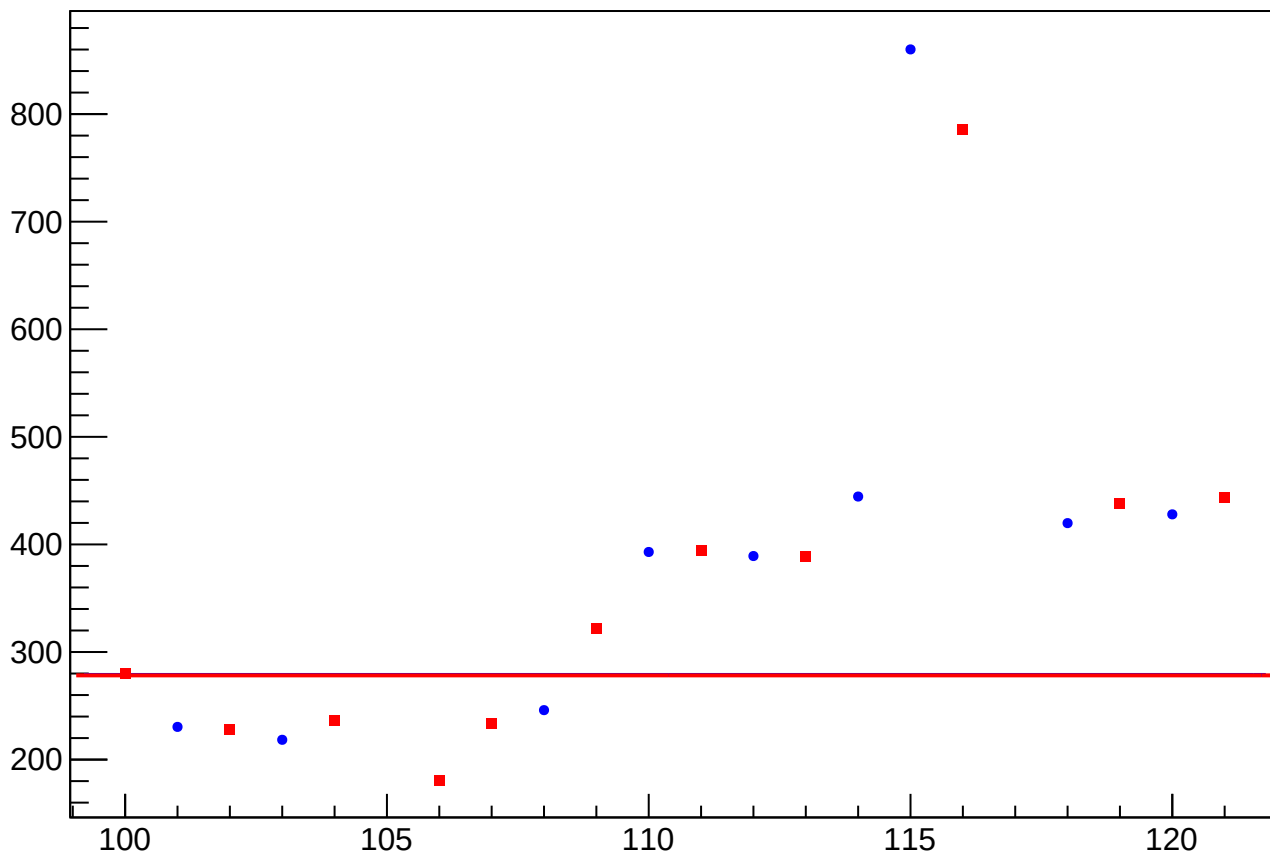
Right: -170.740+/-103.018 χ^2/NDF : 17.3/19

In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.740+/-103.018 χ^2/NDF : 17.3/19

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 278.662 $\pm$ 0.108 χ^2 /NDF: 676119.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 278.290 $\pm$ 0.099 χ^2 /NDF: 917952.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

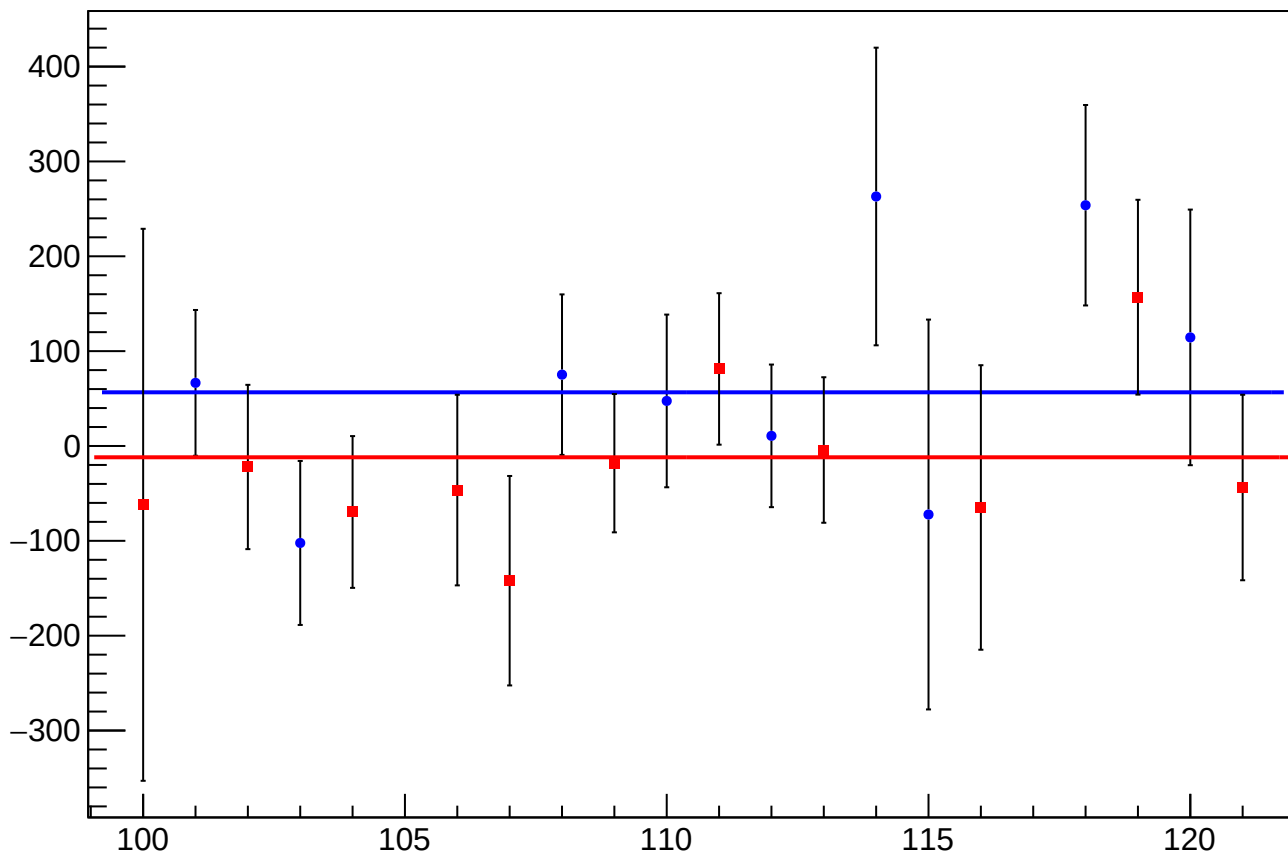
Right: 278.460 $\pm$ 0.073 χ^2 /NDF: 1594078.5/19

In: 278.662 $\pm$ 0.108 χ^2 /NDF:676119.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 278.460 $\pm$ 0.073 χ^2 /NDF: 1594078.5/19

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.916+/-28.385 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

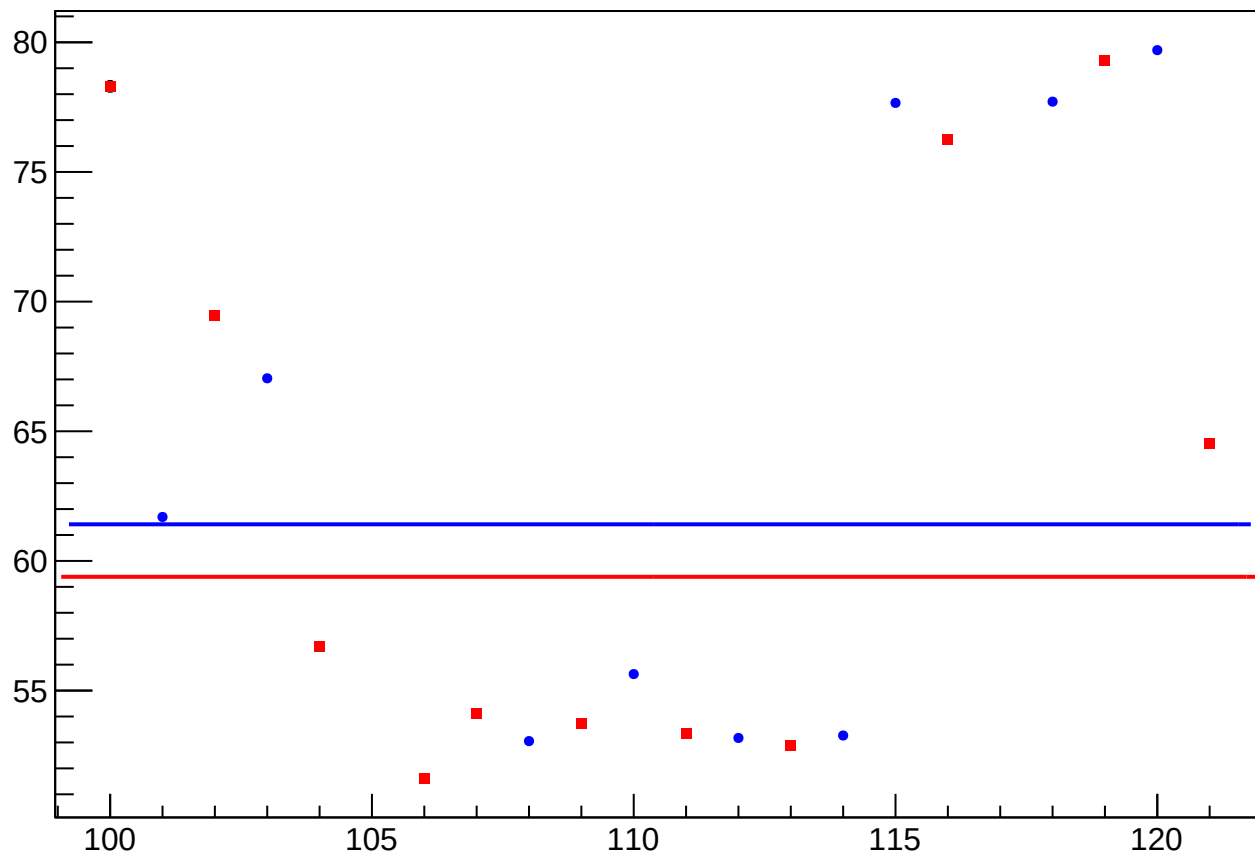
Right: 17.775+/-21.366 χ^2/NDF : 18.5/19

In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.775+/-21.366 χ^2/NDF : 18.5/19

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.388+/-0.020 χ^2/NDF : 198107.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

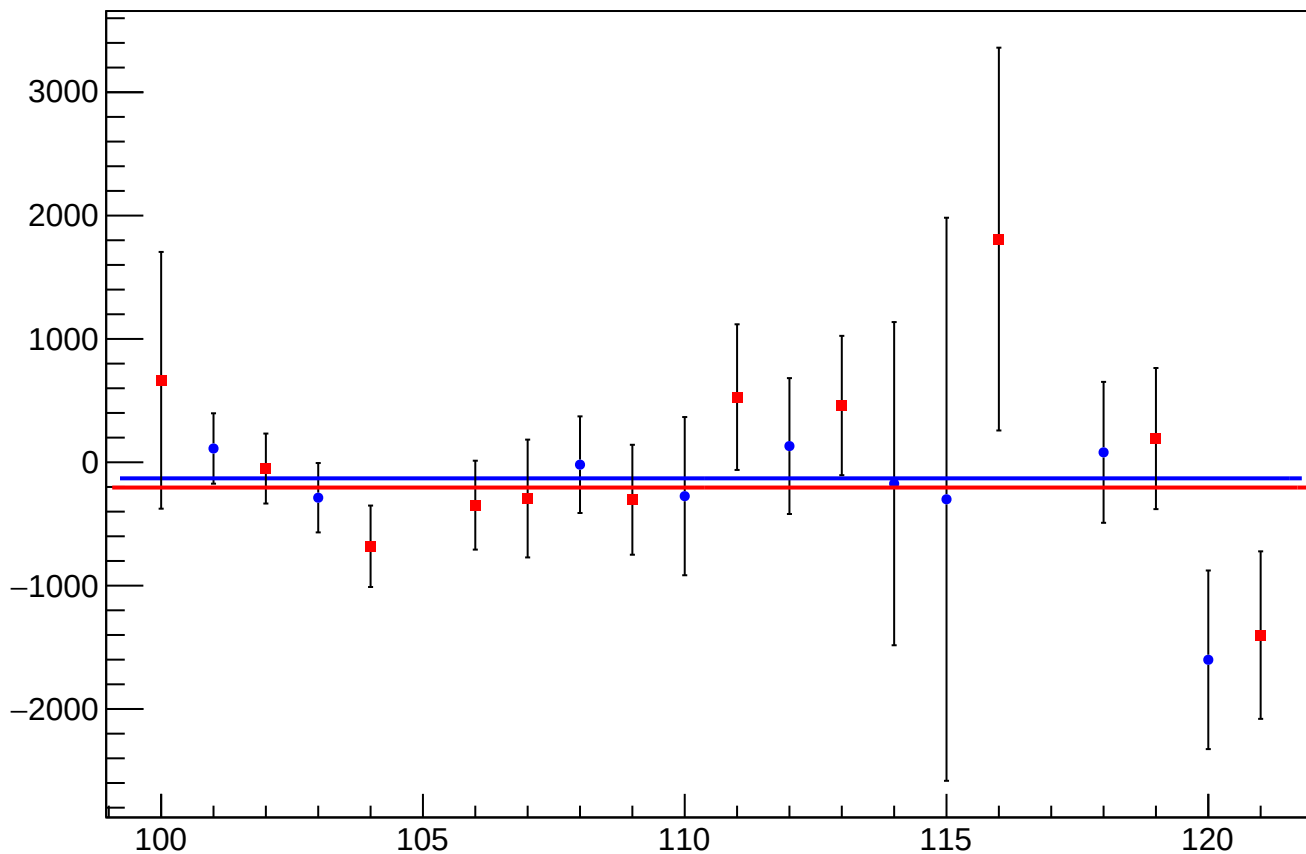
Right: 60.265+/-0.015 χ^2/NDF : 364940.5/19

In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.265+/-0.015 χ^2/NDF : 364940.5/19

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.741+/-139.619 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

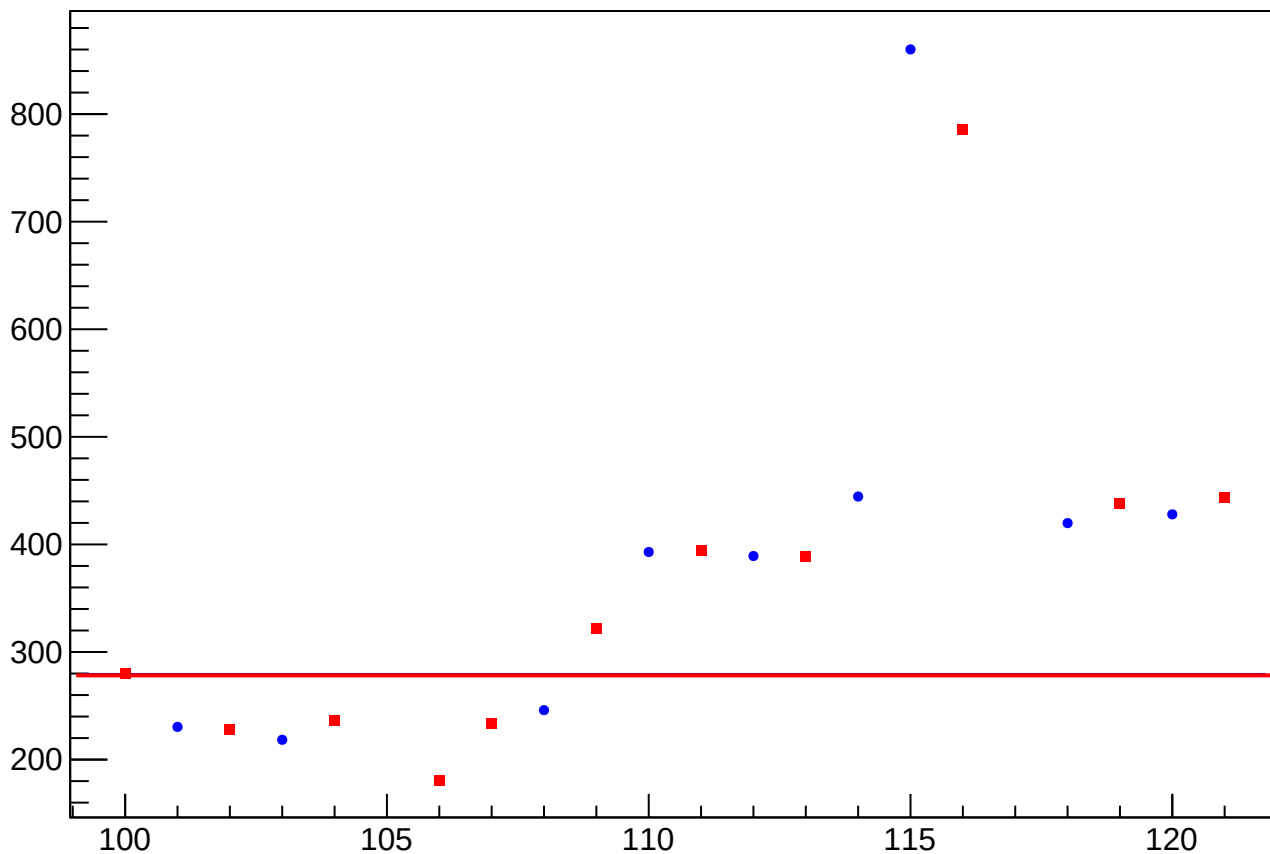
Right: -170.740+/-103.018 χ^2/NDF : 17.3/19

In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.740+/-103.018 χ^2/NDF : 17.3/19

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 278.662+/-0.108 χ^2/NDF : 676119.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.290+/-0.099 χ^2/NDF : 917952.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

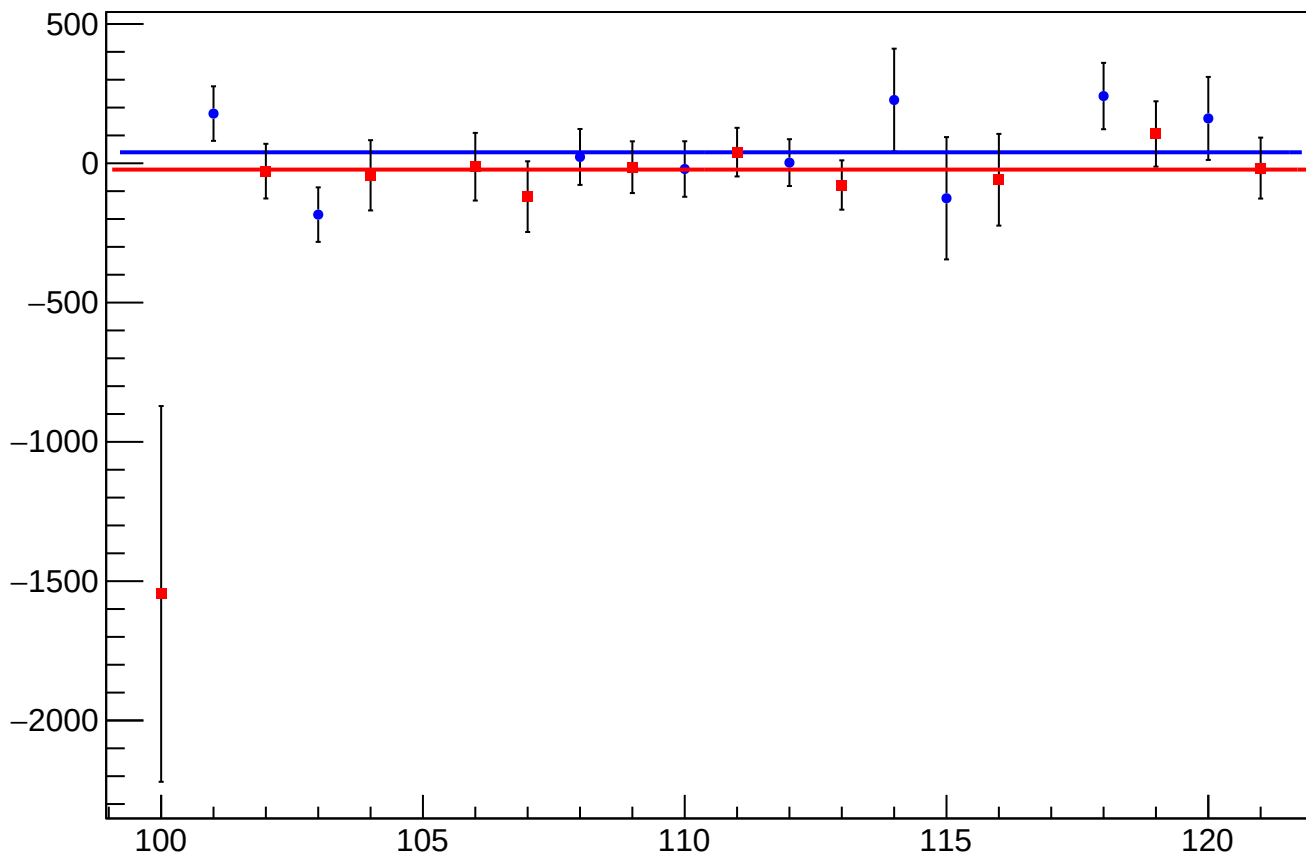
Right: 278.460+/-0.073 χ^2/NDF : 1594078.5/19

In: 278.662+/-0.108 χ^2/NDF : 676119.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.460+/-0.073 χ^2/NDF : 1594078.5/19

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 39.480+/-37.373 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.590+/-33.970 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

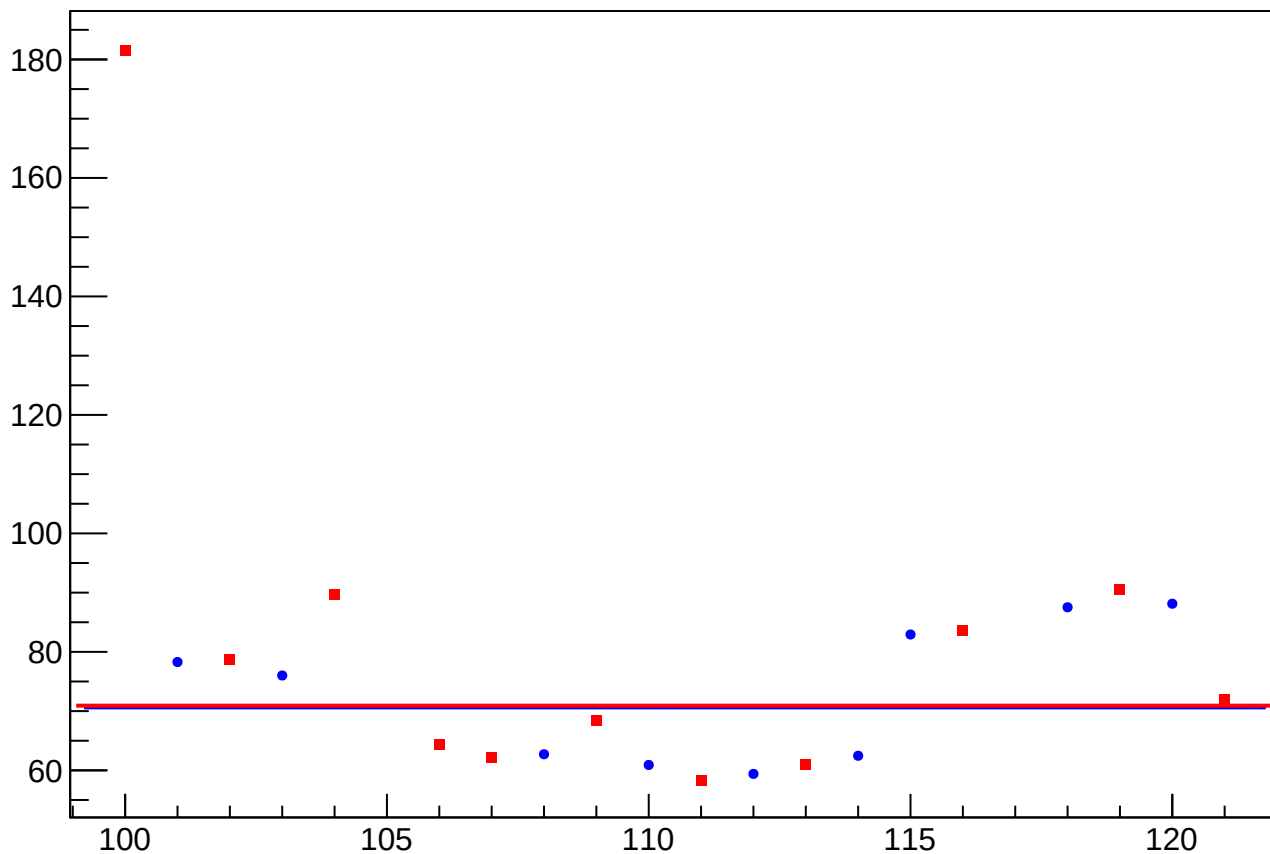
Right: 5.491+/-25.138 χ^2/NDF : 22.4/19

In: 39.480+/-37.373 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.491+/-25.138 χ^2/NDF : 22.4/19

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.632 $\pm$ 0.026 χ^2 /NDF: 163460.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.920 $\pm$ 0.024 χ^2 /NDF: 262583.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

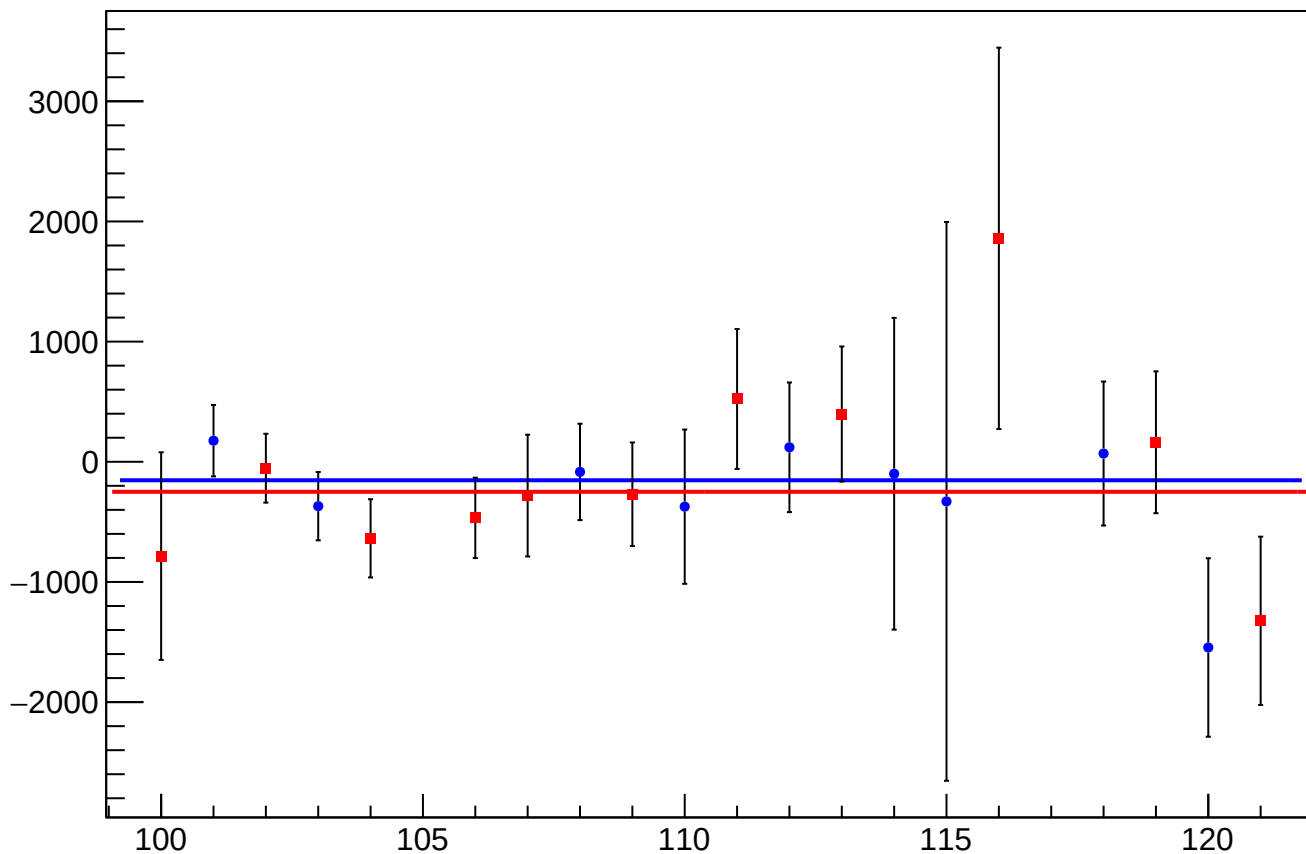
Right: 70.790 $\pm$ 0.018 χ^2 /NDF: 426108.8/19

In: 70.632 $\pm$ 0.026 χ^2 /NDF:163460.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.790 $\pm$ 0.018 χ^2 /NDF: 426108.8/19

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.722+/-155.882 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -249.729+/-137.885 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

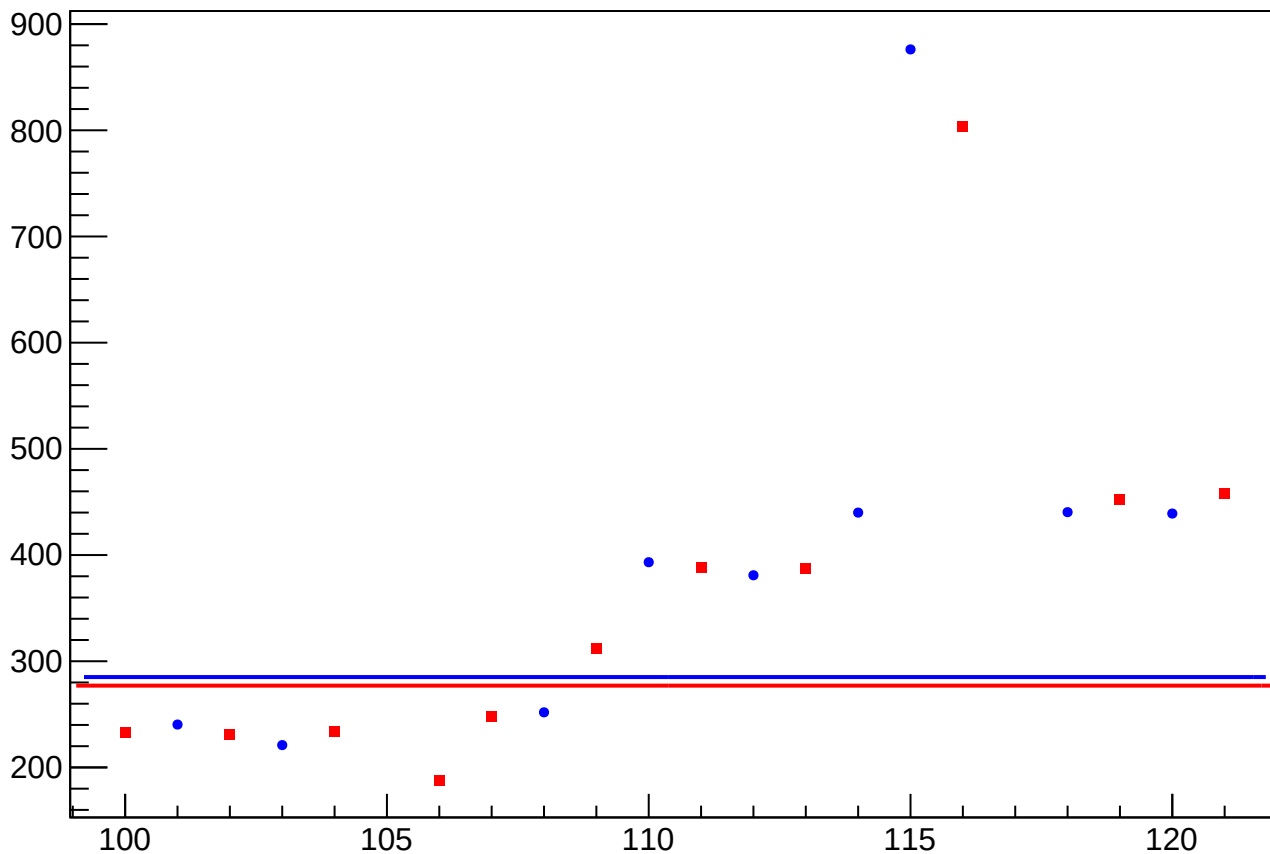
Right: -207.585+/-103.279 χ^2/NDF : 16.5/19

In: -153.722+/-155.882 χ^2/NDF : 5.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.585+/-103.279 χ^2/NDF : 16.5/19

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 285.100+/-0.110 χ^2/NDF : 658612.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.030+/-0.097 χ^2/NDF : 936158.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

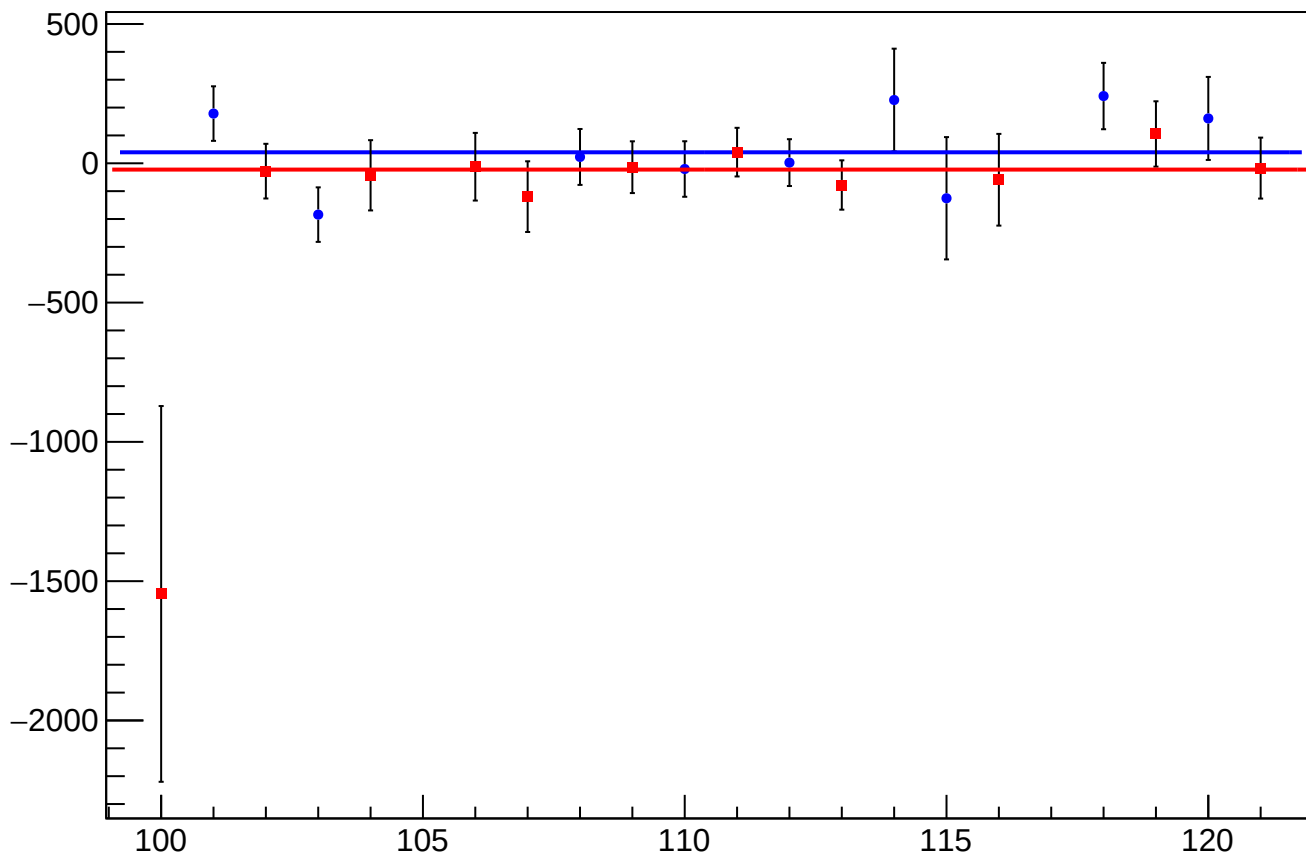
Right: 280.572+/-0.073 χ^2/NDF : 1597778.7/19

In: 285.100+/-0.110 χ^2/NDF : 658612.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.572+/-0.073 χ^2/NDF : 1597778.7/19

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 39.481+/-37.373 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.590+/-33.970 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

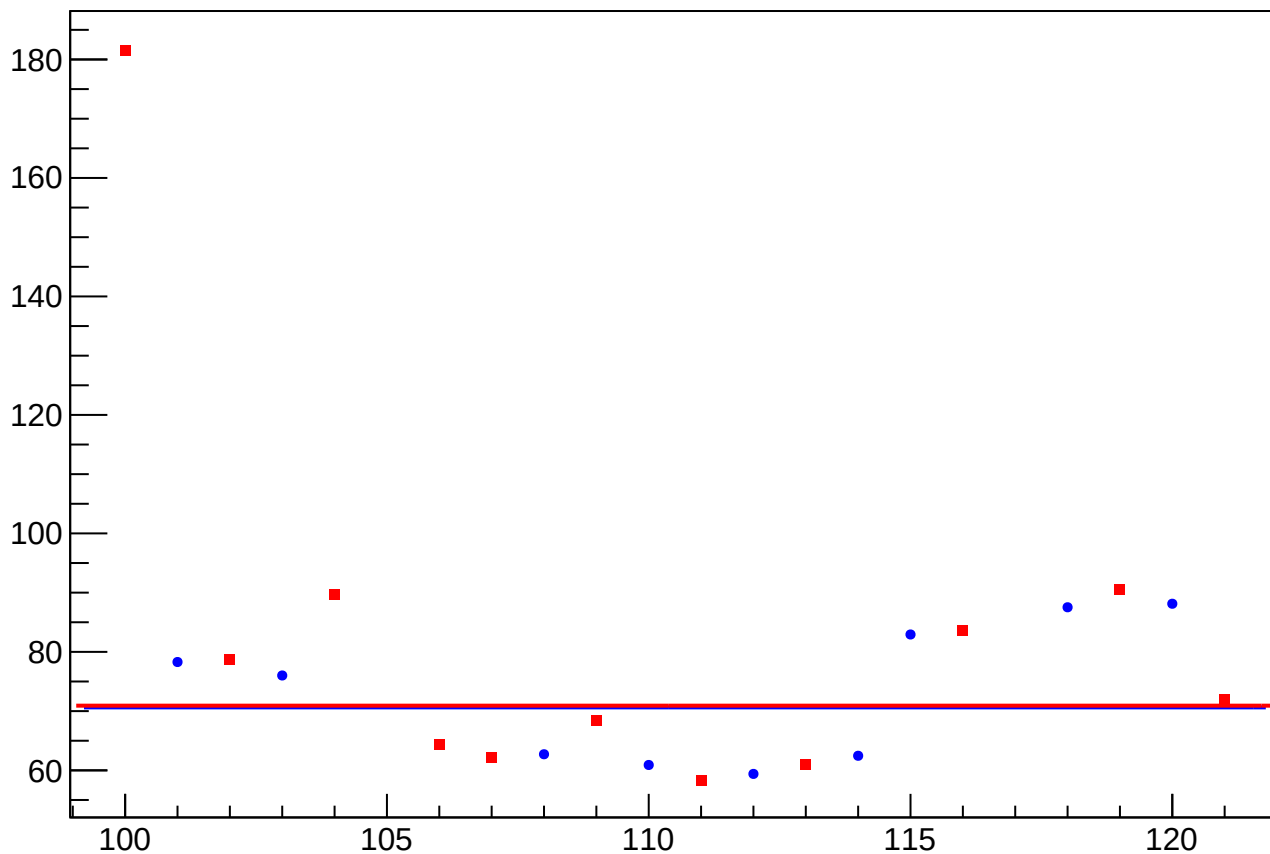
Right: 5.491+/-25.138 χ^2/NDF : 22.4/19

In: 39.481+/-37.373 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.491+/-25.138 χ^2/NDF : 22.4/19

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.632+/-0.026 χ^2/NDF : 163460.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.920+/-0.024 χ^2/NDF : 262586.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

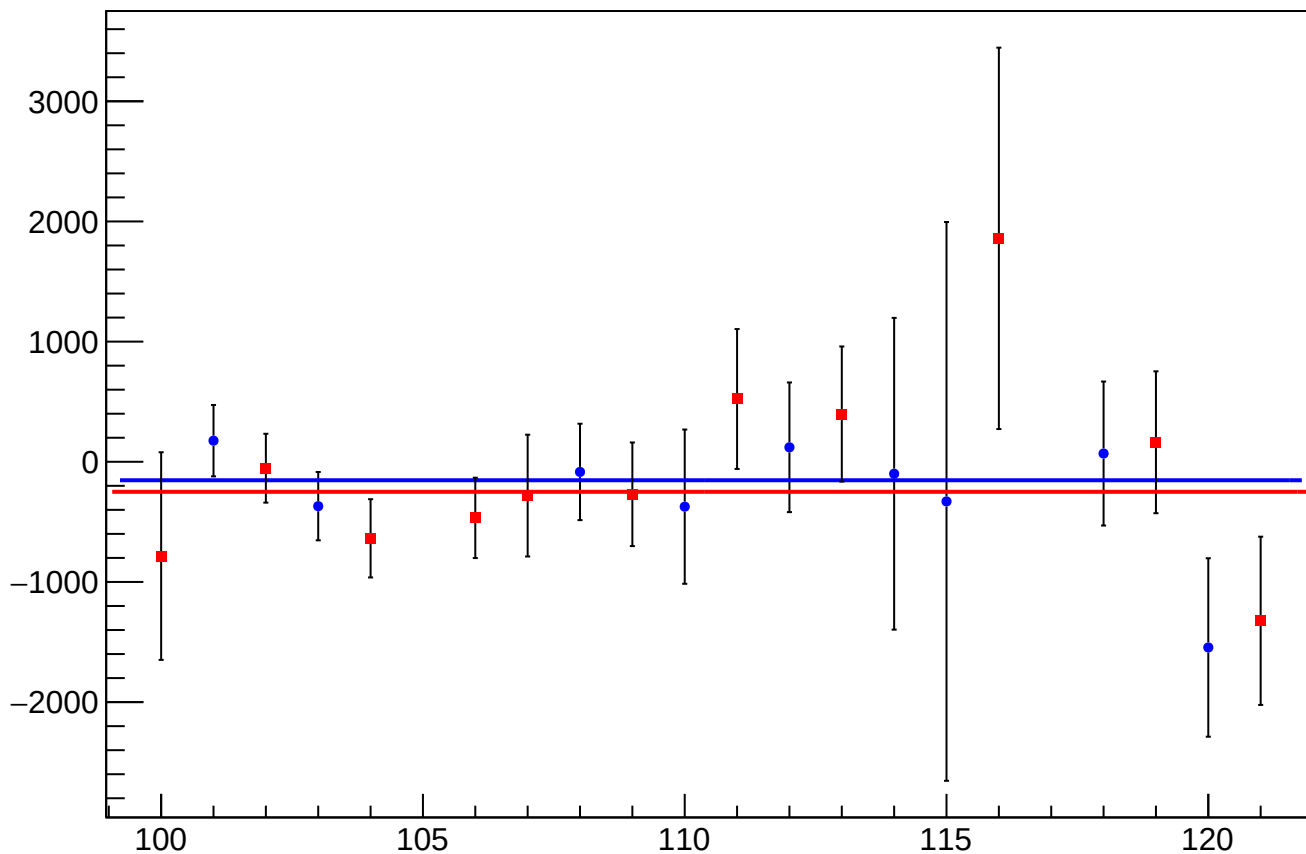
Right: 70.790+/-0.018 χ^2/NDF : 426111.7/19

In: 70.632+/-0.026 χ^2/NDF : 163460.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.790+/-0.018 χ^2/NDF : 426111.7/19

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.723+/-155.882 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -249.730+/-137.885 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

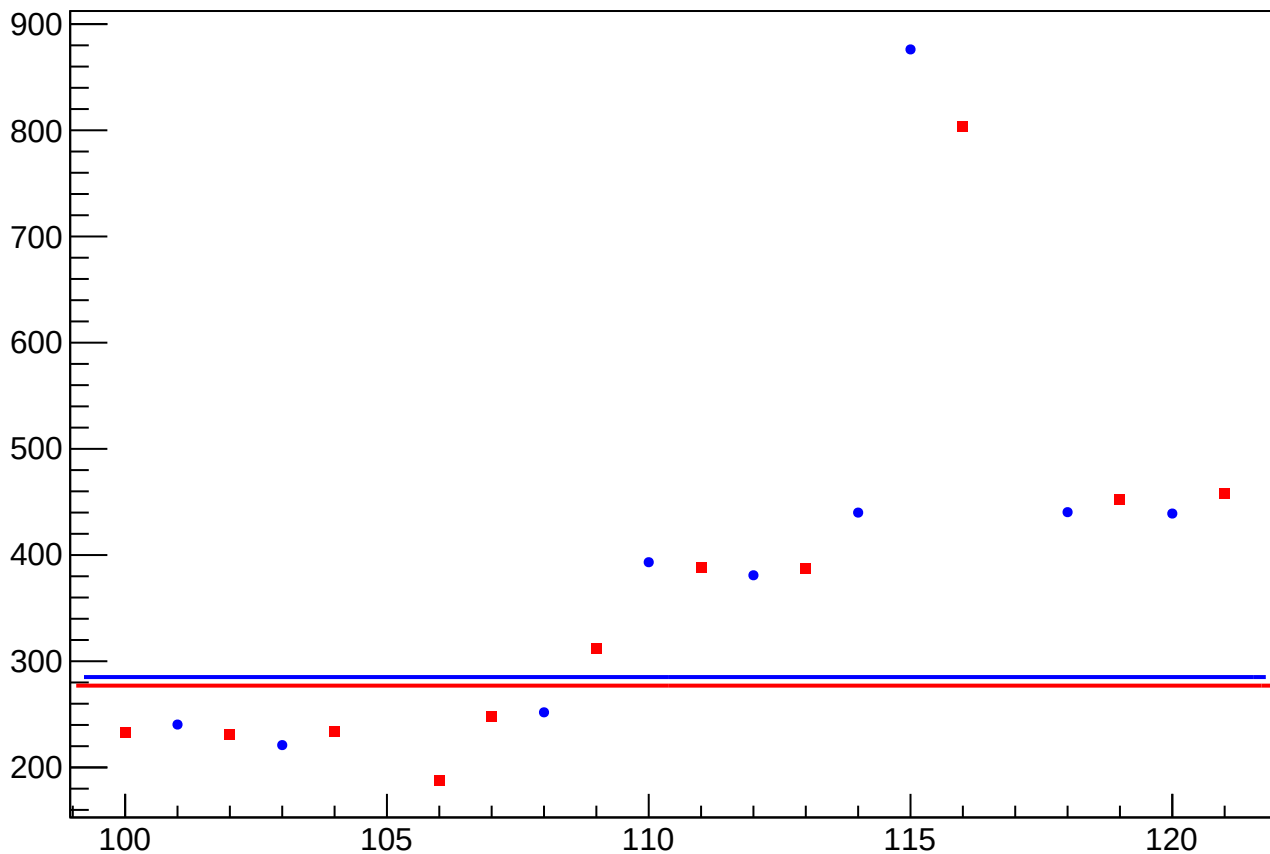
Right: -207.586+/-103.279 χ^2/NDF : 16.5/19

In: -153.723+/-155.882 χ^2/NDF : 5.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.586+/-103.279 χ^2/NDF : 16.5/19

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 285.101+/-0.110 χ^2/NDF : 658610.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.030+/-0.097 χ^2/NDF : 936157.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

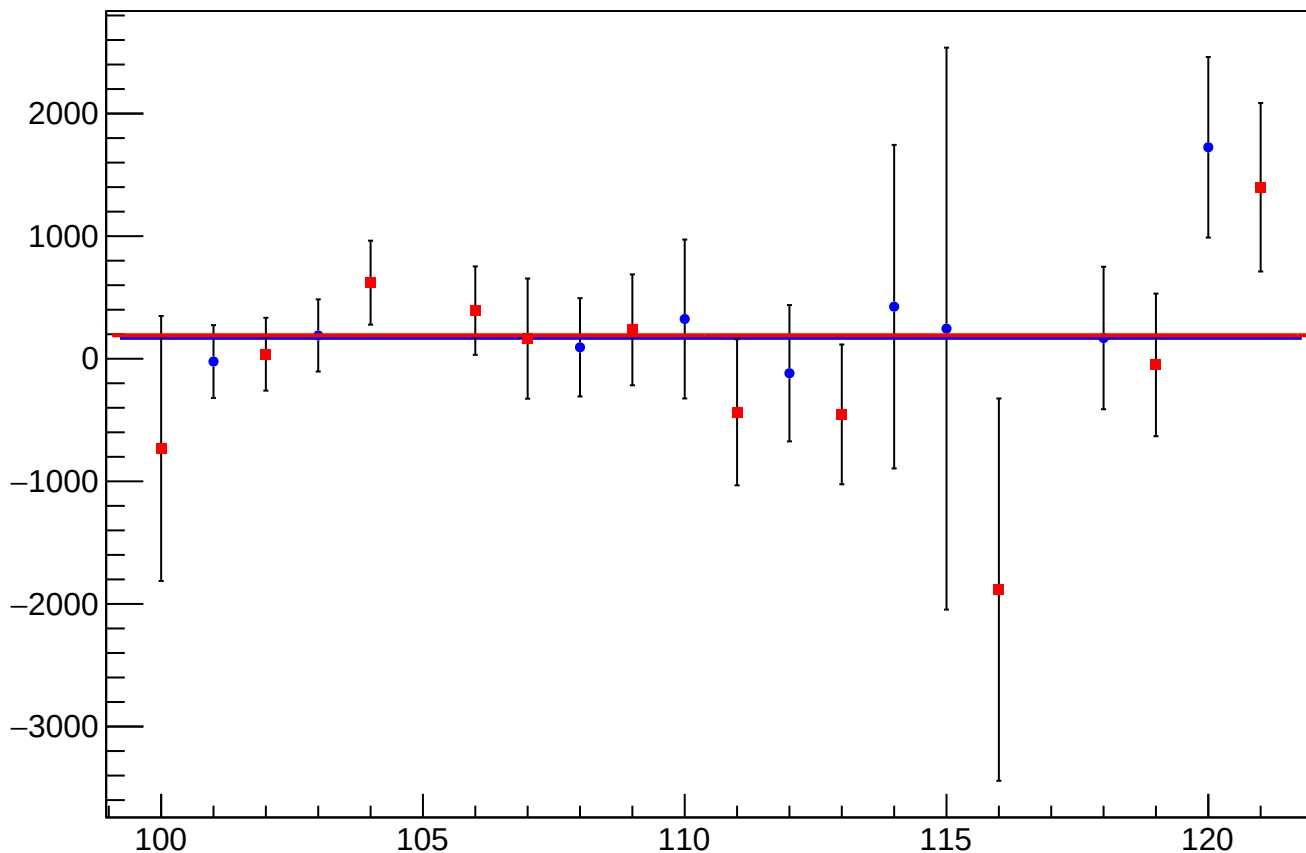
Right: 280.573+/-0.073 χ^2/NDF : 1597776.0/19

In: 285.101+/-0.110 χ^2/NDF : 658610.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.573+/-0.073 χ^2/NDF : 1597776.0/19

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 170.836+/-157.566 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 191.522+/-143.117 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

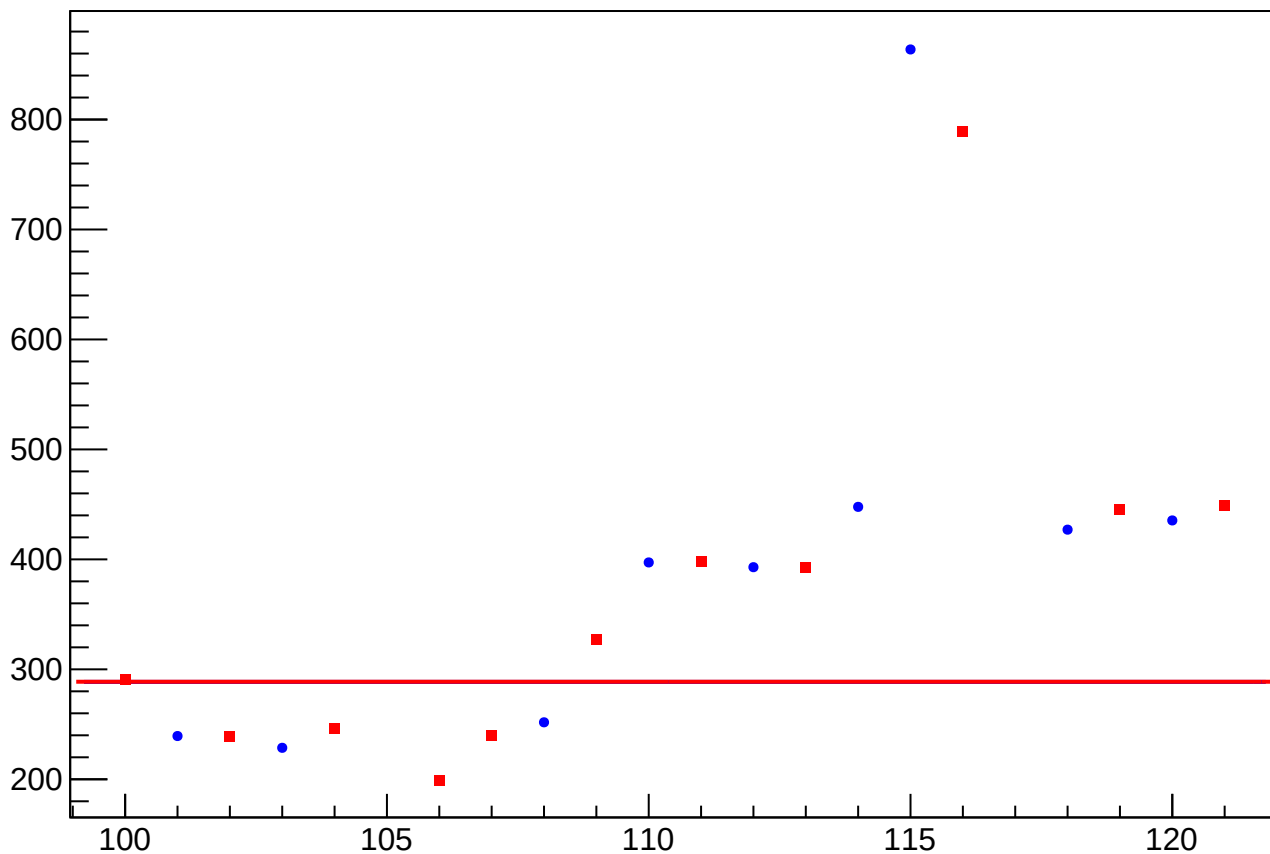
Right: 182.171+/-105.940 χ^2/NDF : 15.6/19

In: 170.836+/-157.566 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.171+/-105.940 χ^2/NDF : 15.6/19

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 288.558+/-0.111 χ^2/NDF : 629390.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.722+/-0.101 χ^2/NDF : 837623.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

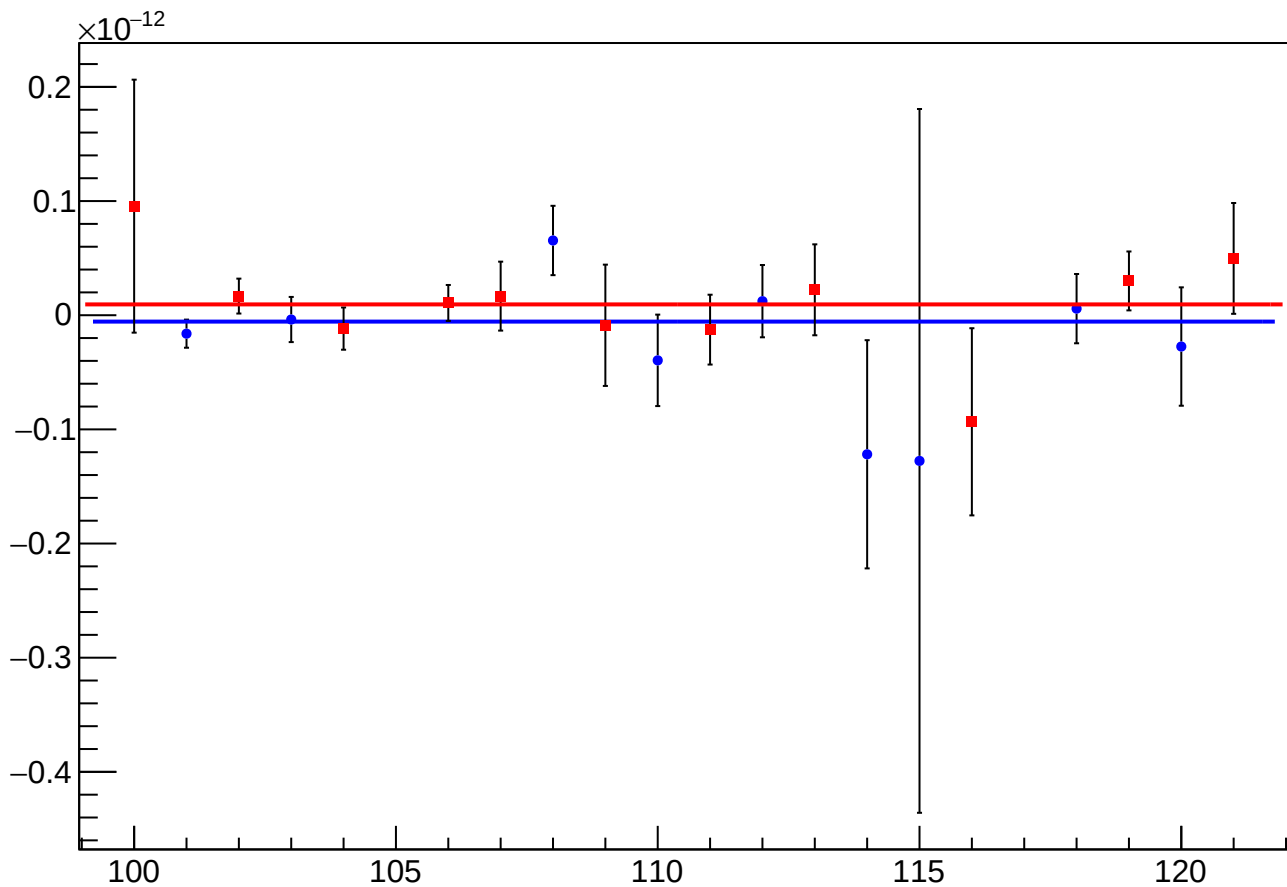
Right: 288.648+/-0.075 χ^2/NDF : 1467014.8/19

In: 288.558+/-0.111 χ^2/NDF : 629390.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.648+/-0.075 χ^2/NDF : 1467014.8/19

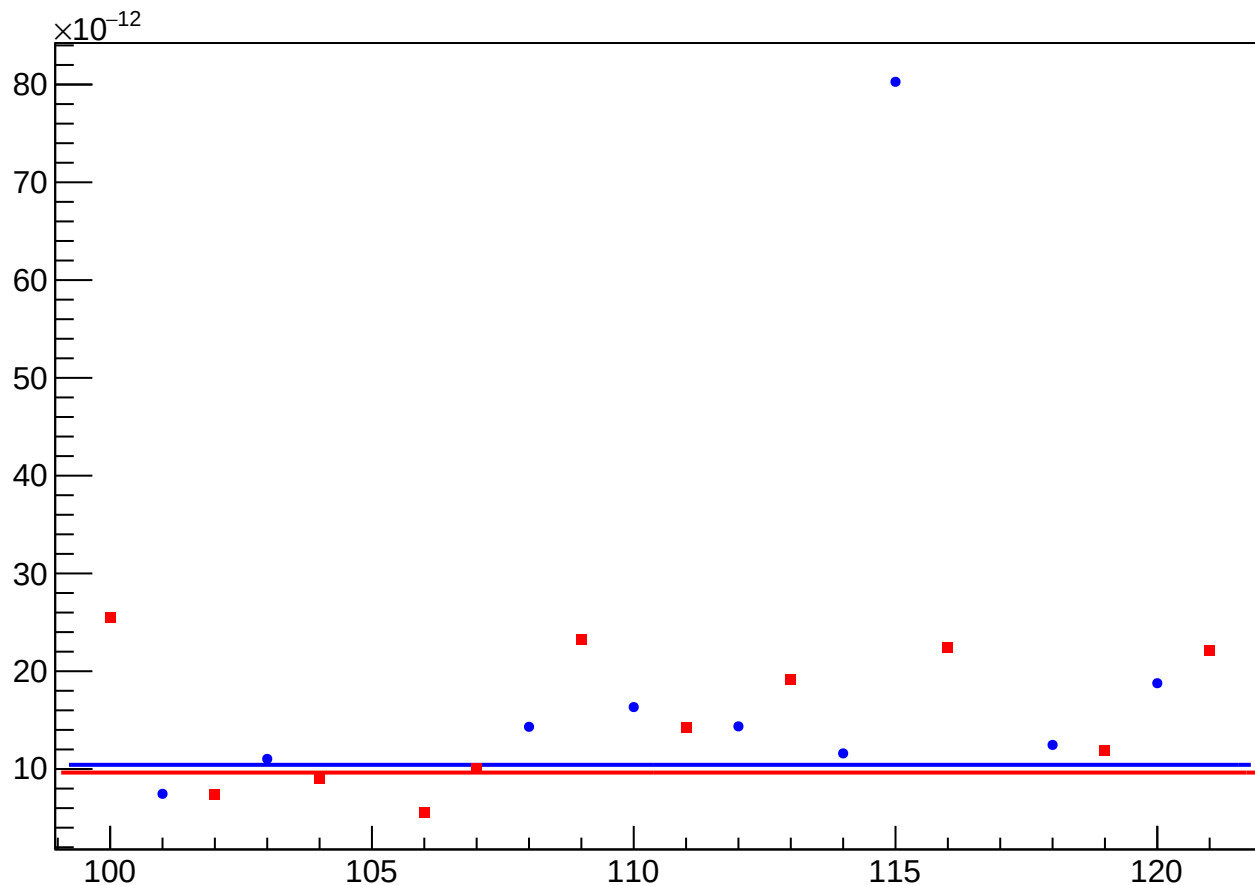
asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.6/19
 In: -0.000+/-0.000 χ^2/NDF :9.1/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.6/19

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 388646.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 710687.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

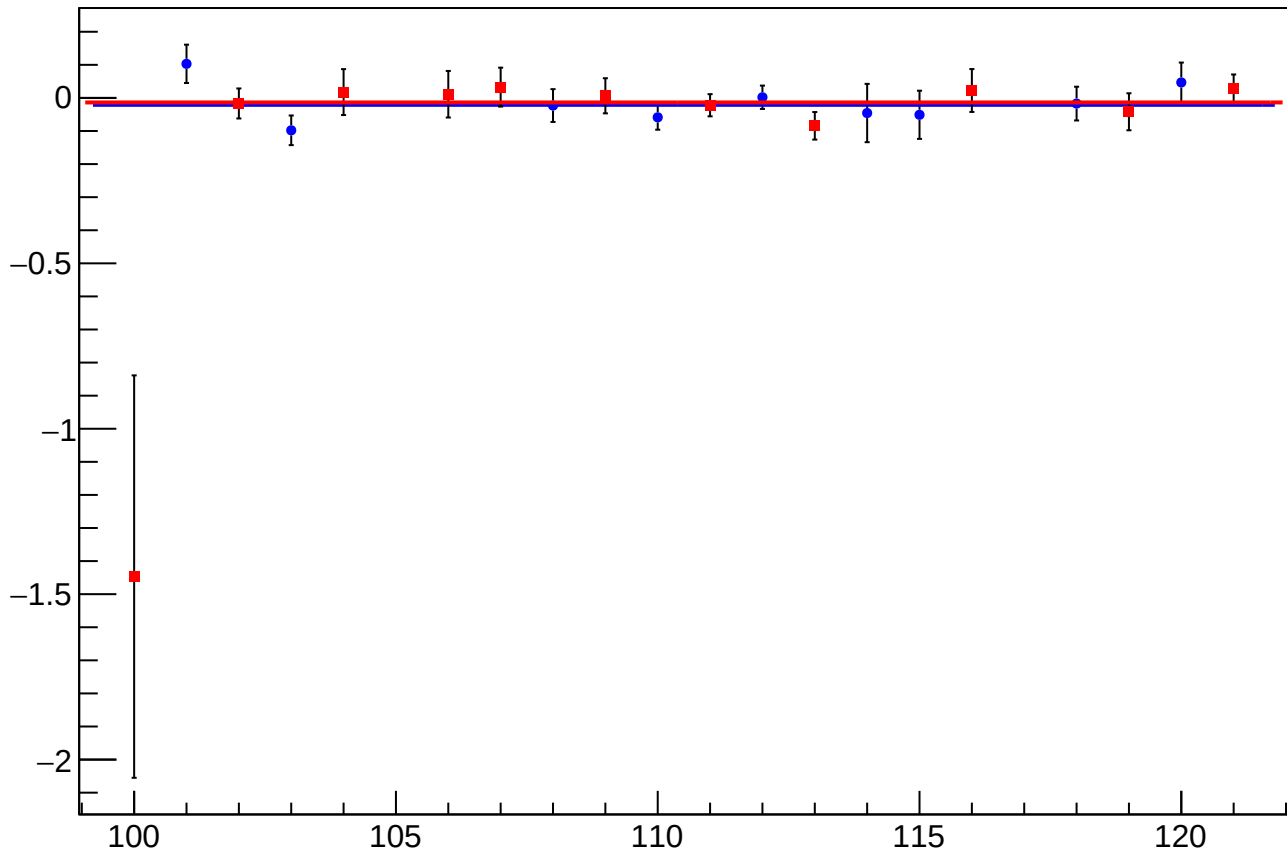
Right: 0.000+/-0.000 χ^2/NDF : 1108654.4/19

In: 0.000+/-0.000 χ^2/NDF : 388646.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1108654.4/19

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 11.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

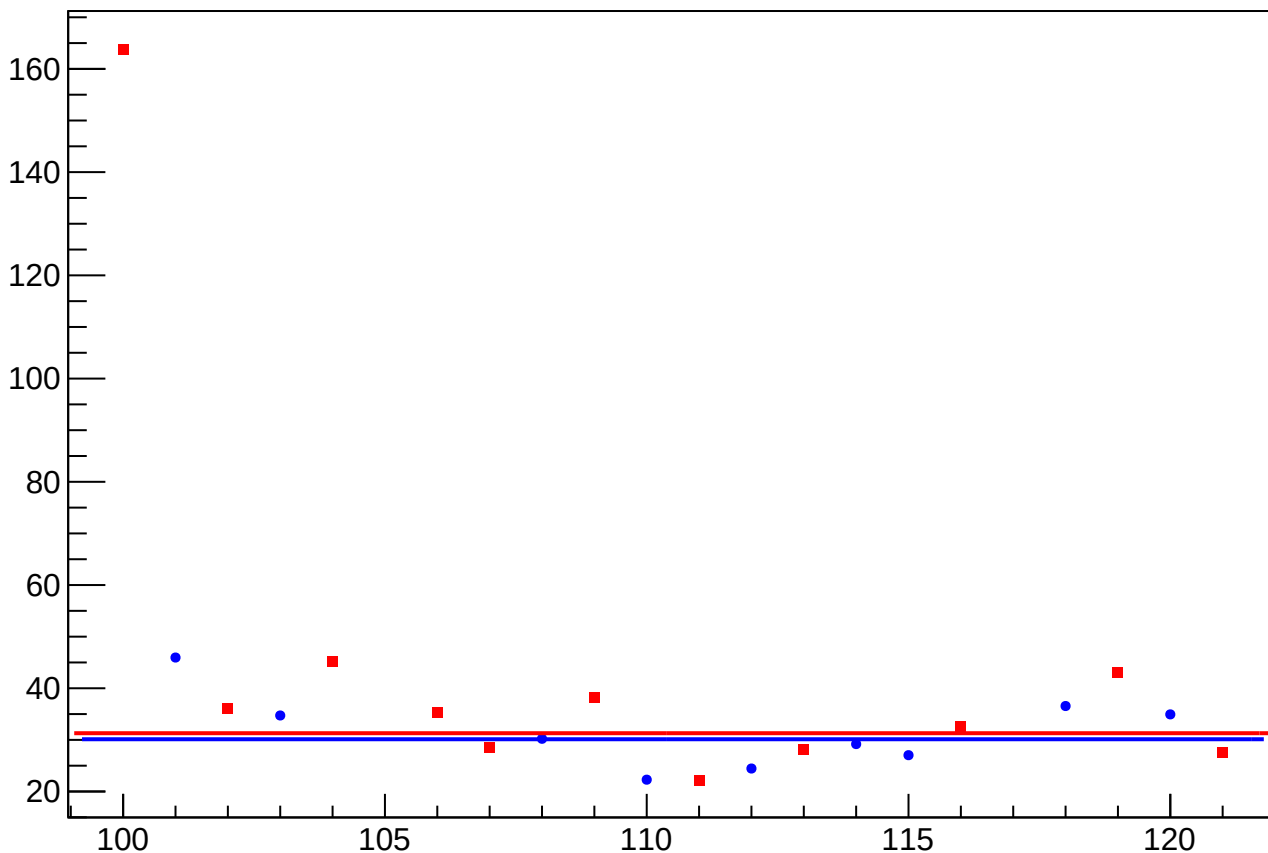
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.293+/-0.011 χ^2/NDF : 507787.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

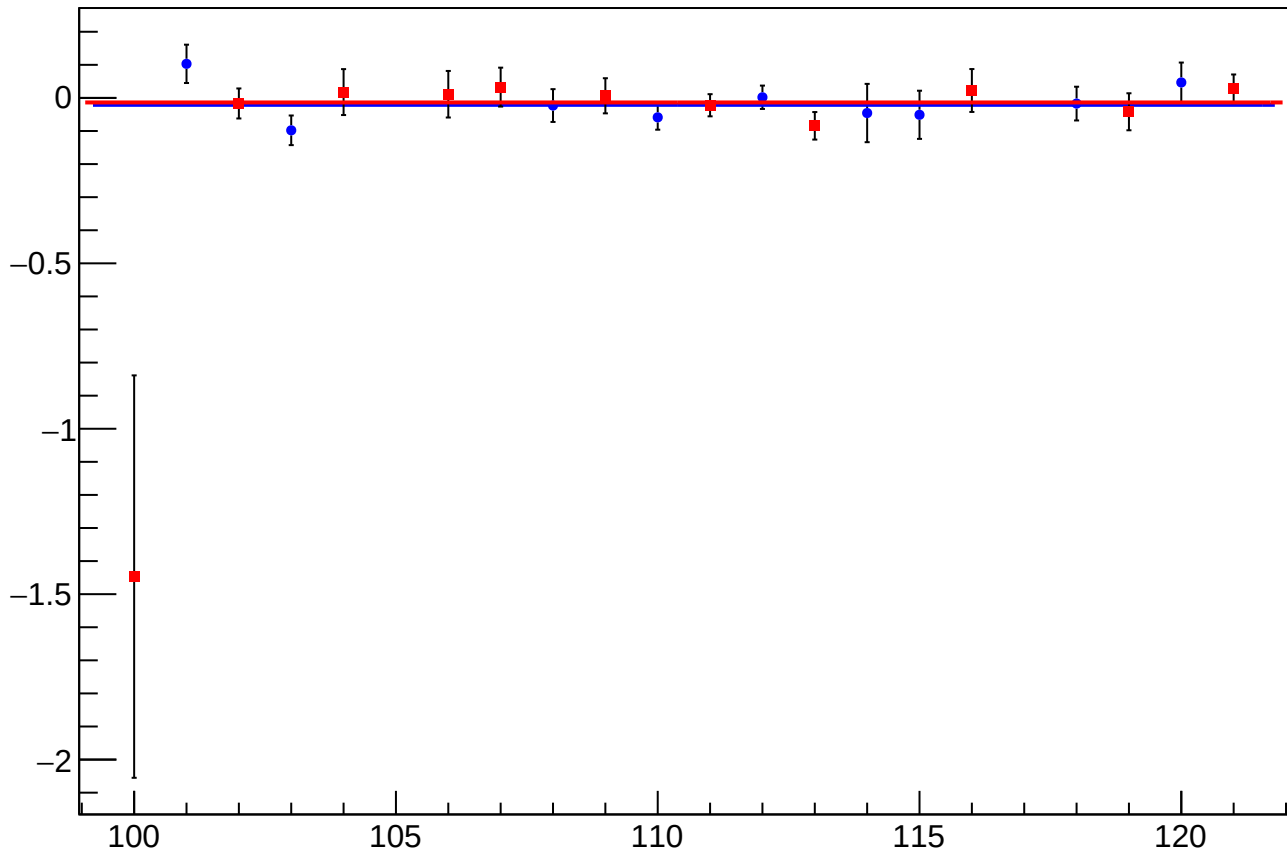
Right: 30.738+/-0.008 χ^2/NDF : 871425.5/19

In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.738+/-0.008 χ^2/NDF : 871425.5/19

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 11.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

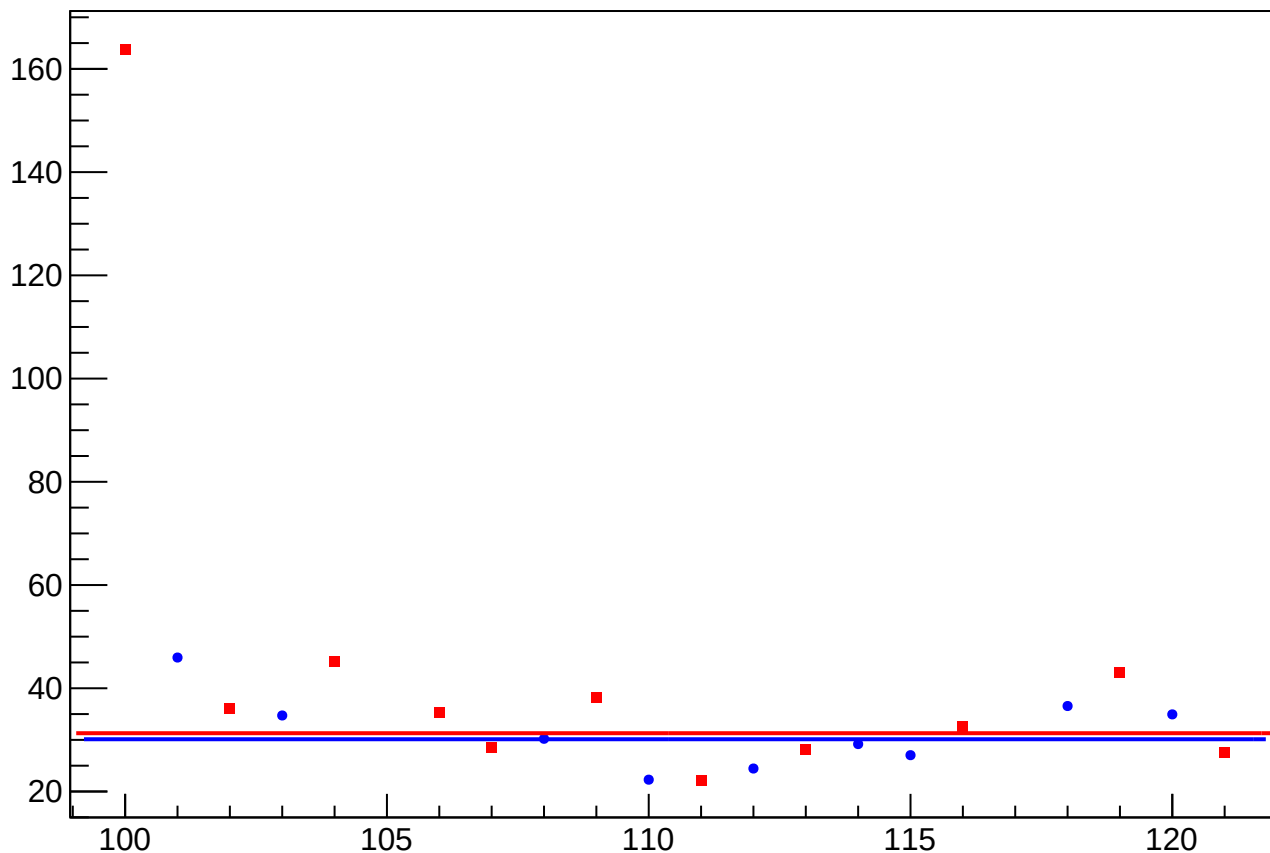
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.293+/-0.011 χ^2/NDF : 507787.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

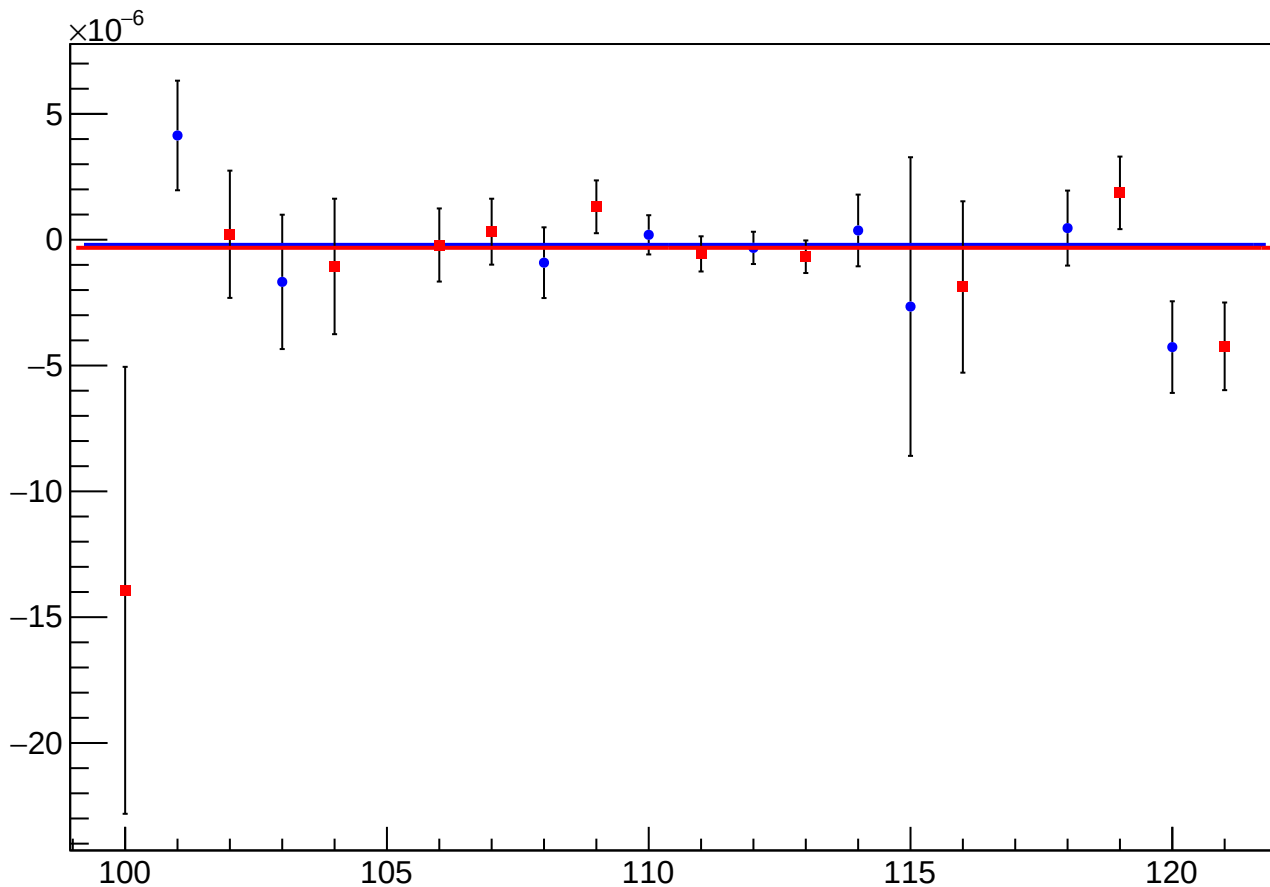
Right: 30.738+/-0.008 χ^2/NDF : 871425.5/19

In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.738+/-0.008 χ^2/NDF : 871425.5/19

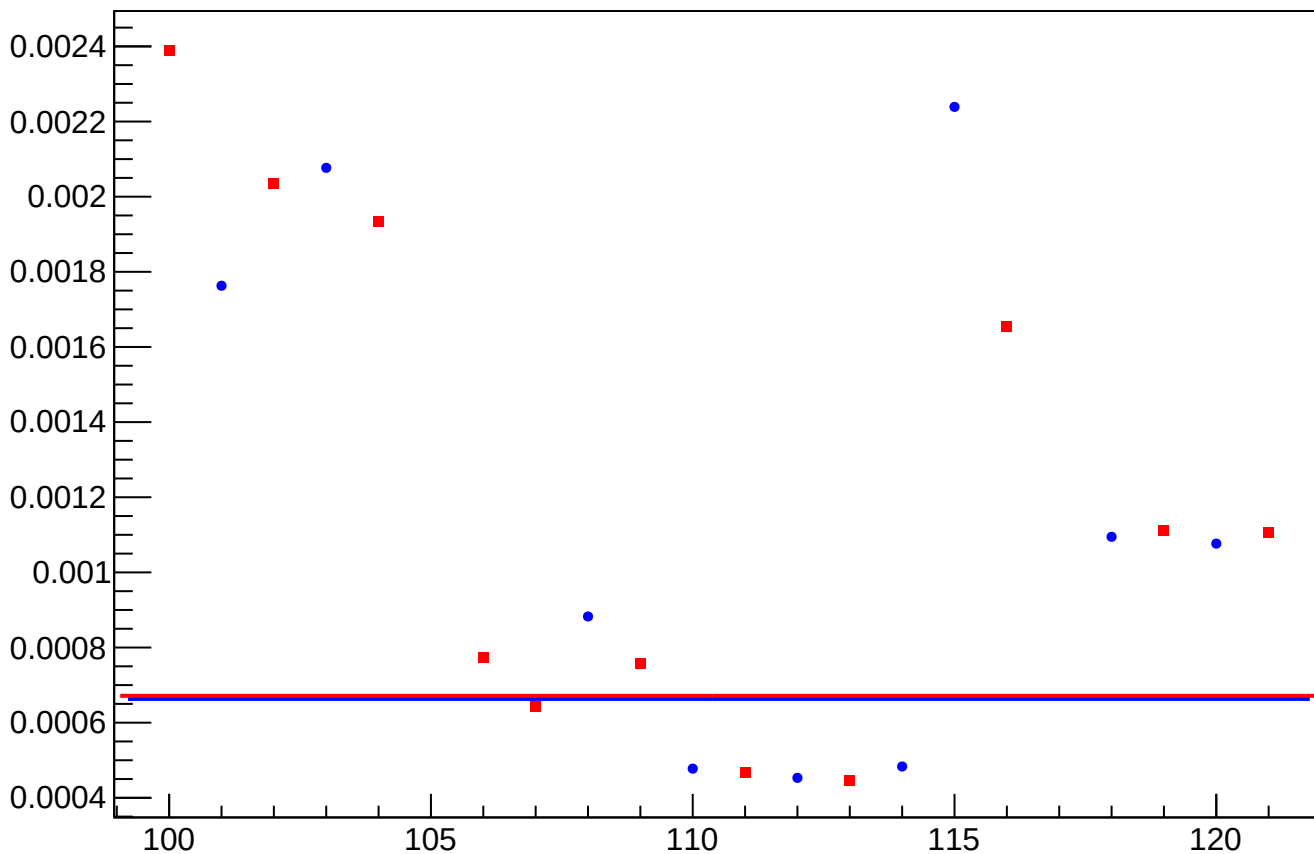
asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.3/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 13.1/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 23.5/19
 In: -0.000+/-0.000 χ^2 /NDF:10.3/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 23.5/19

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1891321.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2013904.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

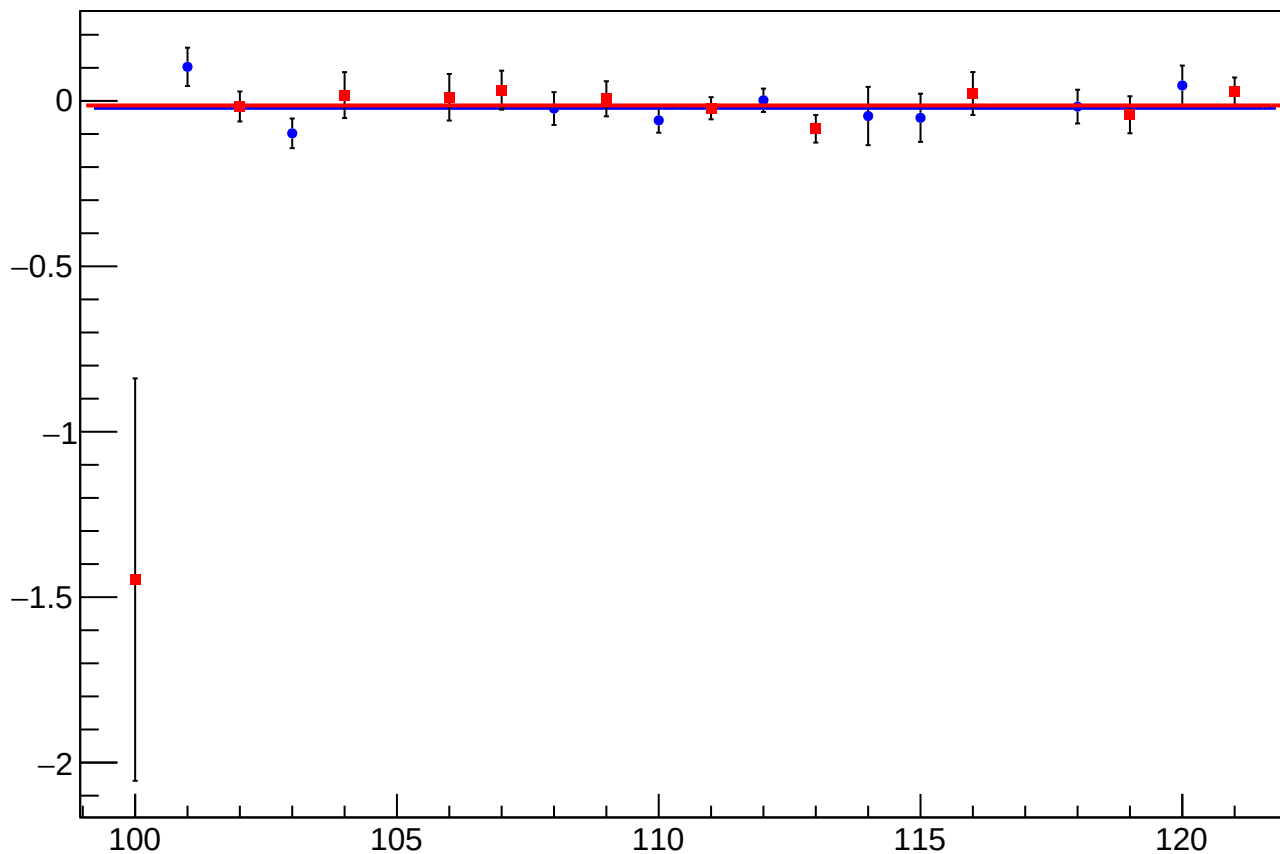
Right: 0.001+/-0.000 χ^2/NDF : 3905700.8/19

In: 0.001+/-0.000 χ^2/NDF : 1891321.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3905700.8/19

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 11.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

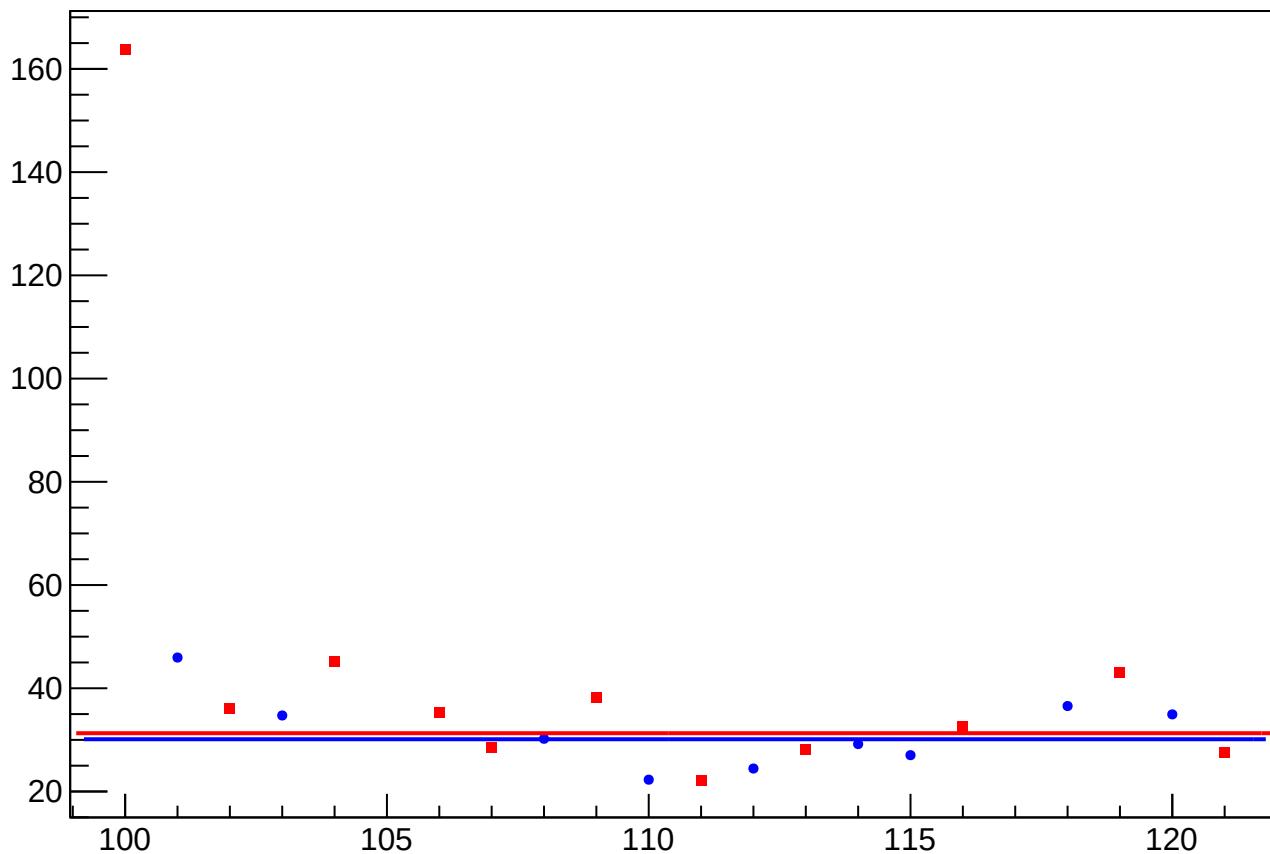
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.293+/-0.011 χ^2/NDF : 507785.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

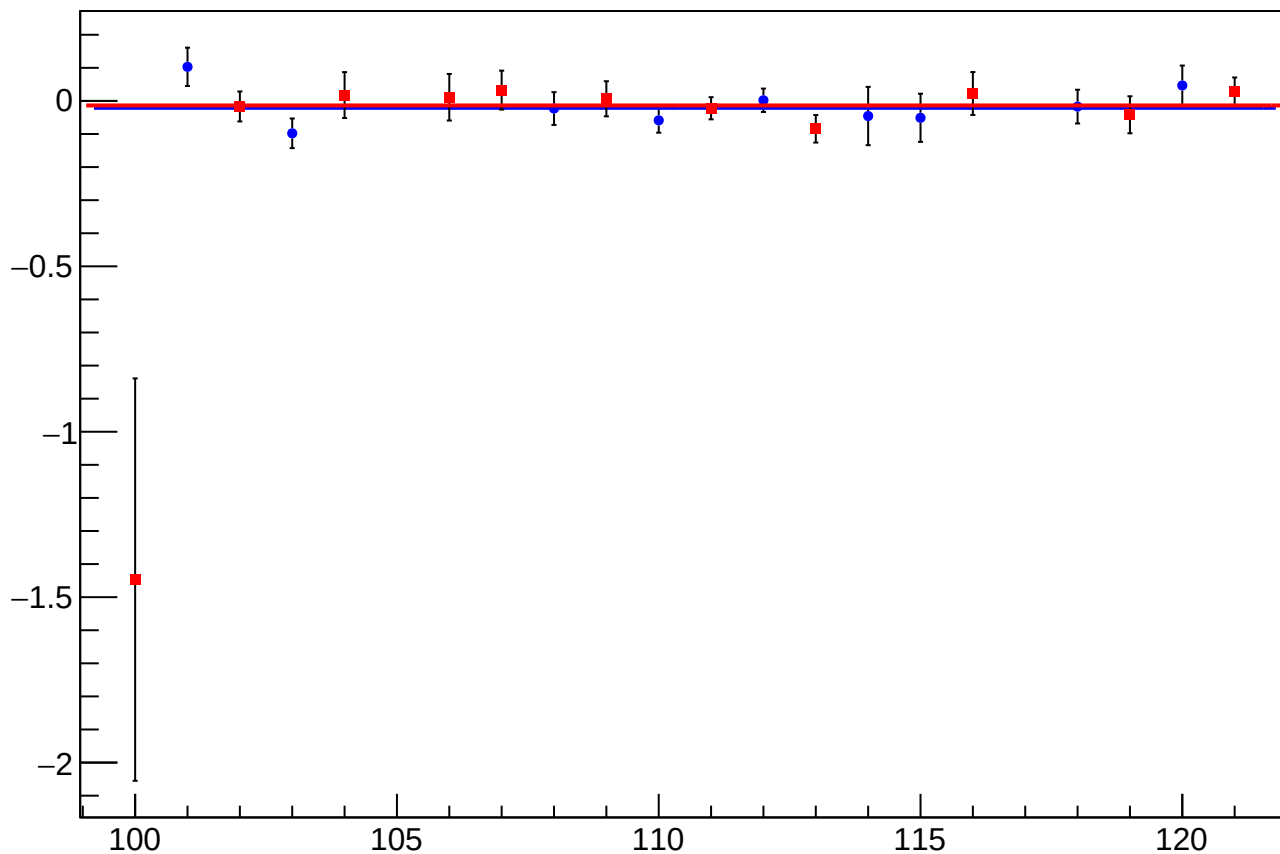
Right: 30.739+/-0.008 χ^2/NDF : 871426.3/19

In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.739+/-0.008 χ^2/NDF : 871426.3/19

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 11.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

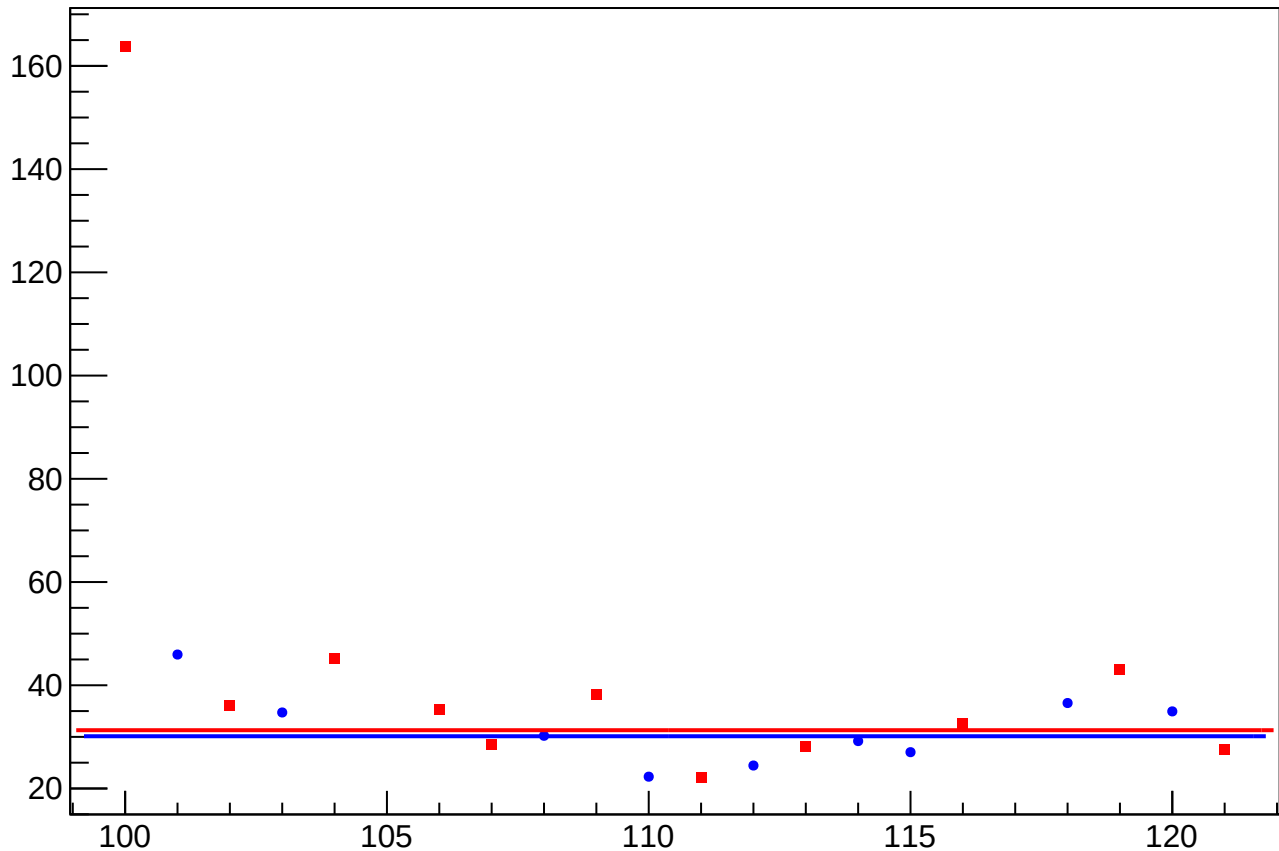
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 21.7/19

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.293+/-0.011 χ^2/NDF : 507785.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

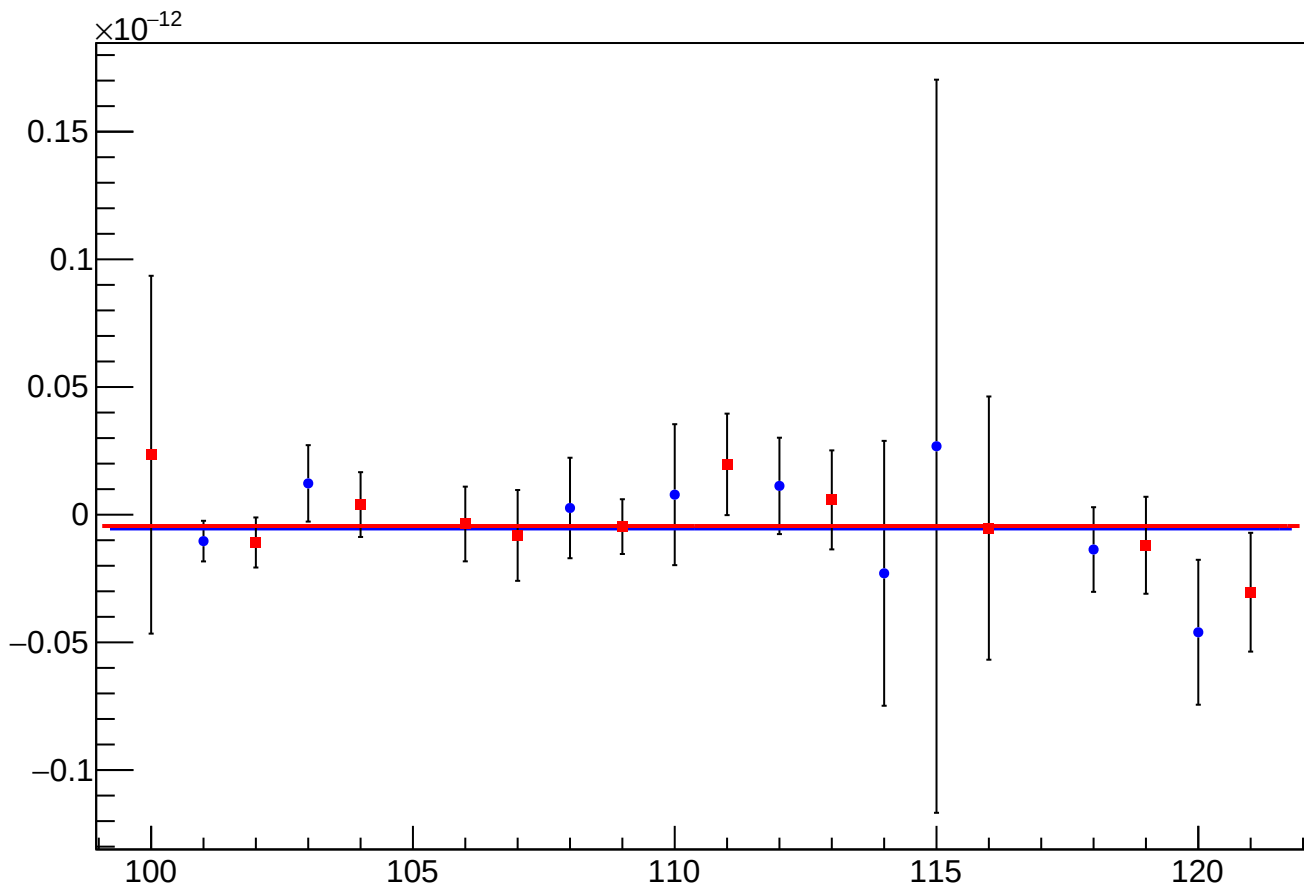
Right: 30.739+/-0.008 χ^2/NDF : 871426.3/19

In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.739+/-0.008 χ^2/NDF : 871426.3/19

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

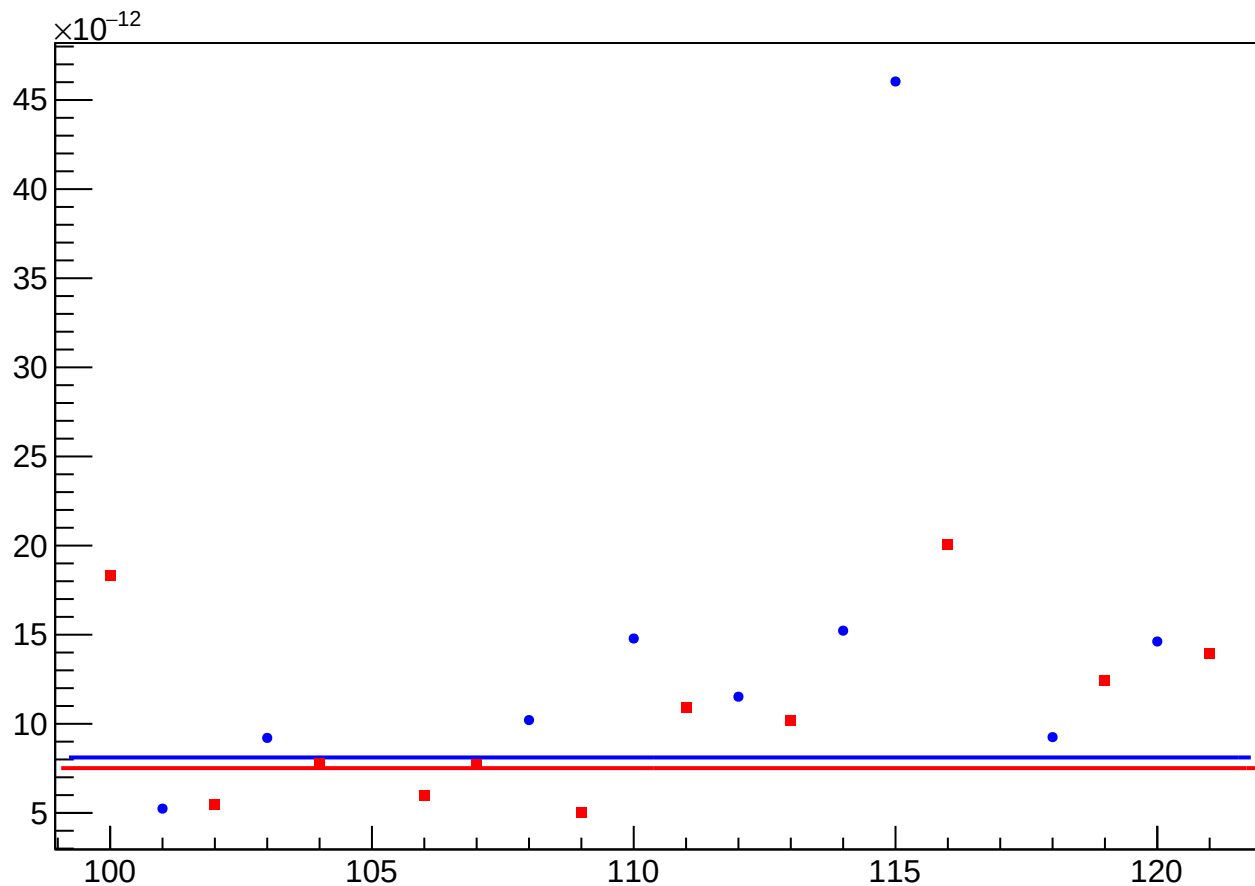
Right: -0.000+/-0.000 χ^2/NDF : 9.7/19

In: -0.000+/-0.000 χ^2/NDF :5.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/19

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767956.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 767511.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

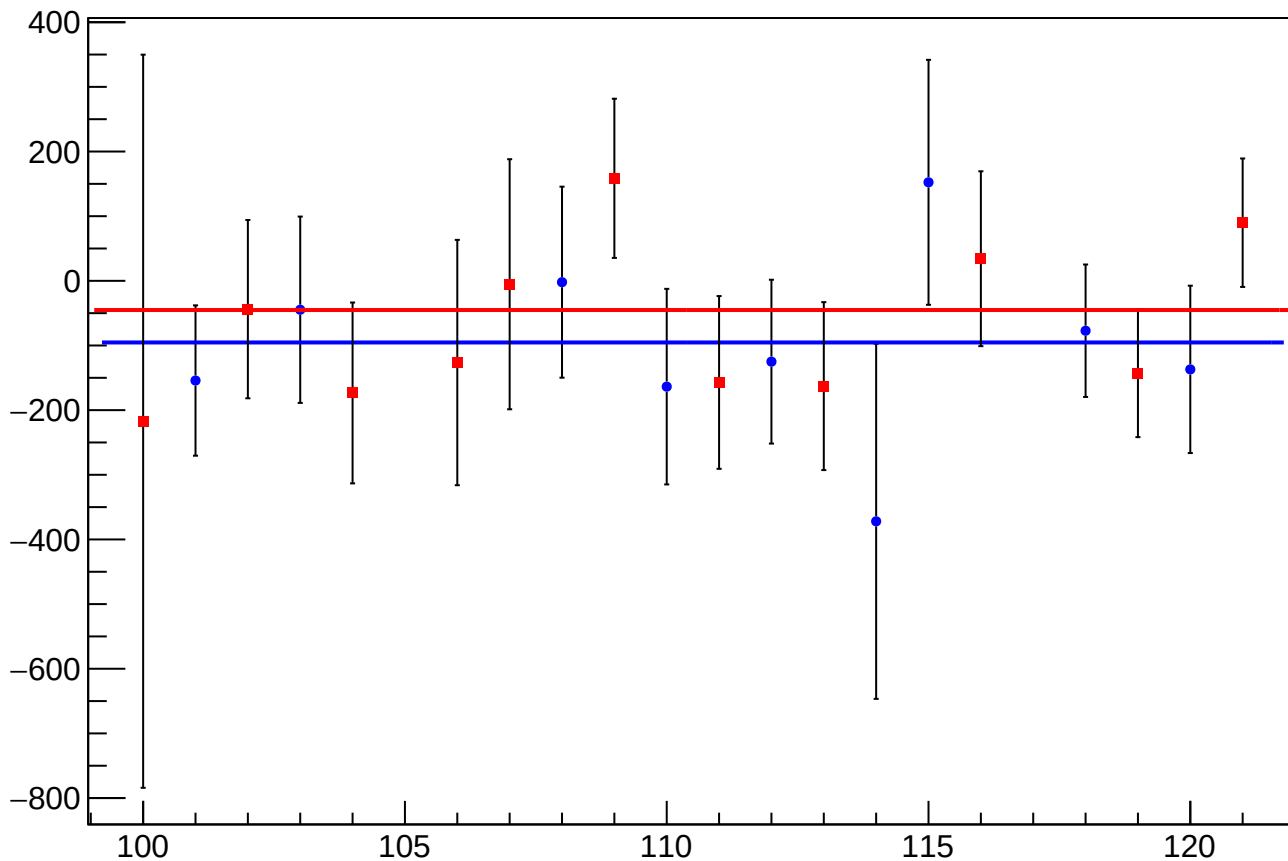
Right: 0.000+/-0.000 χ^2/NDF : 1548744.6/19

In: 0.000+/-0.000 χ^2/NDF : 767956.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1548744.6/19

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.327+/-46.123 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.162+/-40.790 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

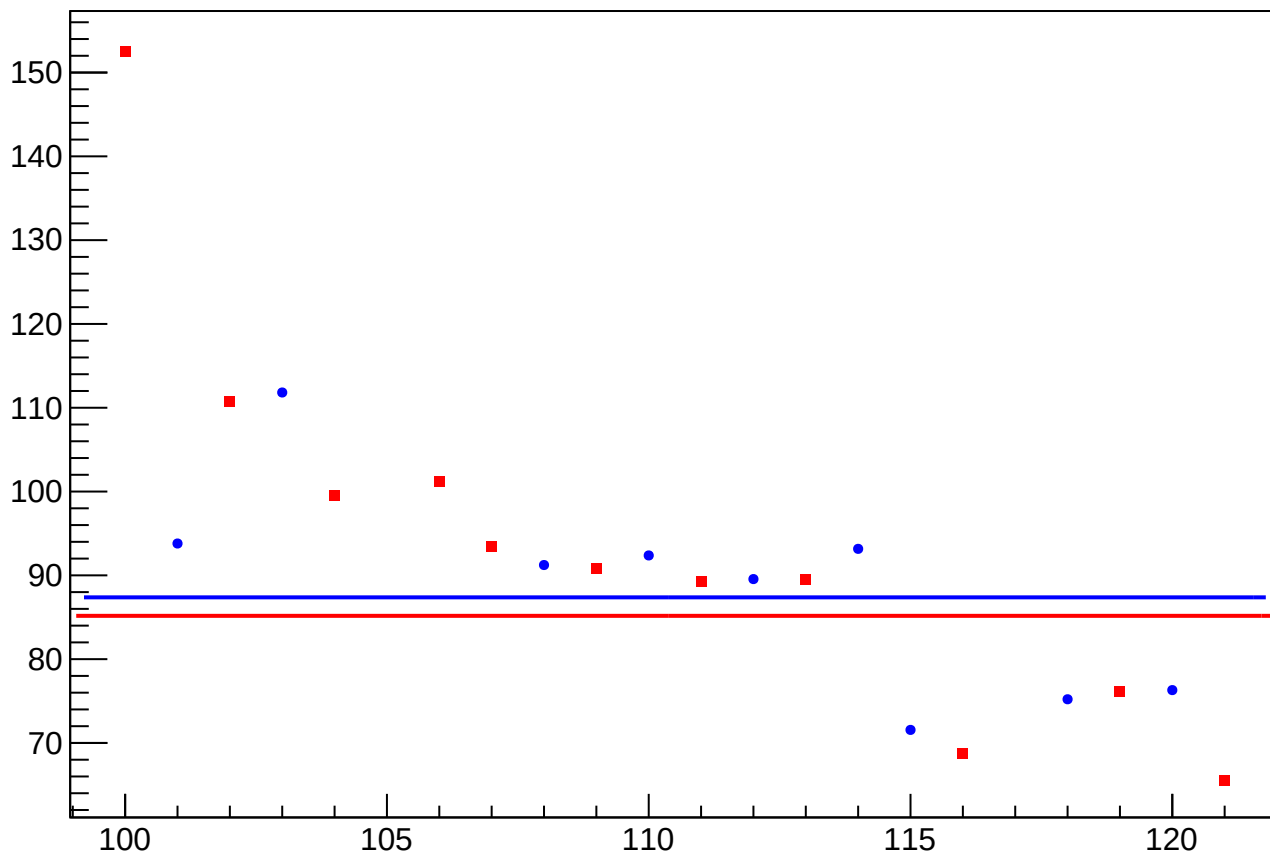
Right: -67.177+/-30.555 χ^2/NDF : 13.2/19

In: -95.327+/-46.123 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.177+/-30.555 χ^2/NDF : 13.2/19

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.375+/-0.033 χ^2/NDF : 125445.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.169+/-0.029 χ^2/NDF : 268875.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

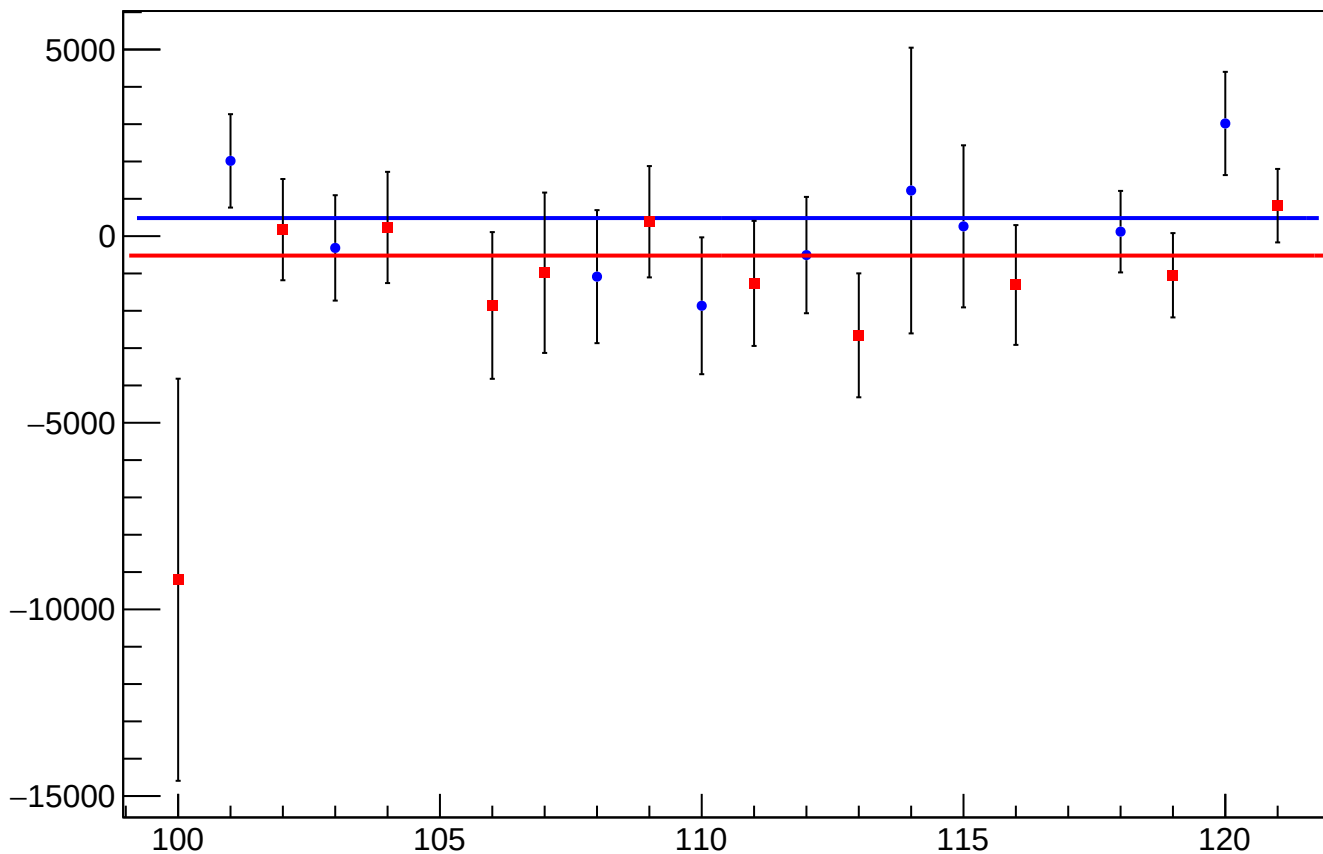
Right: 86.137+/-0.022 χ^2/NDF : 396887.3/19

In: 87.375+/-0.033 χ^2/NDF : 125445.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.137+/-0.022 χ^2/NDF : 396887.3/19

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 484.085+/-512.546 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -520.825+/-452.811 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

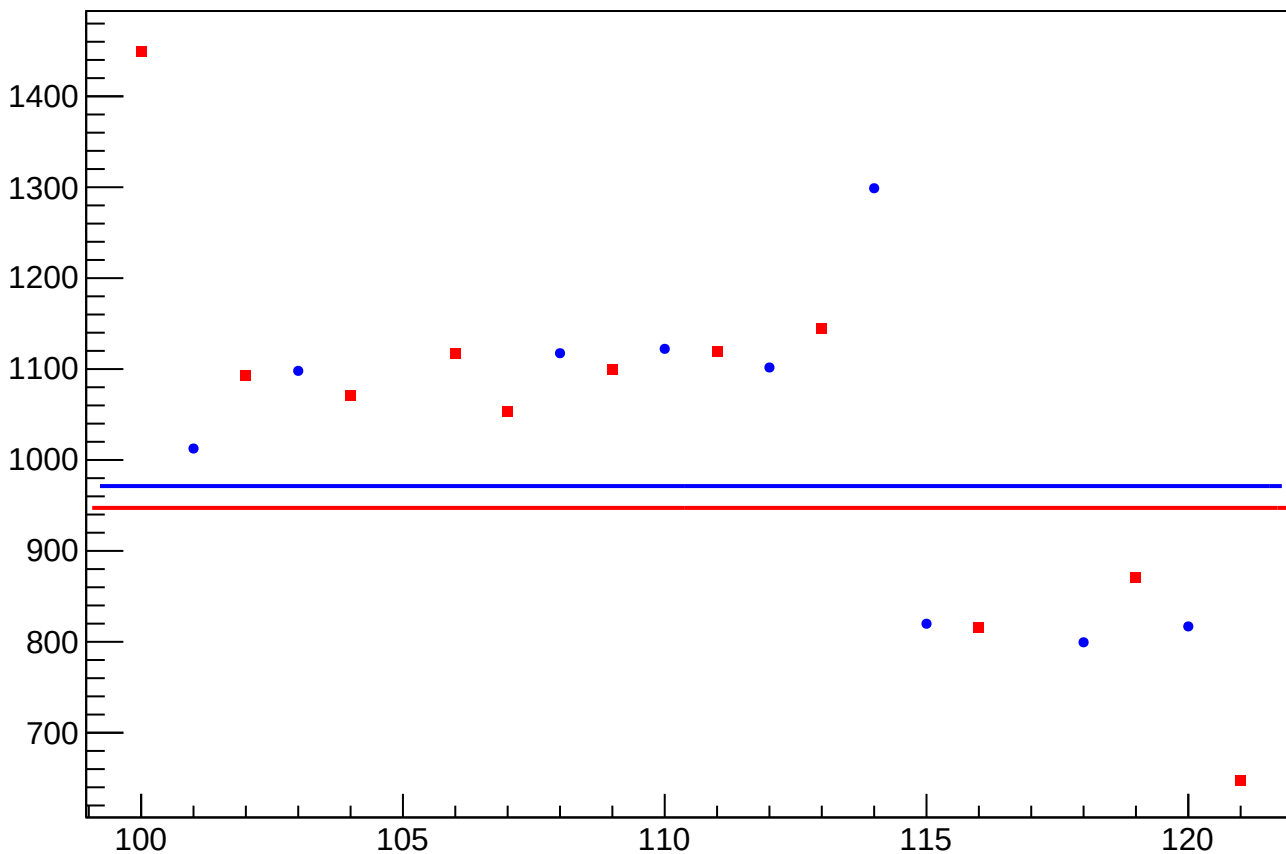
Right: -80.316+/-339.349 χ^2/NDF : 18.5/19

In: 484.085+/-512.546 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.316+/-339.349 χ^2/NDF : 18.5/19

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 971.306+/-0.362 χ^2/NDF : 158122.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.307+/-0.320 χ^2/NDF : 352043.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

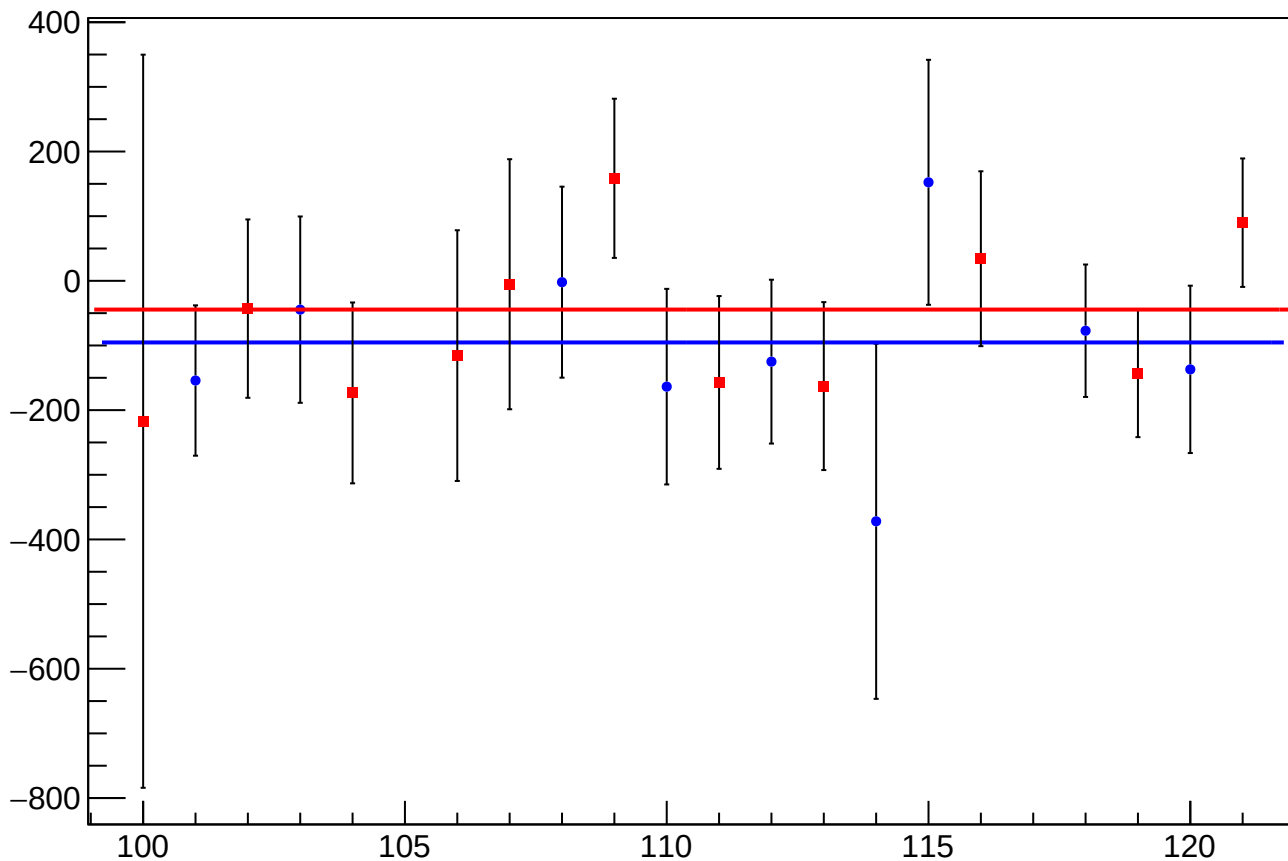
Right: 957.827+/-0.240 χ^2/NDF : 512628.5/19

In: 971.306+/-0.362 χ^2/NDF : 158122.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.827+/-0.240 χ^2/NDF : 512628.5/19

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.318+/-46.123 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.453+/-40.832 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

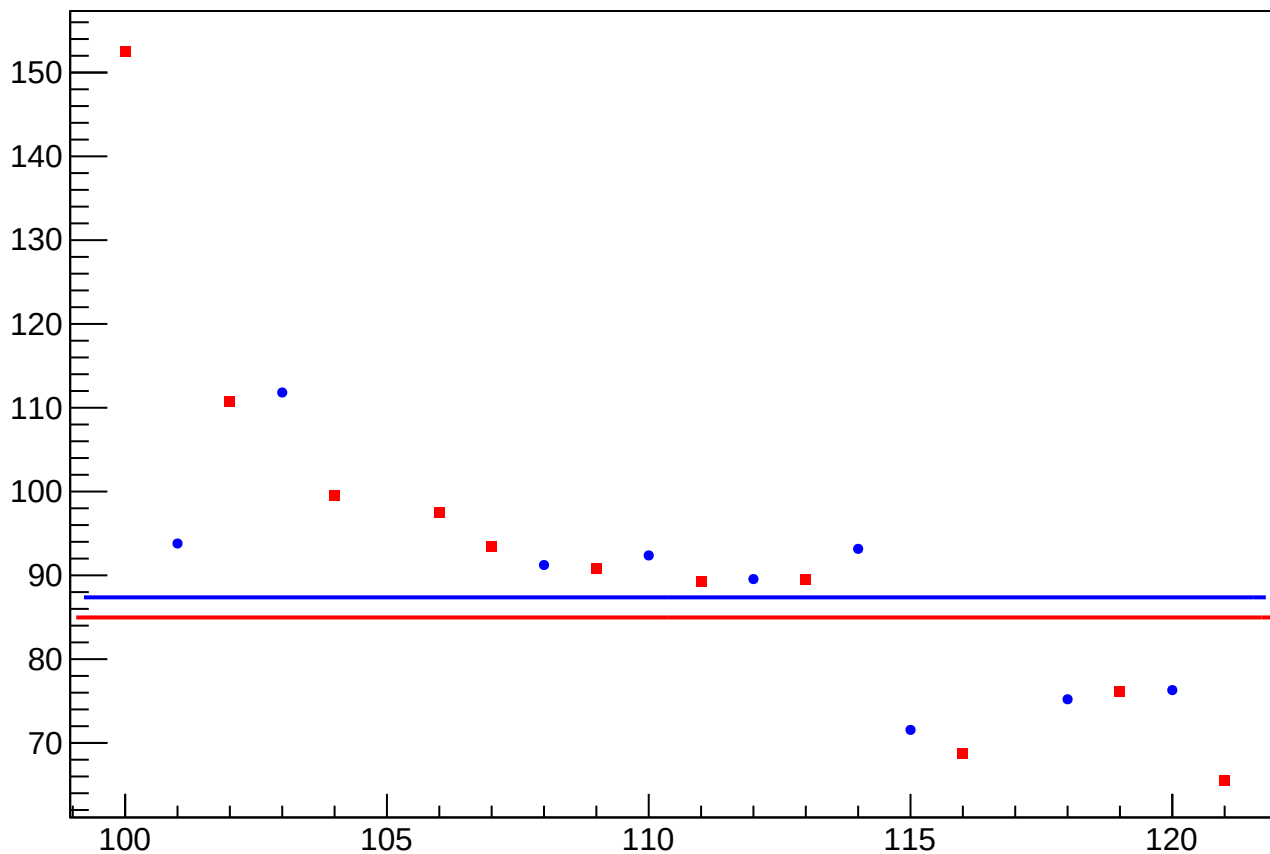
Right: -66.801+/-30.573 χ^2/NDF : 13.1/19

In: -95.318+/-46.123 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.801+/-30.573 χ^2/NDF : 13.1/19

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.977+/-0.029 χ^2/NDF : 262894.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

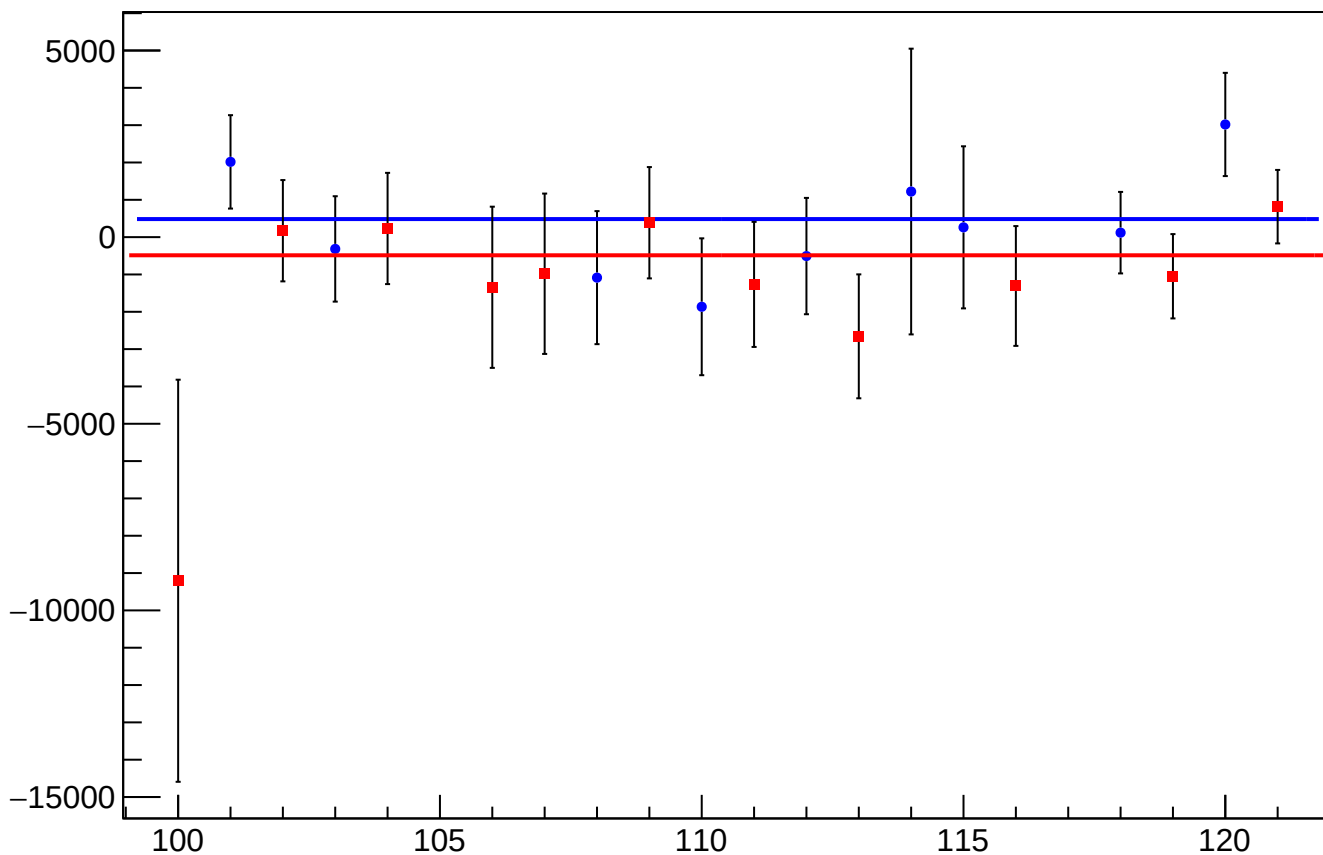
Right: 86.031+/-0.022 χ^2/NDF : 391372.2/19

In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.031+/-0.022 χ^2/NDF : 391372.2/19

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 484.029+/-512.550 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -486.166+/-454.917 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

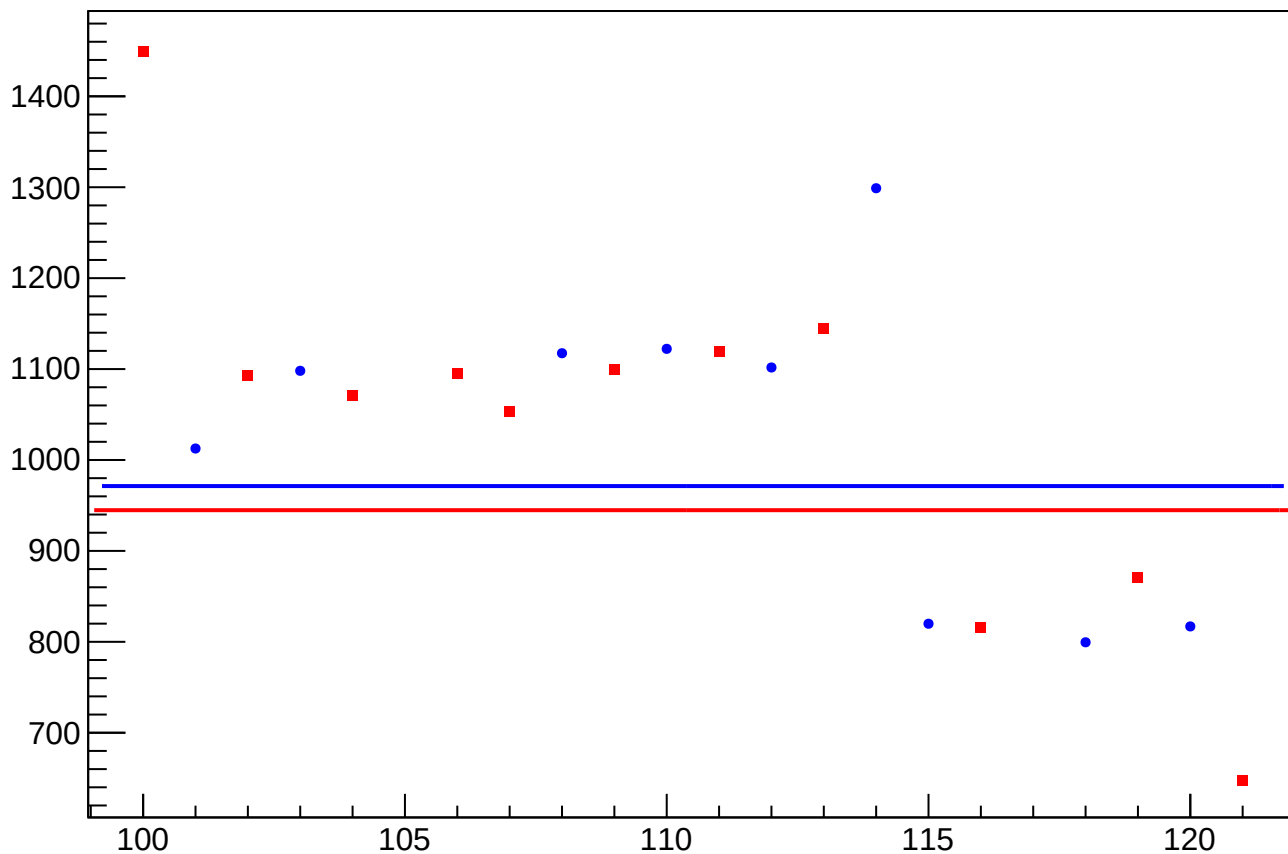
Right: -58.660+/-340.234 χ^2/NDF : 18.0/19

In: 484.029+/-512.550 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.660+/-340.234 χ^2/NDF : 18.0/19

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.312+/-0.362 χ^2/NDF : 158135.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.785+/-0.322 χ^2/NDF : 346469.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

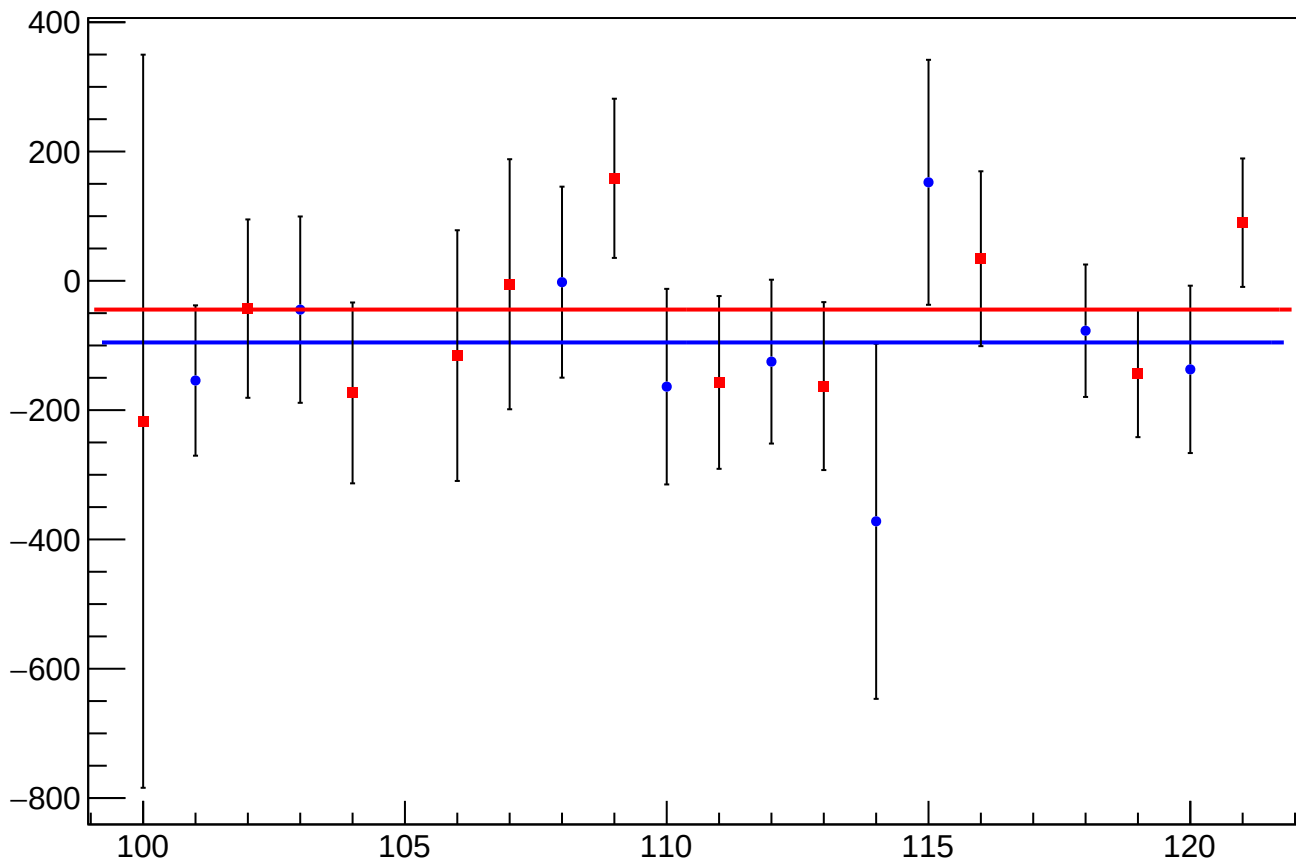
Right: 956.473+/-0.241 χ^2/NDF : 507601.4/19

In: 971.312+/-0.362 χ^2/NDF : 158135.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.473+/-0.241 χ^2/NDF : 507601.4/19

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.318 $\pm$ 46.123 χ^2 /NDF: 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.453 $\pm$ 40.832 χ^2 /NDF: 8.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

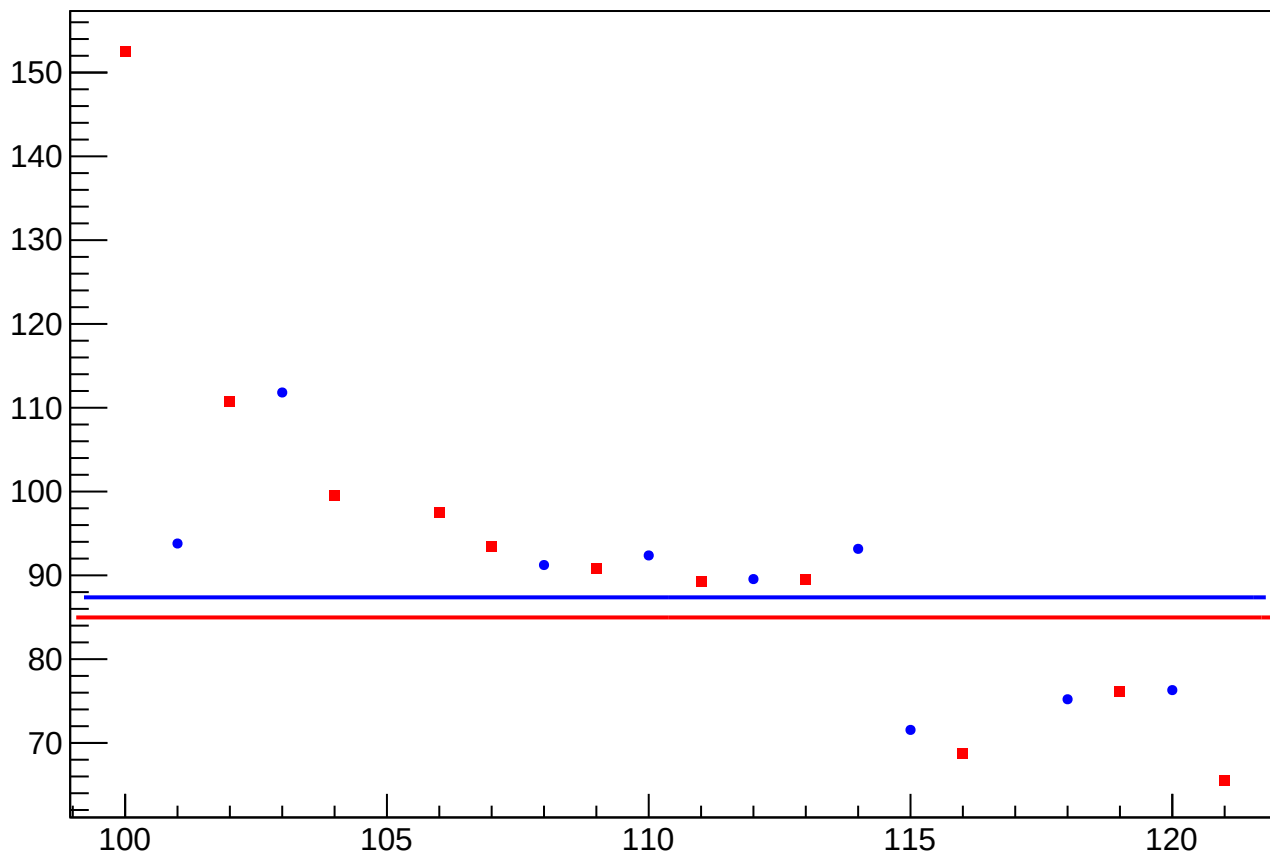
Right: -66.801 $\pm$ 30.573 χ^2 /NDF: 13.1/19

In: -95.318 $\pm$ 46.123 χ^2 /NDF:3.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.801 $\pm$ 30.573 χ^2 /NDF: 13.1/19

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.977+/-0.029 χ^2/NDF : 262894.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

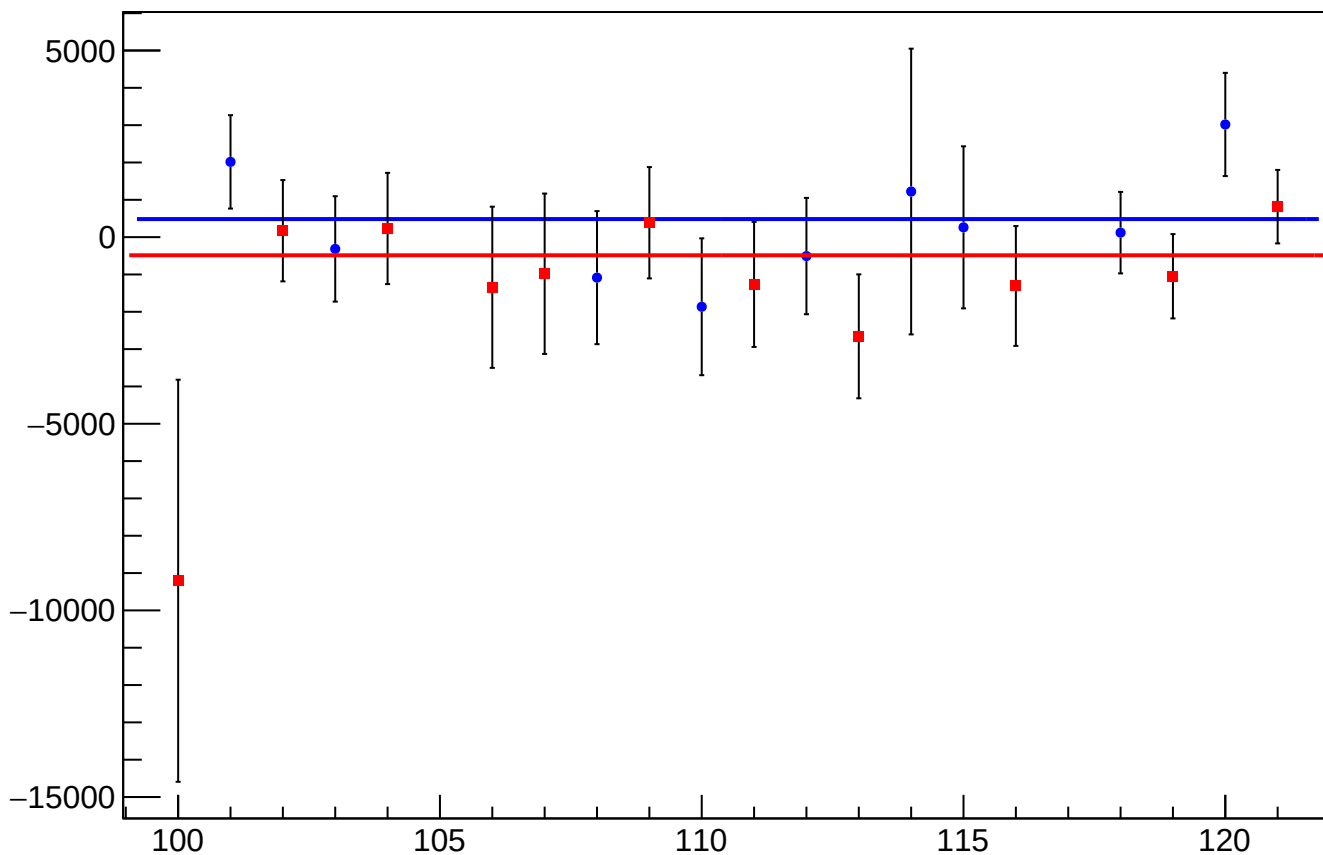
Right: 86.031+/-0.022 χ^2/NDF : 391372.2/19

In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.031+/-0.022 χ^2/NDF : 391372.2/19

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 484.029+/-512.550 χ^2 /NDF: 8.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -486.166+/-454.917 χ^2 /NDF: 7.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

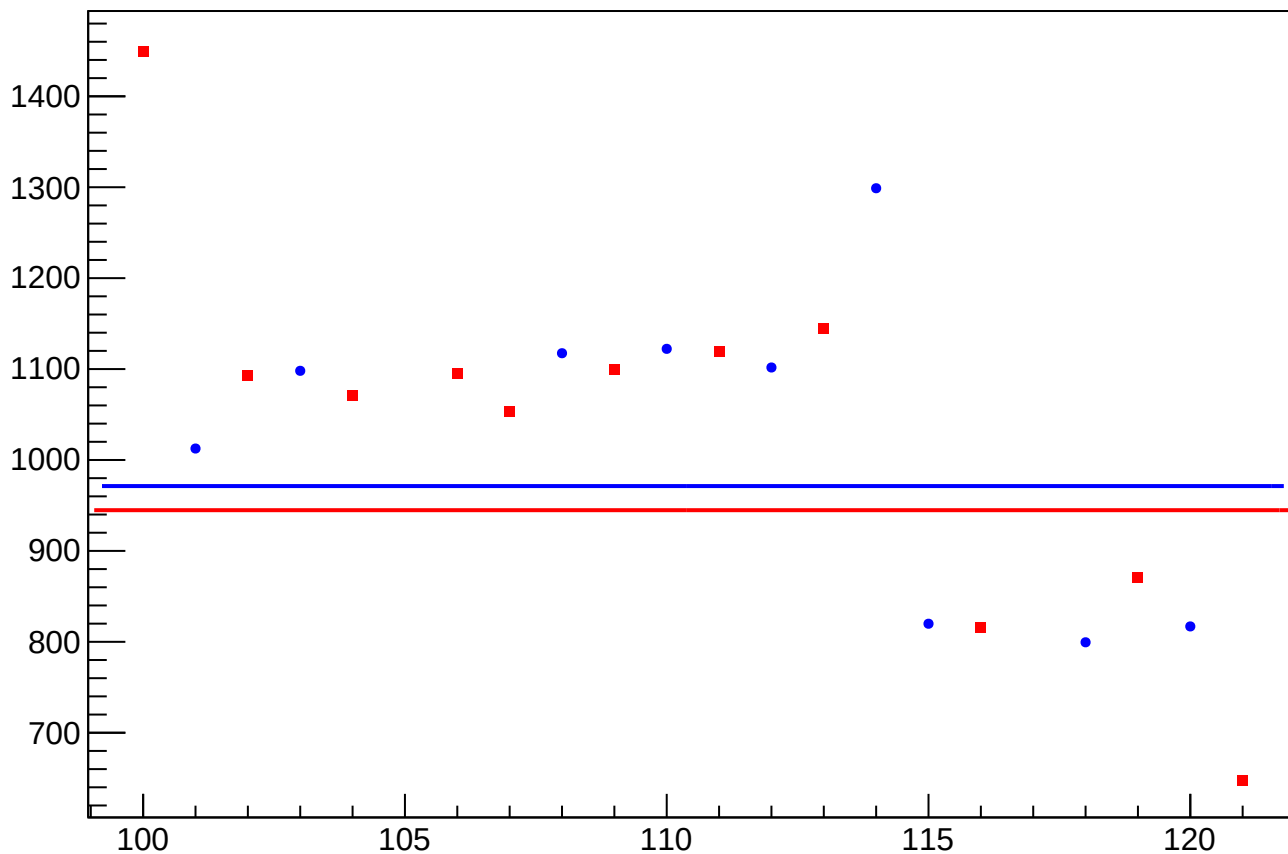
Right: -58.660+/-340.234 χ^2 /NDF: 18.0/19

In: 484.029+/-512.550 χ^2 /NDF:8.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -58.660+/-340.234 χ^2 /NDF: 18.0/19

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.312 $\pm$ 0.362 χ^2 /NDF: 158135.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 944.785 $\pm$ 0.322 χ^2 /NDF: 346469.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

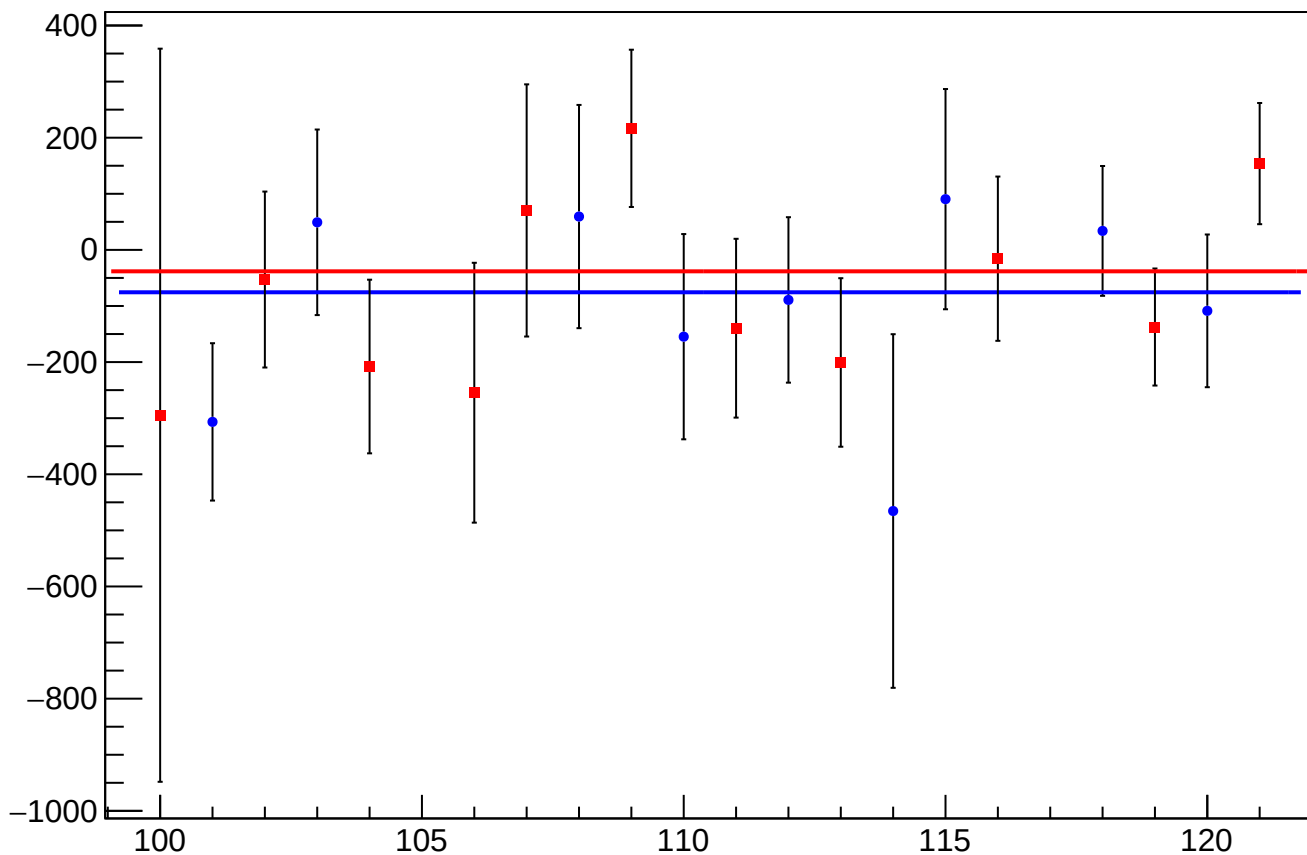
Right: 956.473 $\pm$ 0.241 χ^2 /NDF: 507601.4/19

In: 971.312 $\pm$ 0.362 χ^2 /NDF:158135.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 956.473 $\pm$ 0.241 χ^2 /NDF: 507601.4/19

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -75.570 ± 53.211 χ^2/NDF : 7.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.213 ± 45.550 χ^2/NDF : 11.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

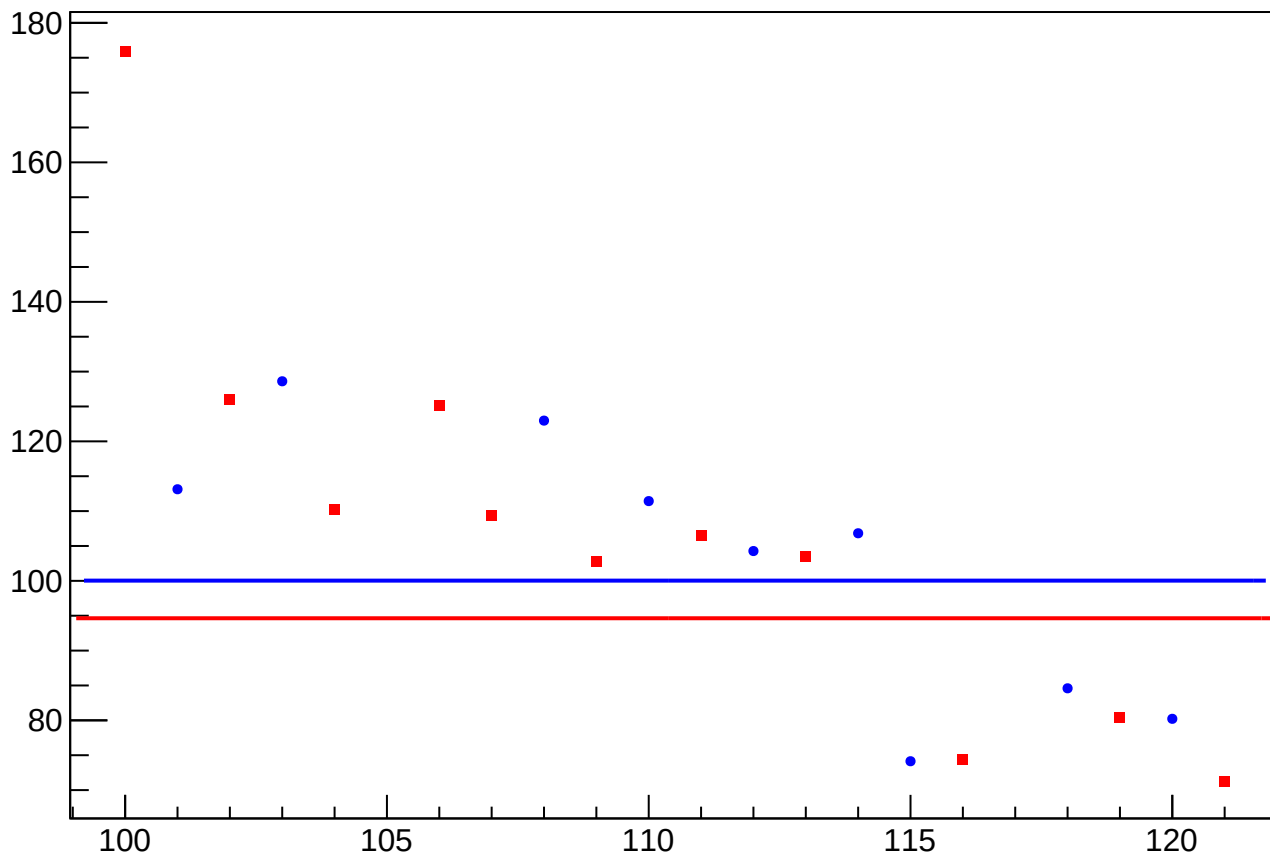
Right: -54.011 ± 34.603 χ^2/NDF : 18.9/19

In: -75.570 ± 53.211 χ^2/NDF : 7.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.011 ± 34.603 χ^2/NDF : 18.9/19

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.032 $\pm$ 0.038 χ^2 /NDF: 226874.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.637 $\pm$ 0.032 χ^2 /NDF: 368720.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

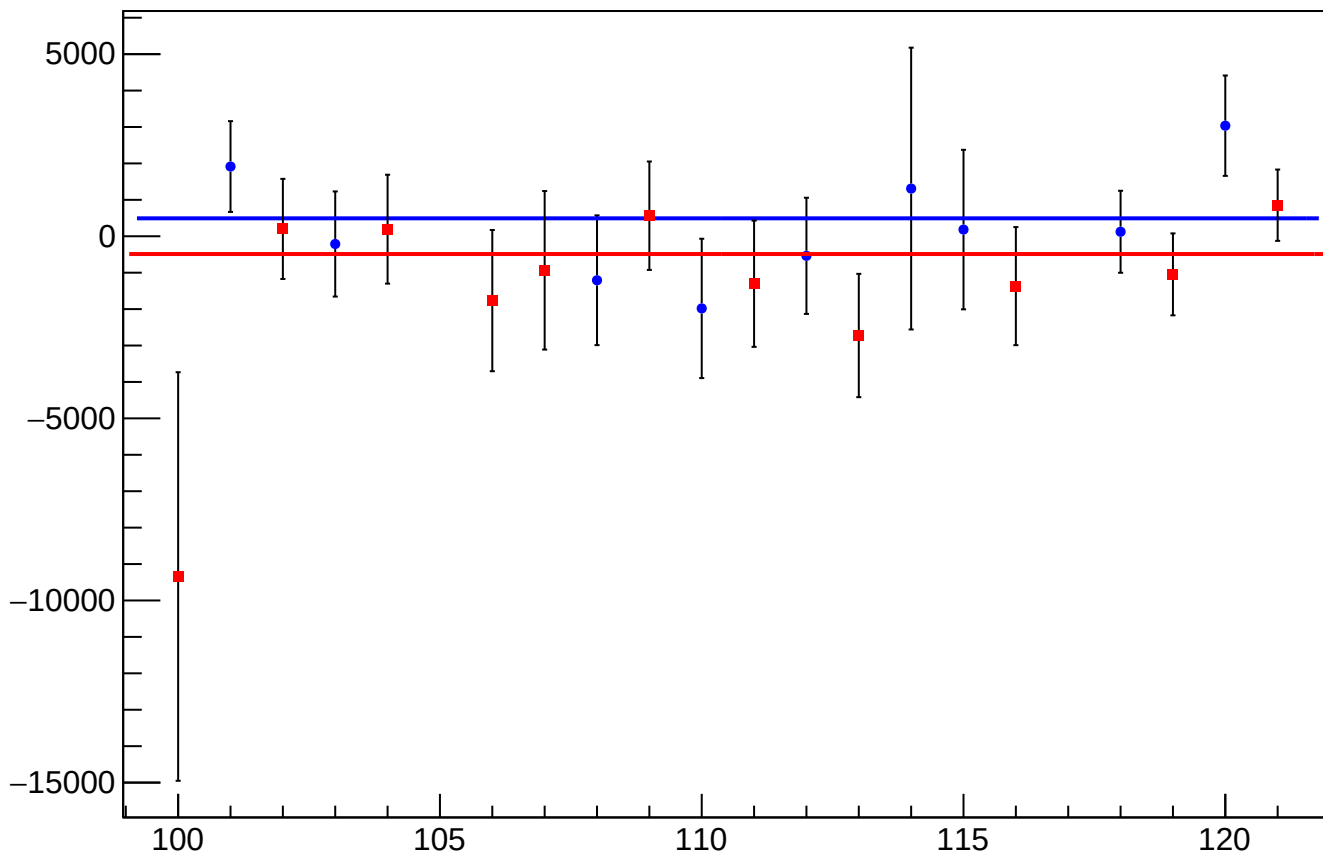
Right: 96.918 $\pm$ 0.024 χ^2 /NDF: 607463.1/19

In: 100.032 $\pm$ 0.038 χ^2 /NDF:226874.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.918 $\pm$ 0.024 χ^2 /NDF: 607463.1/19

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 492.195+/-520.088 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.022+/-454.819 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

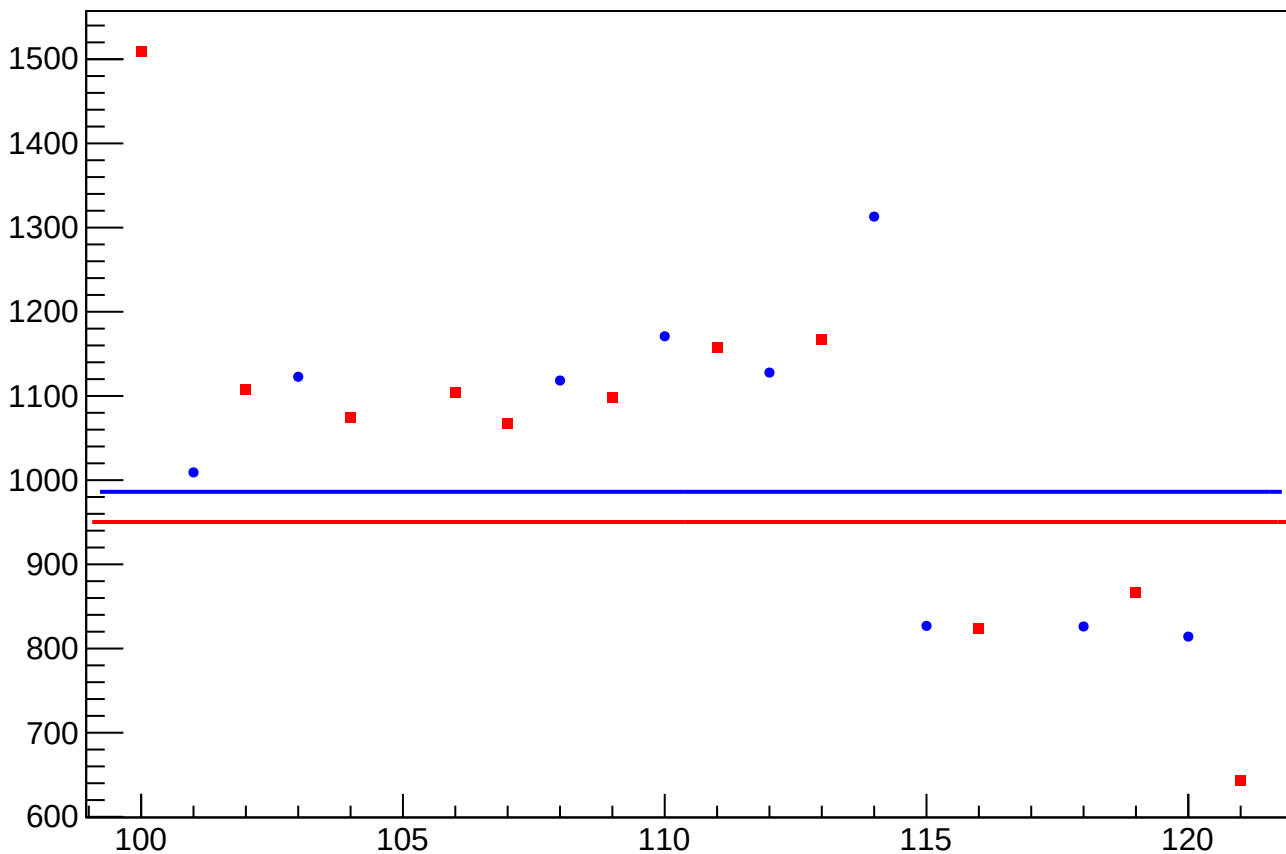
Right: -63.245+/-342.370 χ^2/NDF : 18.4/19

In: 492.195+/-520.088 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.245+/-342.370 χ^2/NDF : 18.4/19

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.162+/-0.368 χ^2/NDF : 160448.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 950.296+/-0.322 χ^2/NDF : 379039.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

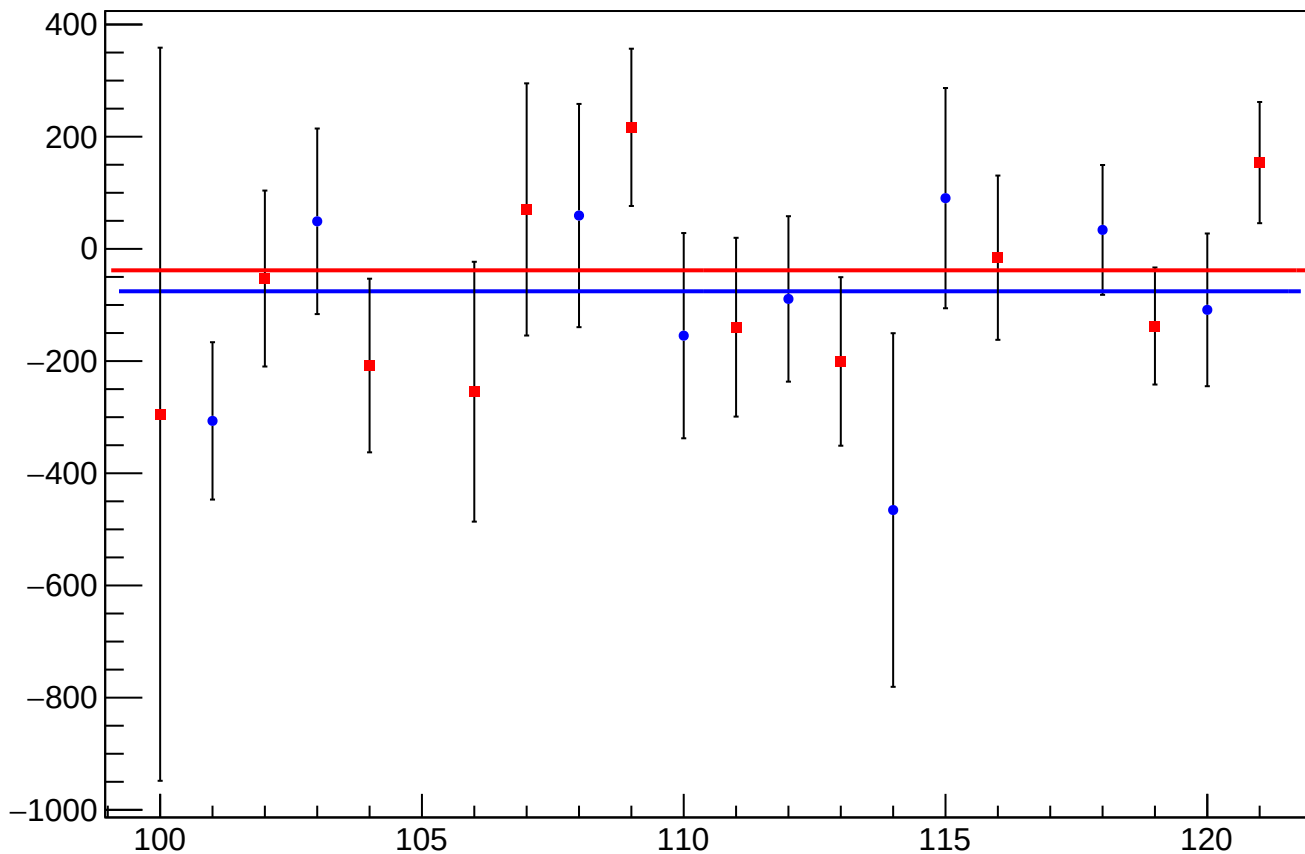
Right: 965.838+/-0.242 χ^2/NDF : 544877.3/19

In: 986.162+/-0.368 χ^2/NDF : 160448.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.838+/-0.242 χ^2/NDF : 544877.3/19

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -75.571+/-53.211 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.210+/-45.550 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

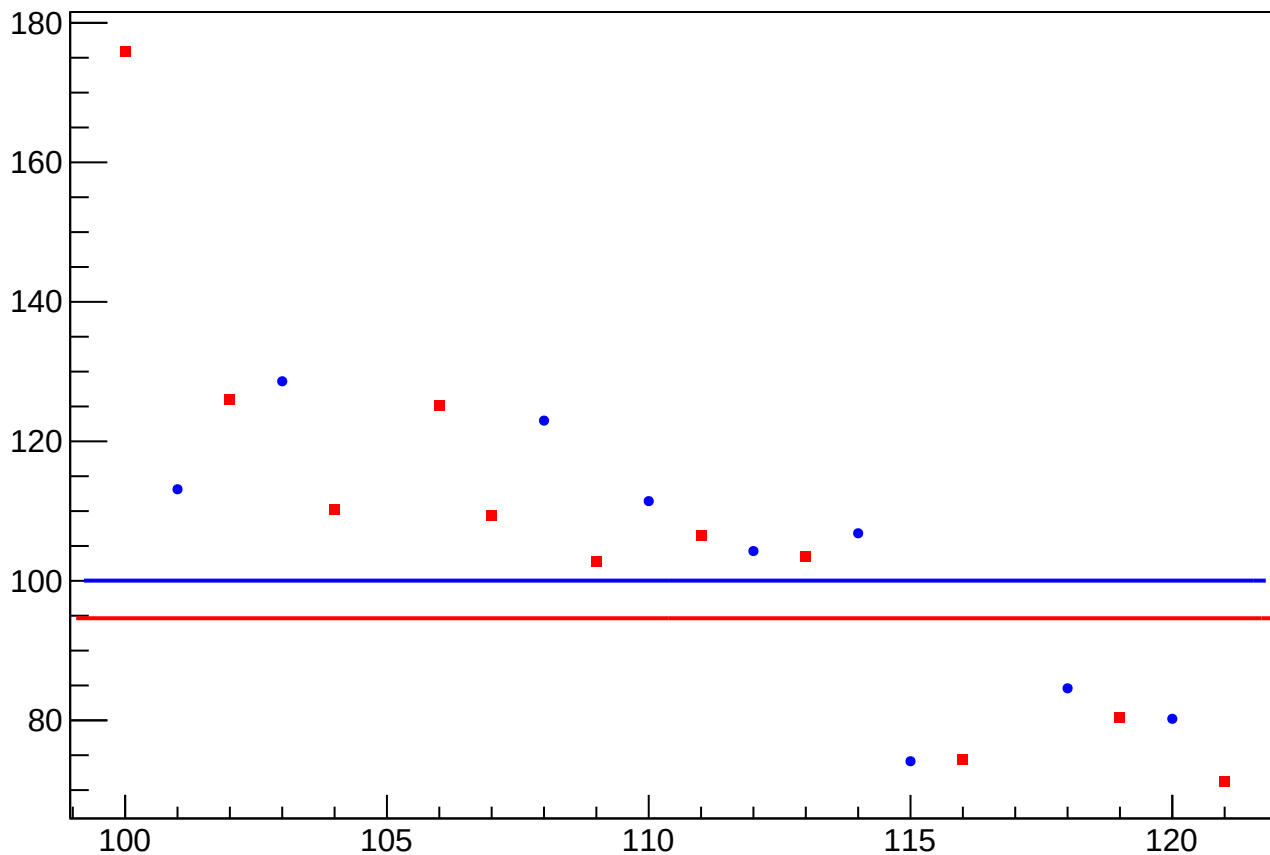
Right: -54.010+/-34.603 χ^2/NDF : 18.9/19

In: -75.571+/-53.211 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.010+/-34.603 χ^2/NDF : 18.9/19

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.032+/-0.038 χ^2/NDF : 226866.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.636+/-0.032 χ^2/NDF : 368706.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

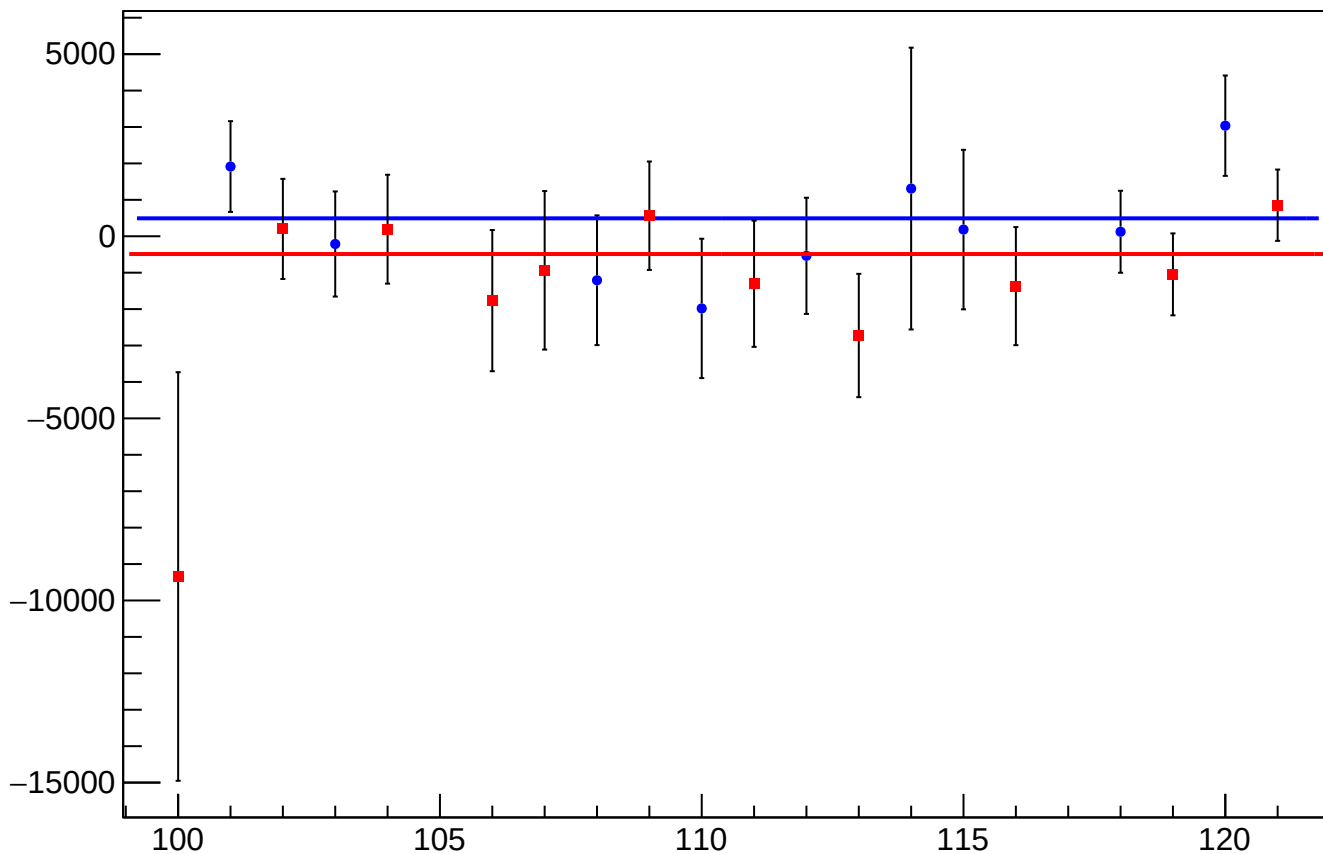
Right: 96.918+/-0.024 χ^2/NDF : 607439.4/19

In: 100.032+/-0.038 χ^2/NDF :226866.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 96.918+/-0.024 χ^2/NDF : 607439.4/19

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 492.193+/-520.087 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.022+/-454.818 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

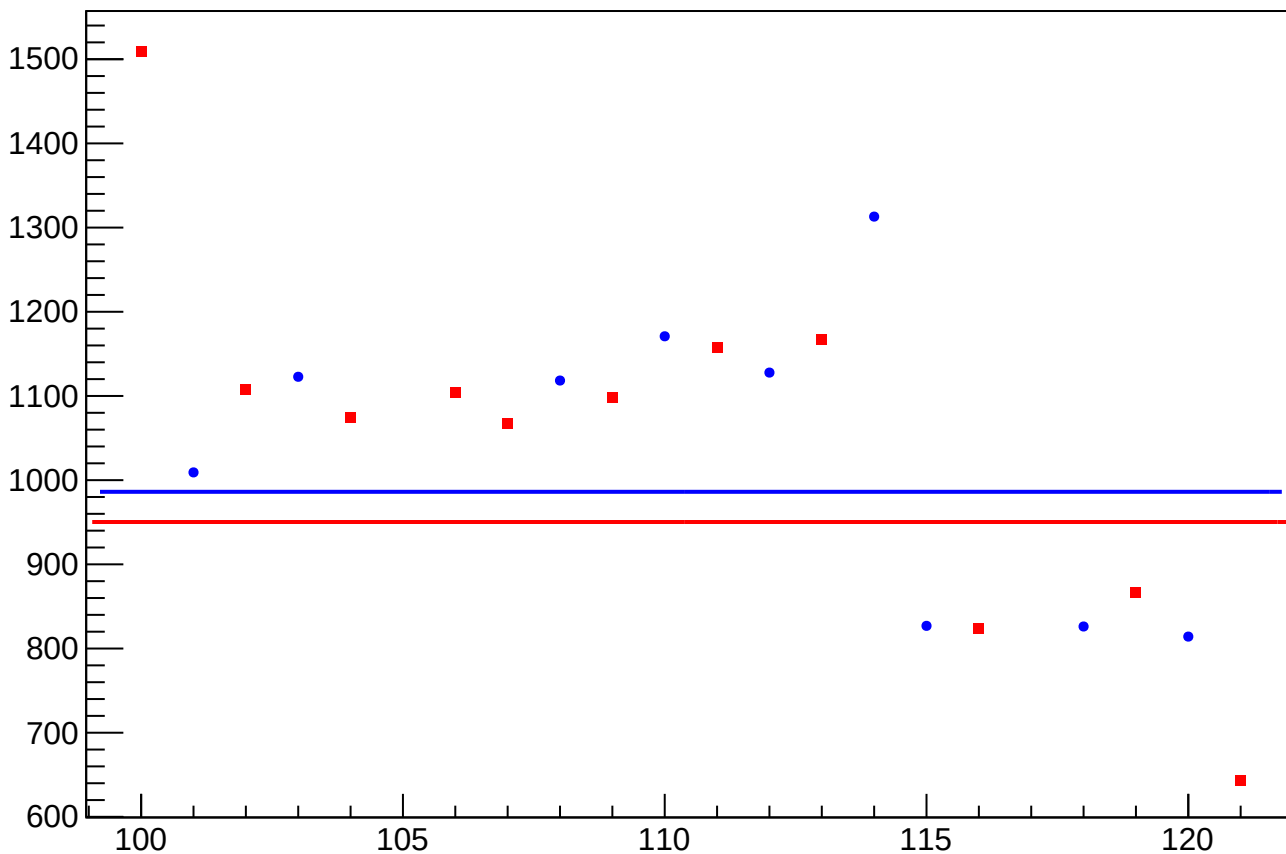
Right: -63.245+/-342.370 χ^2/NDF : 18.4/19

In: 492.193+/-520.087 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.245+/-342.370 χ^2/NDF : 18.4/19

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.159+/-0.368 χ^2/NDF : 160446.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 950.294+/-0.322 χ^2/NDF : 379033.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

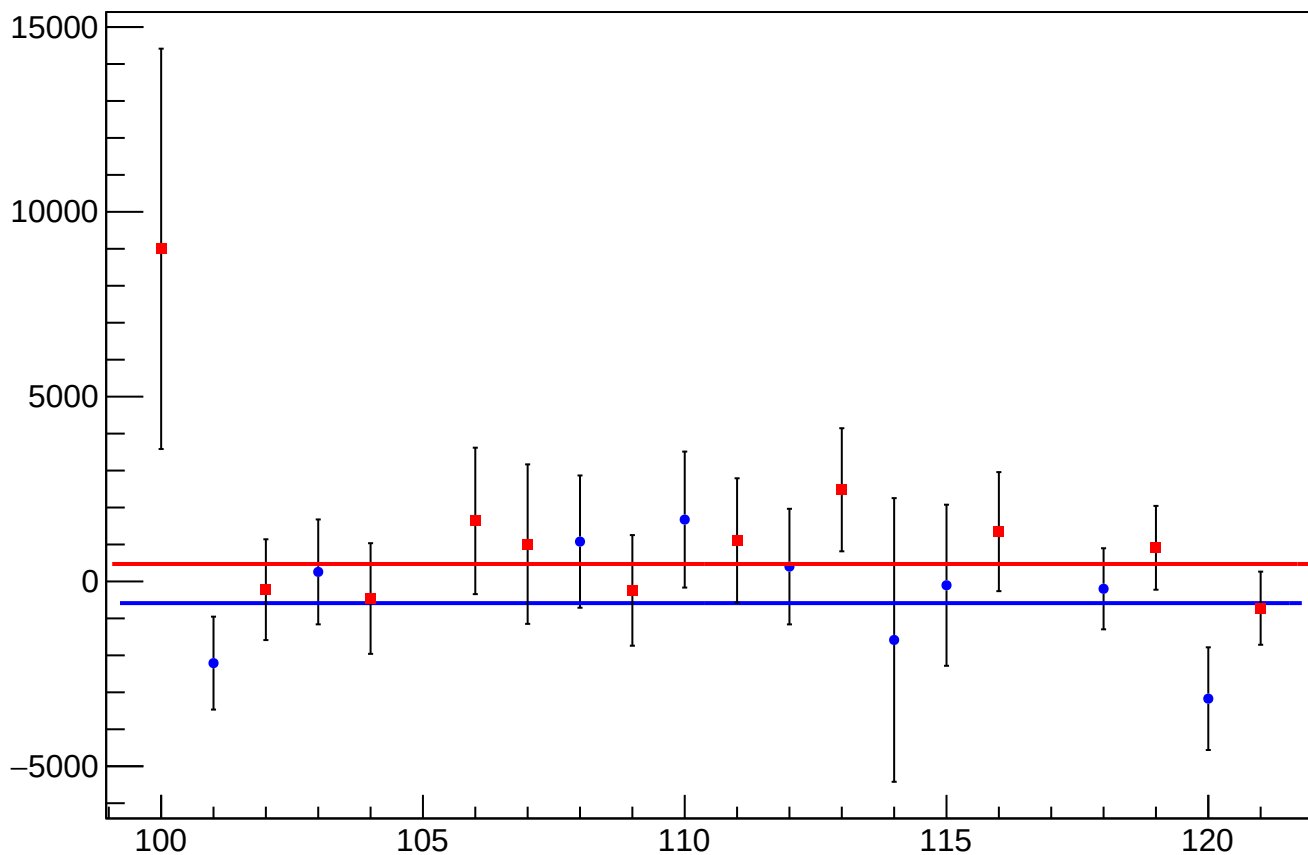
Right: 965.836+/-0.242 χ^2/NDF : 544869.4/19

In: 986.159+/-0.368 χ^2/NDF : 160446.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.836+/-0.242 χ^2/NDF : 544869.4/19

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -586.279+/-514.761 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.224+/-454.850 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

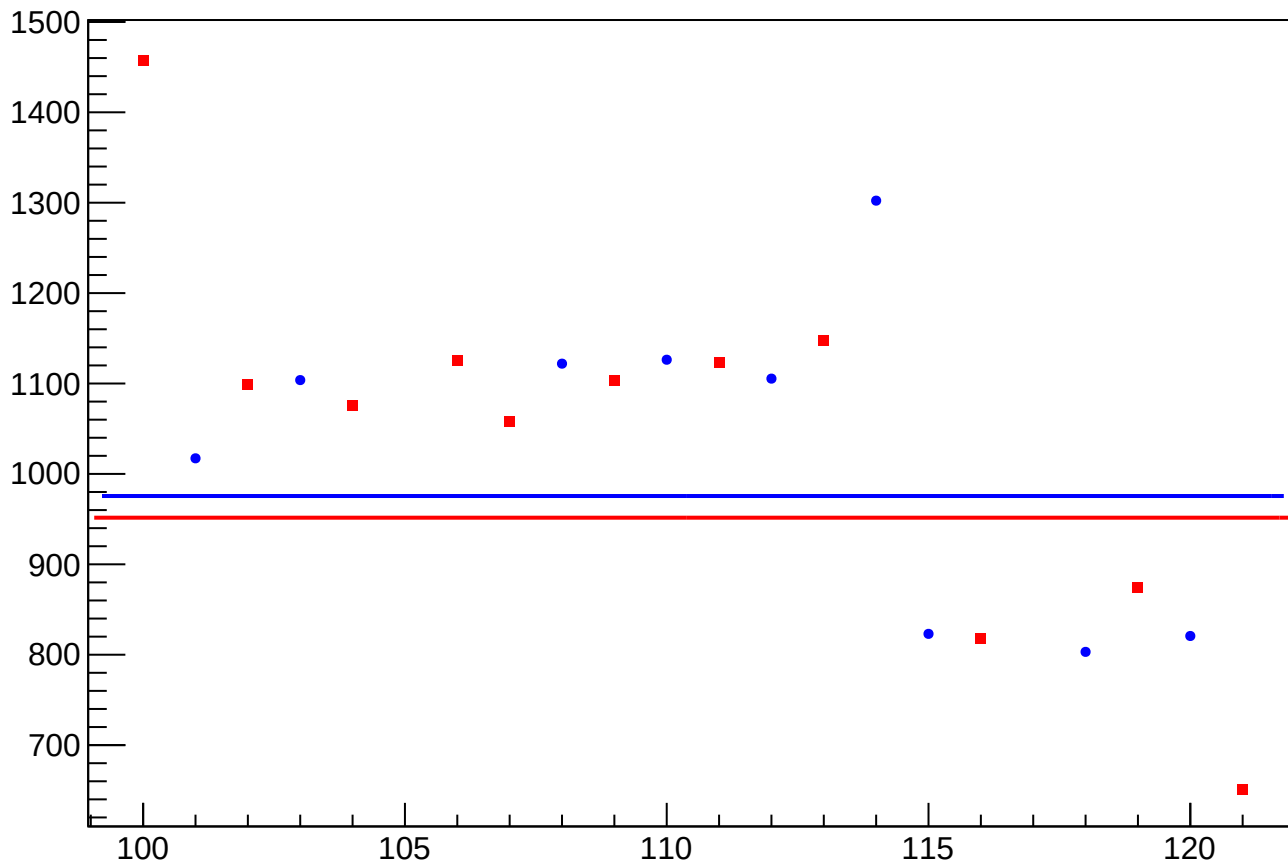
Right: 8.127+/-340.851 χ^2/NDF : 18.1/19

In: -586.279+/-514.761 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.127+/-340.851 χ^2/NDF : 18.1/19

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 975.554 $\pm$ 0.364 χ^2 /NDF: 157677.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 951.581 $\pm$ 0.322 χ^2 /NDF: 351325.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

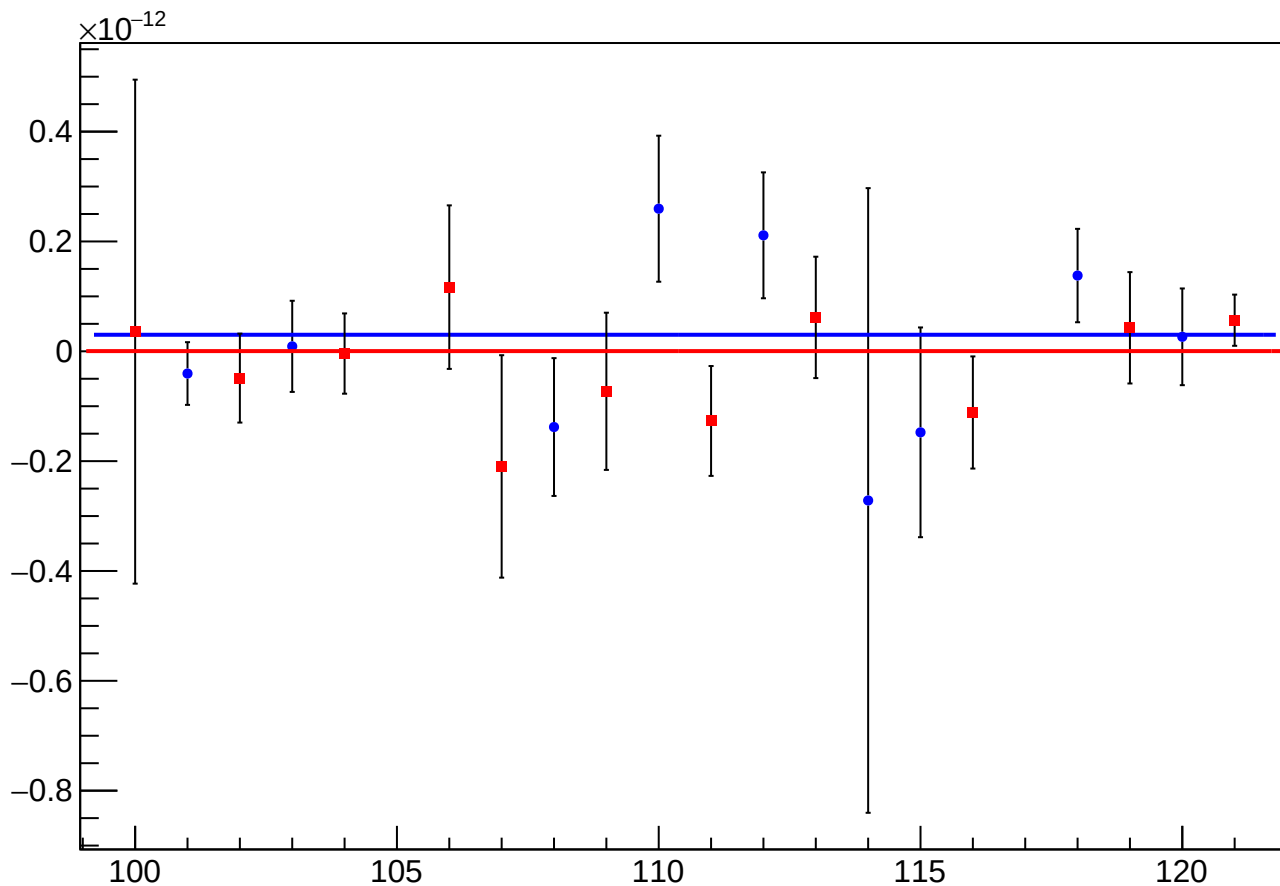
Right: 962.092 $\pm$ 0.241 χ^2 /NDF: 511438.9/19

In: 975.554 $\pm$ 0.364 χ^2 /NDF:157677.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 962.092 $\pm$ 0.241 χ^2 /NDF: 511438.9/19

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 11.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.1/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

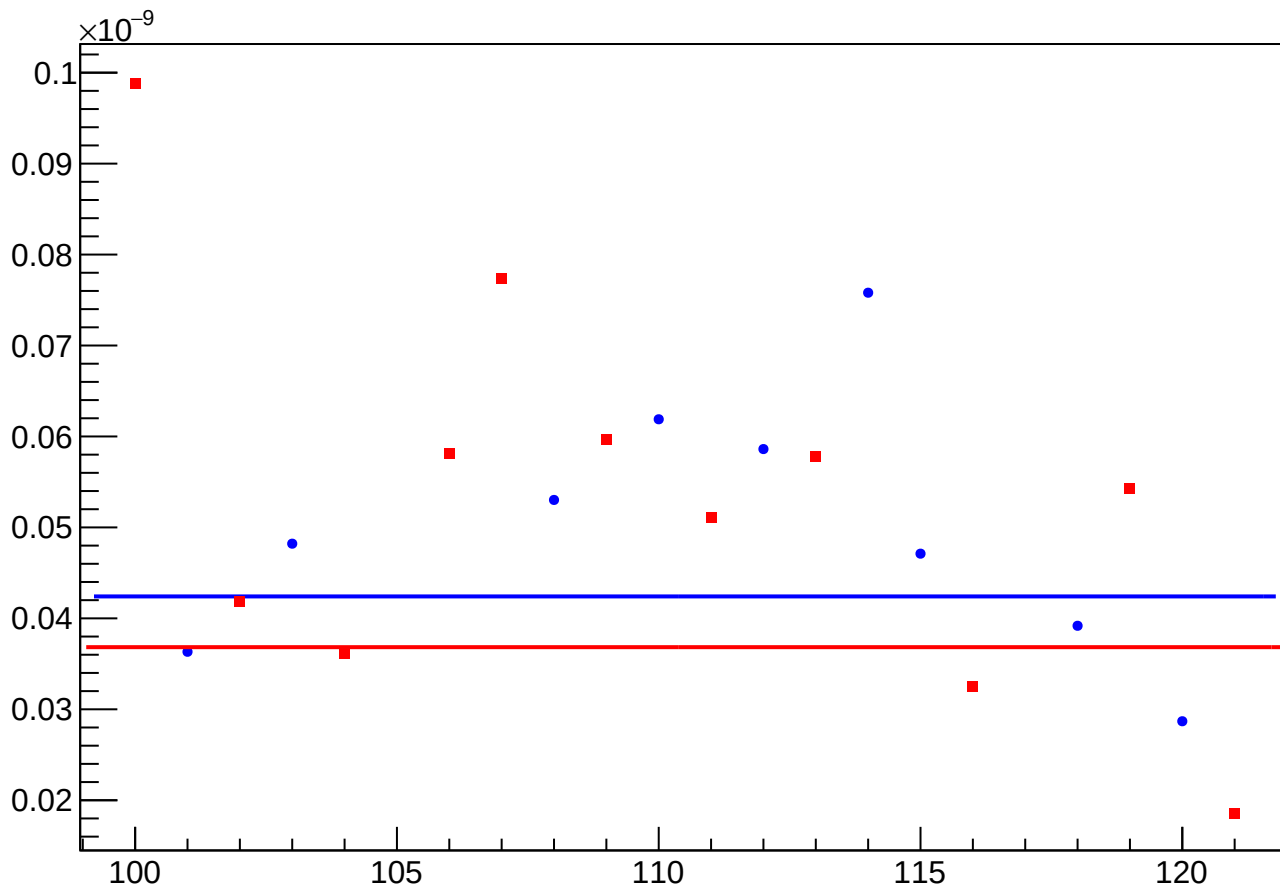
Right: 0.000+/-0.000 χ^2 /NDF: 19.2/19

In: 0.000+/-0.000 χ^2 /NDF: 11.6/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.2/19

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 189297.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 700264.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

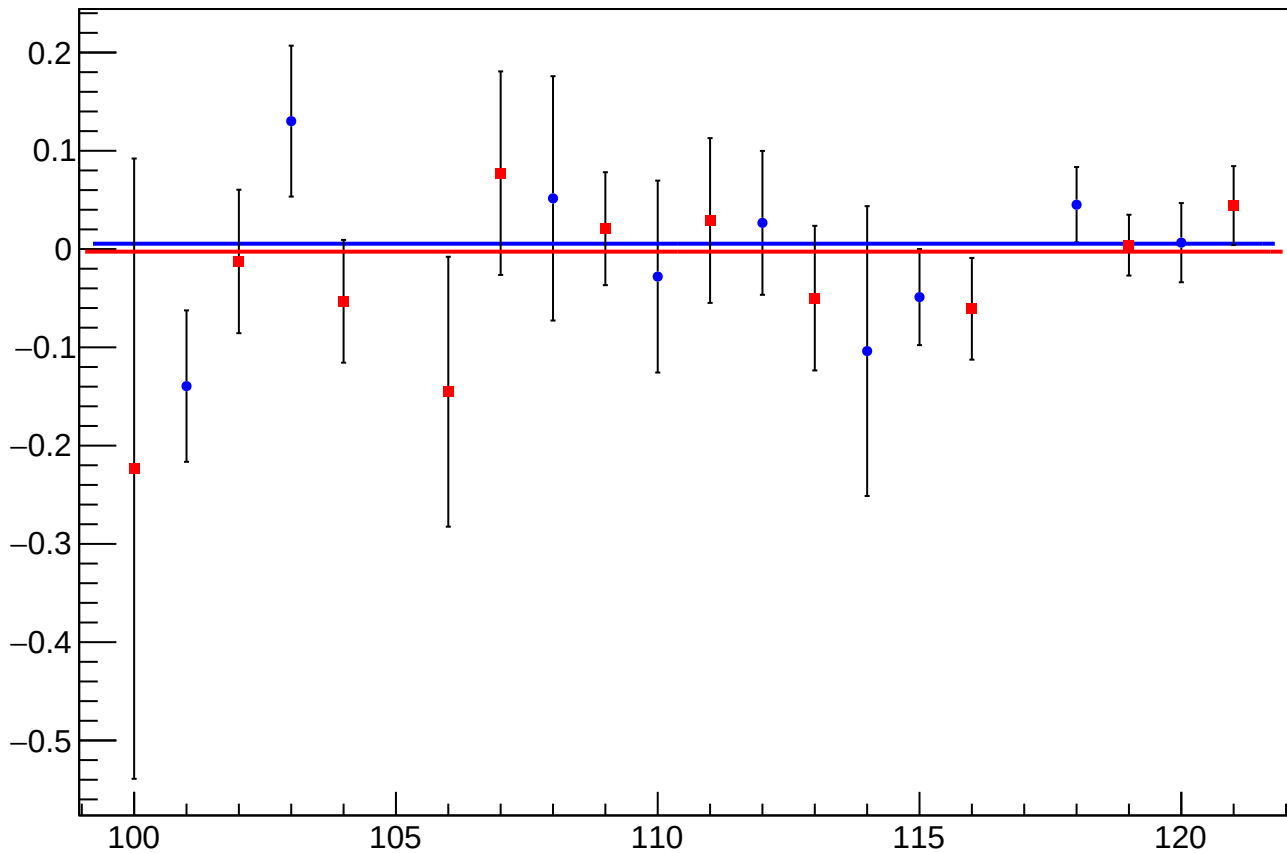
Right: 0.000+/-0.000 χ^2/NDF : 923635.2/19

In: 0.000+/-0.000 χ^2/NDF : 189297.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 923635.2/19

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.017 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

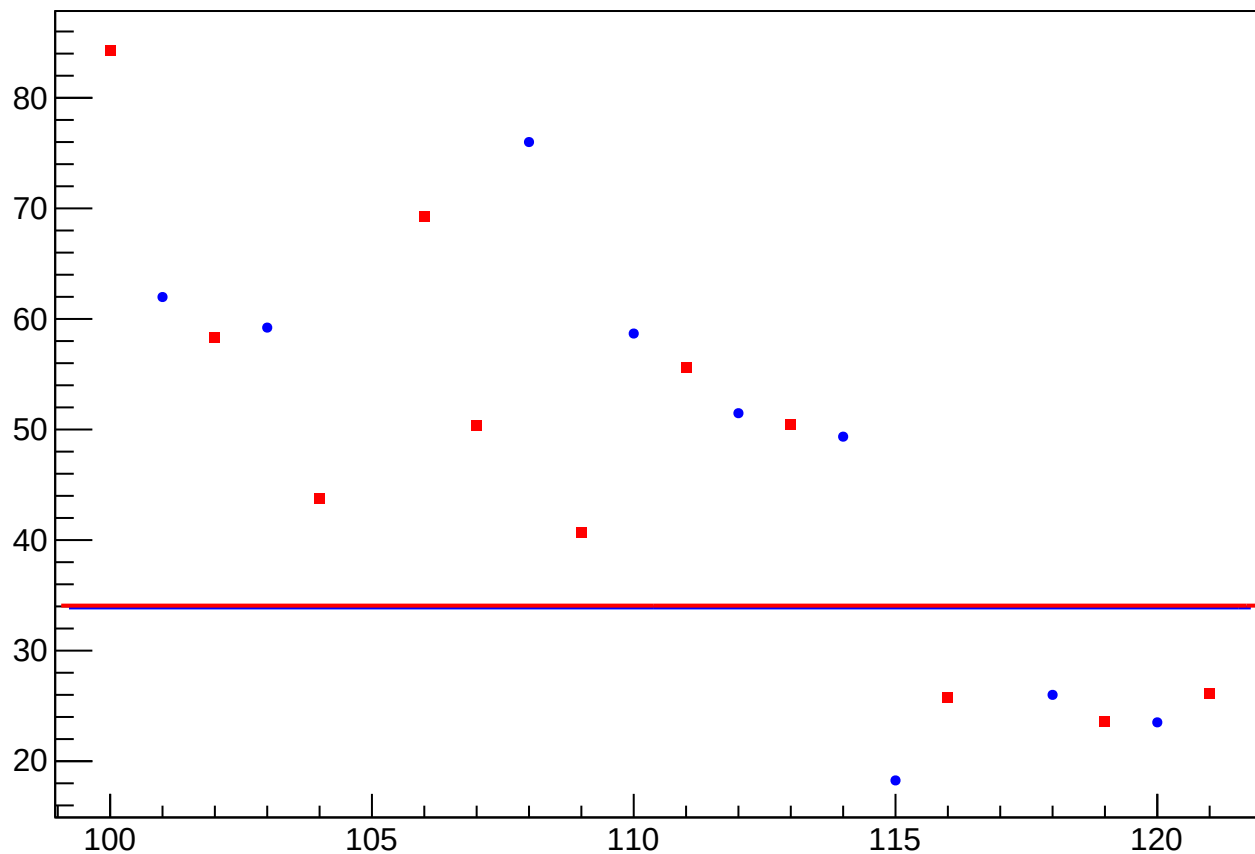
Right: 0.001+/-0.013 χ^2/NDF : 15.7/19

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.013 χ^2/NDF : 15.7/19

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.909+/-0.014 χ^2/NDF : 1401182.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.072+/-0.012 χ^2/NDF : 1117470.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

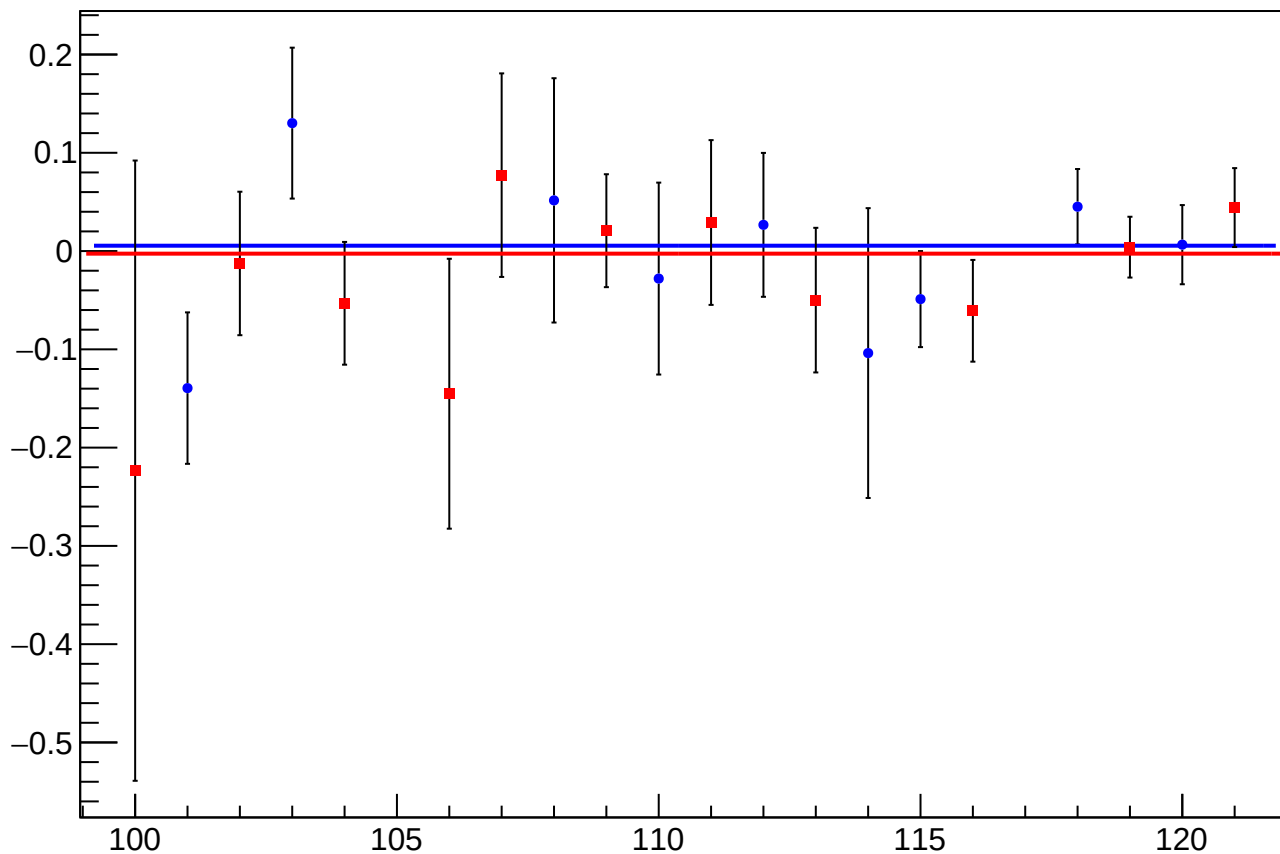
Right: 34.002+/-0.009 χ^2/NDF : 2518727.9/19

In: 33.909+/-0.014 χ^2/NDF : 1401182.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.002+/-0.009 χ^2/NDF : 2518727.9/19

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.017 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

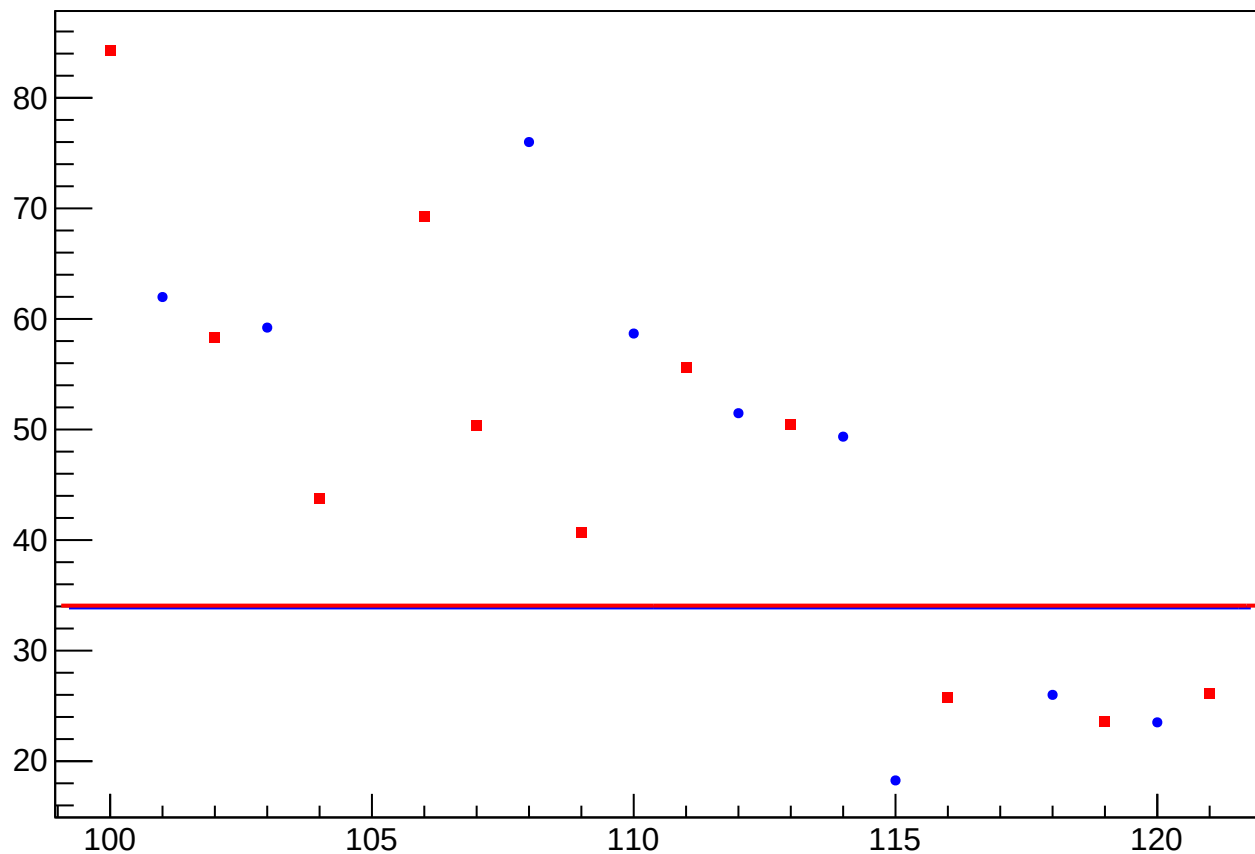
Right: 0.001+/-0.013 χ^2/NDF : 15.7/19

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.013 χ^2/NDF : 15.7/19

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.909+/-0.014 χ^2/NDF : 1401182.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.072+/-0.012 χ^2/NDF : 1117470.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

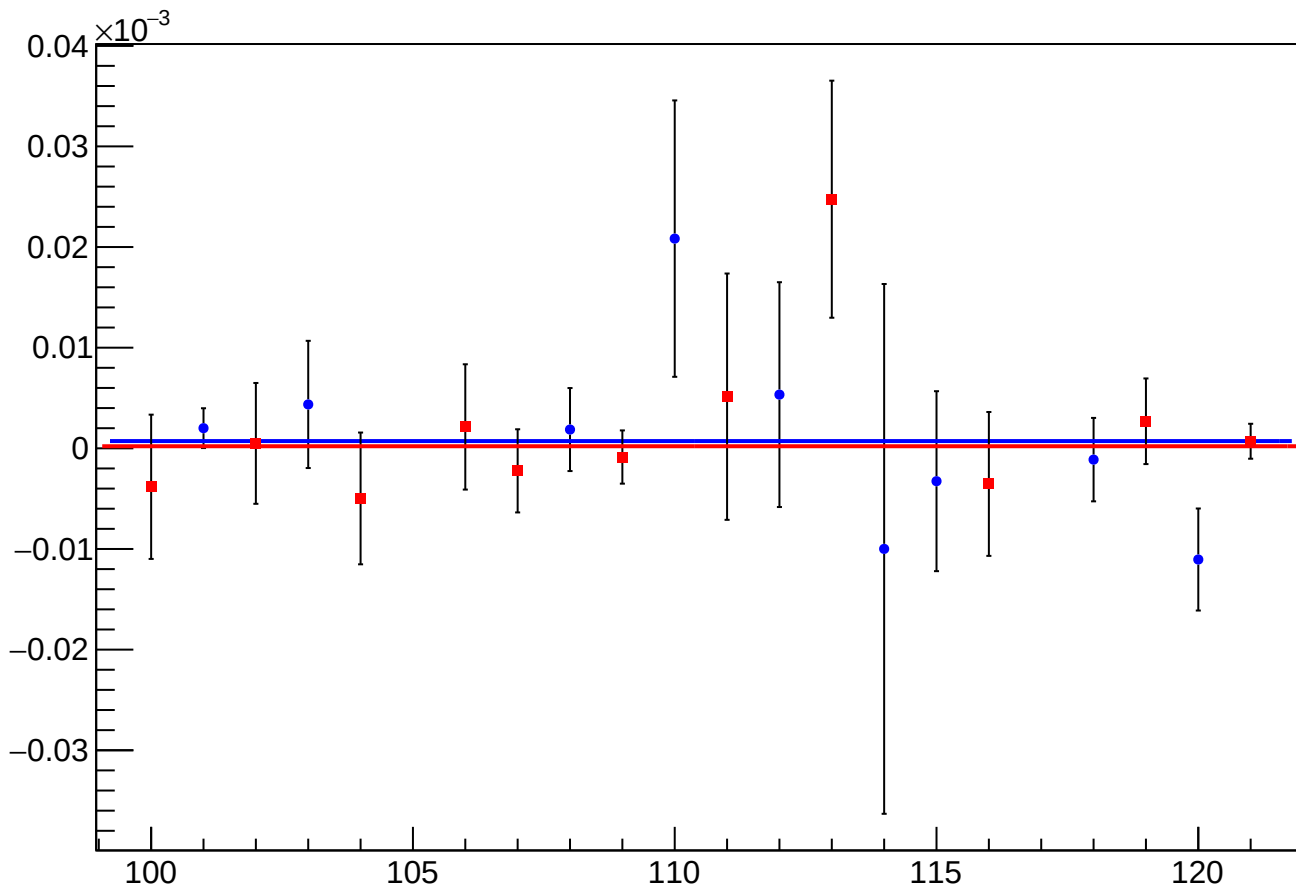
Right: 34.002+/-0.009 χ^2/NDF : 2518727.9/19

In: 33.909+/-0.014 χ^2/NDF : 1401182.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.002+/-0.009 χ^2/NDF : 2518727.9/19

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

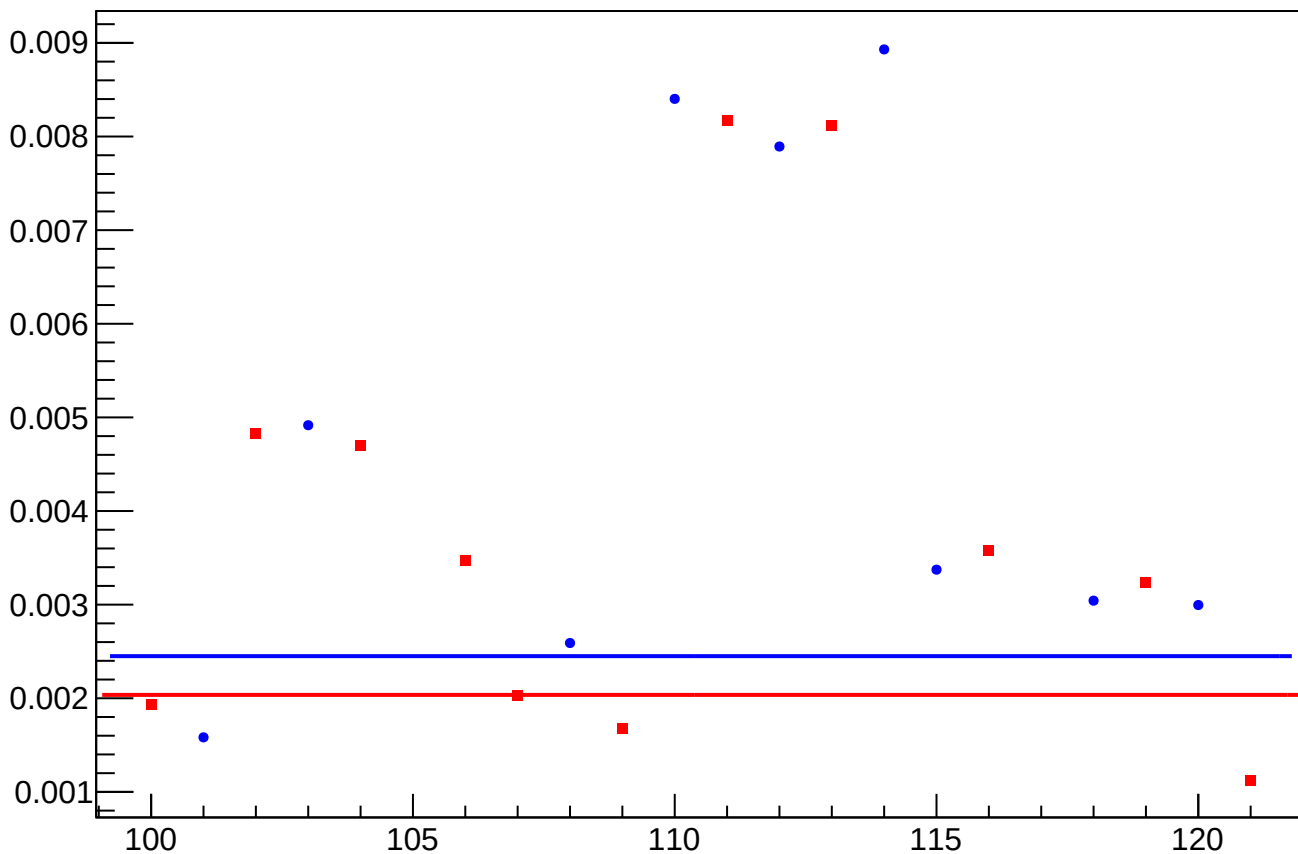
Right: 0.000+/-0.000 χ^2/NDF : 15.9/19

In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/19

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1749564.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2756872.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

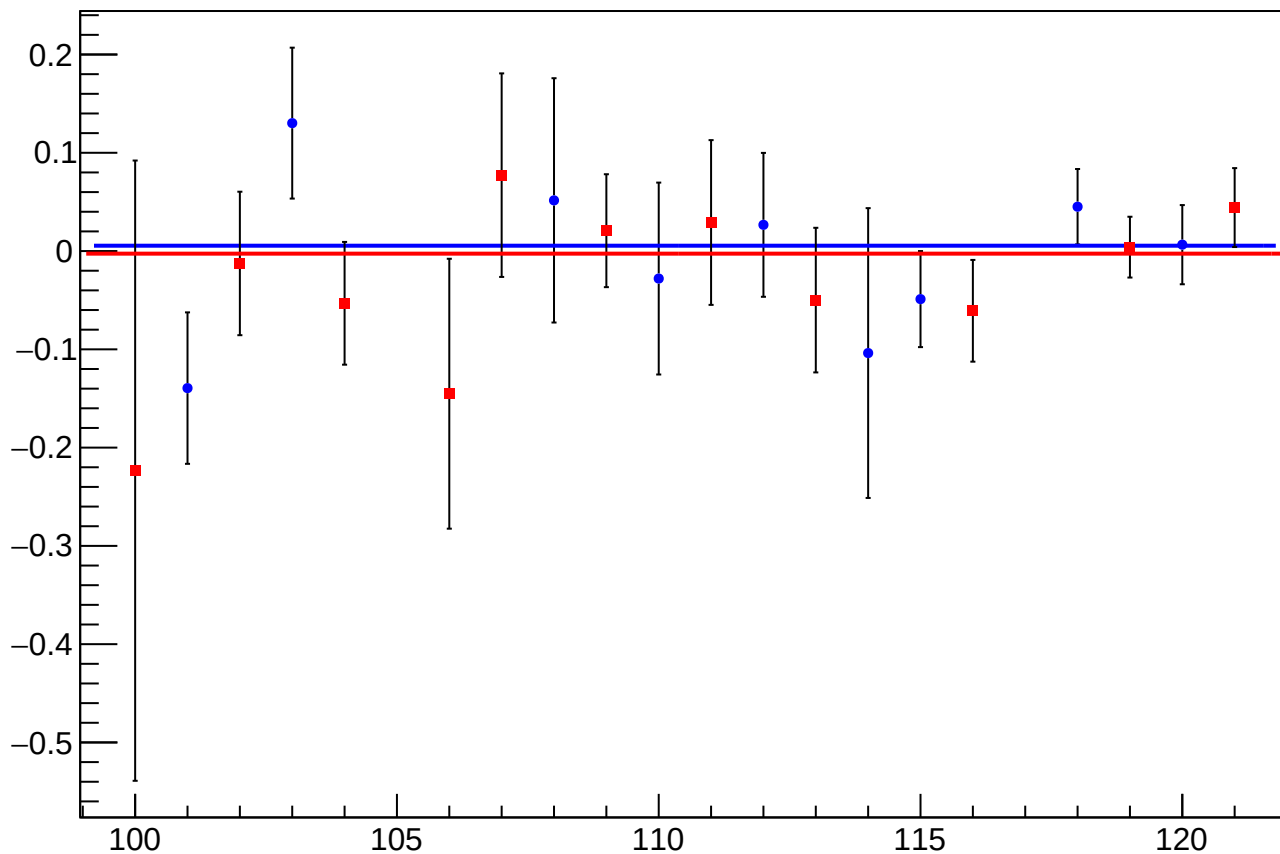
Right: 0.002+/-0.000 χ^2/NDF : 4603056.9/19

In: 0.002+/-0.000 χ^2/NDF :1749564.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4603056.9/19

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.017 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

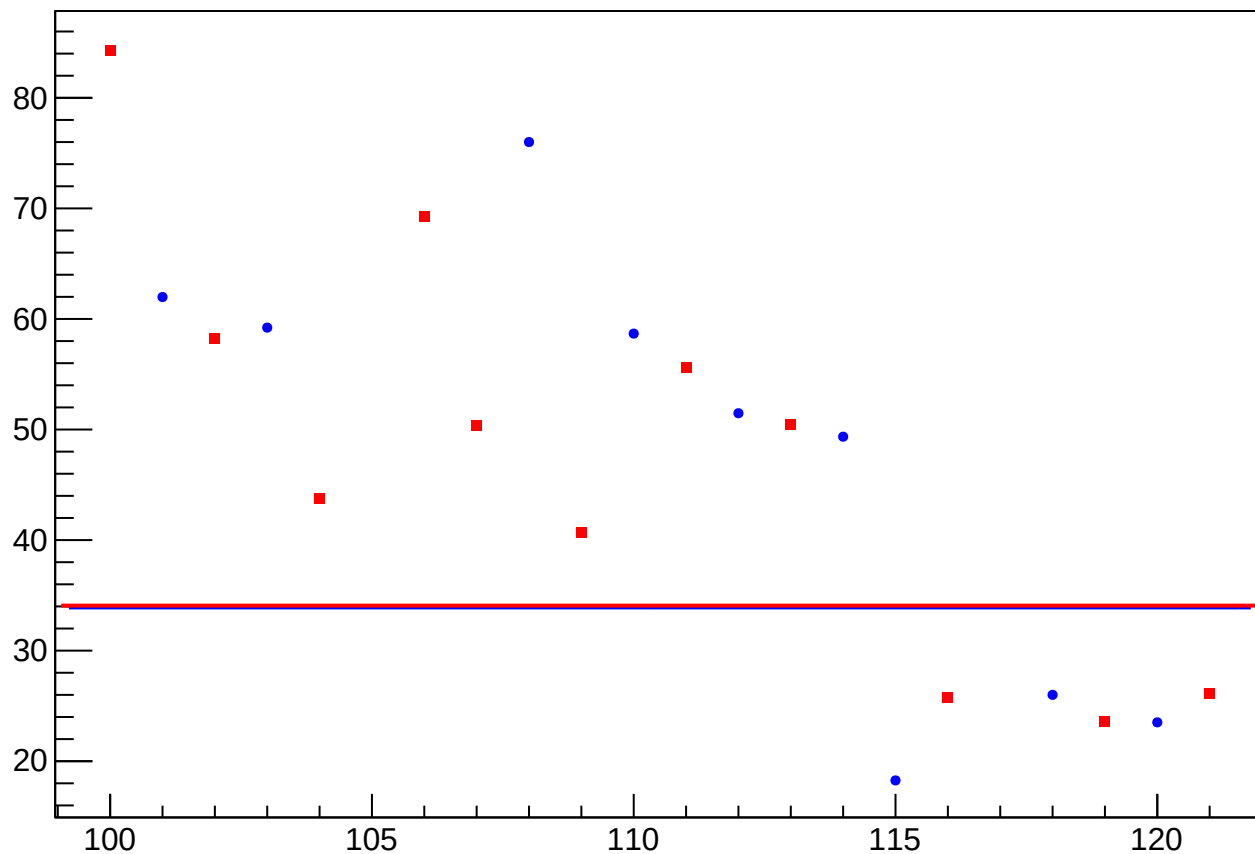
Right: 0.001+/-0.013 χ^2/NDF : 15.7/19

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.013 χ^2/NDF : 15.7/19

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.072+/-0.012 χ^2/NDF : 1117364.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

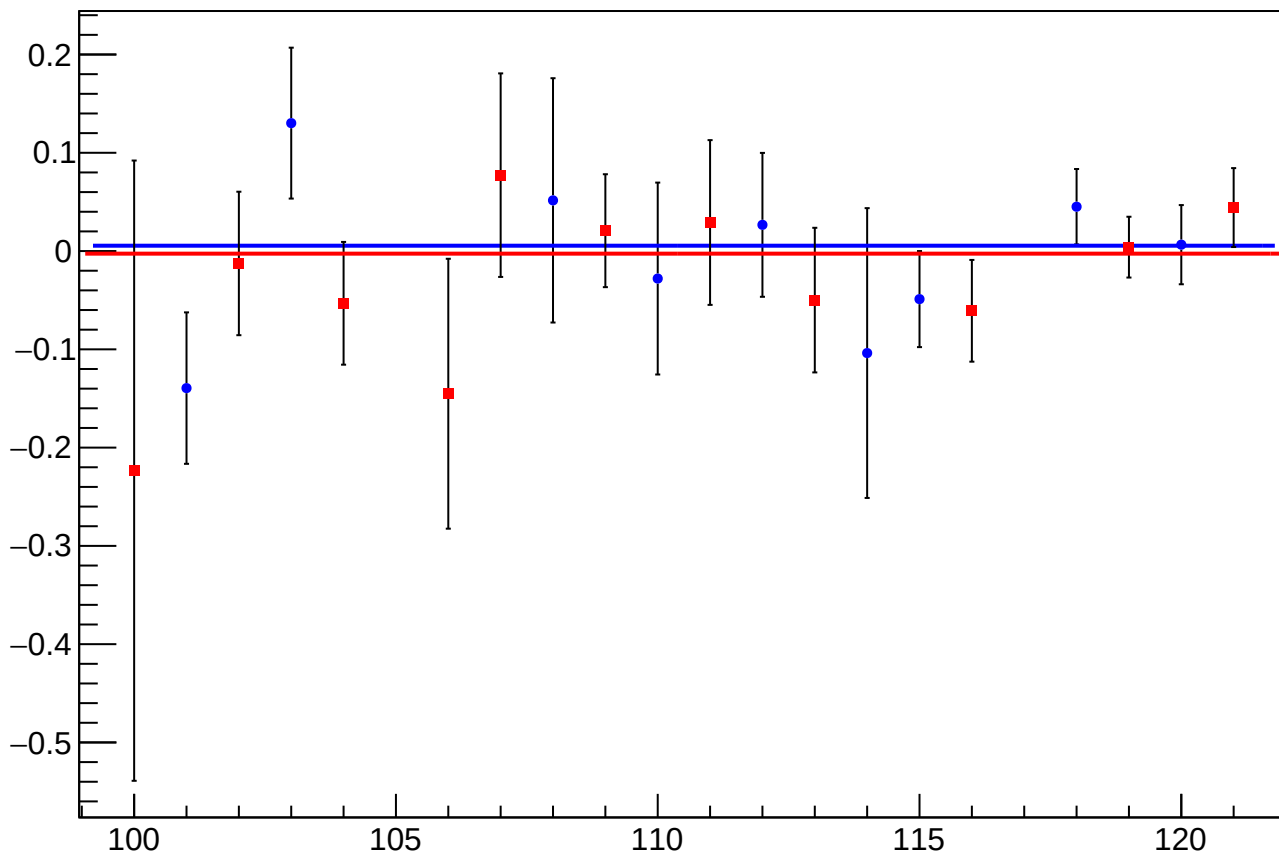
Right: 34.003+/-0.009 χ^2/NDF : 2518455.4/19

In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.003+/-0.009 χ^2/NDF : 2518455.4/19

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.017 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

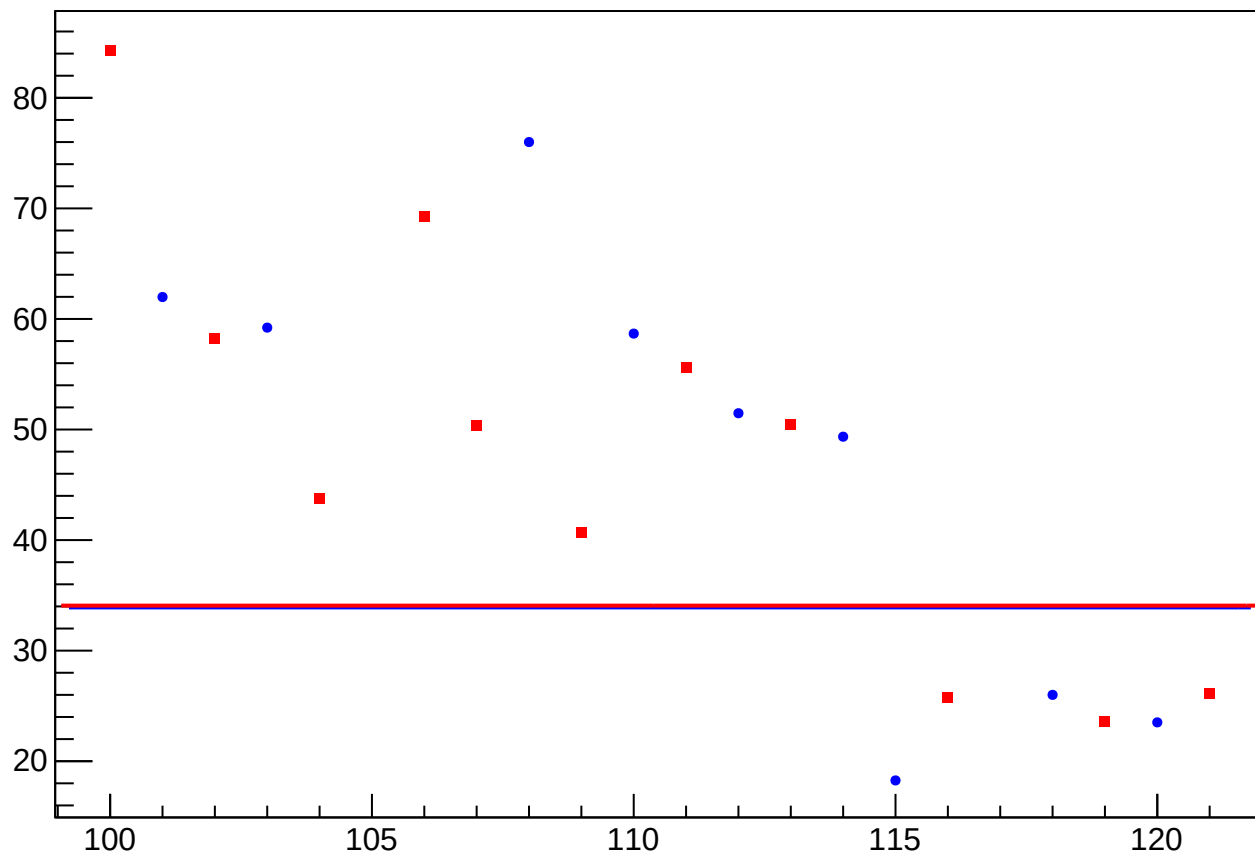
Right: 0.001+/-0.013 χ^2/NDF : 15.7/19

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.013 χ^2/NDF : 15.7/19

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.072+/-0.012 χ^2/NDF : 1117364.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

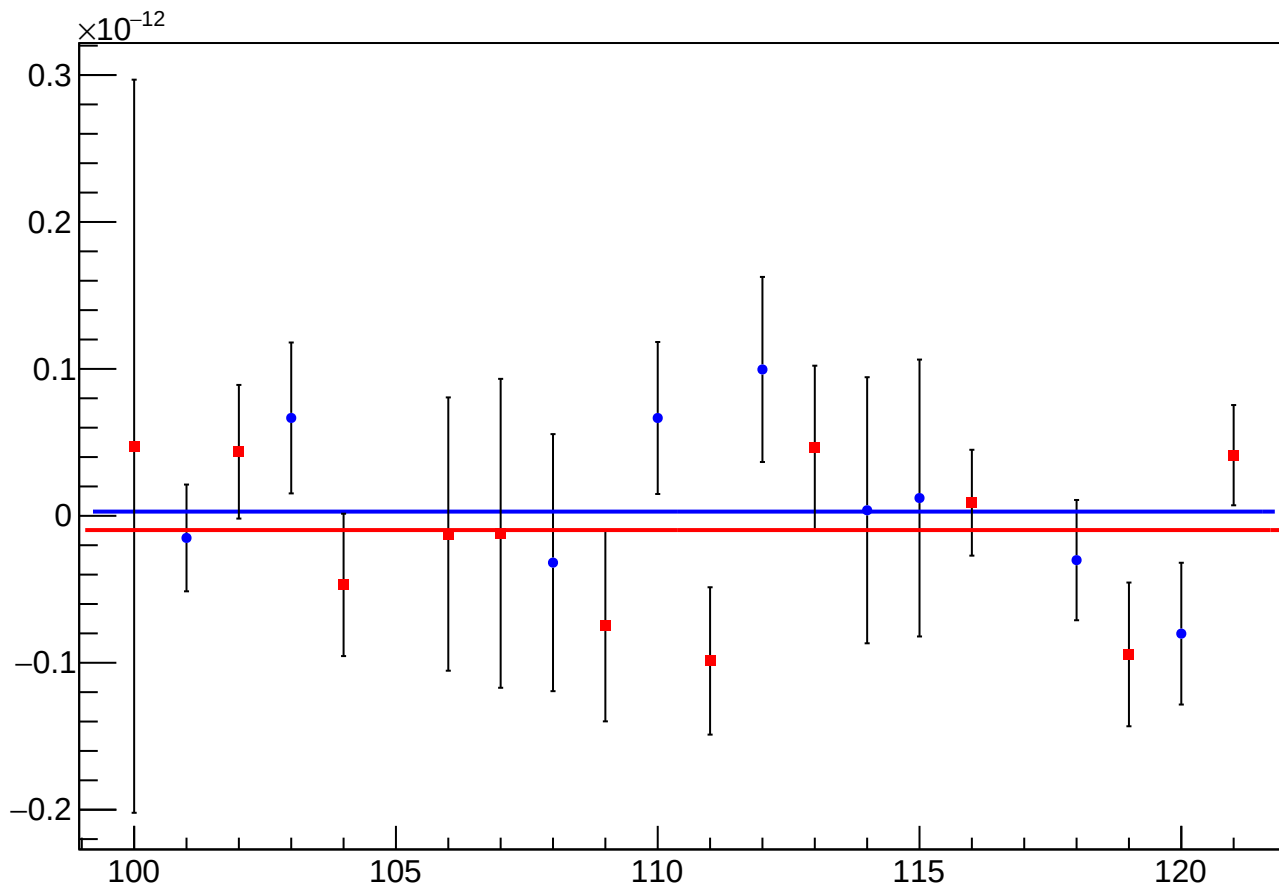
Right: 34.003+/-0.009 χ^2/NDF : 2518455.4/19

In: 33.910+/-0.014 χ^2/NDF :1401017.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.003+/-0.009 χ^2/NDF : 2518455.4/19

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

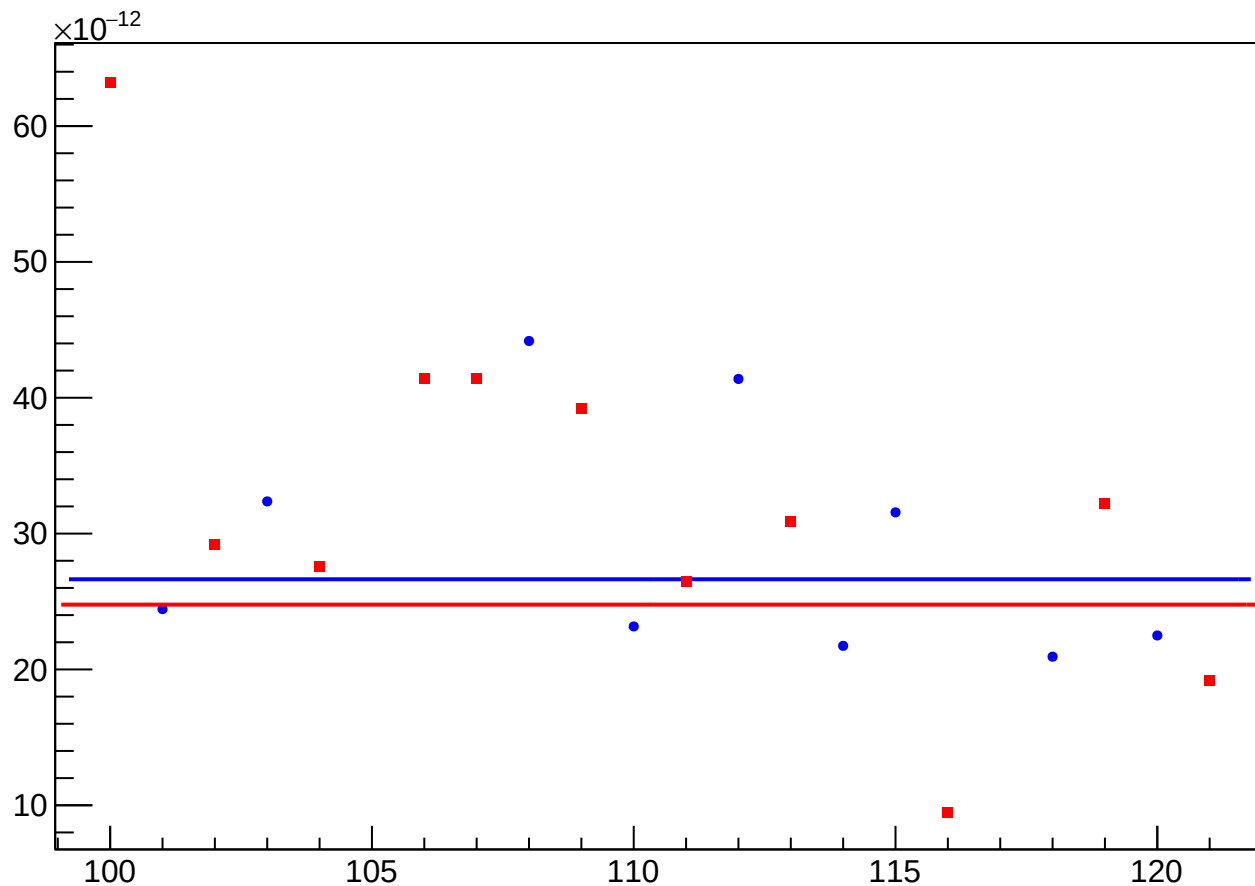
Right: -0.000+/-0.000 χ^2/NDF : 22.4/19

In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/19

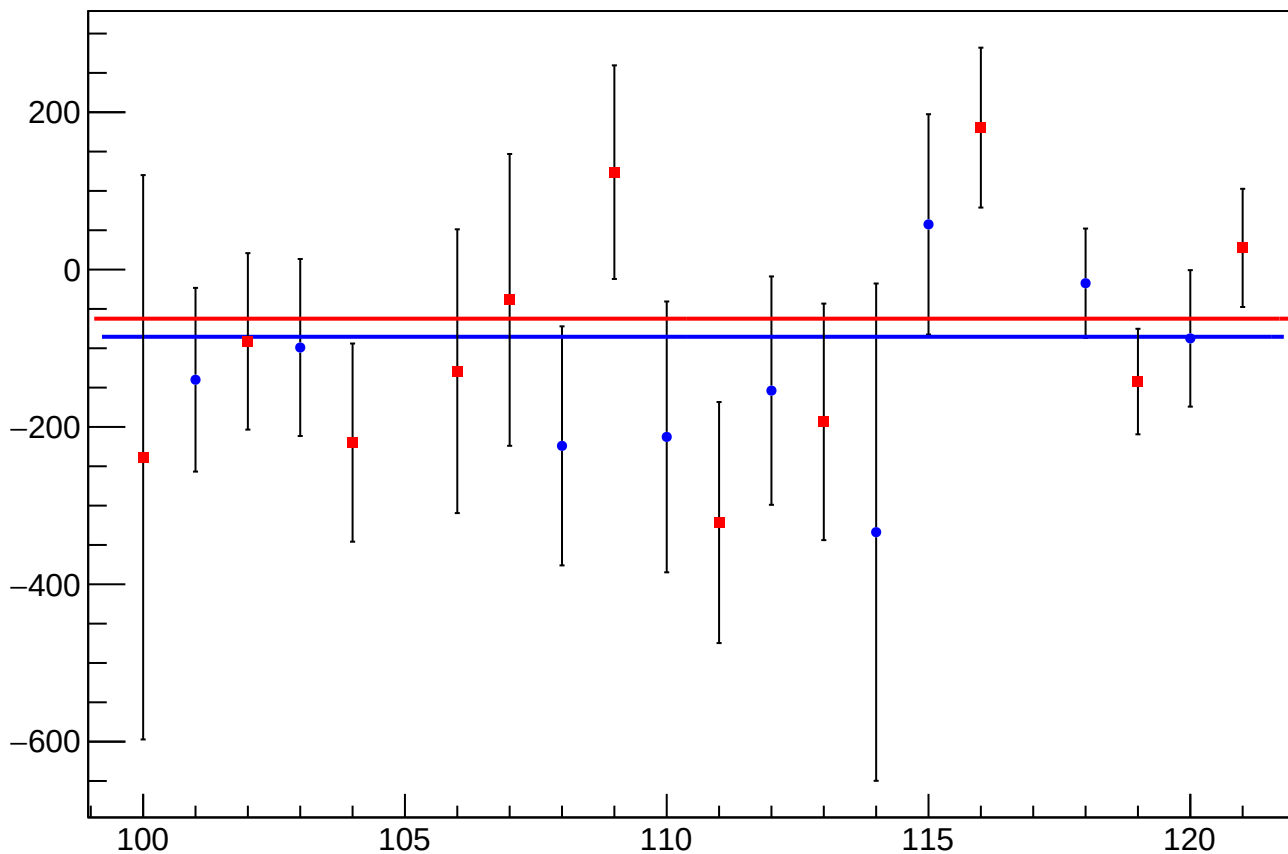
asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 296118.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 774294.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1082879.6/19
 In: 0.000+/-0.000 χ^2/NDF : 296118.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1082879.6/19

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -85.408 $\pm$ 38.404 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.396 $\pm$ 34.348 χ^2 /NDF: 16.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

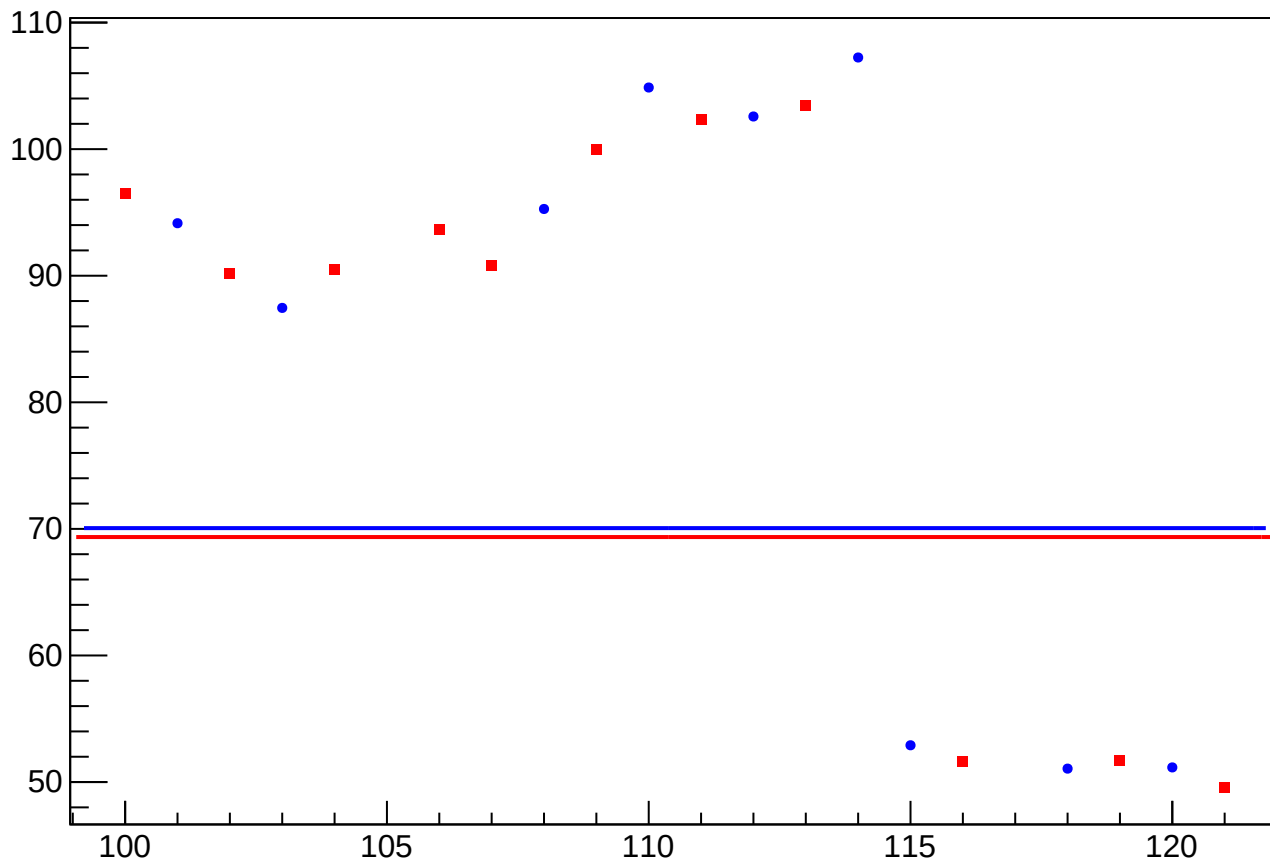
Right: -72.623 $\pm$ 25.602 χ^2 /NDF: 20.7/19

In: -85.408 $\pm$ 38.404 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -72.623 $\pm$ 25.602 χ^2 /NDF: 20.7/19

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.027 χ^2/NDF : 672497.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.356+/-0.024 χ^2/NDF : 835503.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

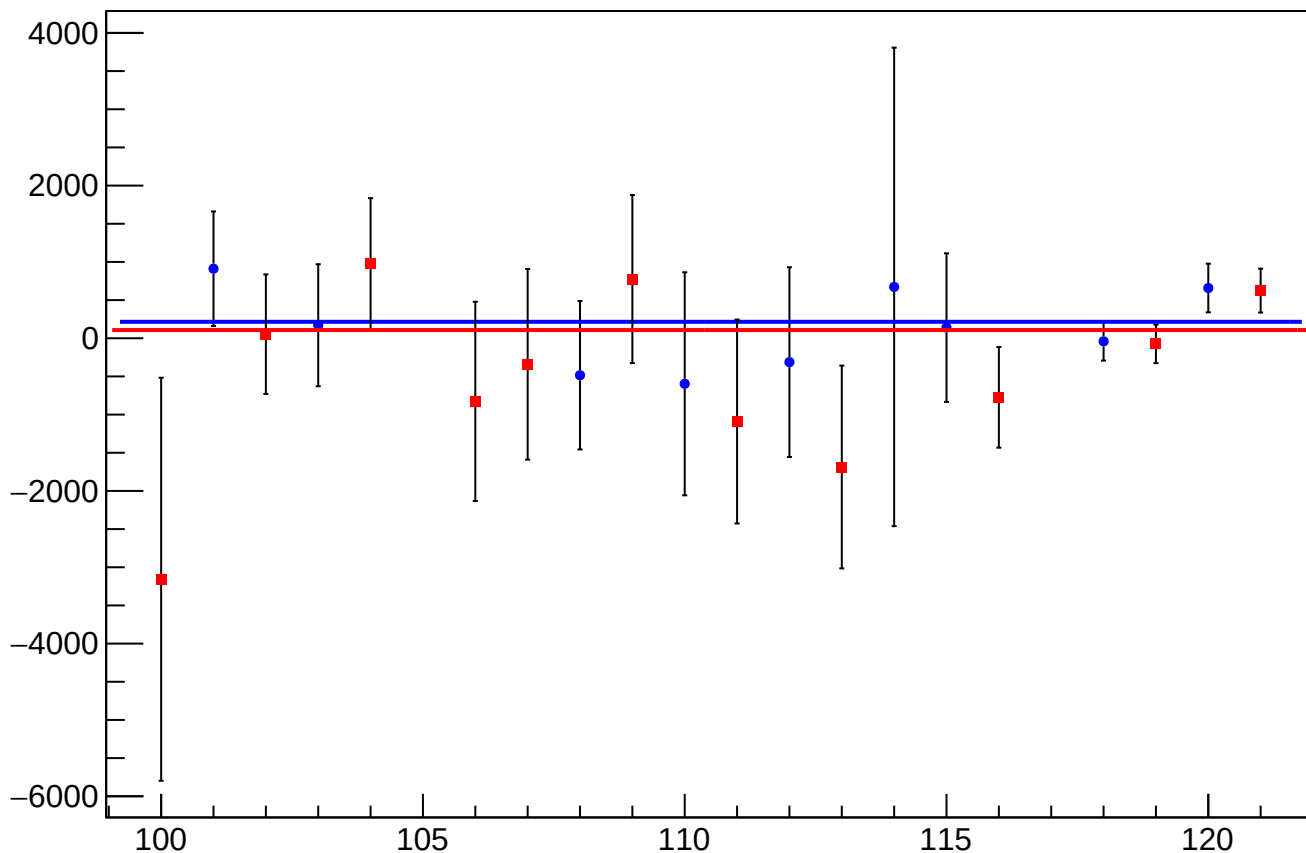
Right: 69.669+/-0.018 χ^2/NDF : 1508376.8/19

In: 70.061+/-0.027 χ^2/NDF : 672497.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.669+/-0.018 χ^2/NDF : 1508376.8/19

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 215.611+/-176.182 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.405+/-165.901 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

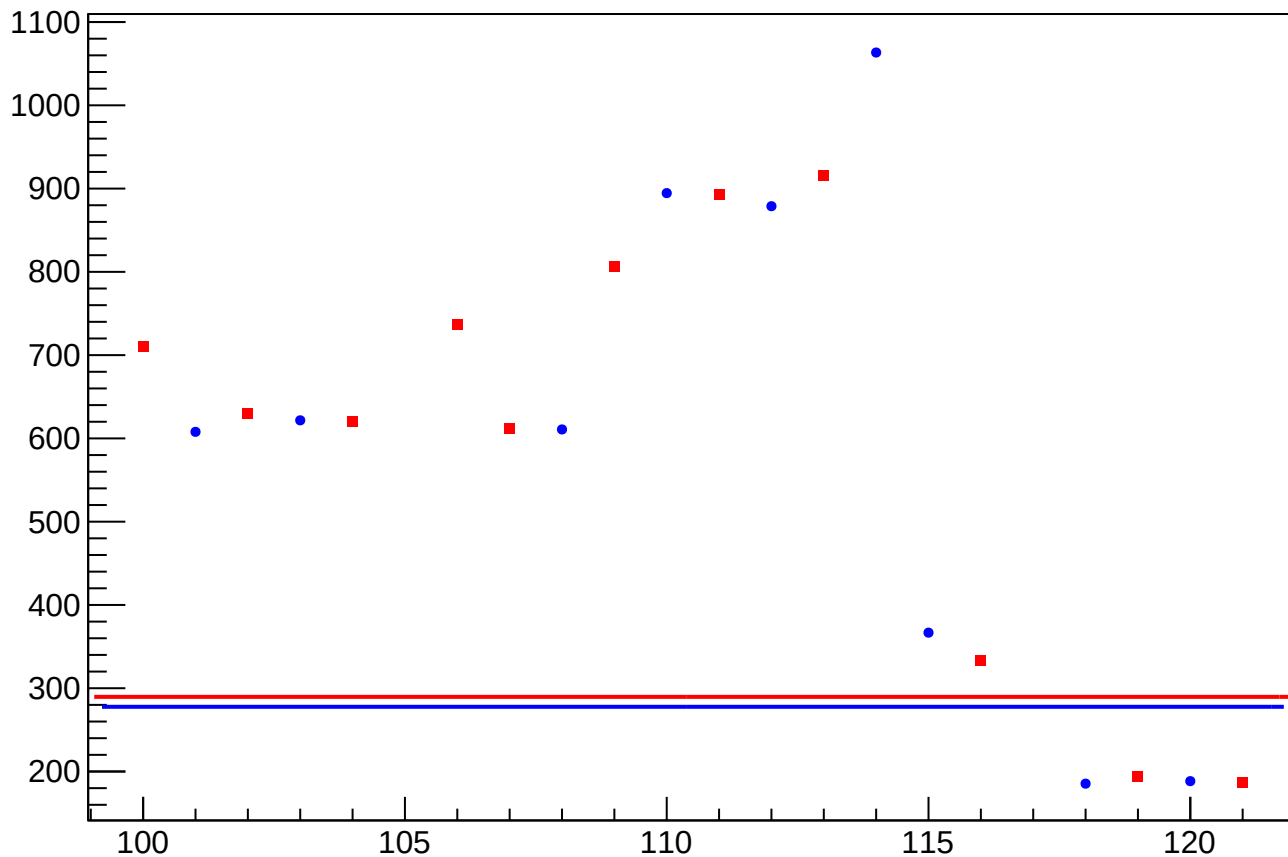
Right: 158.259+/-120.781 χ^2/NDF : 16.8/19

In: 215.611+/-176.182 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.259+/-120.781 χ^2/NDF : 16.8/19

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 277.708+/-0.125 χ^2/NDF : 2383018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.643+/-0.117 χ^2/NDF : 2938308.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

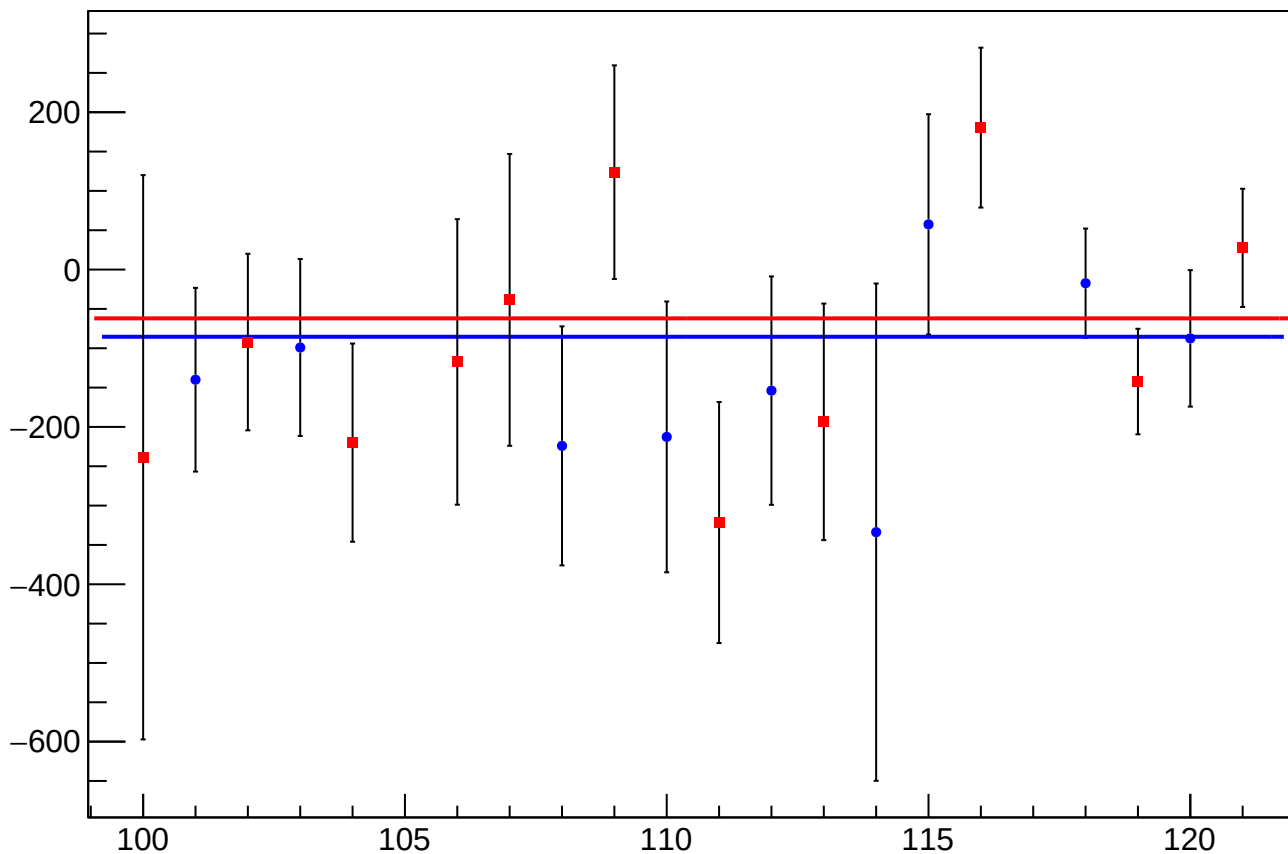
Right: 284.034+/-0.085 χ^2/NDF : 5326191.0/19

In: 277.708+/-0.125 χ^2/NDF : 2383018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.034+/-0.085 χ^2/NDF : 5326191.0/19

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -85.417 $\pm$ 38.404 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.030 $\pm$ 34.356 χ^2 /NDF: 16.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

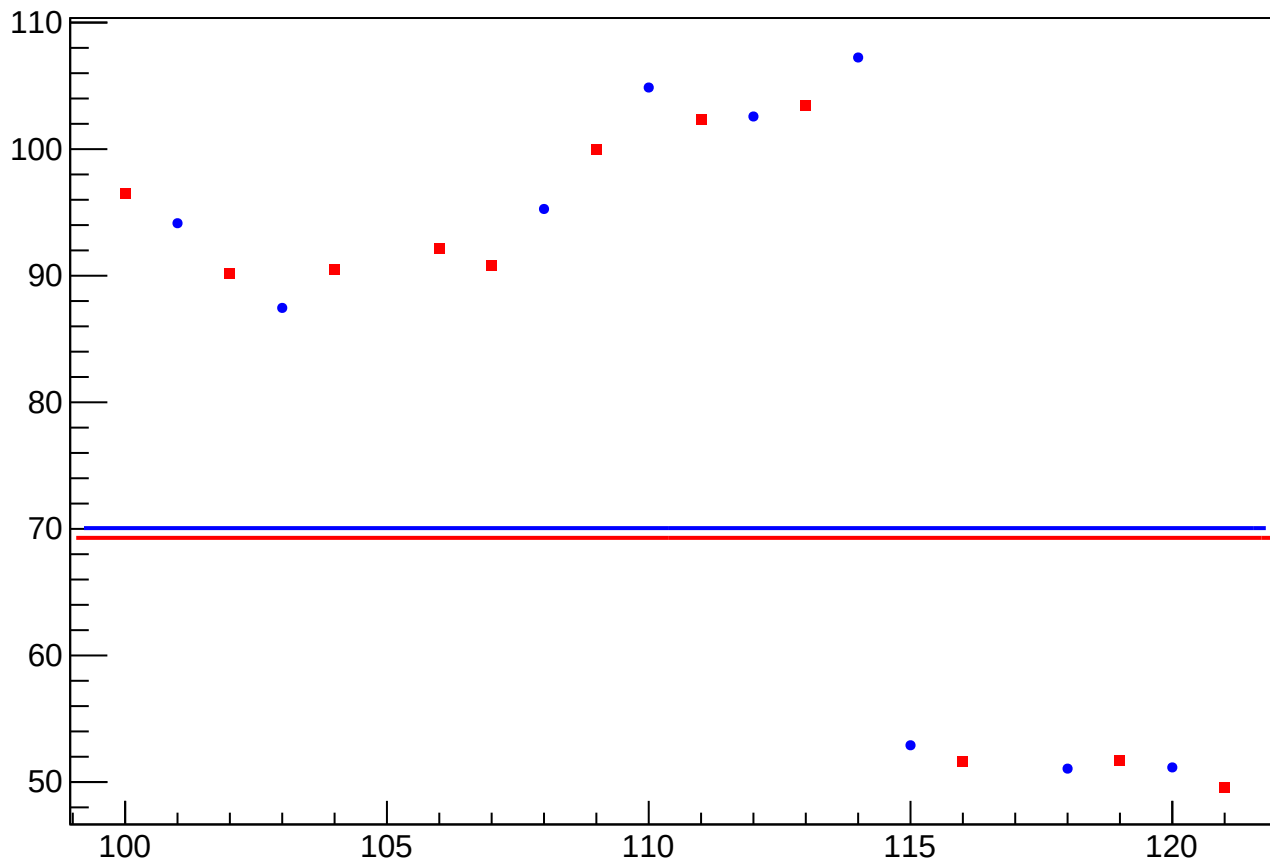
Right: -72.427 $\pm$ 25.605 χ^2 /NDF: 20.7/19

In: -85.417 $\pm$ 38.404 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -72.427 $\pm$ 25.605 χ^2 /NDF: 20.7/19

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.292+/-0.024 χ^2/NDF : 830788.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

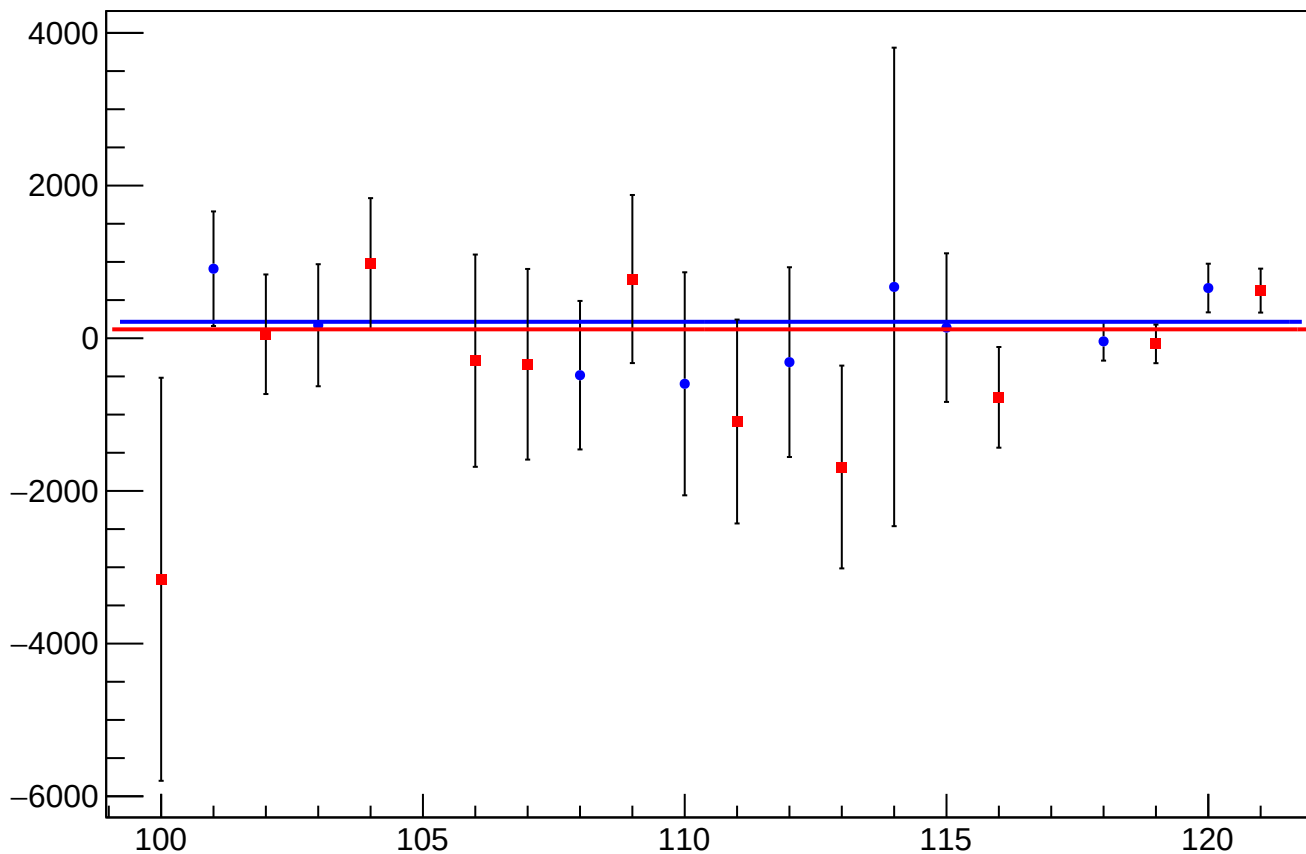
Right: 69.634+/-0.018 χ^2/NDF : 1503732.8/19

In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.634+/-0.018 χ^2/NDF : 1503732.8/19

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 215.604 $\pm$ 176.182 χ^2 /NDF: 4.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.759 $\pm$ 166.064 χ^2 /NDF: 11.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

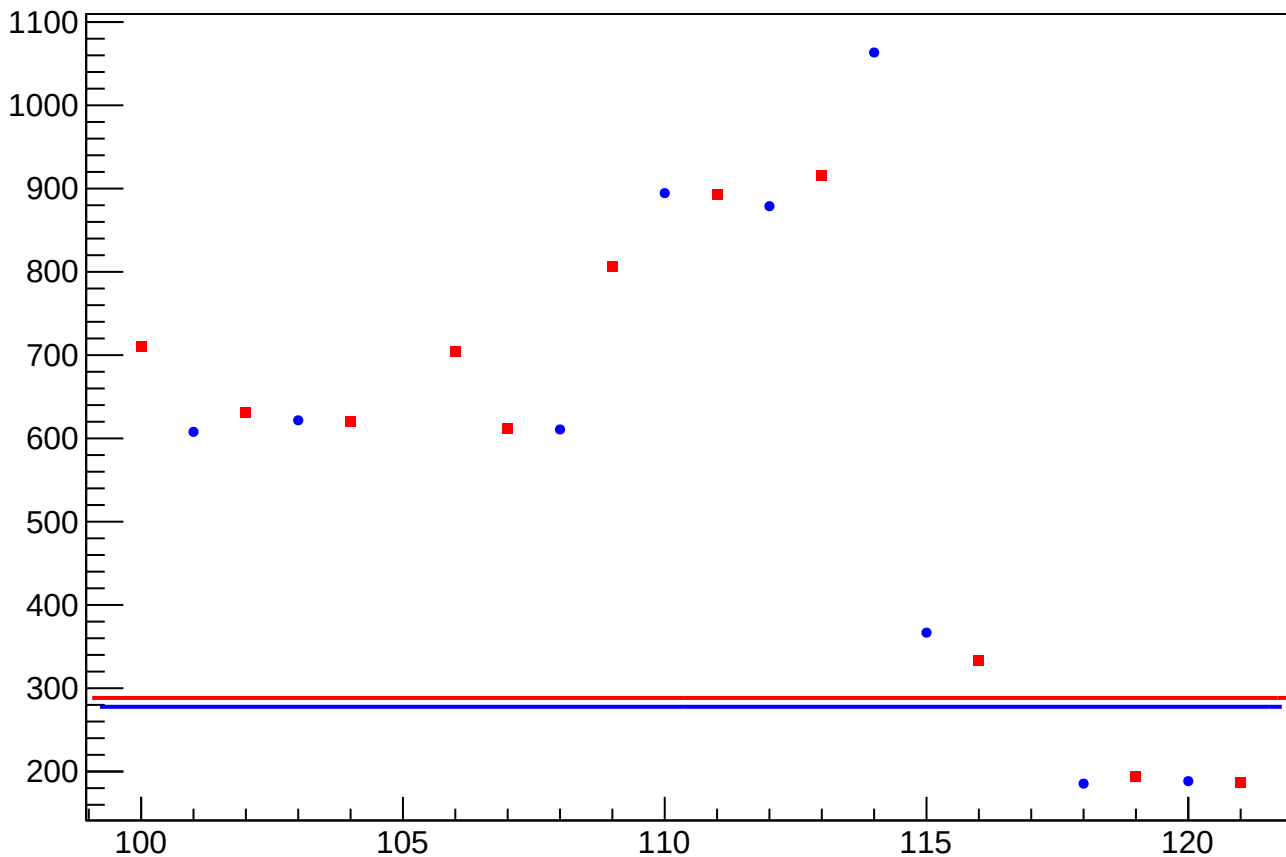
Right: 163.261 $\pm$ 120.844 χ^2 /NDF: 16.3/19

In: 215.604 $\pm$ 176.182 χ^2 /NDF:4.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.261 $\pm$ 120.844 χ^2 /NDF: 16.3/19

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.326+/-0.117 χ^2/NDF : 2881990.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

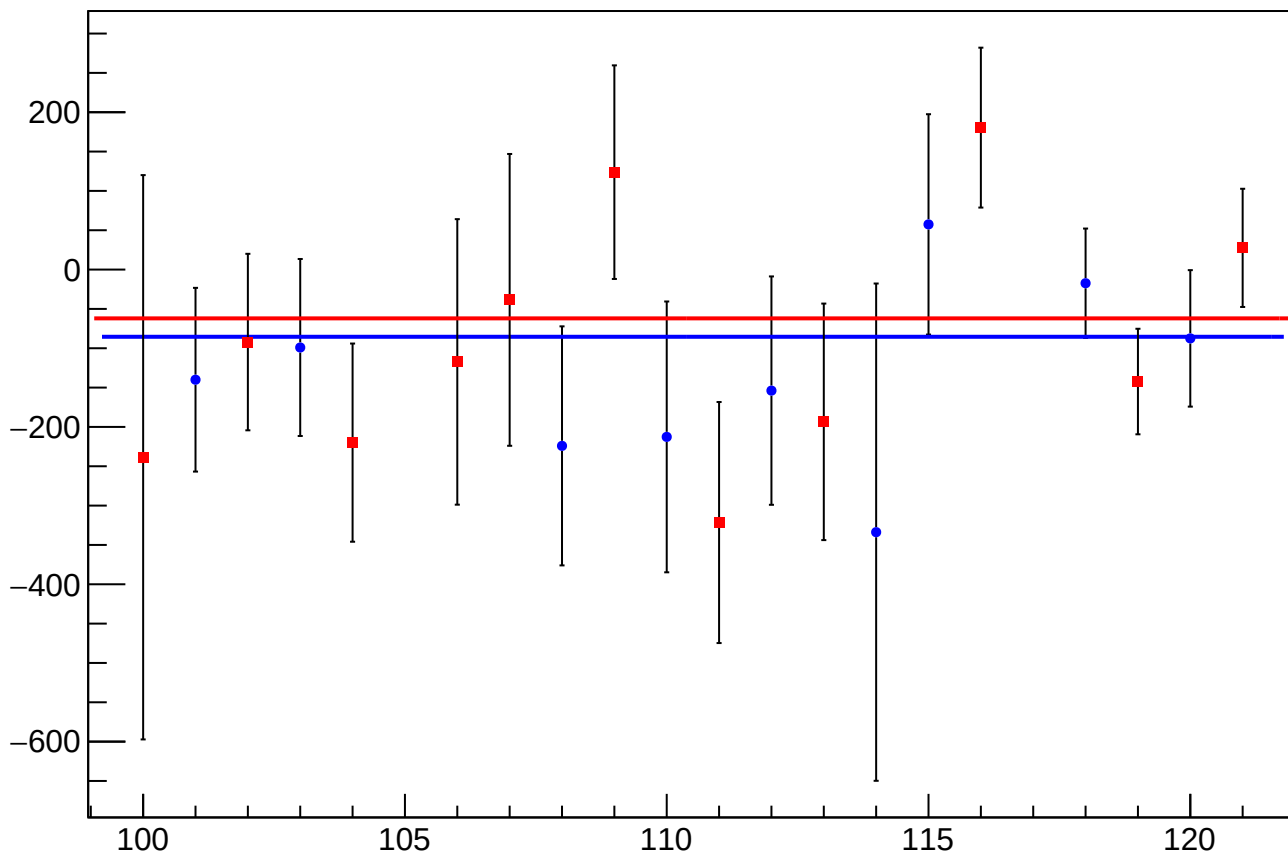
Right: 283.330+/-0.085 χ^2/NDF : 5268874.2/19

In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.330+/-0.085 χ^2/NDF : 5268874.2/19

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -85.417+/-38.404 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.030+/-34.356 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

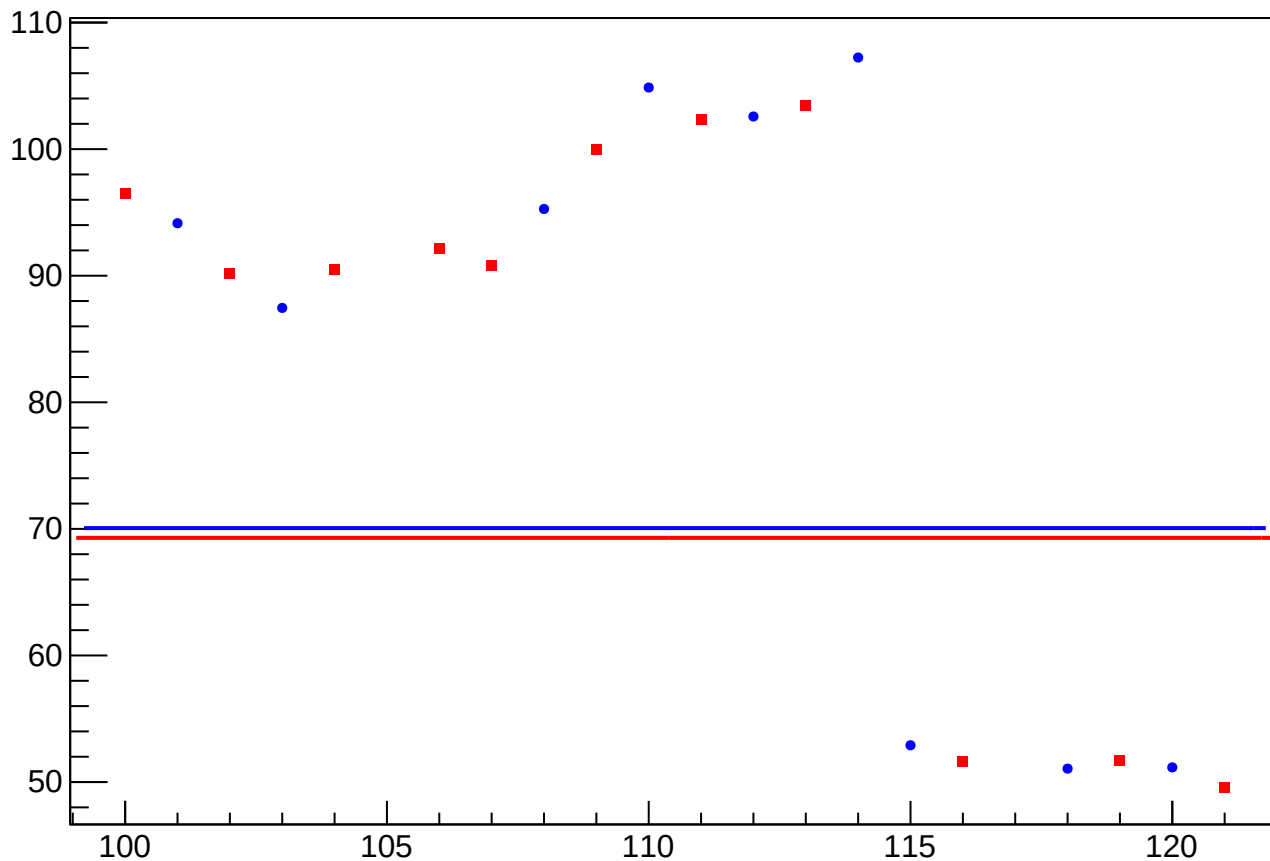
Right: -72.427+/-25.605 χ^2/NDF : 20.7/19

In: -85.417+/-38.404 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.427+/-25.605 χ^2/NDF : 20.7/19

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.292+/-0.024 χ^2/NDF : 830788.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

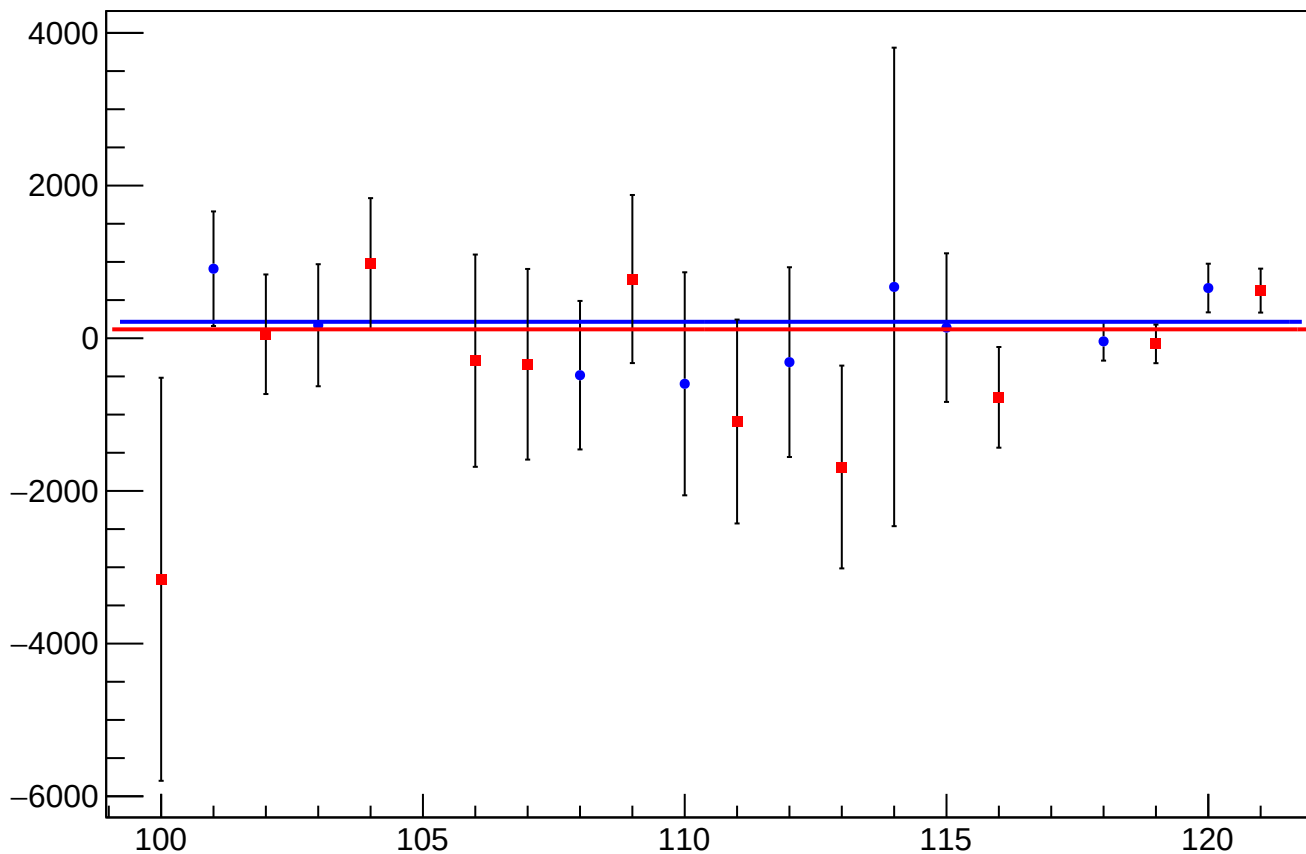
Right: 69.634+/-0.018 χ^2/NDF : 1503732.8/19

In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.634+/-0.018 χ^2/NDF : 1503732.8/19

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 215.604 $\pm$ 176.182 χ^2 /NDF: 4.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.759 $\pm$ 166.064 χ^2 /NDF: 11.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

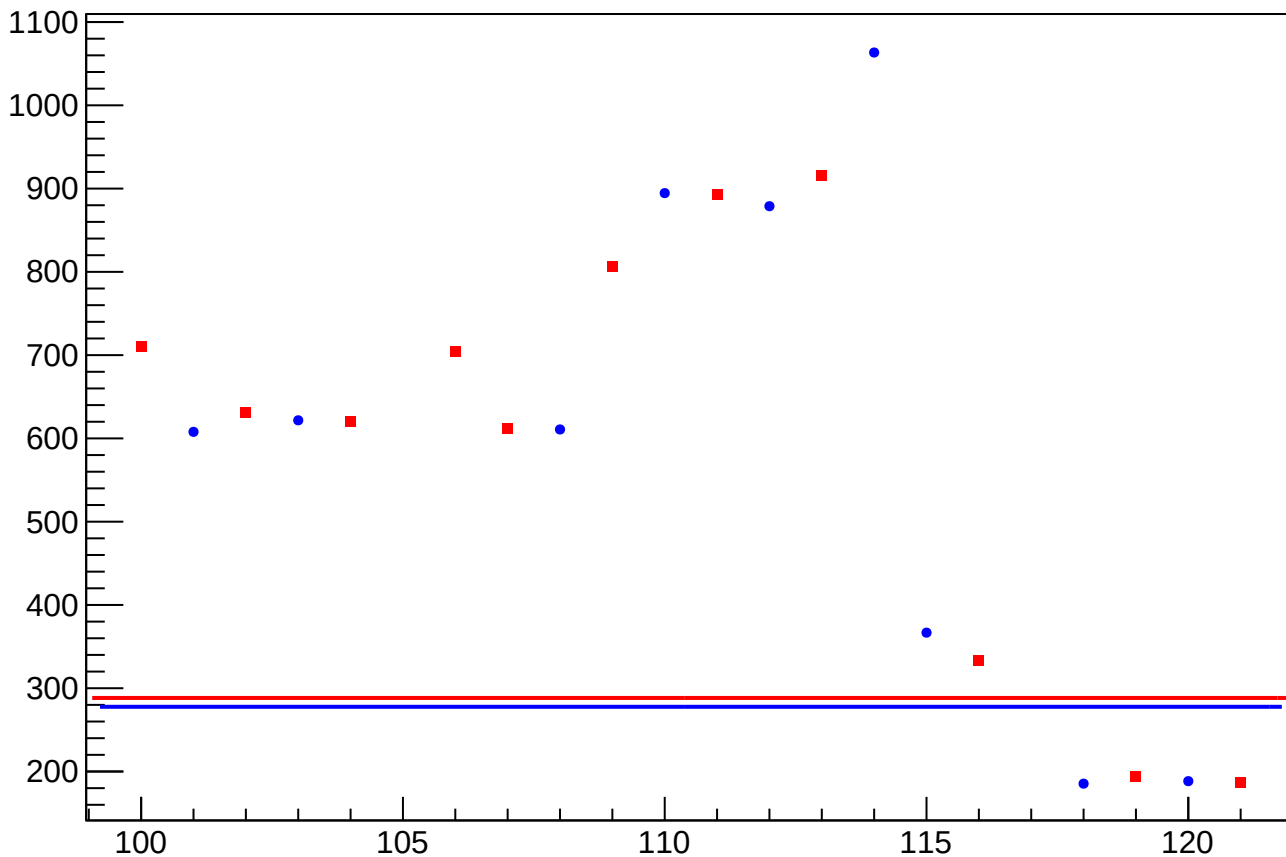
Right: 163.261 $\pm$ 120.844 χ^2 /NDF: 16.3/19

In: 215.604 $\pm$ 176.182 χ^2 /NDF:4.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.261 $\pm$ 120.844 χ^2 /NDF: 16.3/19

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.326+/-0.117 χ^2/NDF : 2881990.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

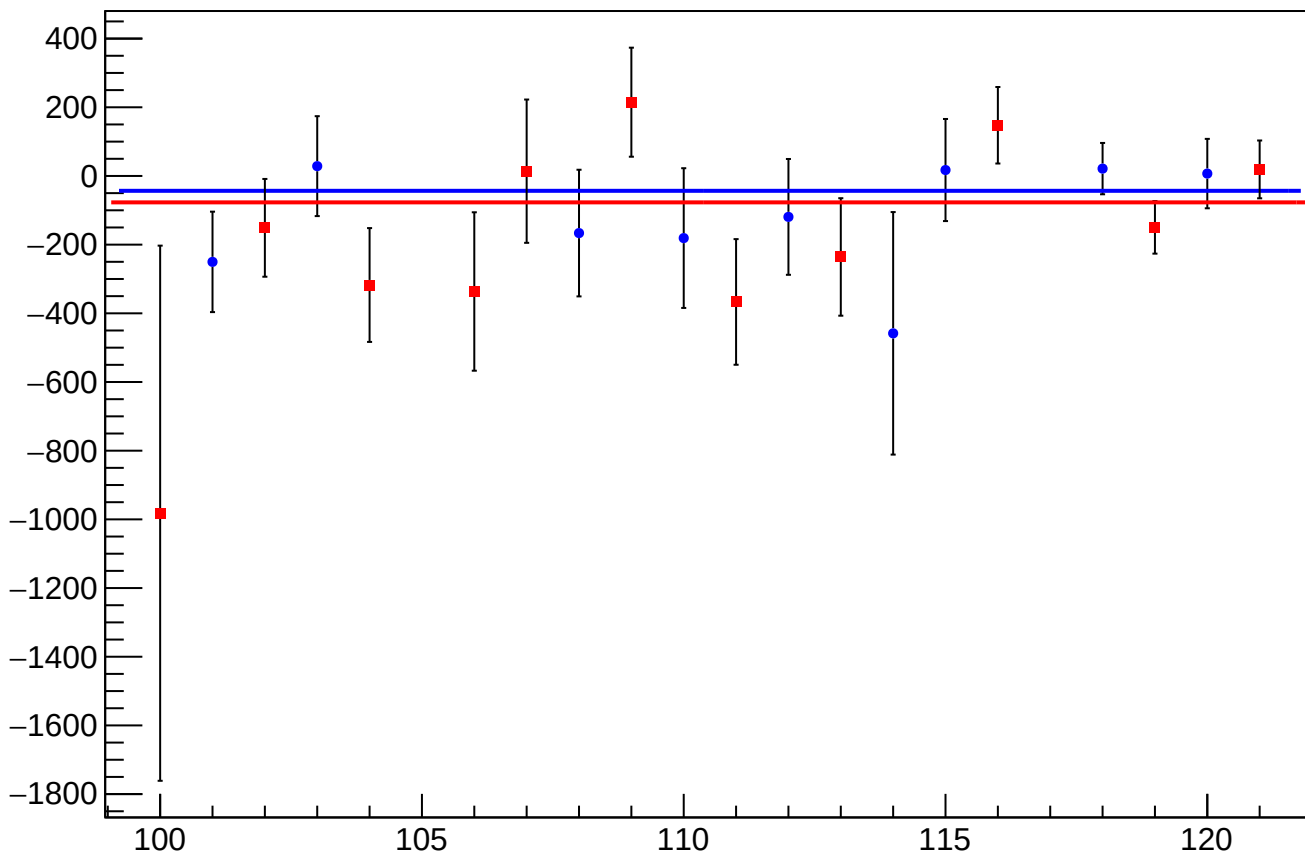
Right: 283.330+/-0.085 χ^2/NDF : 5268874.2/19

In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.330+/-0.085 χ^2/NDF : 5268874.2/19

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -43.259 ± 44.157 χ^2/NDF : 5.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.916 ± 39.987 χ^2/NDF : 18.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

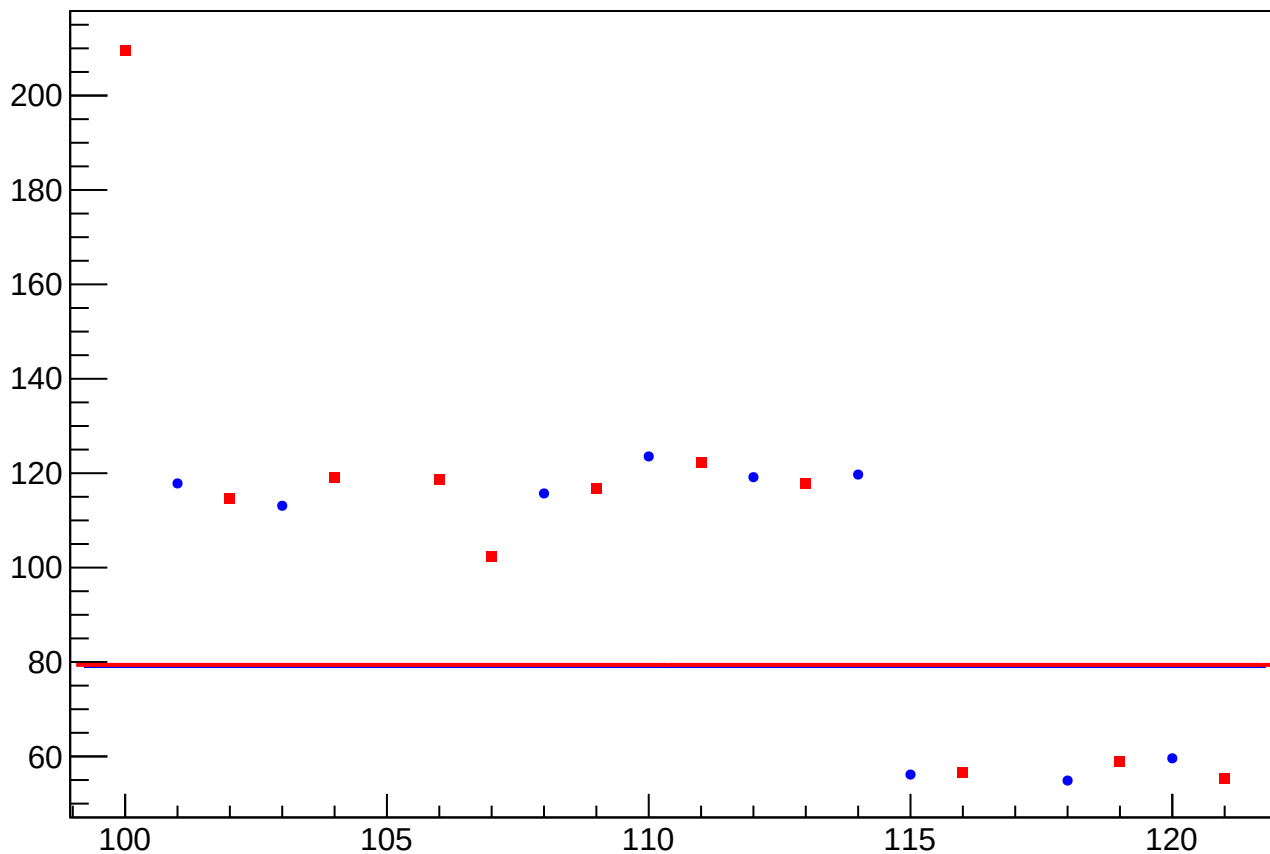
Right: -61.751 ± 29.640 χ^2/NDF : 24.4/19

In: -43.259 ± 44.157 χ^2/NDF : 5.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.751 ± 29.640 χ^2/NDF : 24.4/19

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 79.146 $\pm$ 0.031 χ^2 /NDF: 895049.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.395 $\pm$ 0.028 χ^2 /NDF: 1084468.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

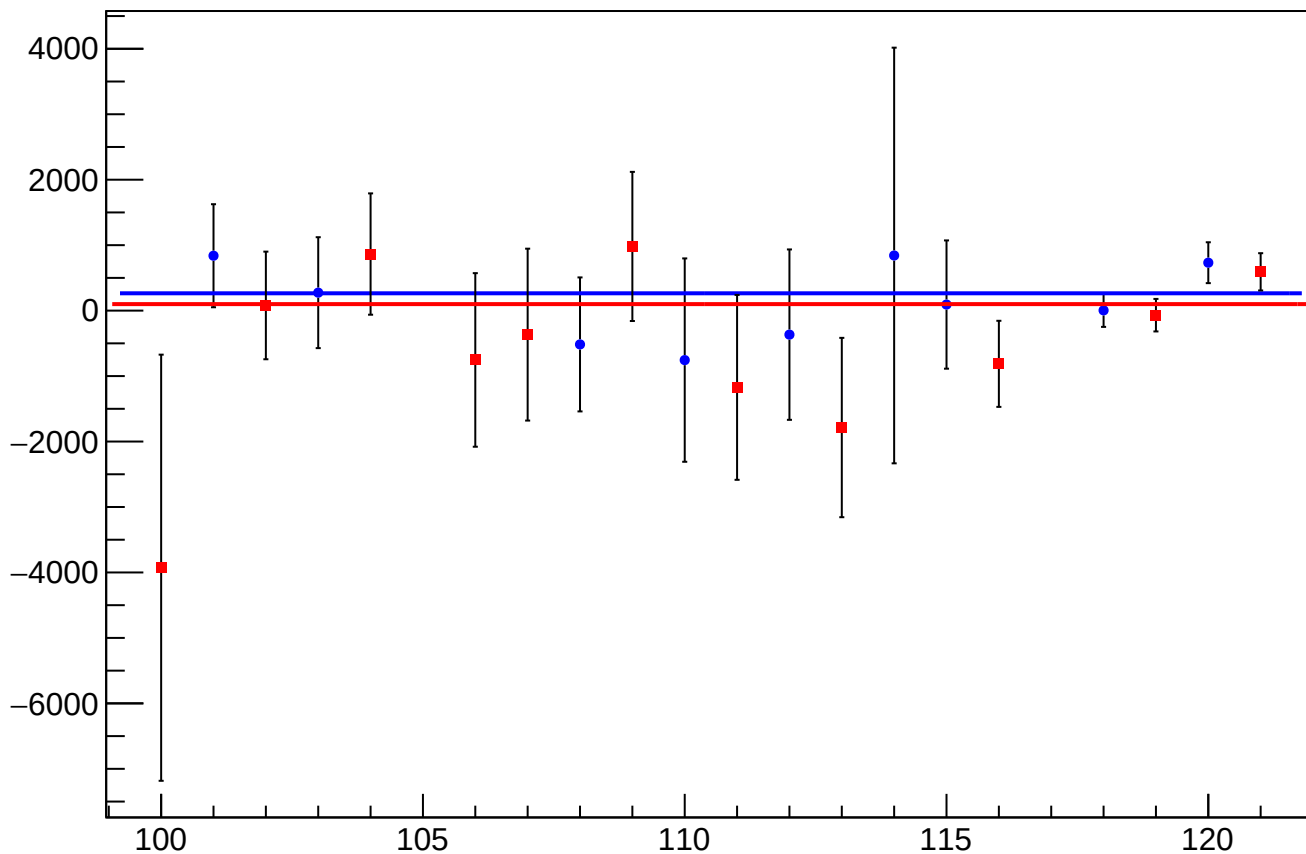
Right: 79.283 $\pm$ 0.021 χ^2 /NDF: 1979552.7/19

In: 79.146 $\pm$ 0.031 χ^2 /NDF:895049.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.283 $\pm$ 0.021 χ^2 /NDF: 1979552.7/19

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 264.667 $\pm$ 176.776 χ^2 /NDF: 5.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.430 $\pm$ 165.401 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

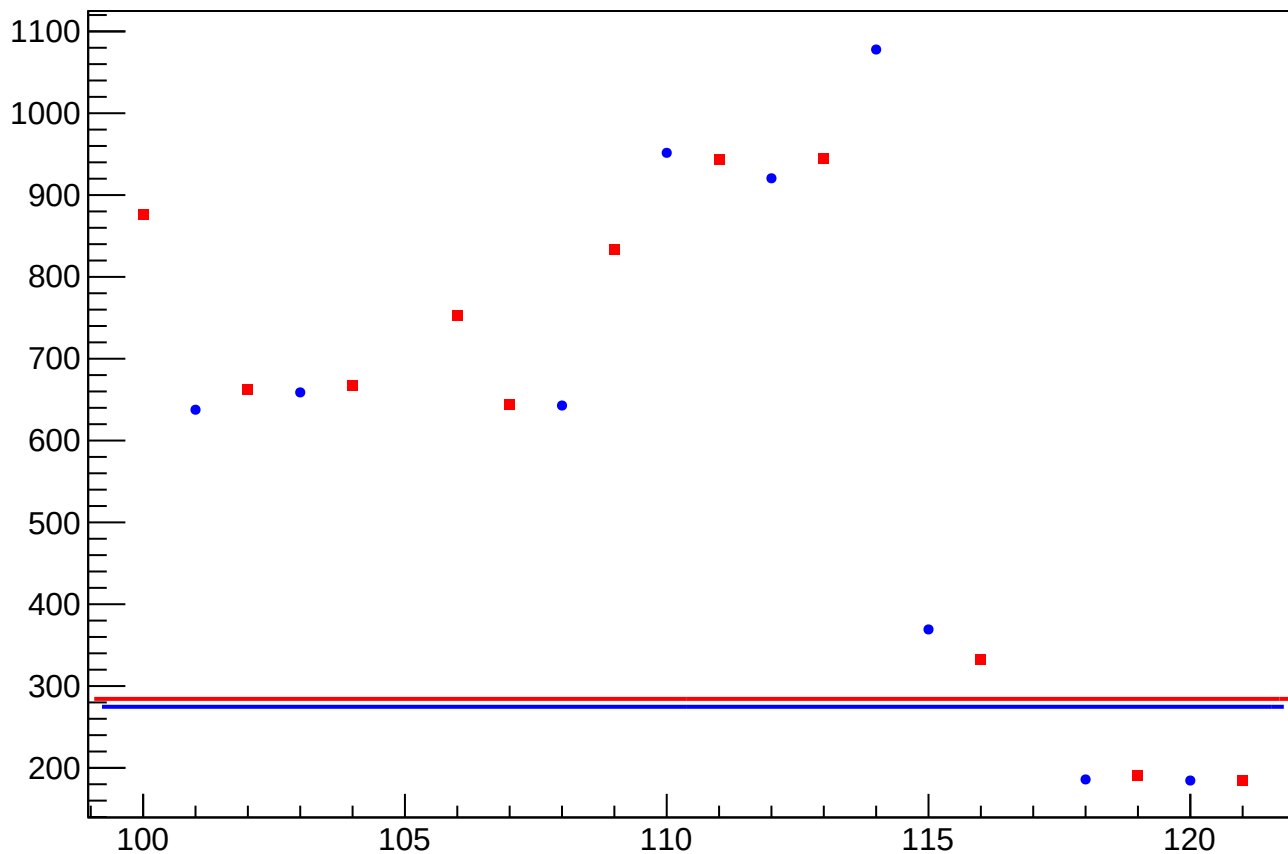
Right: 176.561 $\pm$ 120.777 χ^2 /NDF: 17.1/19

In: 264.667 $\pm$ 176.776 χ^2 /NDF:5.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.561 $\pm$ 120.777 χ^2 /NDF: 17.1/19

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 274.673+/-0.125 χ^2/NDF : 2527376.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.335+/-0.117 χ^2/NDF : 3136491.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

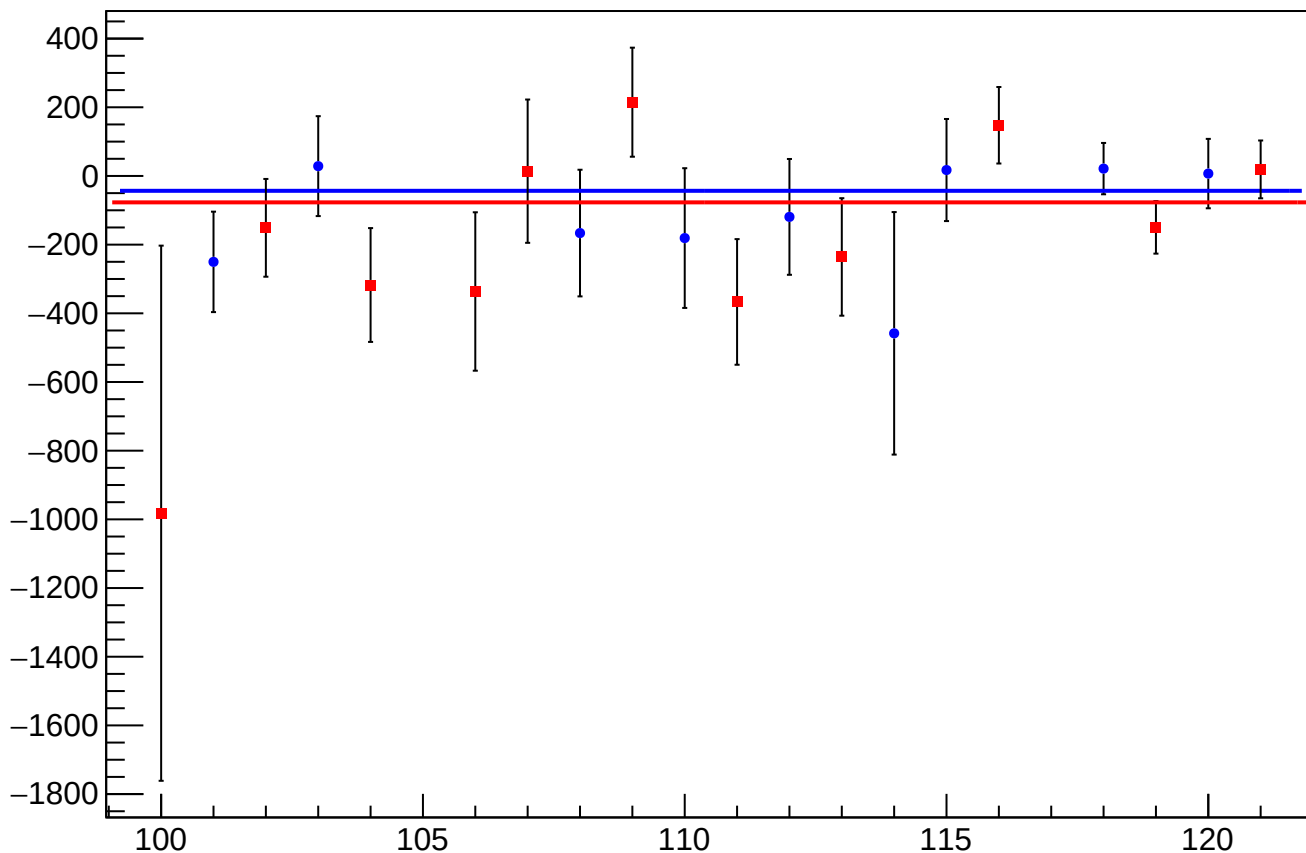
Right: 279.825+/-0.085 χ^2/NDF : 5667053.6/19

In: 274.673+/-0.125 χ^2/NDF : 2527376.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.825+/-0.085 χ^2/NDF : 5667053.6/19

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -43.260+/-44.156 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.918+/-39.986 χ^2/NDF : 18.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

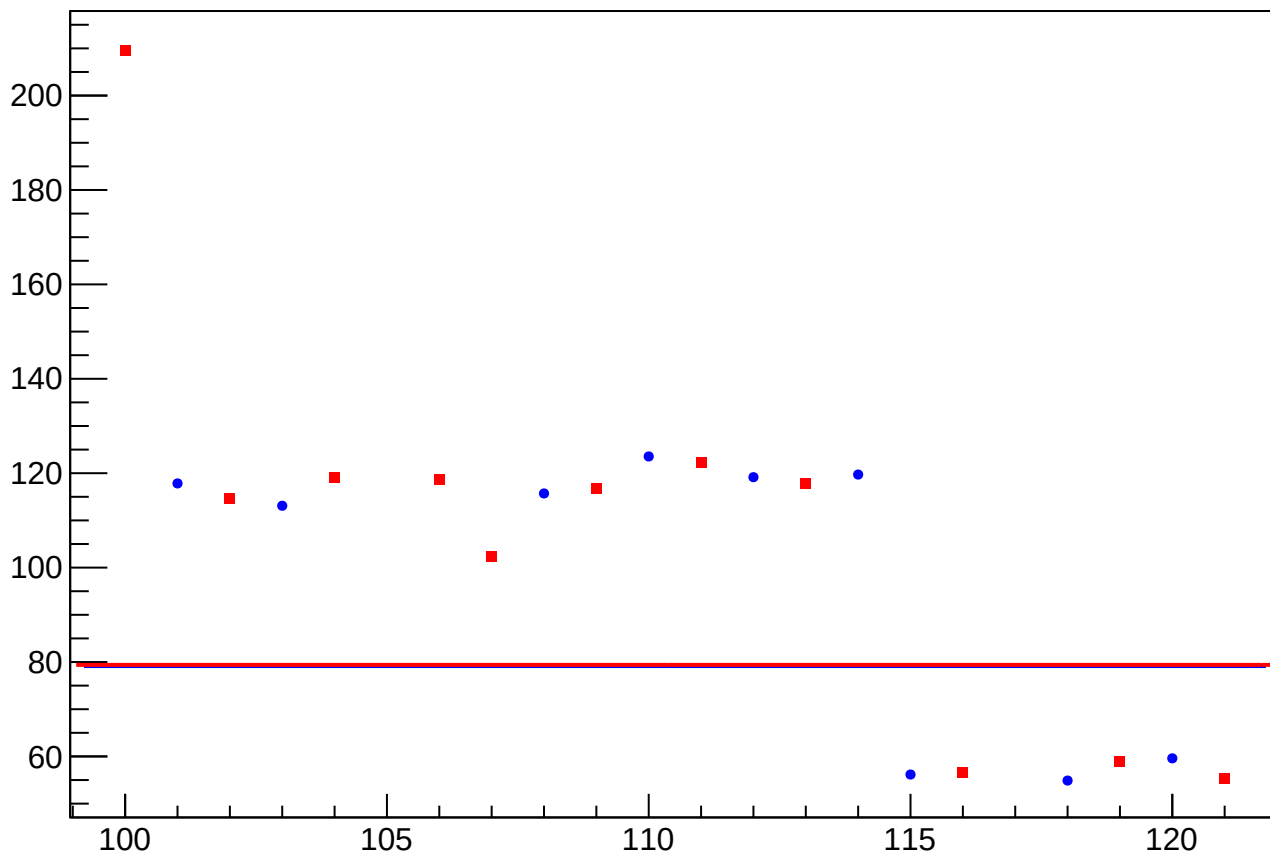
Right: -61.753+/-29.640 χ^2/NDF : 24.4/19

In: -43.260+/-44.156 χ^2/NDF : 5.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.753+/-29.640 χ^2/NDF : 24.4/19

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 79.145+/-0.031 χ^2/NDF : 895058.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.395+/-0.028 χ^2/NDF : 1084455.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

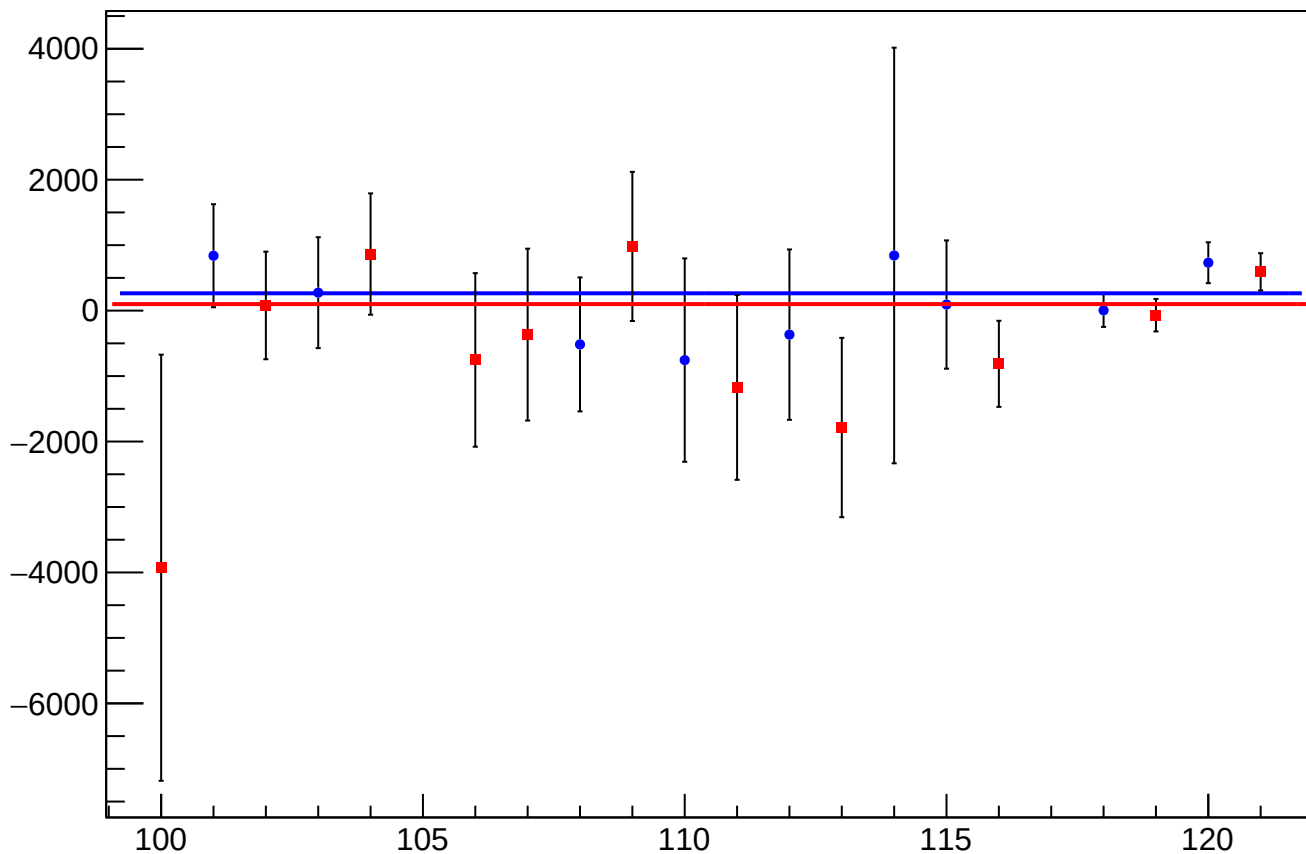
Right: 79.282+/-0.021 χ^2/NDF : 1979549.3/19

In: 79.145+/-0.031 χ^2/NDF : 895058.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.282+/-0.021 χ^2/NDF : 1979549.3/19

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 264.663 $\pm$ 176.776 χ^2 /NDF: 5.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.428 $\pm$ 165.401 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

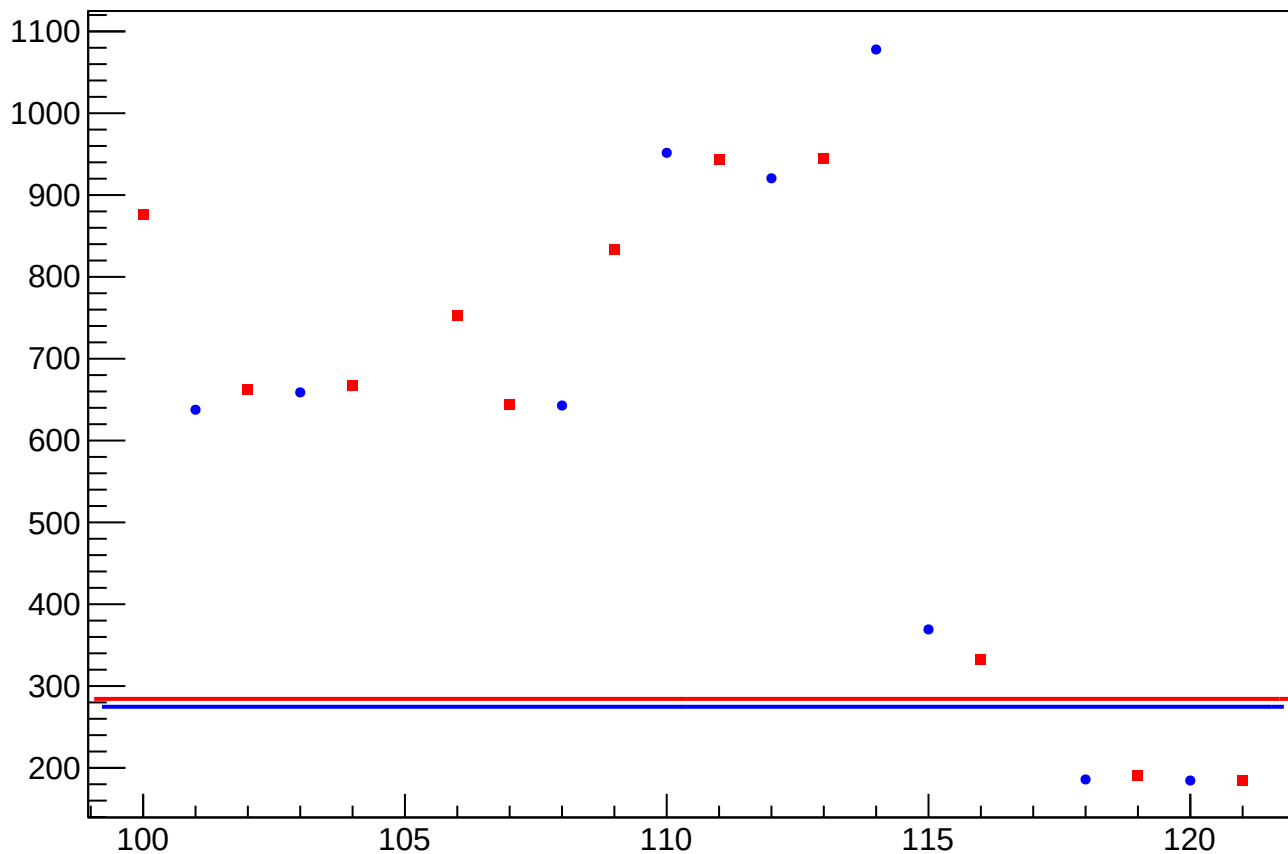
Right: 176.559 $\pm$ 120.777 χ^2 /NDF: 17.1/19

In: 264.663 $\pm$ 176.776 χ^2 /NDF:5.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.559 $\pm$ 120.777 χ^2 /NDF: 17.1/19

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 274.673+/-0.125 χ^2/NDF : 2527374.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.335+/-0.117 χ^2/NDF : 3136478.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

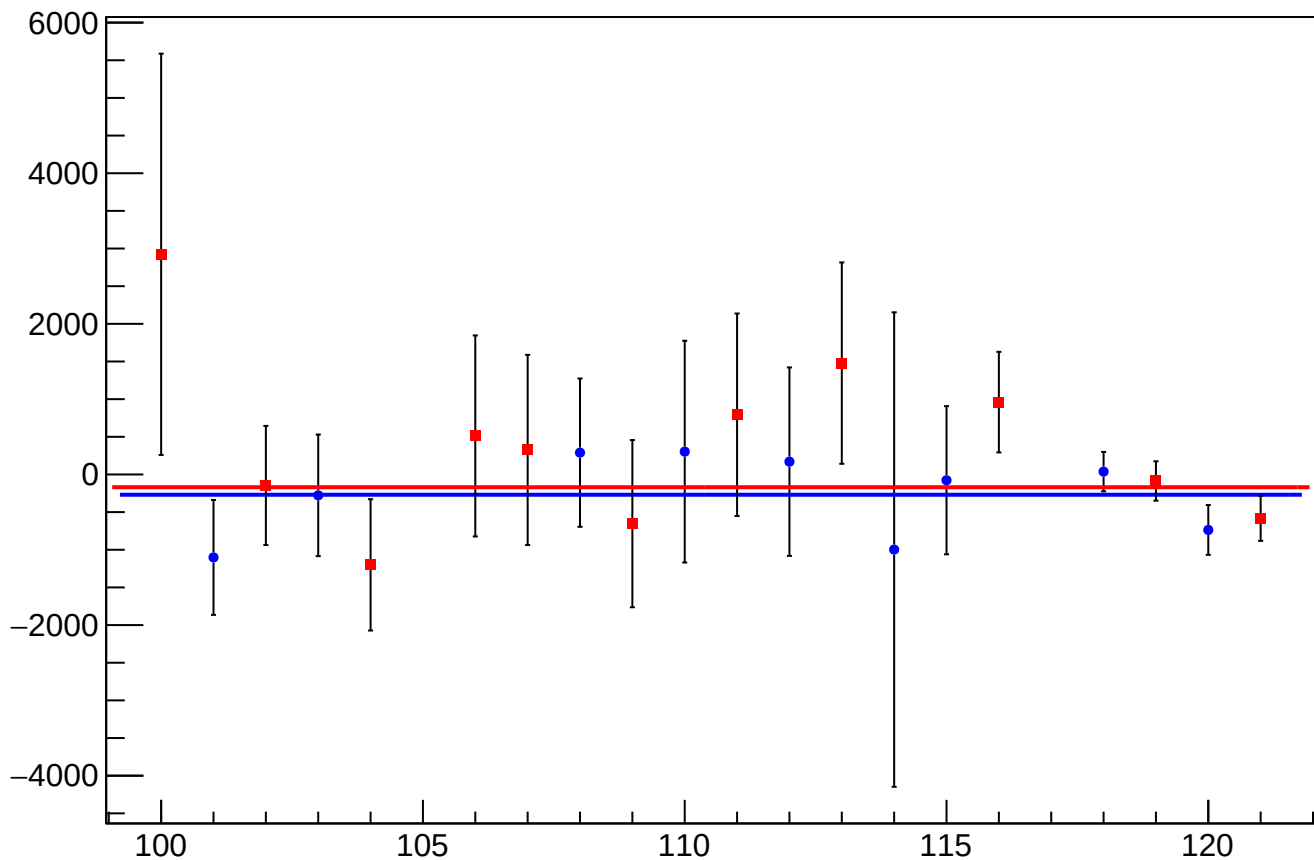
Right: 279.825+/-0.085 χ^2/NDF : 5667038.9/19

In: 274.673+/-0.125 χ^2/NDF : 2527374.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.825+/-0.085 χ^2/NDF : 5667038.9/19

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -269.308+/-181.830 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -169.713+/-171.005 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

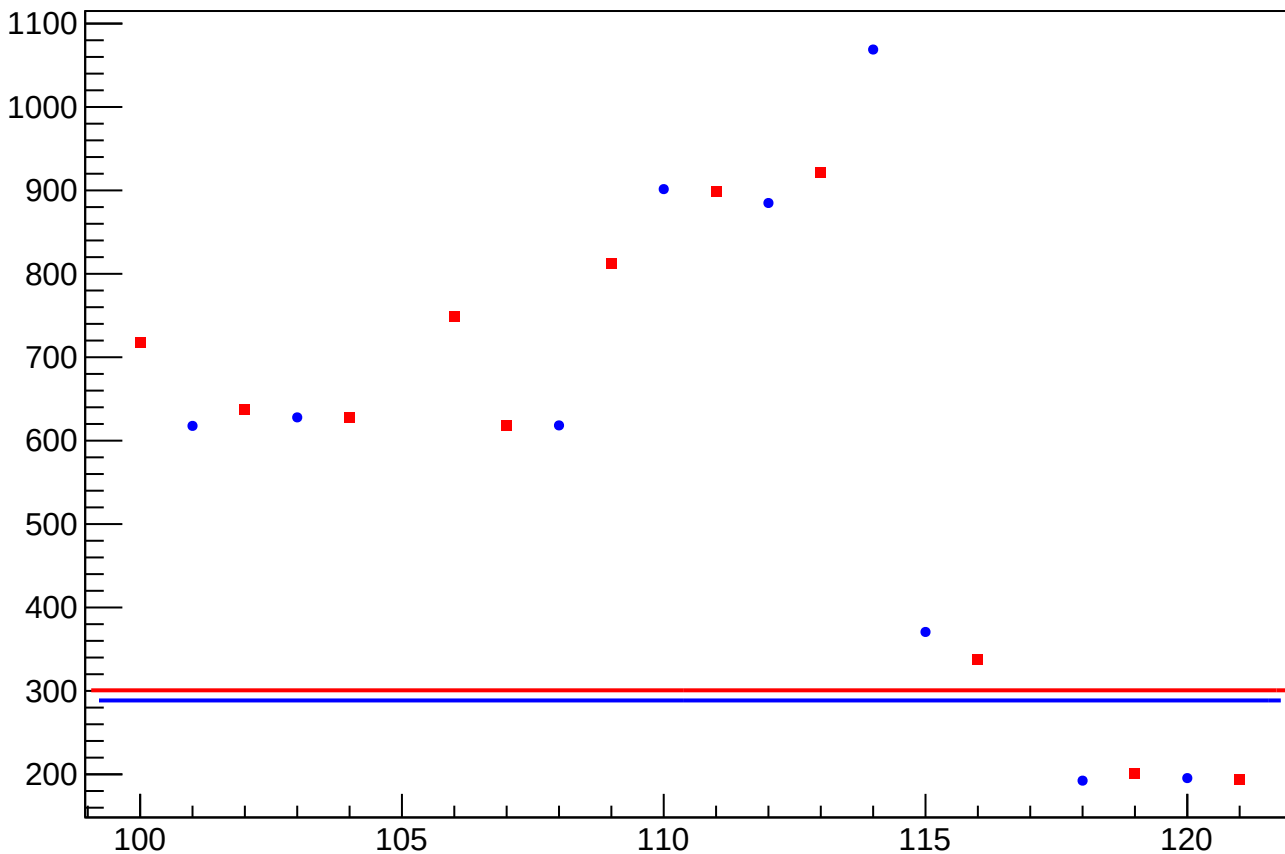
Right: -216.458+/-124.570 χ^2/NDF : 15.7/19

In: -269.308+/-181.830 χ^2/NDF :5.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -216.458+/-124.570 χ^2/NDF : 15.7/19

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 288.560+/-0.129 χ^2/NDF : 2315362.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.708+/-0.121 χ^2/NDF : 2848110.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

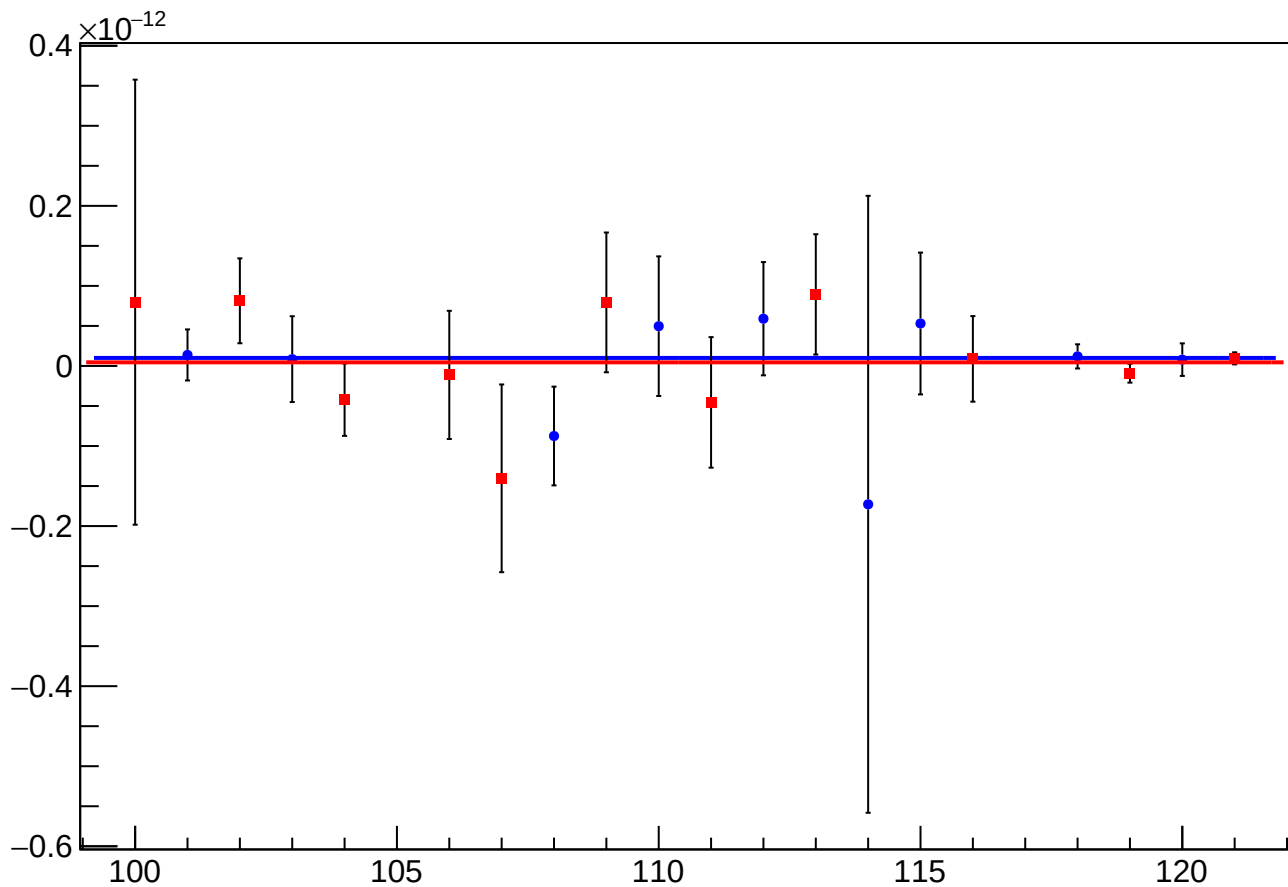
Right: 295.007+/-0.088 χ^2/NDF : 5168210.1/19

In: 288.560+/-0.129 χ^2/NDF : 2315362.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.007+/-0.088 χ^2/NDF : 5168210.1/19

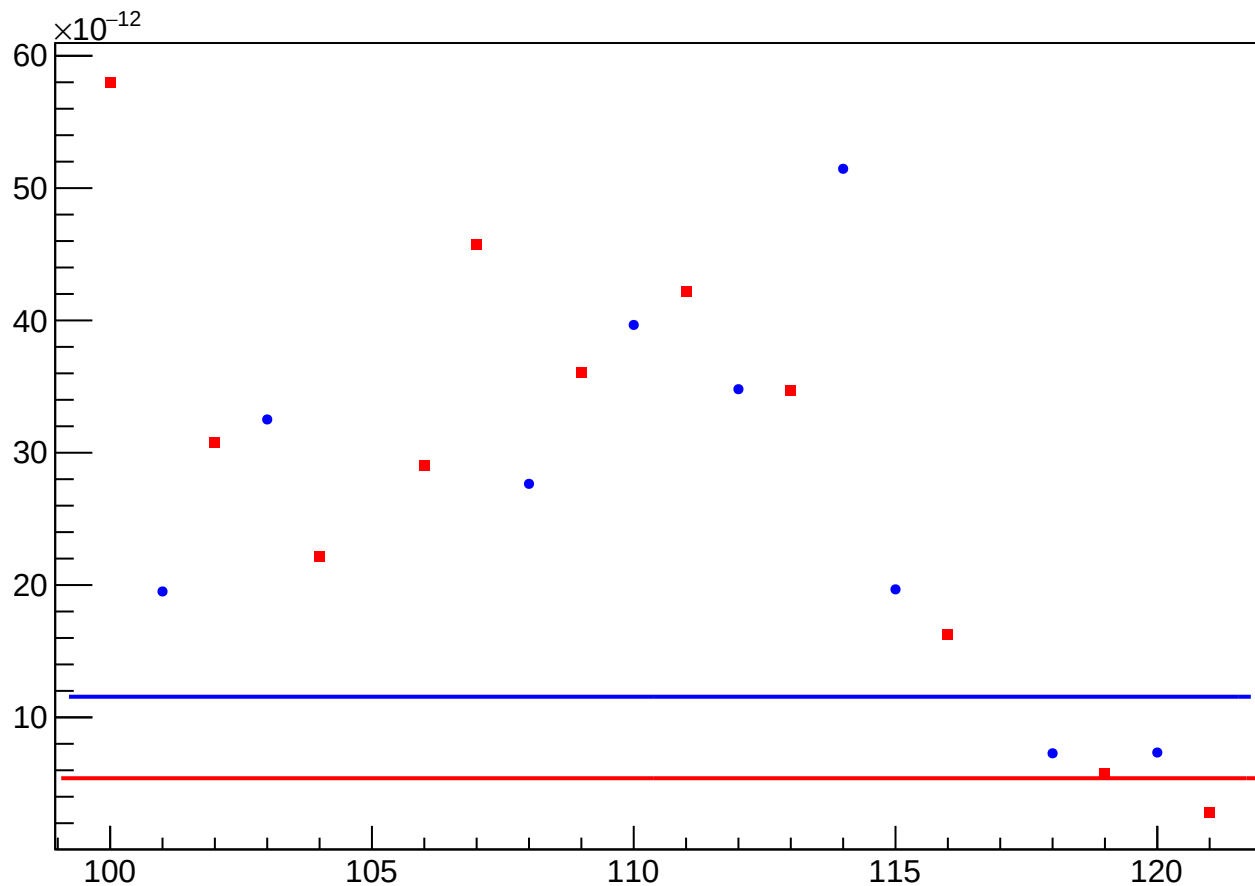
asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.0/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 12.9/19
 In: 0.000+/-0.000 χ^2/NDF :3.7/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 12.9/19

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1274648.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2495530.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

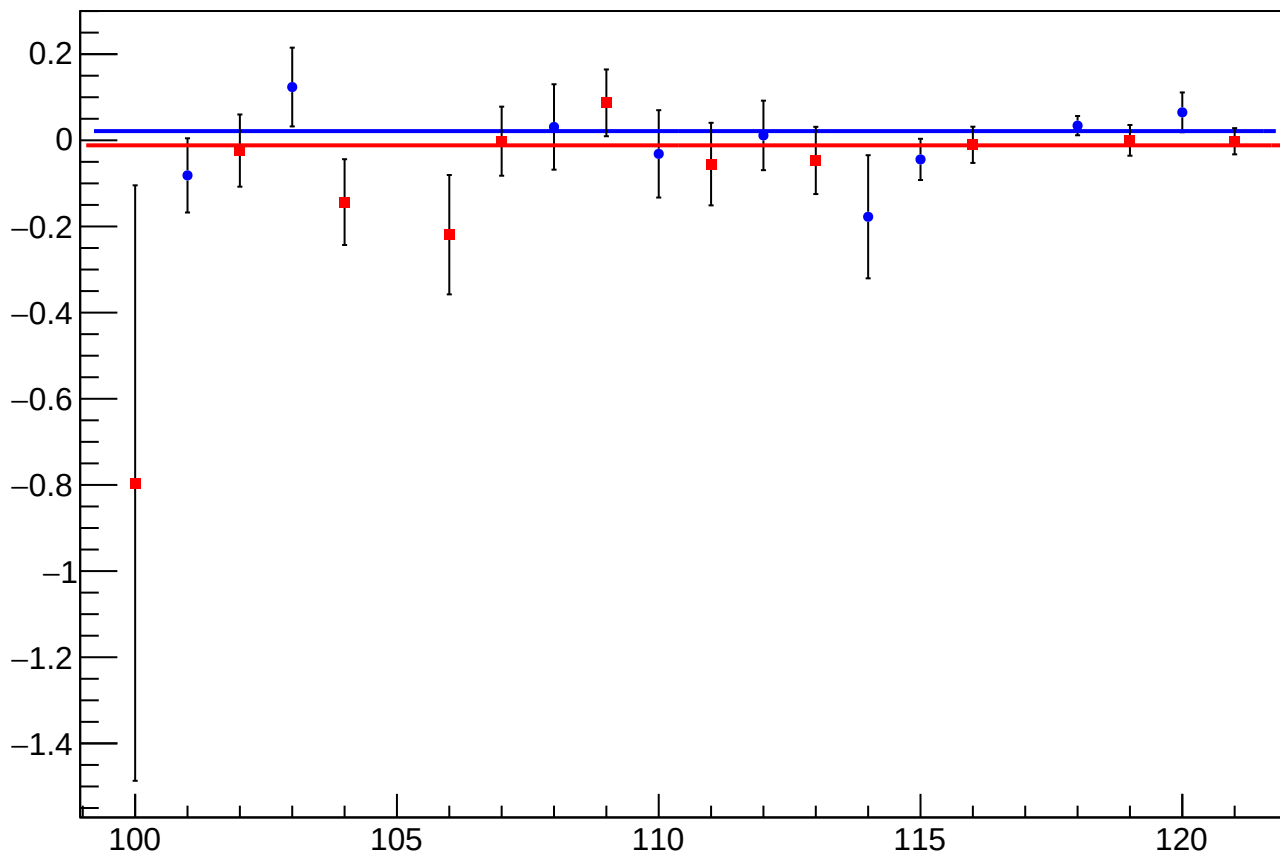
Right: 0.000+/-0.000 χ^2/NDF : 4275195.0/19

In: 0.000+/-0.000 χ^2/NDF : 1274648.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4275195.0/19

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.017 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

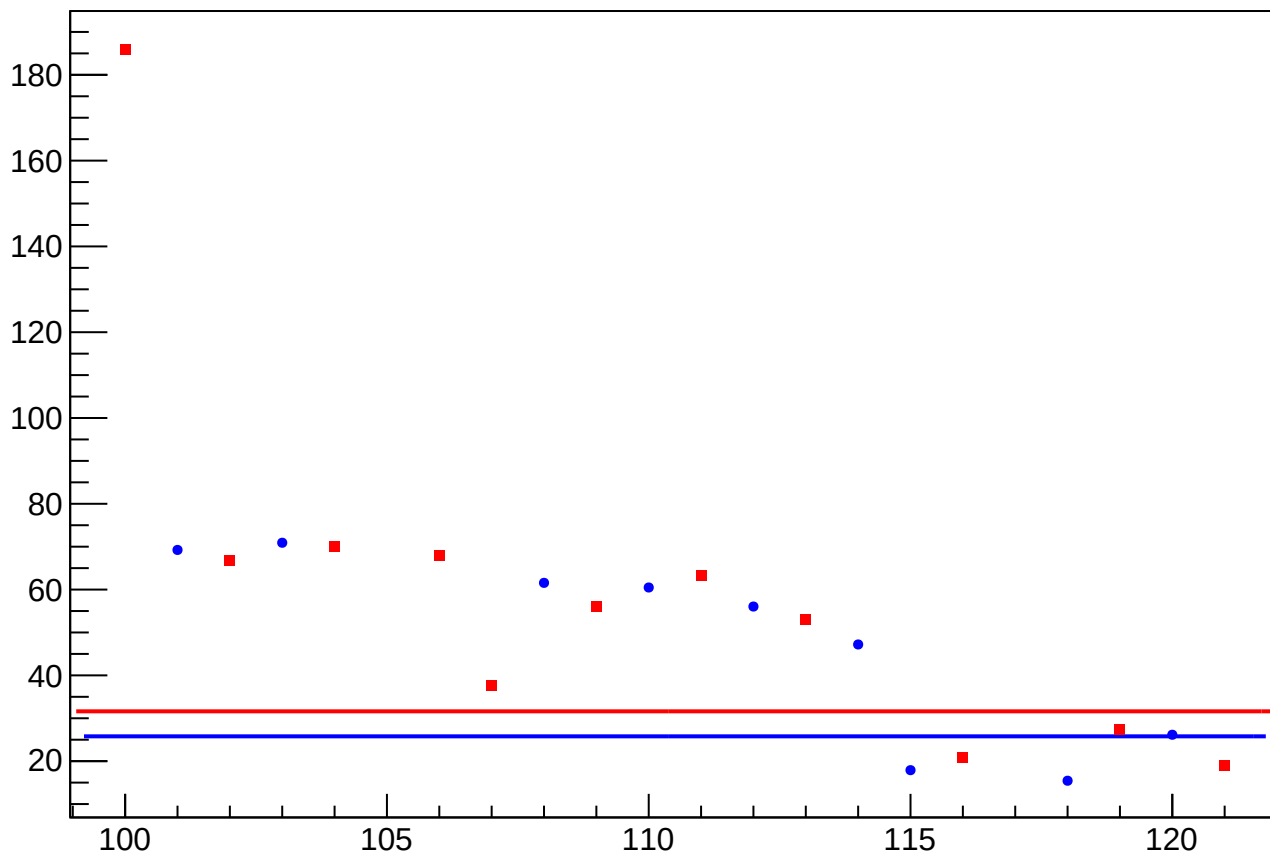
Right: 0.005+/-0.012 χ^2/NDF : 17.4/19

In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 17.4/19

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.618+/-0.012 χ^2/NDF : 1963899.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

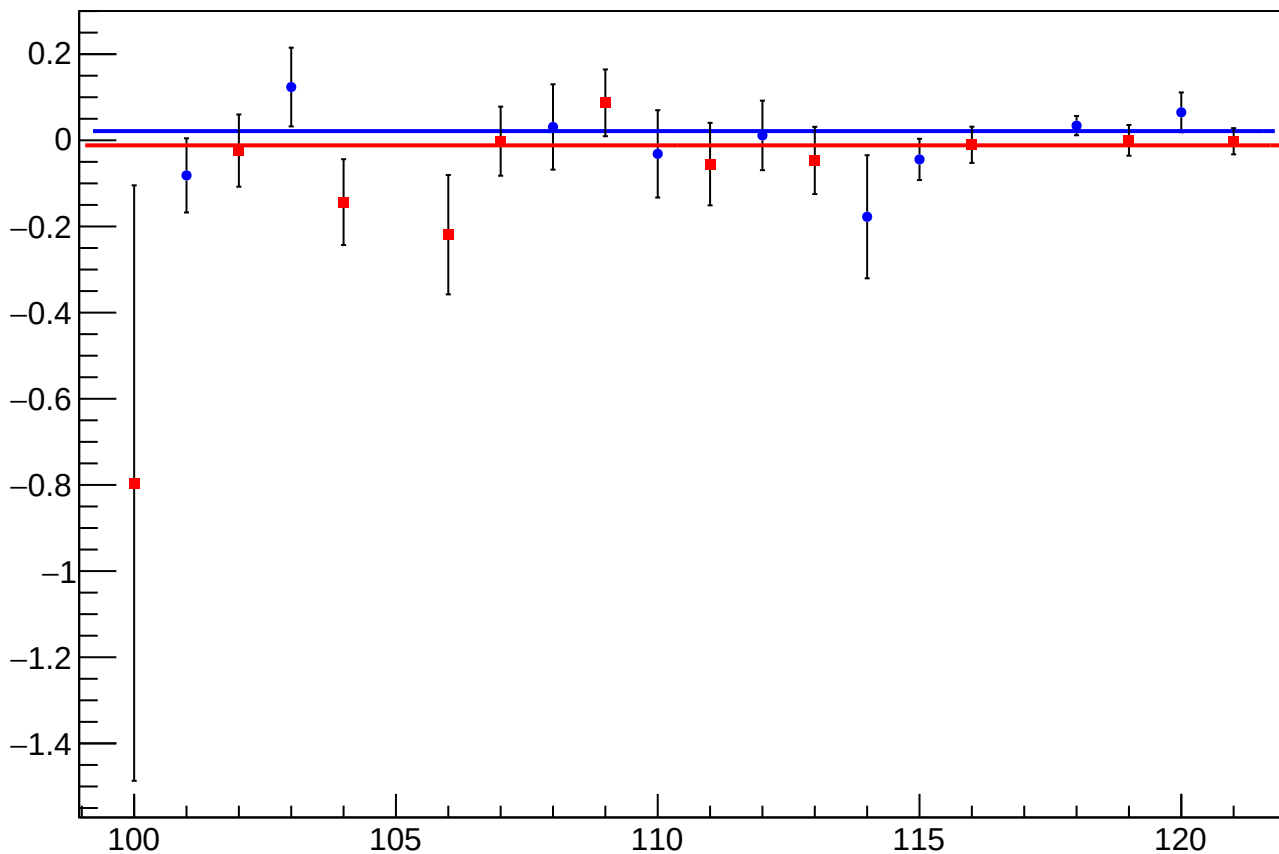
Right: 28.601+/-0.009 χ^2/NDF : 4381618.4/19

In: 25.786+/-0.012 χ^2/NDF :2300776.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.601+/-0.009 χ^2/NDF : 4381618.4/19

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.017 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

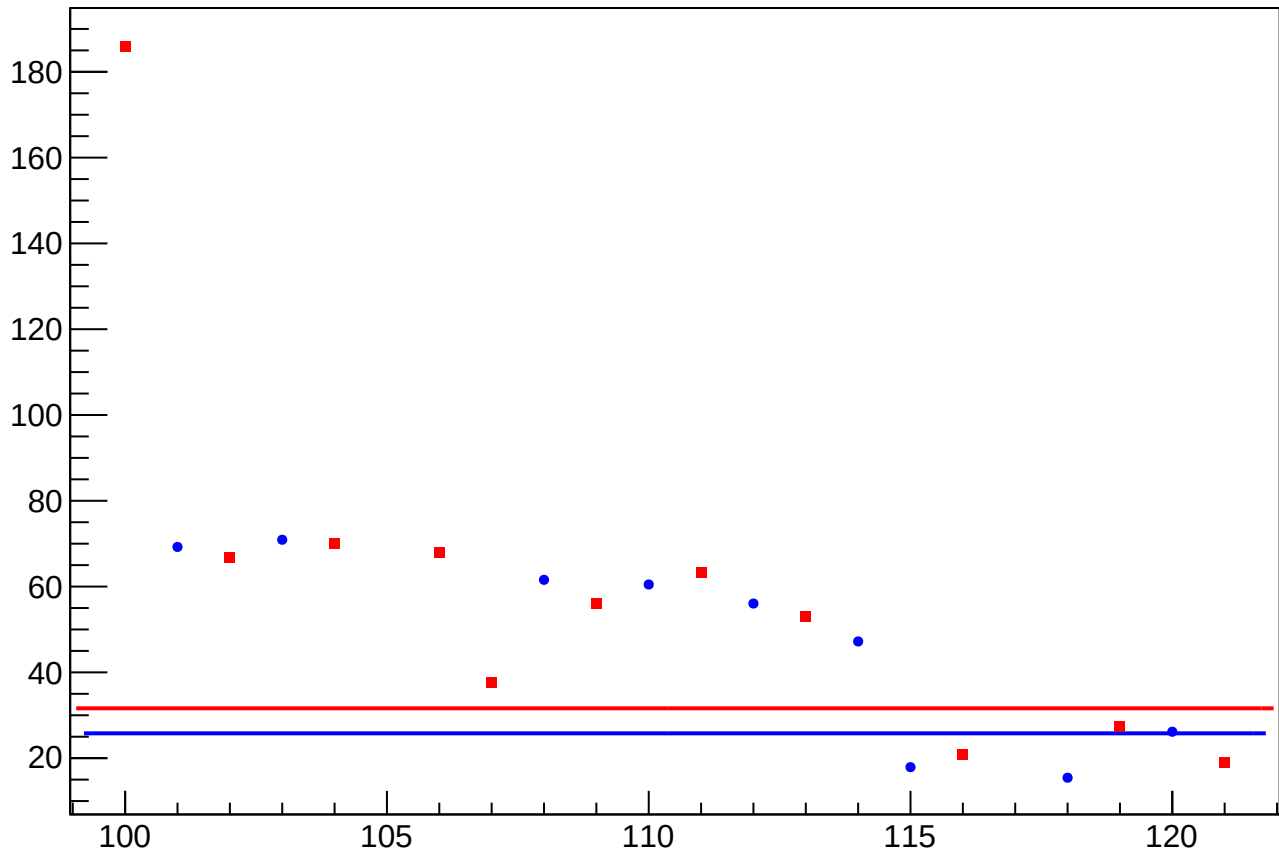
Right: 0.005+/-0.012 χ^2/NDF : 17.4/19

In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 17.4/19

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.618+/-0.012 χ^2/NDF : 1963899.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

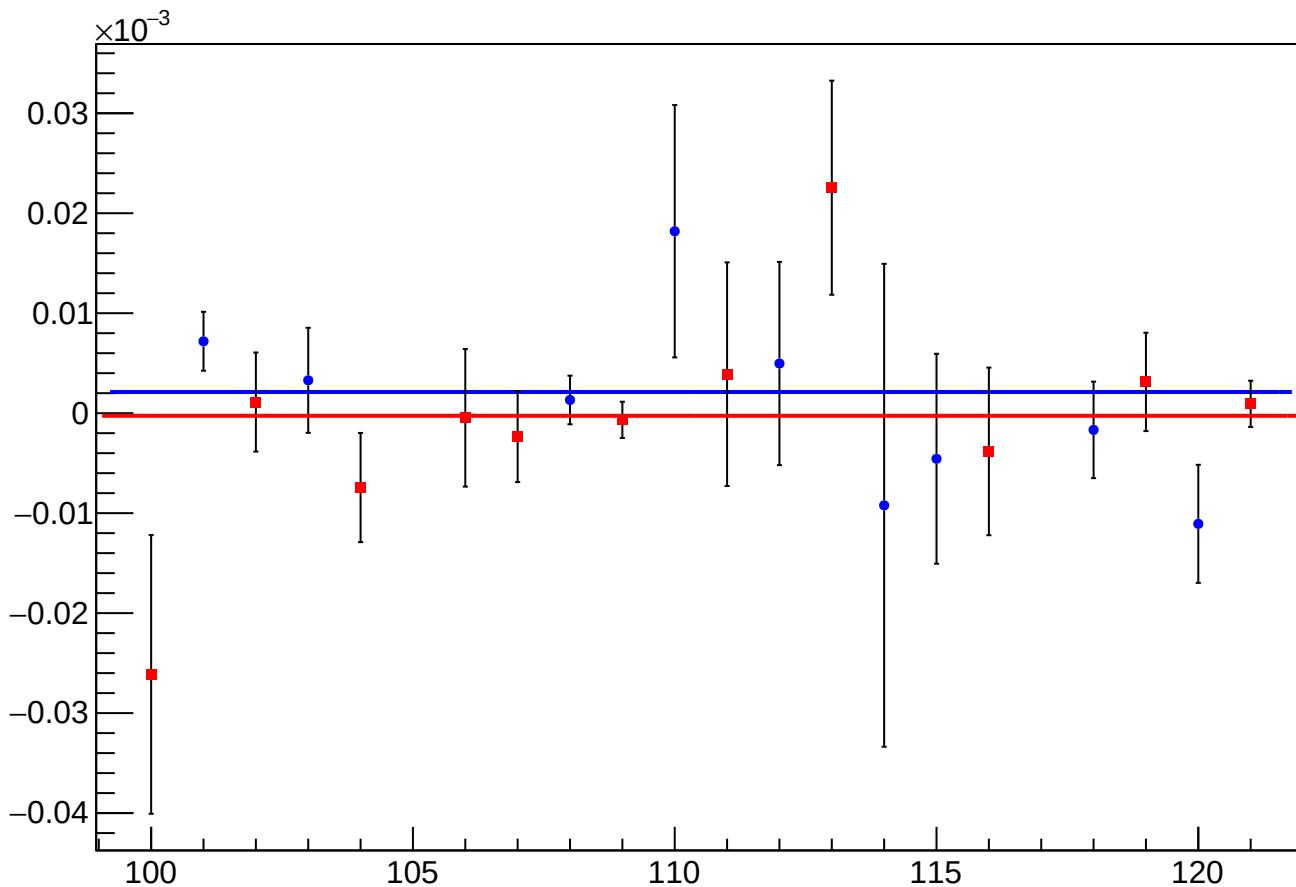
Right: 28.601+/-0.009 χ^2/NDF : 4381618.4/19

In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.601+/-0.009 χ^2/NDF : 4381618.4/19

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: 11.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

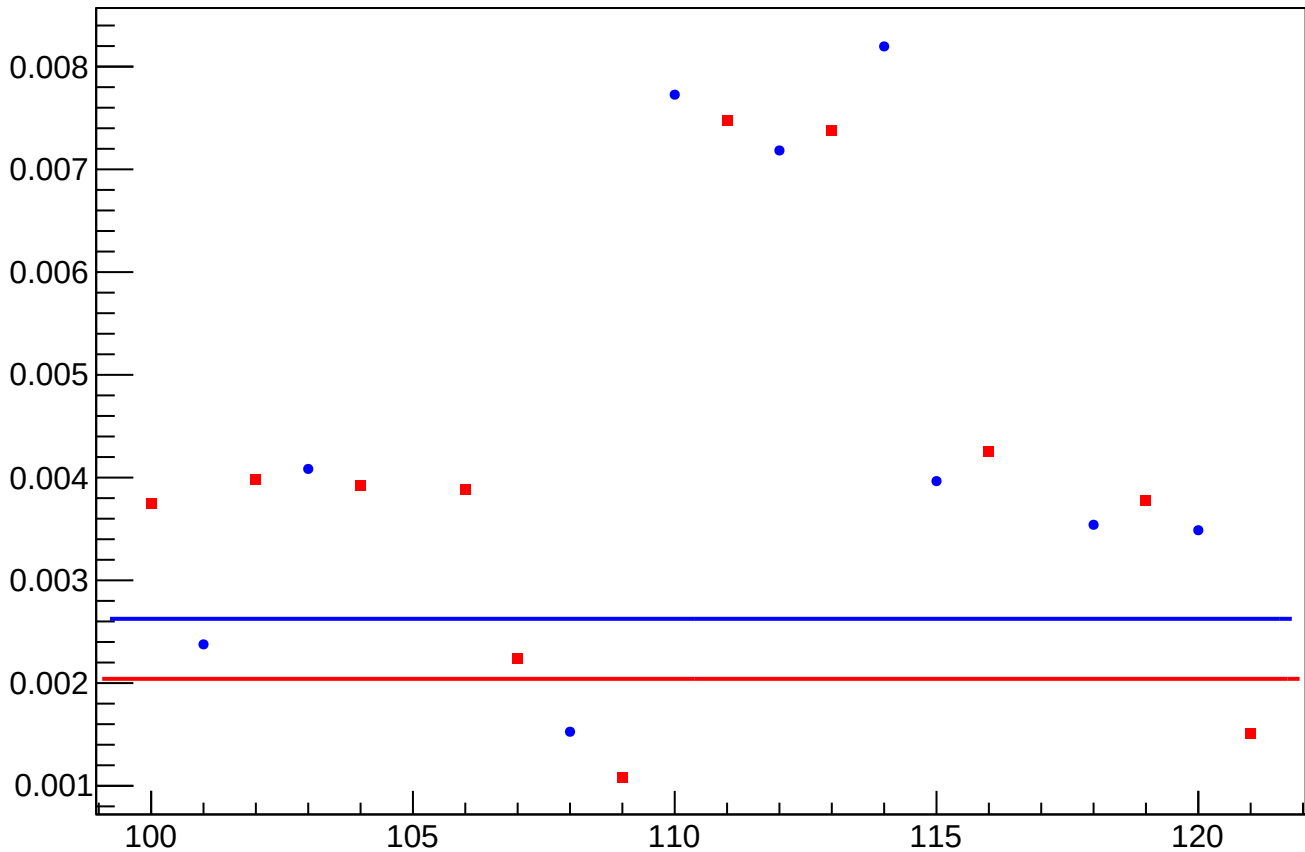
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.7/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.7/19

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1560253.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2748222.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

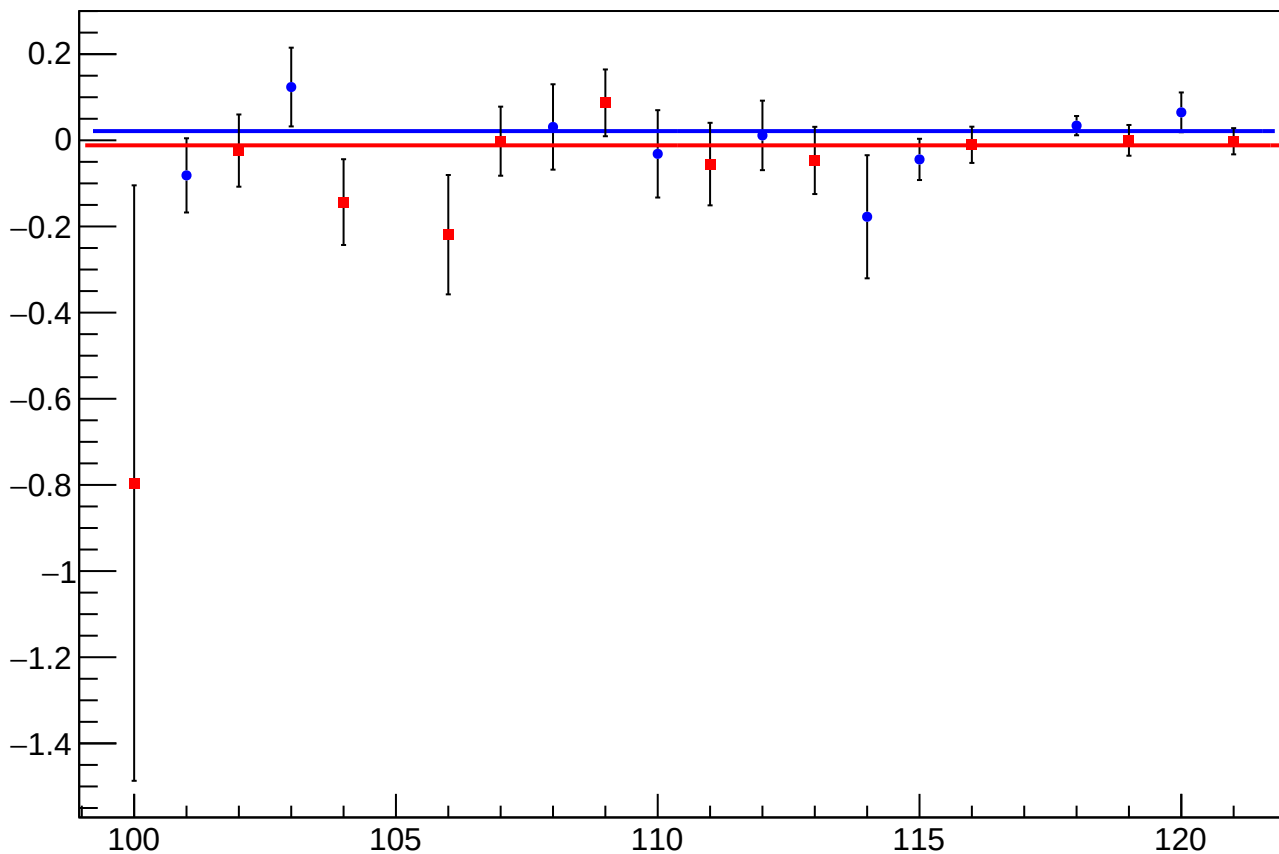
Right: 0.002+/-0.000 χ^2/NDF : 4488748.7/19

In: 0.003+/-0.000 χ^2/NDF : 1560253.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4488748.7/19

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.017 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

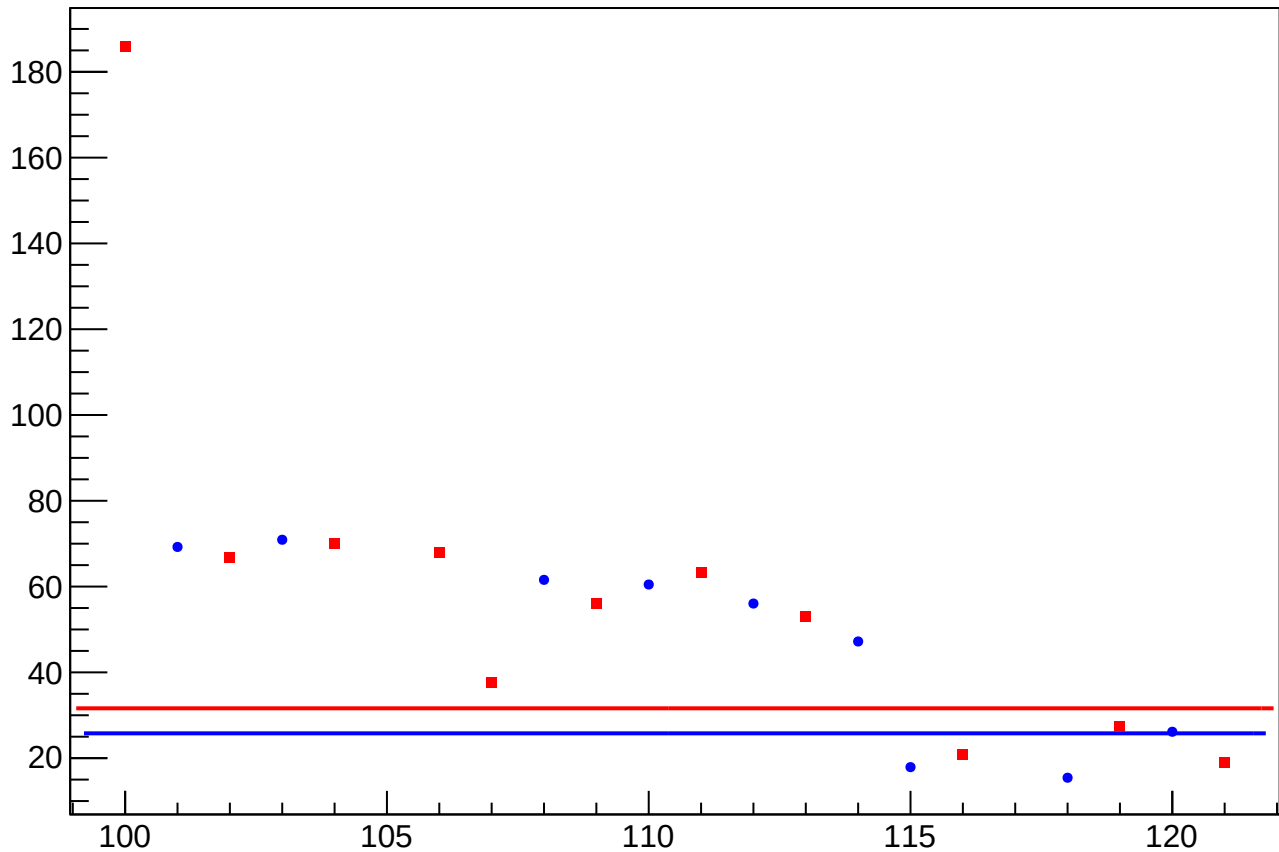
Right: 0.005+/-0.012 χ^2/NDF : 17.4/19

In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 17.4/19

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.618+/-0.012 χ^2/NDF : 1963727.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

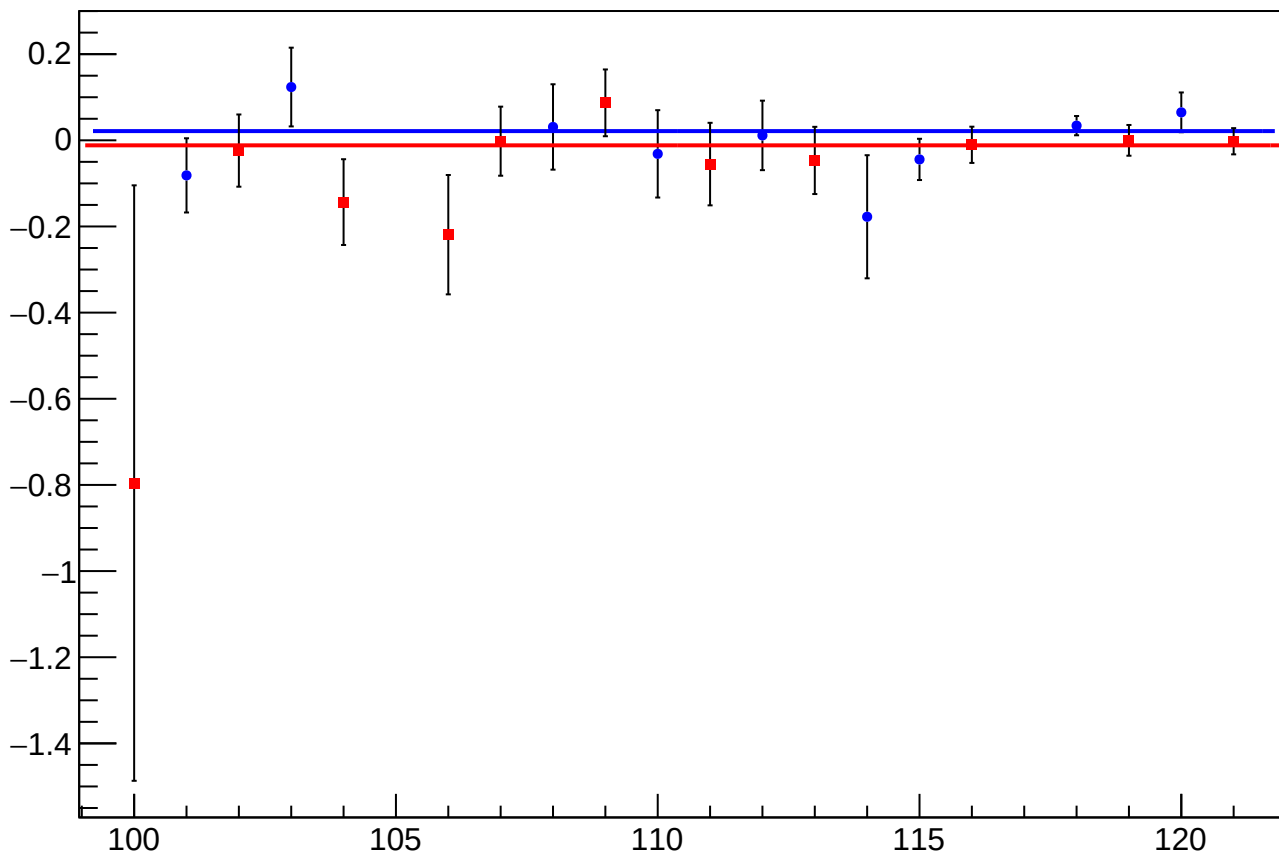
Right: 28.600+/-0.009 χ^2/NDF : 4381664.2/19

In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.600+/-0.009 χ^2/NDF : 4381664.2/19

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.017 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

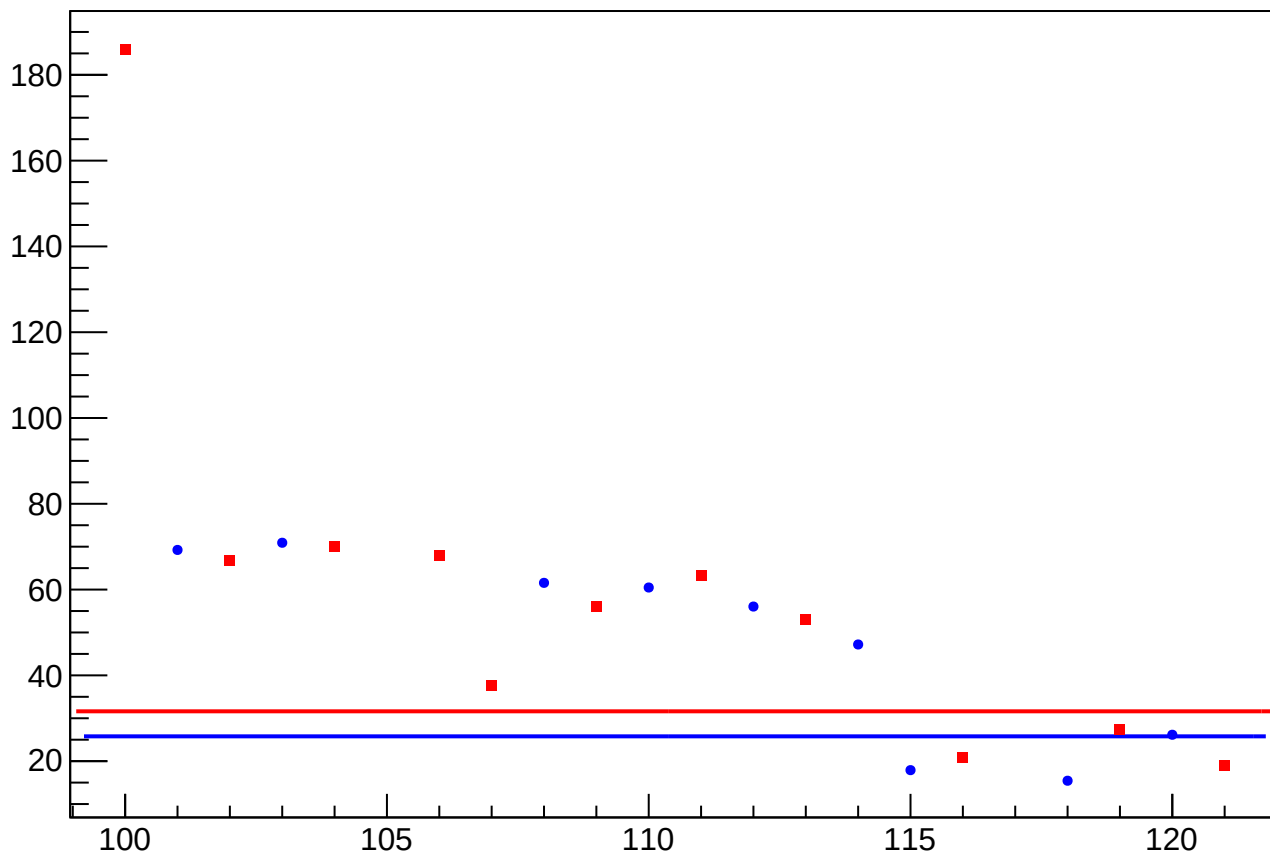
Right: 0.005+/-0.012 χ^2/NDF : 17.4/19

In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 17.4/19

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.618+/-0.012 χ^2/NDF : 1963727.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

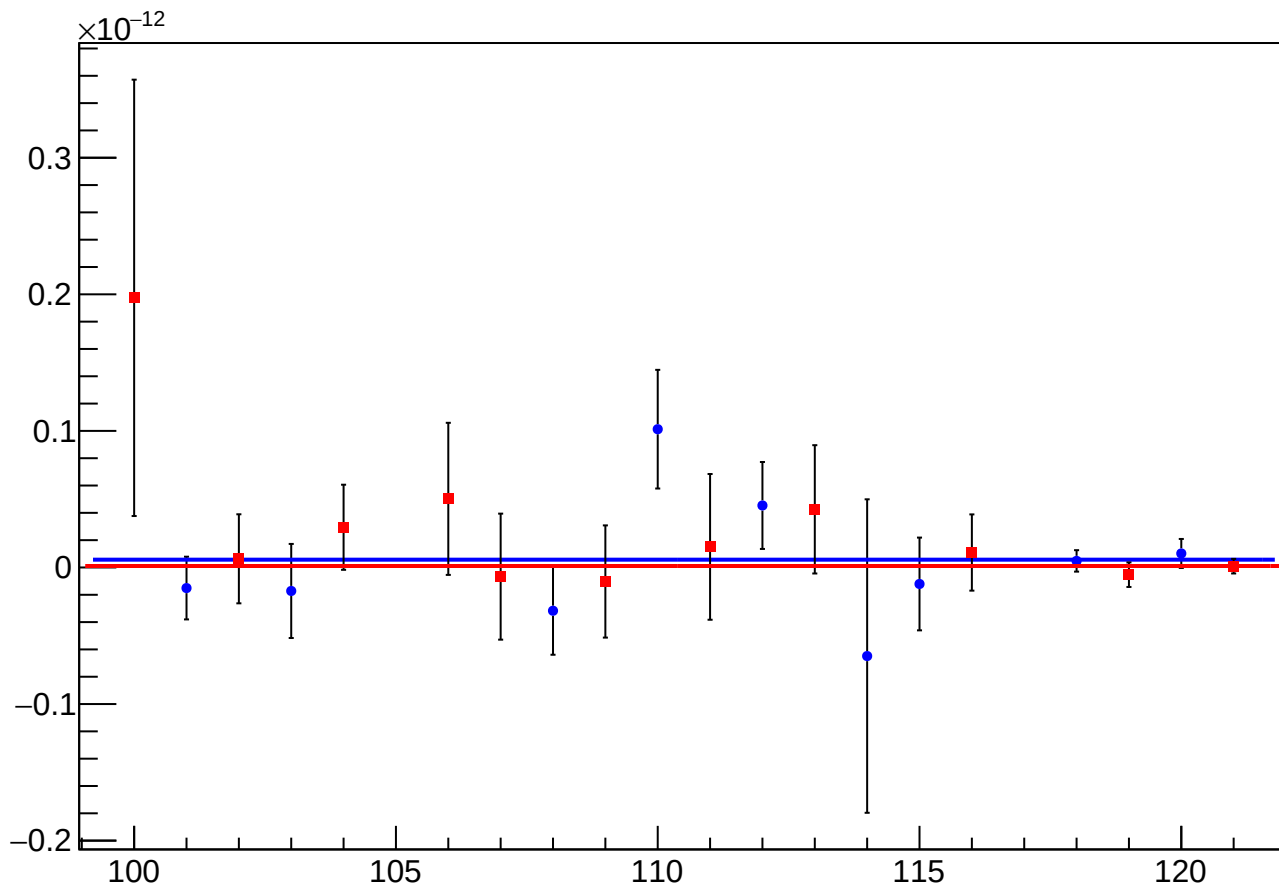
Right: 28.600+/-0.009 χ^2/NDF : 4381664.2/19

In: 25.784+/-0.012 χ^2/NDF :2300889.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.600+/-0.009 χ^2/NDF : 4381664.2/19

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

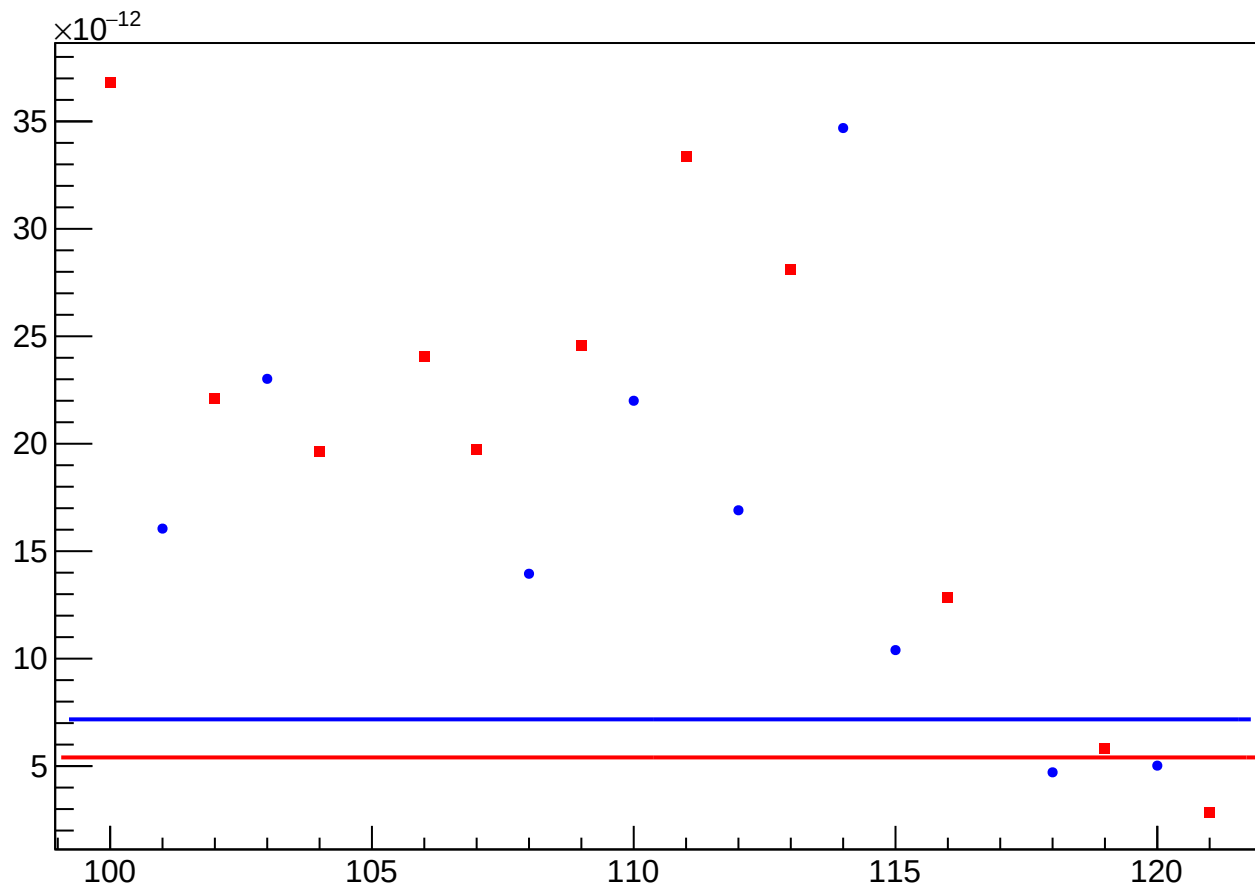
Right: 0.000+/-0.000 χ^2/NDF : 15.0/19

In: 0.000+/-0.000 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/19

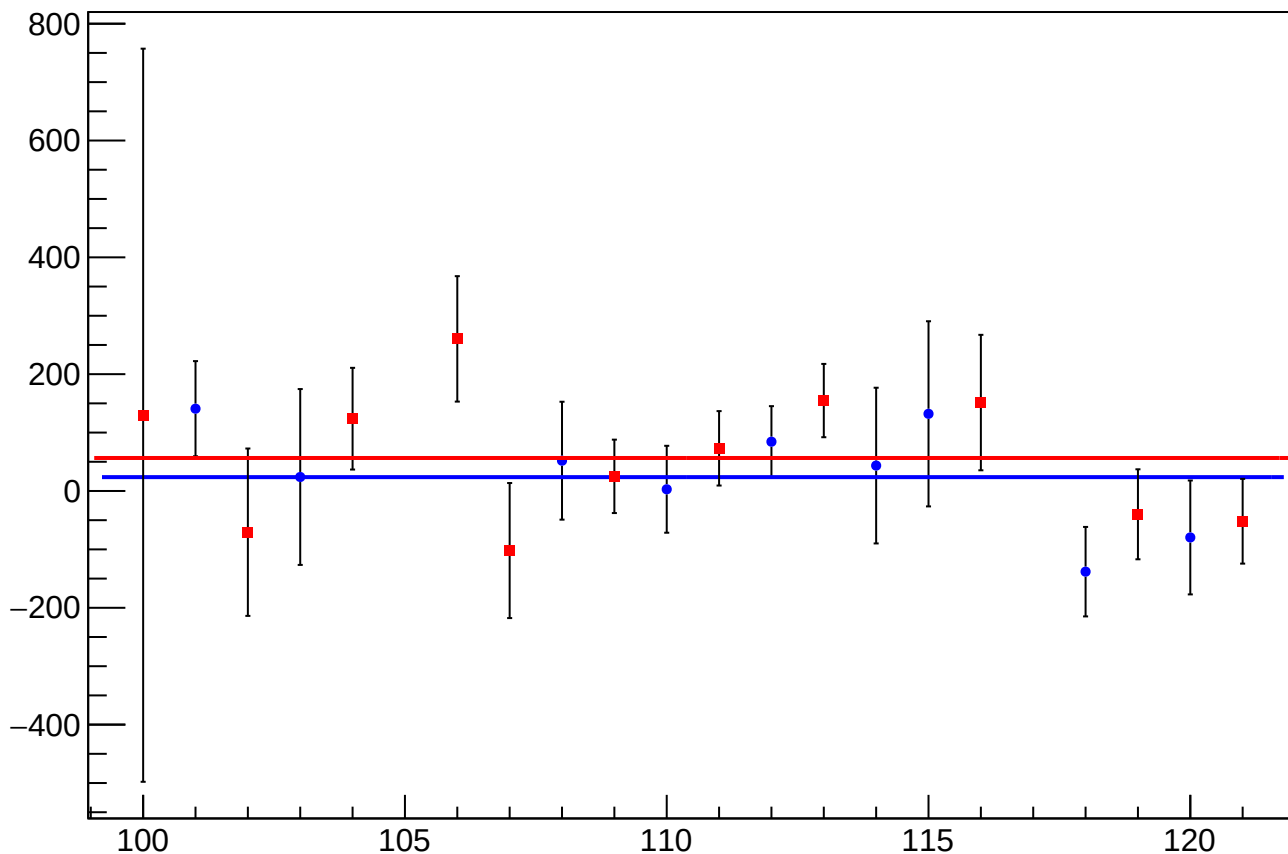
asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1642874.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 3504648.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 5271015.9/19
 In: 0.000+/-0.000 χ^2/NDF : 1642874.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 5271015.9/19

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.713+/-29.949 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.496+/-25.557 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

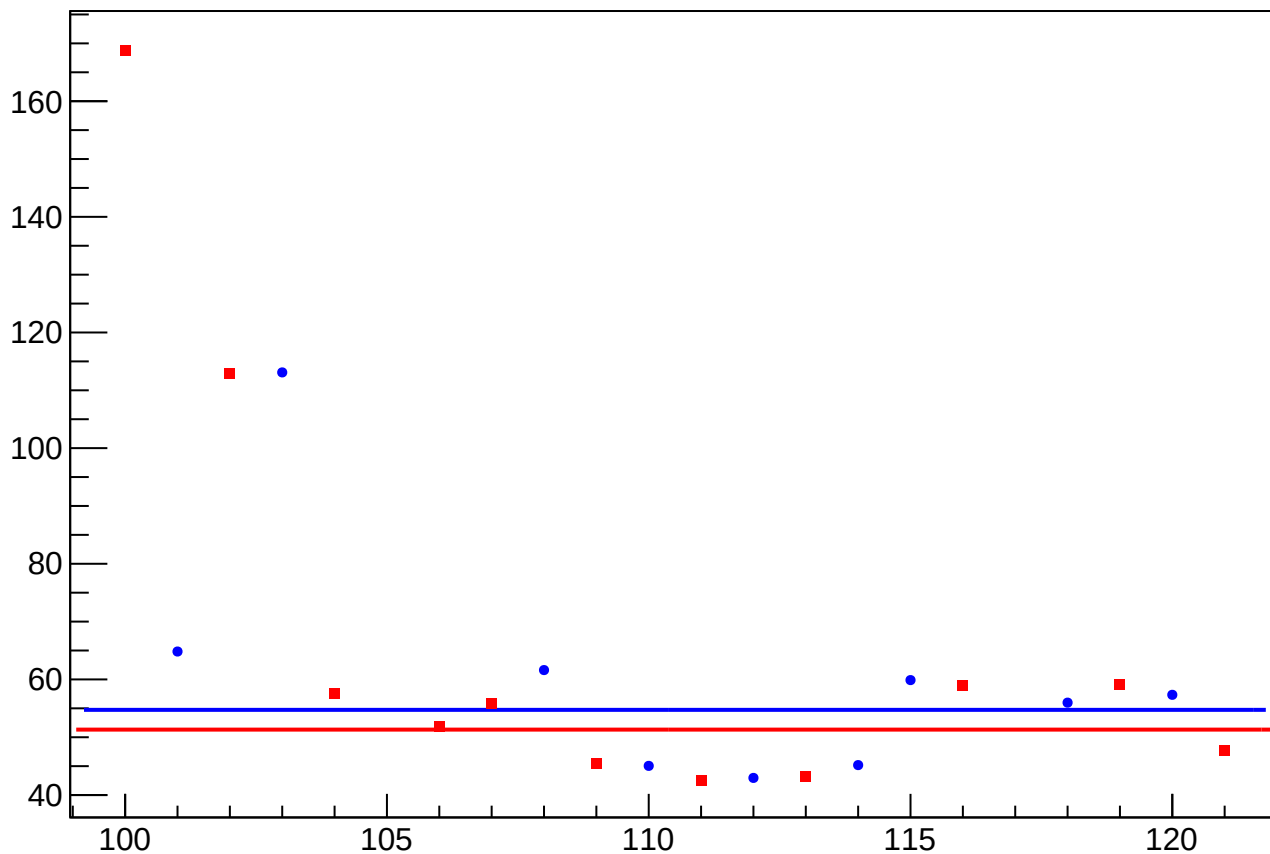
Right: 42.682+/-19.441 χ^2/NDF : 24.1/19

In: 23.713+/-29.949 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.682+/-19.441 χ^2/NDF : 24.1/19

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.737+/-0.021 χ^2/NDF : 463444.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.320+/-0.018 χ^2/NDF : 577016.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

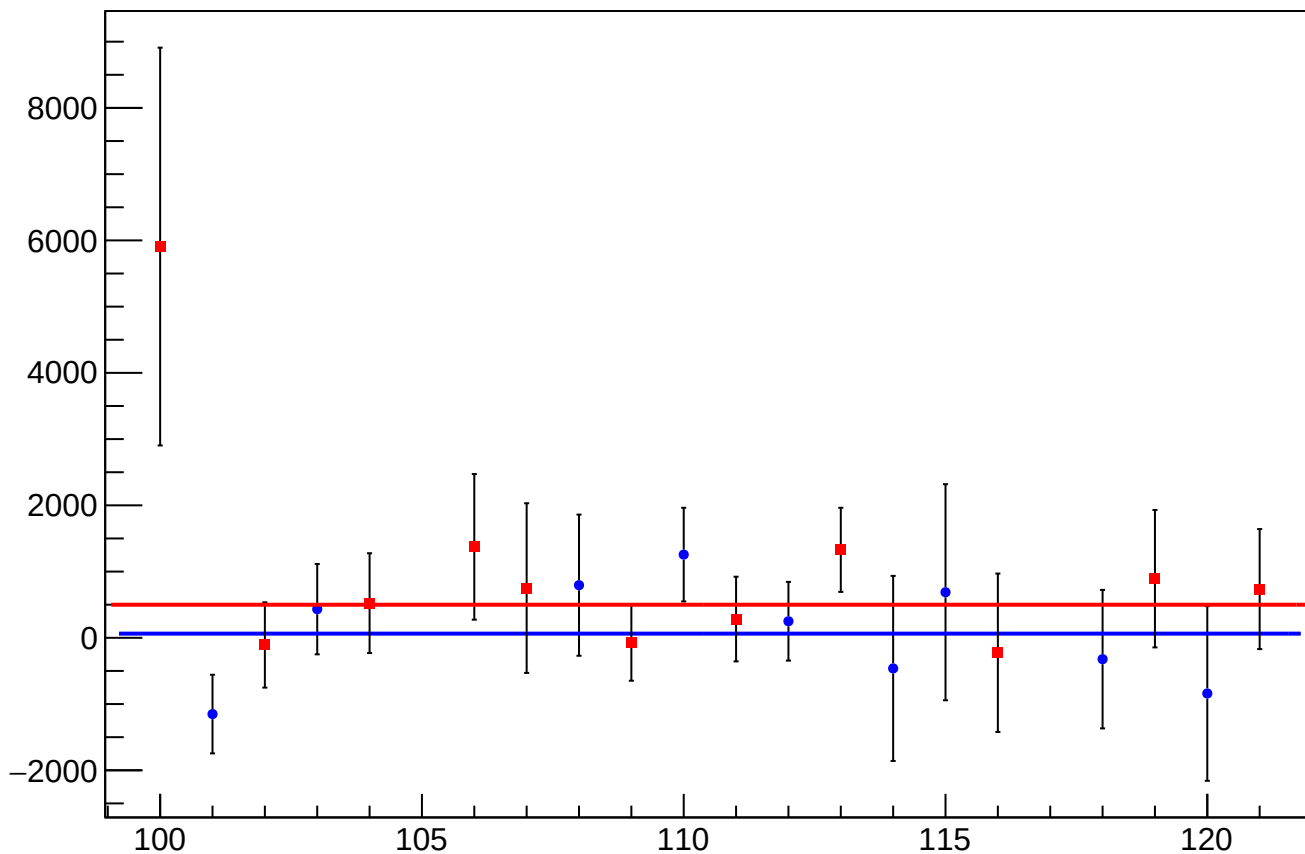
Right: 52.760+/-0.014 χ^2/NDF : 1055522.4/19

In: 54.737+/-0.021 χ^2/NDF : 463444.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.760+/-0.014 χ^2/NDF : 1055522.4/19

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 63.124+/-276.514 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.358+/-246.063 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

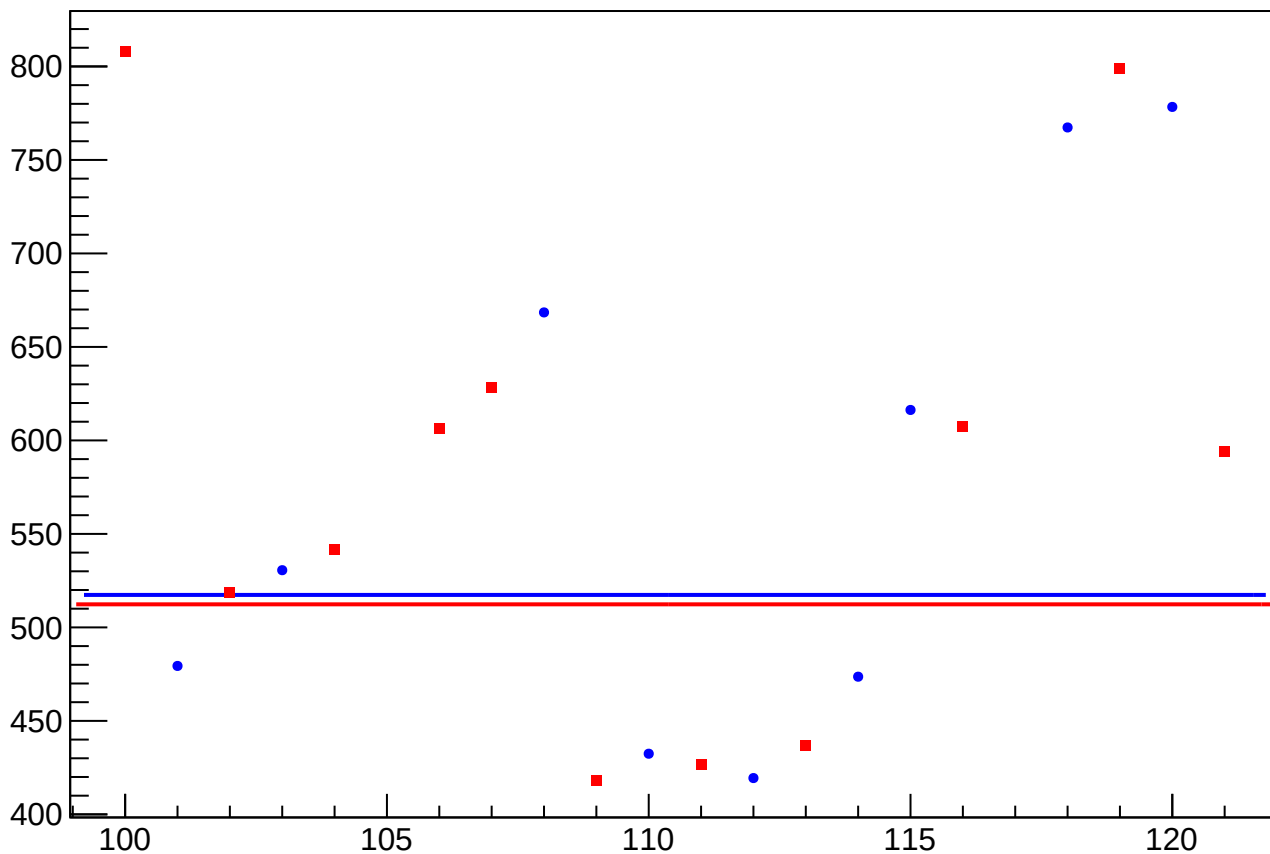
Right: 306.575+/-183.820 χ^2/NDF : 18.4/19

In: 63.124+/-276.514 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.575+/-183.820 χ^2/NDF : 18.4/19

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 517.369+/-0.196 χ^2/NDF : 334350.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.334+/-0.174 χ^2/NDF : 352633.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

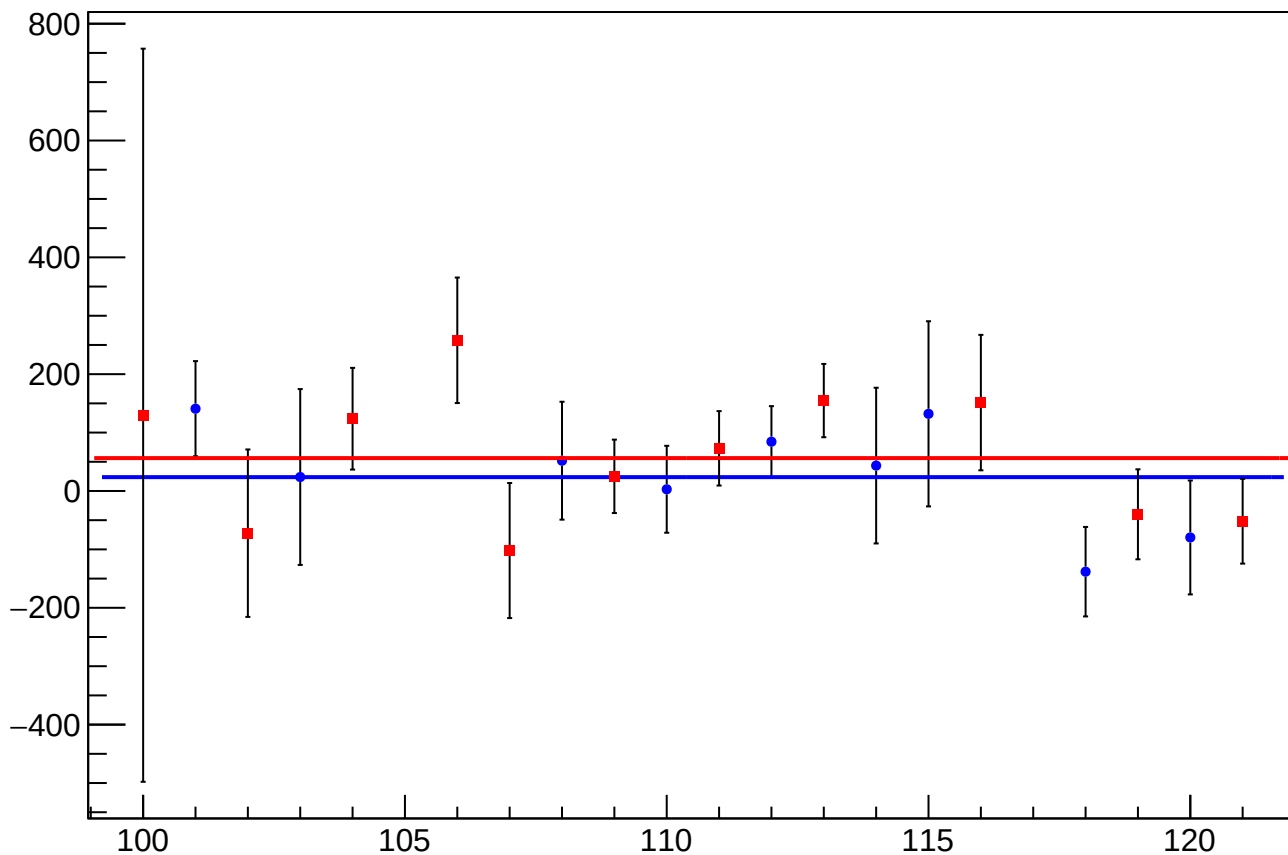
Right: 514.559+/-0.130 χ^2/NDF : 687354.1/19

In: 517.369+/-0.196 χ^2/NDF : 334350.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.559+/-0.130 χ^2/NDF : 687354.1/19

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.295+/-25.559 χ^2/NDF : 14.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

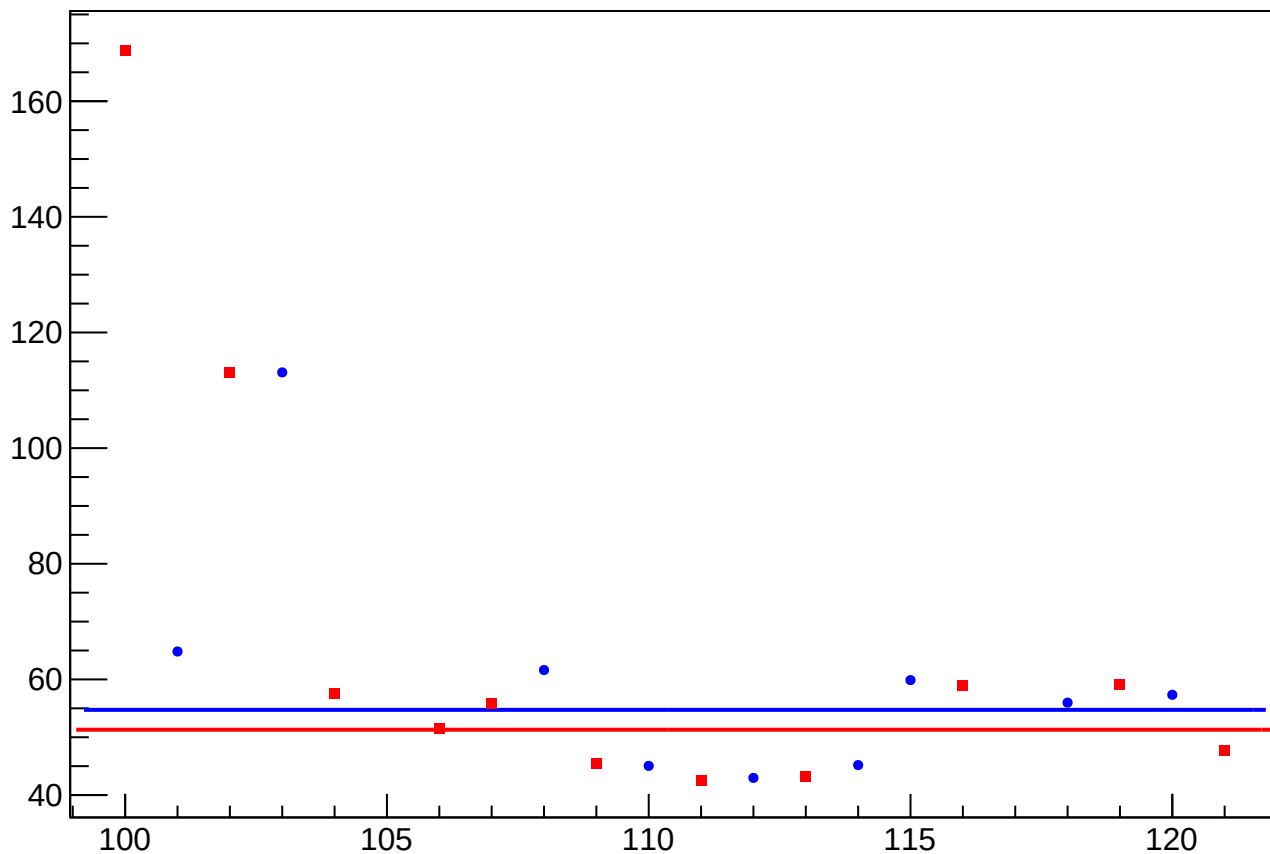
Right: 42.562+/-19.442 χ^2/NDF : 24.0/19

In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.562+/-19.442 χ^2/NDF : 24.0/19

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.737 $\pm$ 0.021 χ^2 /NDF: 463446.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.302 $\pm$ 0.018 χ^2 /NDF: 577211.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

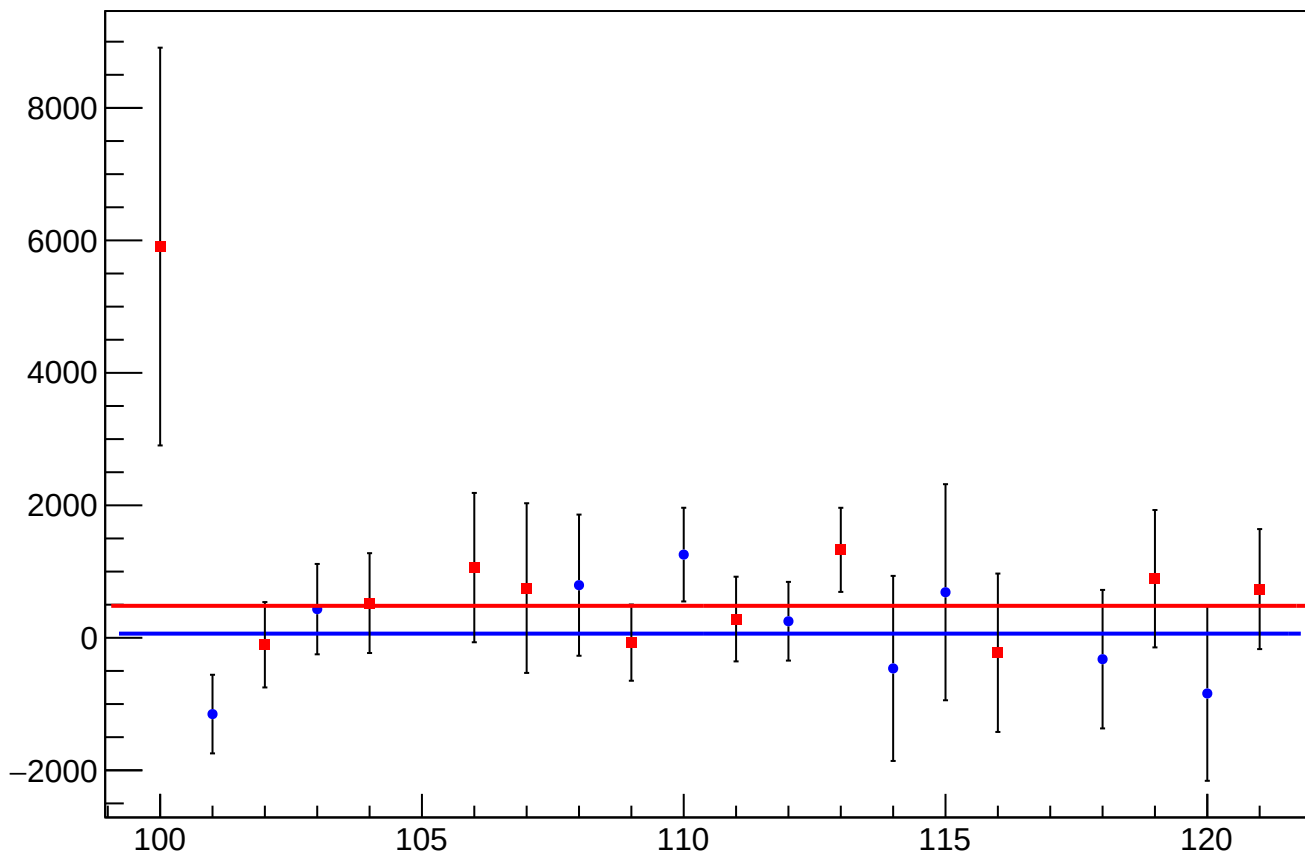
Right: 52.750 $\pm$ 0.014 χ^2 /NDF: 1055873.6/19

In: 54.737 $\pm$ 0.021 χ^2 /NDF: 463446.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.750 $\pm$ 0.014 χ^2 /NDF: 1055873.6/19

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.920+/-246.402 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

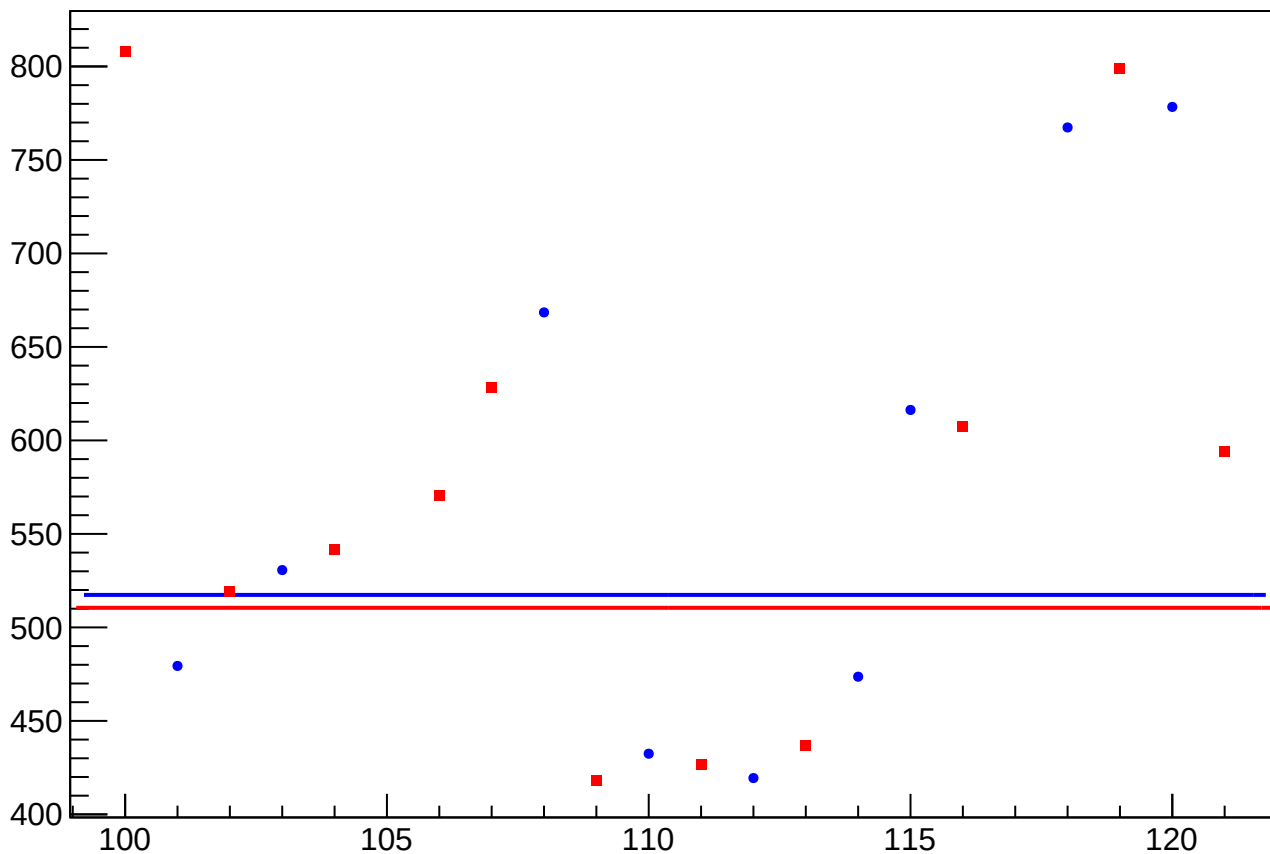
Right: 297.140+/-183.962 χ^2/NDF : 17.9/19

In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.140+/-183.962 χ^2/NDF : 17.9/19

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.476+/-0.174 χ^2/NDF : 343338.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

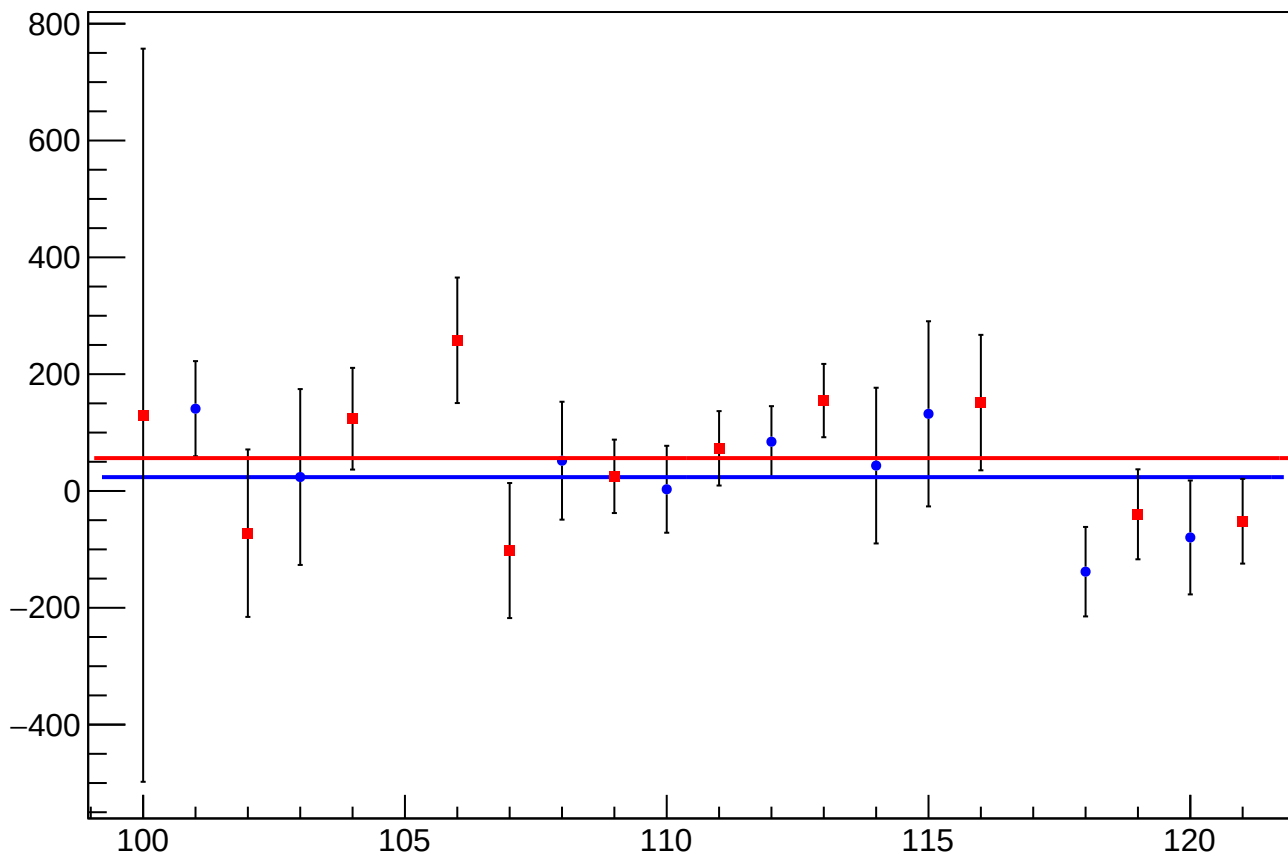
Right: 513.531+/-0.130 χ^2/NDF : 678388.8/19

In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.531+/-0.130 χ^2/NDF : 678388.8/19

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.295+/-25.559 χ^2/NDF : 14.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

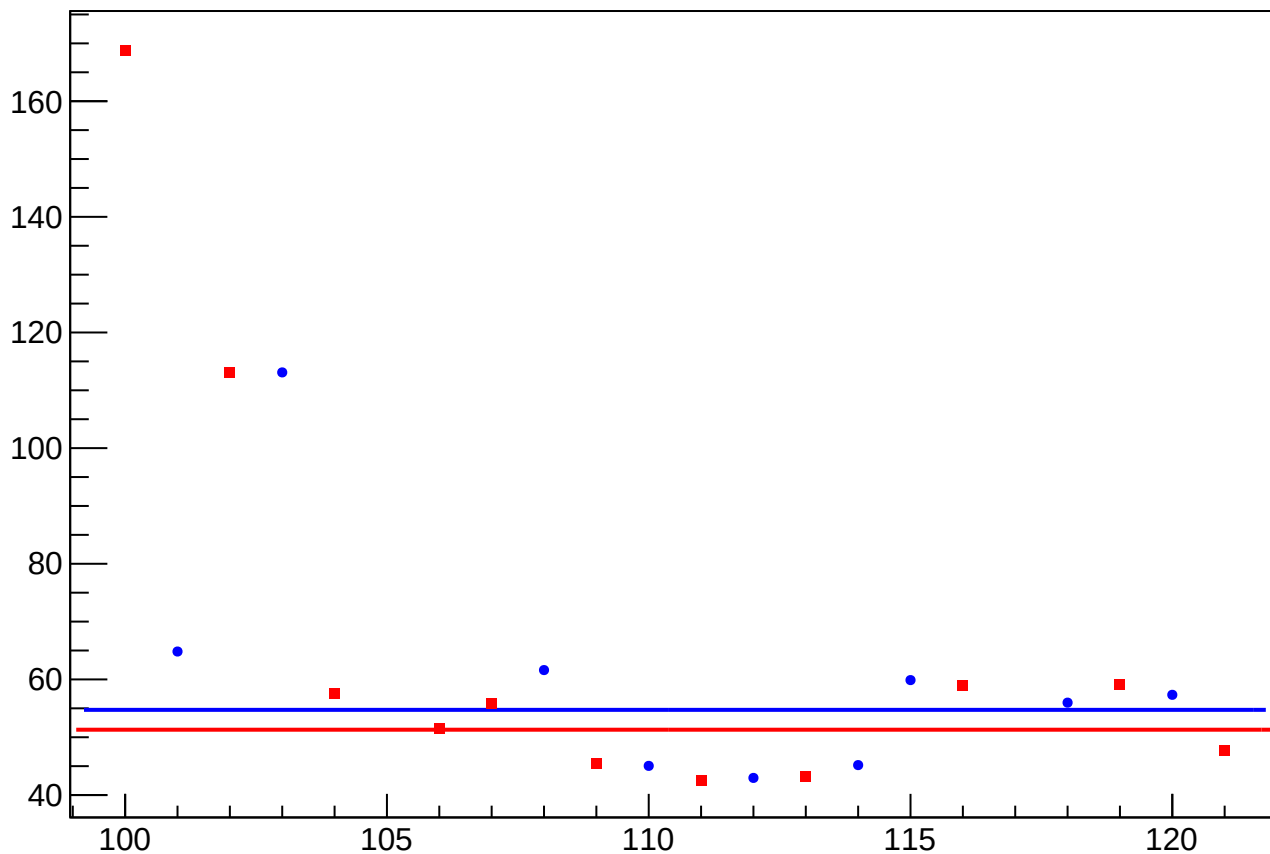
Right: 42.562+/-19.442 χ^2/NDF : 24.0/19

In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.562+/-19.442 χ^2/NDF : 24.0/19

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.737 $\pm$ 0.021 χ^2 /NDF: 463446.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.302 $\pm$ 0.018 χ^2 /NDF: 577211.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

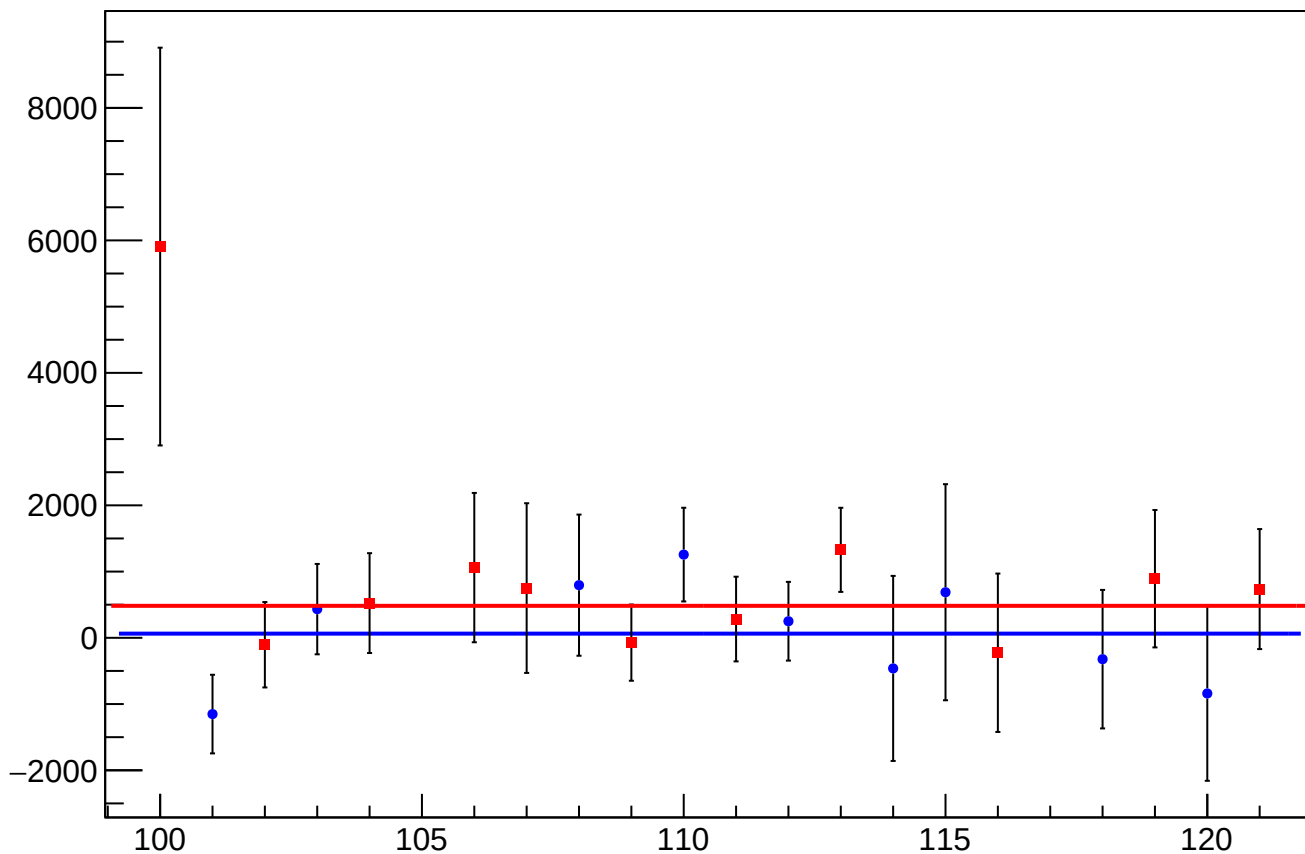
Right: 52.750 $\pm$ 0.014 χ^2 /NDF: 1055873.6/19

In: 54.737 $\pm$ 0.021 χ^2 /NDF:463446.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.750 $\pm$ 0.014 χ^2 /NDF: 1055873.6/19

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.920+/-246.402 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

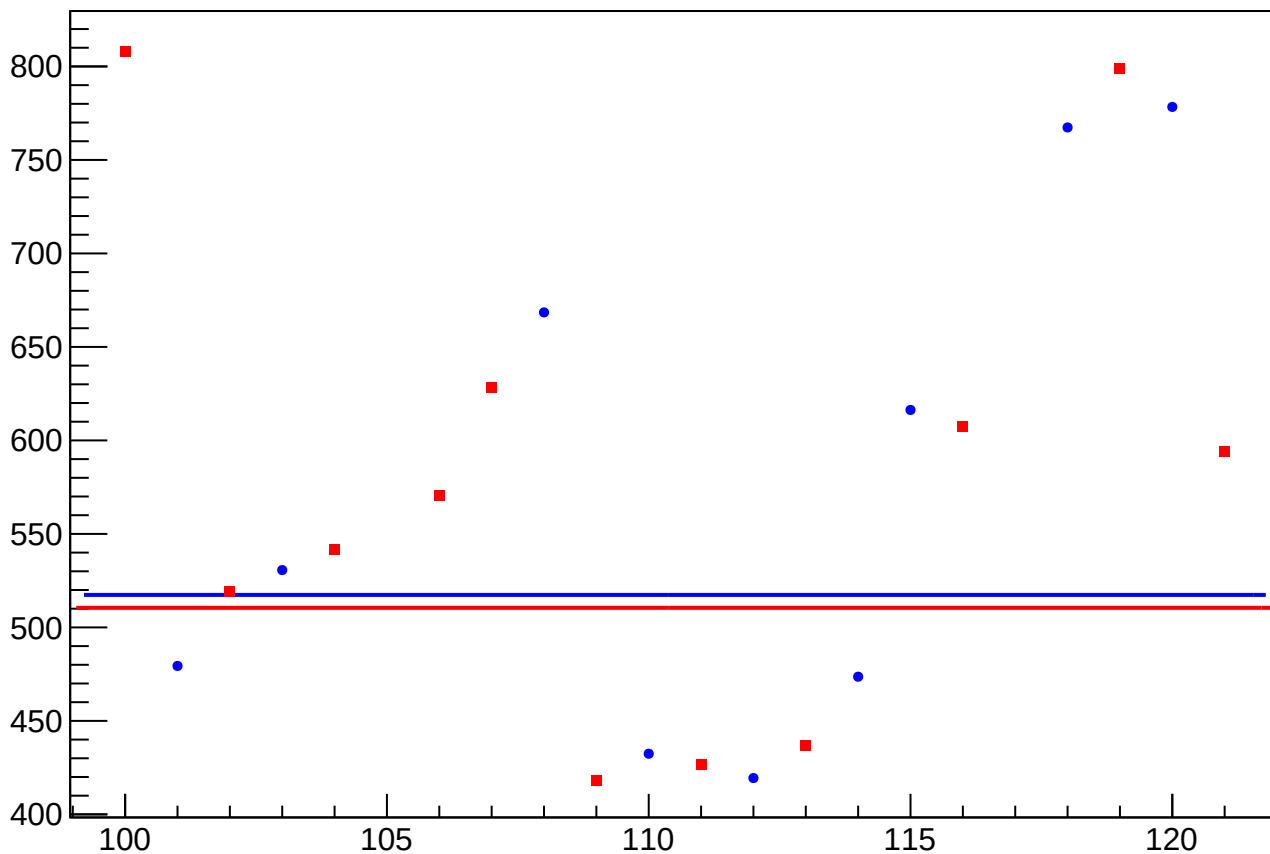
Right: 297.140+/-183.962 χ^2/NDF : 17.9/19

In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.140+/-183.962 χ^2/NDF : 17.9/19

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.476+/-0.174 χ^2/NDF : 343338.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

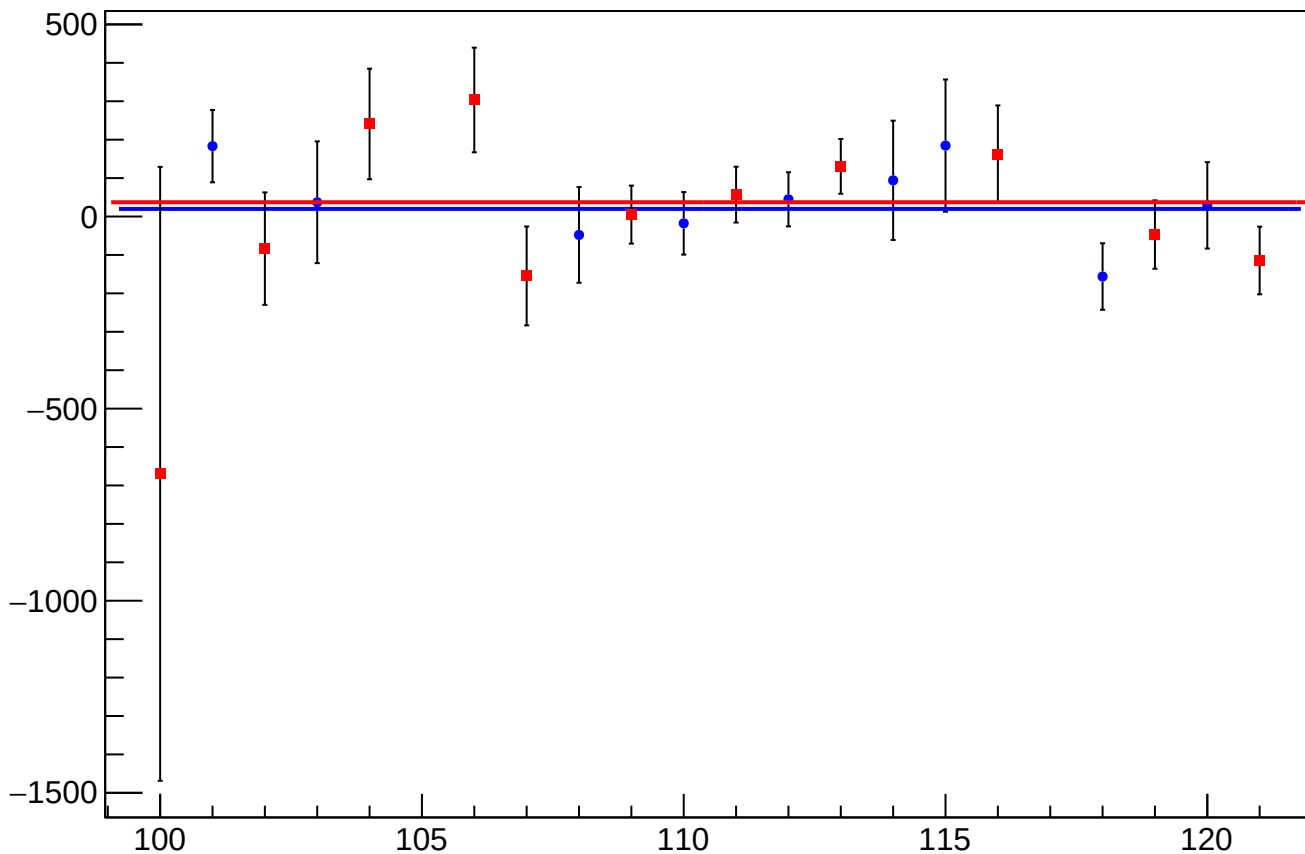
Right: 513.531+/-0.130 χ^2/NDF : 678388.8/19

In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.531+/-0.130 χ^2/NDF : 678388.8/19

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 19.839+/-34.152 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.138+/-30.290 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

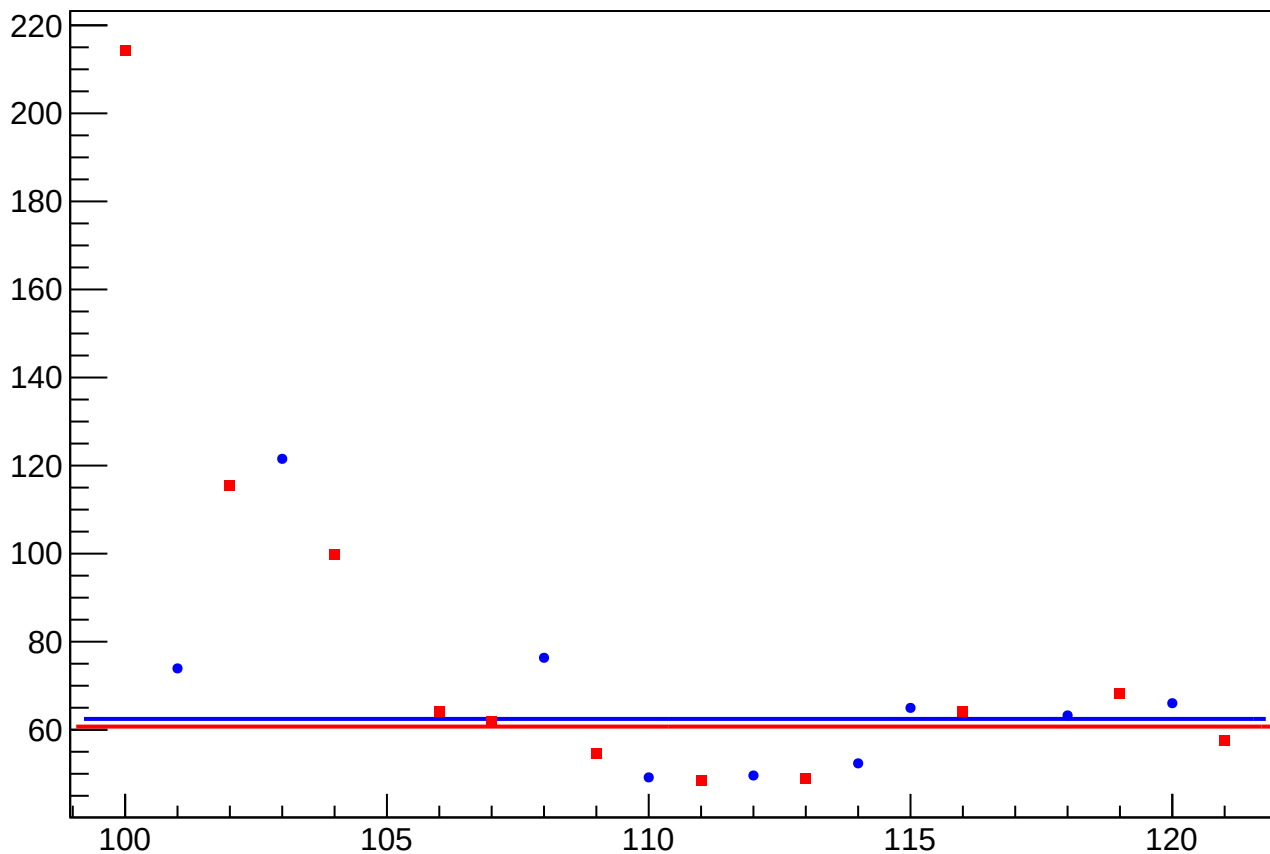
Right: 29.522+/-22.661 χ^2/NDF : 25.4/19

In: 19.839+/-34.152 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.522+/-22.661 χ^2/NDF : 25.4/19

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.461+/-0.024 χ^2/NDF : 463418.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.718+/-0.021 χ^2/NDF : 646759.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

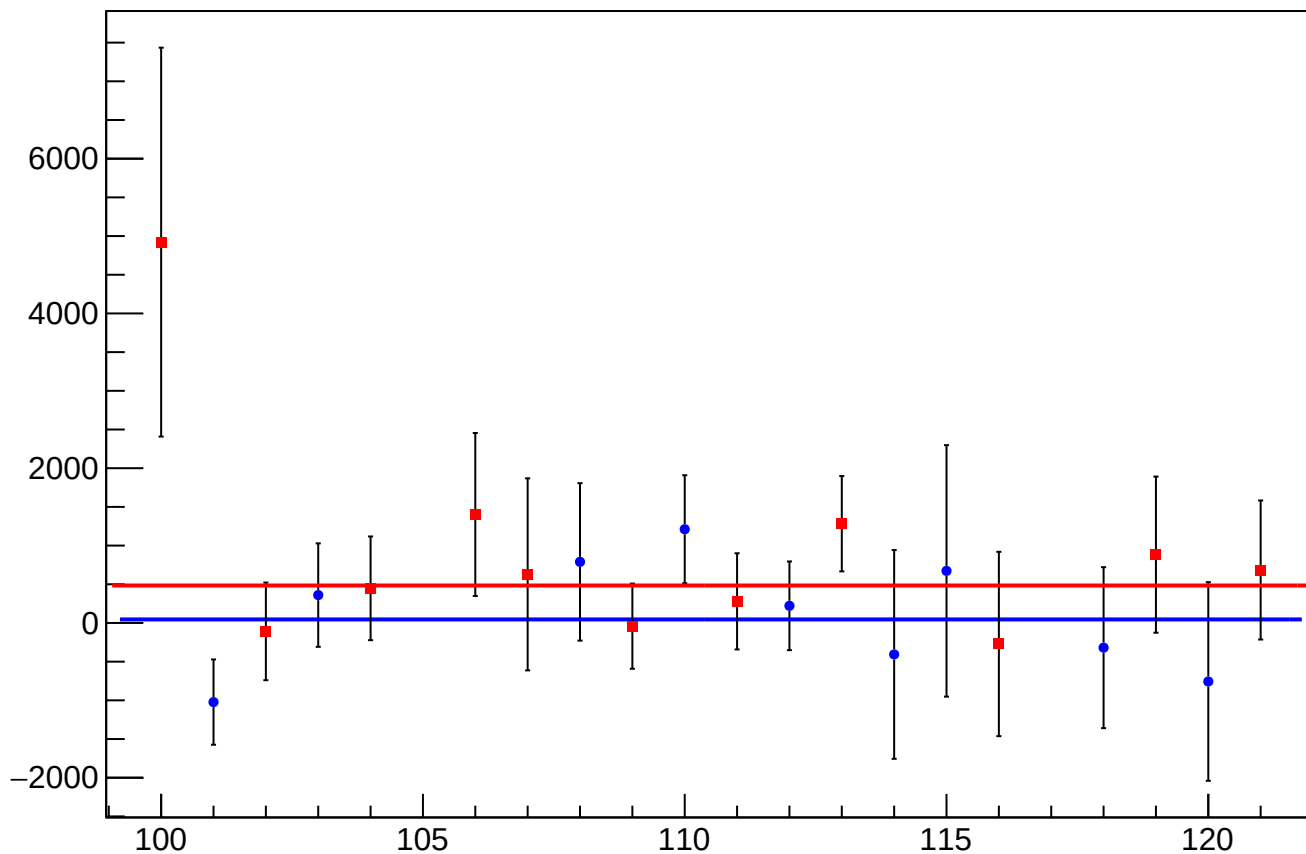
Right: 61.486+/-0.016 χ^2/NDF : 1113092.2/19

In: 62.461+/-0.024 χ^2/NDF : 463418.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.486+/-0.016 χ^2/NDF : 1113092.2/19

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 45.614+/-266.762 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.136+/-236.381 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

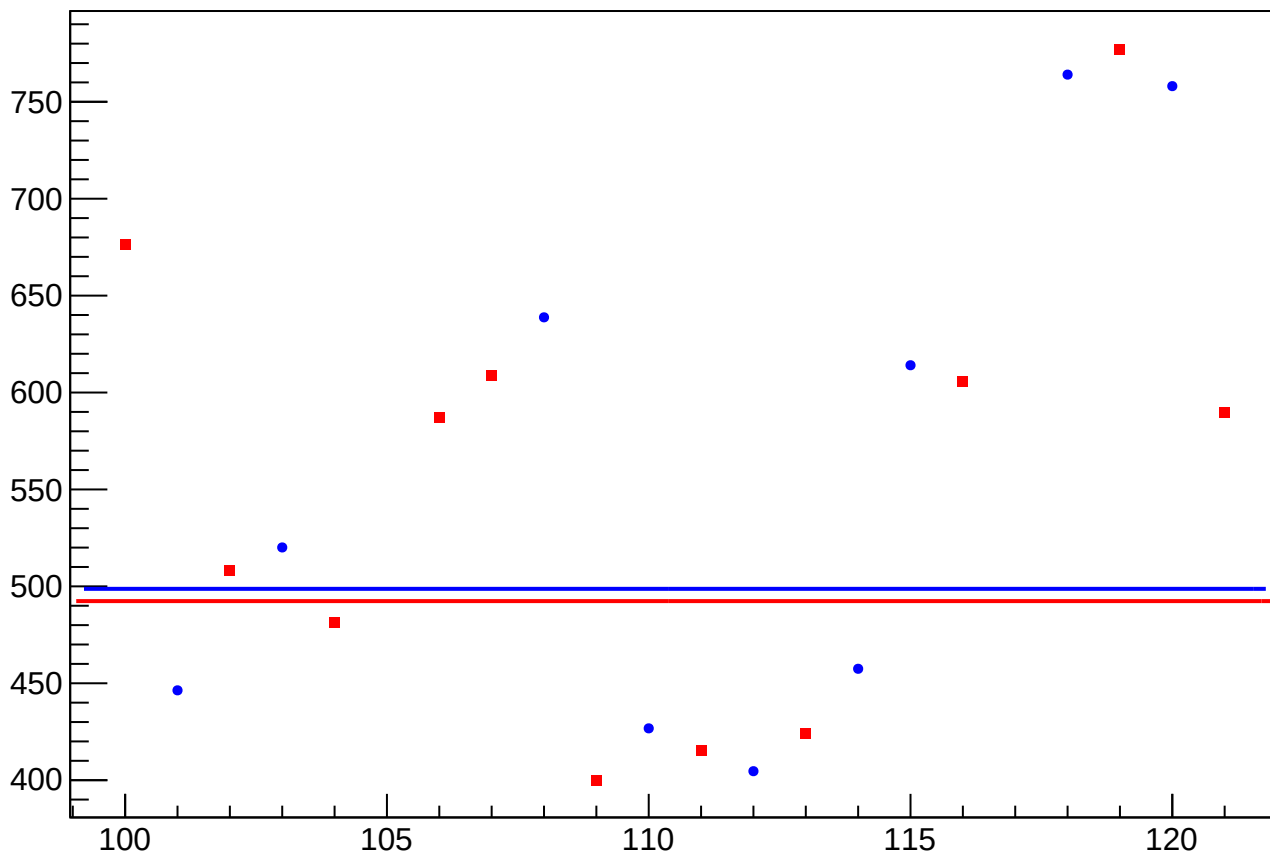
Right: 291.258+/-176.917 χ^2/NDF : 17.8/19

In: 45.614+/-266.762 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.258+/-176.917 χ^2/NDF : 17.8/19

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 498.722+/-0.189 χ^2/NDF : 356853.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.392+/-0.167 χ^2/NDF : 358988.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

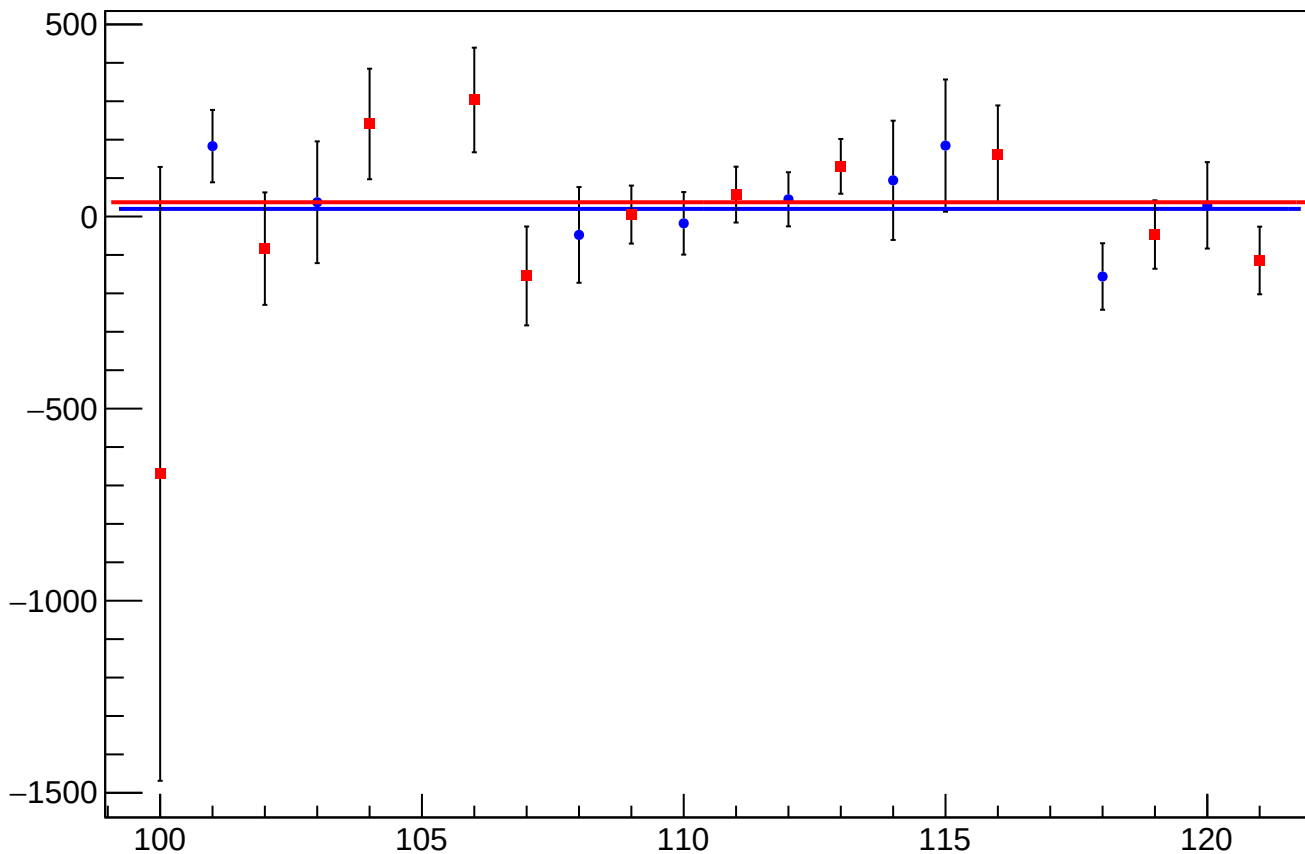
Right: 495.176+/-0.125 χ^2/NDF : 716472.1/19

In: 498.722+/-0.189 χ^2/NDF : 356853.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.176+/-0.125 χ^2/NDF : 716472.1/19

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 19.838+/-34.152 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.137+/-30.291 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

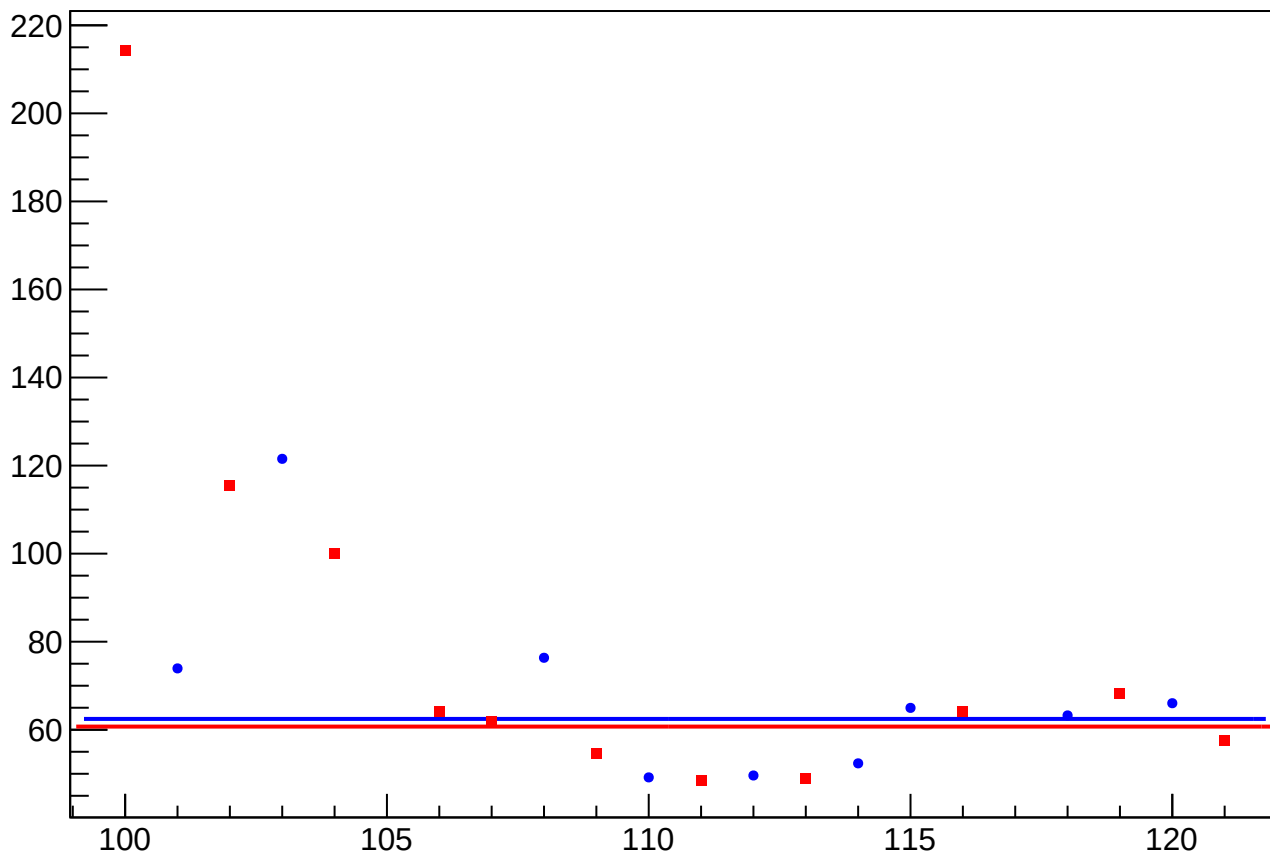
Right: 29.520+/-22.661 χ^2/NDF : 25.4/19

In: 19.838+/-34.152 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.520+/-22.661 χ^2/NDF : 25.4/19

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.461+/-0.024 χ^2/NDF : 463417.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.719+/-0.021 χ^2/NDF : 646758.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

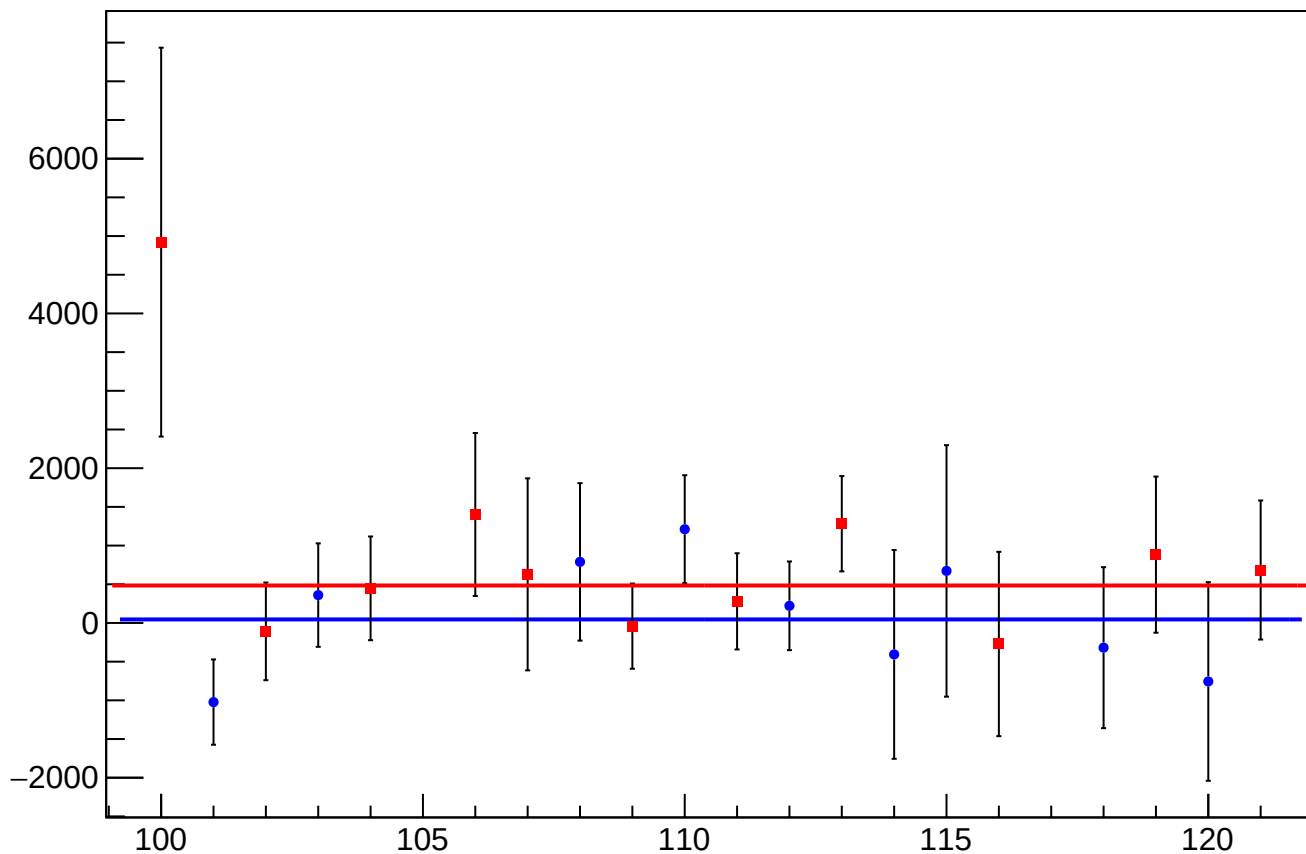
Right: 61.486+/-0.016 χ^2/NDF : 1113089.8/19

In: 62.461+/-0.024 χ^2/NDF : 463417.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.486+/-0.016 χ^2/NDF : 1113089.8/19

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 45.613+/-266.762 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.135+/-236.380 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

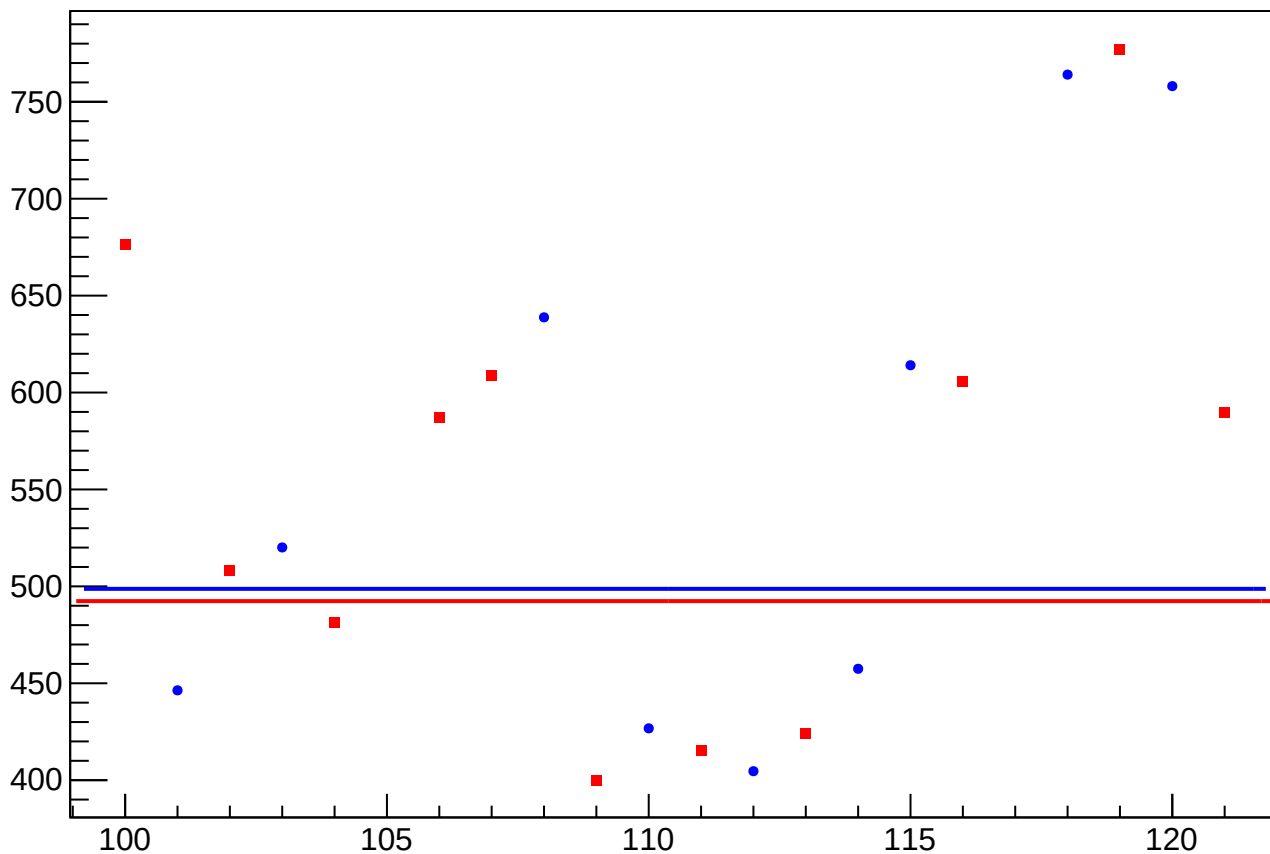
Right: 291.257+/-176.917 χ^2/NDF : 17.8/19

In: 45.613+/-266.762 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.257+/-176.917 χ^2/NDF : 17.8/19

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 498.720+/-0.189 χ^2/NDF : 356857.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.391+/-0.167 χ^2/NDF : 358990.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

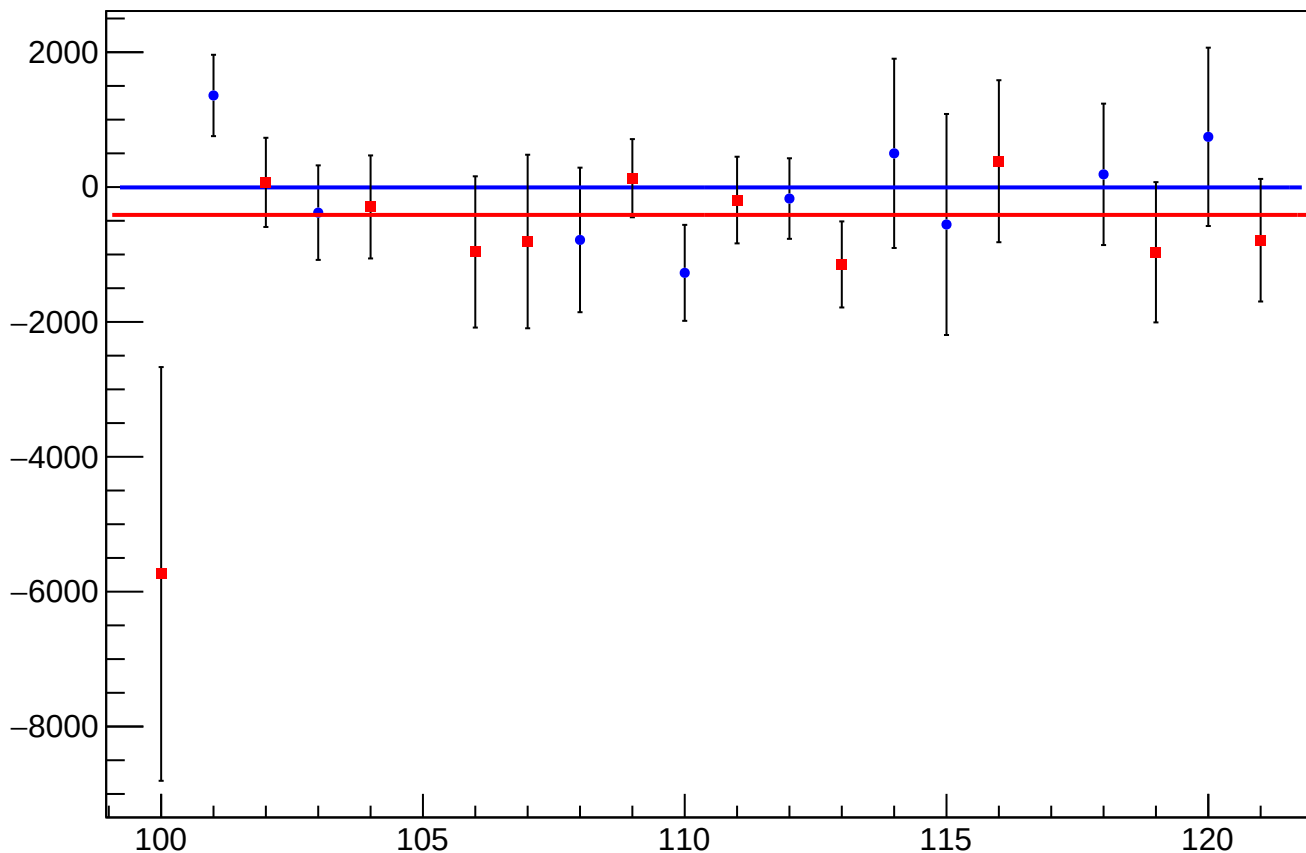
Right: 495.175+/-0.125 χ^2/NDF : 716478.5/19

In: 498.720+/-0.189 χ^2/NDF : 356857.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.175+/-0.125 χ^2/NDF : 716478.5/19

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -5.002 ± 279.585 χ^2/NDF : 9.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -412.741 ± 248.557 χ^2/NDF : 7.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

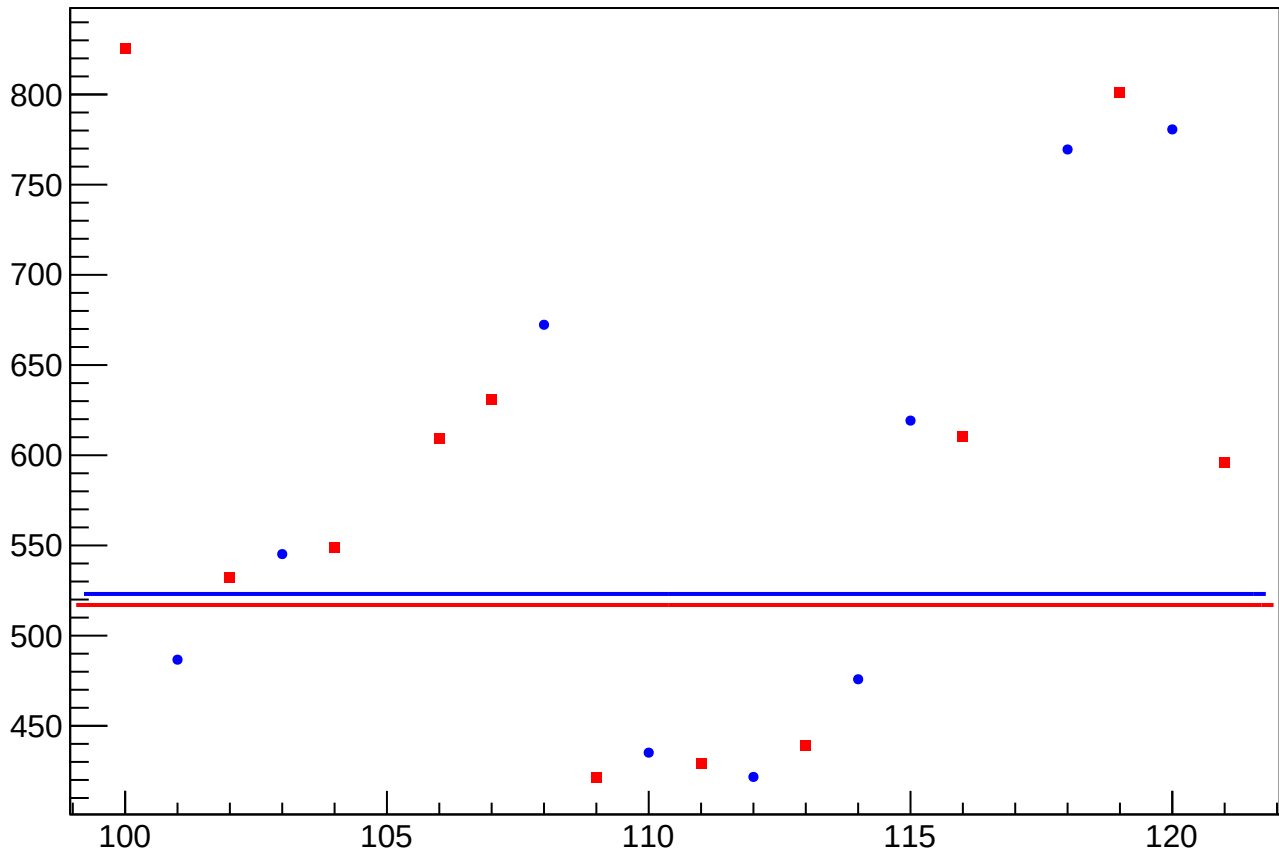
Right: -232.743 ± 185.762 χ^2/NDF : 18.1/19

In: -5.002 ± 279.585 χ^2/NDF : 9.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -232.743 ± 185.762 χ^2/NDF : 18.1/19

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 523.107+/-0.198 χ^2/NDF : 331712.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.986+/-0.176 χ^2/NDF : 352178.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

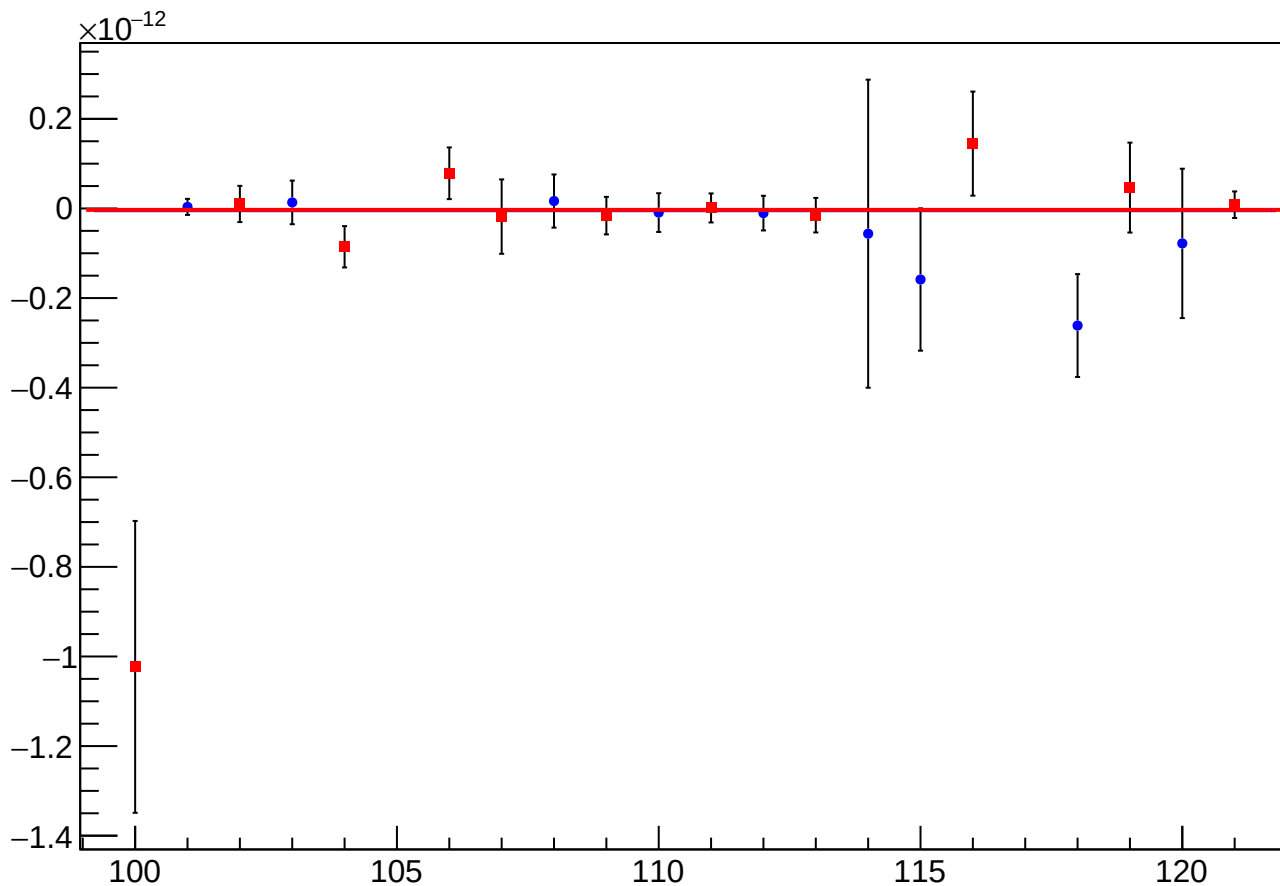
Right: 519.688+/-0.131 χ^2/NDF : 684426.5/19

In: 523.107+/-0.198 χ^2/NDF : 331712.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.688+/-0.131 χ^2/NDF : 684426.5/19

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

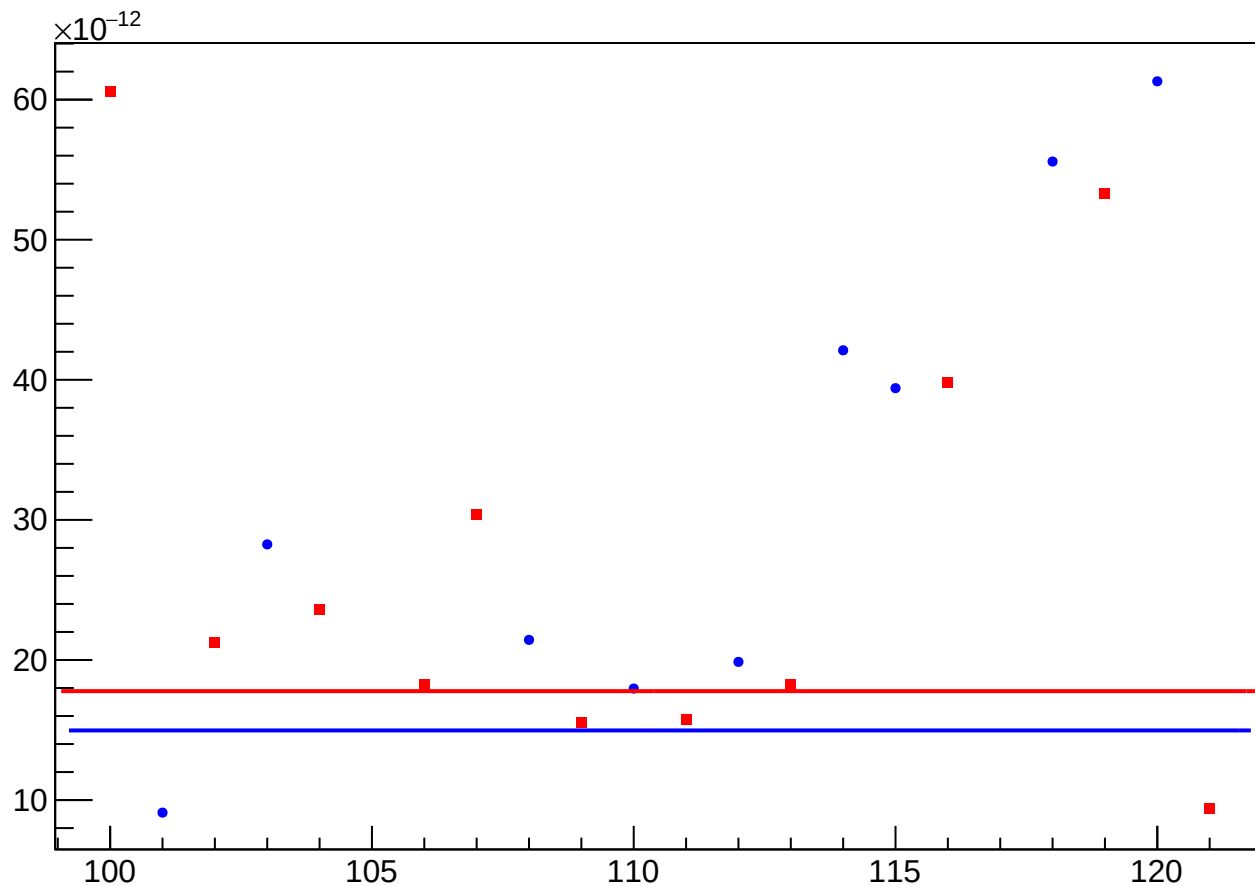
Right: -0.000+/-0.000 χ^2/NDF : 24.0/19

In: -0.000+/-0.000 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/19

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 892652.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 622545.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

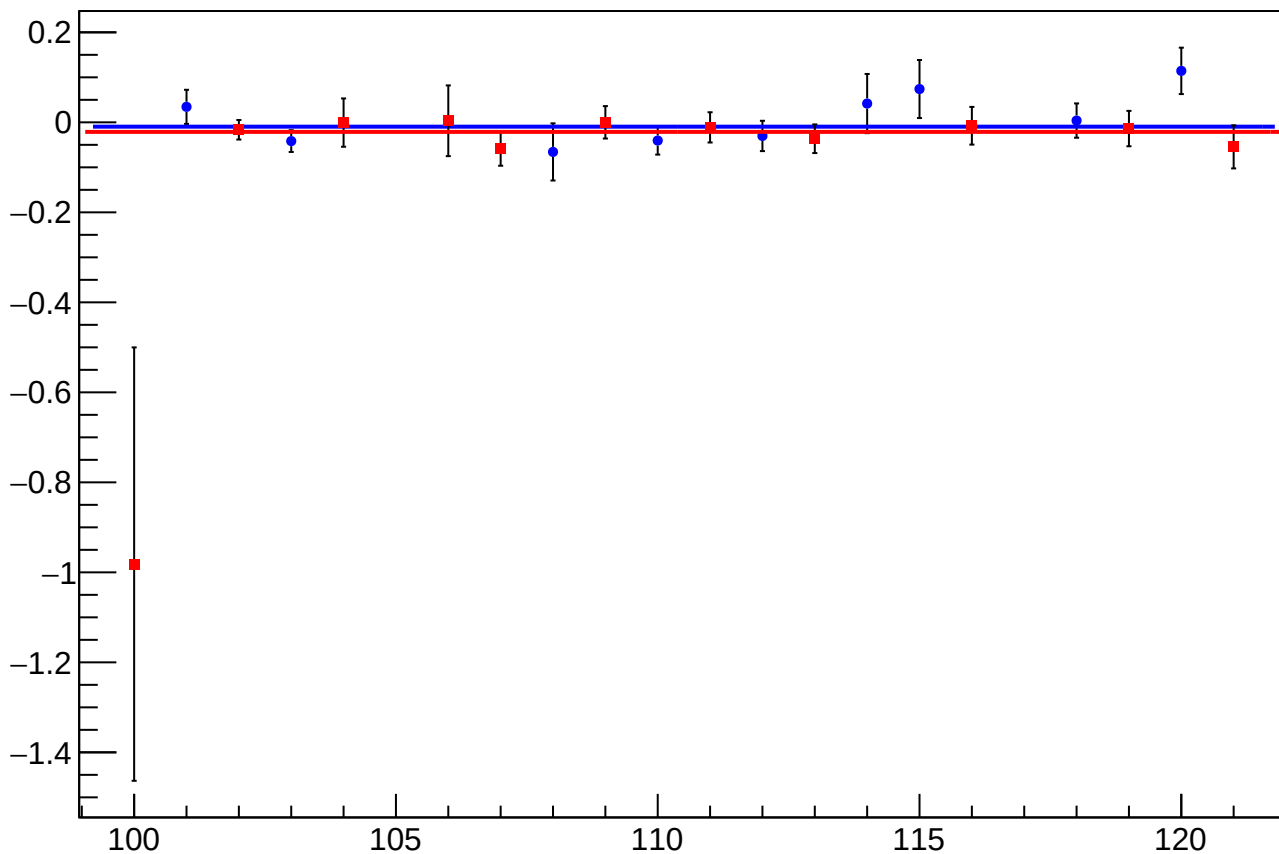
Right: 0.000+/-0.000 χ^2/NDF : 1555445.4/19

In: 0.000+/-0.000 χ^2/NDF : 892652.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1555445.4/19

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.011 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

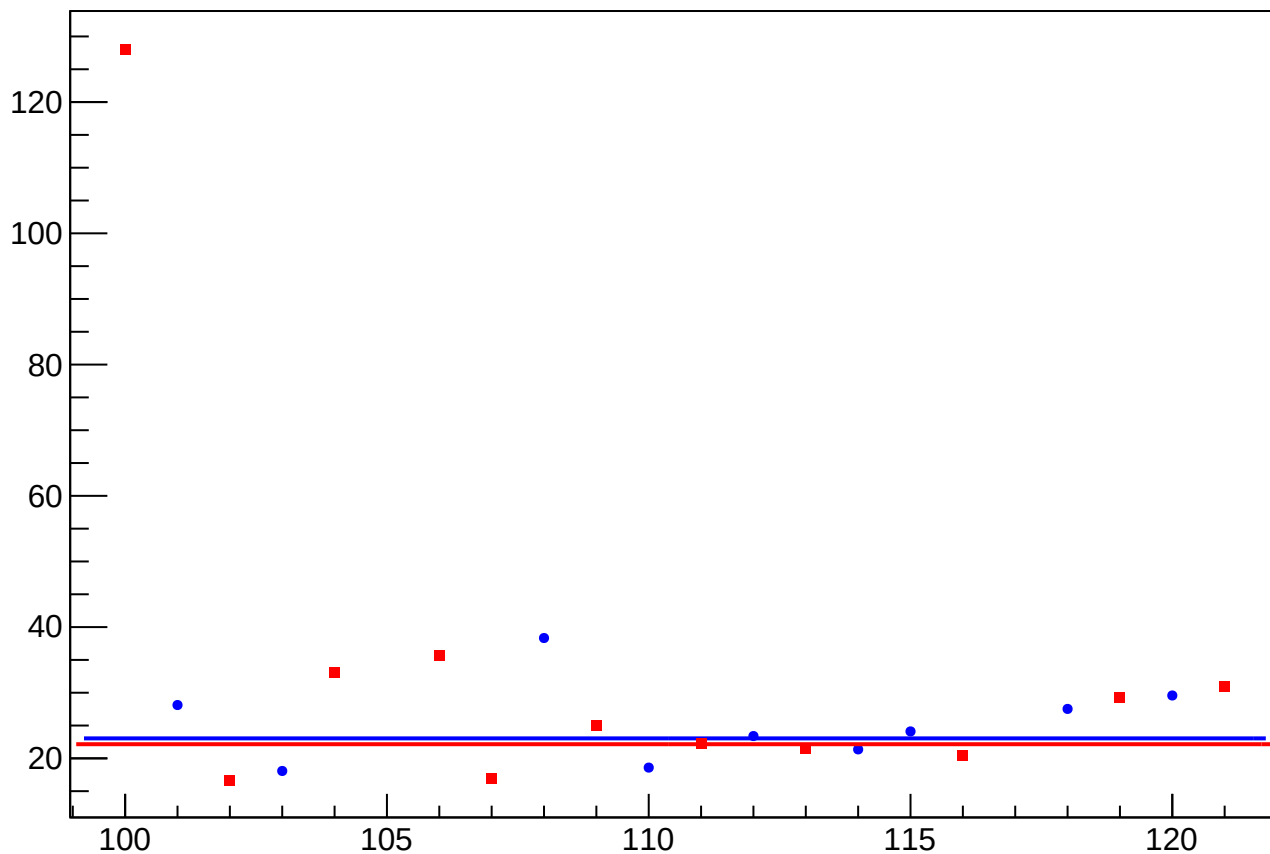
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 20.4/19

In: -0.010 $\pm$ 0.013 χ^2 /NDF:13.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 20.4/19

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.154+/-0.008 χ^2/NDF : 556864.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

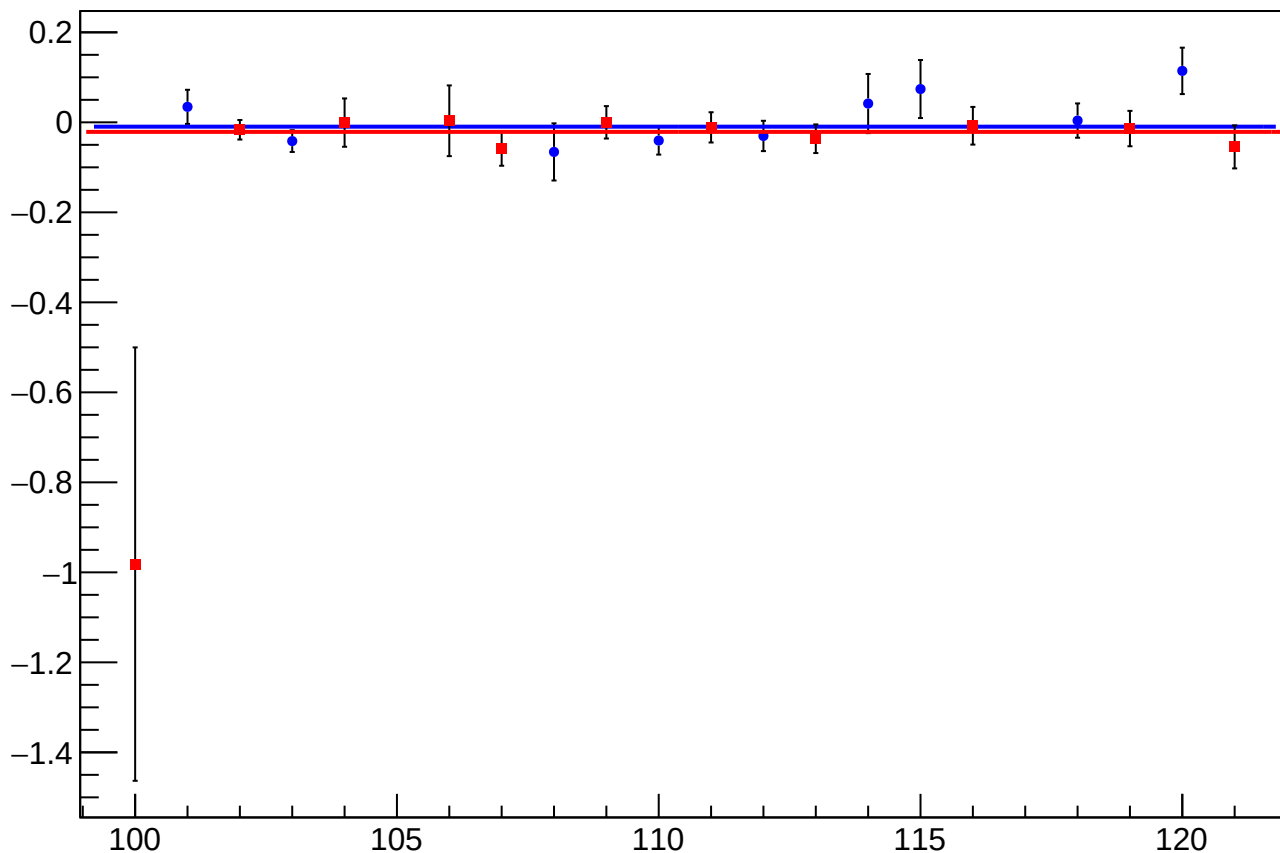
Right: 22.549+/-0.006 χ^2/NDF : 901126.4/19

In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.549+/-0.006 χ^2/NDF : 901126.4/19

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.011 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

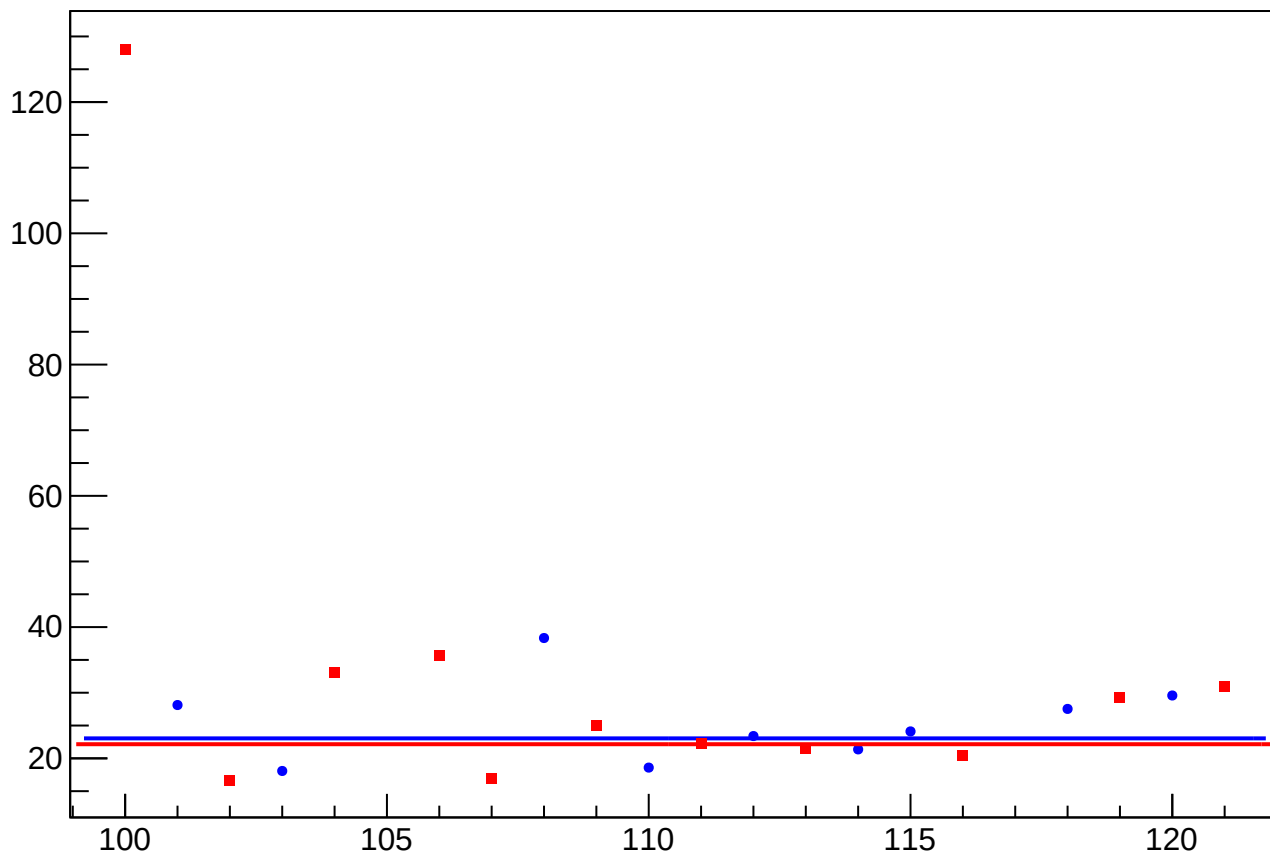
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 20.4/19

In: -0.010 $\pm$ 0.013 χ^2 /NDF:13.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 20.4/19

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.154+/-0.008 χ^2/NDF : 556864.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

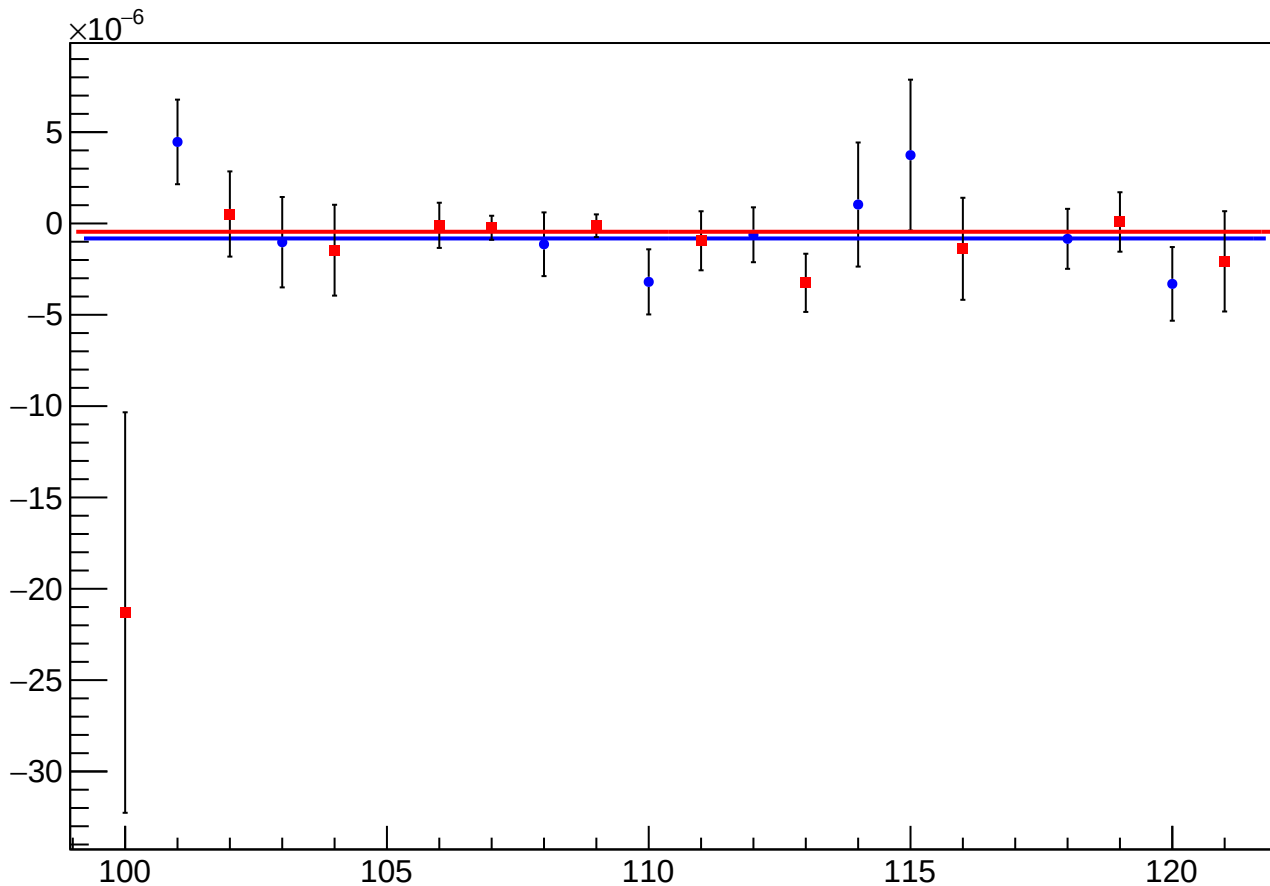
Right: 22.549+/-0.006 χ^2/NDF : 901126.4/19

In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.549+/-0.006 χ^2/NDF : 901126.4/19

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

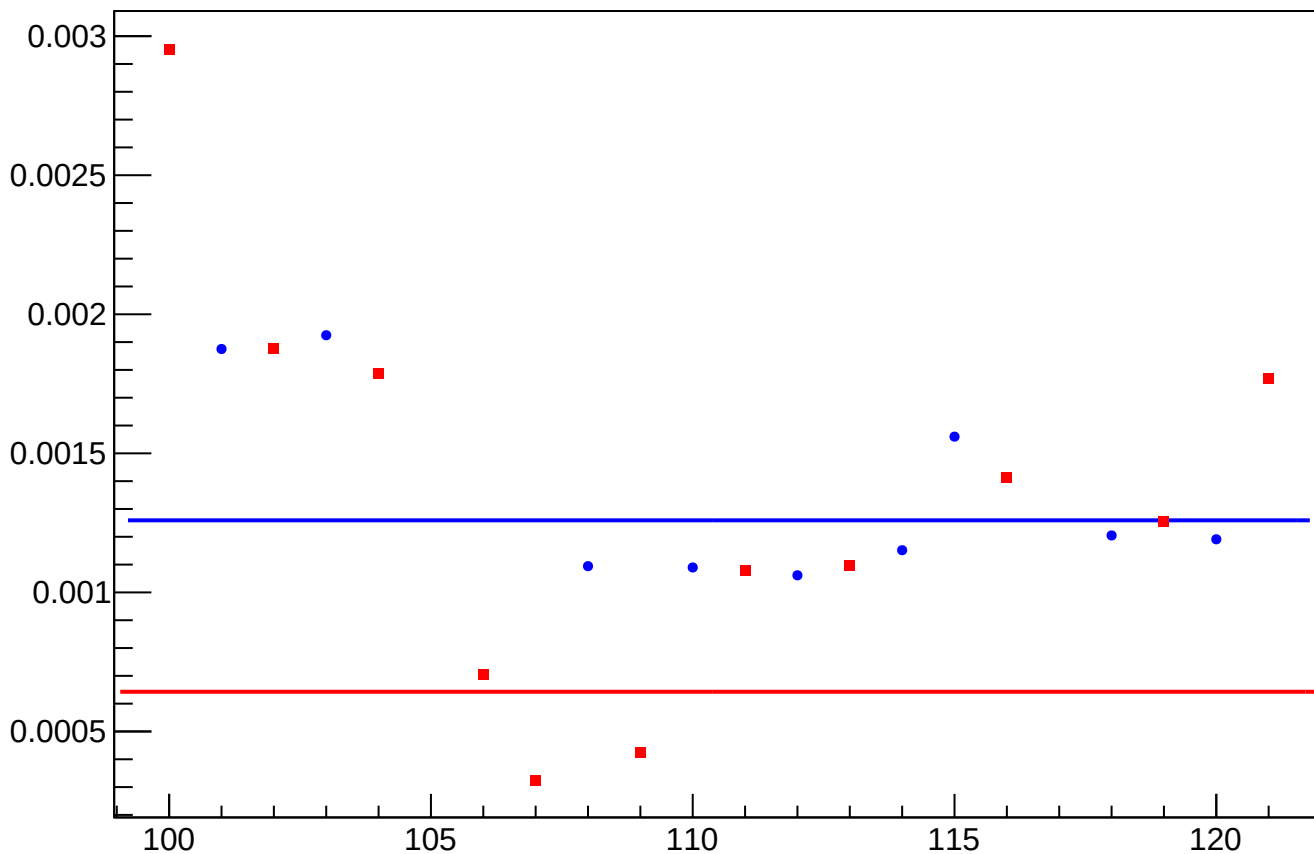
Right: -0.000+/-0.000 χ^2/NDF : 18.5/19

In: -0.000+/-0.000 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/19

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 373875.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2873286.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

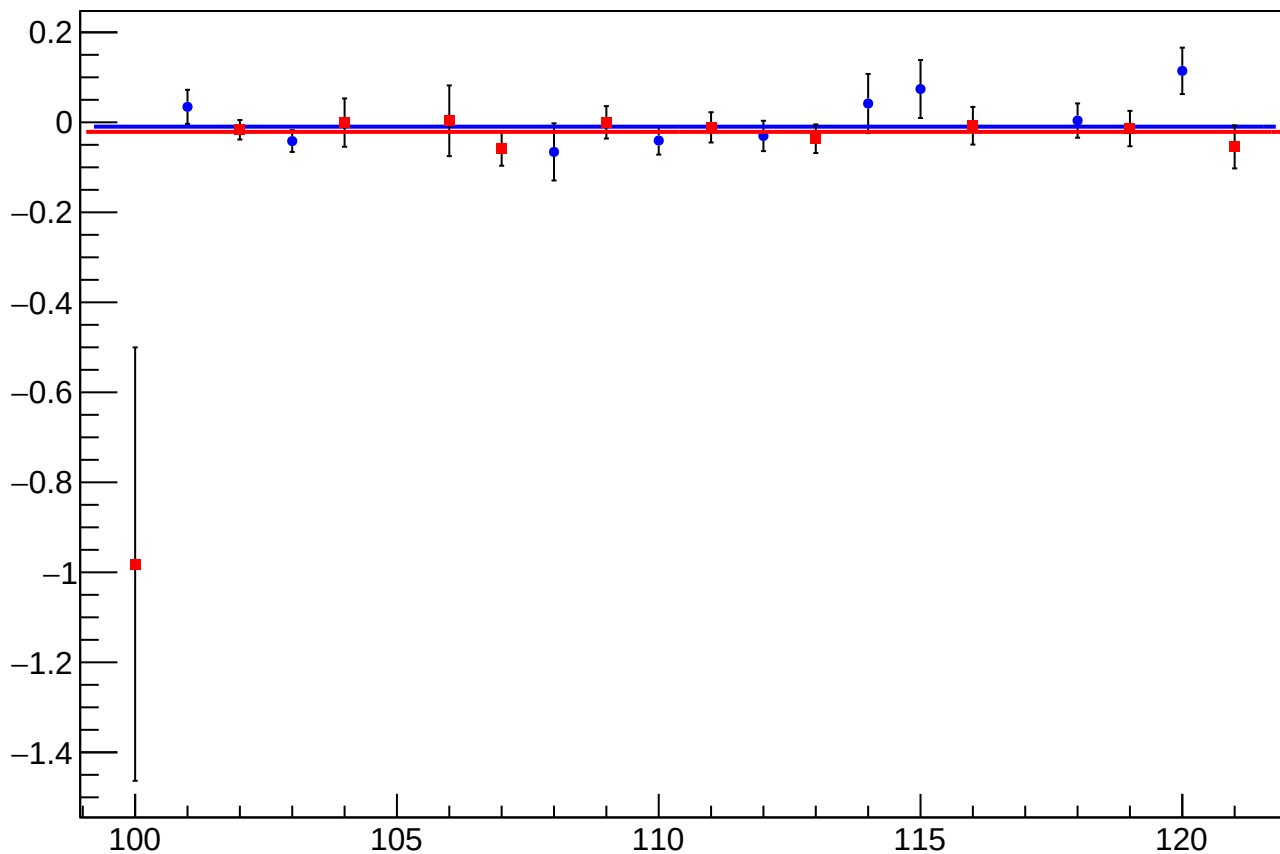
Right: 0.001+/-0.000 χ^2/NDF : 4531188.7/19

In: 0.001+/-0.000 χ^2/NDF :373875.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4531188.7/19

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.013 χ^2/NDF : 13.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.011 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

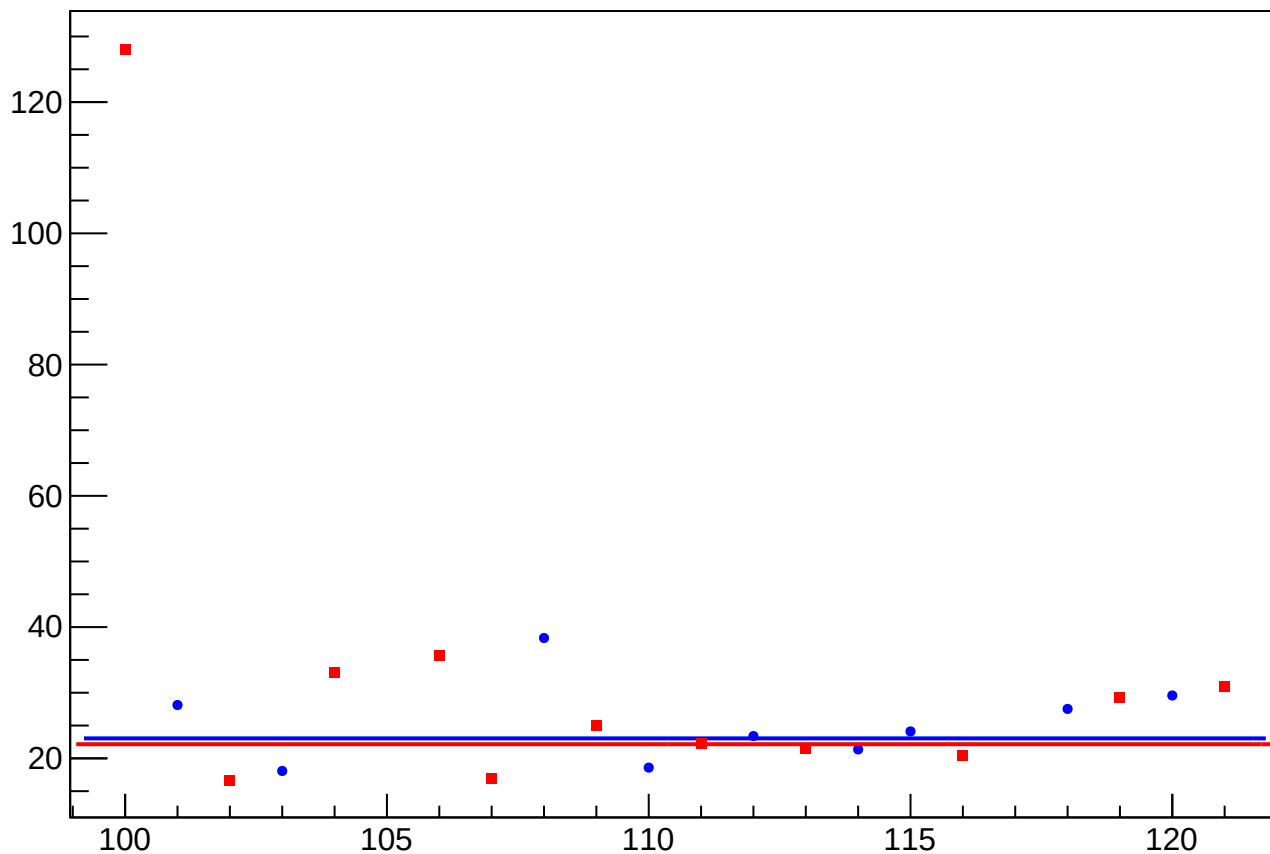
Right: -0.016+/-0.009 χ^2/NDF : 20.4/19

In: -0.010+/-0.013 χ^2/NDF : 13.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.009 χ^2/NDF : 20.4/19

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338894.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.155+/-0.008 χ^2/NDF : 556844.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

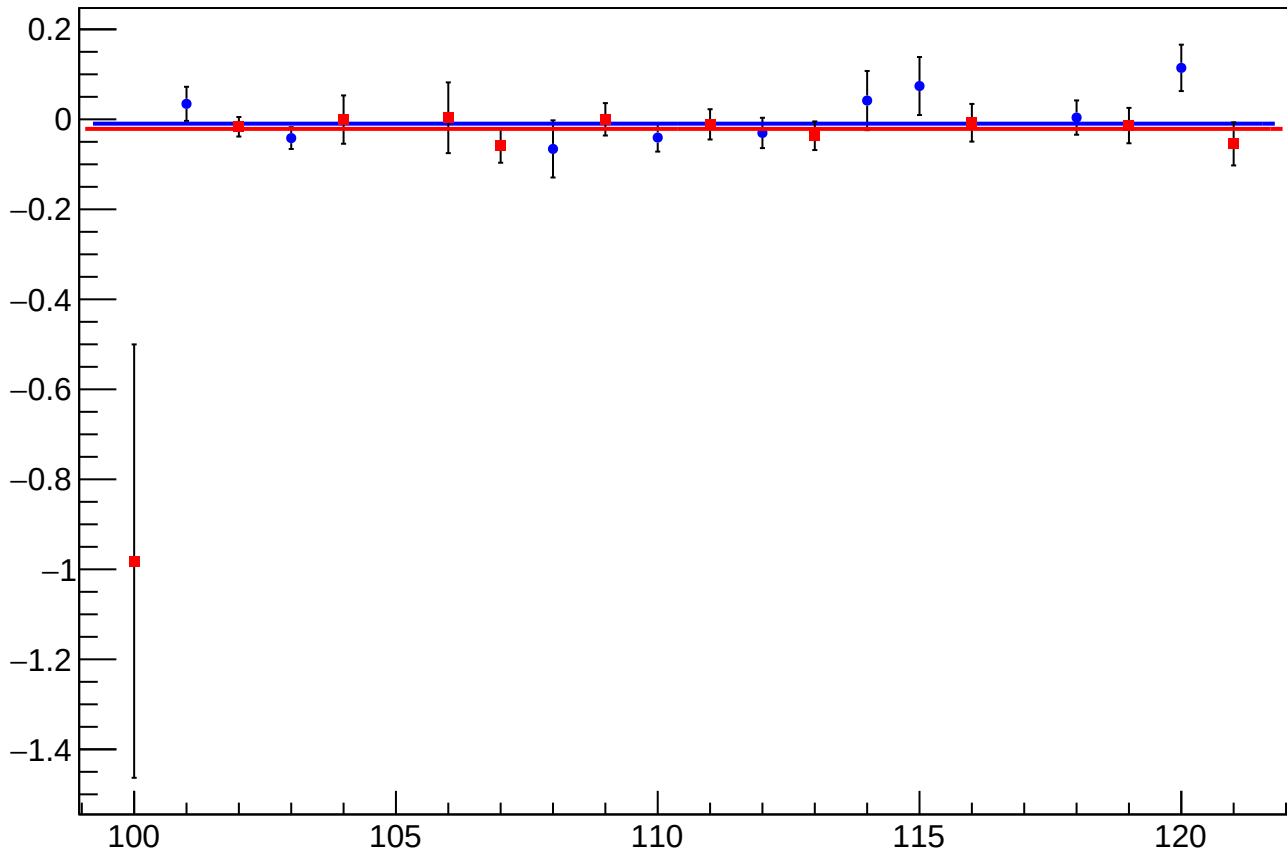
Right: 22.550+/-0.006 χ^2/NDF : 901088.6/19

In: 23.043+/-0.009 χ^2/NDF : 338894.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.550+/-0.006 χ^2/NDF : 901088.6/19

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.011 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

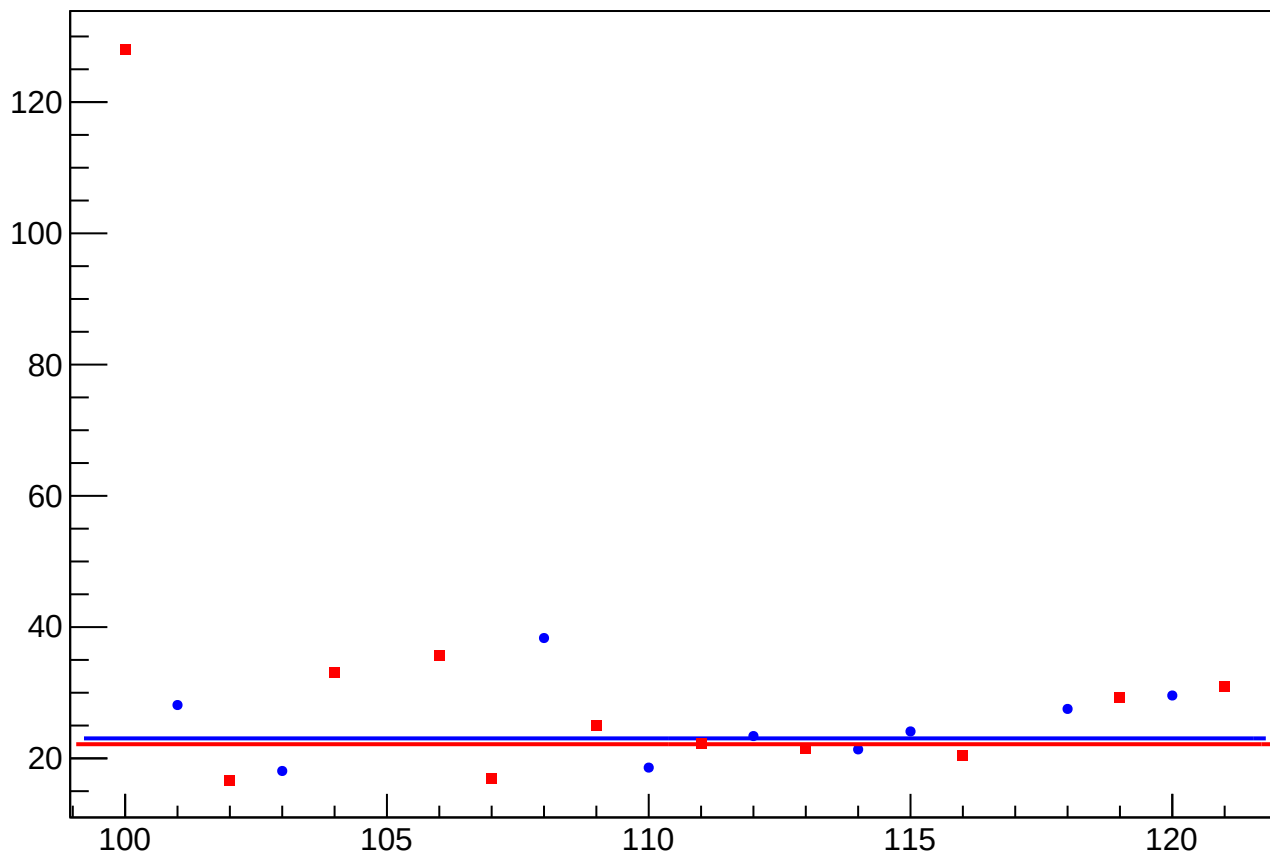
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 20.4/19

In: -0.010 $\pm$ 0.013 χ^2 /NDF:13.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 20.4/19

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043 $\pm$ 0.009 χ^2 /NDF: 338894.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.155 $\pm$ 0.008 χ^2 /NDF: 556844.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

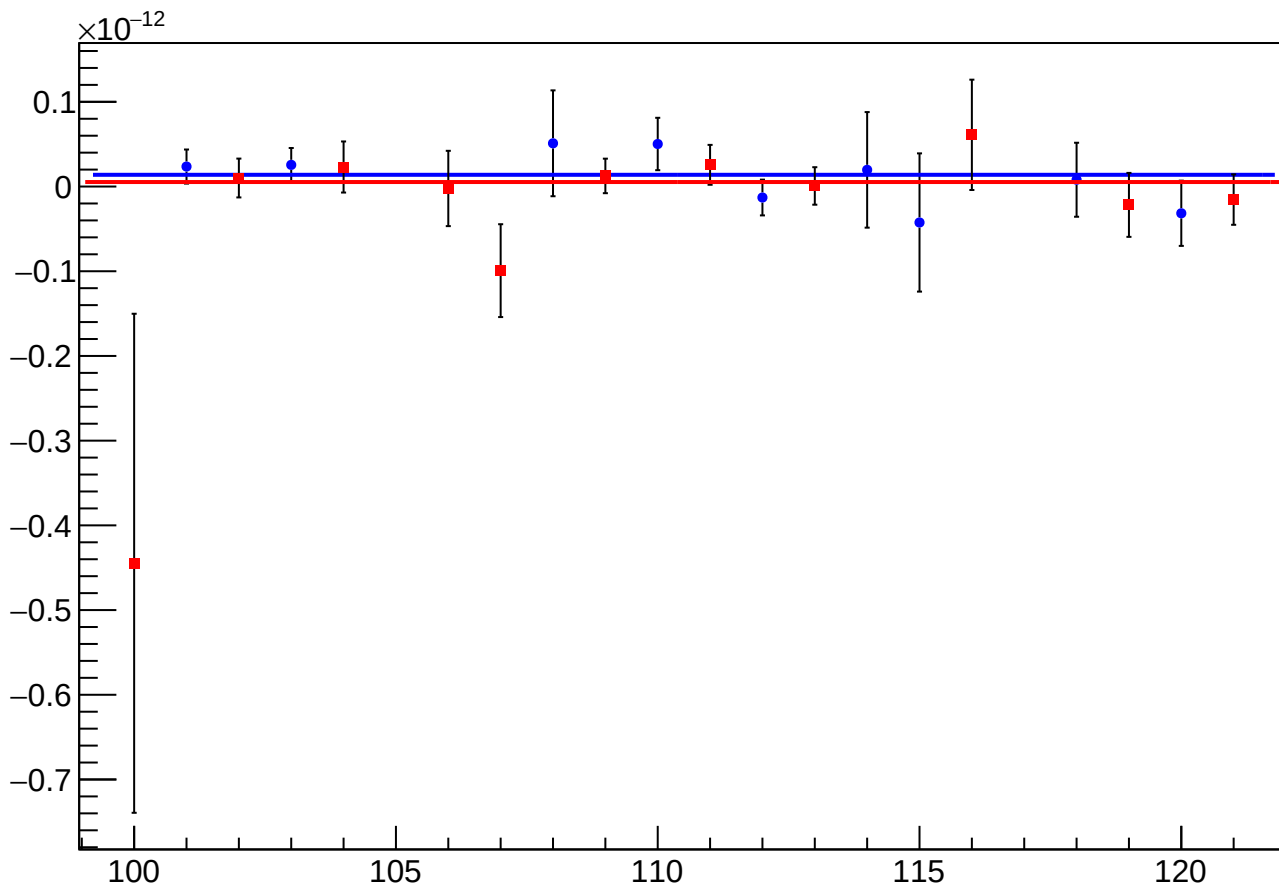
Right: 22.550 $\pm$ 0.006 χ^2 /NDF: 901088.6/19

In: 23.043 $\pm$ 0.009 χ^2 /NDF: 338894.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.550 $\pm$ 0.006 χ^2 /NDF: 901088.6/19

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

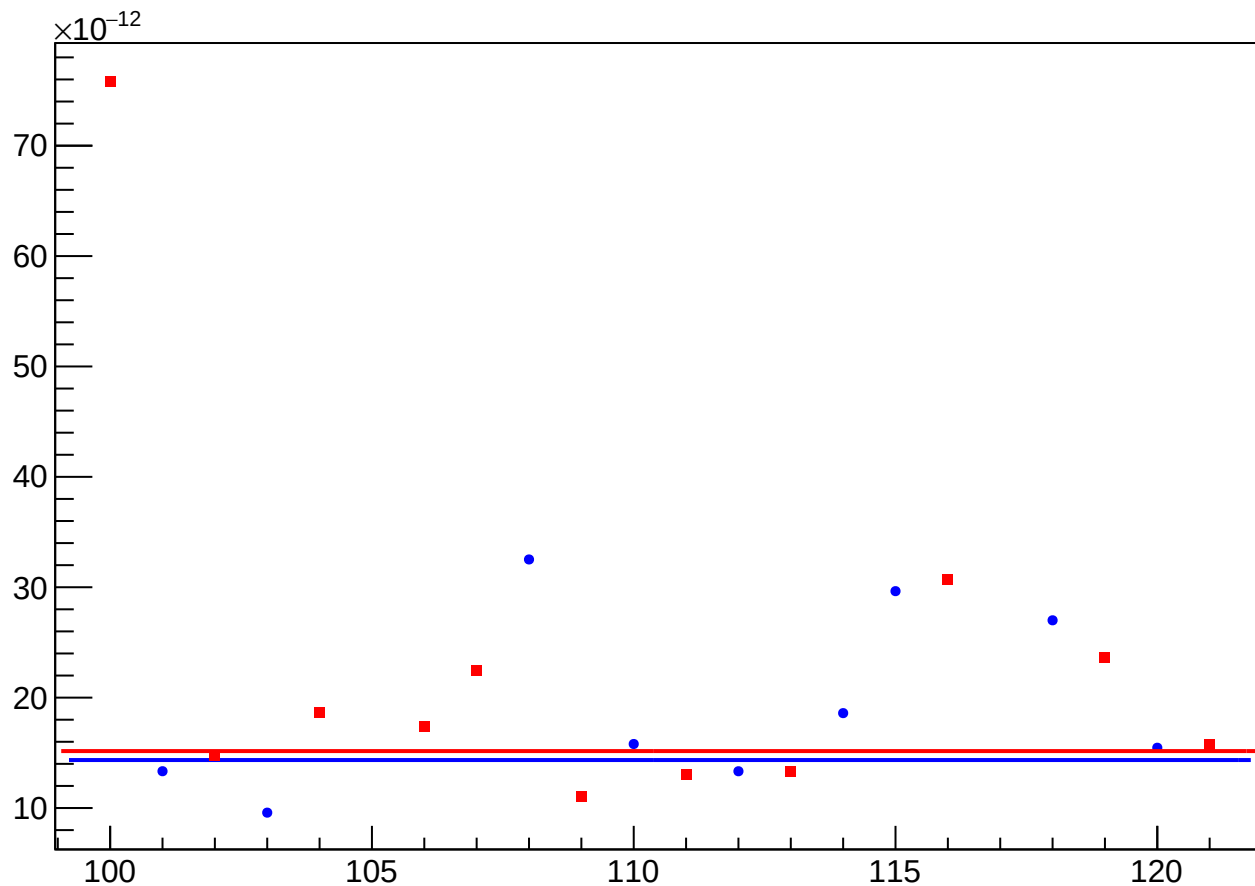
Right: 0.000+/-0.000 χ^2/NDF : 15.3/19

In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/19

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 545272.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 479685.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

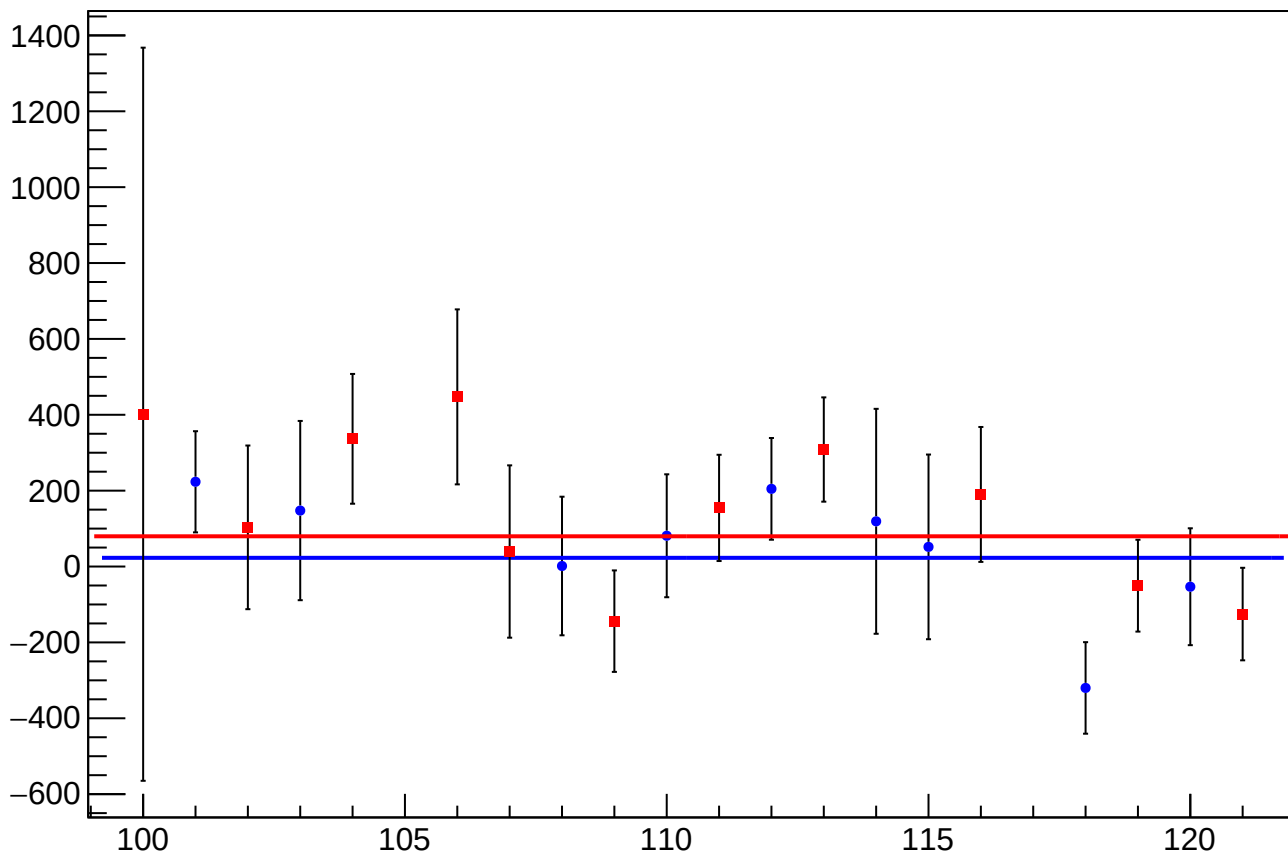
Right: 0.000+/-0.000 χ^2/NDF : 1032233.0/19

In: 0.000+/-0.000 χ^2/NDF : 545272.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1032233.0/19

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 22.947+/-54.475 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.700+/-48.685 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

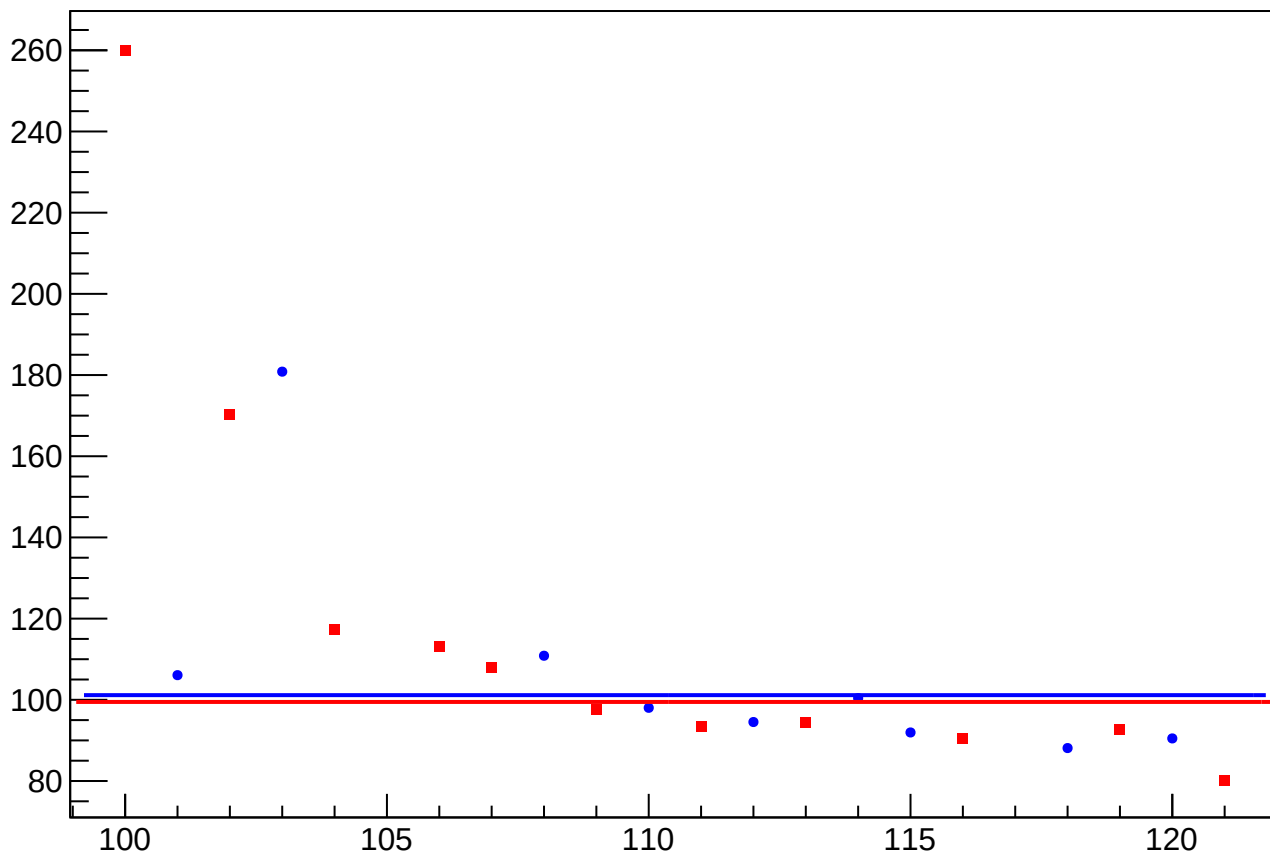
Right: 54.499+/-36.301 χ^2/NDF : 28.7/19

In: 22.947+/-54.475 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.499+/-36.301 χ^2/NDF : 28.7/19

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.150+/-0.039 χ^2/NDF : 277346.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.475+/-0.034 χ^2/NDF : 371036.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

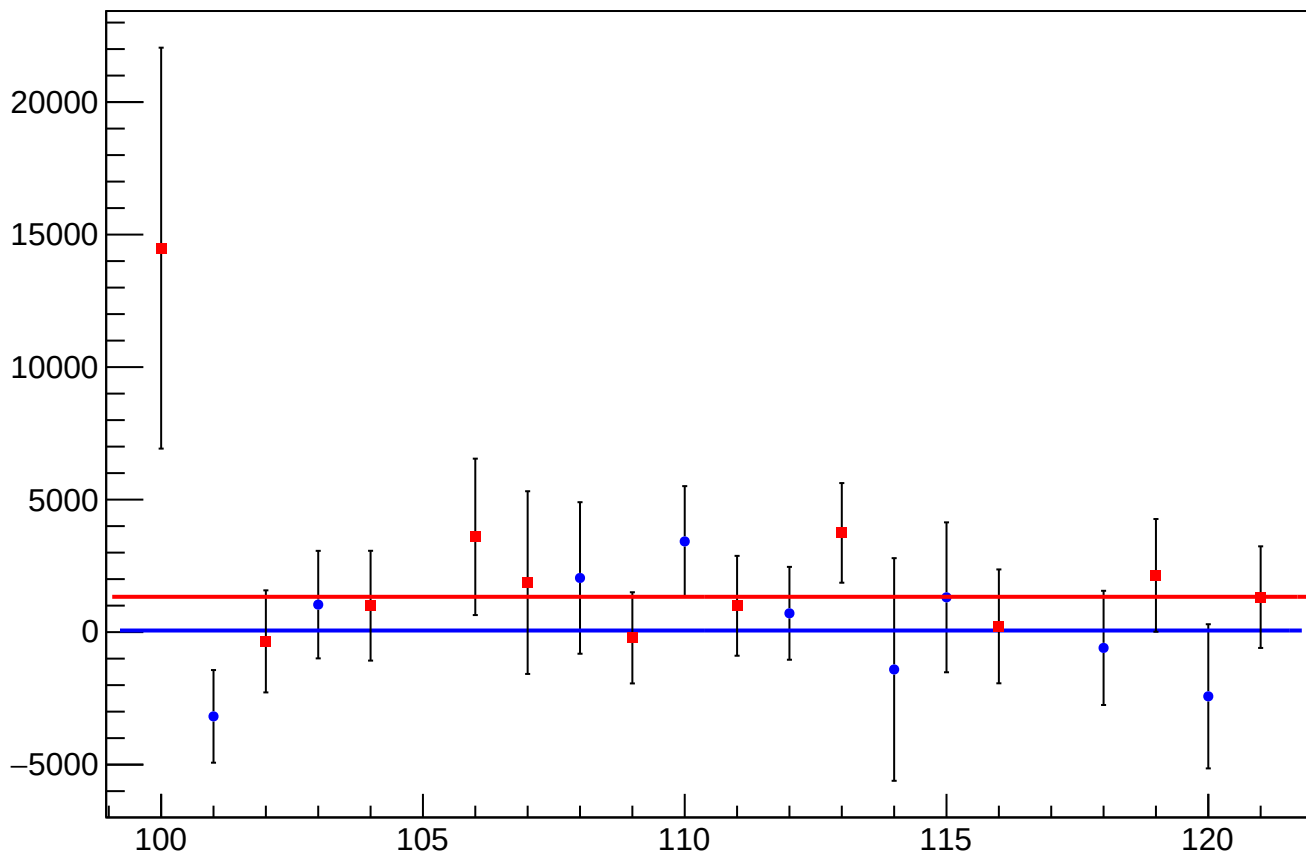
Right: 100.219+/-0.026 χ^2/NDF : 649432.7/19

In: 101.150+/-0.039 χ^2/NDF : 277346.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.219+/-0.026 χ^2/NDF : 649432.7/19

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 60.786 $\pm$ 749.448 χ^2 /NDF: 8.1/8

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 1332.939 $\pm$ 654.919 χ^2 /NDF: 7.3/10

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

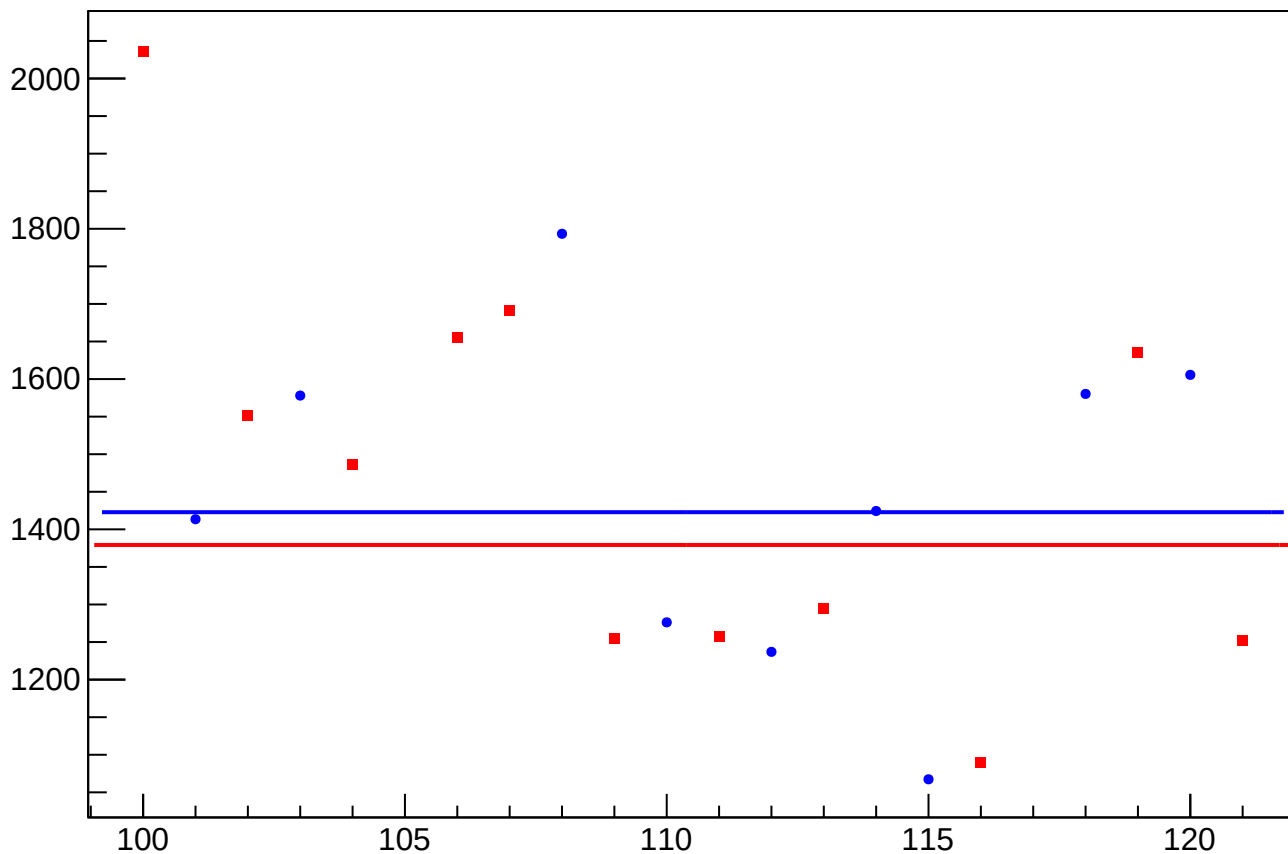
Right: 782.106 $\pm$ 493.153 χ^2 /NDF: 17.1/19

In: 60.786 $\pm$ 749.448 χ^2 /NDF:8.1/8

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 782.106 $\pm$ 493.153 χ^2 /NDF: 17.1/19

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1422.835+/-0.530 χ^2/NDF : 129040.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1379.207+/-0.463 χ^2/NDF : 167105.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

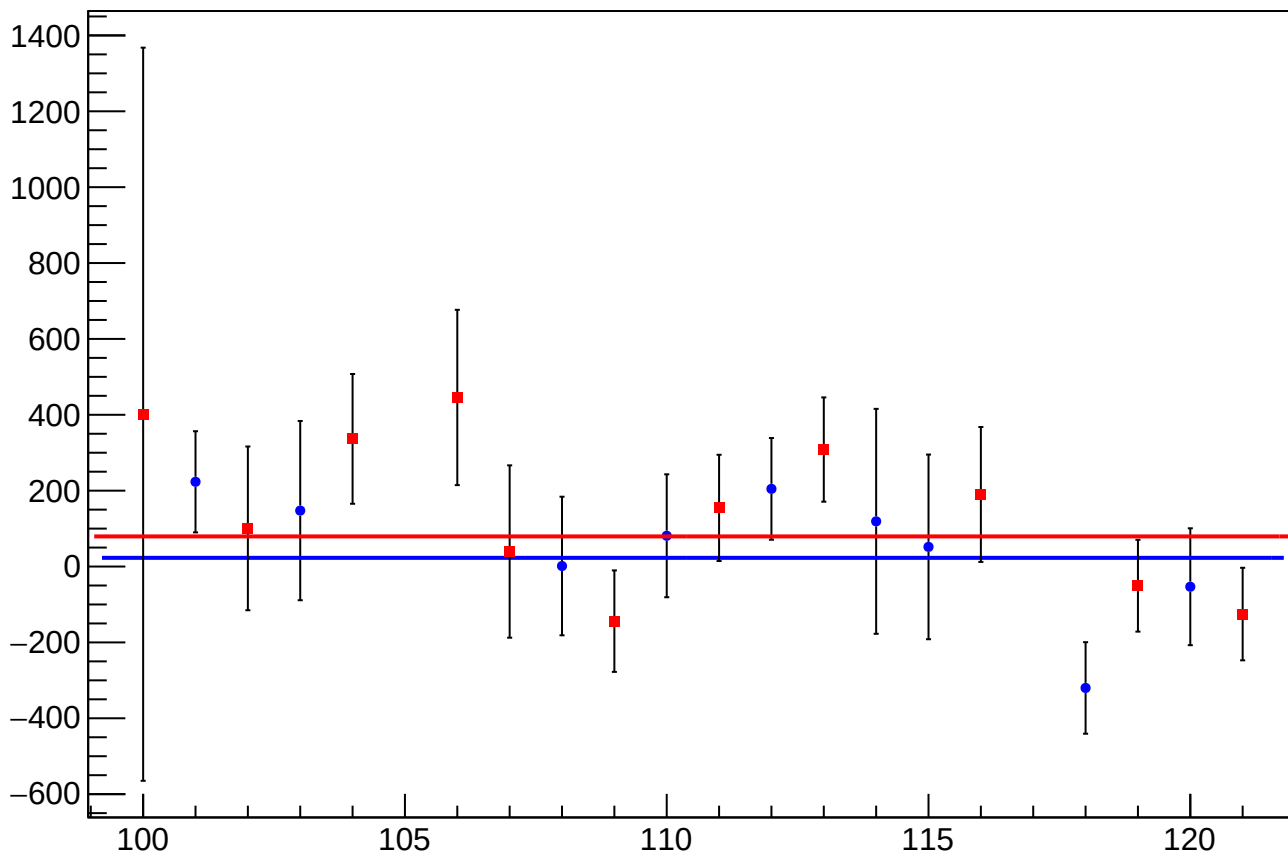
Right: 1398.098+/-0.349 χ^2/NDF : 299989.0/19

In: 1422.835+/-0.530 χ^2/NDF : 129040.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.098+/-0.349 χ^2/NDF : 299989.0/19

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.420+/-48.691 χ^2/NDF : 15.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

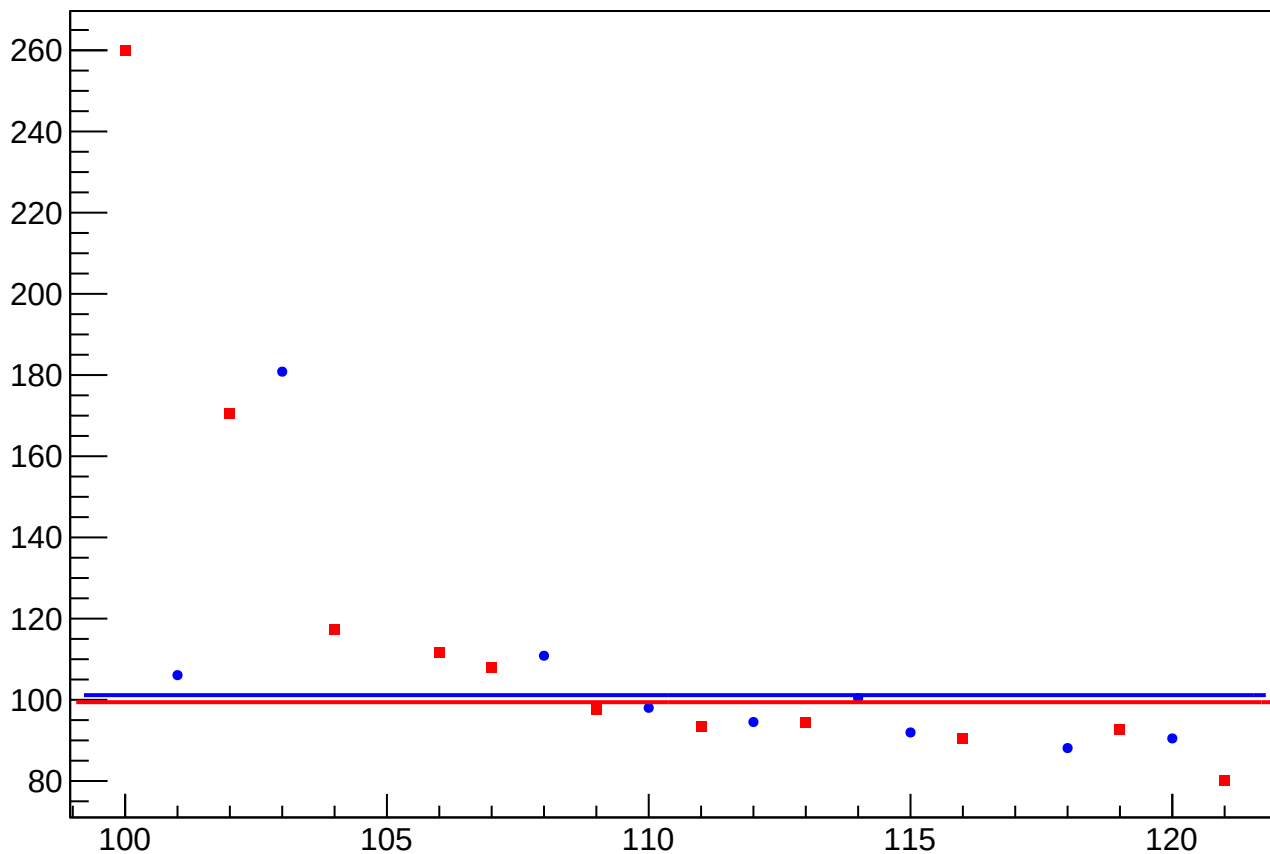
Right: 54.333+/-36.303 χ^2/NDF : 28.7/19

In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.333+/-36.303 χ^2/NDF : 28.7/19

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.415+/-0.034 χ^2/NDF : 370023.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

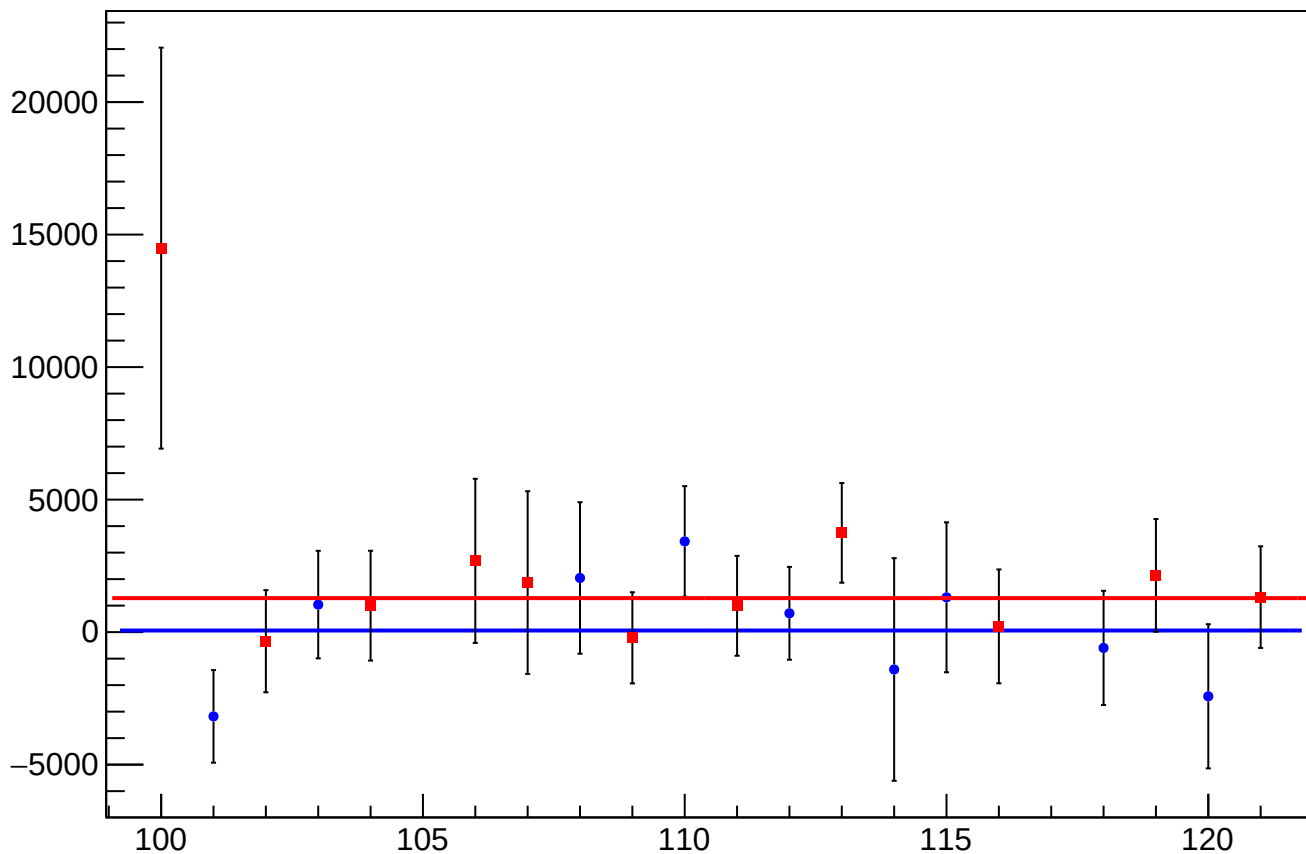
Right: 100.185+/-0.026 χ^2/NDF : 648500.9/19

In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.185+/-0.026 χ^2/NDF : 648500.9/19

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.004+/-656.454 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

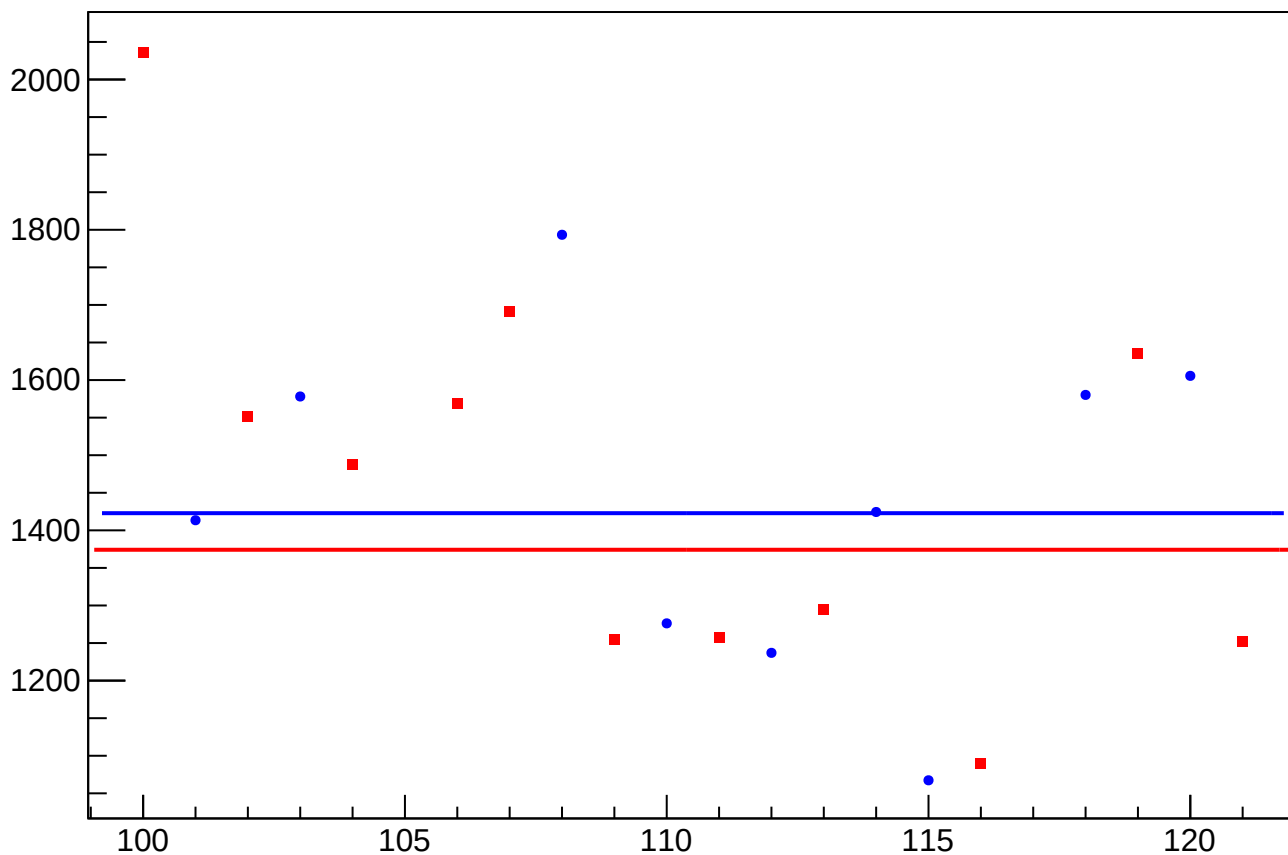
Right: 752.434+/-493.810 χ^2/NDF : 16.6/19

In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.434+/-493.810 χ^2/NDF : 16.6/19

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.161+/-0.464 χ^2/NDF : 157164.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

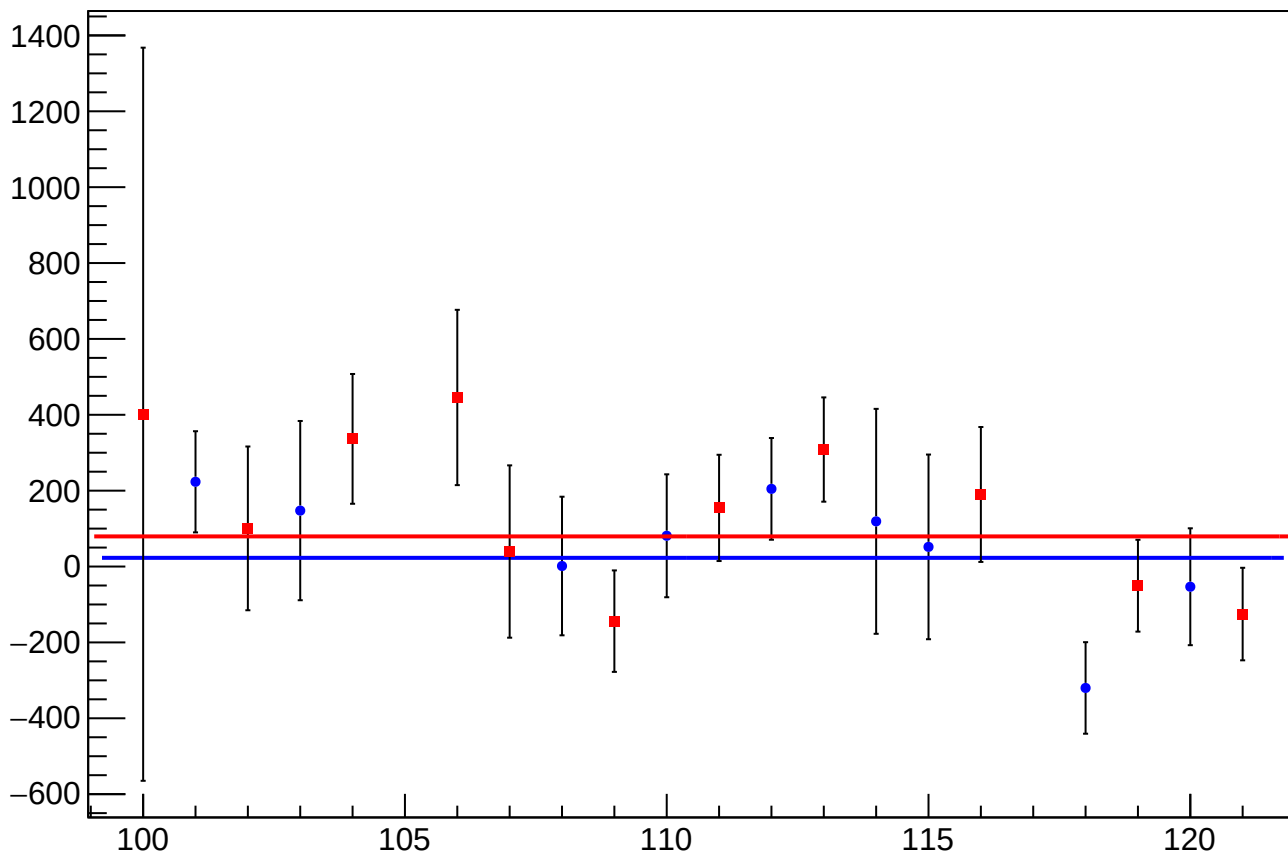
Right: 1395.297+/-0.349 χ^2/NDF : 290995.9/19

In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.297+/-0.349 χ^2/NDF : 290995.9/19

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.420+/-48.691 χ^2/NDF : 15.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

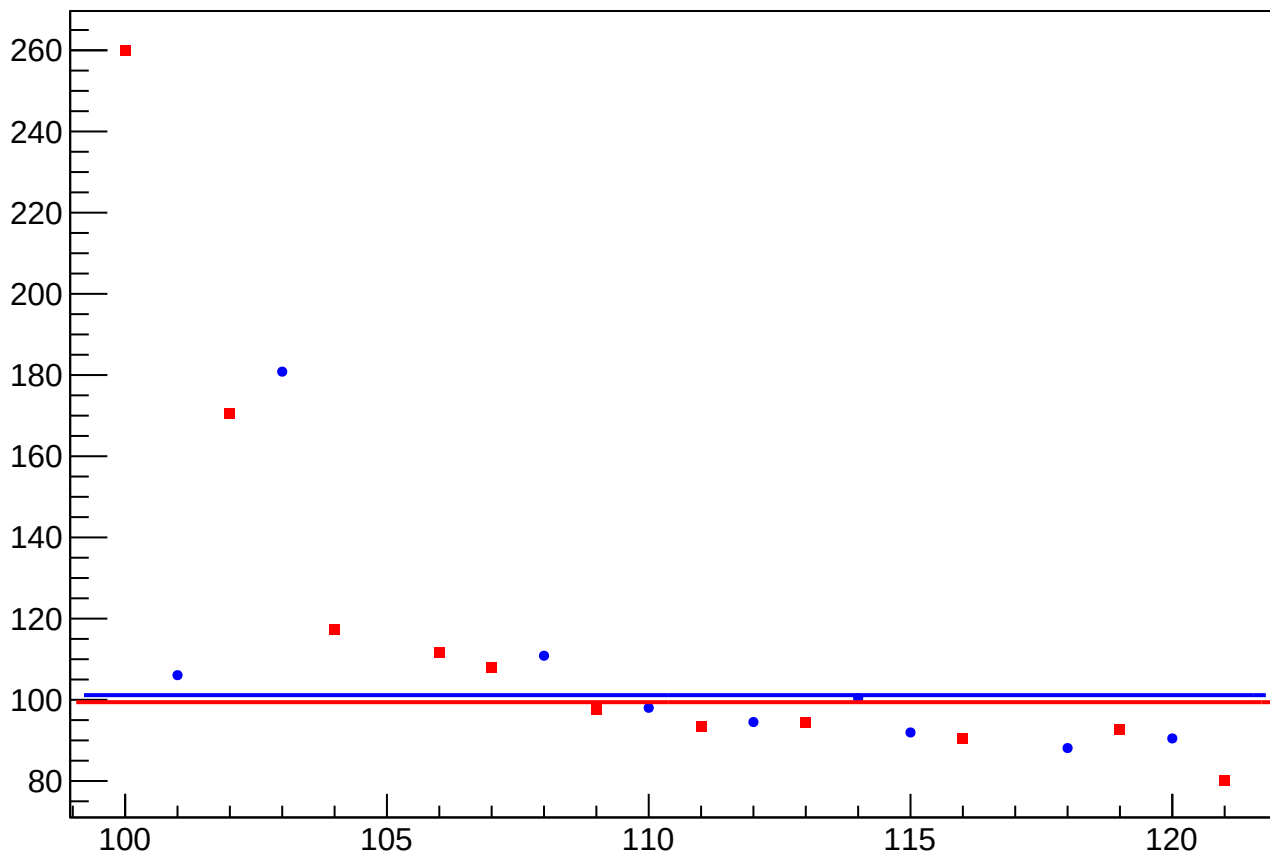
Right: 54.333+/-36.303 χ^2/NDF : 28.7/19

In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.333+/-36.303 χ^2/NDF : 28.7/19

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.415+/-0.034 χ^2/NDF : 370023.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

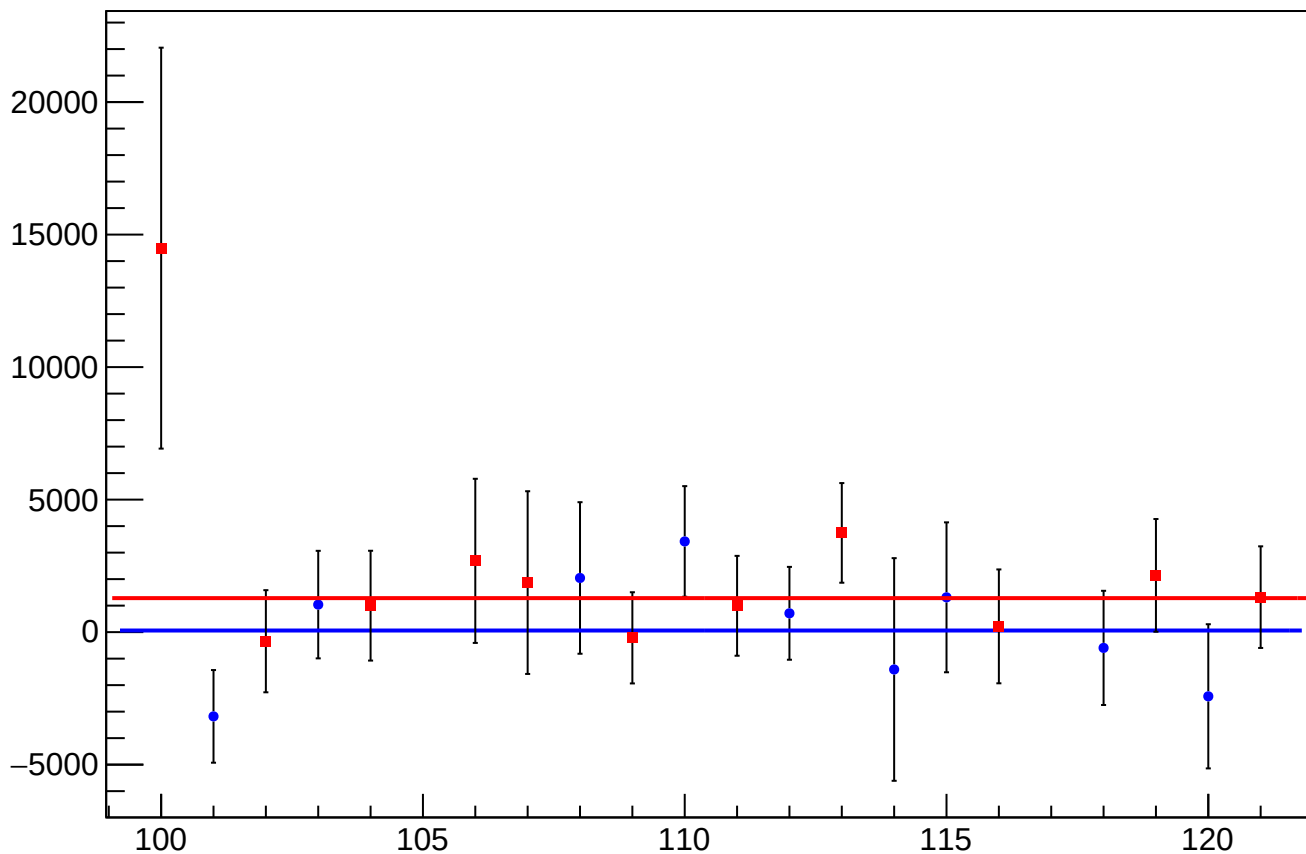
Right: 100.185+/-0.026 χ^2/NDF : 648500.9/19

In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.185+/-0.026 χ^2/NDF : 648500.9/19

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.004+/-656.454 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

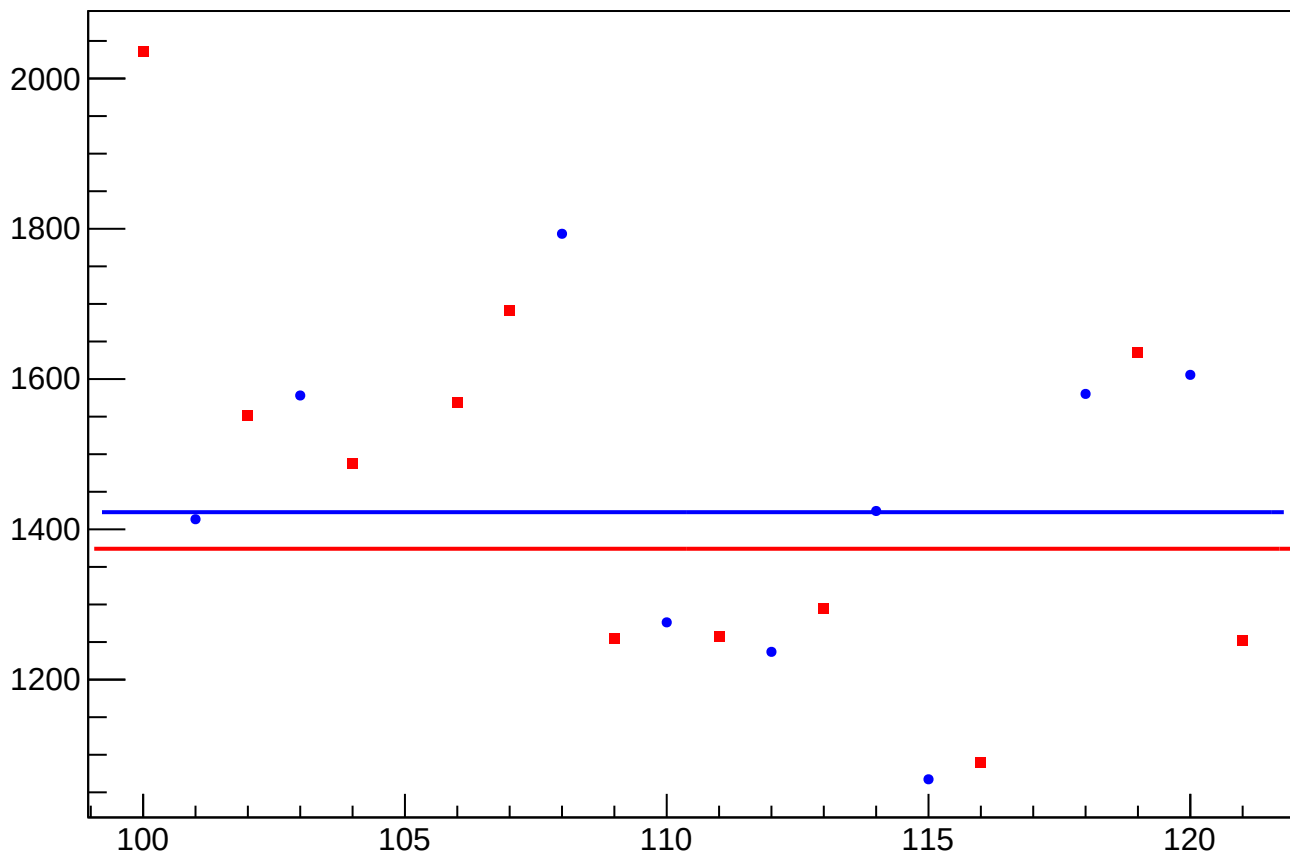
Right: 752.434+/-493.810 χ^2/NDF : 16.6/19

In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.434+/-493.810 χ^2/NDF : 16.6/19

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.161+/-0.464 χ^2/NDF : 157164.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

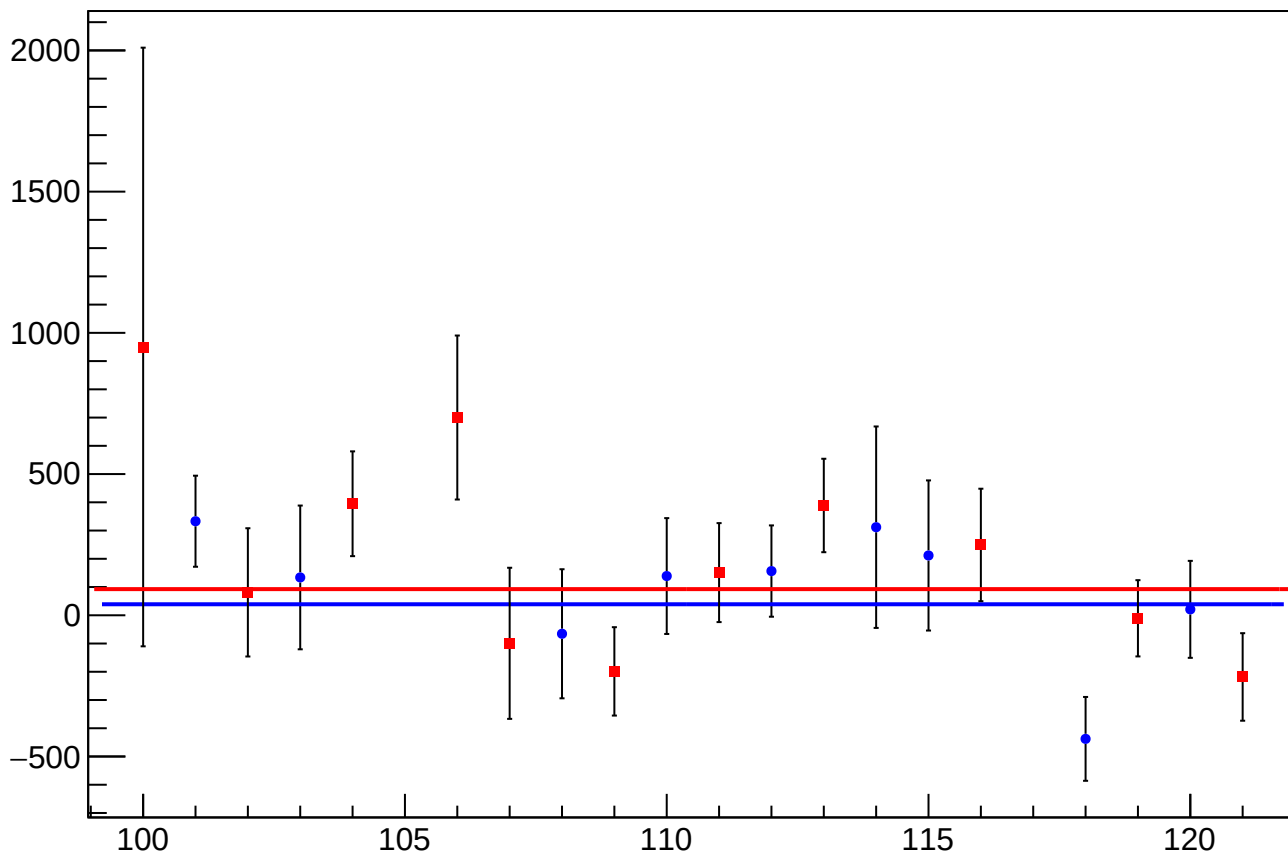
Right: 1395.297+/-0.349 χ^2/NDF : 290995.9/19

In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.297+/-0.349 χ^2/NDF : 290995.9/19

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.628+/-57.085 χ^2/NDF : 20.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

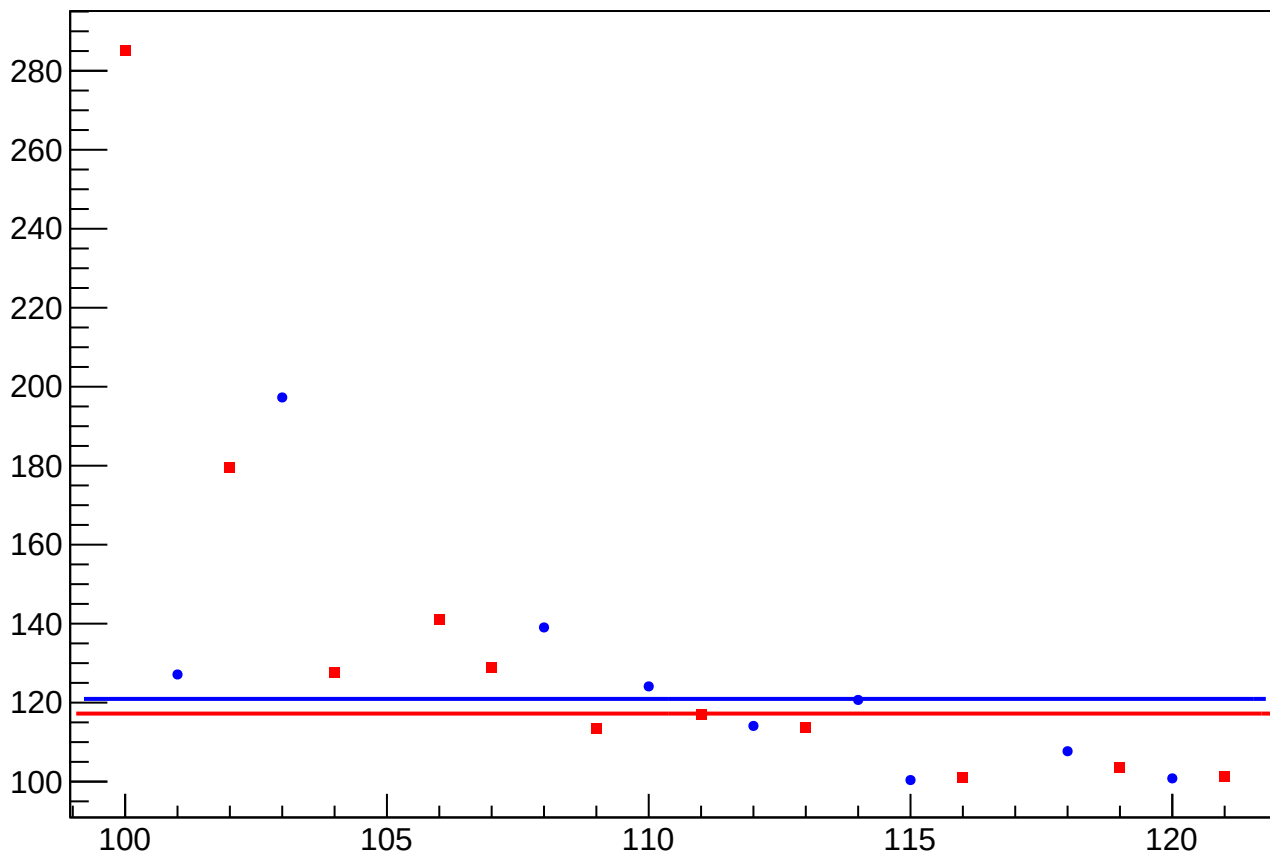
Right: 69.291+/-42.901 χ^2/NDF : 36.4/19

In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.291+/-42.901 χ^2/NDF : 36.4/19

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.943+/-0.046 χ^2/NDF : 254862.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.228+/-0.040 χ^2/NDF : 280919.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

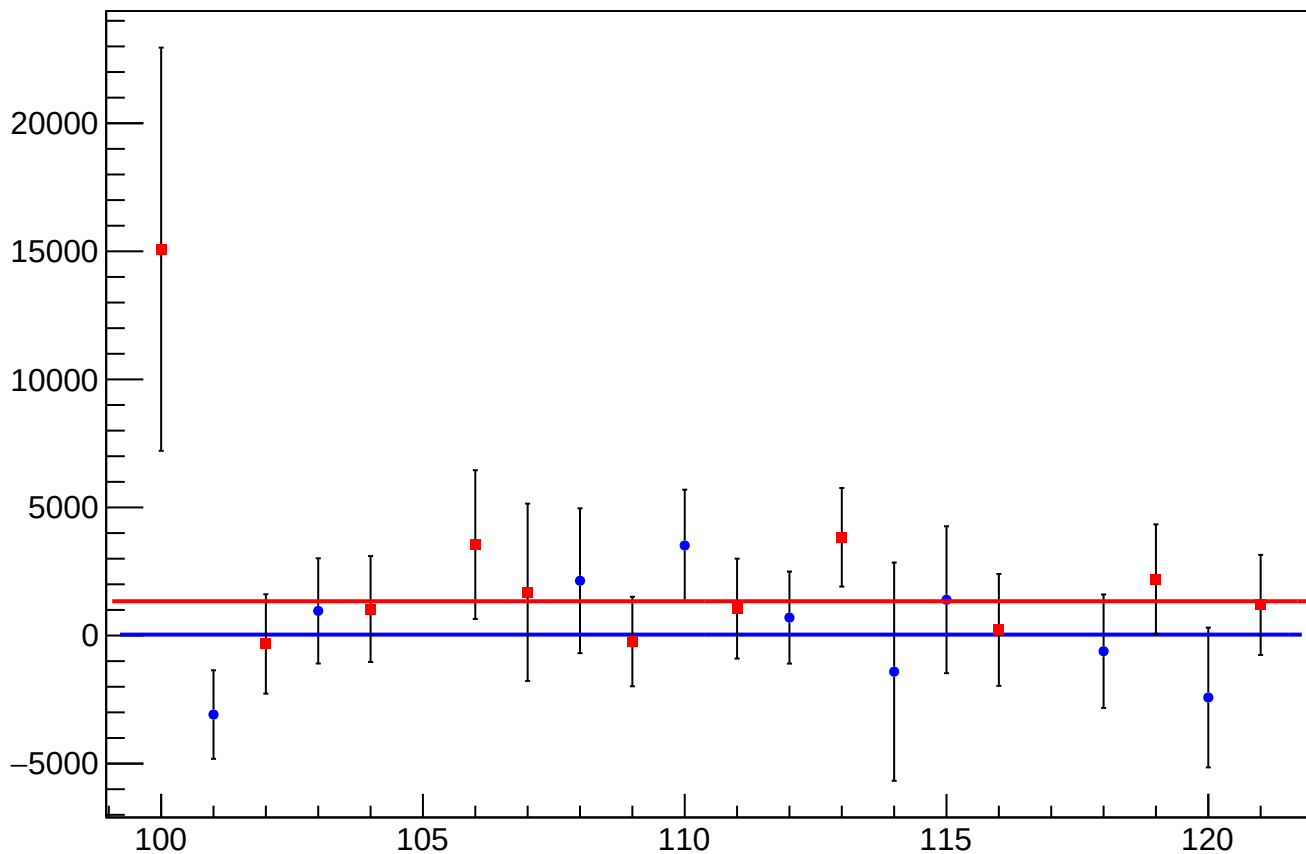
Right: 118.845+/-0.030 χ^2/NDF : 539468.5/19

In: 120.943+/-0.046 χ^2/NDF : 254862.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.845+/-0.030 χ^2/NDF : 539468.5/19

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 36.042+/-759.859 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.929+/-663.943 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

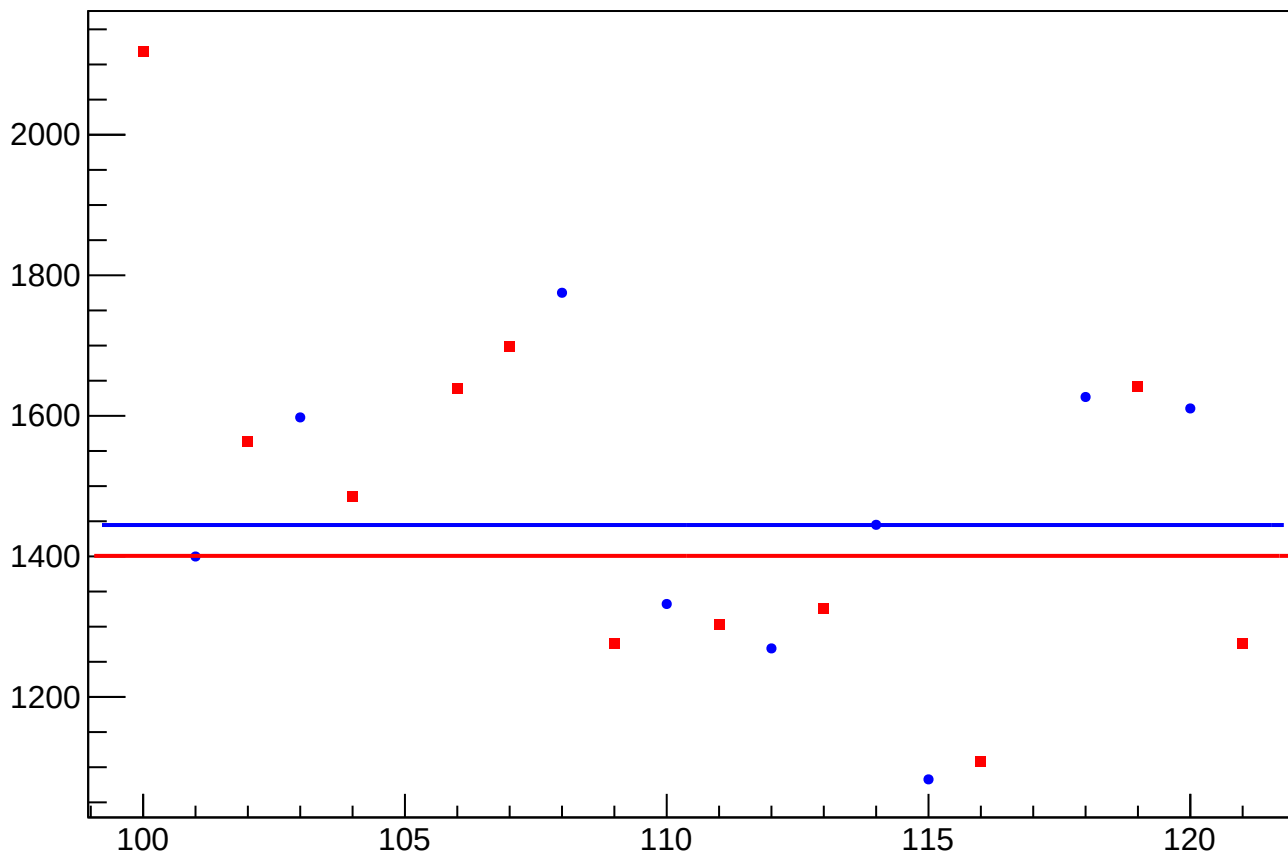
Right: 774.859+/-499.972 χ^2/NDF : 17.0/19

In: 36.042+/-759.859 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.859+/-499.972 χ^2/NDF : 17.0/19

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1444.648+/-0.537 χ^2/NDF : 116962.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.738+/-0.469 χ^2/NDF : 149734.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

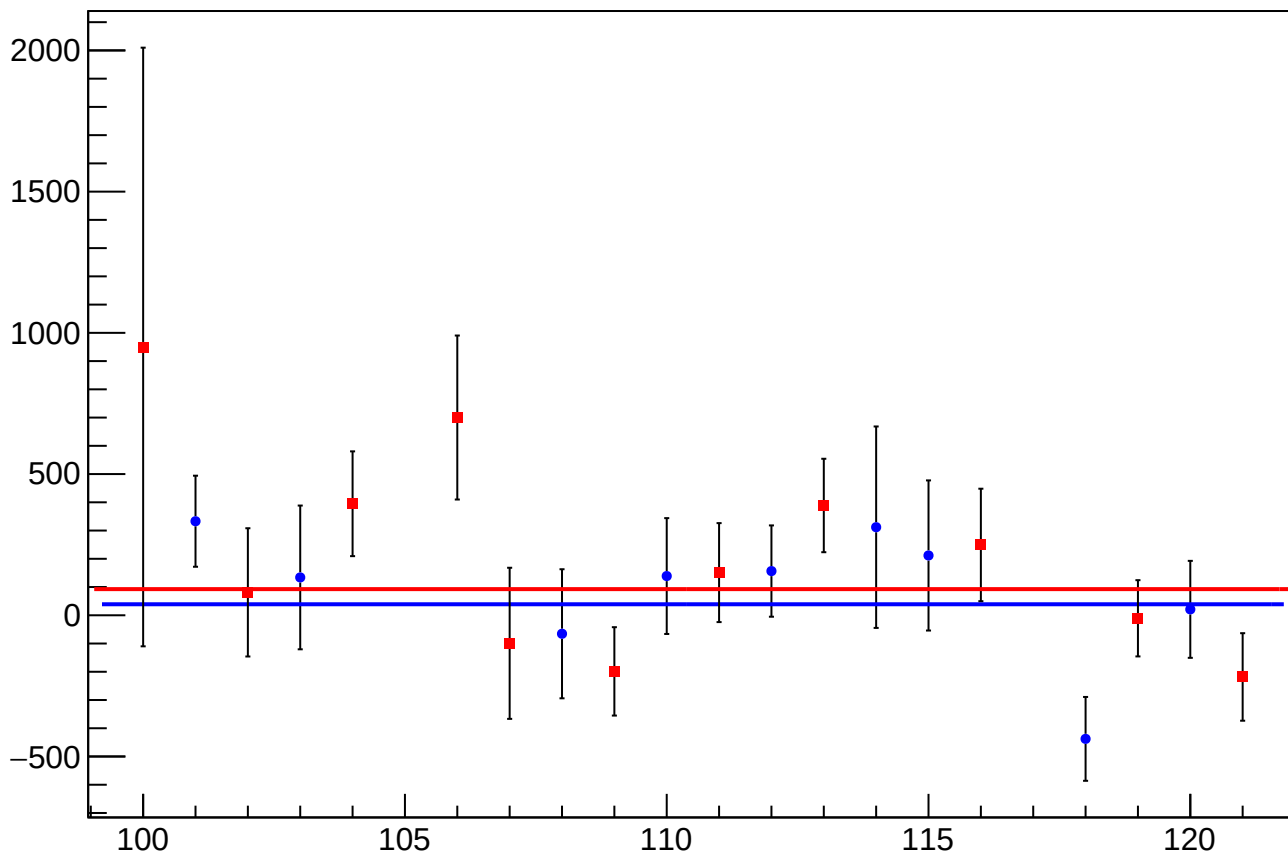
Right: 1419.748+/-0.354 χ^2/NDF : 270483.6/19

In: 1444.648+/-0.537 χ^2/NDF : 116962.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.748+/-0.354 χ^2/NDF : 270483.6/19

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.626+/-57.084 χ^2/NDF : 20.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

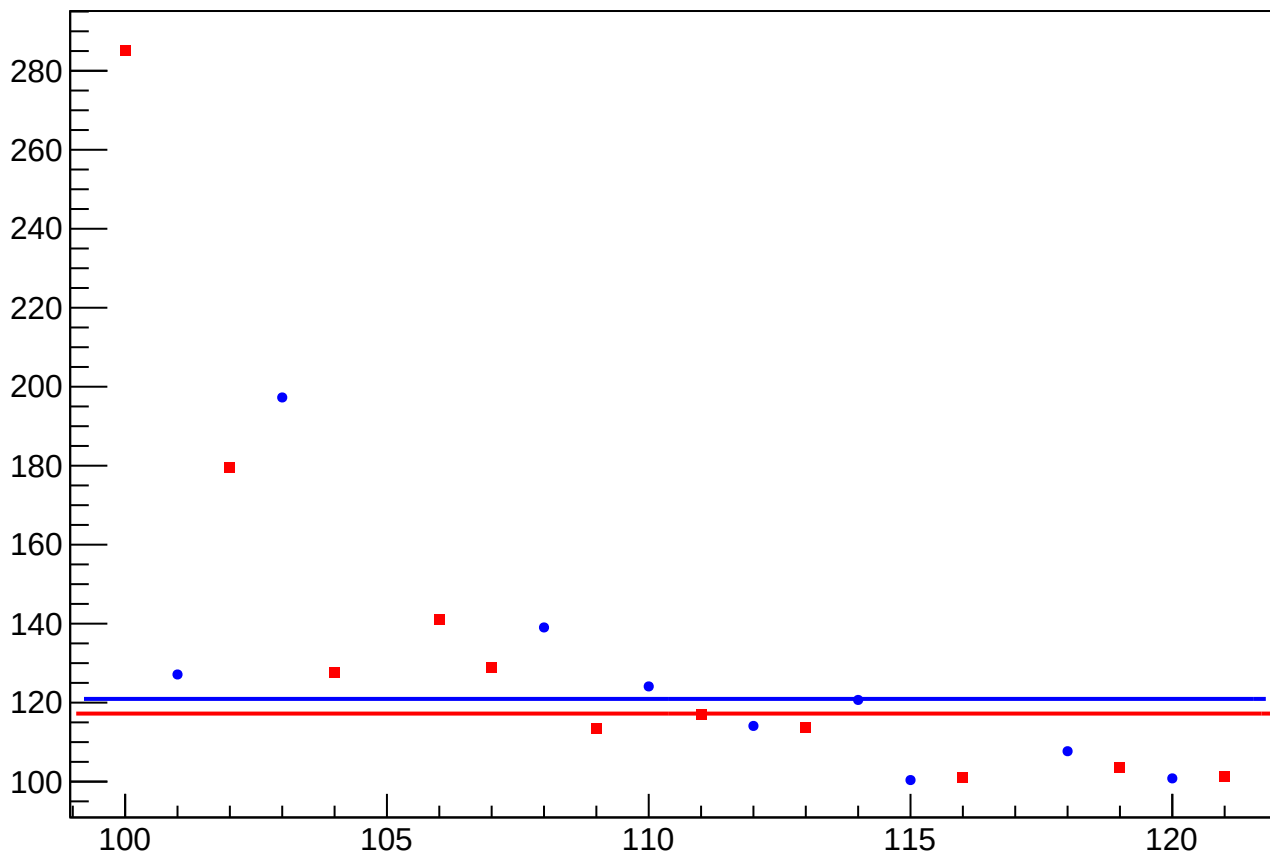
Right: 69.290+/-42.901 χ^2/NDF : 36.4/19

In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.290+/-42.901 χ^2/NDF : 36.4/19

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.942 $\pm$ 0.046 χ^2 /NDF: 254864.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.227 $\pm$ 0.040 χ^2 /NDF: 280920.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

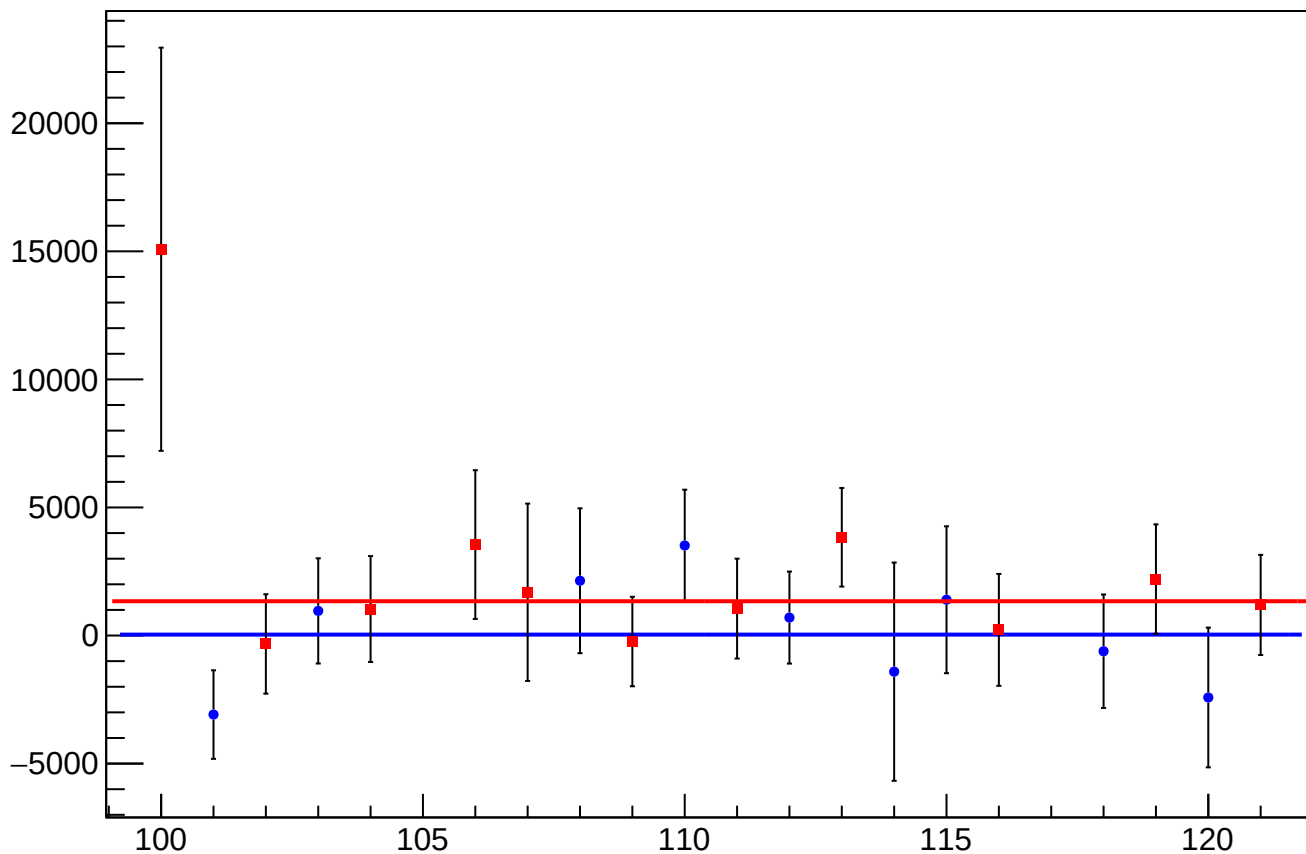
Right: 118.844 $\pm$ 0.030 χ^2 /NDF: 539470.4/19

In: 120.942 $\pm$ 0.046 χ^2 /NDF:254864.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.844 $\pm$ 0.030 χ^2 /NDF: 539470.4/19

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 36.045+/-759.857 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.927+/-663.941 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

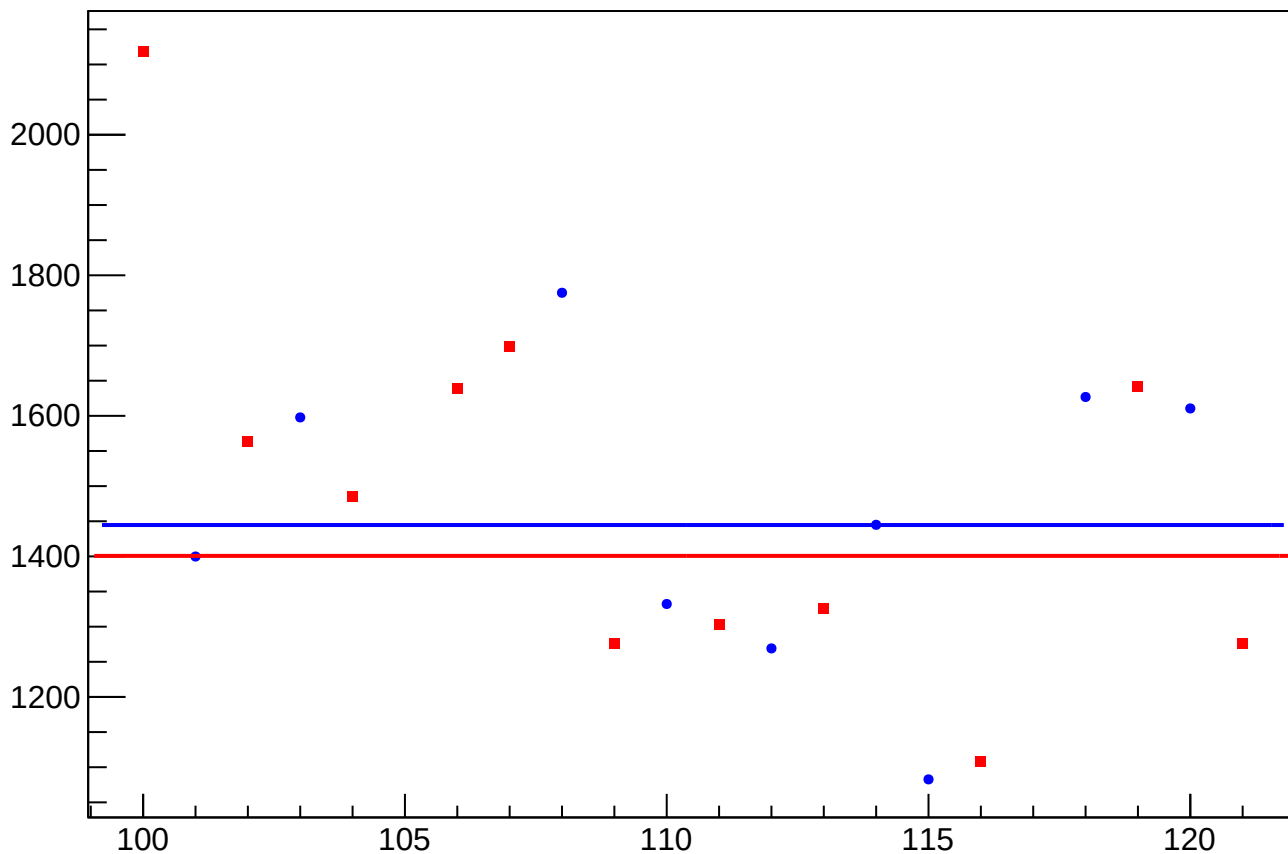
Right: 774.859+/-499.971 χ^2/NDF : 17.0/19

In: 36.045+/-759.857 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.859+/-499.971 χ^2/NDF : 17.0/19

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1444.643+/-0.537 χ^2/NDF : 116963.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.734+/-0.469 χ^2/NDF : 149735.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

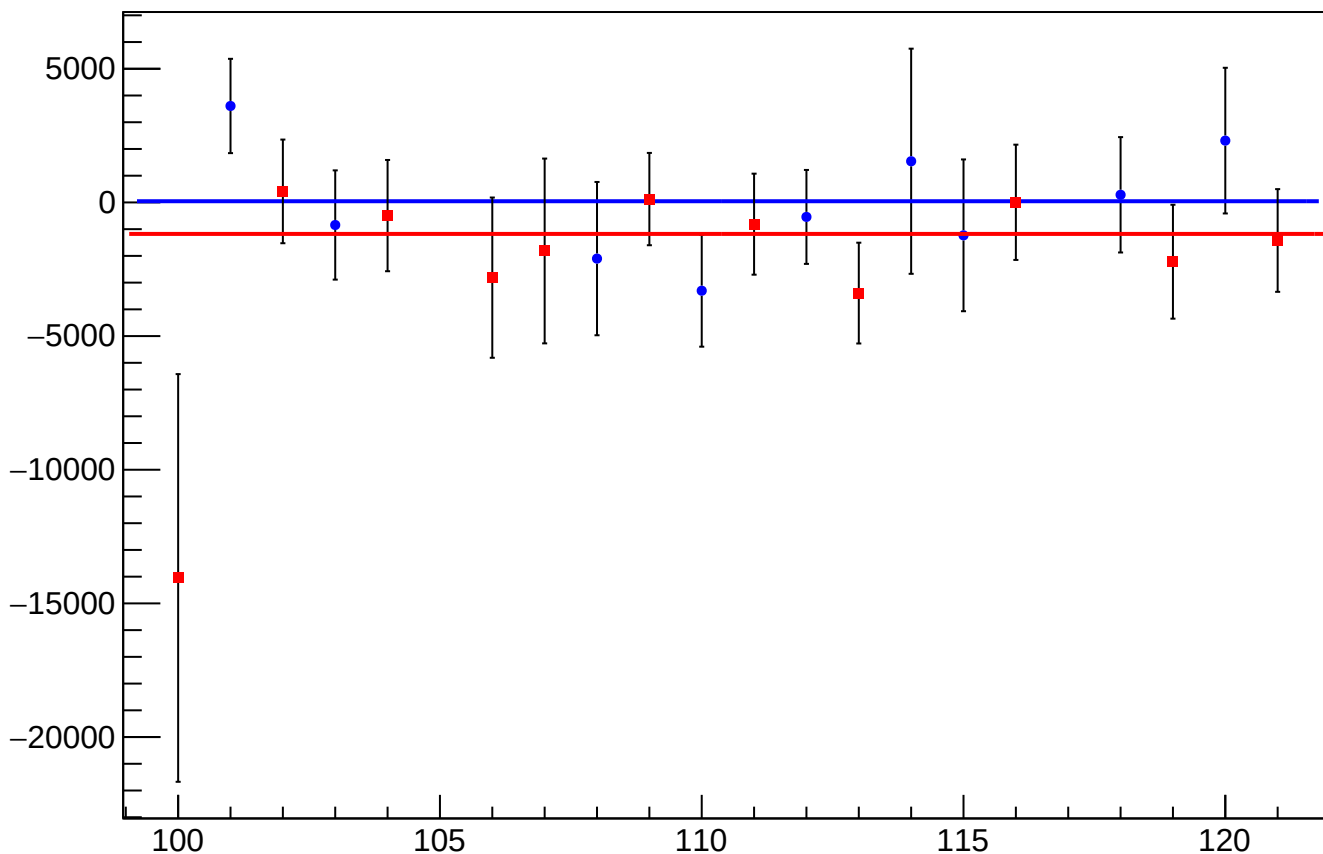
Right: 1419.744+/-0.354 χ^2/NDF : 270486.0/19

In: 1444.643+/-0.537 χ^2/NDF : 116963.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.744+/-0.354 χ^2/NDF : 270486.0/19

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 44.921+/-752.843 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1178.052+/-657.625 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

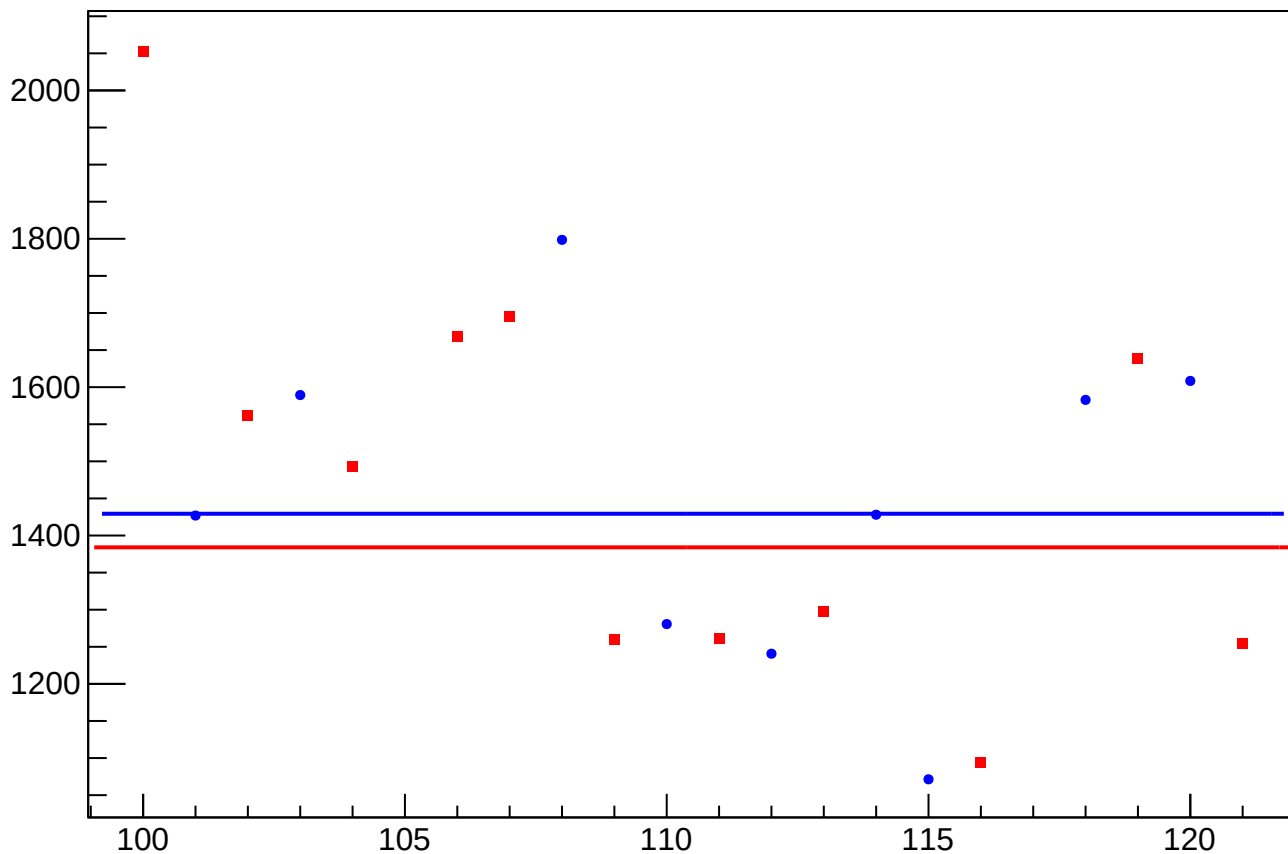
Right: -648.752+/-495.276 χ^2/NDF : 16.5/19

In: 44.921+/-752.843 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -648.752+/-495.276 χ^2/NDF : 16.5/19

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1429.356+/-0.532 χ^2/NDF : 129135.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.069+/-0.465 χ^2/NDF : 168693.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

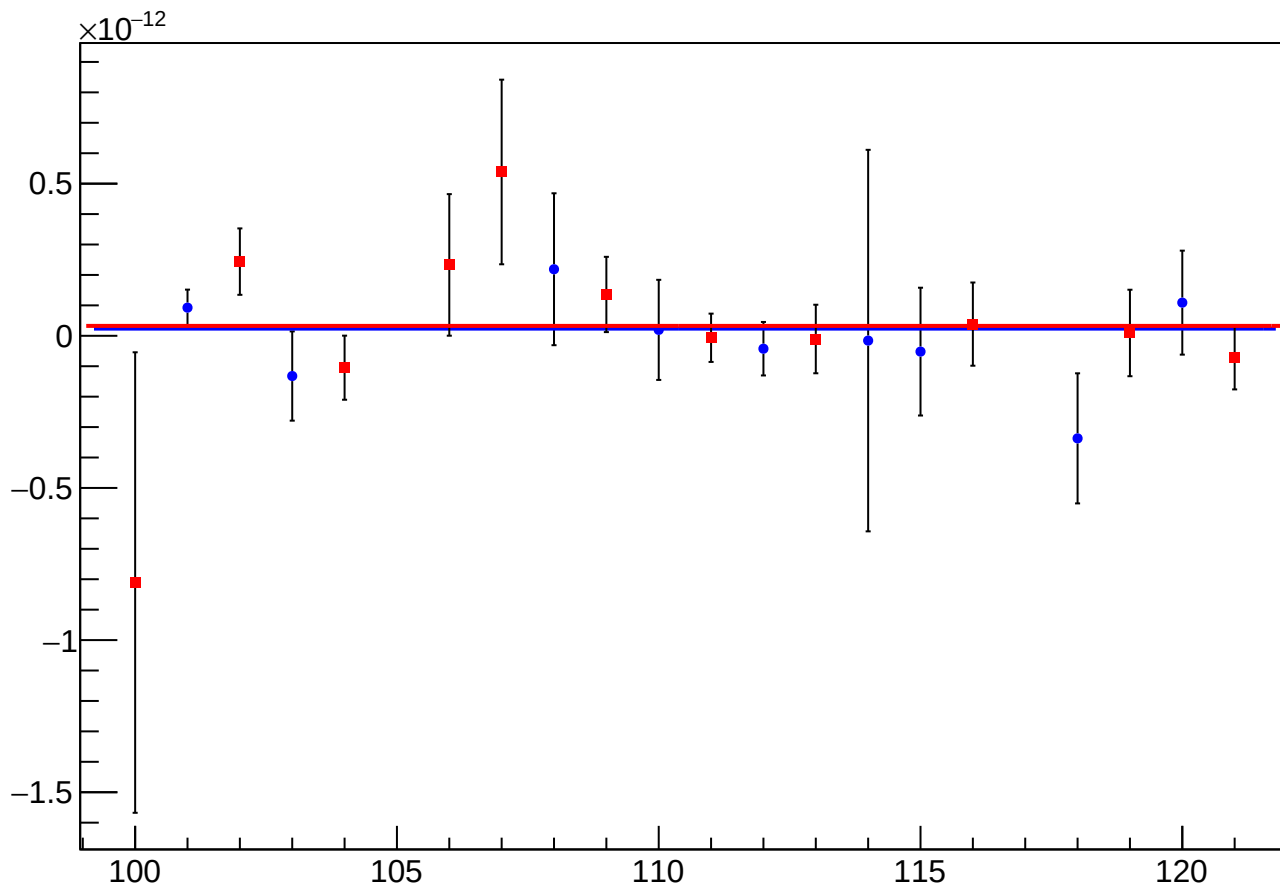
Right: 1403.669+/-0.350 χ^2/NDF : 301933.6/19

In: 1429.356+/-0.532 χ^2/NDF : 129135.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.669+/-0.350 χ^2/NDF : 301933.6/19

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

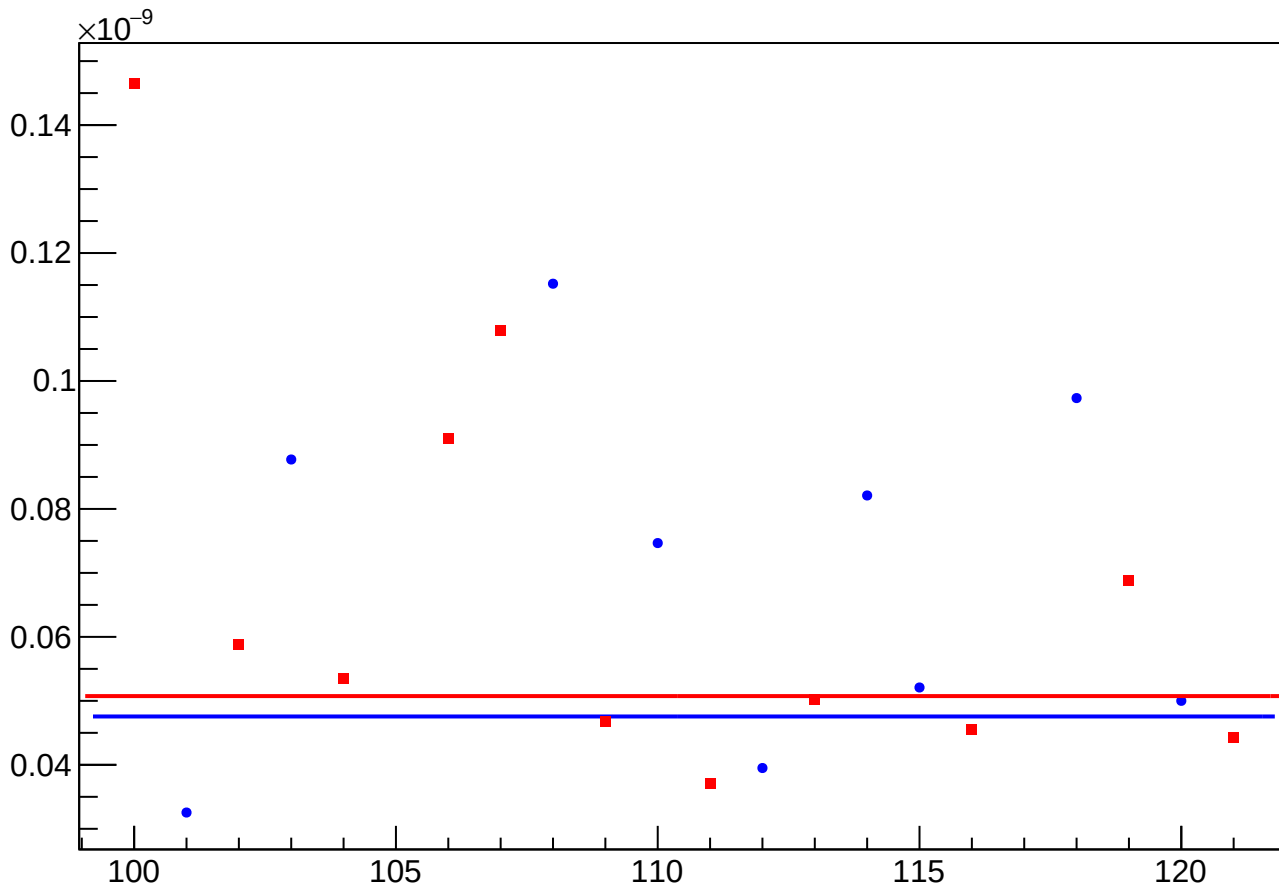
Right: 0.000+/-0.000 χ^2/NDF : 19.2/19

In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/19

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 612235.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 278865.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

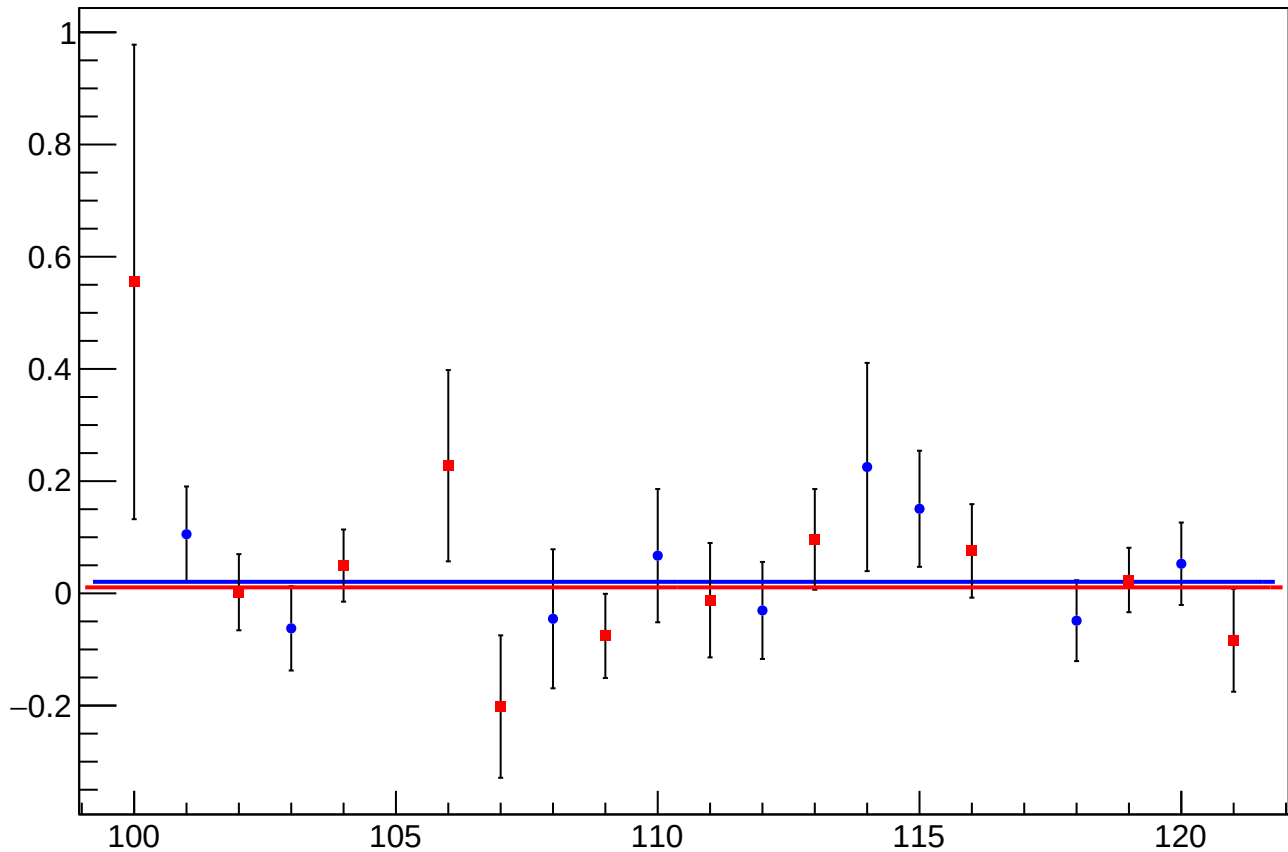
Right: 0.000+/-0.000 χ^2/NDF : 897640.1/19

In: 0.000+/-0.000 χ^2/NDF : 612235.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 897640.1/19

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.026 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

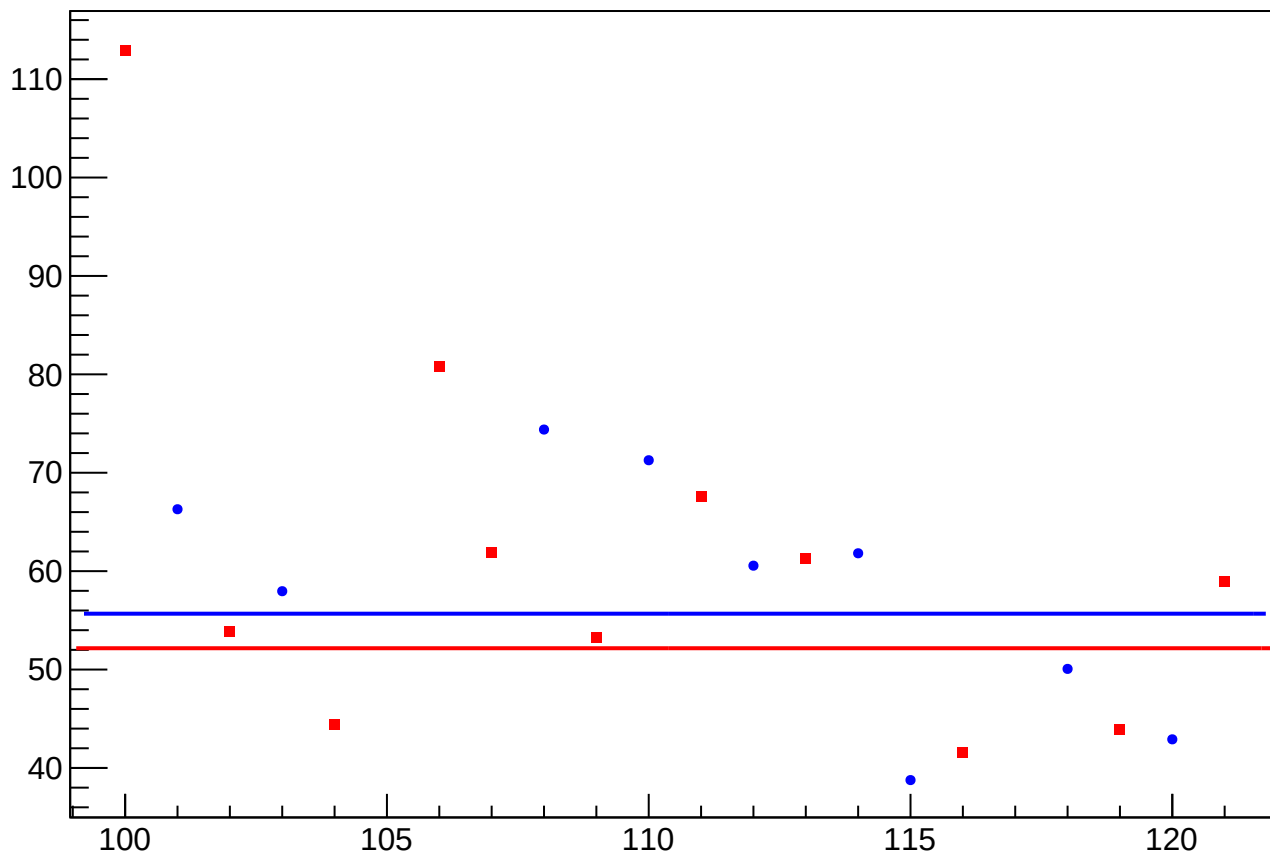
Right: 0.015+/-0.020 χ^2/NDF : 17.4/19

In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.020 χ^2/NDF : 17.4/19

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.677 $\pm$ 0.021 χ^2 /NDF: 247564.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.167 $\pm$ 0.018 χ^2 /NDF: 291320.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

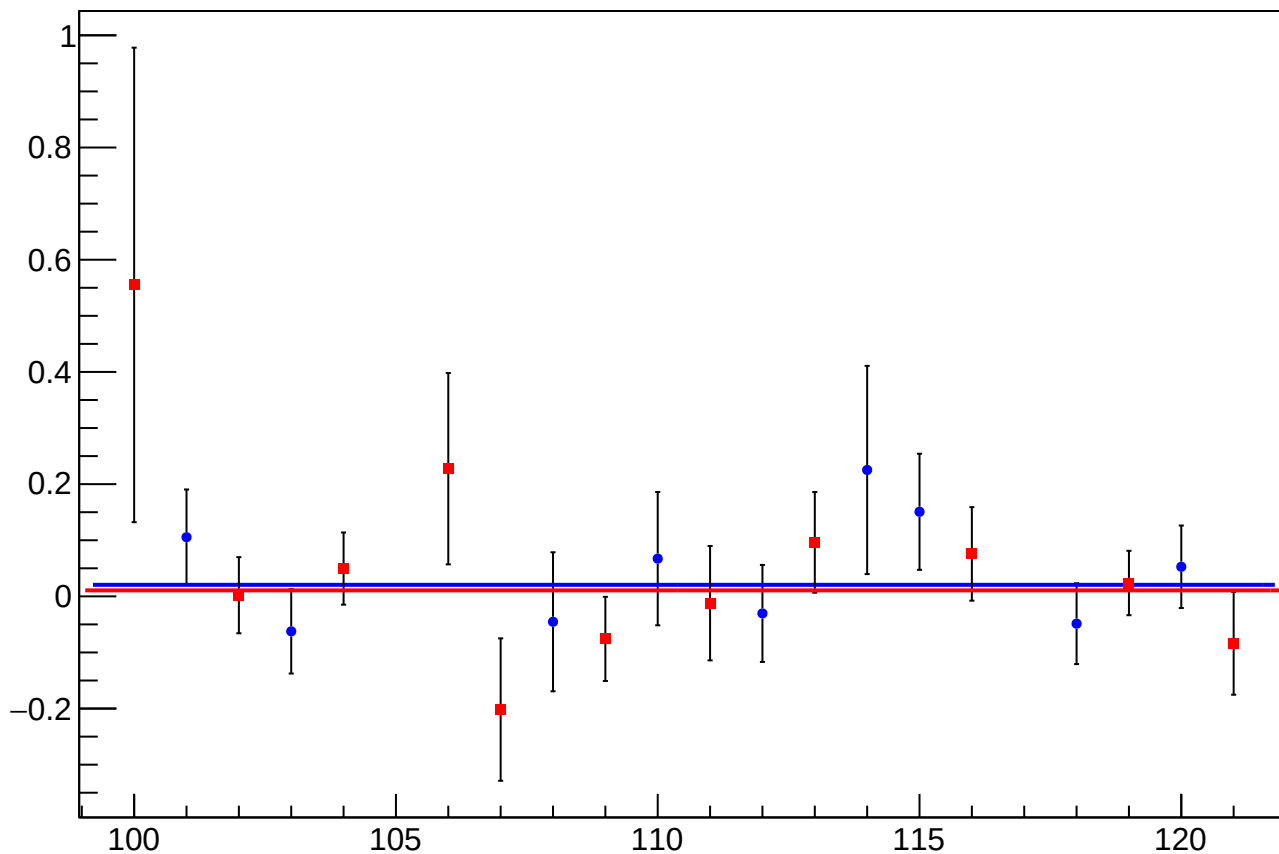
Right: 53.626 $\pm$ 0.014 χ^2 /NDF: 554510.1/19

In: 55.677 $\pm$ 0.021 χ^2 /NDF:247564.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.626 $\pm$ 0.014 χ^2 /NDF: 554510.1/19

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.030 χ^2/NDF : 6.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 $\pm$ 0.026 χ^2/NDF : 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

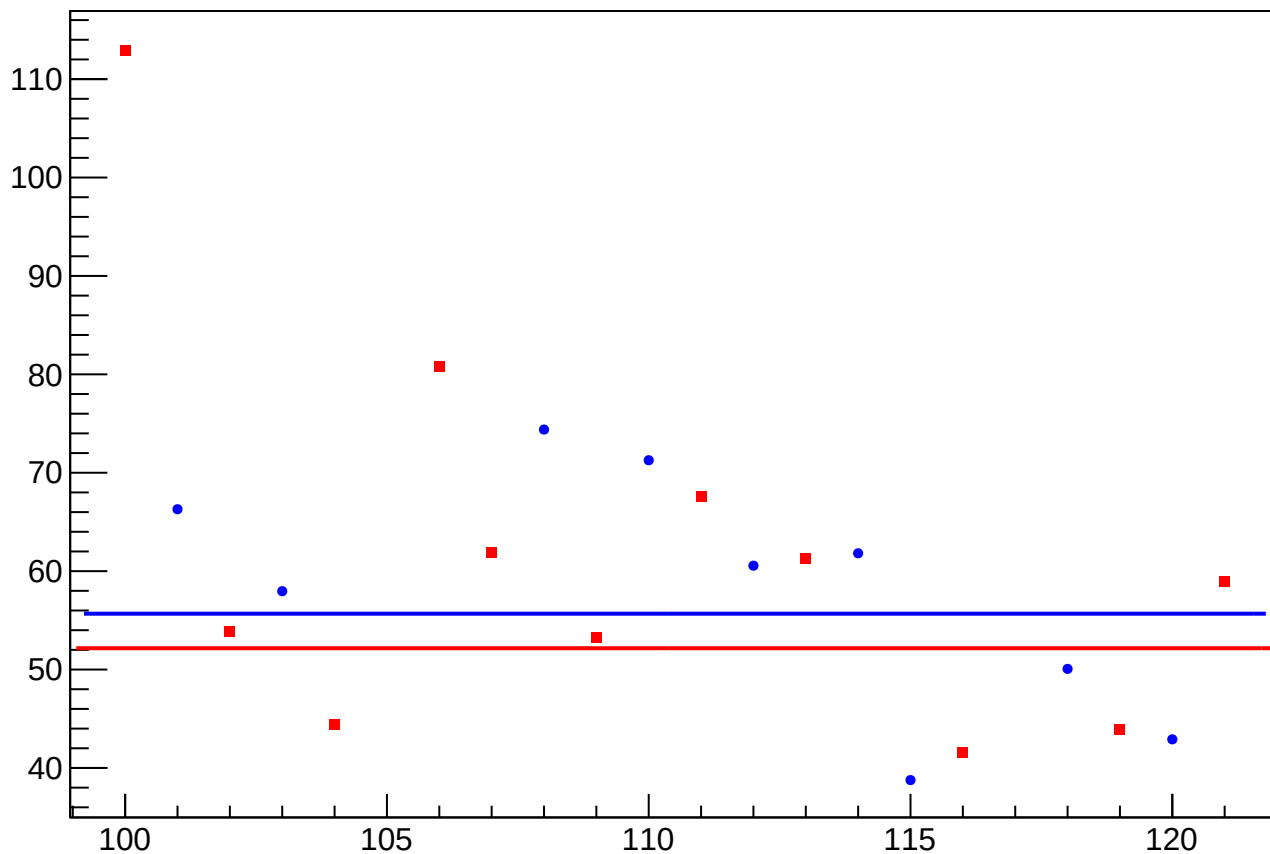
Right: 0.015 $\pm$ 0.020 χ^2/NDF : 17.4/19

In: 0.021 $\pm$ 0.030 χ^2/NDF : 6.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.015 $\pm$ 0.020 χ^2/NDF : 17.4/19

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.677+/-0.021 χ^2/NDF : 247564.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.167+/-0.018 χ^2/NDF : 291320.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

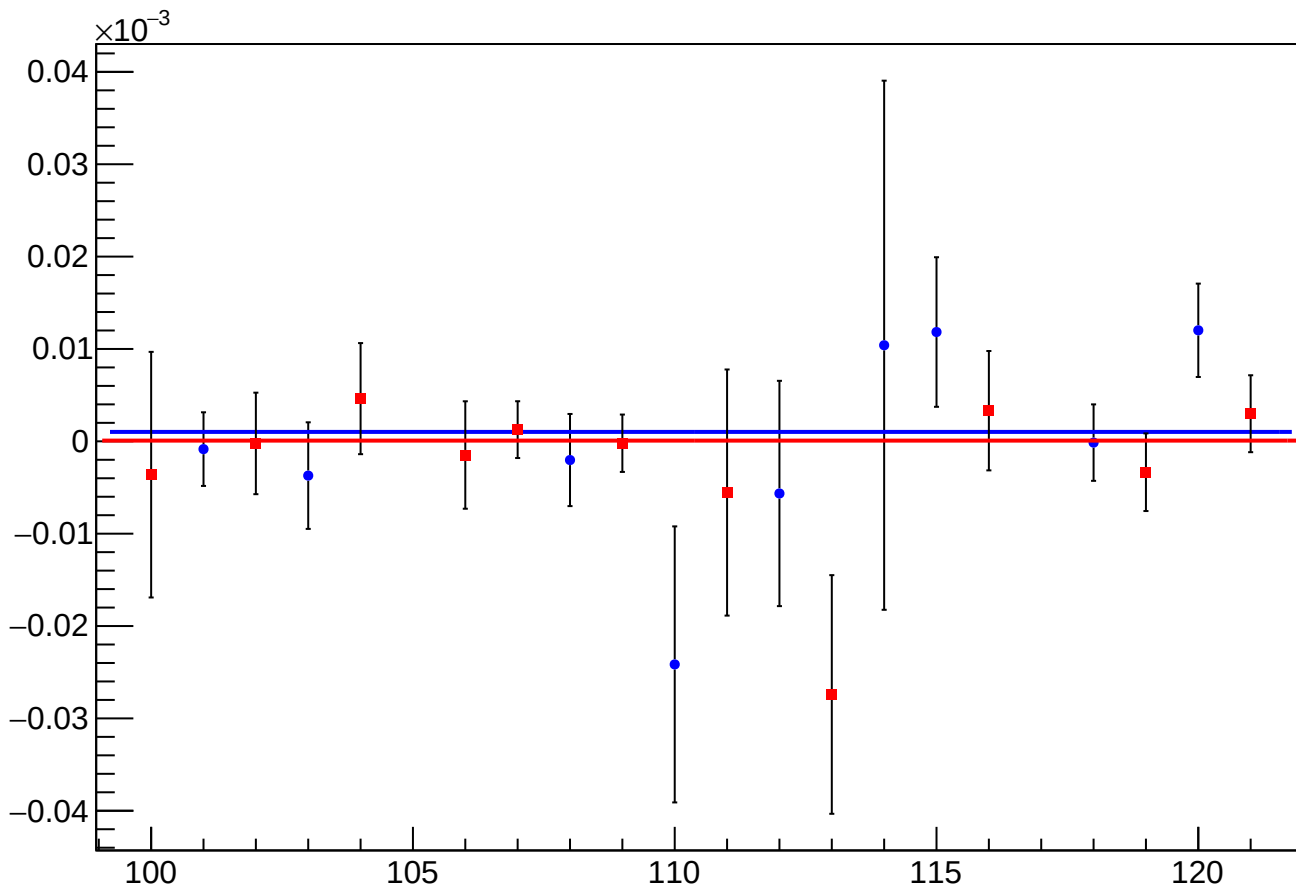
Right: 53.626+/-0.014 χ^2/NDF : 554510.1/19

In: 55.677+/-0.021 χ^2/NDF : 247564.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.626+/-0.014 χ^2/NDF : 554510.1/19

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

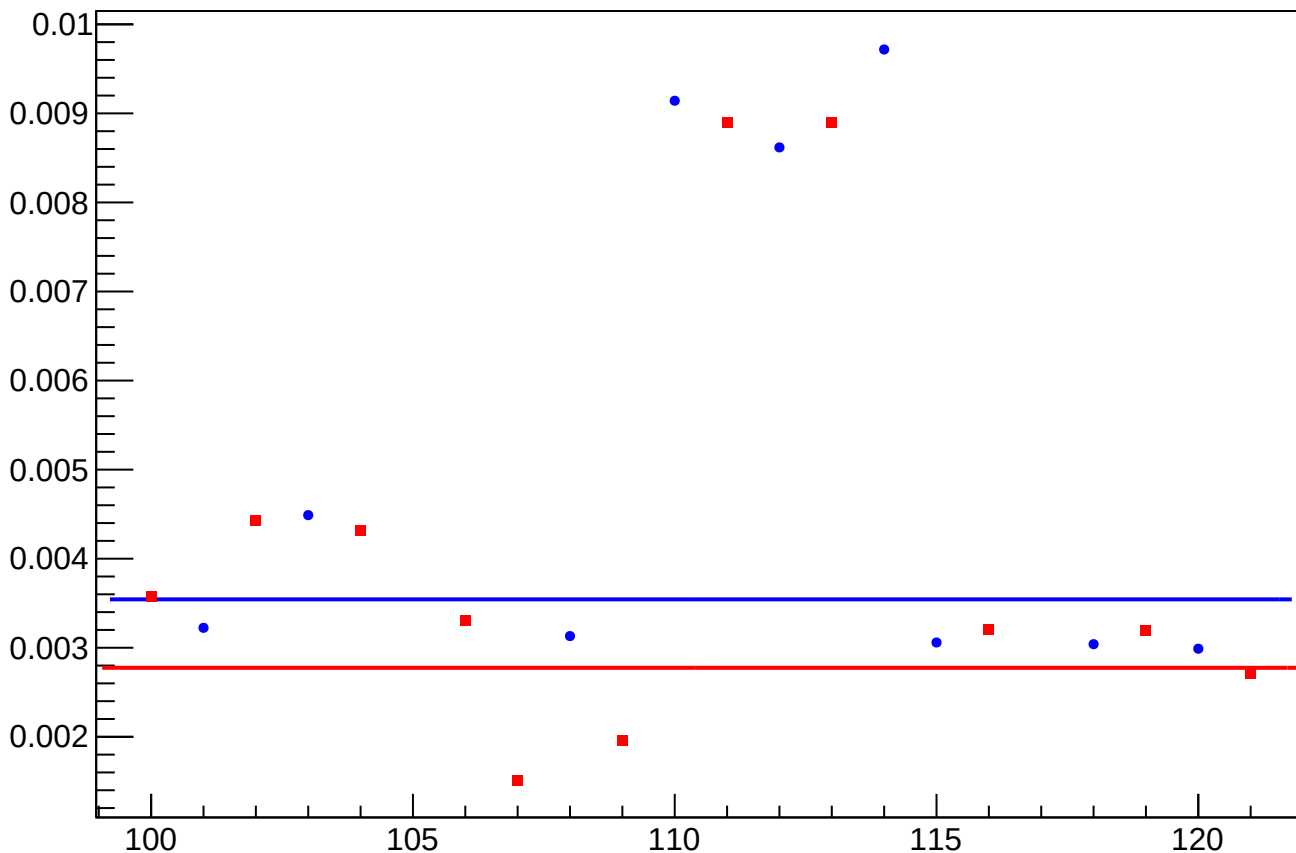
Right: 0.000+/-0.000 χ^2/NDF : 18.2/19

In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.2/19

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 860828.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1714233.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

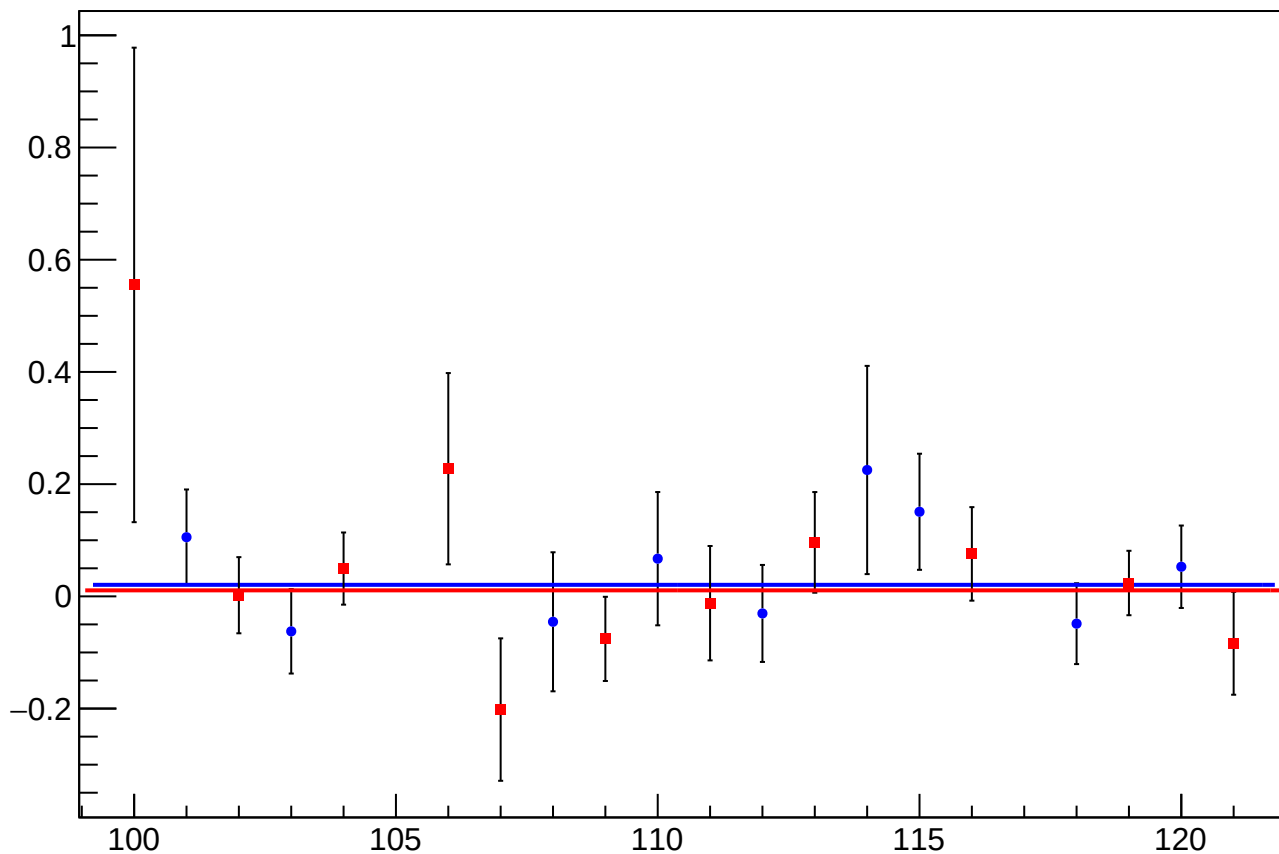
Right: 0.003+/-0.000 χ^2/NDF : 2769648.0/19

In: 0.004+/-0.000 χ^2/NDF : 860828.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2769648.0/19

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.030 χ^2/NDF : 6.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 $\pm$ 0.026 χ^2/NDF : 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

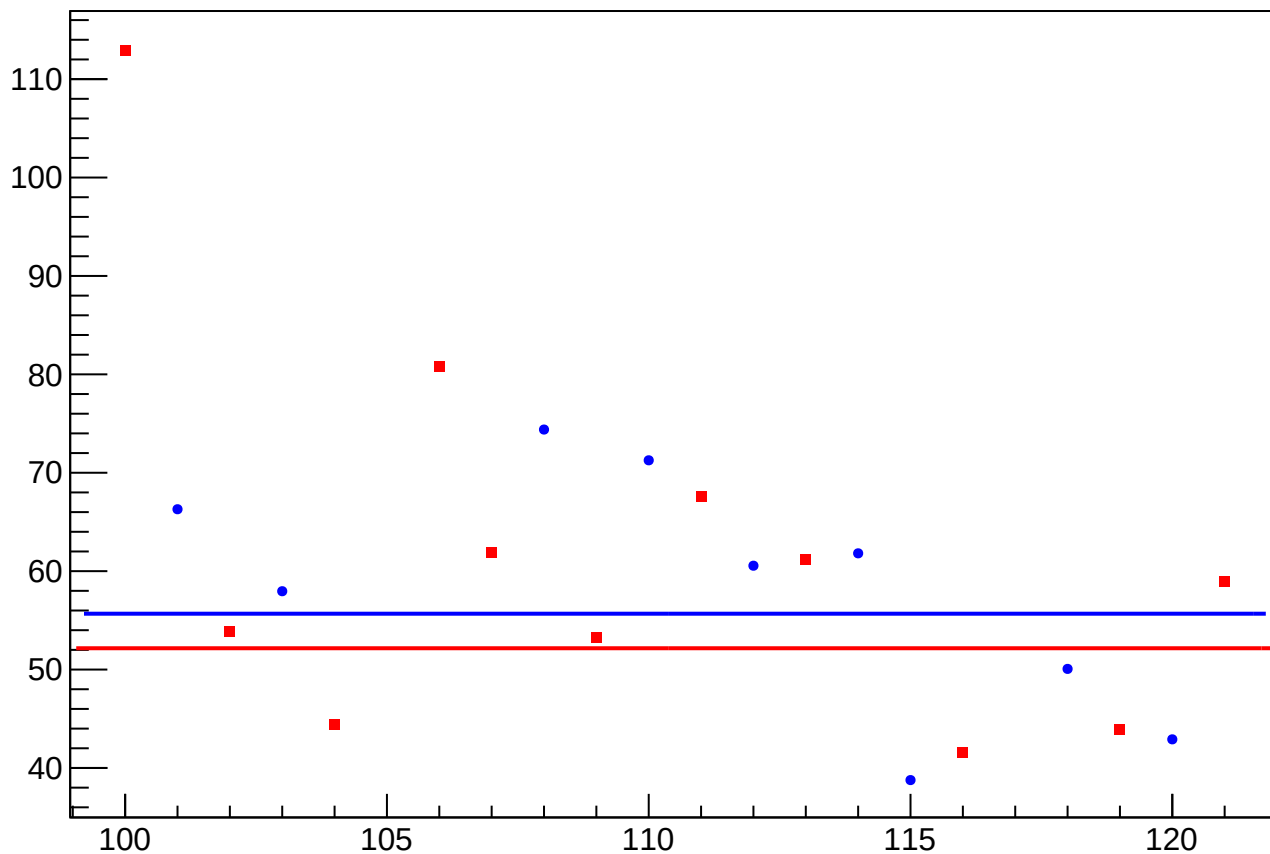
Right: 0.015 $\pm$ 0.020 χ^2/NDF : 17.4/19

In: 0.021 $\pm$ 0.030 χ^2/NDF : 6.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.015 $\pm$ 0.020 χ^2/NDF : 17.4/19

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.676+/-0.021 χ^2/NDF : 247538.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.166+/-0.018 χ^2/NDF : 291266.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

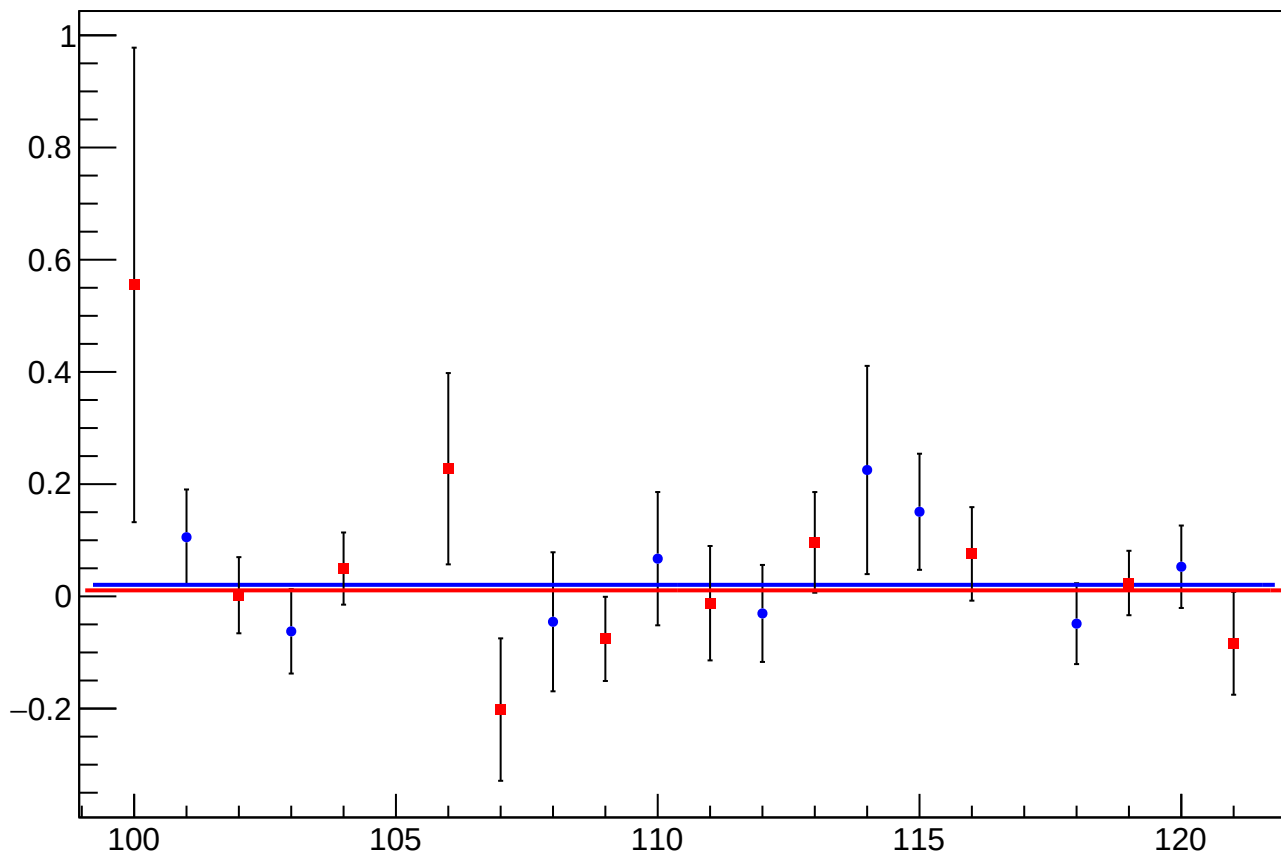
Right: 53.625+/-0.014 χ^2/NDF : 554429.6/19

In: 55.676+/-0.021 χ^2/NDF :247538.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.625+/-0.014 χ^2/NDF : 554429.6/19

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.026 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

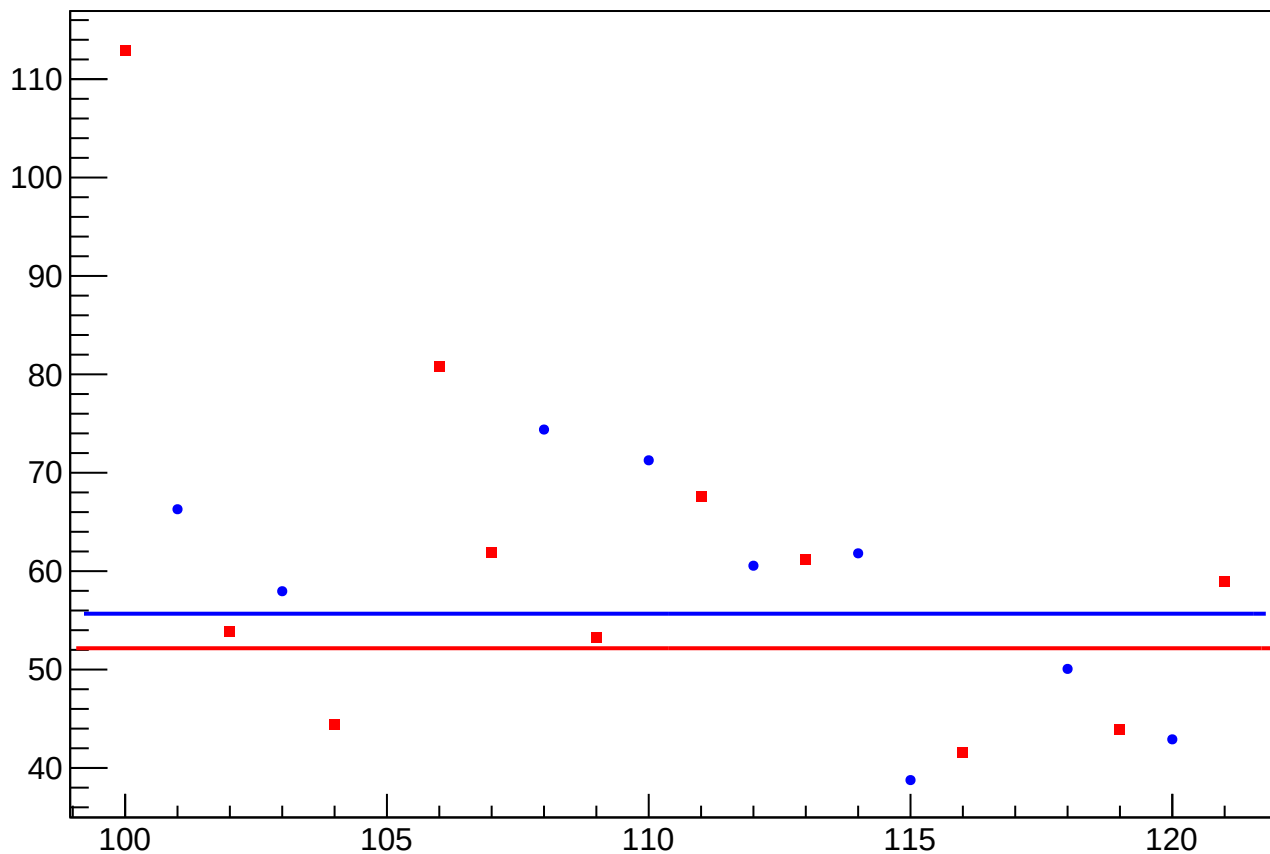
Right: 0.015+/-0.020 χ^2/NDF : 17.4/19

In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.020 χ^2/NDF : 17.4/19

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.676+/-0.021 χ^2/NDF : 247538.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.166+/-0.018 χ^2/NDF : 291266.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

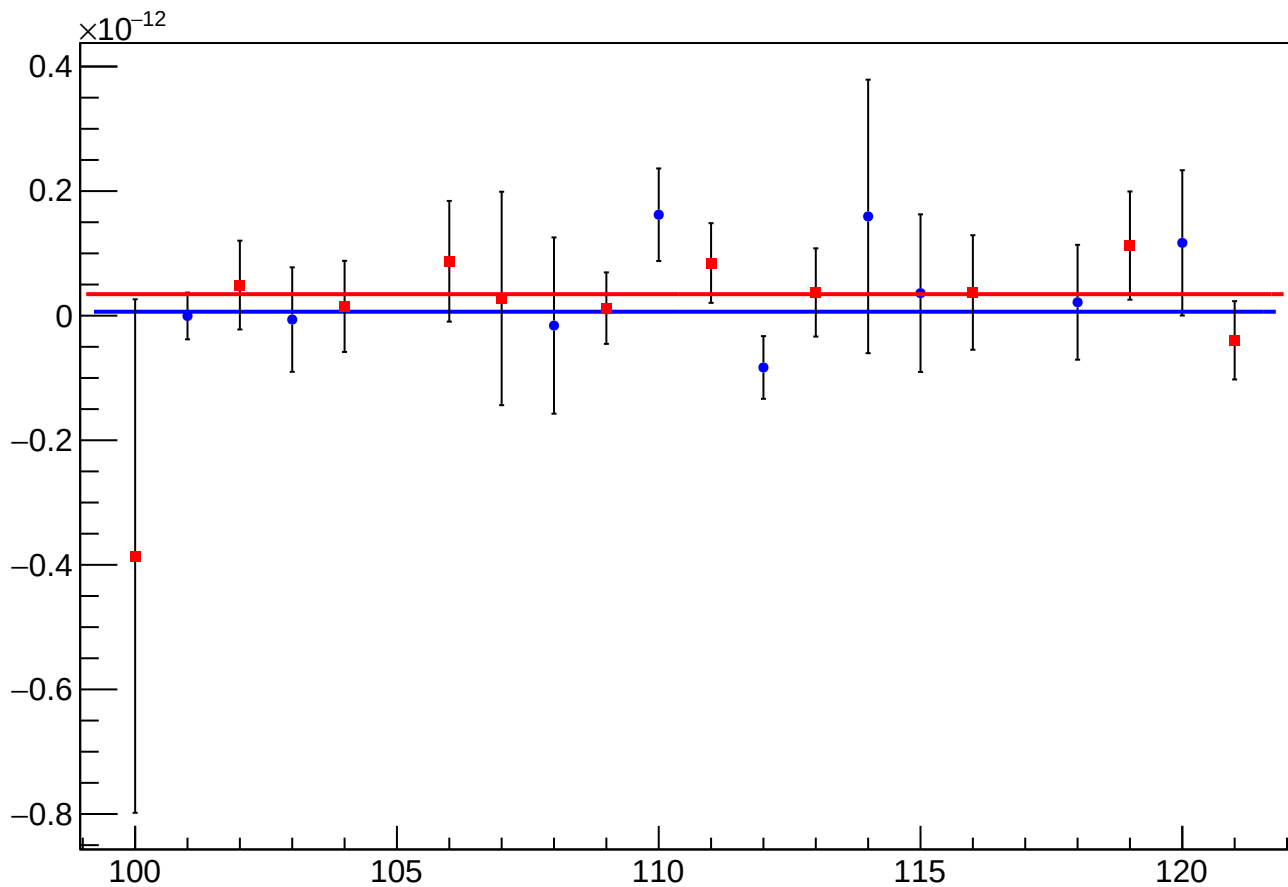
Right: 53.625+/-0.014 χ^2/NDF : 554429.6/19

In: 55.676+/-0.021 χ^2/NDF : 247538.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.625+/-0.014 χ^2/NDF : 554429.6/19

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

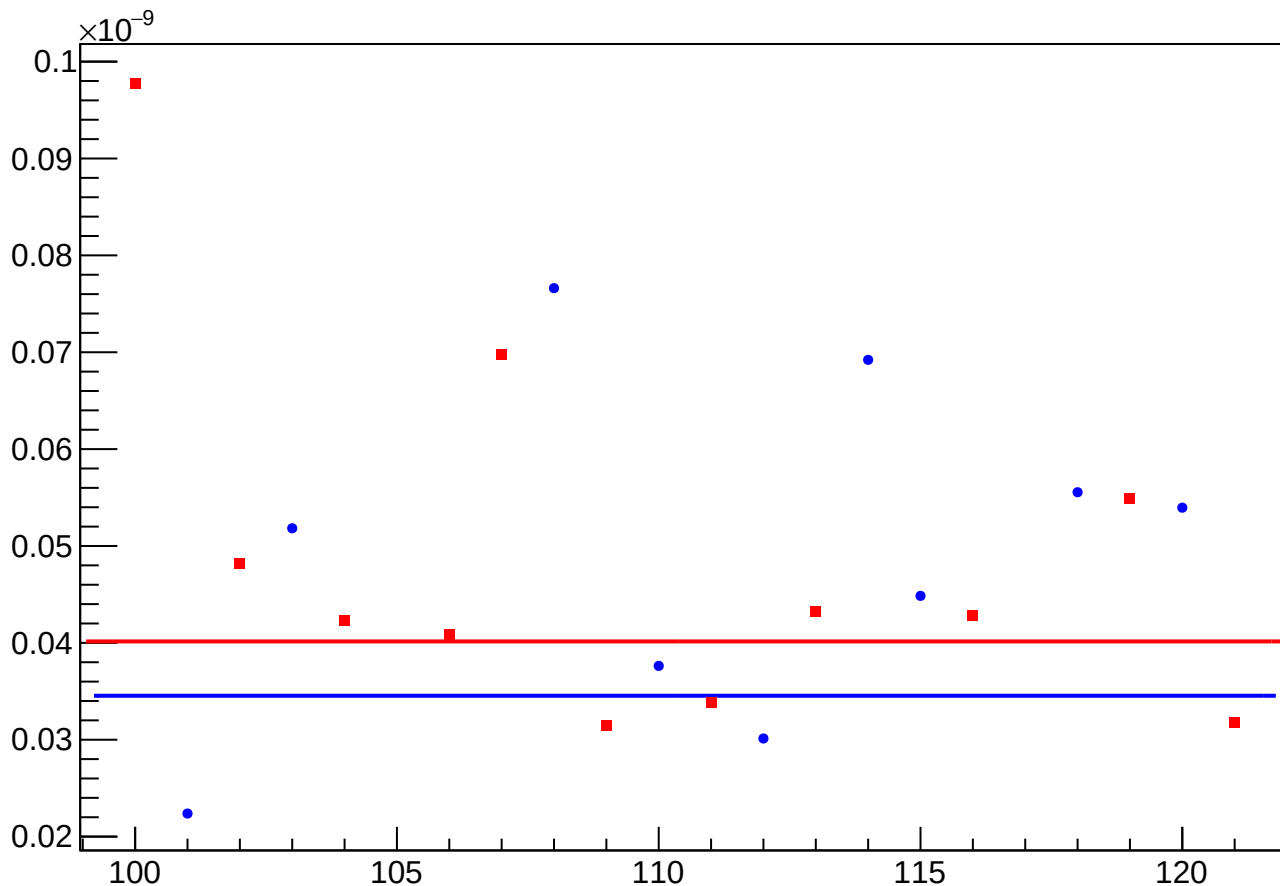
Right: 0.000+/-0.000 χ^2/NDF : 14.2/19

In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.2/19

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 713069.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 289479.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

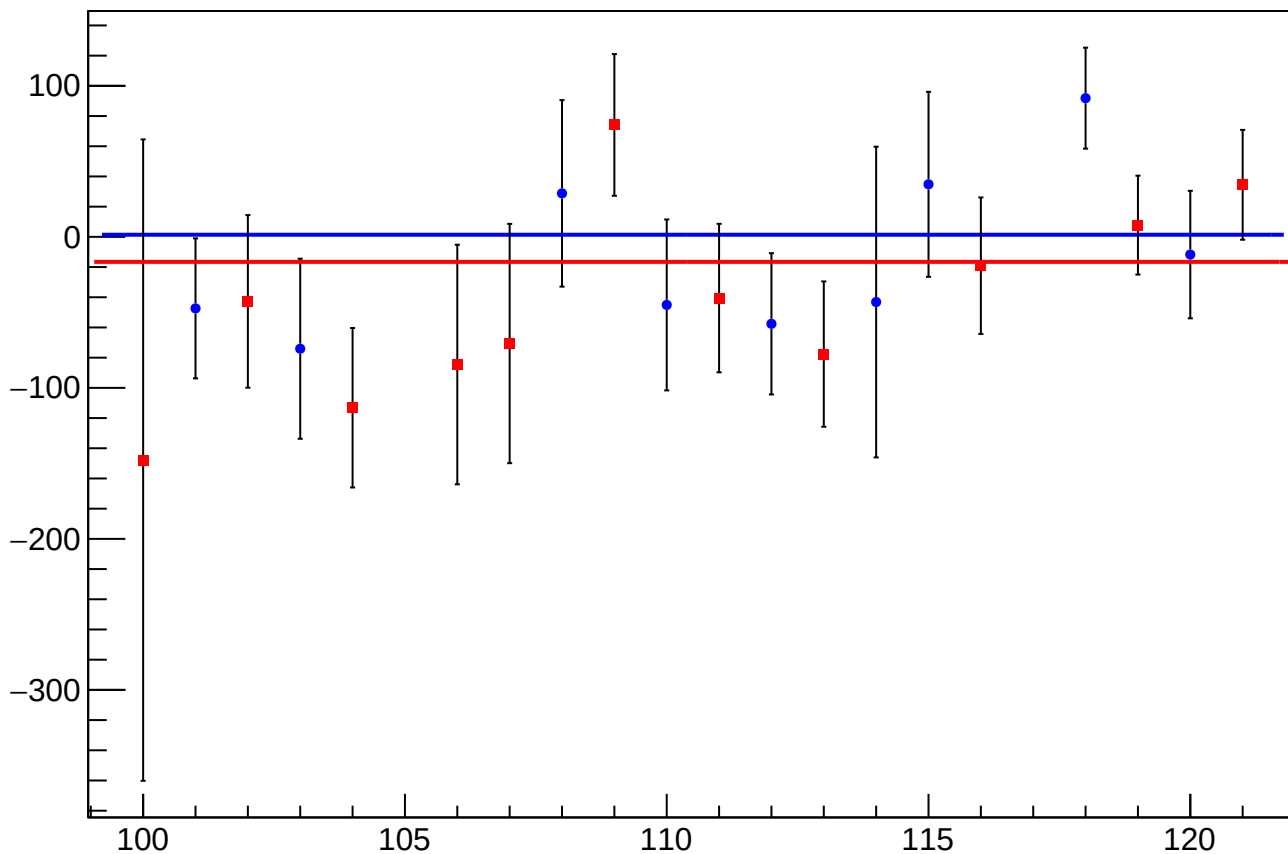
Right: 0.000+/-0.000 χ^2/NDF : 1058139.5/19

In: 0.000+/-0.000 χ^2/NDF :713069.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1058139.5/19

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 1.399+/-16.680 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.562+/-14.934 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

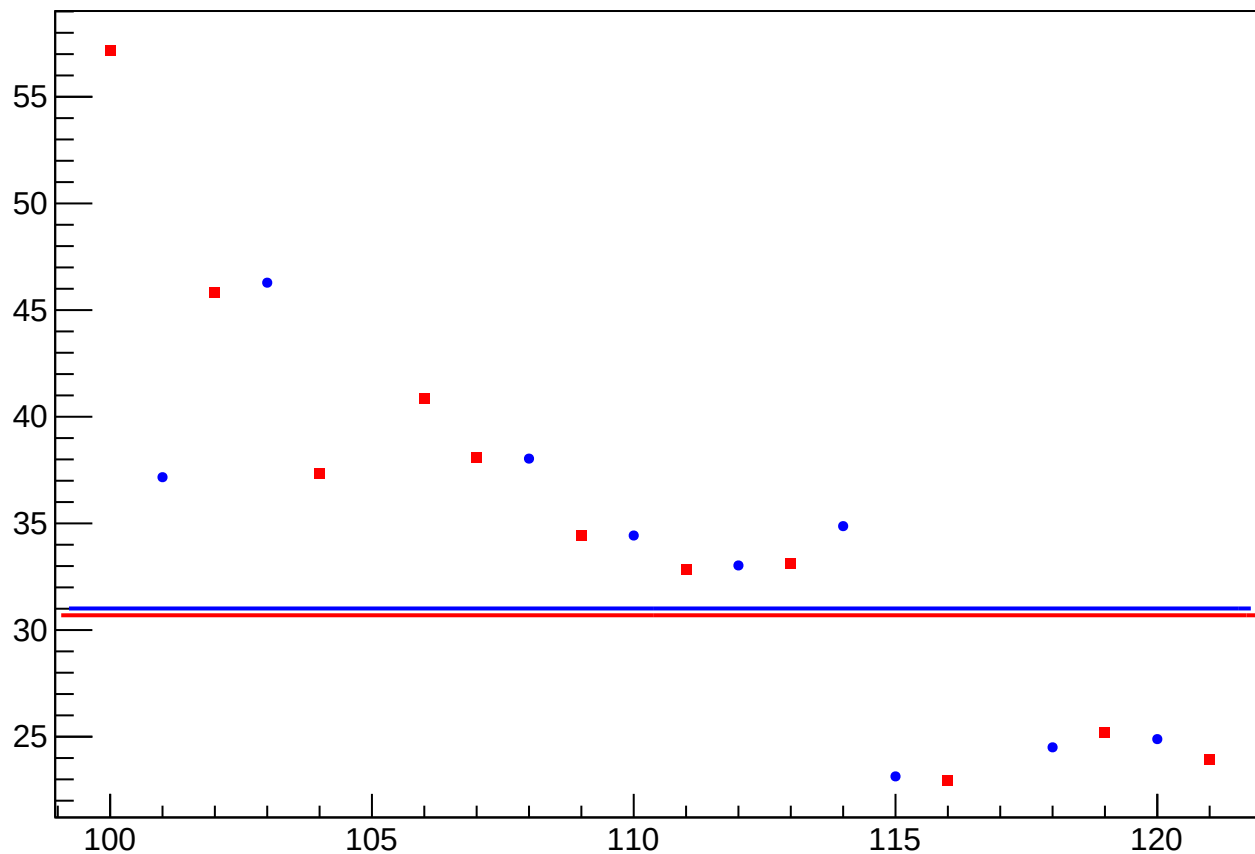
Right: -8.570+/-11.126 χ^2/NDF : 27.0/19

In: 1.399+/-16.680 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.570+/-11.126 χ^2/NDF : 27.0/19

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 31.011+/-0.012 χ^2/NDF : 357085.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.692+/-0.011 χ^2/NDF : 458835.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

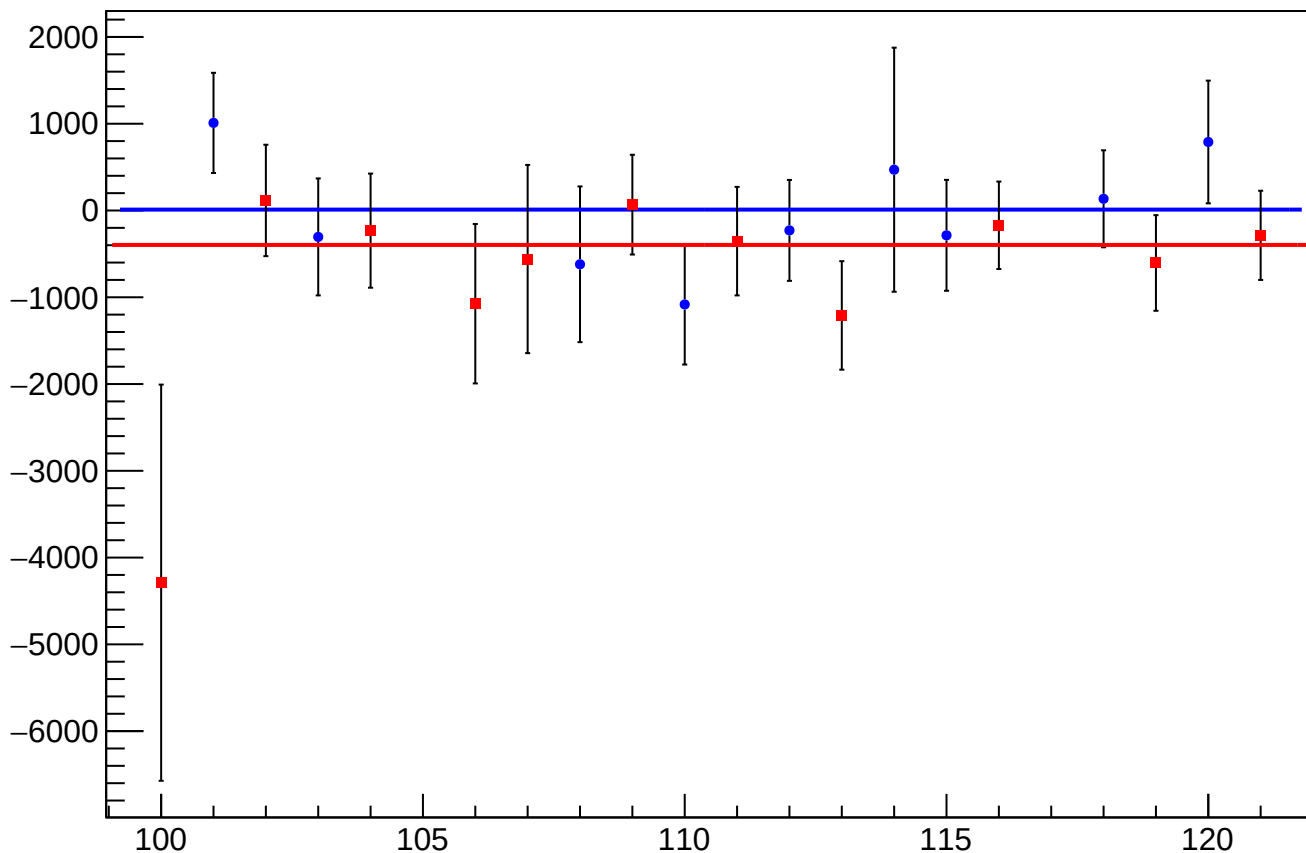
Right: 30.834+/-0.008 χ^2/NDF : 816327.0/19

In: 31.011+/-0.012 χ^2/NDF : 357085.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.834+/-0.008 χ^2/NDF : 816327.0/19

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 10.394+/-225.650 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -396.813+/-195.660 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

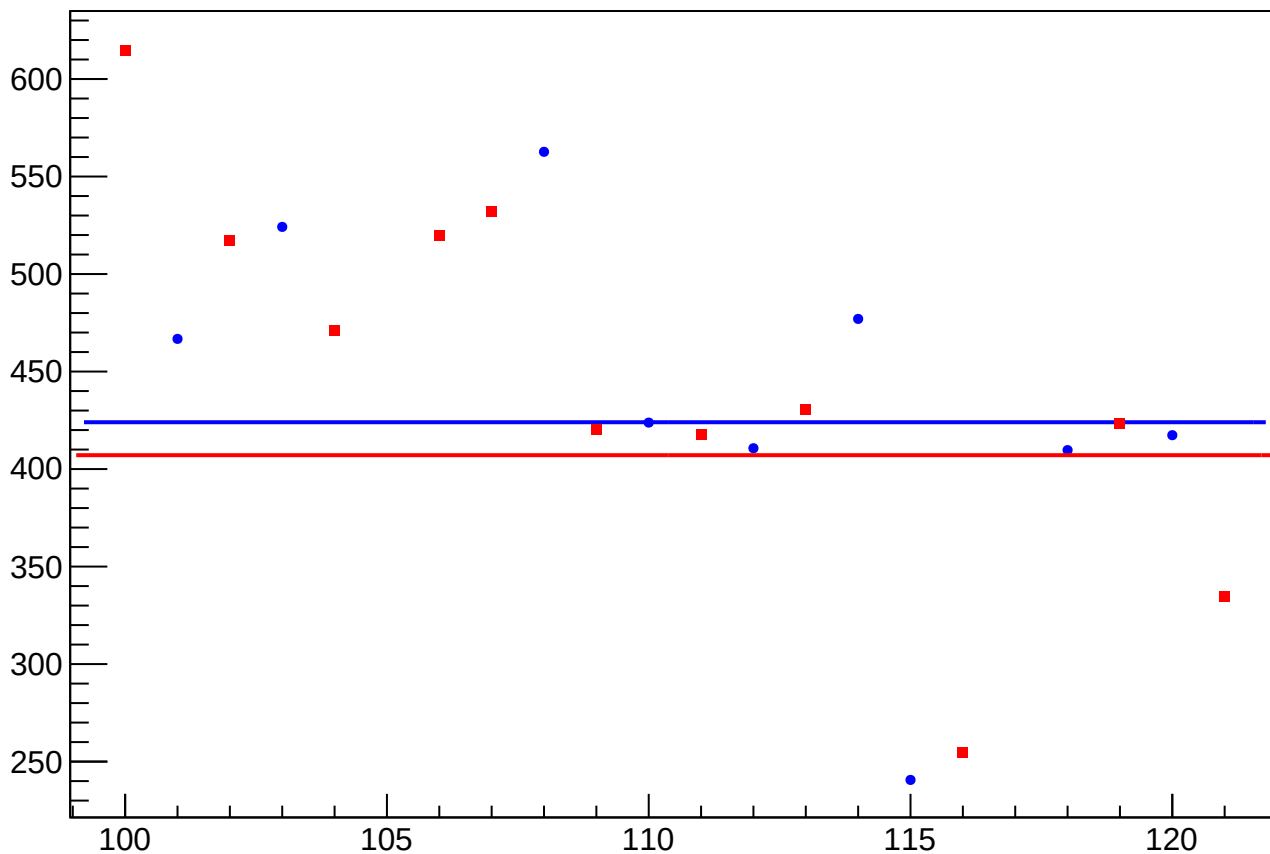
Right: -222.049+/-147.827 χ^2/NDF : 16.7/19

In: 10.394+/-225.650 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.049+/-147.827 χ^2/NDF : 16.7/19

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 424.010 $\pm$ 0.160 χ^2 /NDF: 272968.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.117 $\pm$ 0.138 χ^2 /NDF: 378890.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

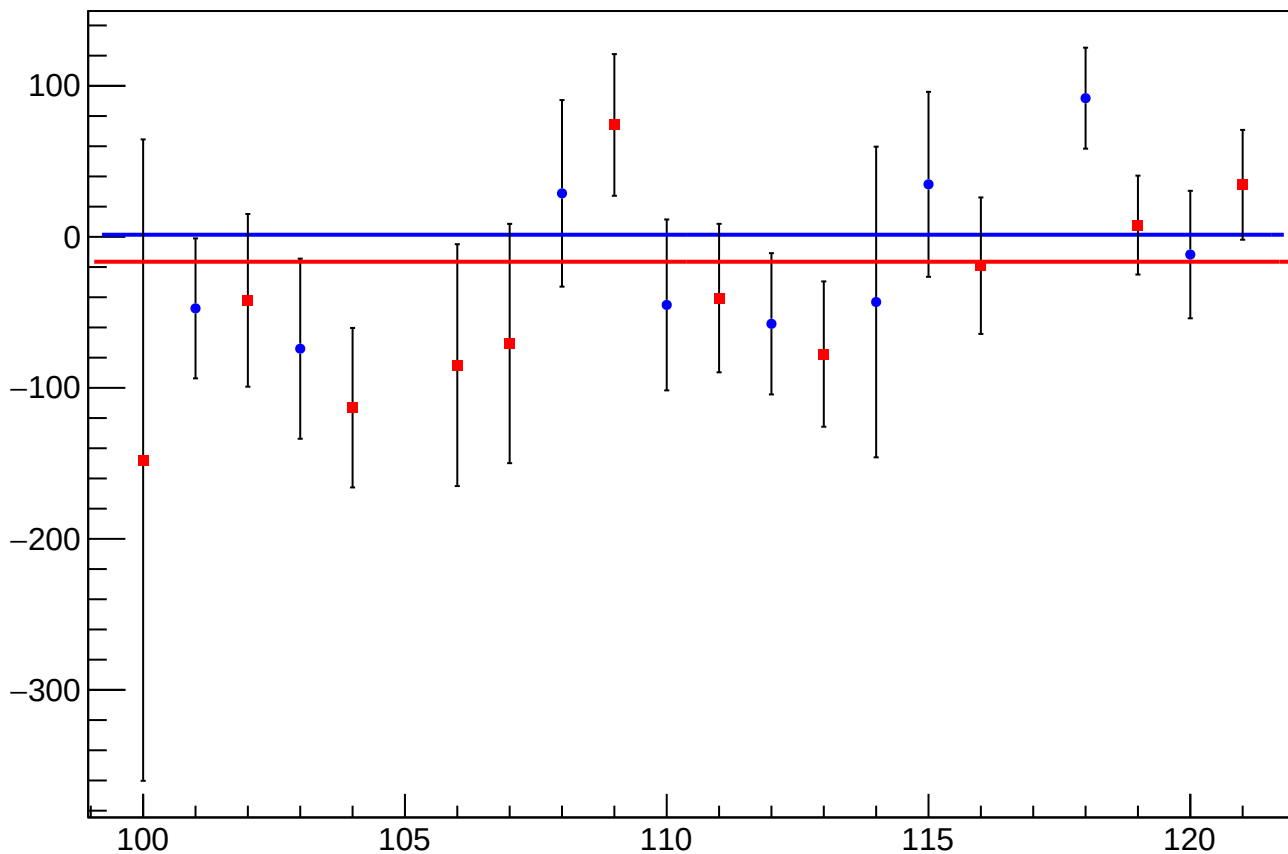
Right: 414.367 $\pm$ 0.105 χ^2 /NDF: 658257.0/19

In: 424.010 $\pm$ 0.160 χ^2 /NDF: 272968.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 414.367 $\pm$ 0.105 χ^2 /NDF: 658257.0/19

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 1.403+/-16.680 χ^2 /NDF: 13.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.479+/-14.940 χ^2 /NDF: 13.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

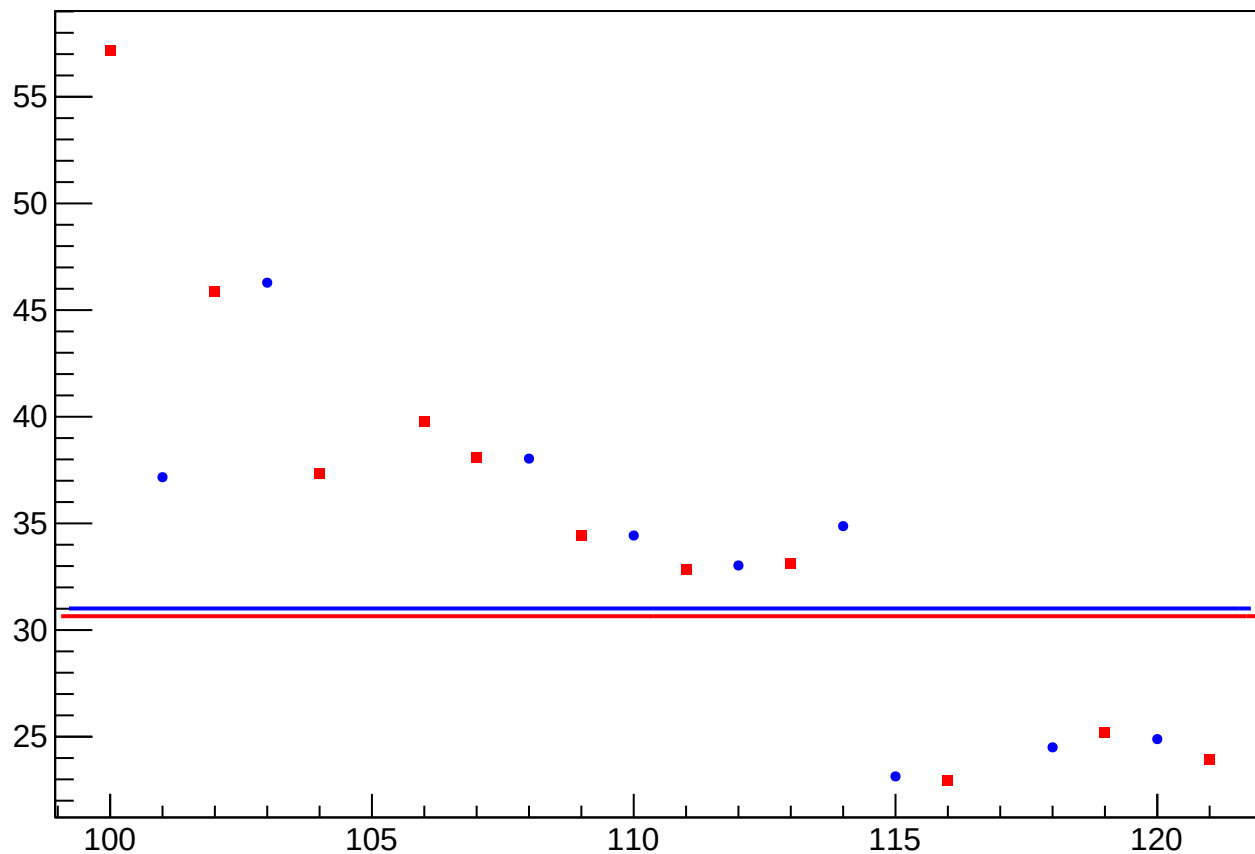
Right: -8.520+/-11.128 χ^2 /NDF: 26.9/19

In: 1.403+/-16.680 χ^2 /NDF:13.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.520+/-11.128 χ^2 /NDF: 26.9/19

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.648+/-0.011 χ^2/NDF : 451951.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

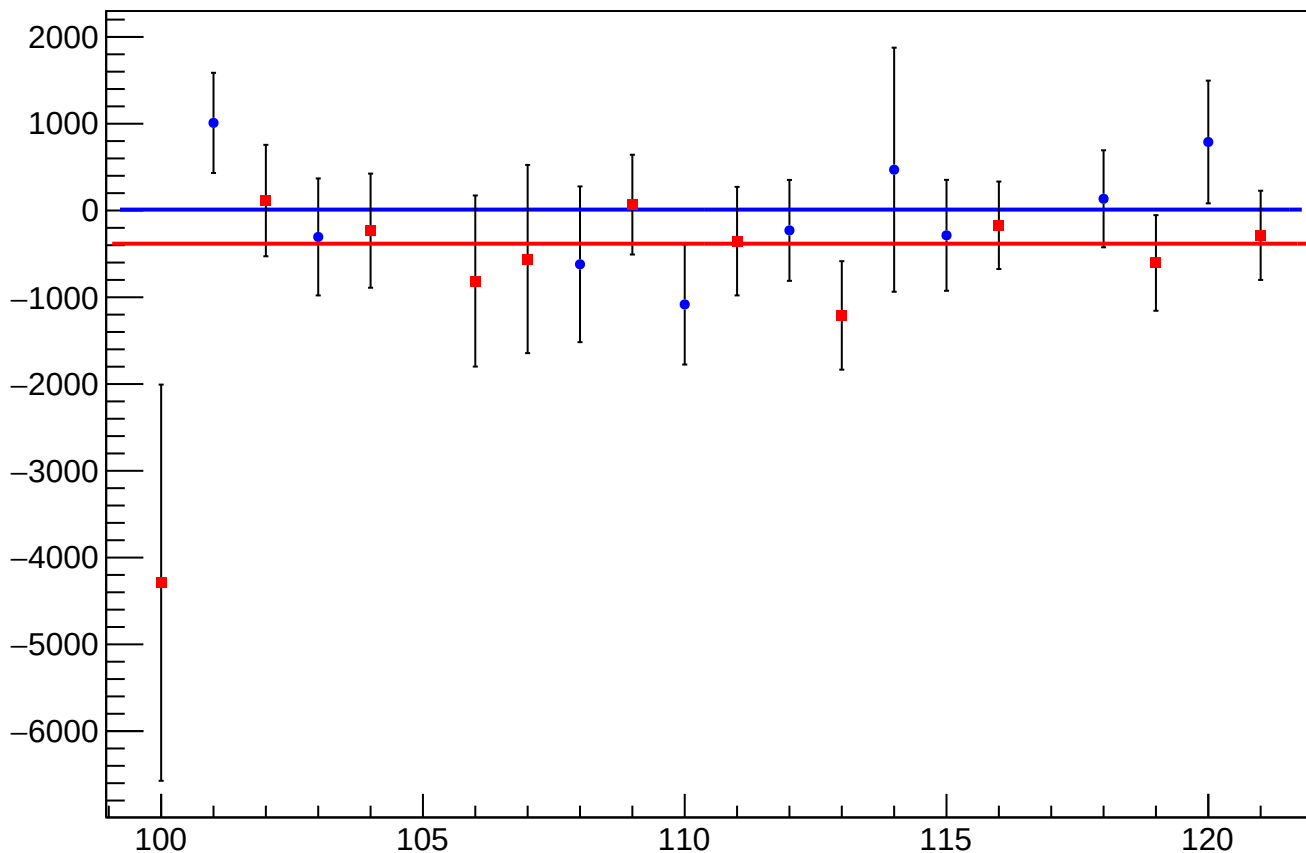
Right: 30.810+/-0.008 χ^2/NDF : 809565.5/19

In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.810+/-0.008 χ^2/NDF : 809565.5/19

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.371+/-225.651 χ^2 /NDF: 8.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -382.581+/-196.255 χ^2 /NDF: 6.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

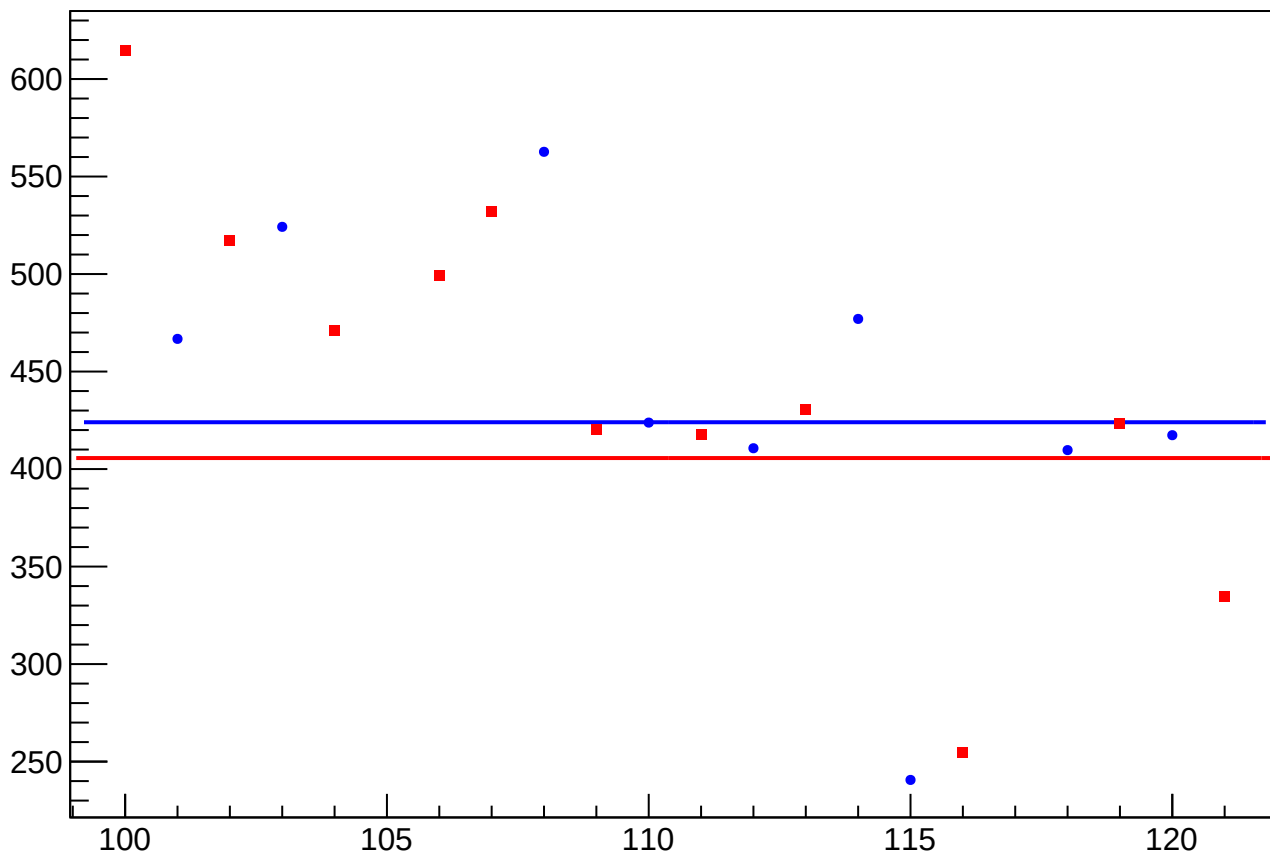
Right: -213.351+/-148.083 χ^2 /NDF: 16.2/19

In: 10.371+/-225.651 χ^2 /NDF:8.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -213.351+/-148.083 χ^2 /NDF: 16.2/19

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 424.011 $\pm$ 0.160 χ^2 /NDF: 272990.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 405.647 $\pm$ 0.139 χ^2 /NDF: 366430.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

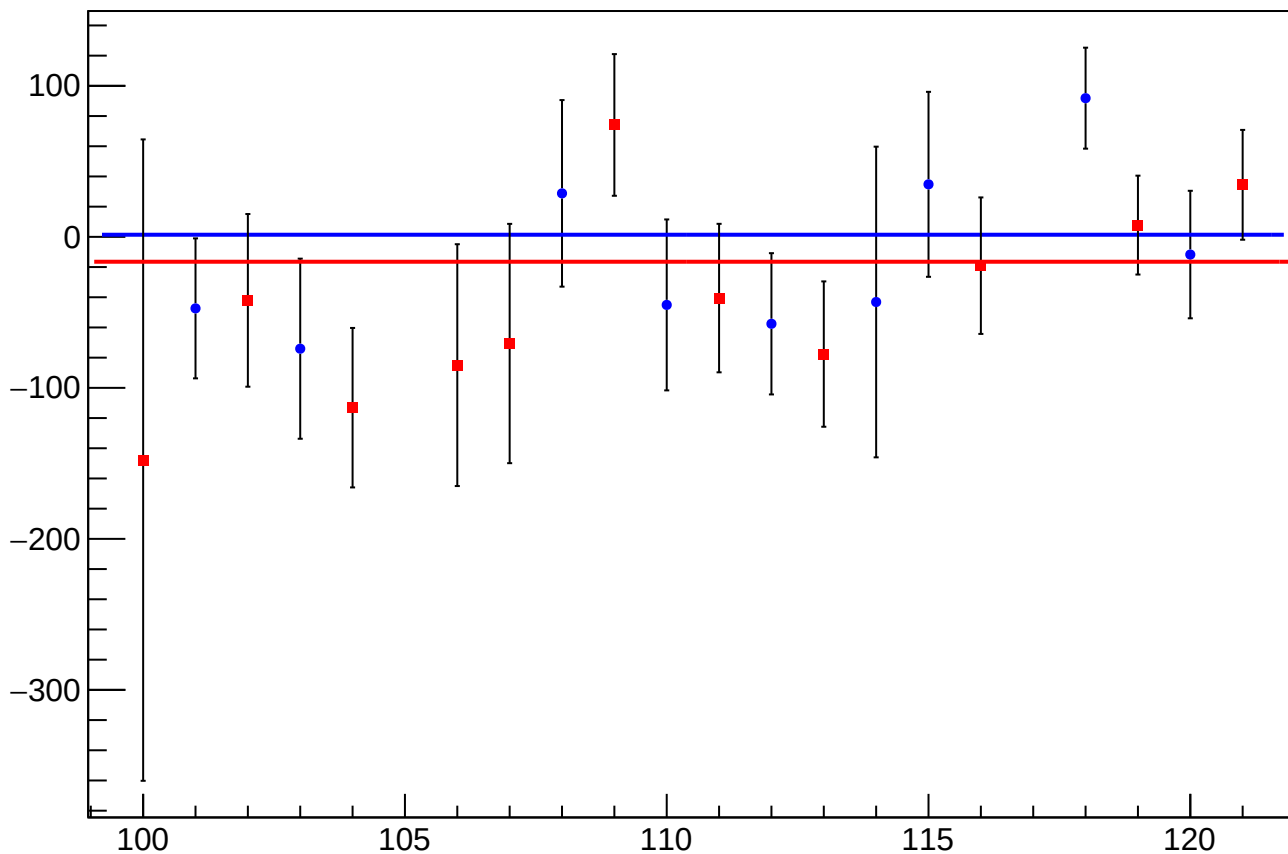
Right: 413.556 $\pm$ 0.105 χ^2 /NDF: 646962.7/19

In: 424.011 $\pm$ 0.160 χ^2 /NDF: 272990.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 413.556 $\pm$ 0.105 χ^2 /NDF: 646962.7/19

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 1.403+/-16.680 χ^2 /NDF: 13.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.479+/-14.940 χ^2 /NDF: 13.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

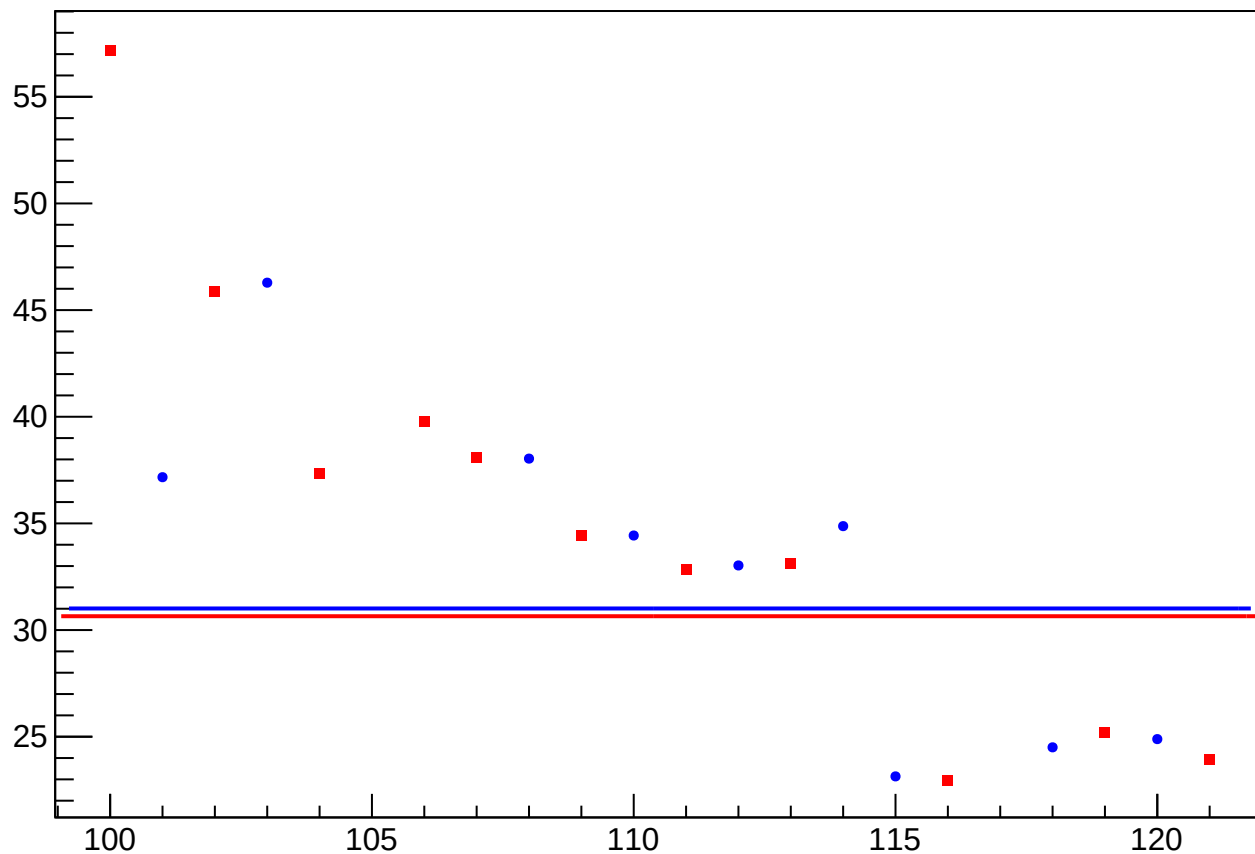
Right: -8.520+/-11.128 χ^2 /NDF: 26.9/19

In: 1.403+/-16.680 χ^2 /NDF:13.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.520+/-11.128 χ^2 /NDF: 26.9/19

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.648+/-0.011 χ^2/NDF : 451951.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

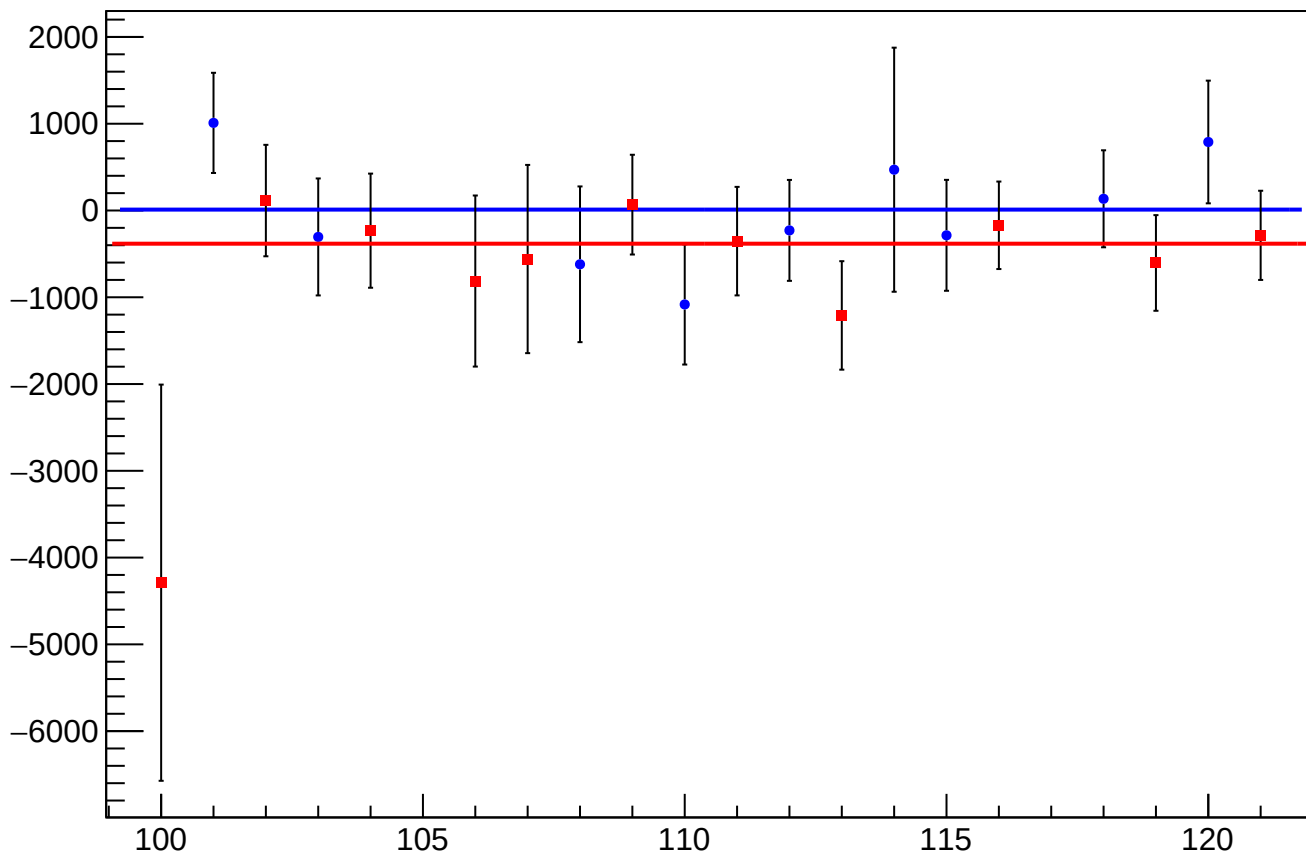
Right: 30.810+/-0.008 χ^2/NDF : 809565.5/19

In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.810+/-0.008 χ^2/NDF : 809565.5/19

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.371+/-225.651 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -382.581+/-196.255 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

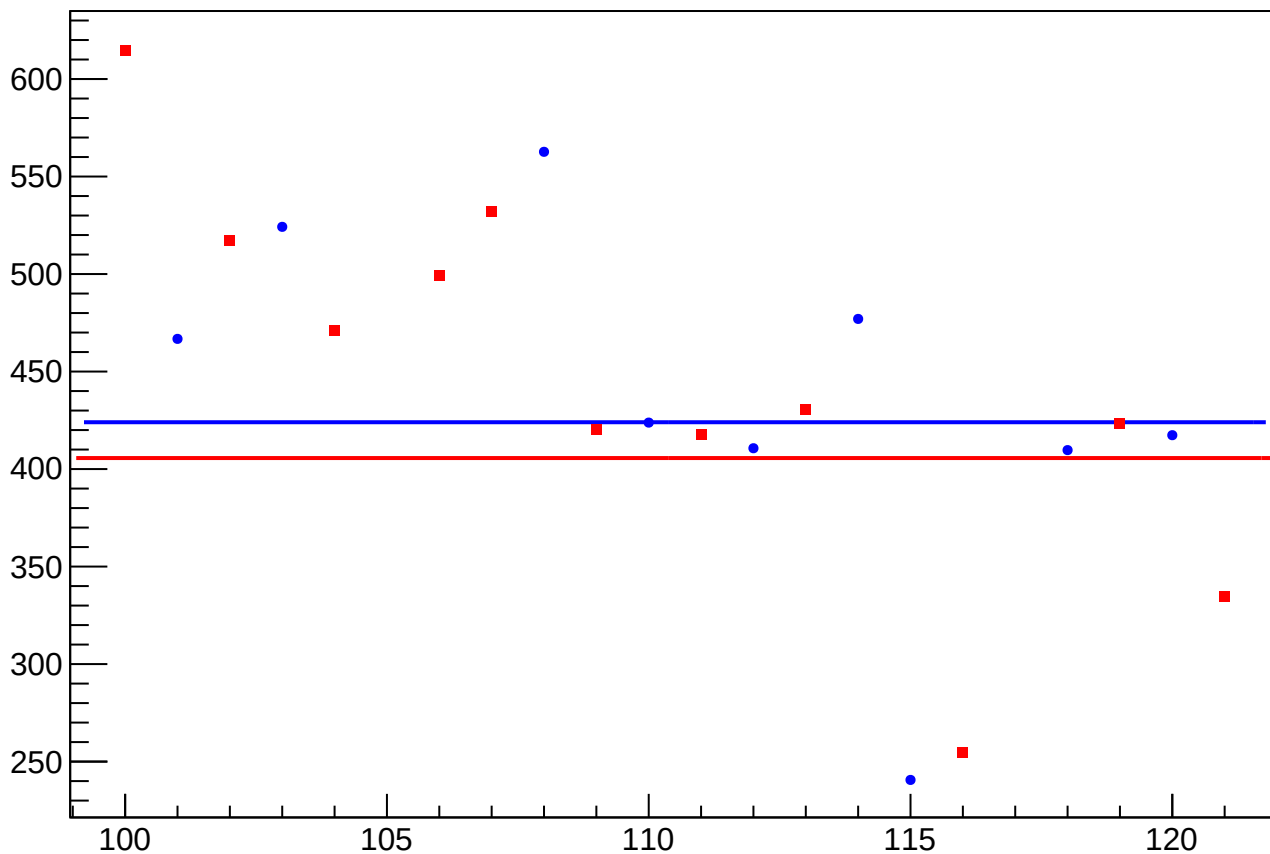
Right: -213.351+/-148.083 χ^2/NDF : 16.2/19

In: 10.371+/-225.651 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.351+/-148.083 χ^2/NDF : 16.2/19

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 424.011+/-0.160 χ^2/NDF : 272990.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 405.647+/-0.139 χ^2/NDF : 366430.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

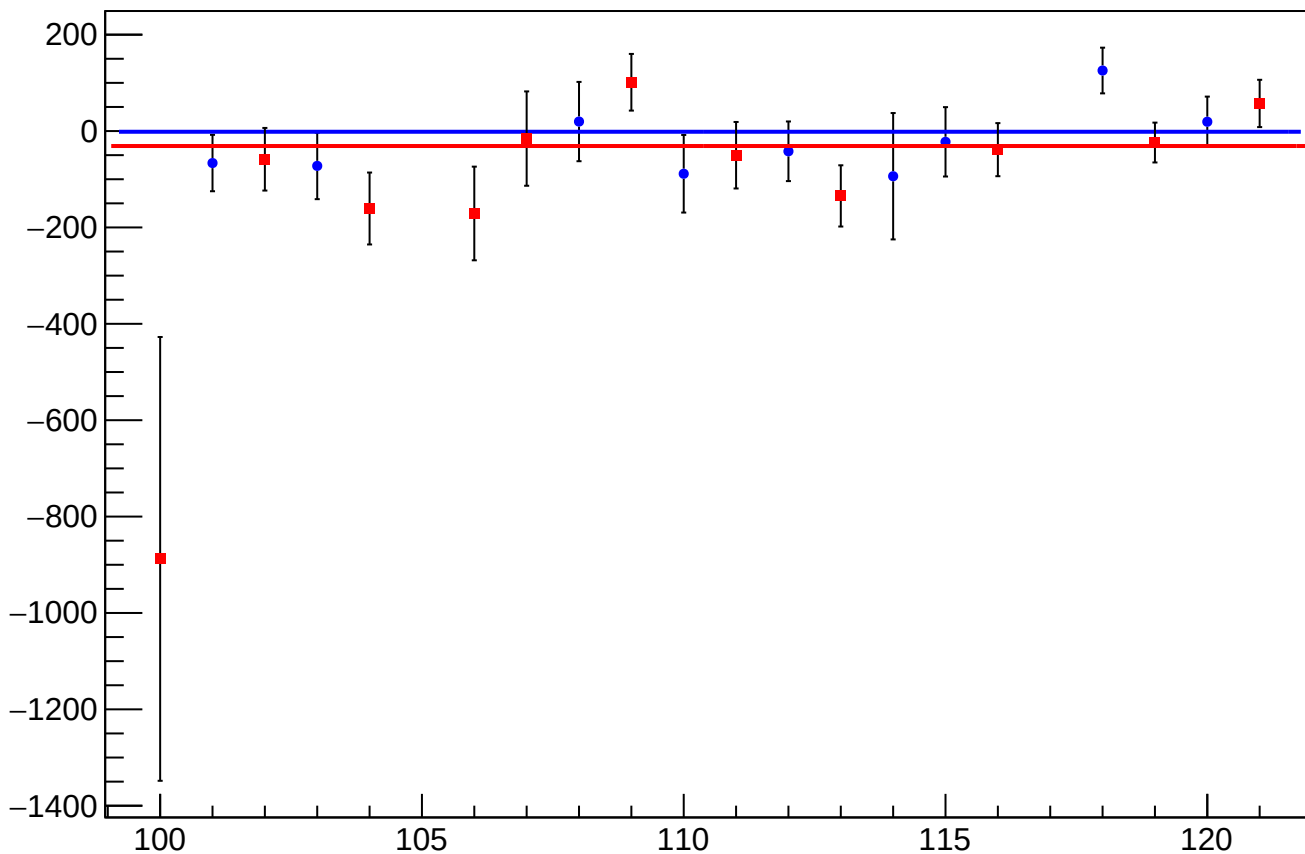
Right: 413.556+/-0.105 χ^2/NDF : 646962.7/19

In: 424.011+/-0.160 χ^2/NDF : 272990.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.556+/-0.105 χ^2/NDF : 646962.7/19

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.043+/-19.214 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

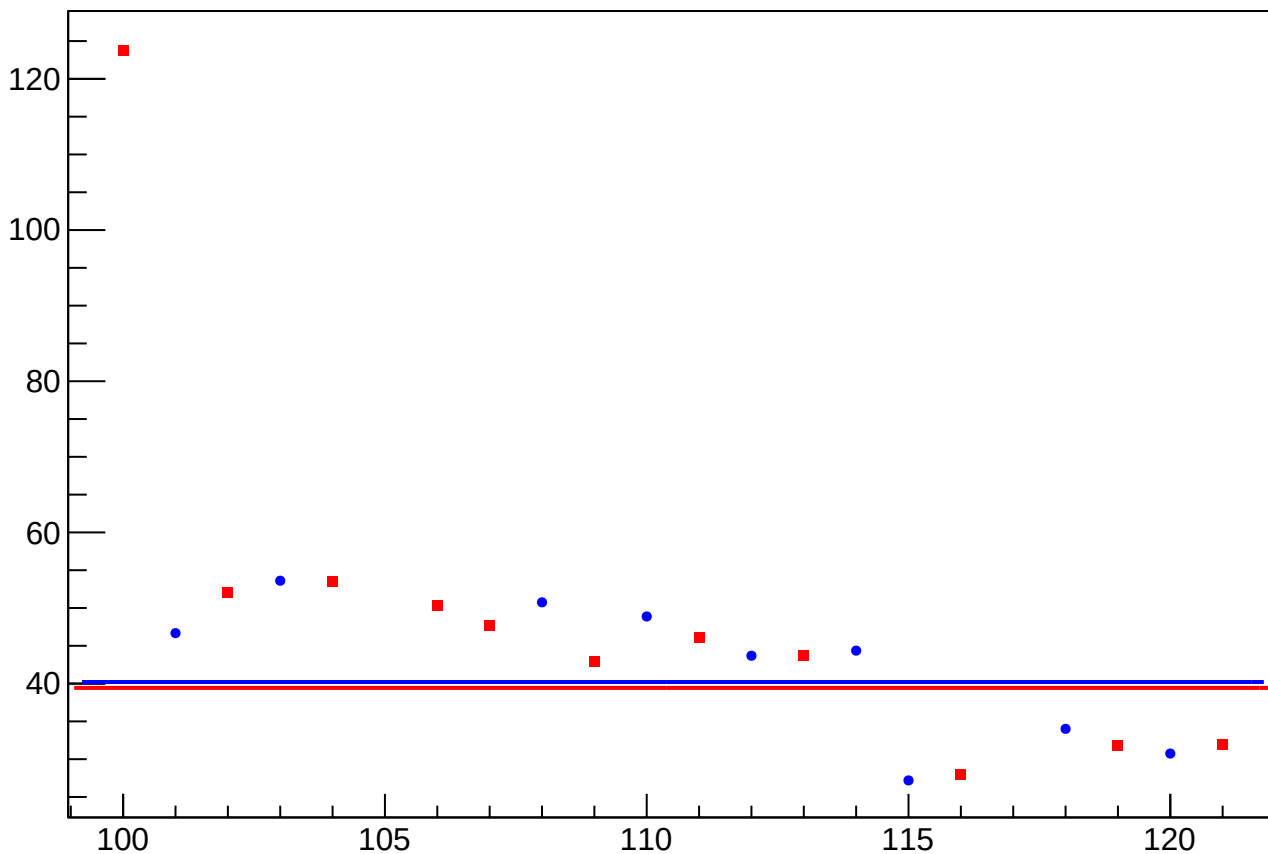
Right: -18.021+/-14.379 χ^2/NDF : 32.8/19

In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.021+/-14.379 χ^2/NDF : 32.8/19

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.211+/-0.015 χ^2/NDF : 329500.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.431+/-0.014 χ^2/NDF : 489635.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

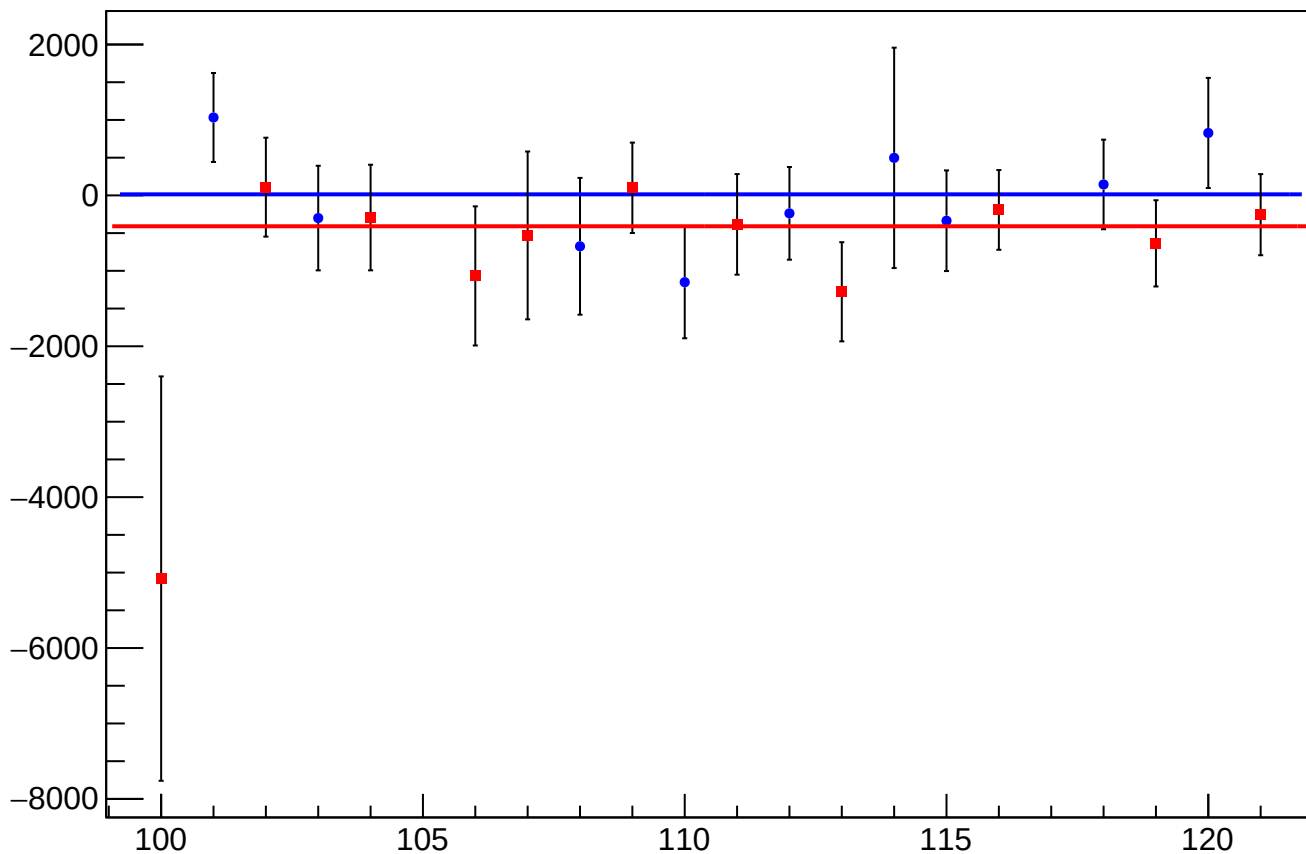
Right: 39.774+/-0.010 χ^2/NDF : 820585.1/19

In: 40.211+/-0.015 χ^2/NDF : 329500.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.774+/-0.010 χ^2/NDF : 820585.1/19

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 13.908+/-235.307 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -409.349+/-204.384 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

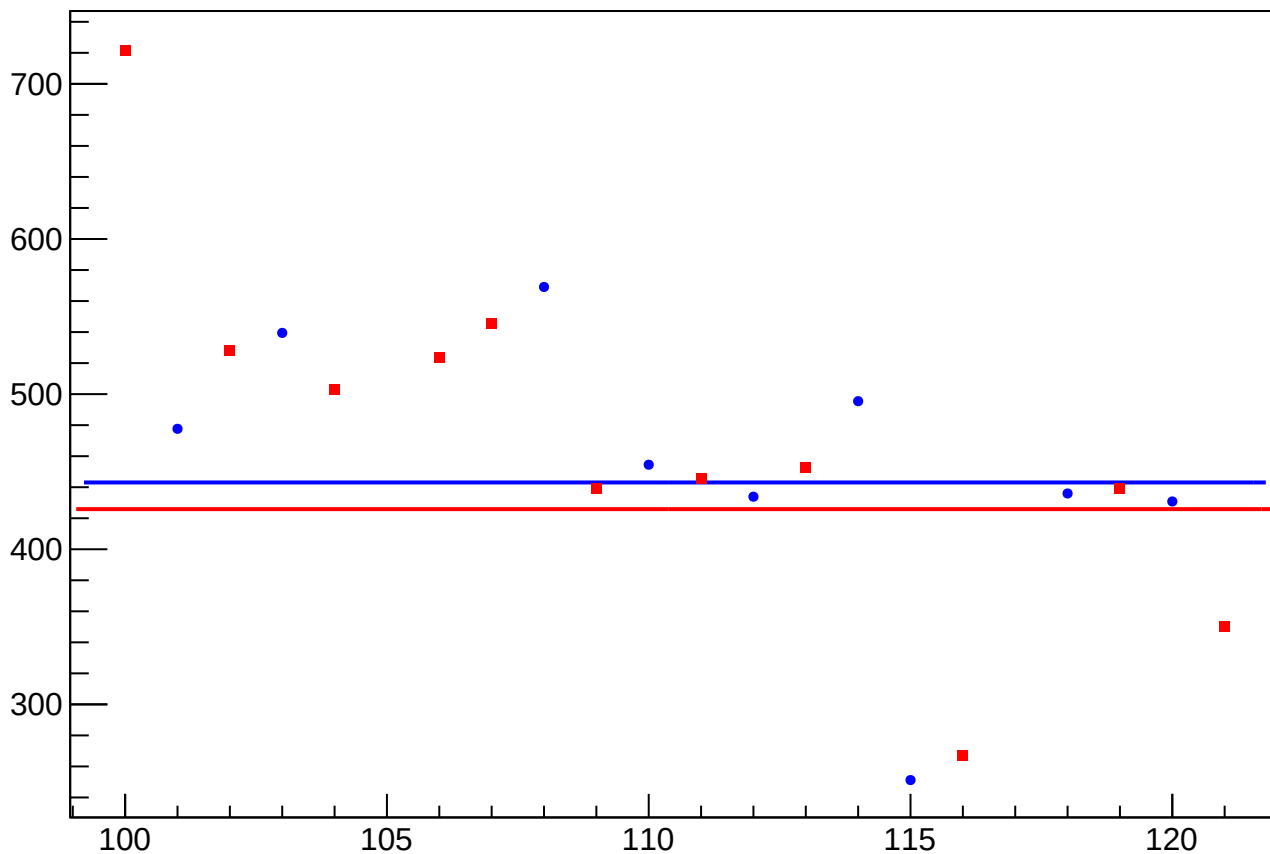
Right: -227.341+/-154.304 χ^2/NDF : 17.0/19

In: 13.908+/-235.307 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.341+/-154.304 χ^2/NDF : 17.0/19

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 443.058+/-0.166 χ^2/NDF : 253946.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.876+/-0.145 χ^2/NDF : 369622.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

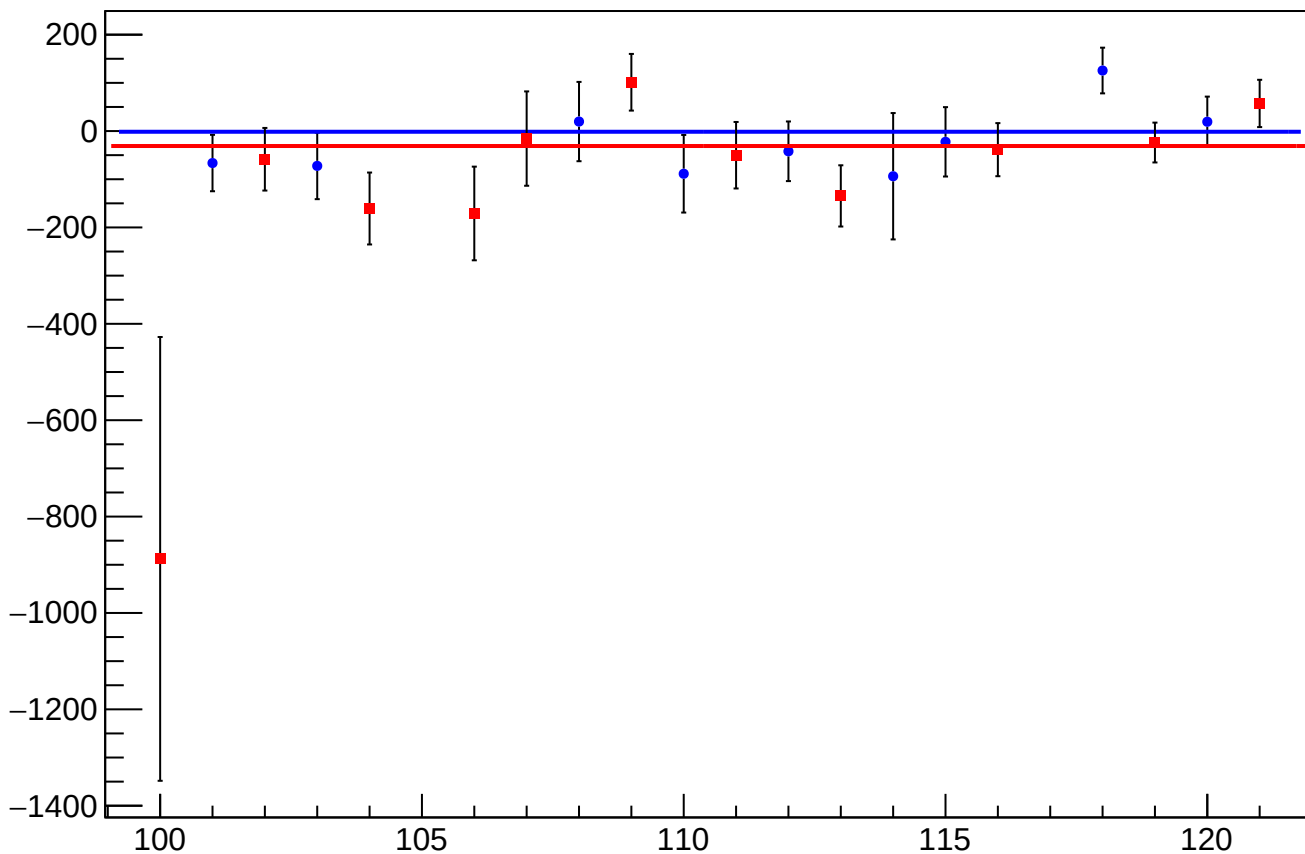
Right: 433.265+/-0.109 χ^2/NDF : 629647.3/19

In: 443.058+/-0.166 χ^2/NDF : 253946.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.265+/-0.109 χ^2/NDF : 629647.3/19

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.041+/-19.214 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

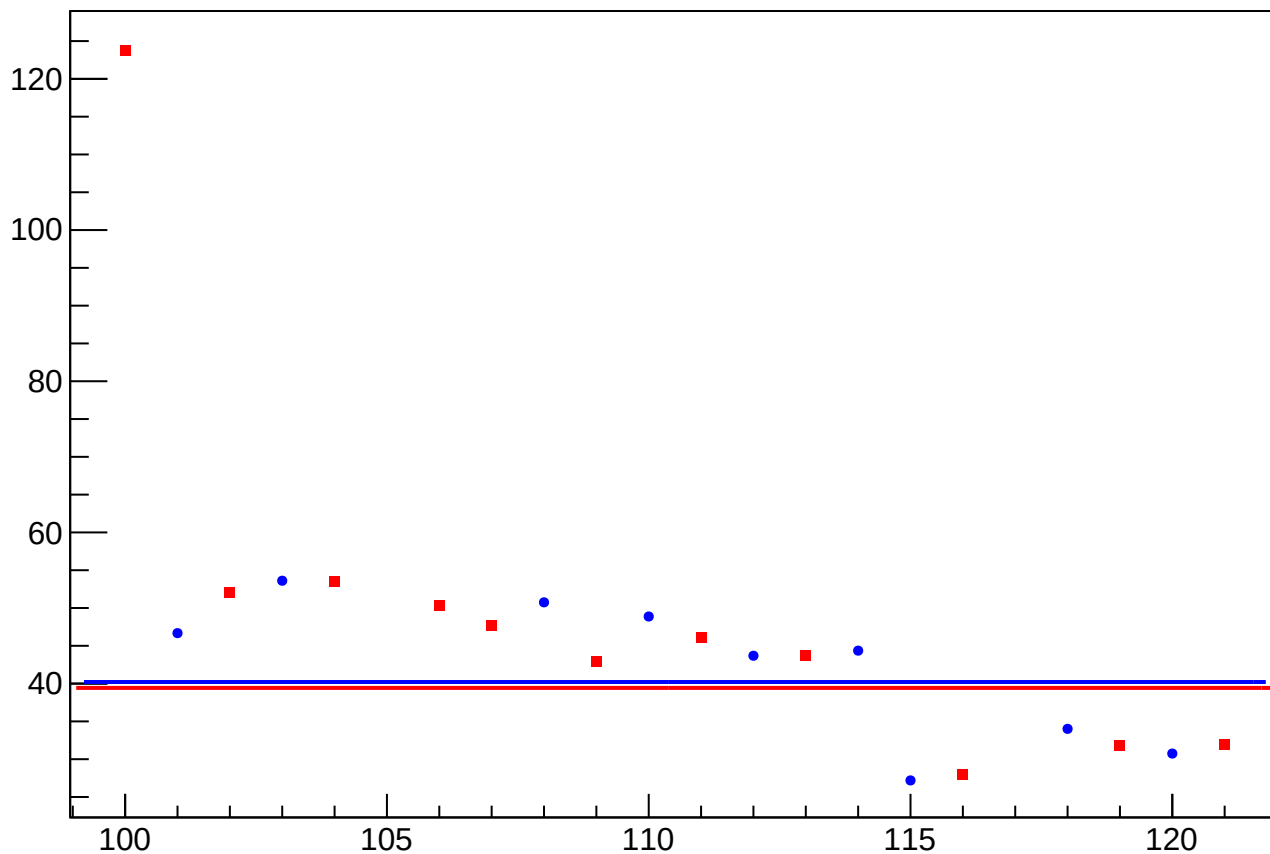
Right: -18.020+/-14.379 χ^2/NDF : 32.8/19

In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.020+/-14.379 χ^2/NDF : 32.8/19

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.210+/-0.015 χ^2/NDF : 329498.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.430+/-0.014 χ^2/NDF : 489619.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

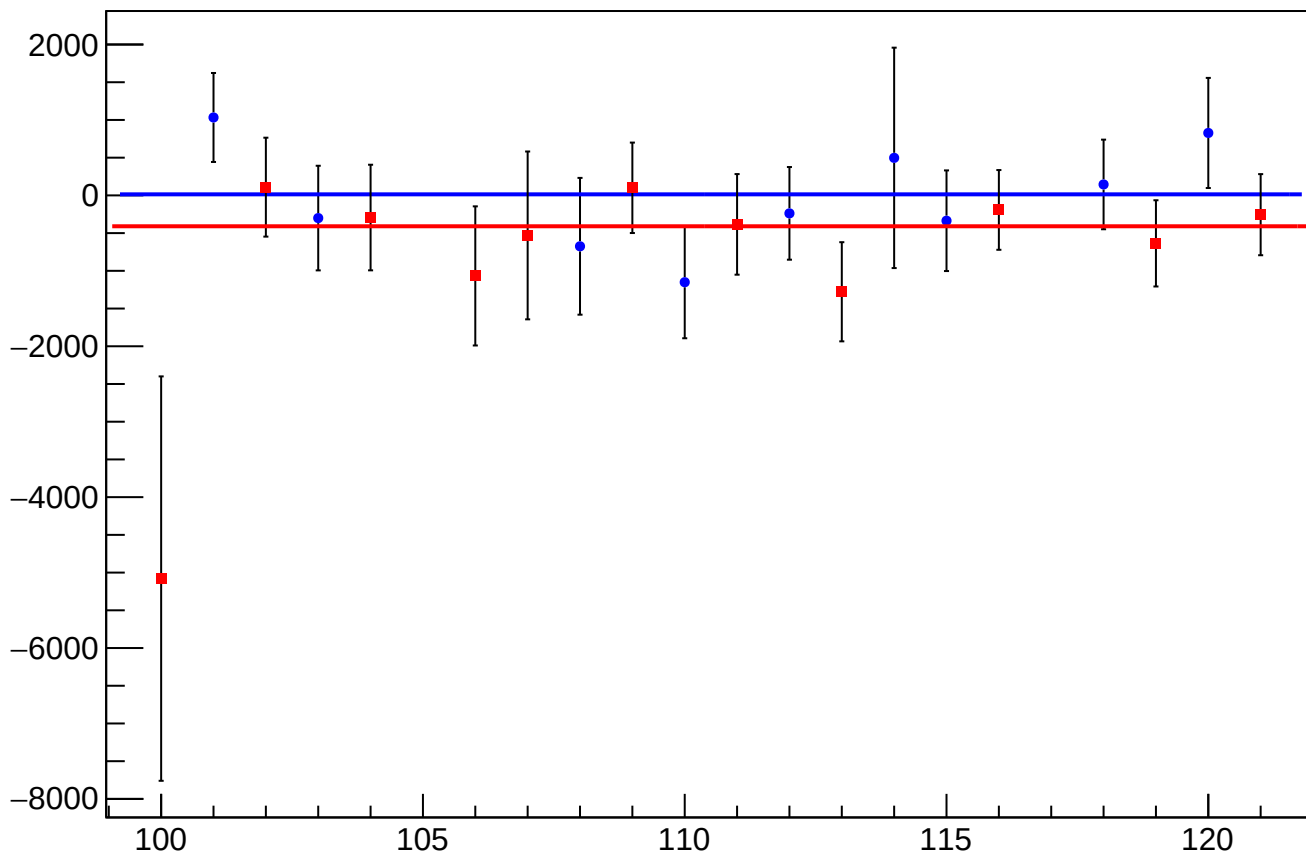
Right: 39.774+/-0.010 χ^2/NDF : 820567.1/19

In: 40.210+/-0.015 χ^2/NDF : 329498.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.774+/-0.010 χ^2/NDF : 820567.1/19

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 13.906+/-235.306 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -409.349+/-204.384 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

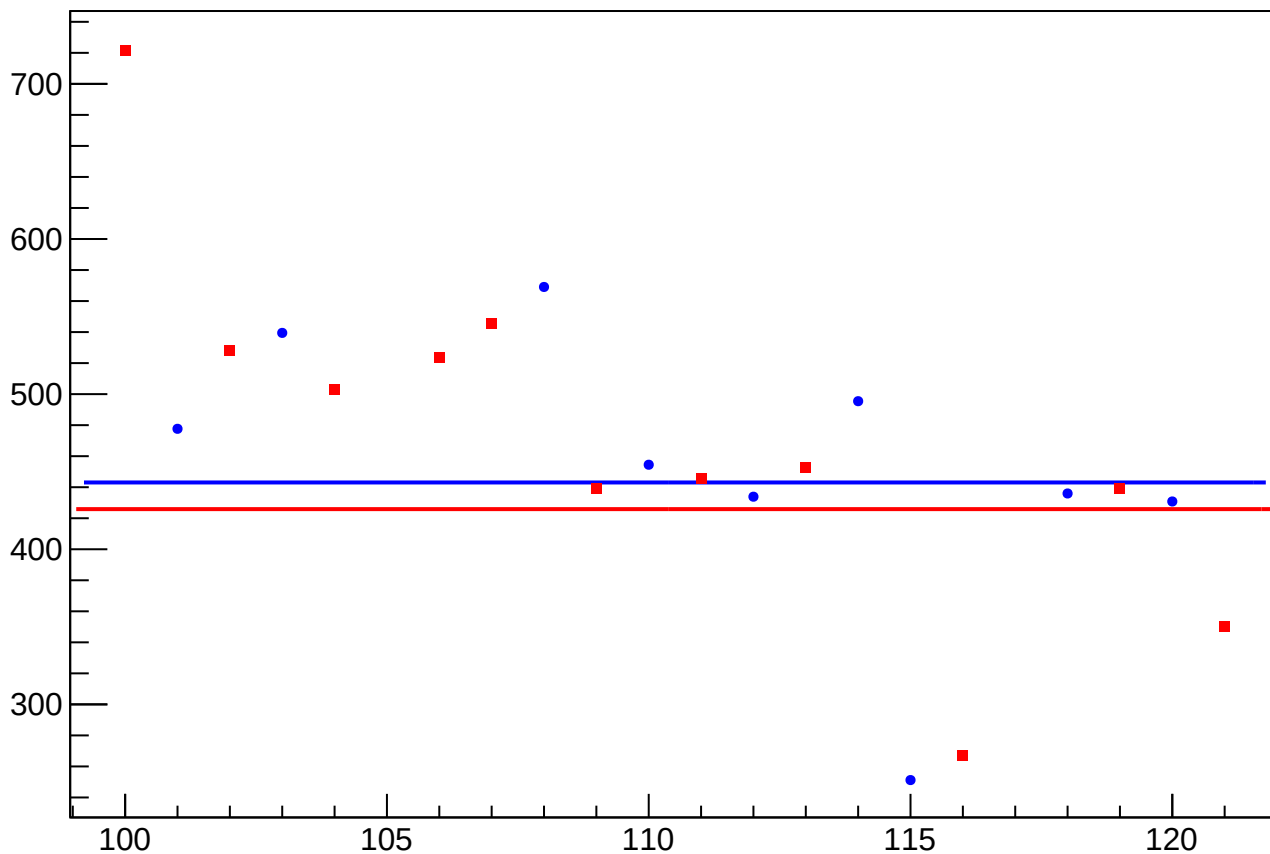
Right: -227.341+/-154.304 χ^2/NDF : 17.0/19

In: 13.906+/-235.306 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.341+/-154.304 χ^2/NDF : 17.0/19

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 443.057+/-0.166 χ^2/NDF : 253943.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.875+/-0.145 χ^2/NDF : 369616.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

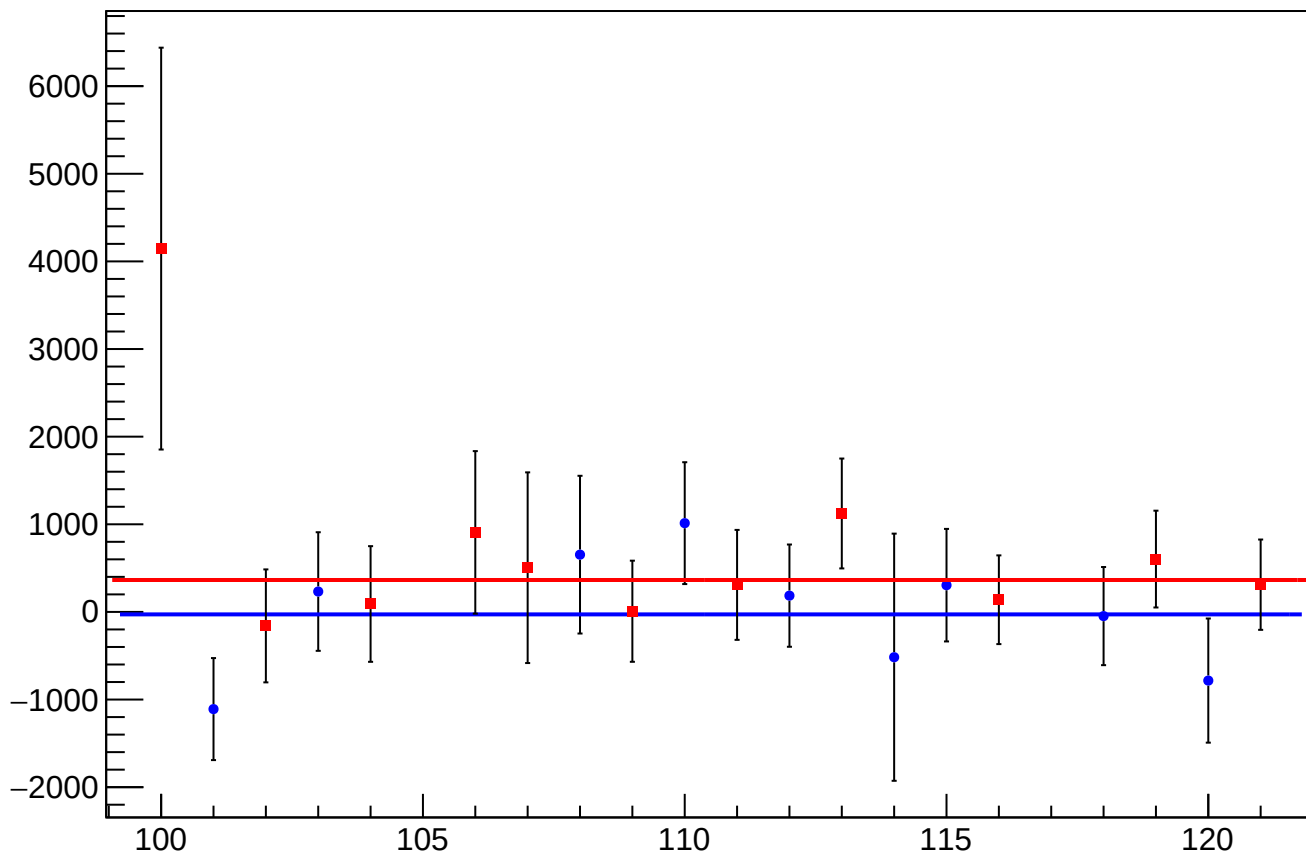
Right: 433.264+/-0.109 χ^2/NDF : 629637.8/19

In: 443.057+/-0.166 χ^2/NDF : 253943.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.264+/-0.109 χ^2/NDF : 629637.8/19

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -28.144+/-226.531 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.308+/-196.355 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

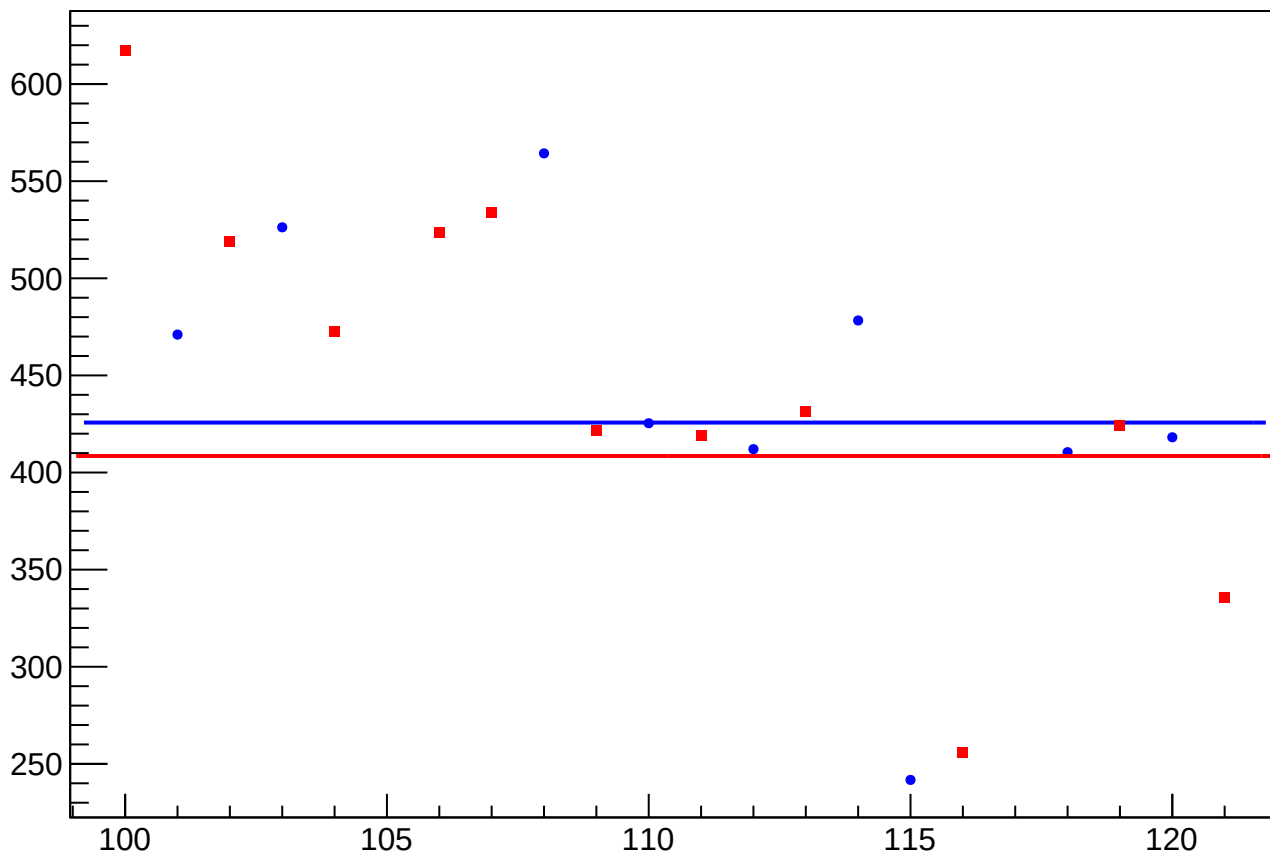
Right: 195.945+/-148.374 χ^2/NDF : 16.0/19

In: -28.144+/-226.531 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.945+/-148.374 χ^2/NDF : 16.0/19

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 425.720 $\pm$ 0.160 χ^2 /NDF: 273459.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 408.505 $\pm$ 0.139 χ^2 /NDF: 379380.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

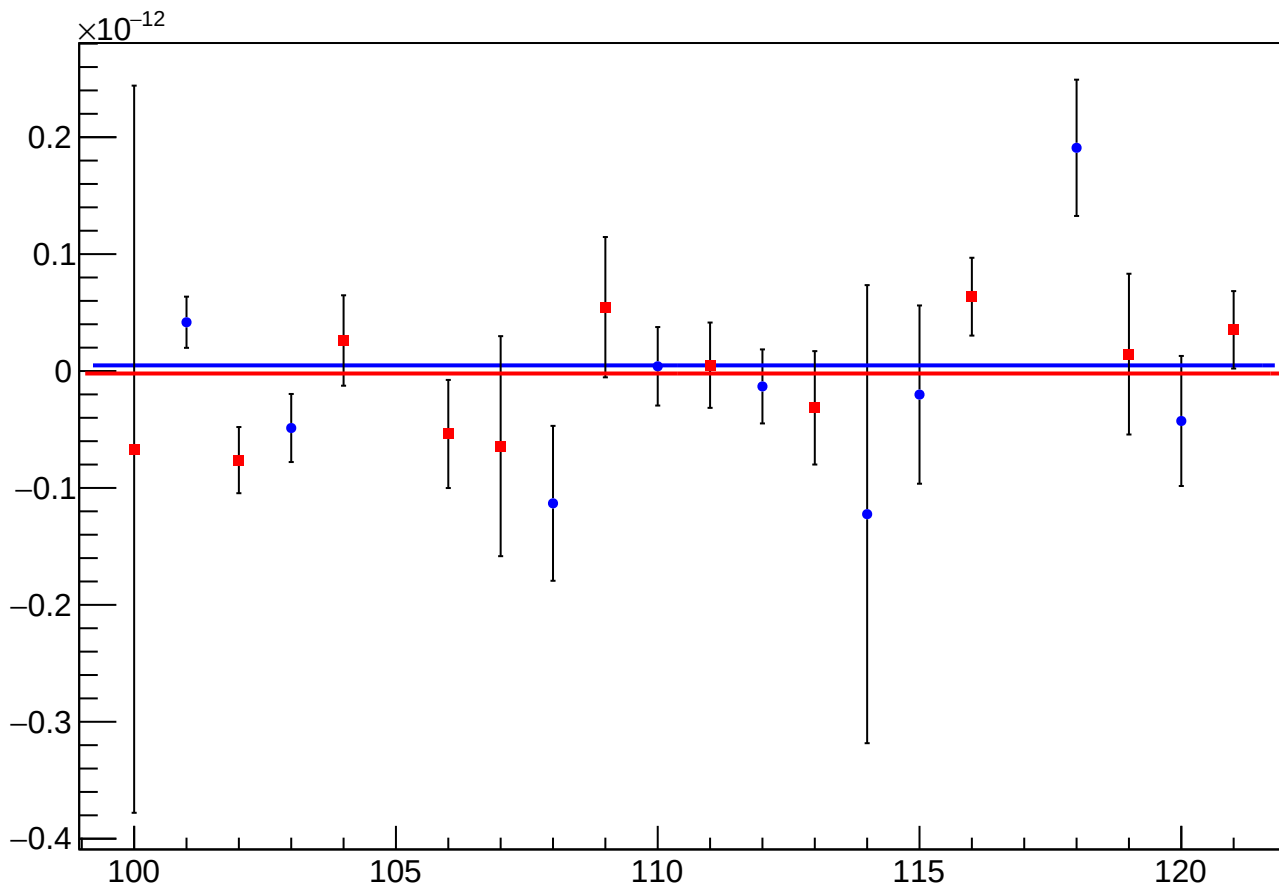
Right: 415.890 $\pm$ 0.105 χ^2 /NDF: 659434.7/19

In: 425.720 $\pm$ 0.160 χ^2 /NDF: 273459.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 415.890 $\pm$ 0.105 χ^2 /NDF: 659434.7/19

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

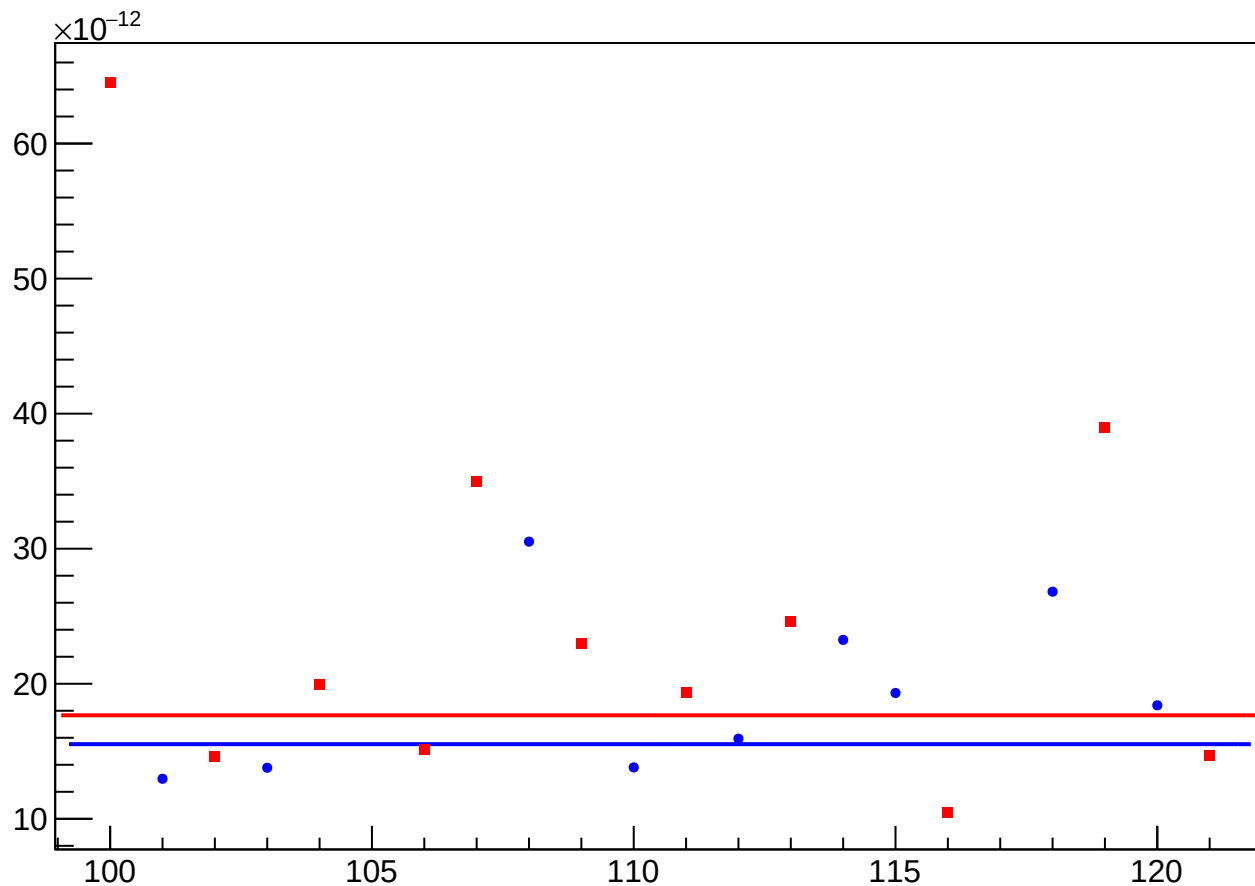
Right: 0.000+/-0.000 χ^2/NDF : 37.0/19

In: 0.000+/-0.000 χ^2/NDF : 21.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.0/19

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 231074.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 511641.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

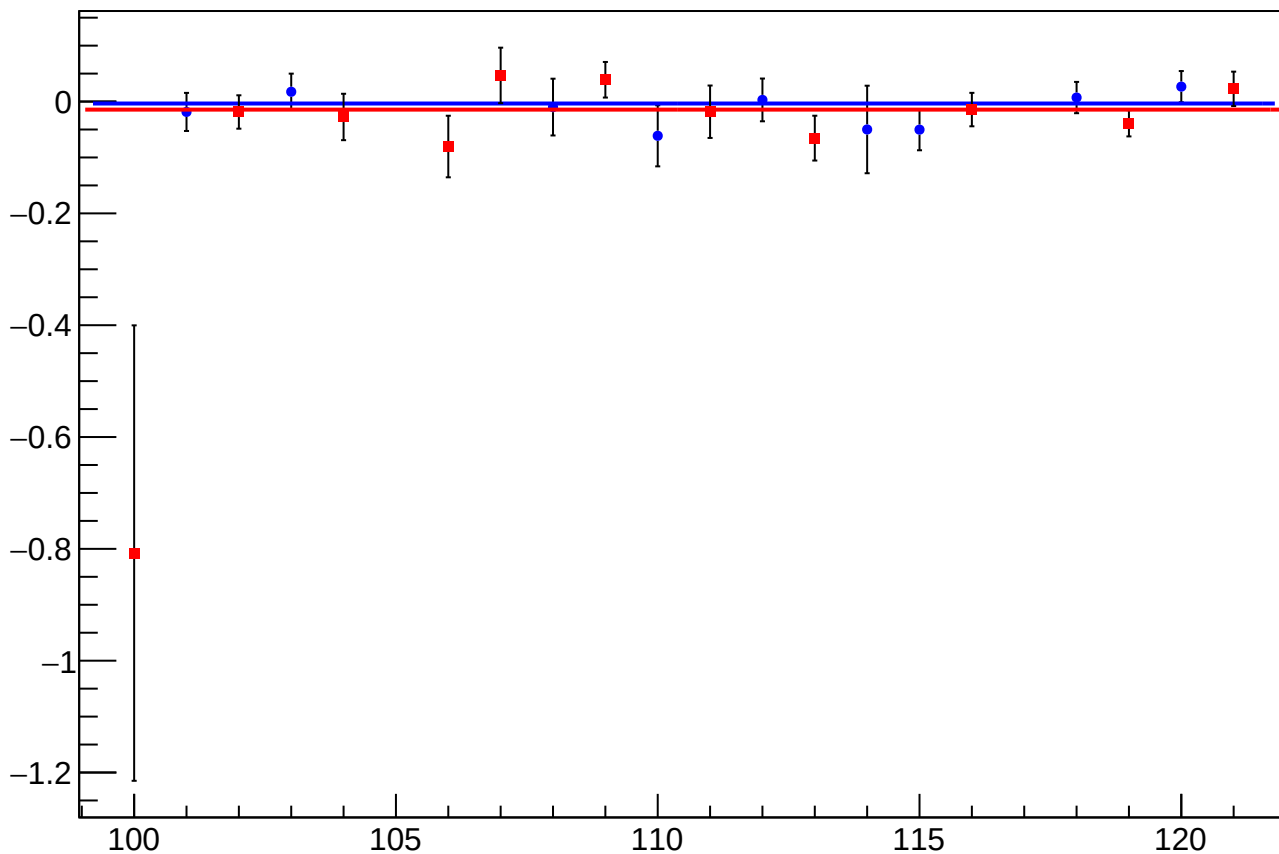
Right: 0.000+/-0.000 χ^2/NDF : 770558.4/19

In: 0.000+/-0.000 χ^2/NDF : 231074.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 770558.4/19

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.012 χ^2/NDF : 5.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.011 χ^2/NDF : 13.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

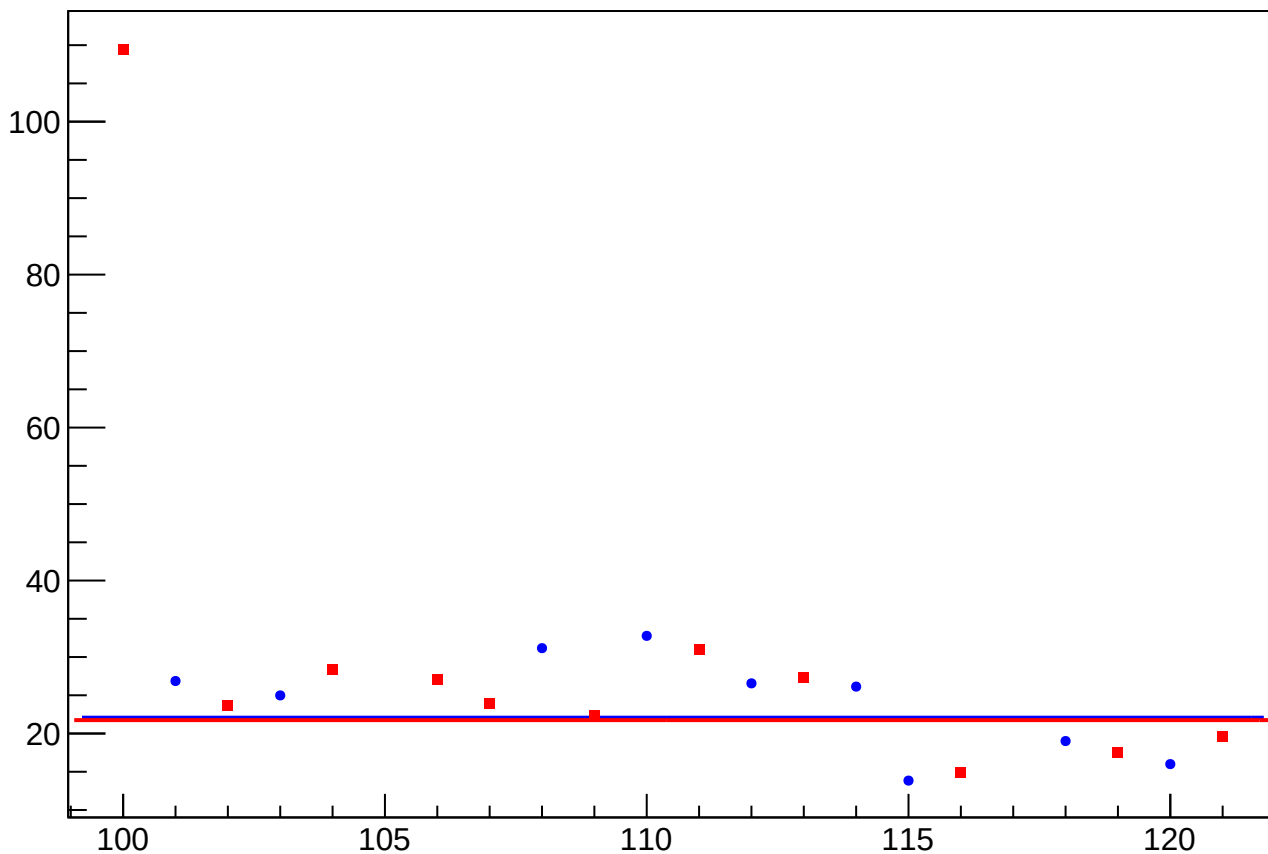
Right: -0.010 ± 0.008 χ^2/NDF : 19.3/19

In: -0.004 ± 0.012 χ^2/NDF : 5.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 19.3/19

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.751+/-0.008 χ^2/NDF : 468212.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

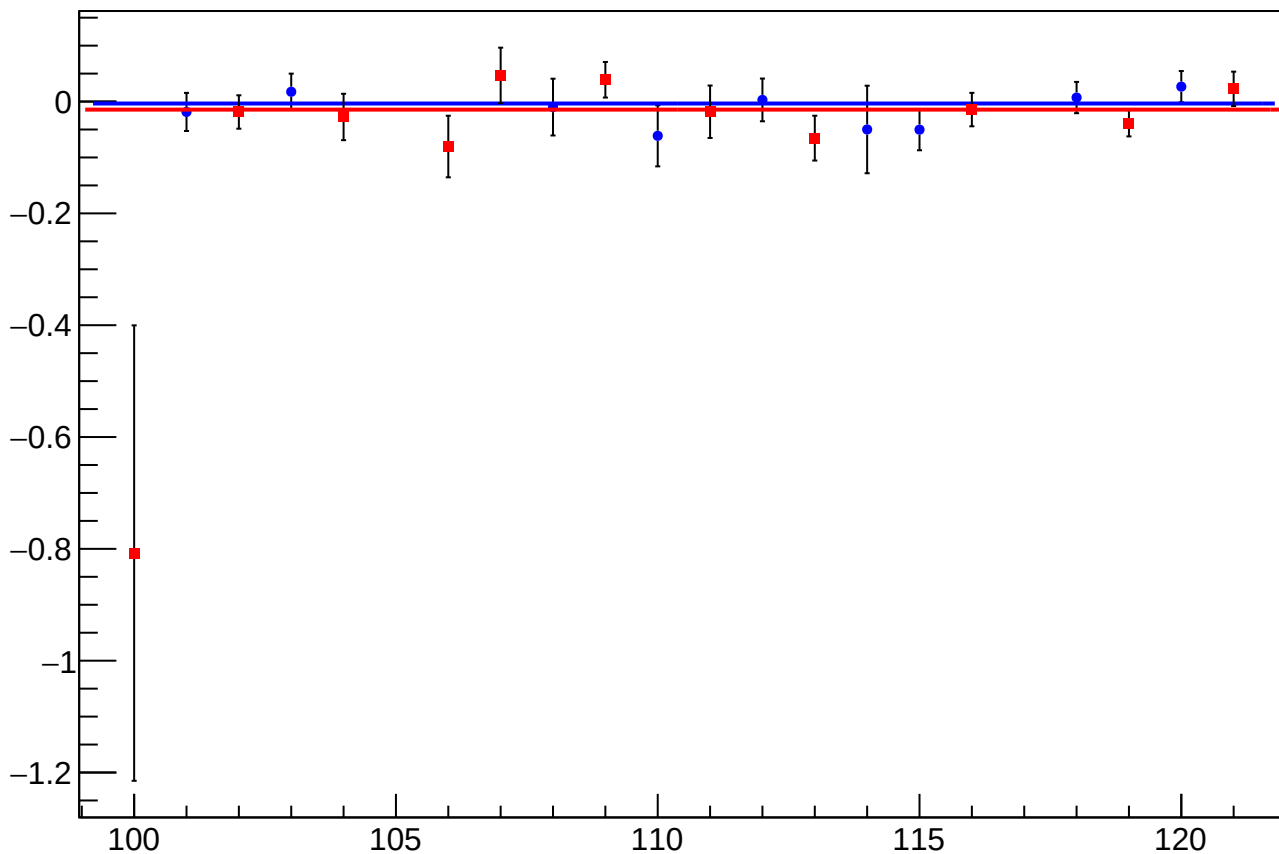
Right: 21.891+/-0.006 χ^2/NDF : 916498.0/19

In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.891+/-0.006 χ^2/NDF : 916498.0/19

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.012 χ^2/NDF : 5.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.011 χ^2/NDF : 13.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

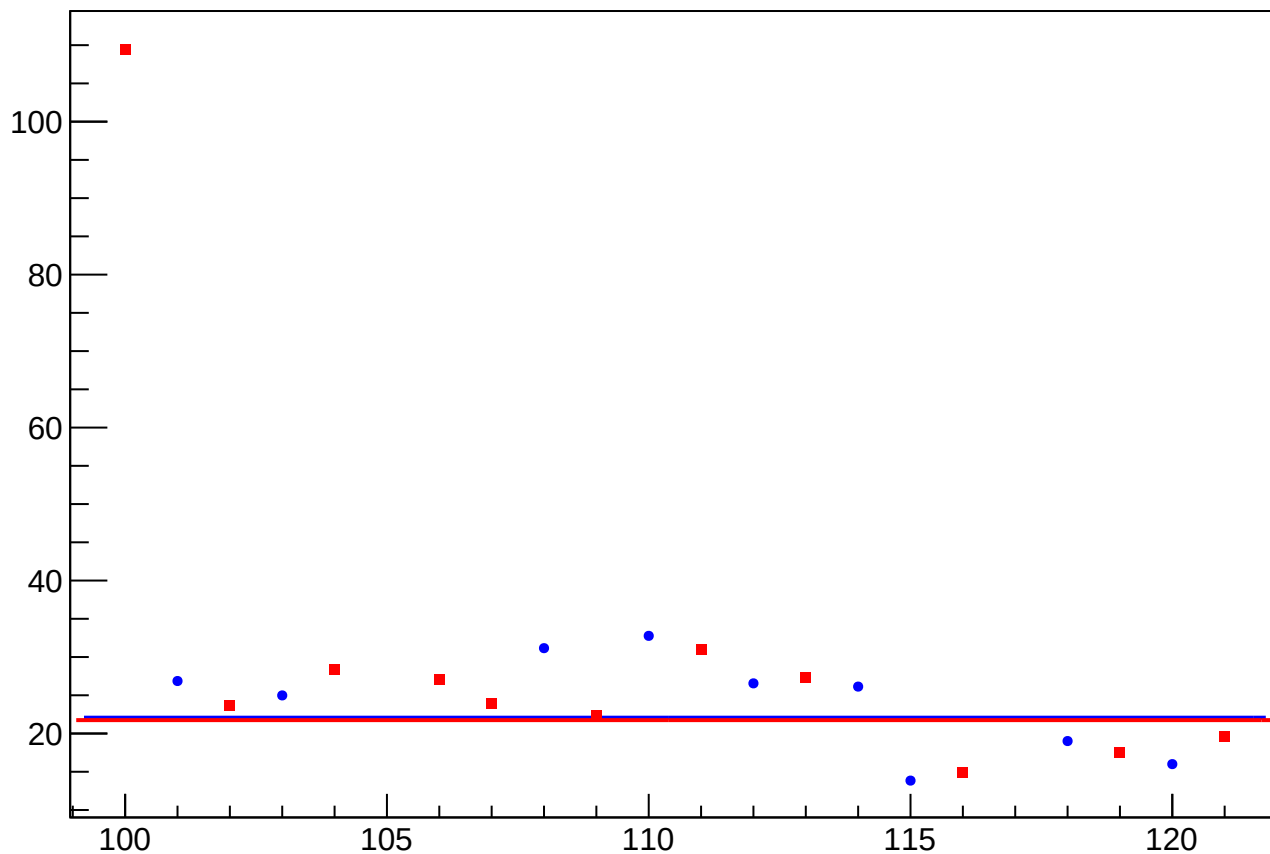
Right: -0.010 ± 0.008 χ^2/NDF : 19.3/19

In: -0.004 ± 0.012 χ^2/NDF : 5.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 19.3/19

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.751+/-0.008 χ^2/NDF : 468212.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

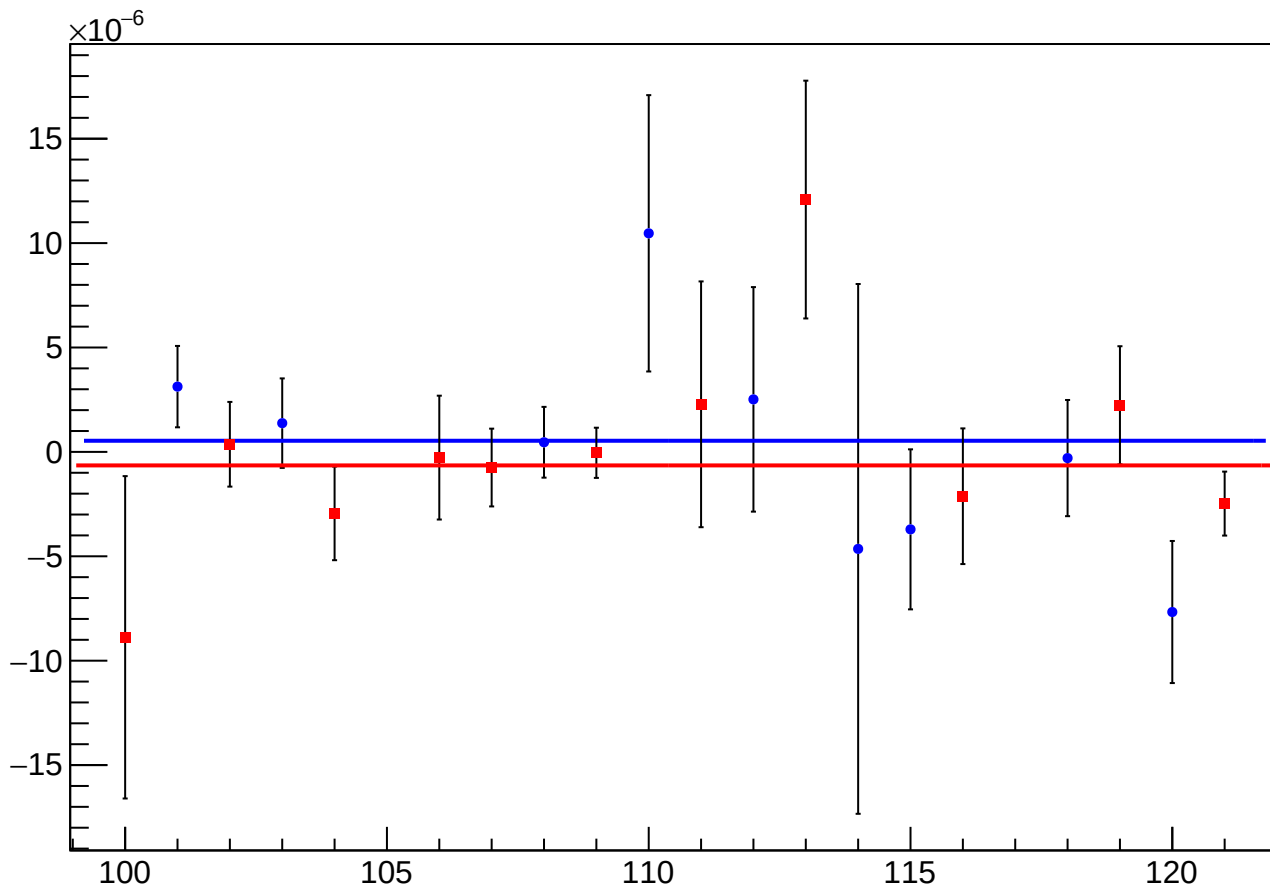
Right: 21.891+/-0.006 χ^2/NDF : 916498.0/19

In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.891+/-0.006 χ^2/NDF : 916498.0/19

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

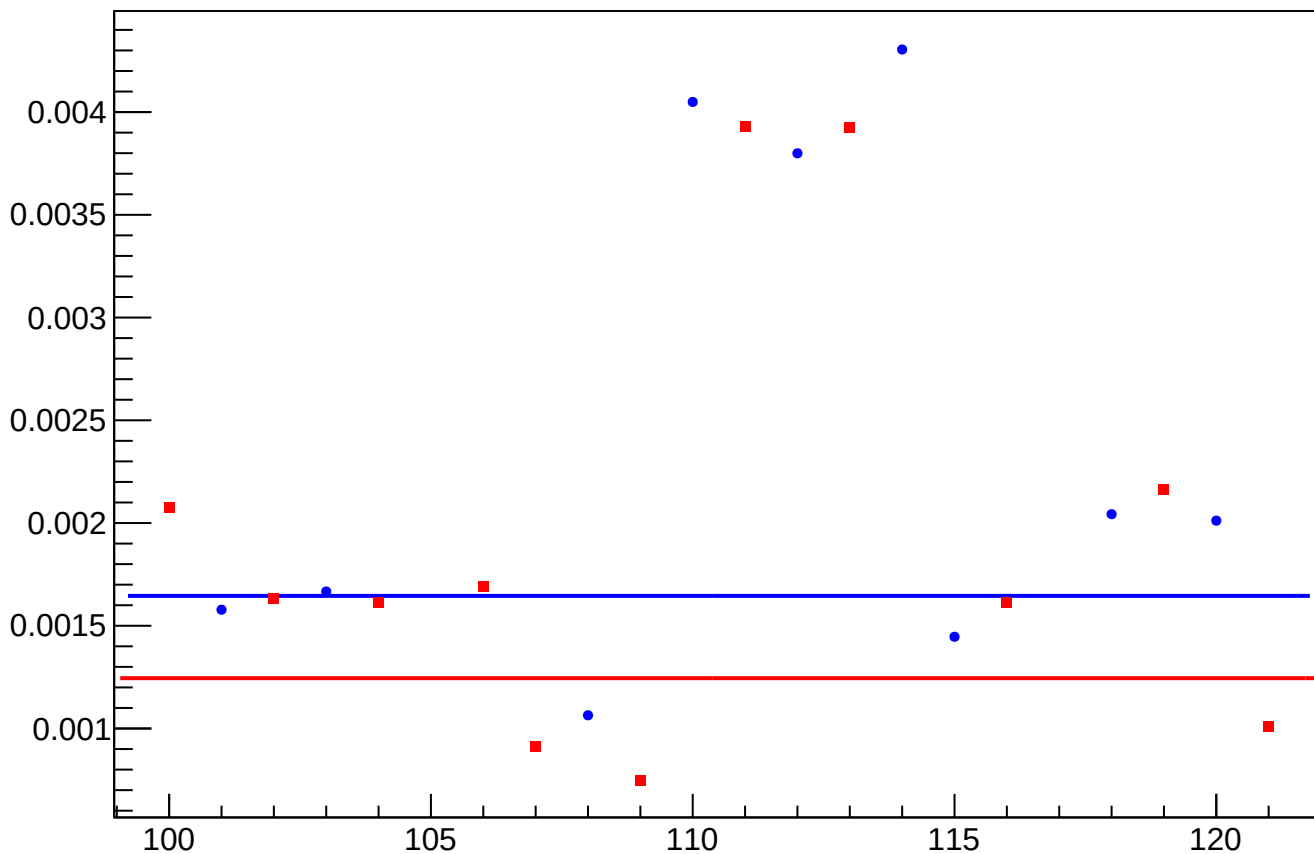
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.3/19

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.3/19

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 979718.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1745392.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

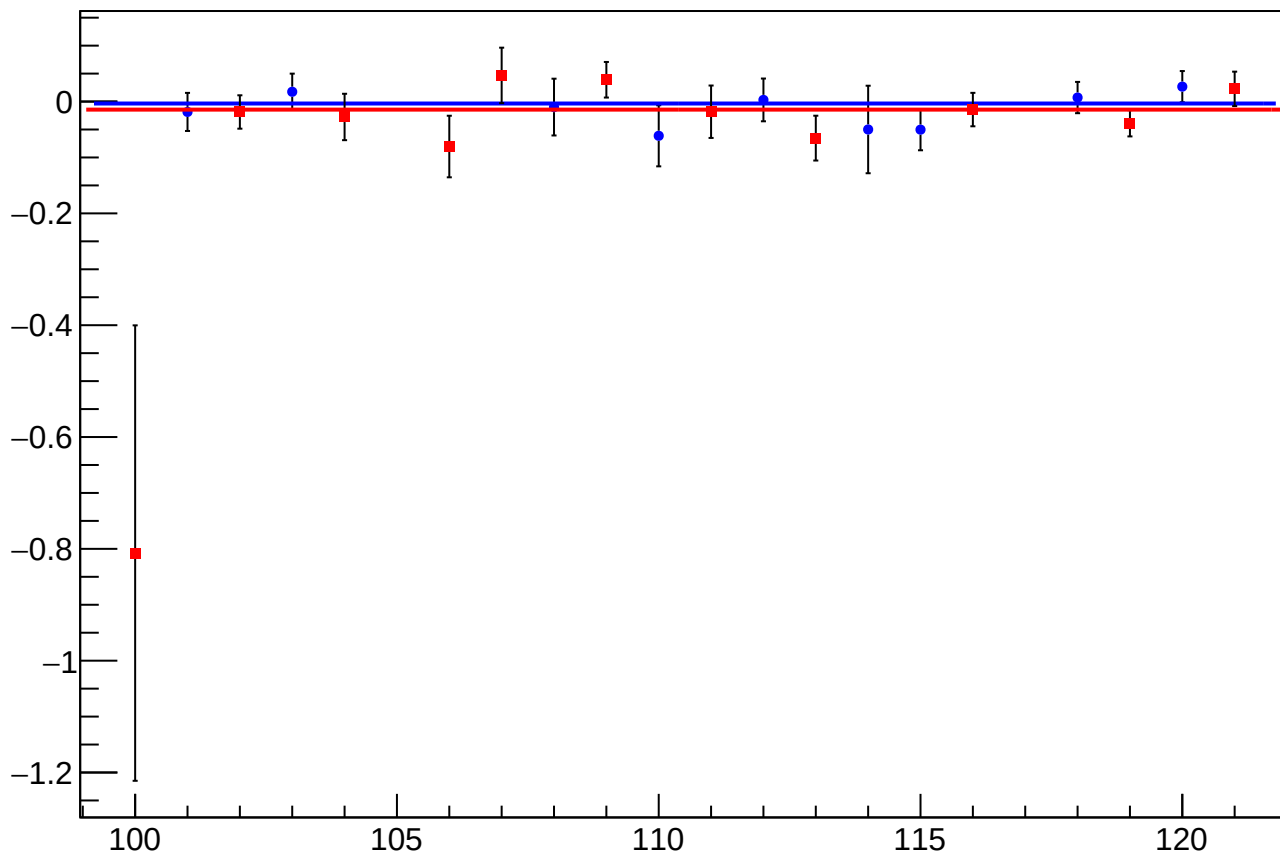
Right: 0.001+/-0.000 χ^2/NDF : 2973280.9/19

In: 0.002+/-0.000 χ^2/NDF : 979718.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2973280.9/19

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.012 χ^2 /NDF: 5.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.011 χ^2 /NDF: 13.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

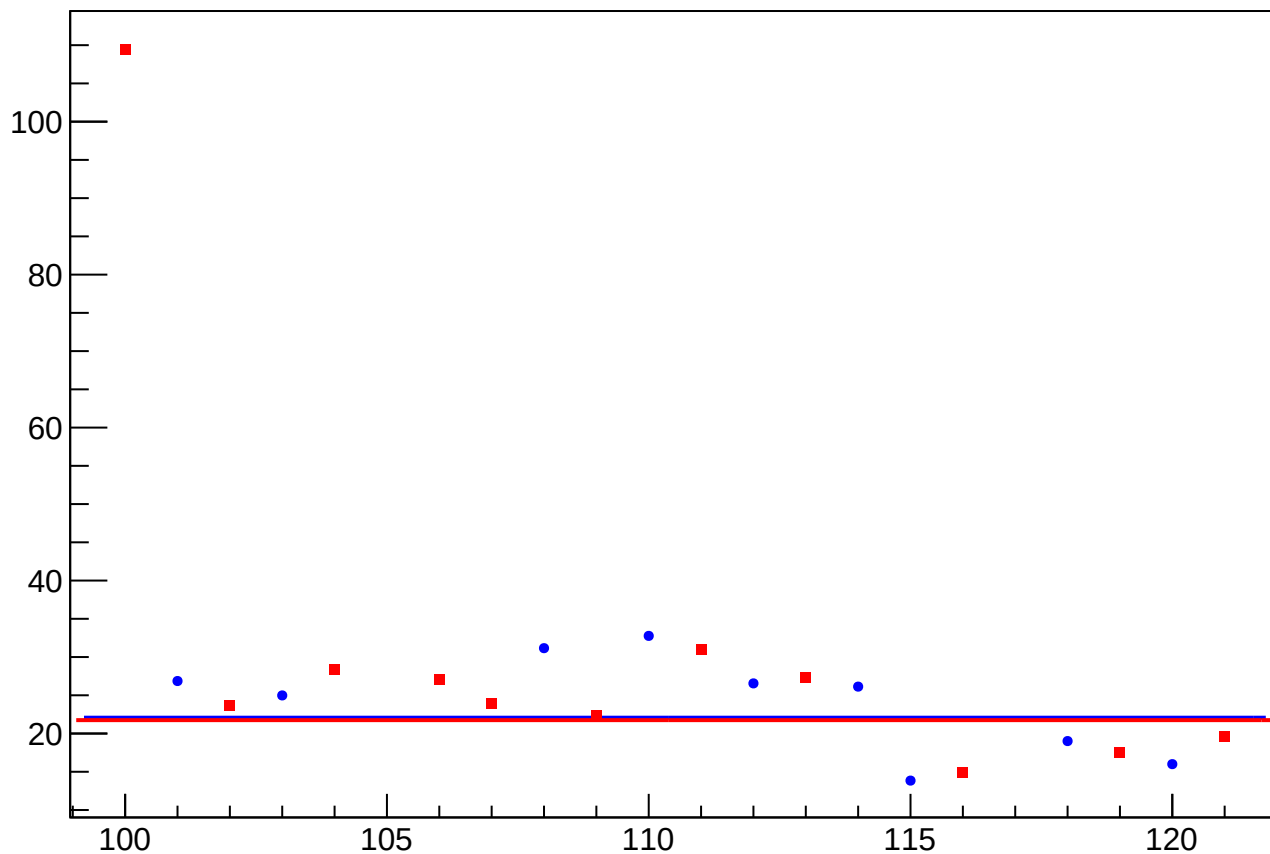
Right: -0.010 $\pm$ 0.008 χ^2 /NDF: 19.3/19

In: -0.004 $\pm$ 0.012 χ^2 /NDF:5.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.008 χ^2 /NDF: 19.3/19

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.751+/-0.008 χ^2/NDF : 468163.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

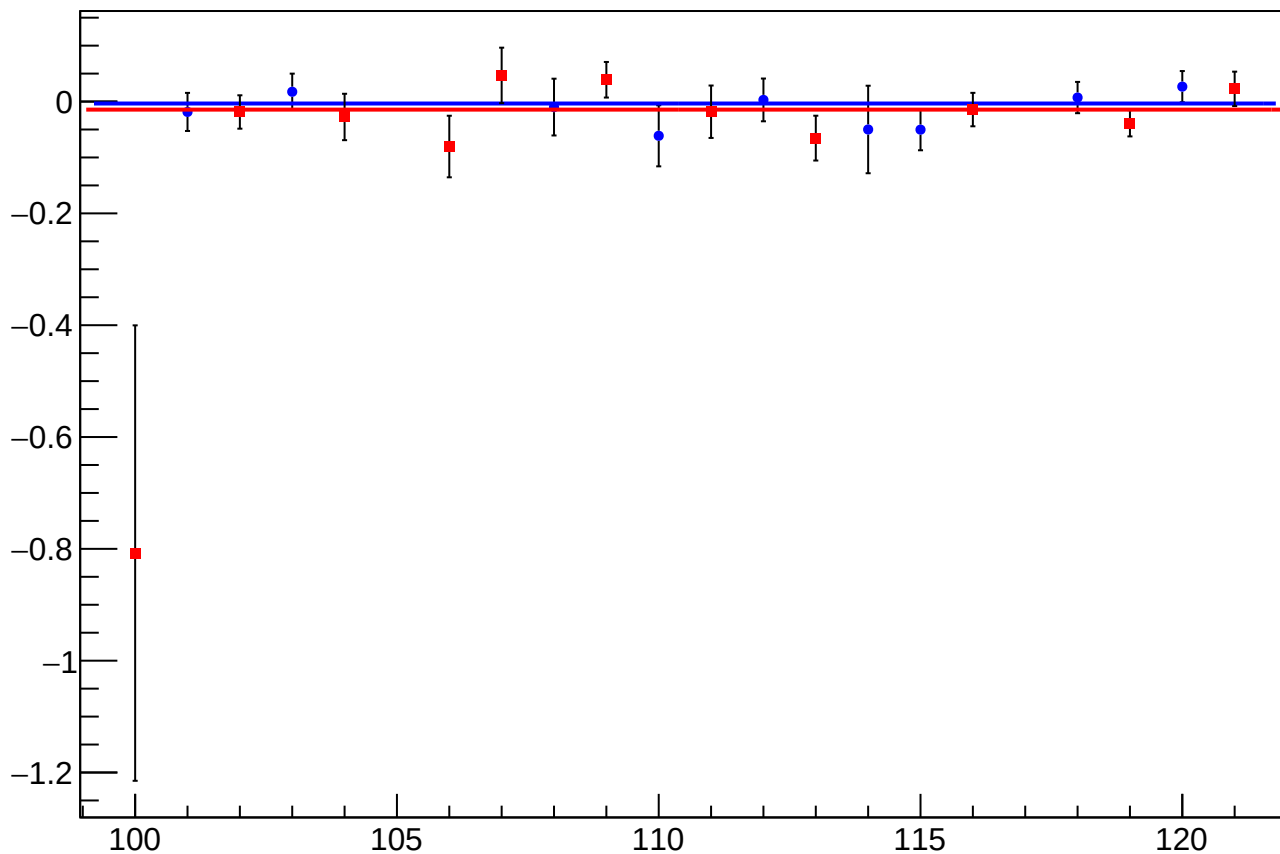
Right: 21.891+/-0.006 χ^2/NDF : 916417.1/19

In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.891+/-0.006 χ^2/NDF : 916417.1/19

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.012 χ^2 /NDF: 5.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.011 χ^2 /NDF: 13.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

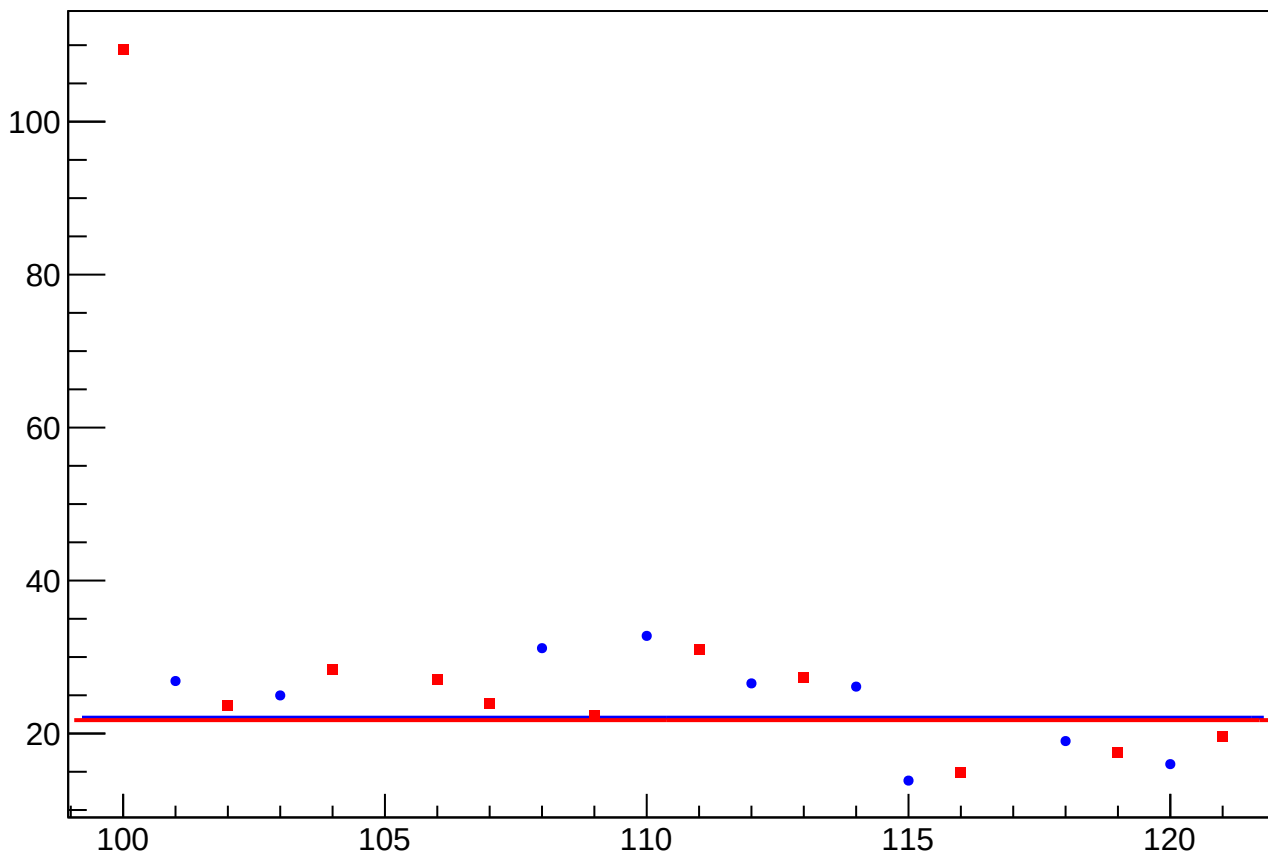
Right: -0.010 $\pm$ 0.008 χ^2 /NDF: 19.3/19

In: -0.004 $\pm$ 0.012 χ^2 /NDF:5.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.008 χ^2 /NDF: 19.3/19

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.751+/-0.008 χ^2/NDF : 468163.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

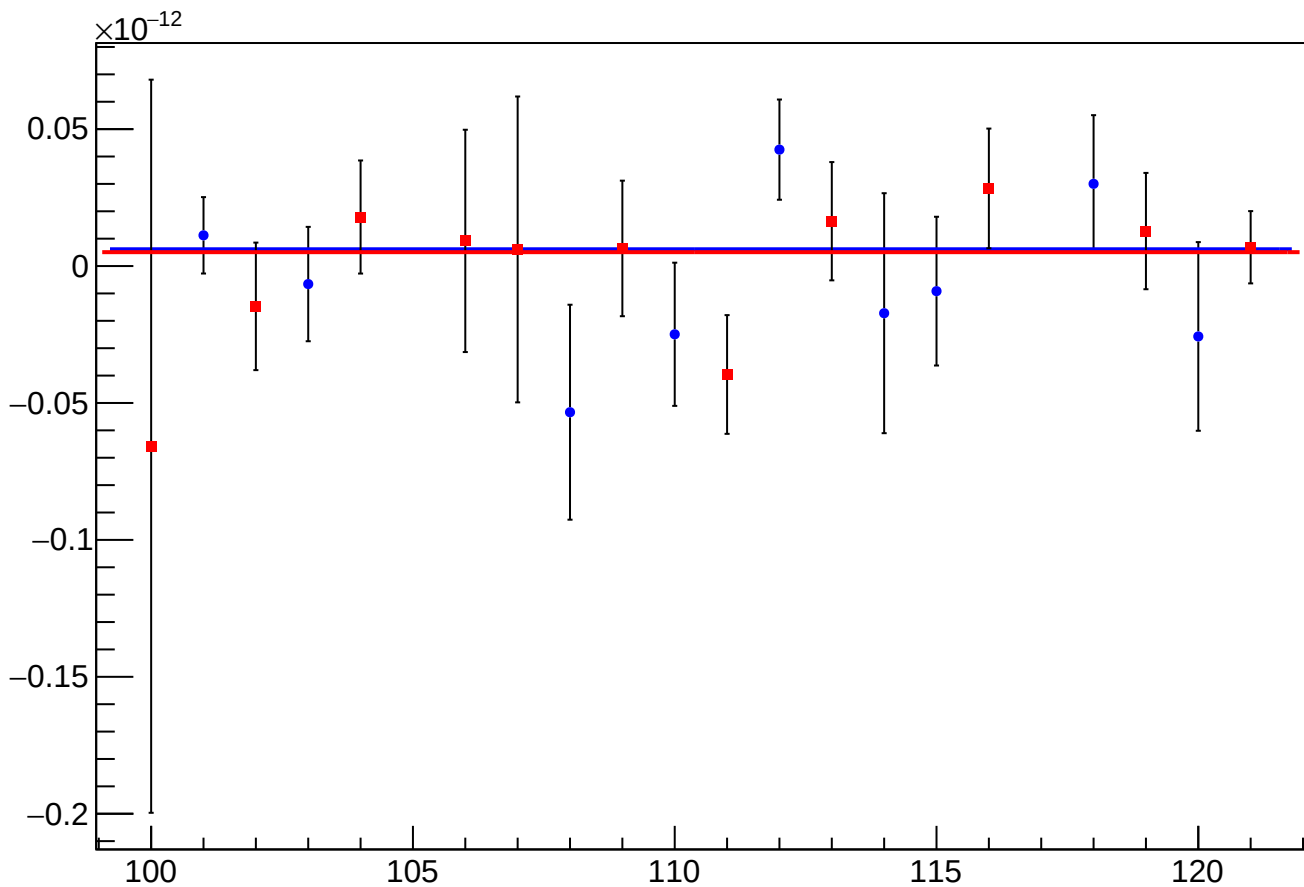
Right: 21.891+/-0.006 χ^2/NDF : 916417.1/19

In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.891+/-0.006 χ^2/NDF : 916417.1/19

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

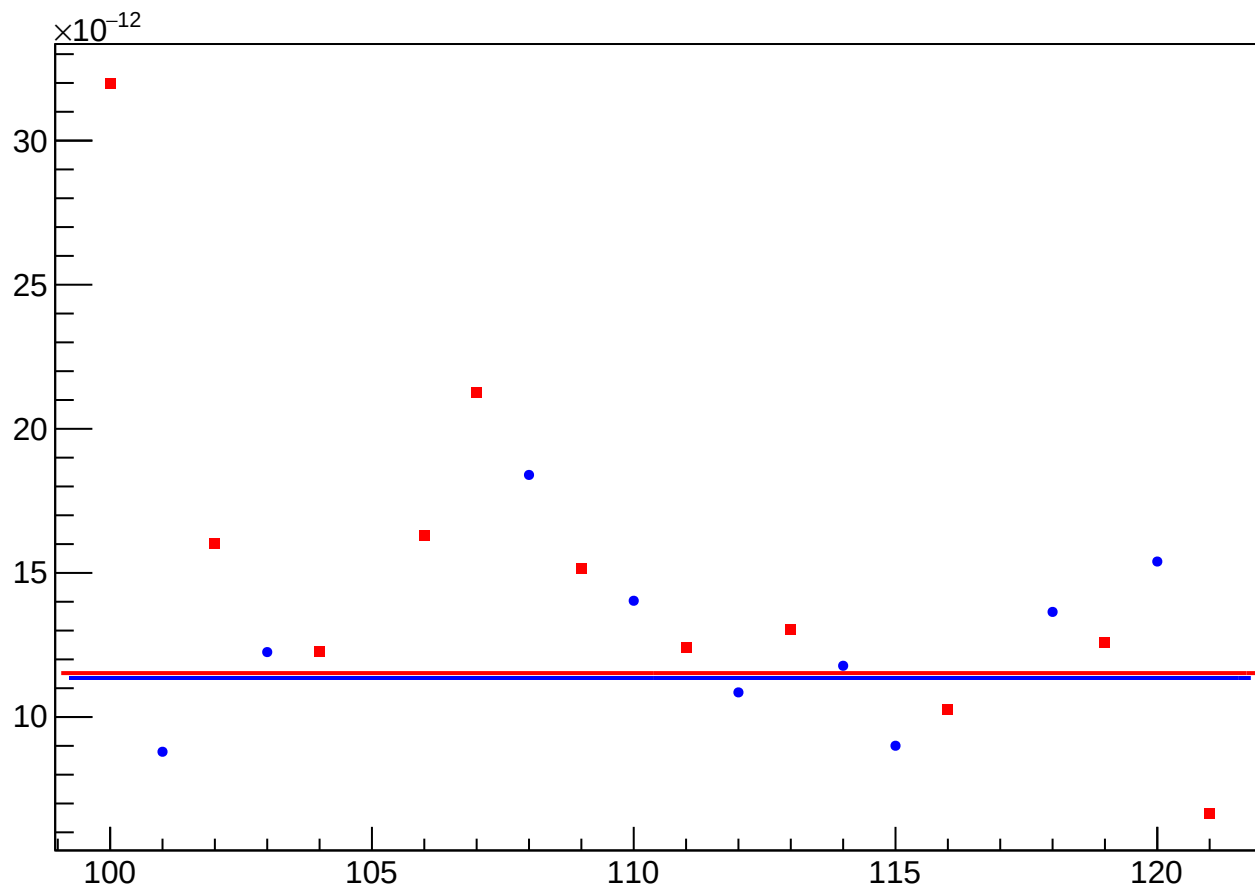
Right: 0.000+/-0.000 χ^2/NDF : 17.7/19

In: 0.000+/-0.000 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/19

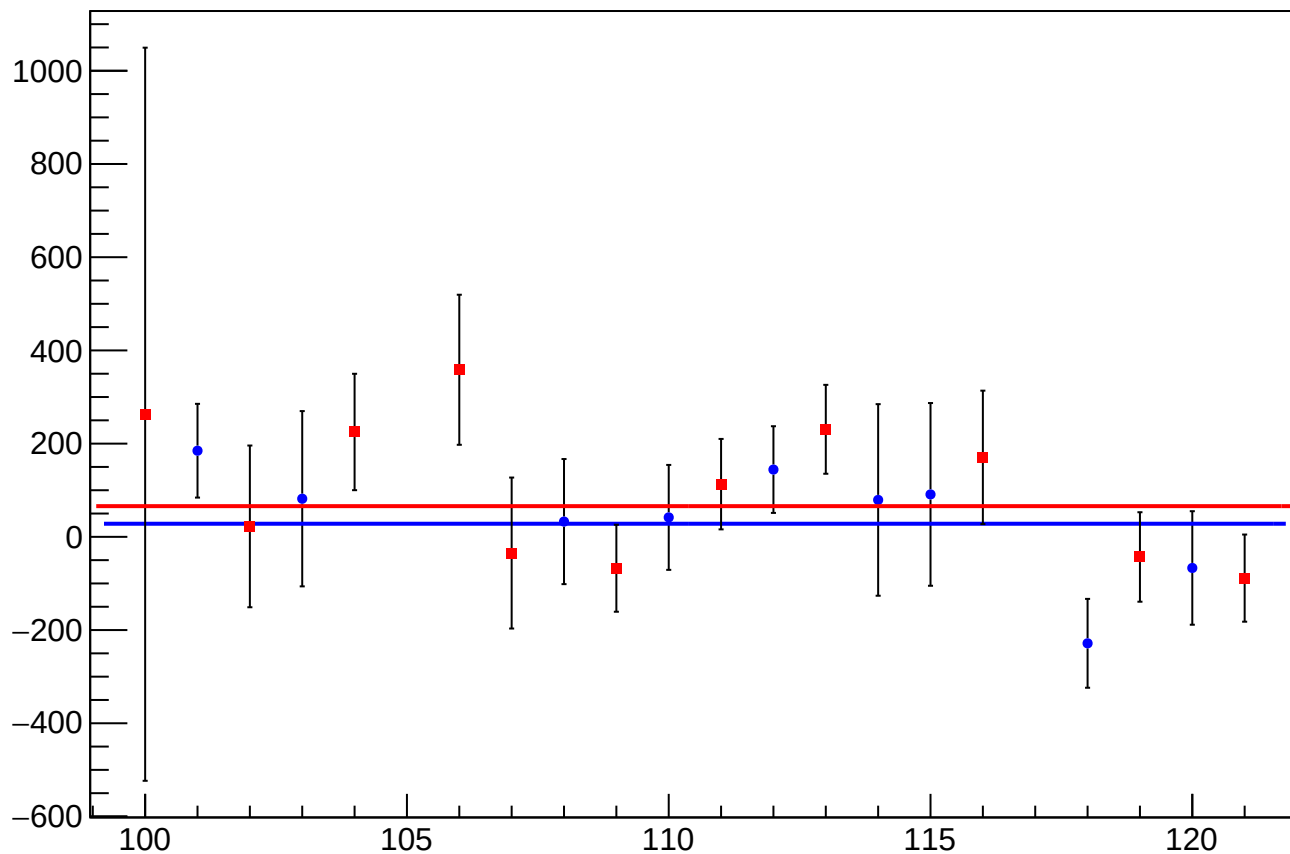
asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 217390.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 553256.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 771188.2/19
 In: 0.000+/-0.000 χ^2/NDF : 217390.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 771188.2/19

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 28.115+/-40.679 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.863+/-35.845 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

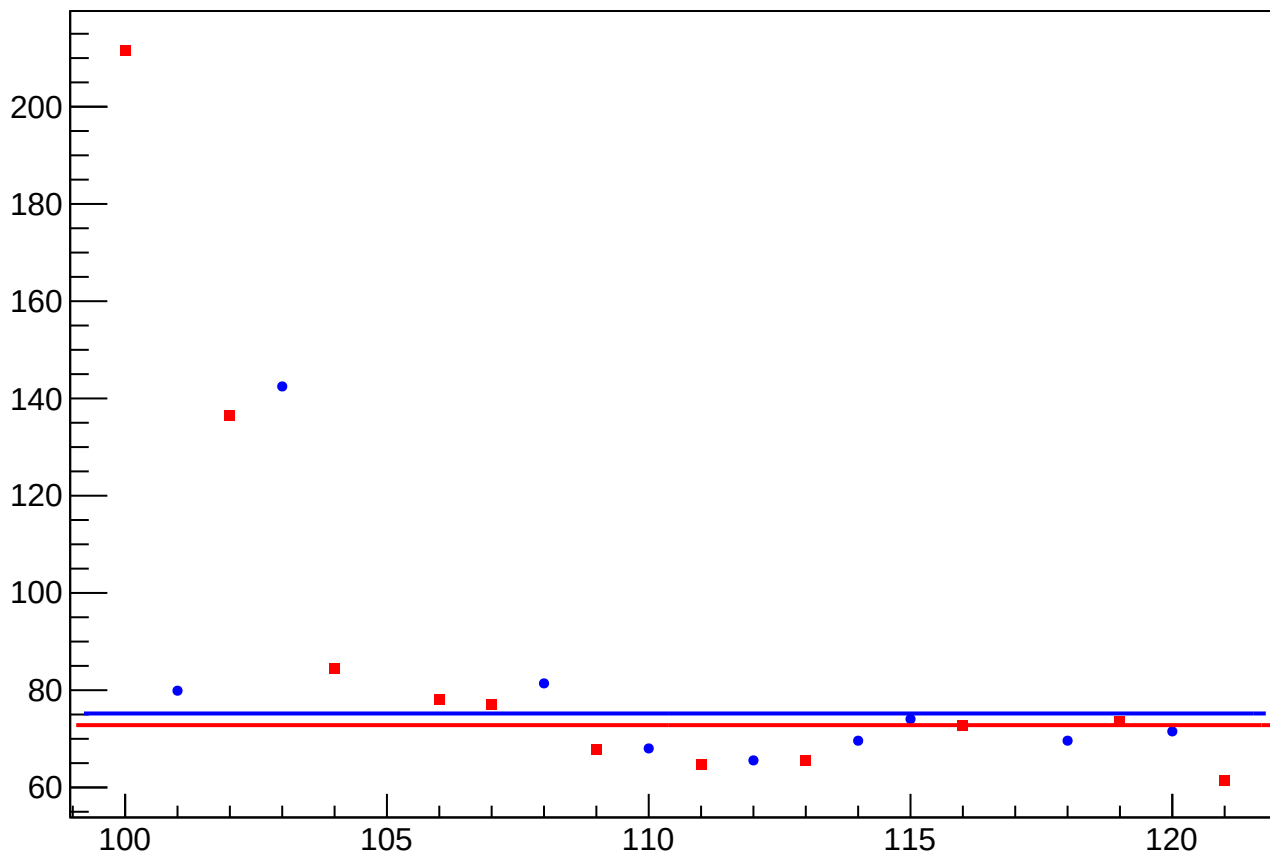
Right: 49.364+/-26.894 χ^2/NDF : 27.8/19

In: 28.115+/-40.679 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.364+/-26.894 χ^2/NDF : 27.8/19

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.212+/-0.029 χ^2/NDF : 304424.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.814+/-0.025 χ^2/NDF : 412980.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

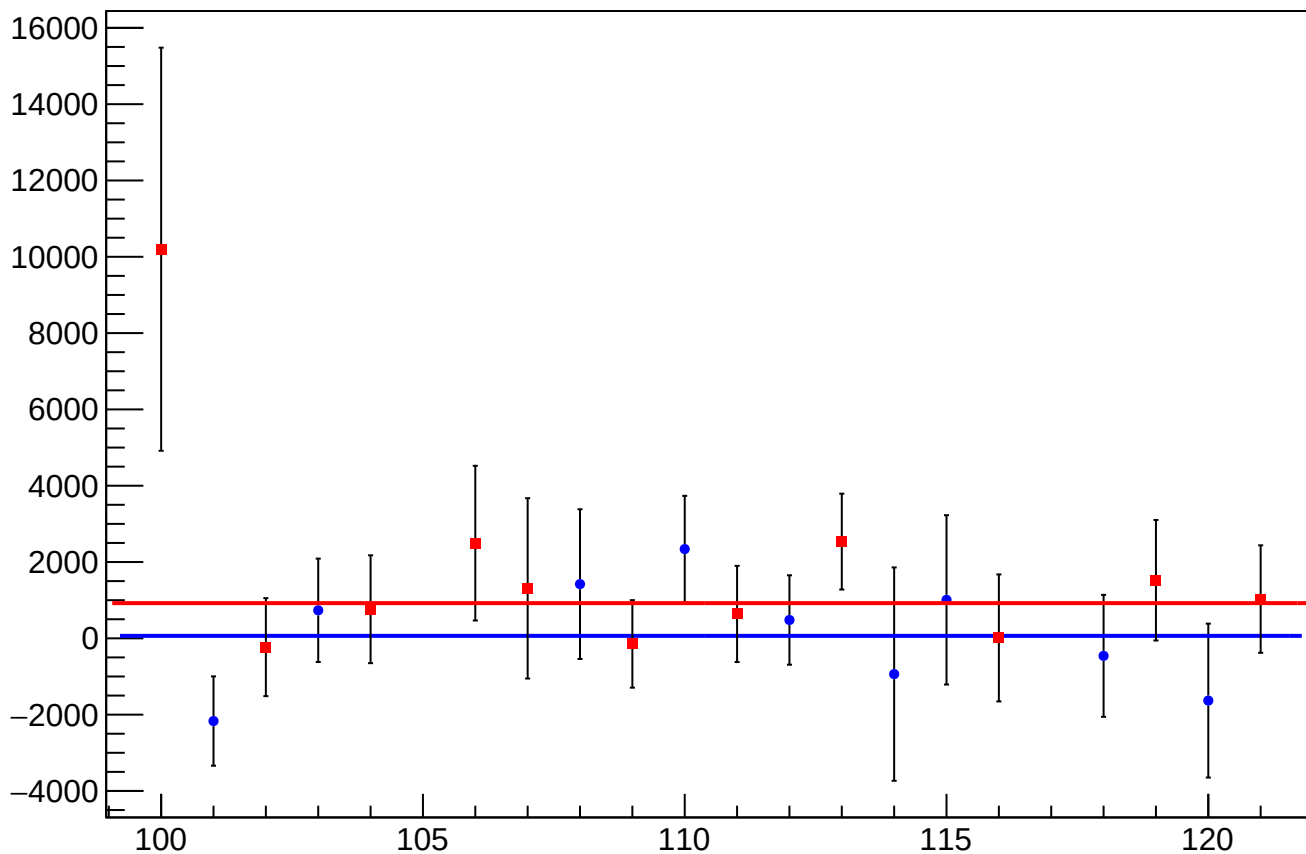
Right: 73.862+/-0.019 χ^2/NDF : 721315.4/19

In: 75.212+/-0.029 χ^2/NDF : 304424.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.862+/-0.019 χ^2/NDF : 721315.4/19

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 65.178+/-516.801 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 922.772+/-453.873 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

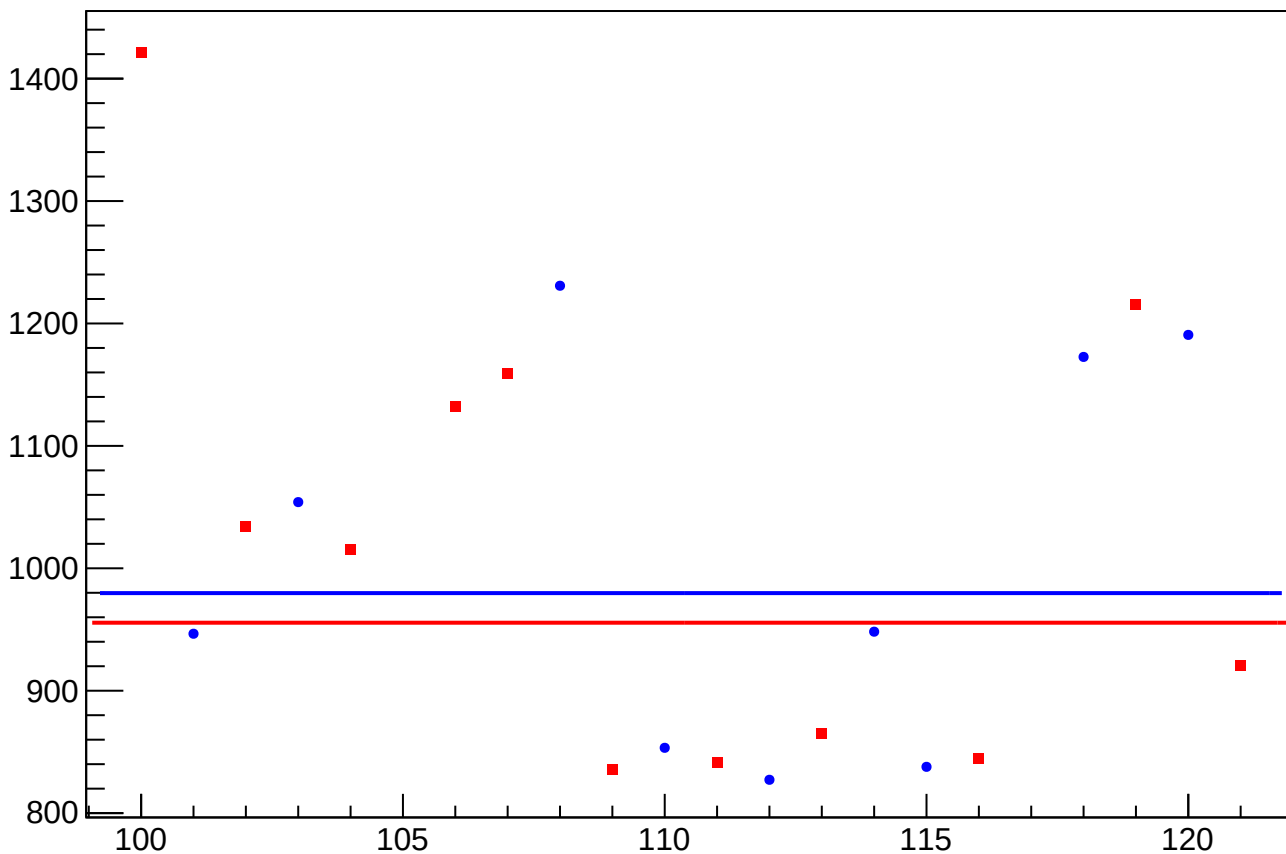
Right: 549.340+/-341.027 χ^2/NDF : 17.4/19

In: 65.178+/-516.801 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.340+/-341.027 χ^2/NDF : 17.4/19

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 979.739+/-0.365 χ^2/NDF : 150105.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.556+/-0.321 χ^2/NDF : 169617.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

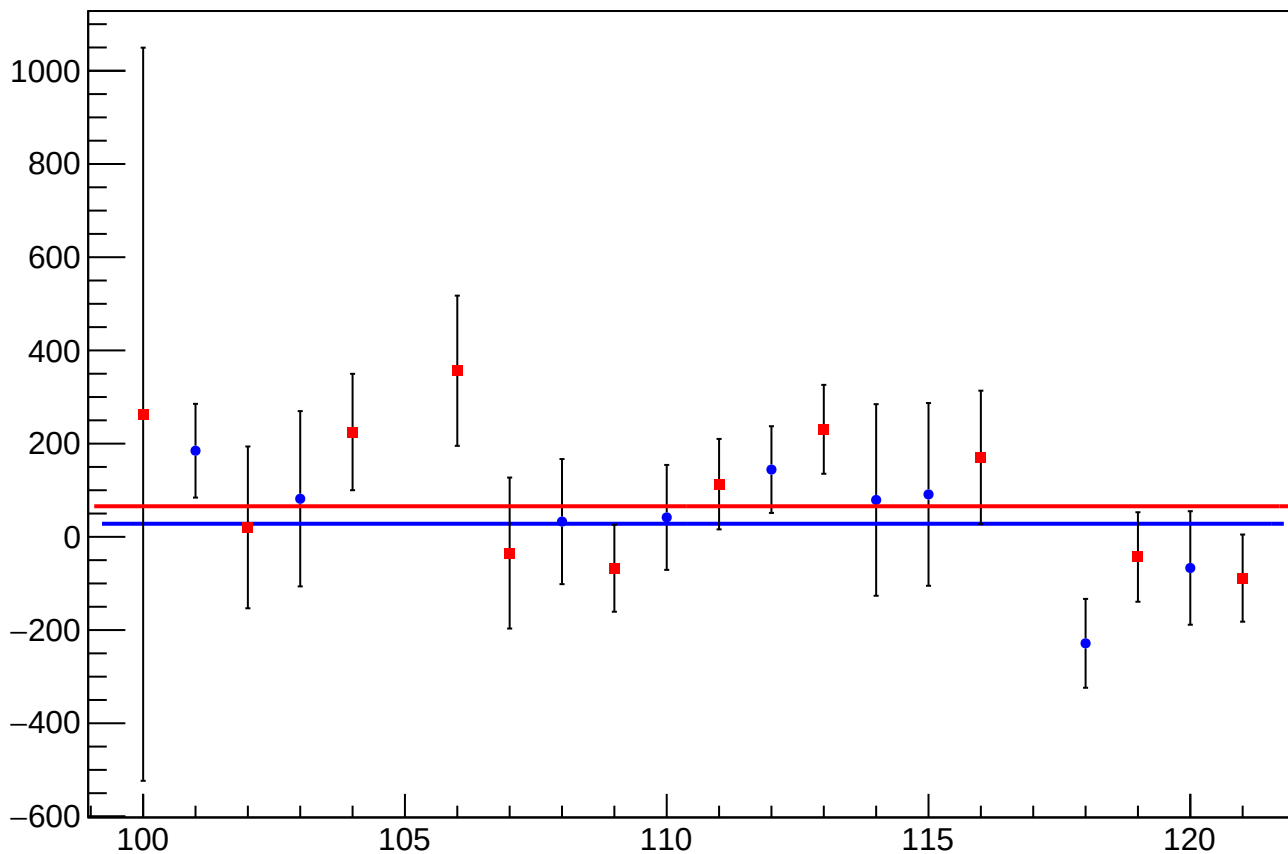
Right: 966.086+/-0.241 χ^2/NDF : 322195.0/19

In: 979.739+/-0.365 χ^2/NDF : 150105.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.086+/-0.241 χ^2/NDF : 322195.0/19

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.634+/-35.848 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

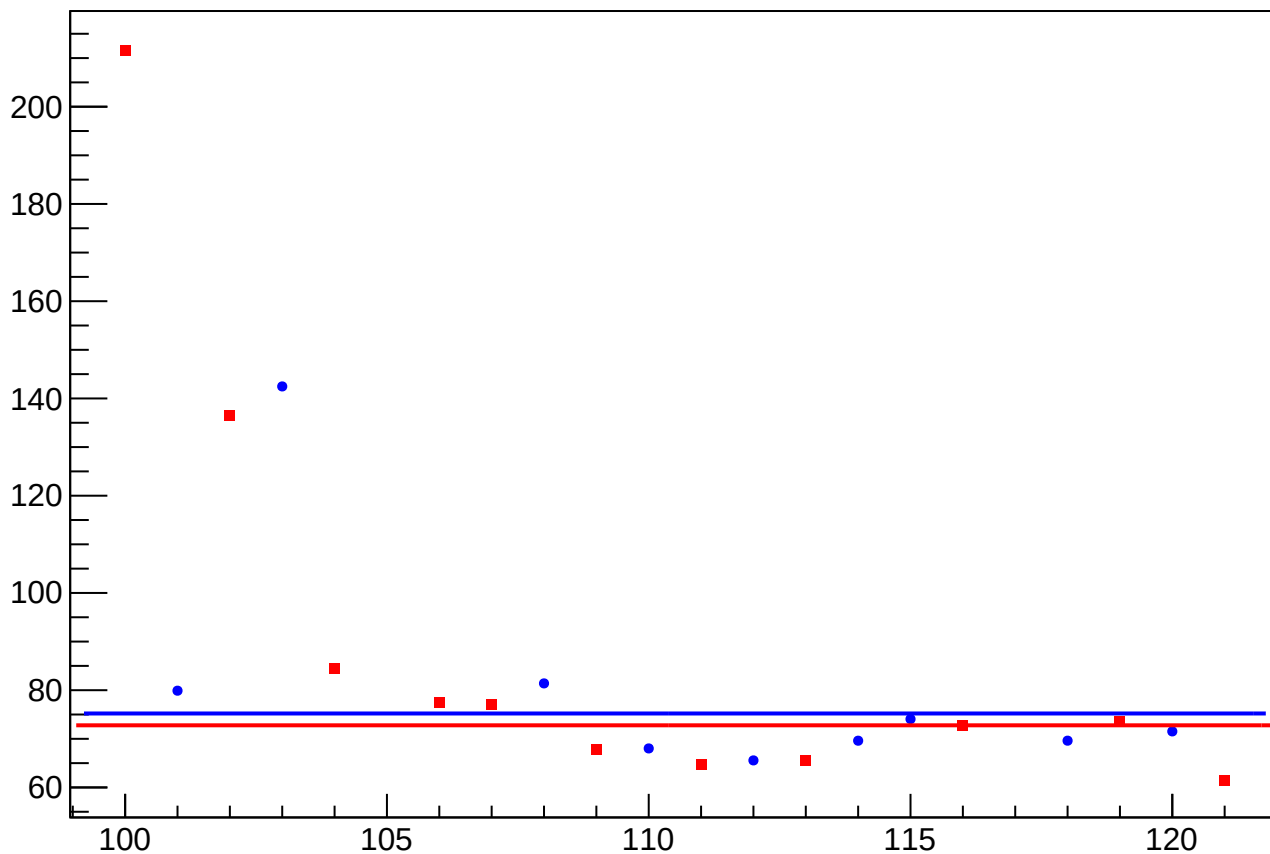
Right: 49.229+/-26.895 χ^2/NDF : 27.8/19

In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.229+/-26.895 χ^2/NDF : 27.8/19

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.779+/-0.025 χ^2/NDF : 412716.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

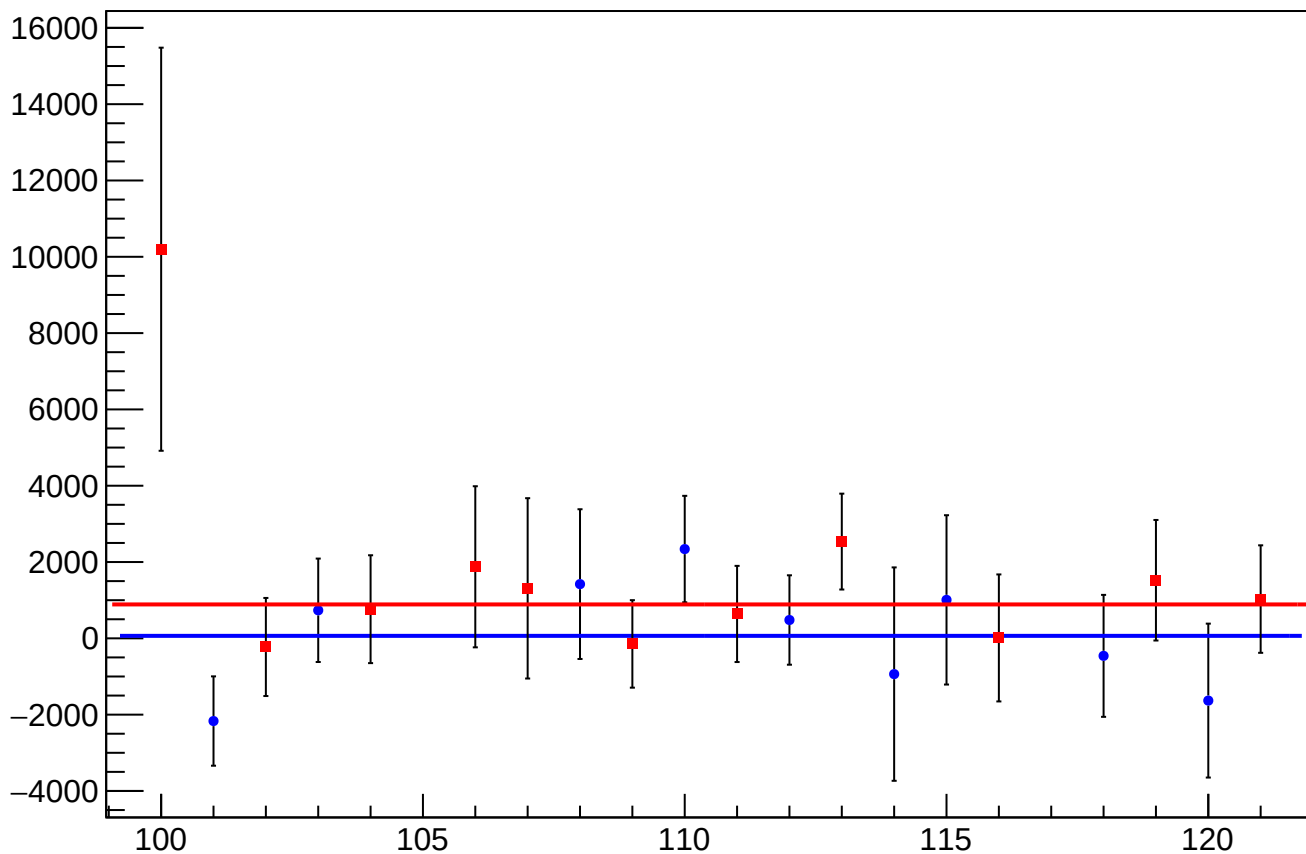
Right: 73.843+/-0.019 χ^2/NDF : 721168.8/19

In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.843+/-0.019 χ^2/NDF : 721168.8/19

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.734+/-454.800 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

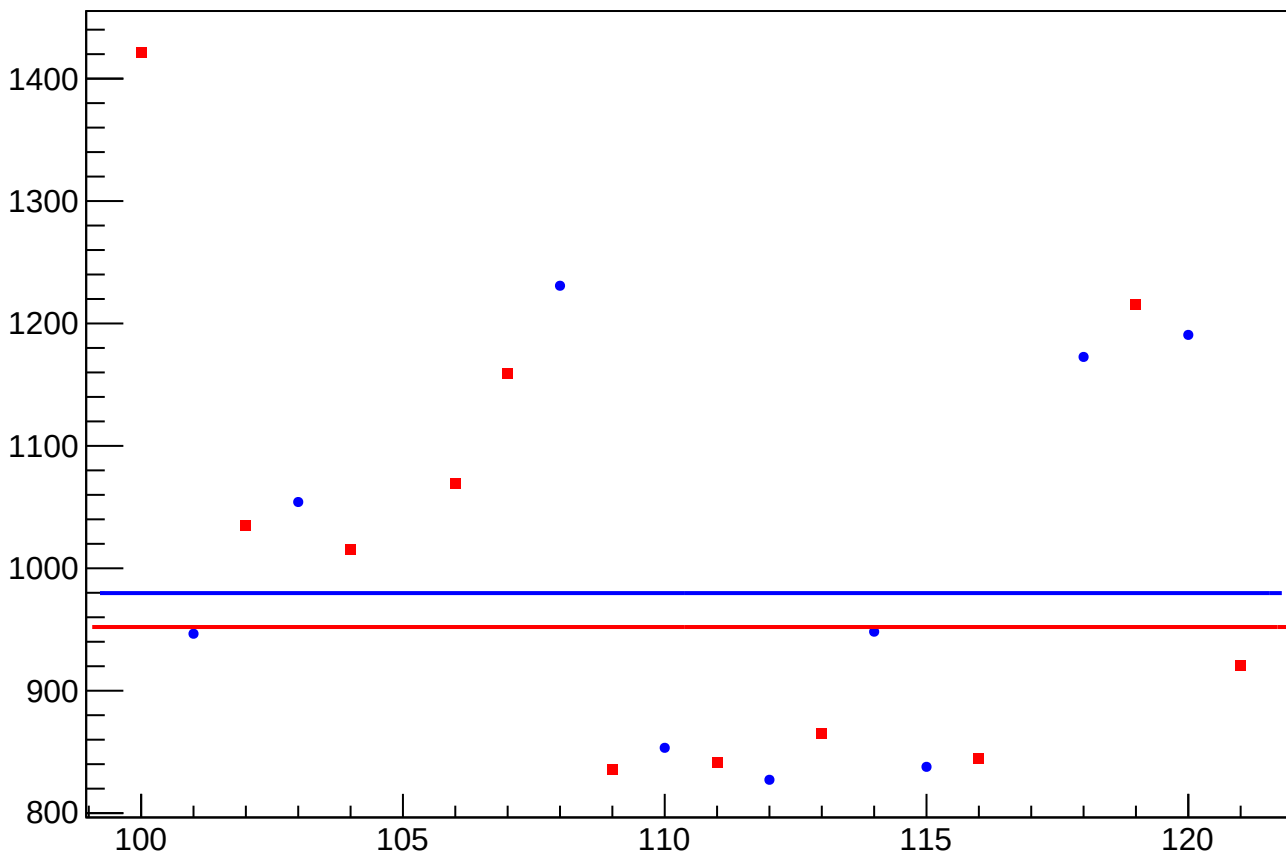
Right: 529.333+/-341.421 χ^2/NDF : 16.8/19

In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.333+/-341.421 χ^2/NDF : 16.8/19

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 952.039+/-0.322 χ^2/NDF : 160291.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

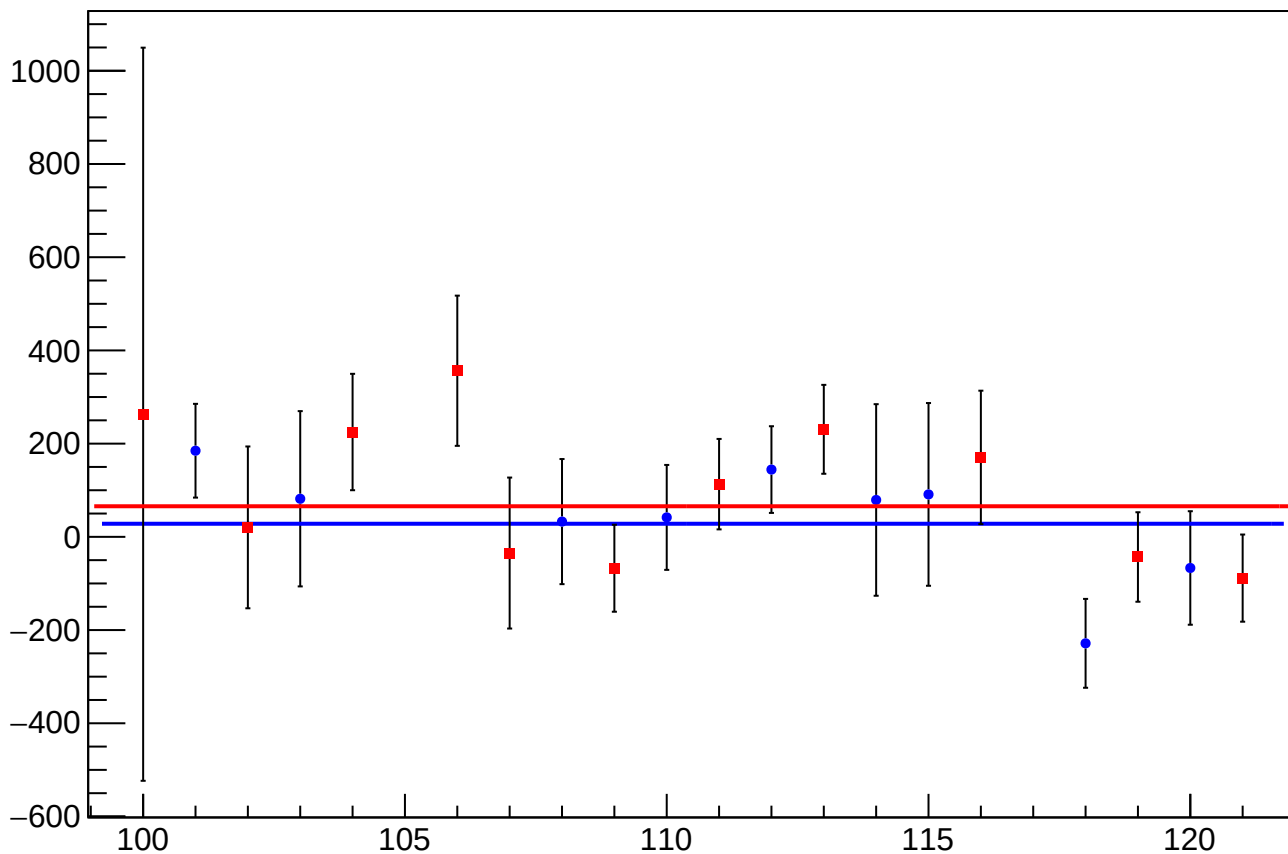
Right: 964.133+/-0.241 χ^2/NDF : 313649.7/19

In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.133+/-0.241 χ^2/NDF : 313649.7/19

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.634+/-35.848 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

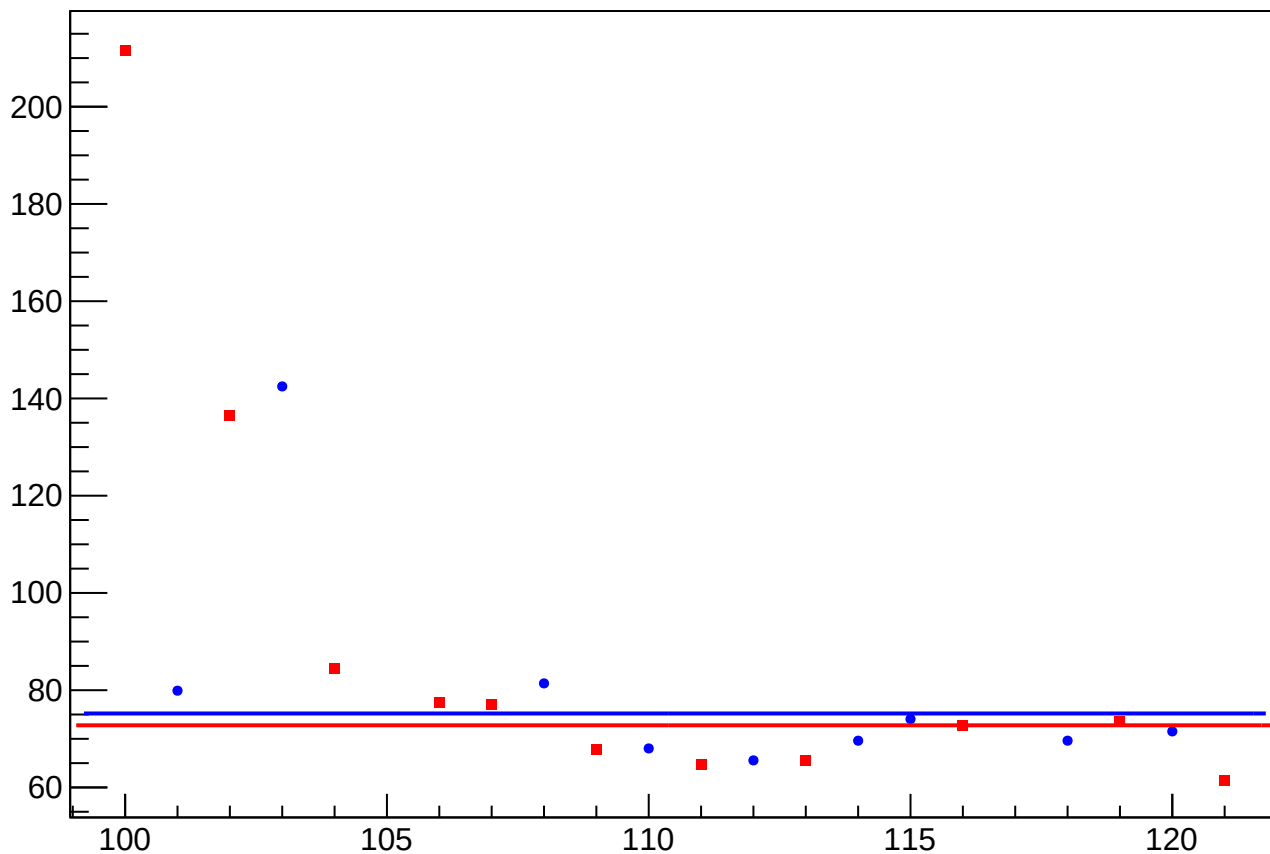
Right: 49.229+/-26.895 χ^2/NDF : 27.8/19

In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.229+/-26.895 χ^2/NDF : 27.8/19

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.779+/-0.025 χ^2/NDF : 412716.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

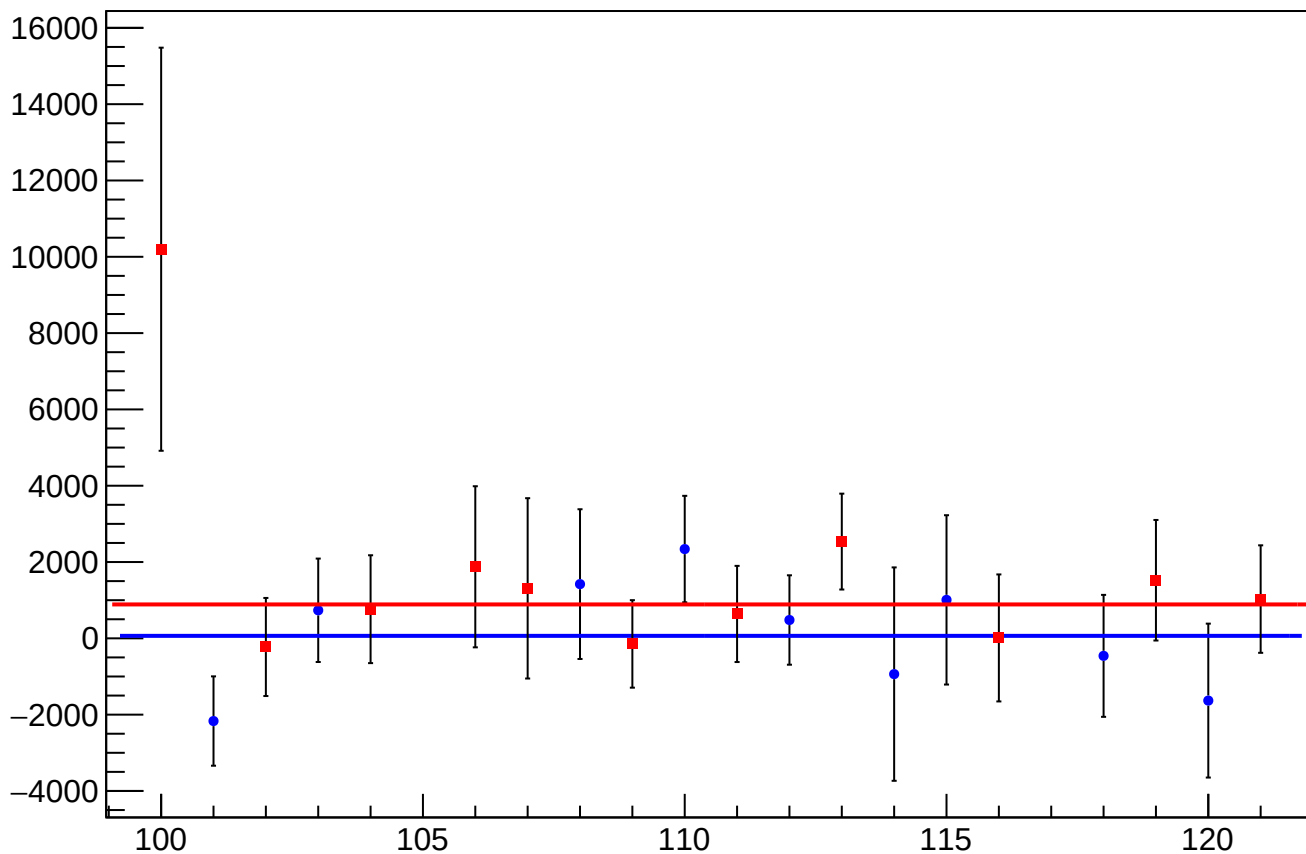
Right: 73.843+/-0.019 χ^2/NDF : 721168.8/19

In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.843+/-0.019 χ^2/NDF : 721168.8/19

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.734+/-454.800 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

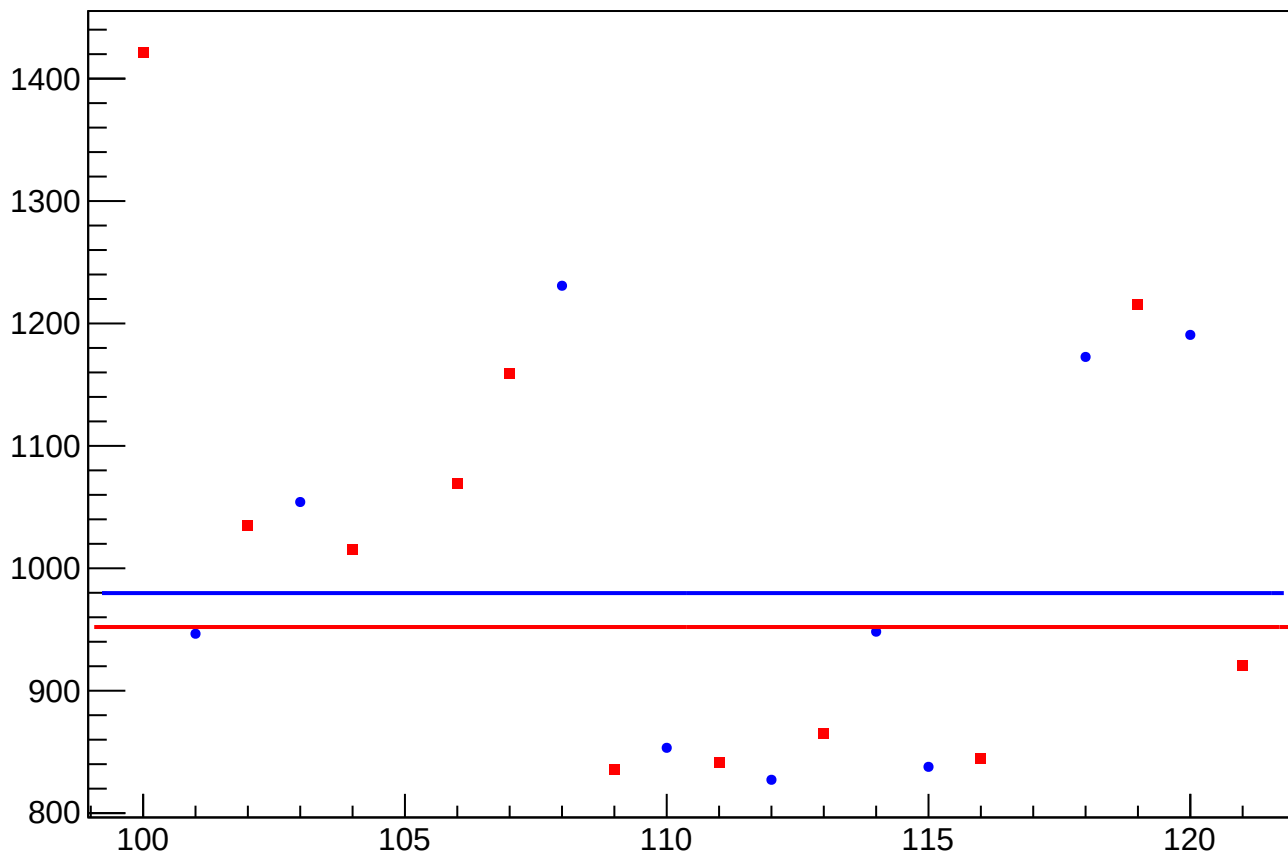
Right: 529.333+/-341.421 χ^2/NDF : 16.8/19

In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.333+/-341.421 χ^2/NDF : 16.8/19

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 952.039+/-0.322 χ^2/NDF : 160291.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

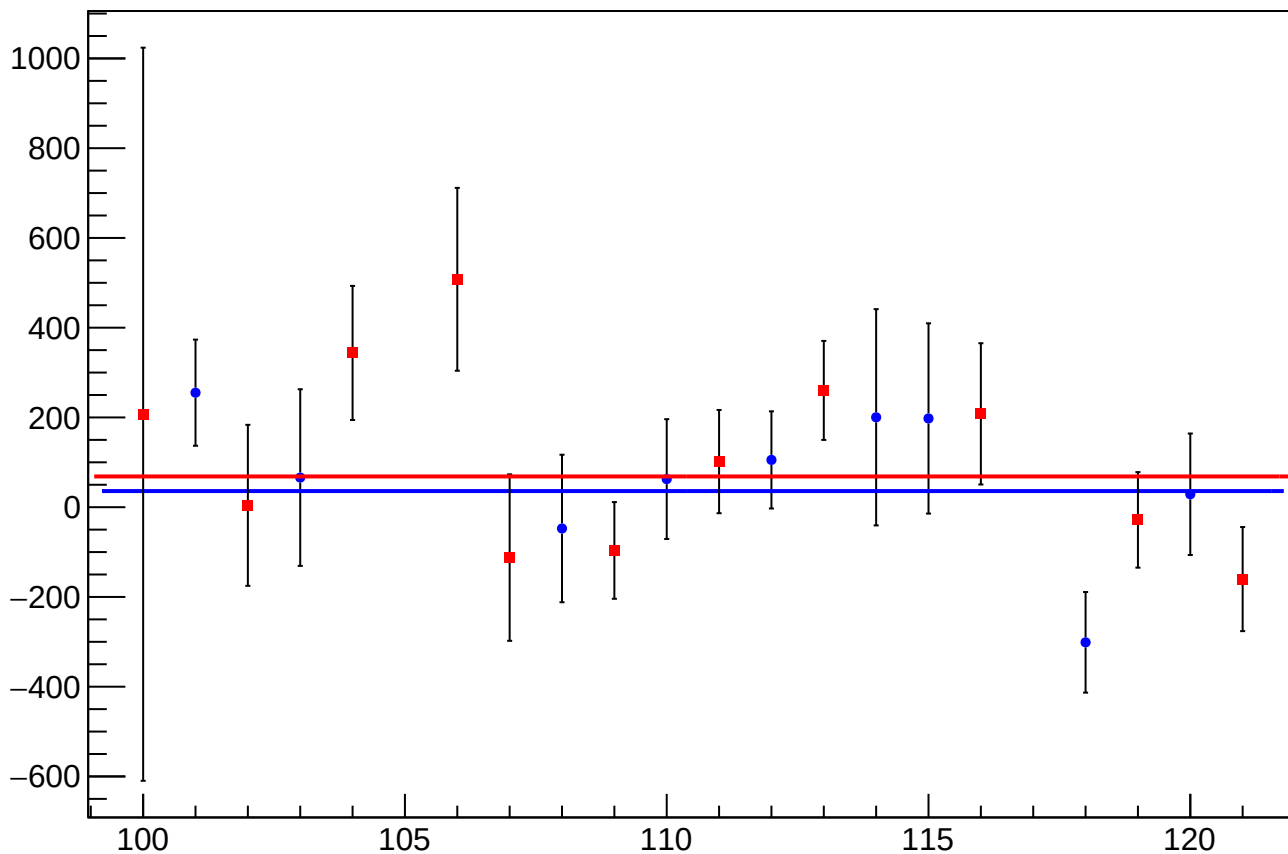
Right: 964.133+/-0.241 χ^2/NDF : 313649.7/19

In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.133+/-0.241 χ^2/NDF : 313649.7/19

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.924+/-47.172 χ^2/NDF : 14.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.505+/-41.617 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

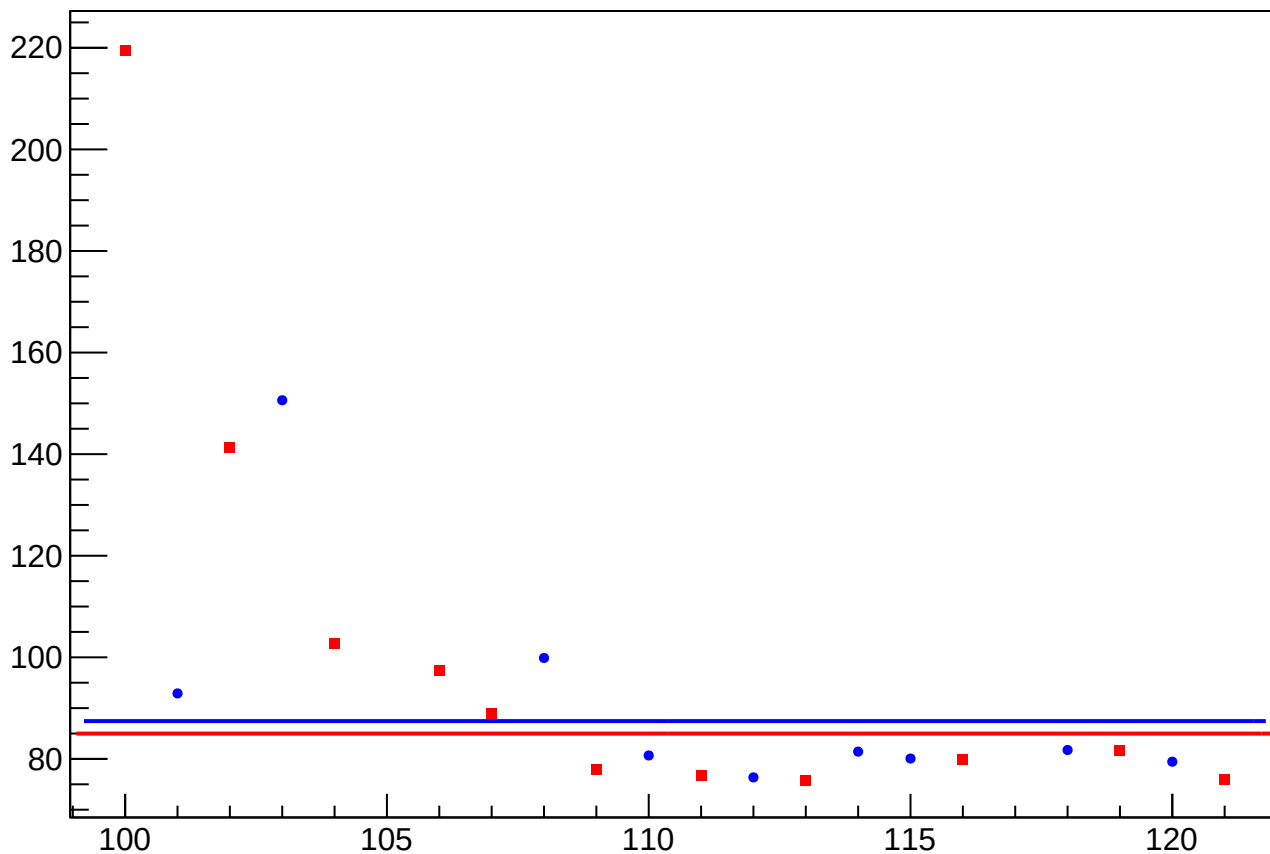
Right: 54.245+/-31.208 χ^2/NDF : 34.6/19

In: 35.924+/-47.172 χ^2/NDF : 14.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.245+/-31.208 χ^2/NDF : 34.6/19

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 87.442 $\pm$ 0.033 χ^2 /NDF: 263594.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 84.987 $\pm$ 0.029 χ^2 /NDF: 336800.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

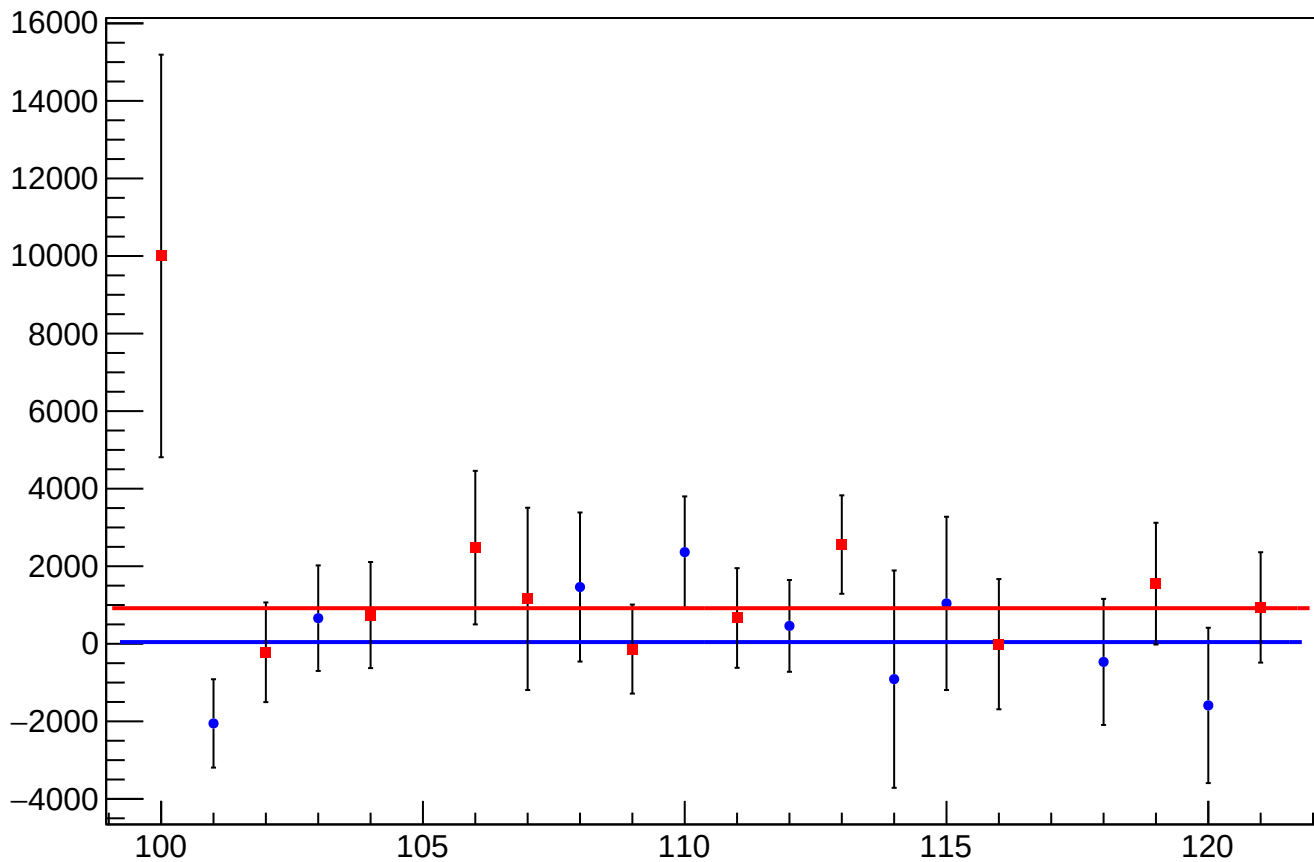
Right: 86.061 $\pm$ 0.022 χ^2 /NDF: 603440.8/19

In: 87.442 $\pm$ 0.033 χ^2 /NDF: 263594.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.061 $\pm$ 0.022 χ^2 /NDF: 603440.8/19

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.384+/-517.463 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.150+/-453.969 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

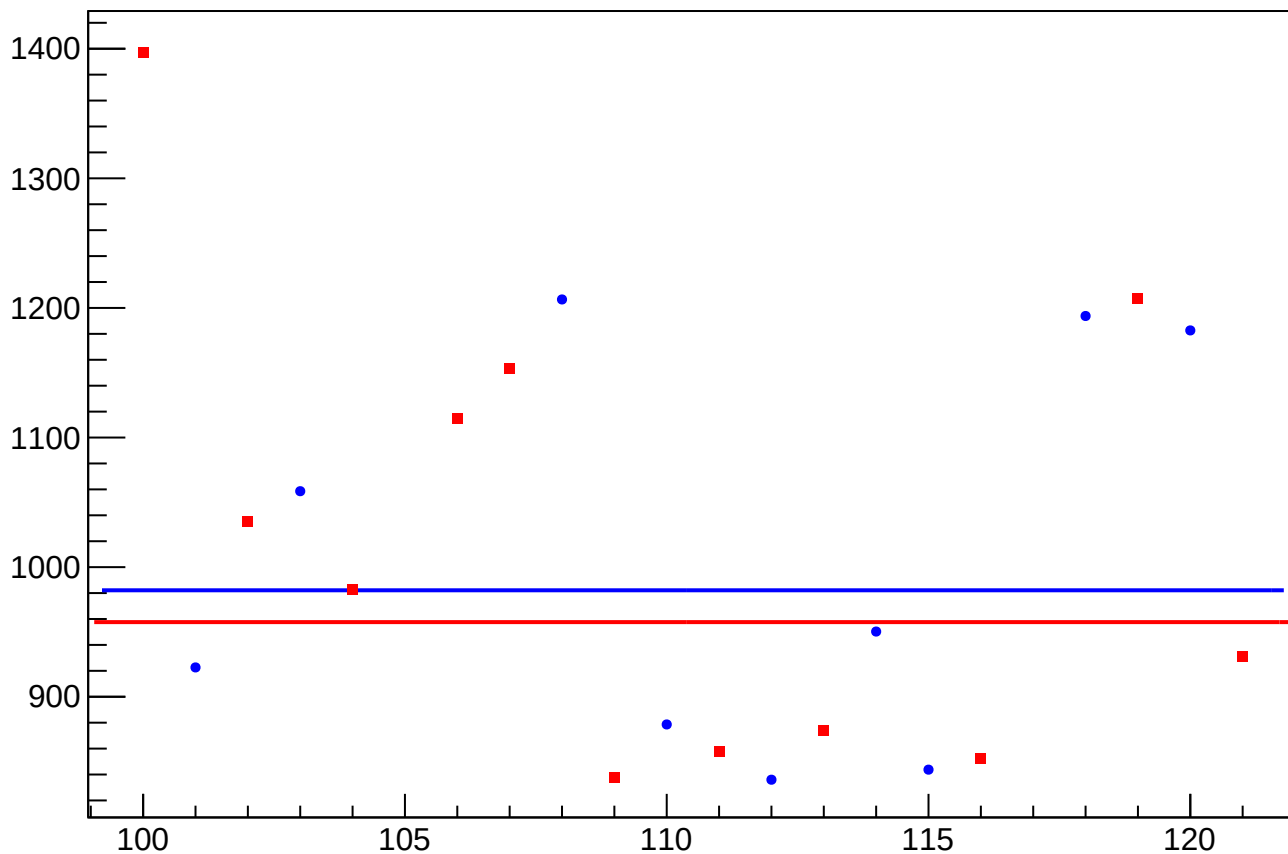
Right: 538.135+/-341.258 χ^2/NDF : 17.1/19

In: 44.384+/-517.463 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.135+/-341.258 χ^2/NDF : 17.1/19

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 982.143+/-0.366 χ^2/NDF : 141774.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.588+/-0.321 χ^2/NDF : 150421.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

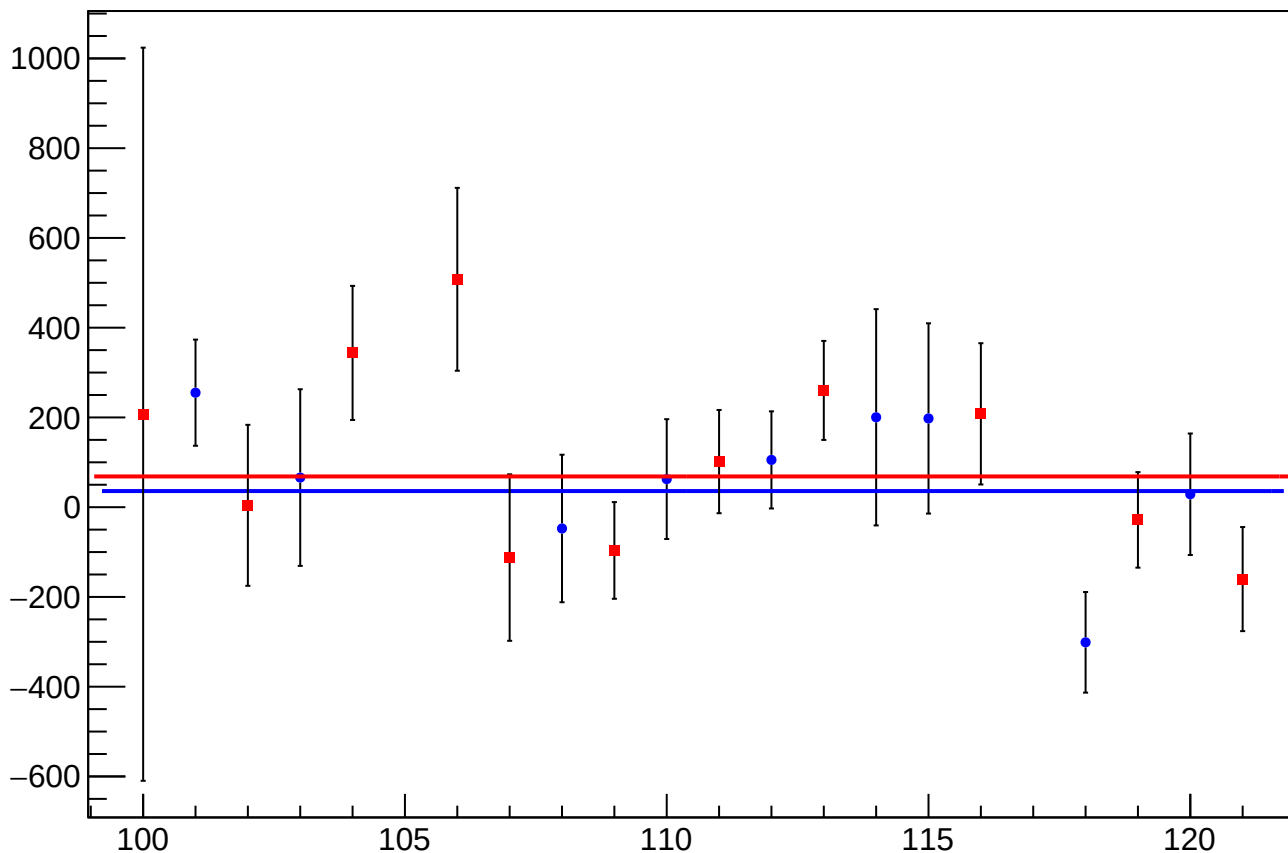
Right: 968.268+/-0.241 χ^2/NDF : 294741.0/19

In: 982.143+/-0.366 χ^2/NDF : 141774.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.268+/-0.241 χ^2/NDF : 294741.0/19

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.923+/-47.172 χ^2/NDF : 14.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.503+/-41.617 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

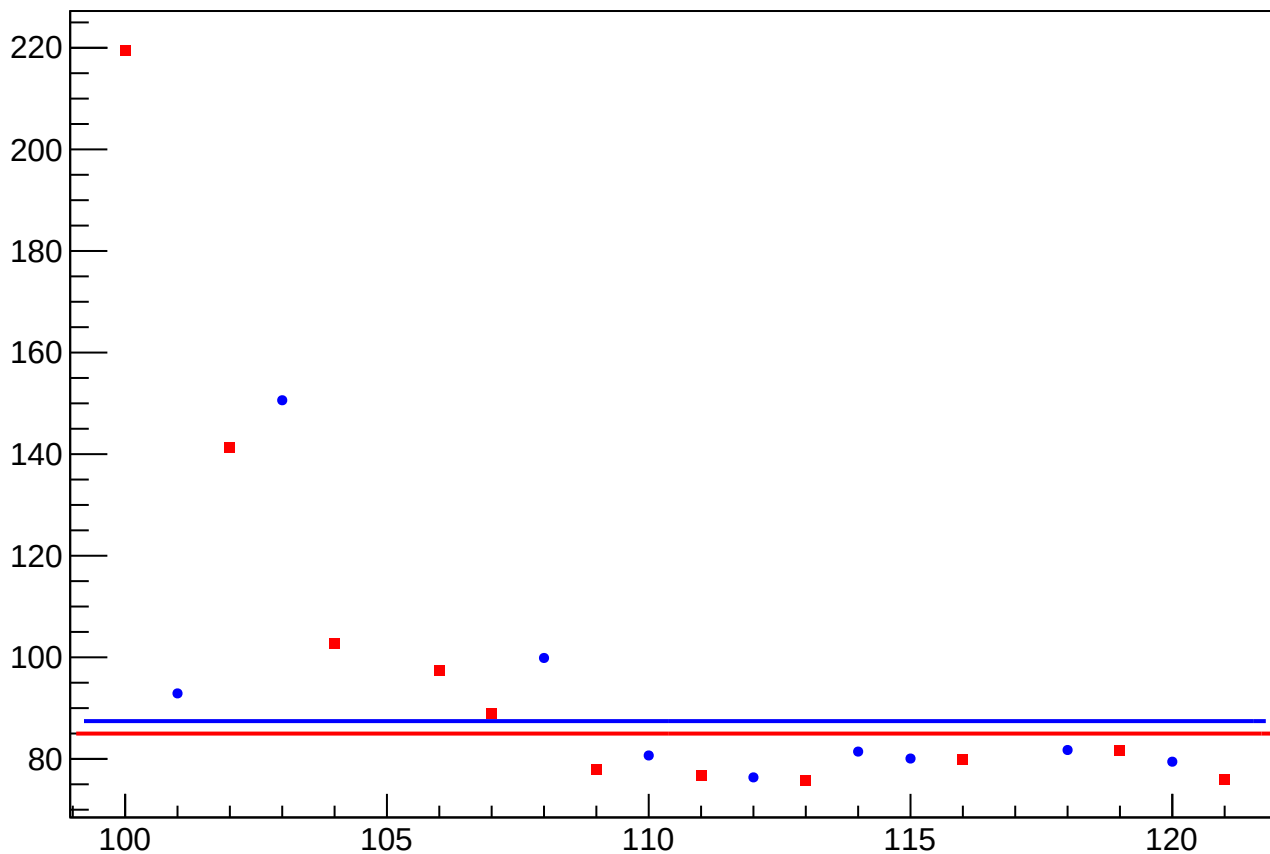
Right: 54.243+/-31.208 χ^2/NDF : 34.6/19

In: 35.923+/-47.172 χ^2/NDF : 14.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.243+/-31.208 χ^2/NDF : 34.6/19

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 87.442+/-0.033 χ^2/NDF : 263598.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.987+/-0.029 χ^2/NDF : 336809.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

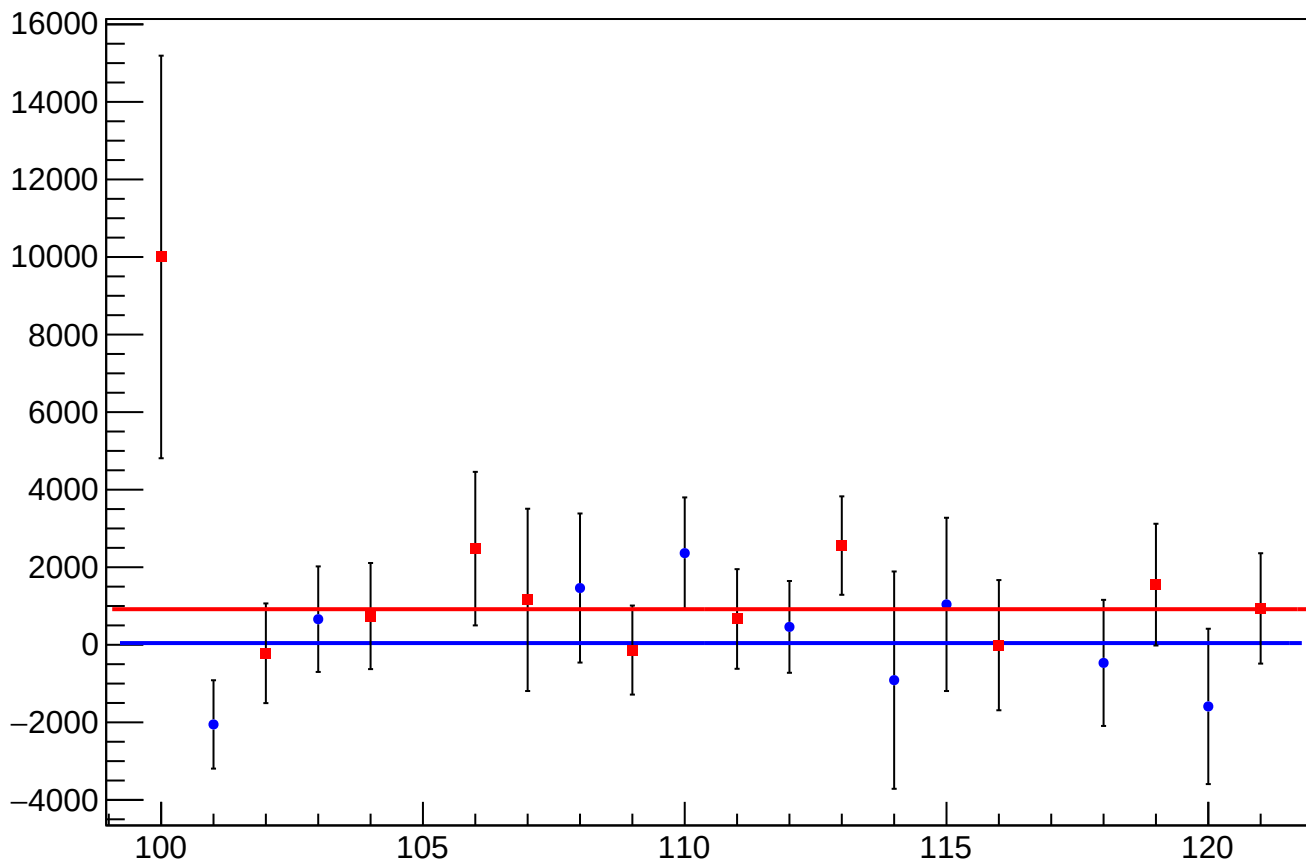
Right: 86.061+/-0.022 χ^2/NDF : 603453.8/19

In: 87.442+/-0.033 χ^2/NDF : 263598.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.061+/-0.022 χ^2/NDF : 603453.8/19

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.385+/-517.462 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.149+/-453.967 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

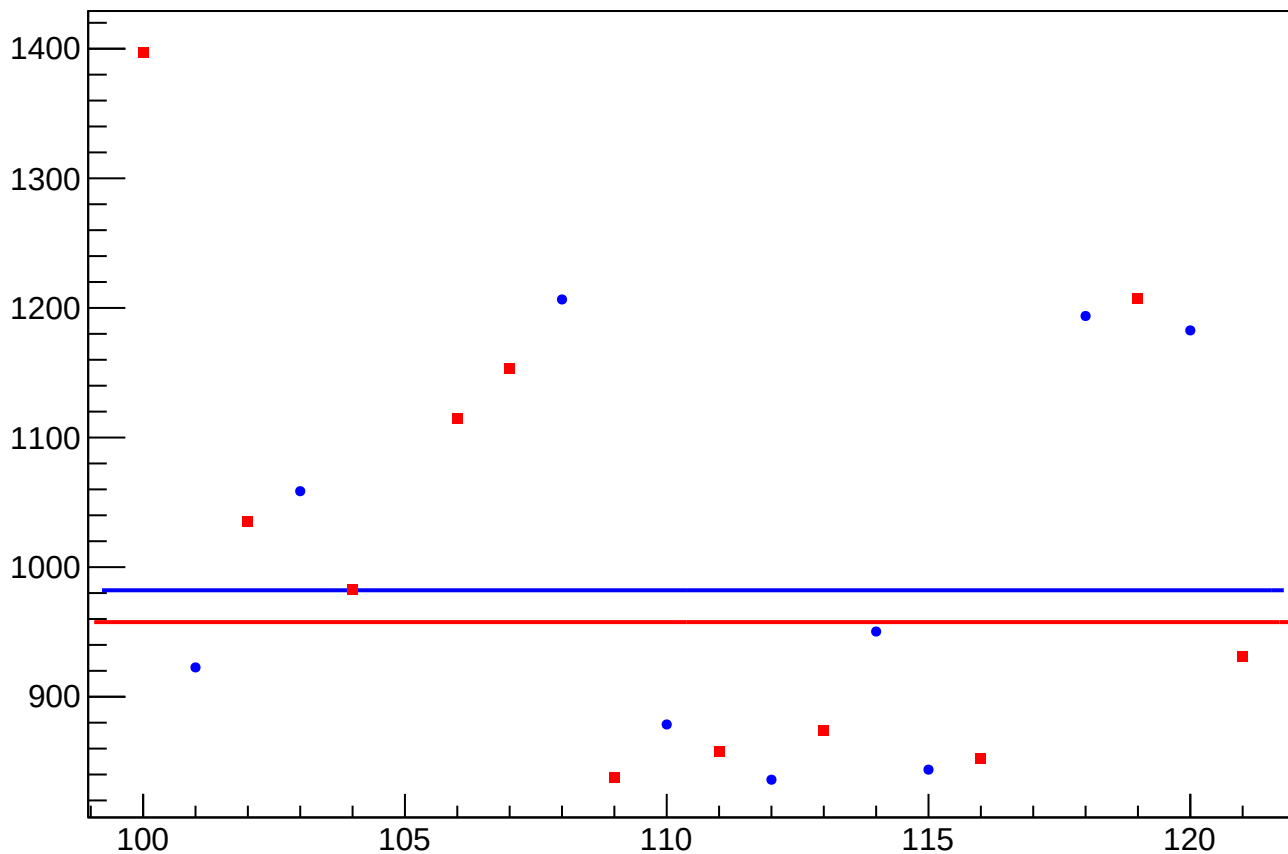
Right: 538.135+/-341.257 χ^2/NDF : 17.1/19

In: 44.385+/-517.462 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.135+/-341.257 χ^2/NDF : 17.1/19

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 982.140+/-0.366 χ^2/NDF : 141777.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.586+/-0.321 χ^2/NDF : 150423.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

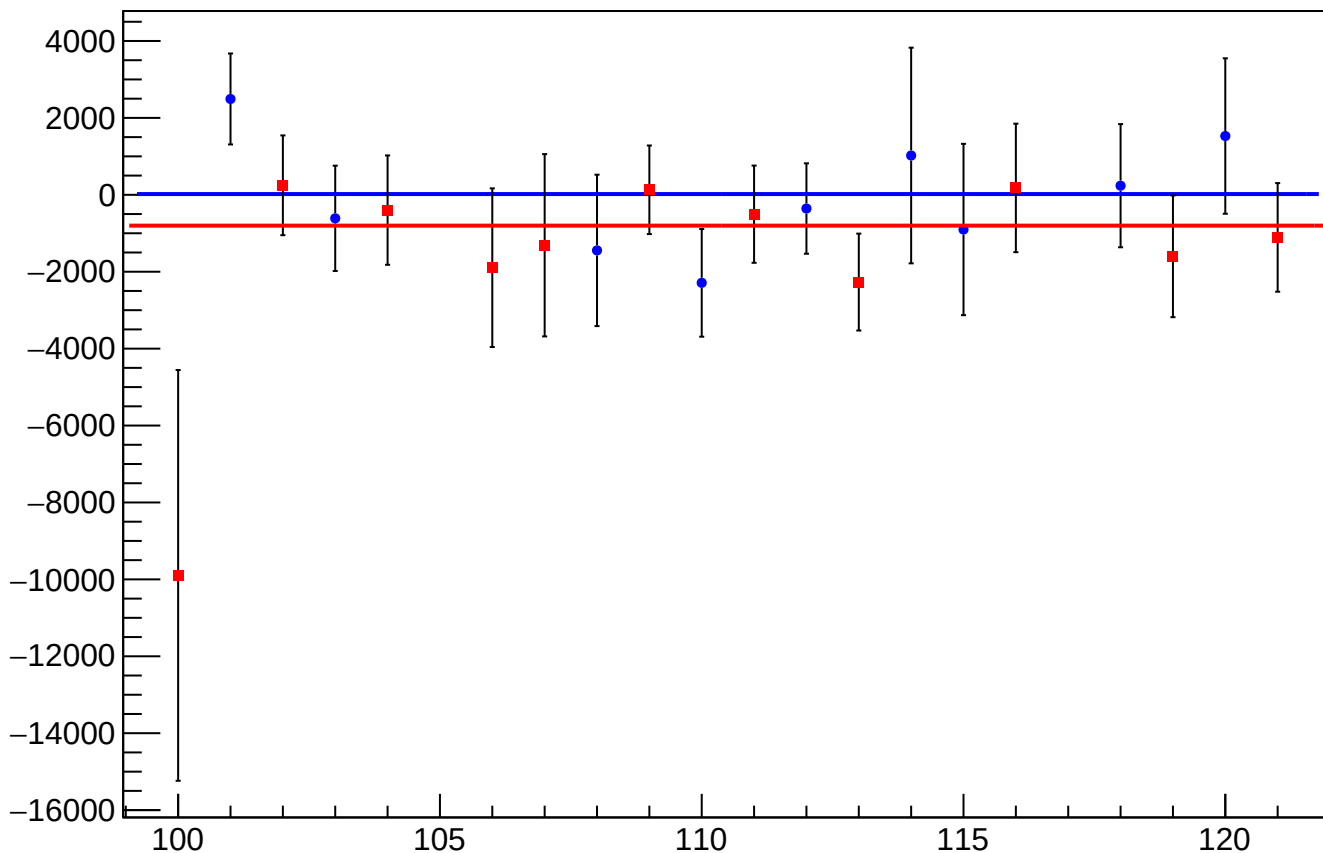
Right: 968.265+/-0.241 χ^2/NDF : 294746.0/19

In: 982.140+/-0.366 χ^2/NDF : 141777.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.265+/-0.241 χ^2/NDF : 294746.0/19

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 19.539+/-519.660 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -801.285+/-456.164 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

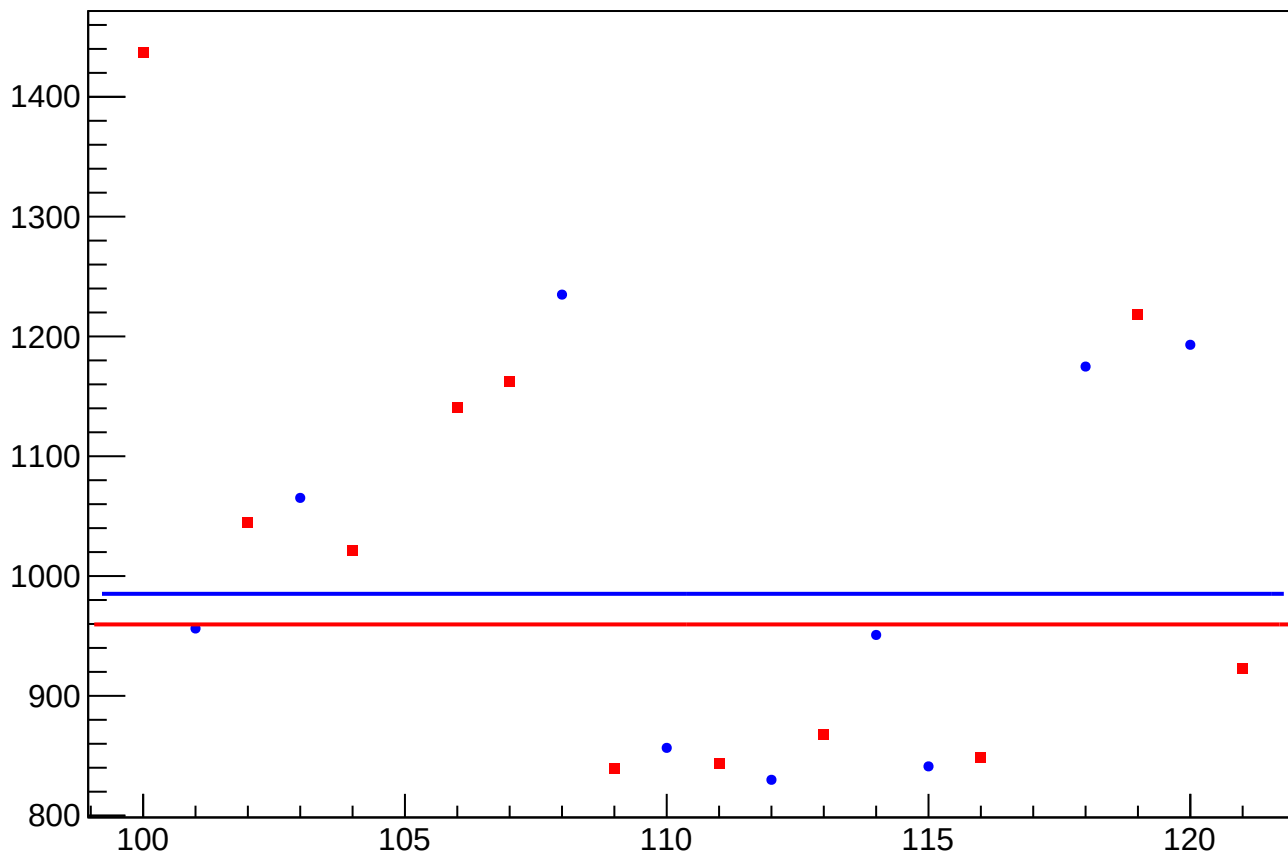
Right: -444.059+/-342.820 χ^2/NDF : 16.9/19

In: 19.539+/-519.660 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.059+/-342.820 χ^2/NDF : 16.9/19

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 985.169+/-0.367 χ^2/NDF : 149841.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.621+/-0.323 χ^2/NDF : 171220.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

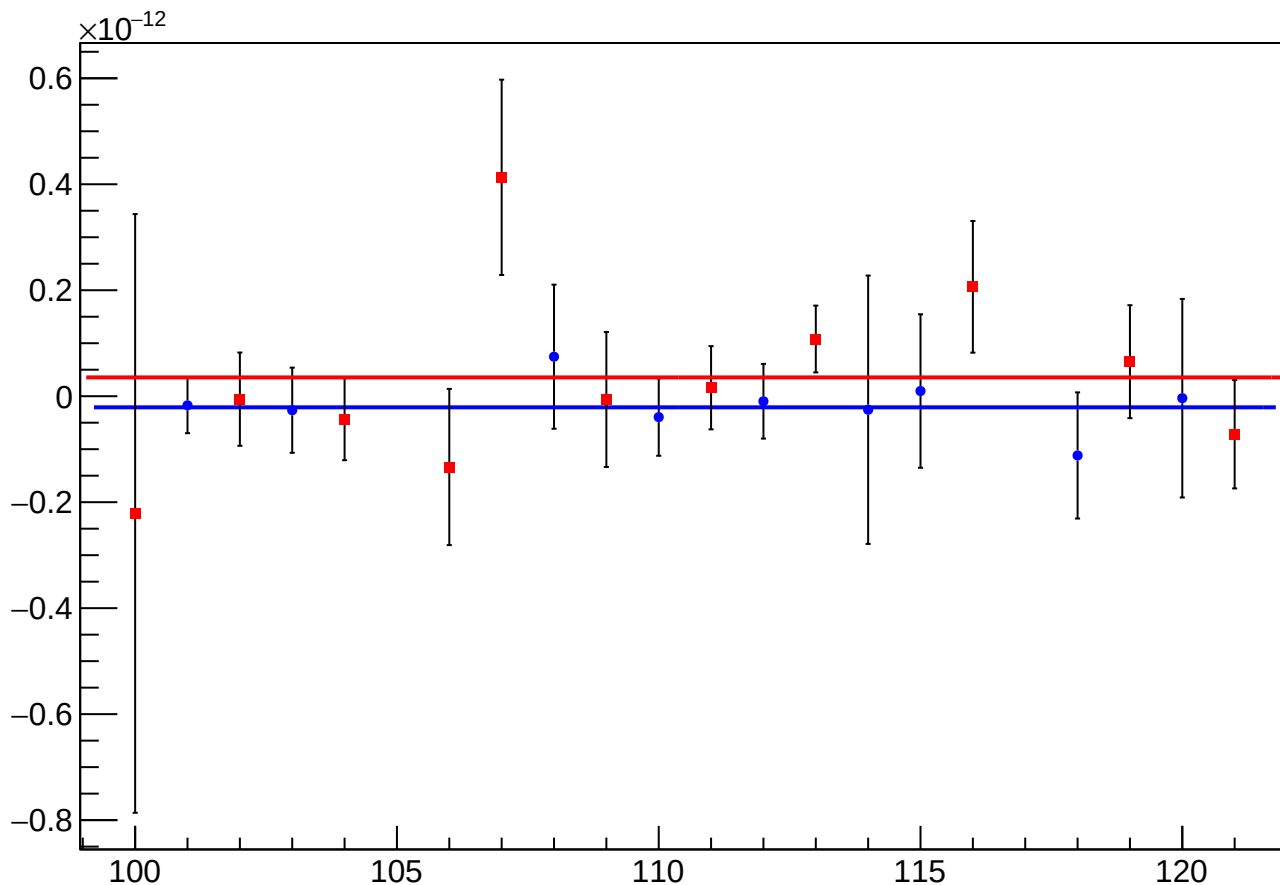
Right: 970.740+/-0.242 χ^2/NDF : 323791.7/19

In: 985.169+/-0.367 χ^2/NDF : 149841.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.740+/-0.242 χ^2/NDF : 323791.7/19

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

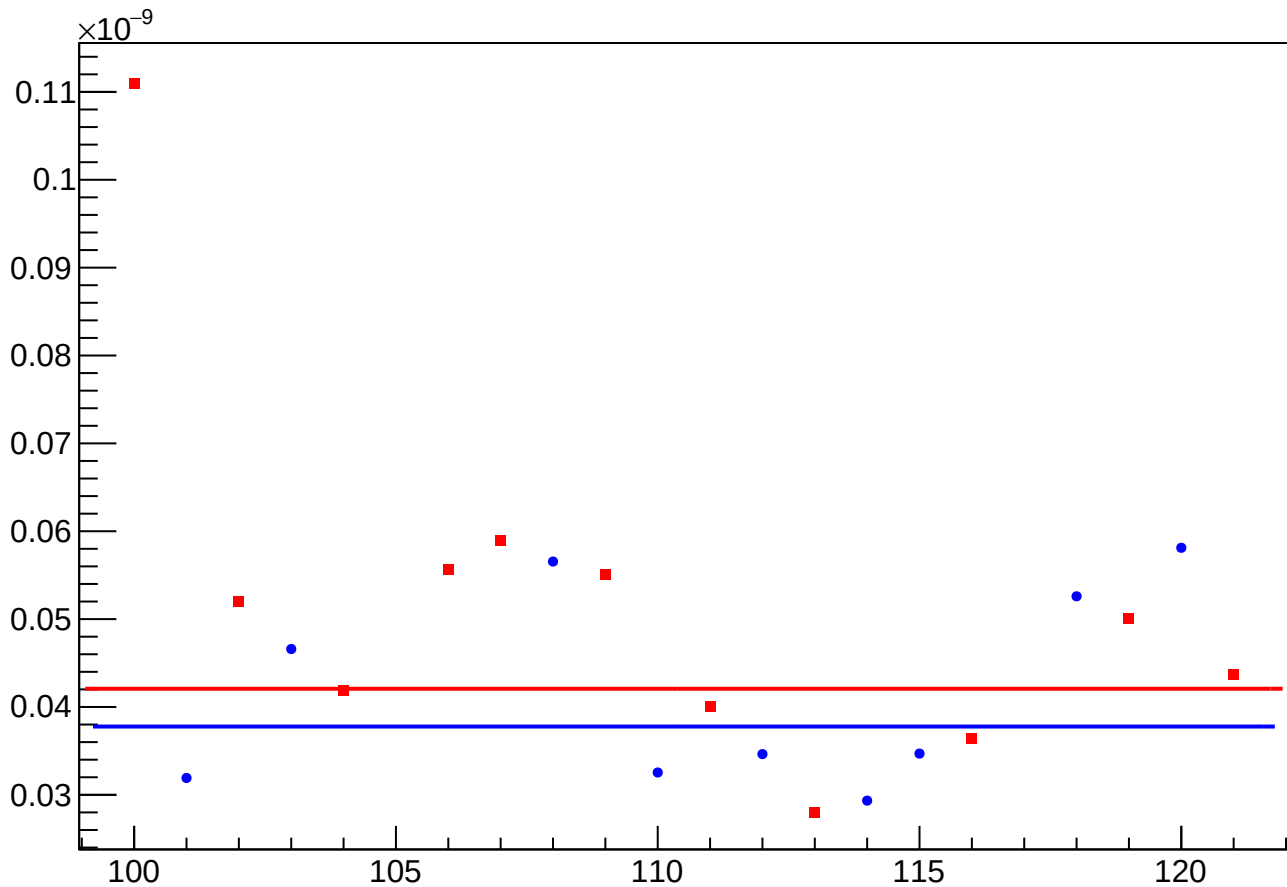
Right: 0.000+/-0.000 χ^2/NDF : 14.5/19

In: -0.000+/-0.000 χ^2/NDF : 1.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/19

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 158983.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226545.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

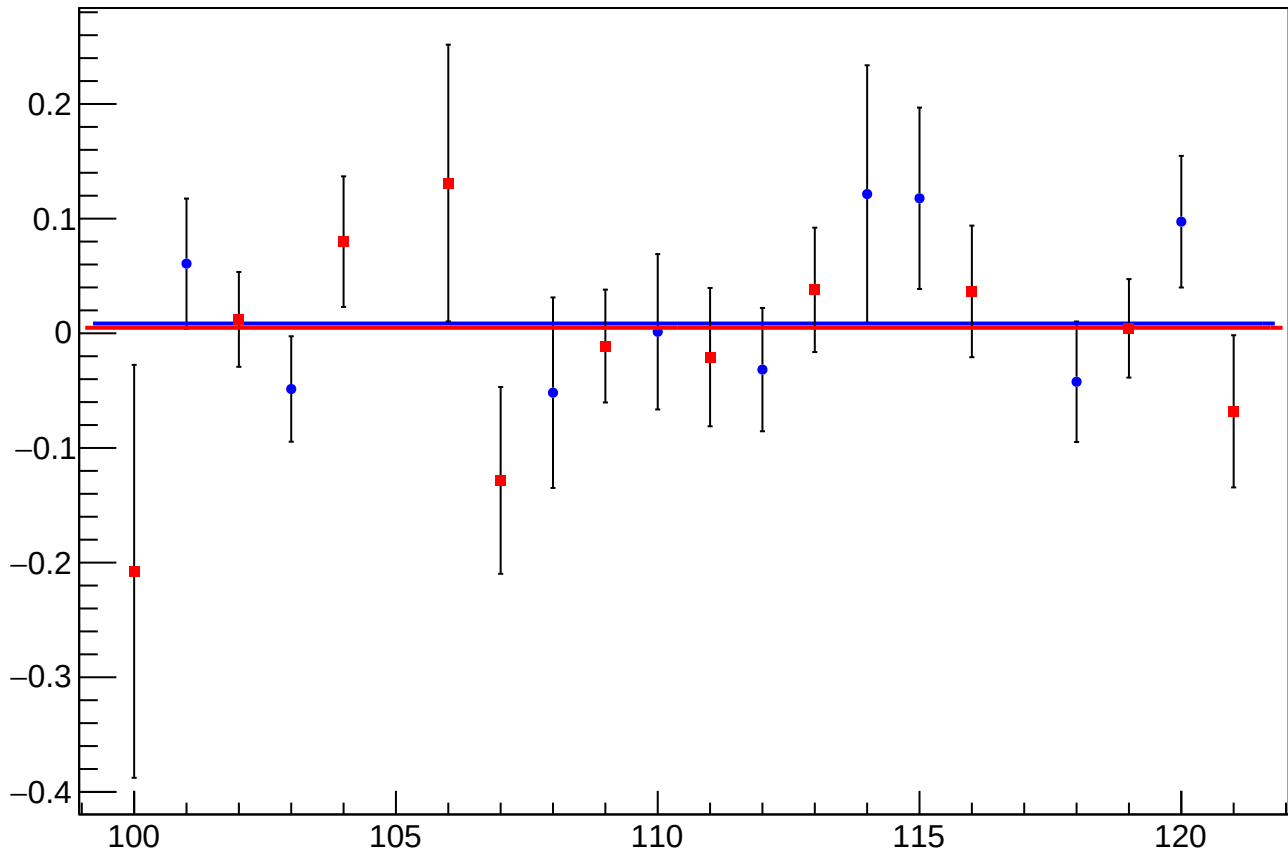
Right: 0.000+/-0.000 χ^2/NDF : 406073.7/19

In: 0.000+/-0.000 χ^2/NDF : 158983.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 406073.7/19

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

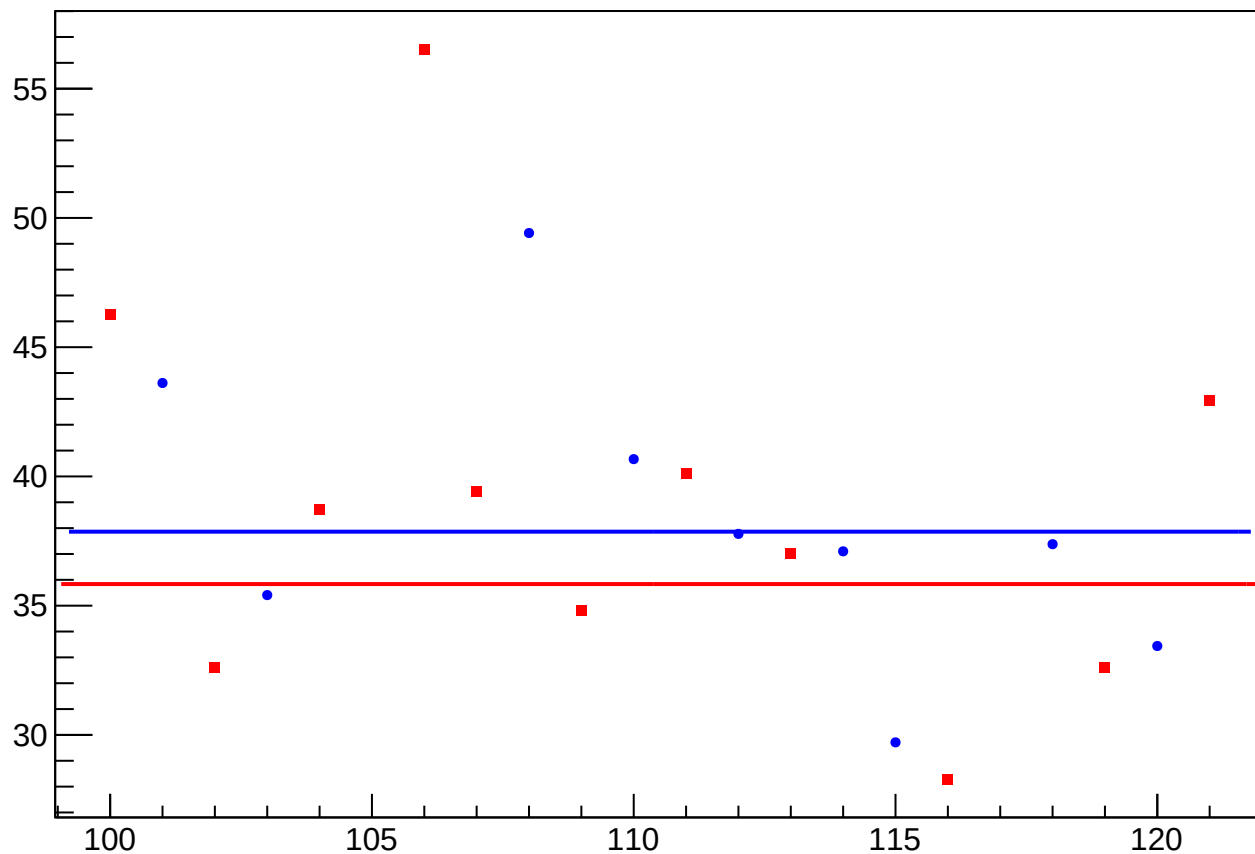
Right: 0.006+/-0.013 χ^2/NDF : 18.9/19

In: 0.009+/-0.020 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 18.9/19

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.863+/-0.014 χ^2/NDF : 101737.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.836+/-0.012 χ^2/NDF : 167473.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

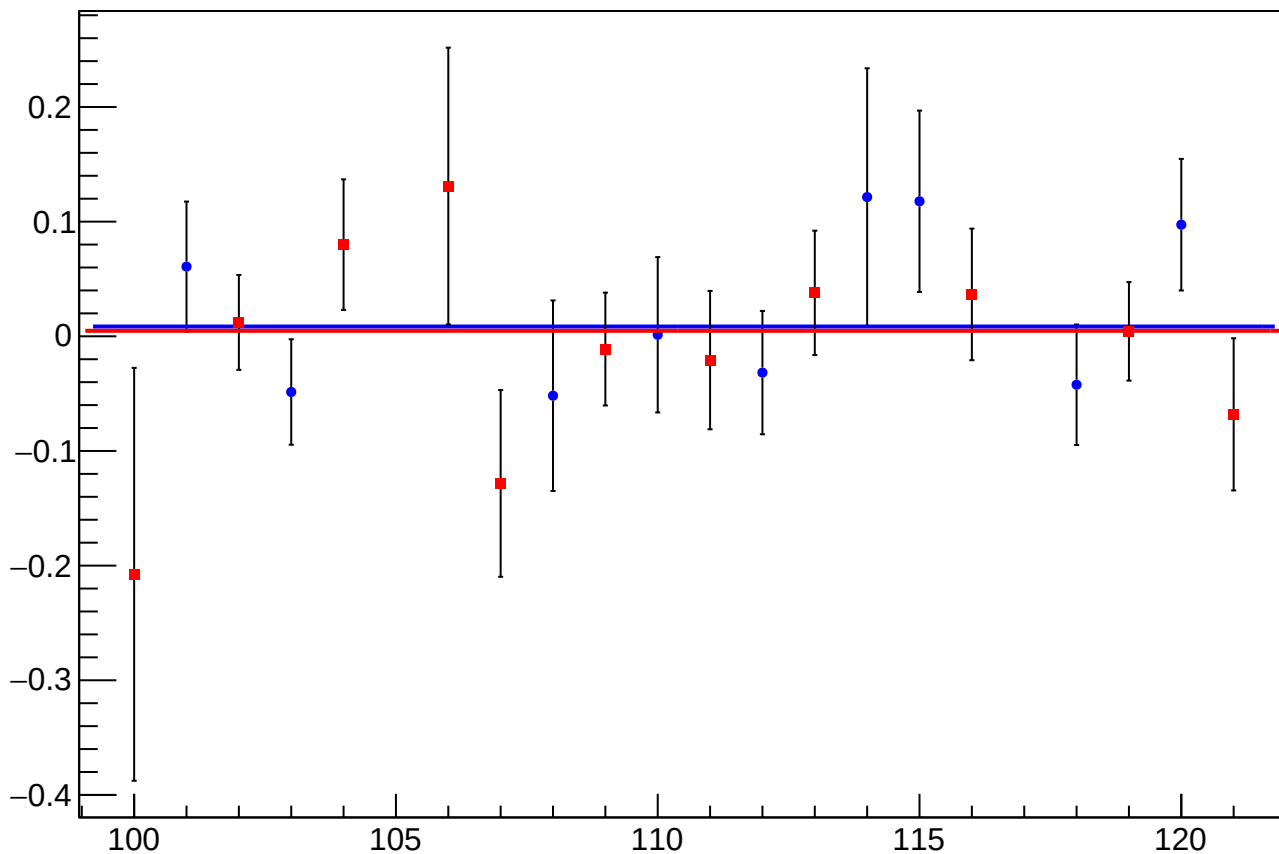
Right: 36.697+/-0.009 χ^2/NDF : 280536.3/19

In: 37.863+/-0.014 χ^2/NDF :101737.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.697+/-0.009 χ^2/NDF : 280536.3/19

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

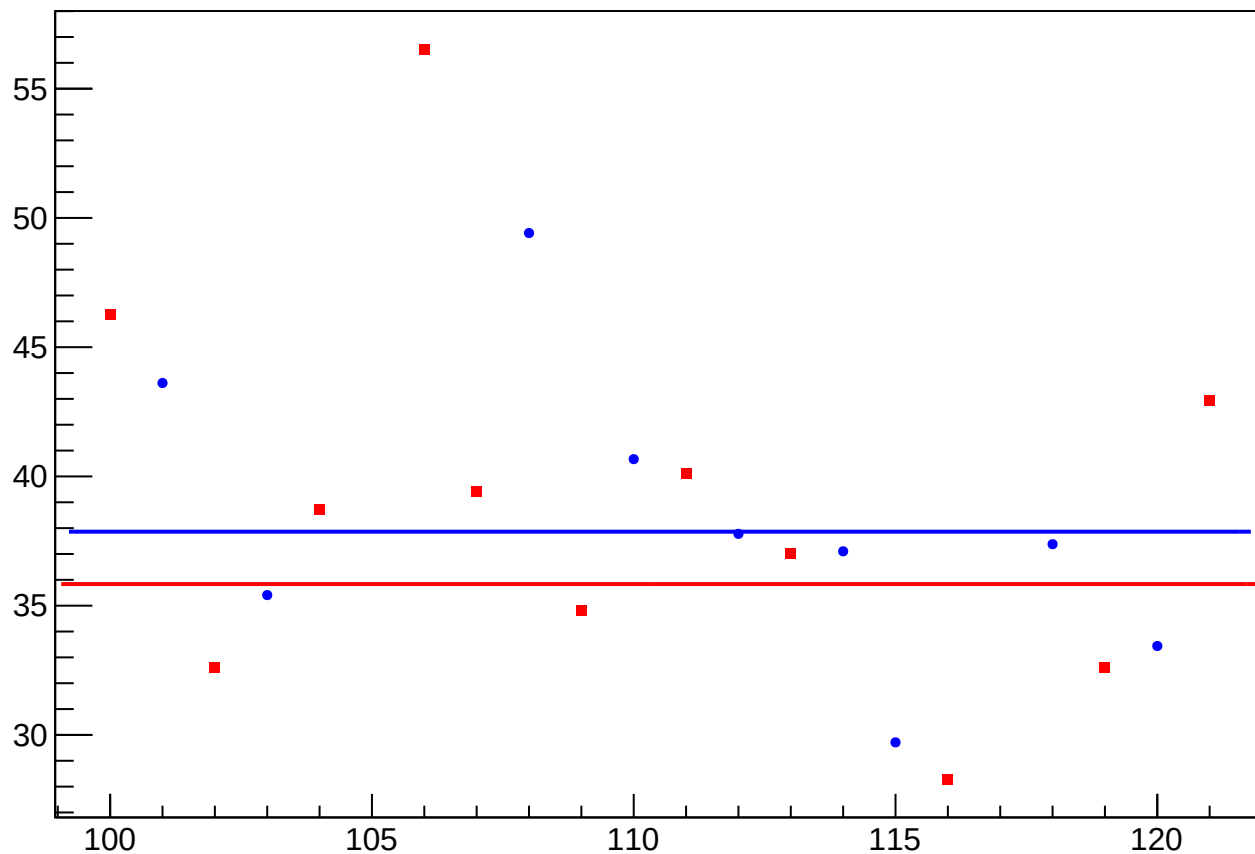
Right: 0.006+/-0.013 χ^2/NDF : 18.9/19

In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.013 χ^2/NDF : 18.9/19

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.863+/-0.014 χ^2/NDF : 101737.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.836+/-0.012 χ^2/NDF : 167473.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

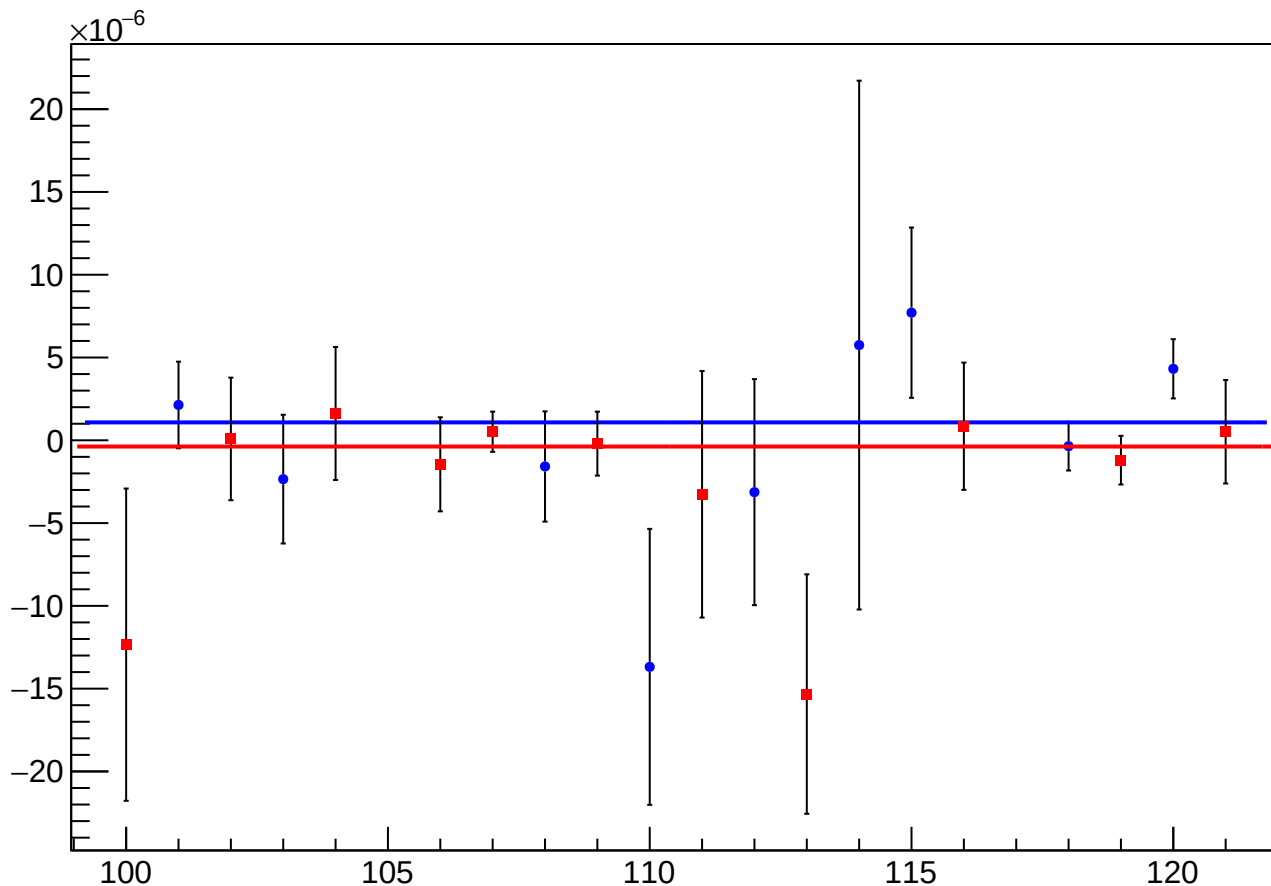
Right: 36.697+/-0.009 χ^2/NDF : 280536.3/19

In: 37.863+/-0.014 χ^2/NDF :101737.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.697+/-0.009 χ^2/NDF : 280536.3/19

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

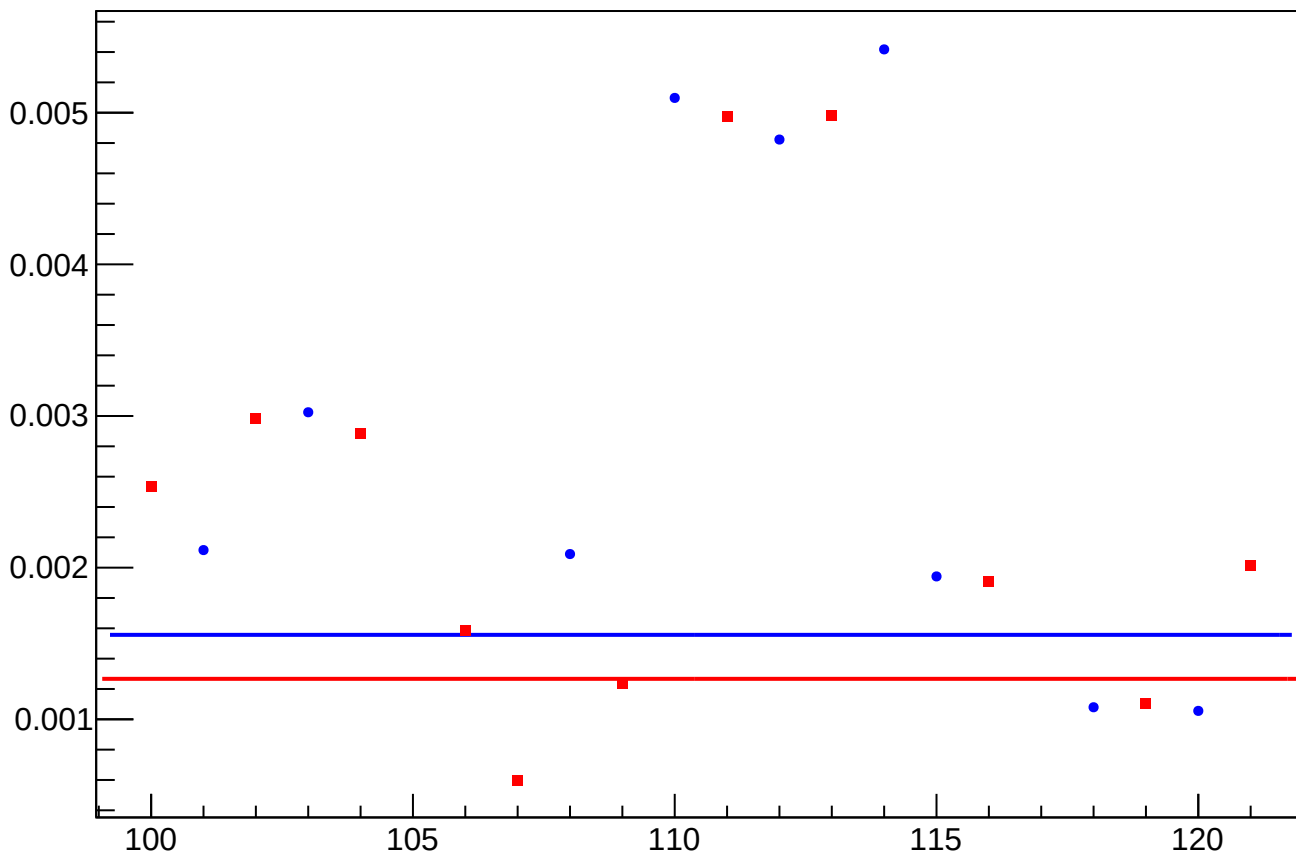
Right: 0.000+/-0.000 χ^2/NDF : 20.1/19

In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/19

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1742530.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2645393.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

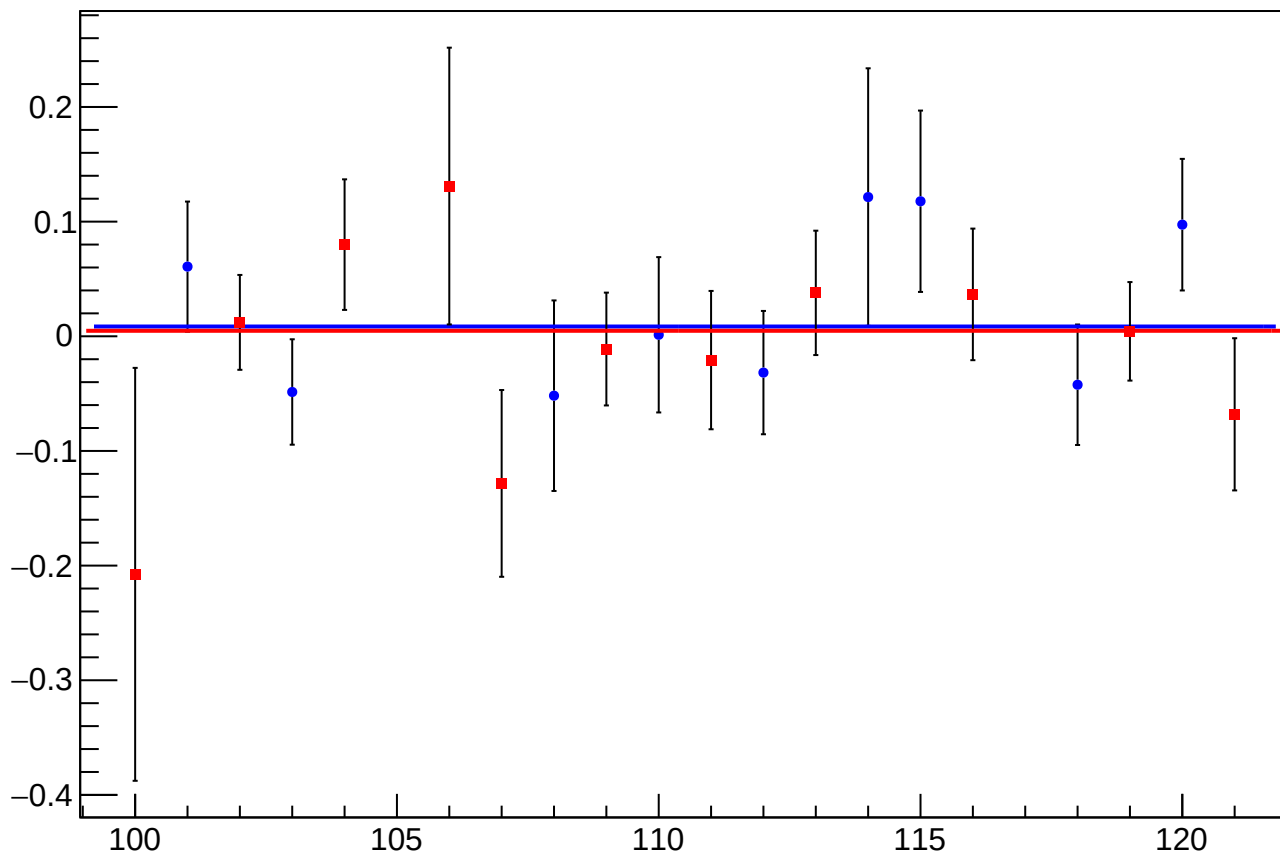
Right: 0.001+/-0.000 χ^2/NDF : 4508471.2/19

In: 0.002+/-0.000 χ^2/NDF :1742530.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4508471.2/19

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

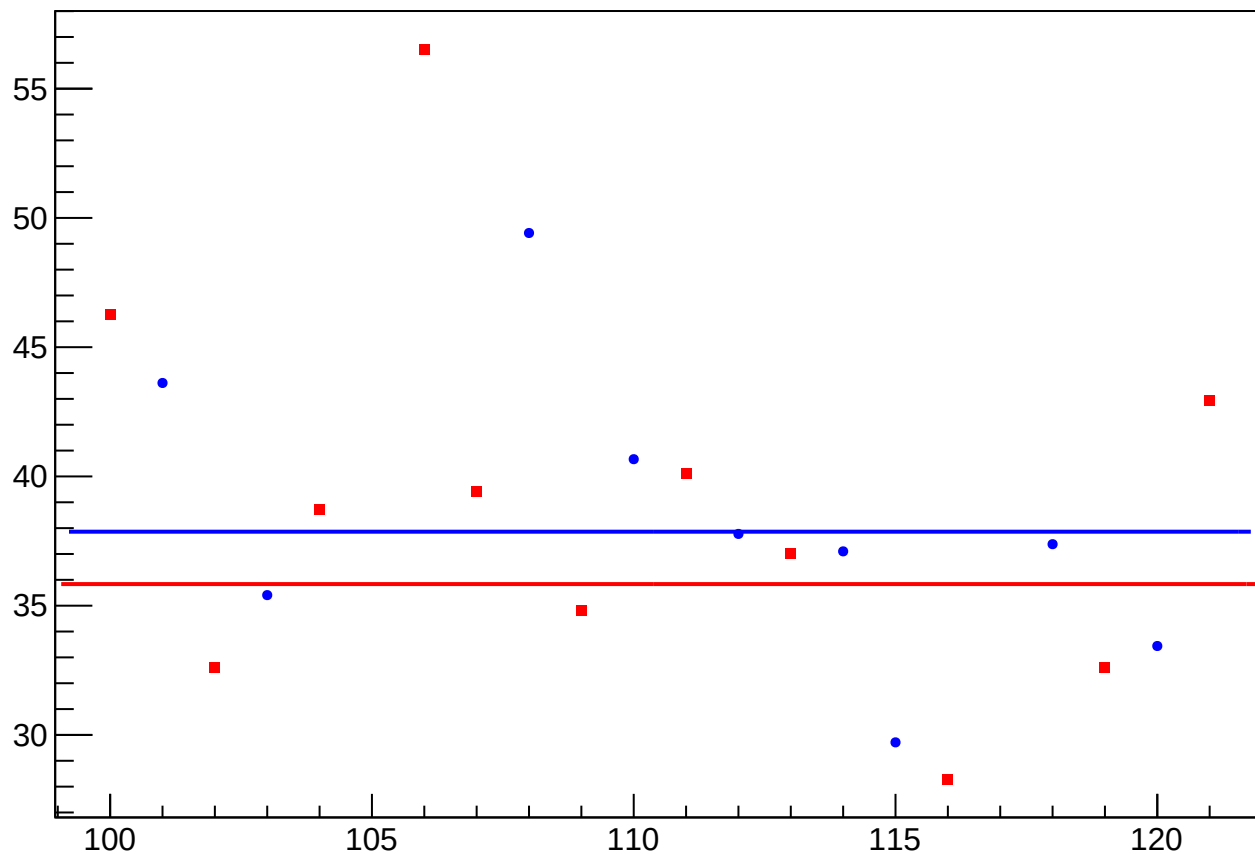
Right: 0.006+/-0.013 χ^2/NDF : 18.9/19

In: 0.009+/-0.020 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 18.9/19

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.862 $\pm$ 0.014 χ^2 /NDF: 101742.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.836 $\pm$ 0.012 χ^2 /NDF: 167464.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

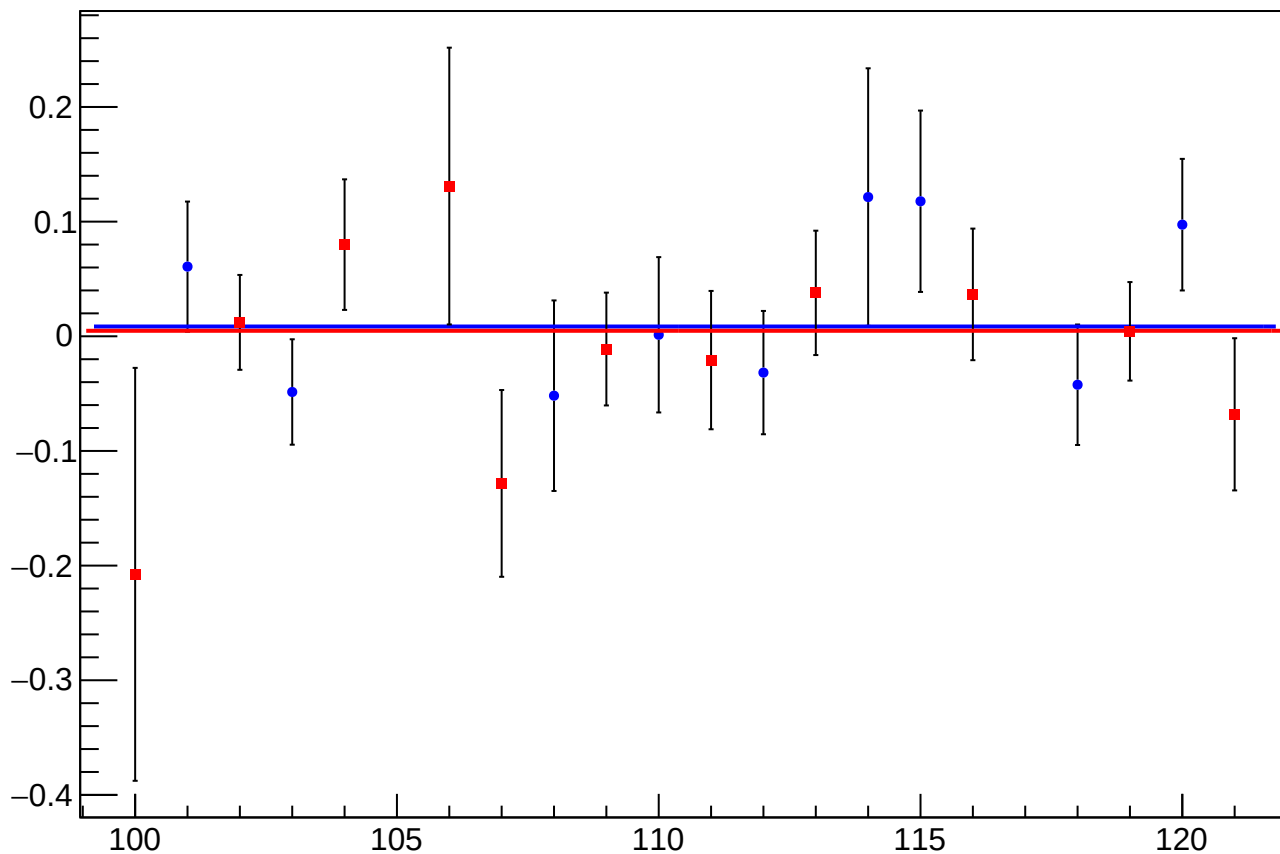
Right: 36.697 $\pm$ 0.009 χ^2 /NDF: 280531.7/19

In: 37.862 $\pm$ 0.014 χ^2 /NDF:101742.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.697 $\pm$ 0.009 χ^2 /NDF: 280531.7/19

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

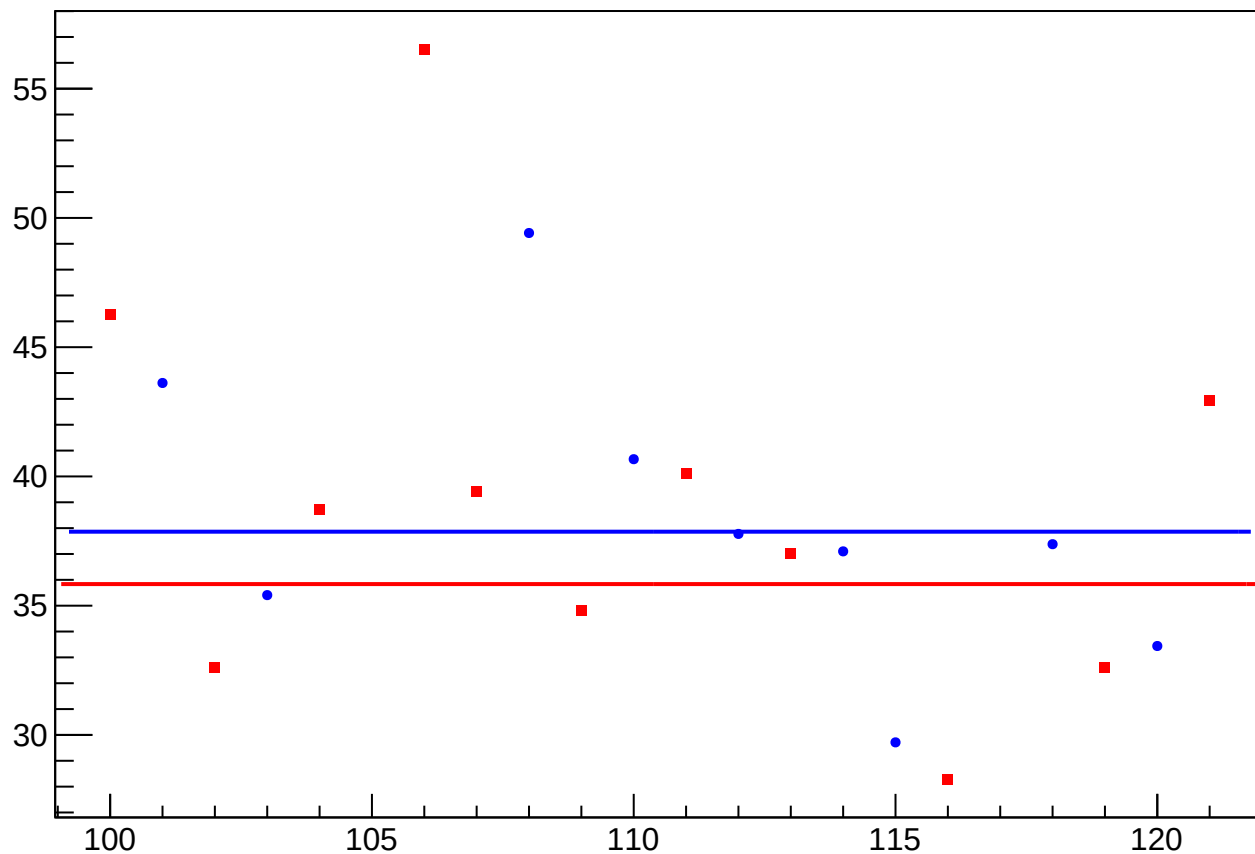
Right: 0.006+/-0.013 χ^2/NDF : 18.9/19

In: 0.009+/-0.020 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 18.9/19

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.862 $\pm$ 0.014 χ^2 /NDF: 101742.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.836 $\pm$ 0.012 χ^2 /NDF: 167464.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

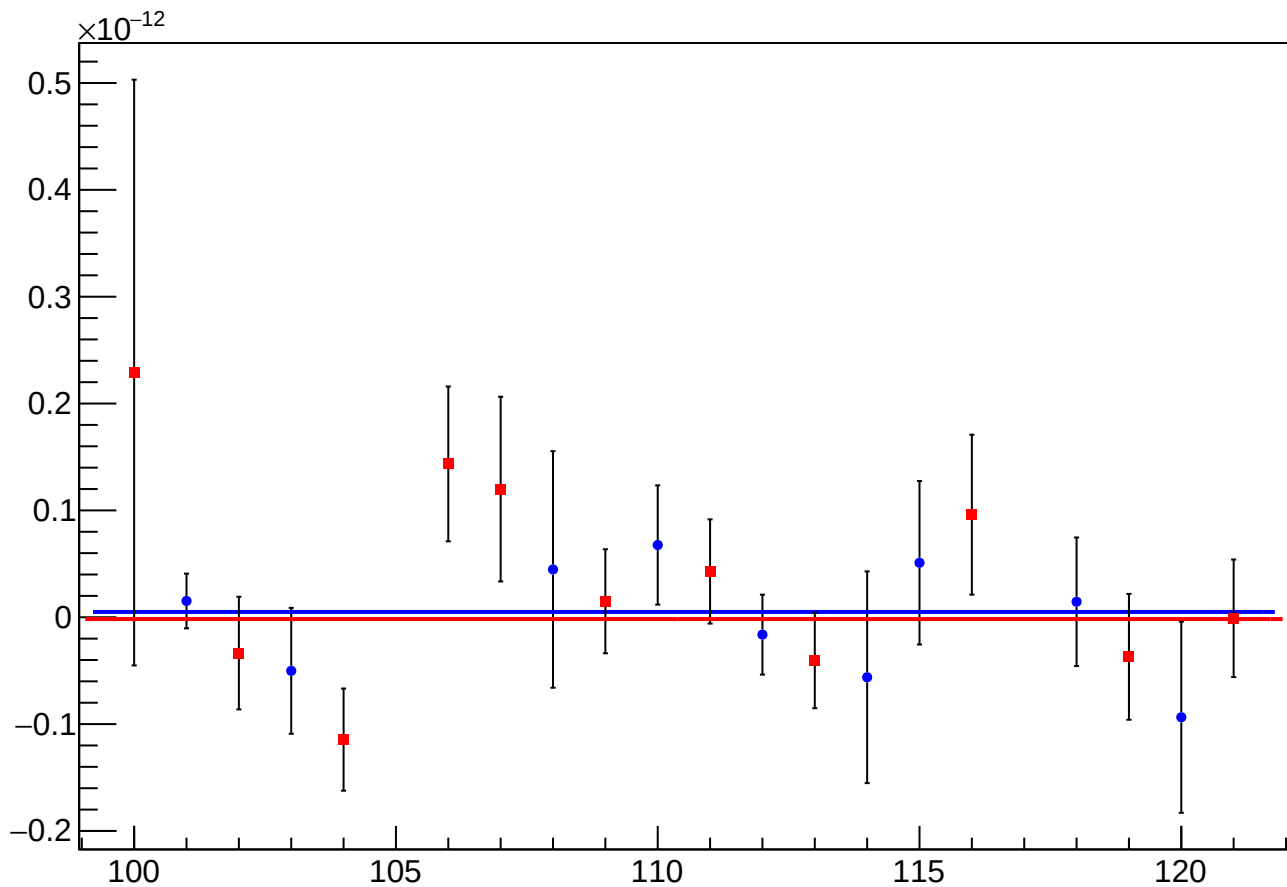
Right: 36.697 $\pm$ 0.009 χ^2 /NDF: 280531.7/19

In: 37.862 $\pm$ 0.014 χ^2 /NDF:101742.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.697 $\pm$ 0.009 χ^2 /NDF: 280531.7/19

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

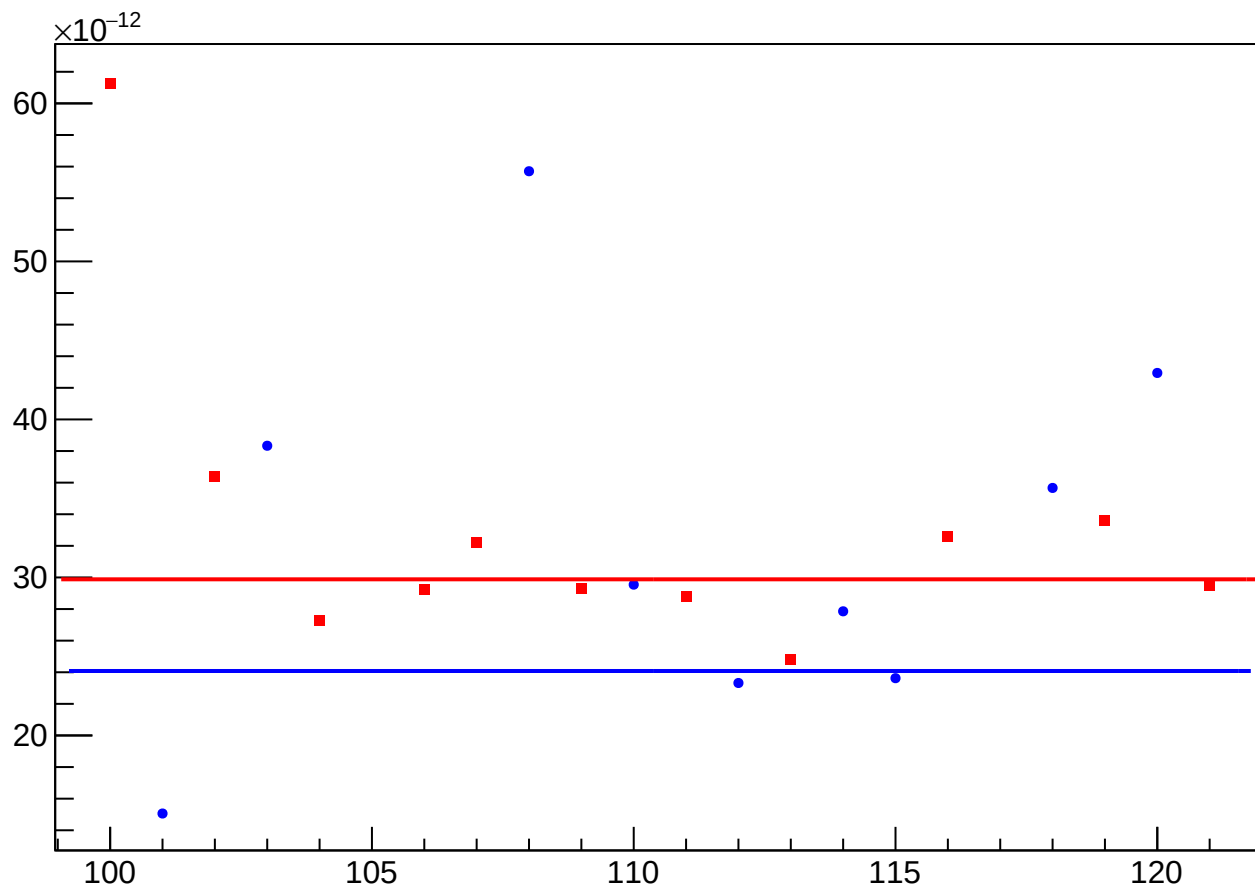
Right: 0.000+/-0.000 χ^2/NDF : 21.2/19

In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/19

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 715012.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 101525.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

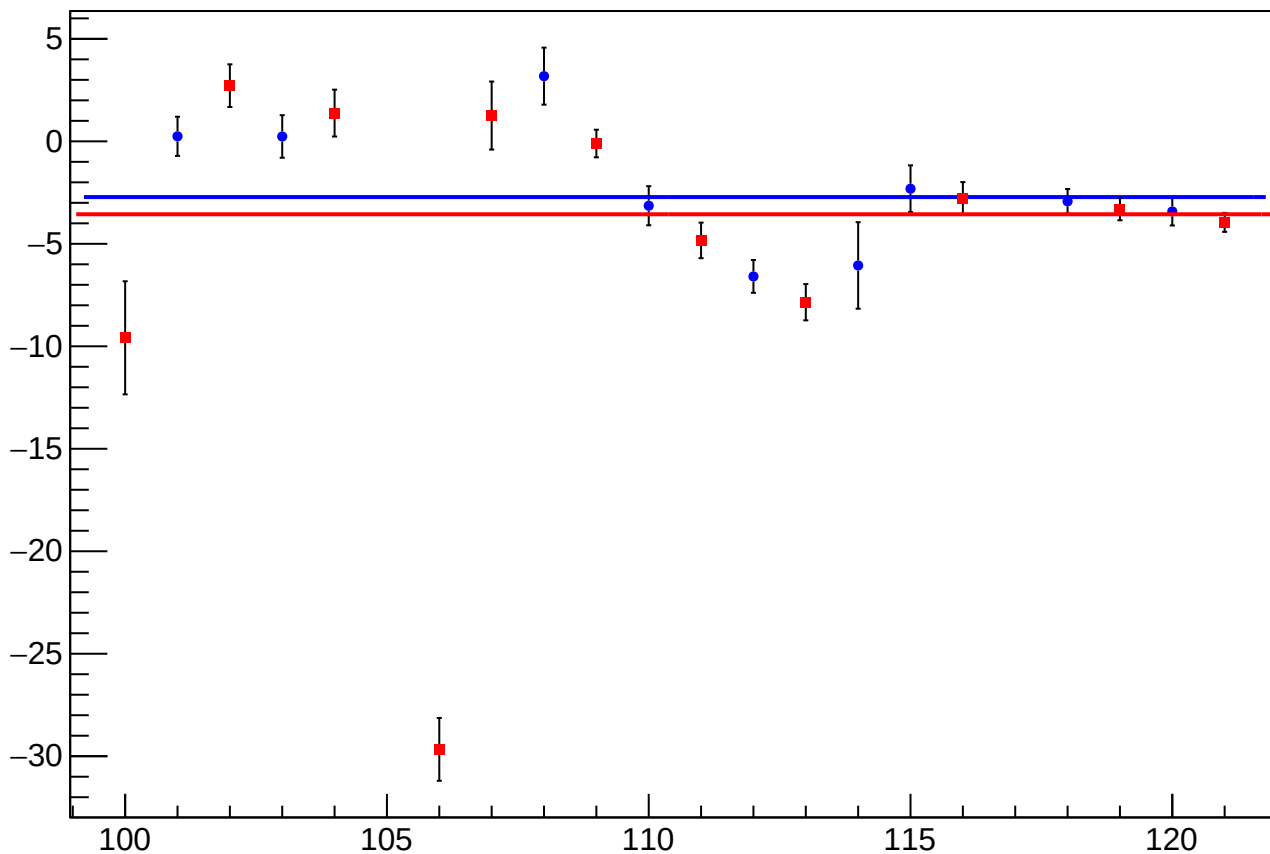
Right: 0.000+/-0.000 χ^2/NDF : 932089.1/19

In: 0.000+/-0.000 χ^2/NDF : 715012.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 932089.1/19

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.719 $\pm$ 0.300 χ^2 /NDF: 63.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.558 $\pm$ 0.243 χ^2 /NDF: 412.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

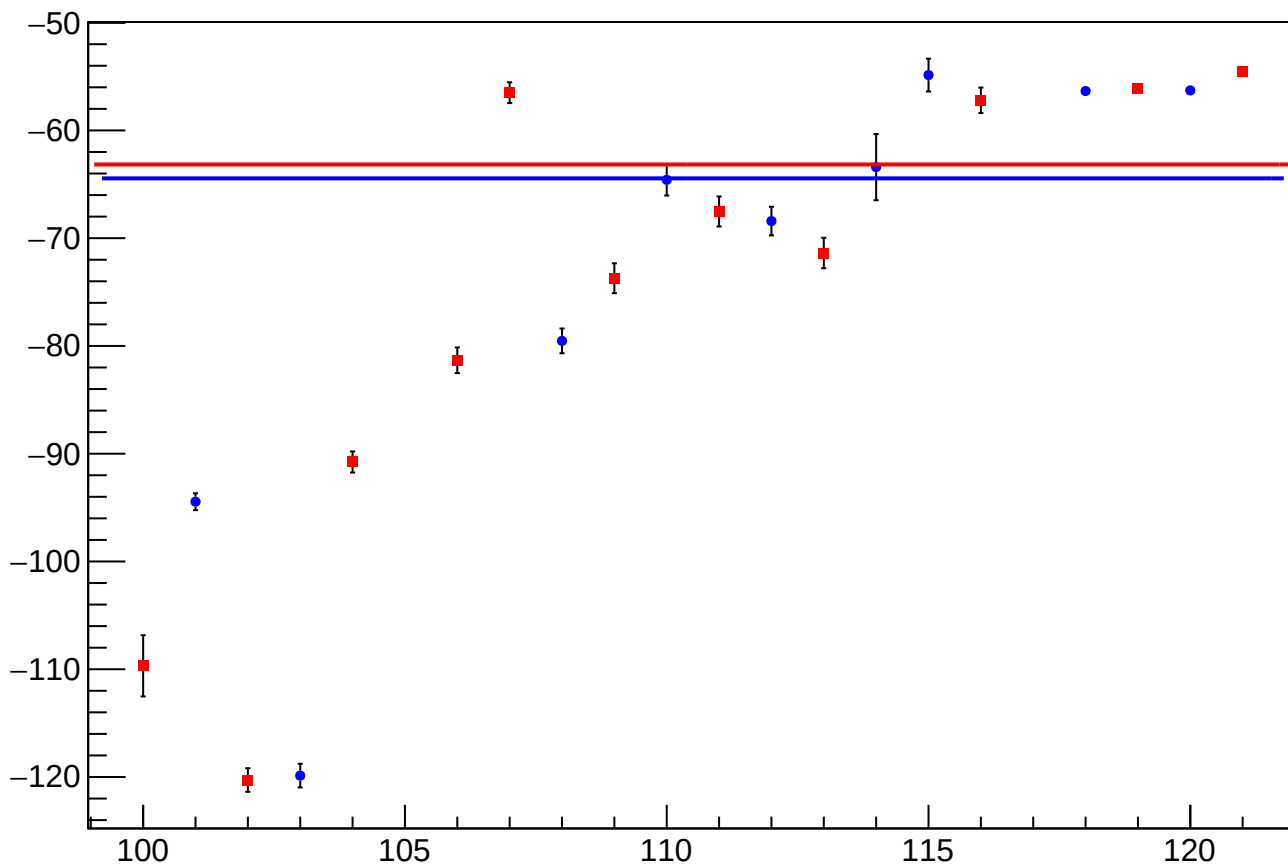
Right: -3.226 $\pm$ 0.189 χ^2 /NDF: 480.1/19

In: -2.719 $\pm$ 0.300 χ^2 /NDF:63.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.226 $\pm$ 0.189 χ^2 /NDF: 480.1/19

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.449 ± 0.238 χ^2/NDF : 5076.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.161 ± 0.232 χ^2/NDF : 4933.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

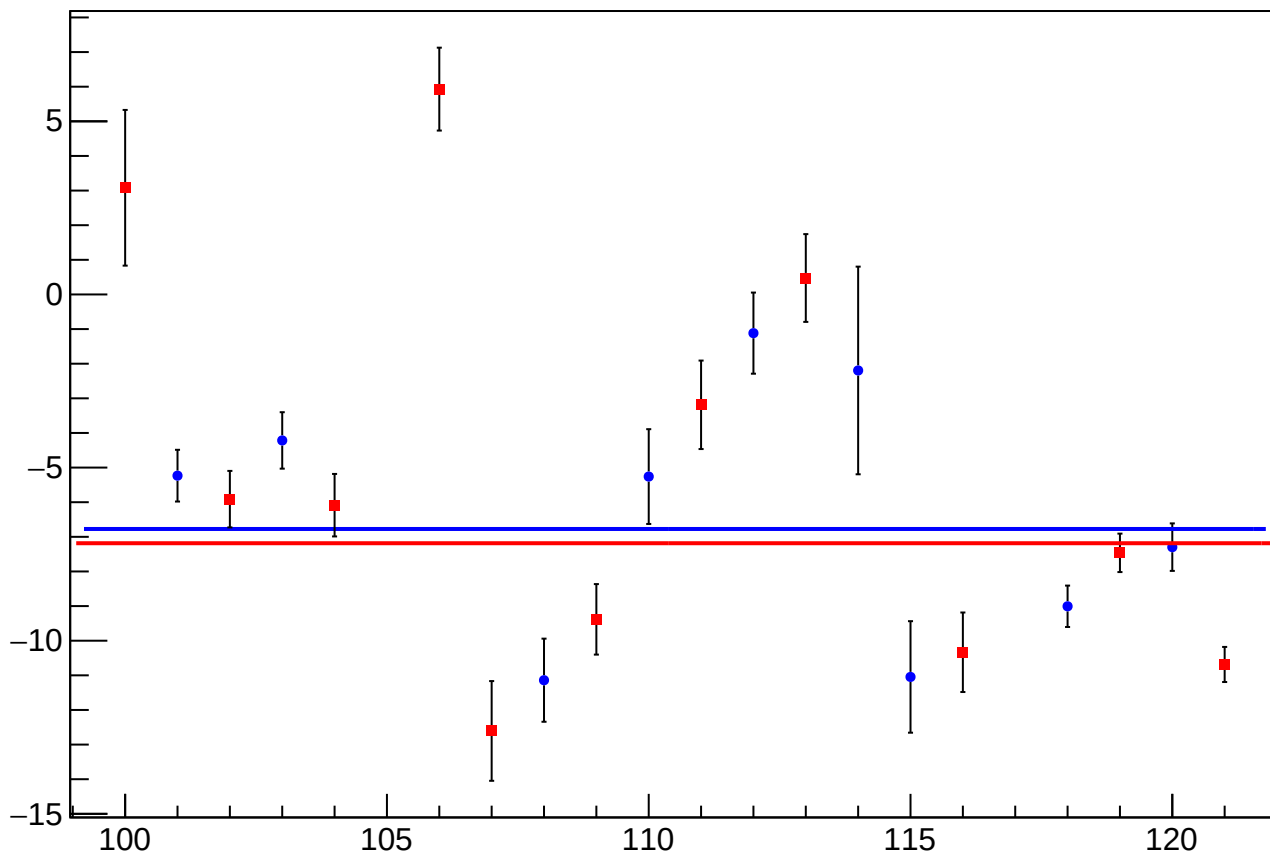
Right: -63.787 ± 0.166 χ^2/NDF : 10024.8/19

In: -64.449 ± 0.238 χ^2/NDF : 5076.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.787 ± 0.166 χ^2/NDF : 10024.8/19

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.773+/-0.306 χ^2/NDF : 75.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.185+/-0.265 χ^2/NDF : 265.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

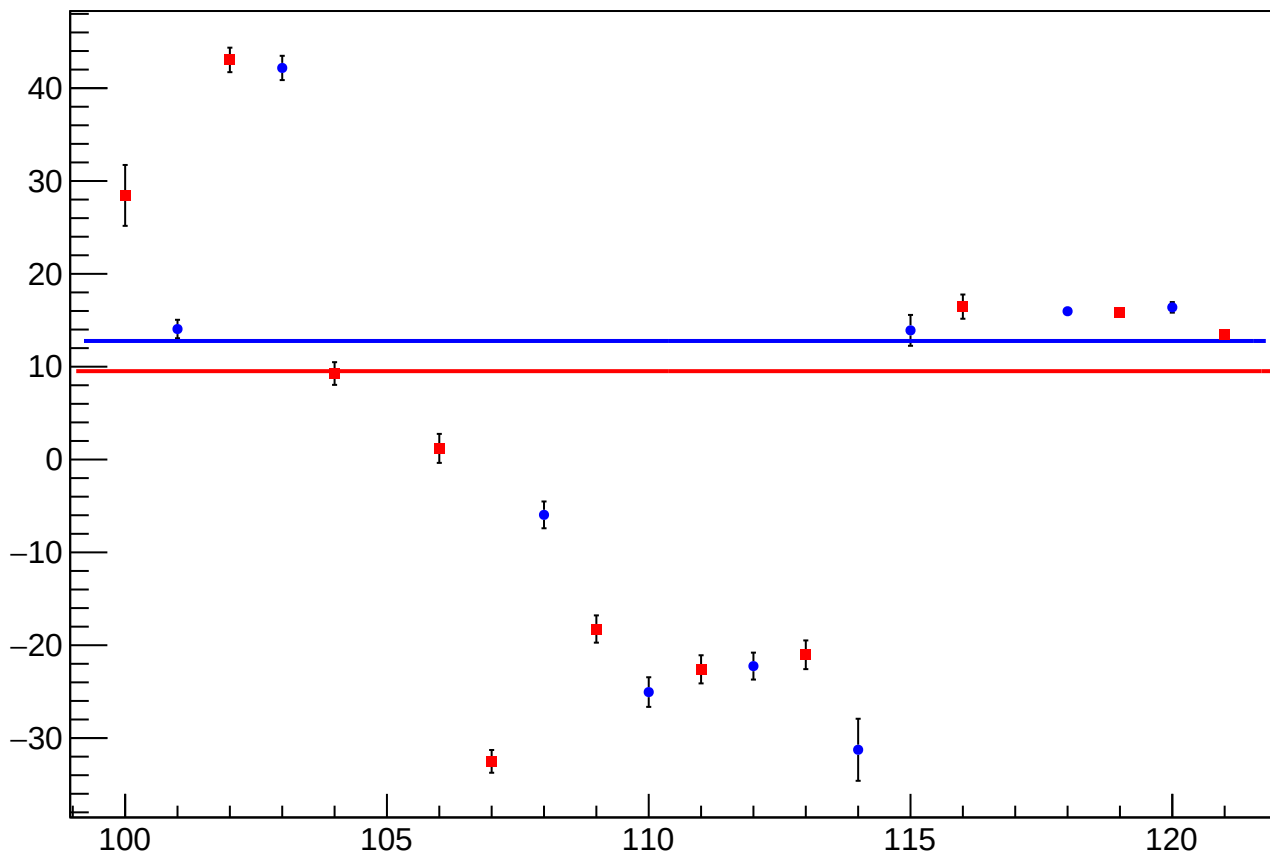
Right: -7.008+/-0.200 χ^2/NDF : 342.3/19

In: -6.773+/-0.306 χ^2/NDF : 75.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.008+/-0.200 χ^2/NDF : 342.3/19

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.770 $\pm$ 0.302 χ^2 /NDF: 2080.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.519 $\pm$ 0.277 χ^2 /NDF: 3363.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

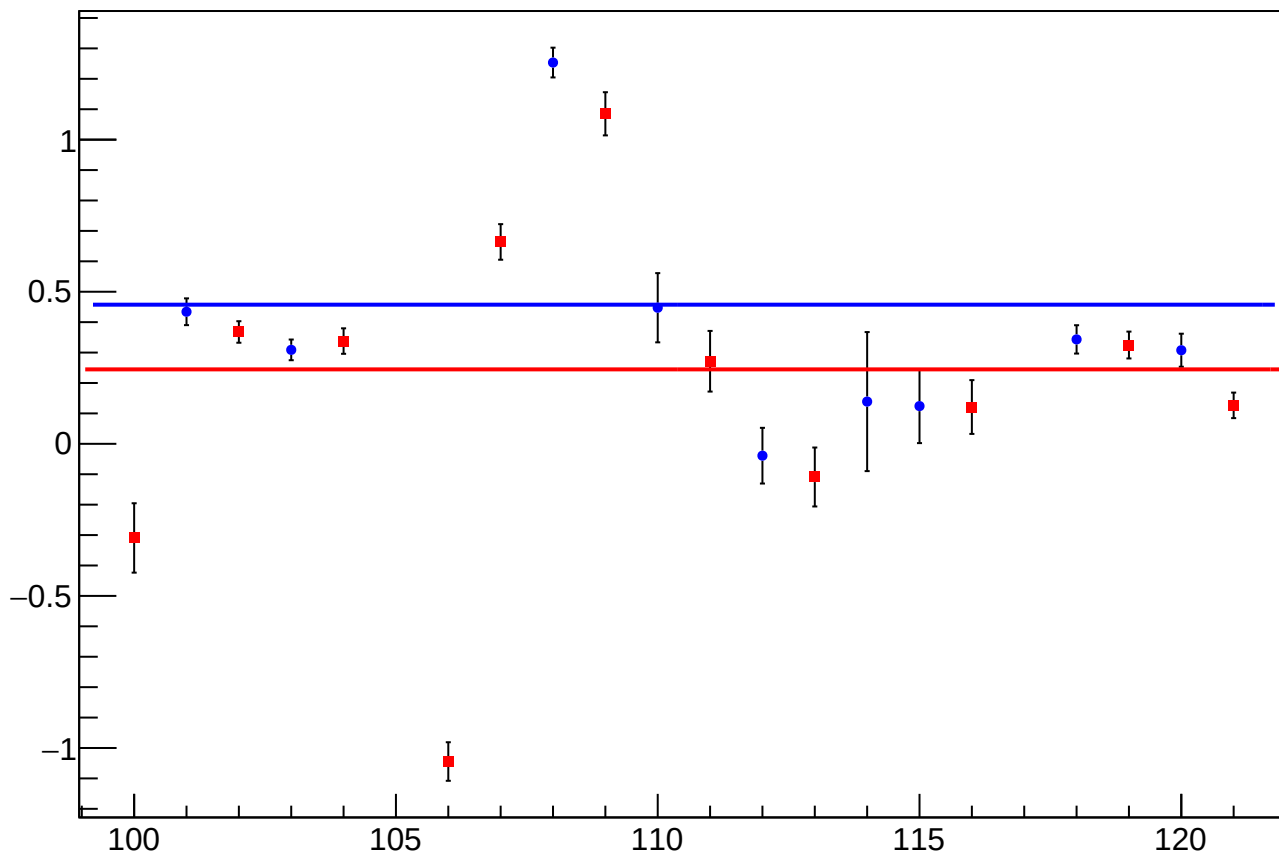
Right: 11.002 $\pm$ 0.204 χ^2 /NDF: 5507.2/19

In: 12.770 $\pm$ 0.302 χ^2 /NDF:2080.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.002 $\pm$ 0.204 χ^2 /NDF: 5507.2/19

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.457+/-0.019 χ^2/NDF : 336.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.245+/-0.017 χ^2/NDF : 672.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

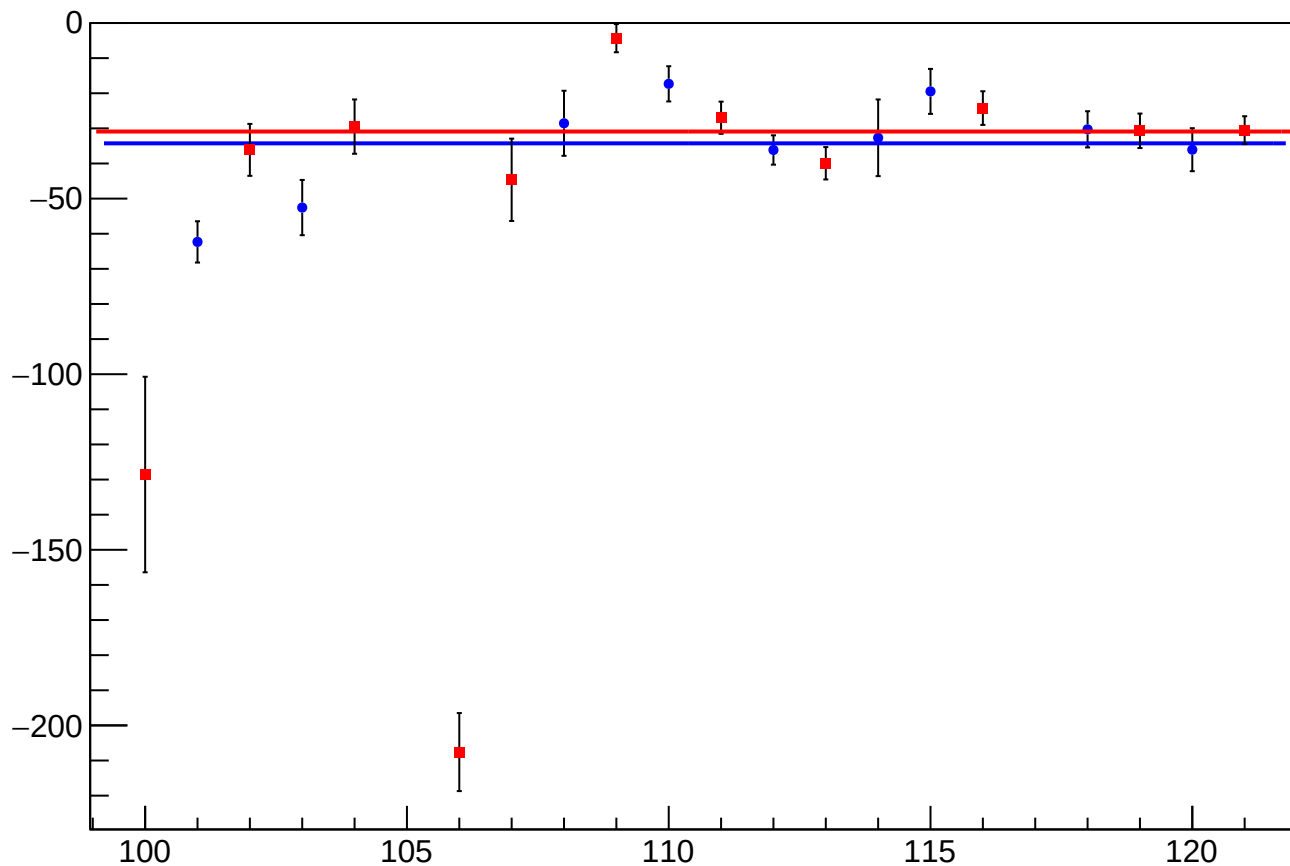
Right: 0.339+/-0.012 χ^2/NDF : 1081.1/19

In: 0.457+/-0.019 χ^2/NDF : 336.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.339+/-0.012 χ^2/NDF : 1081.1/19

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.263 ± 1.997 $\chi^2/\text{NDF}: 46.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.896 ± 1.674 $\chi^2/\text{NDF}: 317.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

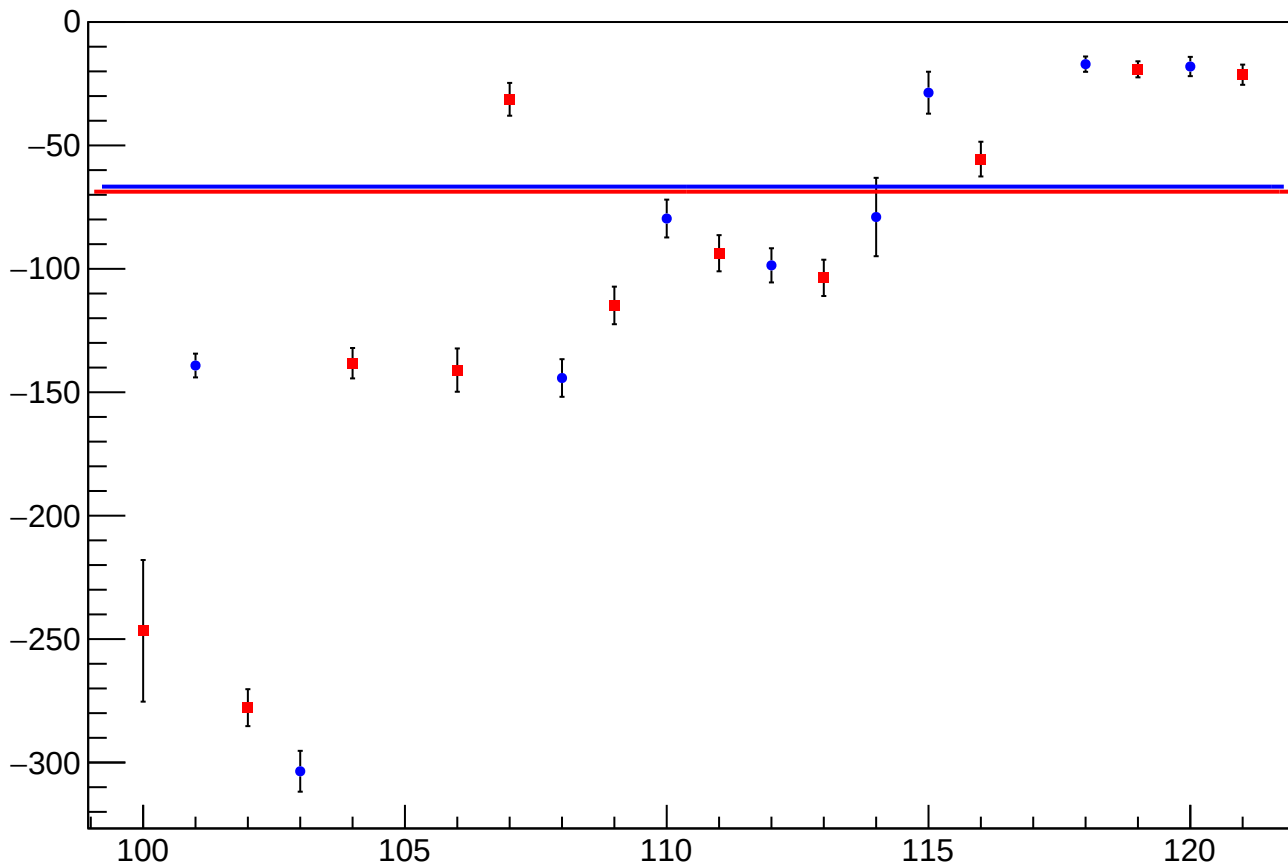
Right: -32.286 ± 1.283 $\chi^2/\text{NDF}: 365.3/19$

In: -34.263 ± 1.997 $\chi^2/\text{NDF}: 46.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -32.286 ± 1.283 $\chi^2/\text{NDF}: 365.3/19$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -66.691+/-1.826 χ^2/NDF : 1604.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -68.735+/-1.797 χ^2/NDF : 1485.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

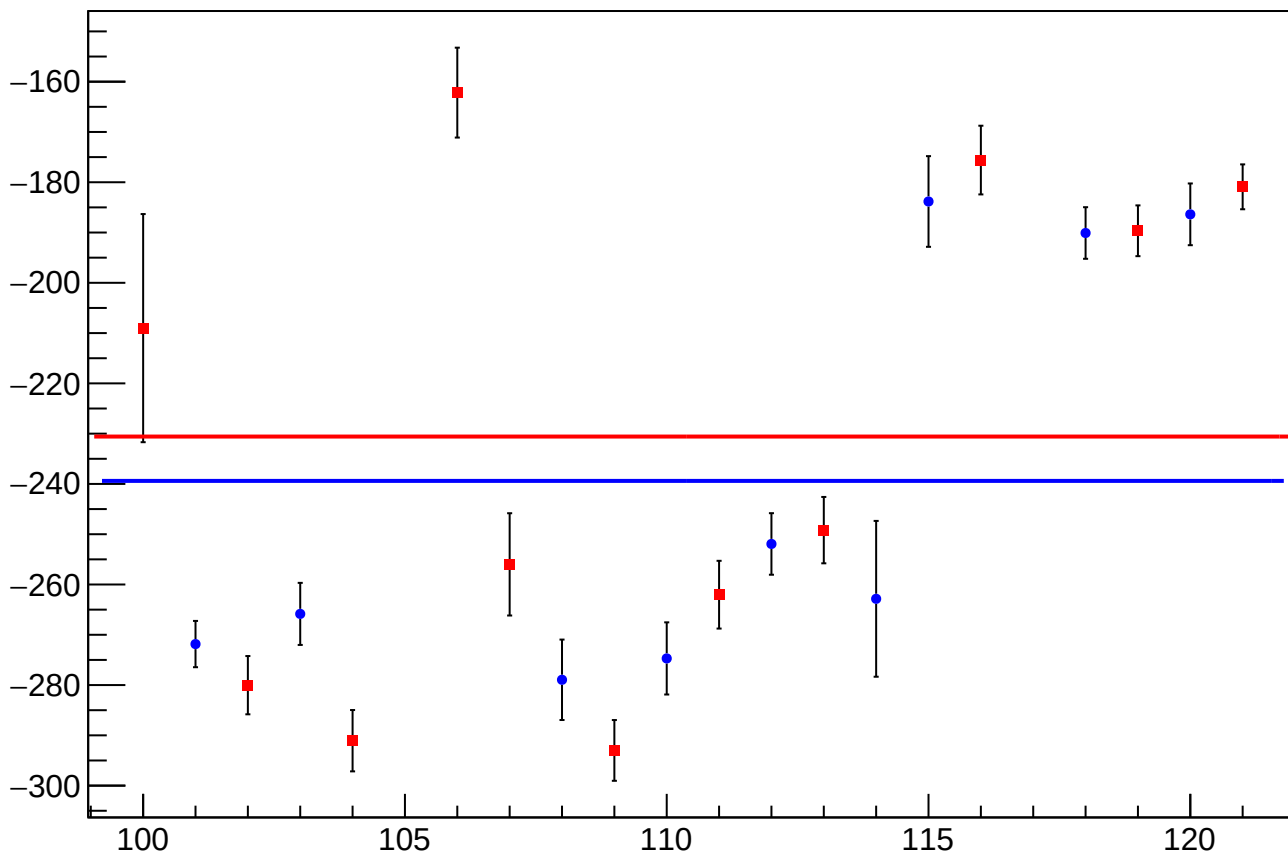
Right: -67.730+/-1.281 χ^2/NDF : 3090.8/19

In: -66.691+/-1.826 χ^2/NDF :1604.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.730+/-1.281 χ^2/NDF : 3090.8/19

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -239.396+/-2.151 χ^2/NDF : 328.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.577+/-1.946 χ^2/NDF : 627.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

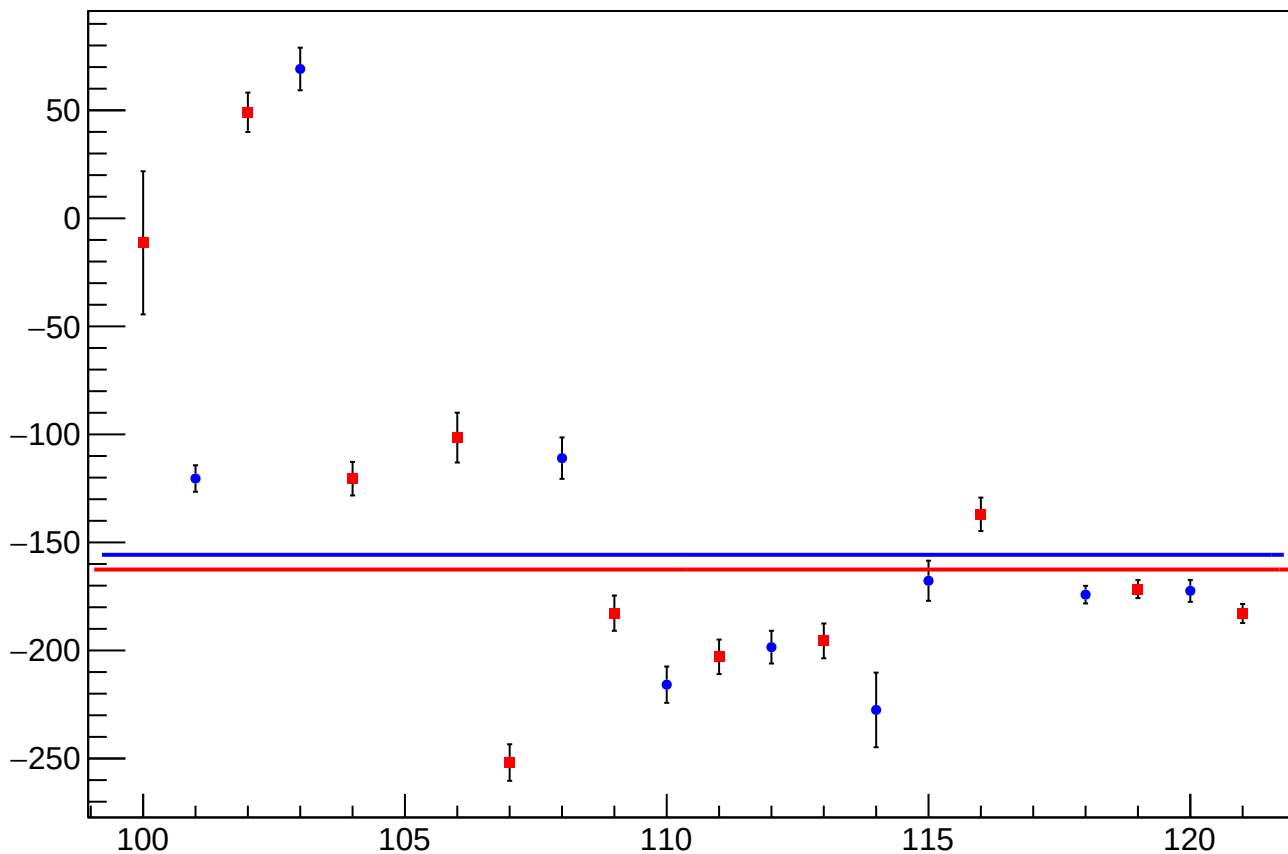
Right: -234.547+/-1.443 χ^2/NDF : 965.0/19

In: -239.396+/-2.151 χ^2/NDF : 328.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.547+/-1.443 χ^2/NDF : 965.0/19

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -155.729 ± 2.273 χ^2/NDF : 708.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -162.544 ± 2.120 χ^2/NDF : 813.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

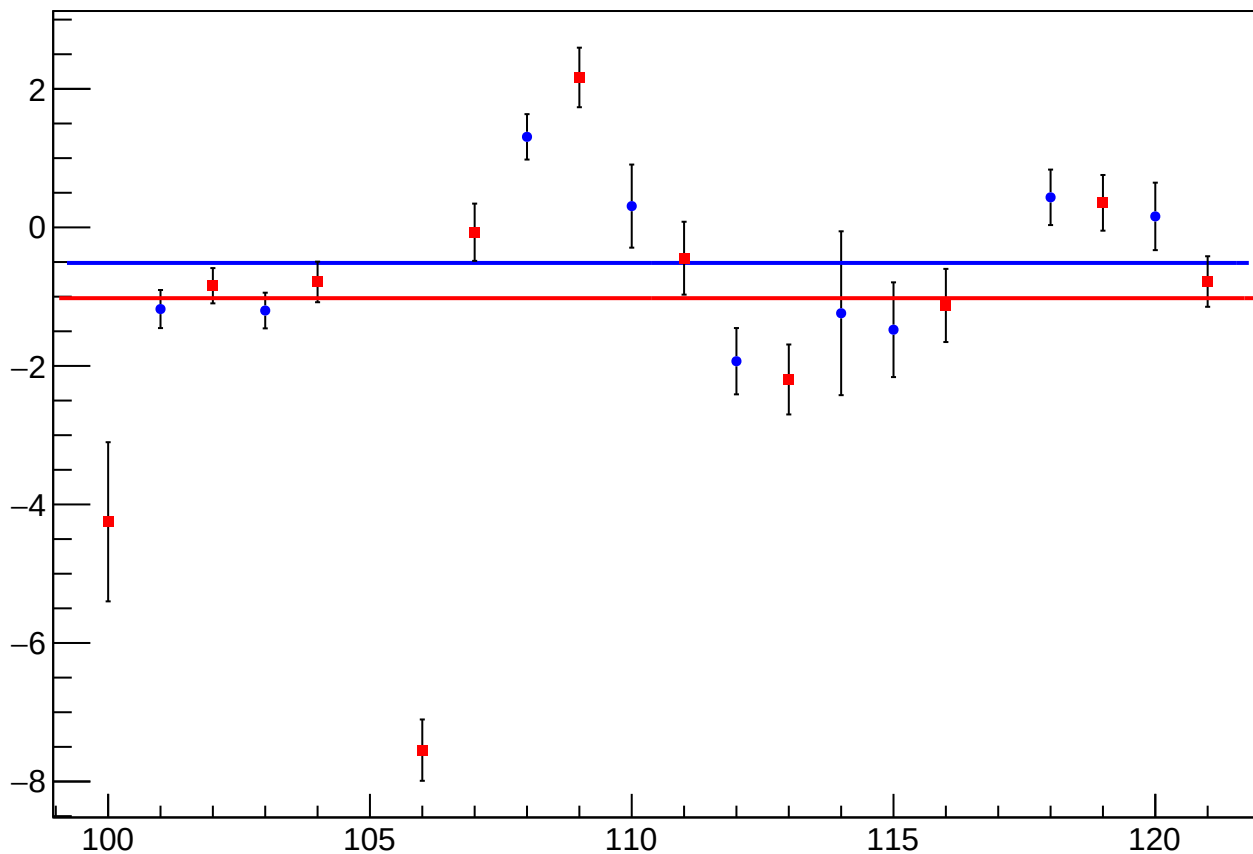
Right: -159.374 ± 1.551 χ^2/NDF : 1527.0/19

In: -155.729 ± 2.273 χ^2/NDF : 708.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -159.374 ± 1.551 χ^2/NDF : 1527.0/19

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.513 ± 0.131 χ^2/NDF : 64.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.022 ± 0.120 χ^2/NDF : 305.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

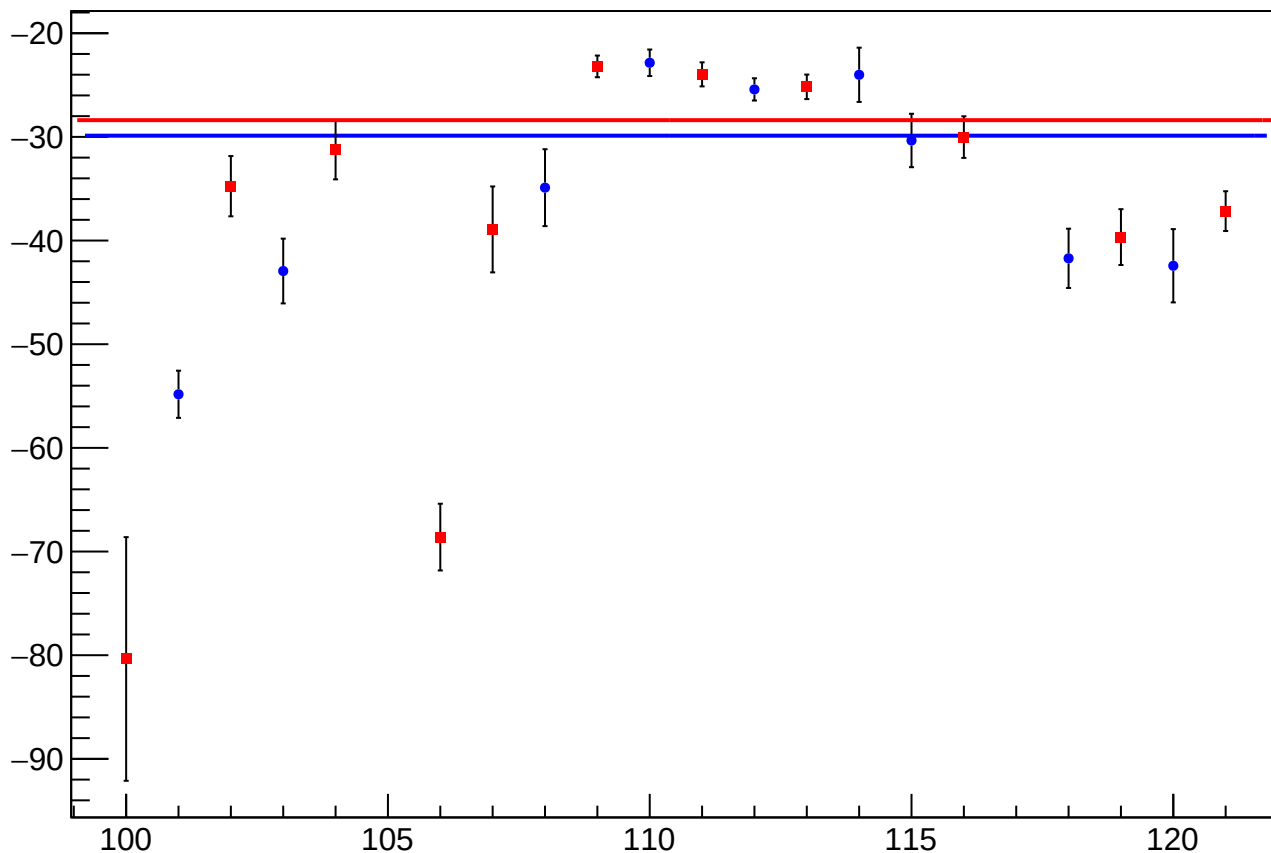
Right: -0.789 ± 0.089 χ^2/NDF : 377.8/19

In: -0.513 ± 0.131 χ^2/NDF : 64.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.789 ± 0.089 χ^2/NDF : 377.8/19

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.883 ± 0.653 χ^2/NDF : 221.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.386 ± 0.540 χ^2/NDF : 273.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

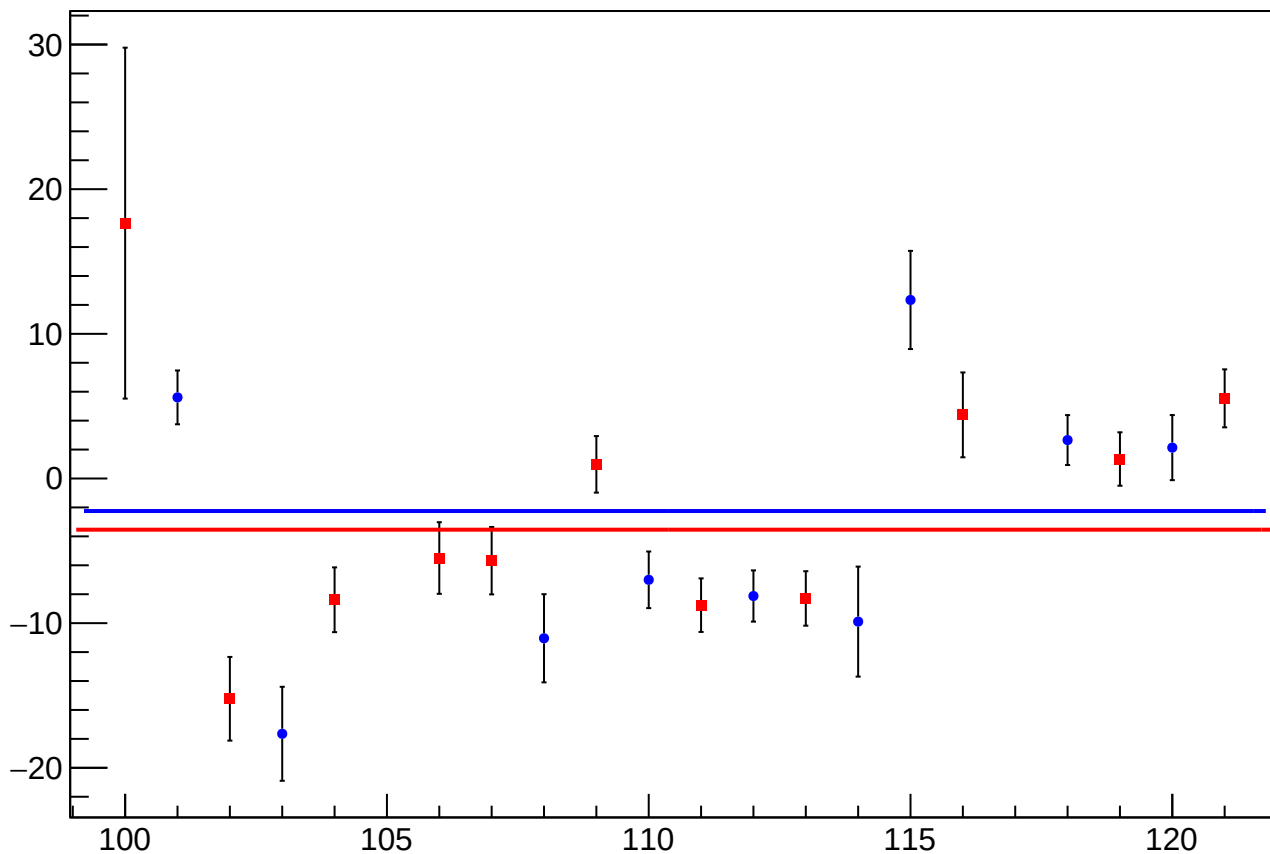
Right: -28.994 ± 0.416 χ^2/NDF : 498.3/19

In: -29.883 ± 0.653 χ^2/NDF : 221.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.994 ± 0.416 χ^2/NDF : 498.3/19

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.249+/-0.754 χ^2/NDF : 100.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.538+/-0.679 χ^2/NDF : 80.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

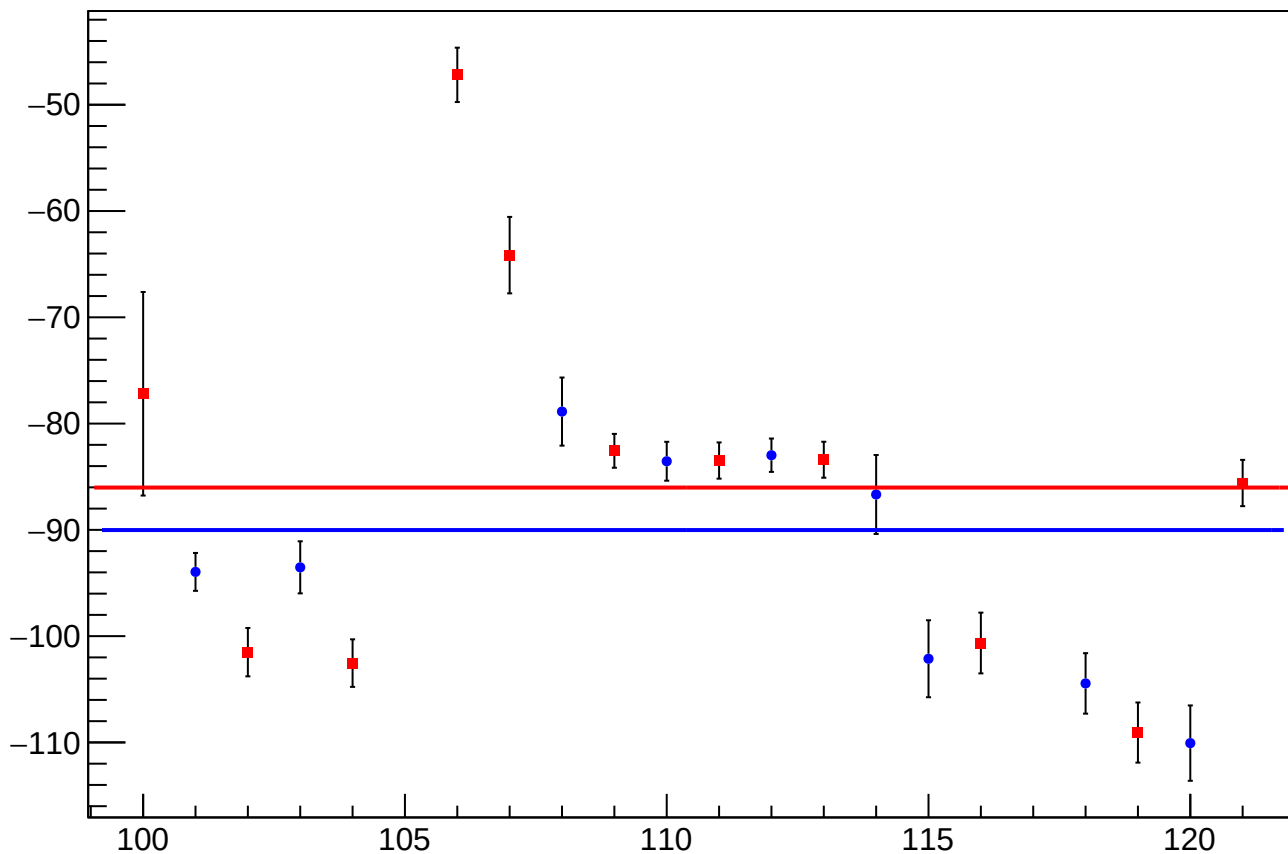
Right: -2.960+/-0.505 χ^2/NDF : 181.6/19

In: -2.249+/-0.754 χ^2/NDF :100.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.960+/-0.505 χ^2/NDF : 181.6/19

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.017 $\pm$ 0.782 χ^2 /NDF: 121.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.019 $\pm$ 0.677 χ^2 /NDF: 471.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

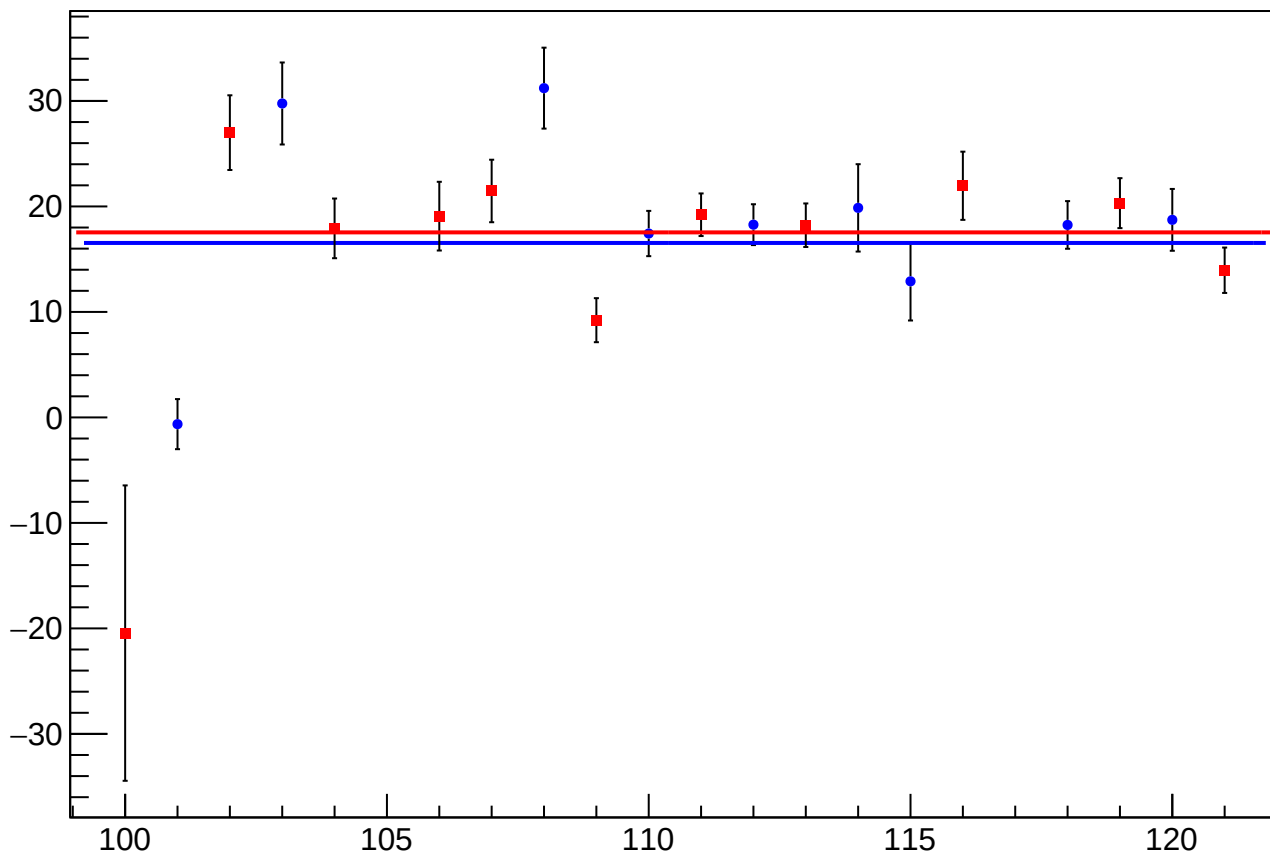
Right: -87.733 $\pm$ 0.512 χ^2 /NDF: 607.3/19

In: -90.017 $\pm$ 0.782 χ^2 /NDF:121.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -87.733 $\pm$ 0.512 χ^2 /NDF: 607.3/19

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.539 $\pm$ 0.899 χ^2 /NDF: 82.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.540 $\pm$ 0.786 χ^2 /NDF: 39.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

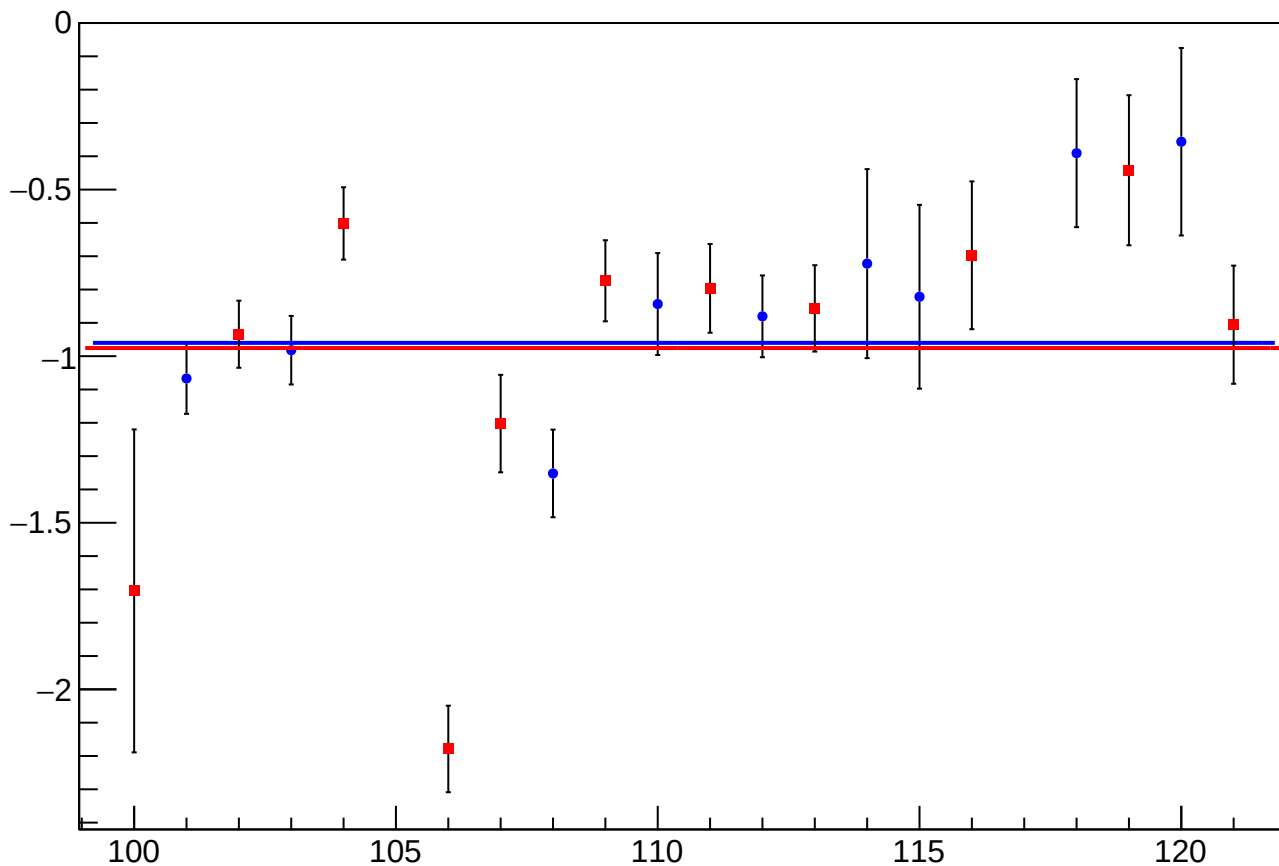
Right: 17.106 $\pm$ 0.592 χ^2 /NDF: 122.2/19

In: 16.539 $\pm$ 0.899 χ^2 /NDF:82.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.106 $\pm$ 0.592 χ^2 /NDF: 122.2/19

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.960 ± 0.049 $\chi^2/\text{NDF}: 23.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.976 ± 0.043 $\chi^2/\text{NDF}: 115.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

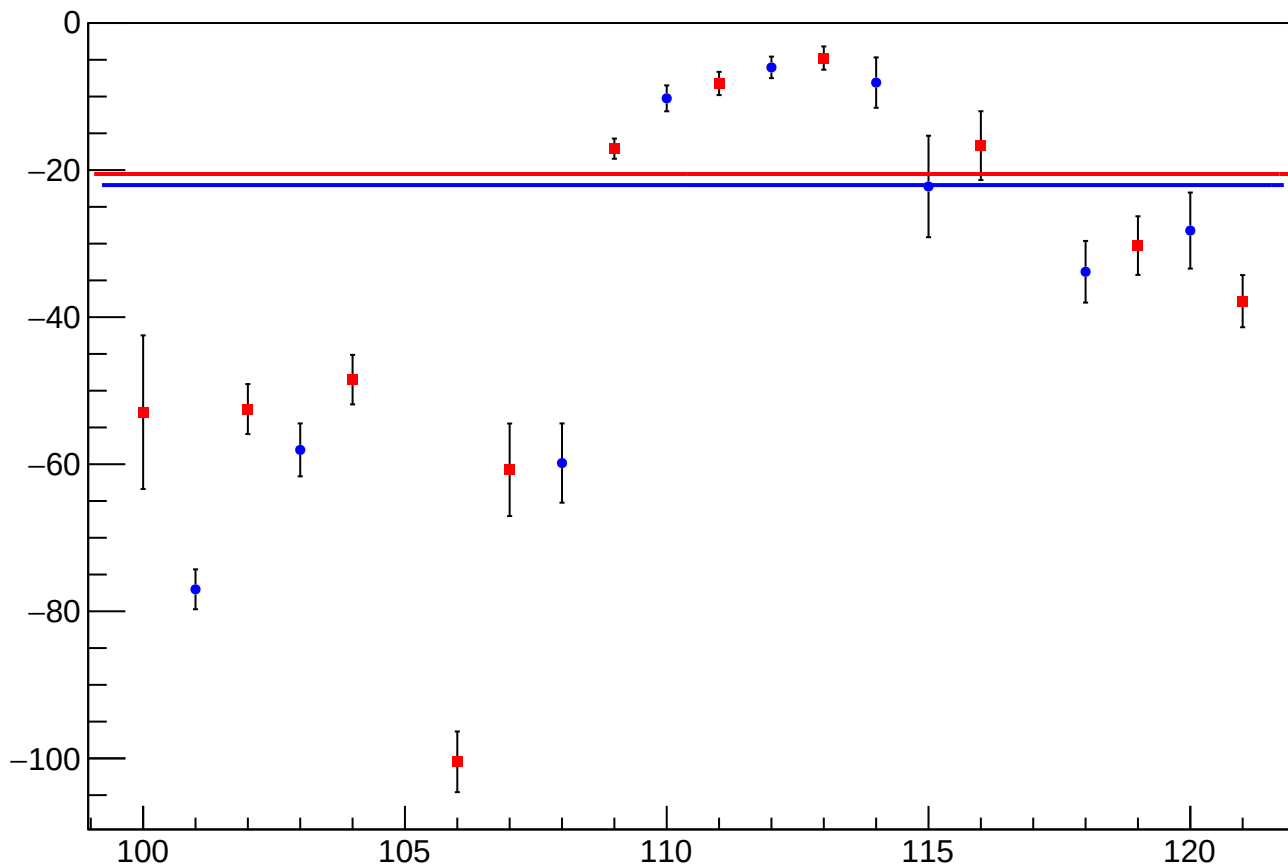
Right: -0.969 ± 0.032 $\chi^2/\text{NDF}: 138.4/19$

In: -0.960 ± 0.049 $\chi^2/\text{NDF}: 23.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.969 ± 0.032 $\chi^2/\text{NDF}: 138.4/19$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.038+/-0.899 χ^2/NDF : 750.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.531+/-0.748 χ^2/NDF : 780.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

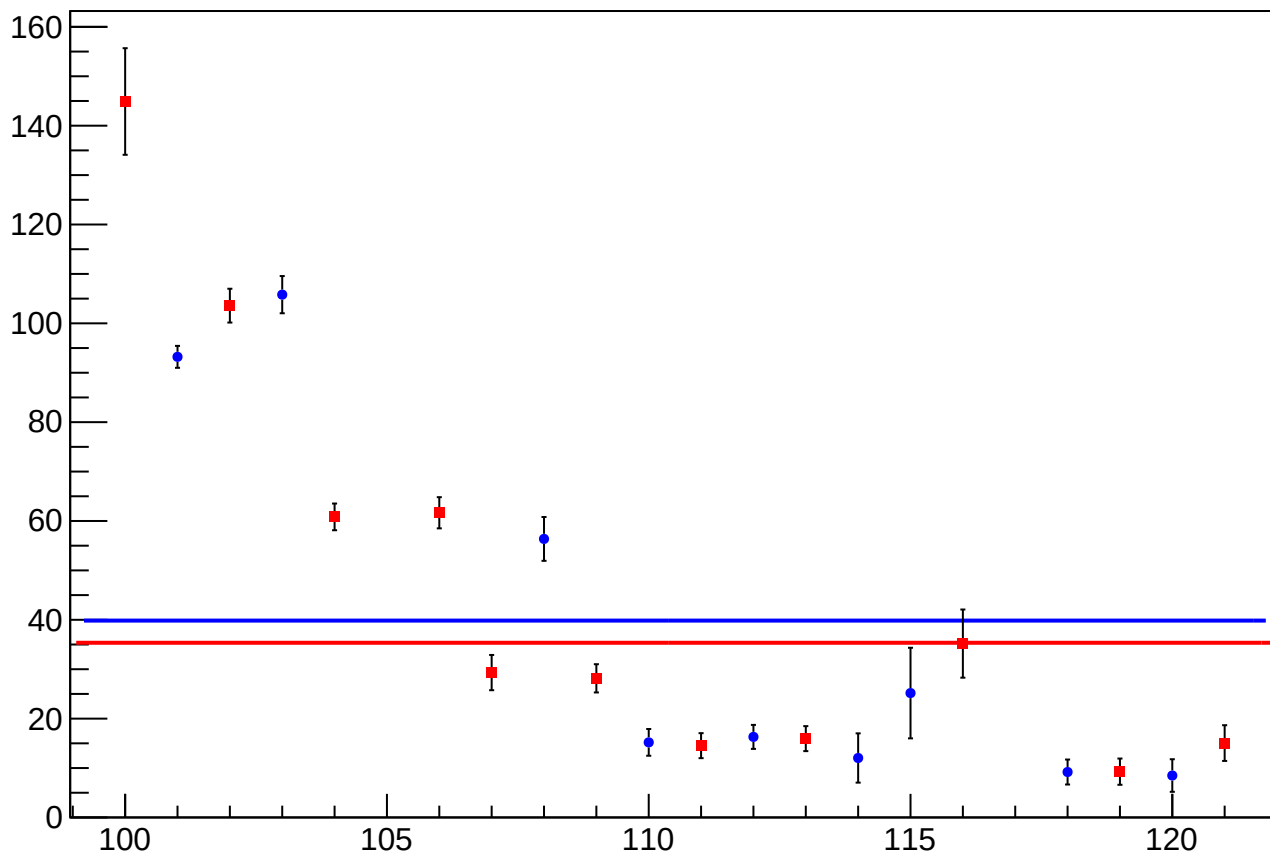
Right: -21.148+/-0.575 χ^2/NDF : 1531.7/19

In: -22.038+/-0.899 χ^2/NDF : 750.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.148+/-0.575 χ^2/NDF : 1531.7/19

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.841+/-1.036 χ^2/NDF : 1347.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.352+/-0.960 χ^2/NDF : 922.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

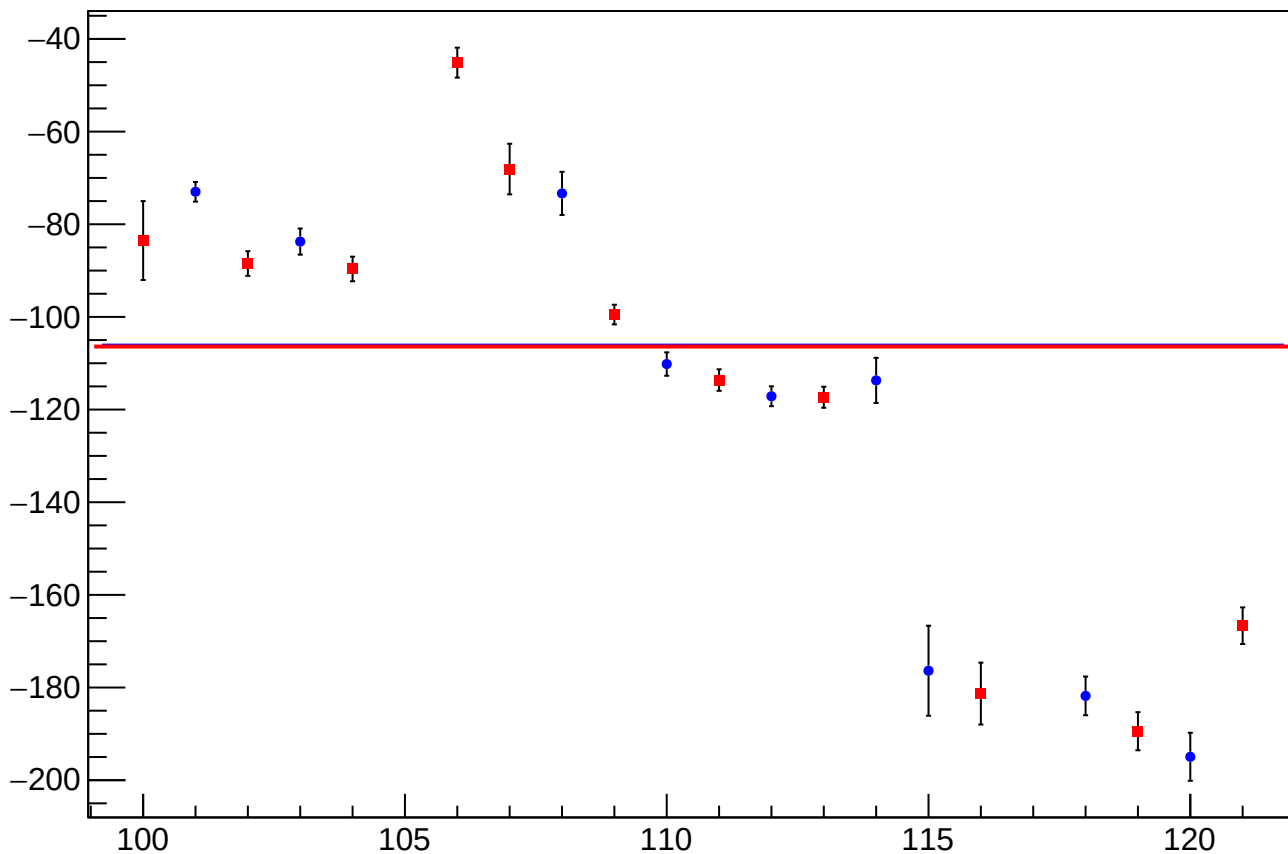
Right: 37.426+/-0.704 χ^2/NDF : 2280.3/19

In: 39.841+/-1.036 χ^2/NDF : 1347.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.426+/-0.704 χ^2/NDF : 2280.3/19

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -106.195+/-1.045 χ^2/NDF : 1062.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.396+/-0.923 χ^2/NDF : 1311.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

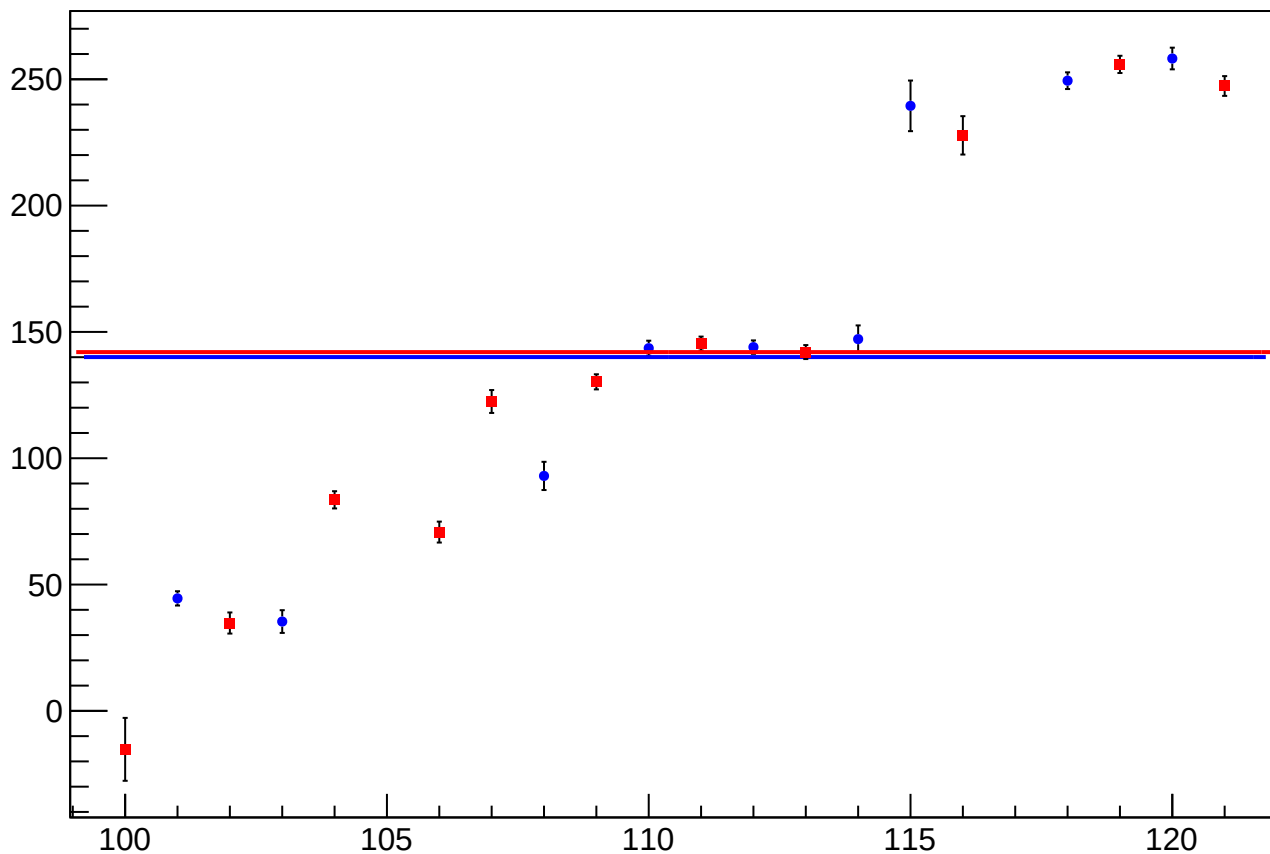
Right: -106.308+/-0.692 χ^2/NDF : 2373.2/19

In: -106.195+/-1.045 χ^2/NDF : 1062.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.308+/-0.692 χ^2/NDF : 2373.2/19

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 140.042+/-1.238 χ^2/NDF : 3711.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.014+/-1.118 χ^2/NDF : 3412.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

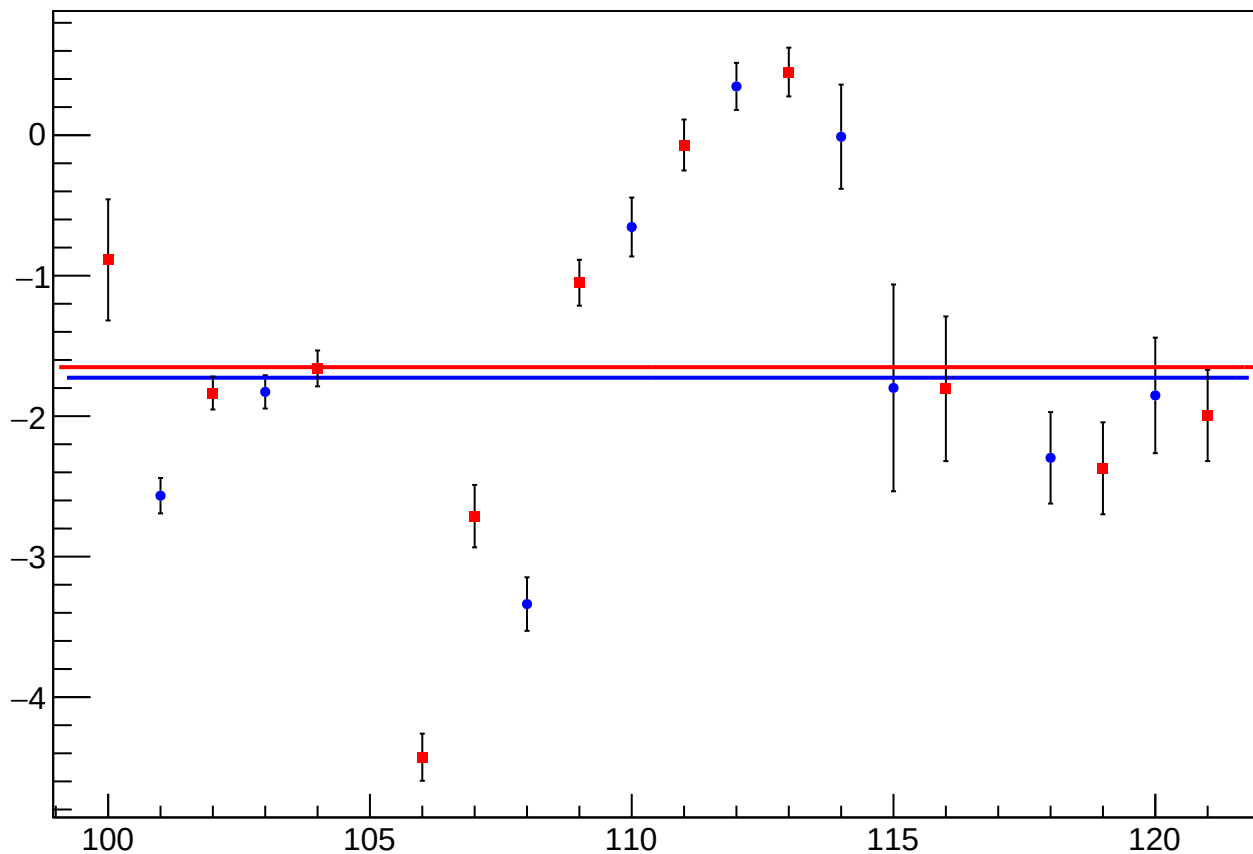
Right: 141.128+/-0.830 χ^2/NDF : 7125.8/19

In: 140.042+/-1.238 χ^2/NDF : 3711.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.128+/-0.830 χ^2/NDF : 7125.8/19

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.064 χ^2/NDF : 320.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.651+/-0.056 χ^2/NDF : 544.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

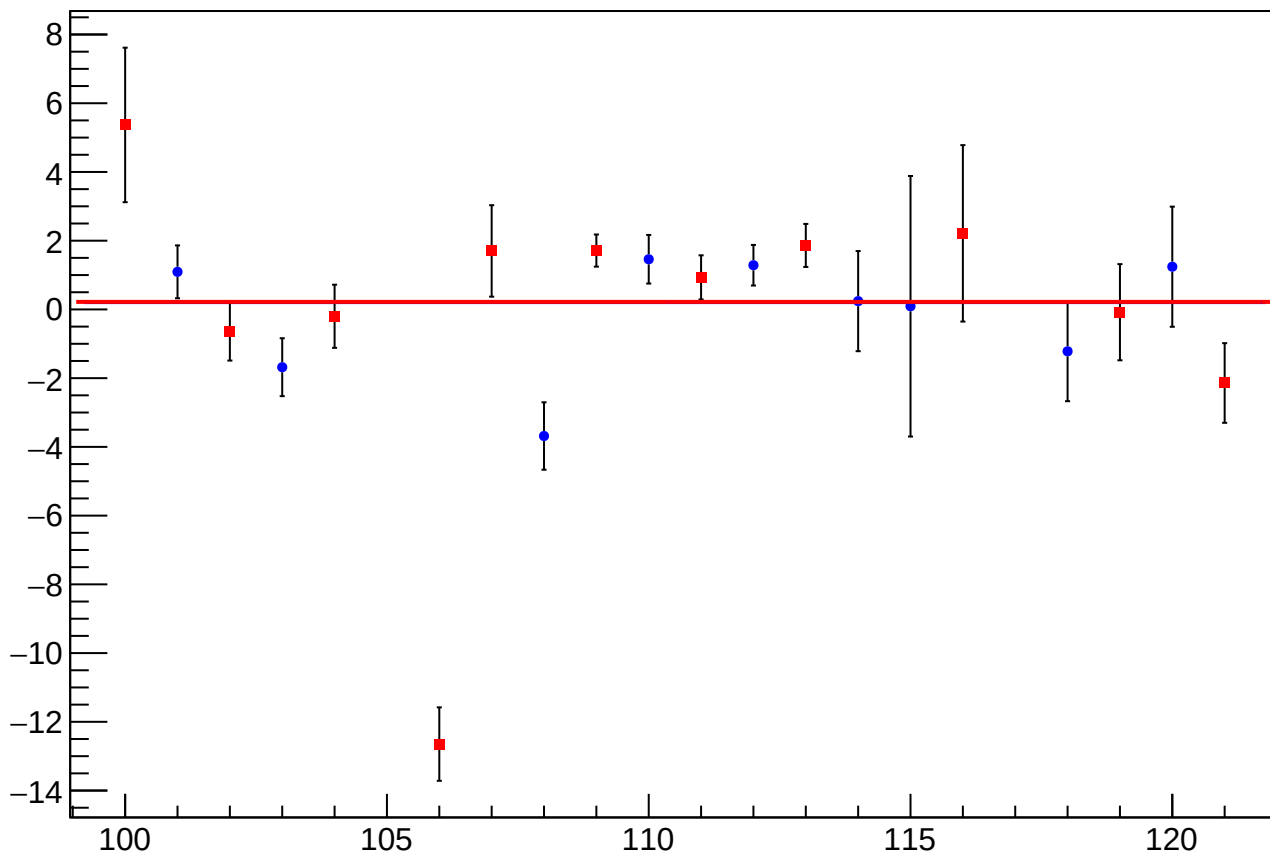
Right: -1.684+/-0.042 χ^2/NDF : 865.1/19

In: -1.726+/-0.064 χ^2/NDF : 320.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.684+/-0.042 χ^2/NDF : 865.1/19

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.213 $\pm$ 0.311 χ^2 /NDF: 29.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.219 $\pm$ 0.256 χ^2 /NDF: 175.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

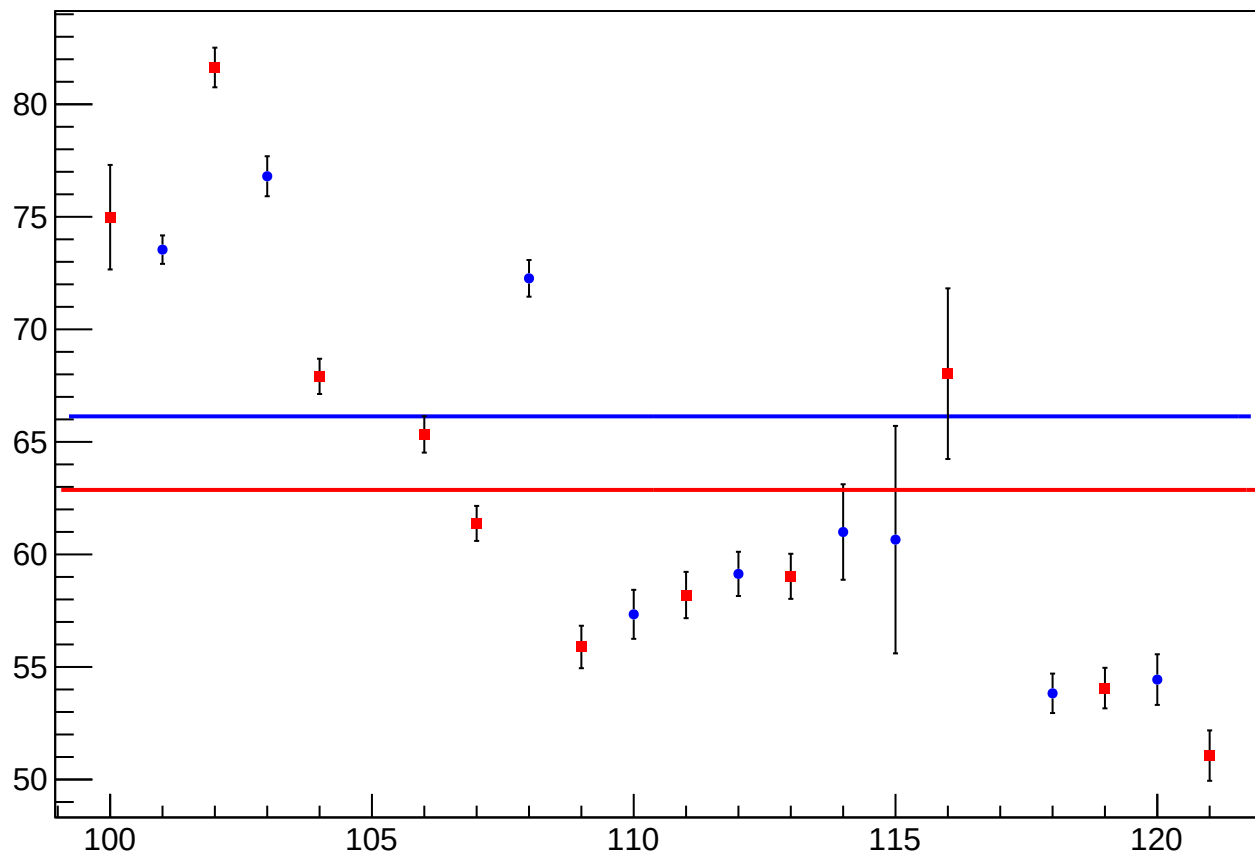
Right: 0.217 $\pm$ 0.198 χ^2 /NDF: 205.8/19

In: 0.213 $\pm$ 0.311 χ^2 /NDF:29.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.217 $\pm$ 0.198 χ^2 /NDF: 205.8/19

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 66.134+/-0.324 χ^2/NDF : 766.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.866+/-0.296 χ^2/NDF : 834.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

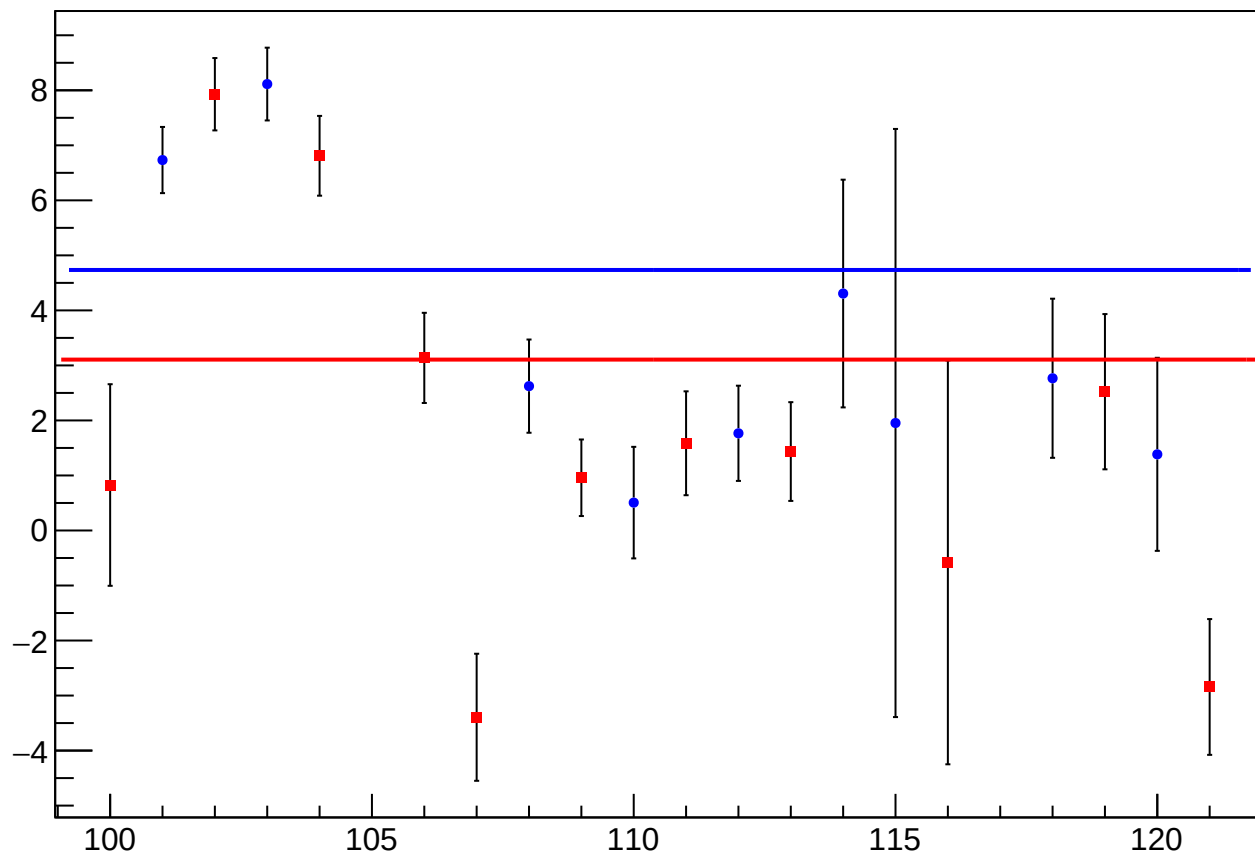
Right: 64.349+/-0.218 χ^2/NDF : 1656.7/19

In: 66.134+/-0.324 χ^2/NDF : 766.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.349+/-0.218 χ^2/NDF : 1656.7/19

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.735+/-0.319 χ^2/NDF : 78.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.106+/-0.284 χ^2/NDF : 153.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

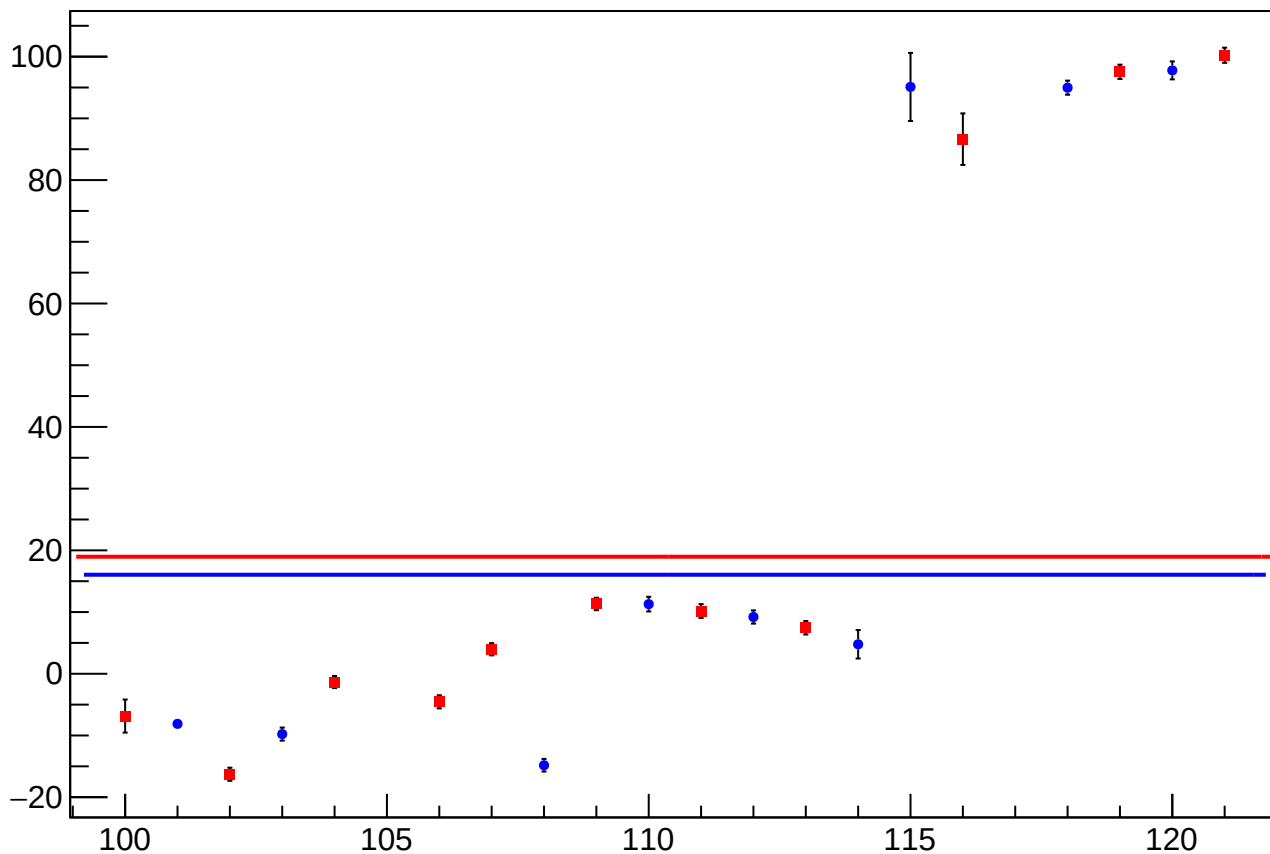
Right: 3.825+/-0.212 χ^2/NDF : 246.1/19

In: 4.735+/-0.319 χ^2/NDF : 78.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.825+/-0.212 χ^2/NDF : 246.1/19

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.048+/-0.394 χ^2/NDF : 10601.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.968+/-0.352 χ^2/NDF : 11828.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

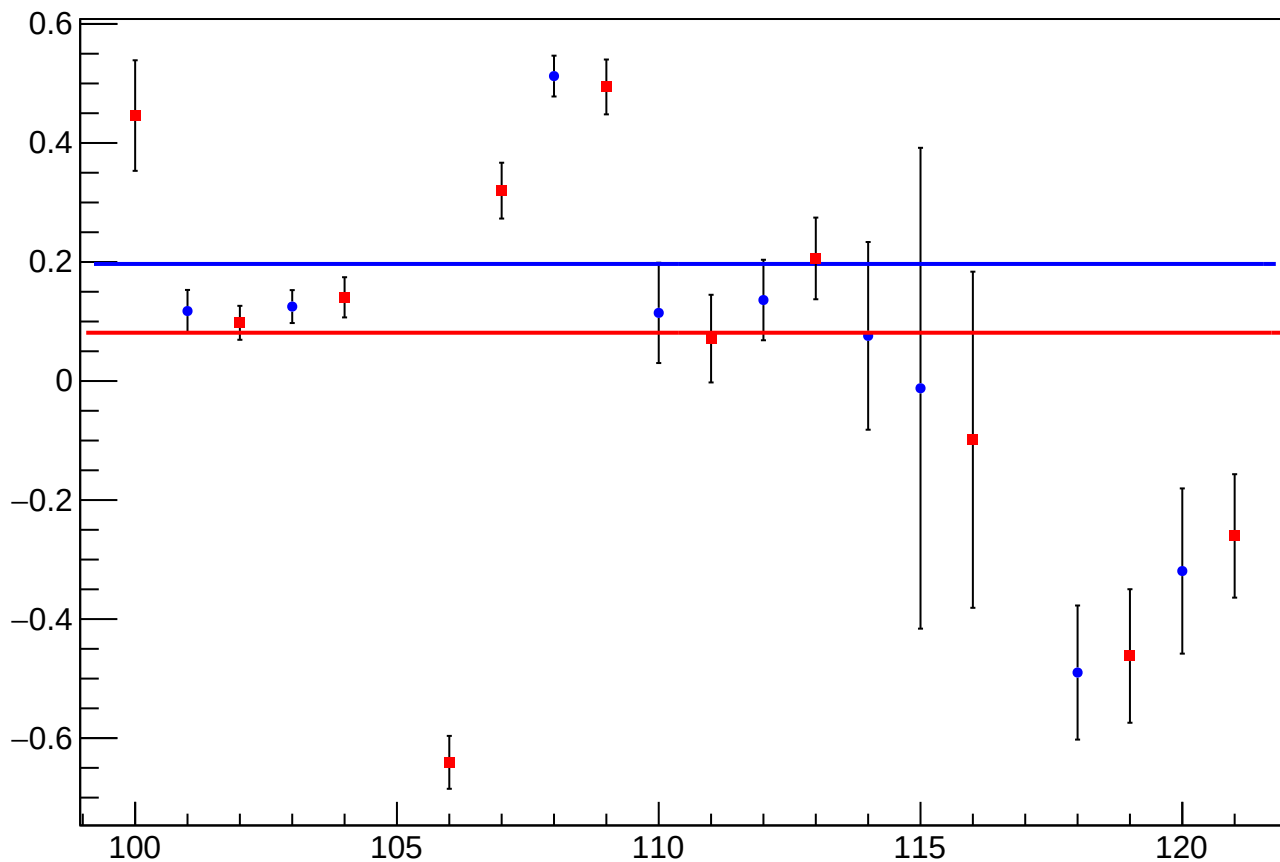
Right: 17.673+/-0.263 χ^2/NDF : 22460.6/19

In: 16.048+/-0.394 χ^2/NDF : 10601.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.673+/-0.263 χ^2/NDF : 22460.6/19

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.197 ± 0.017 χ^2/NDF : 150.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.081 ± 0.015 χ^2/NDF : 426.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

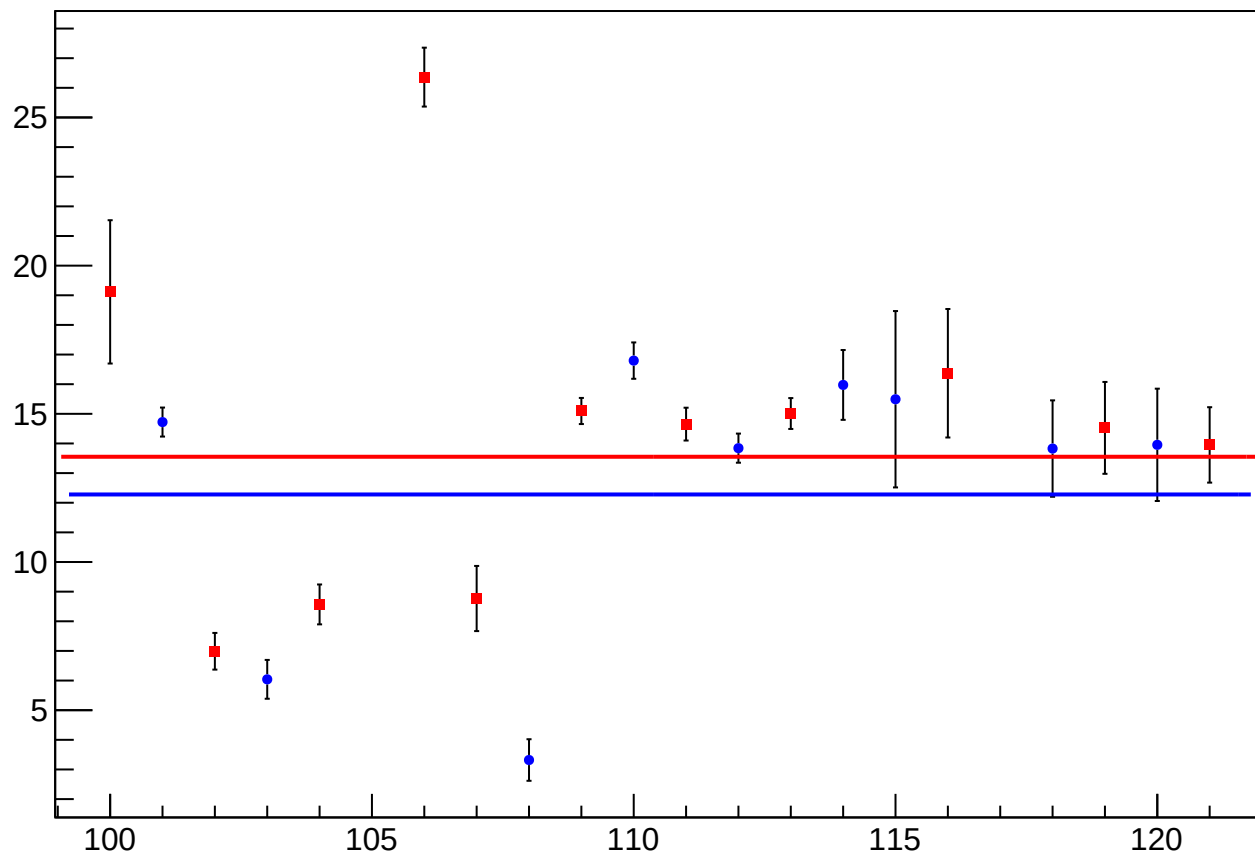
Right: 0.133 ± 0.011 χ^2/NDF : 602.4/19

In: 0.197 ± 0.017 χ^2/NDF : 150.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.133 ± 0.011 χ^2/NDF : 602.4/19

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.279+/-0.244 χ^2/NDF : 355.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.551+/-0.223 χ^2/NDF : 383.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

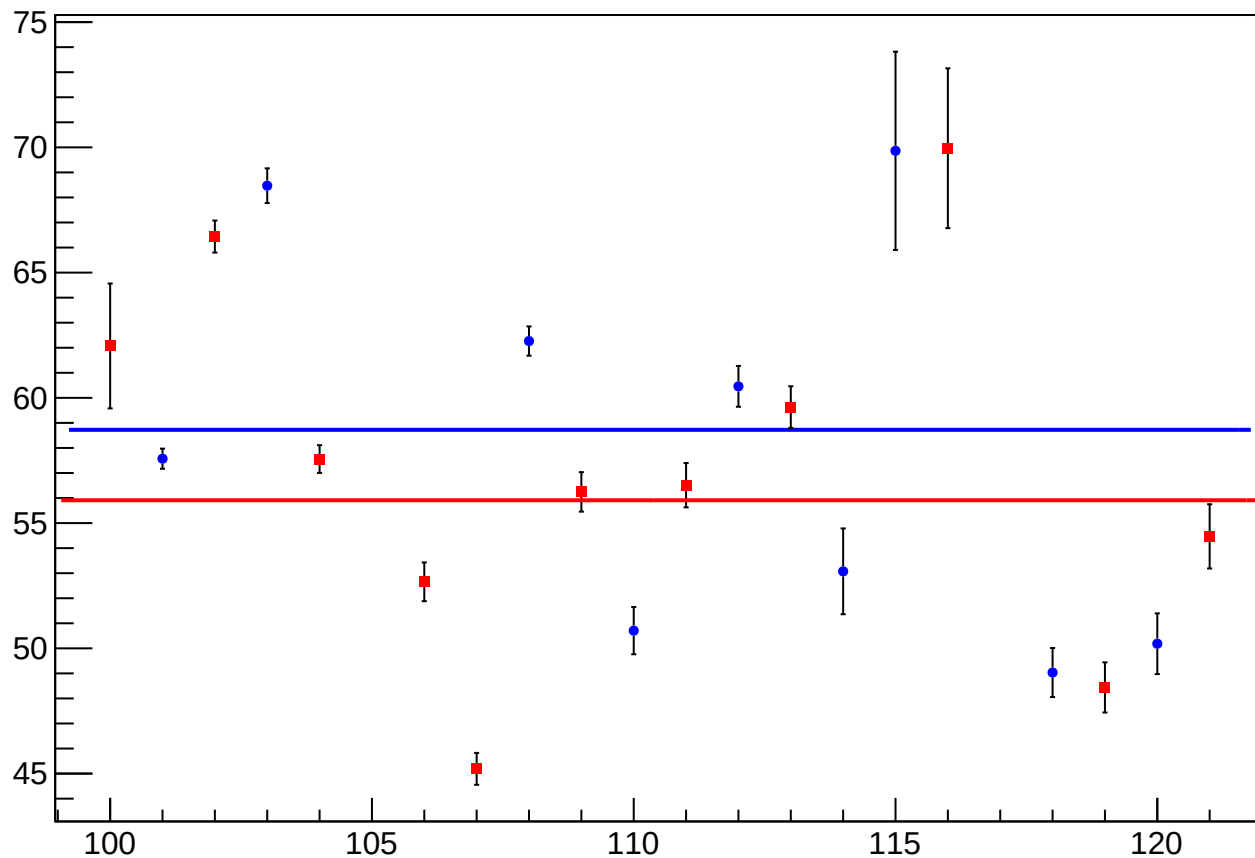
Right: 12.973+/-0.164 χ^2/NDF : 754.6/19

In: 12.279+/-0.244 χ^2/NDF : 355.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.973+/-0.164 χ^2/NDF : 754.6/19

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.724+/-0.250 χ^2/NDF : 485.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.910+/-0.250 χ^2/NDF : 684.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

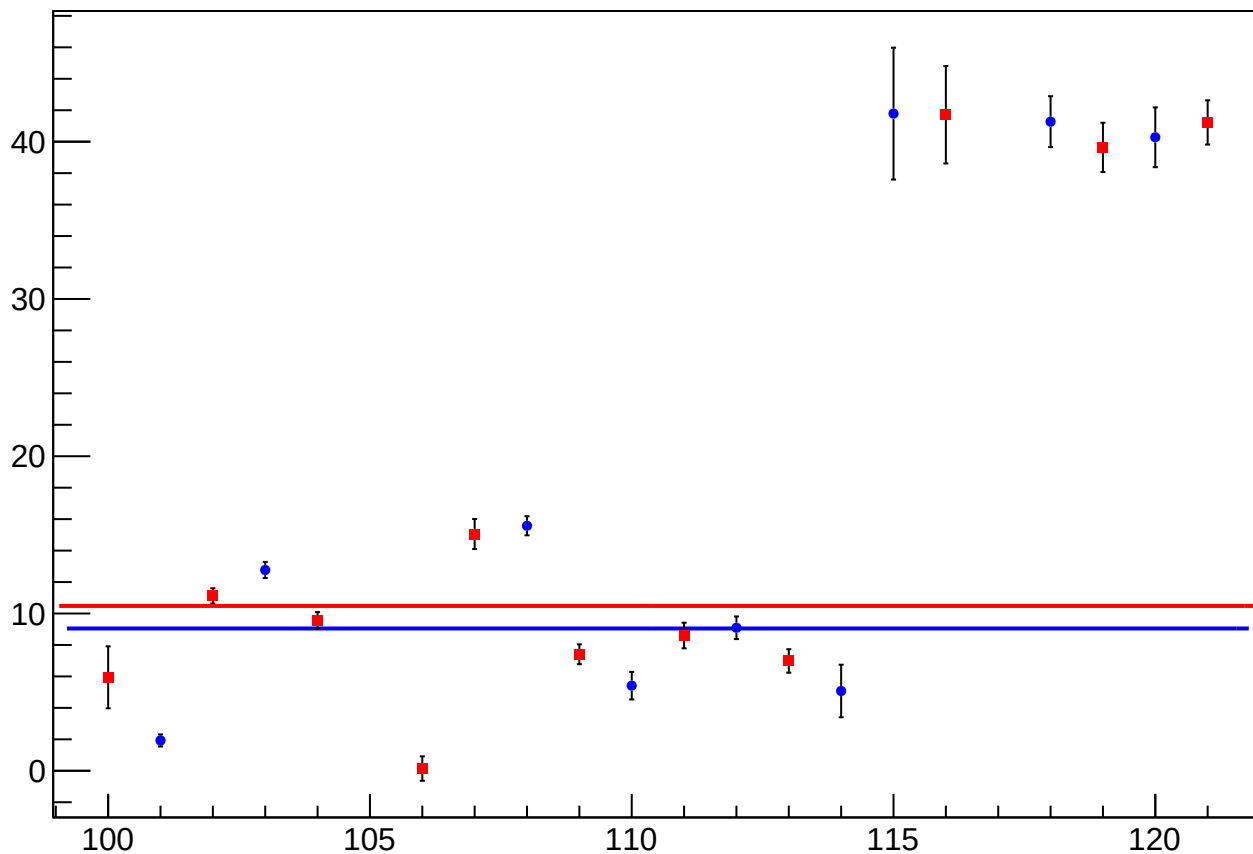
Right: 57.314+/-0.177 χ^2/NDF : 1233.4/19

In: 58.724+/-0.250 χ^2/NDF : 485.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.314+/-0.177 χ^2/NDF : 1233.4/19

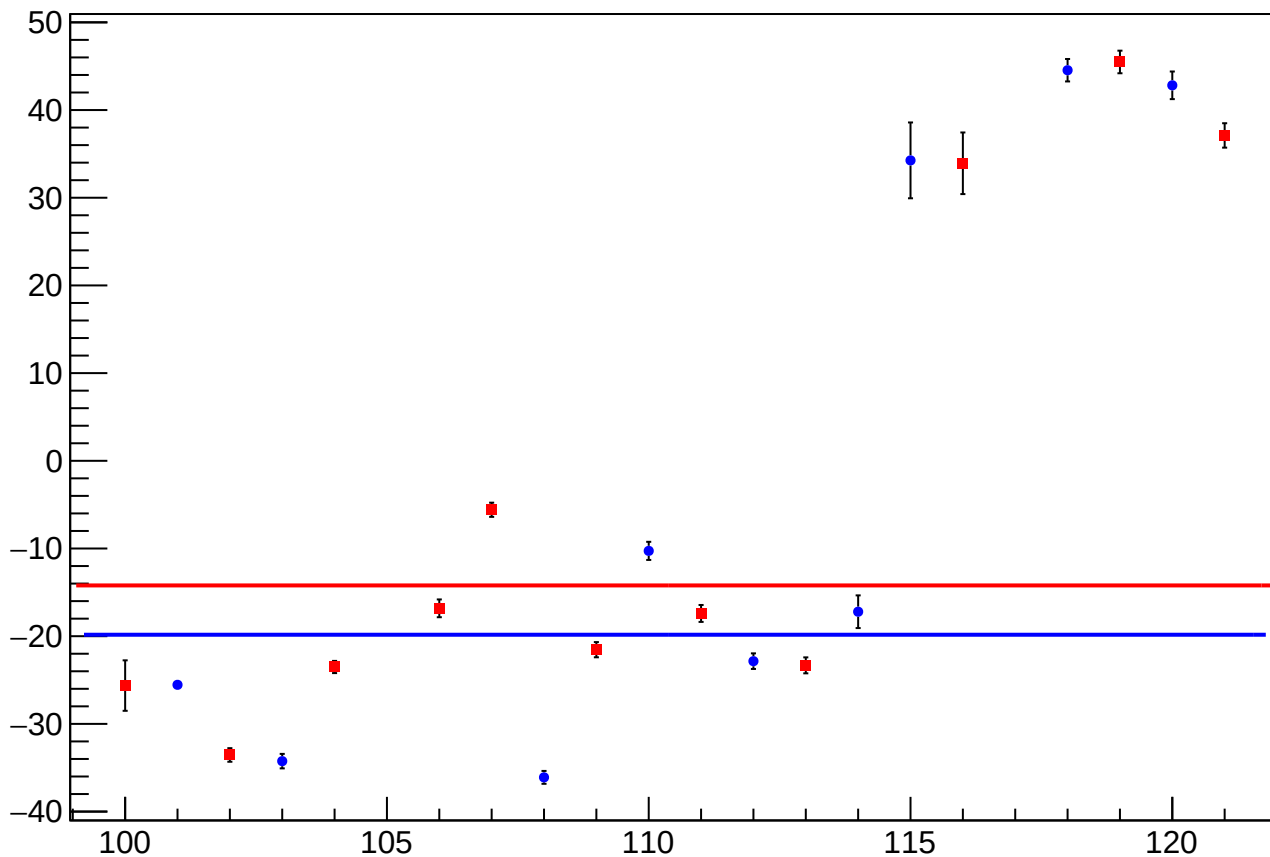
reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.047 ± 0.238 $\chi^2/\text{NDF}: 1264.2/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 10.482 ± 0.238 $\chi^2/\text{NDF}: 1185.9/10$
 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: 9.765 ± 0.168 $\chi^2/\text{NDF}: 2468.2/19$
 In: 9.047 ± 0.238 $\chi^2/\text{NDF}: 1264.2/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 9.765 ± 0.168 $\chi^2/\text{NDF}: 2468.2/19$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.834 ± 0.305 χ^2/NDF : 5288.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.211 ± 0.299 χ^2/NDF : 4814.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

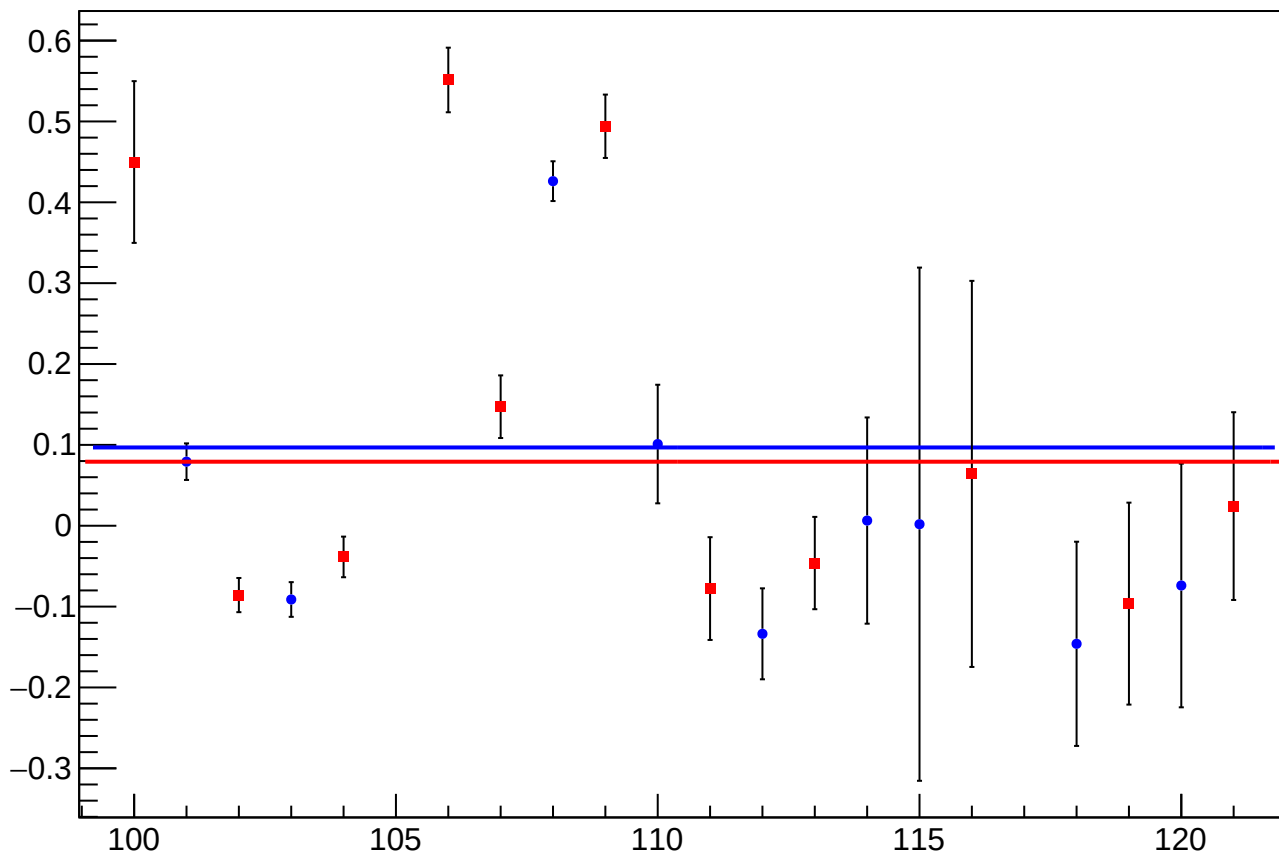
Right: -16.966 ± 0.214 χ^2/NDF : 10275.8/19

In: -19.834 ± 0.305 χ^2/NDF : 5288.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.966 ± 0.214 χ^2/NDF : 10275.8/19

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.012 χ^2 /NDF: 279.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.079 $\pm$ 0.012 χ^2 /NDF: 364.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

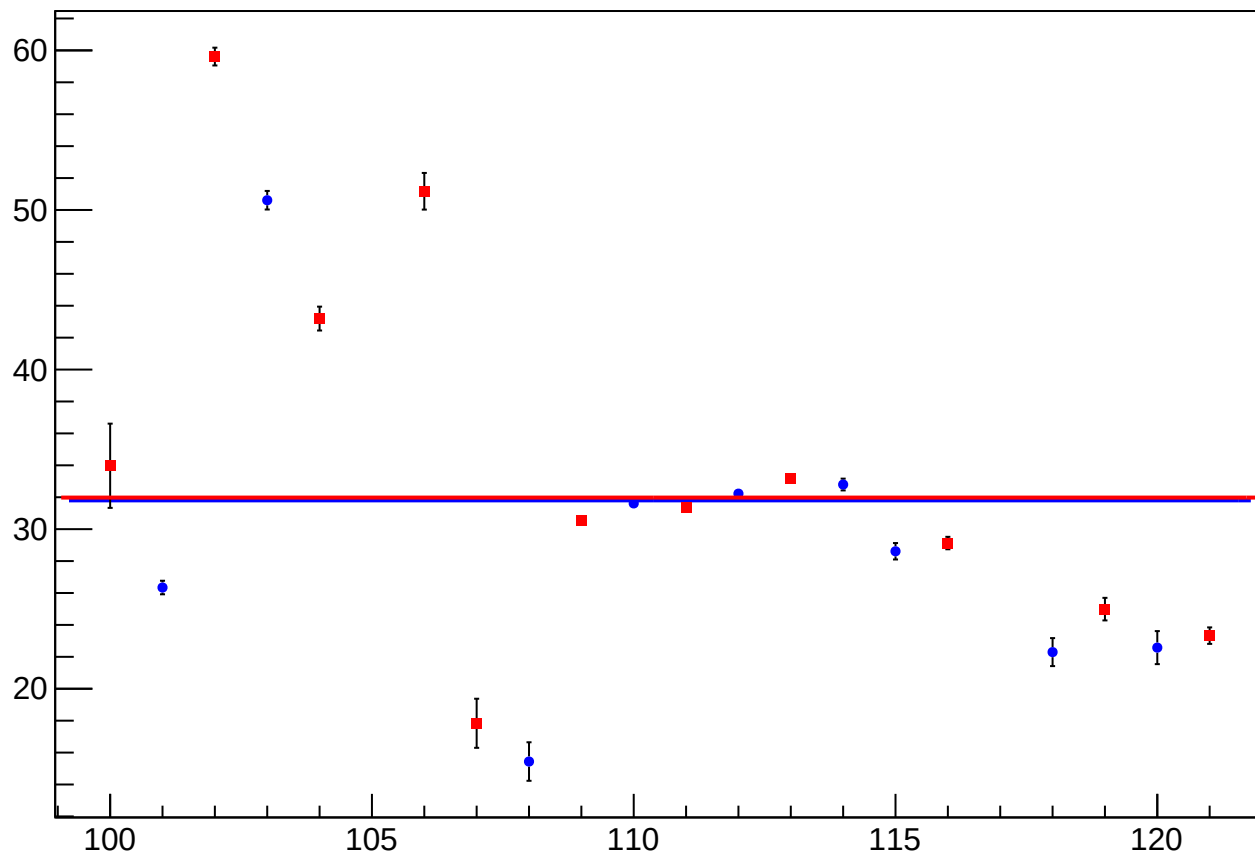
Right: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.5/19

In: 0.097 $\pm$ 0.012 χ^2 /NDF:279.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.5/19

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.804 $\pm$ 0.108 χ^2 /NDF: 1642.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.979 $\pm$ 0.087 χ^2 /NDF: 3636.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

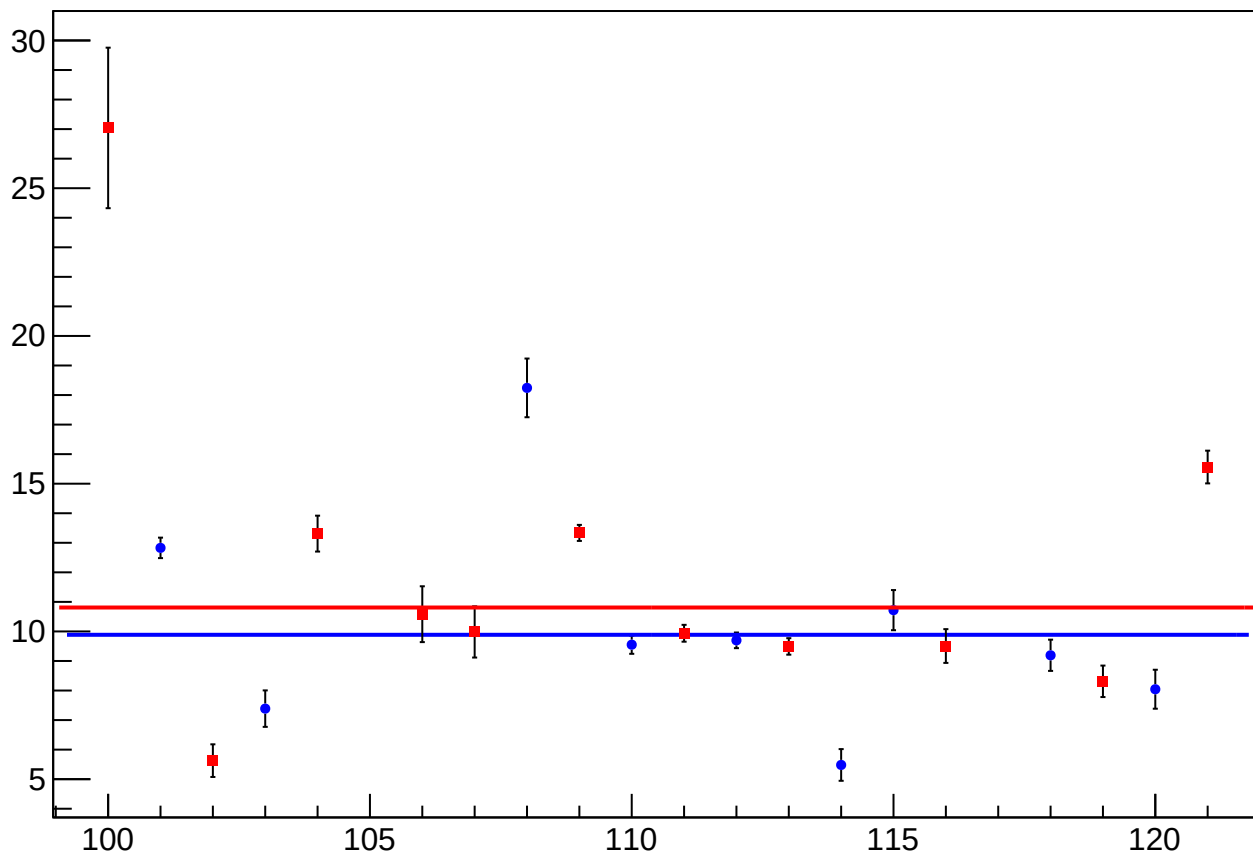
Right: 31.910 $\pm$ 0.067 χ^2 /NDF: 5280.9/19

In: 31.804 $\pm$ 0.108 χ^2 /NDF:1642.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.910 $\pm$ 0.067 χ^2 /NDF: 5280.9/19

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.886+/-0.144 χ^2/NDF : 239.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.810+/-0.132 χ^2/NDF : 360.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

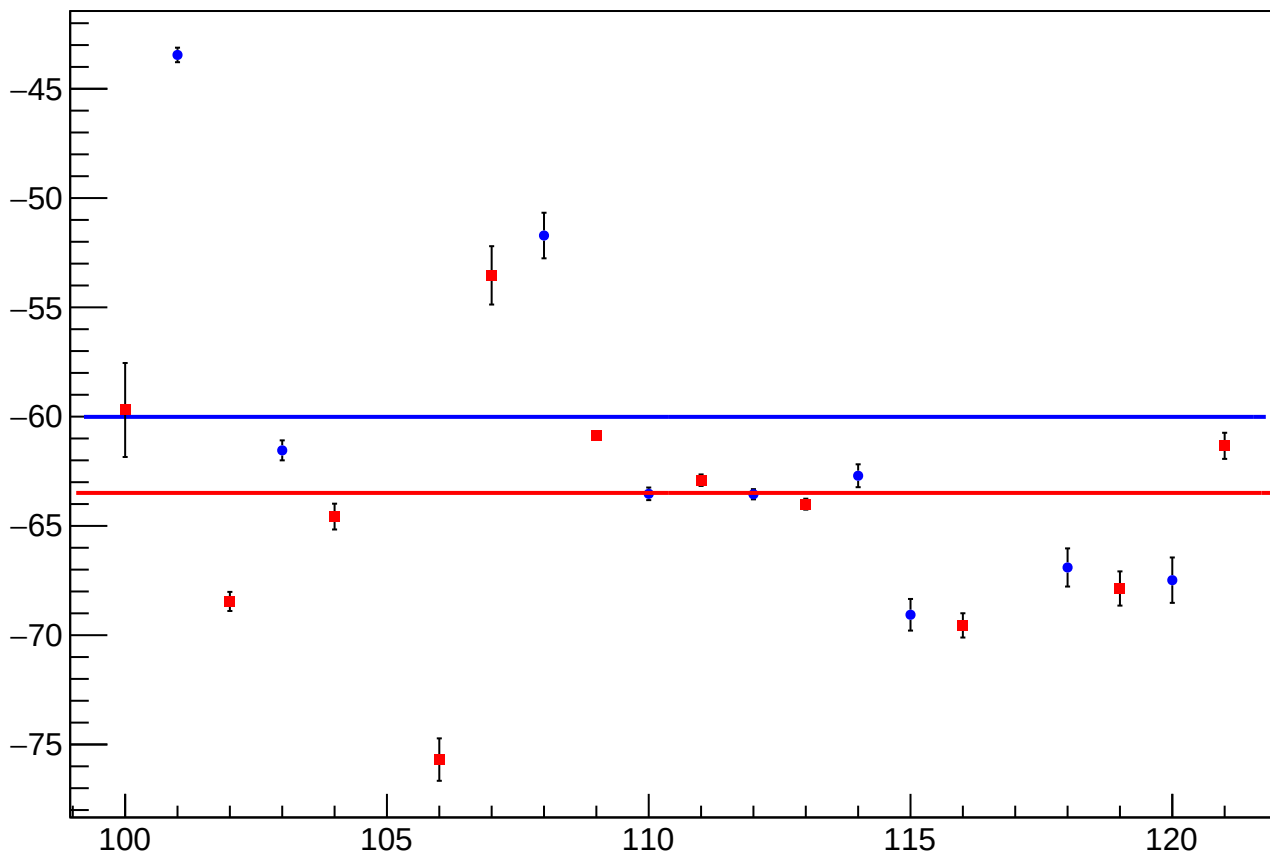
Right: 10.387+/-0.097 χ^2/NDF : 622.4/19

In: 9.886+/-0.144 χ^2/NDF : 239.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.387+/-0.097 χ^2/NDF : 622.4/19

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.011 ± 0.138 χ^2/NDF : 3229.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.491 ± 0.120 χ^2/NDF : 670.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

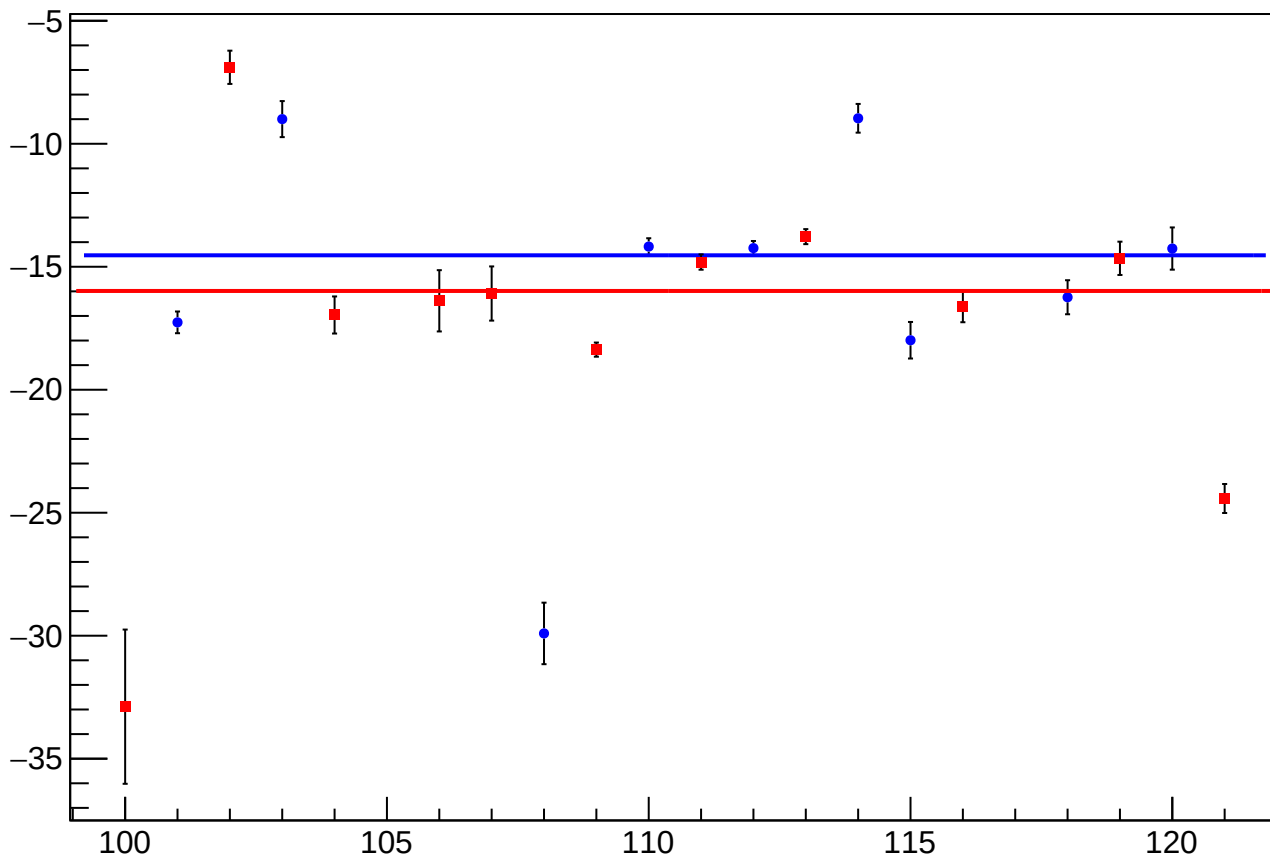
Right: -61.987 ± 0.090 χ^2/NDF : 4262.3/19

In: -60.011 ± 0.138 χ^2/NDF : 3229.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.987 ± 0.090 χ^2/NDF : 4262.3/19

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.535 ± 0.165 $\chi^2/\text{NDF}: 367.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -15.984 ± 0.147 $\chi^2/\text{NDF}: 557.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

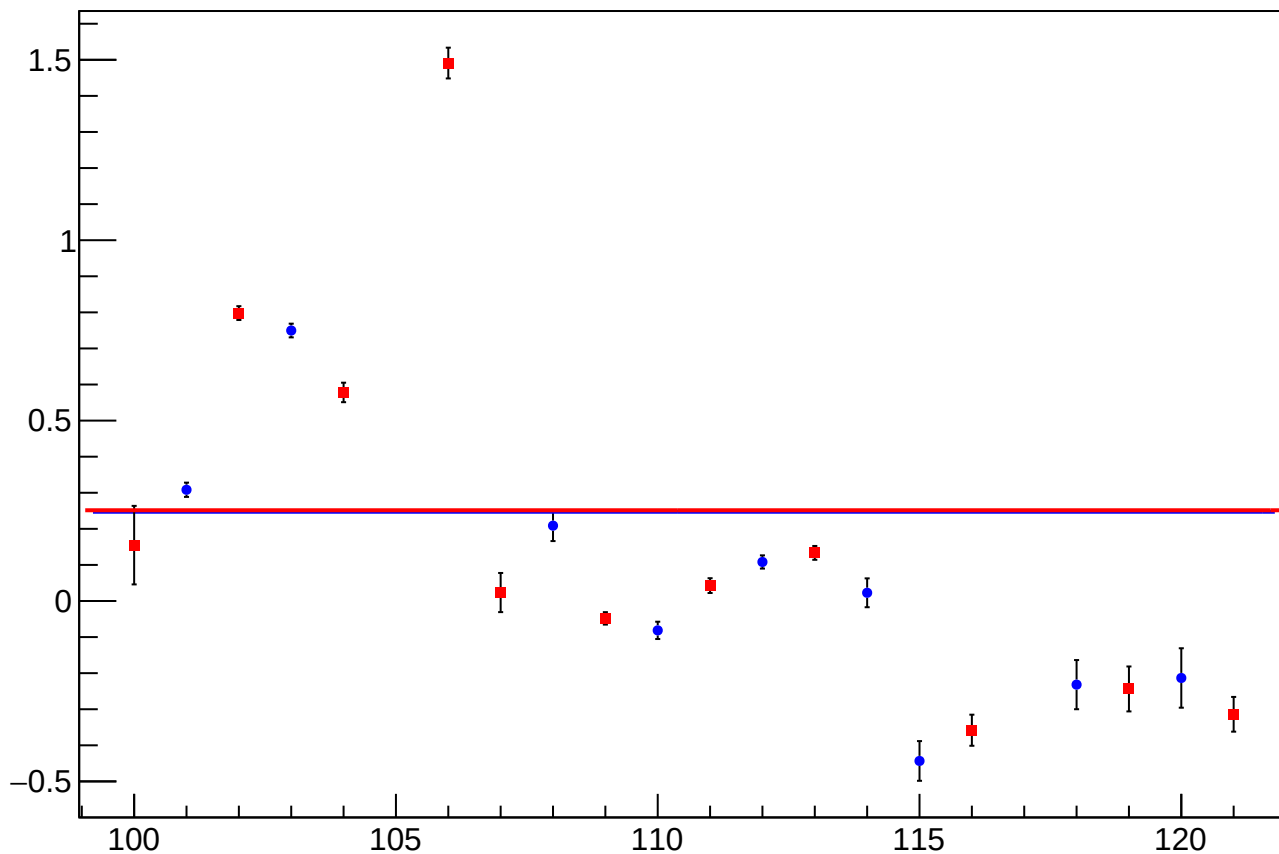
Right: -15.345 ± 0.110 $\chi^2/\text{NDF}: 967.3/19$

In: -14.535 ± 0.165 $\chi^2/\text{NDF}: 367.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.345 ± 0.110 $\chi^2/\text{NDF}: 967.3/19$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.247 $\pm$ 0.009 χ^2 /NDF: 1224.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.252 $\pm$ 0.008 χ^2 /NDF: 2666.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

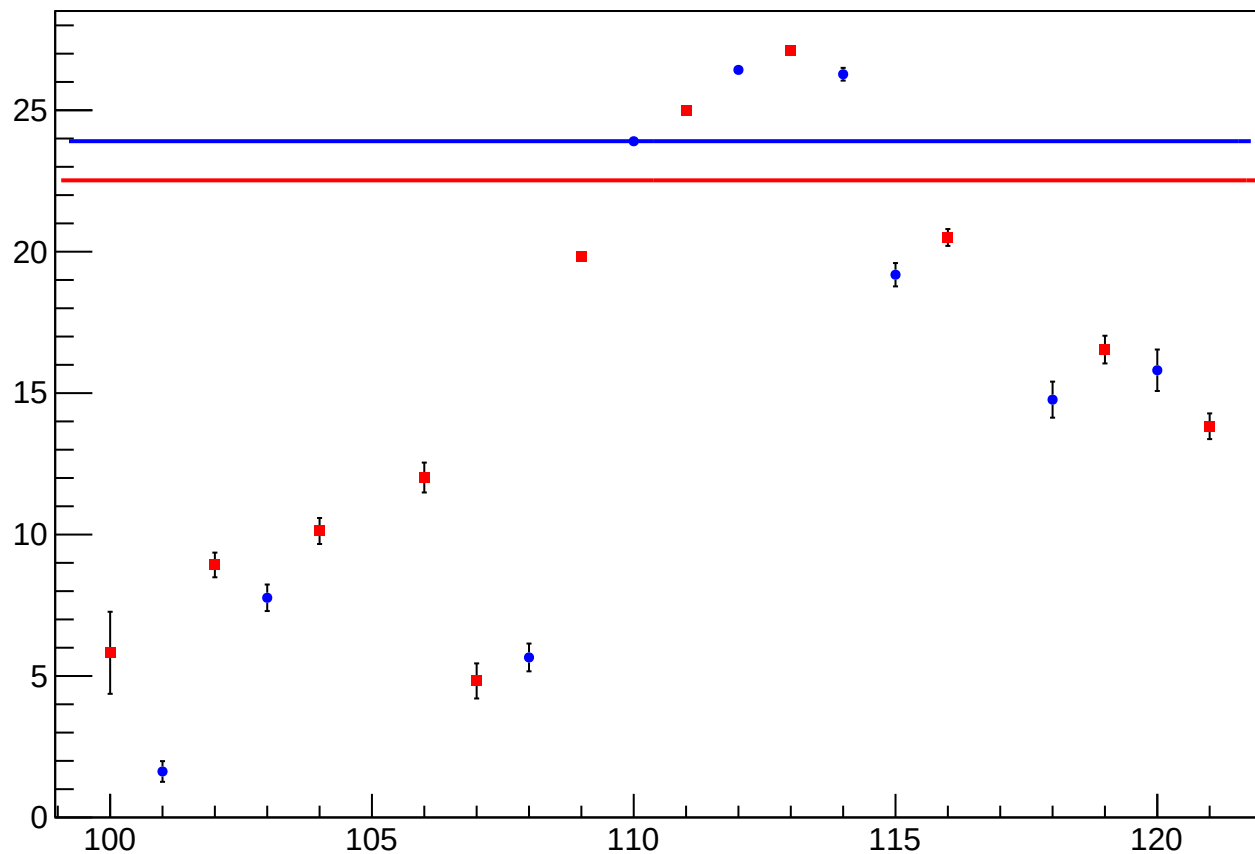
Right: 0.250 $\pm$ 0.006 χ^2 /NDF: 3891.5/19

In: 0.247 $\pm$ 0.009 χ^2 /NDF:1224.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.250 $\pm$ 0.006 χ^2 /NDF: 3891.5/19

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.906 $\pm$ 0.061 χ^2 /NDF: 7689.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.522 $\pm$ 0.048 χ^2 /NDF: 7728.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

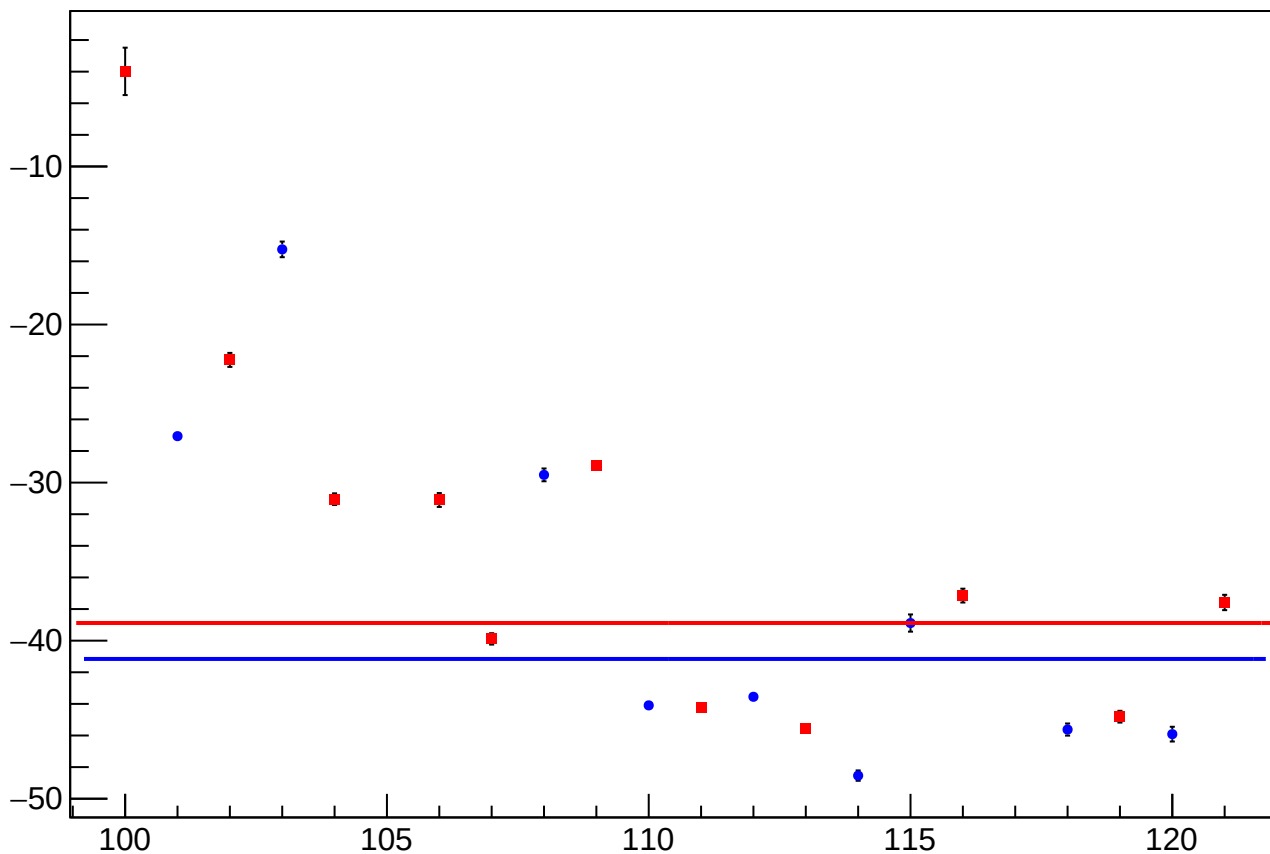
Right: 23.050 $\pm$ 0.038 χ^2 /NDF: 15734.5/19

In: 23.906 $\pm$ 0.061 χ^2 /NDF:7689.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.050 $\pm$ 0.038 χ^2 /NDF: 15734.5/19

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.157+/-0.088 χ^2/NDF : 7170.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.882+/-0.078 χ^2/NDF : 9680.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

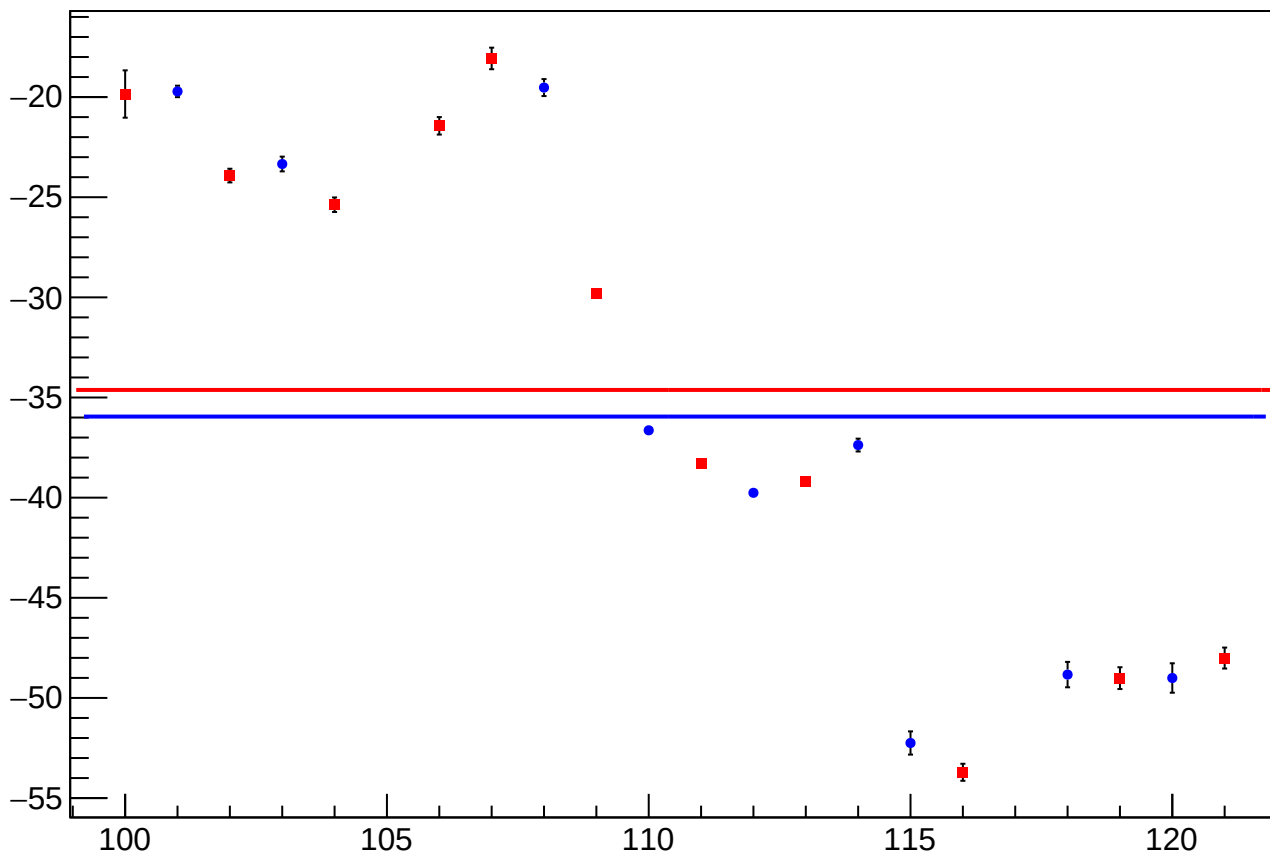
Right: -39.882+/-0.058 χ^2/NDF : 17229.2/19

In: -41.157+/-0.088 χ^2/NDF : 7170.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.882+/-0.058 χ^2/NDF : 17229.2/19

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.952 ± 0.083 χ^2/NDF : 8347.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.623 ± 0.068 χ^2/NDF : 10459.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

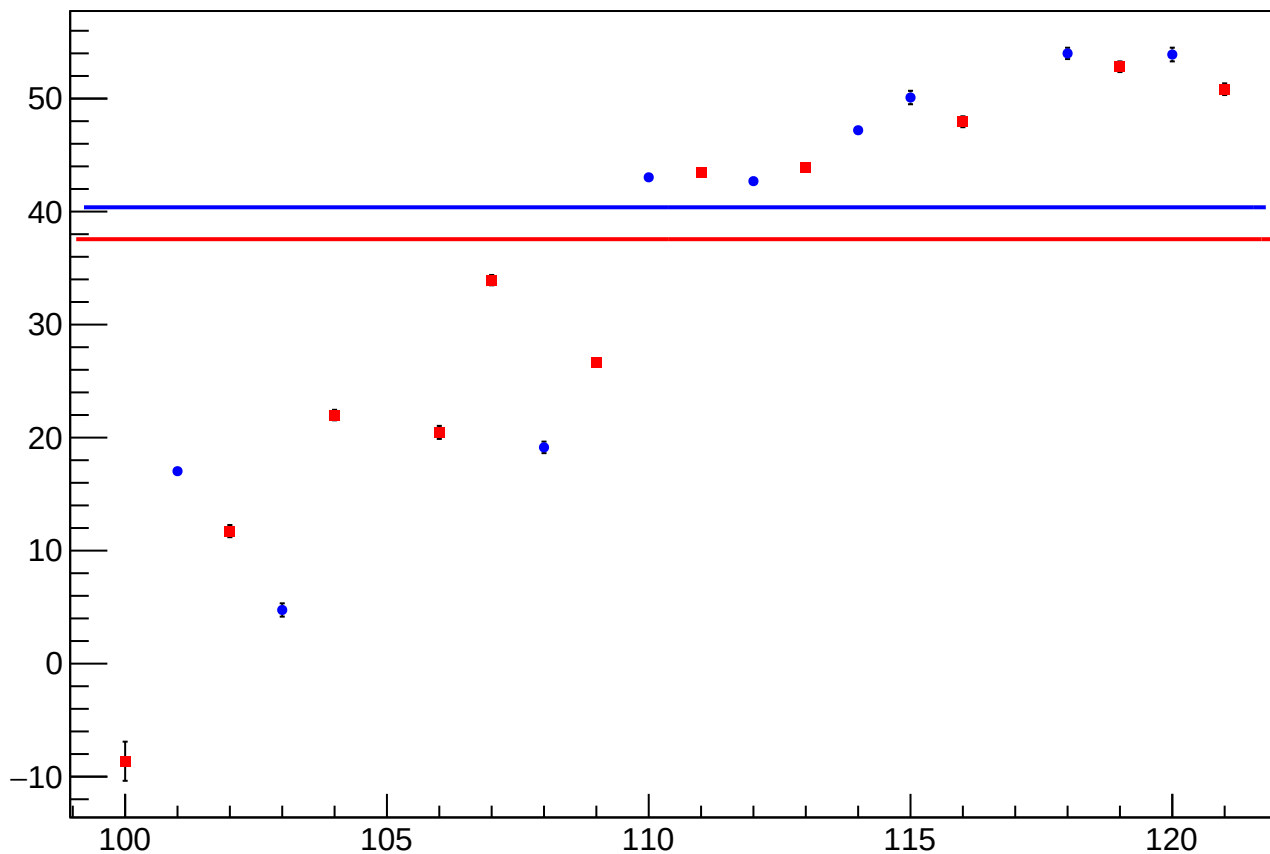
Right: -35.162 ± 0.053 χ^2/NDF : 18960.9/19

In: -35.952 ± 0.083 χ^2/NDF : 8347.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.162 ± 0.053 χ^2/NDF : 18960.9/19

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.380 $\pm$ 0.099 χ^2 /NDF: 11478.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.557 $\pm$ 0.086 χ^2 /NDF: 14001.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

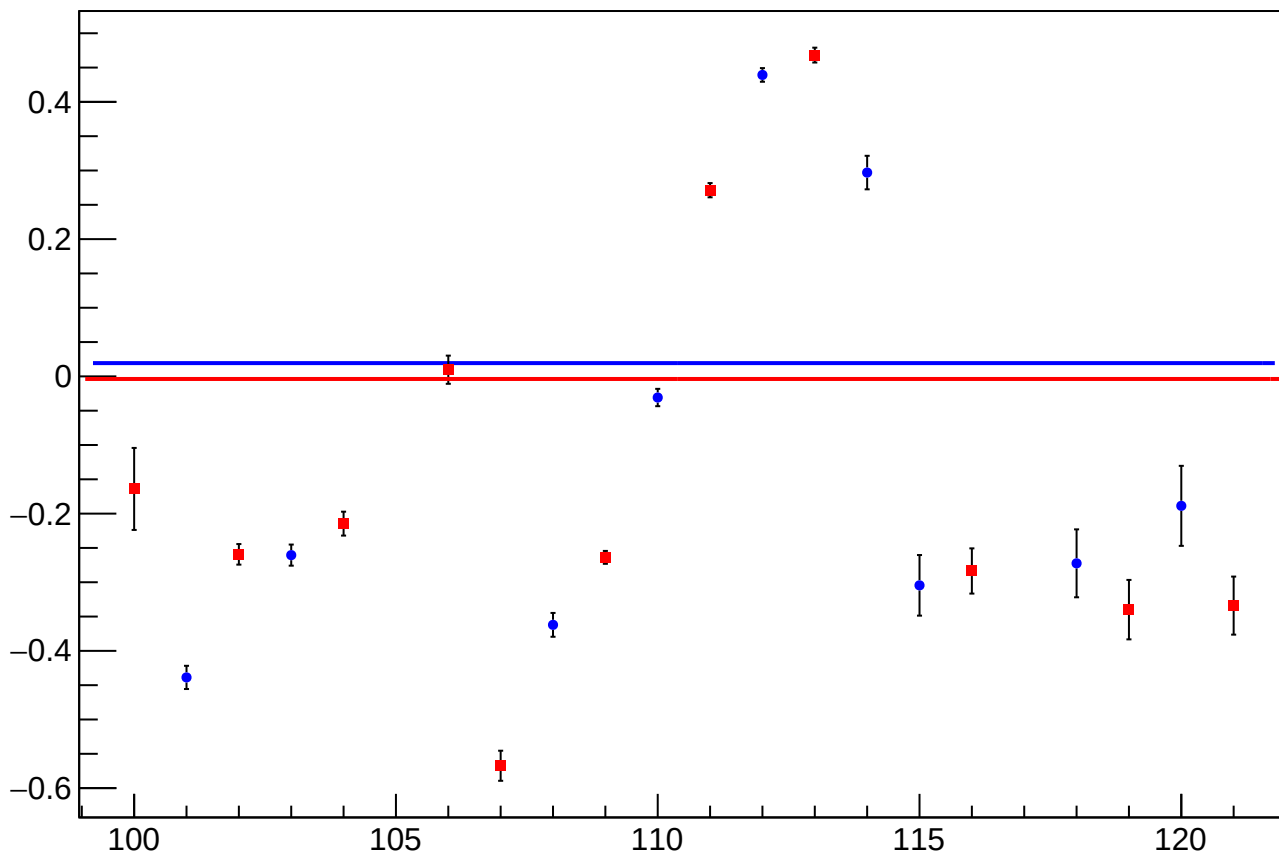
Right: 38.768 $\pm$ 0.065 χ^2 /NDF: 25944.3/19

In: 40.380 $\pm$ 0.099 χ^2 /NDF:11478.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.768 $\pm$ 0.065 χ^2 /NDF: 25944.3/19

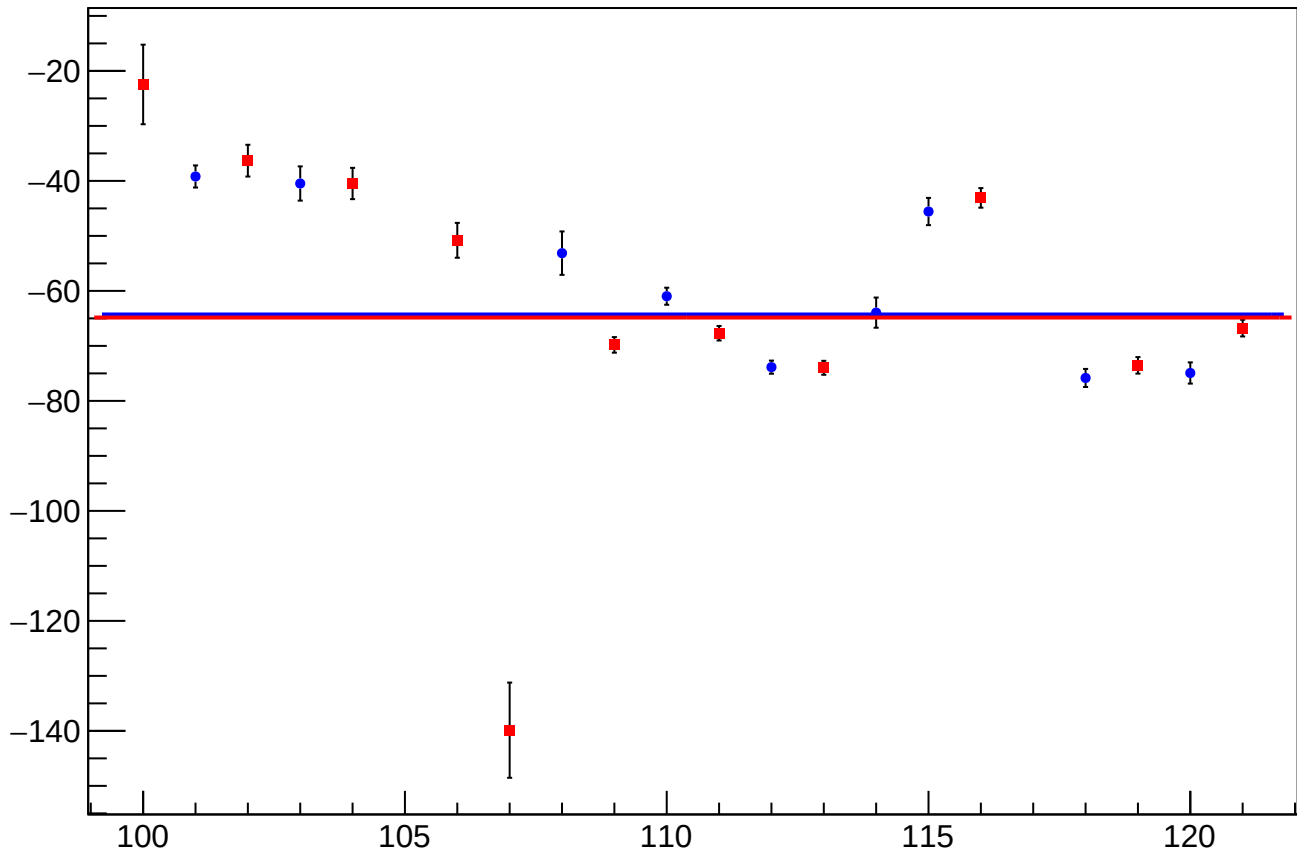
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.019+/-0.006 χ^2/NDF : 3575.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.004+/-0.005 χ^2/NDF : 4669.4/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.004 χ^2/NDF : 8253.9/19
 In: 0.019+/-0.006 χ^2/NDF :3575.0/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.006+/-0.004 χ^2/NDF : 8253.9/19

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.290 ± 0.636 $\chi^2/\text{NDF}: 428.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -64.842 ± 0.554 $\chi^2/\text{NDF}: 553.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

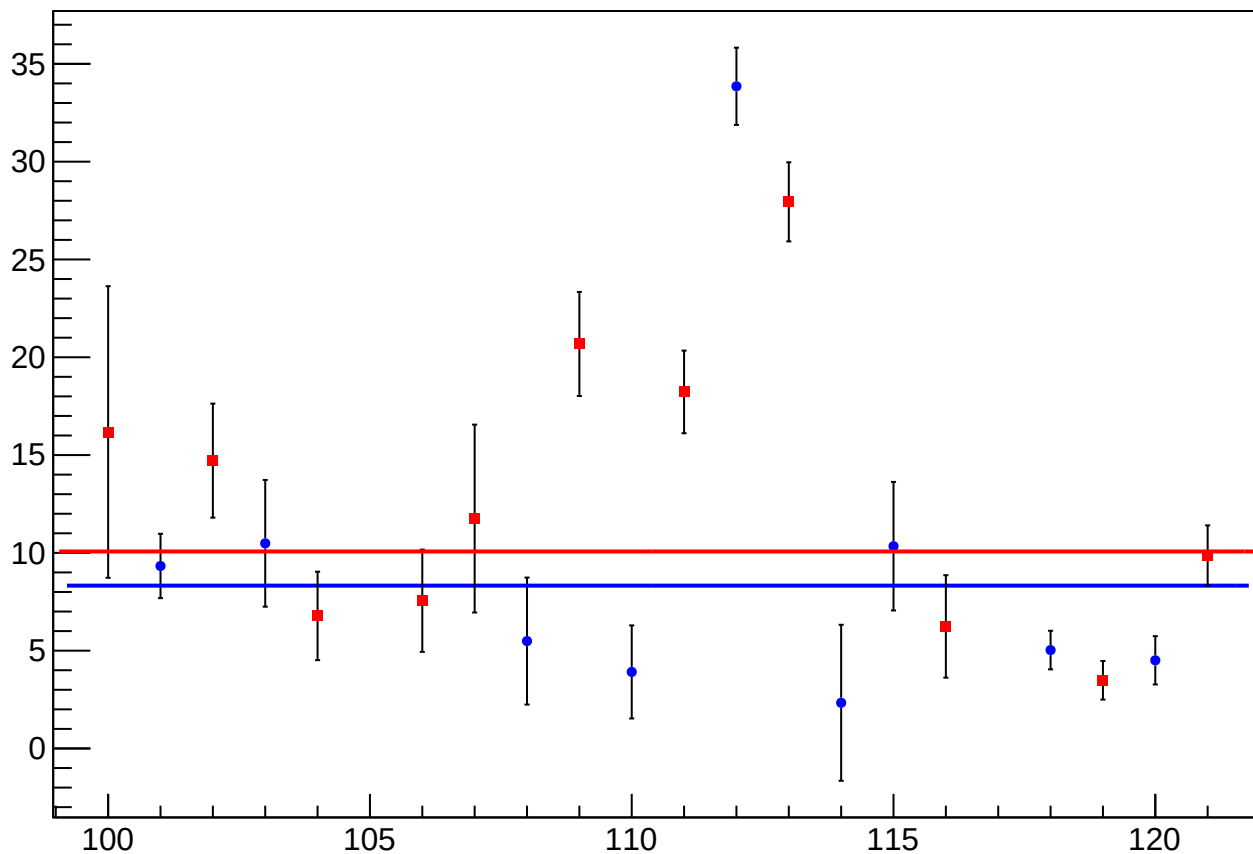
Right: -64.604 ± 0.418 $\chi^2/\text{NDF}: 981.9/19$

In: -64.290 ± 0.636 $\chi^2/\text{NDF}: 428.3/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -64.604 ± 0.418 $\chi^2/\text{NDF}: 981.9/19$

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.325+/-0.594 χ^2/NDF : 195.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.071+/-0.606 χ^2/NDF : 162.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

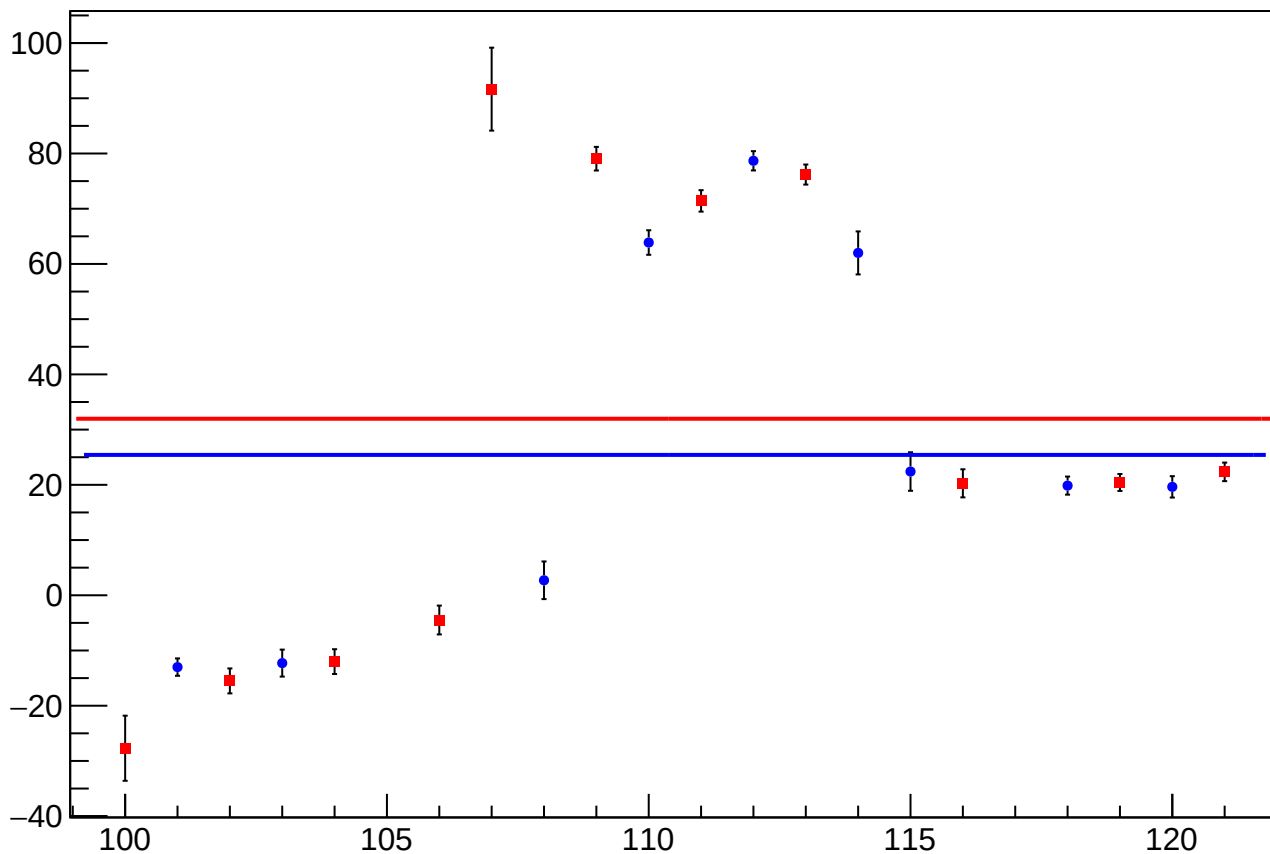
Right: 9.181+/-0.424 χ^2/NDF : 361.8/19

In: 8.325+/-0.594 χ^2/NDF : 195.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.181+/-0.424 χ^2/NDF : 361.8/19

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.420+/-0.711 χ^2 /NDF: 2218.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.969+/-0.658 χ^2 /NDF: 2785.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

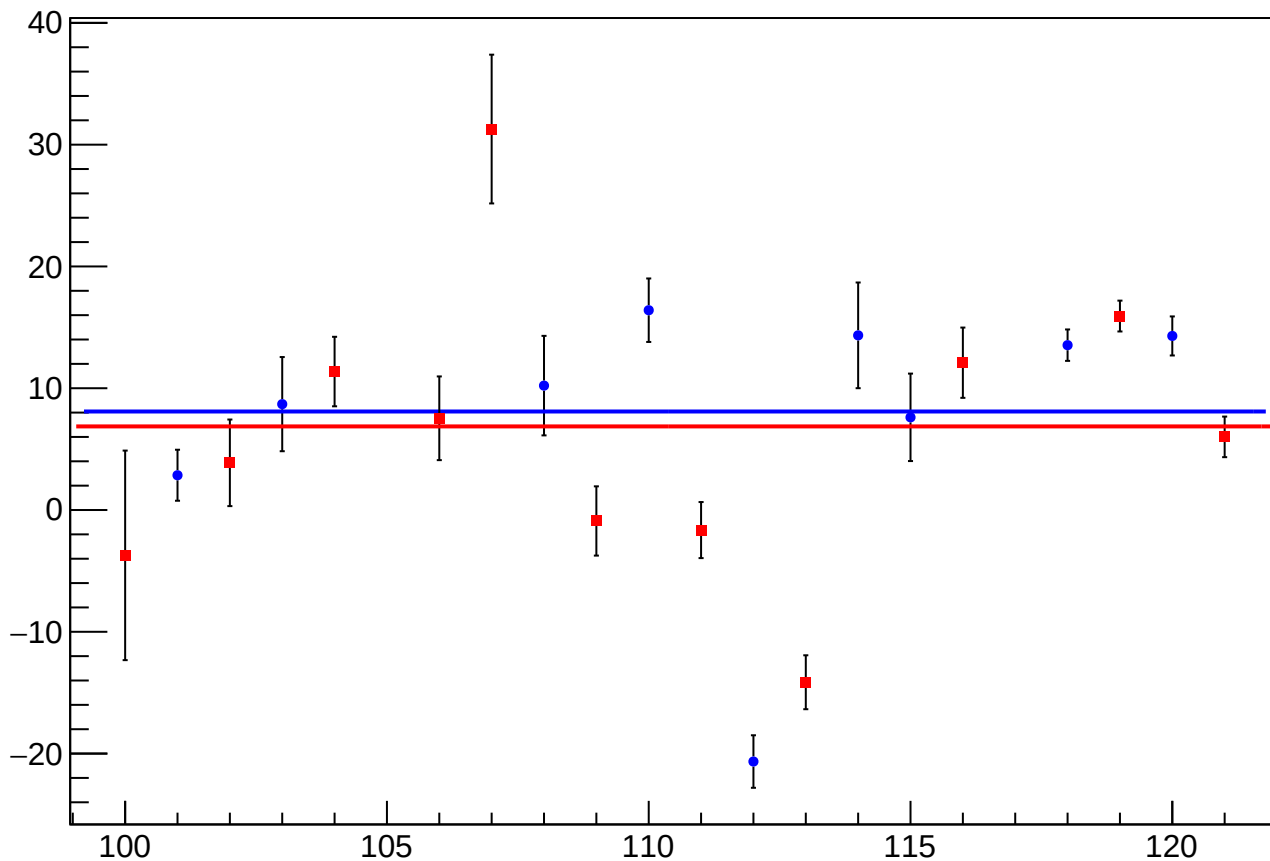
Right: 28.947+/-0.483 χ^2 /NDF: 5049.6/19

In: 25.420+/-0.711 χ^2 /NDF:2218.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 28.947+/-0.483 χ^2 /NDF: 5049.6/19

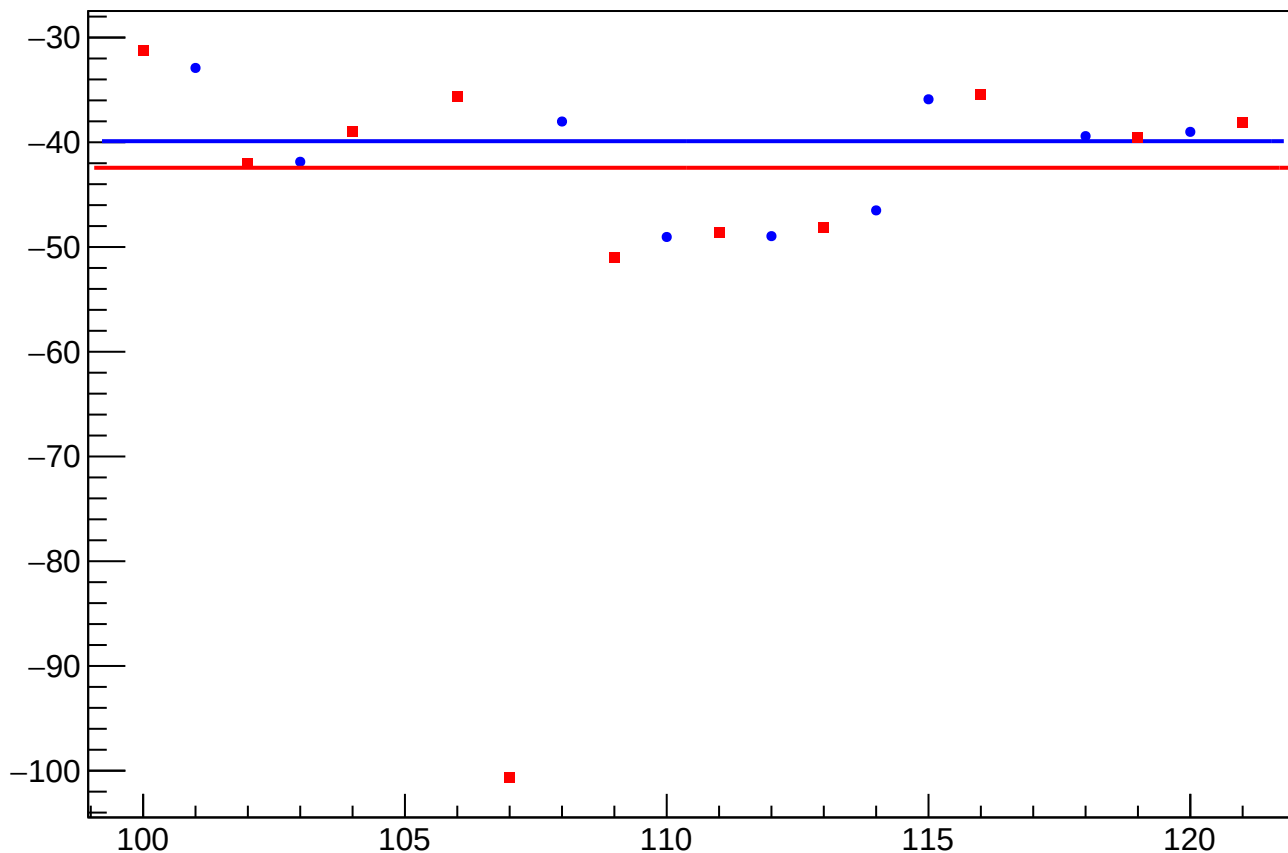
reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.090+/-0.738 χ^2/NDF : 229.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.865+/-0.717 χ^2/NDF : 186.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.460+/-0.514 χ^2/NDF : 417.3/19
 In: 8.090+/-0.738 χ^2/NDF : 229.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.460+/-0.514 χ^2/NDF : 417.3/19

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.895+/-0.046 χ^2/NDF : 13751.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.434+/-0.042 χ^2/NDF : 51064.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

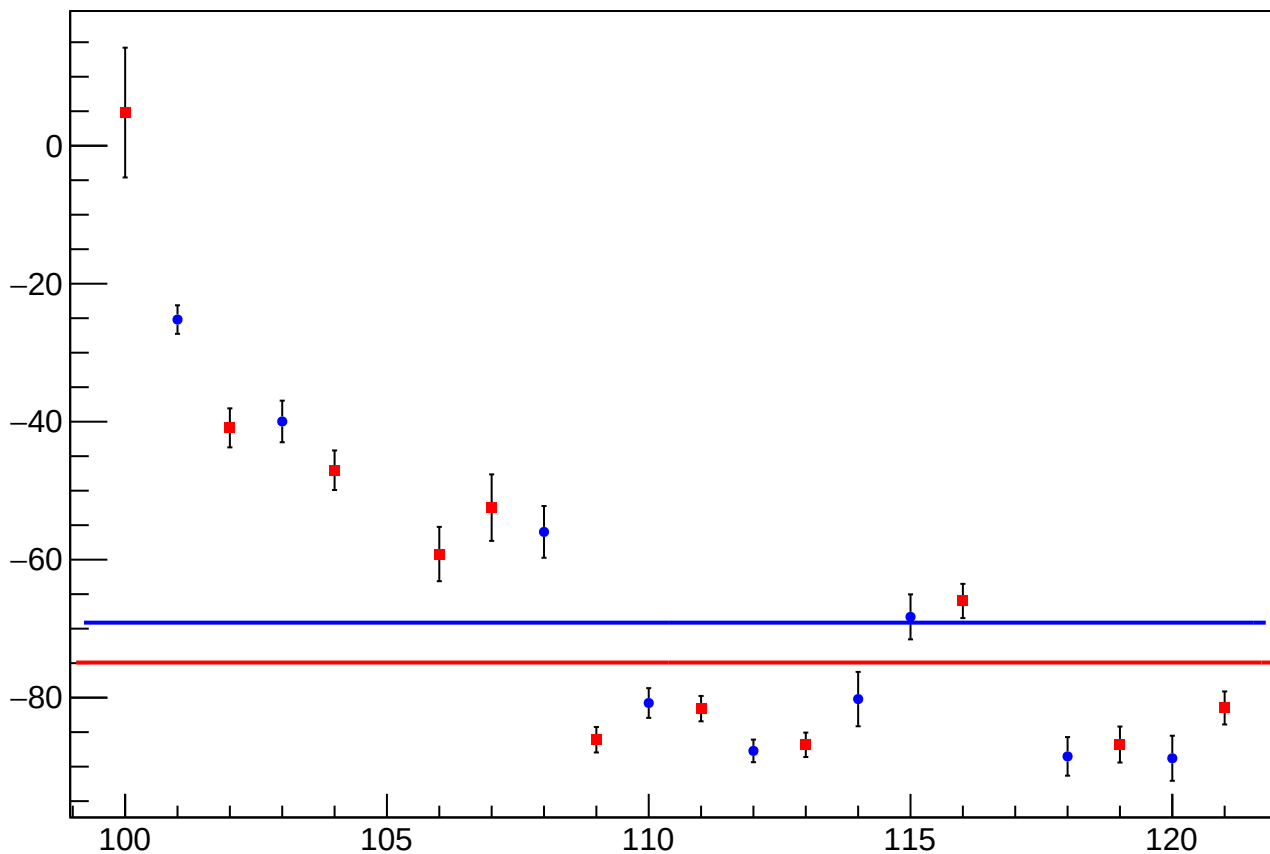
Right: -41.268+/-0.031 χ^2/NDF : 66465.6/19

In: -39.895+/-0.046 χ^2/NDF : 13751.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.268+/-0.031 χ^2/NDF : 66465.6/19

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -69.128 ± 0.850 χ^2/NDF : 806.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.911 ± 0.754 χ^2/NDF : 485.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

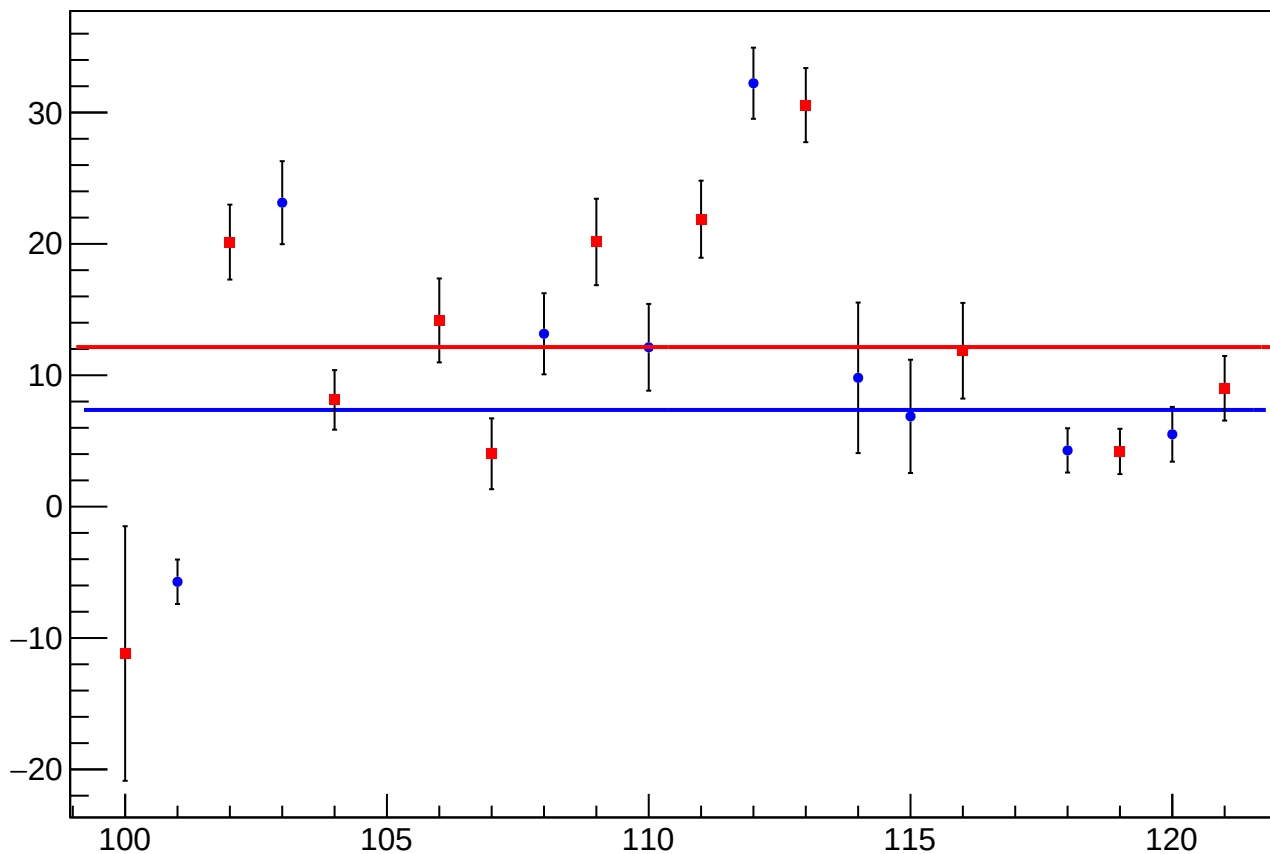
Right: -72.365 ± 0.564 χ^2/NDF : 1318.1/19

In: -69.128 ± 0.850 χ^2/NDF : 806.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.365 ± 0.564 χ^2/NDF : 1318.1/19

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.361+/-0.831 χ^2/NDF : 178.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12.149+/-0.823 χ^2/NDF : 108.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

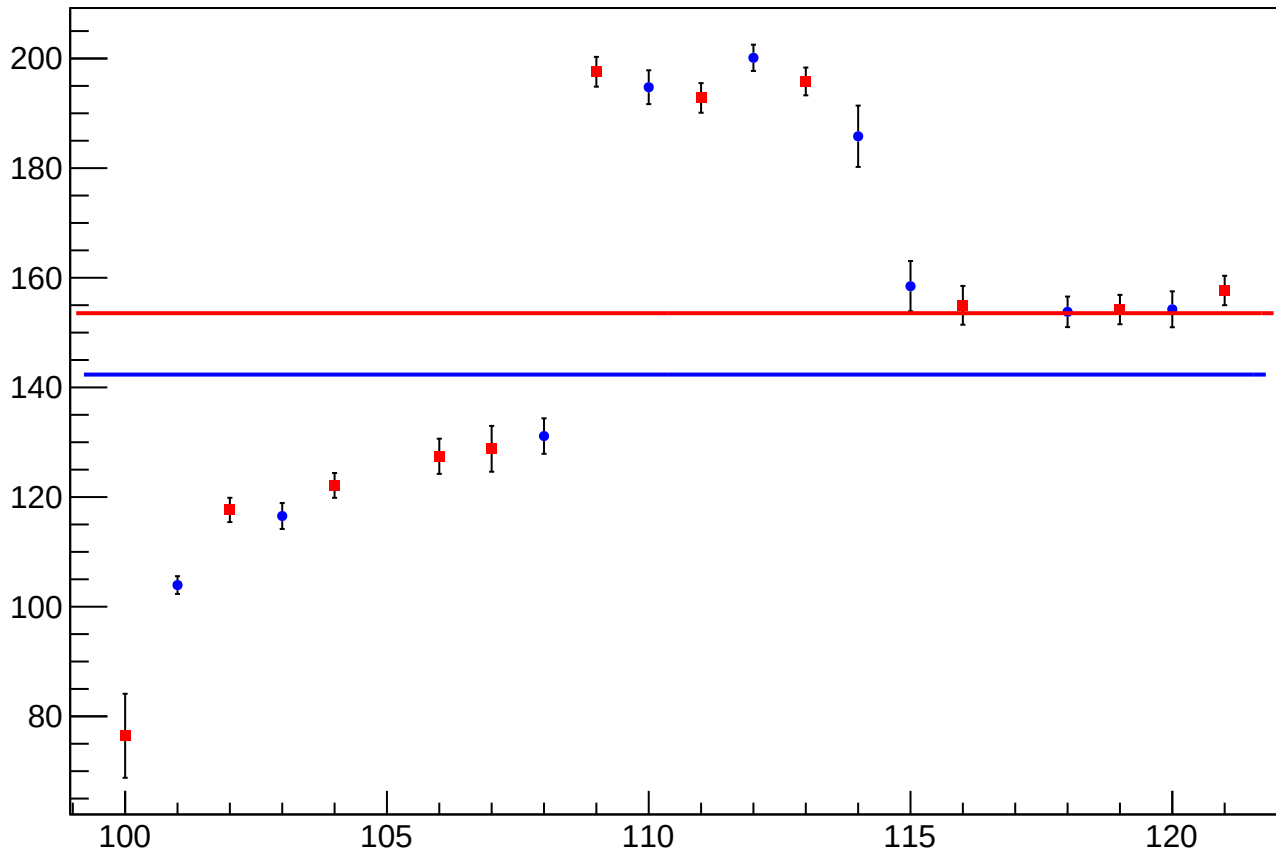
Right: 9.777+/-0.585 χ^2/NDF : 304.2/19

In: 7.361+/-0.831 χ^2/NDF :178.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.777+/-0.585 χ^2/NDF : 304.2/19

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 142.343+/-0.900 χ^2/NDF : 1665.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 153.538+/-0.858 χ^2/NDF : 1412.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

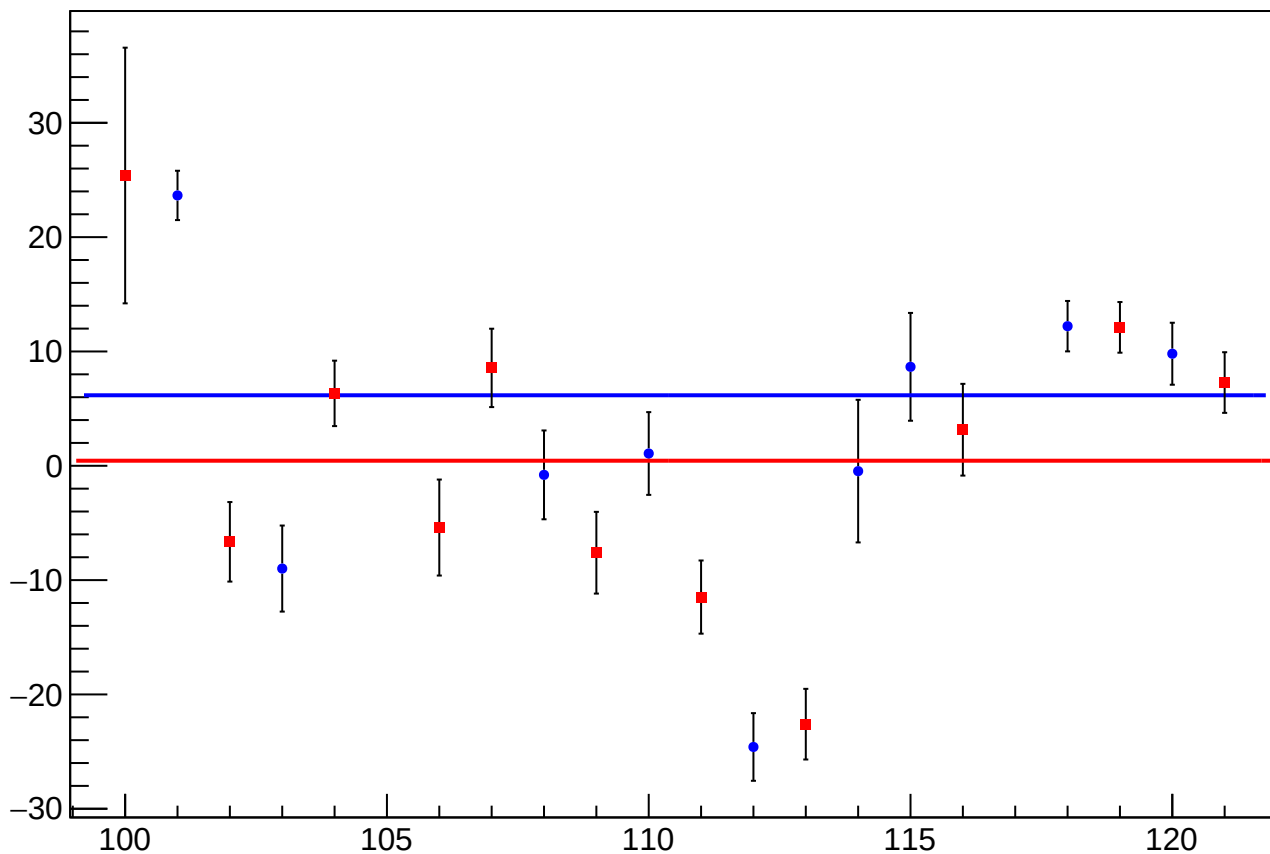
Right: 148.203+/-0.621 χ^2/NDF : 3159.3/19

In: 142.343+/-0.900 χ^2/NDF :1665.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 148.203+/-0.621 χ^2/NDF : 3159.3/19

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.168+/-1.024 χ^2/NDF : 205.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.444+/-0.979 χ^2/NDF : 130.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

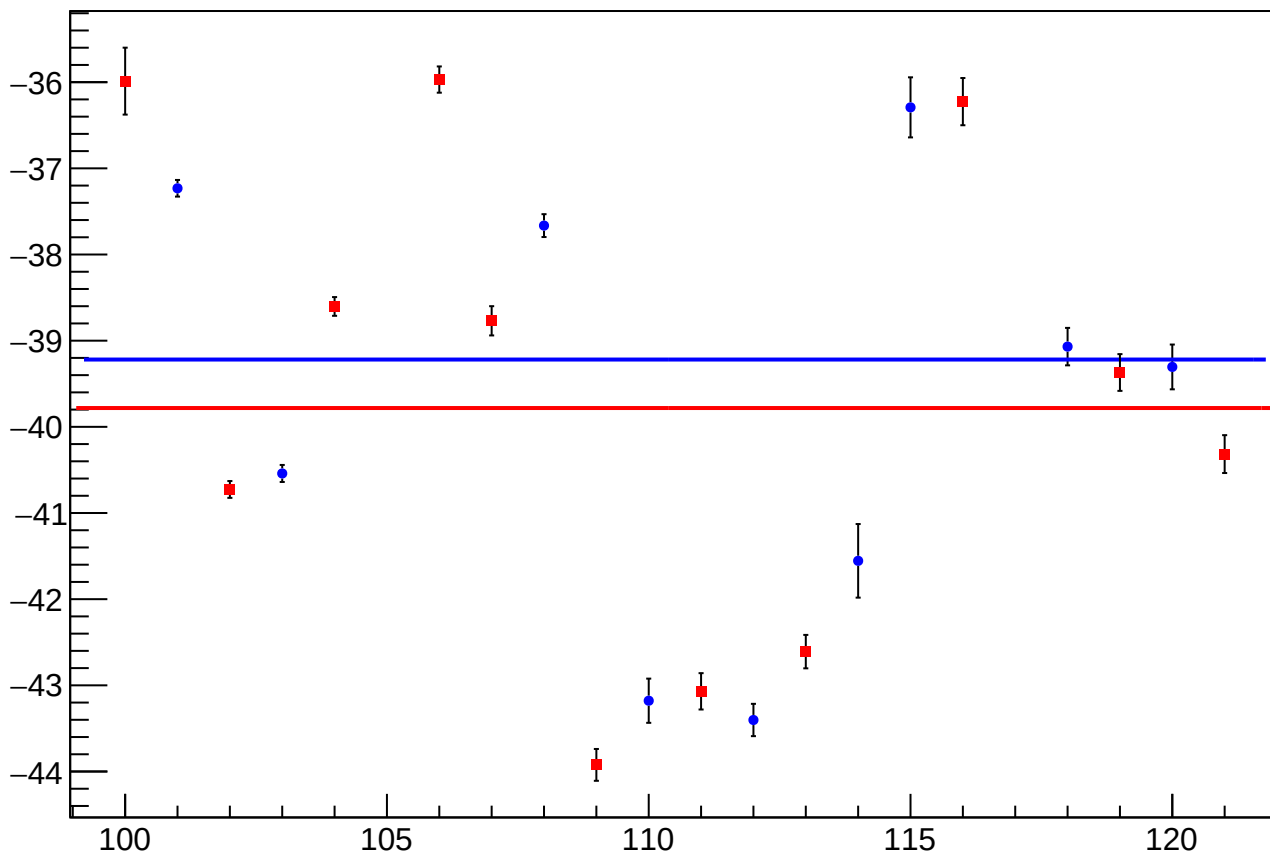
Right: 3.179+/-0.708 χ^2/NDF : 352.5/19

In: 6.168+/-1.024 χ^2/NDF : 205.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.179+/-0.708 χ^2/NDF : 352.5/19

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.219 $\pm$ 0.053 χ^2 /NDF: 1576.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.782 $\pm$ 0.049 χ^2 /NDF: 2104.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

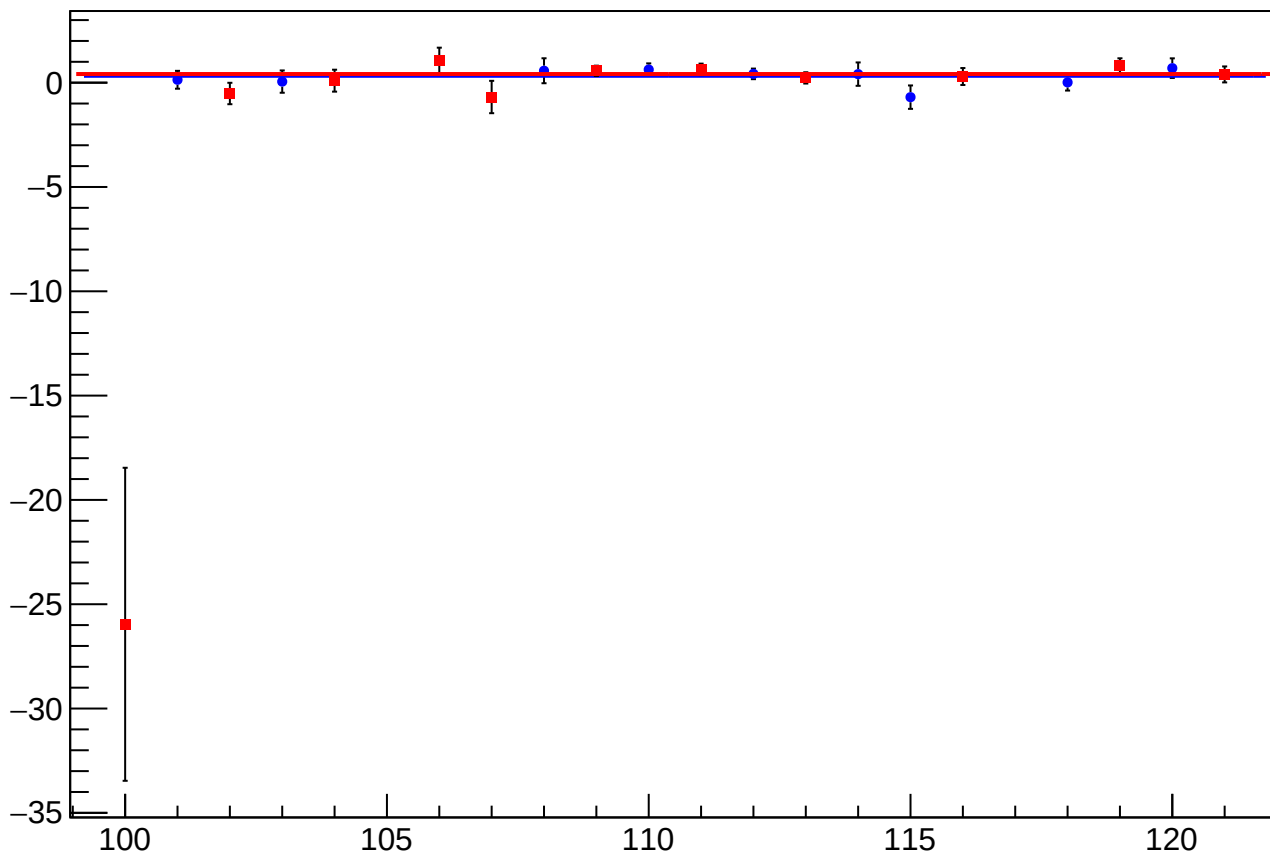
Right: -39.518 $\pm$ 0.036 χ^2 /NDF: 3742.2/19

In: -39.219 $\pm$ 0.053 χ^2 /NDF:1576.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.518 $\pm$ 0.036 χ^2 /NDF: 3742.2/19

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.330+/-0.134 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.414+/-0.115 χ^2/NDF : 22.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

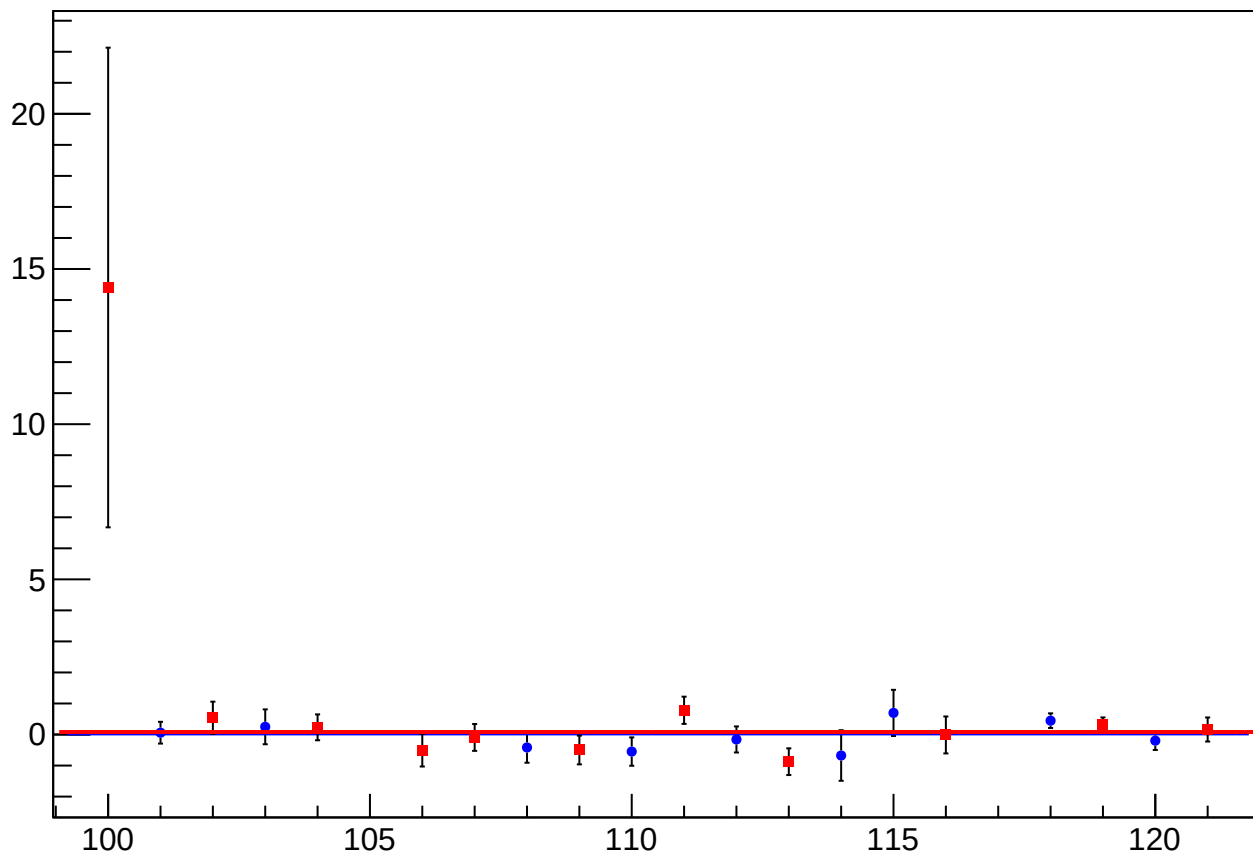
Right: 0.379+/-0.087 χ^2/NDF : 28.6/19

In: 0.330+/-0.134 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.379+/-0.087 χ^2/NDF : 28.6/19

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.036+/-0.131 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.081+/-0.128 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

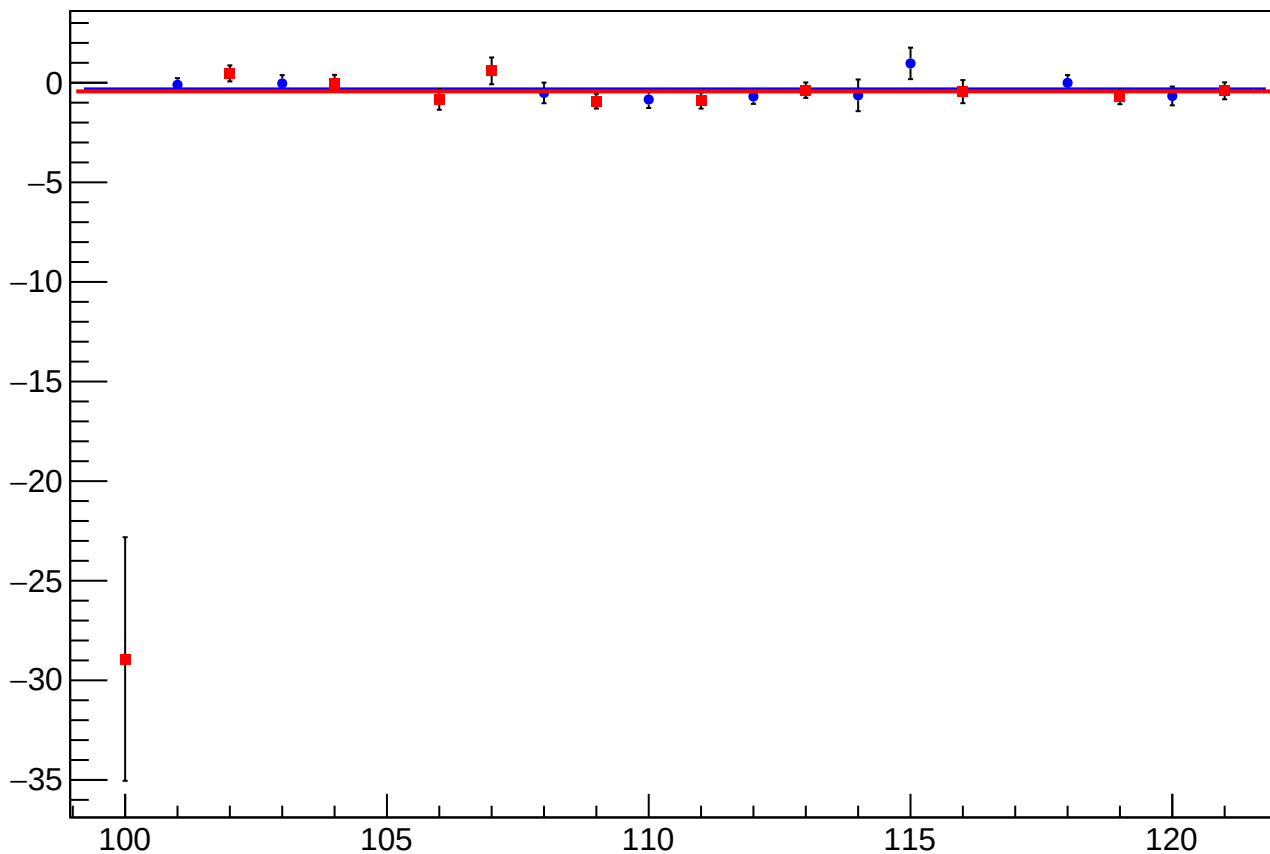
Right: 0.059+/-0.091 χ^2/NDF : 23.9/19

In: 0.036+/-0.131 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.091 χ^2/NDF : 23.9/19

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.334 $\pm$ 0.149 χ^2 /NDF: 7.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.433 $\pm$ 0.136 χ^2 /NDF: 34.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

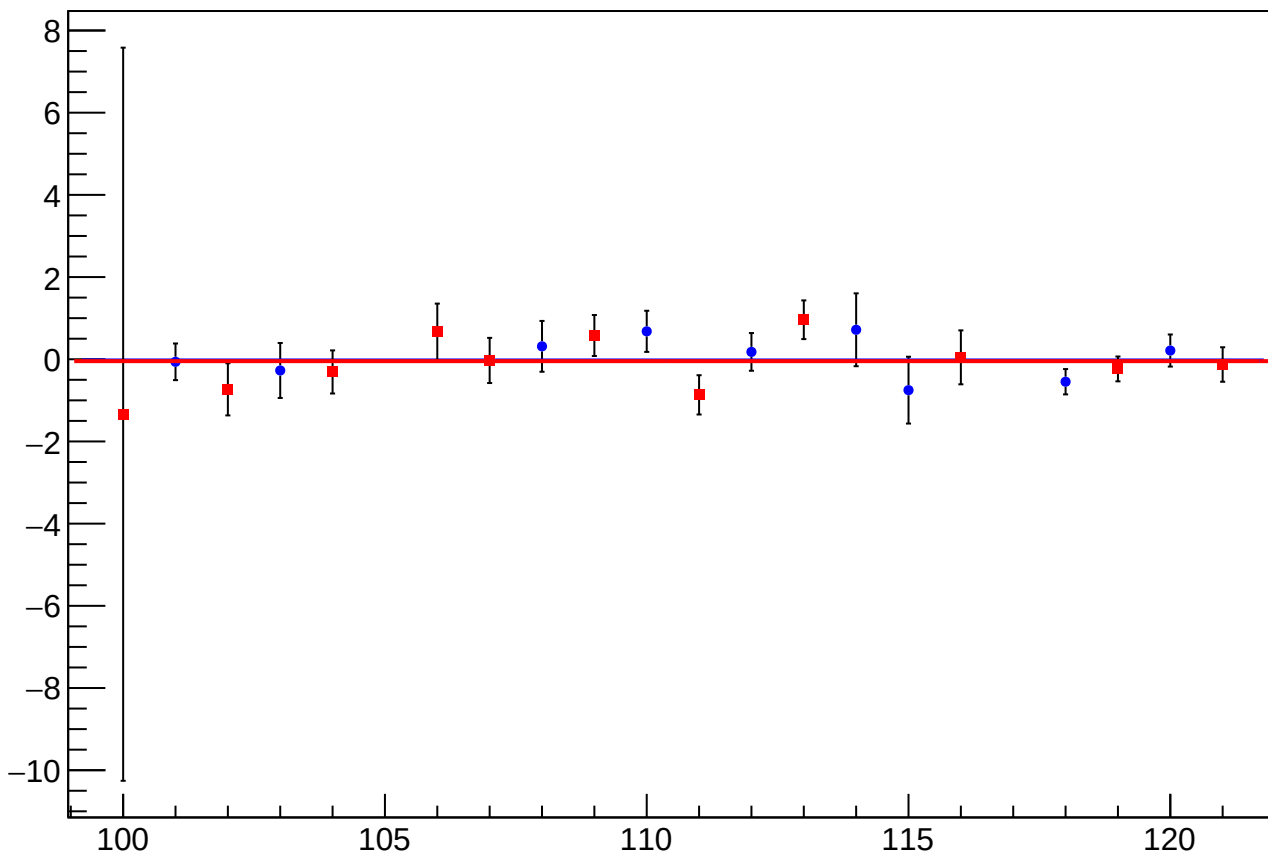
Right: -0.388 $\pm$ 0.100 χ^2 /NDF: 42.1/19

In: -0.334 $\pm$ 0.149 χ^2 /NDF:7.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.388 $\pm$ 0.100 χ^2 /NDF: 42.1/19

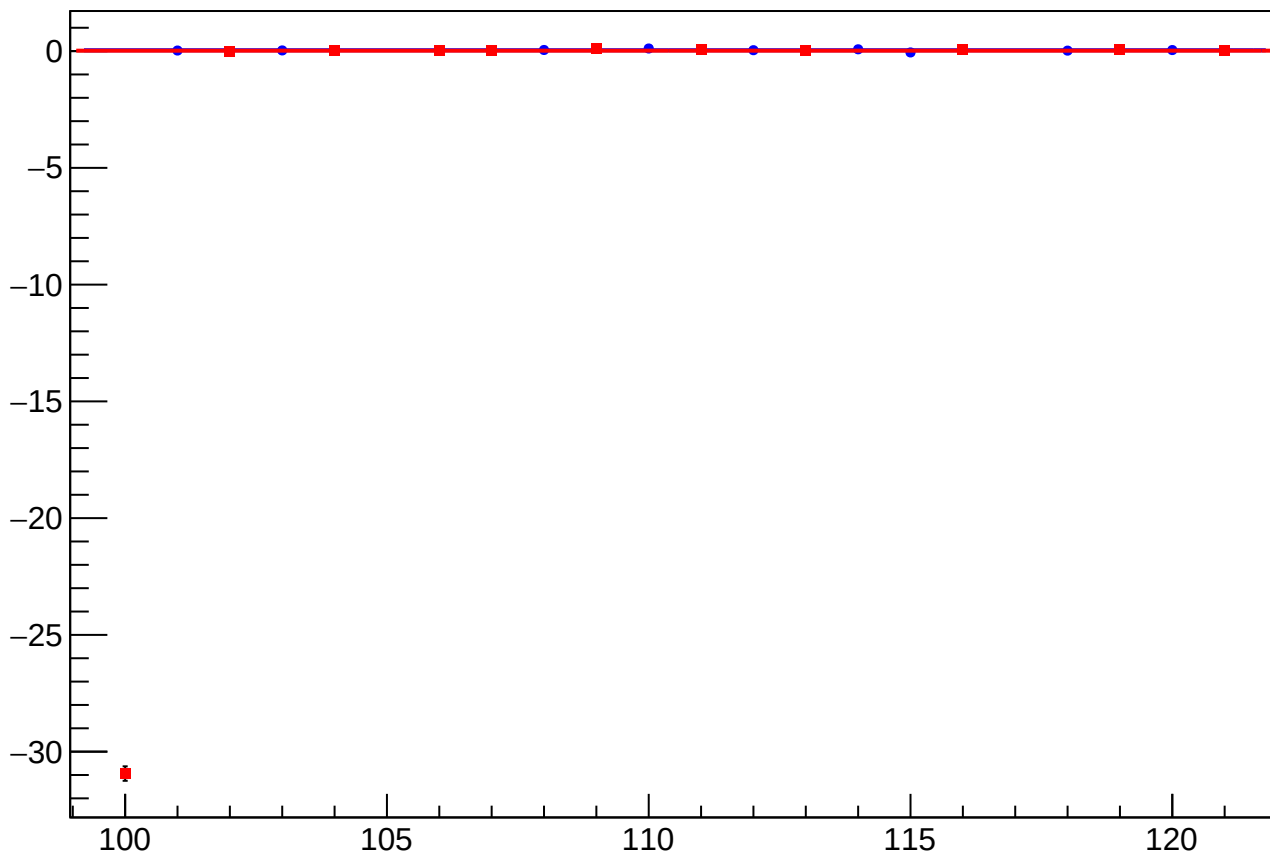
reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.029 ± 0.161 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.046 ± 0.152 $\chi^2/\text{NDF}: 12.0/10$
 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: -0.038 ± 0.110 $\chi^2/\text{NDF}: 19.4/19$
 In: -0.029 ± 0.161 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.038 ± 0.110 $\chi^2/\text{NDF}: 19.4/19$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.038+/-0.009 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.008 χ^2/NDF : 10009.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

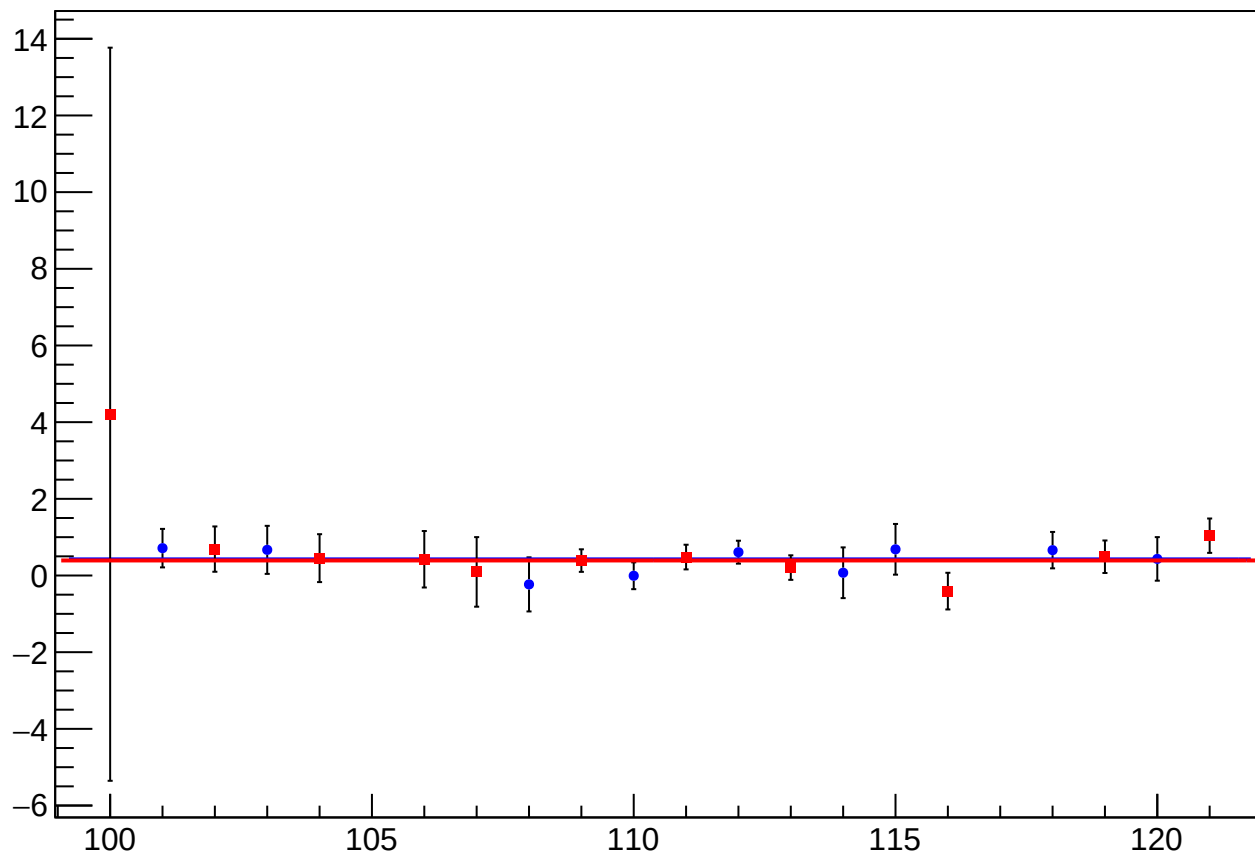
Right: 0.027+/-0.006 χ^2/NDF : 10020.0/19

In: 0.038+/-0.009 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.006 χ^2/NDF : 10020.0/19

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.421+/-0.158 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.393+/-0.136 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

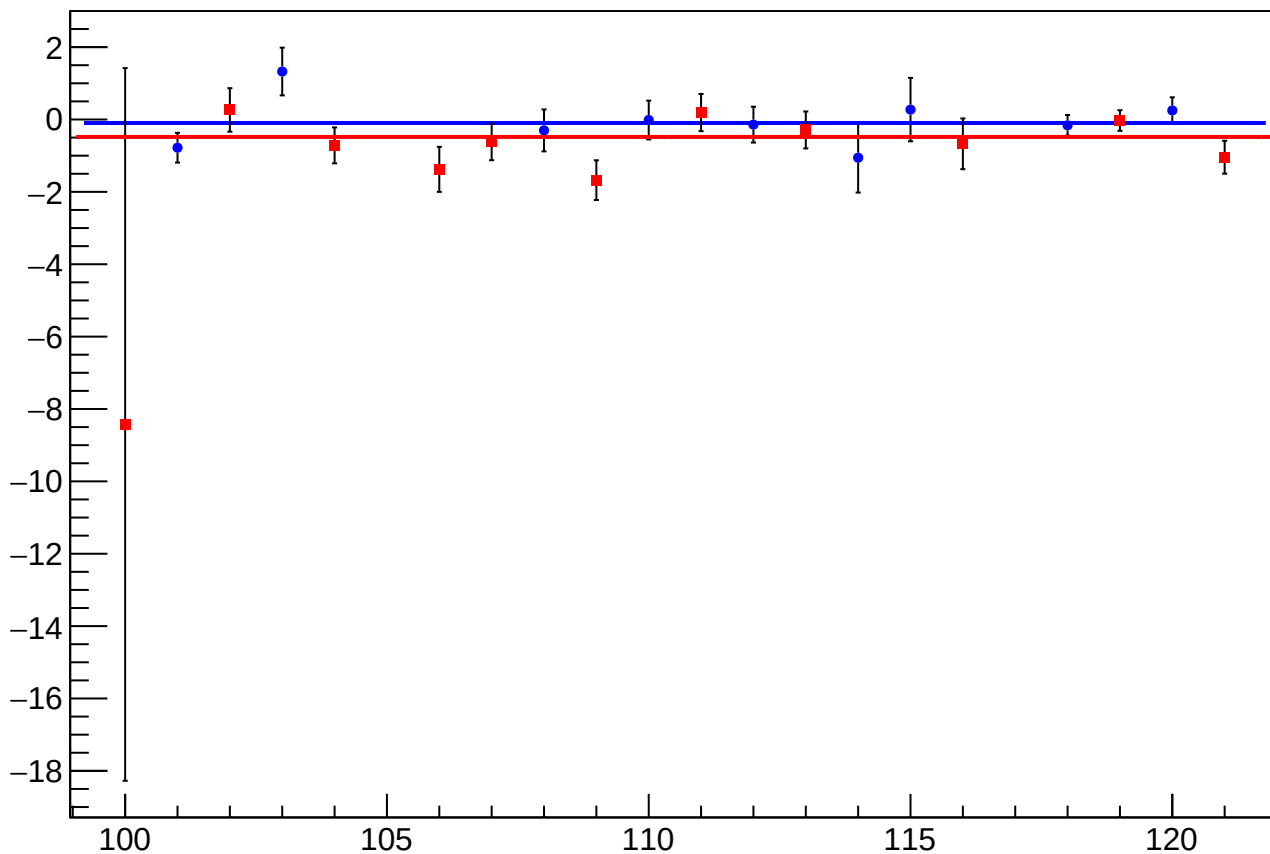
Right: 0.404+/-0.103 χ^2/NDF : 9.8/19

In: 0.421+/-0.158 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.404+/-0.103 χ^2/NDF : 9.8/19

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.096 ± 0.156 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.482 ± 0.152 χ^2/NDF : 15.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

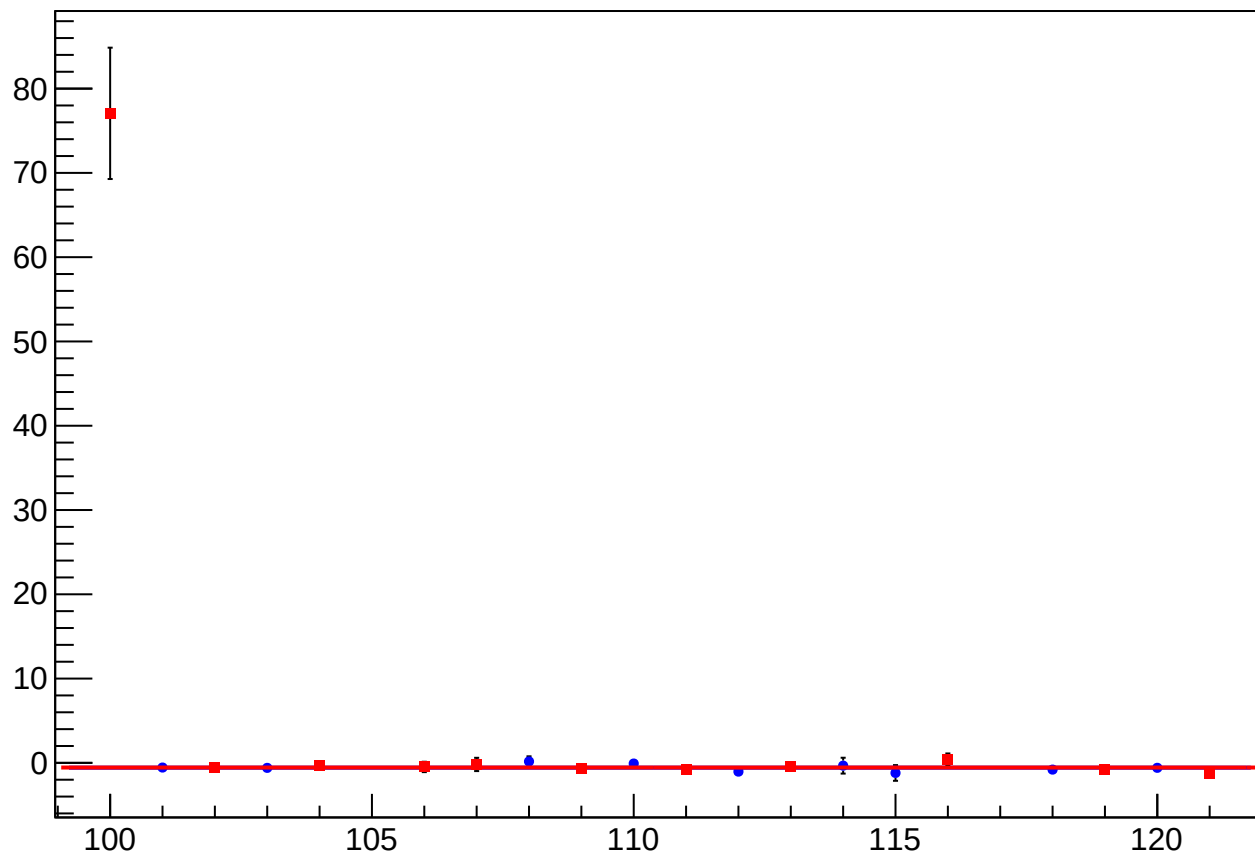
Right: -0.295 ± 0.109 χ^2/NDF : 28.1/19

In: -0.096 ± 0.156 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.295 ± 0.109 χ^2/NDF : 28.1/19

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.573 ± 0.176 χ^2/NDF : 4.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.555 ± 0.160 χ^2/NDF : 104.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

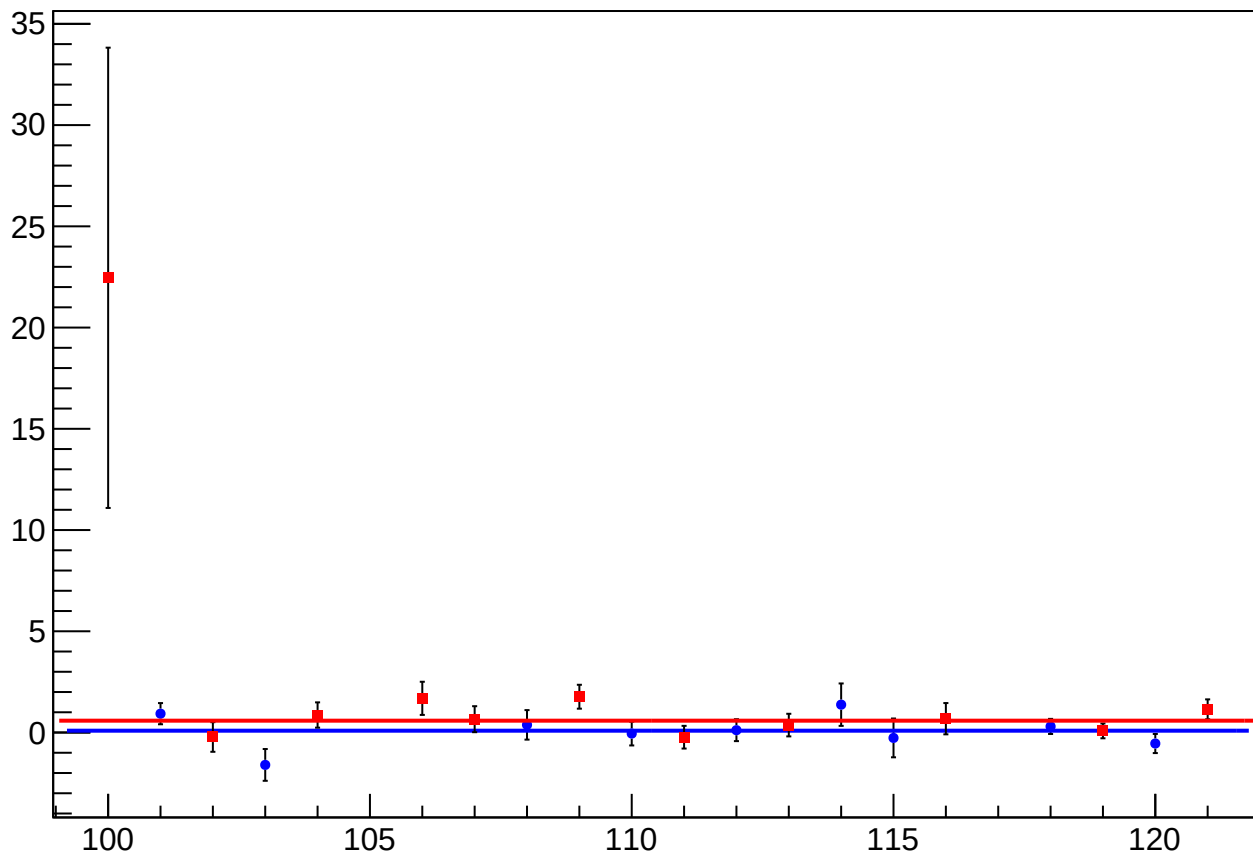
Right: -0.563 ± 0.119 χ^2/NDF : 108.7/19

In: -0.573 ± 0.176 χ^2/NDF : 4.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.563 ± 0.119 χ^2/NDF : 108.7/19

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.192 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.585+/-0.180 χ^2/NDF : 16.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

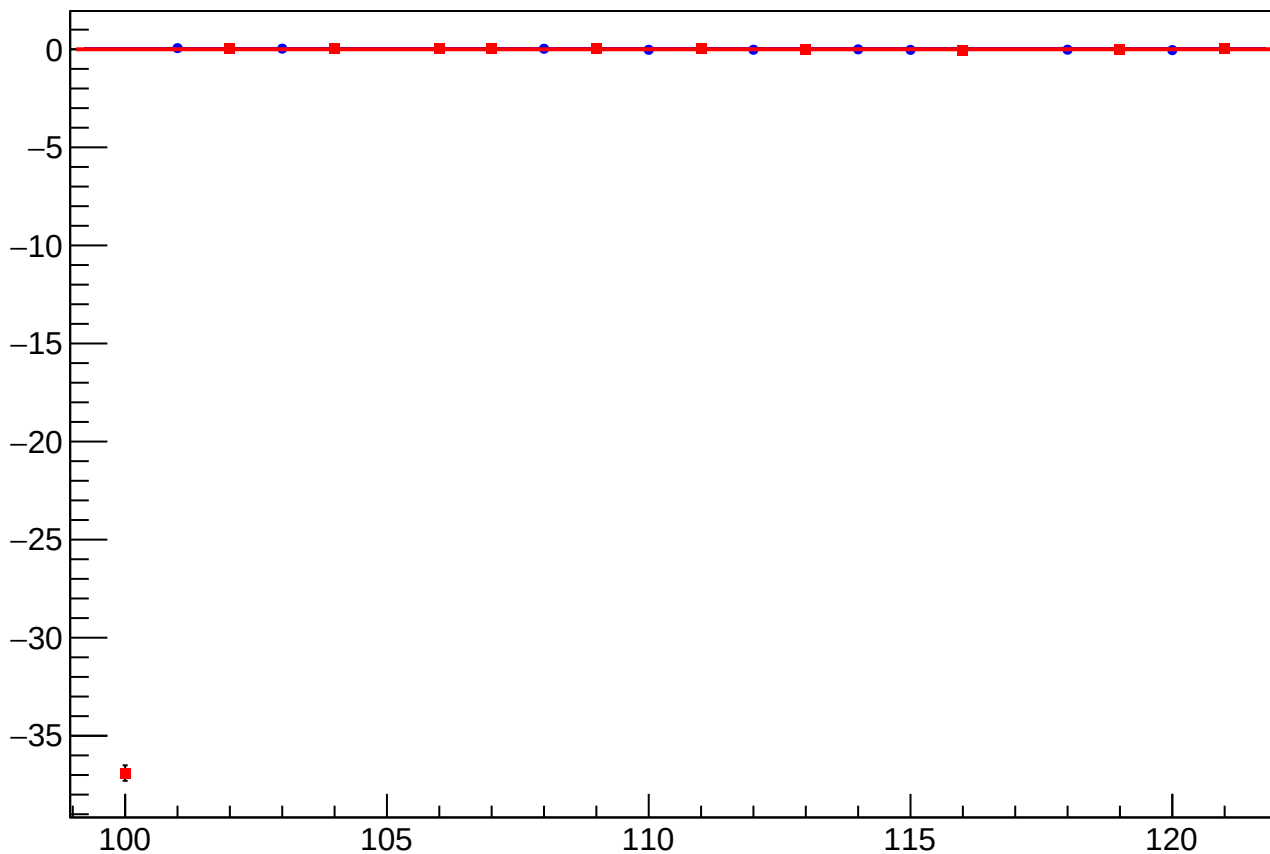
Right: 0.353+/-0.131 χ^2/NDF : 31.2/19

In: 0.090+/-0.192 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.353+/-0.131 χ^2/NDF : 31.2/19

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.011 χ^2 /NDF: 9.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.010 χ^2 /NDF: 8745.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

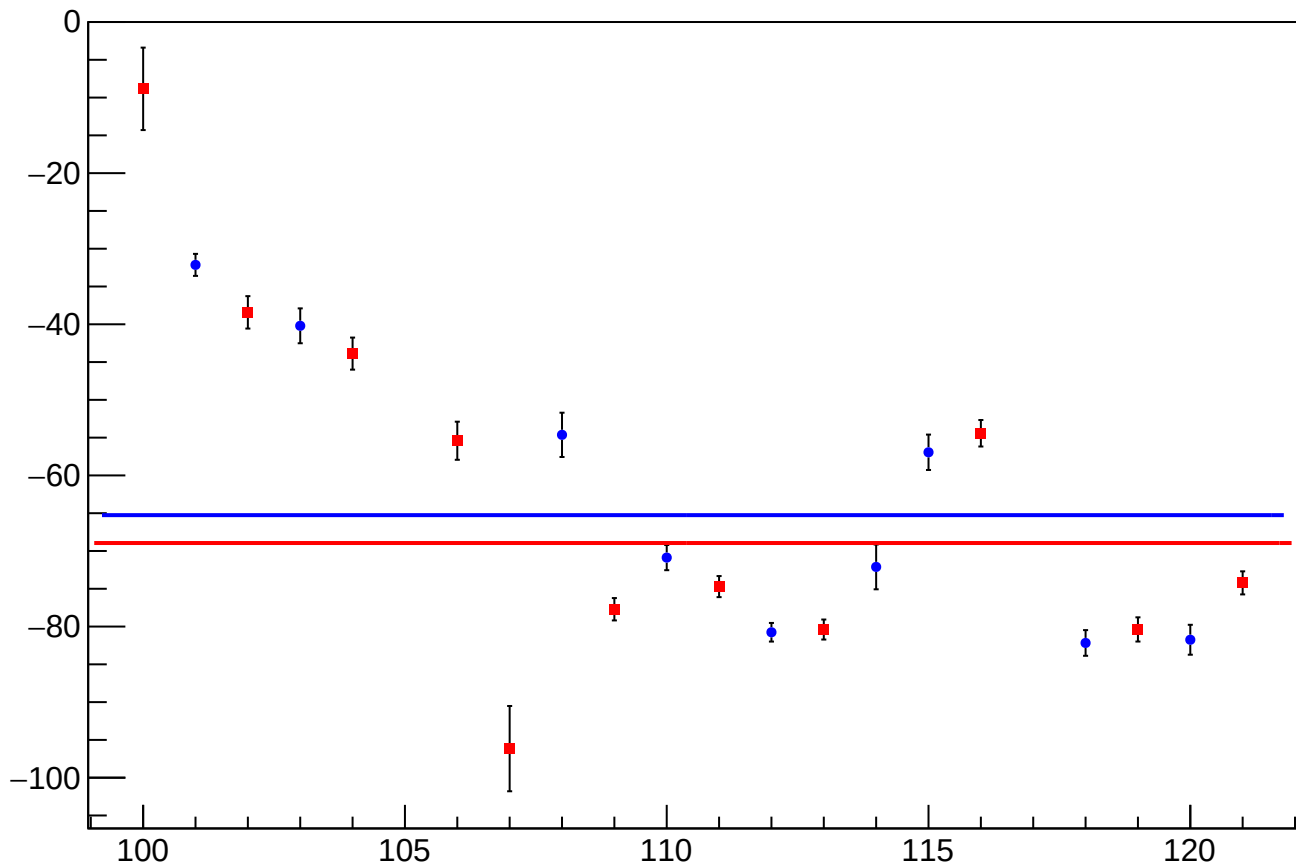
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 8756.5/19

In: 0.016 $\pm$ 0.011 χ^2 /NDF:9.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 8756.5/19

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.256+/-0.609 χ^2/NDF : 1003.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.945+/-0.547 χ^2/NDF : 774.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

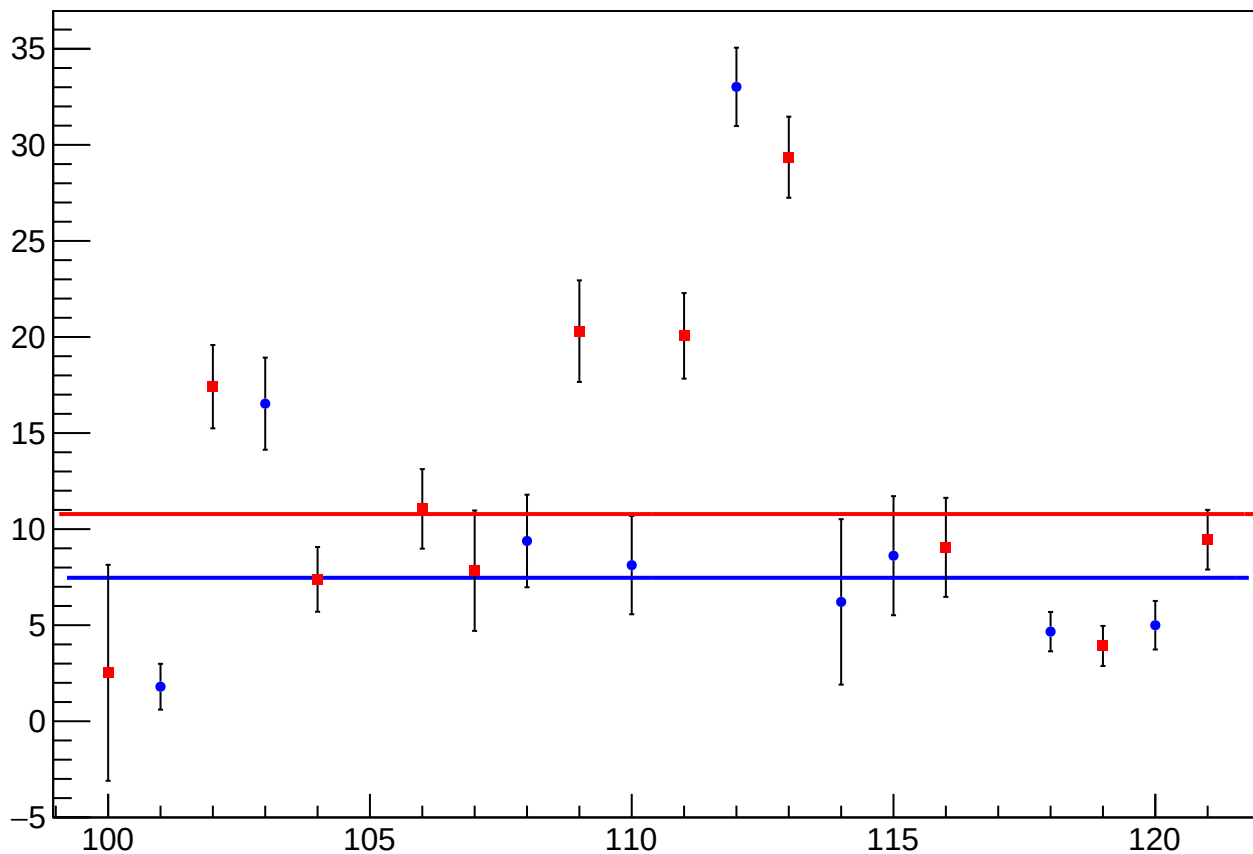
Right: -67.301+/-0.407 χ^2/NDF : 1798.2/19

In: -65.256+/-0.609 χ^2/NDF : 1003.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.301+/-0.407 χ^2/NDF : 1798.2/19

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.561 χ^2/NDF : 206.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.783+/-0.579 χ^2/NDF : 168.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

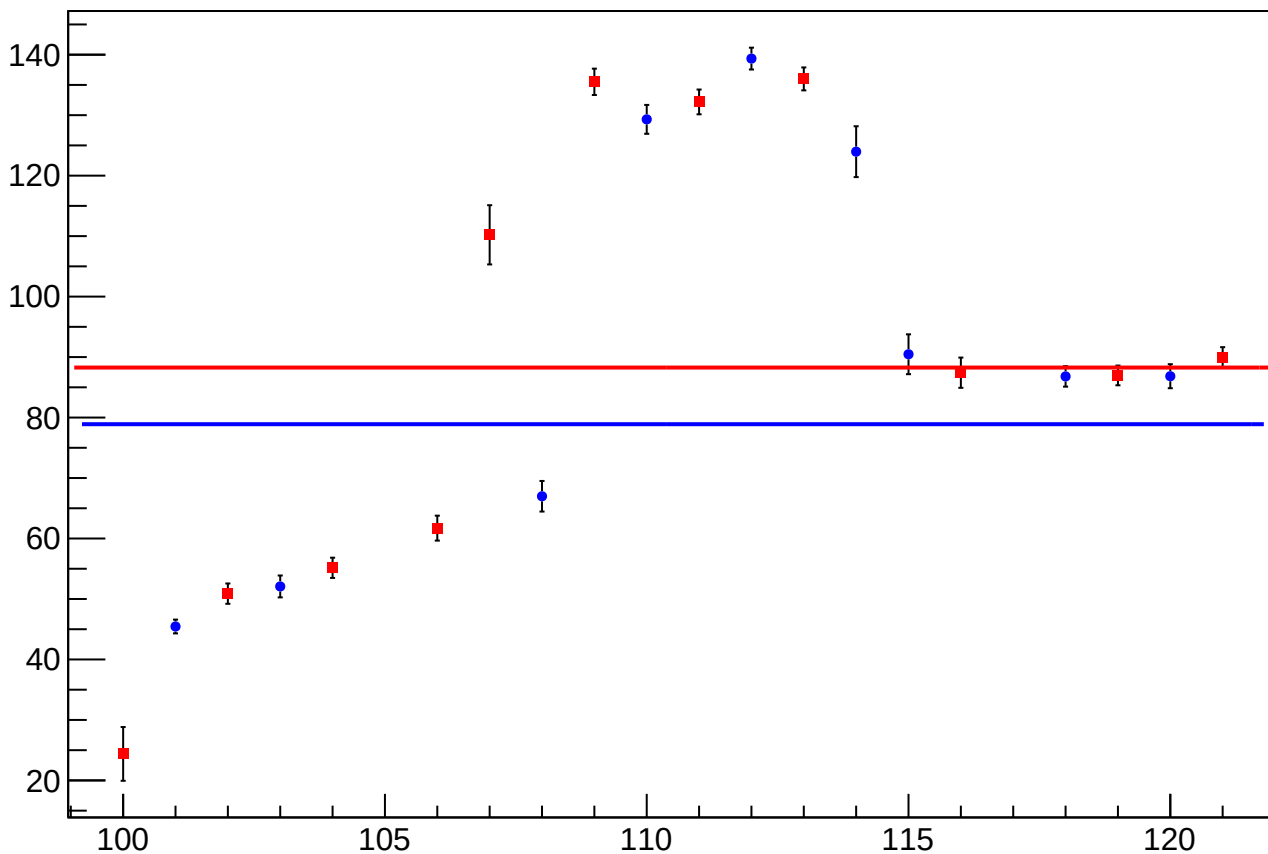
Right: 9.072+/-0.403 χ^2/NDF : 391.8/19

In: 7.467+/-0.561 χ^2/NDF : 206.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.072+/-0.403 χ^2/NDF : 391.8/19

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 78.901+/-0.637 χ^2/NDF : 2835.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.268+/-0.614 χ^2/NDF : 2844.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

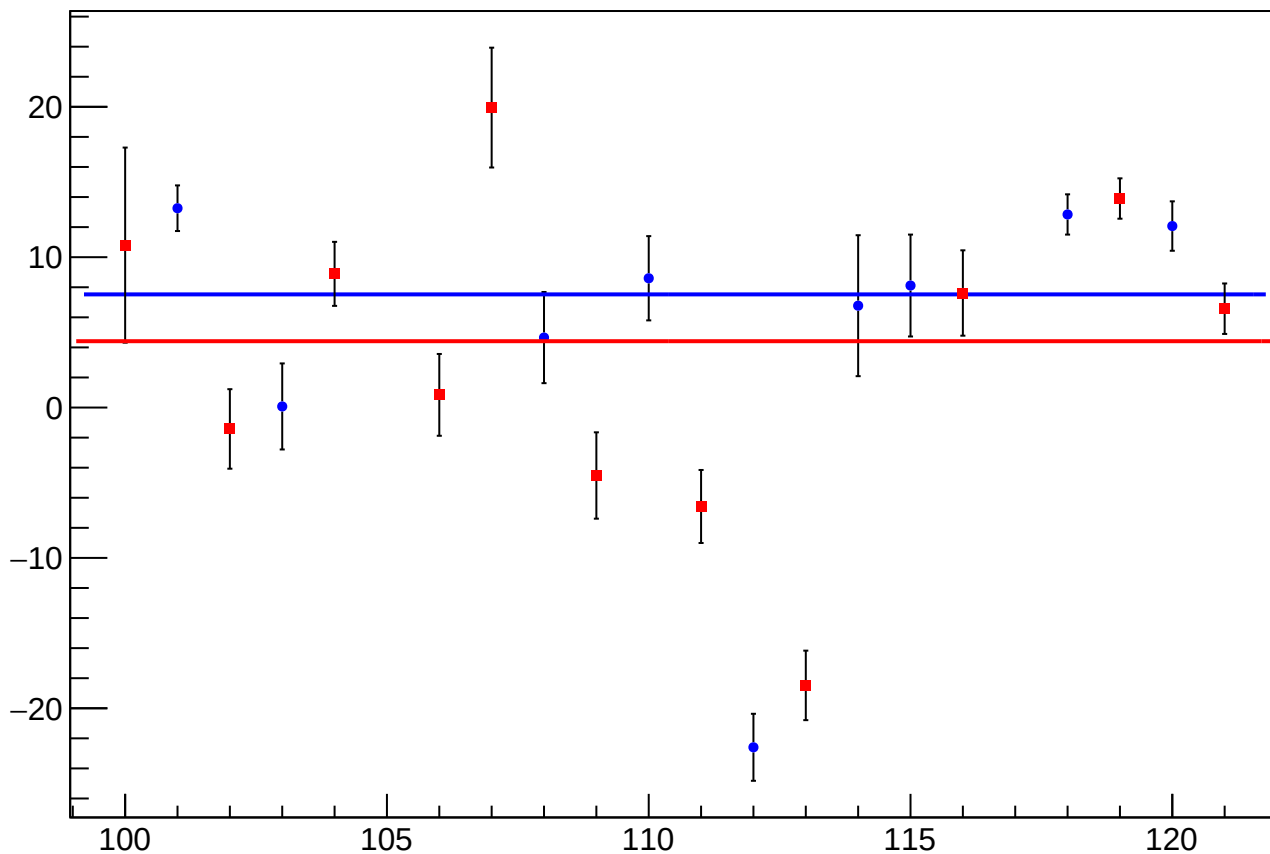
Right: 83.755+/-0.442 χ^2/NDF : 5791.9/19

In: 78.901+/-0.637 χ^2/NDF : 2835.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.755+/-0.442 χ^2/NDF : 5791.9/19

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.526+/-0.698 χ^2/NDF : 228.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.413+/-0.690 χ^2/NDF : 208.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

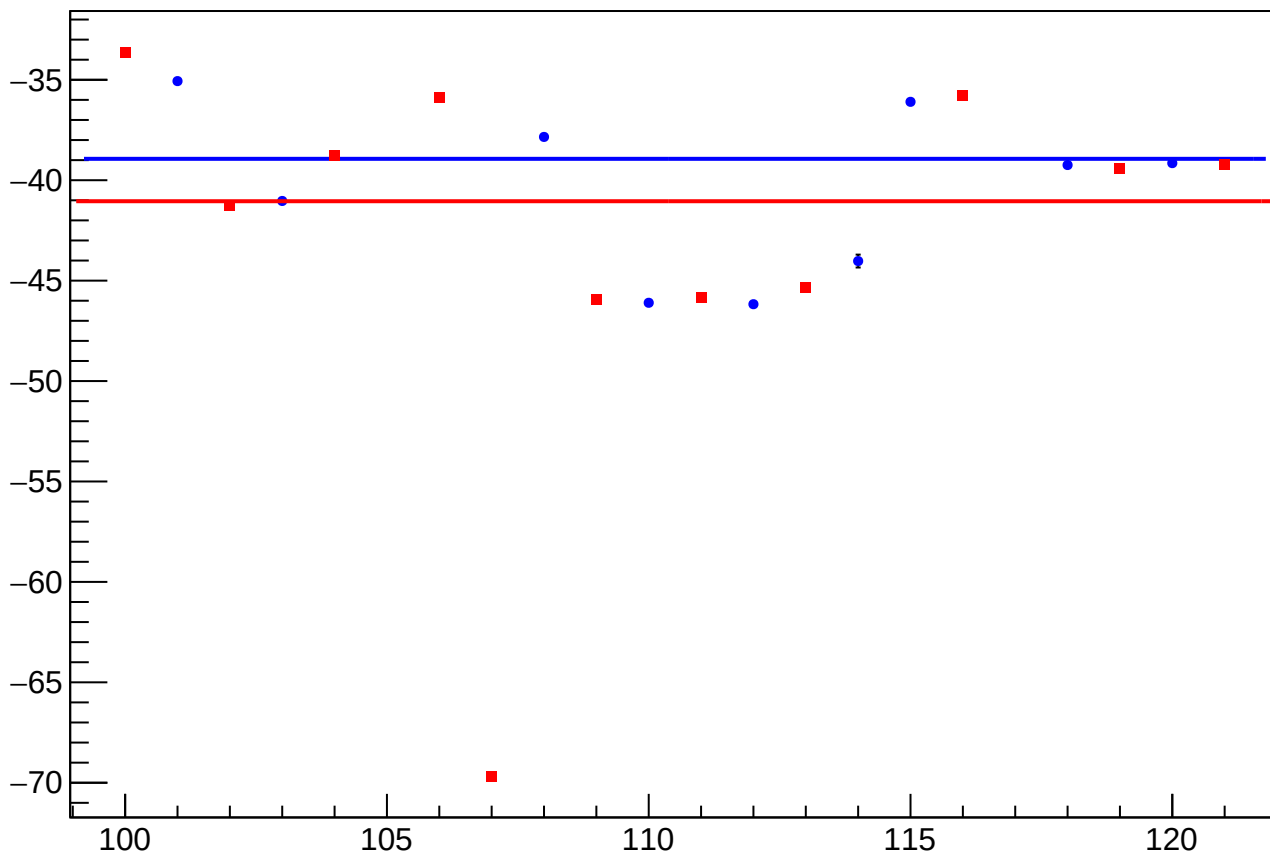
Right: 5.953+/-0.491 χ^2/NDF : 446.7/19

In: 7.526+/-0.698 χ^2/NDF : 228.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.953+/-0.491 χ^2/NDF : 446.7/19

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.935+/-0.038 χ^2/NDF : 8442.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.046+/-0.036 χ^2/NDF : 29393.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

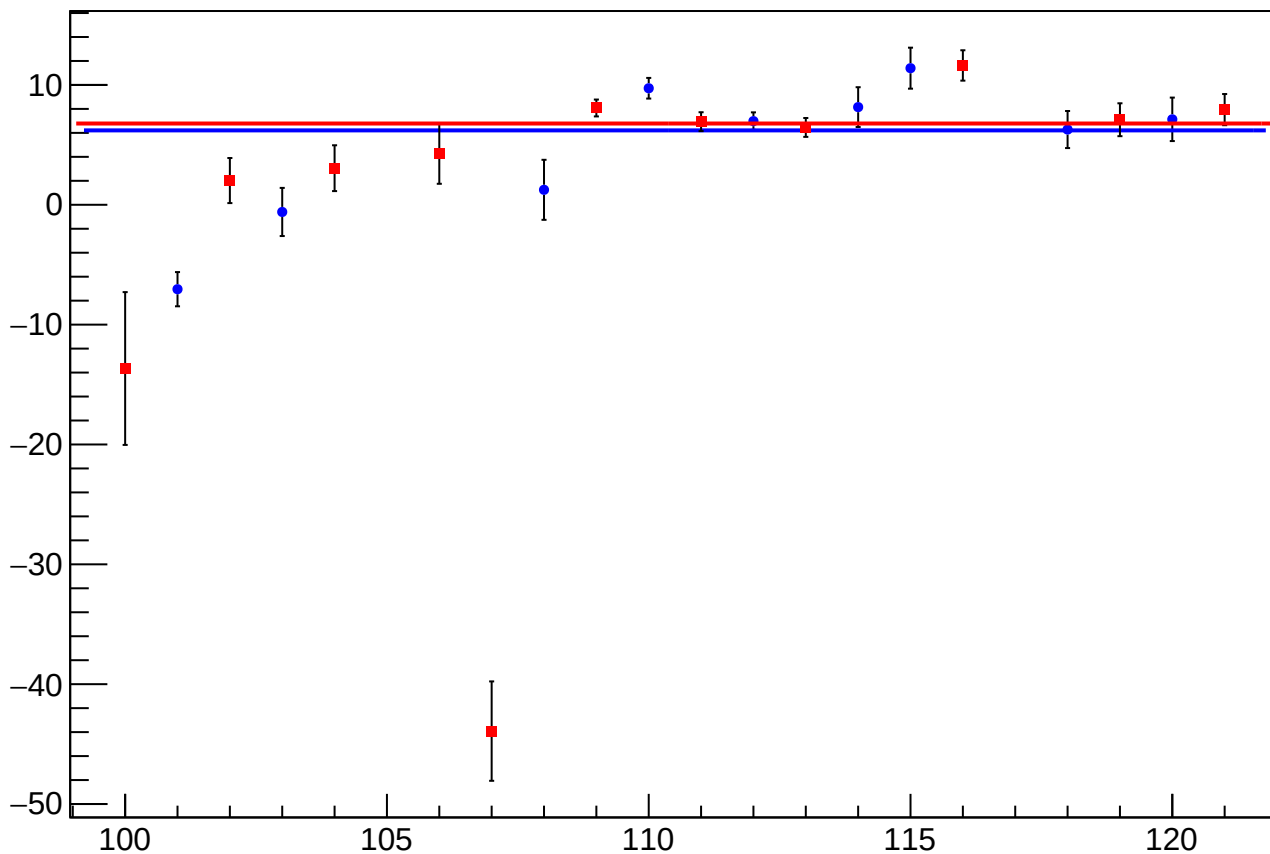
Right: -40.045+/-0.026 χ^2/NDF : 39435.3/19

In: -38.935+/-0.038 χ^2/NDF : 8442.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.045+/-0.026 χ^2/NDF : 39435.3/19

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.208+/-0.424 χ^2/NDF : 130.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.781+/-0.358 χ^2/NDF : 190.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

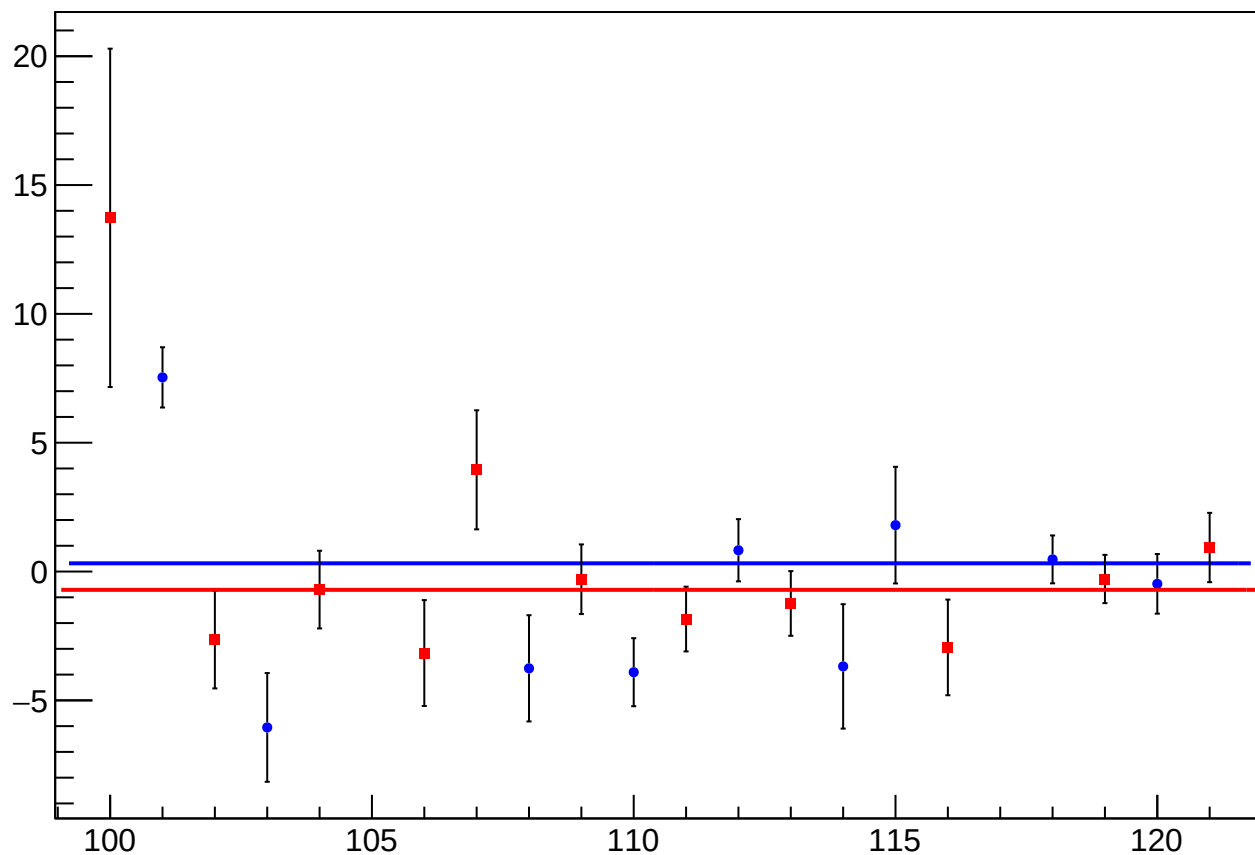
Right: 6.543+/-0.274 χ^2/NDF : 321.2/19

In: 6.208+/-0.424 χ^2/NDF : 130.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.543+/-0.274 χ^2/NDF : 321.2/19

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.319+/-0.460 χ^2/NDF : 65.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.710+/-0.449 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

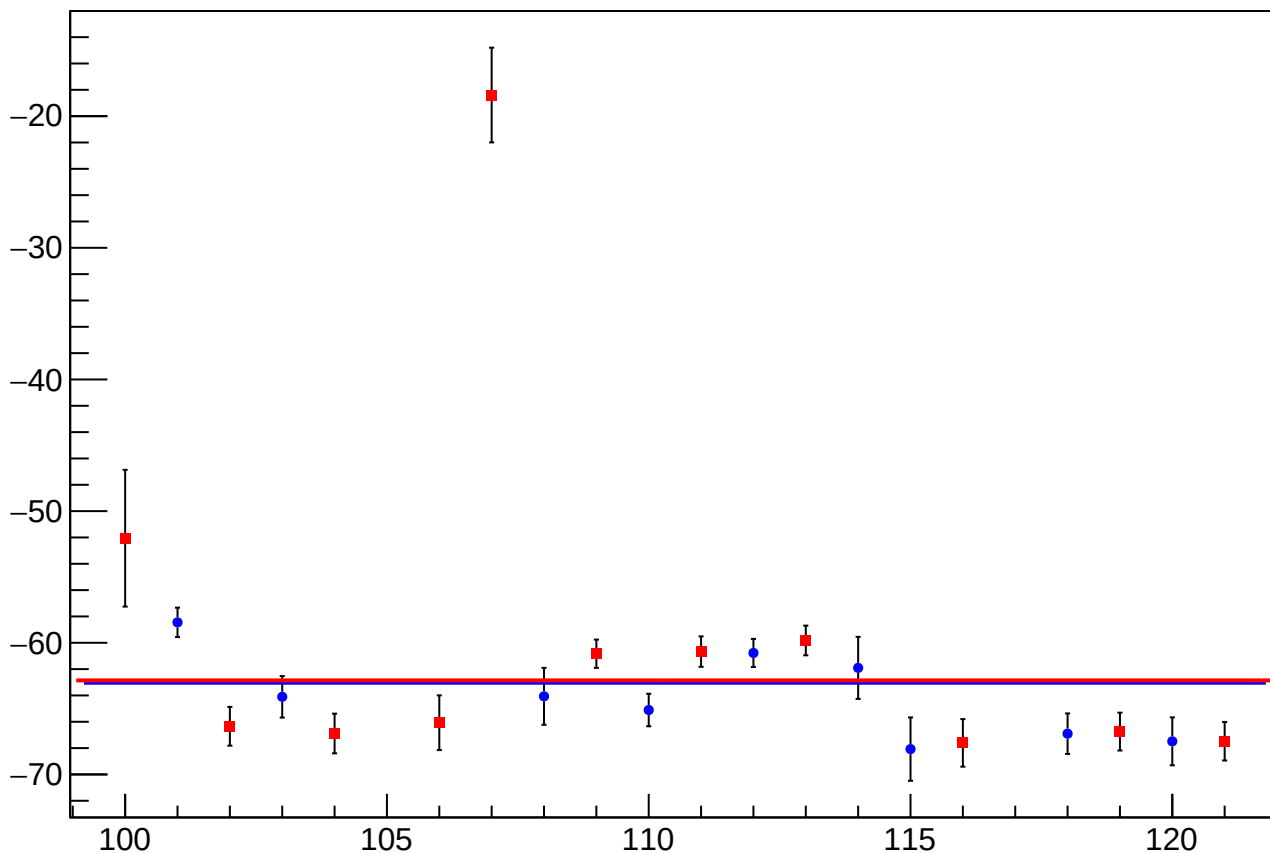
Right: -0.208+/-0.321 χ^2/NDF : 83.4/19

In: 0.319+/-0.460 χ^2/NDF : 65.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.208+/-0.321 χ^2/NDF : 83.4/19

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.034 $\pm$ 0.498 χ^2 /NDF: 41.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.859 $\pm$ 0.452 χ^2 /NDF: 210.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

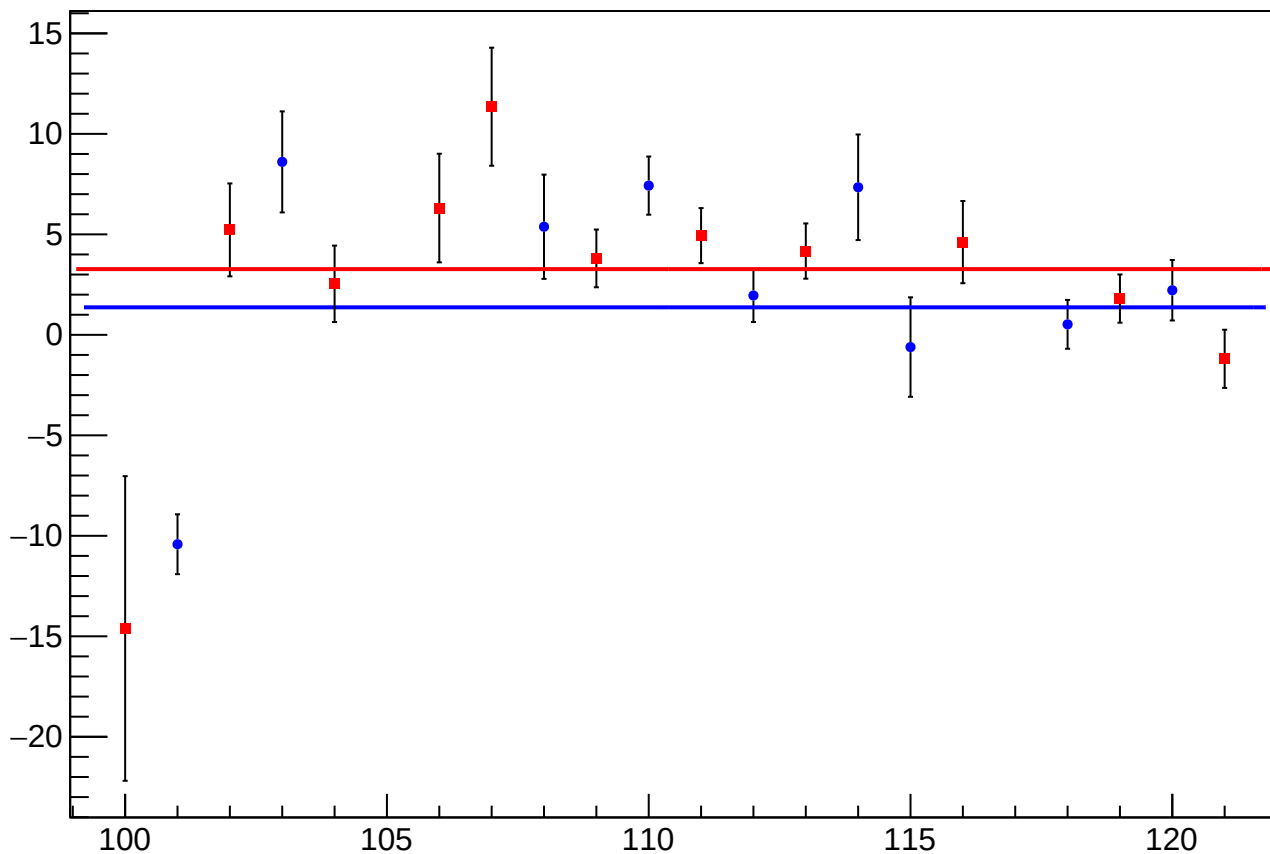
Right: -62.938 $\pm$ 0.335 χ^2 /NDF: 252.6/19

In: -63.034 $\pm$ 0.498 χ^2 /NDF: 41.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.938 $\pm$ 0.335 χ^2 /NDF: 252.6/19

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.369+/-0.556 χ^2/NDF : 97.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.270+/-0.520 χ^2/NDF : 28.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

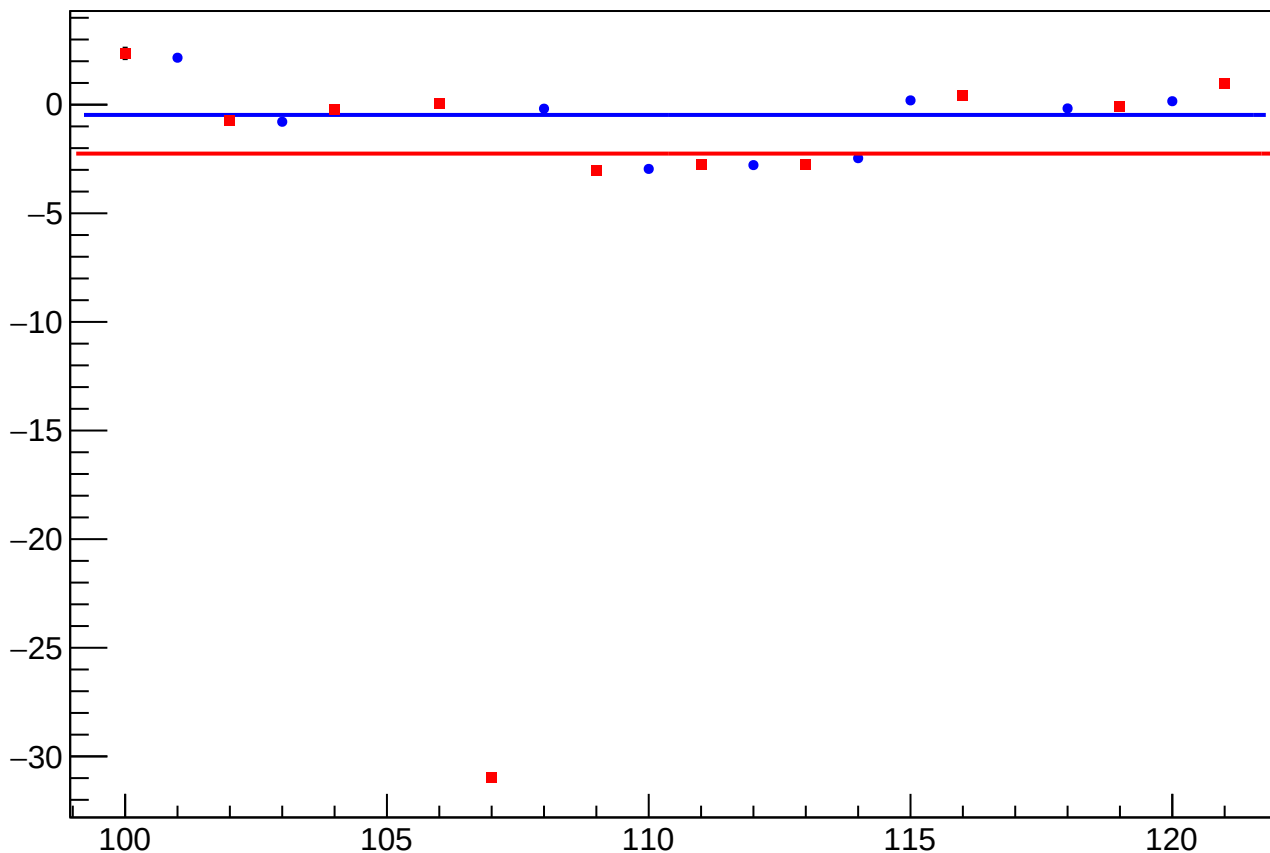
Right: 2.382+/-0.380 χ^2/NDF : 132.6/19

In: 1.369+/-0.556 χ^2/NDF : 97.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.382+/-0.380 χ^2/NDF : 132.6/19

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.472 ± 0.032 $\chi^2/\text{NDF}: 3105.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.252 ± 0.029 $\chi^2/\text{NDF}: 42440.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

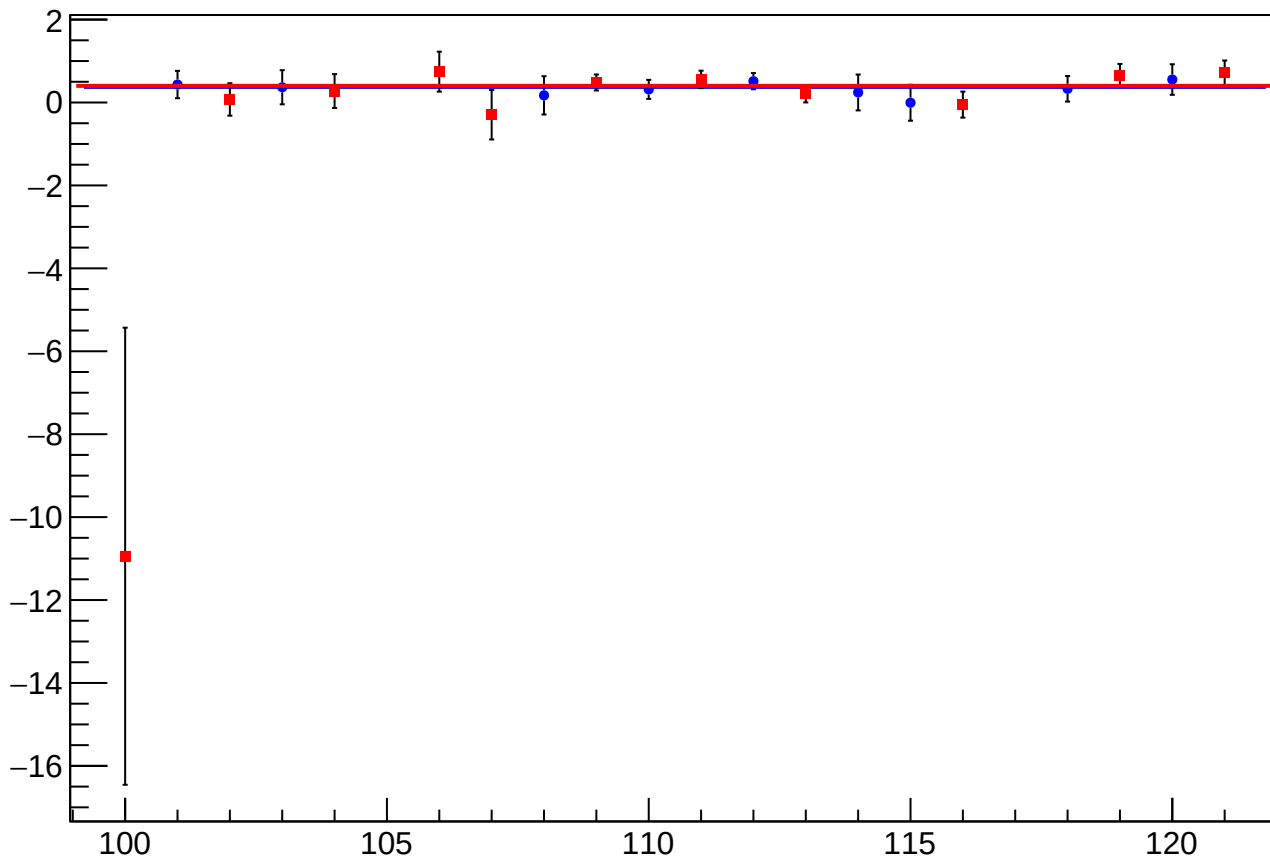
Right: -1.443 ± 0.021 $\chi^2/\text{NDF}: 47275.0/19$

In: -0.472 ± 0.032 $\chi^2/\text{NDF}: 3105.3/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.443 ± 0.021 $\chi^2/\text{NDF}: 47275.0/19$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.377+/-0.103 χ^2/NDF : 1.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.402+/-0.089 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

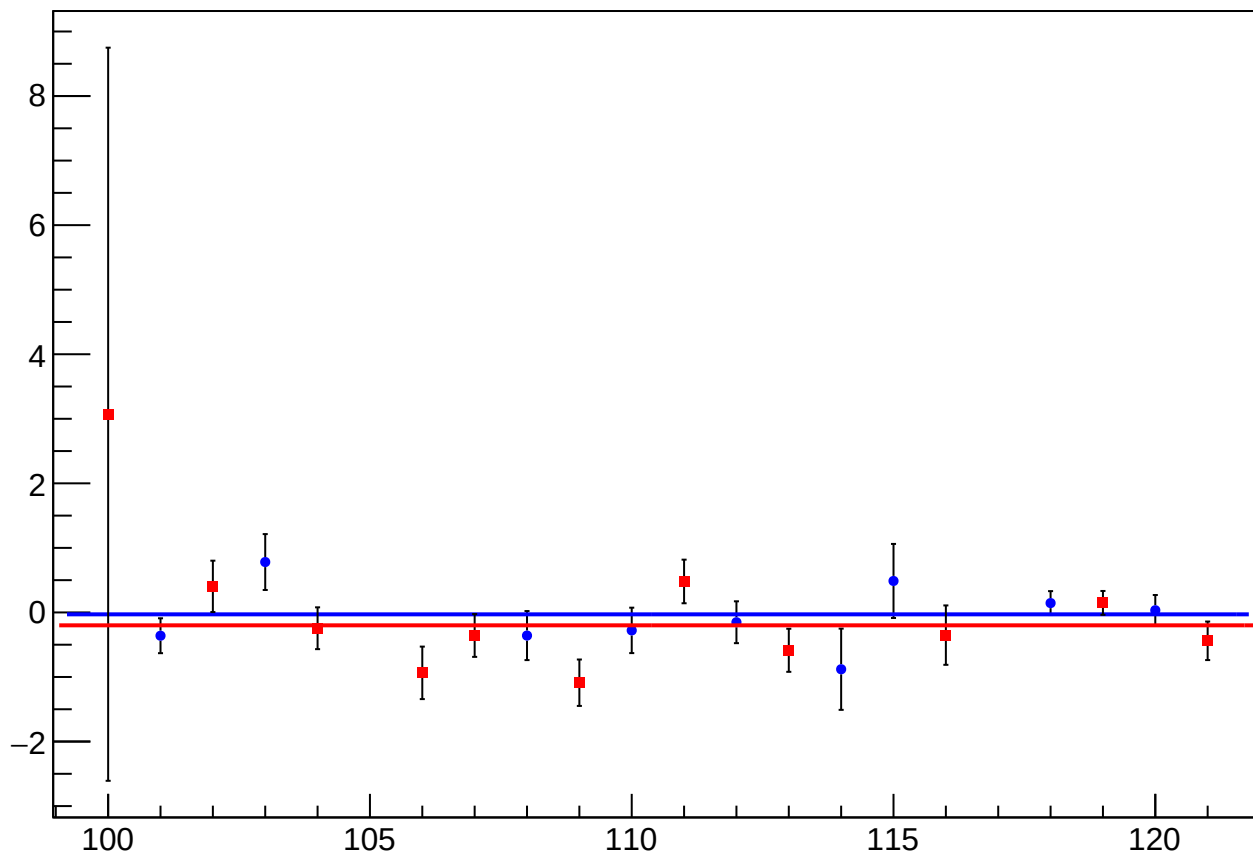
Right: 0.391+/-0.067 χ^2/NDF : 14.5/19

In: 0.377+/-0.103 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.391+/-0.067 χ^2/NDF : 14.5/19

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.030+/-0.102 χ^2 /NDF: 10.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.200+/-0.099 χ^2 /NDF: 22.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

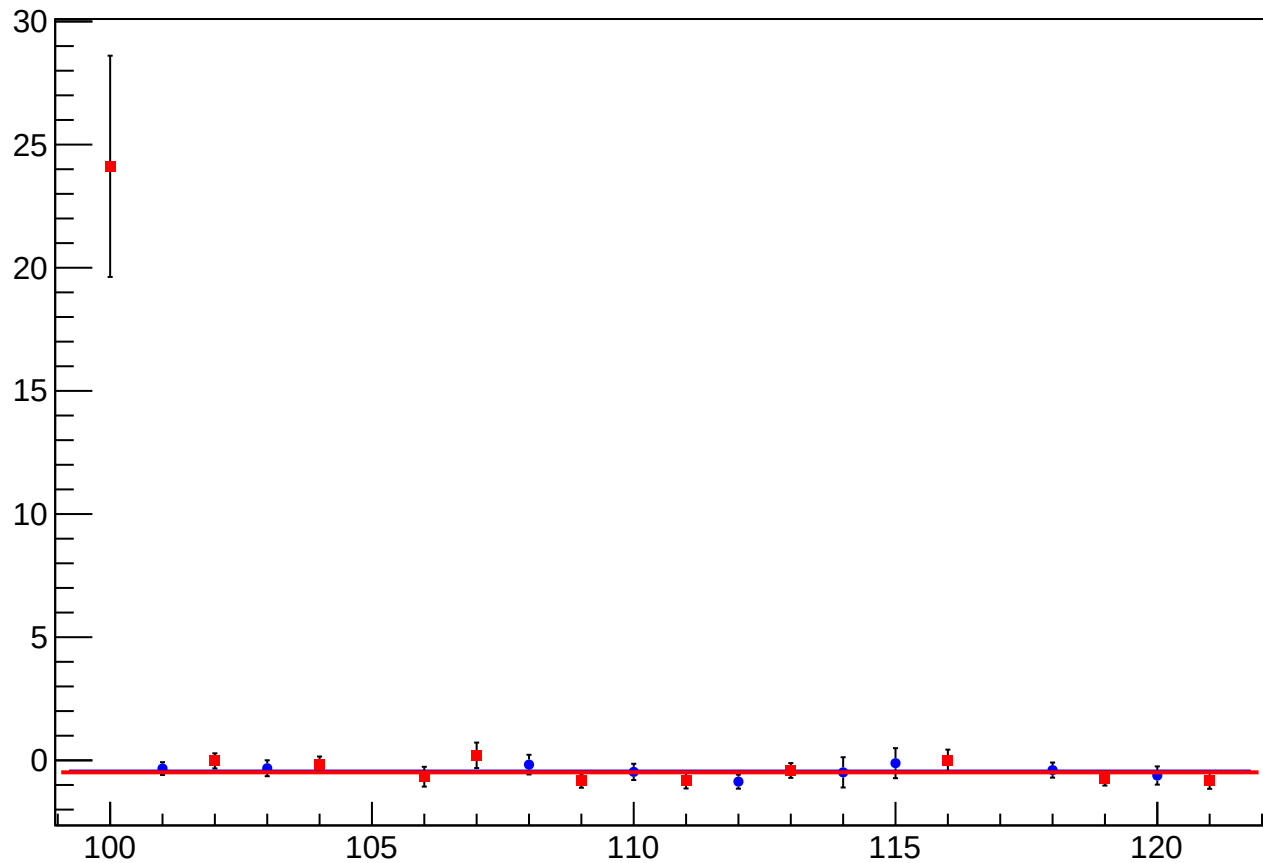
Right: -0.117+/-0.071 χ^2 /NDF: 33.4/19

In: -0.030+/-0.102 χ^2 /NDF:10.0/8

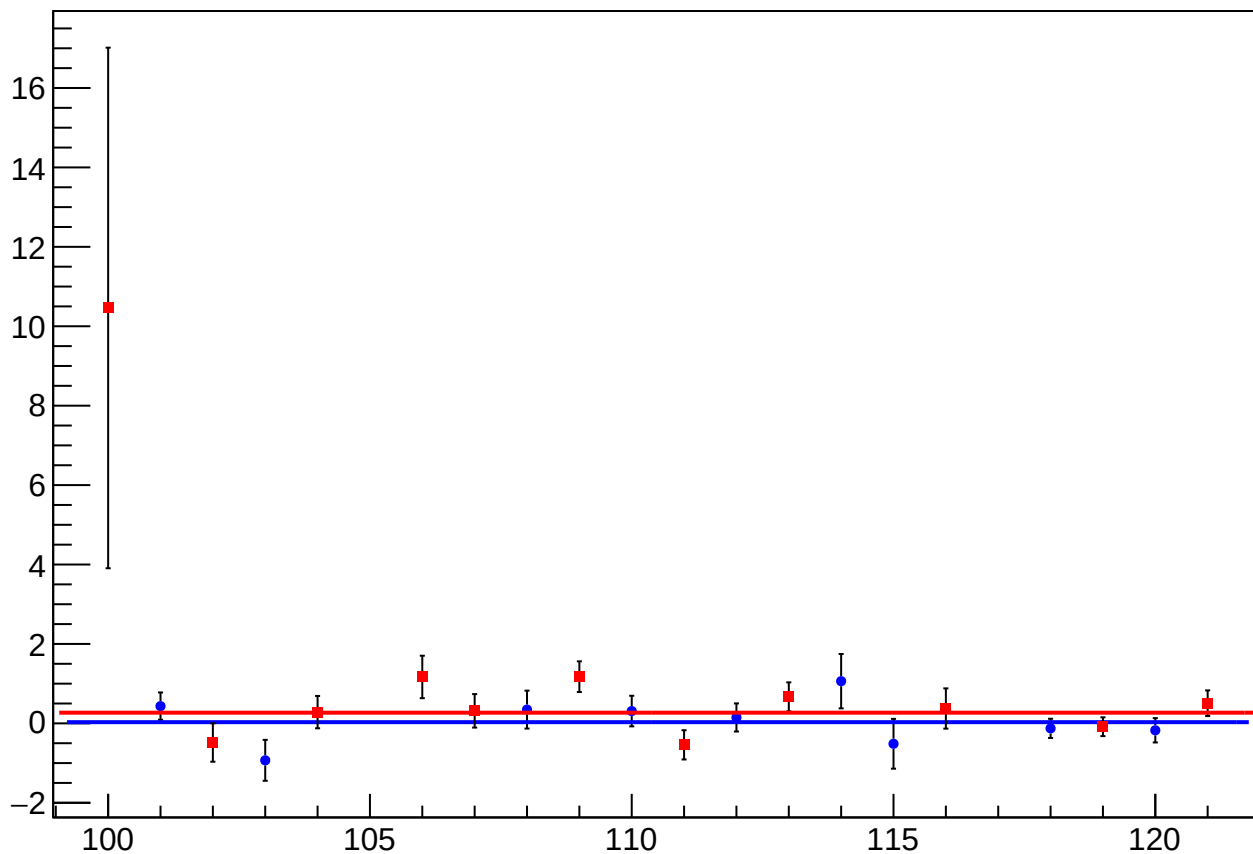
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.117+/-0.071 χ^2 /NDF: 33.4/19

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.030+/-0.125 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.269+/-0.118 χ^2/NDF : 22.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

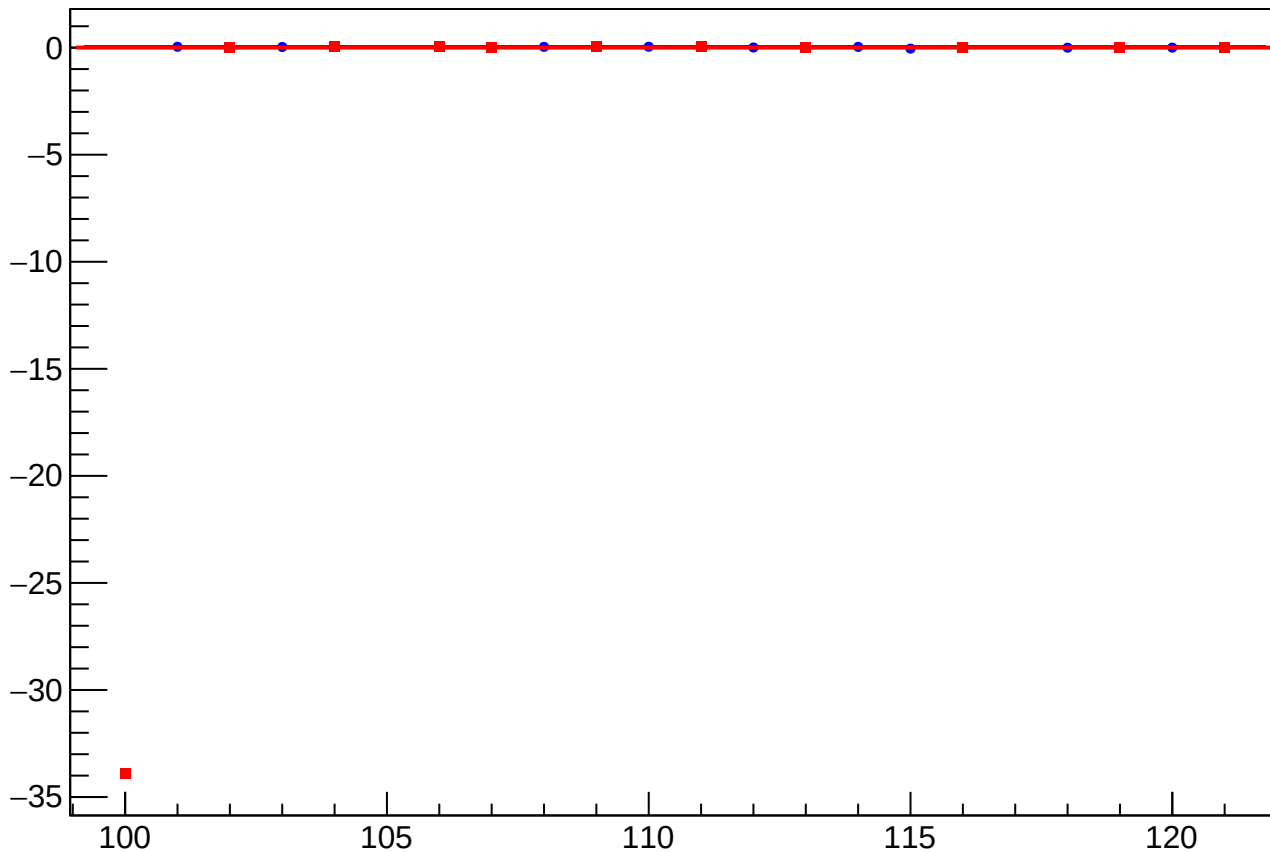
Right: 0.157+/-0.086 χ^2/NDF : 33.8/19

In: 0.030+/-0.125 χ^2/NDF : 9.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.157+/-0.086 χ^2/NDF : 33.8/19

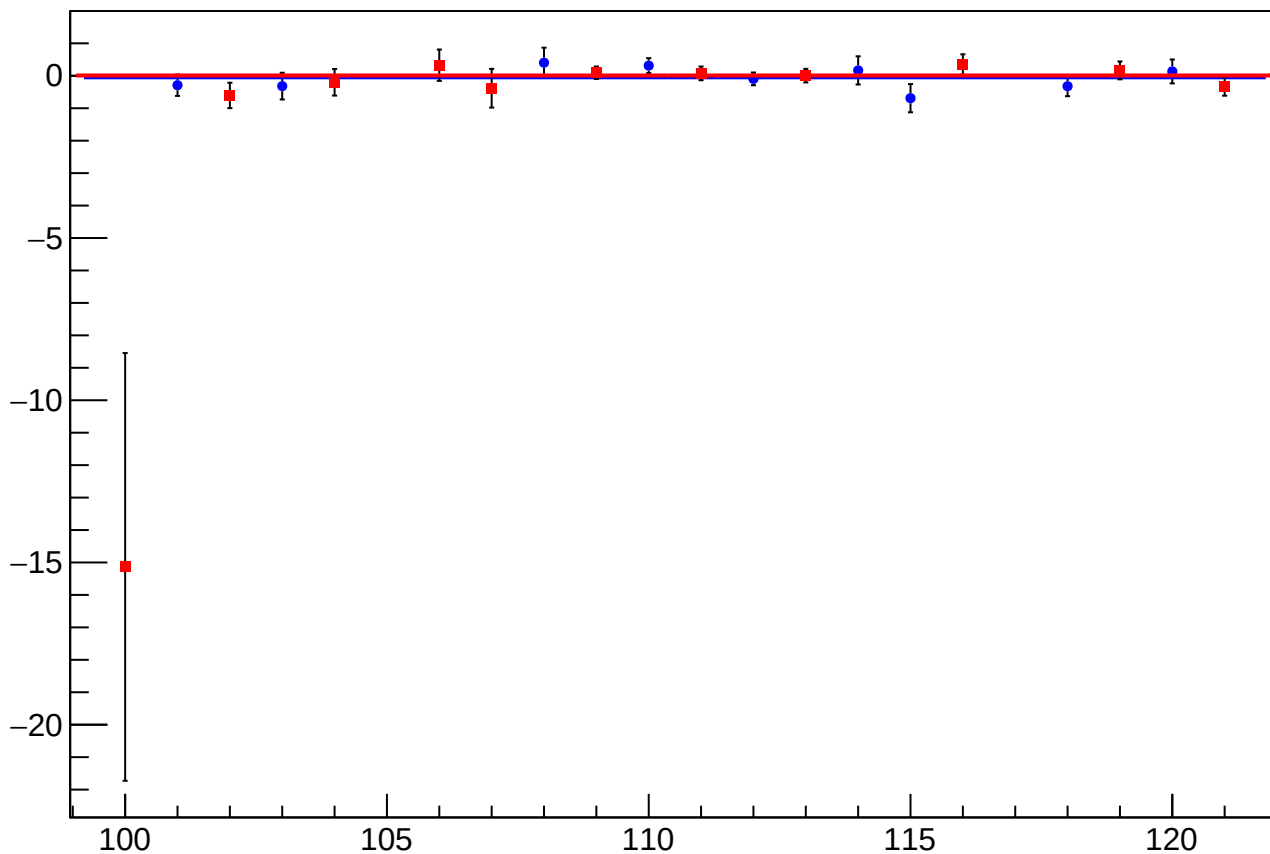
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.007 χ^2/NDF : 7.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.006 χ^2/NDF : 22253.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.015+/-0.005 χ^2/NDF : 22265.7/19
 In: 0.027+/-0.007 χ^2/NDF : 7.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.015+/-0.005 χ^2/NDF : 22265.7/19

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.046+/-0.104 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.089 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

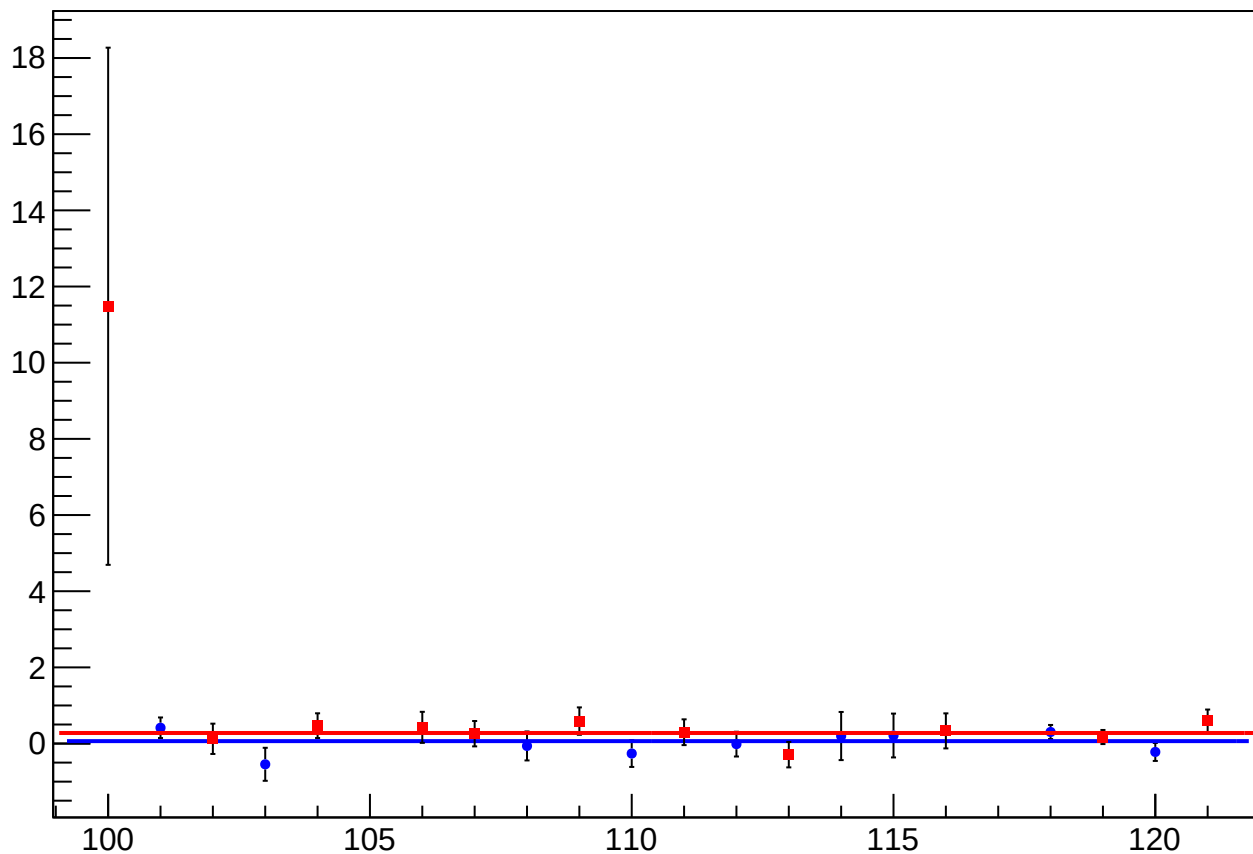
Right: -0.014+/-0.067 χ^2/NDF : 20.0/19

In: -0.046+/-0.104 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.067 χ^2/NDF : 20.0/19

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.064 ± 0.102 $\chi^2/\text{NDF}: 7.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.278 ± 0.099 $\chi^2/\text{NDF}: 8.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

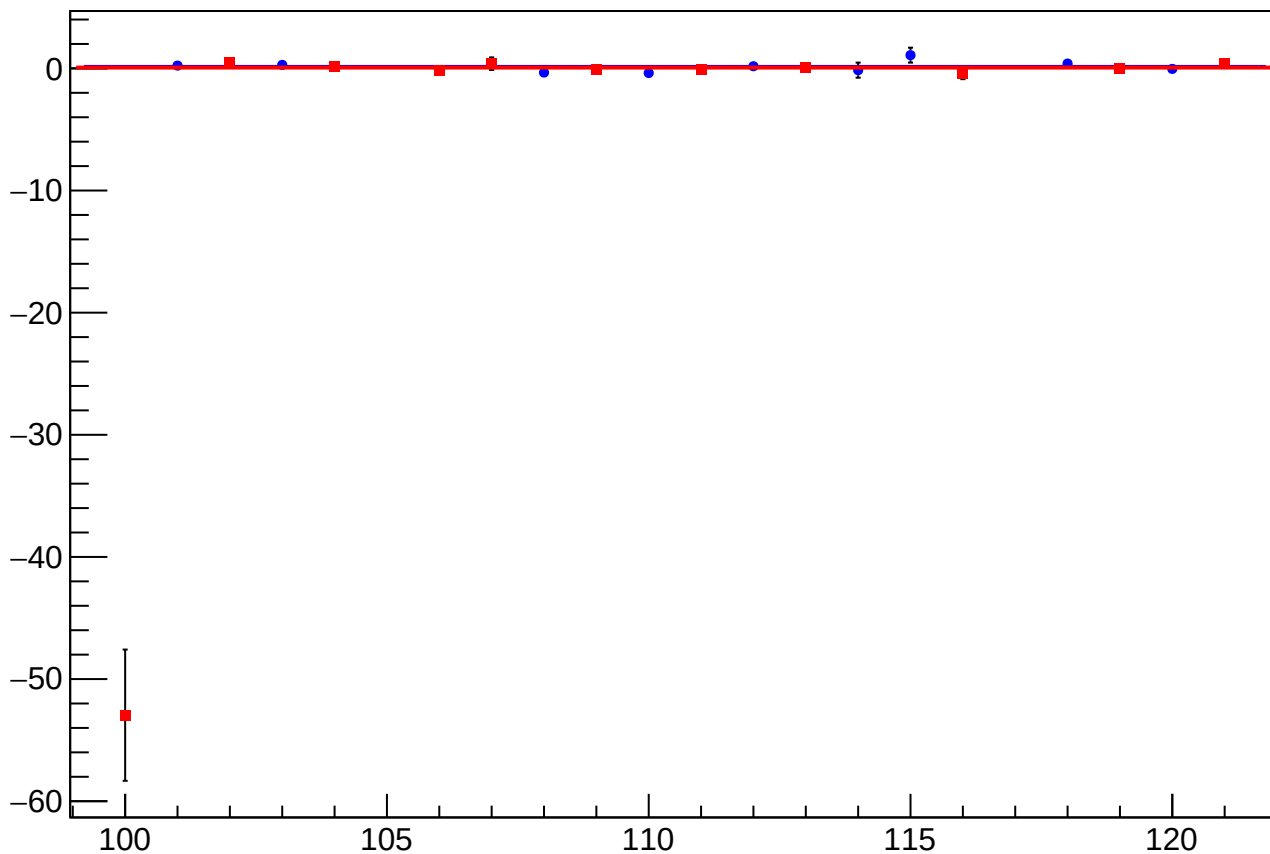
Right: 0.174 ± 0.071 $\chi^2/\text{NDF}: 18.7/19$

In: 0.064 ± 0.102 $\chi^2/\text{NDF}: 7.9/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.174 ± 0.071 $\chi^2/\text{NDF}: 18.7/19$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.121+/-0.115 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.105 χ^2/NDF : 103.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

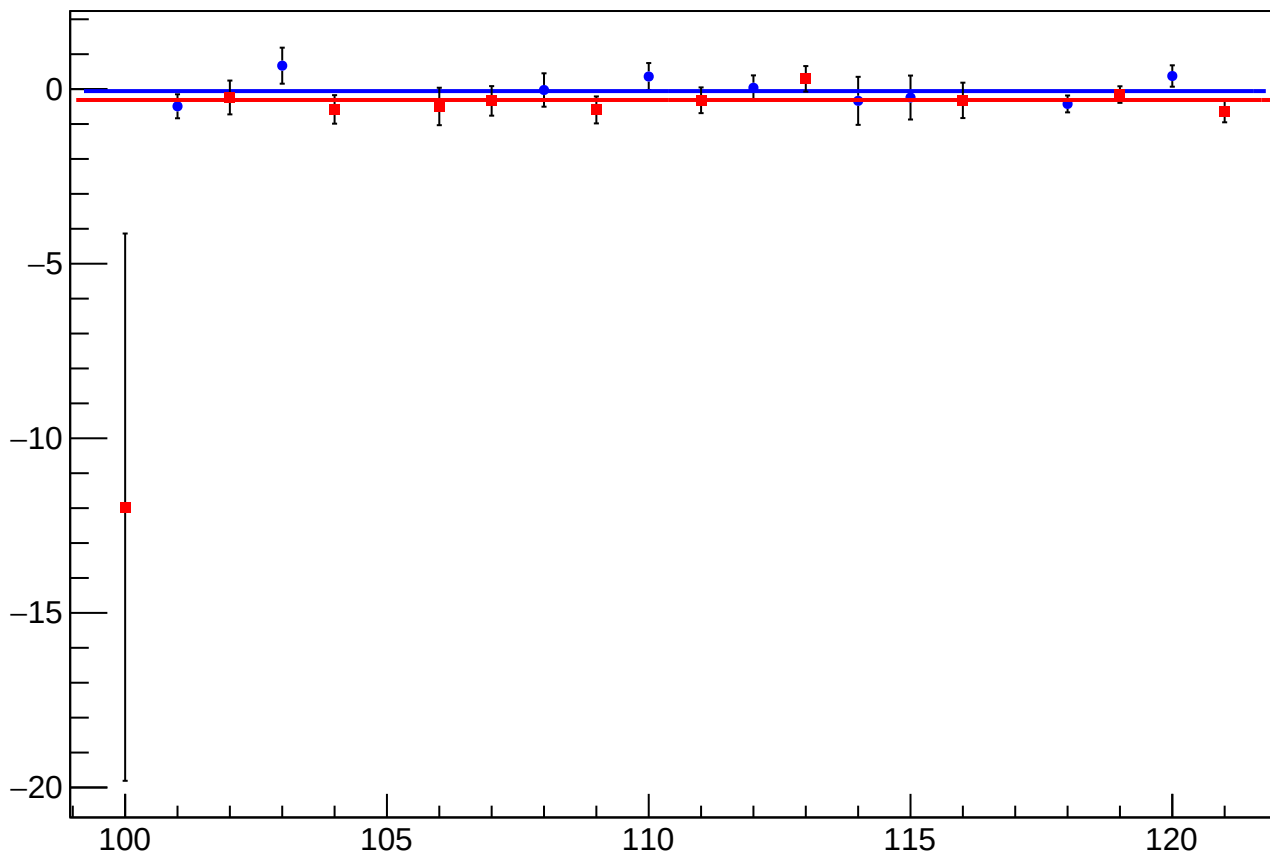
Right: 0.092+/-0.078 χ^2/NDF : 111.1/19

In: 0.121+/-0.115 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.078 χ^2/NDF : 111.1/19

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.125 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.312 $\pm$ 0.118 χ^2 /NDF: 7.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

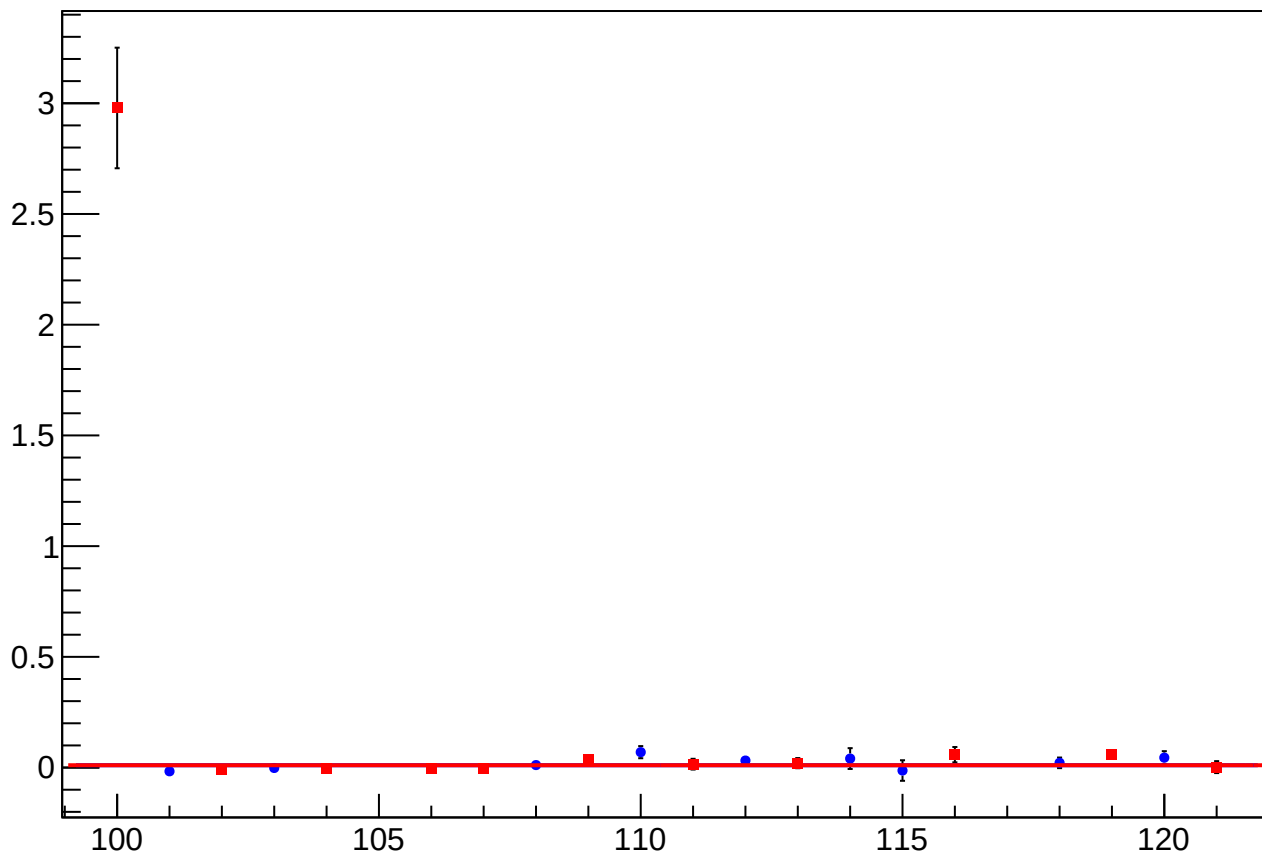
Right: -0.192 $\pm$ 0.086 χ^2 /NDF: 19.1/19

In: -0.057 $\pm$ 0.125 χ^2 /NDF:9.4/8

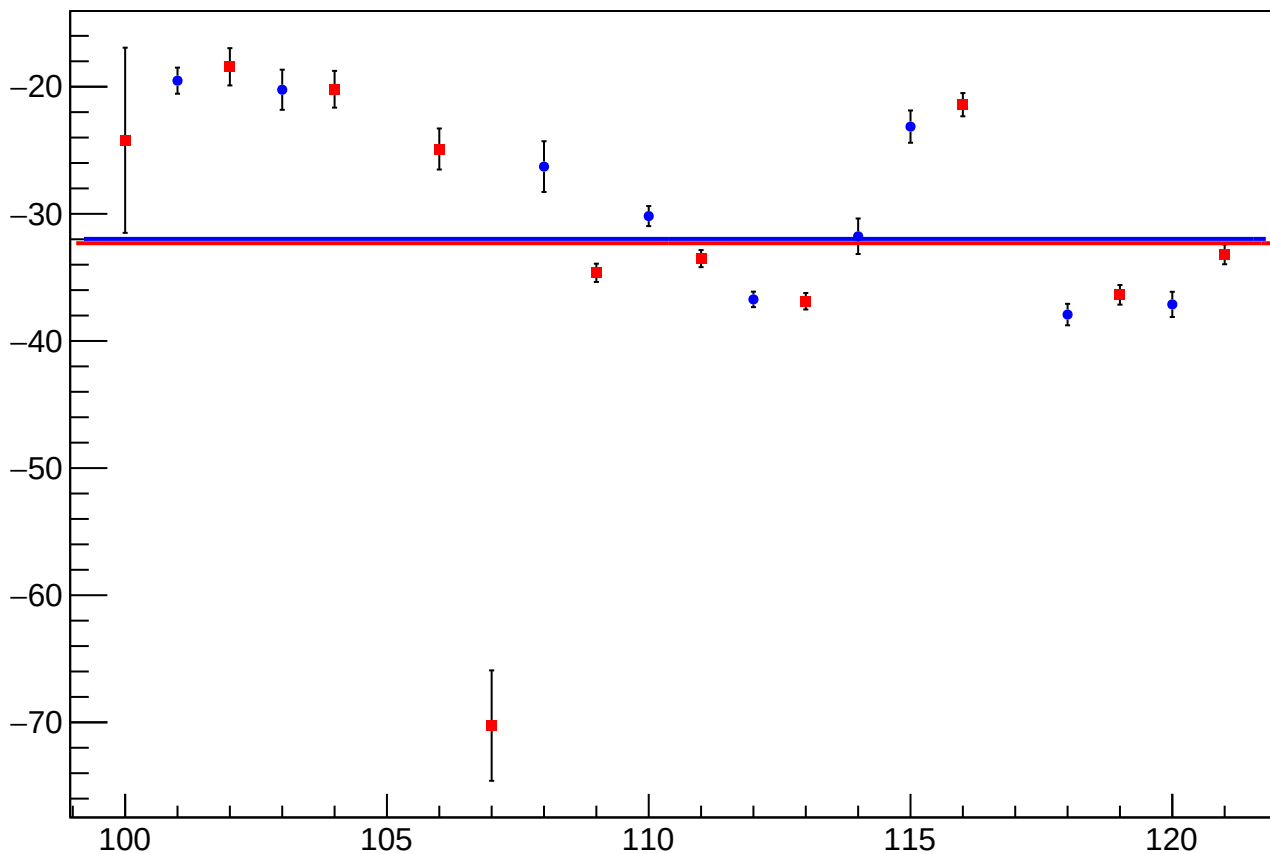
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.192 $\pm$ 0.086 χ^2 /NDF: 19.1/19

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.971 $\pm$ 0.325 χ^2 /NDF: 401.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.312 $\pm$ 0.283 χ^2 /NDF: 493.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

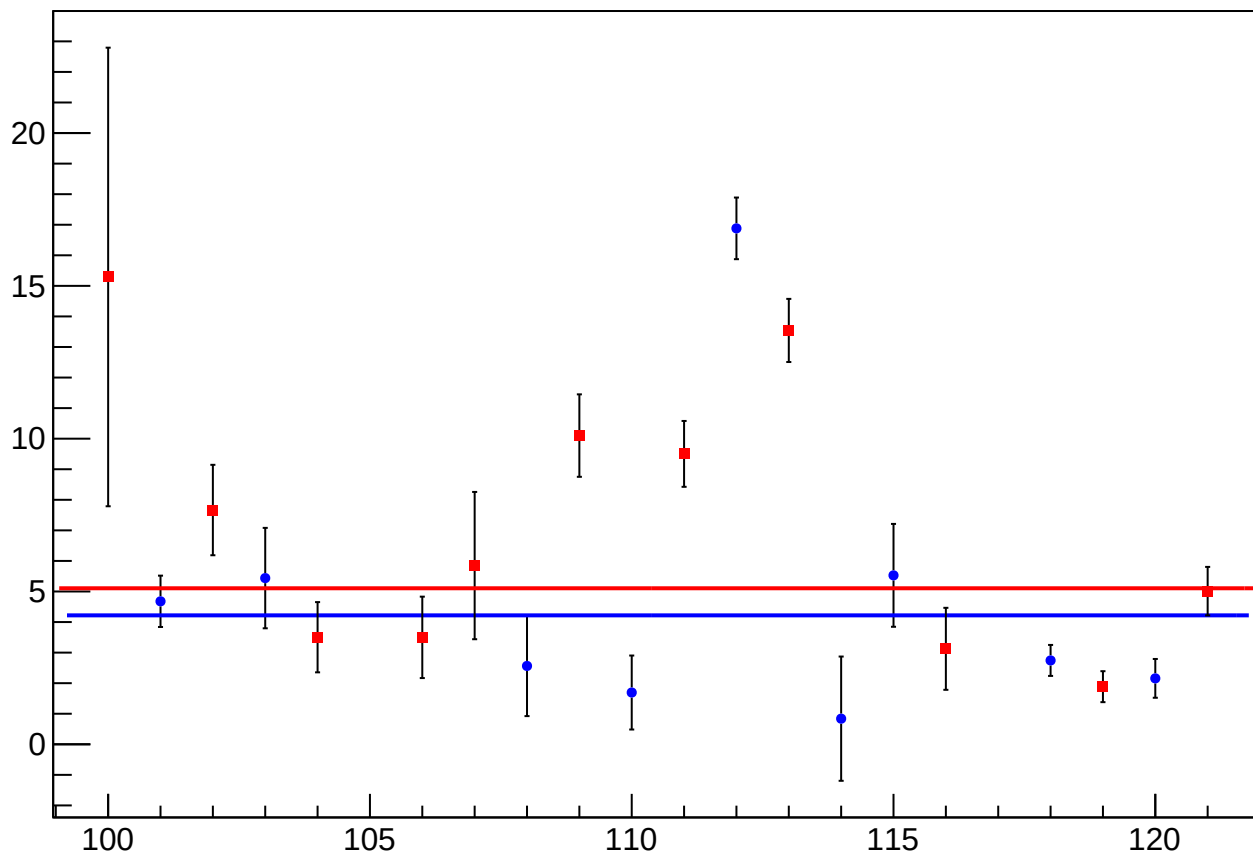
Right: -32.164 $\pm$ 0.214 χ^2 /NDF: 895.8/19

In: -31.971 $\pm$ 0.325 χ^2 /NDF:401.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.164 $\pm$ 0.214 χ^2 /NDF: 895.8/19

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.219+/-0.304 χ^2/NDF : 186.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.105+/-0.311 χ^2/NDF : 148.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

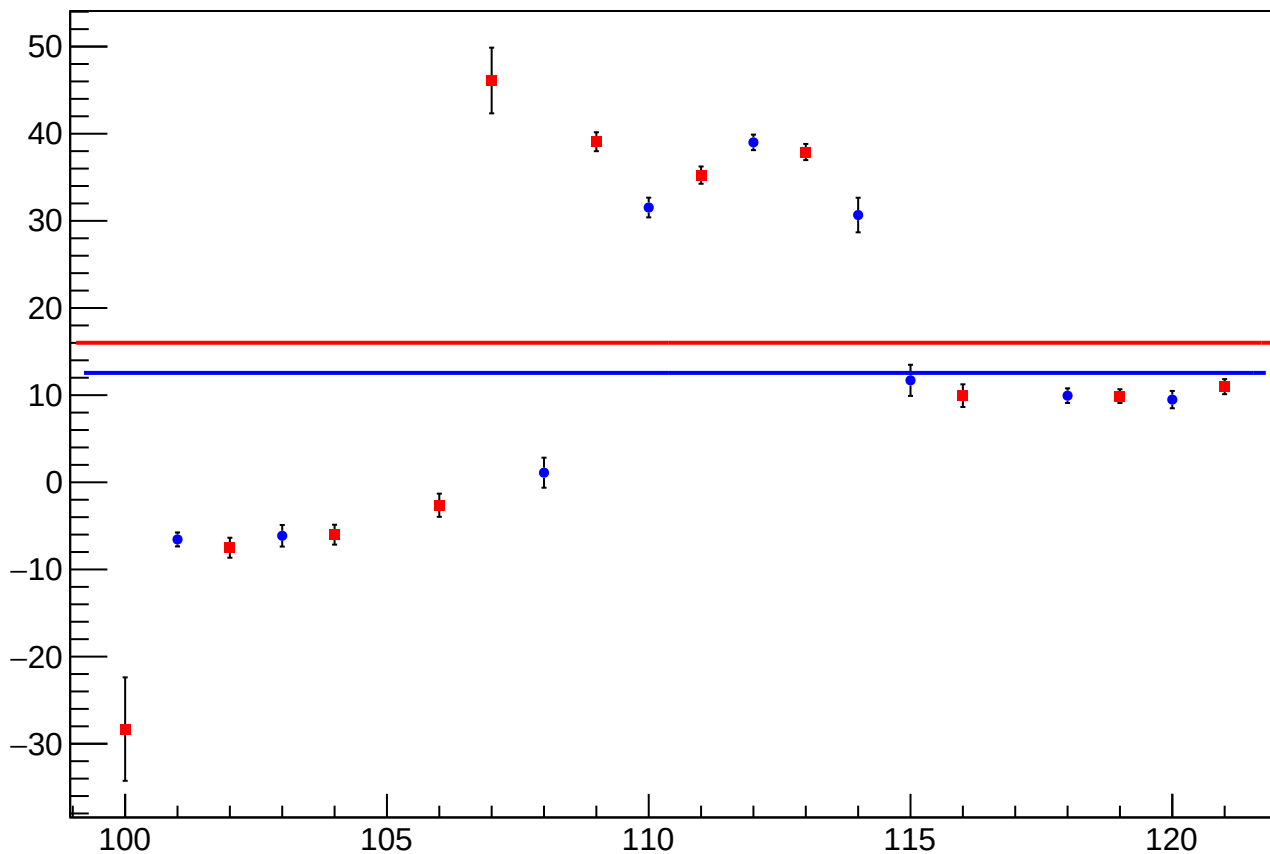
Right: 4.653+/-0.217 χ^2/NDF : 338.4/19

In: 4.219+/-0.304 χ^2/NDF : 186.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.653+/-0.217 χ^2/NDF : 338.4/19

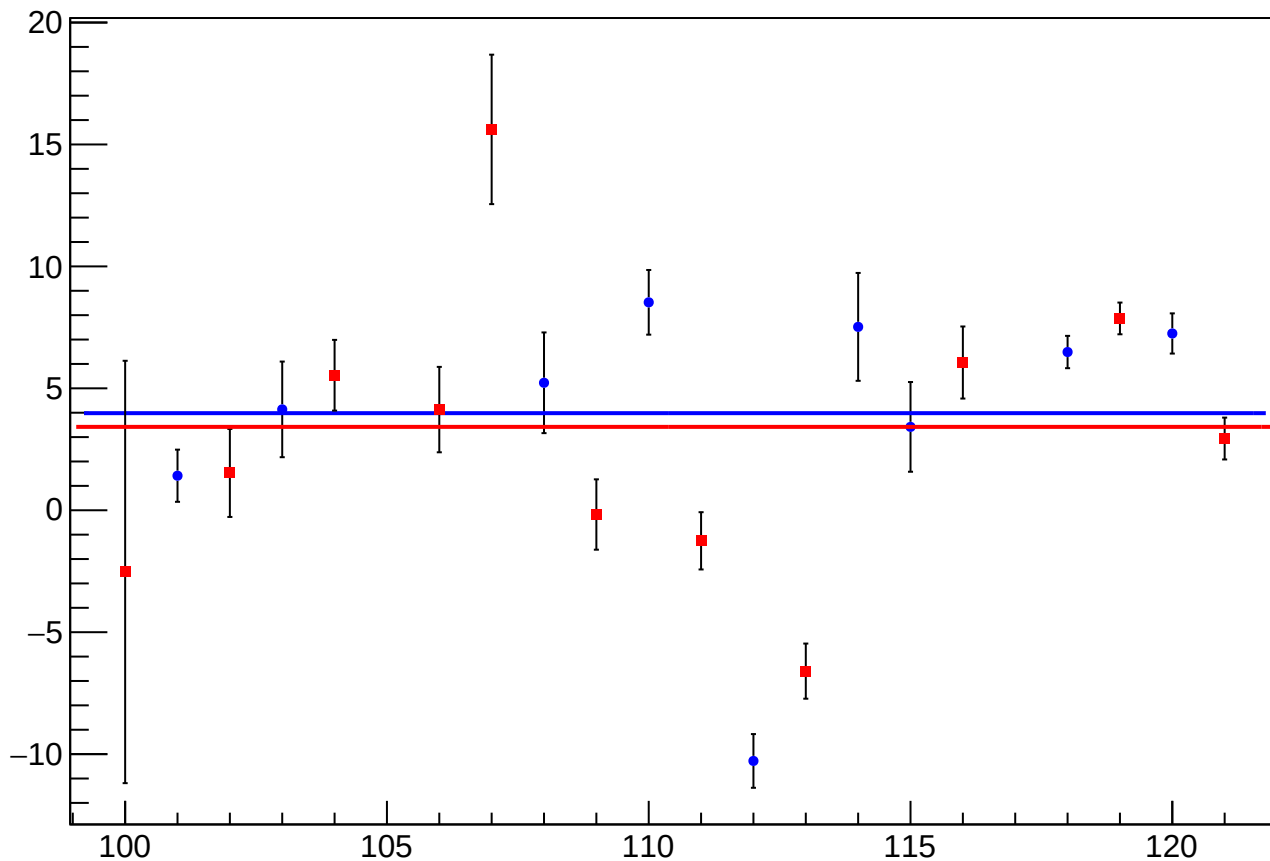
reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.555+/-0.363 χ^2/NDF : 2102.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 16.011+/-0.338 χ^2/NDF : 2610.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 14.409+/-0.247 χ^2/NDF : 4760.9/19
 In: 12.555+/-0.363 χ^2/NDF : 2102.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.409+/-0.247 χ^2/NDF : 4760.9/19

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.982 $\pm$ 0.378 χ^2 /NDF: 218.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.420 $\pm$ 0.368 χ^2 /NDF: 170.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

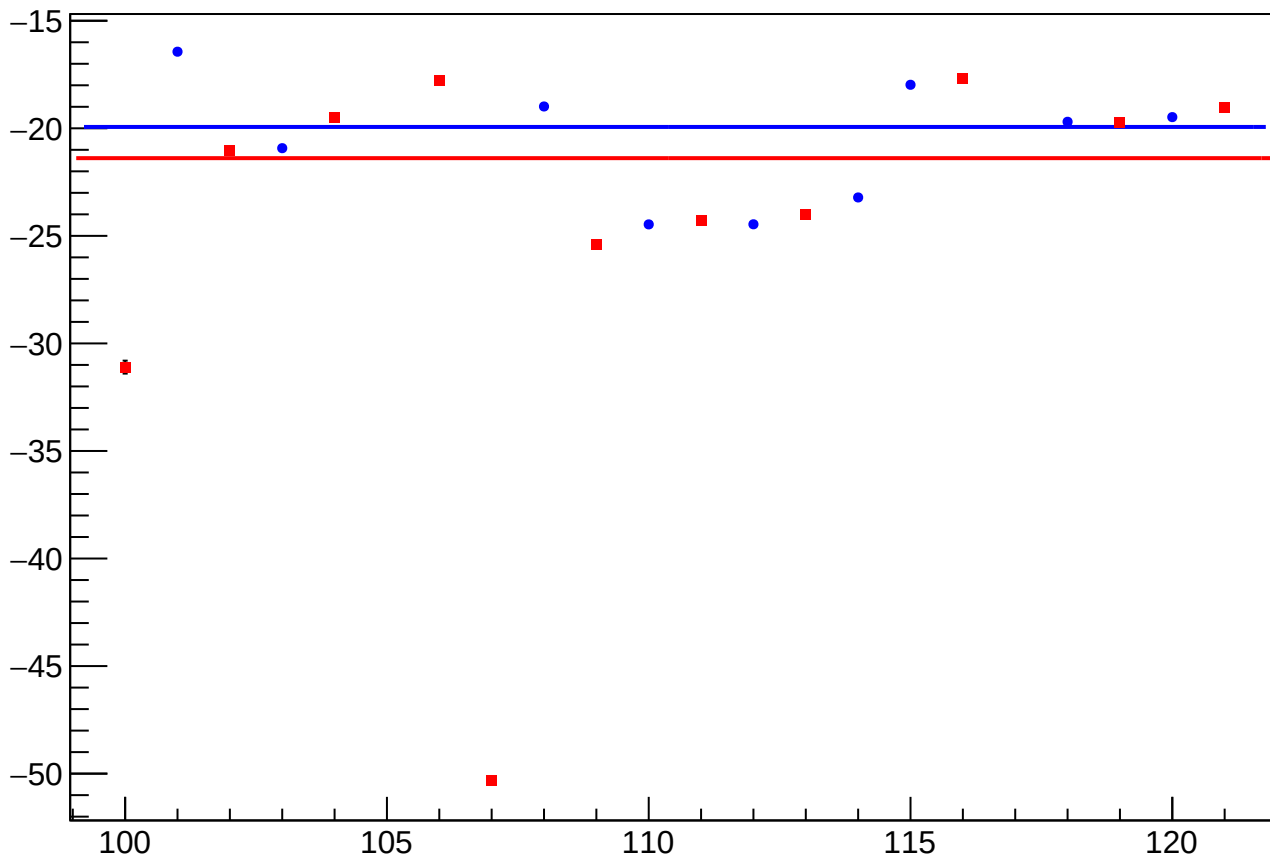
Right: 3.693 $\pm$ 0.263 χ^2 /NDF: 389.9/19

In: 3.982 $\pm$ 0.378 χ^2 /NDF:218.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.693 $\pm$ 0.263 χ^2 /NDF: 389.9/19

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.936+/-0.023 χ^2/NDF : 13146.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.387+/-0.022 χ^2/NDF : 49895.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

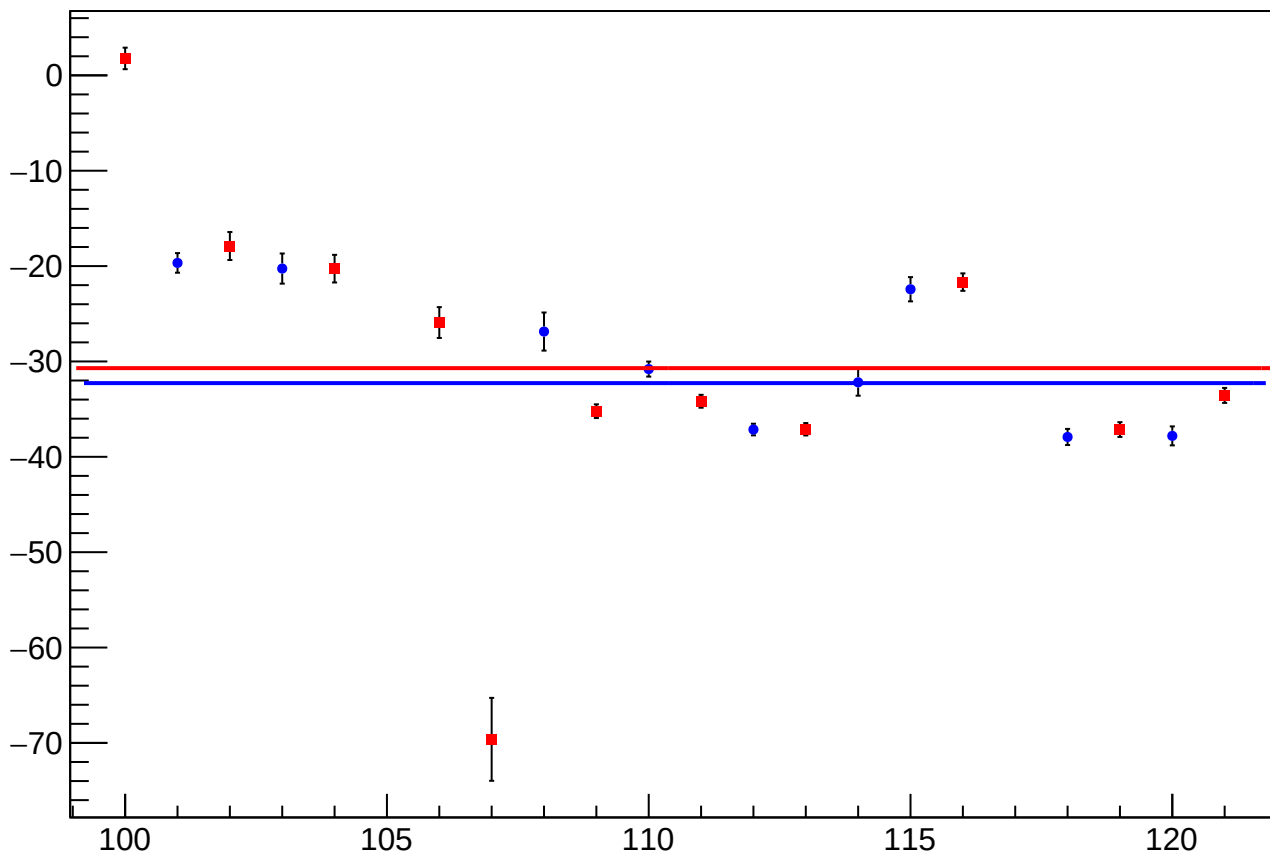
Right: -20.716+/-0.016 χ^2/NDF : 65100.5/19

In: -19.936+/-0.023 χ^2/NDF :13146.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.716+/-0.016 χ^2/NDF : 65100.5/19

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.272 ± 0.326 χ^2/NDF : 417.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.701 ± 0.276 χ^2/NDF : 1388.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

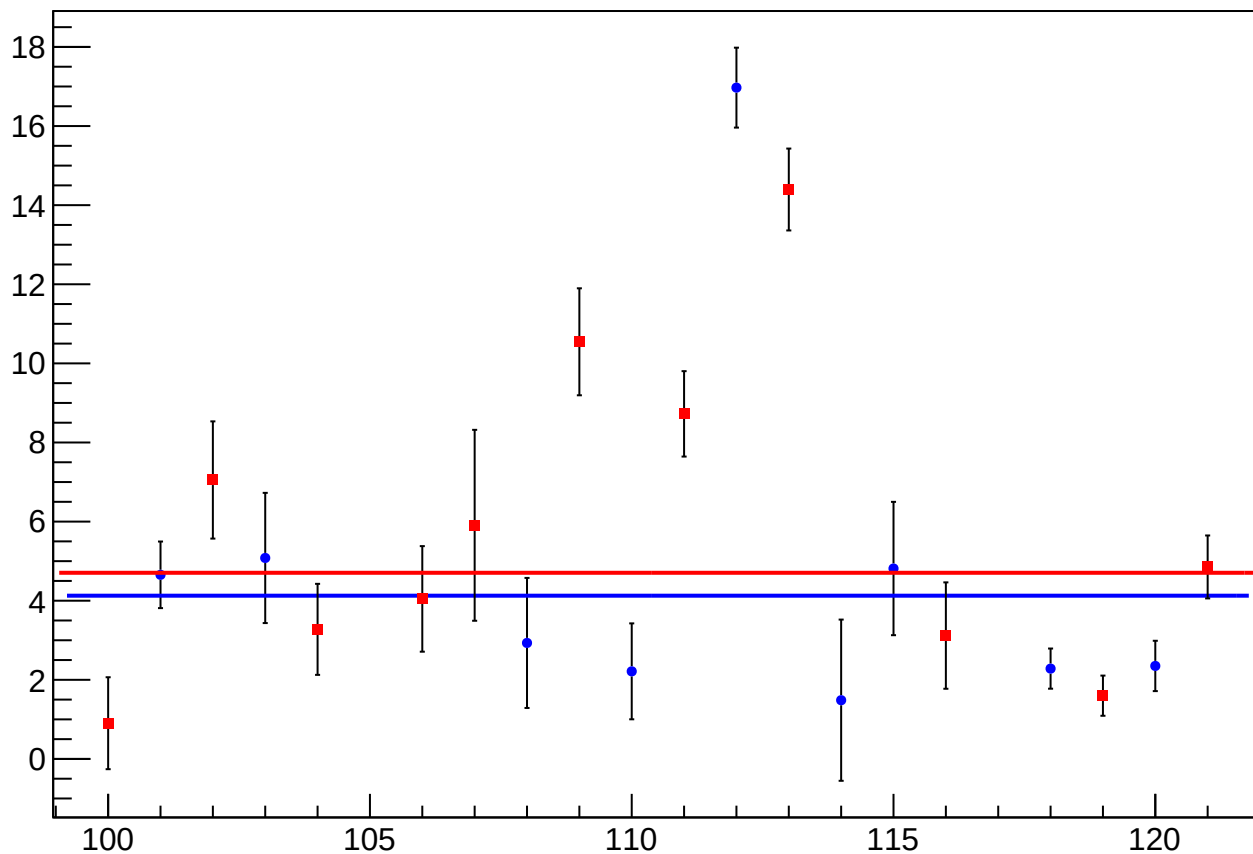
Right: -31.357 ± 0.210 χ^2/NDF : 1820.0/19

In: -32.272 ± 0.326 χ^2/NDF : 417.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.357 ± 0.210 χ^2/NDF : 1820.0/19

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.127+/-0.305 χ^2/NDF : 188.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.706+/-0.301 χ^2/NDF : 174.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

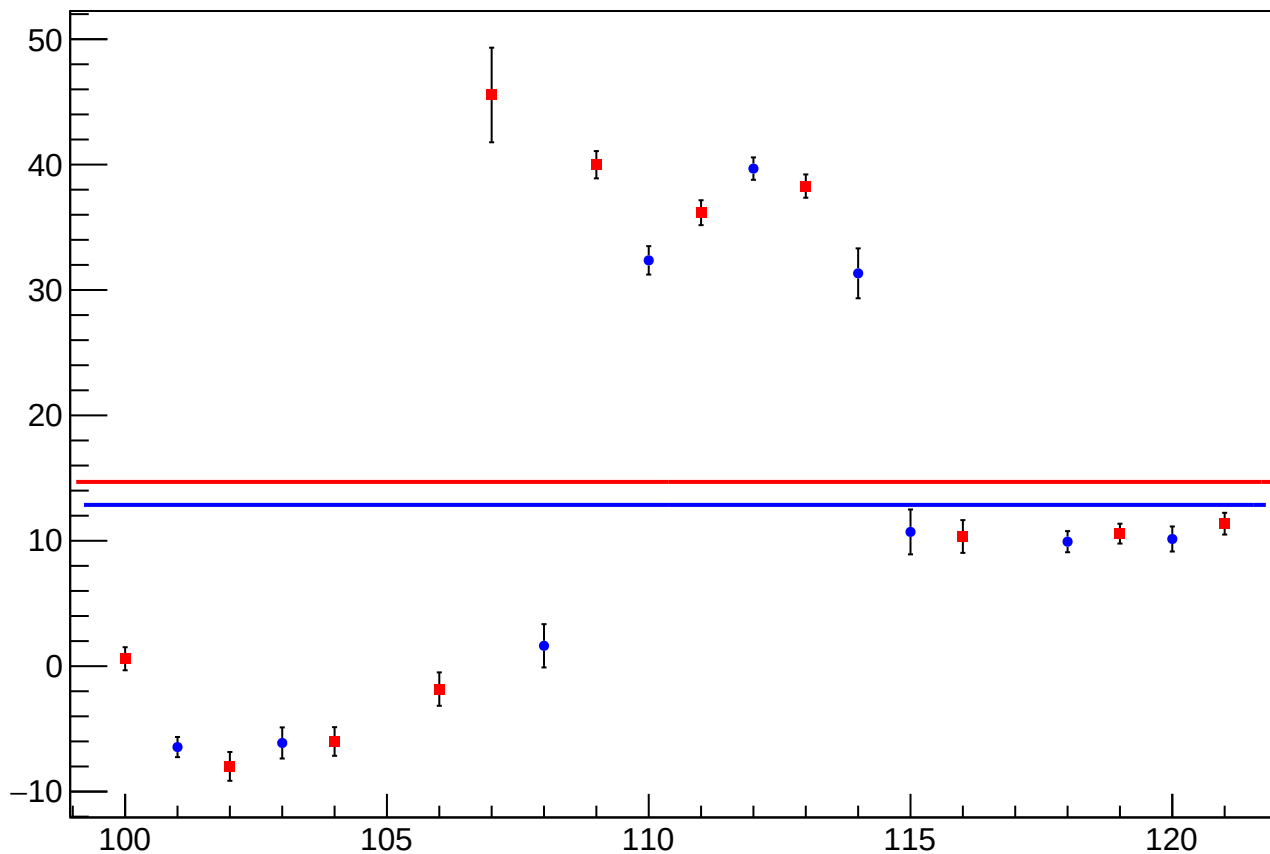
Right: 4.420+/-0.214 χ^2/NDF : 364.2/19

In: 4.127+/-0.305 χ^2/NDF : 188.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.420+/-0.214 χ^2/NDF : 364.2/19

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.862+/-0.364 χ^2/NDF : 2156.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.695+/-0.318 χ^2/NDF : 2879.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

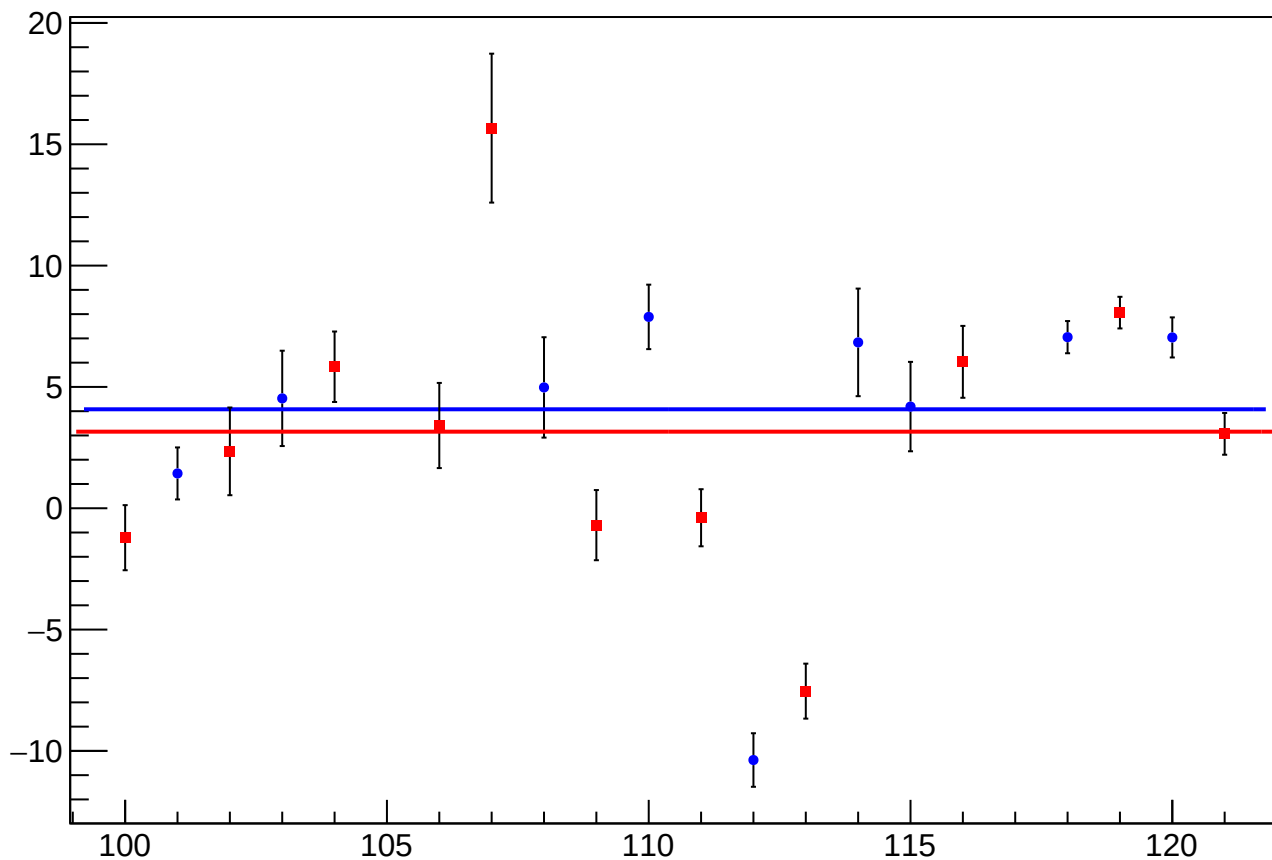
Right: 13.901+/-0.240 χ^2/NDF : 5050.4/19

In: 12.862+/-0.364 χ^2/NDF : 2156.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.901+/-0.240 χ^2/NDF : 5050.4/19

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.078 $\pm$ 0.378 χ^2 /NDF: 220.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.156 $\pm$ 0.356 χ^2 /NDF: 196.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

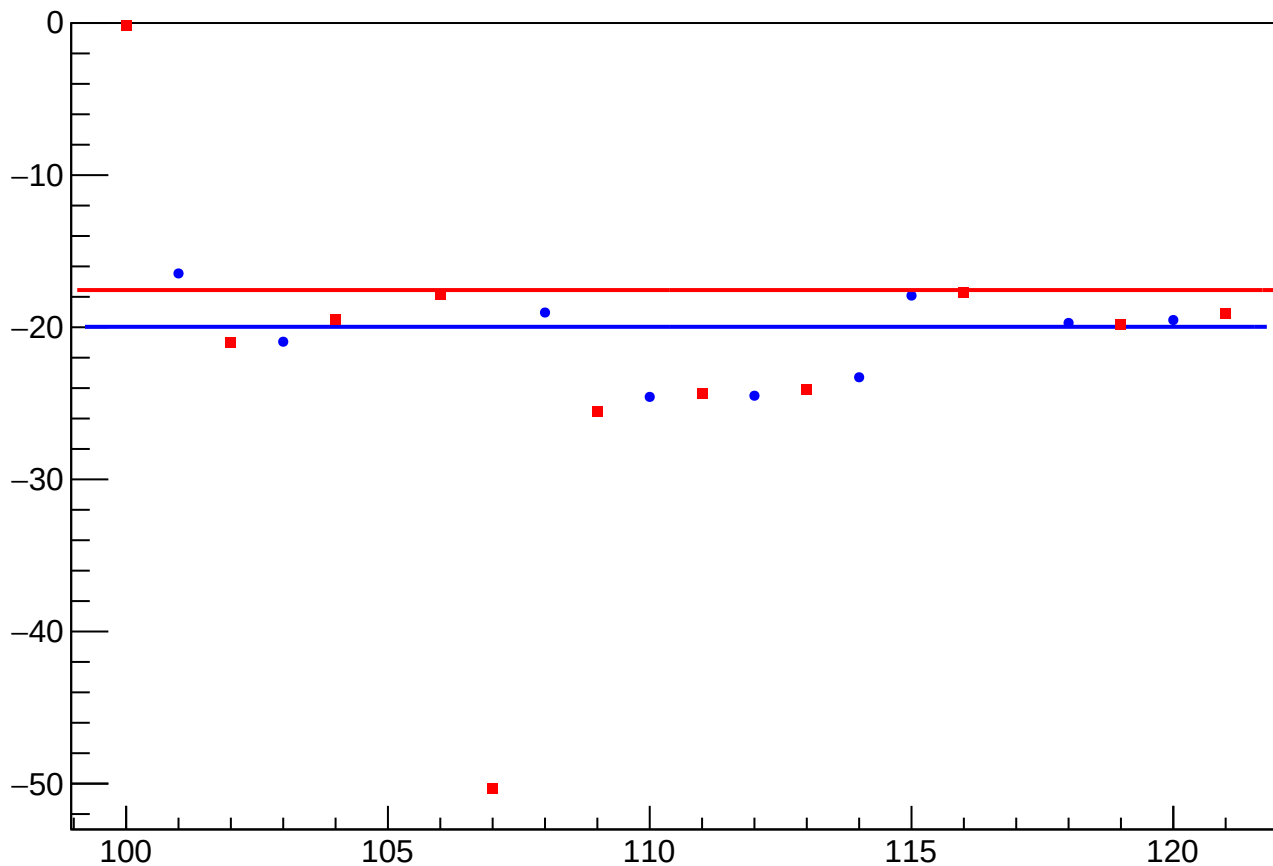
Right: 3.589 $\pm$ 0.259 χ^2 /NDF: 420.2/19

In: 4.078 $\pm$ 0.378 χ^2 /NDF:220.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.589 $\pm$ 0.259 χ^2 /NDF: 420.2/19

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.971+/-0.023 χ^2/NDF : 13233.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.555+/-0.020 χ^2/NDF : 218719.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

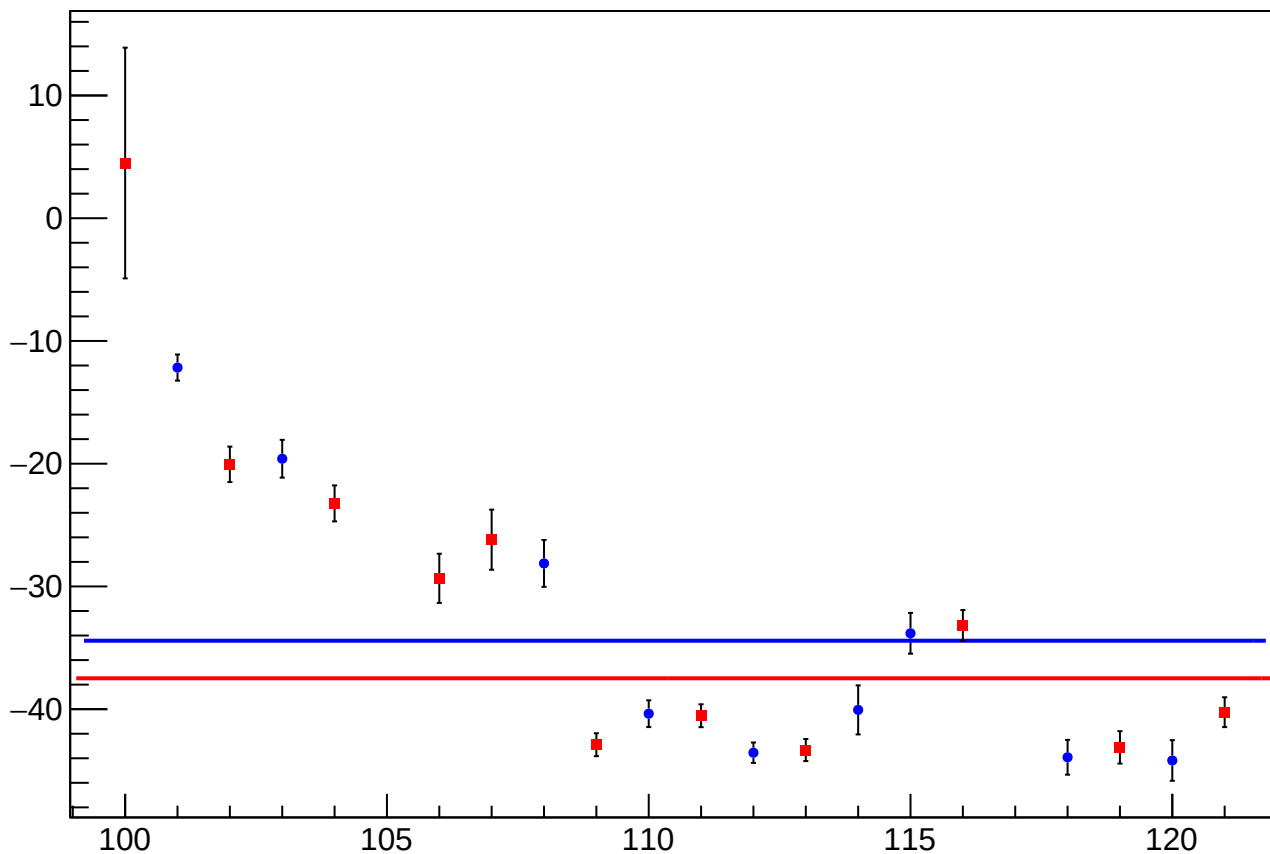
Right: -18.558+/-0.015 χ^2/NDF : 238142.5/19

In: -19.971+/-0.023 χ^2/NDF : 13233.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.558+/-0.015 χ^2/NDF : 238142.5/19

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.422+/-0.433 χ^2/NDF : 778.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.483+/-0.384 χ^2/NDF : 419.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

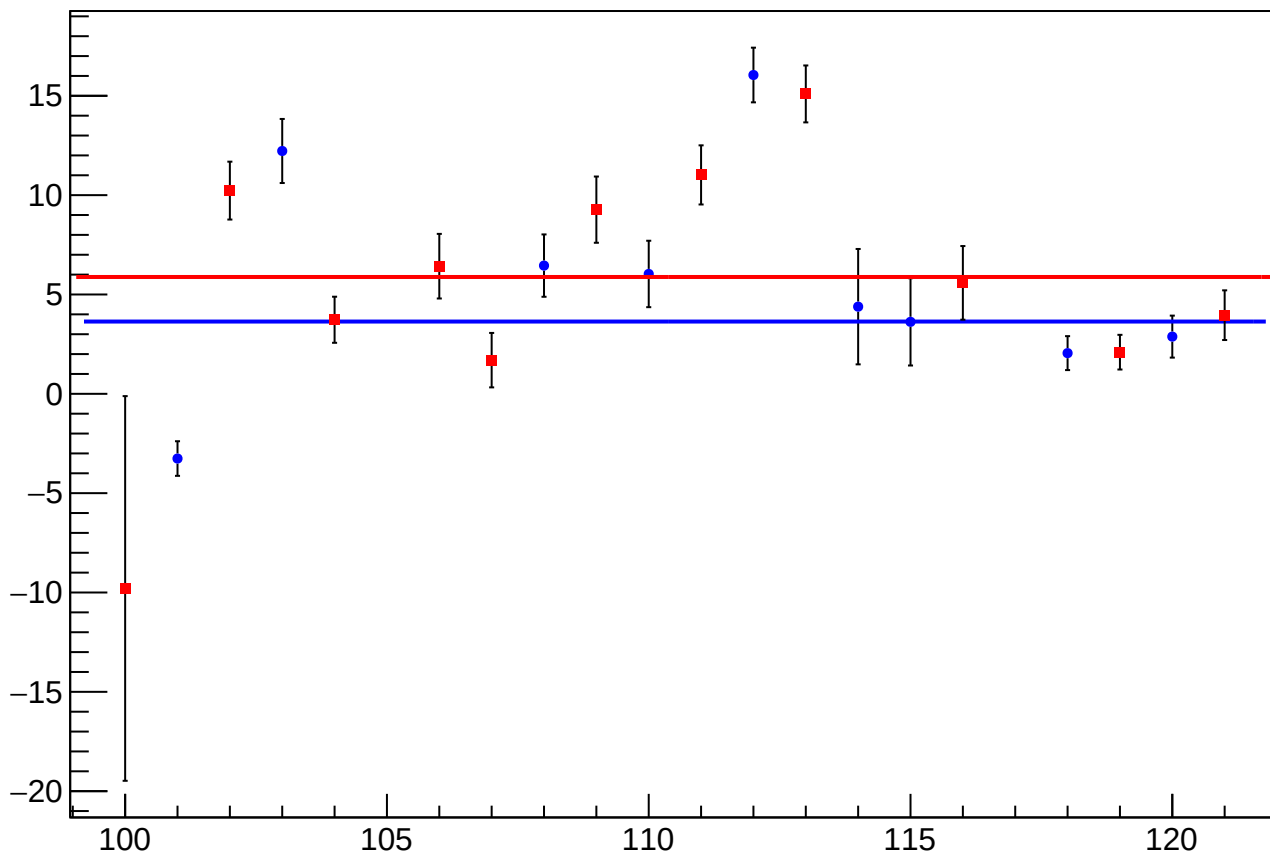
Right: -36.135+/-0.287 χ^2/NDF : 1226.3/19

In: -34.422+/-0.433 χ^2/NDF : 778.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.135+/-0.287 χ^2/NDF : 1226.3/19

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.638+/-0.423 χ^2/NDF : 181.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.881+/-0.420 χ^2/NDF : 103.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

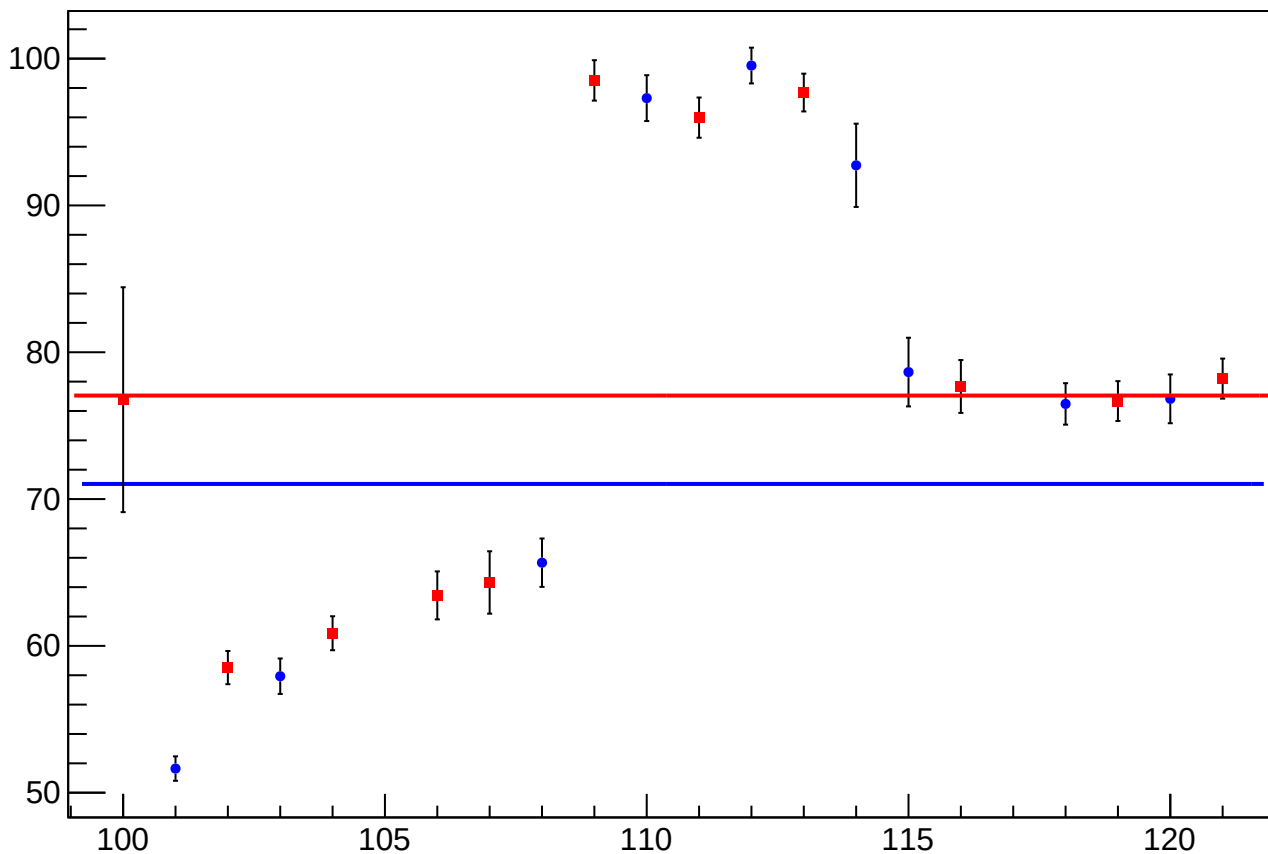
Right: 4.769+/-0.298 χ^2/NDF : 298.8/19

In: 3.638+/-0.423 χ^2/NDF : 181.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.769+/-0.298 χ^2/NDF : 298.8/19

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.031+/-0.459 χ^2/NDF : 1597.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.050+/-0.439 χ^2/NDF : 1262.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

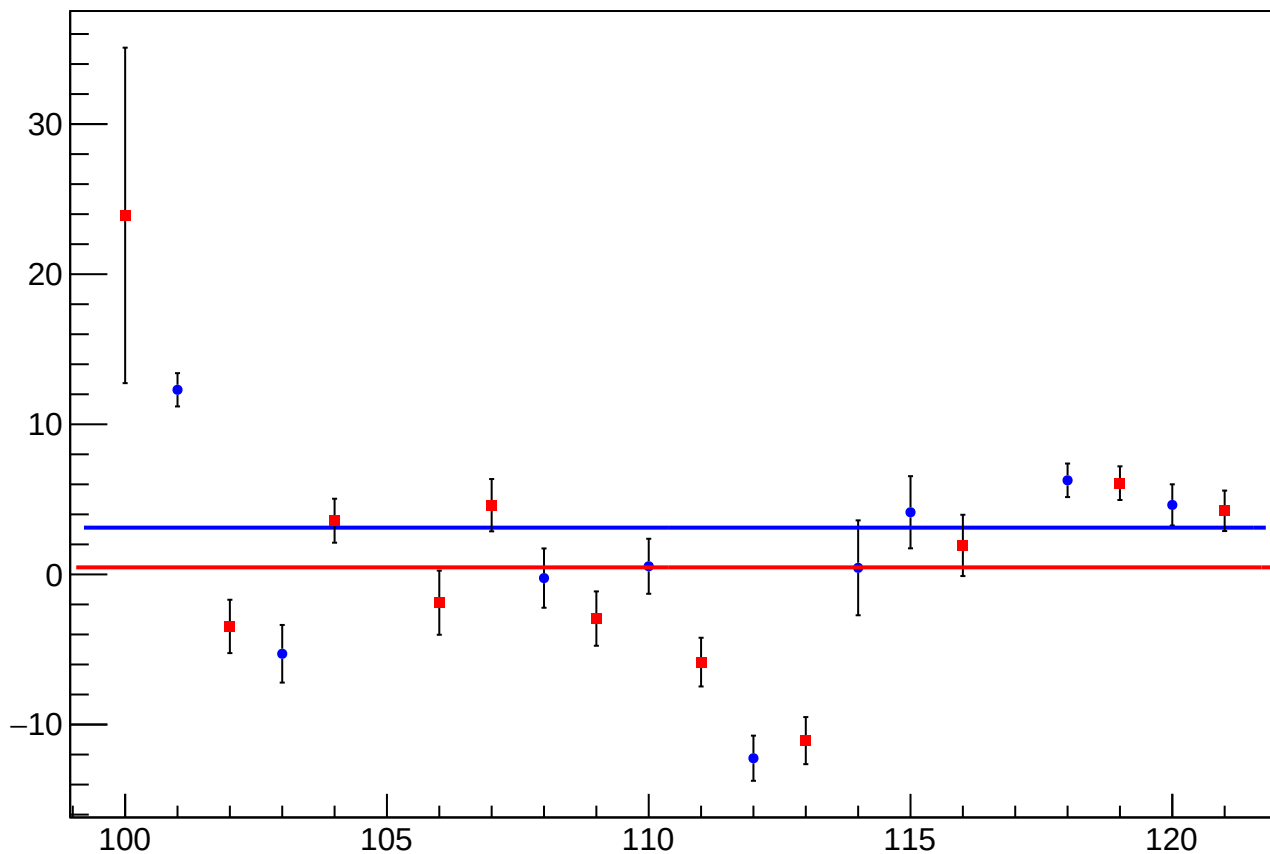
Right: 74.176+/-0.317 χ^2/NDF : 2949.4/19

In: 71.031+/-0.459 χ^2/NDF : 1597.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.176+/-0.317 χ^2/NDF : 2949.4/19

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.116+/-0.521 χ^2/NDF : 206.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.470+/-0.499 χ^2/NDF : 126.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

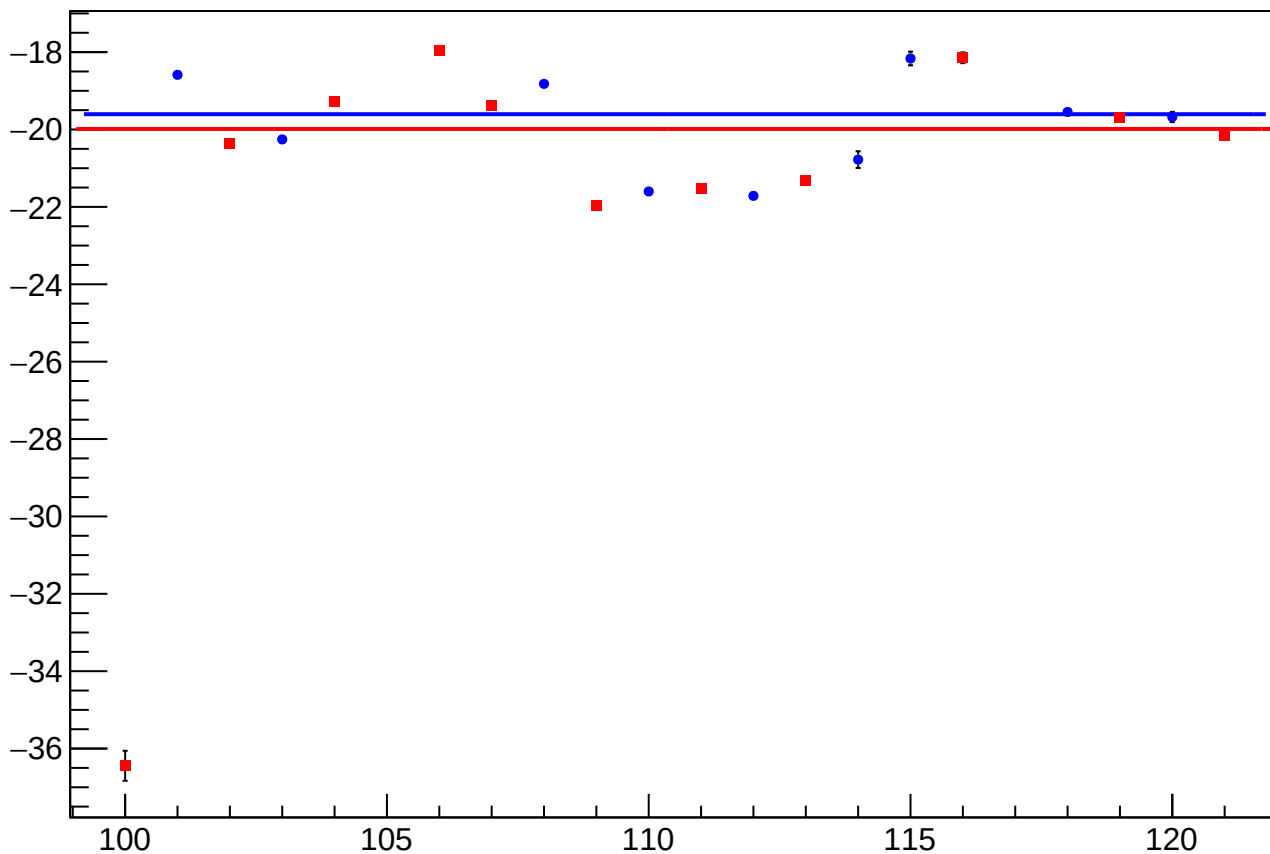
Right: 1.736+/-0.360 χ^2/NDF : 347.2/19

In: 3.116+/-0.521 χ^2/NDF :206.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.736+/-0.360 χ^2/NDF : 347.2/19

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.605+/-0.027 χ^2/NDF : 1545.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.985+/-0.025 χ^2/NDF : 3761.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

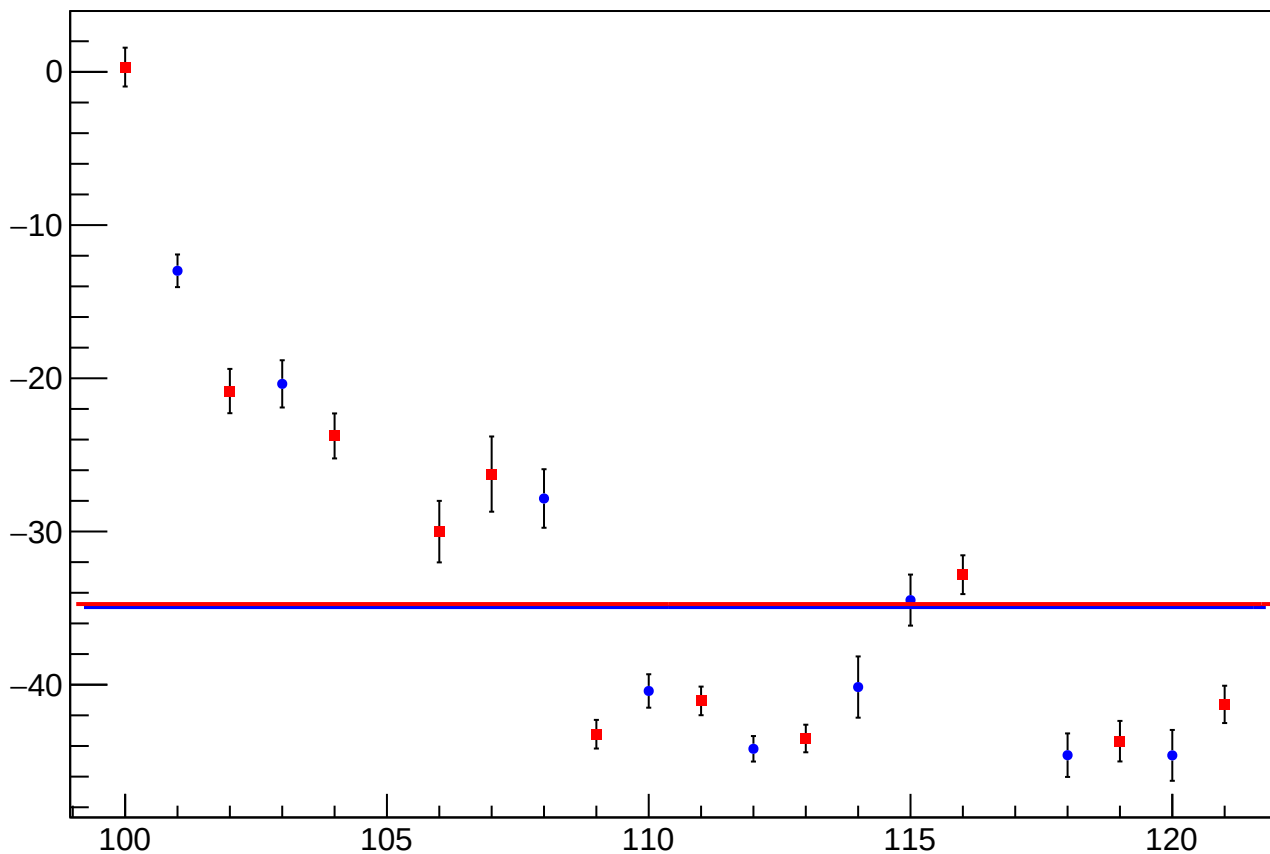
Right: -19.806+/-0.018 χ^2/NDF : 5412.9/19

In: -19.605+/-0.027 χ^2/NDF : 1545.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.806+/-0.018 χ^2/NDF : 5412.9/19

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.932+/-0.433 χ^2/NDF : 763.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.736+/-0.368 χ^2/NDF : 1230.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

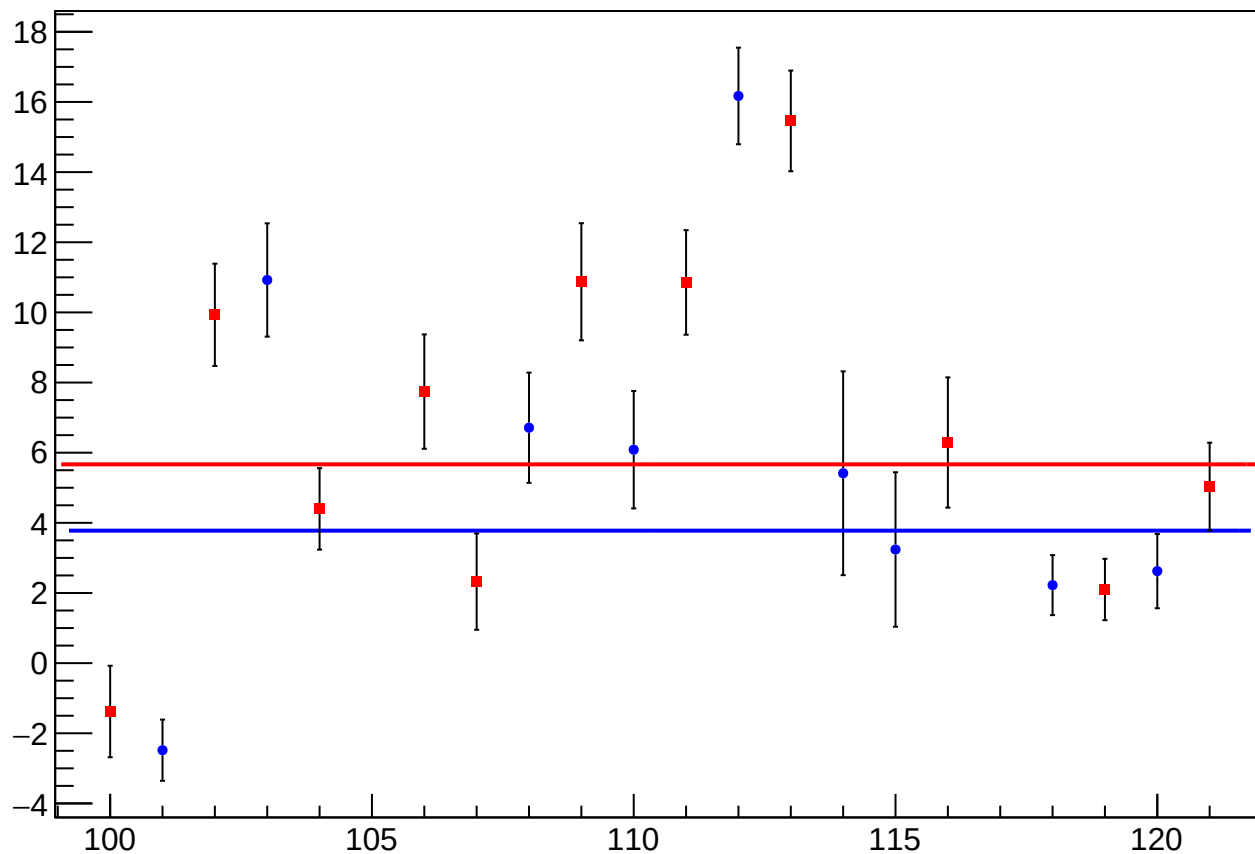
Right: -34.818+/-0.281 χ^2/NDF : 1993.8/19

In: -34.932+/-0.433 χ^2/NDF : 763.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.818+/-0.281 χ^2/NDF : 1993.8/19

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.777+/-0.424 χ^2/NDF : 162.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.668+/-0.401 χ^2/NDF : 131.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

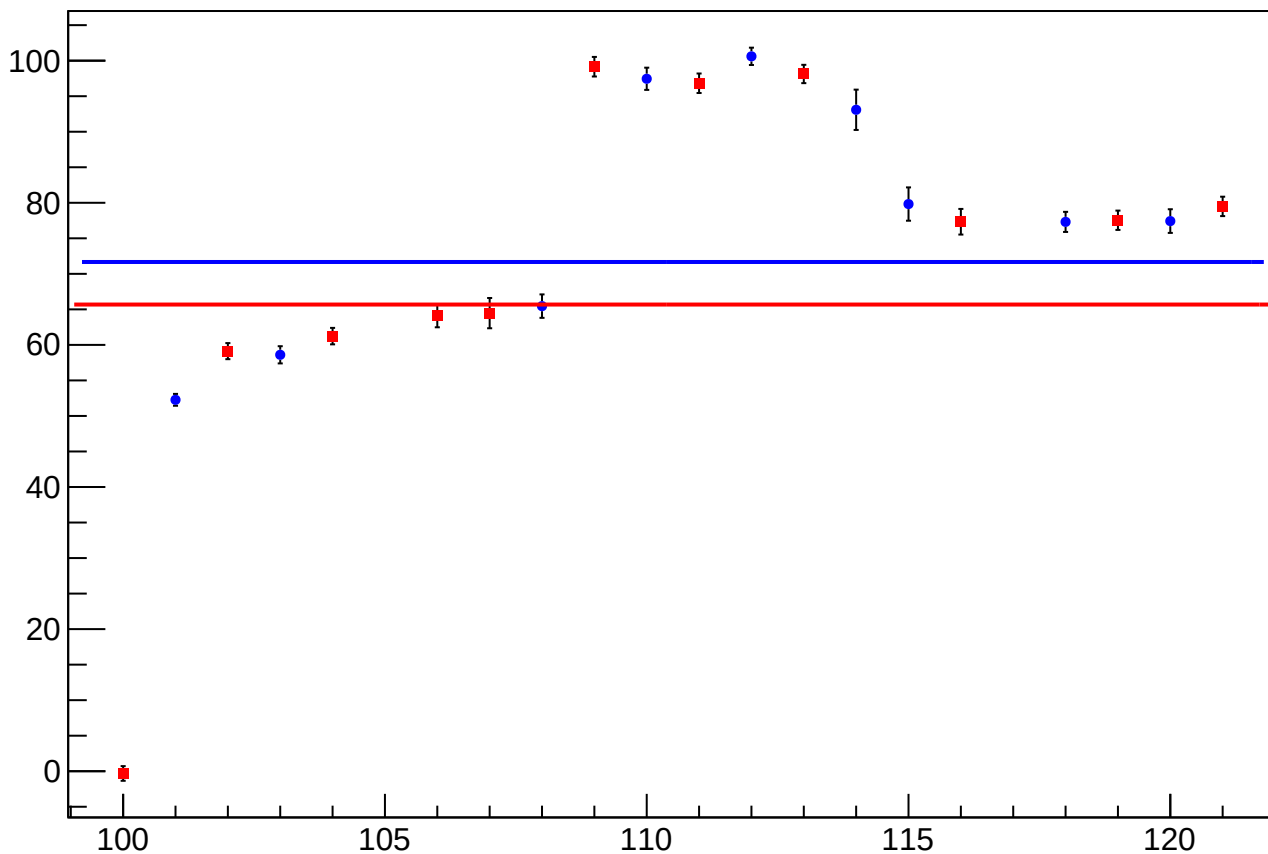
Right: 4.776+/-0.291 χ^2/NDF : 304.6/19

In: 3.777+/-0.424 χ^2/NDF : 162.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.776+/-0.291 χ^2/NDF : 304.6/19

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.668 $\pm$ 0.459 χ^2 /NDF: 1604.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.679 $\pm$ 0.405 χ^2 /NDF: 6088.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

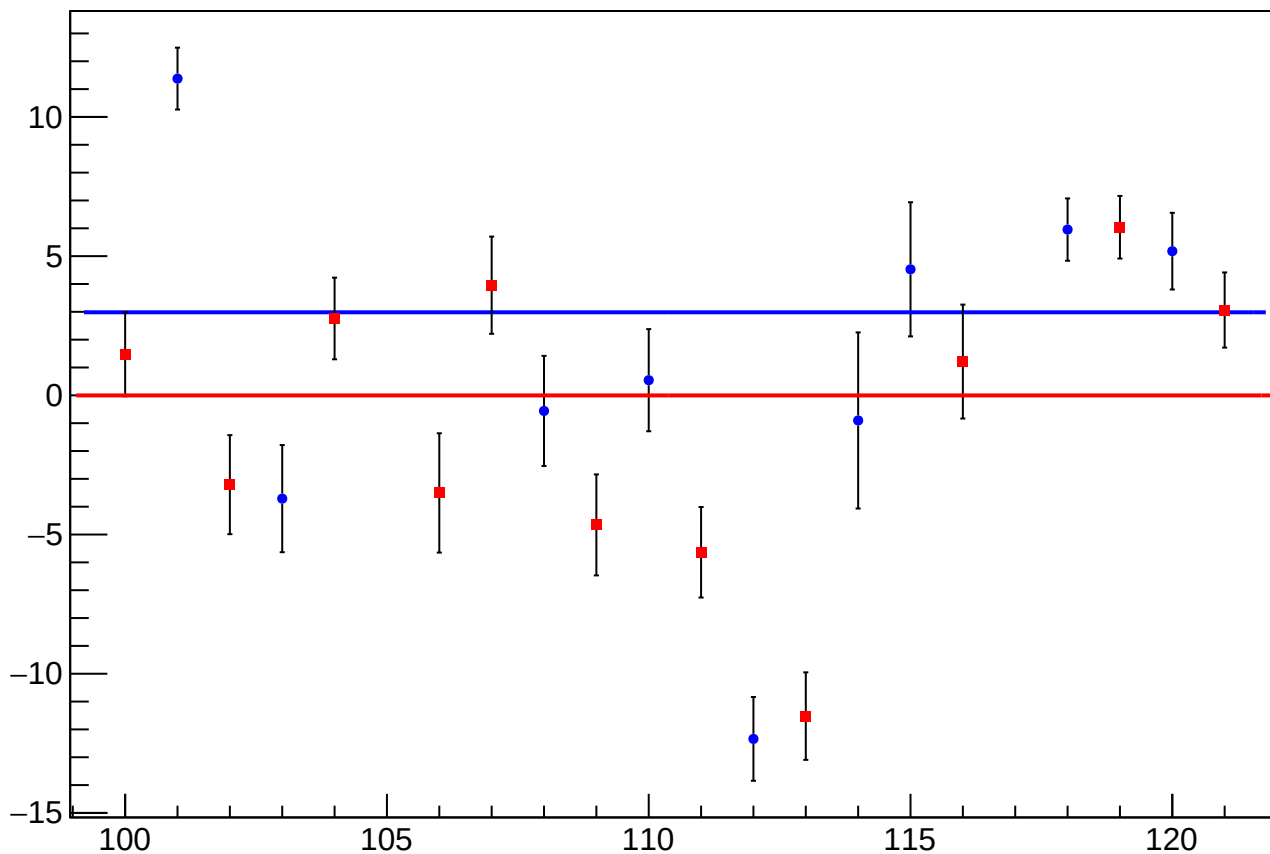
Right: 68.297 $\pm$ 0.304 χ^2 /NDF: 7788.4/19

In: 71.668 $\pm$ 0.459 χ^2 /NDF:1604.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.297 $\pm$ 0.304 χ^2 /NDF: 7788.4/19

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.983+/-0.522 χ^2/NDF : 189.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.475 χ^2/NDF : 122.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

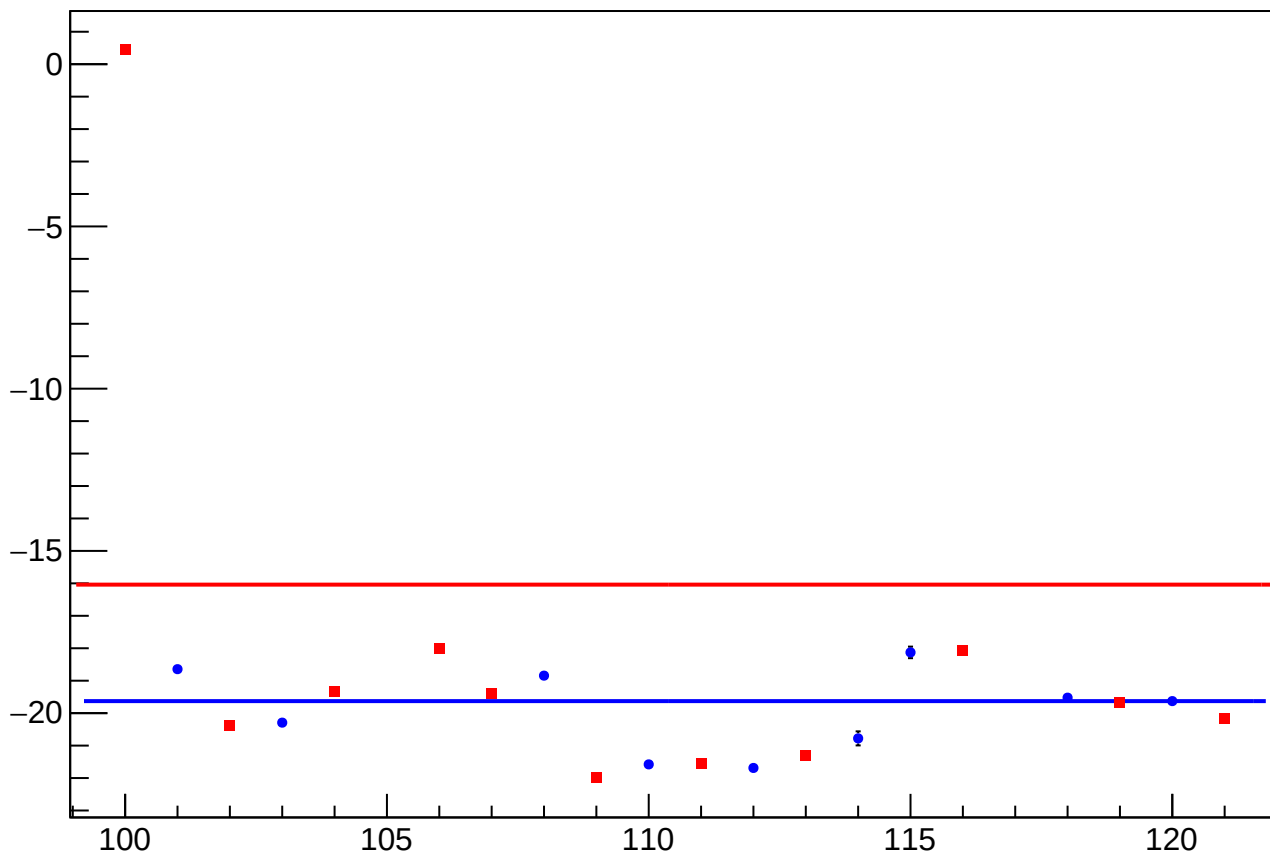
Right: 1.350+/-0.351 χ^2/NDF : 329.5/19

In: 2.983+/-0.522 χ^2/NDF : 189.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.350+/-0.351 χ^2/NDF : 329.5/19

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.629 ± 0.027 $\chi^2/\text{NDF}: 1491.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.039 ± 0.023 $\chi^2/\text{NDF}: 124817.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

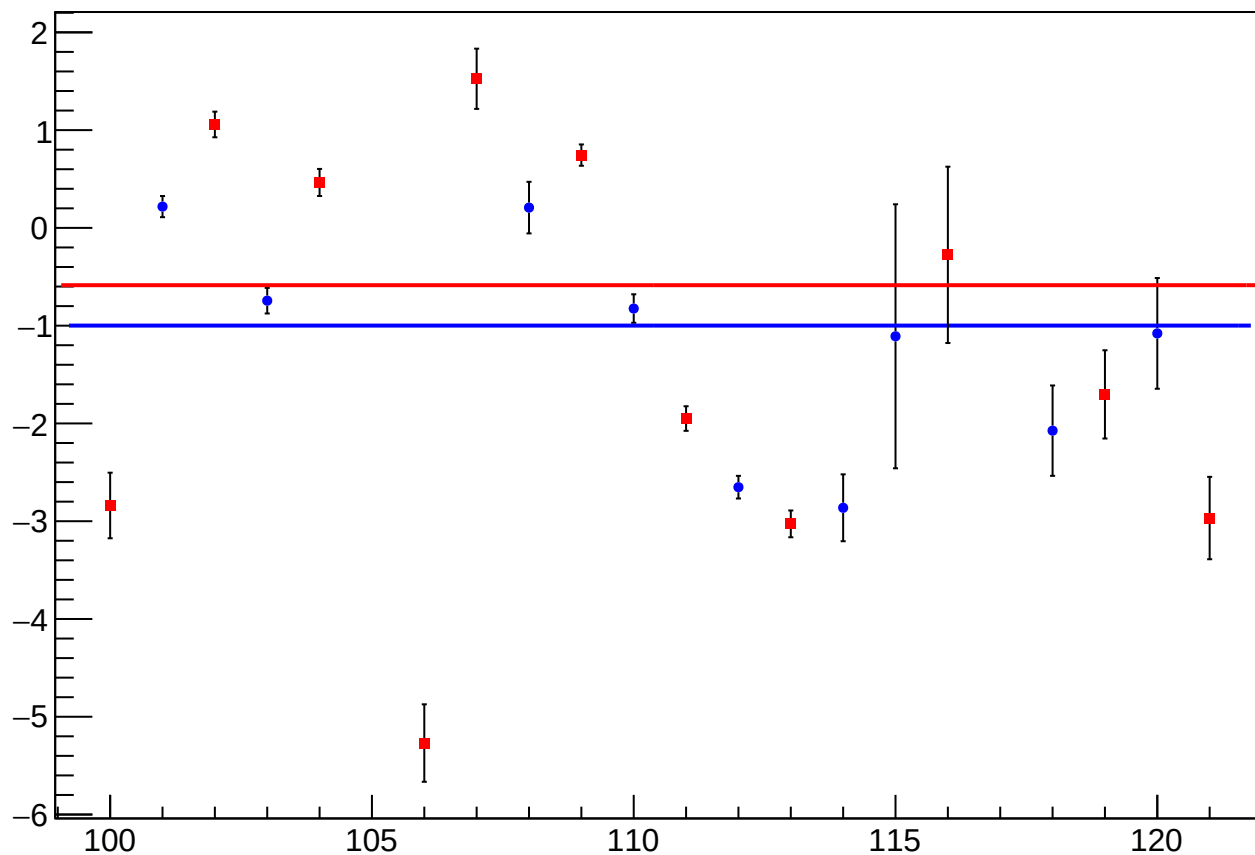
Right: -17.543 ± 0.017 $\chi^2/\text{NDF}: 136618.2/19$

In: -19.629 ± 0.027 $\chi^2/\text{NDF}: 1491.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.543 ± 0.017 $\chi^2/\text{NDF}: 136618.2/19$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.999 $\pm$ 0.058 χ^2 /NDF: 391.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.586 $\pm$ 0.054 χ^2 /NDF: 1068.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

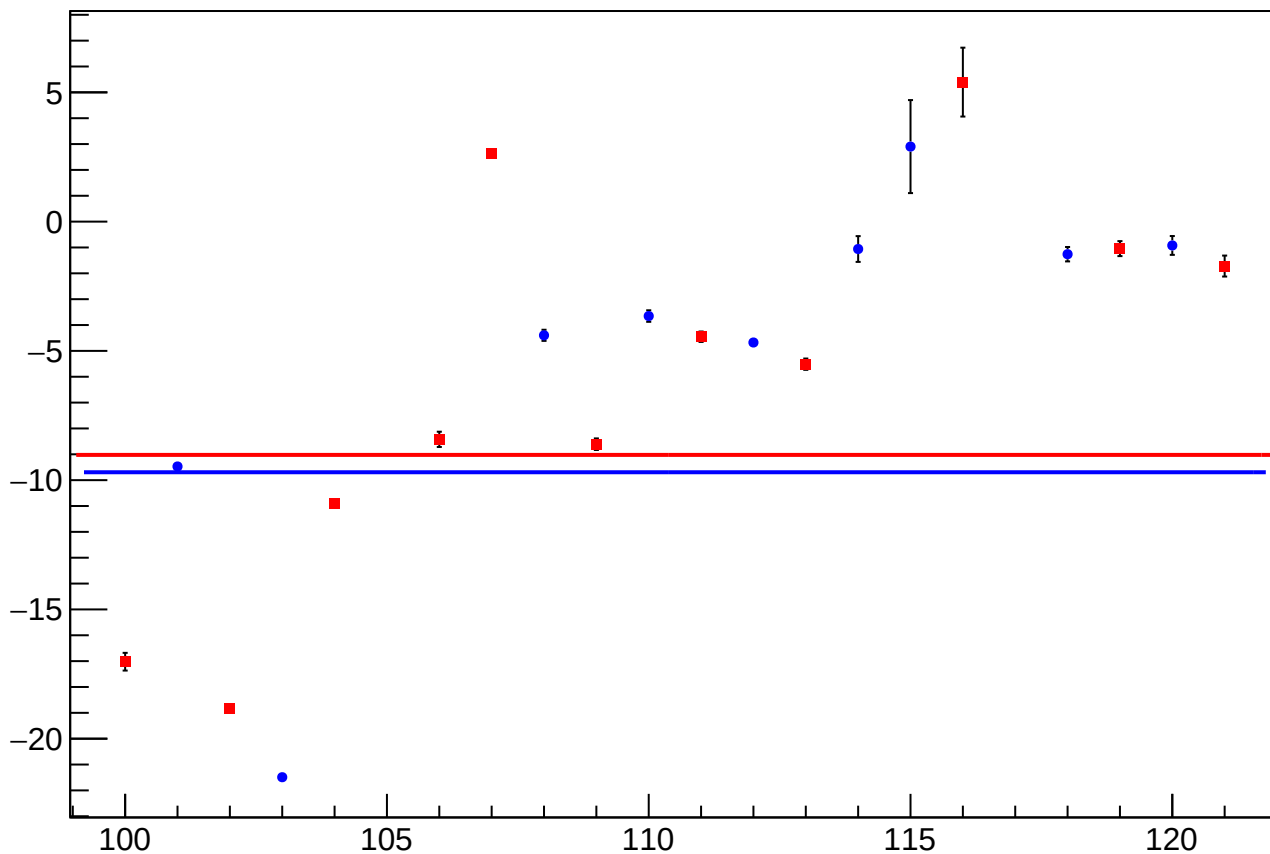
Right: -0.776 $\pm$ 0.039 χ^2 /NDF: 1487.8/19

In: -0.999 $\pm$ 0.058 χ^2 /NDF:391.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.776 $\pm$ 0.039 χ^2 /NDF: 1487.8/19

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.694 ± 0.061 χ^2/NDF : 11098.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.023 ± 0.062 χ^2/NDF : 12392.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

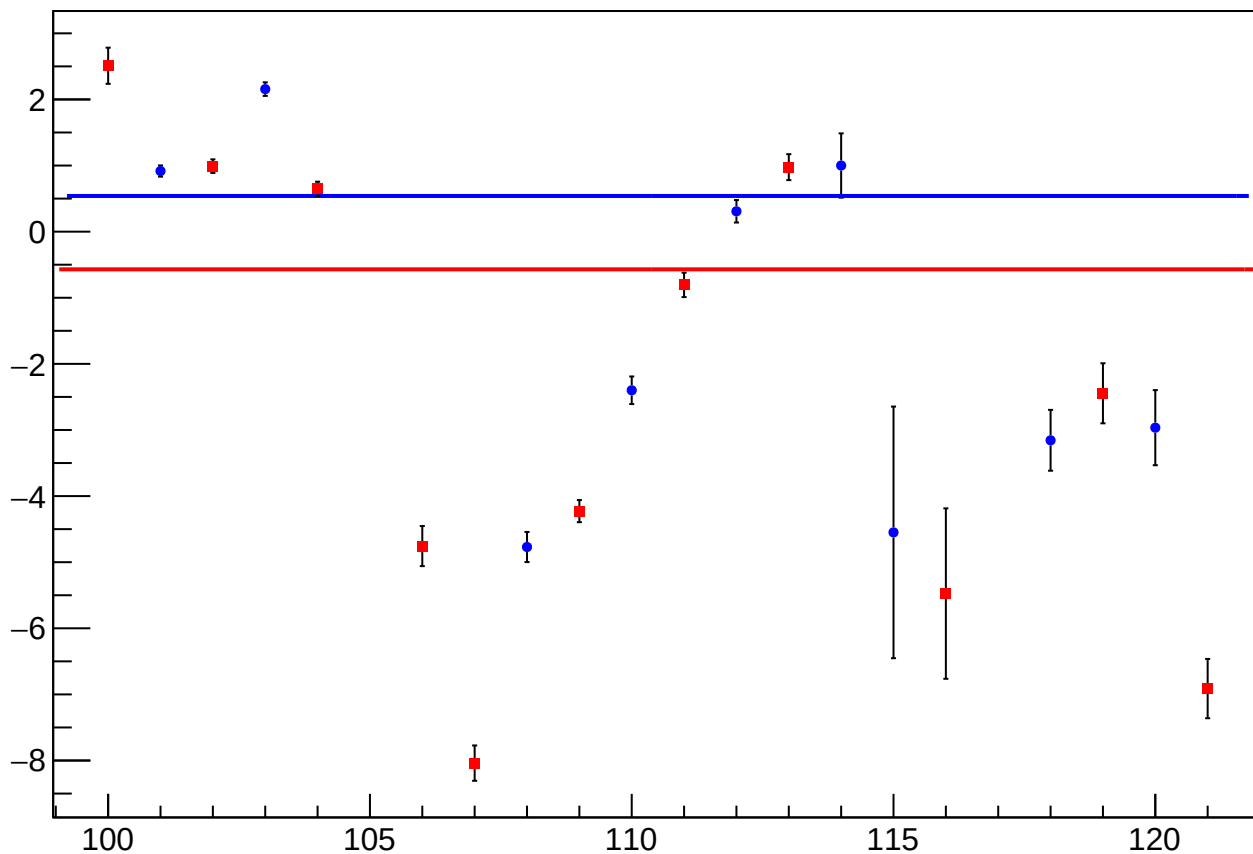
Right: -9.365 ± 0.043 χ^2/NDF : 23551.6/19

In: -9.694 ± 0.061 χ^2/NDF : 11098.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.365 ± 0.043 χ^2/NDF : 23551.6/19

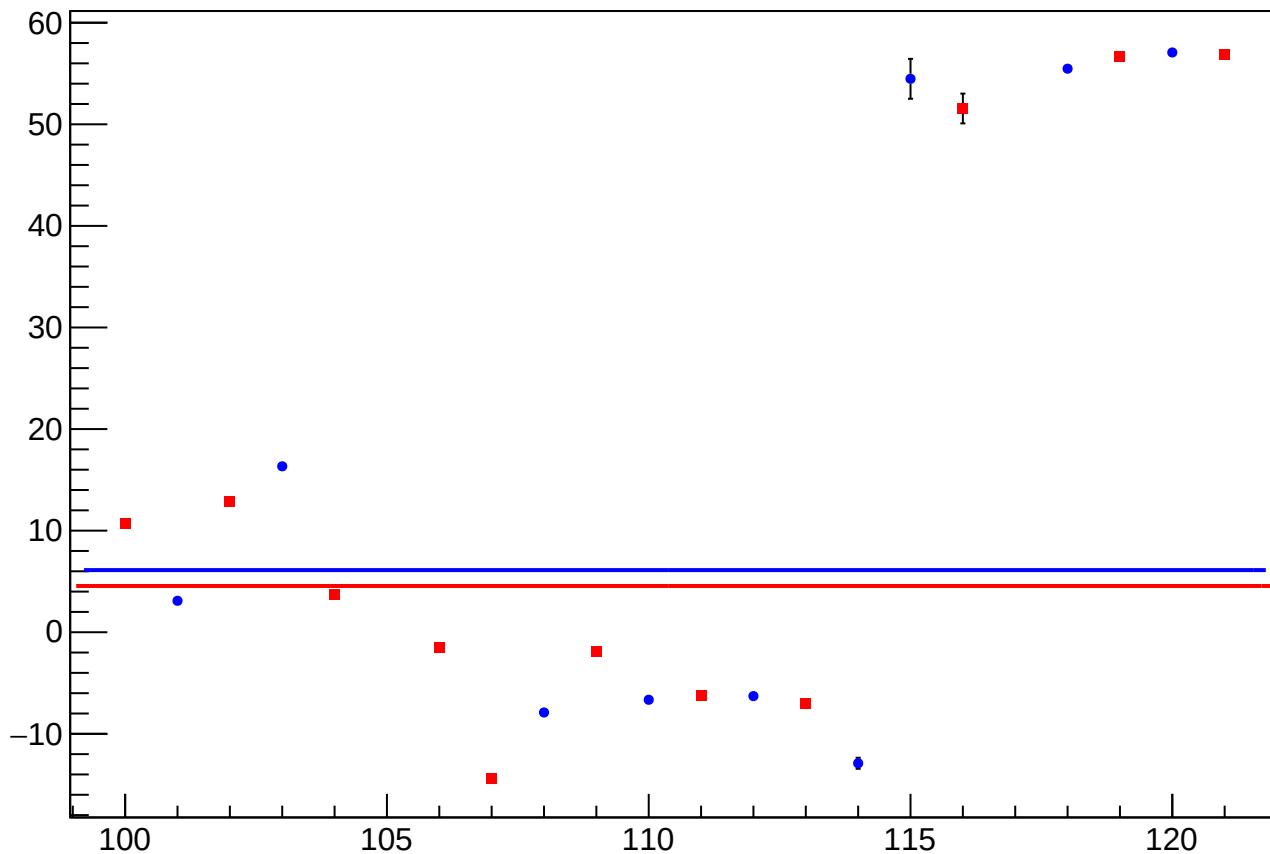
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.540 ± 0.056 $\chi^2/\text{NDF}: 1122.0/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.570 ± 0.056 $\chi^2/\text{NDF}: 2226.5/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.010 ± 0.039 $\chi^2/\text{NDF}: 3546.2/19$
 In: 0.540 ± 0.056 $\chi^2/\text{NDF}: 1122.0/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.010 ± 0.039 $\chi^2/\text{NDF}: 3546.2/19$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.117+/-0.073 χ^2/NDF : 45353.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.554+/-0.073 χ^2/NDF : 50331.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

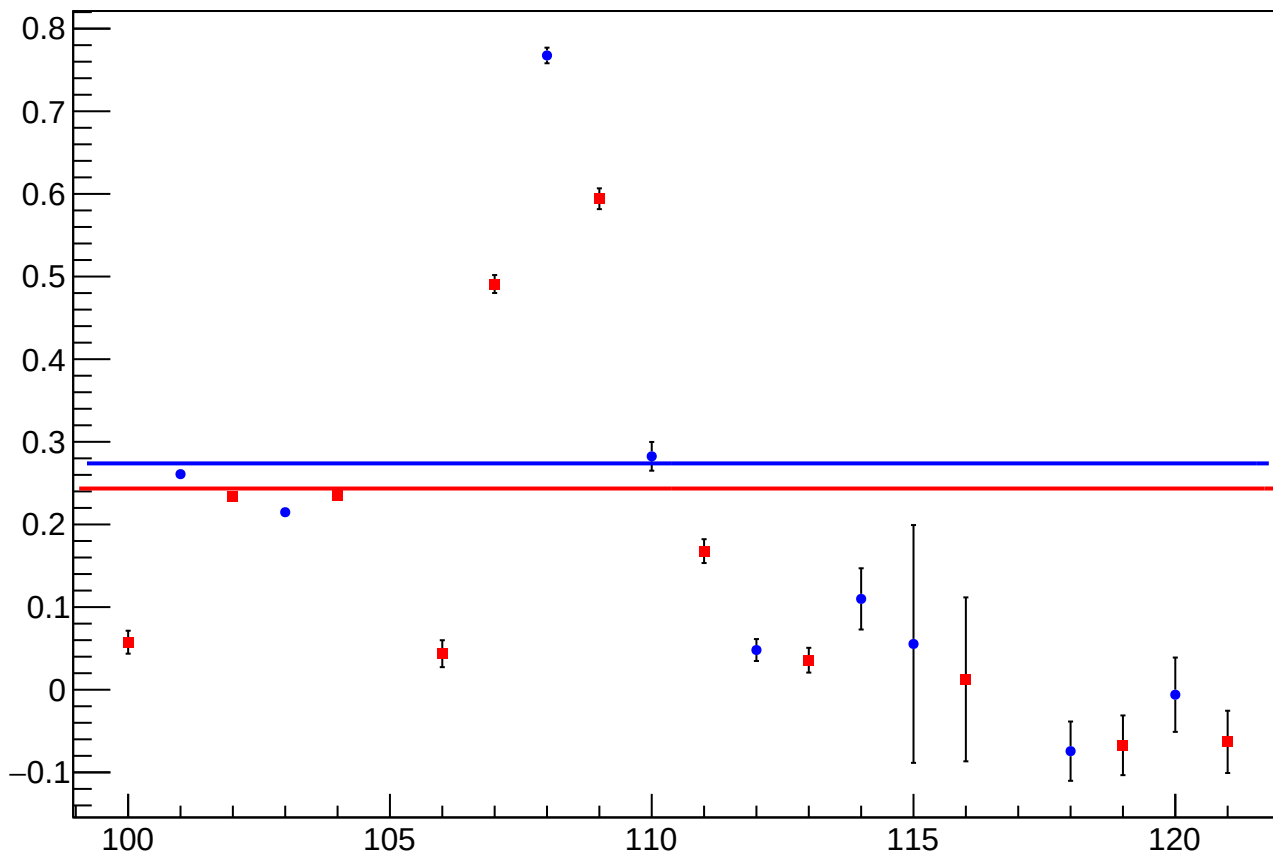
Right: 5.334+/-0.052 χ^2/NDF : 95912.1/19

In: 6.117+/-0.073 χ^2/NDF : 45353.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.334+/-0.052 χ^2/NDF : 95912.1/19

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.274+/-0.003 χ^2/NDF : 3383.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.244+/-0.003 χ^2/NDF : 1999.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

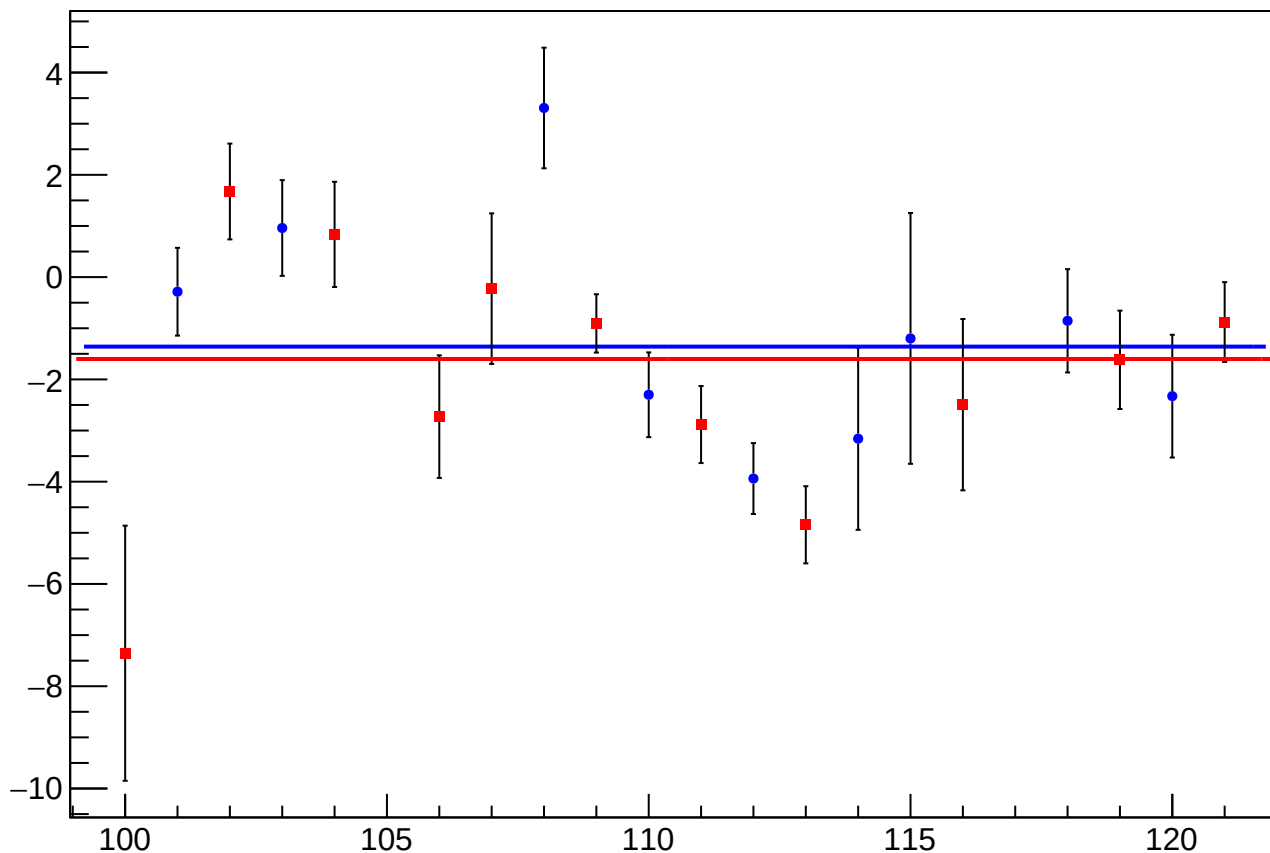
Right: 0.258+/-0.002 χ^2/NDF : 5438.2/19

In: 0.274+/-0.003 χ^2/NDF : 3383.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.258+/-0.002 χ^2/NDF : 5438.2/19

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.359 ± 0.335 $\chi^2/\text{NDF}: 40.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.601 ± 0.276 $\chi^2/\text{NDF}: 48.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

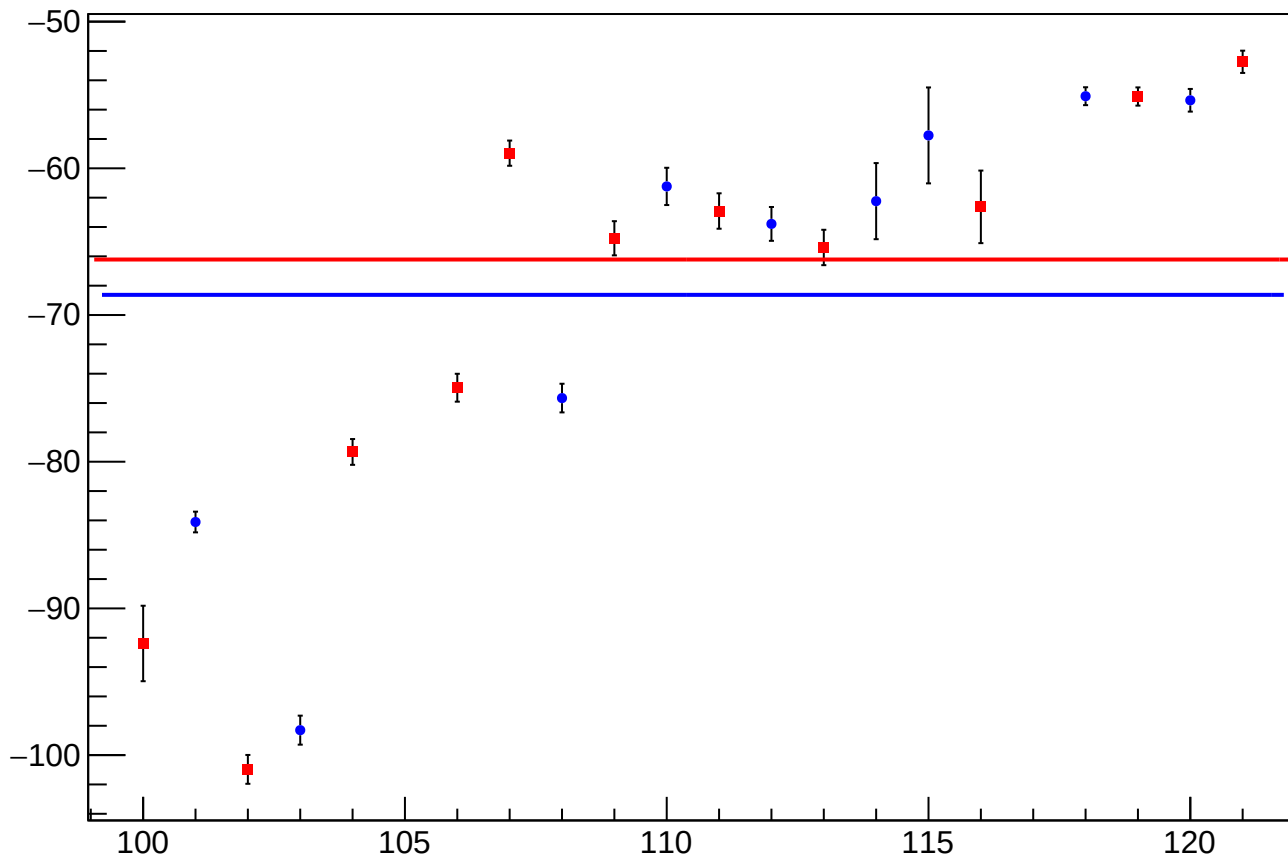
Right: -1.503 ± 0.213 $\chi^2/\text{NDF}: 89.7/19$

In: -1.359 ± 0.335 $\chi^2/\text{NDF}: 40.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.503 ± 0.213 $\chi^2/\text{NDF}: 89.7/19$

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -68.625+/-0.315 χ^2/NDF : 2289.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.217+/-0.294 χ^2/NDF : 2379.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

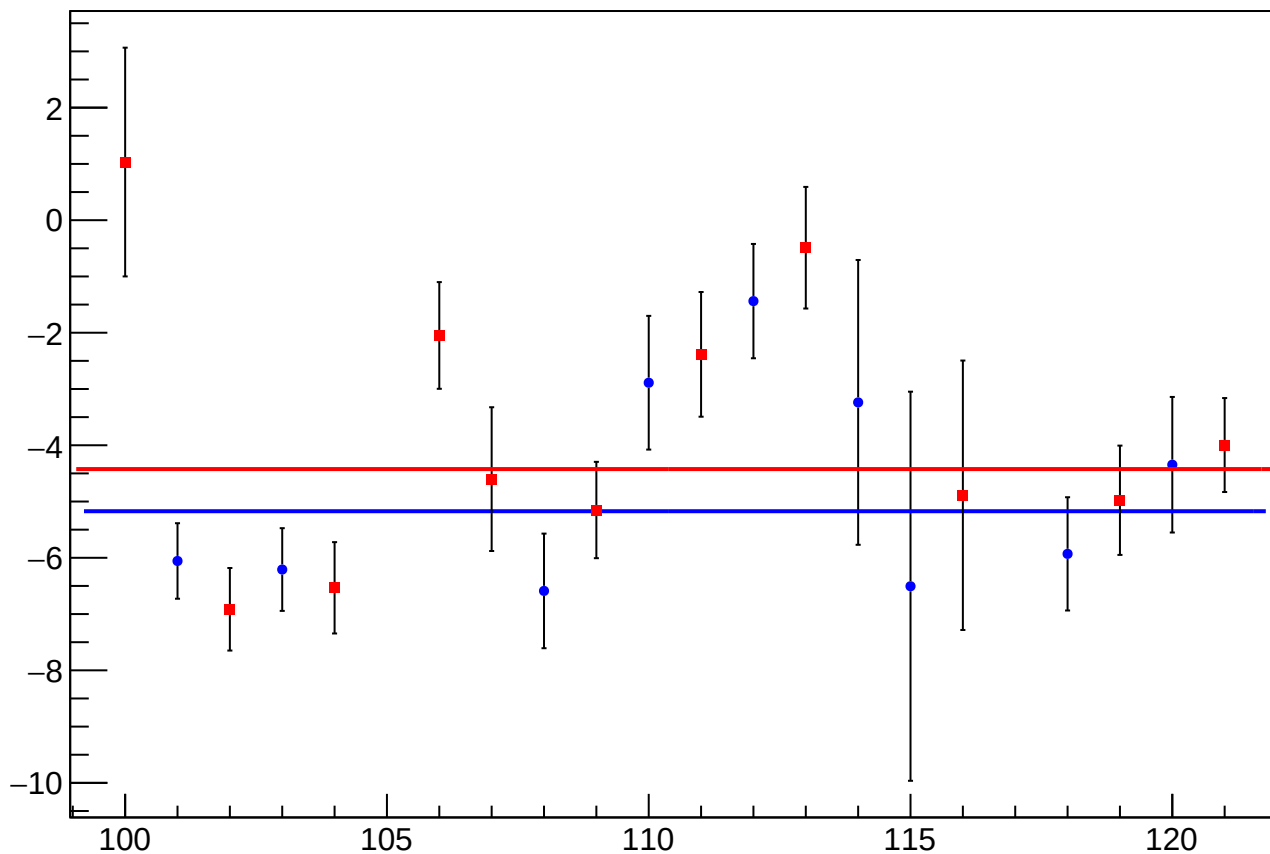
Right: -67.338+/-0.215 χ^2/NDF : 4699.8/19

In: -68.625+/-0.315 χ^2/NDF : 2289.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.338+/-0.215 χ^2/NDF : 4699.8/19

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.172 $\pm$ 0.340 χ^2 /NDF: 24.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.423 $\pm$ 0.301 χ^2 /NDF: 49.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

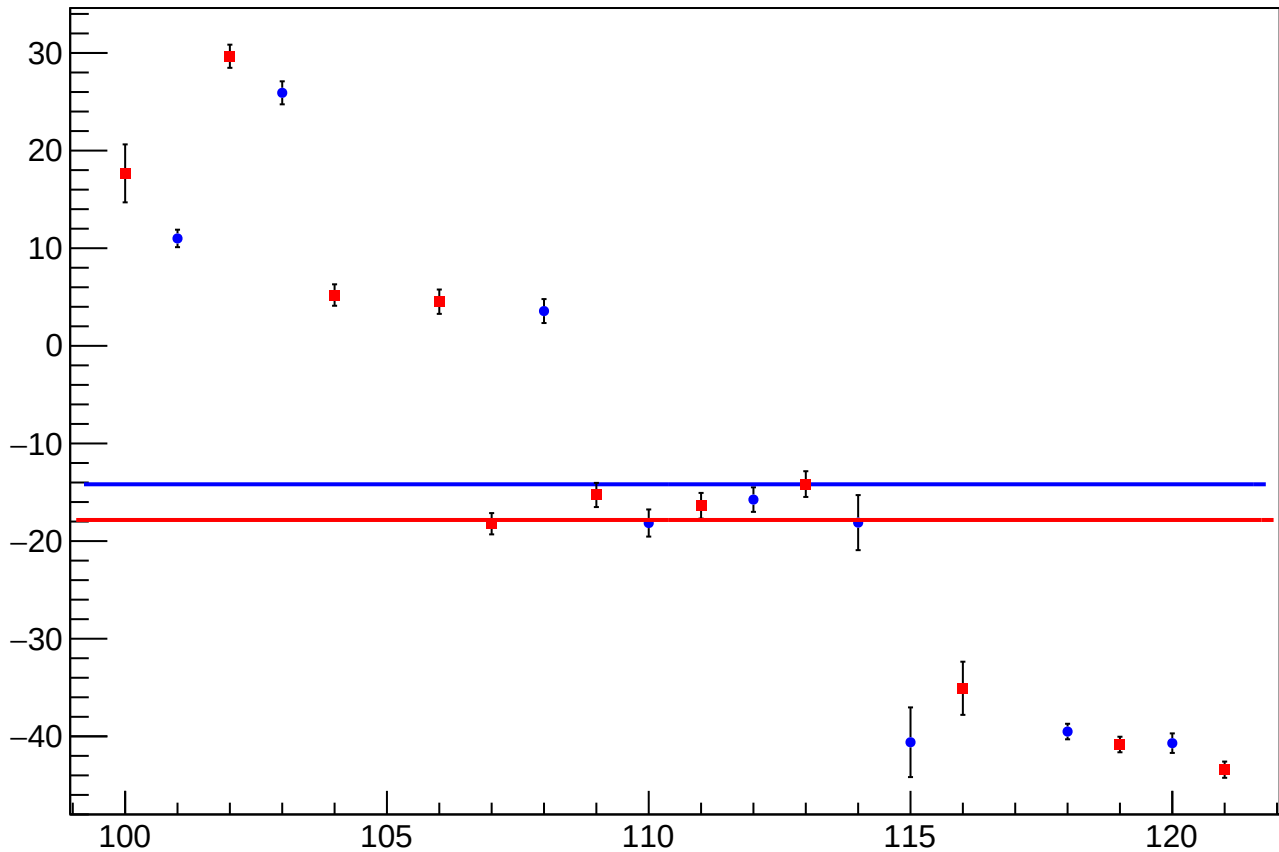
Right: -4.752 $\pm$ 0.225 χ^2 /NDF: 77.1/19

In: -5.172 $\pm$ 0.340 χ^2 /NDF:24.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.752 $\pm$ 0.225 χ^2 /NDF: 77.1/19

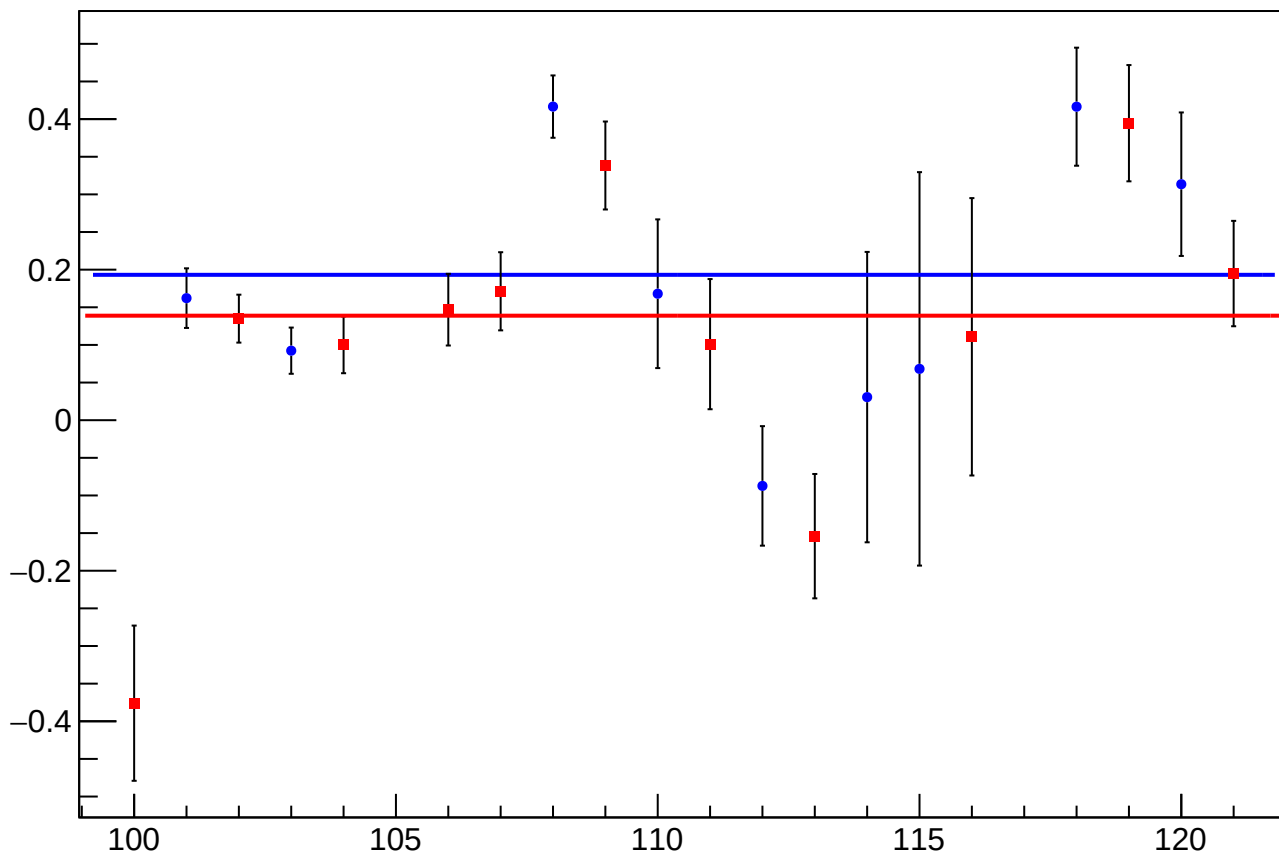
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.182 $\pm$ 0.390 χ^2 /NDF: 3938.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -17.837 $\pm$ 0.351 χ^2 /NDF: 4342.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -16.202 $\pm$ 0.261 χ^2 /NDF: 8328.7/19
 In: -14.182 $\pm$ 0.390 χ^2 /NDF:3938.2/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -16.202 $\pm$ 0.261 χ^2 /NDF: 8328.7/19

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.019 χ^2/NDF : 63.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.139+/-0.017 χ^2/NDF : 62.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

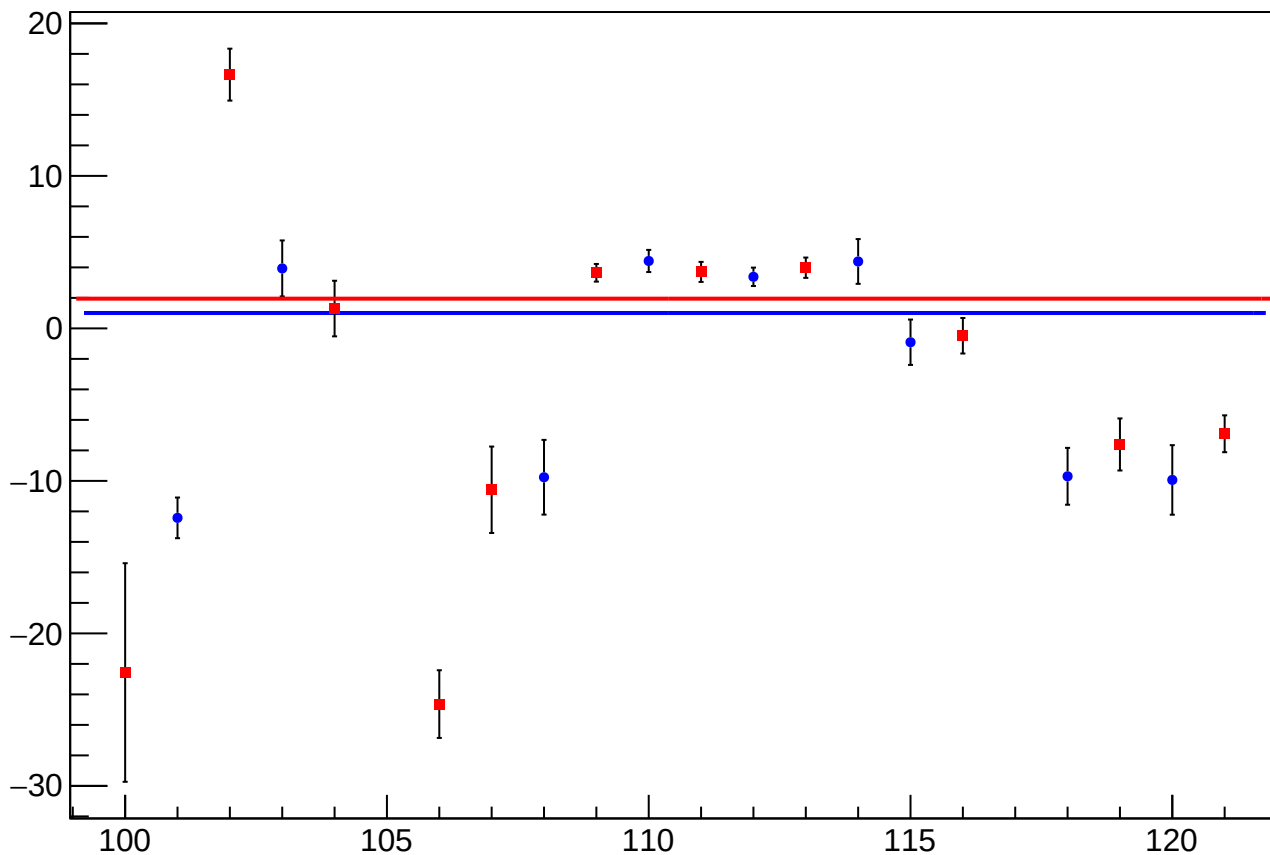
Right: 0.163+/-0.012 χ^2/NDF : 130.8/19

In: 0.193+/-0.019 χ^2/NDF : 63.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.012 χ^2/NDF : 130.8/19

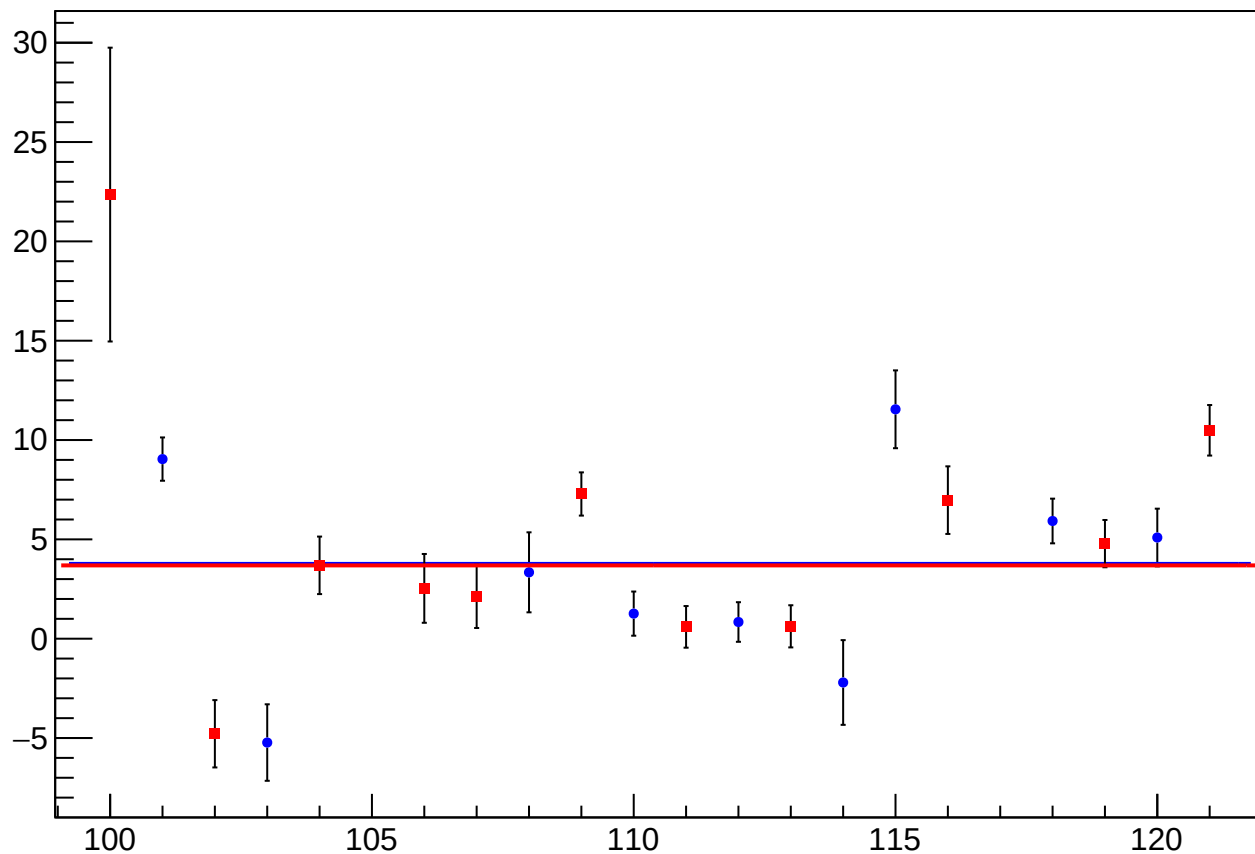
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.011+/-0.376 χ^2/NDF : 223.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.950+/-0.311 χ^2/NDF : 363.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.568+/-0.240 χ^2/NDF : 591.3/19
 In: 1.011+/-0.376 χ^2/NDF : 223.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.568+/-0.240 χ^2/NDF : 591.3/19

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.764+/-0.451 χ^2/NDF : 87.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.690+/-0.412 χ^2/NDF : 93.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

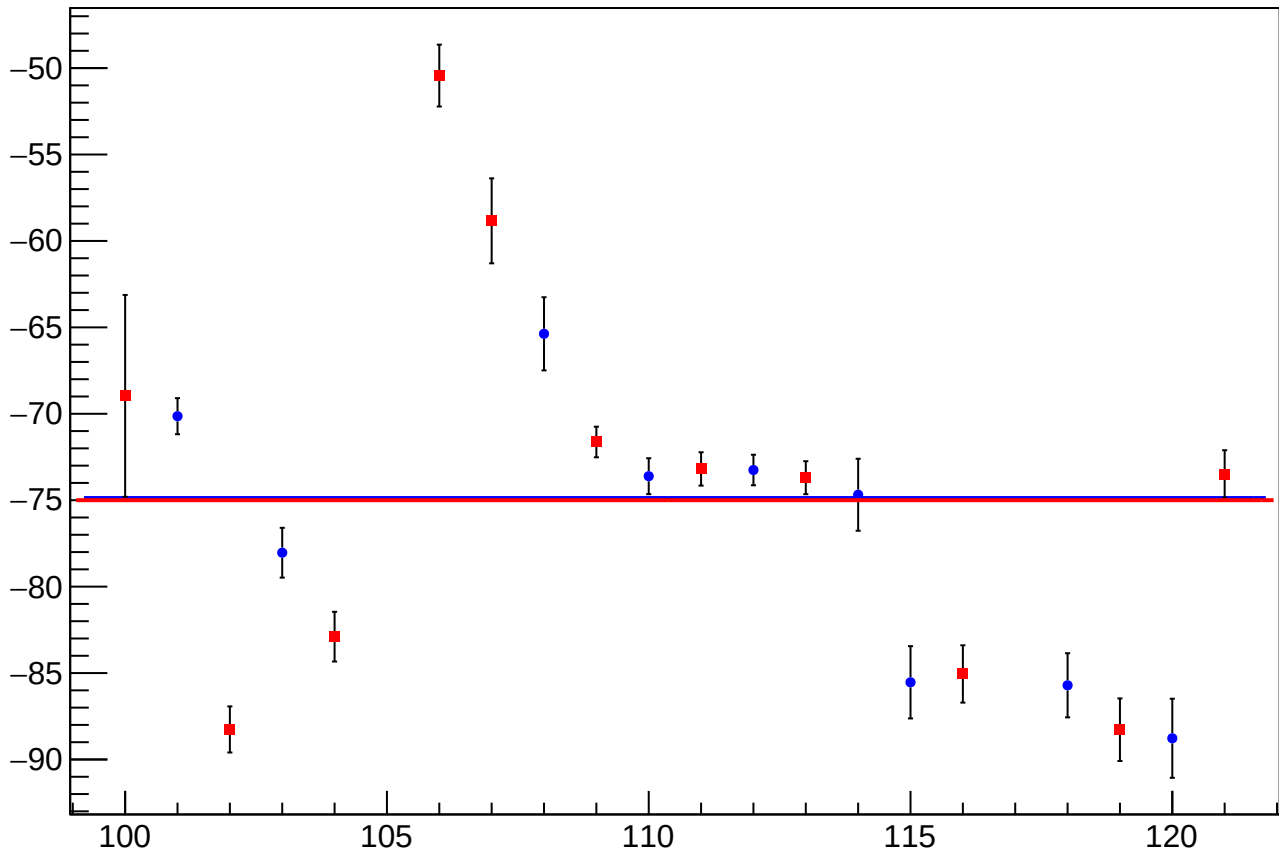
Right: 3.724+/-0.304 χ^2/NDF : 181.1/19

In: 3.764+/-0.451 χ^2/NDF : 87.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.724+/-0.304 χ^2/NDF : 181.1/19

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.875 $\pm$ 0.458 χ^2 /NDF: 147.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -74.998 $\pm$ 0.402 χ^2 /NDF: 473.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

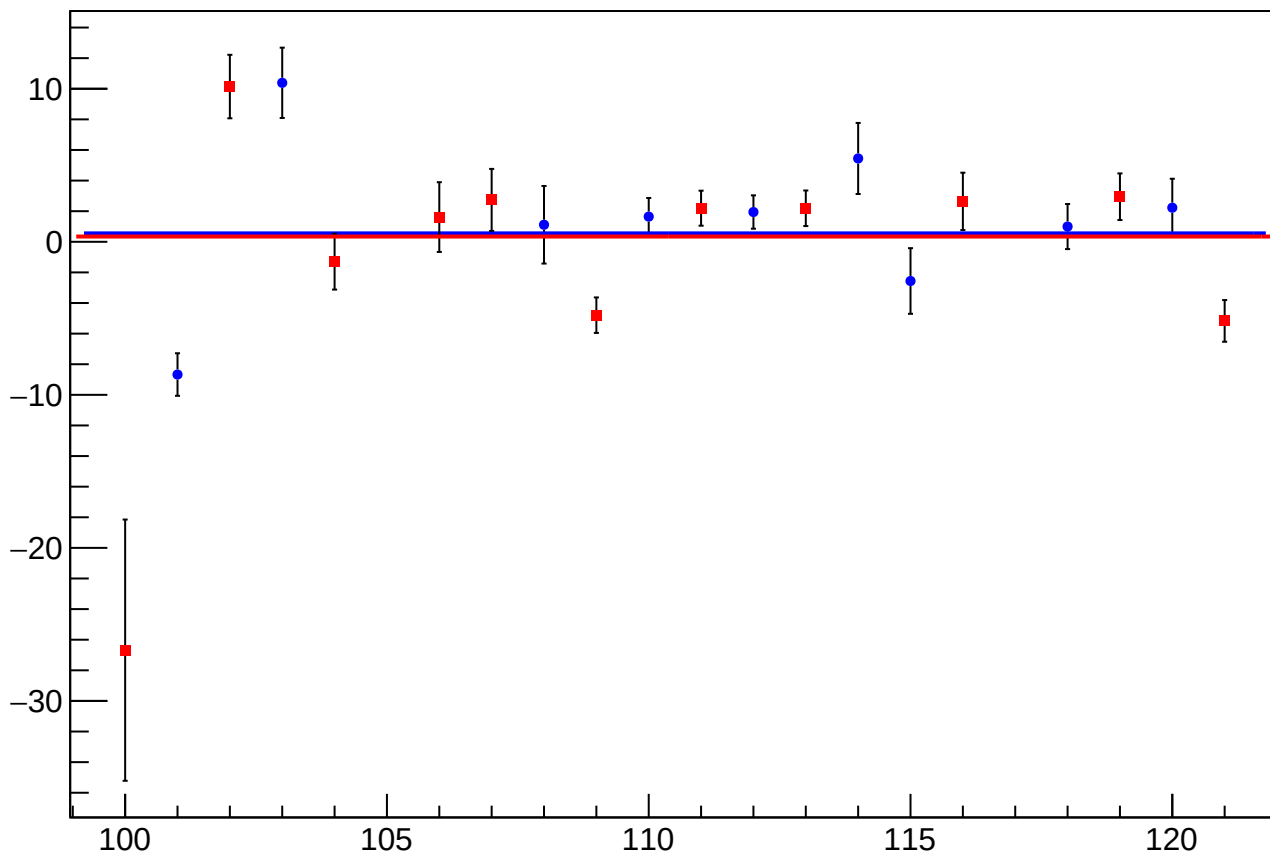
Right: -74.945 $\pm$ 0.302 χ^2 /NDF: 620.9/19

In: -74.875 $\pm$ 0.458 χ^2 /NDF:147.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.945 $\pm$ 0.302 χ^2 /NDF: 620.9/19

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.550+/-0.533 χ^2/NDF : 72.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.345+/-0.472 χ^2/NDF : 80.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

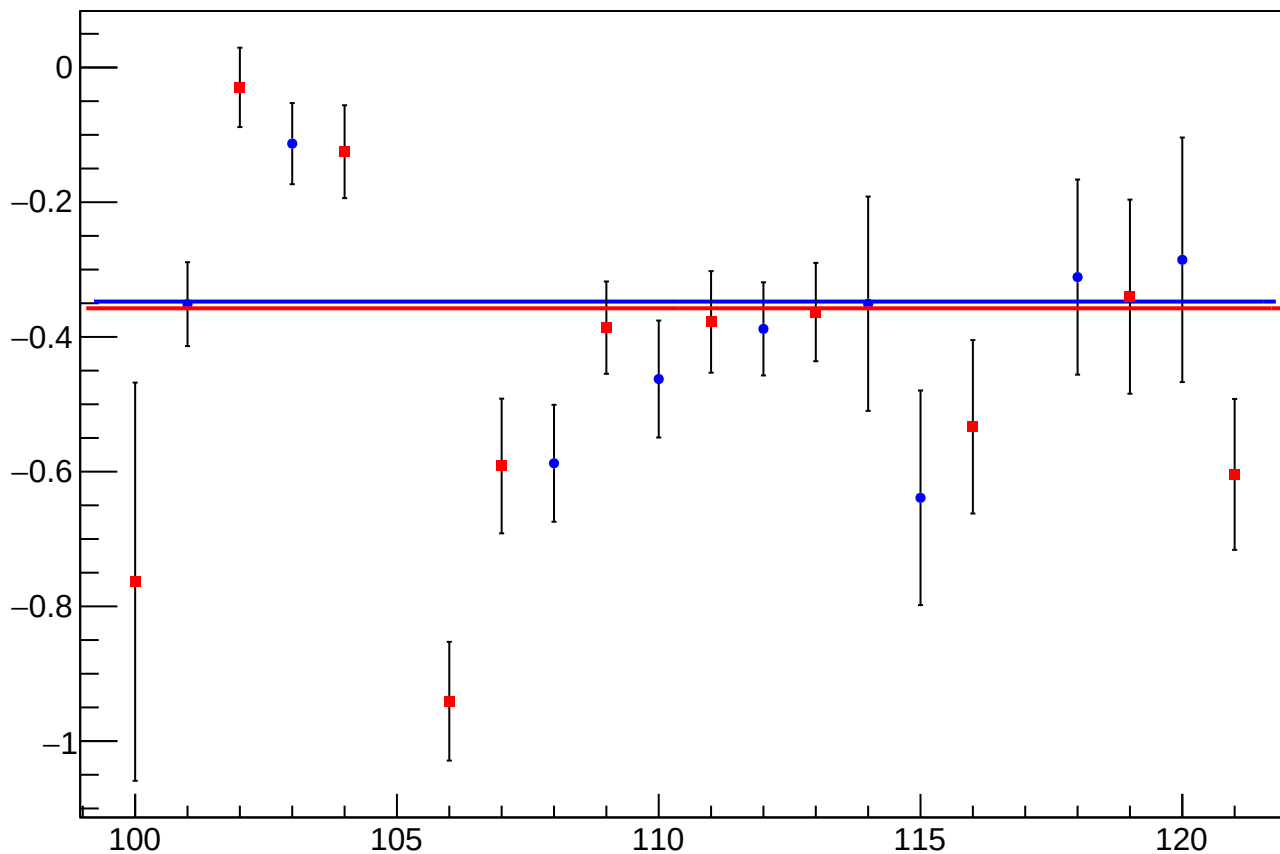
Right: 0.435+/-0.353 χ^2/NDF : 152.8/19

In: 0.550+/-0.533 χ^2/NDF : 72.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.435+/-0.353 χ^2/NDF : 152.8/19

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.347+/-0.029 χ^2/NDF : 28.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.357+/-0.026 χ^2/NDF : 100.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

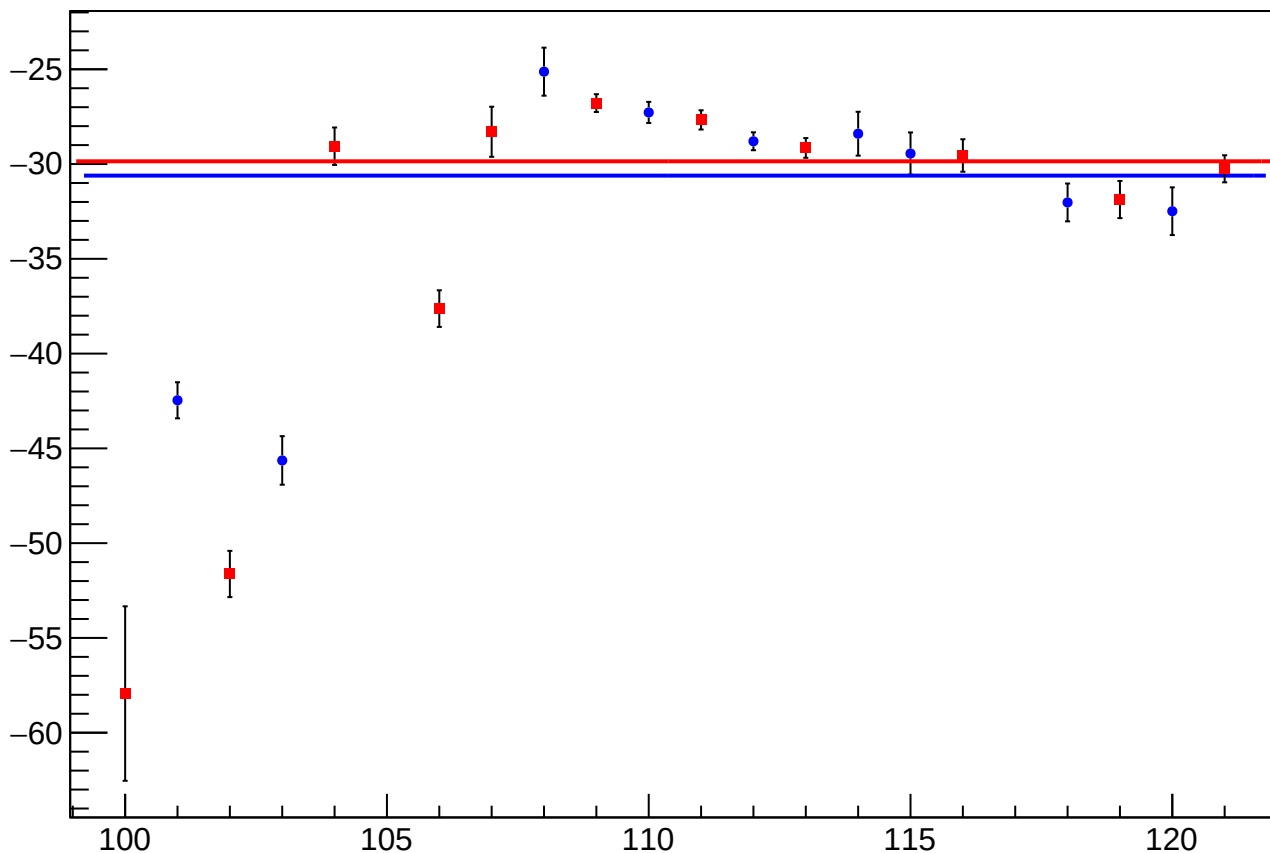
Right: -0.353+/-0.019 χ^2/NDF : 129.0/19

In: -0.347+/-0.029 χ^2/NDF : 28.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.353+/-0.019 χ^2/NDF : 129.0/19

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.610 $\pm$ 0.275 χ^2 /NDF: 370.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.855 $\pm$ 0.224 χ^2 /NDF: 490.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

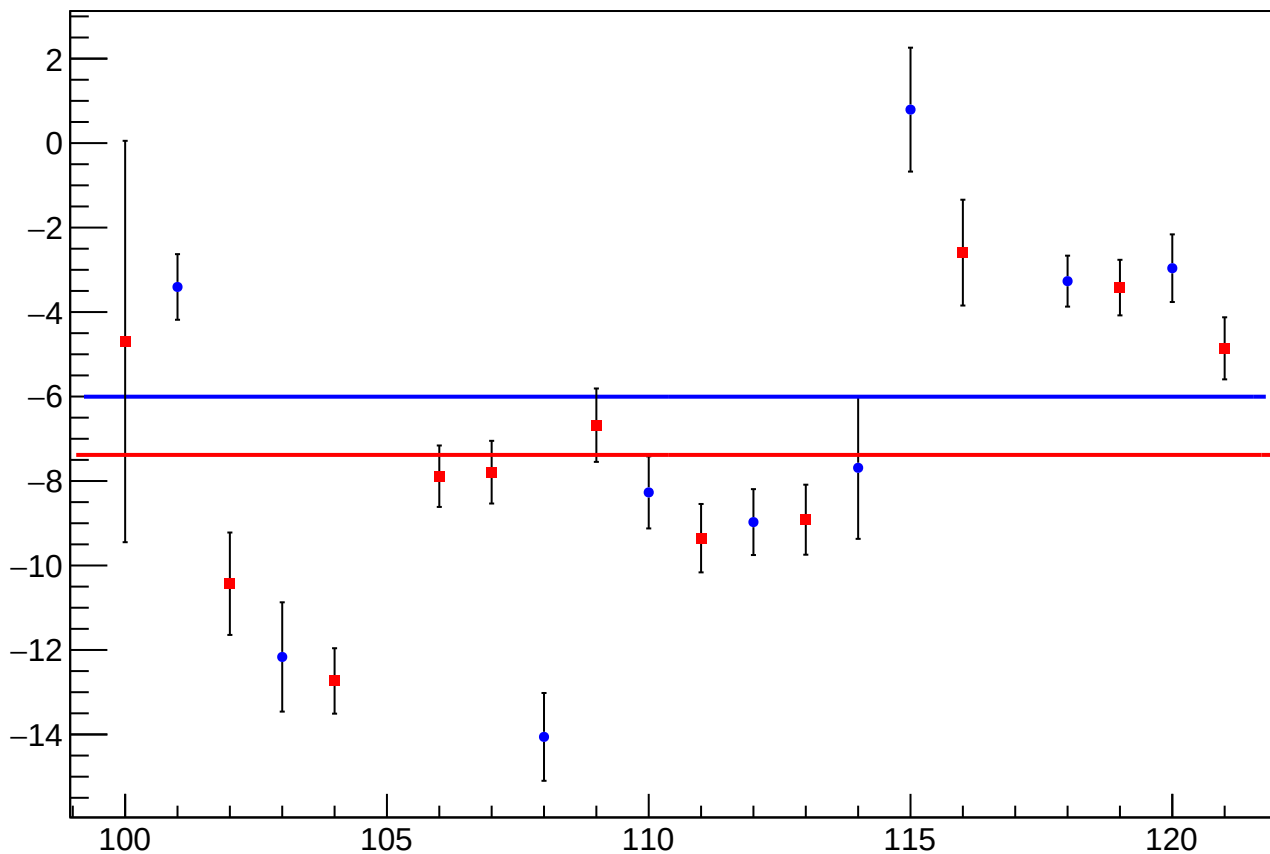
Right: -30.157 $\pm$ 0.174 χ^2 /NDF: 865.4/19

In: -30.610 $\pm$ 0.275 χ^2 /NDF:370.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.157 $\pm$ 0.174 χ^2 /NDF: 865.4/19

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.004 $\pm$ 0.297 χ^2 /NDF: 172.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.382 $\pm$ 0.256 χ^2 /NDF: 127.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

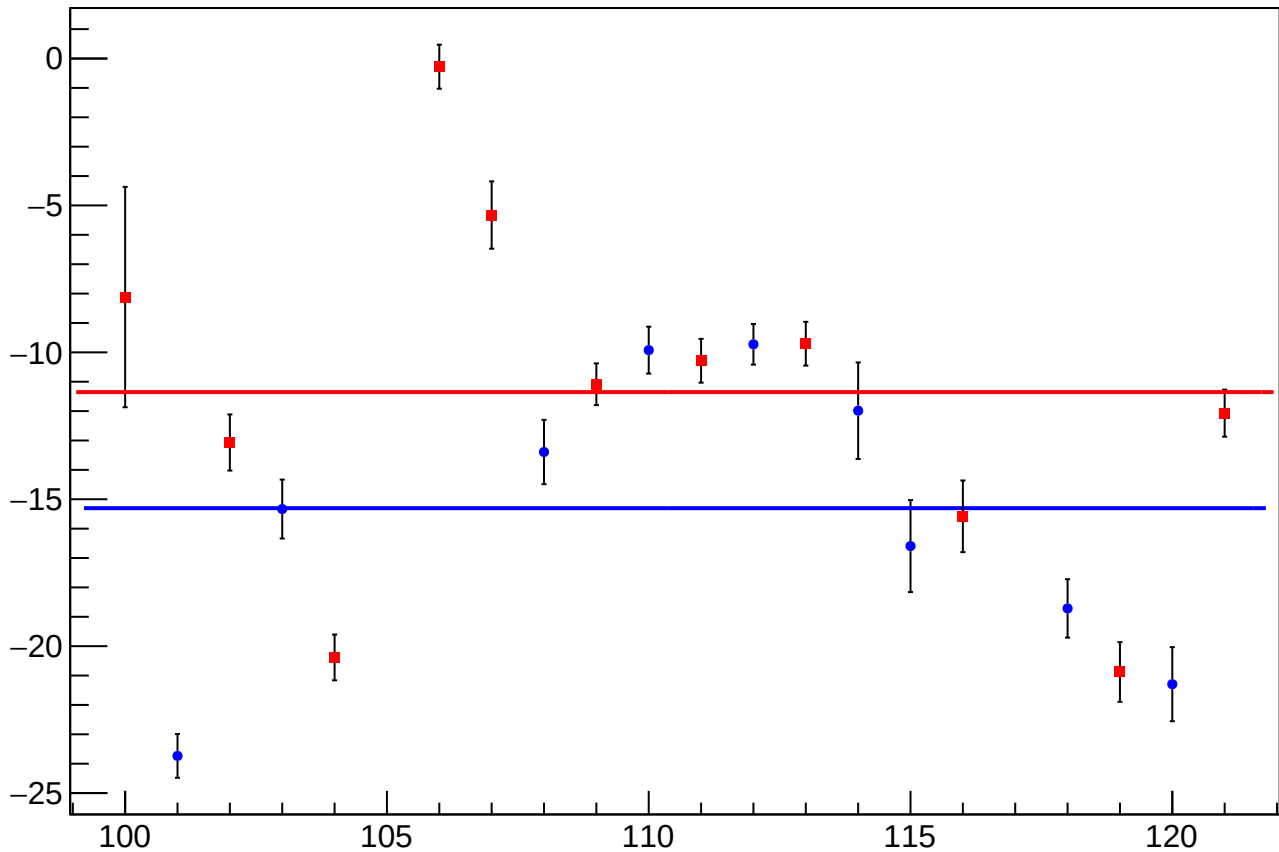
Right: -6.794 $\pm$ 0.194 χ^2 /NDF: 313.1/19

In: -6.004 $\pm$ 0.297 χ^2 /NDF:172.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.794 $\pm$ 0.194 χ^2 /NDF: 313.1/19

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.304 ± 0.321 χ^2/NDF : 280.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.353 ± 0.266 χ^2/NDF : 492.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

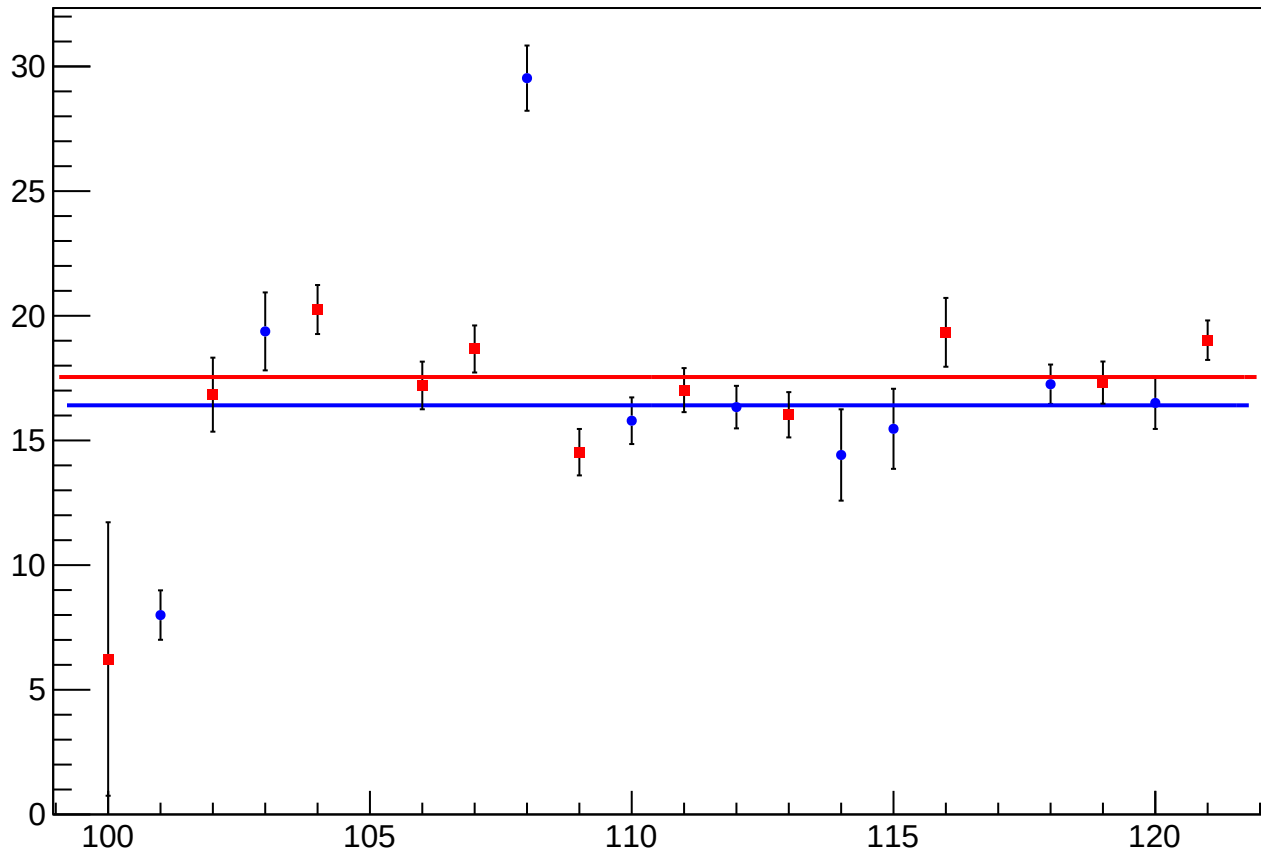
Right: -12.962 ± 0.205 χ^2/NDF : 862.5/19

In: -15.304 ± 0.321 χ^2/NDF : 280.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.962 ± 0.205 χ^2/NDF : 862.5/19

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.409+/-0.360 χ^2/NDF : 179.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.544+/-0.303 χ^2/NDF : 32.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

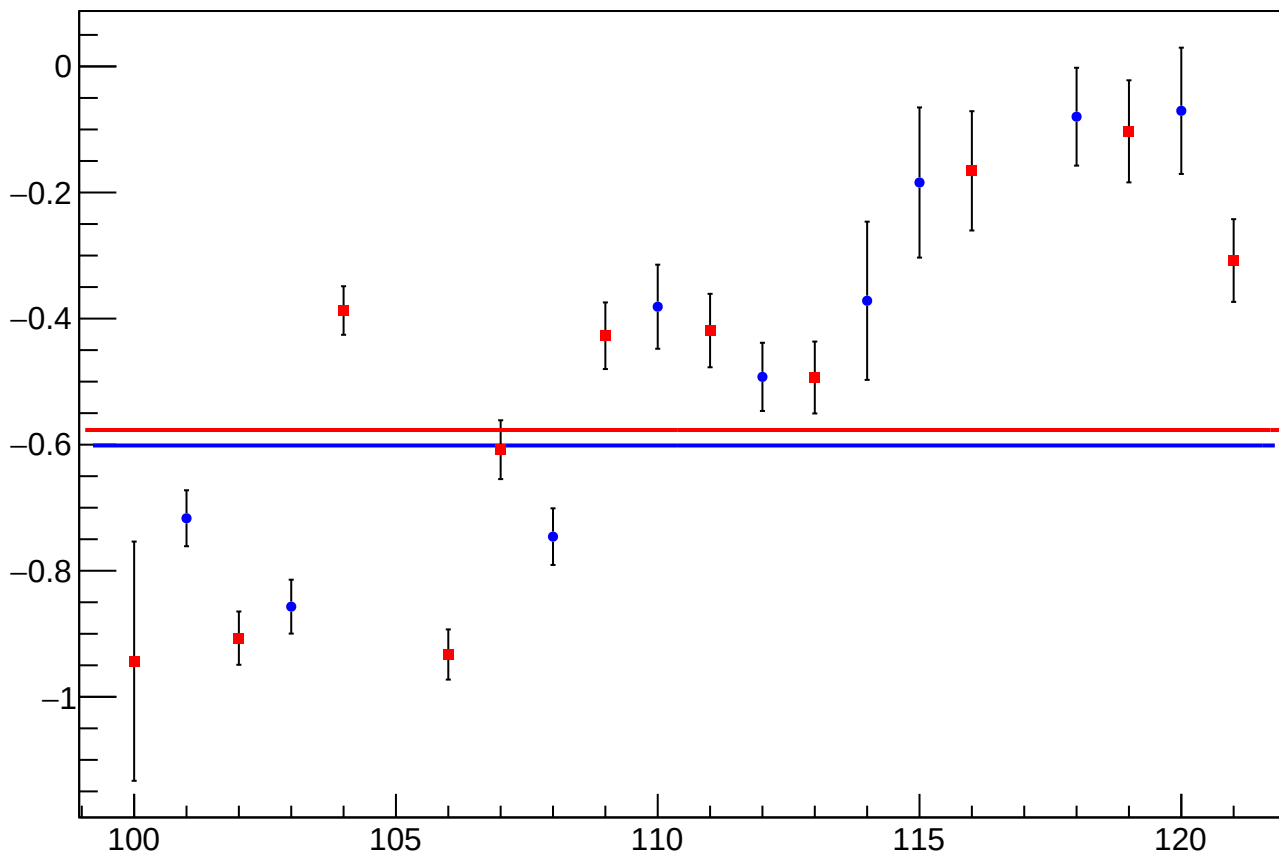
Right: 17.073+/-0.232 χ^2/NDF : 217.6/19

In: 16.409+/-0.360 χ^2/NDF : 179.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.073+/-0.232 χ^2/NDF : 217.6/19

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.601+/-0.020 χ^2/NDF : 156.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.577+/-0.016 χ^2/NDF : 256.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

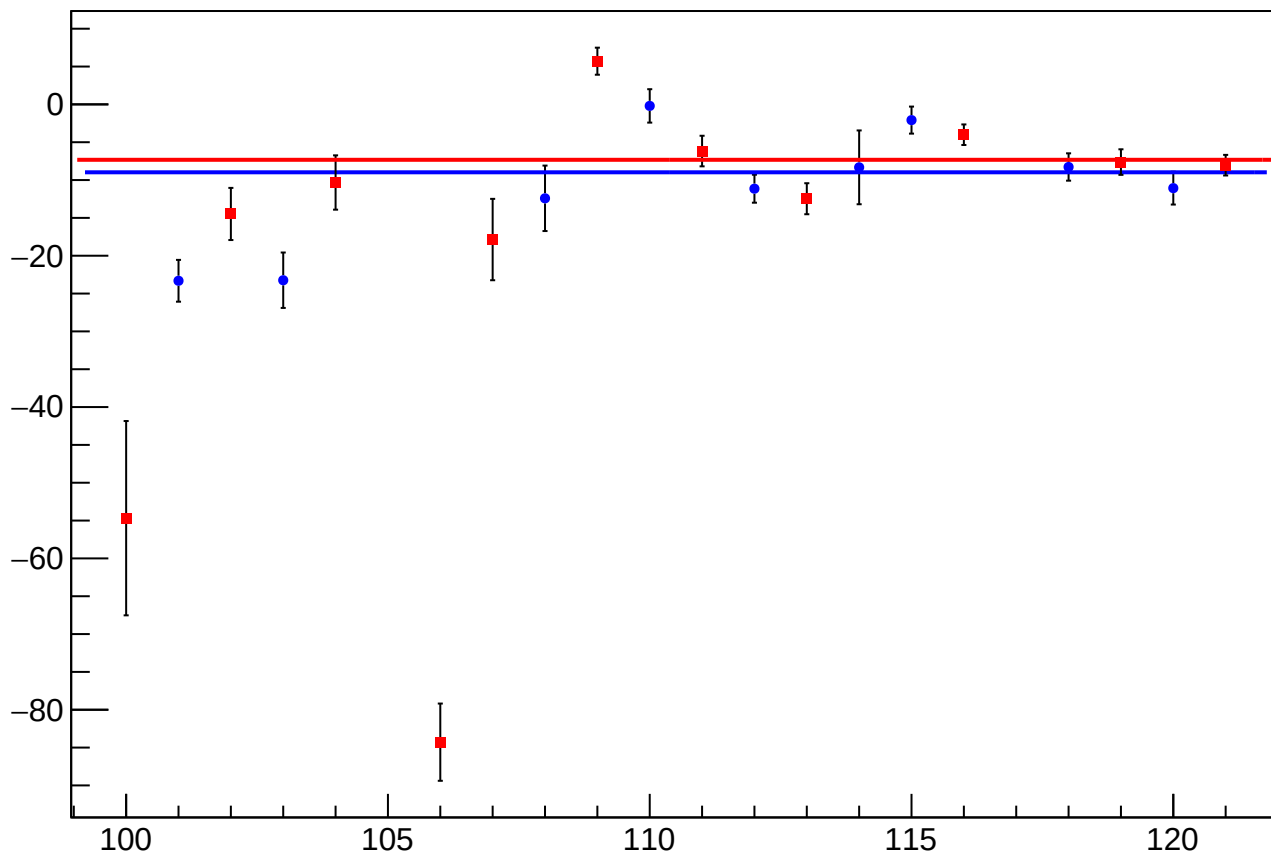
Right: -0.586+/-0.013 χ^2/NDF : 414.5/19

In: -0.601+/-0.020 χ^2/NDF : 156.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.586+/-0.013 χ^2/NDF : 414.5/19

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.976+/-0.783 χ^2/NDF : 75.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.324+/-0.636 χ^2/NDF : 315.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

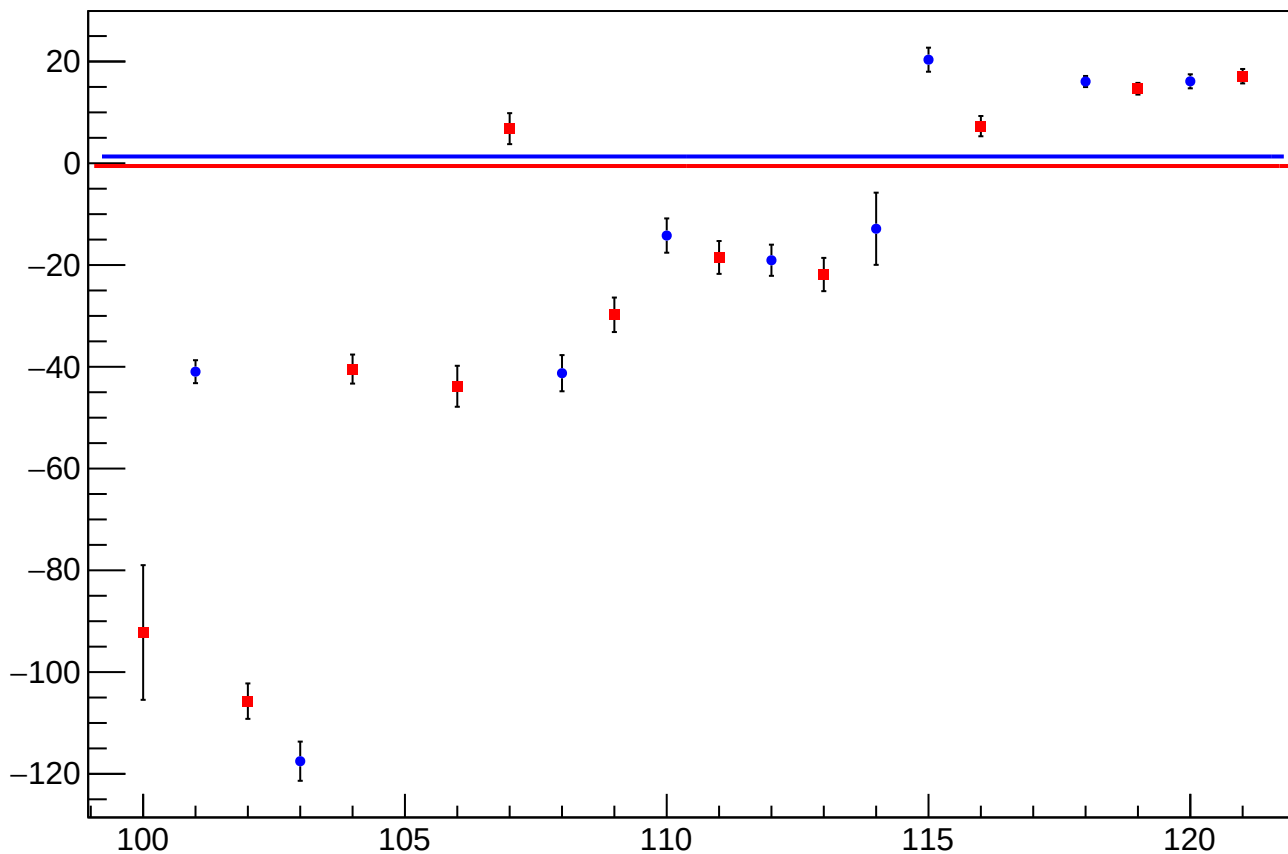
Right: -7.981+/-0.494 χ^2/NDF : 394.4/19

In: -8.976+/-0.783 χ^2/NDF : 75.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.981+/-0.494 χ^2/NDF : 394.4/19

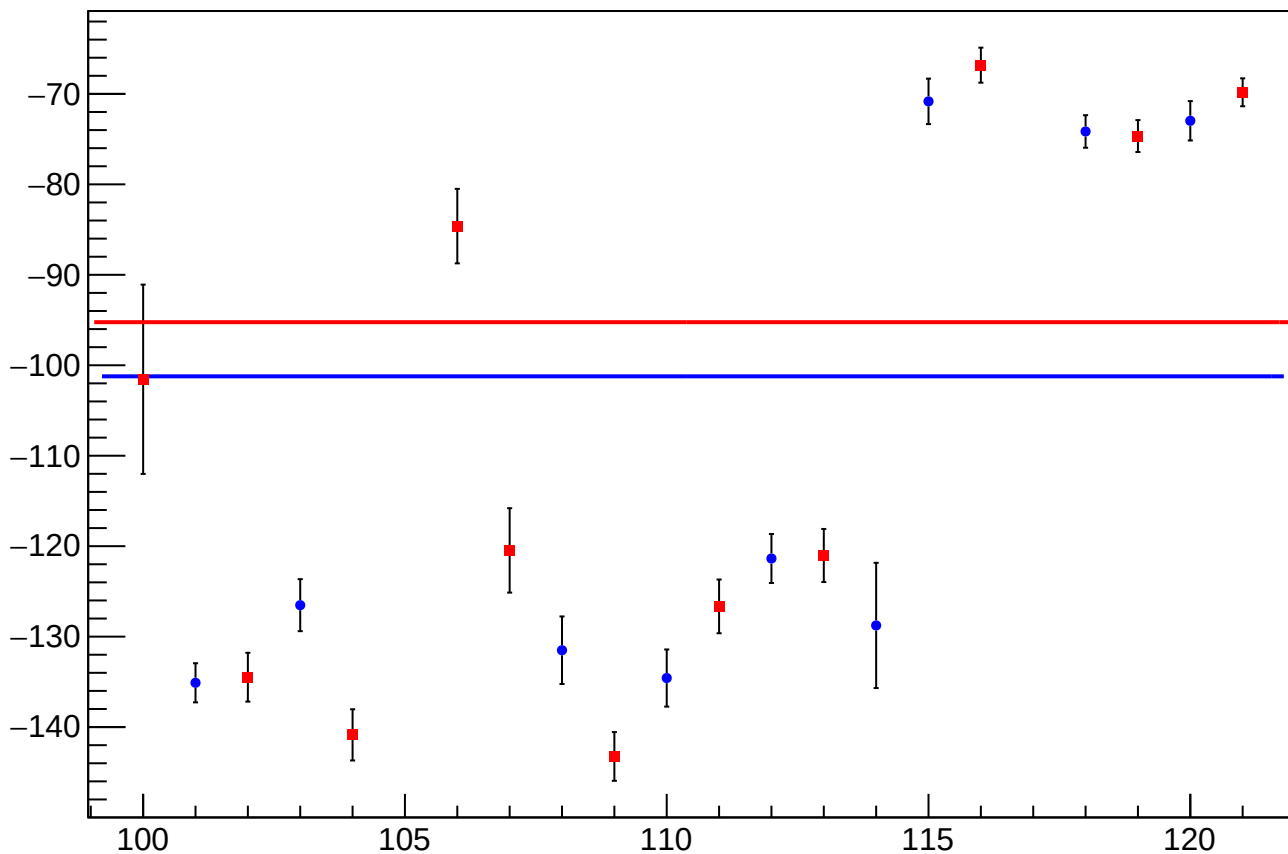
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.332+/-0.690 χ^2/NDF : 1878.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.540+/-0.680 χ^2/NDF : 1770.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.382+/-0.484 χ^2/NDF : 3652.1/19
 In: 1.332+/-0.690 χ^2/NDF : 1878.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.382+/-0.484 χ^2/NDF : 3652.1/19

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -101.224+/-0.863 χ^2/NDF : 1112.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -95.236+/-0.756 χ^2/NDF : 1636.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

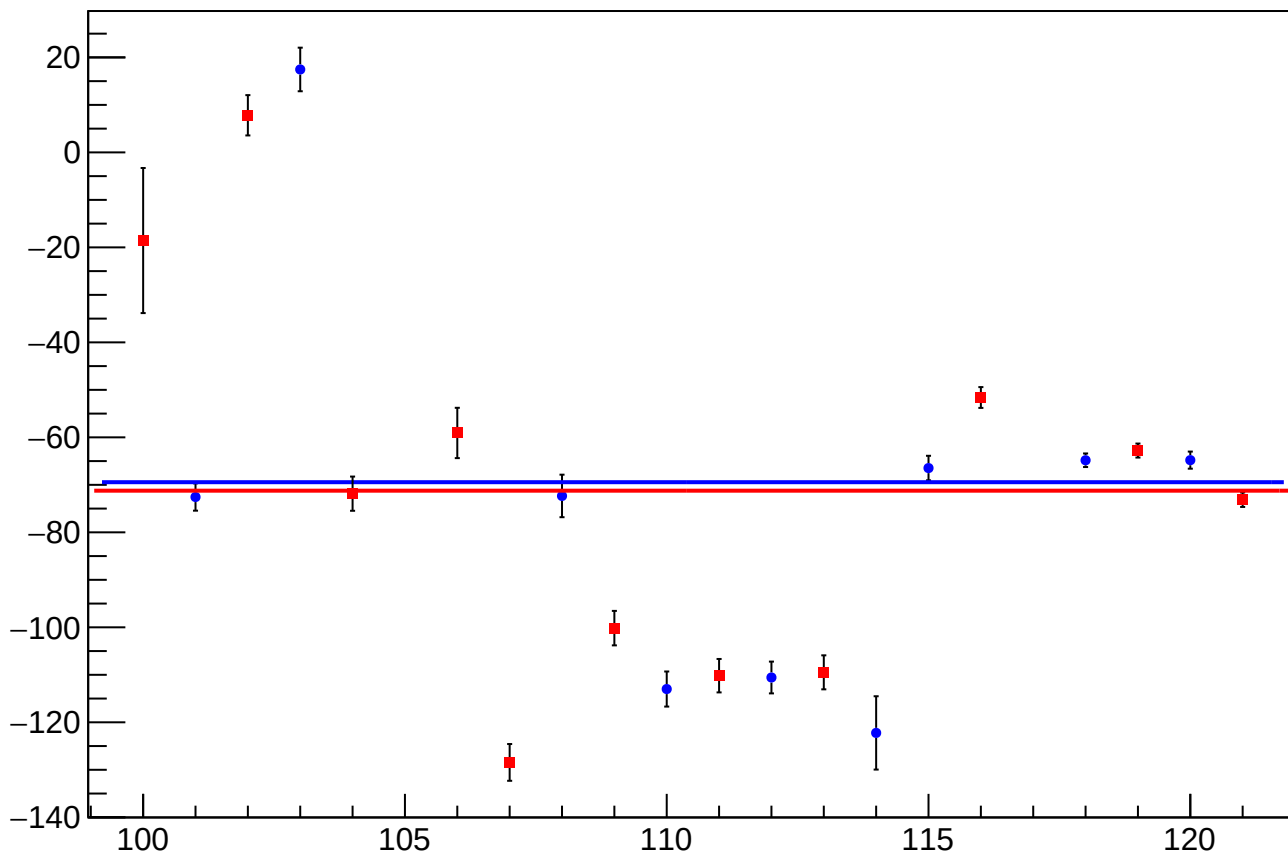
Right: -97.835+/-0.569 χ^2/NDF : 2776.4/19

In: -101.224+/-0.863 χ^2/NDF :1112.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -97.835+/-0.569 χ^2/NDF : 2776.4/19

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -69.443 ± 0.862 $\chi^2/\text{NDF}: 715.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -71.229 ± 0.797 $\chi^2/\text{NDF}: 997.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

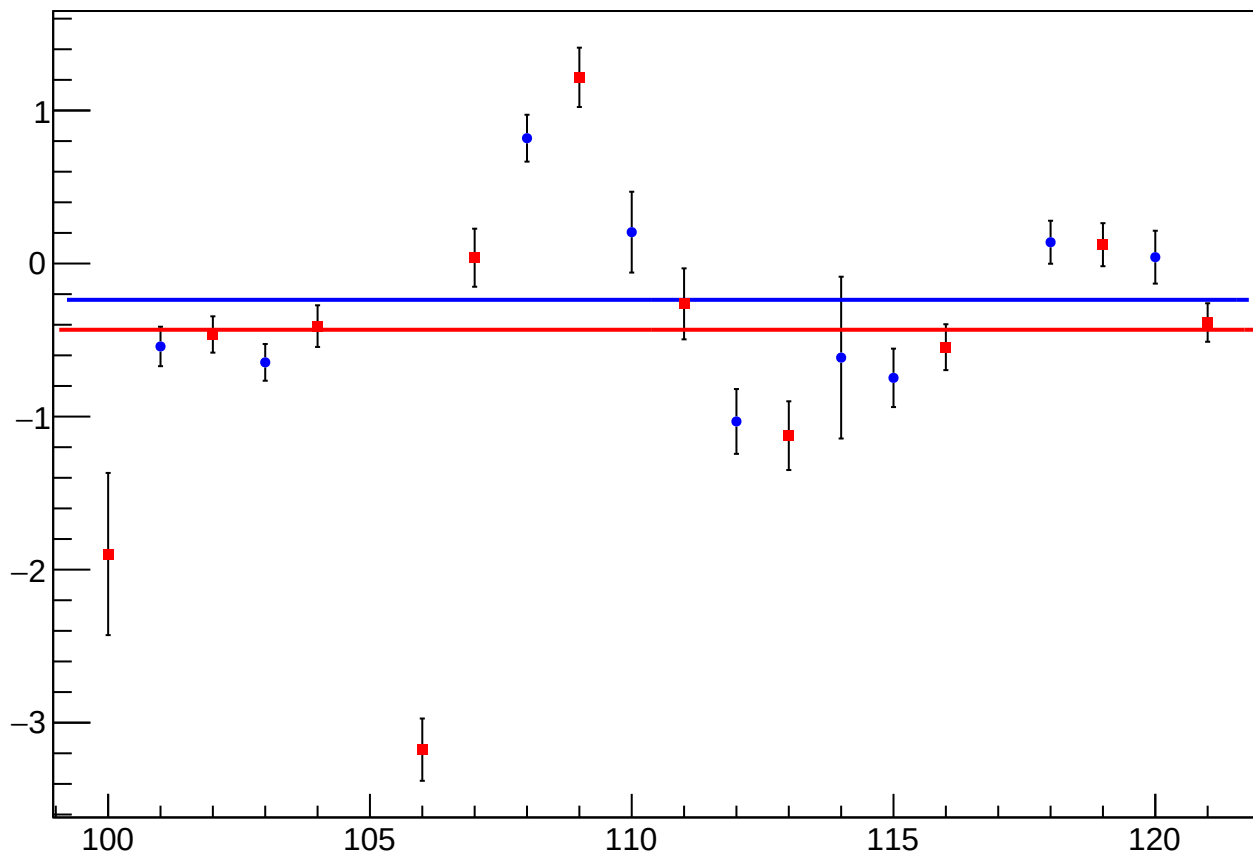
Right: -70.406 ± 0.585 $\chi^2/\text{NDF}: 1715.2/19$

In: -69.443 ± 0.862 $\chi^2/\text{NDF}: 715.6/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -70.406 ± 0.585 $\chi^2/\text{NDF}: 1715.2/19$

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.237 ± 0.056 χ^2/NDF : 99.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.433 ± 0.050 χ^2/NDF : 294.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

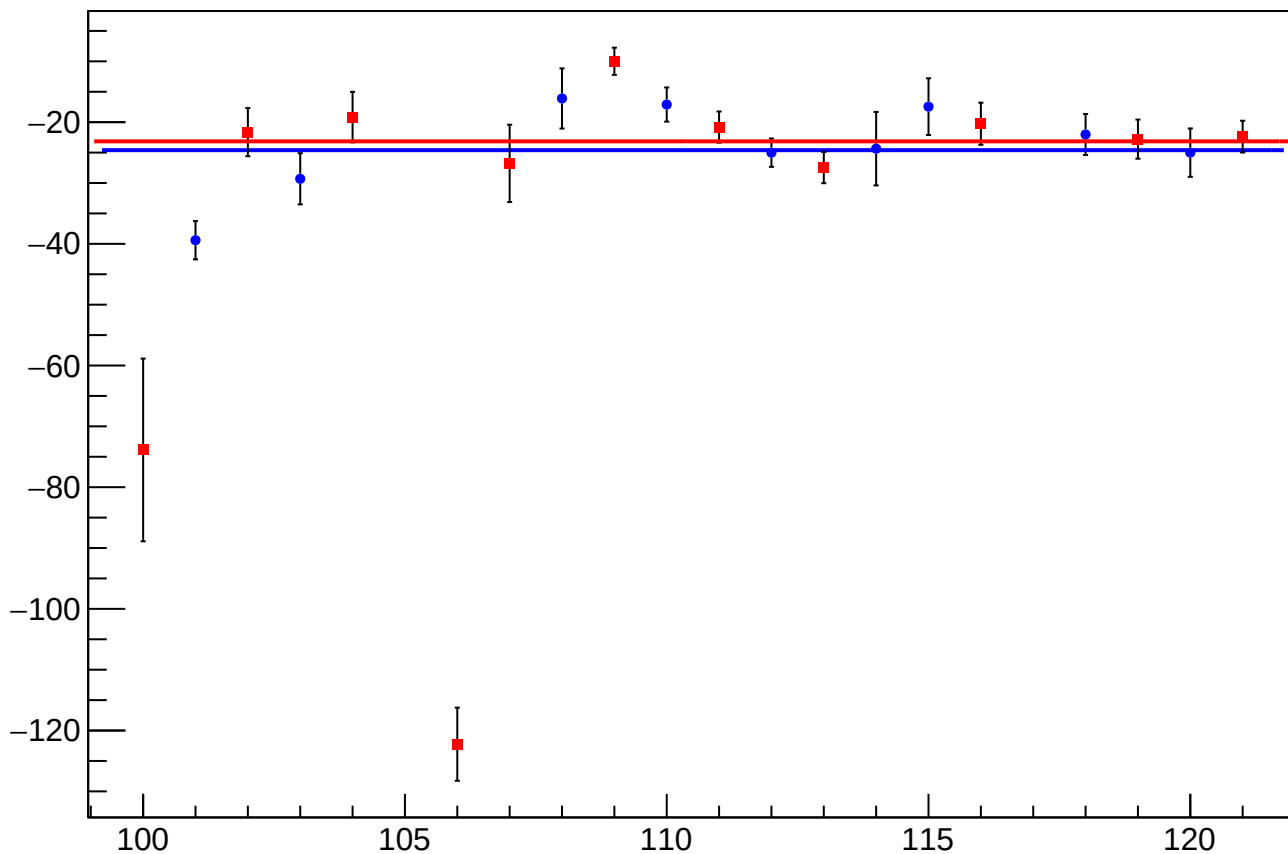
Right: -0.346 ± 0.037 χ^2/NDF : 400.5/19

In: -0.237 ± 0.056 χ^2/NDF : 99.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.346 ± 0.037 χ^2/NDF : 400.5/19

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.603 ± 1.167 χ^2/NDF : 36.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.149 ± 0.995 χ^2/NDF : 323.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

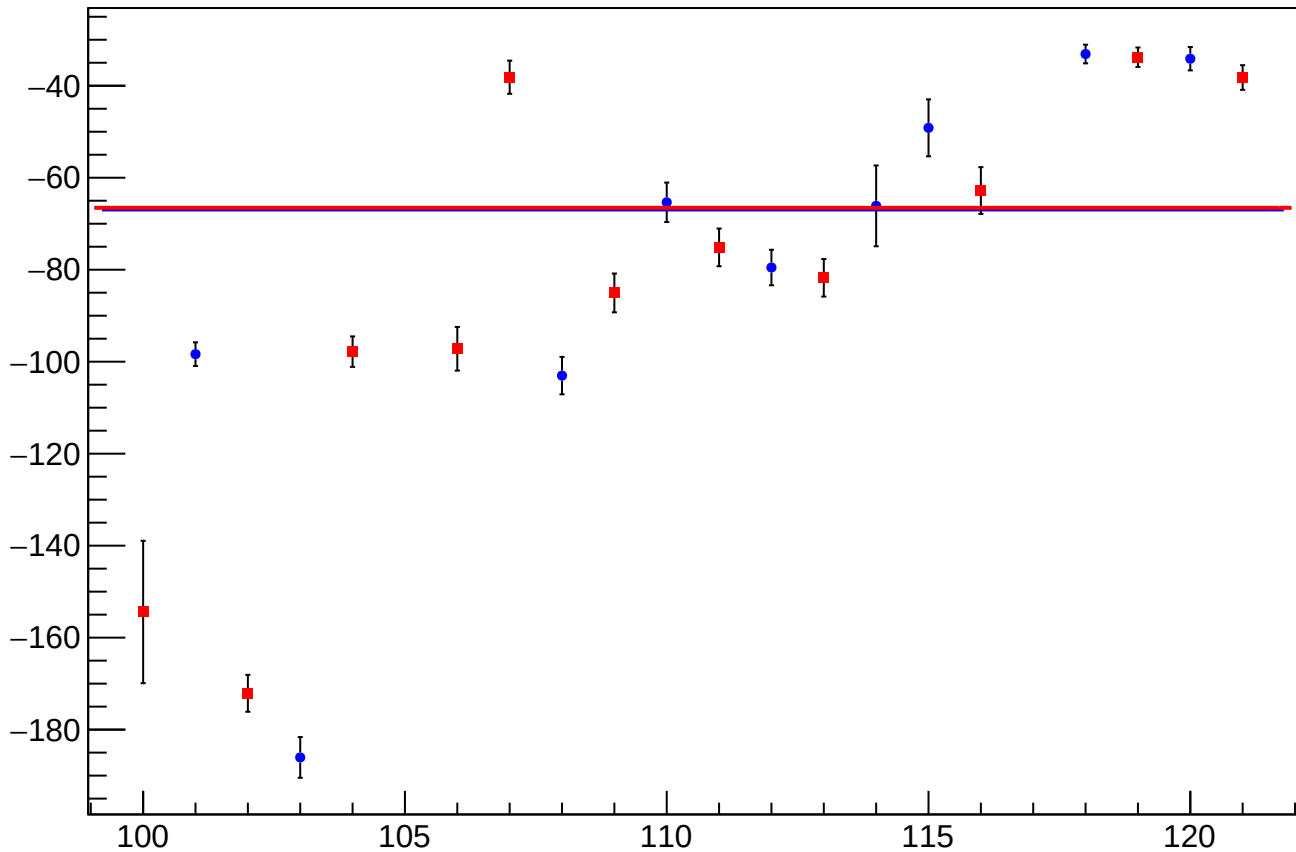
Right: -23.761 ± 0.757 χ^2/NDF : 360.9/19

In: -24.603 ± 1.167 χ^2/NDF : 36.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.761 ± 0.757 χ^2/NDF : 360.9/19

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -66.894+/-1.104 χ^2/NDF : 1413.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.546+/-1.081 χ^2/NDF : 1306.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

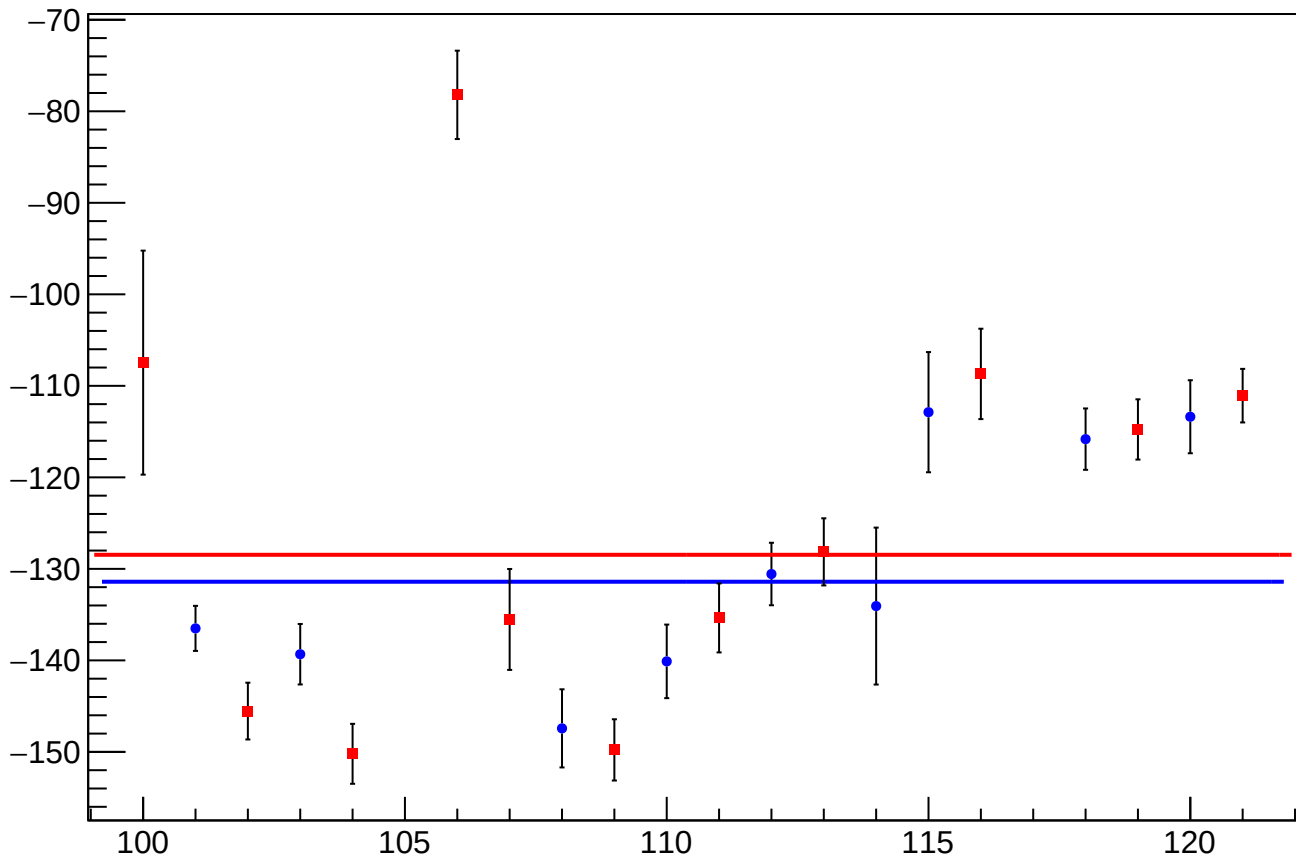
Right: -66.716+/-0.772 χ^2/NDF : 2720.5/19

In: -66.894+/-1.104 χ^2/NDF : 1413.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.716+/-0.772 χ^2/NDF : 2720.5/19

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -131.406+/-1.243 χ^2/NDF : 78.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.463+/-1.144 χ^2/NDF : 299.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

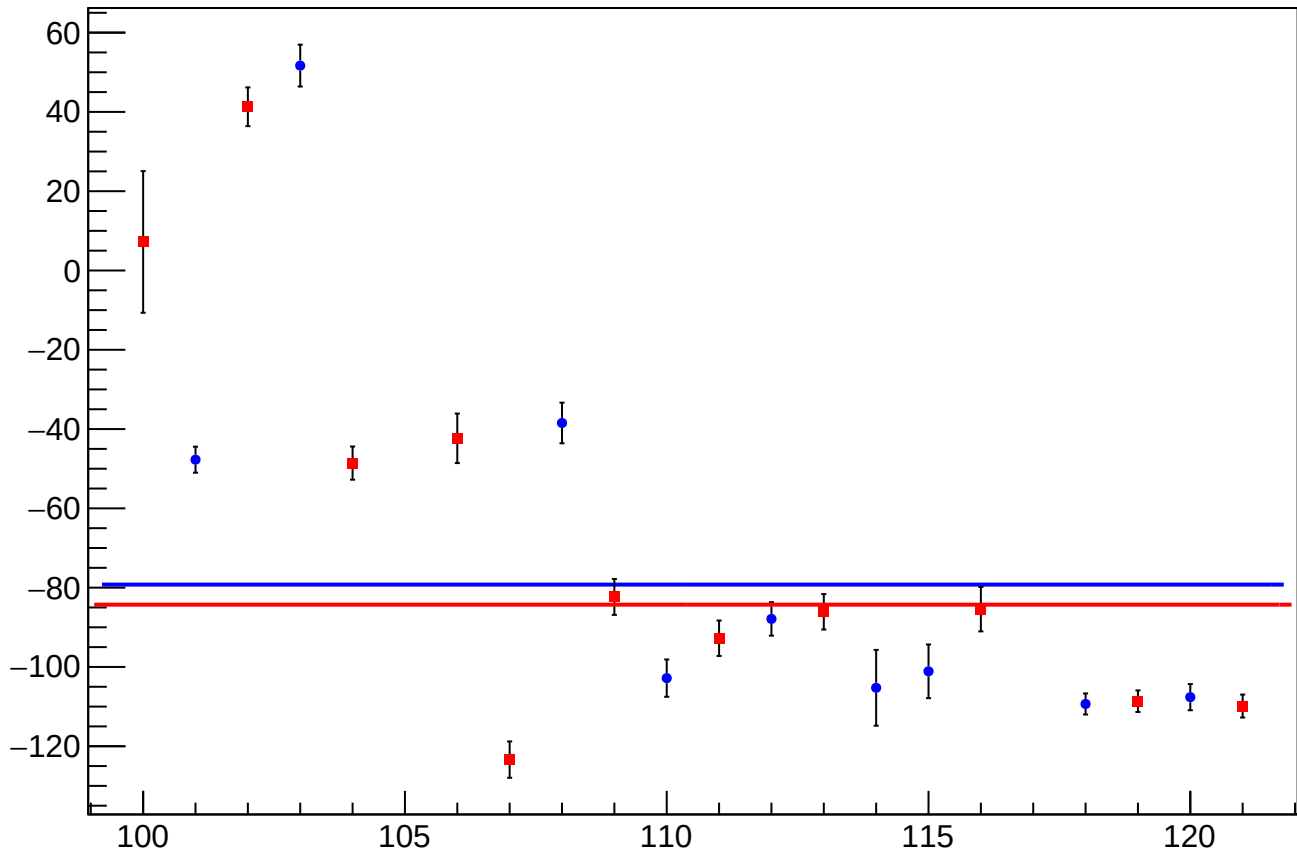
Right: -129.813+/-0.842 χ^2/NDF : 381.9/19

In: -131.406+/-1.243 χ^2/NDF : 78.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.813+/-0.842 χ^2/NDF : 381.9/19

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -79.231+/-1.368 χ^2/NDF : 1019.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.291+/-1.279 χ^2/NDF : 1039.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

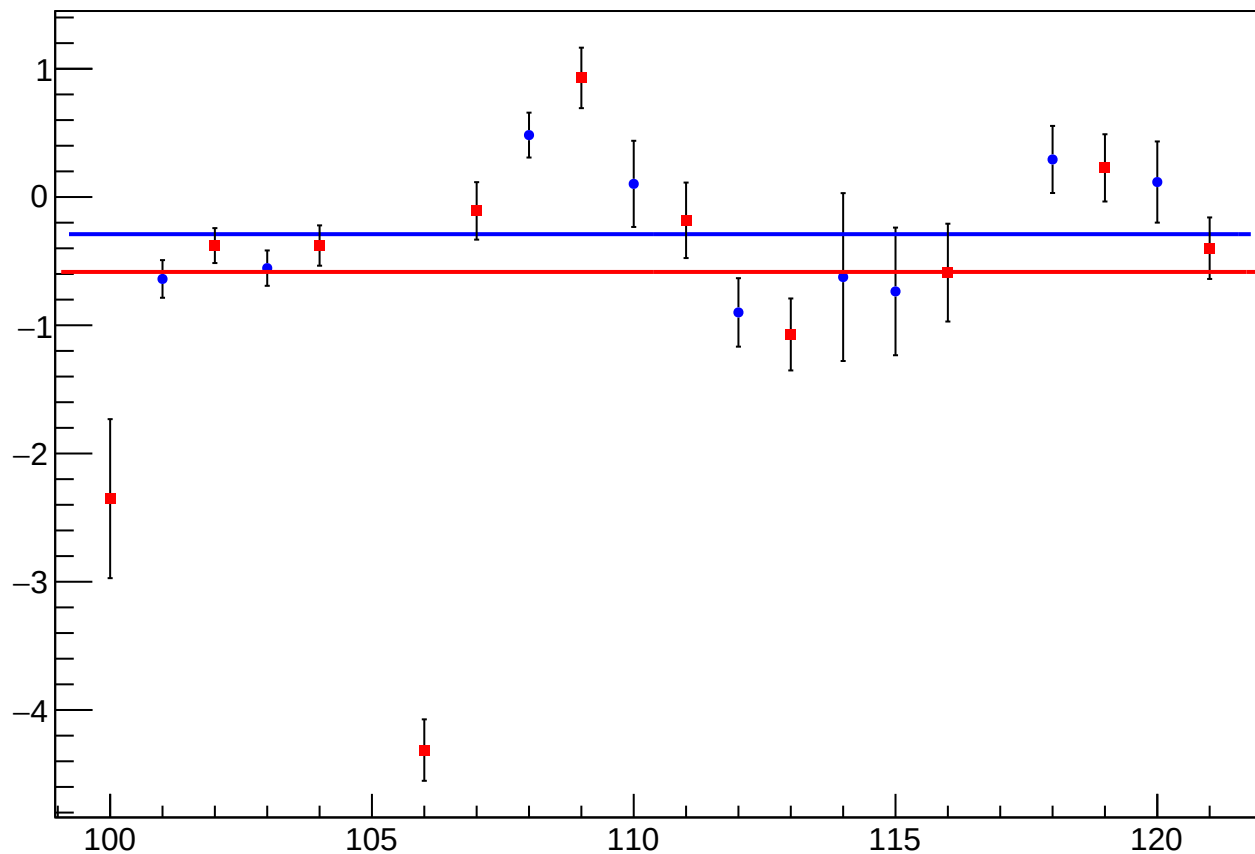
Right: -81.930+/-0.934 χ^2/NDF : 2066.8/19

In: -79.231+/-1.368 χ^2/NDF : 1019.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.930+/-0.934 χ^2/NDF : 2066.8/19

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.290 ± 0.073 χ^2/NDF : 43.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.584 ± 0.068 χ^2/NDF : 315.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

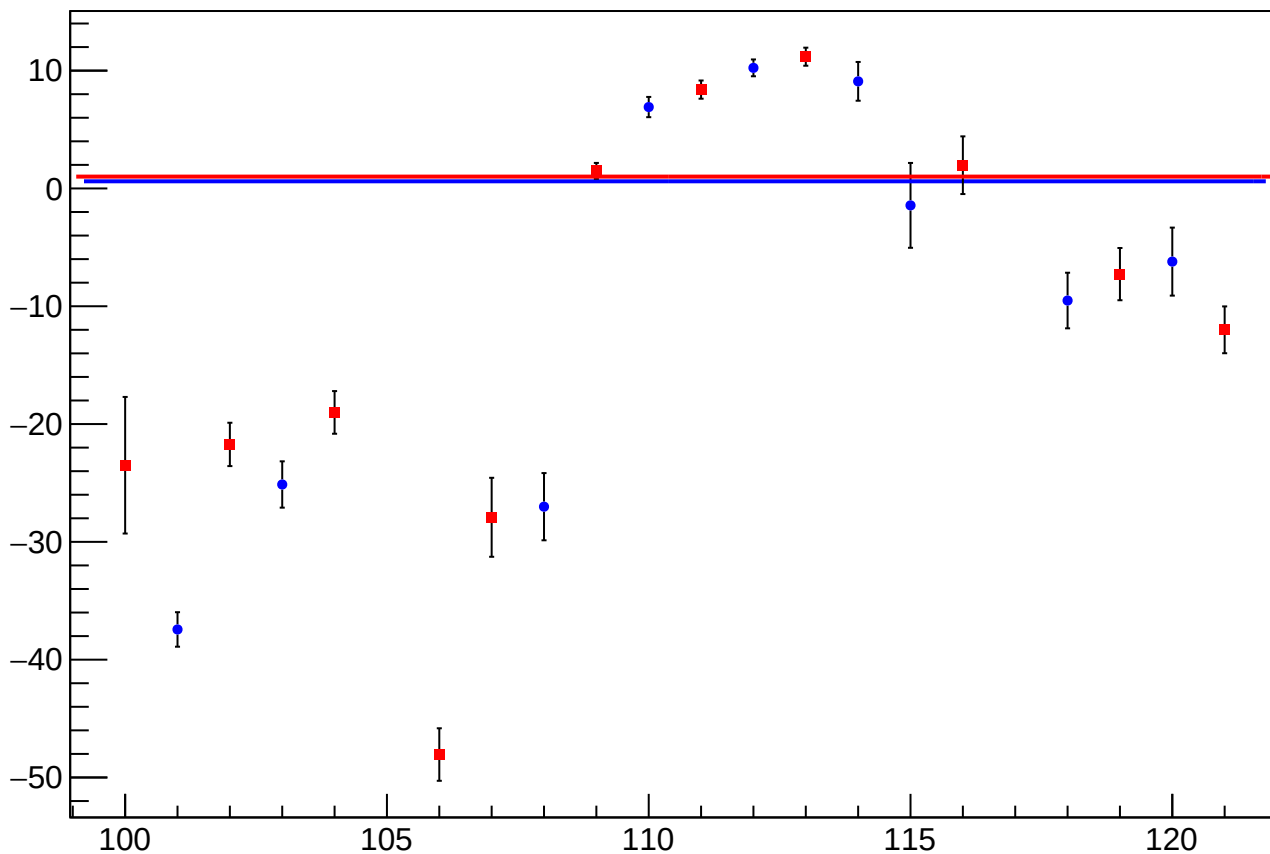
Right: -0.448 ± 0.050 χ^2/NDF : 366.8/19

In: -0.290 ± 0.073 χ^2/NDF : 43.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.448 ± 0.050 χ^2/NDF : 366.8/19

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.606 $\pm$ 0.451 χ^2 /NDF: 1226.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.005 $\pm$ 0.374 χ^2 /NDF: 1177.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

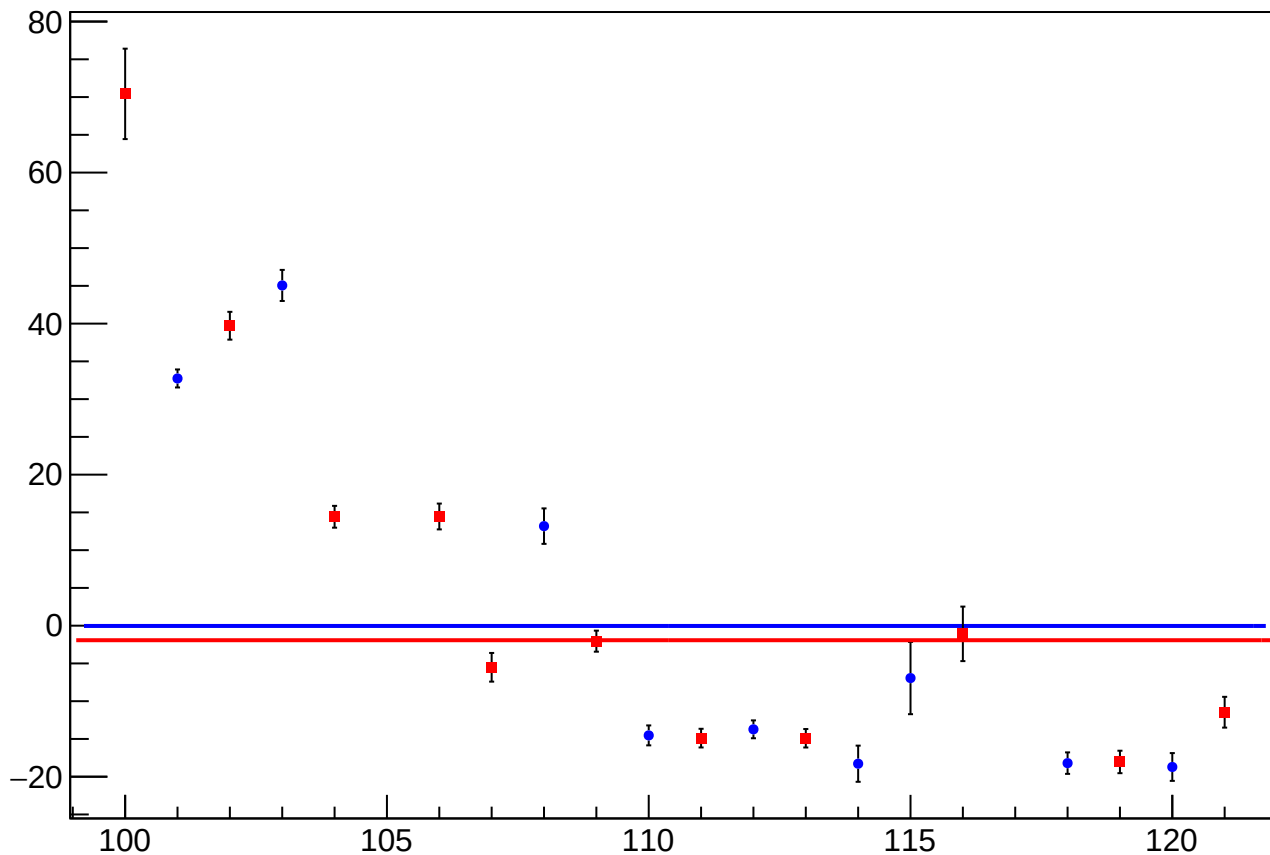
Right: 0.842 $\pm$ 0.288 χ^2 /NDF: 2403.7/19

In: 0.606 $\pm$ 0.451 χ^2 /NDF:1226.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.842 $\pm$ 0.288 χ^2 /NDF: 2403.7/19

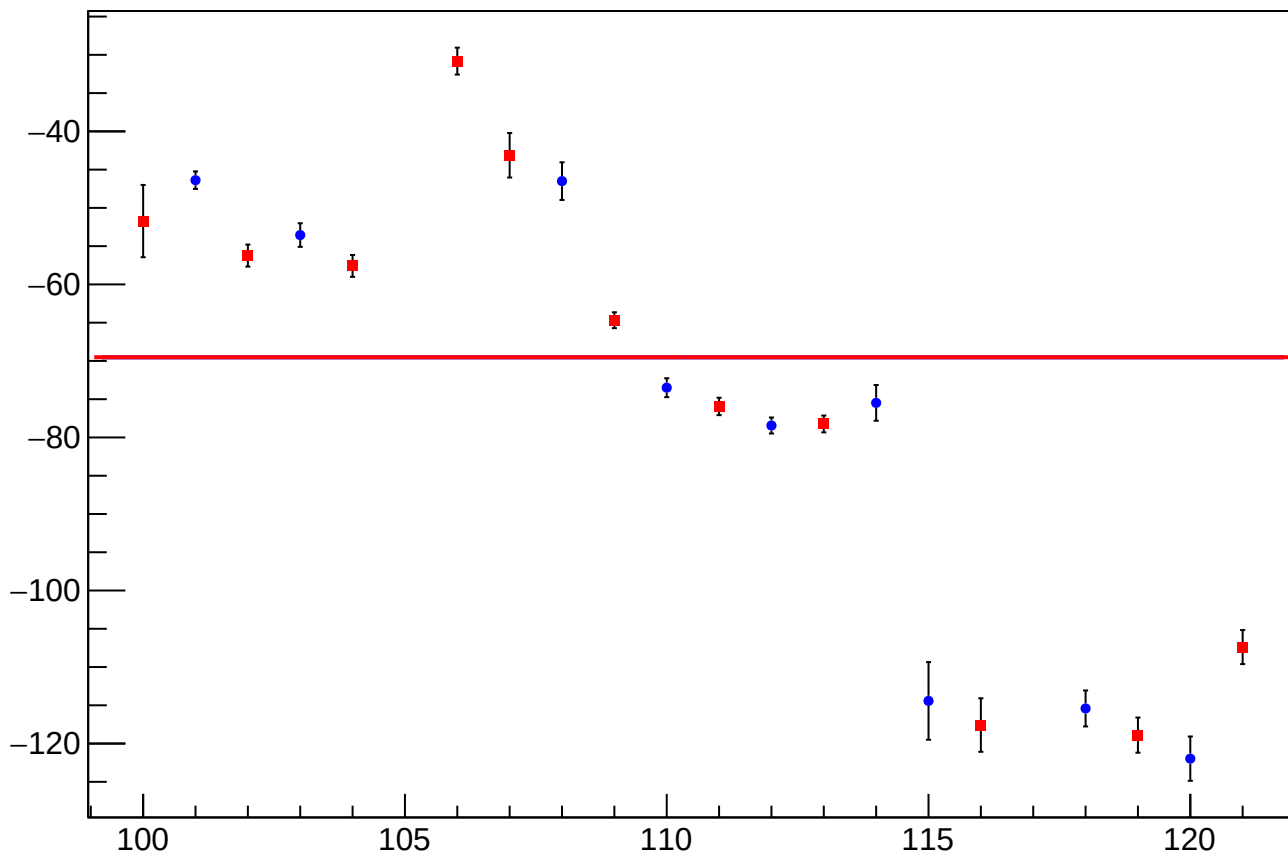
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.037+/-0.541 χ^2/NDF : 1846.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.926+/-0.498 χ^2/NDF : 1243.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.059+/-0.367 χ^2/NDF : 3096.6/19
 In: -0.037+/-0.541 χ^2/NDF : 1846.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.059+/-0.367 χ^2/NDF : 3096.6/19

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.536 $\pm$ 0.539 χ^2 /NDF: 1480.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.515 $\pm$ 0.473 χ^2 /NDF: 1793.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

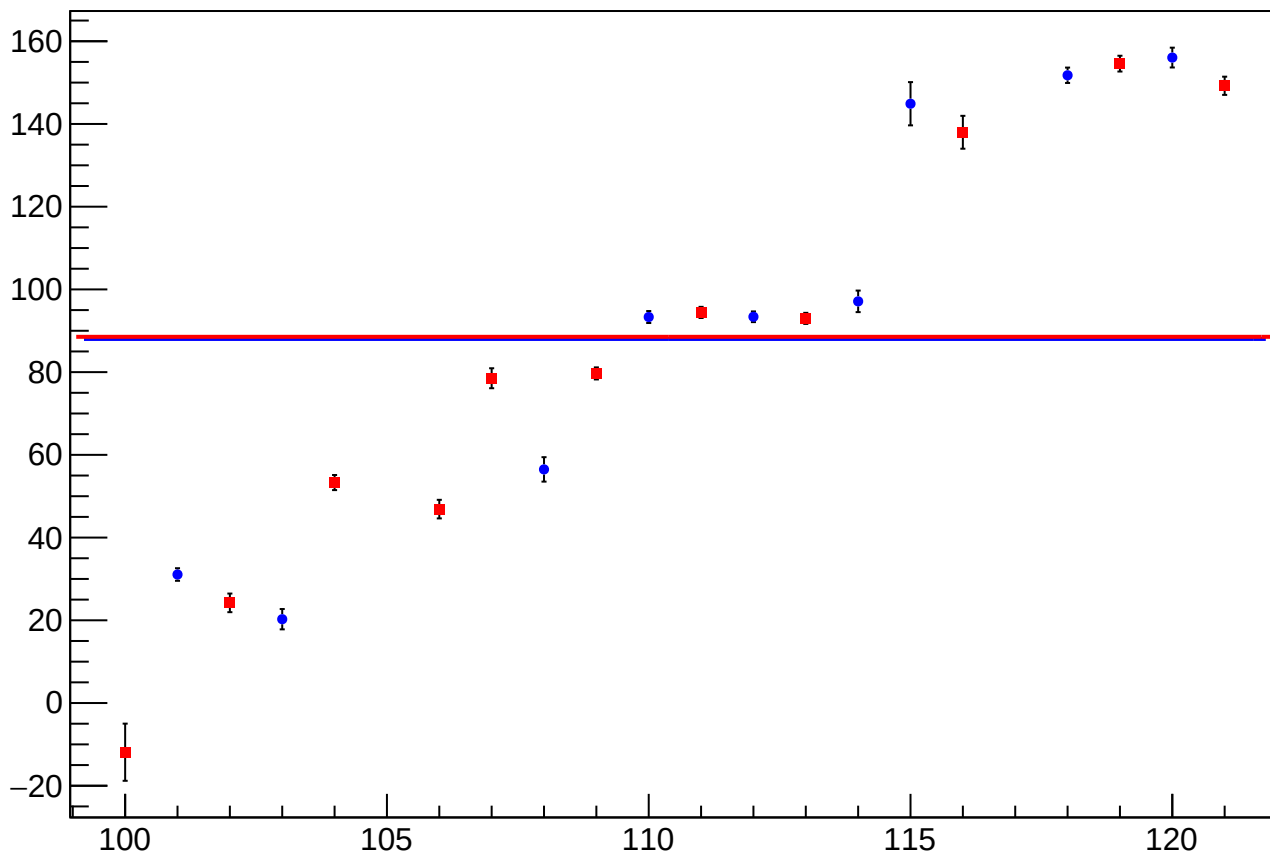
Right: -69.524 $\pm$ 0.356 χ^2 /NDF: 3274.2/19

In: -69.536 $\pm$ 0.539 χ^2 /NDF:1480.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.524 $\pm$ 0.356 χ^2 /NDF: 3274.2/19

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 88.023+/-0.641 χ^2/NDF : 4418.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.538+/-0.576 χ^2/NDF : 3941.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

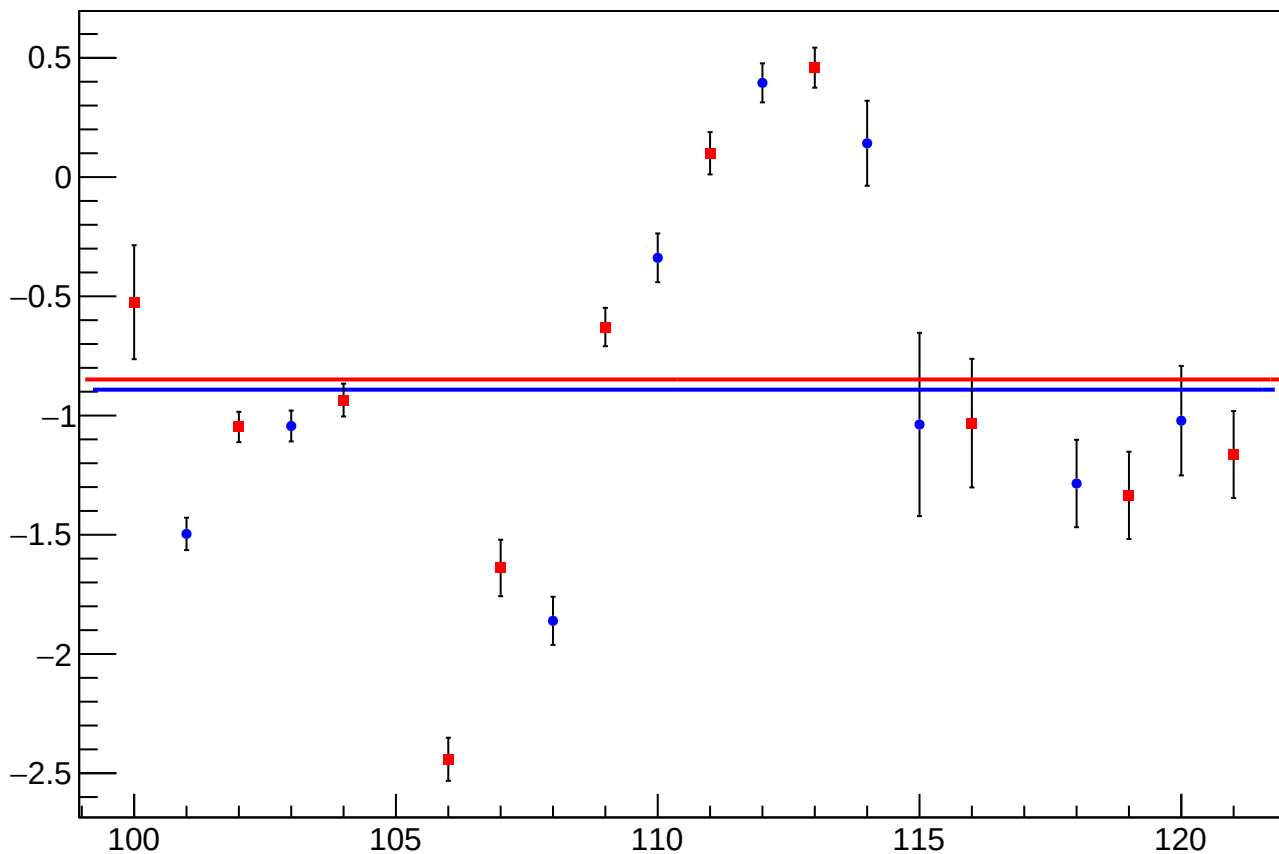
Right: 88.308+/-0.428 χ^2/NDF : 8360.1/19

In: 88.023+/-0.641 χ^2/NDF : 4418.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.308+/-0.428 χ^2/NDF : 8360.1/19

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.892+/-0.034 χ^2/NDF : 493.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.849+/-0.029 χ^2/NDF : 743.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

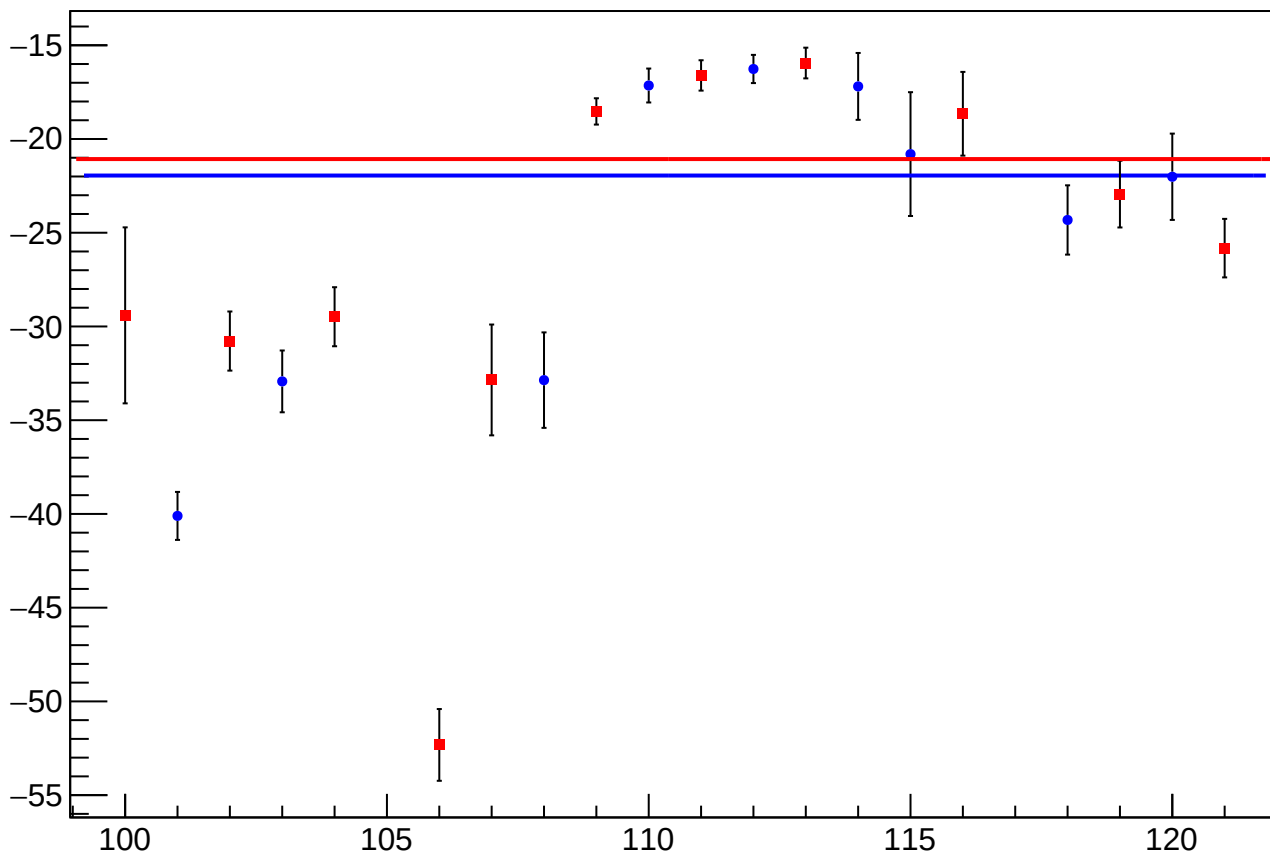
Right: -0.867+/-0.022 χ^2/NDF : 1237.9/19

In: -0.892+/-0.034 χ^2/NDF : 493.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.867+/-0.022 χ^2/NDF : 1237.9/19

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.949 $\pm$ 0.447 χ^2 /NDF: 358.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.070 $\pm$ 0.372 χ^2 /NDF: 446.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

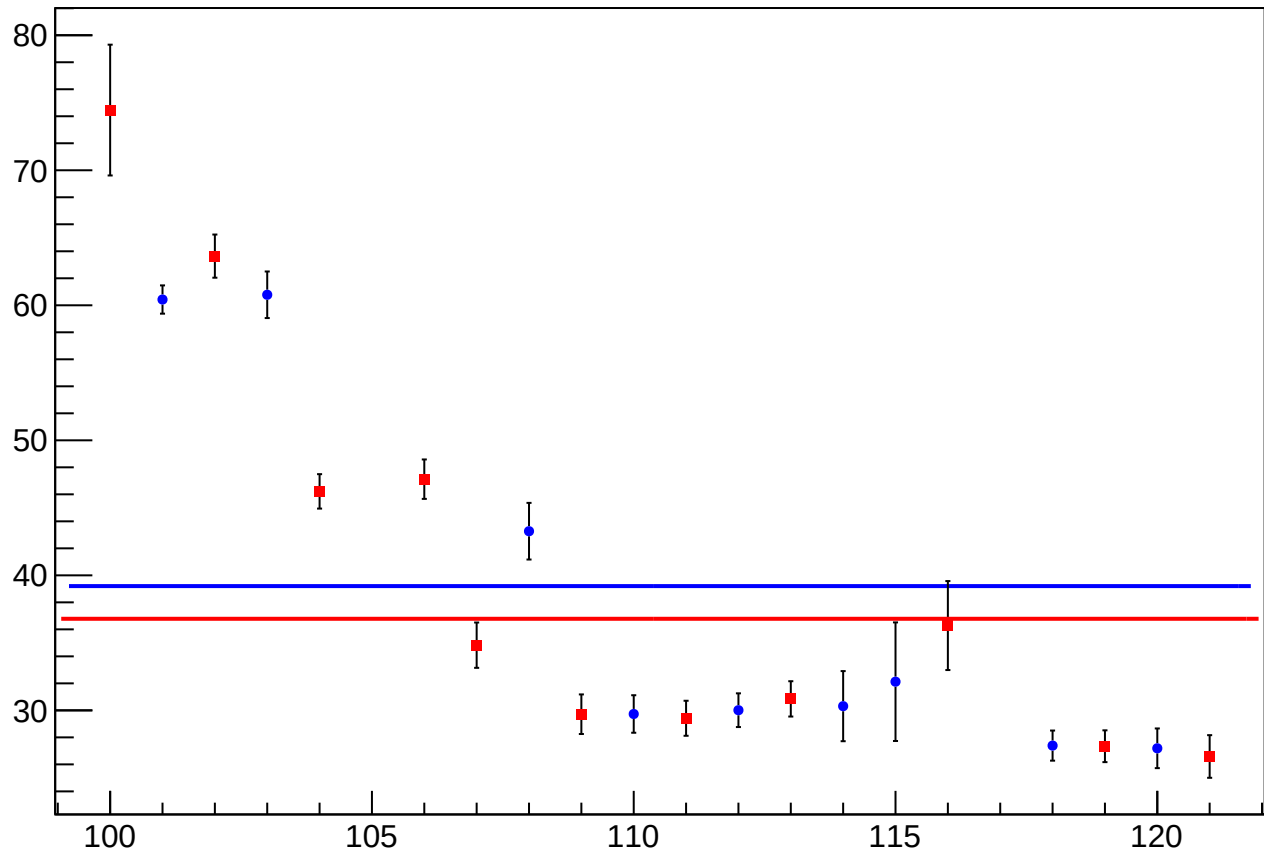
Right: -21.431 $\pm$ 0.286 χ^2 /NDF: 806.5/19

In: -21.949 $\pm$ 0.447 χ^2 /NDF:358.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.431 $\pm$ 0.286 χ^2 /NDF: 806.5/19

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.204+/-0.494 χ^2/NDF : 865.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.783+/-0.460 χ^2/NDF : 631.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

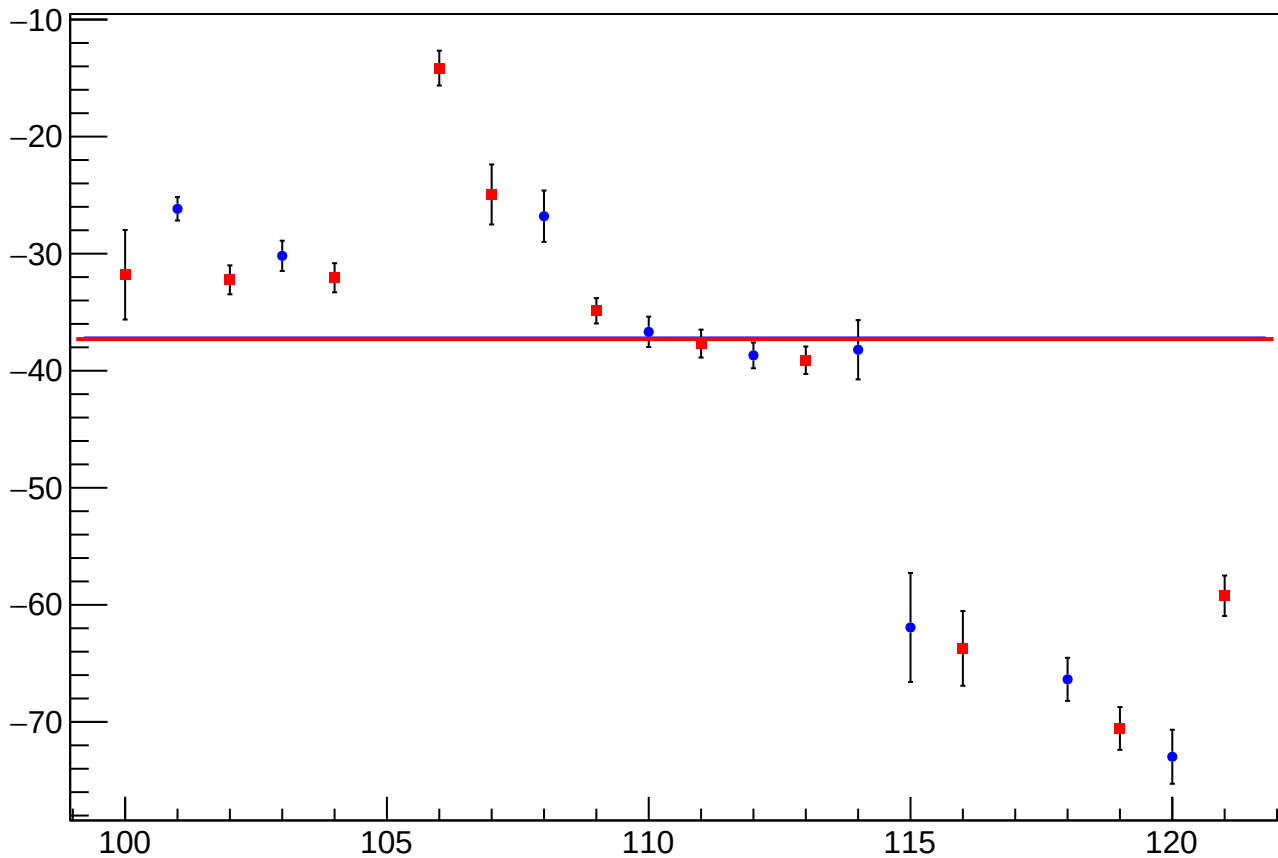
Right: 37.907+/-0.336 χ^2/NDF : 1509.5/19

In: 39.204+/-0.494 χ^2/NDF : 865.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.907+/-0.336 χ^2/NDF : 1509.5/19

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.246 $\pm$ 0.506 χ^2 /NDF: 694.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.295 $\pm$ 0.448 χ^2 /NDF: 869.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

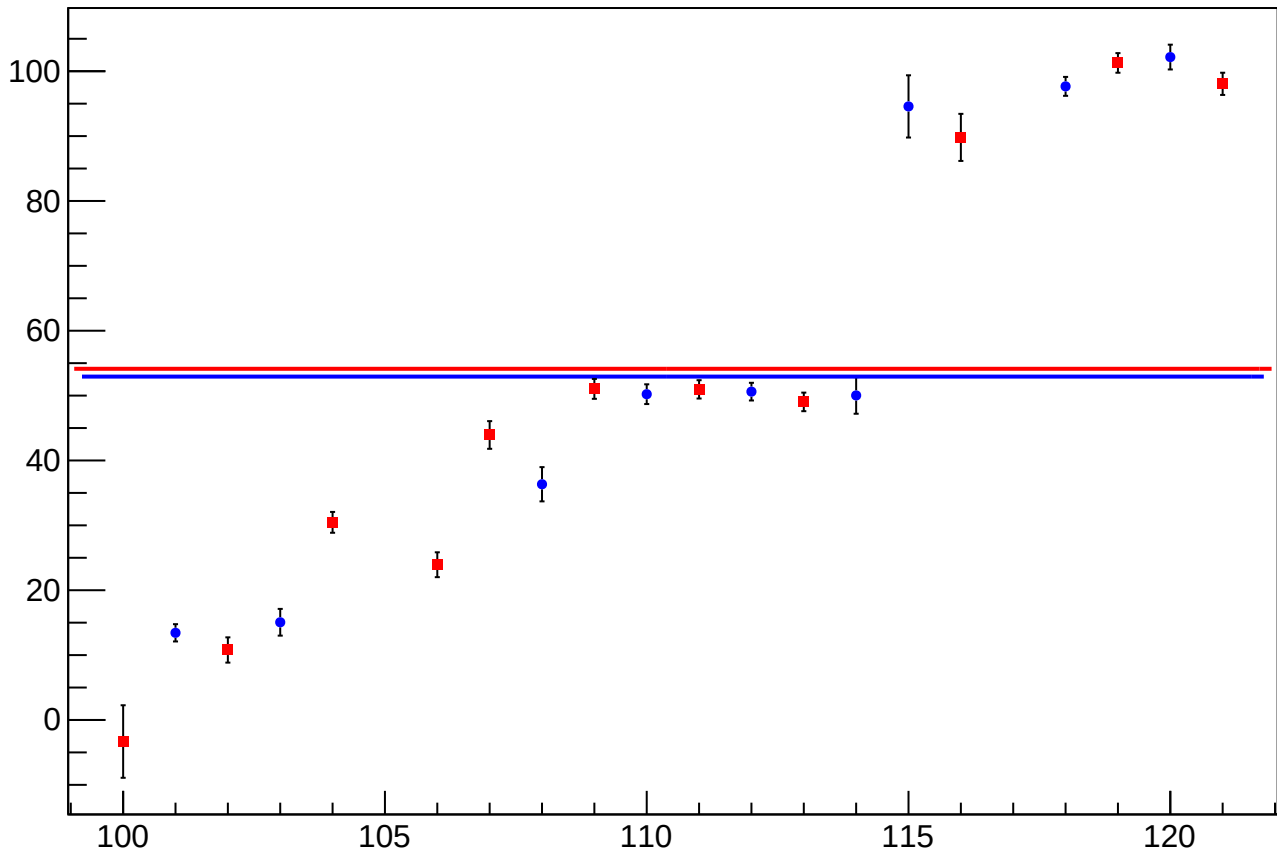
Right: -37.273 $\pm$ 0.335 χ^2 /NDF: 1564.8/19

In: -37.246 $\pm$ 0.506 χ^2 /NDF:694.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.273 $\pm$ 0.335 χ^2 /NDF: 1564.8/19

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.930+/-0.595 χ^2/NDF : 2944.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.132+/-0.539 χ^2/NDF : 2838.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

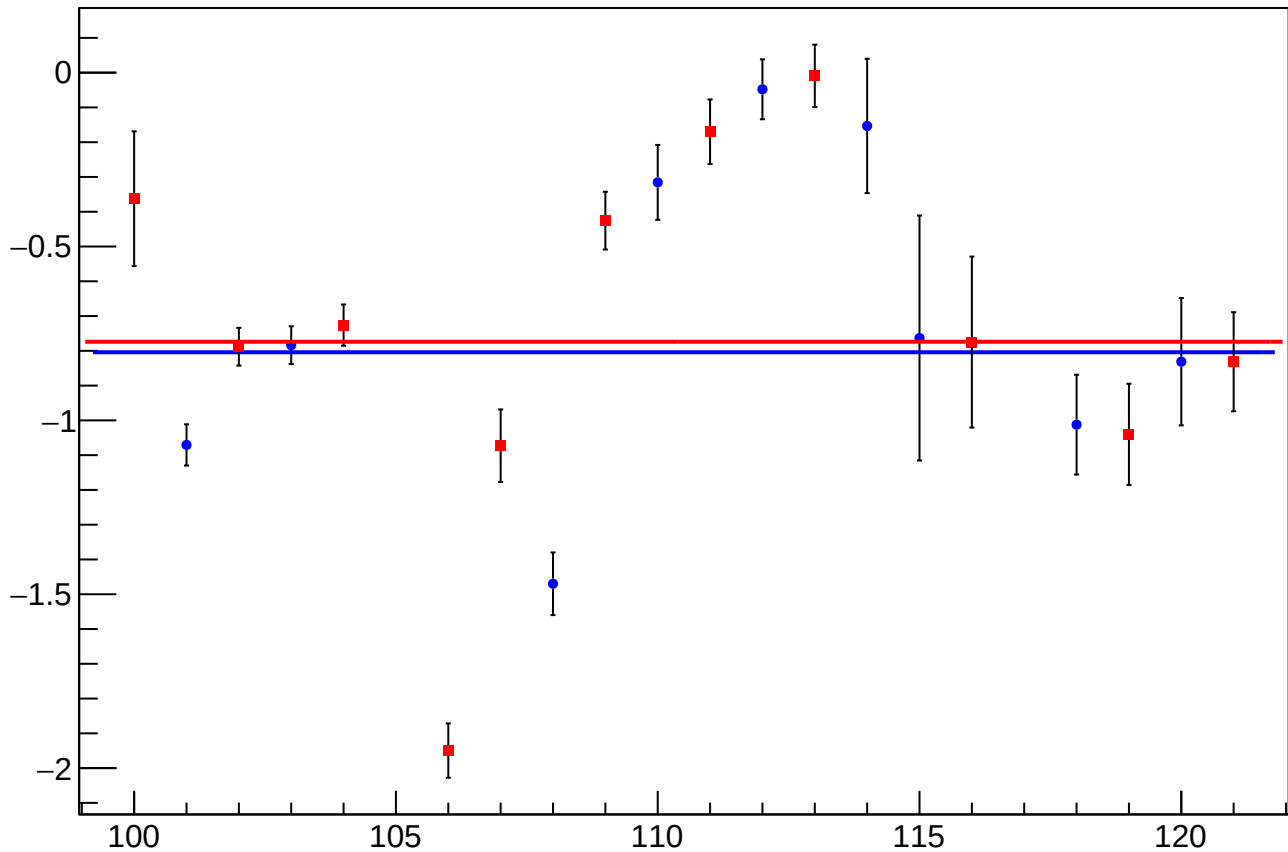
Right: 53.590+/-0.399 χ^2/NDF : 5784.9/19

In: 52.930+/-0.595 χ^2/NDF : 2944.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.590+/-0.399 χ^2/NDF : 5784.9/19

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.804 ± 0.030 χ^2/NDF : 186.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.774 ± 0.027 χ^2/NDF : 375.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

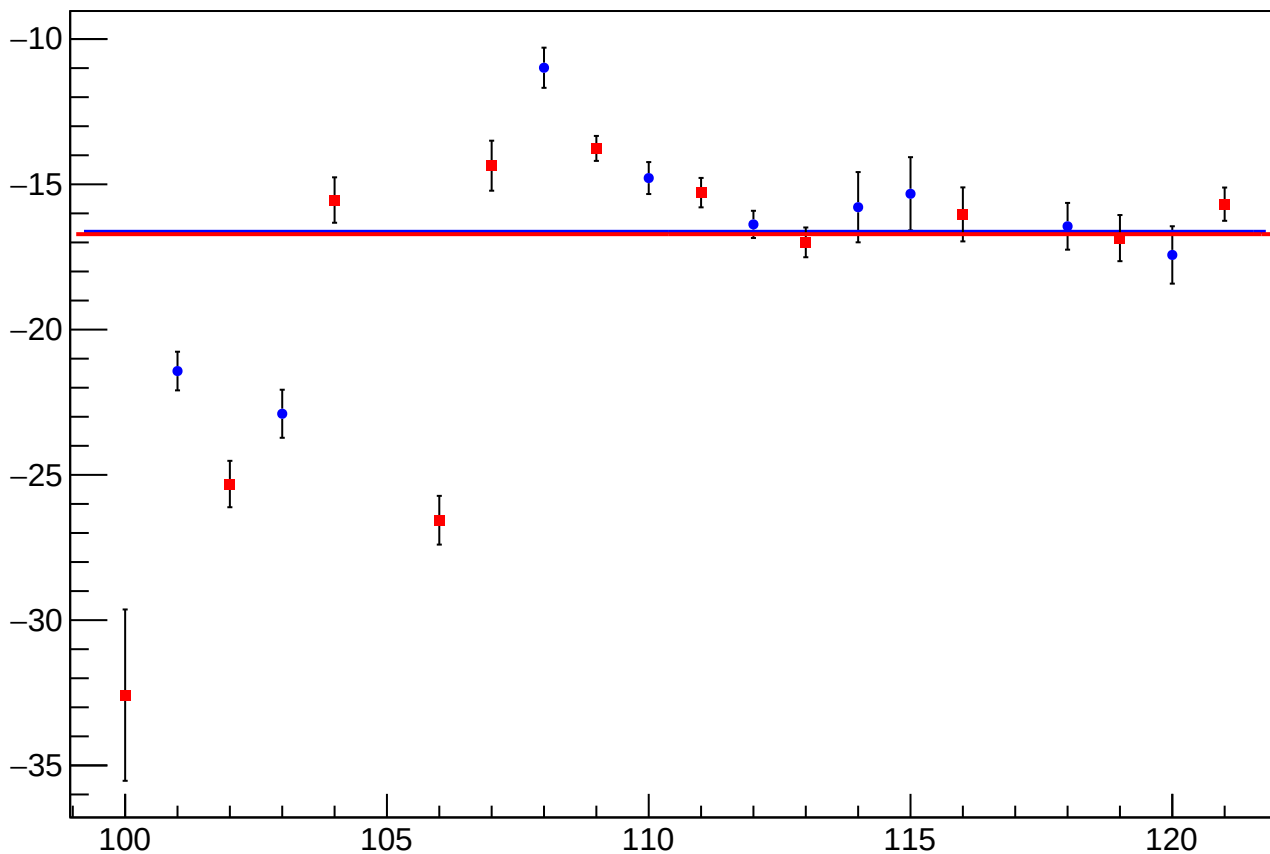
Right: -0.787 ± 0.020 χ^2/NDF : 561.8/19

In: -0.804 ± 0.030 χ^2/NDF : 186.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.787 ± 0.020 χ^2/NDF : 561.8/19

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.634 $\pm$ 0.239 χ^2 /NDF: 189.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.715 $\pm$ 0.200 χ^2 /NDF: 351.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

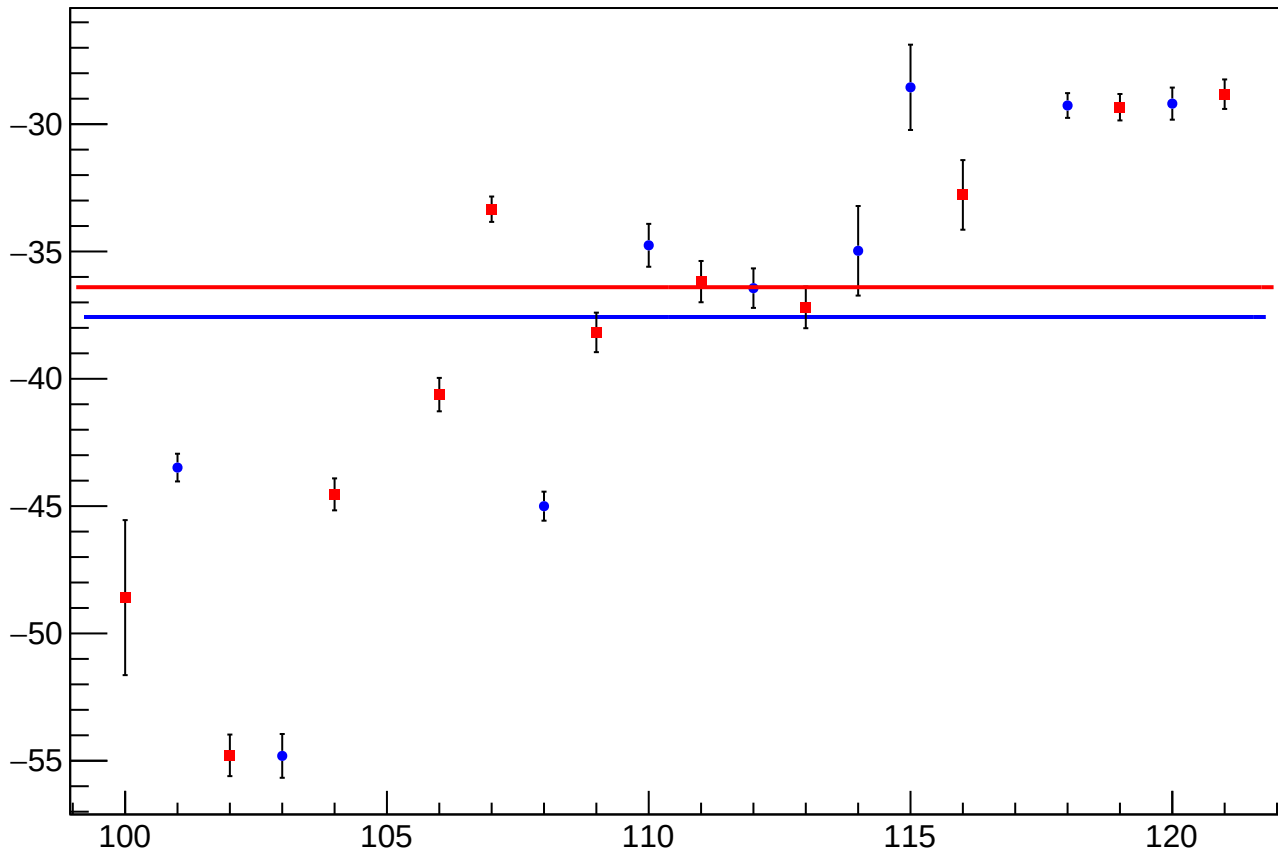
Right: -16.682 $\pm$ 0.153 χ^2 /NDF: 541.7/19

In: -16.634 $\pm$ 0.239 χ^2 /NDF:189.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.682 $\pm$ 0.153 χ^2 /NDF: 541.7/19

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.573 ± 0.234 χ^2/NDF : 1202.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.403 ± 0.211 χ^2/NDF : 1140.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

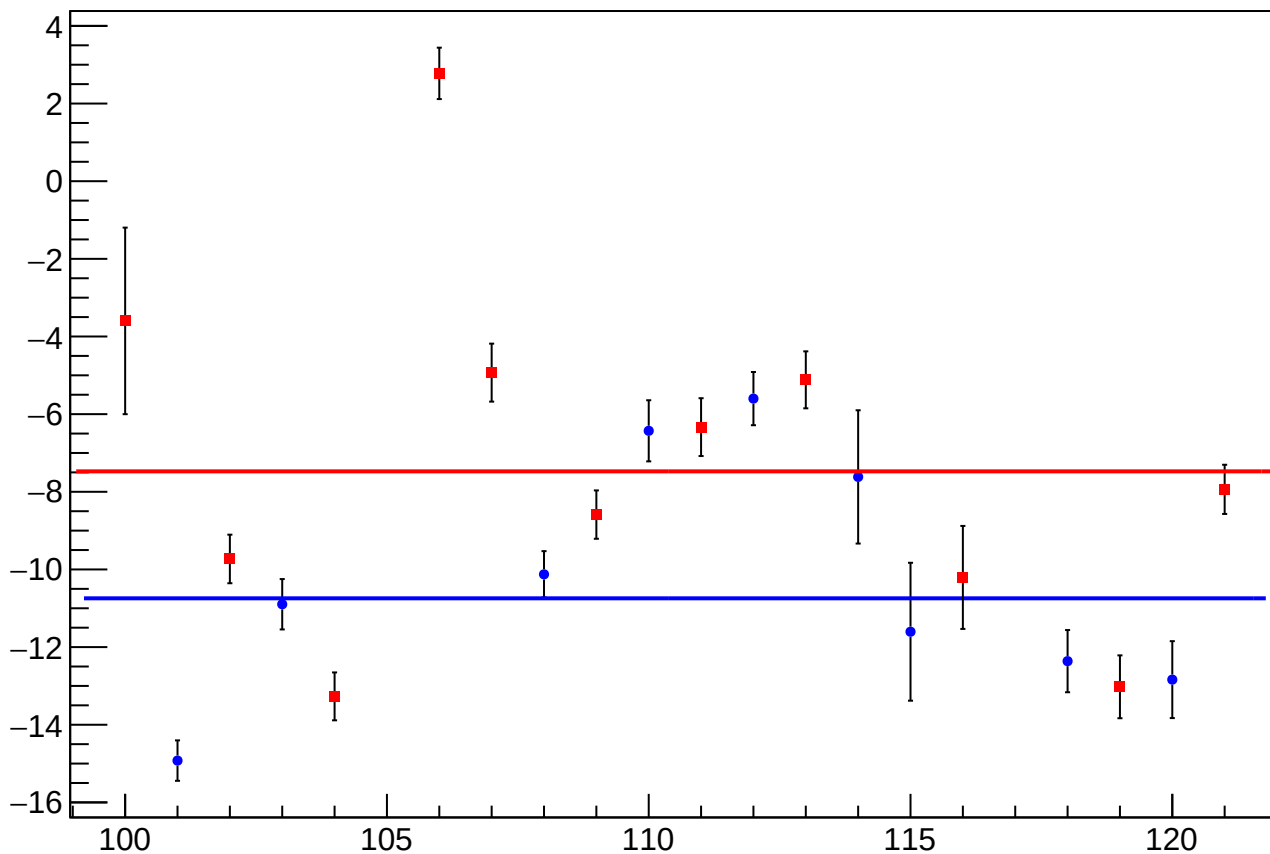
Right: -36.929 ± 0.157 χ^2/NDF : 2356.9/19

In: -37.573 ± 0.234 χ^2/NDF : 1202.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.929 ± 0.157 χ^2/NDF : 2356.9/19

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.744 ± 0.251 χ^2/NDF : 164.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.473 ± 0.222 χ^2/NDF : 422.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

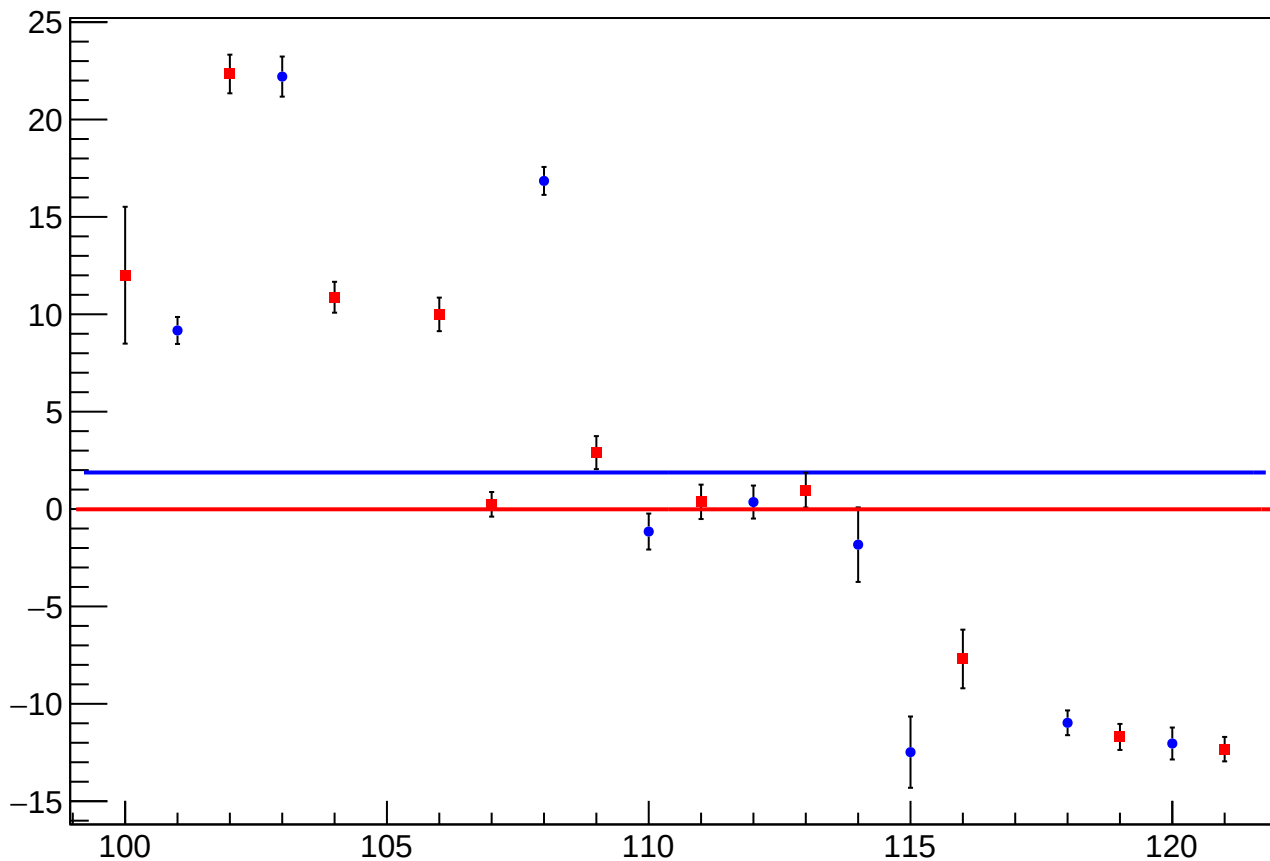
Right: -8.909 ± 0.166 χ^2/NDF : 682.1/19

In: -10.744 ± 0.251 χ^2/NDF : 164.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.909 ± 0.166 χ^2/NDF : 682.1/19

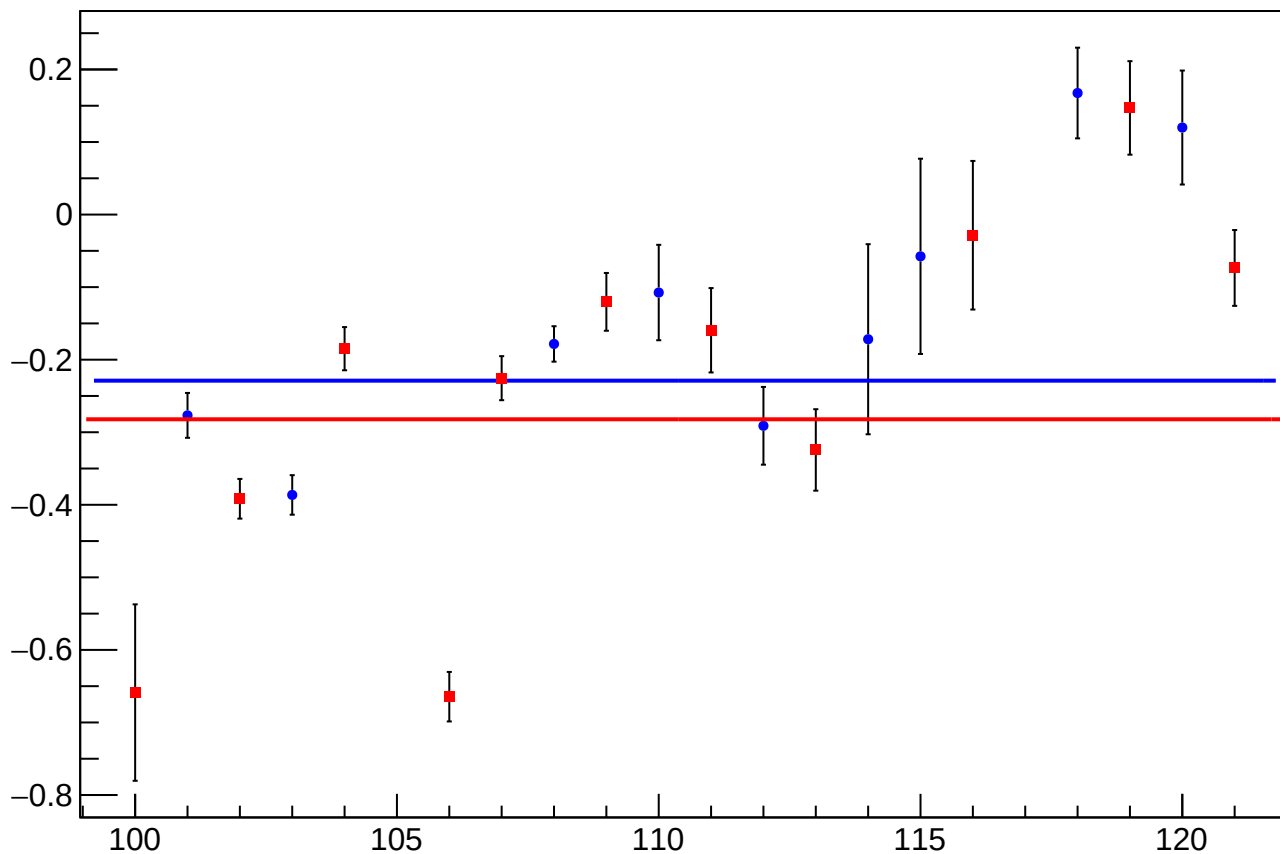
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.877+/-0.288 χ^2/NDF : 1712.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.013+/-0.252 χ^2/NDF : 1574.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.809+/-0.190 χ^2/NDF : 3311.1/19
 In: 1.877+/-0.288 χ^2/NDF : 1712.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.809+/-0.190 χ^2/NDF : 3311.1/19

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.229 ± 0.014 χ^2/NDF : 106.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.282 ± 0.012 χ^2/NDF : 253.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

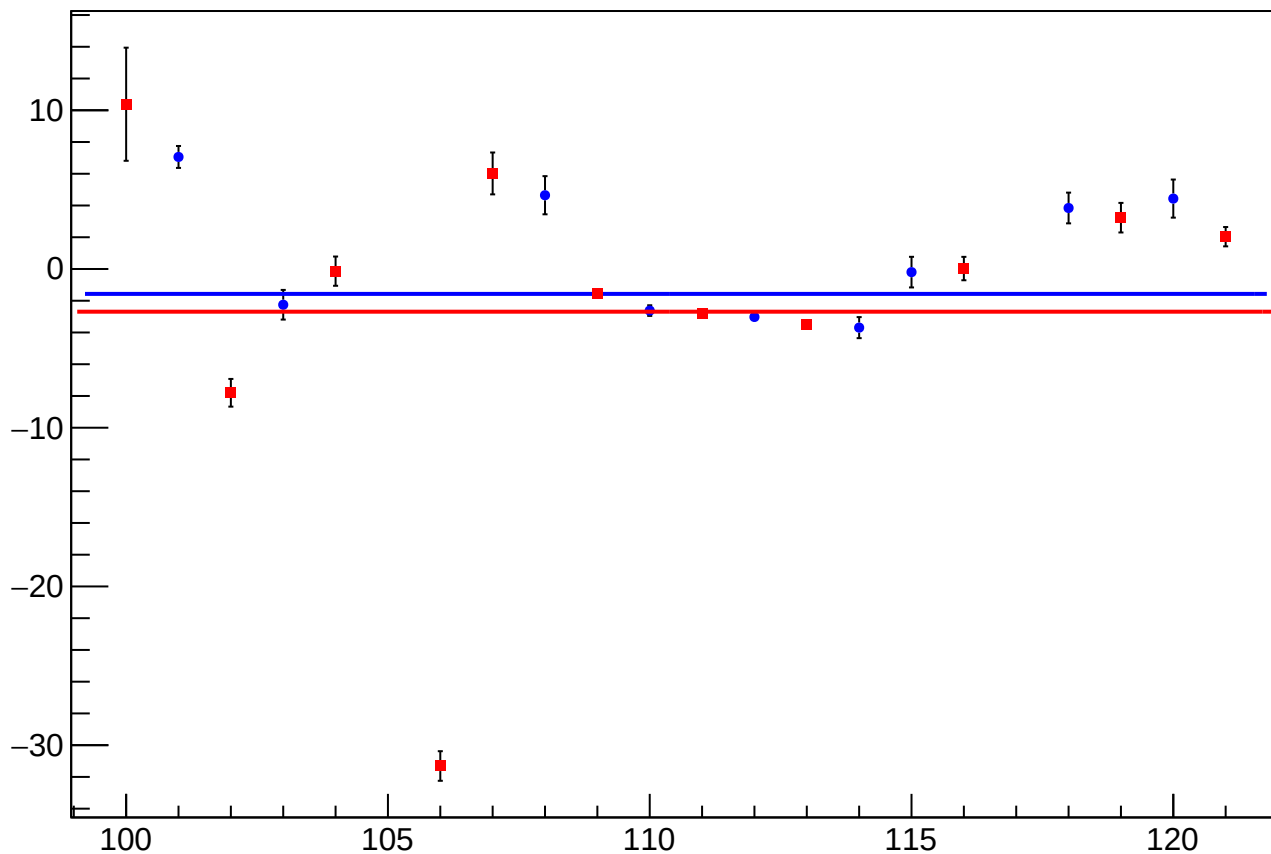
Right: -0.258 ± 0.009 χ^2/NDF : 368.1/19

In: -0.229 ± 0.014 χ^2/NDF : 106.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.258 ± 0.009 χ^2/NDF : 368.1/19

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.569+/-0.180 χ^2/NDF : 289.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.690+/-0.148 χ^2/NDF : 1180.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

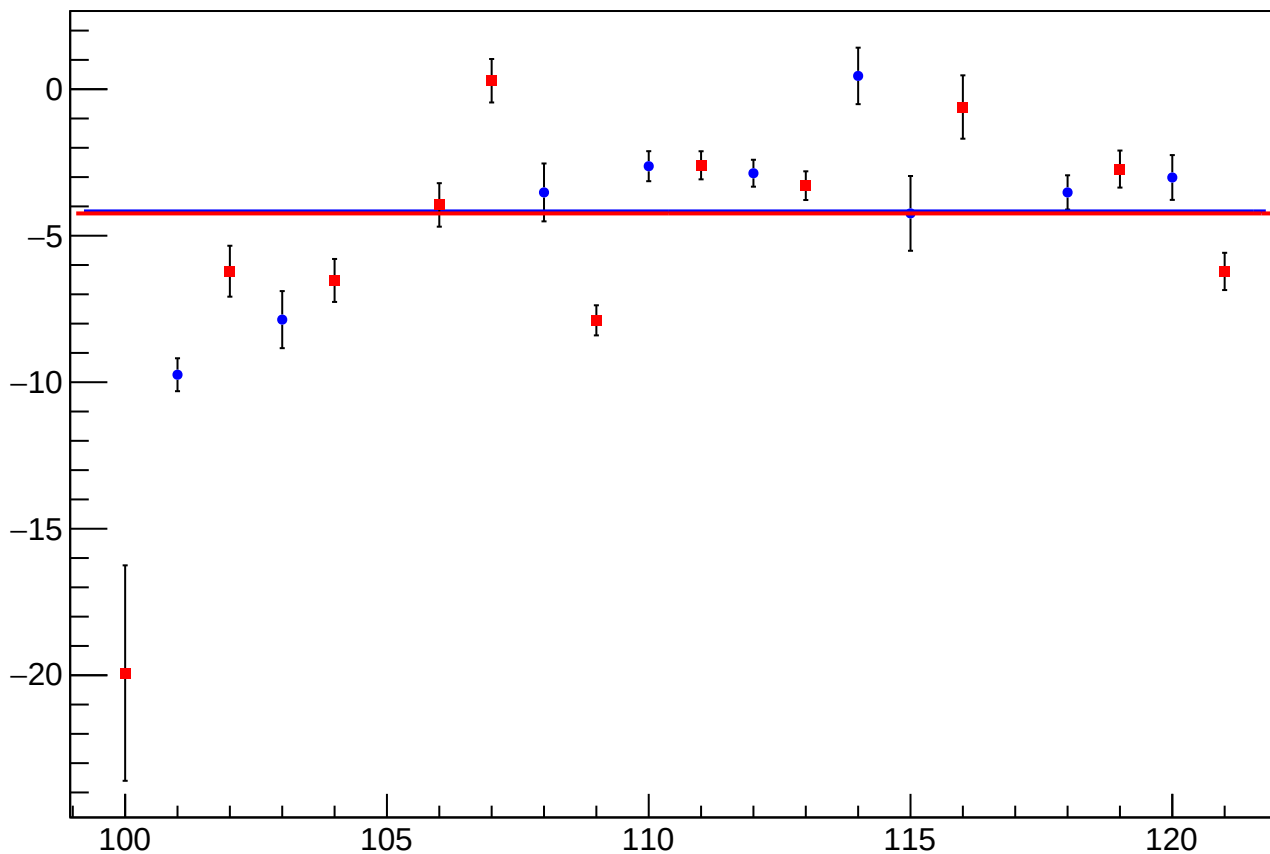
Right: -2.236+/-0.115 χ^2/NDF : 1492.9/19

In: -1.569+/-0.180 χ^2/NDF : 289.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.236+/-0.115 χ^2/NDF : 1492.9/19

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.171+/-0.223 χ^2 /NDF: 156.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.240+/-0.200 χ^2 /NDF: 163.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

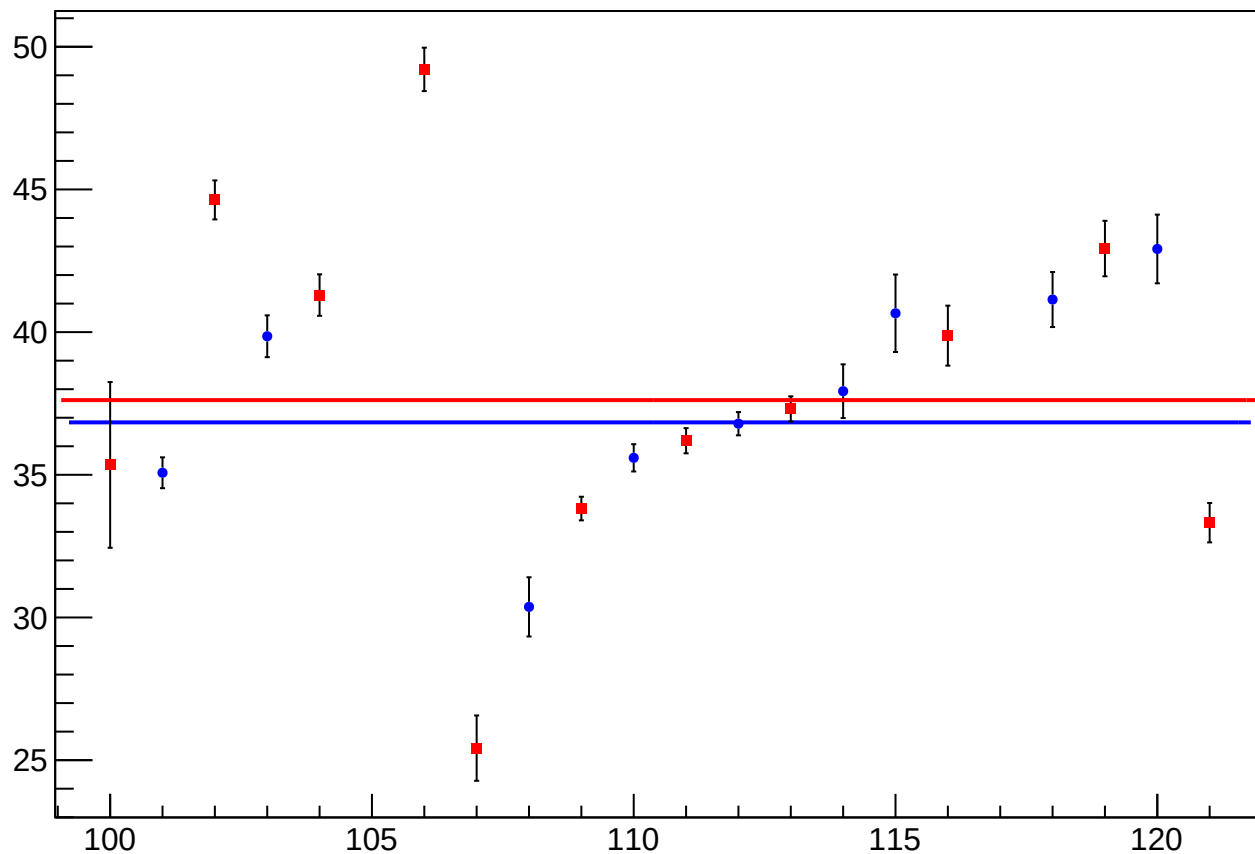
Right: -4.209+/-0.149 χ^2 /NDF: 320.0/19

In: -4.171+/-0.223 χ^2 /NDF:156.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.209+/-0.149 χ^2 /NDF: 320.0/19

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.837 $\pm$ 0.223 χ^2 /NDF: 127.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.617 $\pm$ 0.193 χ^2 /NDF: 645.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

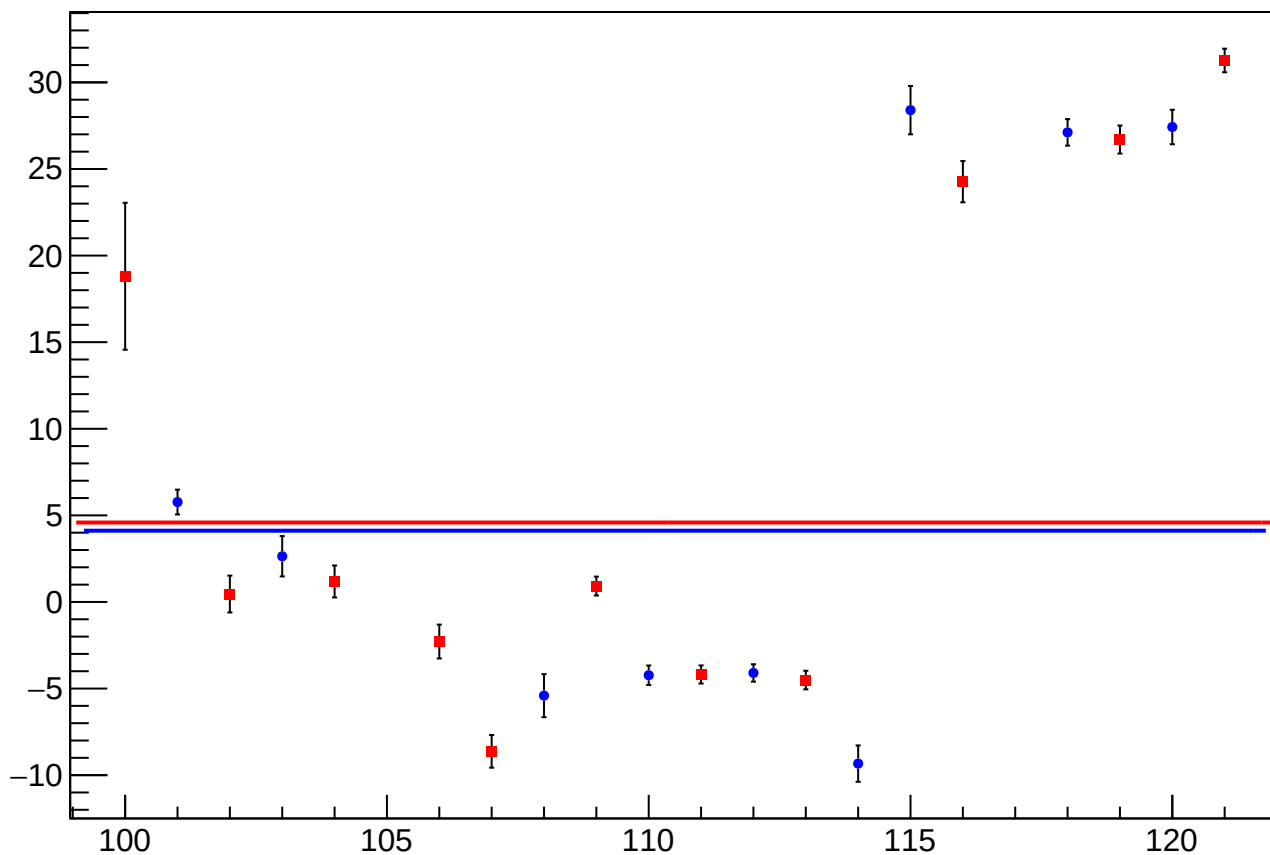
Right: 37.284 $\pm$ 0.146 χ^2 /NDF: 780.2/19

In: 36.837 $\pm$ 0.223 χ^2 /NDF: 127.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.284 $\pm$ 0.146 χ^2 /NDF: 780.2/19

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.114+/-0.262 χ^2/NDF : 2471.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.587+/-0.229 χ^2/NDF : 3446.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

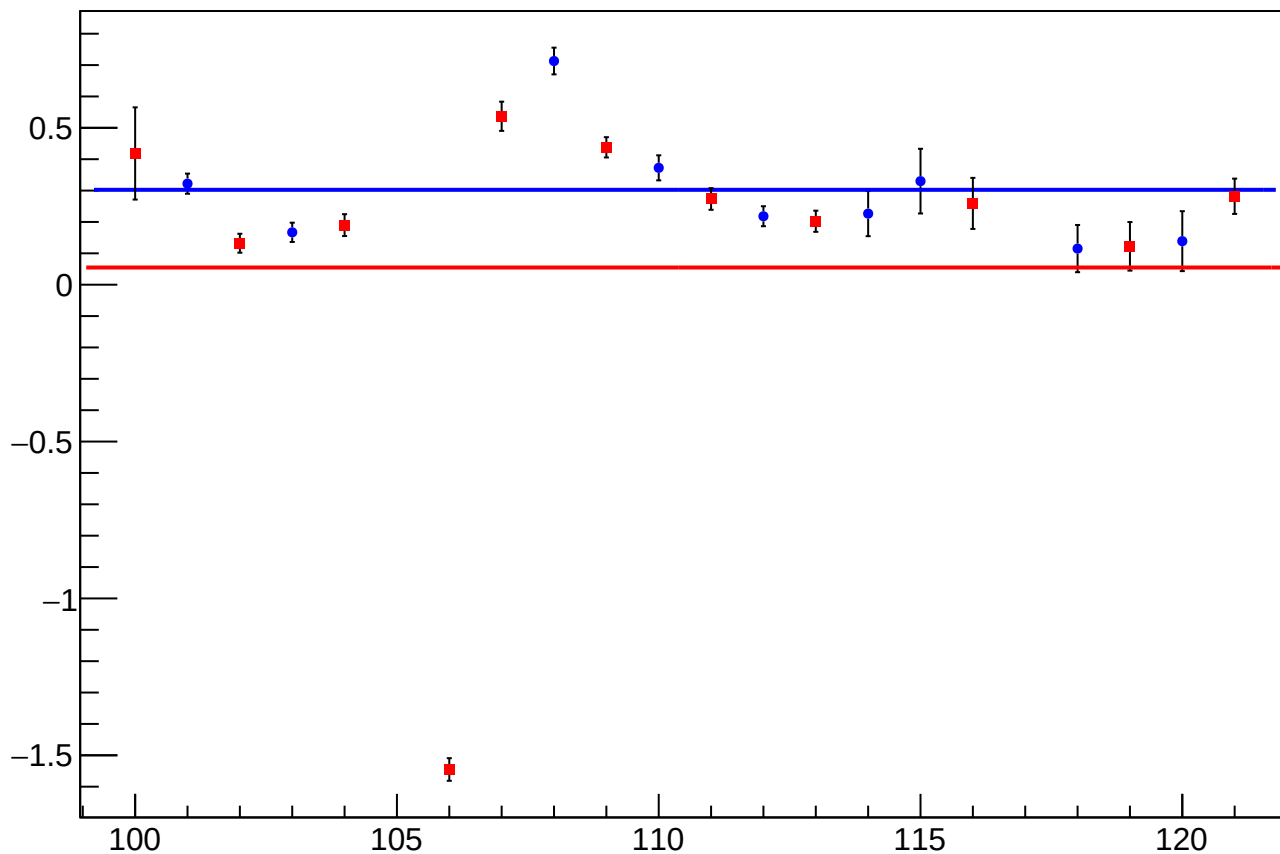
Right: 4.382+/-0.172 χ^2/NDF : 5919.2/19

In: 4.114+/-0.262 χ^2/NDF : 2471.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.382+/-0.172 χ^2/NDF : 5919.2/19

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.302 $\pm$ 0.014 χ^2 /NDF: 133.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.055 $\pm$ 0.012 χ^2 /NDF: 2326.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

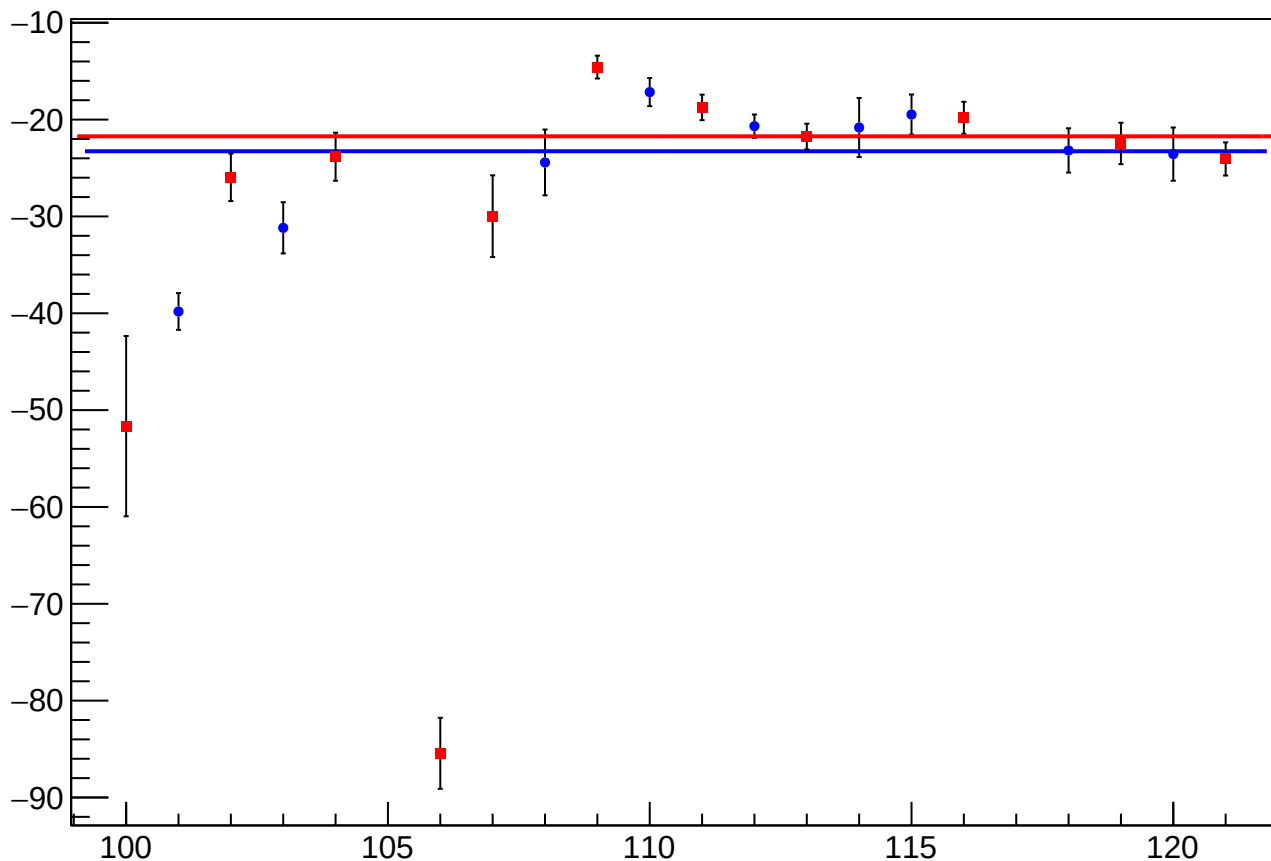
Right: 0.160 $\pm$ 0.009 χ^2 /NDF: 2628.0/19

In: 0.302 $\pm$ 0.014 χ^2 /NDF:133.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.160 $\pm$ 0.009 χ^2 /NDF: 2628.0/19

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.271+/-0.654 χ^2/NDF : 111.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.728+/-0.554 χ^2/NDF : 365.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

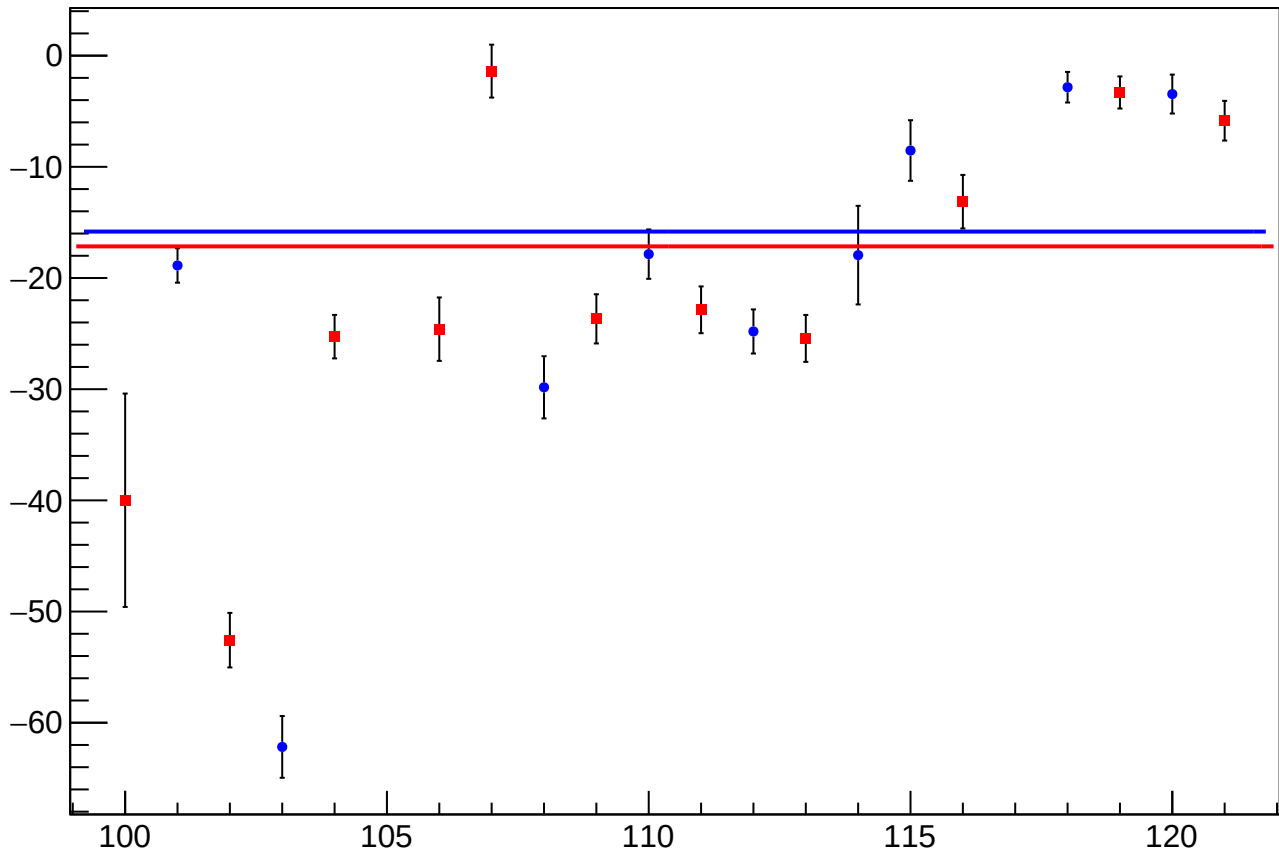
Right: -22.372+/-0.422 χ^2/NDF : 479.7/19

In: -23.271+/-0.654 χ^2/NDF : 111.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.372+/-0.422 χ^2/NDF : 479.7/19

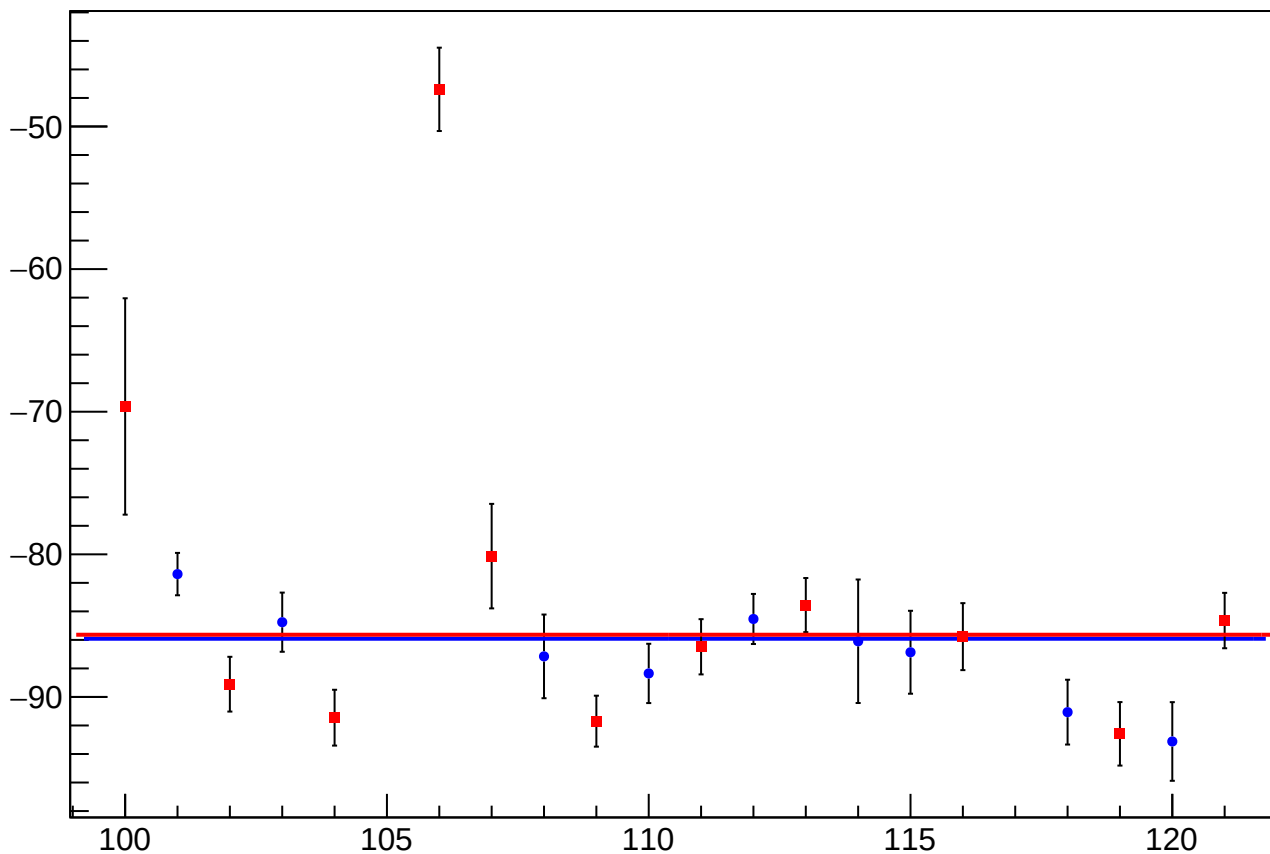
reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.822 ± 0.679 $\chi^2/\text{NDF}: 475.1/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -17.154 ± 0.651 $\chi^2/\text{NDF}: 448.1/10$
 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: -16.516 ± 0.470 $\chi^2/\text{NDF}: 925.3/19$
 In: -15.822 ± 0.679 $\chi^2/\text{NDF}: 475.1/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -16.516 ± 0.470 $\chi^2/\text{NDF}: 925.3/19$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.918 $\pm$ 0.734 χ^2 /NDF: 23.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.638 $\pm$ 0.667 χ^2 /NDF: 213.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

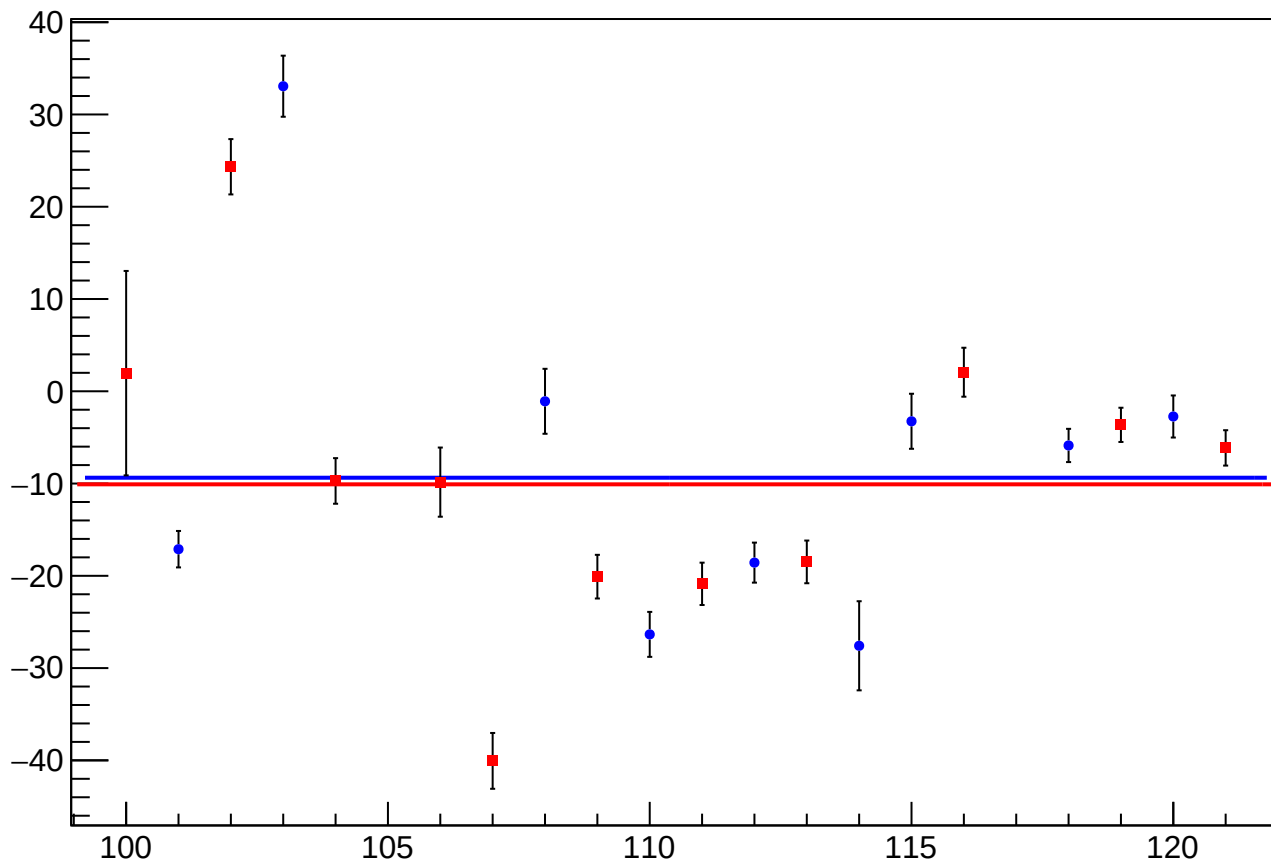
Right: -85.764 $\pm$ 0.494 χ^2 /NDF: 236.9/19

In: -85.918 $\pm$ 0.734 χ^2 /NDF:23.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.764 $\pm$ 0.494 χ^2 /NDF: 236.9/19

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.369+/-0.826 χ^2 /NDF: 282.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.085+/-0.762 χ^2 /NDF: 321.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

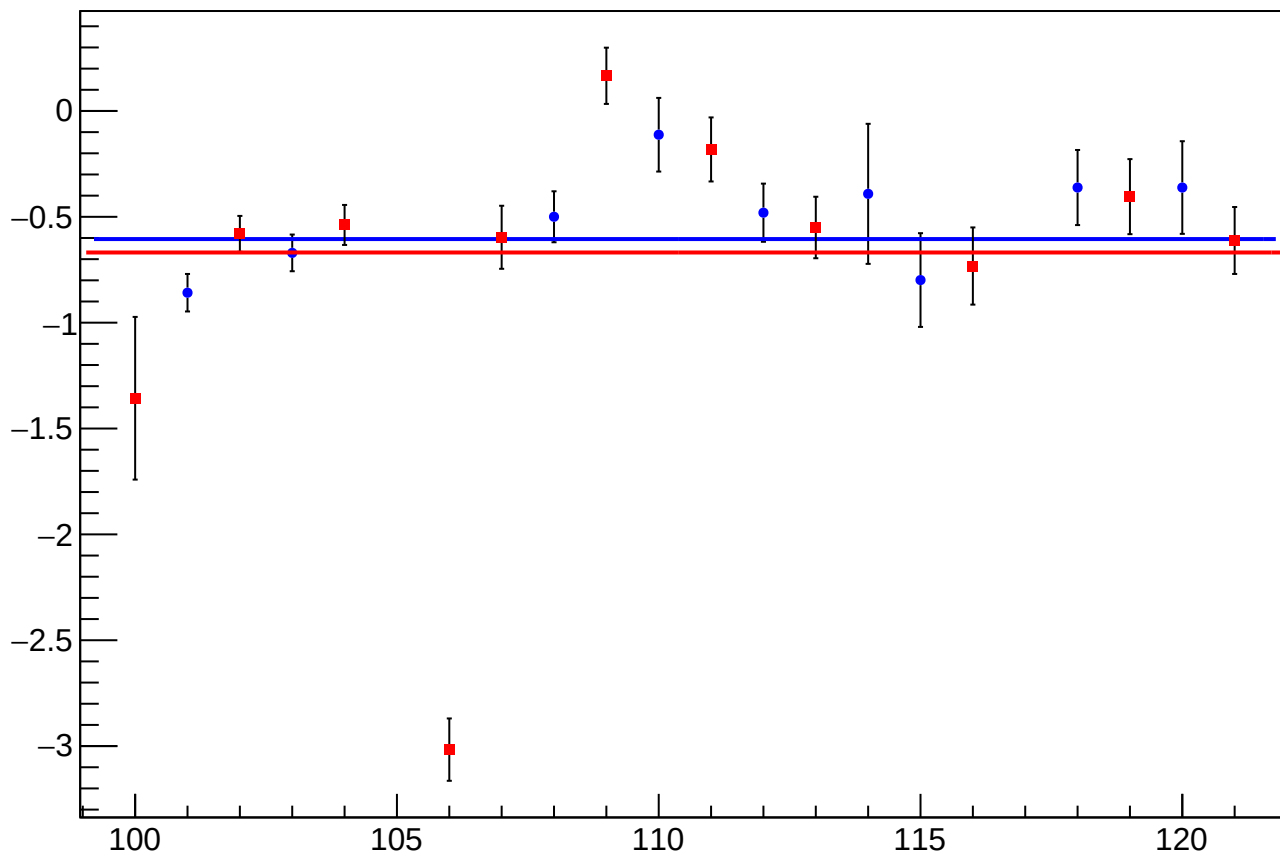
Right: -9.756+/-0.560 χ^2 /NDF: 604.4/19

In: -9.369+/-0.826 χ^2 /NDF:282.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.756+/-0.560 χ^2 /NDF: 604.4/19

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.605+/-0.045 χ^2/NDF : 22.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.668+/-0.041 χ^2/NDF : 313.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

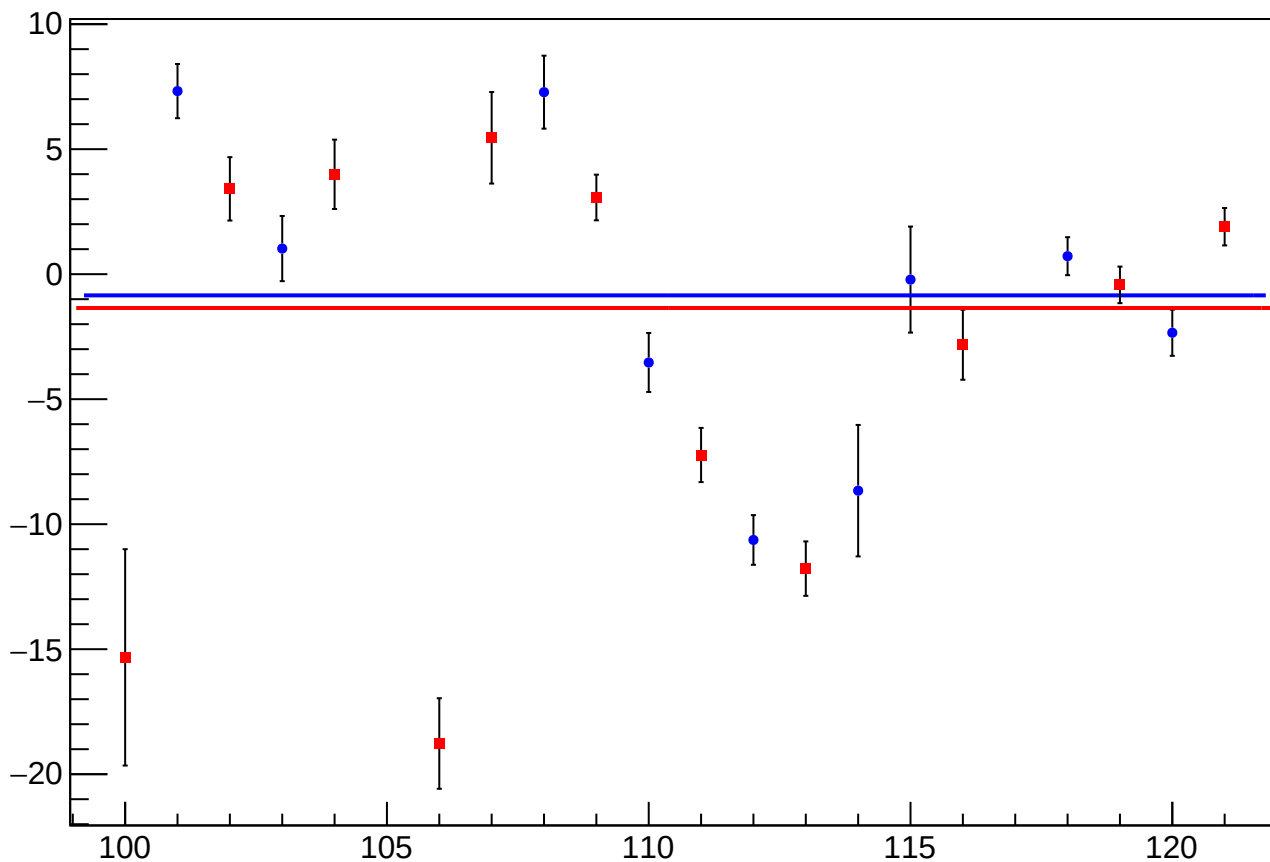
Right: -0.640+/-0.030 χ^2/NDF : 337.5/19

In: -0.605+/-0.045 χ^2/NDF : 22.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.640+/-0.030 χ^2/NDF : 337.5/19

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.848 ± 0.380 χ^2/NDF : 207.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.352 ± 0.336 χ^2/NDF : 312.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

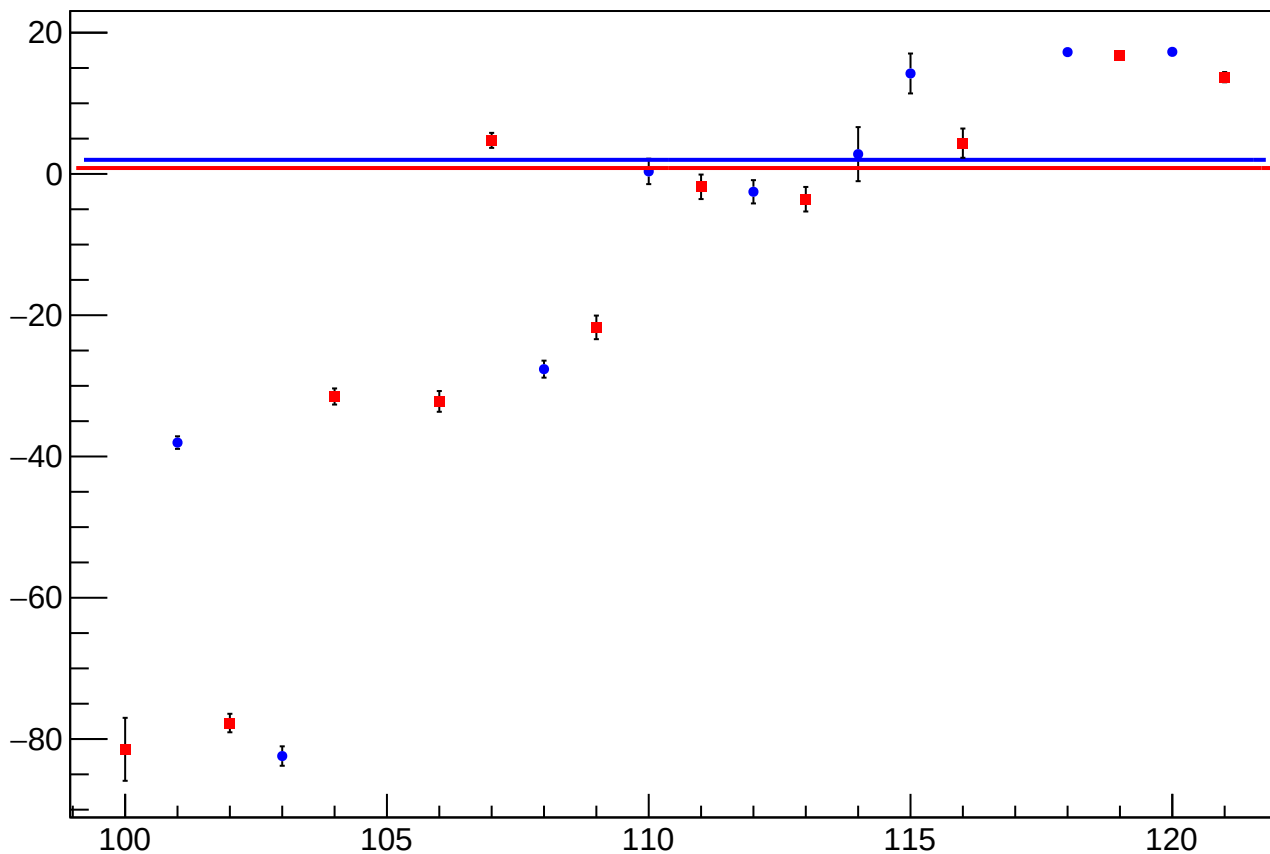
Right: -1.131 ± 0.252 χ^2/NDF : 520.8/19

In: -0.848 ± 0.380 χ^2/NDF : 207.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.131 ± 0.252 χ^2/NDF : 520.8/19

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.998+/-0.302 χ^2/NDF : 8197.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.837+/-0.310 χ^2/NDF : 6913.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

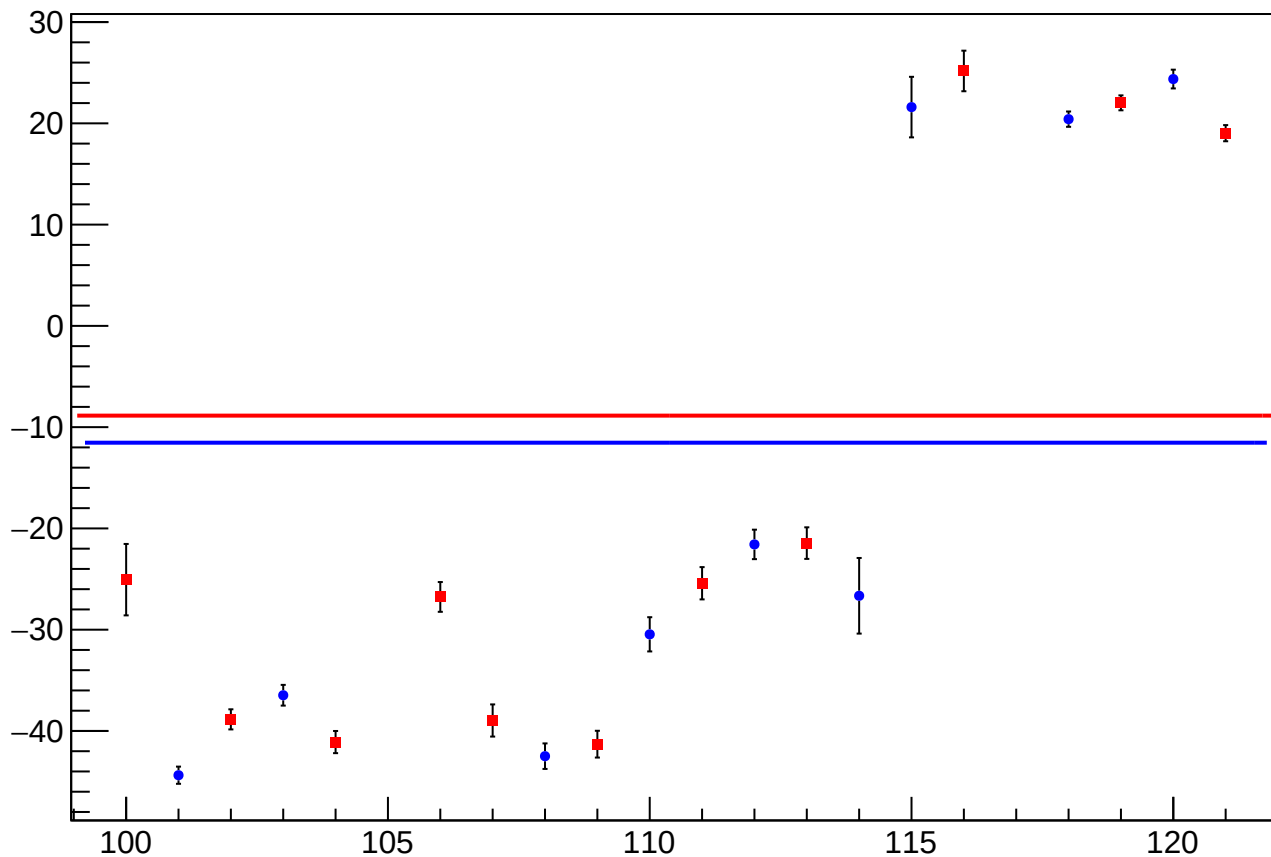
Right: 1.432+/-0.216 χ^2/NDF : 15117.9/19

In: 1.998+/-0.302 χ^2/NDF : 8197.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.432+/-0.216 χ^2/NDF : 15117.9/19

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.535+/-0.381 χ^2/NDF : 6293.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.862+/-0.358 χ^2/NDF : 6347.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

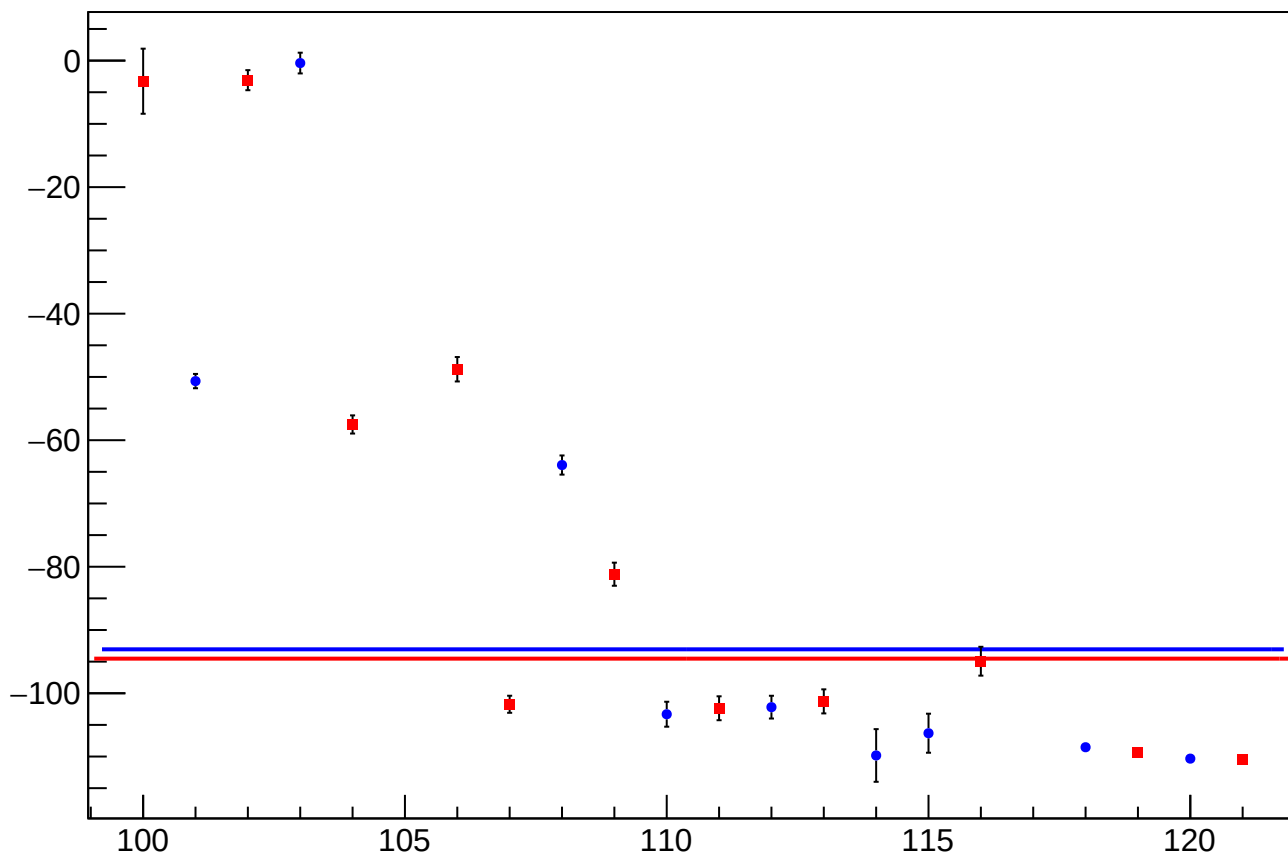
Right: -10.114+/-0.261 χ^2/NDF : 12666.9/19

In: -11.535+/-0.381 χ^2/NDF : 6293.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.114+/-0.261 χ^2/NDF : 12666.9/19

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -93.054+/-0.383 χ^2/NDF : 6235.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -94.527+/-0.375 χ^2/NDF : 5979.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

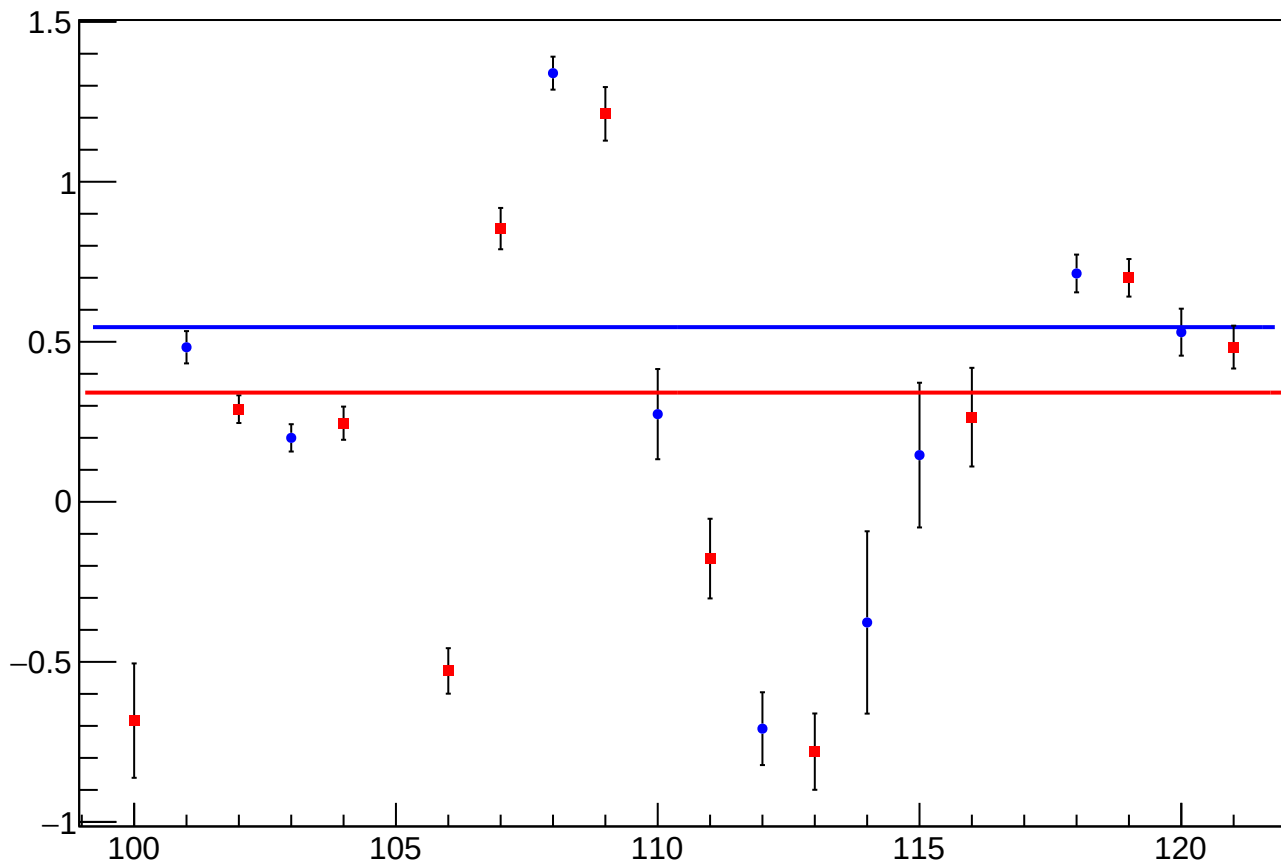
Right: -93.807+/-0.268 χ^2/NDF : 12222.5/19

In: -93.054+/-0.383 χ^2/NDF :6235.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -93.807+/-0.268 χ^2/NDF : 12222.5/19

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.546 $\pm$ 0.023 χ^2 /NDF: 451.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.341 $\pm$ 0.021 χ^2 /NDF: 506.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

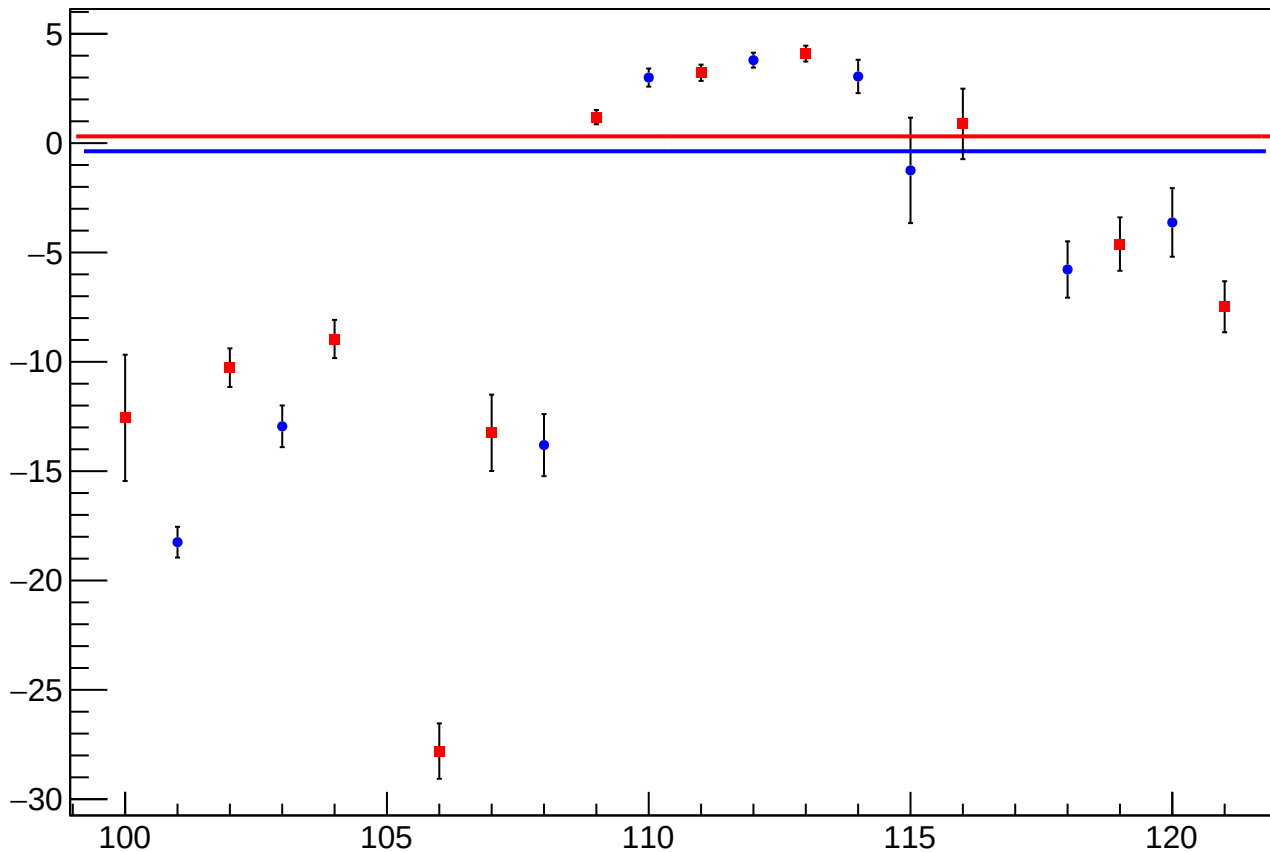
Right: 0.437 $\pm$ 0.016 χ^2 /NDF: 1001.8/19

In: 0.546 $\pm$ 0.023 χ^2 /NDF:451.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.437 $\pm$ 0.016 χ^2 /NDF: 1001.8/19

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.371+/-0.218 χ^2/NDF : 1166.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.311+/-0.183 χ^2/NDF : 1067.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

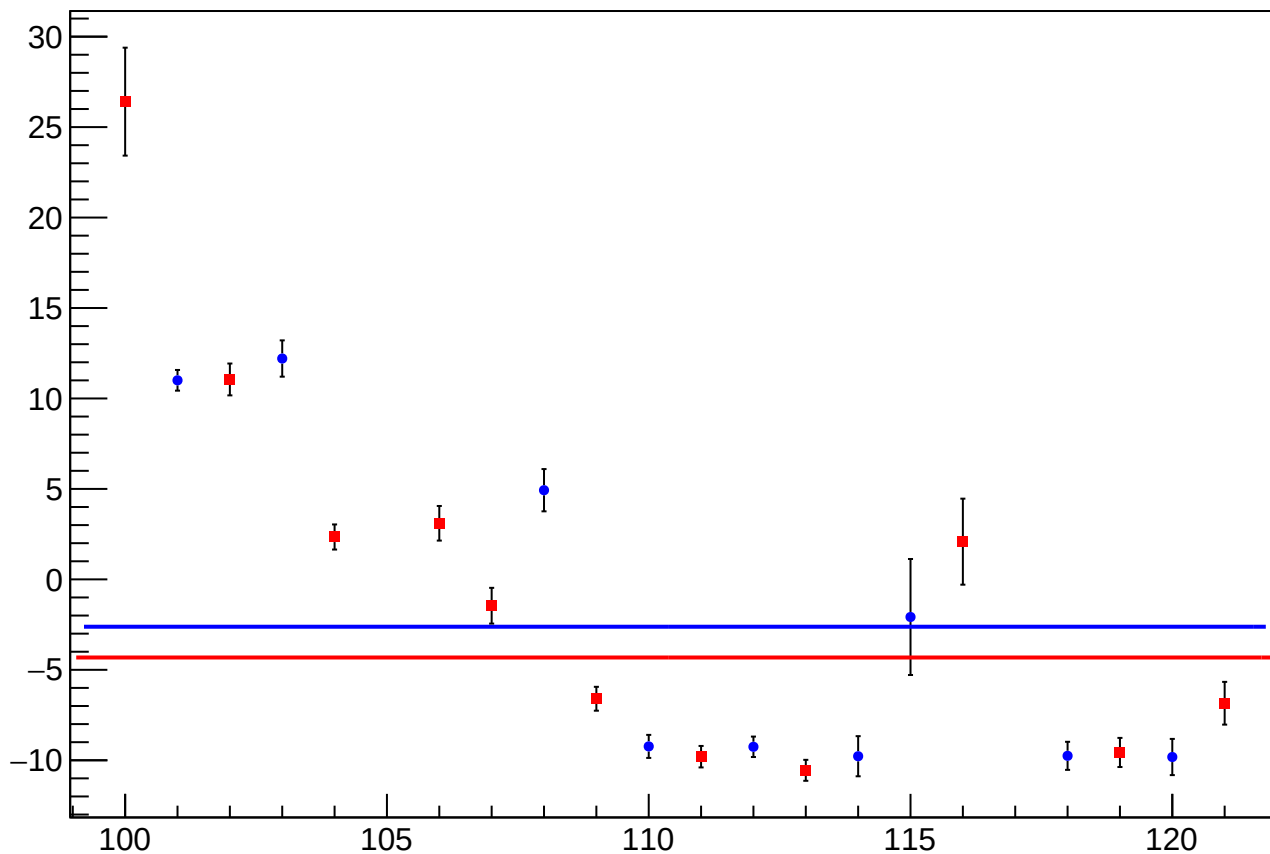
Right: 0.029+/-0.141 χ^2/NDF : 2240.0/19

In: -0.371+/-0.218 χ^2/NDF :1166.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.141 χ^2/NDF : 2240.0/19

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.618+/-0.268 χ^2/NDF : 1251.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.318+/-0.249 χ^2/NDF : 839.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

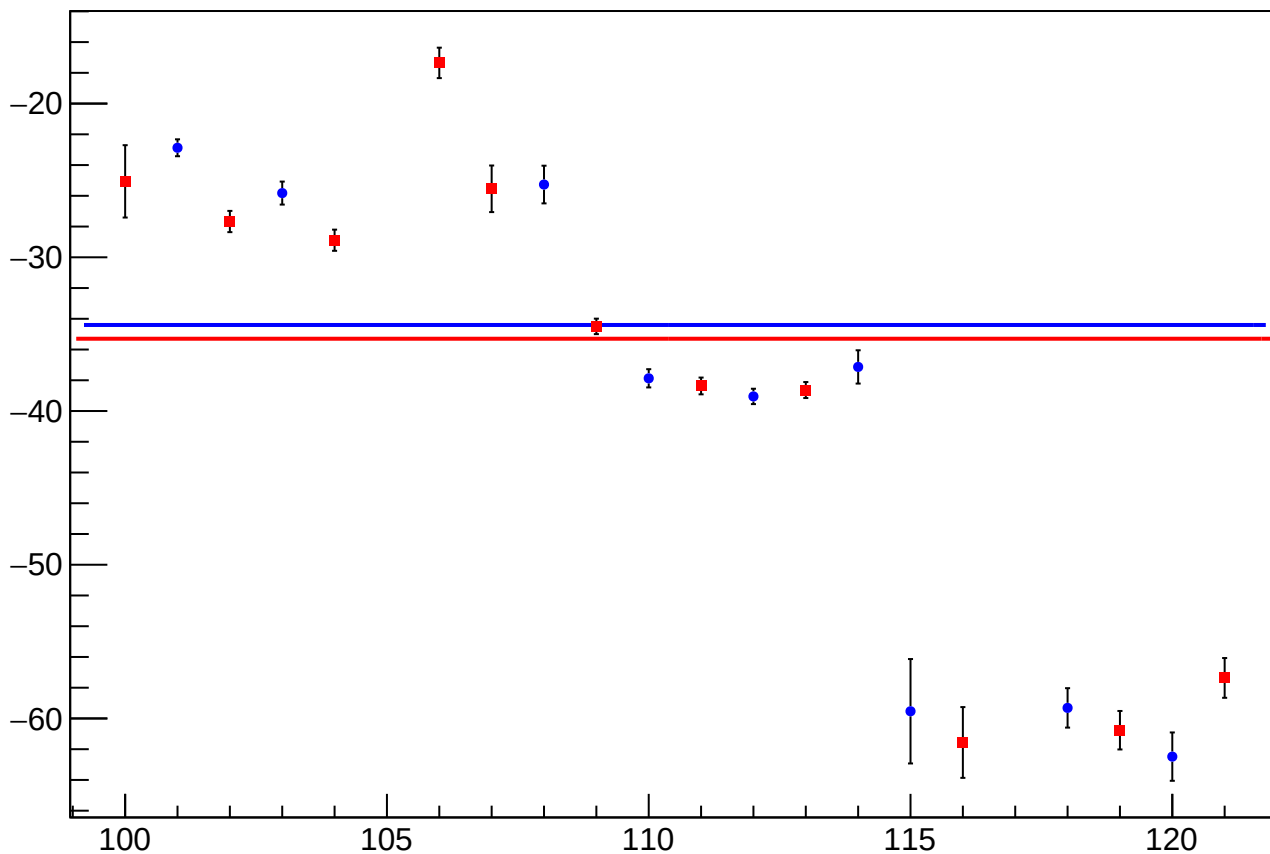
Right: -3.530+/-0.182 χ^2/NDF : 2112.5/19

In: -2.618+/-0.268 χ^2/NDF : 1251.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.530+/-0.182 χ^2/NDF : 2112.5/19

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -34.403 $\pm$ 0.262 χ^2 /NDF: 1503.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.298 $\pm$ 0.234 χ^2 /NDF: 1507.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

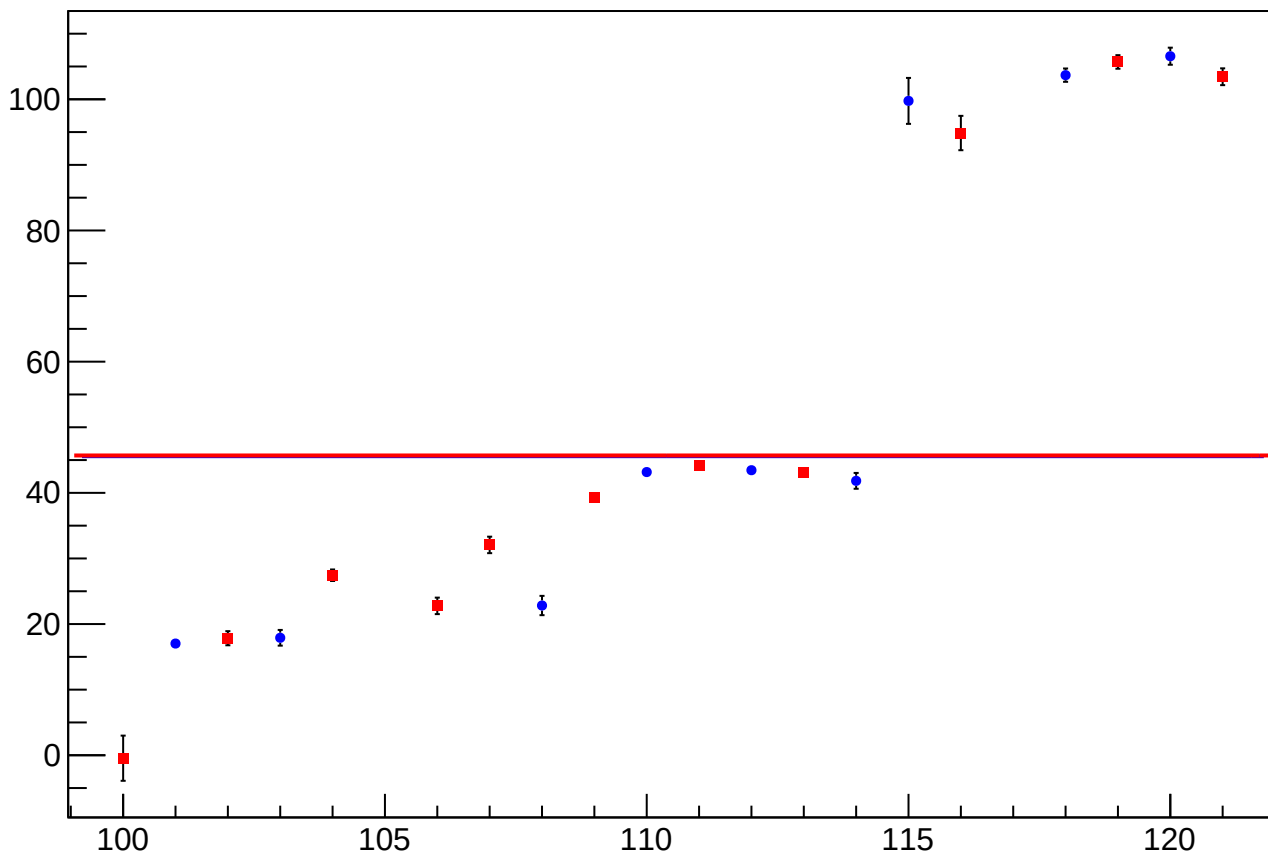
Right: -34.901 $\pm$ 0.175 χ^2 /NDF: 3018.2/19

In: -34.403 $\pm$ 0.262 χ^2 /NDF:1503.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.901 $\pm$ 0.175 χ^2 /NDF: 3018.2/19

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.592+/-0.315 χ^2/NDF : 8056.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.699+/-0.287 χ^2/NDF : 7592.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

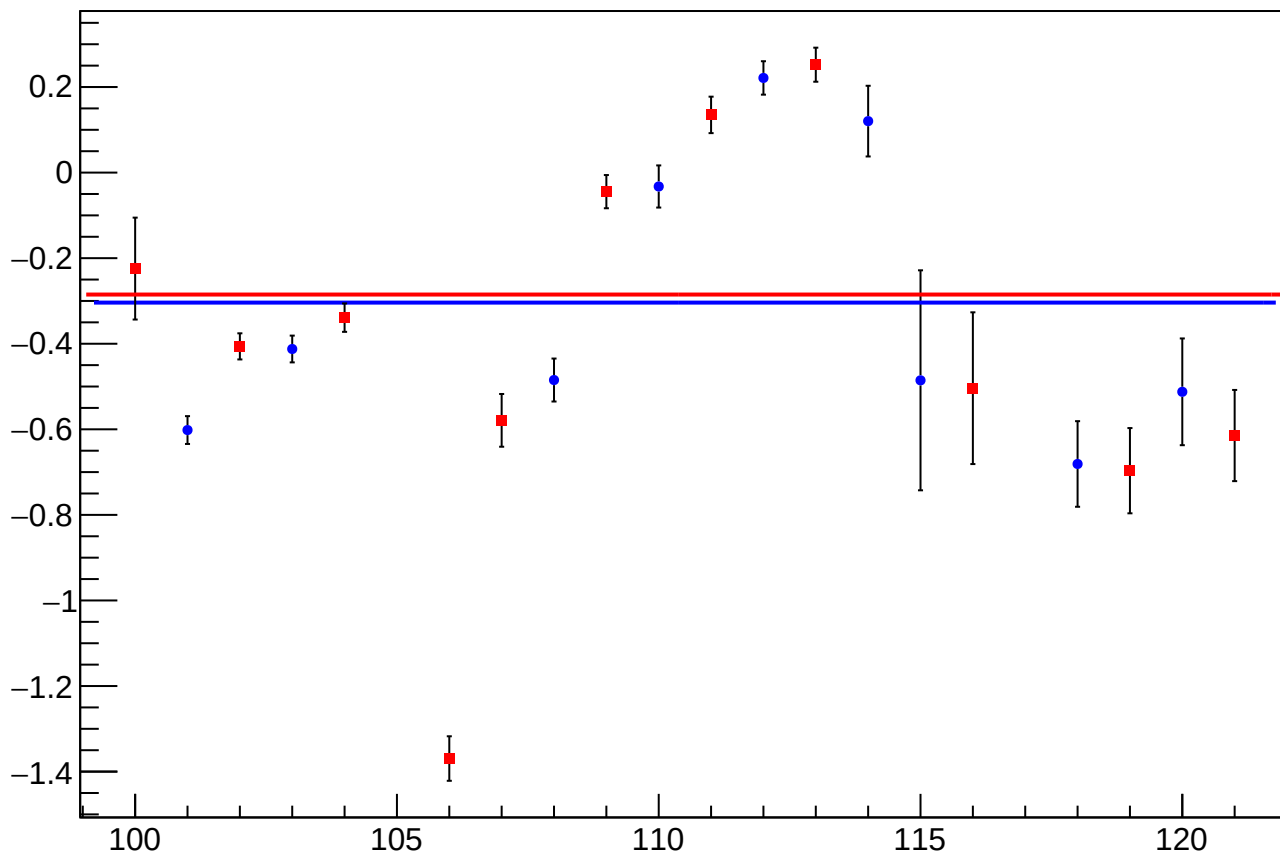
Right: 45.651+/-0.212 χ^2/NDF : 15649.3/19

In: 45.592+/-0.315 χ^2/NDF : 8056.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.651+/-0.212 χ^2/NDF : 15649.3/19

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.304+/-0.016 χ^2/NDF : 363.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.285+/-0.015 χ^2/NDF : 821.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

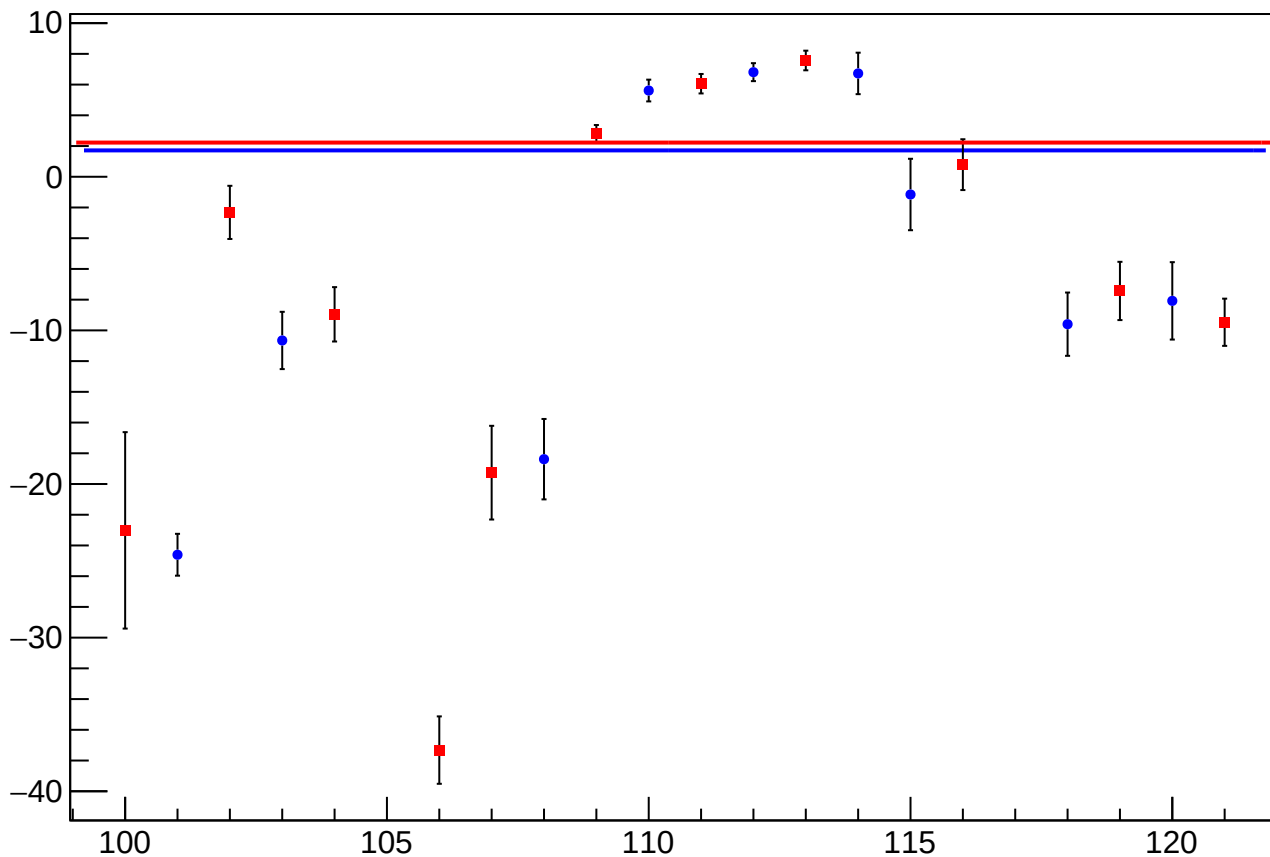
Right: -0.293+/-0.011 χ^2/NDF : 1186.3/19

In: -0.304+/-0.016 χ^2/NDF :363.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.293+/-0.011 χ^2/NDF : 1186.3/19

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.716+/-0.378 χ^2/NDF : 642.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.225+/-0.315 χ^2/NDF : 629.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

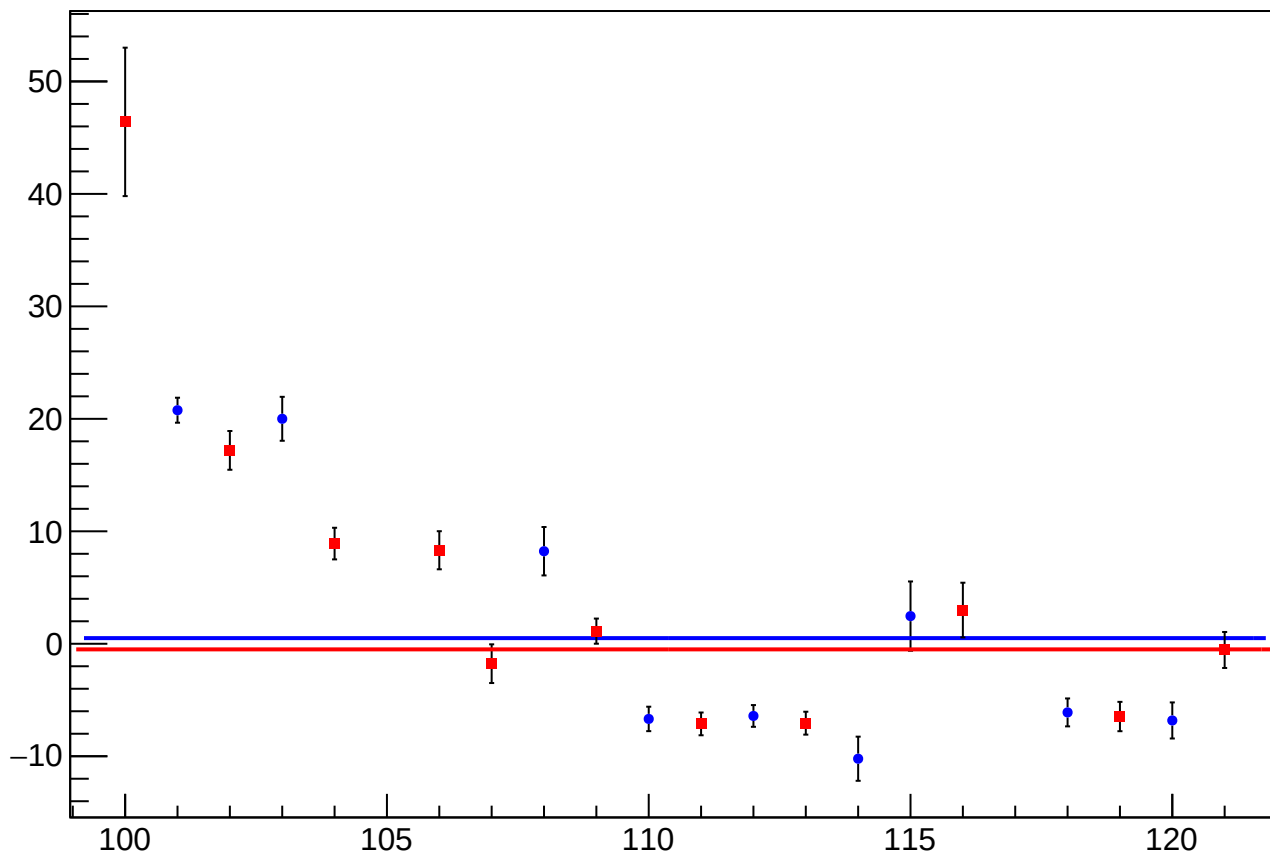
Right: 2.016+/-0.242 χ^2/NDF : 1273.2/19

In: 1.716+/-0.378 χ^2/NDF : 642.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.016+/-0.242 χ^2/NDF : 1273.2/19

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.502+/-0.466 χ^2/NDF : 619.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.499+/-0.429 χ^2/NDF : 337.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

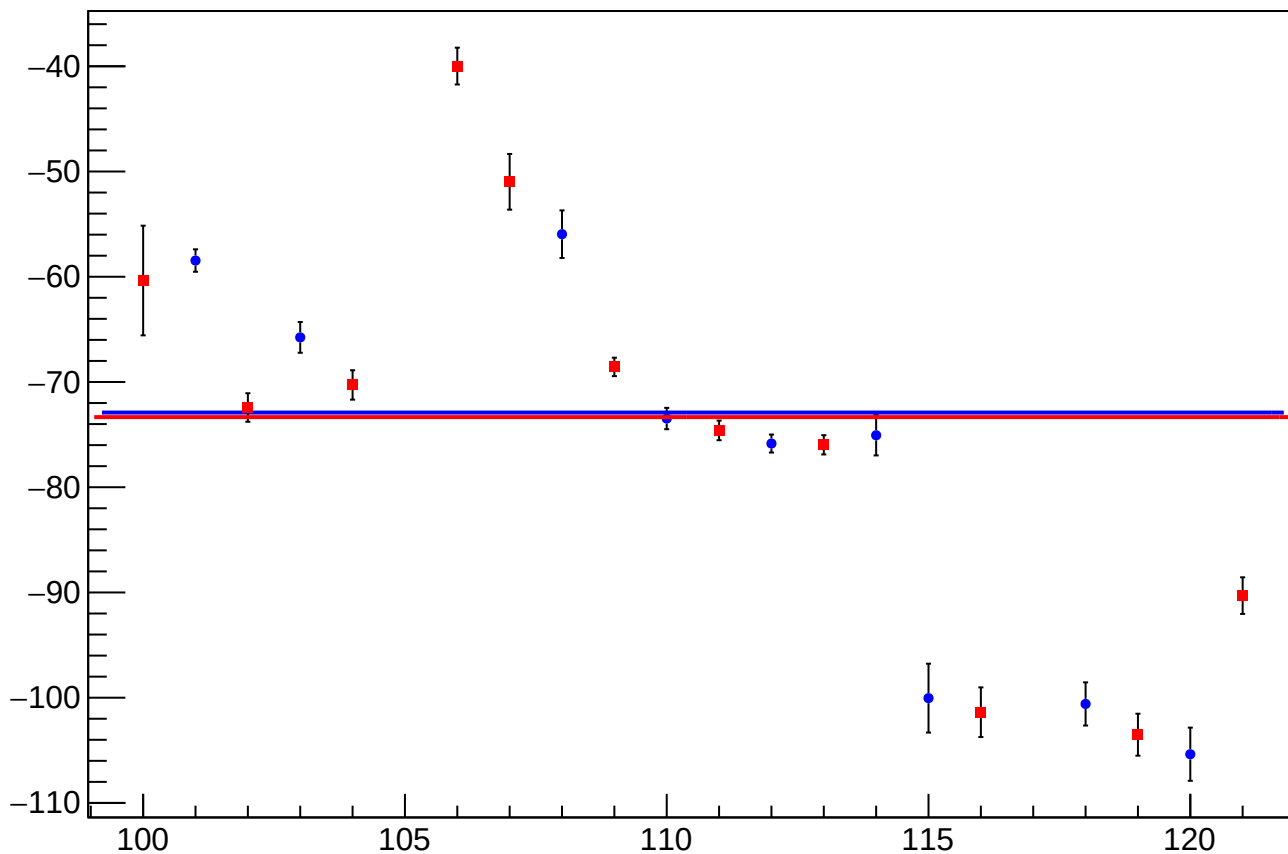
Right: -0.040+/-0.315 χ^2/NDF : 959.8/19

In: 0.502+/-0.466 χ^2/NDF :619.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.040+/-0.315 χ^2/NDF : 959.8/19

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.905 $\pm$ 0.464 χ^2 /NDF: 693.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.338 $\pm$ 0.409 χ^2 /NDF: 951.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

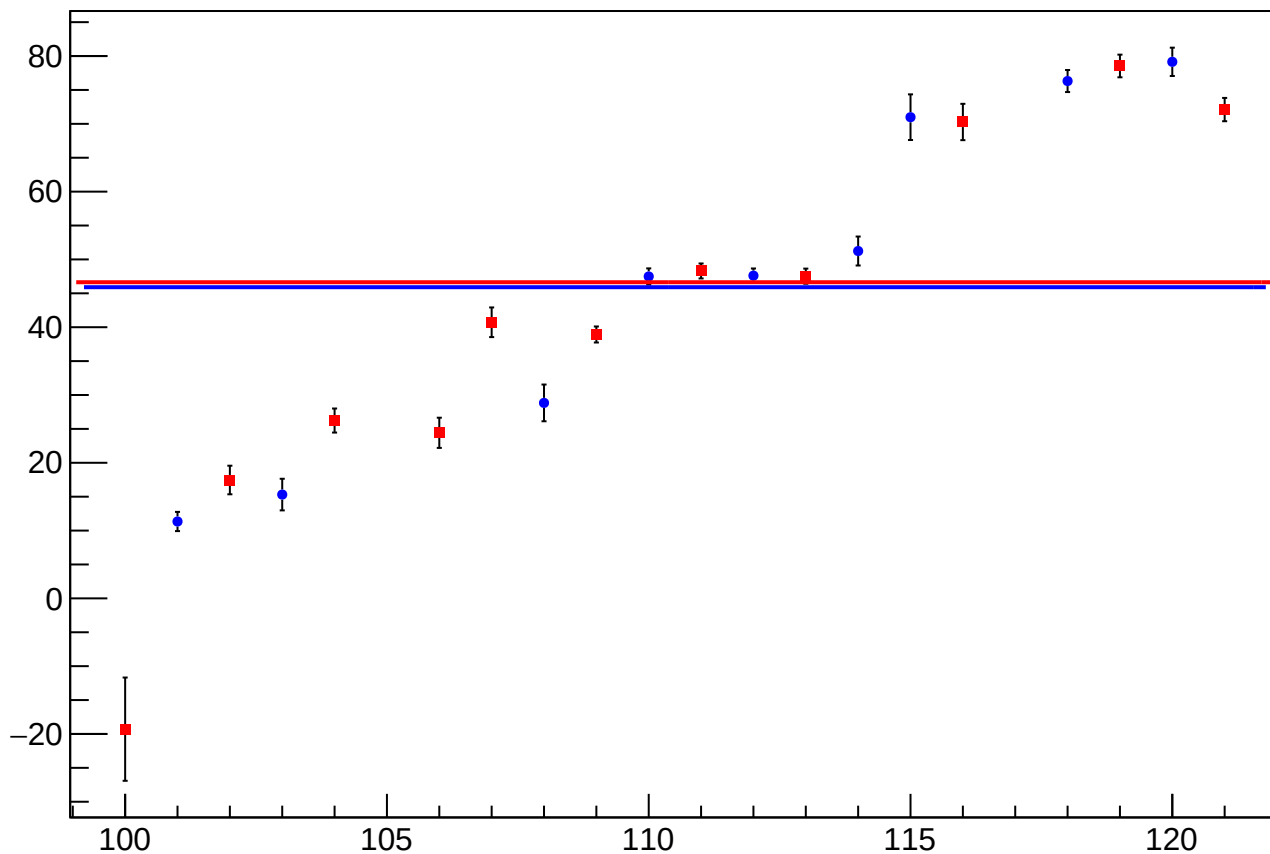
Right: -73.149 $\pm$ 0.307 χ^2 /NDF: 1645.6/19

In: -72.905 $\pm$ 0.464 χ^2 /NDF:693.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.149 $\pm$ 0.307 χ^2 /NDF: 1645.6/19

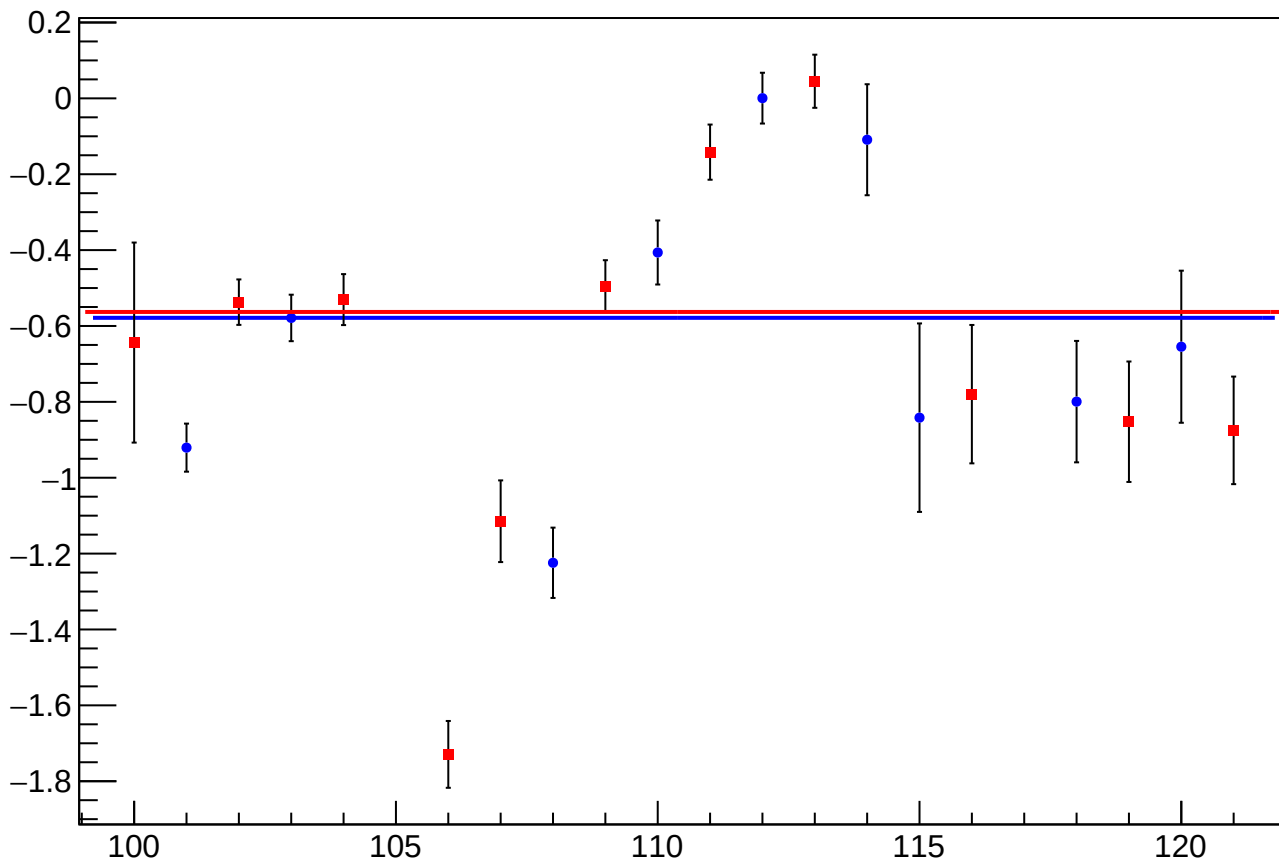
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.901+/-0.548 χ^2/NDF : 1476.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 46.636+/-0.491 χ^2/NDF : 1212.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 46.308+/-0.366 χ^2/NDF : 2689.7/19
 In: 45.901+/-0.548 χ^2/NDF : 1476.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 46.308+/-0.366 χ^2/NDF : 2689.7/19

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.579+/-0.030 χ^2/NDF : 170.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.563+/-0.026 χ^2/NDF : 321.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

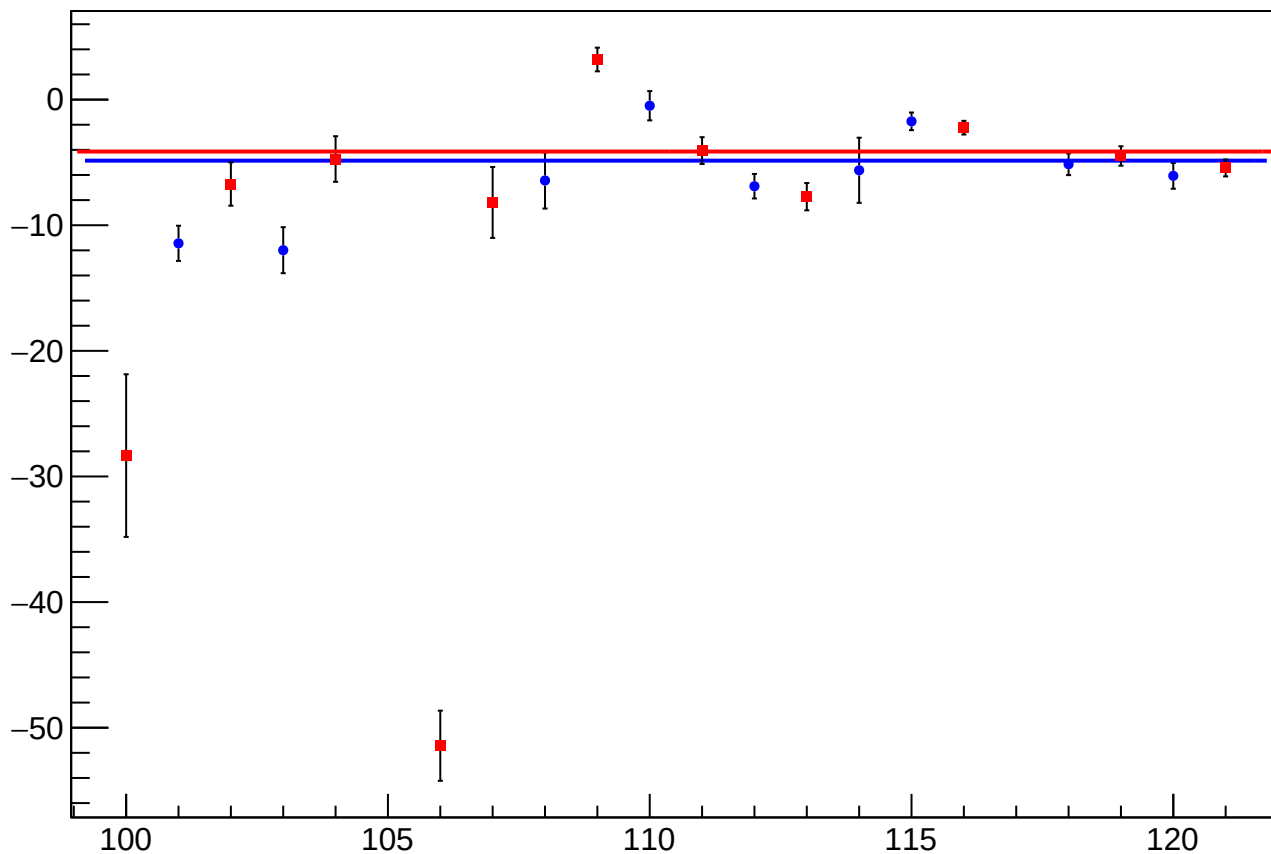
Right: -0.570+/-0.020 χ^2/NDF : 491.9/19

In: -0.579+/-0.030 χ^2/NDF : 170.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.570+/-0.020 χ^2/NDF : 491.9/19

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.859+/-0.371 χ^2/NDF : 77.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.133+/-0.301 χ^2/NDF : 393.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

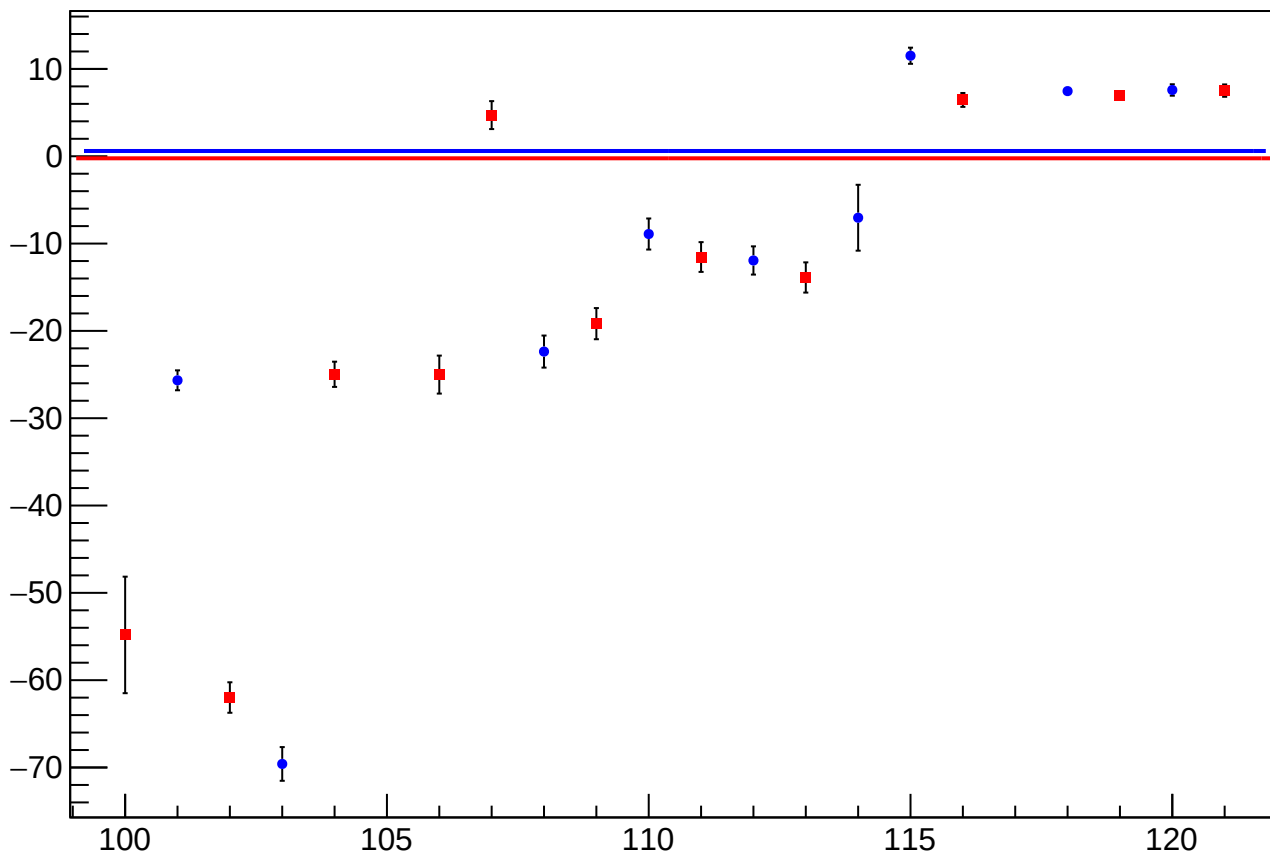
Right: -4.421+/-0.234 χ^2/NDF : 473.0/19

In: -4.859+/-0.371 χ^2/NDF : 77.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.421+/-0.234 χ^2/NDF : 473.0/19

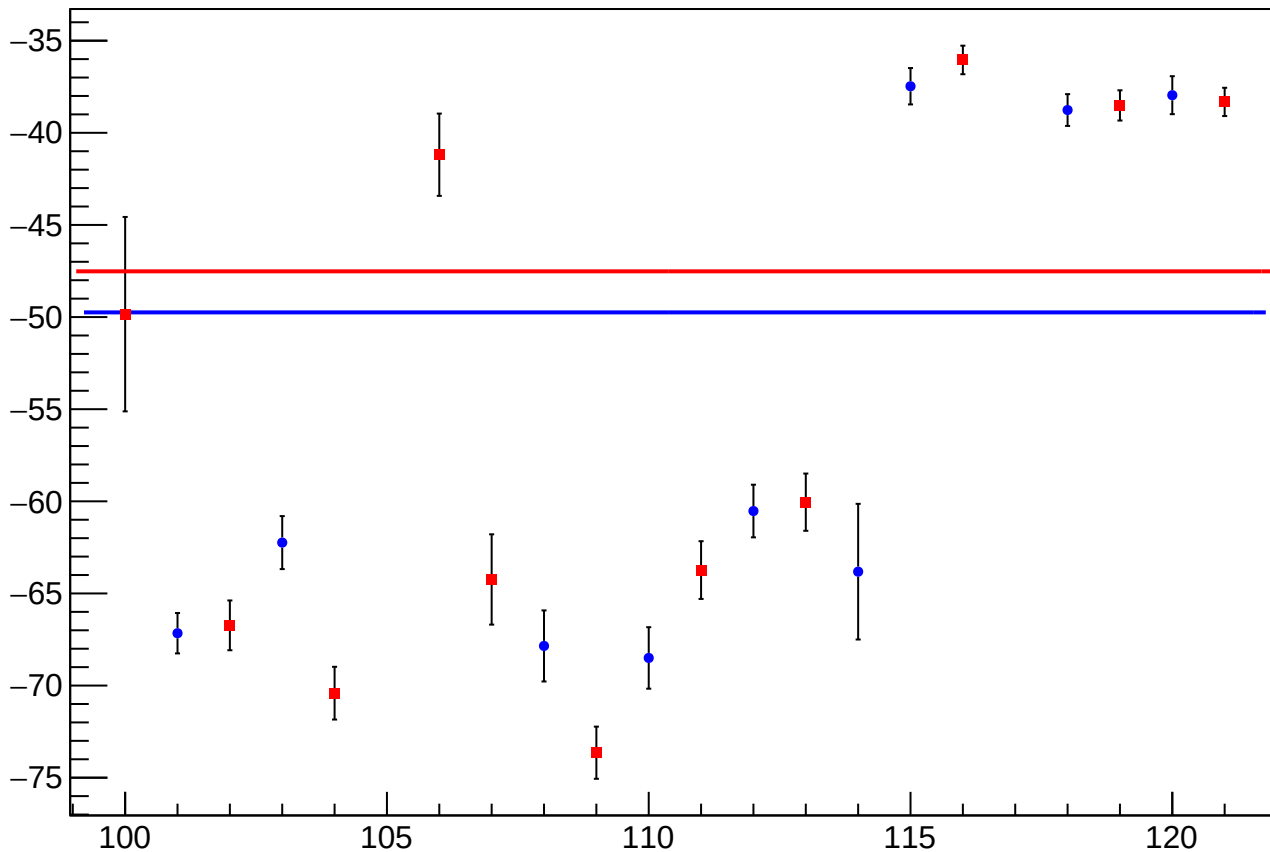
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.603+/-0.328 χ^2/NDF : 2526.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.236+/-0.325 χ^2/NDF : 2341.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.179+/-0.231 χ^2/NDF : 4871.6/19
 In: 0.603+/-0.328 χ^2/NDF : 2526.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.179+/-0.231 χ^2/NDF : 4871.6/19

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.746+/-0.415 χ^2/NDF : 1061.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -47.517+/-0.362 χ^2/NDF : 1509.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

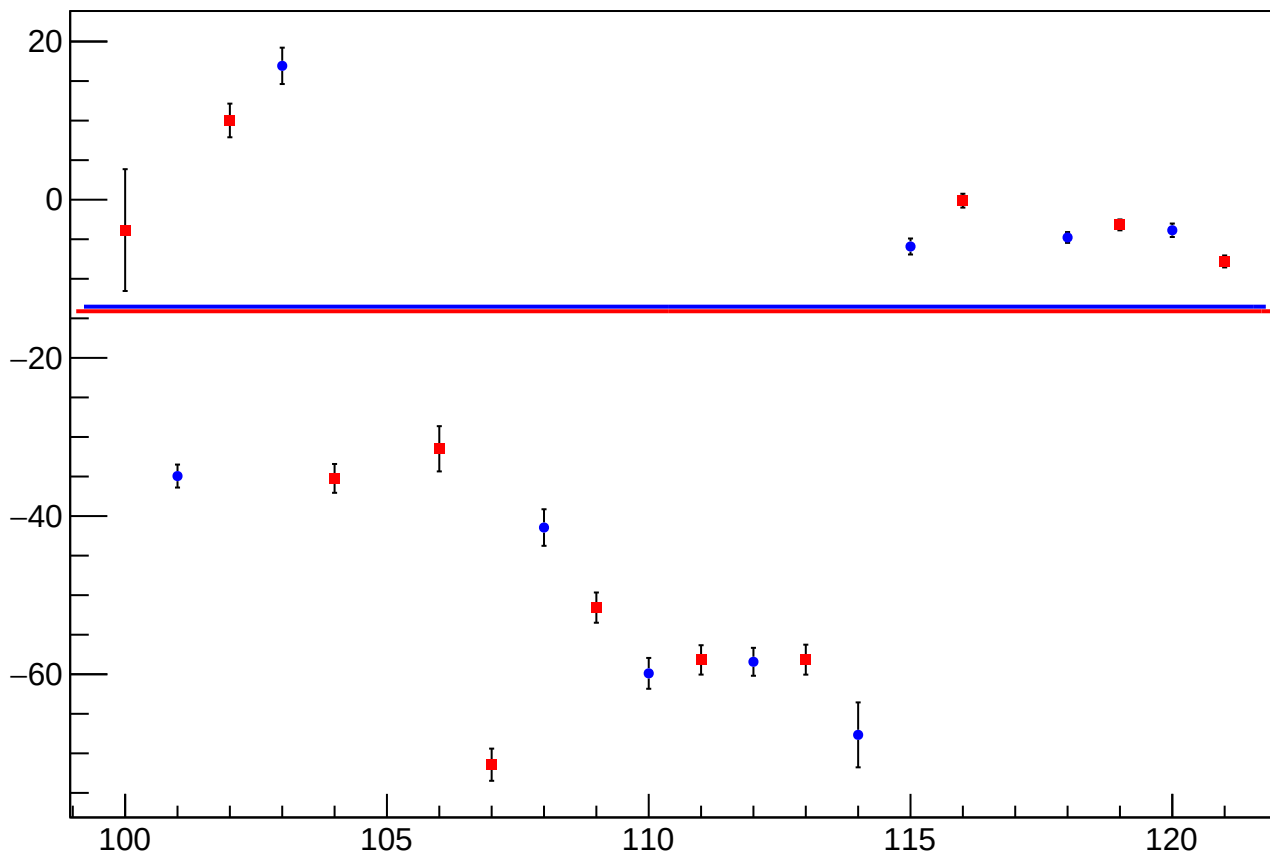
Right: -48.483+/-0.273 χ^2/NDF : 2586.8/19

In: -49.746+/-0.415 χ^2/NDF :1061.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -48.483+/-0.273 χ^2/NDF : 2586.8/19

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.525+/-0.409 χ^2/NDF : 2272.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.105+/-0.381 χ^2/NDF : 3158.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

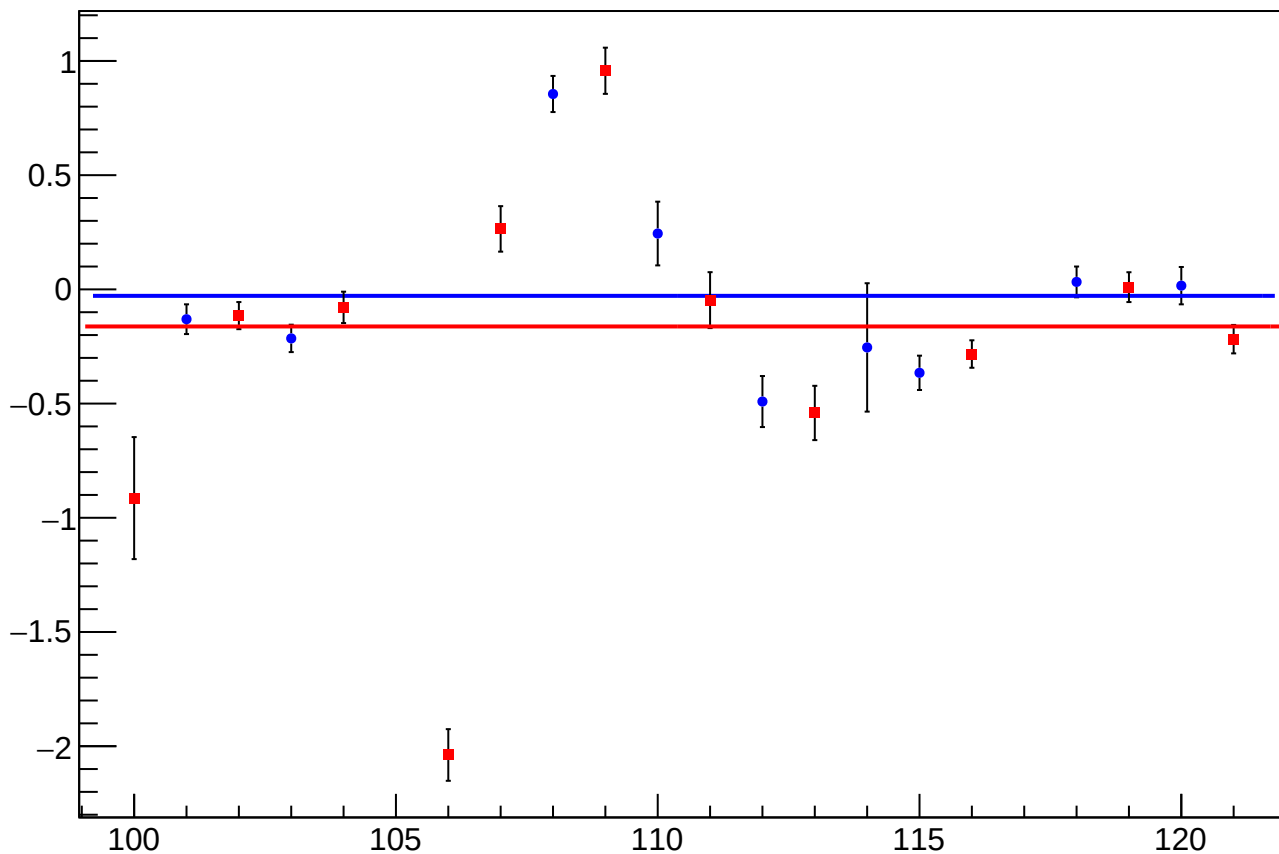
Right: -13.835+/-0.279 χ^2/NDF : 5432.3/19

In: -13.525+/-0.409 χ^2/NDF : 2272.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.835+/-0.279 χ^2/NDF : 5432.3/19

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.028+/-0.027 χ^2/NDF : 179.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.162+/-0.024 χ^2/NDF : 449.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

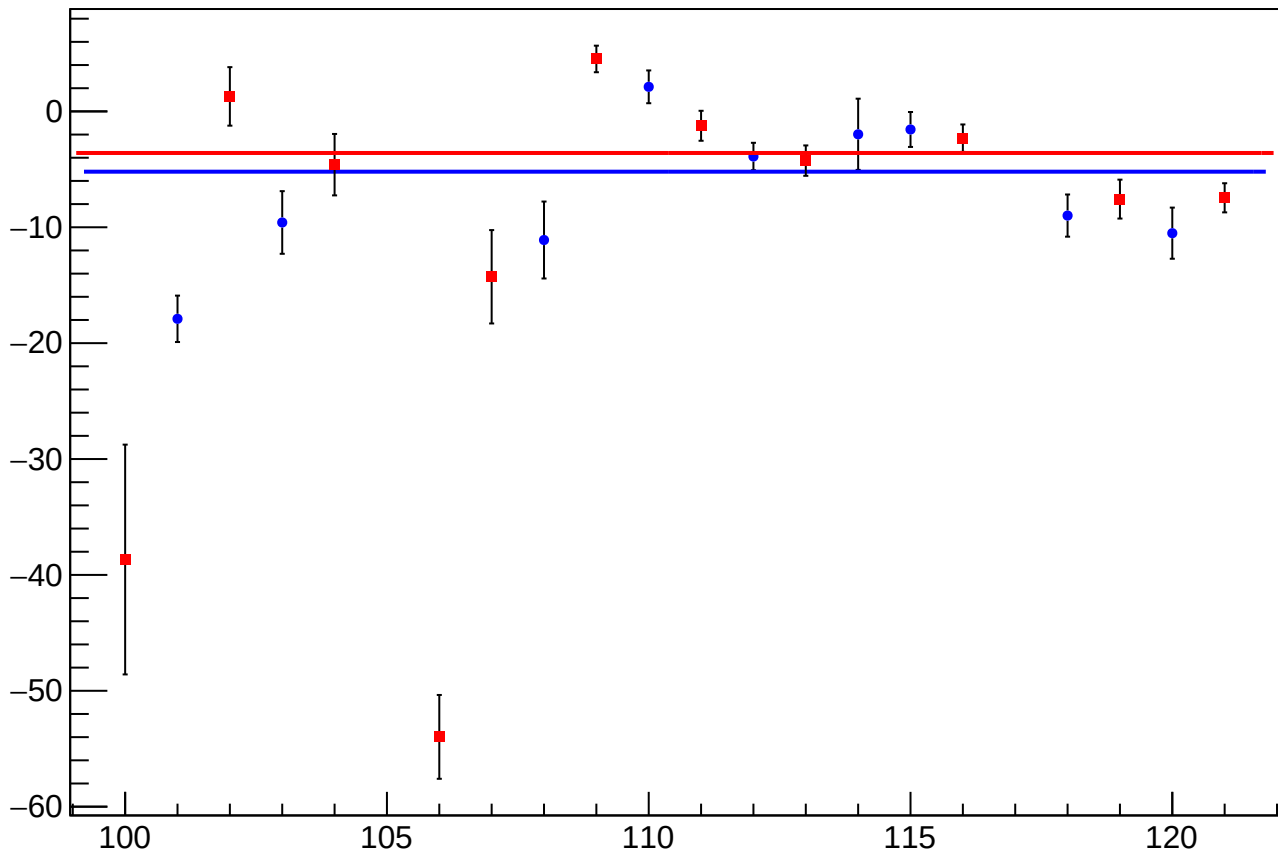
Right: -0.103+/-0.018 χ^2/NDF : 642.5/19

In: -0.028+/-0.027 χ^2/NDF : 179.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.103+/-0.018 χ^2/NDF : 642.5/19

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.203+/-0.604 χ^2/NDF : 91.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.589+/-0.495 χ^2/NDF : 287.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

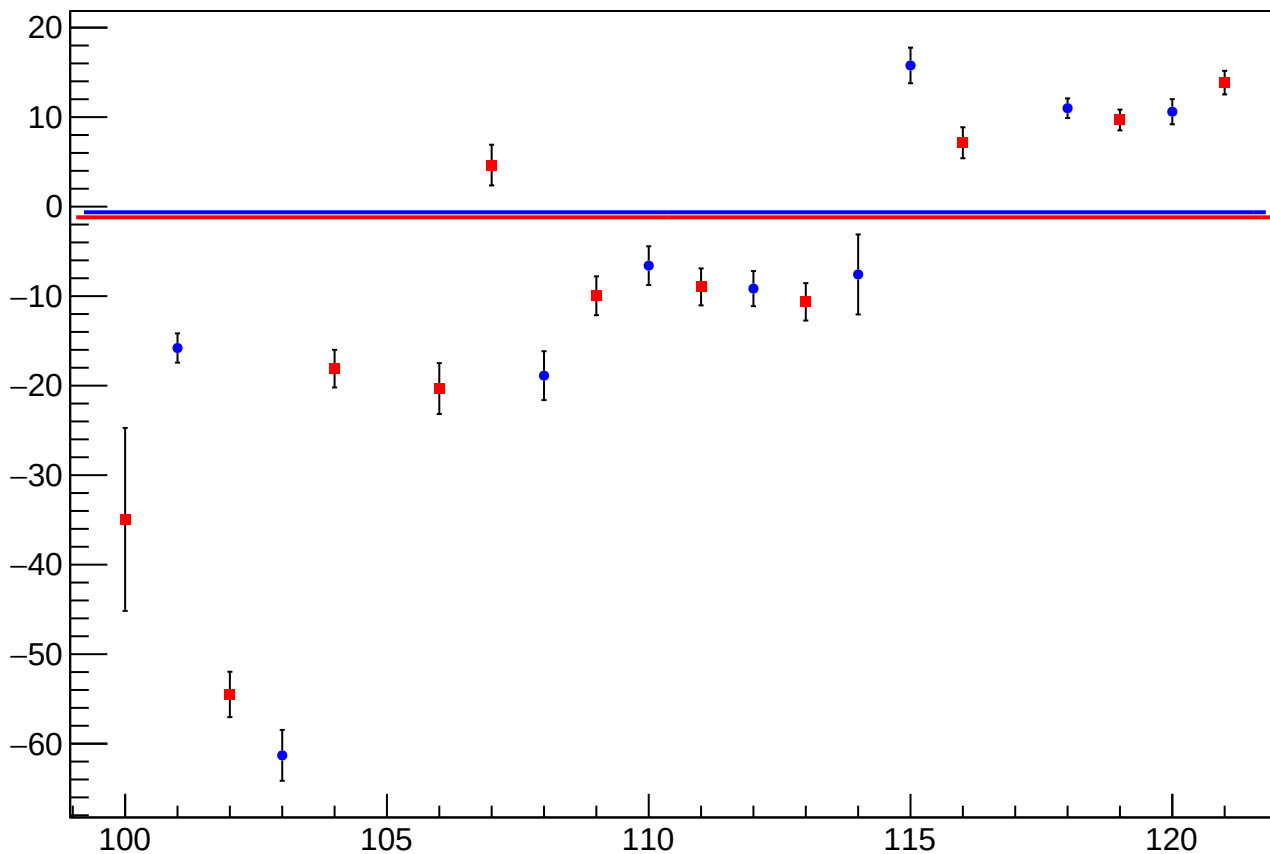
Right: -4.237+/-0.383 χ^2/NDF : 382.7/19

In: -5.203+/-0.604 χ^2/NDF : 91.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.237+/-0.383 χ^2/NDF : 382.7/19

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.632 ± 0.604 χ^2/NDF : 860.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.194 ± 0.574 χ^2/NDF : 861.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

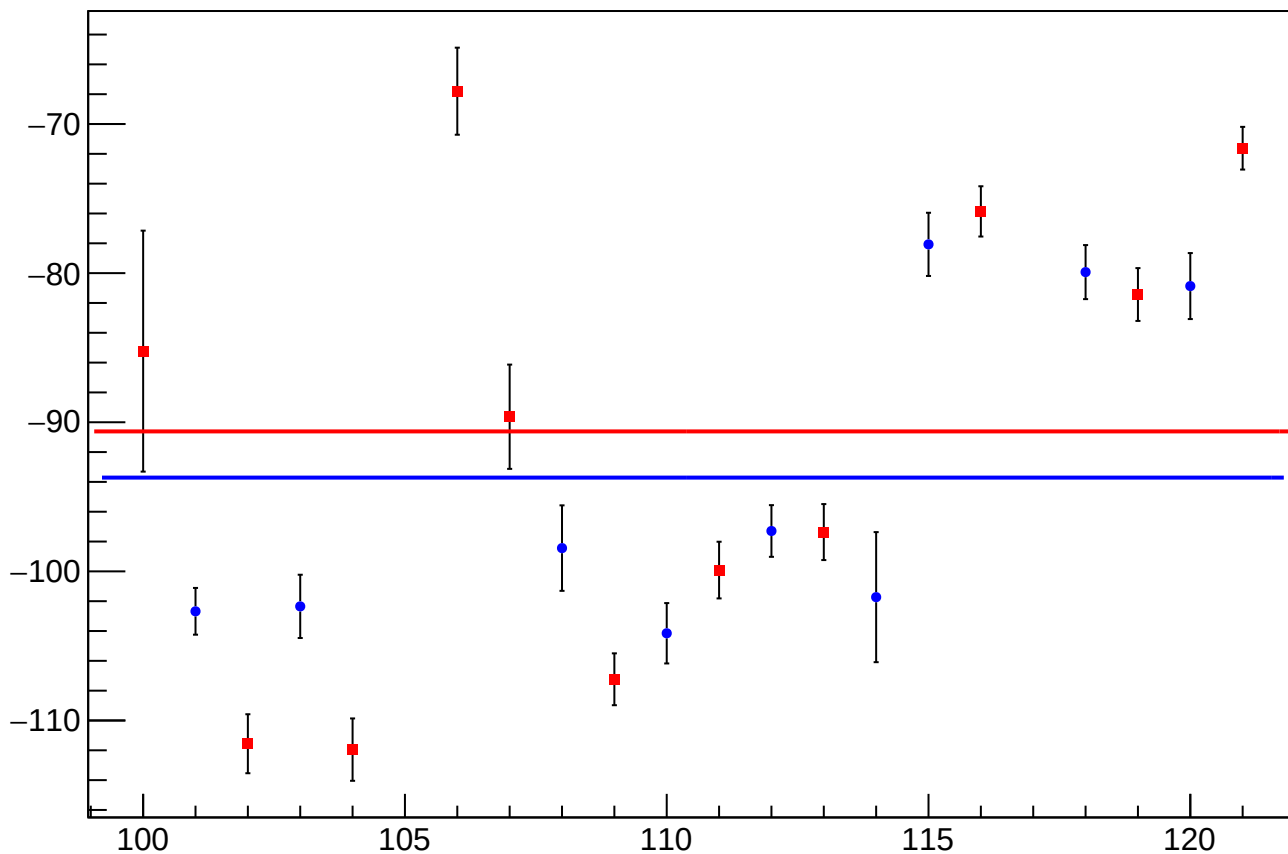
Right: -0.927 ± 0.416 χ^2/NDF : 1721.7/19

In: -0.632 ± 0.604 χ^2/NDF : 860.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.927 ± 0.416 χ^2/NDF : 1721.7/19

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.712 $\pm$ 0.688 χ^2 /NDF: 232.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -90.614 $\pm$ 0.603 χ^2 /NDF: 685.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

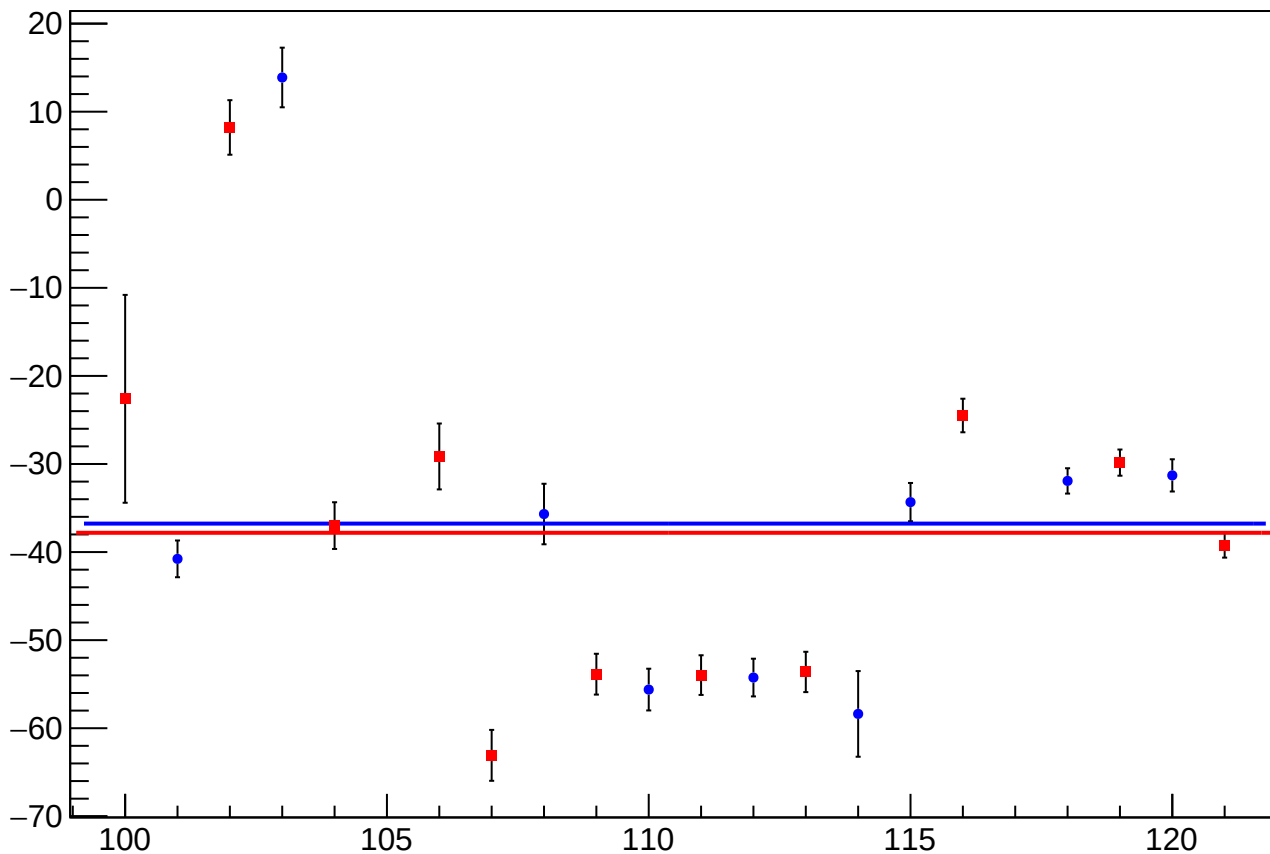
Right: -91.960 $\pm$ 0.454 χ^2 /NDF: 929.2/19

In: -93.712 $\pm$ 0.688 χ^2 /NDF:232.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.960 $\pm$ 0.454 χ^2 /NDF: 929.2/19

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.768 $\pm$ 0.738 χ^2 /NDF: 398.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.812 $\pm$ 0.667 χ^2 /NDF: 530.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

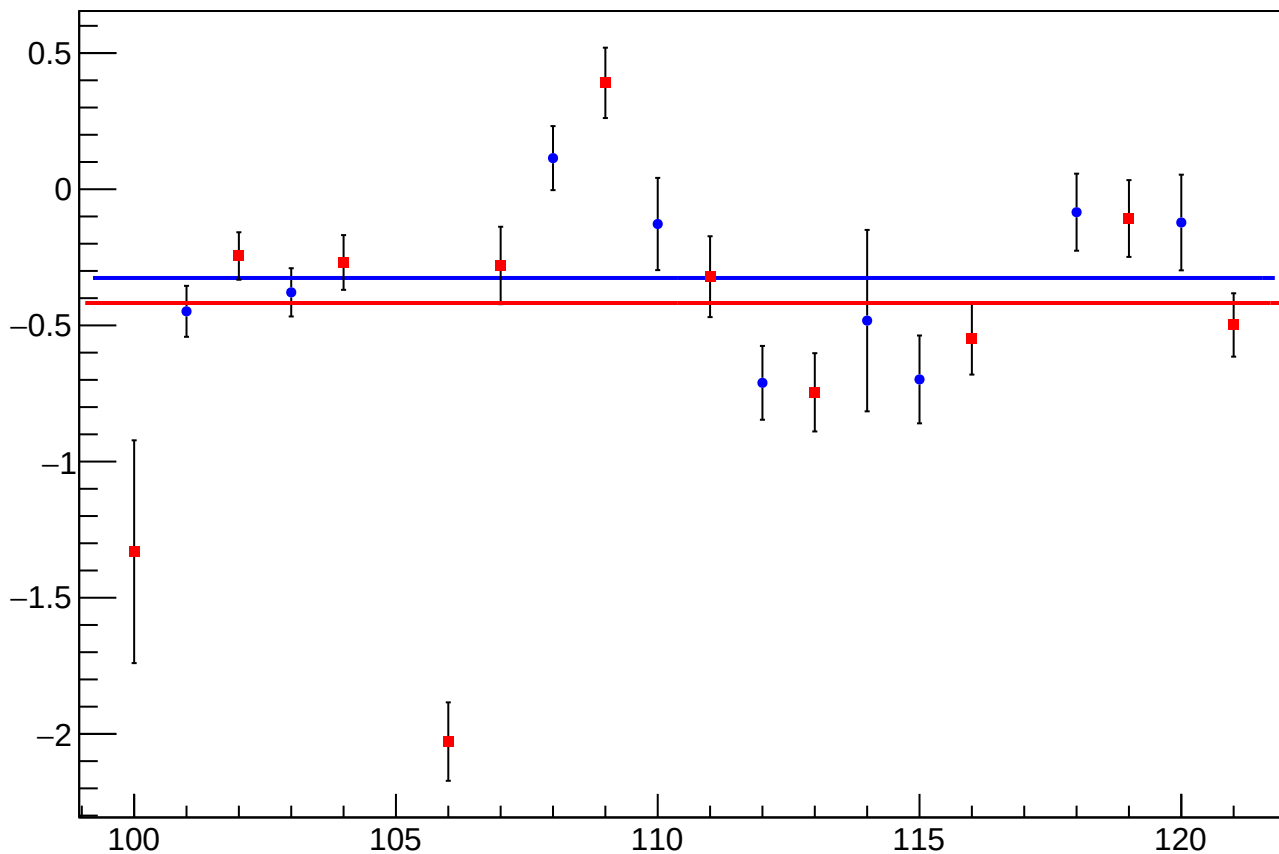
Right: -37.343 $\pm$ 0.495 χ^2 /NDF: 930.1/19

In: -36.768 $\pm$ 0.738 χ^2 /NDF:398.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.343 $\pm$ 0.495 χ^2 /NDF: 930.1/19

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.043 χ^2/NDF : 35.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.418 ± 0.039 χ^2/NDF : 188.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

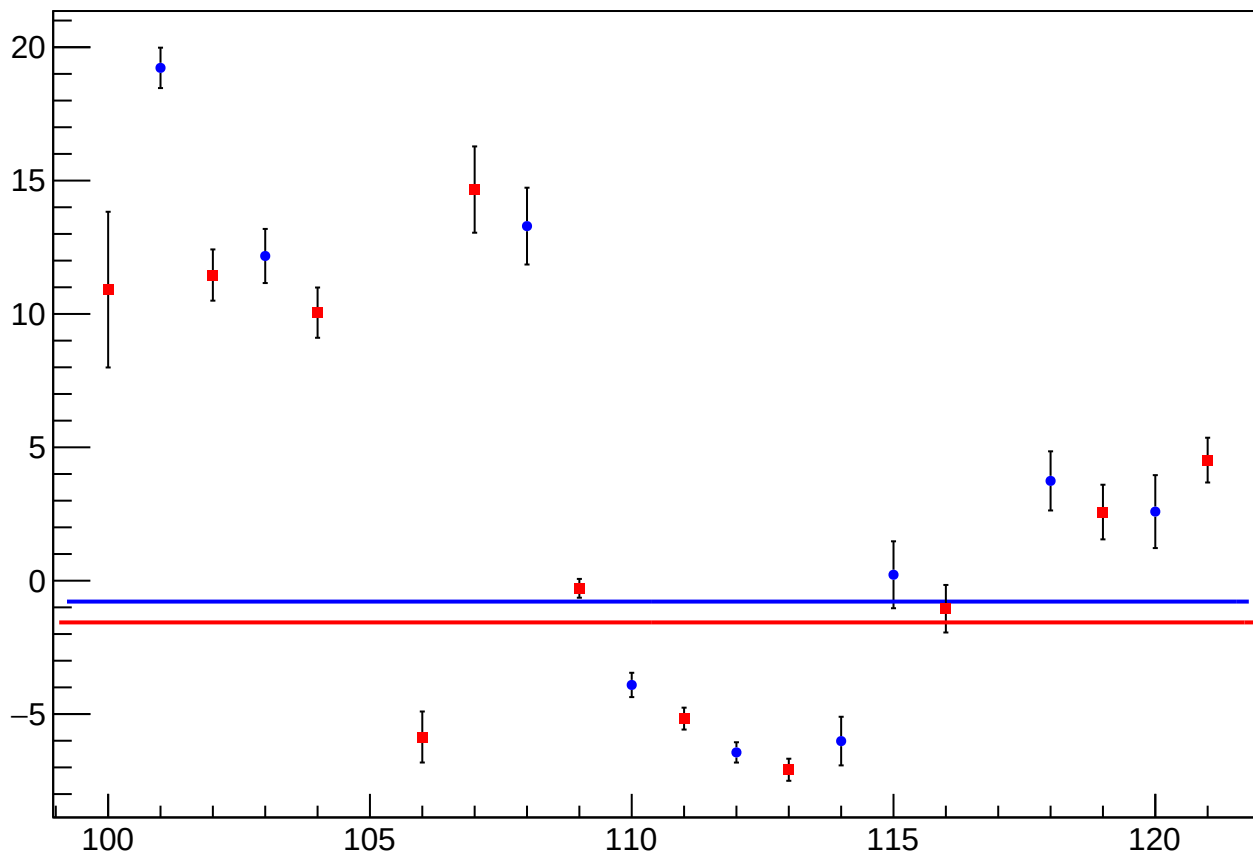
Right: -0.377 ± 0.029 χ^2/NDF : 226.1/19

In: -0.326 ± 0.043 χ^2/NDF : 35.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.377 ± 0.029 χ^2/NDF : 226.1/19

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.783 ± 0.235 χ^2/NDF : 1280.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.564 ± 0.192 χ^2/NDF : 812.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

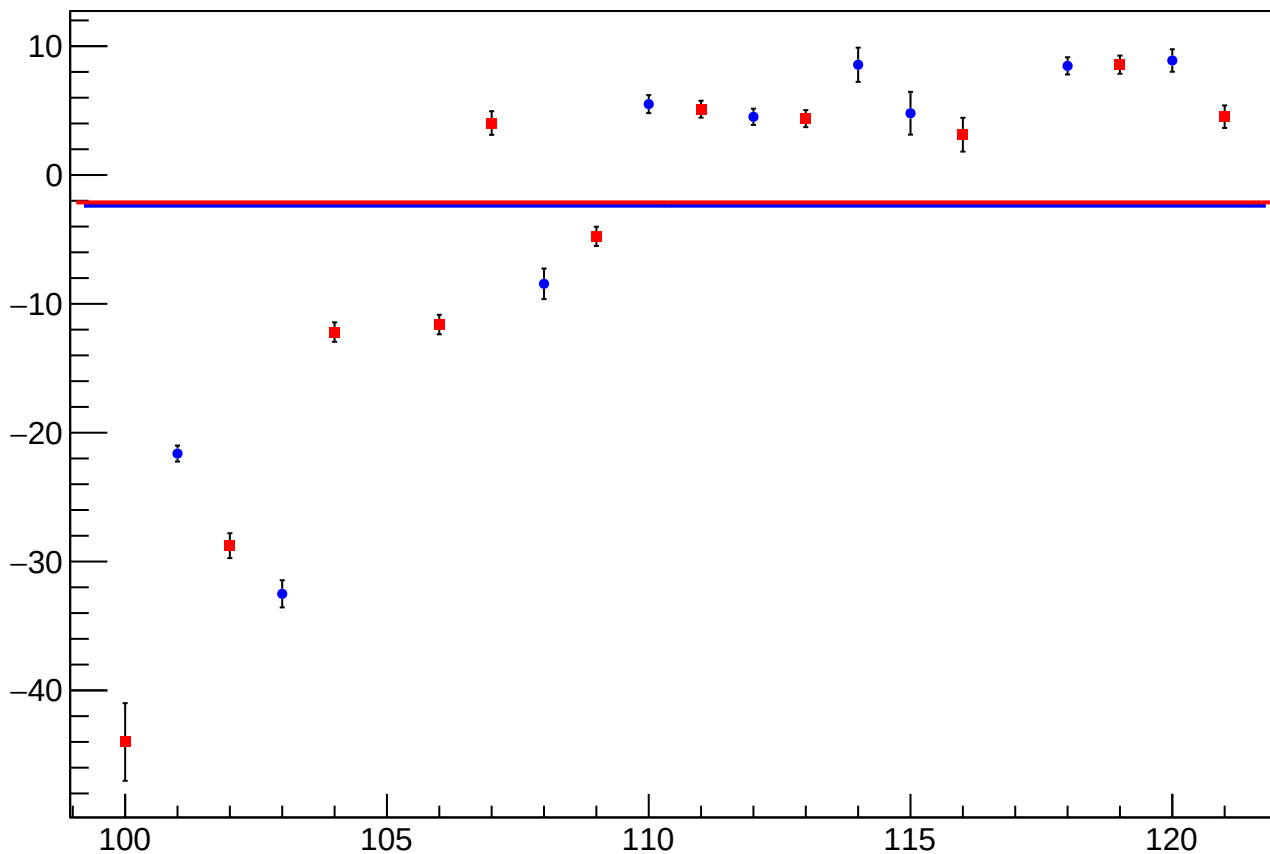
Right: -1.253 ± 0.148 χ^2/NDF : 2099.9/19

In: -0.783 ± 0.235 χ^2/NDF : 1280.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.253 ± 0.148 χ^2/NDF : 2099.9/19

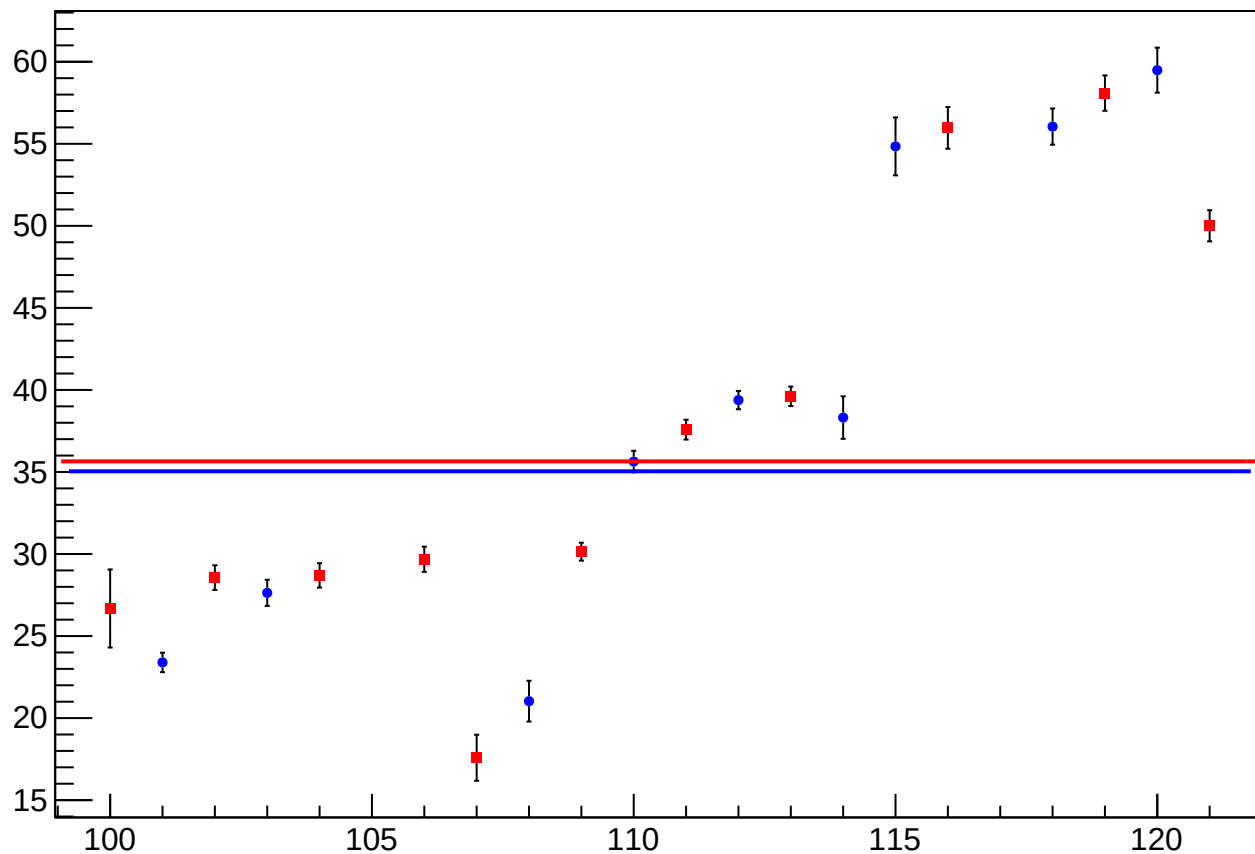
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.380+/-0.275 χ^2 /NDF: 2566.7/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -2.125+/-0.249 χ^2 /NDF: 1870.4/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -2.240+/-0.184 χ^2 /NDF: 4437.6/19
 In: -2.380+/-0.275 χ^2 /NDF:2566.7/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -2.240+/-0.184 χ^2 /NDF: 4437.6/19

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.041+/-0.278 χ^2/NDF : 1473.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.646+/-0.239 χ^2/NDF : 1489.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

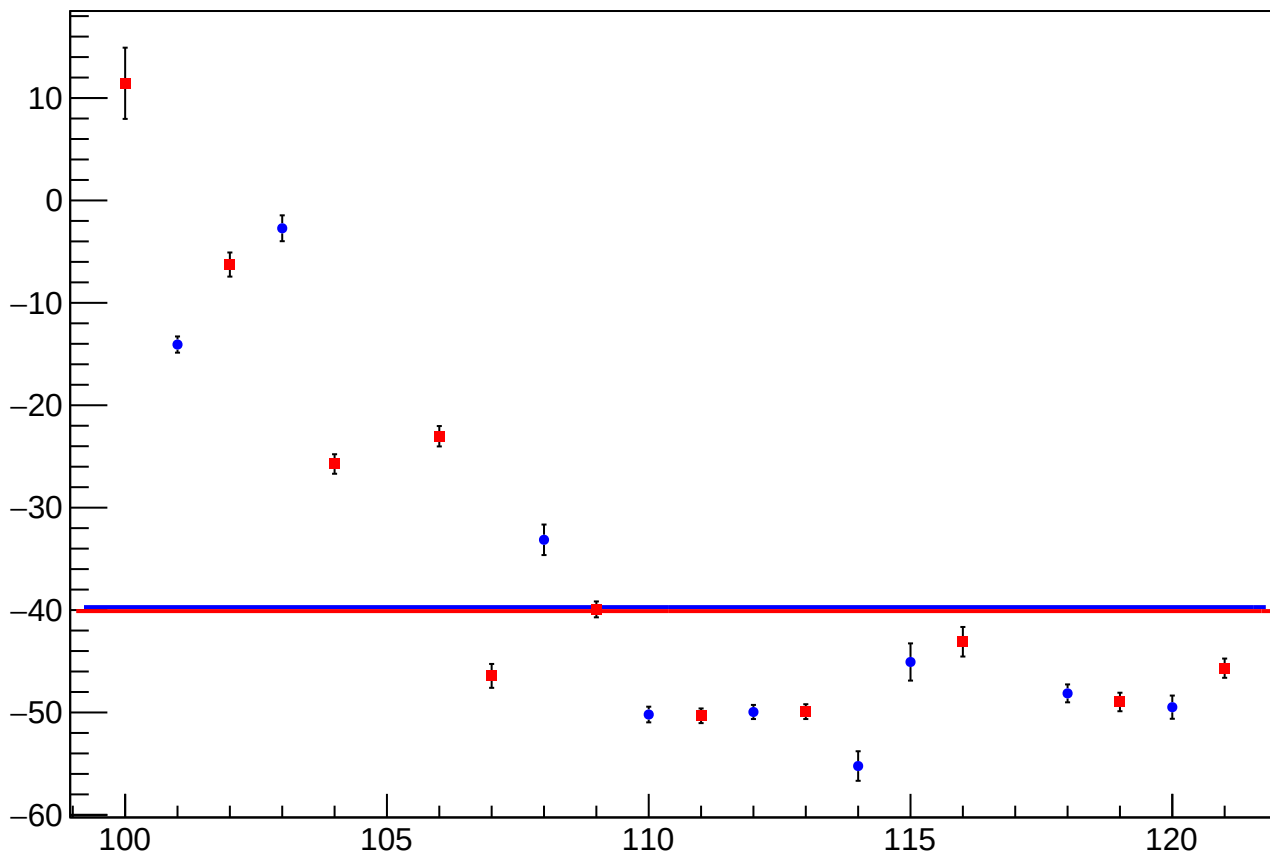
Right: 35.389+/-0.181 χ^2/NDF : 2966.1/19

In: 35.041+/-0.278 χ^2/NDF : 1473.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.389+/-0.181 χ^2/NDF : 2966.1/19

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.712 $\pm$ 0.327 χ^2 /NDF: 2627.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.101 $\pm$ 0.289 χ^2 /NDF: 2120.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

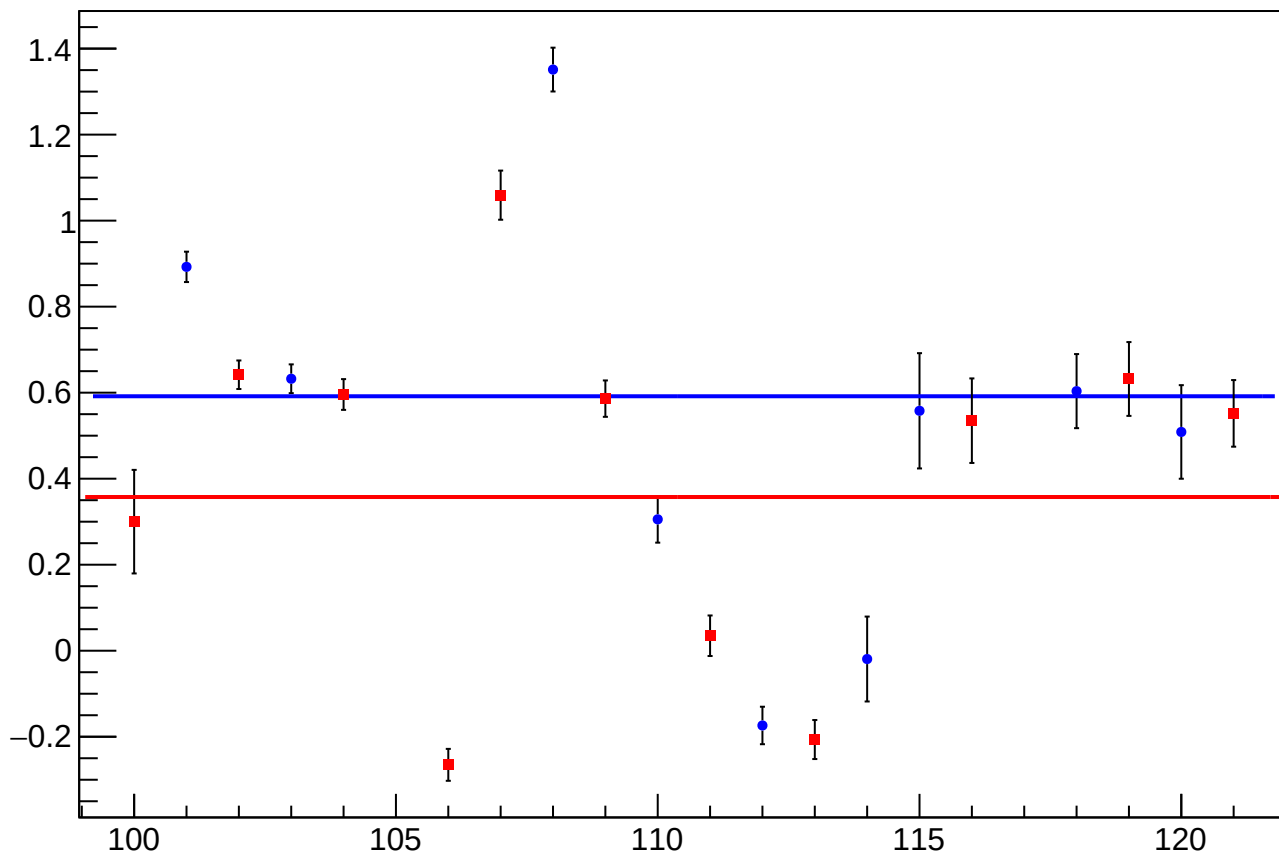
Right: -39.931 $\pm$ 0.216 χ^2 /NDF: 4749.1/19

In: -39.712 $\pm$ 0.327 χ^2 /NDF:2627.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.931 $\pm$ 0.216 χ^2 /NDF: 4749.1/19

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.592 $\pm$ 0.017 χ^2 /NDF: 671.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.357 $\pm$ 0.015 χ^2 /NDF: 801.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

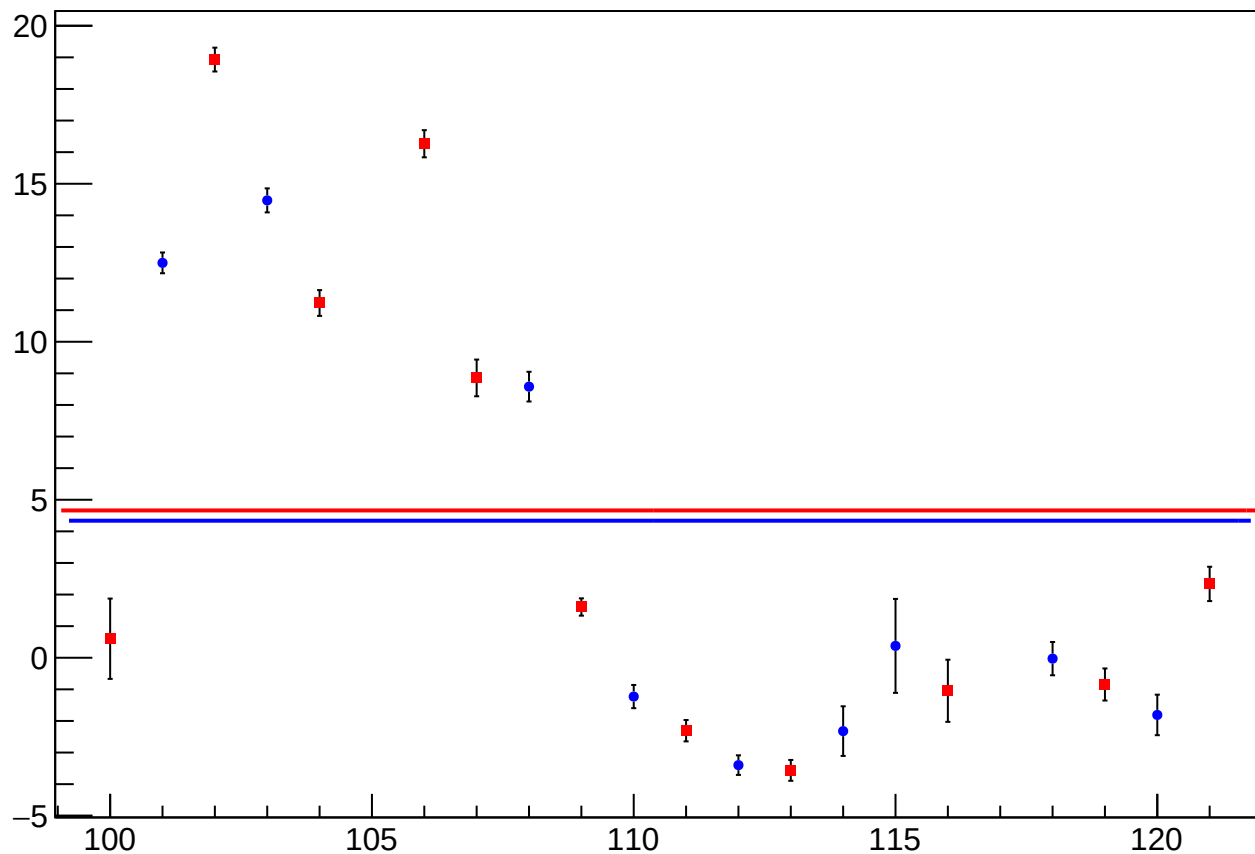
Right: 0.455 $\pm$ 0.011 χ^2 /NDF: 1579.6/19

In: 0.592 $\pm$ 0.017 χ^2 /NDF:671.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.455 $\pm$ 0.011 χ^2 /NDF: 1579.6/19

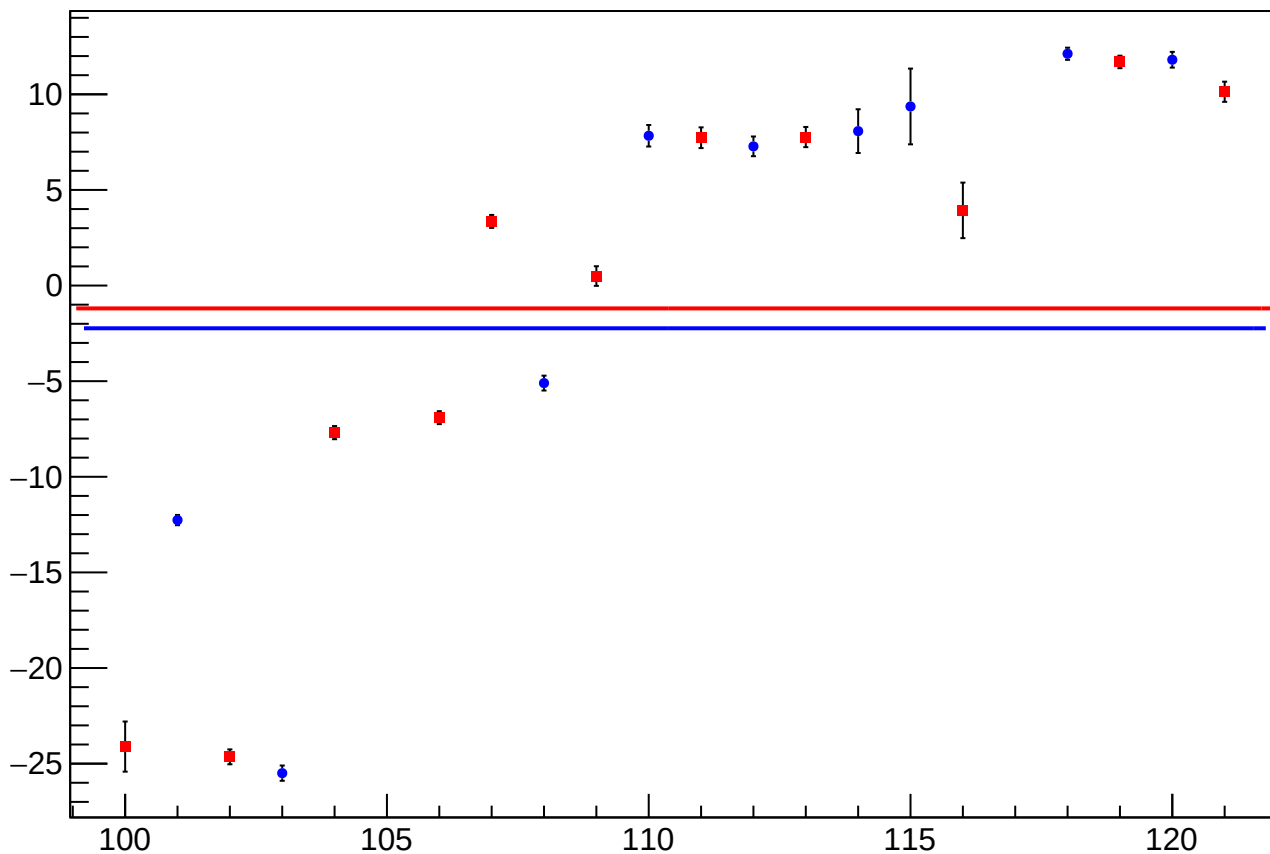
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.338+/-0.146 χ^2/NDF : 2500.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 4.661+/-0.127 χ^2/NDF : 3822.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 4.522+/-0.096 χ^2/NDF : 6325.8/19
 In: 4.338+/-0.146 χ^2/NDF : 2500.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.522+/-0.096 χ^2/NDF : 6325.8/19

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.235+/-0.141 χ^2/NDF : 8824.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.195+/-0.132 χ^2/NDF : 7353.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

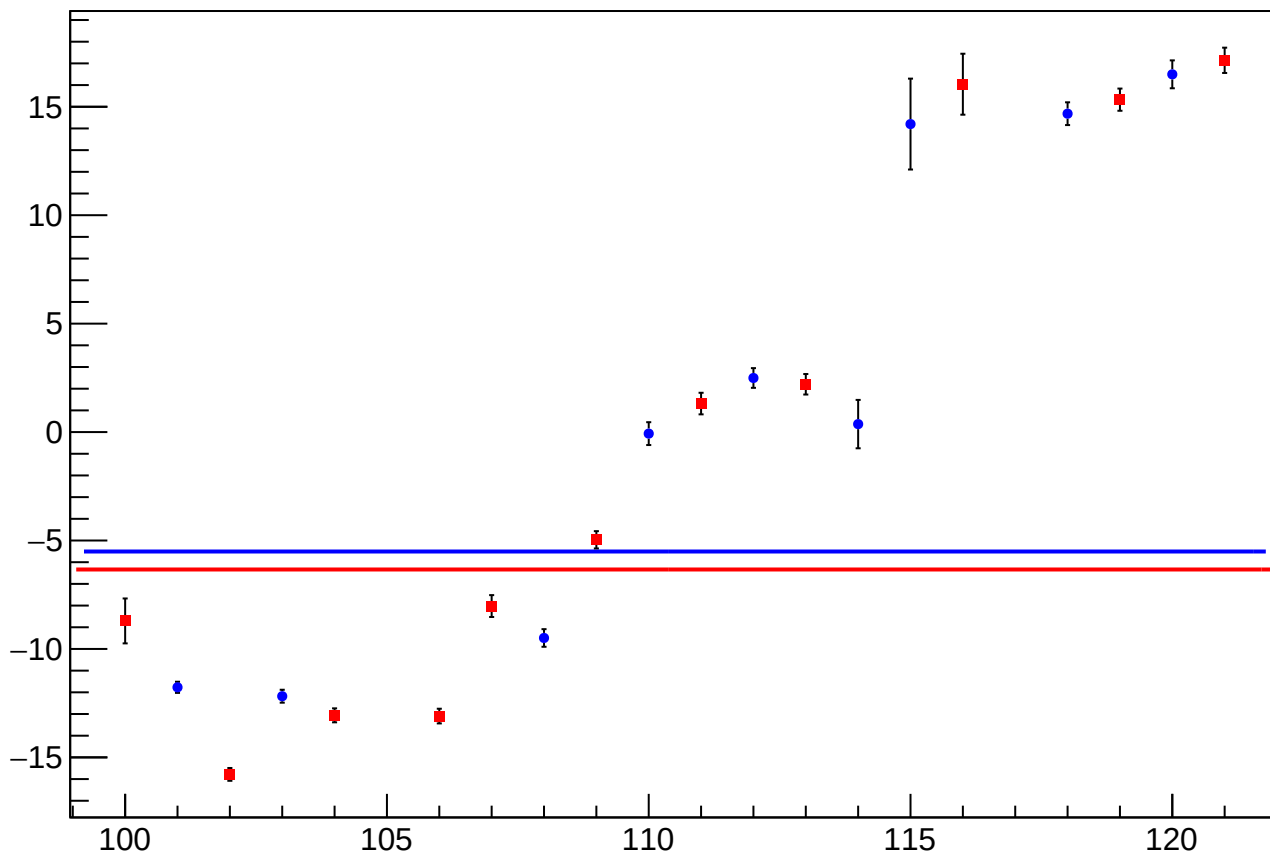
Right: -1.682+/-0.096 χ^2/NDF : 16207.2/19

In: -2.235+/-0.141 χ^2/NDF :8824.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.682+/-0.096 χ^2/NDF : 16207.2/19

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.507+/-0.144 χ^2/NDF : 4375.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.336+/-0.133 χ^2/NDF : 6114.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

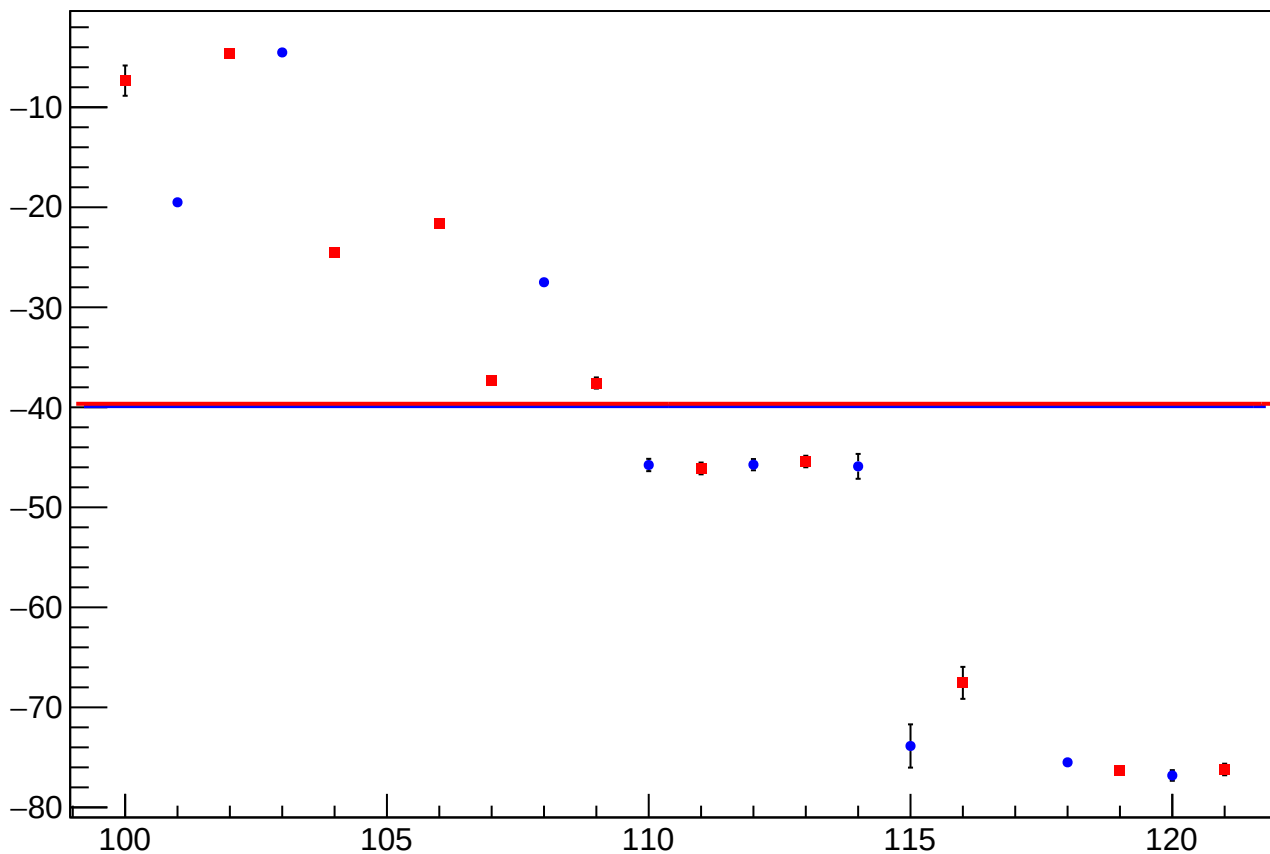
Right: -5.956+/-0.098 χ^2/NDF : 10507.4/19

In: -5.507+/-0.144 χ^2/NDF :4375.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.956+/-0.098 χ^2/NDF : 10507.4/19

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.882 $\pm$ 0.174 χ^2 /NDF: 22333.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.646 $\pm$ 0.160 χ^2 /NDF: 21052.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

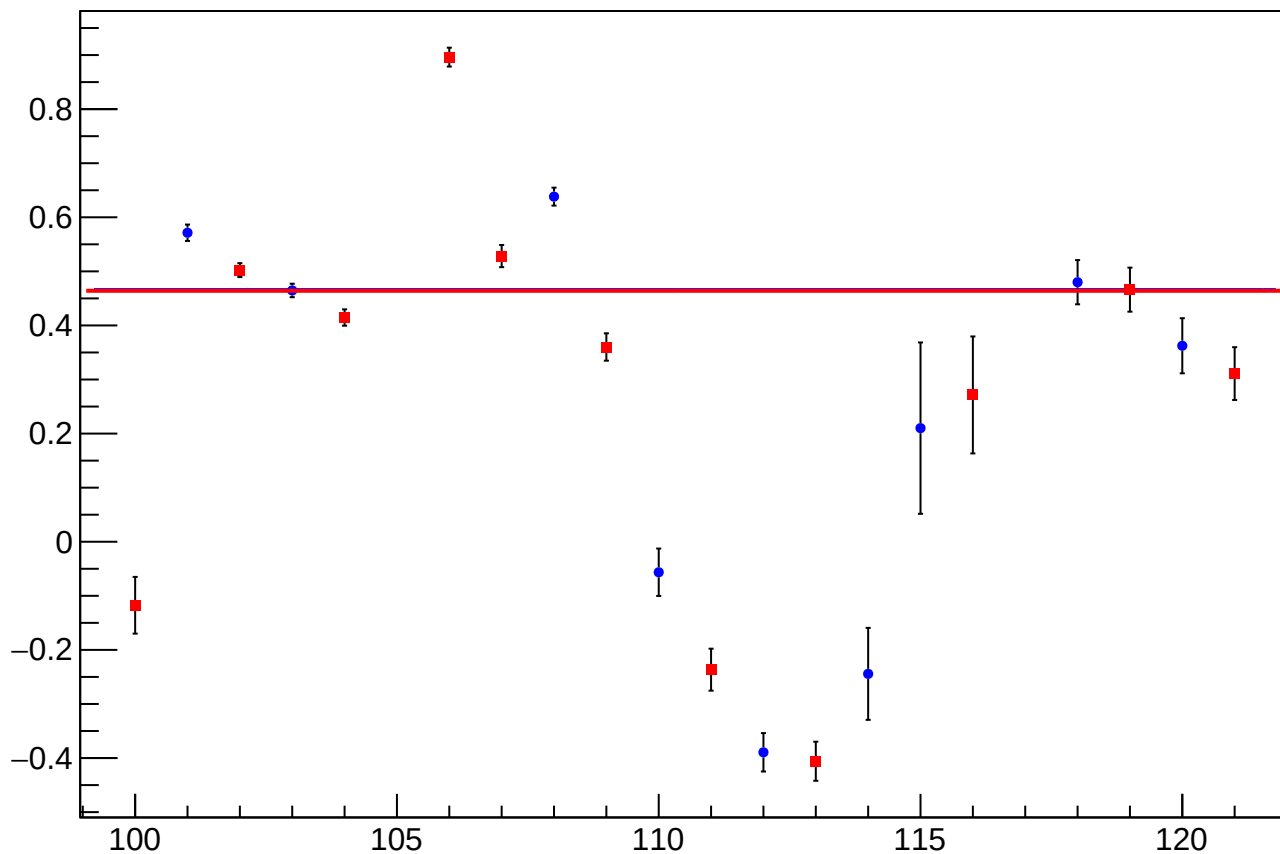
Right: -39.754 $\pm$ 0.118 χ^2 /NDF: 43386.6/19

In: -39.882 $\pm$ 0.174 χ^2 /NDF:22333.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.754 $\pm$ 0.118 χ^2 /NDF: 43386.6/19

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.465+/-0.008 χ^2/NDF : 955.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.464+/-0.007 χ^2/NDF : 1699.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

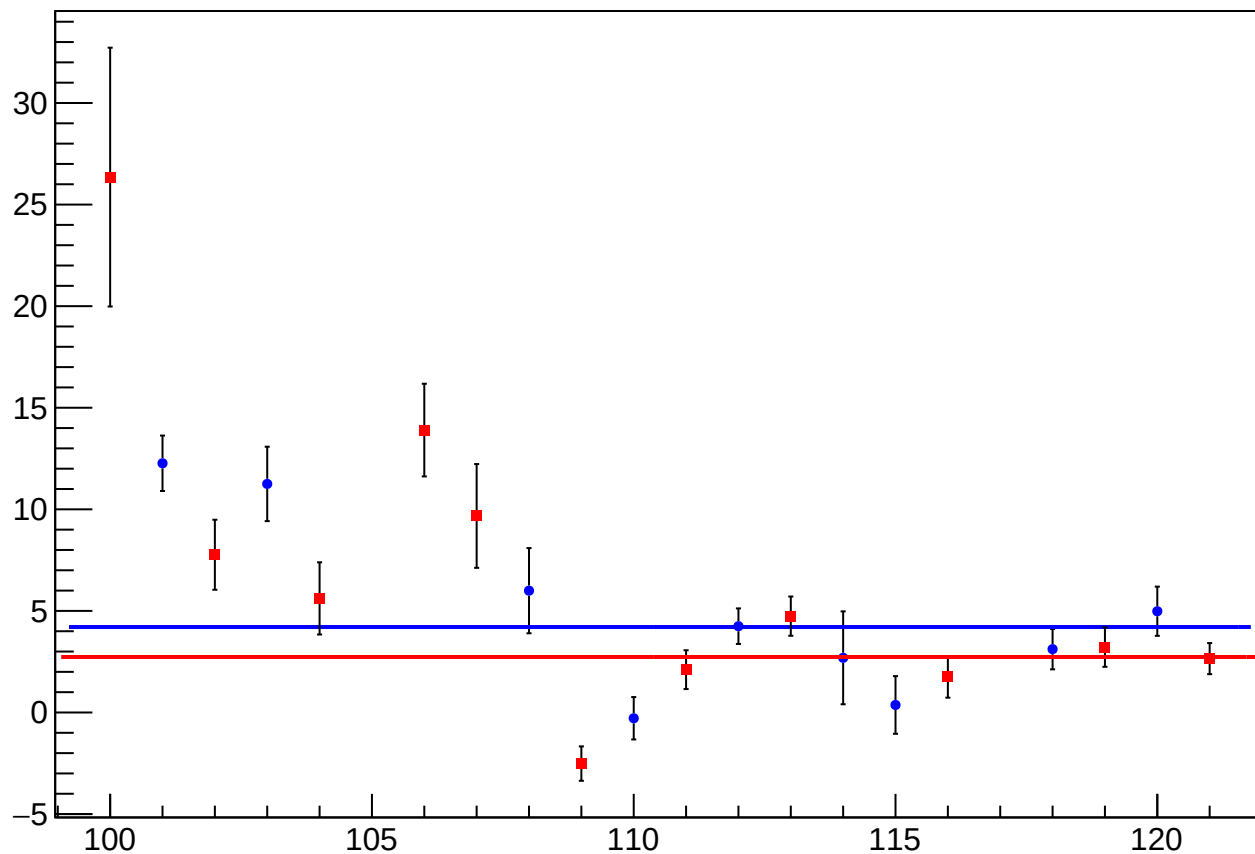
Right: 0.465+/-0.005 χ^2/NDF : 2654.5/19

In: 0.465+/-0.008 χ^2/NDF : 955.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.465+/-0.005 χ^2/NDF : 2654.5/19

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.207+/-0.420 χ^2/NDF : 78.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.732+/-0.347 χ^2/NDF : 100.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

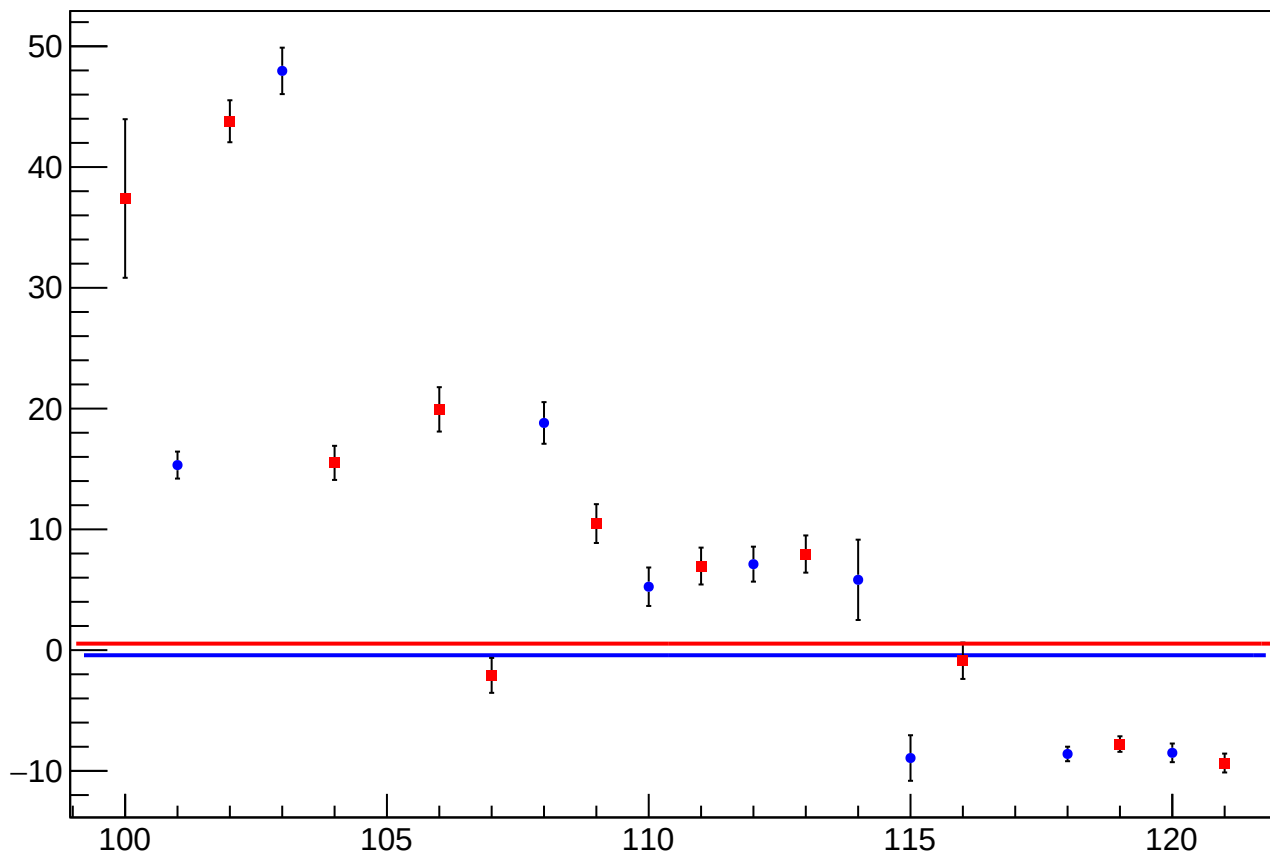
Right: 3.330+/-0.267 χ^2/NDF : 186.3/19

In: 4.207+/-0.420 χ^2/NDF : 78.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.330+/-0.267 χ^2/NDF : 186.3/19

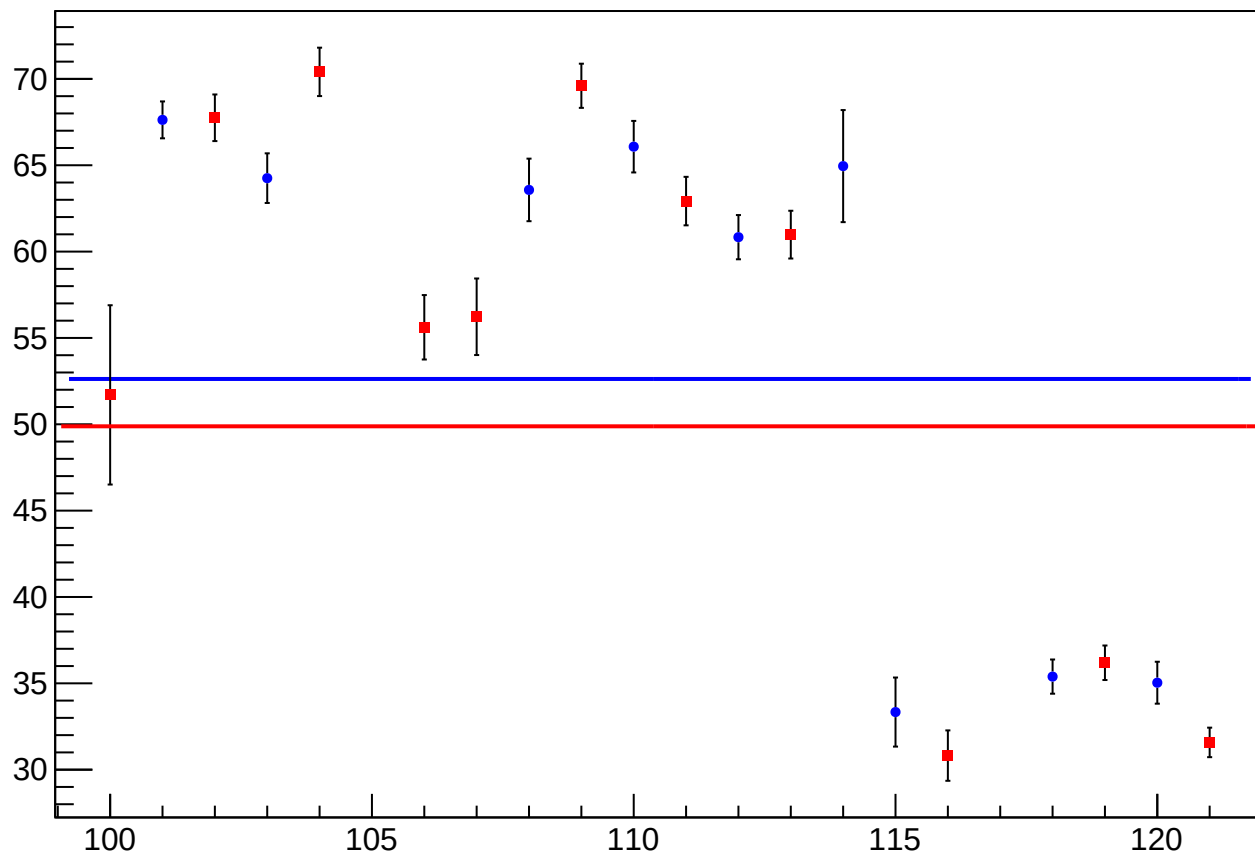
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.423 ± 0.375 χ^2/NDF : 1314.8/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.539 ± 0.369 χ^2/NDF : 1285.1/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: 0.067 ± 0.263 χ^2/NDF : 2603.2/19
 In: -0.423 ± 0.375 χ^2/NDF : 1314.8/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 0.067 ± 0.263 χ^2/NDF : 2603.2/19

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.625 $\pm$ 0.458 χ^2 /NDF: 1041.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.883 $\pm$ 0.406 χ^2 /NDF: 1613.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

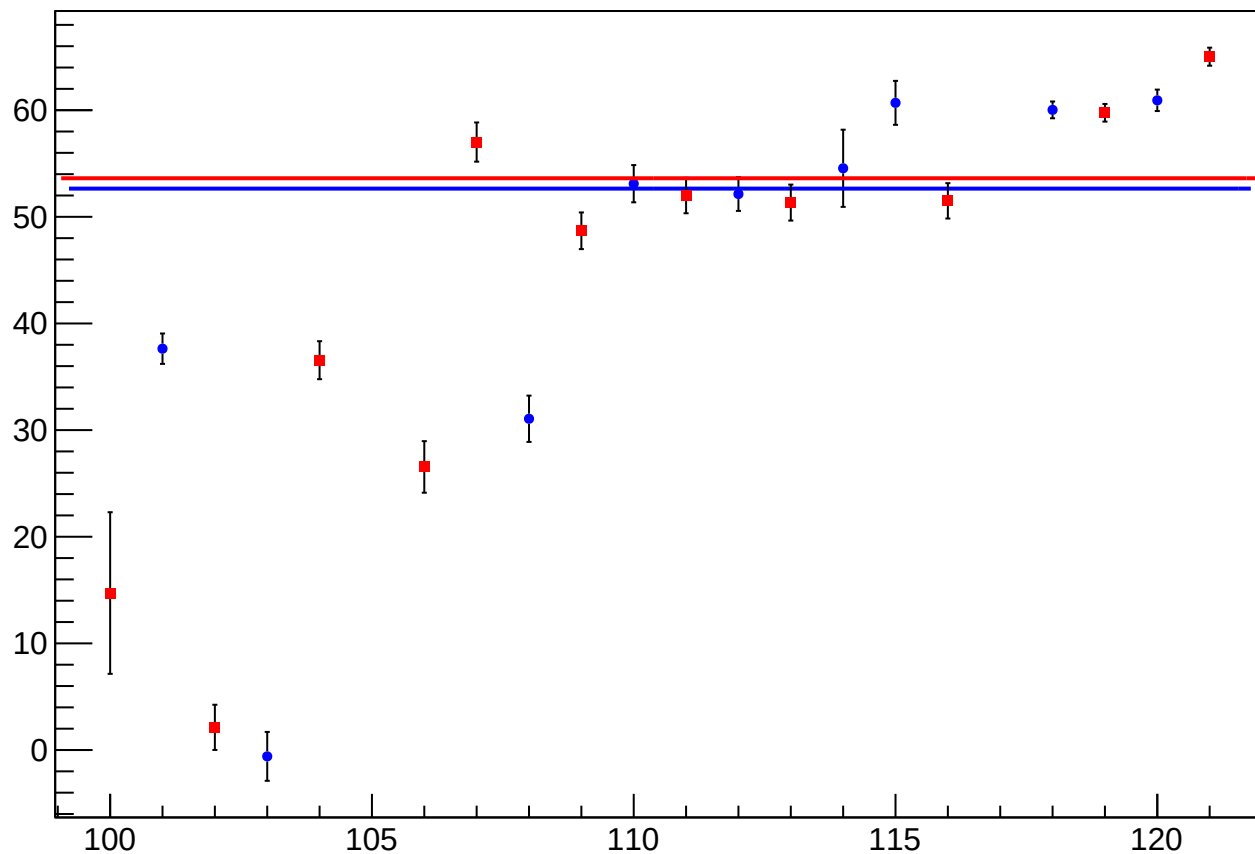
Right: 51.089 $\pm$ 0.304 χ^2 /NDF: 2675.5/19

In: 52.625 $\pm$ 0.458 χ^2 /NDF:1041.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.089 $\pm$ 0.304 χ^2 /NDF: 2675.5/19

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.646 $\pm$ 0.469 χ^2 /NDF: 921.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.616 $\pm$ 0.434 χ^2 /NDF: 1086.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

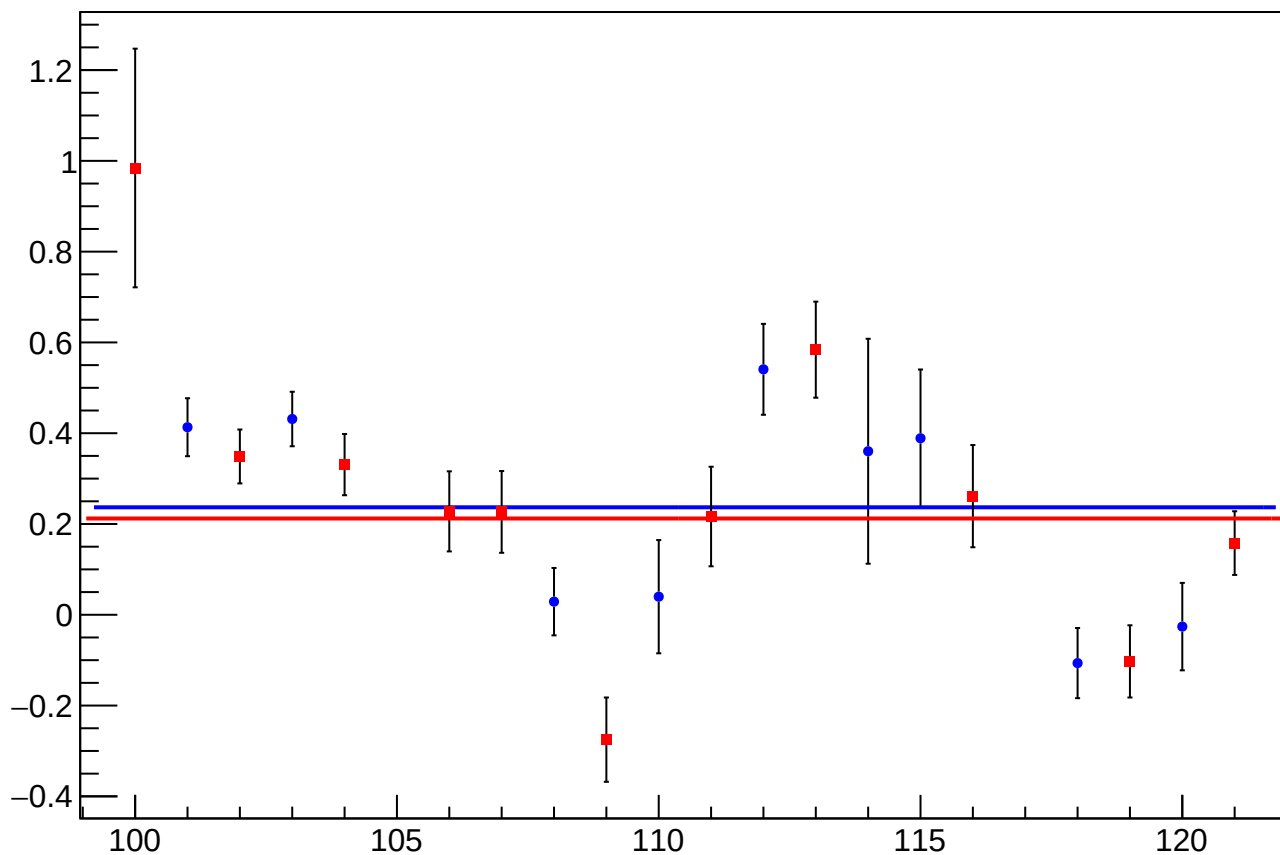
Right: 53.169 $\pm$ 0.319 χ^2 /NDF: 2010.4/19

In: 52.646 $\pm$ 0.469 χ^2 /NDF:921.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.169 $\pm$ 0.319 χ^2 /NDF: 2010.4/19

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.237+/-0.029 χ^2/NDF : 66.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.212+/-0.026 χ^2/NDF : 73.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

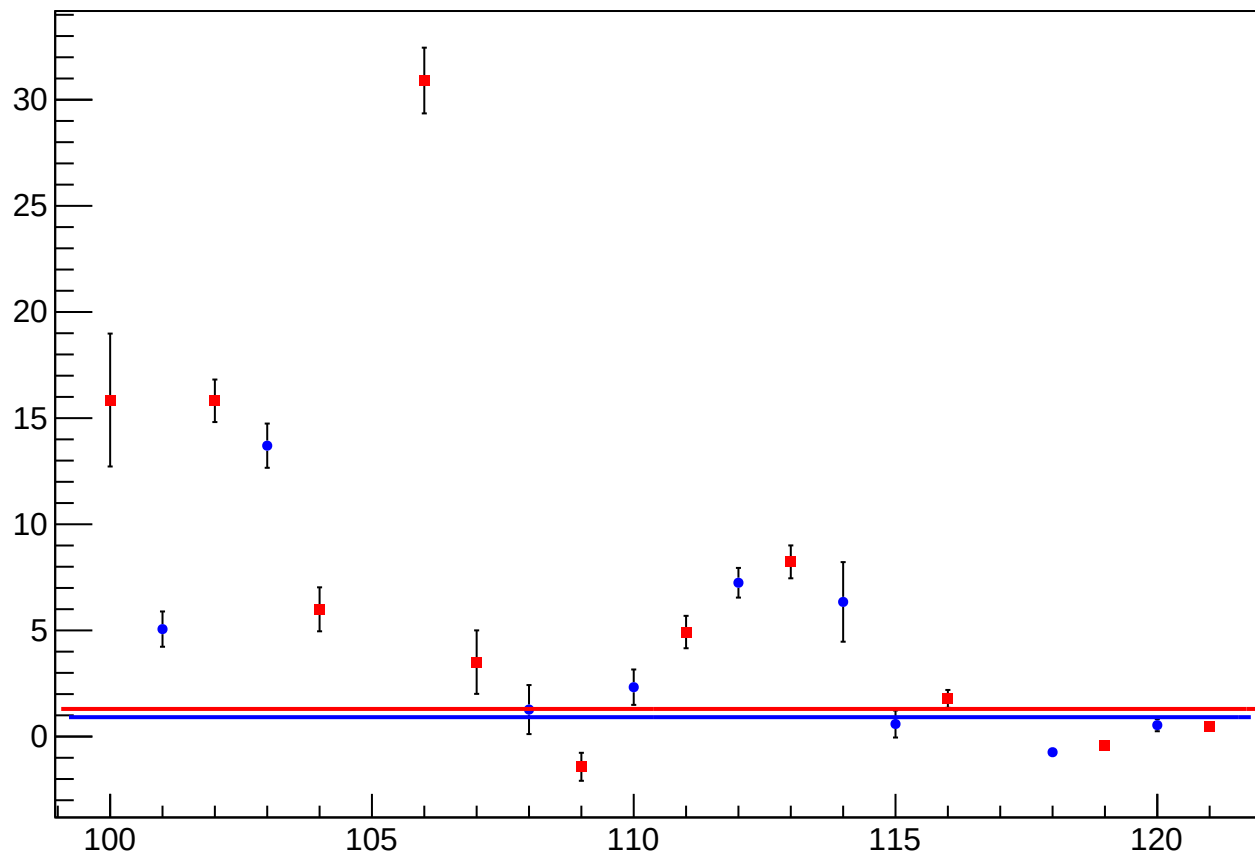
Right: 0.223+/-0.019 χ^2/NDF : 139.9/19

In: 0.237+/-0.029 χ^2/NDF : 66.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.223+/-0.019 χ^2/NDF : 139.9/19

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.913+/-0.160 χ^2/NDF : 319.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.301+/-0.140 χ^2/NDF : 809.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

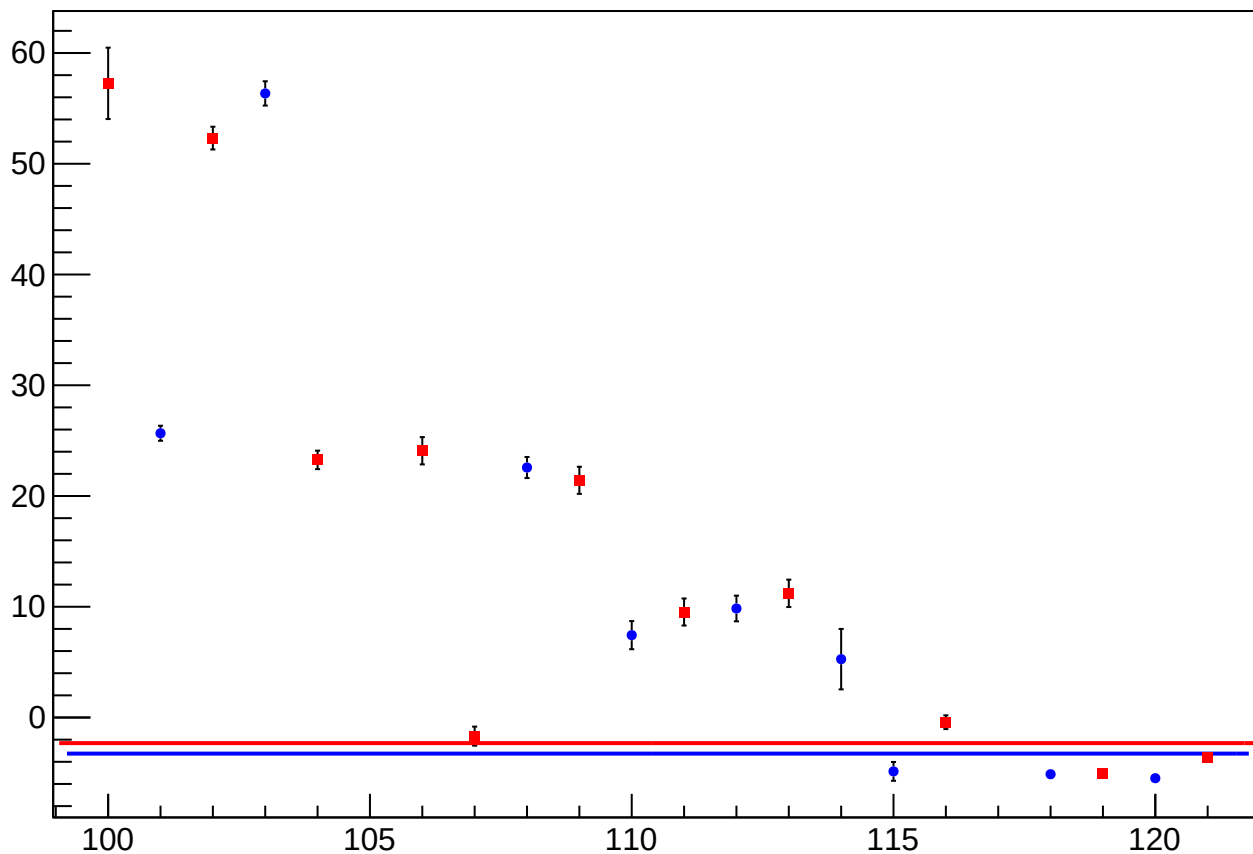
Right: 1.133+/-0.105 χ^2/NDF : 1132.0/19

In: 0.913+/-0.160 χ^2/NDF : 319.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.133+/-0.105 χ^2/NDF : 1132.0/19

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.259+/-0.108 χ^2/NDF : 6024.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.312+/-0.116 χ^2/NDF : 5537.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

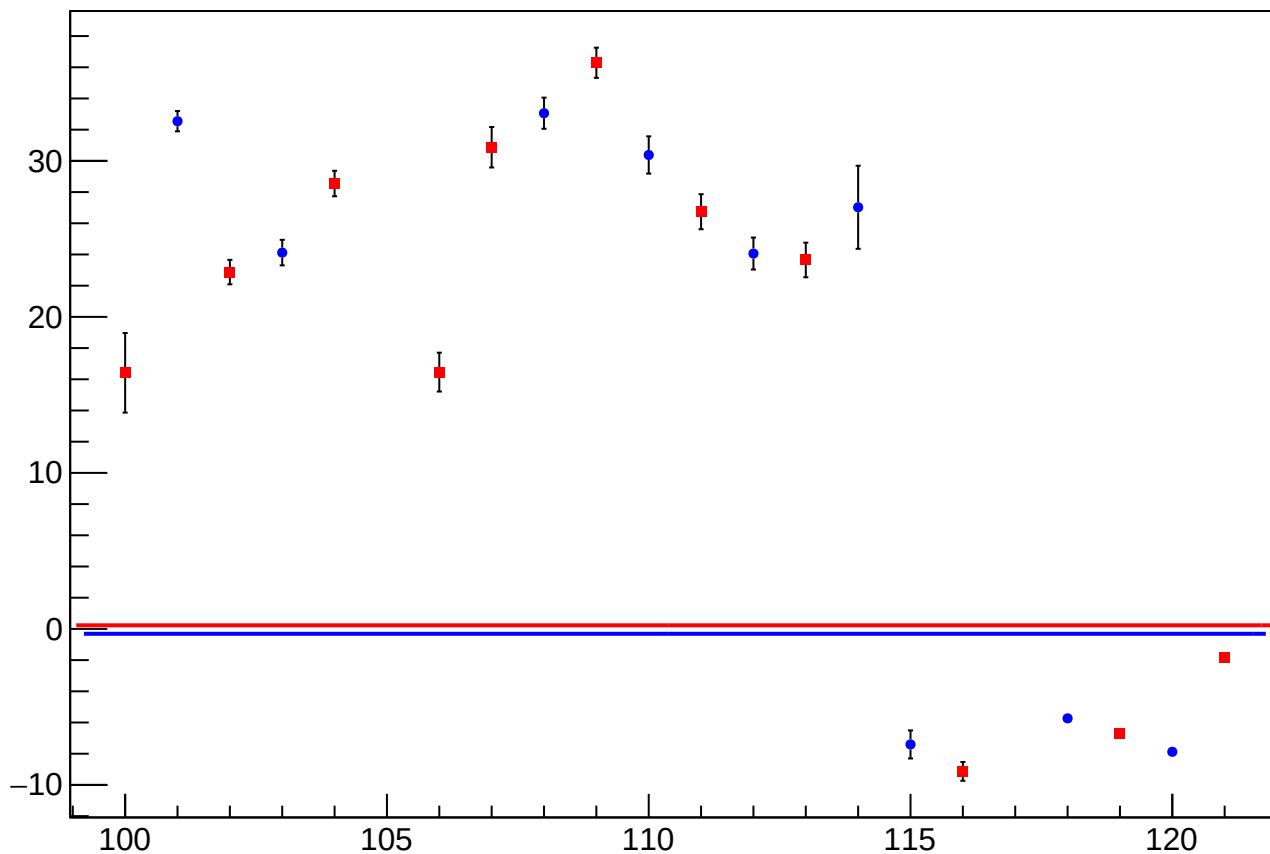
Right: -2.817+/-0.079 χ^2/NDF : 11597.9/19

In: -3.259+/-0.108 χ^2/NDF : 6024.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.817+/-0.079 χ^2/NDF : 11597.9/19

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.313 ± 0.163 χ^2/NDF : 7169.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.231 ± 0.150 χ^2/NDF : 6407.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

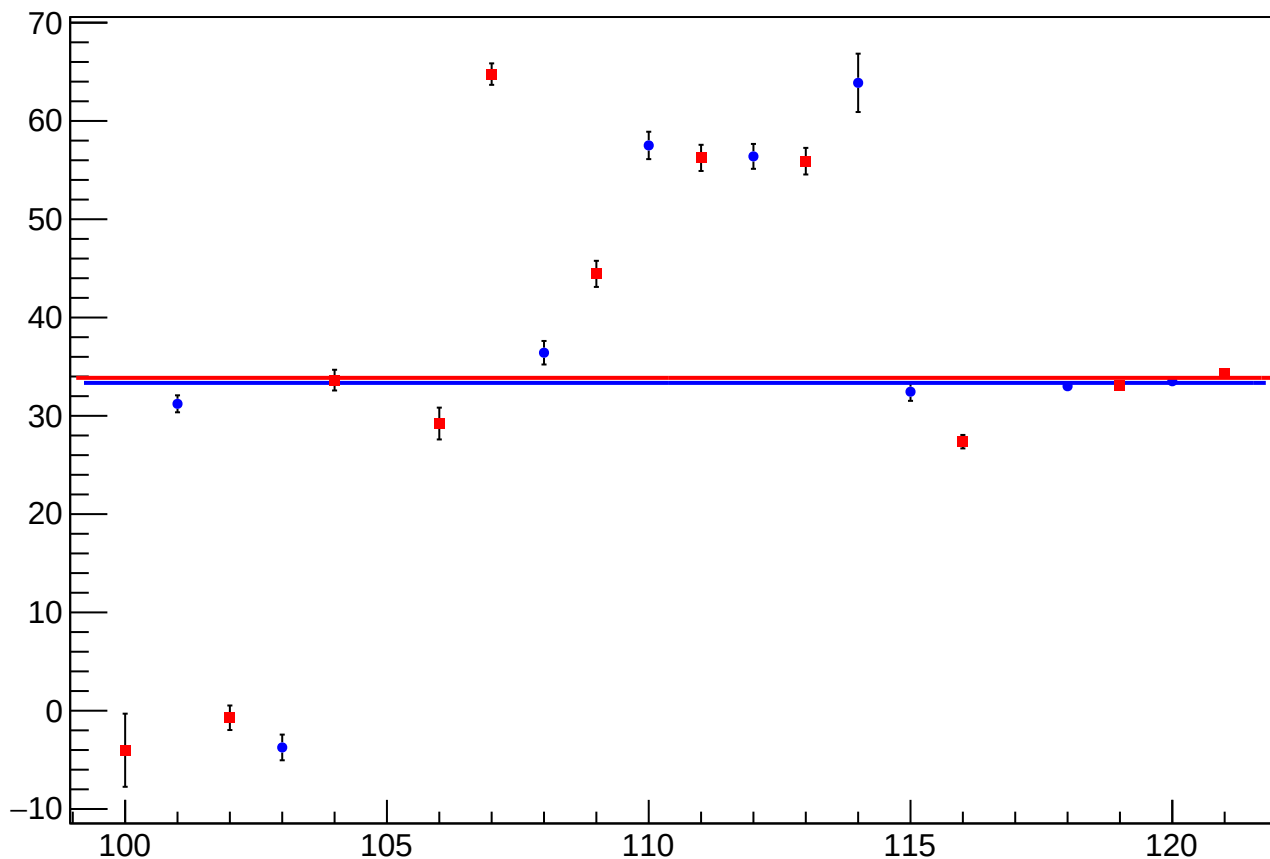
Right: -0.019 ± 0.110 χ^2/NDF : 13583.2/19

In: -0.313 ± 0.163 χ^2/NDF : 7169.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.110 χ^2/NDF : 13583.2/19

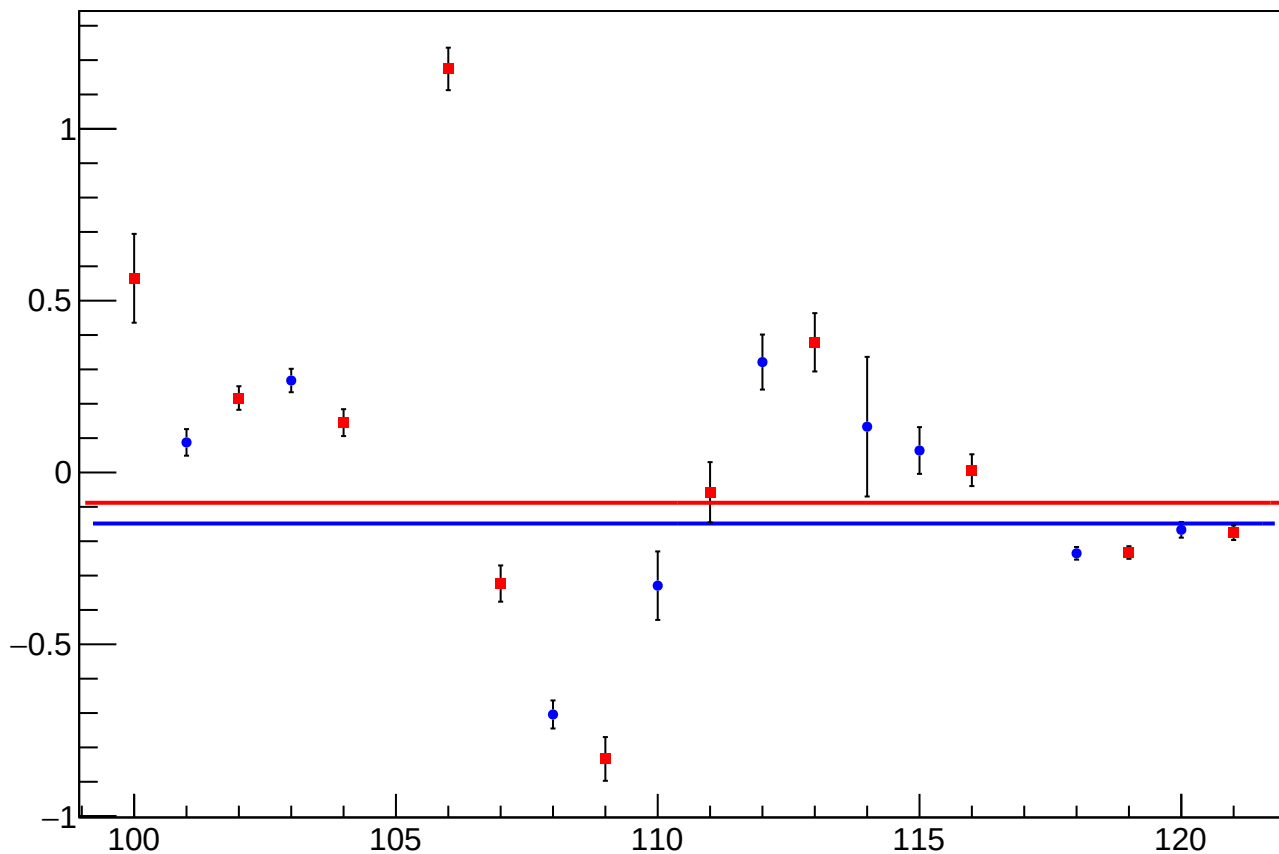
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.351+/-0.140 χ^2/NDF : 1560.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 33.864+/-0.141 χ^2/NDF : 2403.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 33.606+/-0.099 χ^2/NDF : 3970.0/19
 In: 33.351+/-0.140 χ^2/NDF : 1560.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 33.606+/-0.099 χ^2/NDF : 3970.0/19

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.148 ± 0.012 χ^2/NDF : 443.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.088 ± 0.011 χ^2/NDF : 827.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

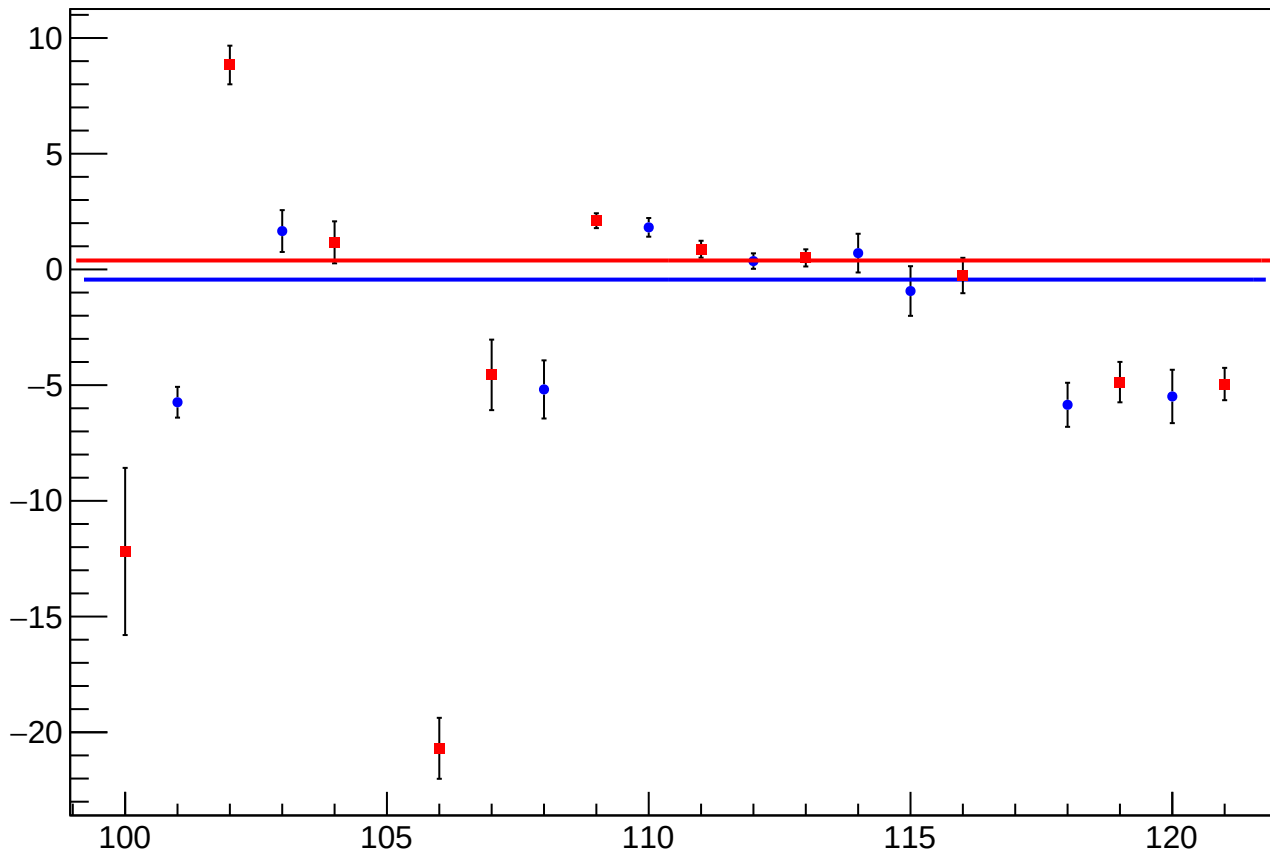
Right: -0.117 ± 0.008 χ^2/NDF : 1285.9/19

In: -0.148 ± 0.012 χ^2/NDF : 443.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.117 ± 0.008 χ^2/NDF : 1285.9/19

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.440+/-0.207 χ^2/NDF : 173.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.387+/-0.173 χ^2/NDF : 507.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

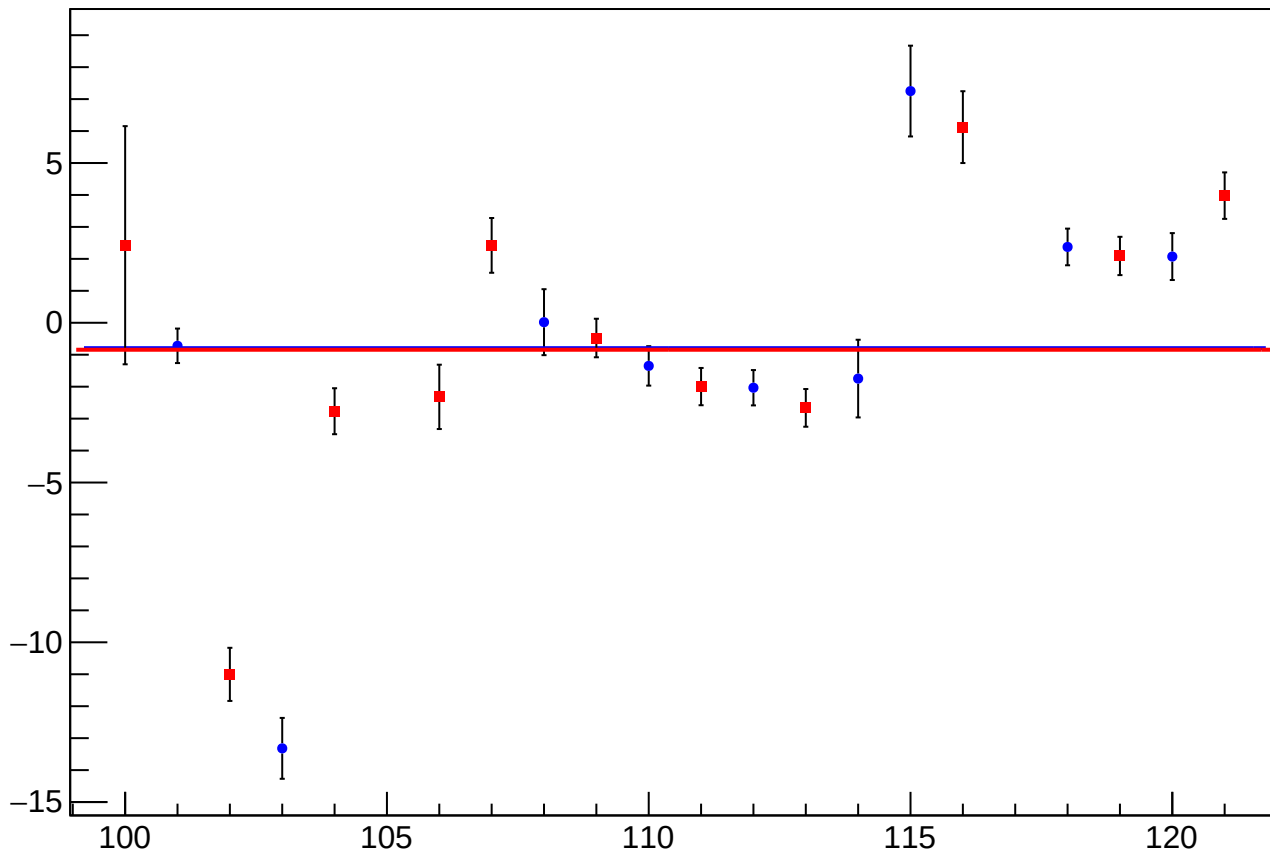
Right: 0.046+/-0.133 χ^2/NDF : 690.9/19

In: -0.440+/-0.207 χ^2/NDF : 173.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.133 χ^2/NDF : 690.9/19

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.795 ± 0.240 χ^2/NDF : 257.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.844 ± 0.225 χ^2/NDF : 294.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

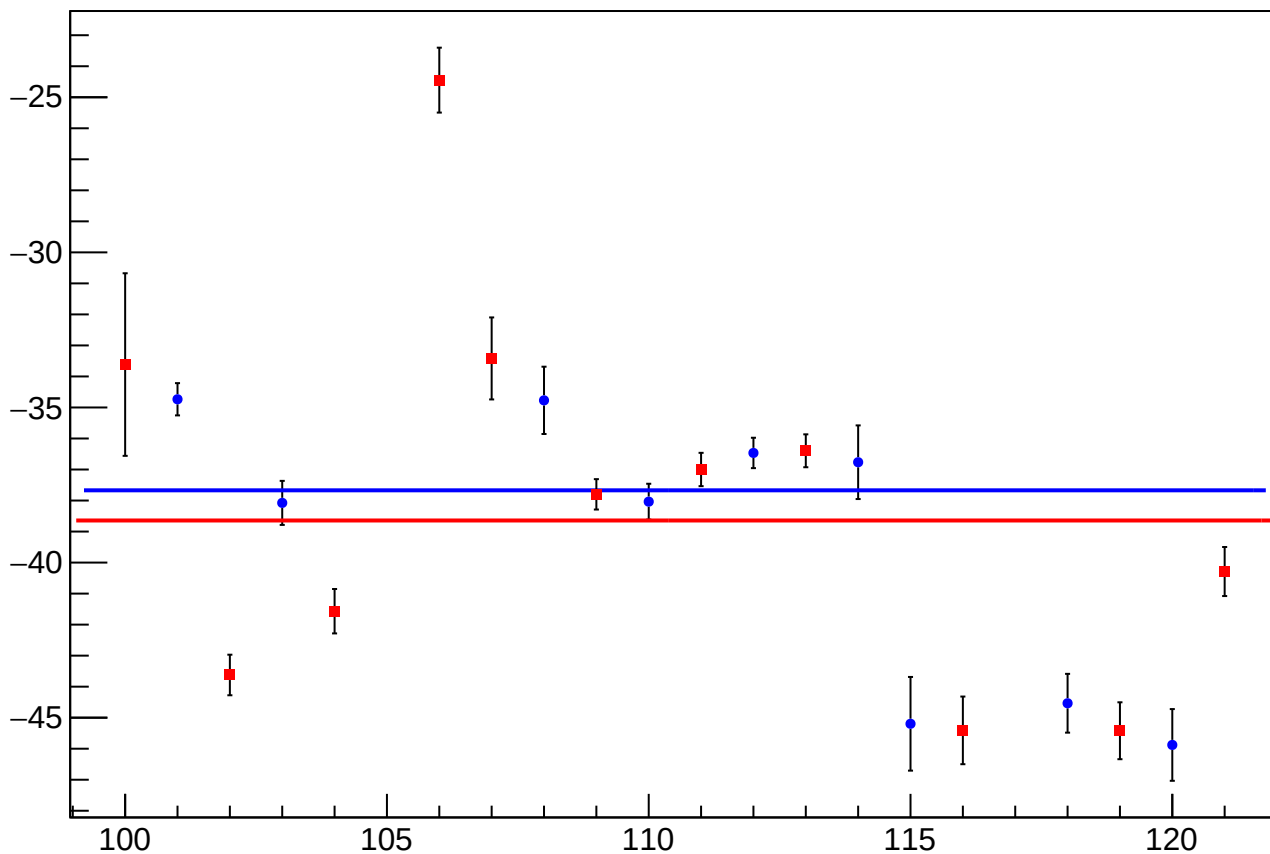
Right: -0.821 ± 0.164 χ^2/NDF : 551.8/19

In: -0.795 ± 0.240 χ^2/NDF : 257.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.821 ± 0.164 χ^2/NDF : 551.8/19

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.671 $\pm$ 0.245 χ^2 /NDF: 174.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.643 $\pm$ 0.220 χ^2 /NDF: 405.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

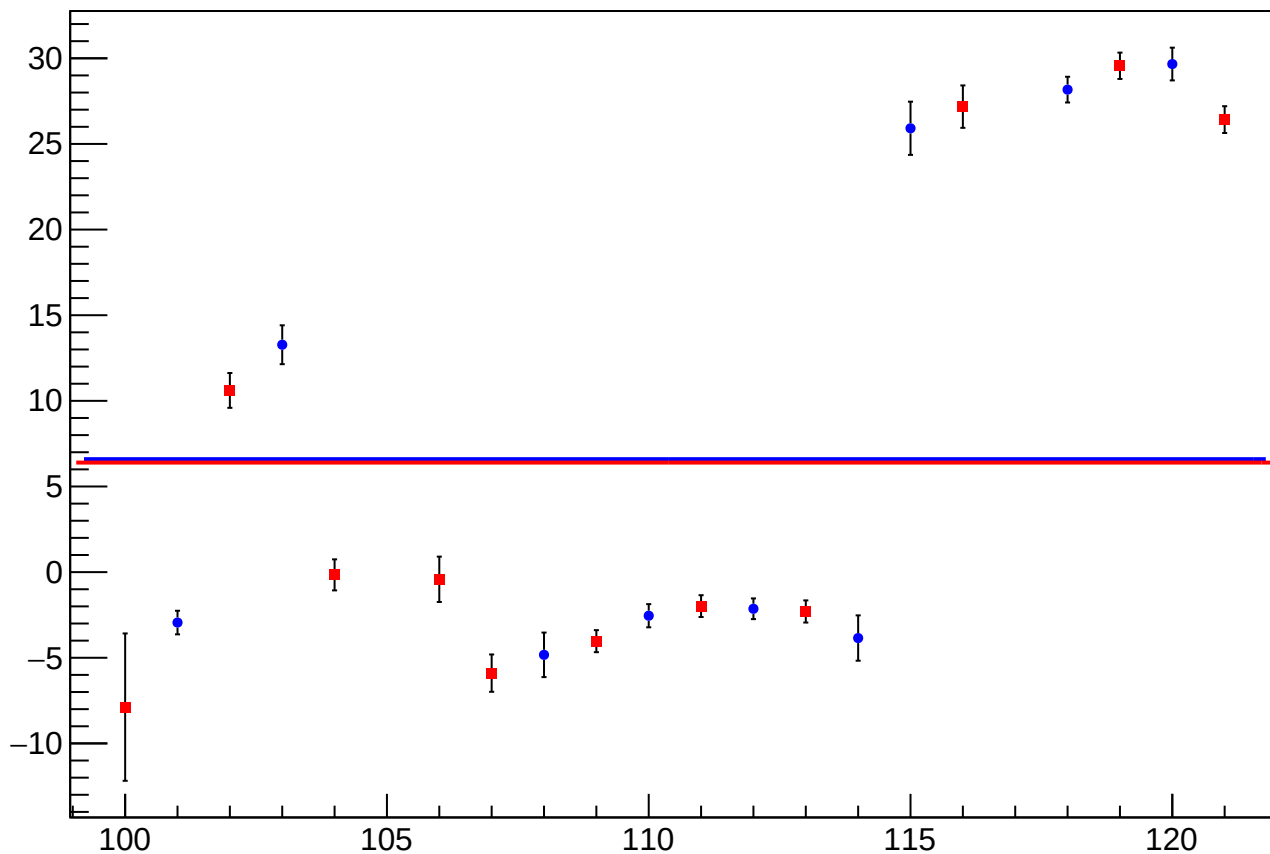
Right: -38.209 $\pm$ 0.163 χ^2 /NDF: 587.8/19

In: -37.671 $\pm$ 0.245 χ^2 /NDF:174.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.209 $\pm$ 0.163 χ^2 /NDF: 587.8/19

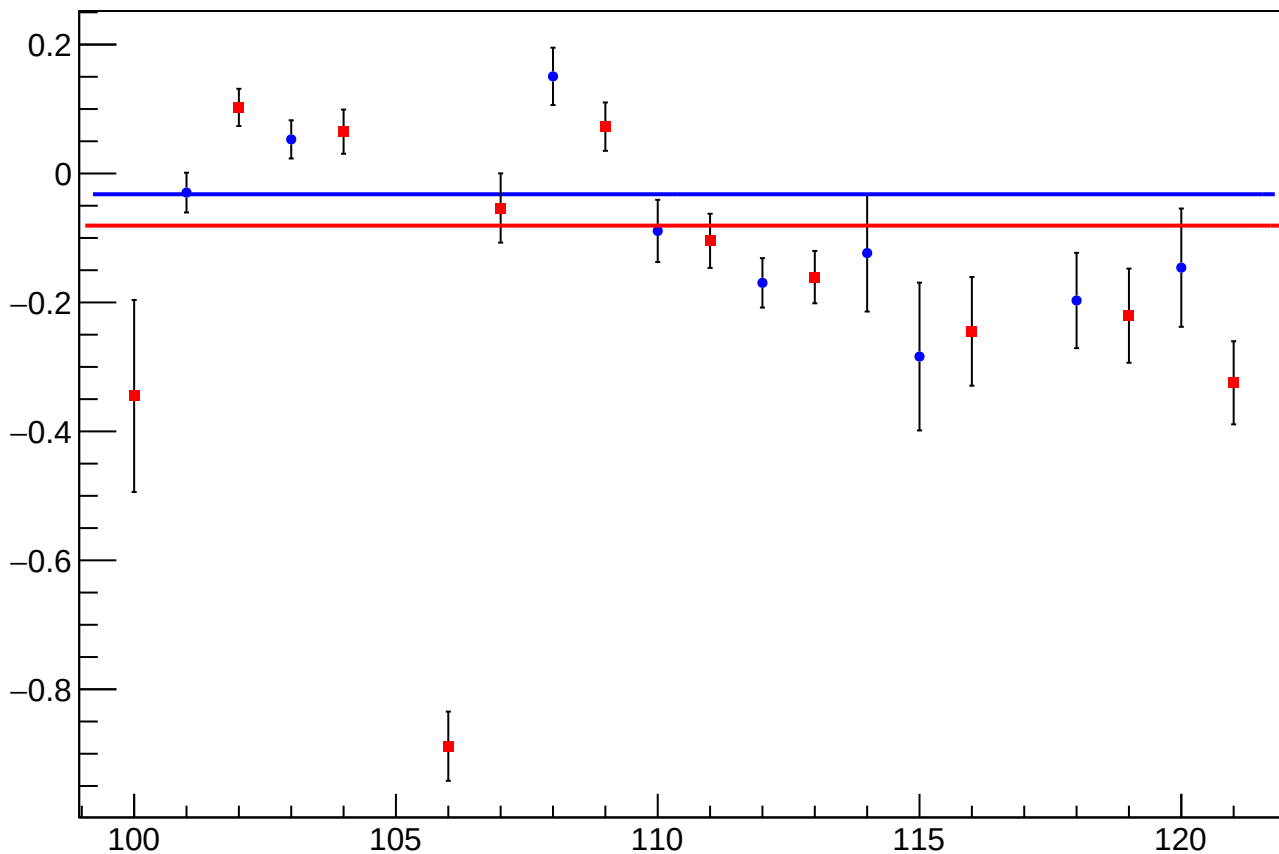
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.595+/-0.286 χ^2/NDF : 2319.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.396+/-0.259 χ^2/NDF : 2699.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 6.486+/-0.192 χ^2/NDF : 5019.0/19
 In: 6.595+/-0.286 χ^2/NDF : 2319.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.486+/-0.192 χ^2/NDF : 5019.0/19

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.032 $\pm$ 0.015 χ^2 /NDF: 51.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.081 $\pm$ 0.014 χ^2 /NDF: 330.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

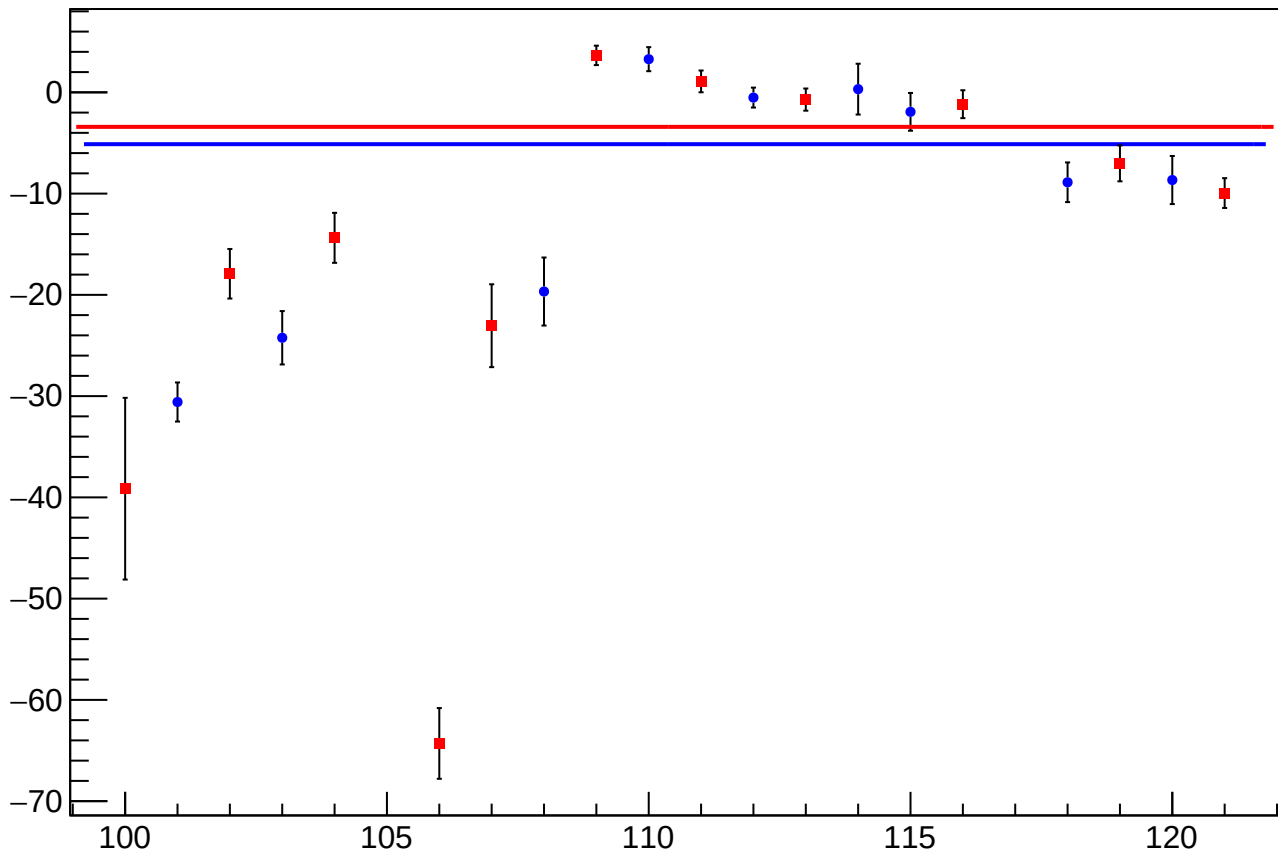
Right: -0.059 $\pm$ 0.010 χ^2 /NDF: 388.0/19

In: -0.032 $\pm$ 0.015 χ^2 /NDF:51.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.059 $\pm$ 0.010 χ^2 /NDF: 388.0/19

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.119+/-0.566 χ^2/NDF : 330.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.409+/-0.467 χ^2/NDF : 501.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

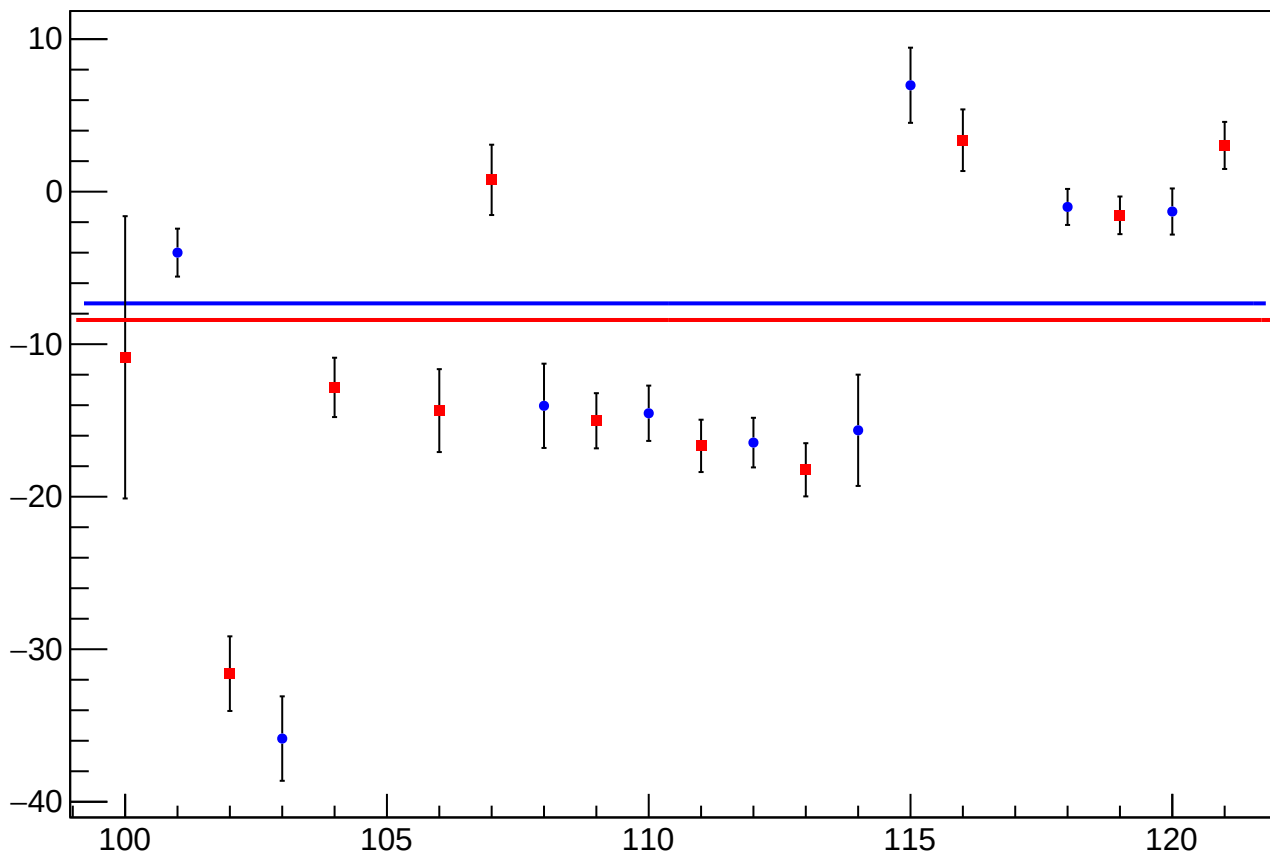
Right: -4.103+/-0.360 χ^2/NDF : 838.1/19

In: -5.119+/-0.566 χ^2/NDF : 330.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.103+/-0.360 χ^2/NDF : 838.1/19

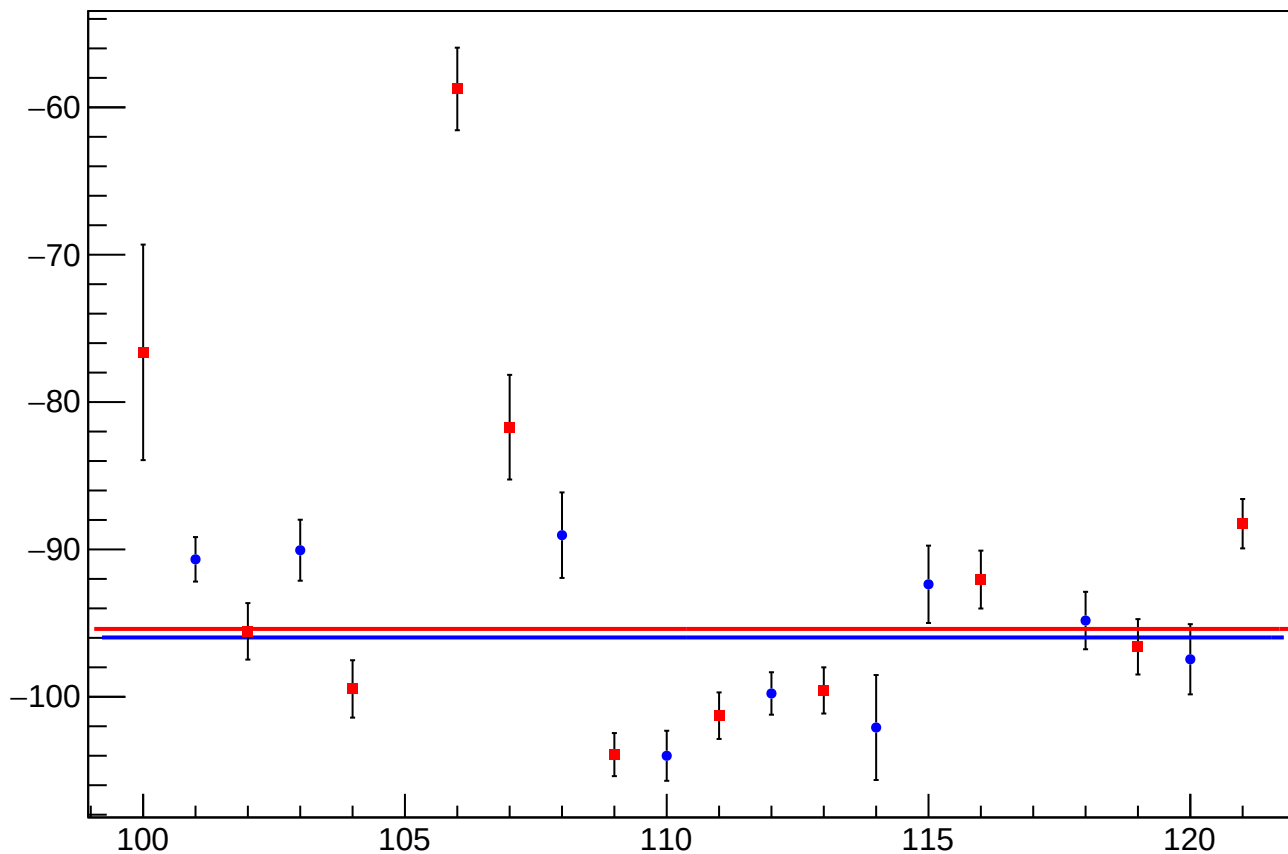
reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.325+/-0.604 χ^2/NDF : 247.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8.414+/-0.571 χ^2/NDF : 303.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -7.899+/-0.415 χ^2/NDF : 552.9/19
 In: -7.325+/-0.604 χ^2/NDF : 247.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.899+/-0.415 χ^2/NDF : 552.9/19

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.974+/-0.662 χ^2/NDF : 61.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.394+/-0.584 χ^2/NDF : 273.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

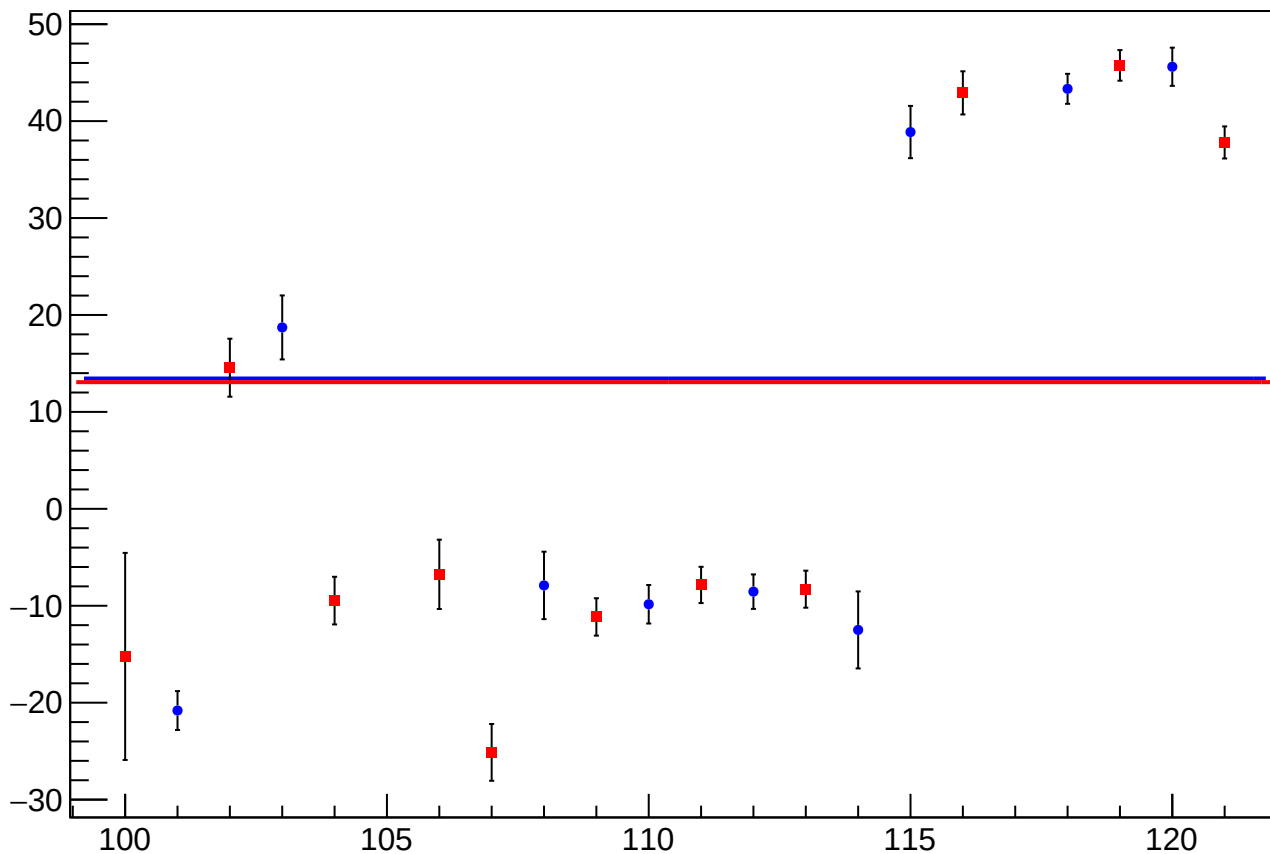
Right: -95.647+/-0.438 χ^2/NDF : 335.0/19

In: -95.974+/-0.662 χ^2/NDF : 61.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.647+/-0.438 χ^2/NDF : 335.0/19

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.444+/-0.731 χ^2/NDF : 1394.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.068+/-0.663 χ^2/NDF : 1530.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

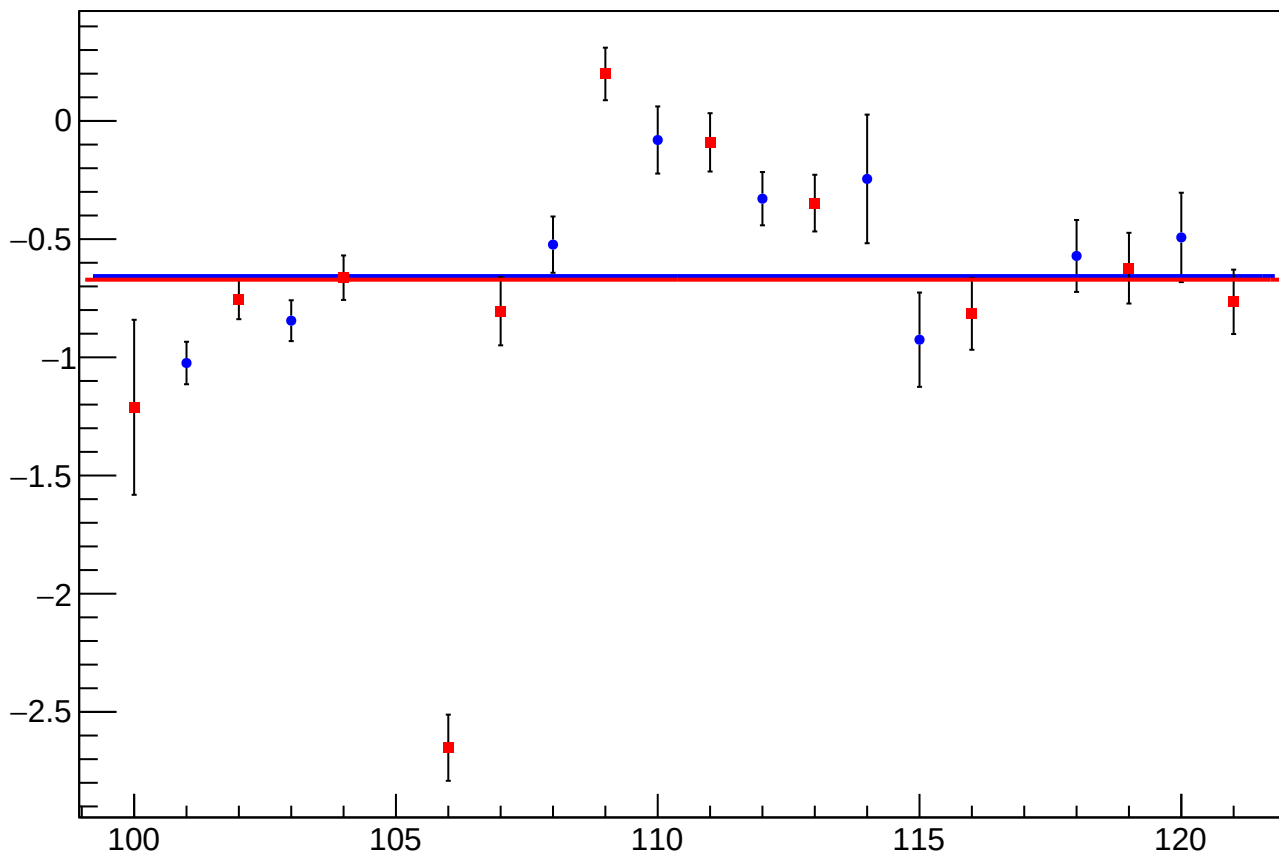
Right: 13.238+/-0.491 χ^2/NDF : 2925.1/19

In: 13.444+/-0.731 χ^2/NDF : 1394.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.238+/-0.491 χ^2/NDF : 2925.1/19

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.656+/-0.042 χ^2/NDF : 52.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.672+/-0.037 χ^2/NDF : 296.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

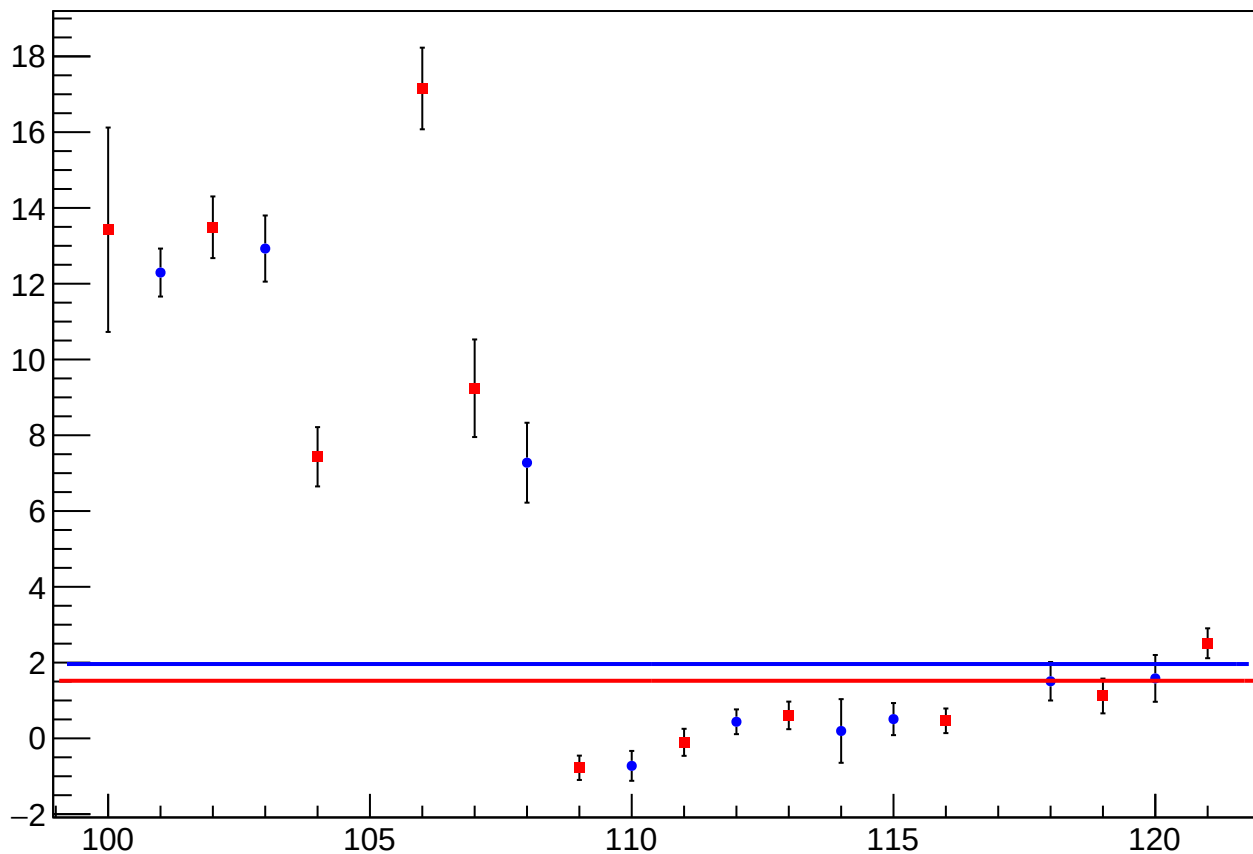
Right: -0.665+/-0.028 χ^2/NDF : 349.3/19

In: -0.656+/-0.042 χ^2/NDF :52.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.665+/-0.028 χ^2/NDF : 349.3/19

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.962 $\pm$ 0.172 χ^2 /NDF: 535.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.520 $\pm$ 0.141 χ^2 /NDF: 635.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

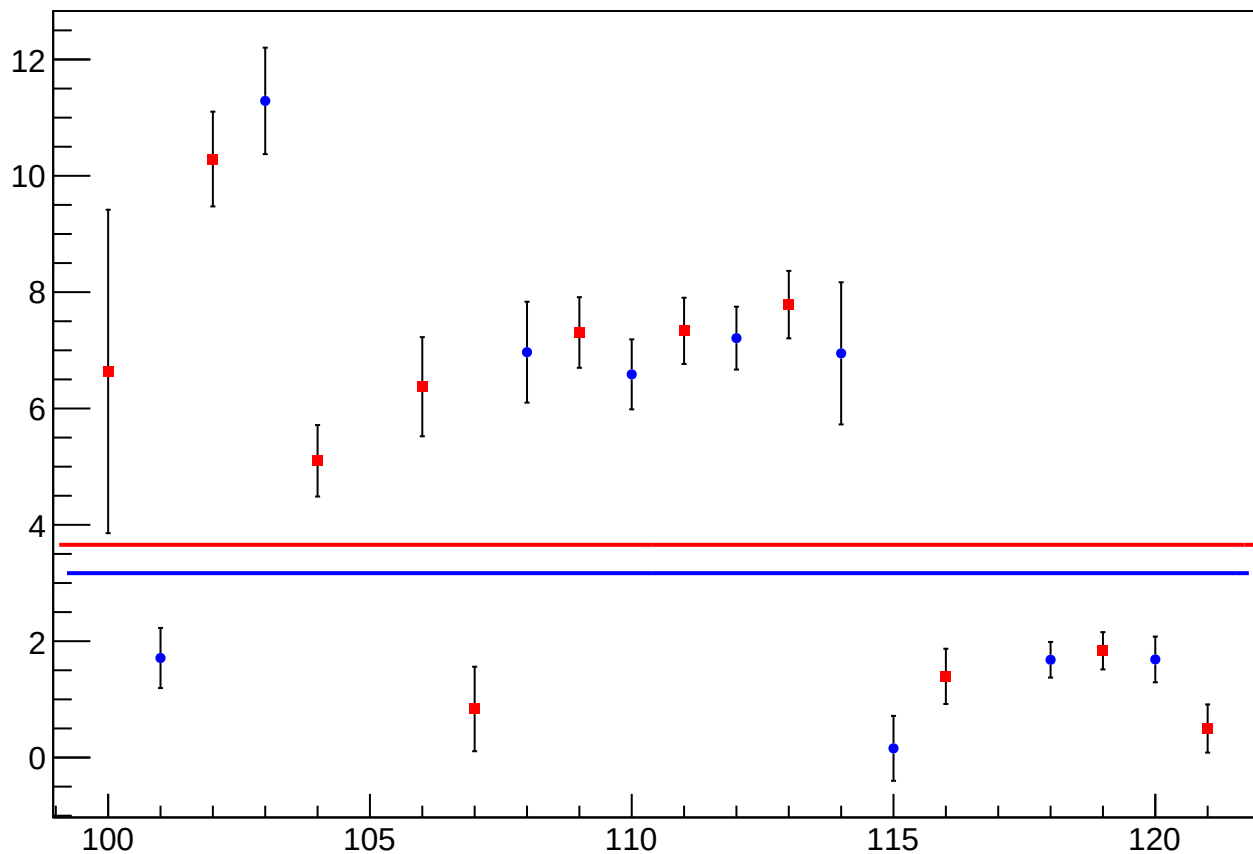
Right: 1.698 $\pm$ 0.109 χ^2 /NDF: 1174.3/19

In: 1.962 $\pm$ 0.172 χ^2 /NDF:535.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.698 $\pm$ 0.109 χ^2 /NDF: 1174.3/19

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.169+/-0.173 χ^2/NDF : 270.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.657+/-0.166 χ^2/NDF : 339.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

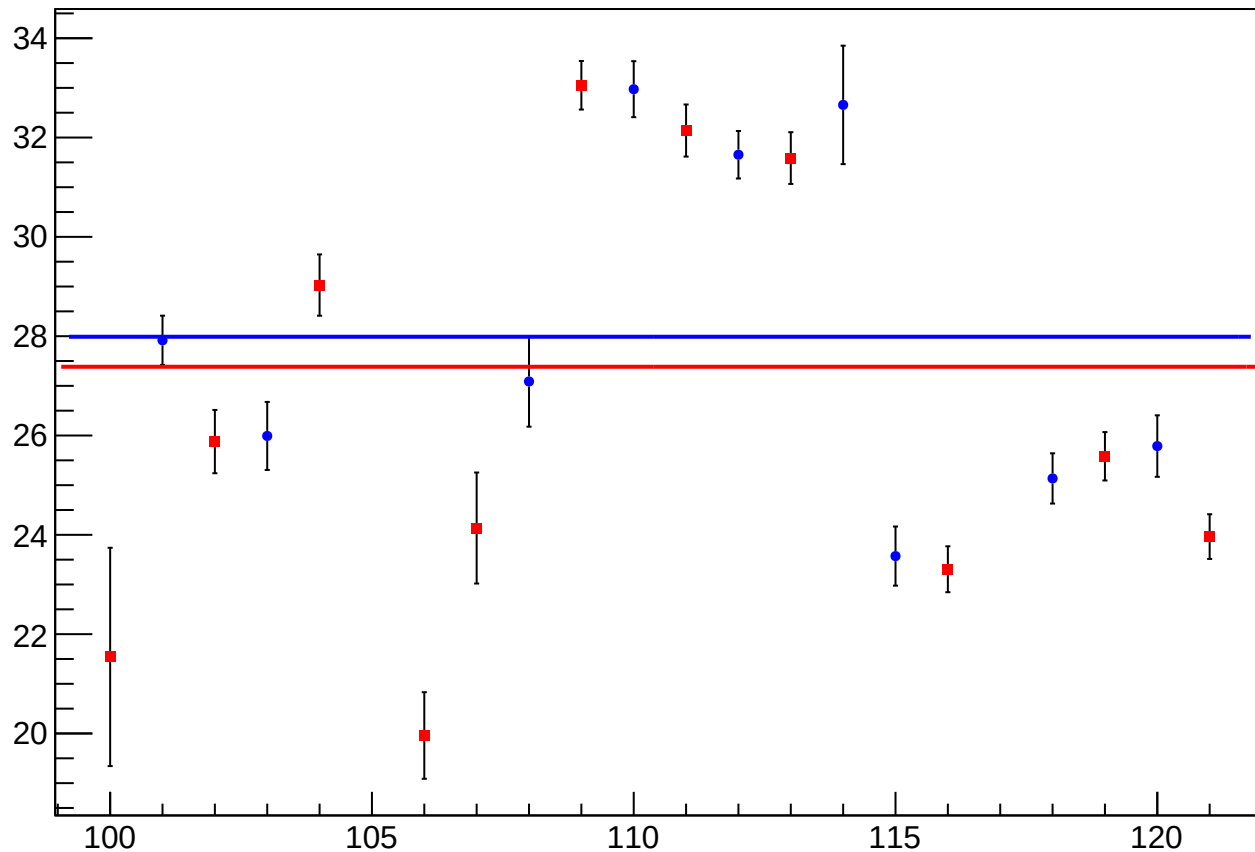
Right: 3.423+/-0.120 χ^2/NDF : 614.4/19

In: 3.169+/-0.173 χ^2/NDF : 270.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.423+/-0.120 χ^2/NDF : 614.4/19

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.989+/-0.200 χ^2/NDF : 261.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.384+/-0.175 χ^2/NDF : 531.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

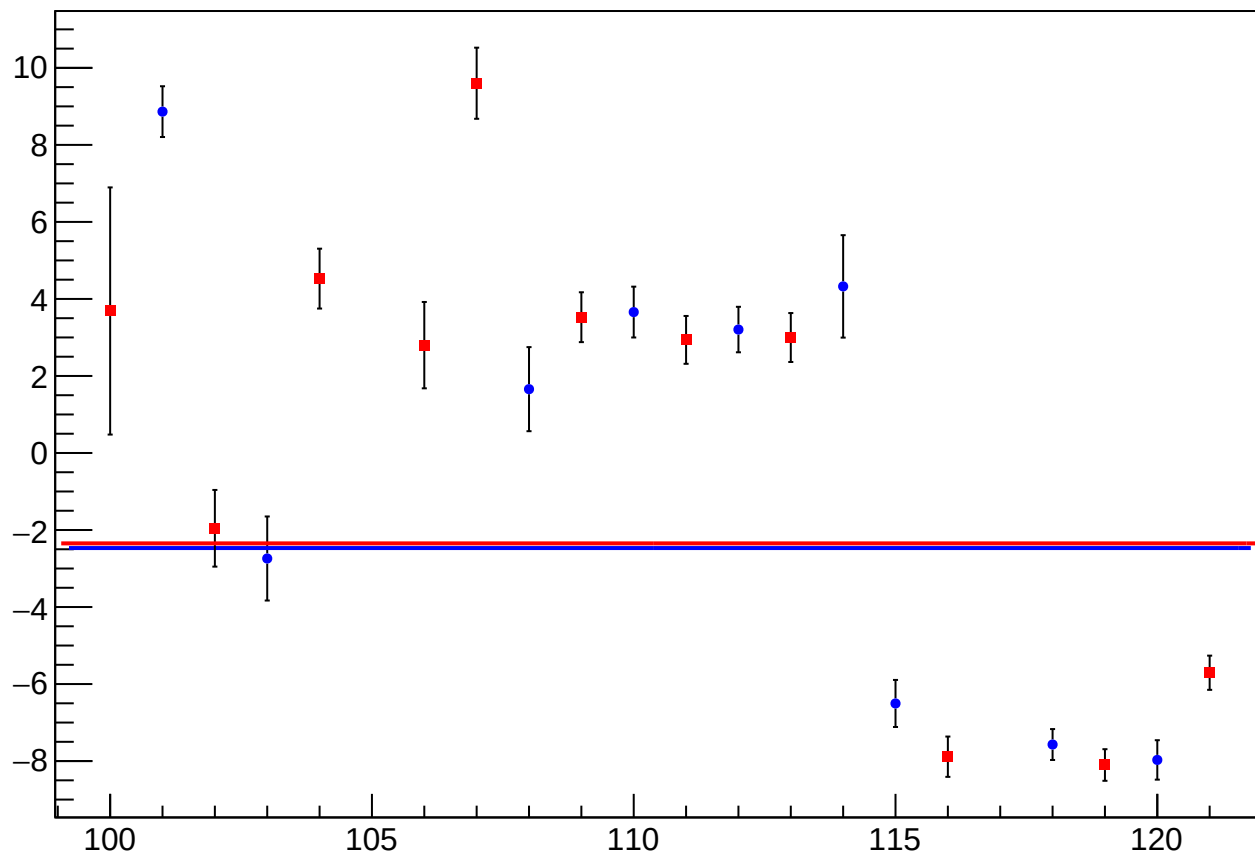
Right: 27.646+/-0.132 χ^2/NDF : 798.1/19

In: 27.989+/-0.200 χ^2/NDF : 261.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.646+/-0.132 χ^2/NDF : 798.1/19

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.469+/-0.211 χ^2/NDF : 835.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.347+/-0.193 χ^2/NDF : 861.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

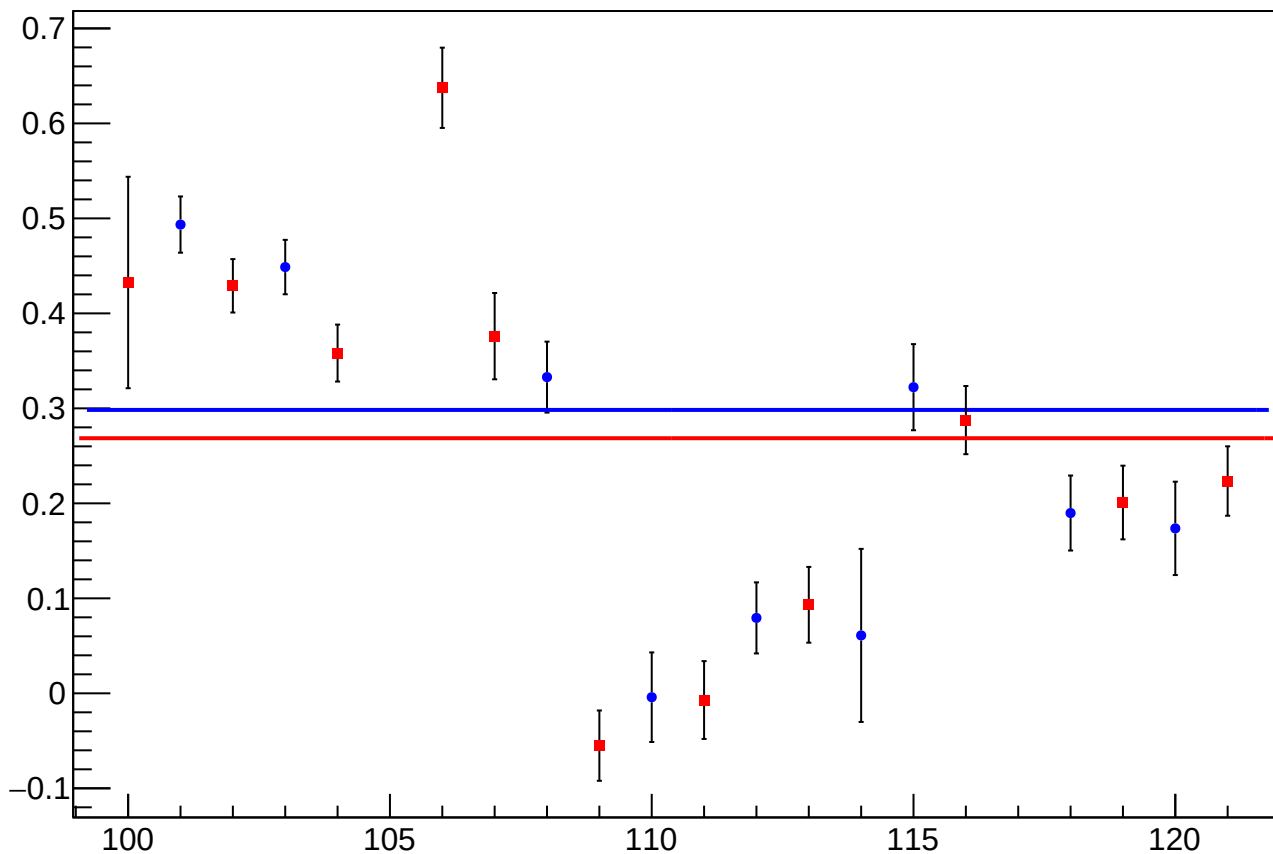
Right: -2.403+/-0.142 χ^2/NDF : 1697.0/19

In: -2.469+/-0.211 χ^2/NDF : 835.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.403+/-0.142 χ^2/NDF : 1697.0/19

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298 $\pm$ 0.013 χ^2 /NDF: 168.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.269 $\pm$ 0.011 χ^2 /NDF: 271.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

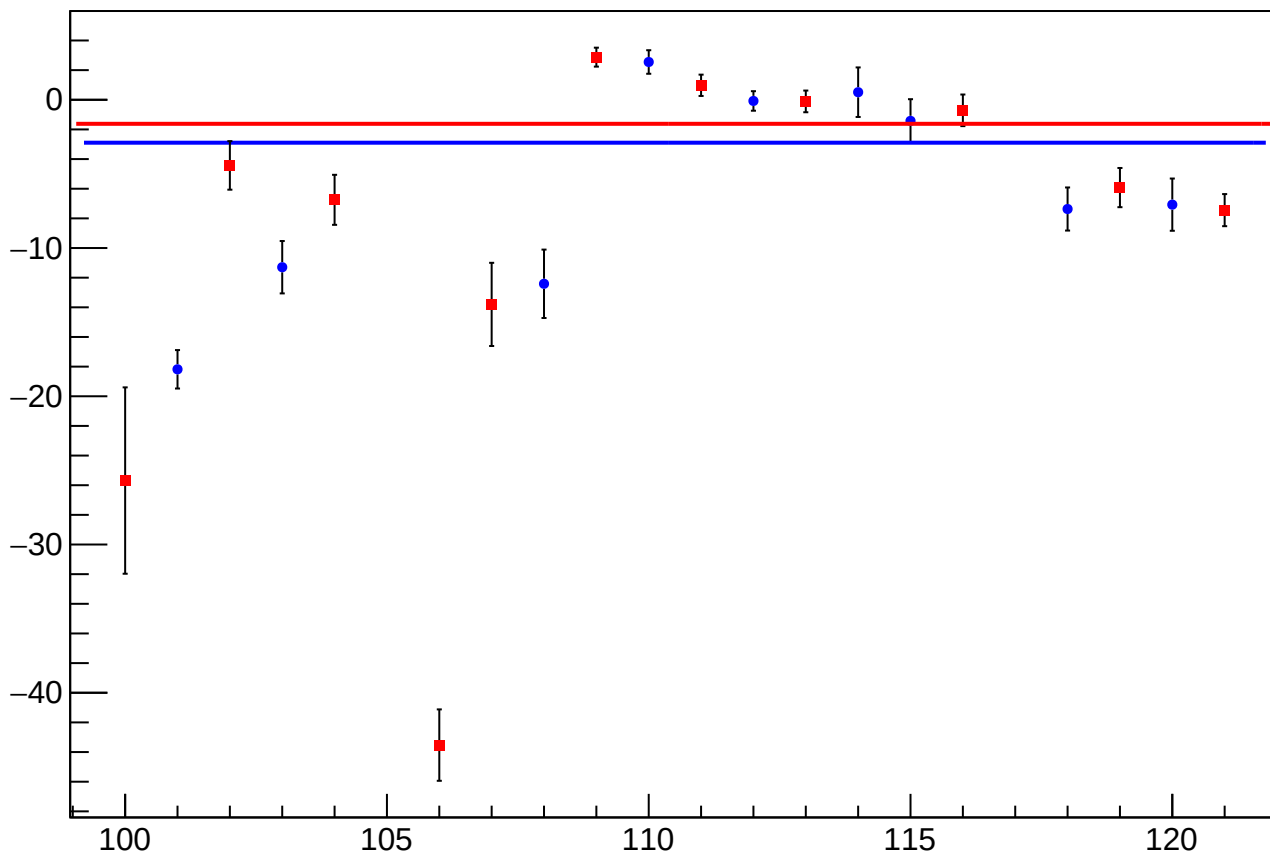
Right: 0.282 $\pm$ 0.009 χ^2 /NDF: 442.7/19

In: 0.298 $\pm$ 0.013 χ^2 /NDF:168.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.282 $\pm$ 0.009 χ^2 /NDF: 442.7/19

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.895+/-0.389 χ^2 /NDF: 264.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.621+/-0.323 χ^2 /NDF: 455.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

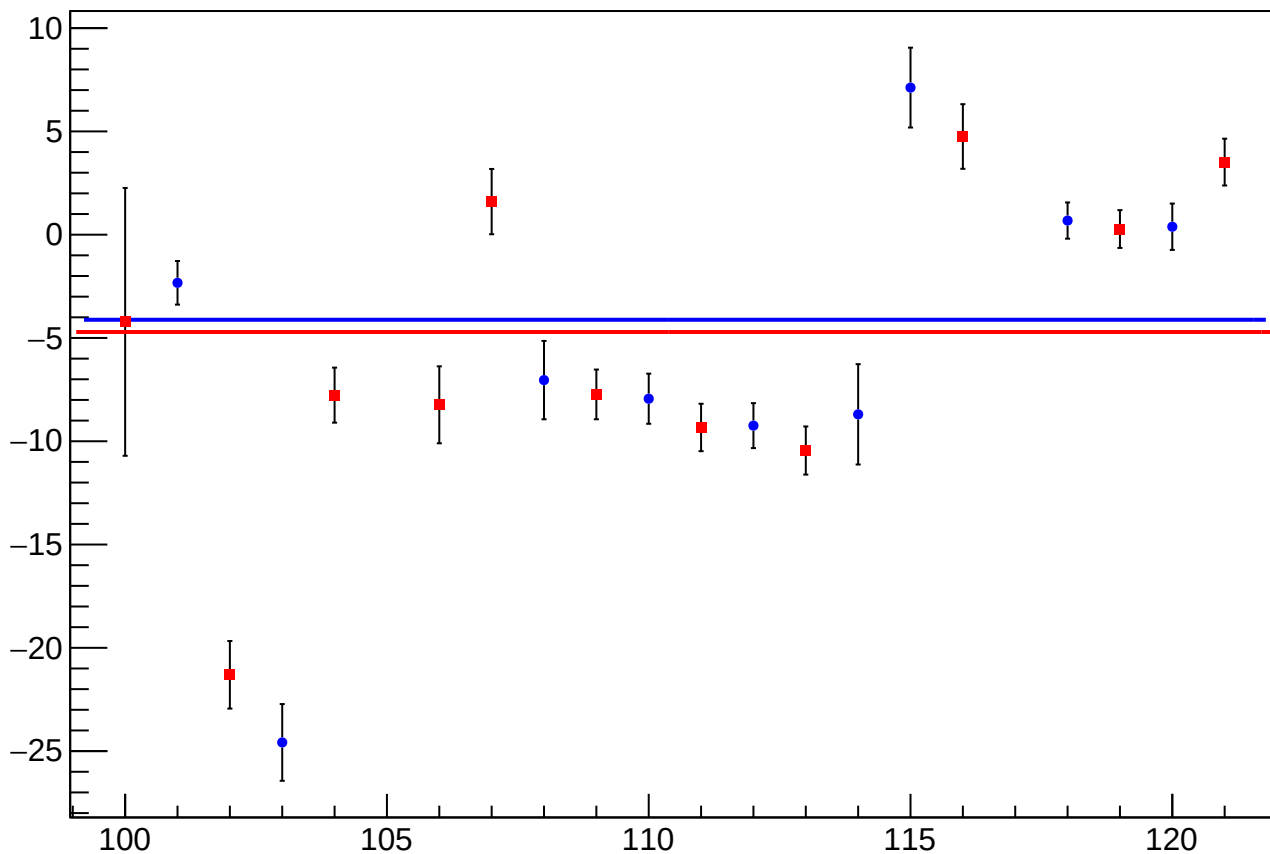
Right: -2.141+/-0.248 χ^2 /NDF: 726.0/19

In: -2.895+/-0.389 χ^2 /NDF:264.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.141+/-0.248 χ^2 /NDF: 726.0/19

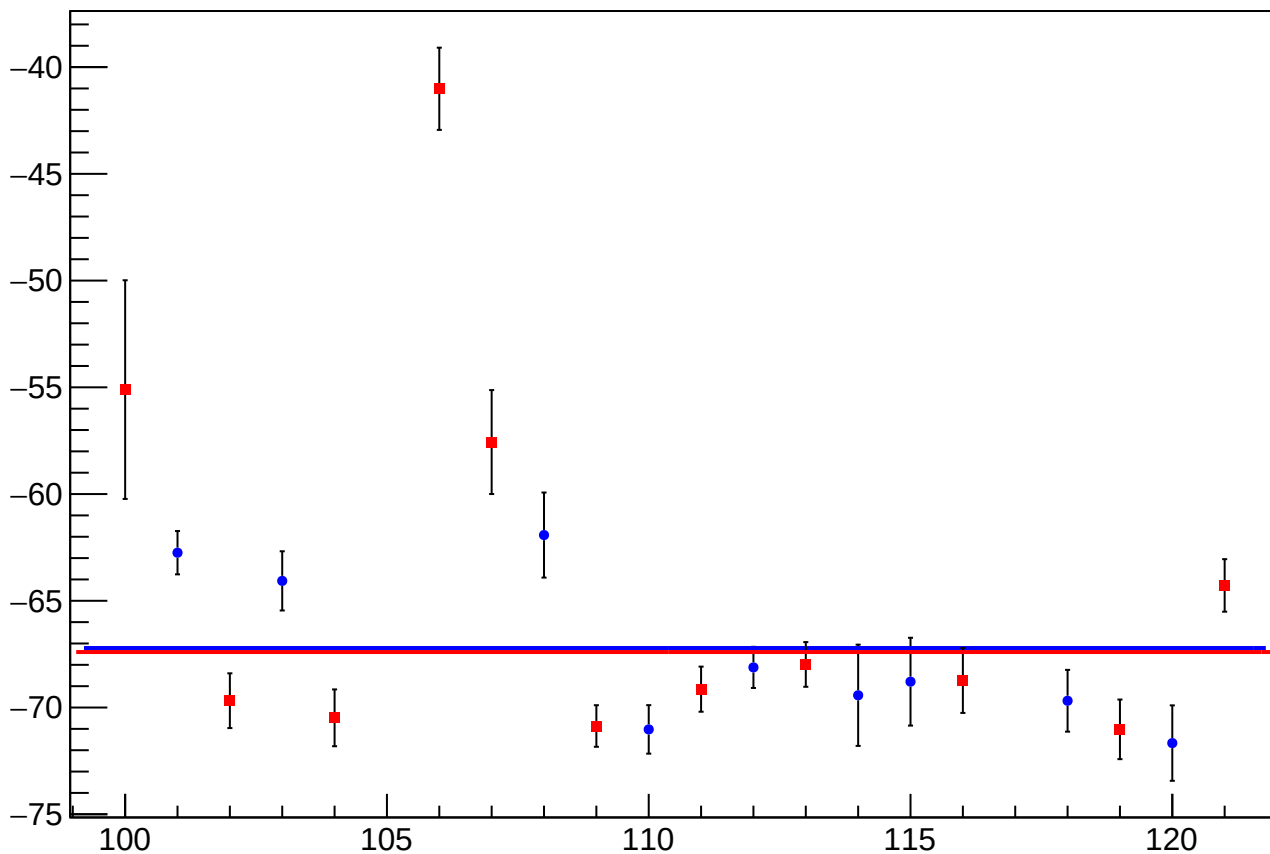
reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.119 $\pm$ 0.425 χ^2 /NDF: 242.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -4.711 $\pm$ 0.401 χ^2 /NDF: 293.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -4.432 $\pm$ 0.292 χ^2 /NDF: 536.7/19
 In: -4.119 $\pm$ 0.425 χ^2 /NDF:242.2/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -4.432 $\pm$ 0.292 χ^2 /NDF: 536.7/19

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.212 $\pm$ 0.456 χ^2 /NDF: 54.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.400 $\pm$ 0.404 χ^2 /NDF: 248.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

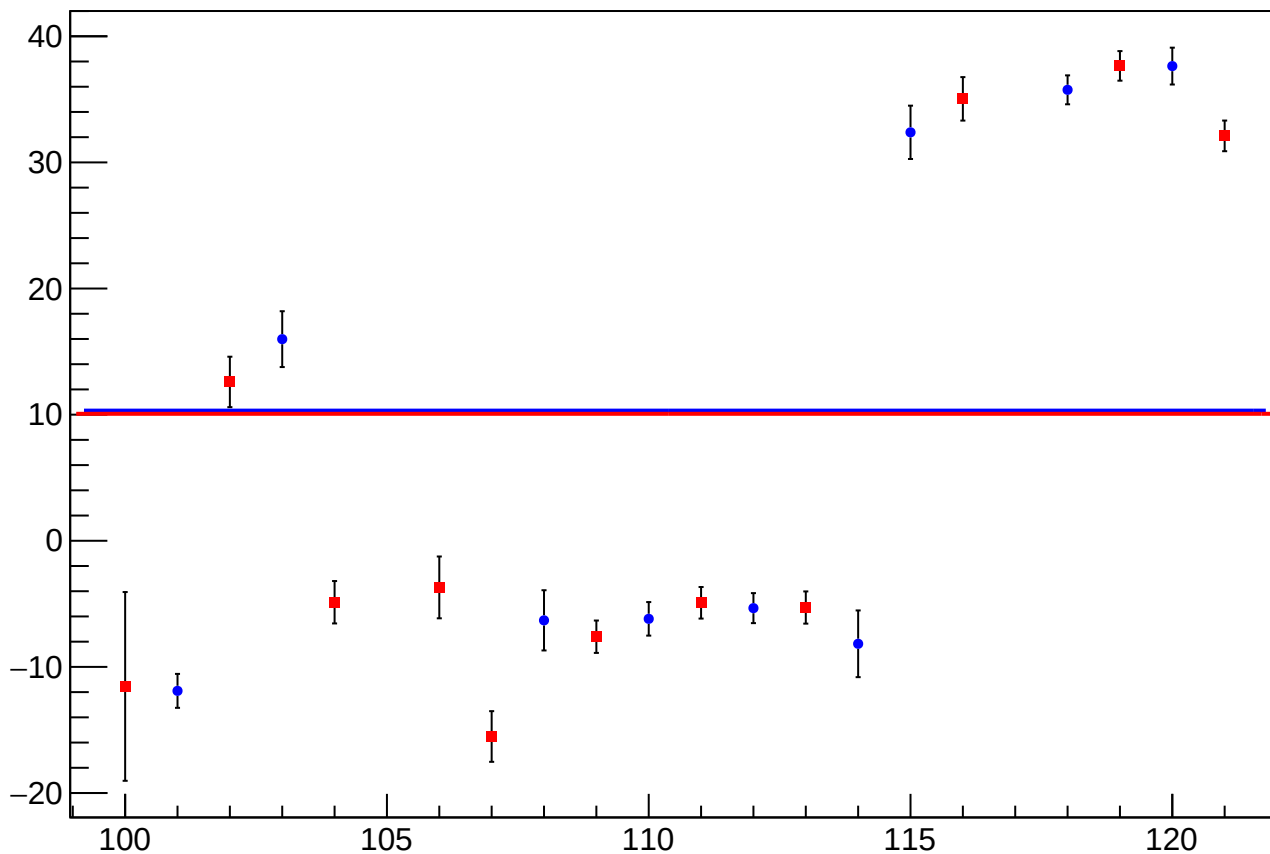
Right: -67.317 $\pm$ 0.303 χ^2 /NDF: 302.5/19

In: -67.212 $\pm$ 0.456 χ^2 /NDF:54.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.317 $\pm$ 0.303 χ^2 /NDF: 302.5/19

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.319+/-0.513 χ^2/NDF : 1654.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.067+/-0.464 χ^2/NDF : 1852.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

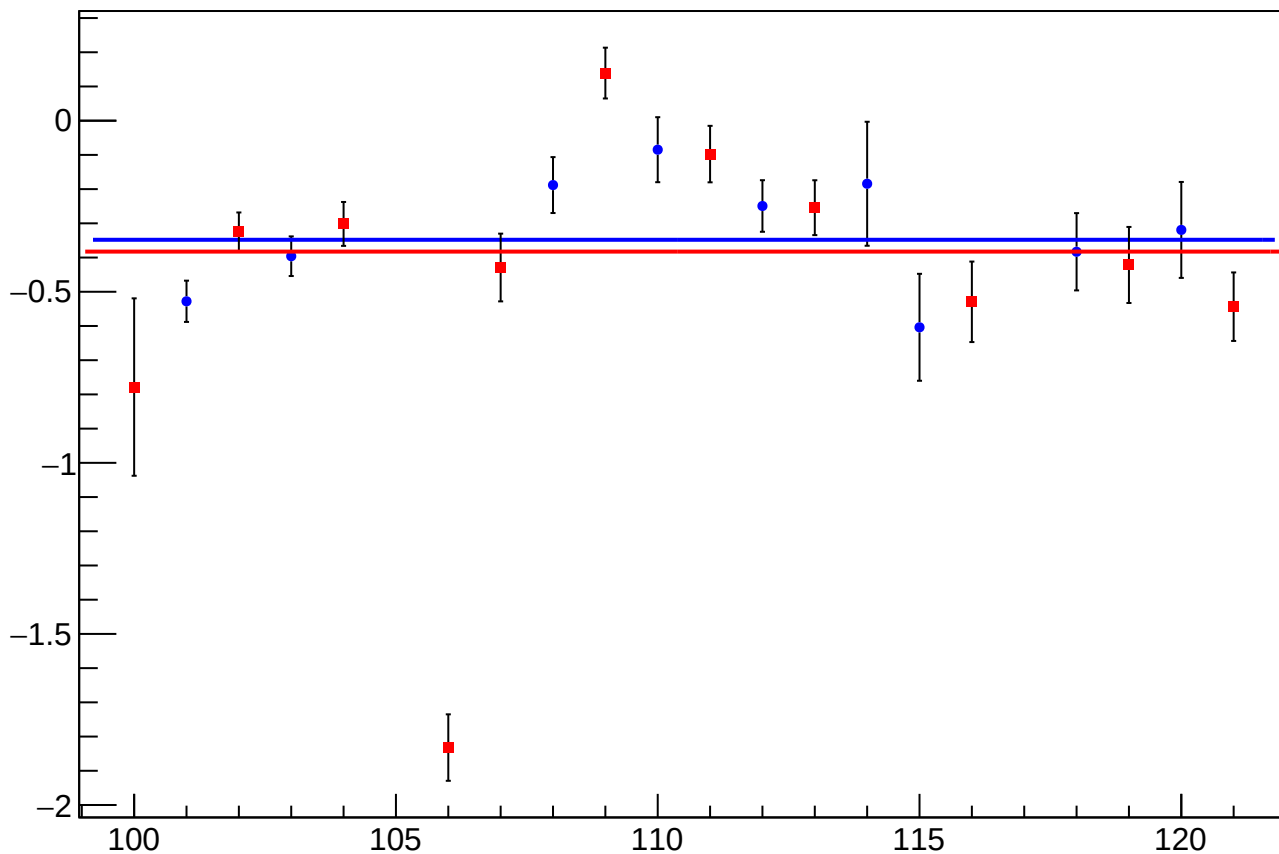
Right: 10.181+/-0.344 χ^2/NDF : 3506.3/19

In: 10.319+/-0.513 χ^2/NDF : 1654.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.181+/-0.344 χ^2/NDF : 3506.3/19

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.348+/-0.029 χ^2/NDF : 26.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.383+/-0.026 χ^2/NDF : 296.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

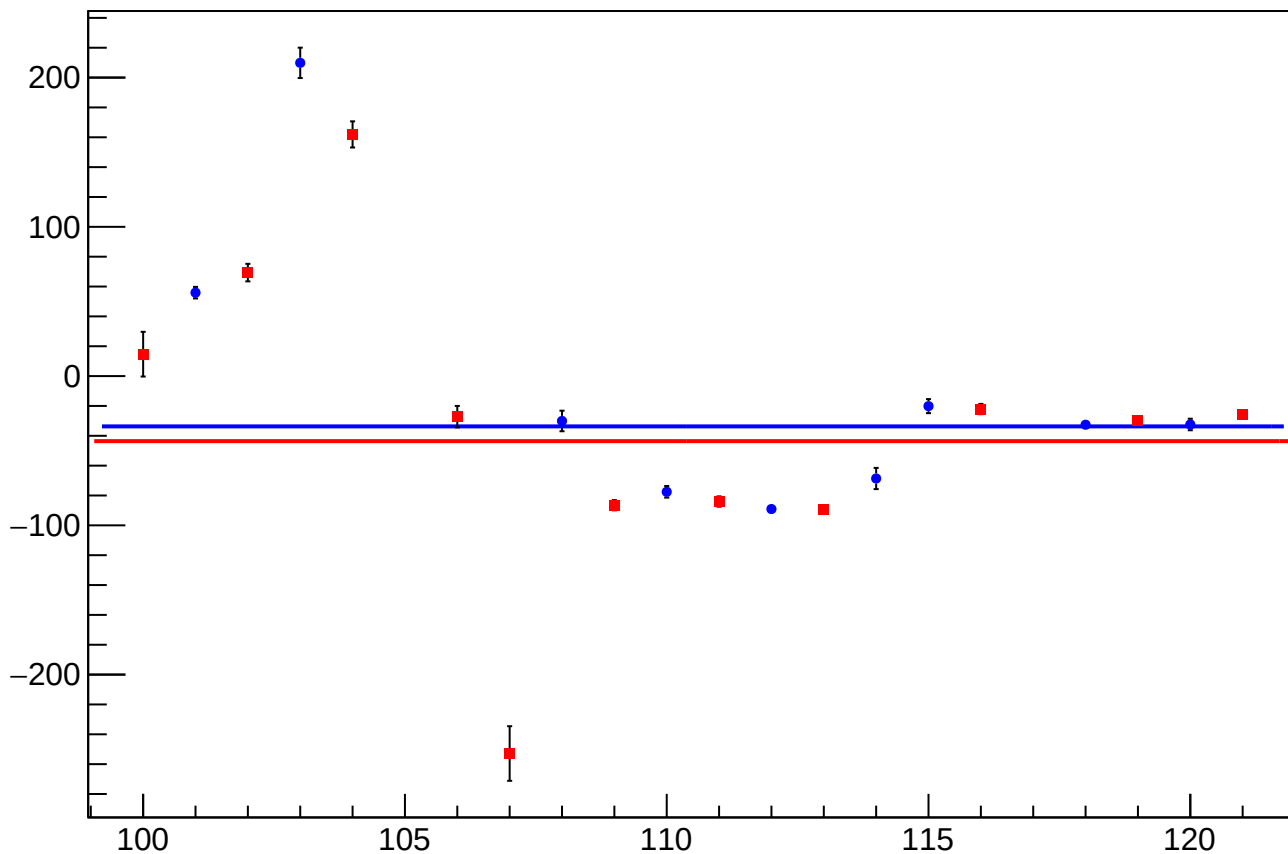
Right: -0.367+/-0.019 χ^2/NDF : 323.3/19

In: -0.348+/-0.029 χ^2/NDF : 26.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.367+/-0.019 χ^2/NDF : 323.3/19

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.701+/-1.431 χ^2/NDF : 1583.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.588+/-1.251 χ^2/NDF : 1653.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

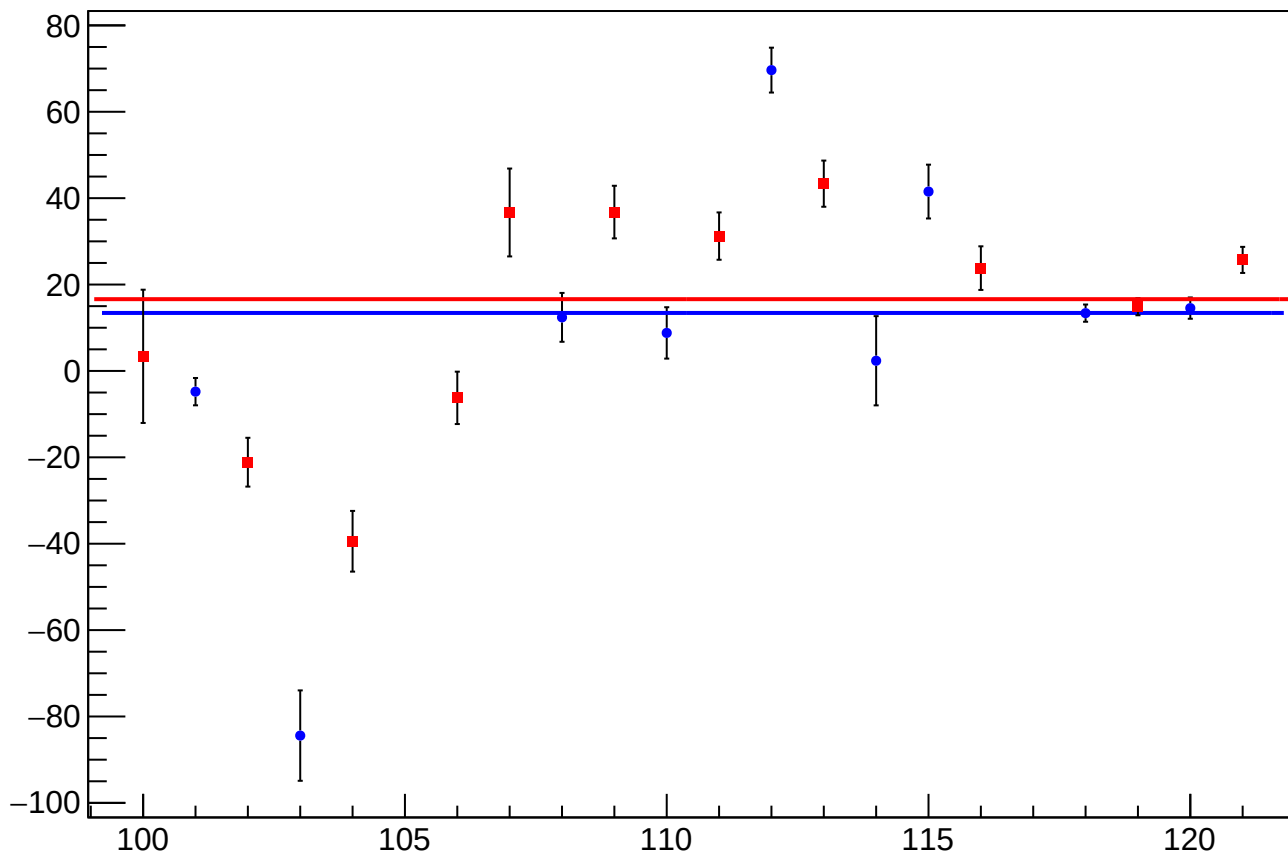
Right: -39.304+/-0.942 χ^2/NDF : 3263.9/19

In: -33.701+/-1.431 χ^2/NDF : 1583.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.304+/-0.942 χ^2/NDF : 3263.9/19

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.426+/-1.234 χ^2/NDF : 260.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.616+/-1.300 χ^2/NDF : 182.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

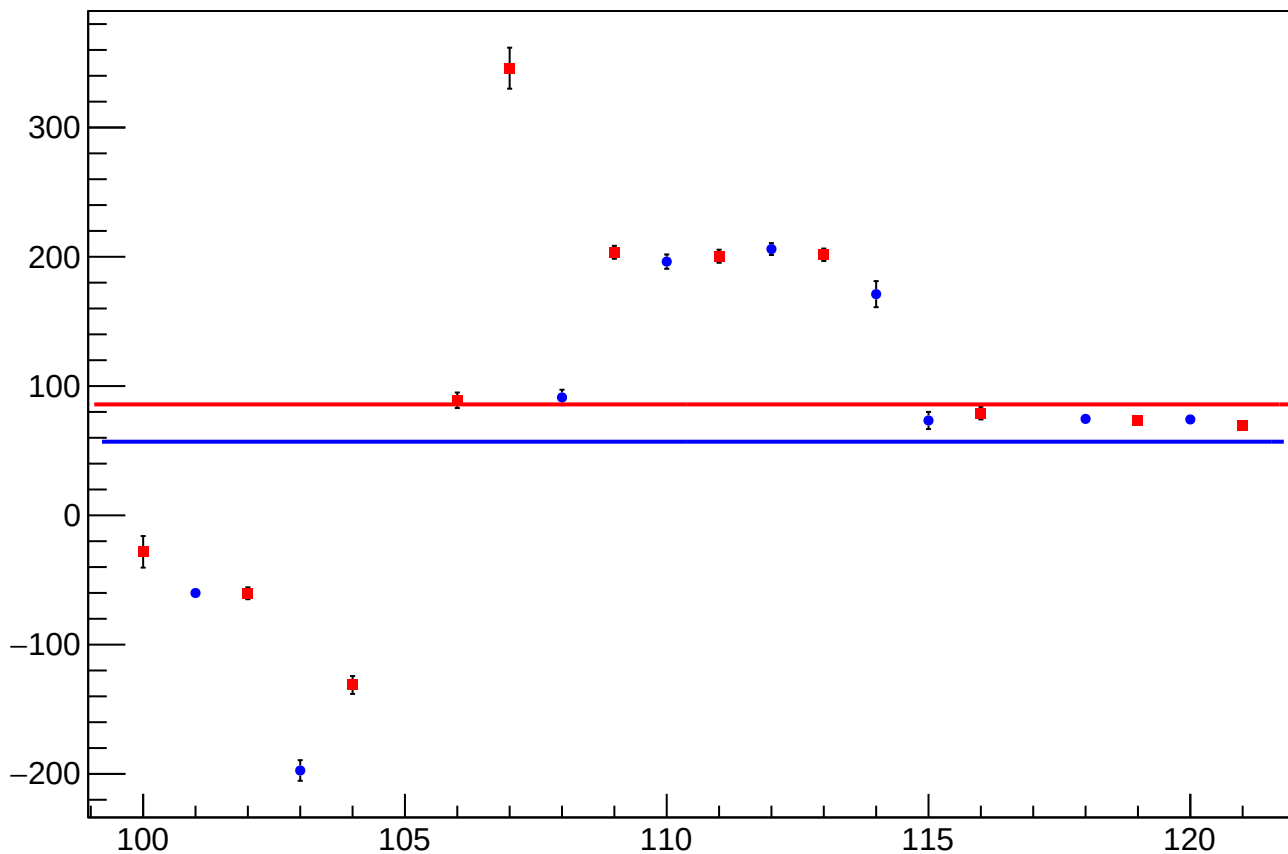
Right: 14.937+/-0.895 χ^2/NDF : 445.2/19

In: 13.426+/-1.234 χ^2/NDF : 260.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.937+/-0.895 χ^2/NDF : 445.2/19

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 56.970+/-1.536 χ^2/NDF : 4412.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 85.806+/-1.460 χ^2/NDF : 4051.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

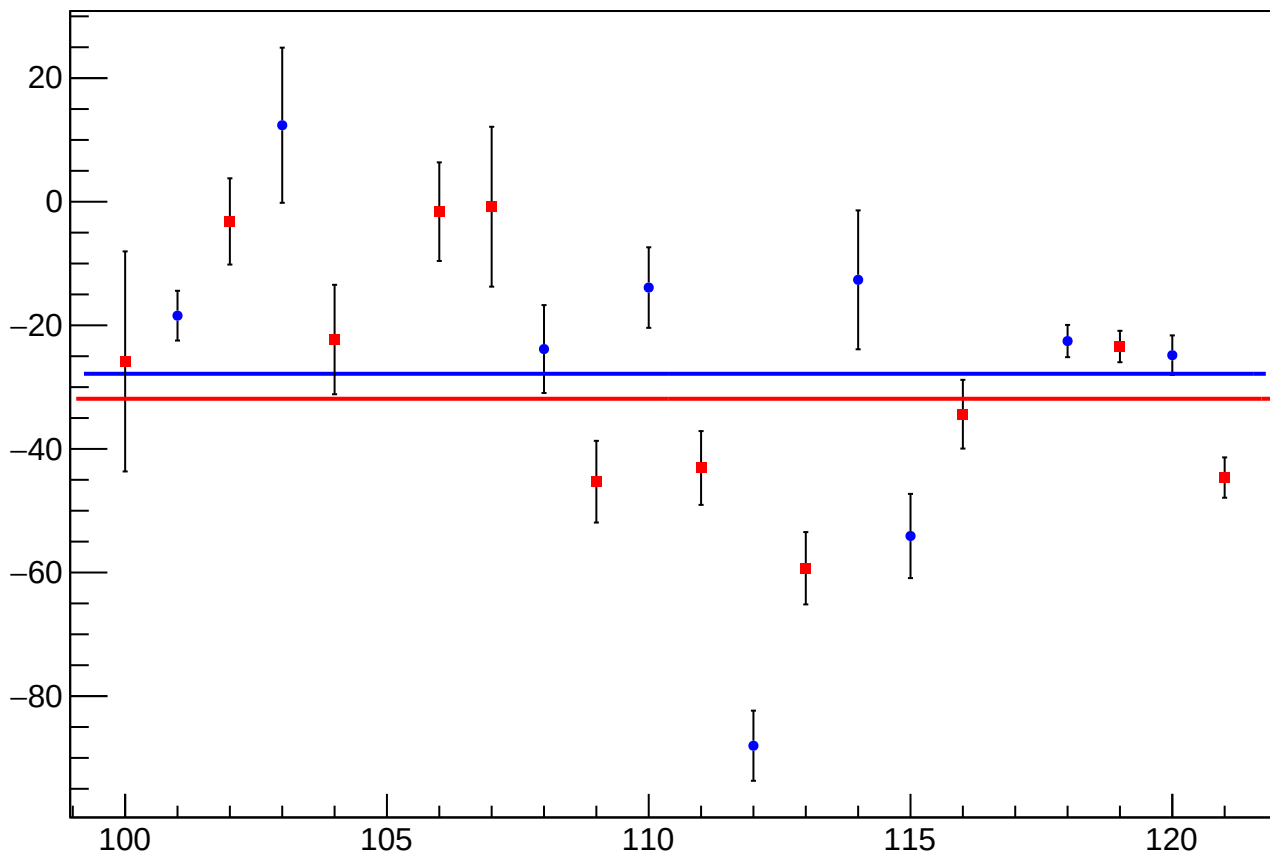
Right: 72.120+/-1.058 χ^2/NDF : 8649.5/19

In: 56.970+/-1.536 χ^2/NDF :4412.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.120+/-1.058 χ^2/NDF : 8649.5/19

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.839 ± 1.550 χ^2/NDF : 154.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.883 ± 1.545 χ^2/NDF : 94.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

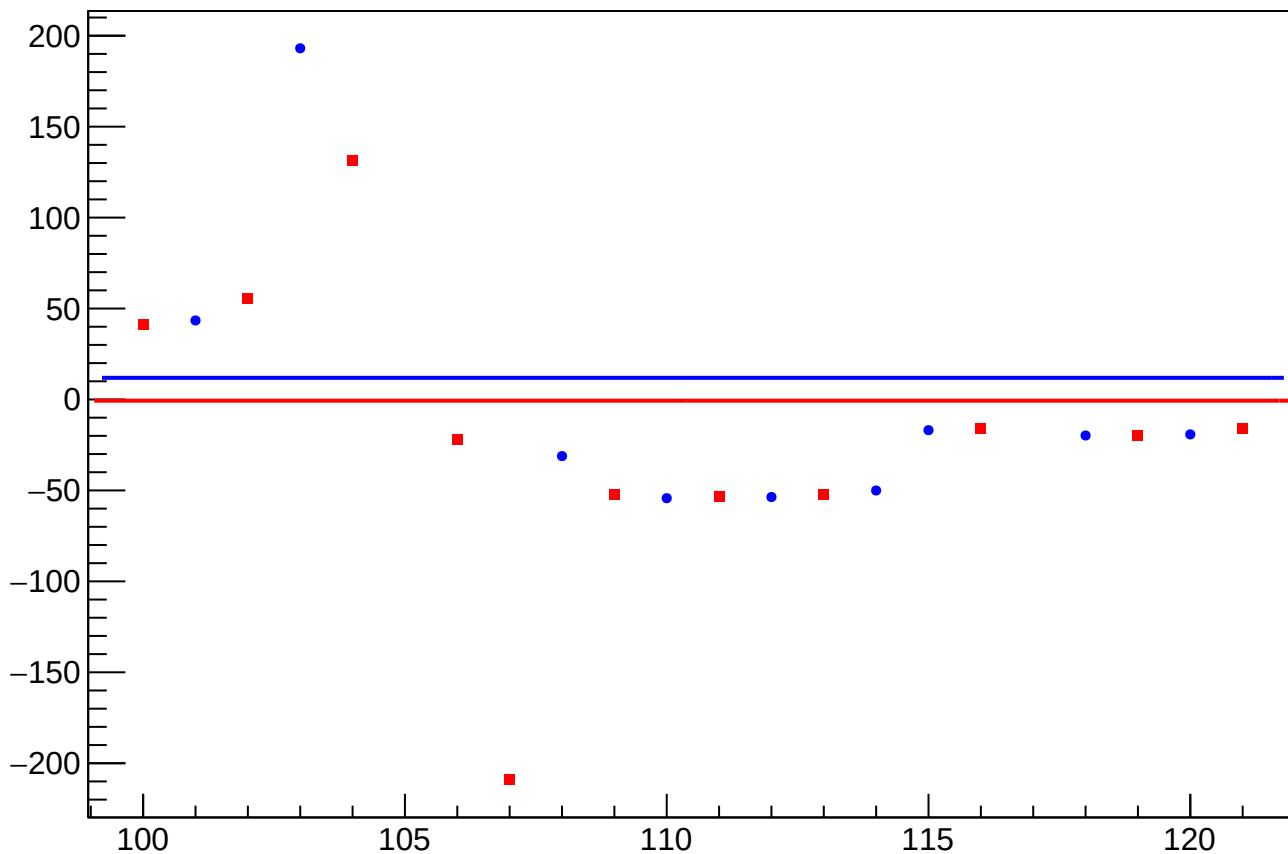
Right: -29.868 ± 1.094 χ^2/NDF : 252.7/19

In: -27.839 ± 1.550 χ^2/NDF : 154.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.868 ± 1.094 χ^2/NDF : 252.7/19

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.906+/-0.100 χ^2/NDF : 442043.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.655+/-0.095 χ^2/NDF : 414123.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

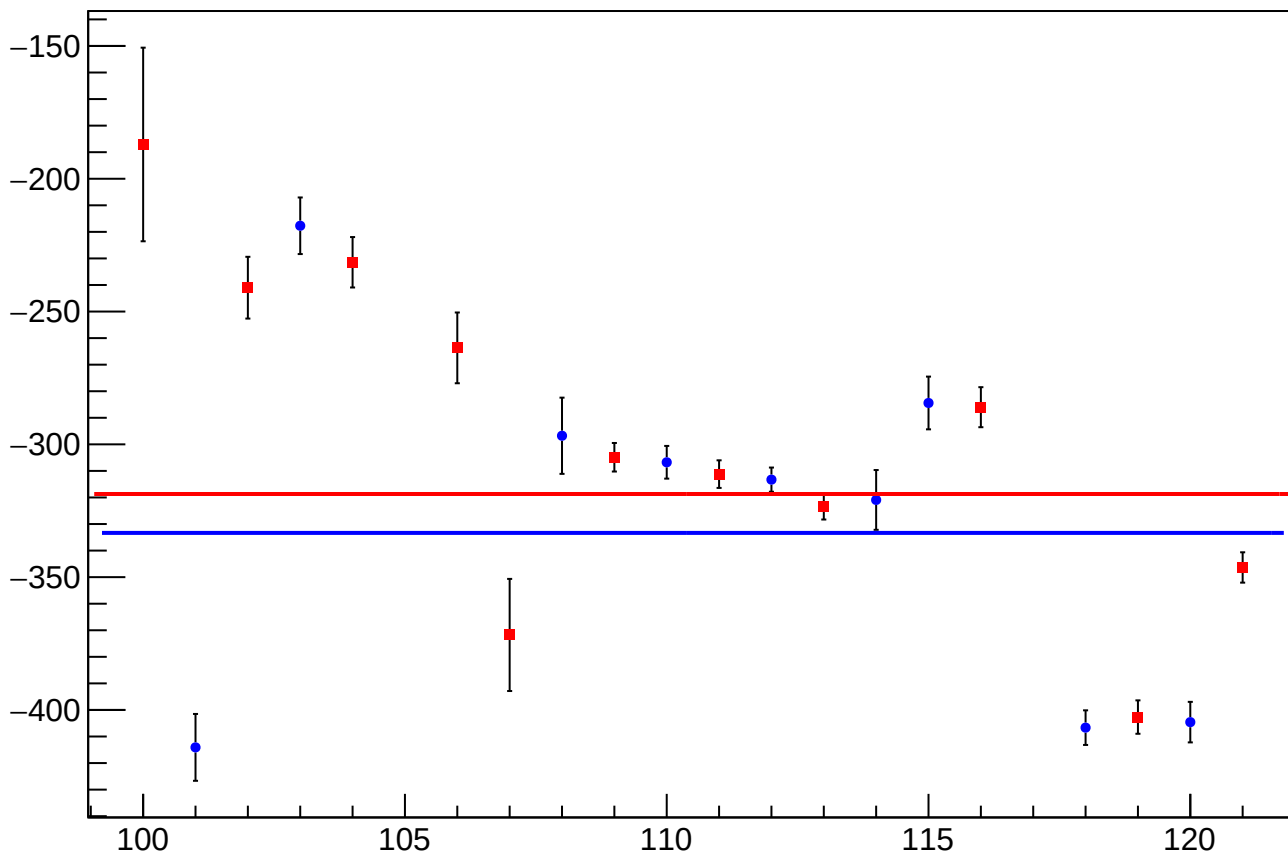
Right: 5.336+/-0.069 χ^2/NDF : 864469.5/19

In: 11.906+/-0.100 χ^2/NDF : 442043.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.336+/-0.069 χ^2/NDF : 864469.5/19

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -333.340+/-2.554 χ^2/NDF : 442.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -318.692+/-2.164 χ^2/NDF : 395.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

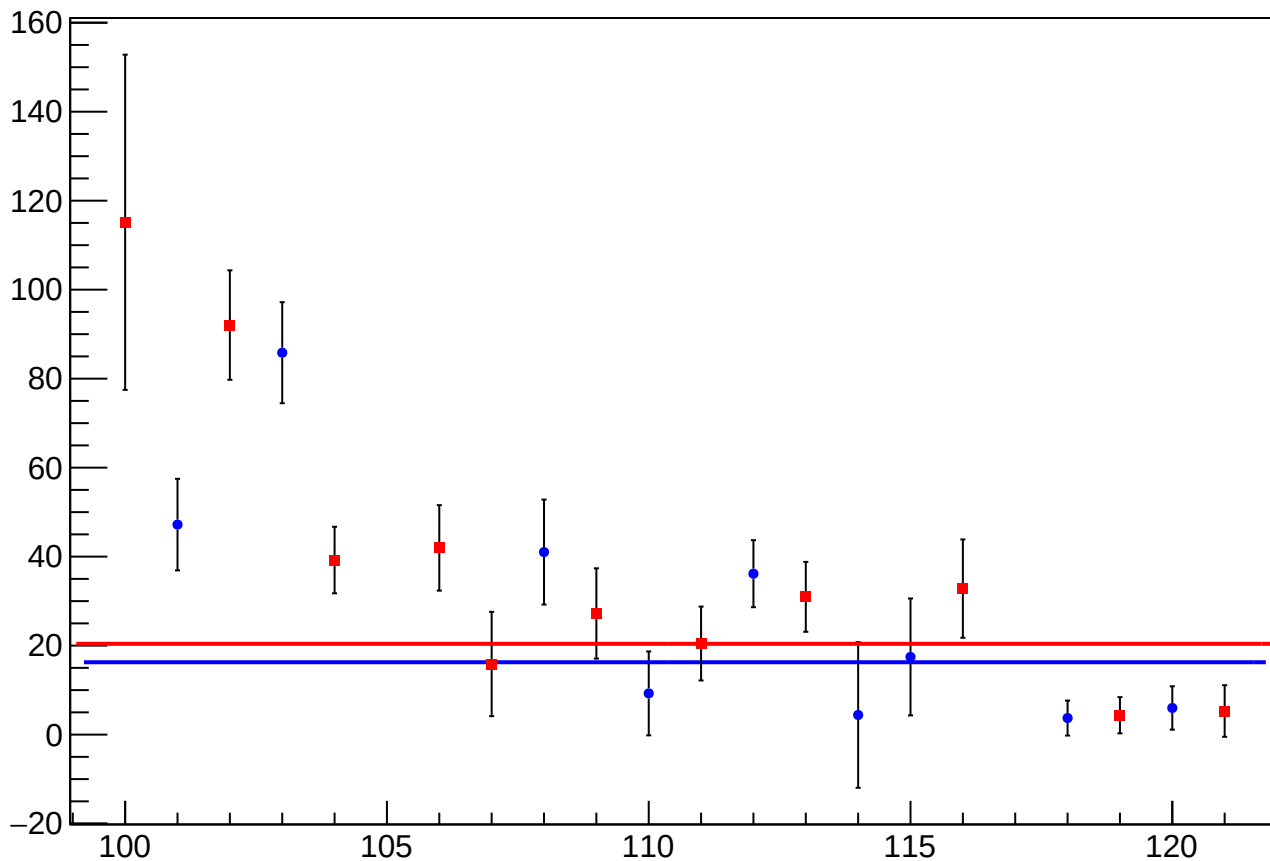
Right: -324.815+/-1.651 χ^2/NDF : 857.6/19

In: -333.340+/-2.554 χ^2/NDF : 442.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.815+/-1.651 χ^2/NDF : 857.6/19

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.264+/-2.429 χ^2/NDF : 73.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.406+/-2.344 χ^2/NDF : 77.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

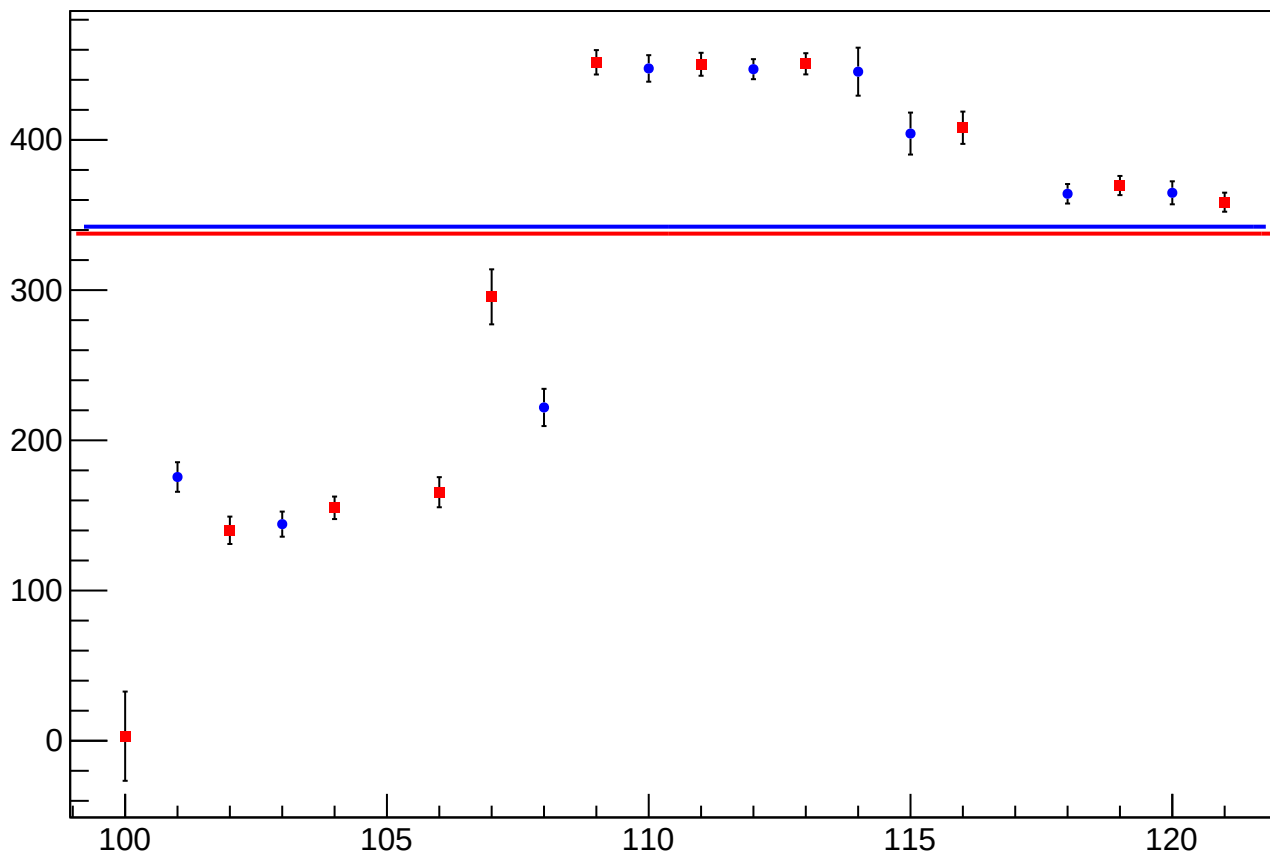
Right: 18.408+/-1.687 χ^2/NDF : 152.8/19

In: 16.264+/-2.429 χ^2/NDF : 73.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-1.687 χ^2/NDF : 152.8/19

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 342.241+/-2.932 χ^2/NDF : 1413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.605+/-2.544 χ^2/NDF : 2241.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

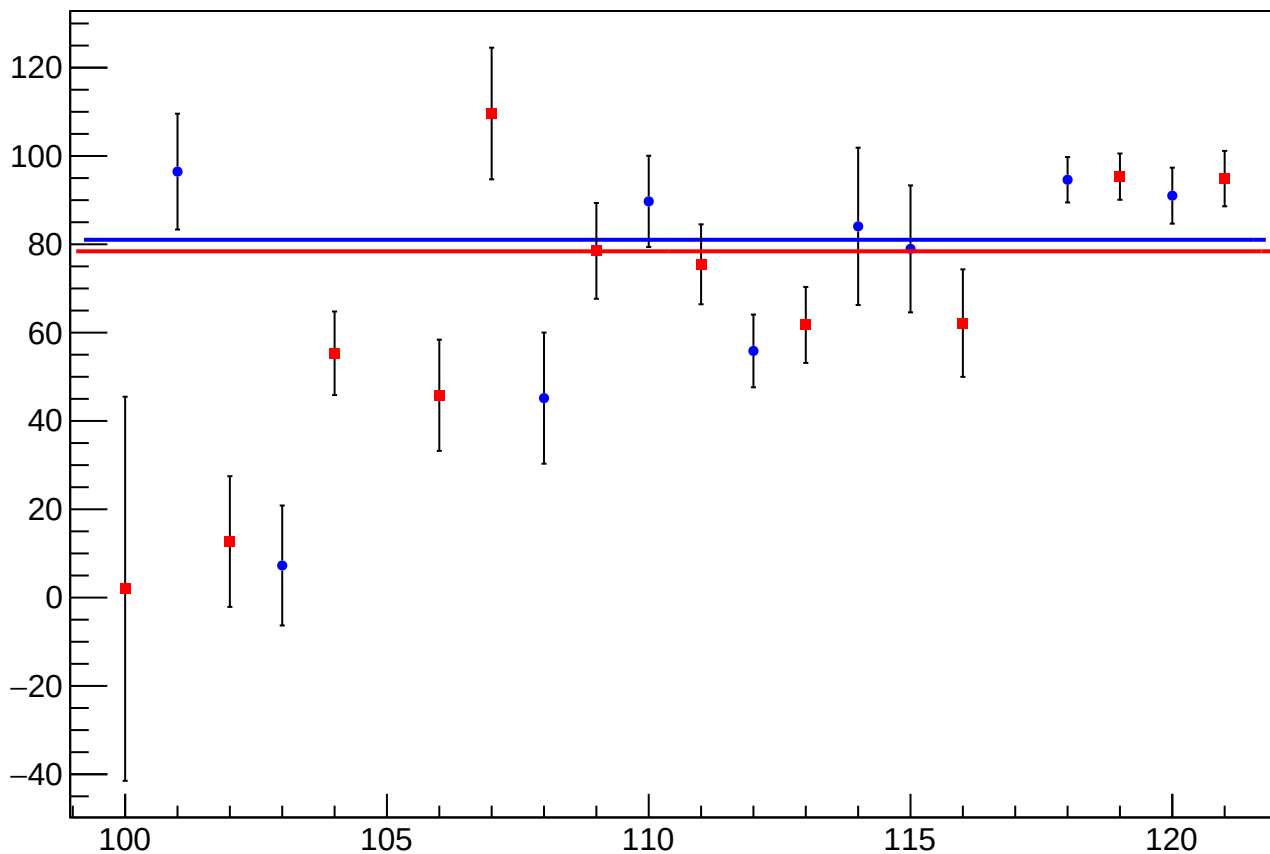
Right: 339.596+/-1.922 χ^2/NDF : 3656.4/19

In: 342.241+/-2.932 χ^2/NDF : 1413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.596+/-1.922 χ^2/NDF : 3656.4/19

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 81.027 $\pm$ 3.006 χ^2 /NDF: 56.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.419 $\pm$ 2.775 χ^2 /NDF: 62.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

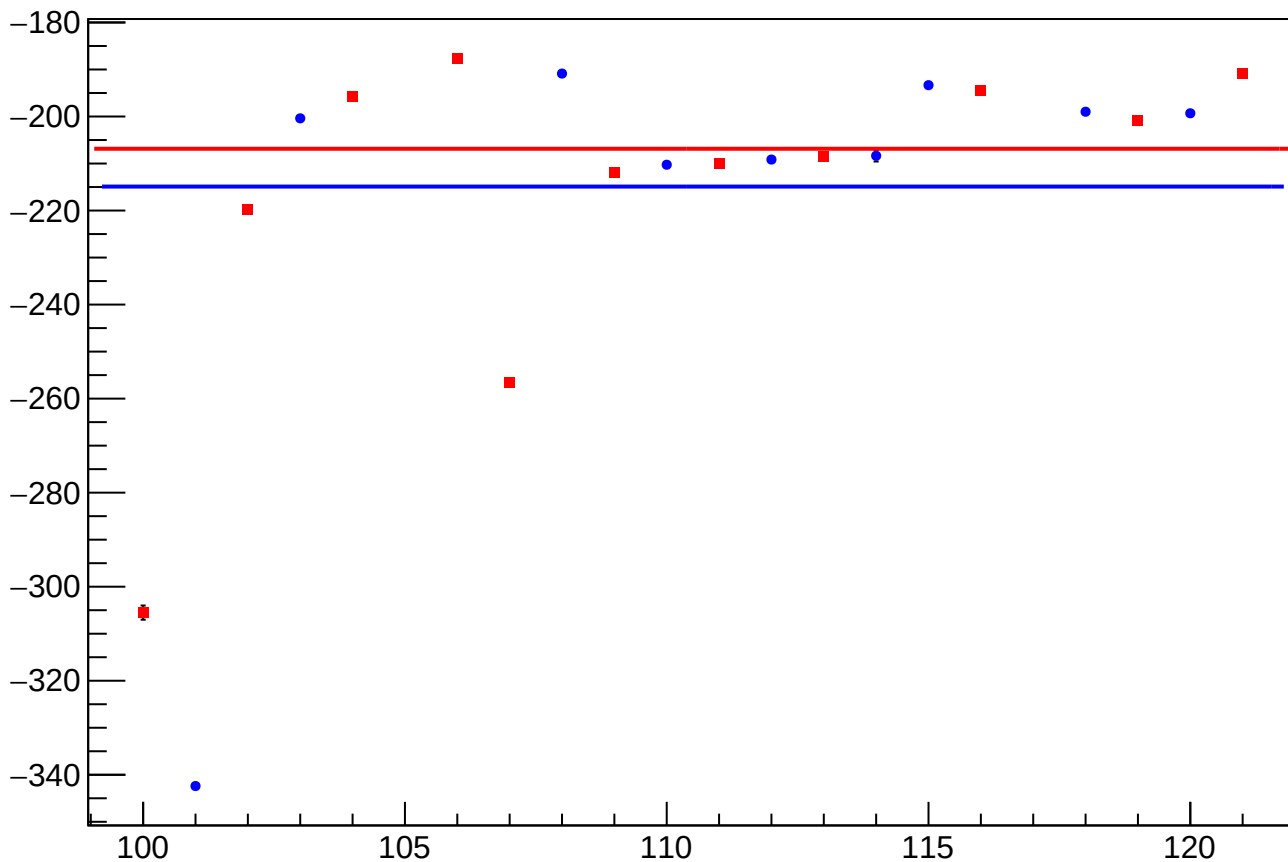
Right: 79.619 $\pm$ 2.039 χ^2 /NDF: 119.5/19

In: 81.027 $\pm$ 3.006 χ^2 /NDF: 56.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.619 $\pm$ 2.039 χ^2 /NDF: 119.5/19

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -214.900+/-0.187 χ^2/NDF : 53151.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.858+/-0.163 χ^2/NDF : 13381.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

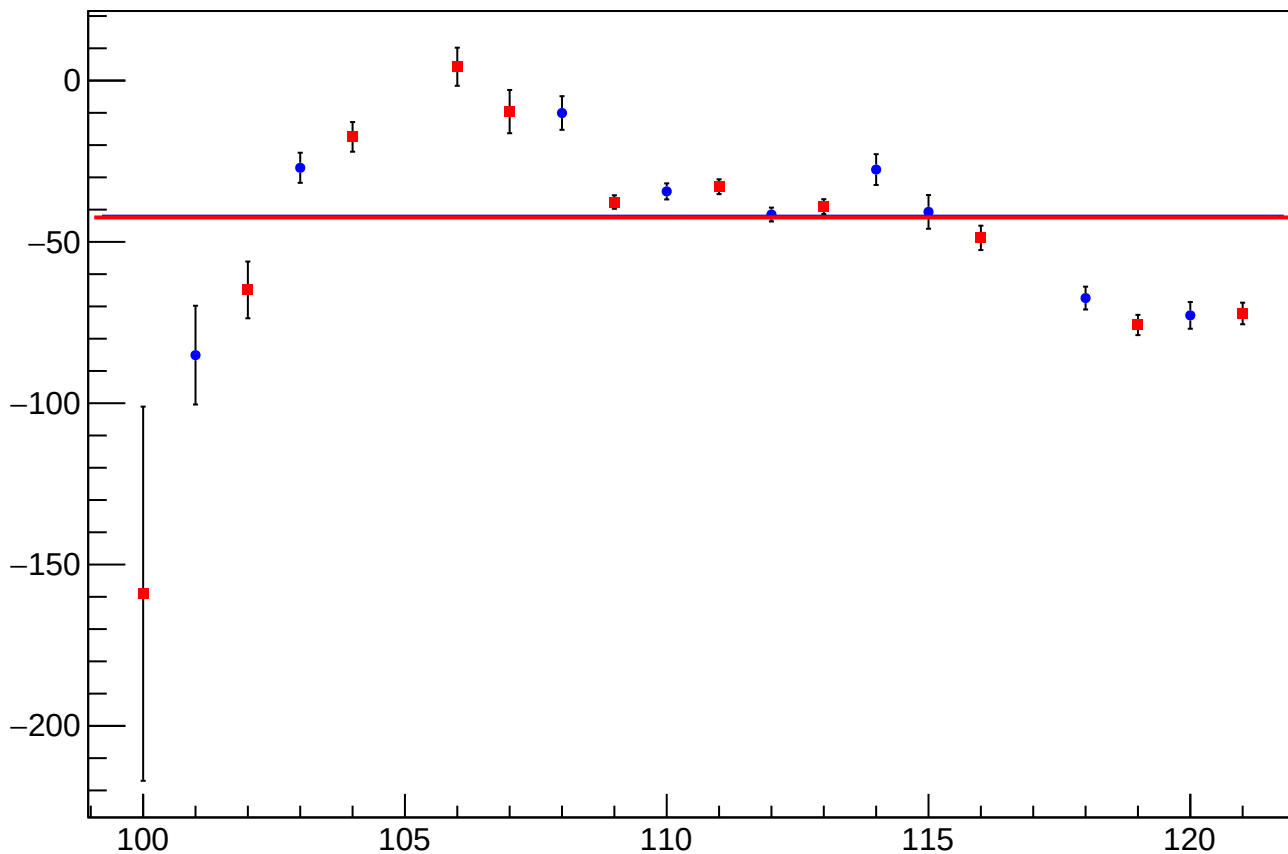
Right: -210.330+/-0.123 χ^2/NDF : 67583.7/19

In: -214.900+/-0.187 χ^2/NDF : 53151.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.330+/-0.123 χ^2/NDF : 67583.7/19

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.177 ± 1.209 $\chi^2/\text{NDF}: 181.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.424 ± 1.010 $\chi^2/\text{NDF}: 345.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

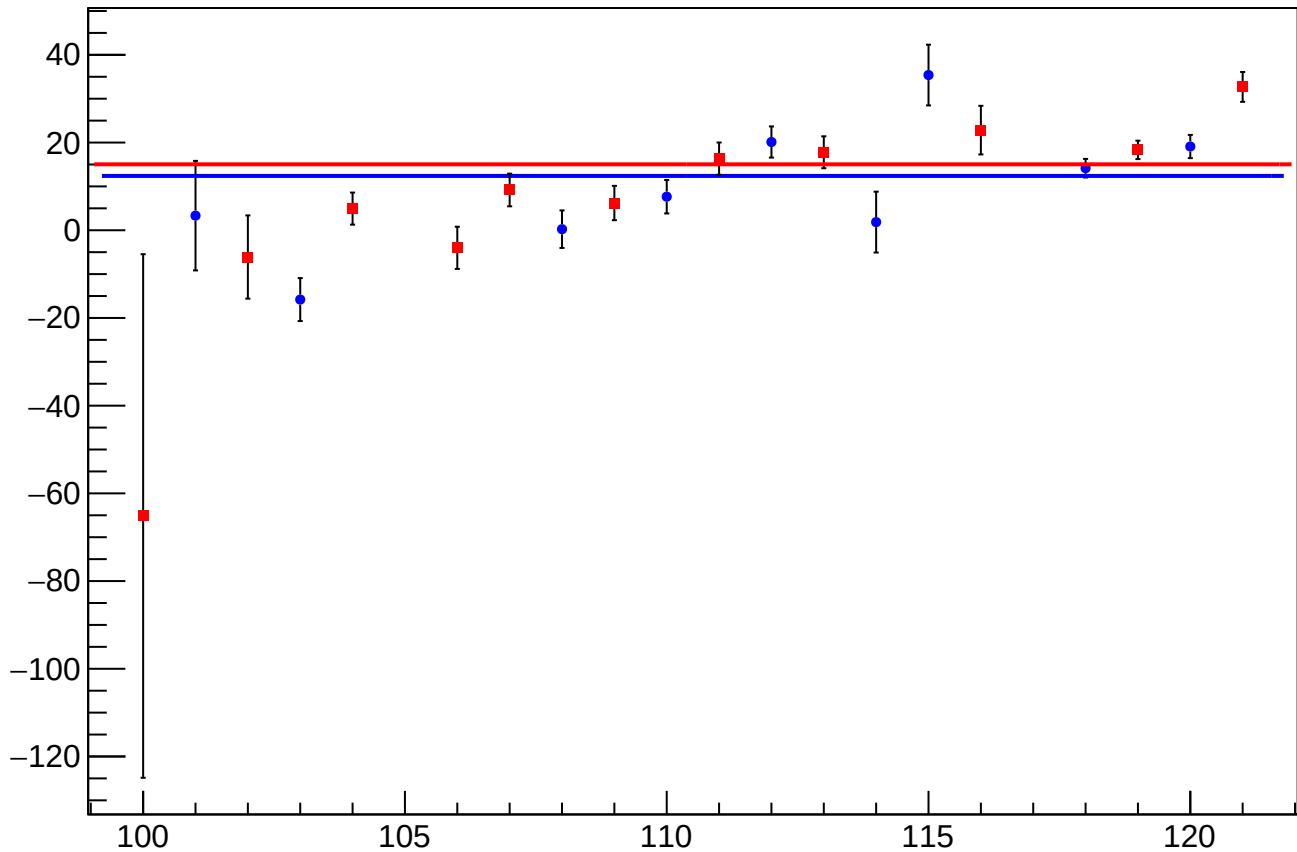
Right: -42.322 ± 0.775 $\chi^2/\text{NDF}: 526.2/19$

In: -42.177 ± 1.209 $\chi^2/\text{NDF}: 181.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -42.322 ± 0.775 $\chi^2/\text{NDF}: 526.2/19$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.389+/-1.234 χ^2/NDF : 68.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.035+/-1.145 χ^2/NDF : 69.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

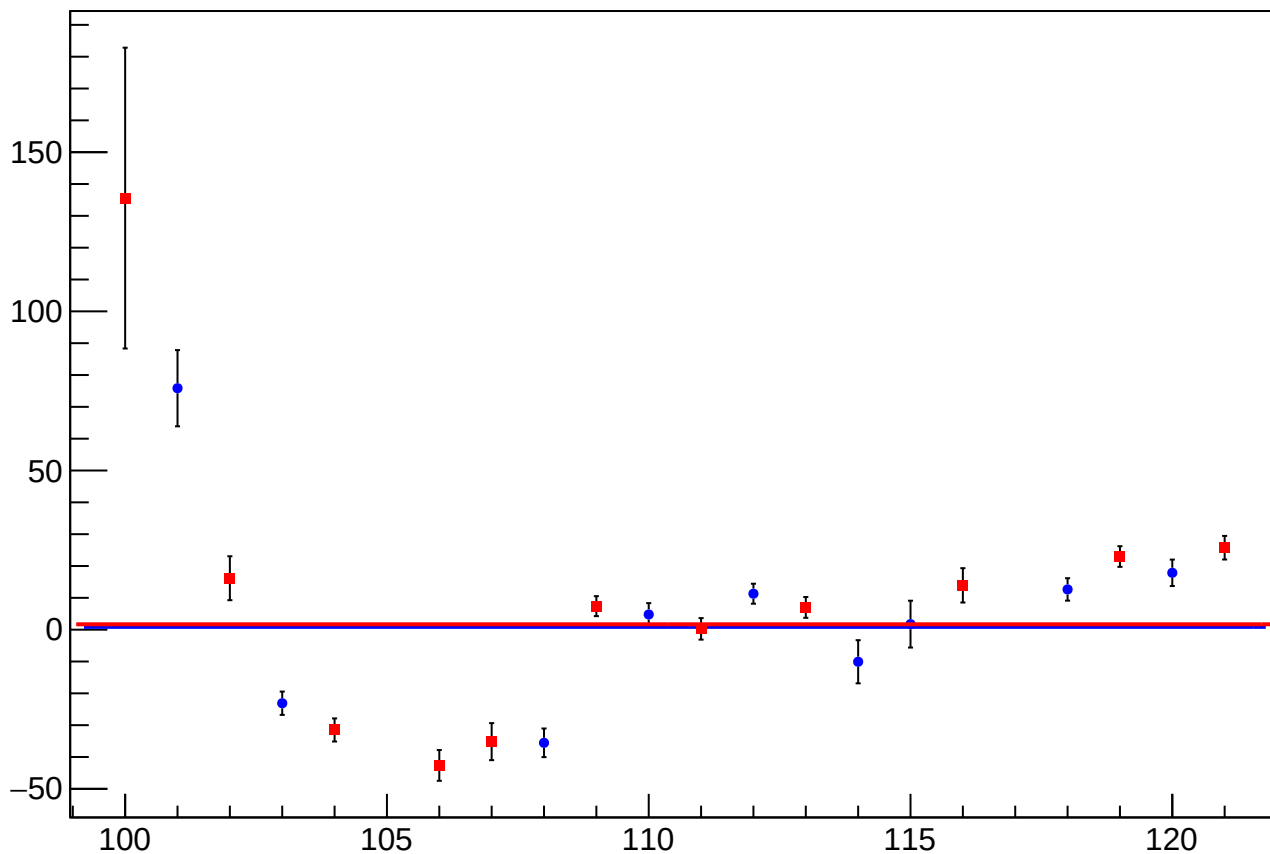
Right: 13.811+/-0.839 χ^2/NDF : 140.6/19

In: 12.389+/-1.234 χ^2/NDF : 68.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.811+/-0.839 χ^2/NDF : 140.6/19

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.894+/-1.430 χ^2/NDF : 190.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.691+/-1.236 χ^2/NDF : 316.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

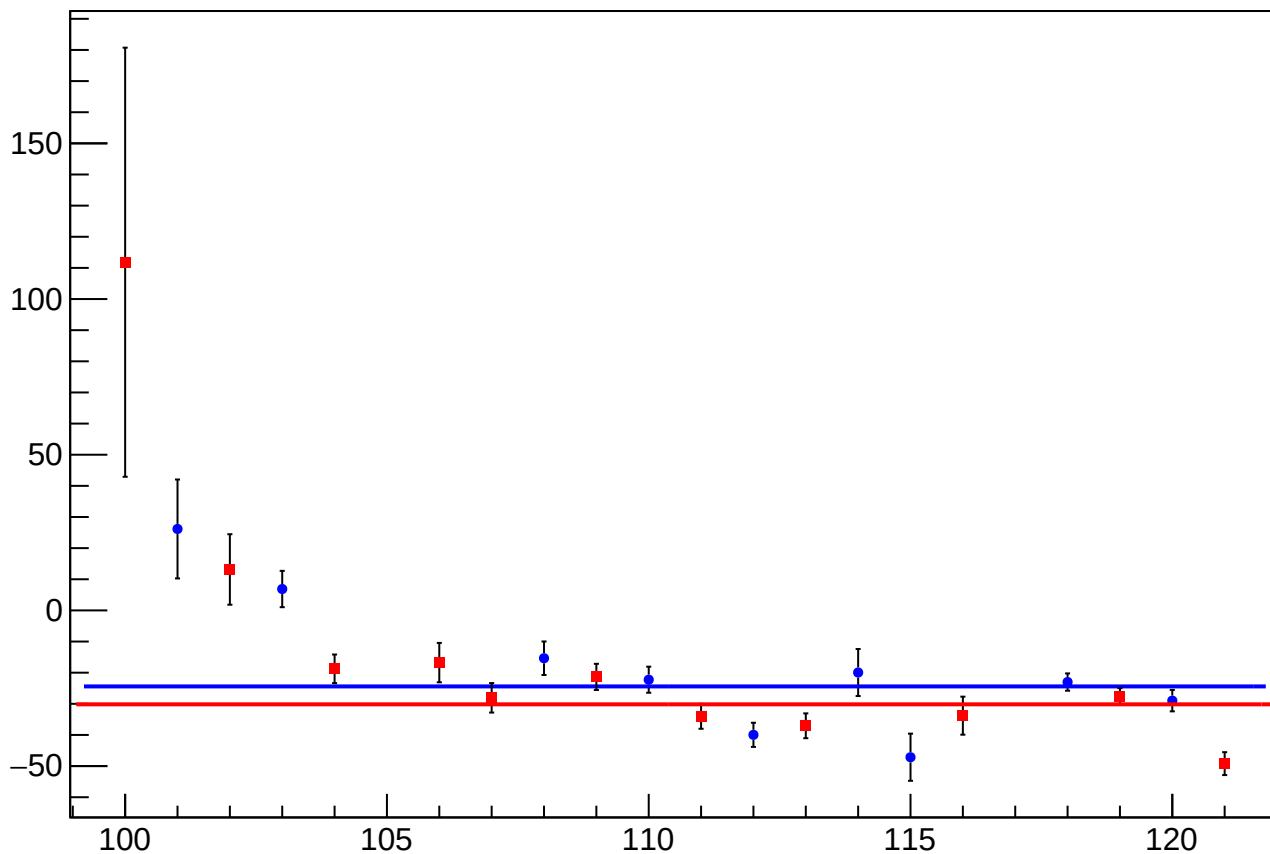
Right: 1.350+/-0.935 χ^2/NDF : 507.4/19

In: 0.894+/-1.430 χ^2/NDF : 190.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.350+/-0.935 χ^2/NDF : 507.4/19

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.412 $\pm$ 1.506 χ^2 /NDF: 69.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.166 $\pm$ 1.353 χ^2 /NDF: 66.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

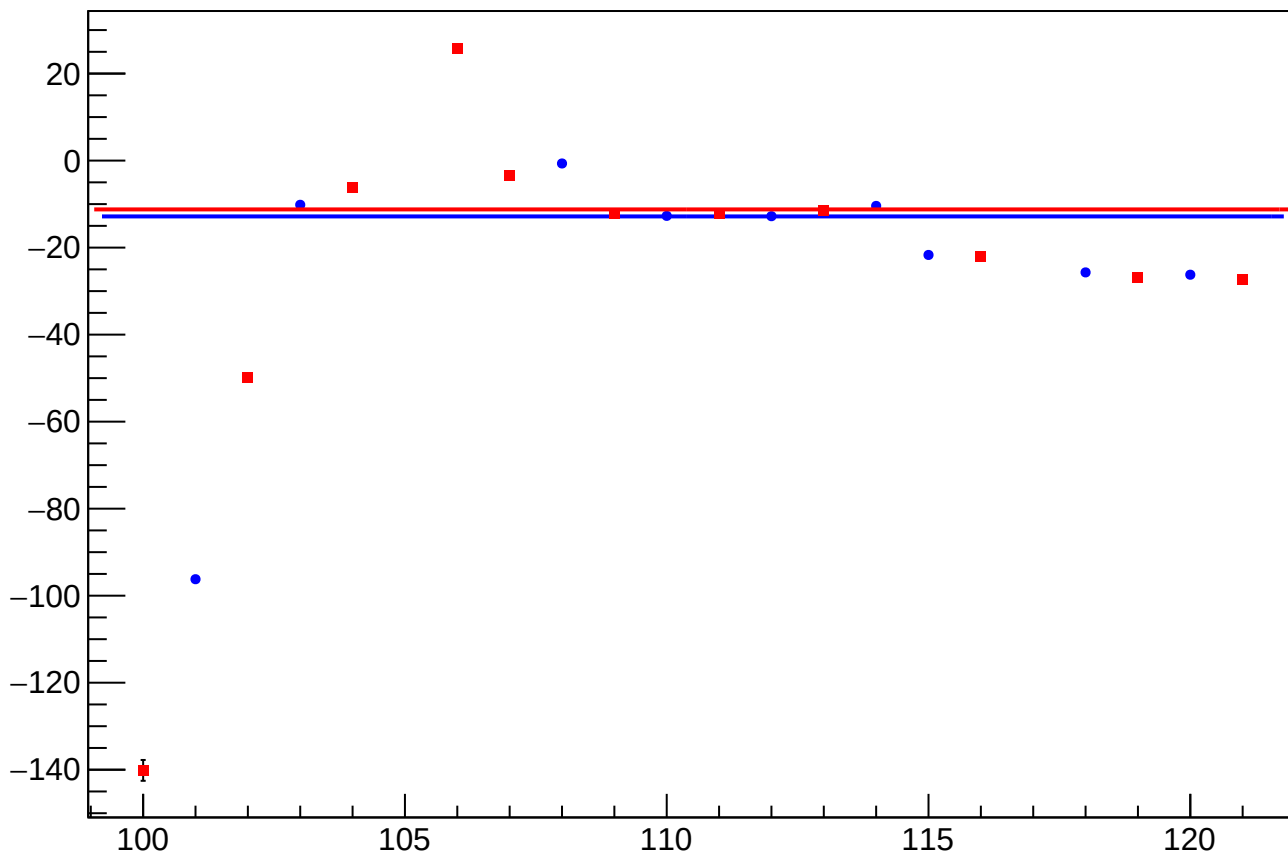
Right: -27.596 $\pm$ 1.007 χ^2 /NDF: 143.5/19

In: -24.412 $\pm$ 1.506 χ^2 /NDF:69.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.596 $\pm$ 1.007 χ^2 /NDF: 143.5/19

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.831+/-0.087 χ^2/NDF : 22694.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.220+/-0.078 χ^2/NDF : 54429.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

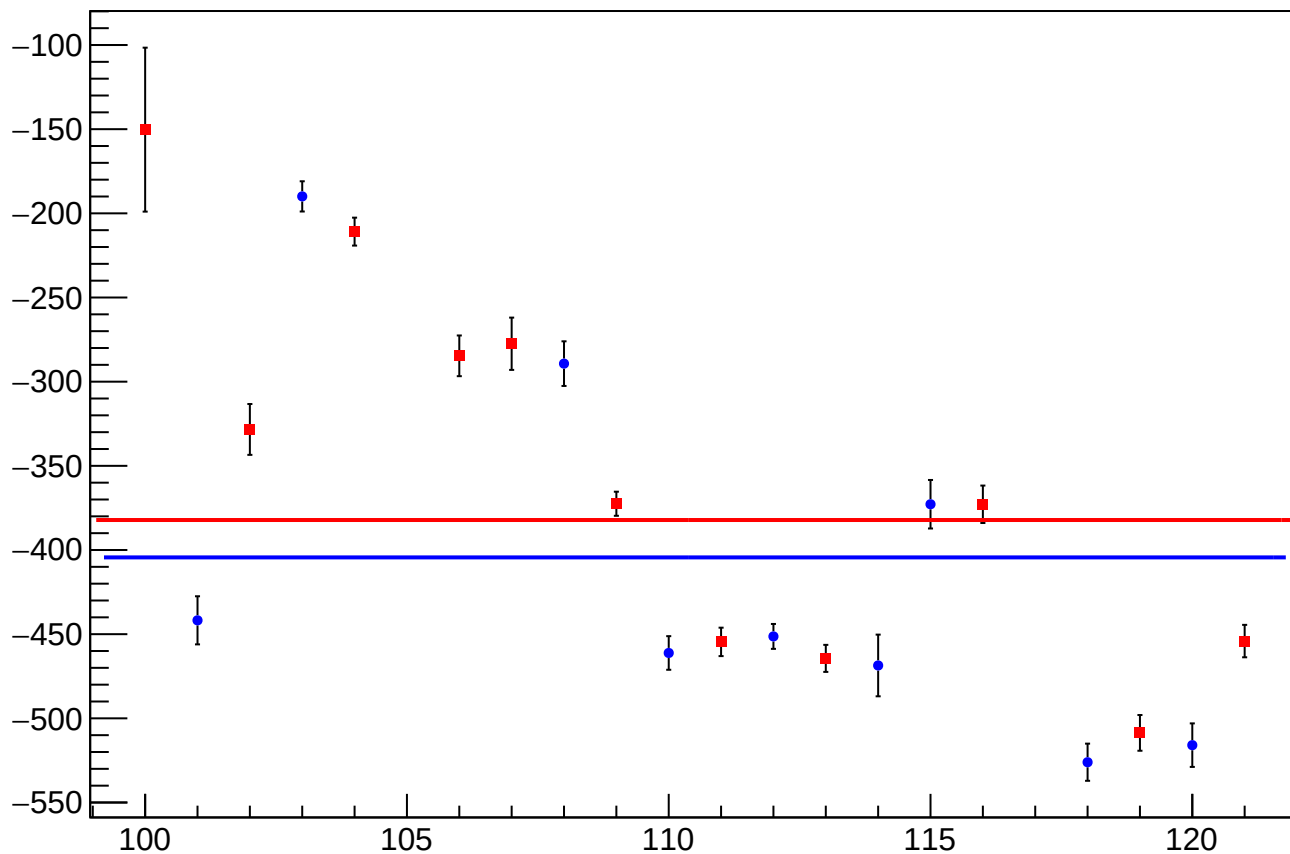
Right: -11.939+/-0.058 χ^2/NDF : 77313.6/19

In: -12.831+/-0.087 χ^2/NDF : 22694.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.939+/-0.058 χ^2/NDF : 77313.6/19

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -404.392+/-3.694 χ^2/NDF : 938.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -382.185+/-3.055 χ^2/NDF : 950.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

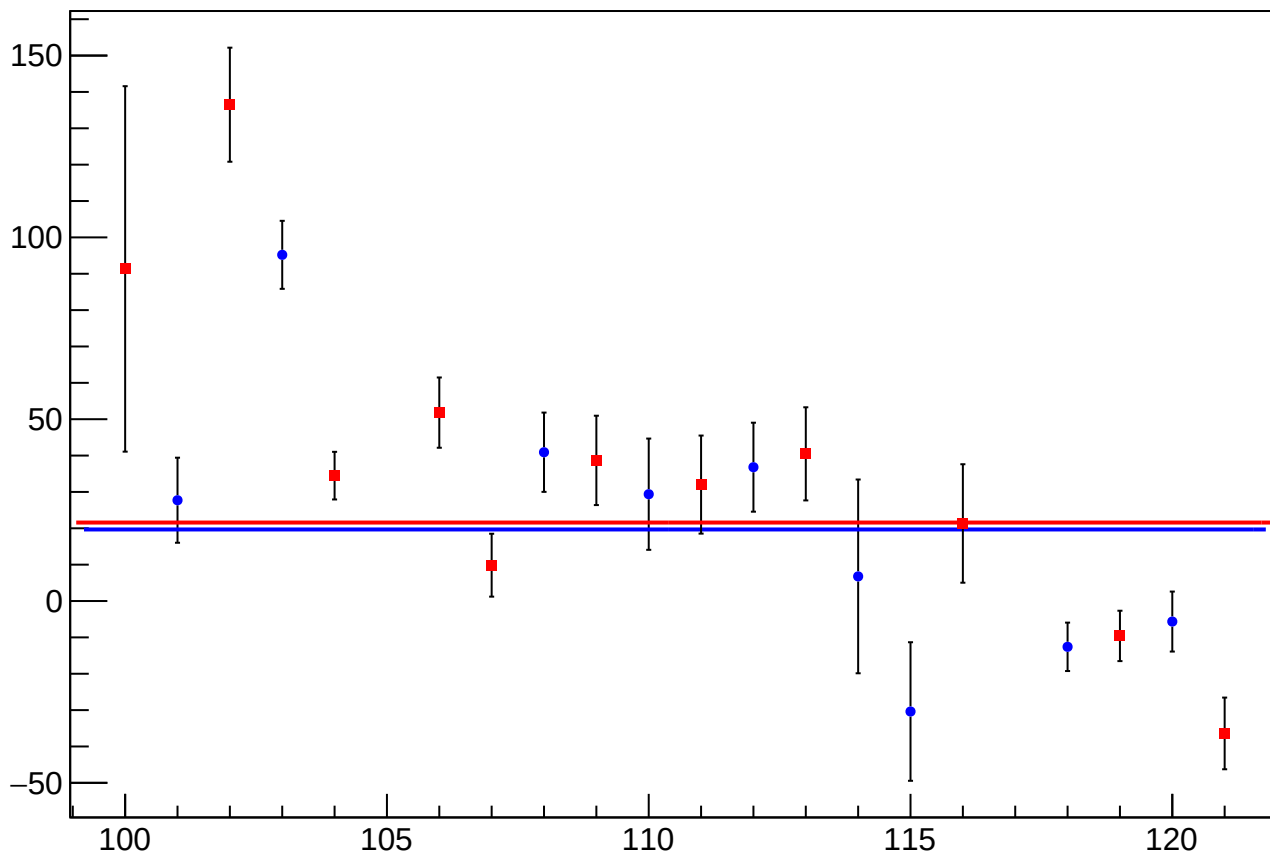
Right: -391.206+/-2.354 χ^2/NDF : 1910.9/19

In: -404.392+/-3.694 χ^2/NDF :938.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -391.206+/-2.354 χ^2/NDF : 1910.9/19

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.678+/-3.546 χ^2/NDF : 111.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.581+/-3.086 χ^2/NDF : 130.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

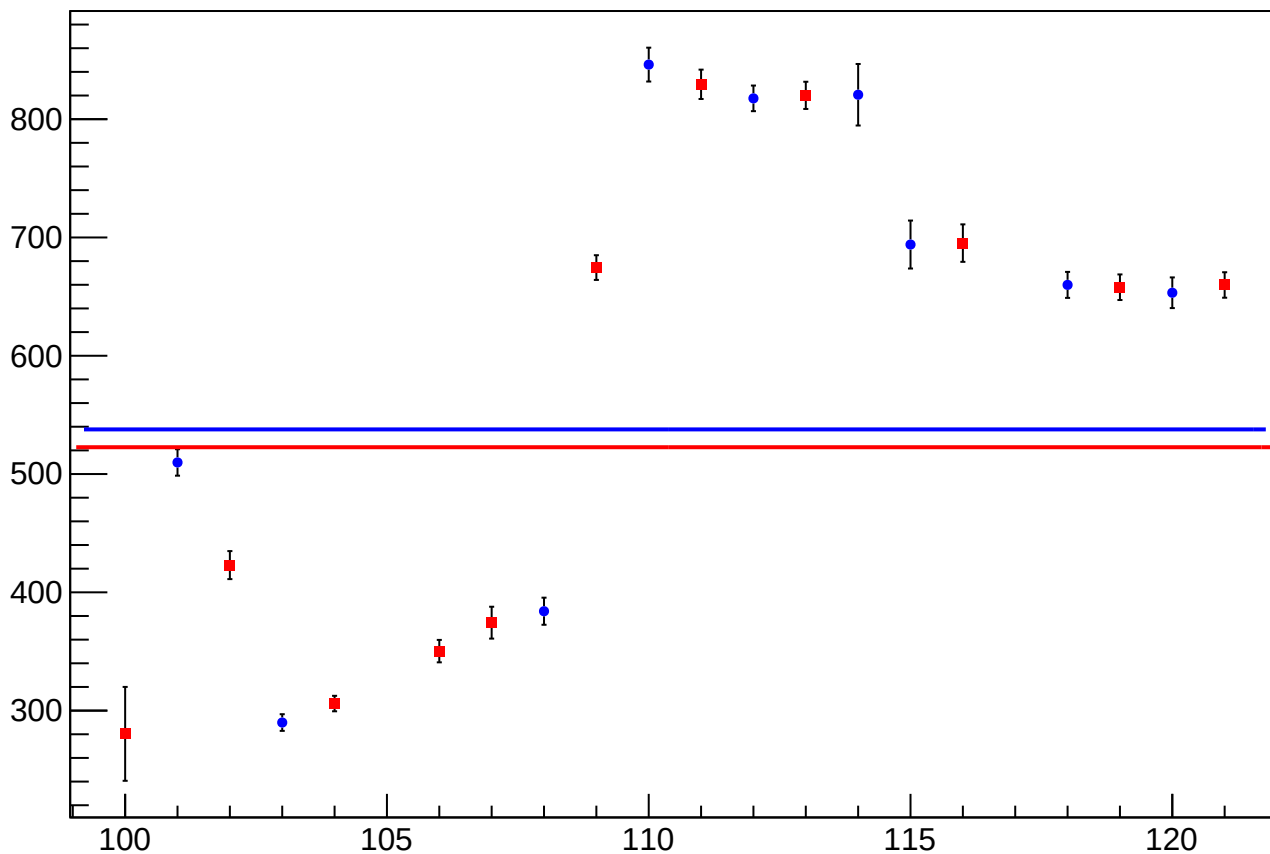
Right: 20.761+/-2.328 χ^2/NDF : 242.8/19

In: 19.678+/-3.546 χ^2/NDF : 111.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.761+/-2.328 χ^2/NDF : 242.8/19

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 537.736+/-3.855 χ^2/NDF : 2936.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.672+/-3.295 χ^2/NDF : 3585.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

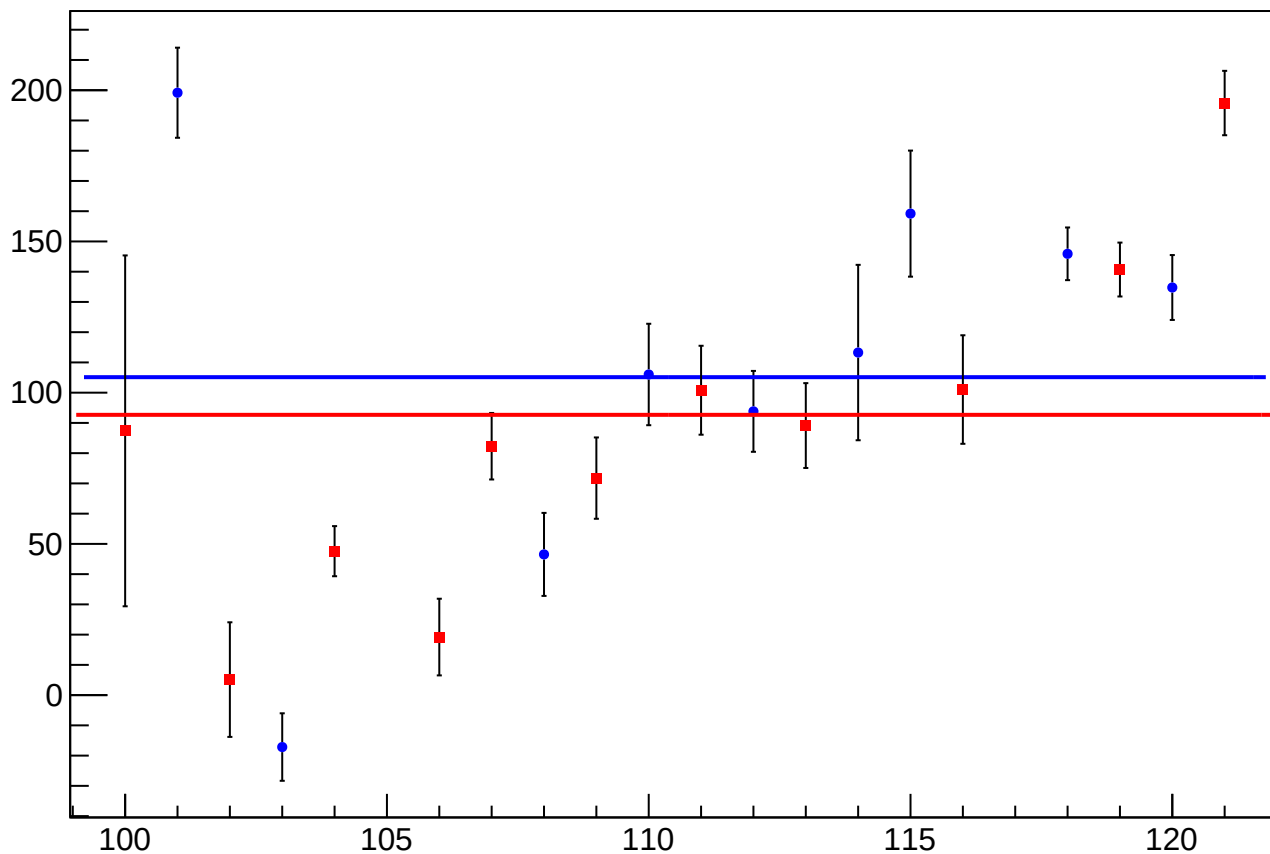
Right: 529.031+/-2.504 χ^2/NDF : 6530.6/19

In: 537.736+/-3.855 χ^2/NDF : 2936.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.031+/-2.504 χ^2/NDF : 6530.6/19

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 105.125+/-4.370 χ^2/NDF : 215.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.672+/-3.729 χ^2/NDF : 211.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

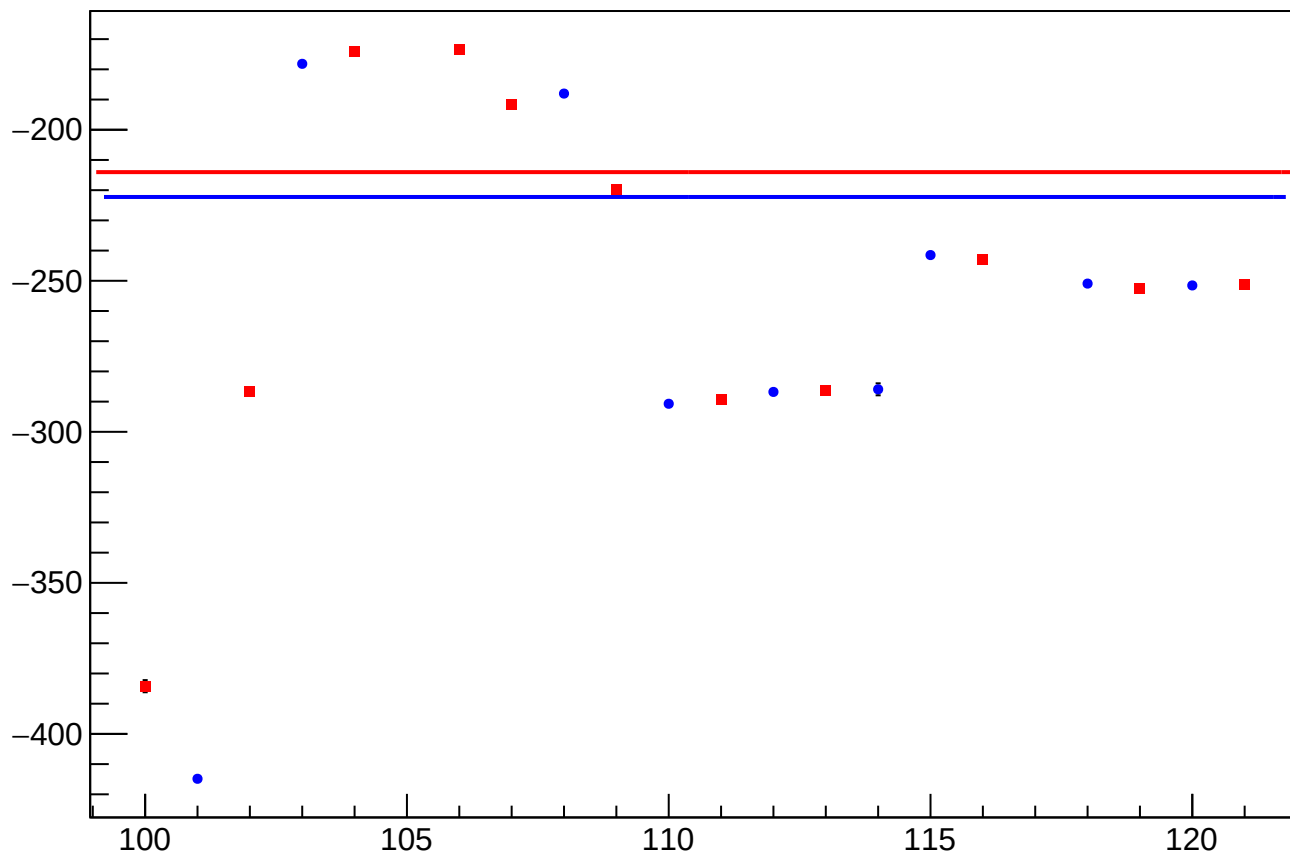
Right: 97.919+/-2.837 χ^2/NDF : 431.4/19

In: 105.125+/-4.370 χ^2/NDF : 215.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.919+/-2.837 χ^2/NDF : 431.4/19

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -222.253+/-0.207 χ^2/NDF : 123165.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -214.026+/-0.186 χ^2/NDF : 68169.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

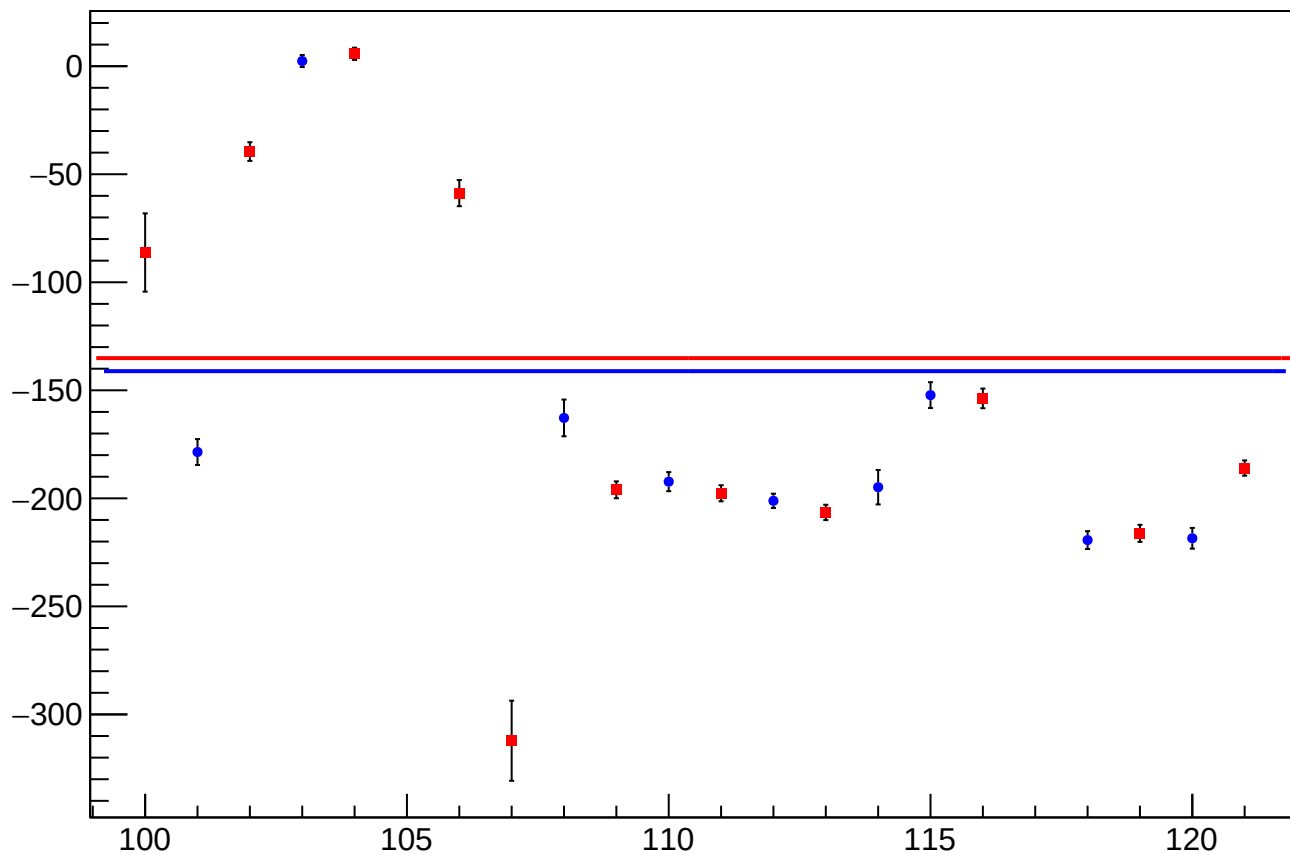
Right: -217.711+/-0.139 χ^2/NDF : 192206.5/19

In: -222.253+/-0.207 χ^2/NDF :123165.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -217.711+/-0.139 χ^2/NDF : 192206.5/19

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -141.141+/-1.474 χ^2/NDF : 3844.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -135.107+/-1.270 χ^2/NDF : 4780.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

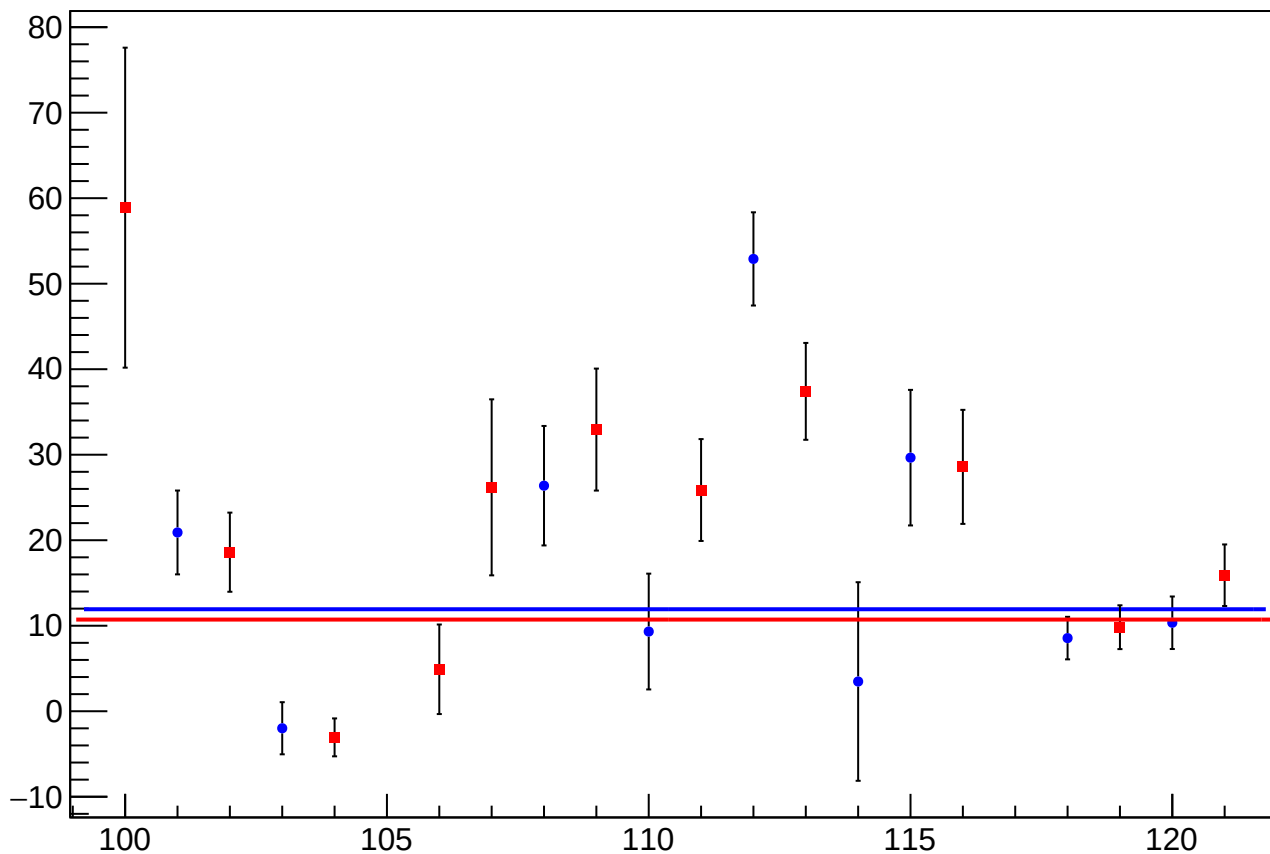
Right: -137.678+/-0.962 χ^2/NDF : 8634.5/19

In: -141.141+/-1.474 χ^2/NDF : 3844.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.678+/-0.962 χ^2/NDF : 8634.5/19

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.928+/-1.392 χ^2/NDF : 92.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.720+/-1.260 χ^2/NDF : 99.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

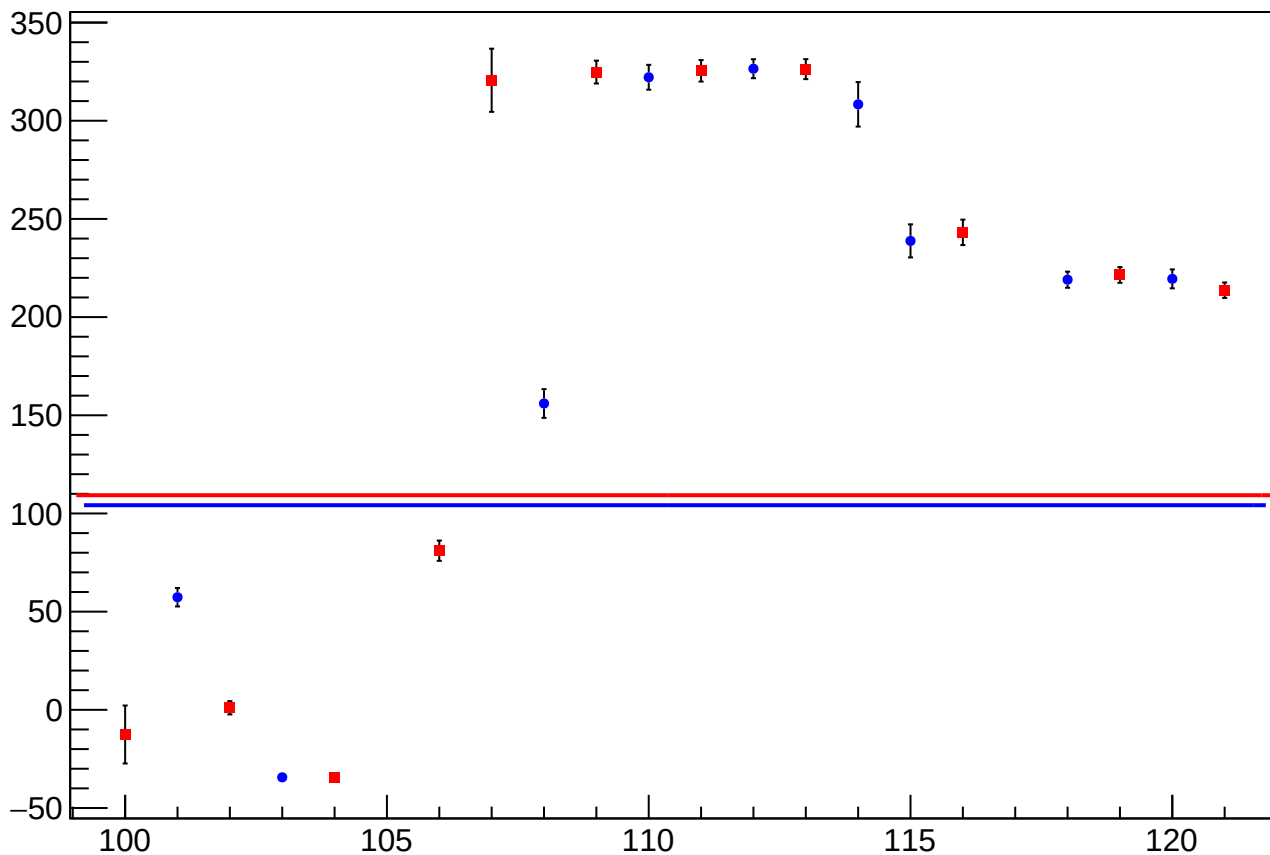
Right: 11.264+/-0.934 χ^2/NDF : 192.5/19

In: 11.928+/-1.392 χ^2/NDF : 92.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.264+/-0.934 χ^2/NDF : 192.5/19

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 104.207+/-1.465 χ^2/NDF : 9416.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.286+/-1.308 χ^2/NDF : 12068.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

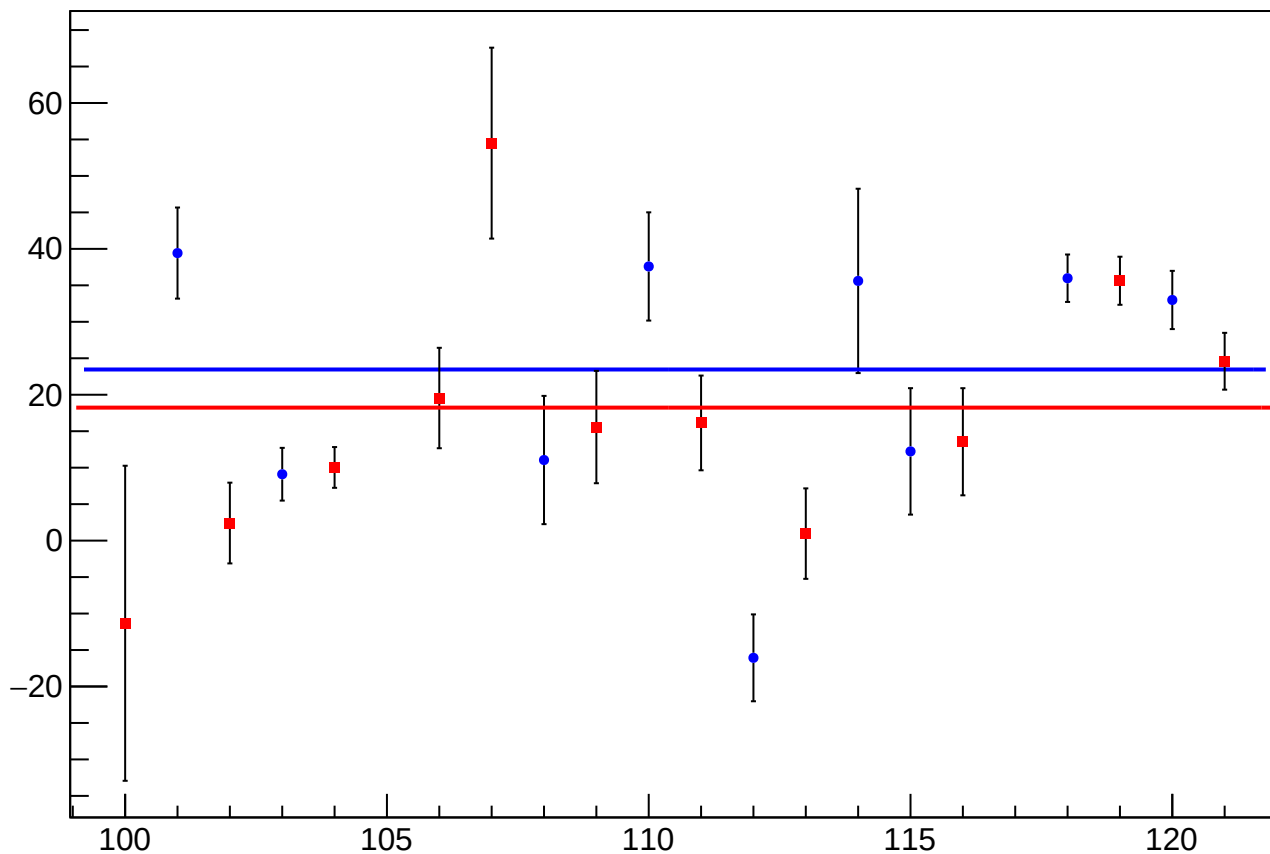
Right: 107.034+/-0.976 χ^2/NDF : 21491.3/19

In: 104.207+/-1.465 χ^2/NDF : 9416.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.034+/-0.976 χ^2/NDF : 21491.3/19

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.461+/-1.719 χ^2/NDF : 95.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.234+/-1.520 χ^2/NDF : 65.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

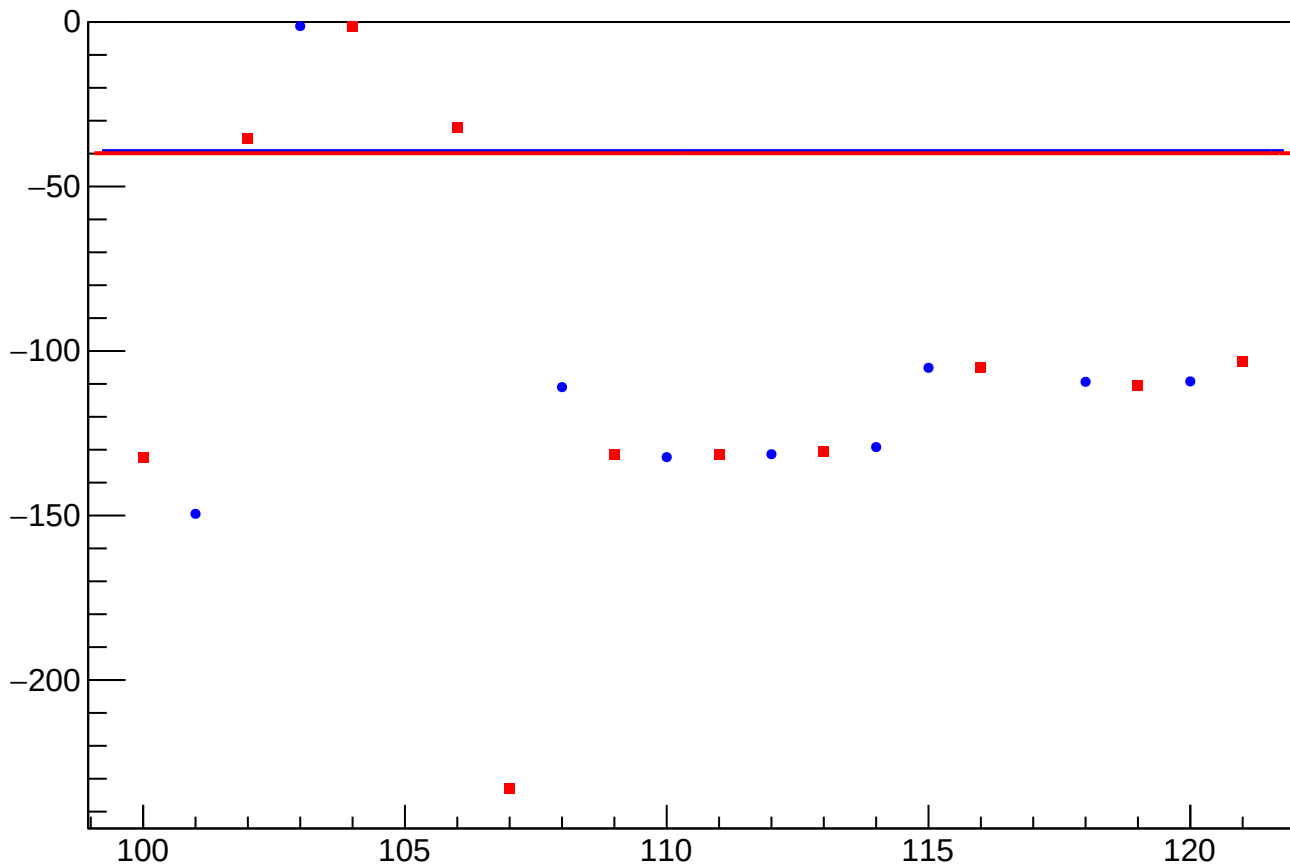
Right: 20.527+/-1.139 χ^2/NDF : 165.5/19

In: 23.461+/-1.719 χ^2/NDF : 95.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.527+/-1.139 χ^2/NDF : 165.5/19

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.241 $\pm$ 0.075 χ^2 /NDF: 581209.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.877 $\pm$ 0.069 χ^2 /NDF: 491149.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

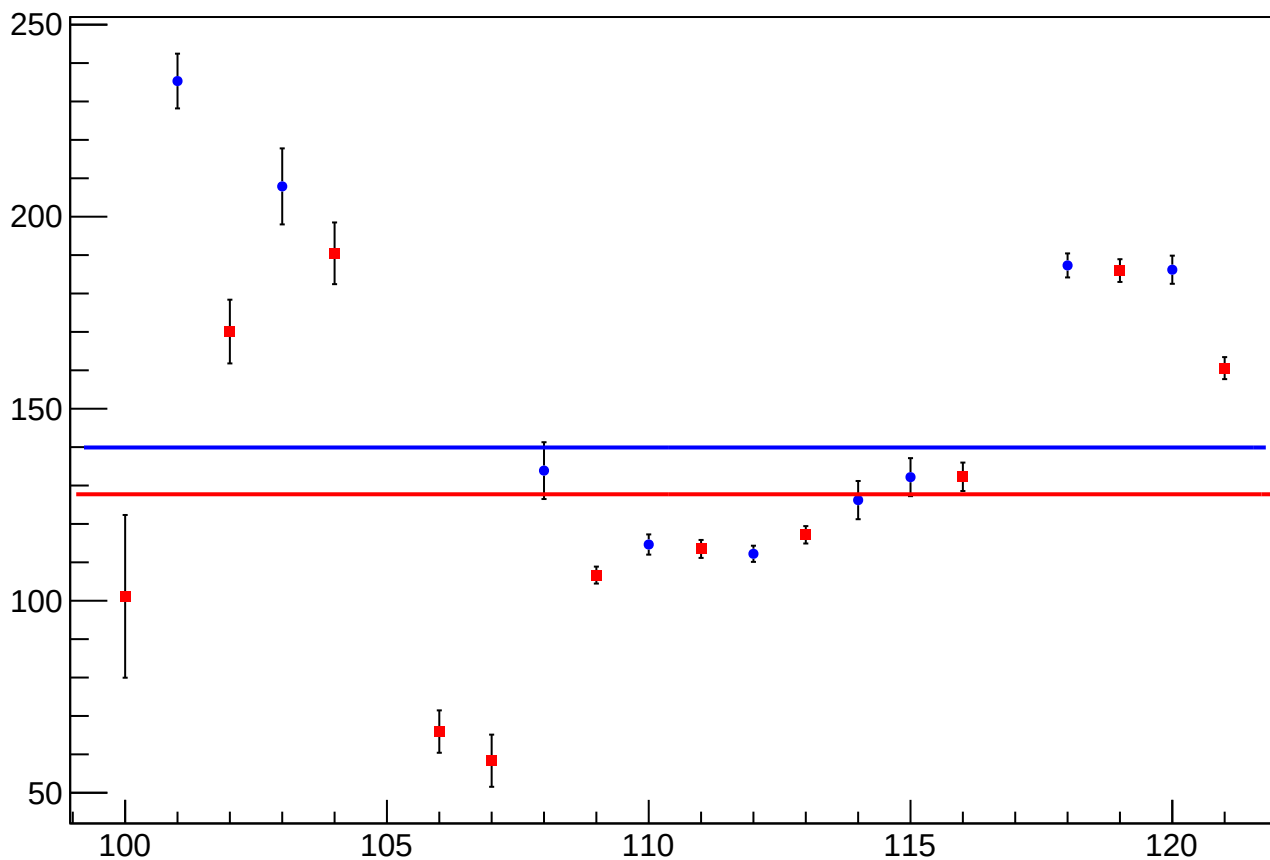
Right: -39.585 $\pm$ 0.051 χ^2 /NDF: 1072398.0/19

In: -39.241 $\pm$ 0.075 χ^2 /NDF:581209.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.585 $\pm$ 0.051 χ^2 /NDF: 1072398.0/19

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.907 $\pm$ 1.217 χ^2 /NDF: 890.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.722 $\pm$ 1.011 χ^2 /NDF: 988.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

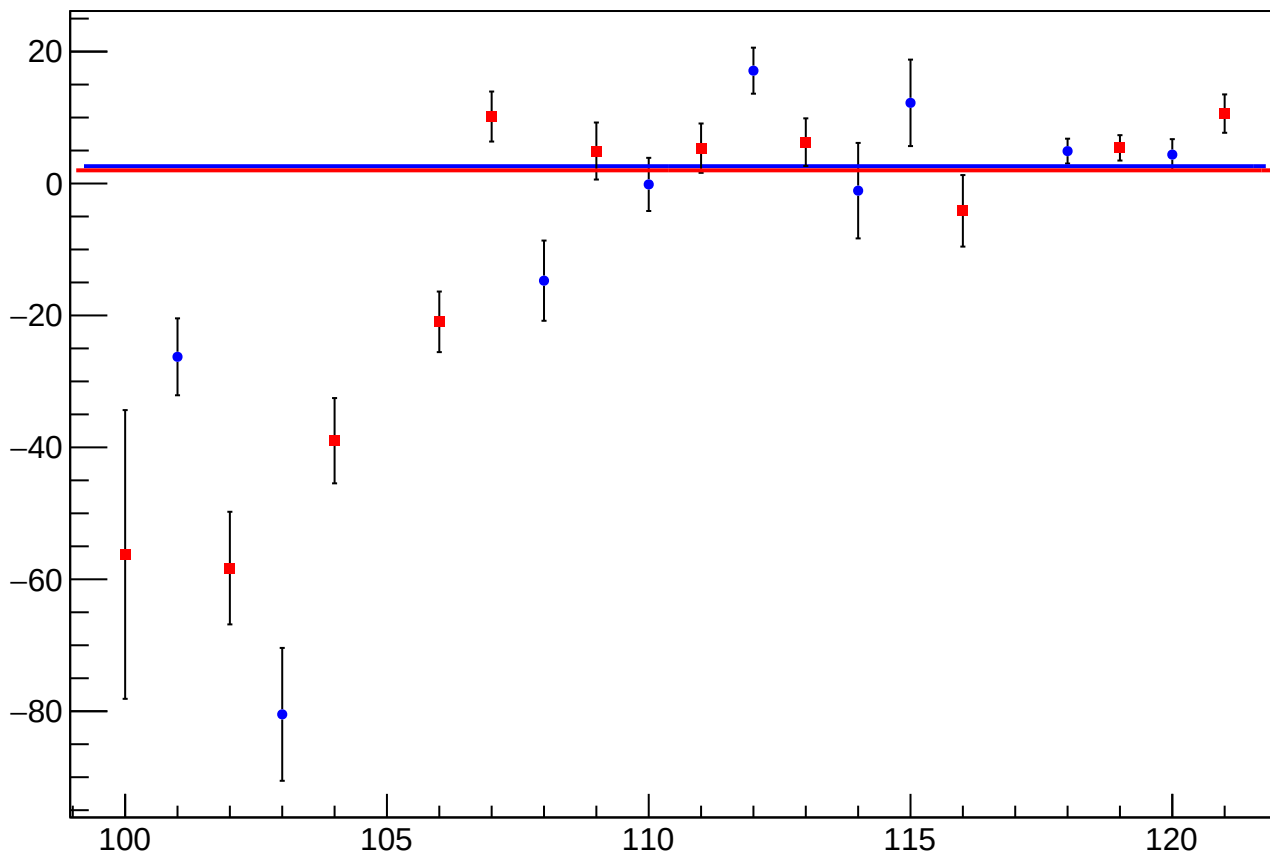
Right: 132.697 $\pm$ 0.777 χ^2 /NDF: 1938.4/19

In: 139.907 $\pm$ 1.217 χ^2 /NDF:890.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132.697 $\pm$ 0.777 χ^2 /NDF: 1938.4/19

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.623+/-1.182 χ^2/NDF : 122.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.998+/-1.132 χ^2/NDF : 142.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

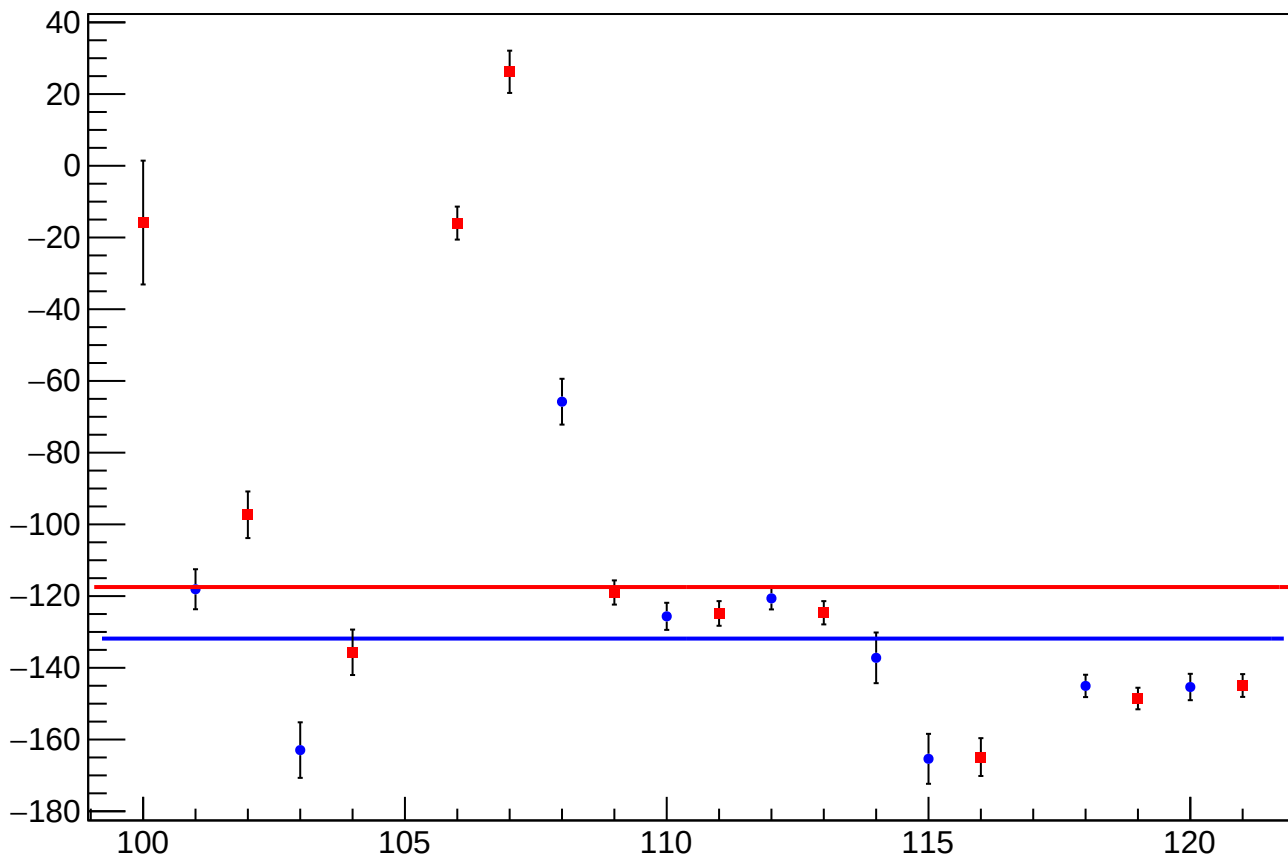
Right: 2.297+/-0.817 χ^2/NDF : 265.7/19

In: 2.623+/-1.182 χ^2/NDF : 122.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.297+/-0.817 χ^2/NDF : 265.7/19

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -131.847+/-1.465 χ^2/NDF : 200.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.475+/-1.249 χ^2/NDF : 1405.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

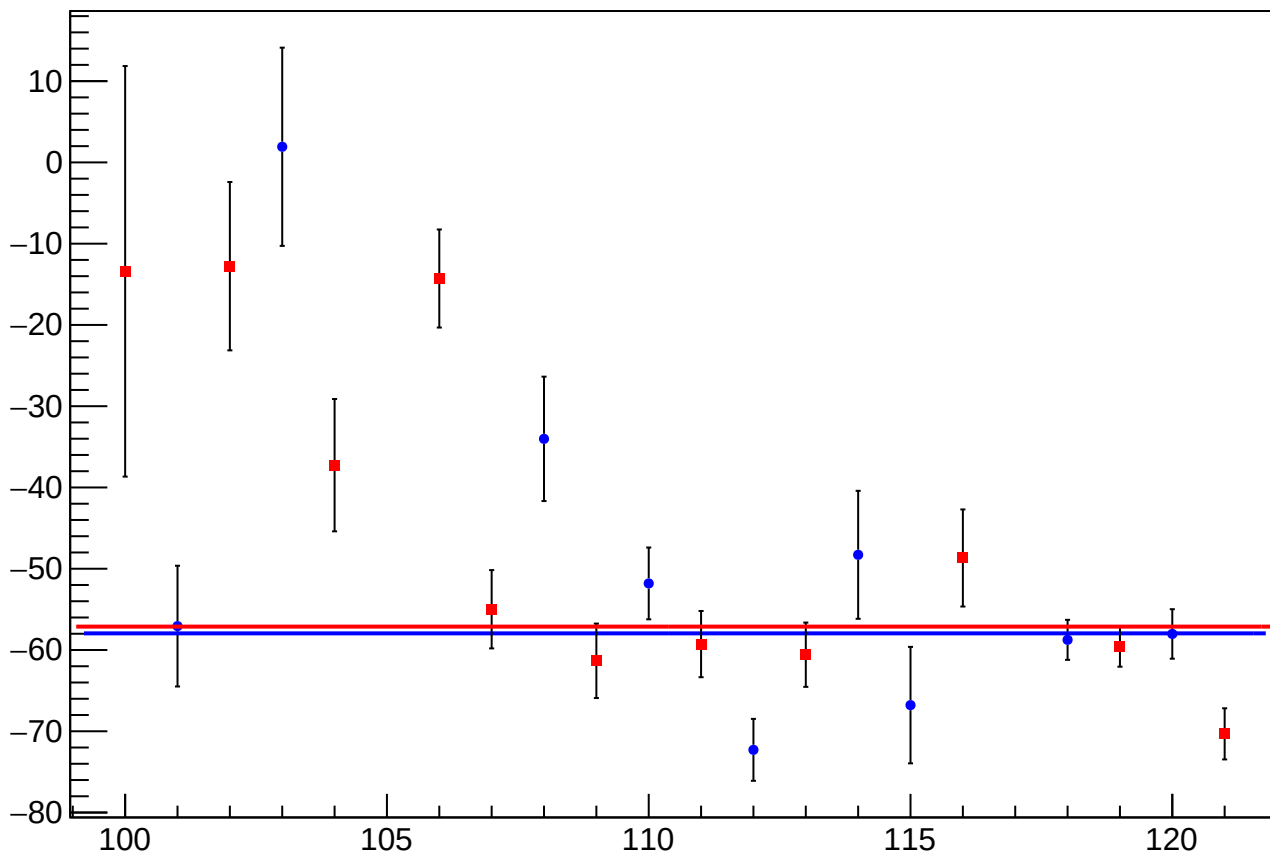
Right: -123.527+/-0.950 χ^2/NDF : 1661.7/19

In: -131.847+/-1.465 χ^2/NDF : 200.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.527+/-0.950 χ^2/NDF : 1661.7/19

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.952 $\pm$ 1.458 χ^2 /NDF: 53.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.122 $\pm$ 1.335 χ^2 /NDF: 100.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

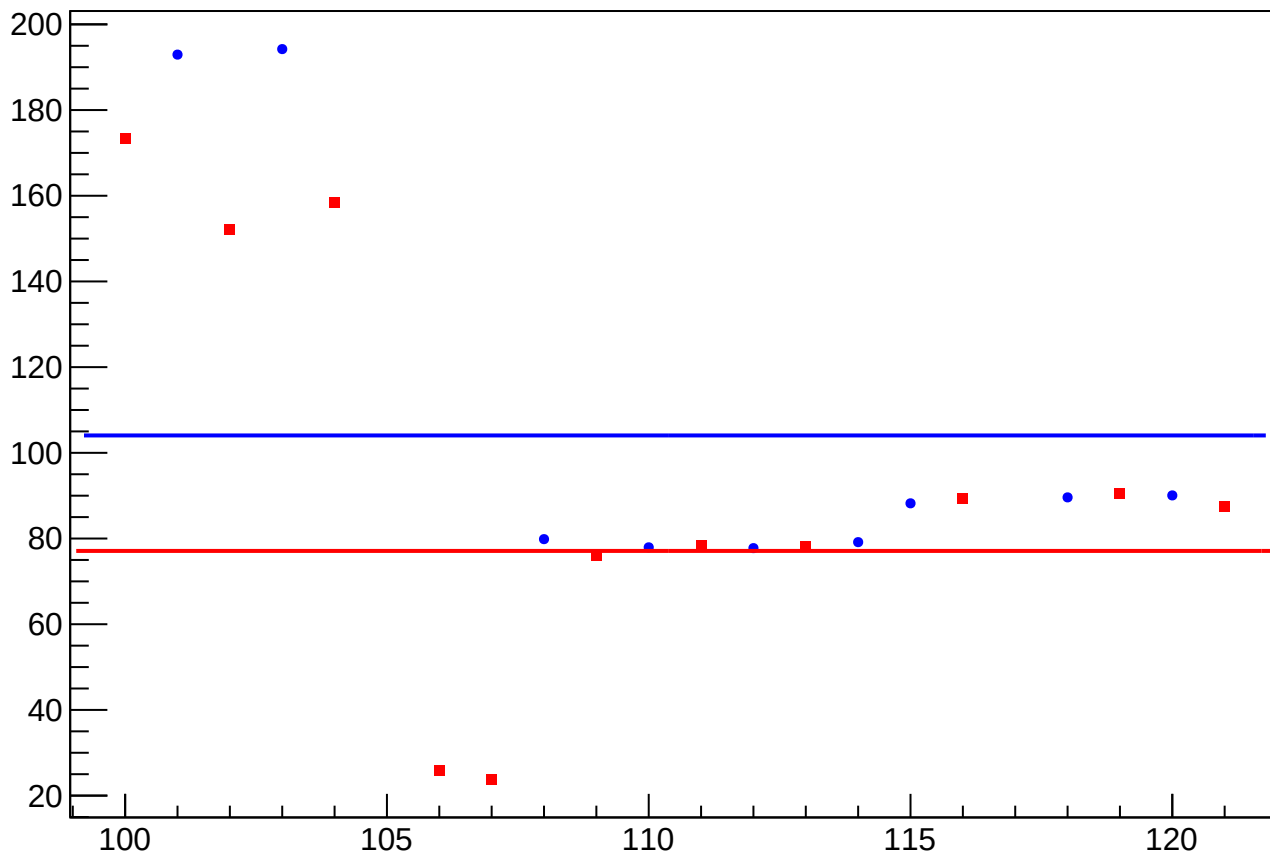
Right: -57.501 $\pm$ 0.985 χ^2 /NDF: 153.6/19

In: -57.952 $\pm$ 1.458 χ^2 /NDF:53.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.501 $\pm$ 0.985 χ^2 /NDF: 153.6/19

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 104.058+/-0.102 χ^2/NDF : 181457.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.107+/-0.081 χ^2/NDF : 280308.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

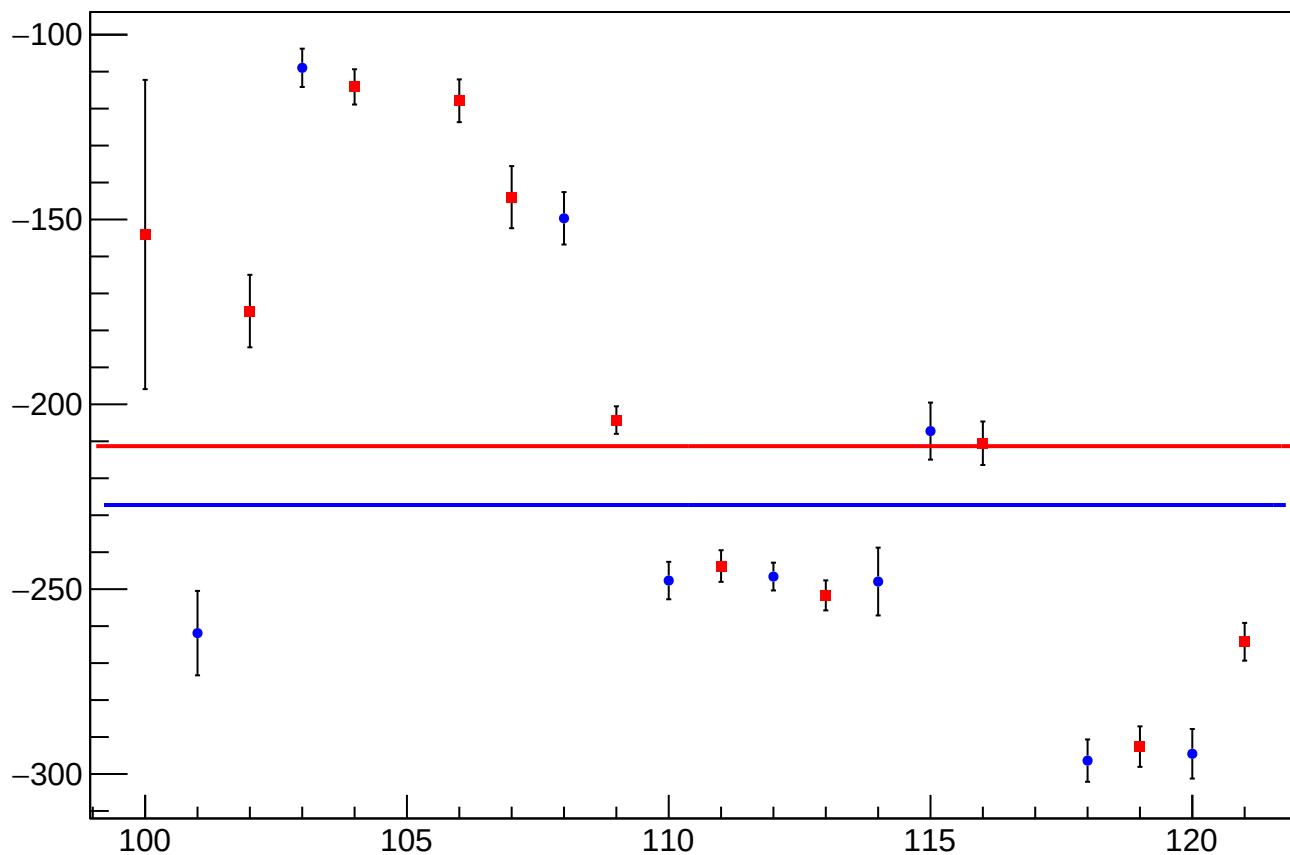
Right: 87.470+/-0.063 χ^2/NDF : 504588.5/19

In: 104.058+/-0.102 χ^2/NDF : 181457.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.470+/-0.063 χ^2/NDF : 504588.5/19

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -227.235+/-1.976 χ^2 /NDF: 951.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -211.313+/-1.608 χ^2 /NDF: 1243.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

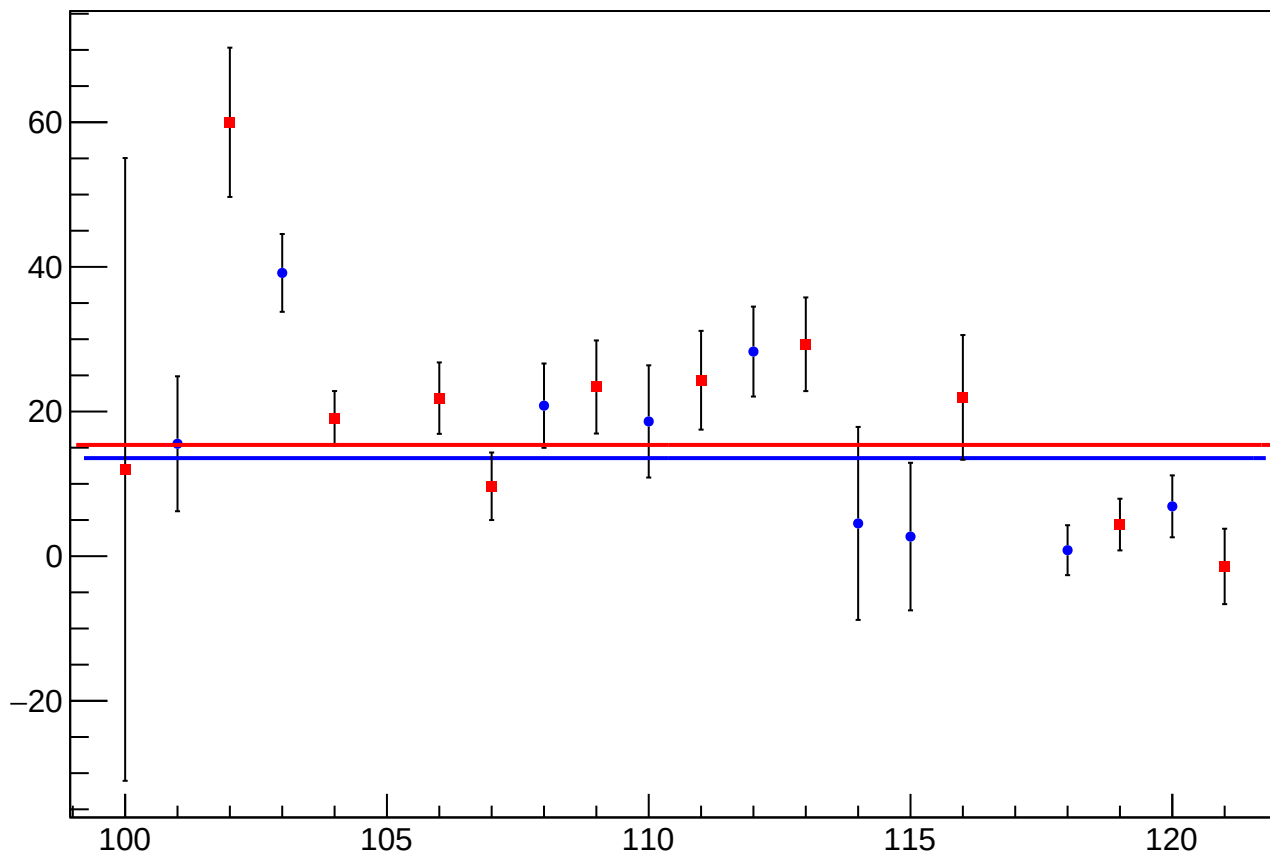
Right: -217.653+/-1.247 χ^2 /NDF: 2233.0/19

In: -227.235+/-1.976 χ^2 /NDF:951.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -217.653+/-1.247 χ^2 /NDF: 2233.0/19

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.560 $\pm$ 1.919 χ^2 /NDF: 47.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.382 $\pm$ 1.656 χ^2 /NDF: 51.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

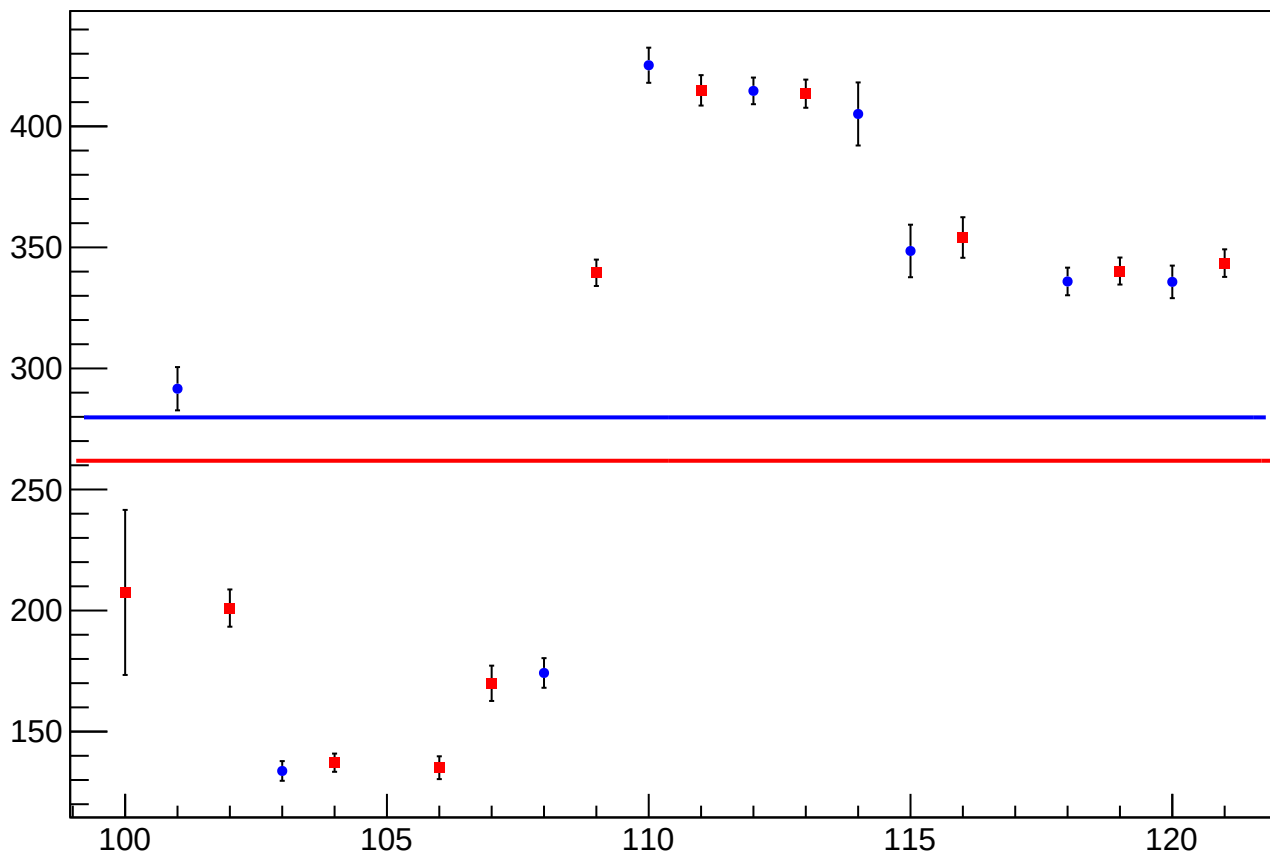
Right: 14.604 $\pm$ 1.254 χ^2 /NDF: 99.6/19

In: 13.560 $\pm$ 1.919 χ^2 /NDF:47.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.604 $\pm$ 1.254 χ^2 /NDF: 99.6/19

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 279.783+/-2.137 χ^2/NDF : 2890.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 261.869+/-1.774 χ^2/NDF : 4045.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

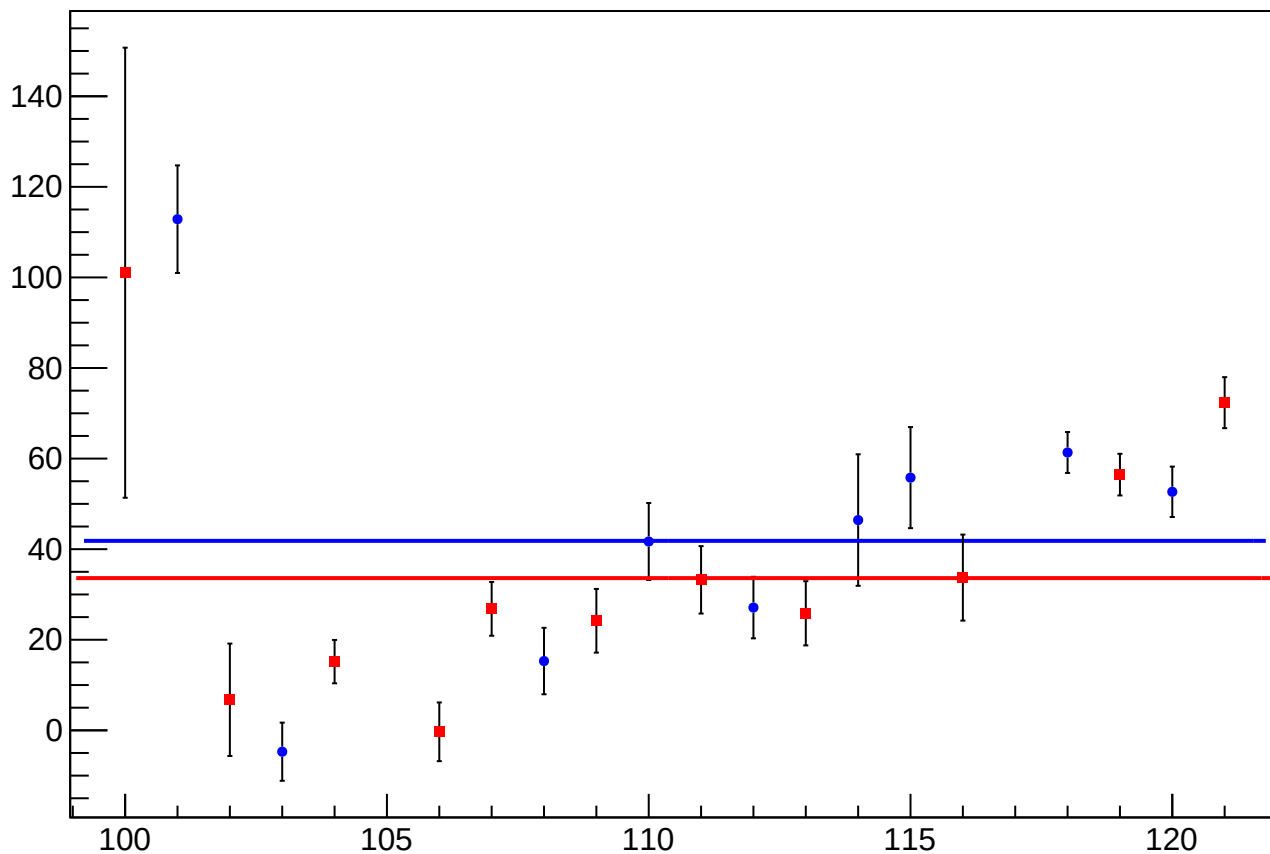
Right: 269.175+/-1.365 χ^2/NDF : 6976.9/19

In: 279.783+/-2.137 χ^2/NDF :2890.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 269.175+/-1.365 χ^2/NDF : 6976.9/19

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.836+/-2.360 χ^2/NDF : 130.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.609+/-1.997 χ^2/NDF : 125.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

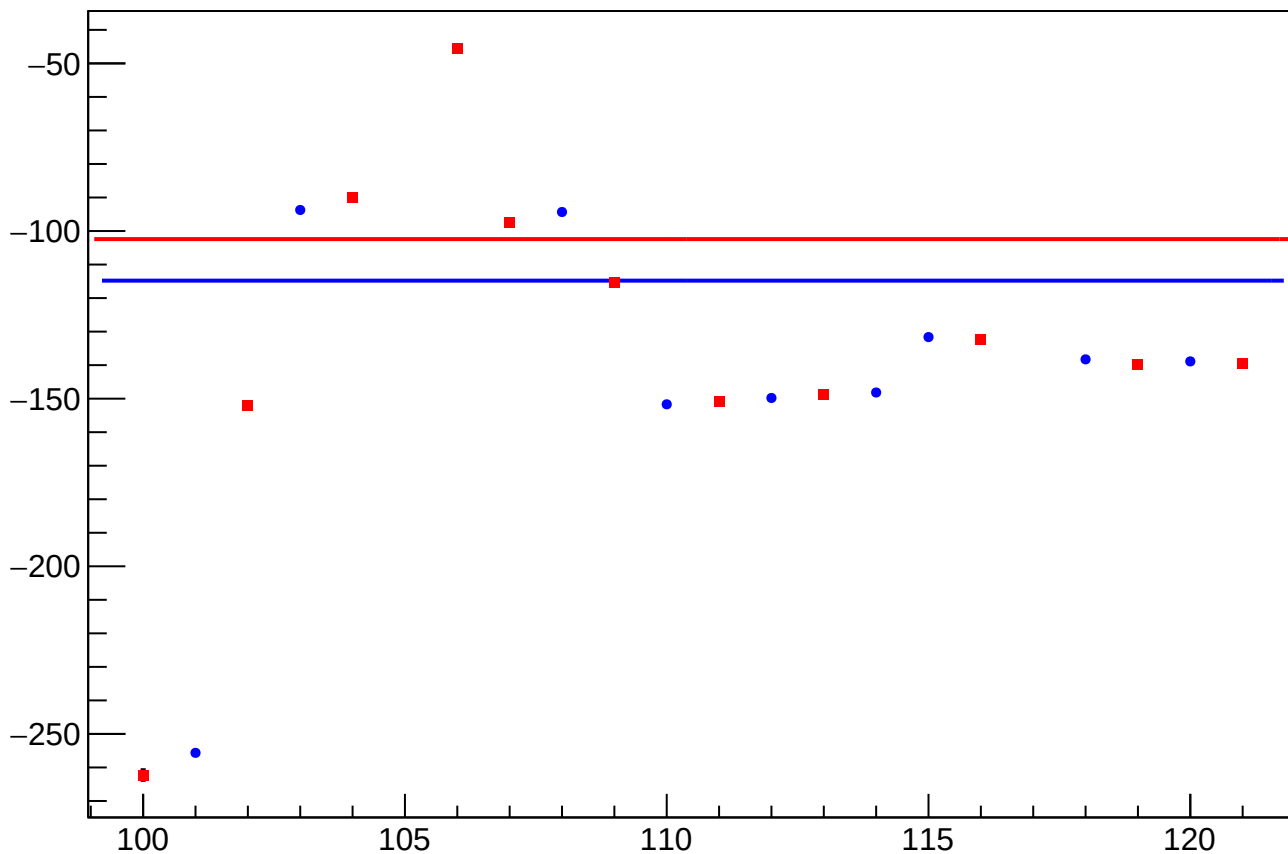
Right: 37.040+/-1.524 χ^2/NDF : 262.4/19

In: 41.836+/-2.360 χ^2/NDF : 130.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.040+/-1.524 χ^2/NDF : 262.4/19

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -114.798+/-0.117 χ^2/NDF : 109042.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.406+/-0.101 χ^2/NDF : 132781.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

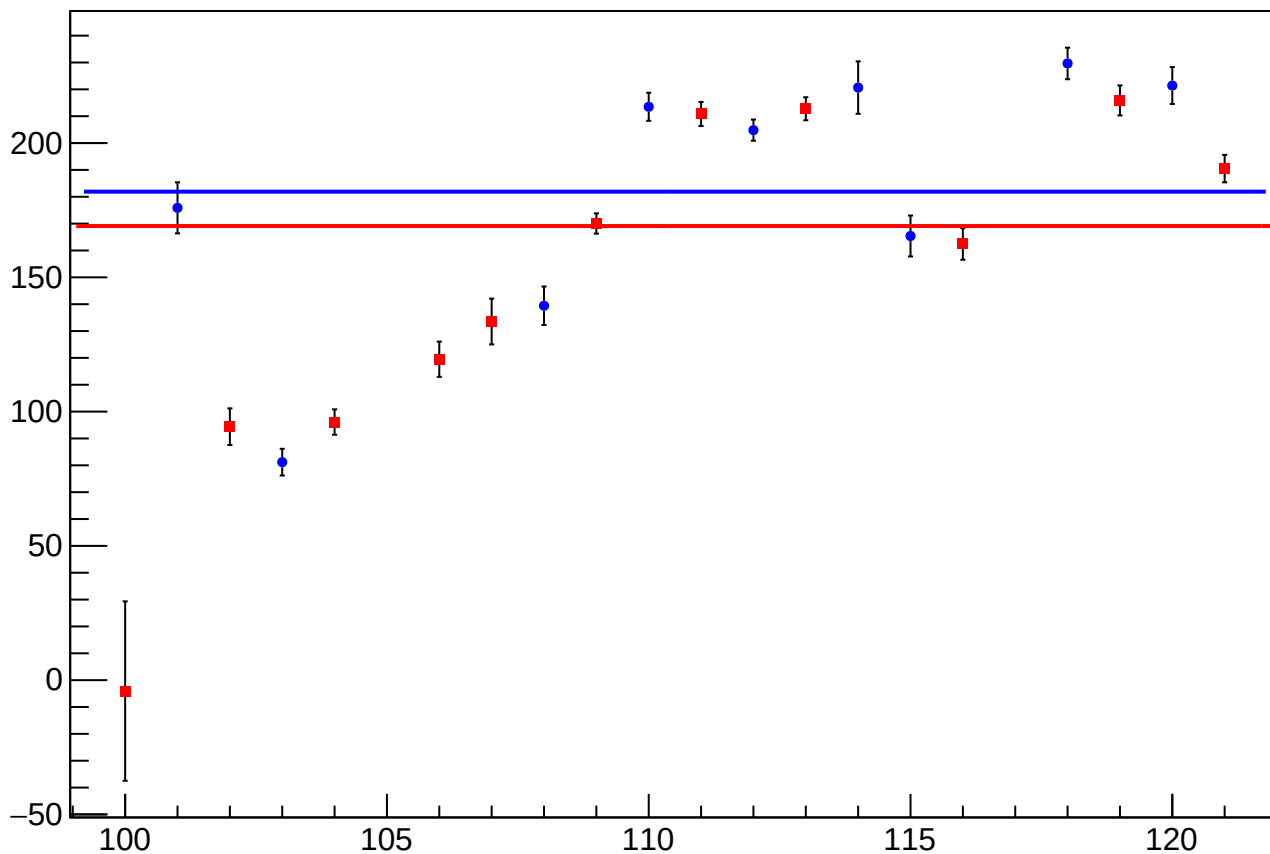
Right: -107.687+/-0.076 χ^2/NDF : 248265.0/19

In: -114.798+/-0.117 χ^2/NDF : 109042.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.687+/-0.076 χ^2/NDF : 248265.0/19

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 181.911+/-2.001 χ^2/NDF : 635.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.095+/-1.627 χ^2/NDF : 738.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

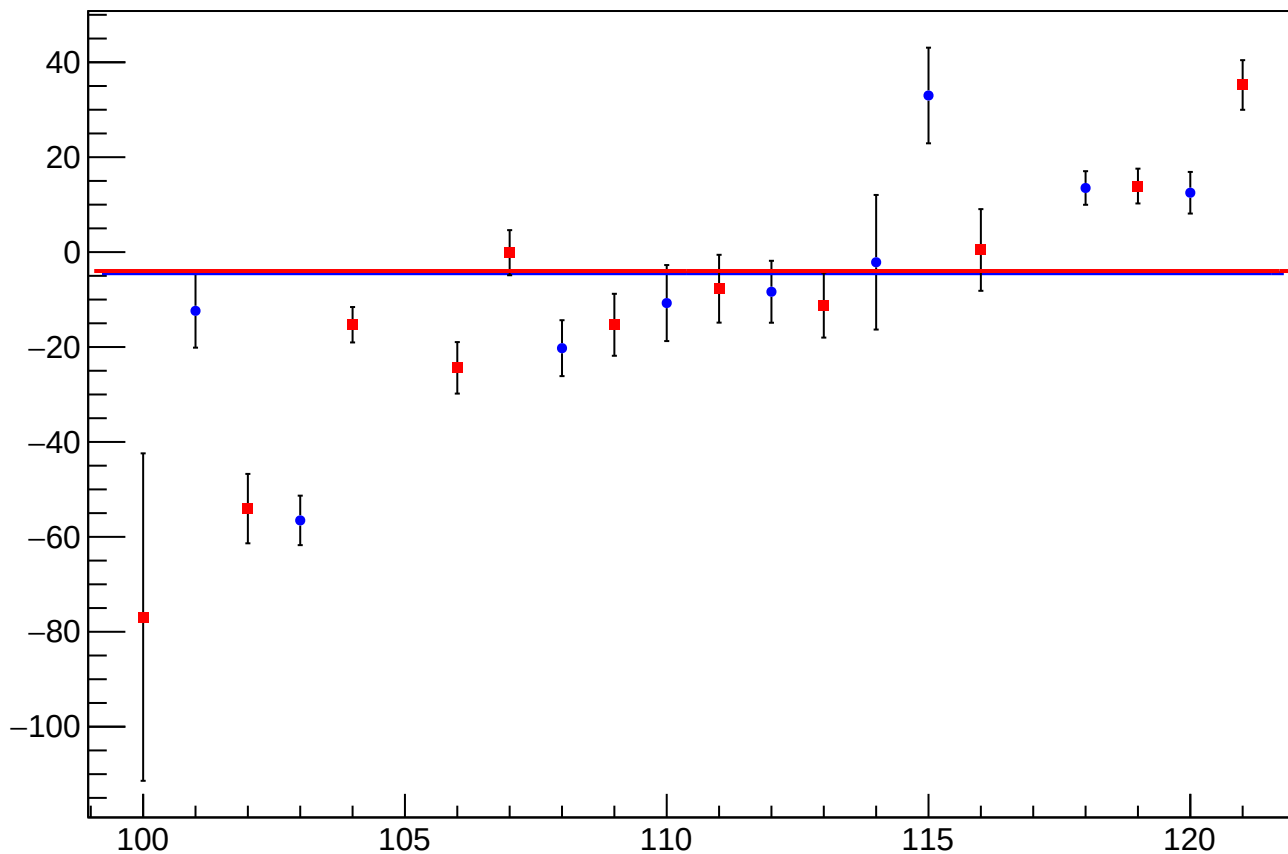
Right: 174.195+/-1.262 χ^2/NDF : 1398.6/19

In: 181.911+/-2.001 χ^2/NDF : 635.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.195+/-1.262 χ^2/NDF : 1398.6/19

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.445 $\pm$ 1.932 χ^2 /NDF: 163.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.983 $\pm$ 1.670 χ^2 /NDF: 160.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

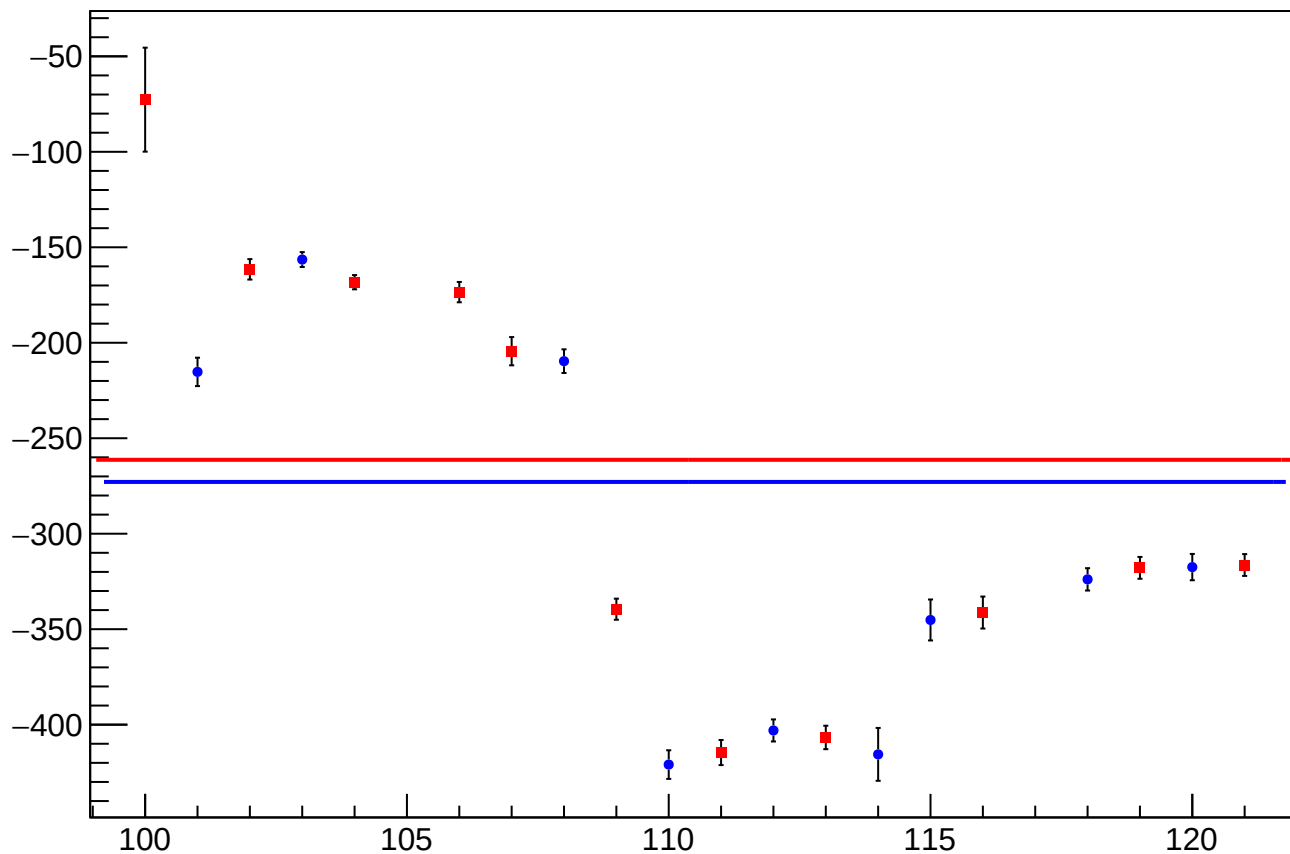
Right: -4.181 $\pm$ 1.263 χ^2 /NDF: 323.6/19

In: -4.445 $\pm$ 1.932 χ^2 /NDF:163.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.181 $\pm$ 1.263 χ^2 /NDF: 323.6/19

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -272.878+/-2.123 χ^2/NDF : 2222.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.291+/-1.769 χ^2/NDF : 2933.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

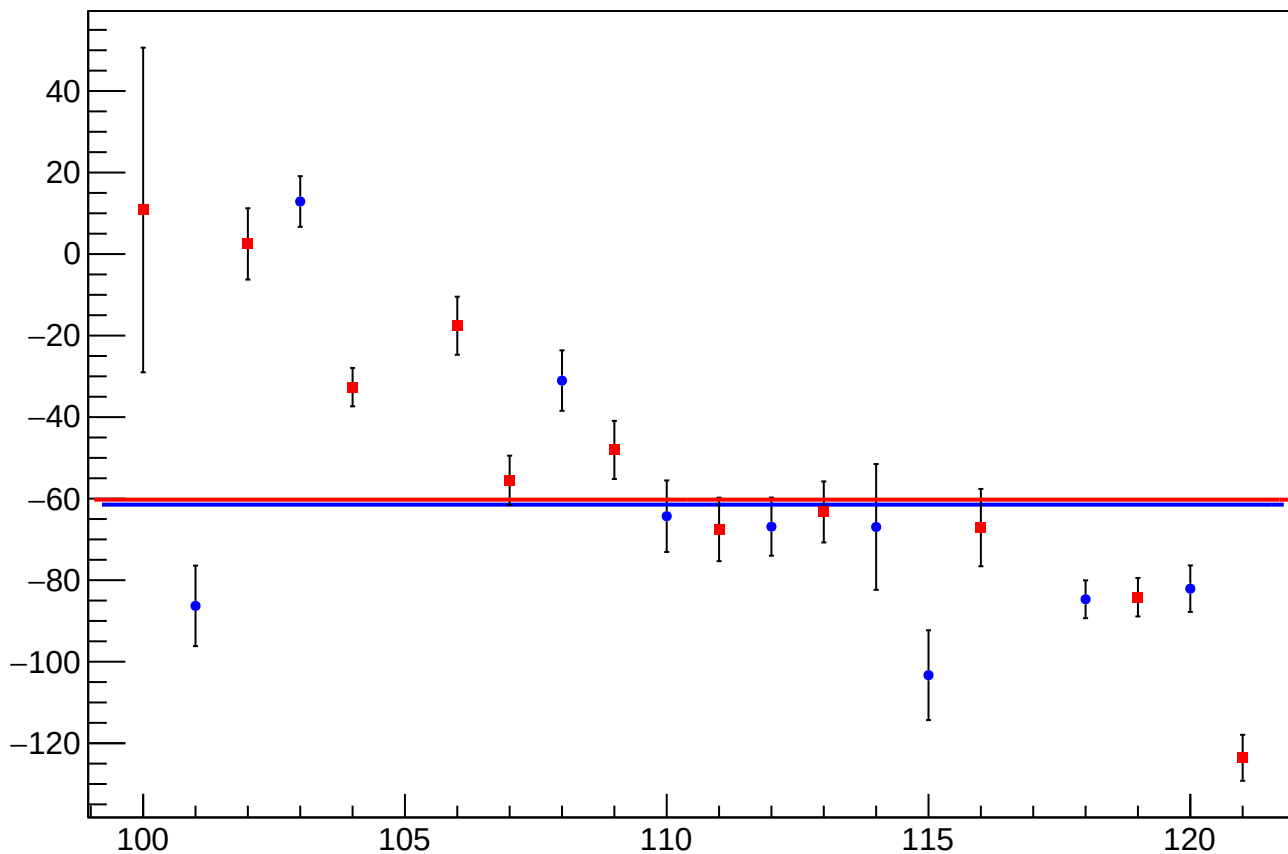
Right: -266.040+/-1.359 χ^2/NDF : 5173.2/19

In: -272.878+/-2.123 χ^2/NDF : 2222.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.040+/-1.359 χ^2/NDF : 5173.2/19

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.466 $\pm$ 2.379 χ^2 /NDF: 219.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.241 $\pm$ 2.011 χ^2 /NDF: 281.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

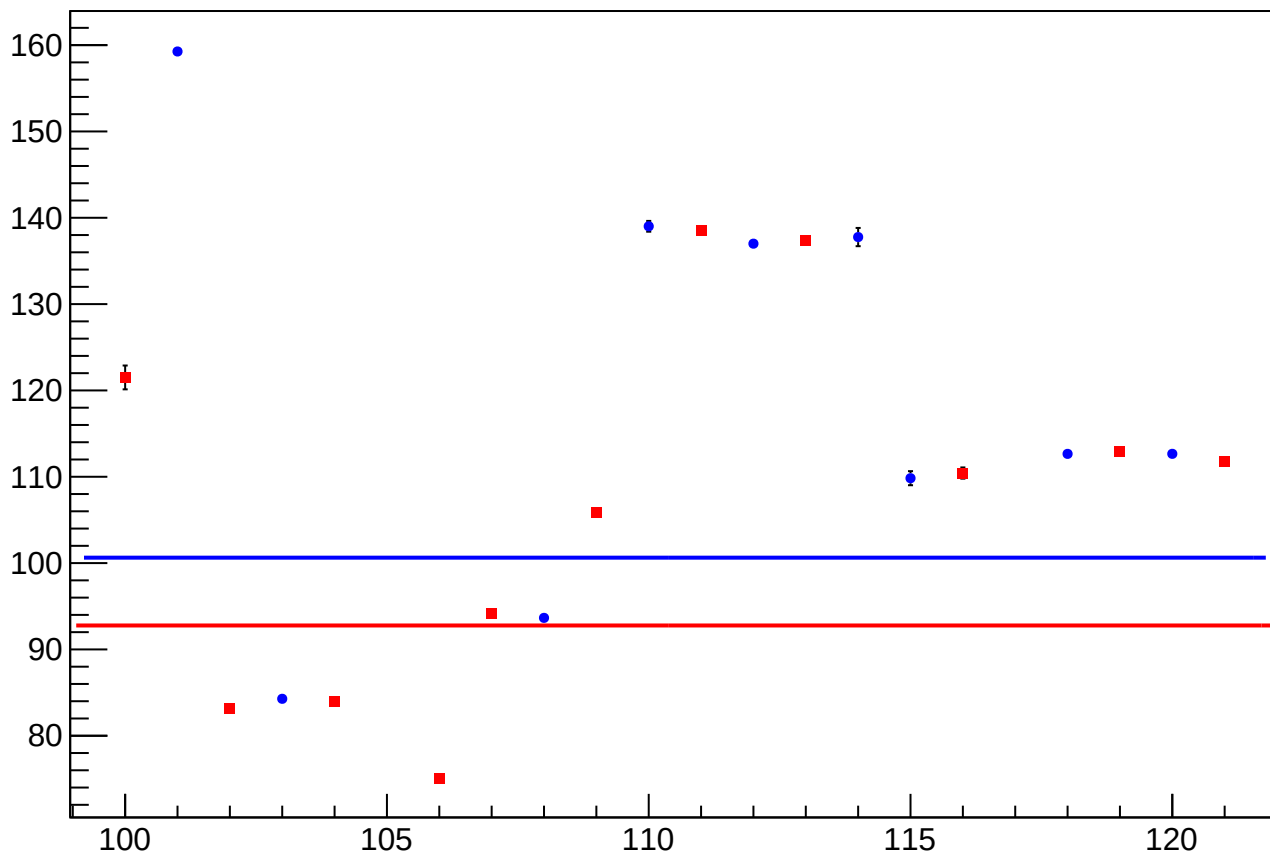
Right: -60.752 $\pm$ 1.536 χ^2 /NDF: 501.6/19

In: -61.466 $\pm$ 2.379 χ^2 /NDF:219.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.752 $\pm$ 1.536 χ^2 /NDF: 501.6/19

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.630+/-0.114 χ^2/NDF : 41311.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.774+/-0.098 χ^2/NDF : 31983.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

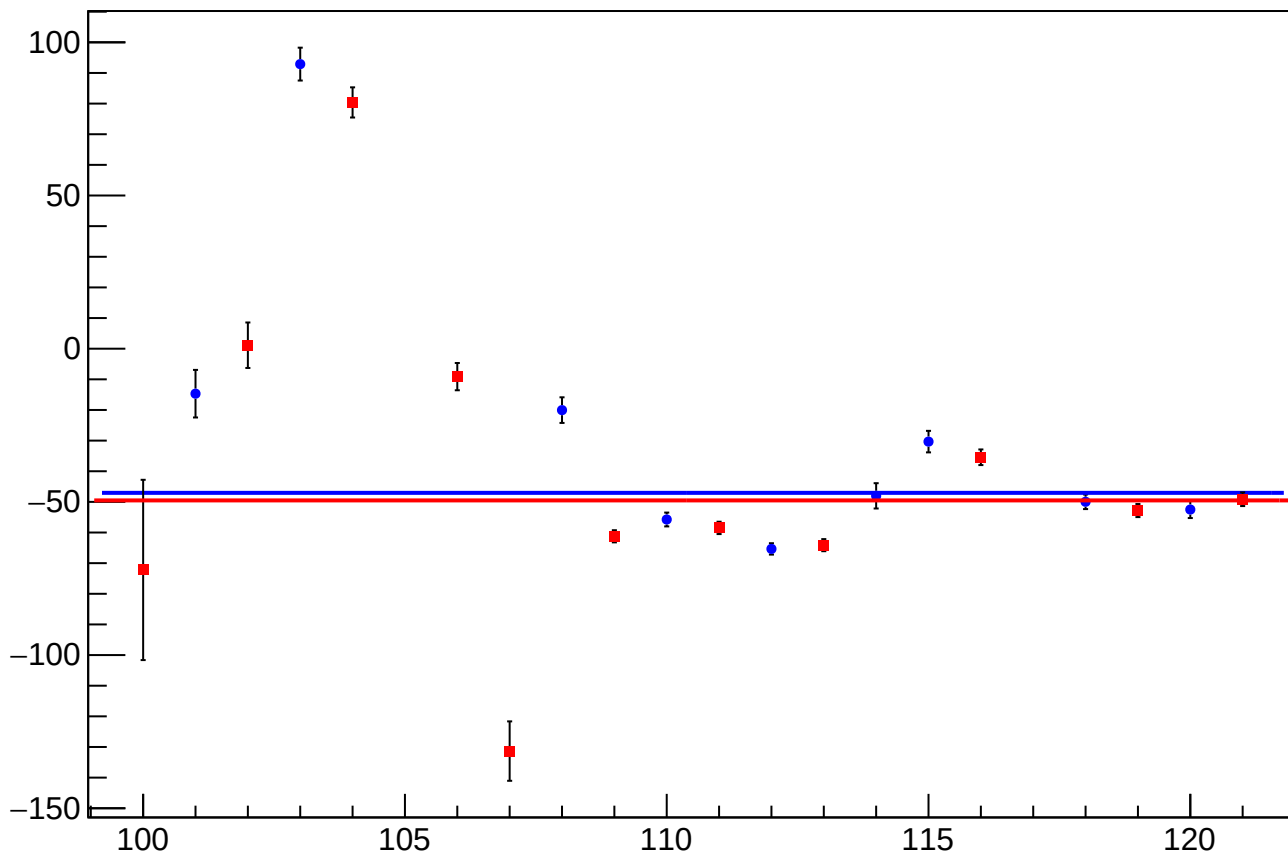
Right: 96.087+/-0.074 χ^2/NDF : 76019.1/19

In: 100.630+/-0.114 χ^2/NDF : 41311.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.087+/-0.074 χ^2/NDF : 76019.1/19

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.051+/-0.980 χ^2/NDF : 879.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.520+/-0.829 χ^2/NDF : 1039.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

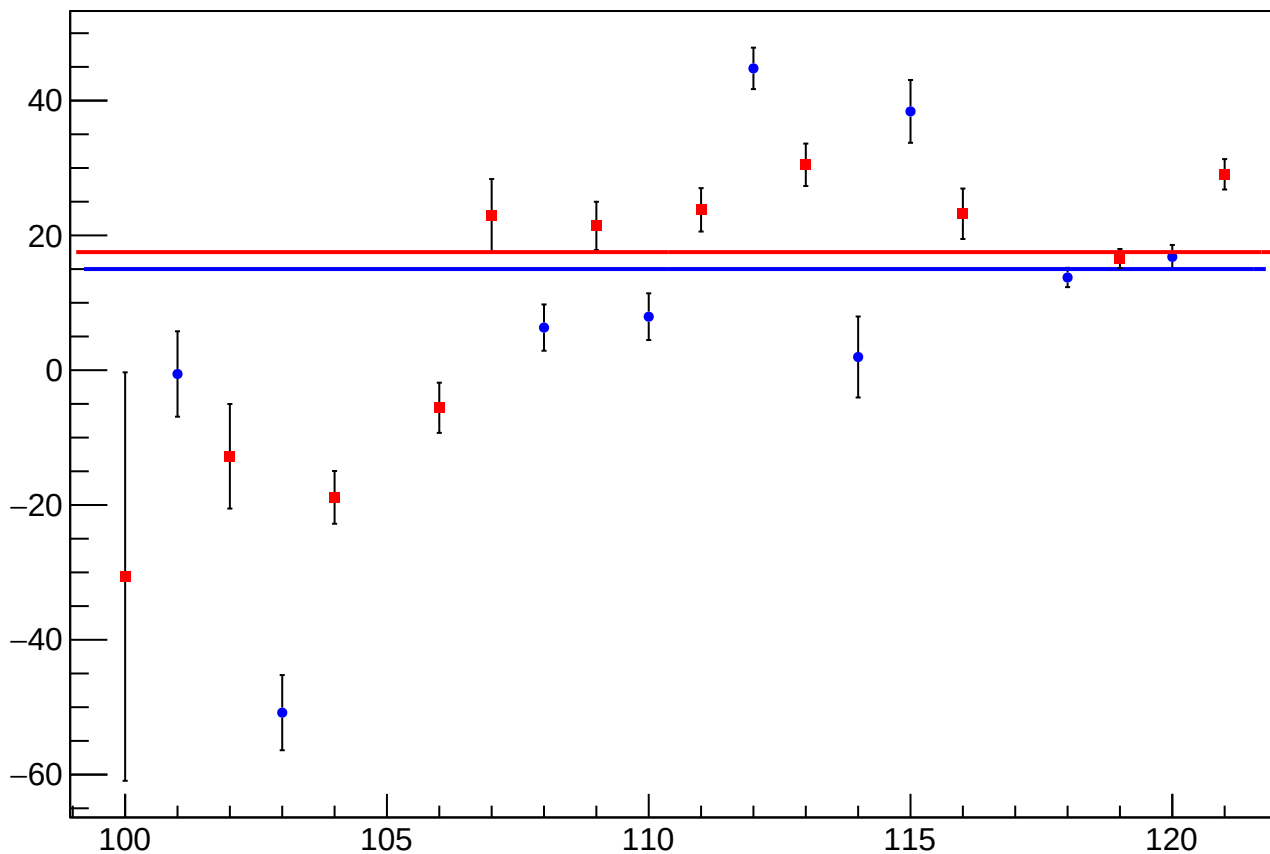
Right: -48.490+/-0.633 χ^2/NDF : 1922.5/19

In: -47.051+/-0.980 χ^2/NDF : 879.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.490+/-0.633 χ^2/NDF : 1922.5/19

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.005+/-0.908 χ^2/NDF : 281.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.523+/-0.900 χ^2/NDF : 194.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

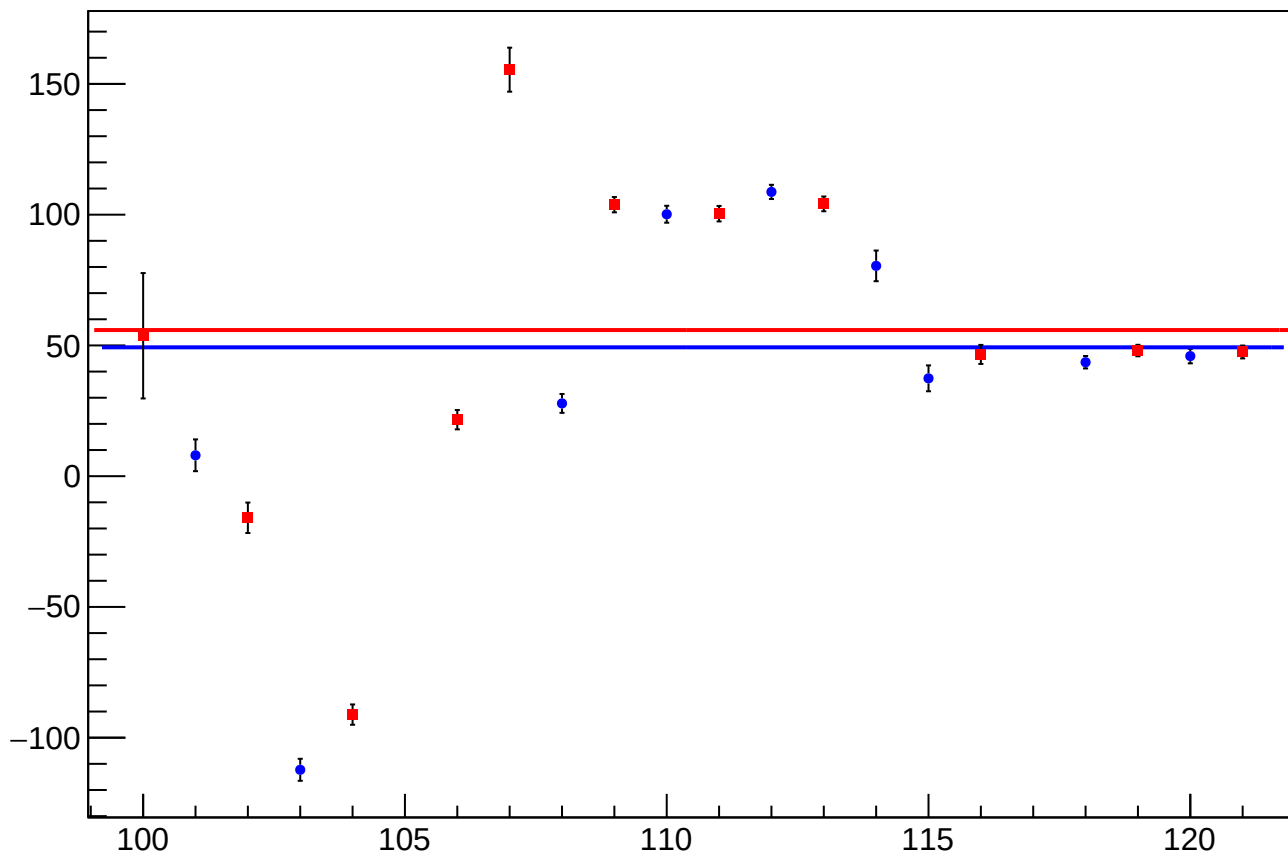
Right: 16.275+/-0.639 χ^2/NDF : 479.9/19

In: 15.005+/-0.908 χ^2/NDF : 281.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.275+/-0.639 χ^2/NDF : 479.9/19

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.277+/-1.141 χ^2/NDF : 2322.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.879+/-1.005 χ^2/NDF : 2626.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

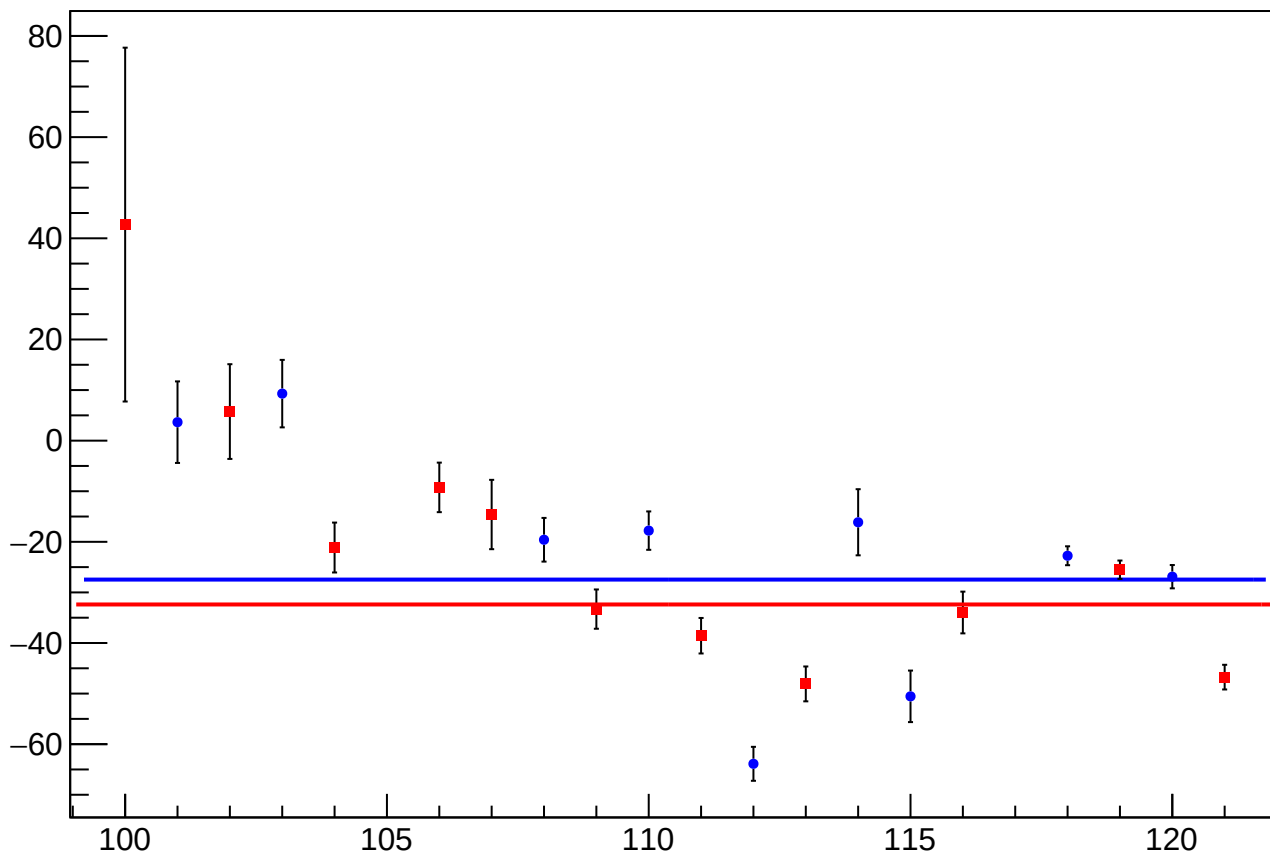
Right: 52.994+/-0.754 χ^2/NDF : 4968.4/19

In: 49.277+/-1.141 χ^2/NDF : 2322.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.994+/-0.754 χ^2/NDF : 4968.4/19

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.464+/-1.128 χ^2/NDF : 202.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.384+/-1.067 χ^2/NDF : 128.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

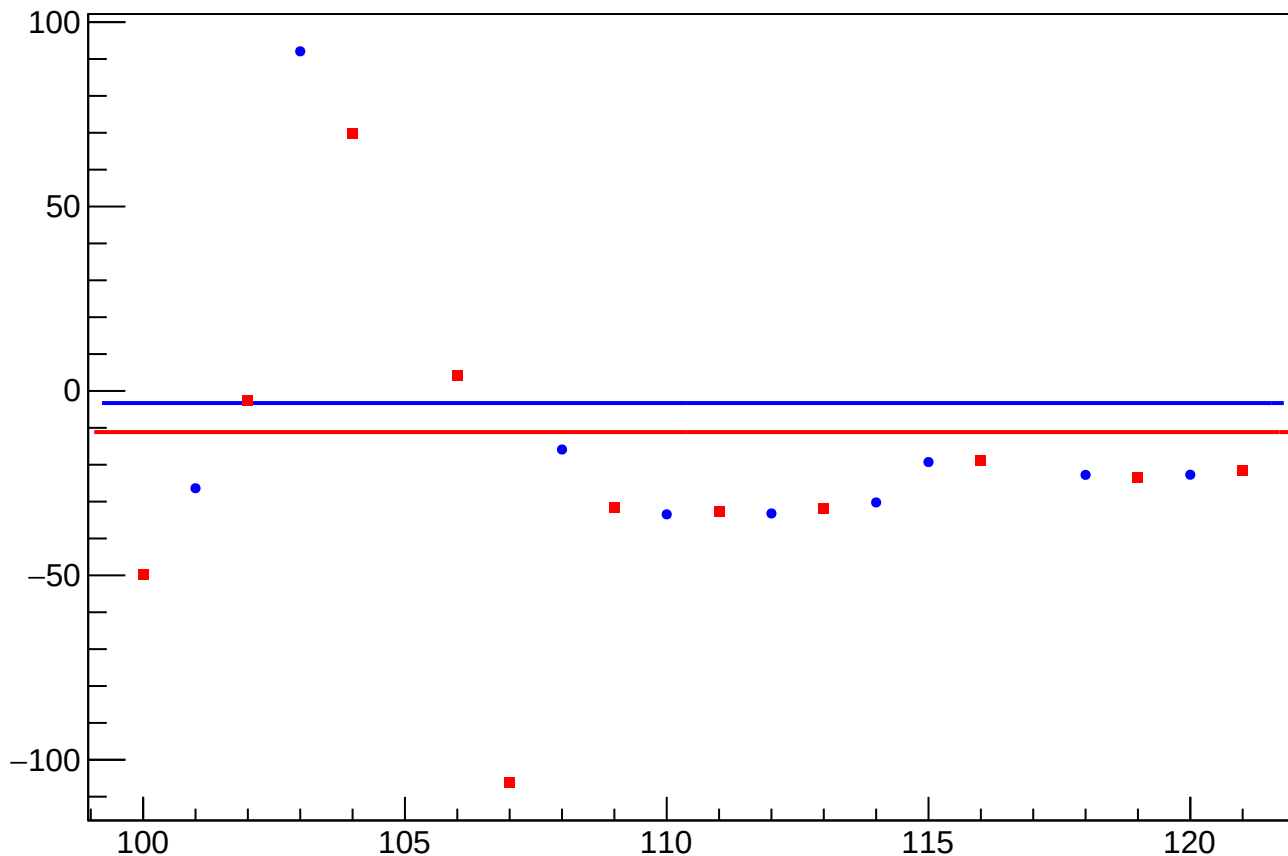
Right: -30.061+/-0.775 χ^2/NDF : 341.4/19

In: -27.464+/-1.128 χ^2/NDF : 202.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.061+/-0.775 χ^2/NDF : 341.4/19

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.282+/-0.074 χ^2/NDF : 360008.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.148+/-0.067 χ^2/NDF : 310108.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

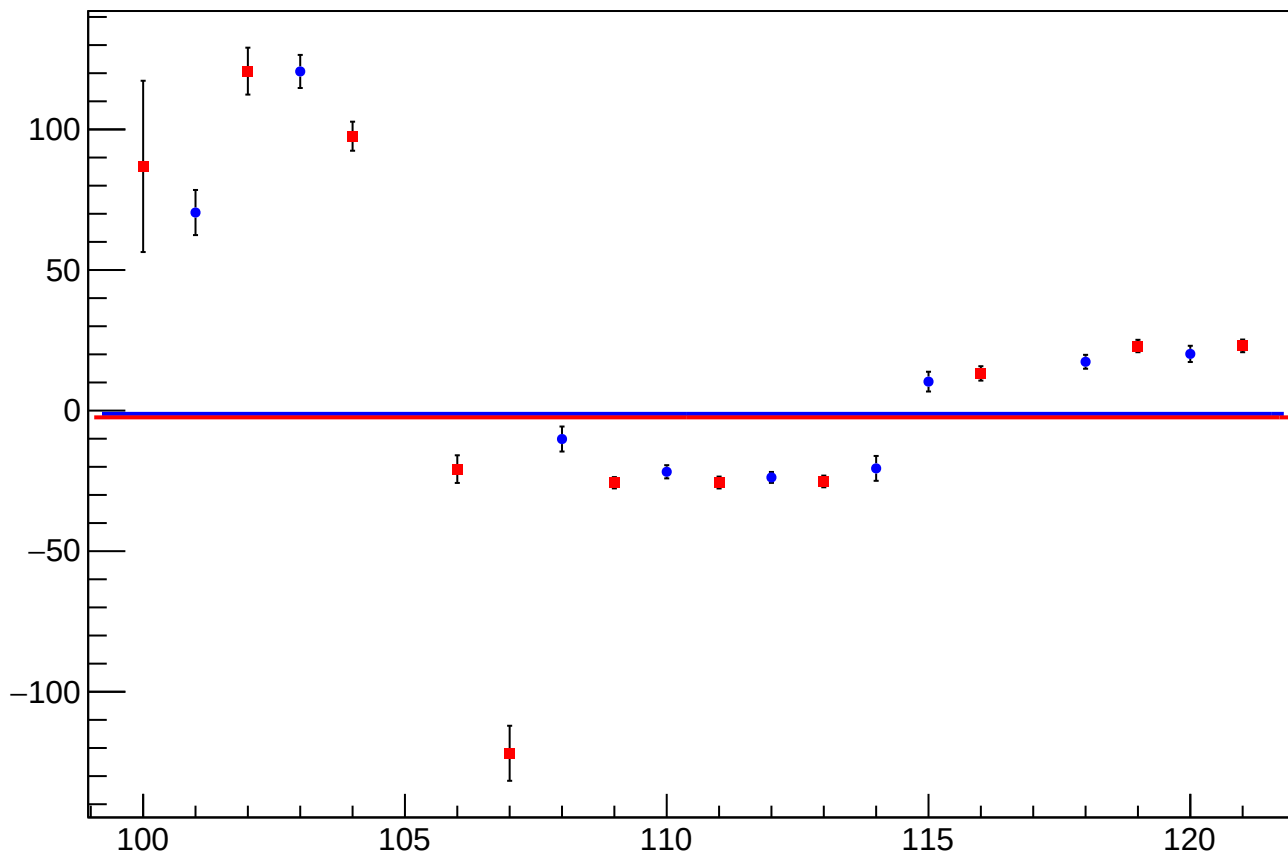
Right: -7.577+/-0.050 χ^2/NDF : 676336.2/19

In: -3.282+/-0.074 χ^2/NDF : 360008.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.577+/-0.050 χ^2/NDF : 676336.2/19

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.162+/-1.023 χ^2/NDF : 864.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.408+/-0.857 χ^2/NDF : 1434.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

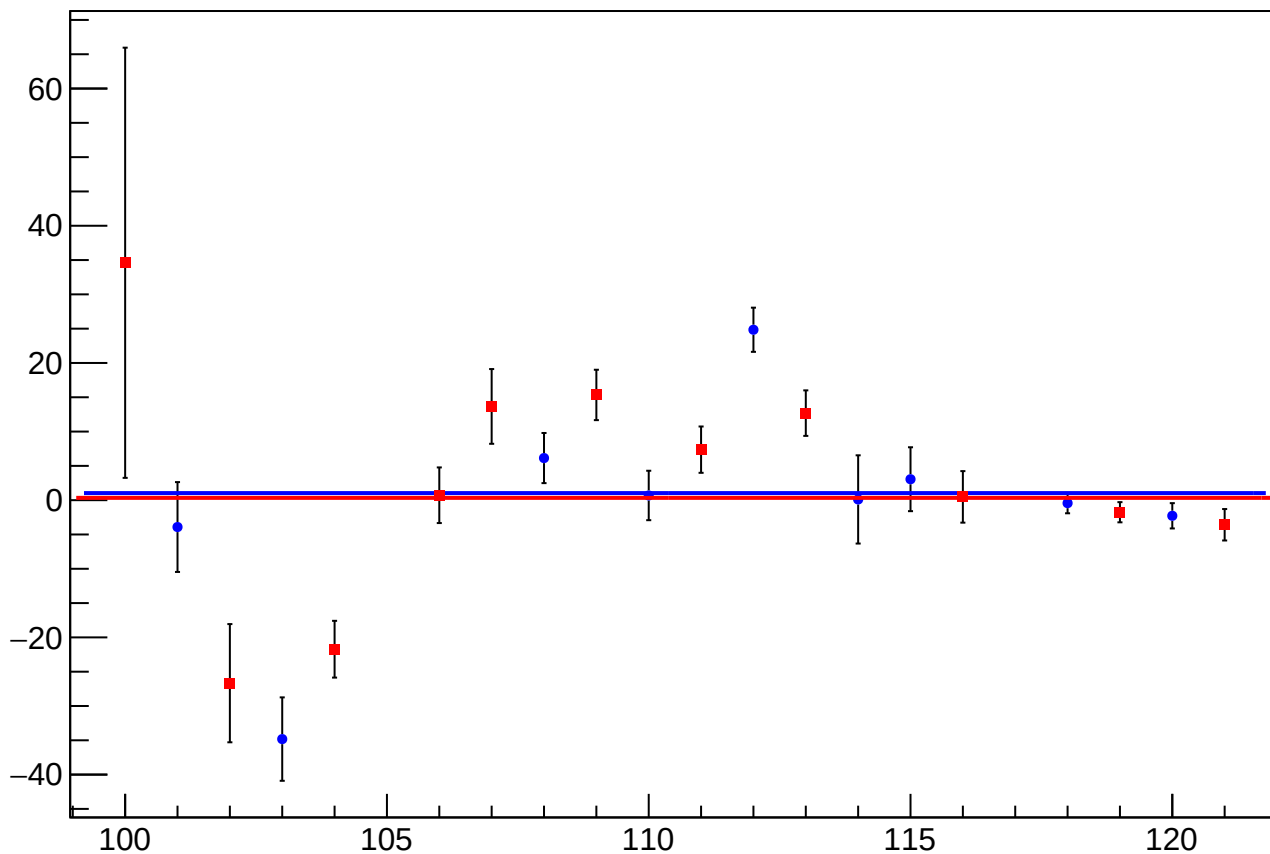
Right: -1.894+/-0.657 χ^2/NDF : 2300.5/19

In: -1.162+/-1.023 χ^2/NDF : 864.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.894+/-0.657 χ^2/NDF : 2300.5/19

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.032+/-0.946 χ^2/NDF : 96.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.338+/-0.935 χ^2/NDF : 85.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

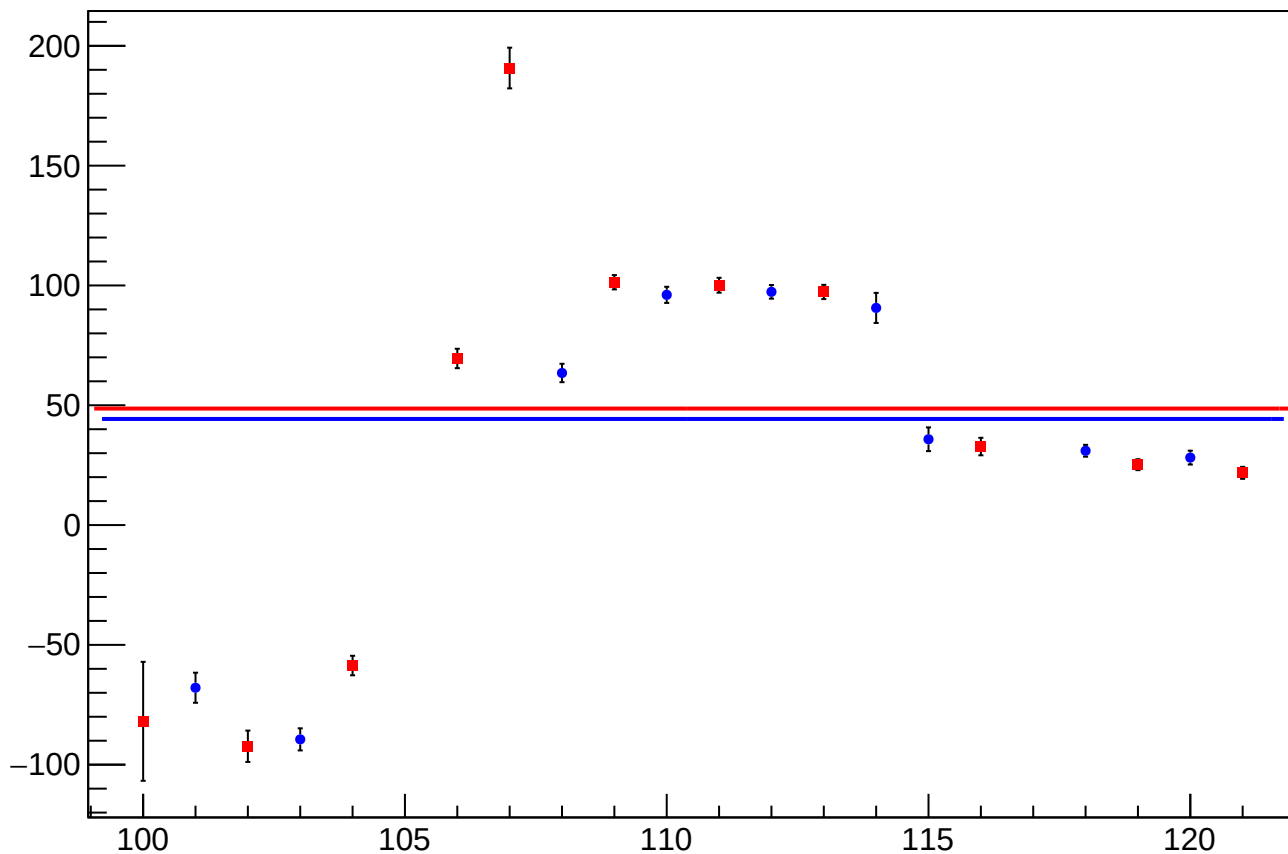
Right: 0.681+/-0.665 χ^2/NDF : 181.9/19

In: 1.032+/-0.946 χ^2/NDF : 96.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.681+/-0.665 χ^2/NDF : 181.9/19

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.284+/-1.193 χ^2/NDF : 1885.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.627+/-1.044 χ^2/NDF : 2584.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

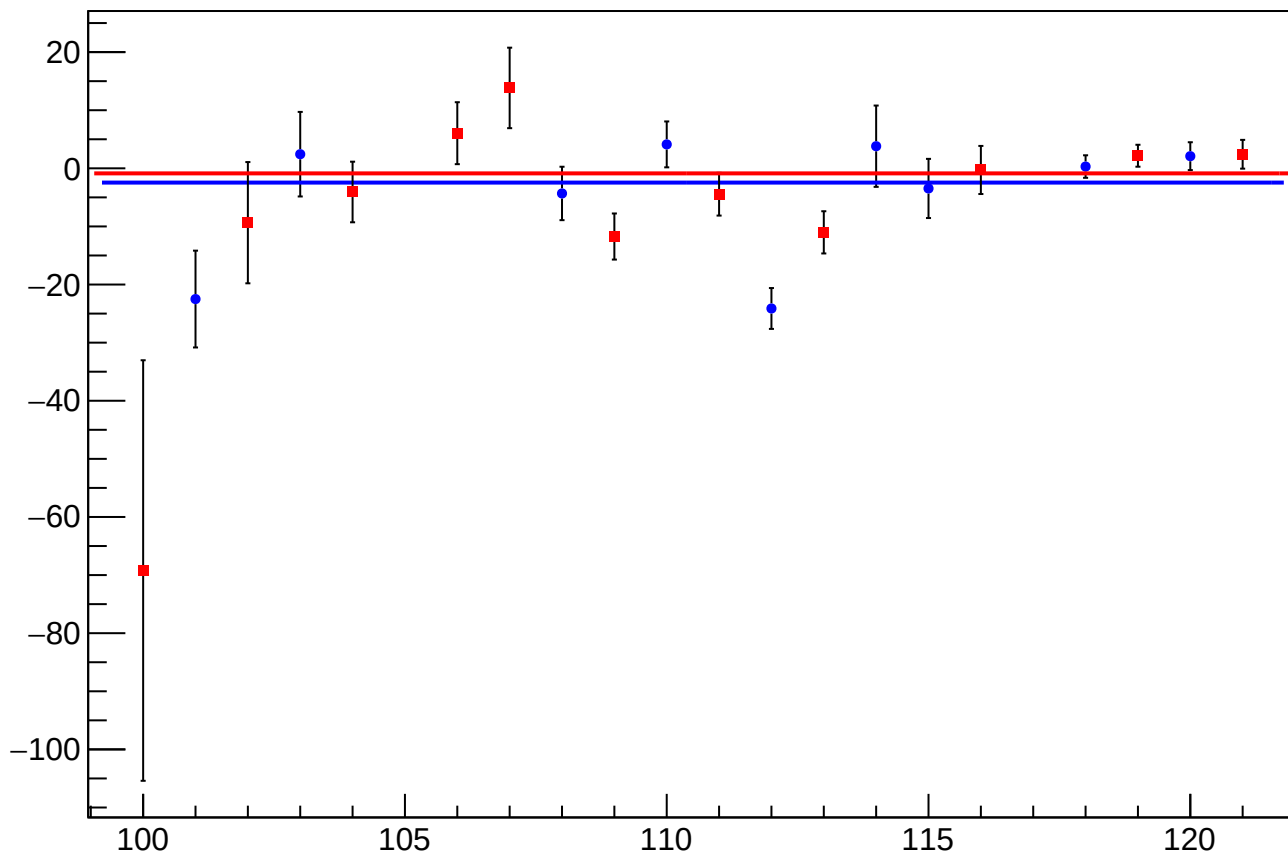
Right: 46.743+/-0.786 χ^2/NDF : 4477.4/19

In: 44.284+/-1.193 χ^2/NDF : 1885.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.743+/-0.786 χ^2/NDF : 4477.4/19

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.454+/-1.175 χ^2/NDF : 53.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.869+/-1.106 χ^2/NDF : 31.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

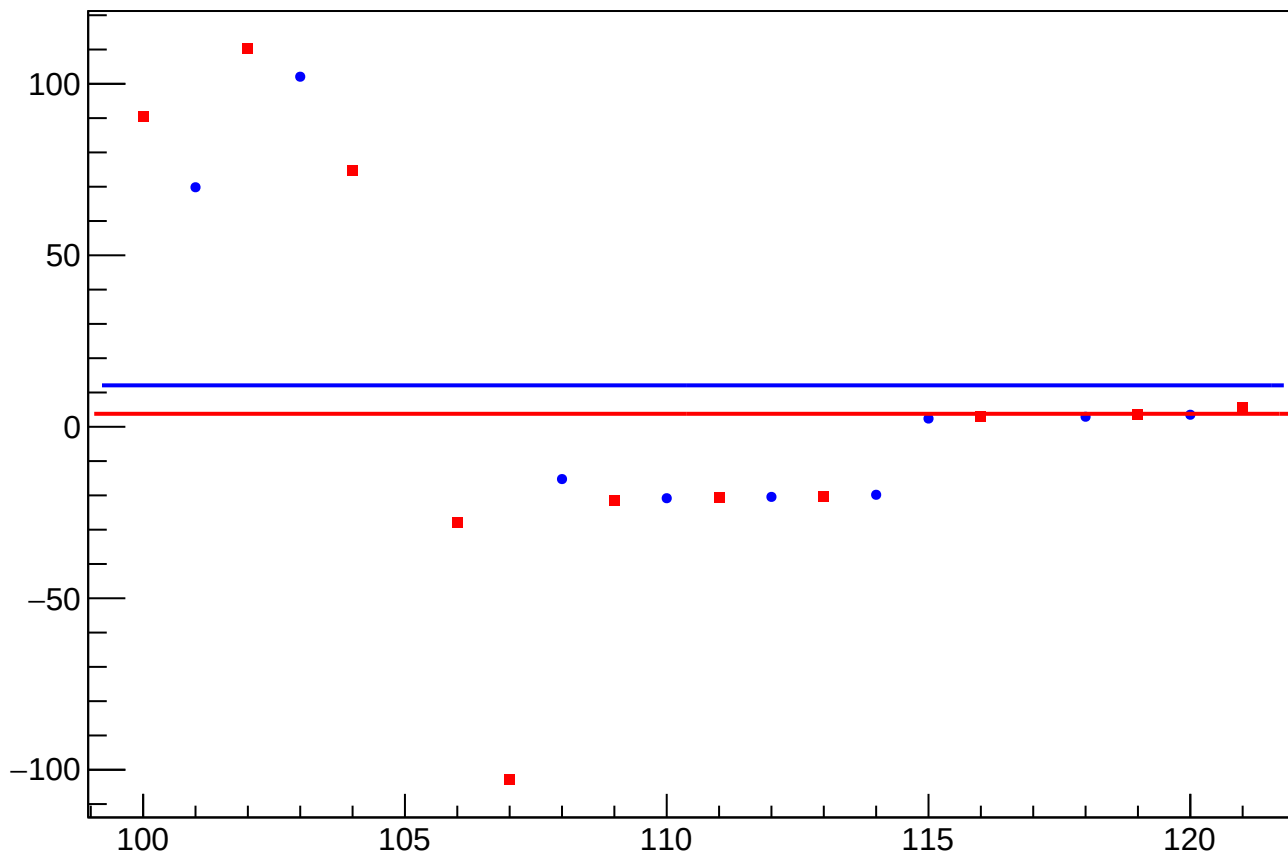
Right: -1.614+/-0.805 χ^2/NDF : 86.0/19

In: -2.454+/-1.175 χ^2/NDF : 53.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.614+/-0.805 χ^2/NDF : 86.0/19

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.083+/-0.078 χ^2/NDF : 313926.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.789+/-0.071 χ^2/NDF : 434182.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

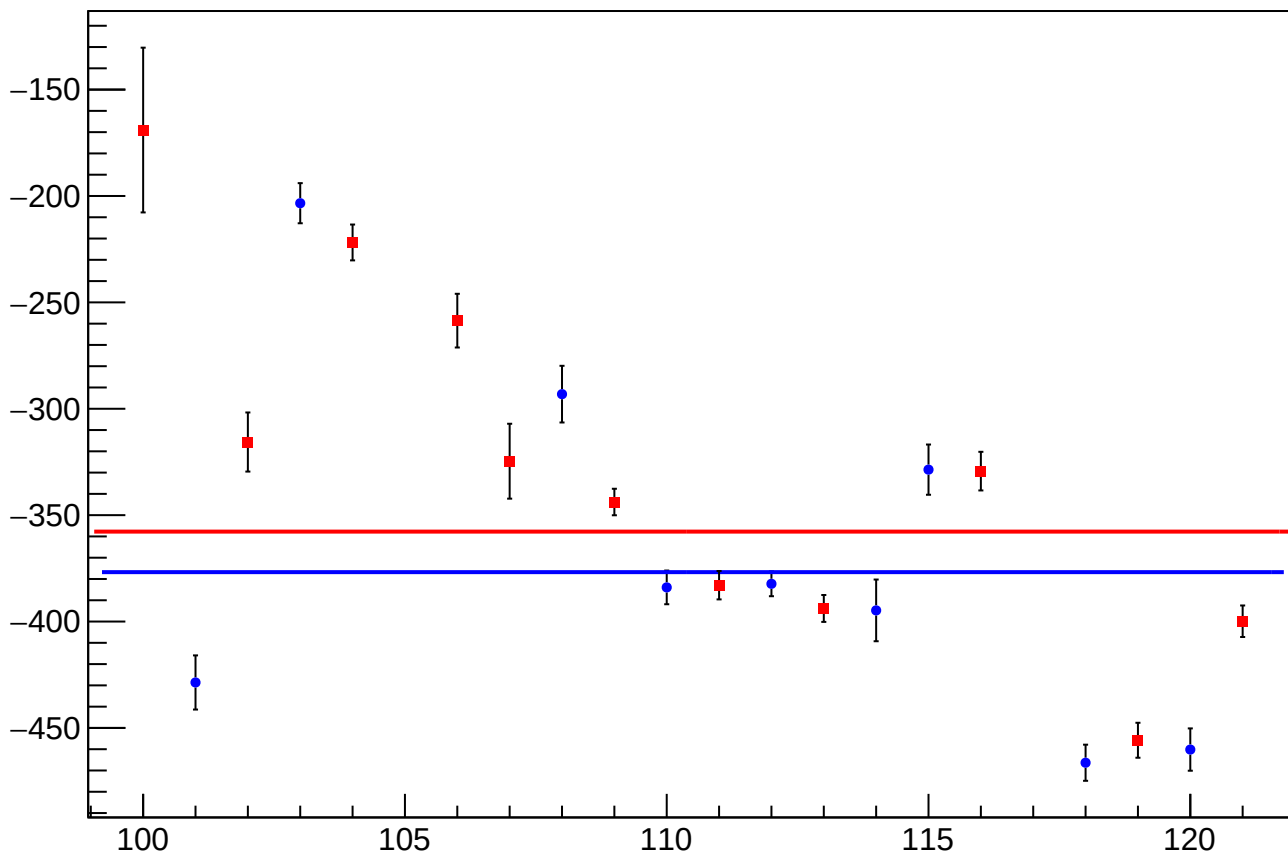
Right: 7.534+/-0.052 χ^2/NDF : 754343.4/19

In: 12.083+/-0.078 χ^2/NDF : 313926.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.534+/-0.052 χ^2/NDF : 754343.4/19

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -376.785+/-3.095 χ^2/NDF : 595.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -357.731+/-2.600 χ^2/NDF : 594.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

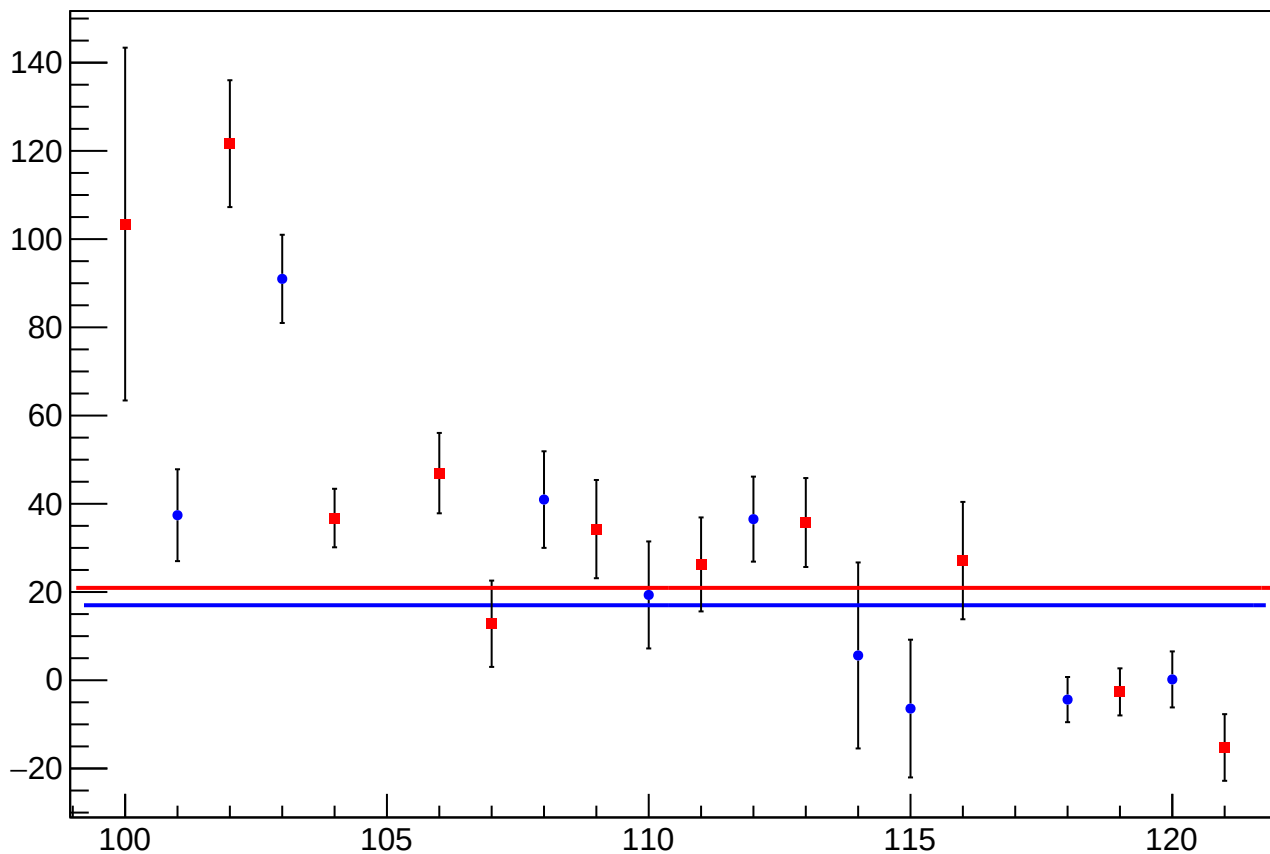
Right: -365.614+/-1.991 χ^2/NDF : 1212.9/19

In: -376.785+/-3.095 χ^2/NDF : 595.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.614+/-1.991 χ^2/NDF : 1212.9/19

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.004 $\pm$ 2.956 χ^2 /NDF: 94.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.940 $\pm$ 2.715 χ^2 /NDF: 114.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

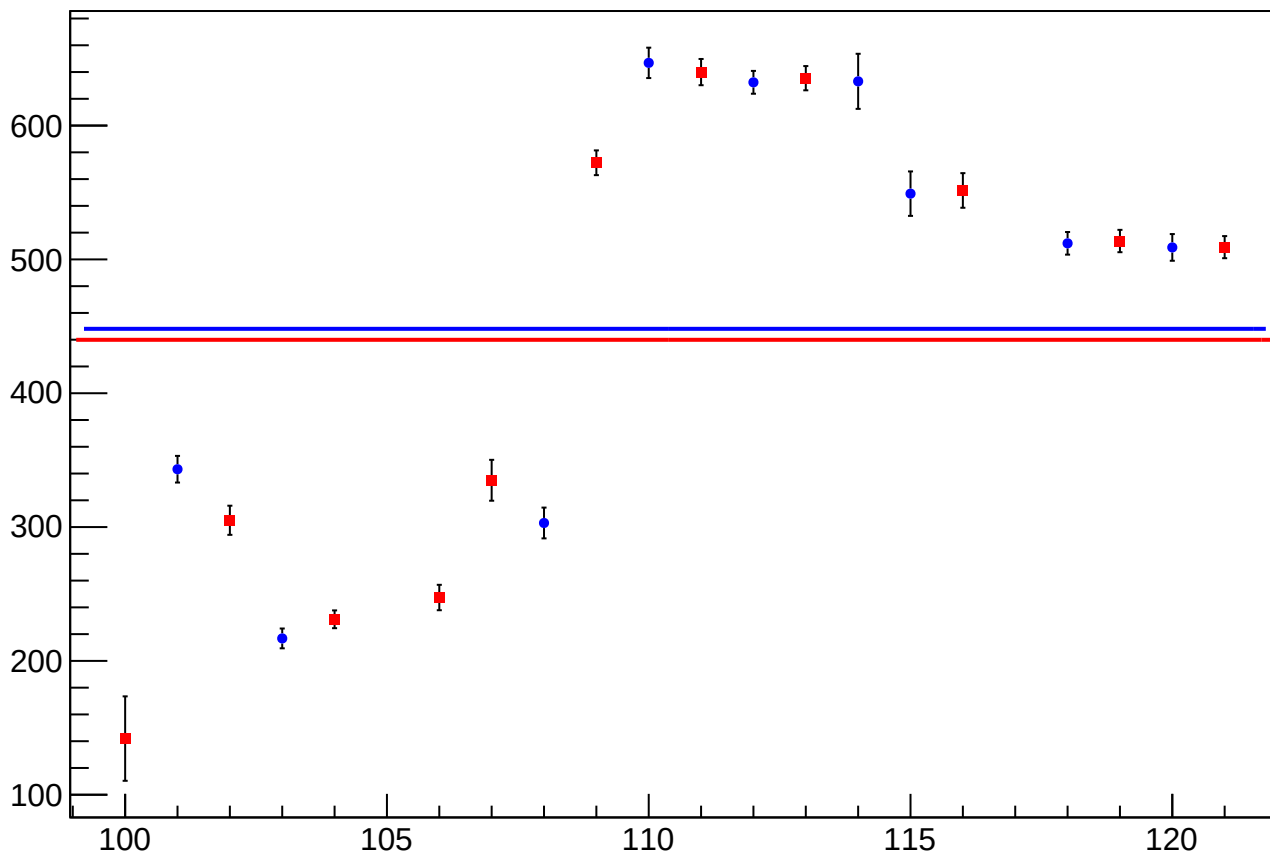
Right: 19.139 $\pm$ 1.999 χ^2 /NDF: 209.8/19

In: 17.004 $\pm$ 2.956 χ^2 /NDF: 94.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.139 $\pm$ 1.999 χ^2 /NDF: 209.8/19

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 448.131+/-3.382 χ^2/NDF : 2232.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.924+/-2.926 χ^2/NDF : 2999.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

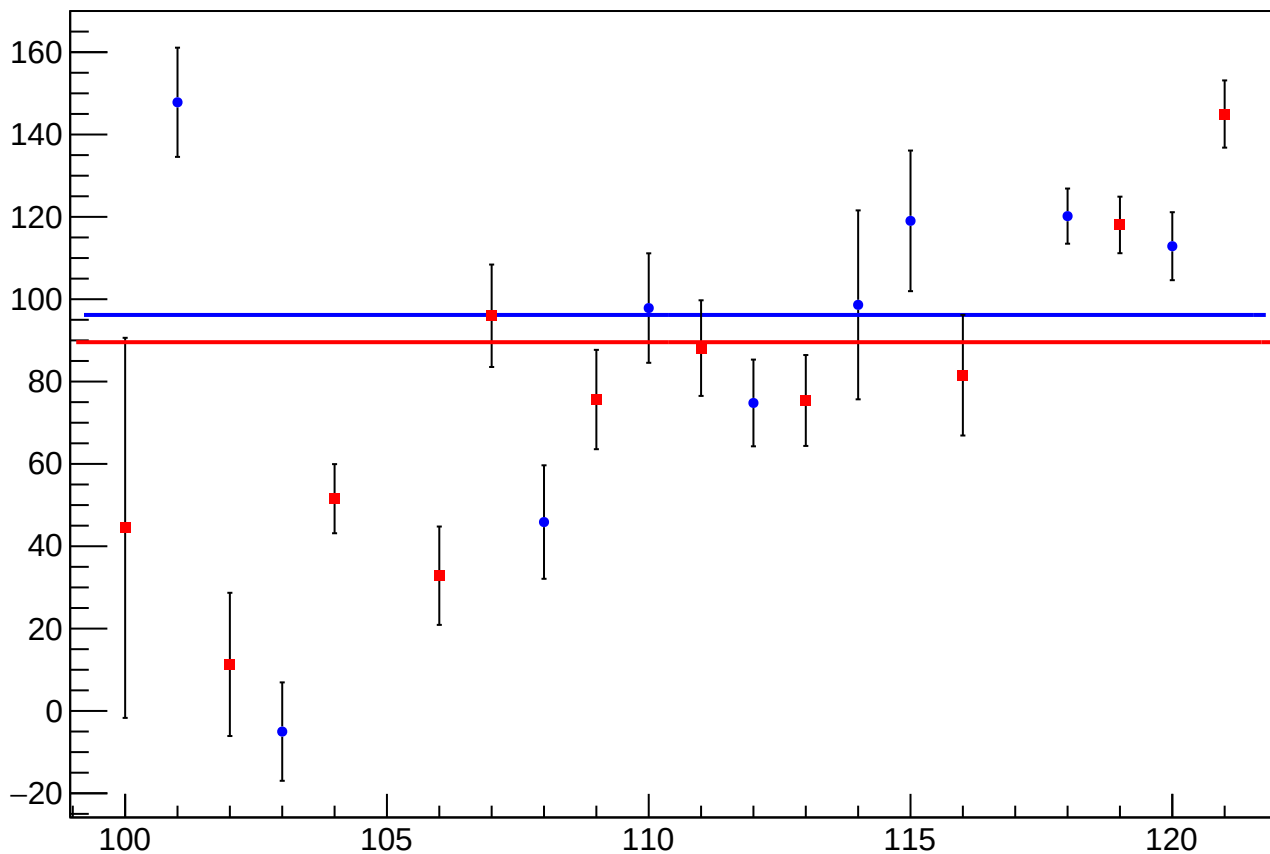
Right: 443.438+/-2.213 χ^2/NDF : 5235.0/19

In: 448.131+/-3.382 χ^2/NDF : 2232.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.438+/-2.213 χ^2/NDF : 5235.0/19

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 96.180 $\pm$ 3.654 χ^2 /NDF: 123.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.564 $\pm$ 3.248 χ^2 /NDF: 131.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

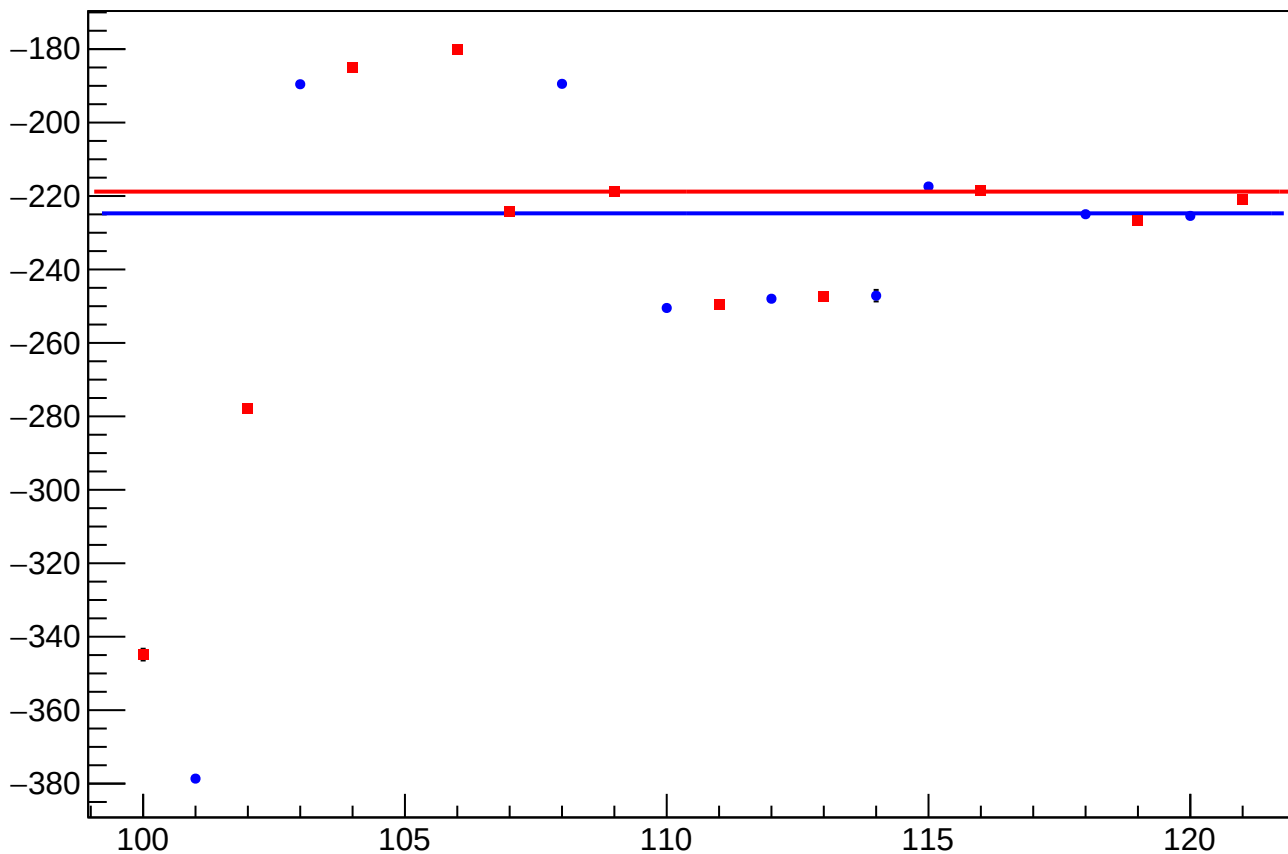
Right: 92.484 $\pm$ 2.427 χ^2 /NDF: 256.0/19

In: 96.180 $\pm$ 3.654 χ^2 /NDF:123.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.484 $\pm$ 2.427 χ^2 /NDF: 256.0/19

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.719+/-0.196 χ^2/NDF : 87600.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.800+/-0.176 χ^2/NDF : 41848.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

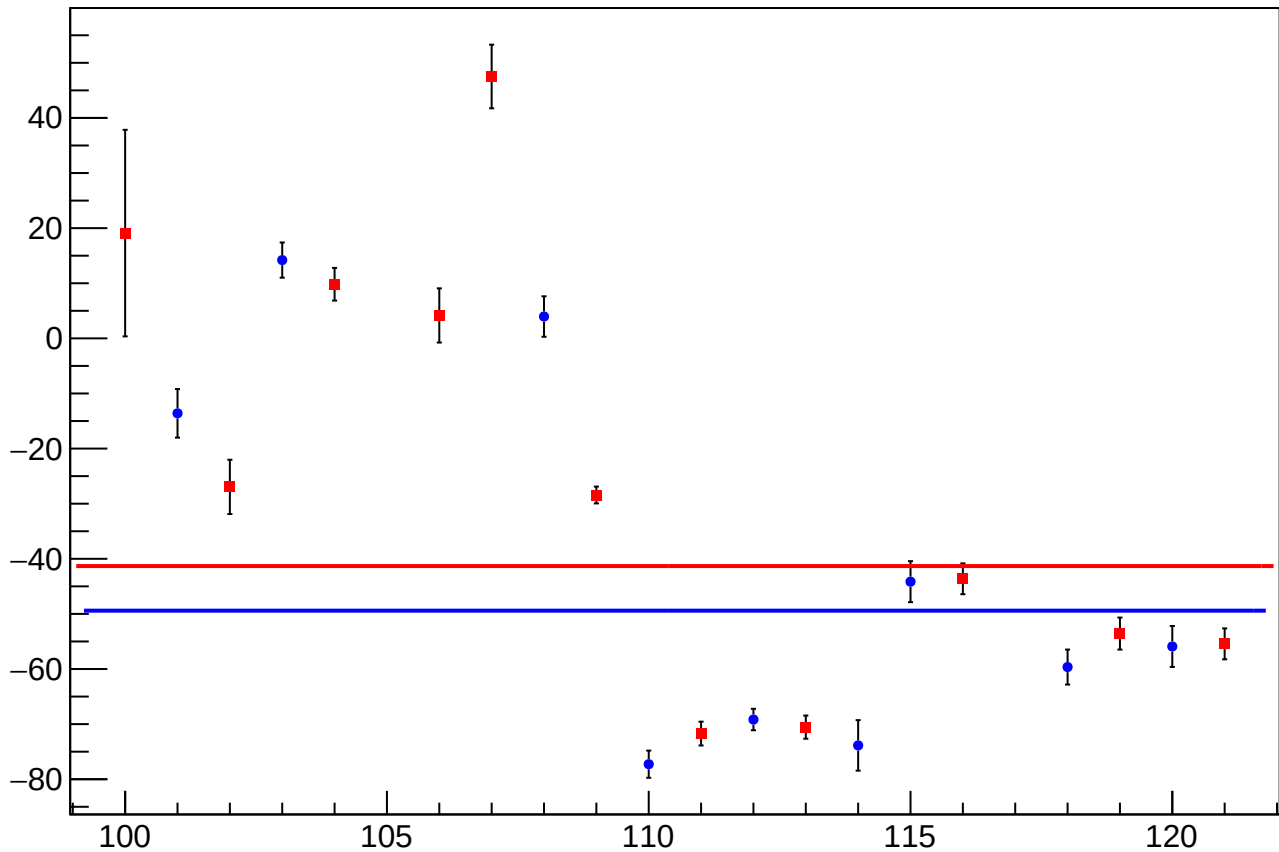
Right: -221.436+/-0.131 χ^2/NDF : 129953.9/19

In: -224.719+/-0.196 χ^2/NDF : 87600.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.436+/-0.131 χ^2/NDF : 129953.9/19

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -49.411+/-1.029 χ^2/NDF : 949.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.319+/-0.824 χ^2/NDF : 1145.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

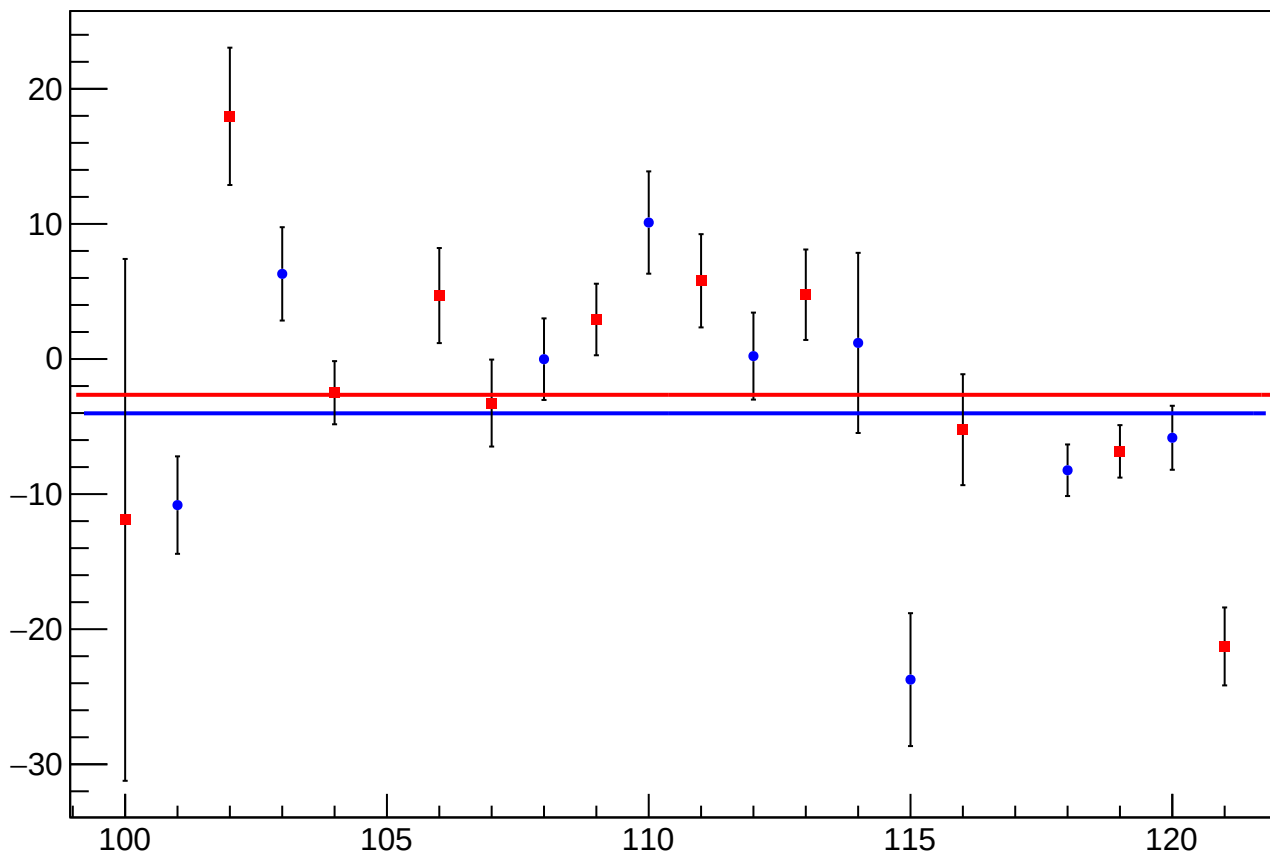
Right: -44.480+/-0.643 χ^2/NDF : 2132.6/19

In: -49.411+/-1.029 χ^2/NDF : 949.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.480+/-0.643 χ^2/NDF : 2132.6/19

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.020+/-1.025 χ^2/NDF : 52.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.650+/-0.928 χ^2/NDF : 83.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

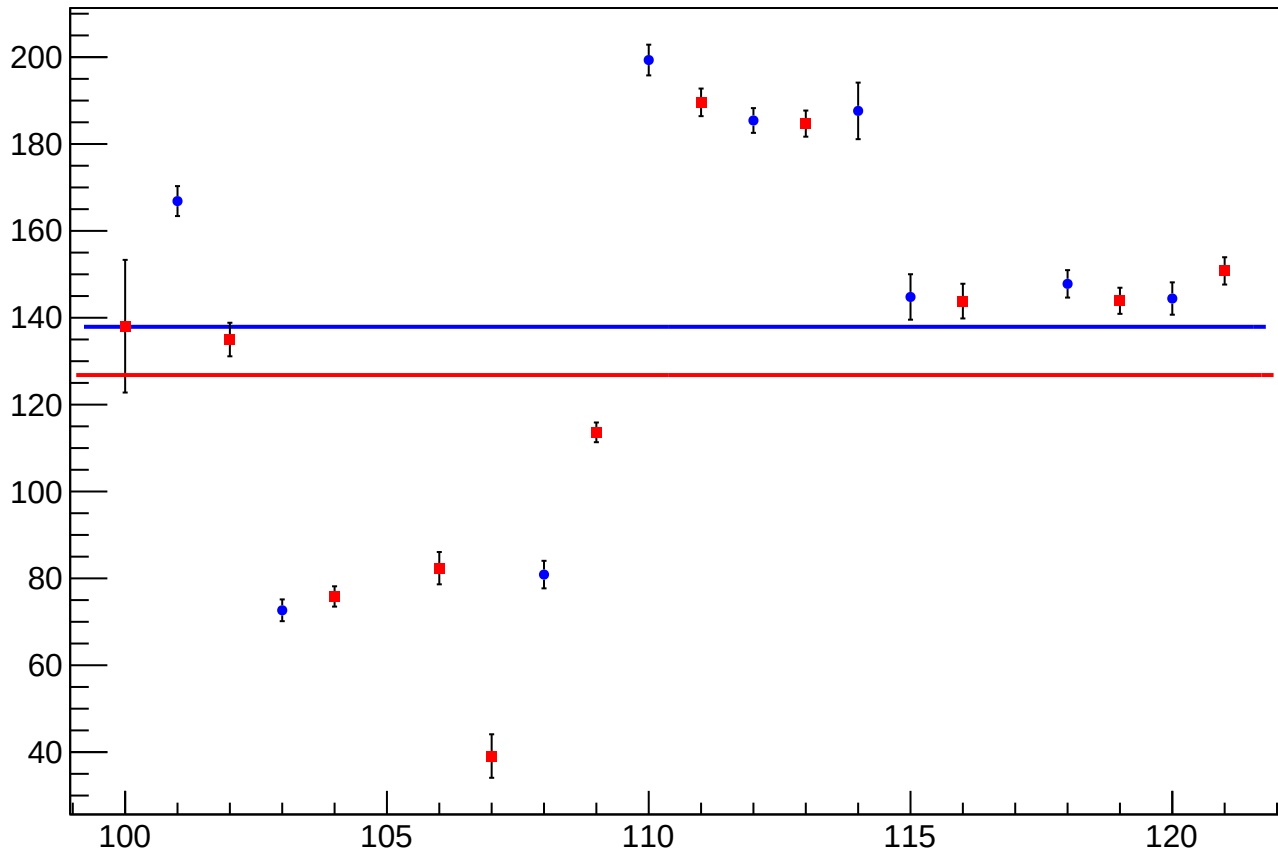
Right: -3.267+/-0.688 χ^2/NDF : 136.1/19

In: -4.020+/-1.025 χ^2/NDF : 52.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.267+/-0.688 χ^2/NDF : 136.1/19

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 137.920+/-1.133 χ^2/NDF : 1724.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.812+/-0.978 χ^2/NDF : 1834.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

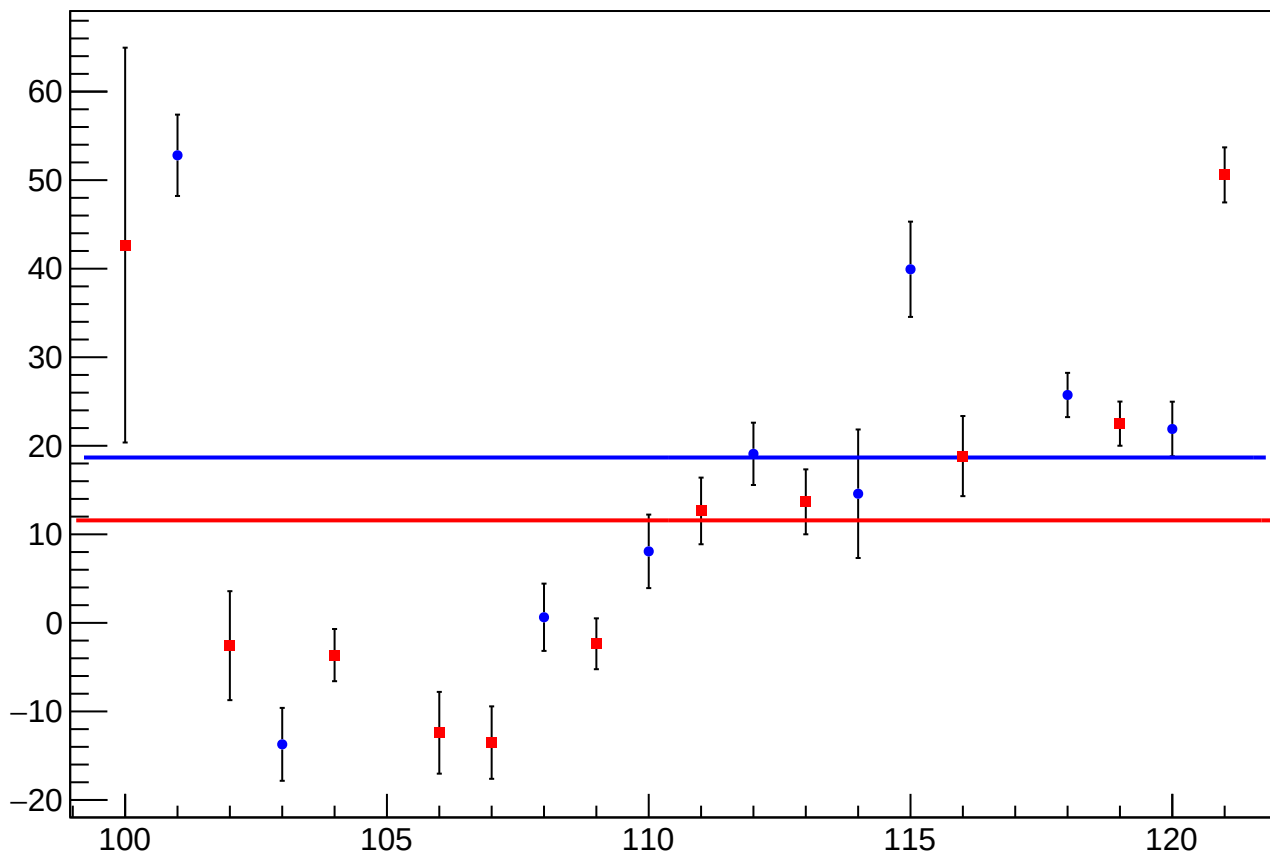
Right: 131.554+/-0.741 χ^2/NDF : 3613.9/19

In: 137.920+/-1.133 χ^2/NDF : 1724.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.554+/-0.741 χ^2/NDF : 3613.9/19

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.677 $\pm$ 1.256 χ^2 /NDF: 171.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.576 $\pm$ 1.098 χ^2 /NDF: 301.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

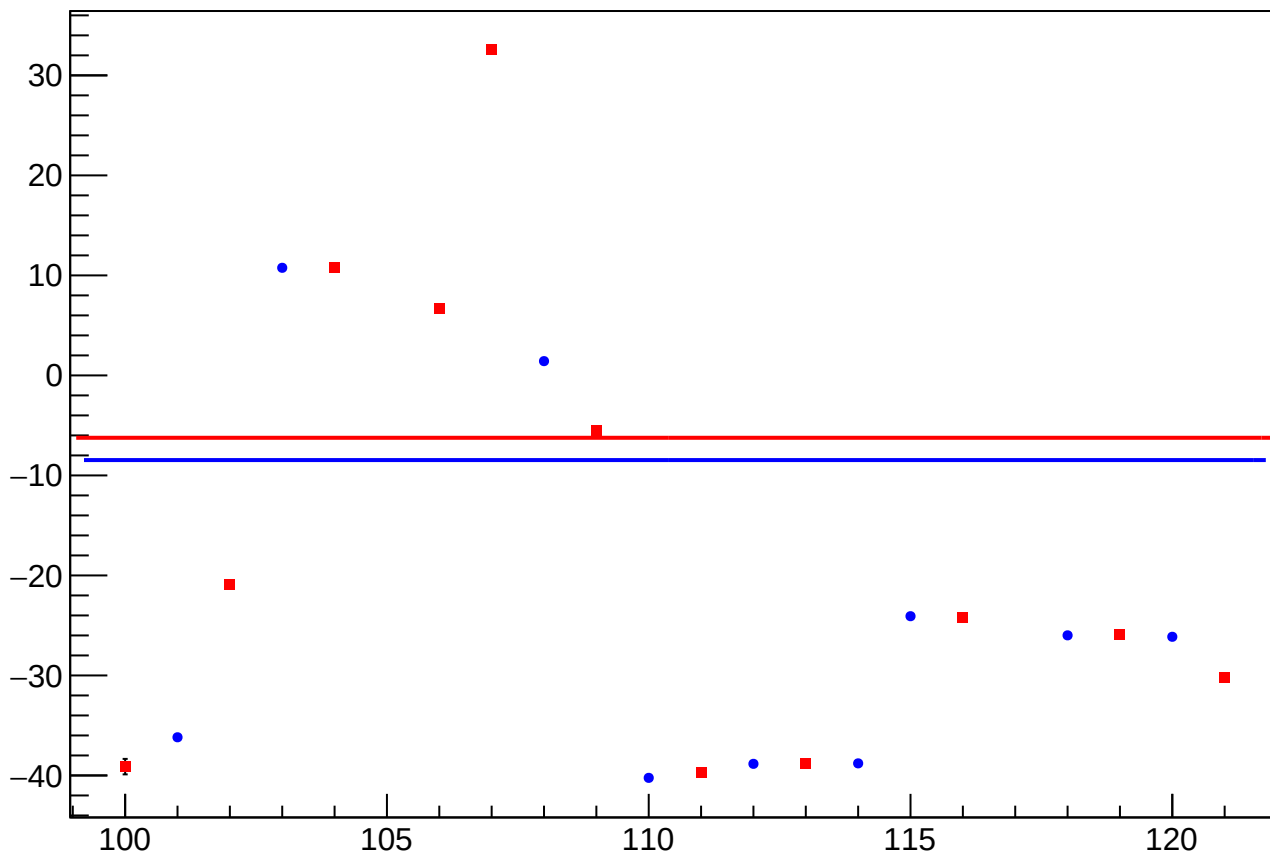
Right: 14.651 $\pm$ 0.827 χ^2 /NDF: 490.9/19

In: 18.677 $\pm$ 1.256 χ^2 /NDF:171.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.651 $\pm$ 0.827 χ^2 /NDF: 490.9/19

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.465+/-0.064 χ^2/NDF : 101893.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.236+/-0.060 χ^2/NDF : 130050.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

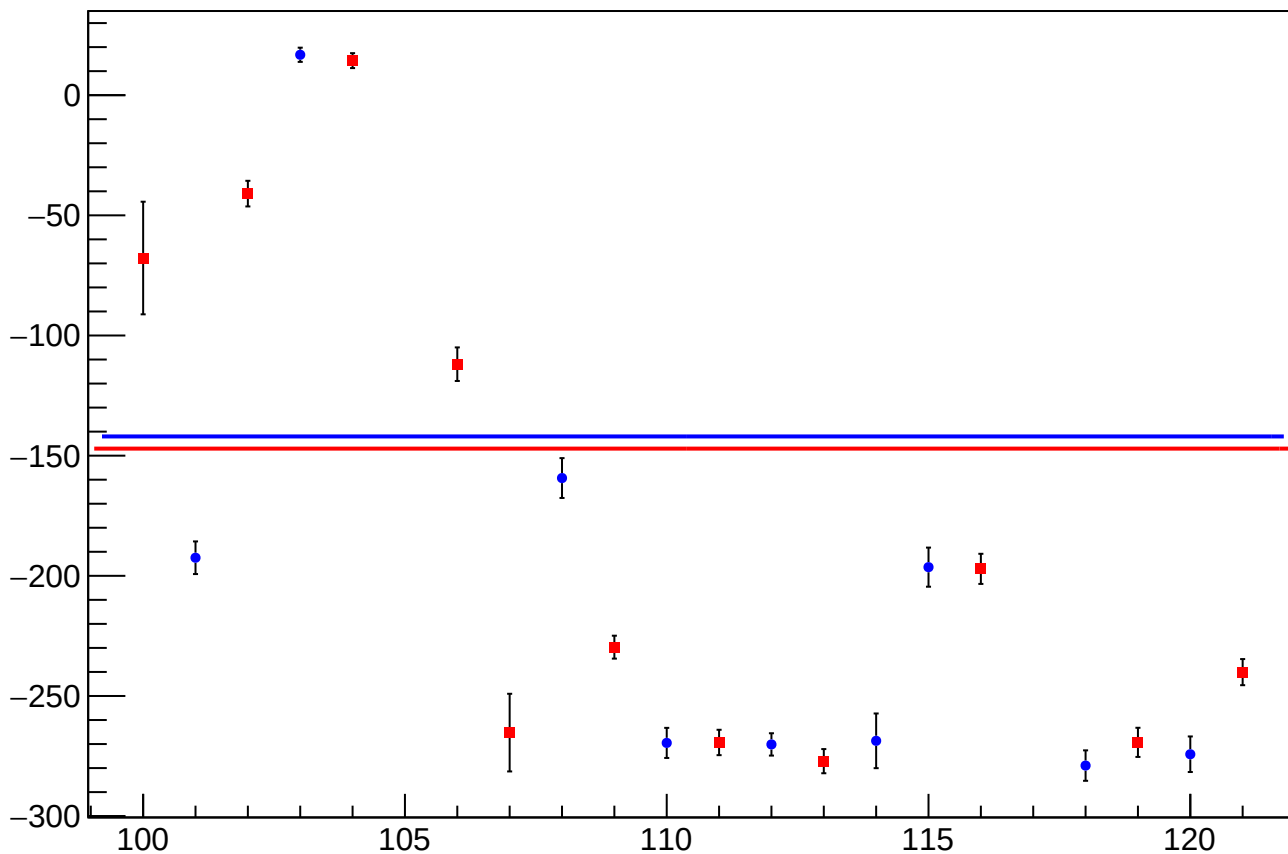
Right: -7.271+/-0.044 χ^2/NDF : 232595.5/19

In: -8.465+/-0.064 χ^2/NDF : 101893.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.271+/-0.044 χ^2/NDF : 232595.5/19

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -142.003+/-1.862 χ^2/NDF : 5076.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.067+/-1.642 χ^2/NDF : 5459.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

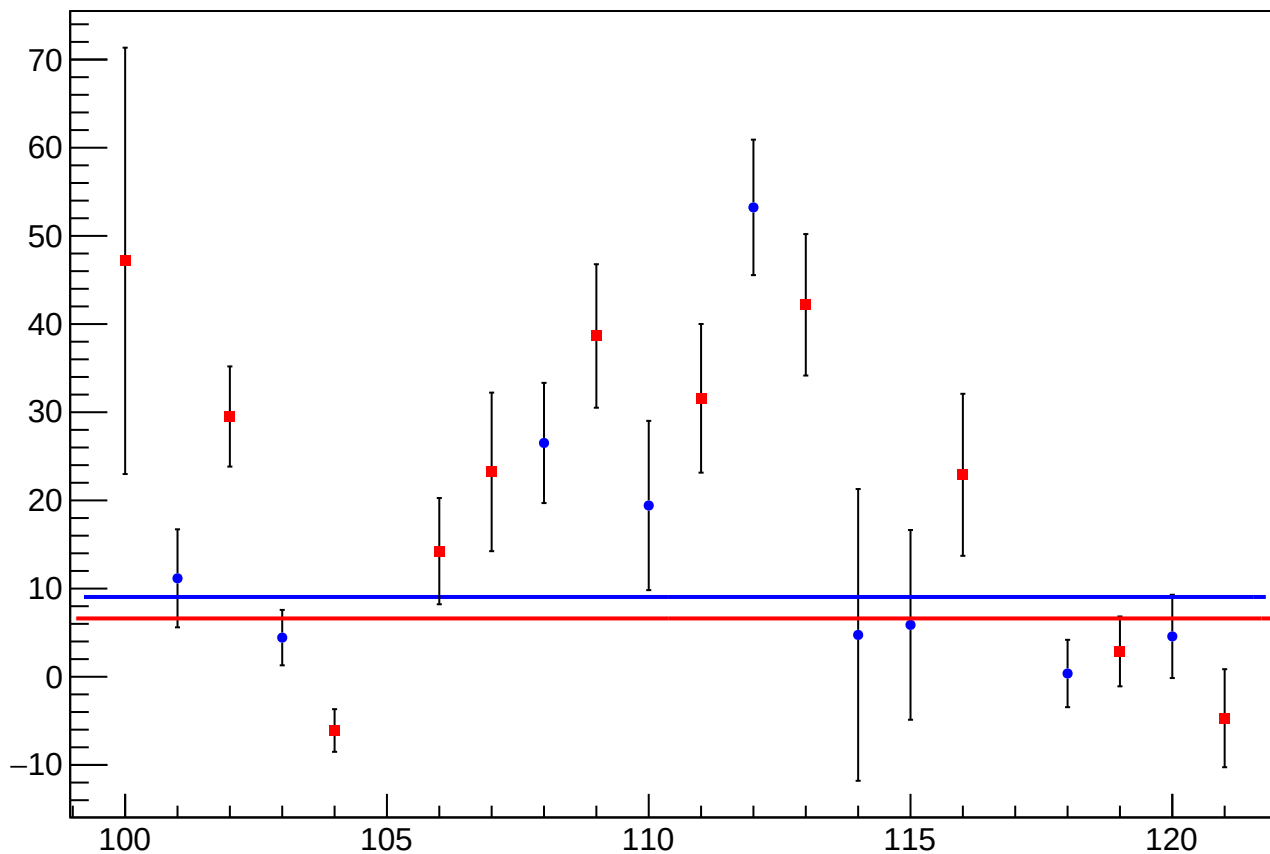
Right: -144.851+/-1.231 χ^2/NDF : 10539.6/19

In: -142.003+/-1.862 χ^2/NDF : 5076.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.851+/-1.231 χ^2/NDF : 10539.6/19

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.048+/-1.800 χ^2/NDF : 49.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.614+/-1.589 χ^2/NDF : 103.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

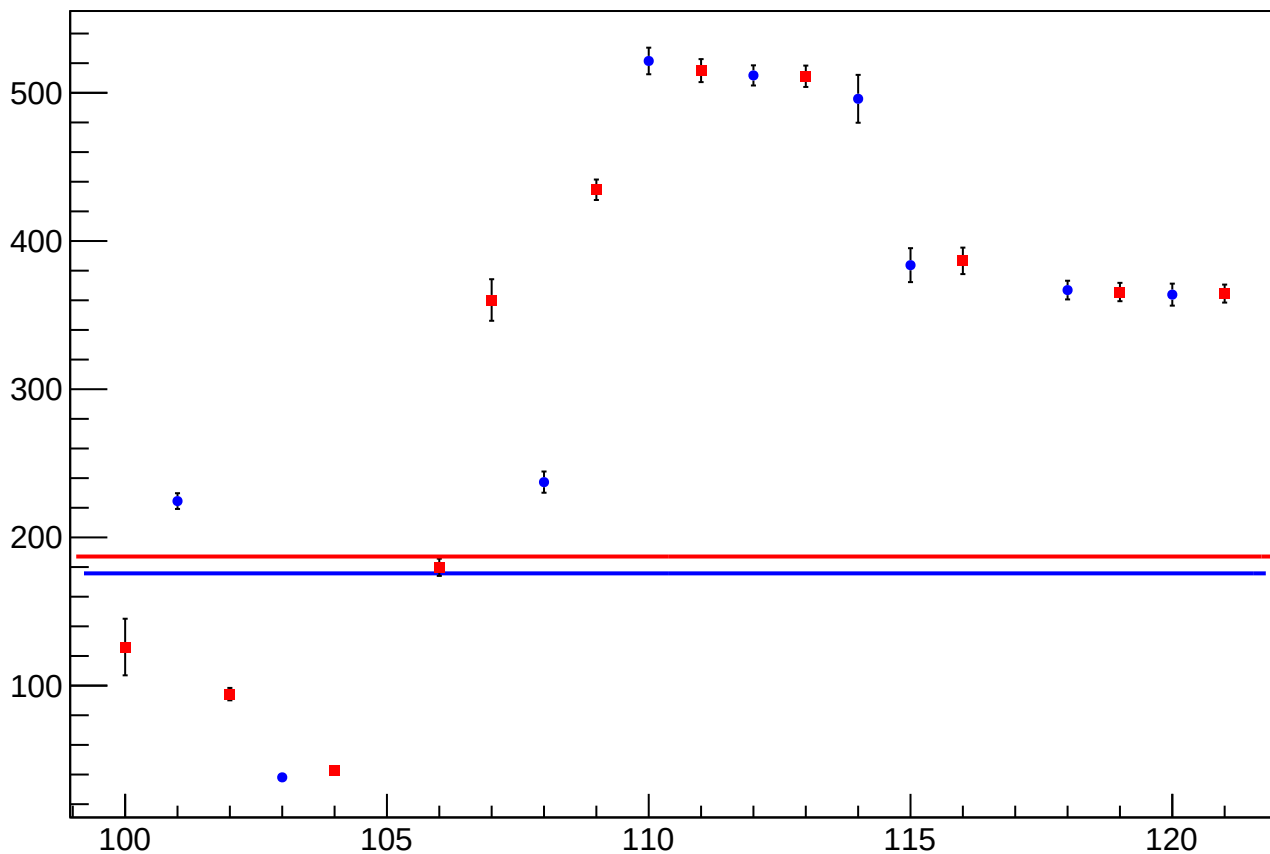
Right: 7.680+/-1.191 χ^2/NDF : 154.1/19

In: 9.048+/-1.800 χ^2/NDF : 49.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.680+/-1.191 χ^2/NDF : 154.1/19

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 175.740+/-1.743 χ^2/NDF : 9879.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.111+/-1.614 χ^2/NDF : 11402.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

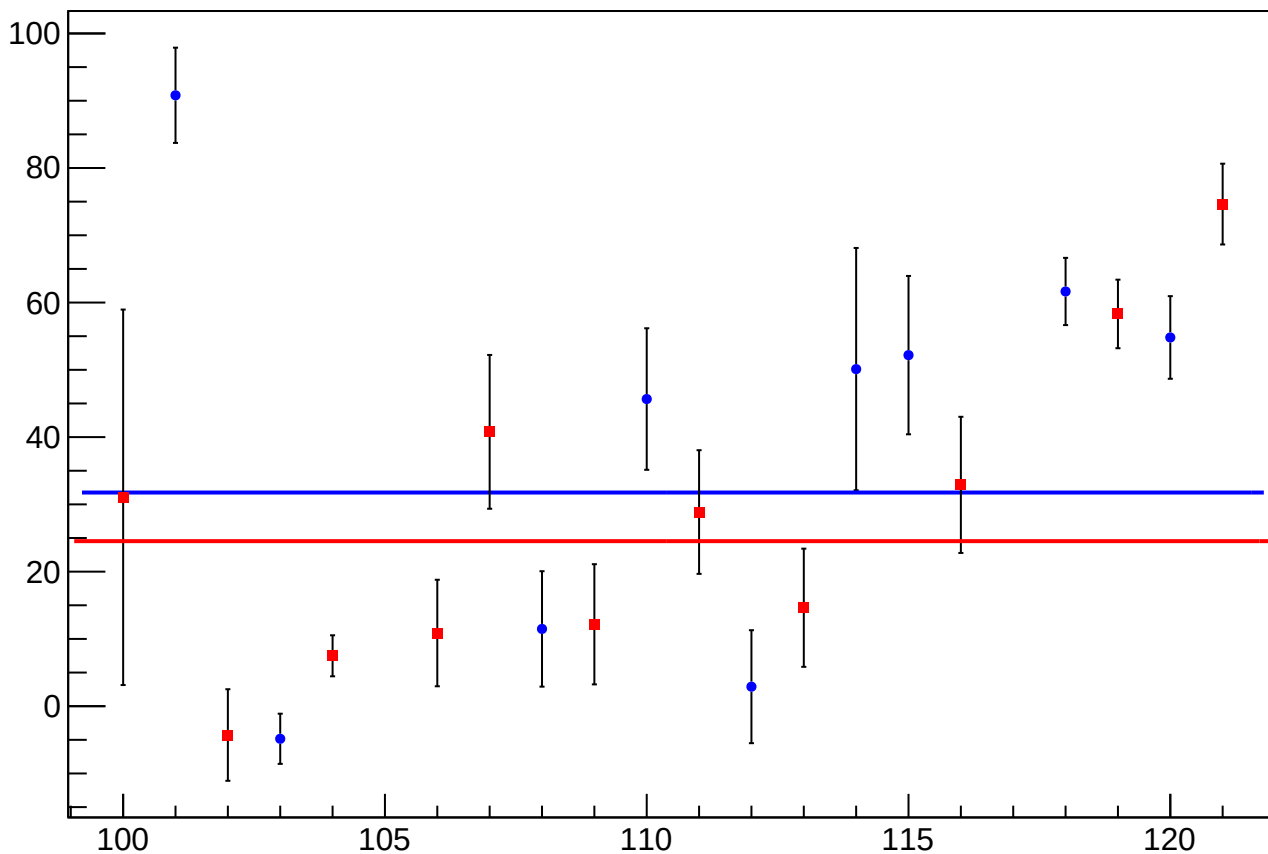
Right: 181.864+/-1.184 χ^2/NDF : 21304.4/19

In: 175.740+/-1.743 χ^2/NDF : 9879.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.864+/-1.184 χ^2/NDF : 21304.4/19

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.761+/-2.206 χ^2/NDF : 238.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.534+/-1.934 χ^2/NDF : 171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

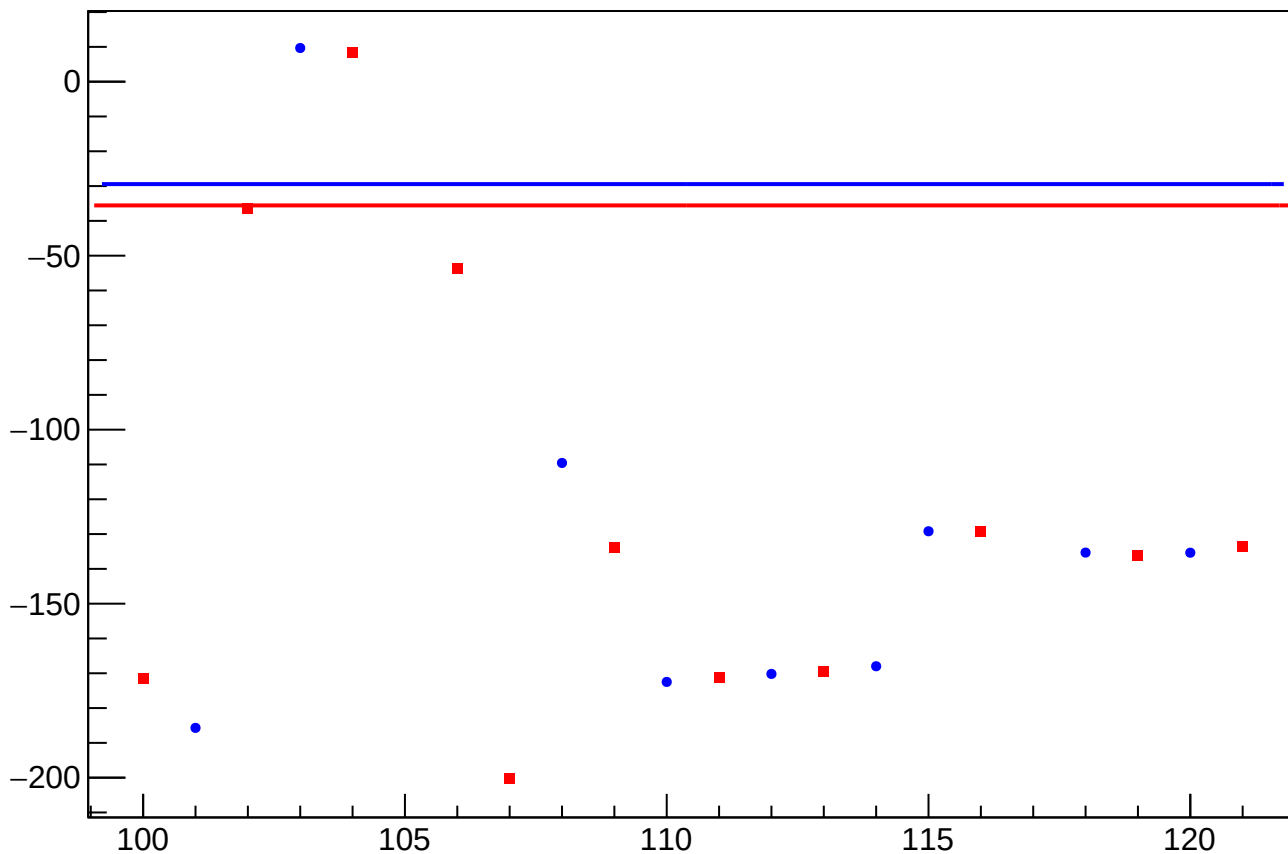
Right: 27.675+/-1.454 χ^2/NDF : 416.9/19

In: 31.761+/-2.206 χ^2/NDF : 238.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.675+/-1.454 χ^2/NDF : 416.9/19

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.434+/-0.083 χ^2/NDF : 693319.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.559+/-0.083 χ^2/NDF : 506864.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

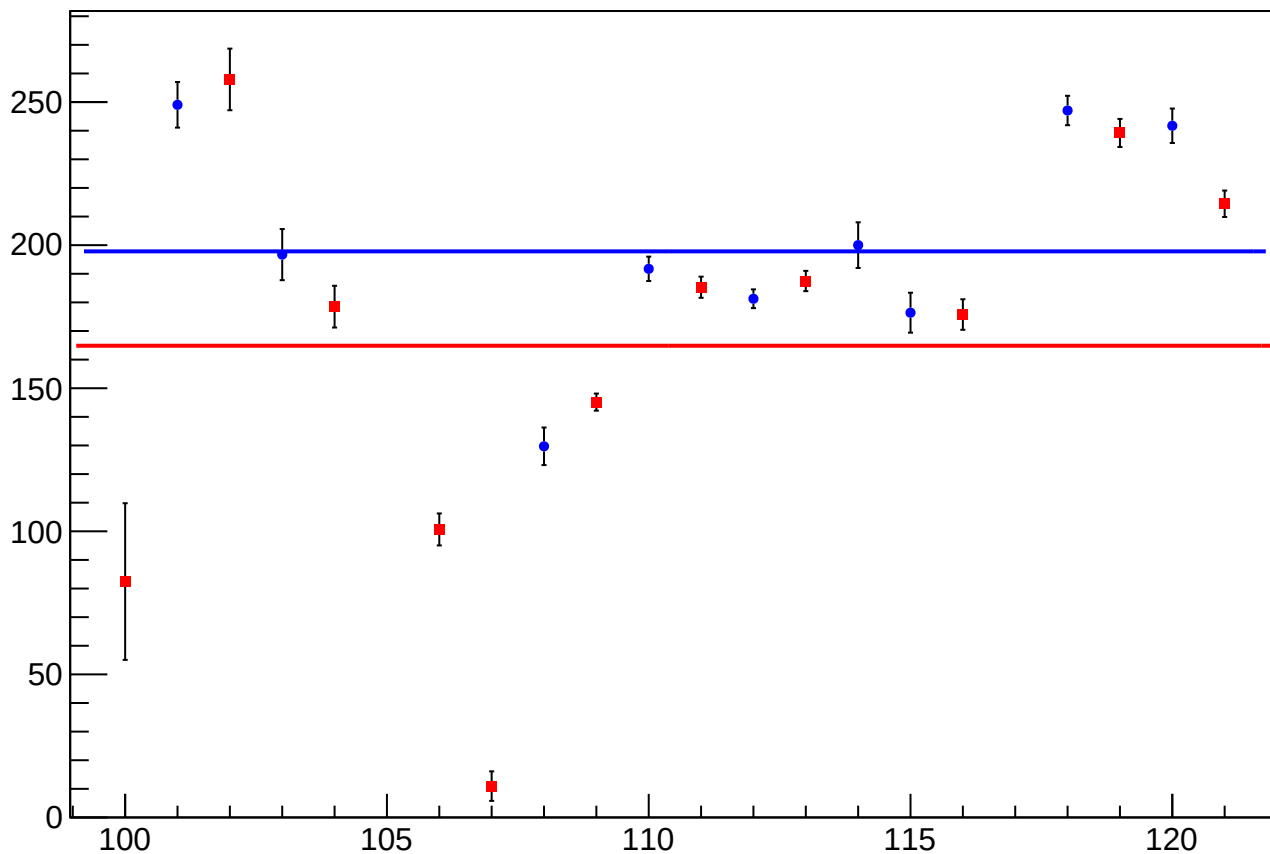
Right: -32.520+/-0.059 χ^2/NDF : 1202896.0/19

In: -29.434+/-0.083 χ^2/NDF : 693319.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.520+/-0.059 χ^2/NDF : 1202896.0/19

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 197.832 $\pm$ 1.821 χ^2 /NDF: 331.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.851 $\pm$ 1.433 χ^2 /NDF: 1573.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

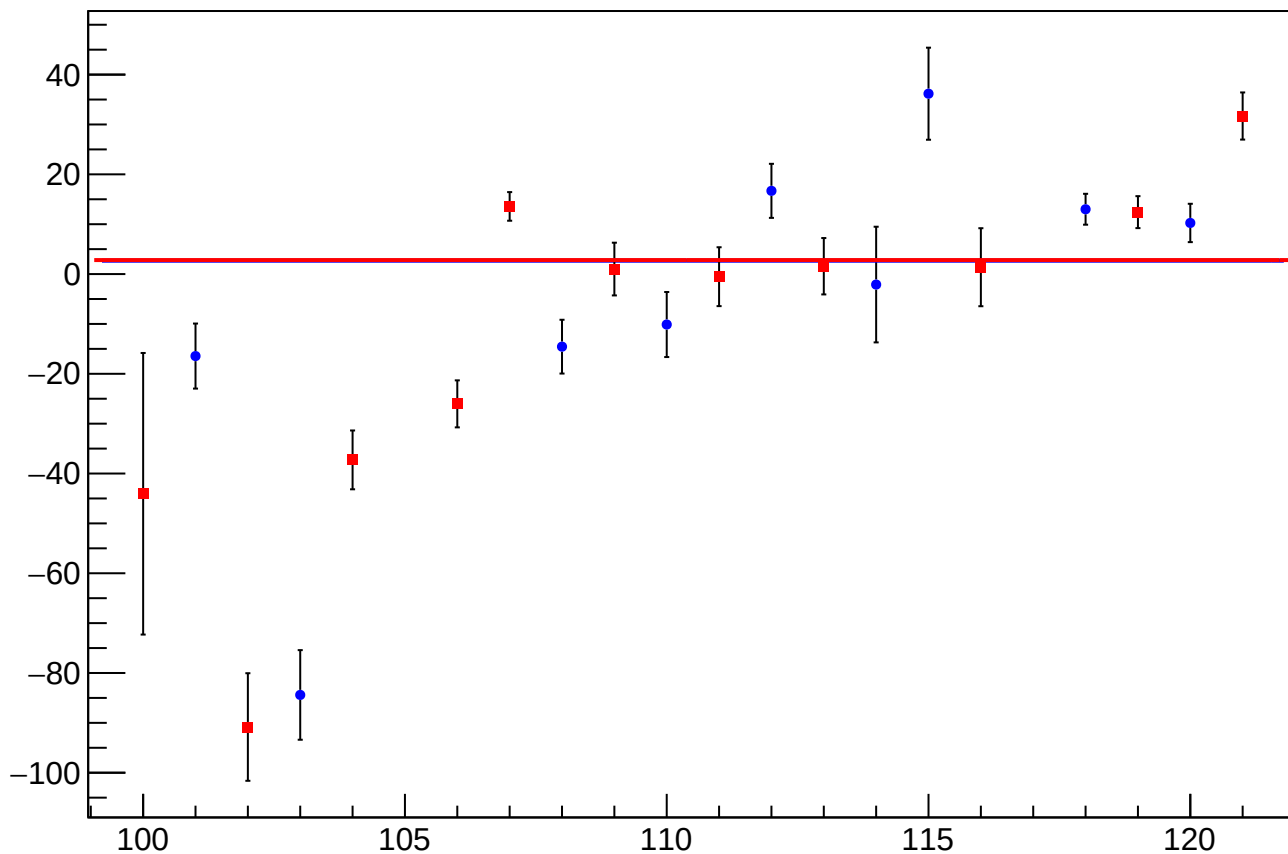
Right: 177.466 $\pm$ 1.126 χ^2 /NDF: 2106.6/19

In: 197.832 $\pm$ 1.821 χ^2 /NDF:331.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 177.466 $\pm$ 1.126 χ^2 /NDF: 2106.6/19

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.683+/-1.771 χ^2/NDF : 151.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.807+/-1.476 χ^2/NDF : 222.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

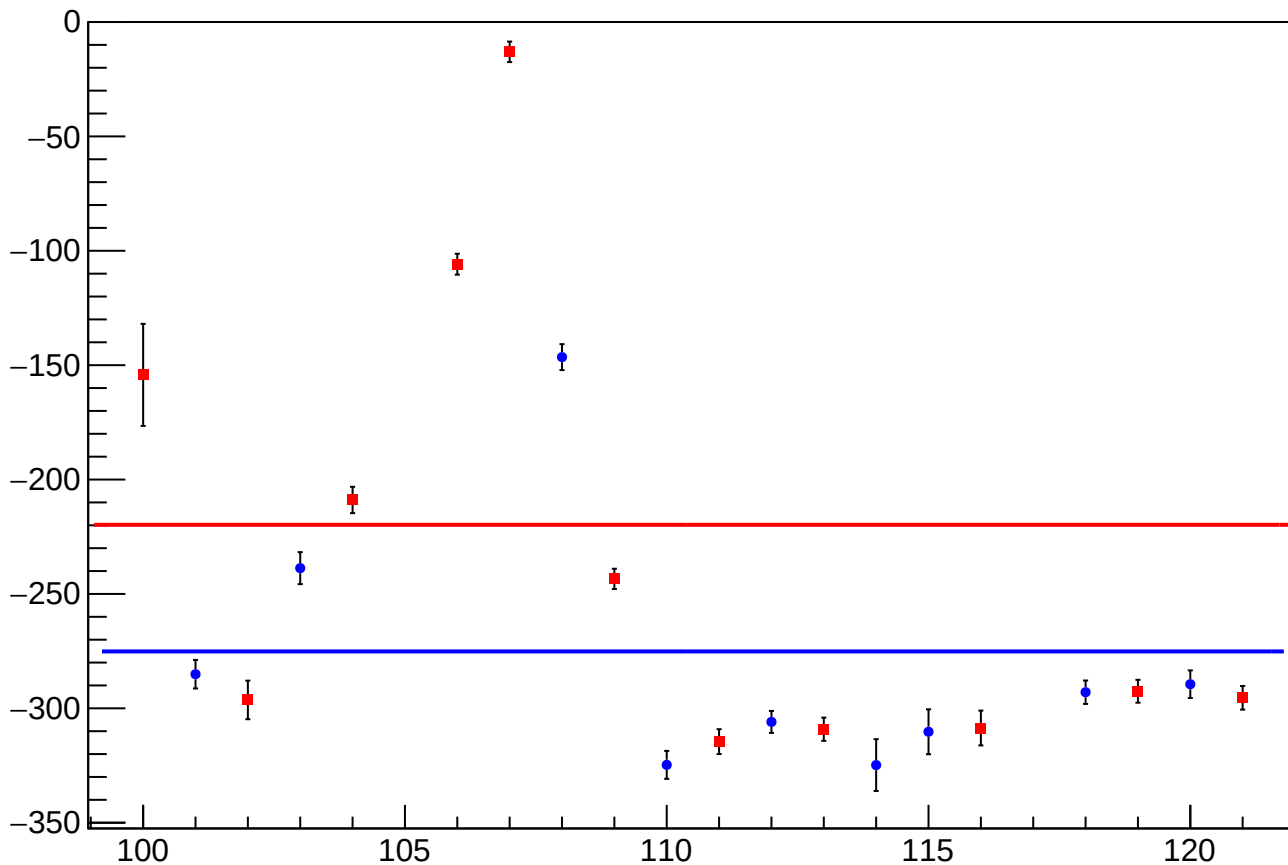
Right: 2.756+/-1.134 χ^2/NDF : 374.2/19

In: 2.683+/-1.771 χ^2/NDF : 151.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.756+/-1.134 χ^2/NDF : 374.2/19

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -275.128+/-2.079 χ^2/NDF : 702.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.778+/-1.661 χ^2/NDF : 4055.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

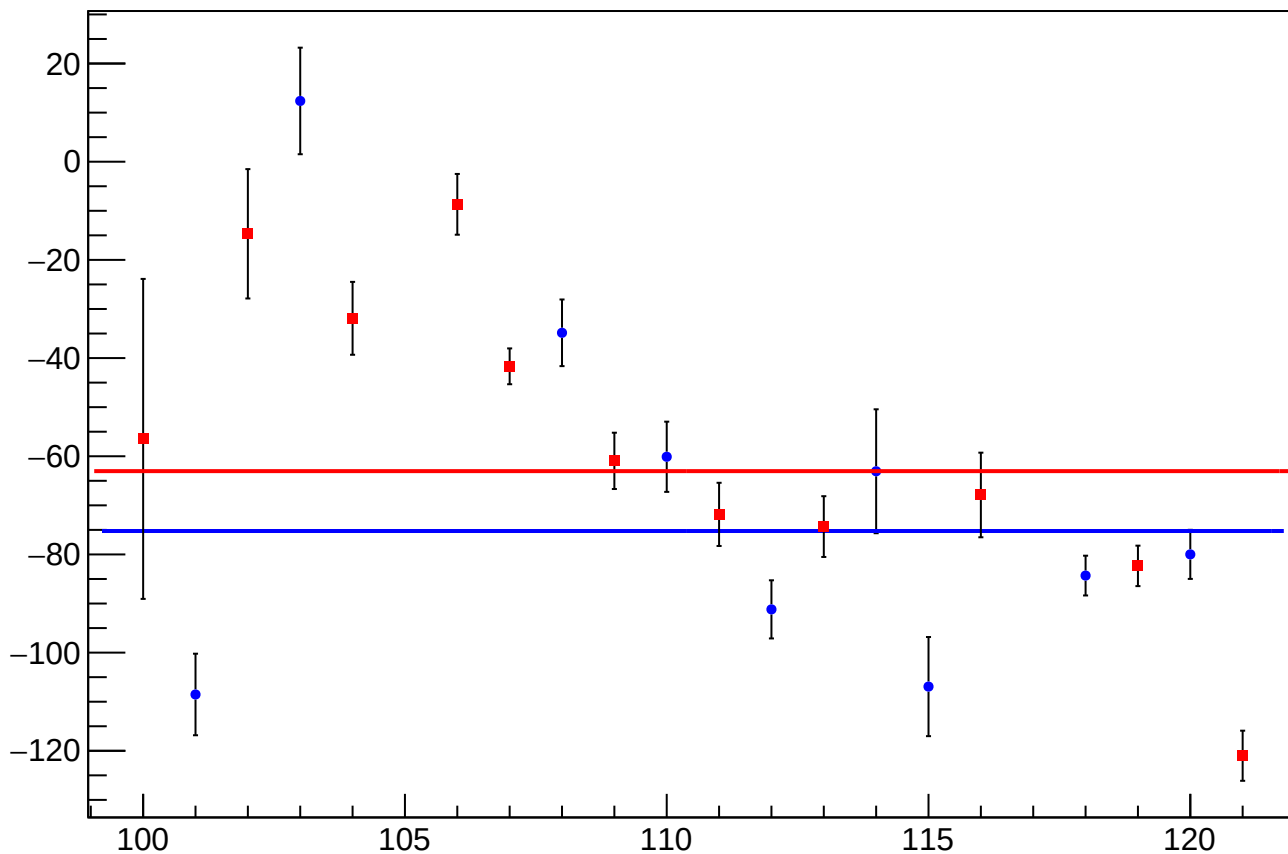
Right: -241.337+/-1.298 χ^2/NDF : 5189.8/19

In: -275.128+/-2.079 χ^2/NDF : 702.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.337+/-1.298 χ^2/NDF : 5189.8/19

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.226 ± 2.183 χ^2/NDF : 145.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.030 ± 1.775 χ^2/NDF : 299.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

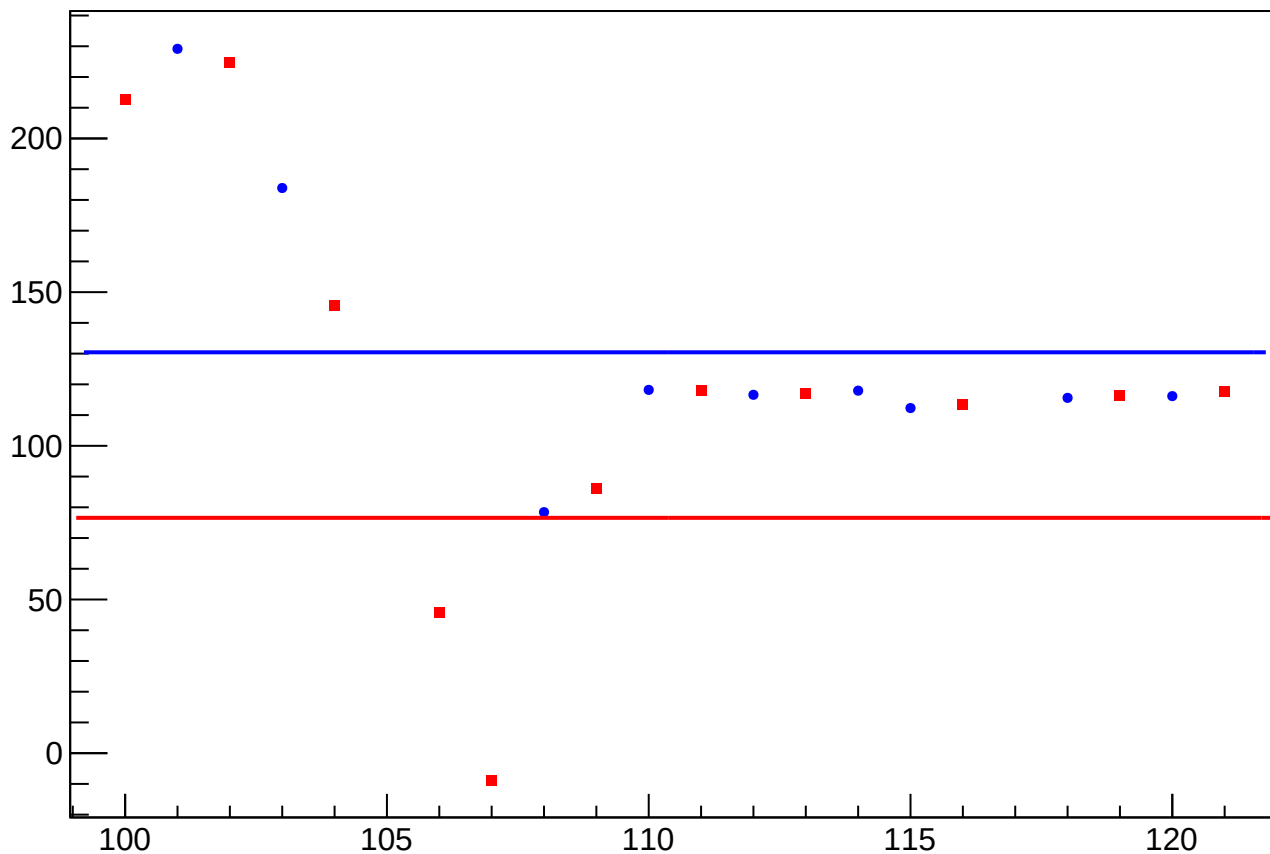
Right: -67.883 ± 1.377 χ^2/NDF : 462.9/19

In: -75.226 ± 2.183 χ^2/NDF : 145.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.883 ± 1.377 χ^2/NDF : 462.9/19

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 130.428+/-0.127 χ^2/NDF : 157714.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 76.572+/-0.096 χ^2/NDF : 519650.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

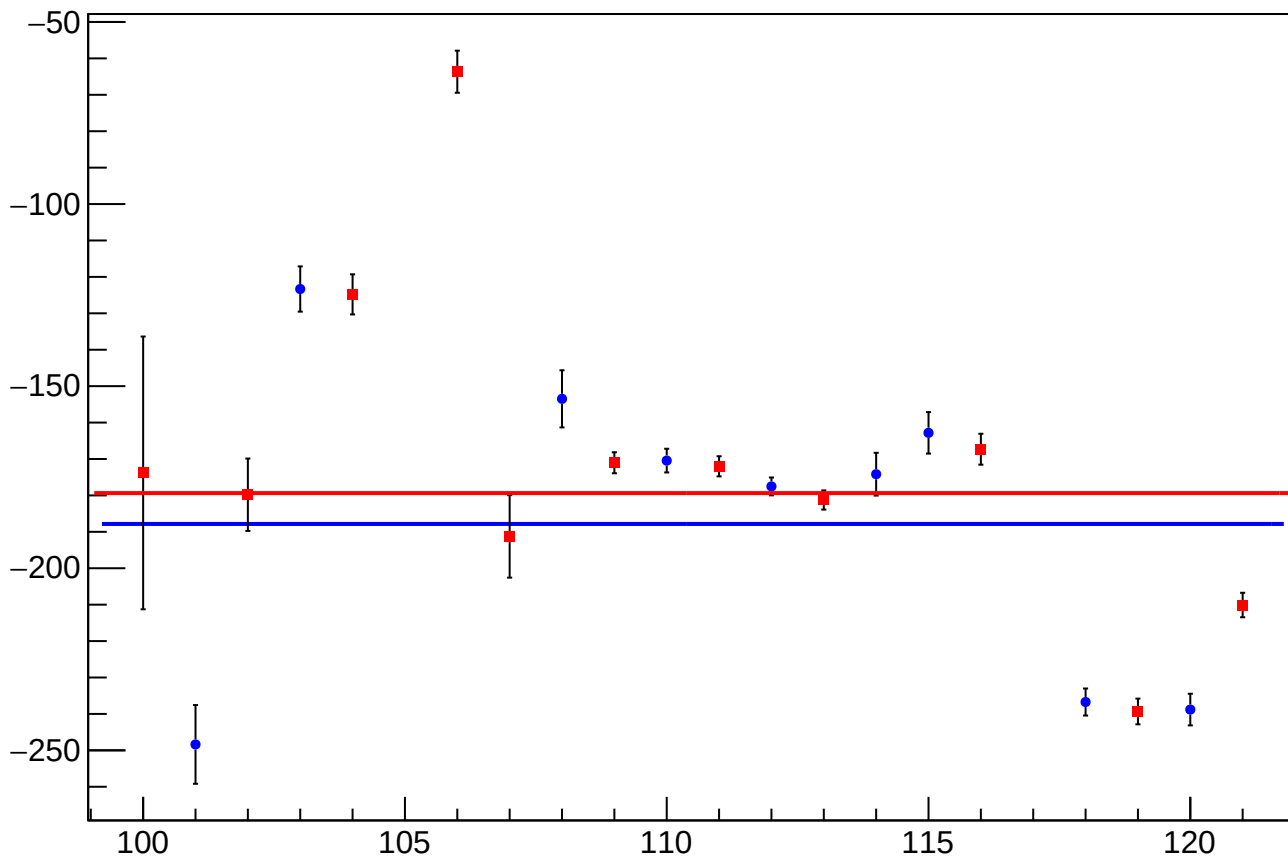
Right: 96.010+/-0.076 χ^2/NDF : 791863.6/19

In: 130.428+/-0.127 χ^2/NDF :157714.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 96.010+/-0.076 χ^2/NDF : 791863.6/19

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -187.837 ± 1.418 χ^2/NDF : 540.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -179.363 ± 1.194 χ^2/NDF : 896.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

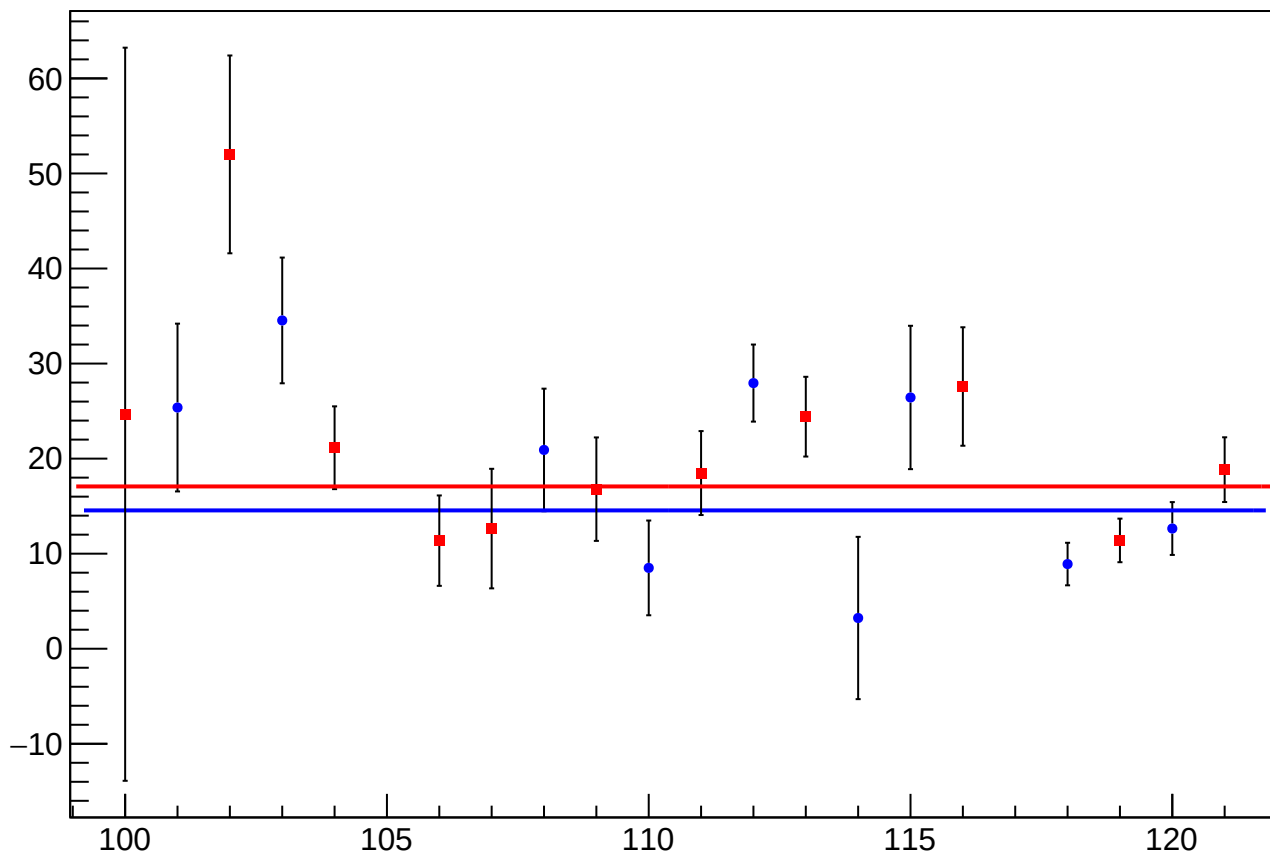
Right: -182.878 ± 0.913 χ^2/NDF : 1457.5/19

In: -187.837 ± 1.418 χ^2/NDF : 540.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -182.878 ± 0.913 χ^2/NDF : 1457.5/19

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.552+/-1.385 χ^2/NDF : 35.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.073+/-1.317 χ^2/NDF : 26.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

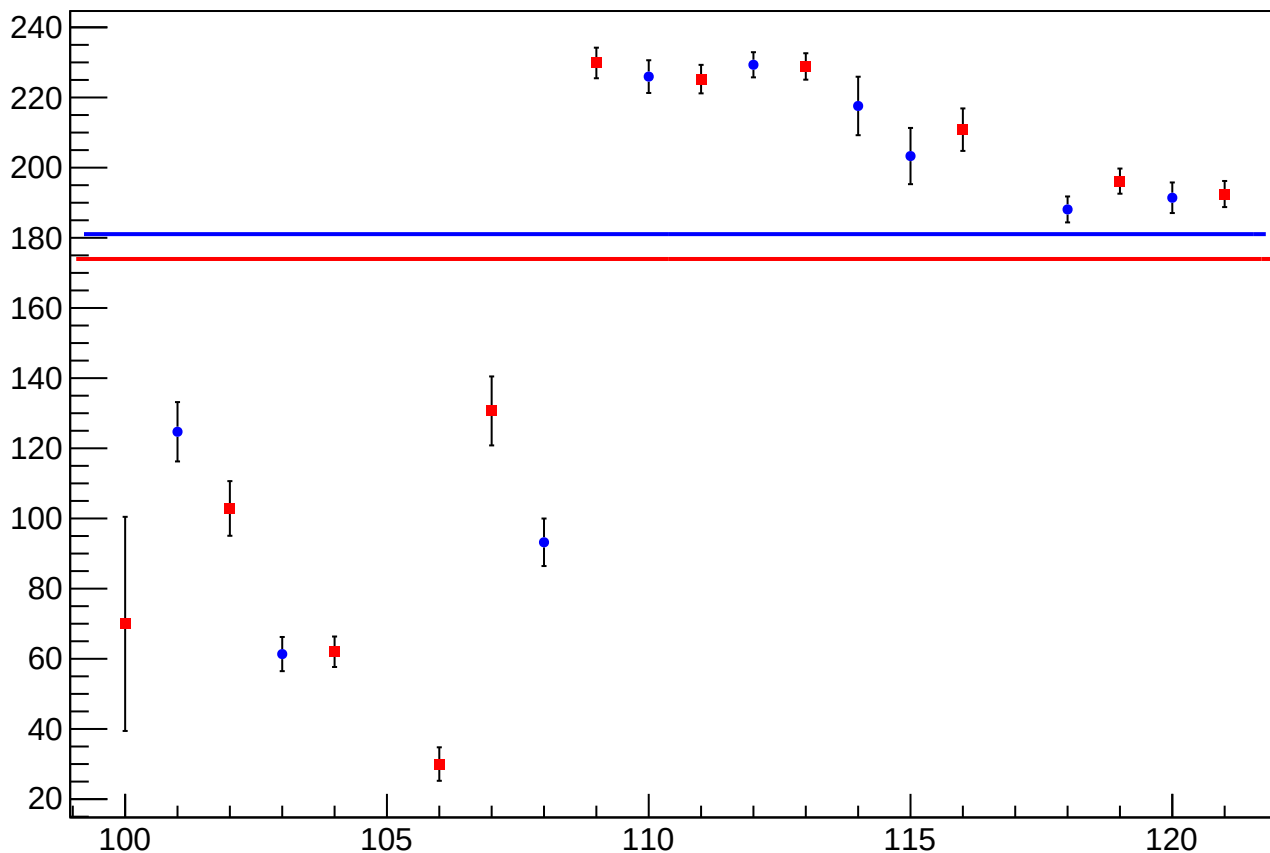
Right: 15.876+/-0.954 χ^2/NDF : 63.3/19

In: 14.552+/-1.385 χ^2/NDF : 35.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.876+/-0.954 χ^2/NDF : 63.3/19

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 181.049+/-1.673 χ^2/NDF : 1126.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.967+/-1.435 χ^2/NDF : 2324.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

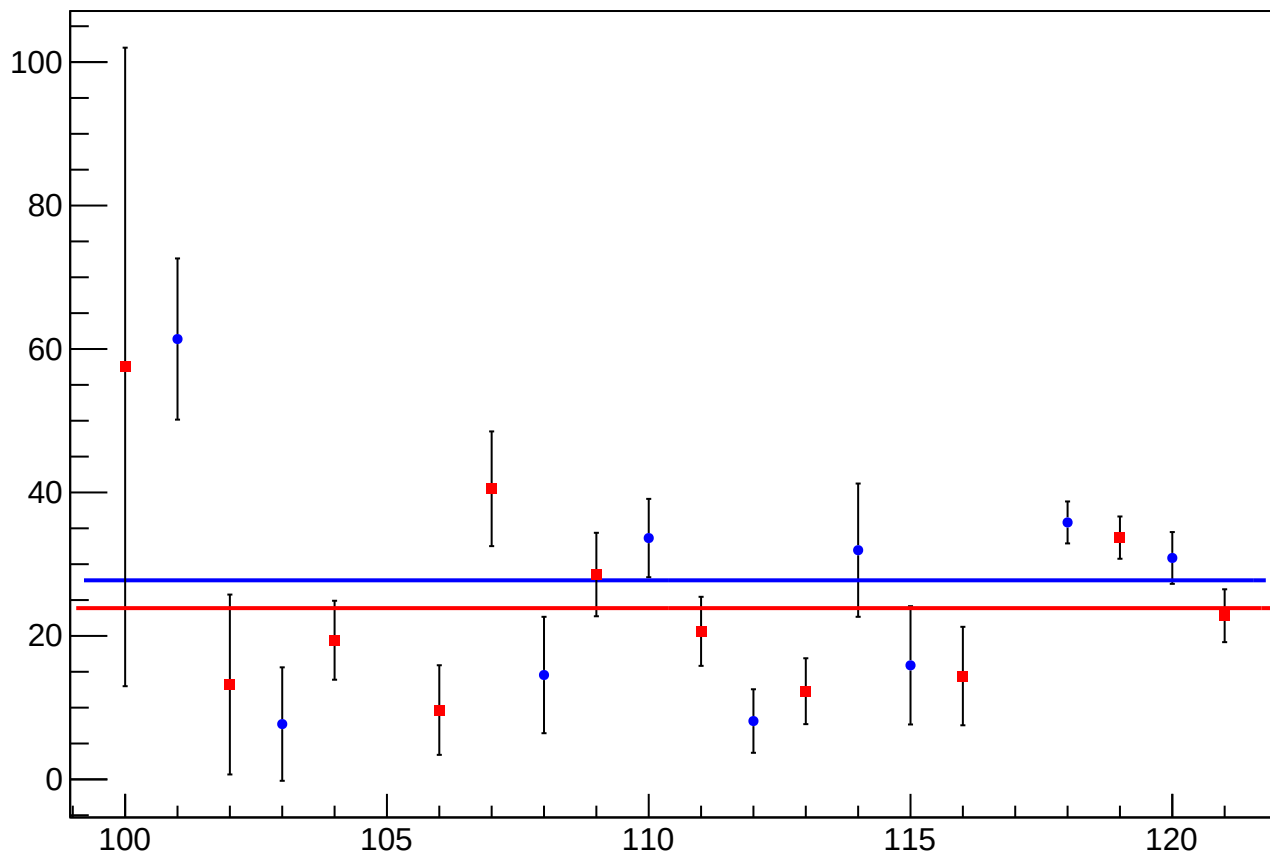
Right: 176.968+/-1.089 χ^2/NDF : 3461.4/19

In: 181.049+/-1.673 χ^2/NDF : 1126.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.968+/-1.089 χ^2/NDF : 3461.4/19

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.751+/-1.706 χ^2/NDF : 49.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.874+/-1.559 χ^2/NDF : 32.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

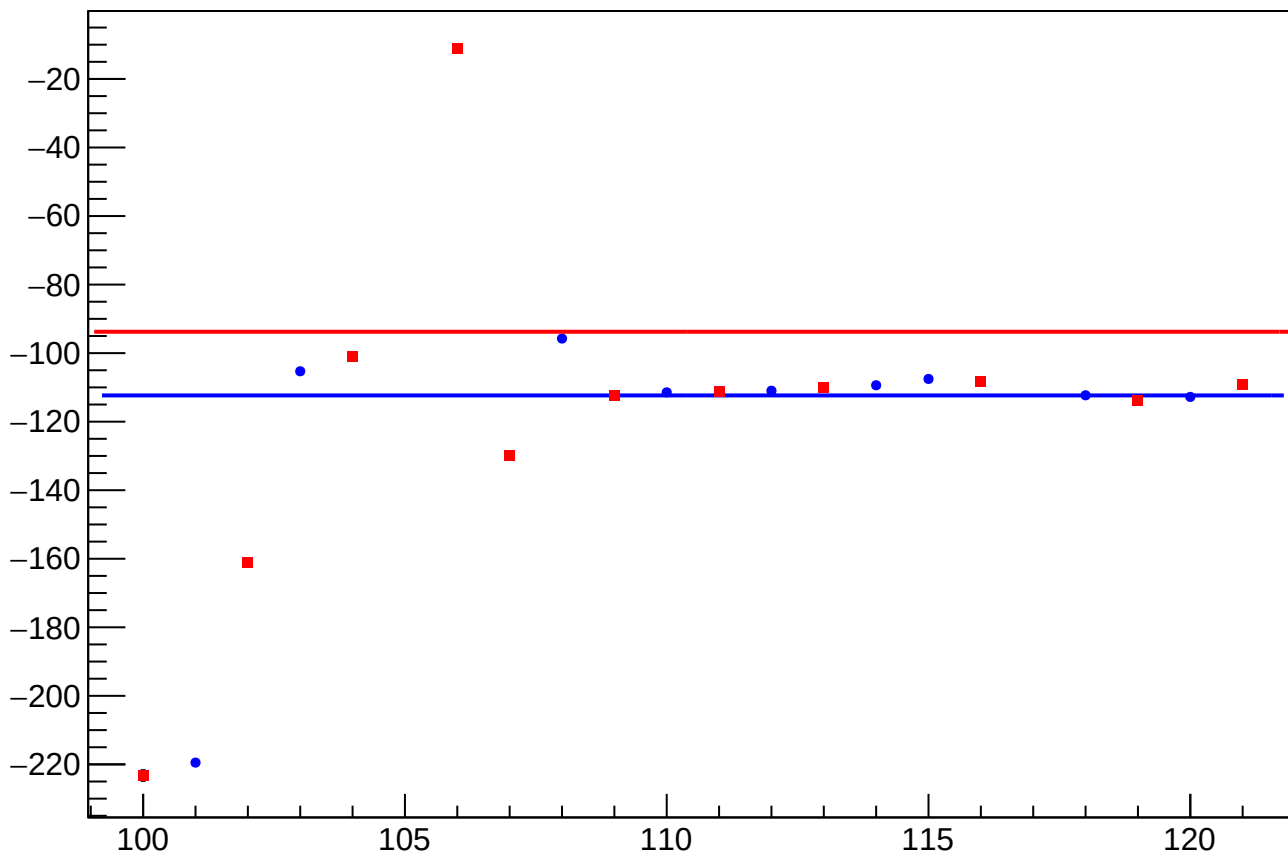
Right: 25.639+/-1.151 χ^2/NDF : 84.3/19

In: 27.751+/-1.706 χ^2/NDF : 49.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.639+/-1.151 χ^2/NDF : 84.3/19

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -112.343+/-0.108 χ^2/NDF : 50333.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.761+/-0.090 χ^2/NDF : 246202.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

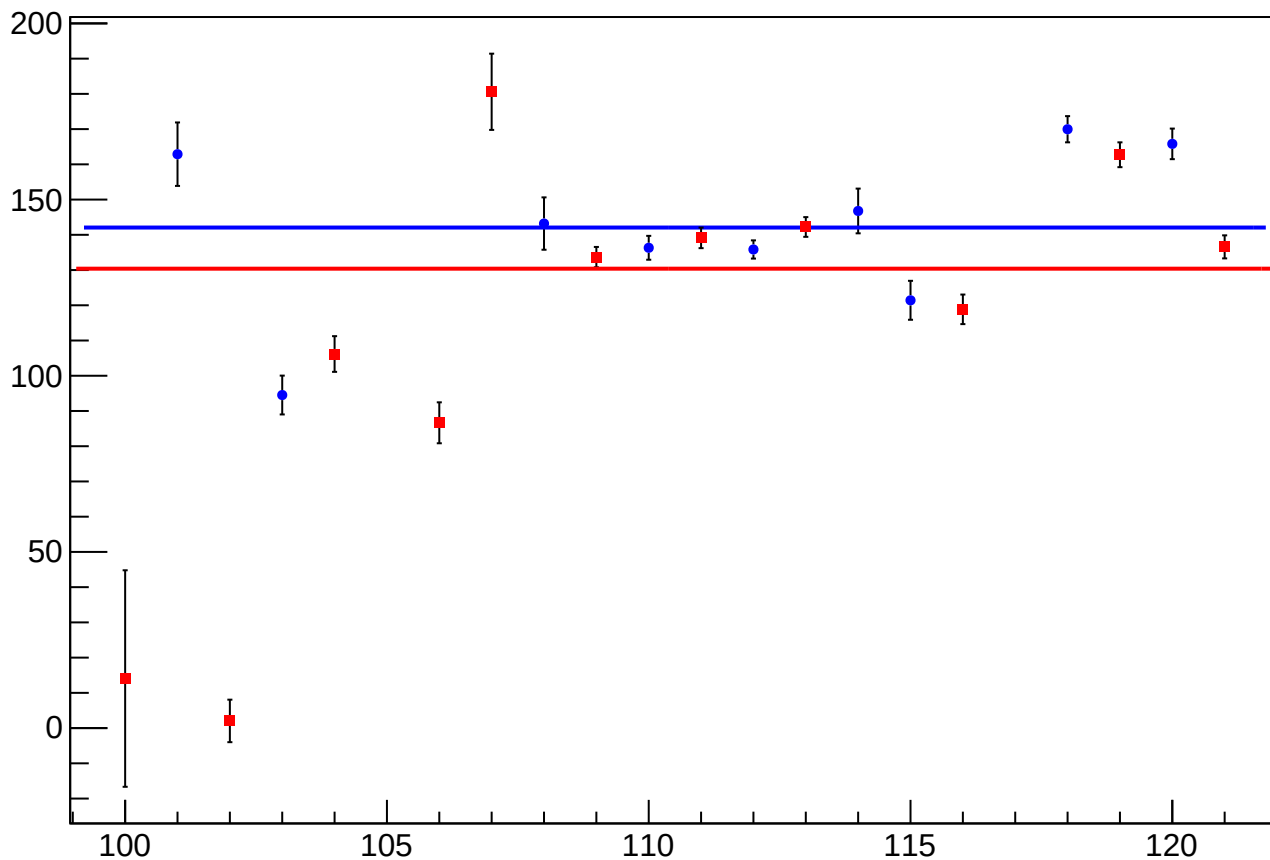
Right: -101.409+/-0.069 χ^2/NDF : 313964.5/19

In: -112.343+/-0.108 χ^2/NDF : 50333.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.409+/-0.069 χ^2/NDF : 313964.5/19

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 142.064+/-1.439 χ^2/NDF : 189.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.387+/-1.194 χ^2/NDF : 691.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

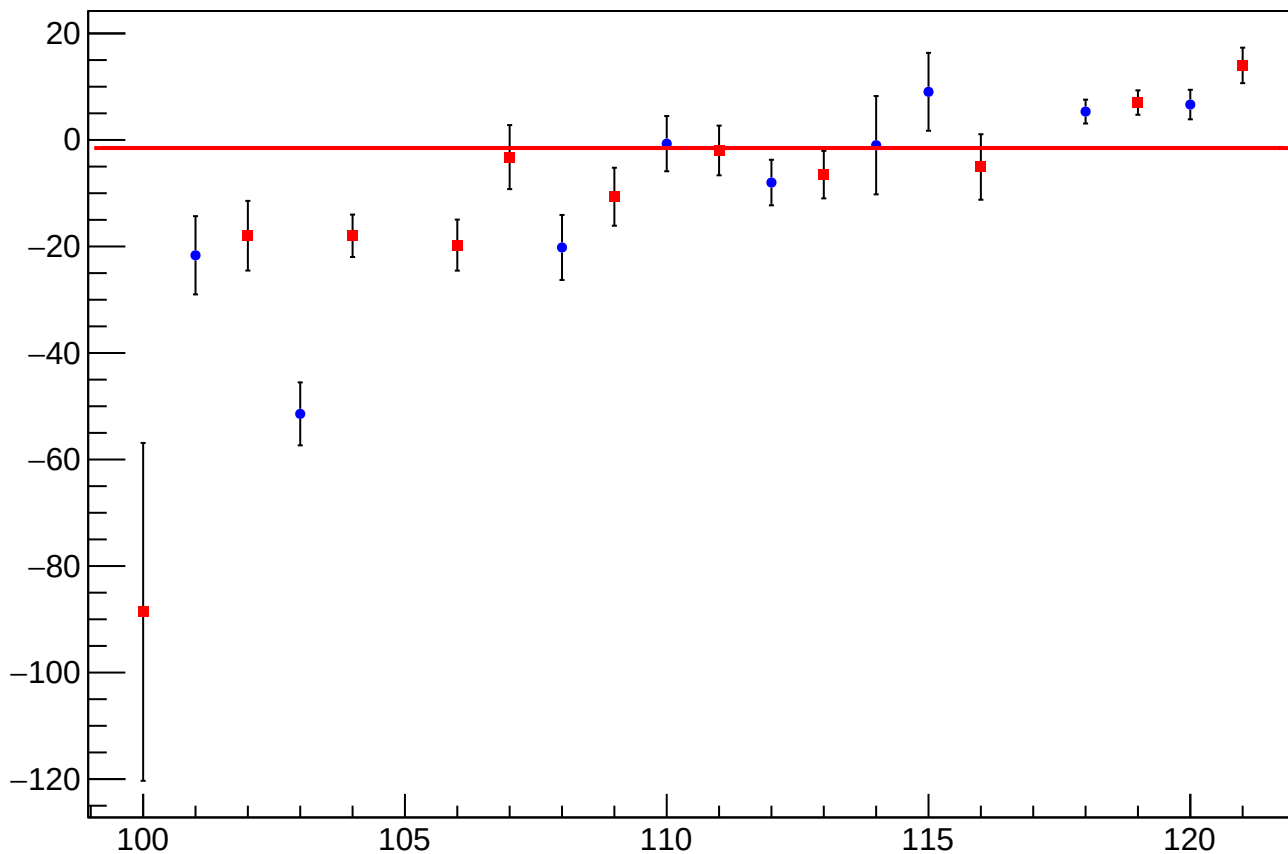
Right: 135.148+/-0.919 χ^2/NDF : 919.9/19

In: 142.064+/-1.439 χ^2/NDF : 189.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.148+/-0.919 χ^2/NDF : 919.9/19

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.504 ± 1.379 $\chi^2/\text{NDF}: 110.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.520 ± 1.296 $\chi^2/\text{NDF}: 85.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

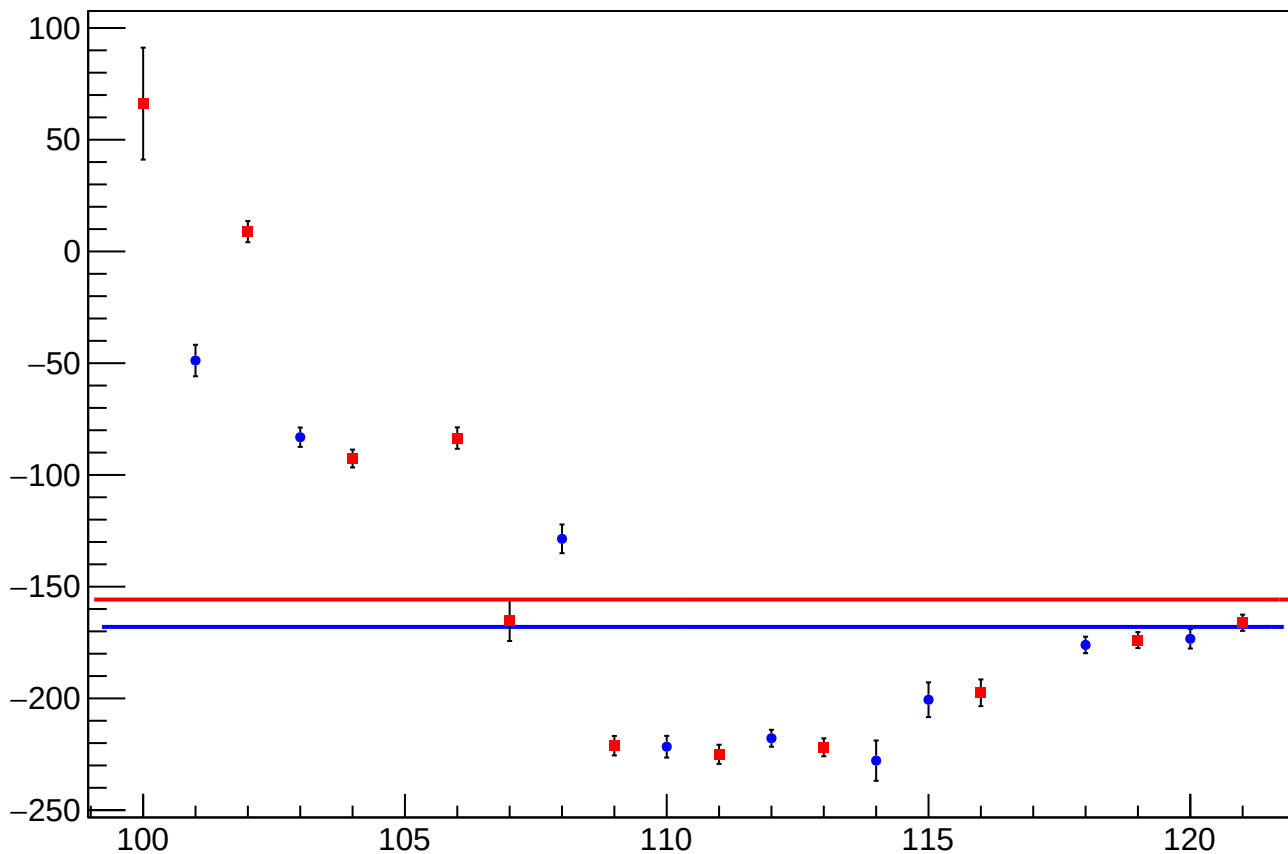
Right: -1.512 ± 0.944 $\chi^2/\text{NDF}: 196.1/19$

In: -1.504 ± 1.379 $\chi^2/\text{NDF}: 110.6/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.512 ± 0.944 $\chi^2/\text{NDF}: 196.1/19$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -168.003+/-1.656 χ^2/NDF : 1072.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.763+/-1.394 χ^2/NDF : 2607.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

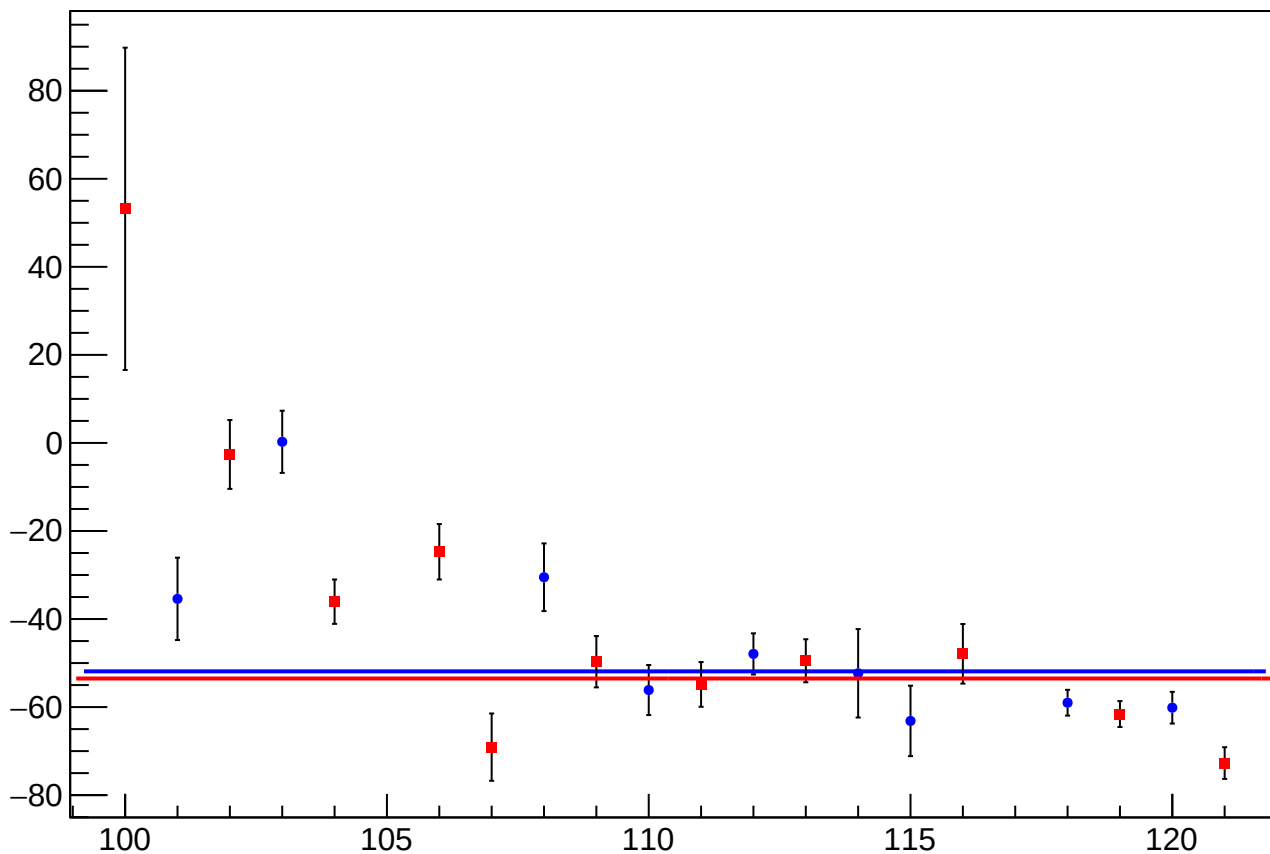
Right: -160.840+/-1.067 χ^2/NDF : 3711.5/19

In: -168.003+/-1.656 χ^2/NDF : 1072.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.840+/-1.067 χ^2/NDF : 3711.5/19

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -51.886+/-1.704 χ^2/NDF : 79.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.508+/-1.538 χ^2/NDF : 125.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

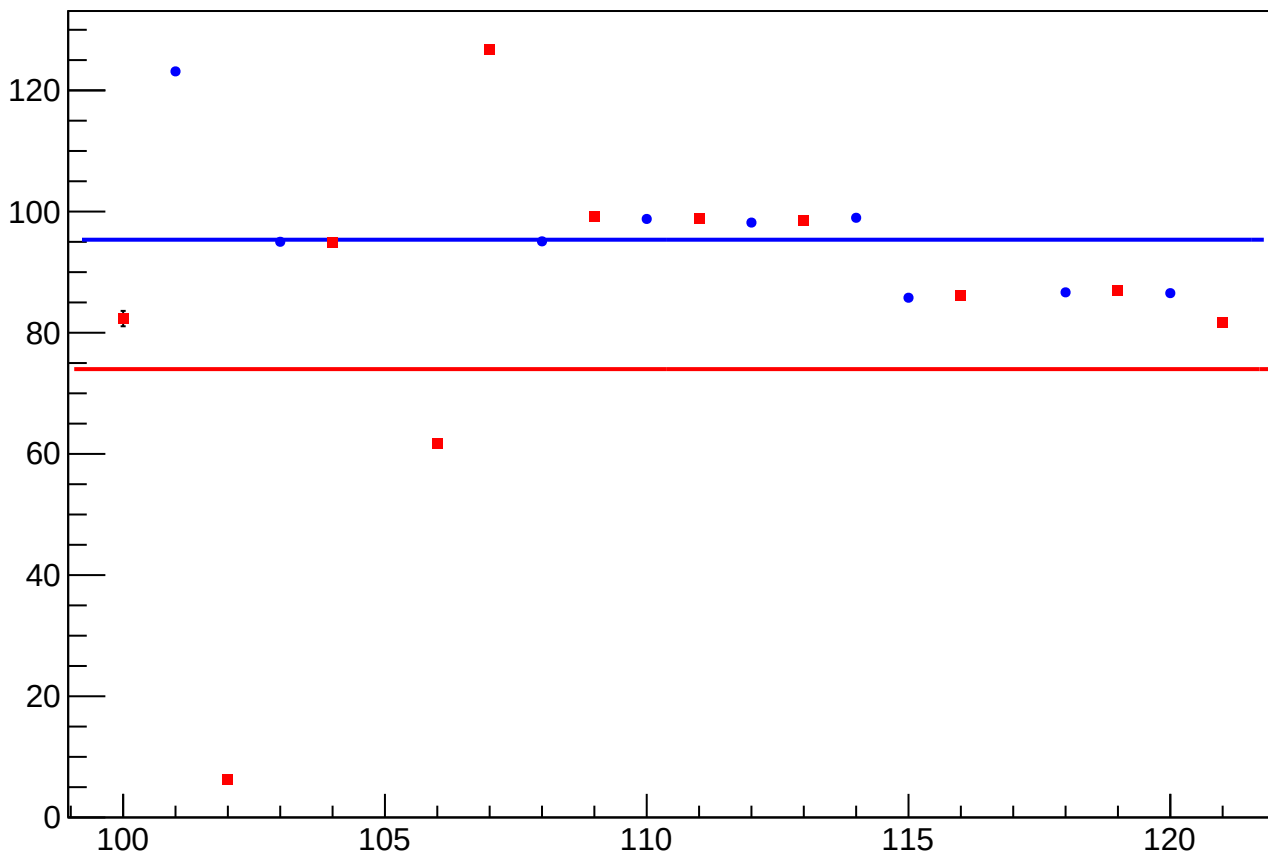
Right: -52.780+/-1.142 χ^2/NDF : 206.1/19

In: -51.886+/-1.704 χ^2/NDF : 79.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.780+/-1.142 χ^2/NDF : 206.1/19

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.354+/-0.103 χ^2/NDF : 6437.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.996+/-0.084 χ^2/NDF : 168719.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

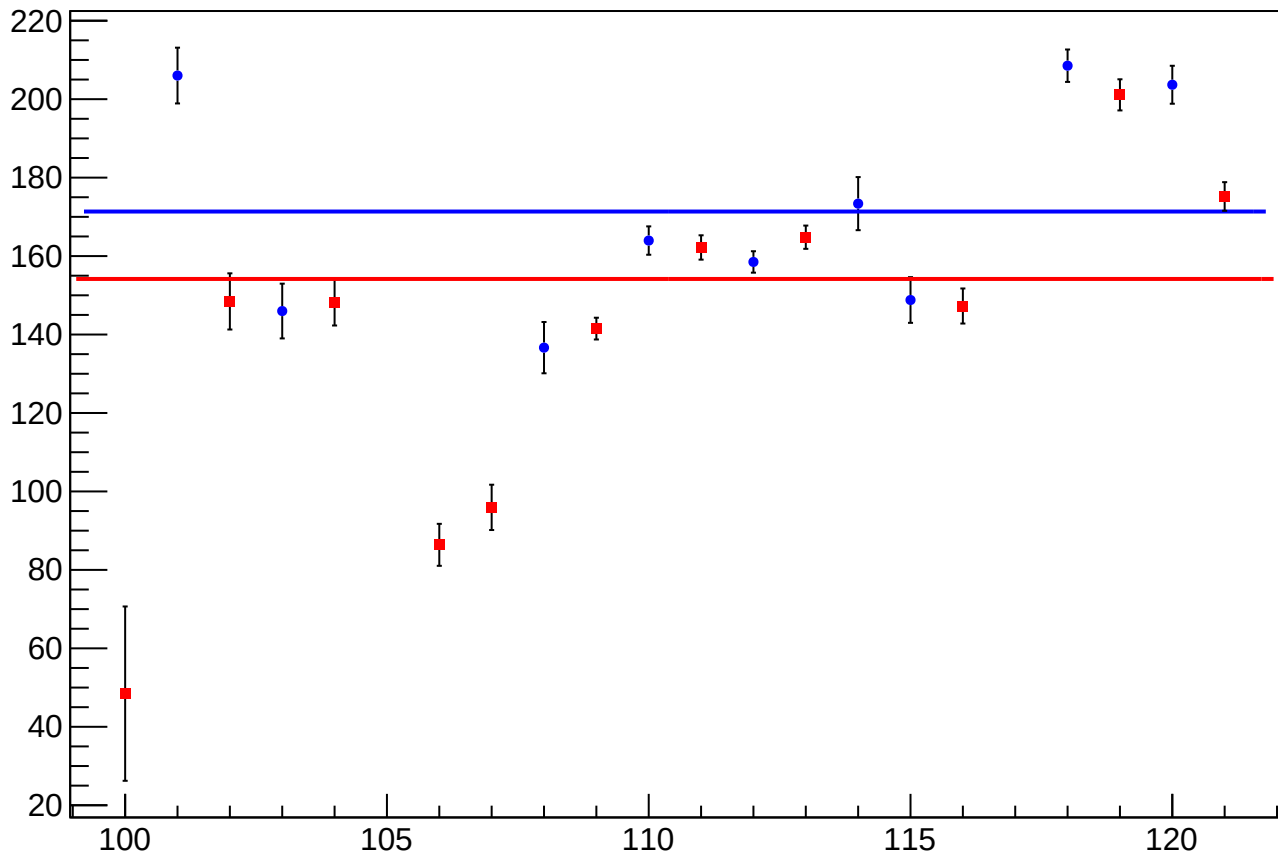
Right: 82.500+/-0.065 χ^2/NDF : 200844.2/19

In: 95.354+/-0.103 χ^2/NDF : 6437.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.500+/-0.065 χ^2/NDF : 200844.2/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.169+/-1.239 χ^2/NDF : 502.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

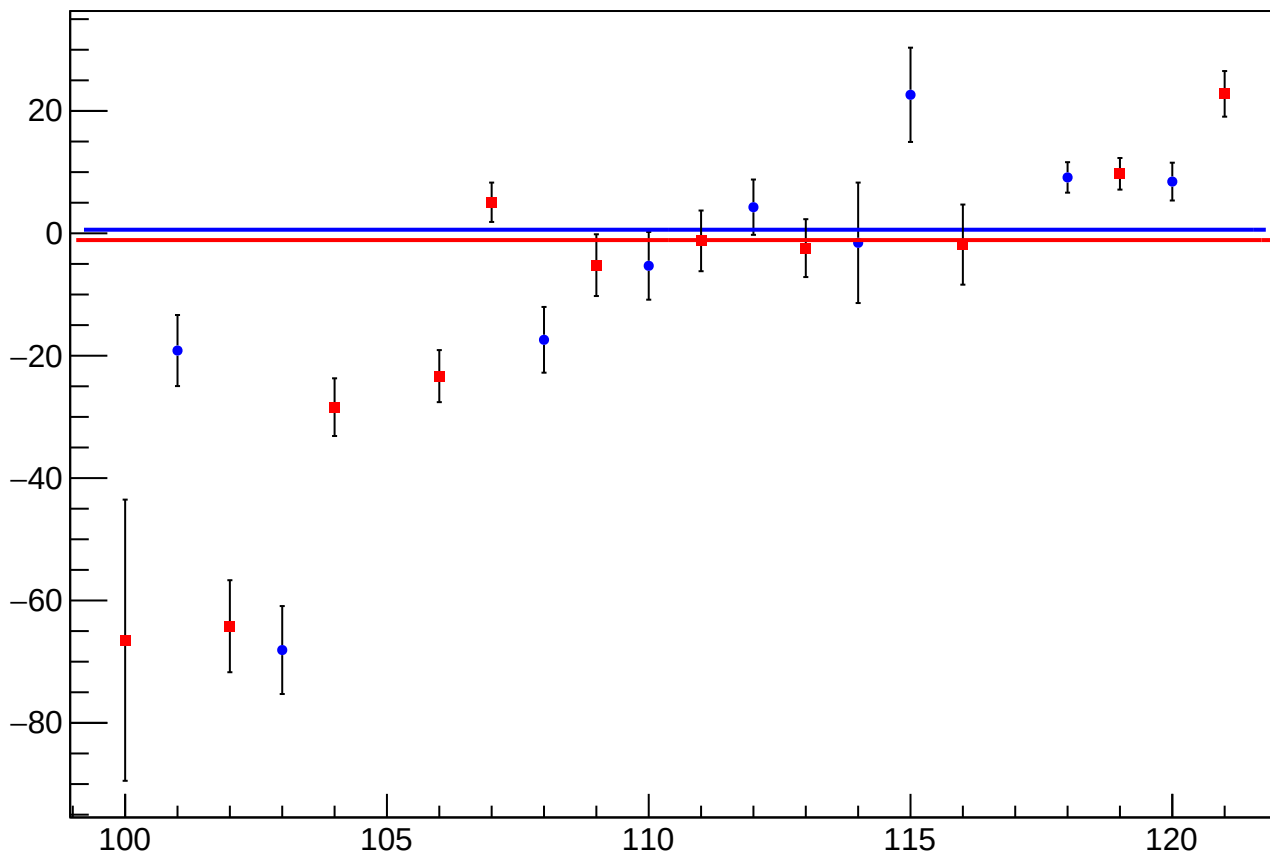
Right: 160.974+/-0.963 χ^2/NDF : 810.5/19

In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.974+/-0.963 χ^2/NDF : 810.5/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.104+/-1.306 χ^2/NDF : 202.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

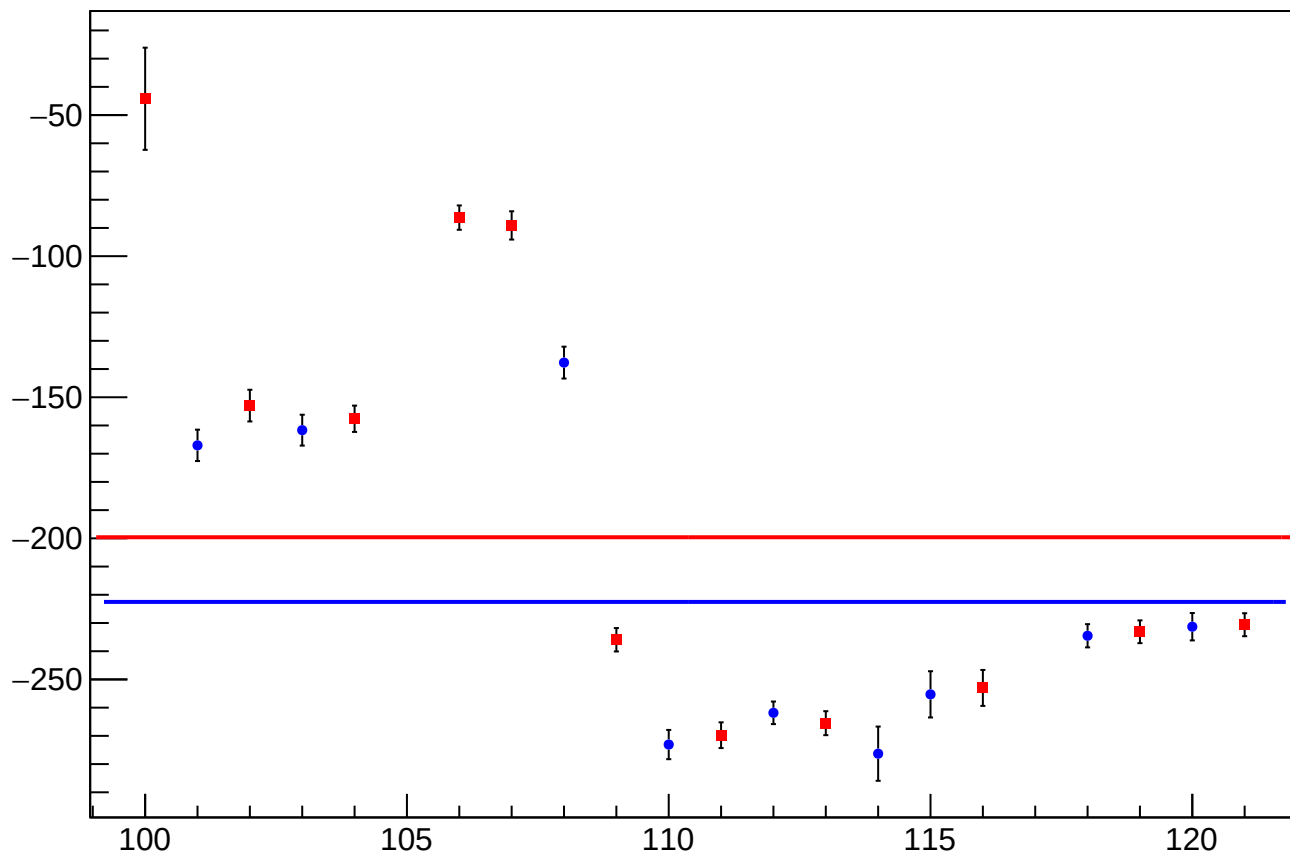
Right: -0.361+/-0.978 χ^2/NDF : 345.6/19

In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.361+/-0.978 χ^2/NDF : 345.6/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.613+/-1.440 χ^2/NDF : 2150.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

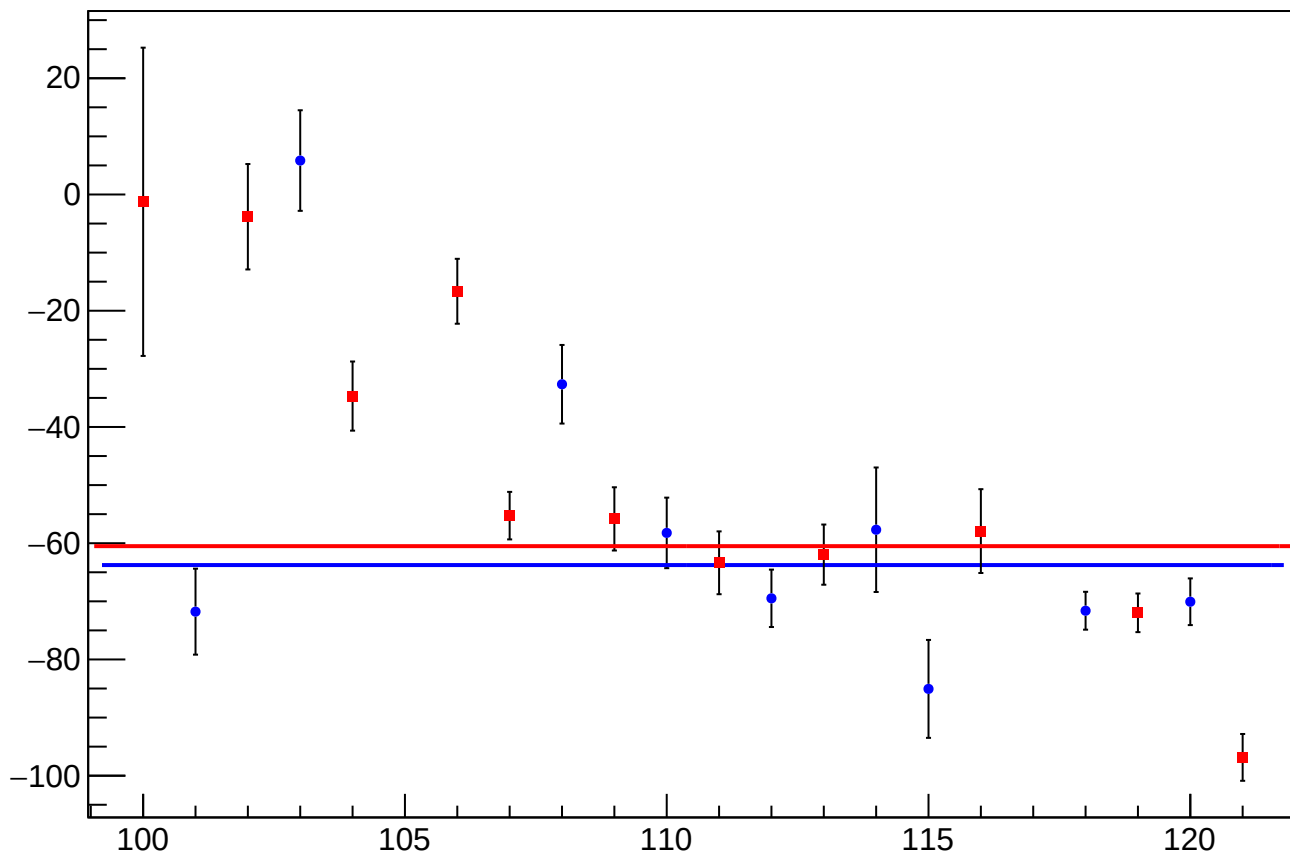
Right: -208.825+/-1.114 χ^2/NDF : 2952.1/19

In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.825+/-1.114 χ^2/NDF : 2952.1/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.759 ± 1.824 $\chi^2/\text{NDF}: 104.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -60.505 ± 1.561 $\chi^2/\text{NDF}: 220.8/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

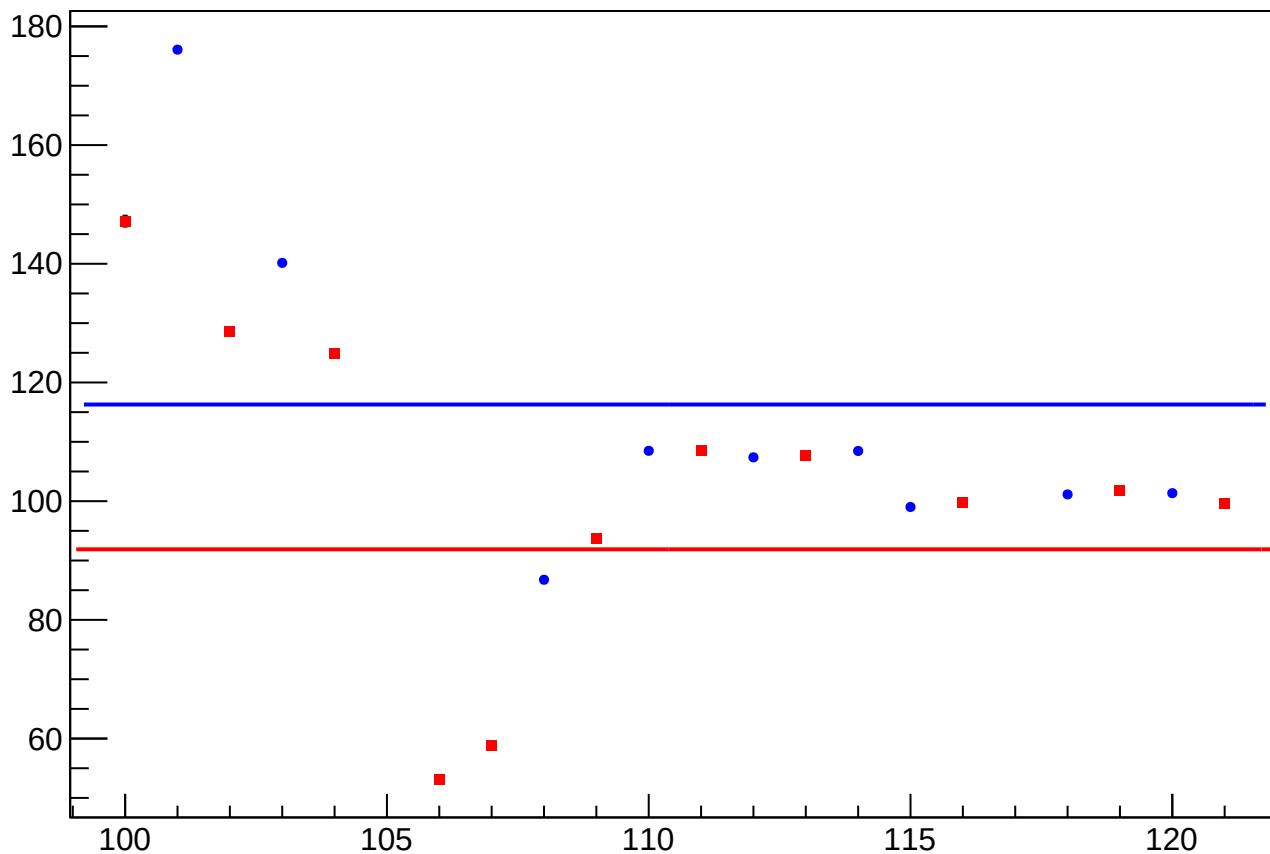
Right: -61.881 ± 1.186 $\chi^2/\text{NDF}: 326.8/19$

In: -63.759 ± 1.824 $\chi^2/\text{NDF}: 104.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.881 ± 1.186 $\chi^2/\text{NDF}: 326.8/19$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.886+/-0.085 χ^2/NDF : 120304.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

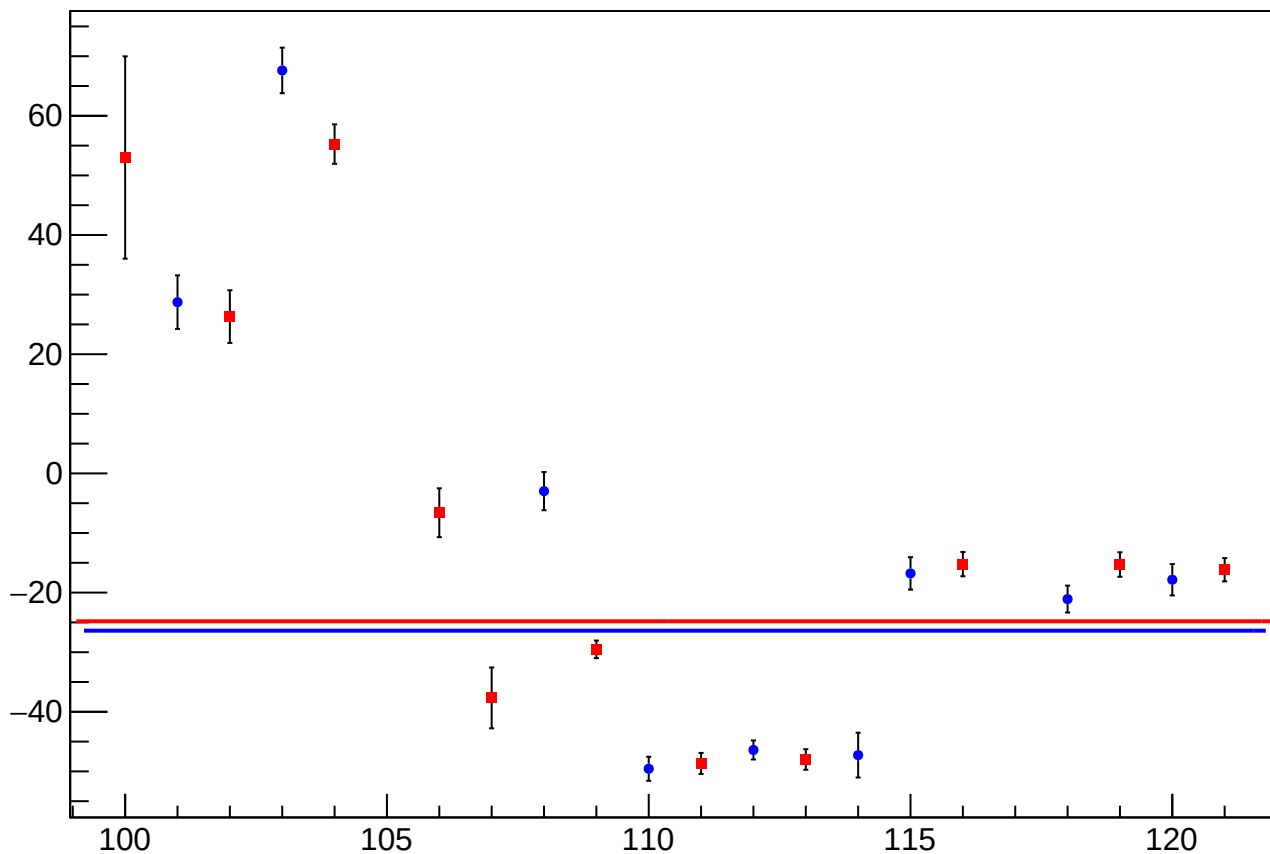
Right: 100.965+/-0.067 χ^2/NDF : 216485.2/19

In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.965+/-0.067 χ^2/NDF : 216485.2/19

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.389+/-0.845 χ^2/NDF : 1158.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.814+/-0.690 χ^2/NDF : 1203.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

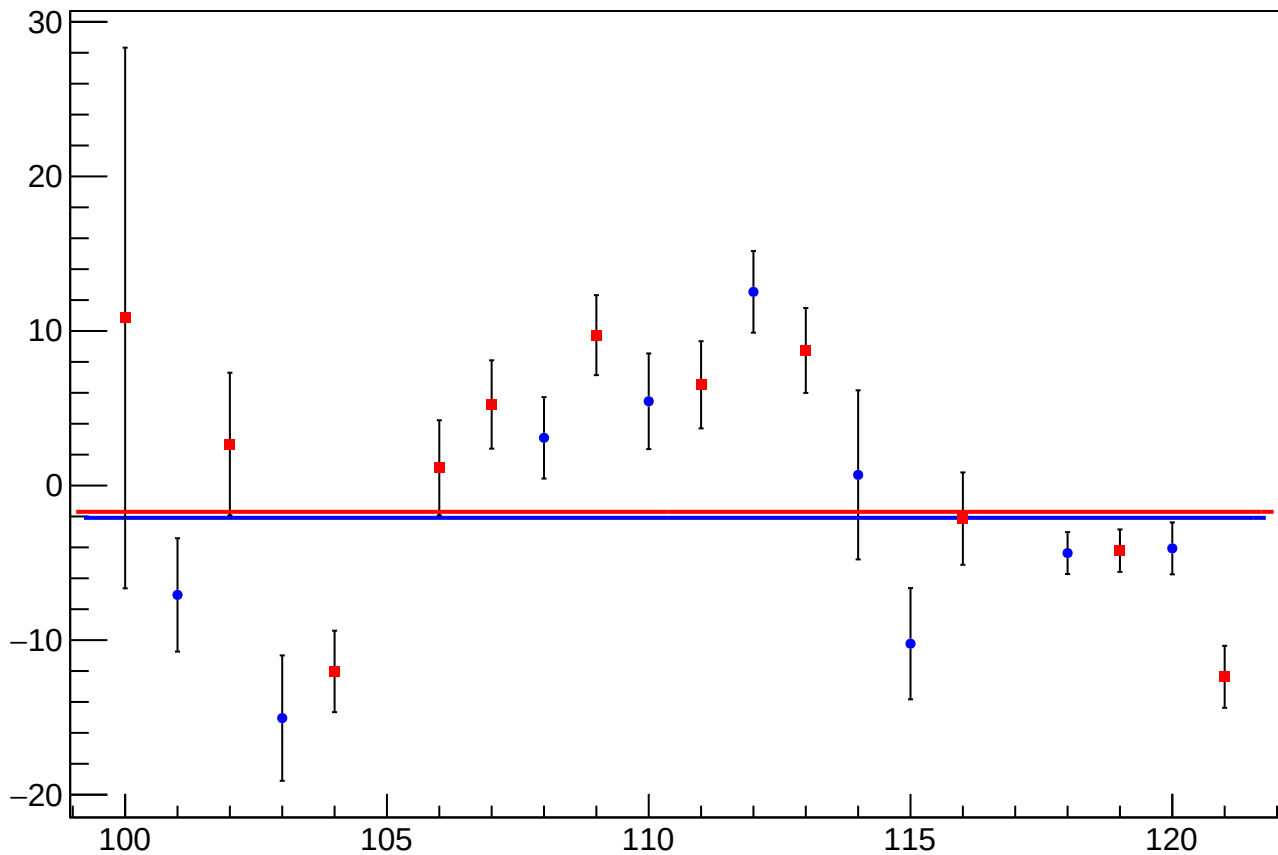
Right: -25.444+/-0.534 χ^2/NDF : 2363.9/19

In: -26.389+/-0.845 χ^2/NDF : 1158.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.444+/-0.534 χ^2/NDF : 2363.9/19

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.088 ± 0.807 χ^2/NDF : 62.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.699 ± 0.762 χ^2/NDF : 97.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

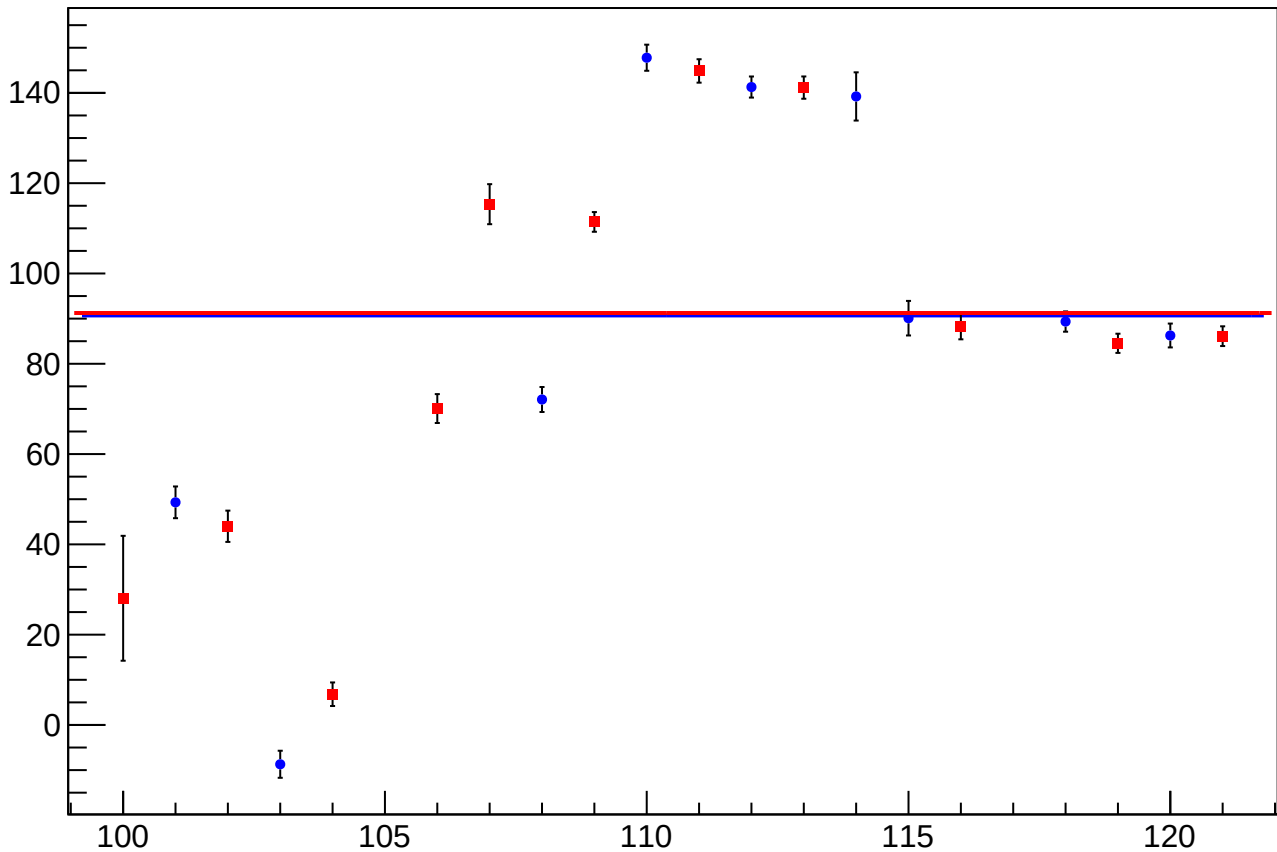
Right: -1.882 ± 0.554 χ^2/NDF : 159.9/19

In: -2.088 ± 0.807 χ^2/NDF : 62.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.882 ± 0.554 χ^2/NDF : 159.9/19

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.712 $\pm$ 0.966 χ^2 /NDF: 2229.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.245 $\pm$ 0.829 χ^2 /NDF: 2265.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

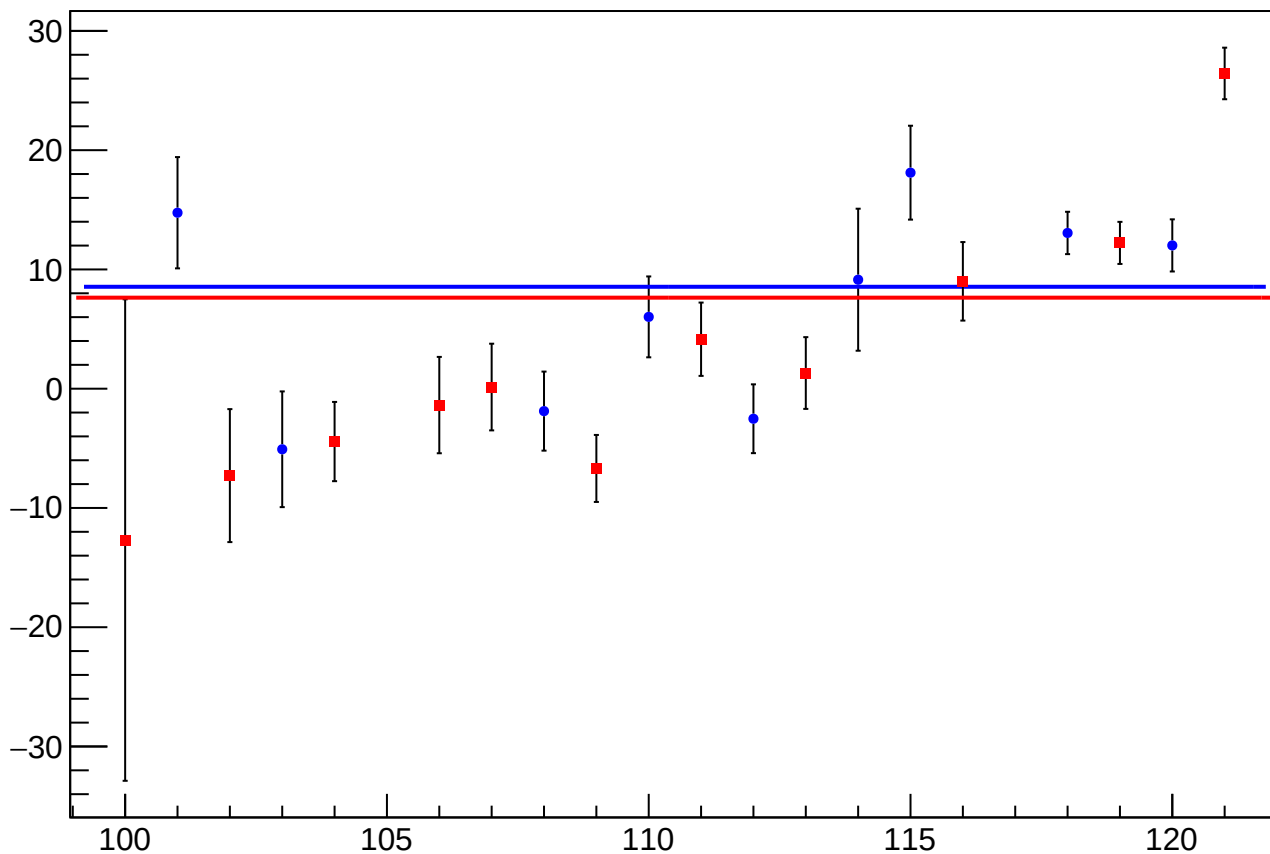
Right: 91.019 $\pm$ 0.629 χ^2 /NDF: 4494.7/19

In: 90.712 $\pm$ 0.966 χ^2 /NDF:2229.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.019 $\pm$ 0.629 χ^2 /NDF: 4494.7/19

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.633+/-0.901 χ^2/NDF : 144.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

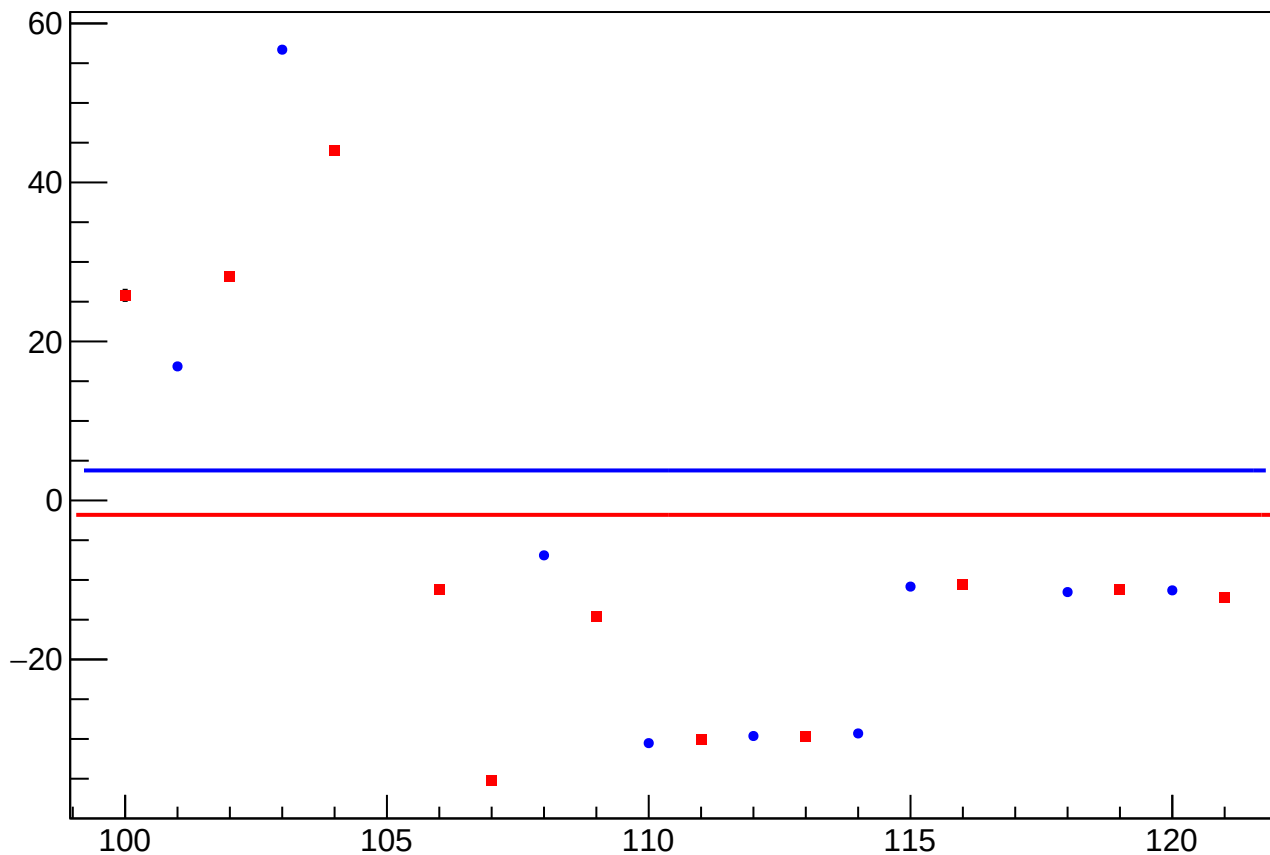
Right: 8.043+/-0.668 χ^2/NDF : 195.0/19

In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.043+/-0.668 χ^2/NDF : 195.0/19

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.811+/-0.053 χ^2/NDF : 267448.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

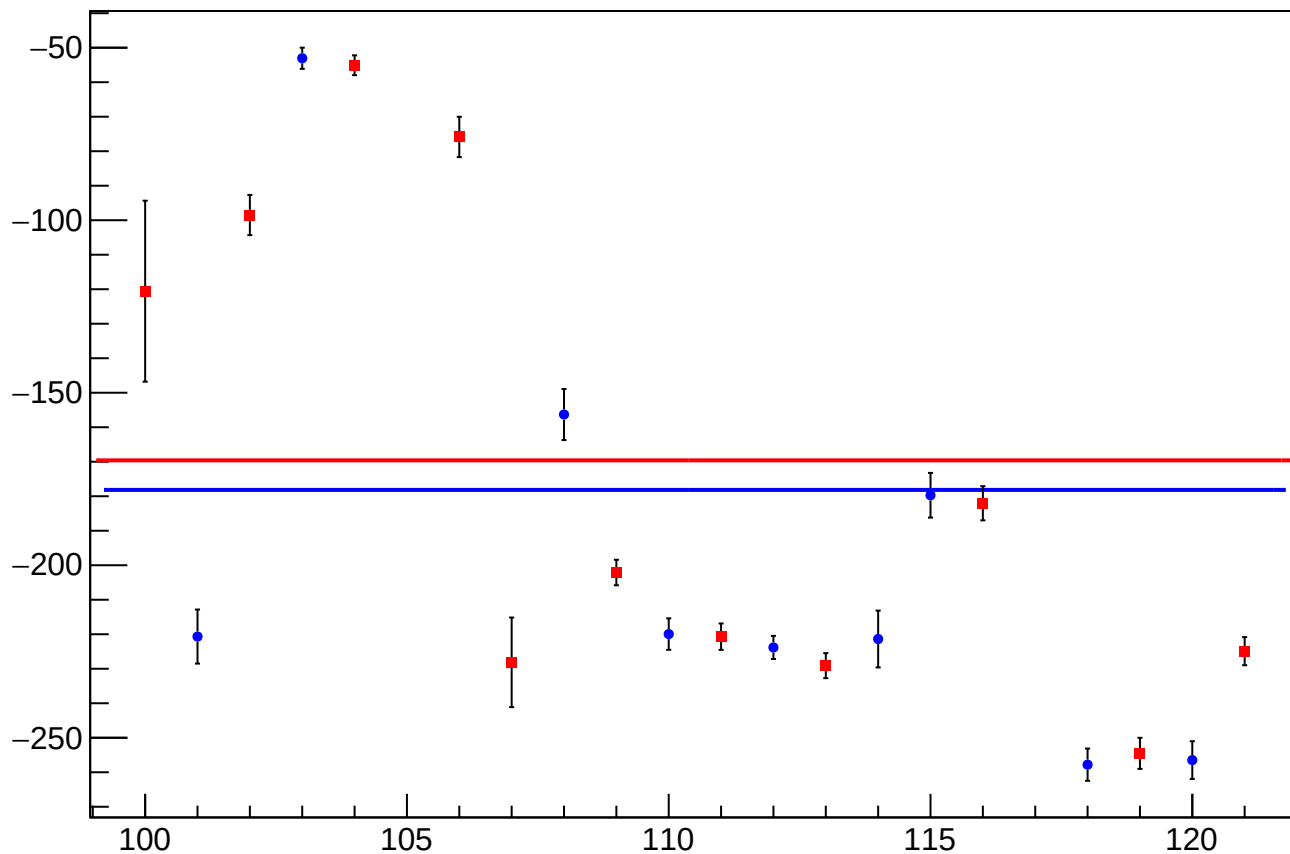
Right: 0.649+/-0.039 χ^2/NDF : 537925.5/19

In: 3.774+/-0.059 χ^2/NDF :265499.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.649+/-0.039 χ^2/NDF : 537925.5/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -178.162+/-1.590 χ^2 /NDF: 2493.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -169.597+/-1.343 χ^2 /NDF: 3085.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

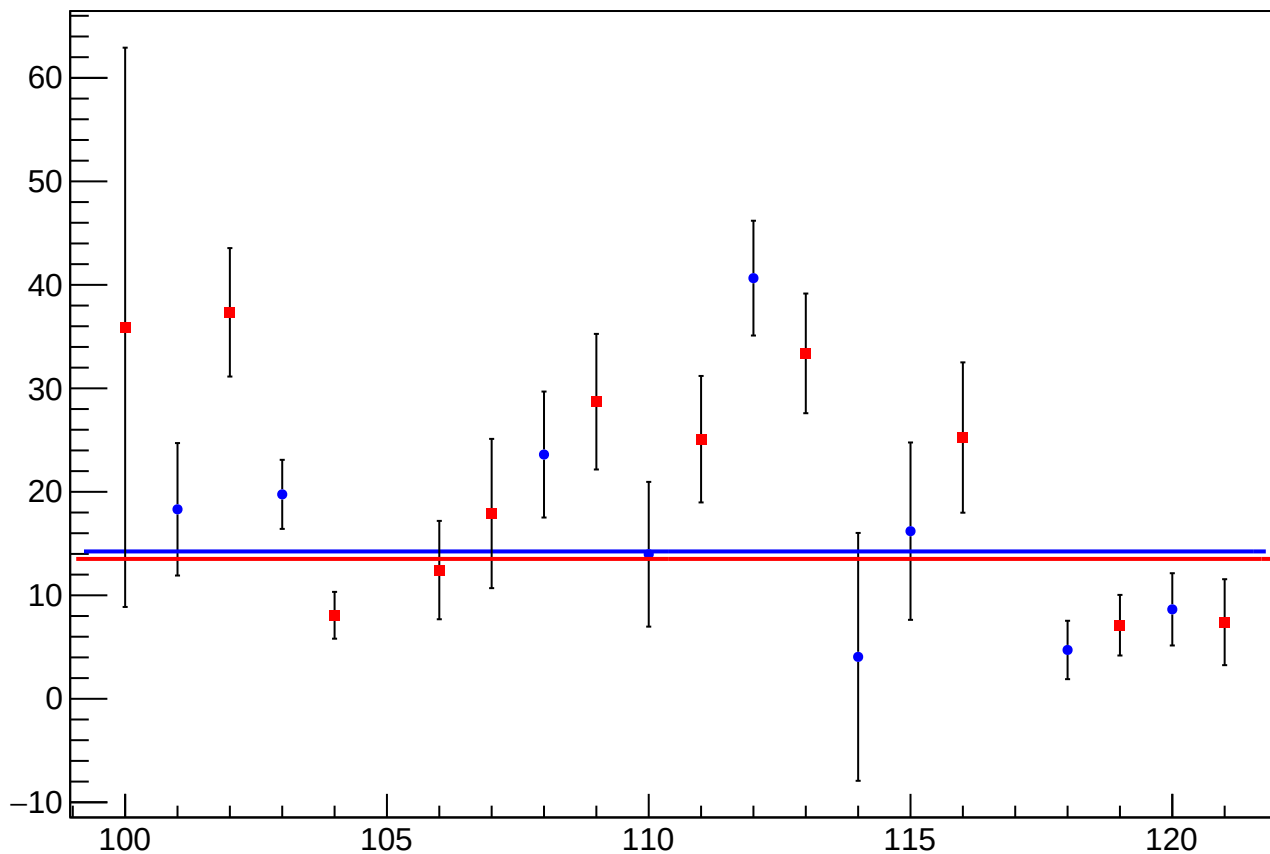
Right: -173.162+/-1.026 χ^2 /NDF: 5596.6/19

In: -178.162+/-1.590 χ^2 /NDF:2493.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -173.162+/-1.026 χ^2 /NDF: 5596.6/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.240+/-1.539 χ^2/NDF : 42.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.517+/-1.336 χ^2/NDF : 52.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

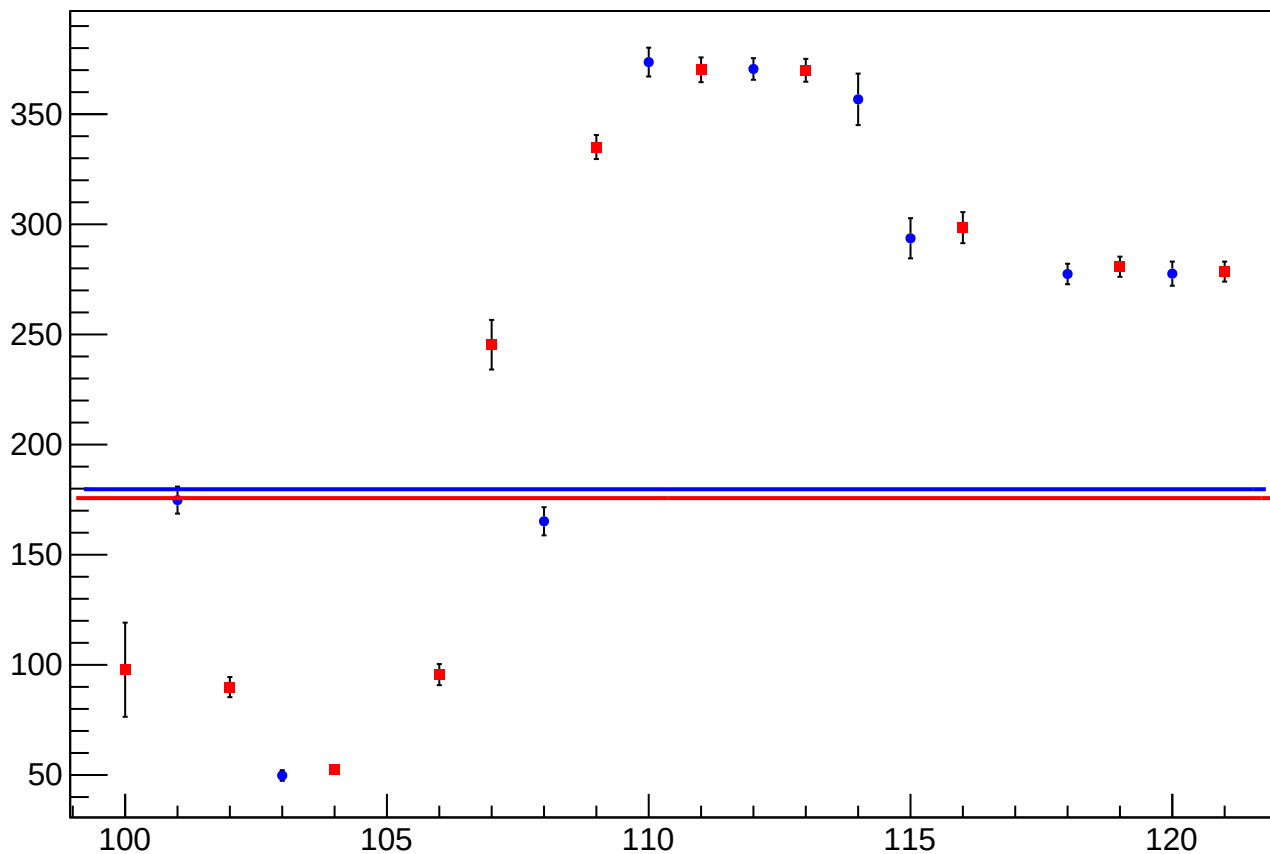
Right: 13.828+/-1.009 χ^2/NDF : 95.0/19

In: 14.240+/-1.539 χ^2/NDF : 42.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.828+/-1.009 χ^2/NDF : 95.0/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 179.735+/-1.608 χ^2/NDF : 6447.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.707+/-1.394 χ^2/NDF : 8419.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

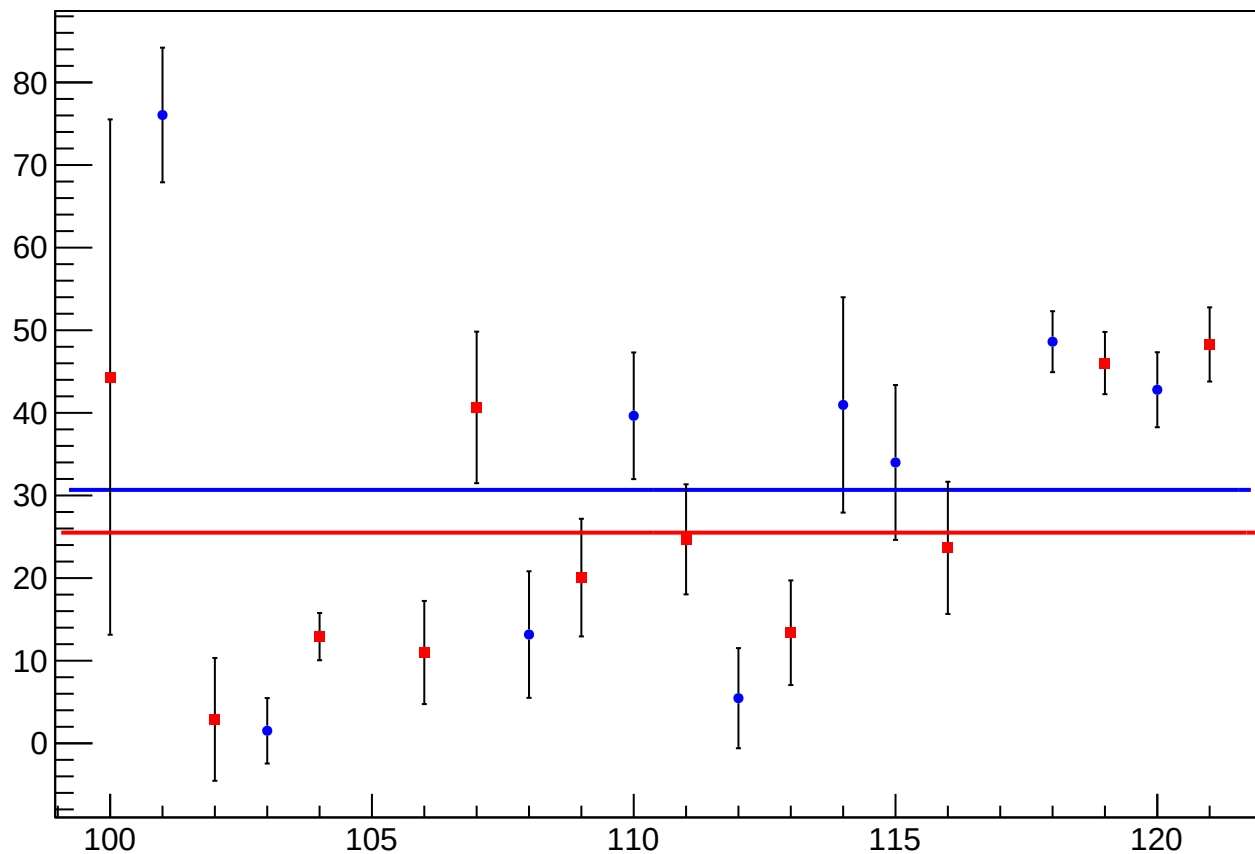
Right: 177.436+/-1.053 χ^2/NDF : 14870.6/19

In: 179.735+/-1.608 χ^2/NDF : 6447.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.436+/-1.053 χ^2/NDF : 14870.6/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.678+/-1.892 χ^2/NDF : 140.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.502+/-1.619 χ^2/NDF : 96.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

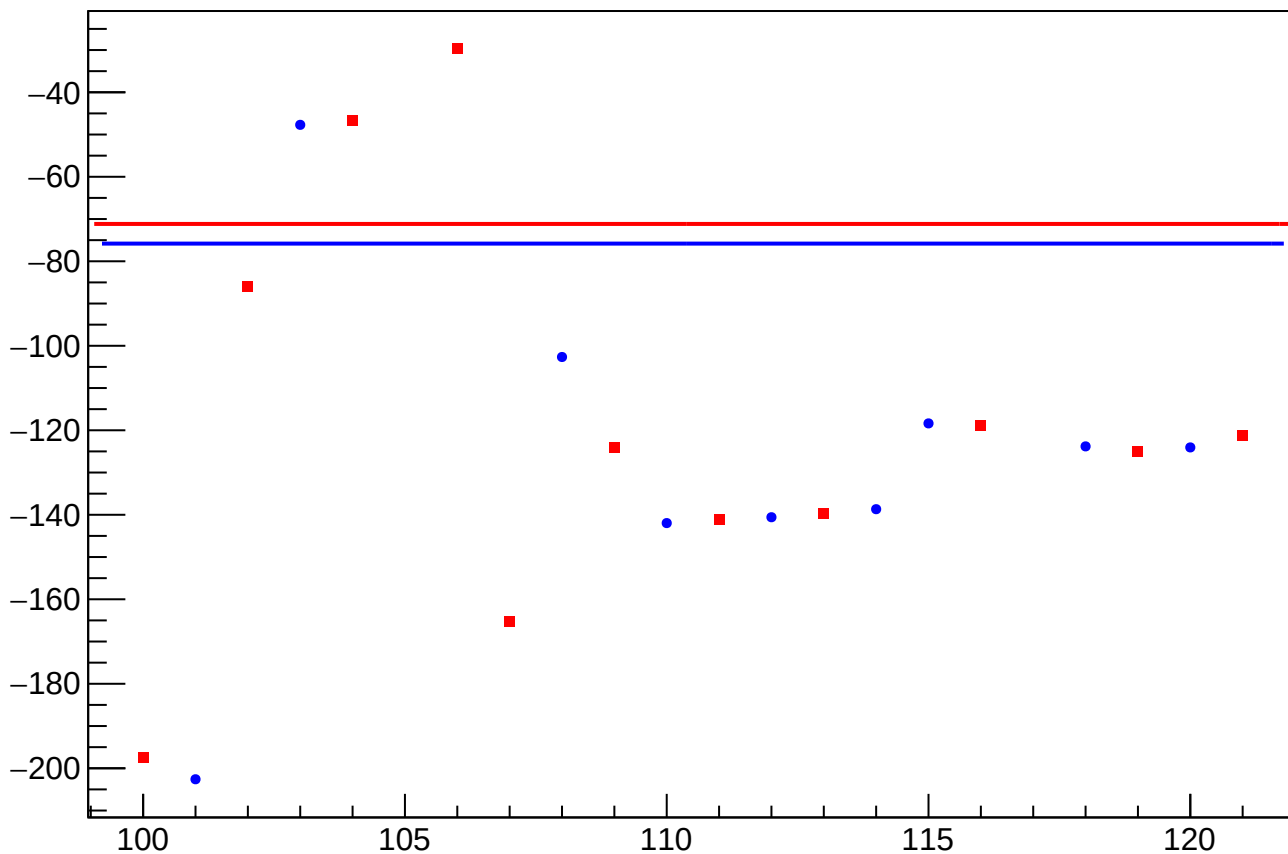
Right: 27.689+/-1.230 χ^2/NDF : 241.7/19

In: 30.678+/-1.892 χ^2/NDF : 140.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.689+/-1.230 χ^2/NDF : 241.7/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -75.816 $\pm$ 0.082 χ^2 /NDF: 291476.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.162 $\pm$ 0.075 χ^2 /NDF: 275494.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

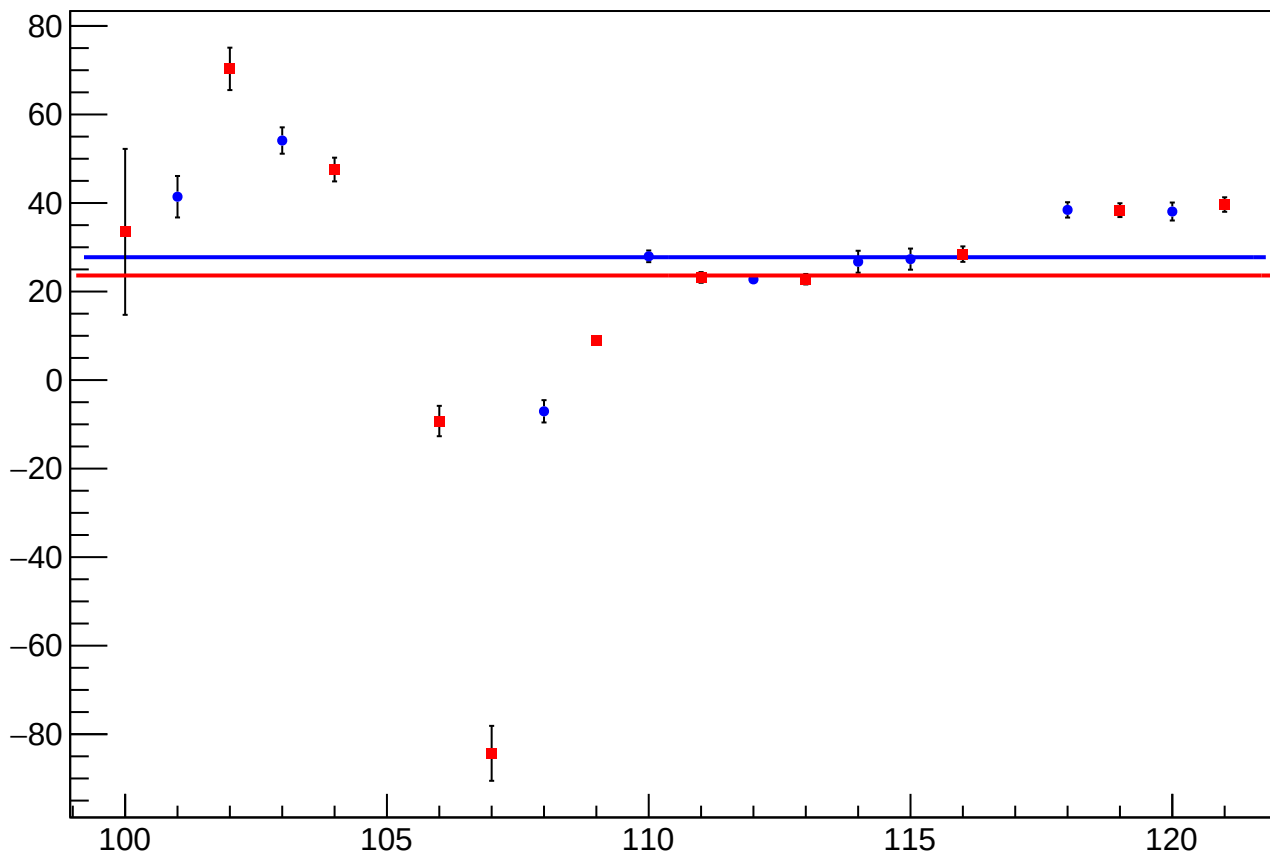
Right: -73.277 $\pm$ 0.055 χ^2 /NDF: 568716.3/19

In: -75.816 $\pm$ 0.082 χ^2 /NDF:291476.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.277 $\pm$ 0.055 χ^2 /NDF: 568716.3/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.626+/-0.522 χ^2/NDF : 946.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

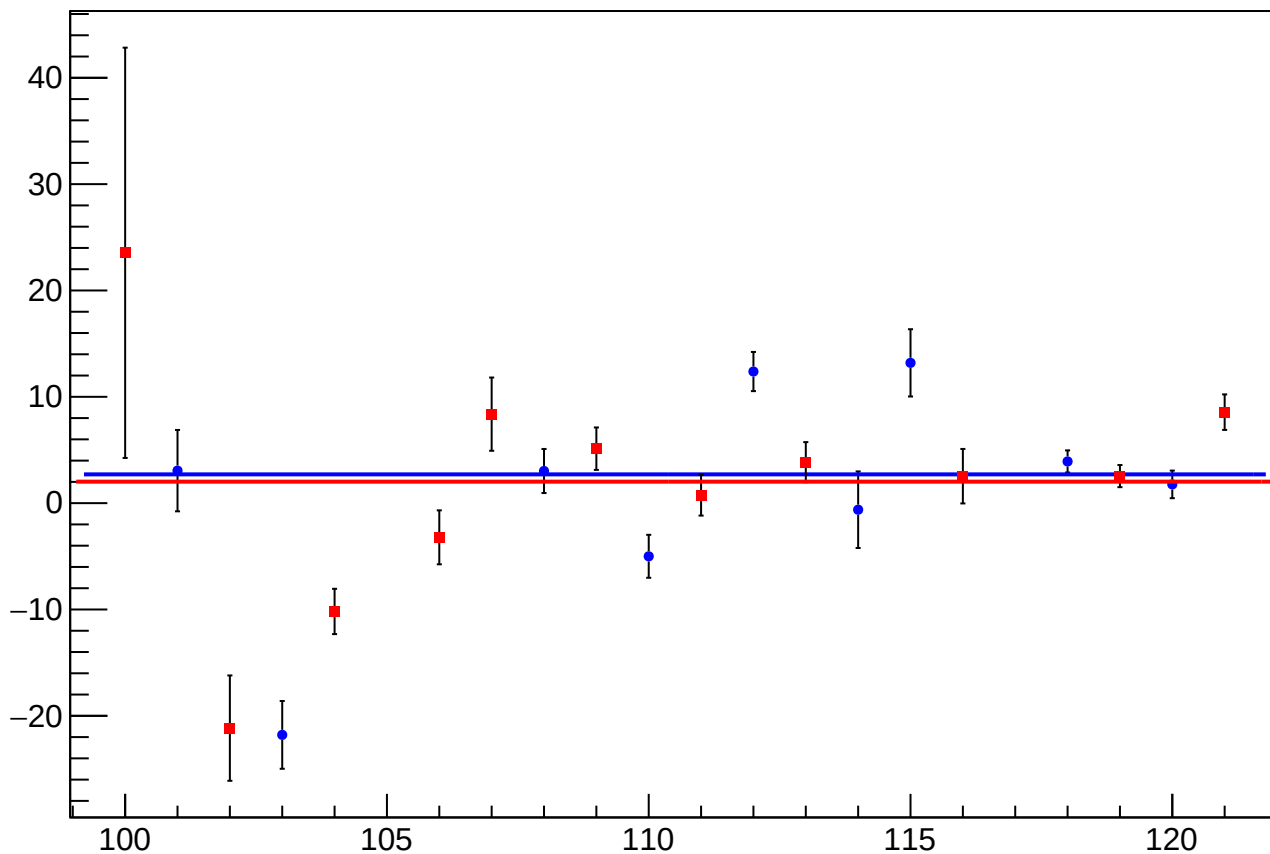
Right: 25.343+/-0.399 χ^2/NDF : 1334.1/19

In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.343+/-0.399 χ^2/NDF : 1334.1/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.022+/-0.604 χ^2/NDF : 83.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

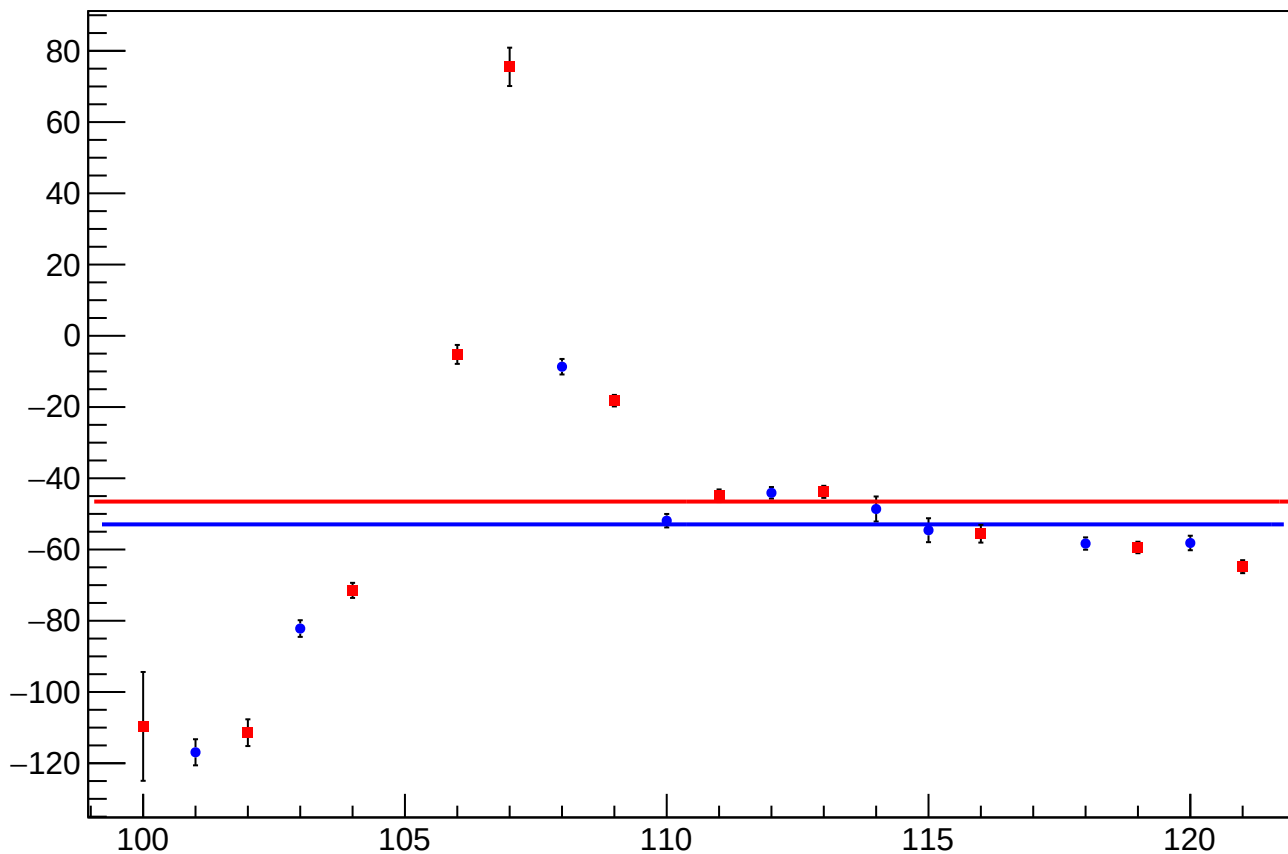
Right: 2.357+/-0.431 χ^2/NDF : 198.6/19

In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.357+/-0.431 χ^2/NDF : 198.6/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.945 $\pm$ 0.731 χ^2 /NDF: 922.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.539 $\pm$ 0.649 χ^2 /NDF: 1699.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

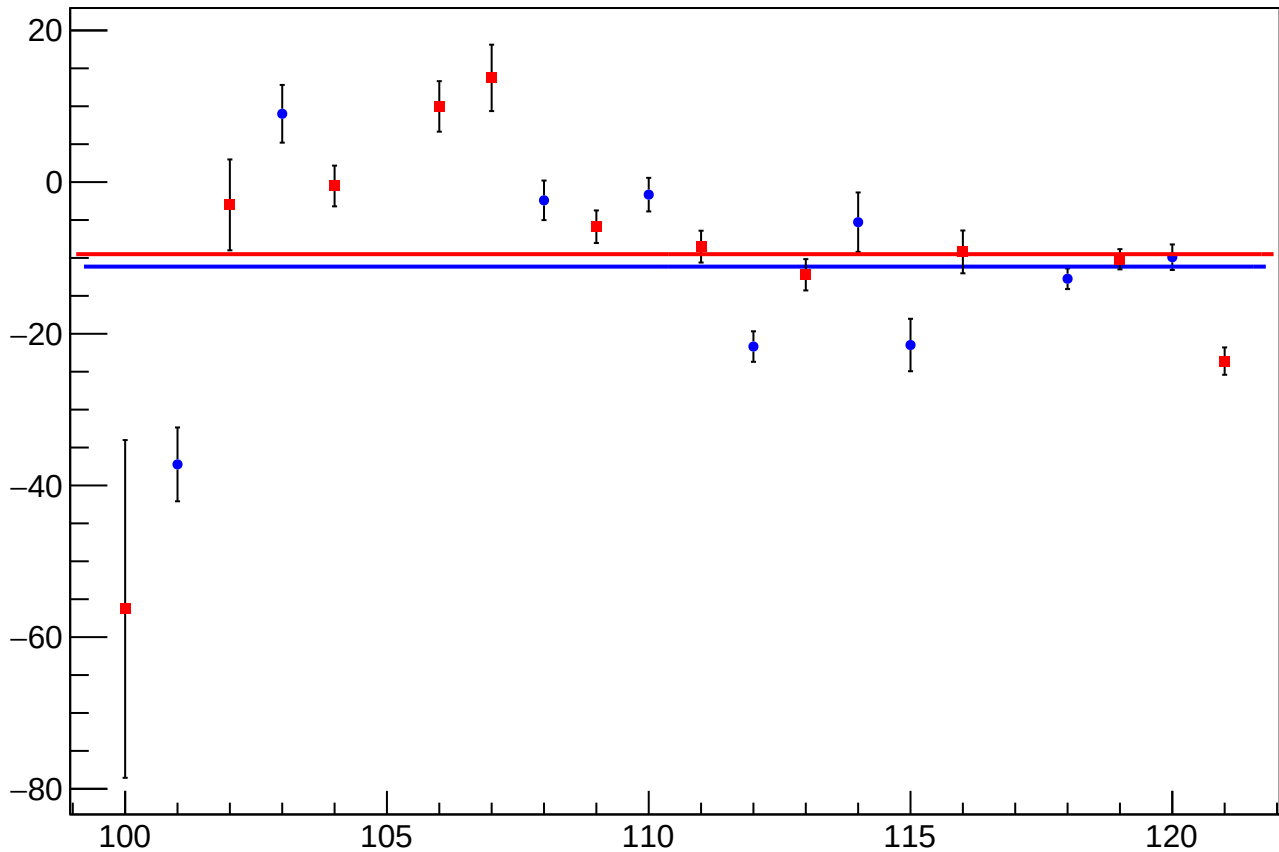
Right: -49.361 $\pm$ 0.485 χ^2 /NDF: 2664.4/19

In: -52.945 $\pm$ 0.731 χ^2 /NDF:922.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.361 $\pm$ 0.485 χ^2 /NDF: 2664.4/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.144+/-0.756 χ^2/NDF : 126.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.503+/-0.710 χ^2/NDF : 145.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

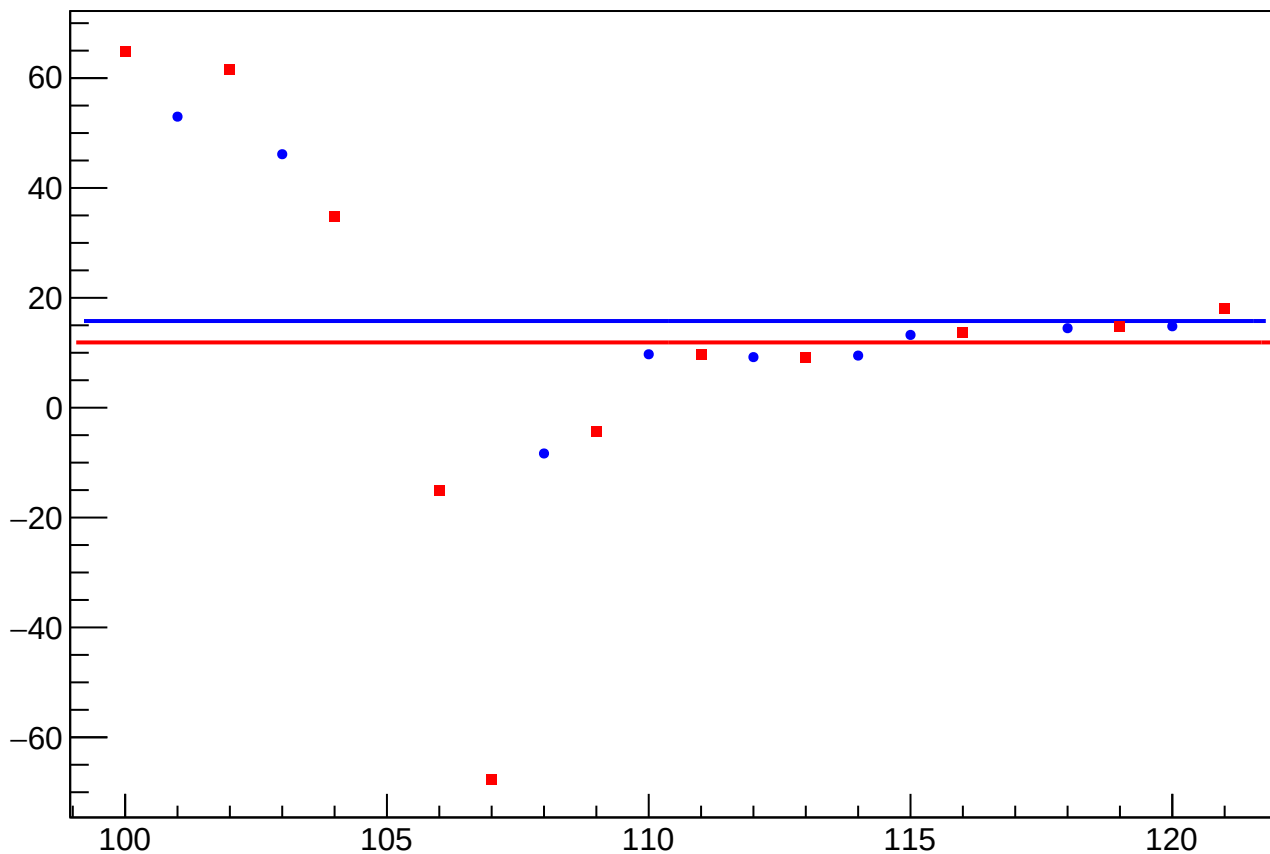
Right: -10.271+/-0.518 χ^2/NDF : 274.8/19

In: -11.144+/-0.756 χ^2/NDF : 126.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.271+/-0.518 χ^2/NDF : 274.8/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.778 $\pm$ 0.046 χ^2 /NDF: 204228.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.881 $\pm$ 0.043 χ^2 /NDF: 344858.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

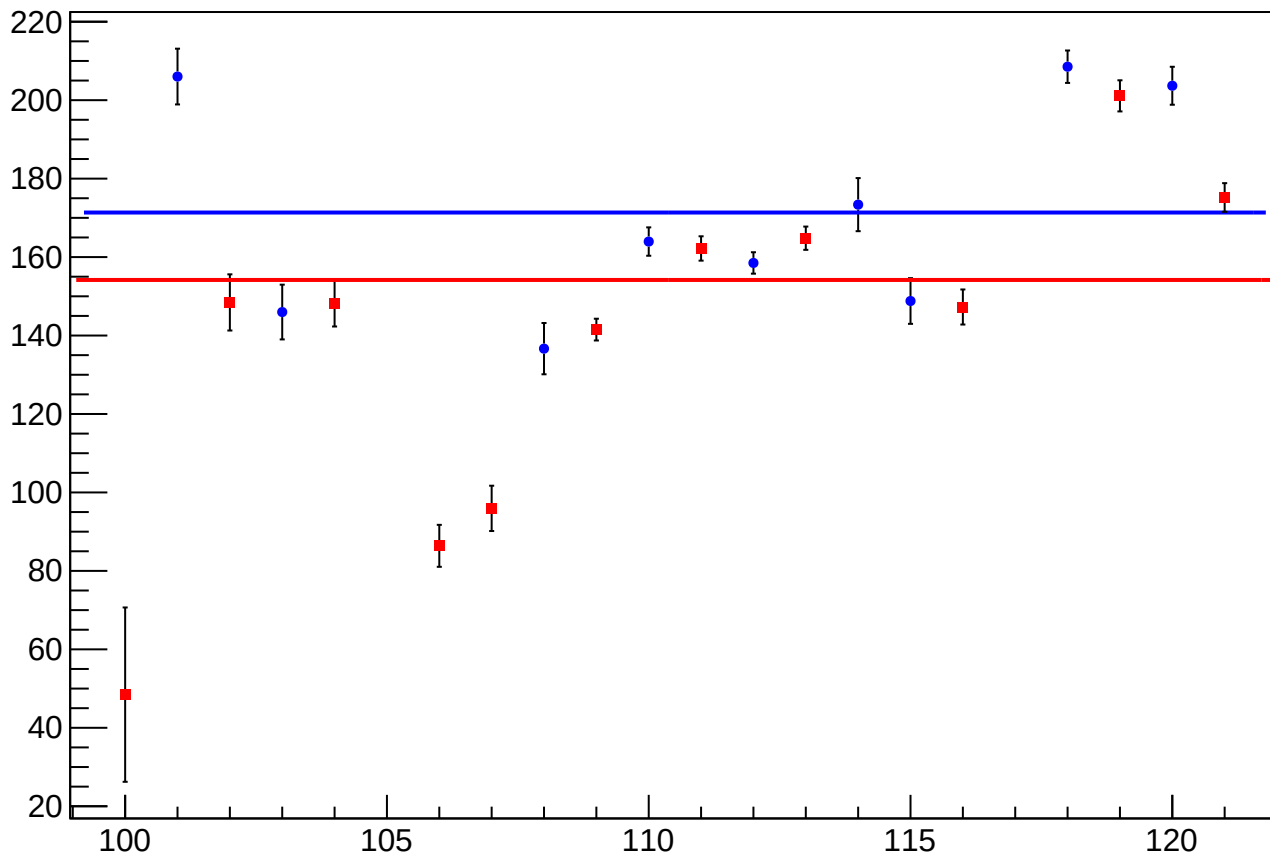
Right: 13.722 $\pm$ 0.031 χ^2 /NDF: 552912.0/19

In: 15.778 $\pm$ 0.046 χ^2 /NDF:204228.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.722 $\pm$ 0.031 χ^2 /NDF: 552912.0/19

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.169+/-1.239 χ^2/NDF : 502.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

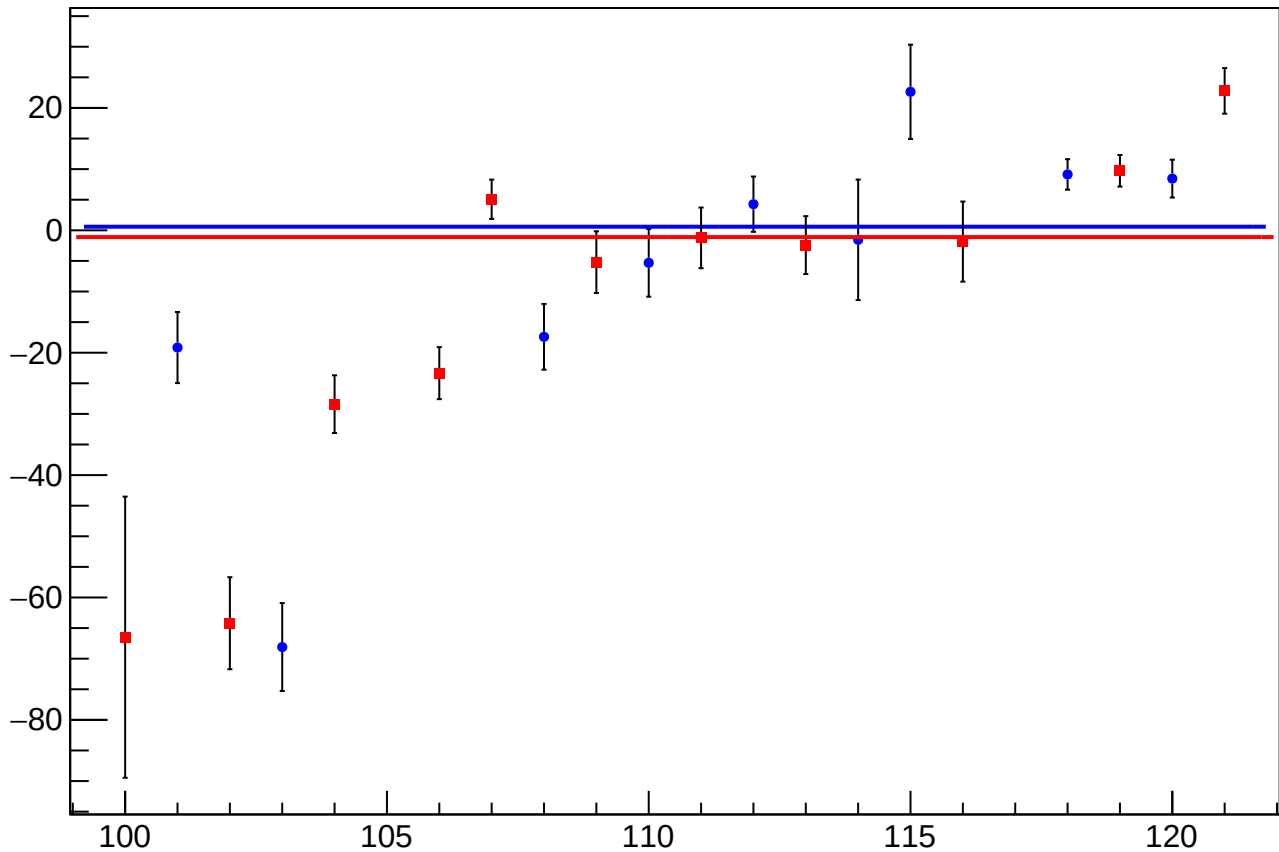
Right: 160.974+/-0.963 χ^2/NDF : 810.5/19

In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.974+/-0.963 χ^2/NDF : 810.5/19

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.104+/-1.306 χ^2/NDF : 202.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

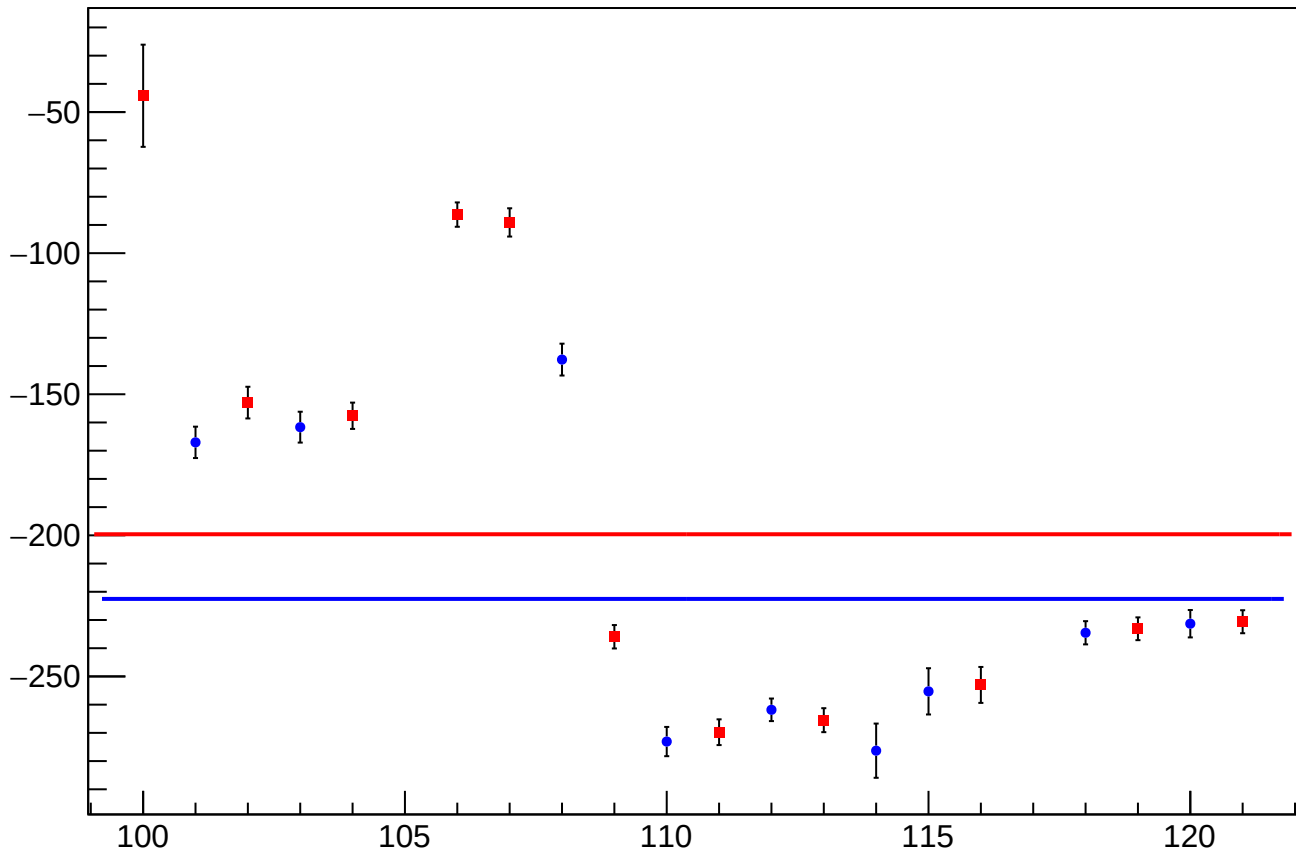
Right: -0.361+/-0.978 χ^2/NDF : 345.6/19

In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.361+/-0.978 χ^2/NDF : 345.6/19

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.613+/-1.440 χ^2/NDF : 2150.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

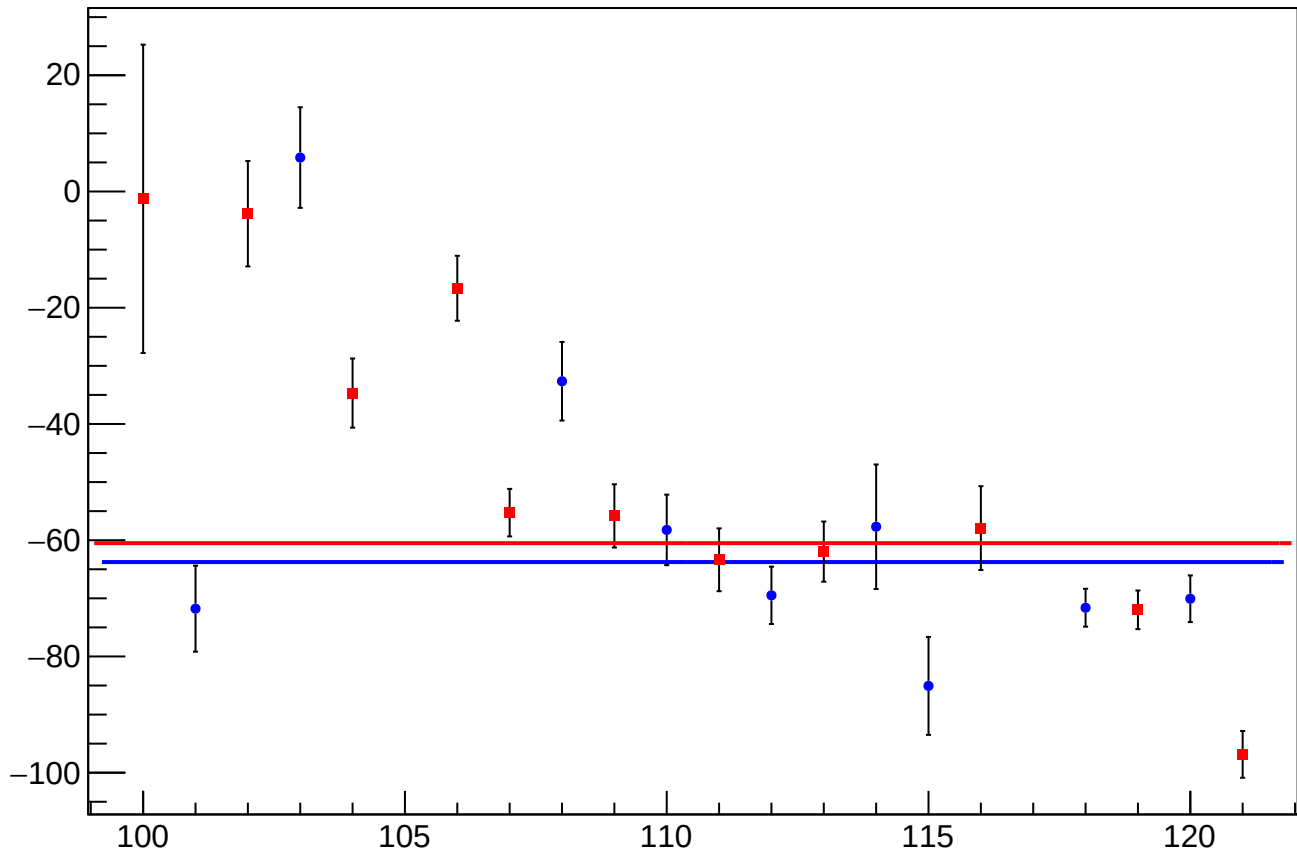
Right: -208.825+/-1.114 χ^2/NDF : 2952.1/19

In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.825+/-1.114 χ^2/NDF : 2952.1/19

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.759+/-1.824 χ^2/NDF : 104.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.505+/-1.561 χ^2/NDF : 220.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

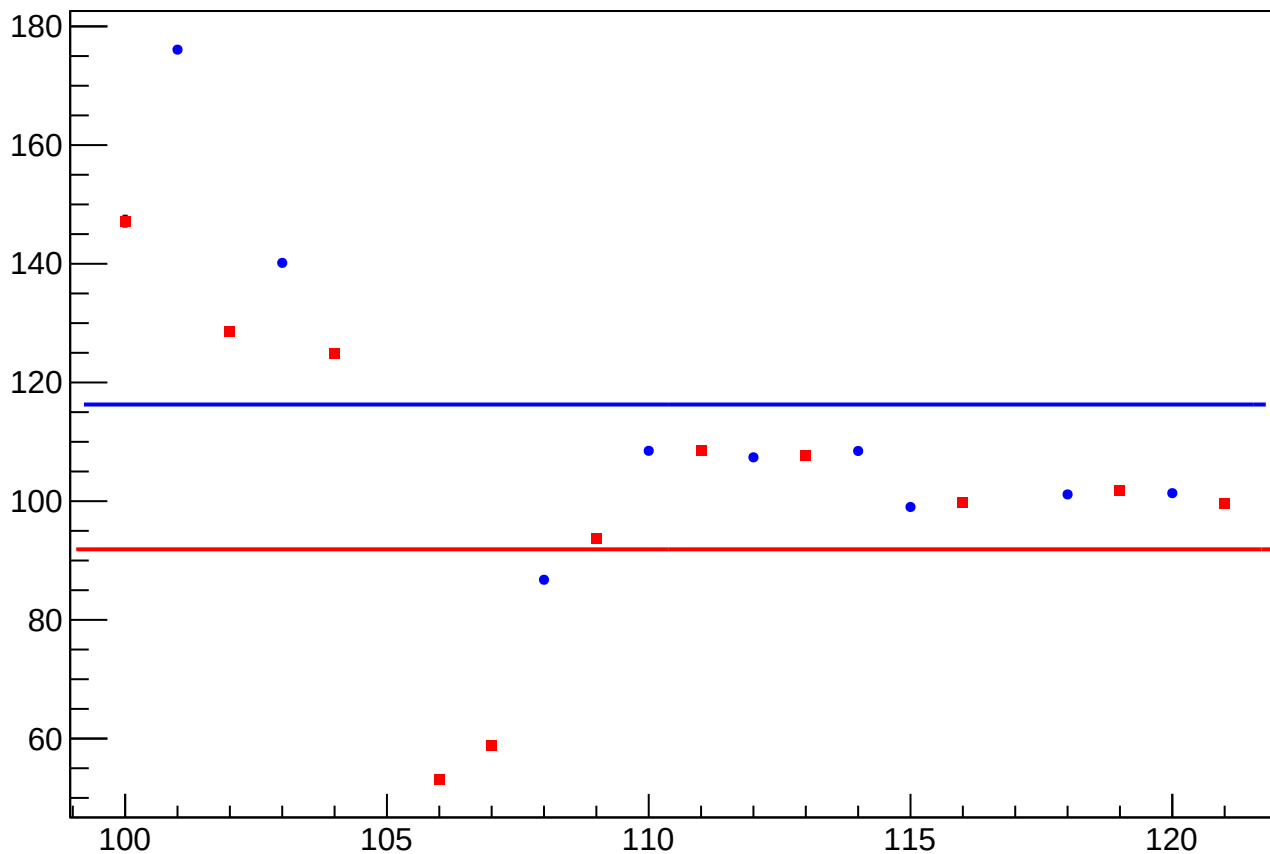
Right: -61.881+/-1.186 χ^2/NDF : 326.8/19

In: -63.759+/-1.824 χ^2/NDF : 104.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.881+/-1.186 χ^2/NDF : 326.8/19

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.886+/-0.085 χ^2/NDF : 120304.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

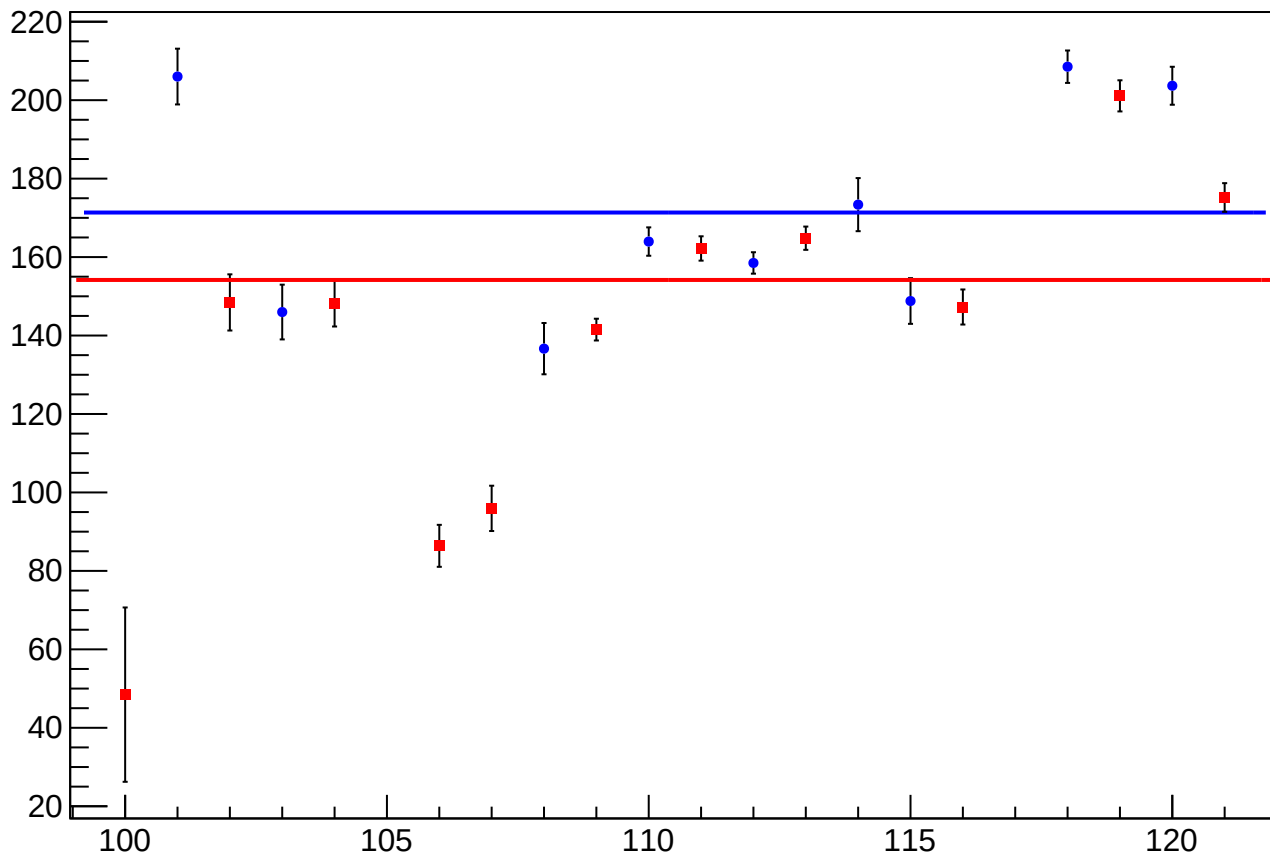
Right: 100.965+/-0.067 χ^2/NDF : 216485.2/19

In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.965+/-0.067 χ^2/NDF : 216485.2/19

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.169+/-1.239 χ^2/NDF : 502.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

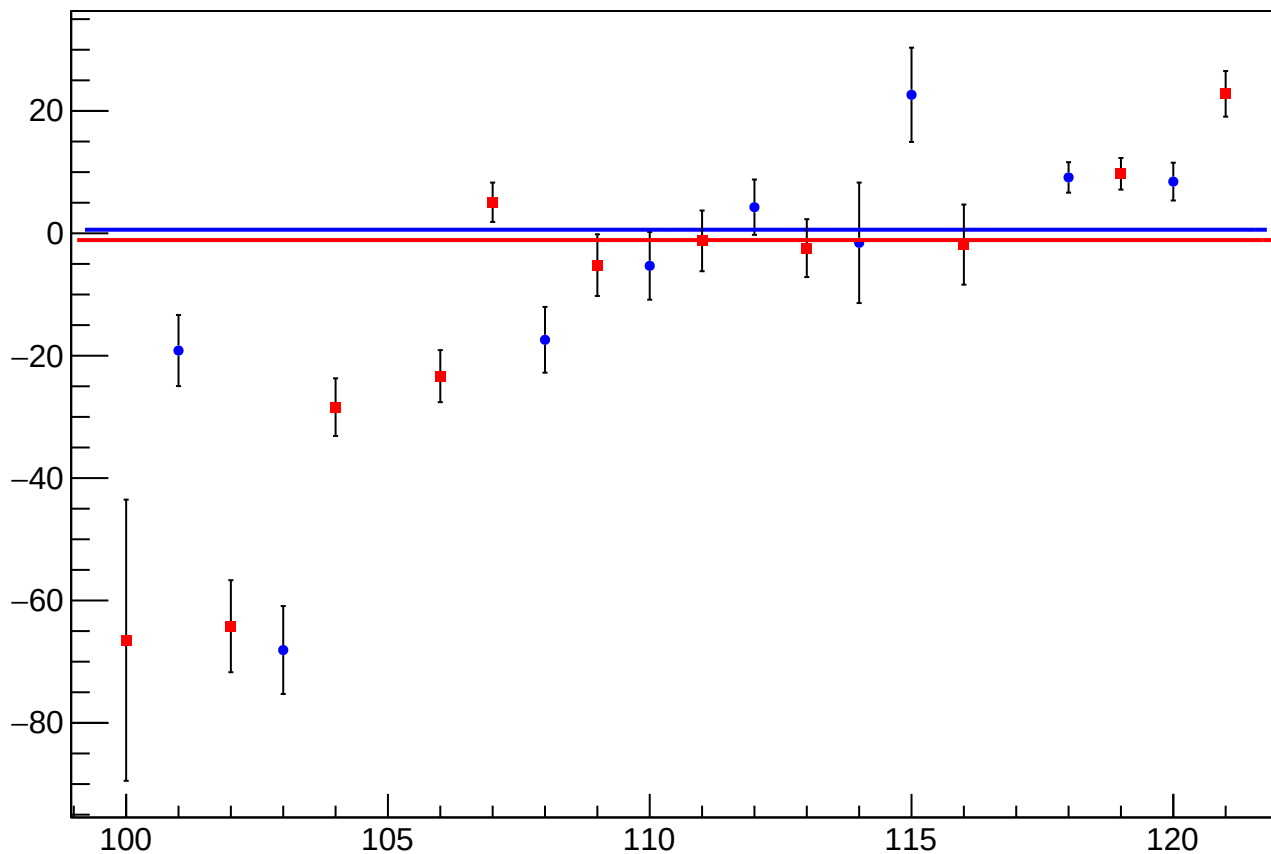
Right: 160.974+/-0.963 χ^2/NDF : 810.5/19

In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.974+/-0.963 χ^2/NDF : 810.5/19

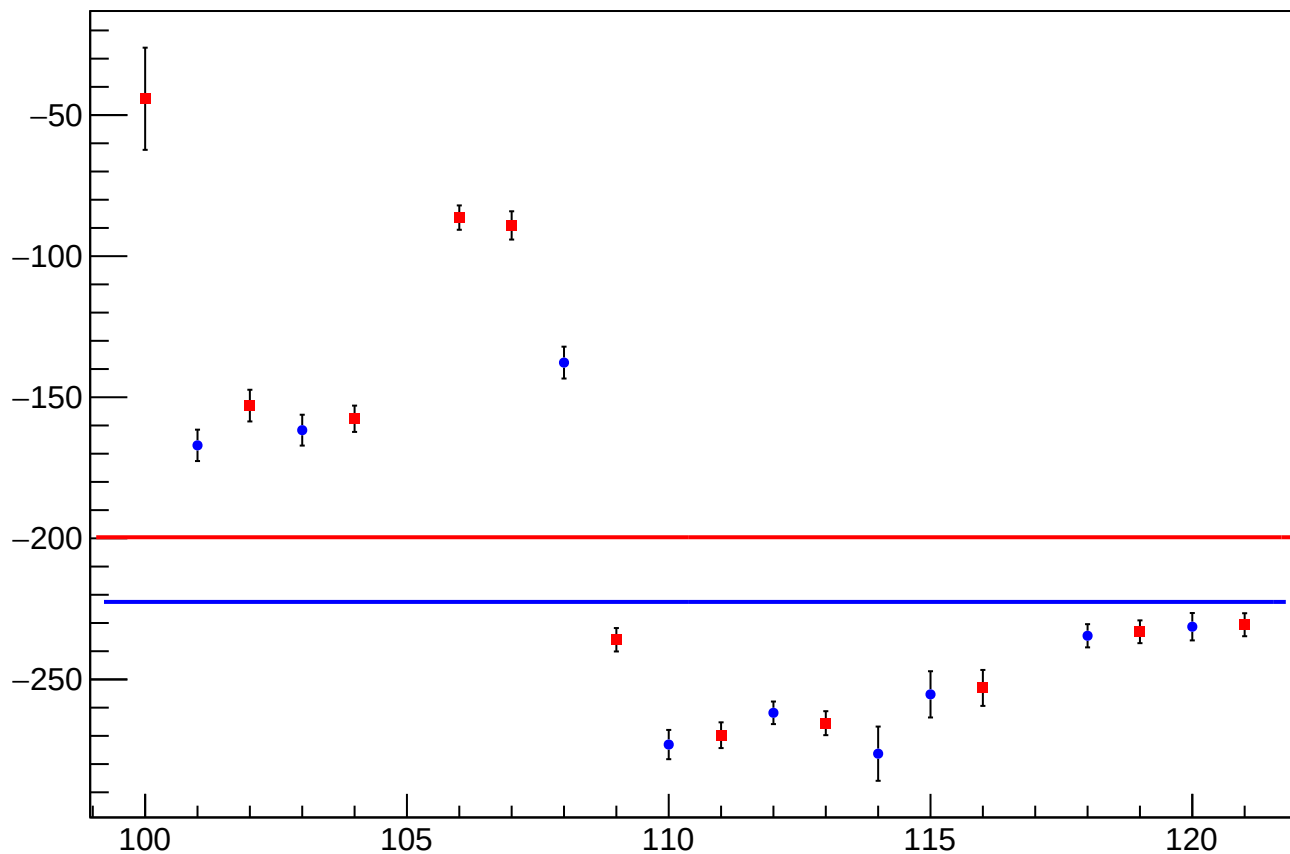
reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-1.477 χ^2 /NDF: 142.4/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.104+/-1.306 χ^2 /NDF: 202.5/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.361+/-0.978 χ^2 /NDF: 345.6/19
 In: 0.589+/-1.477 χ^2 /NDF:142.4/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.361+/-0.978 χ^2 /NDF: 345.6/19

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.613+/-1.440 χ^2/NDF : 2150.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

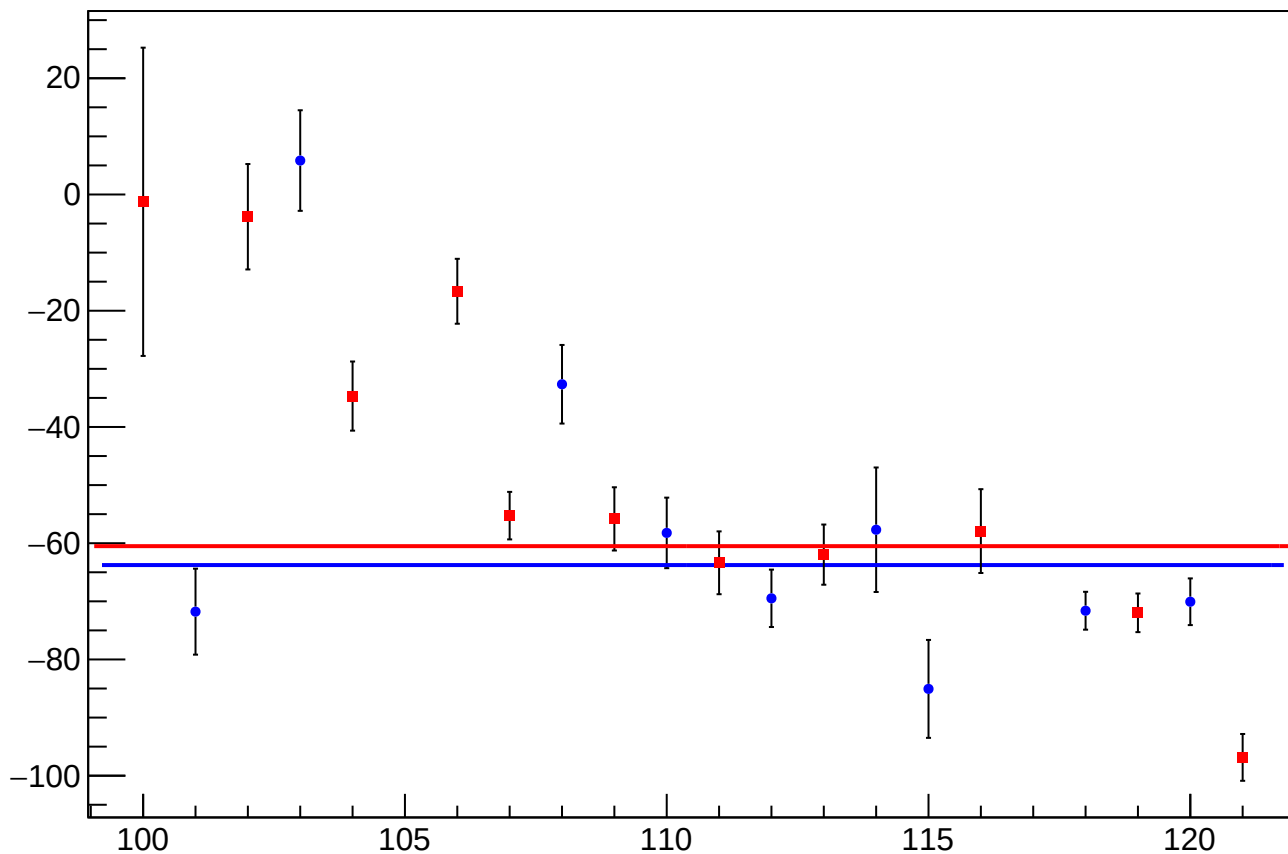
Right: -208.825+/-1.114 χ^2/NDF : 2952.1/19

In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.825+/-1.114 χ^2/NDF : 2952.1/19

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.759 ± 1.824 $\chi^2/\text{NDF}: 104.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -60.505 ± 1.561 $\chi^2/\text{NDF}: 220.8/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

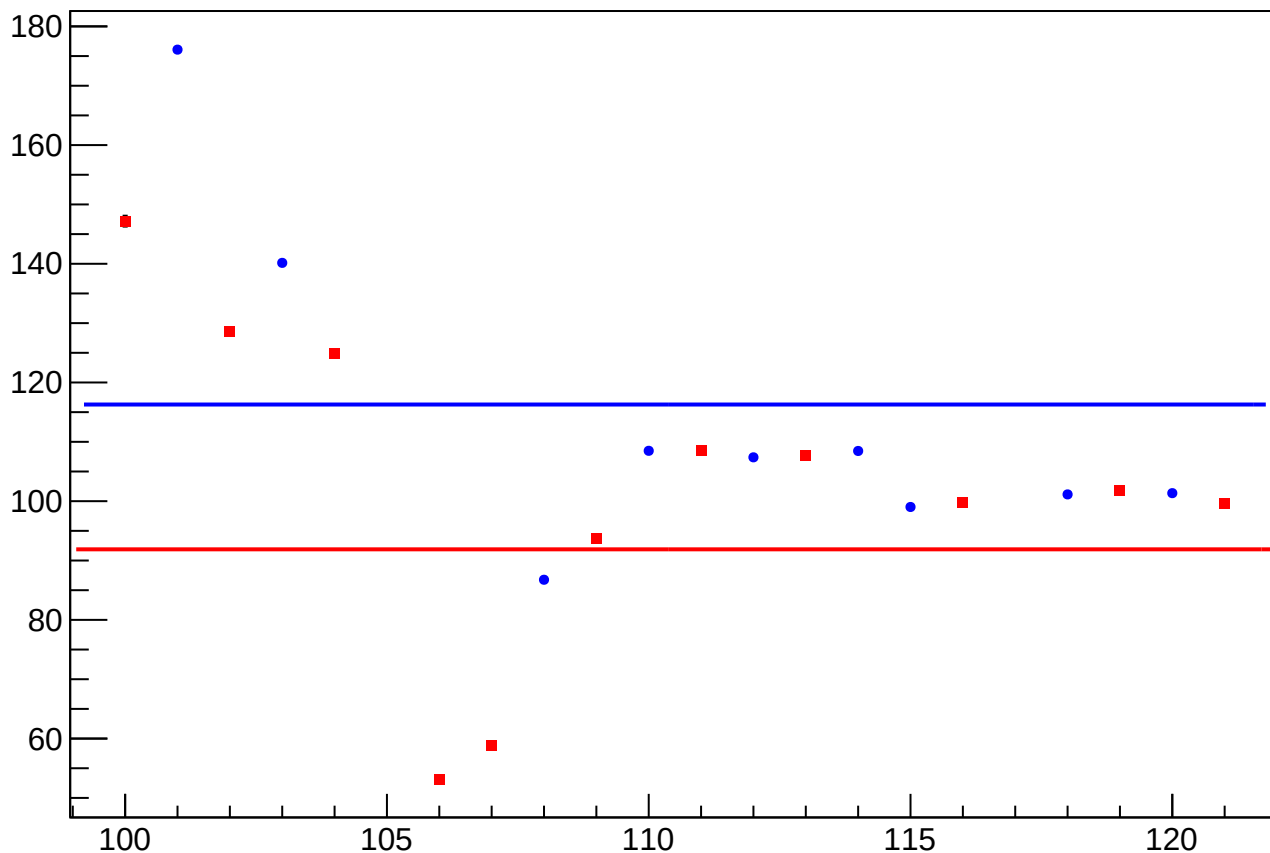
Right: -61.881 ± 1.186 $\chi^2/\text{NDF}: 326.8/19$

In: -63.759 ± 1.824 $\chi^2/\text{NDF}: 104.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.881 ± 1.186 $\chi^2/\text{NDF}: 326.8/19$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.886+/-0.085 χ^2/NDF : 120304.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

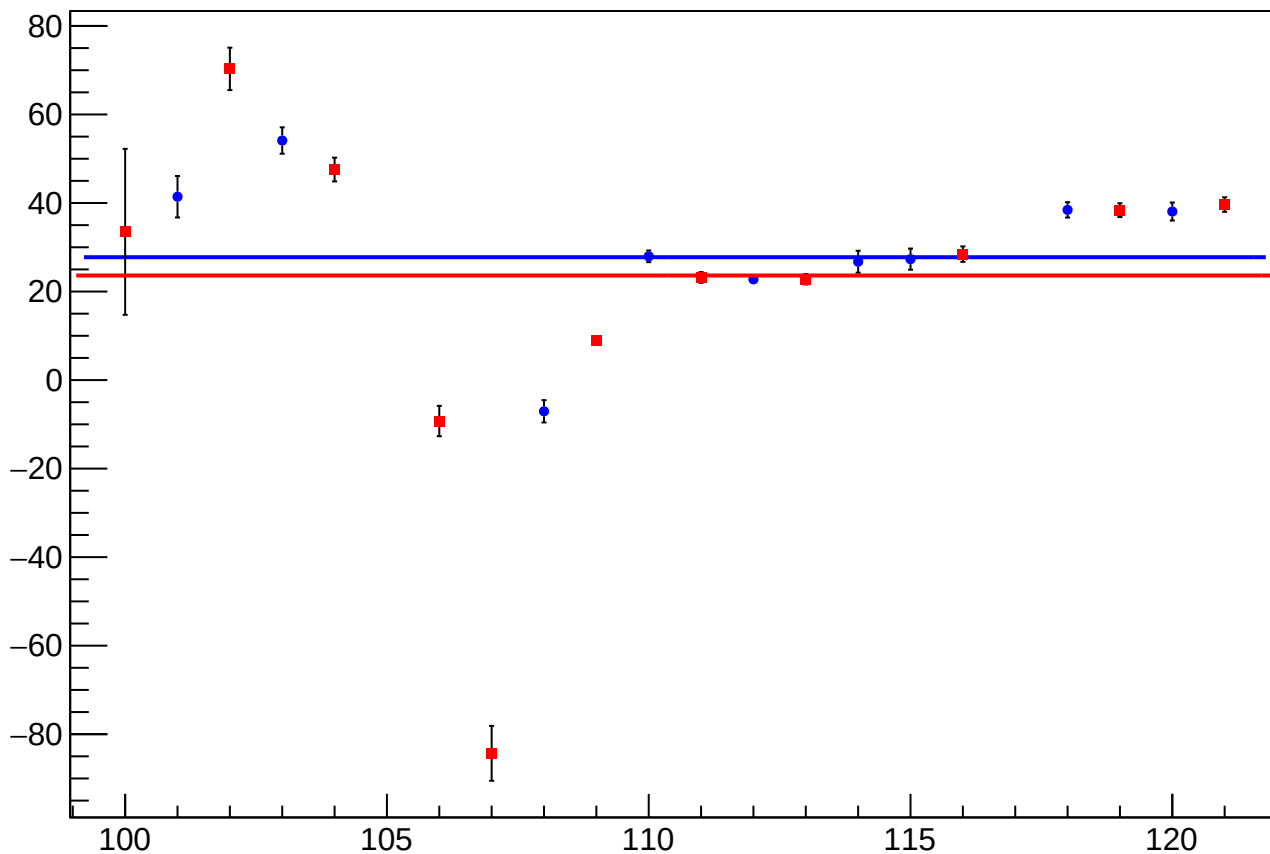
Right: 100.965+/-0.067 χ^2/NDF : 216485.2/19

In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.965+/-0.067 χ^2/NDF : 216485.2/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.626+/-0.522 χ^2/NDF : 946.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

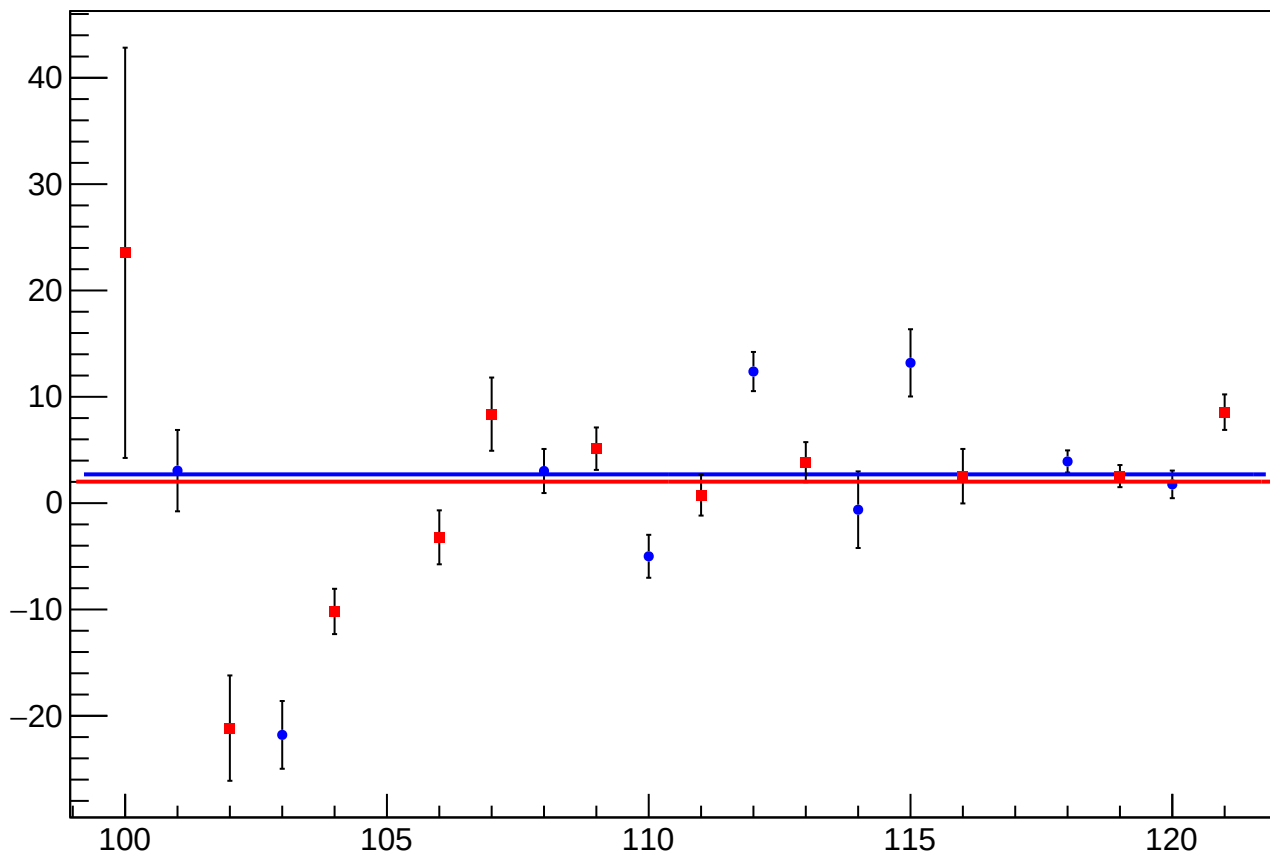
Right: 25.343+/-0.399 χ^2/NDF : 1334.1/19

In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.343+/-0.399 χ^2/NDF : 1334.1/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.022+/-0.604 χ^2/NDF : 83.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

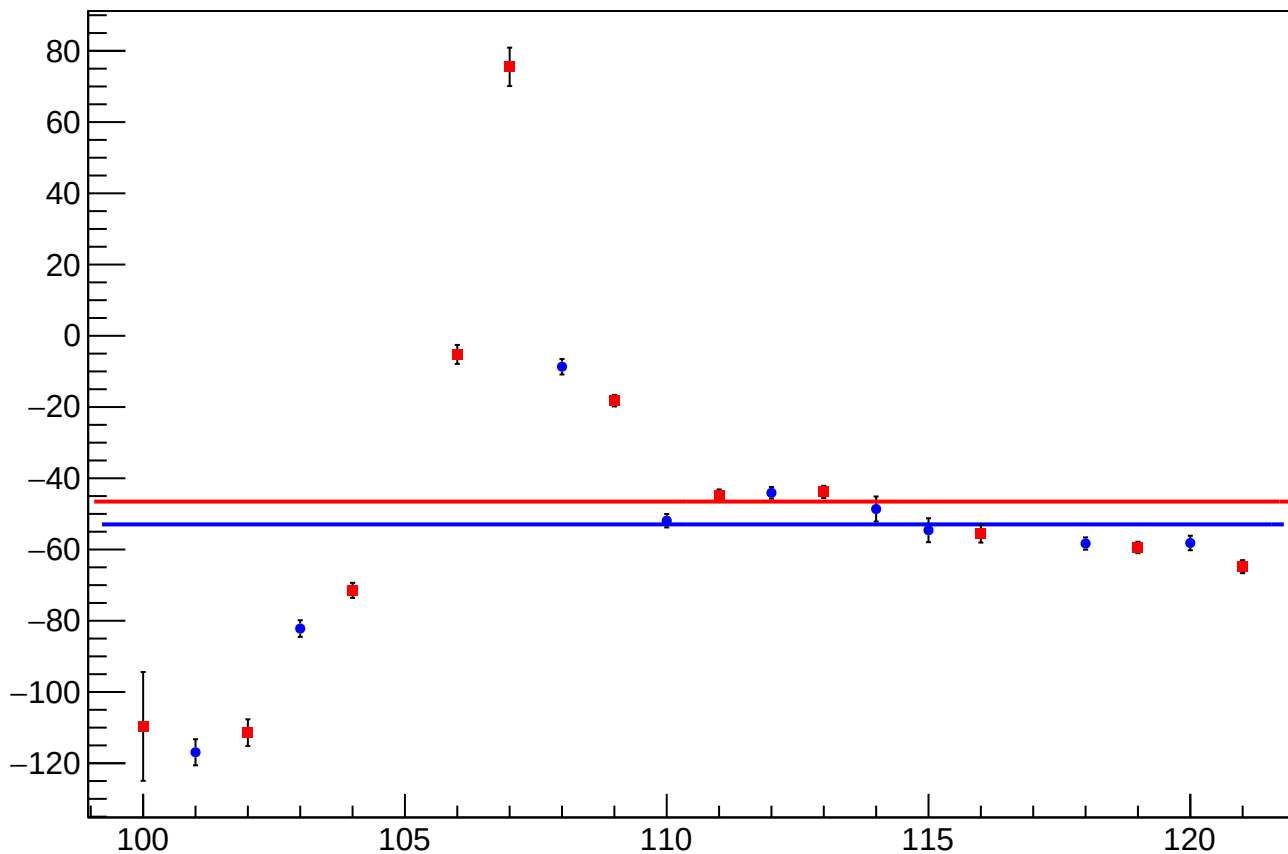
Right: 2.357+/-0.431 χ^2/NDF : 198.6/19

In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.357+/-0.431 χ^2/NDF : 198.6/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.945 $\pm$ 0.731 χ^2 /NDF: 922.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.539 $\pm$ 0.649 χ^2 /NDF: 1699.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

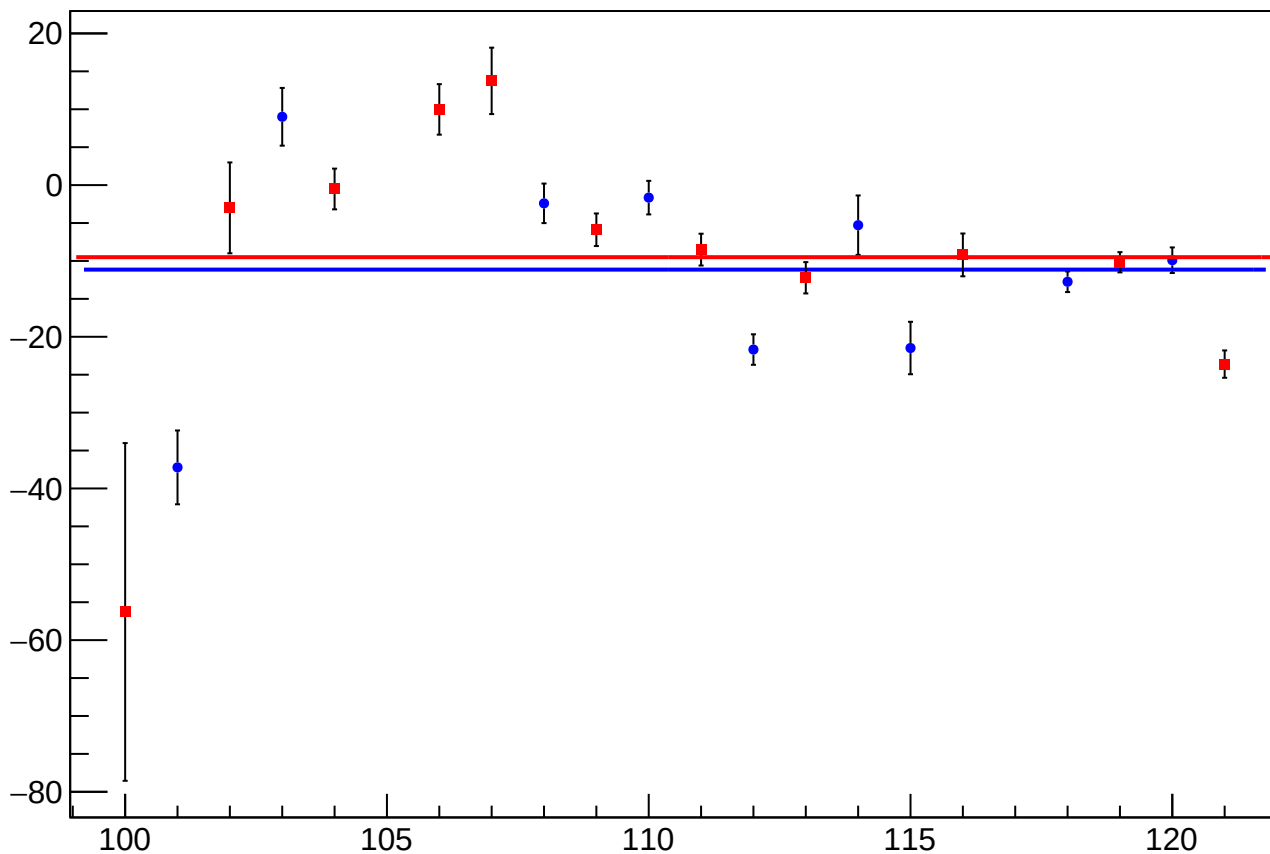
Right: -49.361 $\pm$ 0.485 χ^2 /NDF: 2664.4/19

In: -52.945 $\pm$ 0.731 χ^2 /NDF:922.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.361 $\pm$ 0.485 χ^2 /NDF: 2664.4/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.144+/-0.756 χ^2/NDF : 126.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.503+/-0.710 χ^2/NDF : 145.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

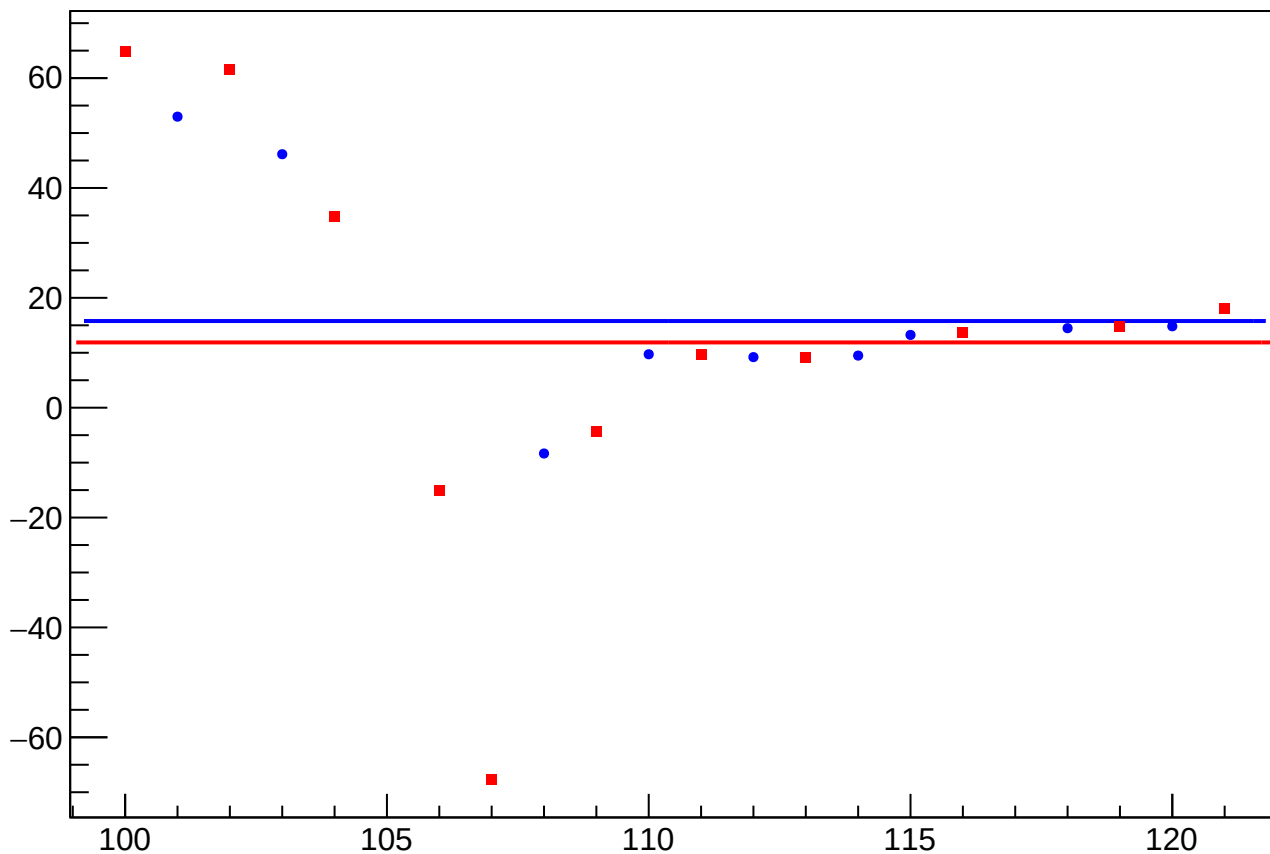
Right: -10.271+/-0.518 χ^2/NDF : 274.8/19

In: -11.144+/-0.756 χ^2/NDF : 126.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.271+/-0.518 χ^2/NDF : 274.8/19

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.778 $\pm$ 0.046 χ^2 /NDF: 204228.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.881 $\pm$ 0.043 χ^2 /NDF: 344858.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

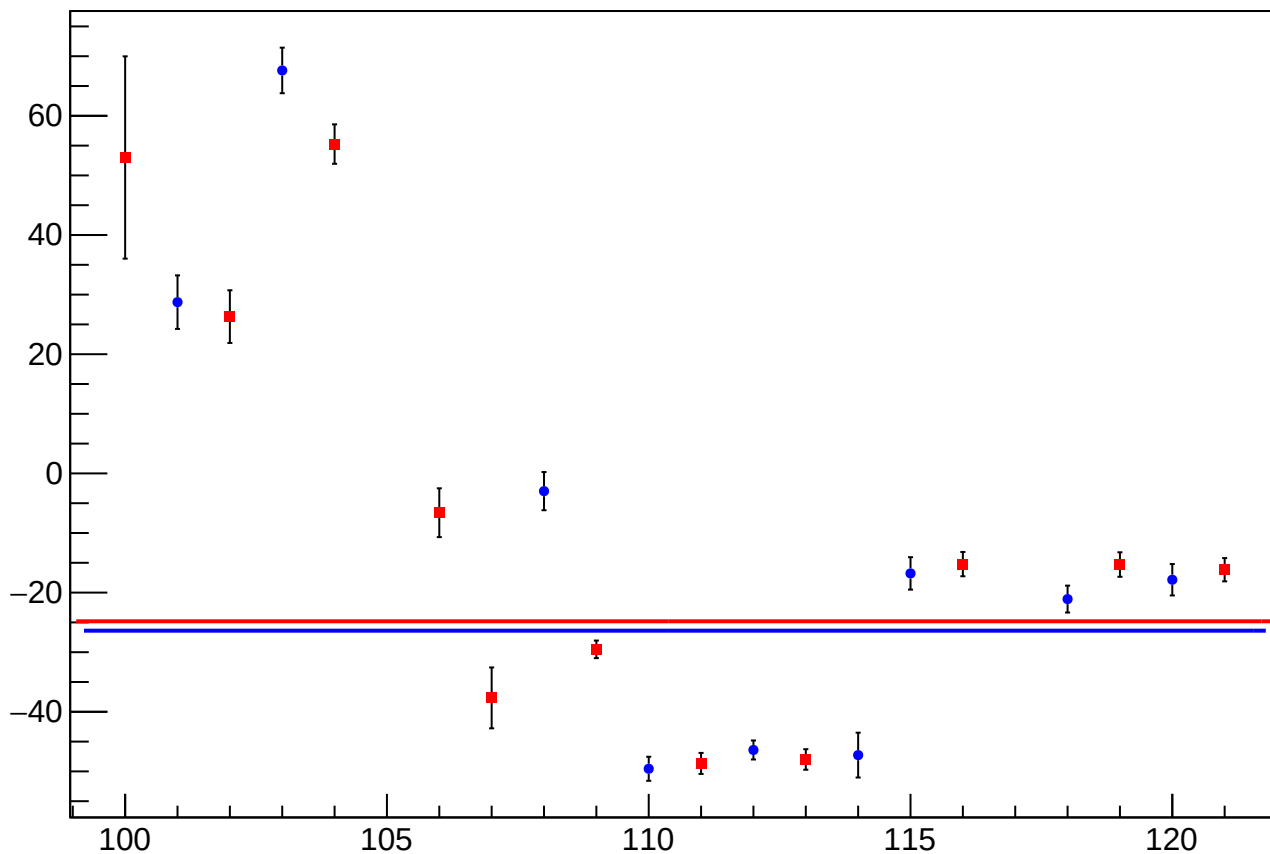
Right: 13.722 $\pm$ 0.031 χ^2 /NDF: 552912.0/19

In: 15.778 $\pm$ 0.046 χ^2 /NDF:204228.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.722 $\pm$ 0.031 χ^2 /NDF: 552912.0/19

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.389+/-0.845 χ^2/NDF : 1158.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -24.814+/-0.690 χ^2/NDF : 1203.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

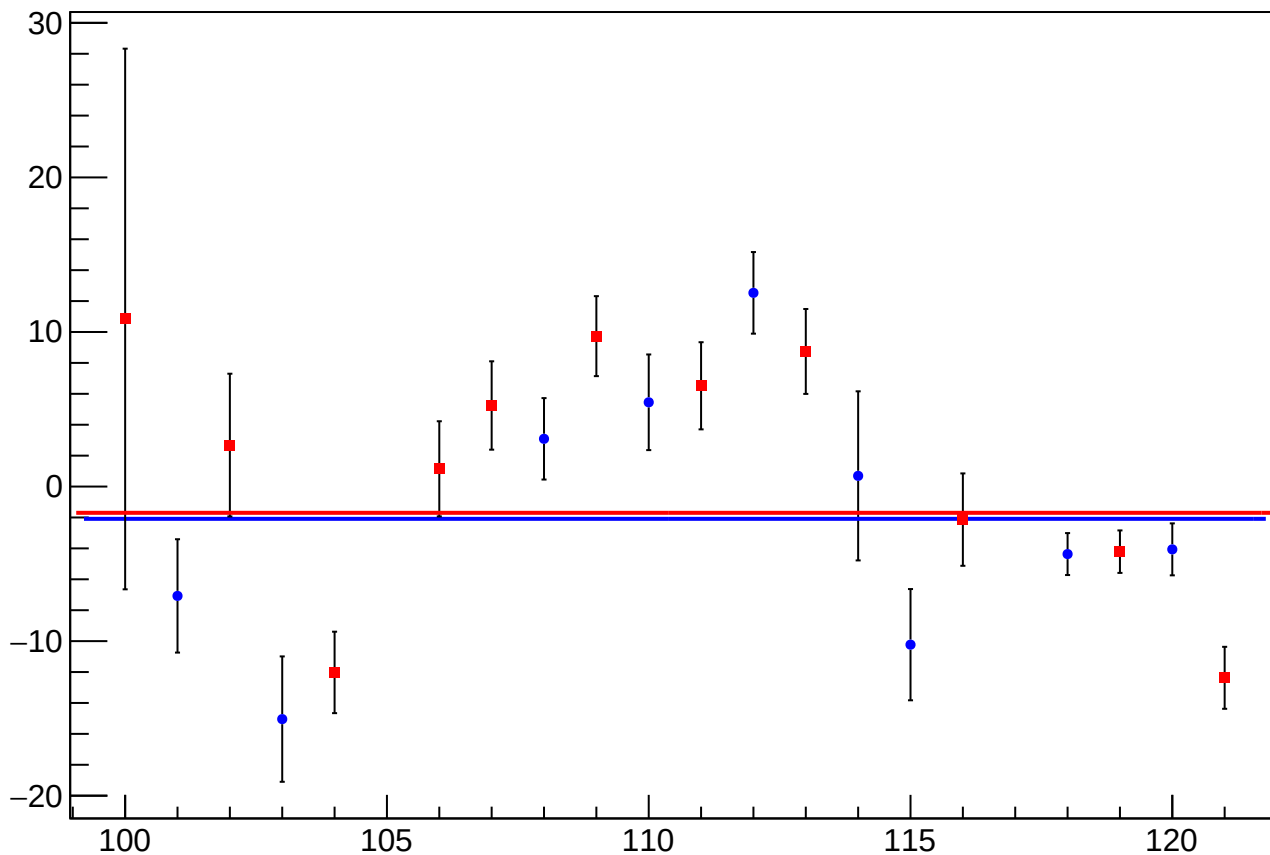
Right: -25.444+/-0.534 χ^2/NDF : 2363.9/19

In: -26.389+/-0.845 χ^2/NDF :1158.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.444+/-0.534 χ^2/NDF : 2363.9/19

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.088+/-0.807 χ^2/NDF : 62.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.699+/-0.762 χ^2/NDF : 97.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

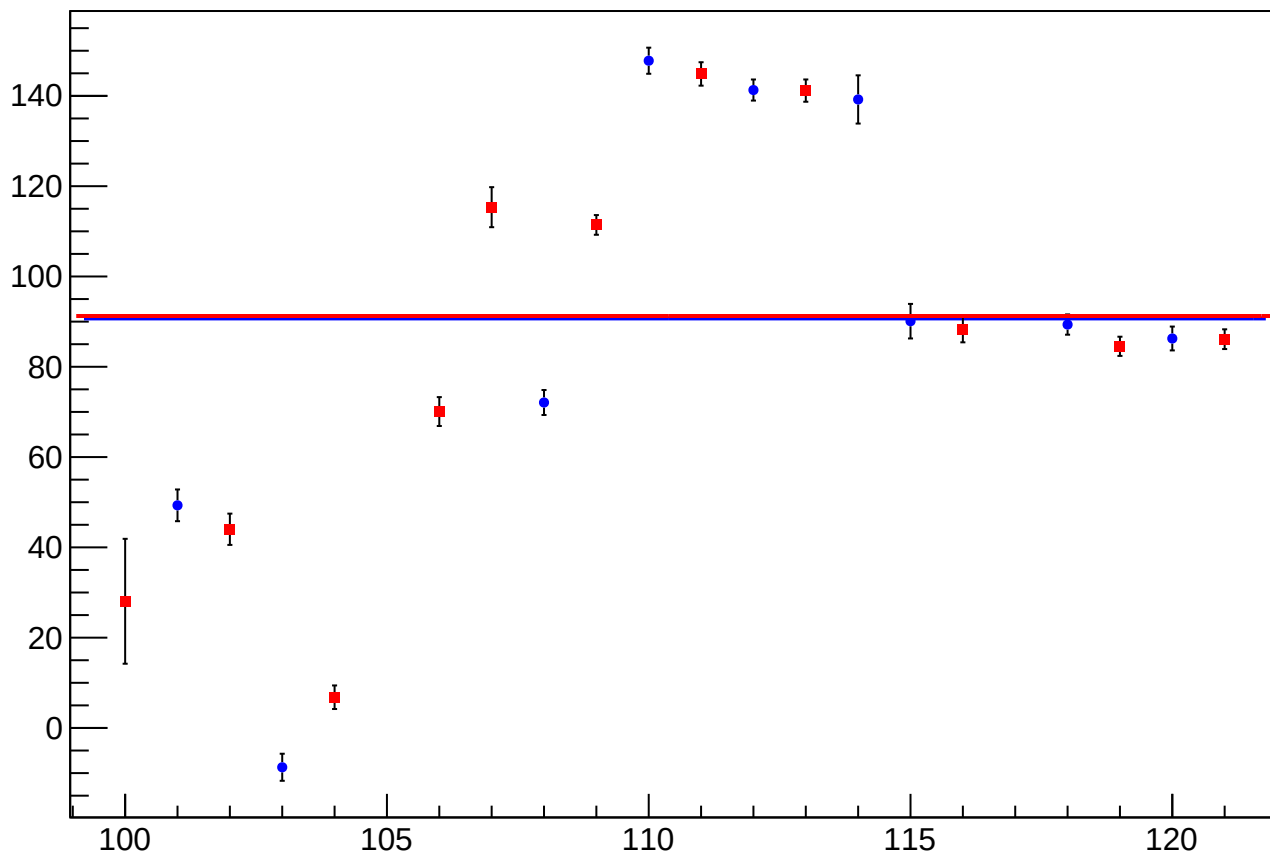
Right: -1.882+/-0.554 χ^2/NDF : 159.9/19

In: -2.088+/-0.807 χ^2/NDF :62.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.882+/-0.554 χ^2/NDF : 159.9/19

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.712 $\pm$ 0.966 χ^2 /NDF: 2229.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.245 $\pm$ 0.829 χ^2 /NDF: 2265.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

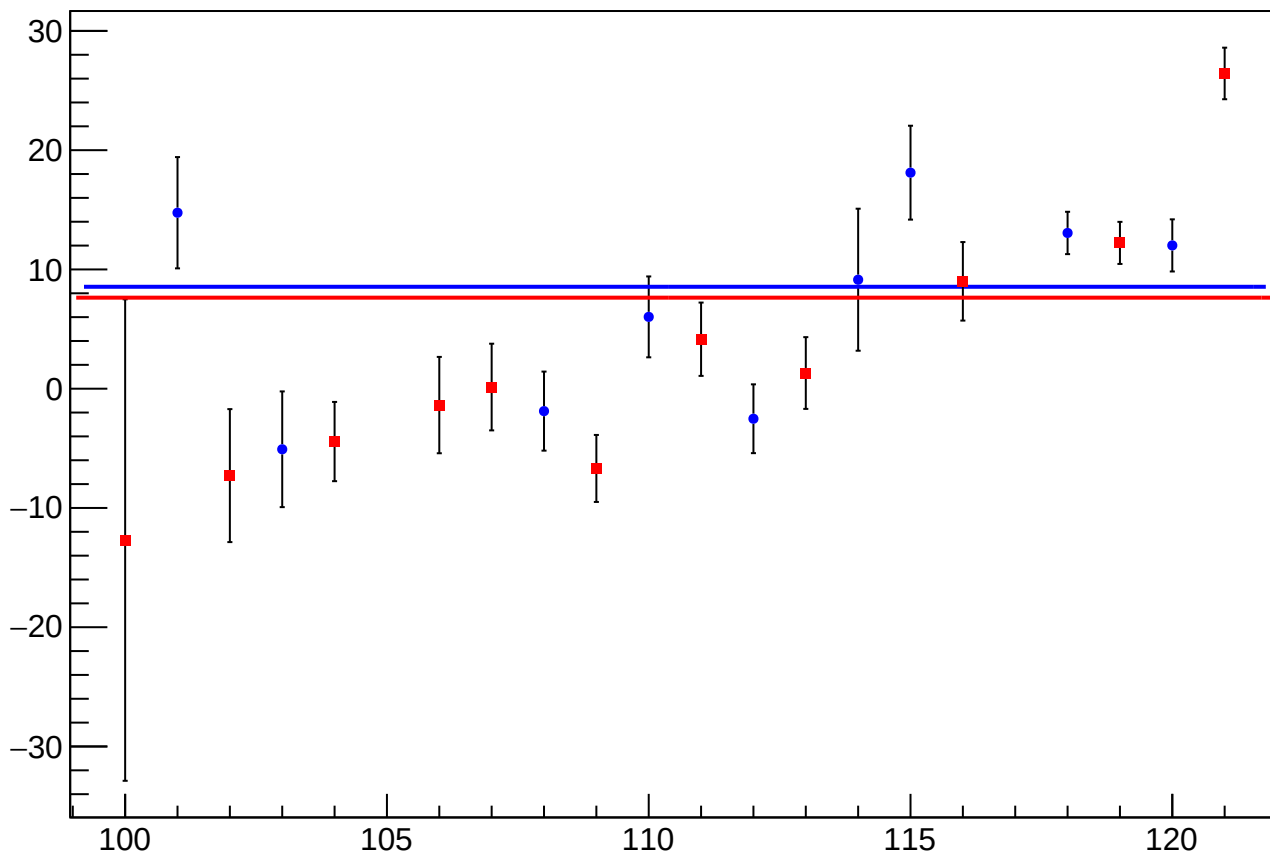
Right: 91.019 $\pm$ 0.629 χ^2 /NDF: 4494.7/19

In: 90.712 $\pm$ 0.966 χ^2 /NDF:2229.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.019 $\pm$ 0.629 χ^2 /NDF: 4494.7/19

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.633+/-0.901 χ^2/NDF : 144.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

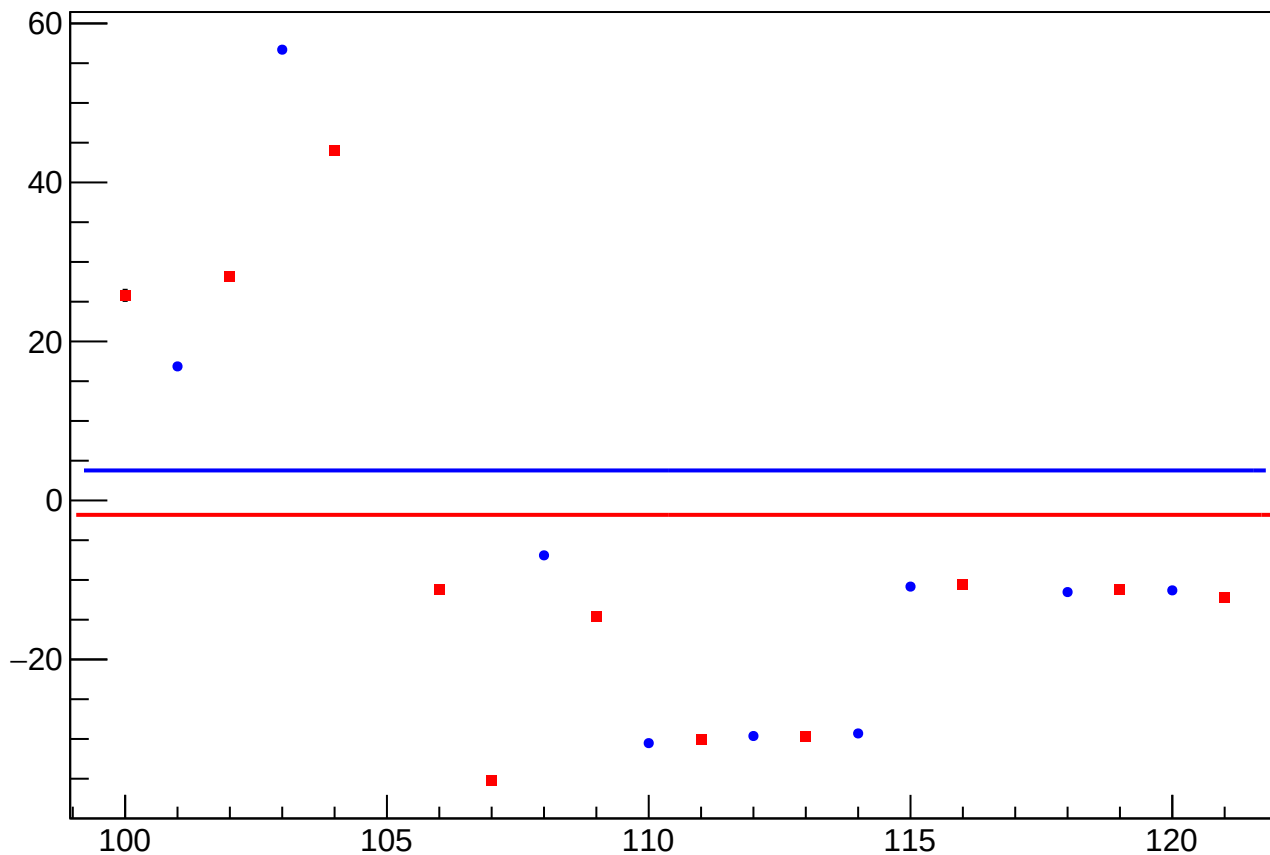
Right: 8.043+/-0.668 χ^2/NDF : 195.0/19

In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.043+/-0.668 χ^2/NDF : 195.0/19

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.811+/-0.053 χ^2/NDF : 267448.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

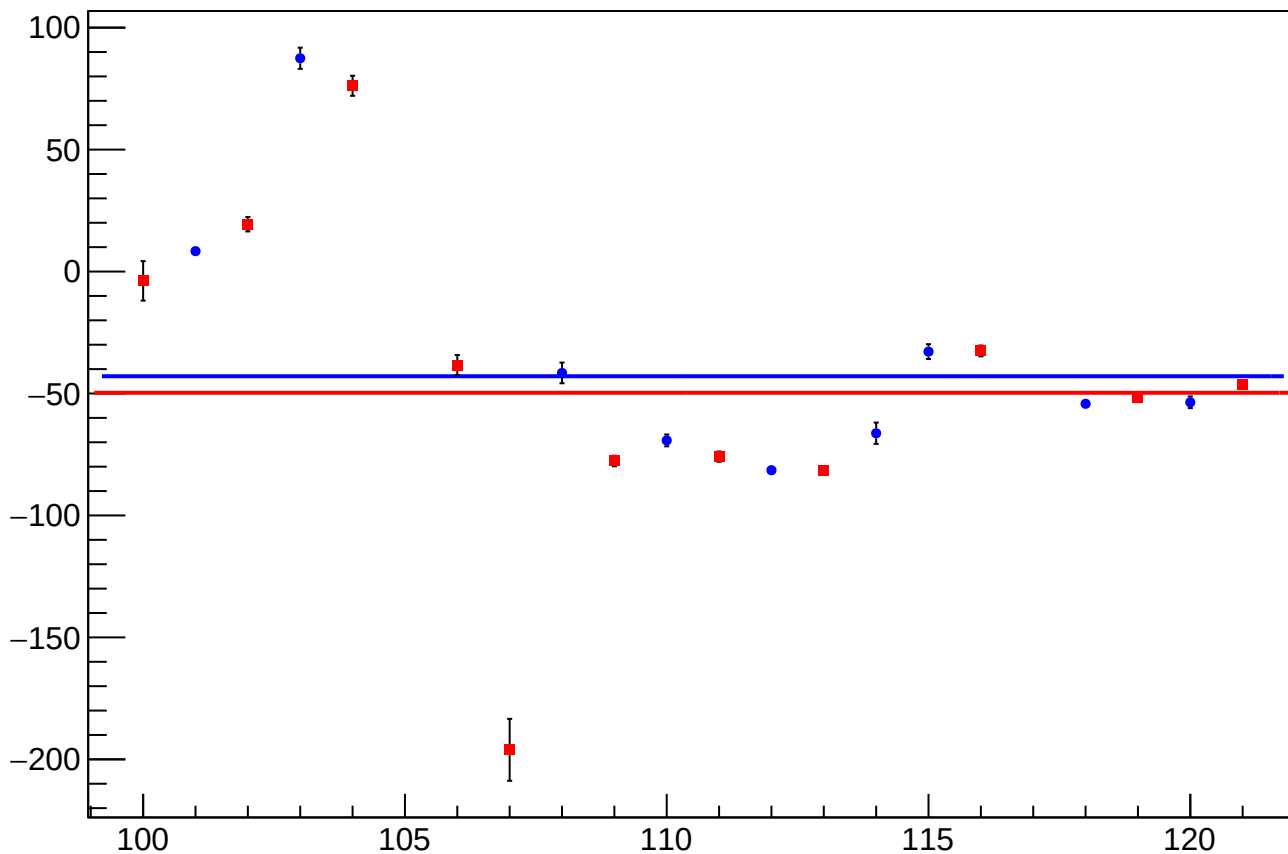
Right: 0.649+/-0.039 χ^2/NDF : 537925.5/19

In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.649+/-0.039 χ^2/NDF : 537925.5/19

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.928 ± 0.854 χ^2/NDF : 2169.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.702 ± 0.766 χ^2/NDF : 2290.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

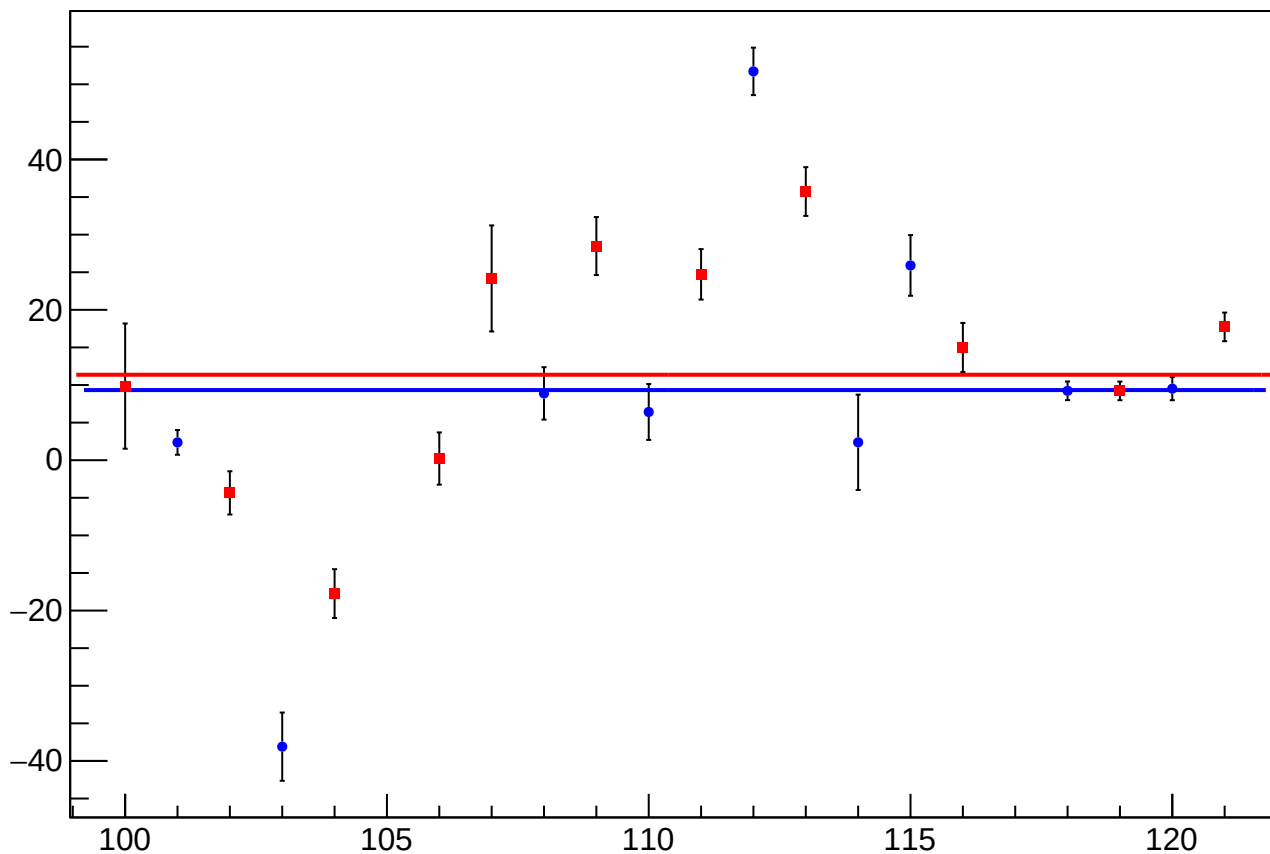
Right: -46.685 ± 0.570 χ^2/NDF : 4494.5/19

In: -42.928 ± 0.854 χ^2/NDF : 2169.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.685 ± 0.570 χ^2/NDF : 4494.5/19

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.327+/-0.739 χ^2/NDF : 326.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11.366+/-0.788 χ^2/NDF : 231.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

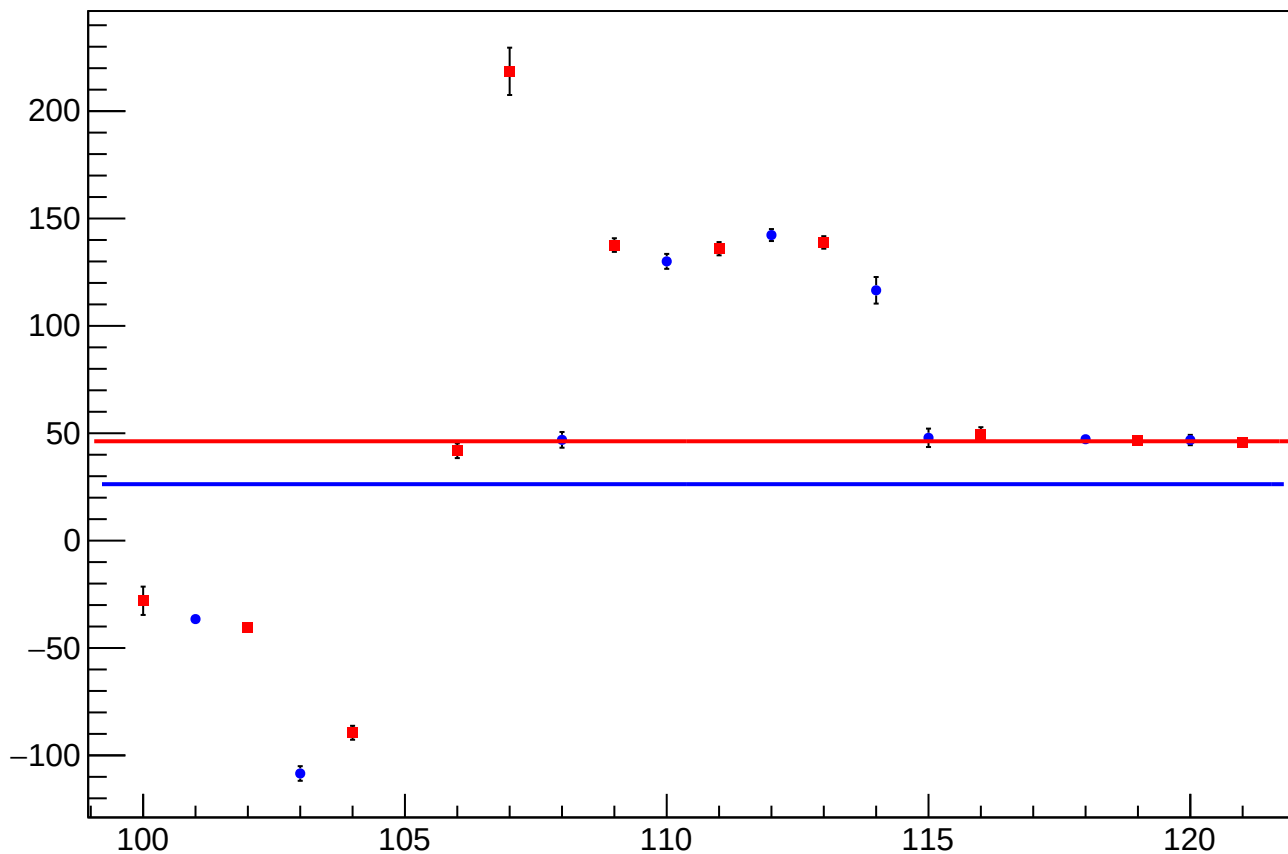
Right: 10.280+/-0.539 χ^2/NDF : 561.0/19

In: 9.327+/-0.739 χ^2/NDF :326.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.280+/-0.539 χ^2/NDF : 561.0/19

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.285+/-0.889 χ^2/NDF : 6226.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.268+/-0.870 χ^2/NDF : 6208.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

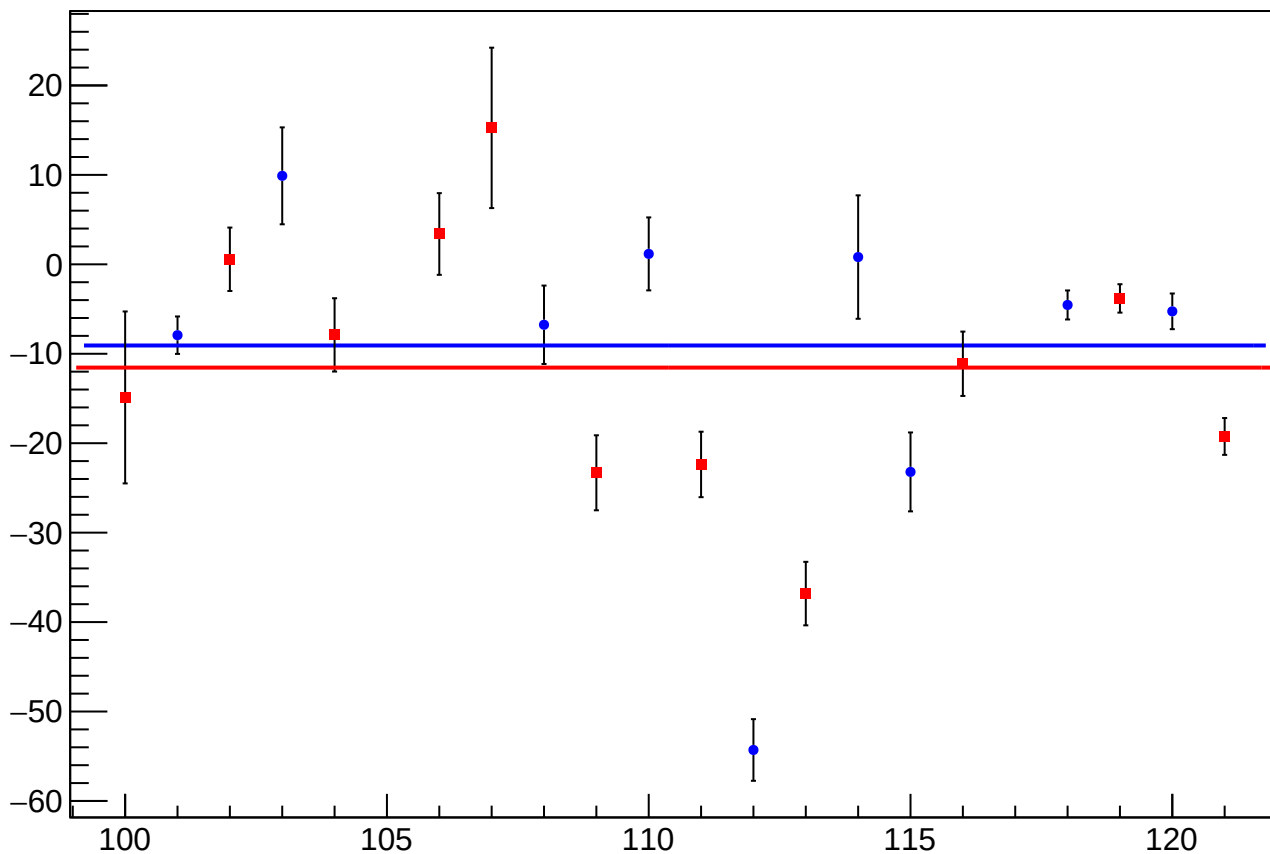
Right: 36.495+/-0.622 χ^2/NDF : 12693.4/19

In: 26.285+/-0.889 χ^2/NDF : 6226.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.495+/-0.622 χ^2/NDF : 12693.4/19

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.074+/-0.927 χ^2/NDF : 215.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.548+/-0.940 χ^2/NDF : 137.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

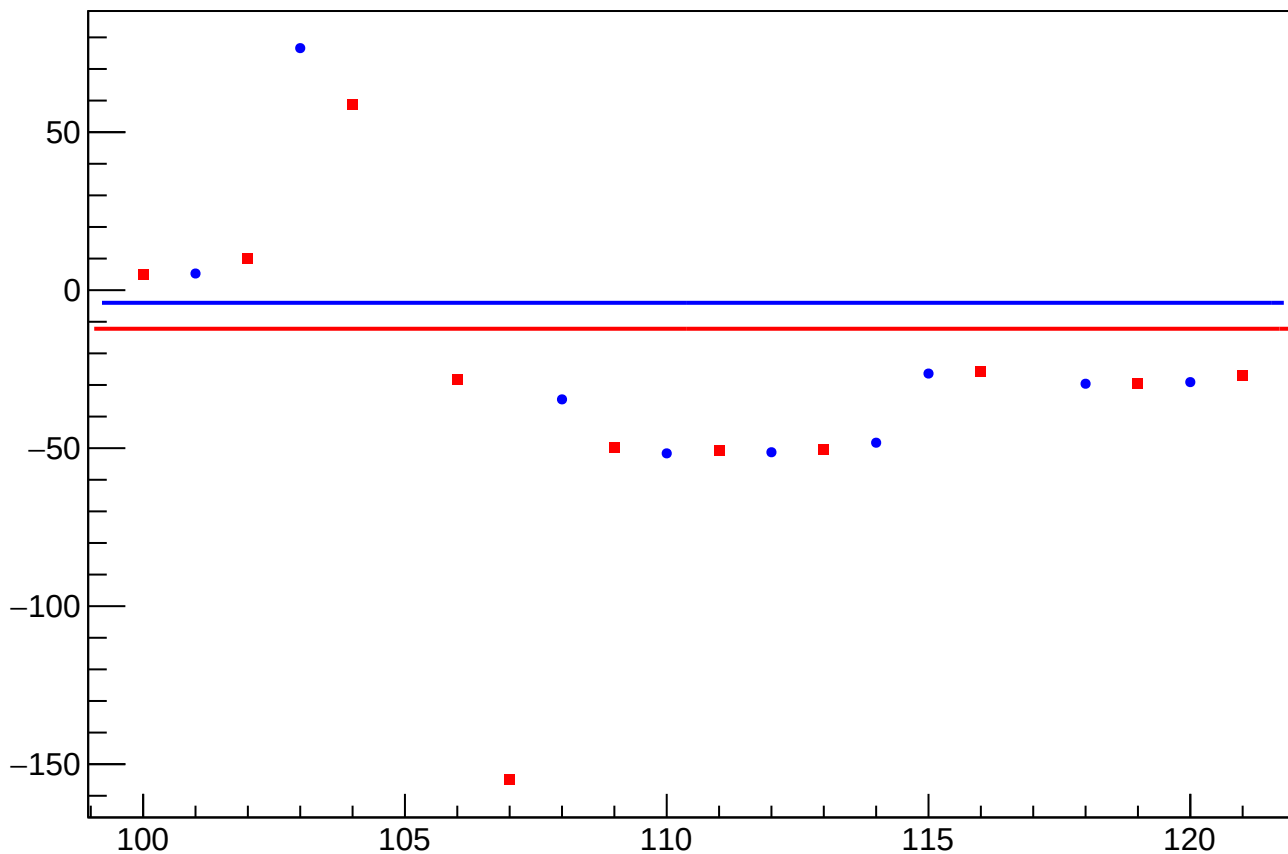
Right: -10.294+/-0.660 χ^2/NDF : 355.8/19

In: -9.074+/-0.927 χ^2/NDF : 215.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.294+/-0.660 χ^2/NDF : 355.8/19

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.996+/-0.056 χ^2/NDF : 501985.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.209+/-0.054 χ^2/NDF : 473959.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

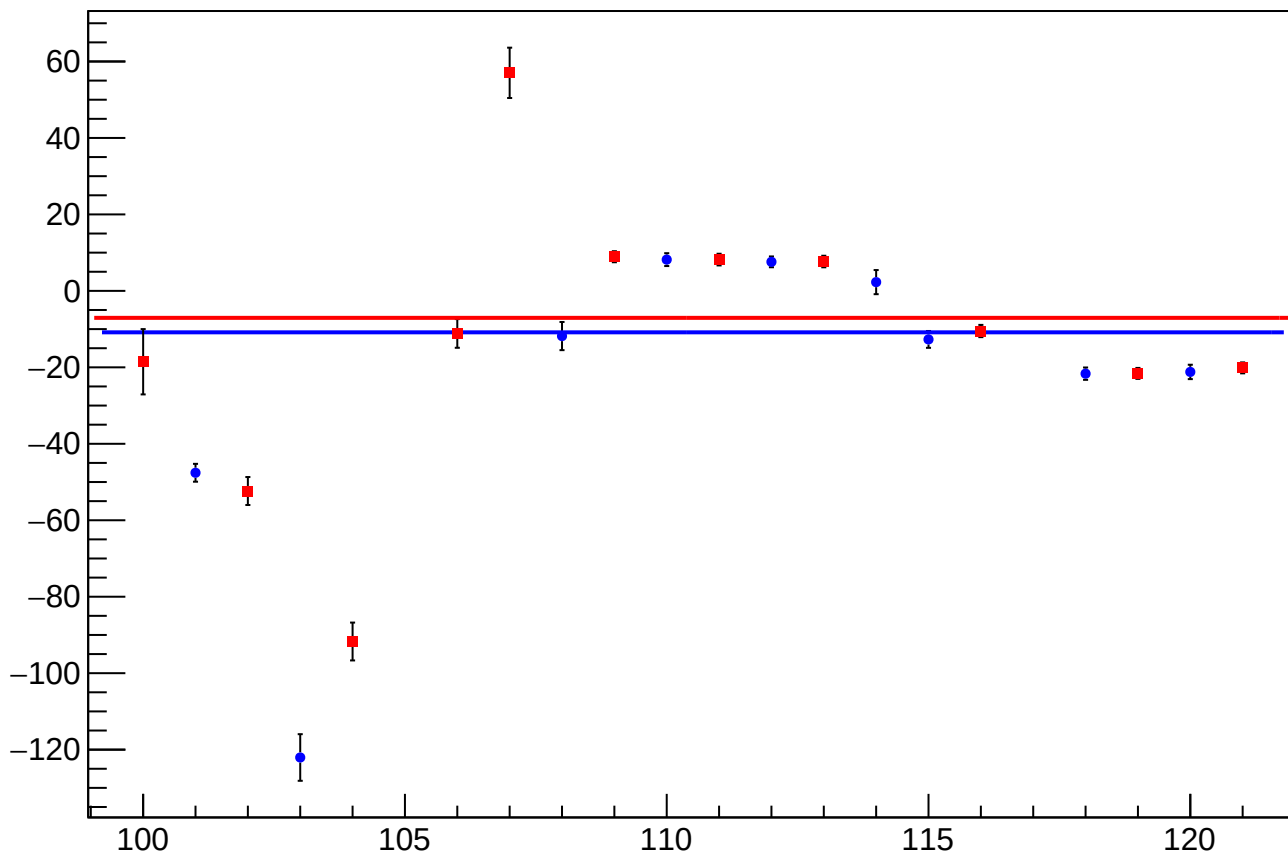
Right: -8.223+/-0.039 χ^2/NDF : 987120.0/19

In: -3.996+/-0.056 χ^2/NDF : 501985.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.223+/-0.039 χ^2/NDF : 987120.0/19

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.844 ± 0.688 χ^2/NDF : 971.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.056 ± 0.583 χ^2/NDF : 1052.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

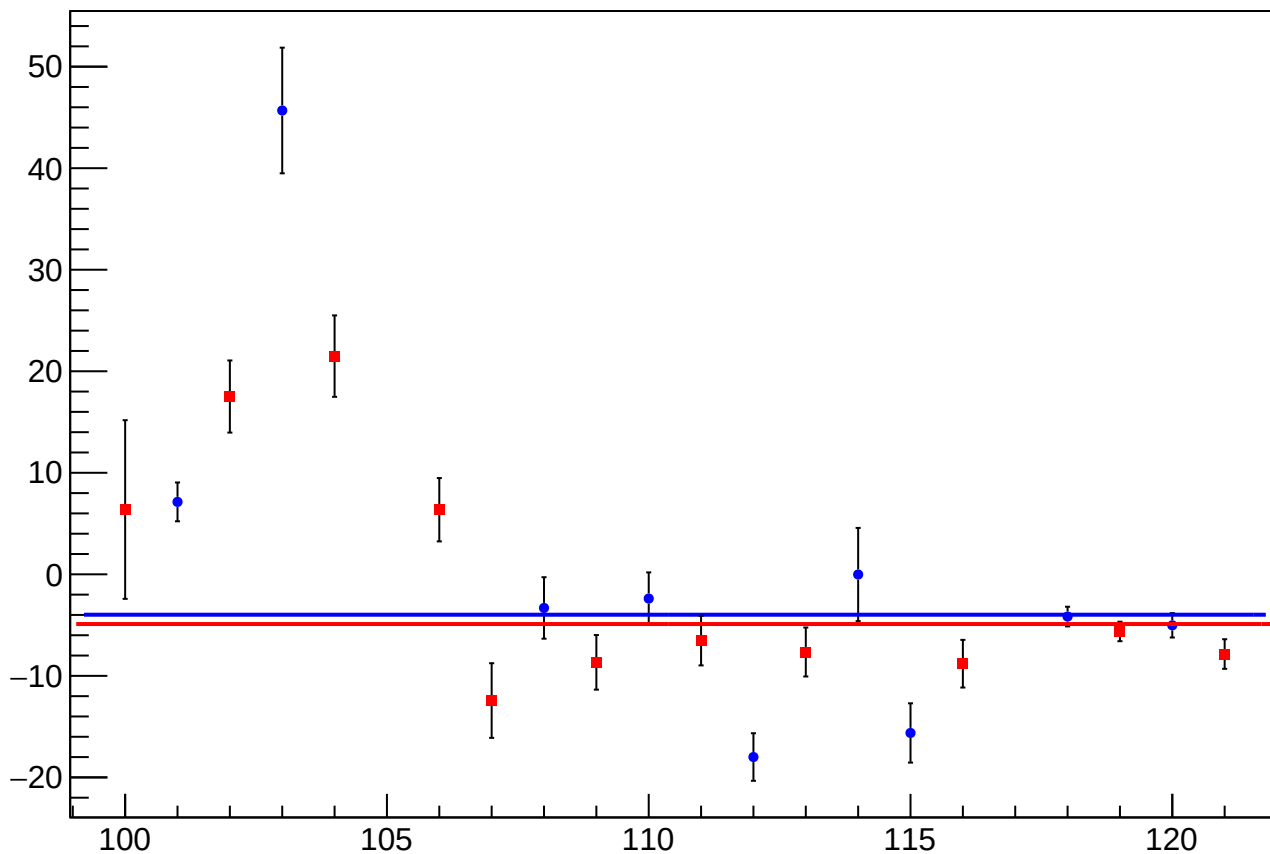
Right: -8.640 ± 0.445 χ^2/NDF : 2041.2/19

In: -10.844 ± 0.688 χ^2/NDF : 971.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.640 ± 0.445 χ^2/NDF : 2041.2/19

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.978+/-0.612 χ^2/NDF : 151.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.896+/-0.626 χ^2/NDF : 113.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

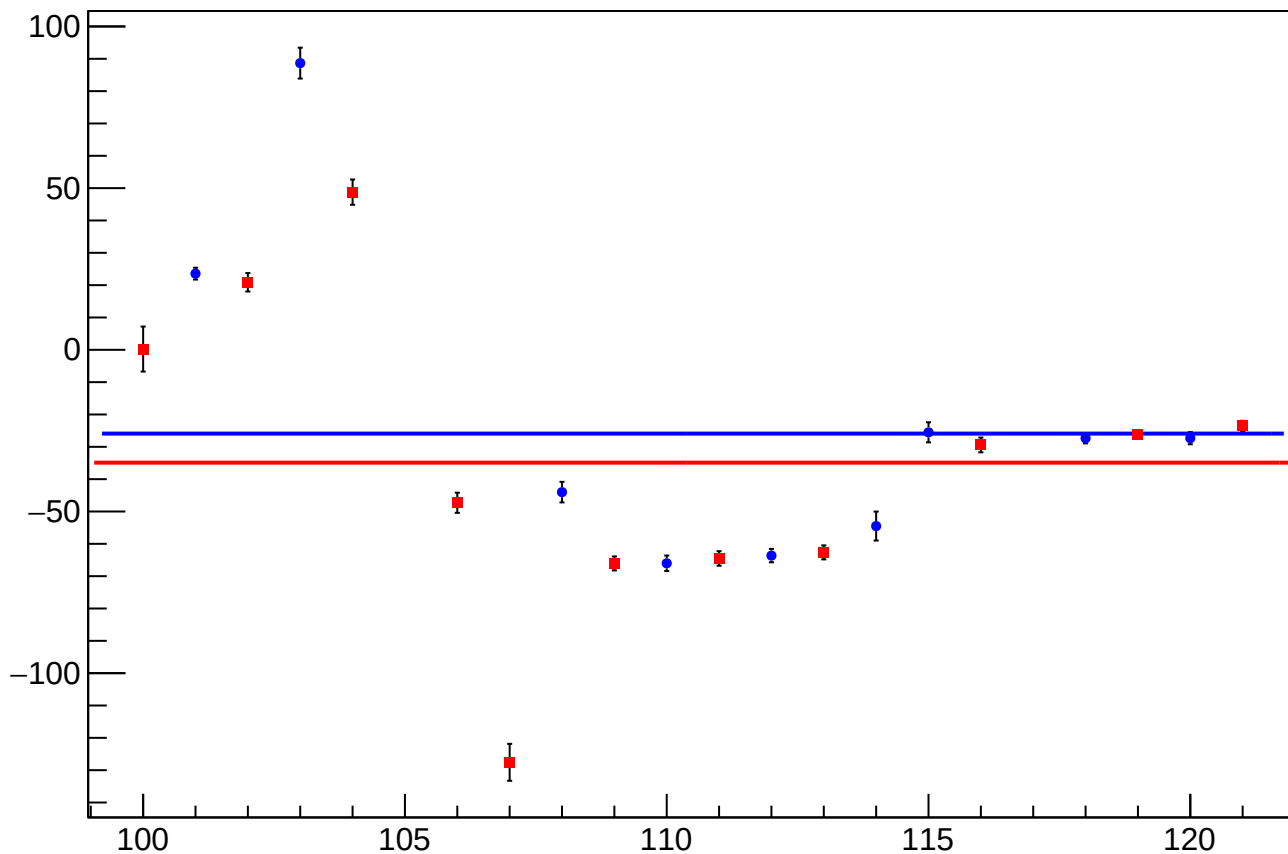
Right: -4.426+/-0.438 χ^2/NDF : 266.2/19

In: -3.978+/-0.612 χ^2/NDF :151.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.426+/-0.438 χ^2/NDF : 266.2/19

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.911+/-0.774 χ^2/NDF : 1992.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.890+/-0.705 χ^2/NDF : 1779.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

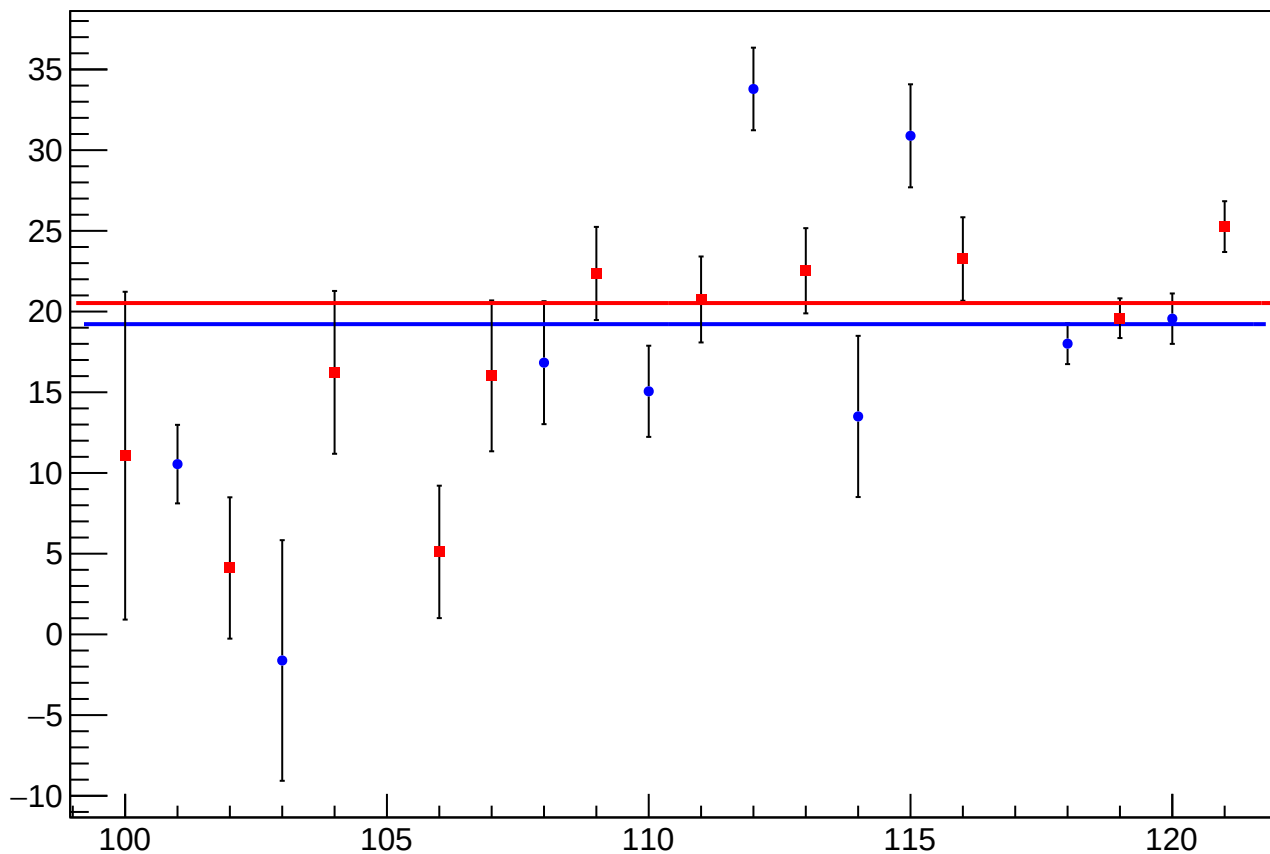
Right: -30.816+/-0.521 χ^2/NDF : 3845.7/19

In: -25.911+/-0.774 χ^2/NDF : 1992.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.816+/-0.521 χ^2/NDF : 3845.7/19

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.220+/-0.765 χ^2/NDF : 71.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.527+/-0.740 χ^2/NDF : 42.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

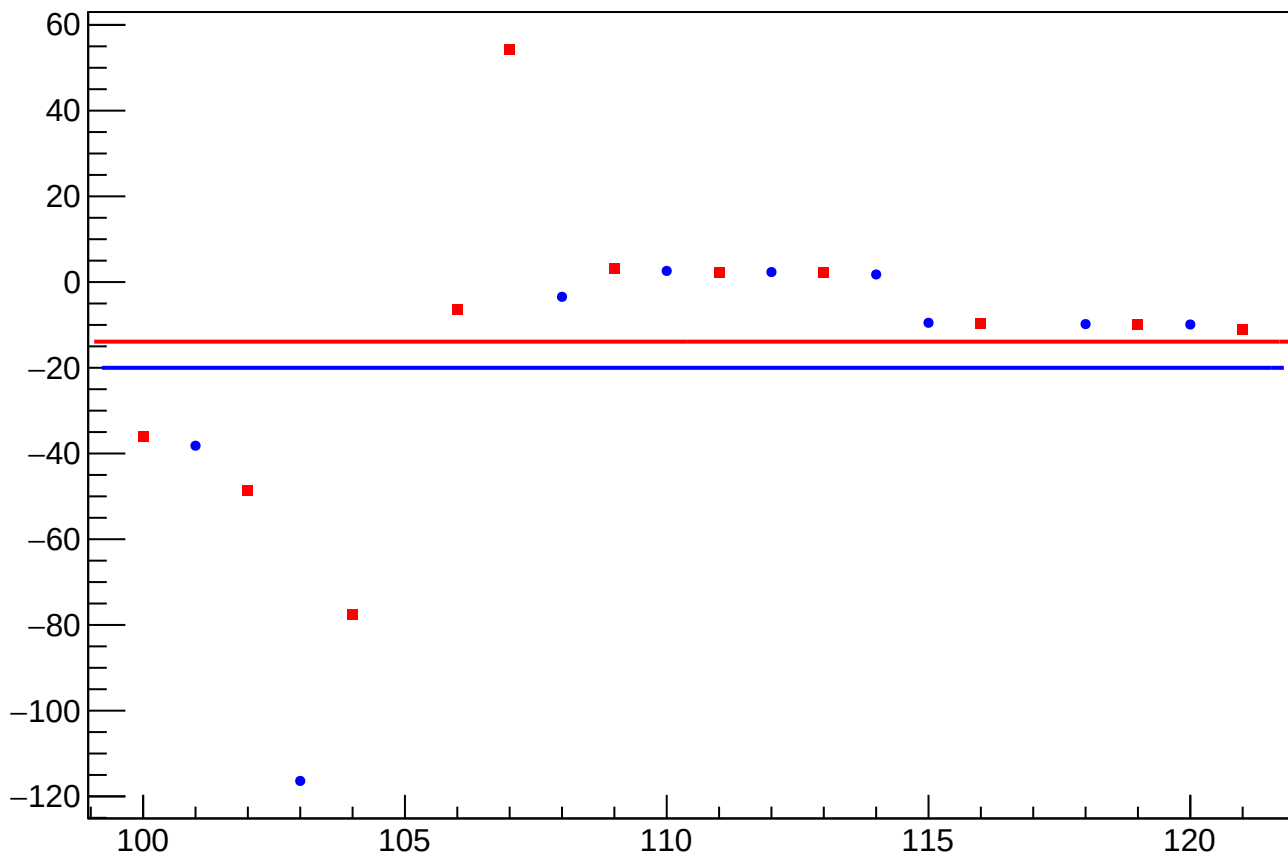
Right: 19.895+/-0.532 χ^2/NDF : 115.1/19

In: 19.220+/-0.765 χ^2/NDF : 71.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.895+/-0.532 χ^2/NDF : 115.1/19

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.006 $\pm$ 0.052 χ^2 /NDF: 319319.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.901 $\pm$ 0.048 χ^2 /NDF: 309786.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

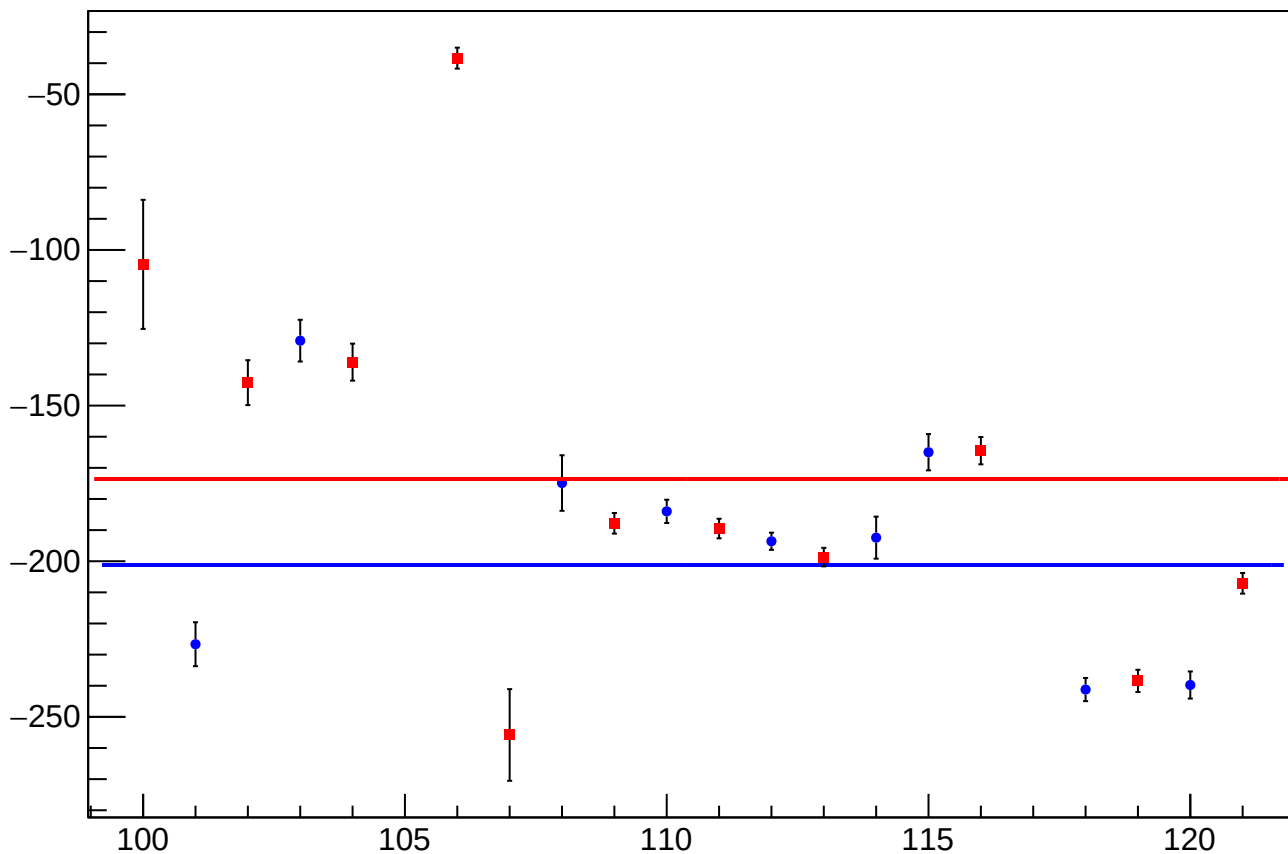
Right: -16.690 $\pm$ 0.035 χ^2 /NDF: 636522.2/19

In: -20.006 $\pm$ 0.052 χ^2 /NDF:319319.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.690 $\pm$ 0.035 χ^2 /NDF: 636522.2/19

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -201.209 ± 1.518 $\chi^2/\text{NDF}: 400.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -173.585 ± 1.222 $\chi^2/\text{NDF}: 2266.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

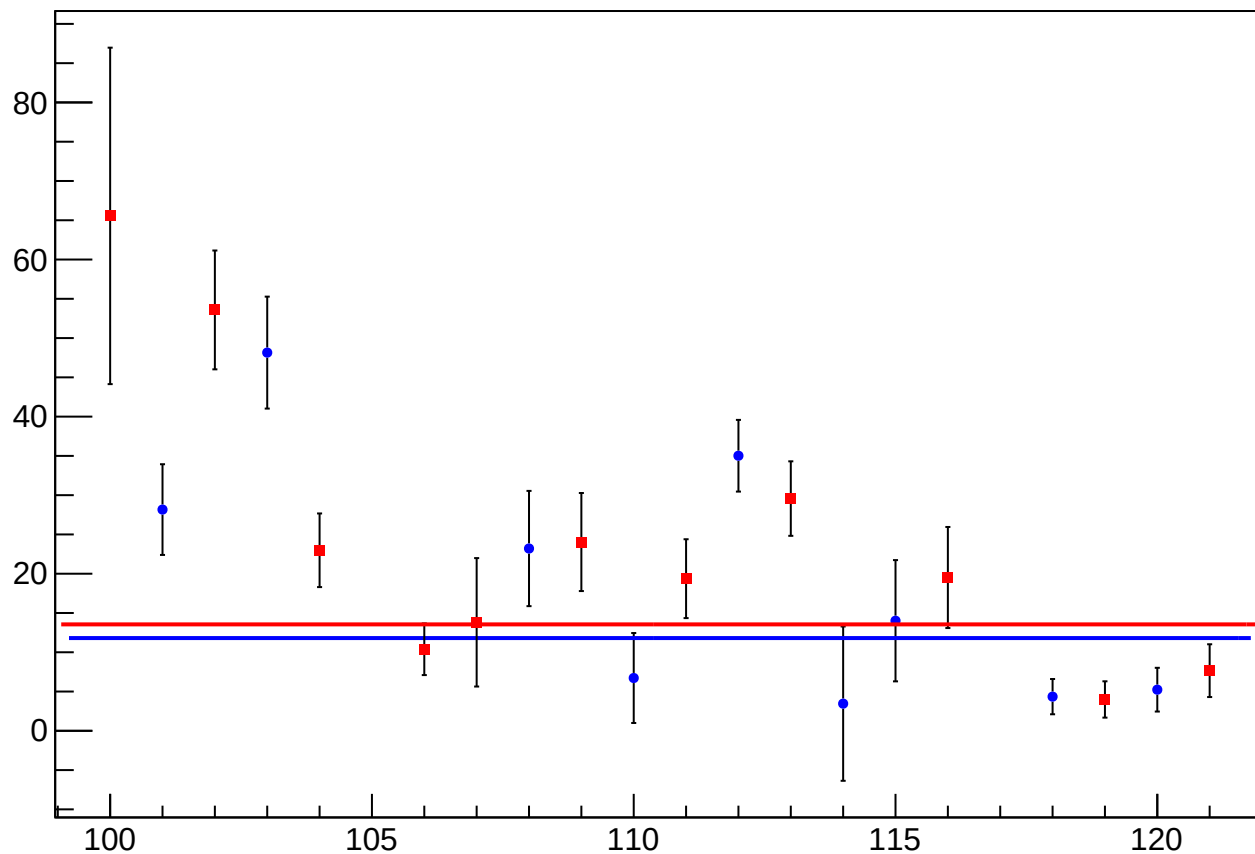
Right: -184.452 ± 0.952 $\chi^2/\text{NDF}: 2868.1/19$

In: -201.209 ± 1.518 $\chi^2/\text{NDF}: 400.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -184.452 ± 0.952 $\chi^2/\text{NDF}: 2868.1/19$

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.807+/-1.412 χ^2/NDF : 80.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.549+/-1.310 χ^2/NDF : 75.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

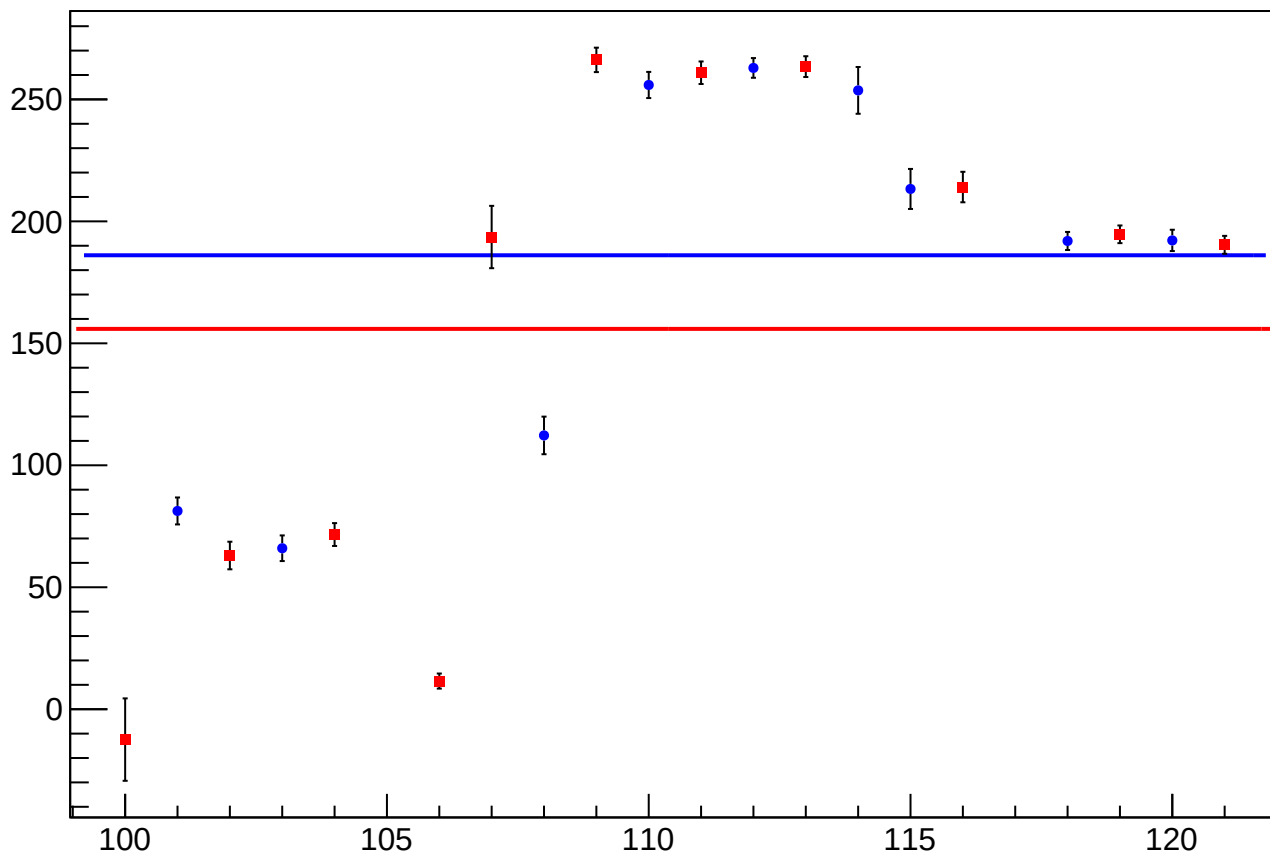
Right: 12.743+/-0.961 χ^2/NDF : 156.8/19

In: 11.807+/-1.412 χ^2/NDF : 80.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.743+/-0.961 χ^2/NDF : 156.8/19

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 186.099+/-1.734 χ^2/NDF : 1569.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.918+/-1.401 χ^2/NDF : 4816.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

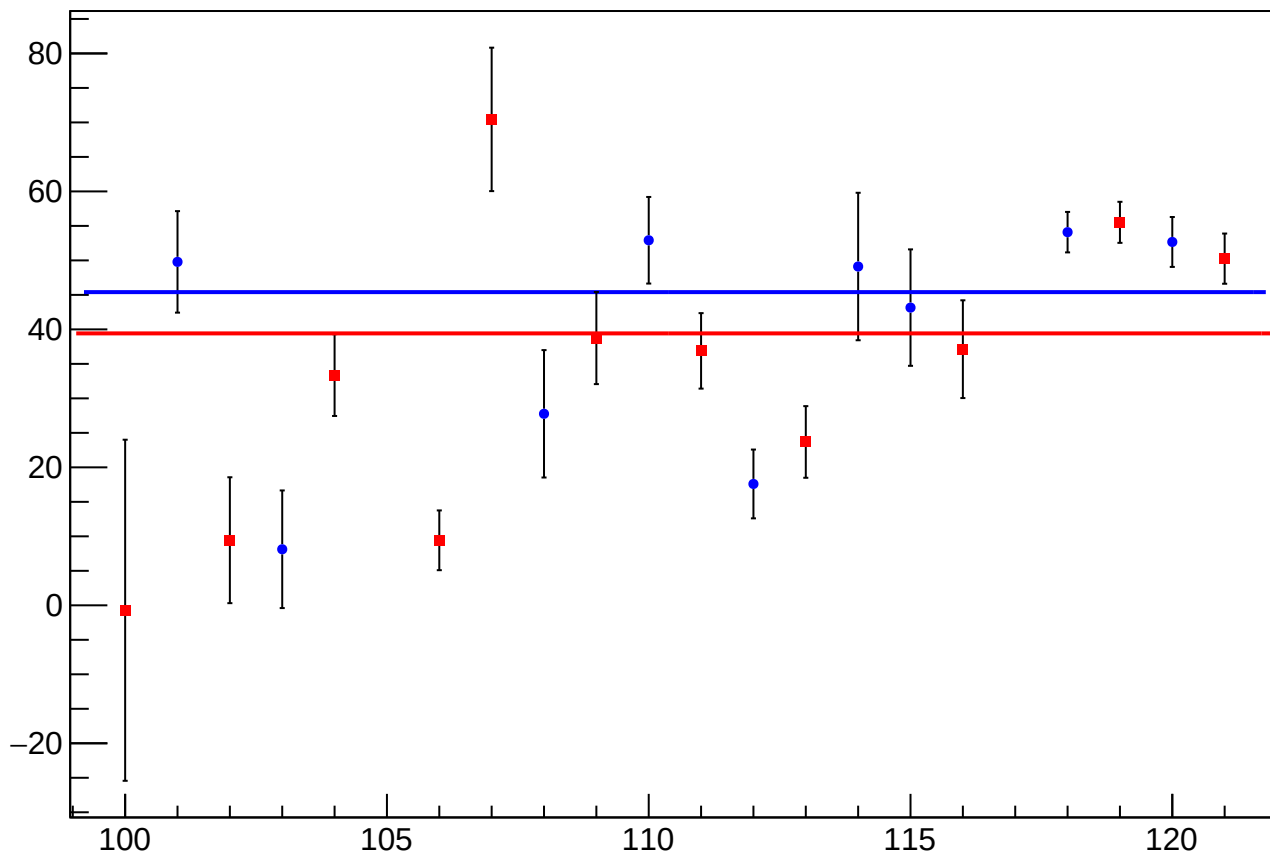
Right: 167.847+/-1.090 χ^2/NDF : 6569.2/19

In: 186.099+/-1.734 χ^2/NDF : 1569.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.847+/-1.090 χ^2/NDF : 6569.2/19

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.401 $\pm$ 1.754 χ^2 /NDF: 68.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.419 $\pm$ 1.569 χ^2 /NDF: 119.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

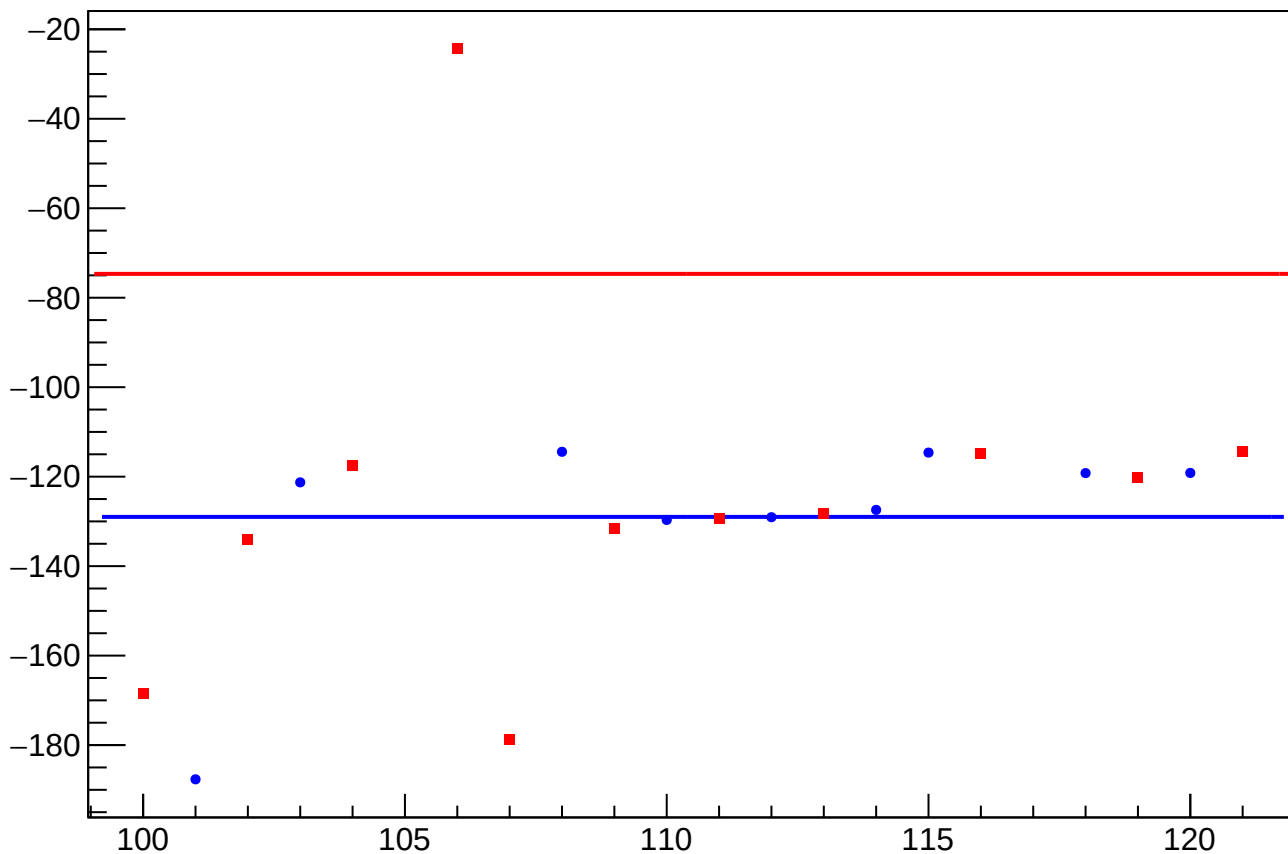
Right: 42.078 $\pm$ 1.170 χ^2 /NDF: 194.1/19

In: 45.401 $\pm$ 1.754 χ^2 /NDF:68.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.078 $\pm$ 1.170 χ^2 /NDF: 194.1/19

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.994+/-0.112 χ^2/NDF : 37436.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.672+/-0.073 χ^2/NDF : 514215.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

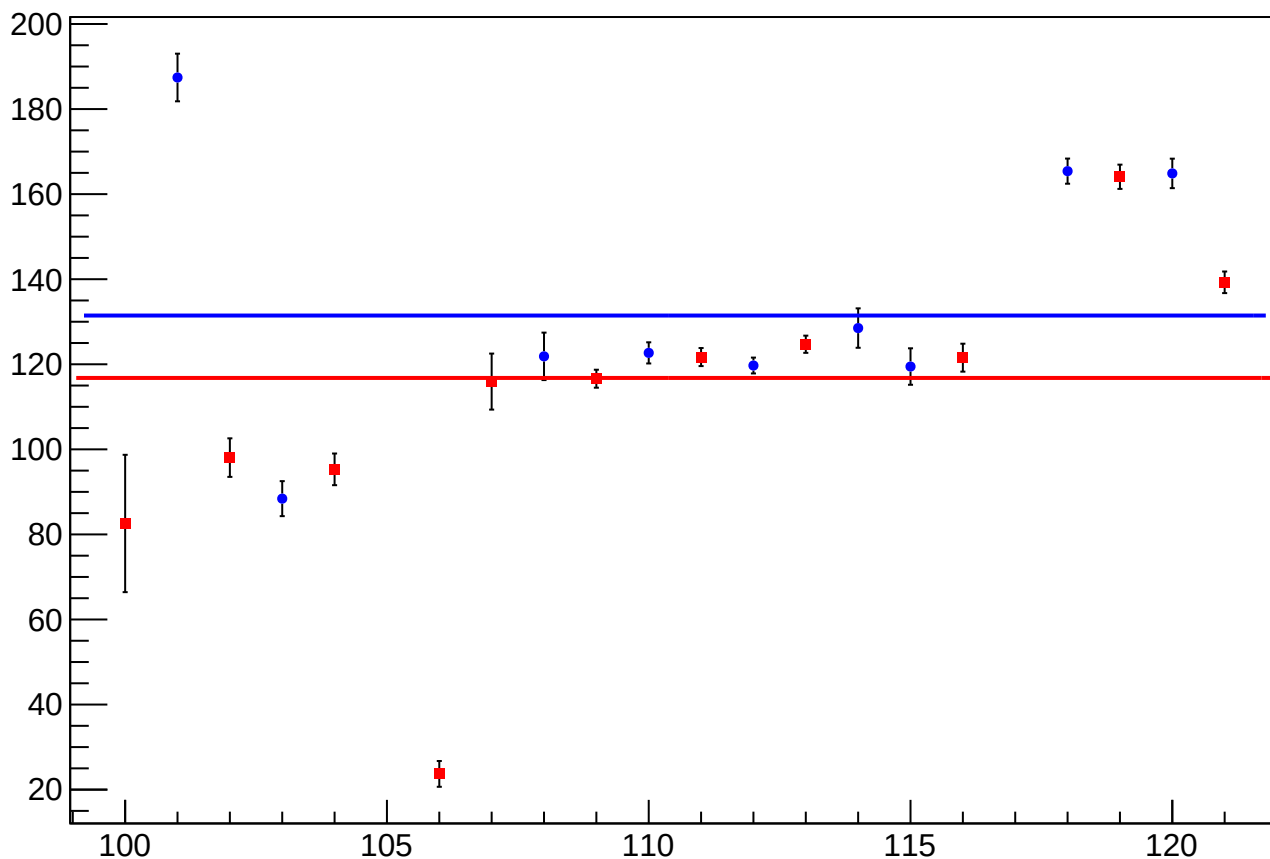
Right: -90.760+/-0.061 χ^2/NDF : 716738.7/19

In: -128.994+/-0.112 χ^2/NDF : 37436.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.760+/-0.061 χ^2/NDF : 716738.7/19

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 131.459+/-1.071 χ^2/NDF : 497.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 116.788+/-0.871 χ^2/NDF : 1373.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

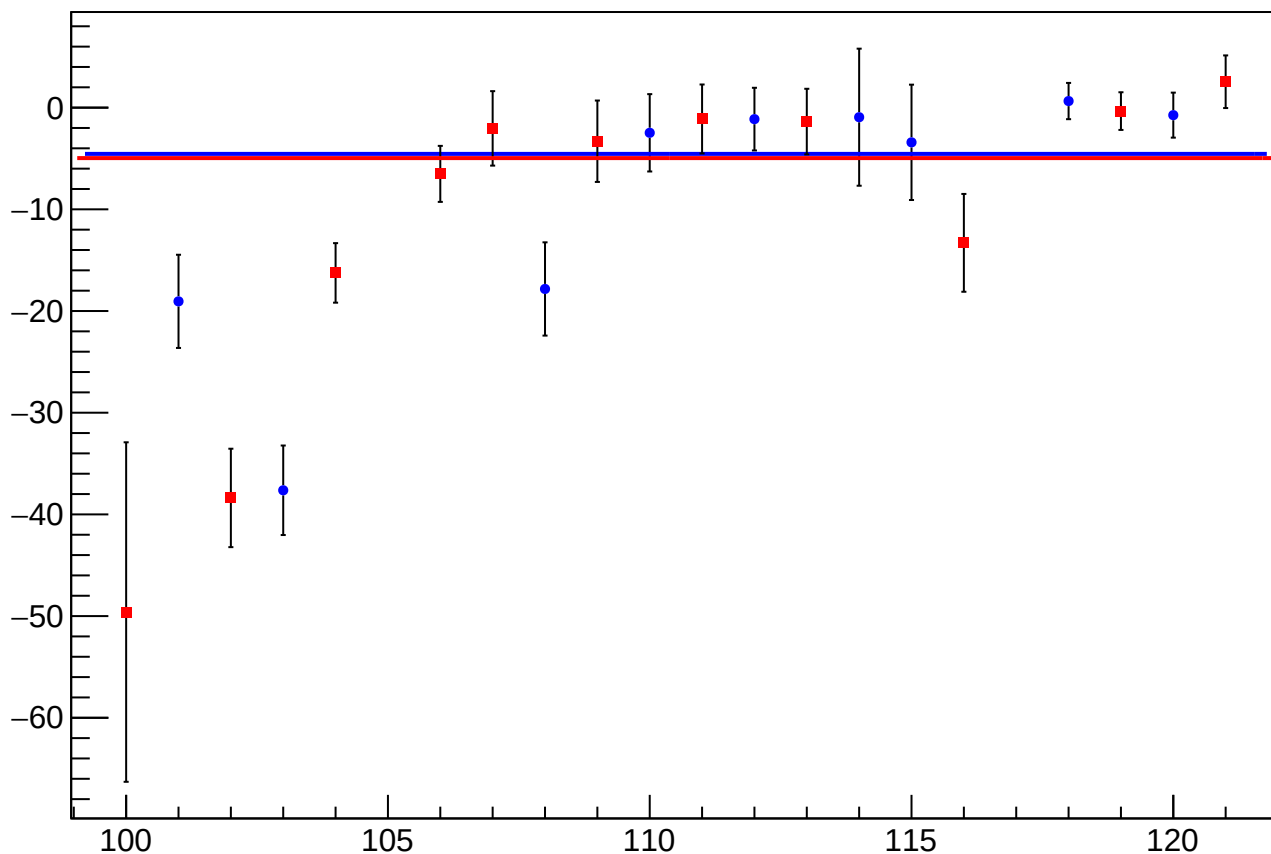
Right: 122.628+/-0.676 χ^2/NDF : 1984.2/19

In: 131.459+/-1.071 χ^2/NDF :497.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 122.628+/-0.676 χ^2/NDF : 1984.2/19

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.548 $\pm$ 1.058 χ^2 /NDF: 88.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.962 $\pm$ 0.954 χ^2 /NDF: 91.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

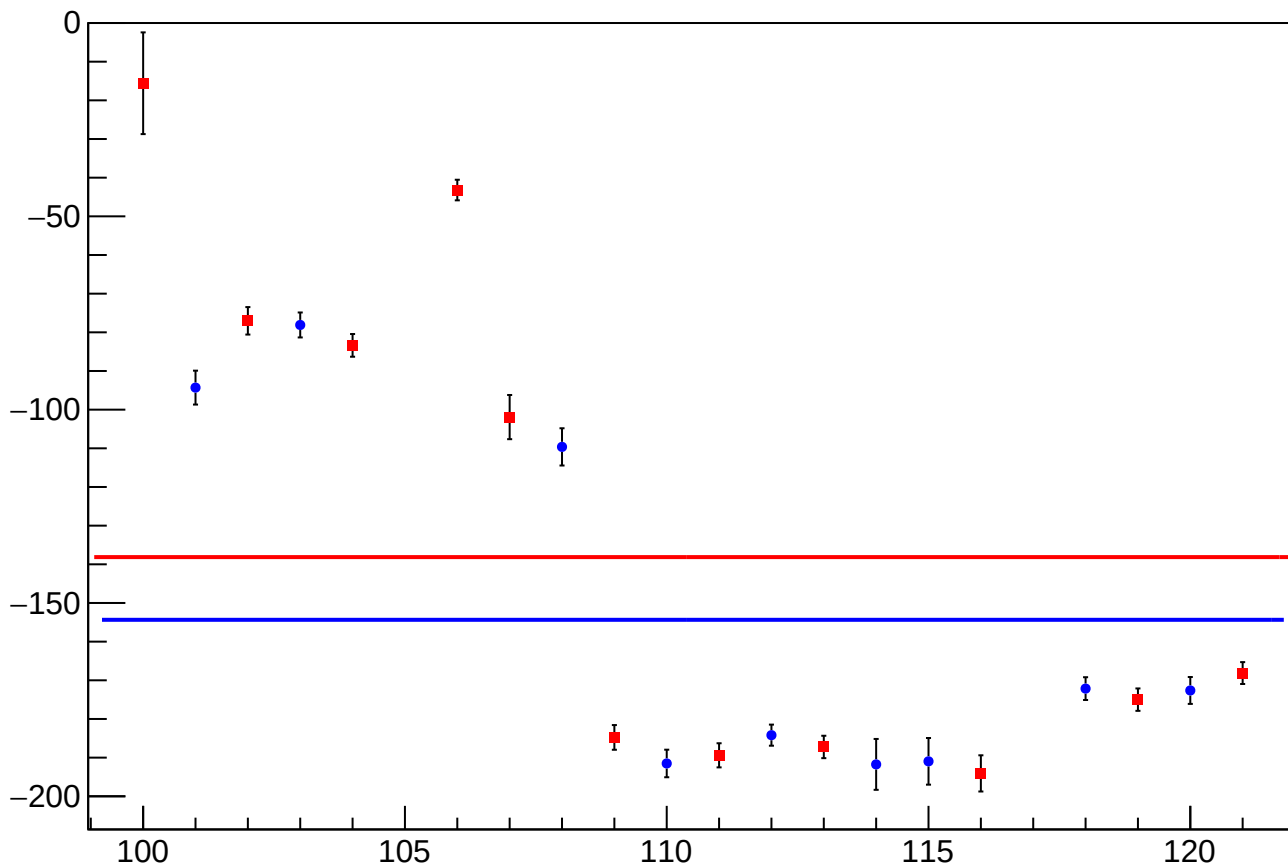
Right: -4.776 $\pm$ 0.709 χ^2 /NDF: 179.3/19

In: -4.548 $\pm$ 1.058 χ^2 /NDF:88.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.776 $\pm$ 0.709 χ^2 /NDF: 179.3/19

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -154.353+/-1.238 χ^2/NDF : 1193.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.135+/-1.009 χ^2/NDF : 3227.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

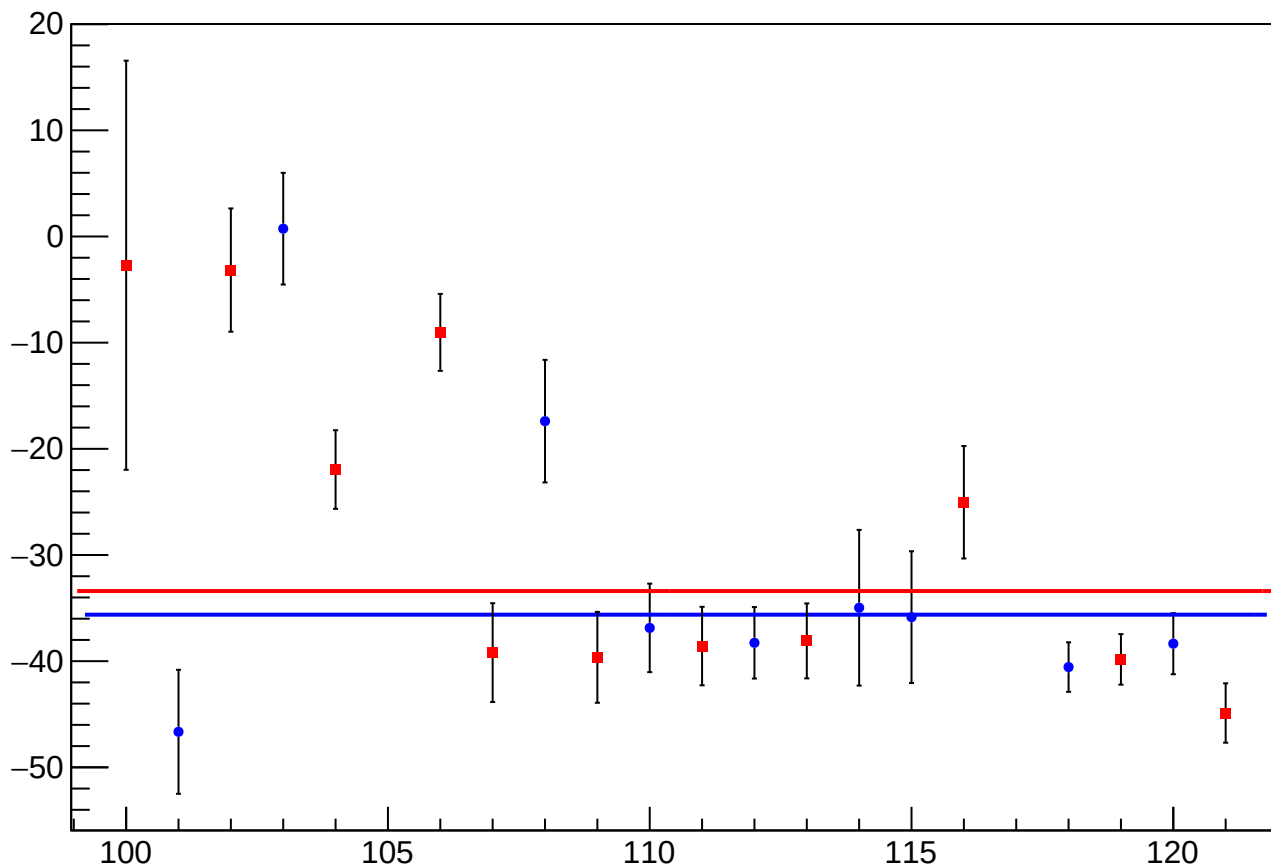
Right: -144.611+/-0.782 χ^2/NDF : 4524.3/19

In: -154.353+/-1.238 χ^2/NDF : 1193.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.611+/-0.782 χ^2/NDF : 4524.3/19

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.621+/-1.301 χ^2/NDF : 67.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.395+/-1.136 χ^2/NDF : 118.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

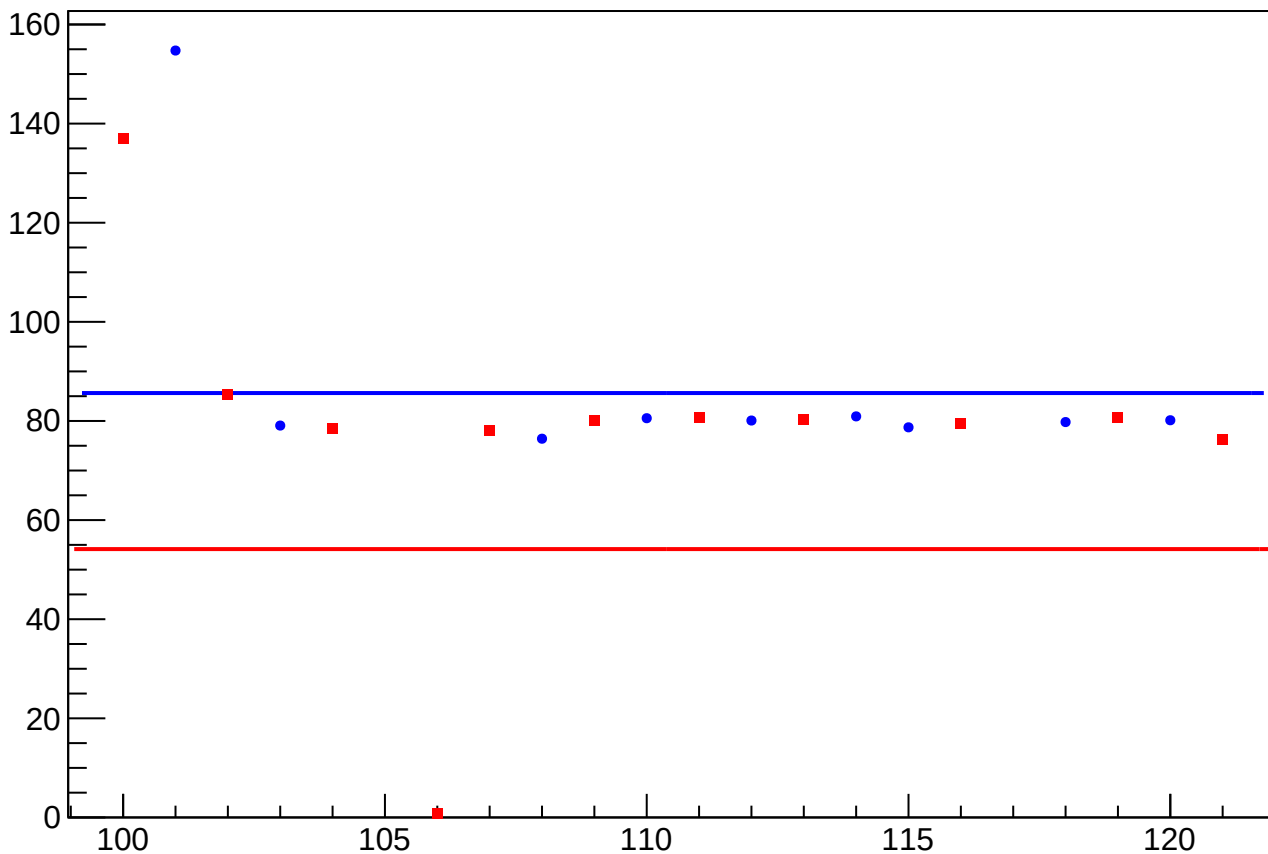
Right: -34.358+/-0.856 χ^2/NDF : 187.5/19

In: -35.621+/-1.301 χ^2/NDF : 67.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.358+/-0.856 χ^2/NDF : 187.5/19

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 85.634 $\pm$ 0.077 χ^2 /NDF: 76472.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.149 $\pm$ 0.056 χ^2 /NDF: 467856.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

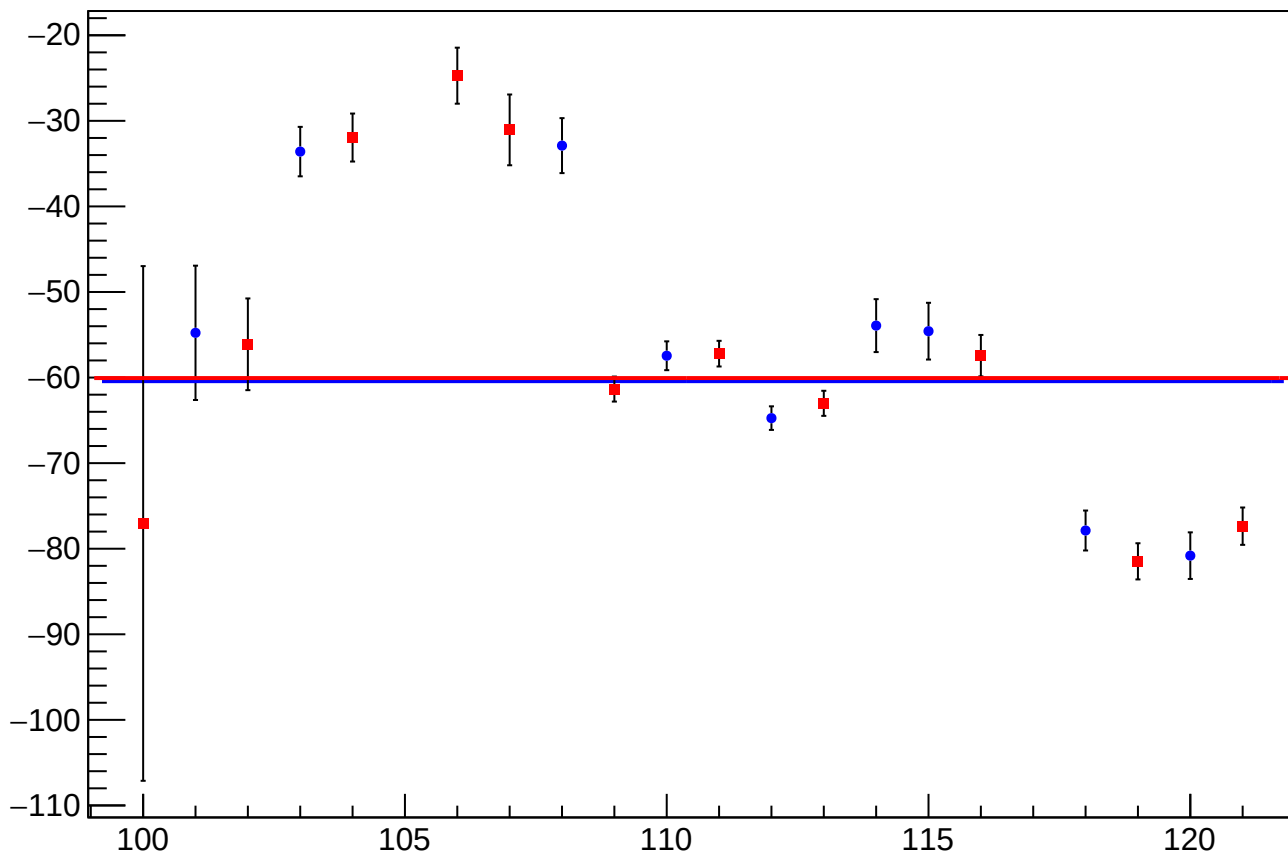
Right: 64.992 $\pm$ 0.045 χ^2 /NDF: 654048.2/19

In: 85.634 $\pm$ 0.077 χ^2 /NDF: 76472.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.992 $\pm$ 0.045 χ^2 /NDF: 654048.2/19

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.419 ± 0.784 χ^2/NDF : 292.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.059 ± 0.660 χ^2/NDF : 442.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

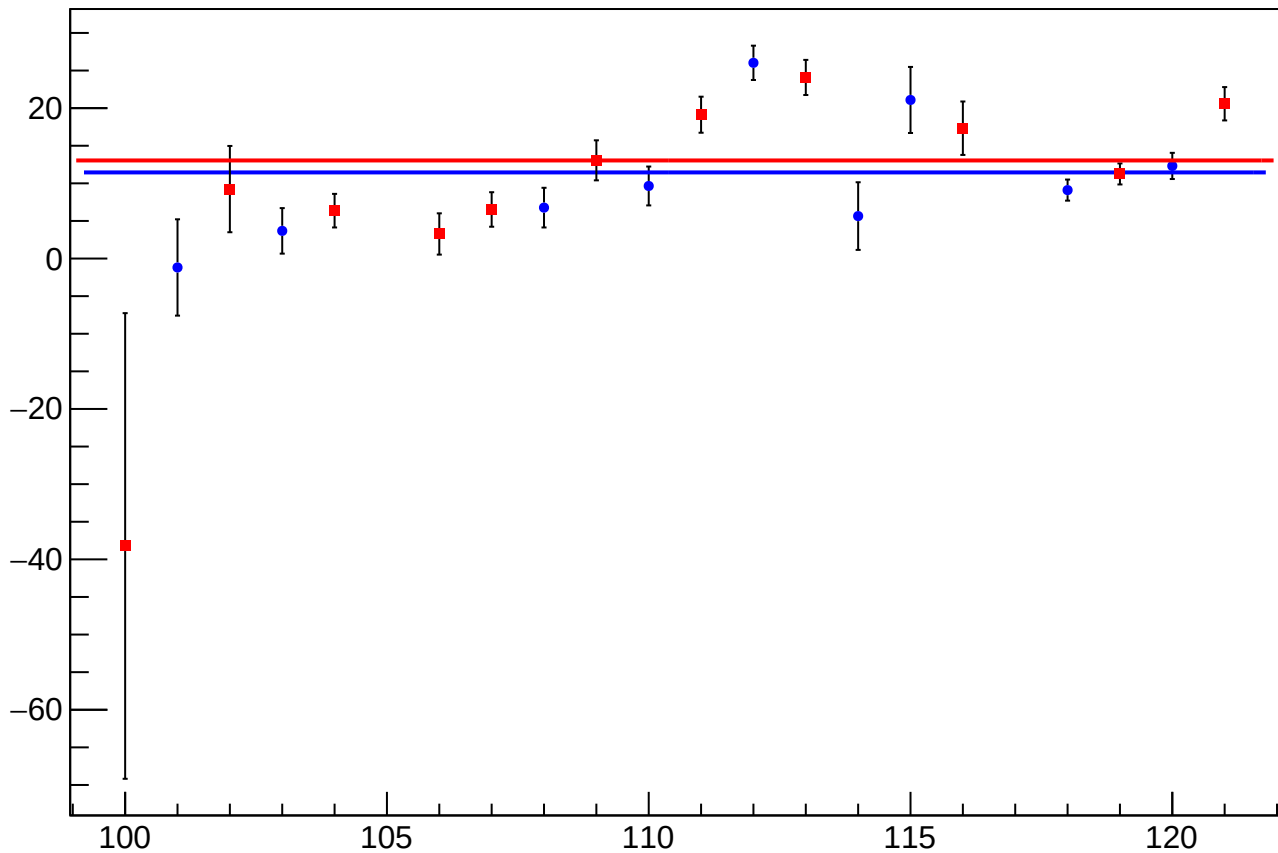
Right: -60.208 ± 0.505 χ^2/NDF : 734.9/19

In: -60.419 ± 0.784 χ^2/NDF : 292.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.208 ± 0.505 χ^2/NDF : 734.9/19

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.453+/-0.801 χ^2/NDF : 64.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.044+/-0.736 χ^2/NDF : 76.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

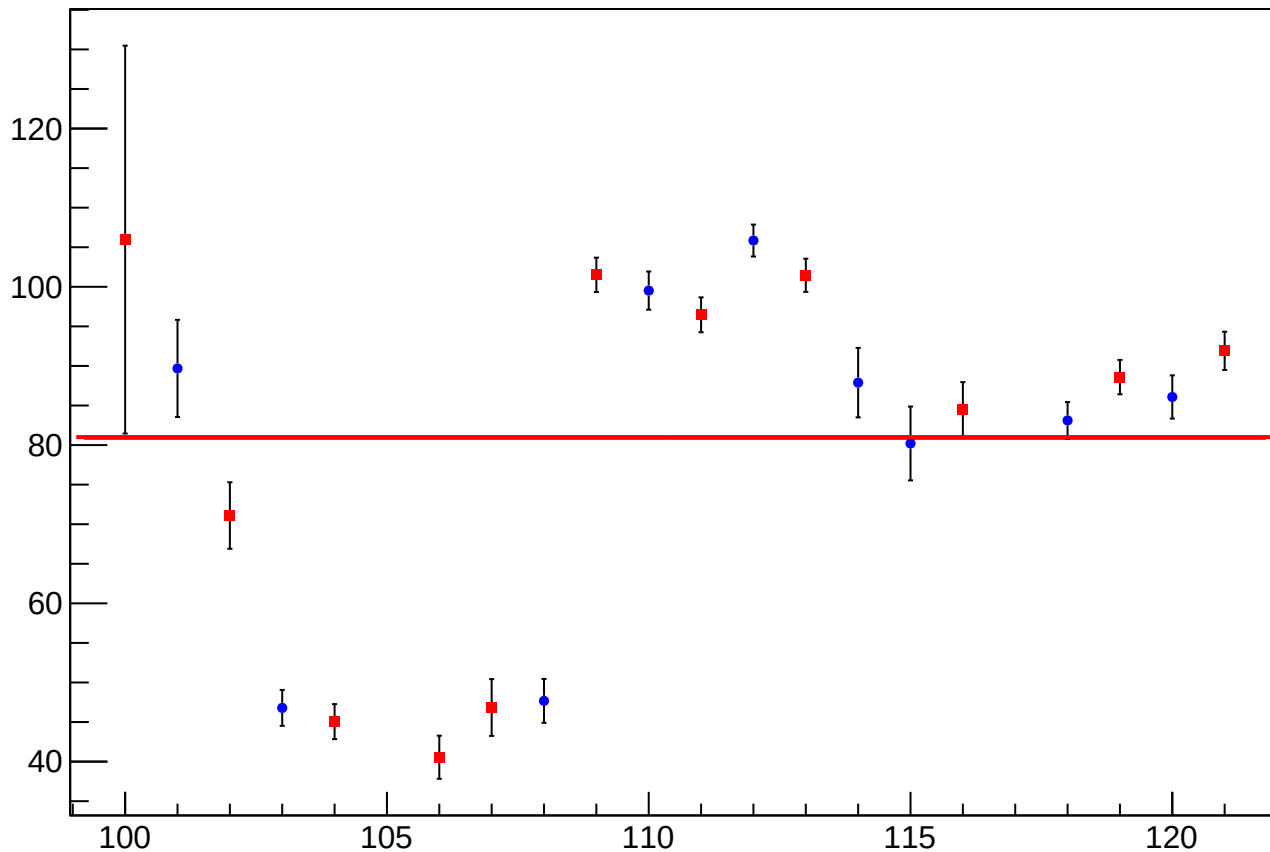
Right: 12.315+/-0.542 χ^2/NDF : 142.9/19

In: 11.453+/-0.801 χ^2/NDF : 64.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.315+/-0.542 χ^2/NDF : 142.9/19

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.938+/-0.919 χ^2/NDF : 591.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.007+/-0.793 χ^2/NDF : 849.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

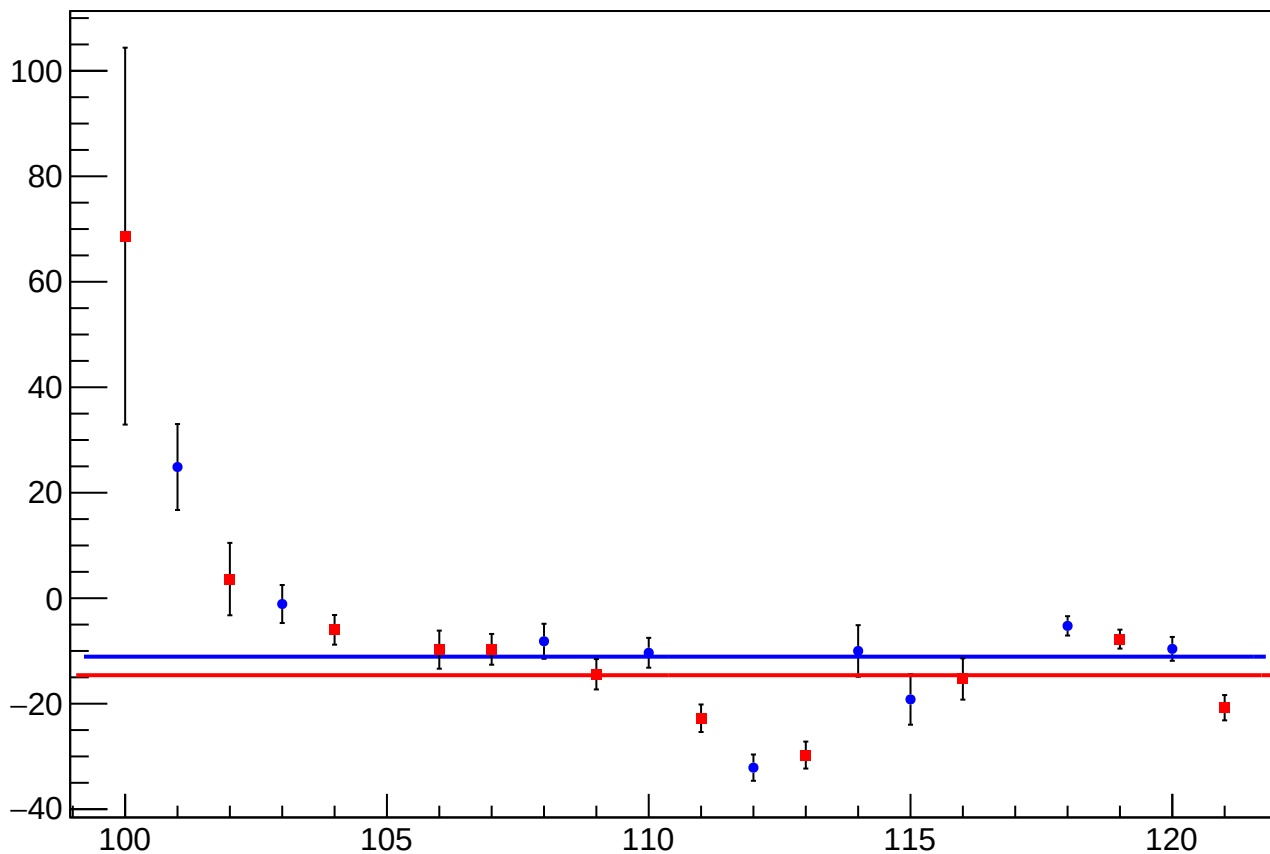
Right: 80.978+/-0.600 χ^2/NDF : 1440.3/19

In: 80.938+/-0.919 χ^2/NDF : 591.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.978+/-0.600 χ^2/NDF : 1440.3/19

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.082 ± 0.977 χ^2/NDF : 112.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.600 ± 0.873 χ^2/NDF : 92.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

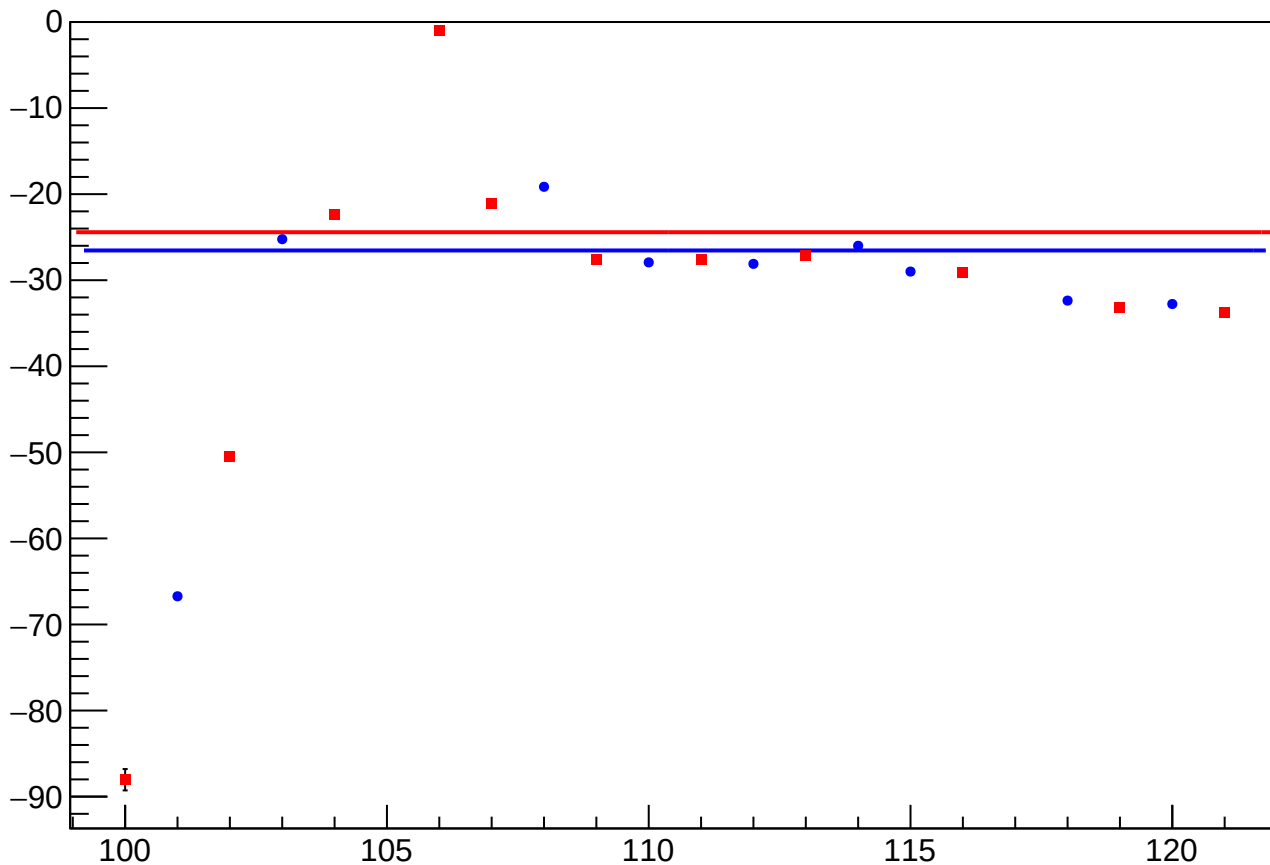
Right: -13.039 ± 0.651 χ^2/NDF : 212.5/19

In: -11.082 ± 0.977 χ^2/NDF : 112.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.039 ± 0.651 χ^2/NDF : 212.5/19

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -26.544+/-0.055 χ^2/NDF : 18759.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.424+/-0.049 χ^2/NDF : 65123.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

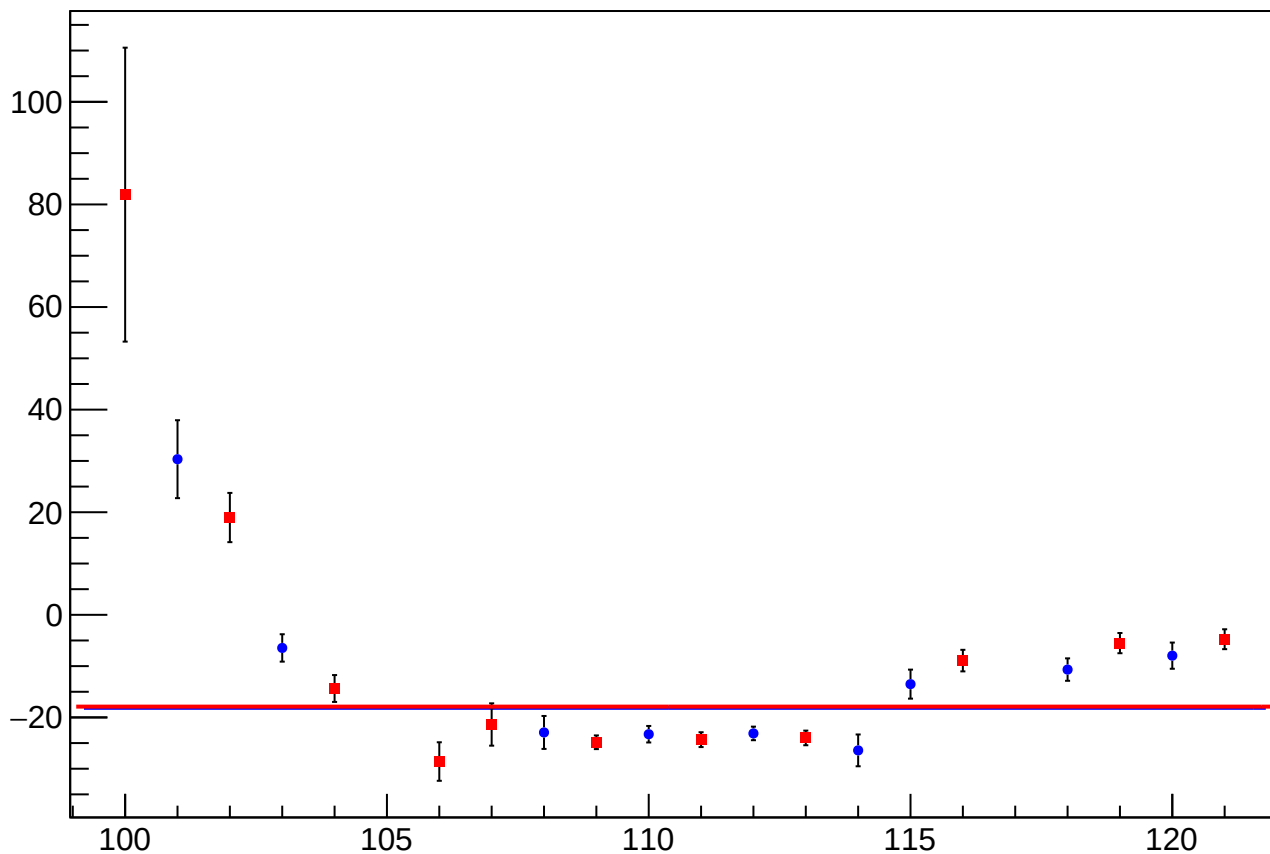
Right: -25.356+/-0.036 χ^2/NDF : 84716.6/19

In: -26.544+/-0.055 χ^2/NDF : 18759.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.356+/-0.036 χ^2/NDF : 84716.6/19

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.126+/-0.745 χ^2/NDF : 123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.894+/-0.620 χ^2/NDF : 250.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

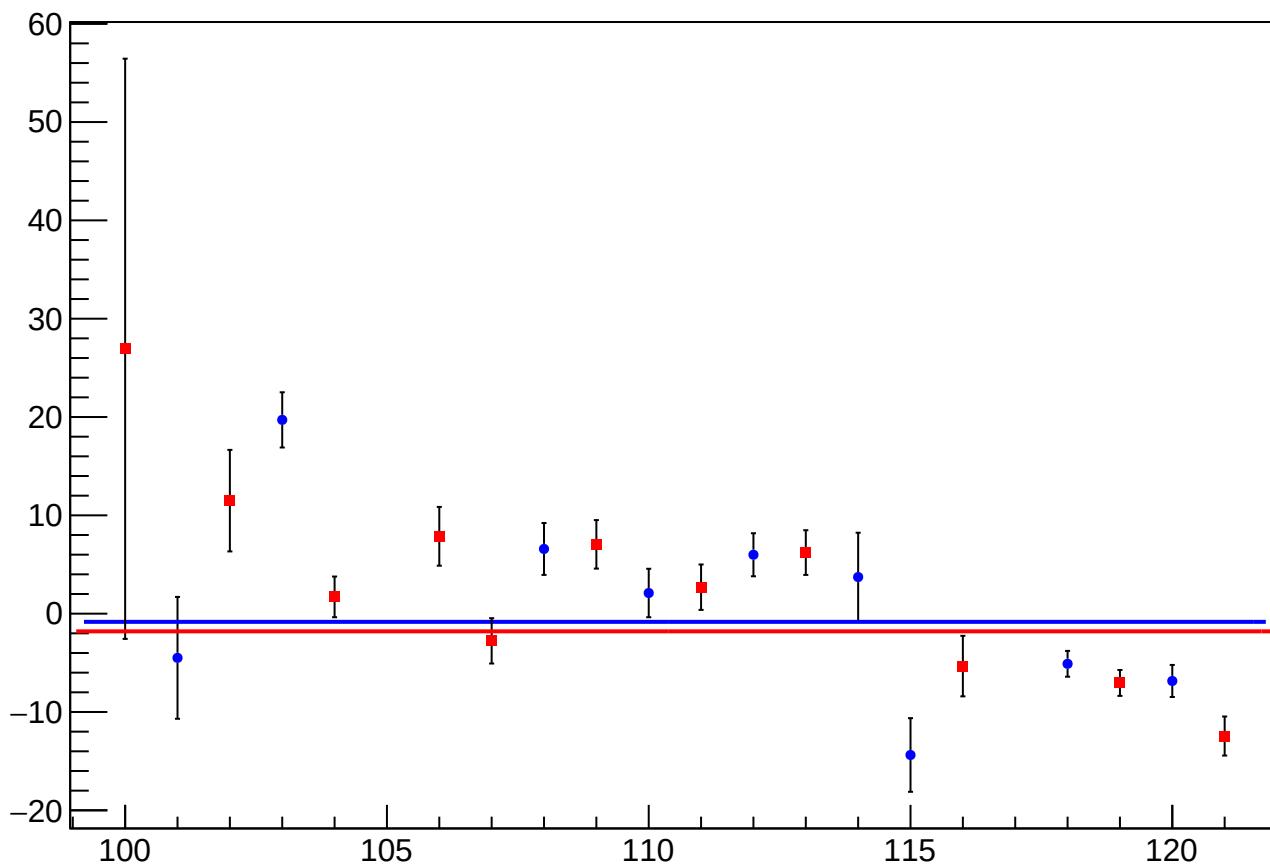
Right: -17.989+/-0.476 χ^2/NDF : 374.6/19

In: -18.126+/-0.745 χ^2/NDF : 123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.989+/-0.476 χ^2/NDF : 374.6/19

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.832 ± 0.757 $\chi^2/\text{NDF}: 111.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.798 ± 0.698 $\chi^2/\text{NDF}: 96.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

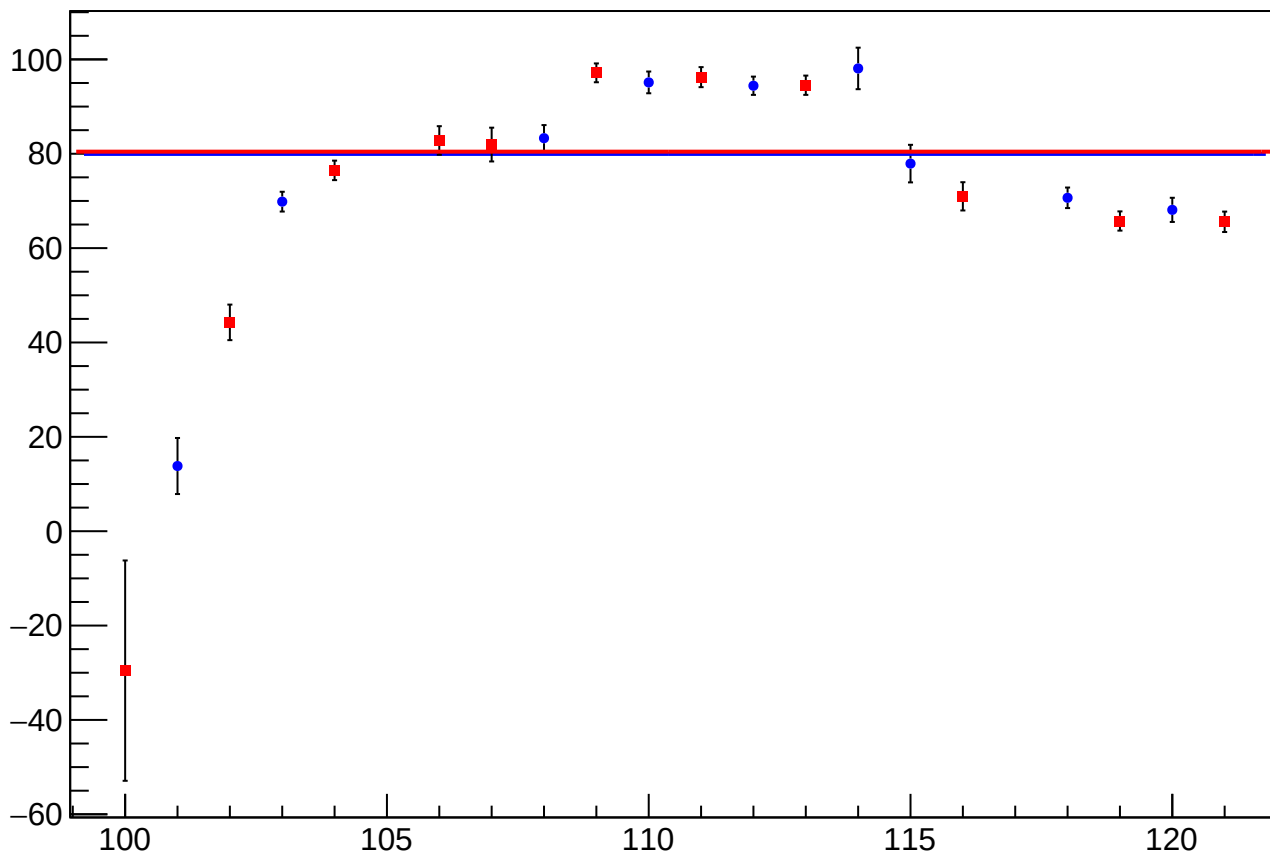
Right: -1.354 ± 0.513 $\chi^2/\text{NDF}: 208.1/19$

In: -0.832 ± 0.757 $\chi^2/\text{NDF}: 111.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.354 ± 0.513 $\chi^2/\text{NDF}: 208.1/19$

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 79.967 $\pm$ 0.871 χ^2 /NDF: 304.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.444 $\pm$ 0.751 χ^2 /NDF: 401.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

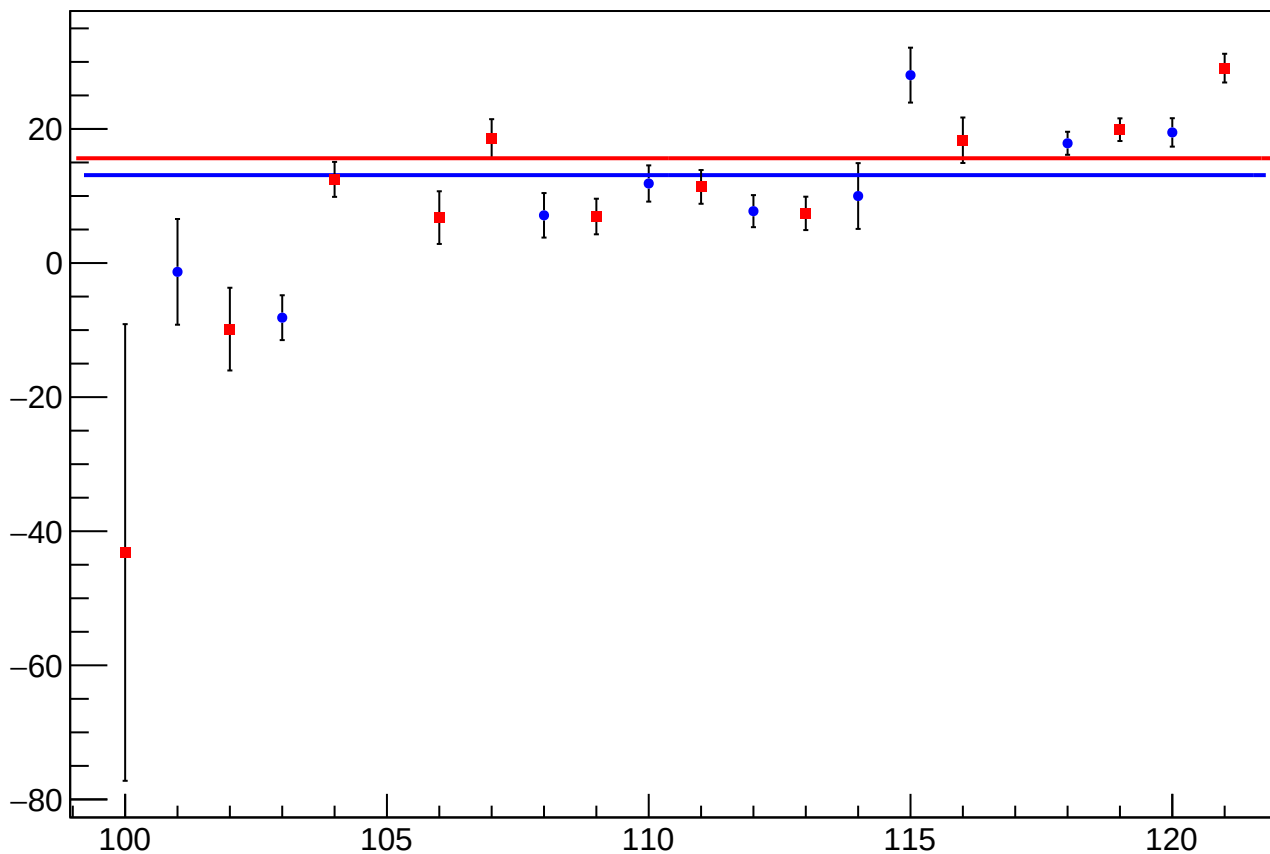
Right: 80.241 $\pm$ 0.569 χ^2 /NDF: 705.8/19

In: 79.967 $\pm$ 0.871 χ^2 /NDF:304.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.241 $\pm$ 0.569 χ^2 /NDF: 705.8/19

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.112+/-0.924 χ^2/NDF : 82.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.630+/-0.824 χ^2/NDF : 98.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

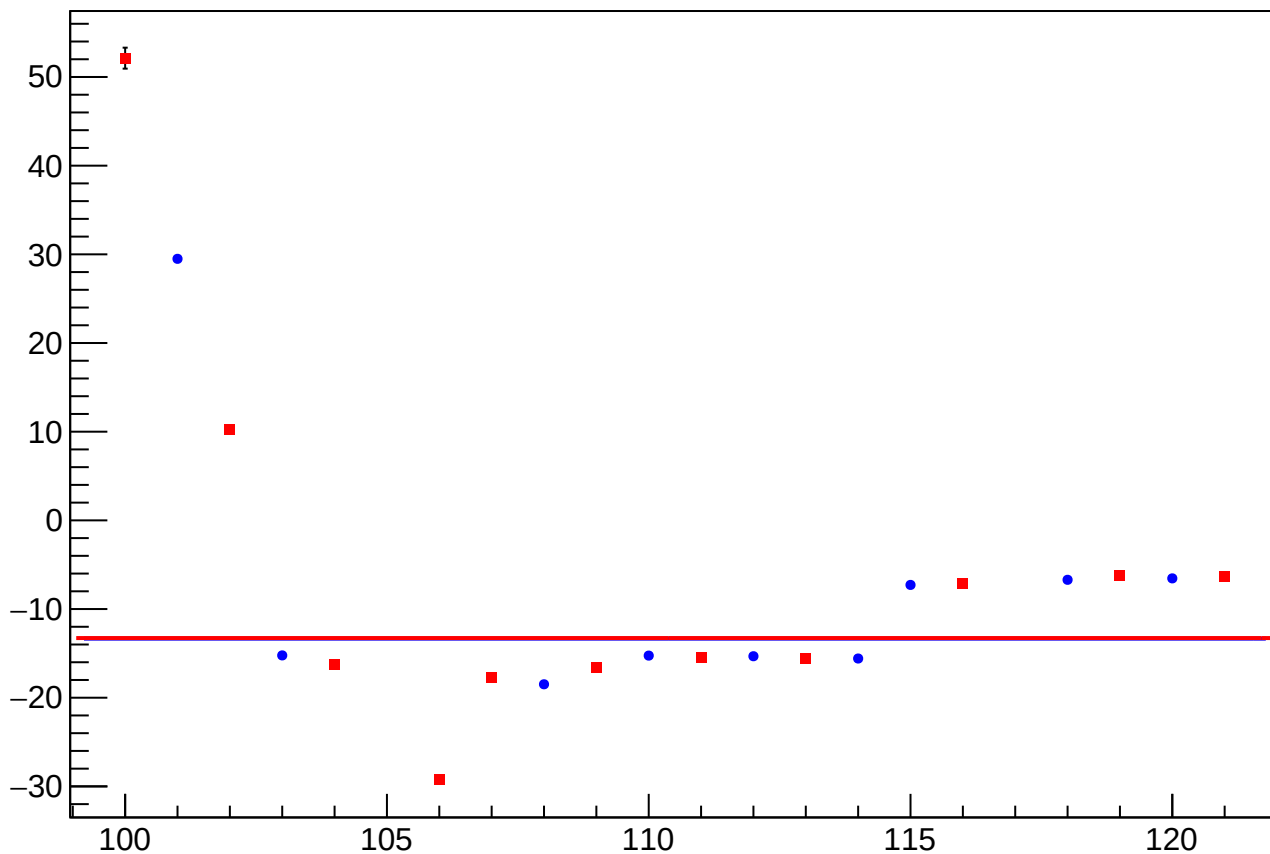
Right: 14.514+/-0.615 χ^2/NDF : 185.2/19

In: 13.112+/-0.924 χ^2/NDF : 82.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.514+/-0.615 χ^2/NDF : 185.2/19

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.337+/-0.052 χ^2/NDF : 20741.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.273+/-0.047 χ^2/NDF : 42890.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

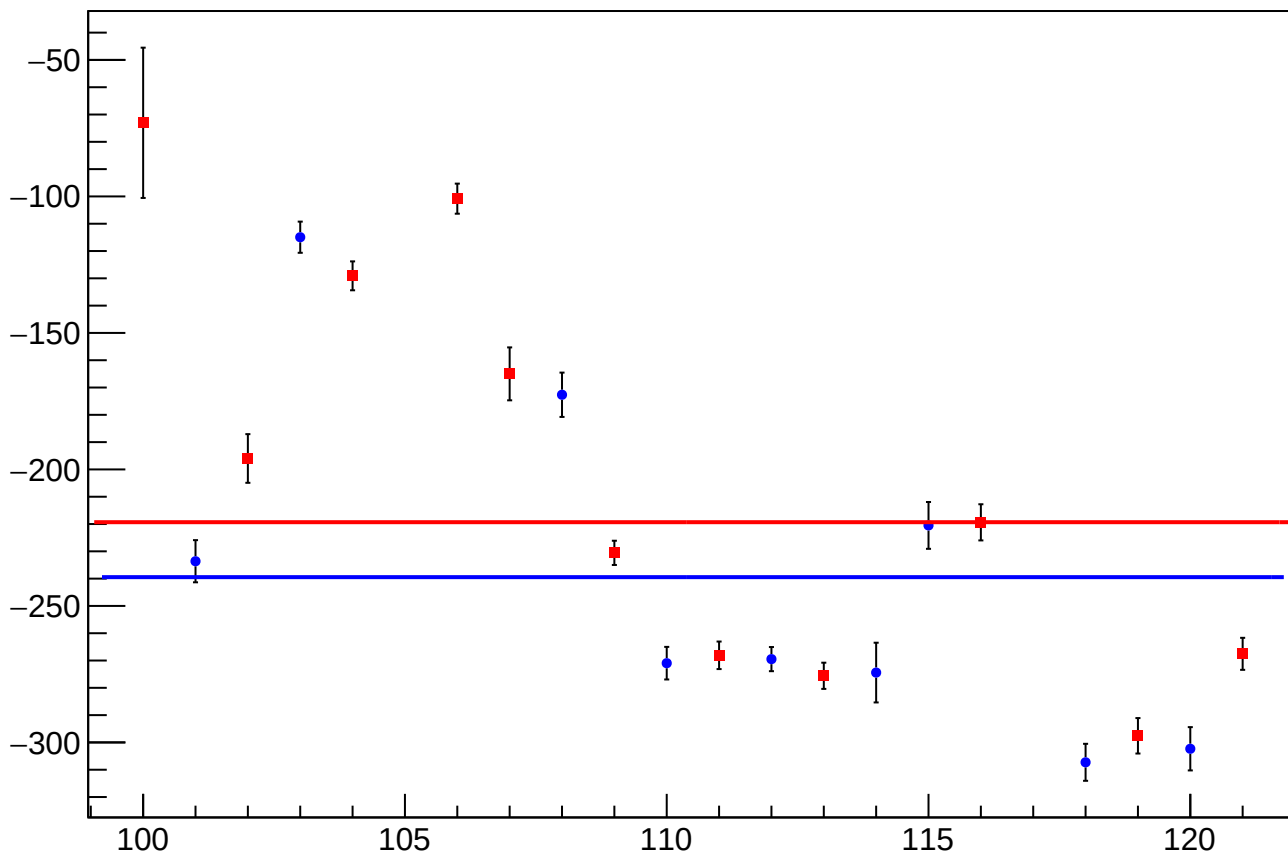
Right: -13.302+/-0.035 χ^2/NDF : 63633.0/19

In: -13.337+/-0.052 χ^2/NDF : 20741.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.302+/-0.035 χ^2/NDF : 63633.0/19

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -239.457+/-2.228 χ^2/NDF : 796.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.328+/-1.819 χ^2/NDF : 1270.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

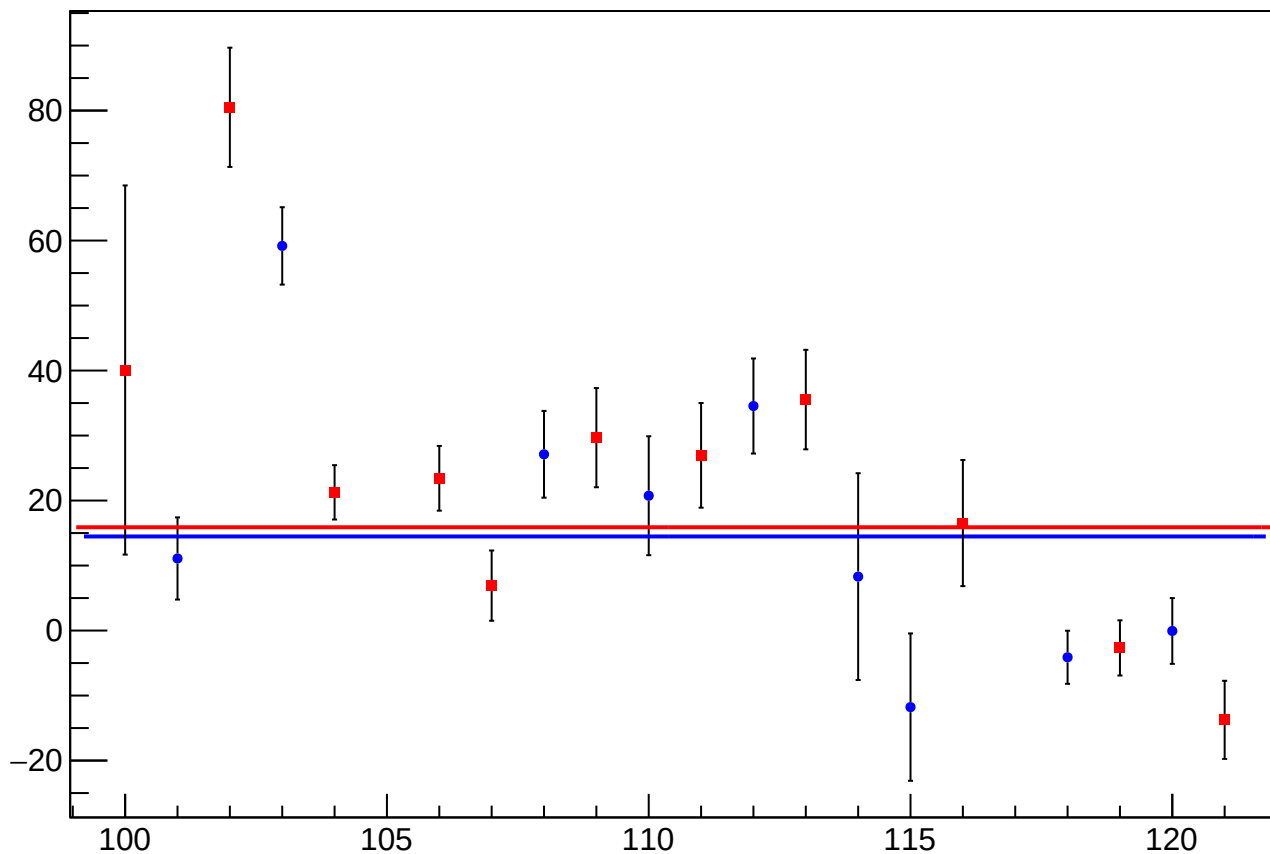
Right: -227.379+/-1.409 χ^2/NDF : 2115.2/19

In: -239.457+/-2.228 χ^2/NDF : 796.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.379+/-1.409 χ^2/NDF : 2115.2/19

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.475+/-2.146 χ^2/NDF : 102.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.892+/-1.862 χ^2/NDF : 112.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

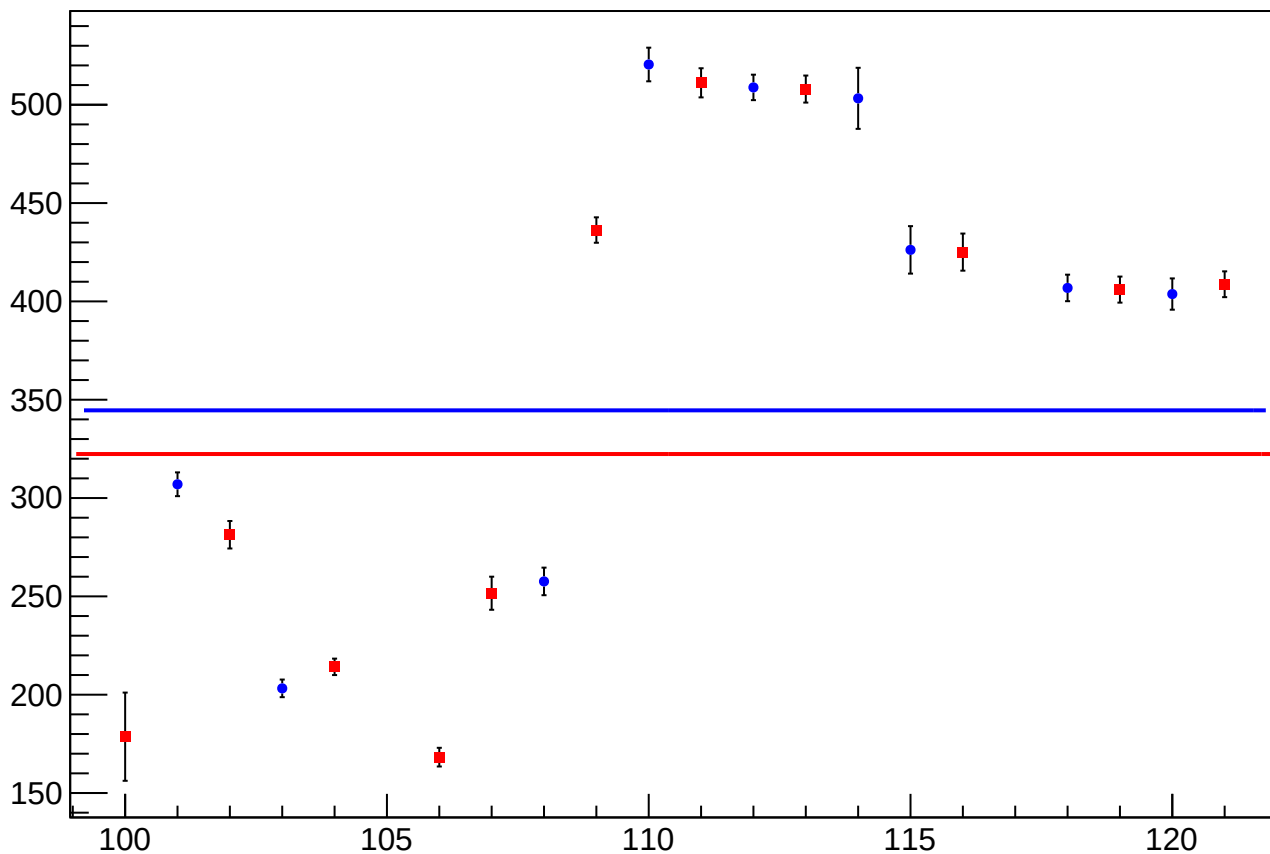
Right: 15.283+/-1.407 χ^2/NDF : 215.2/19

In: 14.475+/-2.146 χ^2/NDF : 102.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.283+/-1.407 χ^2/NDF : 215.2/19

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 344.594+/-2.332 χ^2/NDF : 2544.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.384+/-1.966 χ^2/NDF : 4008.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

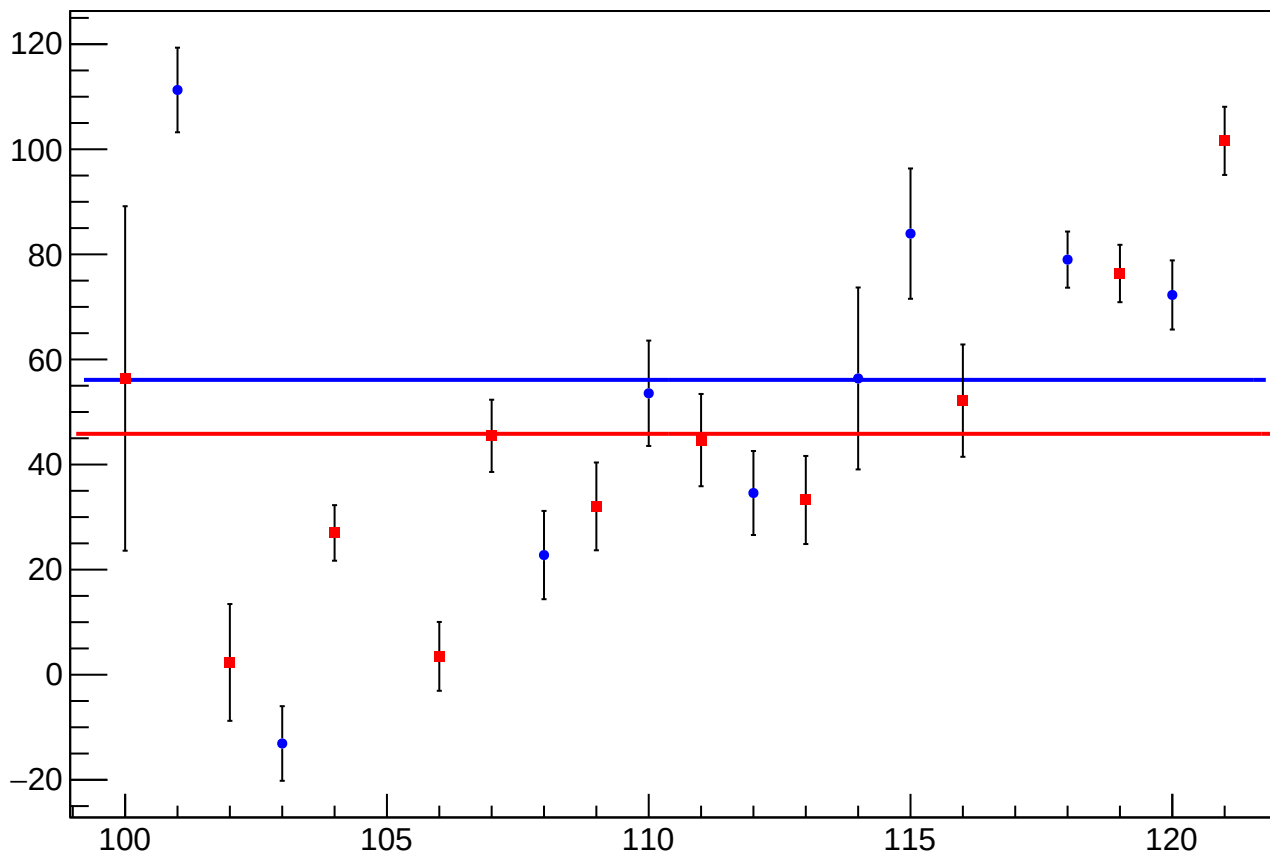
Right: 331.611+/-1.503 χ^2/NDF : 6605.9/19

In: 344.594+/-2.332 χ^2/NDF : 2544.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.611+/-1.503 χ^2/NDF : 6605.9/19

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.114+/-2.645 χ^2/NDF : 194.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.847+/-2.254 χ^2/NDF : 180.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

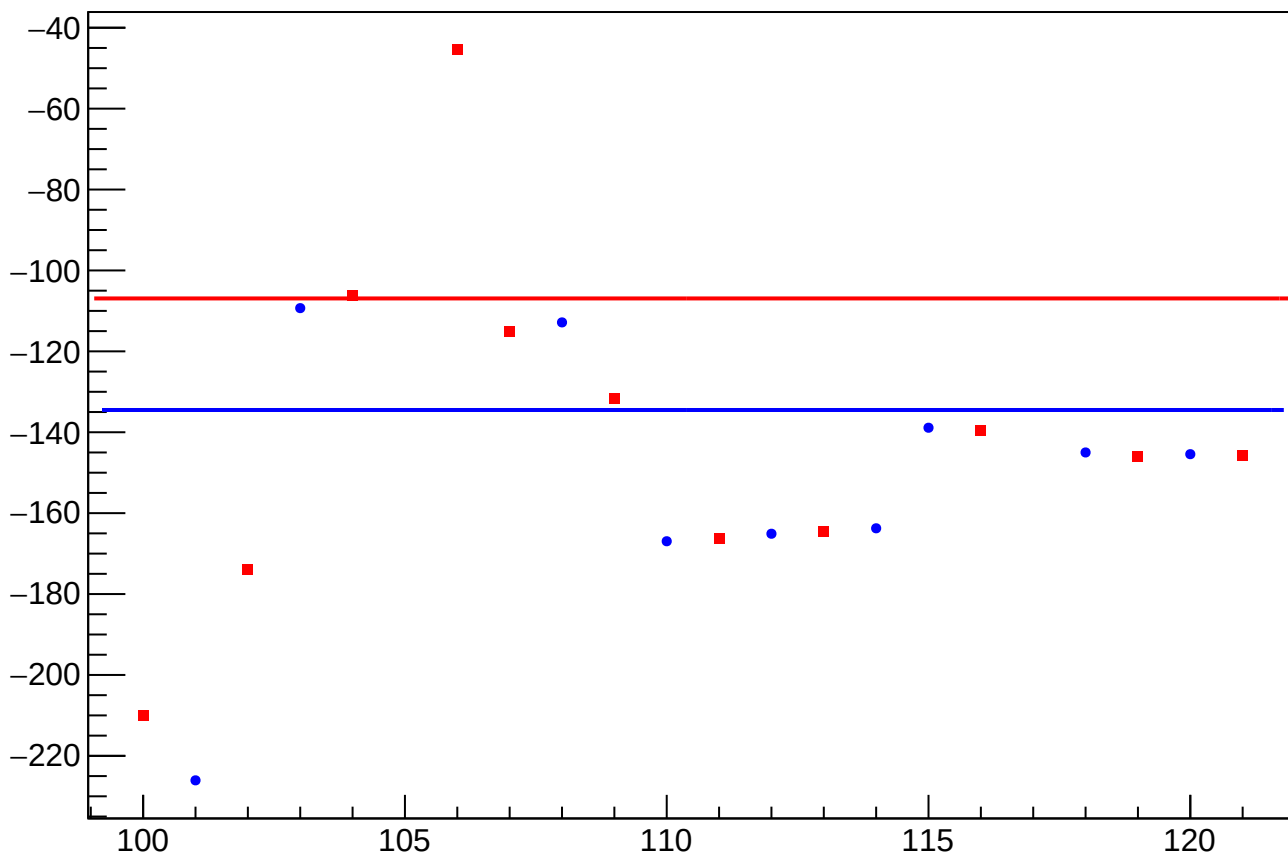
Right: 50.167+/-1.715 χ^2/NDF : 383.6/19

In: 56.114+/-2.645 χ^2/NDF : 194.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.167+/-1.715 χ^2/NDF : 383.6/19

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.499+/-0.127 χ^2/NDF : 95196.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.921+/-0.103 χ^2/NDF : 202120.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

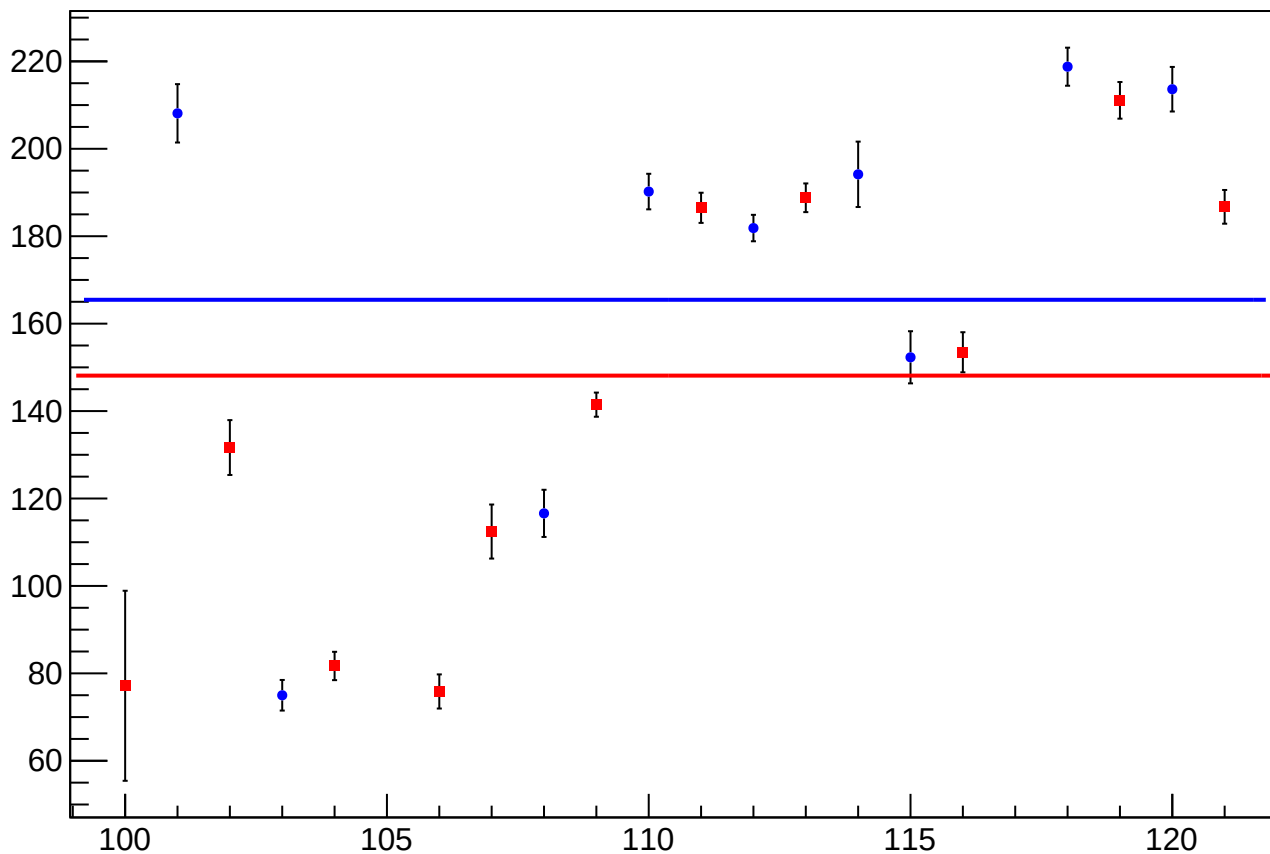
Right: -117.913+/-0.080 χ^2/NDF : 325736.5/19

In: -134.499+/-0.127 χ^2/NDF : 95196.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.913+/-0.080 χ^2/NDF : 325736.5/19

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 165.459+/-1.499 χ^2/NDF : 1115.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.112+/-1.200 χ^2/NDF : 1424.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

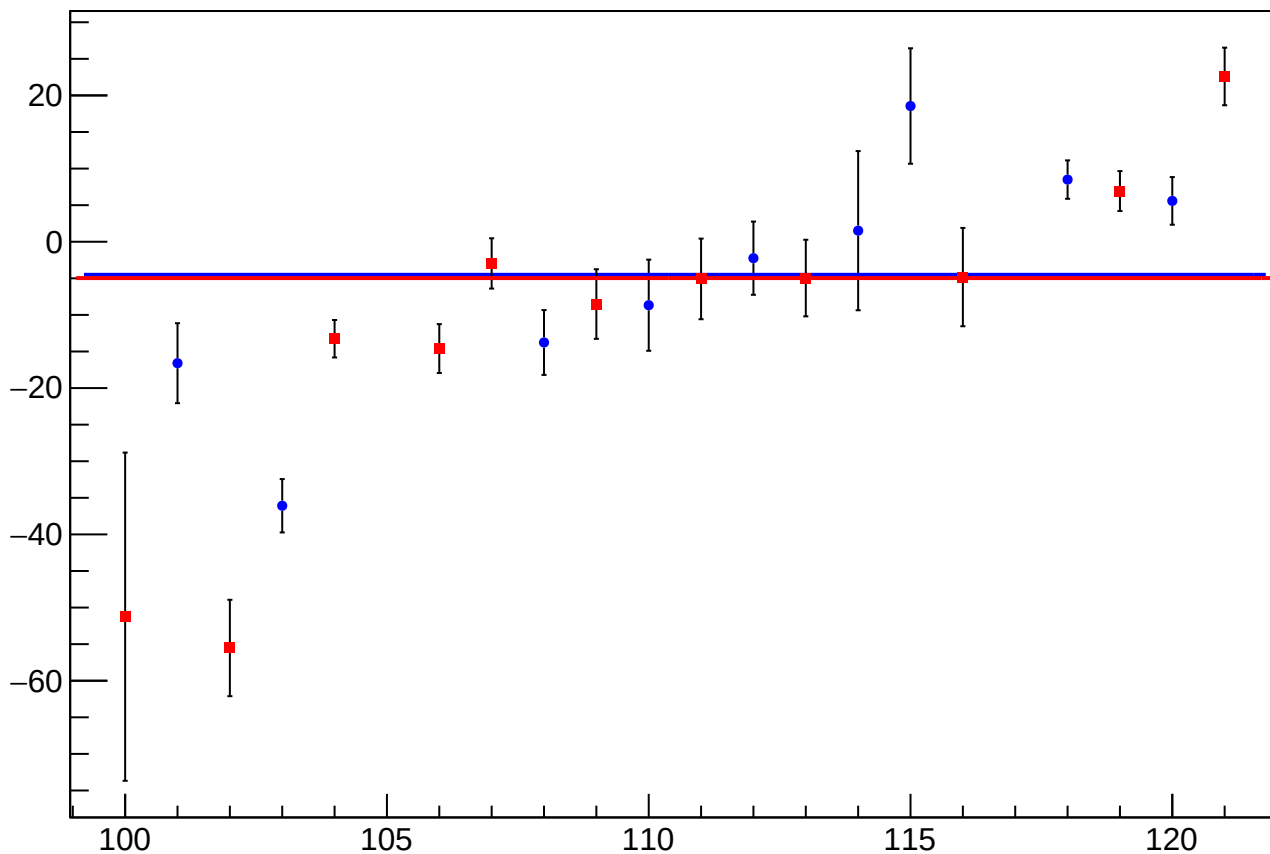
Right: 154.891+/-0.937 χ^2/NDF : 2621.0/19

In: 165.459+/-1.499 χ^2/NDF : 1115.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.891+/-0.937 χ^2/NDF : 2621.0/19

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.521+/-1.430 χ^2 /NDF: 127.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.965+/-1.207 χ^2 /NDF: 150.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

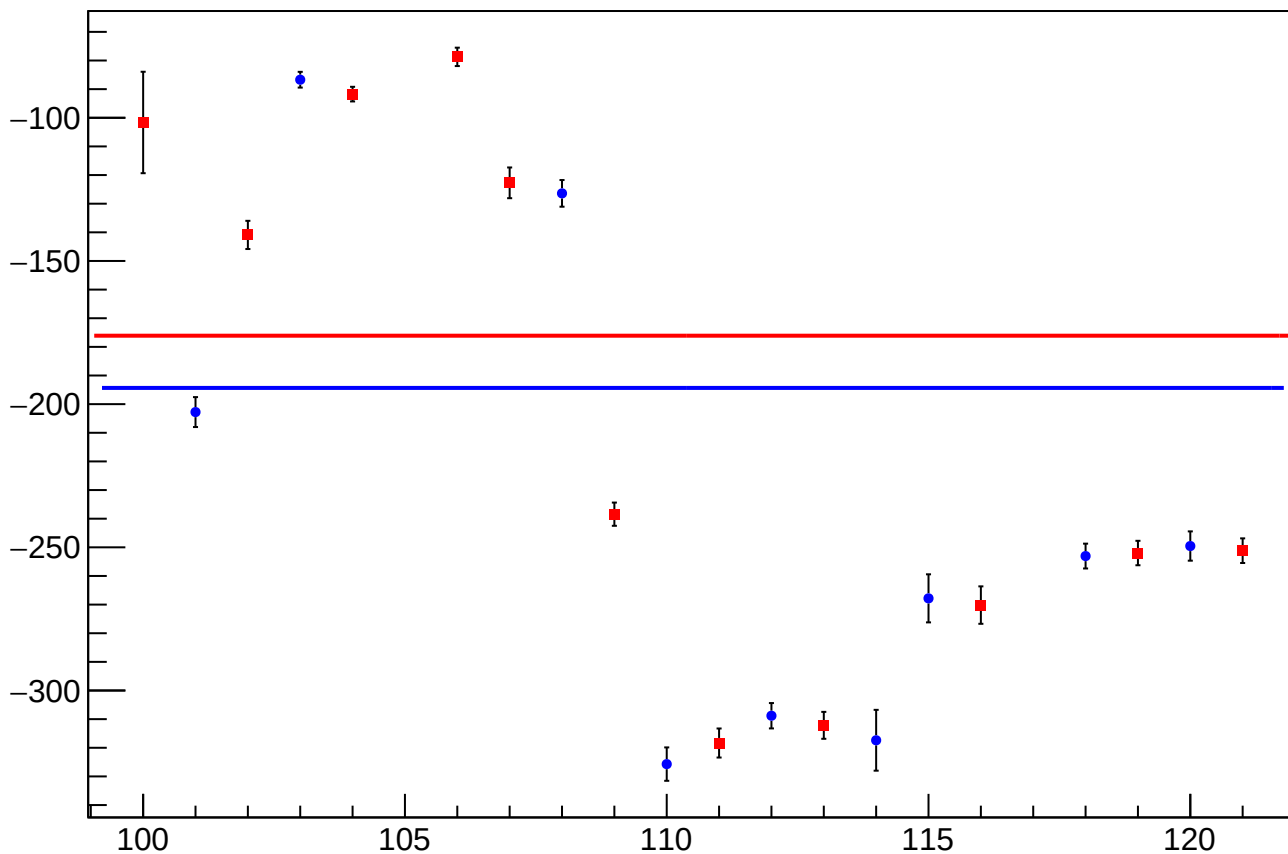
Right: -4.780+/-0.922 χ^2 /NDF: 278.8/19

In: -4.521+/-1.430 χ^2 /NDF:127.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.780+/-0.922 χ^2 /NDF: 278.8/19

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -194.332+/-1.562 χ^2/NDF : 3435.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.099+/-1.284 χ^2/NDF : 4866.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

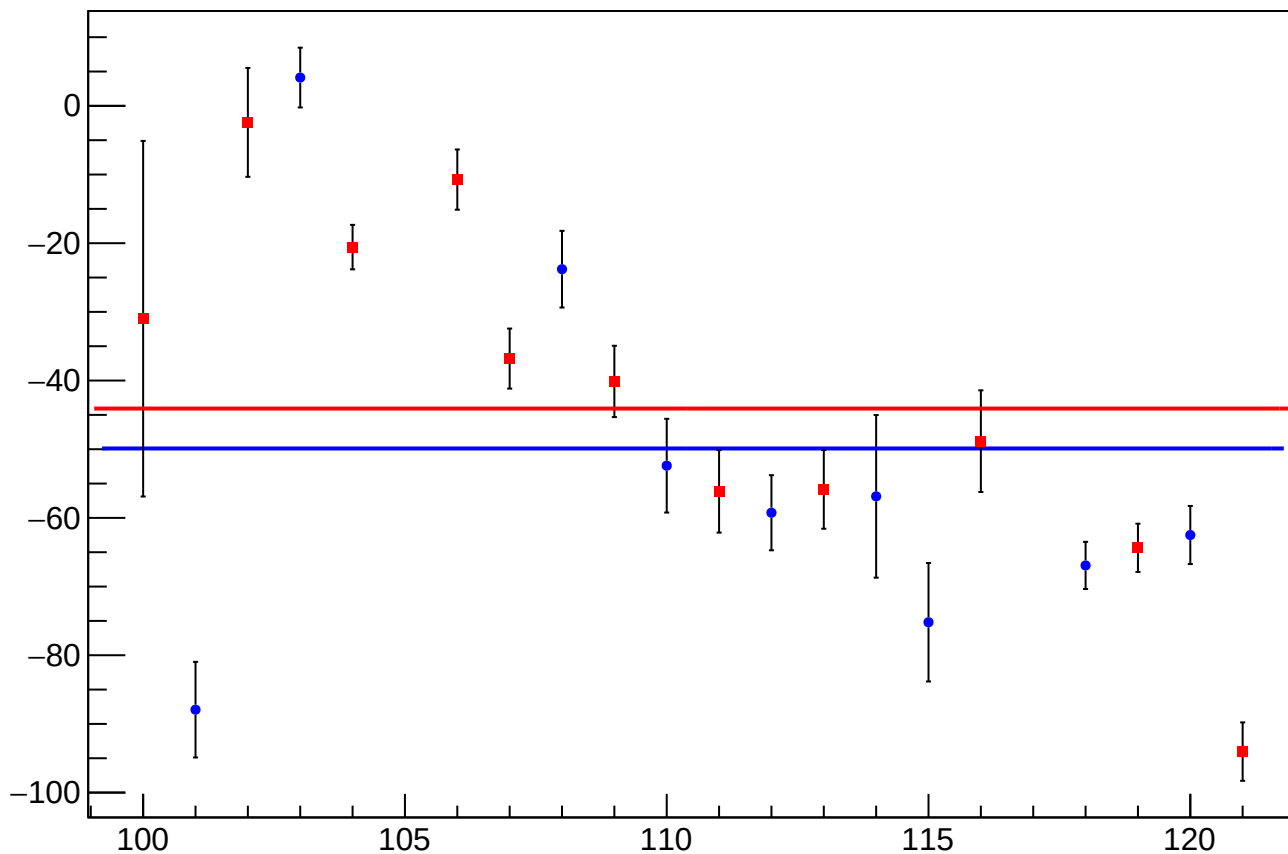
Right: -183.452+/-0.992 χ^2/NDF : 8383.4/19

In: -194.332+/-1.562 χ^2/NDF : 3435.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.452+/-0.992 χ^2/NDF : 8383.4/19

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -49.891 ± 1.763 χ^2/NDF : 251.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.076 ± 1.463 χ^2/NDF : 321.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

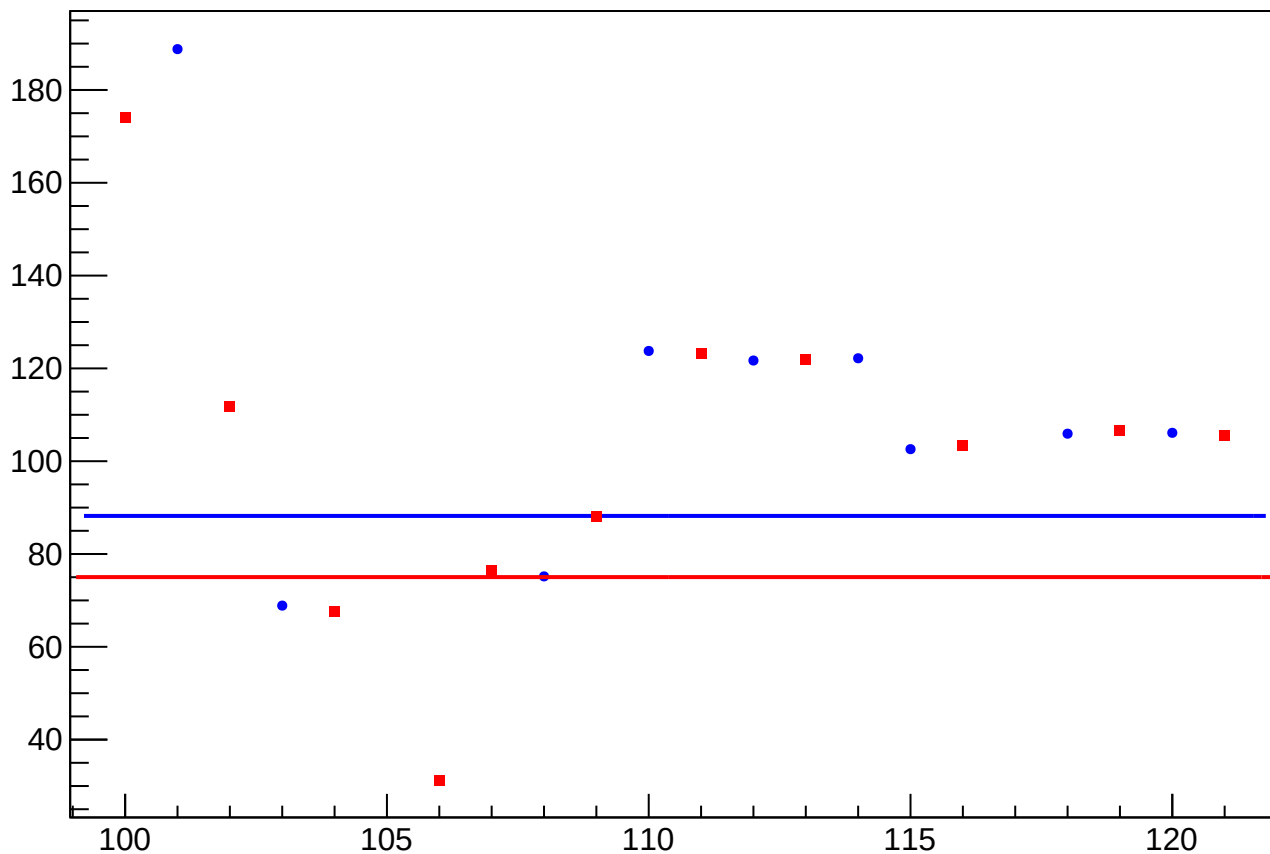
Right: -46.447 ± 1.126 χ^2/NDF : 579.3/19

In: -49.891 ± 1.763 χ^2/NDF : 251.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.447 ± 1.126 χ^2/NDF : 579.3/19

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 88.208+/-0.083 χ^2/NDF : 158636.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.023+/-0.070 χ^2/NDF : 185090.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

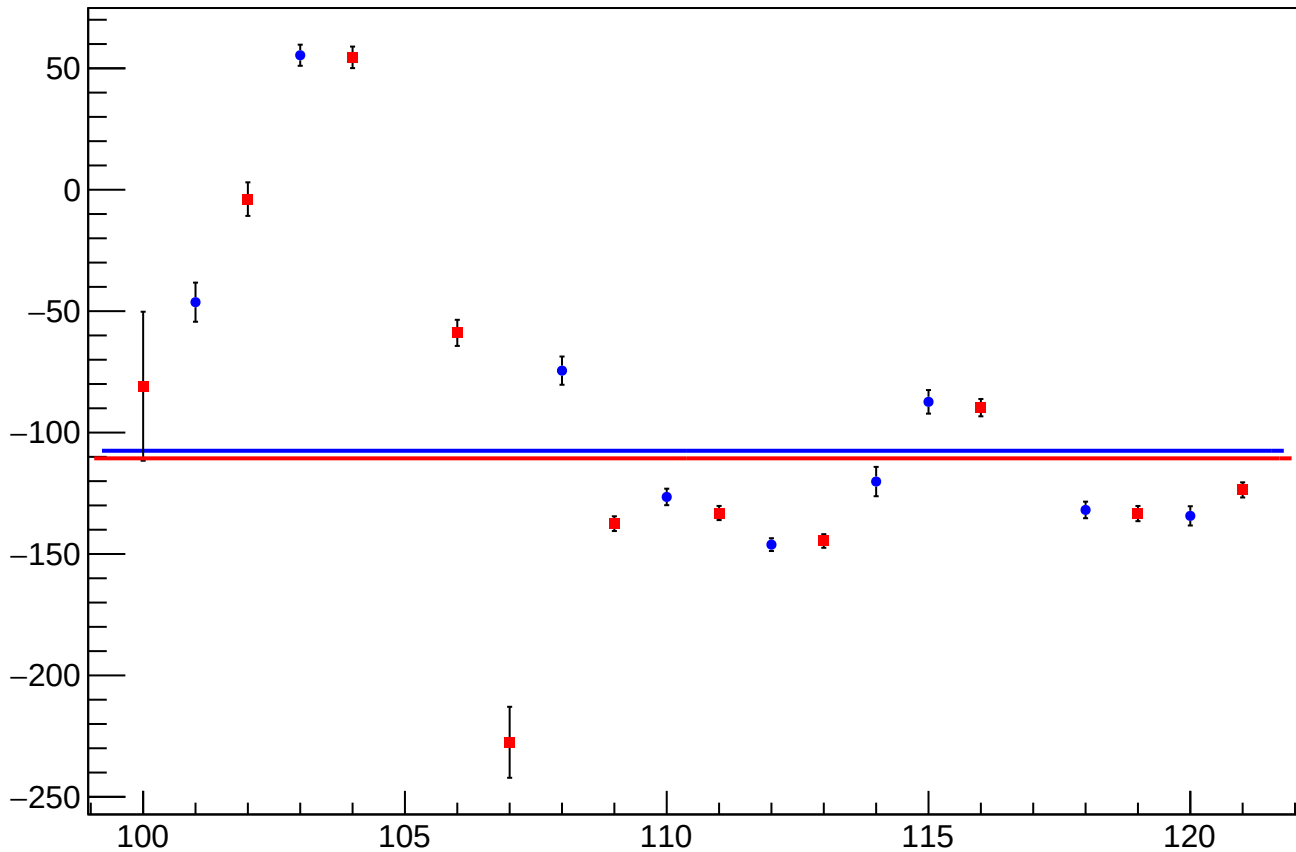
Right: 80.502+/-0.054 χ^2/NDF : 358411.5/19

In: 88.208+/-0.083 χ^2/NDF : 158636.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.502+/-0.054 χ^2/NDF : 358411.5/19

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -107.487+/-1.351 χ^2/NDF : 1856.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.613+/-1.156 χ^2/NDF : 2171.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

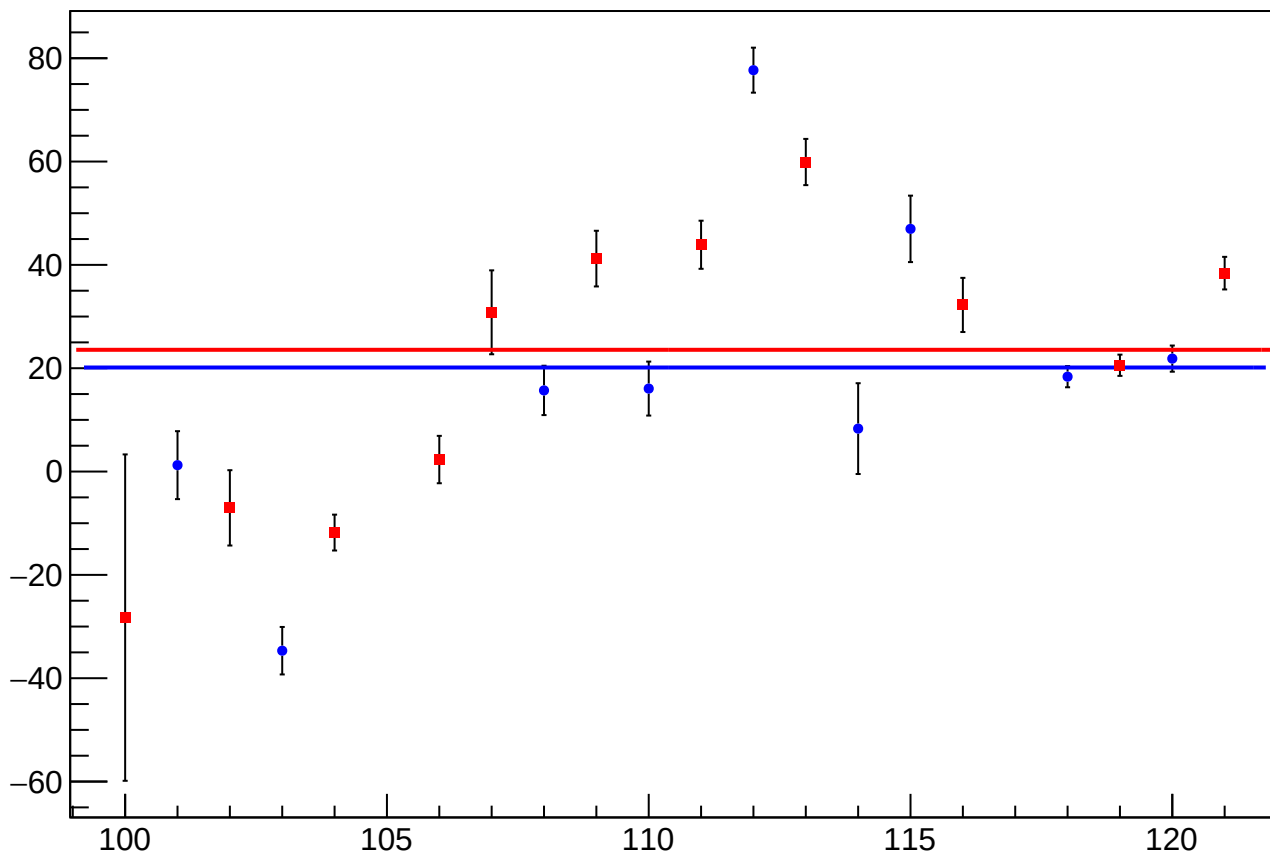
Right: -109.292+/-0.878 χ^2/NDF : 4031.4/19

In: -107.487+/-1.351 χ^2/NDF : 1856.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.292+/-0.878 χ^2/NDF : 4031.4/19

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.138+/-1.255 χ^2/NDF : 347.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.564+/-1.222 χ^2/NDF : 269.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

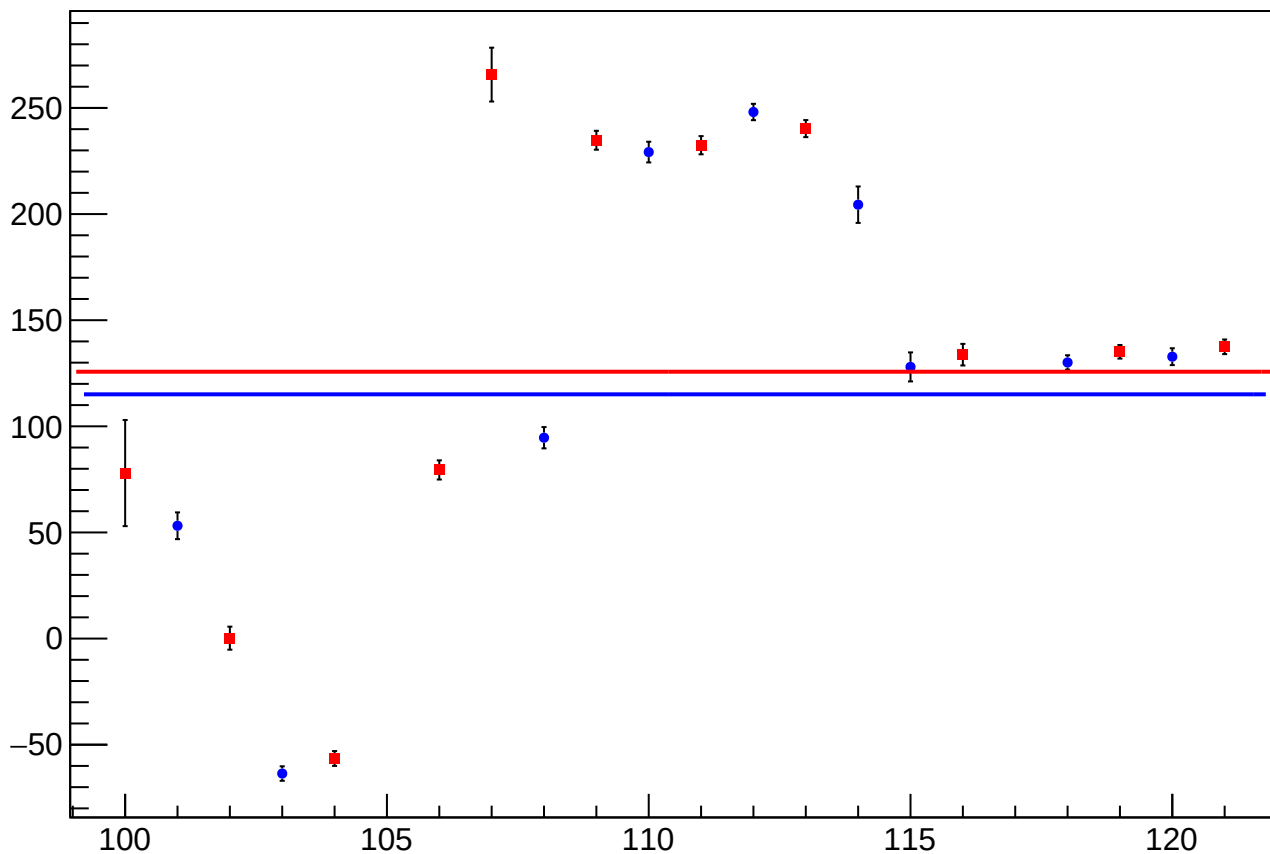
Right: 21.897+/-0.876 χ^2/NDF : 620.0/19

In: 20.138+/-1.255 χ^2/NDF : 347.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.897+/-0.876 χ^2/NDF : 620.0/19

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 115.074+/-1.499 χ^2/NDF : 4739.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.723+/-1.336 χ^2/NDF : 5536.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

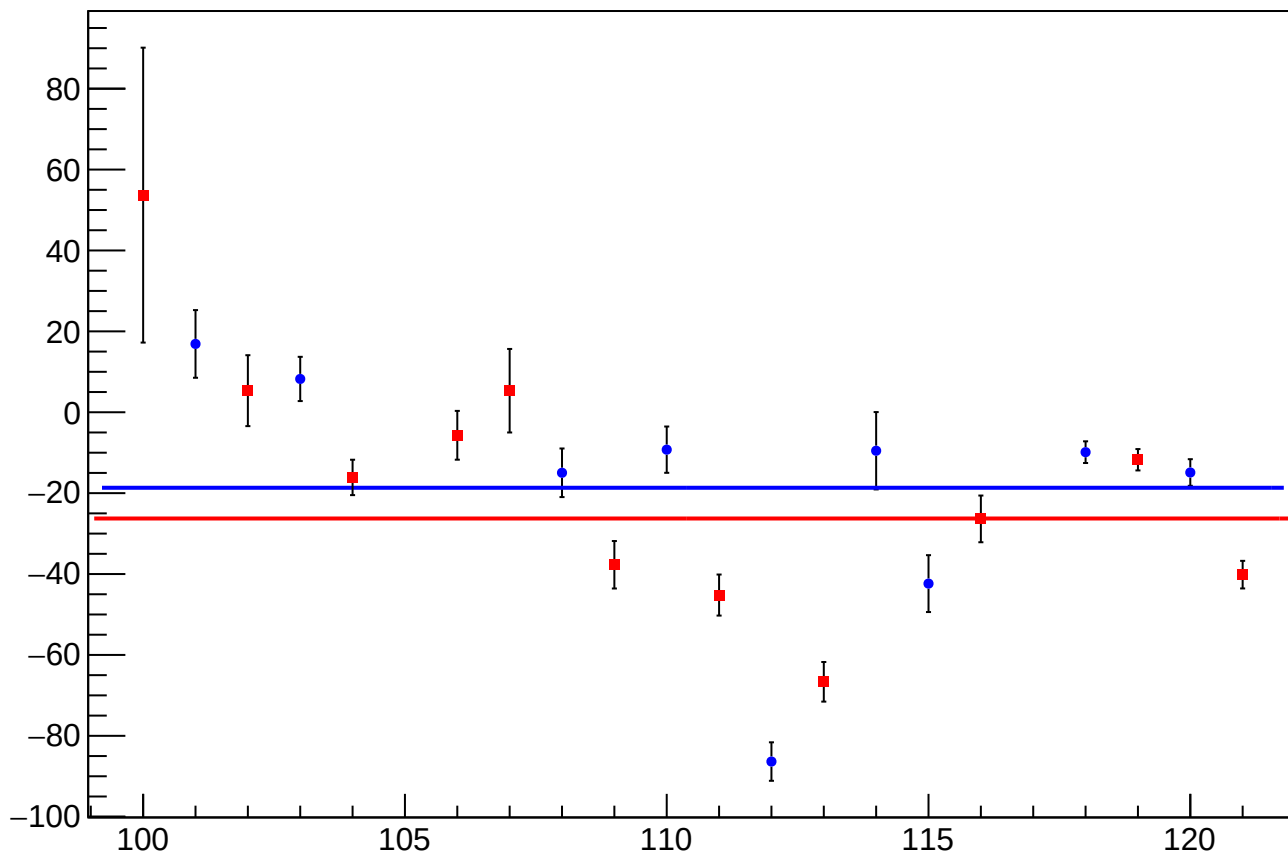
Right: 121.008+/-0.997 χ^2/NDF : 10304.3/19

In: 115.074+/-1.499 χ^2/NDF : 4739.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.008+/-0.997 χ^2/NDF : 10304.3/19

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.669 ± 1.557 χ^2/NDF : 272.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.269 ± 1.456 χ^2/NDF : 176.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

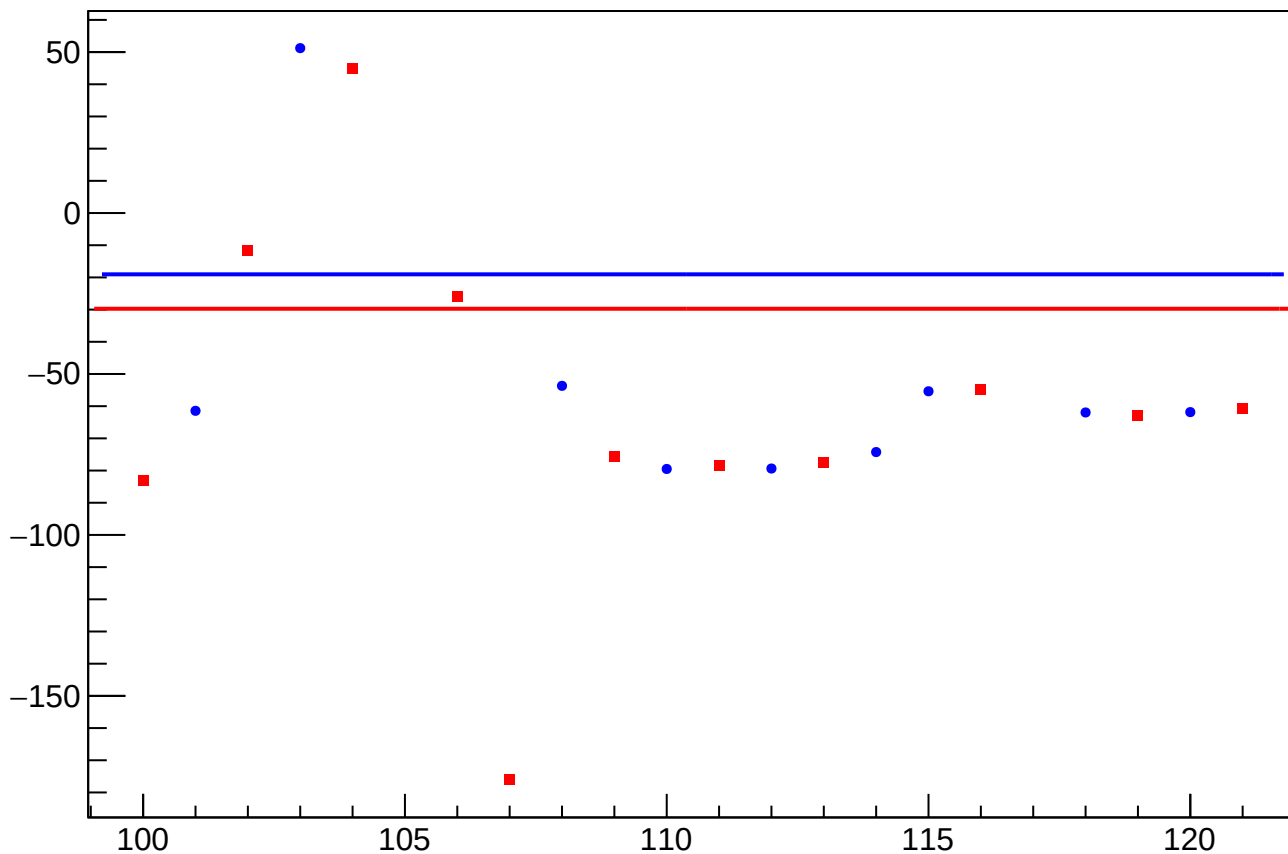
Right: -22.722 ± 1.063 χ^2/NDF : 461.5/19

In: -18.669 ± 1.557 χ^2/NDF : 272.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.722 ± 1.063 χ^2/NDF : 461.5/19

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.043+/-0.088 χ^2/NDF : 404653.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.735+/-0.082 χ^2/NDF : 388900.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

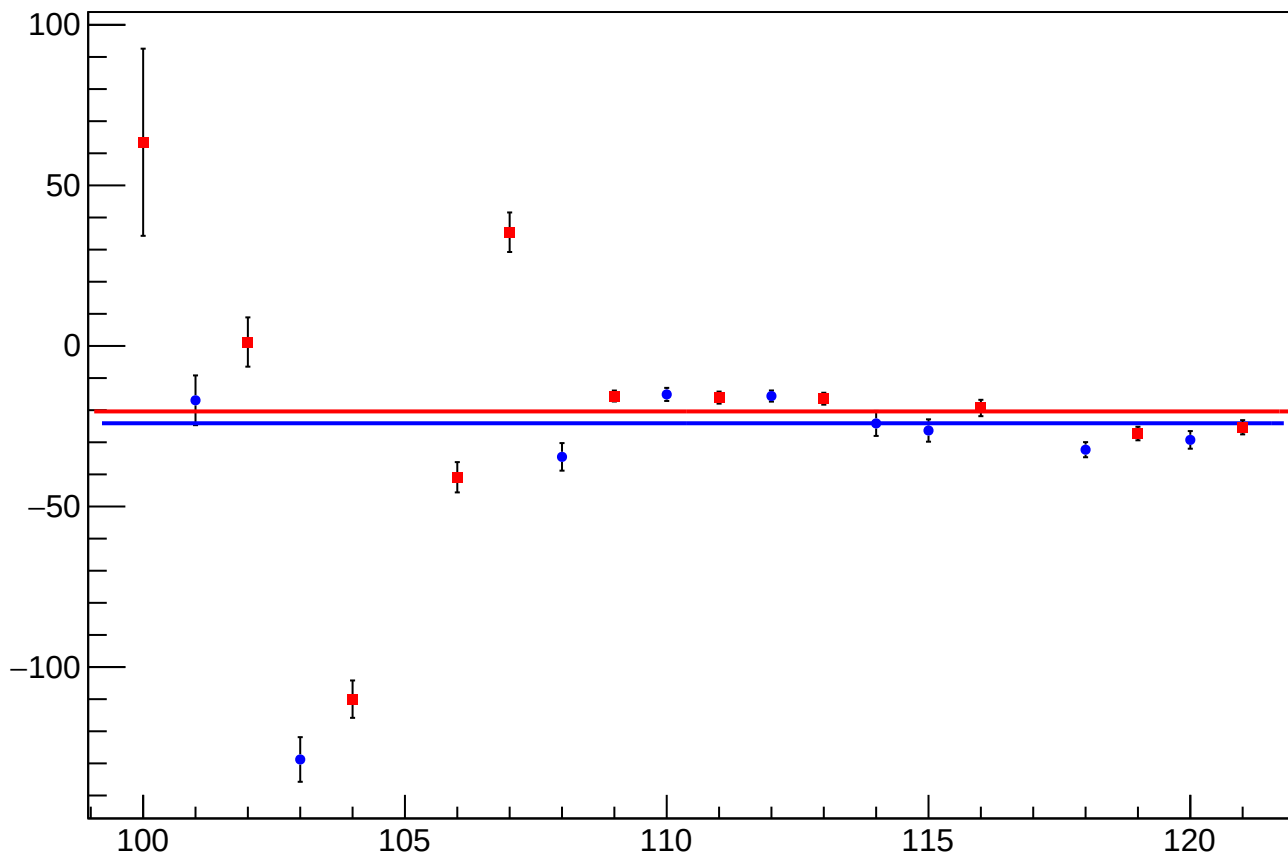
Right: -24.776+/-0.060 χ^2/NDF : 801396.8/19

In: -19.043+/-0.088 χ^2/NDF : 404653.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.776+/-0.060 χ^2/NDF : 801396.8/19

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.076+/-0.942 χ^2/NDF : 293.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.388+/-0.786 χ^2/NDF : 387.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

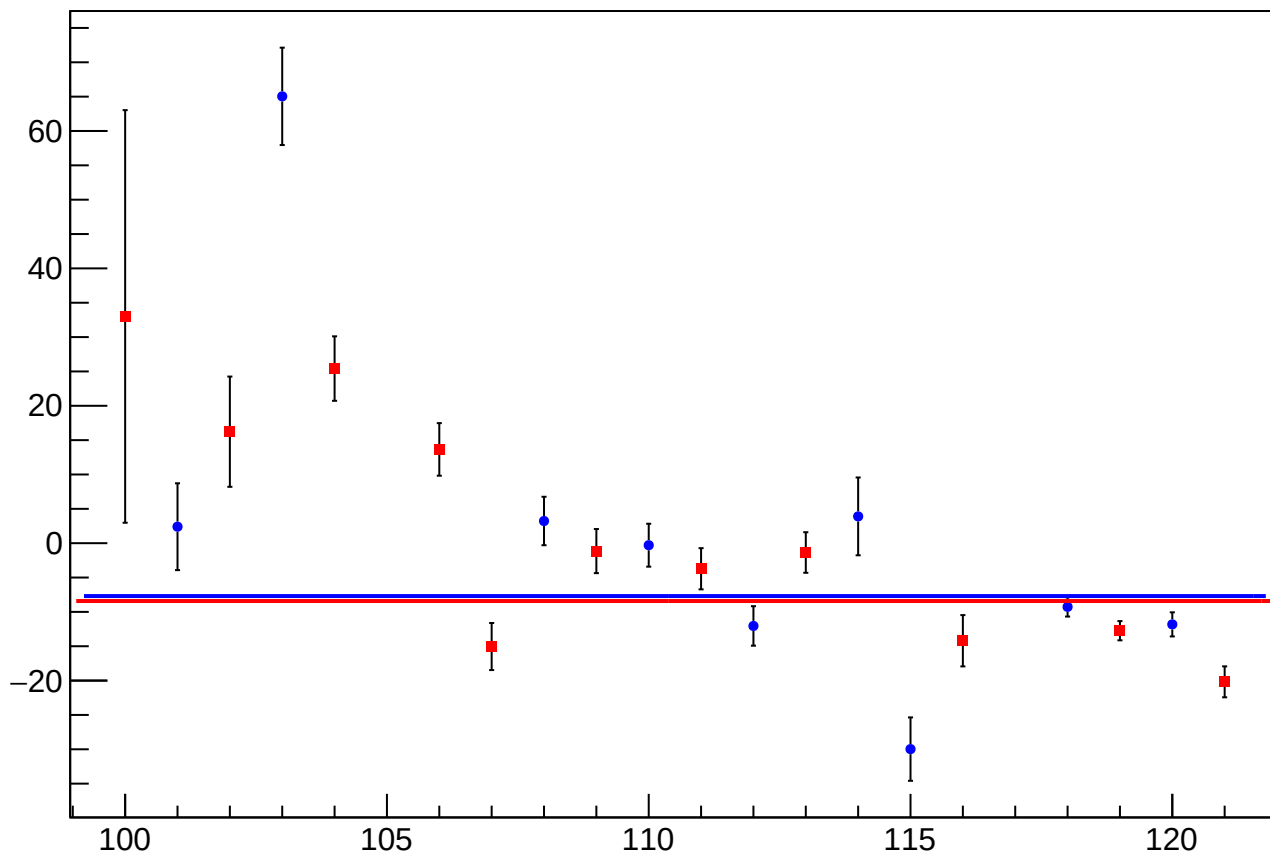
Right: -21.901+/-0.603 χ^2/NDF : 689.9/19

In: -24.076+/-0.942 χ^2/NDF : 293.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.901+/-0.603 χ^2/NDF : 689.9/19

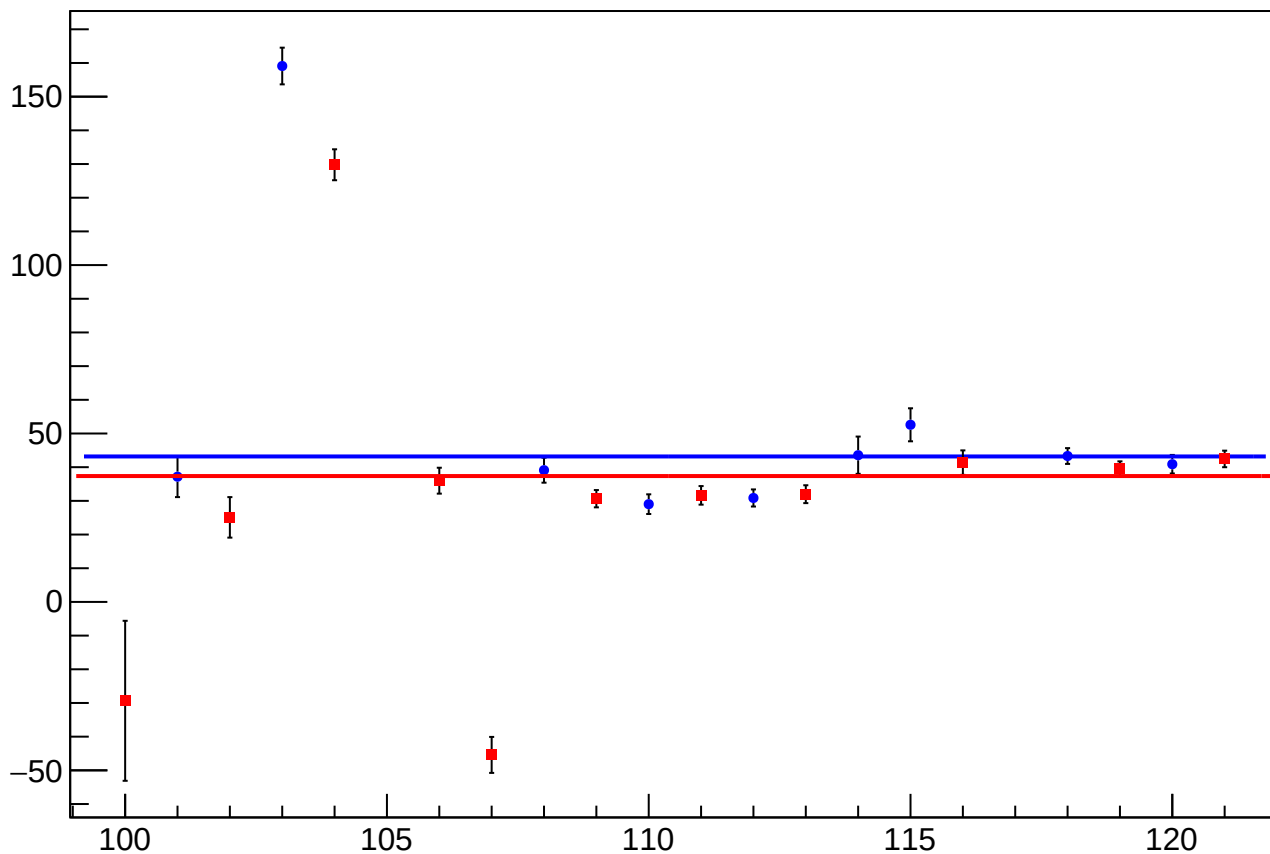
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.698+/-0.893 χ^2/NDF : 159.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8.419+/-0.871 χ^2/NDF : 152.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -8.068+/-0.623 χ^2/NDF : 312.9/19
 In: -7.698+/-0.893 χ^2/NDF : 159.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.068+/-0.623 χ^2/NDF : 312.9/19

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.185+/-1.122 χ^2/NDF : 506.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.368+/-0.972 χ^2/NDF : 678.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

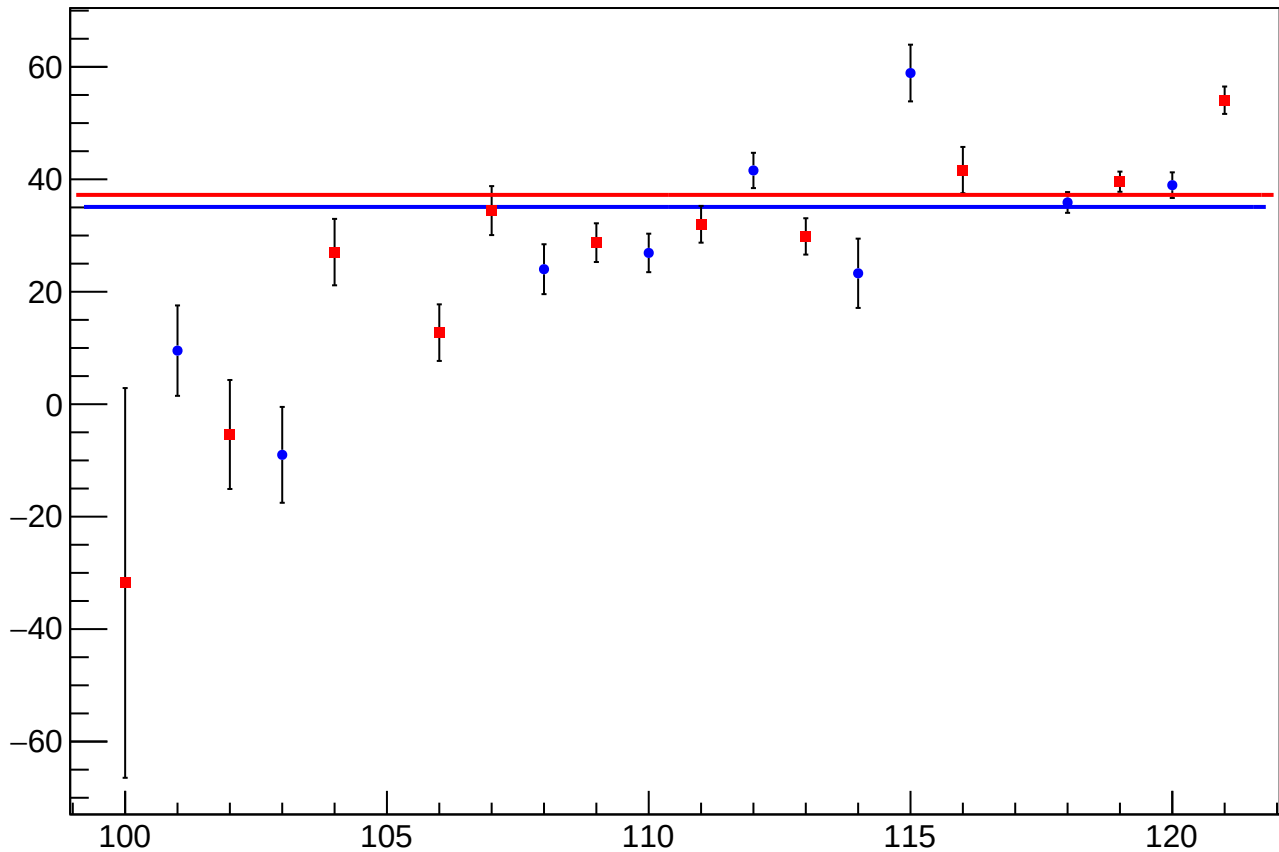
Right: 39.861+/-0.735 χ^2/NDF : 1200.9/19

In: 43.185+/-1.122 χ^2/NDF : 506.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.861+/-0.735 χ^2/NDF : 1200.9/19

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 35.088+/-1.105 χ^2/NDF : 82.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.229+/-1.029 χ^2/NDF : 115.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

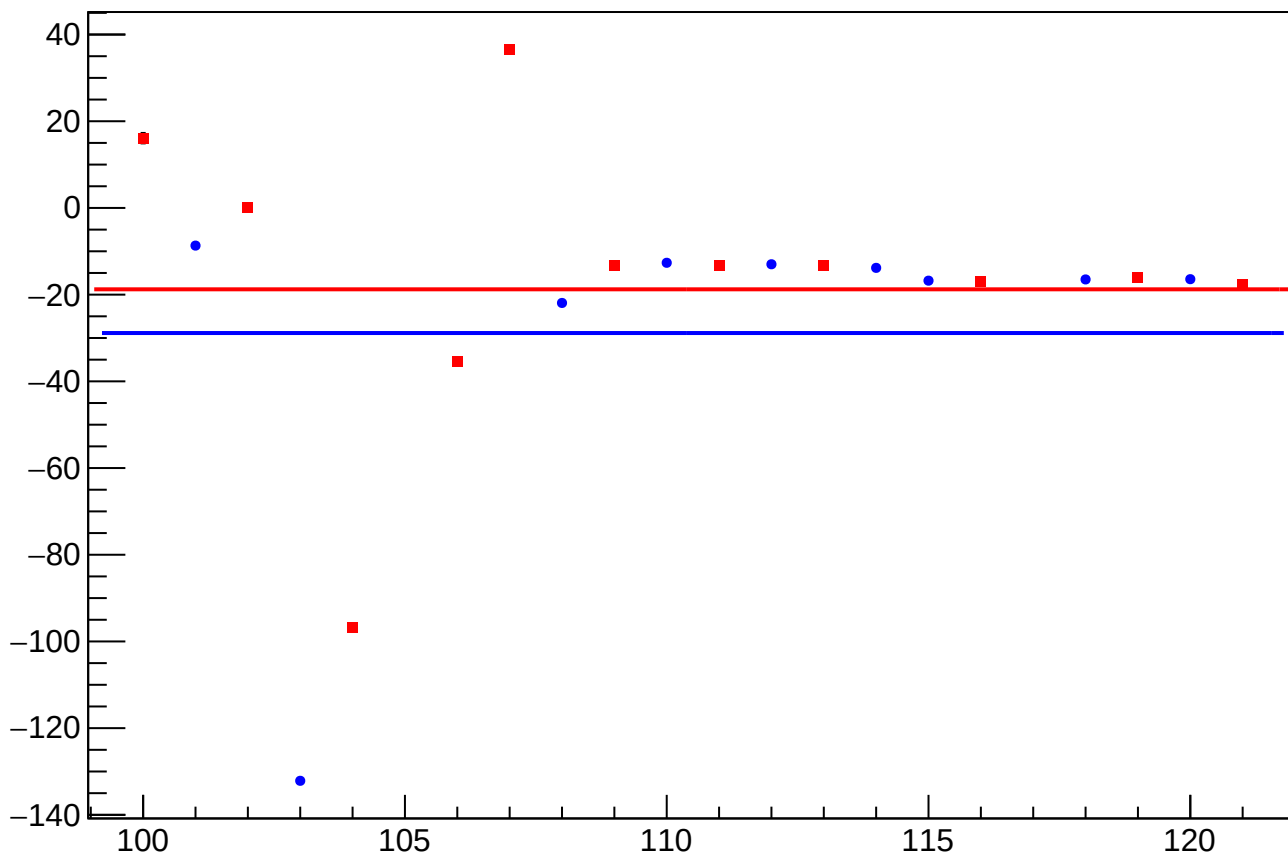
Right: 36.235+/-0.753 χ^2/NDF : 199.1/19

In: 35.088+/-1.105 χ^2/NDF : 82.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.235+/-0.753 χ^2/NDF : 199.1/19

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.855+/-0.075 χ^2/NDF : 226672.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.772+/-0.066 χ^2/NDF : 203270.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

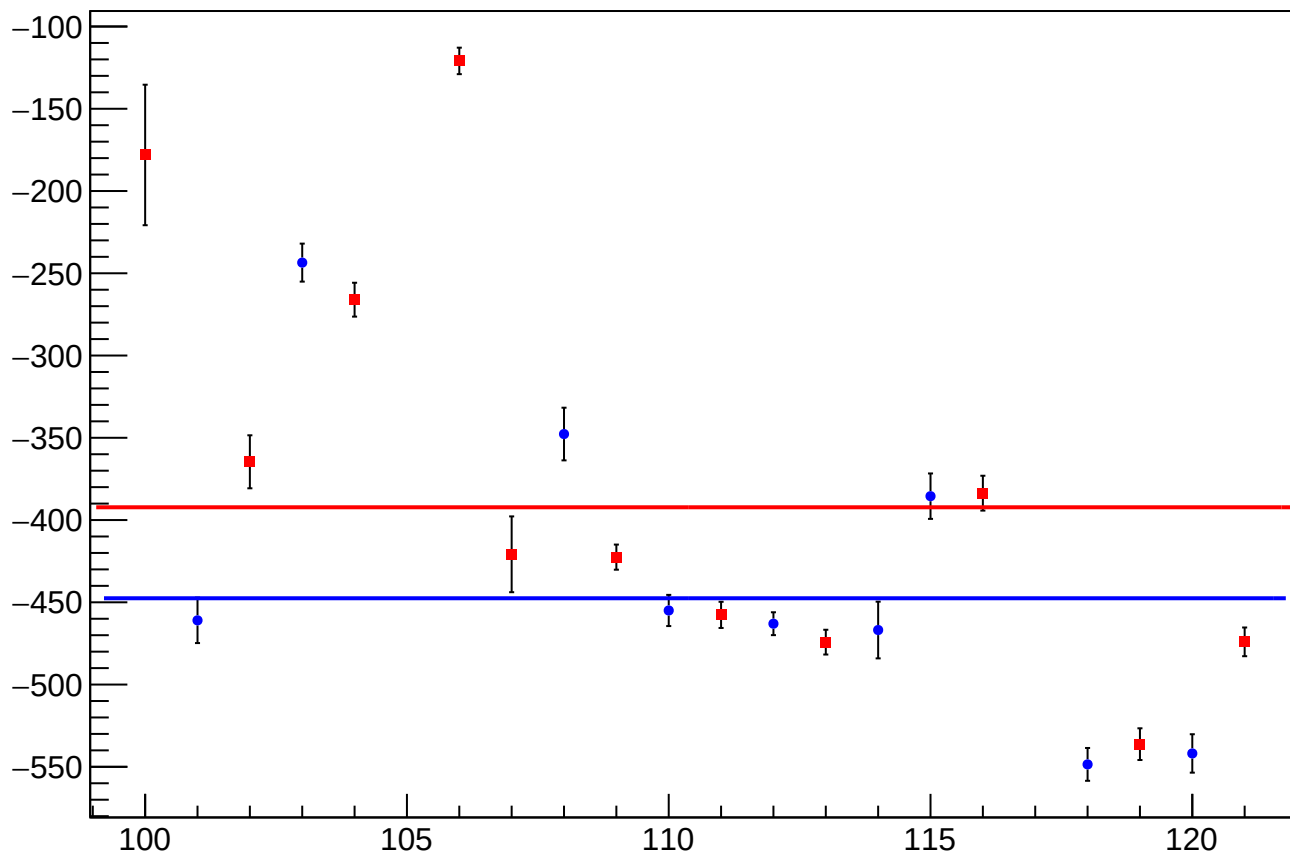
Right: -23.131+/-0.050 χ^2/NDF : 440124.6/19

In: -28.855+/-0.075 χ^2/NDF : 226672.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.131+/-0.050 χ^2/NDF : 440124.6/19

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -447.543+/-3.664 χ^2/NDF : 546.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -392.240+/-2.954 χ^2/NDF : 1829.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

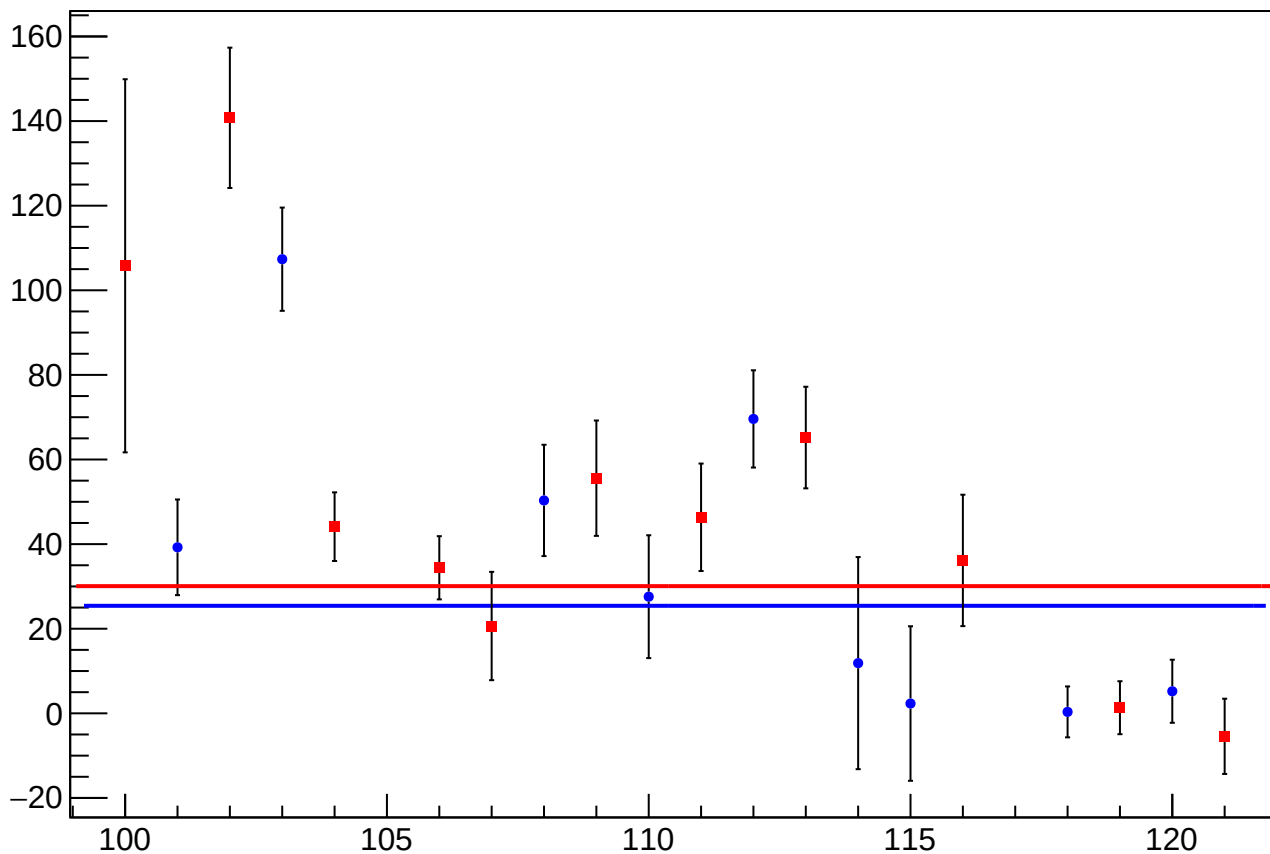
Right: -414.027+/-2.300 χ^2/NDF : 2514.5/19

In: -447.543+/-3.664 χ^2/NDF : 546.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.027+/-2.300 χ^2/NDF : 2514.5/19

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.419+/-3.475 χ^2/NDF : 91.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.066+/-3.098 χ^2/NDF : 102.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

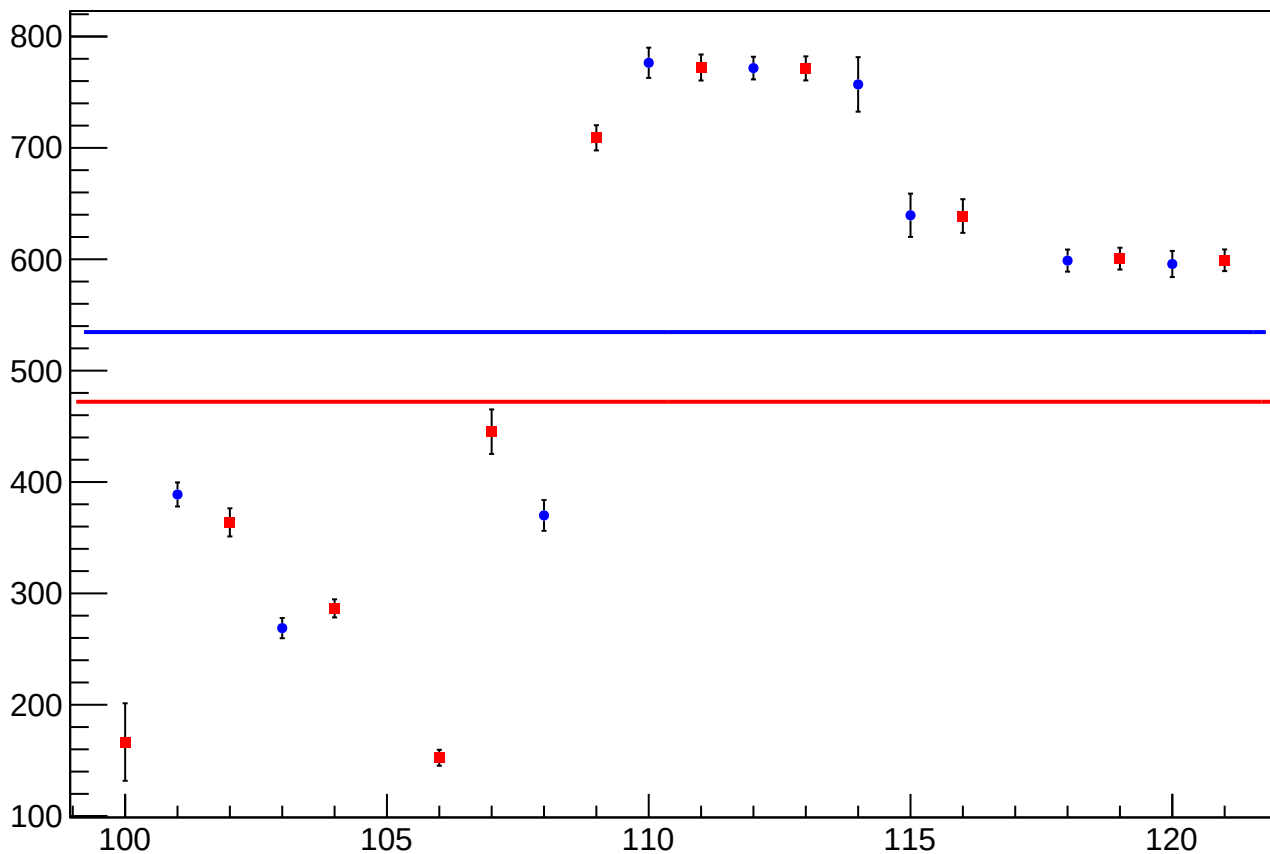
Right: 28.008+/-2.312 χ^2/NDF : 194.8/19

In: 25.419+/-3.475 χ^2/NDF : 91.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.008+/-2.312 χ^2/NDF : 194.8/19

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 534.620+/-3.991 χ^2/NDF : 2224.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.057+/-3.273 χ^2/NDF : 4996.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

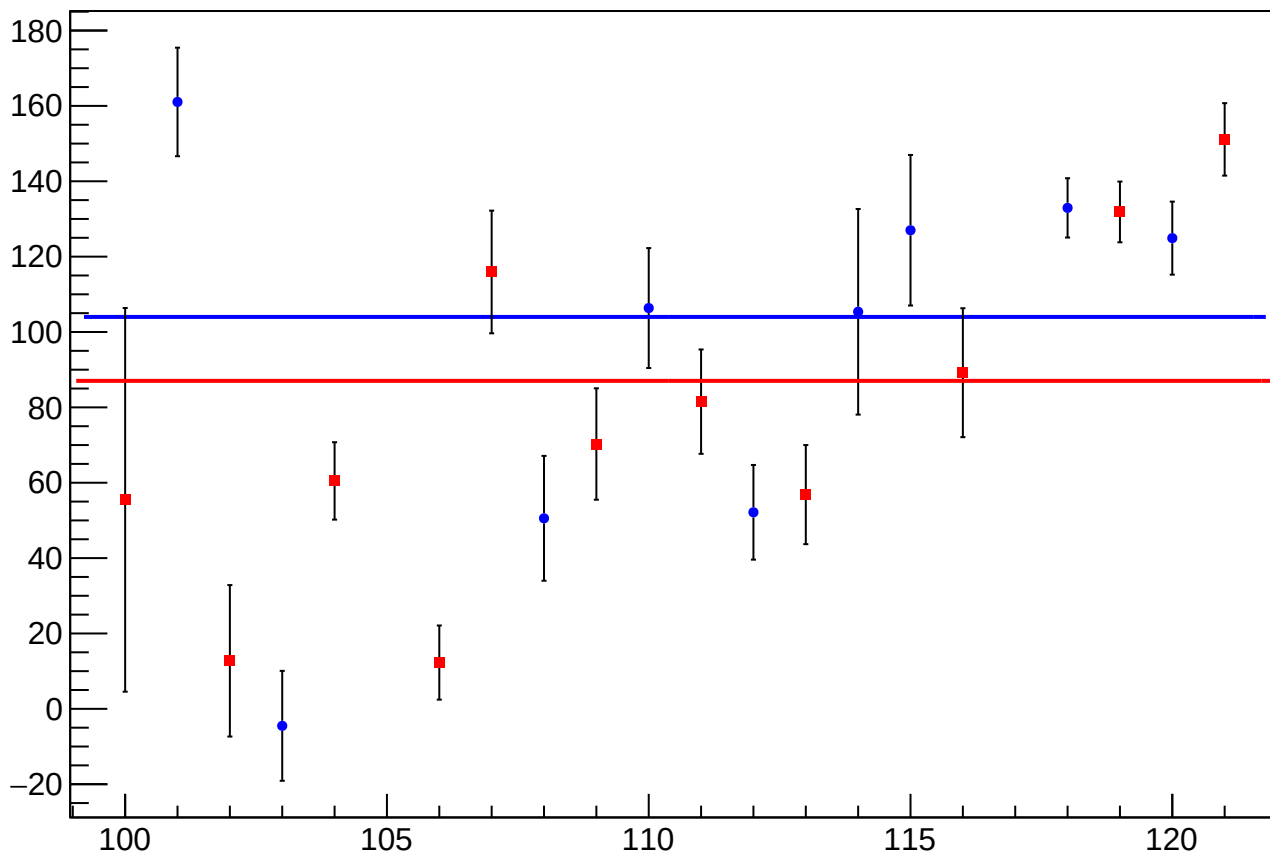
Right: 497.214+/-2.531 χ^2/NDF : 7368.1/19

In: 534.620+/-3.991 χ^2/NDF : 2224.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.214+/-2.531 χ^2/NDF : 7368.1/19

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 104.001+/-4.300 χ^2/NDF : 118.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.037+/-3.735 χ^2/NDF : 163.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

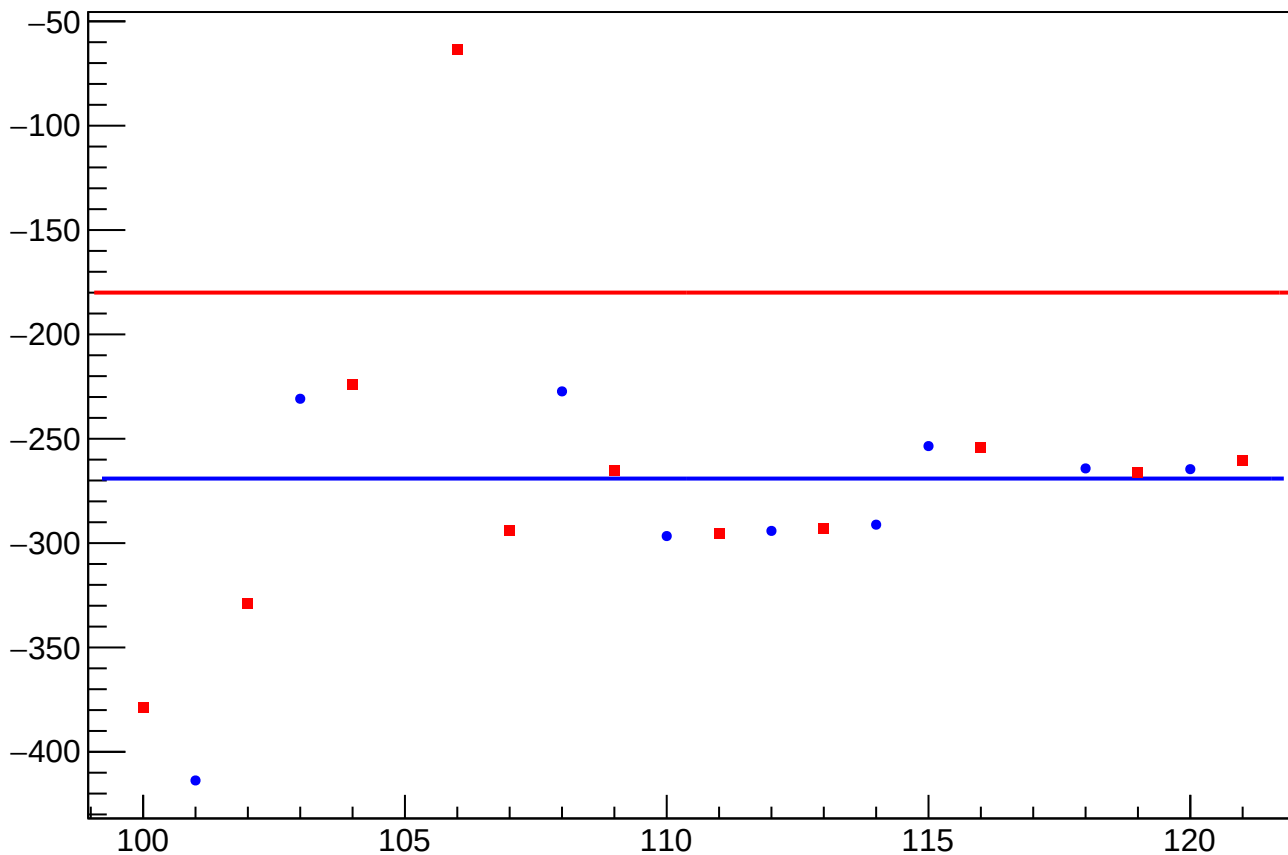
Right: 94.333+/-2.820 χ^2/NDF : 290.7/19

In: 104.001+/-4.300 χ^2/NDF : 118.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.333+/-2.820 χ^2/NDF : 290.7/19

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -269.073+/-0.233 χ^2/NDF : 67610.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.972+/-0.169 χ^2/NDF : 398889.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

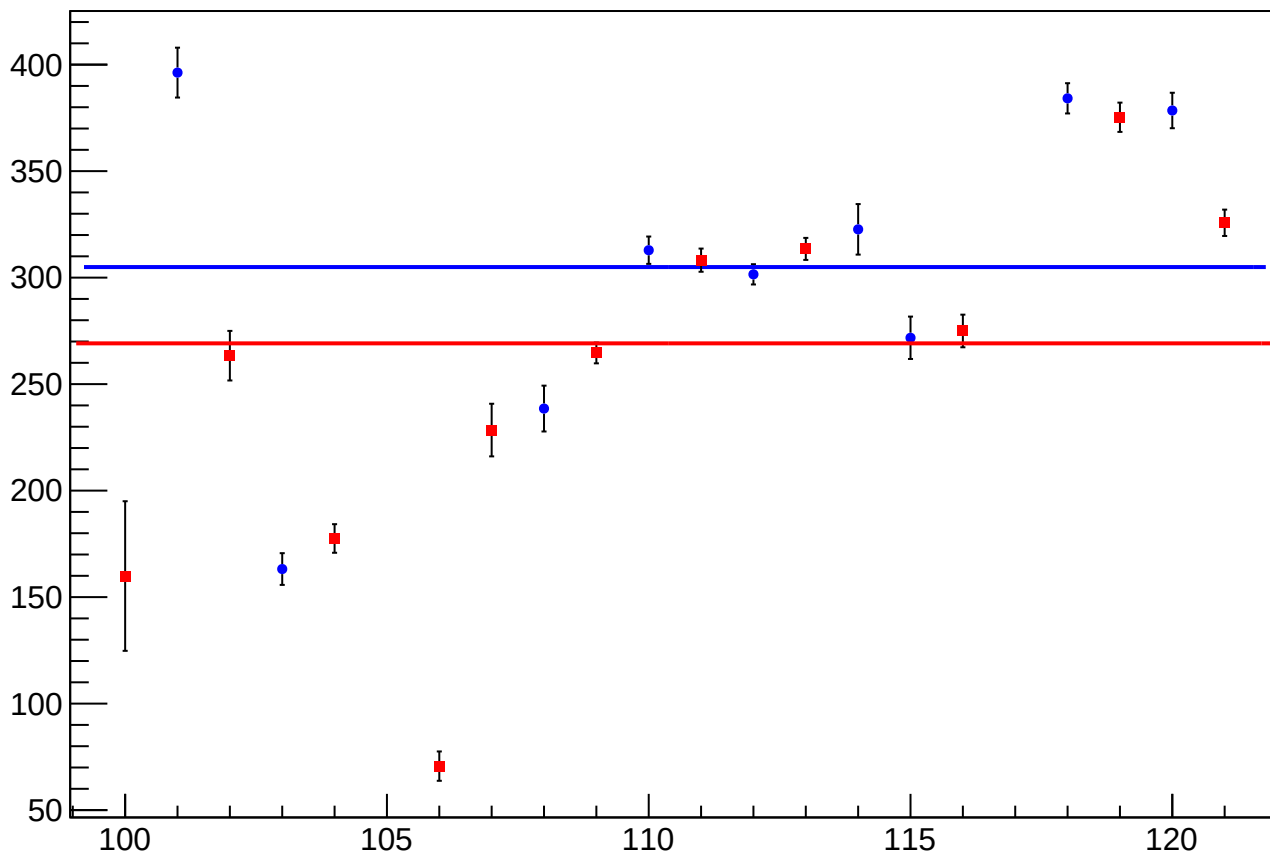
Right: -210.546+/-0.137 χ^2/NDF : 562190.7/19

In: -269.073+/-0.233 χ^2/NDF : 67610.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.546+/-0.137 χ^2/NDF : 562190.7/19

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 304.962 $\pm$ 2.549 χ^2 /NDF: 679.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 269.140 $\pm$ 2.059 χ^2 /NDF: 1486.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

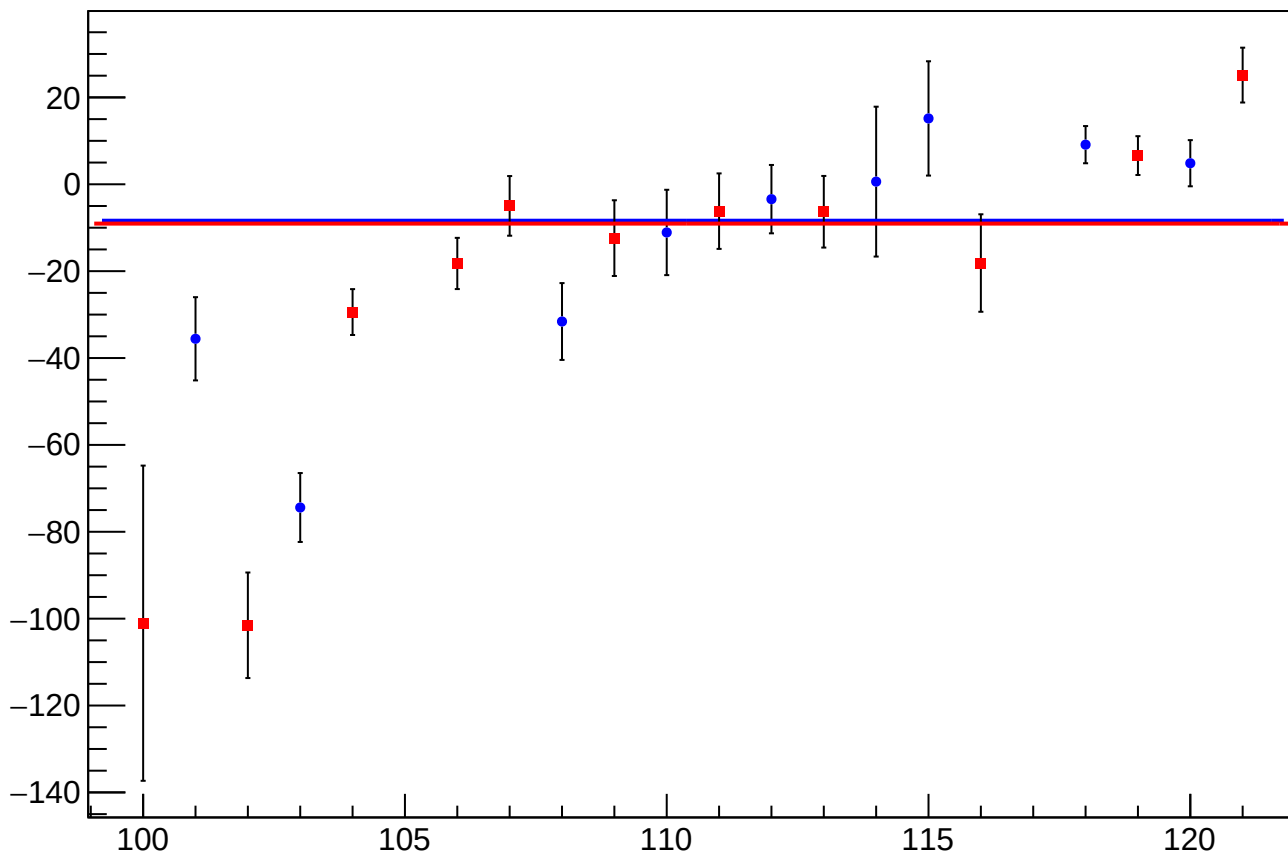
Right: 283.286 $\pm$ 1.602 χ^2 /NDF: 2284.9/19

In: 304.962 $\pm$ 2.549 χ^2 /NDF:679.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 283.286 $\pm$ 1.602 χ^2 /NDF: 2284.9/19

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.390+/-2.461 χ^2/NDF : 111.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.054+/-2.143 χ^2/NDF : 124.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

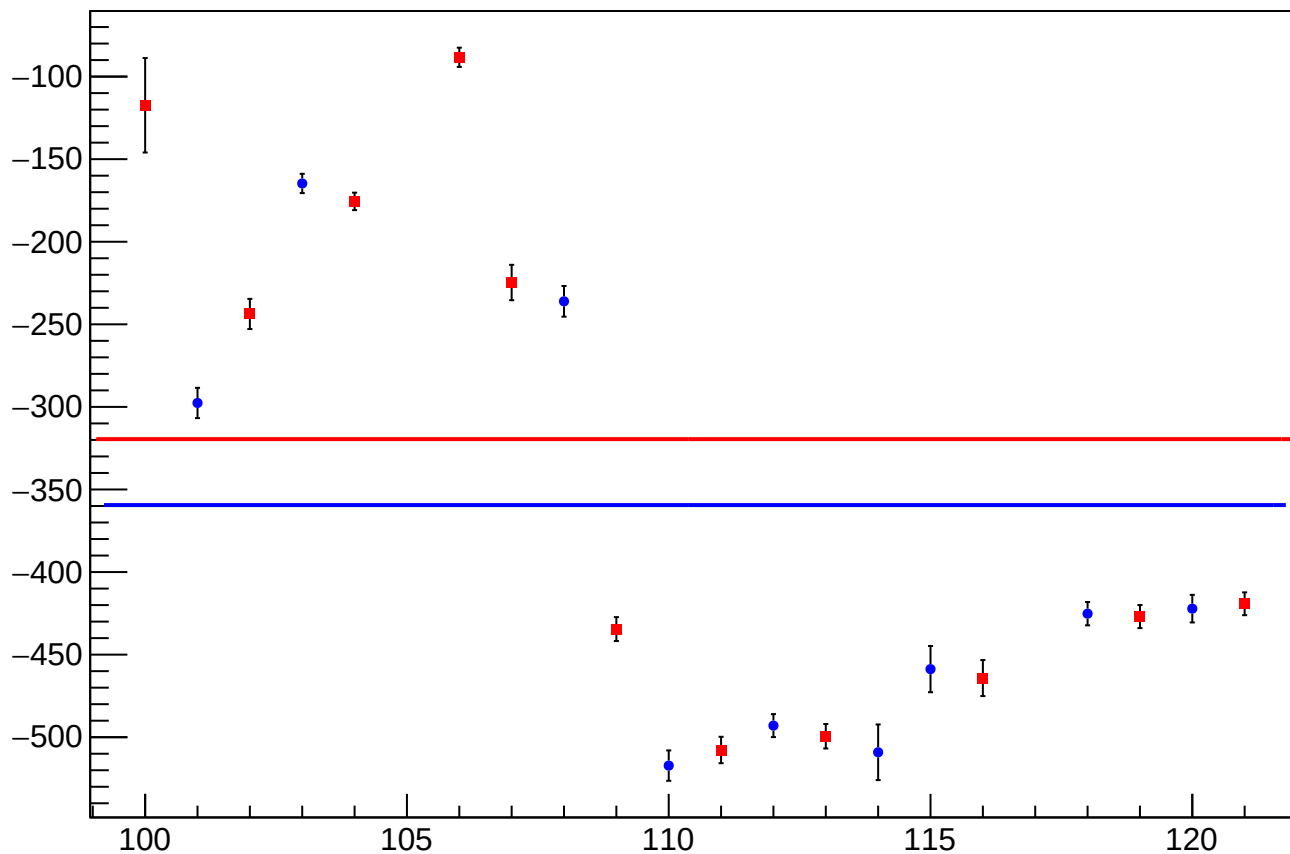
Right: -8.767+/-1.616 χ^2/NDF : 235.7/19

In: -8.390+/-2.461 χ^2/NDF : 111.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.767+/-1.616 χ^2/NDF : 235.7/19

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -359.444+/-2.794 χ^2/NDF : 2265.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -319.509+/-2.295 χ^2/NDF : 4527.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

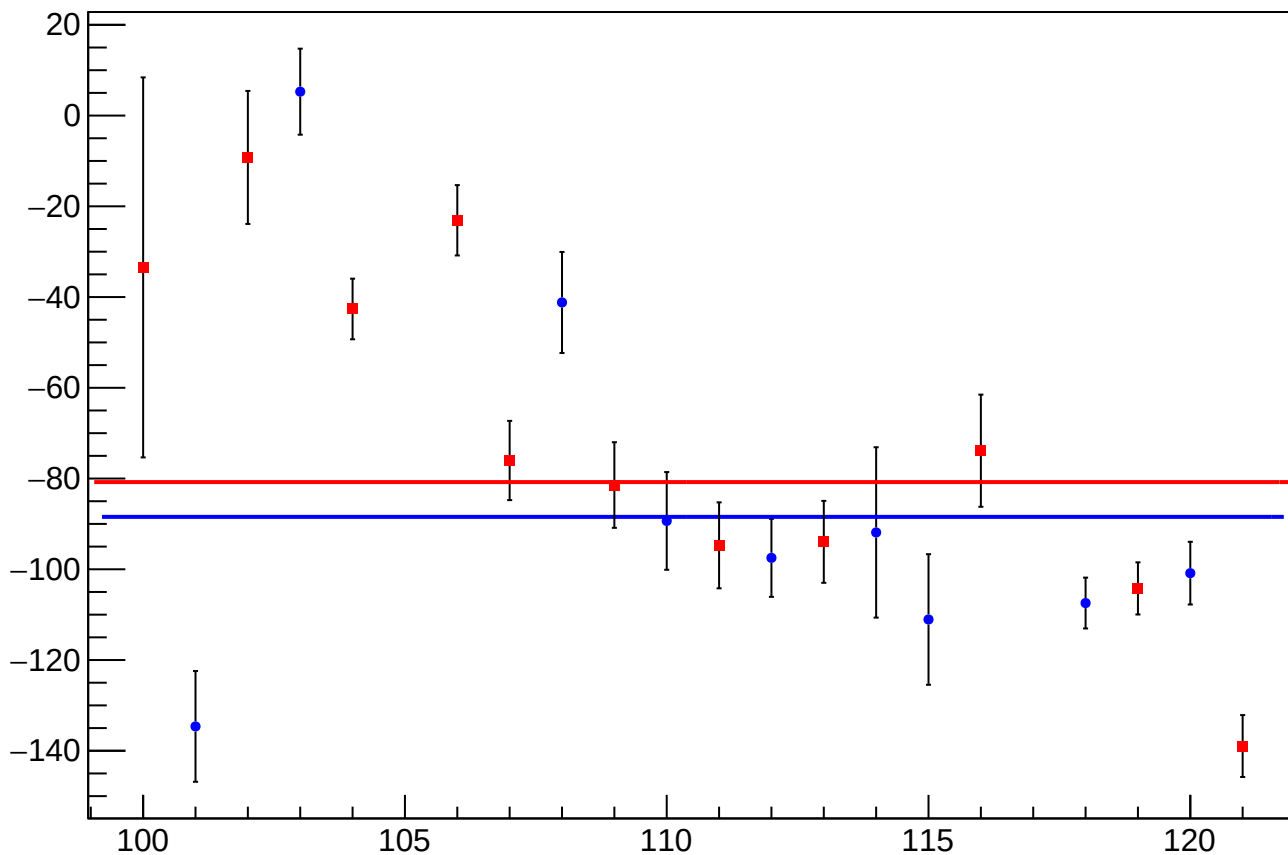
Right: -335.602+/-1.773 χ^2/NDF : 6914.8/19

In: -359.444+/-2.794 χ^2/NDF : 2265.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.602+/-1.773 χ^2/NDF : 6914.8/19

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.446 ± 3.036 $\chi^2/\text{NDF}: 148.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -80.781 ± 2.579 $\chi^2/\text{NDF}: 207.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

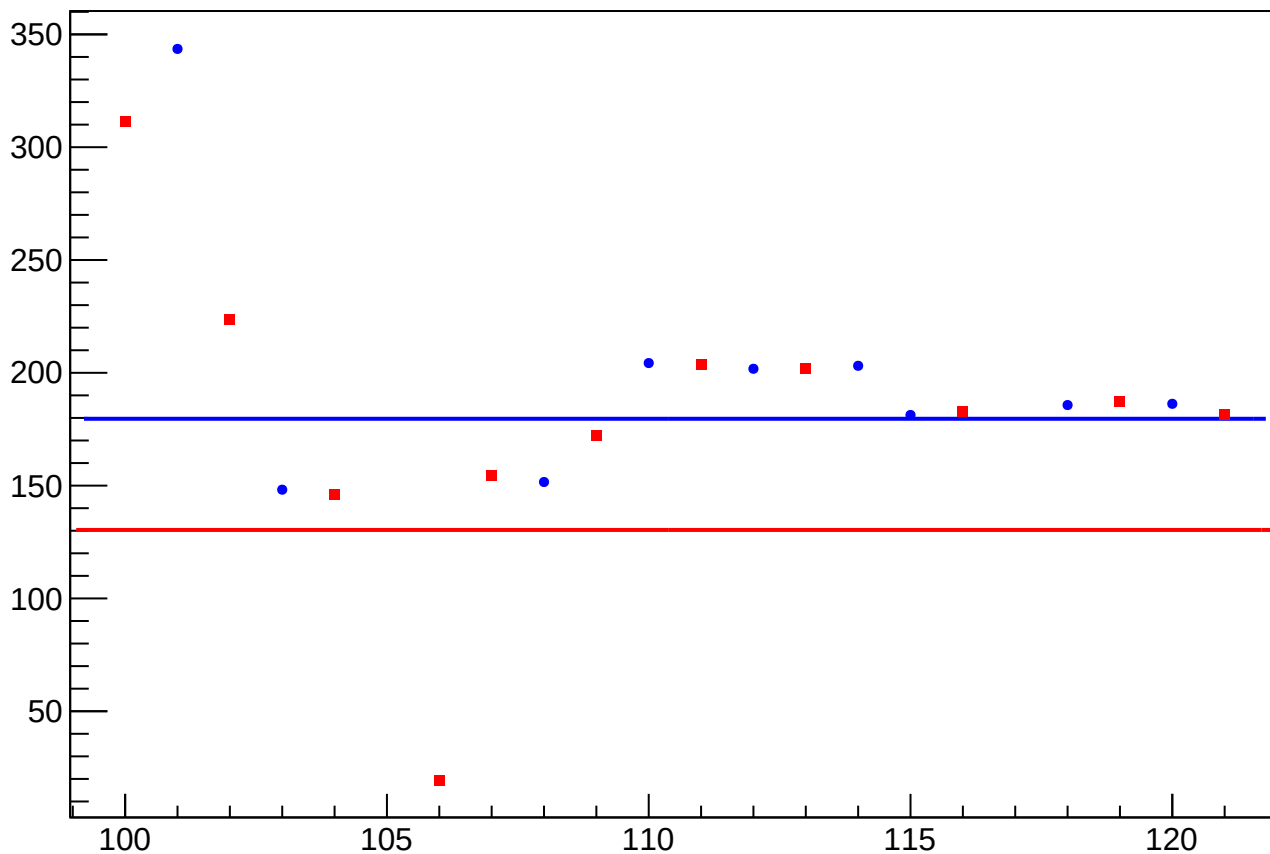
Right: -83.994 ± 1.965 $\chi^2/\text{NDF}: 359.5/19$

In: -88.446 ± 3.036 $\chi^2/\text{NDF}: 148.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -83.994 ± 1.965 $\chi^2/\text{NDF}: 359.5/19$

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 179.627+/-0.160 χ^2/NDF : 114826.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.355+/-0.126 χ^2/NDF : 365582.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

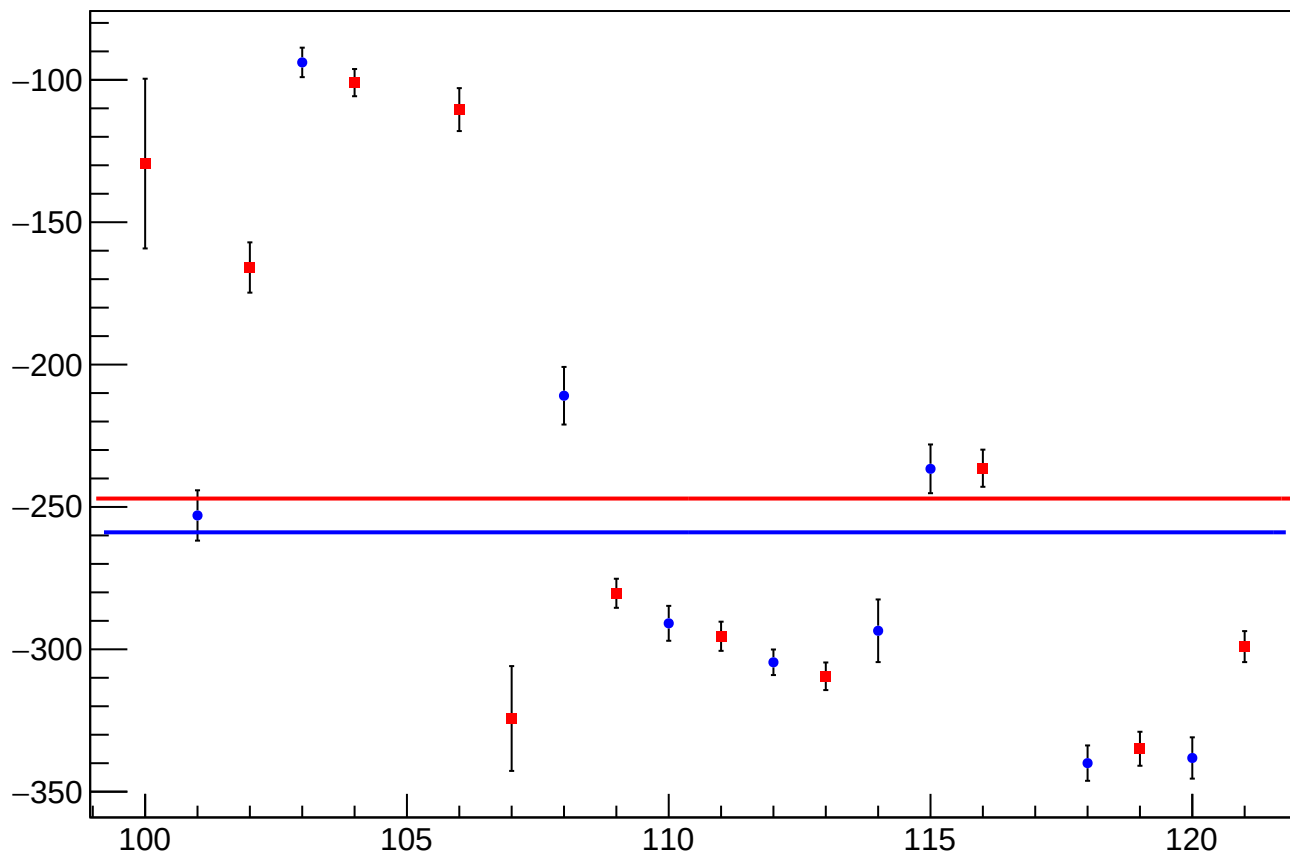
Right: 149.153+/-0.099 χ^2/NDF : 538934.1/19

In: 179.627+/-0.160 χ^2/NDF : 114826.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.153+/-0.099 χ^2/NDF : 538934.1/19

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -258.911 ± 2.220 χ^2/NDF : 1476.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -247.048 ± 1.881 χ^2/NDF : 1988.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

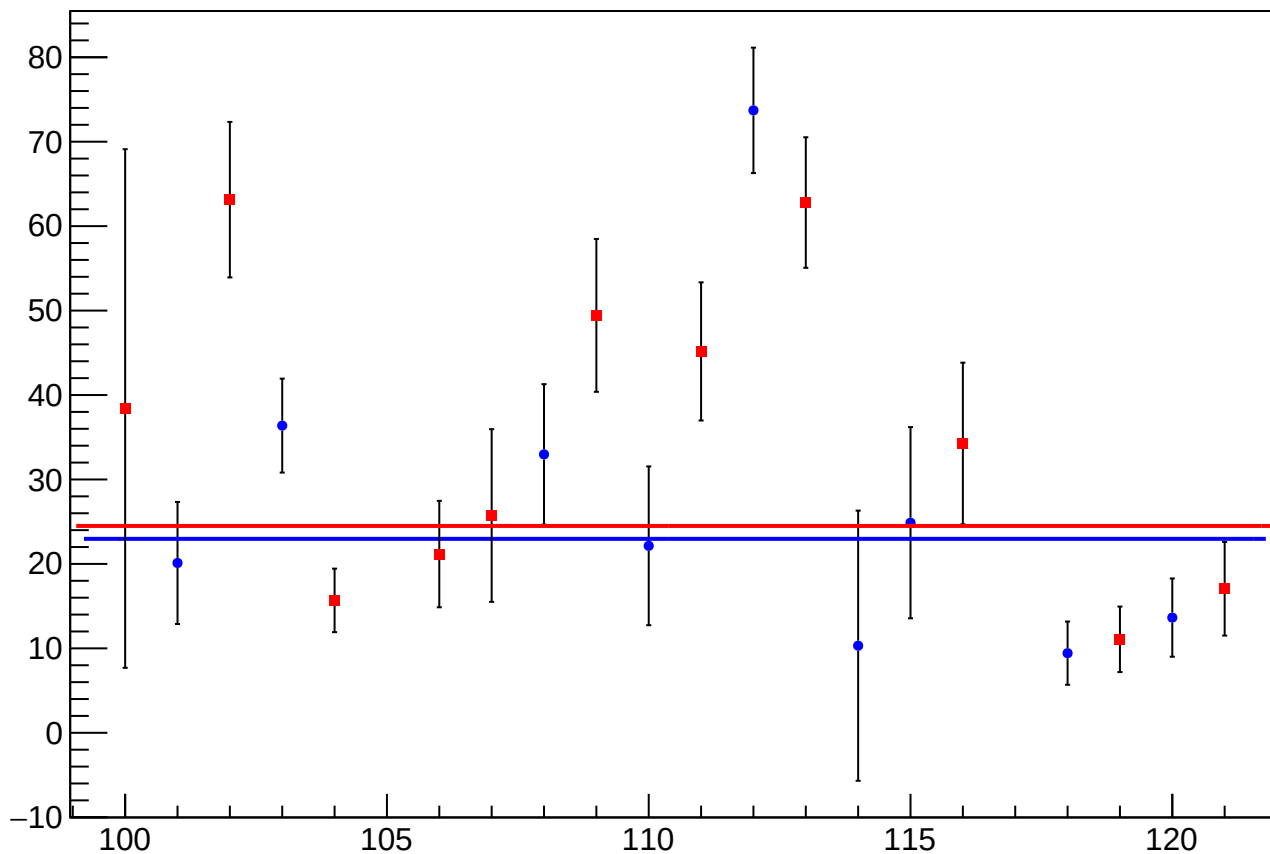
Right: -252.007 ± 1.435 χ^2/NDF : 3482.0/19

In: -258.911 ± 2.220 χ^2/NDF : 1476.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -252.007 ± 1.435 χ^2/NDF : 3482.0/19

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.969+/-2.108 χ^2/NDF : 71.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.498+/-1.917 χ^2/NDF : 76.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

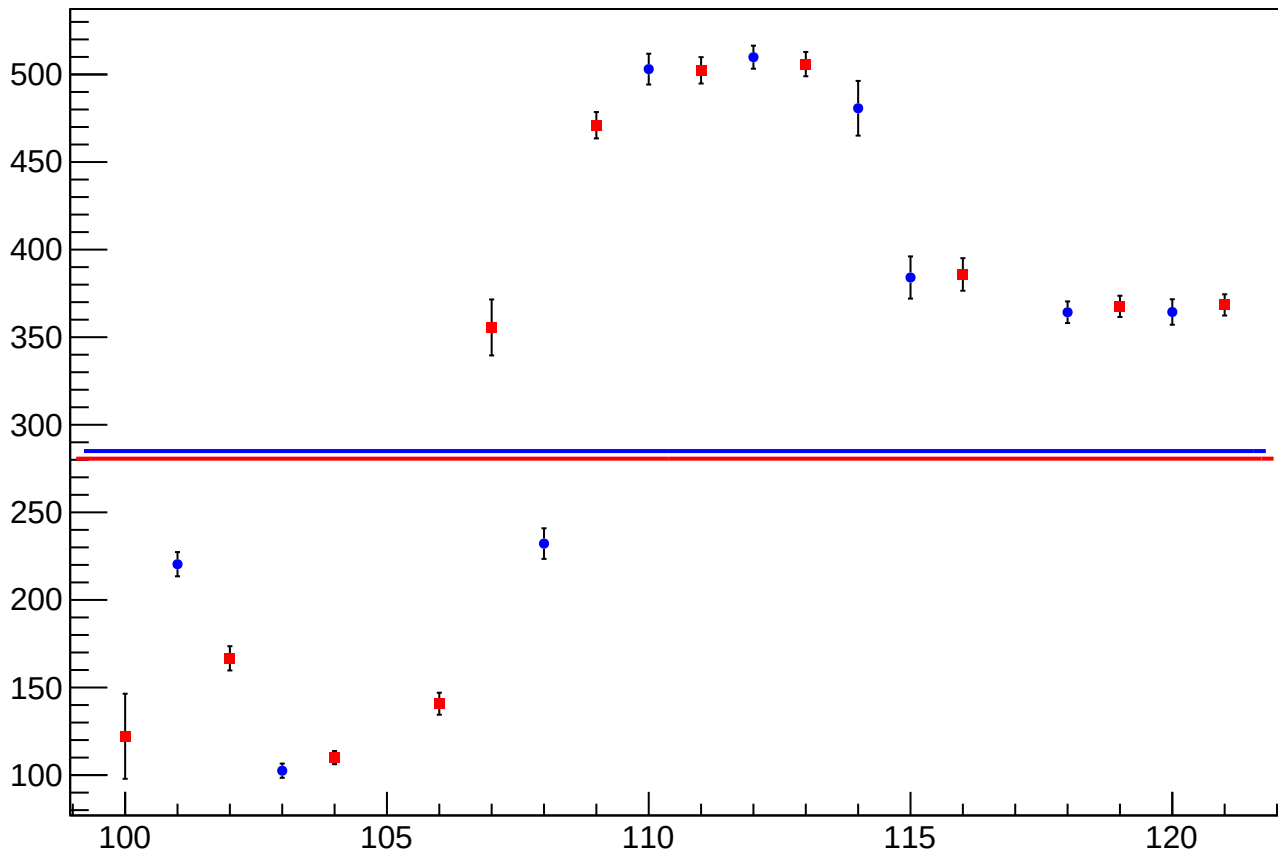
Right: 23.806+/-1.418 χ^2/NDF : 149.1/19

In: 22.969+/-2.108 χ^2/NDF : 71.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.806+/-1.418 χ^2/NDF : 149.1/19

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 284.993+/-2.315 χ^2/NDF : 4432.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.663+/-2.023 χ^2/NDF : 5985.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

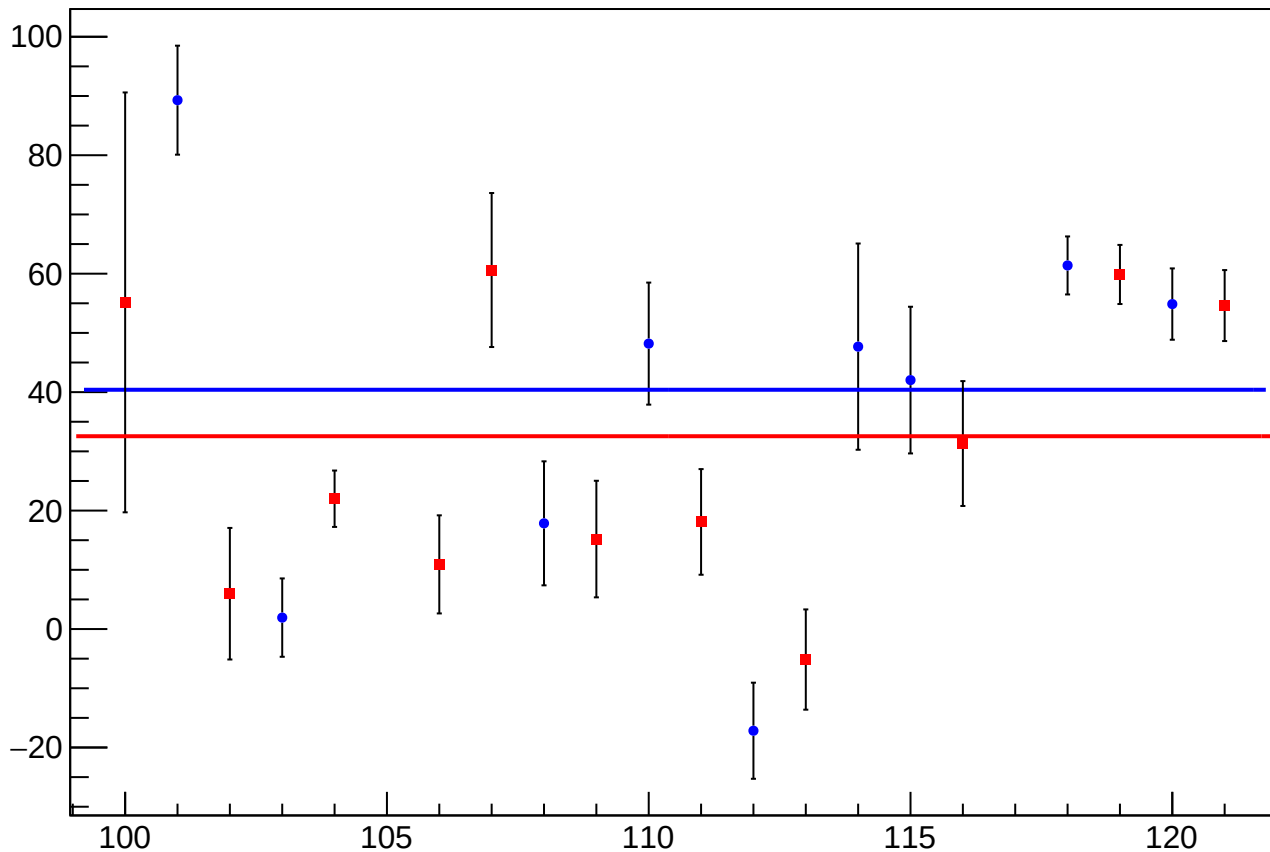
Right: 282.538+/-1.523 χ^2/NDF : 10420.4/19

In: 284.993+/-2.315 χ^2/NDF : 4432.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.538+/-1.523 χ^2/NDF : 10420.4/19

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.401 $\pm$ 2.604 χ^2 /NDF: 141.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.556 $\pm$ 2.310 χ^2 /NDF: 91.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

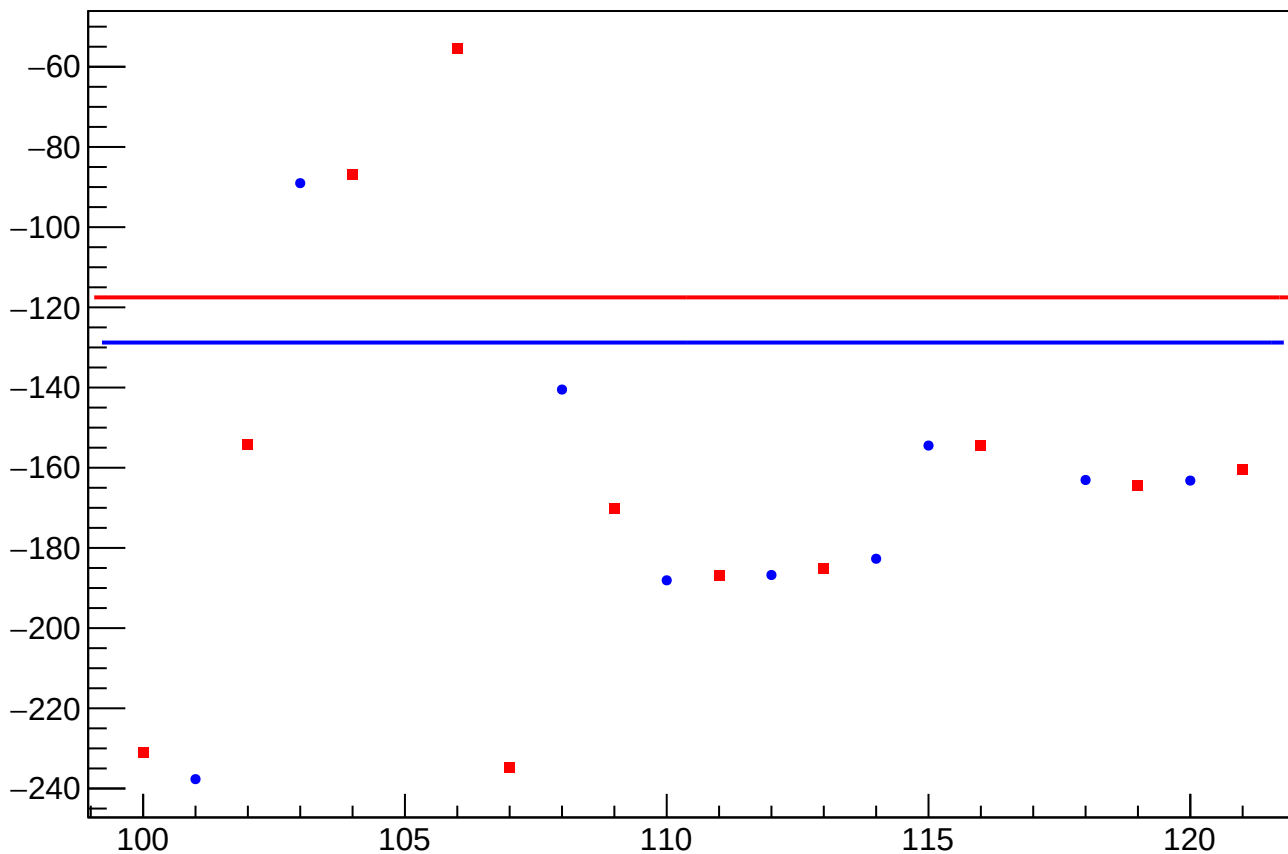
Right: 36.011 $\pm$ 1.728 χ^2 /NDF: 238.7/19

In: 40.401 $\pm$ 2.604 χ^2 /NDF: 141.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.011 $\pm$ 1.728 χ^2 /NDF: 238.7/19

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.780+/-0.126 χ^2/NDF : 156616.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -117.517+/-0.112 χ^2/NDF : 202095.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

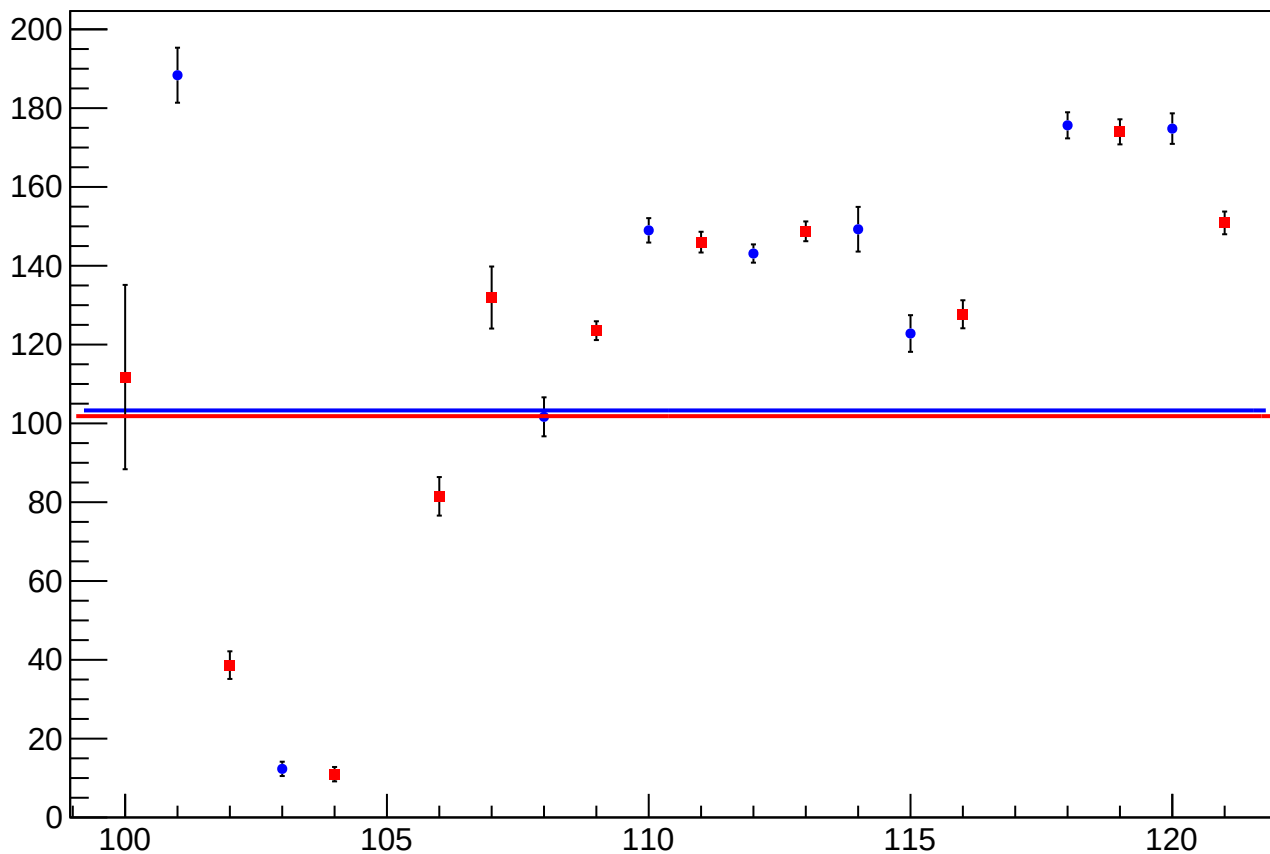
Right: -122.486+/-0.083 χ^2/NDF : 363199.8/19

In: -128.780+/-0.126 χ^2/NDF :156616.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -122.486+/-0.083 χ^2/NDF : 363199.8/19

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.289+/-1.060 χ^2/NDF : 4067.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.838+/-0.906 χ^2/NDF : 4400.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

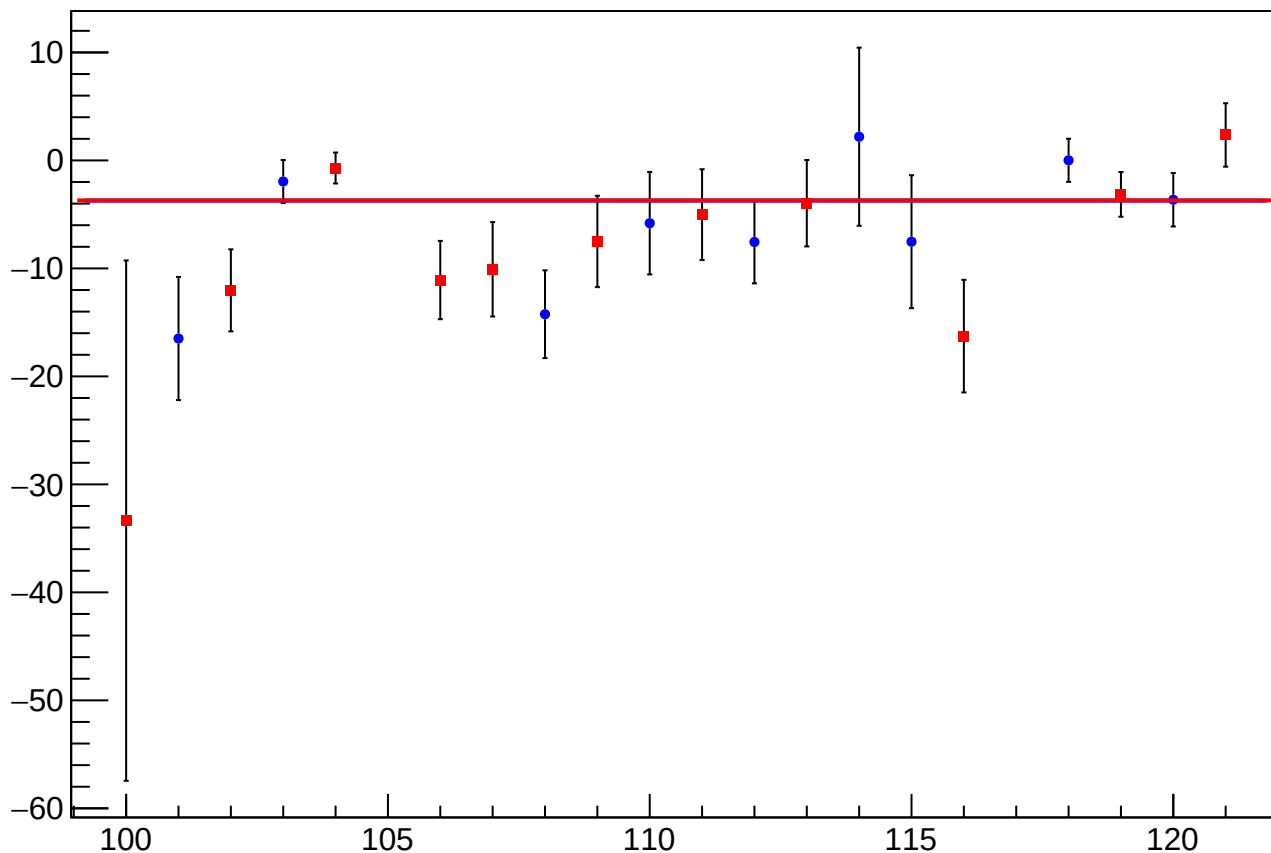
Right: 102.450+/-0.689 χ^2/NDF : 8468.4/19

In: 103.289+/-1.060 χ^2/NDF : 4067.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.450+/-0.689 χ^2/NDF : 8468.4/19

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.720+/-1.047 χ^2/NDF : 18.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.699+/-0.895 χ^2/NDF : 28.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

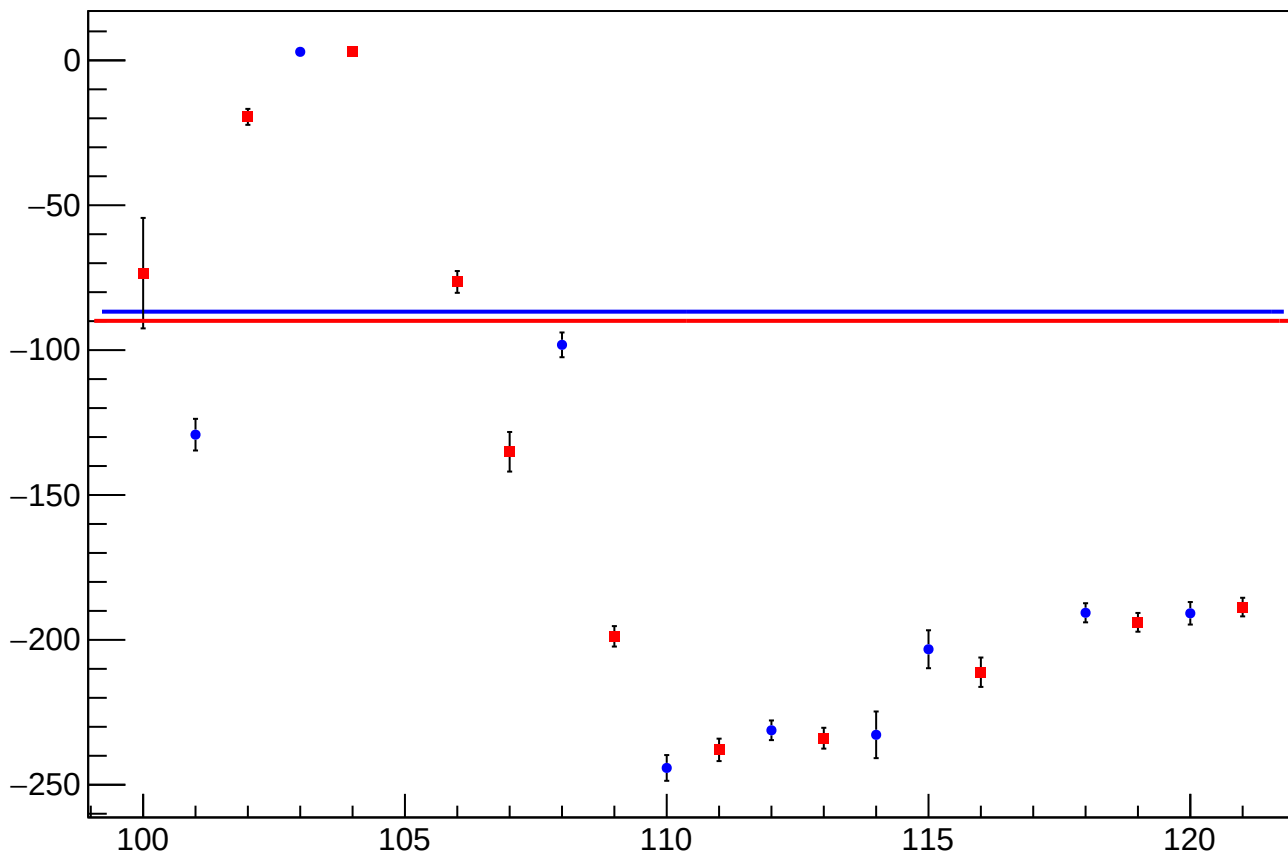
Right: -3.708+/-0.681 χ^2/NDF : 46.1/19

In: -3.720+/-1.047 χ^2/NDF : 18.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.708+/-0.681 χ^2/NDF : 46.1/19

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.727 $\pm$ 1.046 χ^2 /NDF: 9436.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -89.901 $\pm$ 0.927 χ^2 /NDF: 11436.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

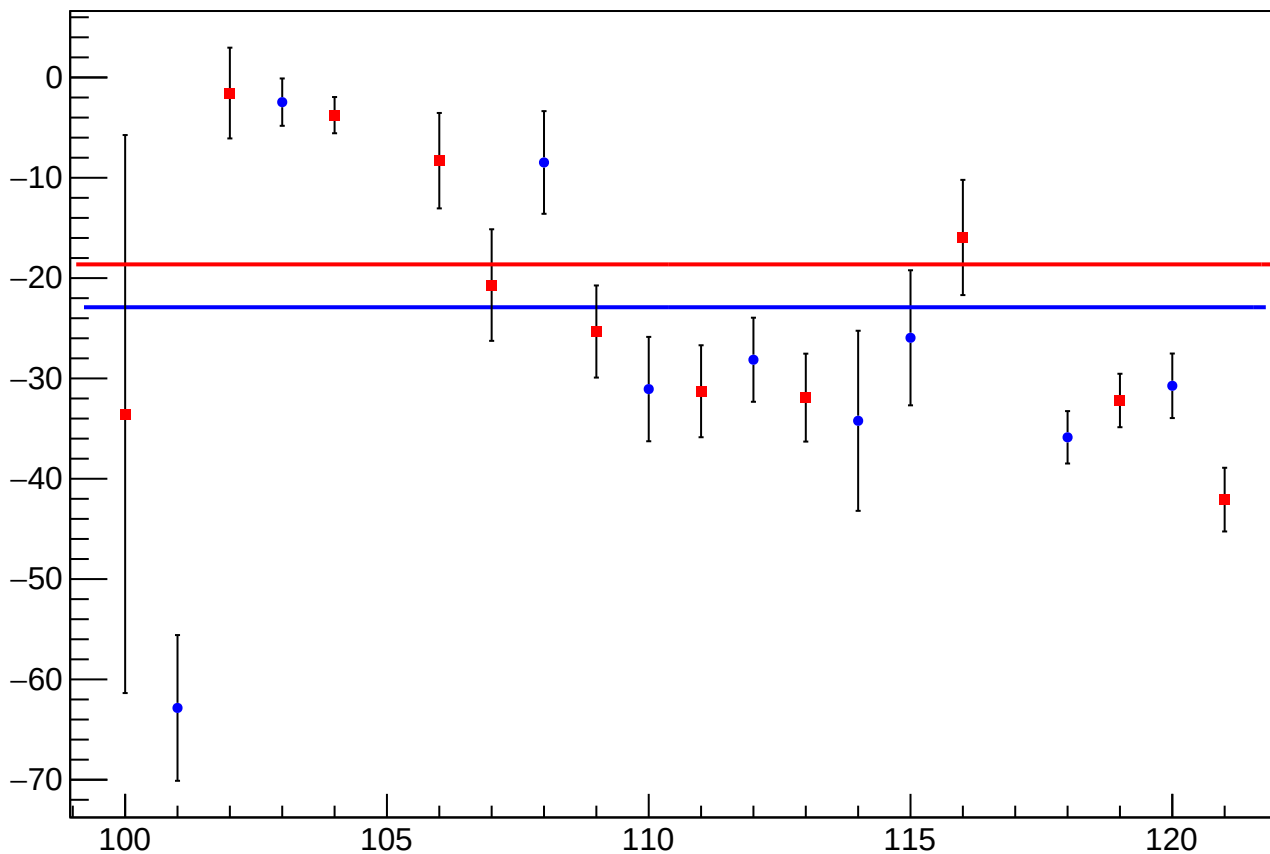
Right: -88.506 $\pm$ 0.694 χ^2 /NDF: 20877.8/19

In: -86.727 $\pm$ 1.046 χ^2 /NDF:9436.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -88.506 $\pm$ 0.694 χ^2 /NDF: 20877.8/19

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.905+/-1.282 χ^2/NDF : 149.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.632+/-1.084 χ^2/NDF : 186.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

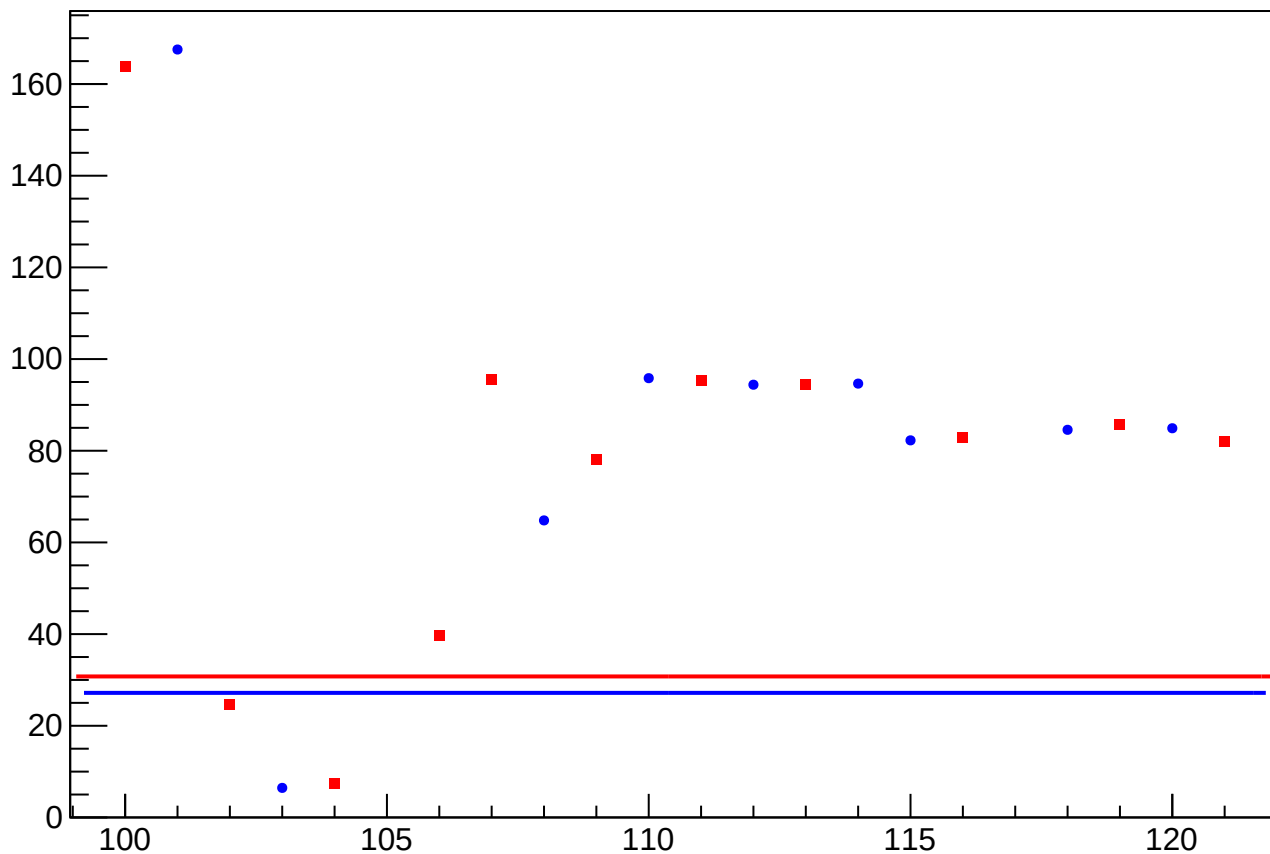
Right: -20.413+/-0.828 χ^2/NDF : 343.0/19

In: -22.905+/-1.282 χ^2/NDF : 149.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.413+/-0.828 χ^2/NDF : 343.0/19

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 27.179+/-0.051 χ^2/NDF : 562678.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.762+/-0.050 χ^2/NDF : 433867.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

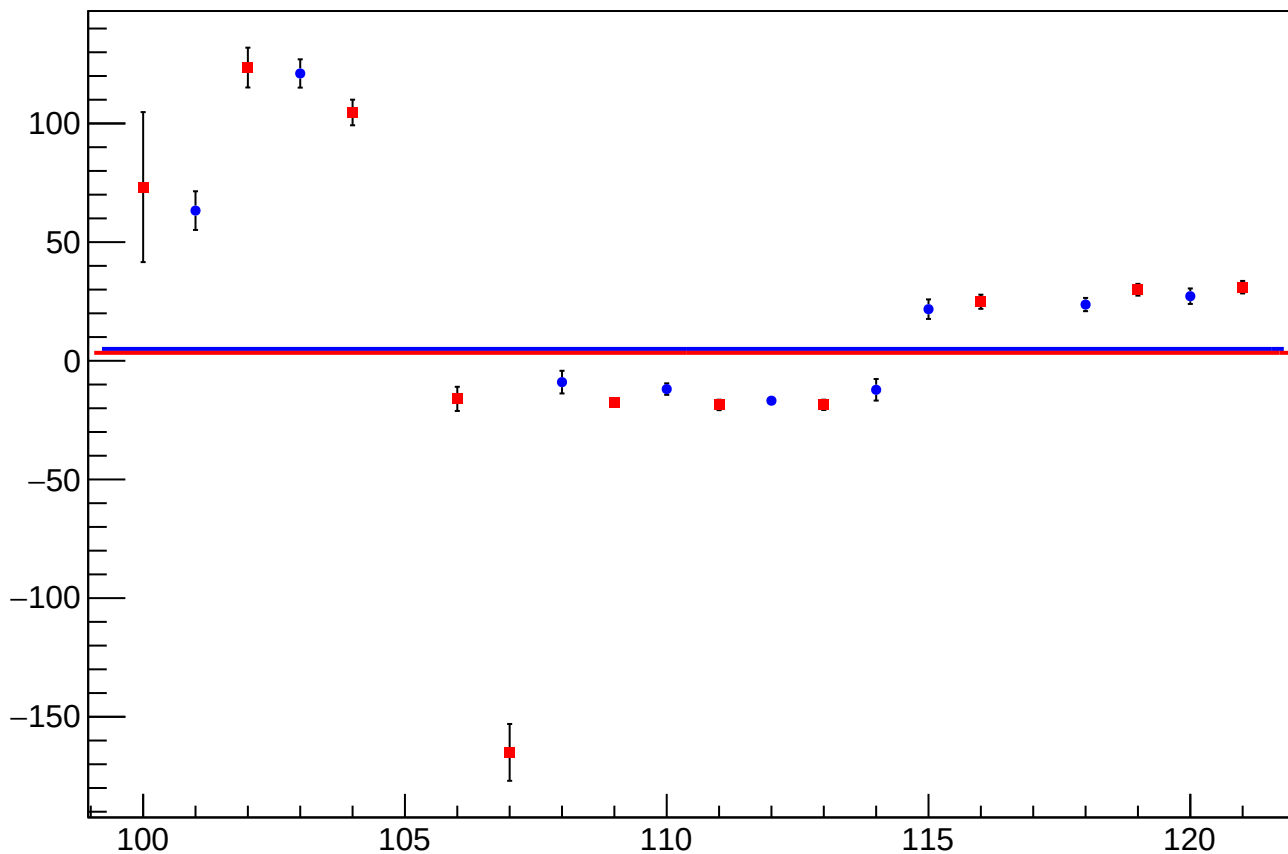
Right: 29.030+/-0.036 χ^2/NDF : 999068.2/19

In: 27.179+/-0.051 χ^2/NDF : 562678.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.030+/-0.036 χ^2/NDF : 999068.2/19

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.007+/-1.098 χ^2/NDF : 724.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.357+/-0.925 χ^2/NDF : 1358.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

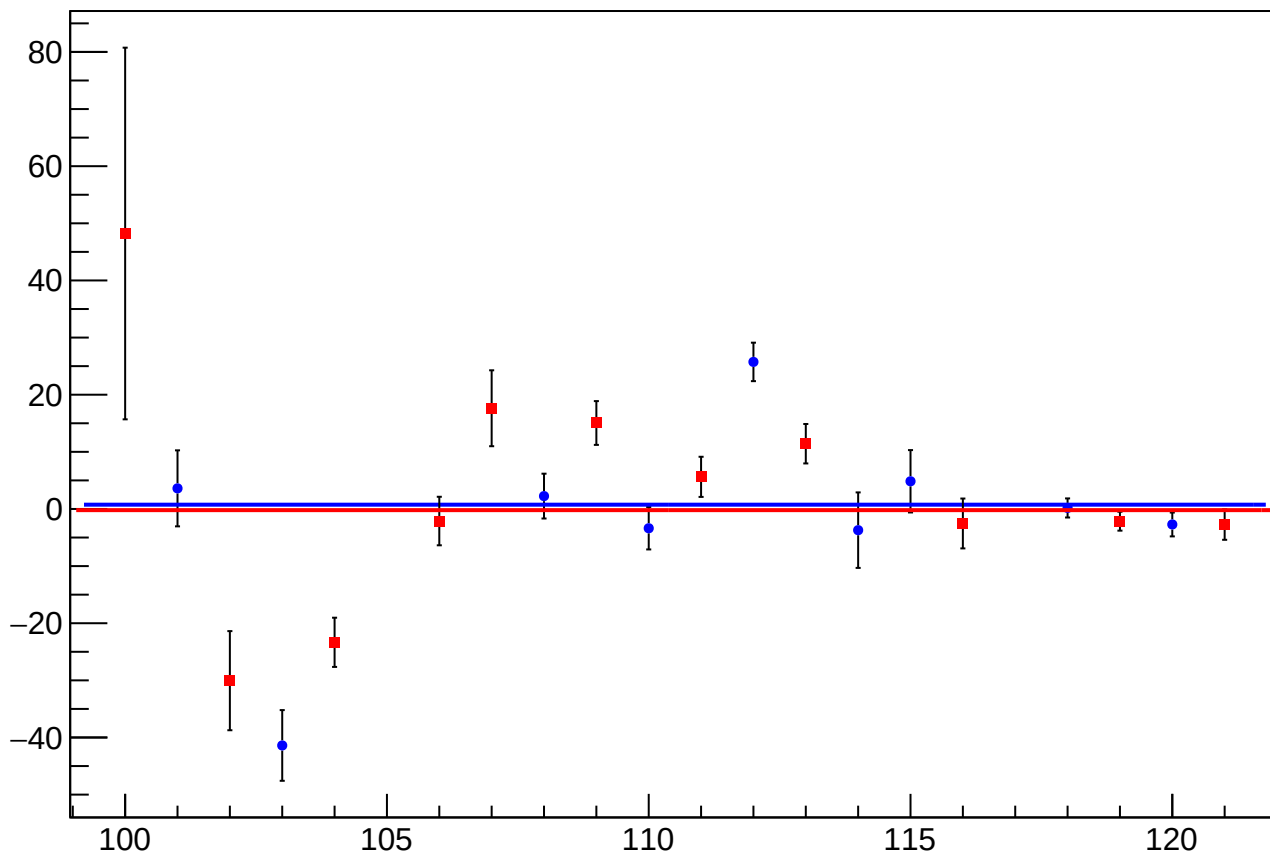
Right: 4.042+/-0.708 χ^2/NDF : 2084.3/19

In: 5.007+/-1.098 χ^2/NDF : 724.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.042+/-0.708 χ^2/NDF : 2084.3/19

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.751+/-1.043 χ^2/NDF : 106.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.205+/-1.032 χ^2/NDF : 82.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

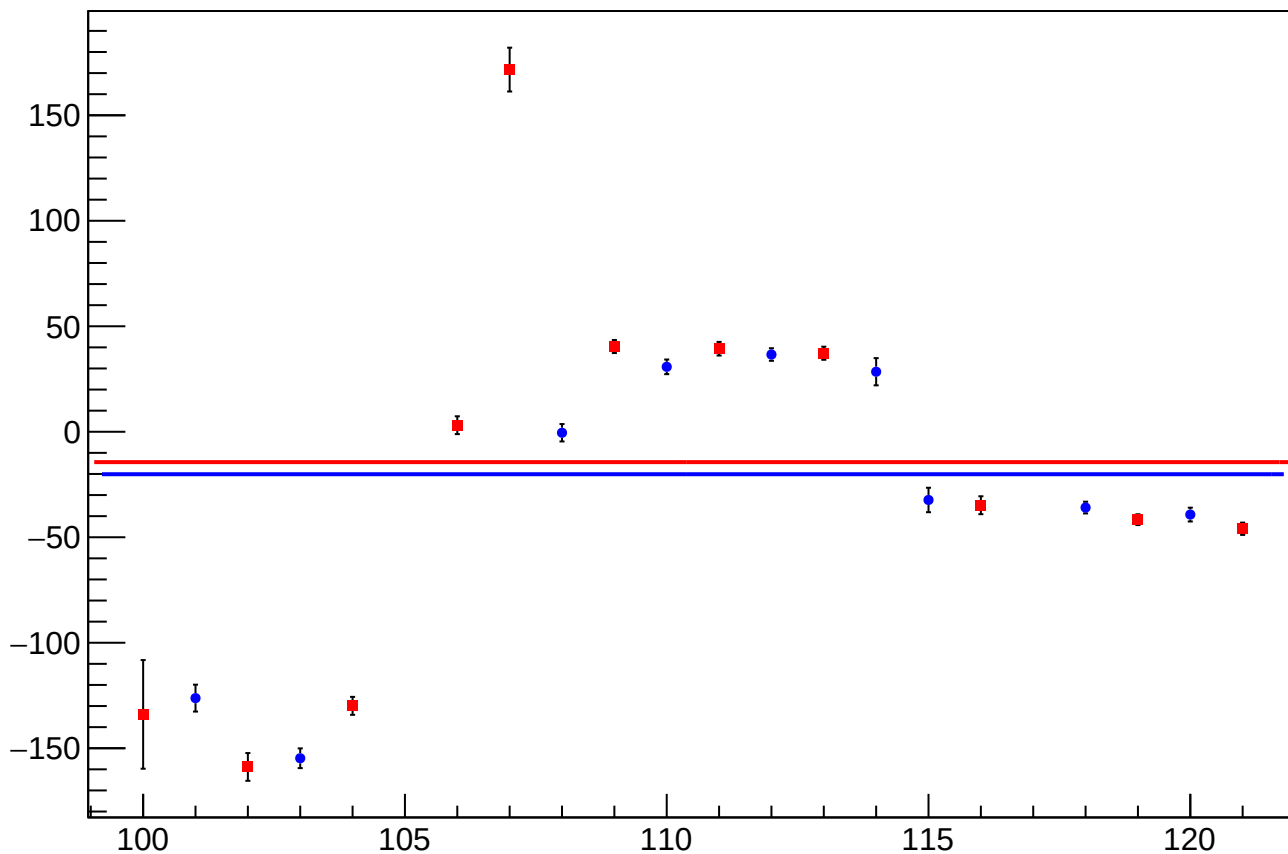
Right: 0.268+/-0.734 χ^2/NDF : 190.1/19

In: 0.751+/-1.043 χ^2/NDF : 106.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.268+/-0.734 χ^2/NDF : 190.1/19

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -20.124+/-1.289 χ^2/NDF : 1833.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.389+/-1.135 χ^2/NDF : 2701.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

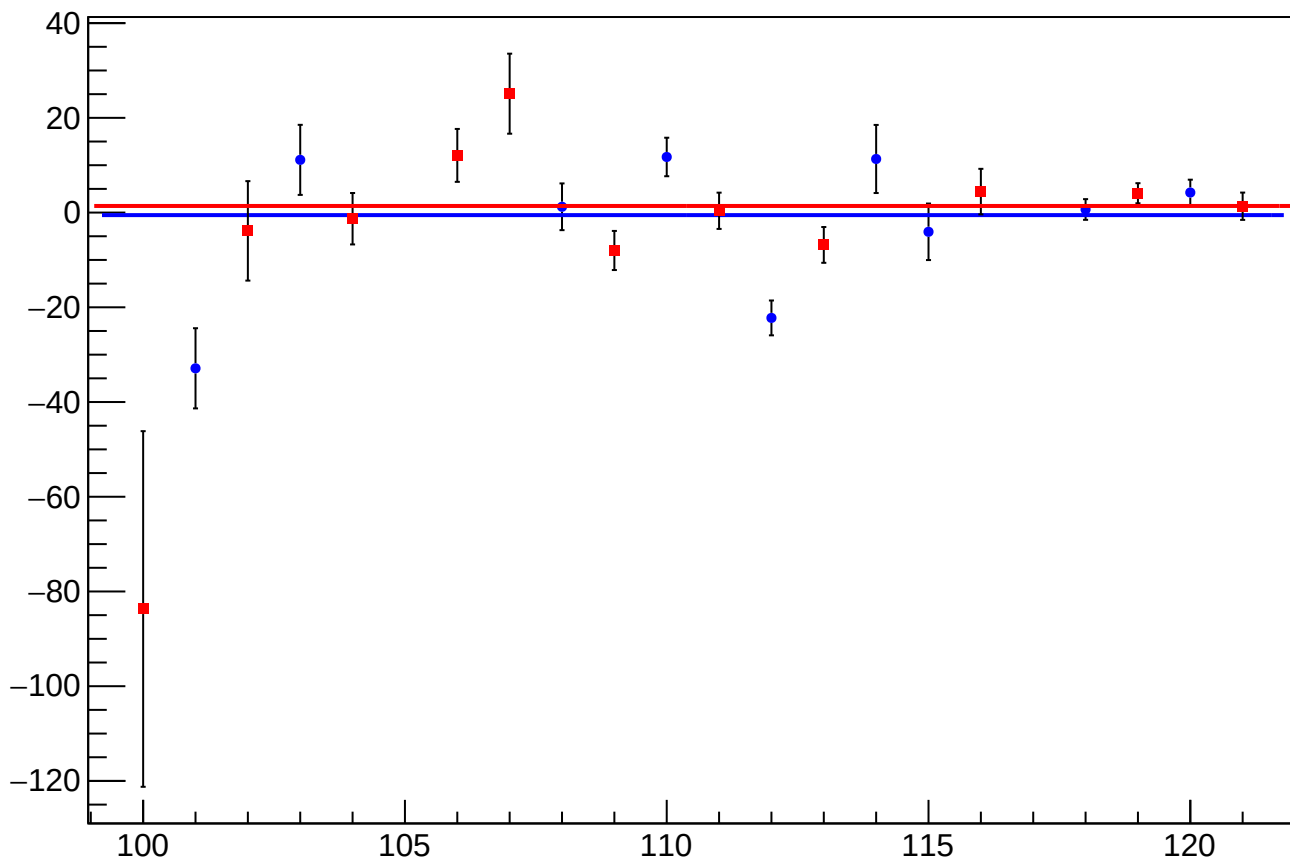
Right: -16.893+/-0.852 χ^2/NDF : 4546.6/19

In: -20.124+/-1.289 χ^2/NDF : 1833.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.893+/-0.852 χ^2/NDF : 4546.6/19

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.536 ± 1.290 χ^2/NDF : 67.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.396 ± 1.219 χ^2/NDF : 29.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

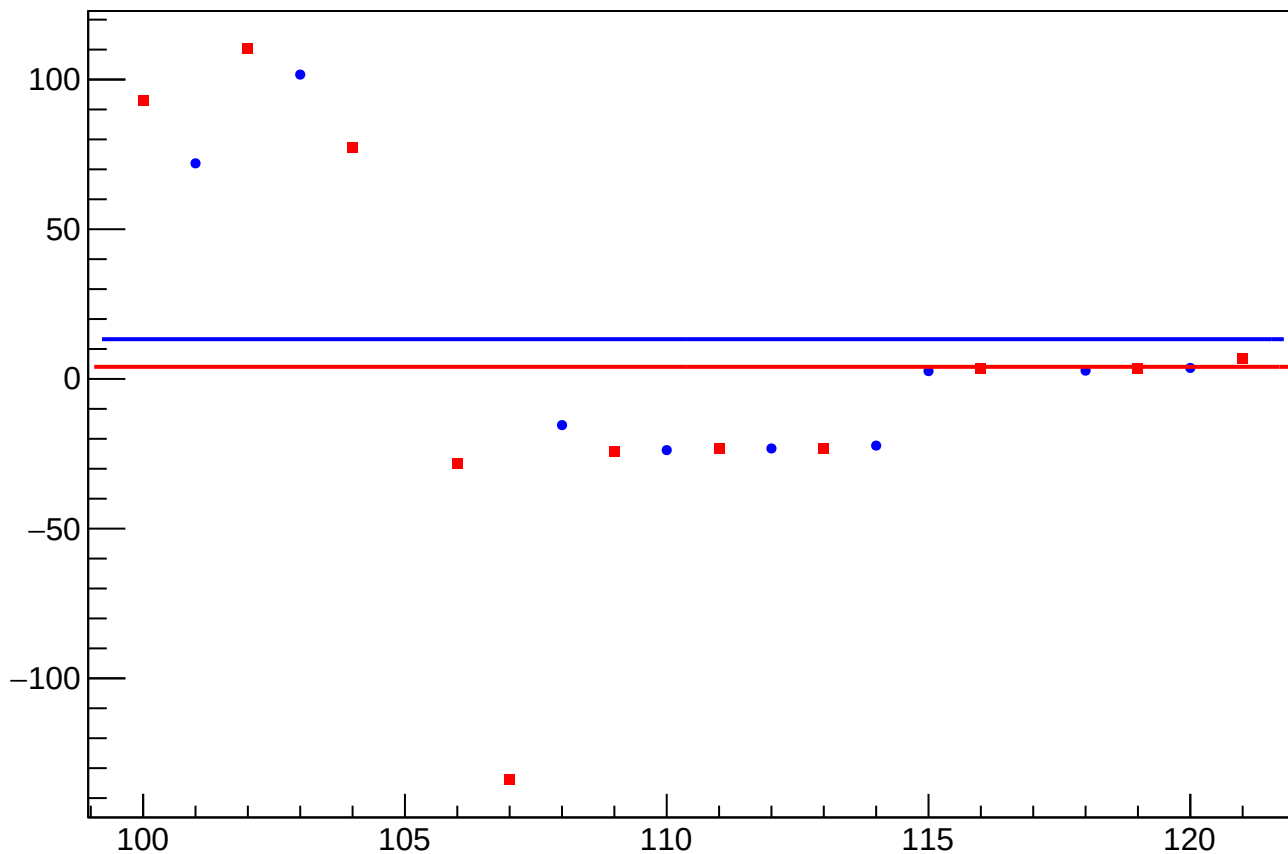
Right: 0.484 ± 0.886 χ^2/NDF : 98.0/19

In: -0.536 ± 1.290 χ^2/NDF : 67.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.484 ± 0.886 χ^2/NDF : 98.0/19

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.271+/-0.083 χ^2/NDF : 306799.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.043+/-0.076 χ^2/NDF : 446242.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

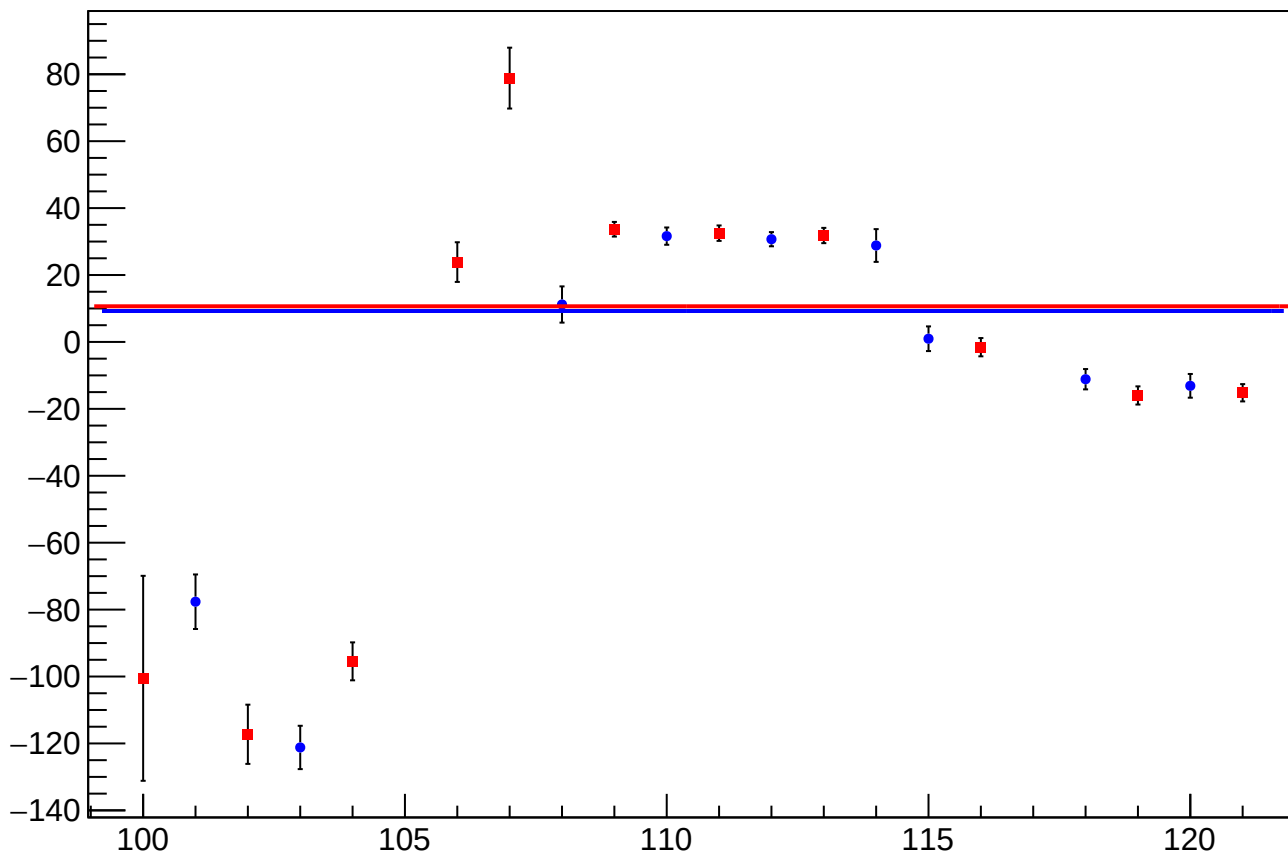
Right: 8.233+/-0.056 χ^2/NDF : 759757.5/19

In: 13.271+/-0.083 χ^2/NDF : 306799.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.233+/-0.056 χ^2/NDF : 759757.5/19

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.245+/-1.156 χ^2/NDF : 803.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.651+/-0.957 χ^2/NDF : 1135.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

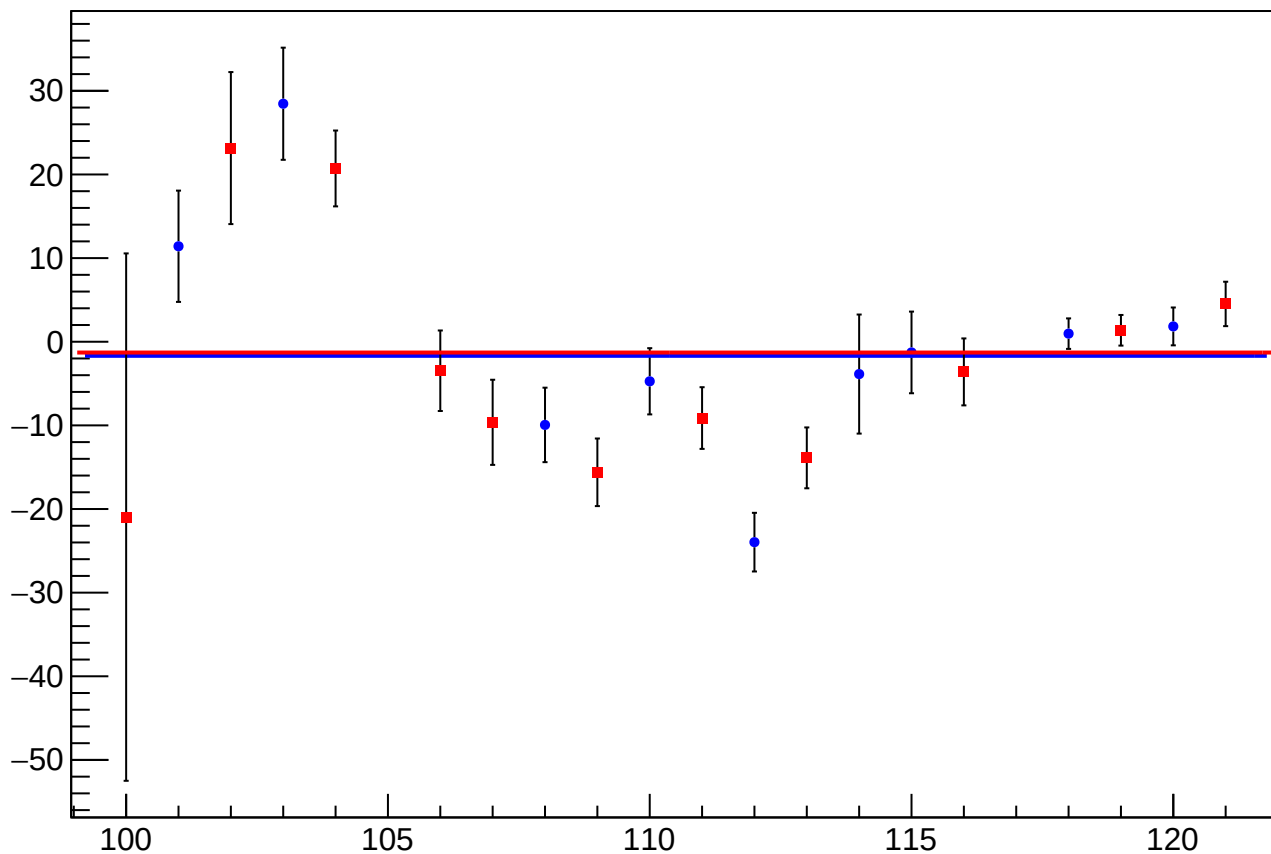
Right: 10.079+/-0.737 χ^2/NDF : 1939.7/19

In: 9.245+/-1.156 χ^2/NDF : 803.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.079+/-0.737 χ^2/NDF : 1939.7/19

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.682+/-1.120 χ^2/NDF : 73.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.291+/-1.081 χ^2/NDF : 70.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

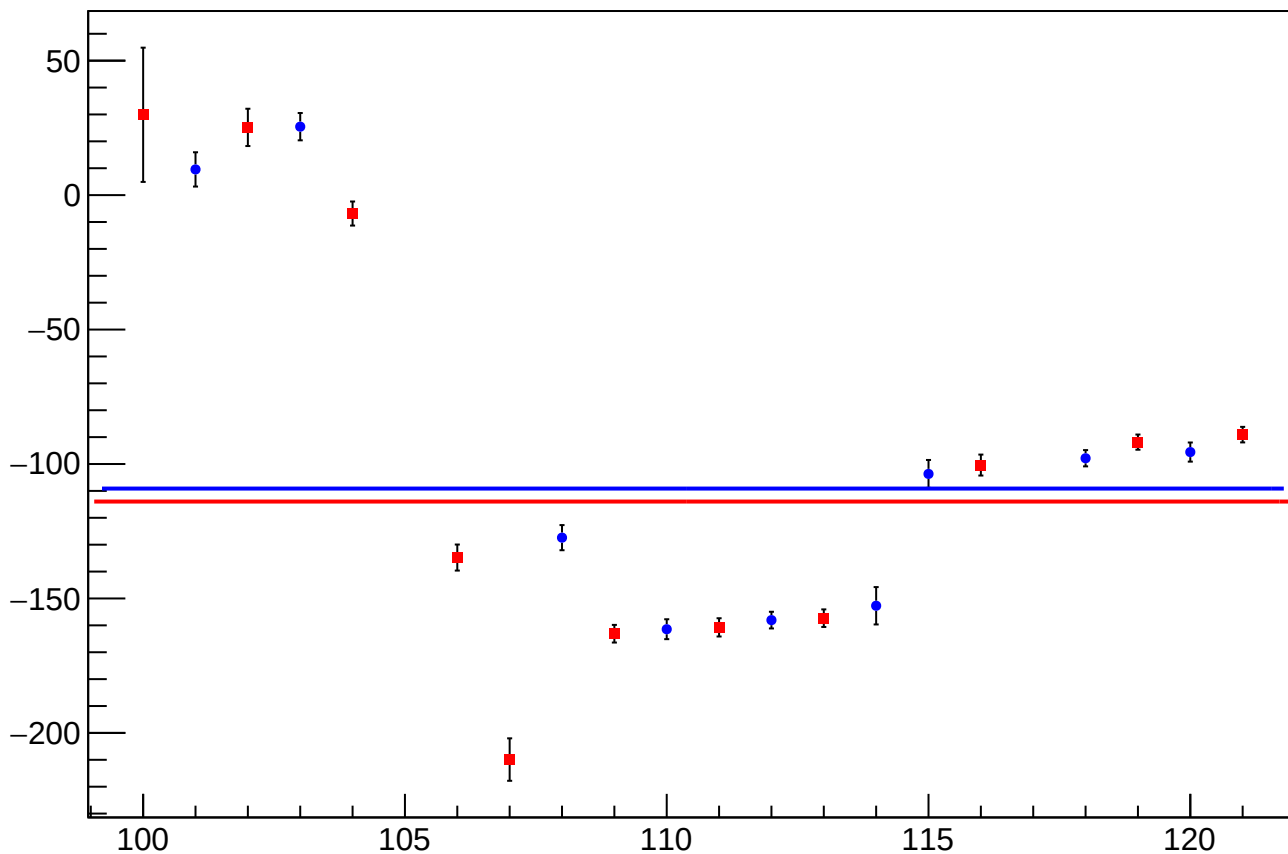
Right: -1.480+/-0.778 χ^2/NDF : 143.5/19

In: -1.682+/-1.120 χ^2/NDF : 73.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.480+/-0.778 χ^2/NDF : 143.5/19

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -109.129+/-1.371 χ^2 /NDF: 1581.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -113.960+/-1.182 χ^2 /NDF: 1913.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

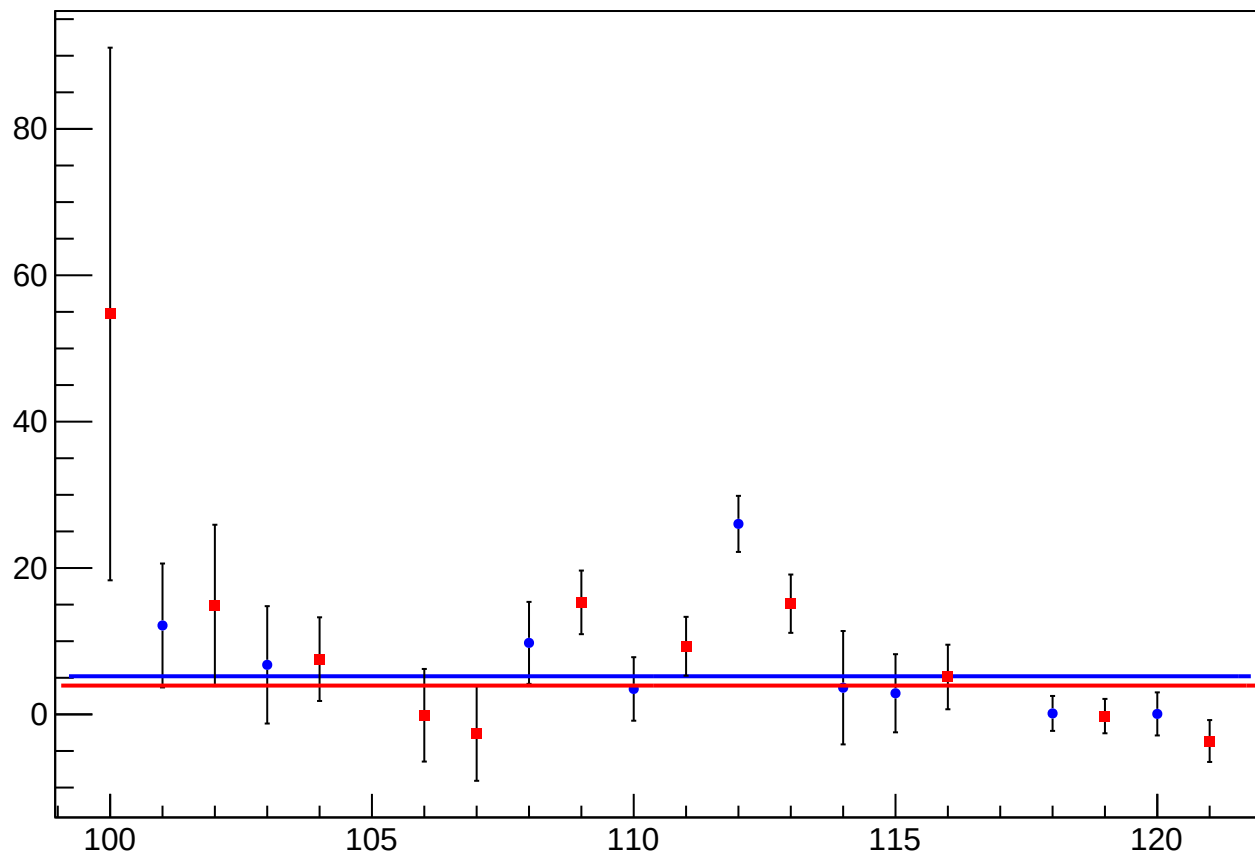
Right: -111.899+/-0.895 χ^2 /NDF: 3501.9/19

In: -109.129+/-1.371 χ^2 /NDF:1581.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -111.899+/-0.895 χ^2 /NDF: 3501.9/19

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.209+/-1.380 χ^2/NDF : 38.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.937+/-1.269 χ^2/NDF : 31.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

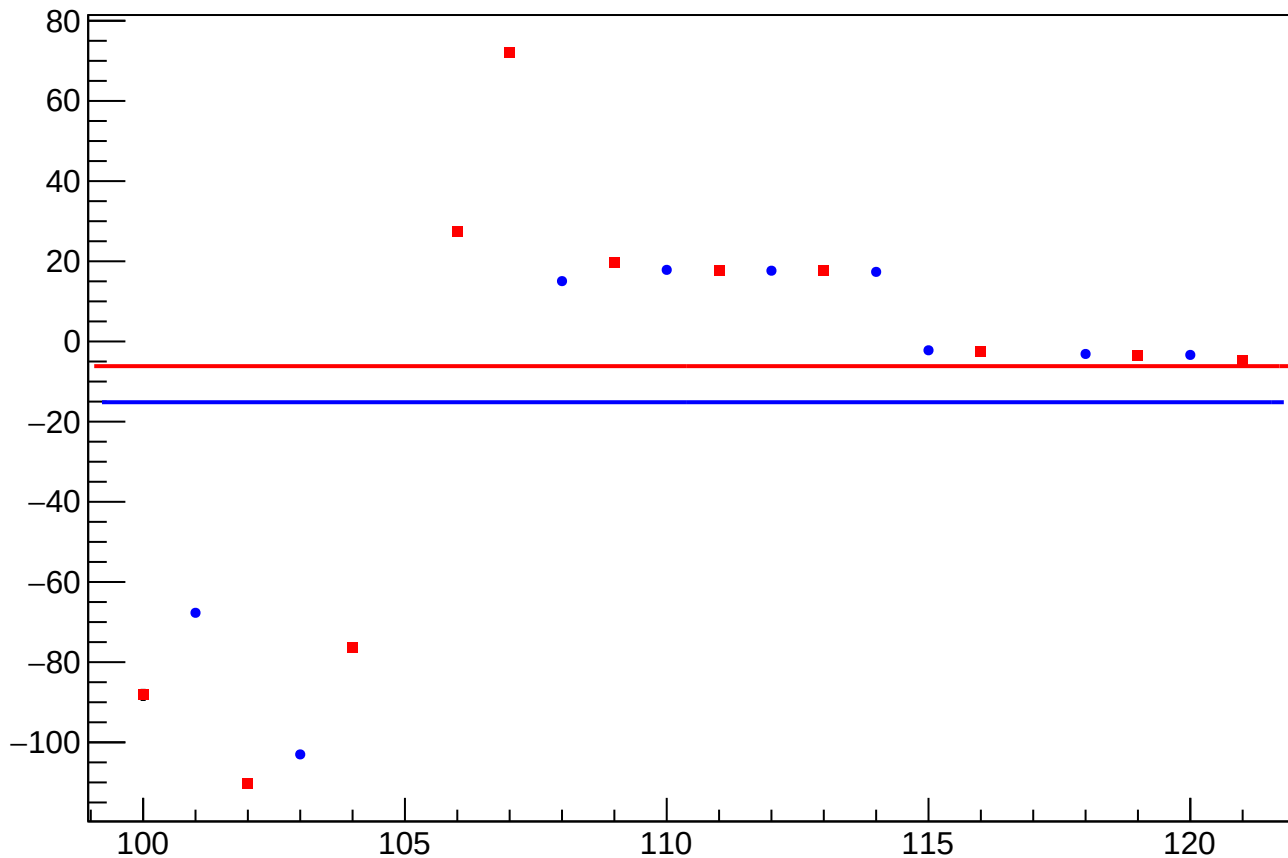
Right: 4.520+/-0.934 χ^2/NDF : 70.9/19

In: 5.209+/-1.380 χ^2/NDF : 38.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.520+/-0.934 χ^2/NDF : 70.9/19

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.157+/-0.090 χ^2/NDF : 253062.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.157+/-0.079 χ^2/NDF : 338787.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

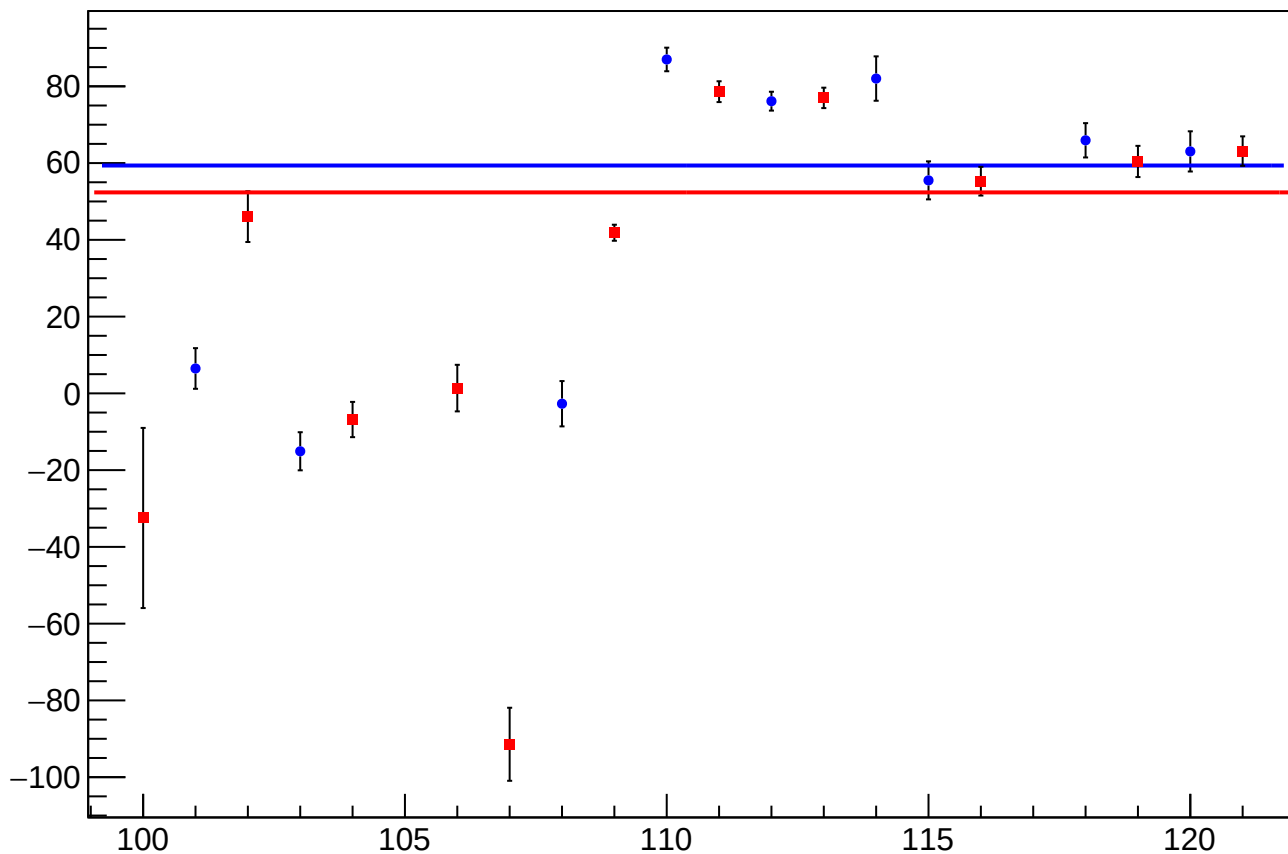
Right: -10.116+/-0.059 χ^2/NDF : 597500.1/19

In: -15.157+/-0.090 χ^2/NDF : 253062.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.116+/-0.059 χ^2/NDF : 597500.1/19

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 59.365+/-1.369 χ^2/NDF : 581.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.360+/-1.107 χ^2/NDF : 695.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

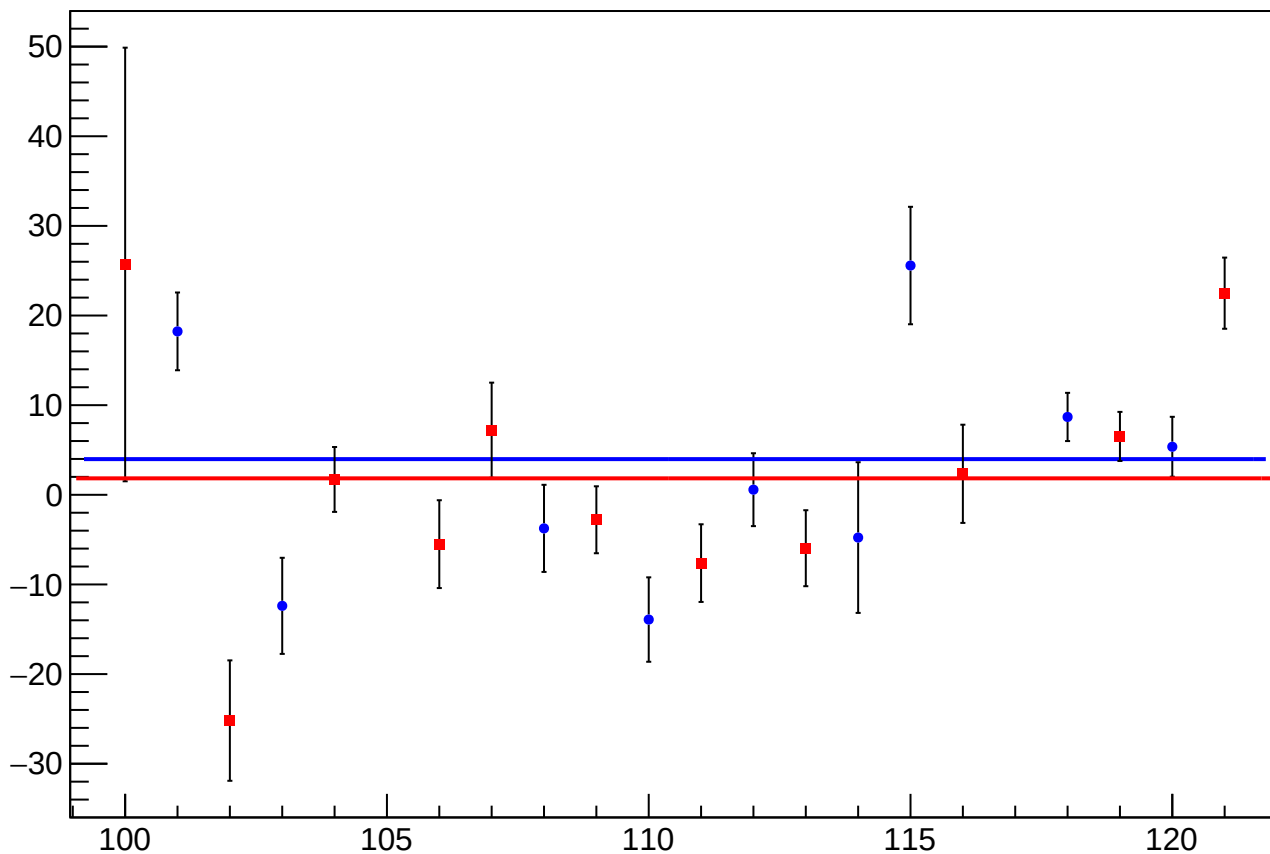
Right: 55.130+/-0.861 χ^2/NDF : 1292.8/19

In: 59.365+/-1.369 χ^2/NDF : 581.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.130+/-0.861 χ^2/NDF : 1292.8/19

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.981+/-1.413 χ^2/NDF : 53.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.836+/-1.304 χ^2/NDF : 60.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

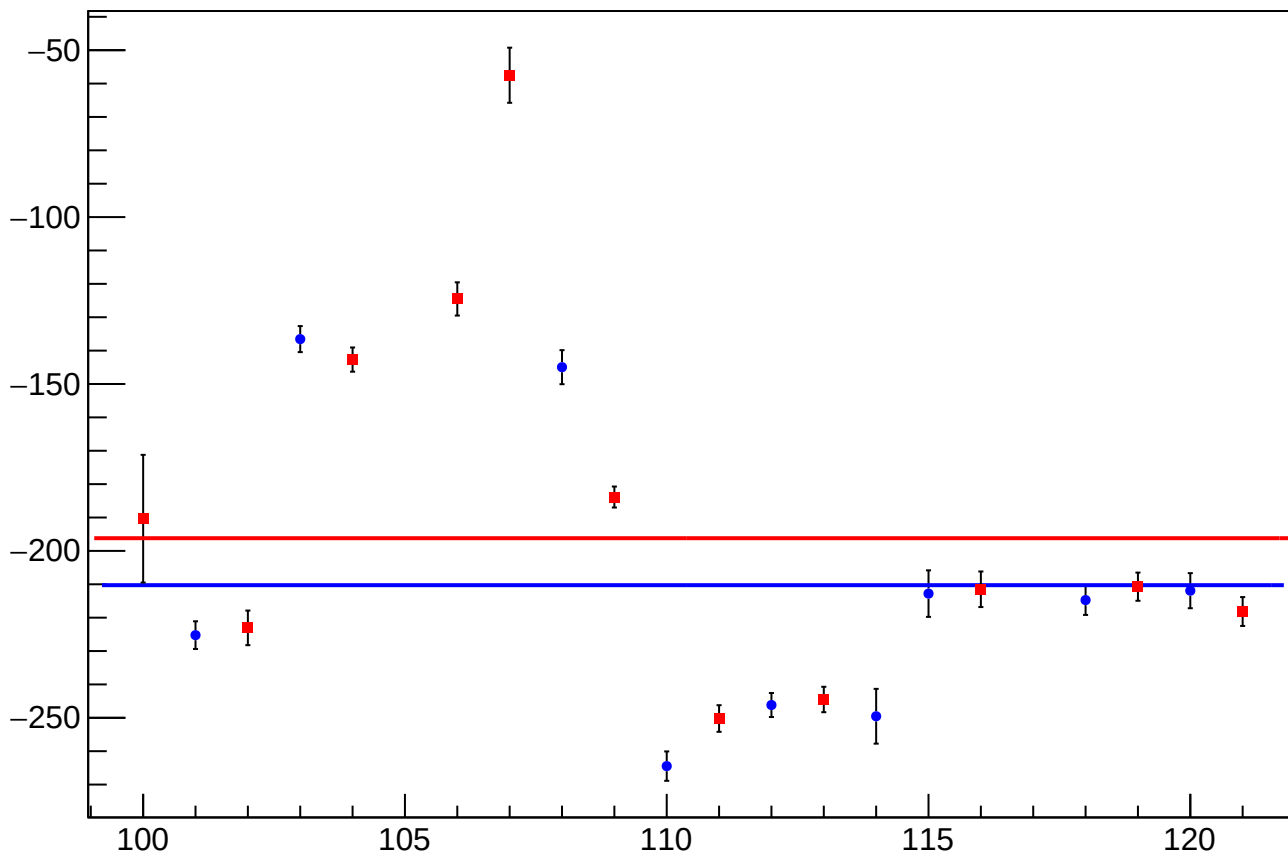
Right: 2.823+/-0.958 χ^2/NDF : 114.3/19

In: 3.981+/-1.413 χ^2/NDF : 53.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.823+/-0.958 χ^2/NDF : 114.3/19

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -210.267+/-1.555 χ^2/NDF : 810.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -196.194+/-1.350 χ^2/NDF : 1140.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

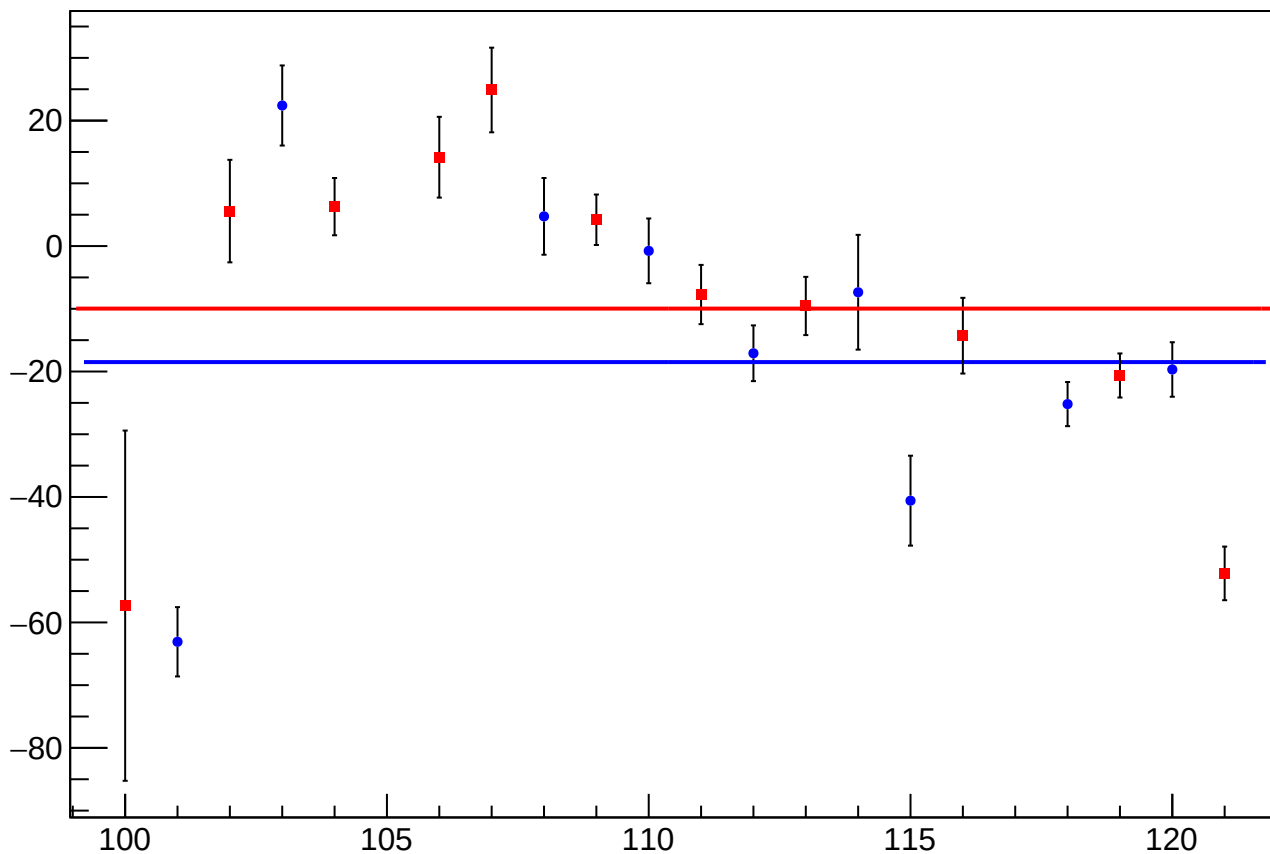
Right: -202.240+/-1.019 χ^2/NDF : 1997.3/19

In: -210.267+/-1.555 χ^2/NDF : 810.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.240+/-1.019 χ^2/NDF : 1997.3/19

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.496 ± 1.722 $\chi^2/\text{NDF}: 147.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.969 ± 1.531 $\chi^2/\text{NDF}: 179.8/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

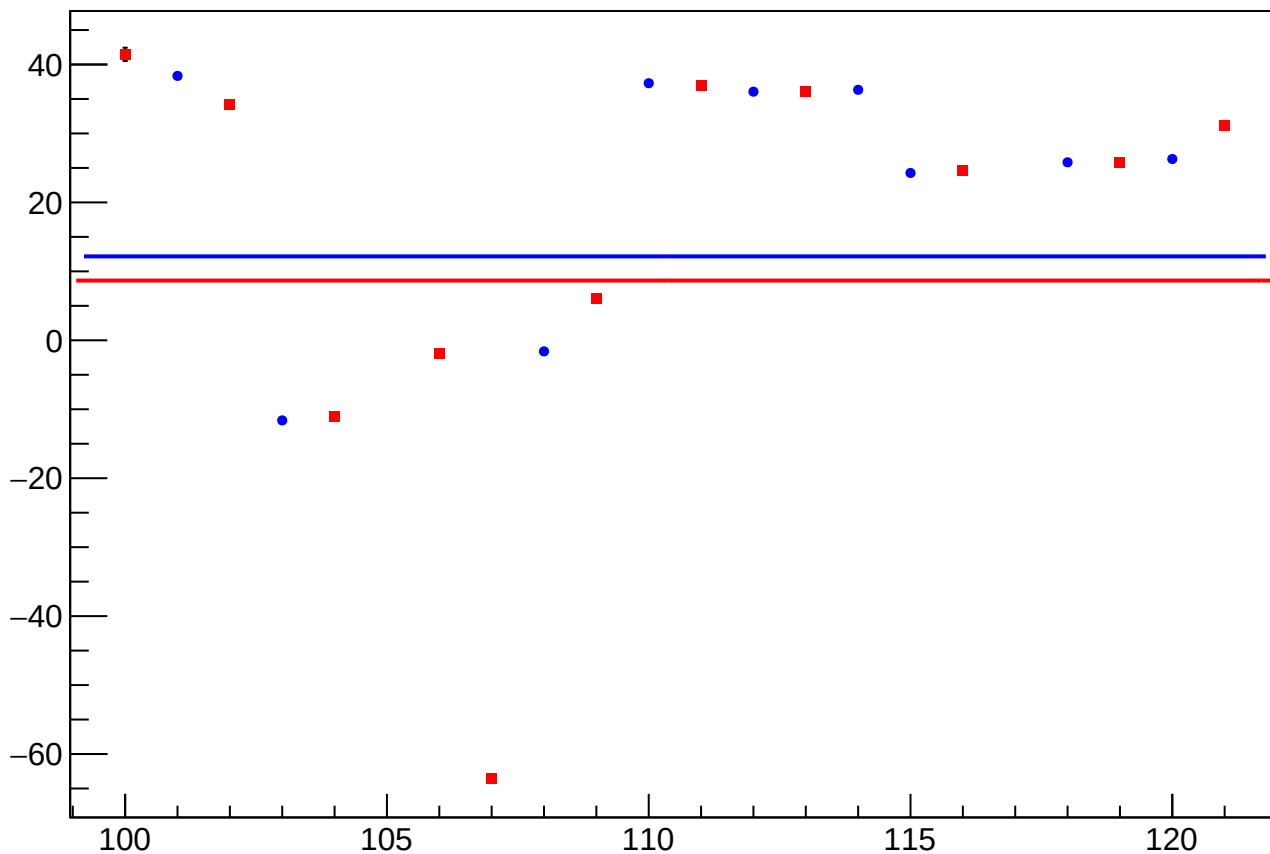
Right: -13.734 ± 1.144 $\chi^2/\text{NDF}: 340.7/19$

In: -18.496 ± 1.722 $\chi^2/\text{NDF}: 147.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -13.734 ± 1.144 $\chi^2/\text{NDF}: 340.7/19$

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.173+/-0.092 χ^2/NDF : 53552.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.668+/-0.082 χ^2/NDF : 100788.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

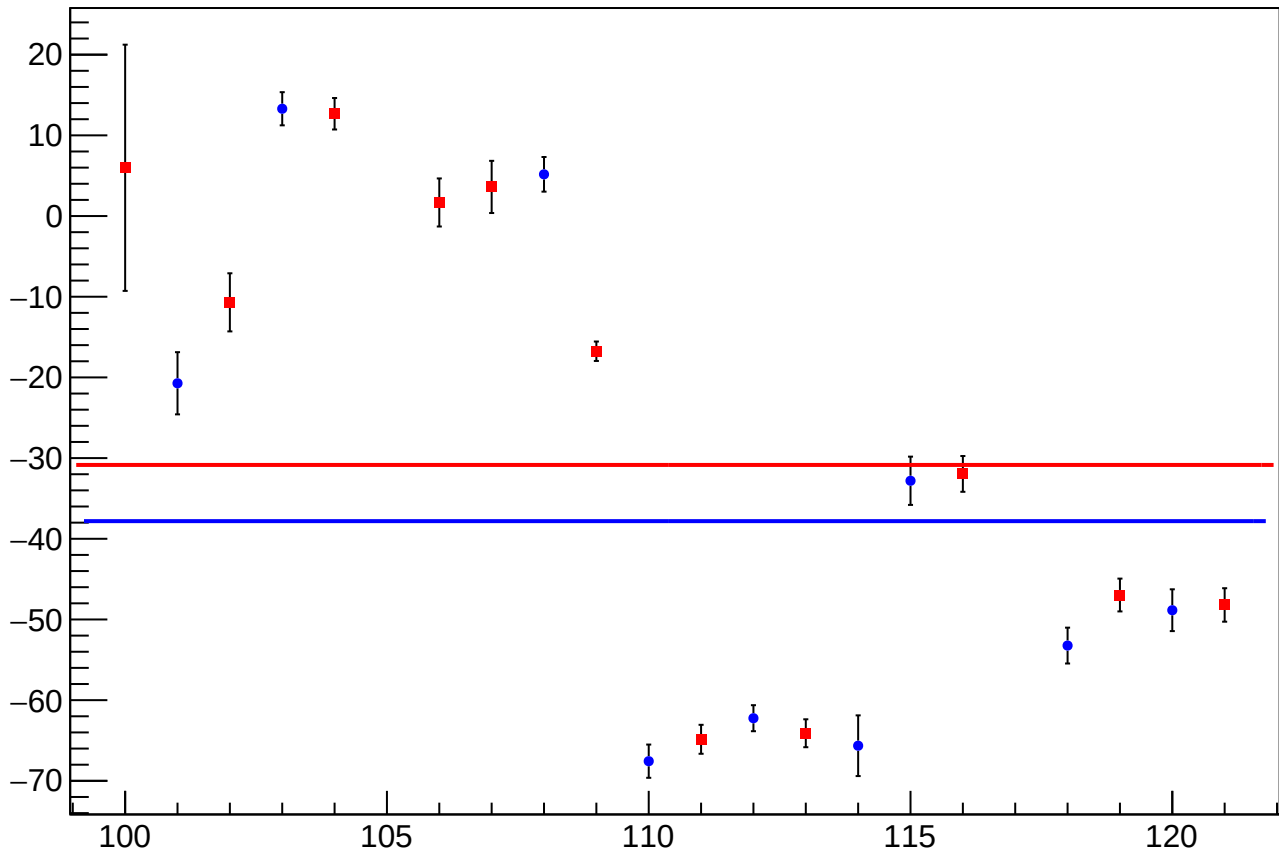
Right: 10.219+/-0.061 χ^2/NDF : 155145.1/19

In: 12.173+/-0.092 χ^2/NDF : 53552.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.219+/-0.061 χ^2/NDF : 155145.1/19

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.813 $\pm$ 0.773 χ^2 /NDF: 1600.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.848 $\pm$ 0.624 χ^2 /NDF: 1766.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

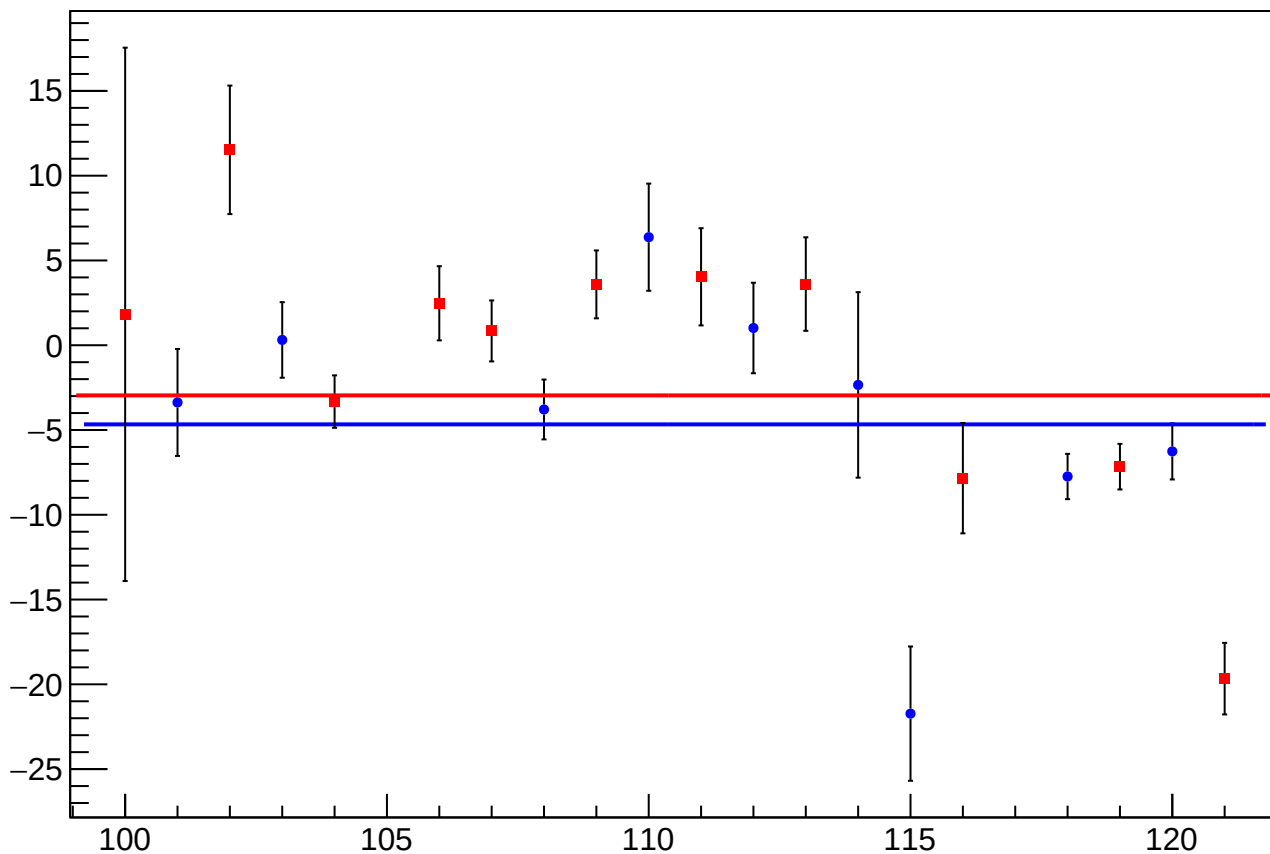
Right: -33.600 $\pm$ 0.486 χ^2 /NDF: 3416.6/19

In: -37.813 $\pm$ 0.773 χ^2 /NDF:1600.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.600 $\pm$ 0.486 χ^2 /NDF: 3416.6/19

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.667 $\pm$ 0.728 χ^2 /NDF: 47.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.958 $\pm$ 0.648 χ^2 /NDF: 122.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

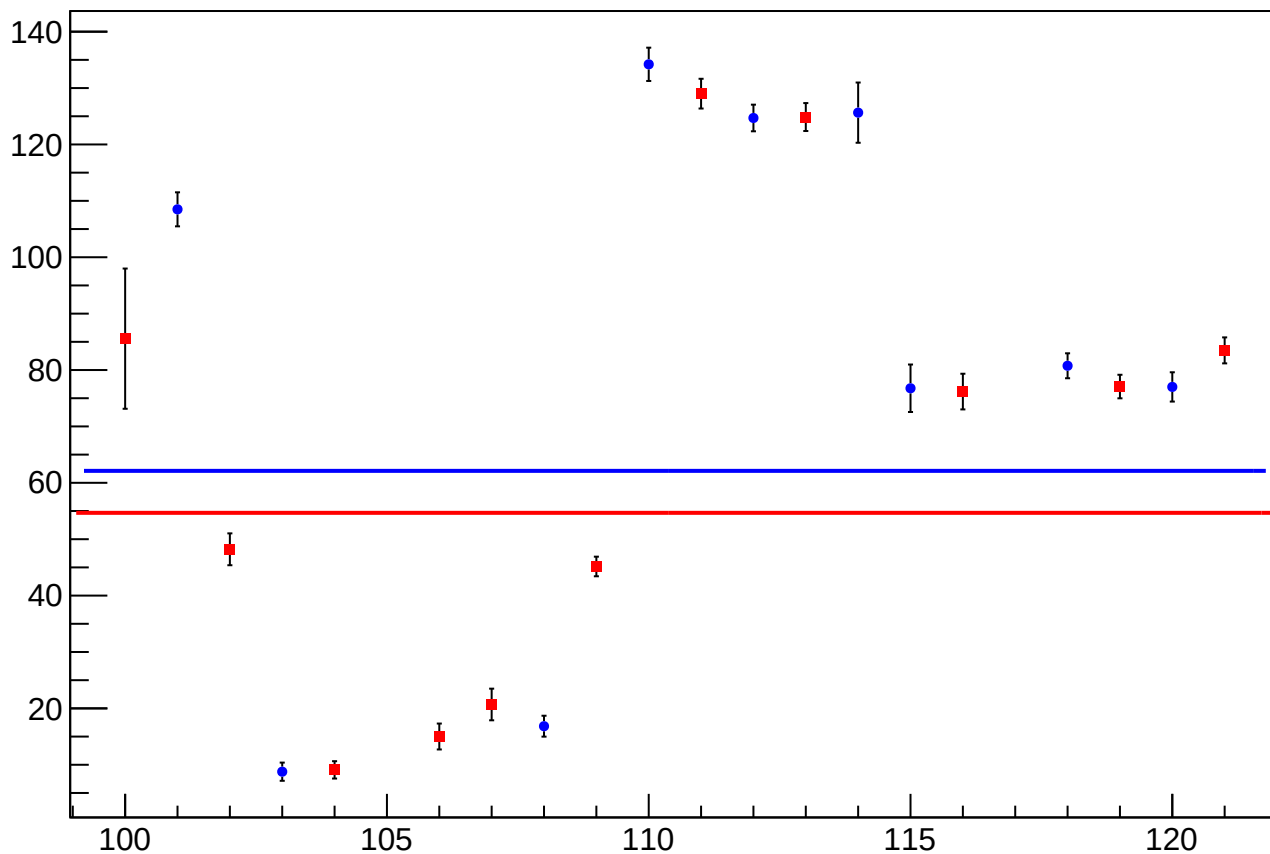
Right: -3.713 $\pm$ 0.484 χ^2 /NDF: 172.6/19

In: -4.667 $\pm$ 0.728 χ^2 /NDF:47.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.713 $\pm$ 0.484 χ^2 /NDF: 172.6/19

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 62.119+/-0.810 χ^2/NDF : 3481.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.676+/-0.703 χ^2/NDF : 3278.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

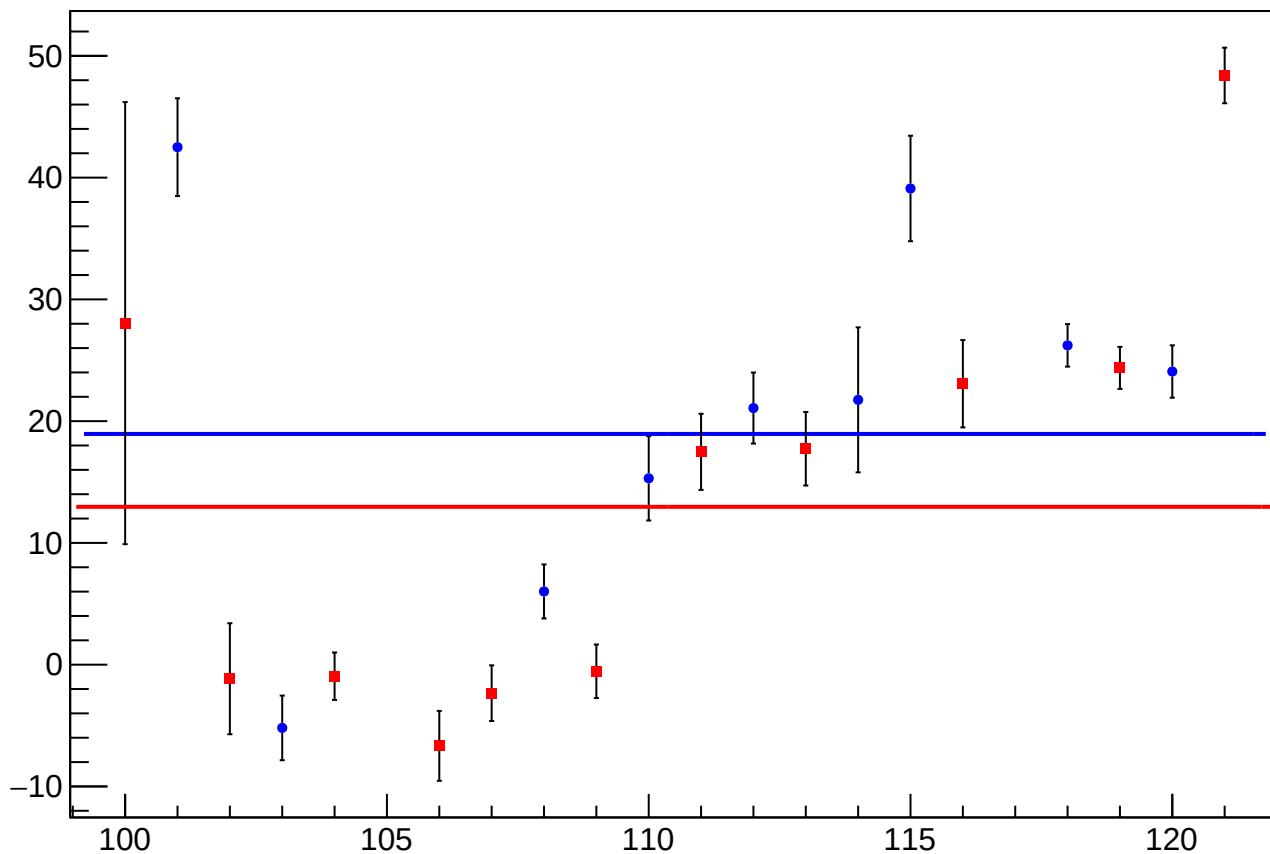
Right: 57.870+/-0.531 χ^2/NDF : 6808.5/19

In: 62.119+/-0.810 χ^2/NDF :3481.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.870+/-0.531 χ^2/NDF : 6808.5/19

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.949+/-0.900 χ^2/NDF : 197.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.963+/-0.778 χ^2/NDF : 487.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

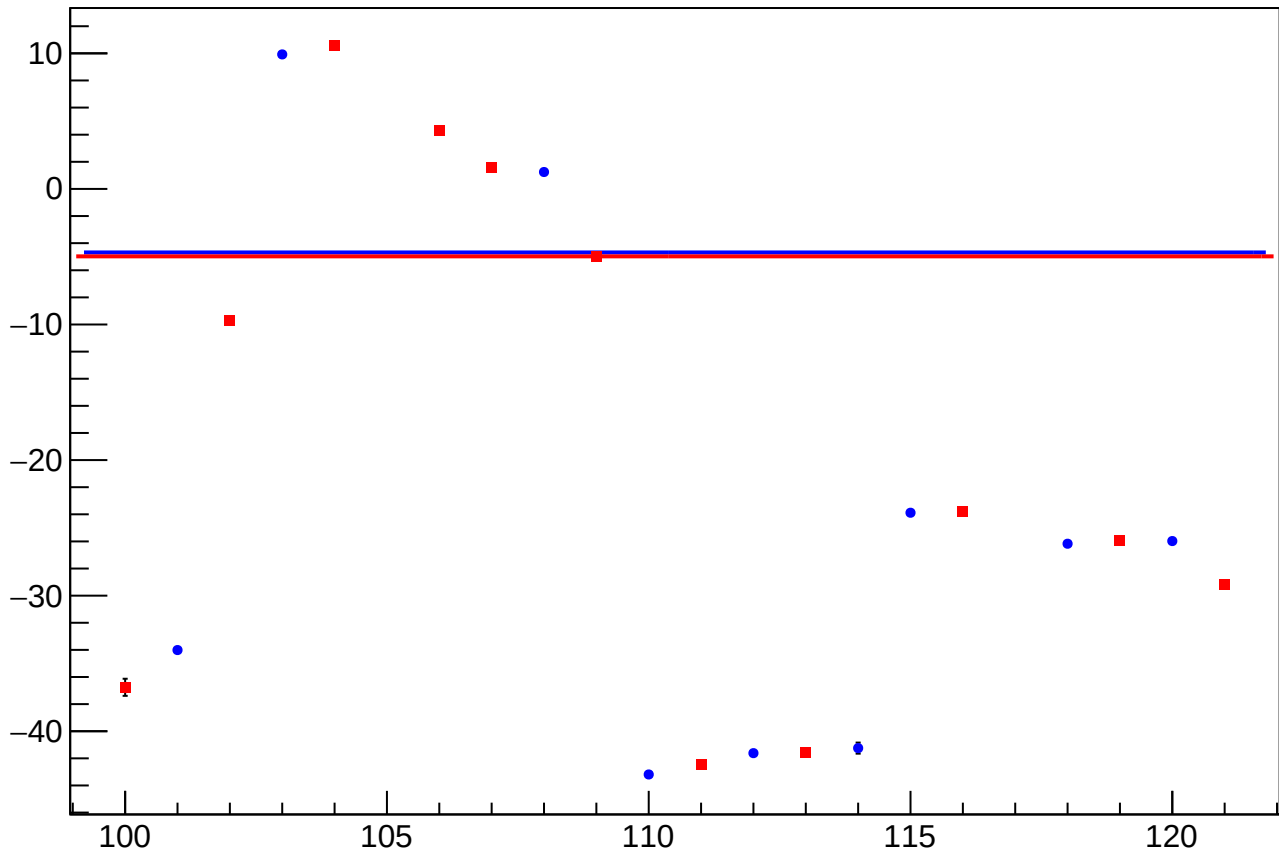
Right: 15.522+/-0.589 χ^2/NDF : 710.8/19

In: 18.949+/-0.900 χ^2/NDF : 197.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.522+/-0.589 χ^2/NDF : 710.8/19

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -4.686+/-0.043 χ^2/NDF : 182311.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.974+/-0.040 χ^2/NDF : 166946.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

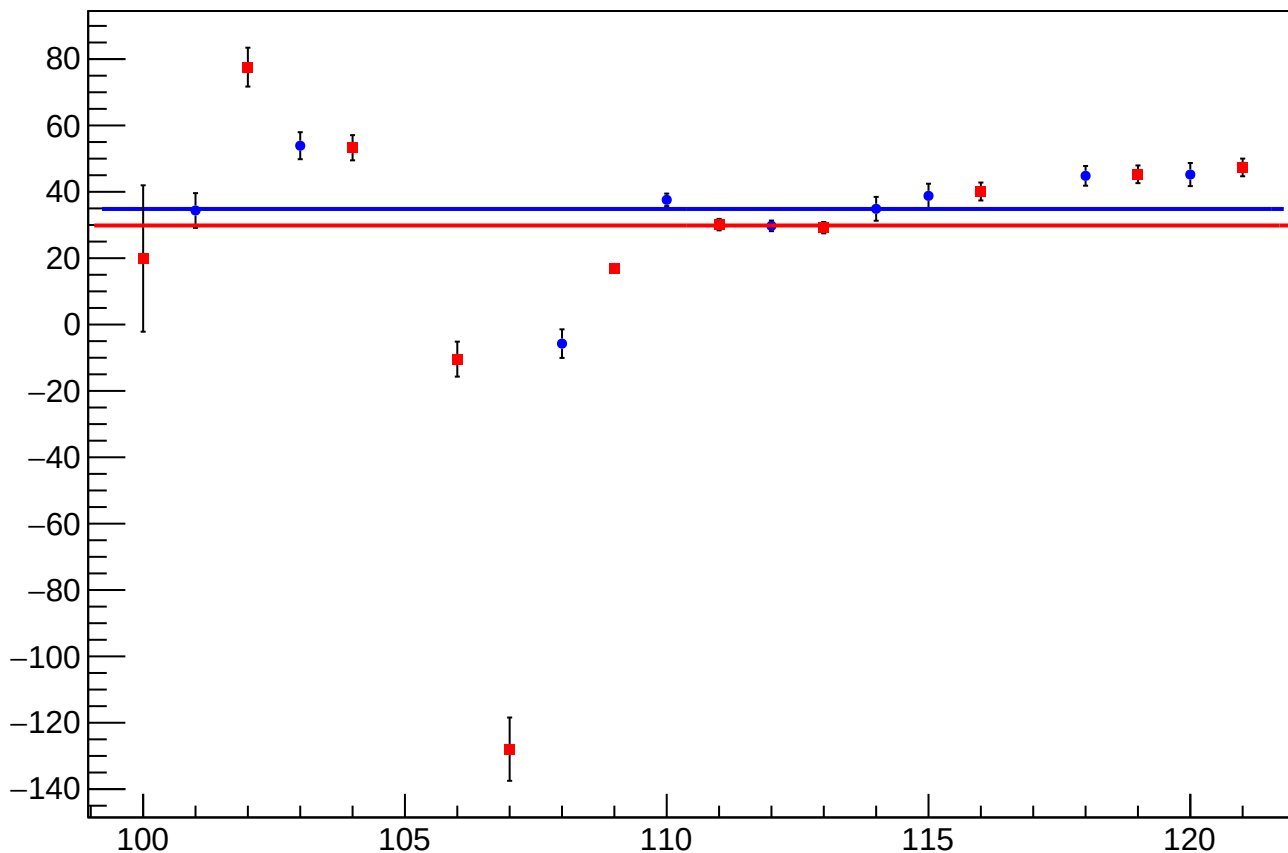
Right: -4.839+/-0.029 χ^2/NDF : 349281.4/19

In: -4.686+/-0.043 χ^2/NDF :182311.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.839+/-0.029 χ^2/NDF : 349281.4/19

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.833+/-0.924 χ^2/NDF : 144.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.854+/-0.770 χ^2/NDF : 601.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

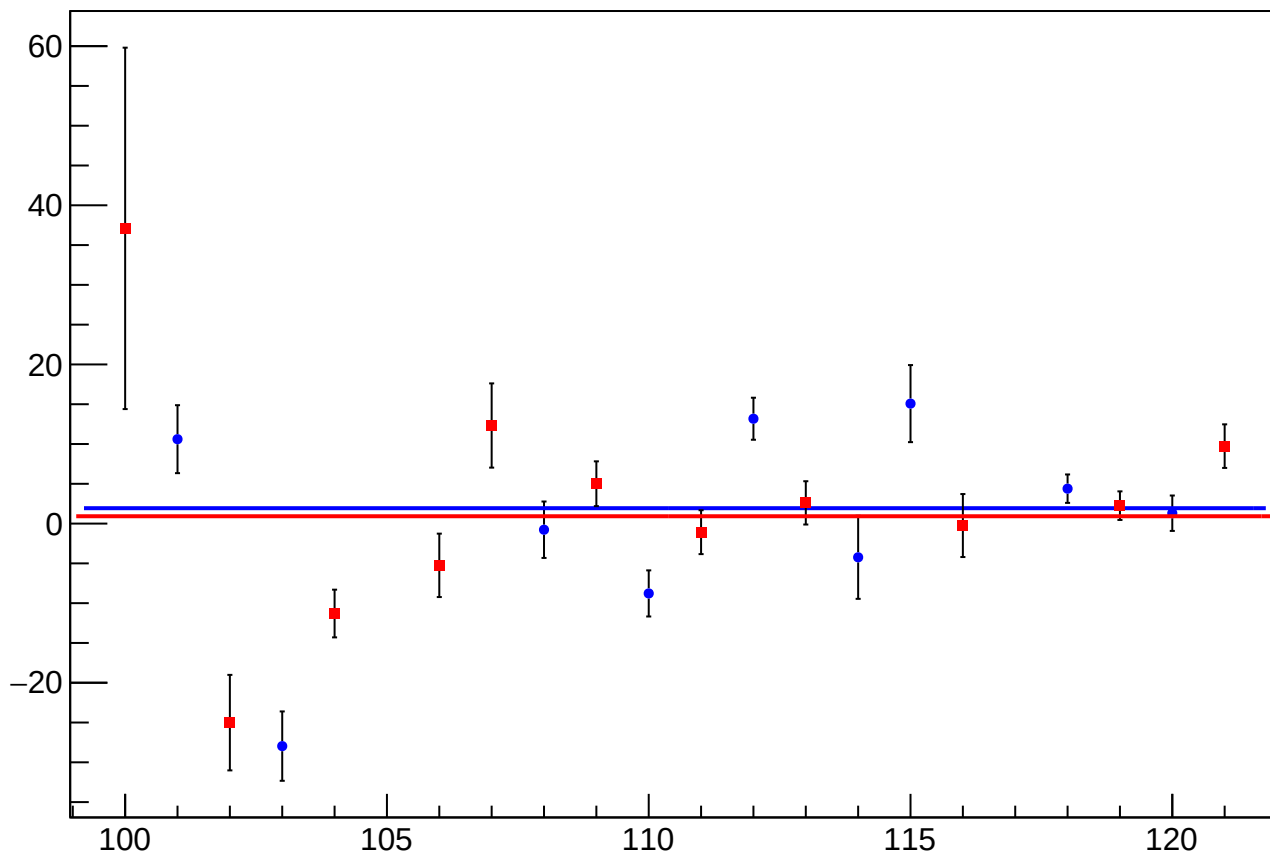
Right: 31.893+/-0.591 χ^2/NDF : 762.7/19

In: 34.833+/-0.924 χ^2/NDF : 144.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.893+/-0.591 χ^2/NDF : 762.7/19

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.935+/-0.978 χ^2/NDF : 94.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.923+/-0.937 χ^2/NDF : 58.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

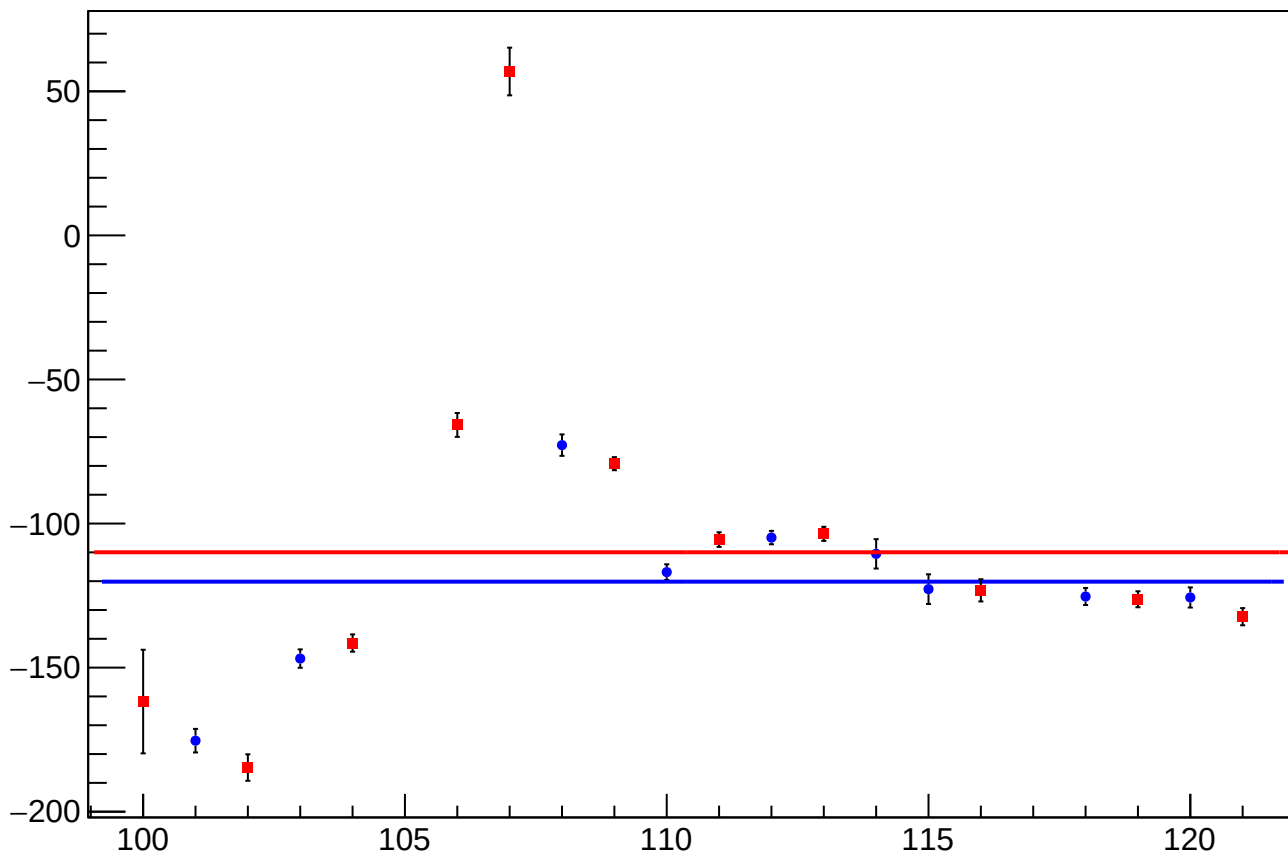
Right: 1.407+/-0.677 χ^2/NDF : 153.7/19

In: 1.935+/-0.978 χ^2/NDF : 94.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.407+/-0.677 χ^2/NDF : 153.7/19

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -120.169+/-1.103 χ^2/NDF : 467.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.977+/-0.971 χ^2/NDF : 1199.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

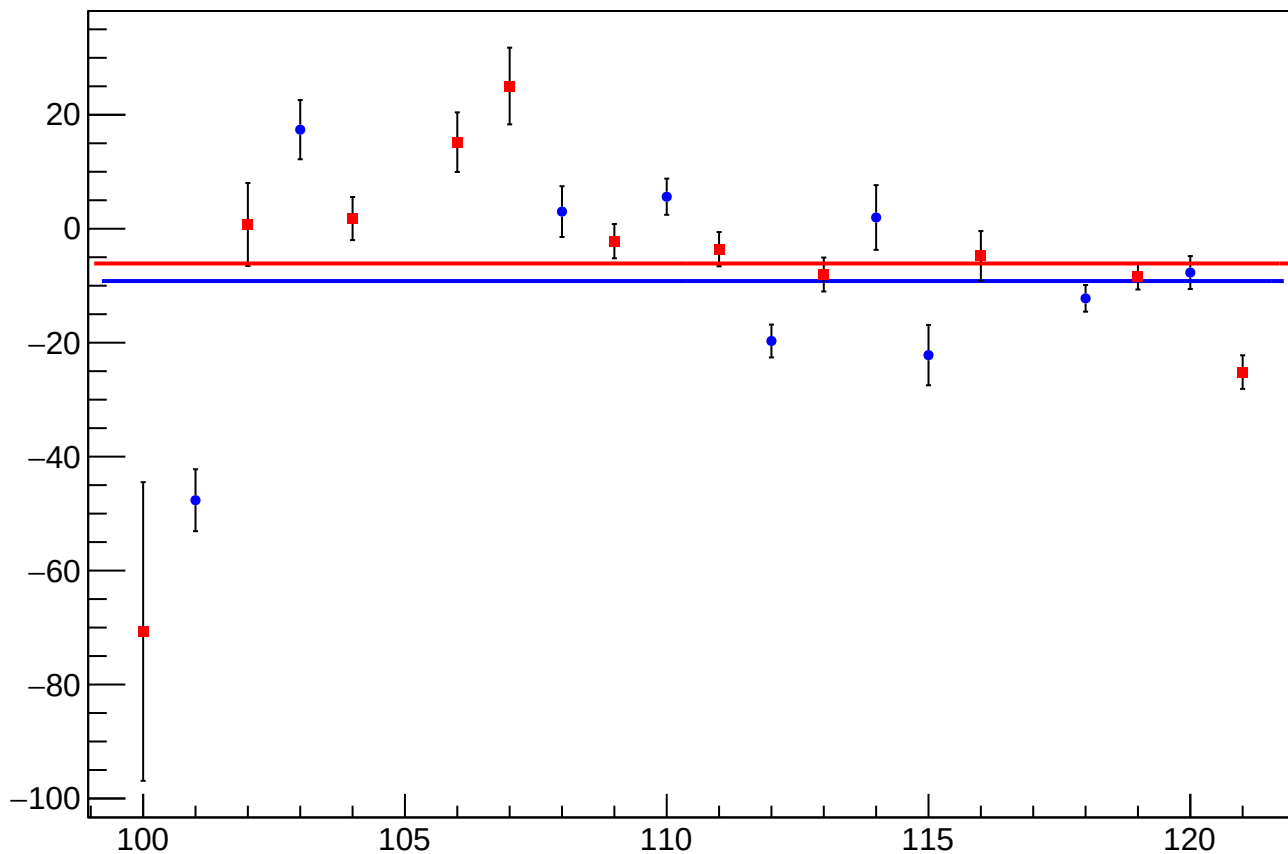
Right: -114.425+/-0.729 χ^2/NDF : 1715.2/19

In: -120.169+/-1.103 χ^2/NDF : 467.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.425+/-0.729 χ^2/NDF : 1715.2/19

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.180 ± 1.187 χ^2/NDF : 130.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.098 ± 1.092 χ^2/NDF : 94.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

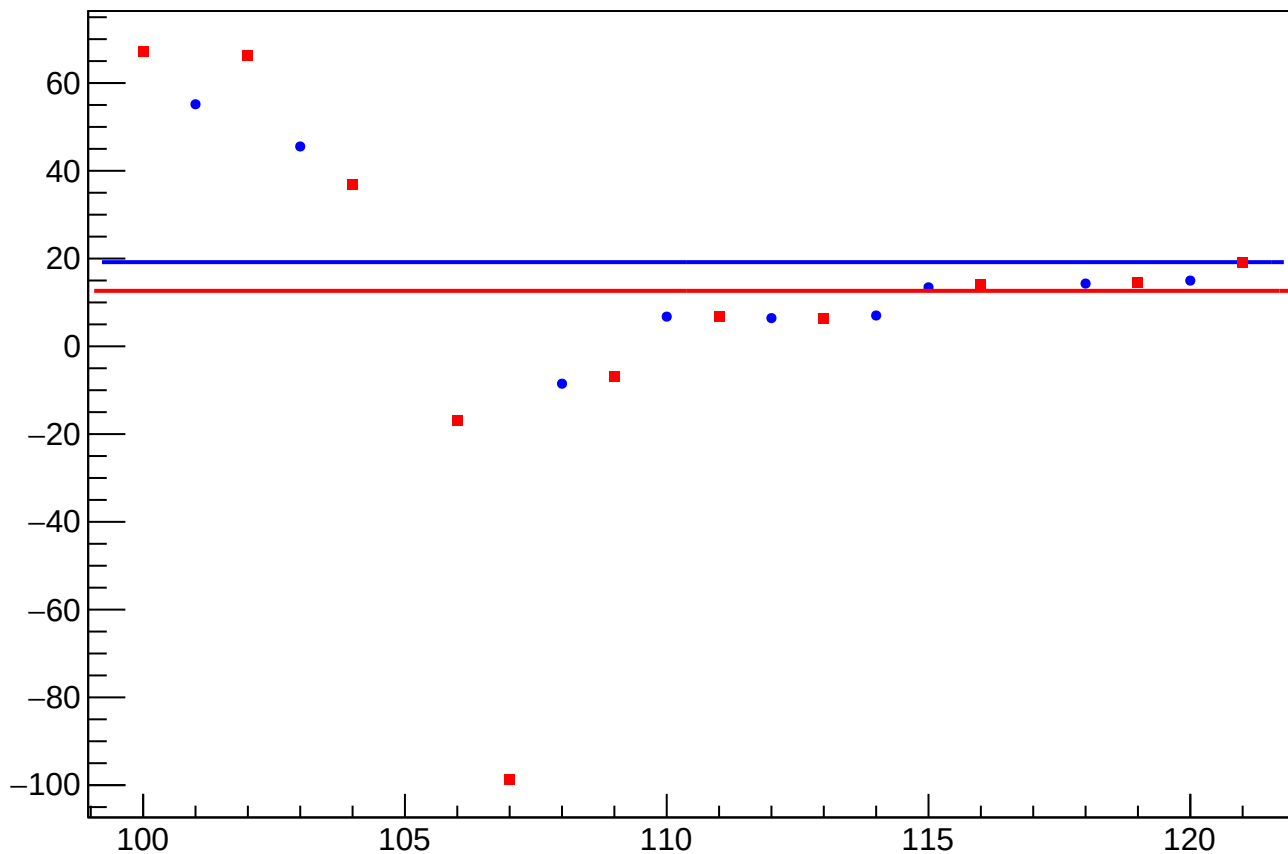
Right: -7.512 ± 0.804 χ^2/NDF : 229.1/19

In: -9.180 ± 1.187 χ^2/NDF : 130.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.512 ± 0.804 χ^2/NDF : 229.1/19

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.182+/-0.069 χ^2/NDF : 104024.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.643+/-0.064 χ^2/NDF : 251521.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

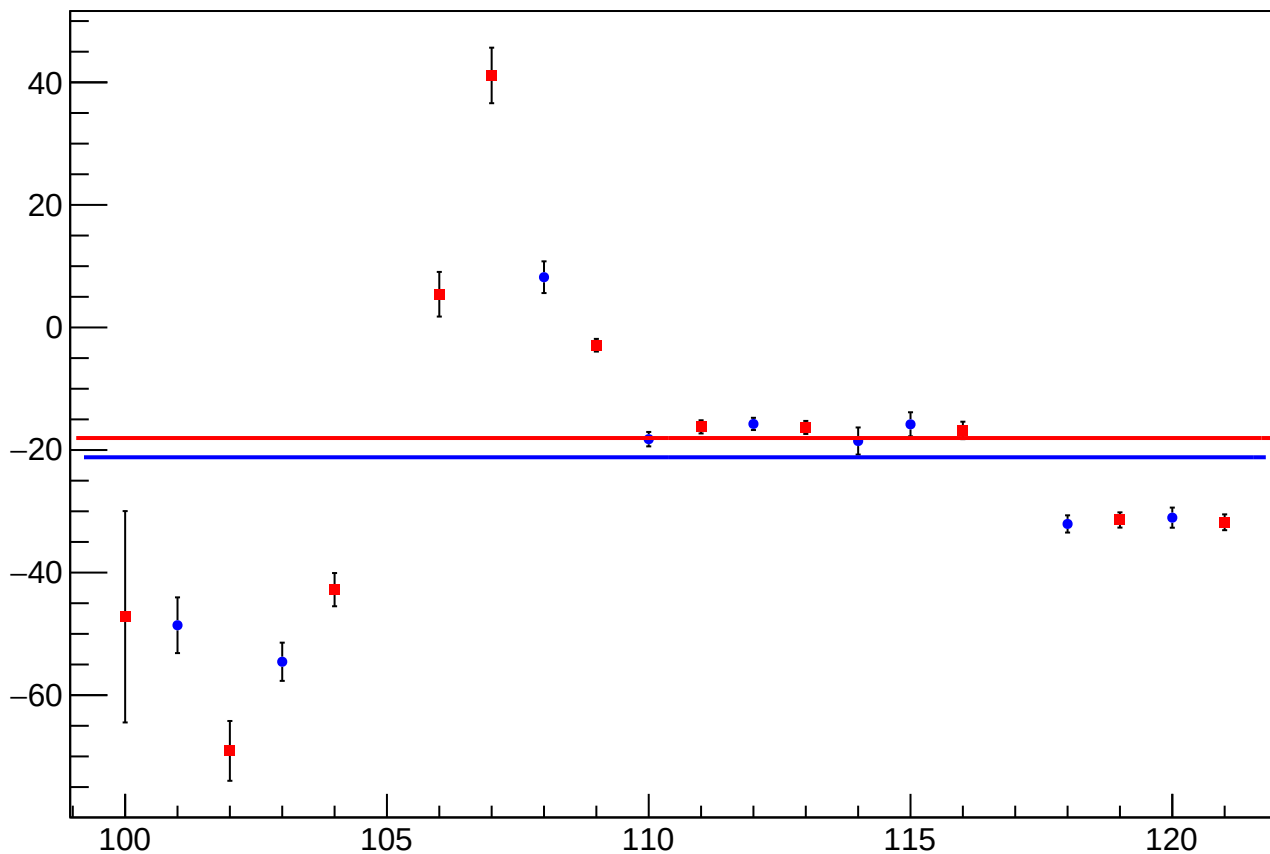
Right: 15.659+/-0.047 χ^2/NDF : 360410.3/19

In: 19.182+/-0.069 χ^2/NDF : 104024.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.659+/-0.047 χ^2/NDF : 360410.3/19

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.183+/-0.545 χ^2/NDF : 420.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.042+/-0.460 χ^2/NDF : 857.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

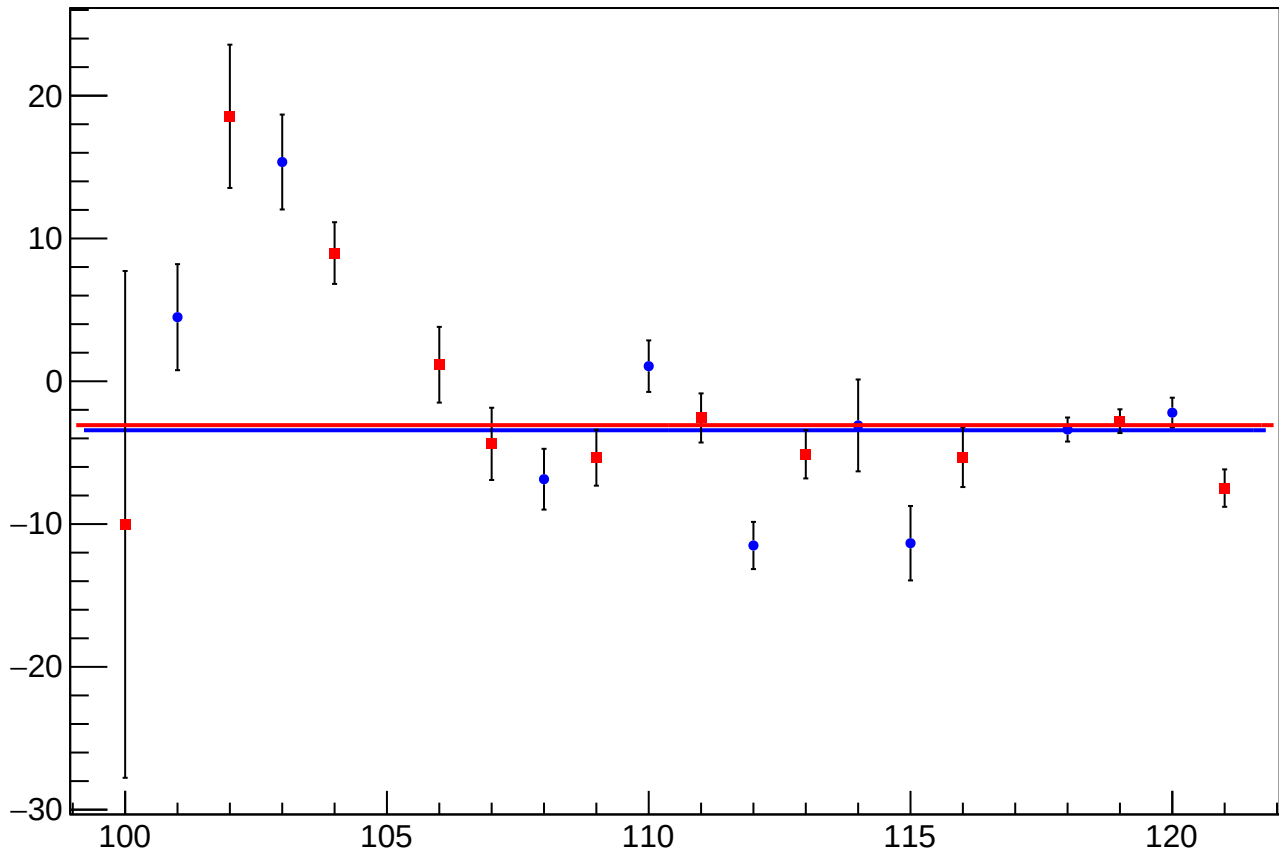
Right: -19.348+/-0.351 χ^2/NDF : 1297.1/19

In: -21.183+/-0.545 χ^2/NDF : 420.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.348+/-0.351 χ^2/NDF : 1297.1/19

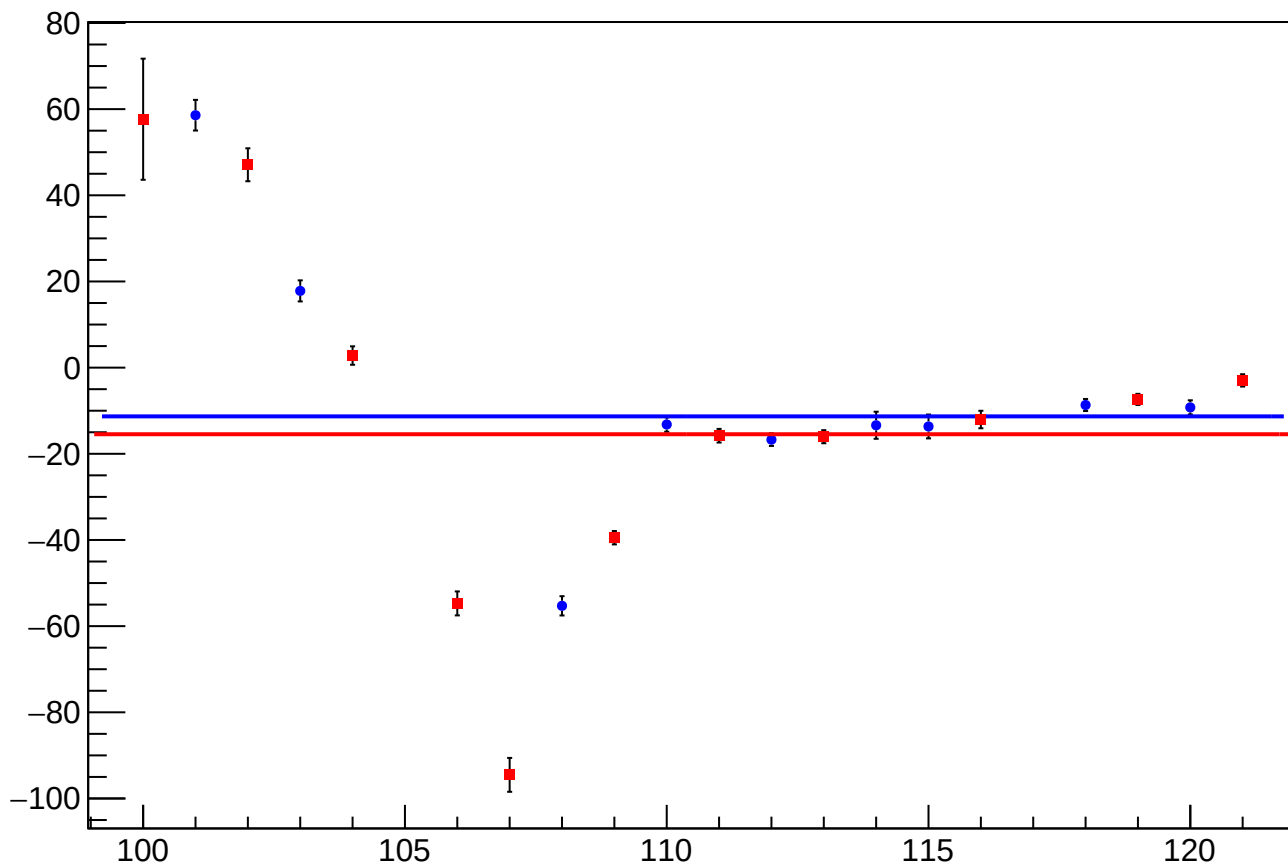
reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.430 $\pm$ 0.526 χ^2 /NDF: 79.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -3.073 $\pm$ 0.516 χ^2 /NDF: 68.2/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -3.248 $\pm$ 0.368 χ^2 /NDF: 148.1/19
 In: -3.430 $\pm$ 0.526 χ^2 /NDF:79.7/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -3.248 $\pm$ 0.368 χ^2 /NDF: 148.1/19

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.313+/-0.649 χ^2/NDF : 935.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.459+/-0.571 χ^2/NDF : 1328.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

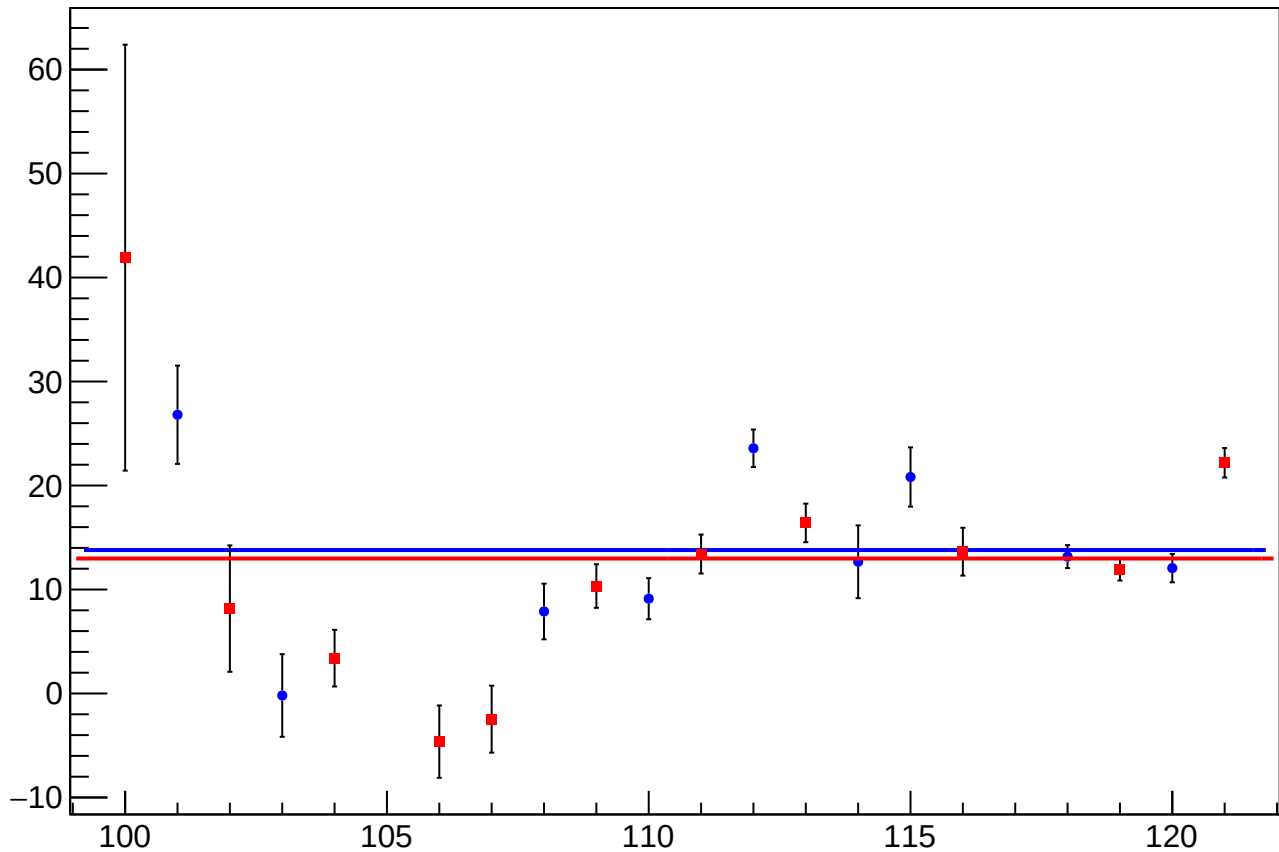
Right: -13.649+/-0.428 χ^2/NDF : 2287.0/19

In: -11.313+/-0.649 χ^2/NDF : 935.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.649+/-0.428 χ^2/NDF : 2287.0/19

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.794 $\pm$ 0.649 χ^2 /NDF: 68.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.980 $\pm$ 0.607 χ^2 /NDF: 112.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

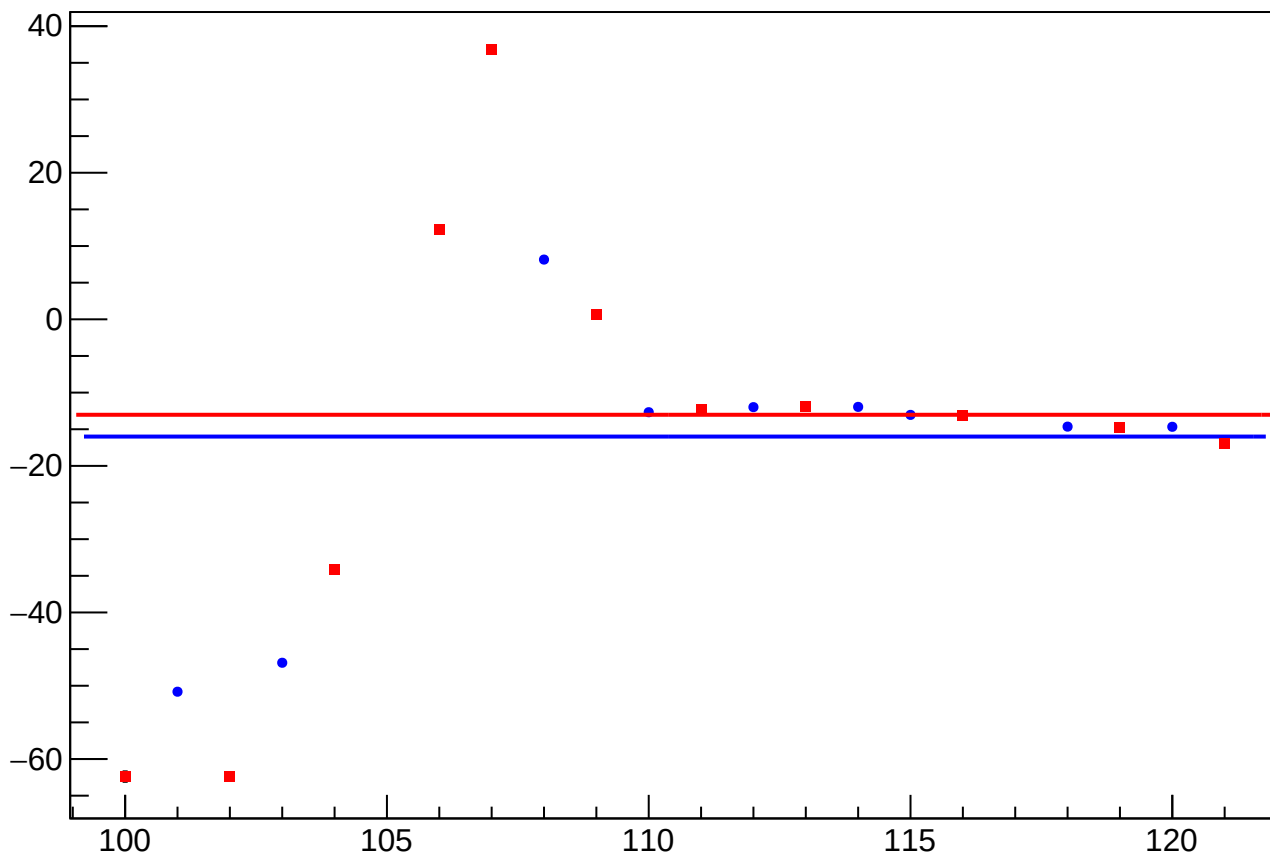
Right: 13.360 $\pm$ 0.443 χ^2 /NDF: 180.8/19

In: 13.794 $\pm$ 0.649 χ^2 /NDF: 68.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.360 $\pm$ 0.443 χ^2 /NDF: 180.8/19

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.999 $\pm$ 0.043 χ^2 /NDF: 190443.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.026 $\pm$ 0.039 χ^2 /NDF: 278335.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

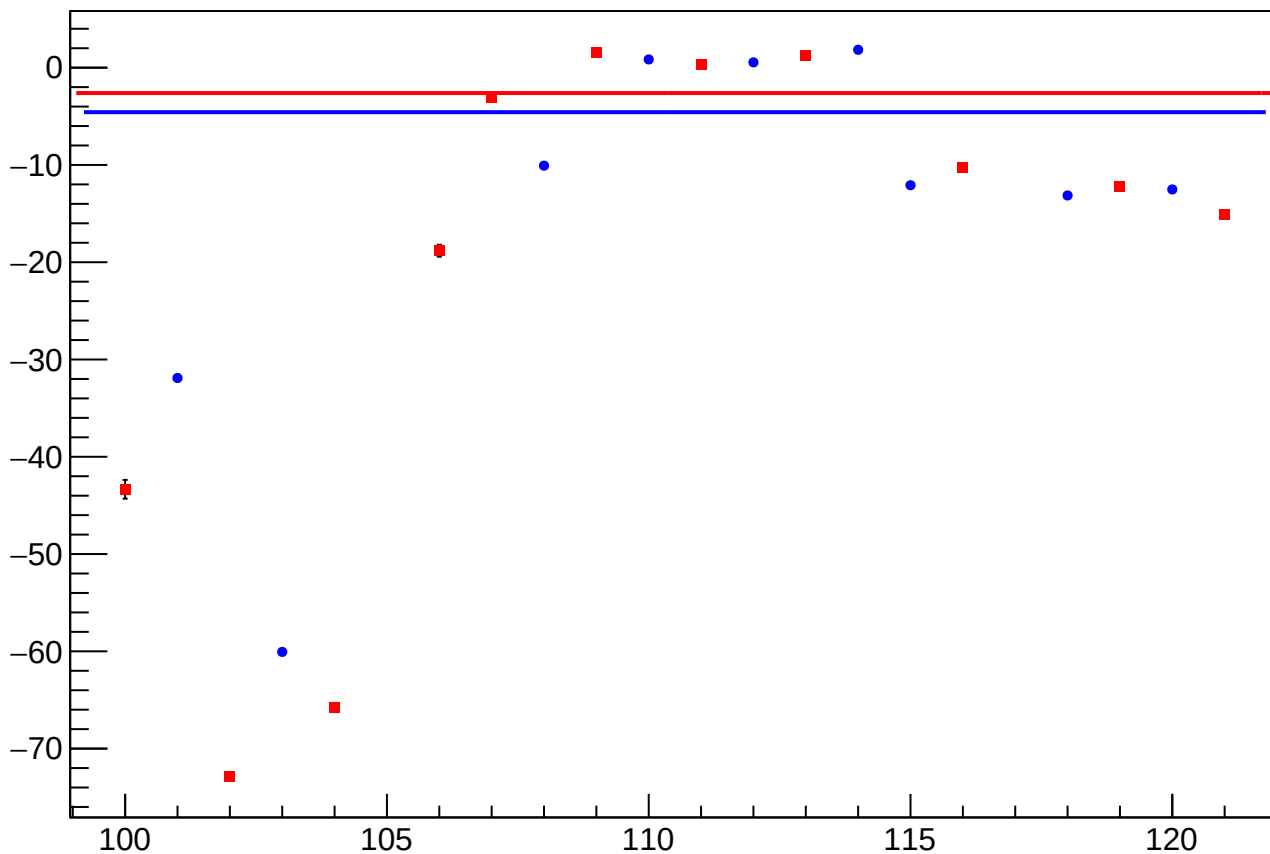
Right: -14.391 $\pm$ 0.029 χ^2 /NDF: 471399.2/19

In: -15.999 $\pm$ 0.043 χ^2 /NDF:190443.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.391 $\pm$ 0.029 χ^2 /NDF: 471399.2/19

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.574 $\pm$ 0.066 χ^2 /NDF: 32700.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.608 $\pm$ 0.052 χ^2 /NDF: 52755.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

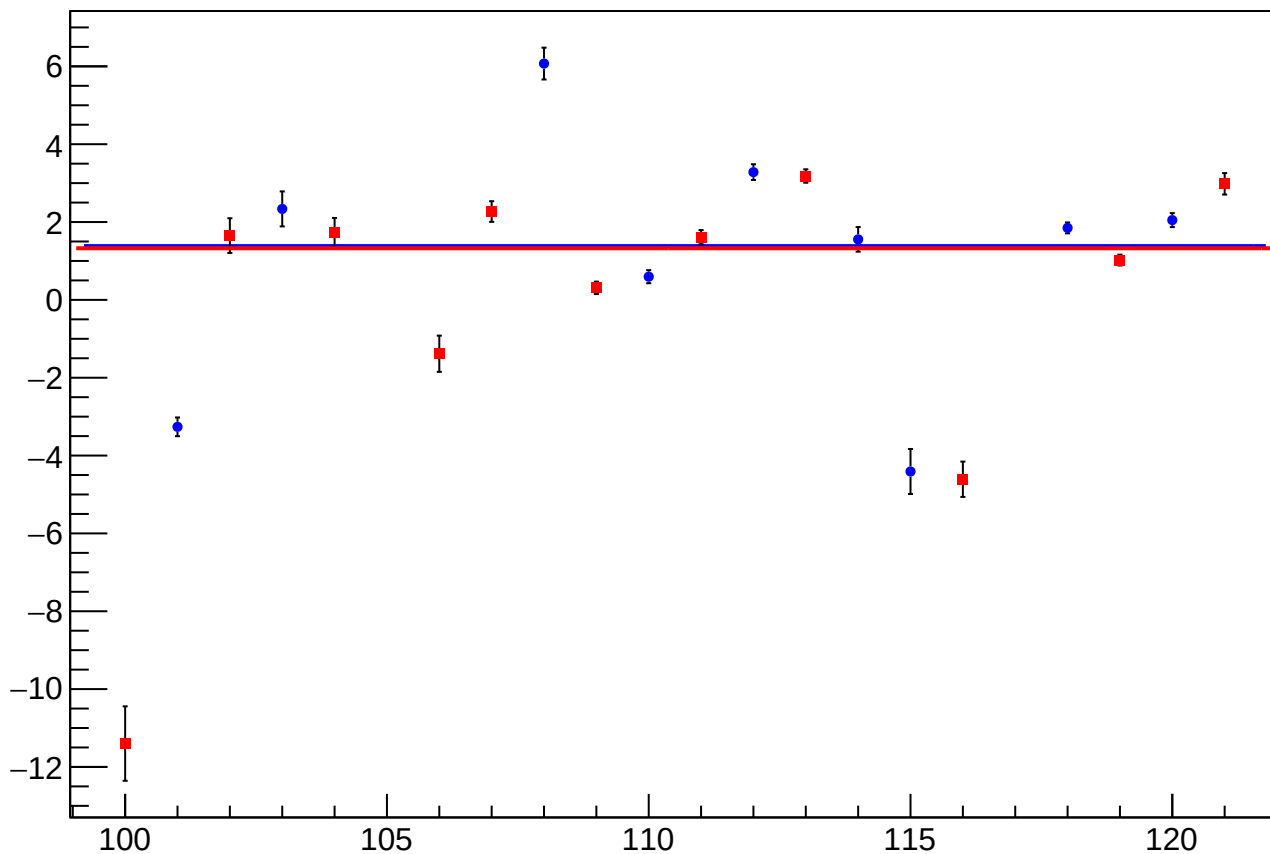
Right: -3.360 $\pm$ 0.041 χ^2 /NDF: 86002.3/19

In: -4.574 $\pm$ 0.066 χ^2 /NDF:32700.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.360 $\pm$ 0.041 χ^2 /NDF: 86002.3/19

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.382+/-0.074 χ^2/NDF : 744.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.326+/-0.070 χ^2/NDF : 595.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

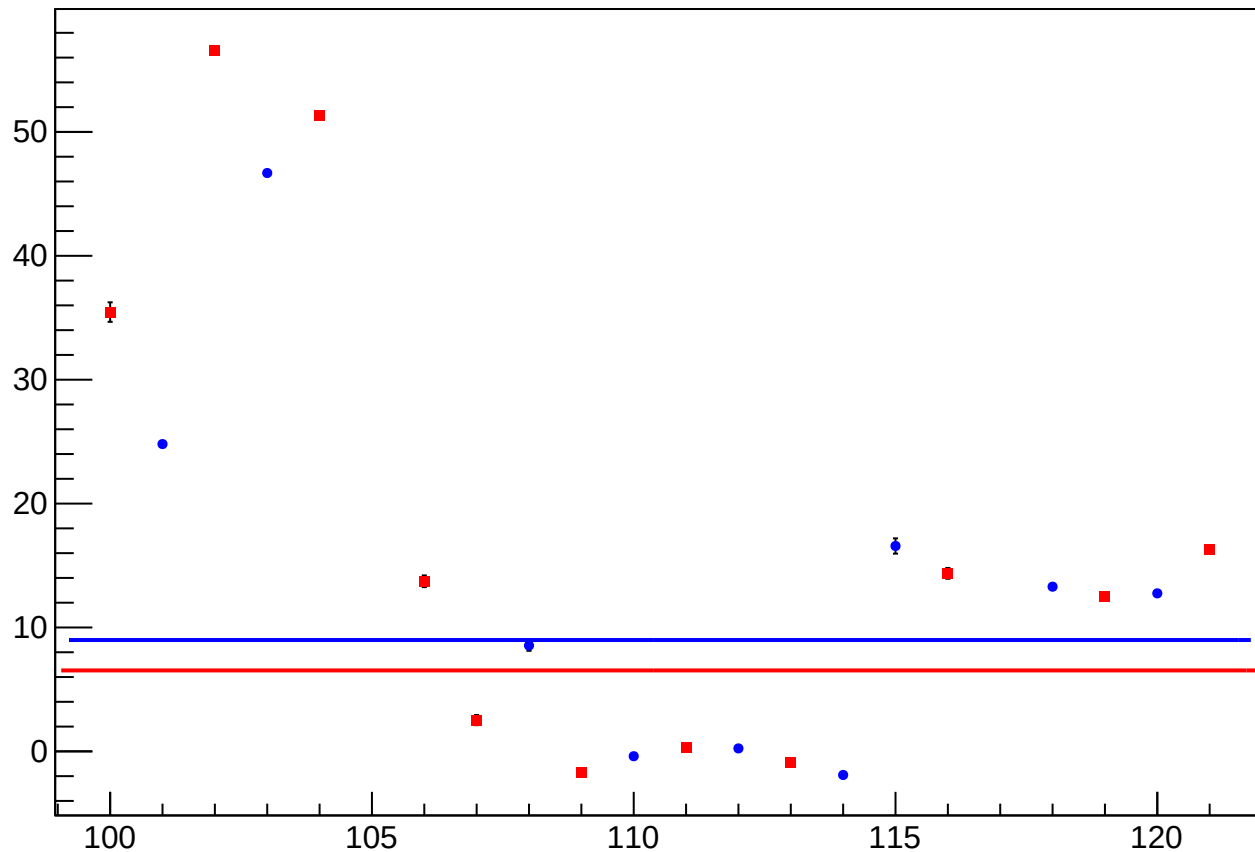
Right: 1.352+/-0.051 χ^2/NDF : 1340.4/19

In: 1.382+/-0.074 χ^2/NDF : 744.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.352+/-0.051 χ^2/NDF : 1340.4/19

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.988+/-0.082 χ^2/NDF : 24939.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.533+/-0.070 χ^2/NDF : 45343.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

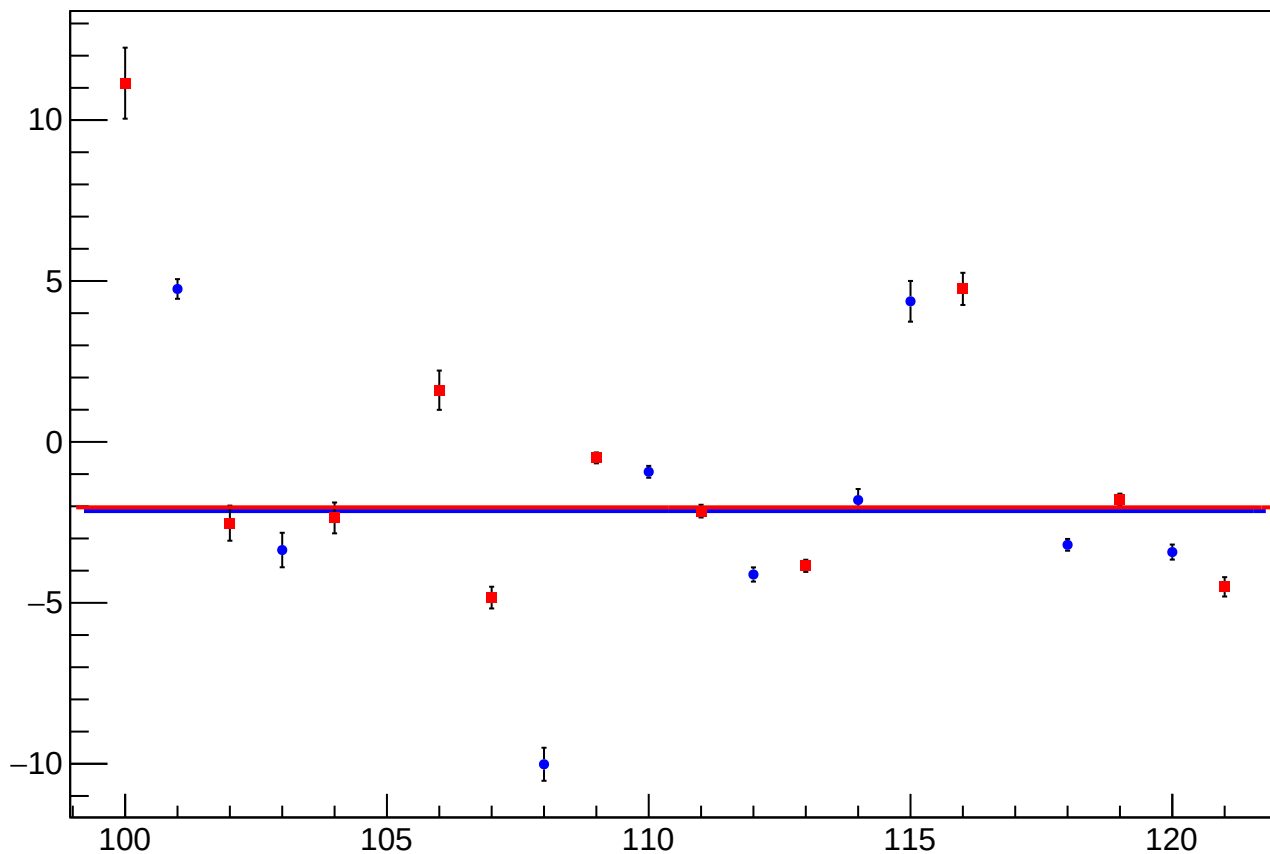
Right: 7.574+/-0.053 χ^2/NDF : 70799.8/19

In: 8.988+/-0.082 χ^2/NDF : 24939.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.574+/-0.053 χ^2/NDF : 70799.8/19

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.149+/-0.089 χ^2/NDF : 1042.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.033+/-0.080 χ^2/NDF : 677.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

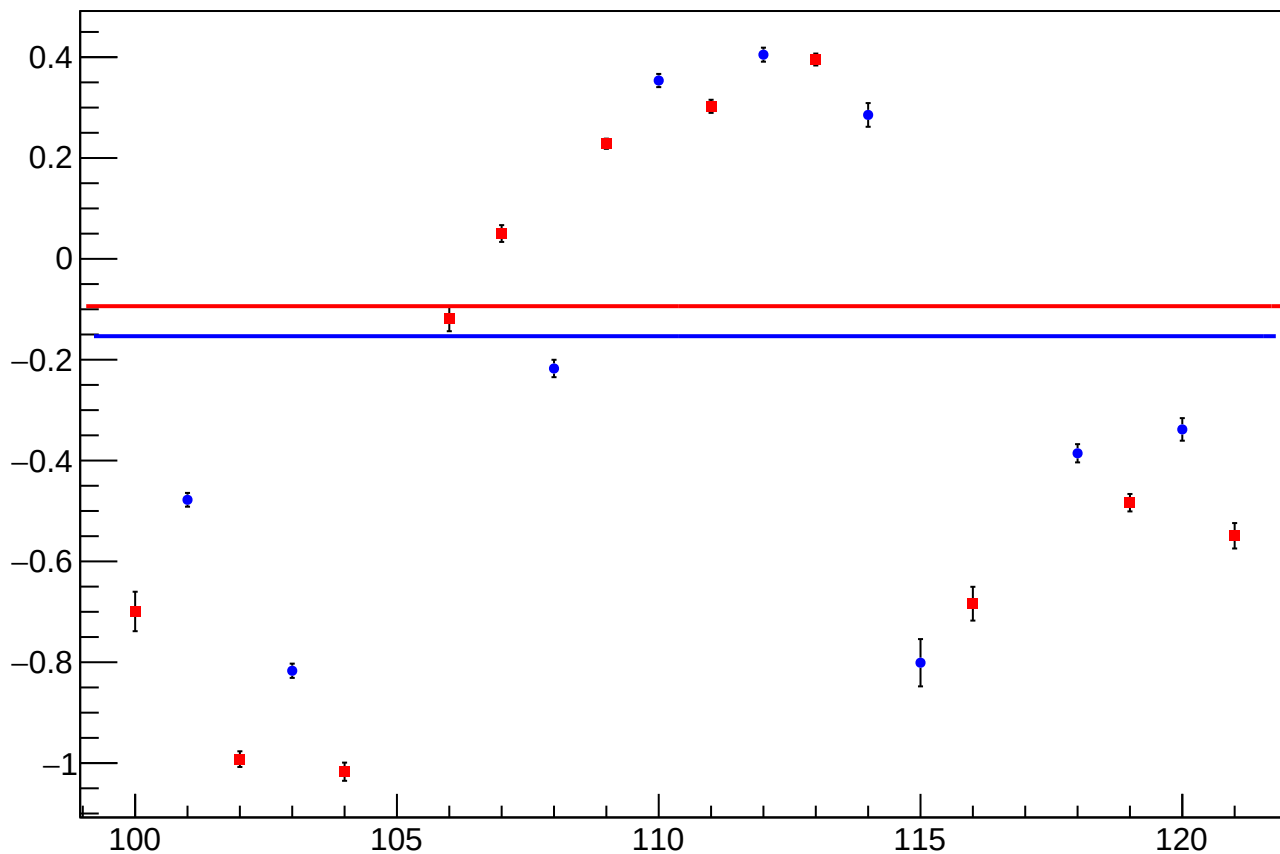
Right: -2.085+/-0.060 χ^2/NDF : 1721.4/19

In: -2.149+/-0.089 χ^2/NDF : 1042.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.085+/-0.060 χ^2/NDF : 1721.4/19

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153+/-0.006 χ^2/NDF : 6662.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.094+/-0.005 χ^2/NDF : 11087.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

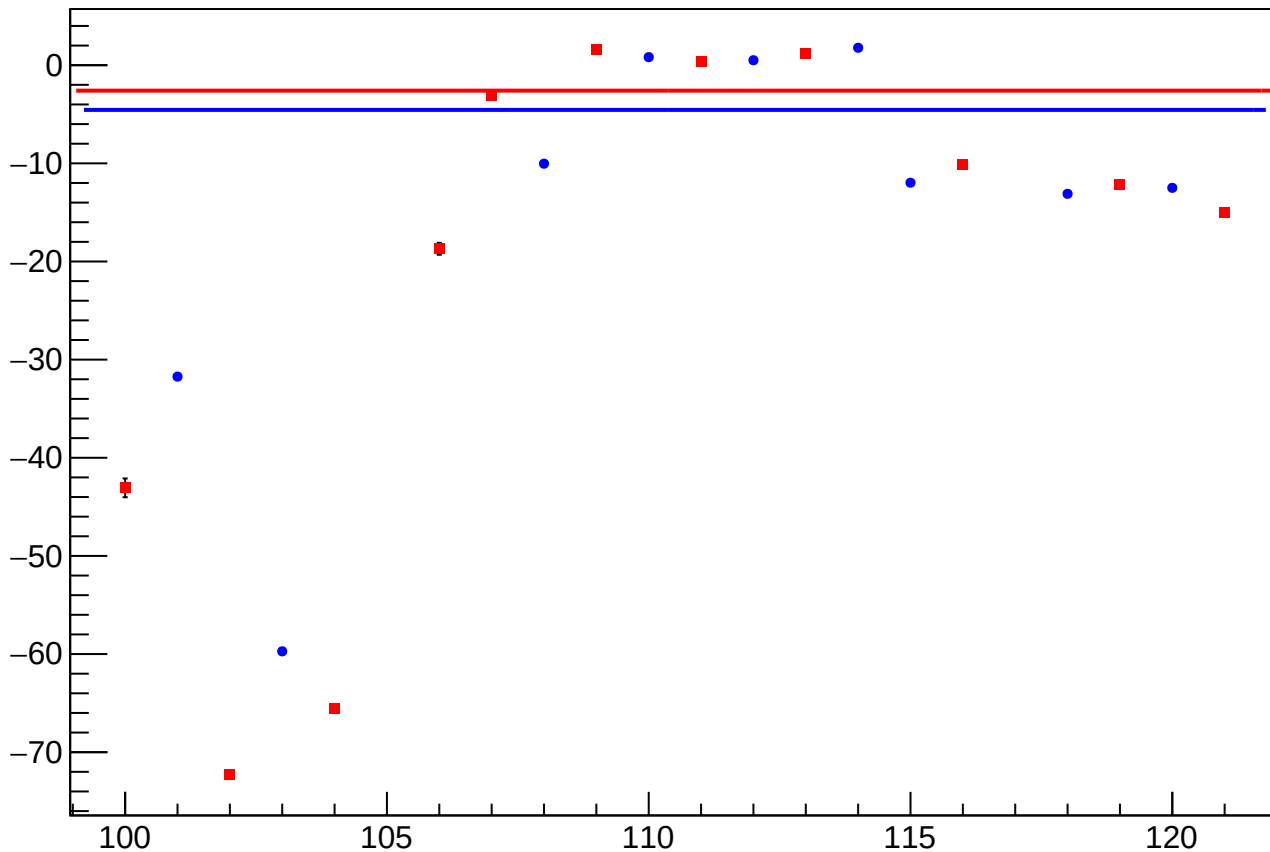
Right: -0.120+/-0.004 χ^2/NDF : 17814.5/19

In: -0.153+/-0.006 χ^2/NDF :6662.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.120+/-0.004 χ^2/NDF : 17814.5/19

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.554+/-0.066 χ^2/NDF : 32667.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.591+/-0.052 χ^2/NDF : 52725.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

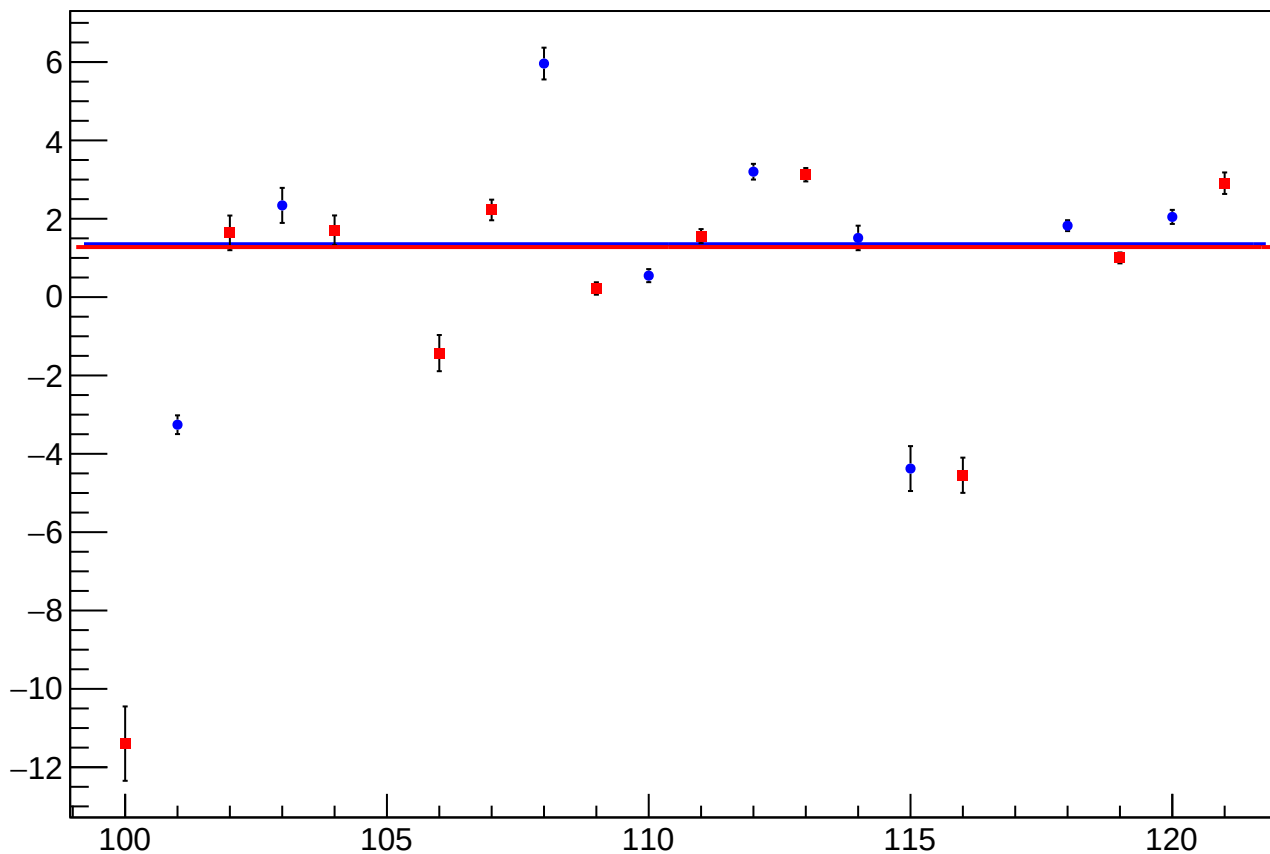
Right: -3.342+/-0.041 χ^2/NDF : 85945.7/19

In: -4.554+/-0.066 χ^2/NDF : 32667.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.342+/-0.041 χ^2/NDF : 85945.7/19

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.350+/-0.073 χ^2/NDF : 739.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.277+/-0.070 χ^2/NDF : 598.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

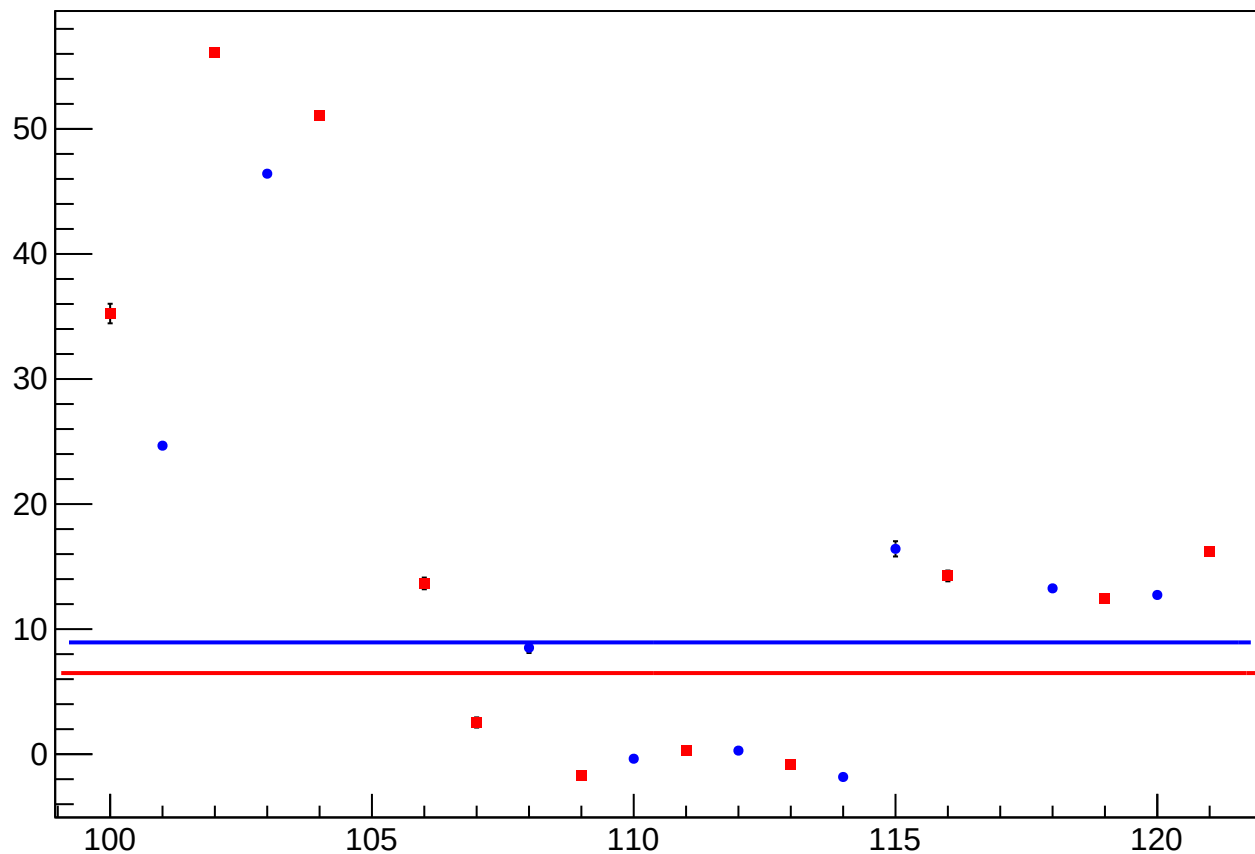
Right: 1.311+/-0.050 χ^2/NDF : 1338.5/19

In: 1.350+/-0.073 χ^2/NDF : 739.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.311+/-0.050 χ^2/NDF : 1338.5/19

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.938+/-0.081 χ^2/NDF : 24909.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.486+/-0.070 χ^2/NDF : 45325.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

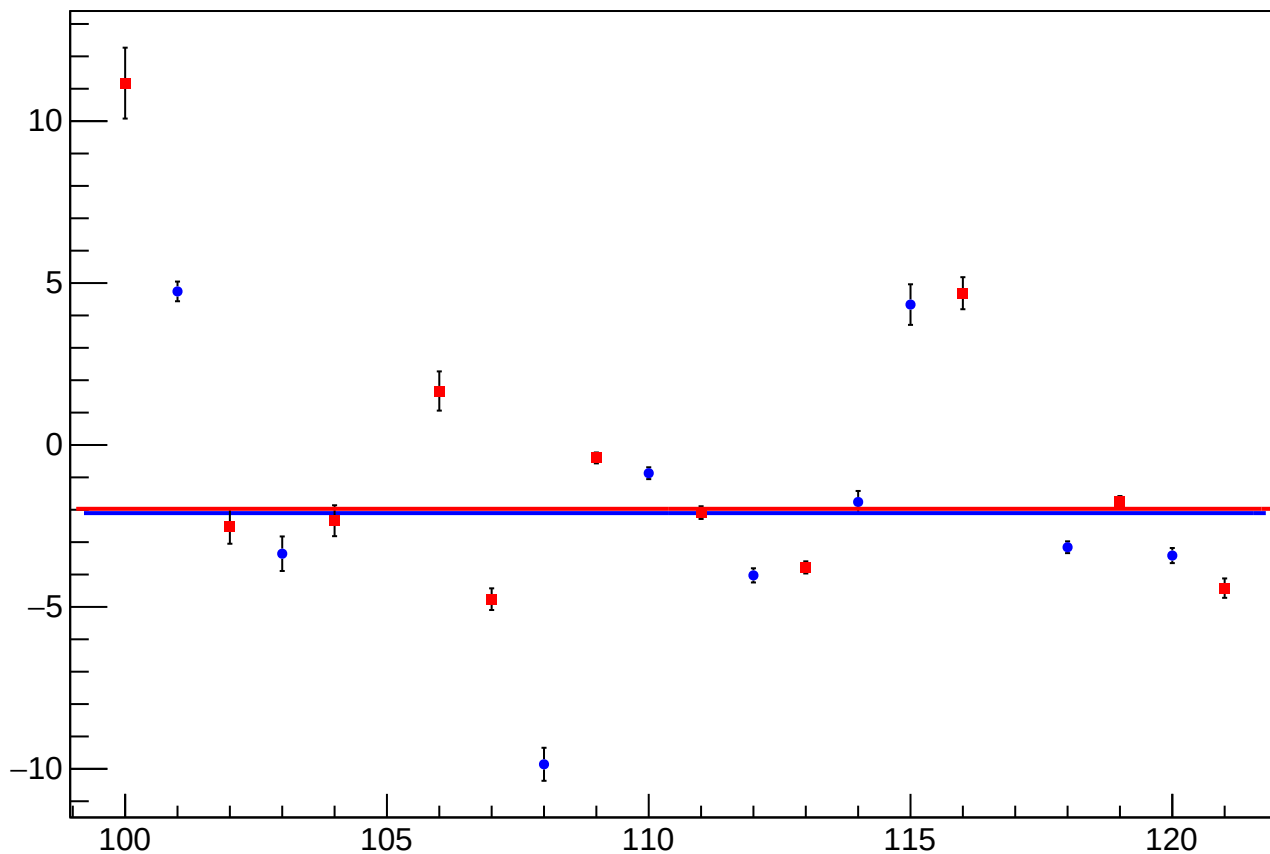
Right: 7.525+/-0.053 χ^2/NDF : 70758.9/19

In: 8.938+/-0.081 χ^2/NDF : 24909.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.525+/-0.053 χ^2/NDF : 70758.9/19

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.103 ± 0.088 χ^2/NDF : 1038.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.971 ± 0.080 χ^2/NDF : 681.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

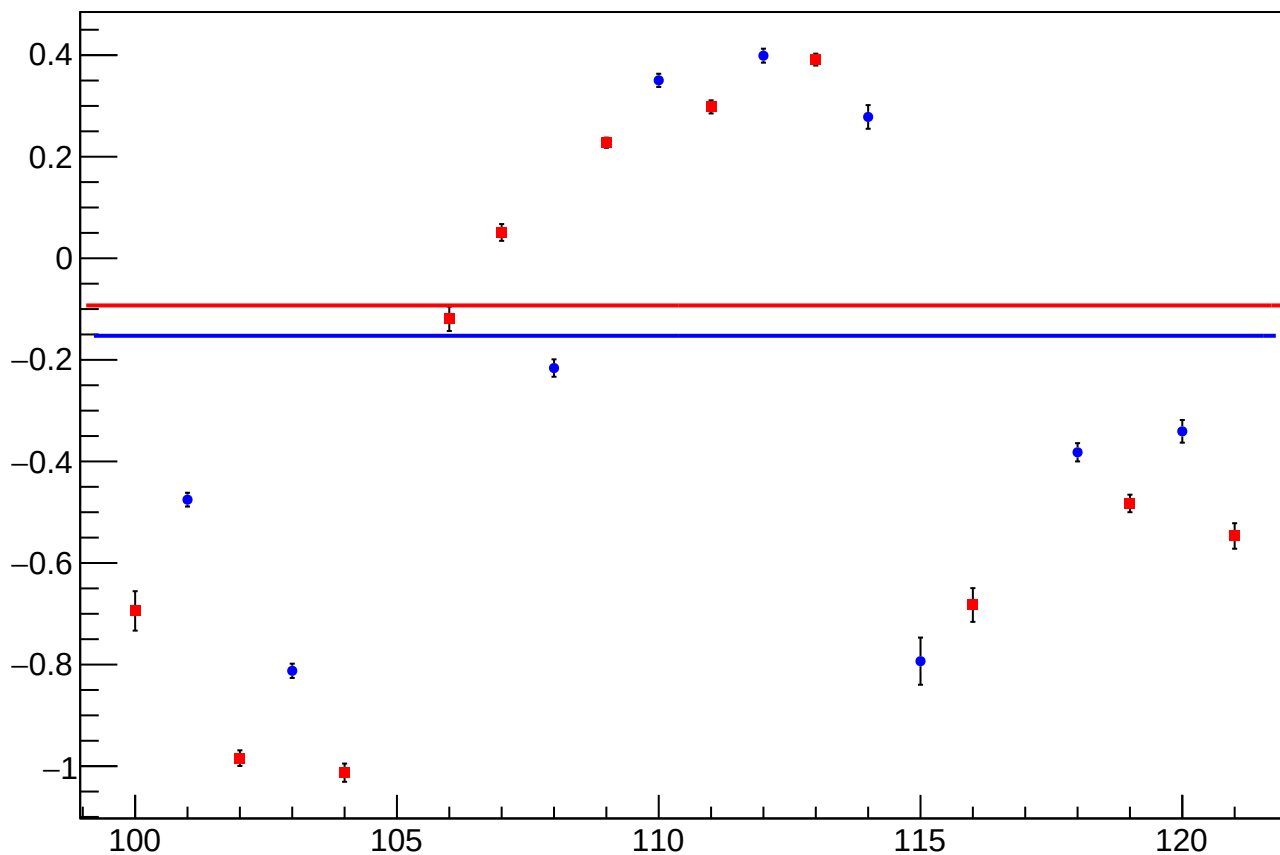
Right: -2.030 ± 0.059 χ^2/NDF : 1721.6/19

In: -2.103 ± 0.088 χ^2/NDF : 1038.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.030 ± 0.059 χ^2/NDF : 1721.6/19

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.006 χ^2/NDF : 6640.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.005 χ^2/NDF : 11089.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

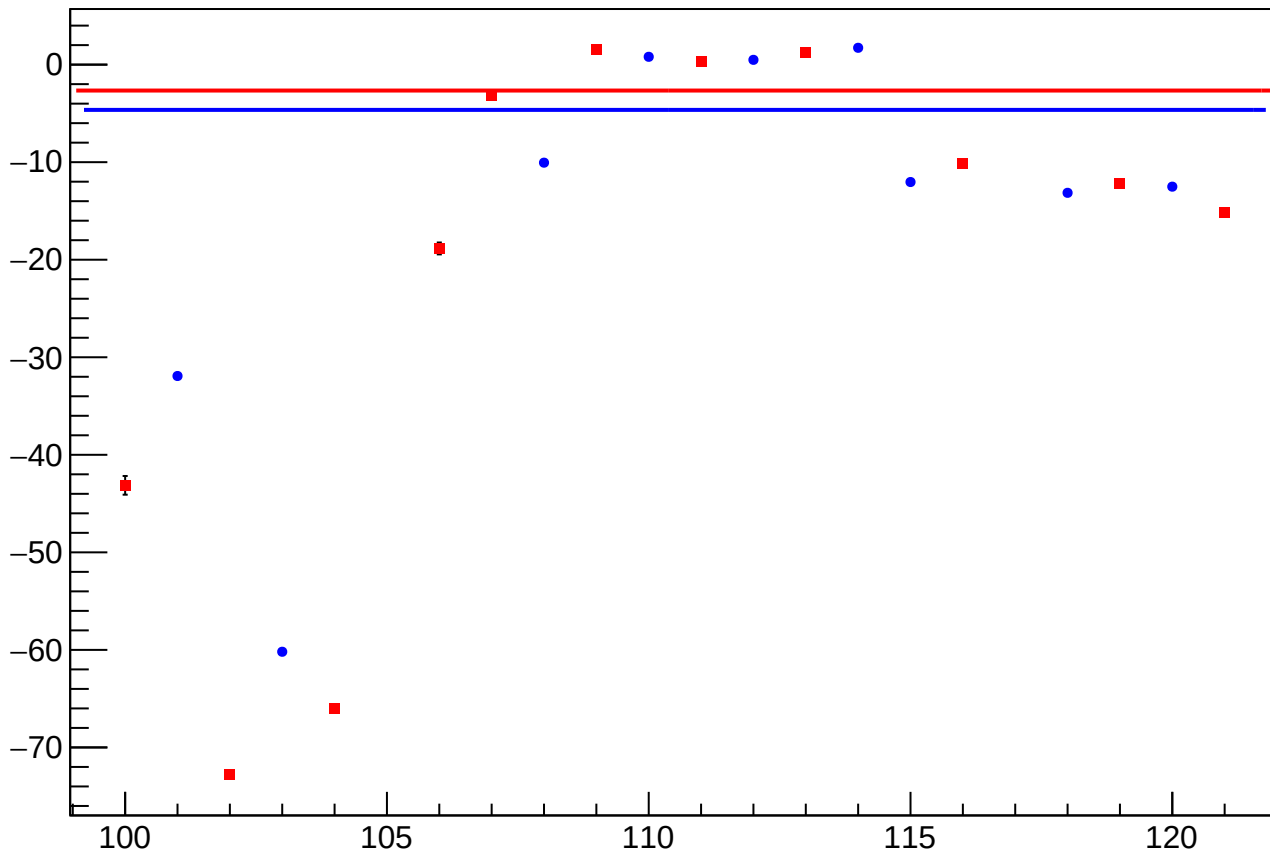
Right: -0.119 ± 0.004 χ^2/NDF : 17795.6/19

In: -0.153 ± 0.006 χ^2/NDF : 6640.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.119 ± 0.004 χ^2/NDF : 17795.6/19

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.640 $\pm$ 0.066 χ^2 /NDF: 32622.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.656 $\pm$ 0.052 χ^2 /NDF: 52686.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

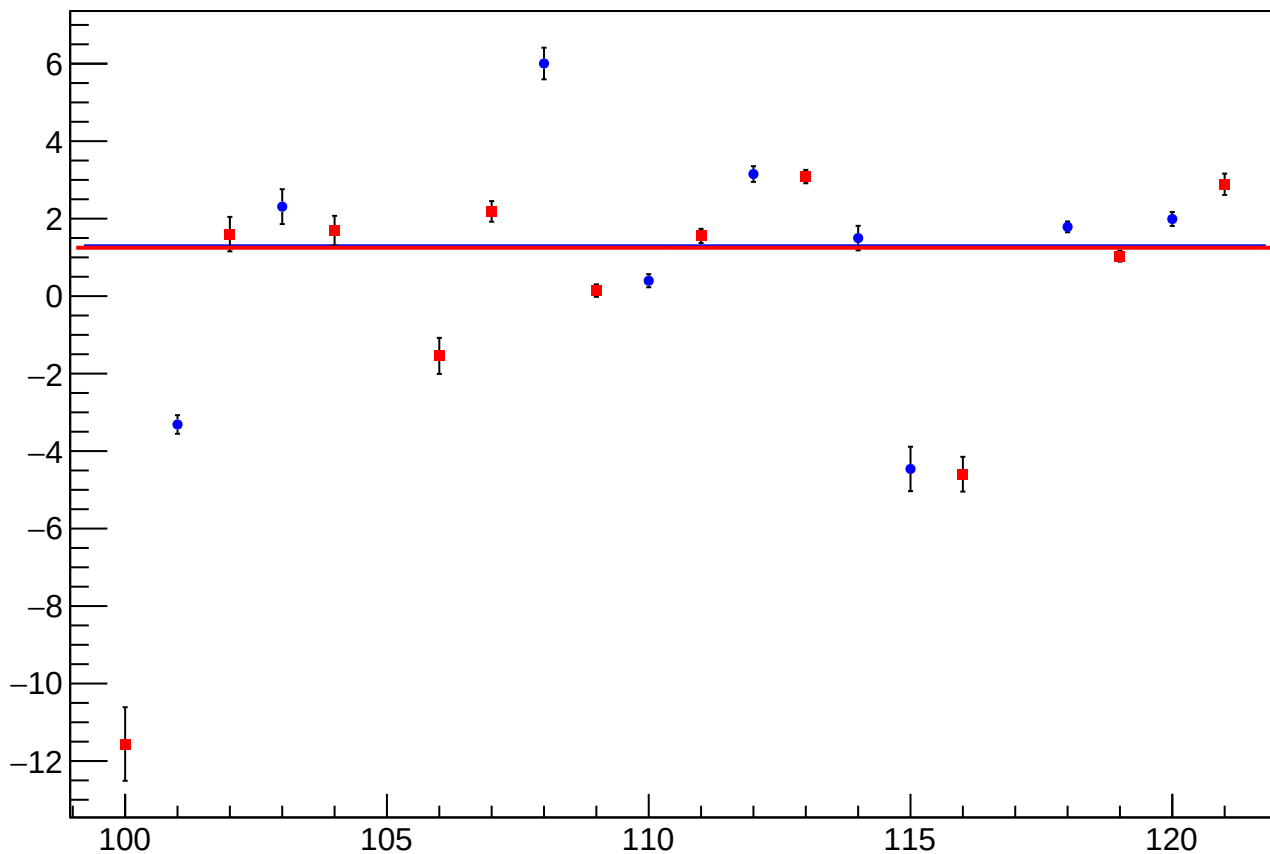
Right: -3.416 $\pm$ 0.041 χ^2 /NDF: 85863.2/19

In: -4.640 $\pm$ 0.066 χ^2 /NDF:32622.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.416 $\pm$ 0.041 χ^2 /NDF: 85863.2/19

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.286+/-0.074 χ^2/NDF : 745.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.249+/-0.070 χ^2/NDF : 603.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

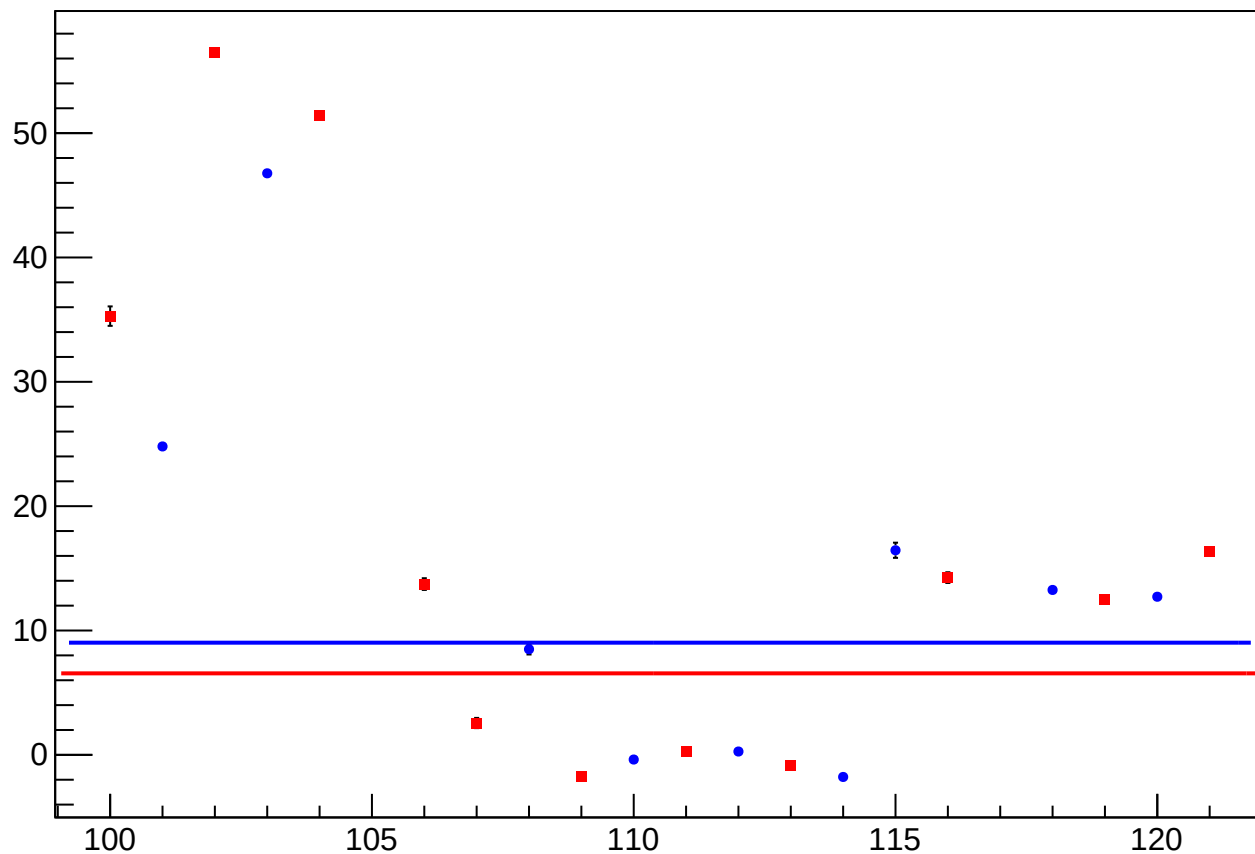
Right: 1.267+/-0.051 χ^2/NDF : 1349.4/19

In: 1.286+/-0.074 χ^2/NDF : 745.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.267+/-0.051 χ^2/NDF : 1349.4/19

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.022+/-0.082 χ^2/NDF : 24861.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.555+/-0.070 χ^2/NDF : 45284.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

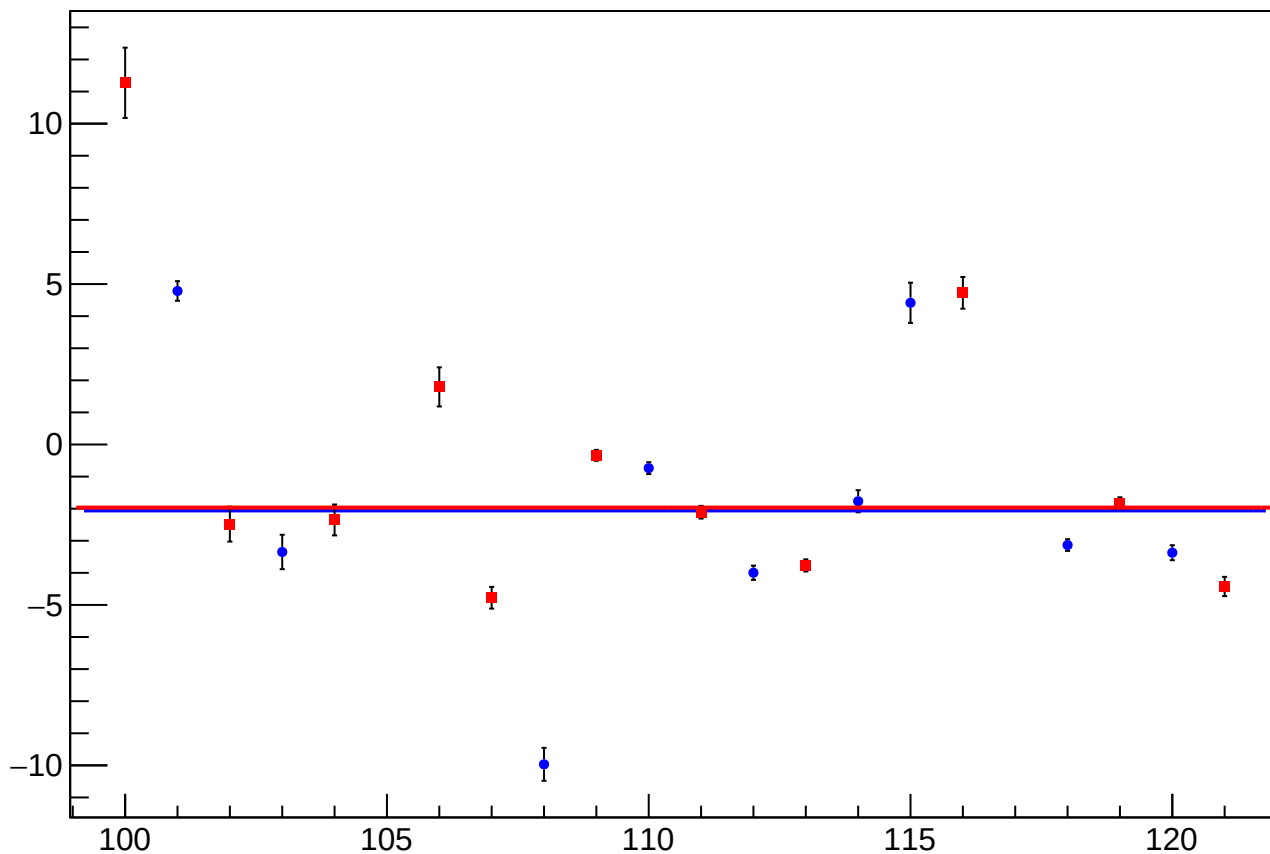
Right: 7.602+/-0.053 χ^2/NDF : 70668.0/19

In: 9.022+/-0.082 χ^2/NDF : 24861.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.602+/-0.053 χ^2/NDF : 70668.0/19

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.055+/-0.089 χ^2/NDF : 1046.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.966+/-0.080 χ^2/NDF : 689.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

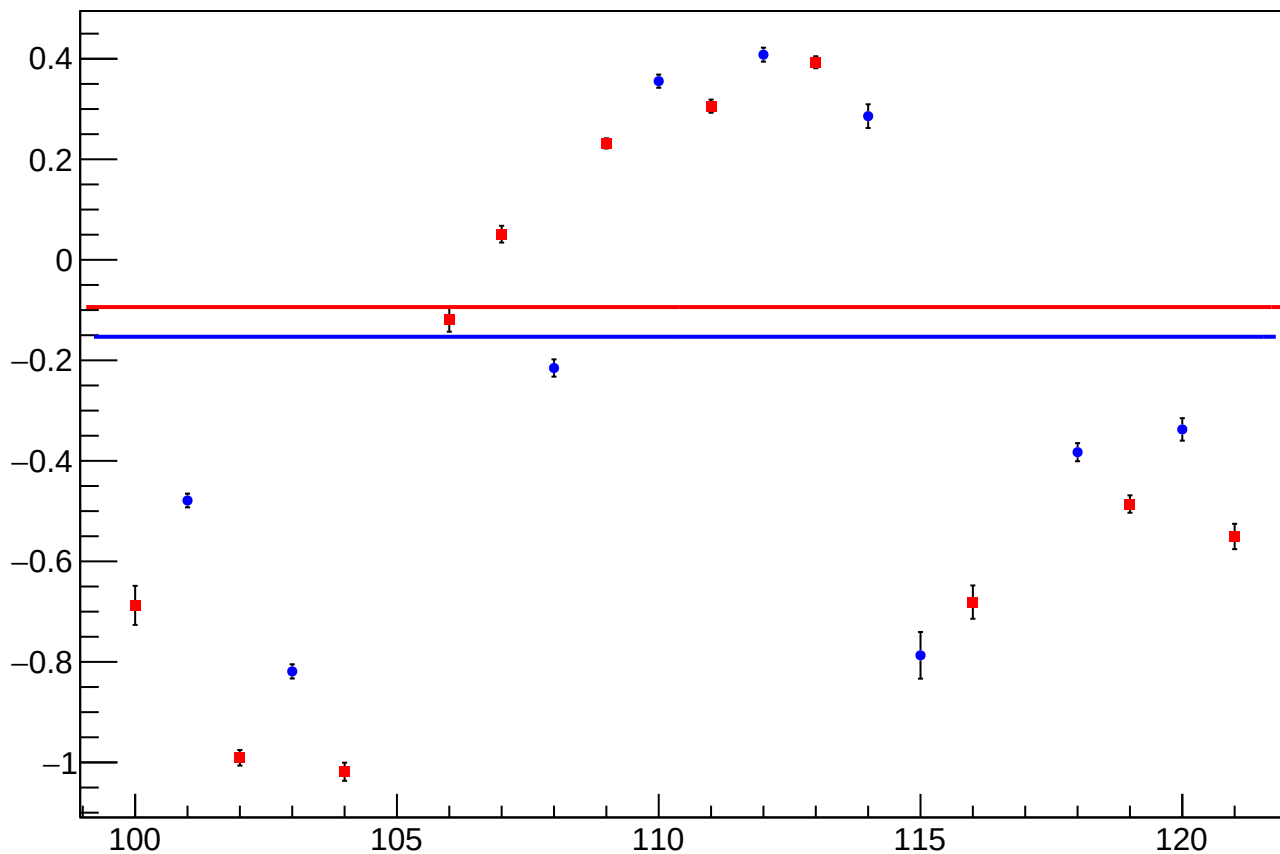
Right: -2.006+/-0.060 χ^2/NDF : 1736.2/19

In: -2.055+/-0.089 χ^2/NDF : 1046.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.006+/-0.060 χ^2/NDF : 1736.2/19

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.006 χ^2/NDF : 6679.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.005 χ^2/NDF : 11093.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

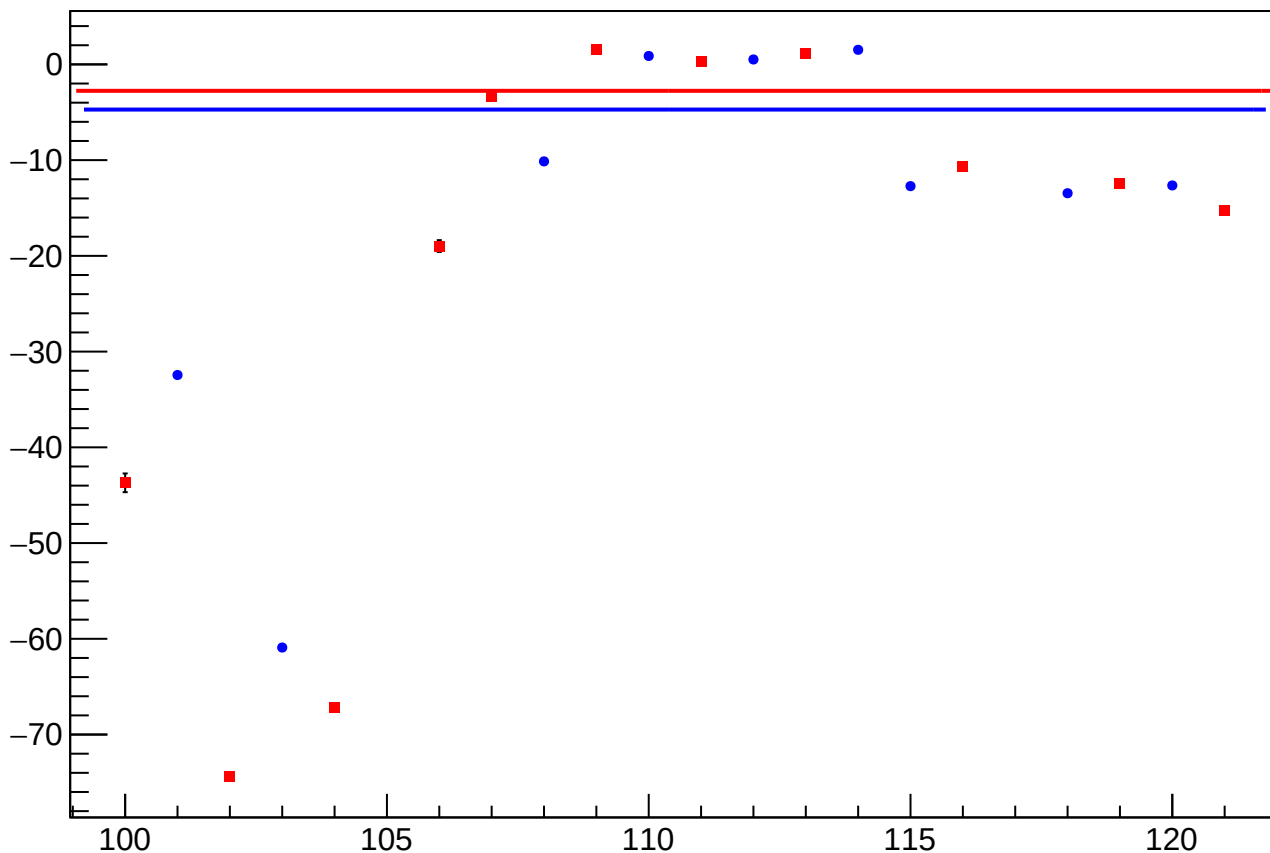
Right: -0.120 ± 0.004 χ^2/NDF : 17836.7/19

In: -0.153 ± 0.006 χ^2/NDF : 6679.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.120 ± 0.004 χ^2/NDF : 17836.7/19

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.718+/-0.068 χ^2/NDF : 32204.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.761+/-0.053 χ^2/NDF : 52288.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

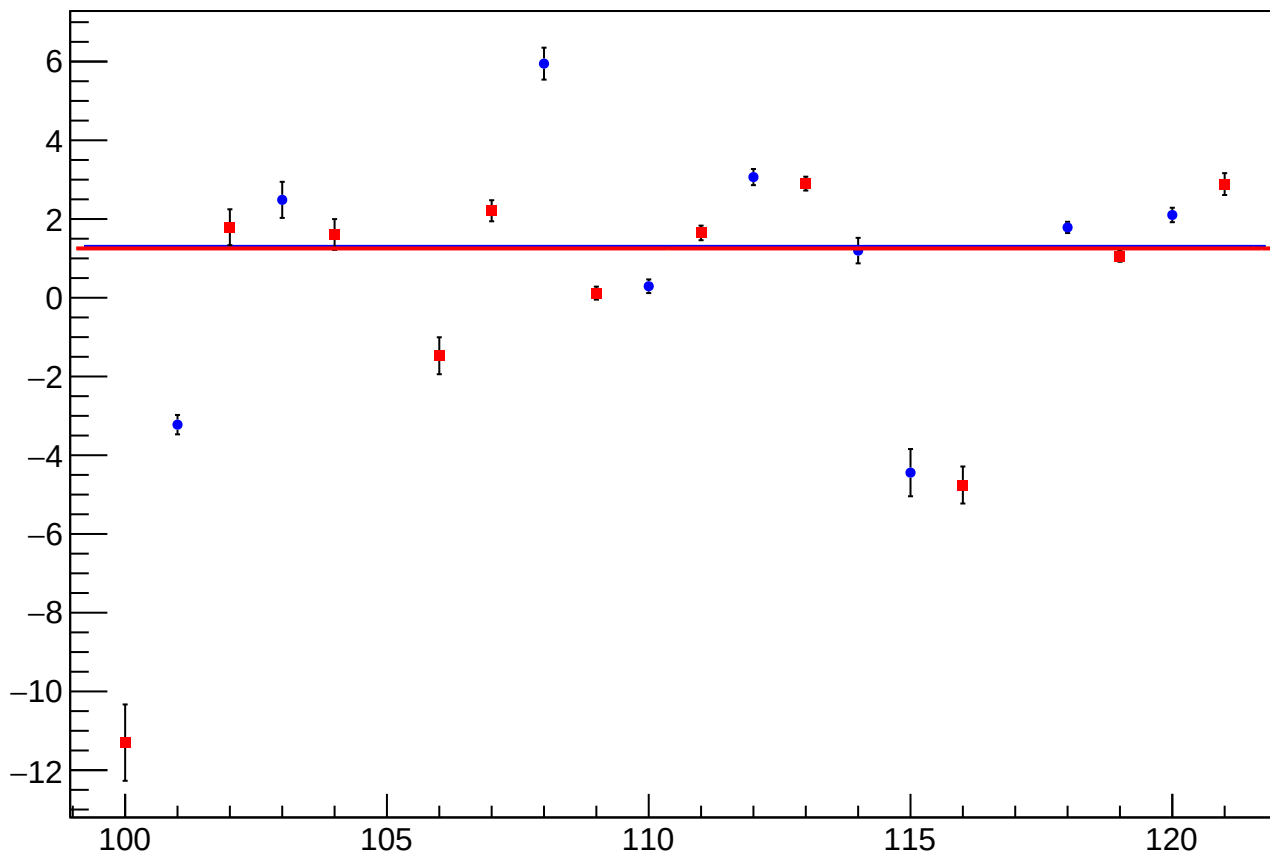
Right: -3.513+/-0.042 χ^2/NDF : 85007.0/19

In: -4.718+/-0.068 χ^2/NDF :32204.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.513+/-0.042 χ^2/NDF : 85007.0/19

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.292 $\pm$ 0.076 χ^2 /NDF: 705.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.253 $\pm$ 0.072 χ^2 /NDF: 555.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

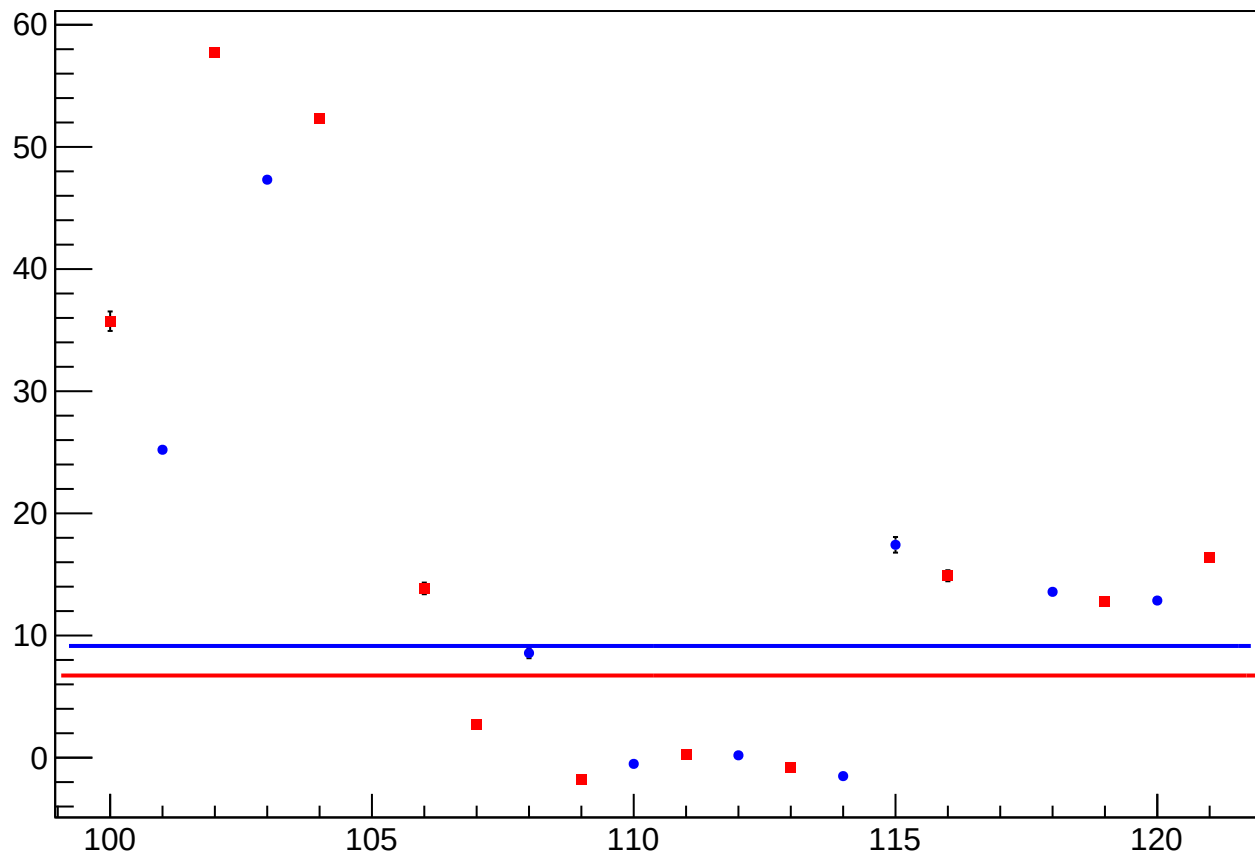
Right: 1.272 $\pm$ 0.052 χ^2 /NDF: 1260.6/19

In: 1.292 $\pm$ 0.076 χ^2 /NDF:705.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.272 $\pm$ 0.052 χ^2 /NDF: 1260.6/19

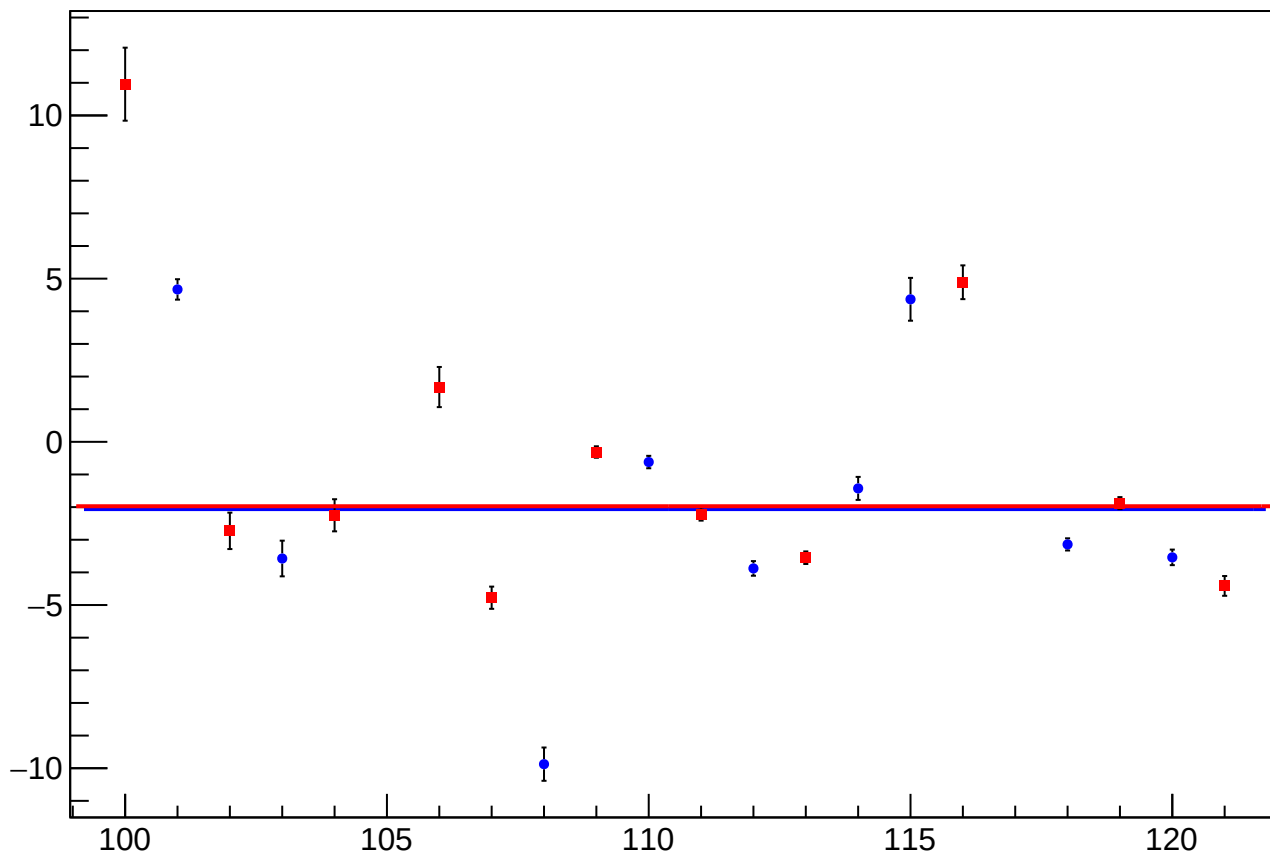
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.146+/-0.084 χ^2/NDF : 24585.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.726+/-0.072 χ^2/NDF : 44934.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.755+/-0.055 χ^2/NDF : 70000.3/19
 In: 9.146+/-0.084 χ^2/NDF : 24585.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.755+/-0.055 χ^2/NDF : 70000.3/19

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.060+/-0.091 χ^2/NDF : 999.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.973+/-0.082 χ^2/NDF : 638.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

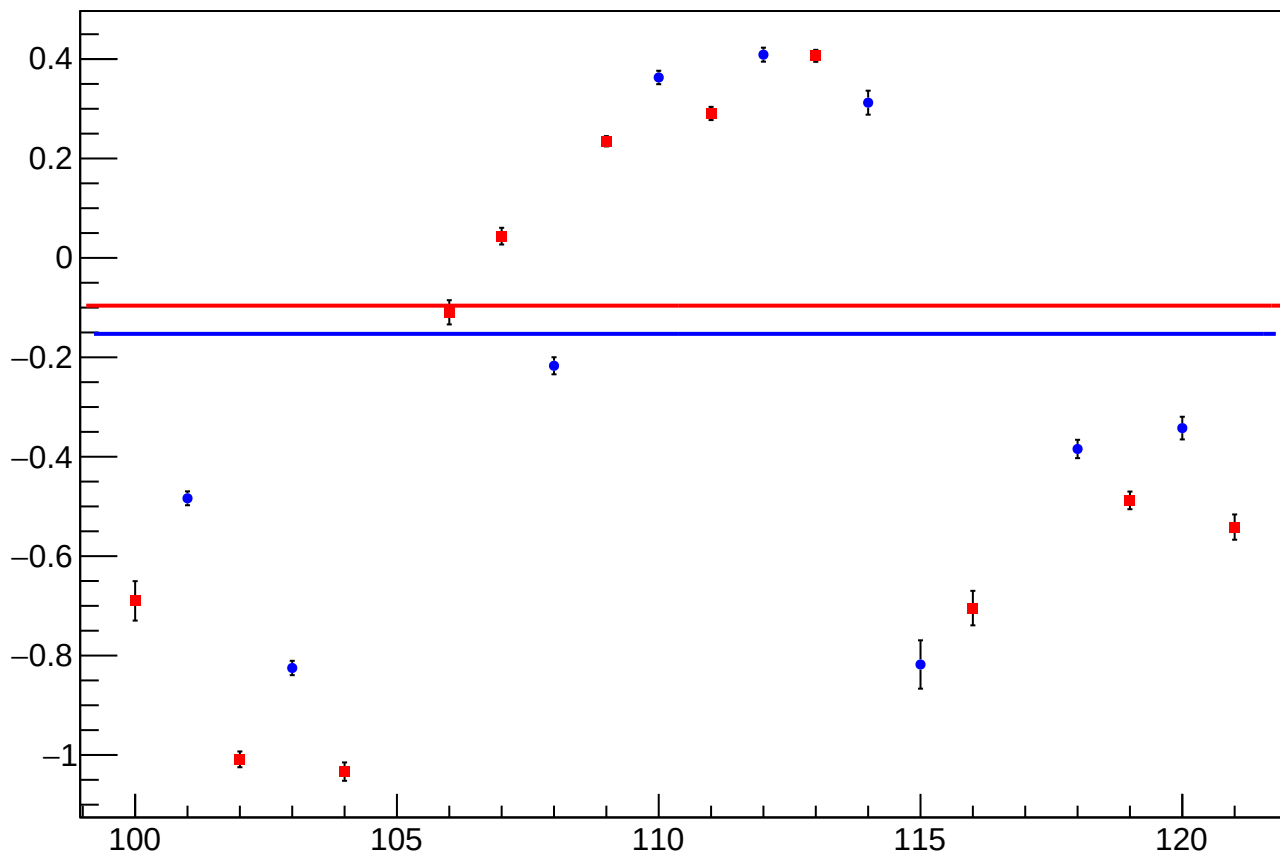
Right: -2.013+/-0.061 χ^2/NDF : 1638.1/19

In: -2.060+/-0.091 χ^2/NDF : 999.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.013+/-0.061 χ^2/NDF : 1638.1/19

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153+/-0.006 χ^2/NDF : 6567.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.096+/-0.005 χ^2/NDF : 10859.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

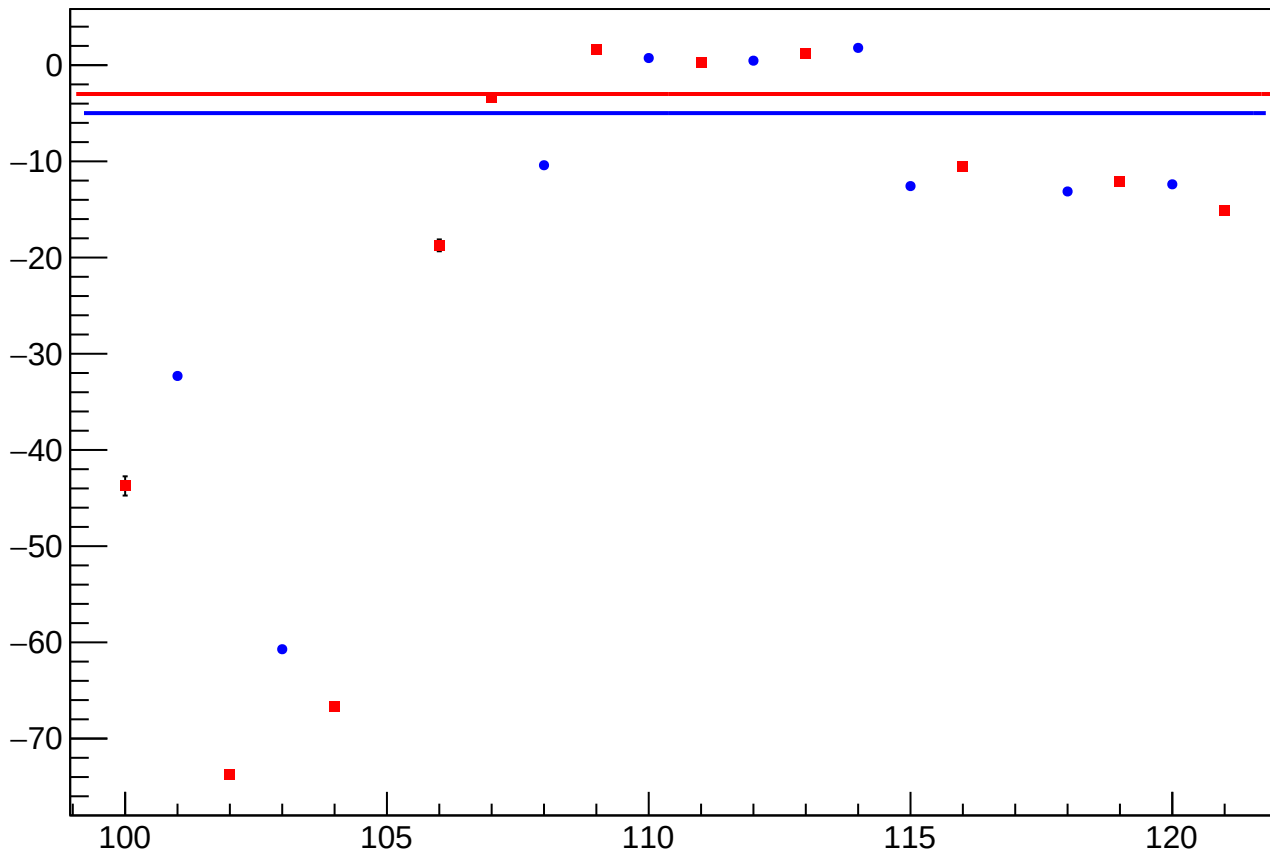
Right: -0.121+/-0.004 χ^2/NDF : 17483.2/19

In: -0.153+/-0.006 χ^2/NDF :6567.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.121+/-0.004 χ^2/NDF : 17483.2/19

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.986+/-0.069 χ^2/NDF : 31295.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.999+/-0.055 χ^2/NDF : 51104.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

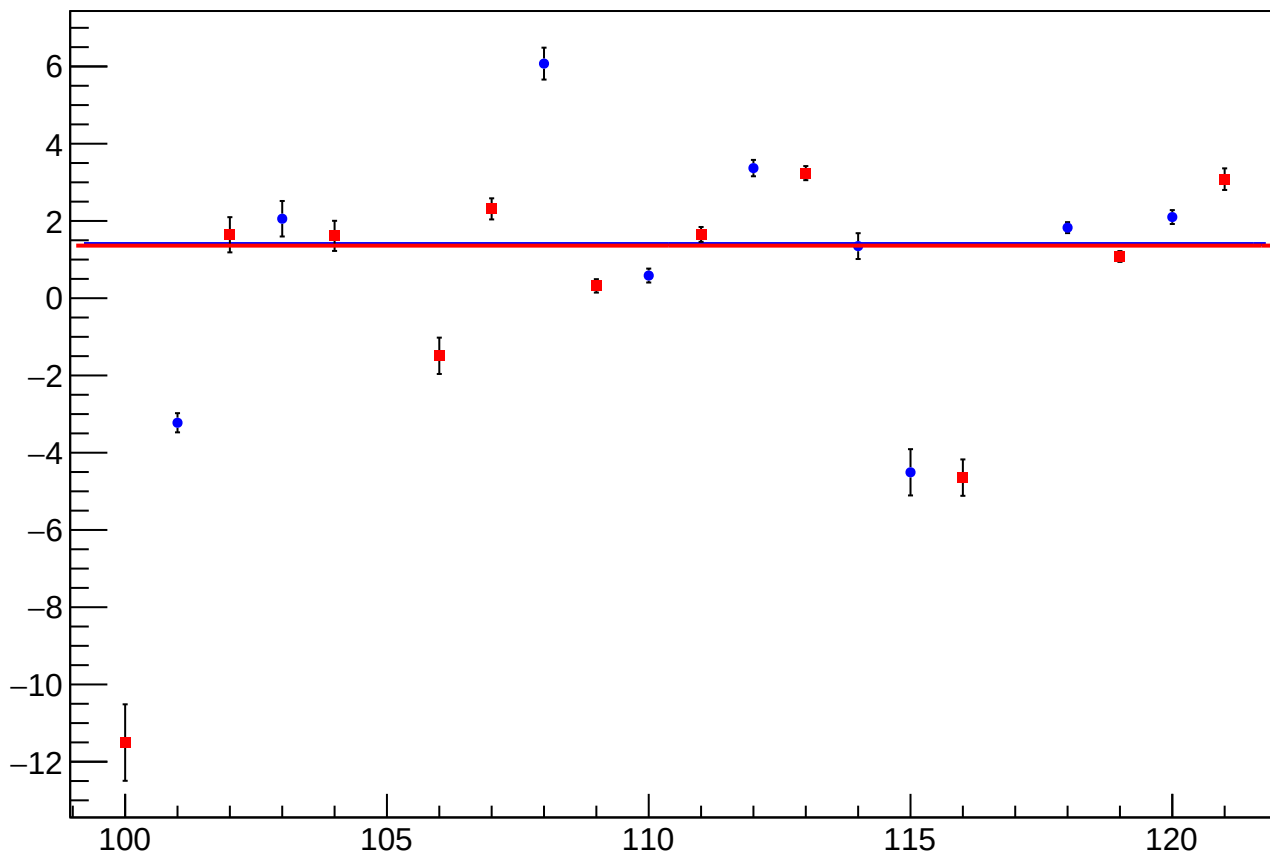
Right: -3.770+/-0.043 χ^2/NDF : 82902.1/19

In: -4.986+/-0.069 χ^2/NDF :31295.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.770+/-0.043 χ^2/NDF : 82902.1/19

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.402 $\pm$ 0.076 χ^2 /NDF: 705.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.361 $\pm$ 0.073 χ^2 /NDF: 567.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

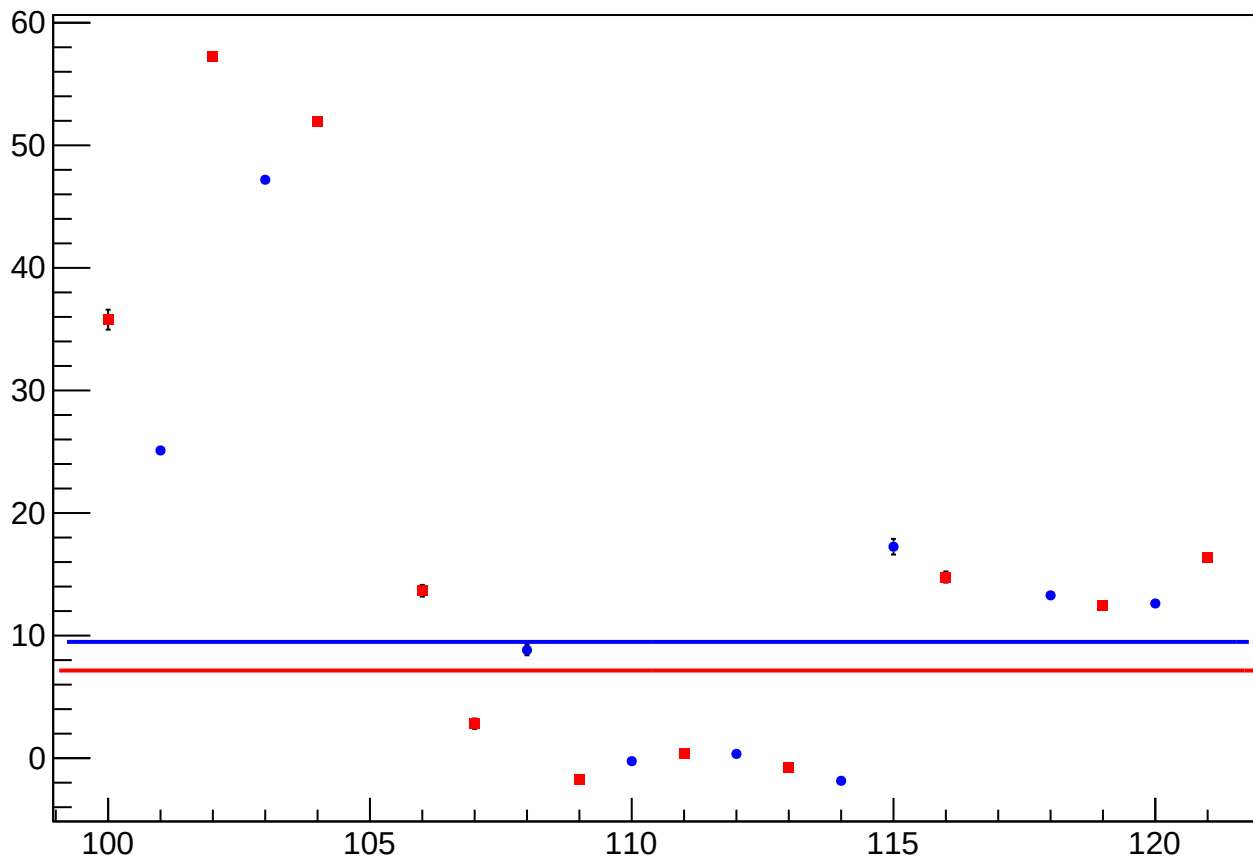
Right: 1.381 $\pm$ 0.053 χ^2 /NDF: 1272.7/19

In: 1.402 $\pm$ 0.076 χ^2 /NDF:705.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.381 $\pm$ 0.053 χ^2 /NDF: 1272.7/19

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.487+/-0.085 χ^2/NDF : 23598.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.150+/-0.074 χ^2/NDF : 43465.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

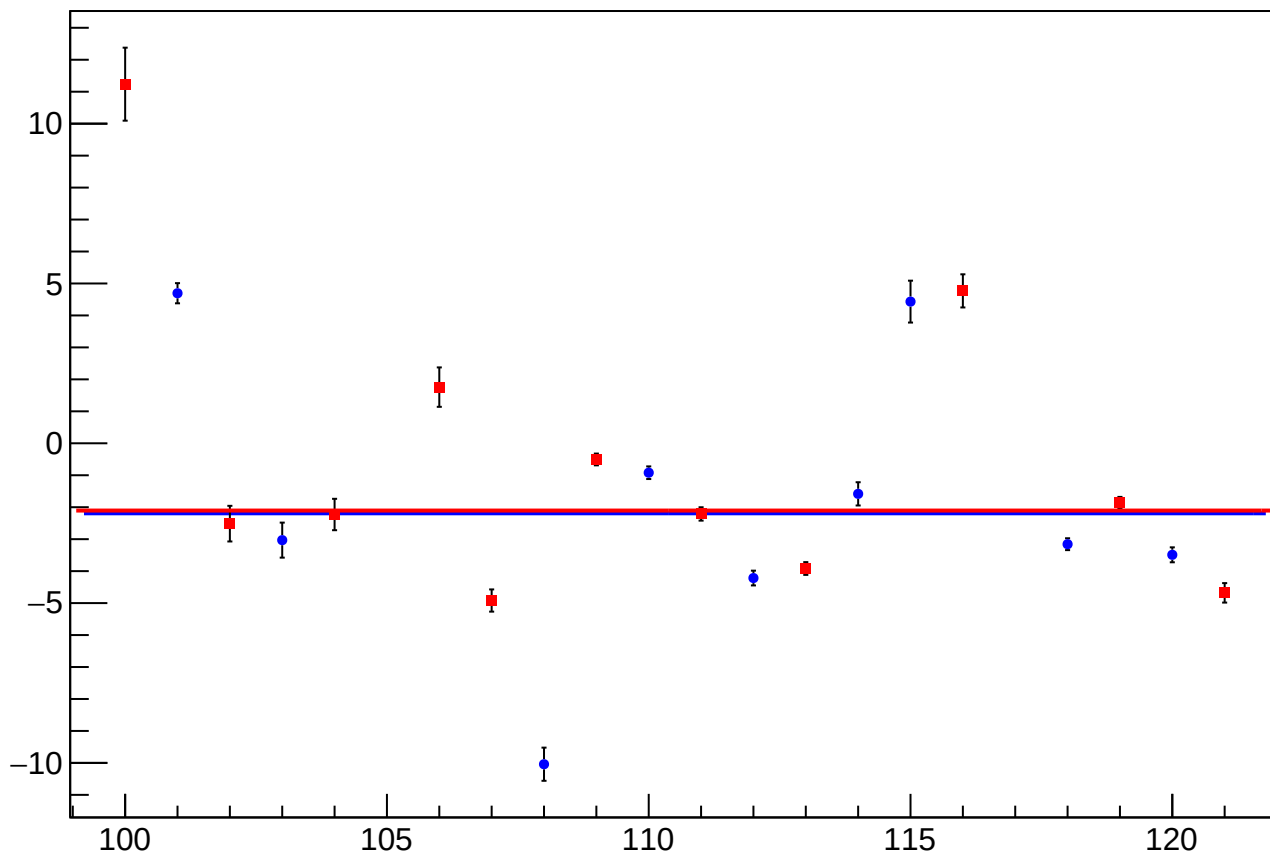
Right: 8.153+/-0.056 χ^2/NDF : 67493.7/19

In: 9.487+/-0.085 χ^2/NDF : 23598.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.153+/-0.056 χ^2/NDF : 67493.7/19

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.191+/-0.092 χ^2/NDF : 988.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.105+/-0.084 χ^2/NDF : 649.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

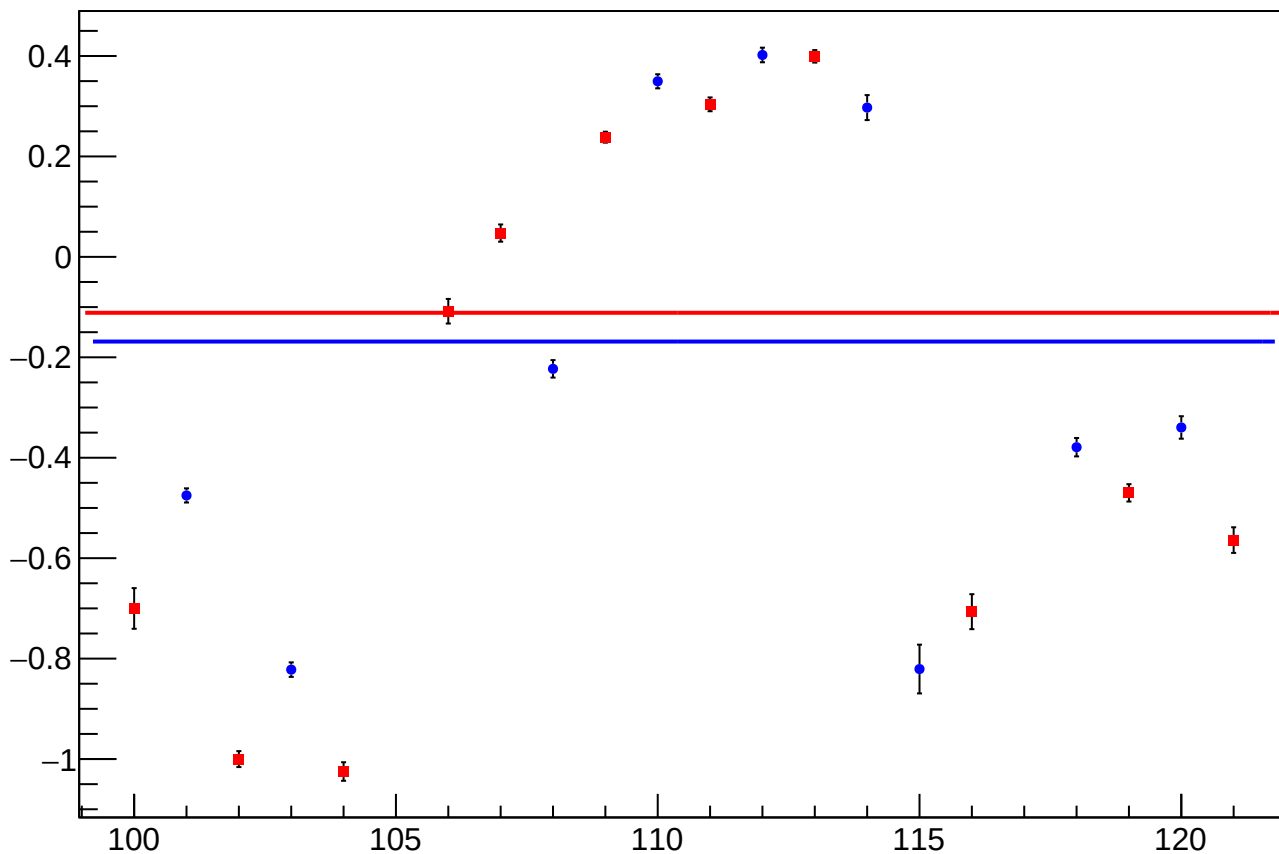
Right: -2.144+/-0.062 χ^2/NDF : 1638.3/19

In: -2.191+/-0.092 χ^2/NDF : 988.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.144+/-0.062 χ^2/NDF : 1638.3/19

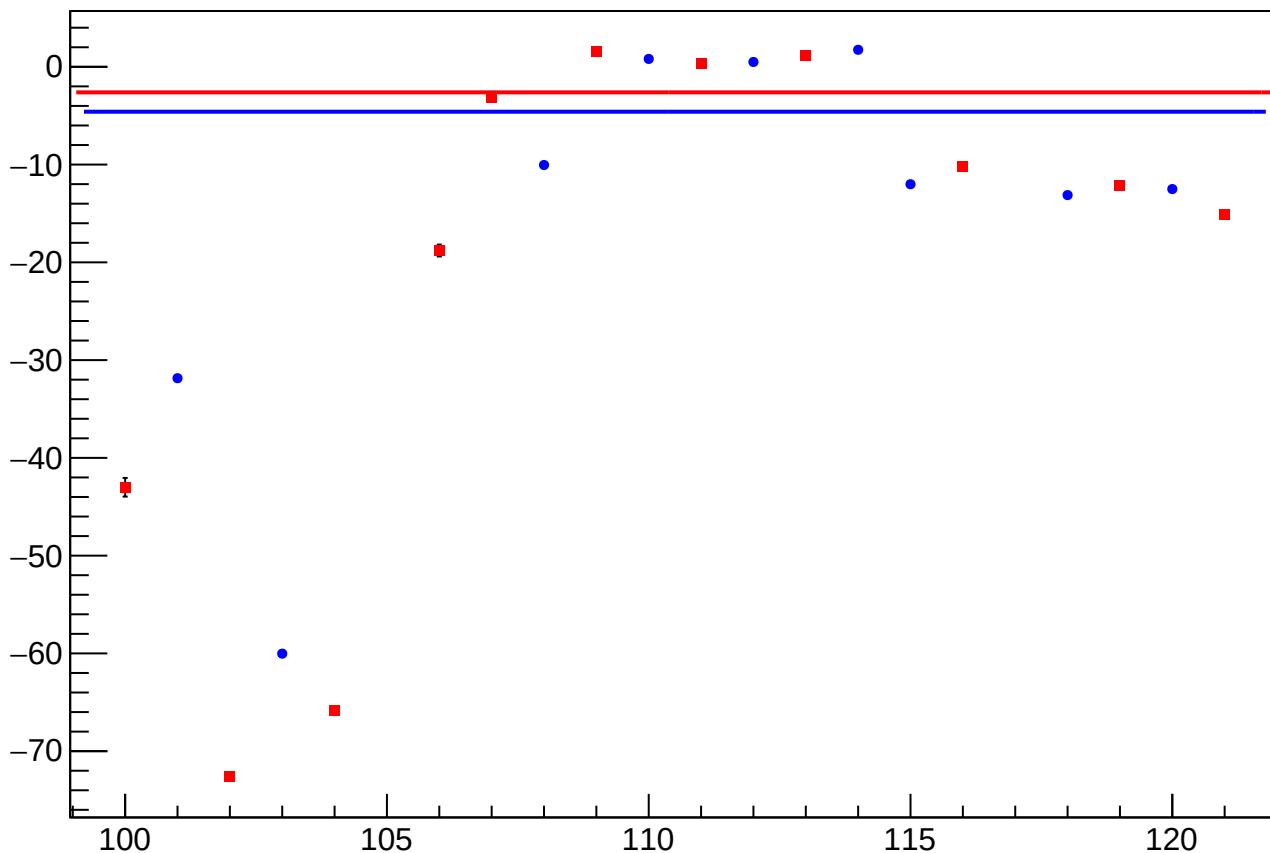
reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.169 ± 0.006 χ^2/NDF : 6147.1/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.111 ± 0.005 χ^2/NDF : 10525.0/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.136 ± 0.004 χ^2/NDF : 16727.3/19
 In: -0.169 ± 0.006 χ^2/NDF : 6147.1/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.136 ± 0.004 χ^2/NDF : 16727.3/19

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.592+/-0.066 χ^2/NDF : 32712.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.611+/-0.052 χ^2/NDF : 52799.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

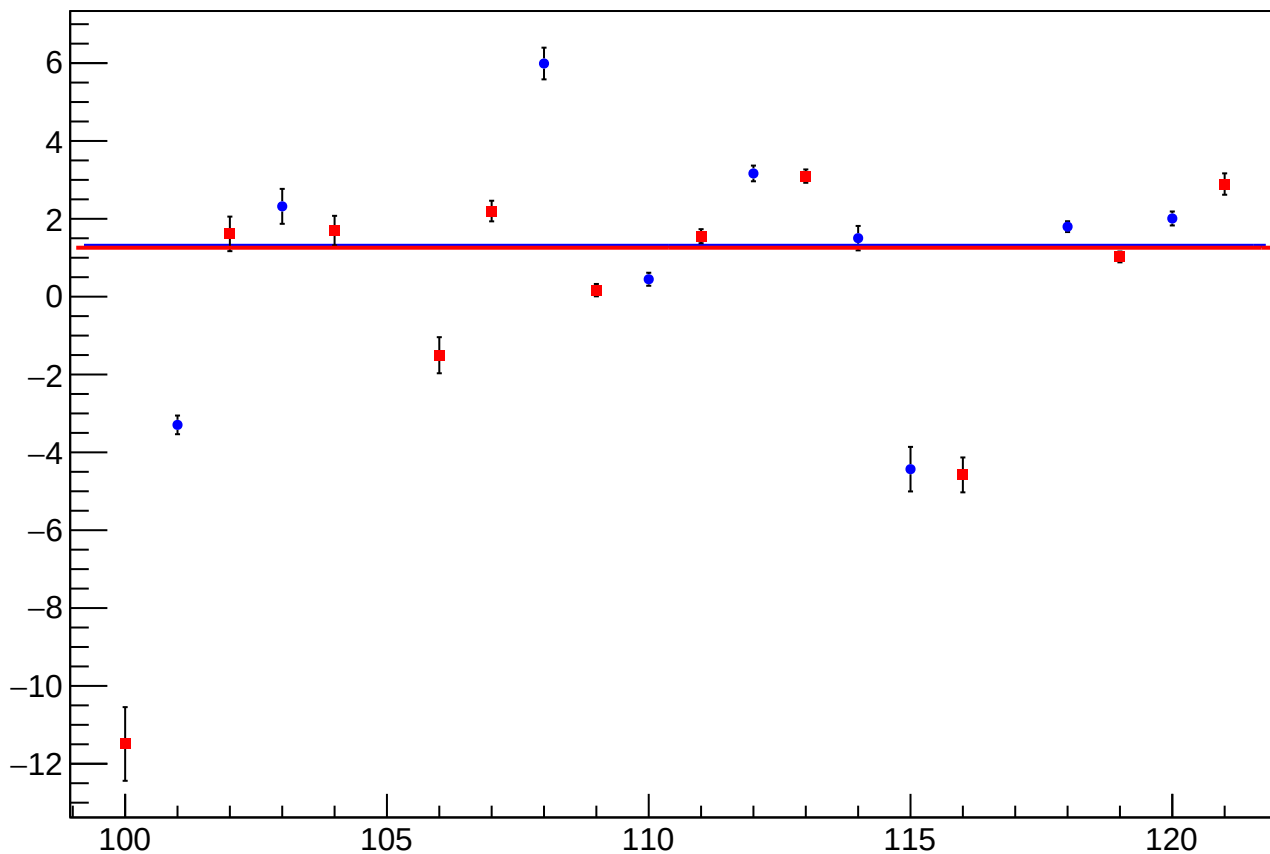
Right: -3.368+/-0.041 χ^2/NDF : 86071.7/19

In: -4.592+/-0.066 χ^2/NDF :32712.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.368+/-0.041 χ^2/NDF : 86071.7/19

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.307 $\pm$ 0.074 χ^2 /NDF: 745.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.257 $\pm$ 0.070 χ^2 /NDF: 604.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

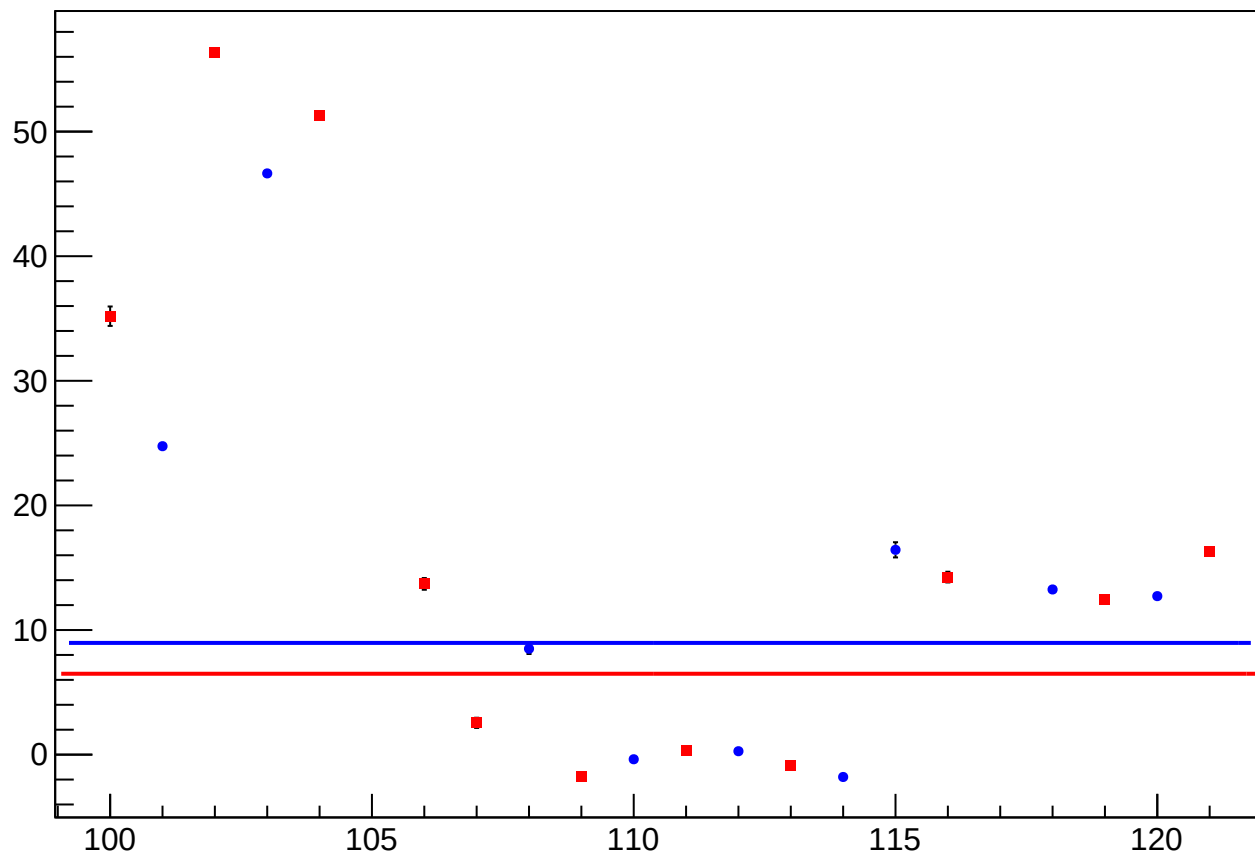
Right: 1.281 $\pm$ 0.051 χ^2 /NDF: 1350.1/19

In: 1.307 $\pm$ 0.074 χ^2 /NDF:745.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.281 $\pm$ 0.051 χ^2 /NDF: 1350.1/19

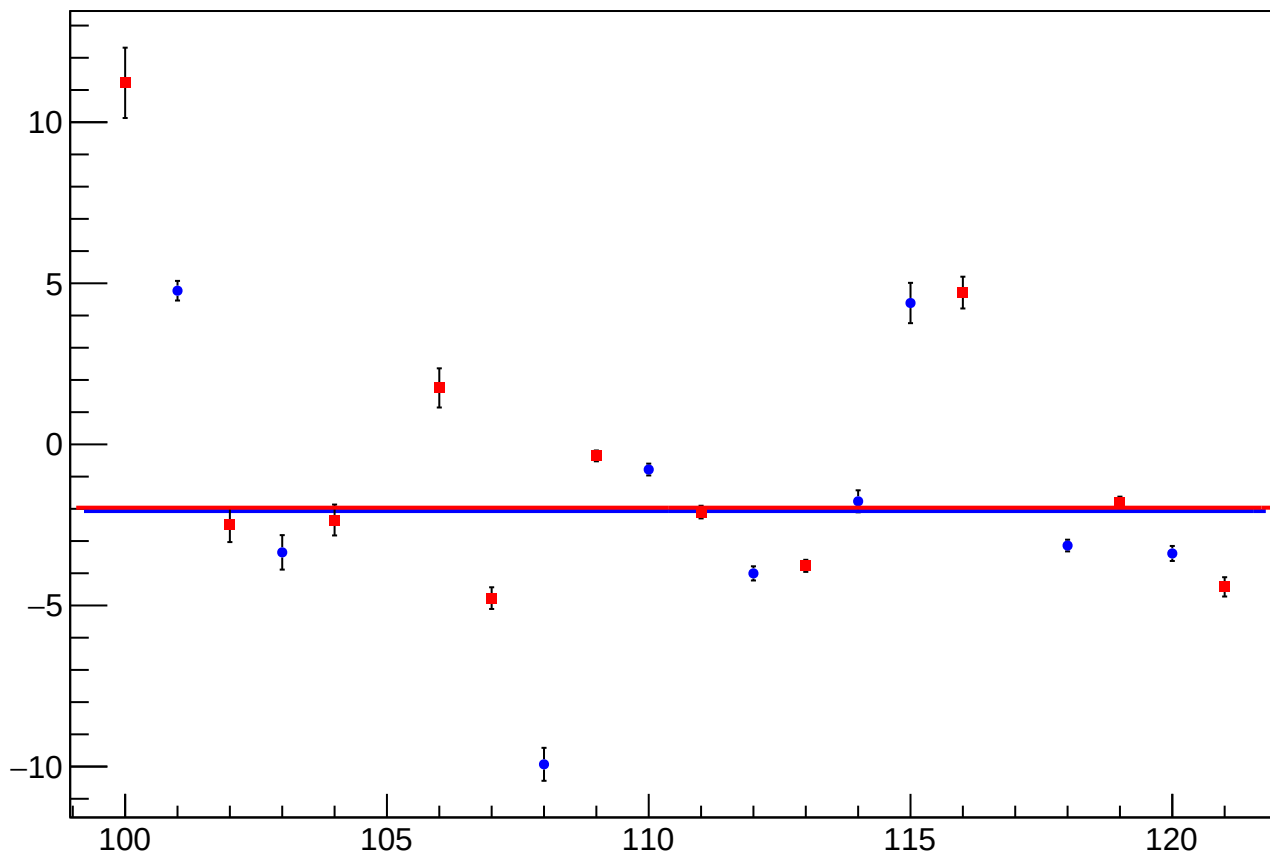
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.966+/-0.082 χ^2/NDF : 24950.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.491+/-0.070 χ^2/NDF : 45413.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.540+/-0.053 χ^2/NDF : 70894.6/19
 In: 8.966+/-0.082 χ^2/NDF : 24950.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.540+/-0.053 χ^2/NDF : 70894.6/19

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.070+/-0.088 χ^2/NDF : 1046.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.964+/-0.080 χ^2/NDF : 690.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

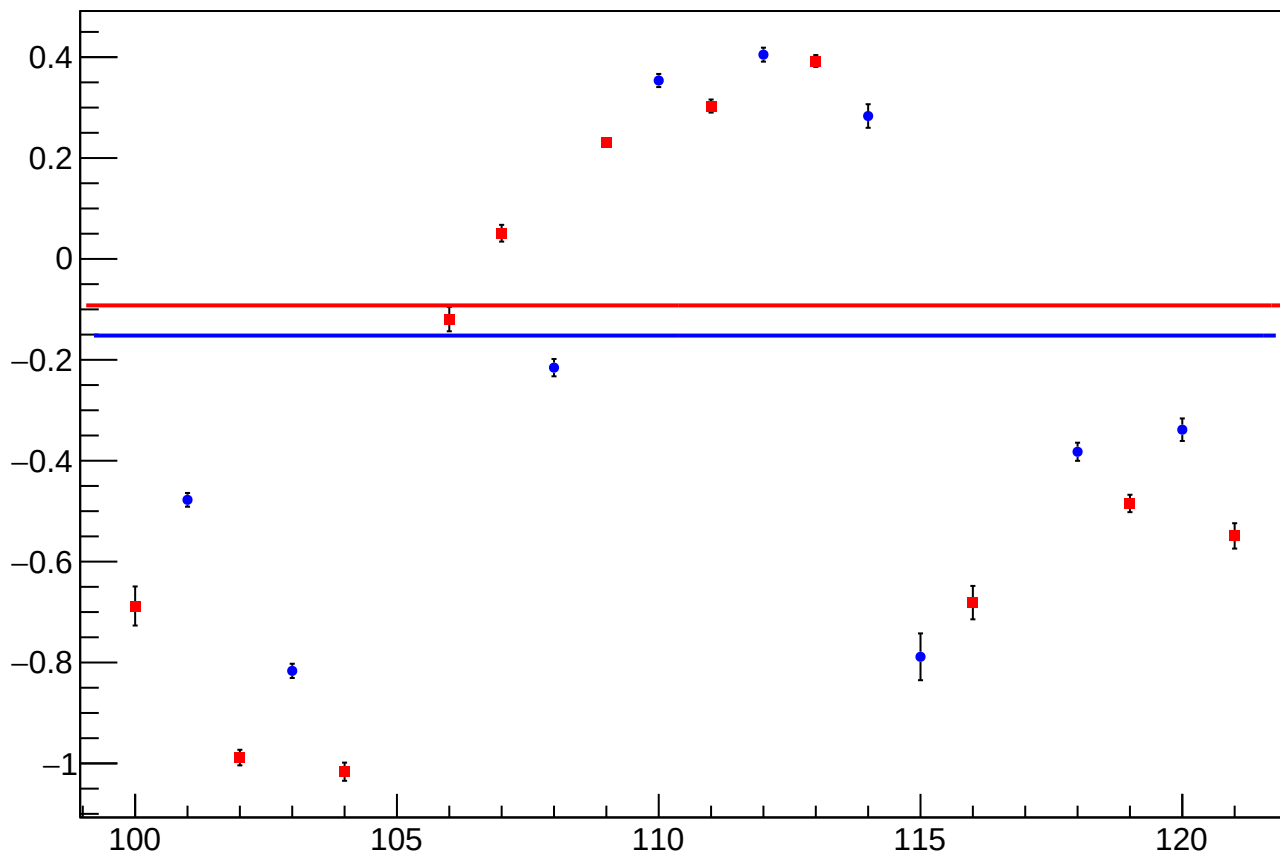
Right: -2.012+/-0.059 χ^2/NDF : 1737.0/19

In: -2.070+/-0.088 χ^2/NDF : 1046.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.012+/-0.059 χ^2/NDF : 1737.0/19

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.152 ± 0.006 χ^2/NDF : 6692.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.092 ± 0.005 χ^2/NDF : 11133.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

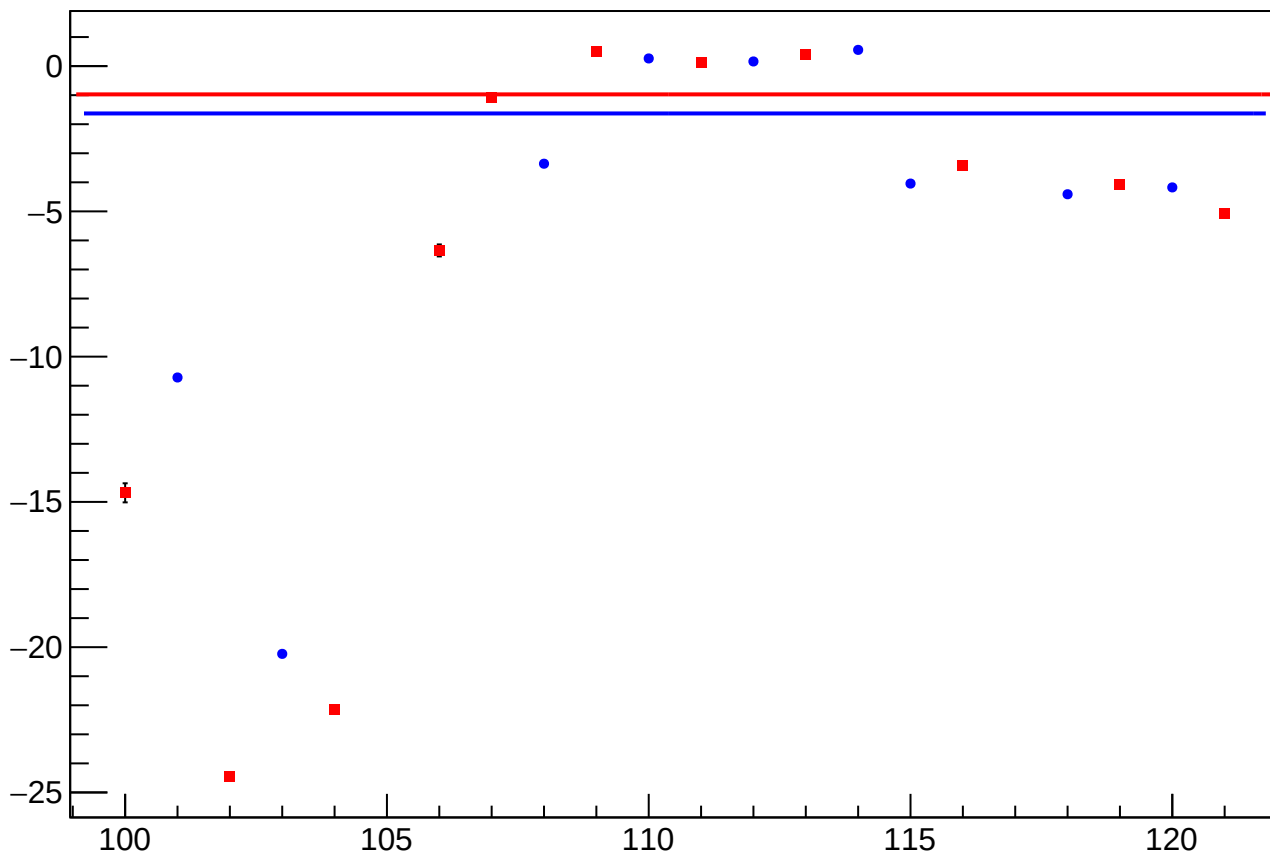
Right: -0.118 ± 0.004 χ^2/NDF : 17891.8/19

In: -0.152 ± 0.006 χ^2/NDF : 6692.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.118 ± 0.004 χ^2/NDF : 17891.8/19

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.630 $\pm$ 0.023 χ^2 /NDF: 31940.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.973 $\pm$ 0.018 χ^2 /NDF: 51798.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

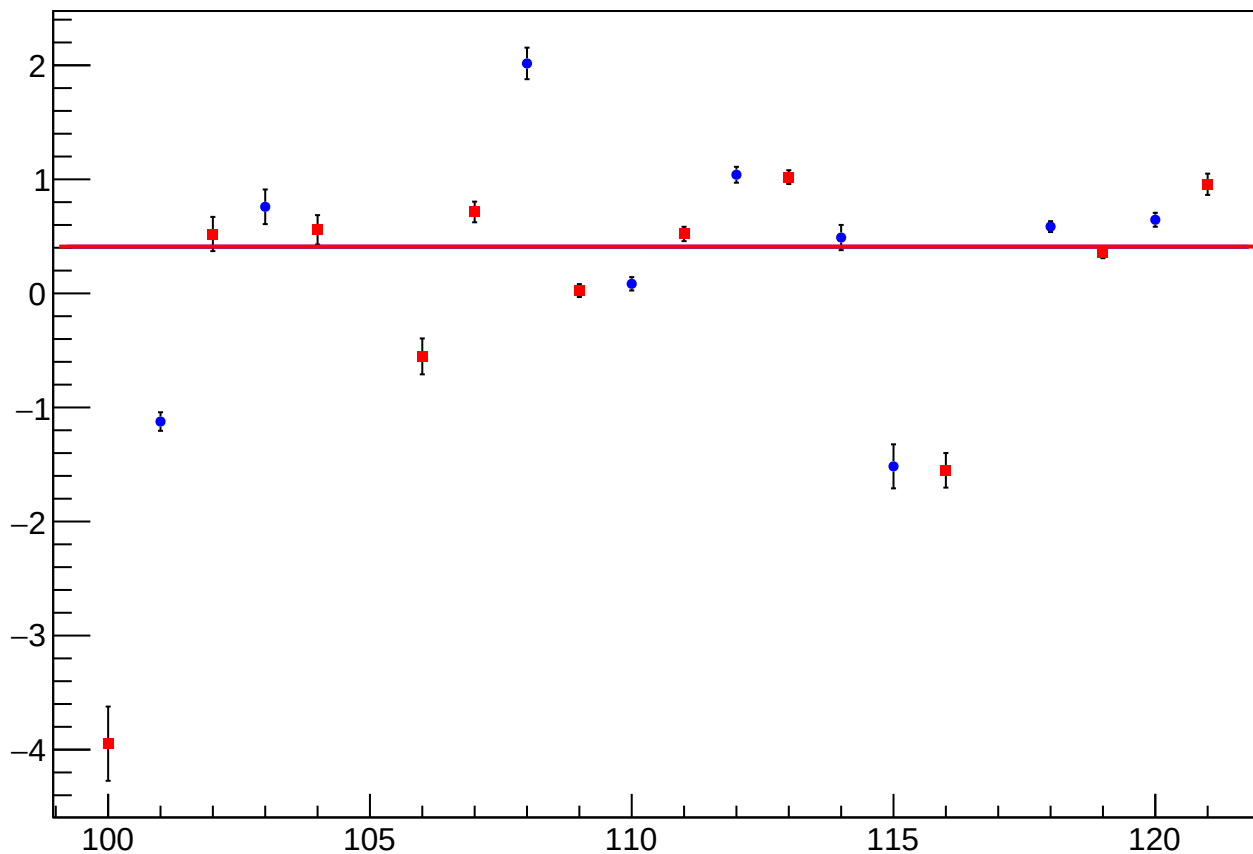
Right: -1.227 $\pm$ 0.014 χ^2 /NDF: 84245.8/19

In: -1.630 $\pm$ 0.023 χ^2 /NDF:31940.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.227 $\pm$ 0.014 χ^2 /NDF: 84245.8/19

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.409 $\pm$ 0.025 χ^2 /NDF: 737.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.411 $\pm$ 0.024 χ^2 /NDF: 584.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

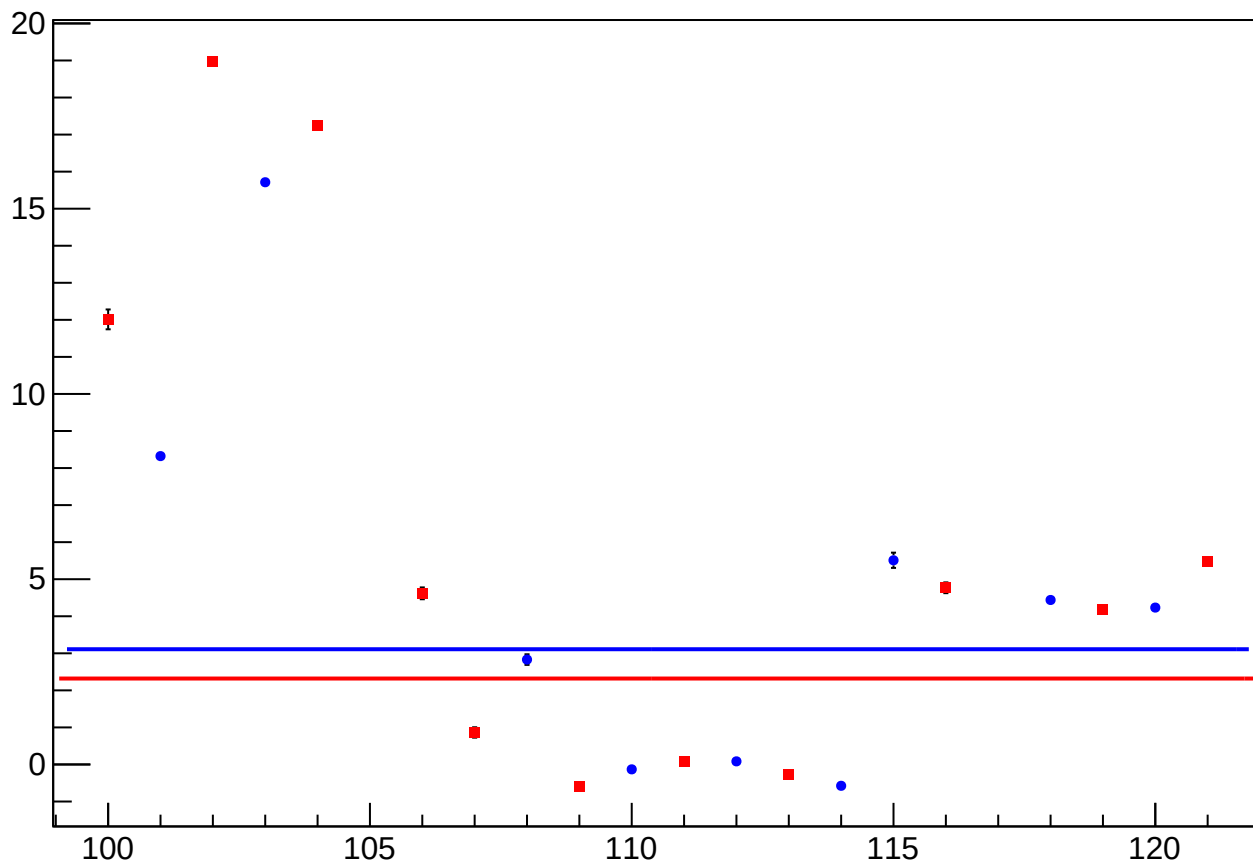
Right: 0.410 $\pm$ 0.017 χ^2 /NDF: 1322.2/19

In: 0.409 $\pm$ 0.025 χ^2 /NDF:737.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.410 $\pm$ 0.017 χ^2 /NDF: 1322.2/19

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.110+/-0.028 χ^2/NDF : 24207.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.319+/-0.024 χ^2/NDF : 44277.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

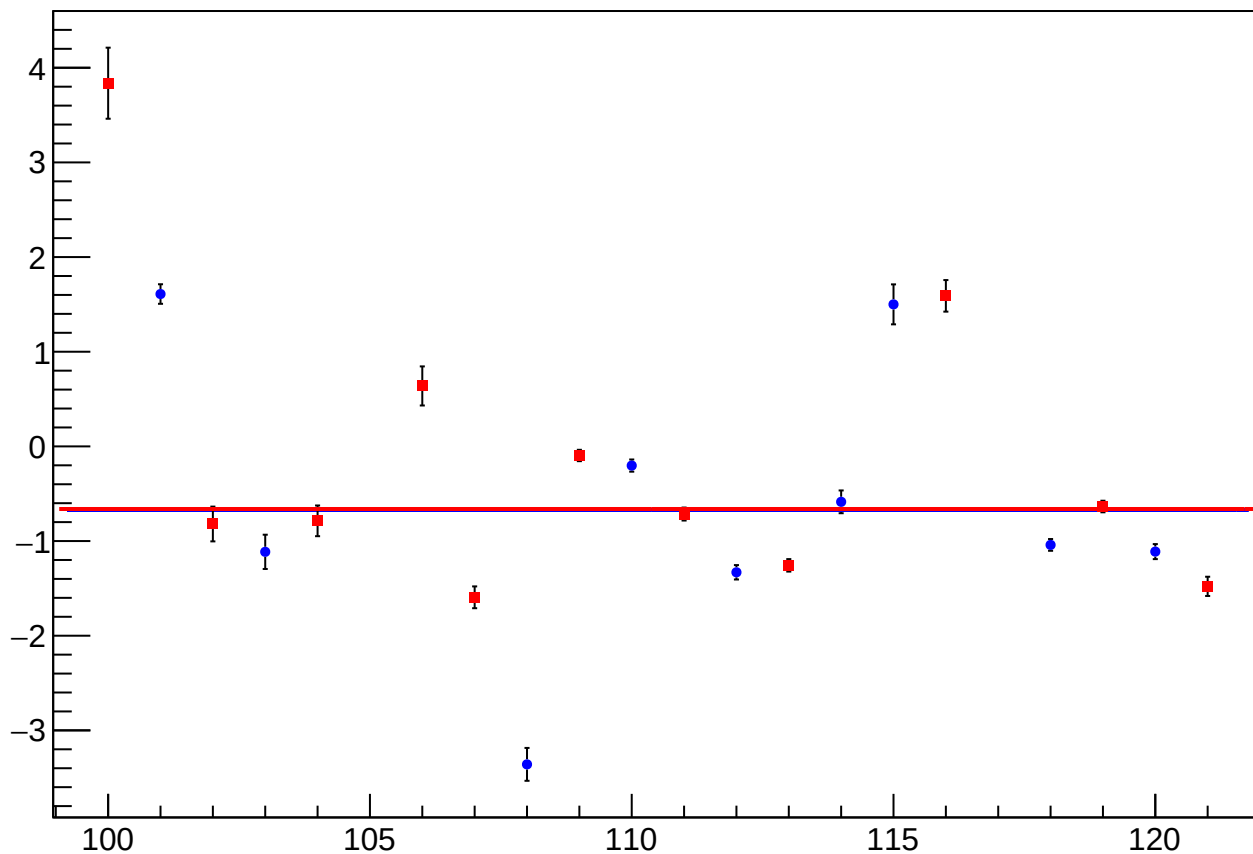
Right: 2.659+/-0.018 χ^2/NDF : 68937.6/19

In: 3.110+/-0.028 χ^2/NDF : 24207.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.659+/-0.018 χ^2/NDF : 68937.6/19

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.672 $\pm$ 0.030 χ^2 /NDF: 1033.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.661 $\pm$ 0.028 χ^2 /NDF: 668.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

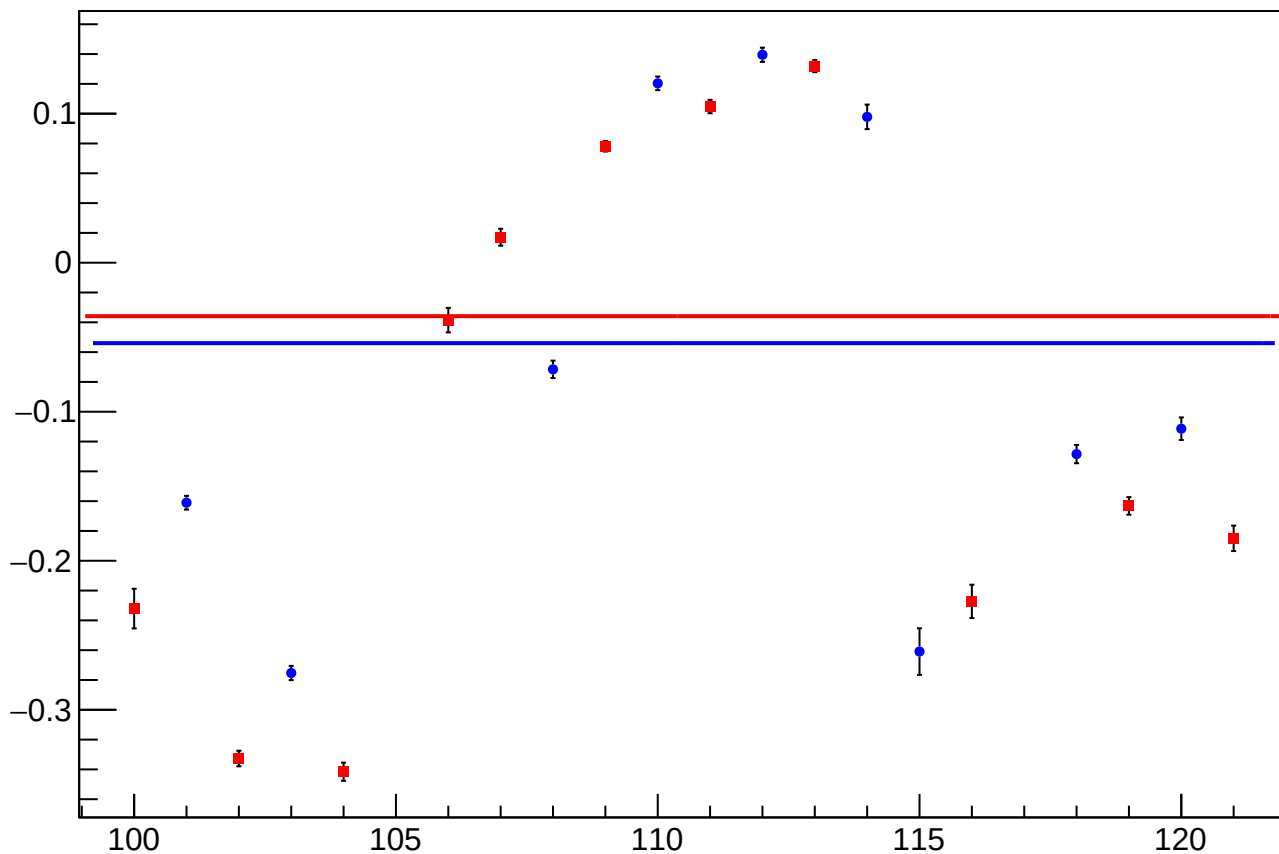
Right: -0.666 $\pm$ 0.021 χ^2 /NDF: 1702.0/19

In: -0.672 $\pm$ 0.030 χ^2 /NDF:1033.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.666 $\pm$ 0.021 χ^2 /NDF: 1702.0/19

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.054+/-0.002 χ^2/NDF : 6497.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.036+/-0.002 χ^2/NDF : 10754.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

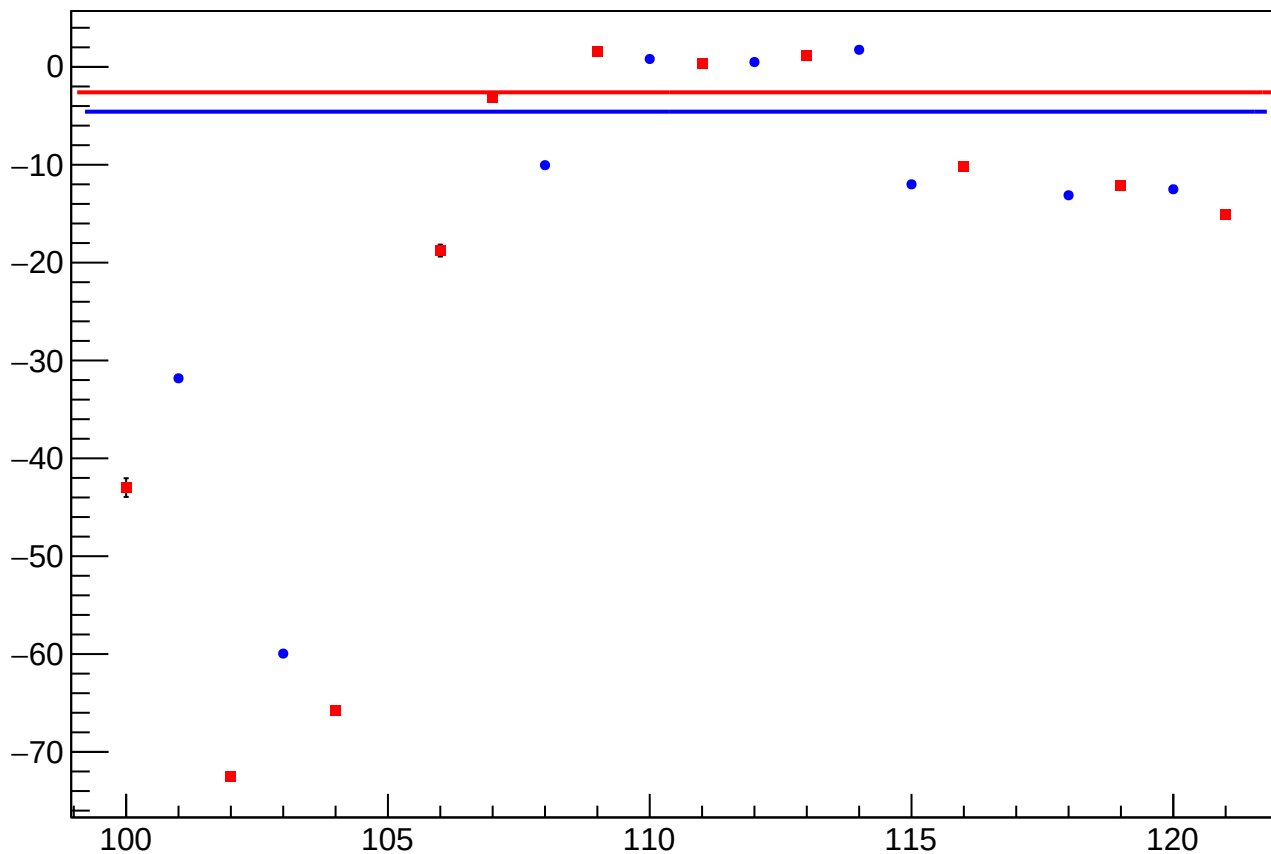
Right: -0.044+/-0.001 χ^2/NDF : 17302.1/19

In: -0.054+/-0.002 χ^2/NDF :6497.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.044+/-0.001 χ^2/NDF : 17302.1/19

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.575+/-0.066 χ^2/NDF : 32729.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.597+/-0.052 χ^2/NDF : 52818.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

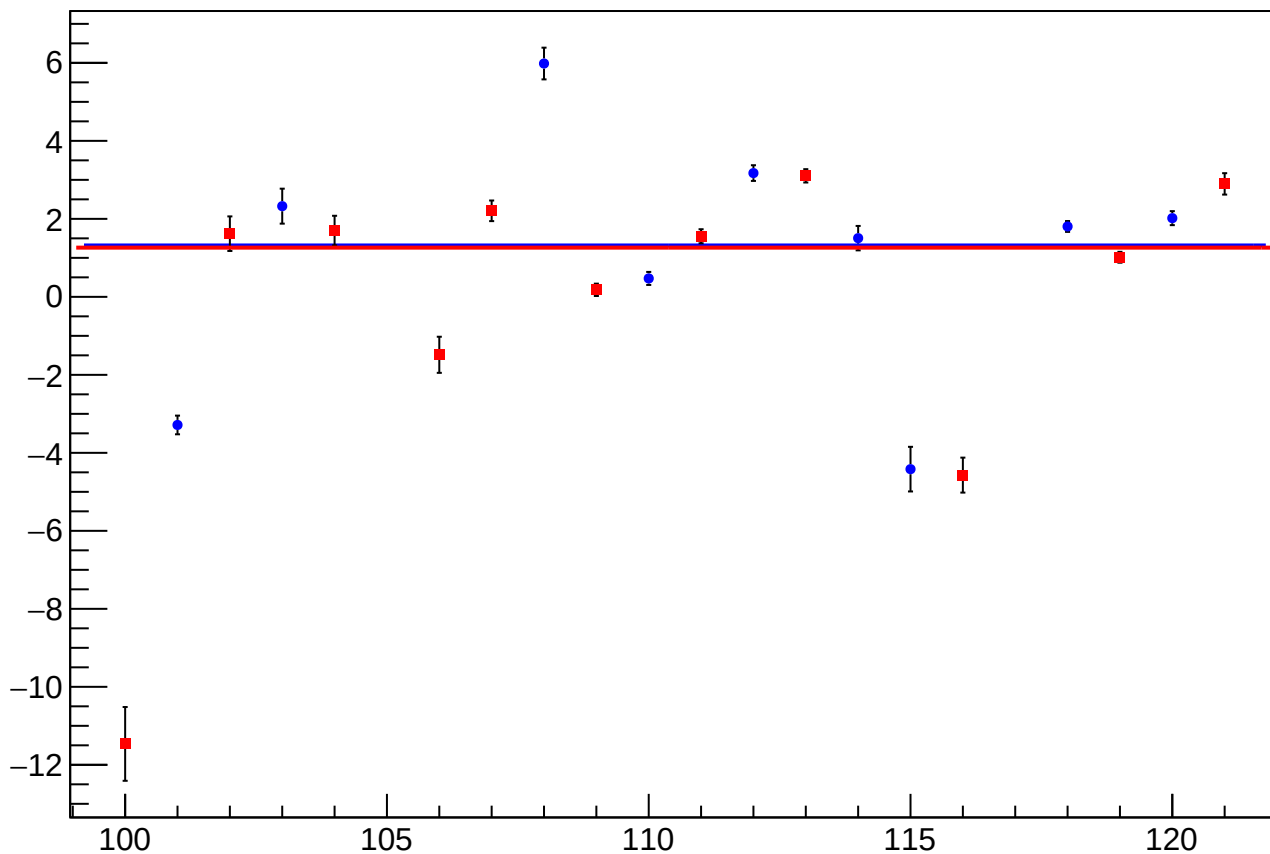
Right: -3.353+/-0.041 χ^2/NDF : 86108.6/19

In: -4.575+/-0.066 χ^2/NDF : 32729.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.353+/-0.041 χ^2/NDF : 86108.6/19

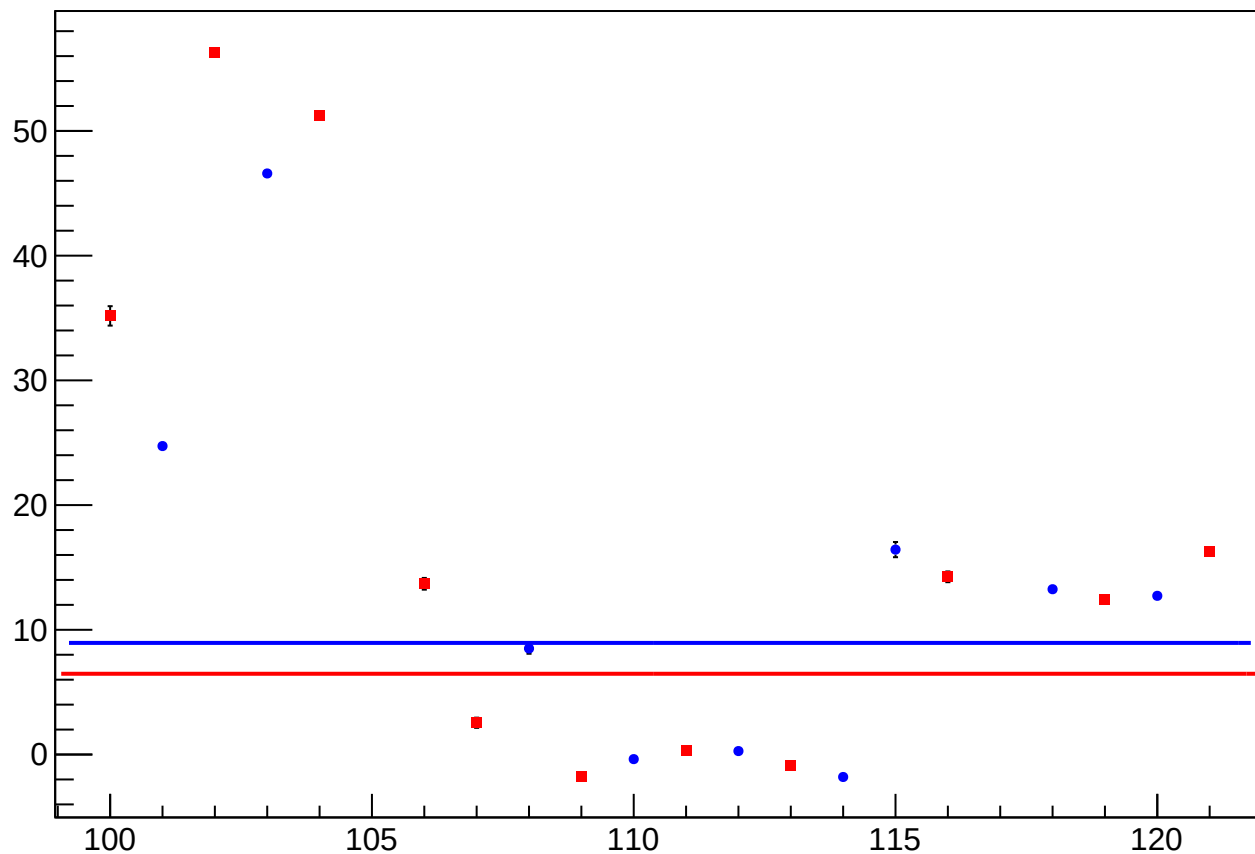
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.317+/-0.073 χ^2/NDF : 744.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.262+/-0.070 χ^2/NDF : 603.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.288+/-0.051 χ^2/NDF : 1348.9/19
 In: 1.317+/-0.073 χ^2/NDF : 744.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.288+/-0.051 χ^2/NDF : 1348.9/19

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.949+/-0.081 χ^2/NDF : 24967.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.475+/-0.070 χ^2/NDF : 45434.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

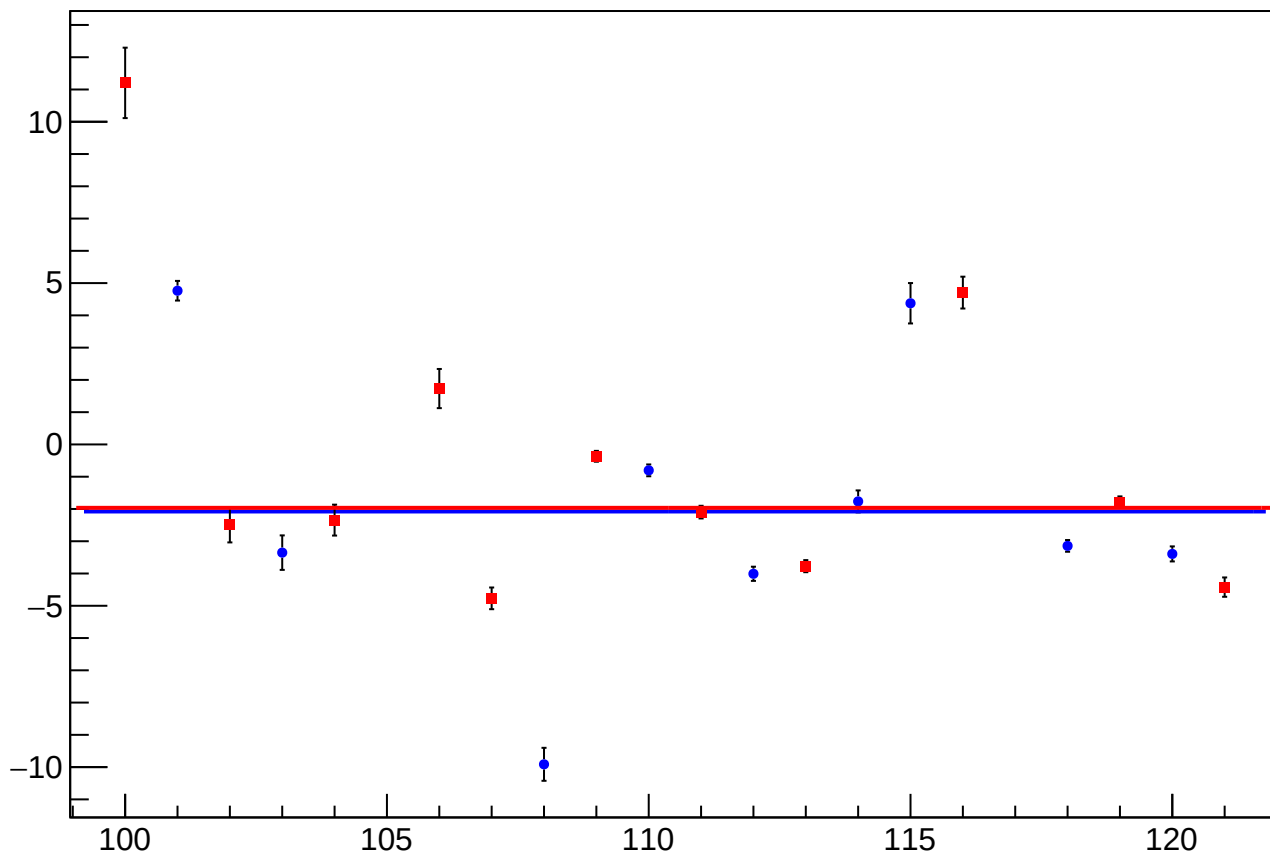
Right: 7.523+/-0.053 χ^2/NDF : 70935.0/19

In: 8.949+/-0.081 χ^2/NDF : 24967.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.523+/-0.053 χ^2/NDF : 70935.0/19

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.078+/-0.088 χ^2/NDF : 1045.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.965+/-0.080 χ^2/NDF : 689.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

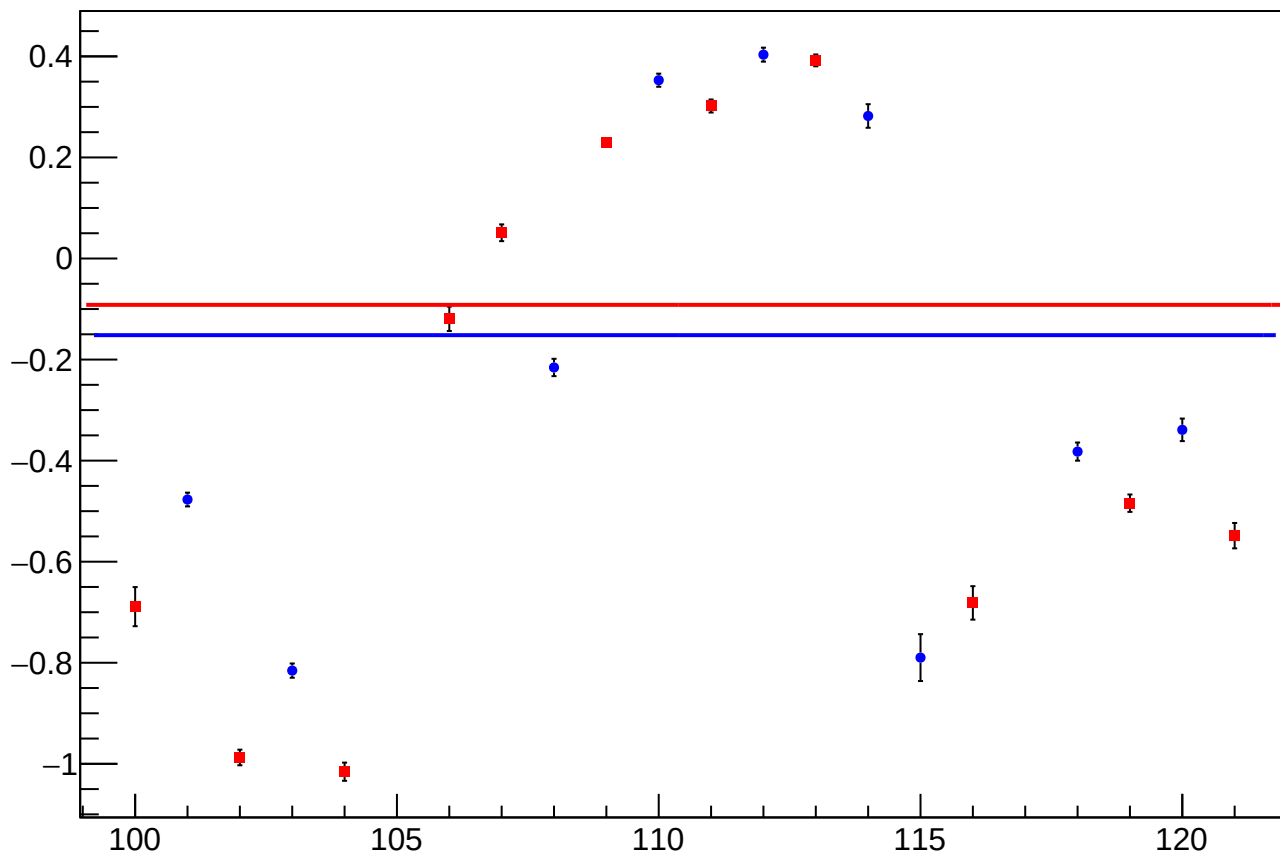
Right: -2.016+/-0.059 χ^2/NDF : 1735.3/19

In: -2.078+/-0.088 χ^2/NDF : 1045.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.016+/-0.059 χ^2/NDF : 1735.3/19

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.152 ± 0.006 χ^2/NDF : 6689.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.092 ± 0.005 χ^2/NDF : 11138.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

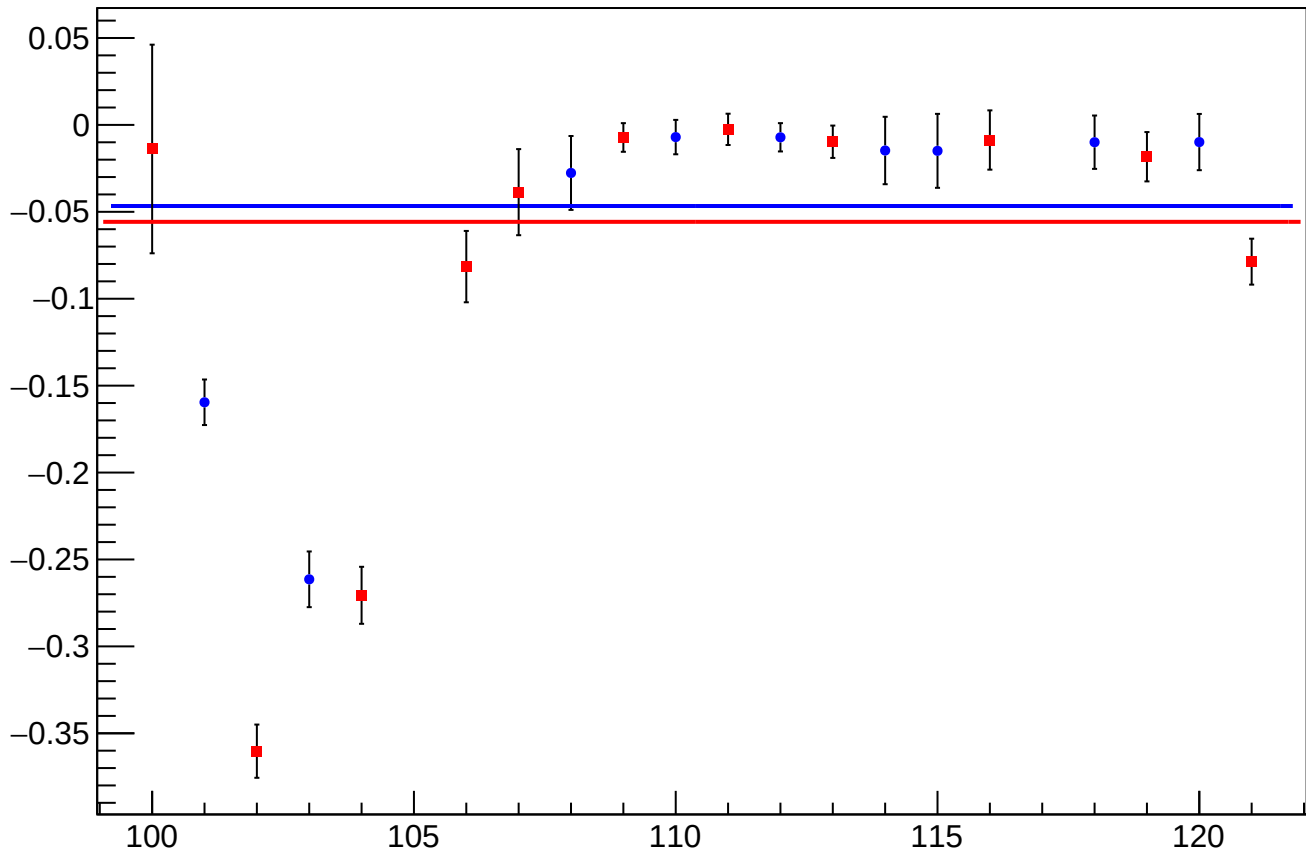
Right: -0.118 ± 0.004 χ^2/NDF : 17893.8/19

In: -0.152 ± 0.006 χ^2/NDF : 6689.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.118 ± 0.004 χ^2/NDF : 17893.8/19

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.047+/-0.004 χ^2/NDF : 310.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.056+/-0.004 χ^2/NDF : 681.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

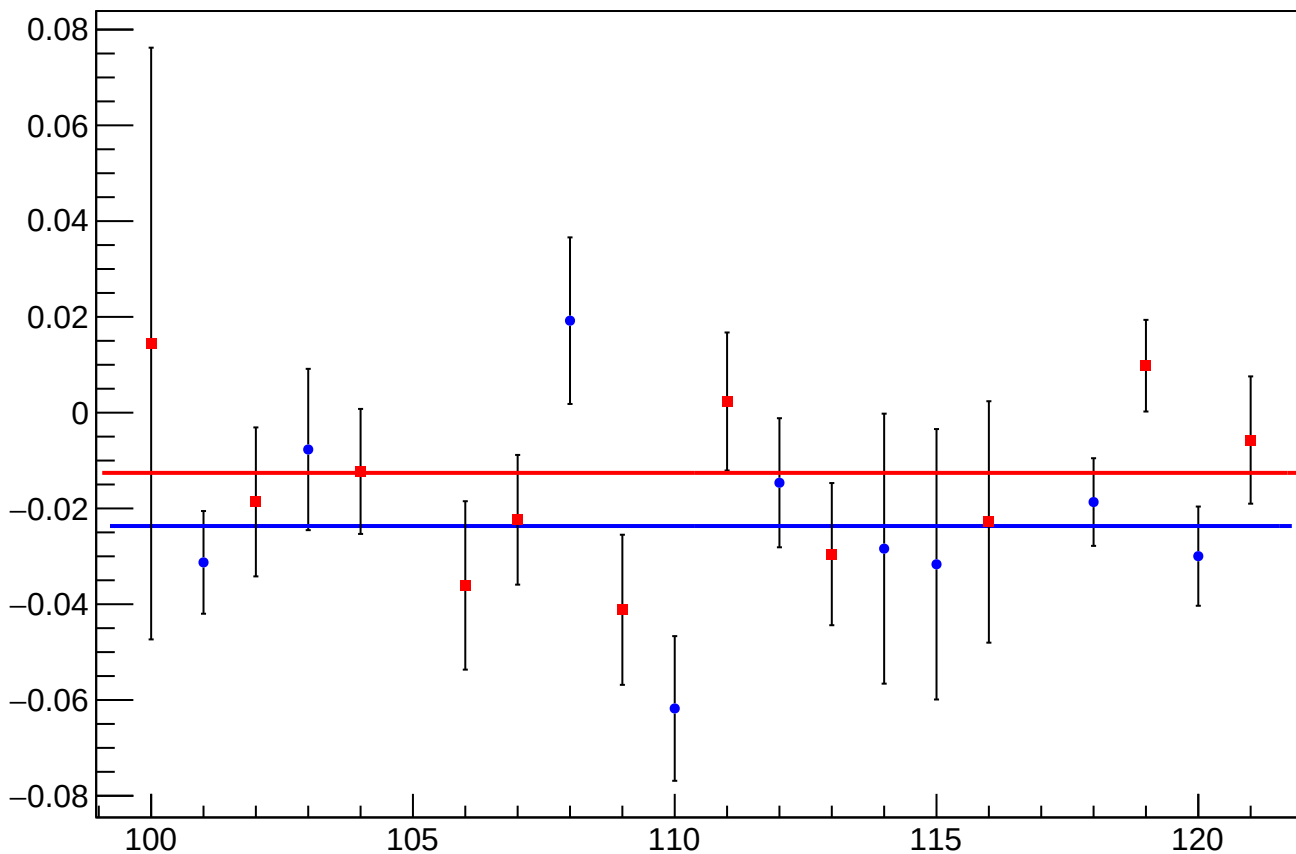
Right: -0.052+/-0.003 χ^2/NDF : 994.0/19

In: -0.047+/-0.004 χ^2/NDF : 310.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.052+/-0.003 χ^2/NDF : 994.0/19

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.005 χ^2 /NDF: 15.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.004 χ^2 /NDF: 14.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

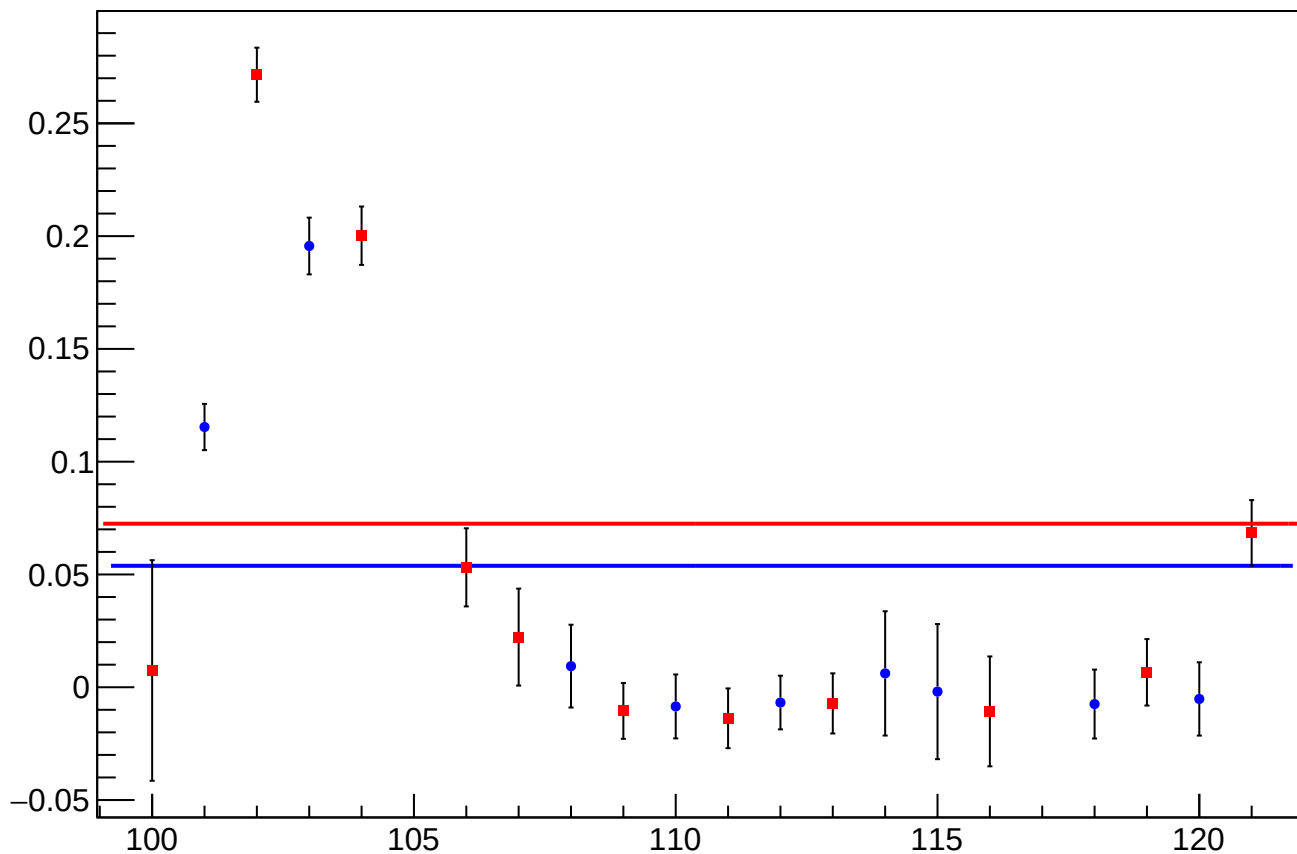
Right: -0.018 $\pm$ 0.003 χ^2 /NDF: 32.4/19

In: -0.024 $\pm$ 0.005 χ^2 /NDF:15.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.003 χ^2 /NDF: 32.4/19

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.054+/-0.005 χ^2/NDF : 250.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.005 χ^2/NDF : 536.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

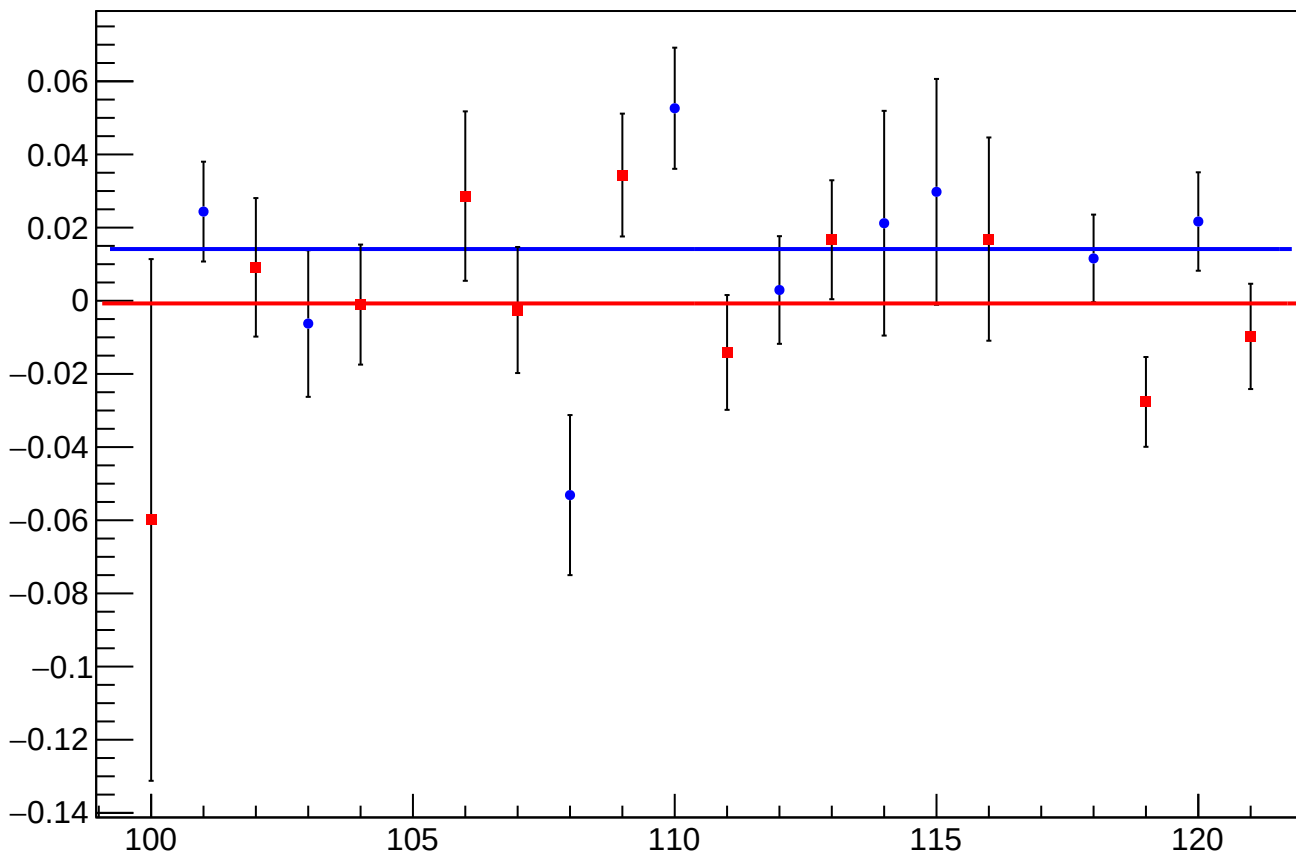
Right: 0.064+/-0.003 χ^2/NDF : 794.0/19

In: 0.054+/-0.005 χ^2/NDF : 250.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.003 χ^2/NDF : 794.0/19

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.006 χ^2/NDF : 17.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.005 χ^2/NDF : 14.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

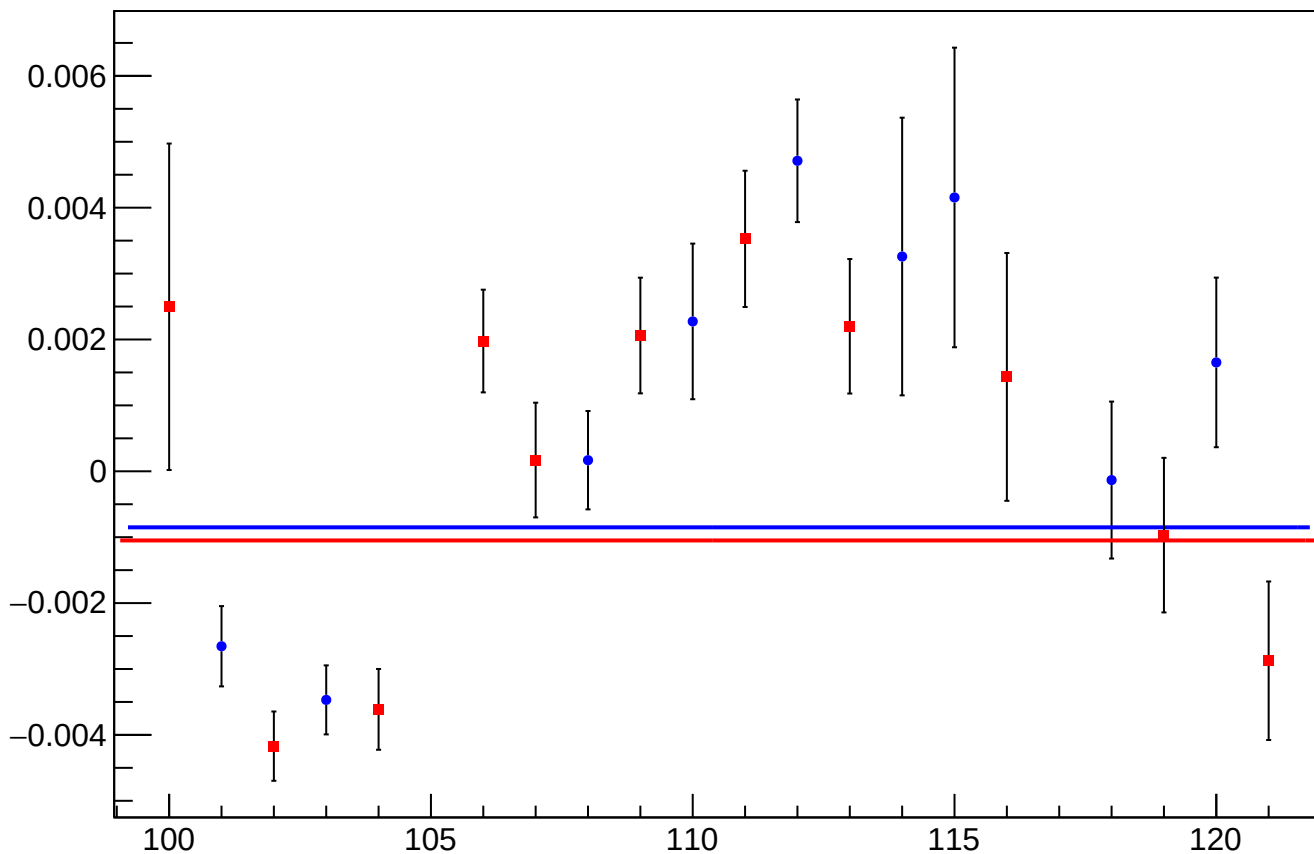
Right: 0.006+/-0.004 χ^2/NDF : 35.9/19

In: 0.014+/-0.006 χ^2/NDF : 17.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.004 χ^2/NDF : 35.9/19

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2 /NDF: 91.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.001+/-0.000 χ^2 /NDF: 118.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

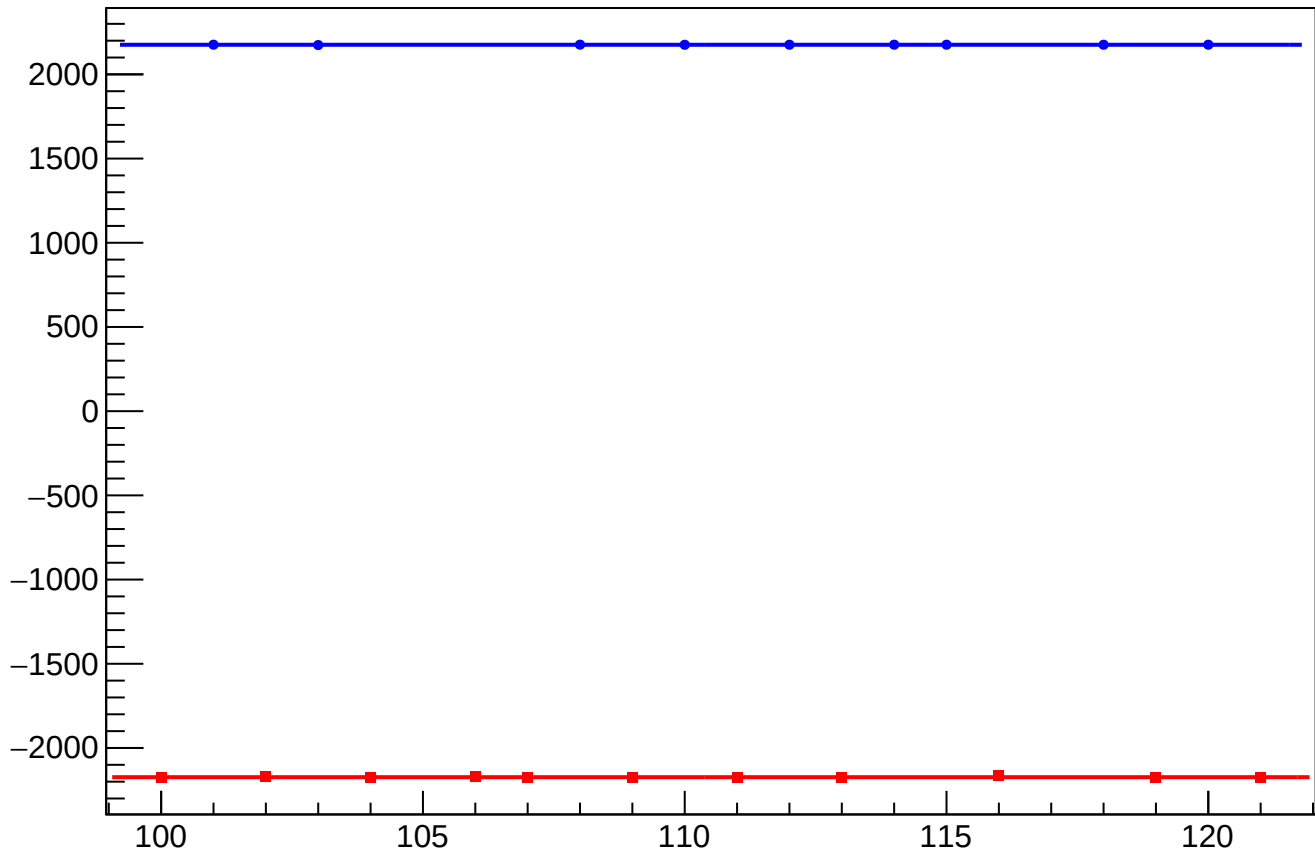
Right: -0.001+/-0.000 χ^2 /NDF: 209.6/19

In: -0.001+/-0.000 χ^2 /NDF:91.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

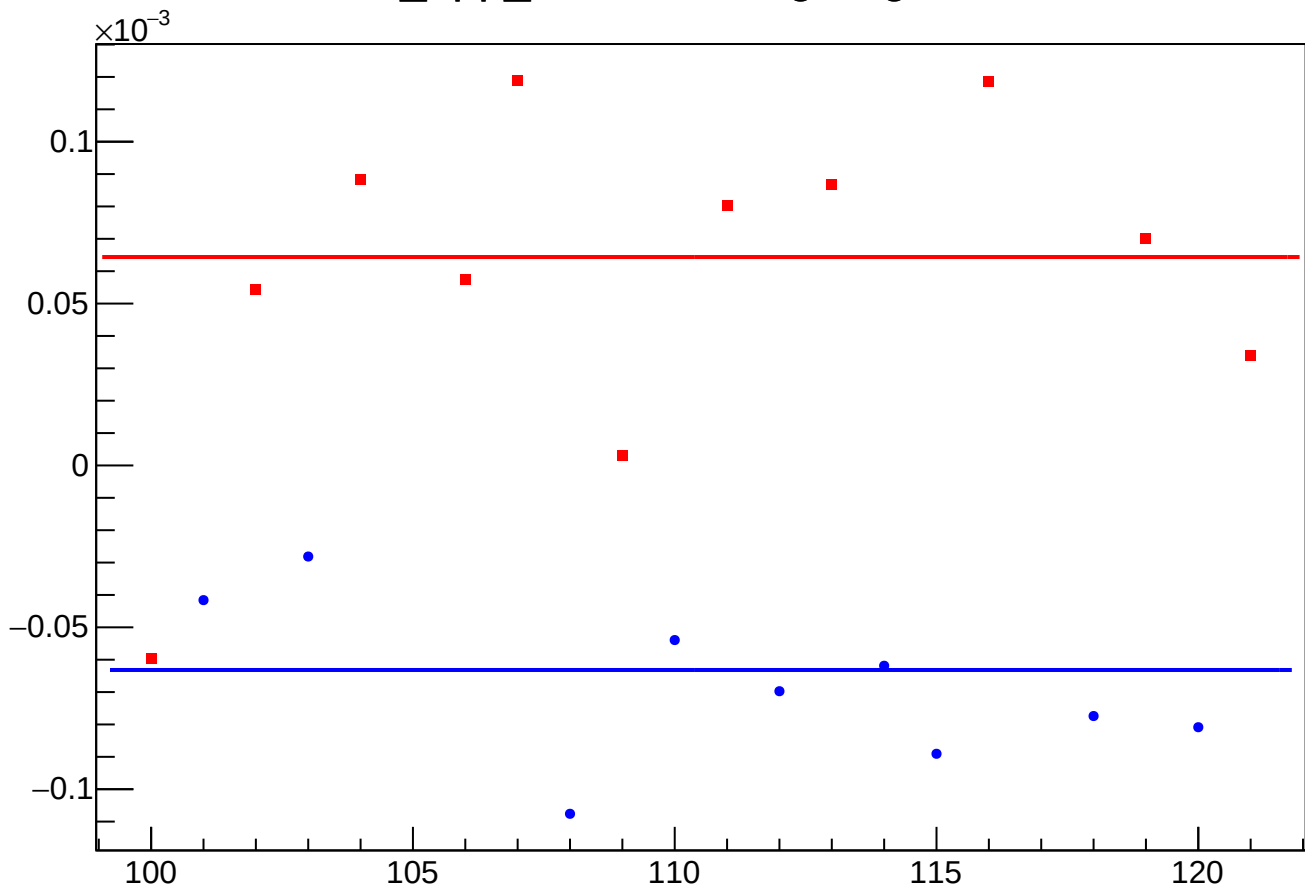
All: -0.001+/-0.000 χ^2 /NDF: 209.6/19

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -228.419+/-0.000 χ^2/NDF : 39419840652592
Right In: 2175.754+/-0.000 χ^2/NDF : 216996422062452586552673511145472.0/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 2175.754+/-0.000 χ^2/NDF : 216996422062452586552673511145472.0/10
Right Out: -2173.426+/-0.000 χ^2/NDF : 4151446440831243529764827585052672.0/10
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -228.419+/-0.000 χ^2/NDF : 39419840652592

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 226040044927857102684160.0/8

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 41887747040572568

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.000+/-0.000

χ^2/NDF : 226040044927857102

Right Out: 0.000+/-0.000

χ^2/NDF : 572119080960449260290048.0/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

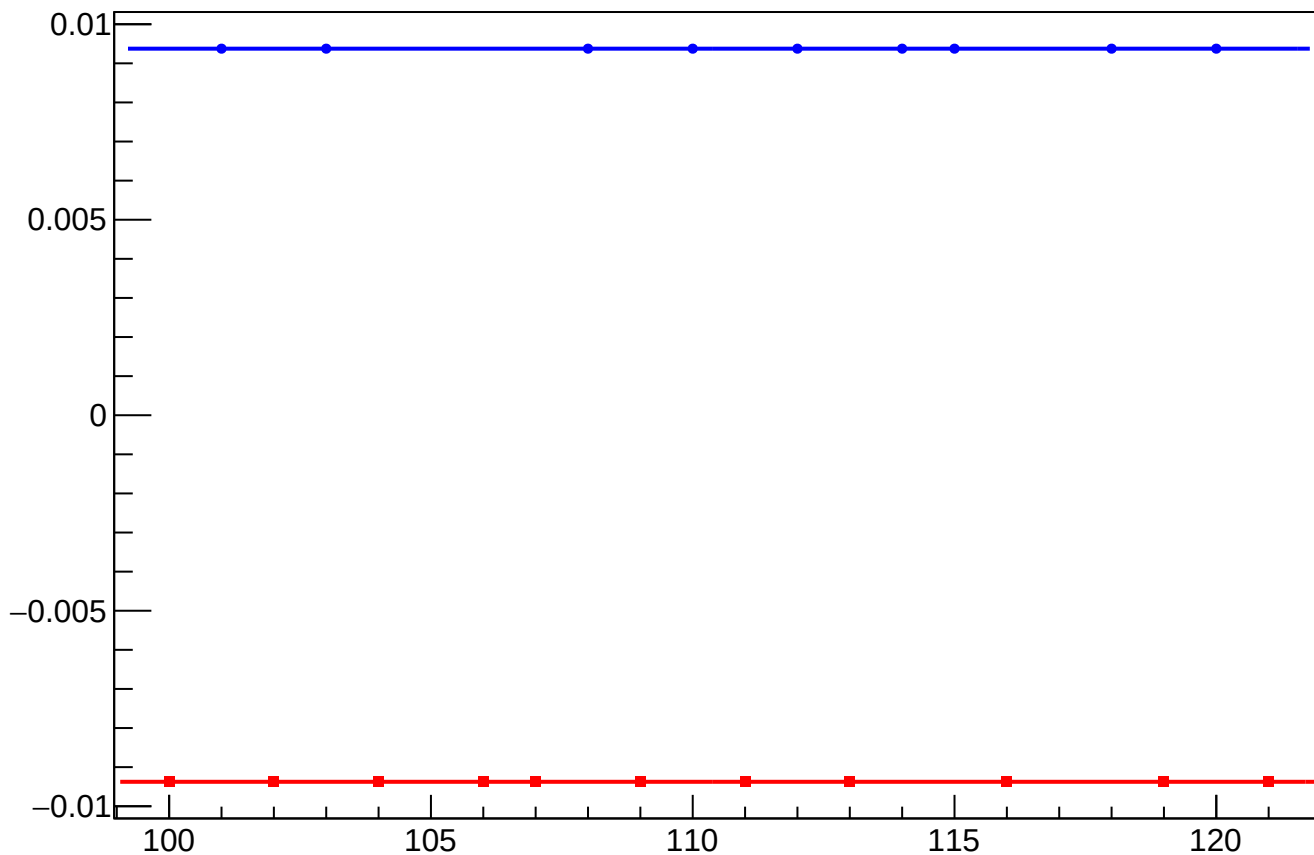
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 41887747040572

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

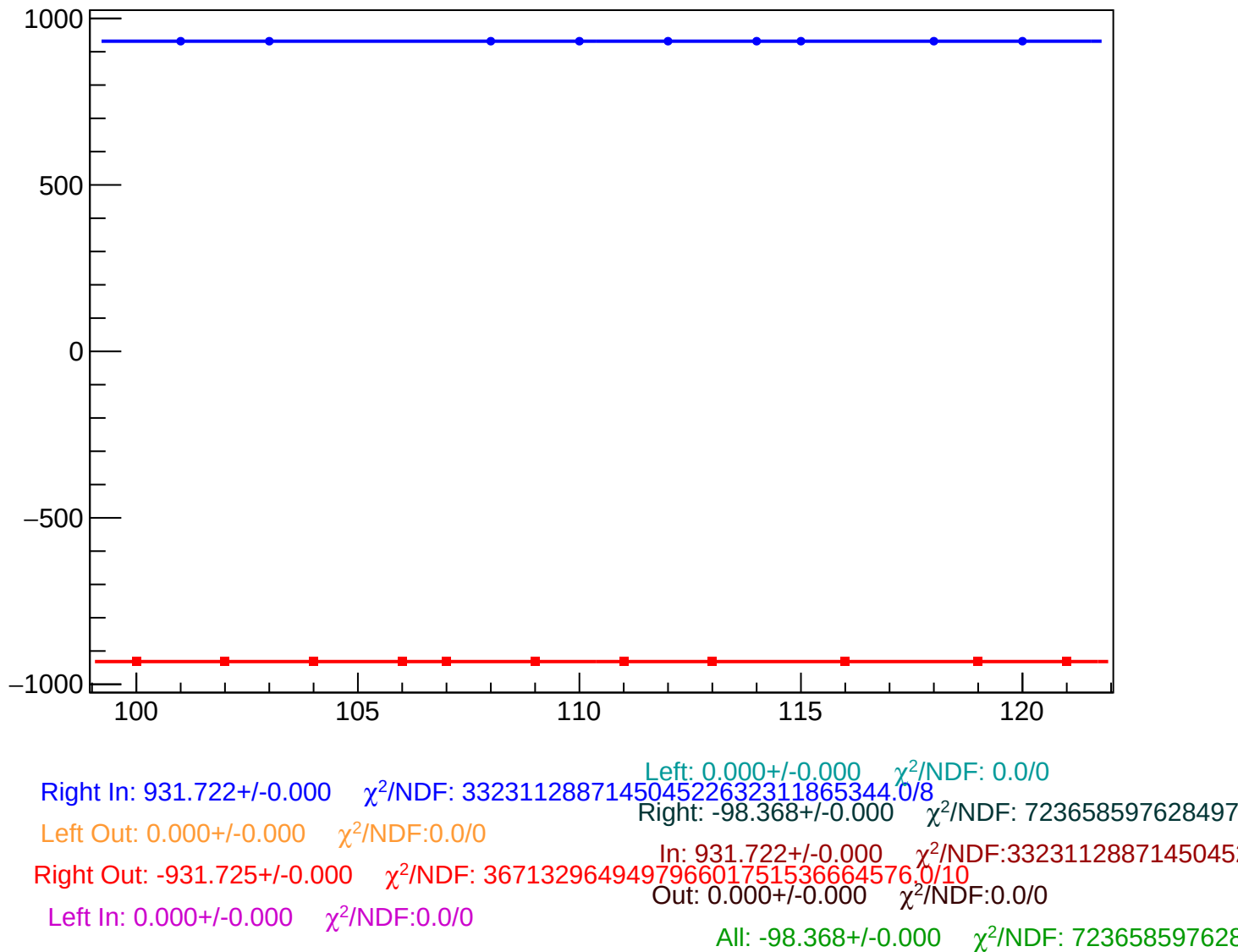
Right: -0.001+/-0.000 χ^2/NDF : 7326595862989321

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

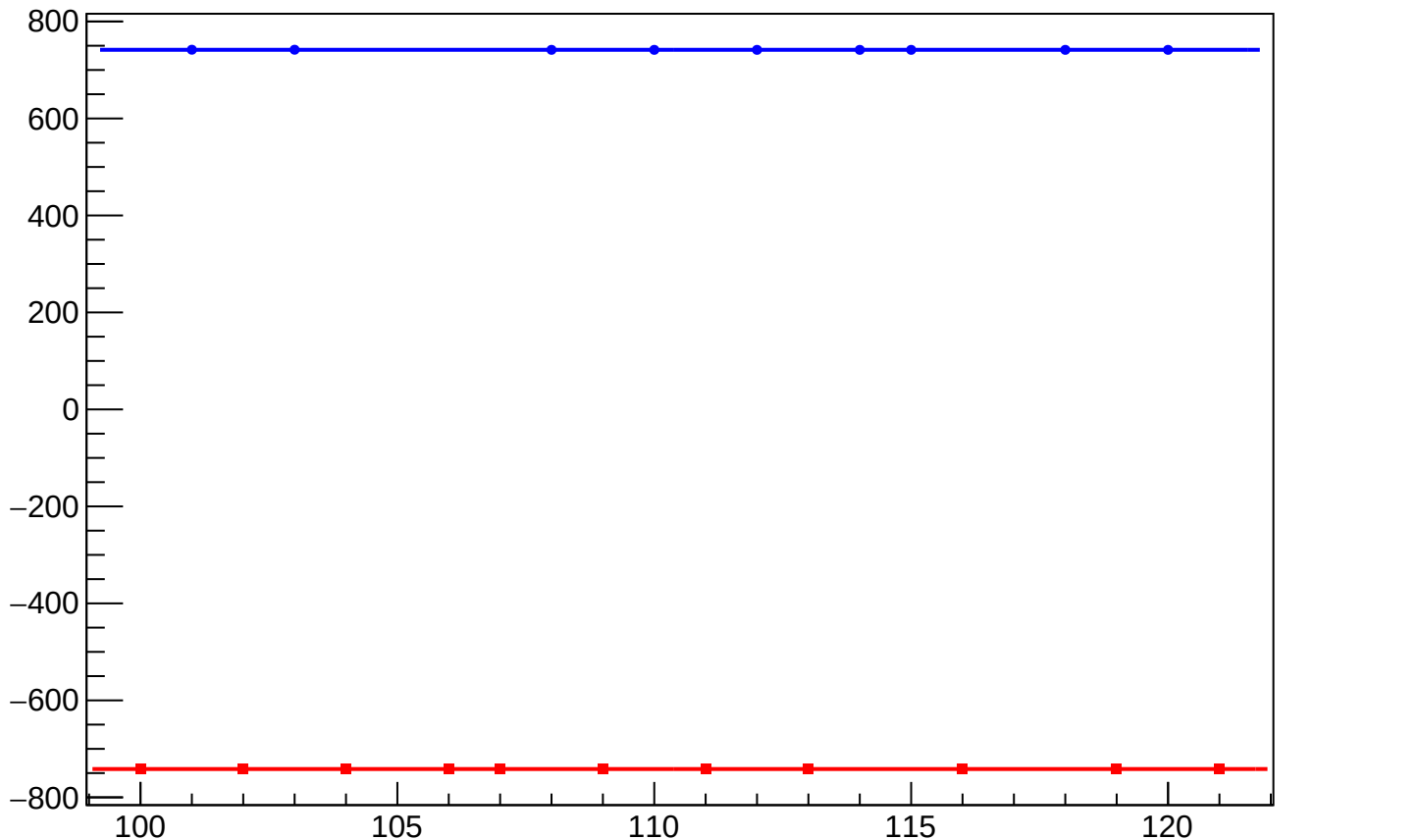
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7326595862989

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected

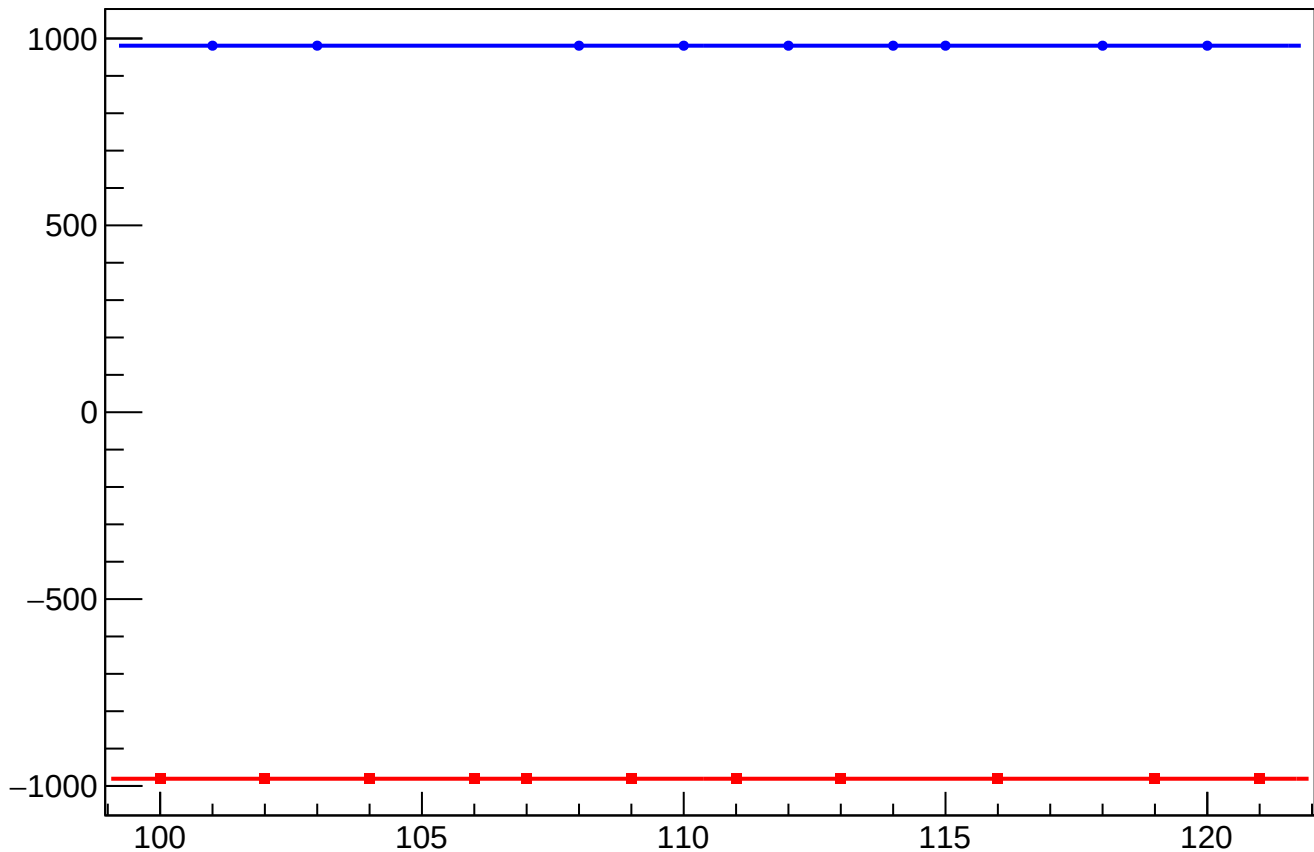


HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



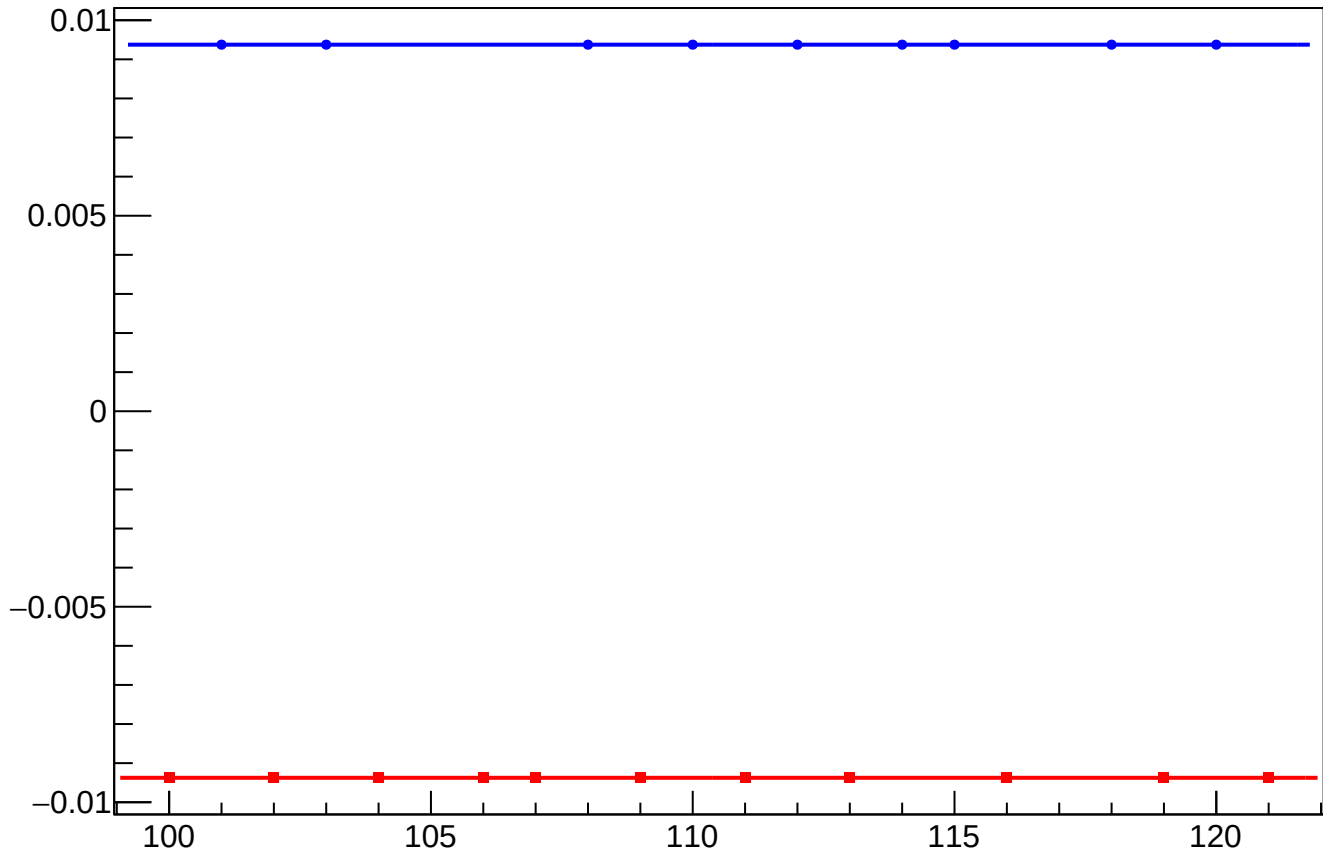
Right In: 741.608+/-0.000 χ^2/NDF : 5224868013068824709205273346048.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.608+/-0.000 χ^2/NDF : 6494029723949050298535134625792.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -78.296+/-0.000 χ^2/NDF : 458467696869775

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.780+/-0.000 χ^2/NDF : 254208384088713833664305168384.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.667+/-0.000 χ^2/NDF : 51889523853482203395132934324224.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -103.484+/-0.000 χ^2/NDF : 80177549504665

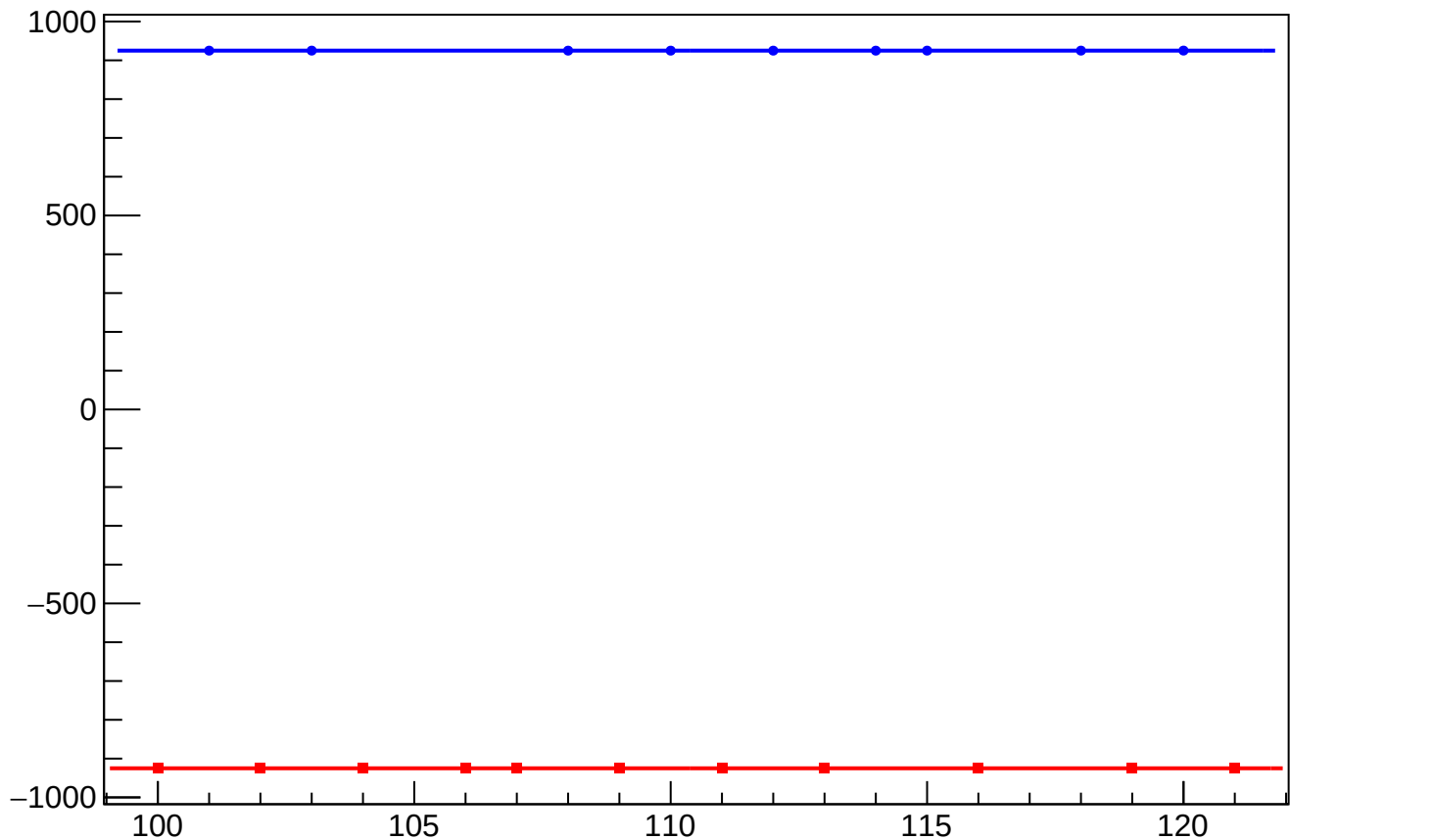
MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

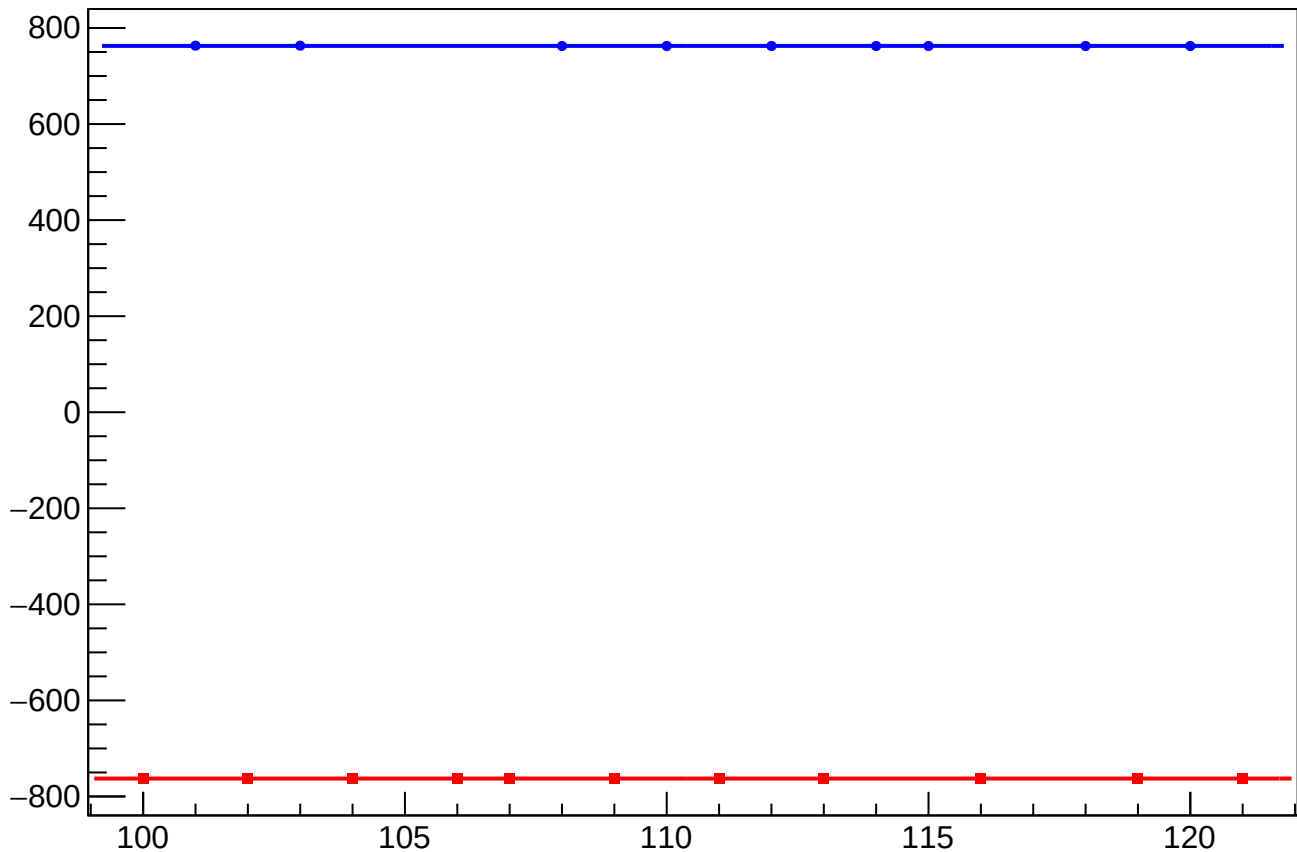
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 7326595862989321
In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7326595862989

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



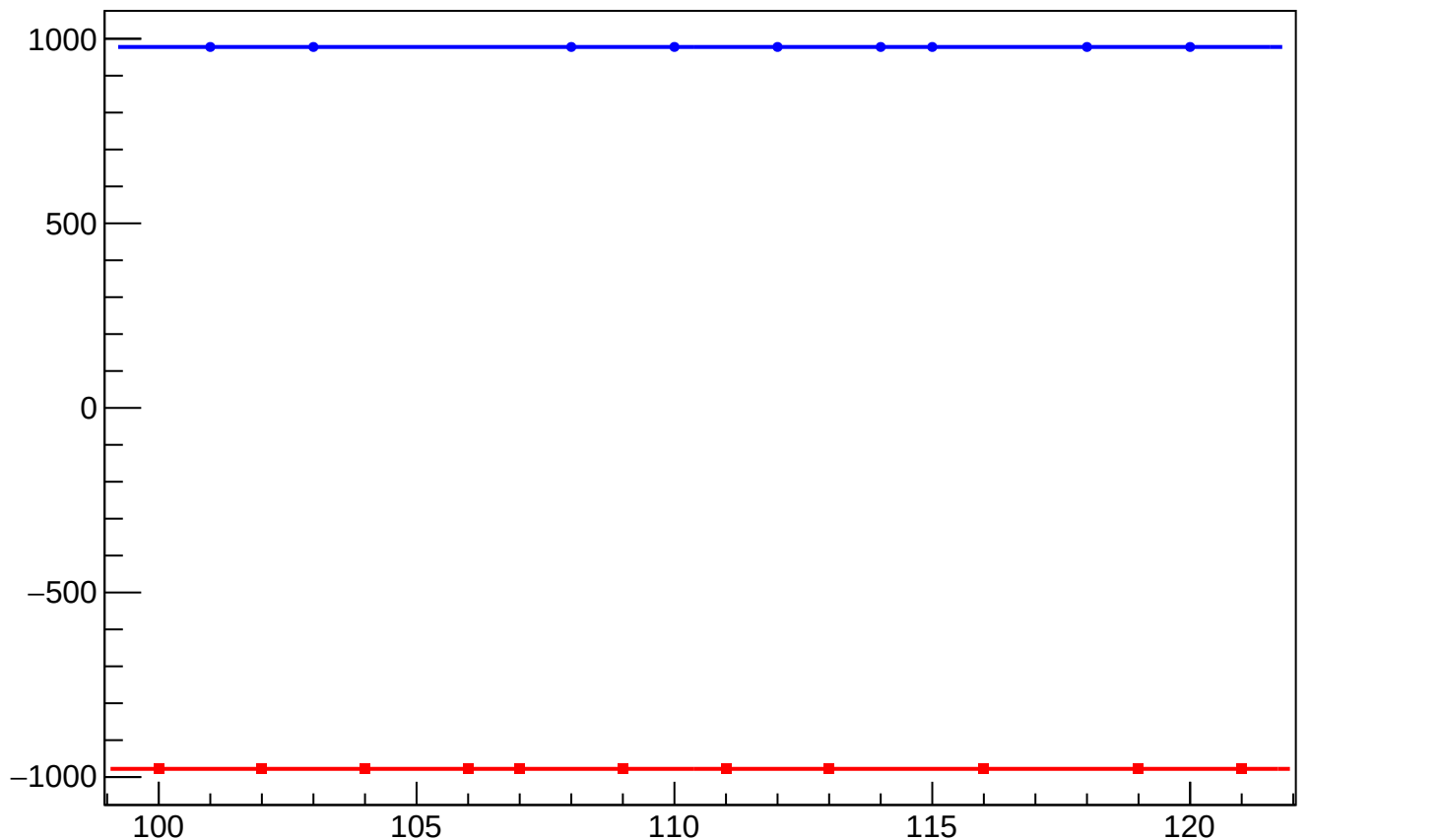
Right In: 924.990 $\pm$ 0.000 χ^2 /NDF: 776961249305238494892819218432.0/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -924.985 $\pm$ 0.000 χ^2 /NDF: 1018993561132254212383009931264.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -97.653 $\pm$ 0.000 χ^2 /NDF: 713232895738489

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



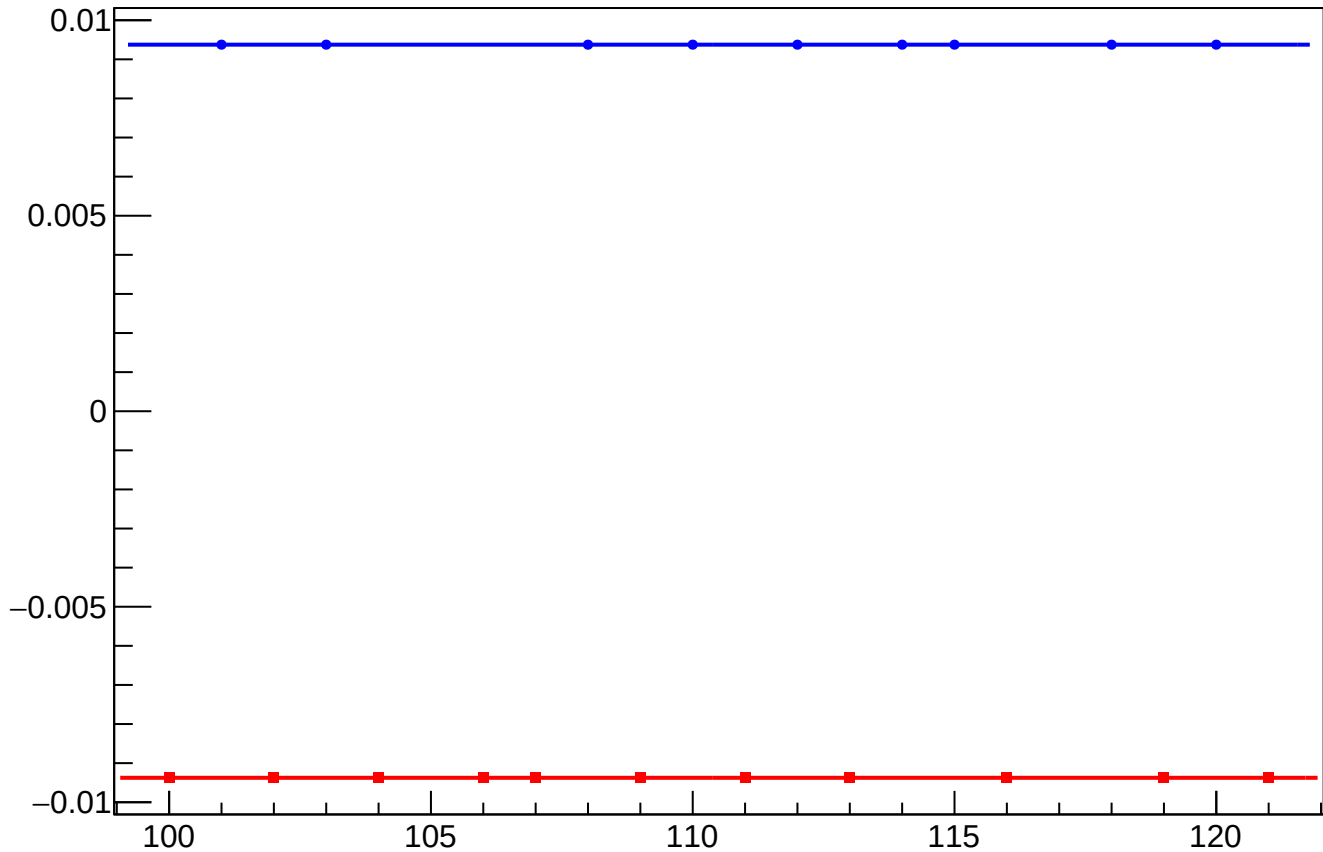
Right In: 762.732+/-0.000 χ^2/NDF : 40062076824474355028531511033856.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.693+/-0.000 χ^2/NDF : 46474991963866644516330121723904.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -80.504+/-0.000 χ^2/NDF : 484932740178370

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.756+/-0.000 χ^2/NDF : 268607479516378145634304131072.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.756+/-0.000 χ^2/NDF : 842811795528506244686896168960.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -103.227+/-0.000 χ^2/NDF : 79693085320622

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

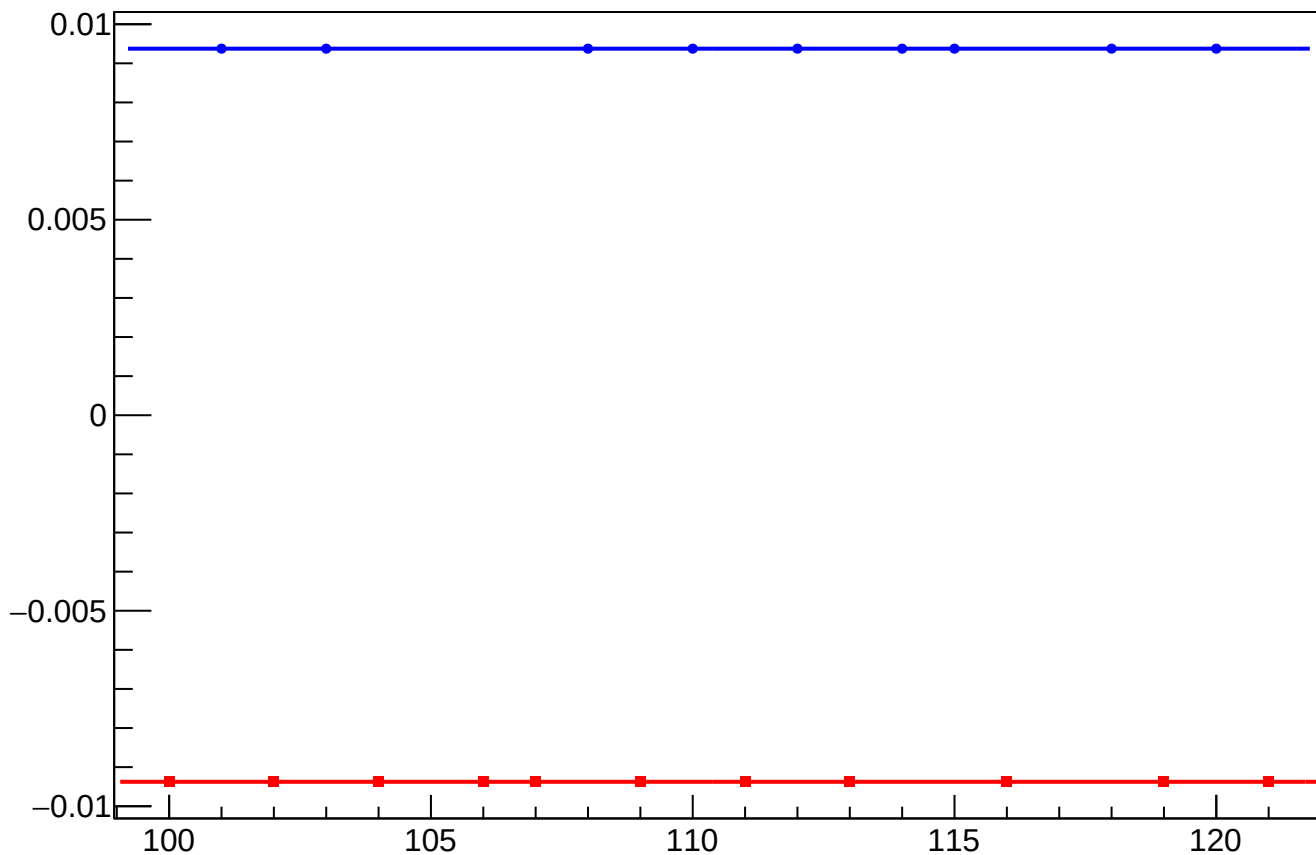
Right: -0.001+/-0.000 χ^2/NDF : 7326595862989321

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7326595862989

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

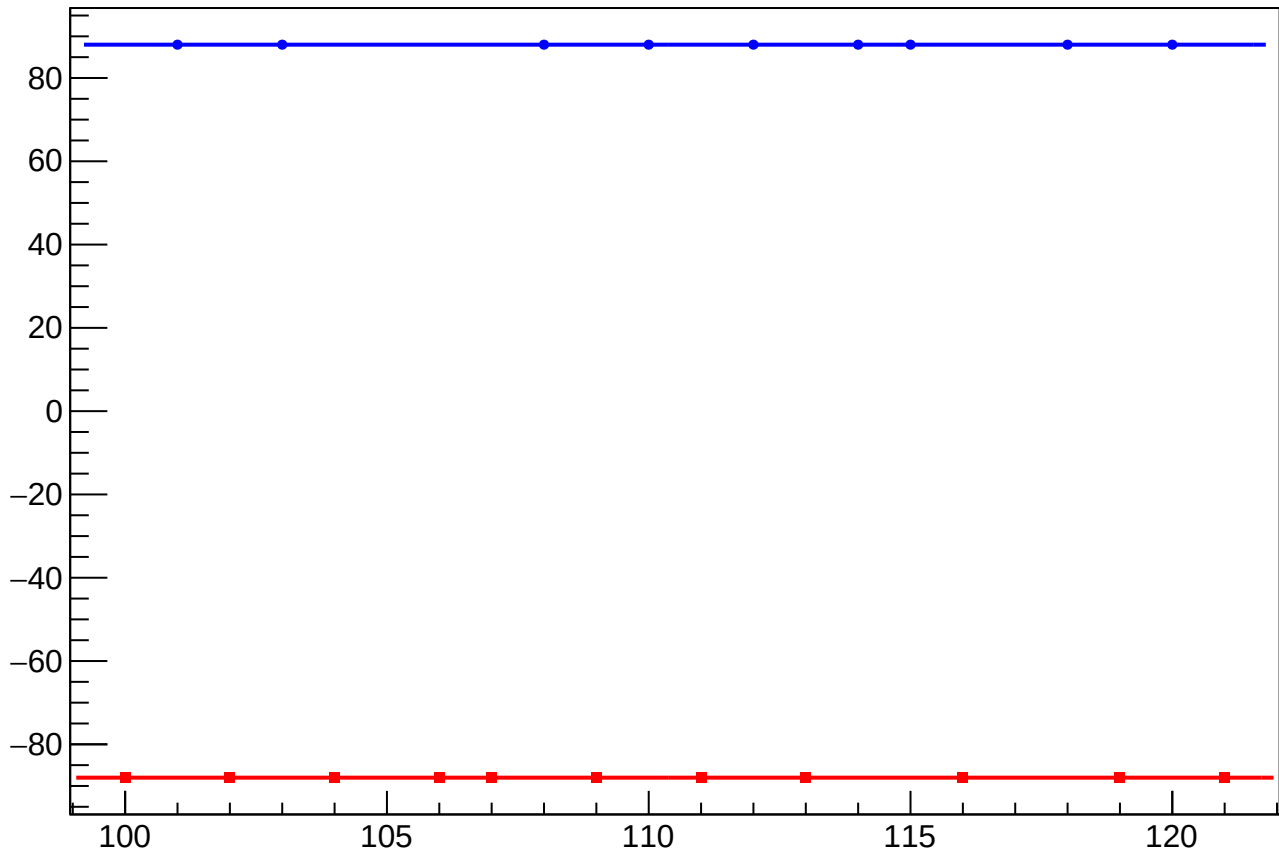
Right: -0.001+/-0.000 χ^2/NDF : 7326595862989321

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7326595862989

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 660169.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.005+/-0.000 χ^2/NDF : 69672467843207436344104058880.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

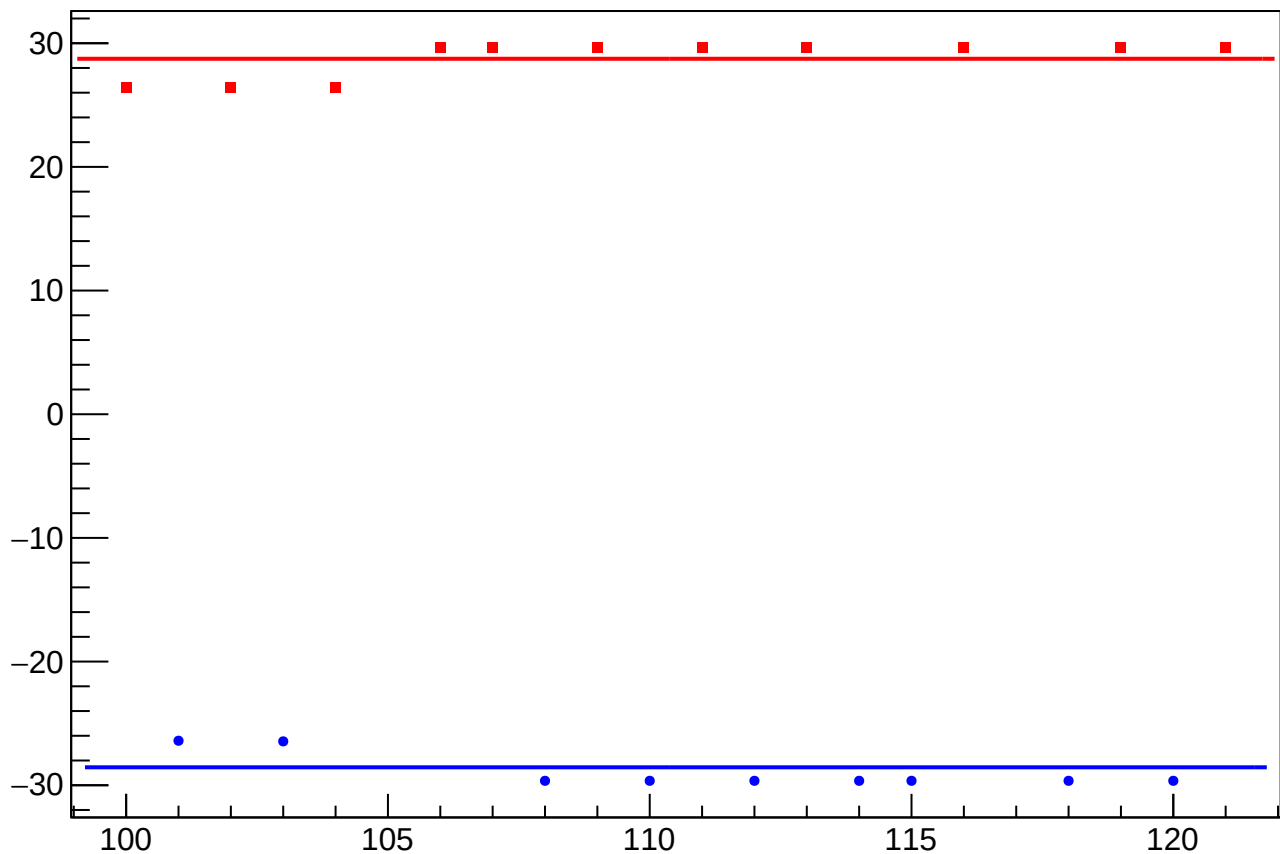
Right: -9.293+/-0.000 χ^2/NDF : 6455855765576556

In: 88.001+/-0.000 χ^2/NDF : 660169.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

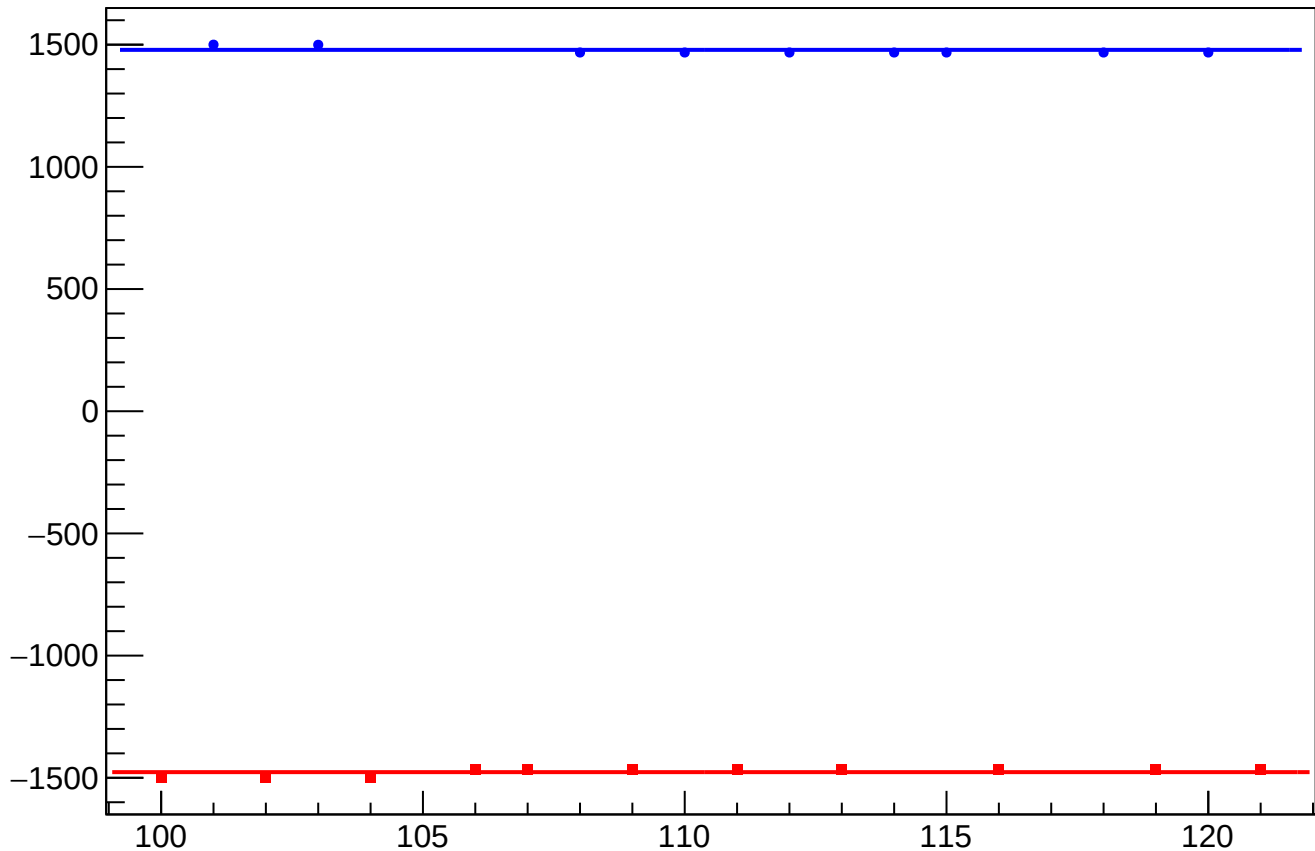
All: -9.293+/-0.000 χ^2/NDF : 6455855765576

HWienAngle_mean vs Slug, Sign Corrected



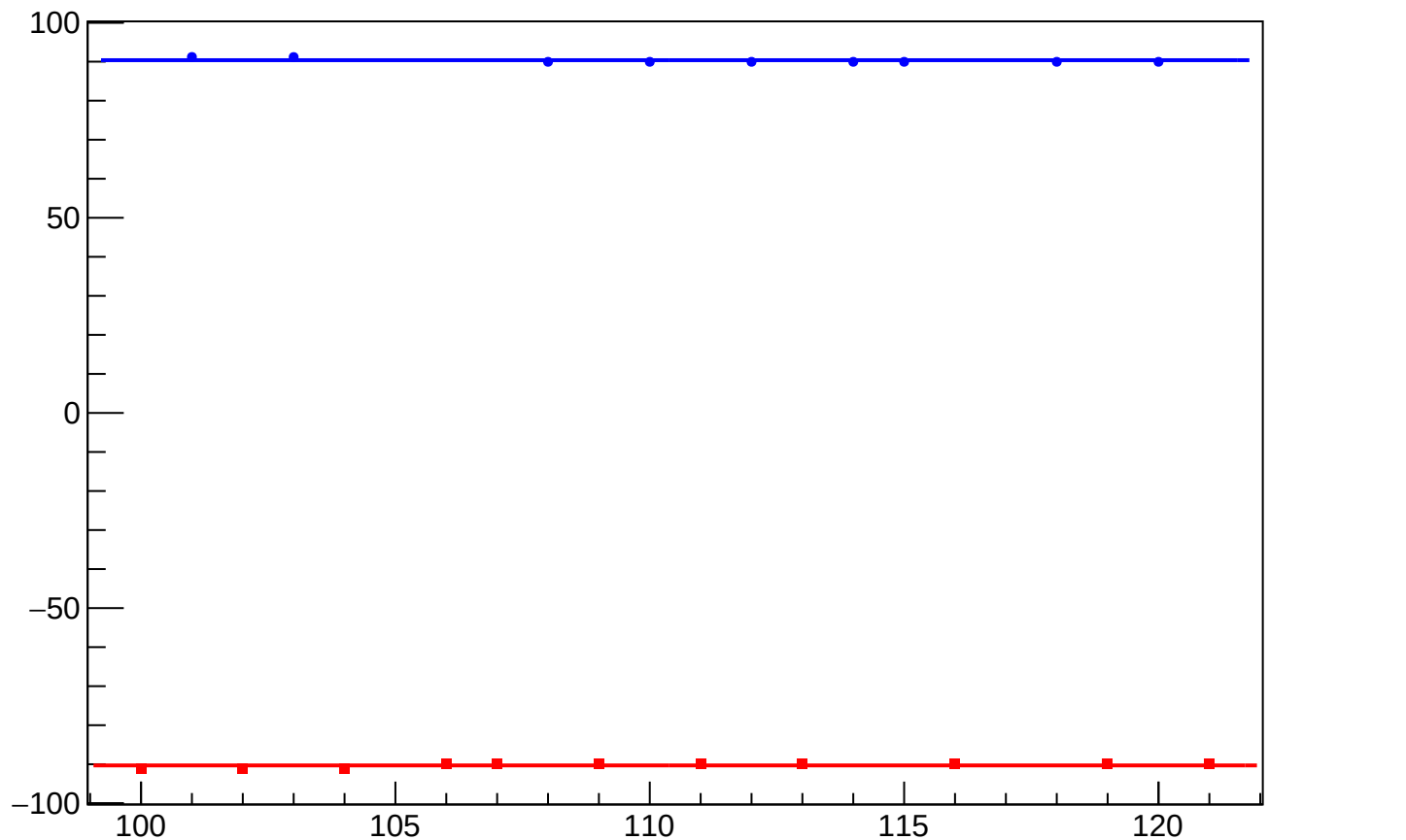
Right In: -28.549+/-0.000 χ^2/NDF : 873750726184181511647394195832832.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 28.744+/-0.000 χ^2/NDF : 979317950214607419517066033496064.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.122+/-0.000 χ^2/NDF : 68592754678406301

psub_pl_pos_mean vs Slug, Sign Corrected



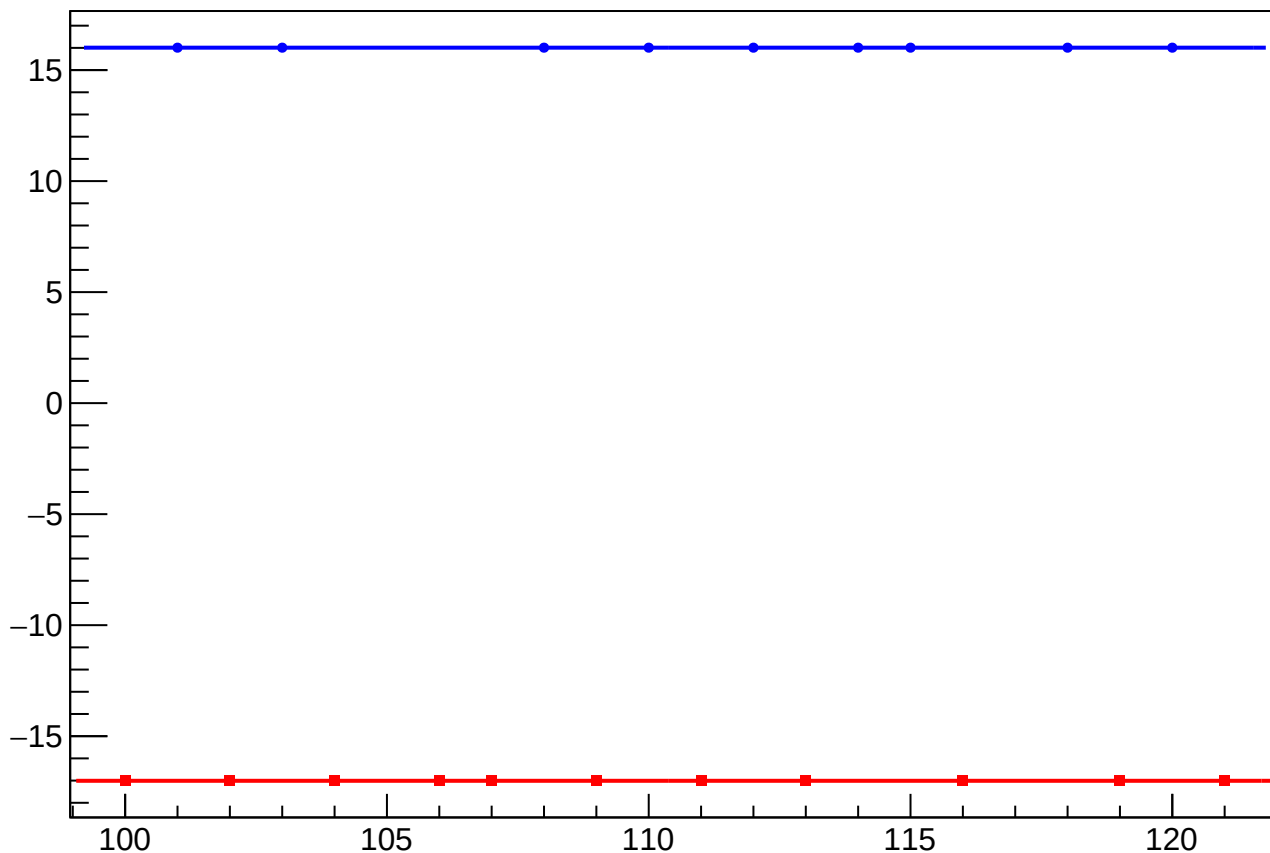
Right In: 1478.766+/-0.000 χ^2/NDF : 85345048628633959672805869976813568.0/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1476.844+/-0.000 χ^2/NDF : 95656501996822898948130607311355904.0/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -155.058+/-0.000 χ^2/NDF : 18206946087847

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.377+/-0.000 χ^2/NDF : 127979644545504947275607954161664.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.303+/-0.000 χ^2/NDF : 143442242060104280636046383775744.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.500+/-0.000 χ^2/NDF : 6803543034087188

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 25597.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3586054228147897515376640.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

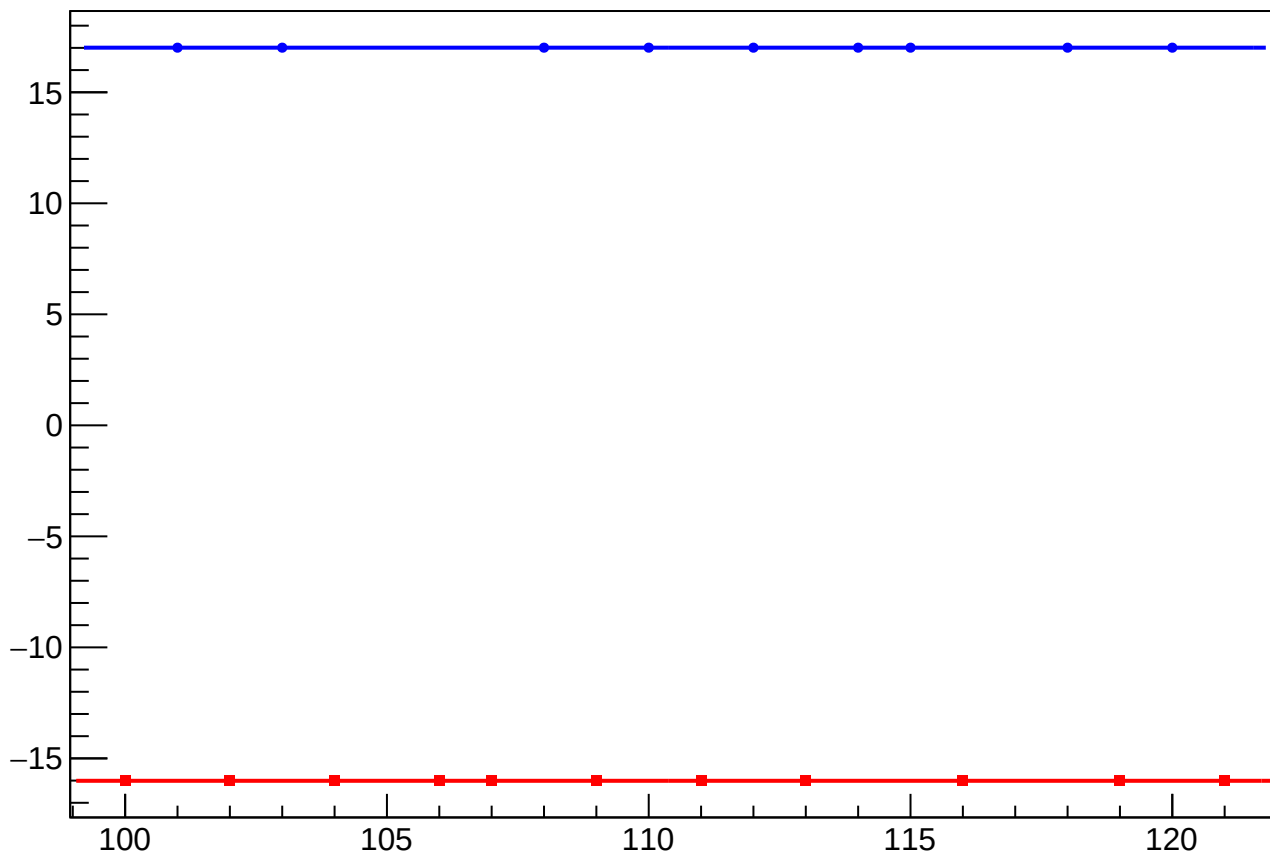
Right: -1.384+/-0.000 χ^2/NDF : 2130727253554471

In: 16.009+/-0.000 χ^2/NDF : 25597.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.384+/-0.000 χ^2/NDF : 2130727253554

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 32034.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 33813.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

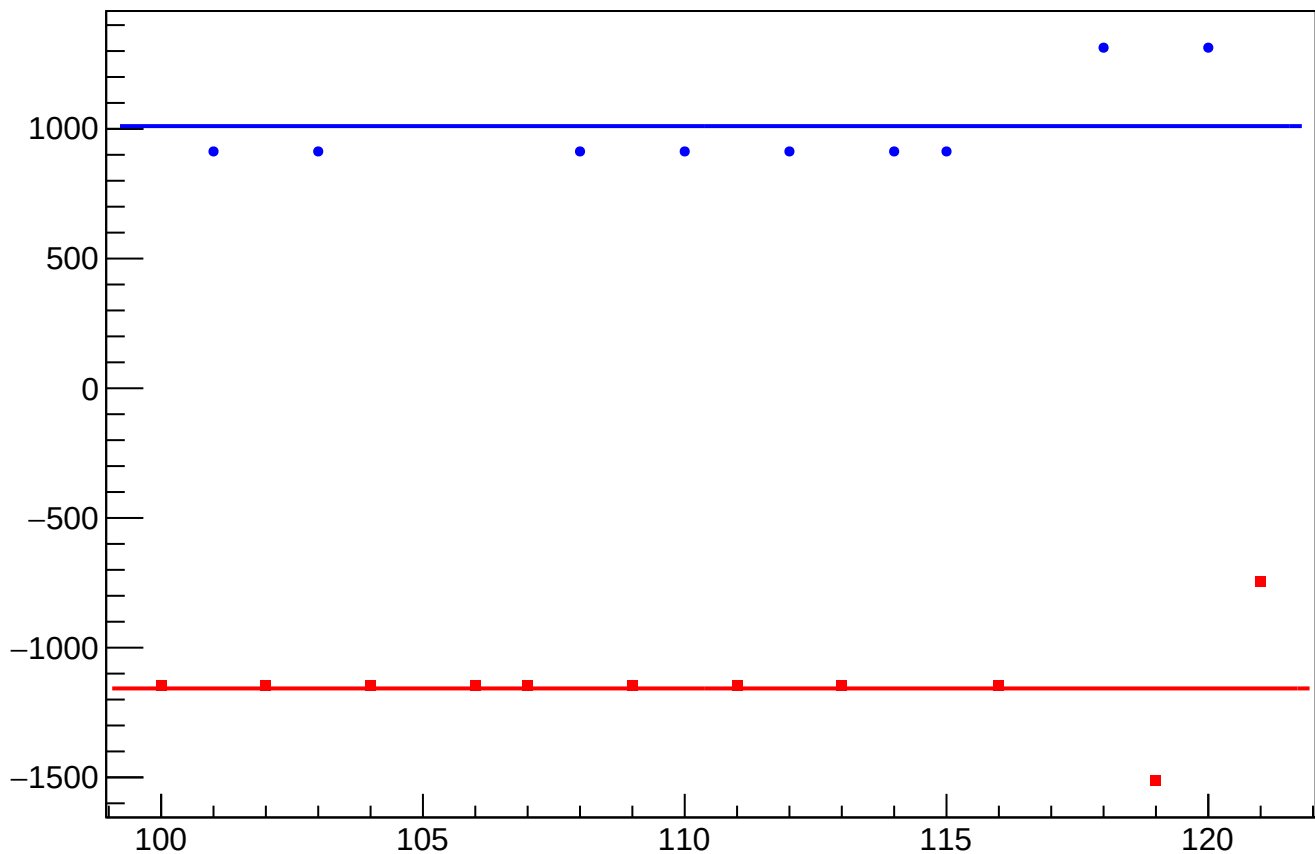
Right: -1.941+/-0.000 χ^2/NDF : 2146156911623642

In: 17.009+/-0.000 χ^2/NDF : 32034.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

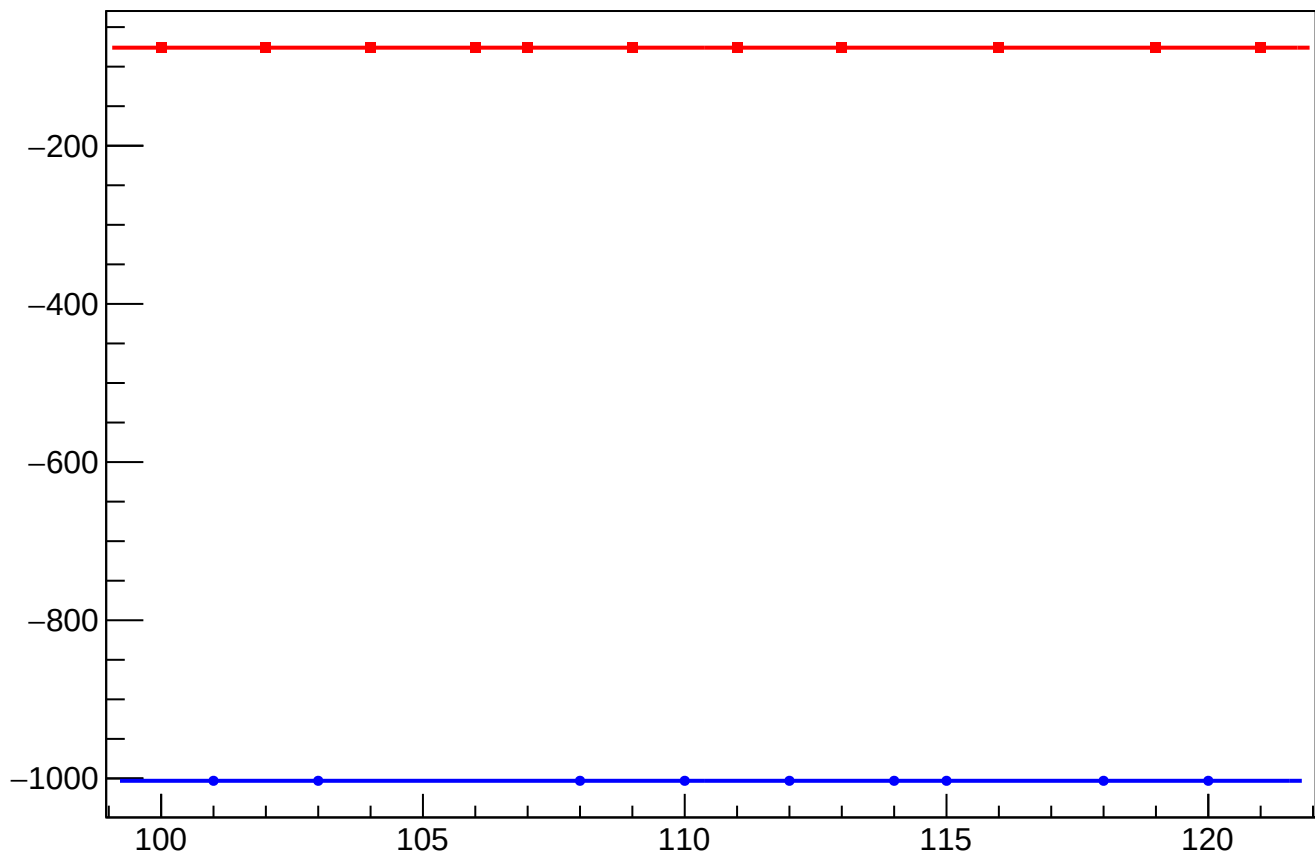
All: -1.941+/-0.000 χ^2/NDF : 2146156911623

RTPAPOSUCNT_mean vs Slug, Sign Corrected



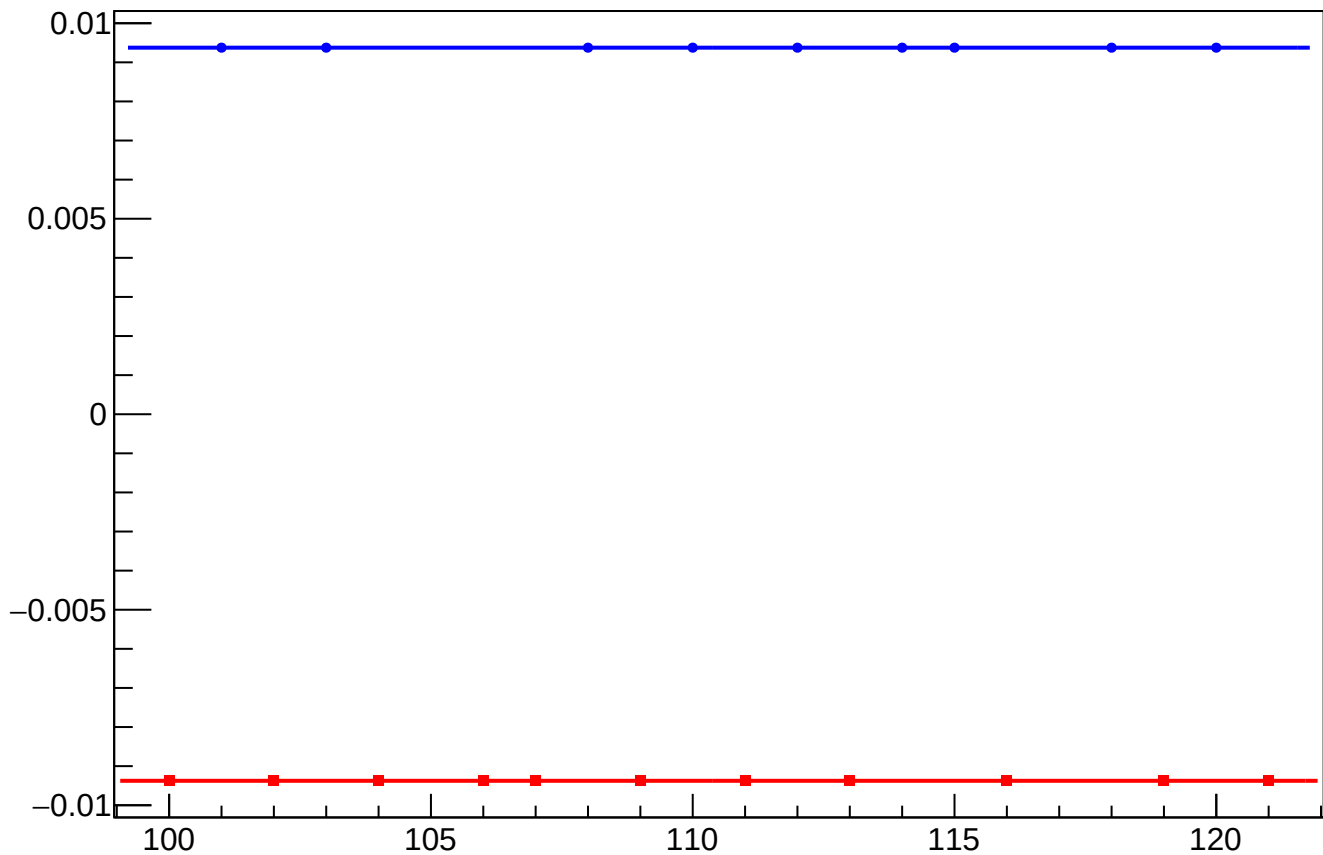
Right In: 1010.611+/-0.000 χ^2/NDF : 11128848352693820409880725876205682688.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1157.167+/-0.000 χ^2/NDF : 15048243841610574905648427918132510720.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -187.710+/-0.000 χ^2/NDF : 10055075527561

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1002.990+/-0.000 χ^2/NDF : 1351053426911687312192569344.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -490.567+/-0.000 χ^2/NDF : 17907706661028
 In: -1002.990+/-0.000 χ^2/NDF : 1351053426911687312192569344.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -490.567+/-0.000 χ^2/NDF : 17907706661

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

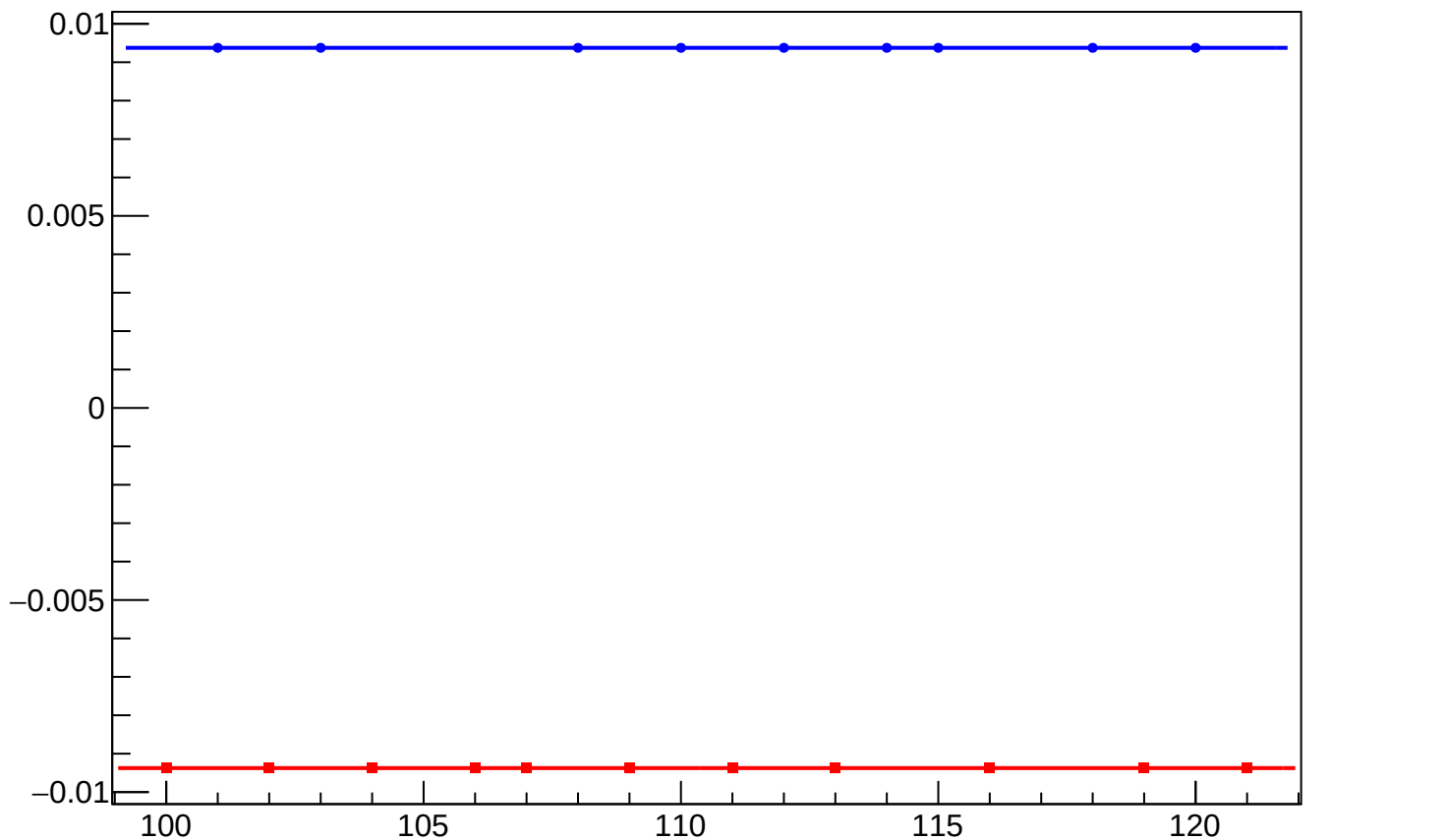
Right: -0.001+/-0.000 χ^2/NDF : 7326595862989321

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7326595862989

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 7326595862989321
In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/8
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7326595862989