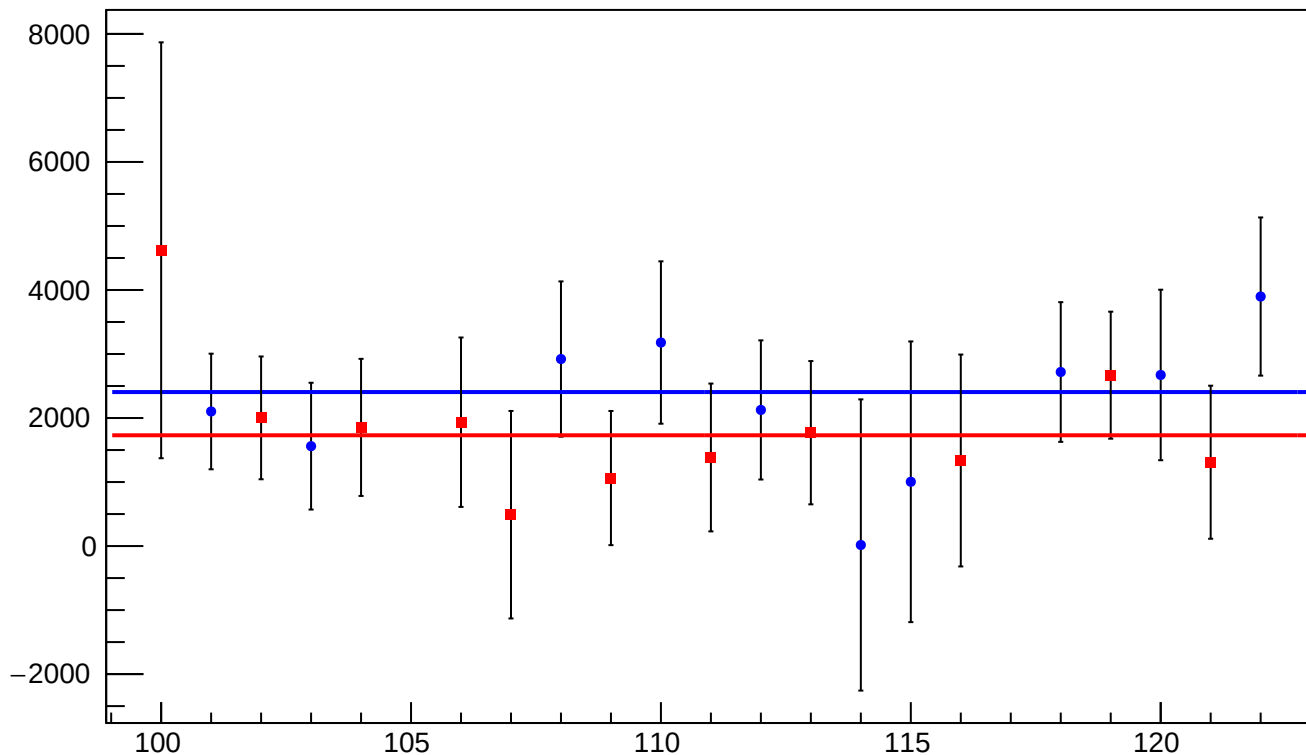


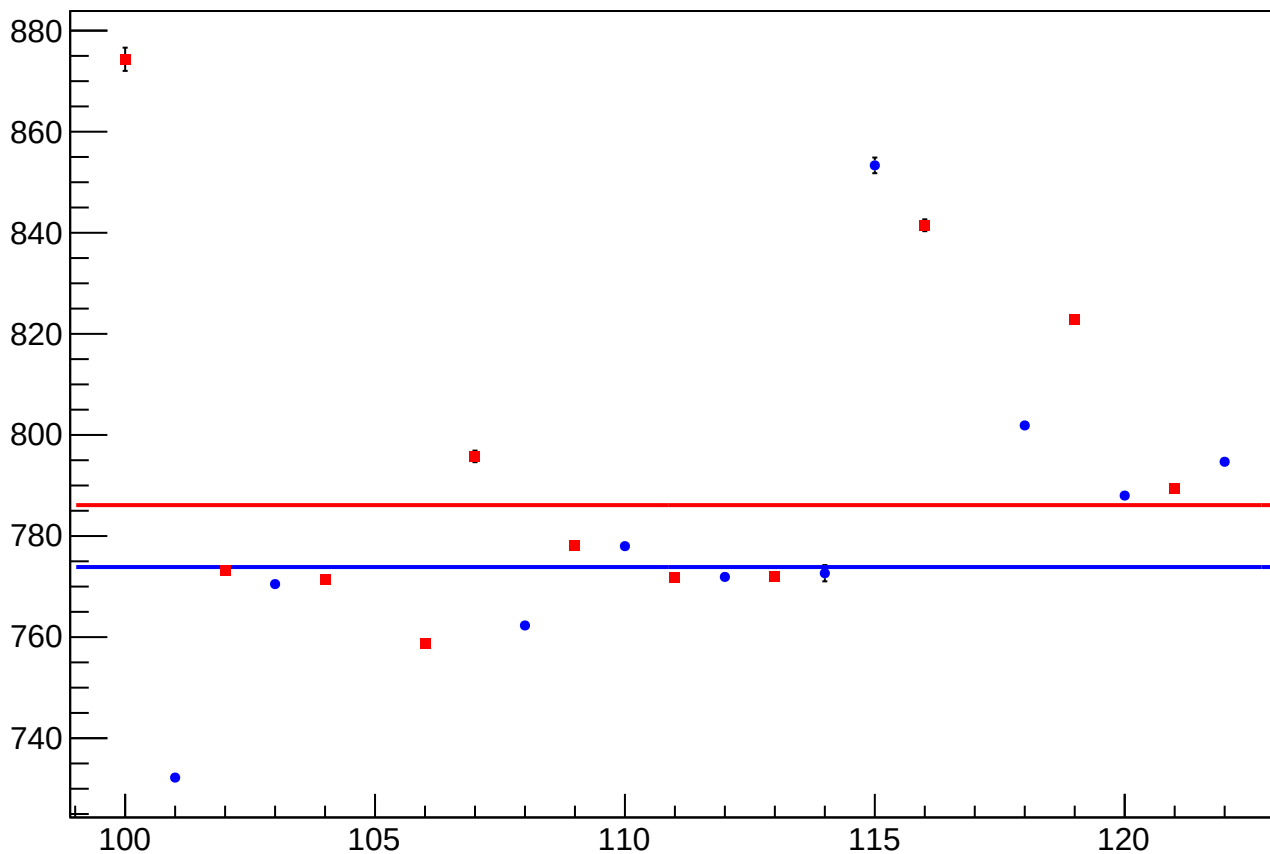
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2405.521+/-381.947 χ^2/NDF : 4.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1730.477+/-364.017 χ^2/NDF : 3.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2051.783+/-263.510 χ^2/NDF : 9.3/20
 In: 2405.521+/-381.947 χ^2/NDF : 4.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2051.783+/-263.510 χ^2/NDF : 9.3/20

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.864+/-0.270 χ^2/NDF : 9230.4/9

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

Right Out: 786.116+/-0.257 χ^2/NDF : 8871.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

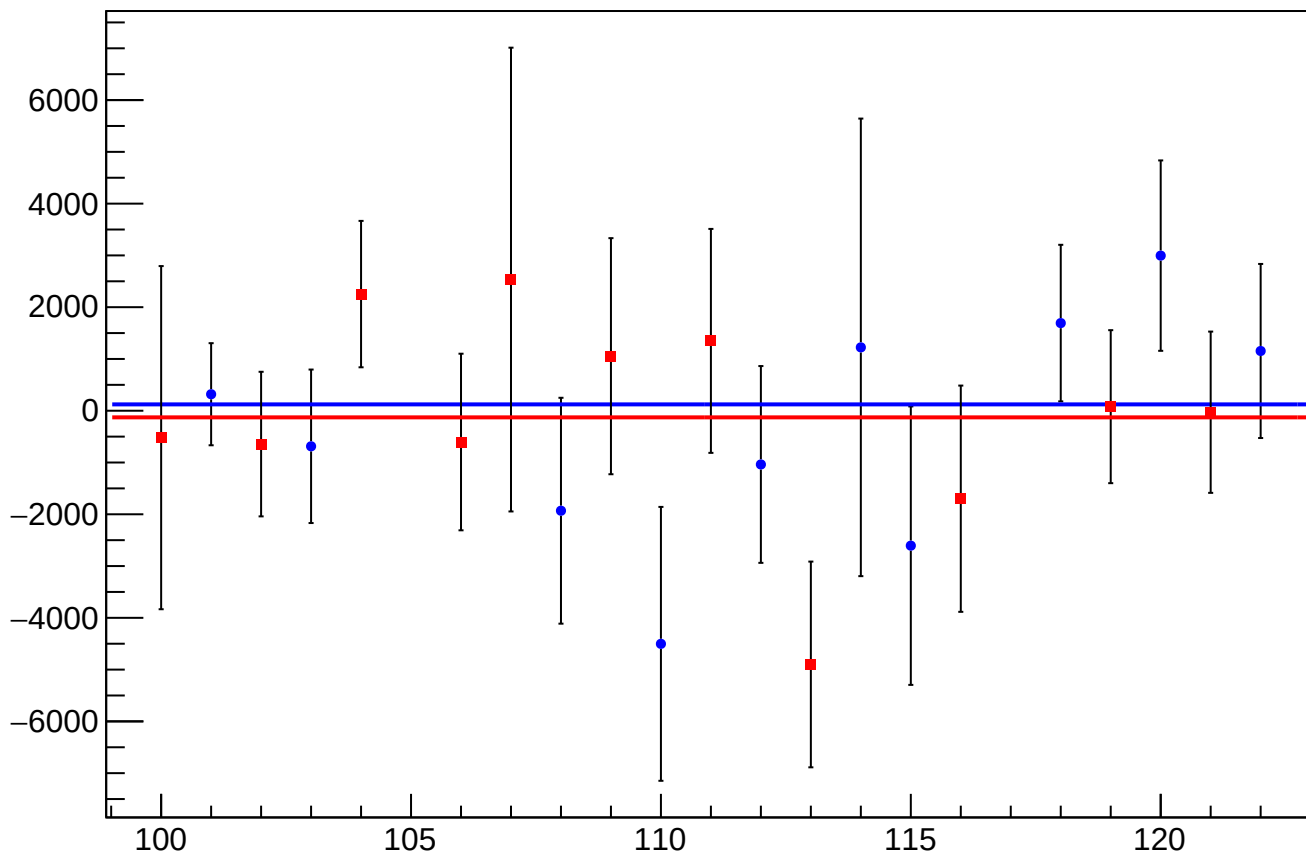
Right: 780.284+/-0.186 χ^2/NDF : 19180.6/20

In: 773.864+/-0.270 χ^2/NDF : 9230.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.284+/-0.186 χ^2/NDF : 19180.6/20

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 122.636 $\pm$ 543.103 χ^2 /NDF: 9.6/9

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

Right Out: -128.050 $\pm$ 555.795 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

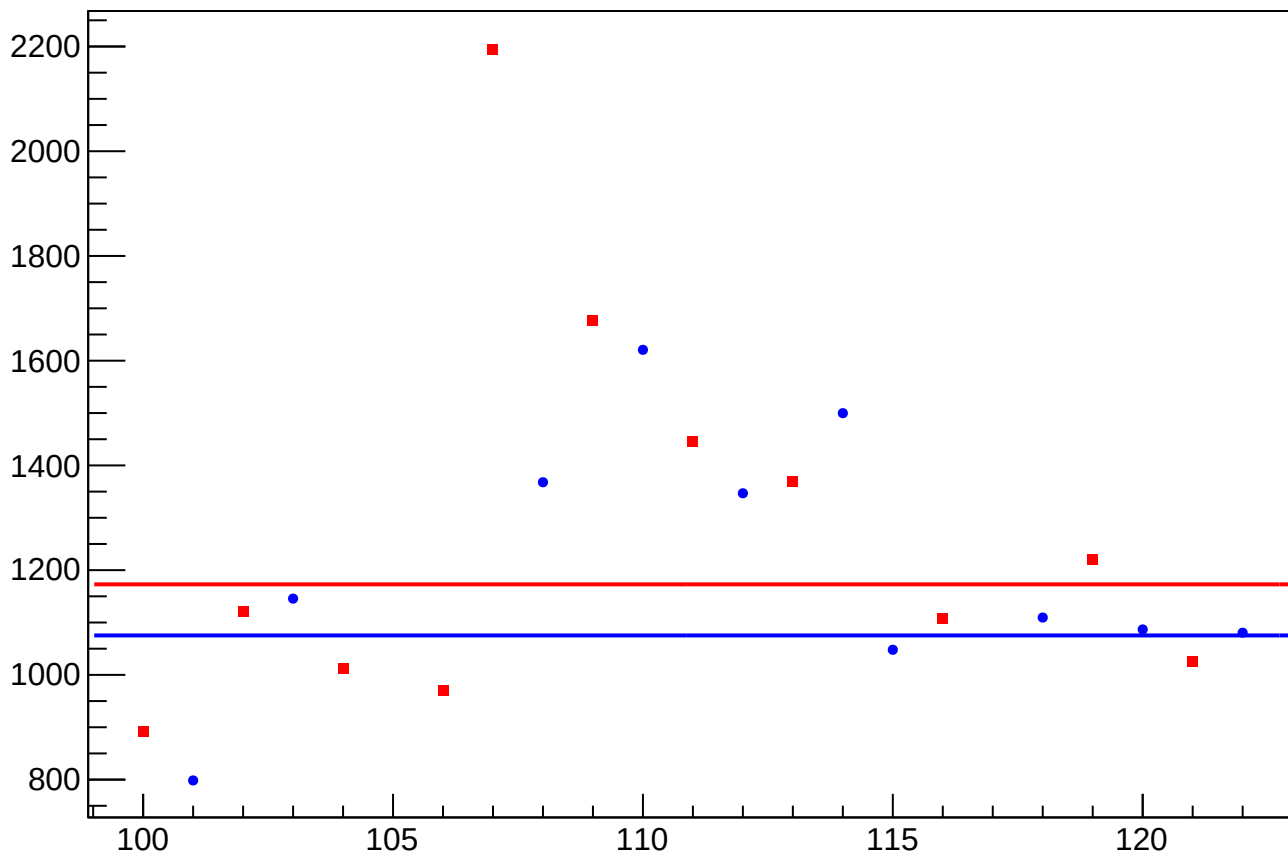
Right: 0.188 $\pm$ 388.442 χ^2 /NDF: 20.2/20

In: 122.636 $\pm$ 543.103 χ^2 /NDF:9.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.188 $\pm$ 388.442 χ^2 /NDF: 20.2/20

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1075.310+/-0.384 χ^2/NDF : 343859.7/9

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

Right Out: 1172.871+/-0.393 χ^2/NDF : 345970.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

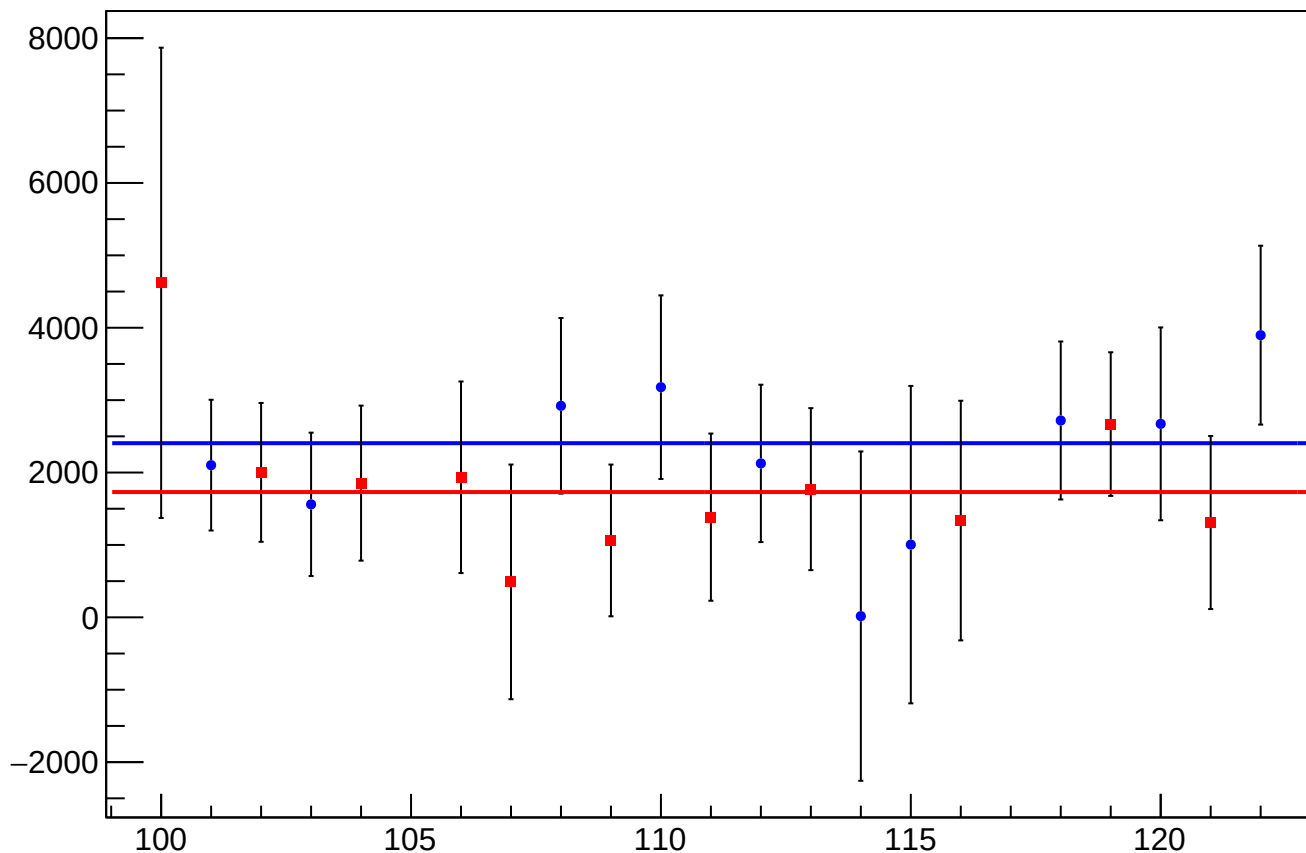
Right: 1122.964+/-0.275 χ^2/NDF : 721354.4/20

In: 1075.310+/-0.384 χ^2/NDF : 343859.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.964+/-0.275 χ^2/NDF : 721354.4/20

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2405.521+/-381.947 χ^2/NDF : 4.6/9

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

Right Out: 1730.477+/-364.017 χ^2/NDF : 3.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

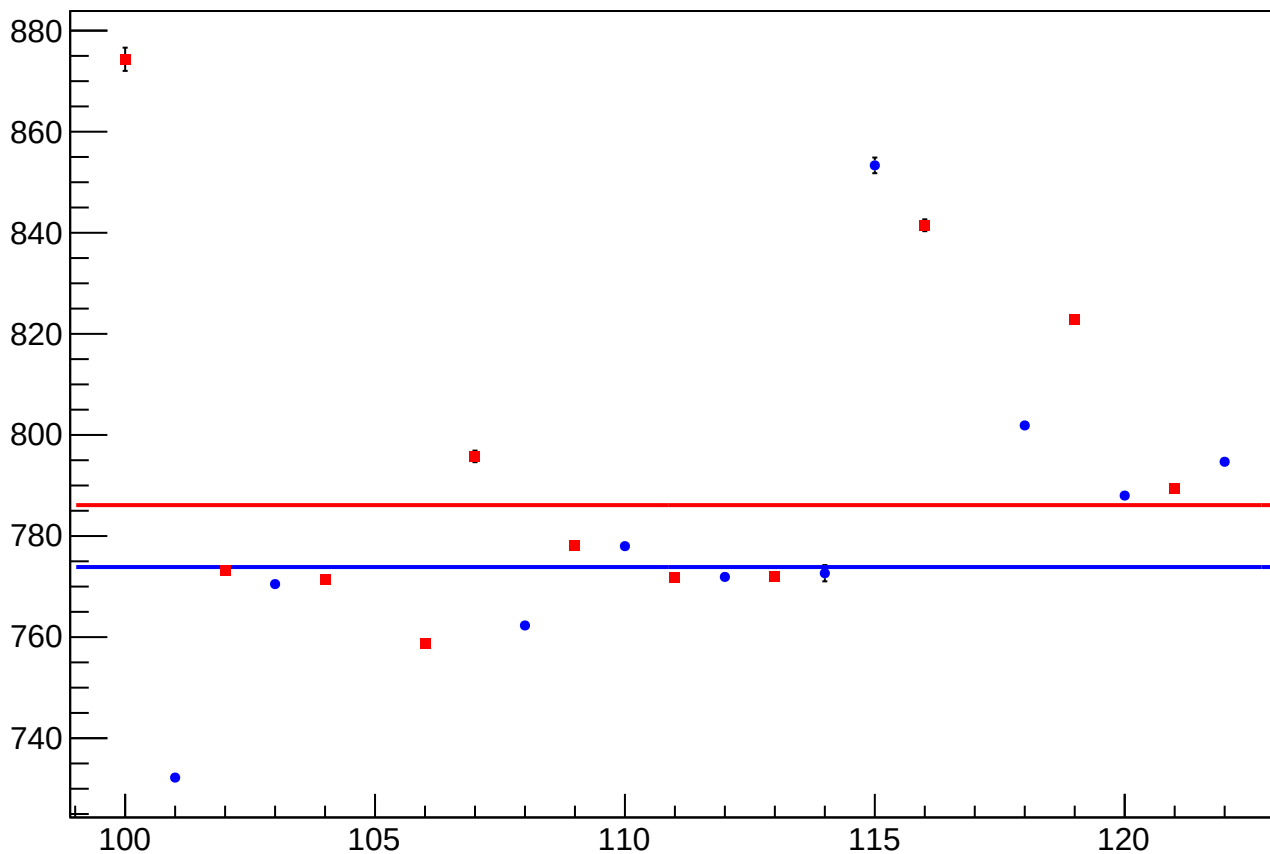
Right: 2051.783+/-263.510 χ^2/NDF : 9.3/20

In: 2405.521+/-381.947 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.783+/-263.510 χ^2/NDF : 9.3/20

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.864 $\pm$ 0.270 χ^2 /NDF: 9230.4/9

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

Right Out: 786.116 $\pm$ 0.257 χ^2 /NDF: 8871.6/10

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

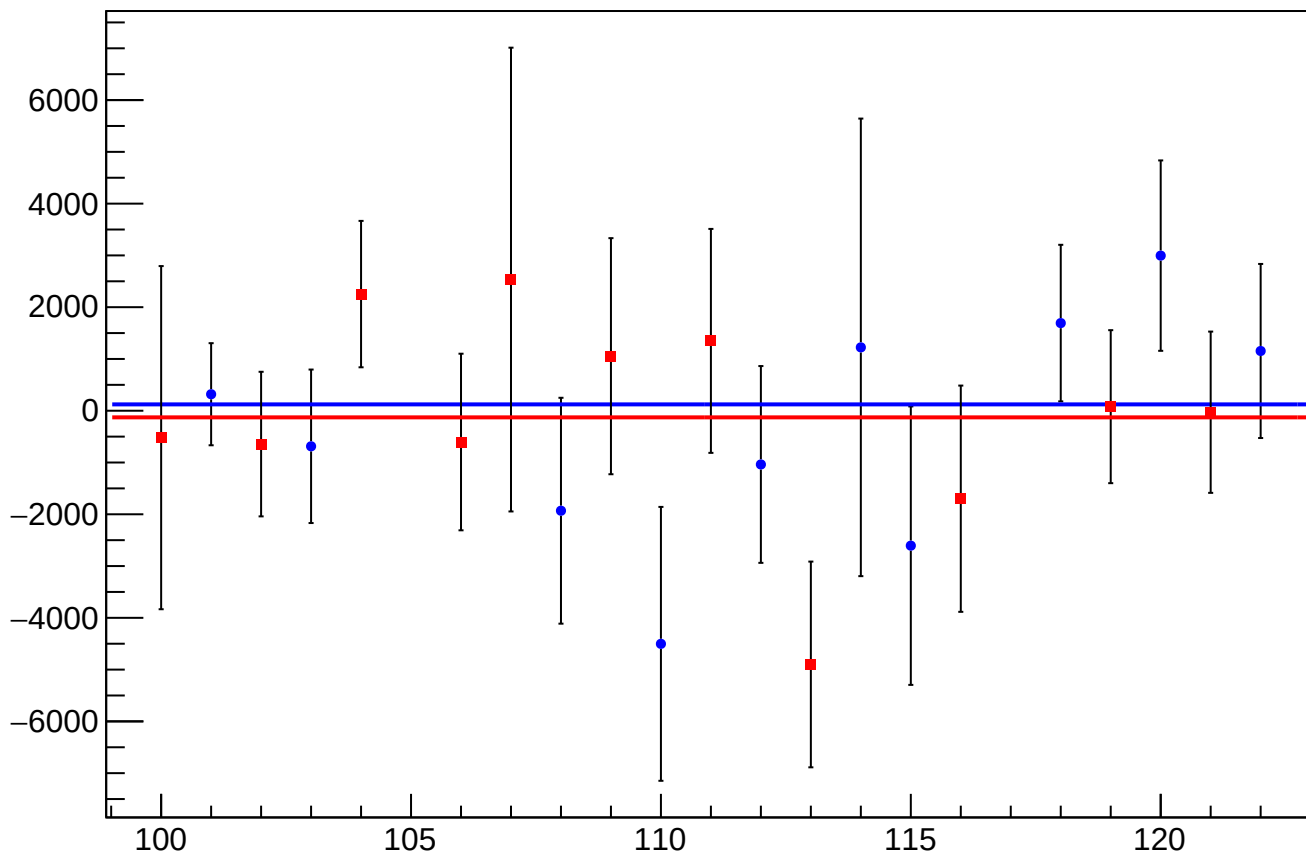
Right: 780.284 $\pm$ 0.186 χ^2 /NDF: 19180.6/20

In: 773.864 $\pm$ 0.270 χ^2 /NDF: 9230.4/9

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

All: 780.284 $\pm$ 0.186 χ^2 /NDF: 19180.6/20

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 122.636+/-543.103 χ^2/NDF : 9.6/9

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

Right Out: -128.050+/-555.795 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

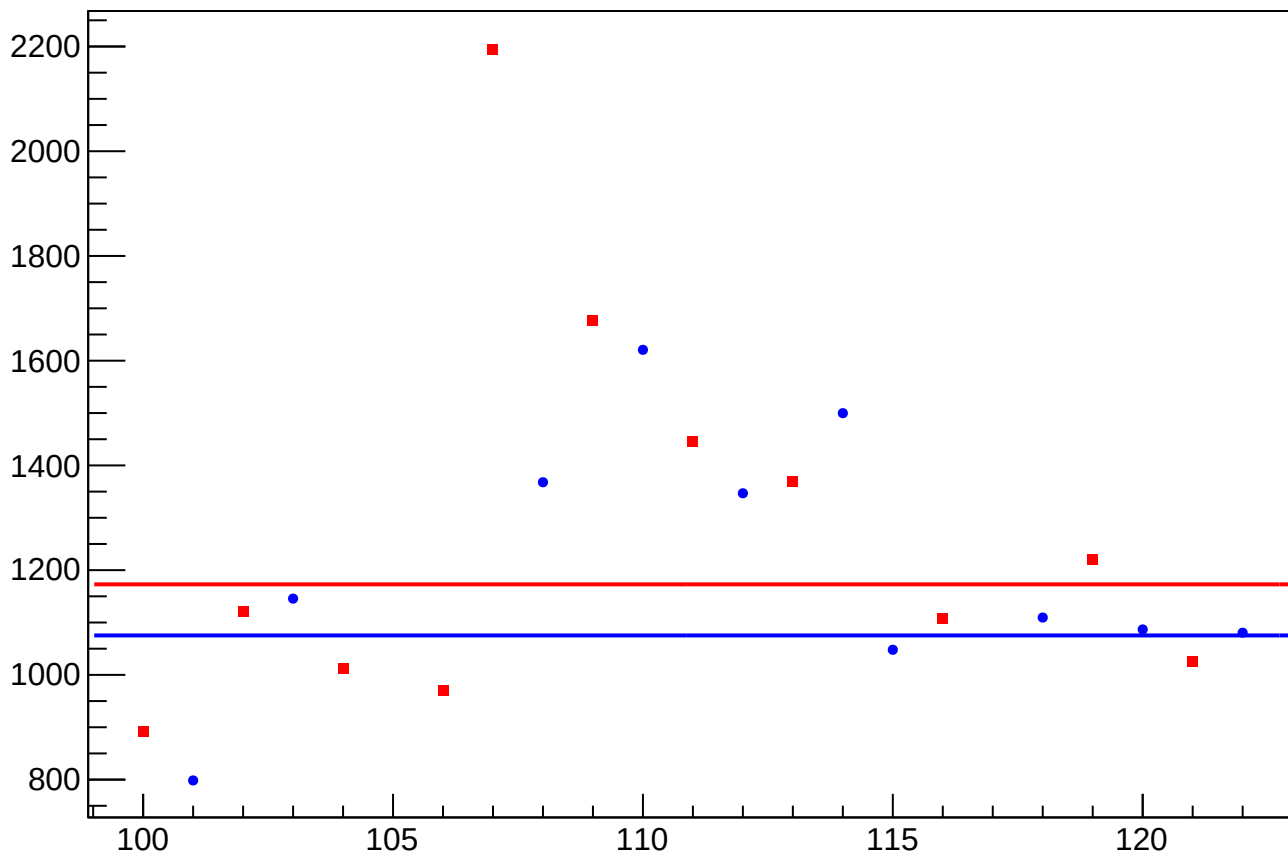
Right: 0.188+/-388.442 χ^2/NDF : 20.2/20

In: 122.636+/-543.103 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-388.442 χ^2/NDF : 20.2/20

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1075.310+/-0.384 χ^2/NDF : 343859.7/9

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

Right Out: 1172.871+/-0.393 χ^2/NDF : 345970.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

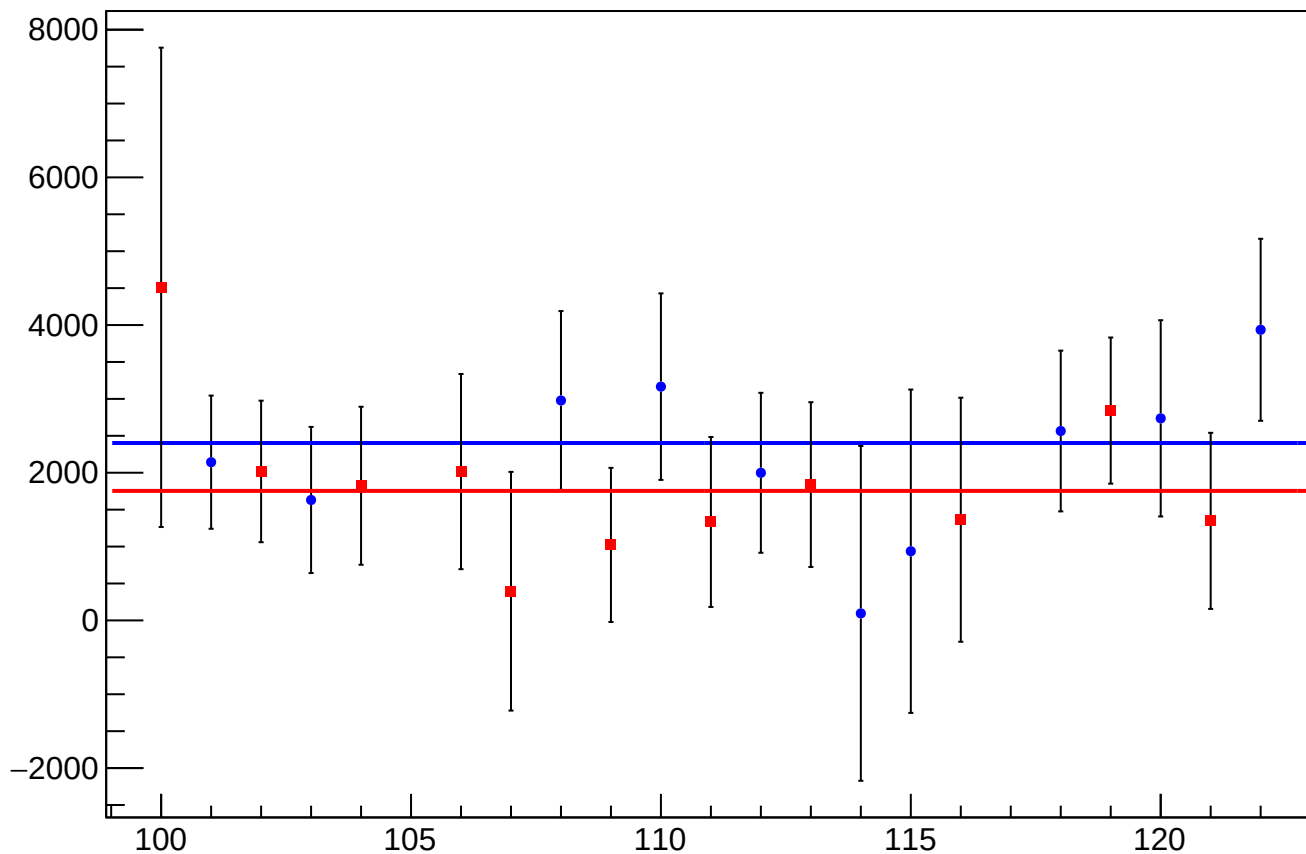
Right: 1122.964+/-0.275 χ^2/NDF : 721354.4/20

In: 1075.310+/-0.384 χ^2/NDF : 343859.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.964+/-0.275 χ^2/NDF : 721354.4/20

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2402.631+/-381.160 χ^2/NDF : 4.5/9

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

Right Out: 1754.035+/-363.237 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

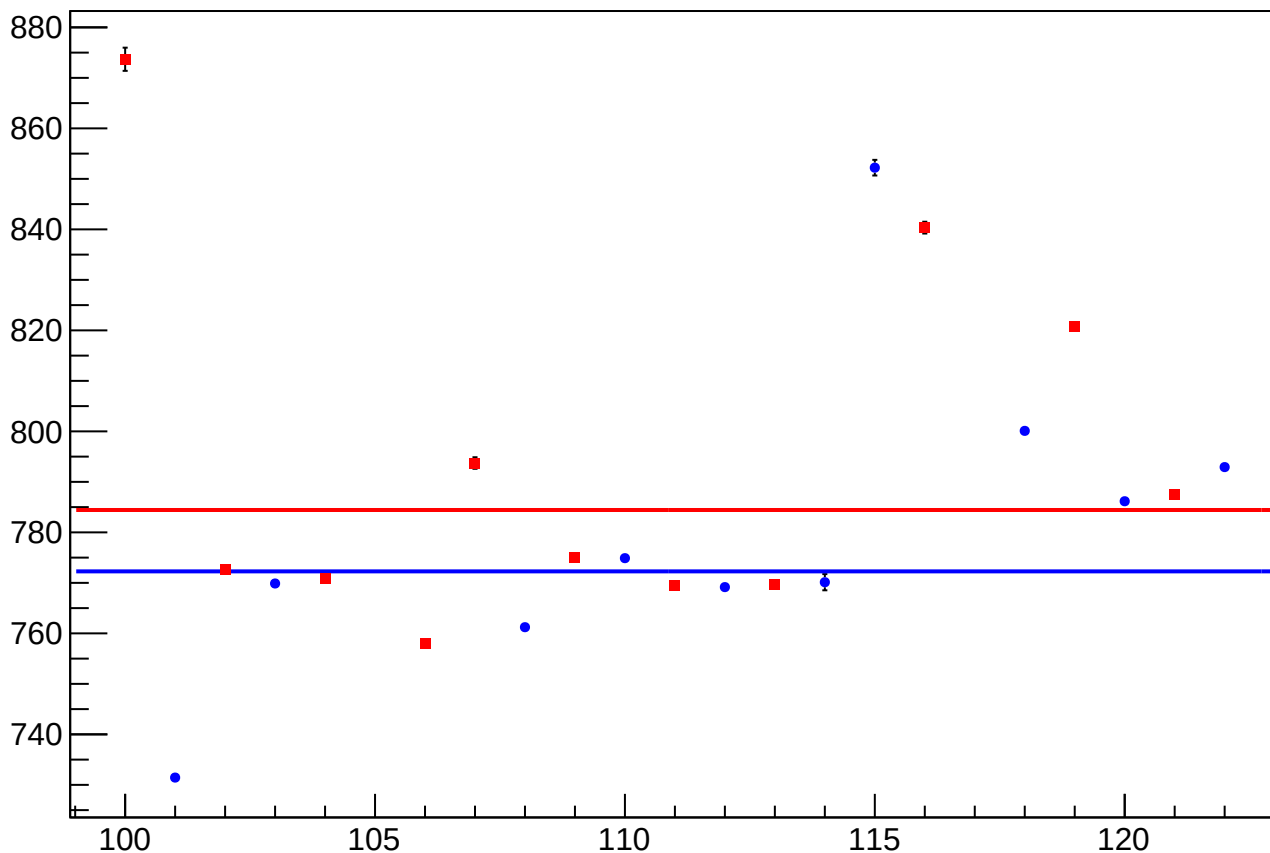
Right: 2062.726+/-262.955 χ^2/NDF : 9.6/20

In: 2402.631+/-381.160 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.726+/-262.955 χ^2/NDF : 9.6/20

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 772.277+/-0.270 χ^2/NDF : 9056.2/9

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

Right Out: 784.430+/-0.257 χ^2/NDF : 8848.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

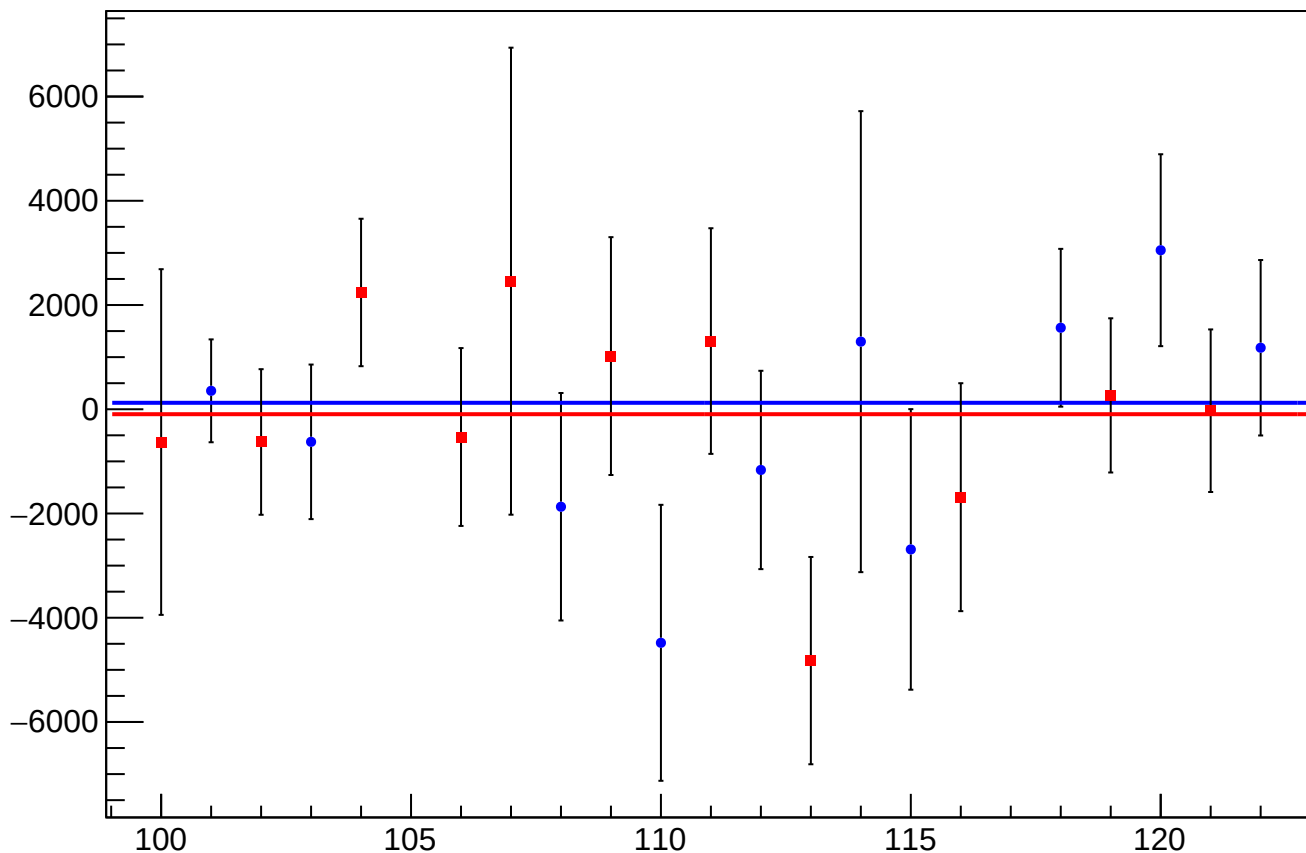
Right: 778.646+/-0.186 χ^2/NDF : 18970.7/20

In: 772.277+/-0.270 χ^2/NDF : 9056.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.646+/-0.186 χ^2/NDF : 18970.7/20

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 124.024+/-543.598 χ^2/NDF : 9.6/9

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

Right Out: -94.802+/-556.237 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

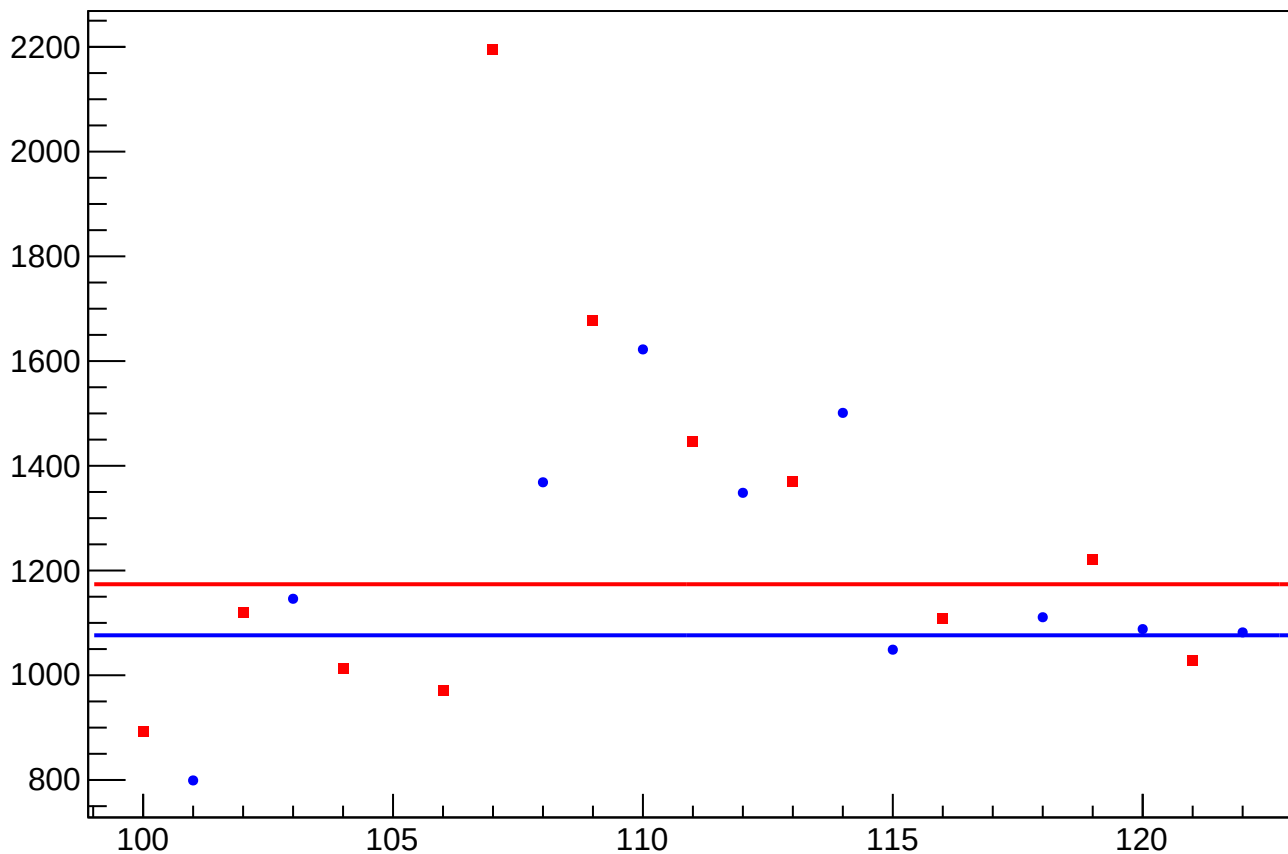
Right: 17.125+/-388.773 χ^2/NDF : 19.9/20

In: 124.024+/-543.598 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.125+/-388.773 χ^2/NDF : 19.9/20

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1076.298+/-0.384 χ^2/NDF : 343791.6/9

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

Right Out: 1173.811+/-0.393 χ^2/NDF : 346030.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

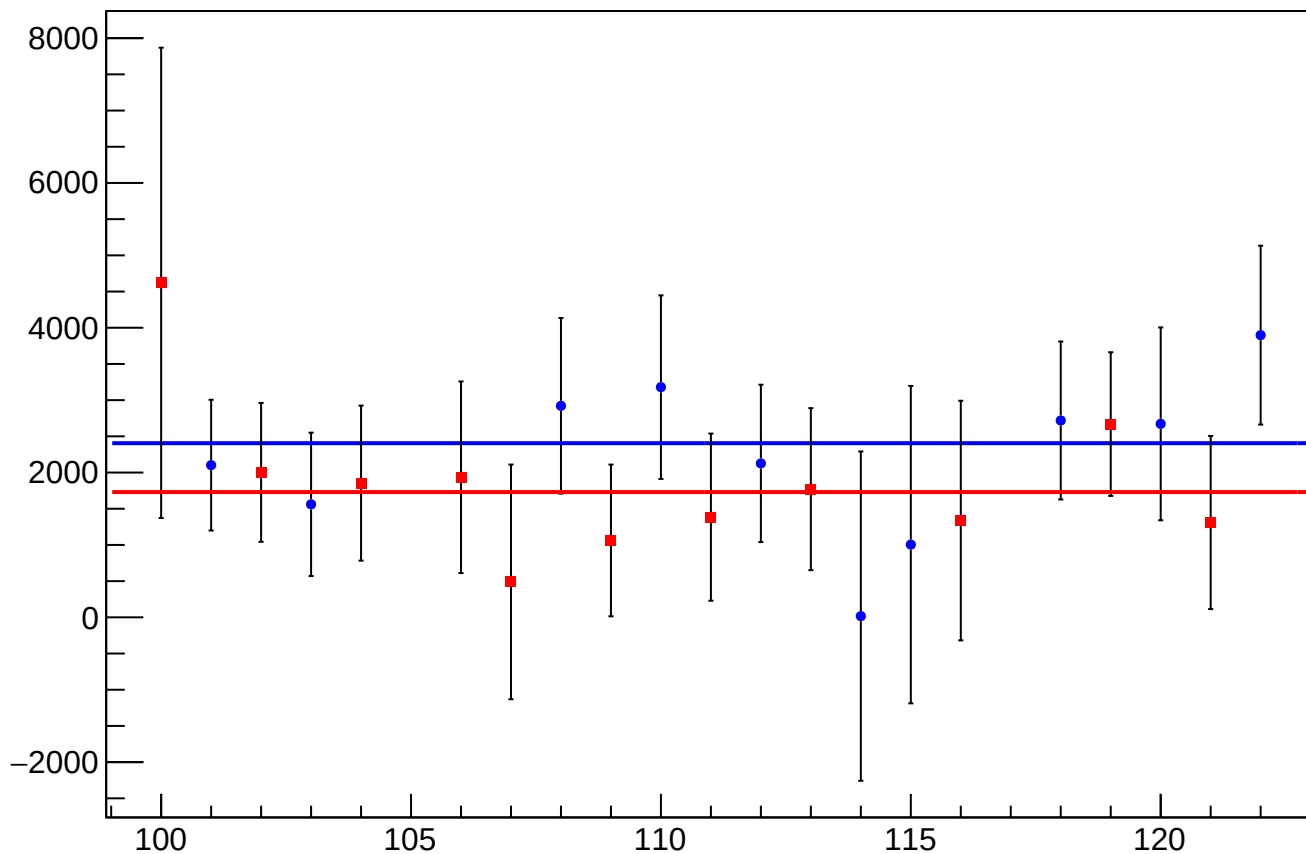
Right: 1123.934+/-0.275 χ^2/NDF : 721261.4/20

In: 1076.298+/-0.384 χ^2/NDF : 343791.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.934+/-0.275 χ^2/NDF : 721261.4/20

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2405.521+/-381.947 χ^2/NDF : 4.6/9

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

Right Out: 1730.477+/-364.017 χ^2/NDF : 3.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

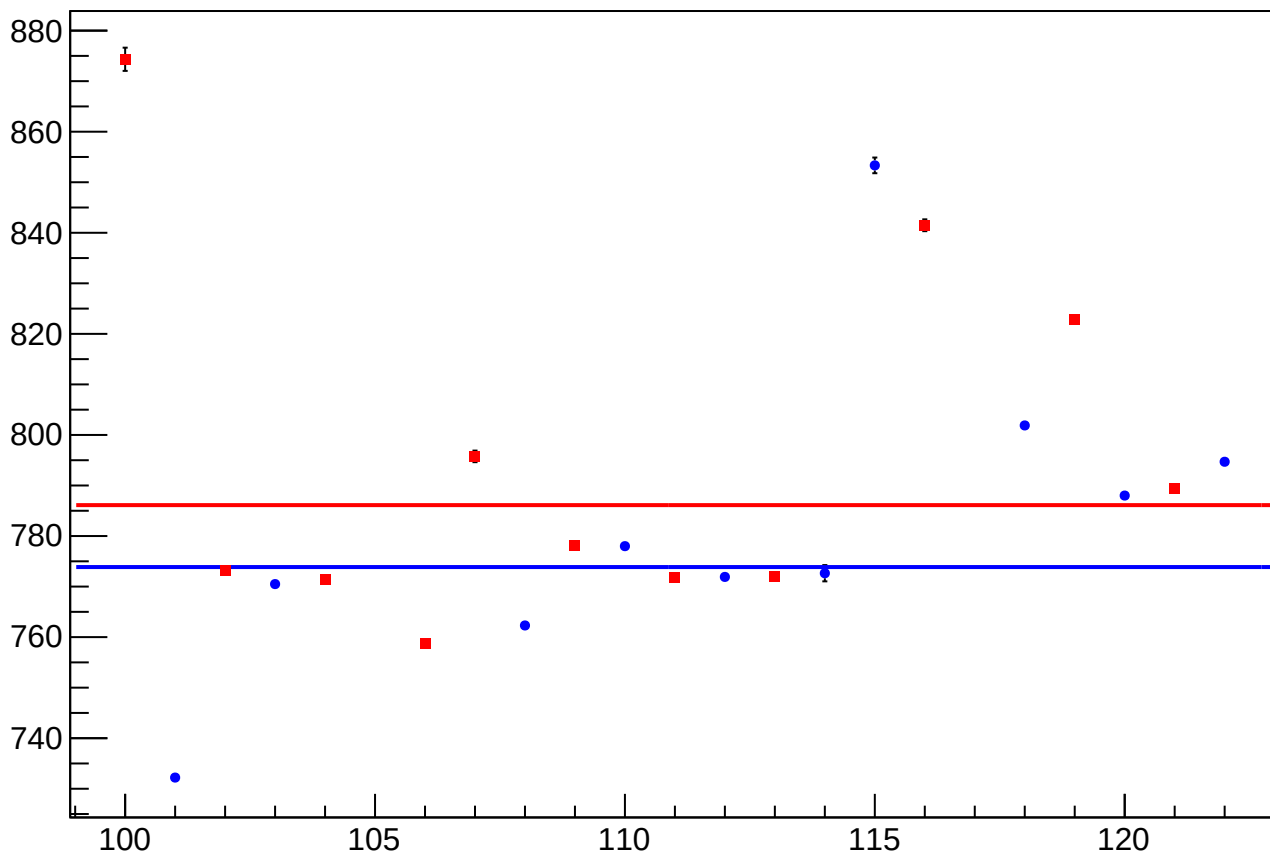
Right: 2051.783+/-263.510 χ^2/NDF : 9.3/20

In: 2405.521+/-381.947 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.783+/-263.510 χ^2/NDF : 9.3/20

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.864+/-0.270 χ^2/NDF : 9230.4/9

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

Right Out: 786.116+/-0.257 χ^2/NDF : 8871.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

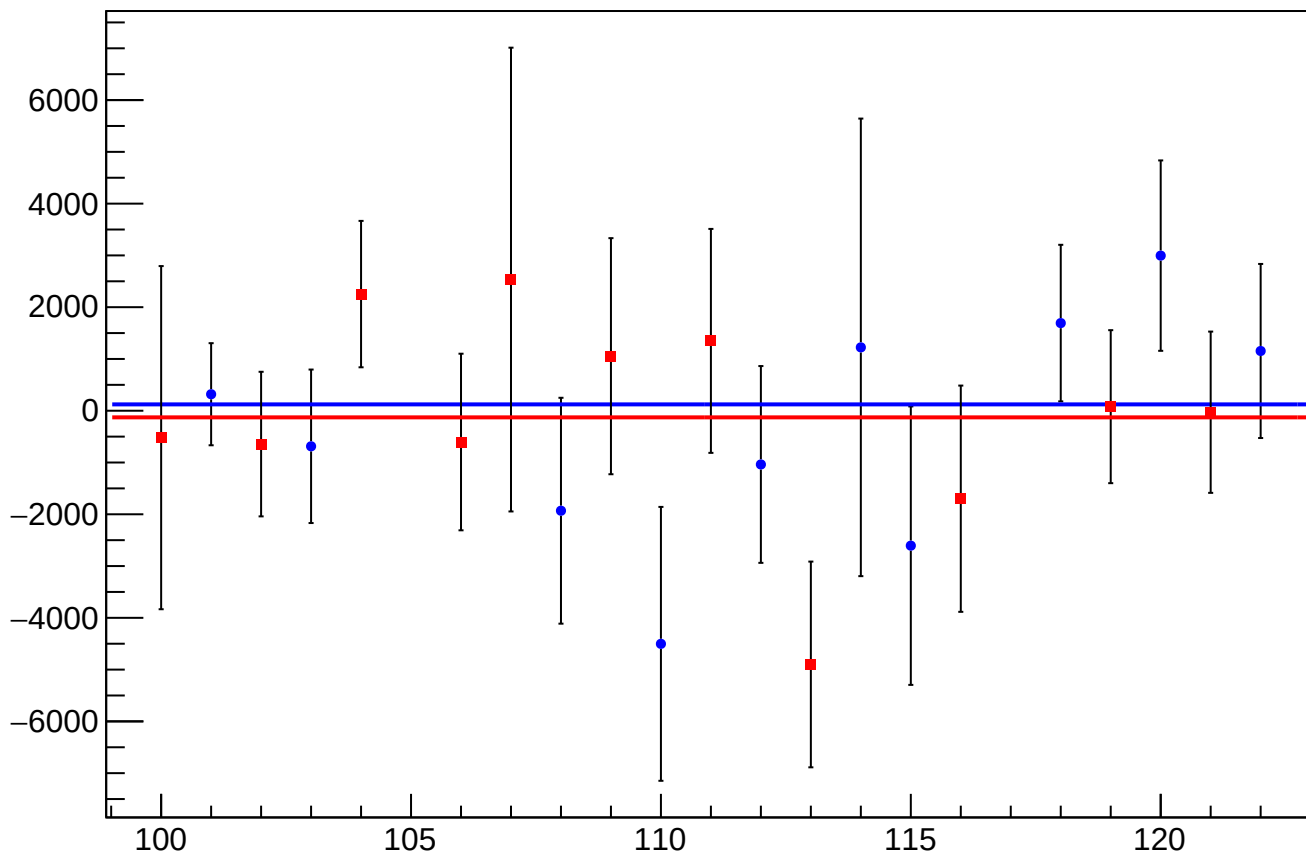
Right: 780.284+/-0.186 χ^2/NDF : 19180.6/20

In: 773.864+/-0.270 χ^2/NDF : 9230.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.284+/-0.186 χ^2/NDF : 19180.6/20

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 122.636+/-543.103 χ^2/NDF : 9.6/9

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

Right Out: -128.050+/-555.795 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

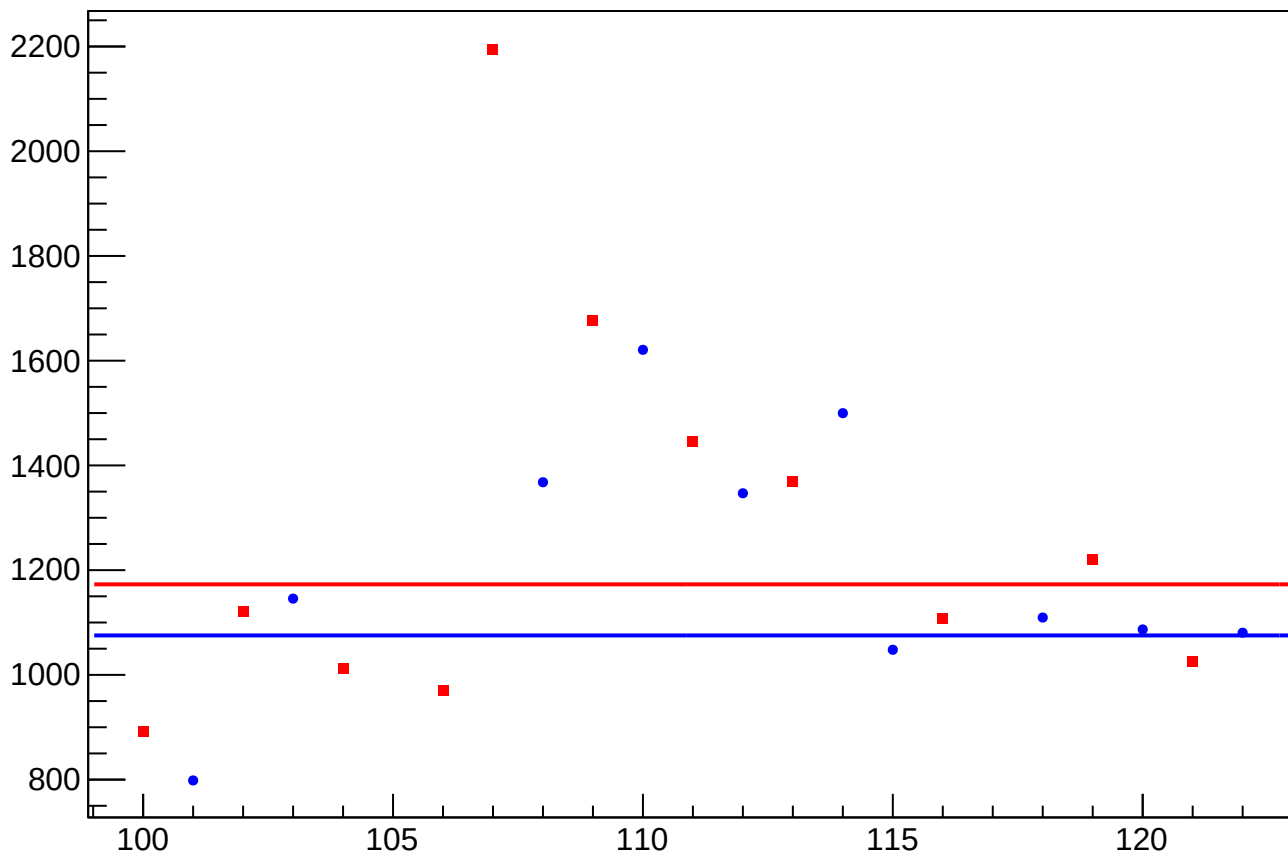
Right: 0.188+/-388.442 χ^2/NDF : 20.2/20

In: 122.636+/-543.103 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-388.442 χ^2/NDF : 20.2/20

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1075.310+/-0.384 χ^2/NDF : 343859.7/9

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

Right Out: 1172.871+/-0.393 χ^2/NDF : 345970.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

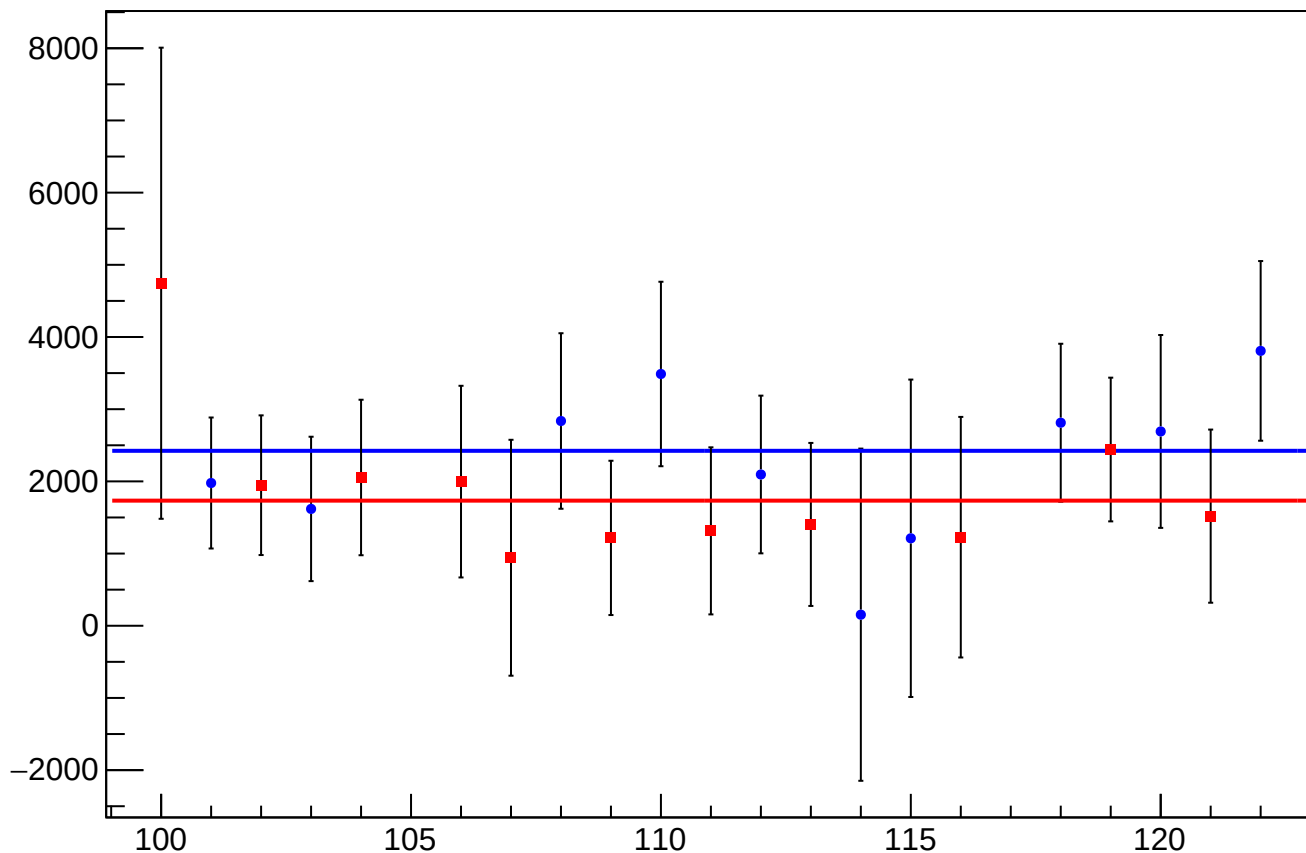
Right: 1122.964+/-0.275 χ^2/NDF : 721354.4/20

In: 1075.310+/-0.384 χ^2/NDF : 343859.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.964+/-0.275 χ^2/NDF : 721354.4/20

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2423.386+/-384.072 χ^2/NDF : 4.5/9

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

Right Out: 1733.284+/-366.668 χ^2/NDF : 2.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

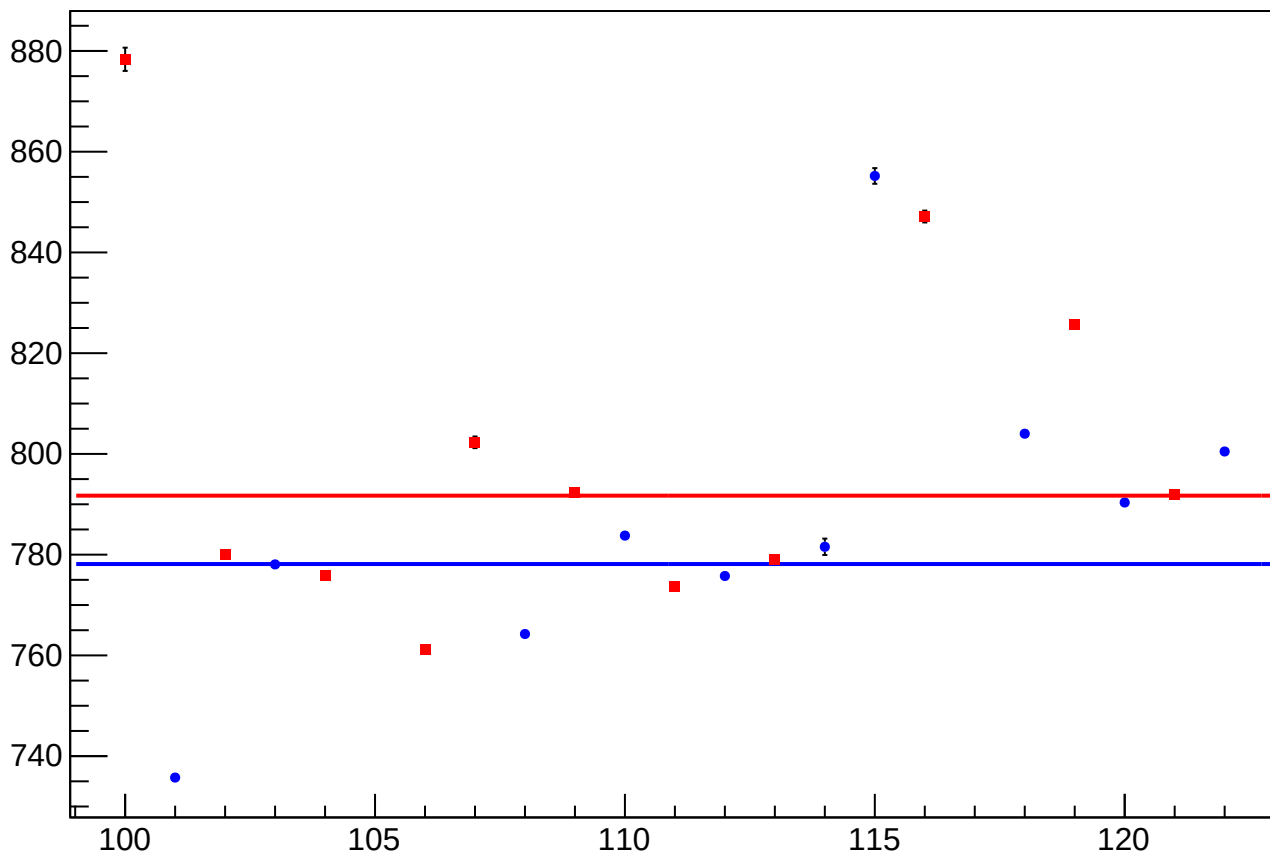
Right: 2062.345+/-265.213 χ^2/NDF : 8.5/20

In: 2423.386+/-384.072 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.345+/-265.213 χ^2/NDF : 8.5/20

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 778.137+/-0.272 χ^2/NDF : 9067.2/9

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

Right Out: 791.714+/-0.259 χ^2/NDF : 8547.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

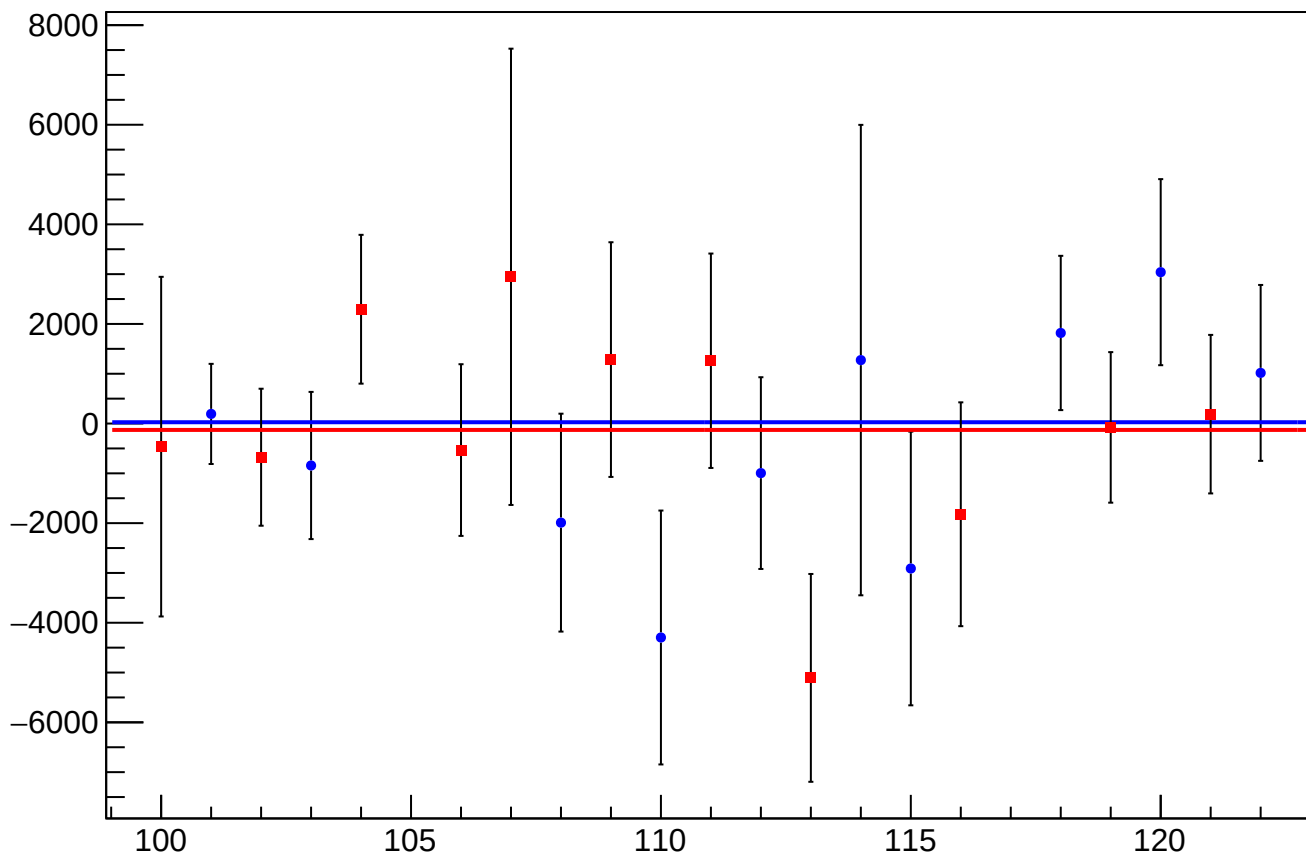
Right: 785.240+/-0.188 χ^2/NDF : 18921.8/20

In: 778.137+/-0.272 χ^2/NDF : 9067.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.240+/-0.188 χ^2/NDF : 18921.8/20

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 26.367+/-552.082 χ^2/NDF : 9.8/9

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

Right Out: -128.160+/-567.695 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

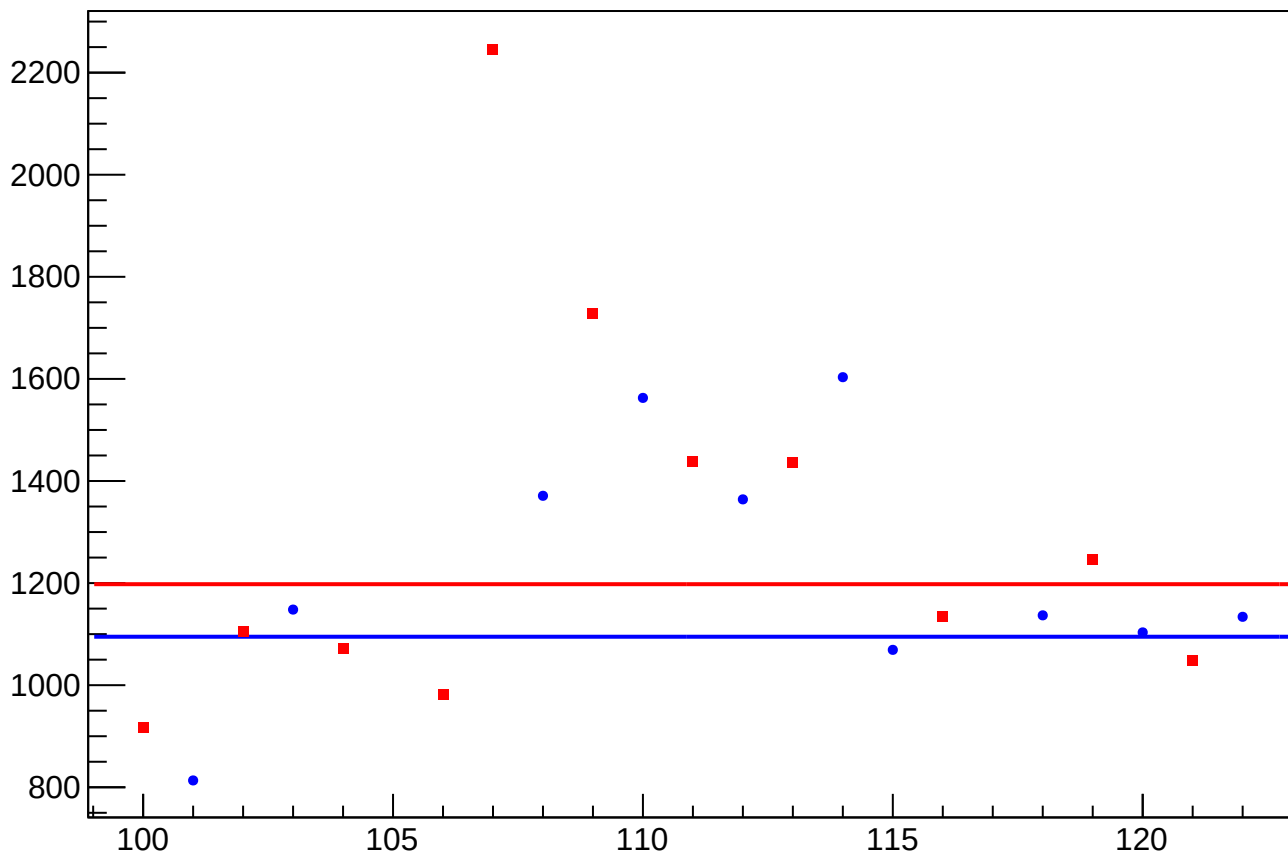
Right: -48.742+/-395.785 χ^2/NDF : 20.3/20

In: 26.367+/-552.082 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.742+/-395.785 χ^2/NDF : 20.3/20

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1094.922+/-0.390 χ^2/NDF : 323517.4/9

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

Right Out: 1197.850+/-0.401 χ^2/NDF : 346534.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

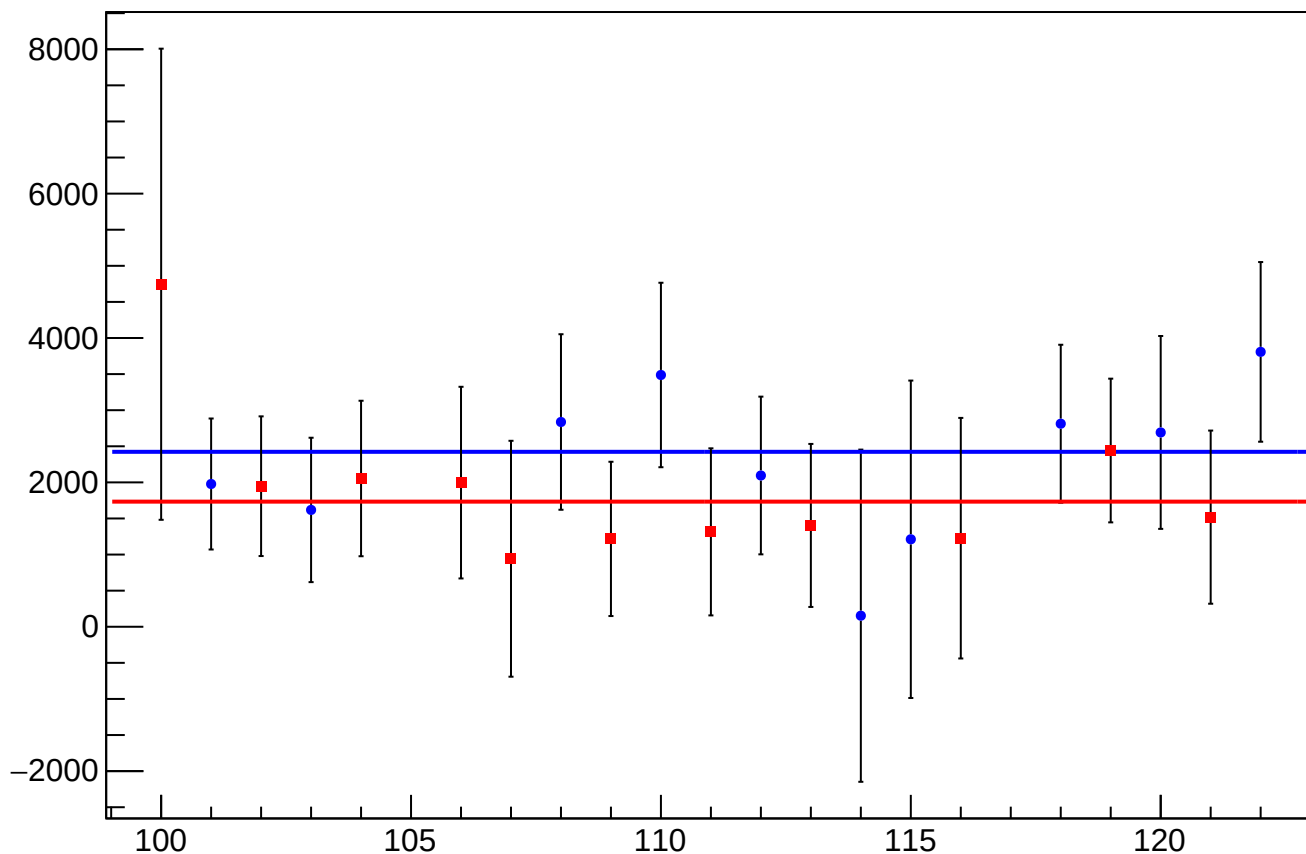
Right: 1144.951+/-0.280 χ^2/NDF : 703840.8/20

In: 1094.922+/-0.390 χ^2/NDF : 323517.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.951+/-0.280 χ^2/NDF : 703840.8/20

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2423.386+/-384.072 χ^2/NDF : 4.5/9

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

Right Out: 1733.284+/-366.668 χ^2/NDF : 2.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

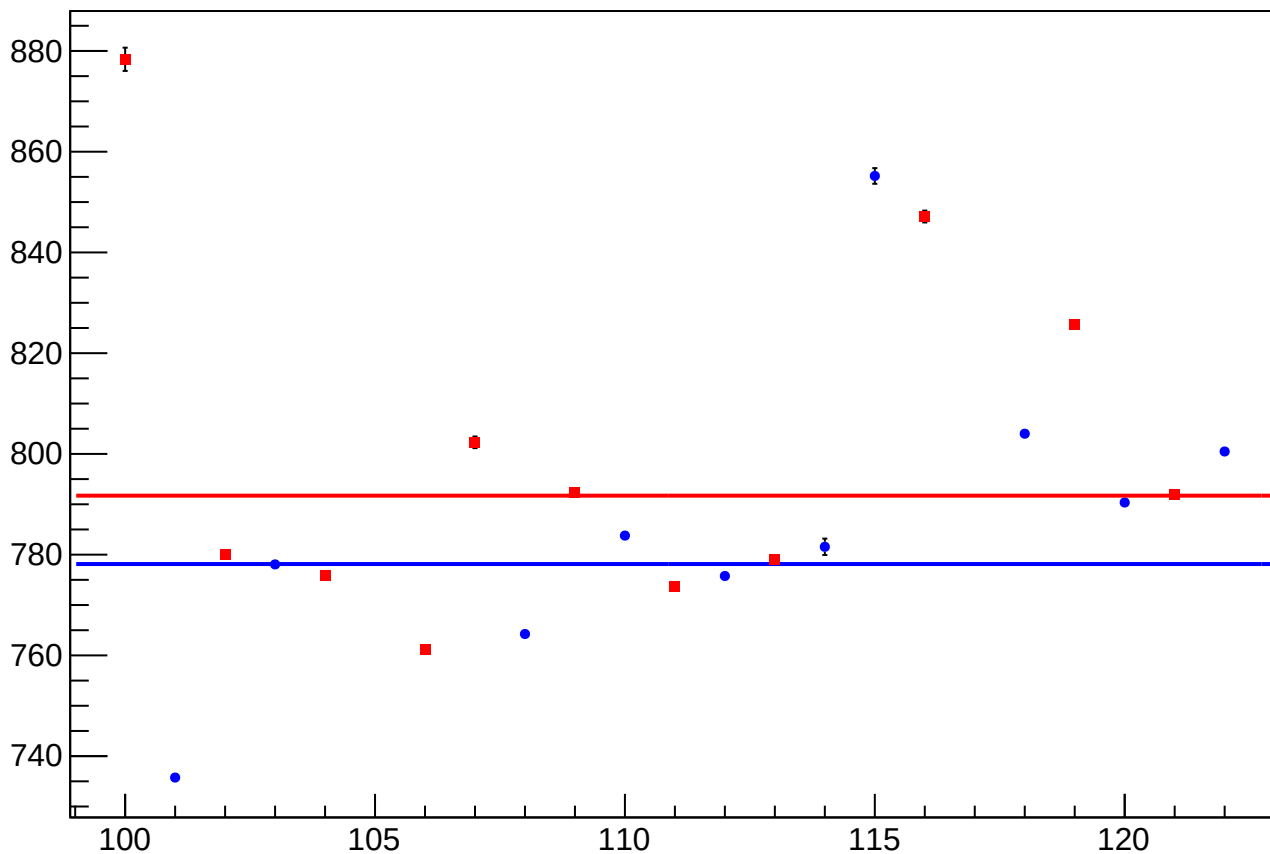
Right: 2062.345+/-265.213 χ^2/NDF : 8.5/20

In: 2423.386+/-384.072 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.345+/-265.213 χ^2/NDF : 8.5/20

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 778.137+/-0.272 χ^2/NDF : 9067.1/9

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

Right Out: 791.714+/-0.259 χ^2/NDF : 8547.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

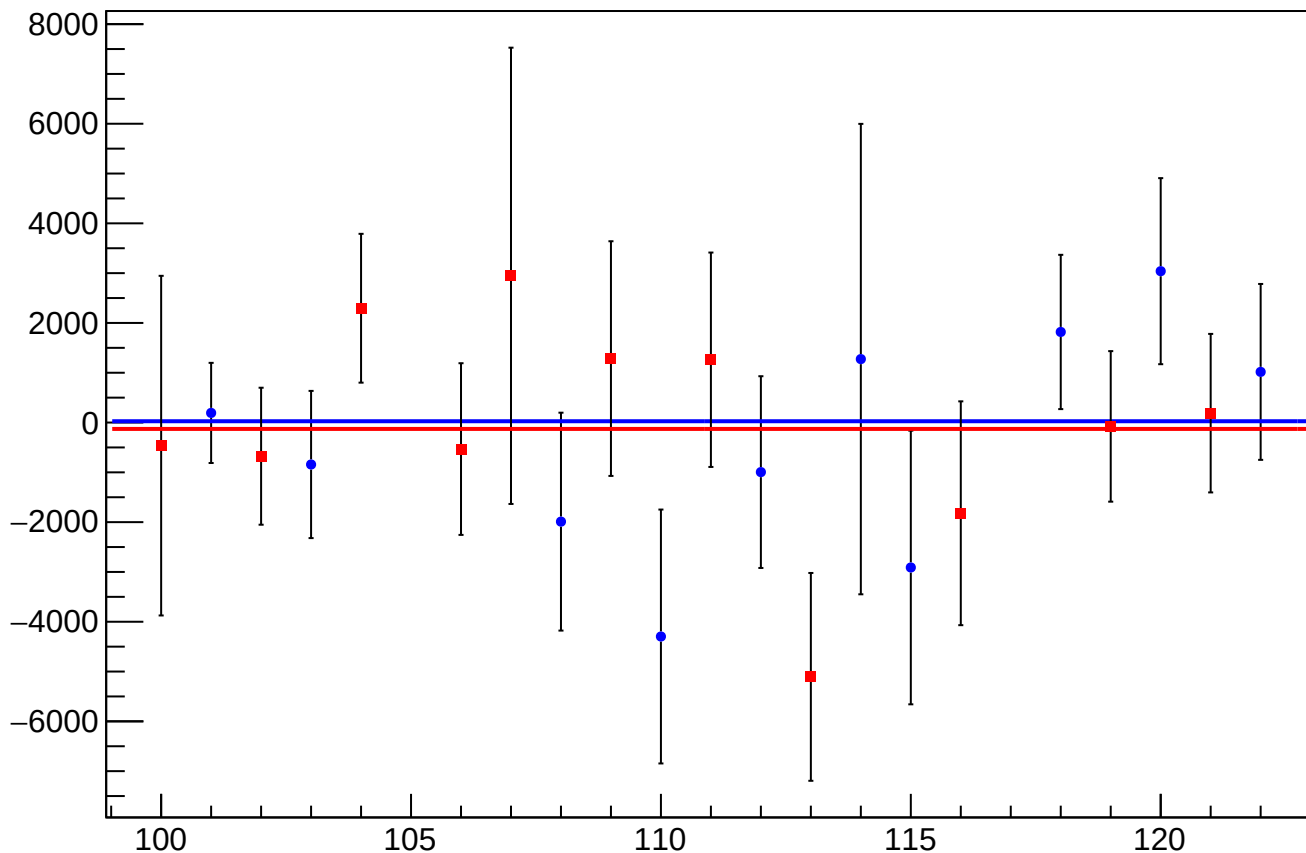
Right: 785.240+/-0.188 χ^2/NDF : 18921.7/20

In: 778.137+/-0.272 χ^2/NDF : 9067.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.240+/-0.188 χ^2/NDF : 18921.7/20

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 26.368+/-552.080 χ^2/NDF : 9.8/9

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

Right Out: -128.160+/-567.693 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

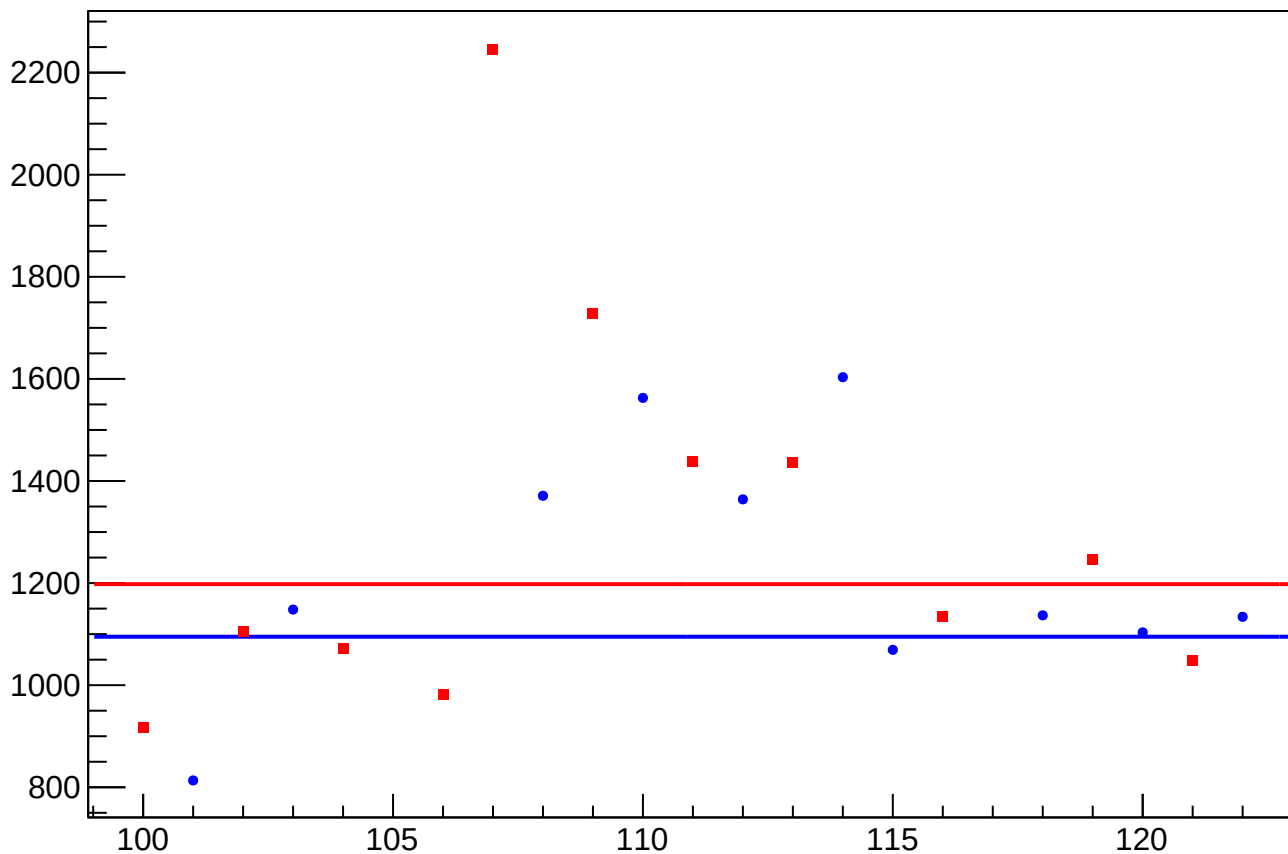
Right: -48.742+/-395.784 χ^2/NDF : 20.3/20

In: 26.368+/-552.080 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.742+/-395.784 χ^2/NDF : 20.3/20

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1094.919+/-0.390 χ^2/NDF : 323515.2/9

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

Right Out: 1197.847+/-0.401 χ^2/NDF : 346532.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

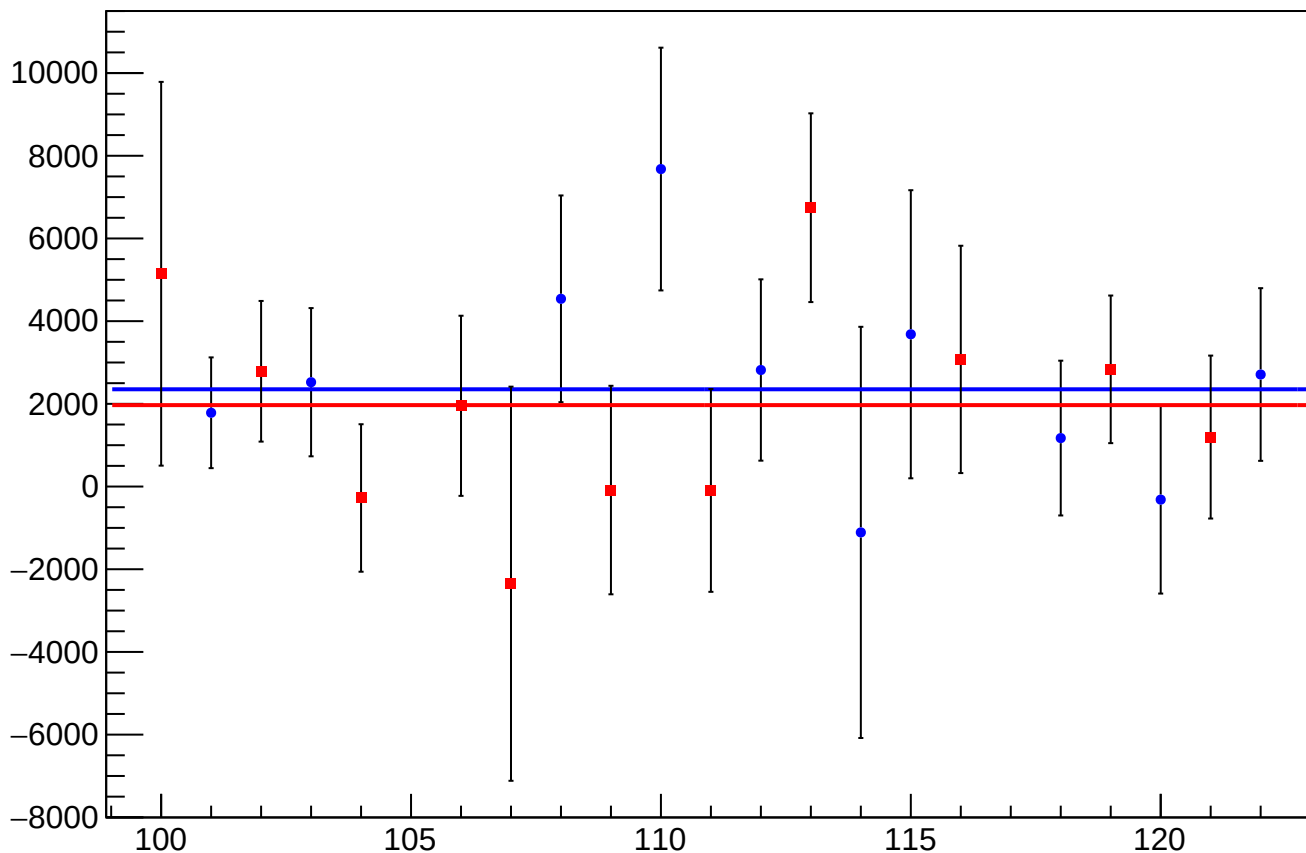
Right: 1144.948+/-0.280 χ^2/NDF : 703836.7/20

In: 1094.919+/-0.390 χ^2/NDF : 323515.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.948+/-0.280 χ^2/NDF : 703836.7/20

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2352.119+/-676.645 χ^2/NDF : 6.7/9

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

Right Out: 1969.271+/-677.228 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

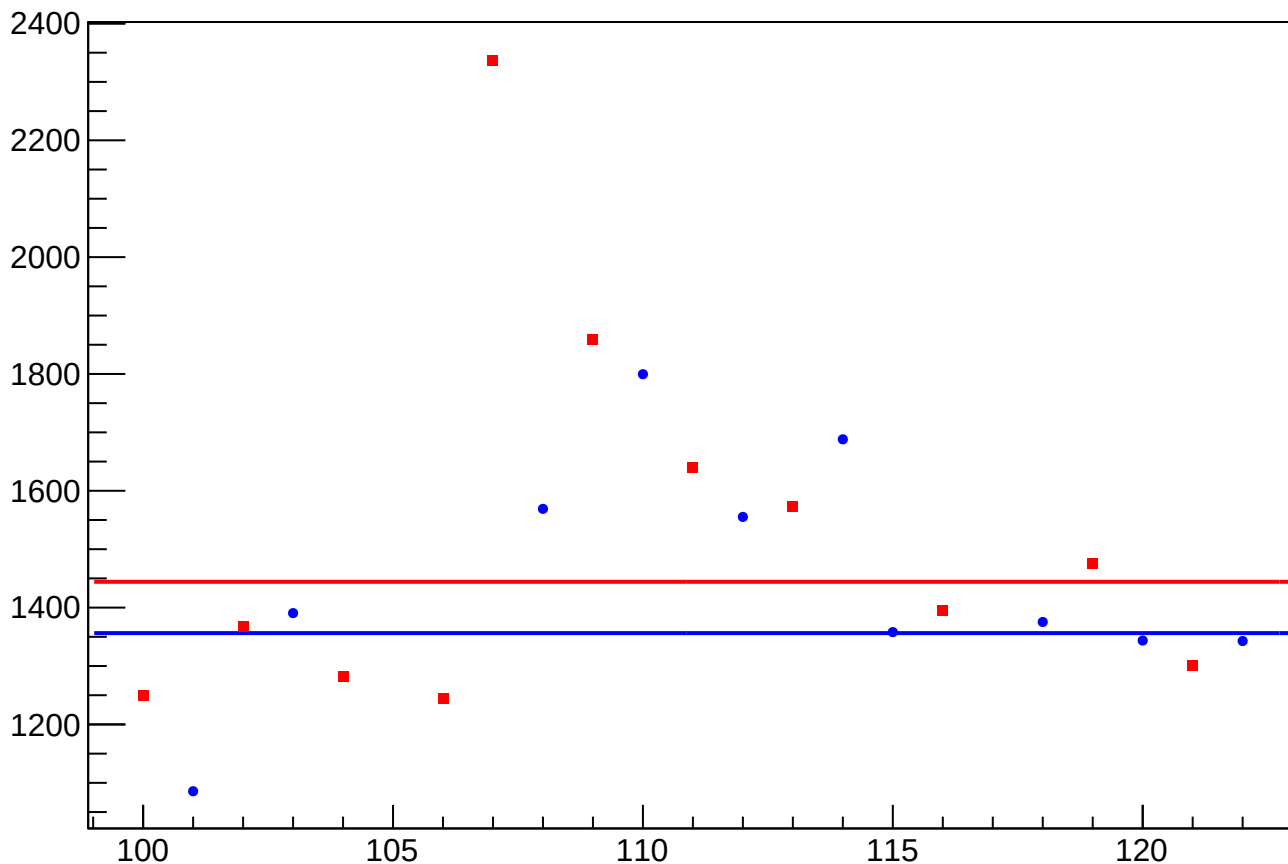
Right: 2160.860+/-478.666 χ^2/NDF : 16.3/20

In: 2352.119+/-676.645 χ^2/NDF : 6.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.860+/-478.666 χ^2/NDF : 16.3/20

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1356.343+/-0.478 χ^2/NDF : 168242.8/9

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

Right Out: 1444.194+/-0.479 χ^2/NDF : 196256.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

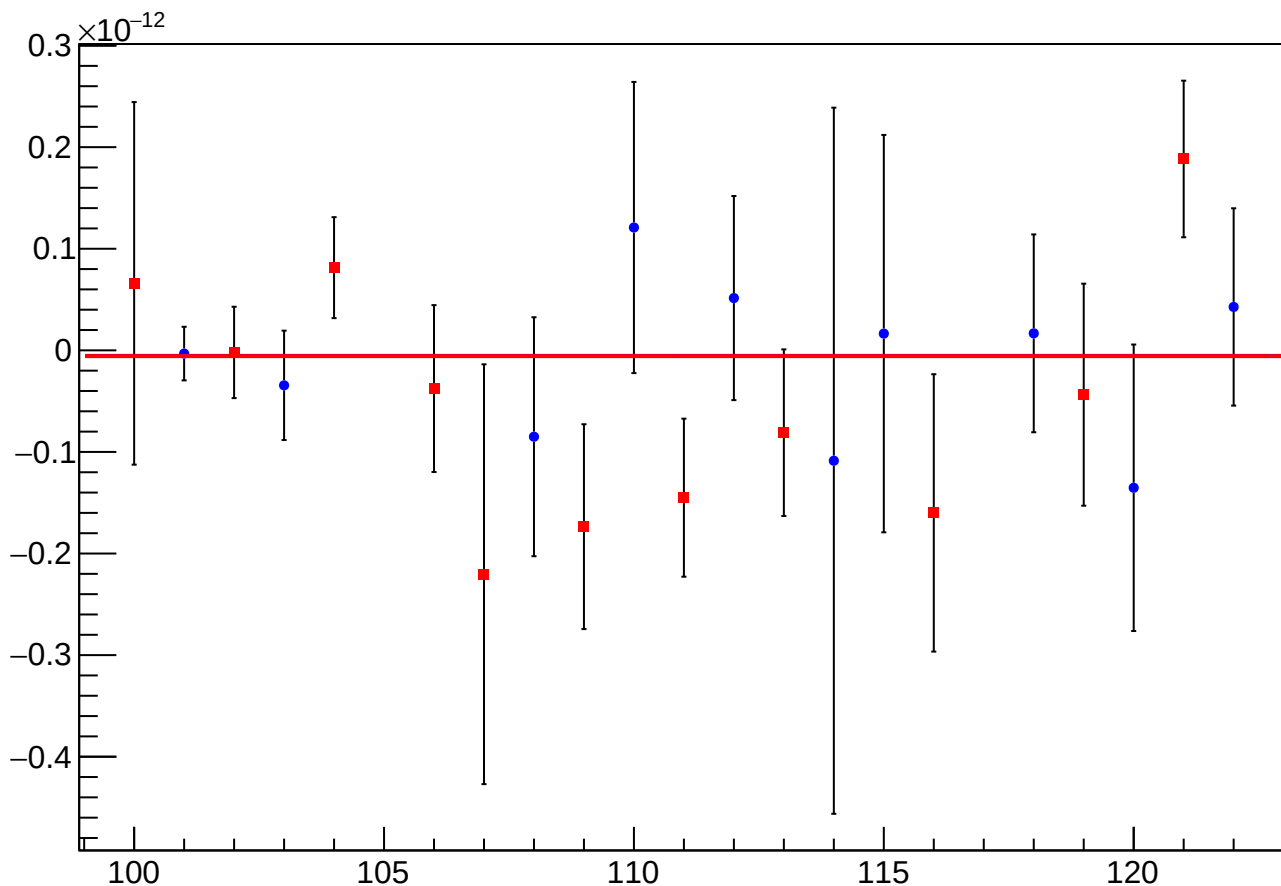
Right: 1400.230+/-0.338 χ^2/NDF : 381341.4/20

In: 1356.343+/-0.478 χ^2/NDF : 168242.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.230+/-0.338 χ^2/NDF : 381341.4/20

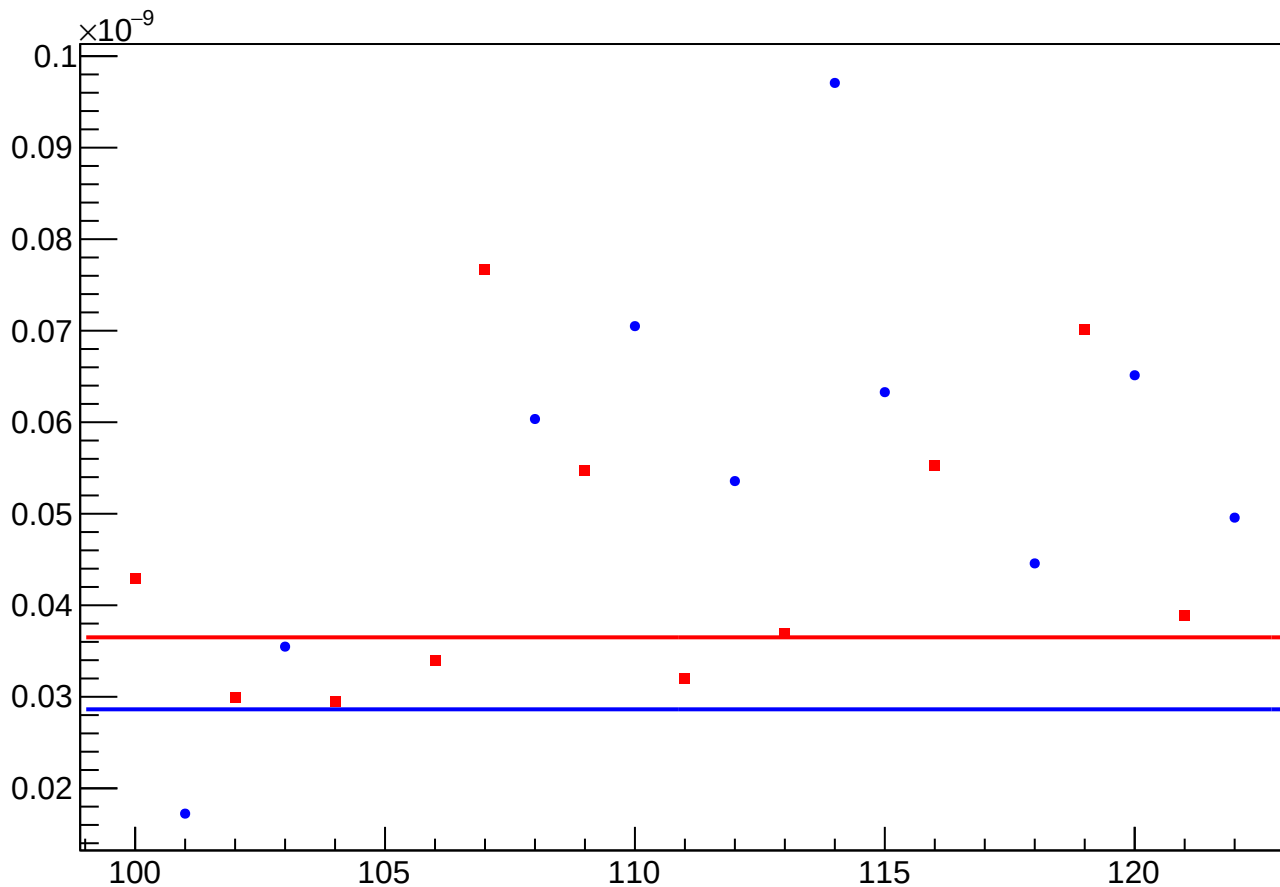
asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.000+/-0.000 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: -0.000+/-0.000 χ^2/NDF : 22.1/20
 In: -0.000+/-0.000 χ^2/NDF :3.1/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 22.1/20

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1266218.9/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 463958.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

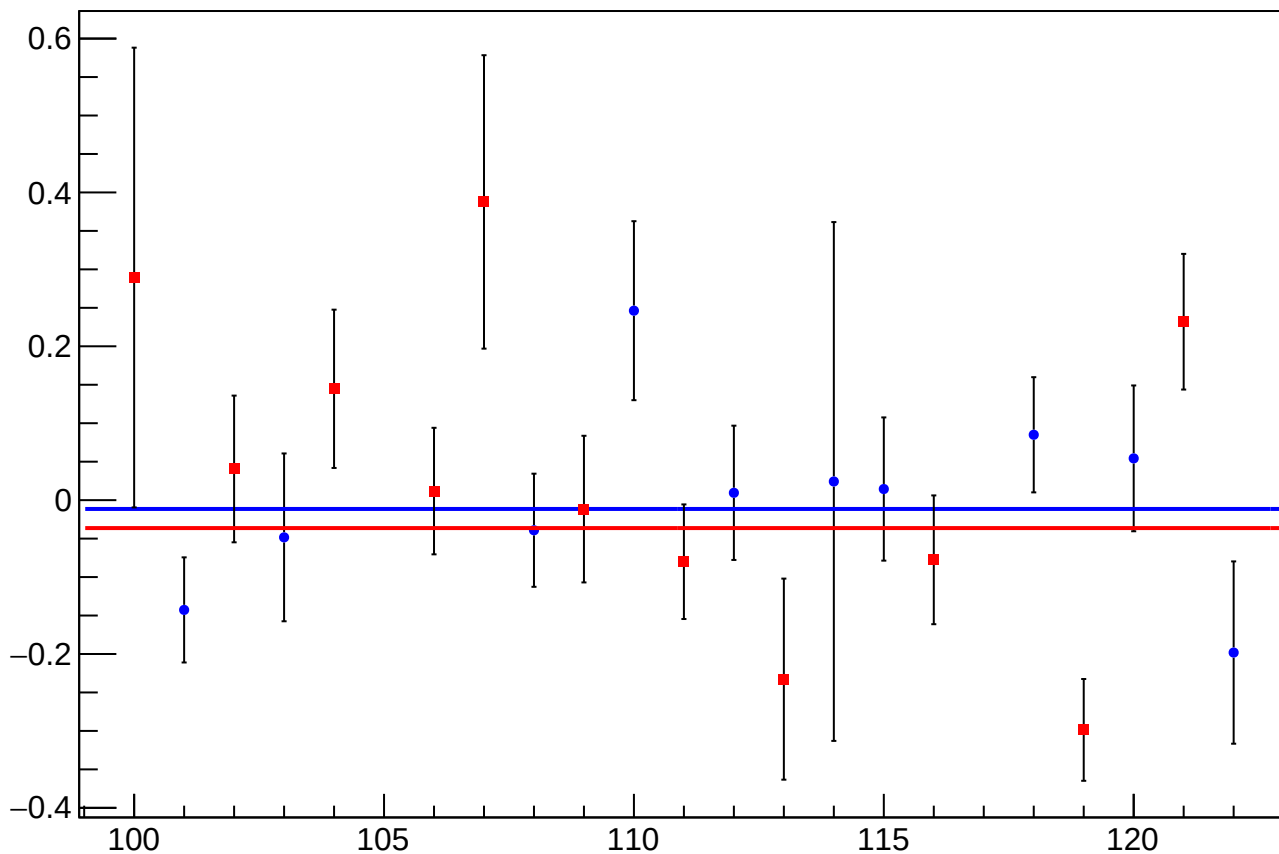
Right: 0.000+/-0.000 χ^2/NDF : 1855890.6/20

In: 0.000+/-0.000 χ^2/NDF : 1266218.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1855890.6/20

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.029 χ^2/NDF : 13.6/9

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

Right Out: -0.036+/-0.028 χ^2/NDF : 38.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

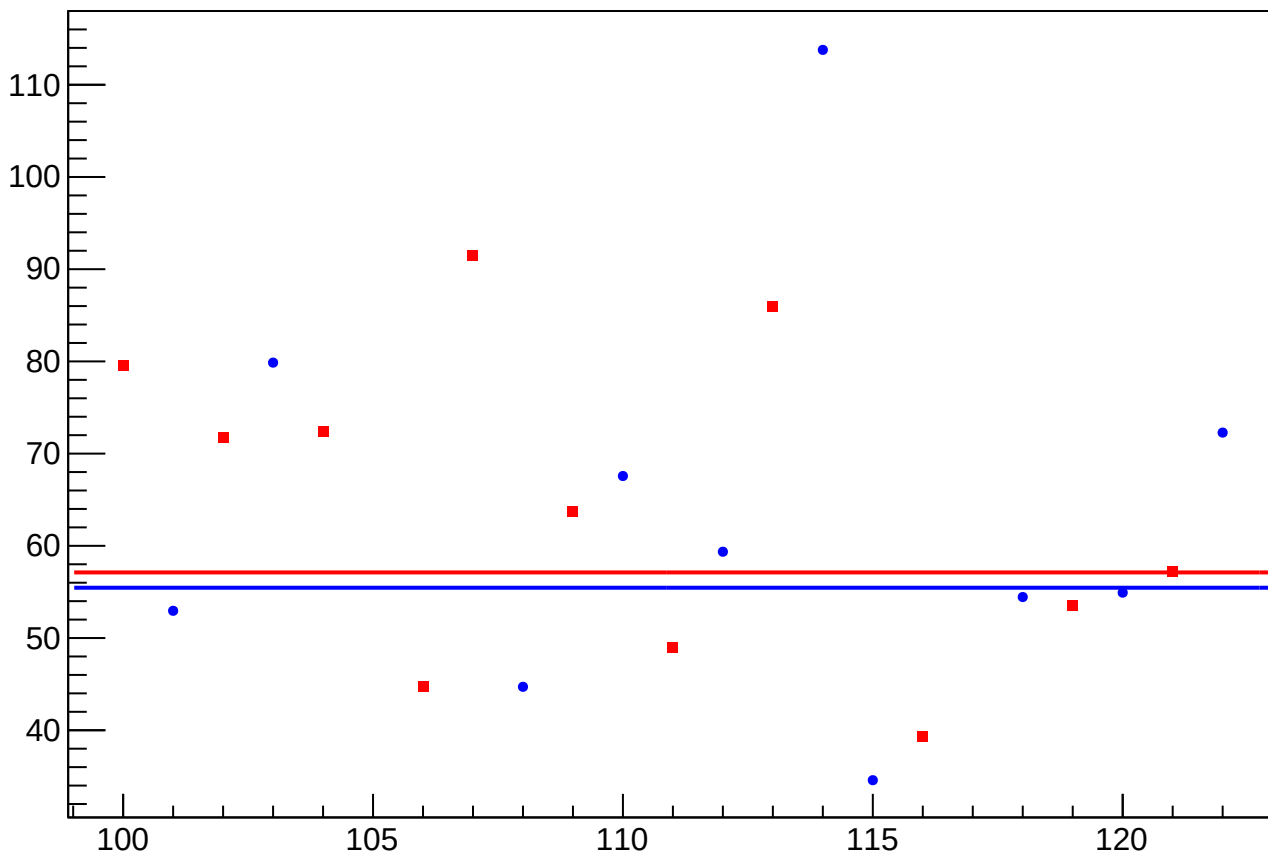
Right: -0.024+/-0.020 χ^2/NDF : 52.1/20

In: -0.011+/-0.029 χ^2/NDF :13.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.024+/-0.020 χ^2/NDF : 52.1/20

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.456+/-0.021 χ^2/NDF : 372374.0/9

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

Right Out: 57.115+/-0.020 χ^2/NDF : 439360.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

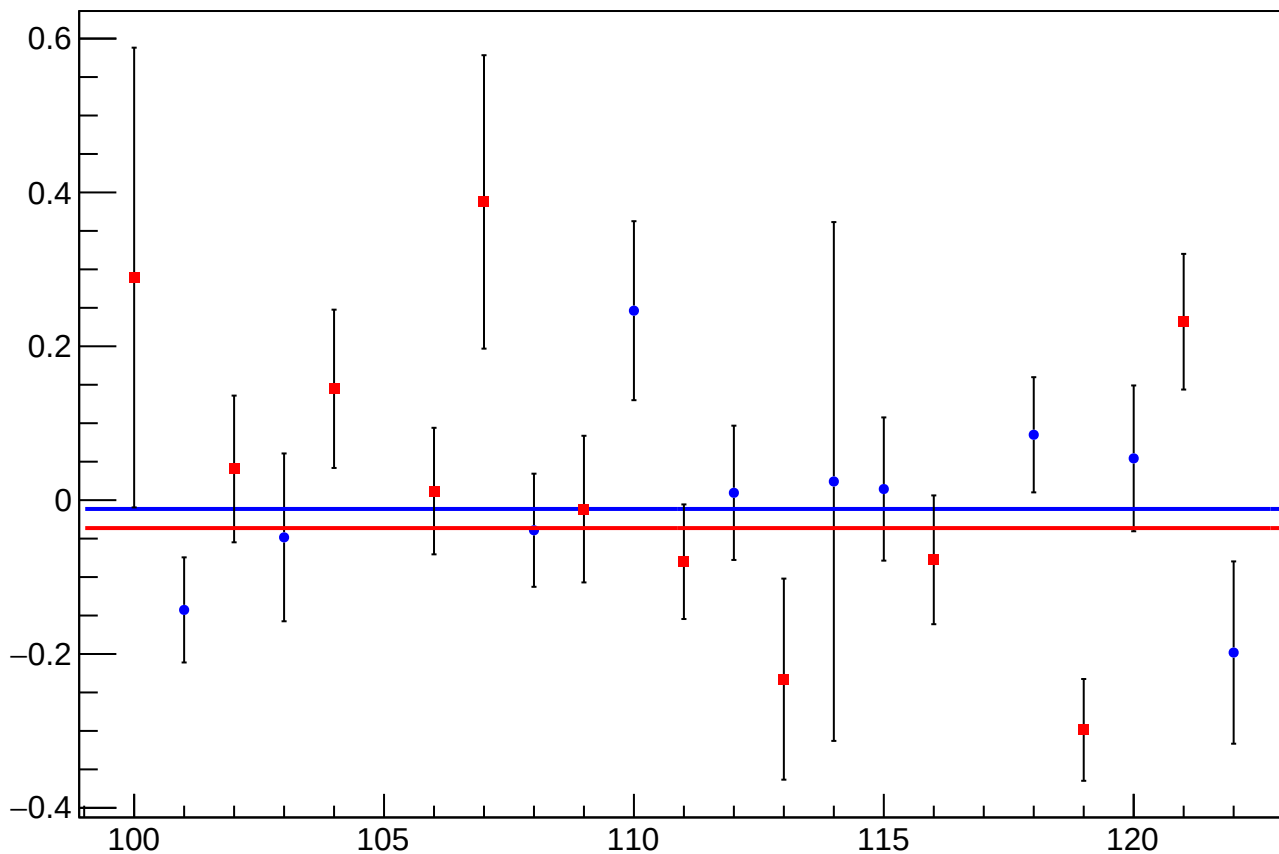
Right: 56.308+/-0.014 χ^2/NDF : 815053.8/20

In: 55.456+/-0.021 χ^2/NDF : 372374.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.308+/-0.014 χ^2/NDF : 815053.8/20

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.029 χ^2/NDF : 13.6/9

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

Right Out: -0.036+/-0.028 χ^2/NDF : 38.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

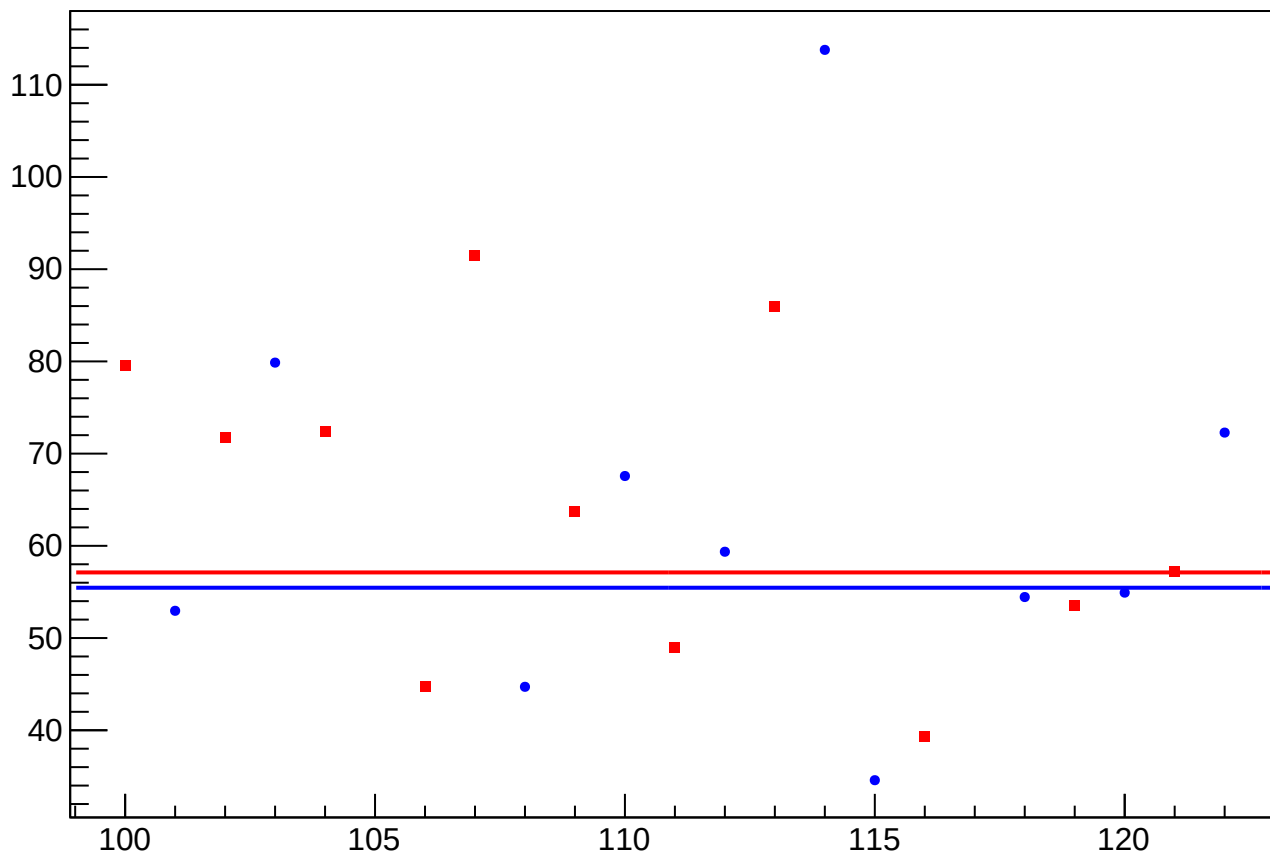
Right: -0.024+/-0.020 χ^2/NDF : 52.1/20

In: -0.011+/-0.029 χ^2/NDF :13.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.024+/-0.020 χ^2/NDF : 52.1/20

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.456+/-0.021 χ^2/NDF : 372374.0/9

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

Right Out: 57.115+/-0.020 χ^2/NDF : 439360.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

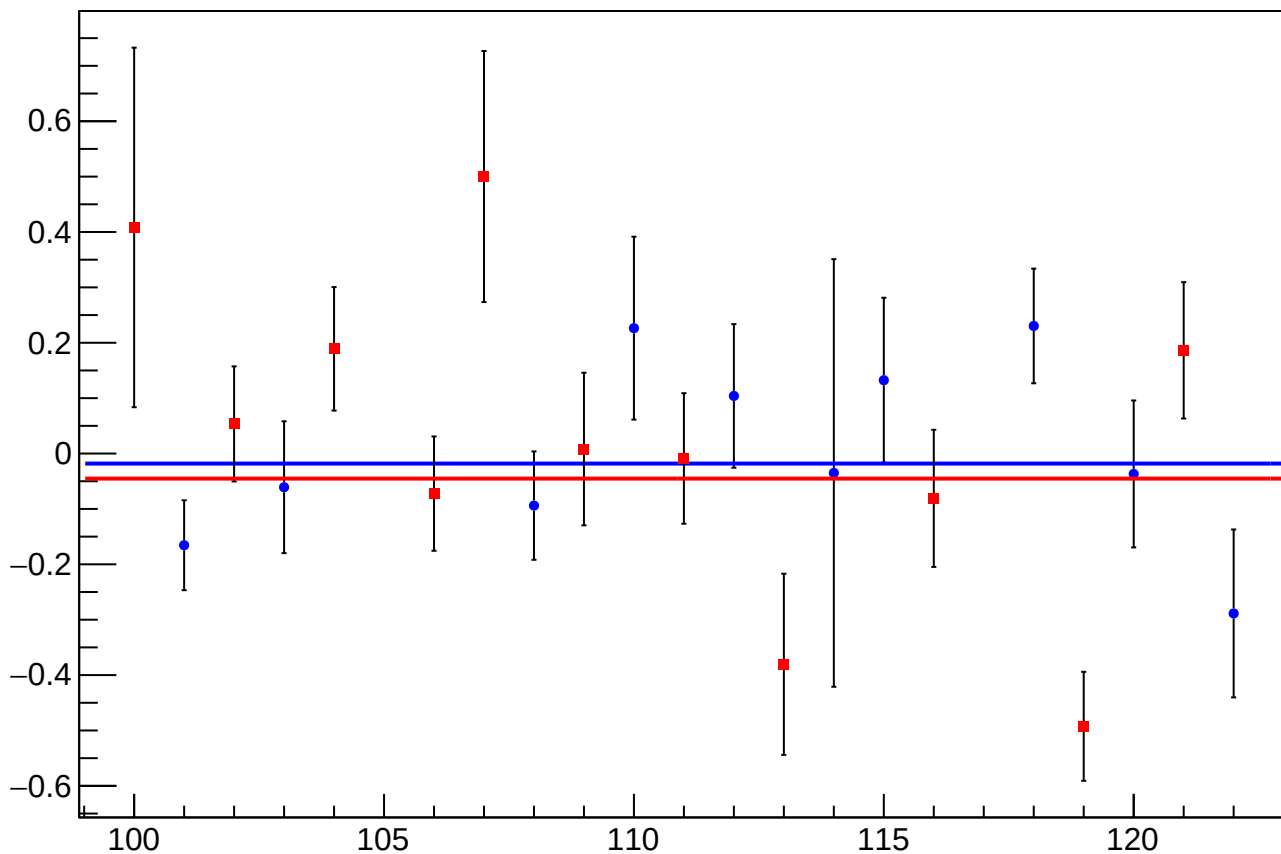
Right: 56.308+/-0.014 χ^2/NDF : 815053.8/20

In: 55.456+/-0.021 χ^2/NDF : 372374.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.308+/-0.014 χ^2/NDF : 815053.8/20

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.039 χ^2/NDF : 17.1/9

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

Right Out: -0.045+/-0.038 χ^2/NDF : 41.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

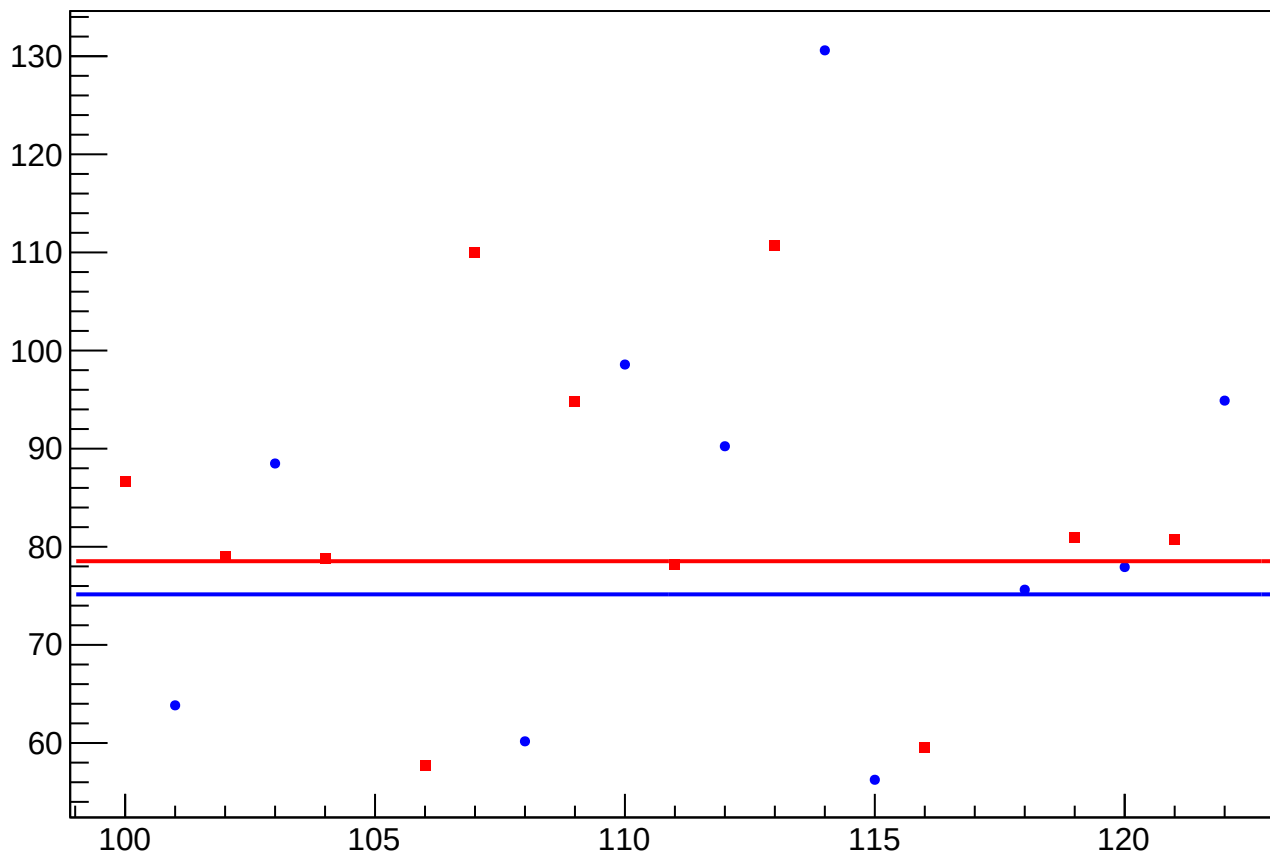
Right: -0.032+/-0.027 χ^2/NDF : 59.2/20

In: -0.018+/-0.039 χ^2/NDF : 17.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.027 χ^2/NDF : 59.2/20

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.150+/-0.027 χ^2/NDF : 286522.8/9

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

Right Out: 78.529+/-0.027 χ^2/NDF : 275460.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

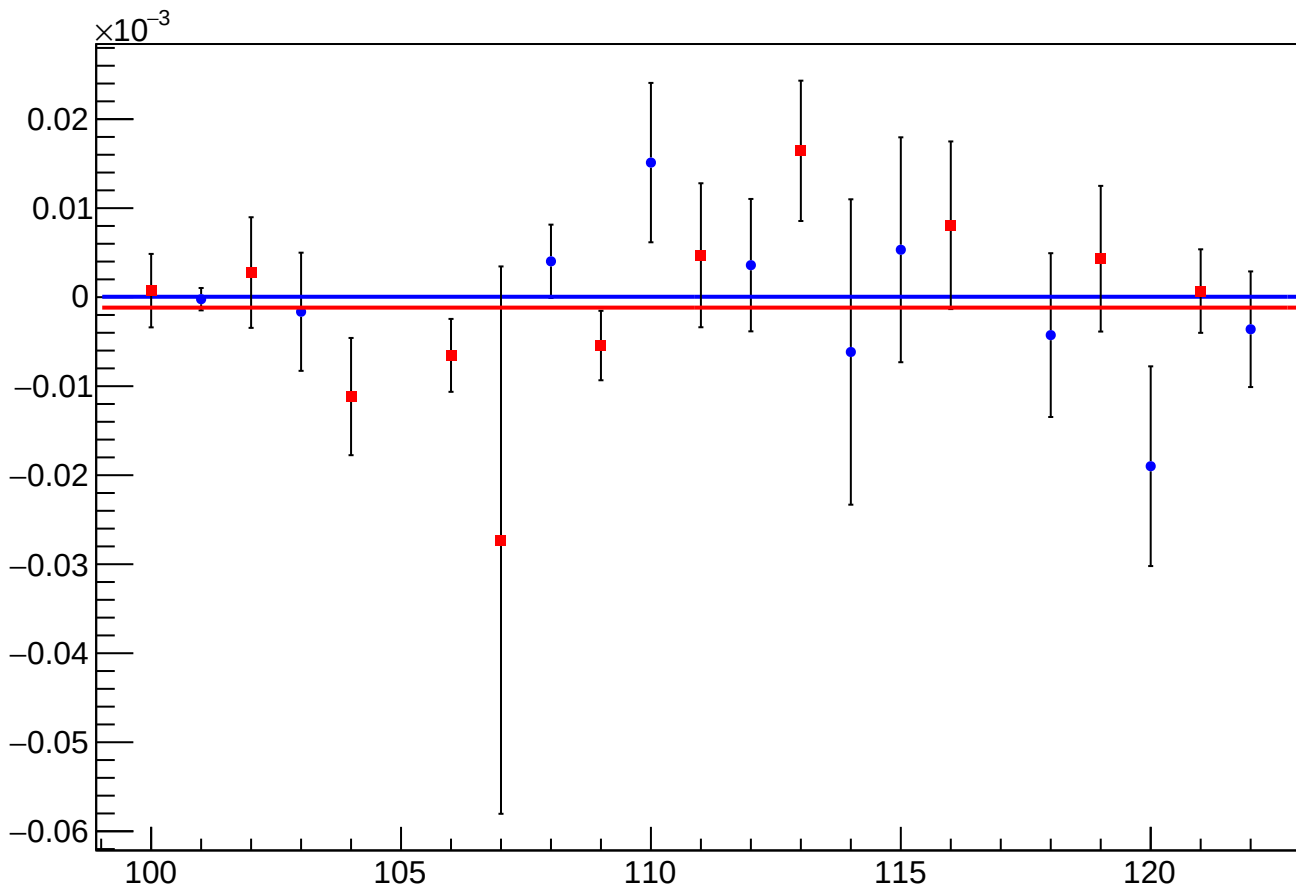
Right: 76.870+/-0.019 χ^2/NDF : 569753.7/20

In: 75.150+/-0.027 χ^2/NDF :286522.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 76.870+/-0.019 χ^2/NDF : 569753.7/20

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/9

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

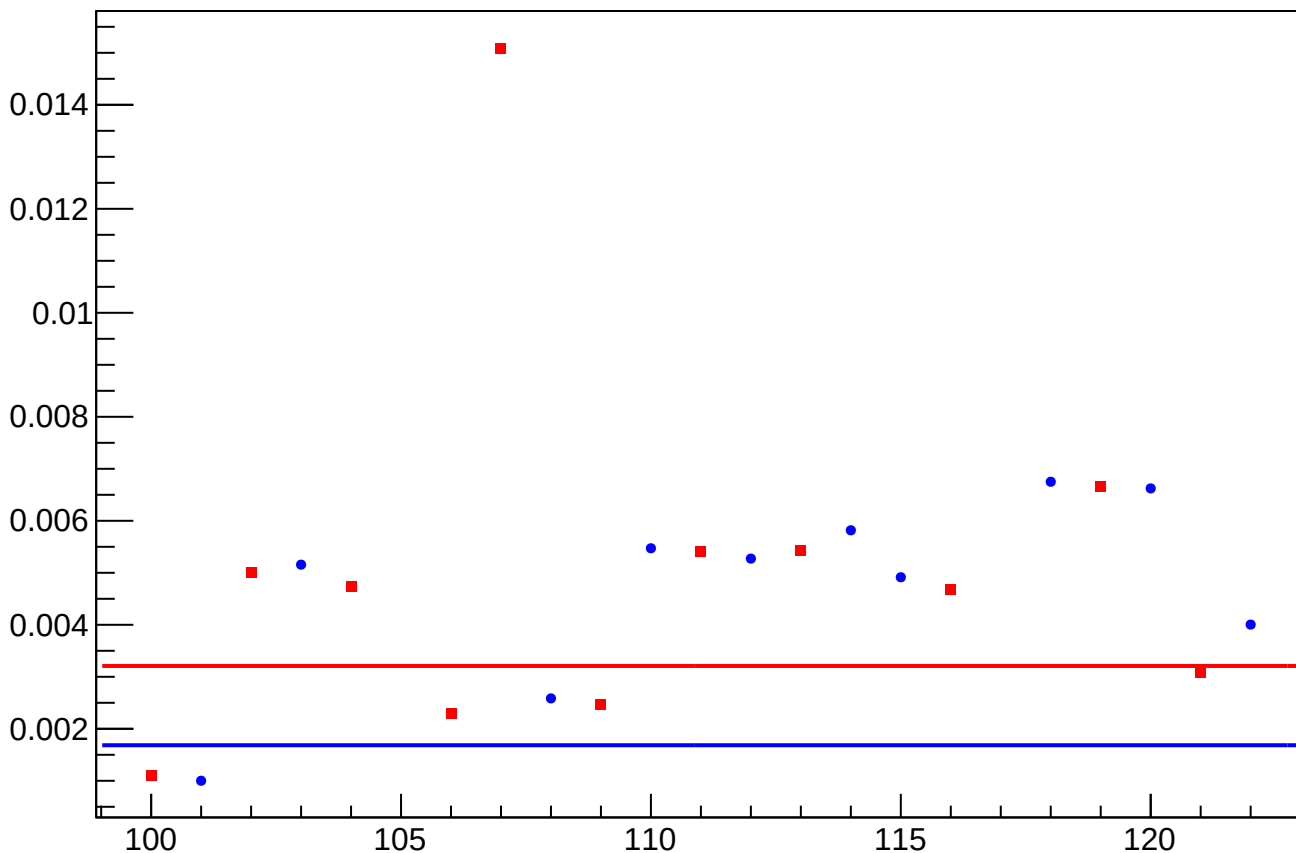
Right: -0.000+/-0.000 χ^2/NDF : 21.8/20

In: 0.000+/-0.000 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/20

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3553812.1/9

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1971314.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

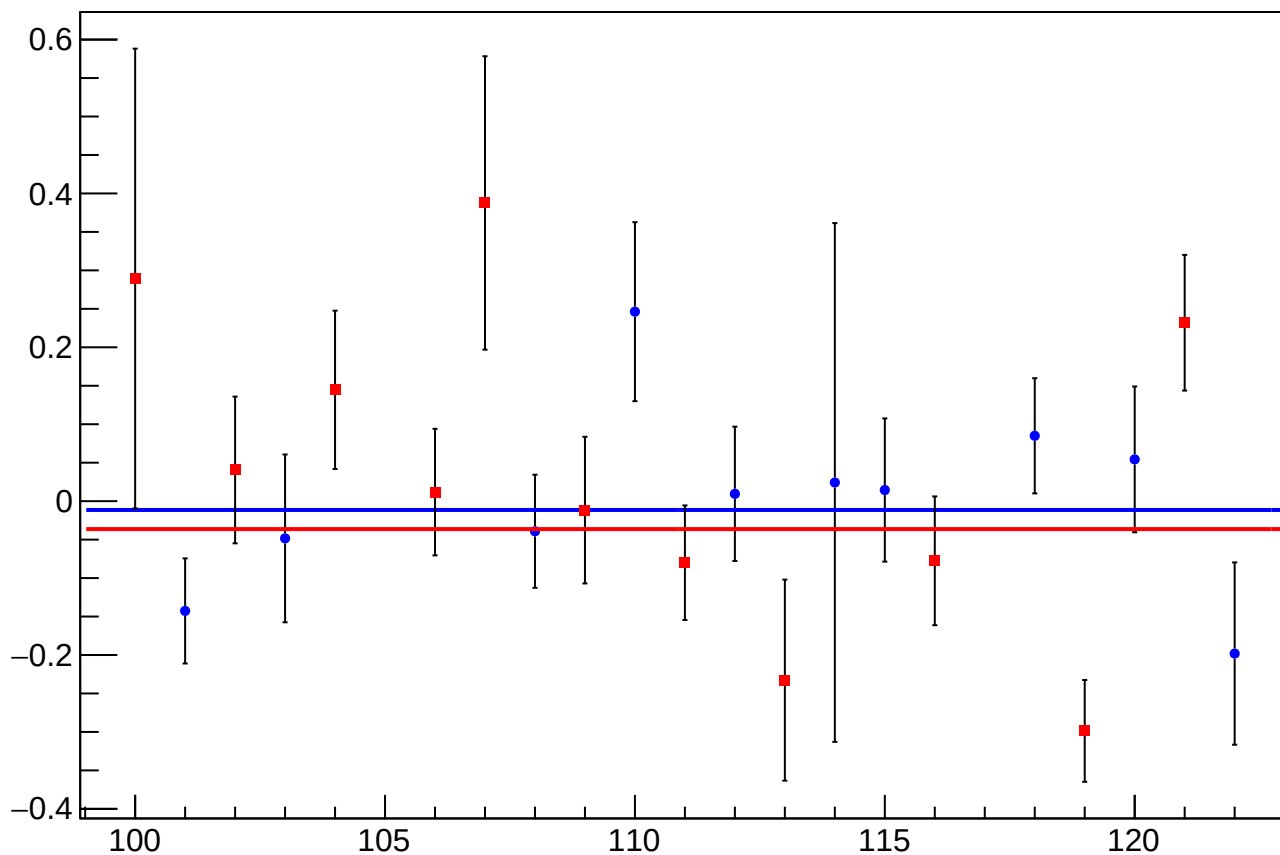
Right: 0.002+/-0.000 χ^2/NDF : 6626659.0/20

In: 0.002+/-0.000 χ^2/NDF :3553812.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6626659.0/20

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.029 χ^2/NDF : 13.6/9

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

Right Out: -0.036+/-0.028 χ^2/NDF : 38.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

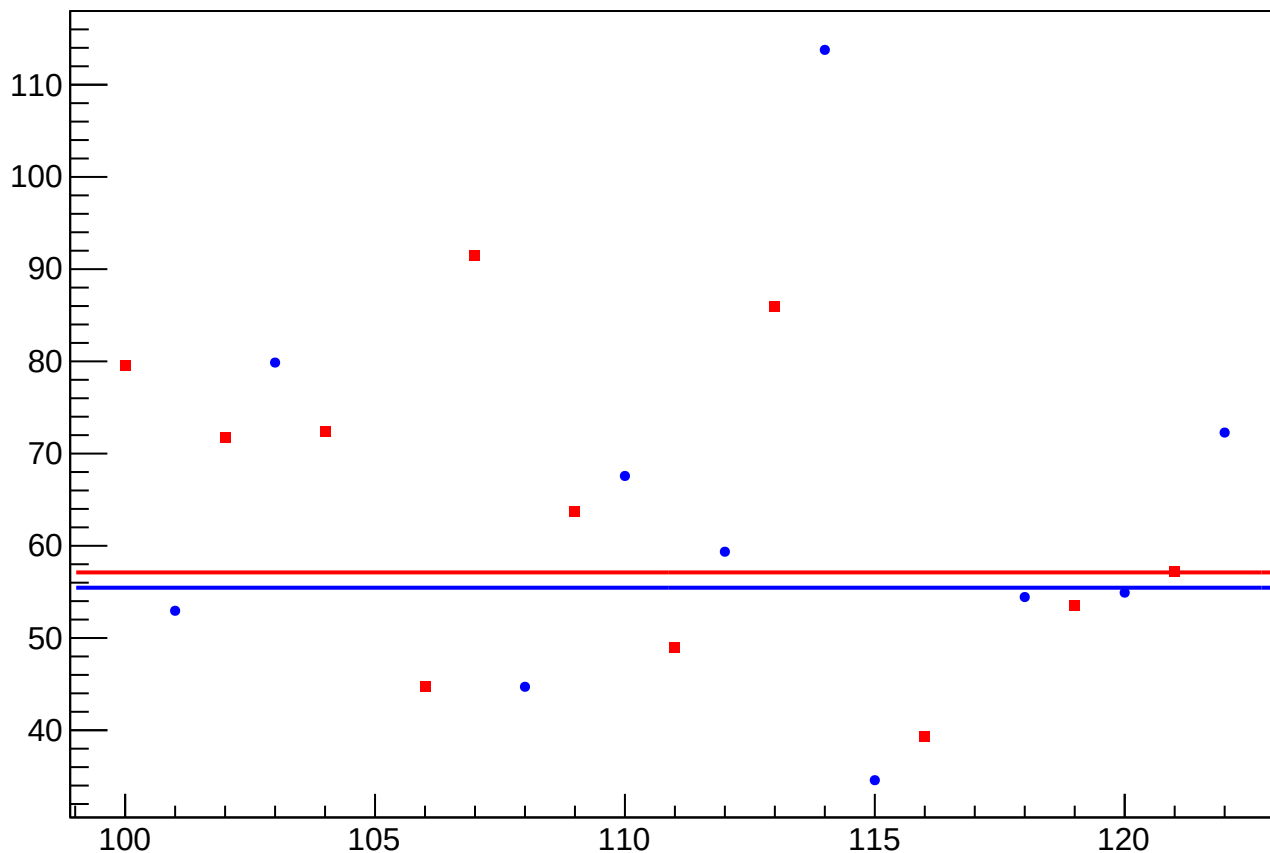
Right: -0.024+/-0.020 χ^2/NDF : 52.1/20

In: -0.011+/-0.029 χ^2/NDF :13.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.024+/-0.020 χ^2/NDF : 52.1/20

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.455+/-0.021 χ^2/NDF : 372402.6/9

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

Right Out: 57.114+/-0.020 χ^2/NDF : 439367.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

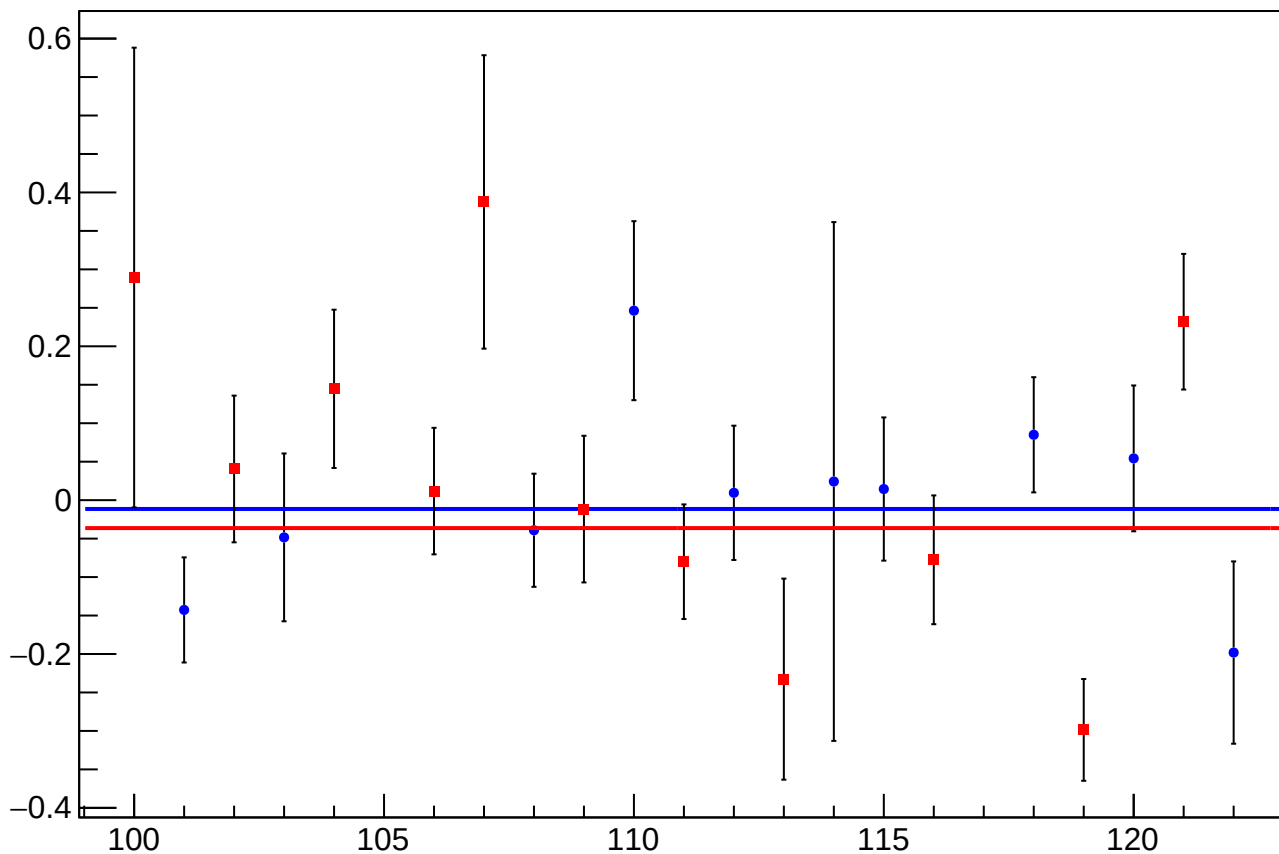
Right: 56.307+/-0.014 χ^2/NDF : 815088.9/20

In: 55.455+/-0.021 χ^2/NDF : 372402.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.307+/-0.014 χ^2/NDF : 815088.9/20

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.029 χ^2/NDF : 13.6/9

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

Right Out: -0.036+/-0.028 χ^2/NDF : 38.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

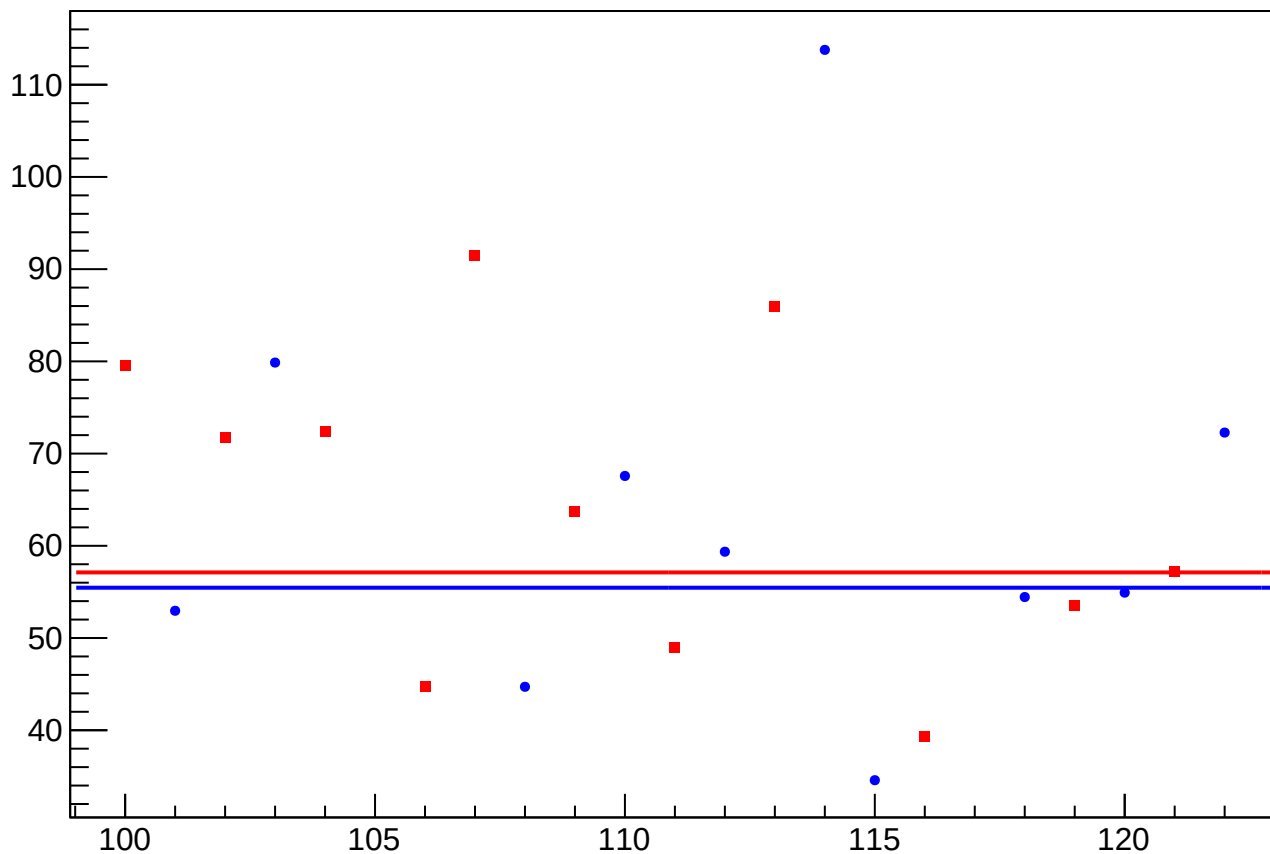
Right: -0.024+/-0.020 χ^2/NDF : 52.1/20

In: -0.011+/-0.029 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.020 χ^2/NDF : 52.1/20

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.455+/-0.021 χ^2/NDF : 372402.6/9

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

Right Out: 57.114+/-0.020 χ^2/NDF : 439367.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

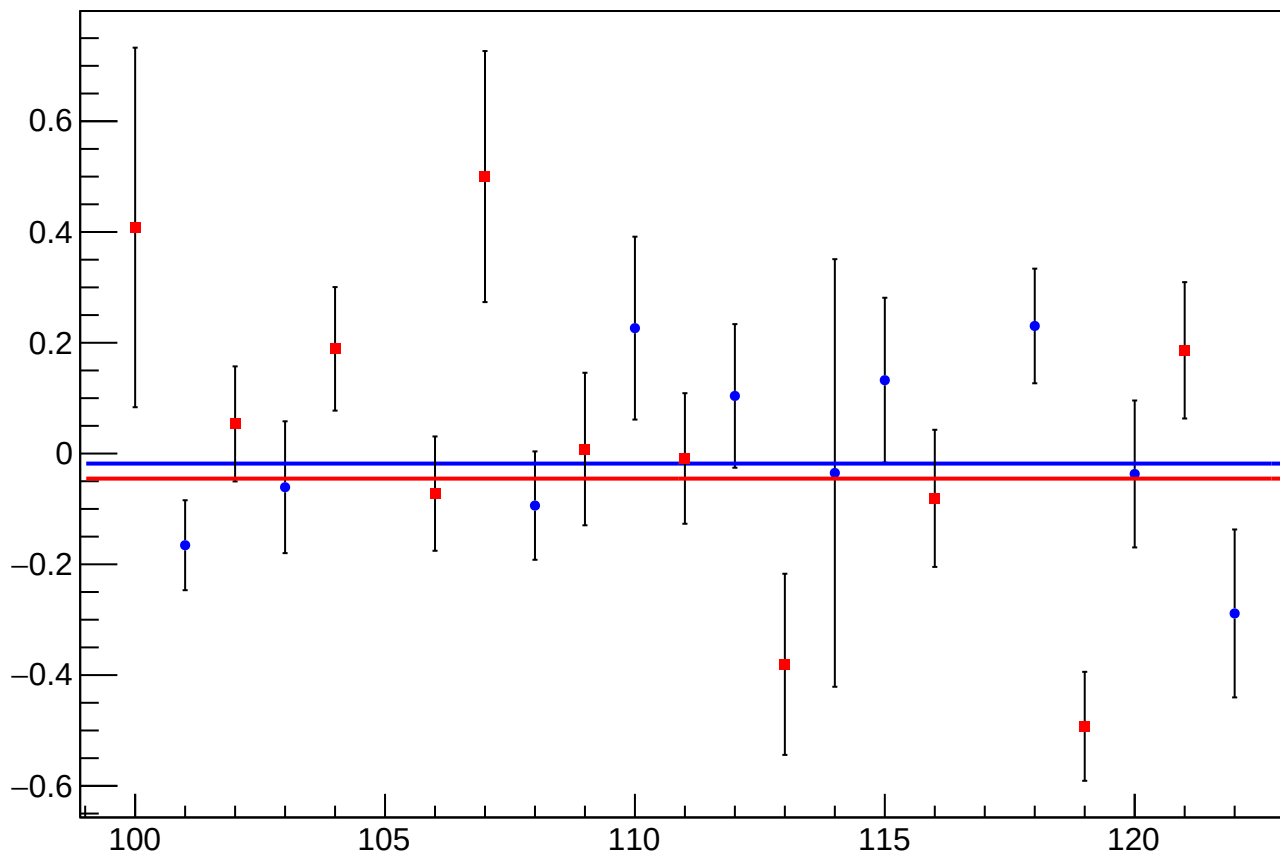
Right: 56.307+/-0.014 χ^2/NDF : 815088.9/20

In: 55.455+/-0.021 χ^2/NDF :372402.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.307+/-0.014 χ^2/NDF : 815088.9/20

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.039 χ^2/NDF : 17.1/9

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

Right Out: -0.045+/-0.038 χ^2/NDF : 41.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

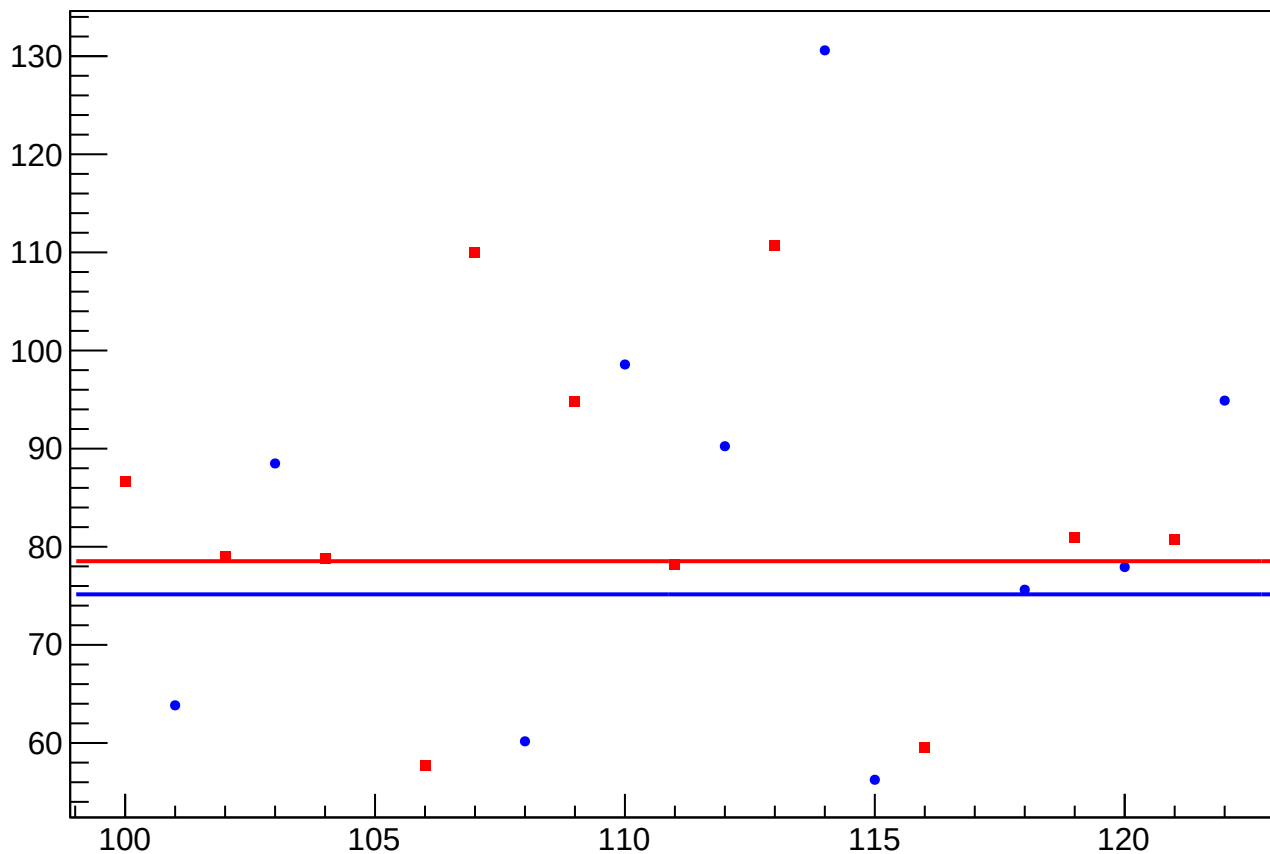
Right: -0.032+/-0.027 χ^2/NDF : 59.2/20

In: -0.018+/-0.039 χ^2/NDF : 17.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.027 χ^2/NDF : 59.2/20

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.149+/-0.027 χ^2/NDF : 286523.8/9

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

Right Out: 78.529+/-0.027 χ^2/NDF : 275452.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

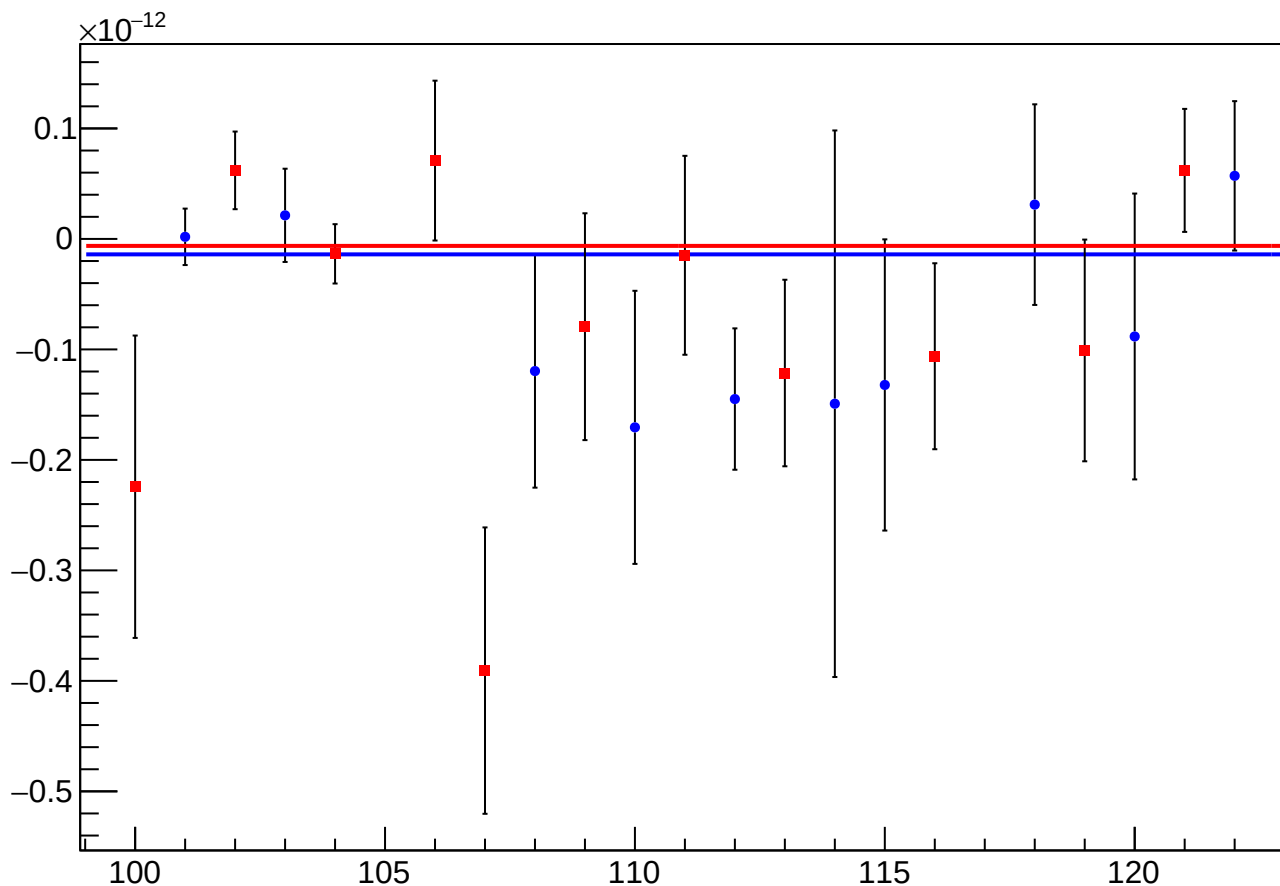
Right: 76.869+/-0.019 χ^2/NDF : 569746.1/20

In: 75.149+/-0.027 χ^2/NDF : 286523.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.869+/-0.019 χ^2/NDF : 569746.1/20

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/9

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

Right Out: -0.000+/-0.000 χ^2/NDF : 22.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

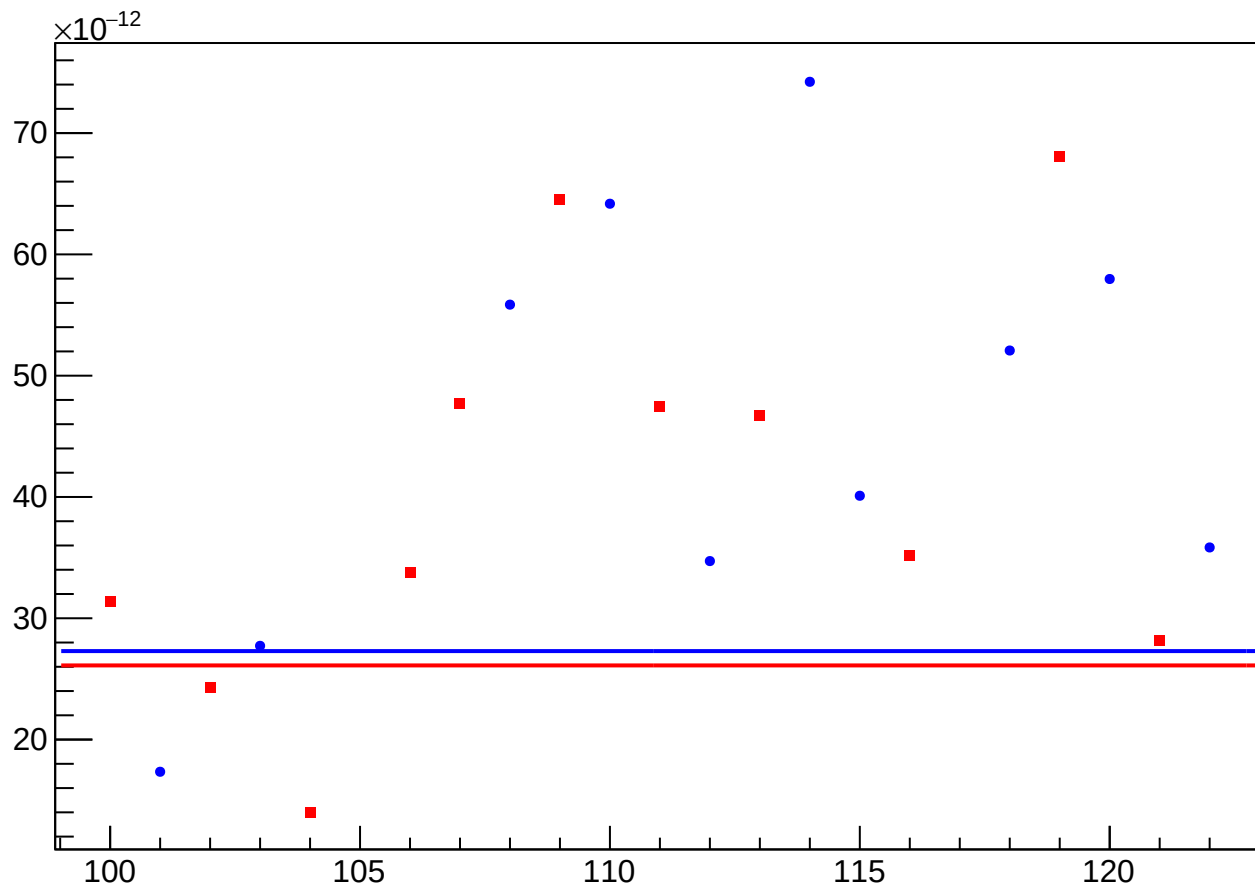
Right: -0.000+/-0.000 χ^2/NDF : 33.3/20

In: -0.000+/-0.000 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/20

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1039473.7/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1382841.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

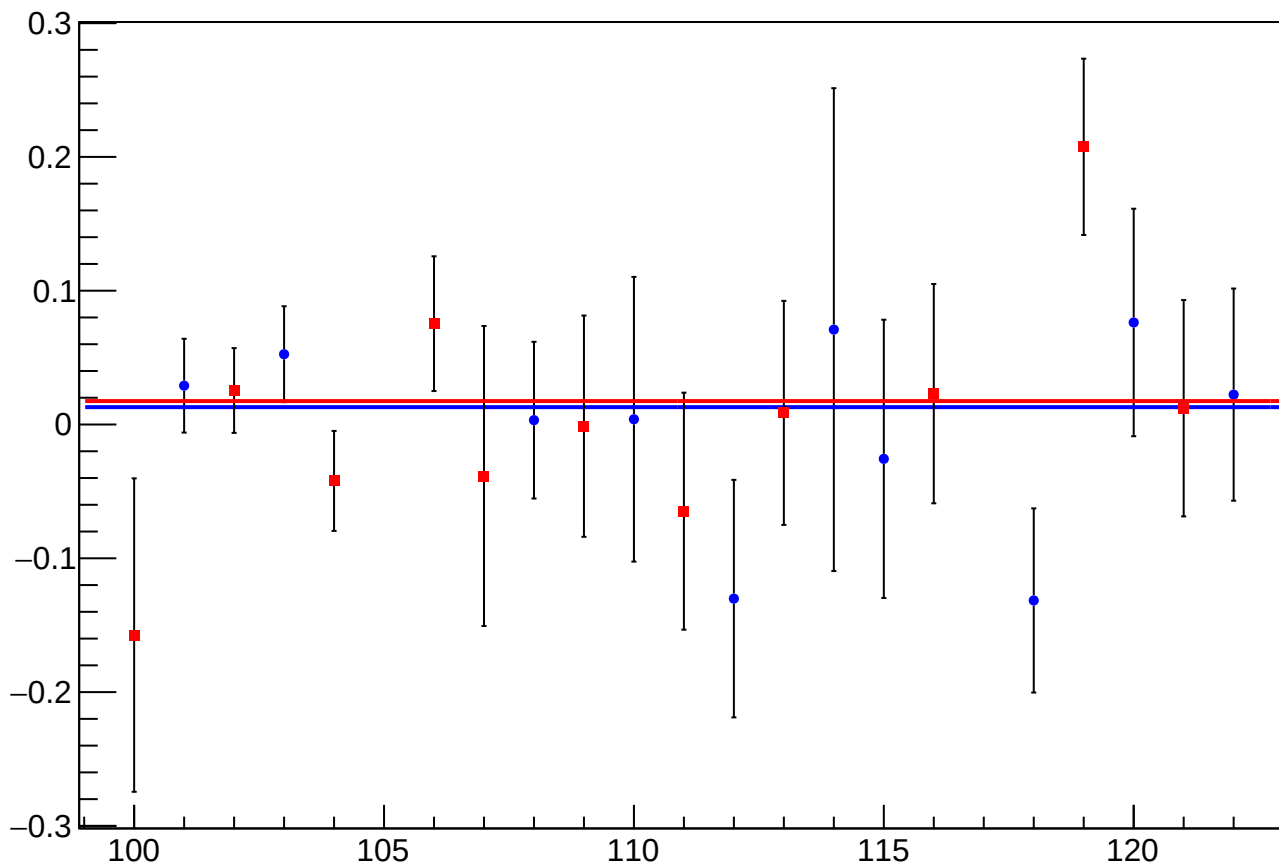
Right: 0.000+/-0.000 χ^2/NDF : 2426755.0/20

In: 0.000+/-0.000 χ^2/NDF : 1039473.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2426755.0/20

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.019 χ^2/NDF : 9.3/9

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

Right Out: 0.018+/-0.018 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

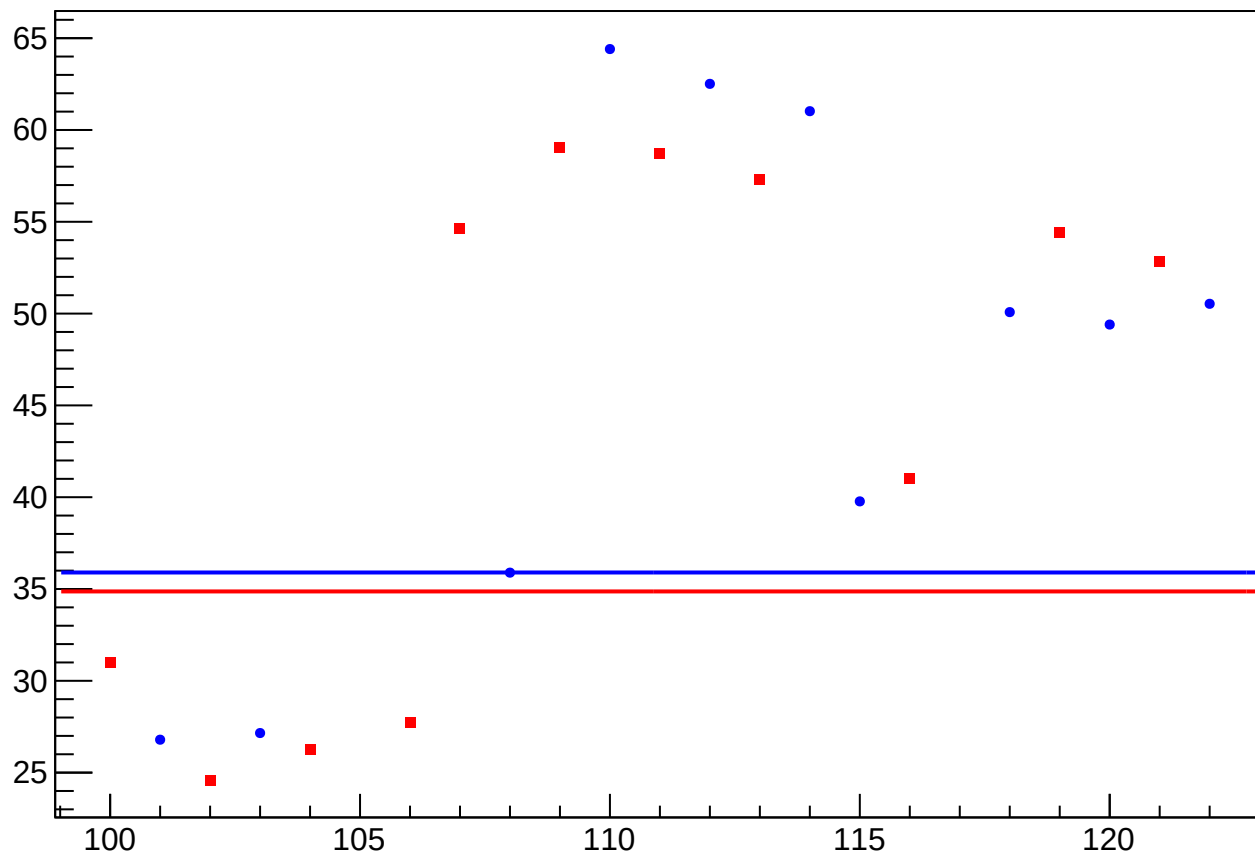
Right: 0.015+/-0.013 χ^2/NDF : 25.0/20

In: 0.013+/-0.019 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.013 χ^2/NDF : 25.0/20

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.900+/-0.014 χ^2/NDF : 822413.5/9

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

Right Out: 34.868+/-0.012 χ^2/NDF : 1168402.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

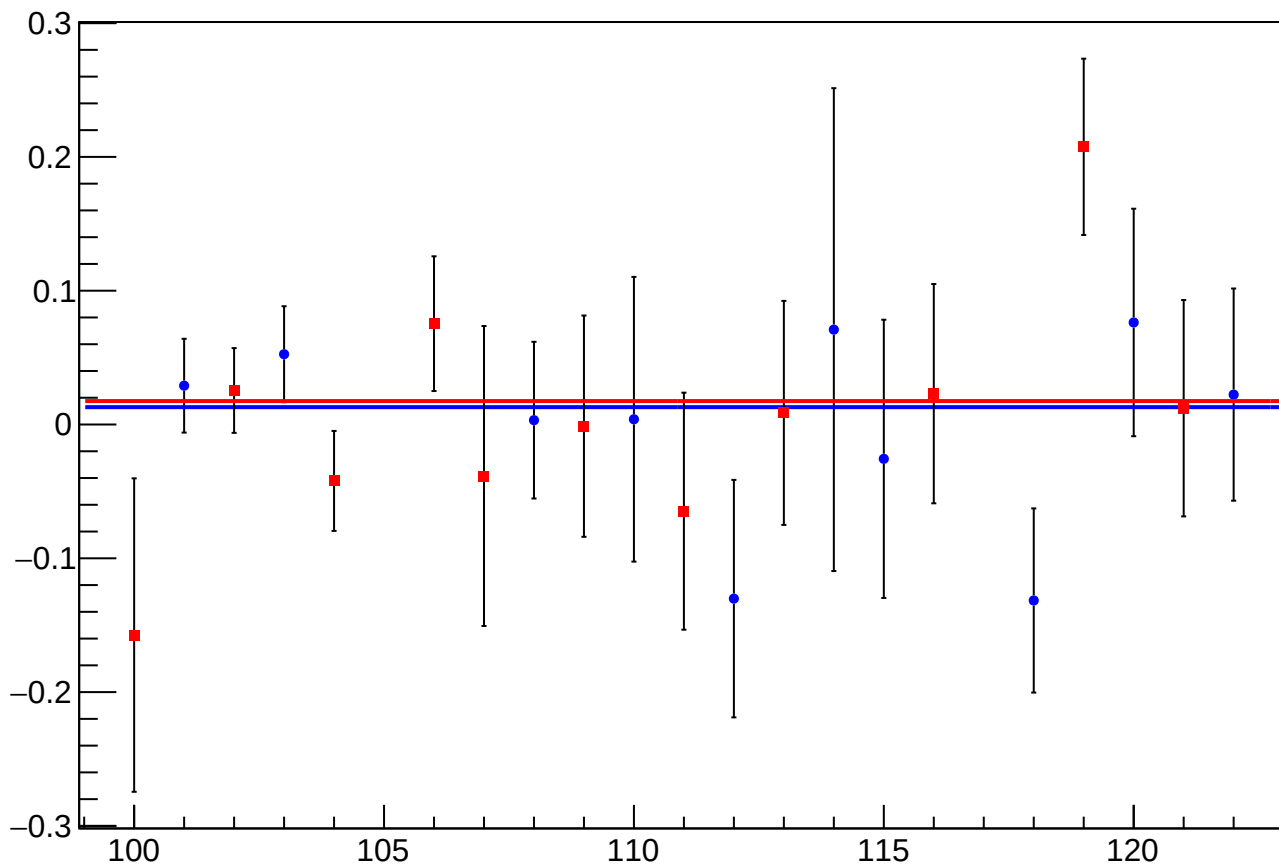
Right: 35.342+/-0.009 χ^2/NDF : 1993958.6/20

In: 35.900+/-0.014 χ^2/NDF : 822413.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.342+/-0.009 χ^2/NDF : 1993958.6/20

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.019 χ^2/NDF : 9.3/9

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

Right Out: 0.018+/-0.018 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

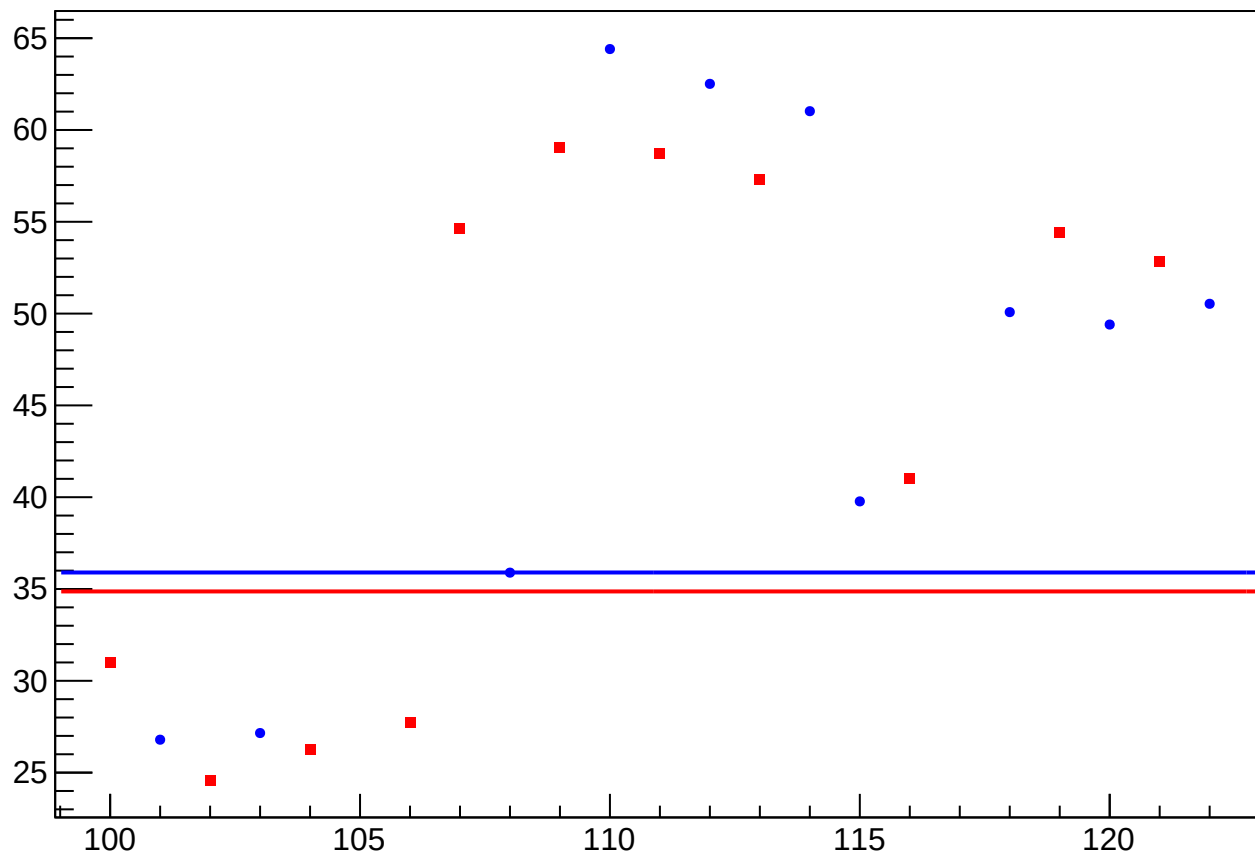
Right: 0.015+/-0.013 χ^2/NDF : 25.0/20

In: 0.013+/-0.019 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.013 χ^2/NDF : 25.0/20

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.900+/-0.014 χ^2/NDF : 822413.5/9

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

Right Out: 34.868+/-0.012 χ^2/NDF : 1168402.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

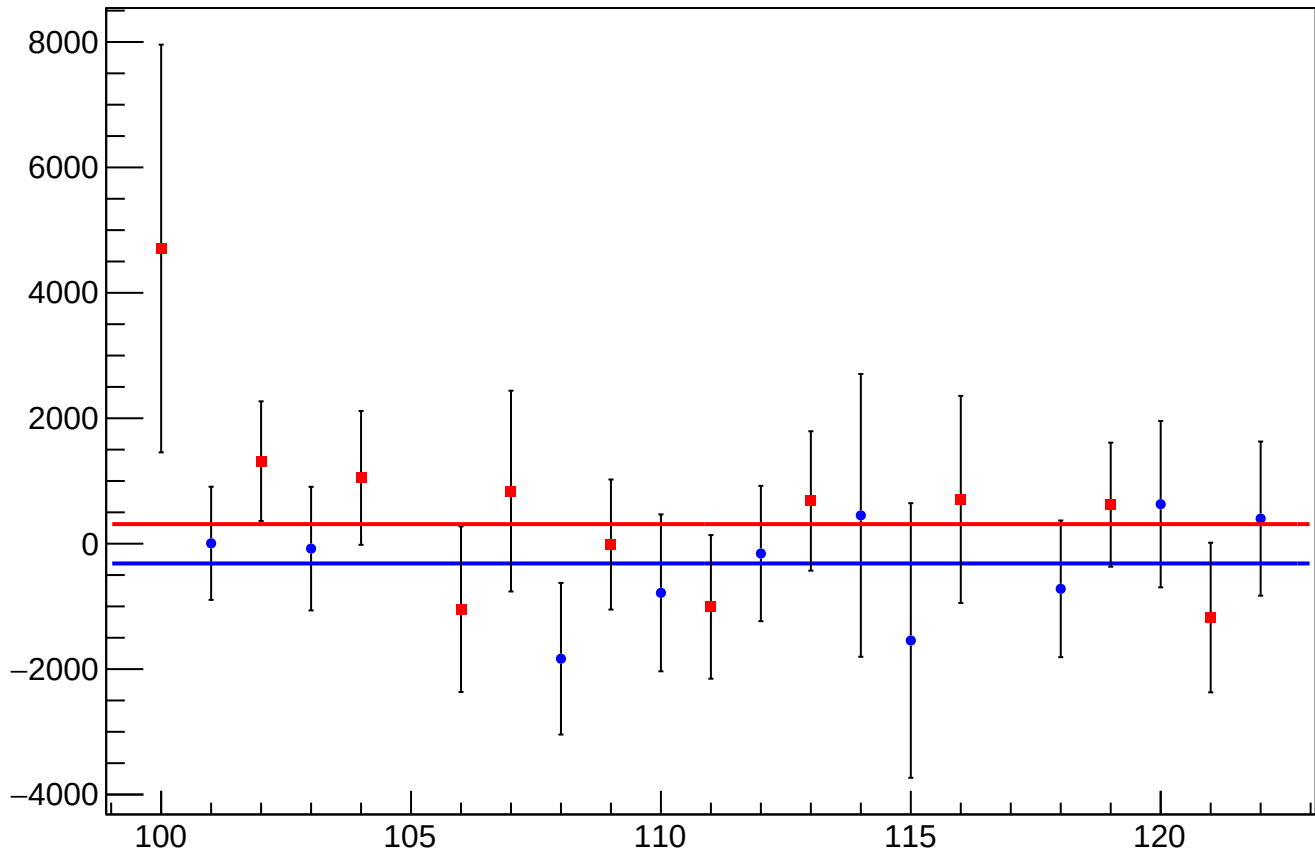
Right: 35.342+/-0.009 χ^2/NDF : 1993958.6/20

In: 35.900+/-0.014 χ^2/NDF : 822413.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.342+/-0.009 χ^2/NDF : 1993958.6/20

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -315.150+/-380.171 χ^2/NDF : 3.3/9

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

Right Out: 312.004+/-362.035 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

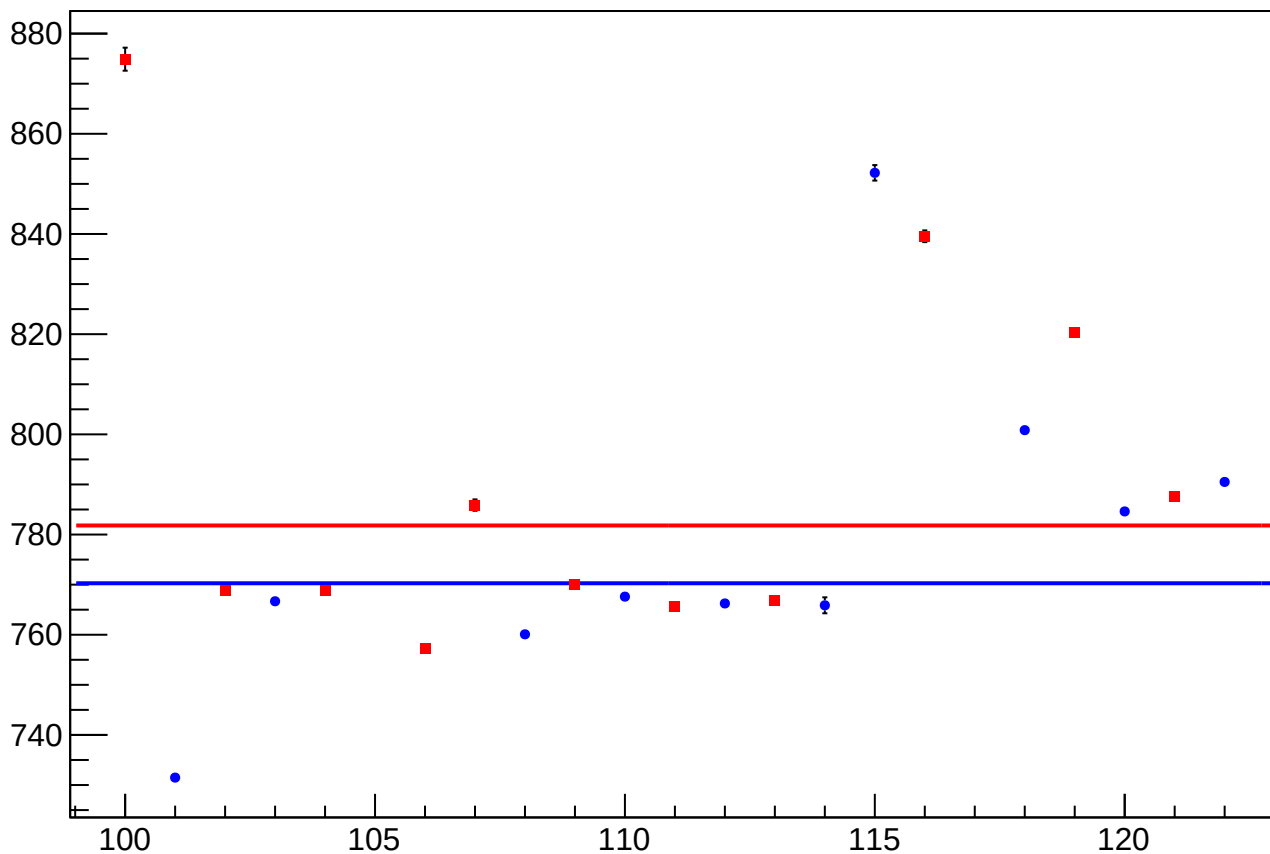
Right: 13.742+/-262.174 χ^2/NDF : 12.6/20

In: -315.150+/-380.171 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.742+/-262.174 χ^2/NDF : 12.6/20

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 770.276+/-0.269 χ^2/NDF : 9061.8/9

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

Right Out: 781.811+/-0.256 χ^2/NDF : 9544.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

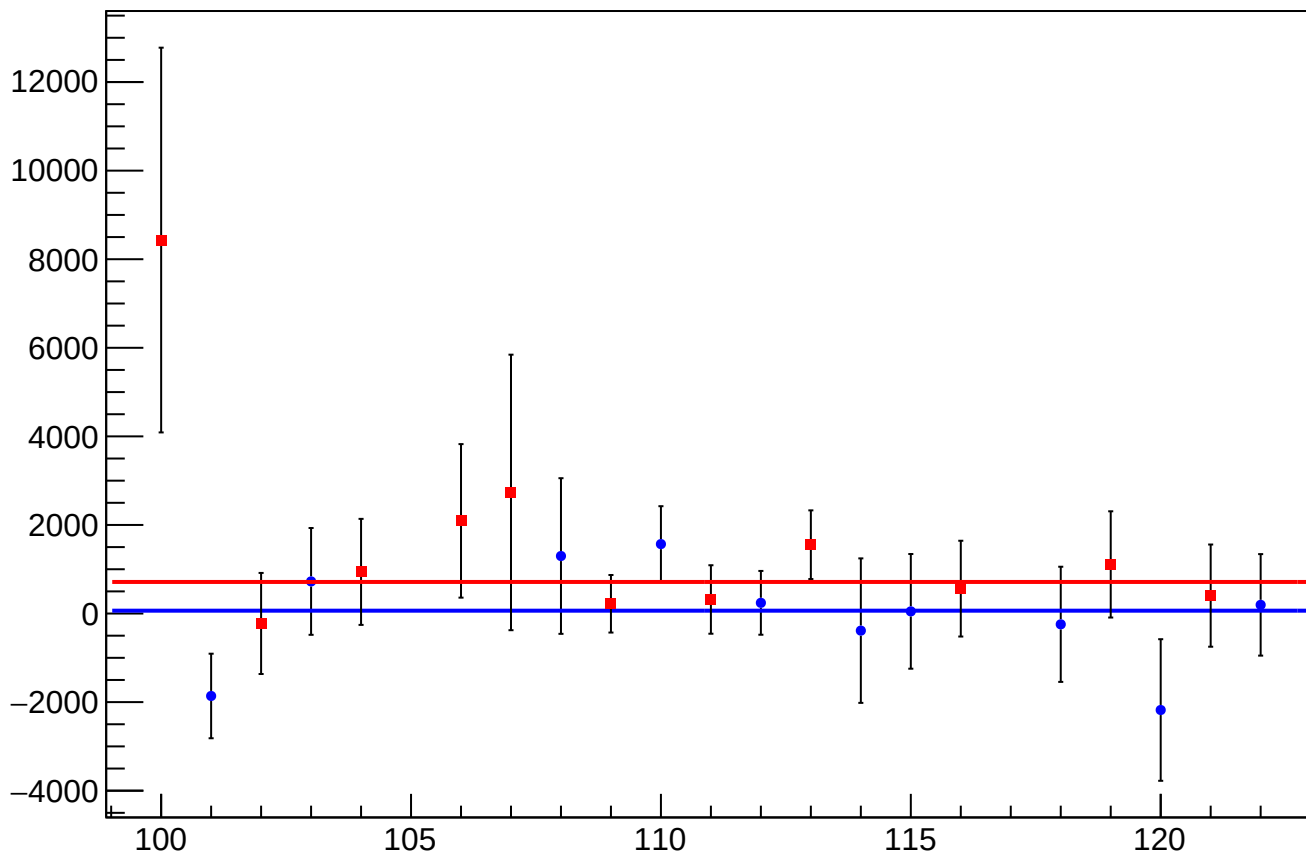
Right: 776.325+/-0.185 χ^2/NDF : 19572.1/20

In: 770.276+/-0.269 χ^2/NDF : 9061.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.325+/-0.185 χ^2/NDF : 19572.1/20

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 64.412+/-350.913 χ^2/NDF : 10.1/9

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

Right Out: 713.029+/-316.819 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

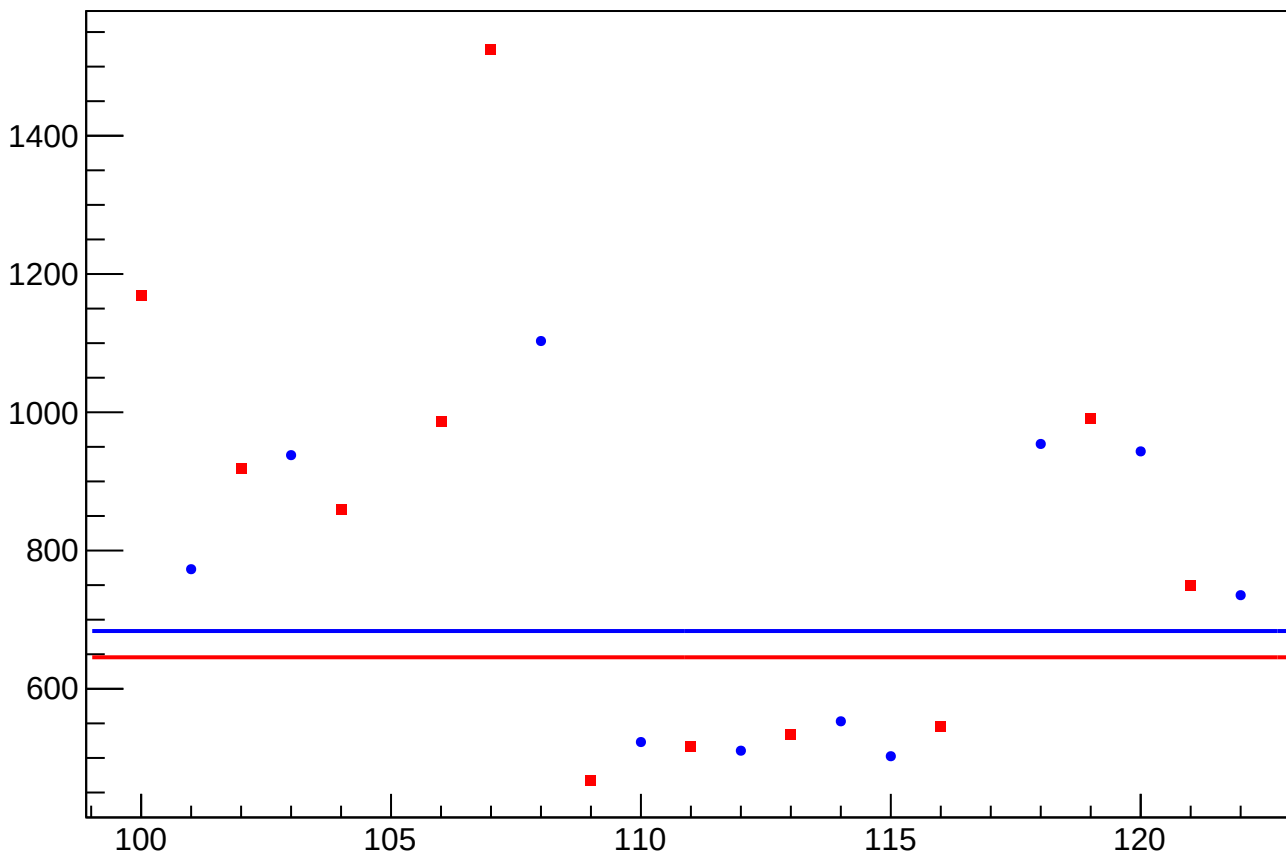
Right: 421.752+/-235.157 χ^2/NDF : 19.2/20

In: 64.412+/-350.913 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.752+/-235.157 χ^2/NDF : 19.2/20

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 683.588+/-0.248 χ^2/NDF : 602129.0/9

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

Right Out: 645.594+/-0.224 χ^2/NDF : 892824.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

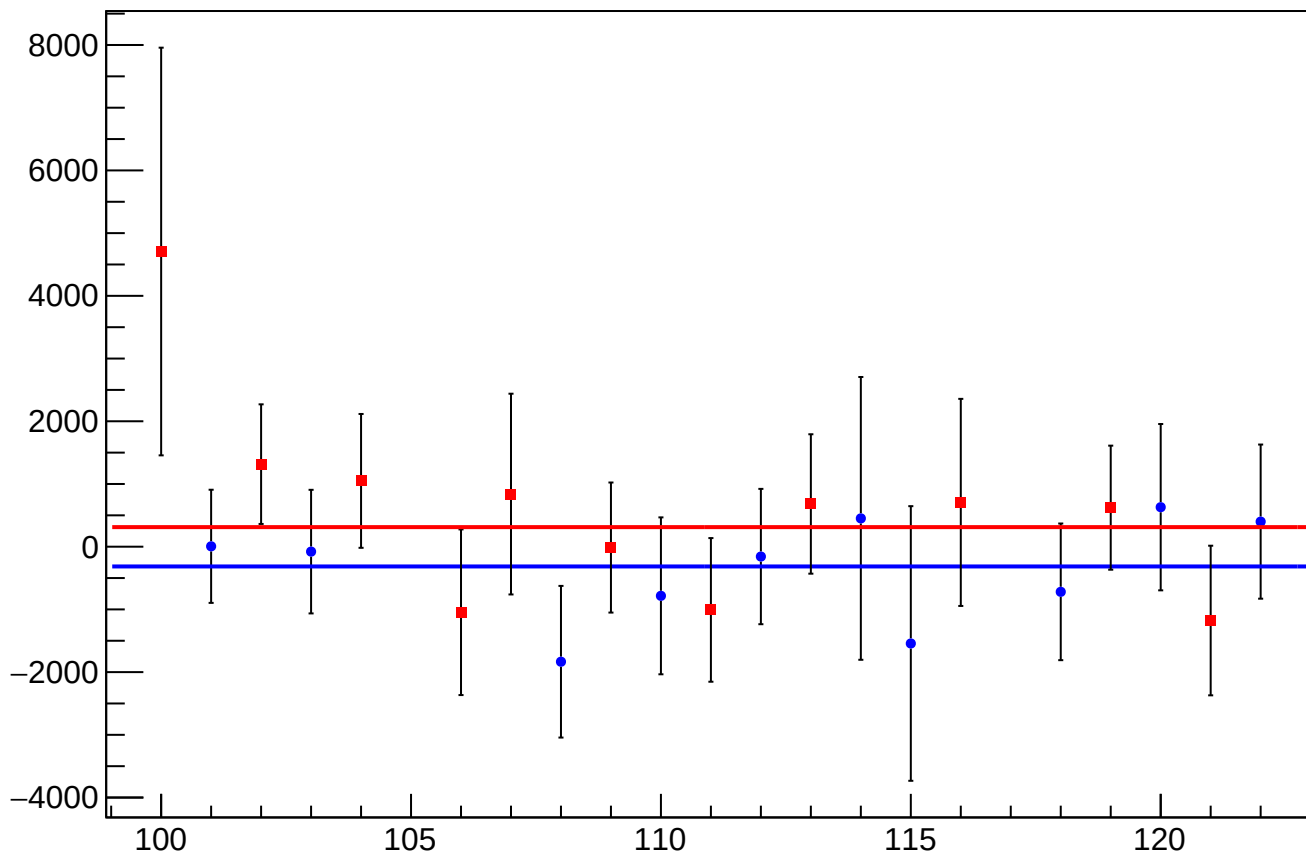
Right: 662.656+/-0.166 χ^2/NDF : 1507869.7/20

In: 683.588+/-0.248 χ^2/NDF : 602129.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.656+/-0.166 χ^2/NDF : 1507869.7/20

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -315.150+/-380.171 χ^2/NDF : 3.3/9

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

Right Out: 312.004+/-362.035 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

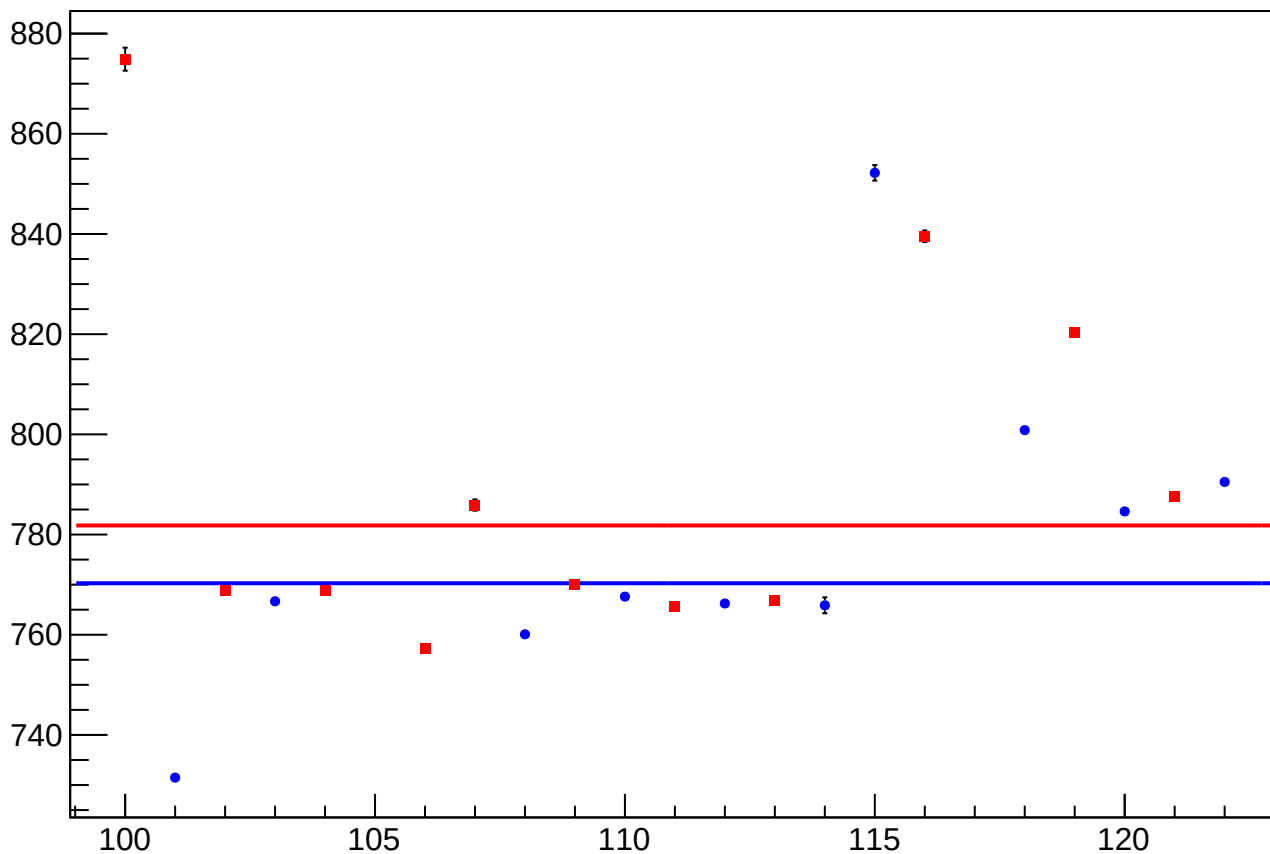
Right: 13.742+/-262.174 χ^2/NDF : 12.6/20

In: -315.150+/-380.171 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.742+/-262.174 χ^2/NDF : 12.6/20

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 770.276+/-0.269 χ^2/NDF : 9061.8/9

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

Right Out: 781.811+/-0.256 χ^2/NDF : 9544.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

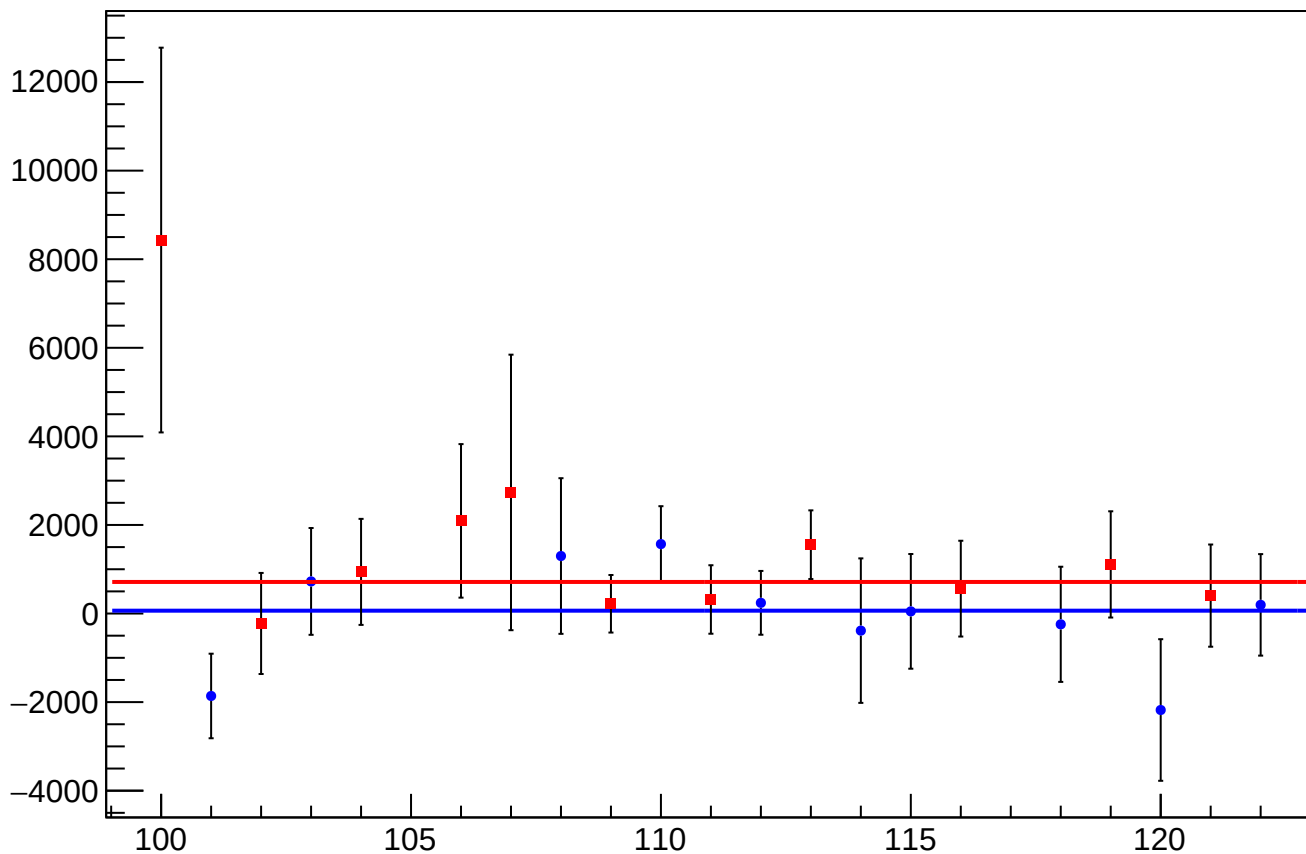
Right: 776.325+/-0.185 χ^2/NDF : 19572.1/20

In: 770.276+/-0.269 χ^2/NDF : 9061.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.325+/-0.185 χ^2/NDF : 19572.1/20

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 64.412+/-350.913 χ^2/NDF : 10.1/9

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

Right Out: 713.029+/-316.819 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

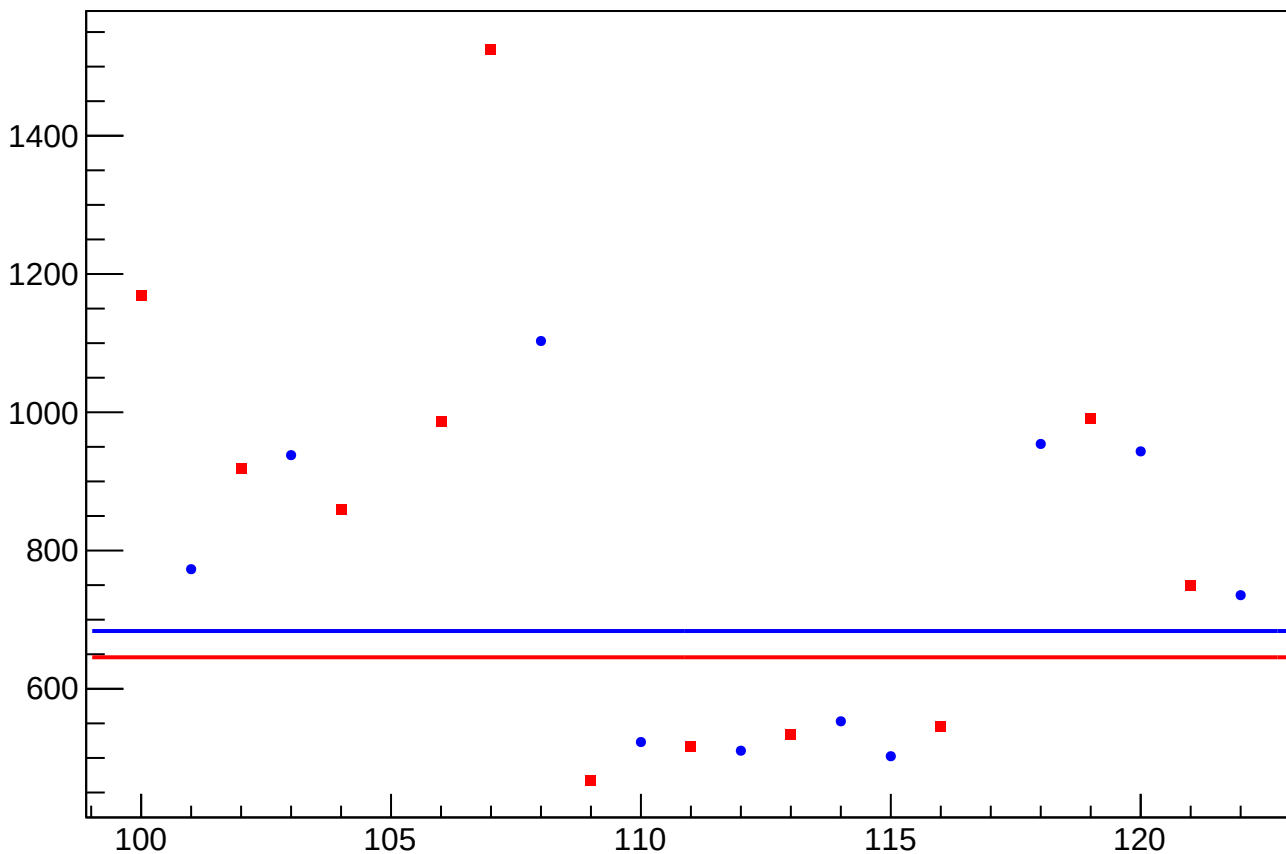
Right: 421.752+/-235.157 χ^2/NDF : 19.2/20

In: 64.412+/-350.913 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.752+/-235.157 χ^2/NDF : 19.2/20

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 683.588+/-0.248 χ^2/NDF : 602129.0/9

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

Right Out: 645.594+/-0.224 χ^2/NDF : 892824.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

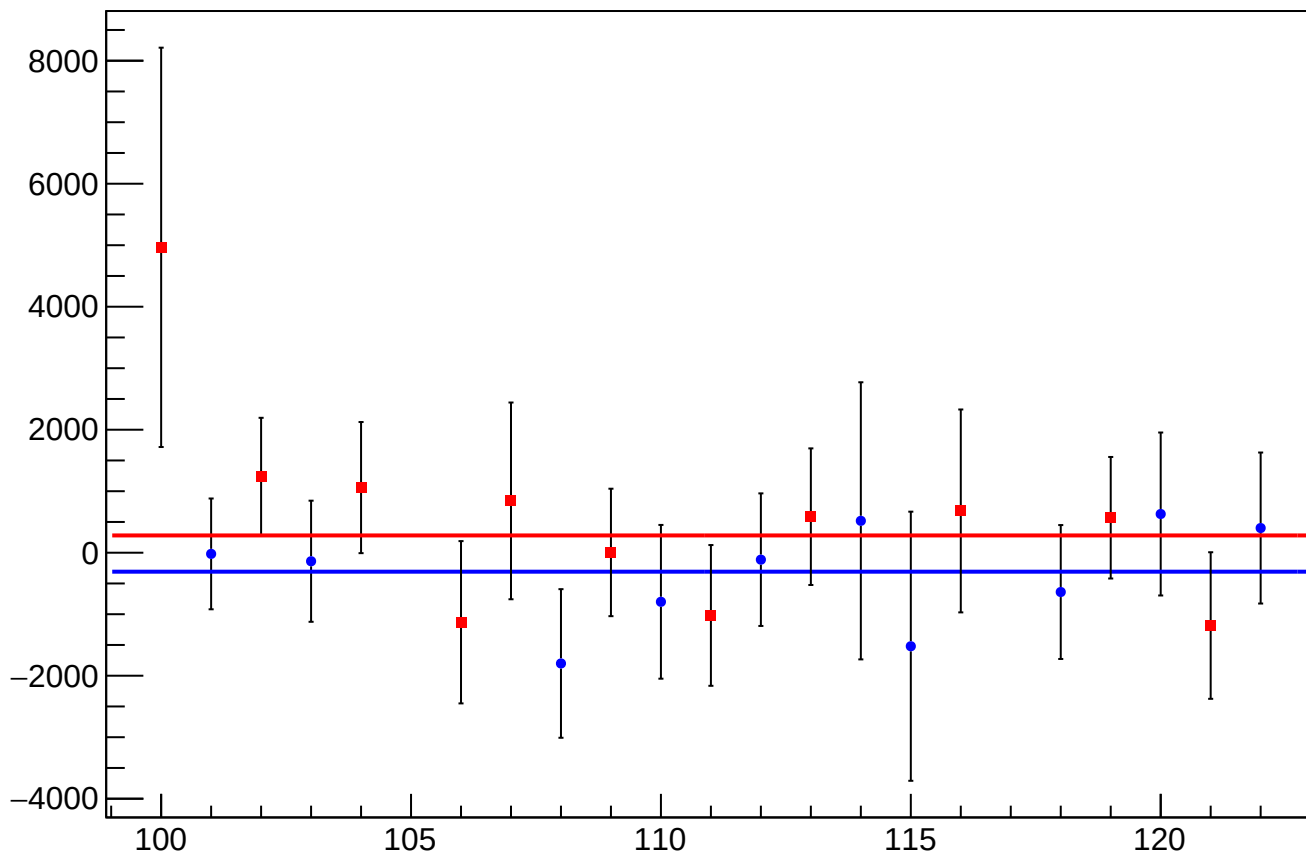
Right: 662.656+/-0.166 χ^2/NDF : 1507869.7/20

In: 683.588+/-0.248 χ^2/NDF : 602129.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.656+/-0.166 χ^2/NDF : 1507869.7/20

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -308.481+/-379.816 χ^2/NDF : 3.2/9

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

Right Out: 280.966+/-361.735 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

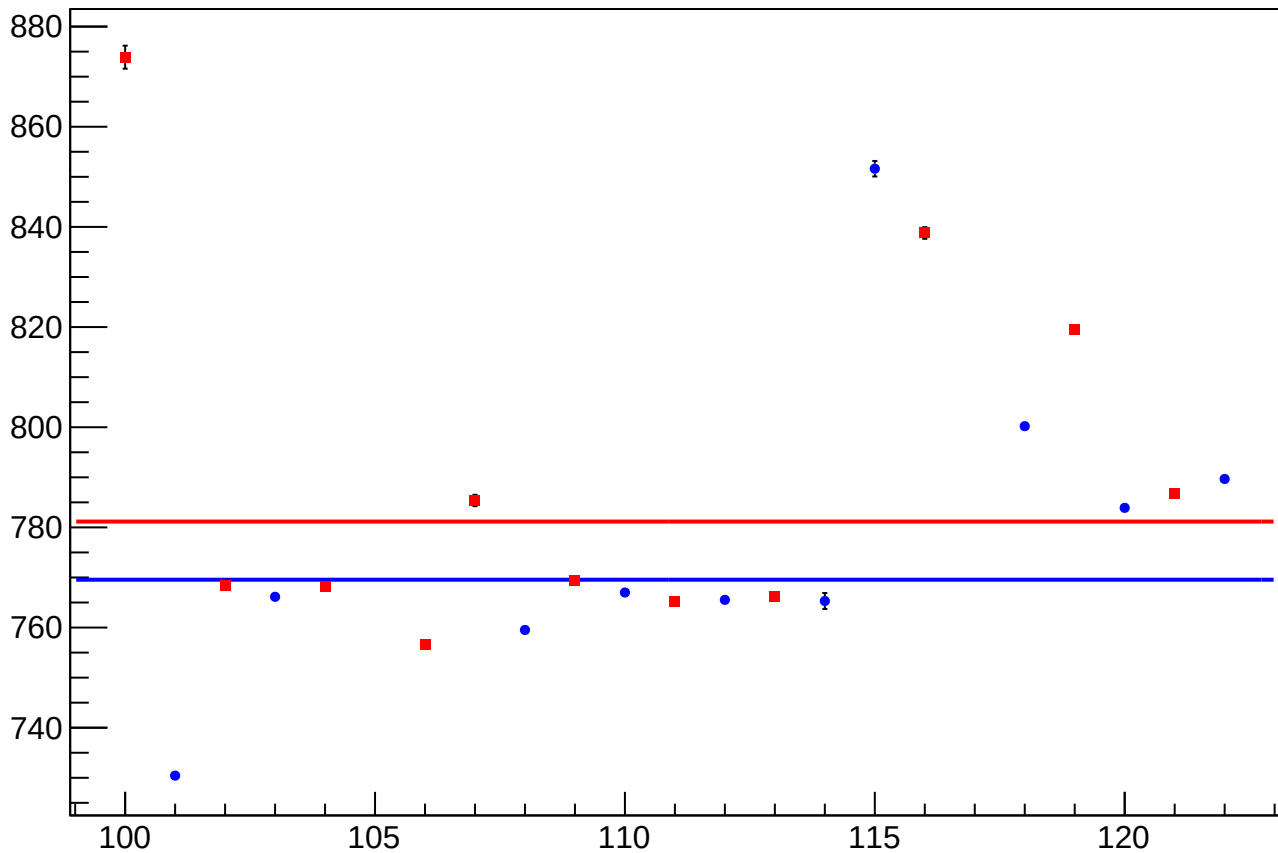
Right: 0.606+/-261.944 χ^2/NDF : 12.5/20

In: -308.481+/-379.816 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.606+/-261.944 χ^2/NDF : 12.5/20

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.554+/-0.269 χ^2/NDF : 9146.7/9

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

Right Out: 781.163+/-0.256 χ^2/NDF : 9520.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

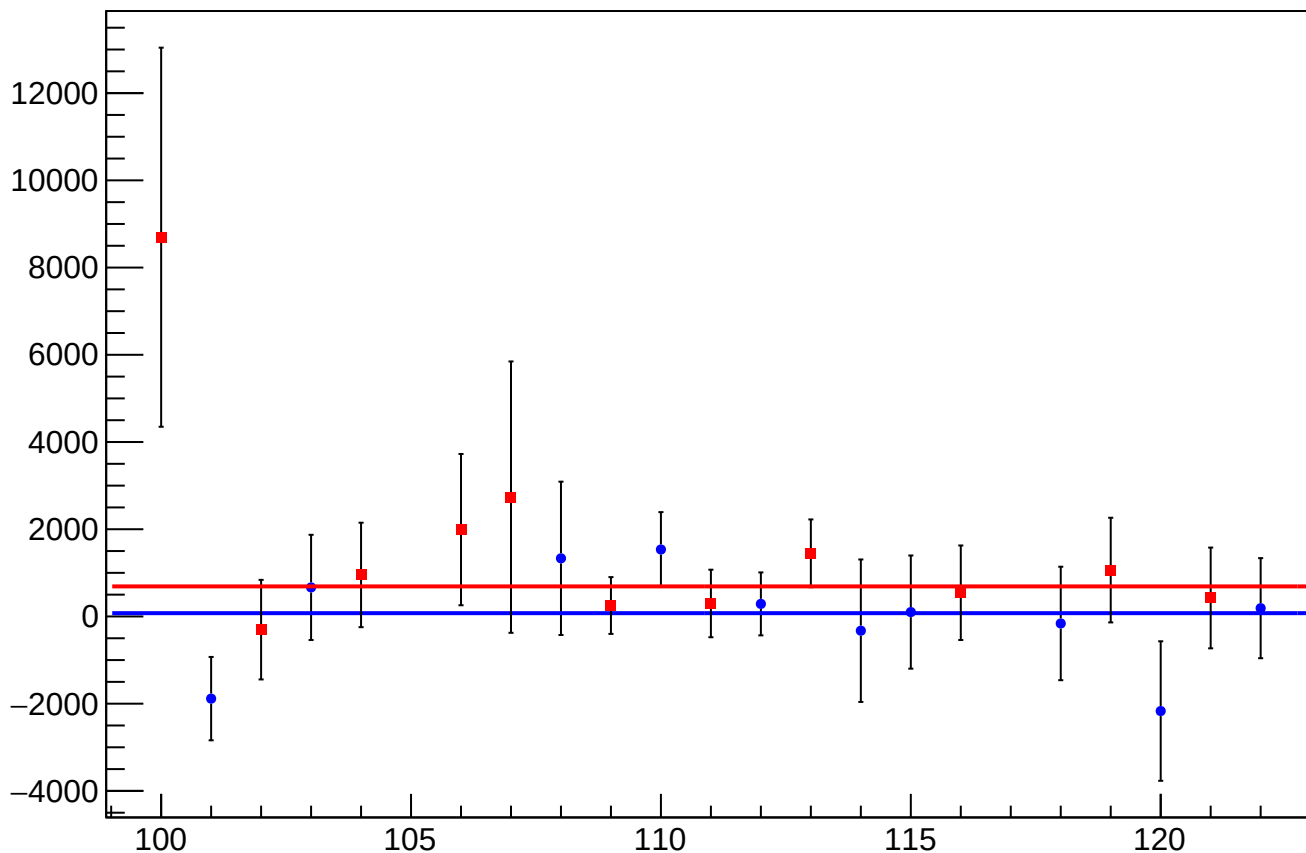
Right: 775.641+/-0.185 χ^2/NDF : 19647.0/20

In: 769.554+/-0.269 χ^2/NDF : 9146.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.641+/-0.185 χ^2/NDF : 19647.0/20

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 75.417+/-351.415 χ^2/NDF : 10.0/9

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

Right Out: 689.159+/-317.319 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

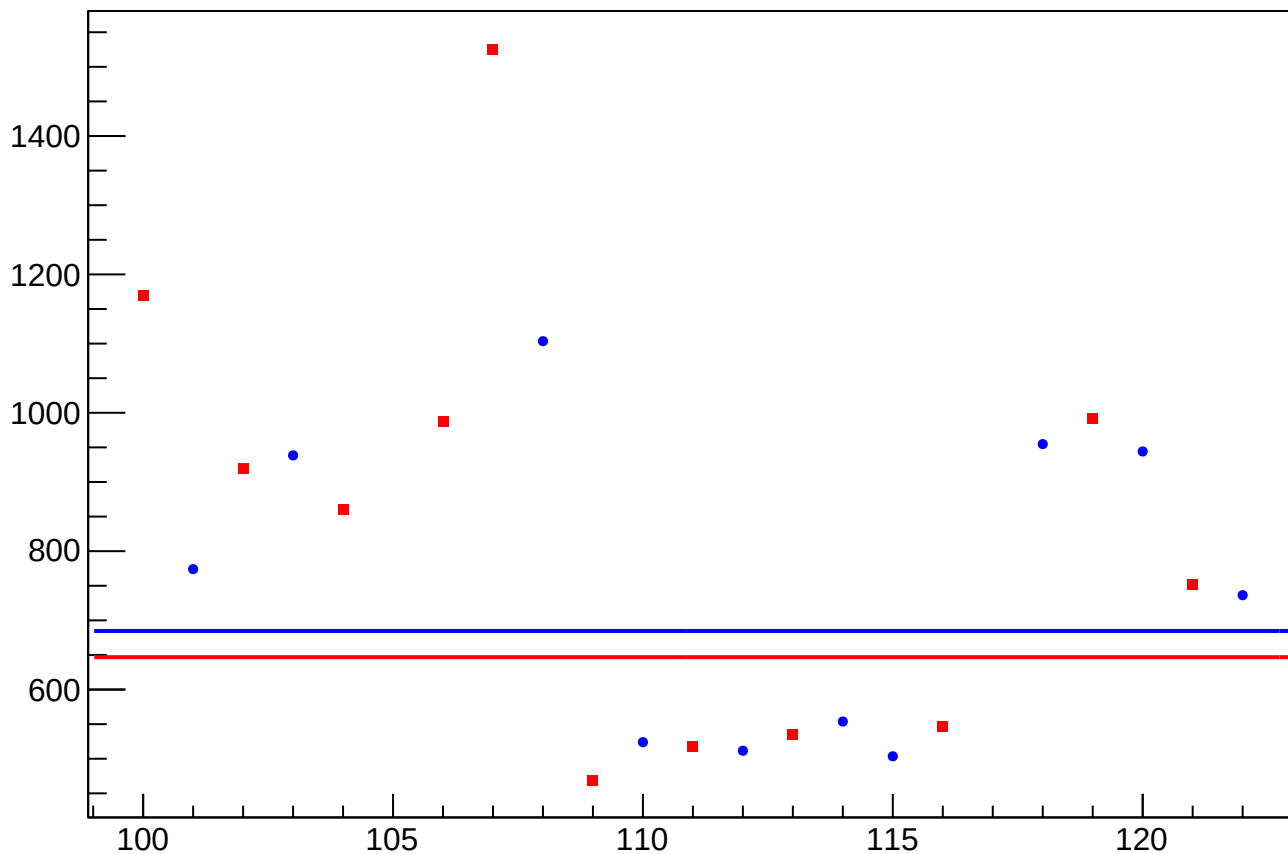
Right: 413.499+/-235.512 χ^2/NDF : 18.7/20

In: 75.417+/-351.415 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.499+/-235.512 χ^2/NDF : 18.7/20

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.687+/-0.248 χ^2/NDF : 599621.1/9

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

Right Out: 646.774+/-0.224 χ^2/NDF : 889315.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

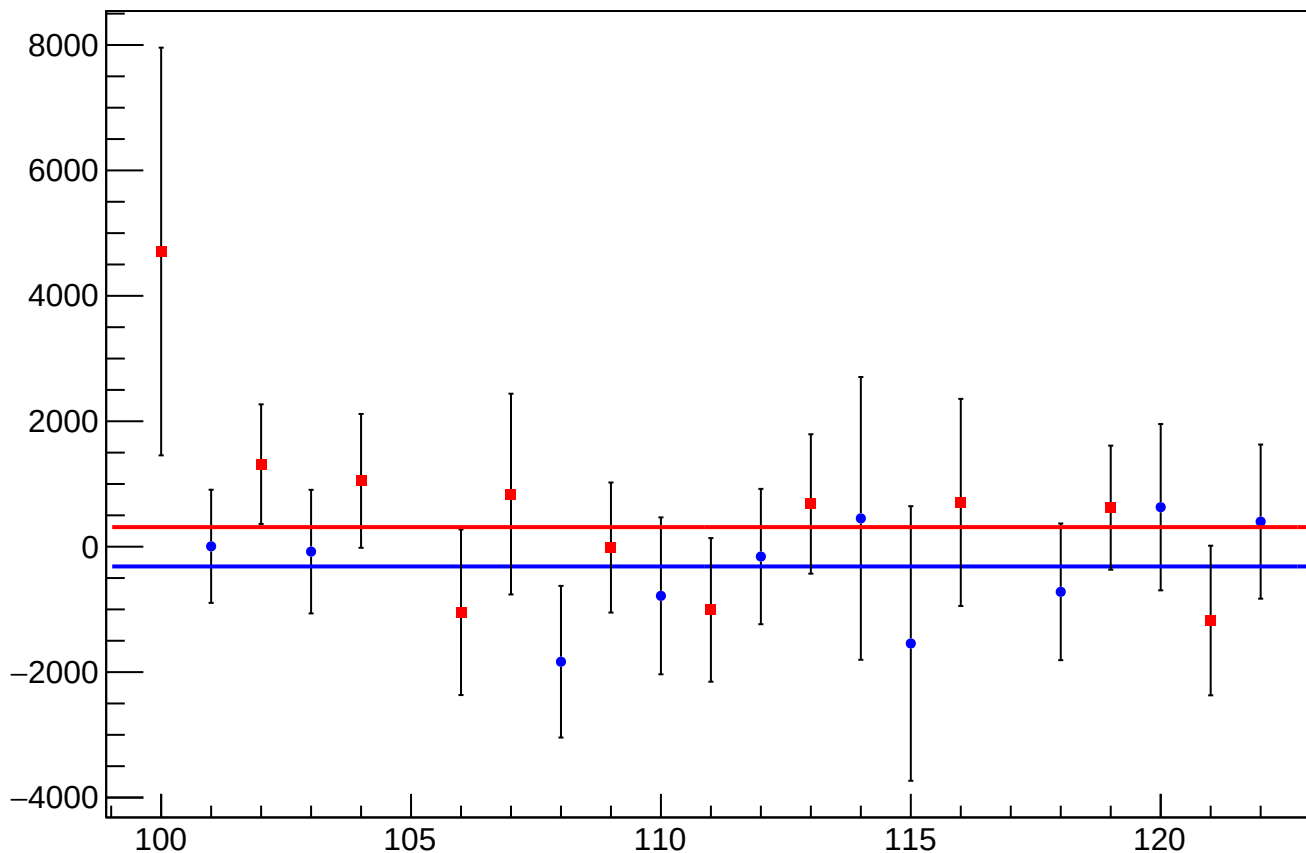
Right: 663.803+/-0.167 χ^2/NDF : 1501759.5/20

In: 684.687+/-0.248 χ^2/NDF : 599621.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.803+/-0.167 χ^2/NDF : 1501759.5/20

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -315.150+/-380.171 χ^2/NDF : 3.3/9

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

Right Out: 312.004+/-362.035 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

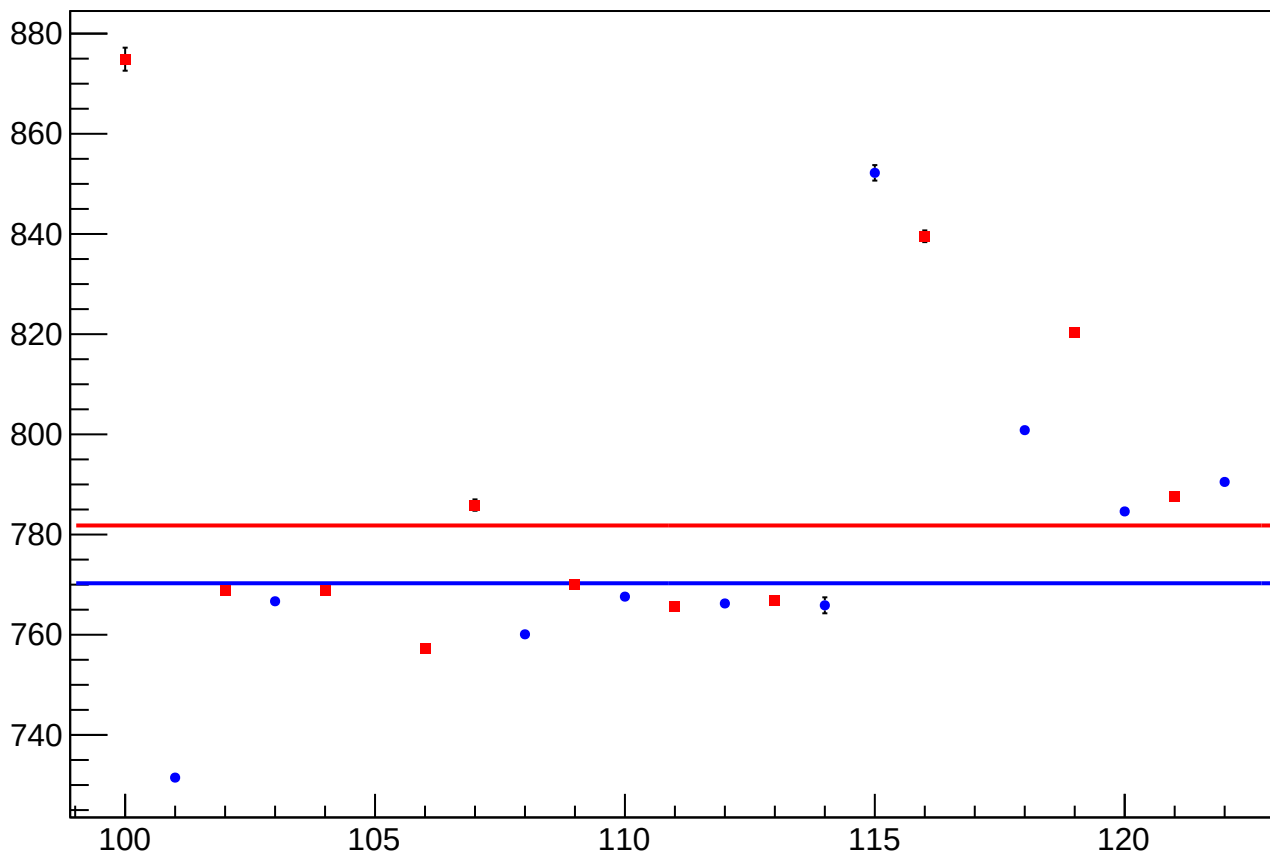
Right: 13.742+/-262.174 χ^2/NDF : 12.6/20

In: -315.150+/-380.171 χ^2/NDF :3.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13.742+/-262.174 χ^2/NDF : 12.6/20

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 770.276 $\pm$ 0.269 χ^2 /NDF: 9061.8/9

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

Right Out: 781.811 $\pm$ 0.256 χ^2 /NDF: 9544.8/10

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

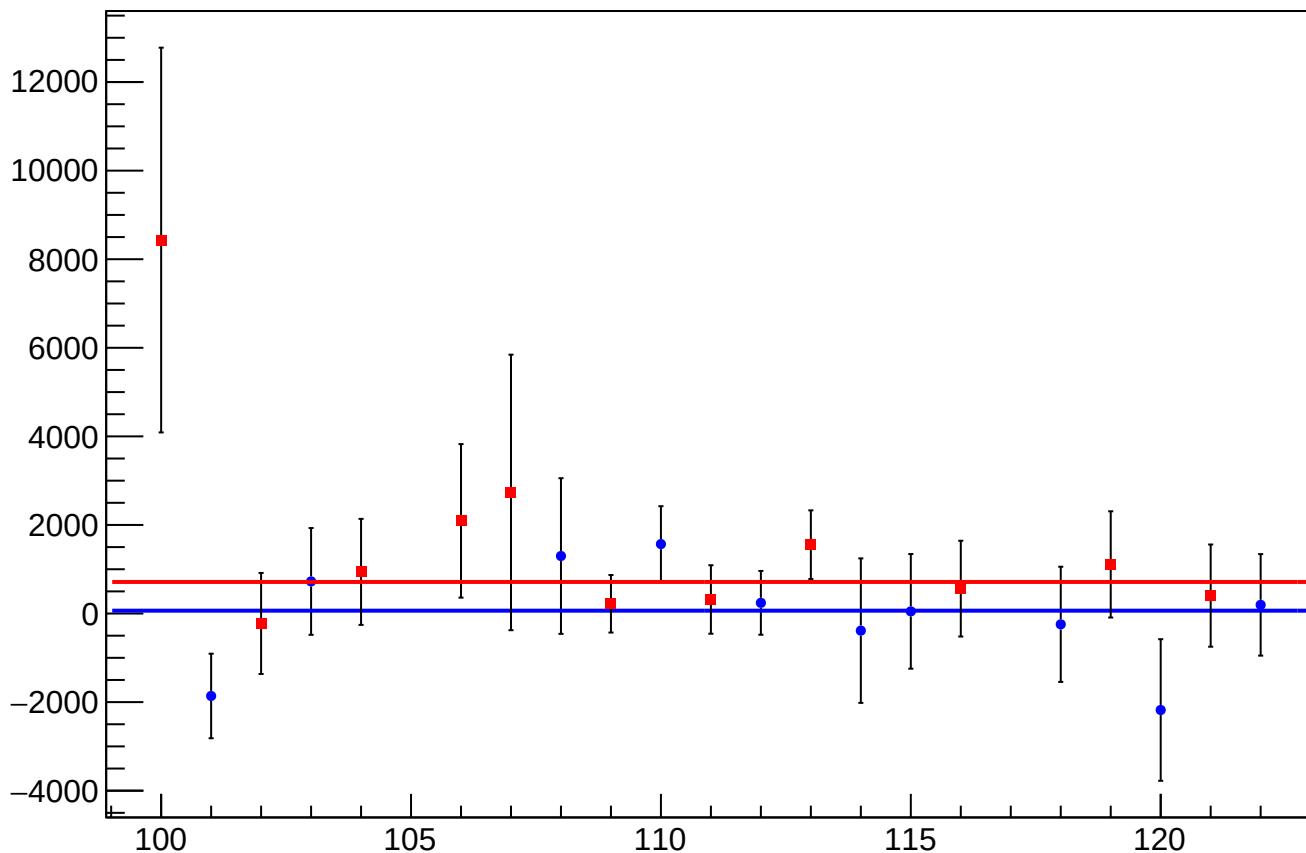
Right: 776.325 $\pm$ 0.185 χ^2 /NDF: 19572.1/20

In: 770.276 $\pm$ 0.269 χ^2 /NDF:9061.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 776.325 $\pm$ 0.185 χ^2 /NDF: 19572.1/20

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 64.412+/-350.913 χ^2/NDF : 10.1/9

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

Right Out: 713.029+/-316.819 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

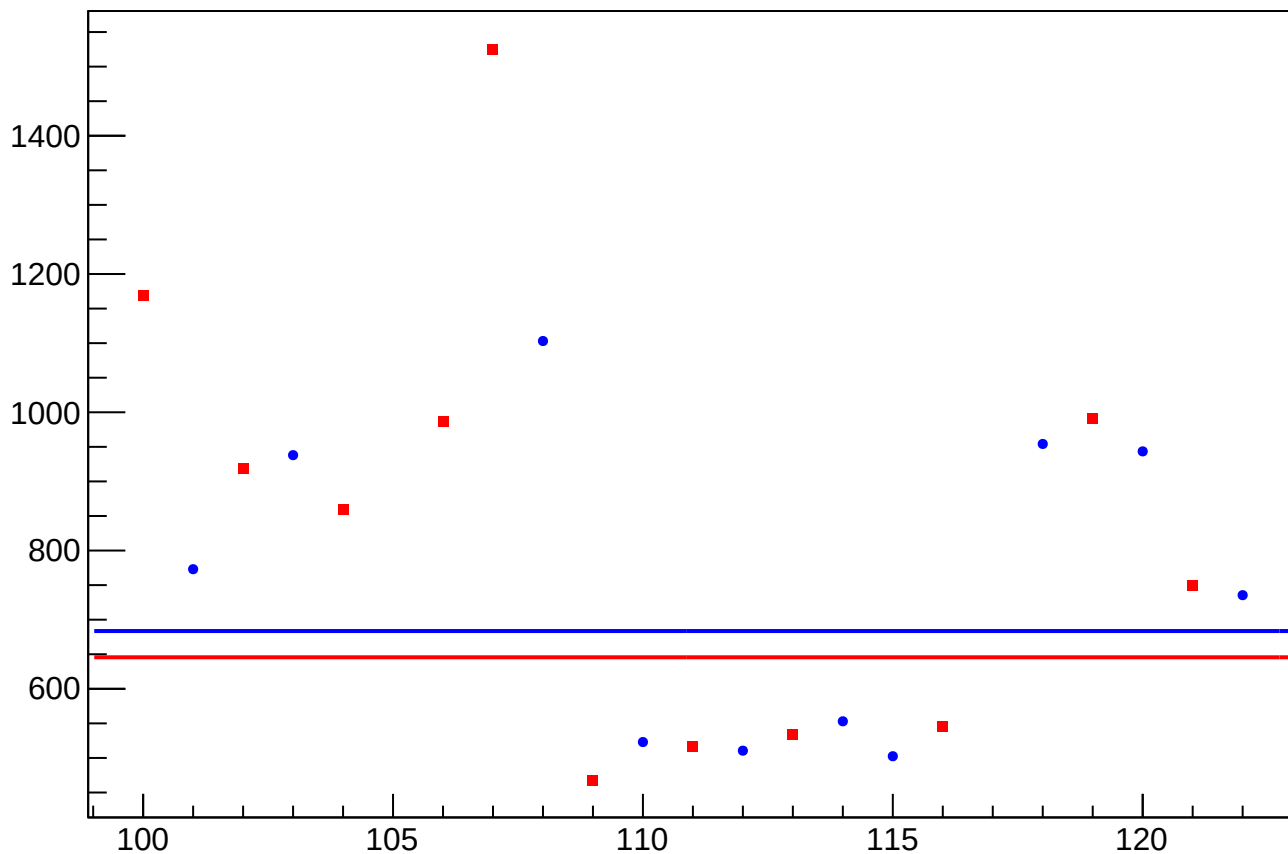
Right: 421.752+/-235.157 χ^2/NDF : 19.2/20

In: 64.412+/-350.913 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.752+/-235.157 χ^2/NDF : 19.2/20

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 683.588+/-0.248 χ^2/NDF : 602129.0/9

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

Right Out: 645.594+/-0.224 χ^2/NDF : 892824.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

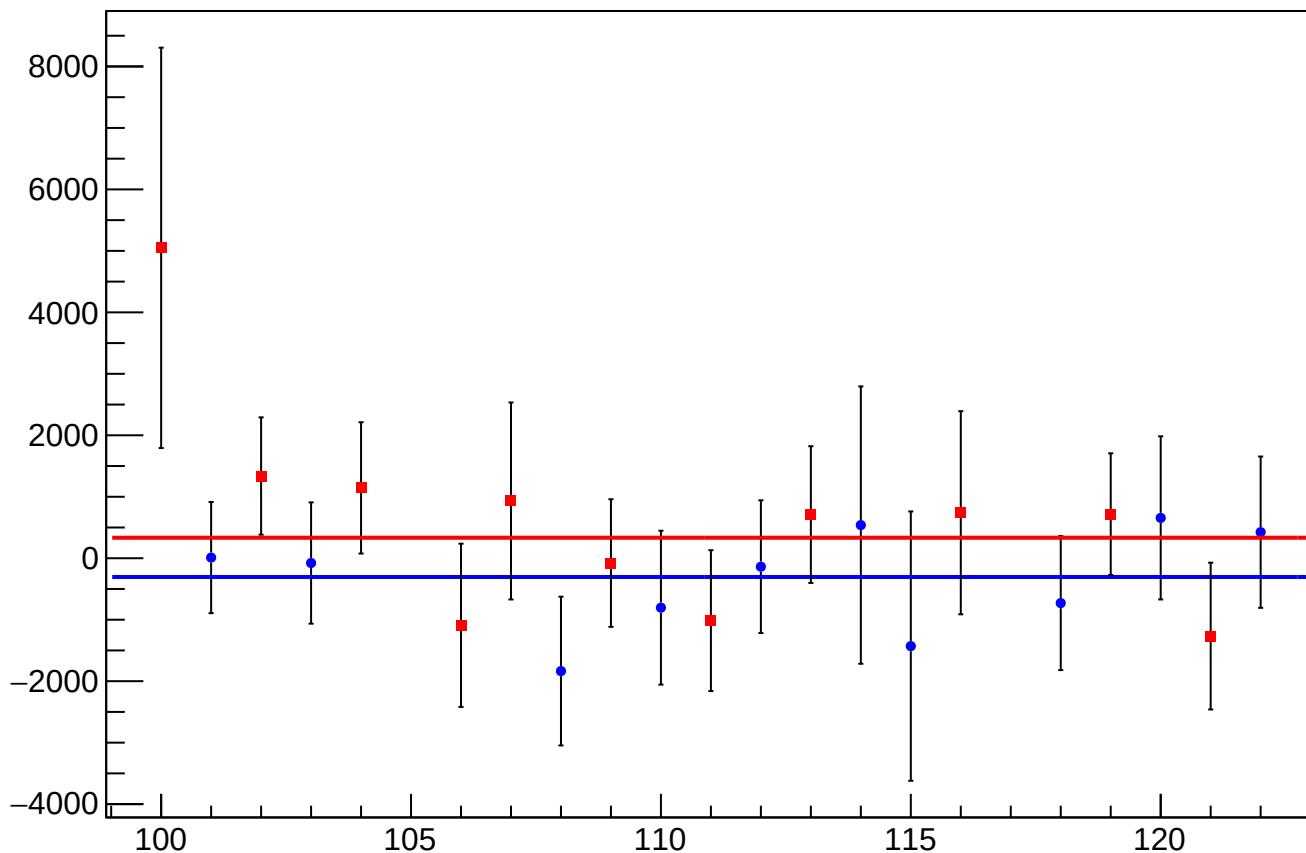
Right: 662.656+/-0.166 χ^2/NDF : 1507869.7/20

In: 683.588+/-0.248 χ^2/NDF : 602129.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.656+/-0.166 χ^2/NDF : 1507869.7/20

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -304.895 $\pm$ 380.563 χ^2/NDF : 3.4/9

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

Right Out: 333.103 $\pm$ 362.433 χ^2/NDF : 8.7/10

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

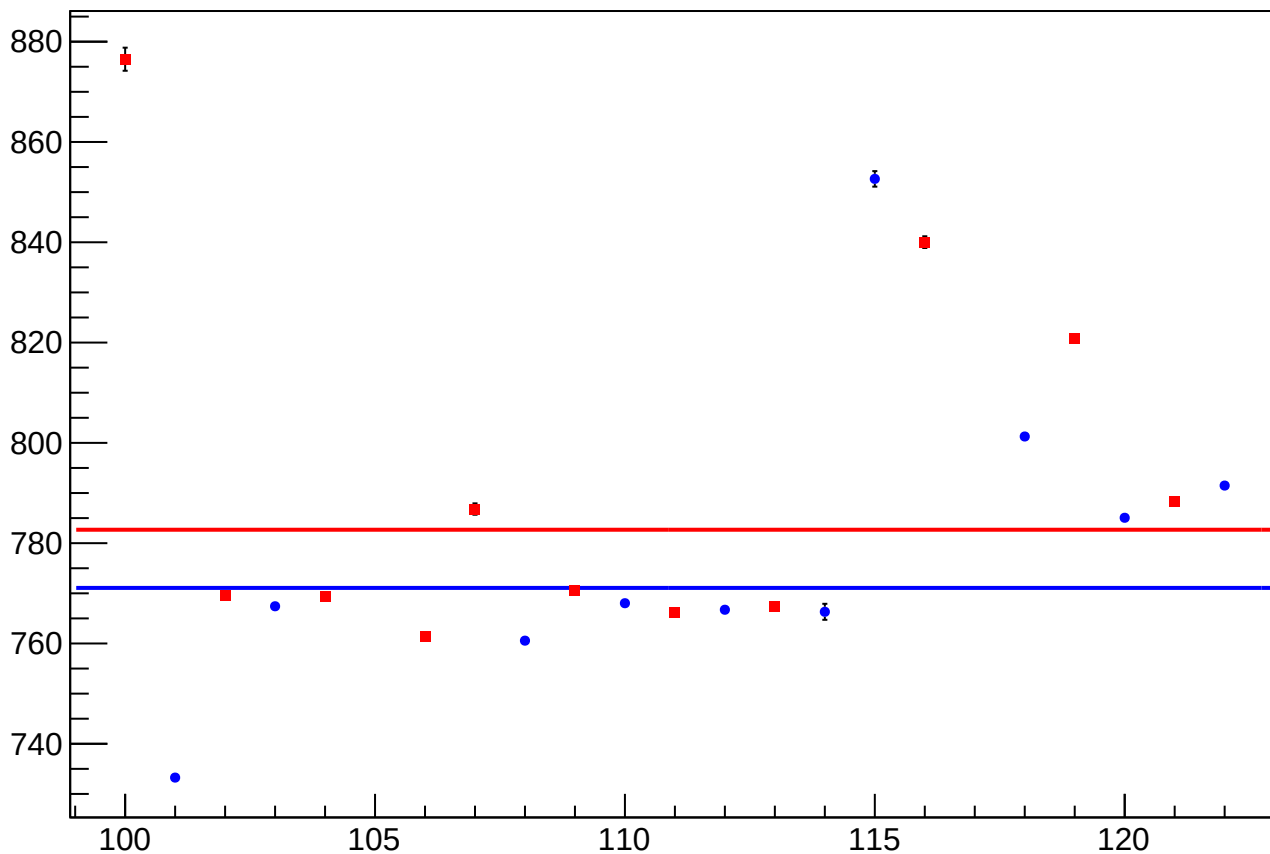
Right: 29.662 $\pm$ 262.454 χ^2/NDF : 13.6/20

In: -304.895 $\pm$ 380.563 χ^2/NDF : 3.4/9

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

All: 29.662 $\pm$ 262.454 χ^2/NDF : 13.6/20

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 771.081+/-0.269 χ^2/NDF : 8808.8/9

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

Right Out: 782.680+/-0.256 χ^2/NDF : 9363.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

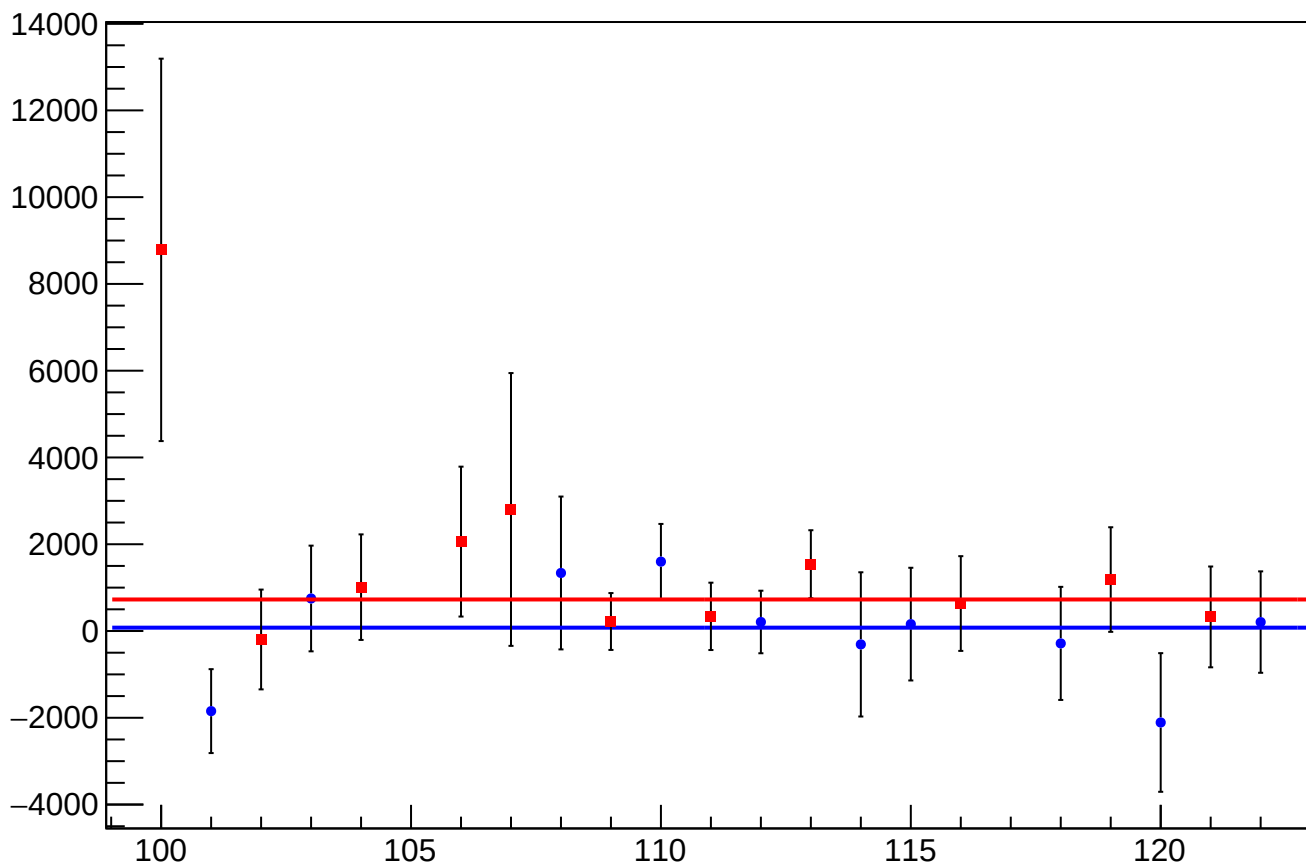
Right: 777.163+/-0.186 χ^2/NDF : 19146.7/20

In: 771.081+/-0.269 χ^2/NDF : 8808.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.163+/-0.186 χ^2/NDF : 19146.7/20

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 77.115+/-354.016 χ^2/NDF : 9.9/9

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

Right Out: 726.836+/-319.405 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

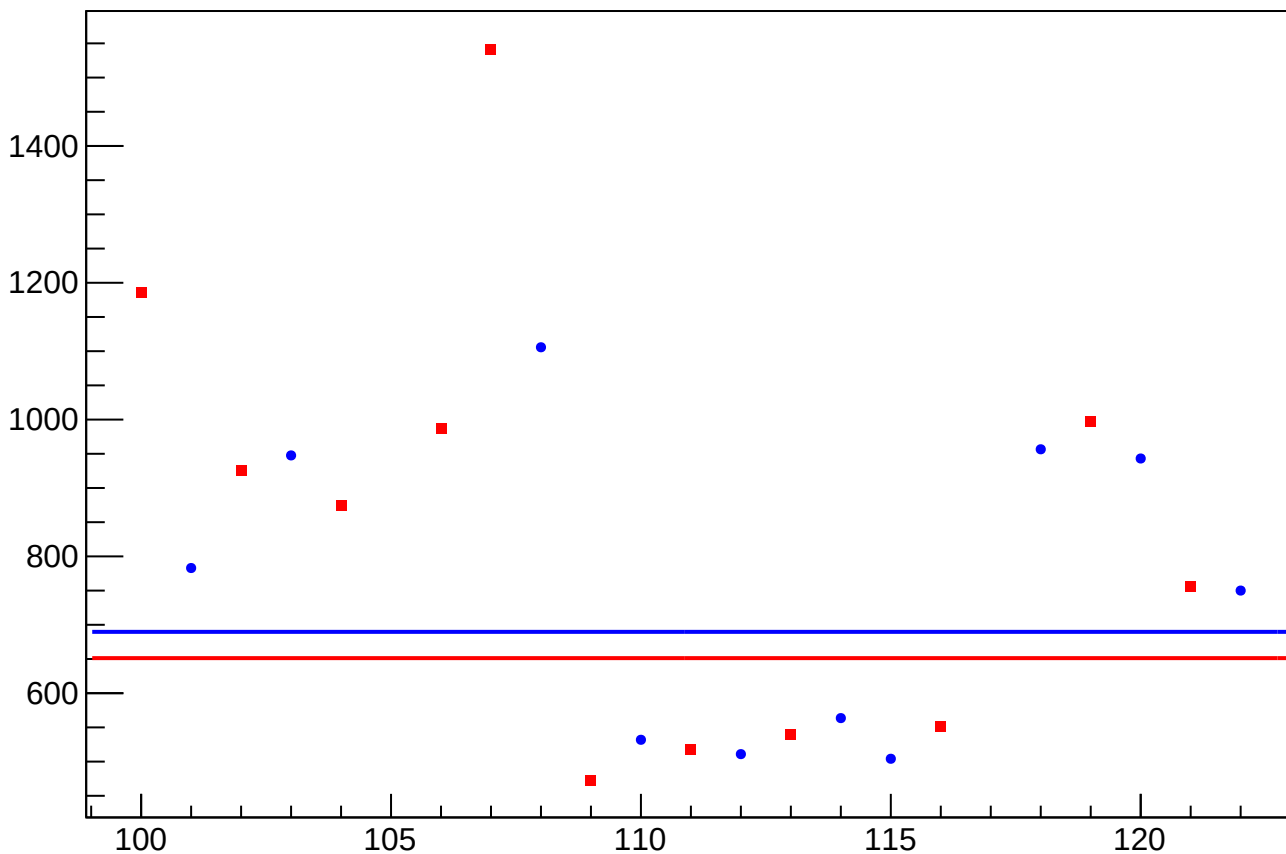
Right: 435.281+/-237.148 χ^2/NDF : 19.0/20

In: 77.115+/-354.016 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.281+/-237.148 χ^2/NDF : 19.0/20

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 689.680+/-0.250 χ^2/NDF : 600502.4/9

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

Right Out: 651.263+/-0.226 χ^2/NDF : 891770.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

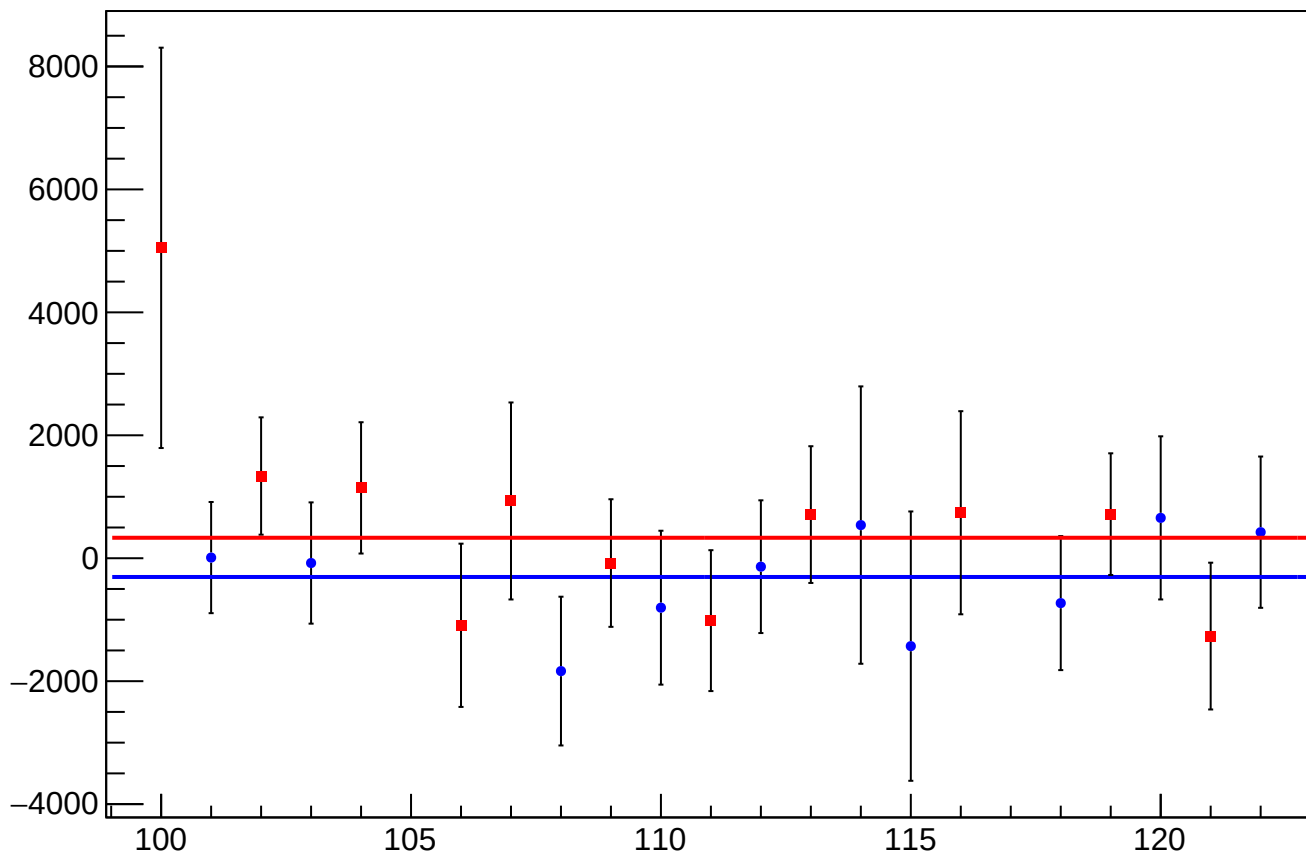
Right: 668.502+/-0.168 χ^2/NDF : 1505256.3/20

In: 689.680+/-0.250 χ^2/NDF : 600502.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.502+/-0.168 χ^2/NDF : 1505256.3/20

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -304.895+/-380.563 χ^2/NDF : 3.4/9

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

Right Out: 333.099+/-362.433 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

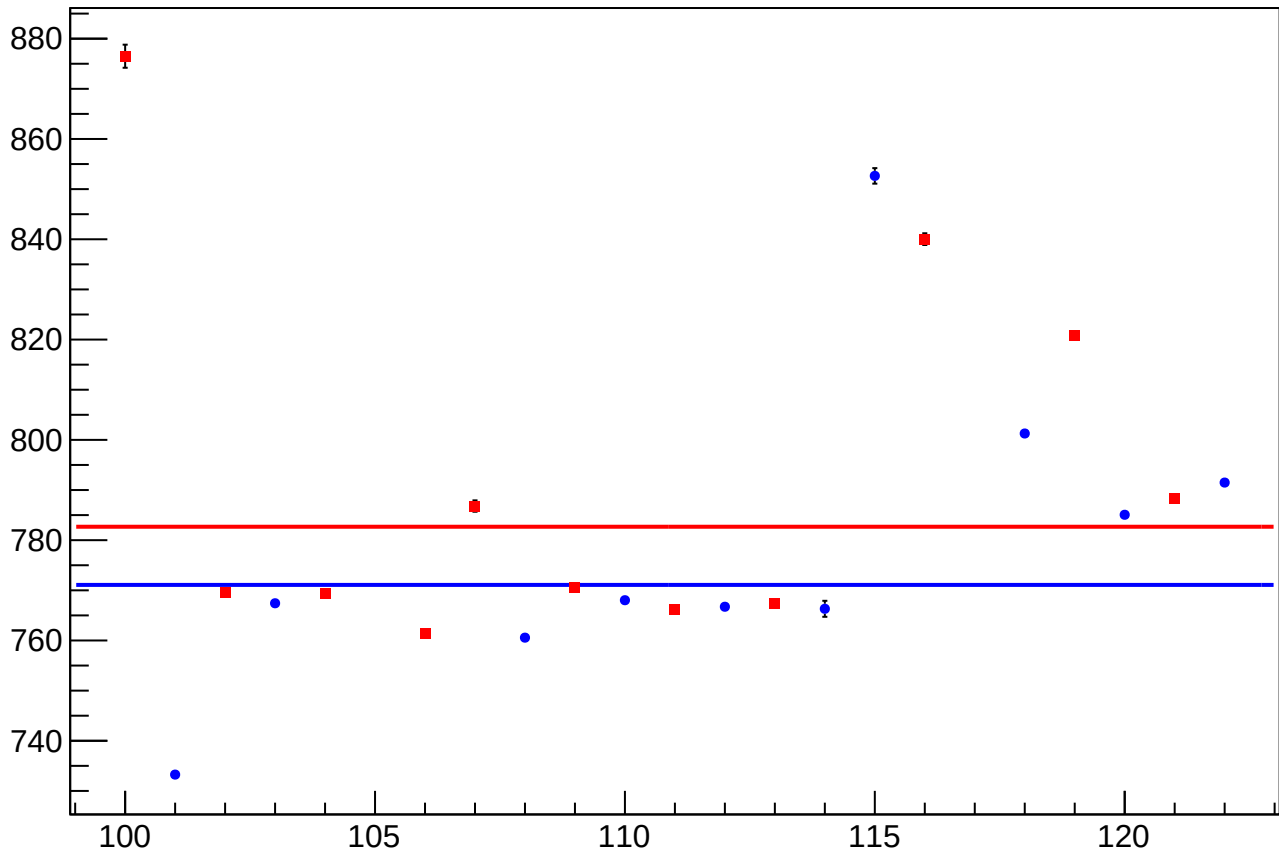
Right: 29.661+/-262.454 χ^2/NDF : 13.6/20

In: -304.895+/-380.563 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.661+/-262.454 χ^2/NDF : 13.6/20

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 771.081+/-0.269 χ^2/NDF : 8808.8/9

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

Right Out: 782.680+/-0.256 χ^2/NDF : 9363.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

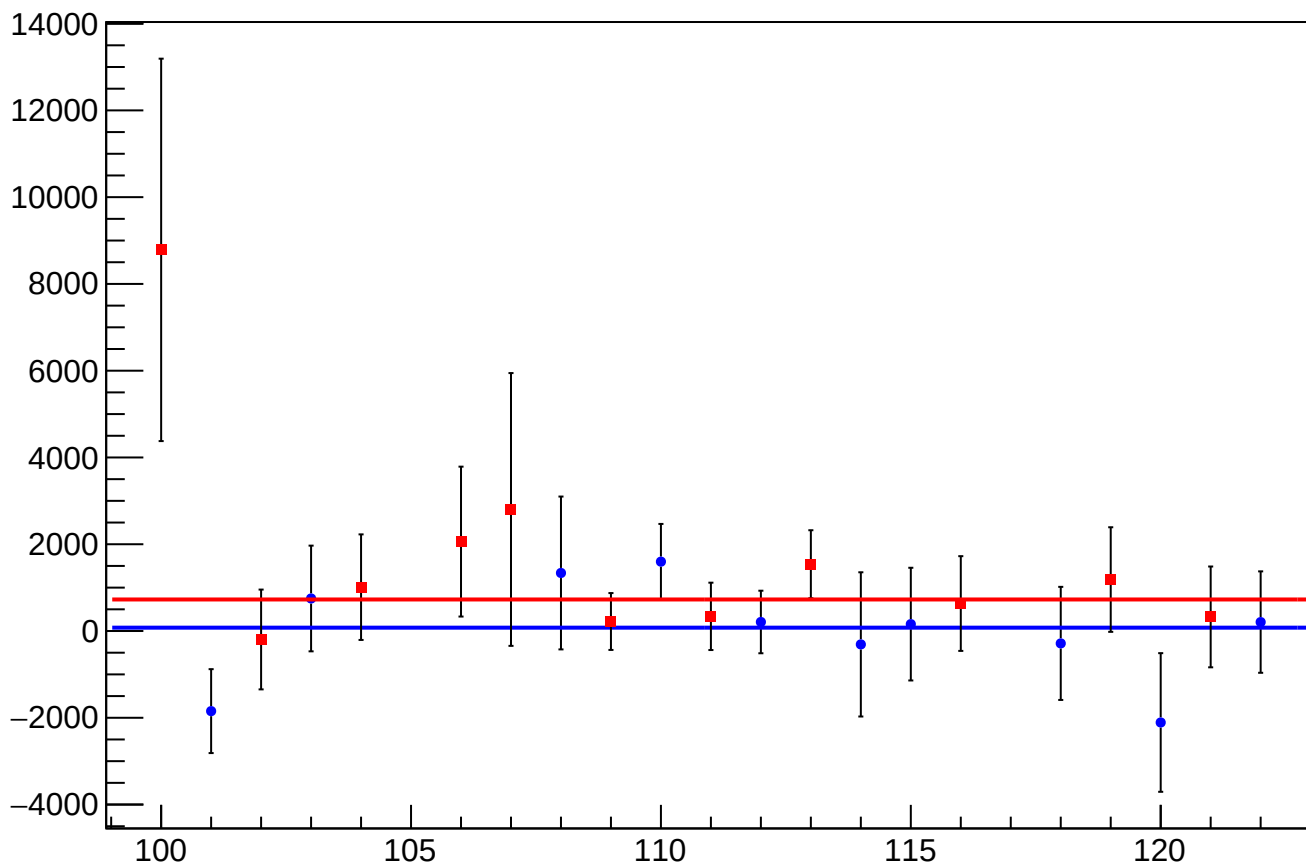
Right: 777.163+/-0.186 χ^2/NDF : 19146.6/20

In: 771.081+/-0.269 χ^2/NDF : 8808.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.163+/-0.186 χ^2/NDF : 19146.6/20

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 77.116+/-354.014 χ^2/NDF : 9.9/9

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

Right Out: 726.833+/-319.403 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

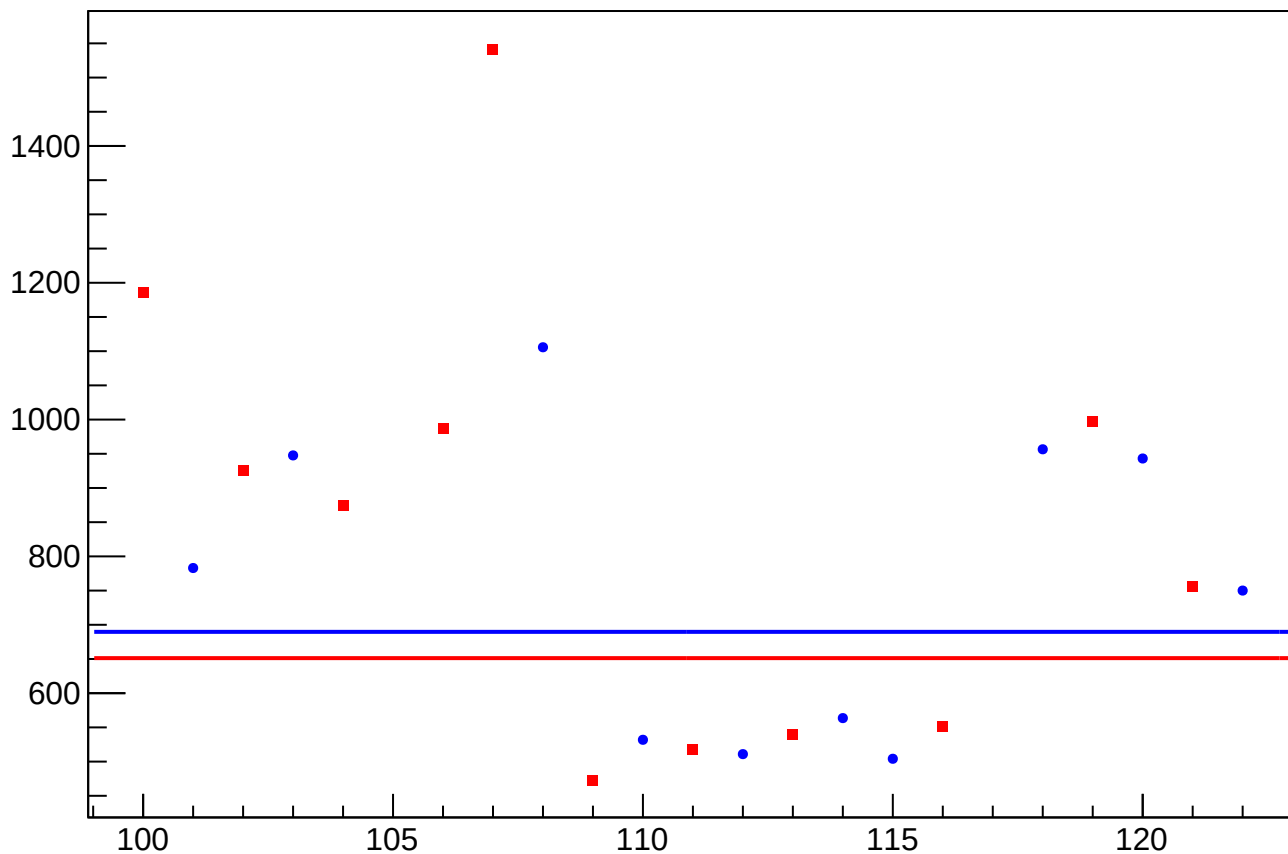
Right: 435.279+/-237.147 χ^2/NDF : 19.0/20

In: 77.116+/-354.014 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.279+/-237.147 χ^2/NDF : 19.0/20

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 689.675+/-0.250 χ^2/NDF : 600517.7/9

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

Right Out: 651.259+/-0.226 χ^2/NDF : 891788.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

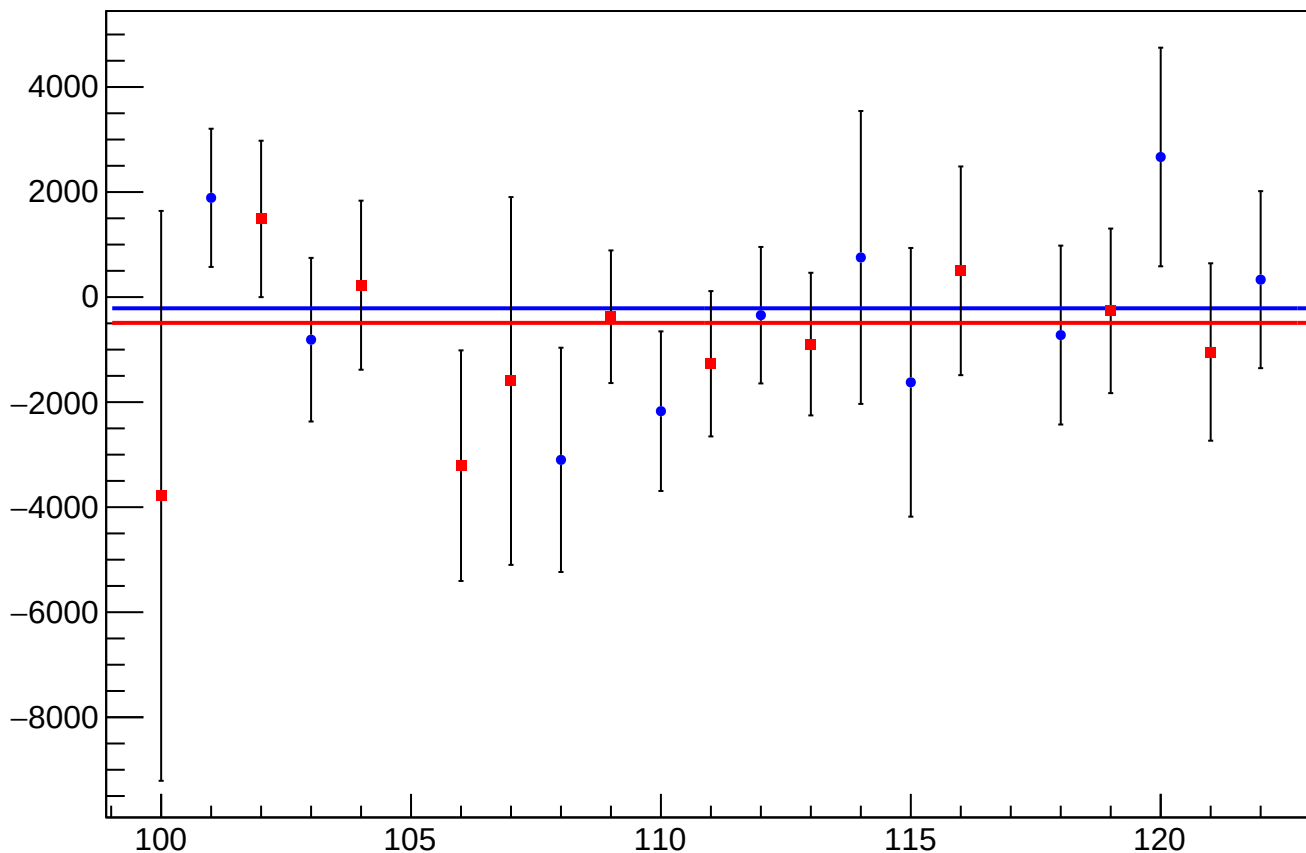
Right: 668.498+/-0.168 χ^2/NDF : 1505289.4/20

In: 689.675+/-0.250 χ^2/NDF : 600517.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.498+/-0.168 χ^2/NDF : 1505289.4/20

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -213.293+/-538.894 χ^2/NDF : 8.7/9

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

Right Out: -490.751+/-508.749 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

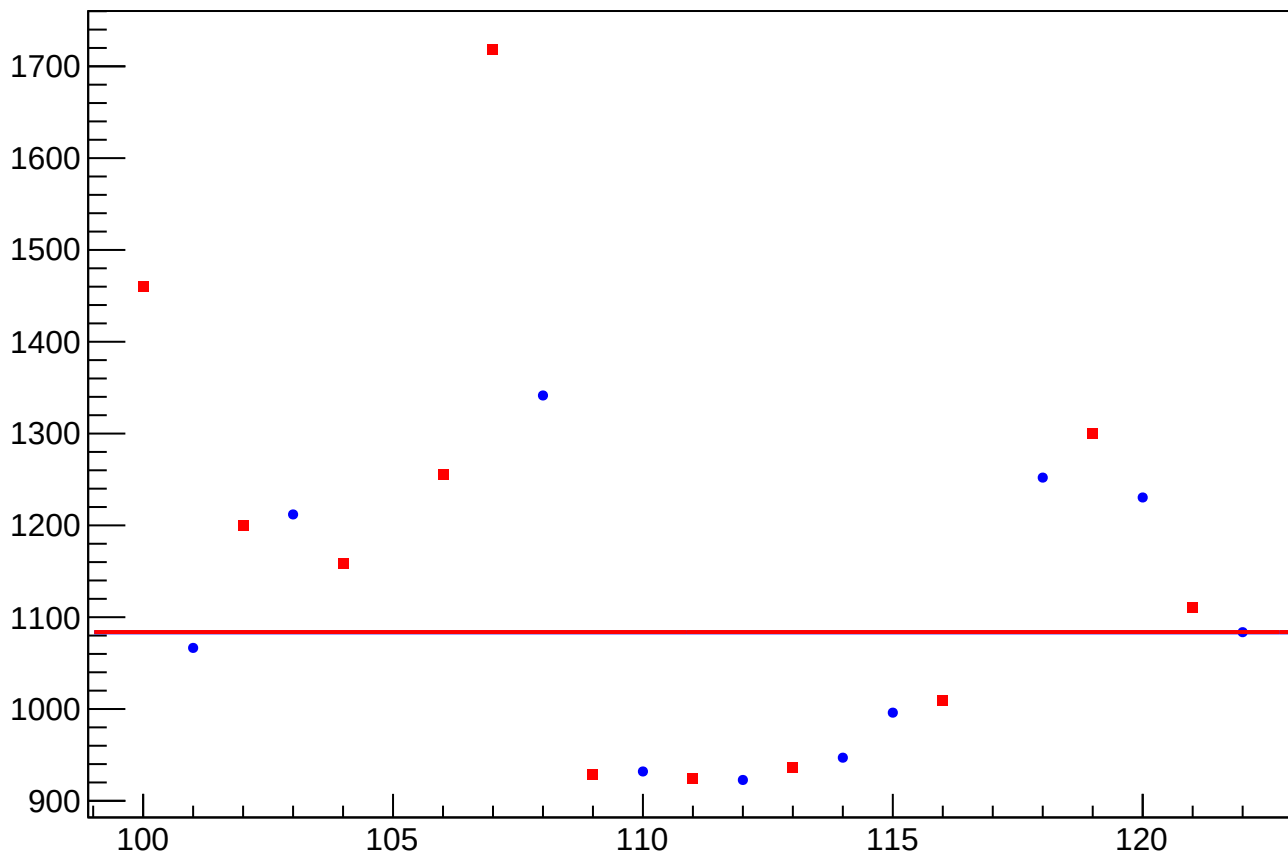
Right: -359.999+/-369.938 χ^2/NDF : 13.6/20

In: -213.293+/-538.894 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.999+/-369.938 χ^2/NDF : 13.6/20

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1083.507+/-0.381 χ^2 /NDF: 130296.5/9

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

Right Out: 1083.828+/-0.360 χ^2 /NDF: 225221.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

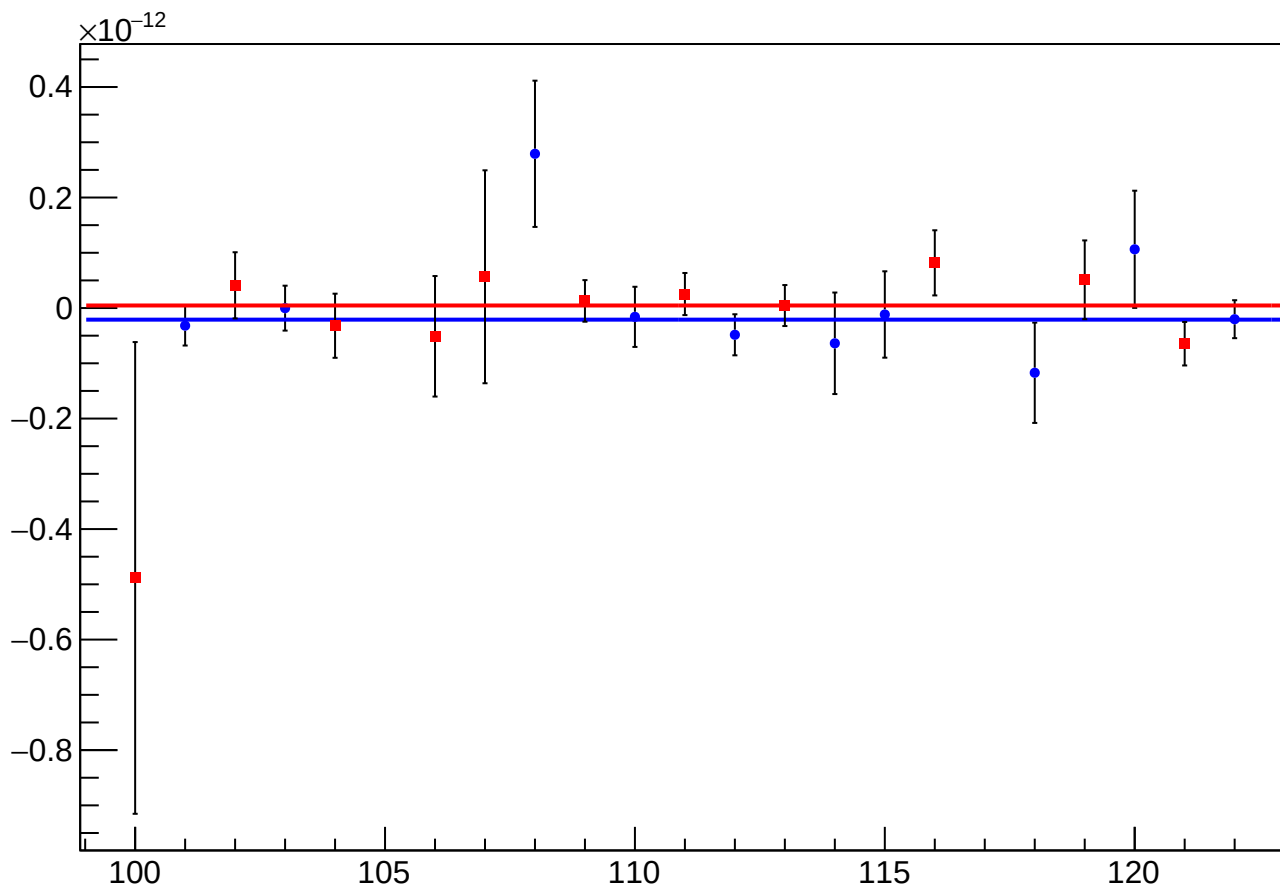
Right: 1083.677+/-0.262 χ^2 /NDF: 355518.2/20

In: 1083.507+/-0.381 χ^2 /NDF:130296.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1083.677+/-0.262 χ^2 /NDF: 355518.2/20

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.8/9

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

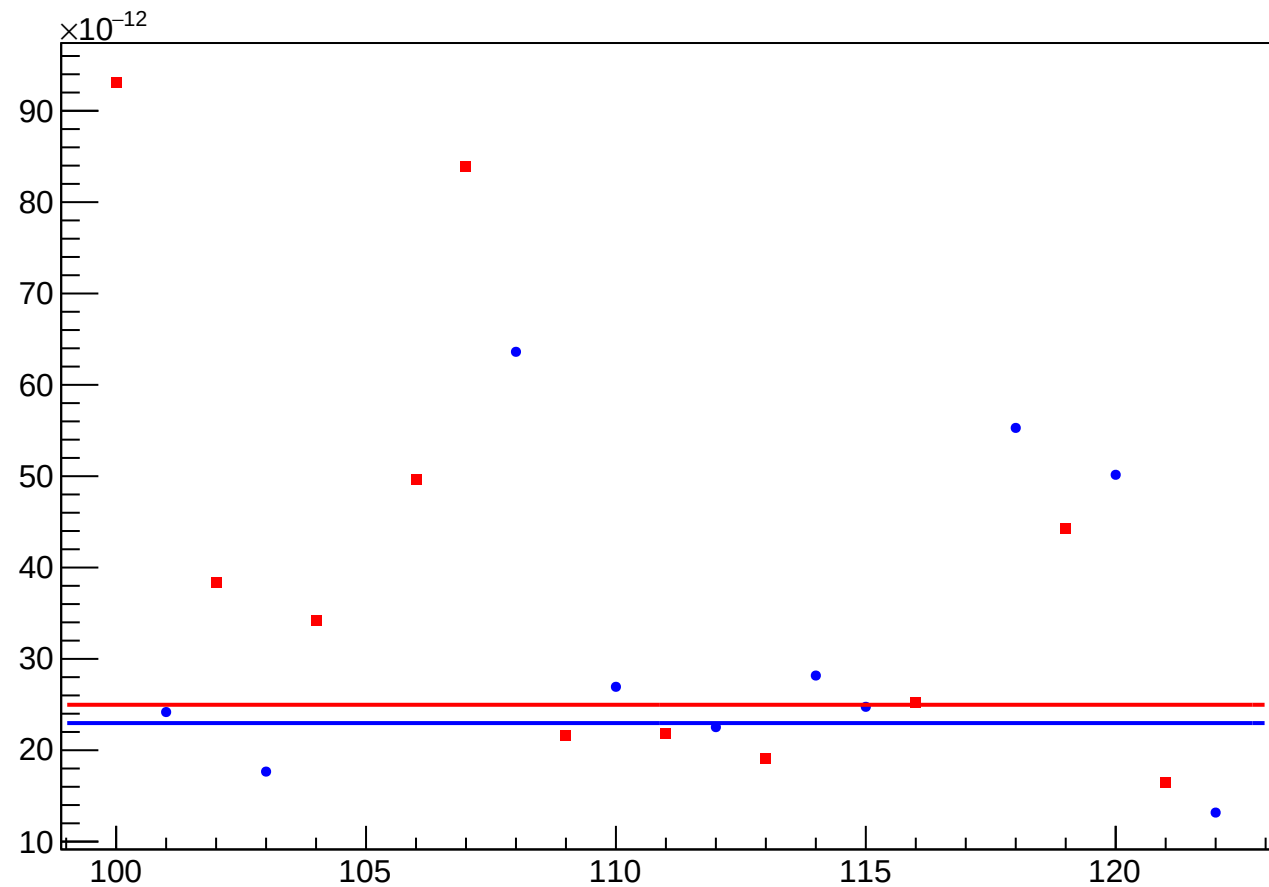
Right: -0.000+/-0.000 χ^2/NDF : 18.1/20

In: -0.000+/-0.000 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/20

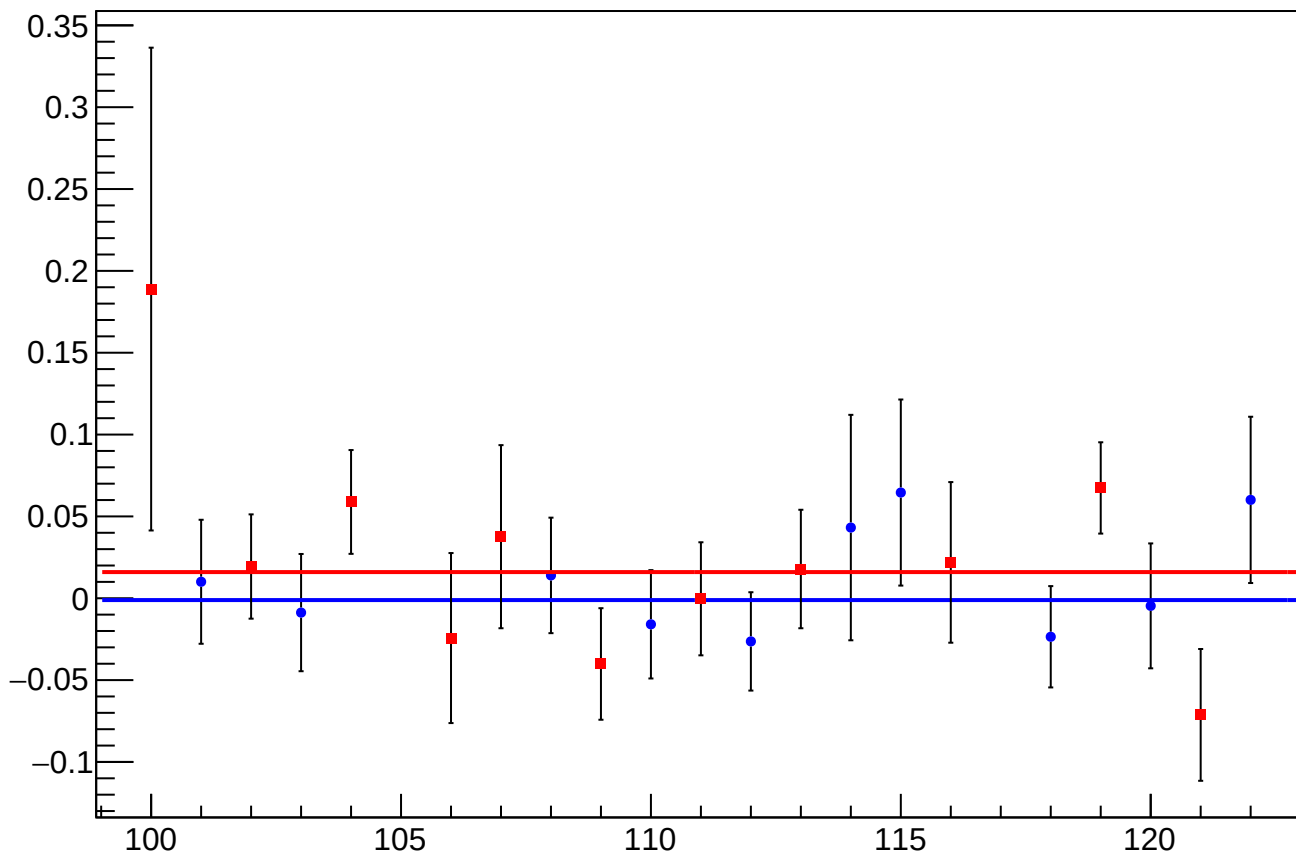
asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 791180.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 811085.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1617891.7/20
 In: 0.000+/-0.000 χ^2/NDF : 791180.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1617891.7/20

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.012 χ^2/NDF : 5.0/9

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

Right Out: 0.016 ± 0.012 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

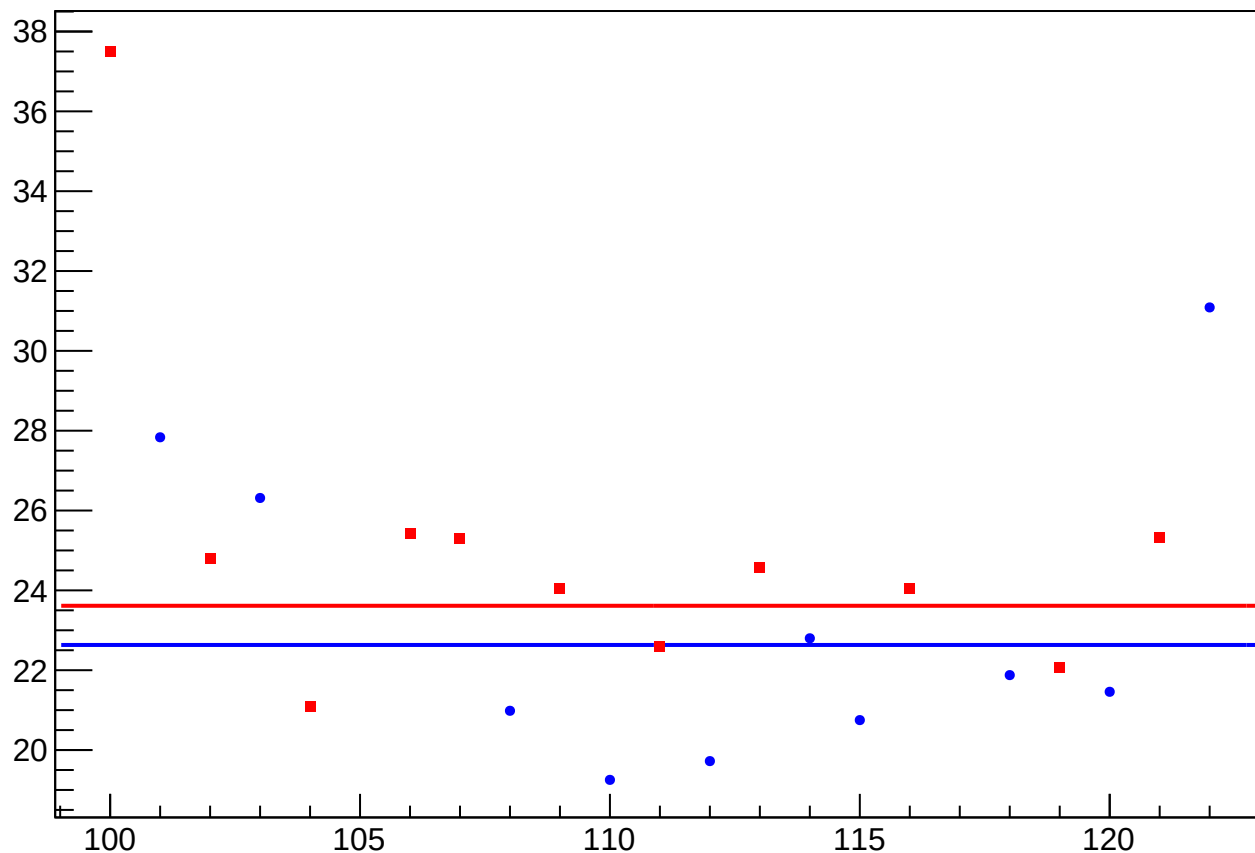
Right: 0.008 ± 0.008 χ^2/NDF : 21.0/20

In: -0.001 ± 0.012 χ^2/NDF : 5.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.008 χ^2/NDF : 21.0/20

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.632+/-0.008 χ^2/NDF : 163572.9/9

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

Right Out: 23.614+/-0.008 χ^2/NDF : 50817.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

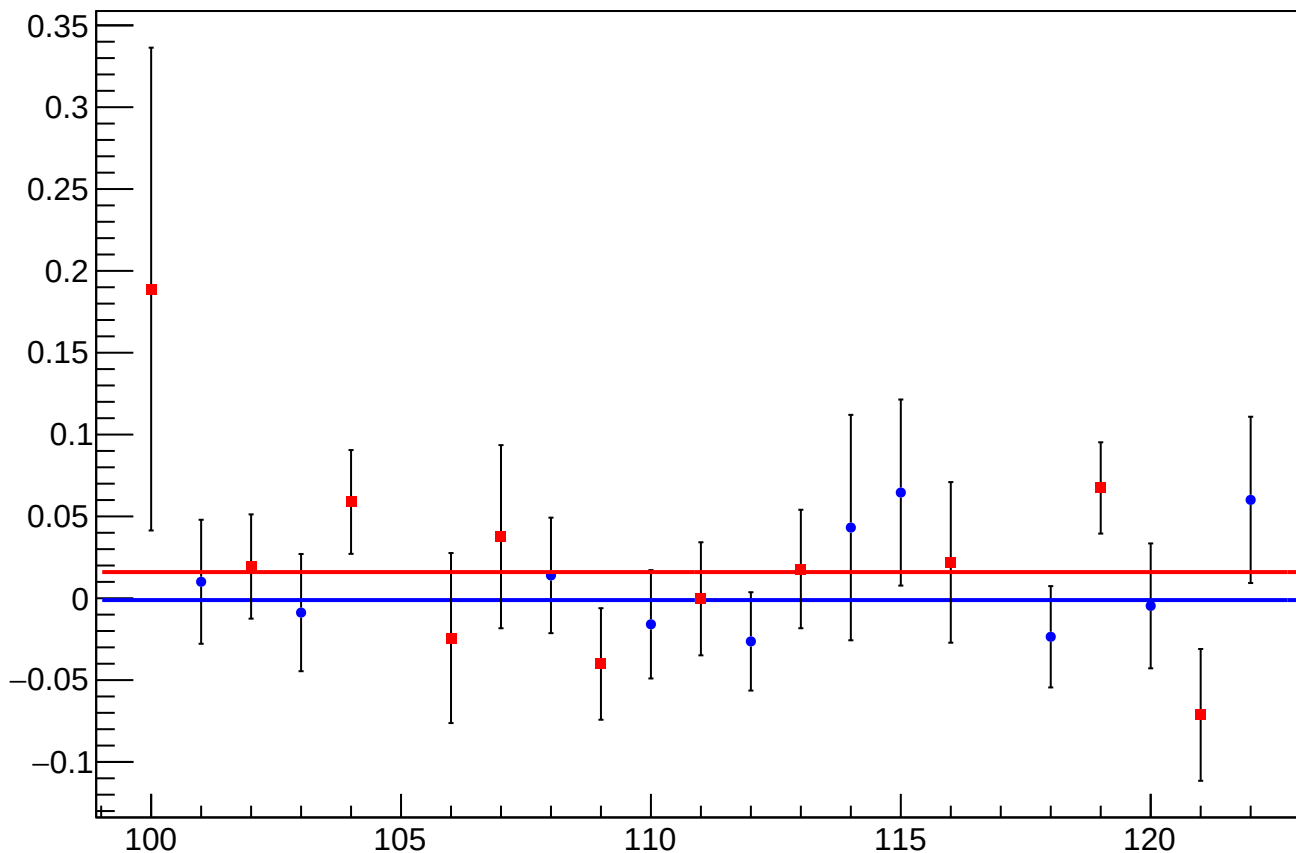
Right: 23.142+/-0.006 χ^2/NDF : 221335.1/20

In: 22.632+/-0.008 χ^2/NDF : 163572.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.142+/-0.006 χ^2/NDF : 221335.1/20

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.012 χ^2 /NDF: 5.0/9

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

Right Out: 0.016 $\pm$ 0.012 χ^2 /NDF: 15.0/10

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

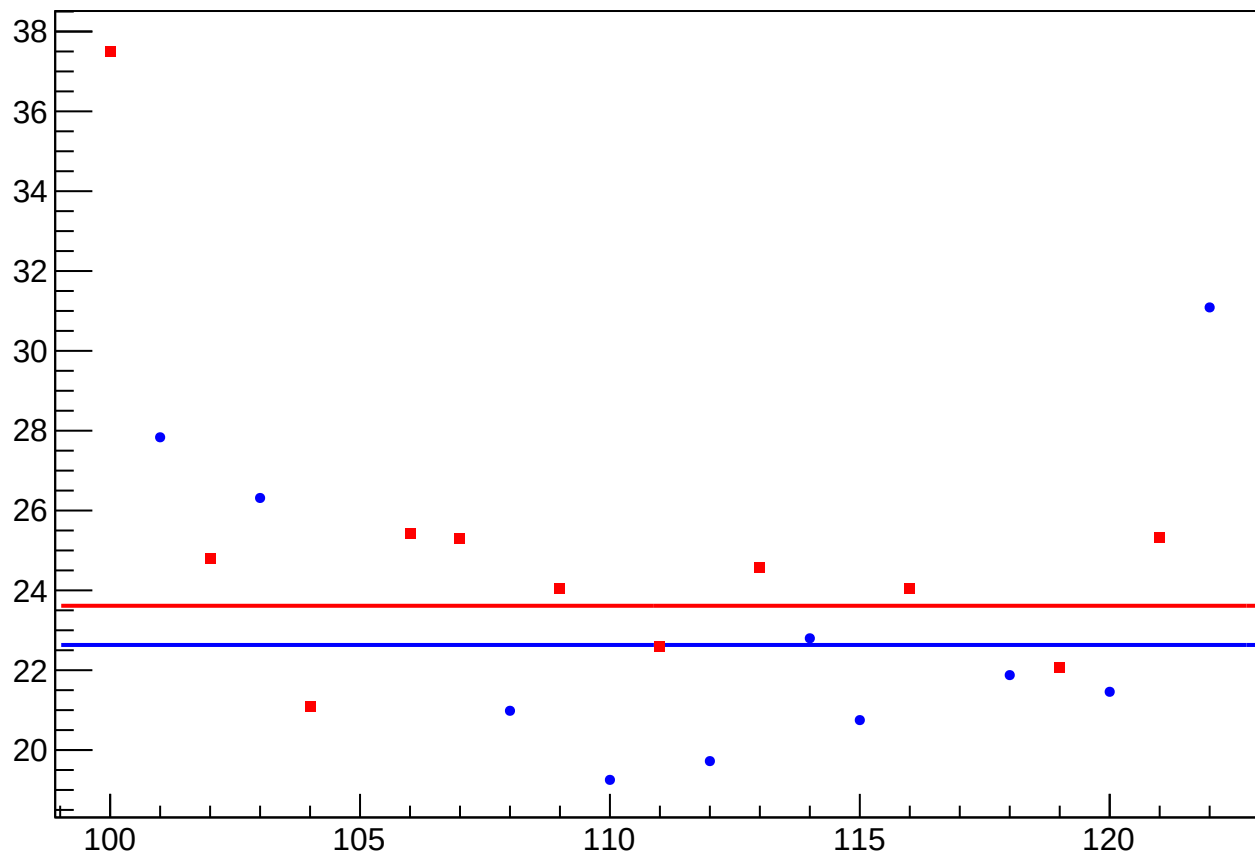
Right: 0.008 $\pm$ 0.008 χ^2 /NDF: 21.0/20

In: -0.001 $\pm$ 0.012 χ^2 /NDF:5.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 21.0/20

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.632 $\pm$ 0.008 χ^2 /NDF: 163572.9/9

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

Right Out: 23.614 $\pm$ 0.008 χ^2 /NDF: 50817.0/10

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

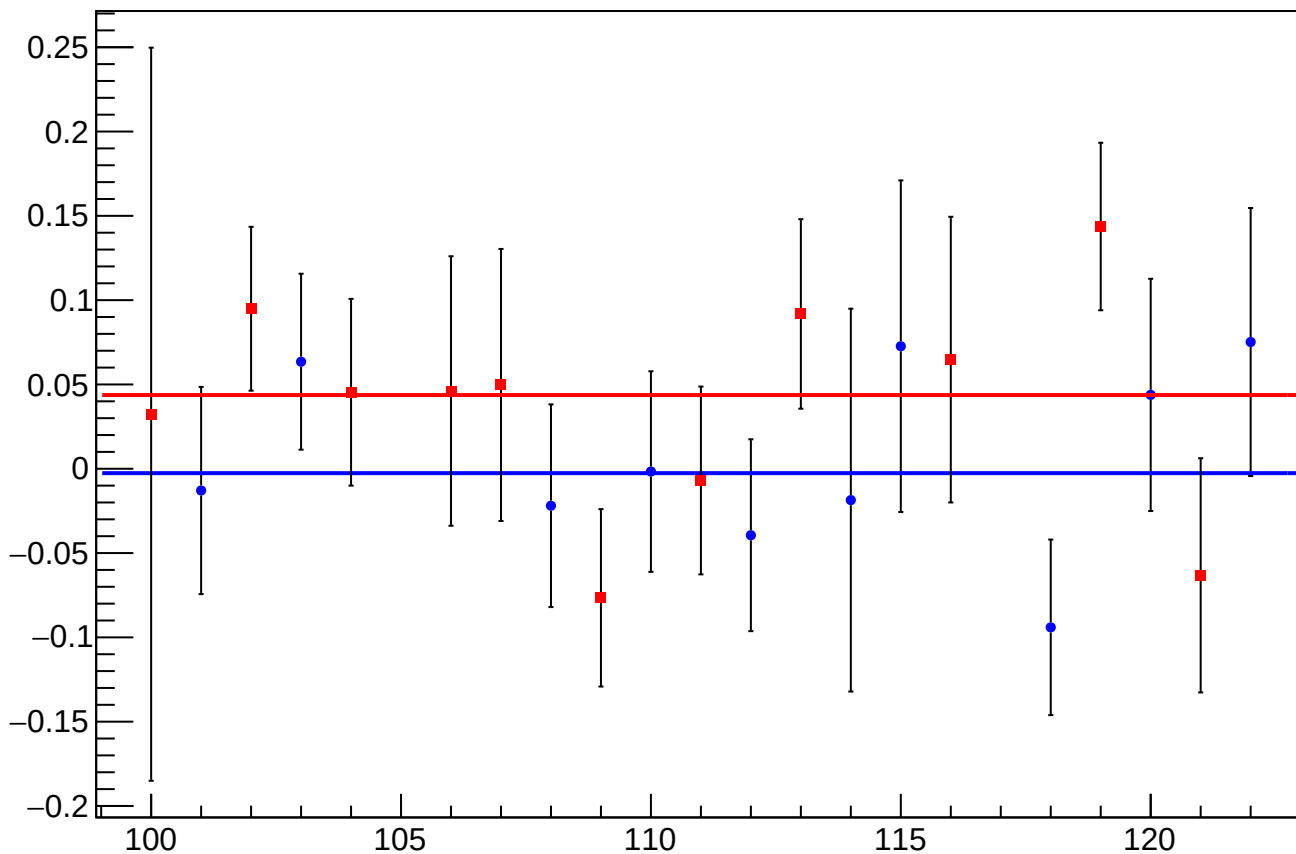
Right: 23.142 $\pm$ 0.006 χ^2 /NDF: 221335.1/20

In: 22.632 $\pm$ 0.008 χ^2 /NDF:163572.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.142 $\pm$ 0.006 χ^2 /NDF: 221335.1/20

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.020 χ^2/NDF : 7.3/9

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

Right Out: 0.044+/-0.019 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

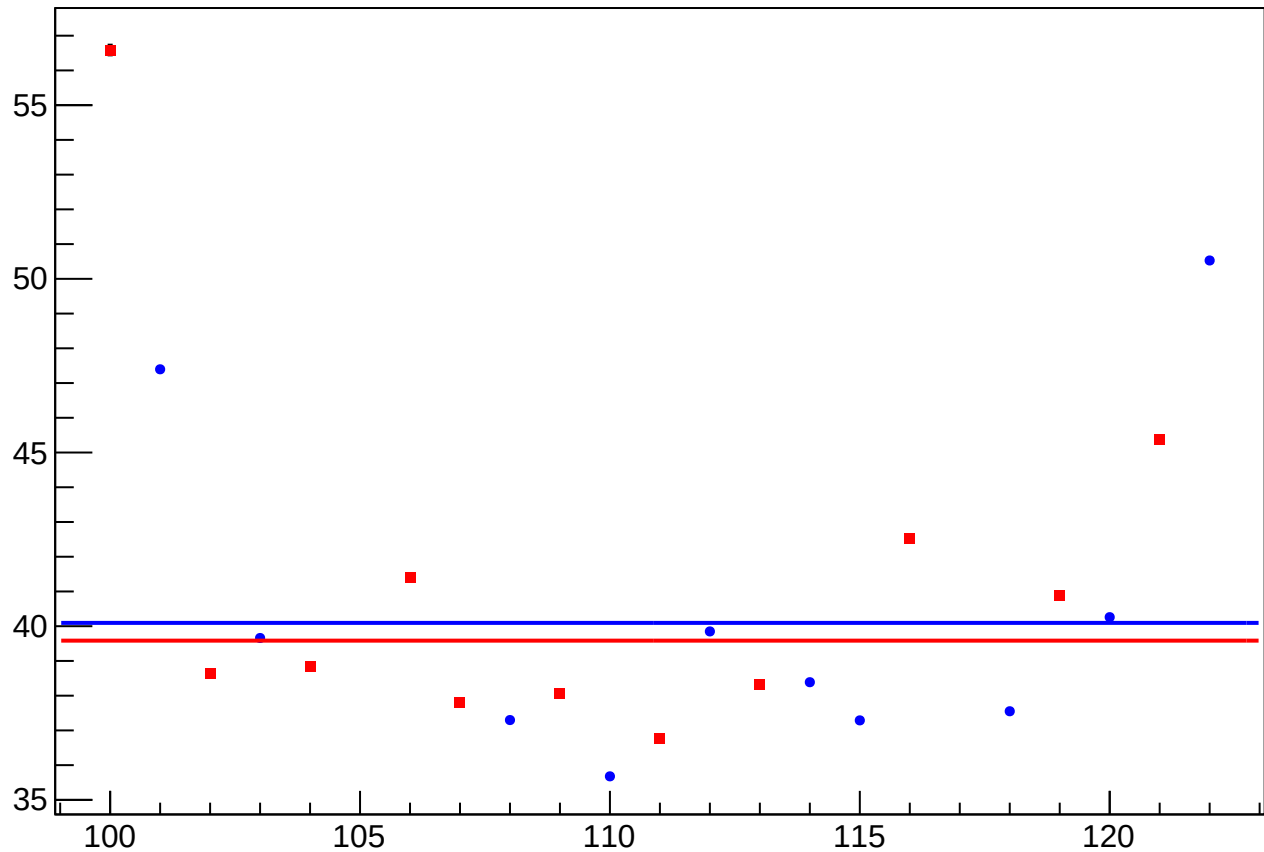
Right: 0.022+/-0.014 χ^2/NDF : 24.4/20

In: -0.003+/-0.020 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.014 χ^2/NDF : 24.4/20

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.096+/-0.014 χ^2/NDF : 85103.6/9

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

Right Out: 39.584+/-0.013 χ^2/NDF : 40866.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

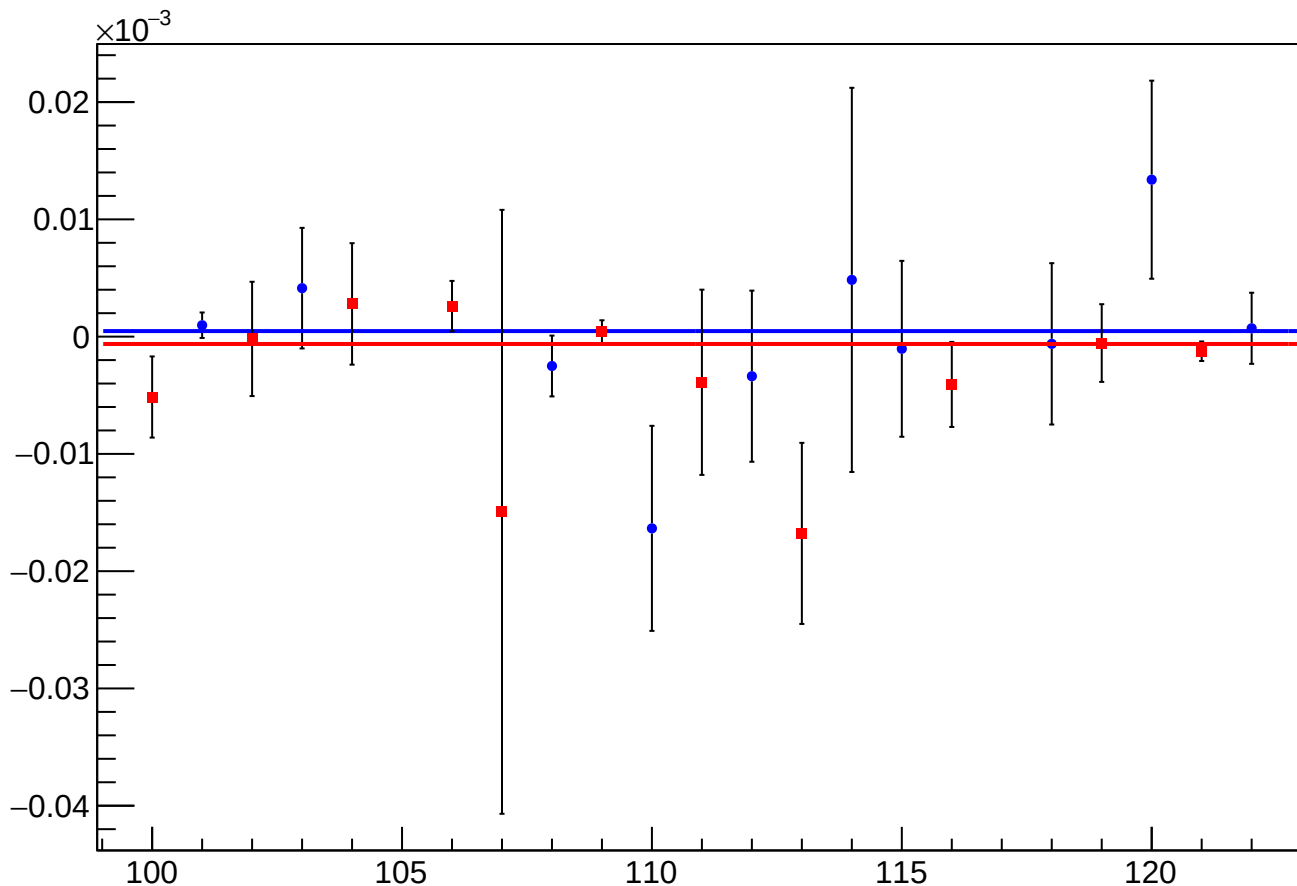
Right: 39.820+/-0.010 χ^2/NDF : 126652.0/20

In: 40.096+/-0.014 χ^2/NDF : 85103.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.820+/-0.010 χ^2/NDF : 126652.0/20

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.5/9

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

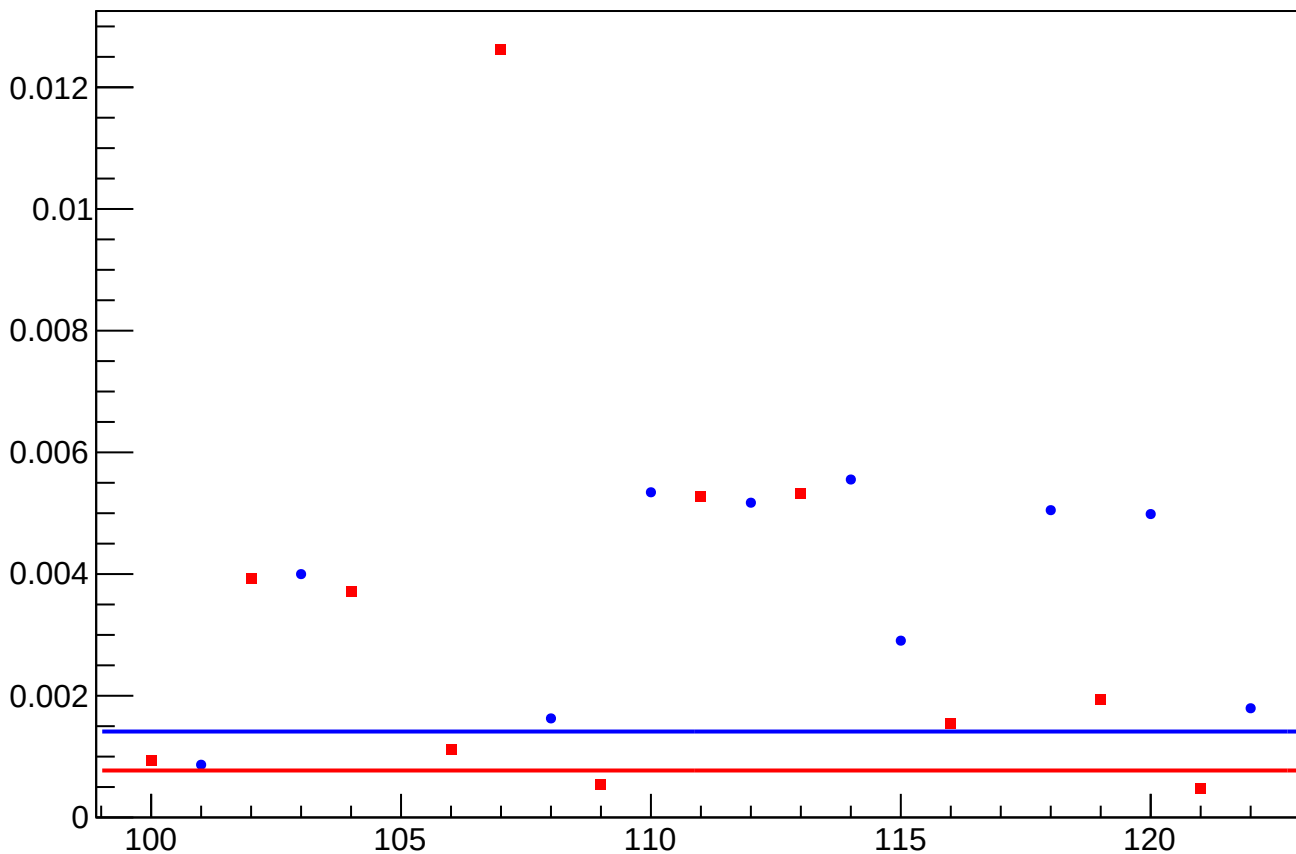
Right: -0.000+/-0.000 χ^2/NDF : 21.3/20

In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/20

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3117551.3/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 4008587.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

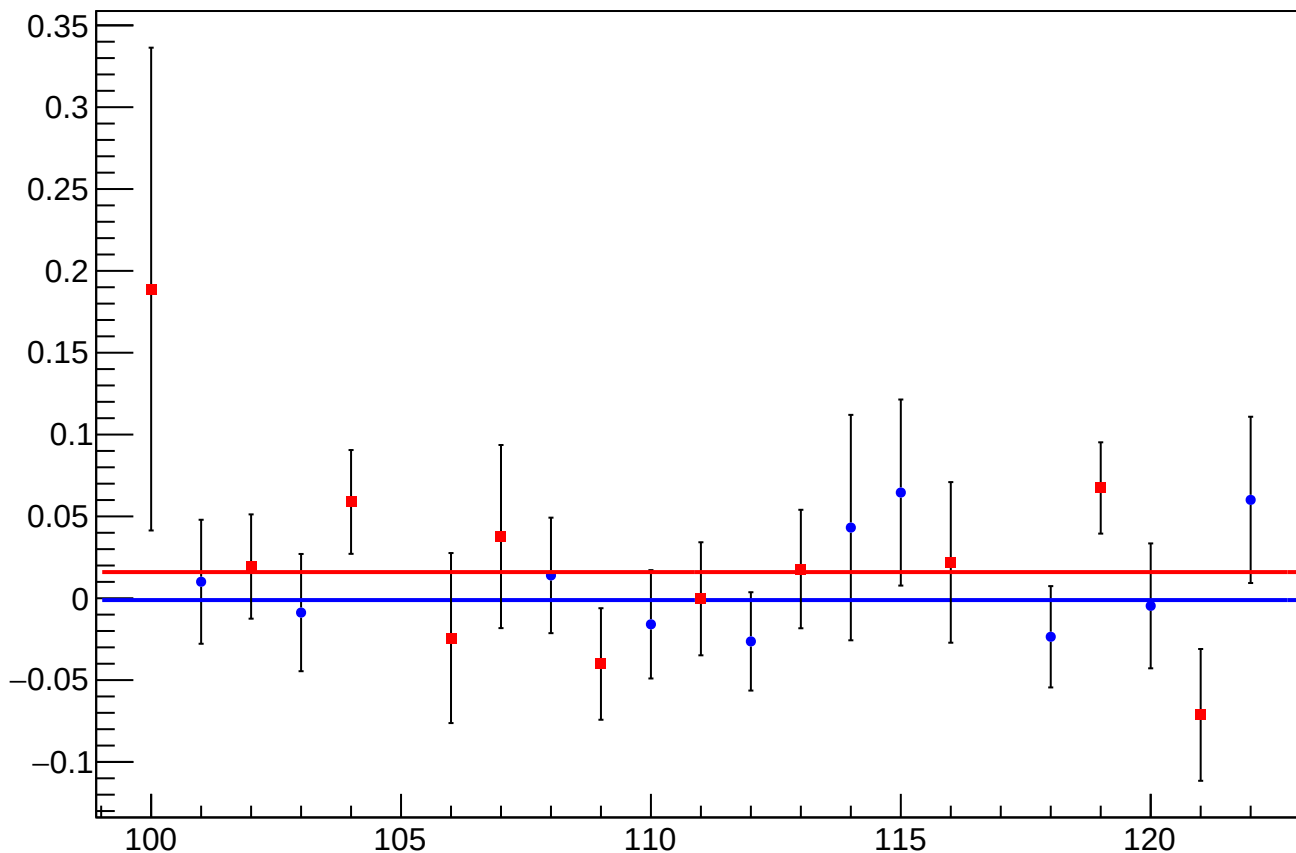
Right: 0.001+/-0.000 χ^2/NDF : 7844275.6/20

In: 0.001+/-0.000 χ^2/NDF : 3117551.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7844275.6/20

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.012 χ^2 /NDF: 5.0/9

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

Right Out: 0.016 $\pm$ 0.012 χ^2 /NDF: 15.0/10

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

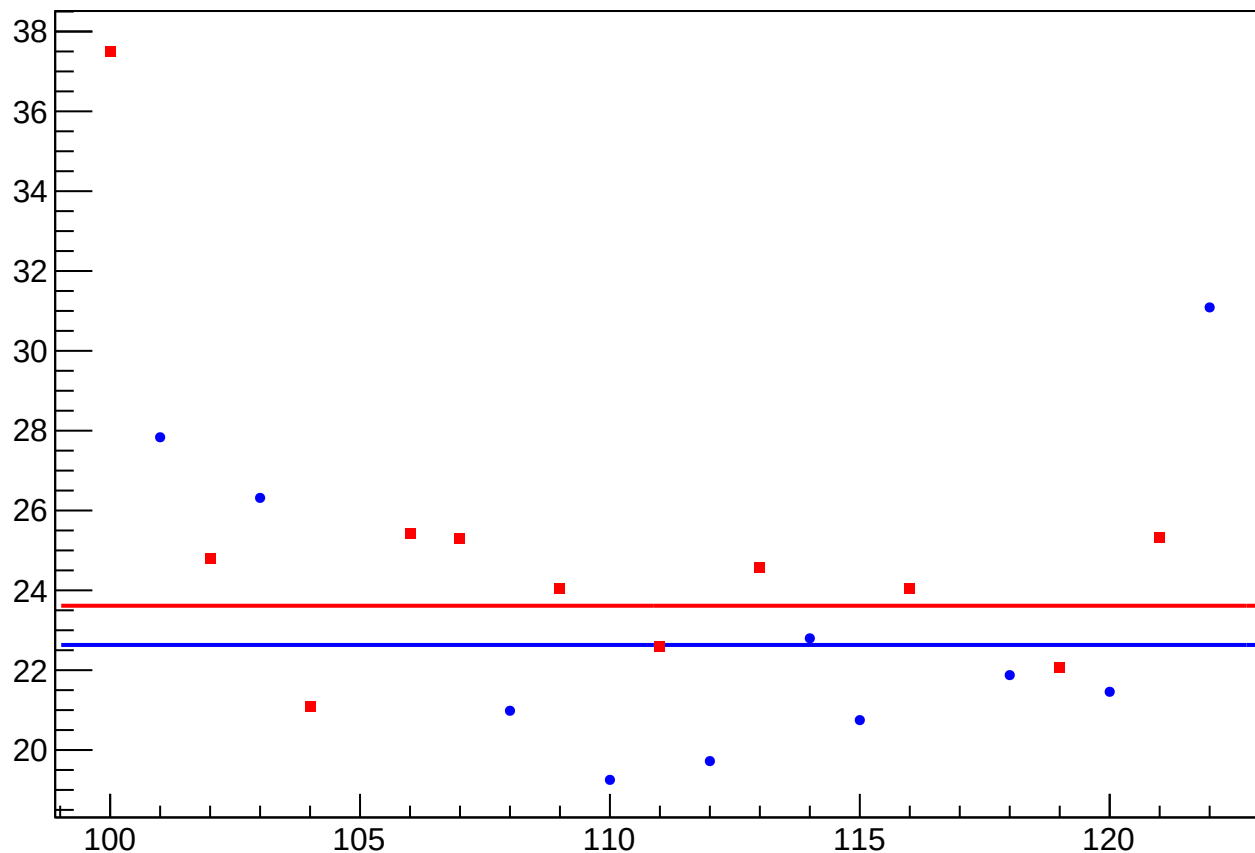
Right: 0.008 $\pm$ 0.008 χ^2 /NDF: 21.0/20

In: -0.001 $\pm$ 0.012 χ^2 /NDF:5.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 21.0/20

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.632+/-0.008 χ^2/NDF : 163614.0/9

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

Right Out: 23.614+/-0.008 χ^2/NDF : 50816.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

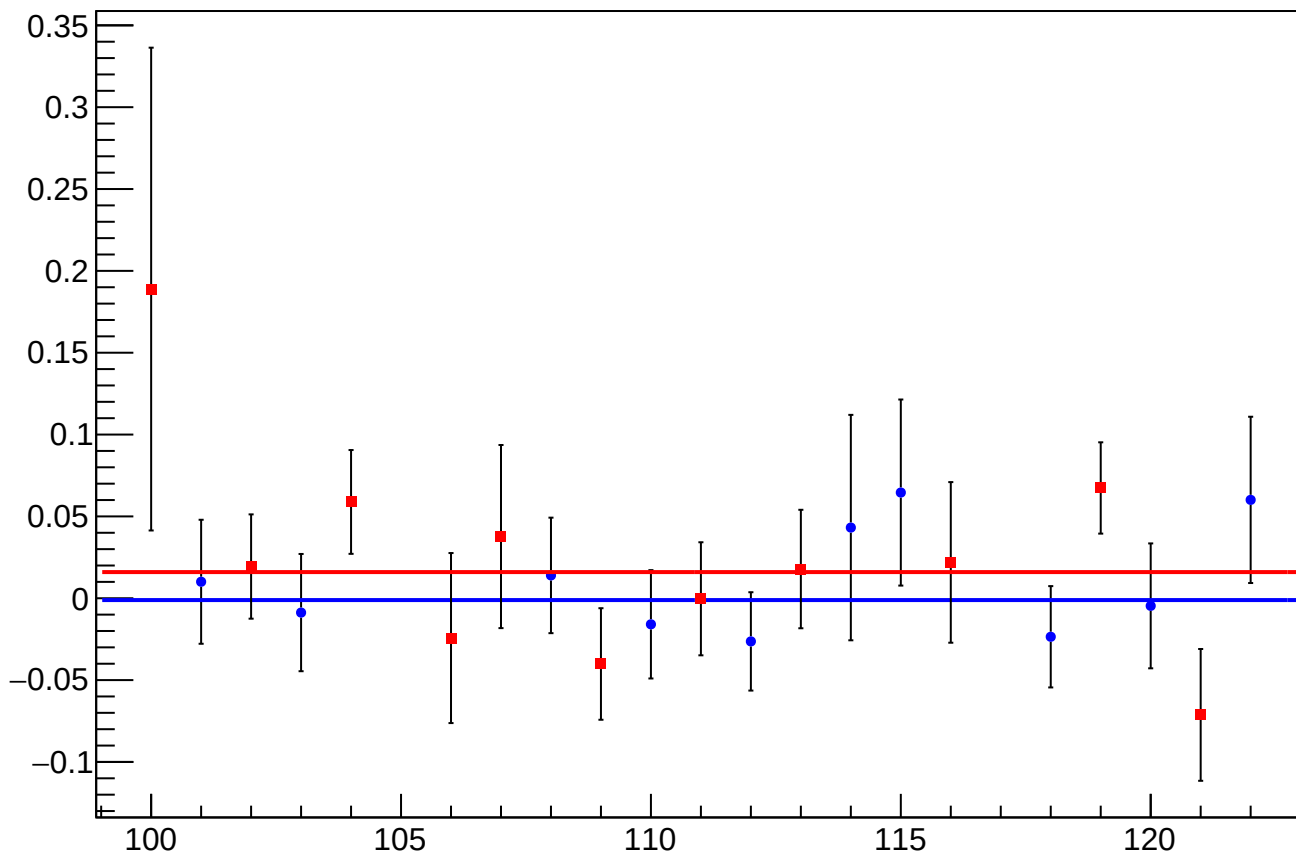
Right: 23.142+/-0.006 χ^2/NDF : 221383.5/20

In: 22.632+/-0.008 χ^2/NDF : 163614.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.142+/-0.006 χ^2/NDF : 221383.5/20

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.012 χ^2 /NDF: 5.0/9

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

Right Out: 0.016 $\pm$ 0.012 χ^2 /NDF: 15.0/10

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

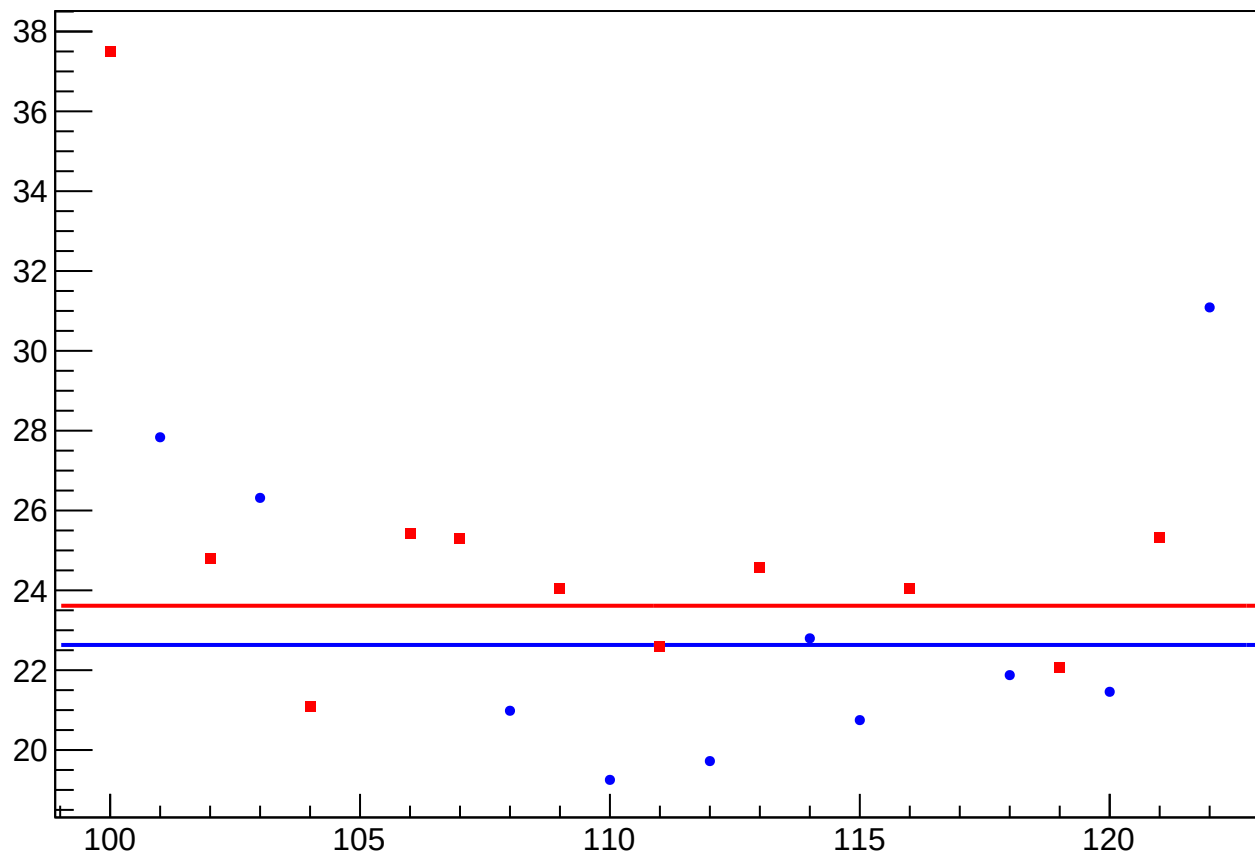
Right: 0.008 $\pm$ 0.008 χ^2 /NDF: 21.0/20

In: -0.001 $\pm$ 0.012 χ^2 /NDF:5.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 21.0/20

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.632 ± 0.008 χ^2/NDF : 163614.0/9

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

Right Out: 23.614 ± 0.008 χ^2/NDF : 50816.4/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

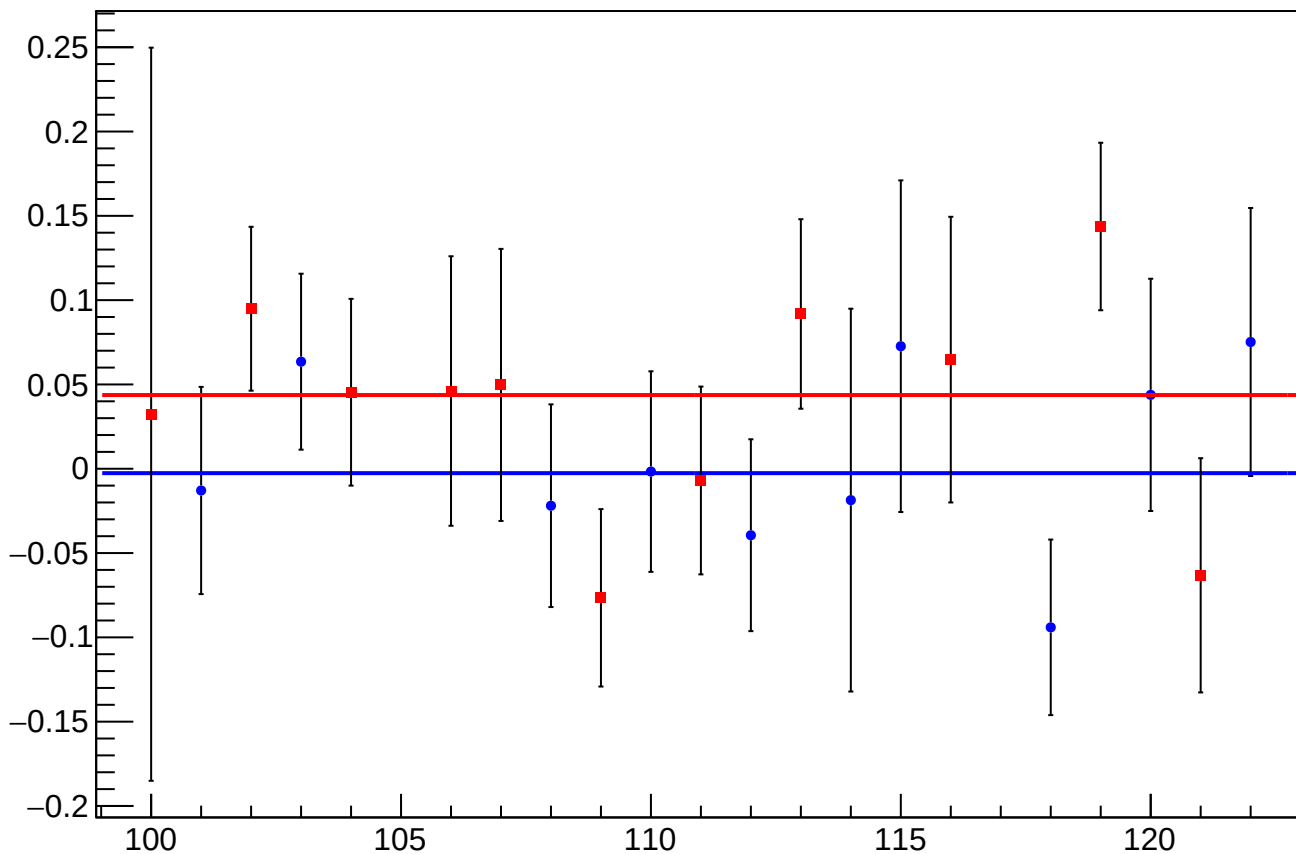
Right: 23.142 ± 0.006 χ^2/NDF : 221383.5/20

In: 22.632 ± 0.008 χ^2/NDF : 163614.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.142 ± 0.006 χ^2/NDF : 221383.5/20

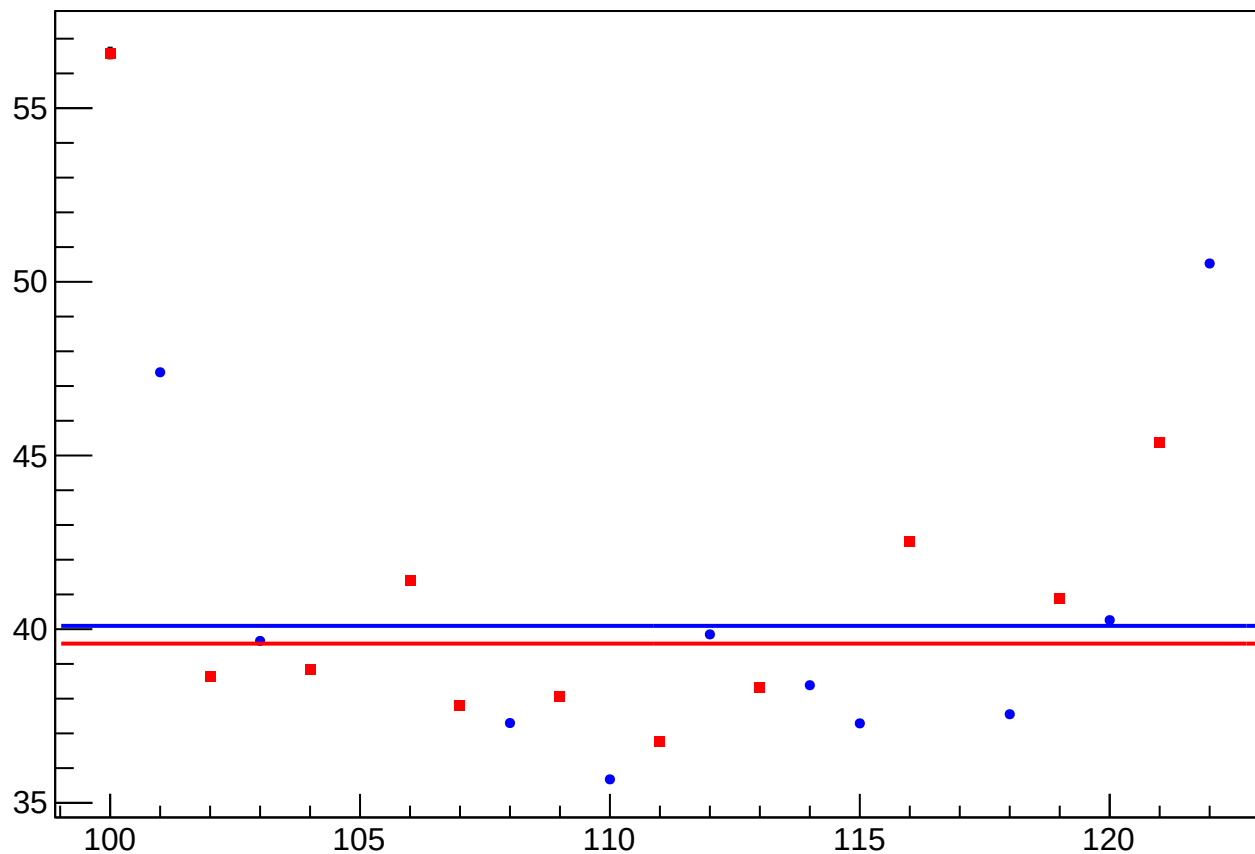
asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.020 χ^2/NDF : 7.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.044+/-0.019 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: 0.022+/-0.014 χ^2/NDF : 24.4/20
 In: -0.003+/-0.020 χ^2/NDF :7.3/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.022+/-0.014 χ^2/NDF : 24.4/20

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.096 $\pm$ 0.014 χ^2 /NDF: 85104.9/9

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

Right Out: 39.585 $\pm$ 0.013 χ^2 /NDF: 40864.9/10

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

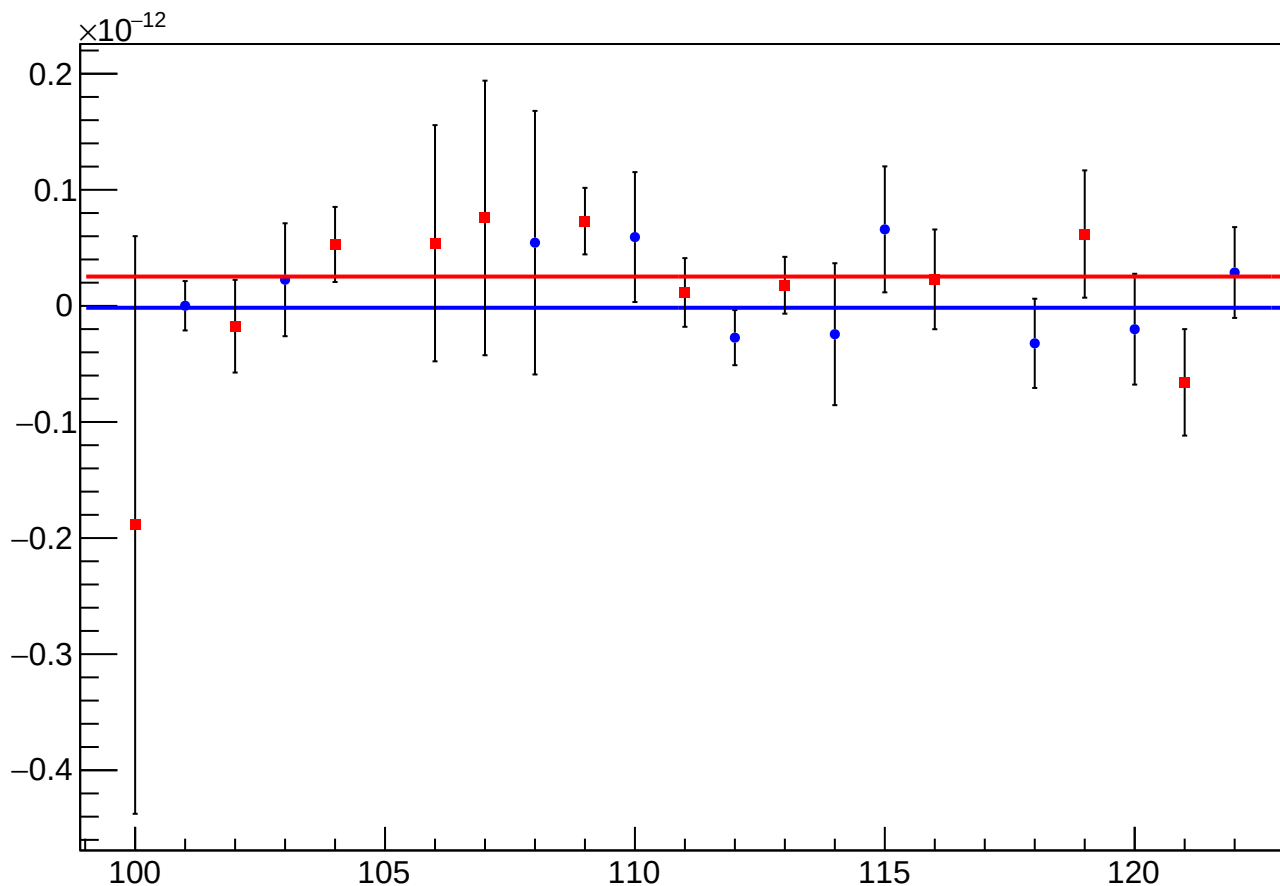
Right: 39.820 $\pm$ 0.010 χ^2 /NDF: 126651.4/20

In: 40.096 $\pm$ 0.014 χ^2 /NDF:85104.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.820 $\pm$ 0.010 χ^2 /NDF: 126651.4/20

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.9/9

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

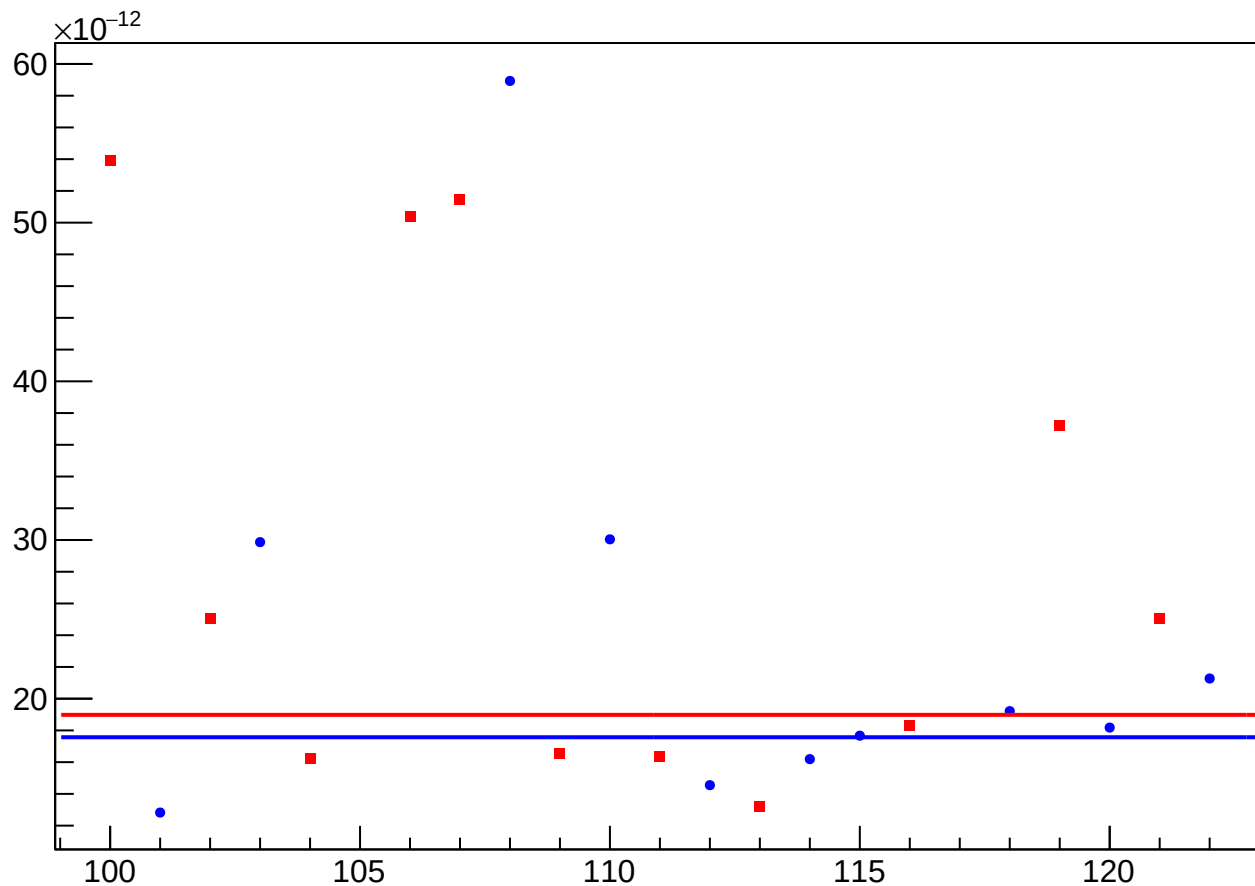
Right: 0.000+/-0.000 χ^2/NDF : 18.9/20

In: -0.000+/-0.000 χ^2/NDF :5.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.9/20

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 647533.8/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 839931.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

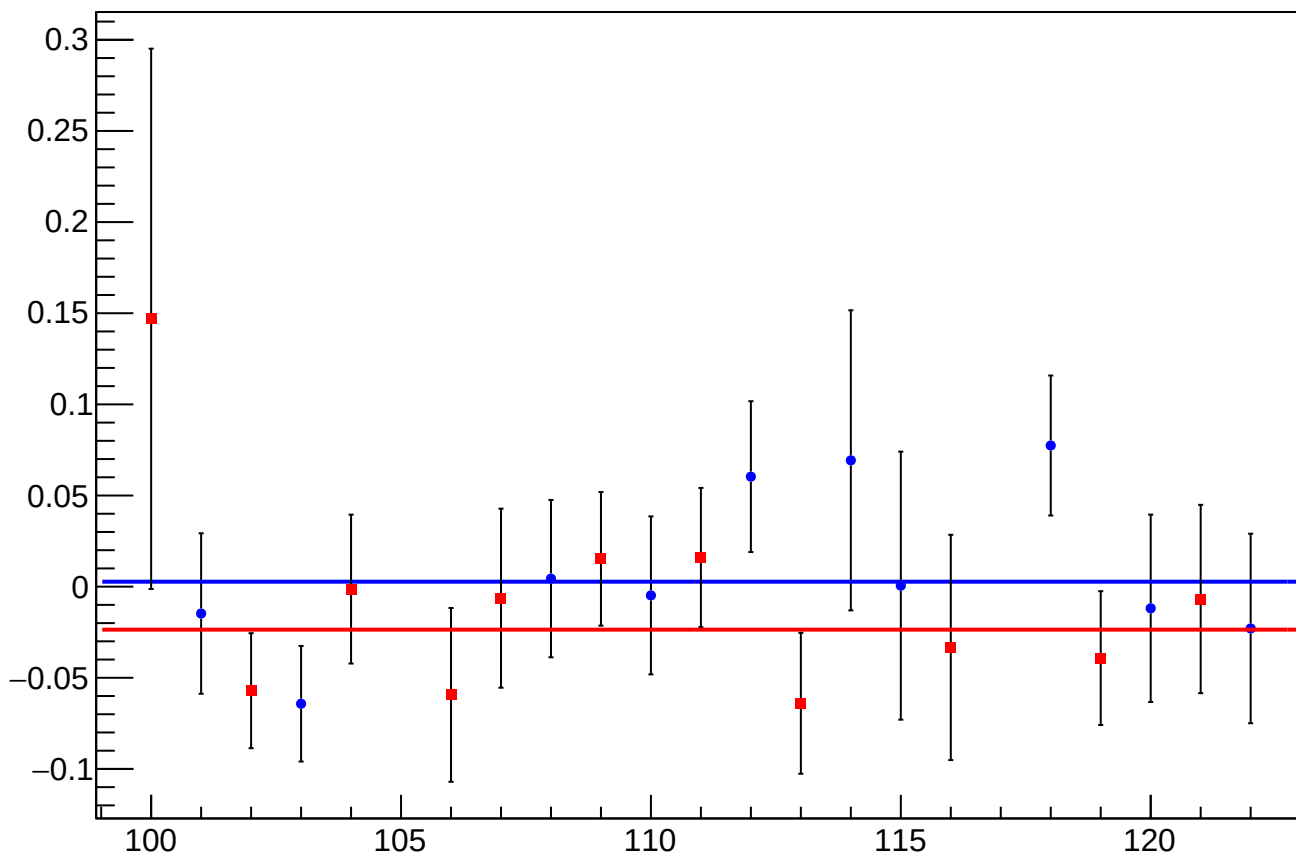
Right: 0.000+/-0.000 χ^2/NDF : 1501742.3/20

In: 0.000+/-0.000 χ^2/NDF :647533.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1501742.3/20

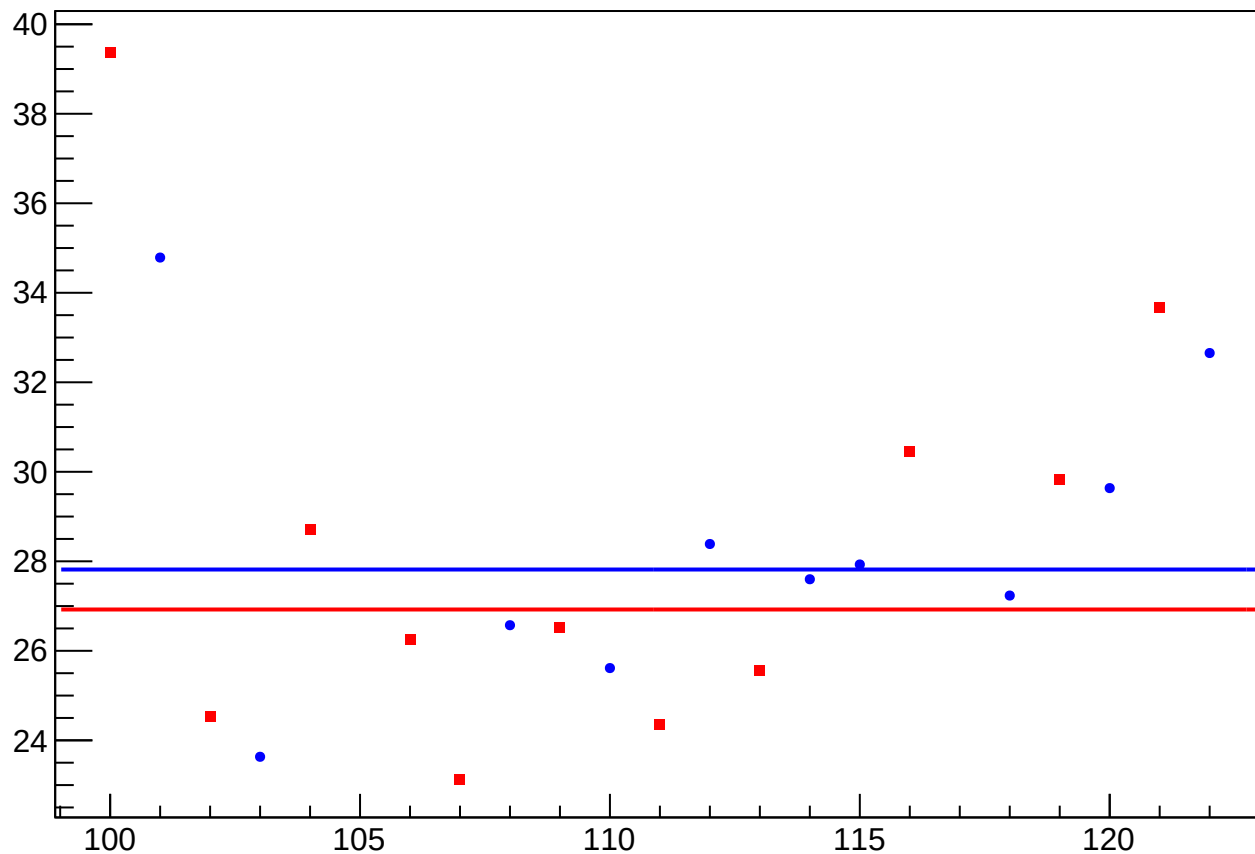
asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.014 χ^2/NDF : 11.4/9
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.024 $\pm$ 0.013 χ^2/NDF : 7.0/10
 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 $\pm$ 0.010 χ^2/NDF : 20.3/20
 In: 0.003 $\pm$ 0.014 χ^2/NDF : 11.4/9
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -0.012 $\pm$ 0.010 χ^2/NDF : 20.3/20

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.817+/-0.010 χ^2/NDF : 112460.8/9

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

Right Out: 26.923+/-0.009 χ^2/NDF : 106697.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

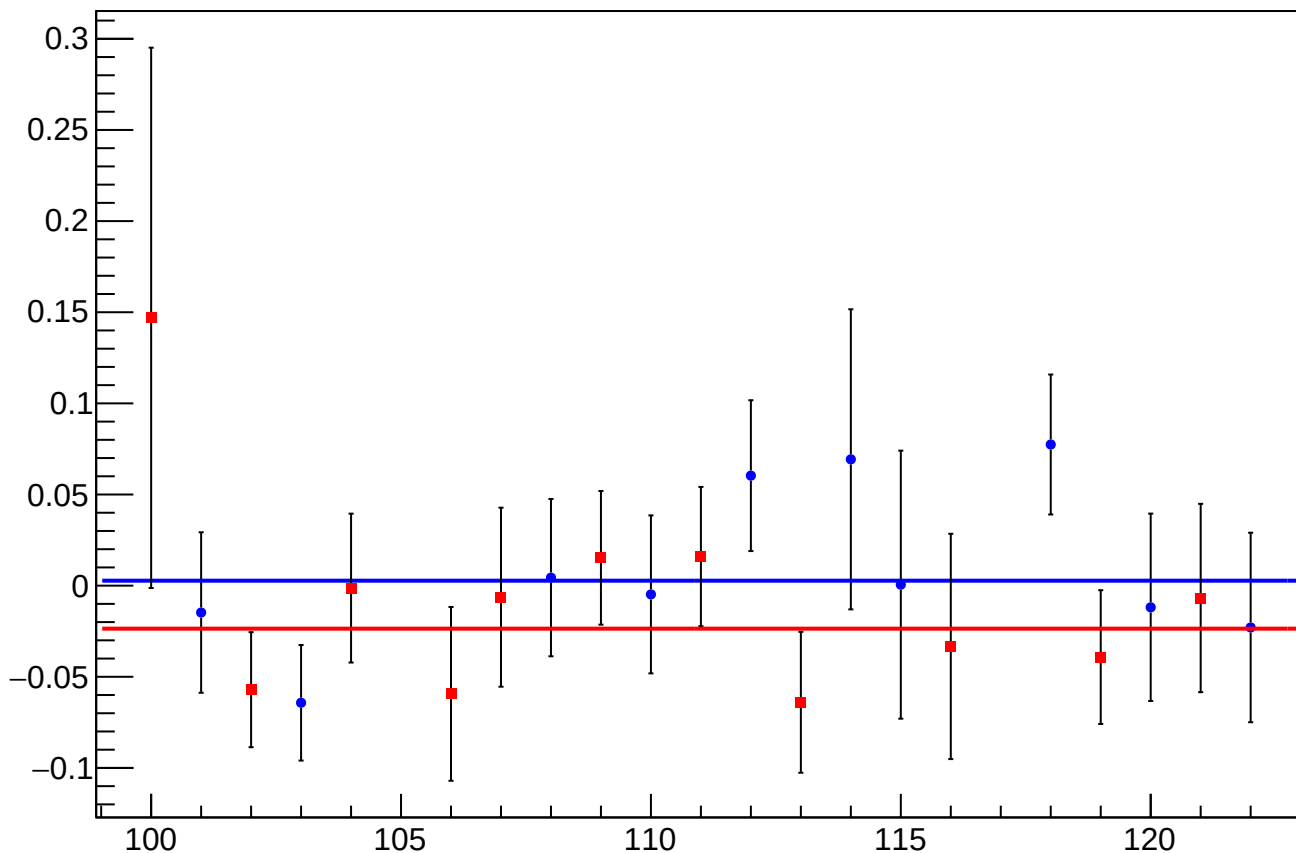
Right: 27.327+/-0.007 χ^2/NDF : 223468.8/20

In: 27.817+/-0.010 χ^2/NDF : 112460.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.327+/-0.007 χ^2/NDF : 223468.8/20

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.014 χ^2/NDF : 11.4/9

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

Right Out: -0.024+/-0.013 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

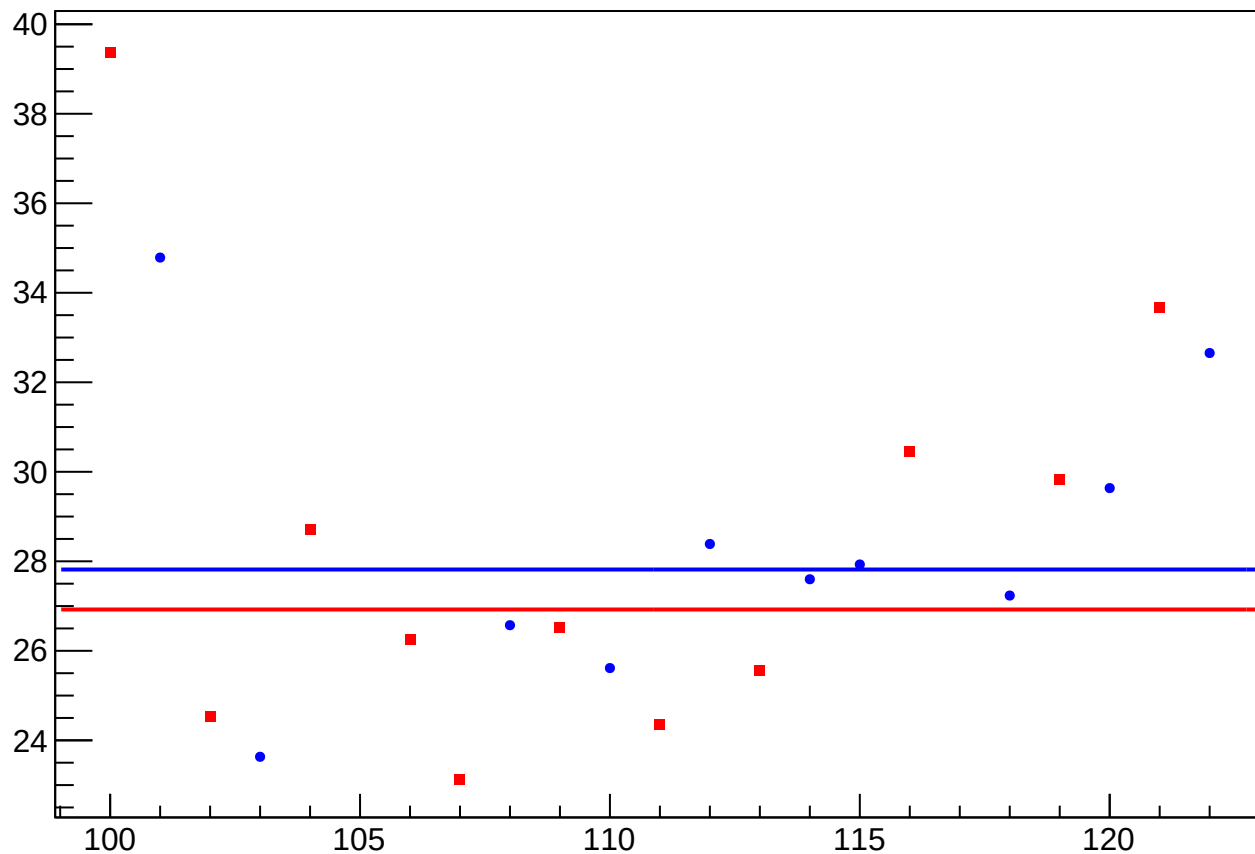
Right: -0.012+/-0.010 χ^2/NDF : 20.3/20

In: 0.003+/-0.014 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.010 χ^2/NDF : 20.3/20

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.817+/-0.010 χ^2/NDF : 112460.8/9

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

Right Out: 26.923+/-0.009 χ^2/NDF : 106697.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

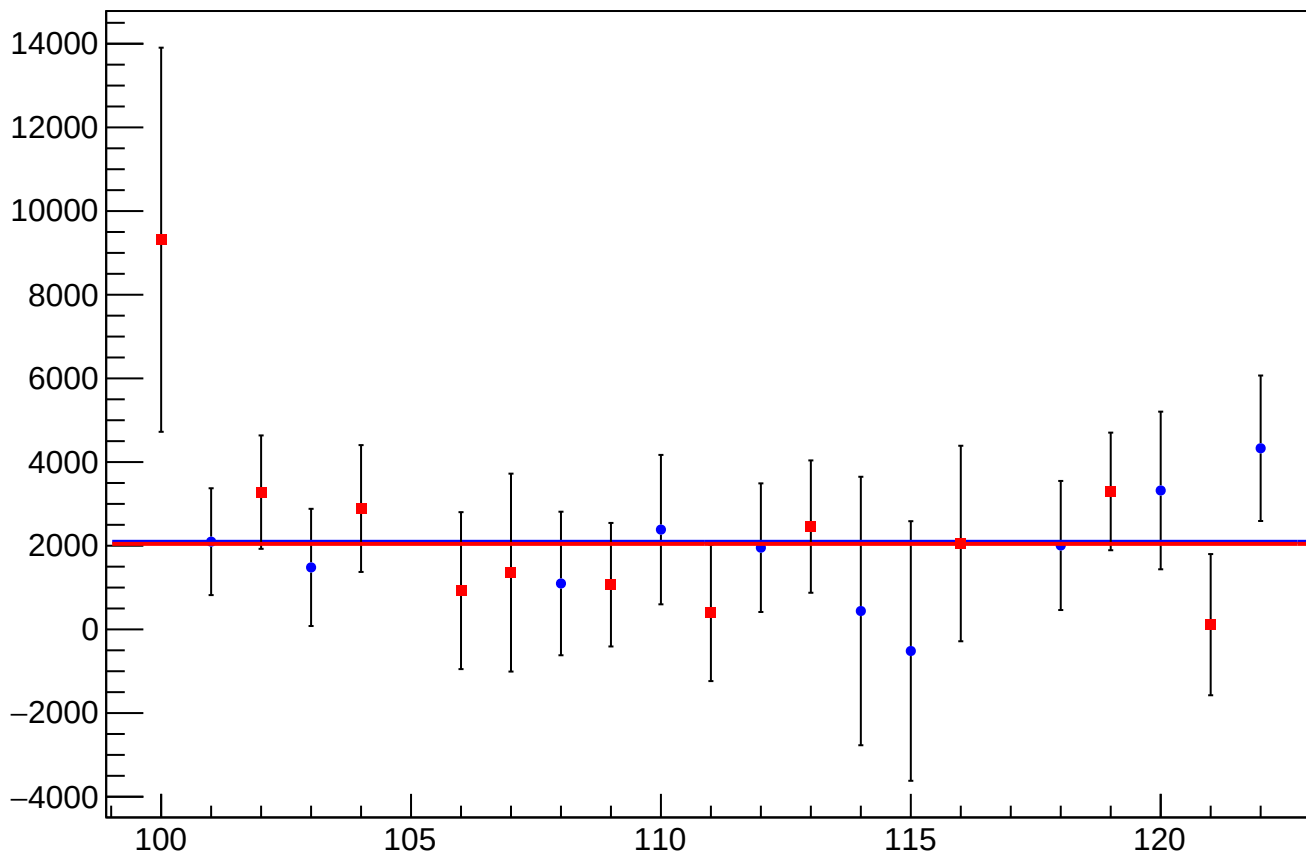
Right: 27.327+/-0.007 χ^2/NDF : 223468.8/20

In: 27.817+/-0.010 χ^2/NDF : 112460.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.327+/-0.007 χ^2/NDF : 223468.8/20

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 2093.857+/-539.732 χ^2/NDF : 3.6/9

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

Right Out: 2044.538+/-515.411 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

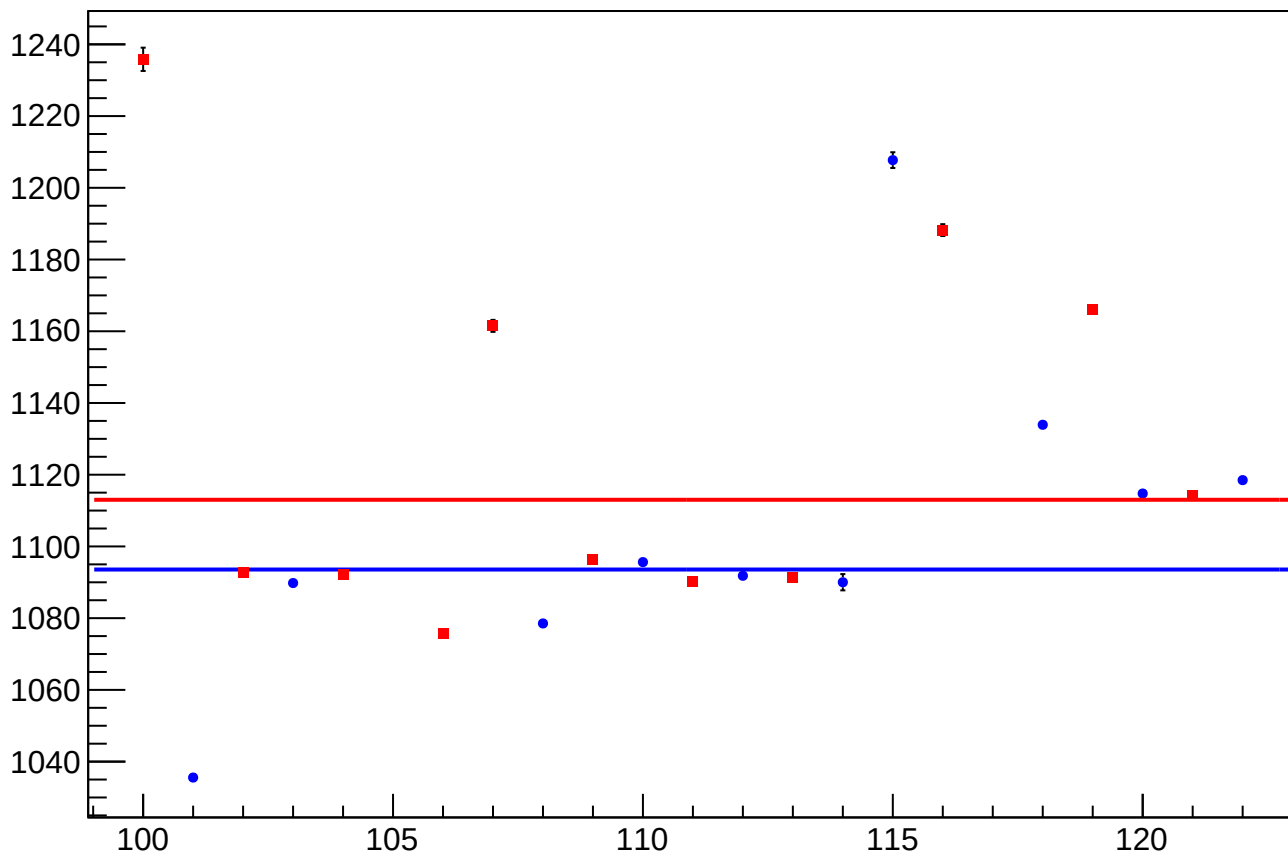
Right: 2068.061+/-372.752 χ^2/NDF : 11.3/20

In: 2093.857+/-539.732 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.061+/-372.752 χ^2/NDF : 11.3/20

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.562+/-0.382 χ^2/NDF : 9041.9/9

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

Right Out: 1113.009+/-0.364 χ^2/NDF : 9817.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

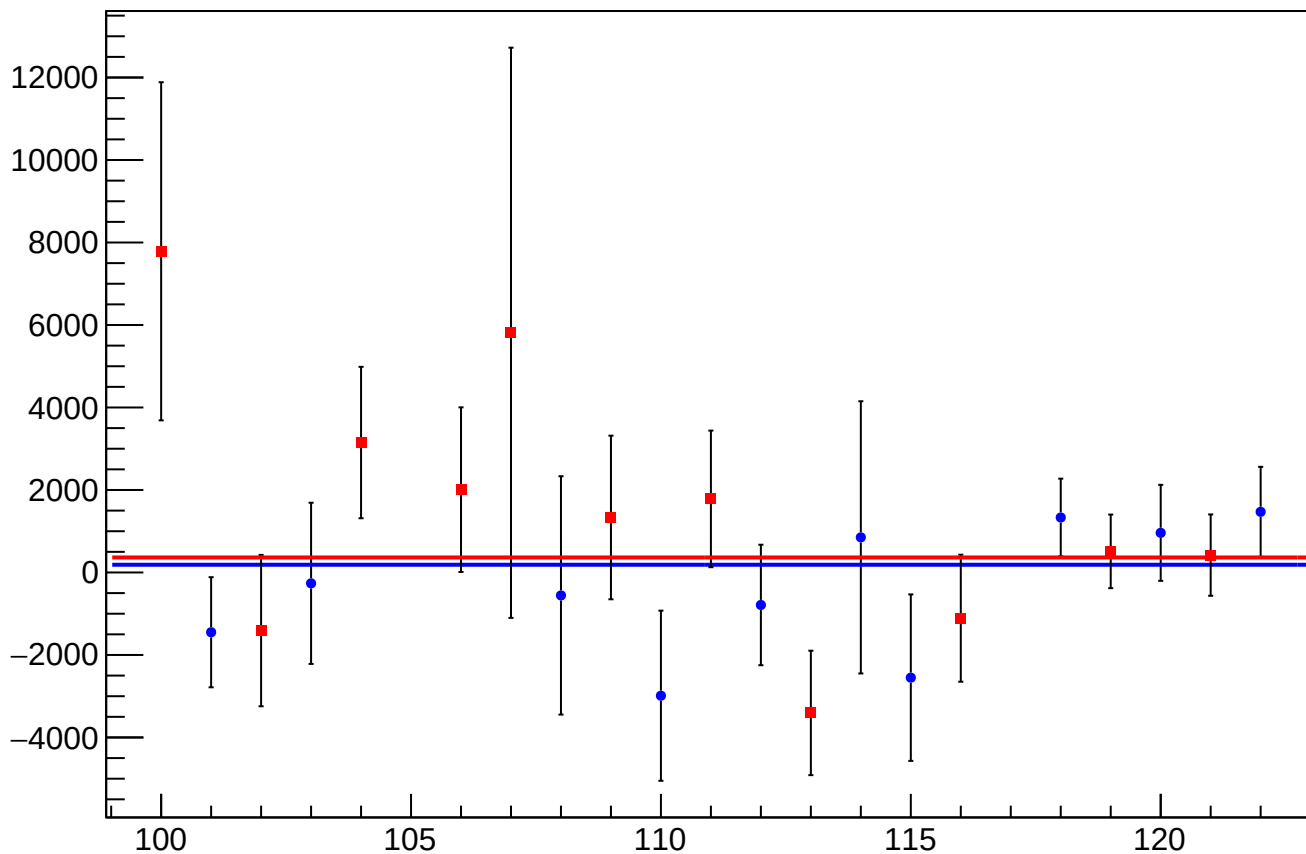
Right: 1103.734+/-0.264 χ^2/NDF : 20216.9/20

In: 1093.562+/-0.382 χ^2/NDF : 9041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.734+/-0.264 χ^2/NDF : 20216.9/20

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: 187.345+/-461.759 χ^2/NDF : 9.6/9

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

Right Out: 363.873+/-461.706 χ^2/NDF : 16.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

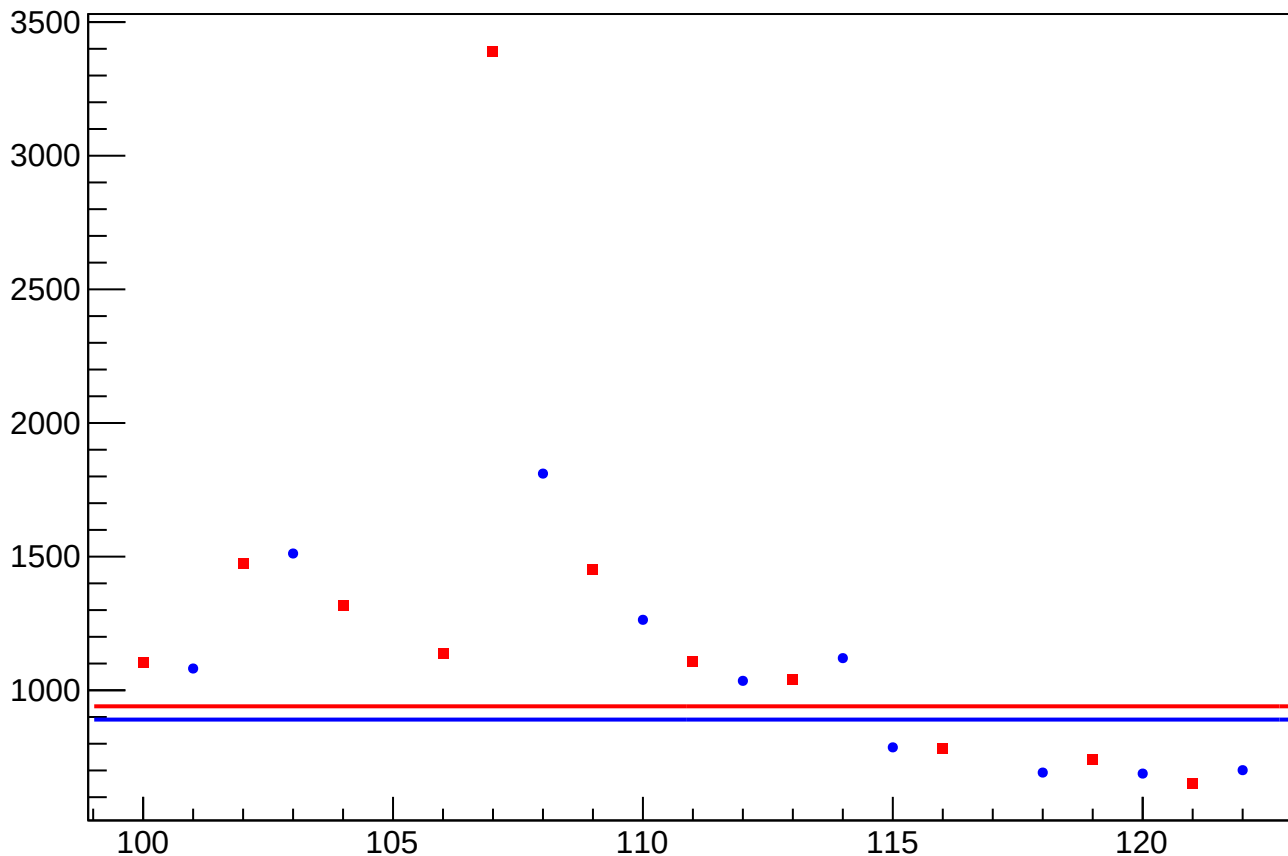
Right: 275.619+/-326.494 χ^2/NDF : 25.7/20

In: 187.345+/-461.759 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.619+/-326.494 χ^2/NDF : 25.7/20

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 890.329+/-0.327 χ^2/NDF : 755405.1/9

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

Right Out: 939.984+/-0.326 χ^2/NDF : 984056.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

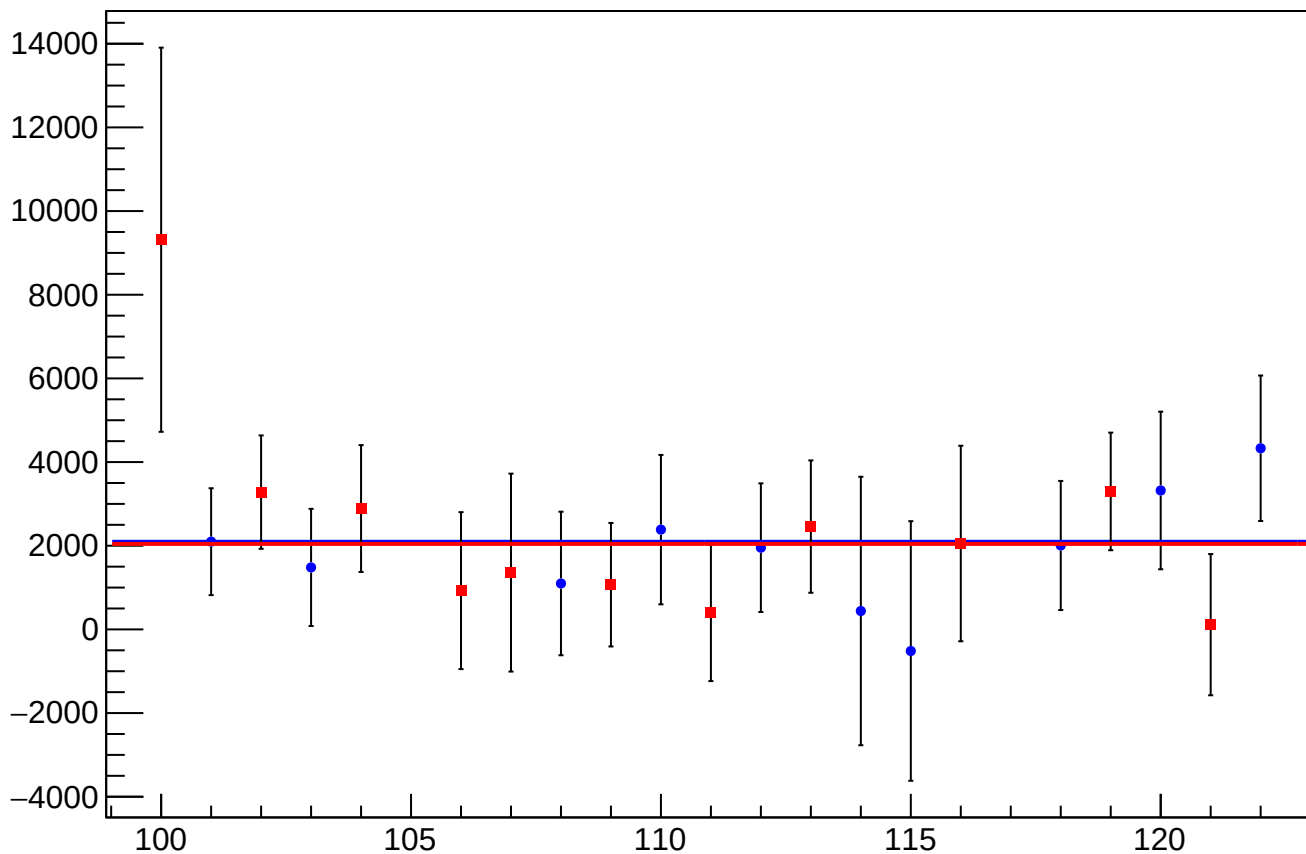
Right: 915.159+/-0.231 χ^2/NDF : 1751026.7/20

In: 890.329+/-0.327 χ^2/NDF : 755405.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.159+/-0.231 χ^2/NDF : 1751026.7/20

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2093.857+/-539.732 χ^2/NDF : 3.6/9

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

Right Out: 2044.538+/-515.411 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

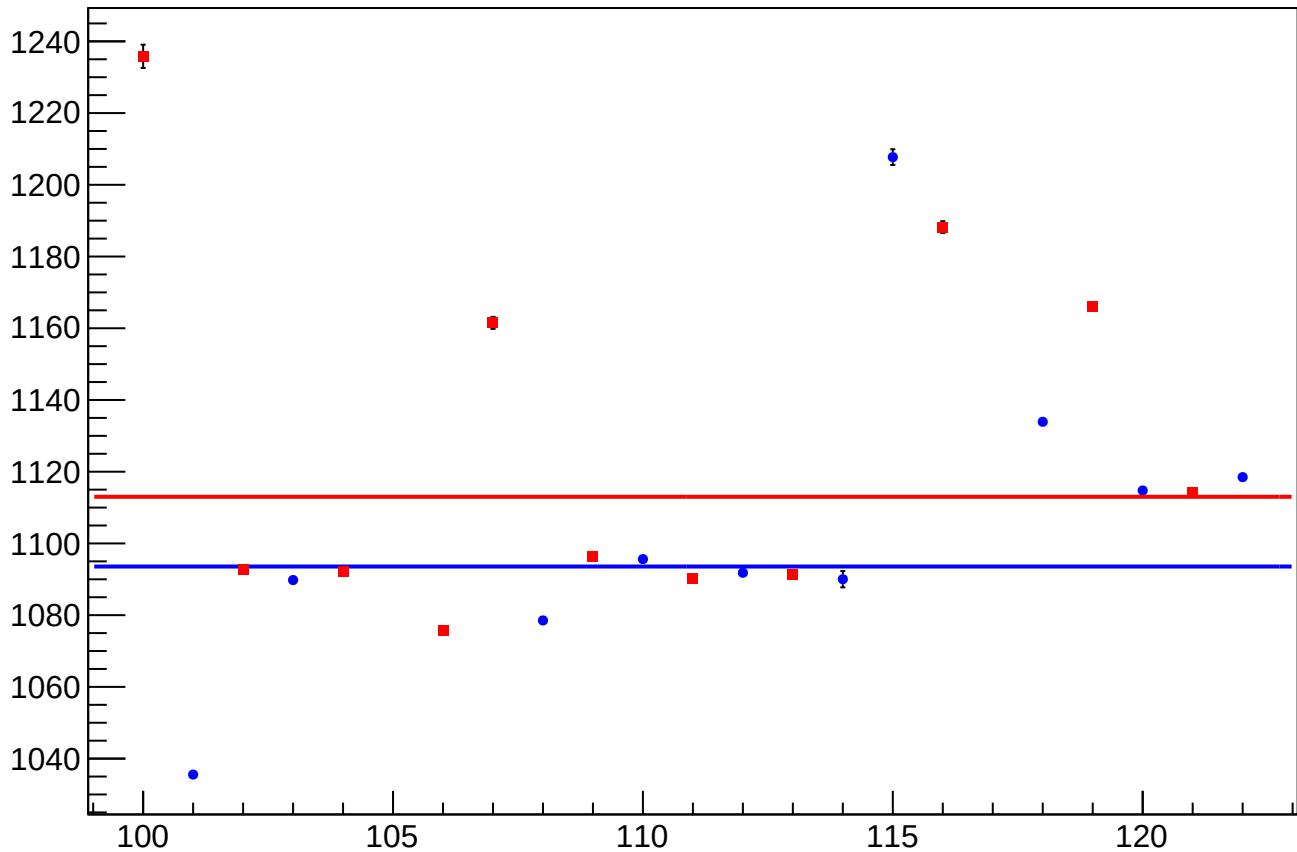
Right: 2068.061+/-372.752 χ^2/NDF : 11.3/20

In: 2093.857+/-539.732 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.061+/-372.752 χ^2/NDF : 11.3/20

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.562+/-0.382 χ^2/NDF : 9041.9/9

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

Right Out: 1113.009+/-0.364 χ^2/NDF : 9817.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

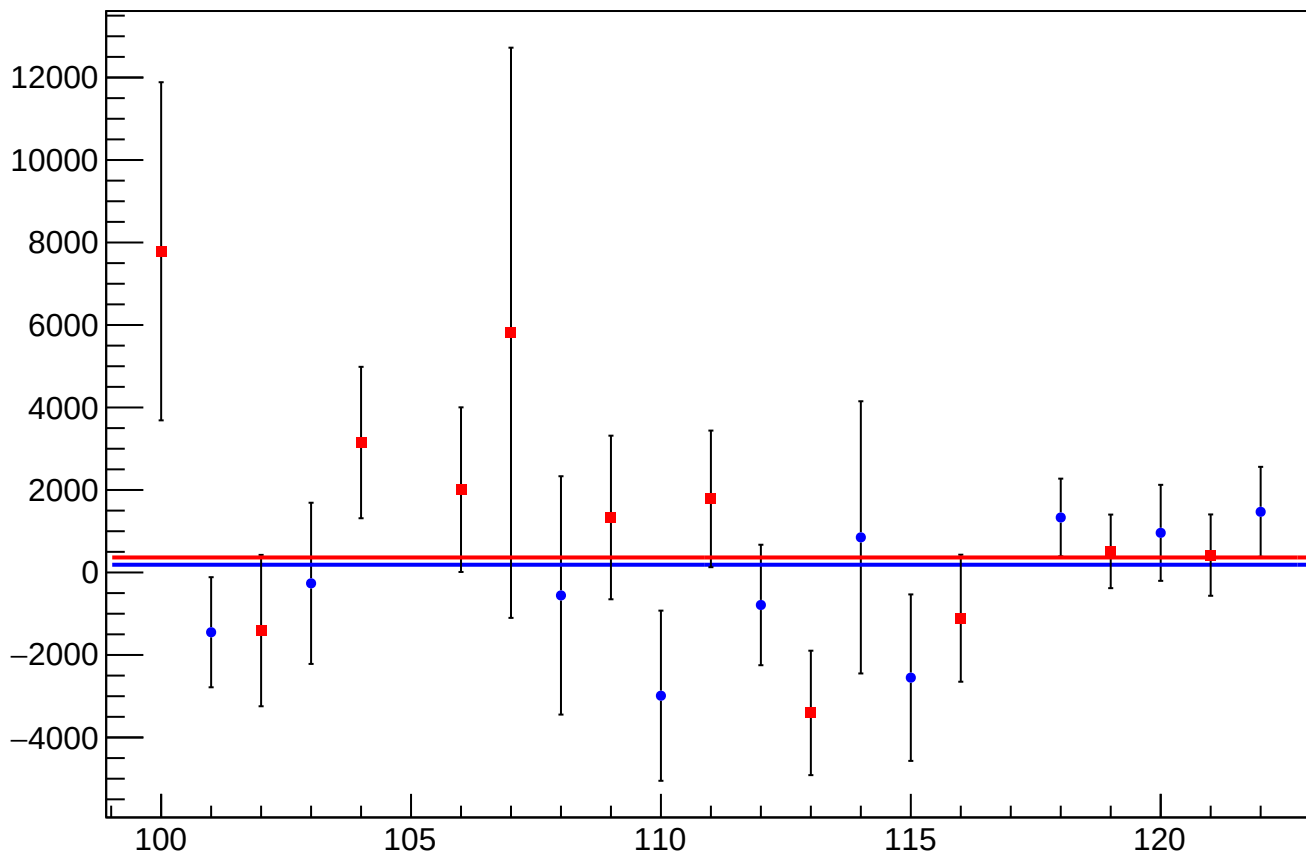
Right: 1103.734+/-0.264 χ^2/NDF : 20216.9/20

In: 1093.562+/-0.382 χ^2/NDF : 9041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.734+/-0.264 χ^2/NDF : 20216.9/20

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: 187.345+/-461.759 χ^2/NDF : 9.6/9

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

Right Out: 363.873+/-461.706 χ^2/NDF : 16.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

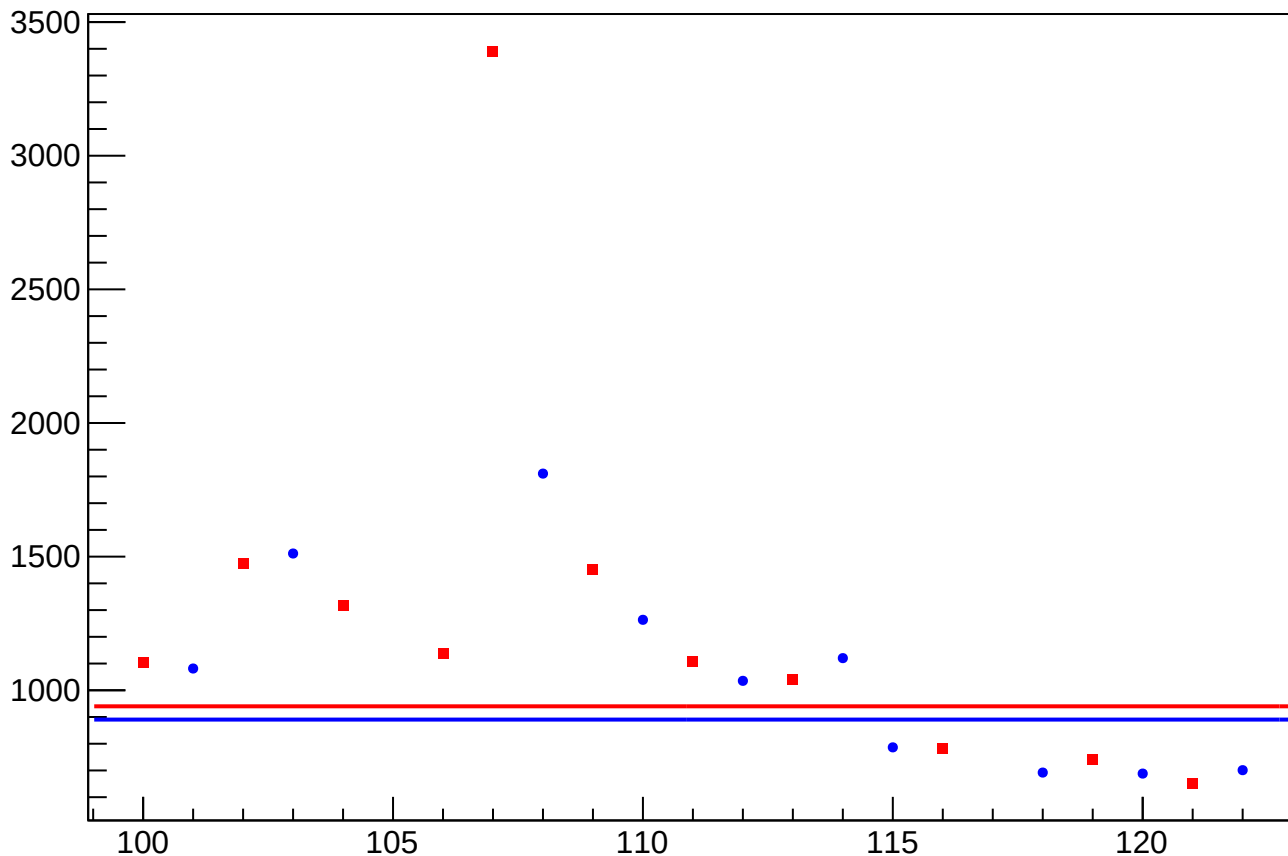
Right: 275.619+/-326.494 χ^2/NDF : 25.7/20

In: 187.345+/-461.759 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.619+/-326.494 χ^2/NDF : 25.7/20

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 890.329+/-0.327 χ^2/NDF : 755405.1/9

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

Right Out: 939.984+/-0.326 χ^2/NDF : 984056.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

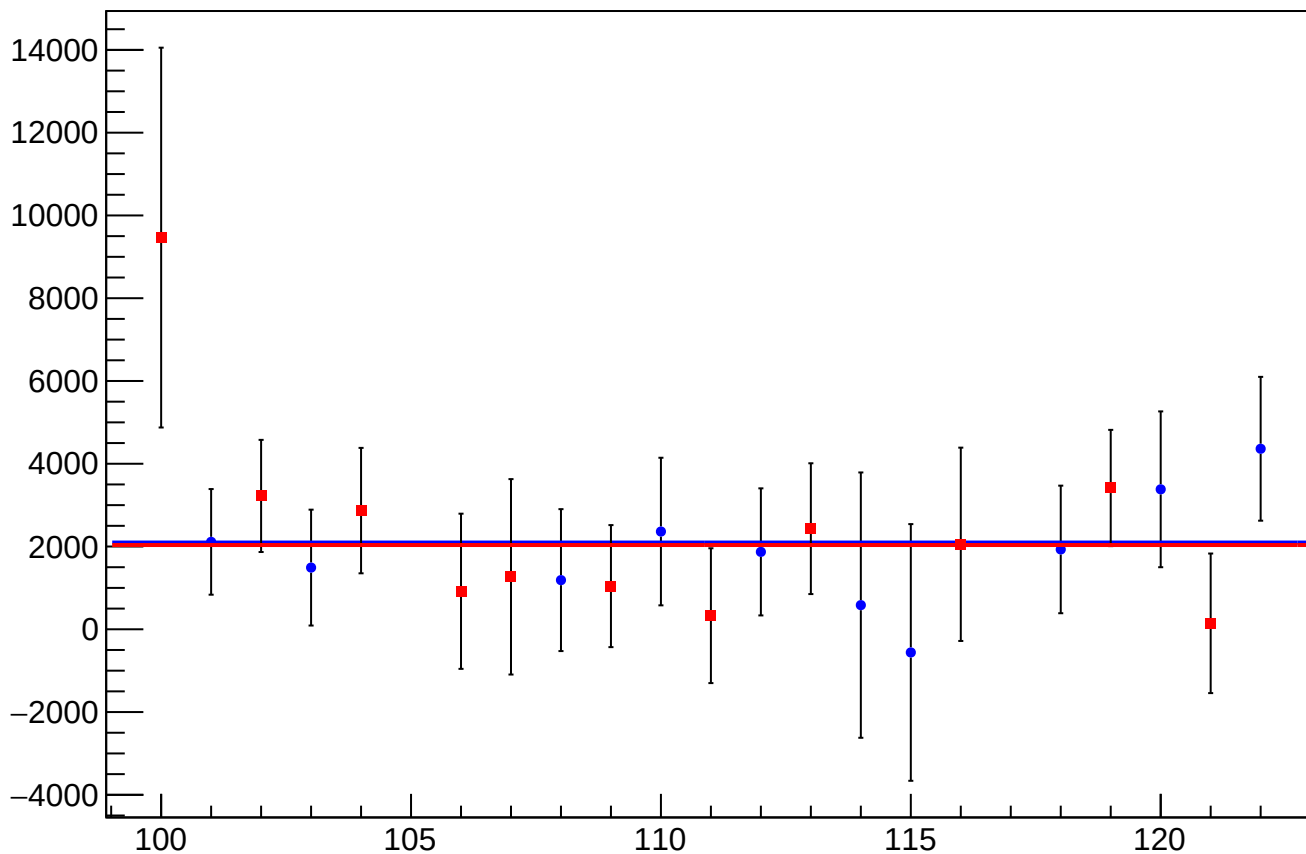
Right: 915.159+/-0.231 χ^2/NDF : 1751026.7/20

In: 890.329+/-0.327 χ^2/NDF : 755405.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.159+/-0.231 χ^2/NDF : 1751026.7/20

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2096.059+/-539.307 χ^2/NDF : 3.6/9

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

Right Out: 2036.157+/-514.979 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

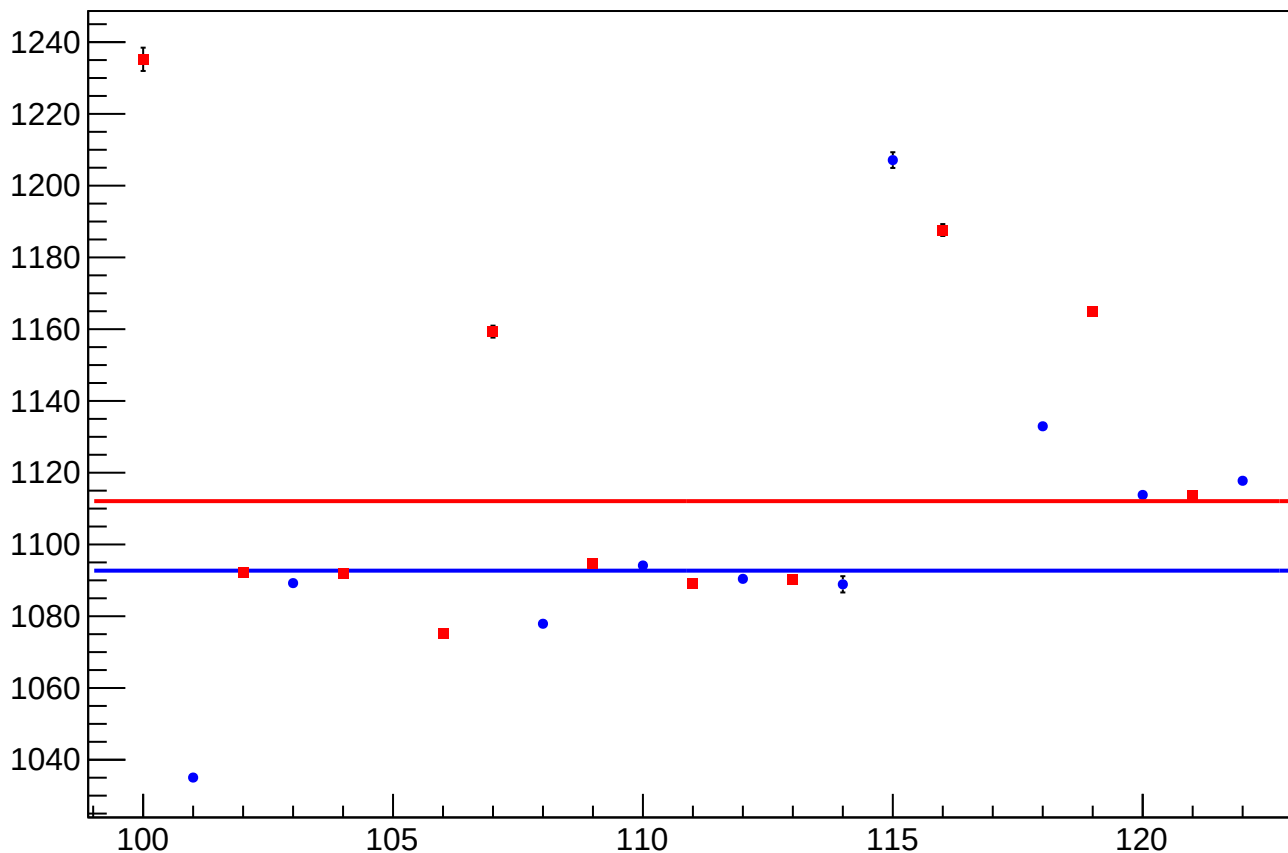
Right: 2064.726+/-372.449 χ^2/NDF : 11.6/20

In: 2096.059+/-539.307 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.726+/-372.449 χ^2/NDF : 11.6/20

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1092.702+/-0.381 χ^2/NDF : 9003.2/9

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

Right Out: 1112.077+/-0.364 χ^2/NDF : 9784.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

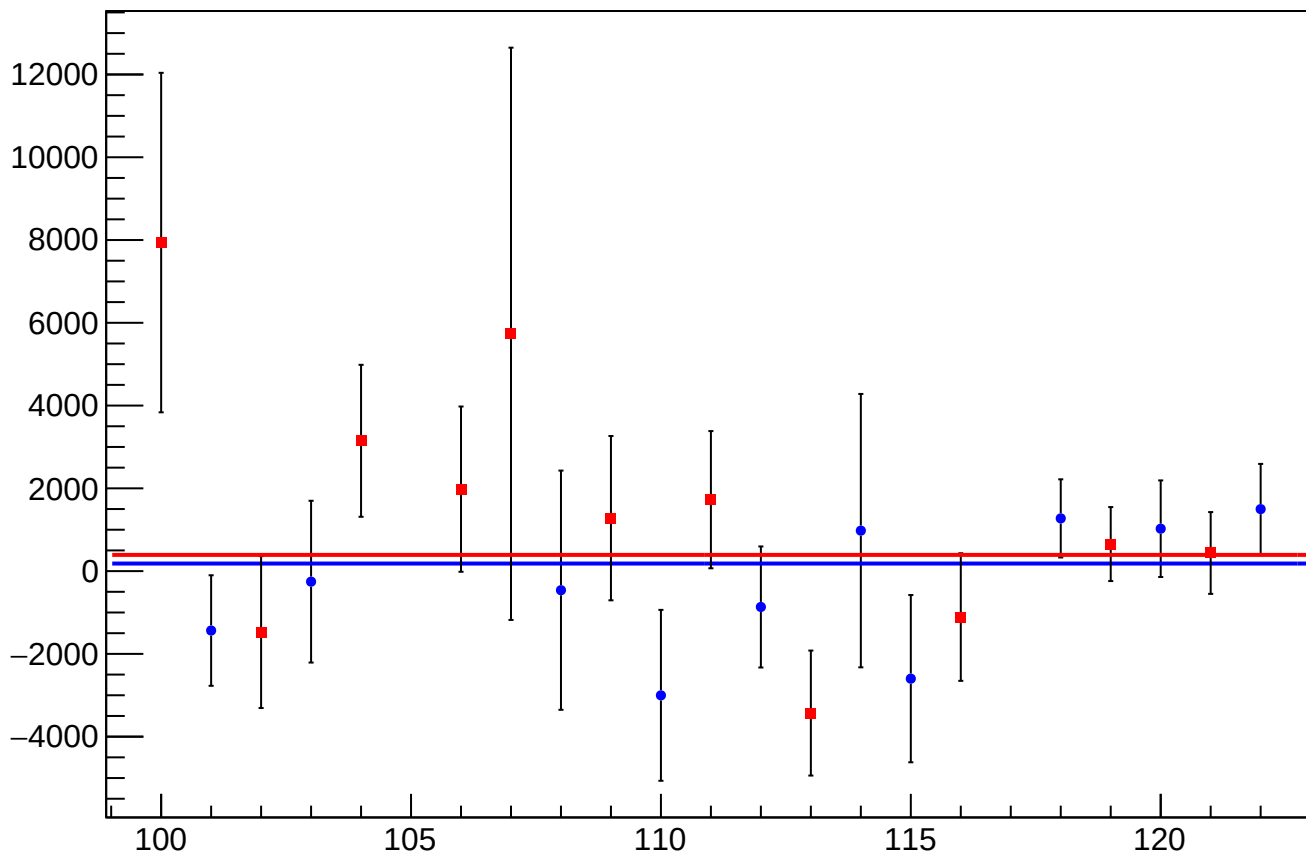
Right: 1102.836+/-0.263 χ^2/NDF : 20137.8/20

In: 1092.702+/-0.381 χ^2/NDF : 9003.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.836+/-0.263 χ^2/NDF : 20137.8/20

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 182.749+/-462.477 χ^2/NDF : 9.7/9

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

Right Out: 391.919+/-462.377 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

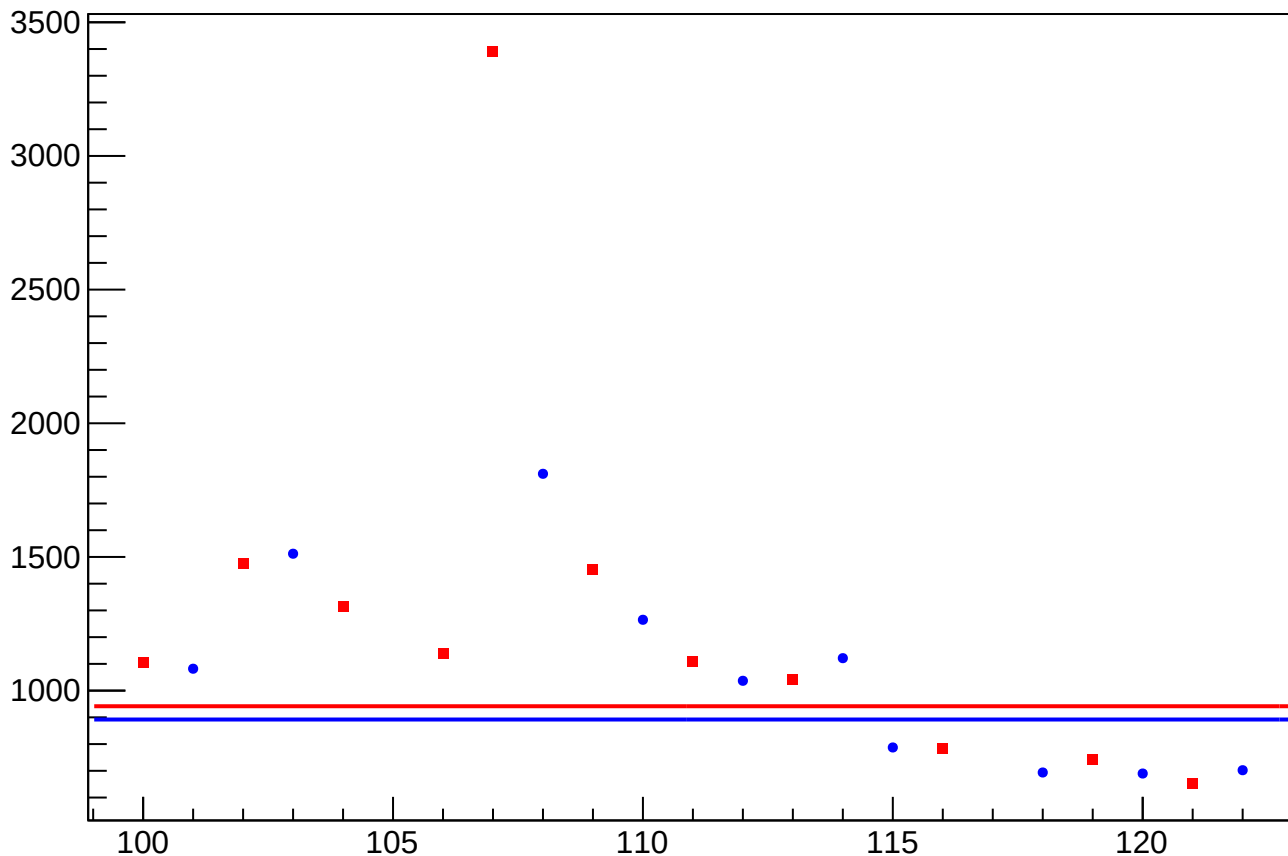
Right: 287.356+/-326.985 χ^2/NDF : 26.0/20

In: 182.749+/-462.477 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.356+/-326.985 χ^2/NDF : 26.0/20

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 891.893+/-0.327 χ^2/NDF : 752463.3/9

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

Right Out: 941.560+/-0.327 χ^2/NDF : 980604.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

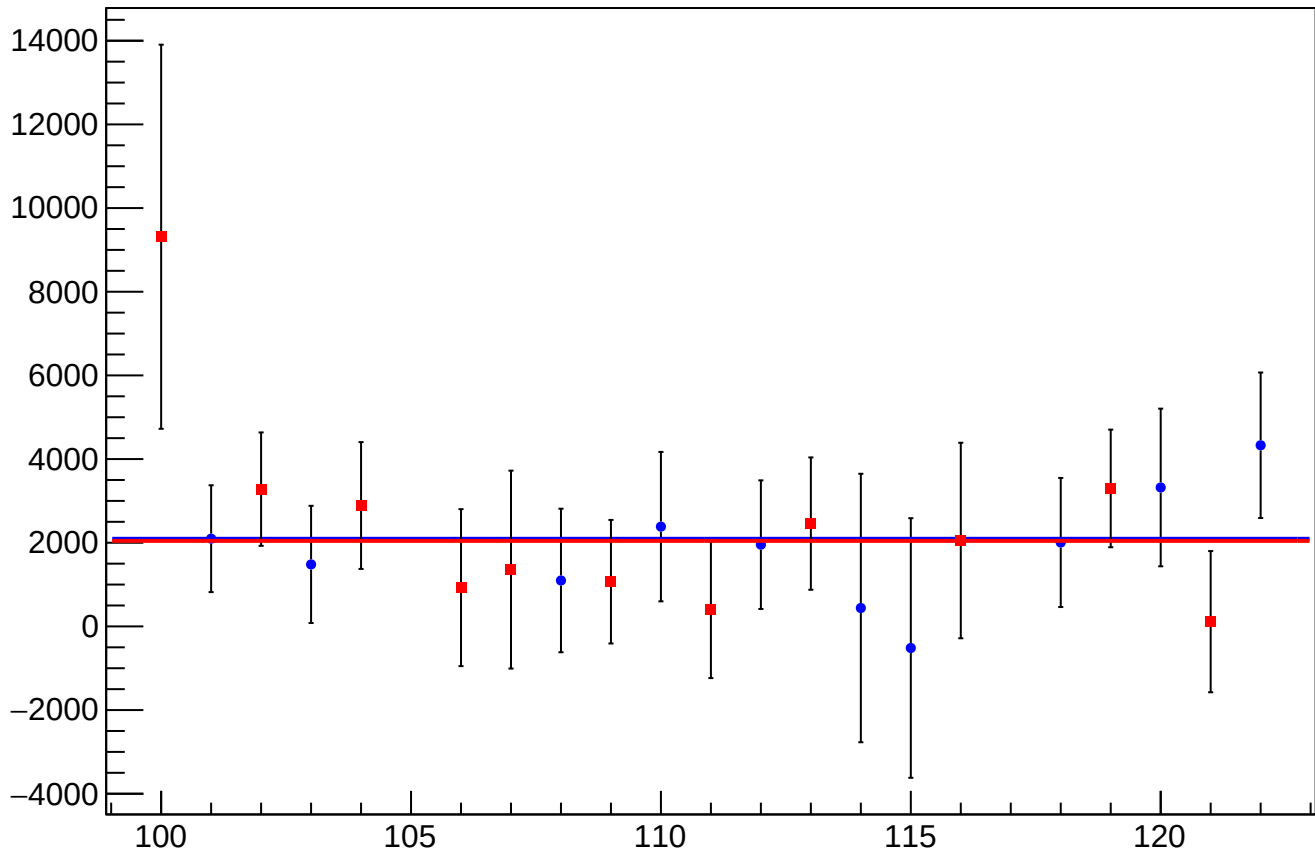
Right: 916.732+/-0.231 χ^2/NDF : 1744603.6/20

In: 891.893+/-0.327 χ^2/NDF : 752463.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.732+/-0.231 χ^2/NDF : 1744603.6/20

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2093.857+/-539.732 χ^2/NDF : 3.6/9

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

Right Out: 2044.538+/-515.411 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

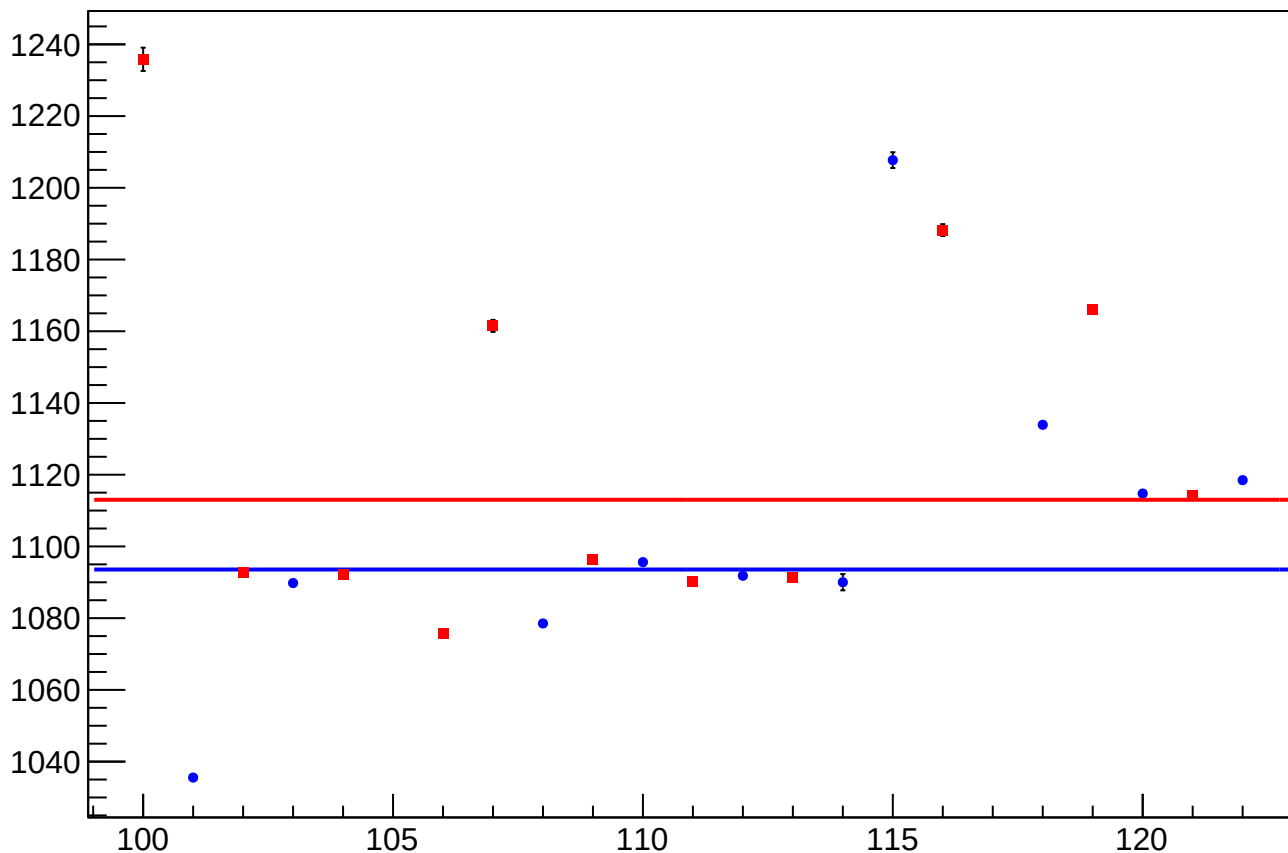
Right: 2068.061+/-372.752 χ^2/NDF : 11.3/20

In: 2093.857+/-539.732 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.061+/-372.752 χ^2/NDF : 11.3/20

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.562+/-0.382 χ^2/NDF : 9041.9/9

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

Right Out: 1113.009+/-0.364 χ^2/NDF : 9817.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

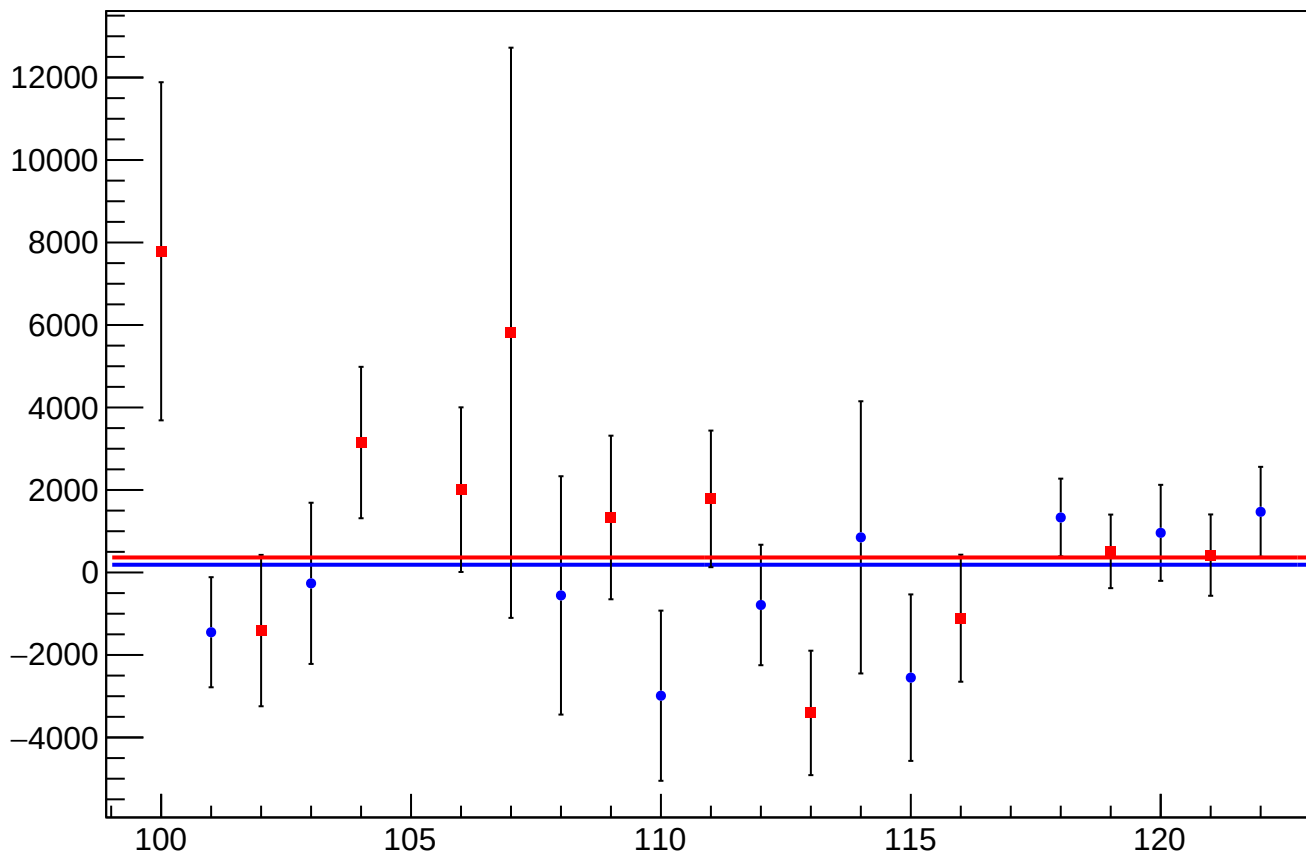
Right: 1103.734+/-0.264 χ^2/NDF : 20216.9/20

In: 1093.562+/-0.382 χ^2/NDF : 9041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.734+/-0.264 χ^2/NDF : 20216.9/20

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 187.345+/-461.759 χ^2/NDF : 9.6/9

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

Right Out: 363.873+/-461.706 χ^2/NDF : 16.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

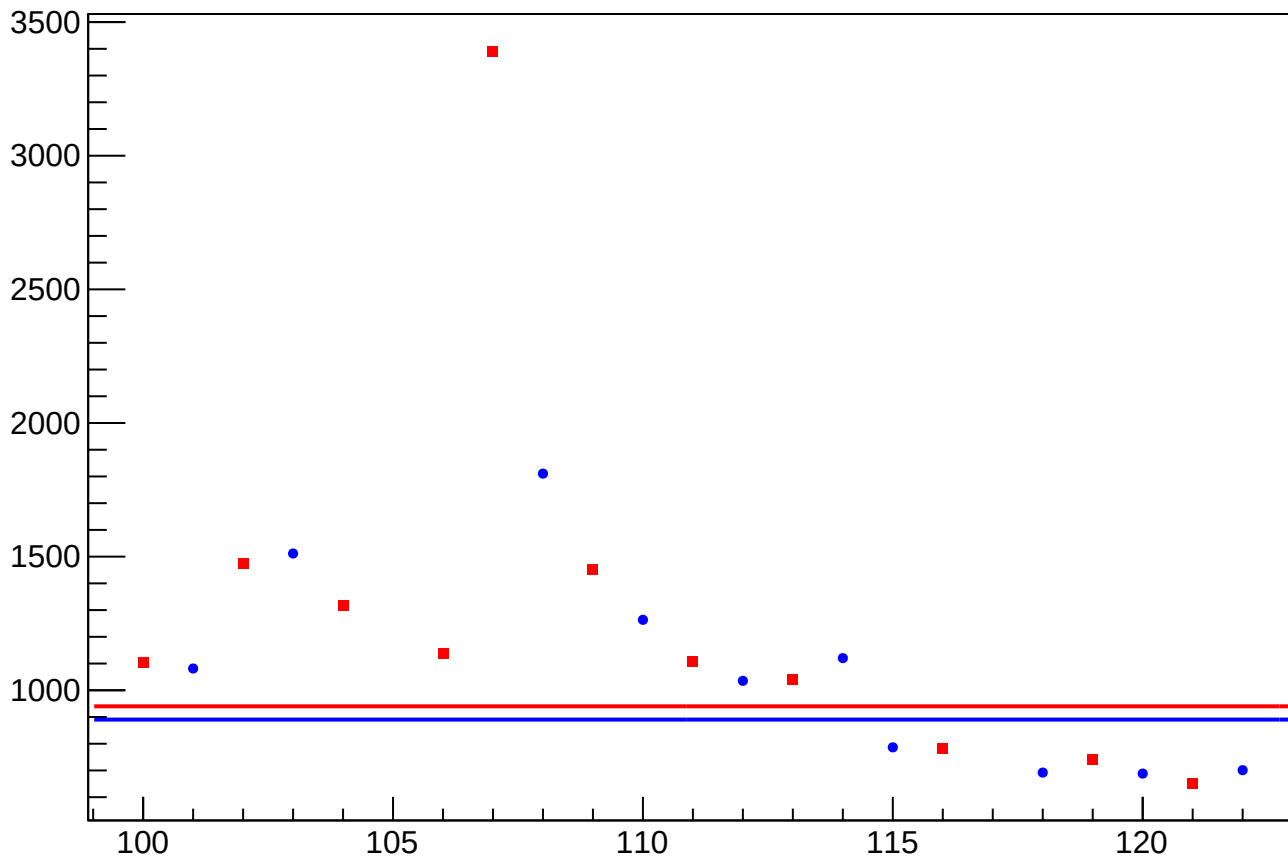
Right: 275.619+/-326.494 χ^2/NDF : 25.7/20

In: 187.345+/-461.759 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.619+/-326.494 χ^2/NDF : 25.7/20

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 890.329+/-0.327 χ^2/NDF : 755405.1/9

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

Right Out: 939.984+/-0.326 χ^2/NDF : 984056.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

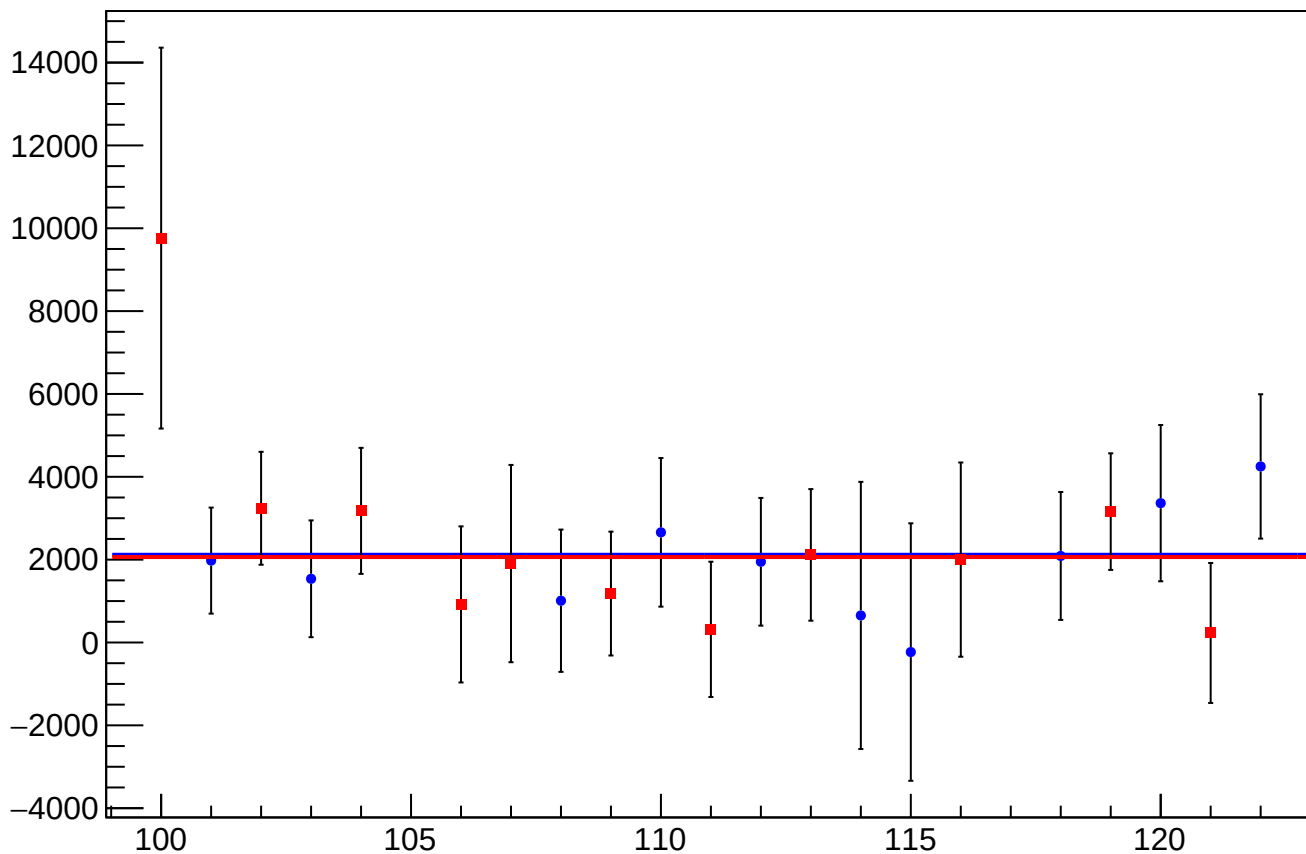
Right: 915.159+/-0.231 χ^2/NDF : 1751026.7/20

In: 890.329+/-0.327 χ^2/NDF : 755405.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.159+/-0.231 χ^2/NDF : 1751026.7/20

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2117.586+/-541.250 χ^2/NDF : 3.4/9

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

Right Out: 2063.043+/-517.647 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

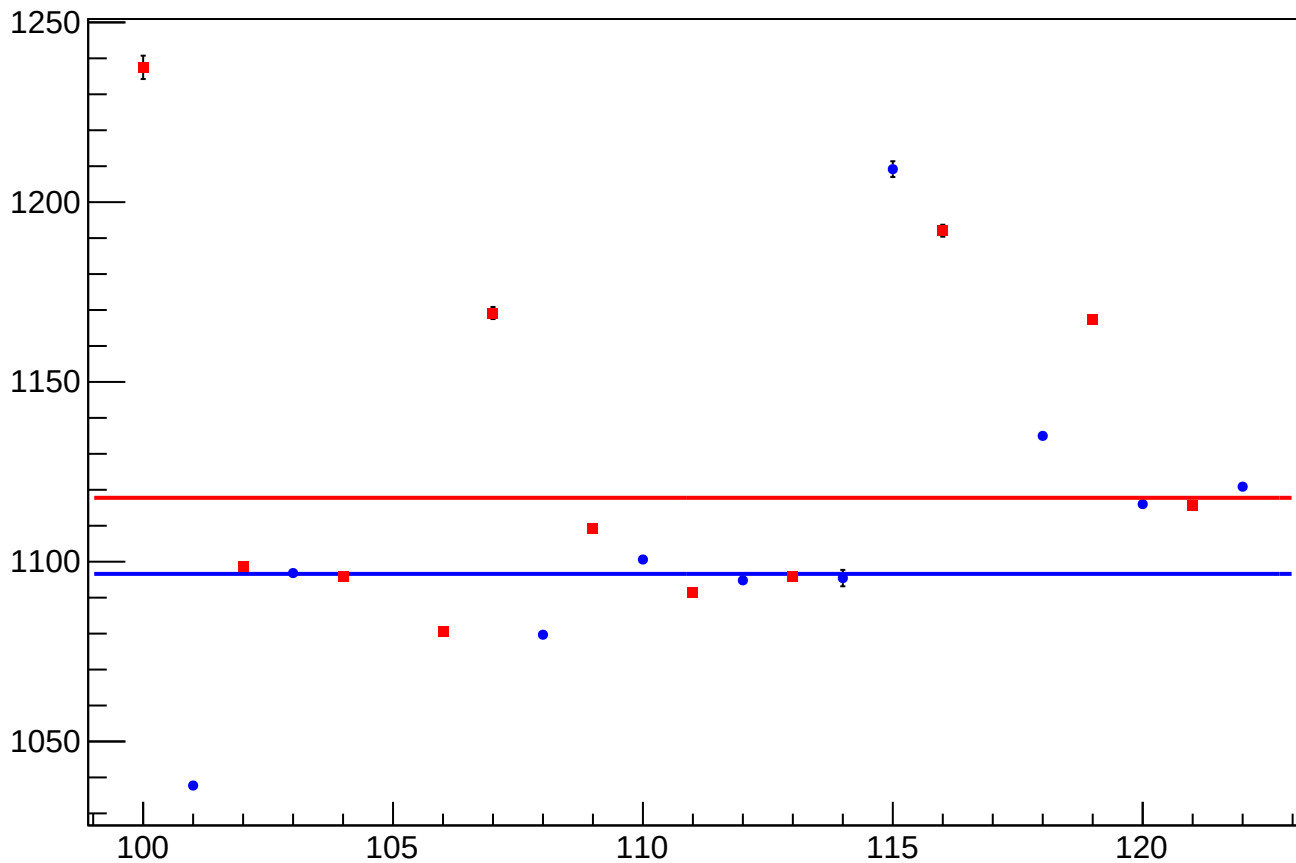
Right: 2089.099+/-374.098 χ^2/NDF : 11.2/20

In: 2117.586+/-541.250 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.099+/-374.098 χ^2/NDF : 11.2/20

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1096.611+/-0.383 χ^2/NDF : 8897.2/9

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

Right Out: 1117.769+/-0.366 χ^2/NDF : 9332.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

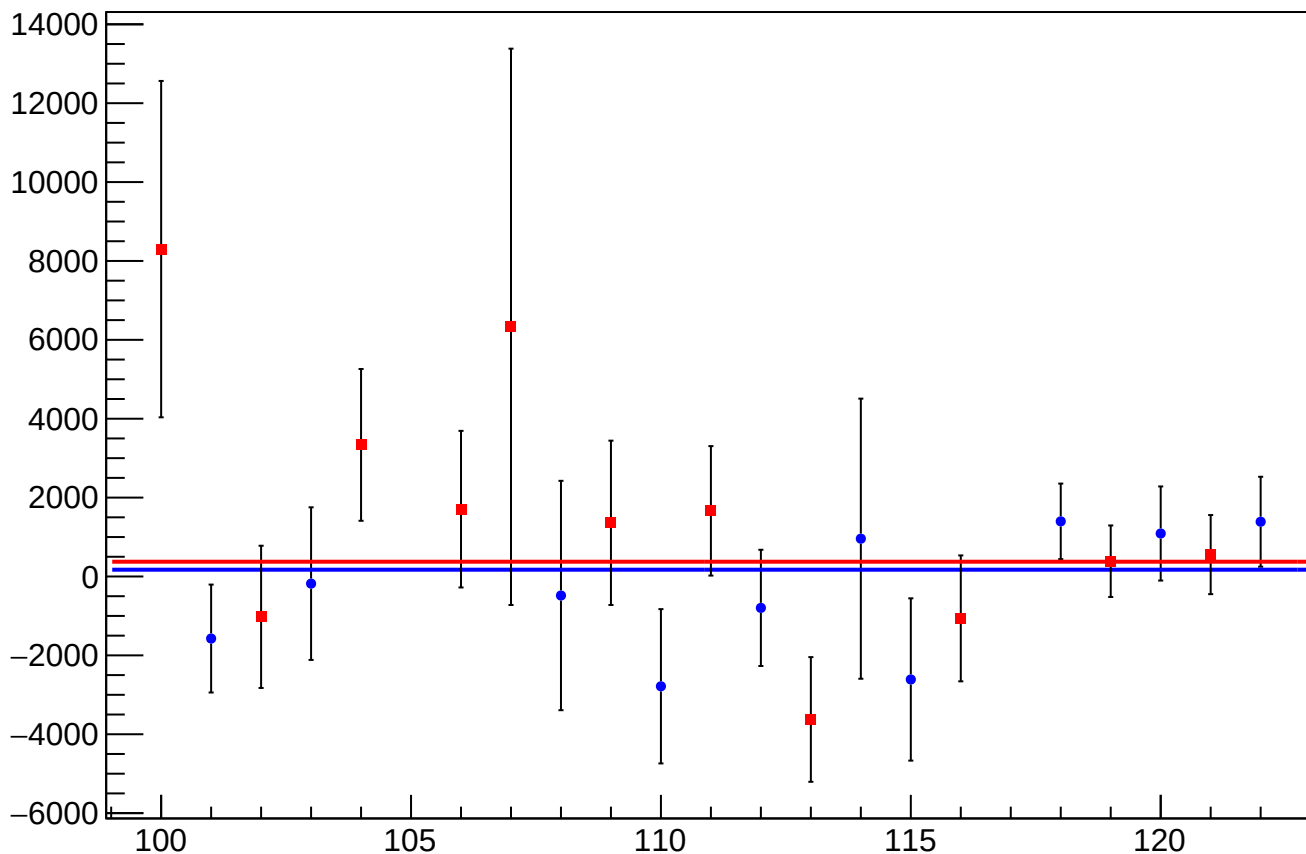
Right: 1107.661+/-0.265 χ^2/NDF : 19825.7/20

In: 1096.611+/-0.383 χ^2/NDF : 8897.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.661+/-0.265 χ^2/NDF : 19825.7/20

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 171.911+/-470.367 χ^2/NDF : 9.7/9

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

Right Out: 374.482+/-470.756 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

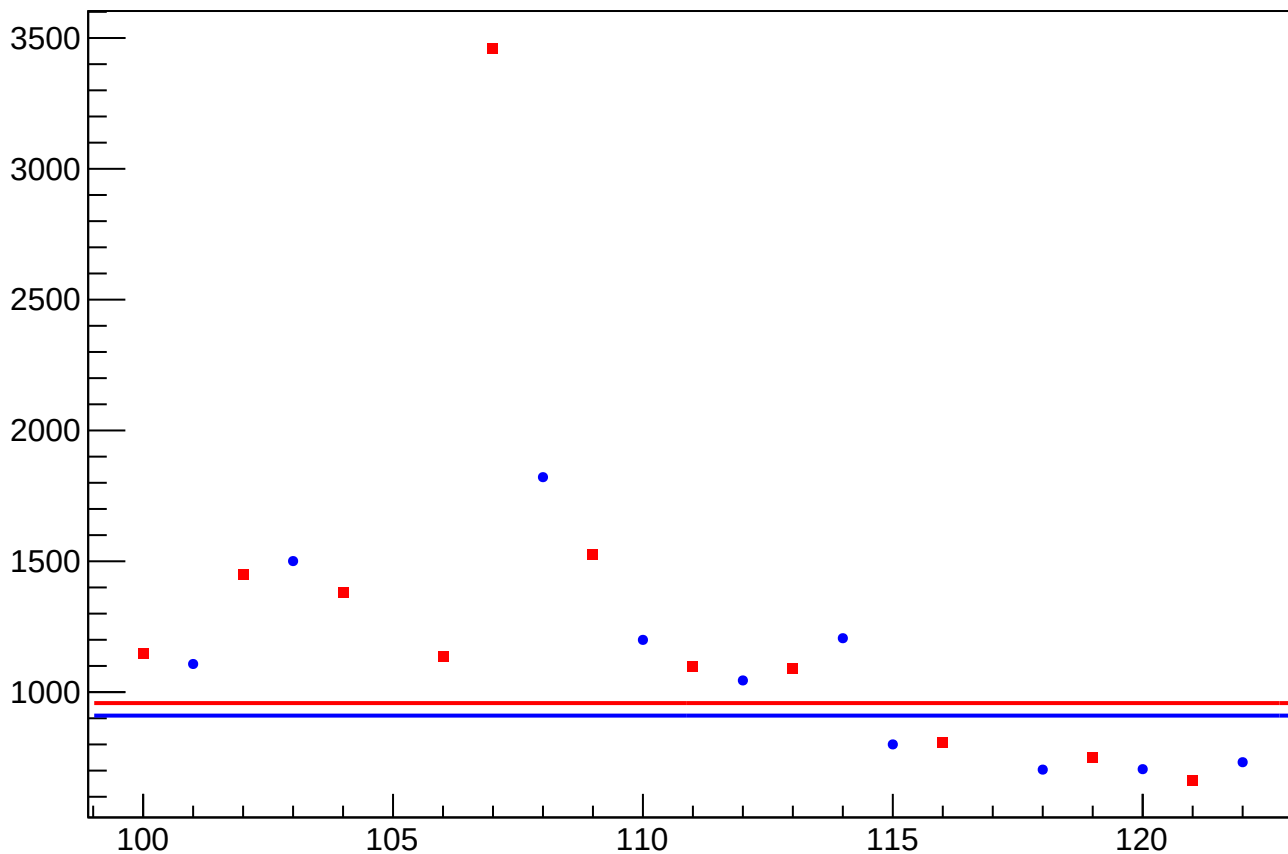
Right: 273.112+/-332.737 χ^2/NDF : 25.4/20

In: 171.911+/-470.367 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.112+/-332.737 χ^2/NDF : 25.4/20

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 910.209+/-0.333 χ^2/NDF : 705094.4/9

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

Right Out: 958.061+/-0.333 χ^2/NDF : 991633.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

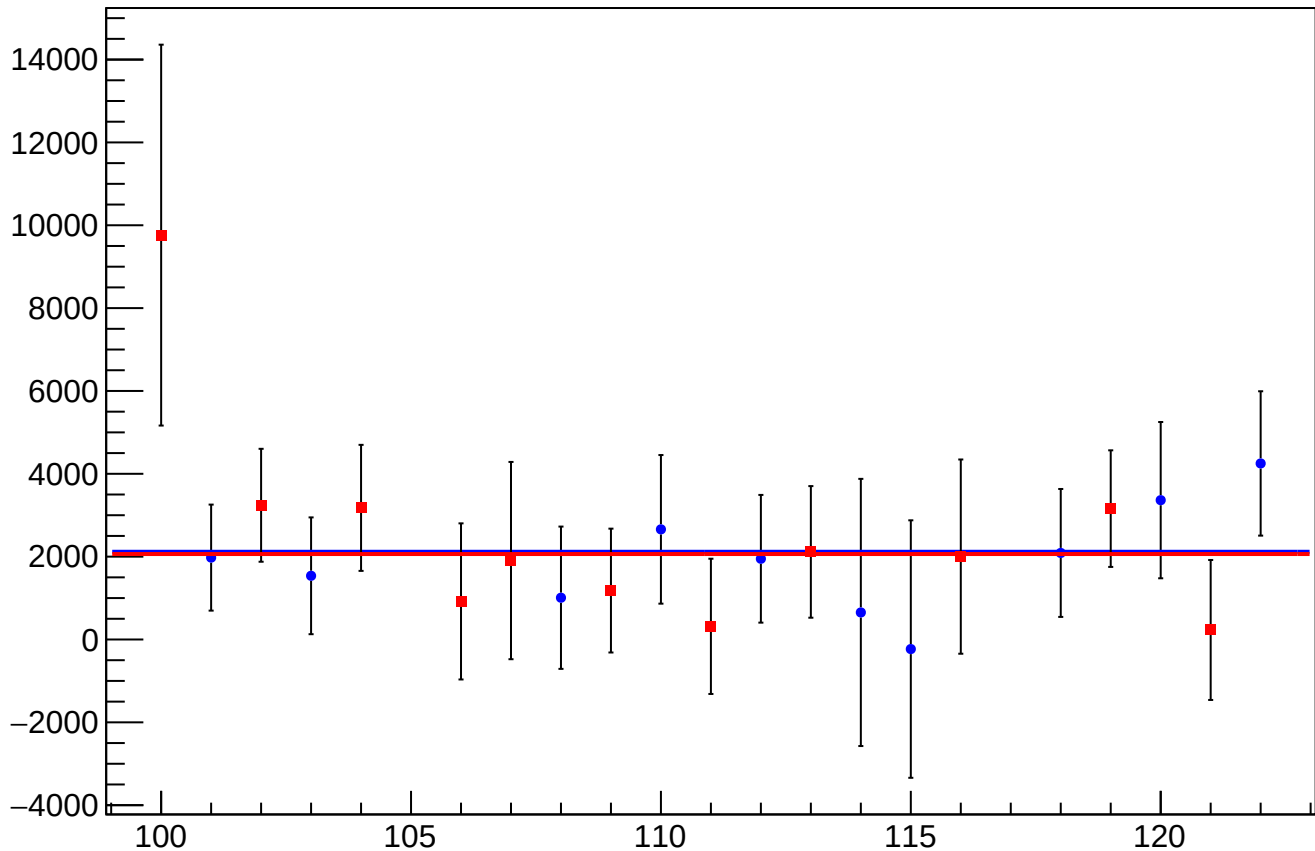
Right: 934.115+/-0.235 χ^2/NDF : 1707069.0/20

In: 910.209+/-0.333 χ^2/NDF : 705094.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 934.115+/-0.235 χ^2/NDF : 1707069.0/20

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2117.586+/-541.250 χ^2/NDF : 3.4/9

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

Right Out: 2063.041+/-517.647 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

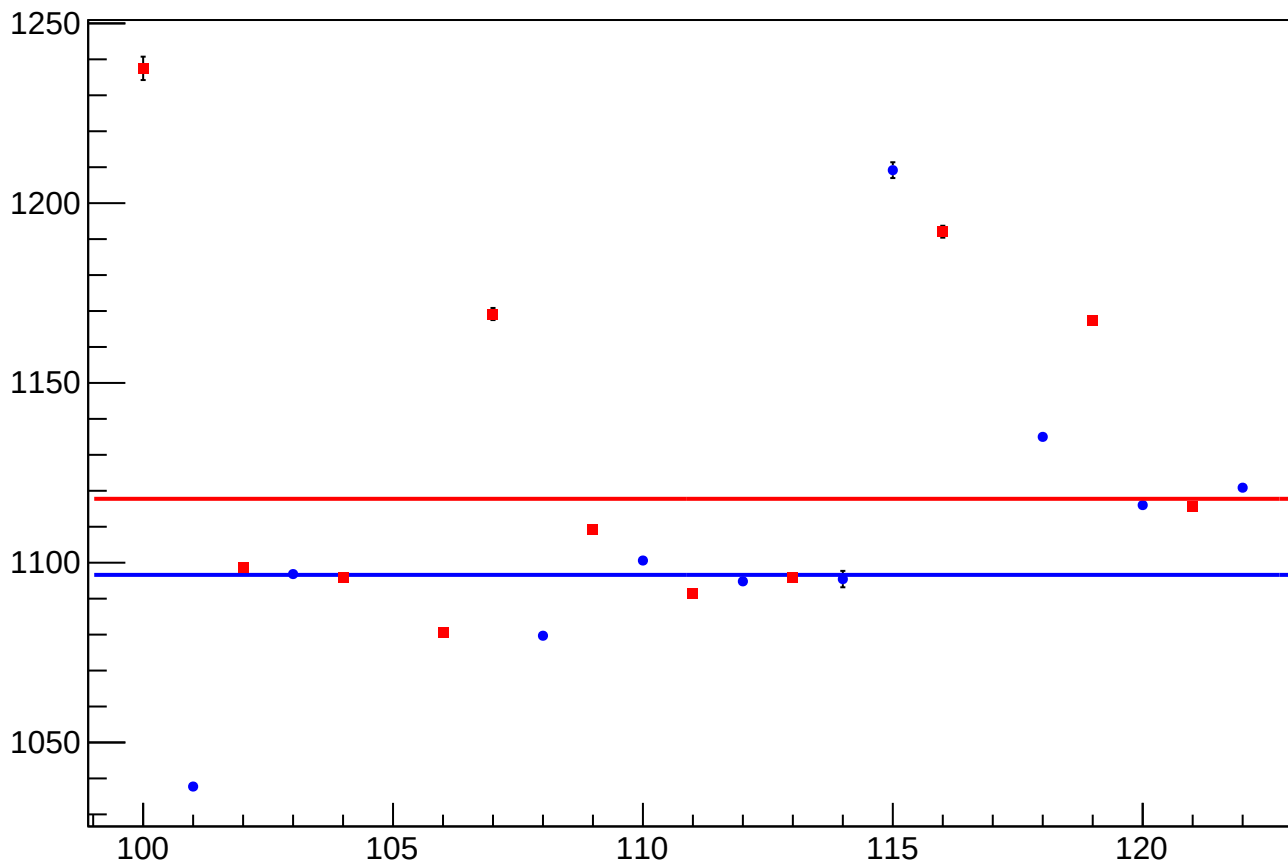
Right: 2089.098+/-374.098 χ^2/NDF : 11.2/20

In: 2117.586+/-541.250 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.098+/-374.098 χ^2/NDF : 11.2/20

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1096.611+/-0.383 χ^2/NDF : 8897.2/9

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

Right Out: 1117.768+/-0.366 χ^2/NDF : 9332.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

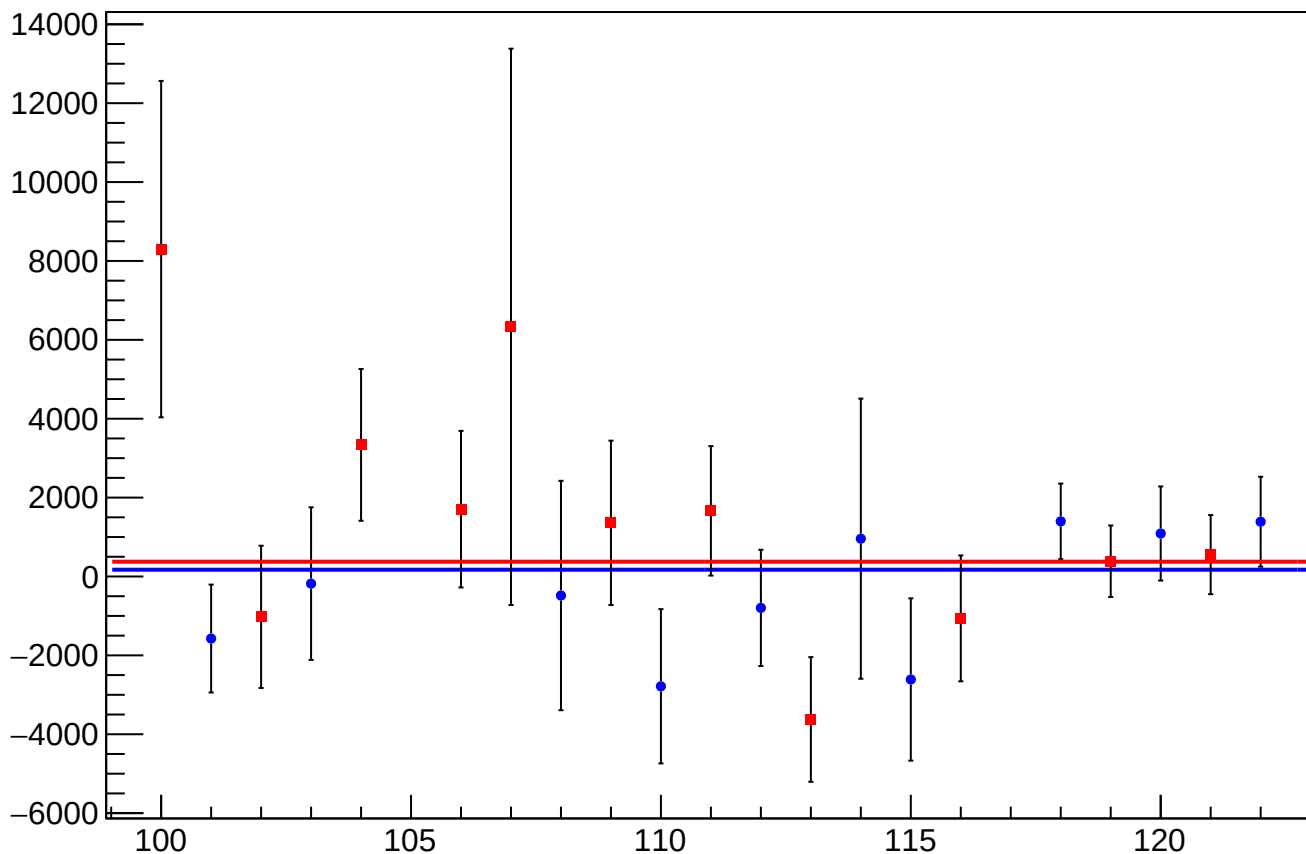
Right: 1107.661+/-0.265 χ^2/NDF : 19825.6/20

In: 1096.611+/-0.383 χ^2/NDF : 8897.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.661+/-0.265 χ^2/NDF : 19825.6/20

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 171.910+/-470.366 χ^2/NDF : 9.7/9

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

Right Out: 374.481+/-470.755 χ^2/NDF : 15.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

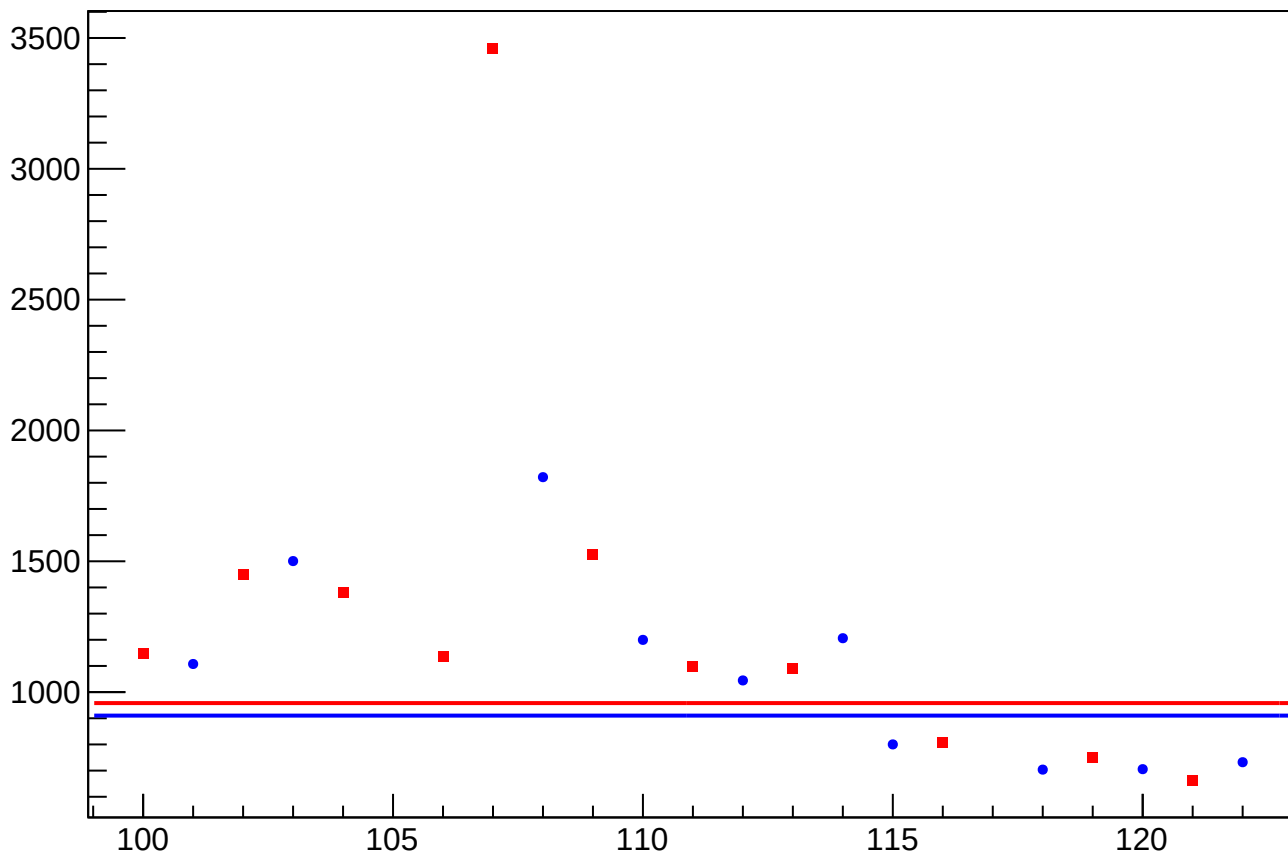
Right: 273.112+/-332.737 χ^2/NDF : 25.4/20

In: 171.910+/-470.366 χ^2/NDF :9.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.112+/-332.737 χ^2/NDF : 25.4/20

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 910.207+/-0.333 χ^2/NDF : 705096.6/9

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

Right Out: 958.059+/-0.333 χ^2/NDF : 991633.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

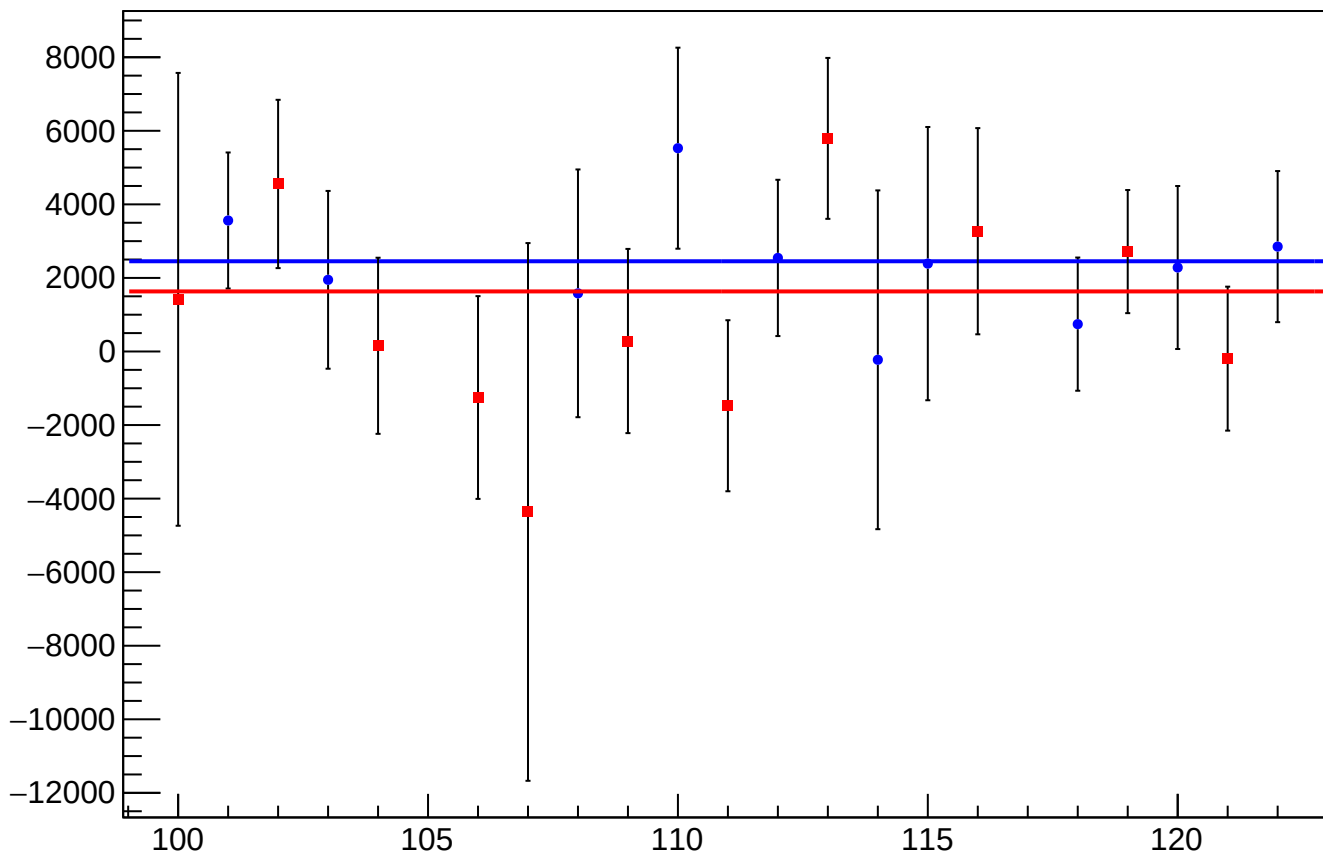
Right: 934.113+/-0.235 χ^2/NDF : 1707071.8/20

In: 910.207+/-0.333 χ^2/NDF : 705096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 934.113+/-0.235 χ^2/NDF : 1707071.8/20

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.003+/-751.098 χ^2/NDF : 3.0/9

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

Right Out: 1632.981+/-737.005 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

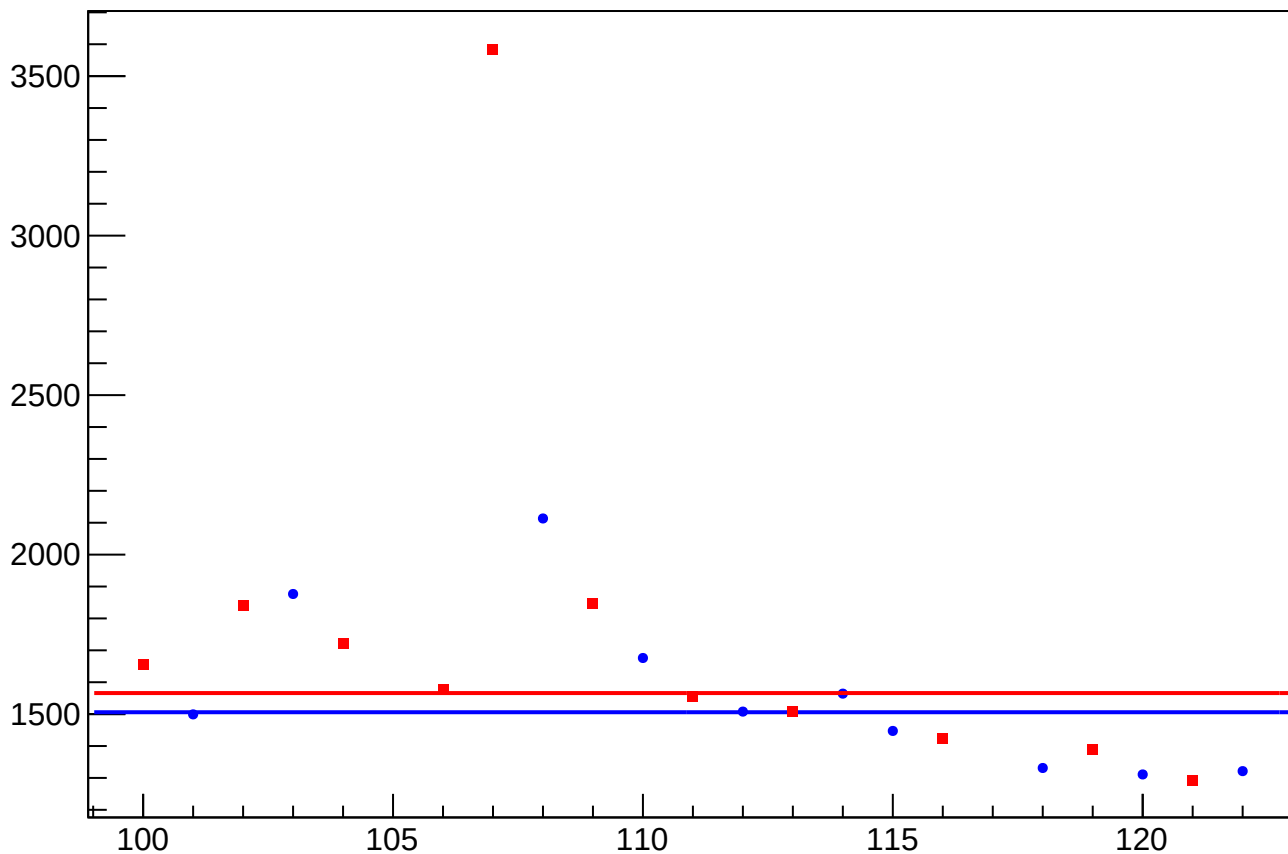
Right: 2035.227+/-526.053 χ^2/NDF : 14.7/20

In: 2453.003+/-751.098 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.227+/-526.053 χ^2/NDF : 14.7/20

asym_usl_rms vs Slug, Sign Corrected



Right In: 1505.915+/-0.531 χ^2/NDF : 170979.7/9

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

Right Out: 1566.024+/-0.521 χ^2/NDF : 283805.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

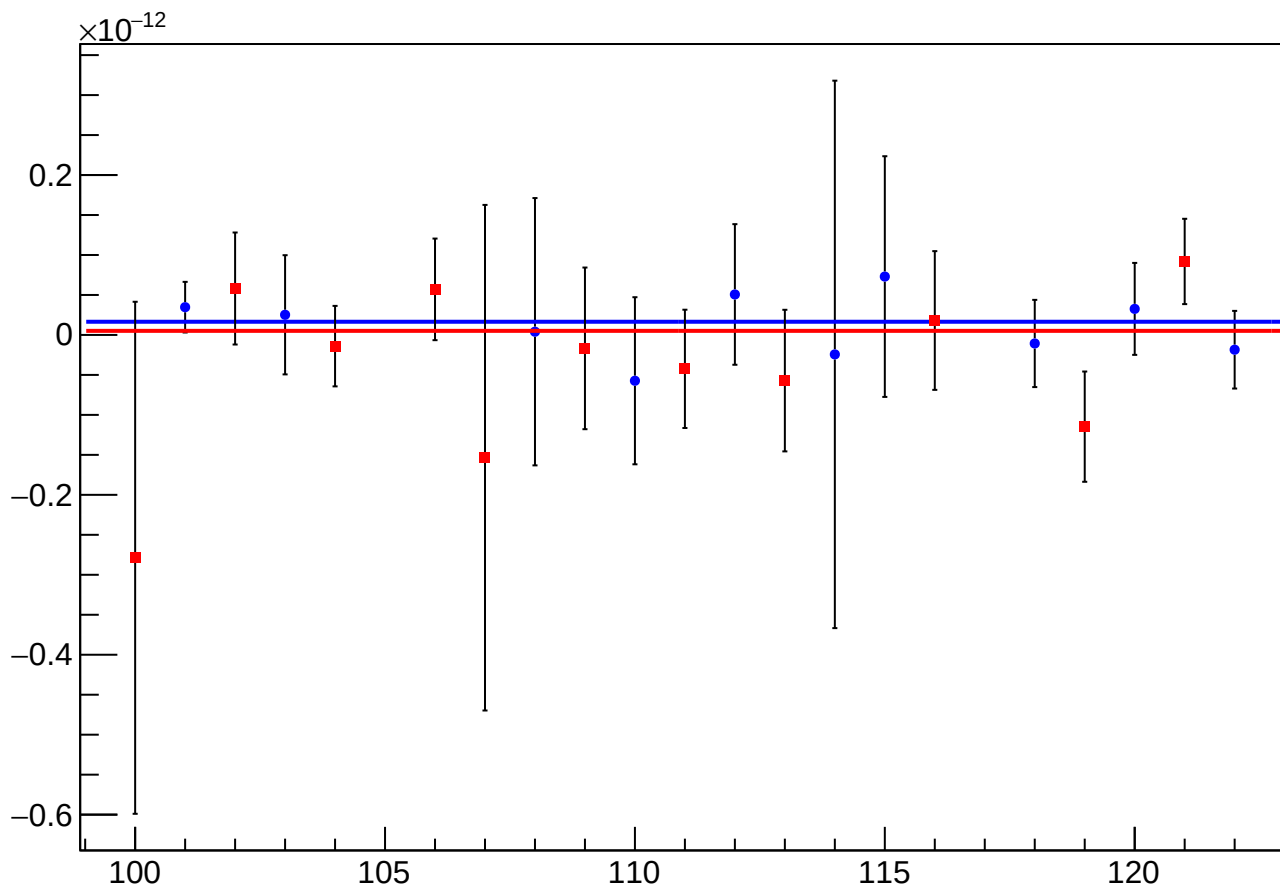
Right: 1536.539+/-0.372 χ^2/NDF : 461310.5/20

In: 1505.915+/-0.531 χ^2/NDF : 170979.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.539+/-0.372 χ^2/NDF : 461310.5/20

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/9

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

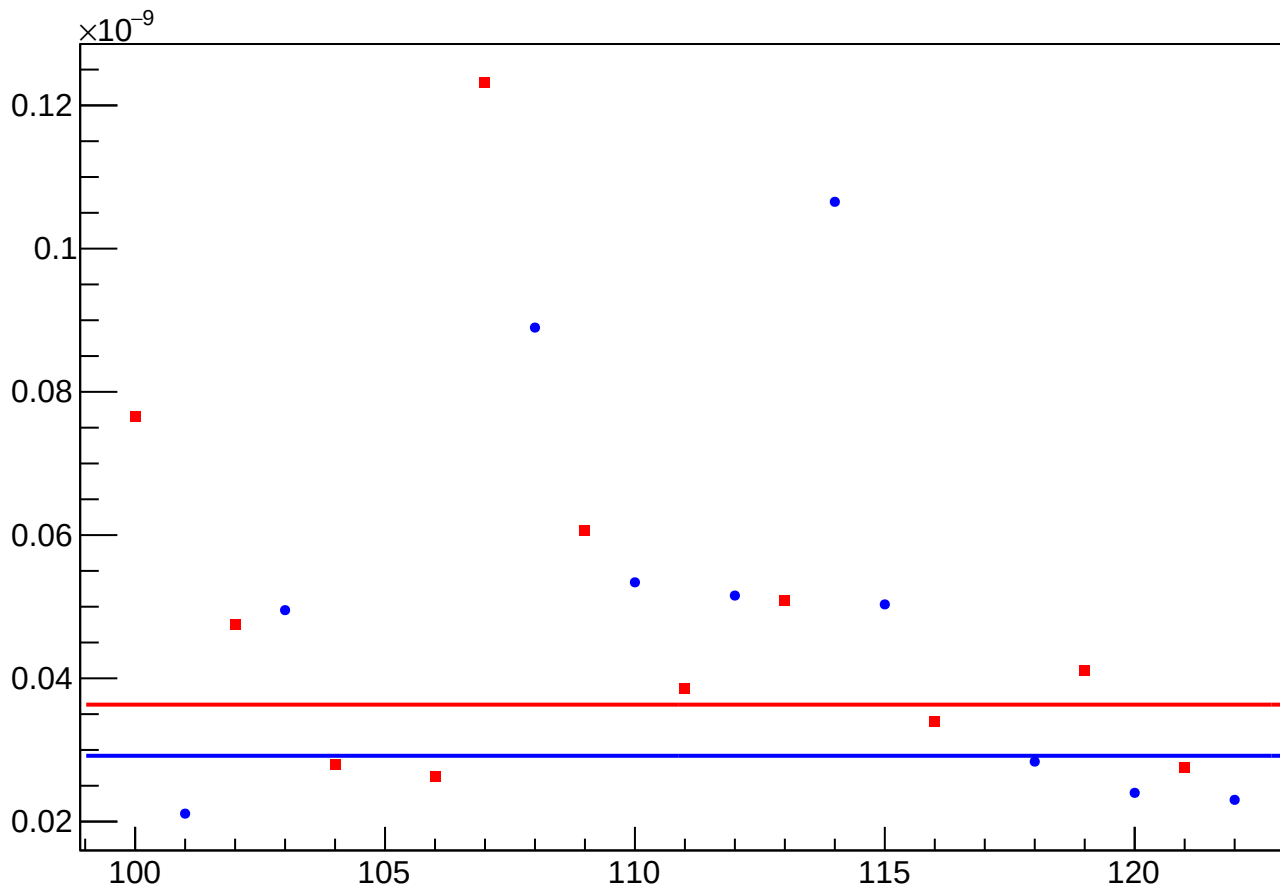
Right: 0.000+/-0.000 χ^2/NDF : 11.2/20

In: 0.000+/-0.000 χ^2/NDF : 2.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.2/20

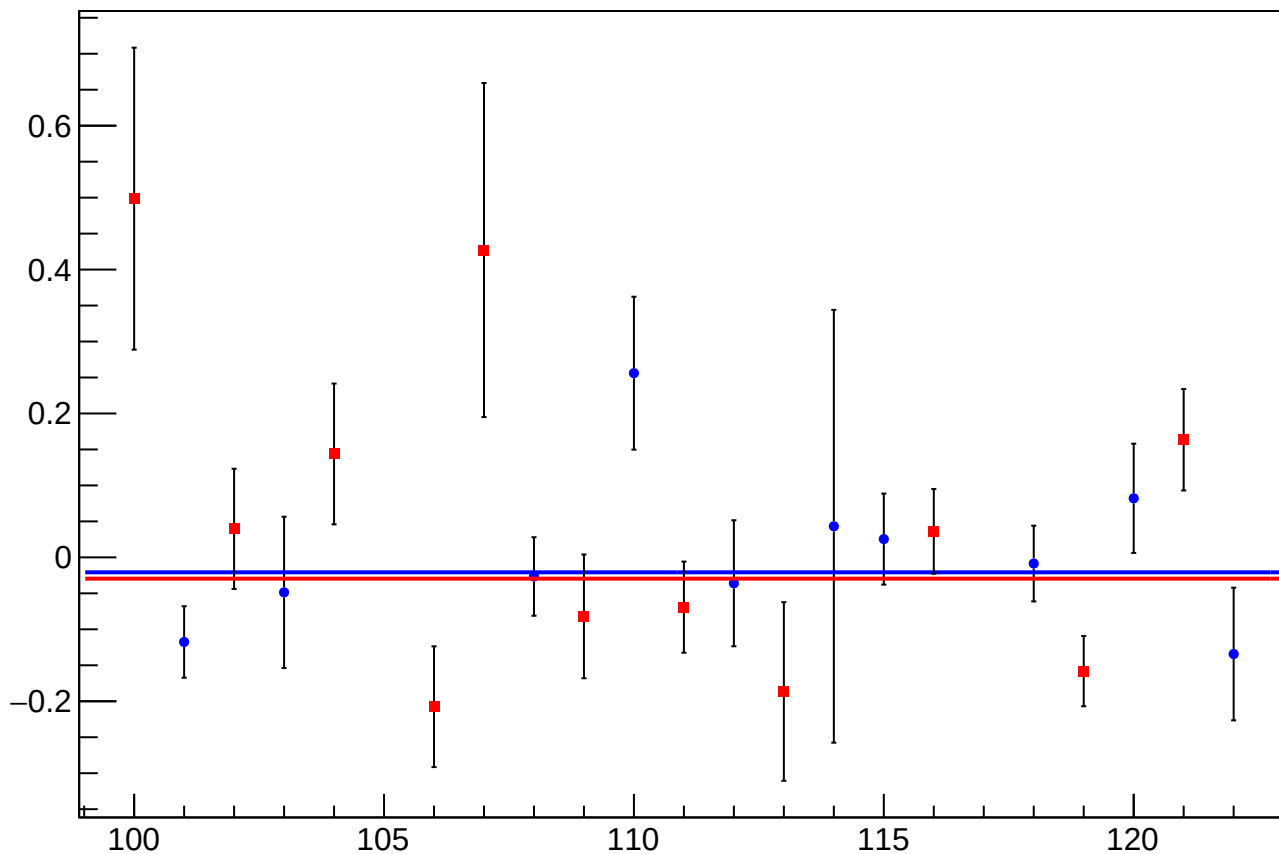
asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 962007.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 576025.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1651329.8/20
 In: 0.000+/-0.000 χ^2/NDF : 962007.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1651329.8/20

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.023 χ^2/NDF : 14.7/9

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

Right Out: -0.030 ± 0.024 χ^2/NDF : 36.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

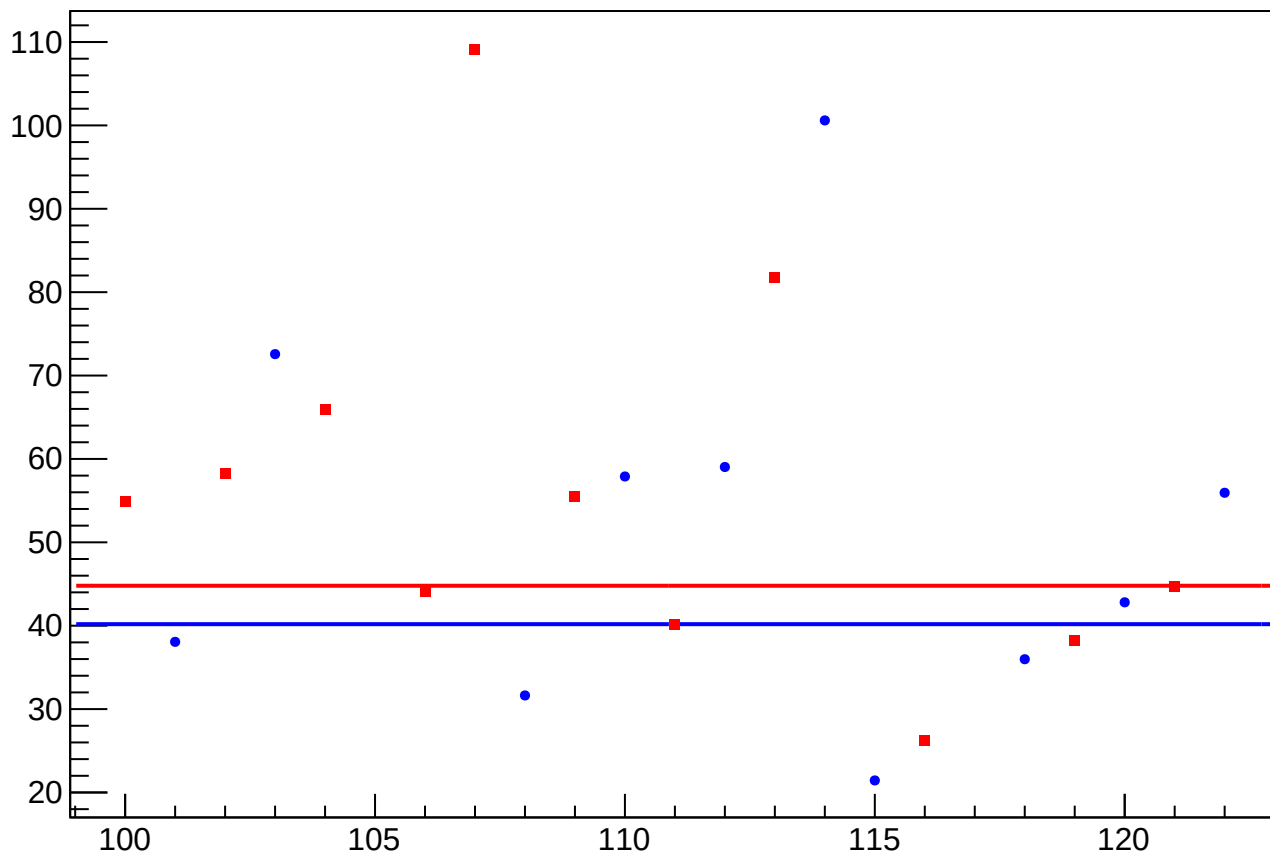
Right: -0.025 ± 0.016 χ^2/NDF : 51.3/20

In: -0.021 ± 0.023 χ^2/NDF : 14.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.016 χ^2/NDF : 51.3/20

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.184 $\pm$ 0.016 χ^2 /NDF: 720290.1/9

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

Right Out: 44.793 $\pm$ 0.017 χ^2 /NDF: 759208.0/10

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

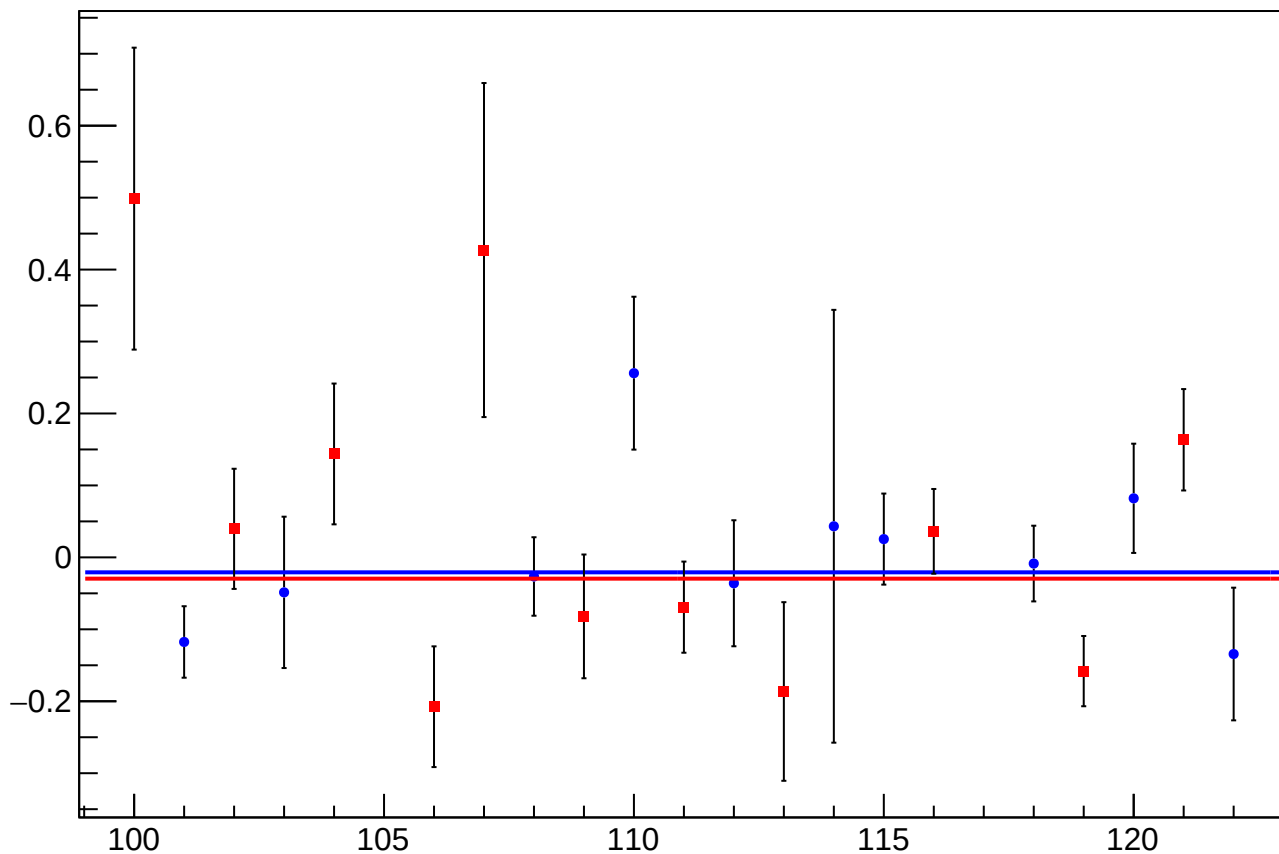
Right: 42.381 $\pm$ 0.012 χ^2 /NDF: 1519278.6/20

In: 40.184 $\pm$ 0.016 χ^2 /NDF:720290.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.381 $\pm$ 0.012 χ^2 /NDF: 1519278.6/20

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.023 χ^2 /NDF: 14.7/9

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

Right Out: -0.030 $\pm$ 0.024 χ^2 /NDF: 36.6/10

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

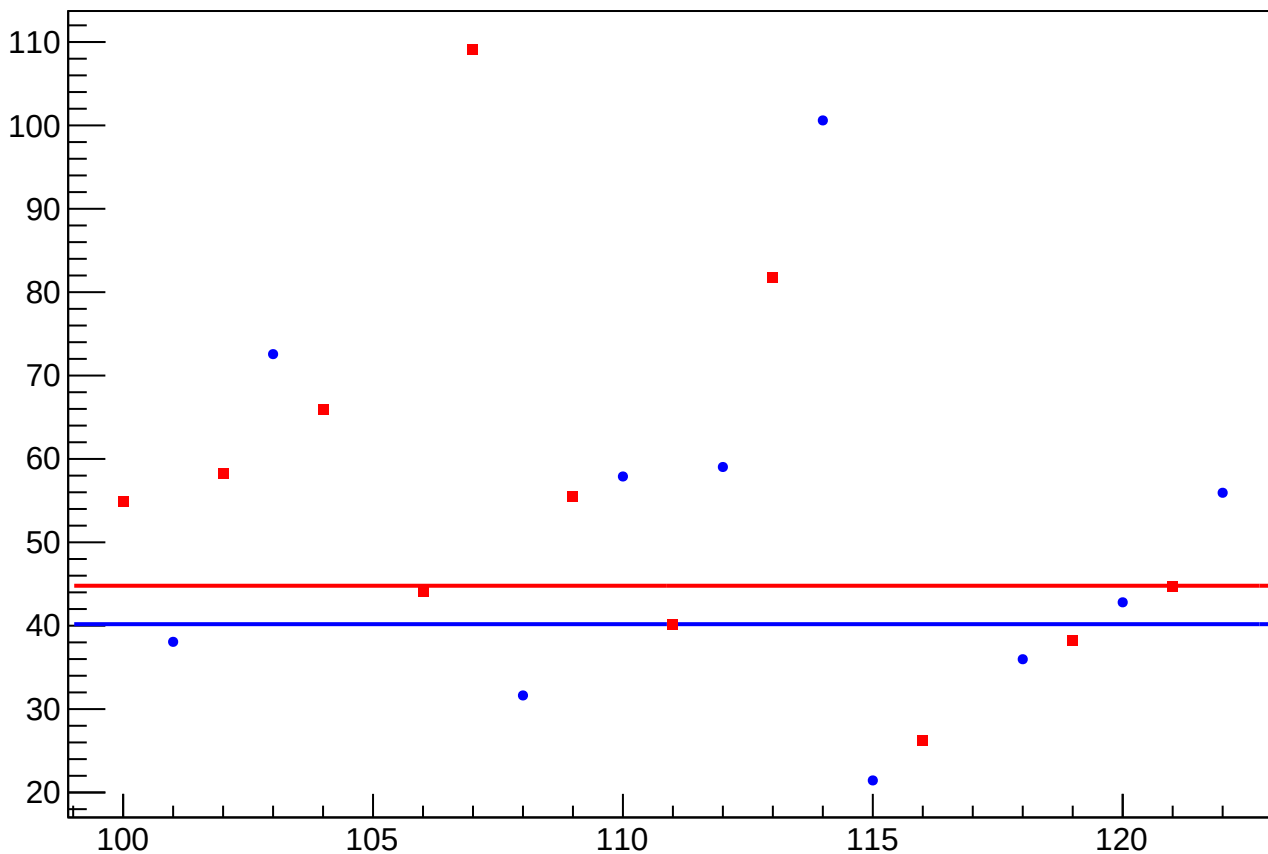
Right: -0.025 $\pm$ 0.016 χ^2 /NDF: 51.3/20

In: -0.021 $\pm$ 0.023 χ^2 /NDF:14.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.016 χ^2 /NDF: 51.3/20

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.184 $\pm$ 0.016 χ^2 /NDF: 720290.1/9

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

Right Out: 44.793 $\pm$ 0.017 χ^2 /NDF: 759208.0/10

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

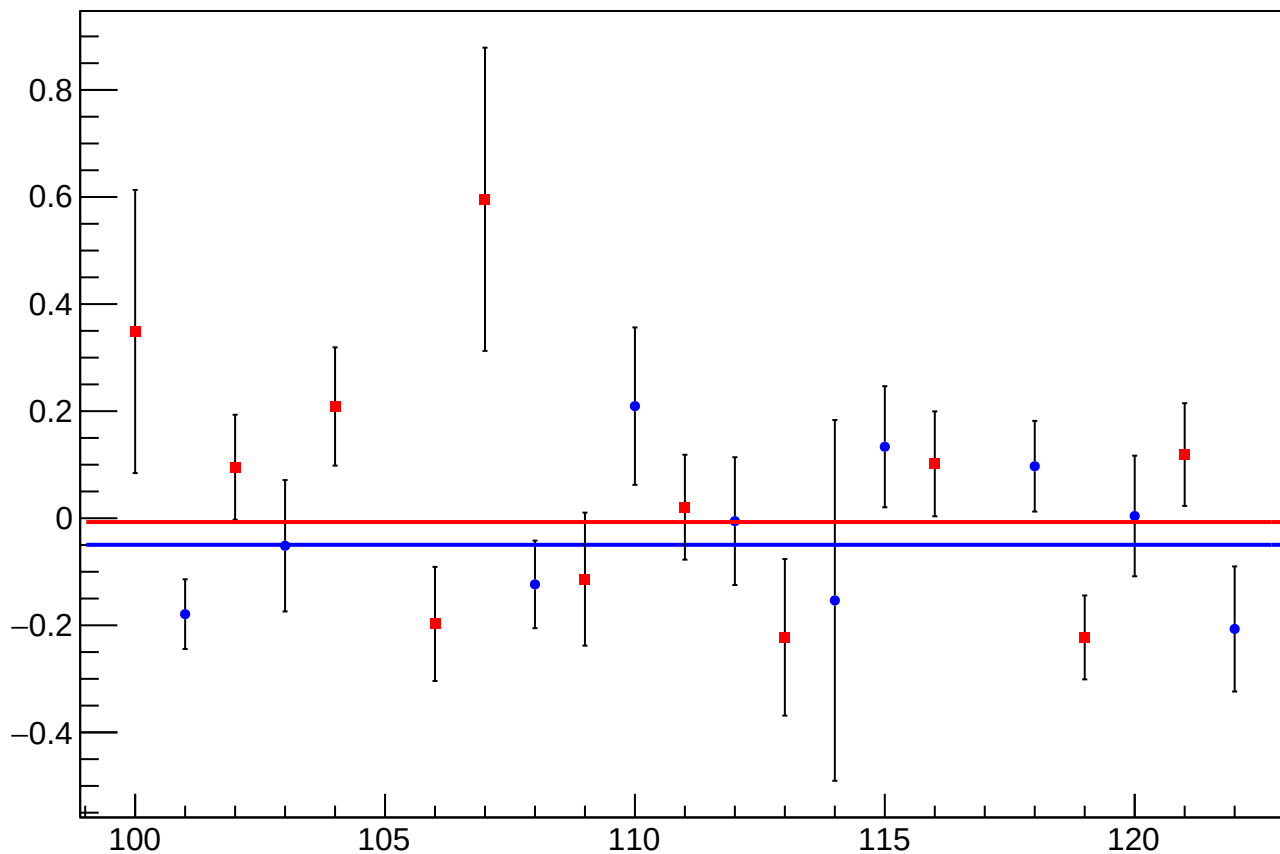
Right: 42.381 $\pm$ 0.012 χ^2 /NDF: 1519278.6/20

In: 40.184 $\pm$ 0.016 χ^2 /NDF:720290.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.381 $\pm$ 0.012 χ^2 /NDF: 1519278.6/20

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.032 χ^2/NDF : 15.8/9

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

Right Out: -0.007+/-0.033 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

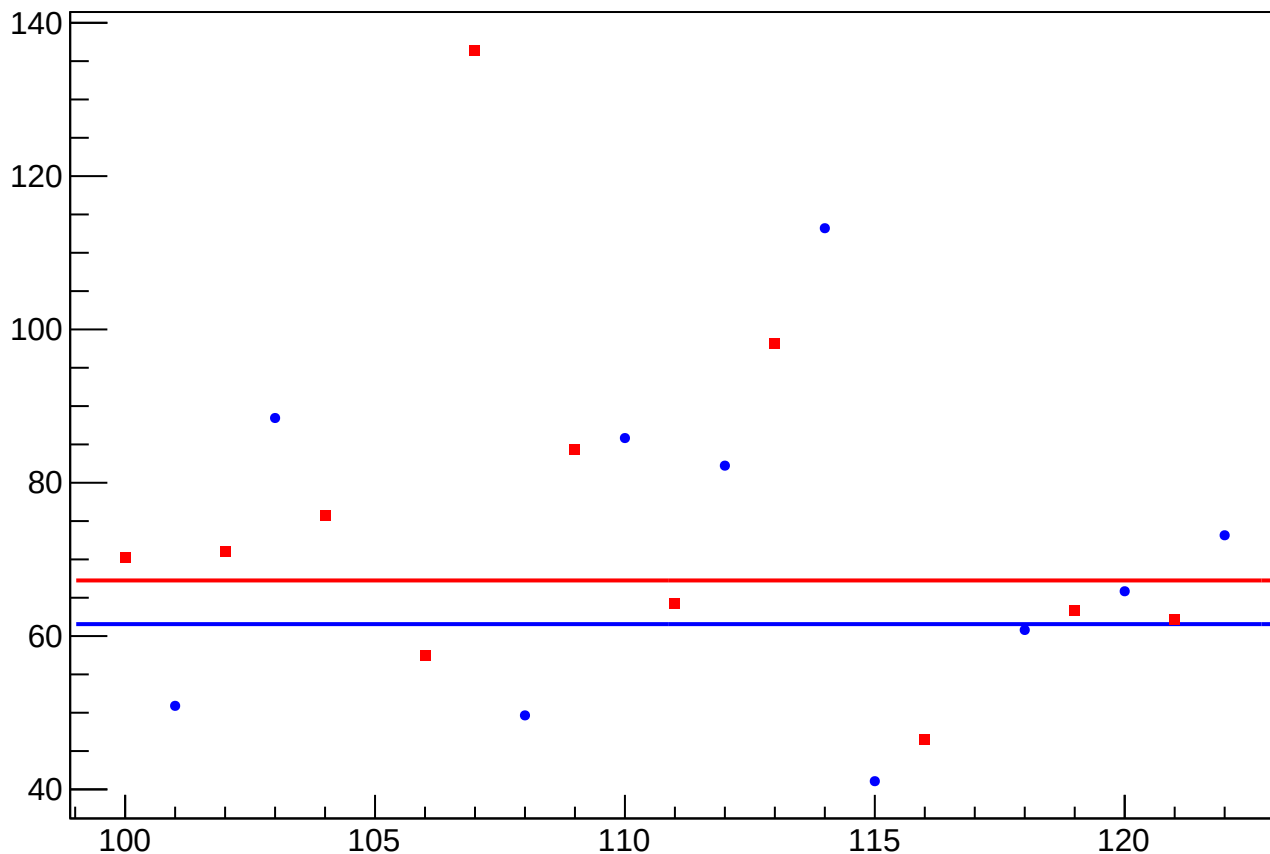
Right: -0.029+/-0.023 χ^2/NDF : 44.6/20

In: -0.050+/-0.032 χ^2/NDF : 15.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.029+/-0.023 χ^2/NDF : 44.6/20

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.558+/-0.023 χ^2/NDF : 441873.1/9

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

Right Out: 67.256+/-0.024 χ^2/NDF : 380461.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

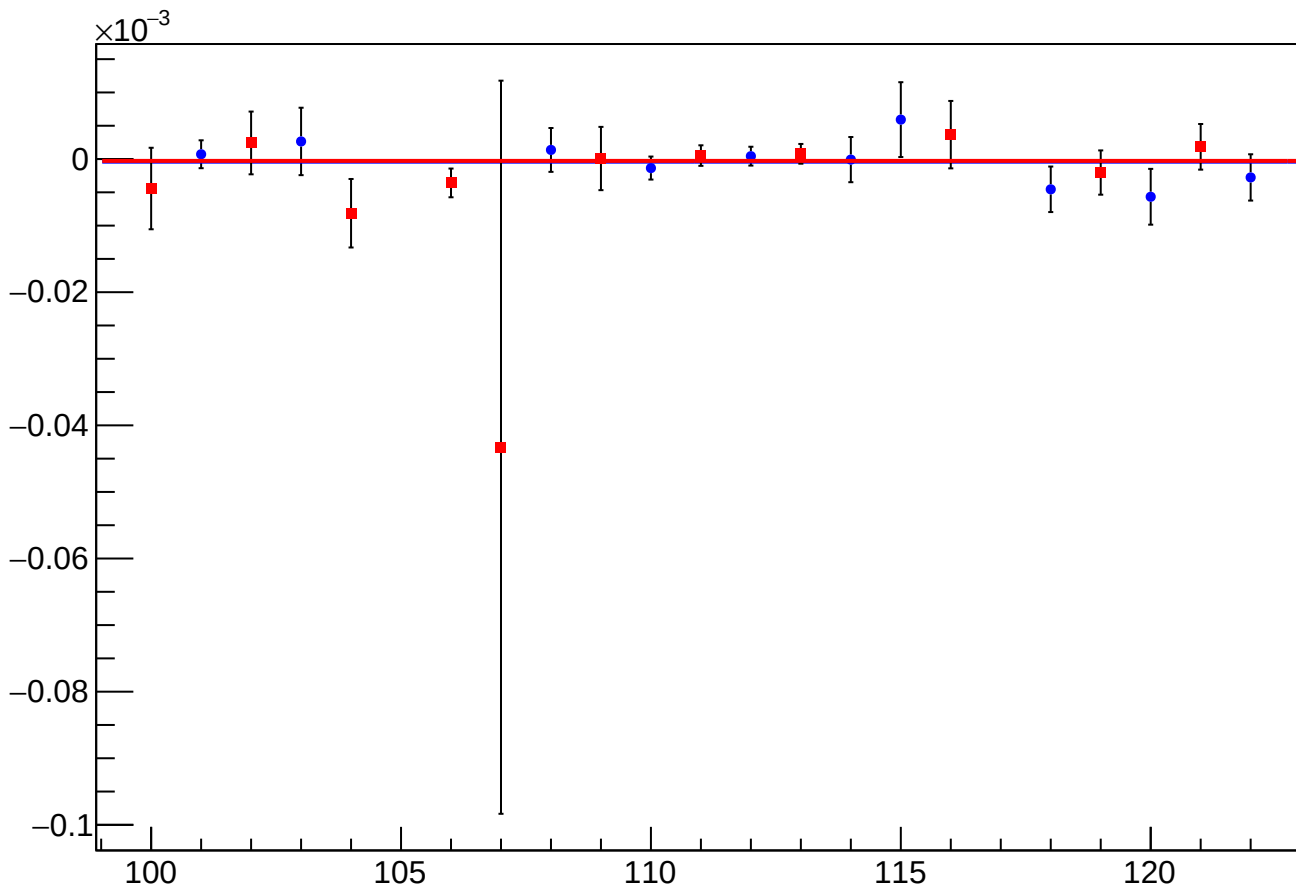
Right: 64.322+/-0.016 χ^2/NDF : 852162.0/20

In: 61.558+/-0.023 χ^2/NDF :441873.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.322+/-0.016 χ^2/NDF : 852162.0/20

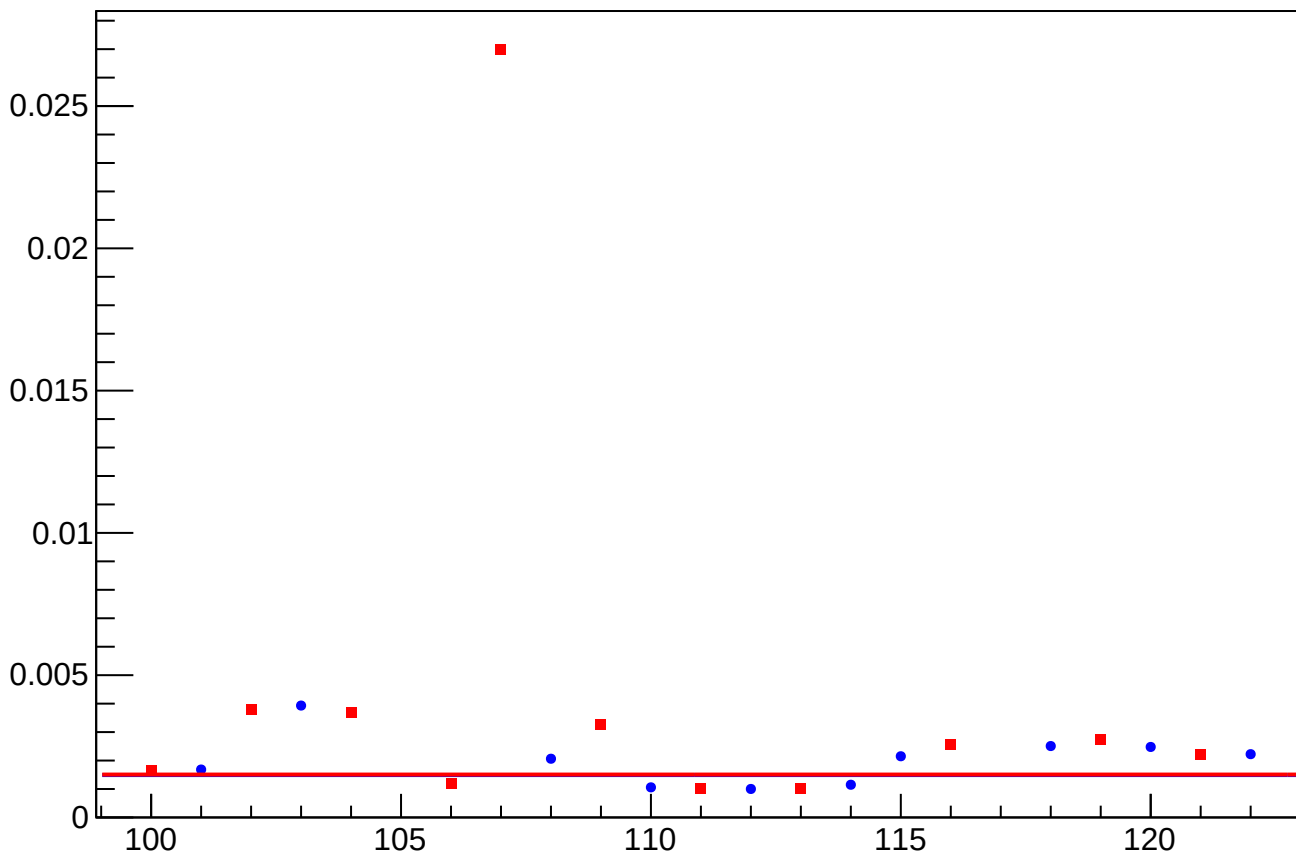
asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.4/9
 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: 14.5/20
 In: -0.000+/-0.000 χ^2 /NDF:6.4/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 14.5/20

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1332638.2/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2428415.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

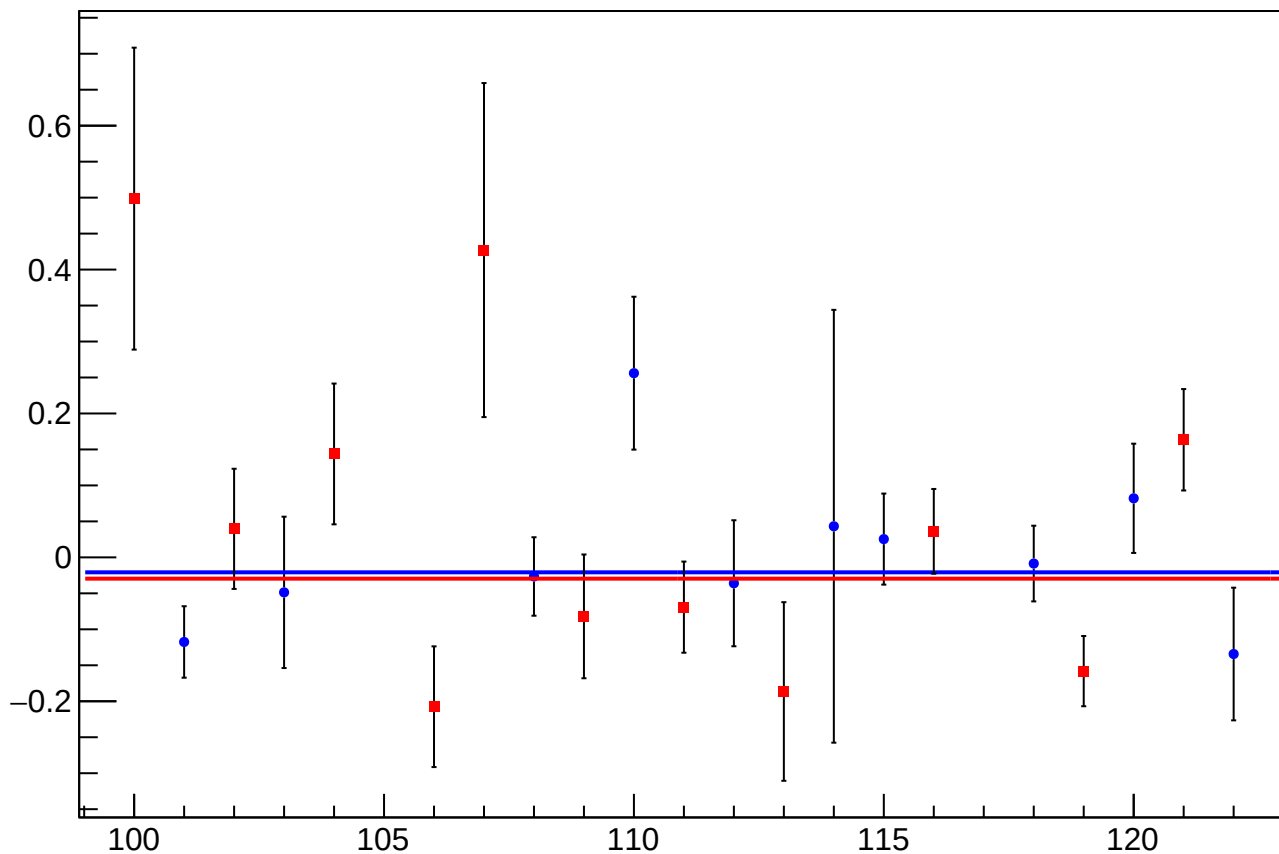
Right: 0.001+/-0.000 χ^2/NDF : 3761530.6/20

In: 0.001+/-0.000 χ^2/NDF : 1332638.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3761530.6/20

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.023 χ^2/NDF : 14.7/9

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

Right Out: -0.030 ± 0.024 χ^2/NDF : 36.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

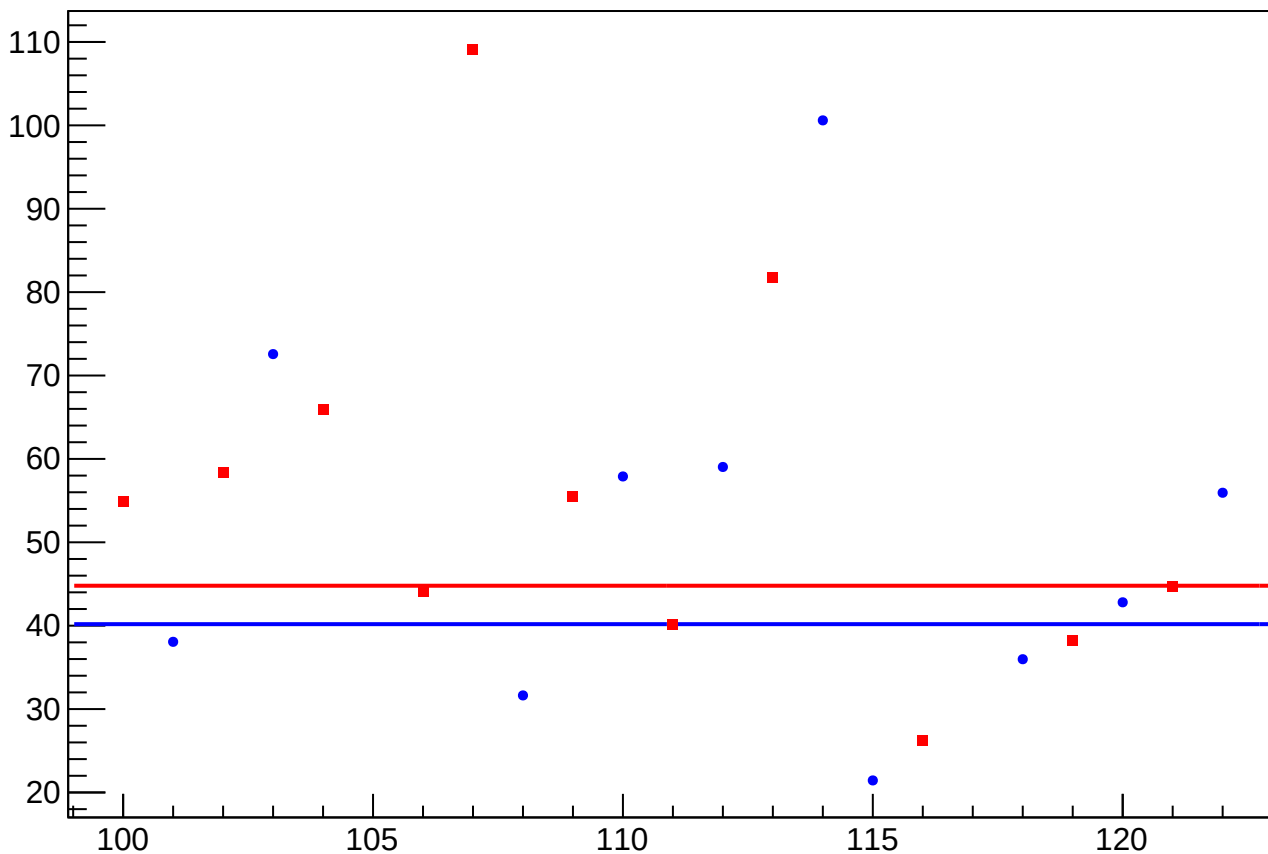
Right: -0.025 ± 0.016 χ^2/NDF : 51.3/20

In: -0.021 ± 0.023 χ^2/NDF : 14.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.016 χ^2/NDF : 51.3/20

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.183+/-0.016 χ^2/NDF : 720333.8/9

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

Right Out: 44.792+/-0.017 χ^2/NDF : 759250.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

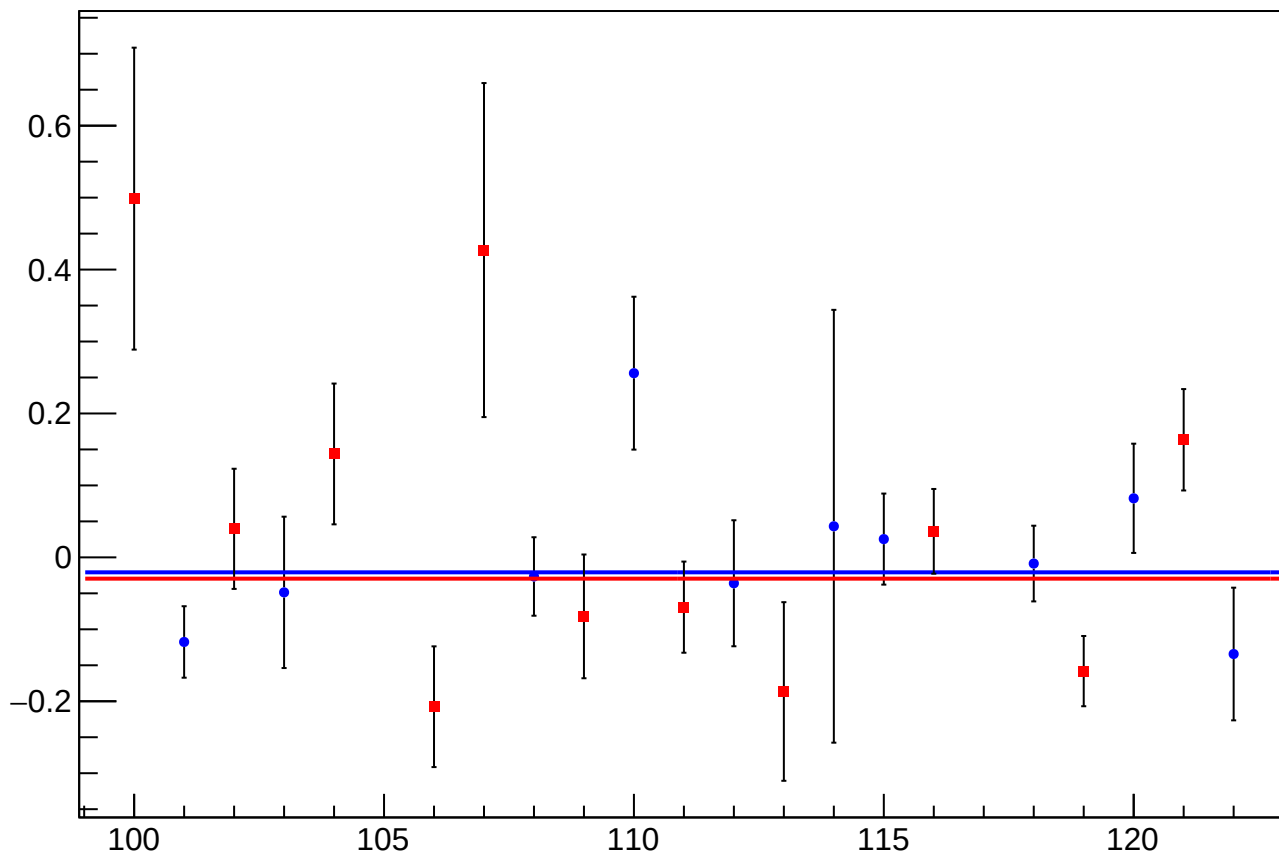
Right: 42.380+/-0.012 χ^2/NDF : 1519363.0/20

In: 40.183+/-0.016 χ^2/NDF : 720333.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.380+/-0.012 χ^2/NDF : 1519363.0/20

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.023 χ^2 /NDF: 14.7/9

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

Right Out: -0.030 $\pm$ 0.024 χ^2 /NDF: 36.6/10

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

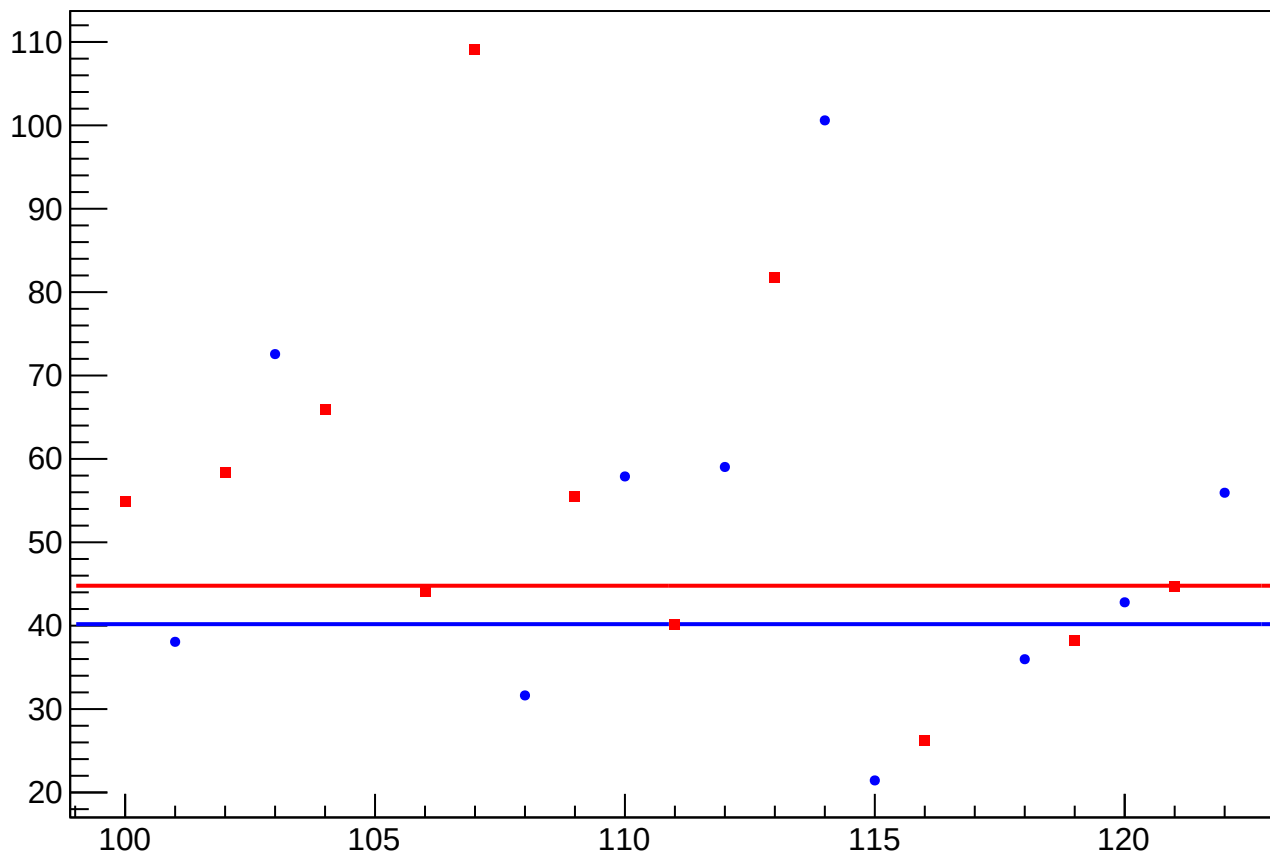
Right: -0.025 $\pm$ 0.016 χ^2 /NDF: 51.3/20

In: -0.021 $\pm$ 0.023 χ^2 /NDF:14.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.016 χ^2 /NDF: 51.3/20

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.183+/-0.016 χ^2/NDF : 720333.8/9

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

Right Out: 44.792+/-0.017 χ^2/NDF : 759250.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

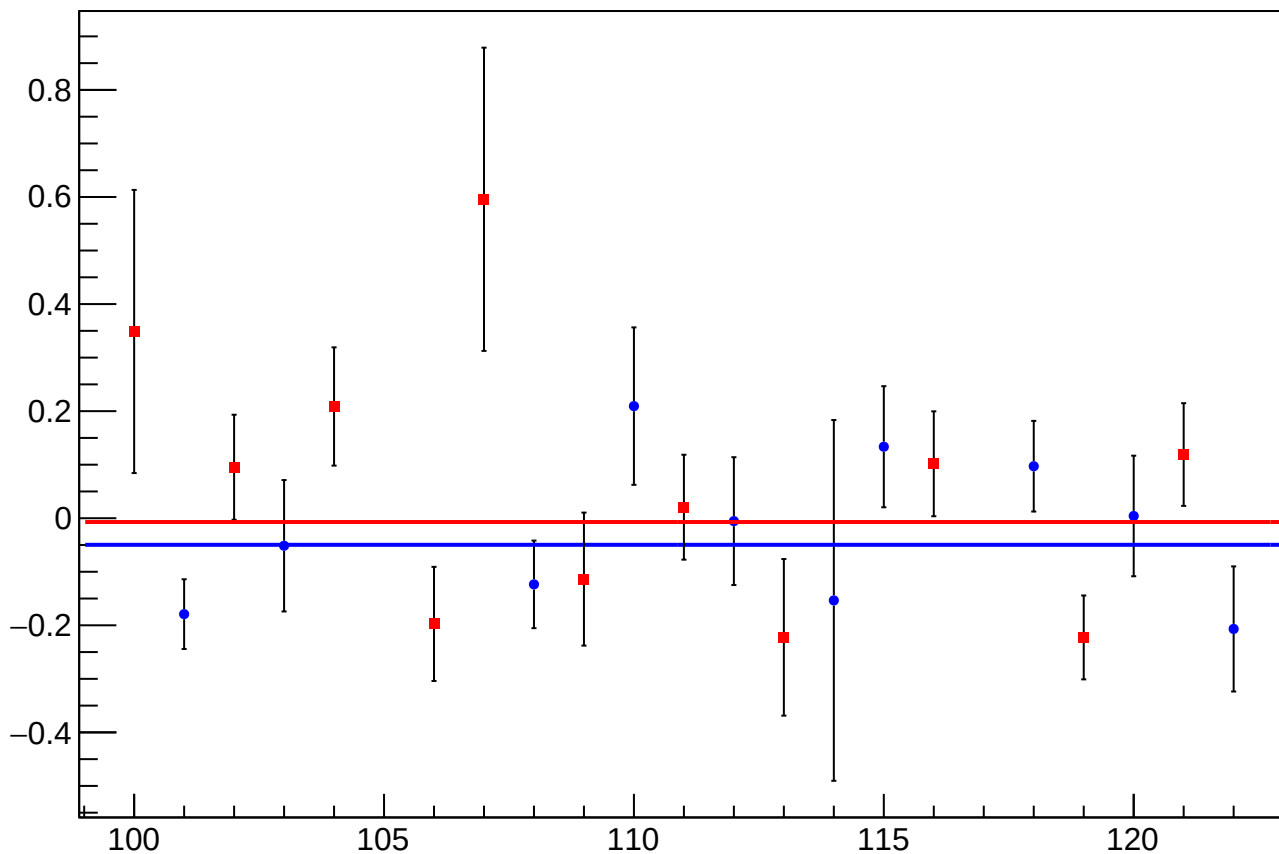
Right: 42.380+/-0.012 χ^2/NDF : 1519363.0/20

In: 40.183+/-0.016 χ^2/NDF : 720333.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.380+/-0.012 χ^2/NDF : 1519363.0/20

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.032 χ^2/NDF : 15.8/9

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

Right Out: -0.007+/-0.033 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

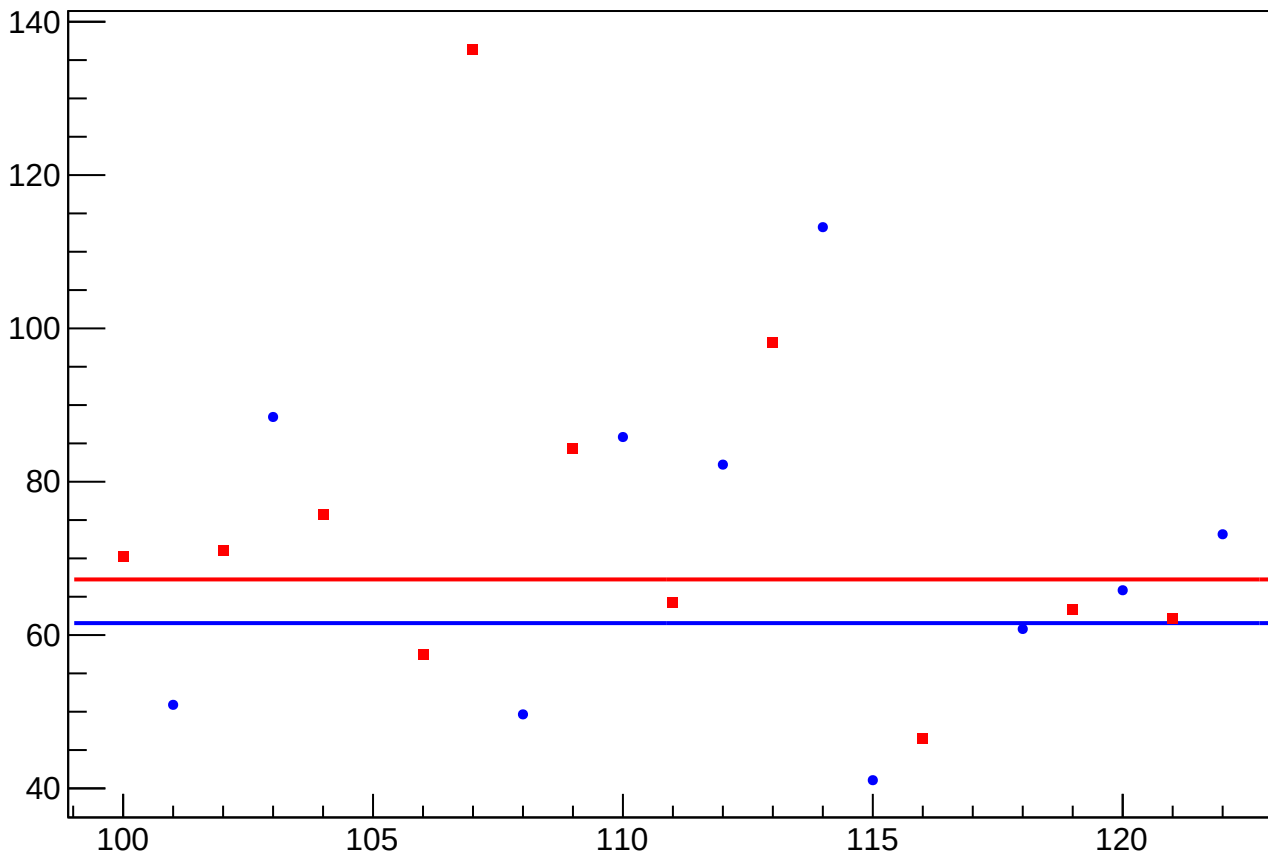
Right: -0.029+/-0.023 χ^2/NDF : 44.6/20

In: -0.050+/-0.032 χ^2/NDF :15.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.029+/-0.023 χ^2/NDF : 44.6/20

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.557+/-0.023 χ^2/NDF : 441876.3/9

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

Right Out: 67.255+/-0.024 χ^2/NDF : 380453.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

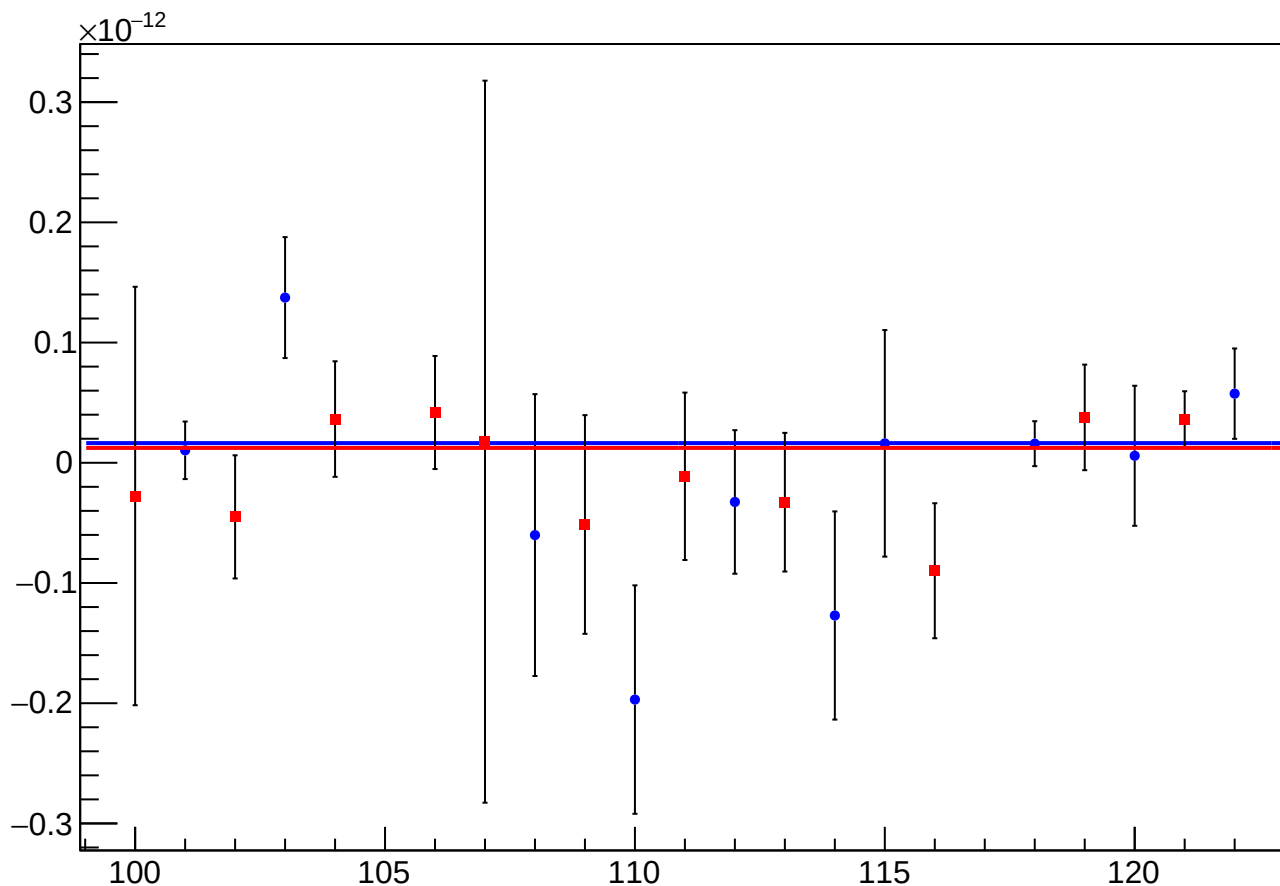
Right: 64.322+/-0.016 χ^2/NDF : 852156.4/20

In: 61.557+/-0.023 χ^2/NDF :441876.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.322+/-0.016 χ^2/NDF : 852156.4/20

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/9

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

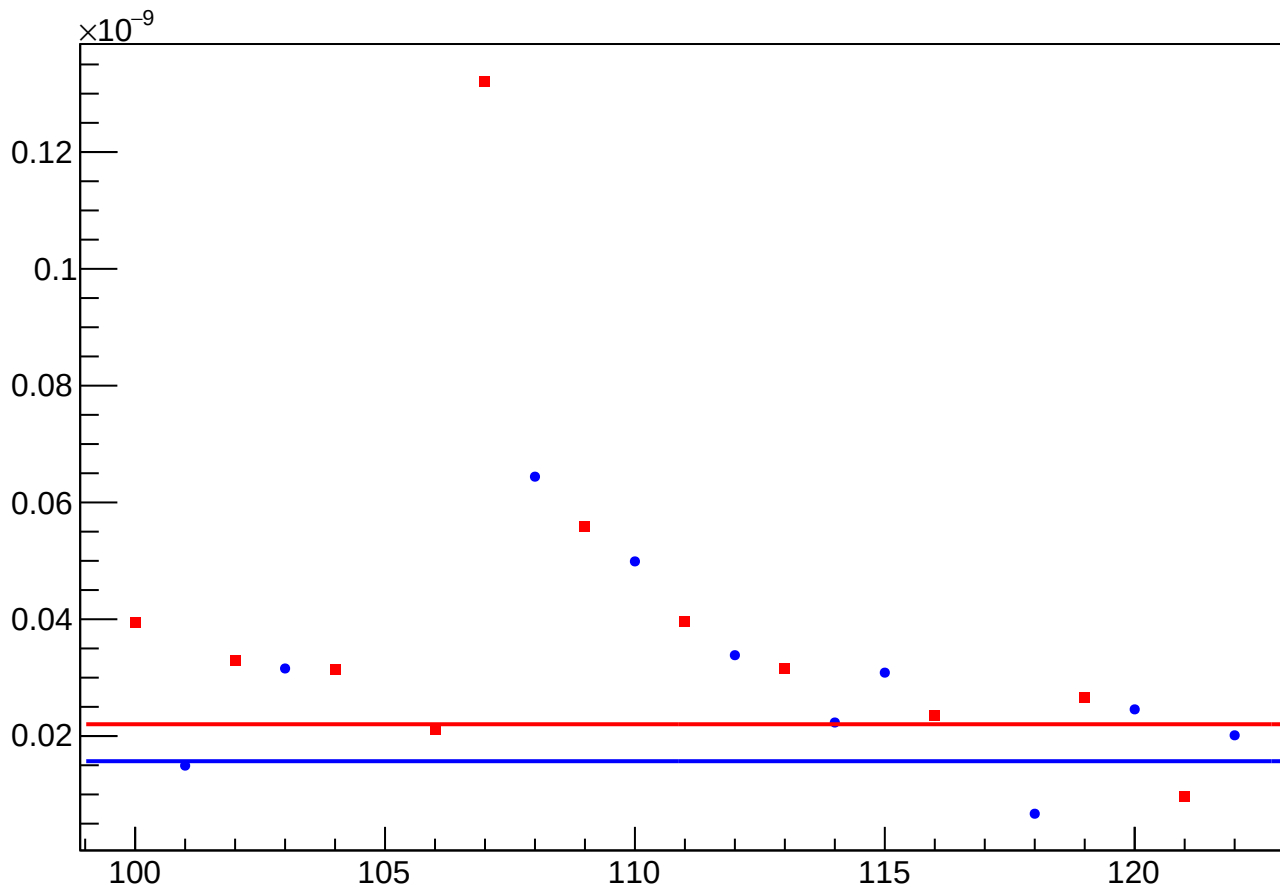
Right: 0.000+/-0.000 χ^2/NDF : 23.9/20

In: 0.000+/-0.000 χ^2/NDF : 16.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.9/20

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1591312.7/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1505165.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

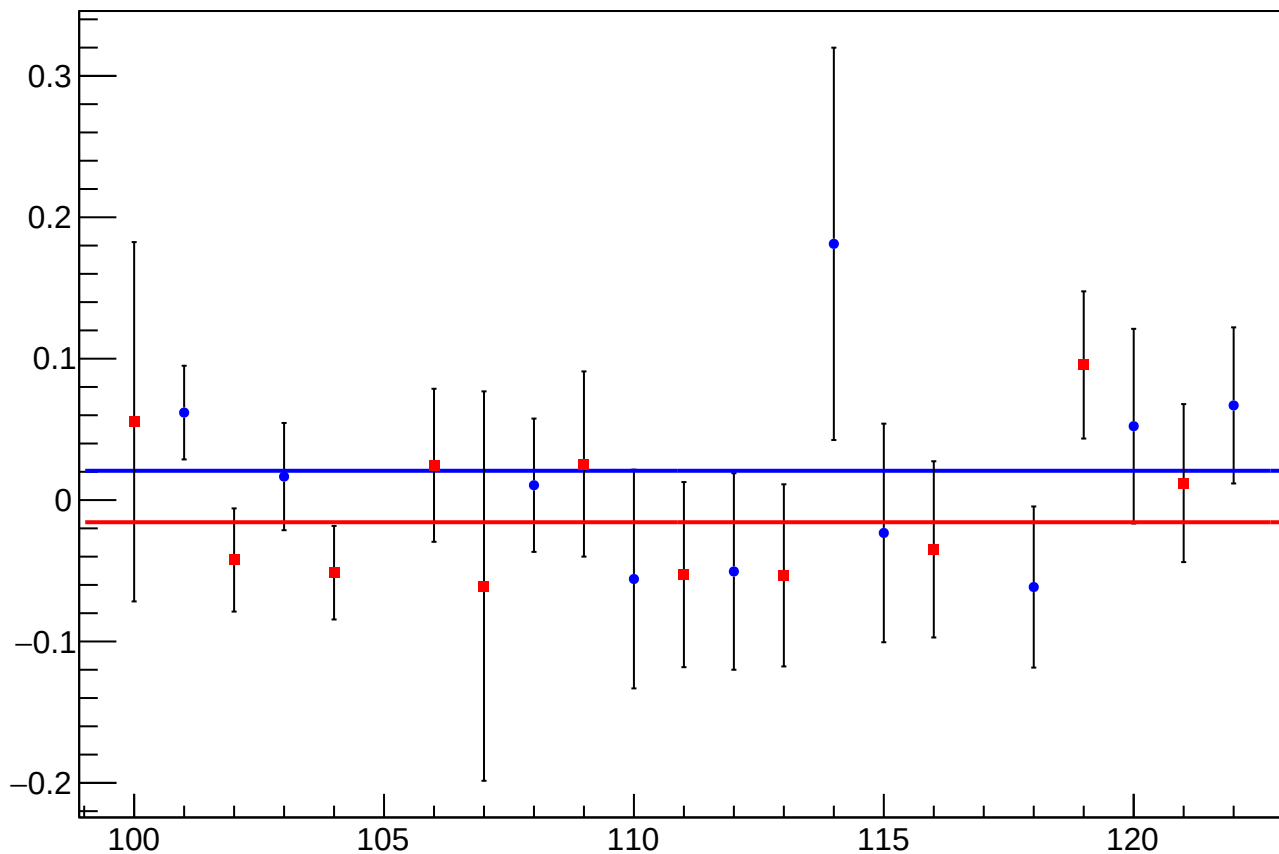
Right: 0.000+/-0.000 χ^2/NDF : 3316298.5/20

In: 0.000+/-0.000 χ^2/NDF : 1591312.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3316298.5/20

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.3/9

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

Right Out: -0.016+/-0.016 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

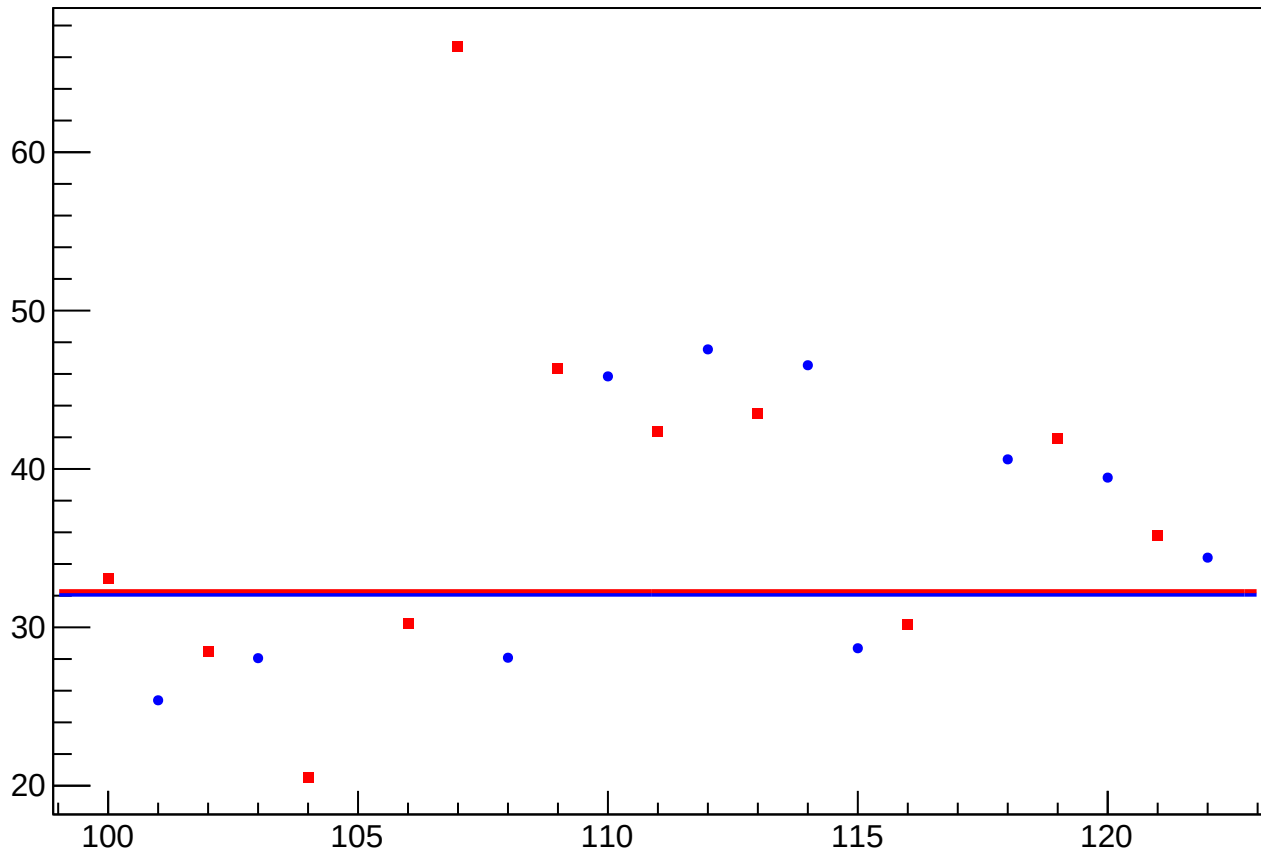
Right: 0.002+/-0.012 χ^2/NDF : 19.3/20

In: 0.021+/-0.017 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 19.3/20

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.063+/-0.012 χ^2/NDF : 377749.5/9

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

Right Out: 32.285+/-0.012 χ^2/NDF : 681153.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

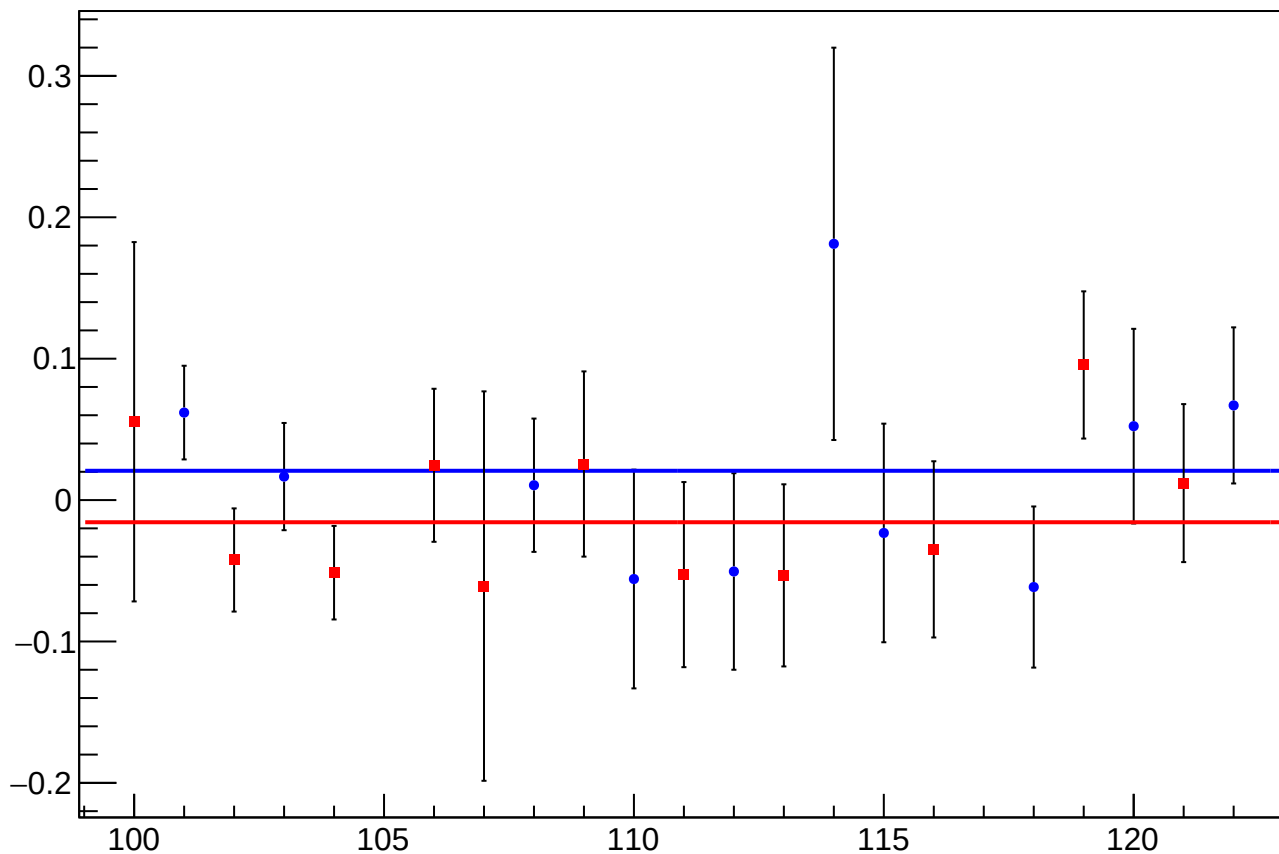
Right: 32.178+/-0.008 χ^2/NDF : 1059083.2/20

In: 32.063+/-0.012 χ^2/NDF : 377749.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.178+/-0.008 χ^2/NDF : 1059083.2/20

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.3/9

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

Right Out: -0.016+/-0.016 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

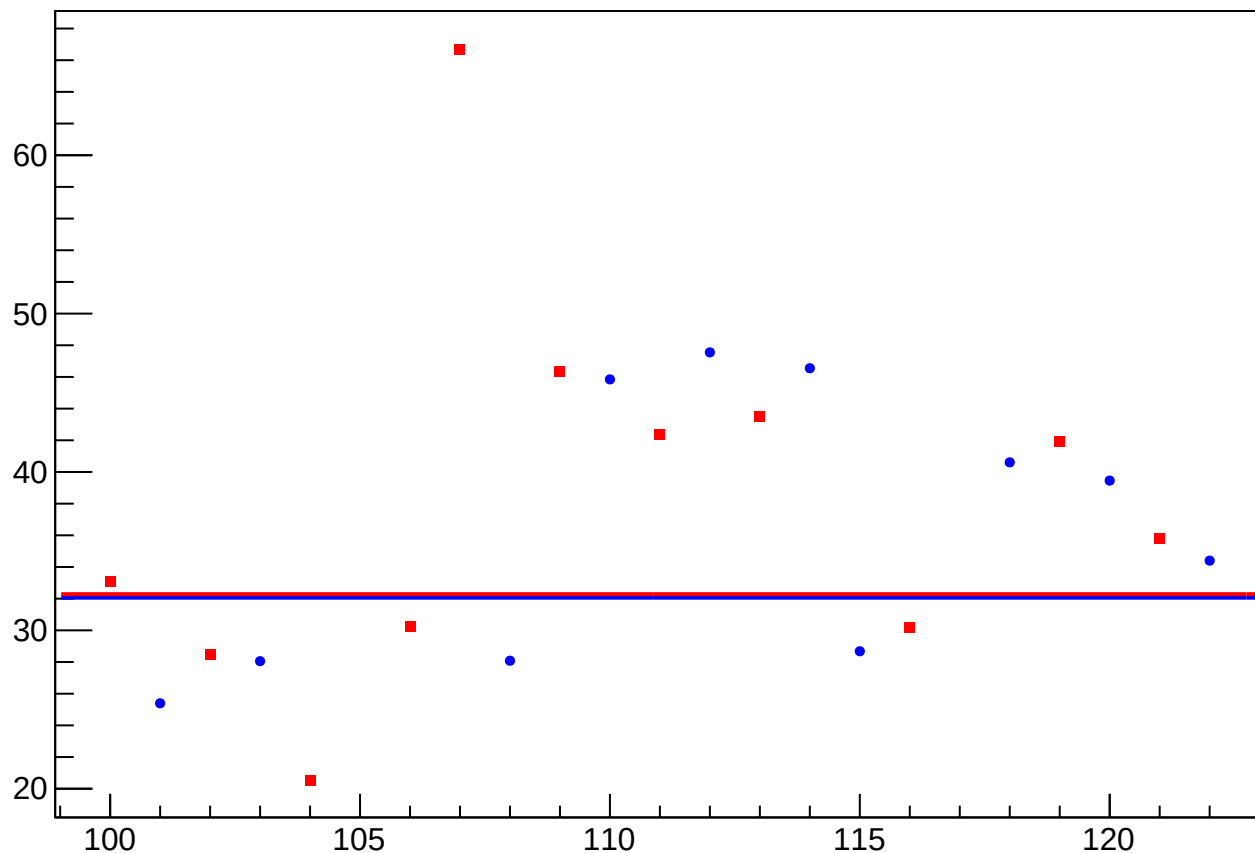
Right: 0.002+/-0.012 χ^2/NDF : 19.3/20

In: 0.021+/-0.017 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 19.3/20

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.063+/-0.012 χ^2/NDF : 377749.5/9

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

Right Out: 32.285+/-0.012 χ^2/NDF : 681153.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

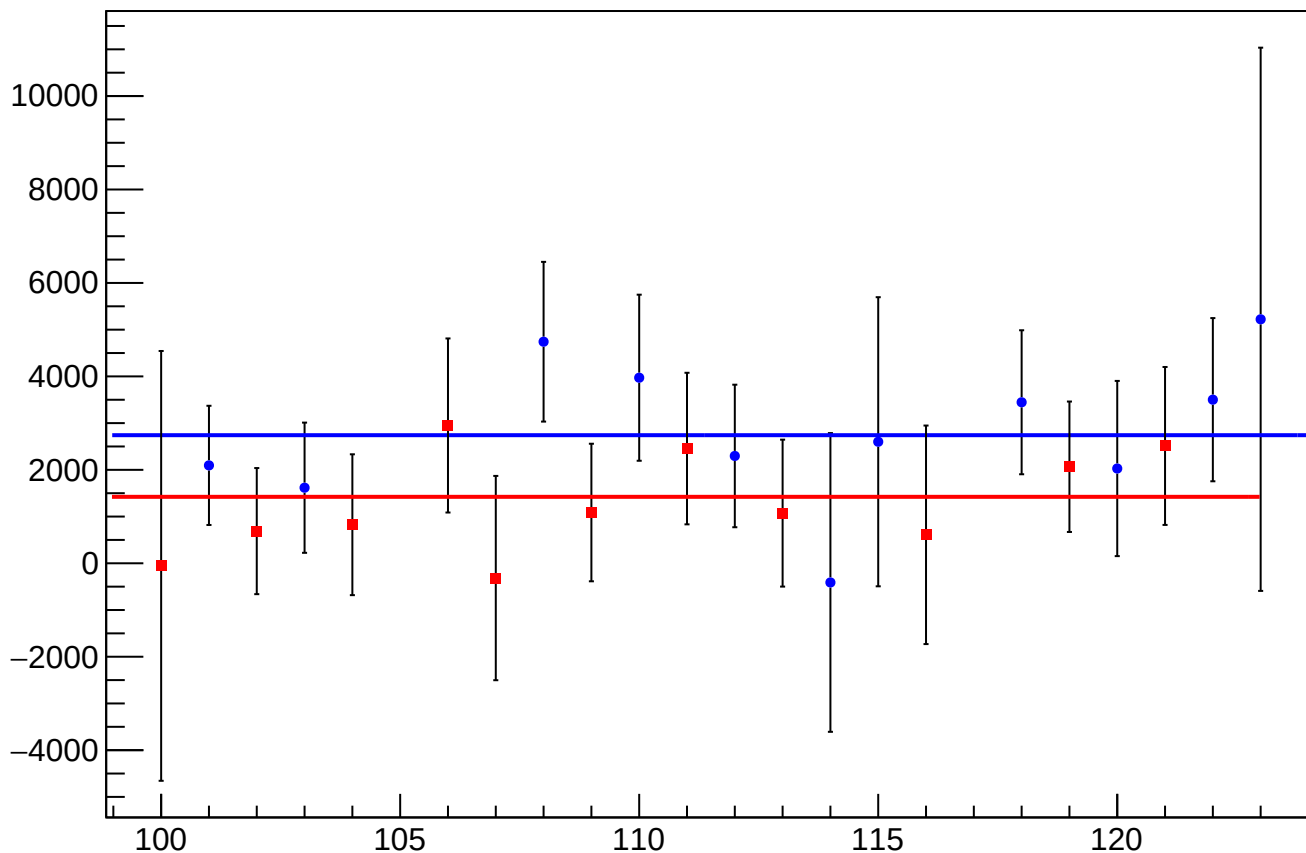
Right: 32.178+/-0.008 χ^2/NDF : 1059083.2/20

In: 32.063+/-0.012 χ^2/NDF : 377749.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.178+/-0.008 χ^2/NDF : 1059083.2/20

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2741.622+/-535.780 χ^2/NDF : 4.5/10

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

Right Out: 1422.423+/-511.241 χ^2/NDF : 3.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

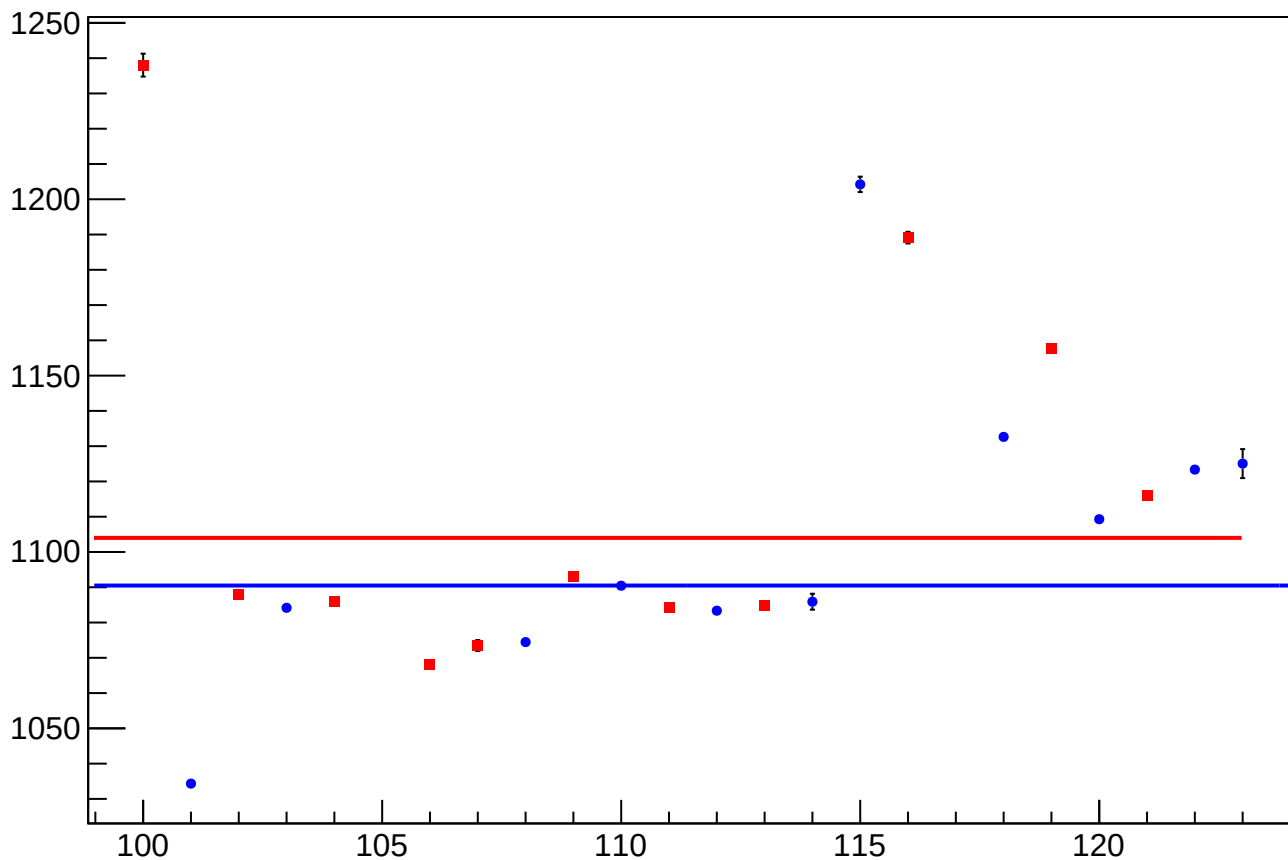
Right: 2051.121+/-369.873 χ^2/NDF : 10.8/21

In: 2741.622+/-535.780 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.121+/-369.873 χ^2/NDF : 10.8/21

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.489+/-0.379 χ^2/NDF : 9320.5/10

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

Right Out: 1104.000+/-0.362 χ^2/NDF : 9797.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

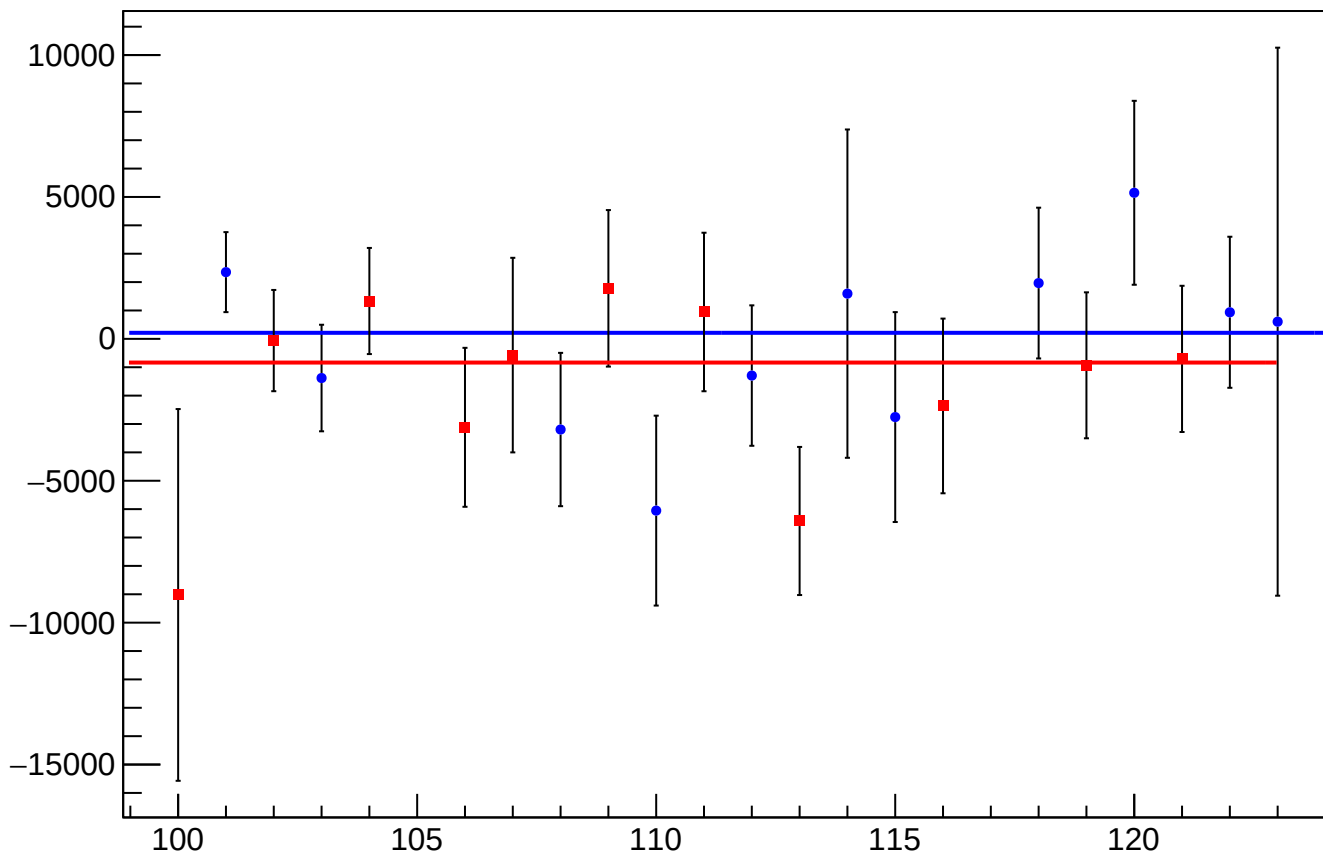
Right: 1097.561+/-0.262 χ^2/NDF : 19784.0/21

In: 1090.489+/-0.379 χ^2/NDF : 9320.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.561+/-0.262 χ^2/NDF : 19784.0/21

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 213.054+/-774.152 χ^2/NDF : 12.0/10

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

Right Out: -835.092+/-778.467 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

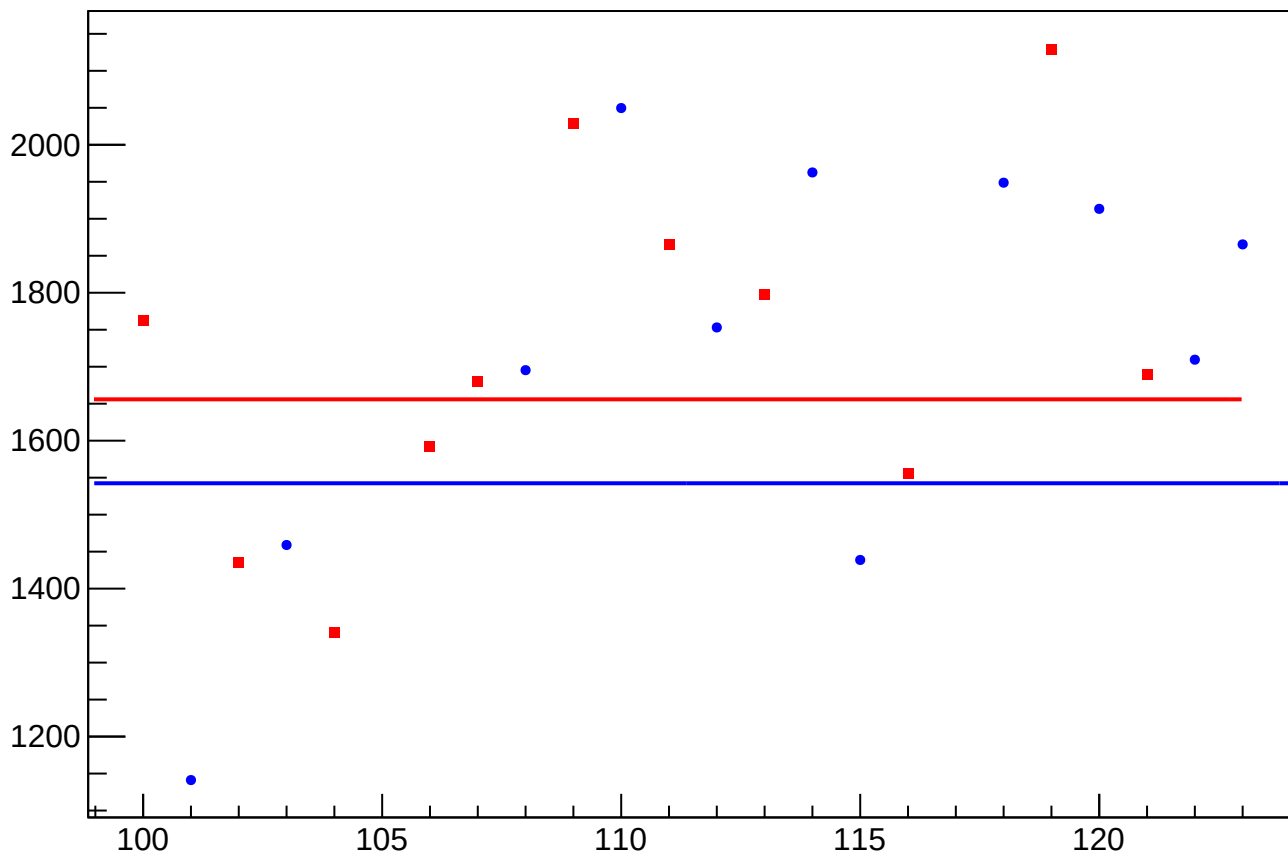
Right: -308.106+/-548.927 χ^2/NDF : 22.8/21

In: 213.054+/-774.152 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.106+/-548.927 χ^2/NDF : 22.8/21

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1542.449+/-0.547 χ^2/NDF : 328115.3/10

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

Right Out: 1655.904+/-0.550 χ^2/NDF : 212653.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

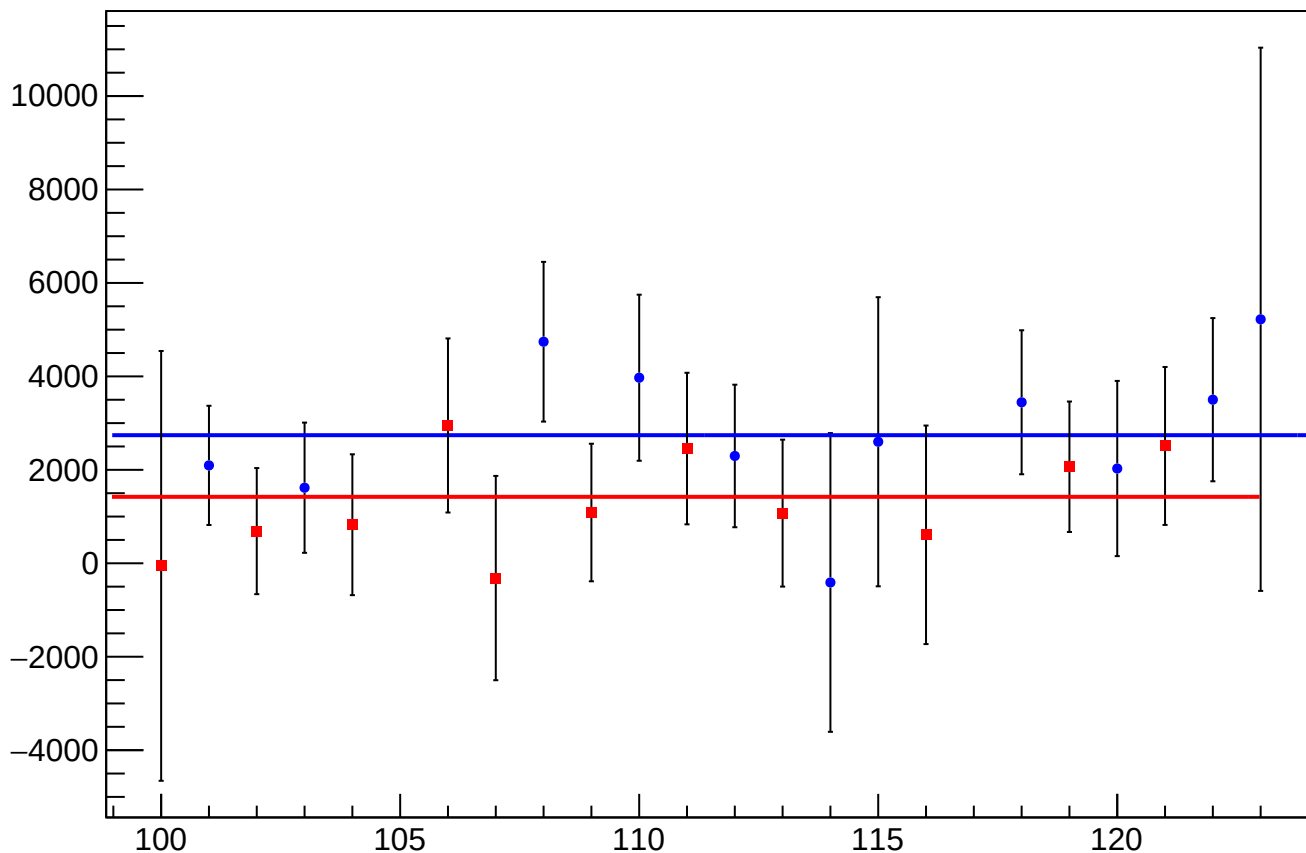
Right: 1598.861+/-0.388 χ^2/NDF : 562126.9/21

In: 1542.449+/-0.547 χ^2/NDF : 328115.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.861+/-0.388 χ^2/NDF : 562126.9/21

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2741.622+/-535.780 χ^2/NDF : 4.5/10

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

Right Out: 1422.423+/-511.241 χ^2/NDF : 3.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

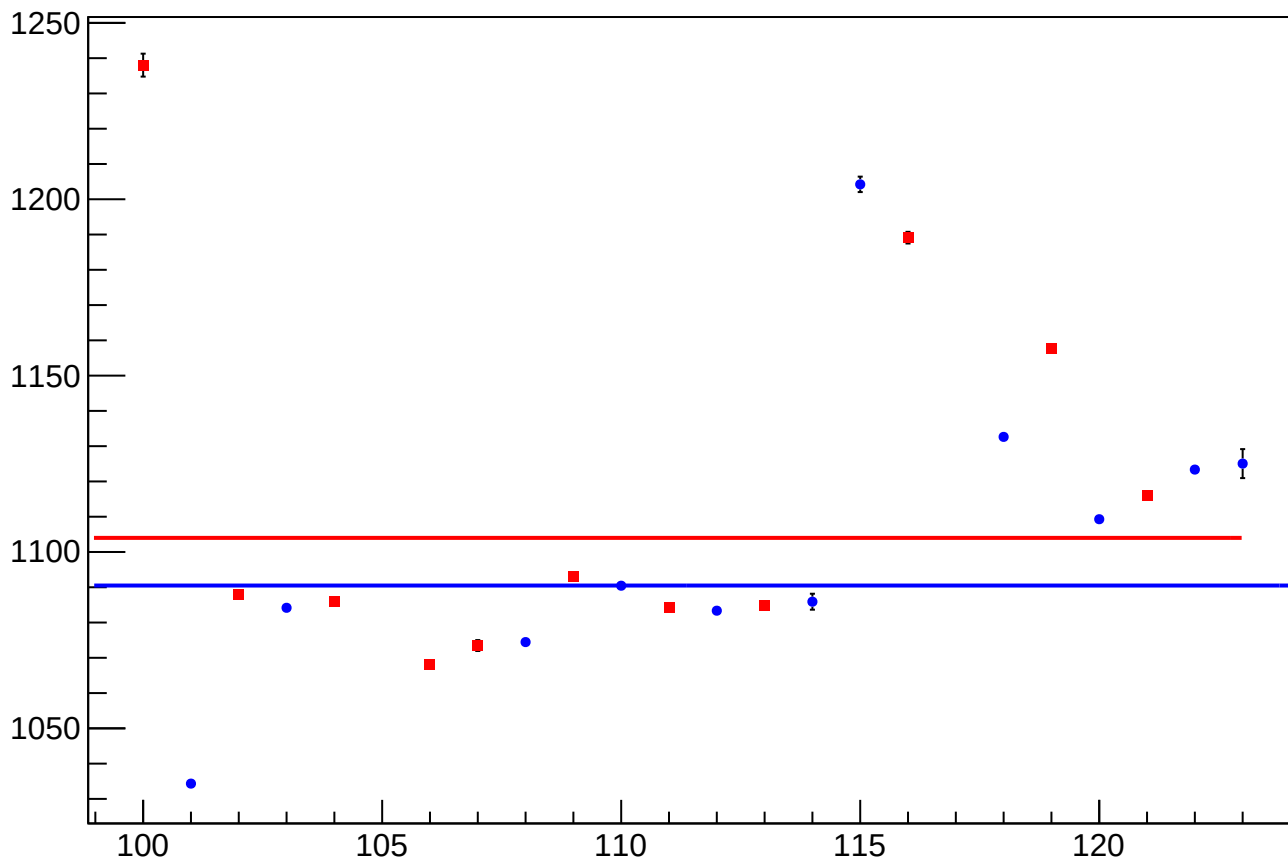
Right: 2051.121+/-369.873 χ^2/NDF : 10.8/21

In: 2741.622+/-535.780 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.121+/-369.873 χ^2/NDF : 10.8/21

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.489+/-0.379 χ^2/NDF : 9320.5/10

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

Right Out: 1104.000+/-0.362 χ^2/NDF : 9797.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

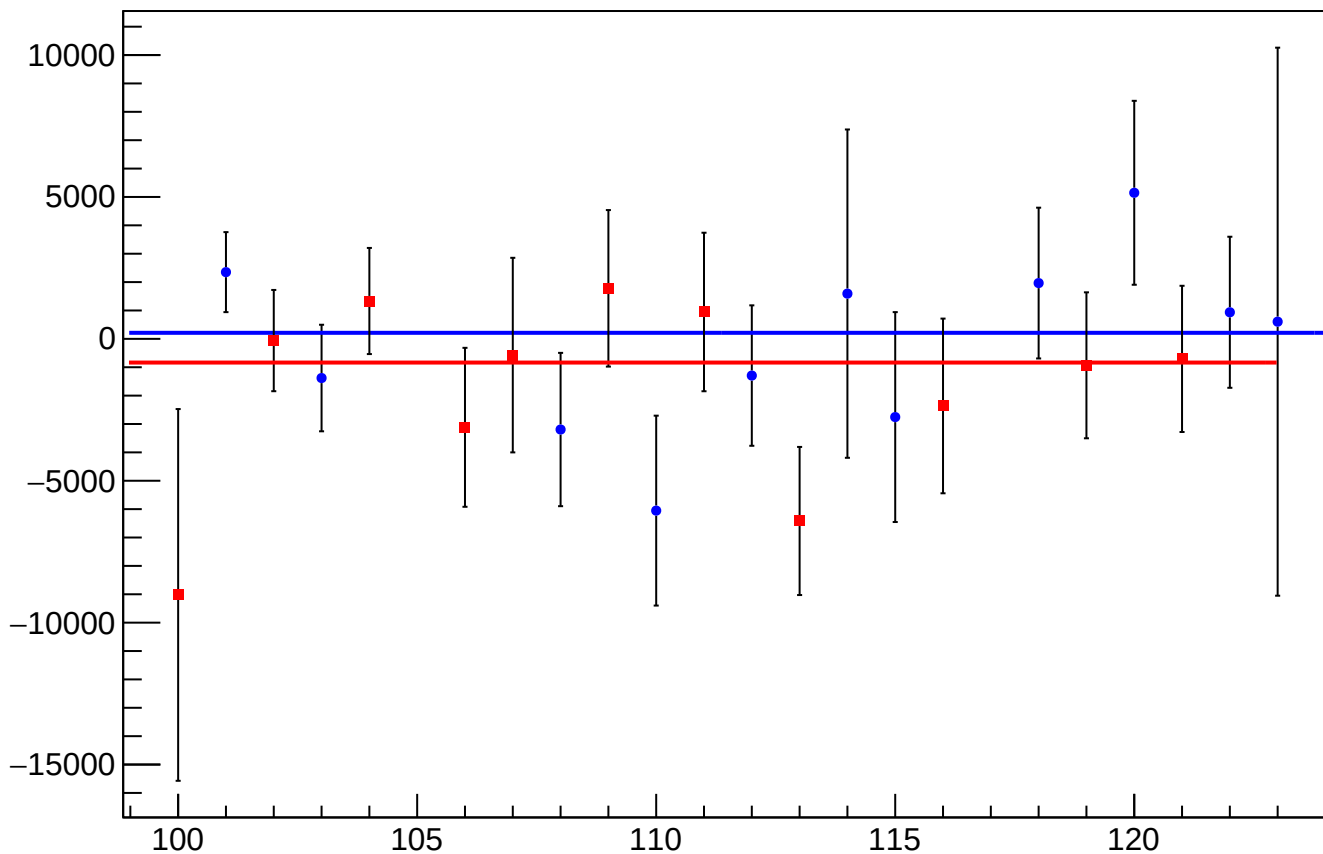
Right: 1097.561+/-0.262 χ^2/NDF : 19784.0/21

In: 1090.489+/-0.379 χ^2/NDF : 9320.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.561+/-0.262 χ^2/NDF : 19784.0/21

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 213.054+/-774.152 χ^2/NDF : 12.0/10

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

Right Out: -835.092+/-778.467 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

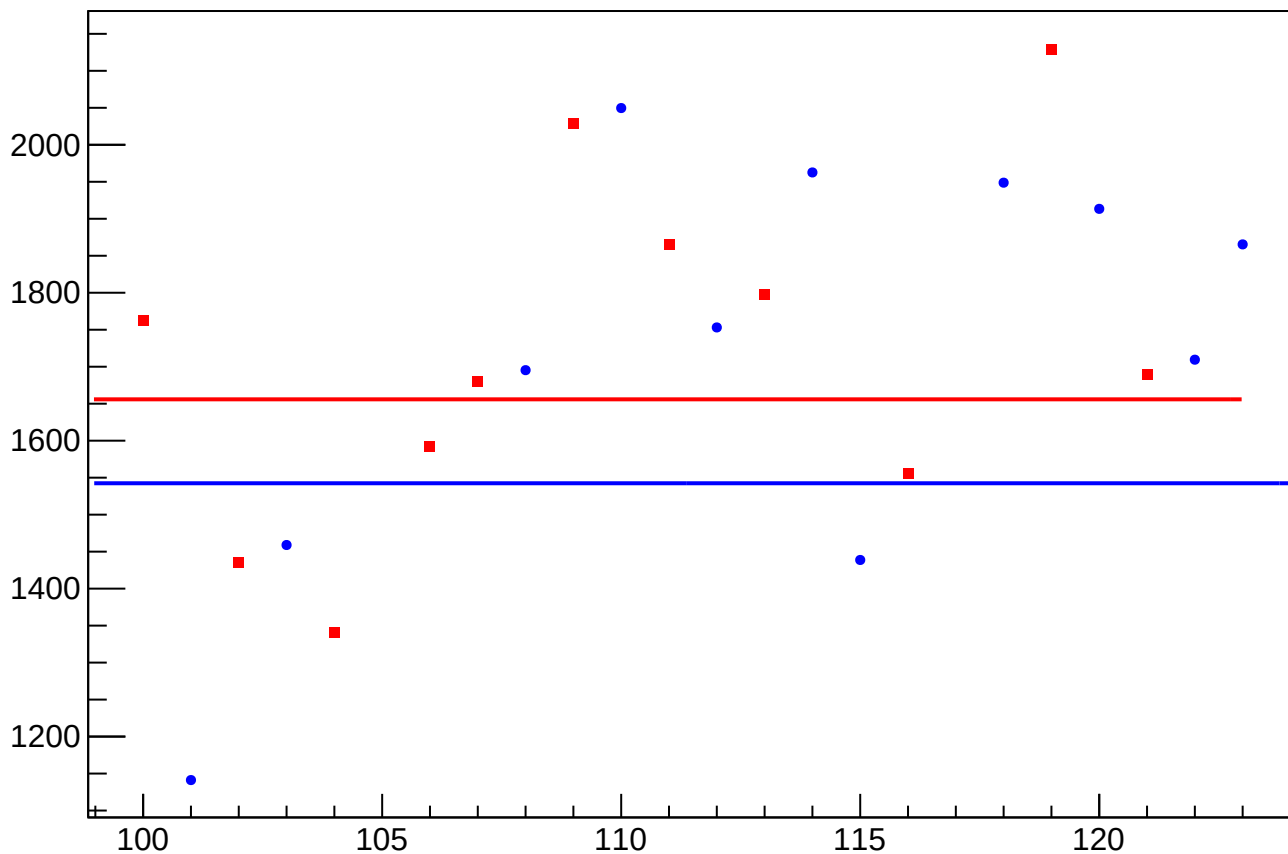
Right: -308.106+/-548.927 χ^2/NDF : 22.8/21

In: 213.054+/-774.152 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.106+/-548.927 χ^2/NDF : 22.8/21

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1542.449+/-0.547 χ^2/NDF : 328115.3/10

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

Right Out: 1655.904+/-0.550 χ^2/NDF : 212653.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

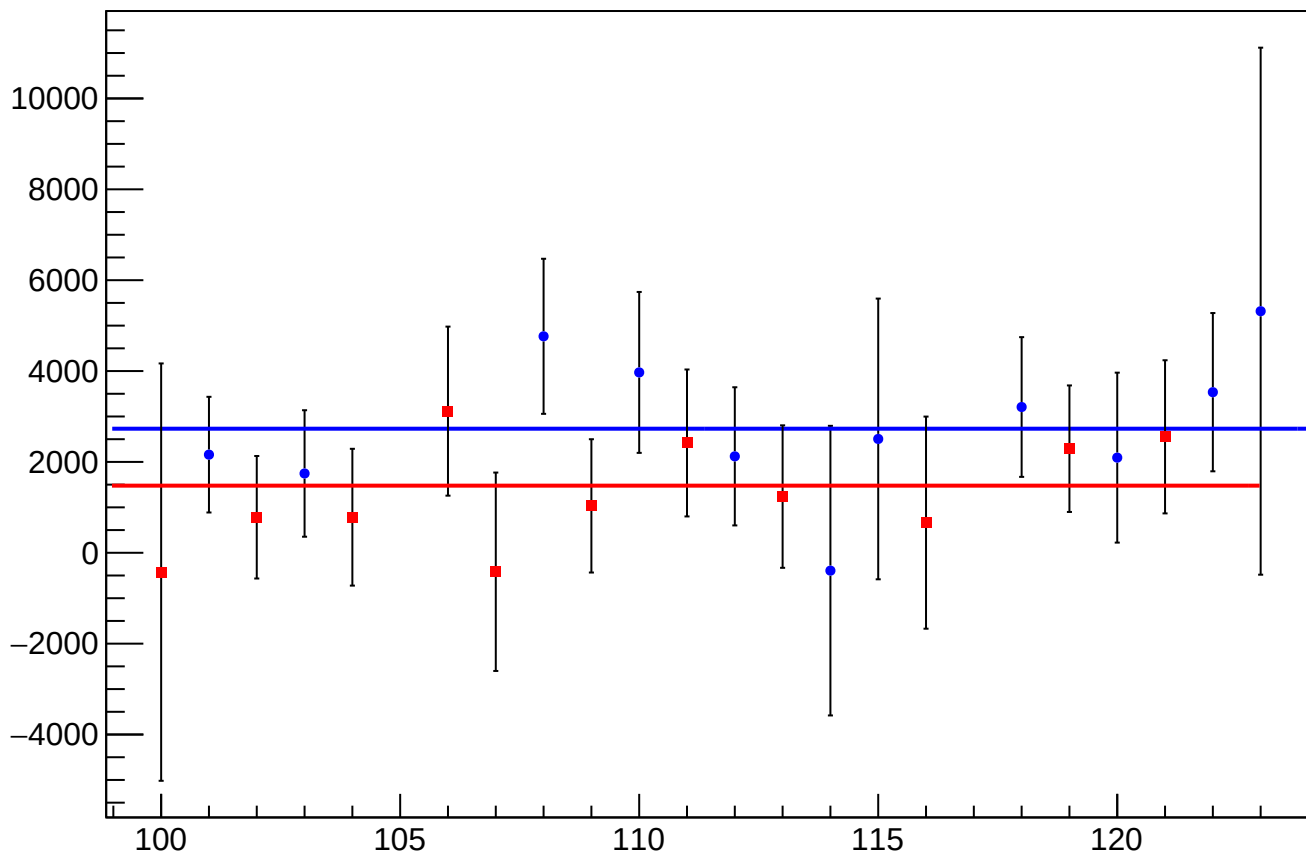
Right: 1598.861+/-0.388 χ^2/NDF : 562126.9/21

In: 1542.449+/-0.547 χ^2/NDF : 328115.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.861+/-0.388 χ^2/NDF : 562126.9/21

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2731.108+/-534.589 χ^2/NDF : 4.4/10

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

Right Out: 1477.678+/-510.147 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

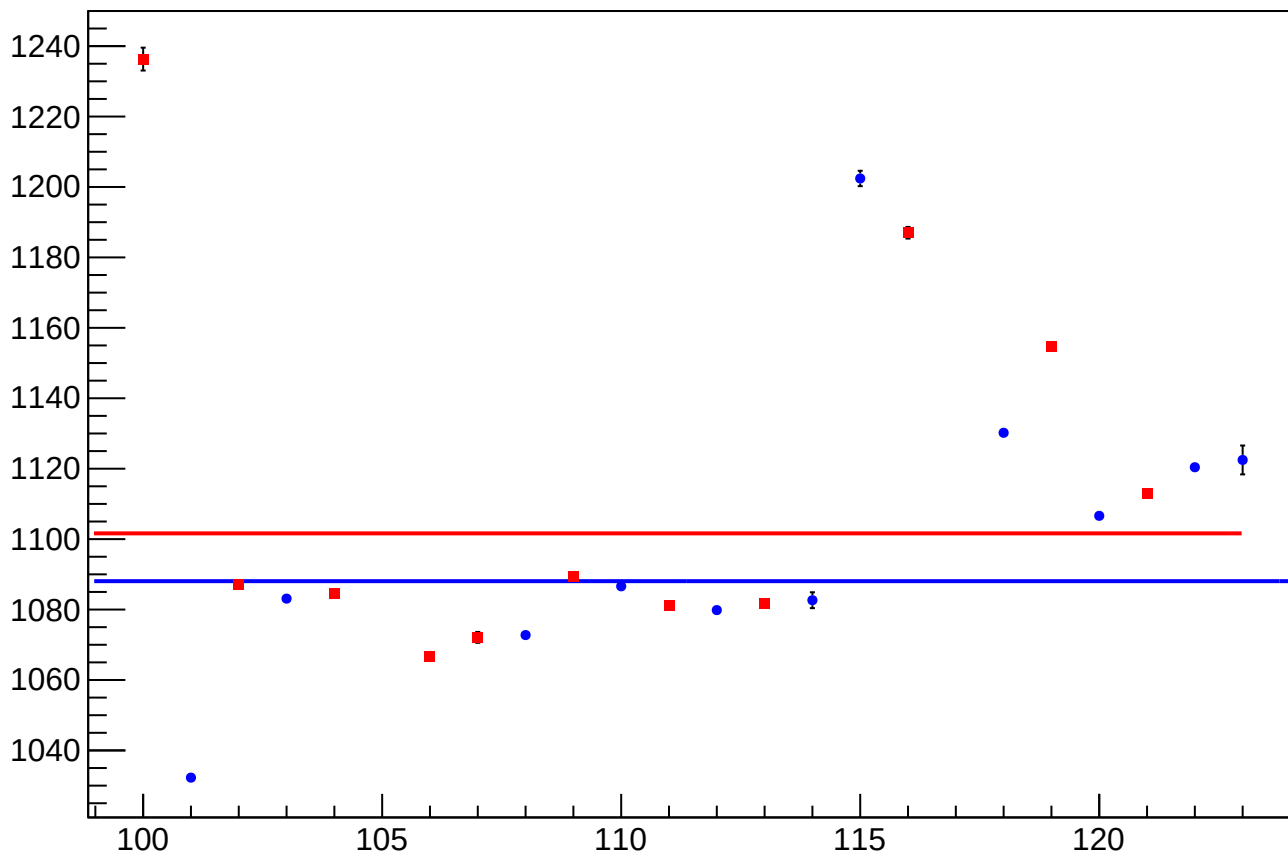
Right: 2075.085+/-369.067 χ^2/NDF : 10.7/21

In: 2731.108+/-534.589 χ^2/NDF : 4.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.085+/-369.067 χ^2/NDF : 10.7/21

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1088.064+/-0.378 χ^2/NDF : 9292.3/10

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

Right Out: 1101.635+/-0.361 χ^2/NDF : 9734.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

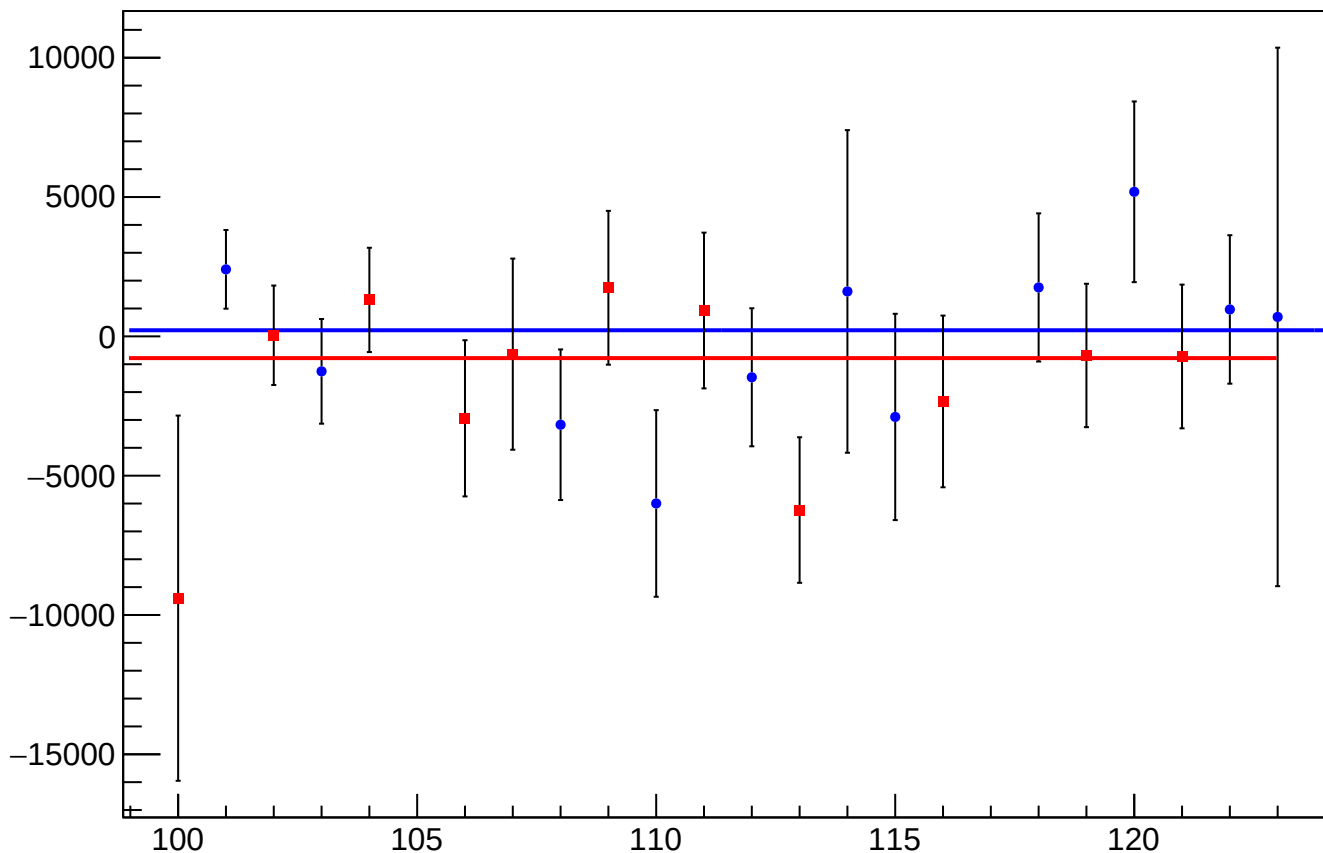
Right: 1095.167+/-0.261 χ^2/NDF : 19701.0/21

In: 1088.064+/-0.378 χ^2/NDF : 9292.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.167+/-0.261 χ^2/NDF : 19701.0/21

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 219.025+/-774.997 χ^2/NDF : 12.0/10

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

Right Out: -780.688+/-779.107 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

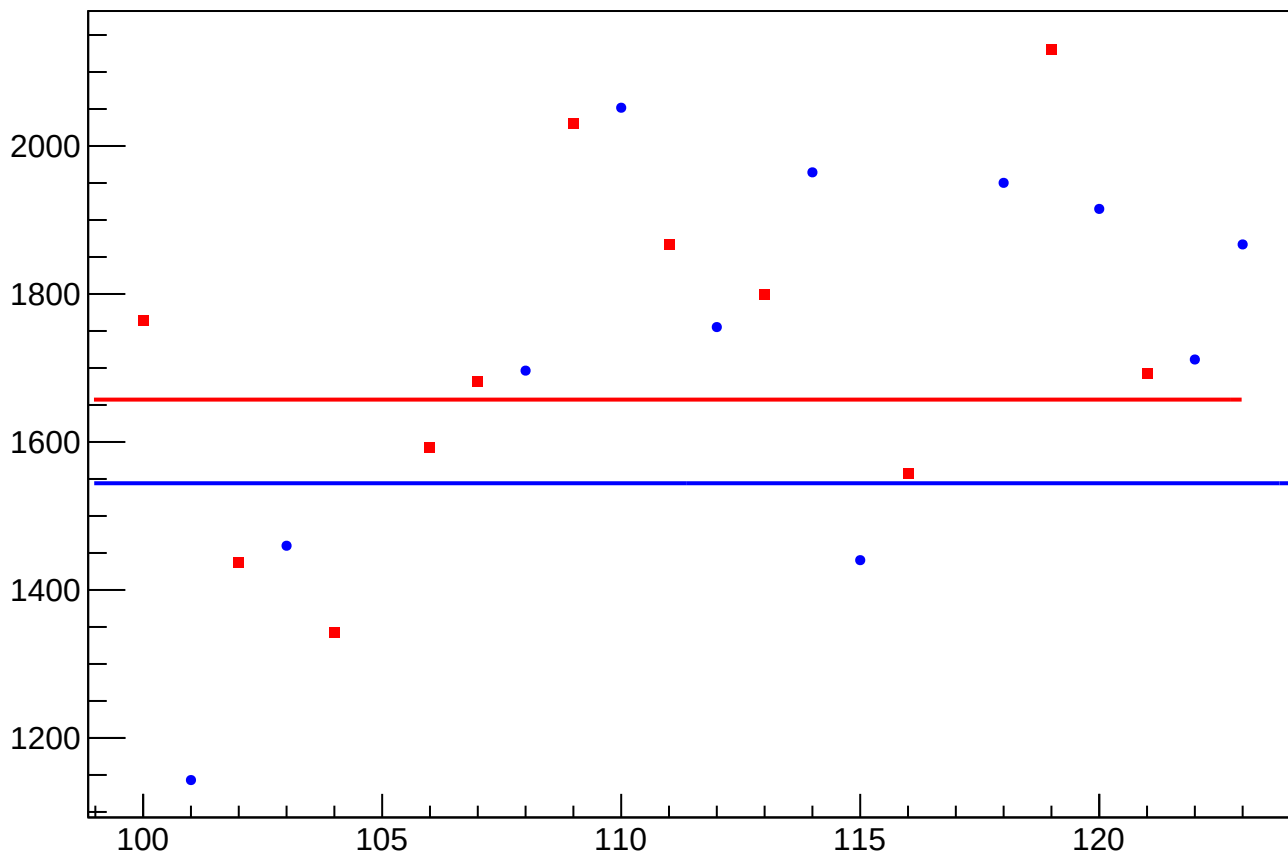
Right: -278.188+/-549.453 χ^2/NDF : 22.5/21

In: 219.025+/-774.997 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.188+/-549.453 χ^2/NDF : 22.5/21

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1544.228+/-0.548 χ^2/NDF : 327235.6/10

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

Right Out: 1657.266+/-0.551 χ^2/NDF : 212850.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

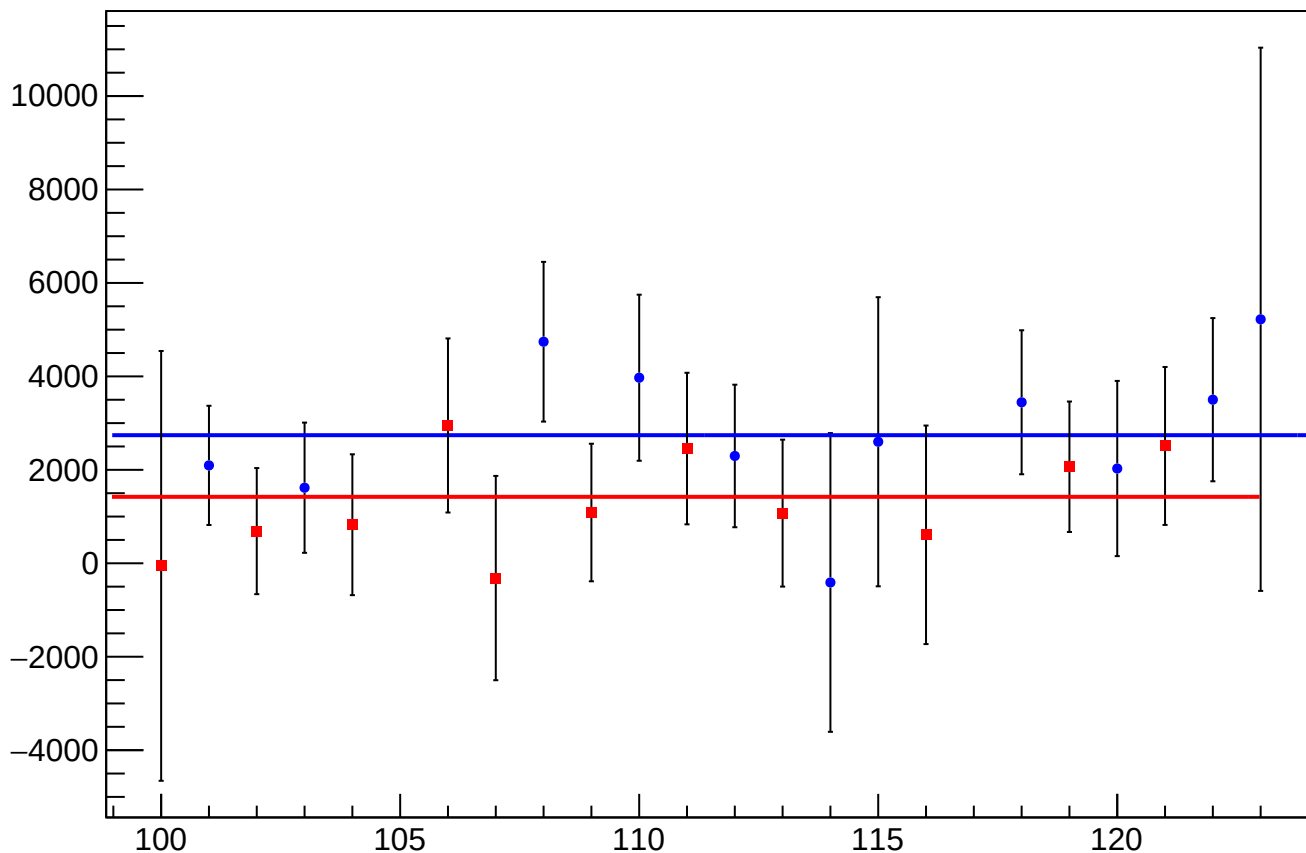
Right: 1600.448+/-0.389 χ^2/NDF : 561247.8/21

In: 1544.228+/-0.548 χ^2/NDF : 327235.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.448+/-0.389 χ^2/NDF : 561247.8/21

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2741.622+/-535.780 χ^2/NDF : 4.5/10

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

Right Out: 1422.423+/-511.241 χ^2/NDF : 3.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

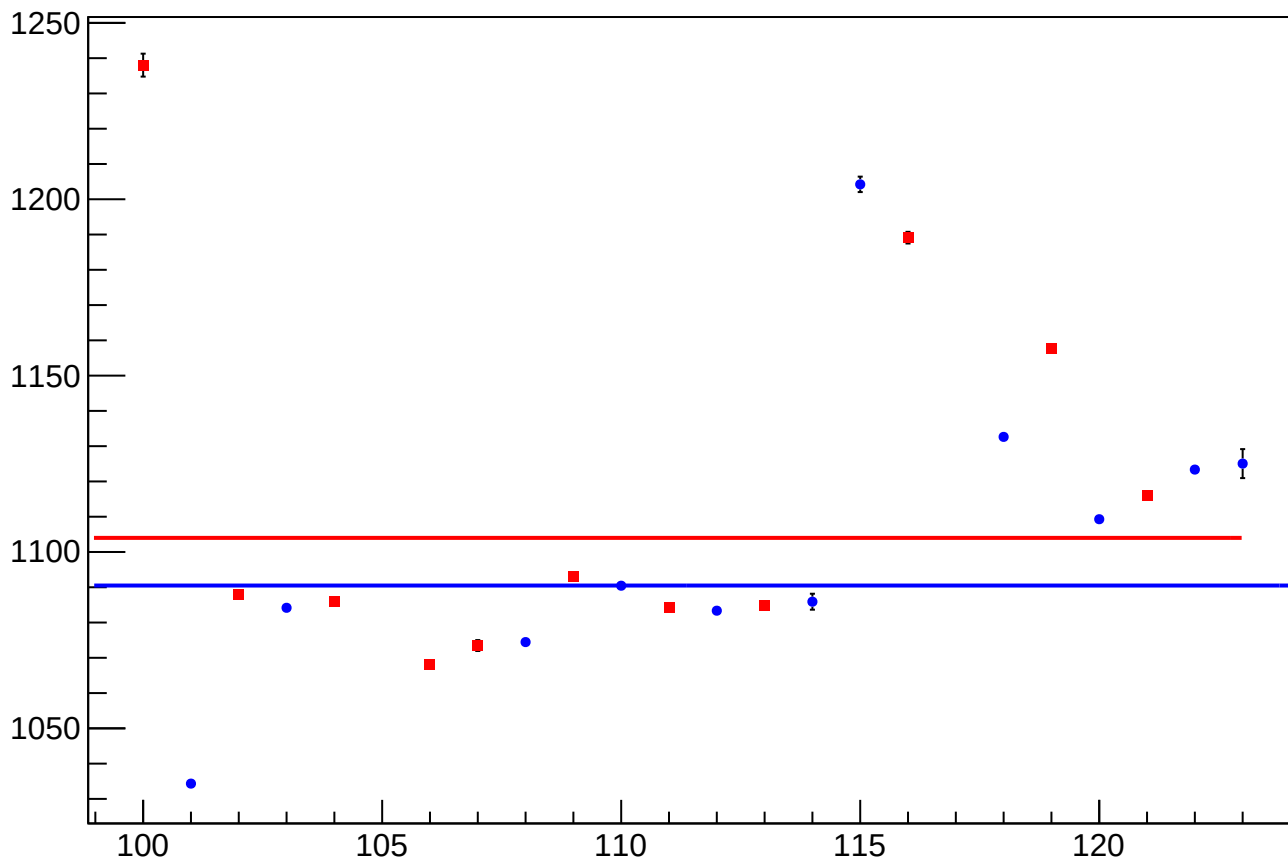
Right: 2051.121+/-369.873 χ^2/NDF : 10.8/21

In: 2741.622+/-535.780 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.121+/-369.873 χ^2/NDF : 10.8/21

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.489+/-0.379 χ^2/NDF : 9320.5/10

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

Right Out: 1104.000+/-0.362 χ^2/NDF : 9797.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

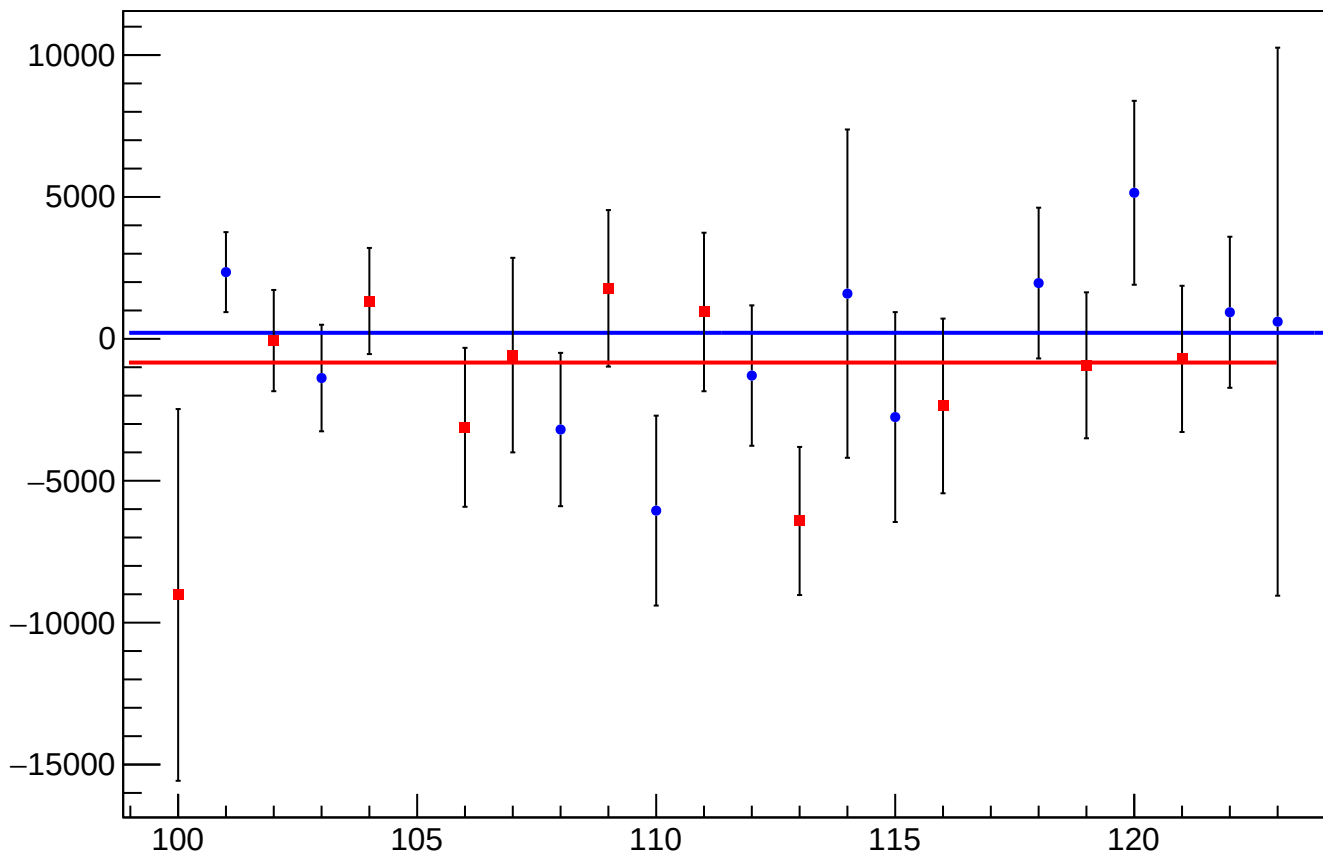
Right: 1097.561+/-0.262 χ^2/NDF : 19784.0/21

In: 1090.489+/-0.379 χ^2/NDF : 9320.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.561+/-0.262 χ^2/NDF : 19784.0/21

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 213.054+/-774.152 χ^2/NDF : 12.0/10

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

Right Out: -835.092+/-778.467 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

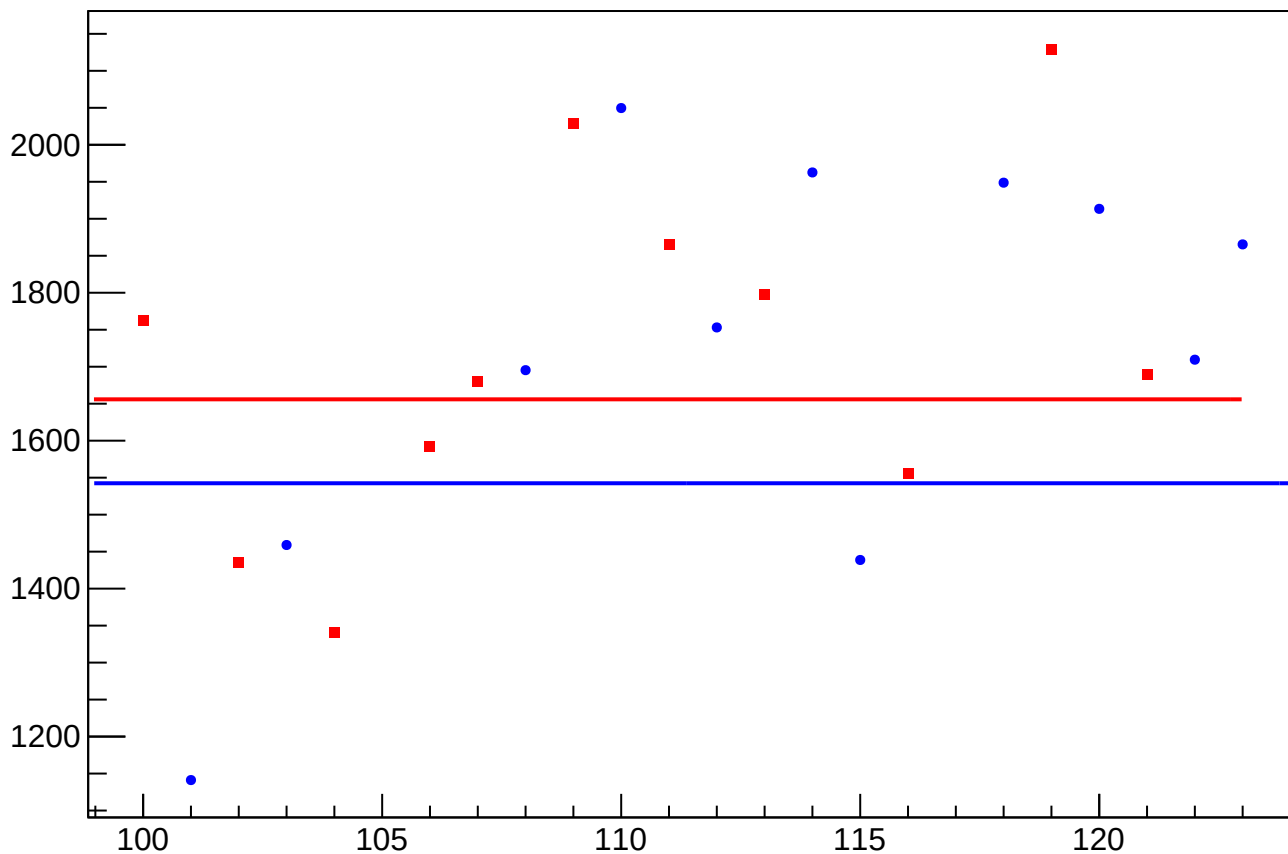
Right: -308.106+/-548.927 χ^2/NDF : 22.8/21

In: 213.054+/-774.152 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.106+/-548.927 χ^2/NDF : 22.8/21

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1542.449+/-0.547 χ^2/NDF : 328115.3/10

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

Right Out: 1655.904+/-0.550 χ^2/NDF : 212653.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

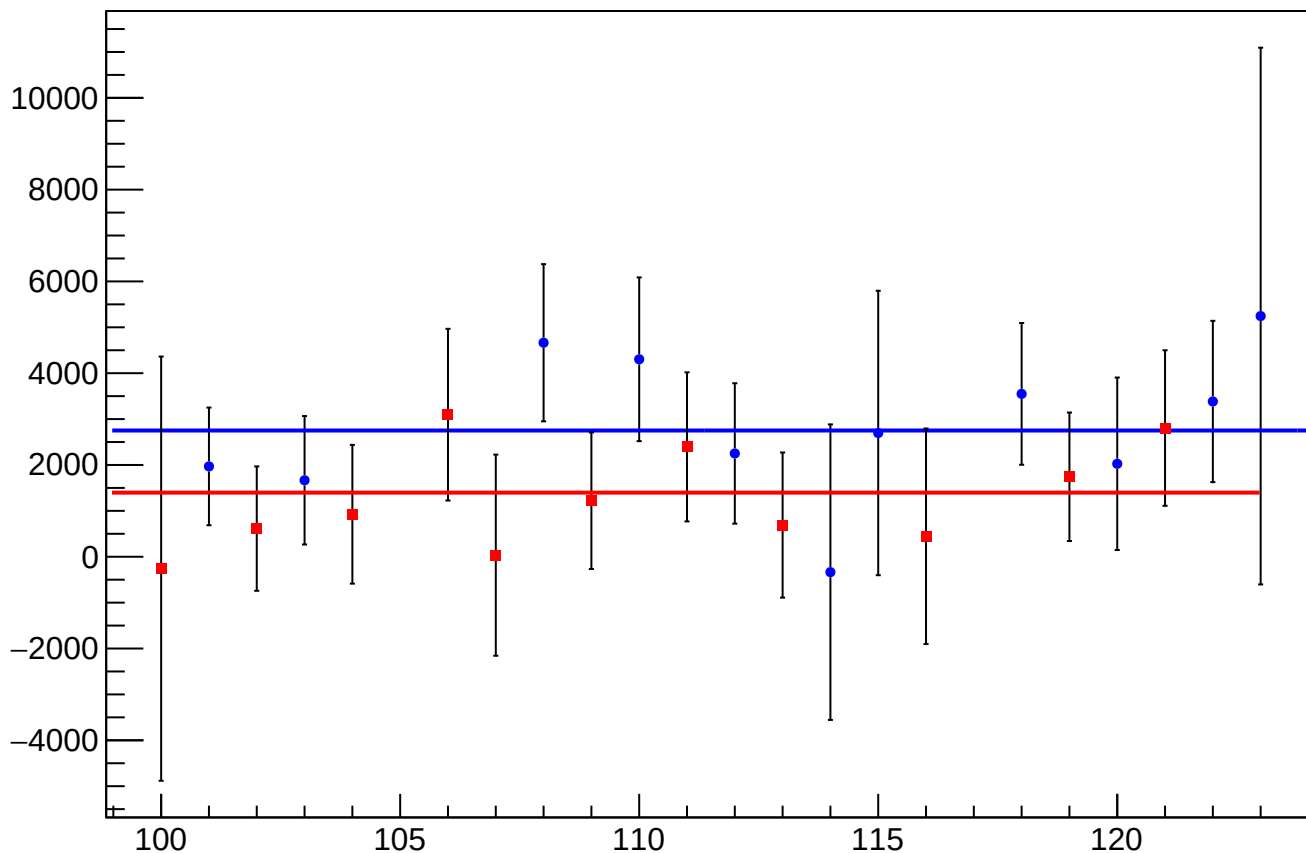
Right: 1598.861+/-0.388 χ^2/NDF : 562126.9/21

In: 1542.449+/-0.547 χ^2/NDF : 328115.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.861+/-0.388 χ^2/NDF : 562126.9/21

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2750.992 $\pm$ 537.861 χ^2/NDF : 4.7/10

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

Right Out: 1397.240 $\pm$ 513.486 χ^2/NDF : 3.3/10

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

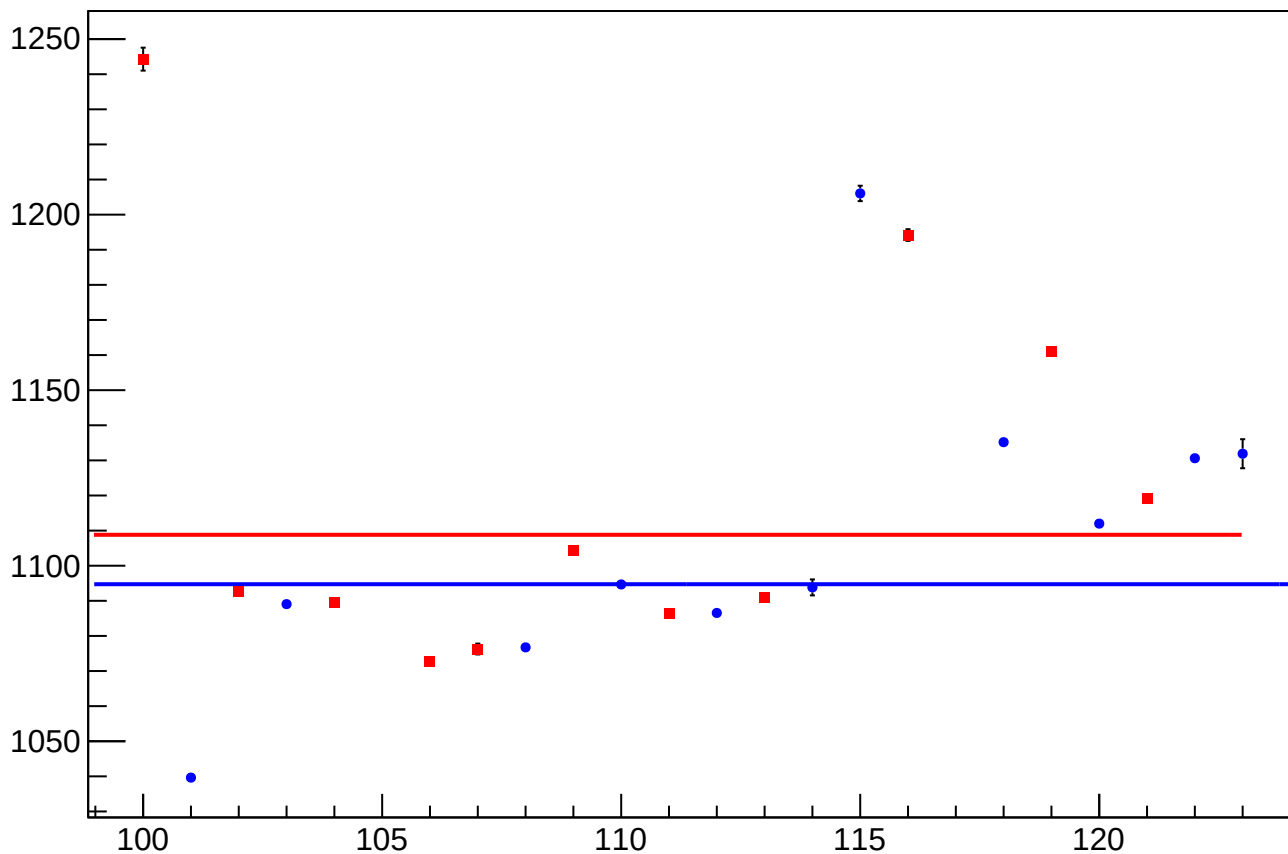
Right: 2042.747 $\pm$ 371.408 χ^2/NDF : 11.3/21

In: 2750.992 $\pm$ 537.861 χ^2/NDF : 4.7/10

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

All: 2042.747 $\pm$ 371.408 χ^2/NDF : 11.3/21

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1094.728+/-0.380 χ^2/NDF : 9038.5/10

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

Right Out: 1108.805+/-0.363 χ^2/NDF : 9674.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

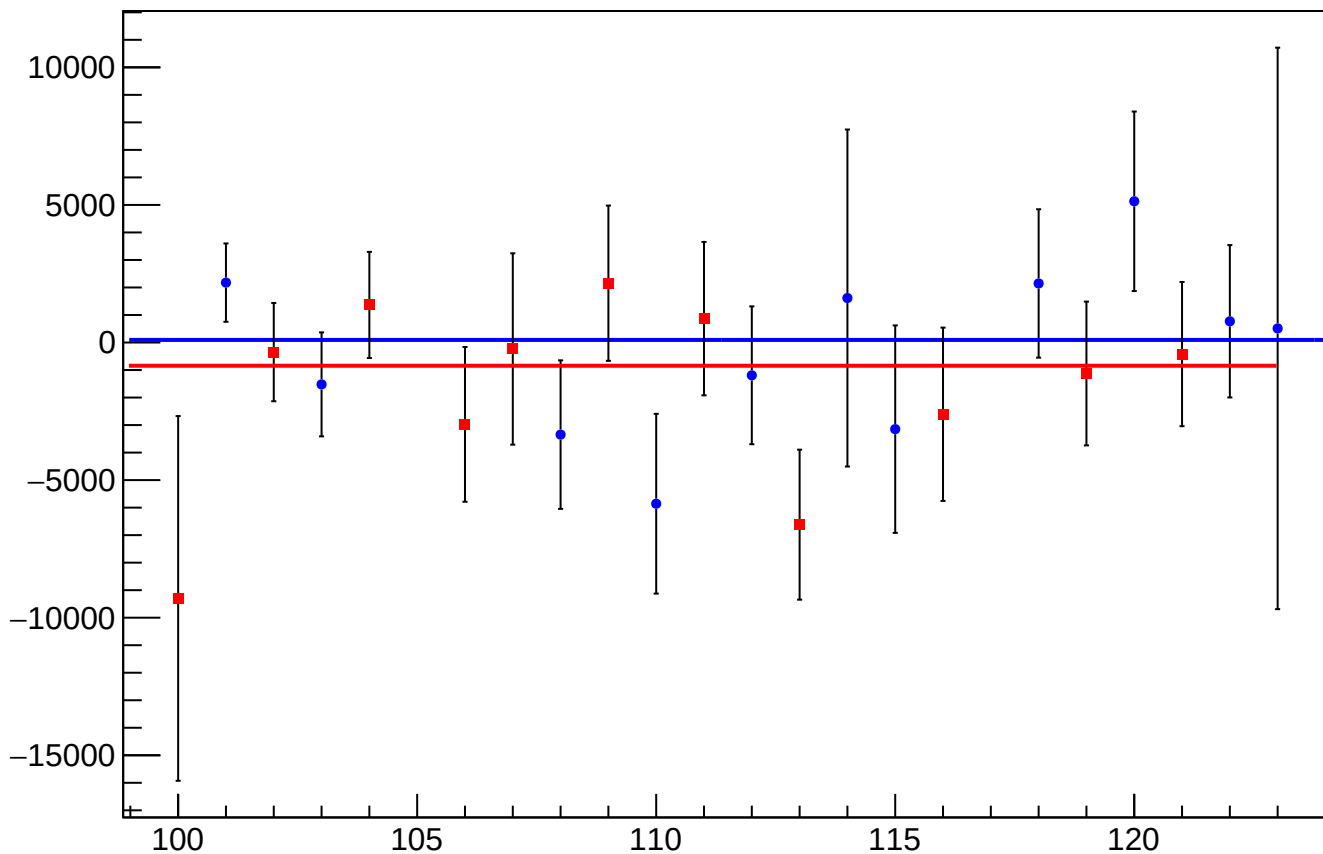
Right: 1102.093+/-0.263 χ^2/NDF : 19429.4/21

In: 1094.728+/-0.380 χ^2/NDF : 9038.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.093+/-0.263 χ^2/NDF : 19429.4/21

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 94.388+/-782.644 χ^2/NDF : 11.9/10

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

Right Out: -843.695+/-791.507 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

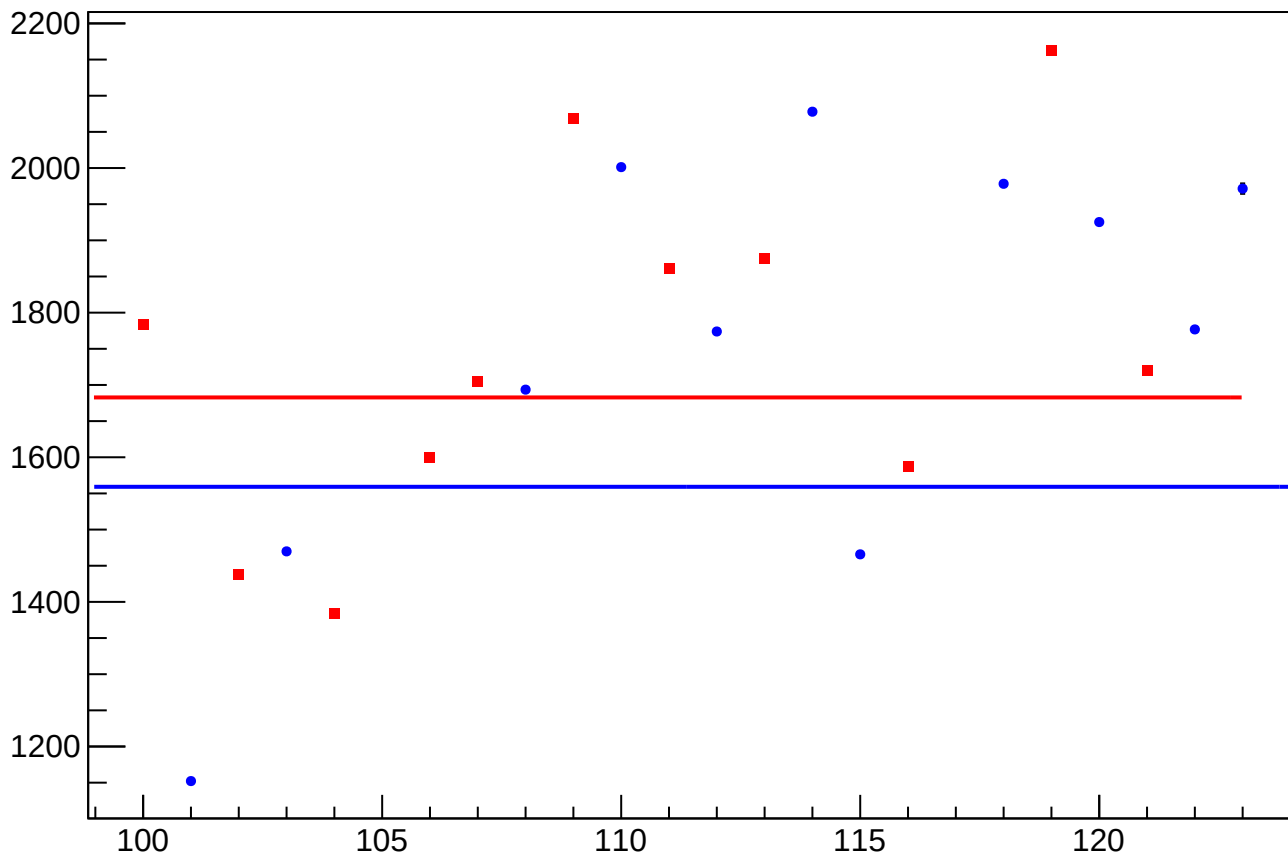
Right: -369.372+/-556.520 χ^2/NDF : 22.6/21

In: 94.388+/-782.644 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.372+/-556.520 χ^2/NDF : 22.6/21

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1559.164+/-0.553 χ^2/NDF : 328911.4/10

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

Right Out: 1682.746+/-0.560 χ^2/NDF : 213506.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

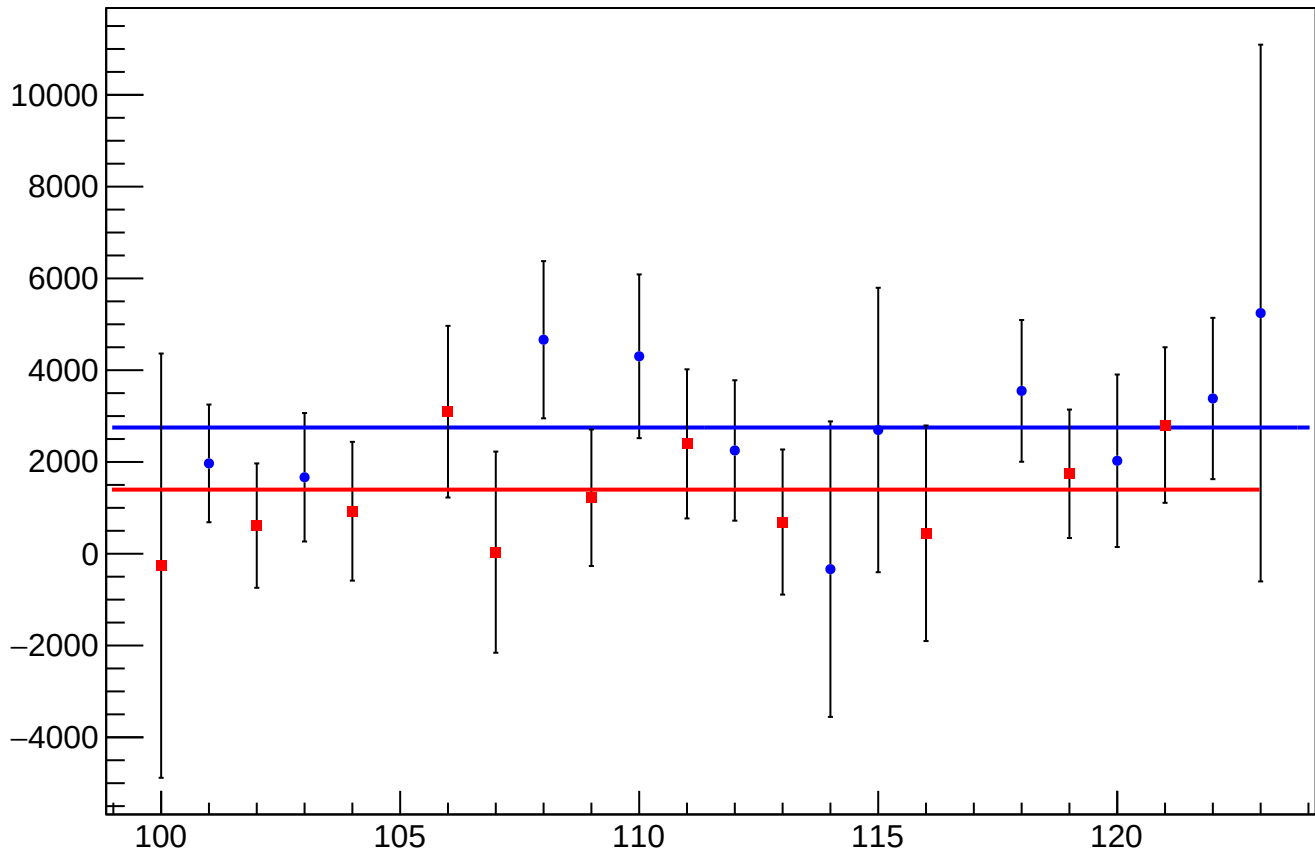
Right: 1620.259+/-0.394 χ^2/NDF : 567070.9/21

In: 1559.164+/-0.553 χ^2/NDF : 328911.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.259+/-0.394 χ^2/NDF : 567070.9/21

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2750.991+/-537.861 χ^2/NDF : 4.7/10

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

Right Out: 1397.243+/-513.486 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

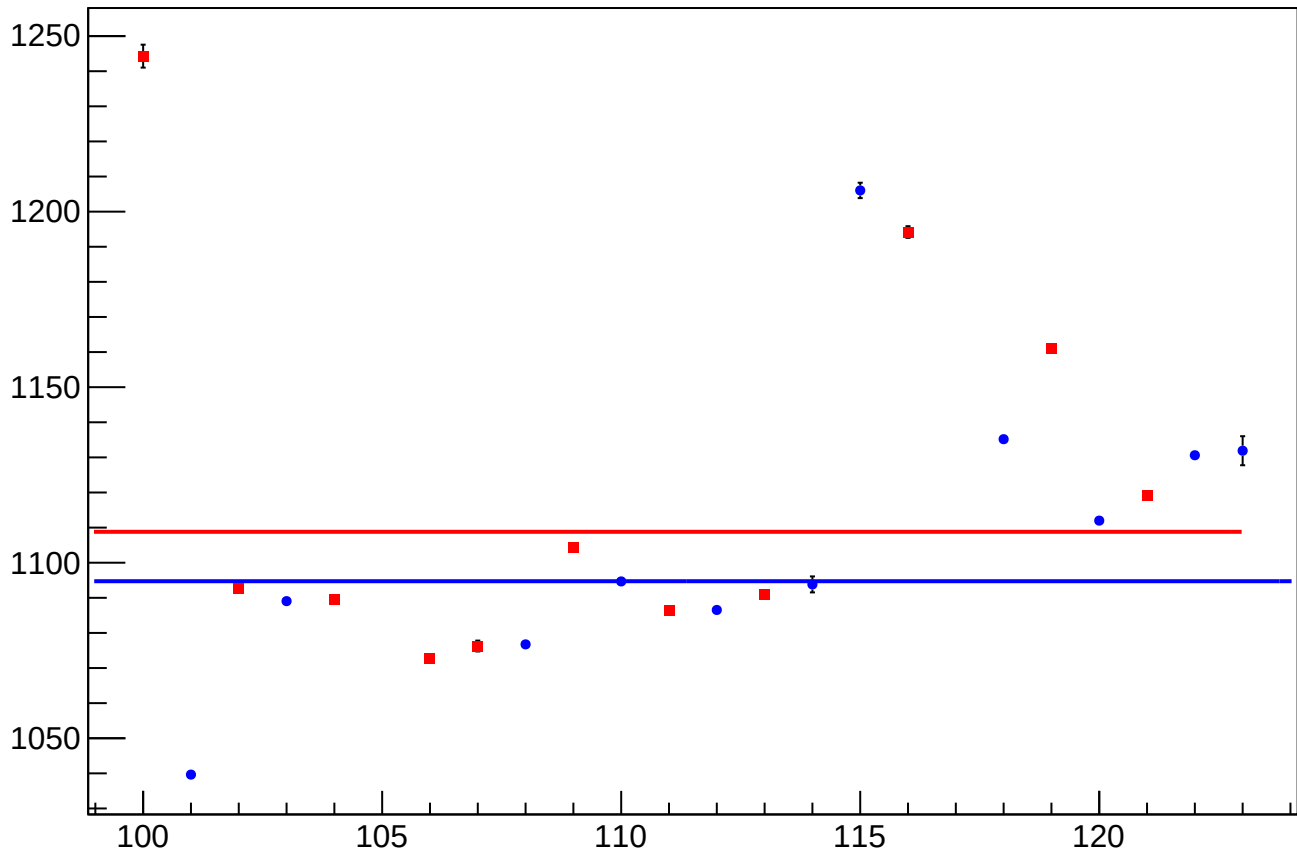
Right: 2042.749+/-371.408 χ^2/NDF : 11.3/21

In: 2750.991+/-537.861 χ^2/NDF : 4.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.749+/-371.408 χ^2/NDF : 11.3/21

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1094.728+/-0.380 χ^2/NDF : 9038.4/10

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

Right Out: 1108.805+/-0.363 χ^2/NDF : 9674.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

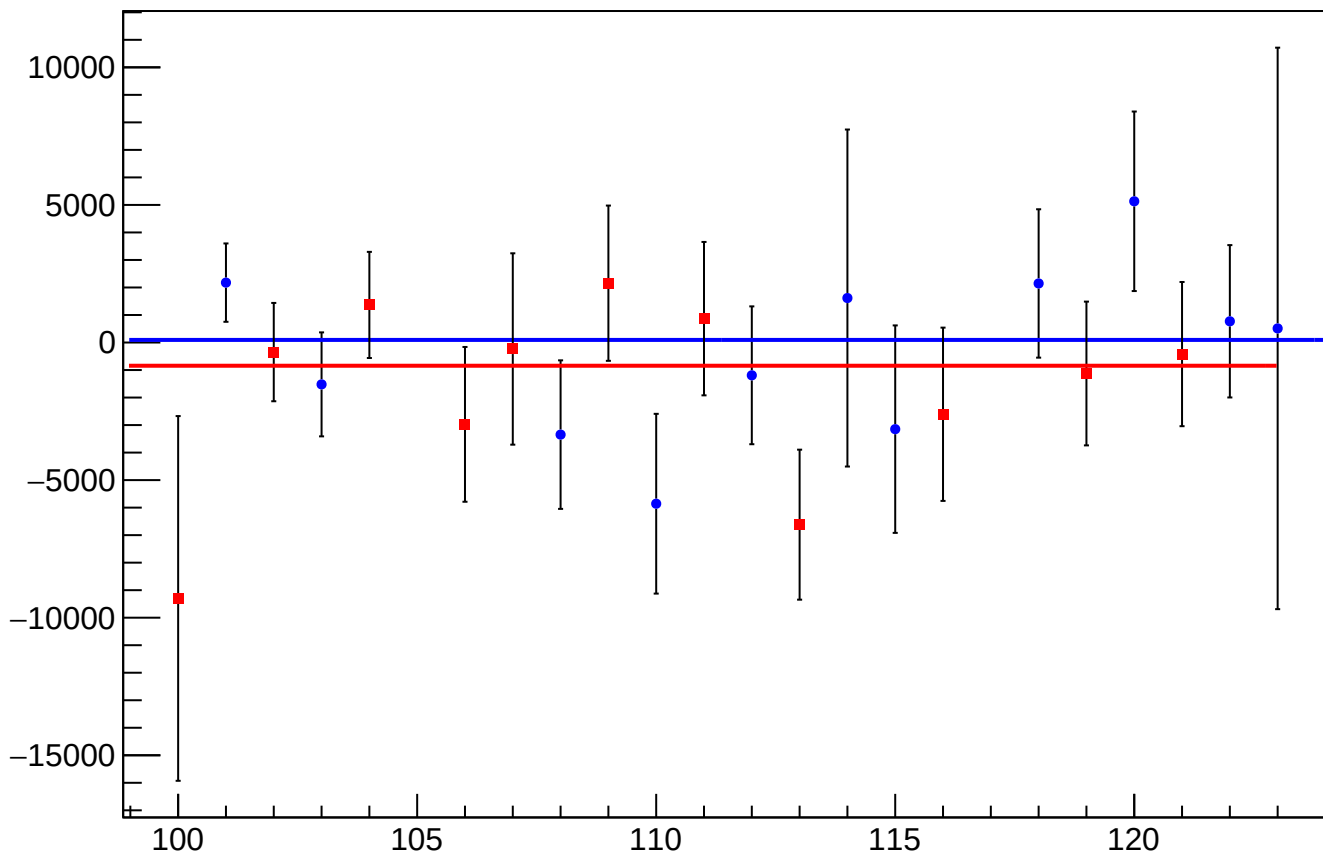
Right: 1102.093+/-0.263 χ^2/NDF : 19429.3/21

In: 1094.728+/-0.380 χ^2/NDF : 9038.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.093+/-0.263 χ^2/NDF : 19429.3/21

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 94.388+/-782.642 χ^2/NDF : 11.9/10

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

Right Out: -843.699+/-791.506 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

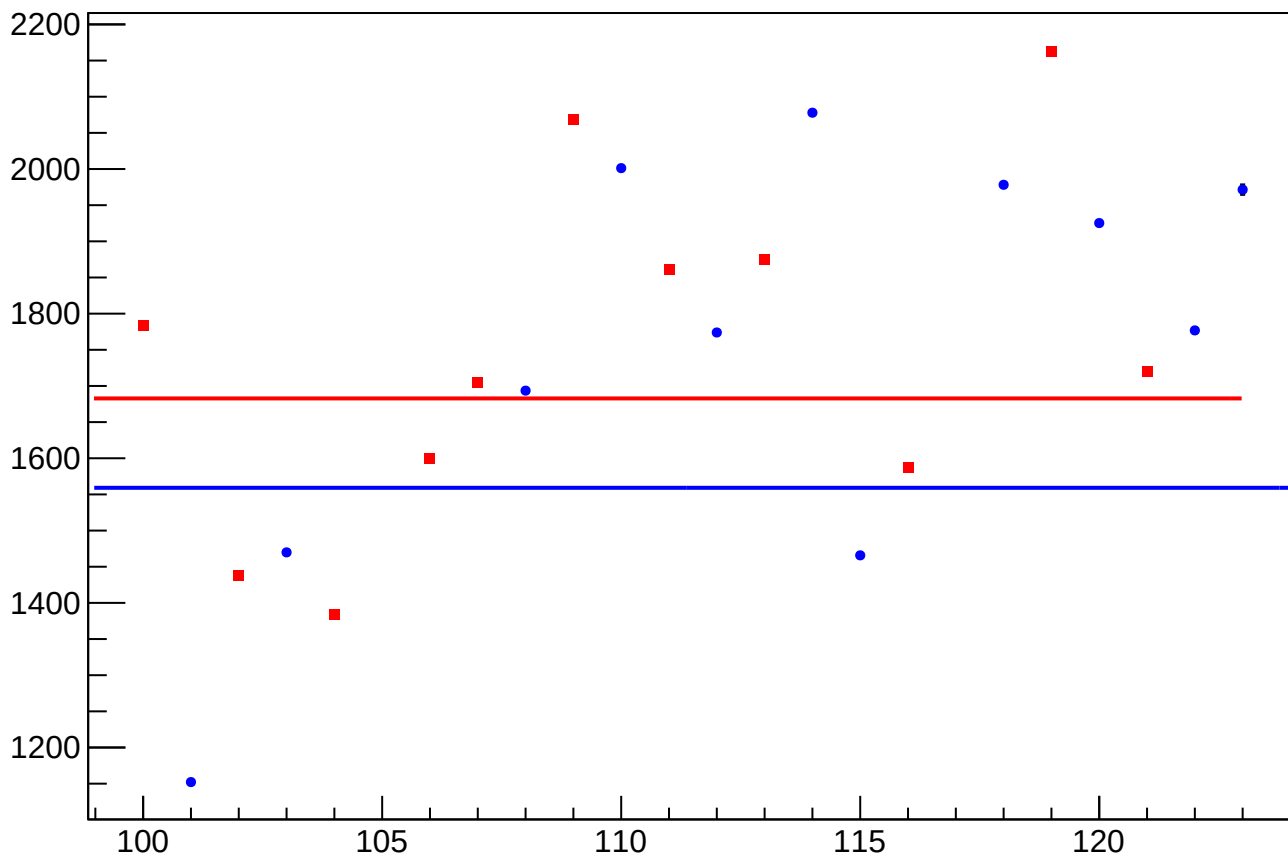
Right: -369.374+/-556.519 χ^2/NDF : 22.6/21

In: 94.388+/-782.642 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.374+/-556.519 χ^2/NDF : 22.6/21

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1559.161 ± 0.553 χ^2/NDF : 328904.5/10

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

Right Out: 1682.746 ± 0.560 χ^2/NDF : 213498.9/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

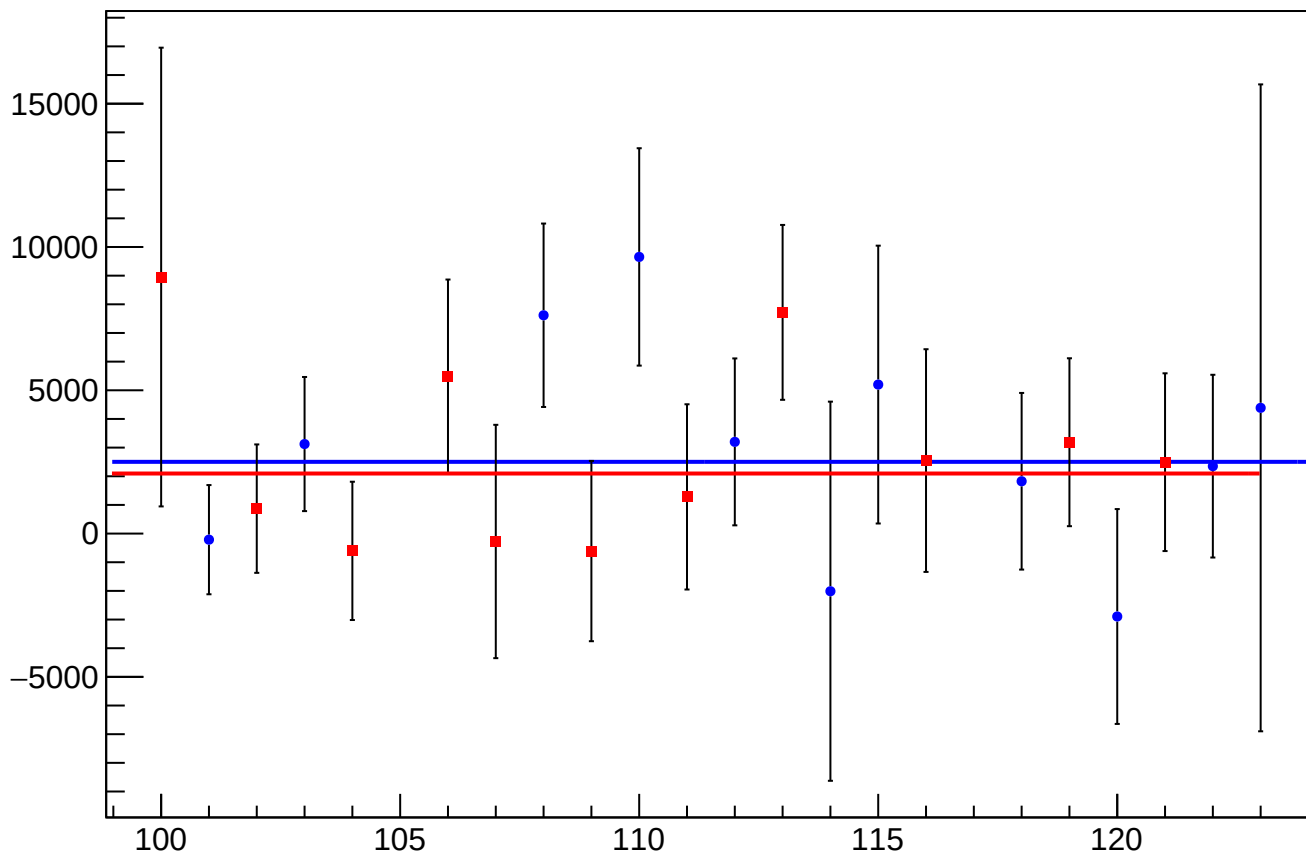
Right: 1620.257 ± 0.394 χ^2/NDF : 567057.2/21

In: 1559.161 ± 0.553 χ^2/NDF : 328904.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1620.257 ± 0.394 χ^2/NDF : 567057.2/21

asym_usr_mean vs Slug, Sign Corrected



Right In: 2503.287+/-957.297 χ^2/NDF : 11.2/10

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

Right Out: 2095.762+/-942.881 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

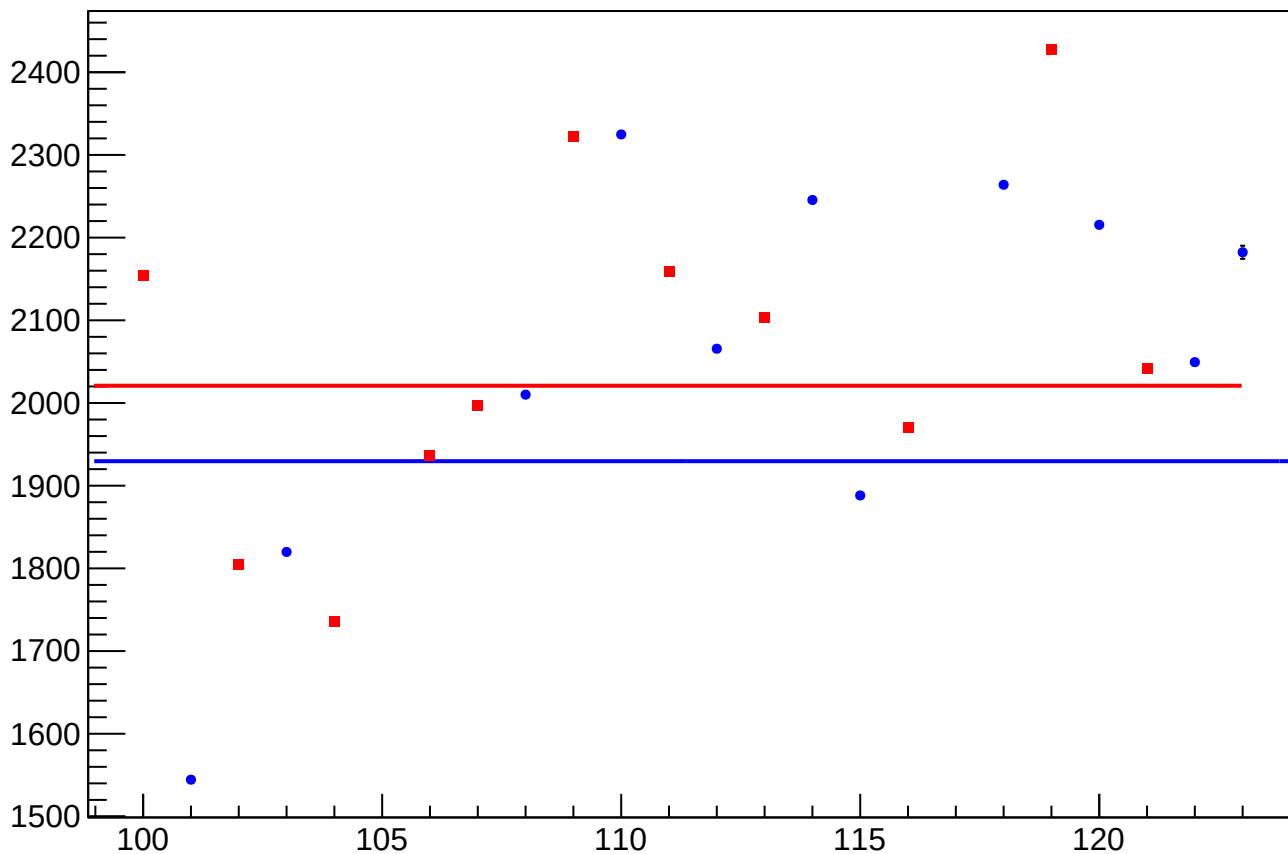
Right: 2296.433+/-671.756 χ^2/NDF : 19.3/21

In: 2503.287+/-957.297 χ^2/NDF : 11.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.433+/-671.756 χ^2/NDF : 19.3/21

asym_usr_rms vs Slug, Sign Corrected



Right In: 1929.619+/-0.677 χ^2/NDF : 157158.9/10

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

Right Out: 2020.877+/-0.667 χ^2/NDF : 110835.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

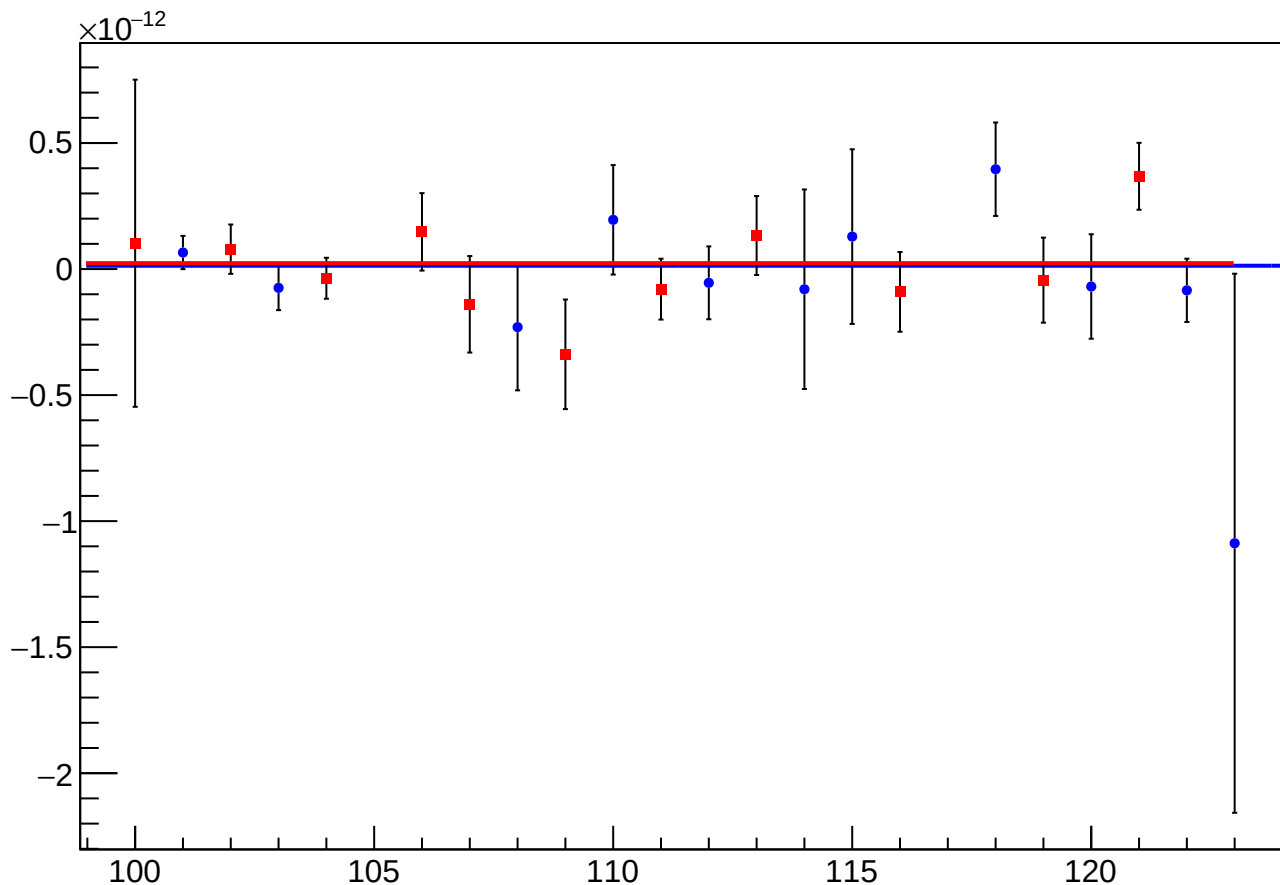
Right: 1975.940+/-0.475 χ^2/NDF : 277219.8/21

In: 1929.619+/-0.677 χ^2/NDF : 157158.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1975.940+/-0.475 χ^2/NDF : 277219.8/21

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.7/10

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

Right Out: 0.000+/-0.000 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

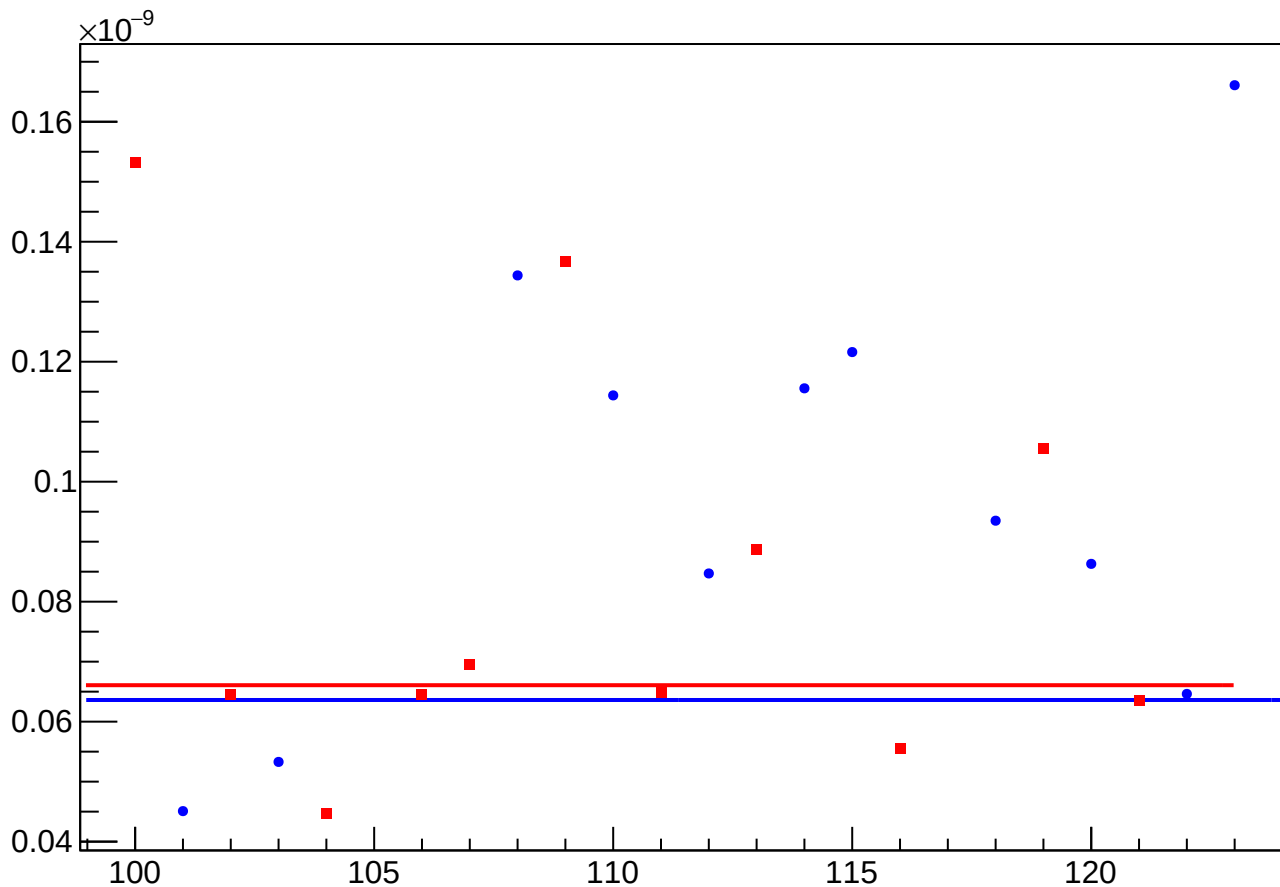
Right: 0.000+/-0.000 χ^2/NDF : 23.4/21

In: 0.000+/-0.000 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.4/21

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 681120.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 547400.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

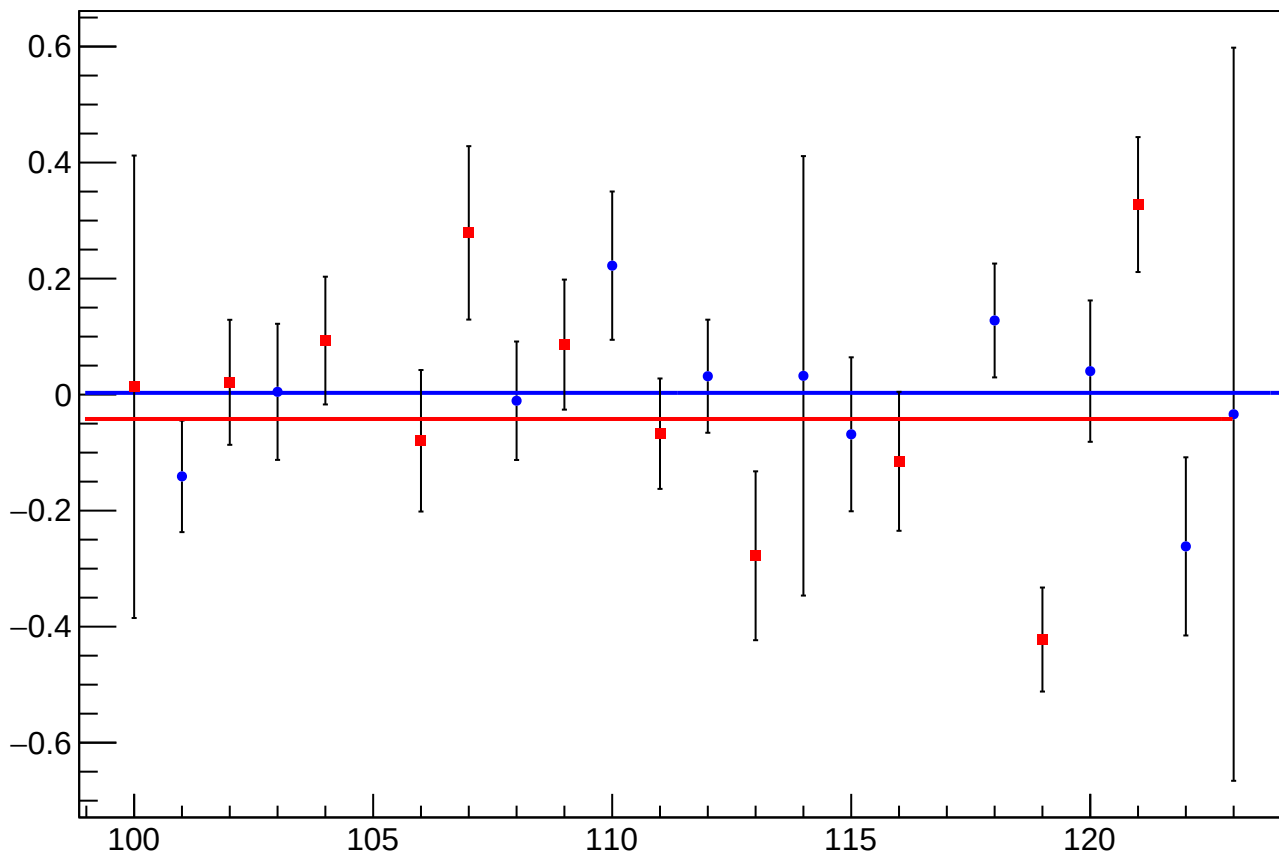
Right: 0.000+/-0.000 χ^2/NDF : 1232061.7/21

In: 0.000+/-0.000 χ^2/NDF : 681120.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1232061.7/21

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 ± 0.037 $\chi^2/\text{NDF}: 10.3/10$

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

Right Out: -0.042 ± 0.036 $\chi^2/\text{NDF}: 39.0/10$

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

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

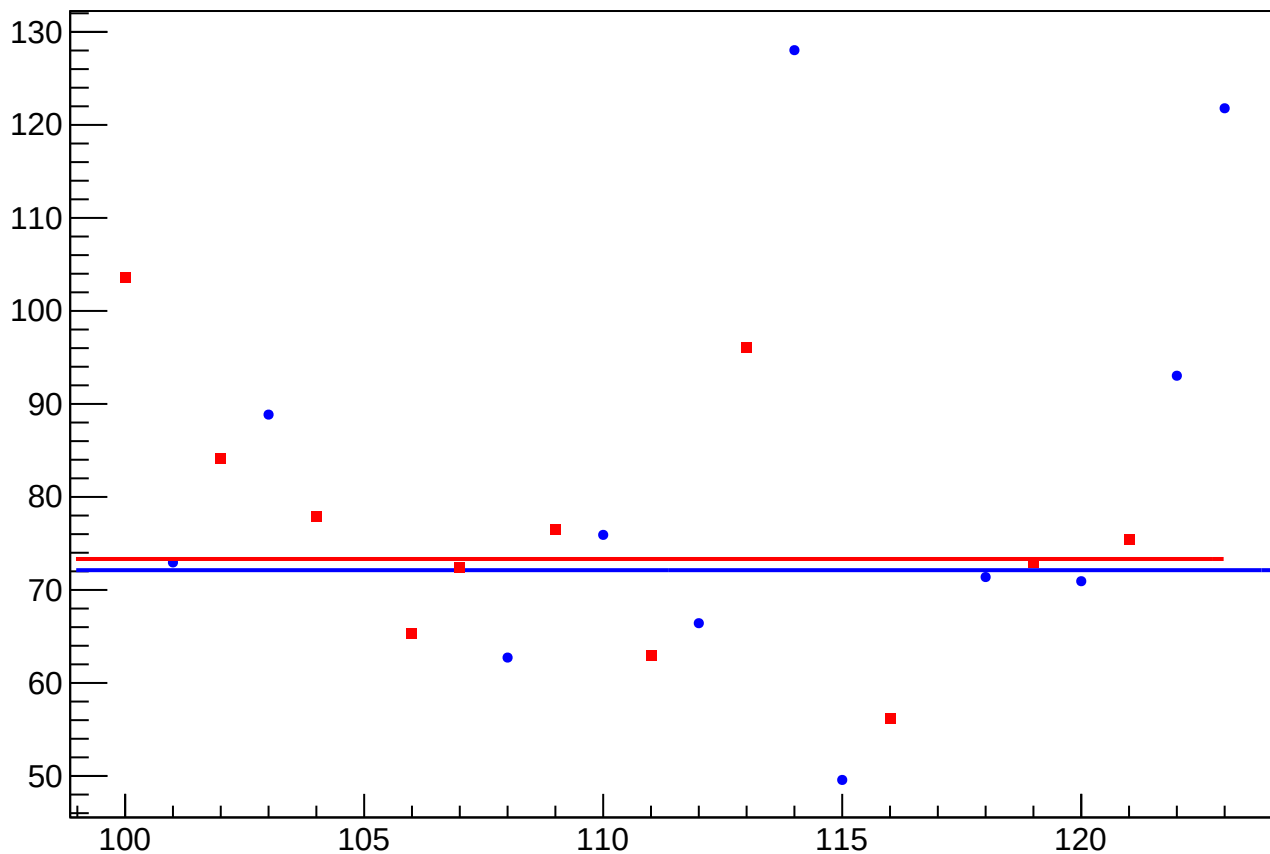
Right: -0.021 ± 0.026 $\chi^2/\text{NDF}: 50.1/21$

In: 0.003 ± 0.037 $\chi^2/\text{NDF}: 10.3/10$

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

All: -0.021 ± 0.026 $\chi^2/\text{NDF}: 50.1/21$

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.126+/-0.026 χ^2/NDF : 217415.1/10

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

Right Out: 73.329+/-0.025 χ^2/NDF : 159681.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

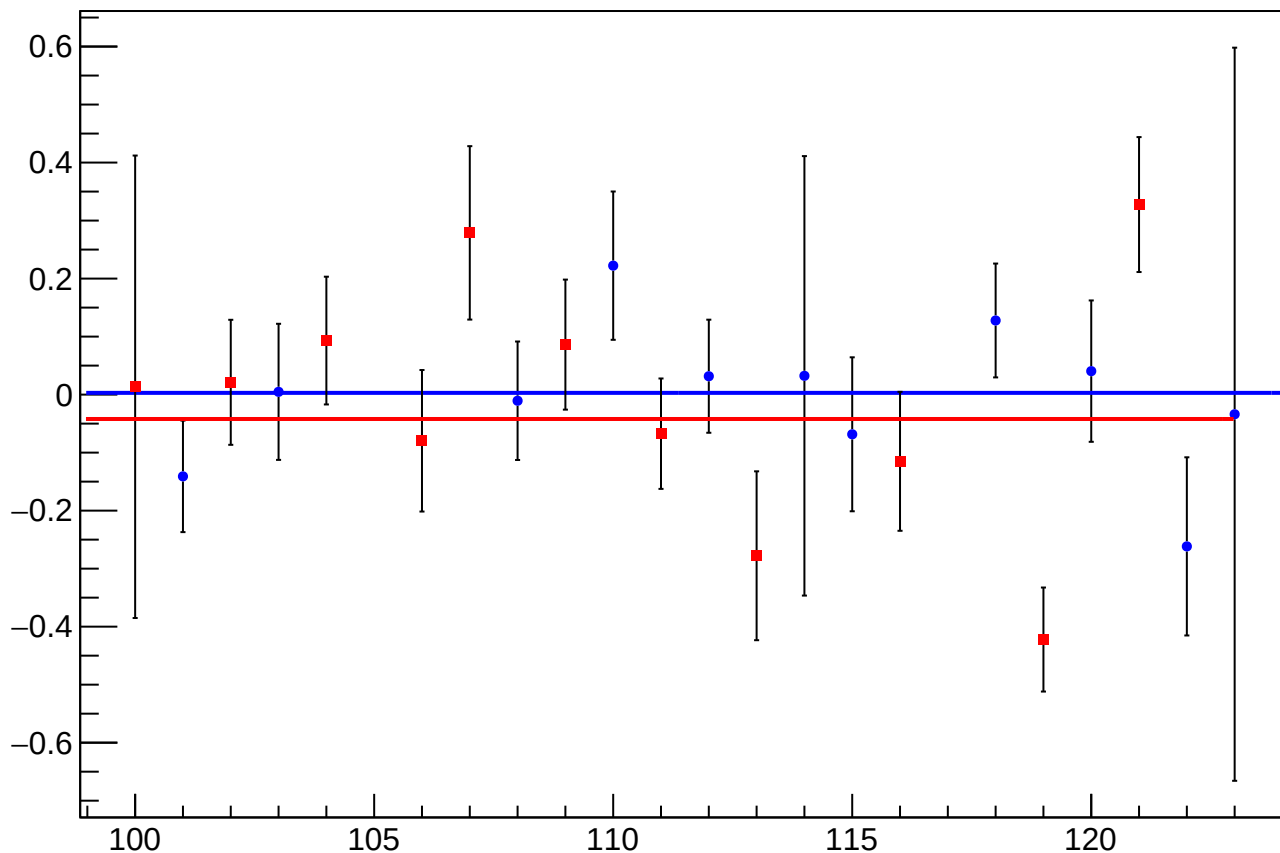
Right: 72.755+/-0.018 χ^2/NDF : 378190.4/21

In: 72.126+/-0.026 χ^2/NDF : 217415.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.755+/-0.018 χ^2/NDF : 378190.4/21

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.037 χ^2/NDF : 10.3/10

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

Right Out: -0.042+/-0.036 χ^2/NDF : 39.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

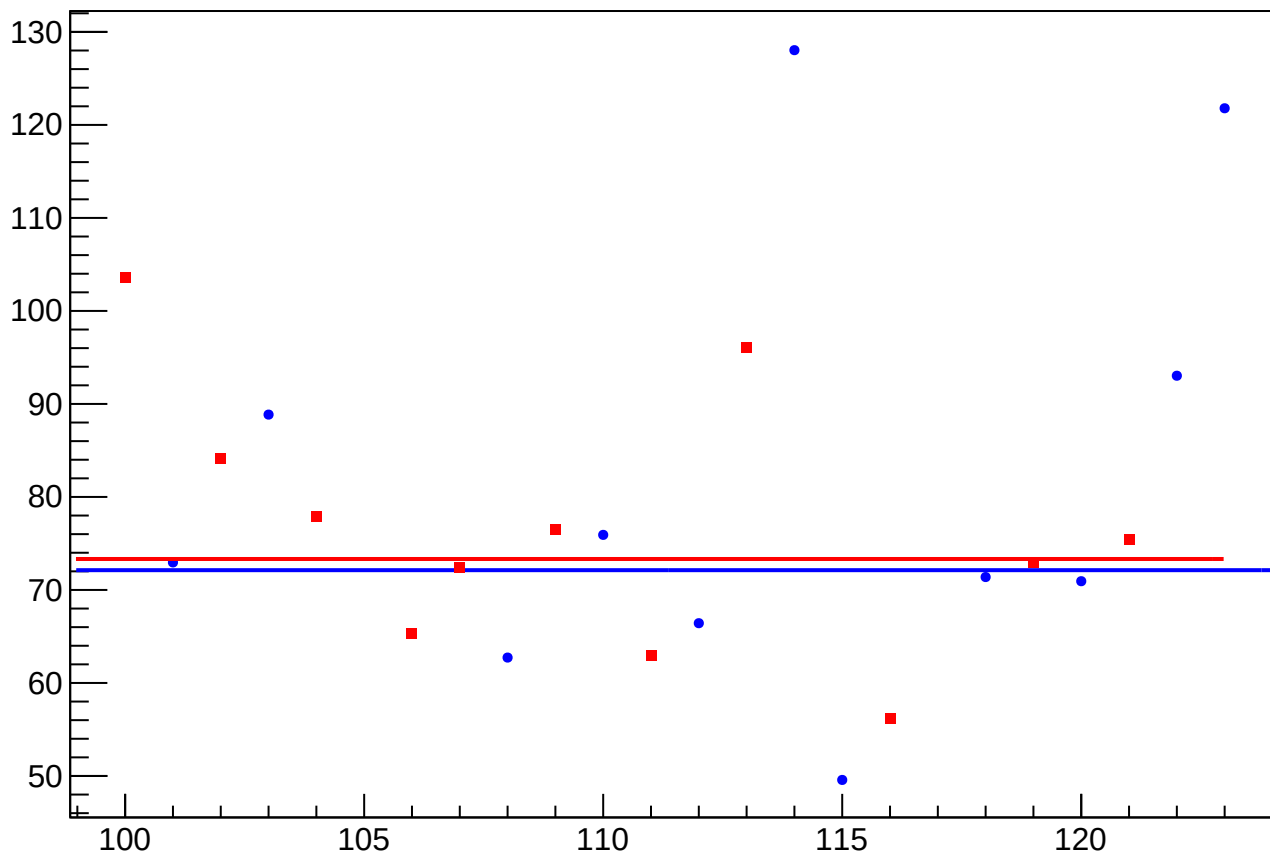
Right: -0.021+/-0.026 χ^2/NDF : 50.1/21

In: 0.003+/-0.037 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.026 χ^2/NDF : 50.1/21

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.126+/-0.026 χ^2/NDF : 217415.1/10

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

Right Out: 73.329+/-0.025 χ^2/NDF : 159681.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

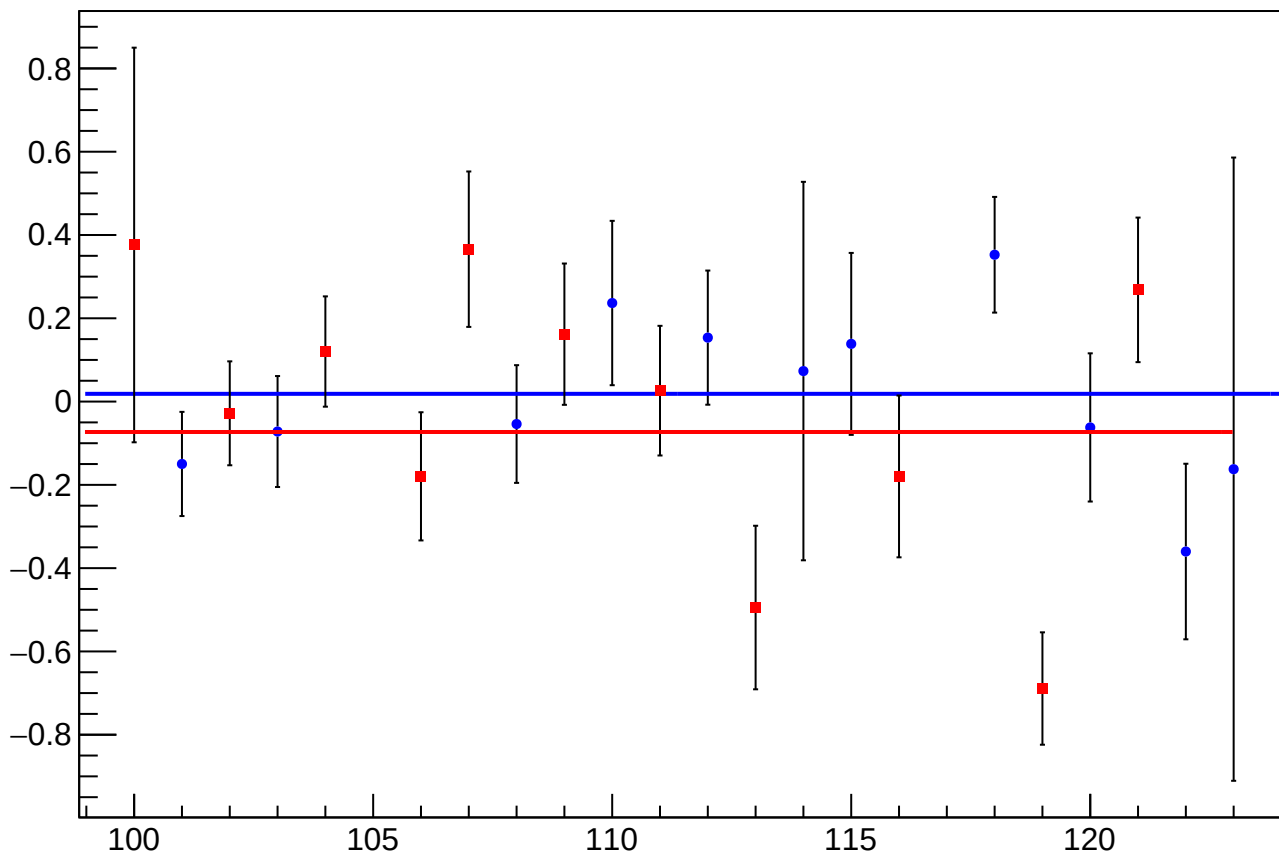
Right: 72.755+/-0.018 χ^2/NDF : 378190.4/21

In: 72.126+/-0.026 χ^2/NDF : 217415.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.755+/-0.018 χ^2/NDF : 378190.4/21

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.052 χ^2/NDF : 14.0/10

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

Right Out: -0.073+/-0.049 χ^2/NDF : 41.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

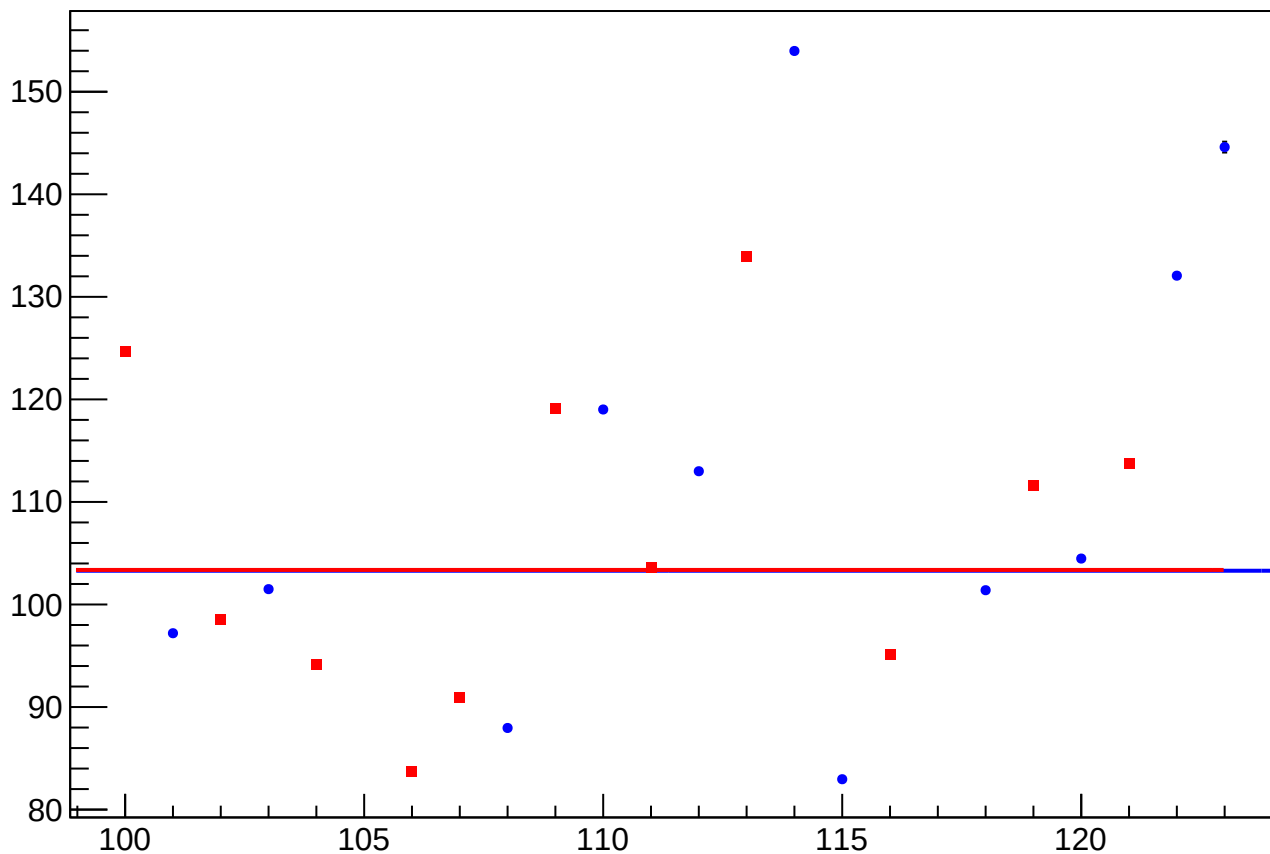
Right: -0.030+/-0.036 χ^2/NDF : 56.8/21

In: 0.019+/-0.052 χ^2/NDF : 14.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.036 χ^2/NDF : 56.8/21

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.291+/-0.037 χ^2/NDF : 134624.2/10

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

Right Out: 103.369+/-0.035 χ^2/NDF : 141982.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

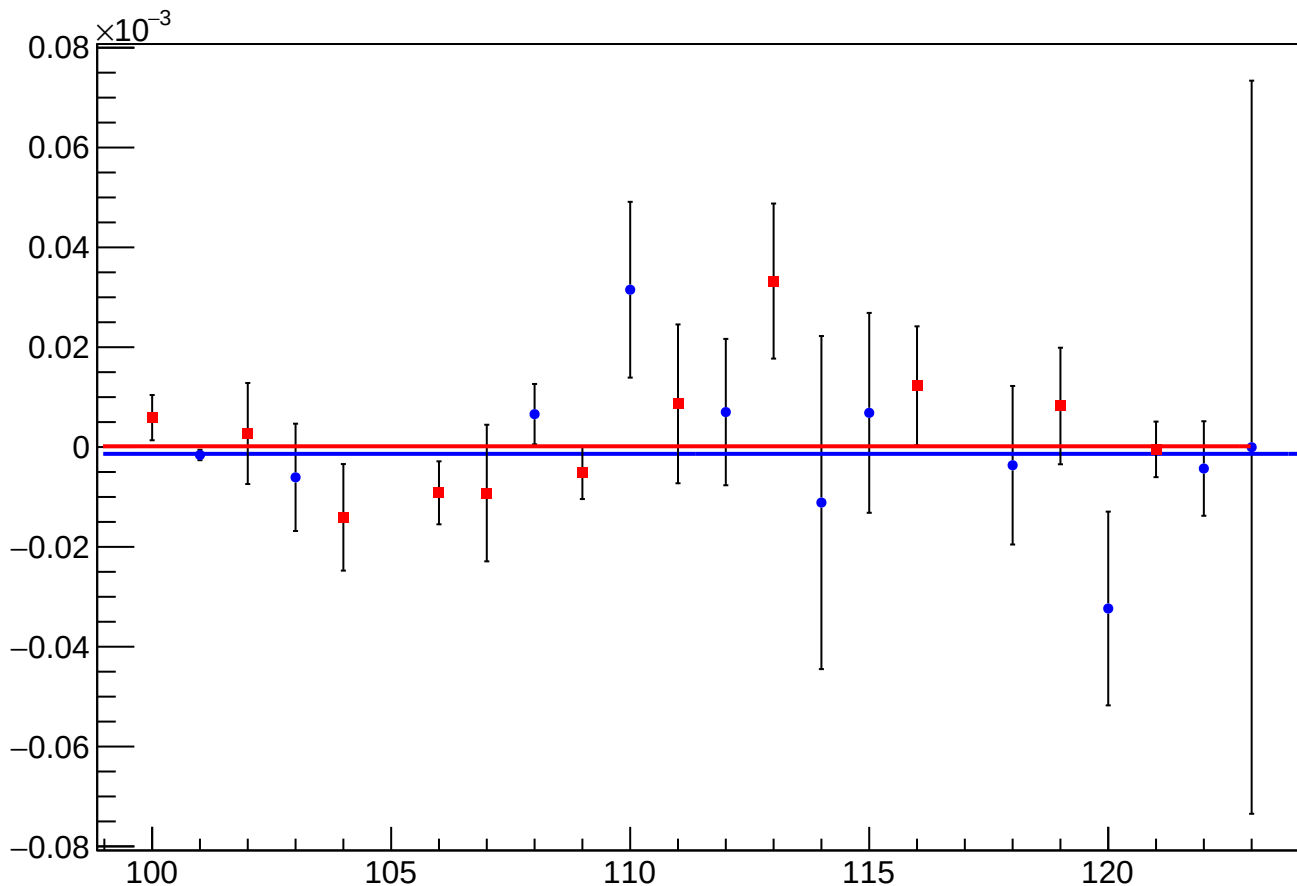
Right: 103.332+/-0.025 χ^2/NDF : 276609.4/21

In: 103.291+/-0.037 χ^2/NDF :134624.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 103.332+/-0.025 χ^2/NDF : 276609.4/21

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.7/10

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

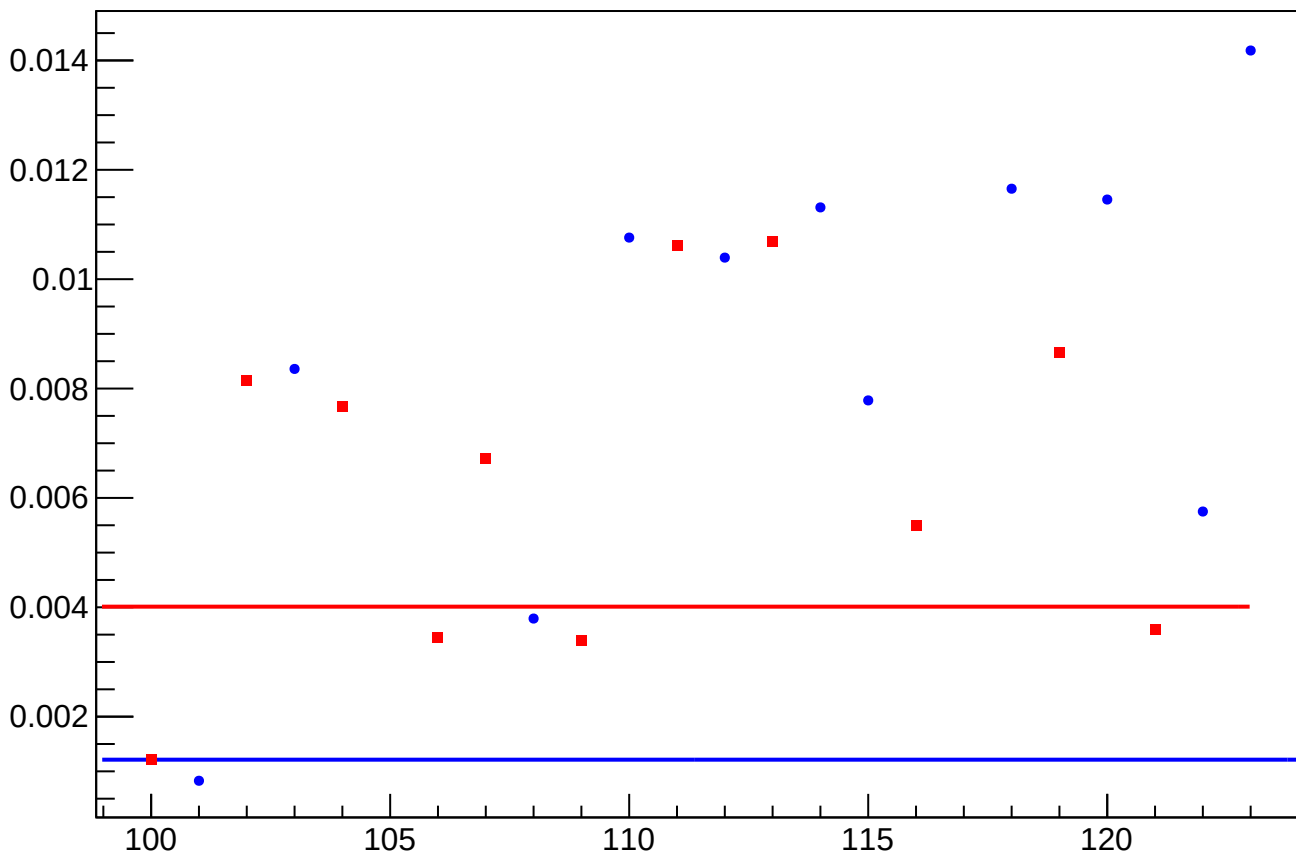
Right: -0.000+/-0.000 χ^2 /NDF: 22.5/21

In: -0.000+/-0.000 χ^2 /NDF:8.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.5/21

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5234773.3/10

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2522830.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

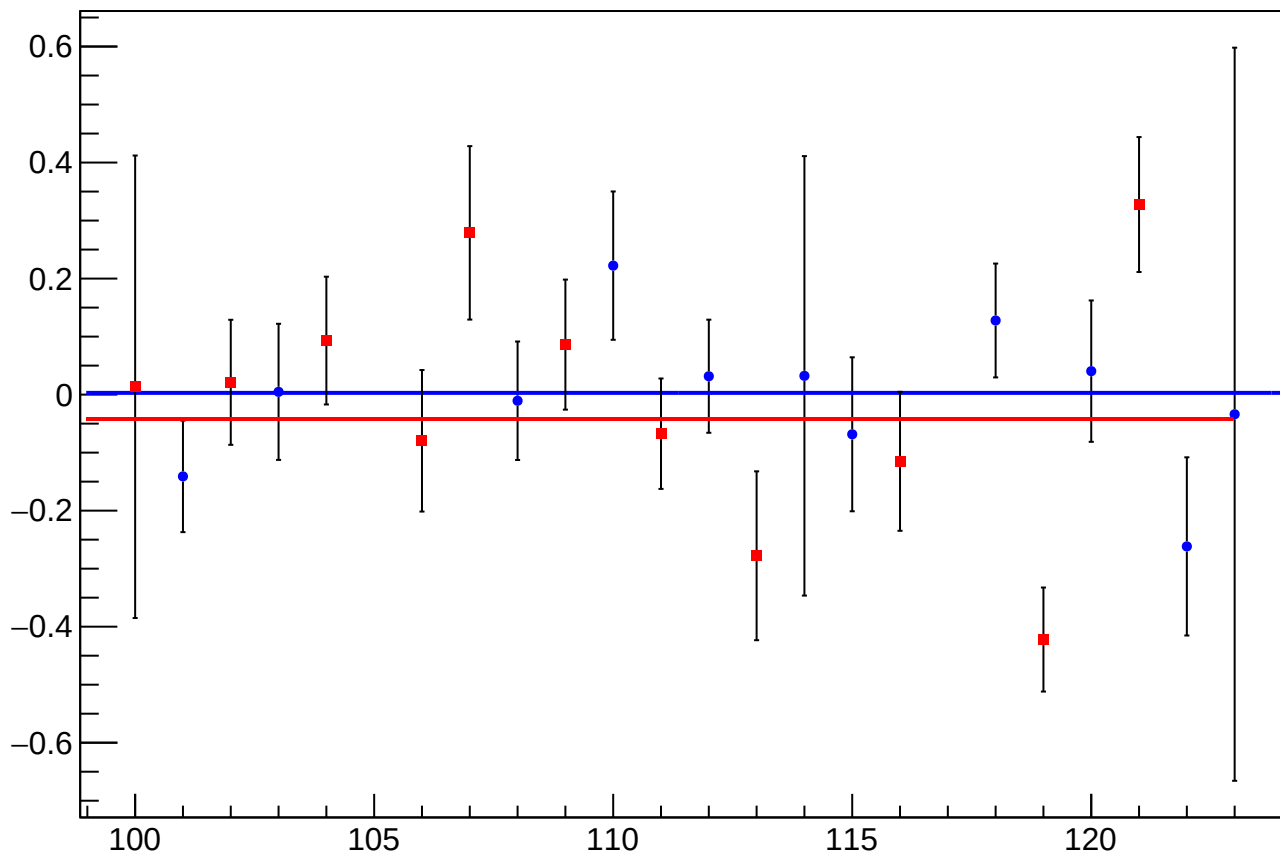
Right: 0.002+/-0.000 χ^2/NDF : 10232584.7/21

In: 0.001+/-0.000 χ^2/NDF :5234773.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10232584.7/21

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.037 χ^2 /NDF: 10.3/10

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

Right Out: -0.042 $\pm$ 0.036 χ^2 /NDF: 39.0/10

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

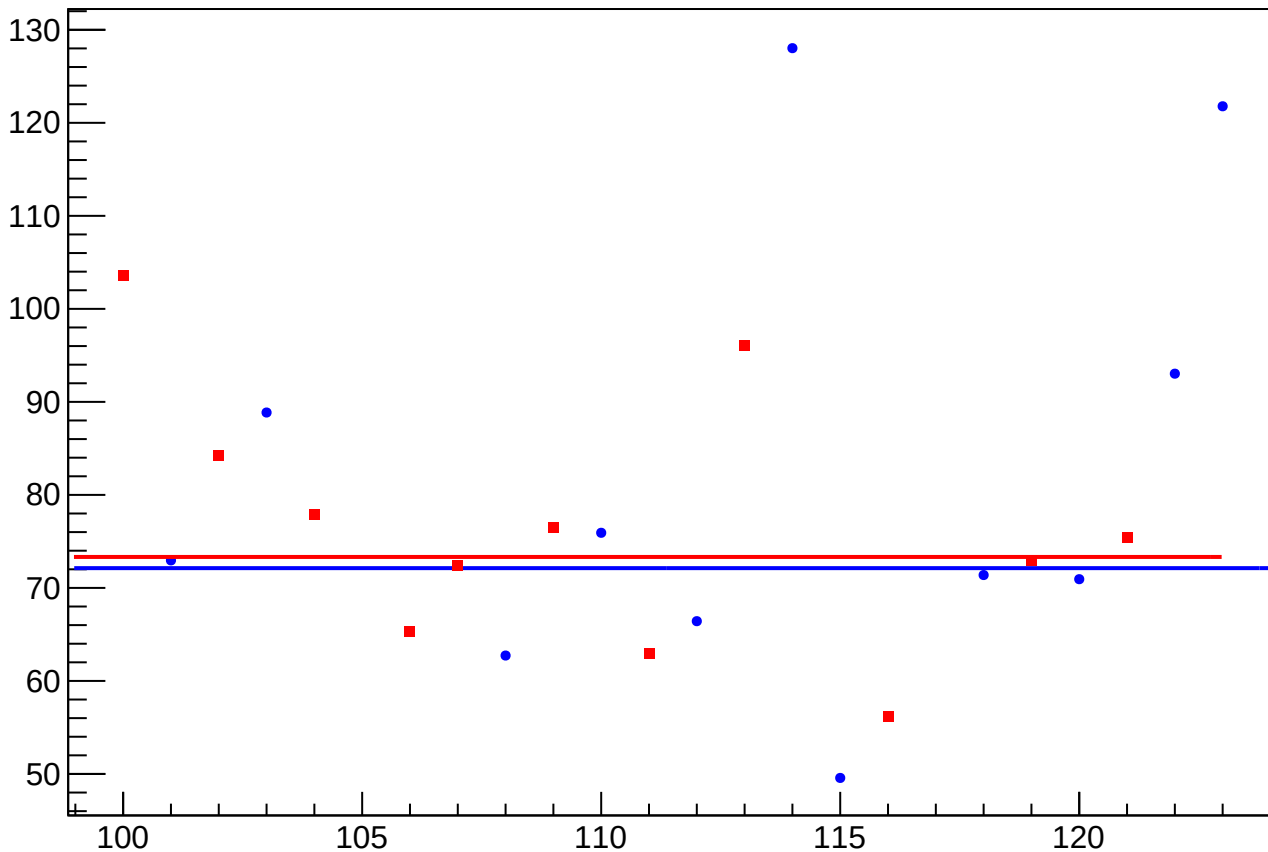
Right: -0.021 $\pm$ 0.026 χ^2 /NDF: 50.1/21

In: 0.003 $\pm$ 0.037 χ^2 /NDF:10.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.026 χ^2 /NDF: 50.1/21

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.125+/-0.026 χ^2/NDF : 217435.3/10

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

Right Out: 73.329+/-0.025 χ^2/NDF : 159677.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

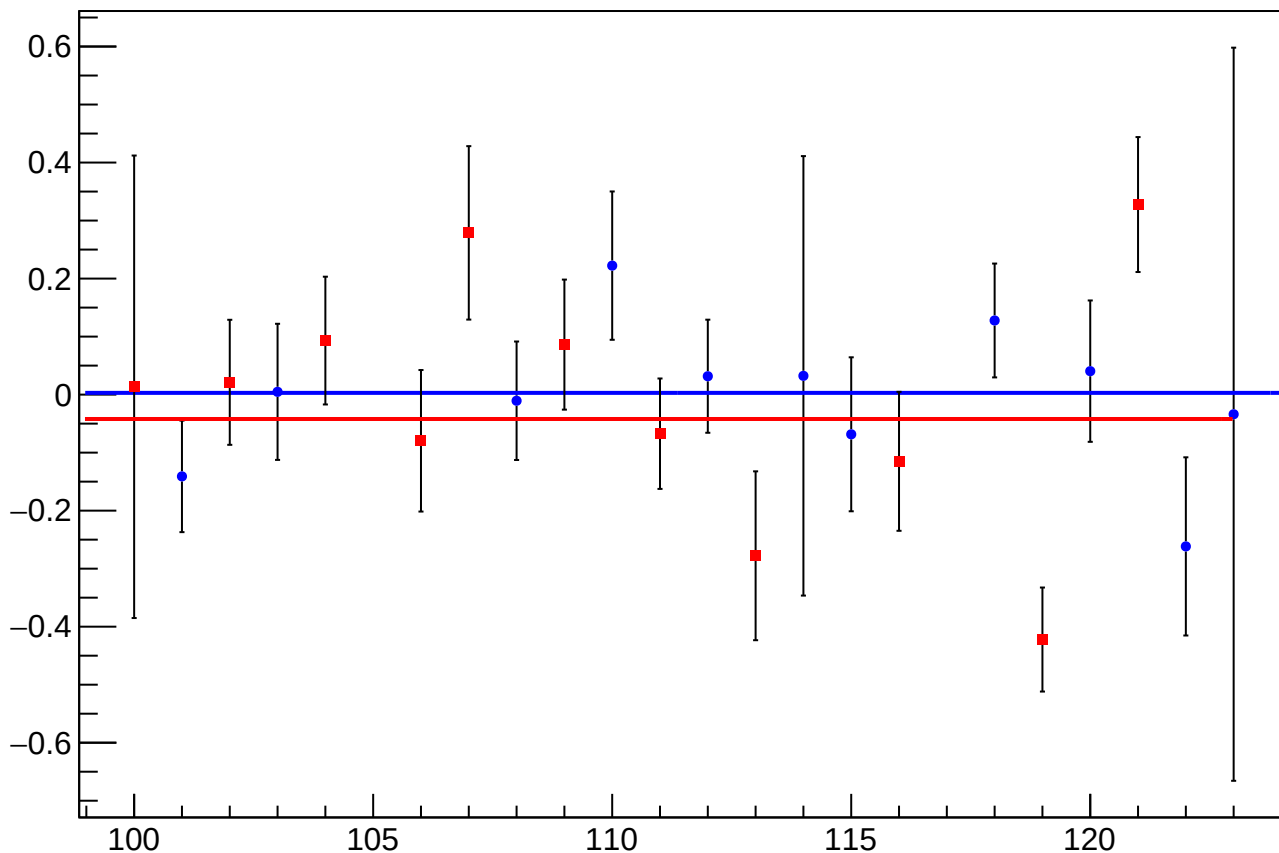
Right: 72.754+/-0.018 χ^2/NDF : 378207.3/21

In: 72.125+/-0.026 χ^2/NDF : 217435.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.754+/-0.018 χ^2/NDF : 378207.3/21

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.037 χ^2/NDF : 10.3/10

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

Right Out: -0.042+/-0.036 χ^2/NDF : 39.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

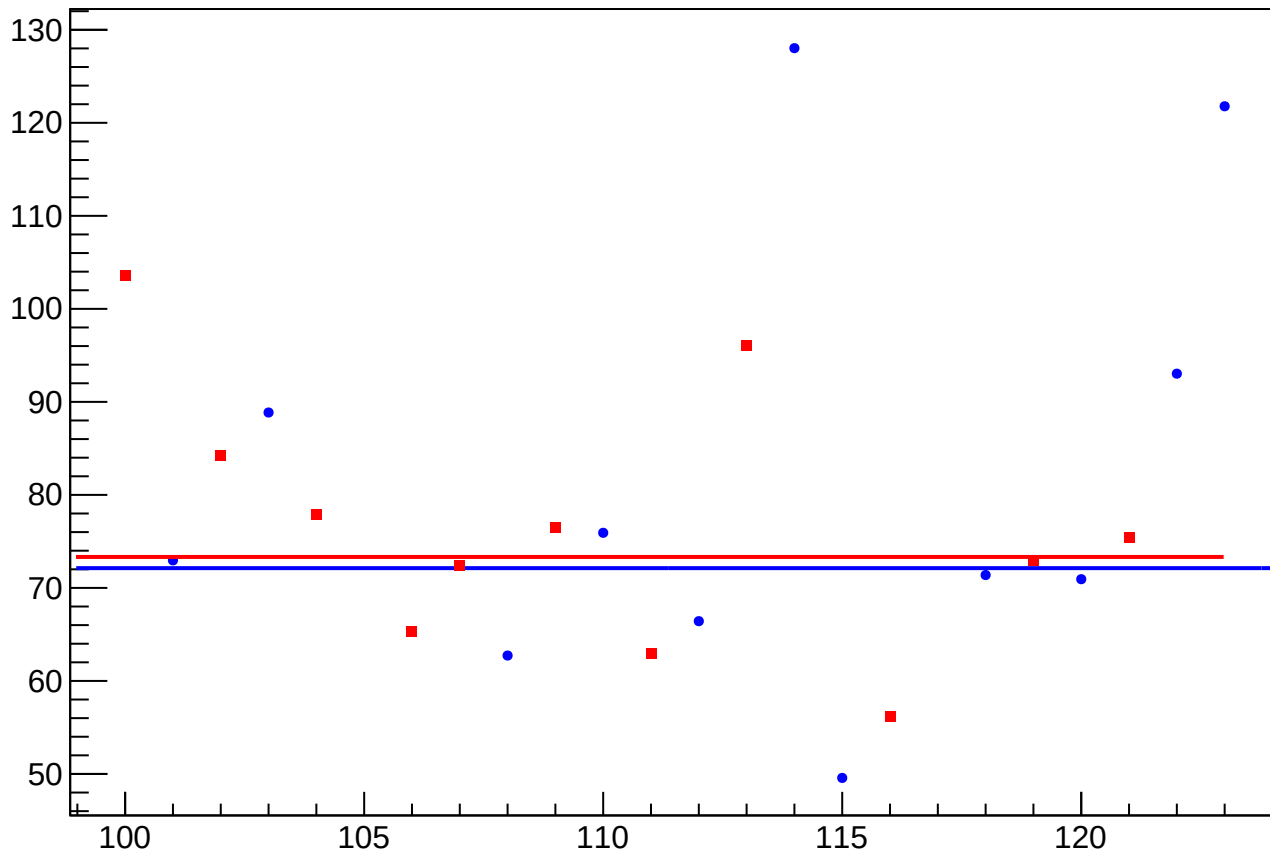
Right: -0.021+/-0.026 χ^2/NDF : 50.1/21

In: 0.003+/-0.037 χ^2/NDF :10.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.026 χ^2/NDF : 50.1/21

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.125+/-0.026 χ^2/NDF : 217435.3/10

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

Right Out: 73.329+/-0.025 χ^2/NDF : 159677.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

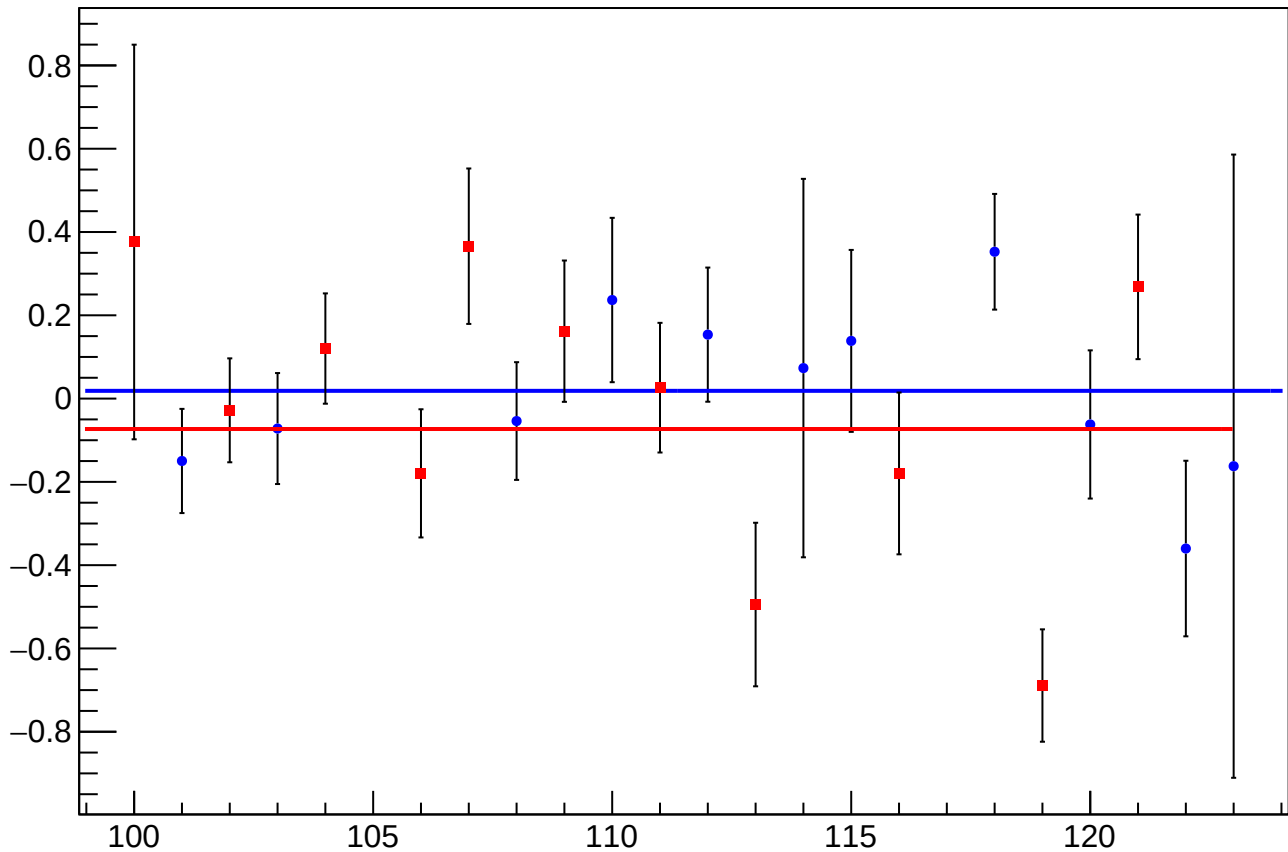
Right: 72.754+/-0.018 χ^2/NDF : 378207.3/21

In: 72.125+/-0.026 χ^2/NDF : 217435.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.754+/-0.018 χ^2/NDF : 378207.3/21

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.052 χ^2/NDF : 14.0/10

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

Right Out: -0.073+/-0.049 χ^2/NDF : 41.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

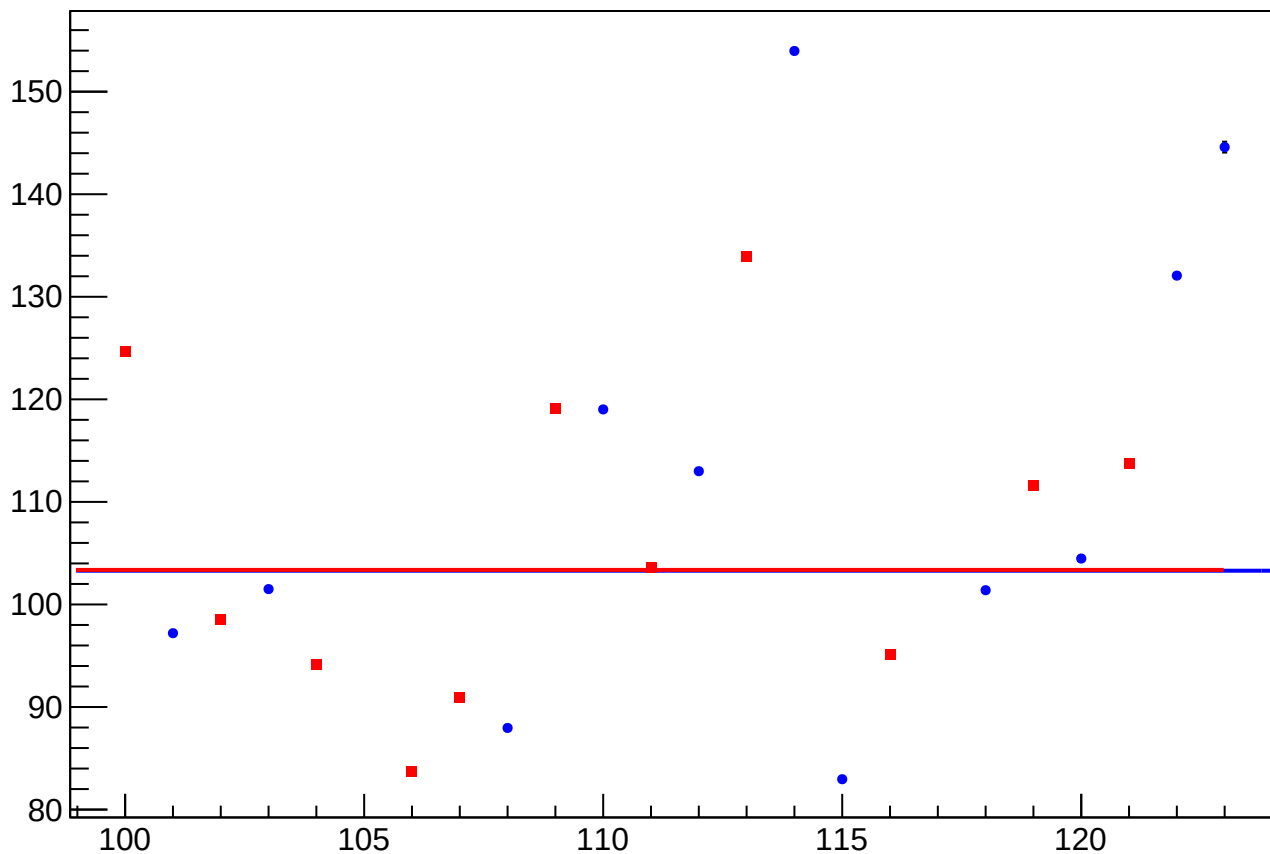
Right: -0.030+/-0.036 χ^2/NDF : 56.8/21

In: 0.019+/-0.052 χ^2/NDF : 14.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.036 χ^2/NDF : 56.8/21

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.291+/-0.037 χ^2/NDF : 134618.5/10

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

Right Out: 103.369+/-0.035 χ^2/NDF : 141964.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

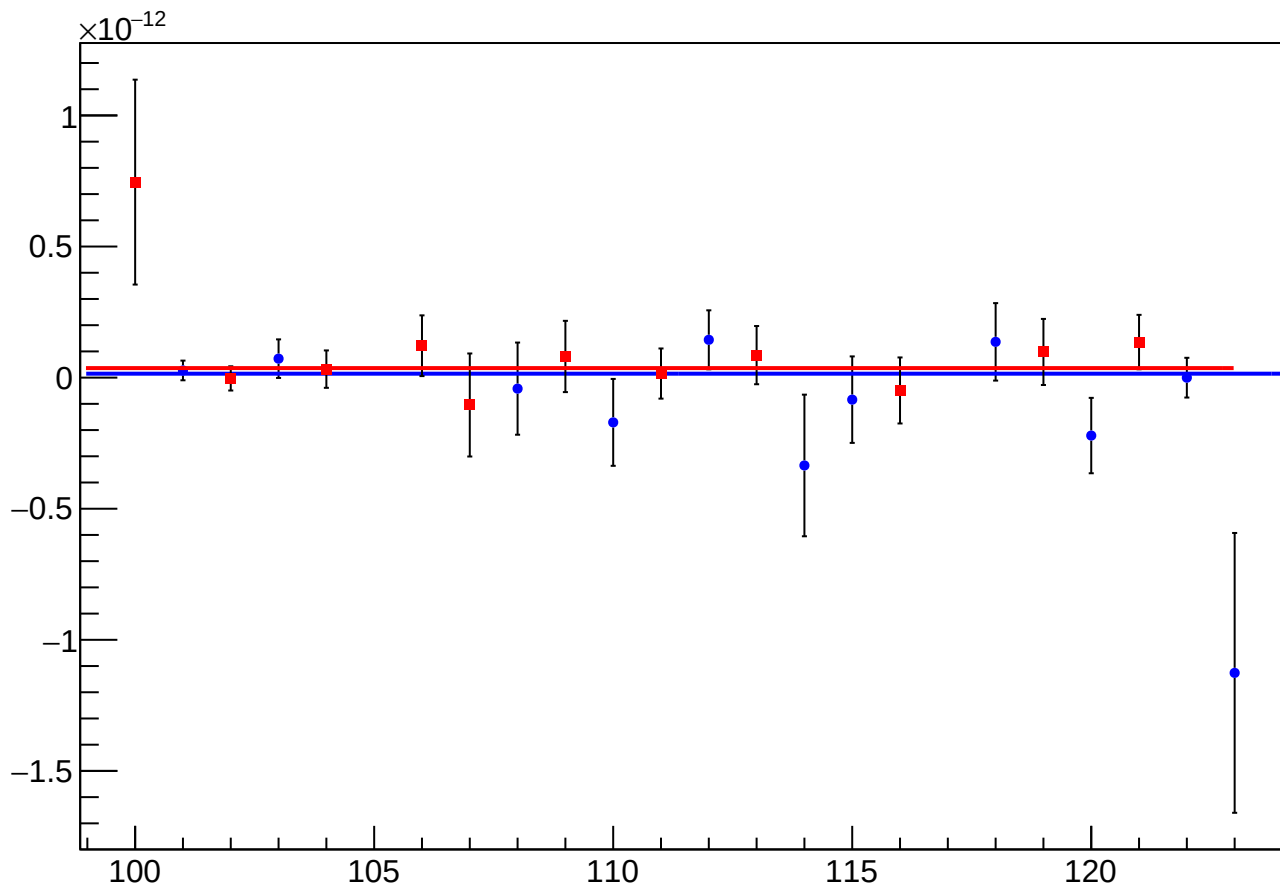
Right: 103.332+/-0.025 χ^2/NDF : 276585.1/21

In: 103.291+/-0.037 χ^2/NDF : 134618.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.332+/-0.025 χ^2/NDF : 276585.1/21

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/10

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

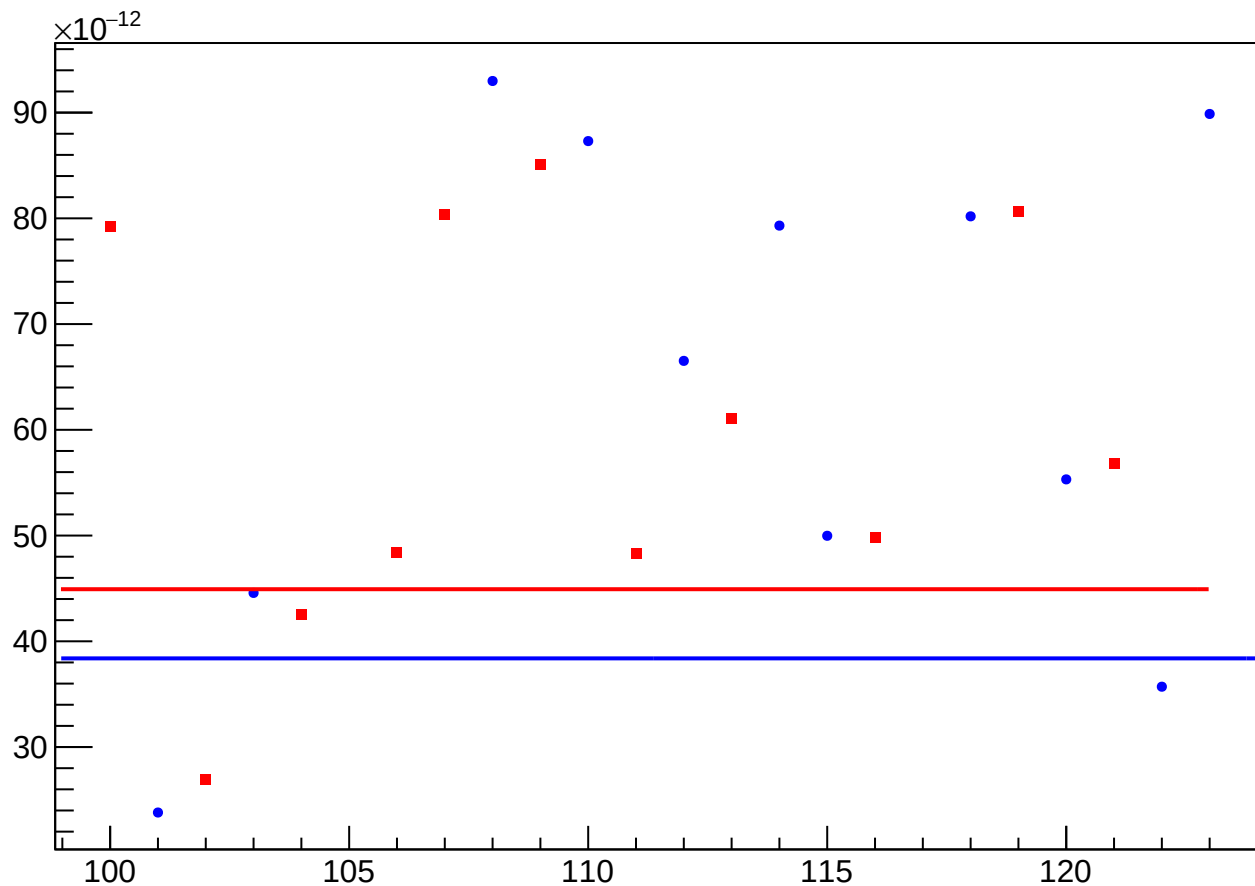
Right: 0.000+/-0.000 χ^2/NDF : 20.8/21

In: 0.000+/-0.000 χ^2/NDF : 13.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/21

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1073313.5/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 796523.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

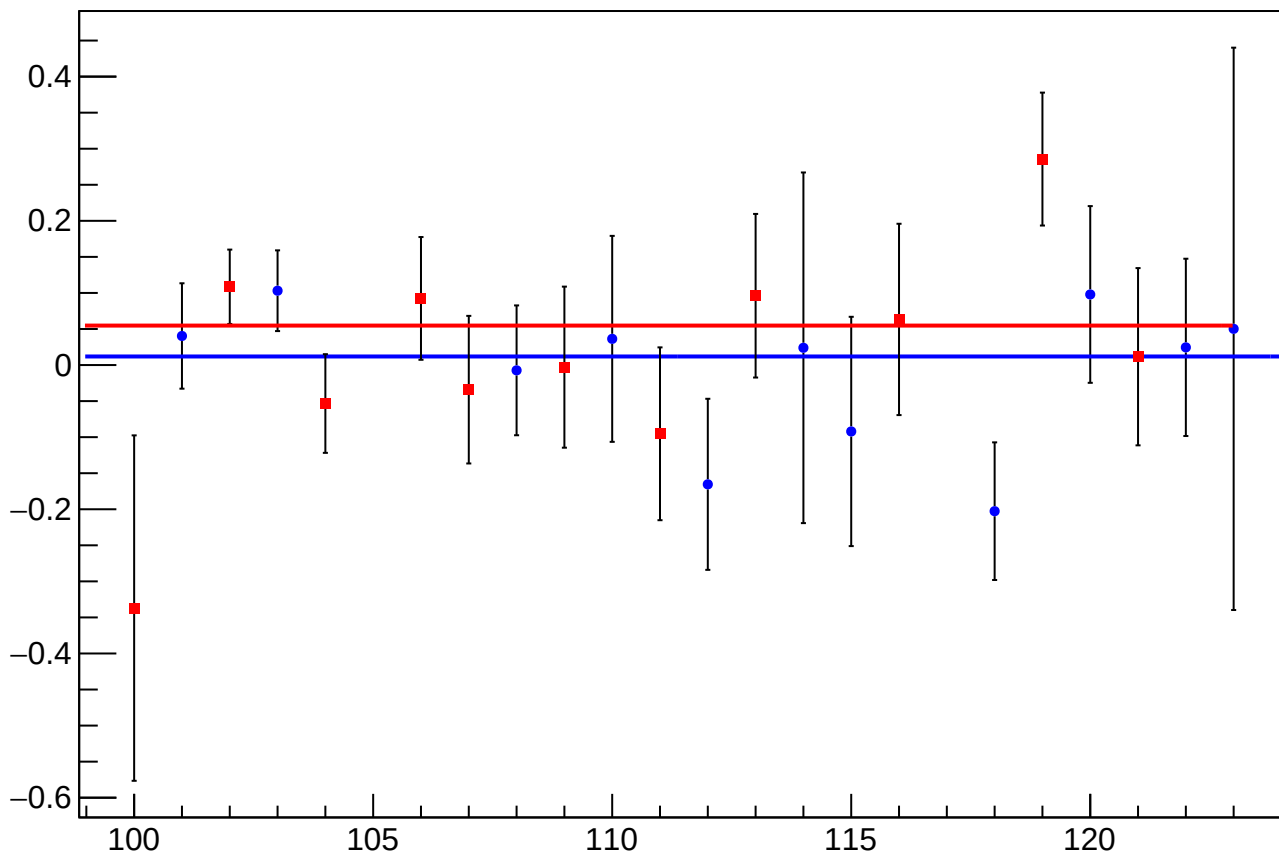
Right: 0.000+/-0.000 χ^2/NDF : 1925355.3/21

In: 0.000+/-0.000 χ^2/NDF : 1073313.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1925355.3/21

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.031 χ^2 /NDF: 11.1/10

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

Right Out: 0.055 $\pm$ 0.028 χ^2 /NDF: 15.6/10

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

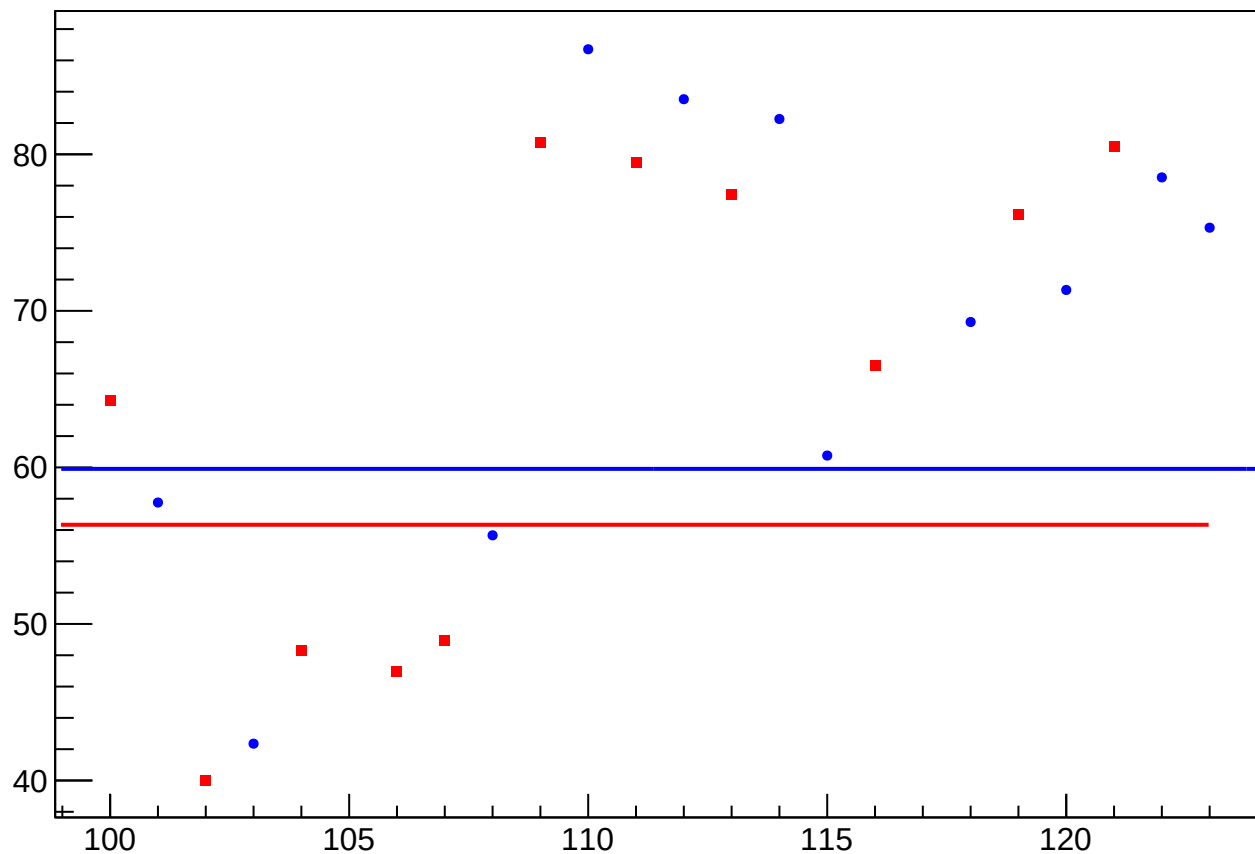
Right: 0.036 $\pm$ 0.021 χ^2 /NDF: 27.8/21

In: 0.012 $\pm$ 0.031 χ^2 /NDF:11.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.021 χ^2 /NDF: 27.8/21

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.907+/-0.022 χ^2/NDF : 455282.1/10

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

Right Out: 56.336+/-0.020 χ^2/NDF : 685452.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

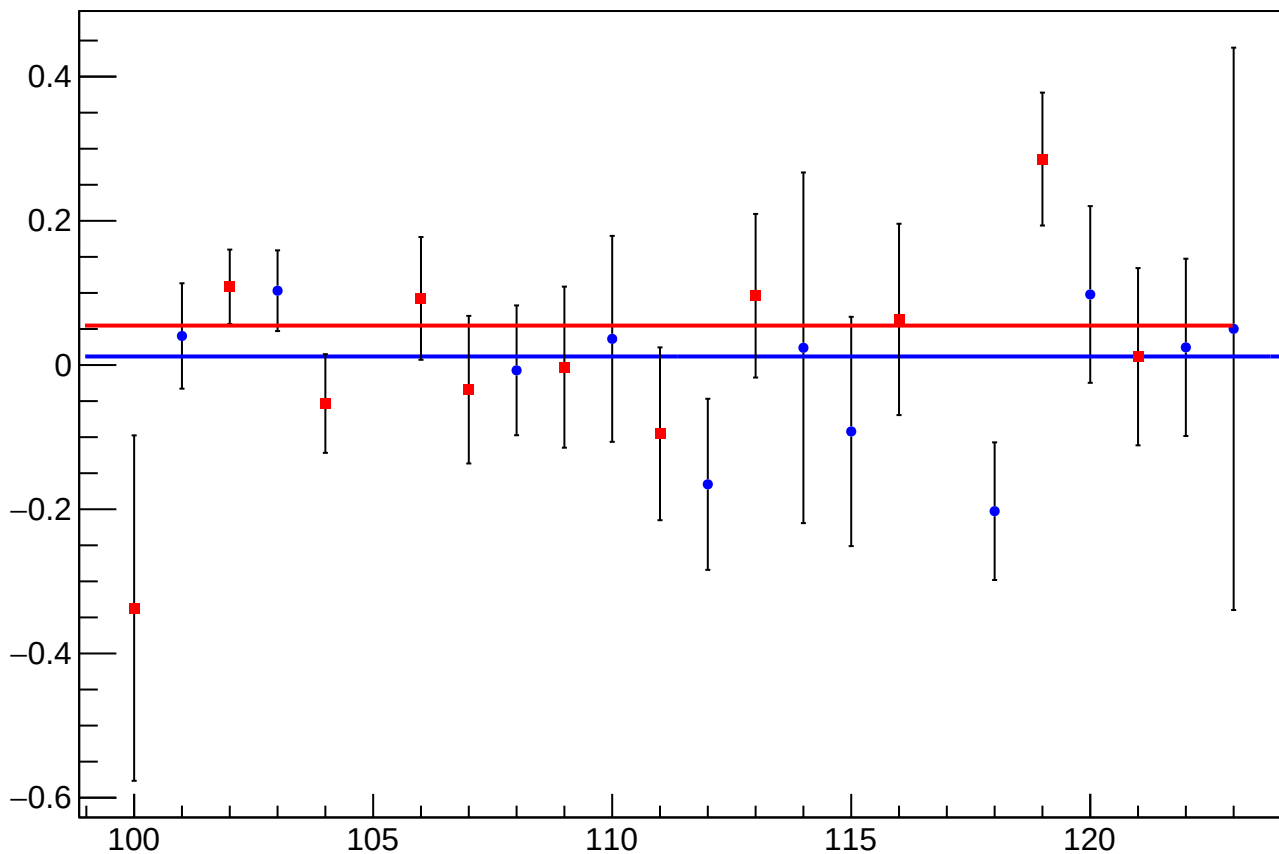
Right: 57.930+/-0.015 χ^2/NDF : 1155635.3/21

In: 59.907+/-0.022 χ^2/NDF : 455282.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.930+/-0.015 χ^2/NDF : 1155635.3/21

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.031 χ^2 /NDF: 11.1/10

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

Right Out: 0.055 $\pm$ 0.028 χ^2 /NDF: 15.6/10

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

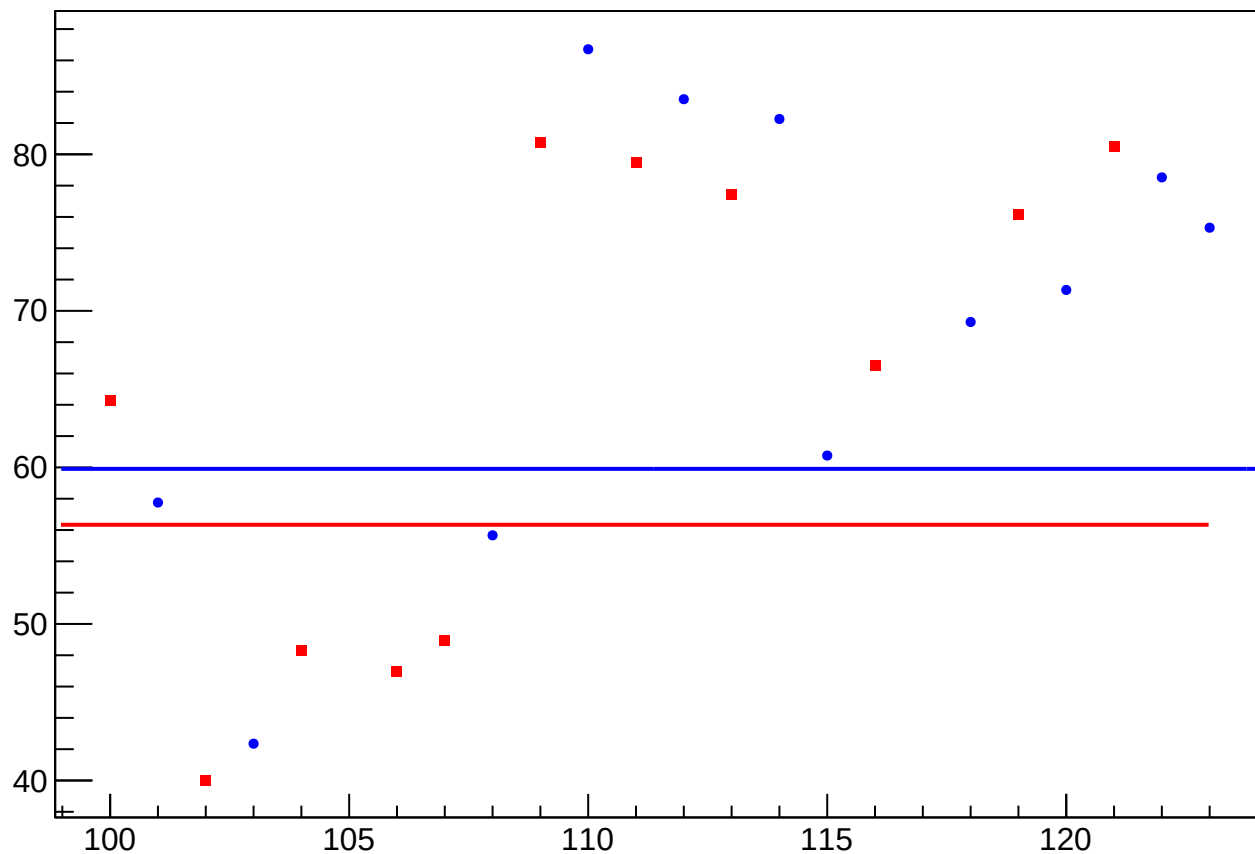
Right: 0.036 $\pm$ 0.021 χ^2 /NDF: 27.8/21

In: 0.012 $\pm$ 0.031 χ^2 /NDF:11.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.021 χ^2 /NDF: 27.8/21

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.907+/-0.022 χ^2/NDF : 455282.1/10

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

Right Out: 56.336+/-0.020 χ^2/NDF : 685452.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

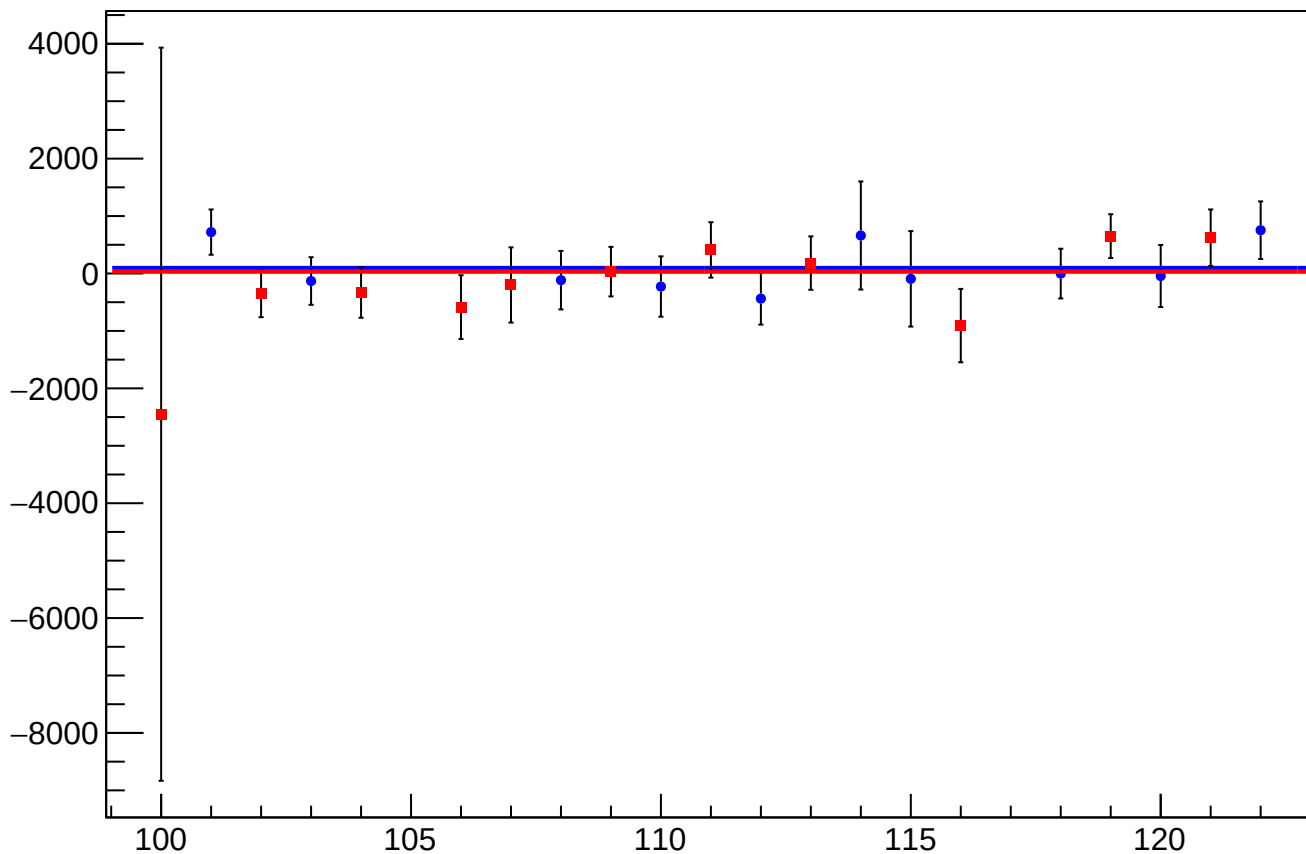
Right: 57.930+/-0.015 χ^2/NDF : 1155635.3/21

In: 59.907+/-0.022 χ^2/NDF : 455282.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.930+/-0.015 χ^2/NDF : 1155635.3/21

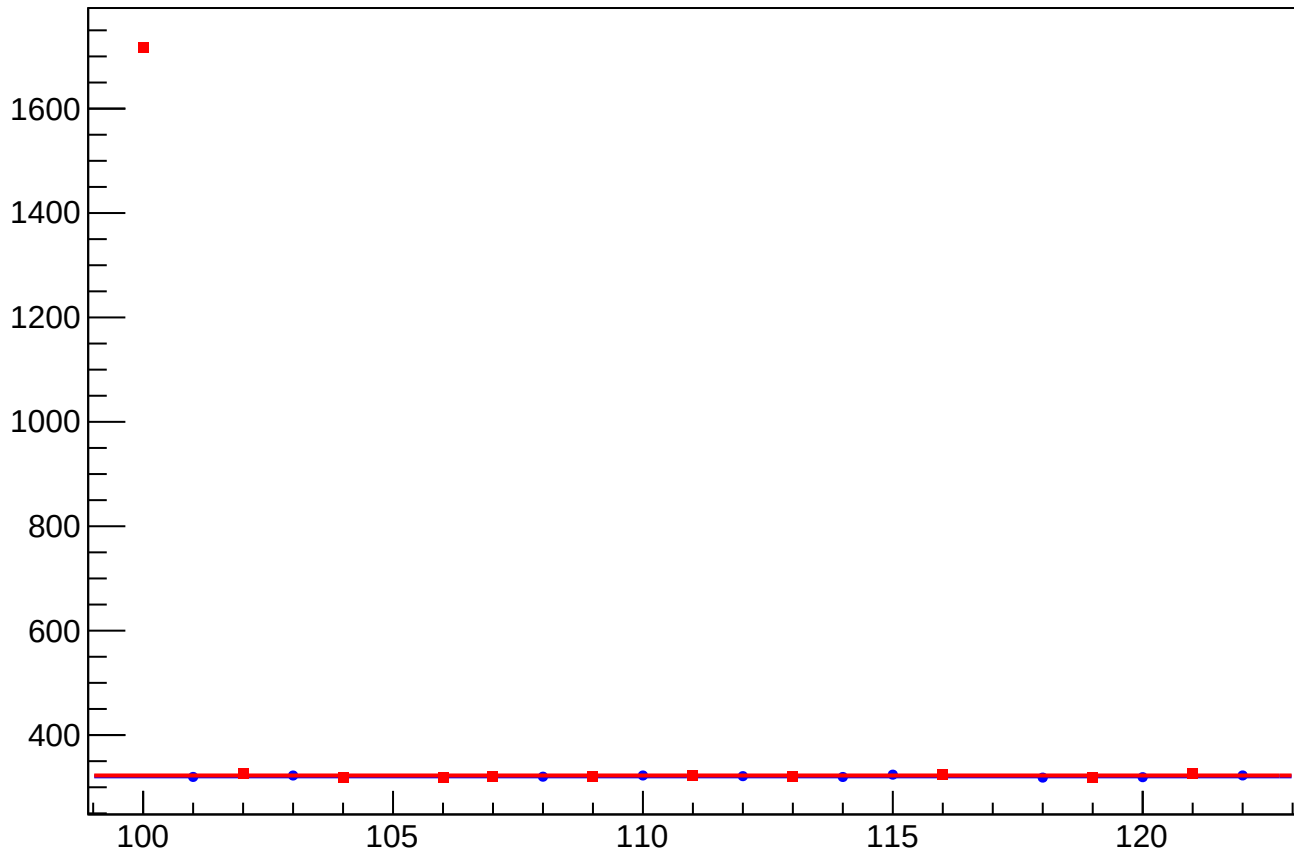
asym_dsl_mean vs Slug, Sign Corrected



Right In: 98.036+/-158.258 χ^2/NDF : 7.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 29.900+/-149.893 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: 62.120+/-108.827 χ^2/NDF : 17.1/20
In: 98.036+/-158.258 χ^2/NDF : 7.0/9
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 62.120+/-108.827 χ^2/NDF : 17.1/20

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.898+/-0.112 χ^2/NDF : 208.0/9

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

Right Out: 322.590+/-0.106 χ^2/NDF : 96498.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

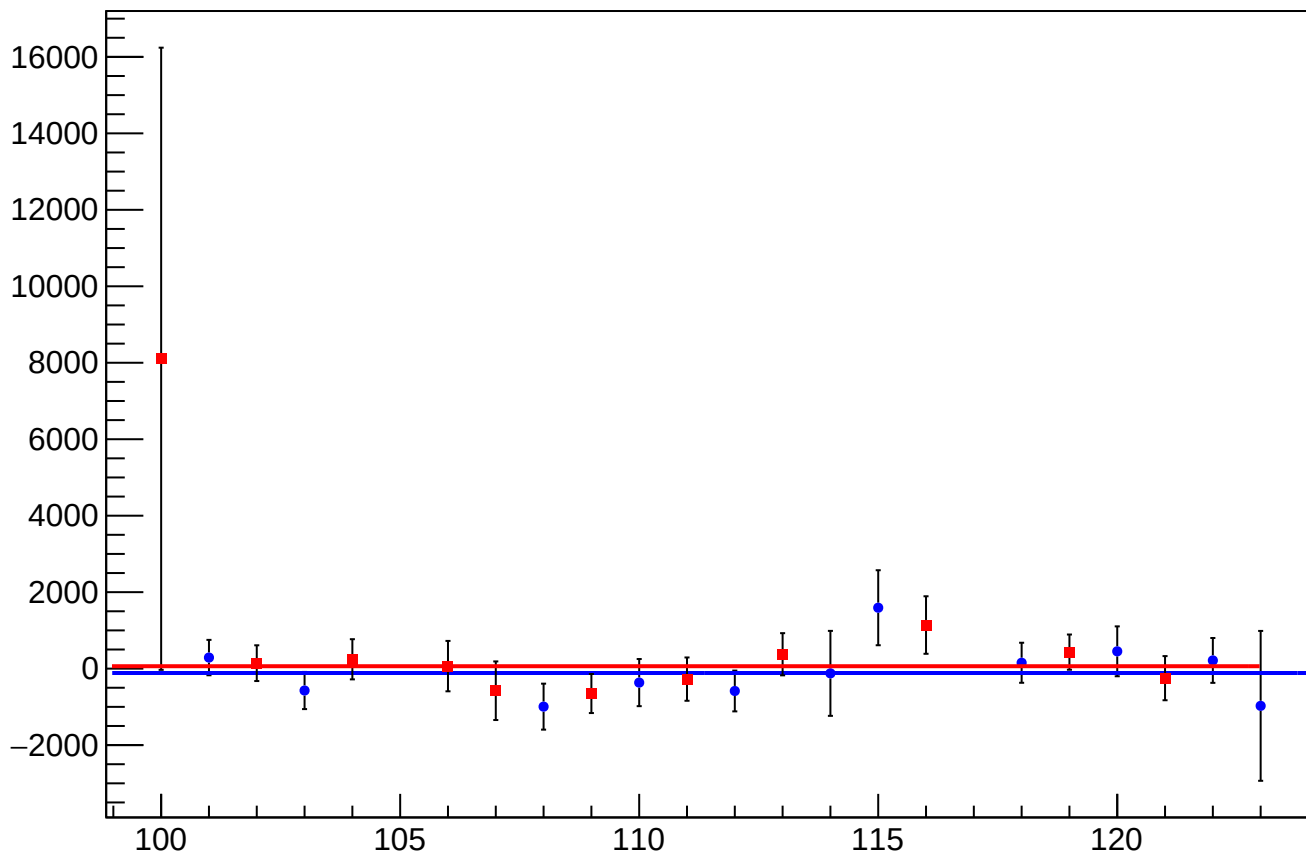
Right: 321.790+/-0.077 χ^2/NDF : 96827.2/20

In: 320.898+/-0.112 χ^2/NDF : 208.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.790+/-0.077 χ^2/NDF : 96827.2/20

asym_dsr_mean vs Slug, Sign Corrected



Right In: -114.197+/-186.239 χ^2/NDF : 9.3/10

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

Right Out: 63.113+/-176.929 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

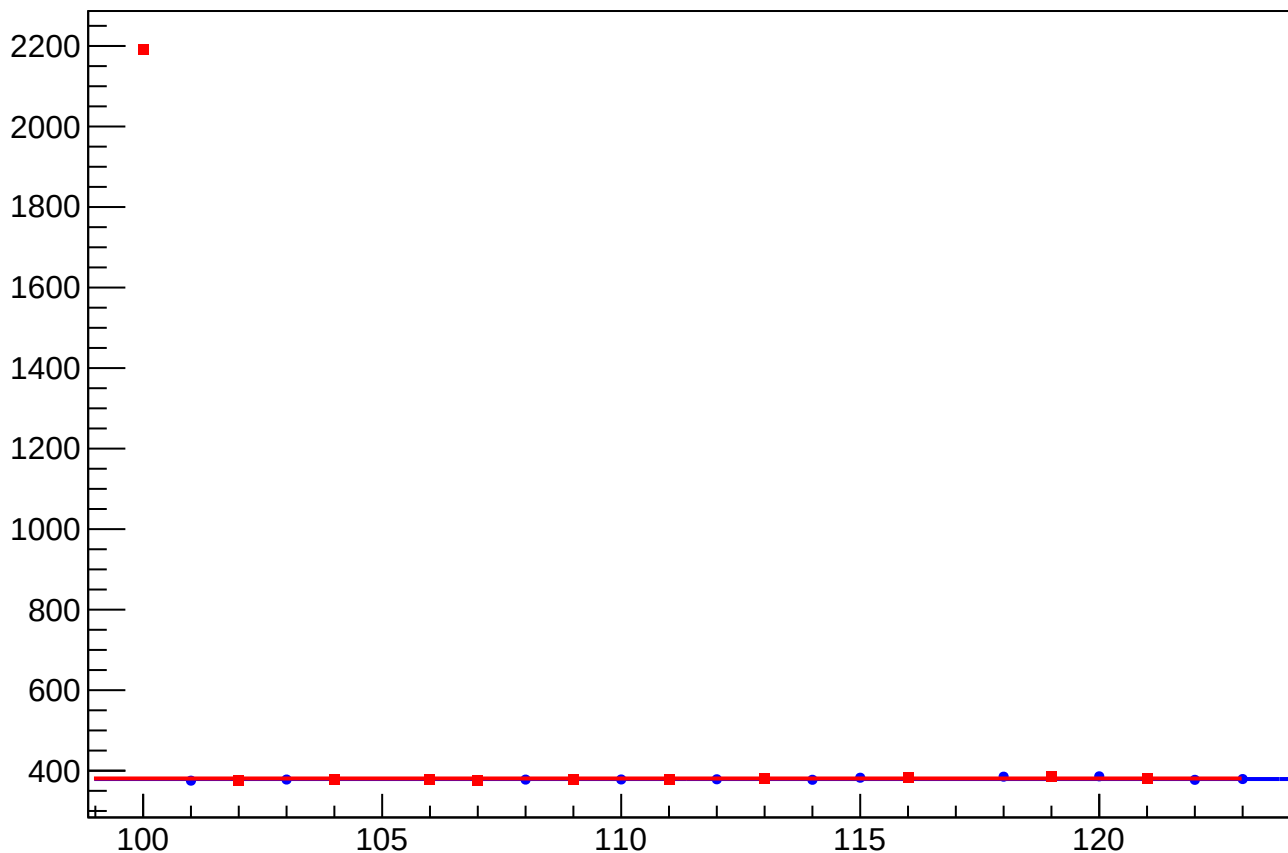
Right: -21.000+/-128.273 χ^2/NDF : 17.2/21

In: -114.197+/-186.239 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.000+/-128.273 χ^2/NDF : 17.2/21

asym_dsr_rms vs Slug, Sign Corrected



Right In: 379.317+/-0.132 χ^2/NDF : 698.5/10

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

Right Out: 380.700+/-0.125 χ^2/NDF : 99405.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

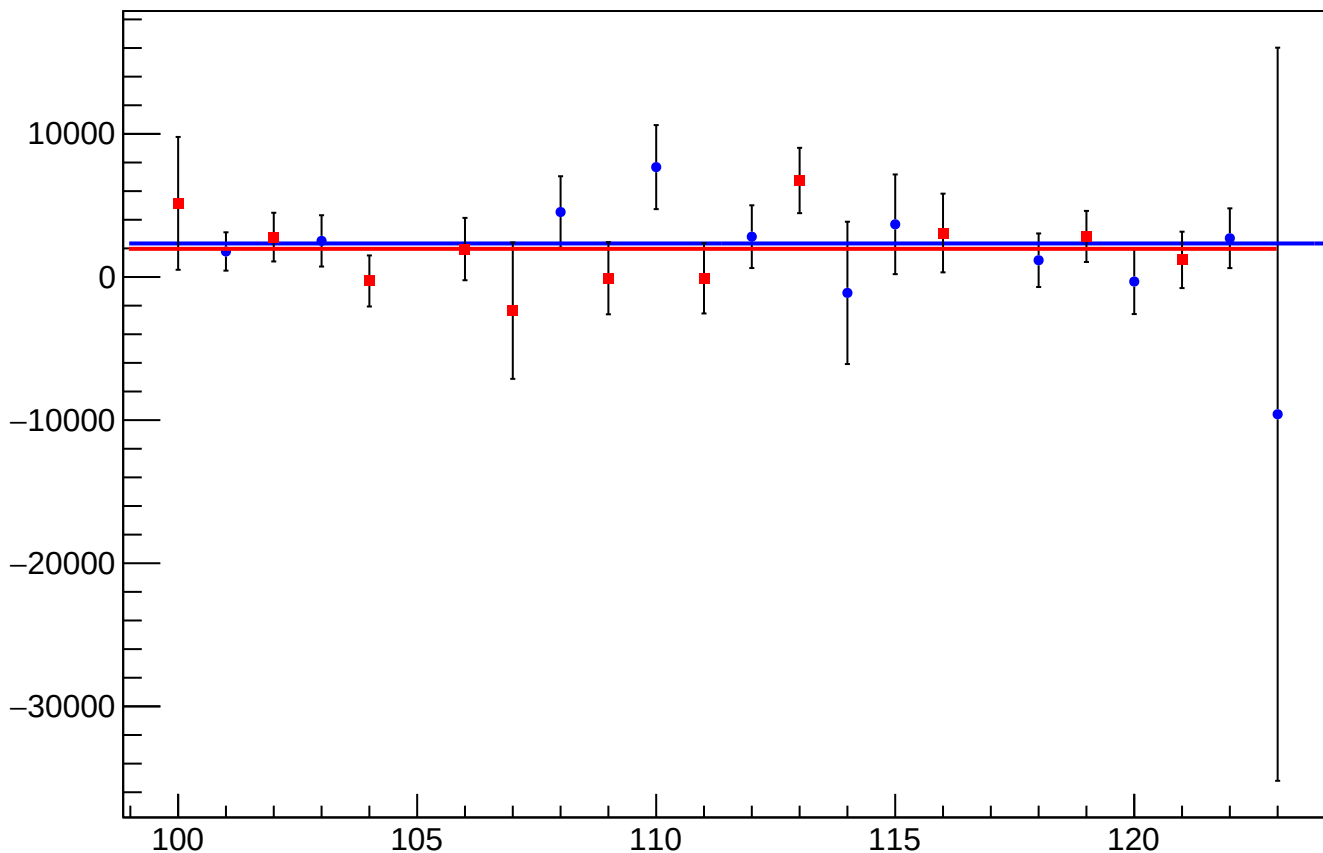
Right: 380.044+/-0.091 χ^2/NDF : 100162.0/21

In: 379.317+/-0.132 χ^2/NDF : 698.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.044+/-0.091 χ^2/NDF : 100162.0/21

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2343.791+/-676.409 χ^2/NDF : 6.9/10

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

Right Out: 1969.271+/-677.228 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

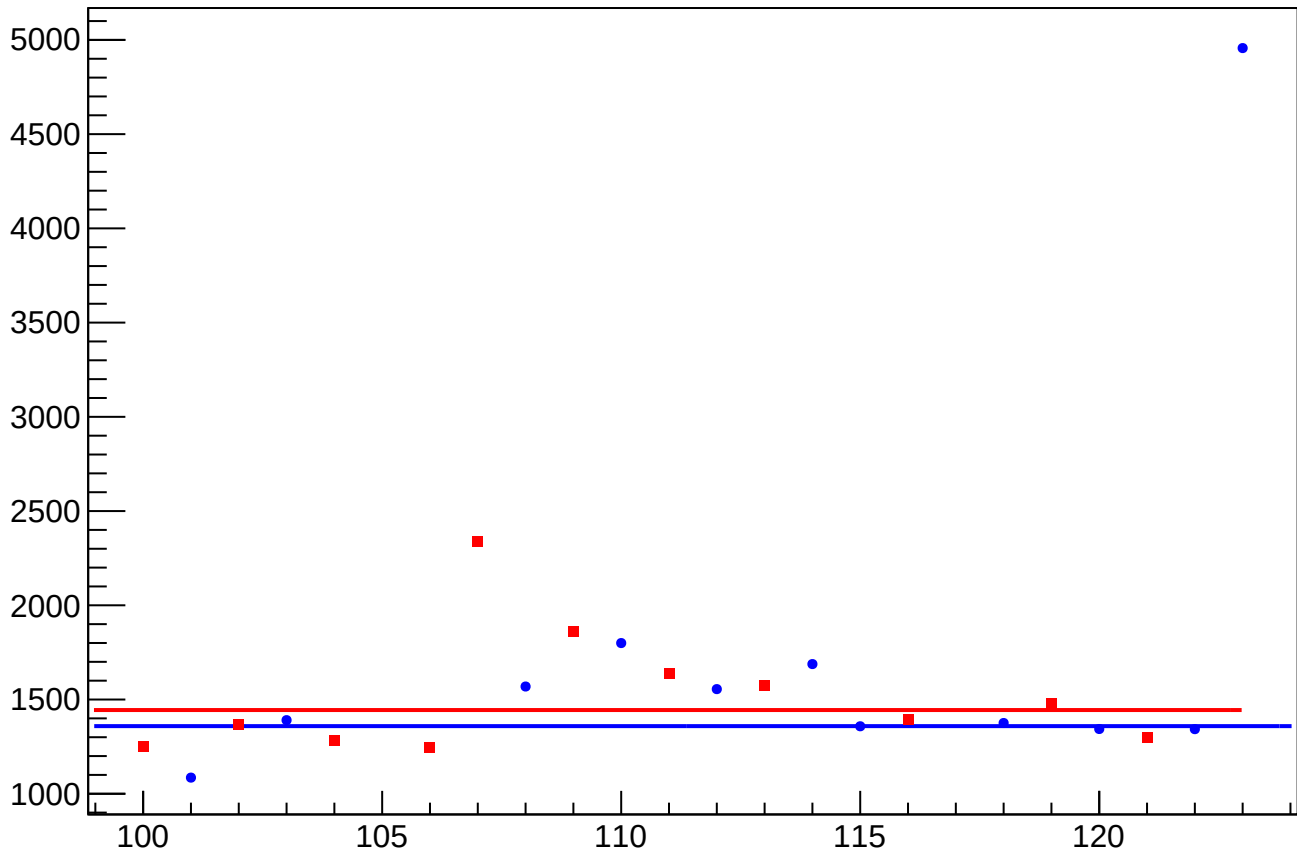
Right: 2156.758+/-478.583 χ^2/NDF : 16.5/21

In: 2343.791+/-676.409 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.758+/-478.583 χ^2/NDF : 16.5/21

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1358.854+/-0.478 χ^2/NDF : 207733.9/10

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

Right Out: 1444.194+/-0.479 χ^2/NDF : 196256.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

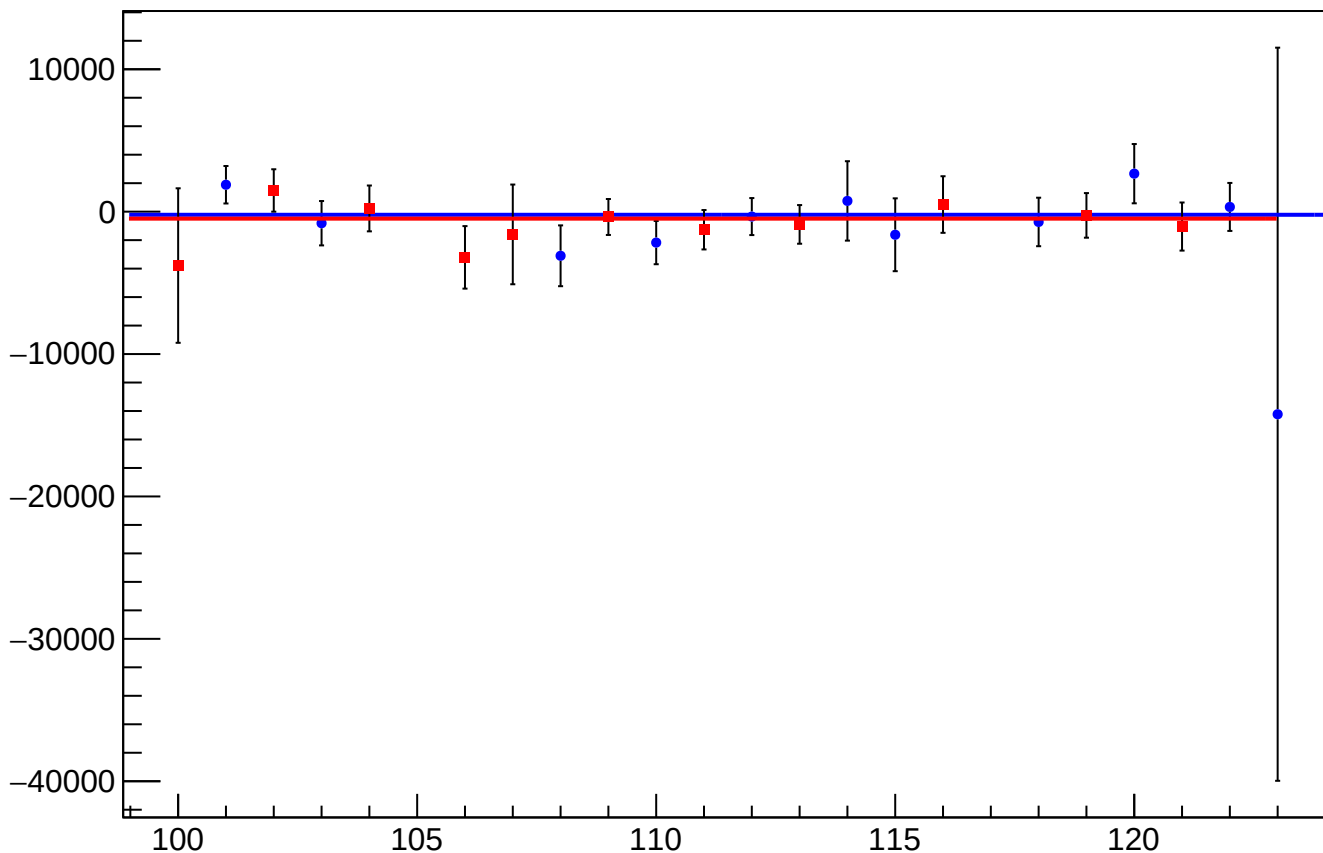
Right: 1401.472+/-0.338 χ^2/NDF : 419889.0/21

In: 1358.854+/-0.478 χ^2/NDF : 207733.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.472+/-0.338 χ^2/NDF : 419889.0/21

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -219.431+/-538.776 χ^2 /NDF: 9.0/10

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

Right Out: -490.751+/-508.749 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

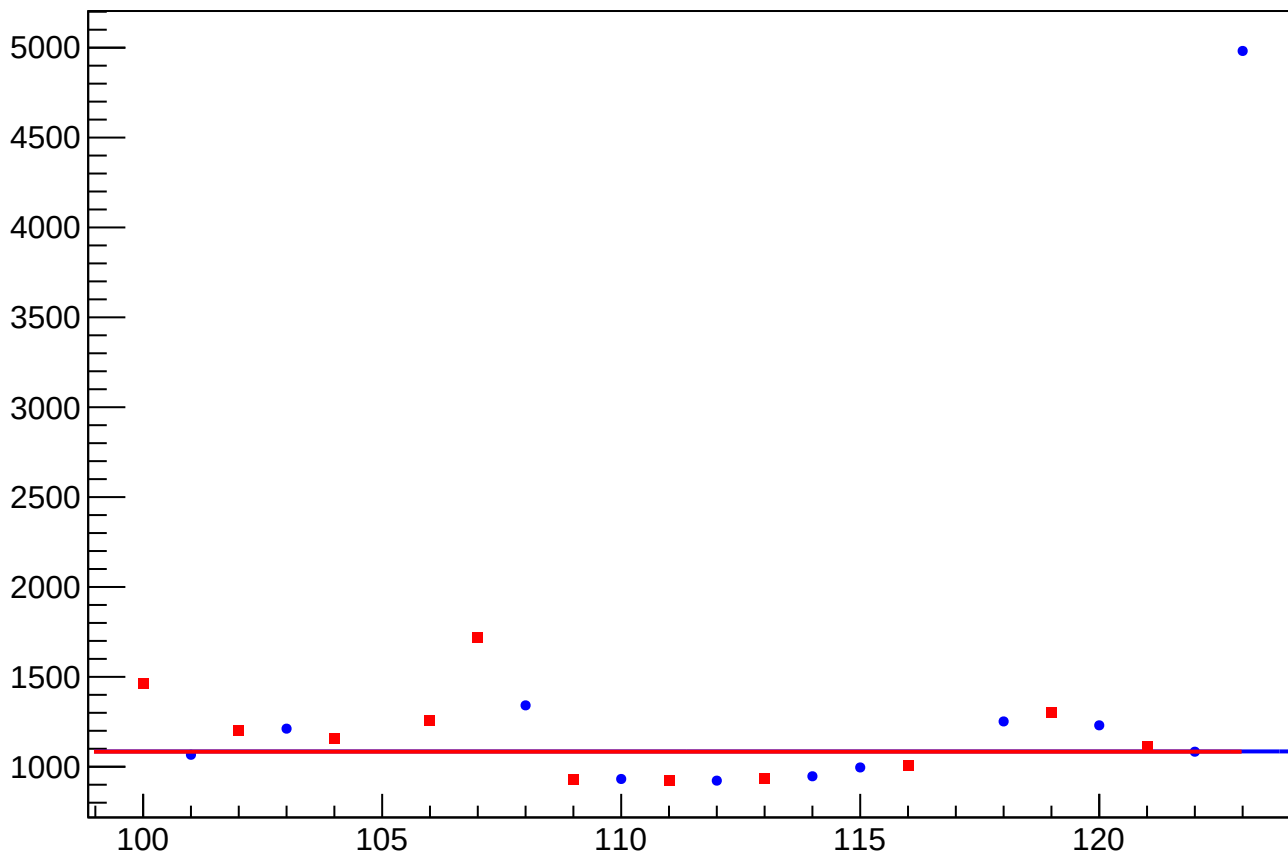
Right: -362.862+/-369.900 χ^2 /NDF: 13.9/21

In: -219.431+/-538.776 χ^2 /NDF:9.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -362.862+/-369.900 χ^2 /NDF: 13.9/21

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1085.215+/-0.381 χ^2/NDF : 176142.4/10

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

Right Out: 1083.828+/-0.360 χ^2/NDF : 225221.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

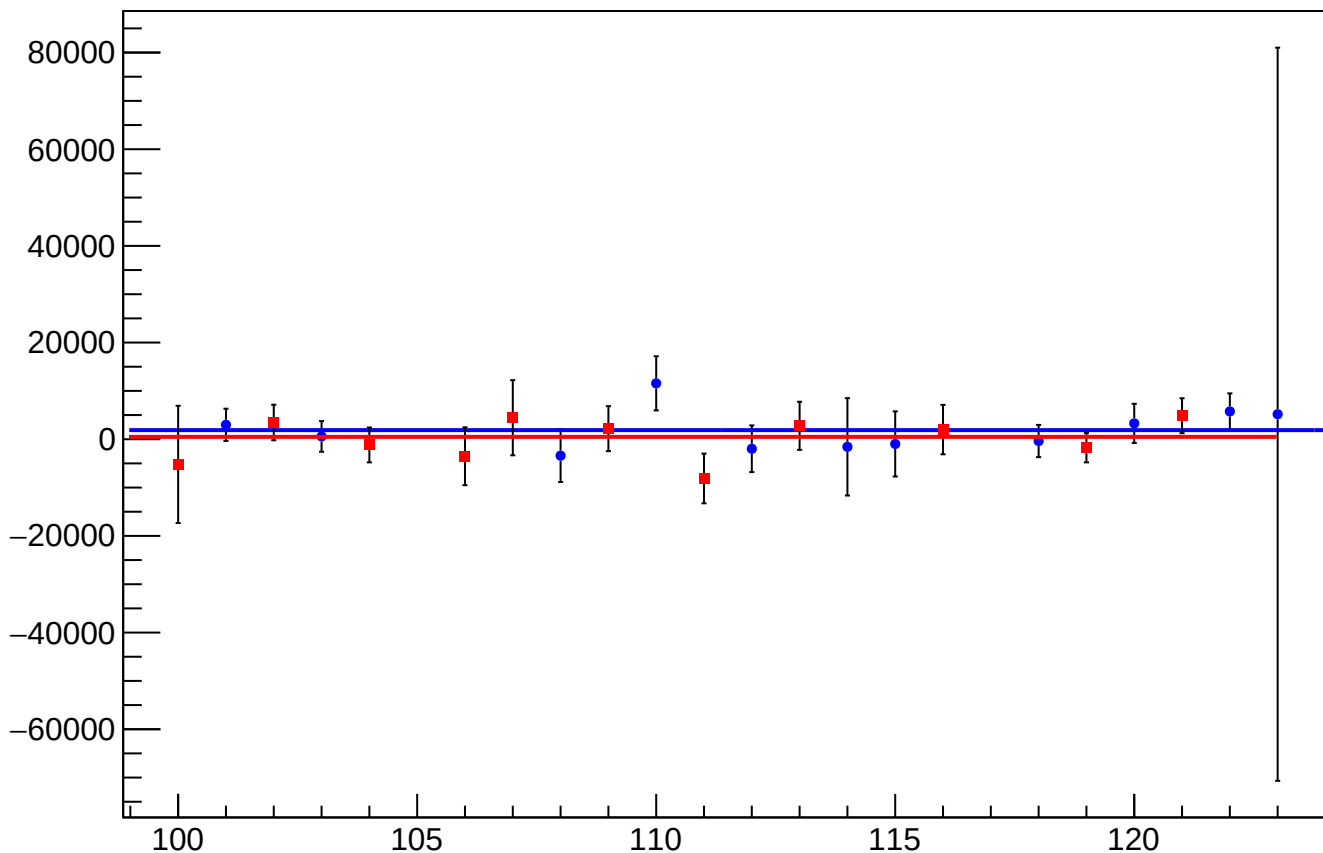
Right: 1084.482+/-0.262 χ^2/NDF : 401370.8/21

In: 1085.215+/-0.381 χ^2/NDF : 176142.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.482+/-0.262 χ^2/NDF : 401370.8/21

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1880.828+/-1345.453 χ^2 /NDF: 6.8/10

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

Right Out: 490.059+/-1348.382 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

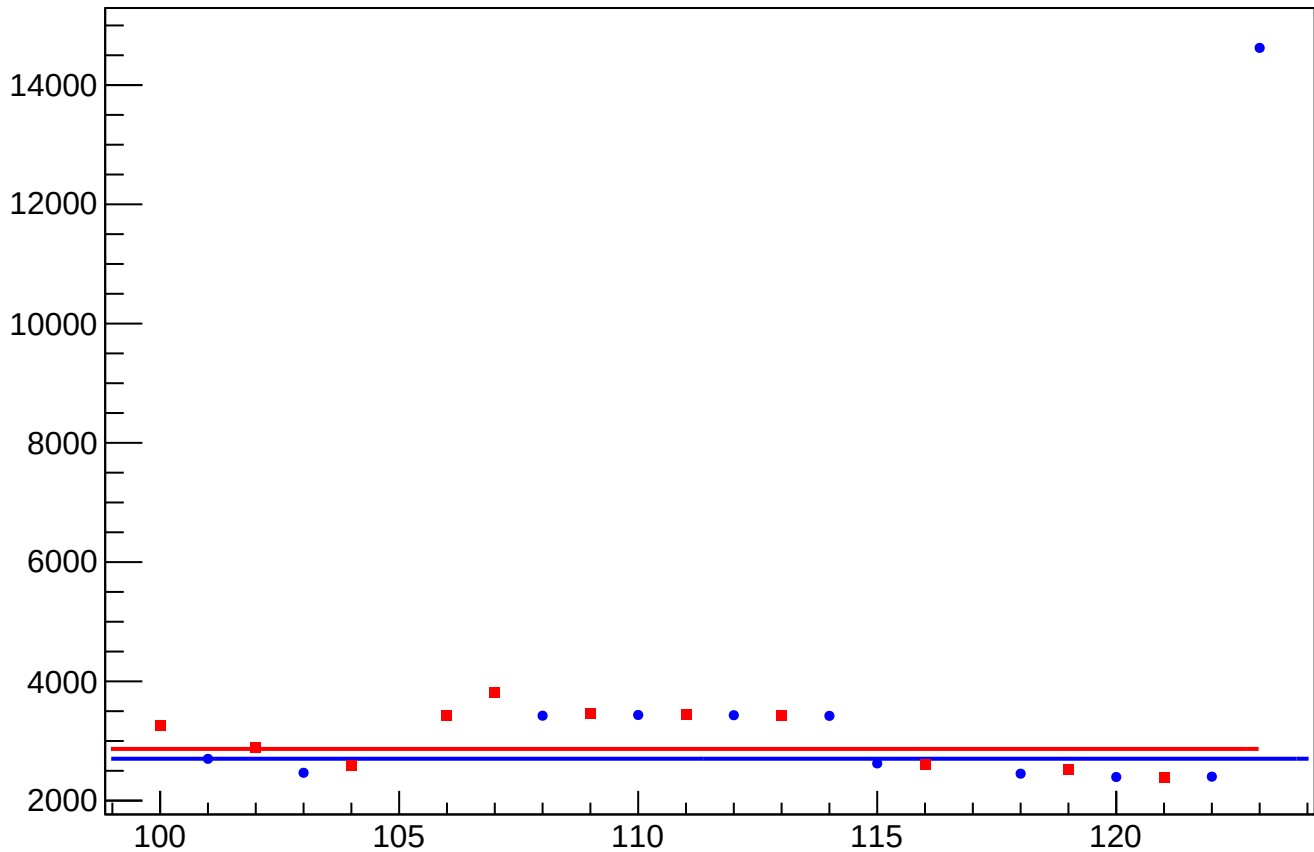
Right: 1186.956+/-952.413 χ^2 /NDF: 14.4/21

In: 1880.828+/-1345.453 χ^2 /NDF:6.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1186.956+/-952.413 χ^2 /NDF: 14.4/21

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2702.560+/-0.951 χ^2/NDF : 221663.2/10

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

Right Out: 2867.142+/-0.953 χ^2/NDF : 212204.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

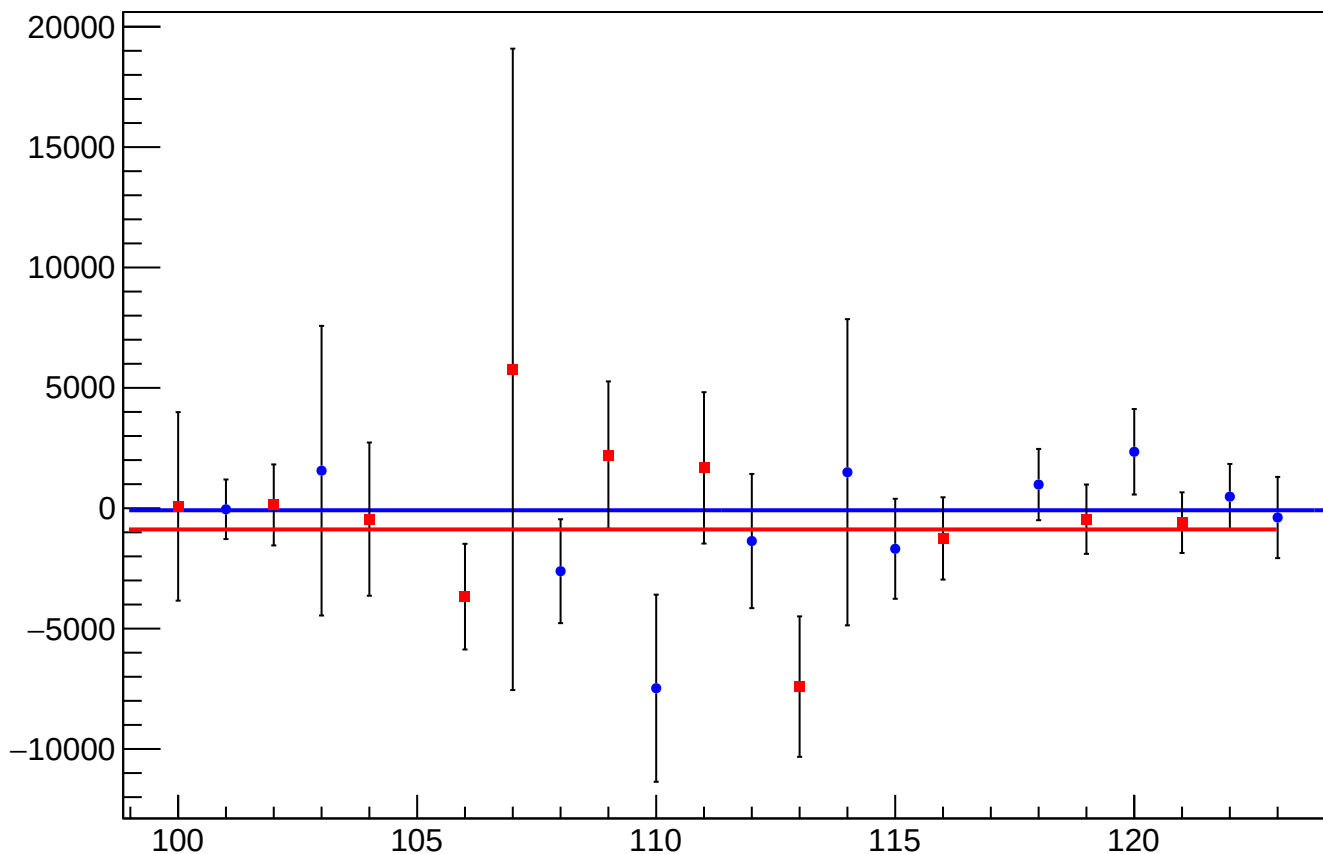
Right: 2784.672+/-0.673 χ^2/NDF : 448798.3/21

In: 2702.560+/-0.951 χ^2/NDF : 221663.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.672+/-0.673 χ^2/NDF : 448798.3/21

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -84.256 ± 576.030 χ^2/NDF : 8.5/10

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

Right Out: -880.316 ± 630.937 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

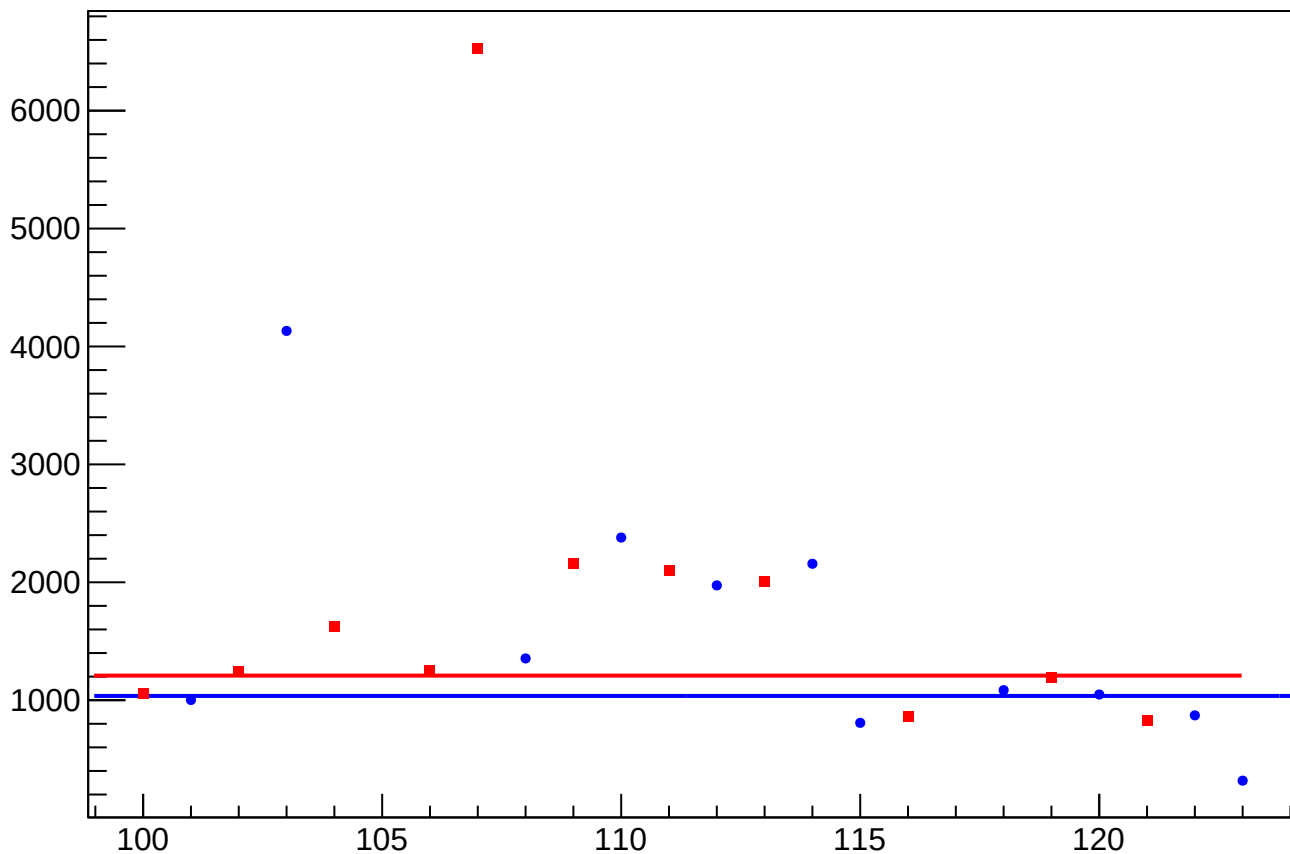
Right: -446.147 ± 425.405 χ^2/NDF : 18.6/21

In: -84.256 ± 576.030 χ^2/NDF : 8.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -446.147 ± 425.405 χ^2/NDF : 18.6/21

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1036.230+/-0.407 χ^2/NDF : 1521069.5/10

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

Right Out: 1208.679+/-0.446 χ^2/NDF : 1128864.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

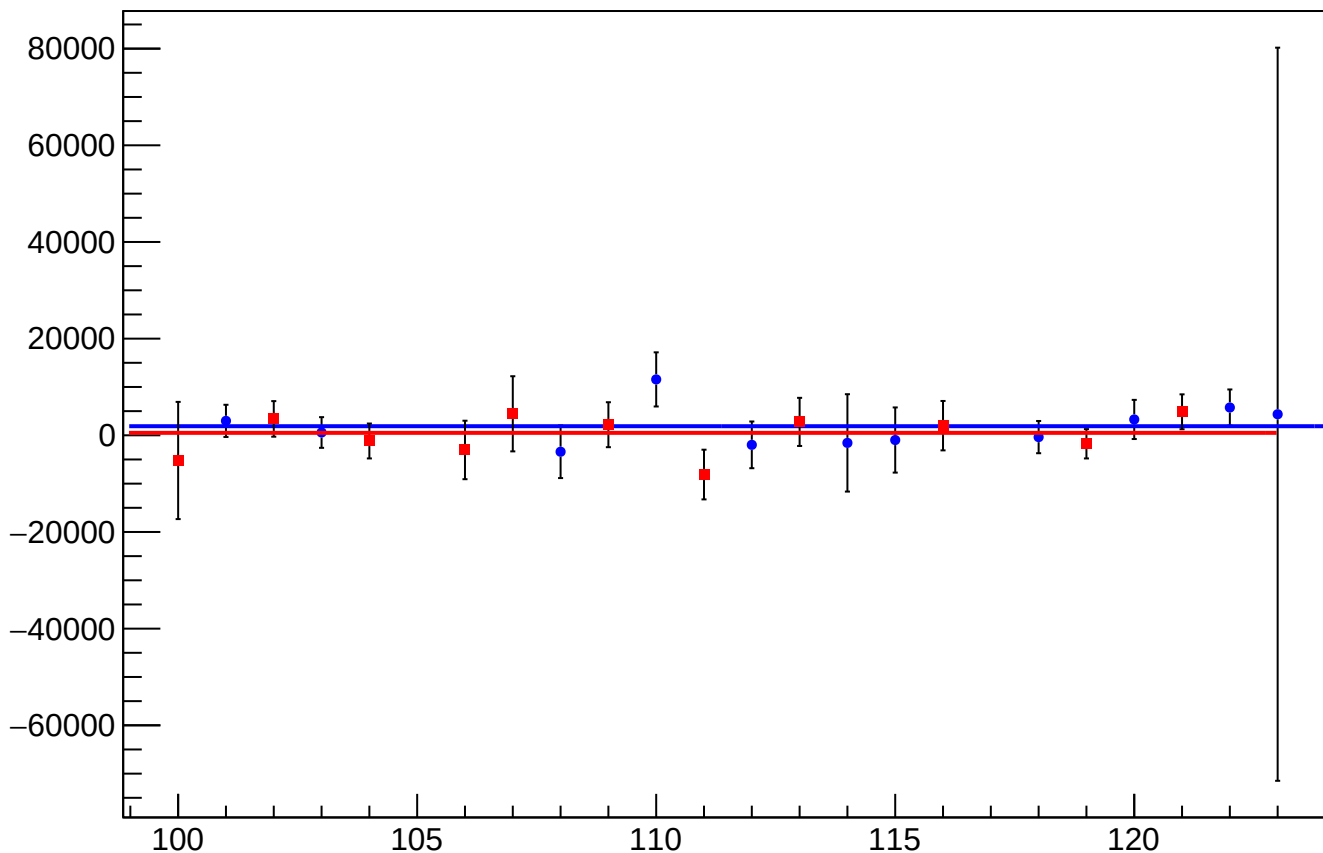
Right: 1114.626+/-0.301 χ^2/NDF : 2731422.2/21

In: 1036.230+/-0.407 χ^2/NDF : 1521069.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.626+/-0.301 χ^2/NDF : 2731422.2/21

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1881.245+/-1345.453 χ^2/NDF : 6.8/10

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

Right Out: 509.628+/-1349.160 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

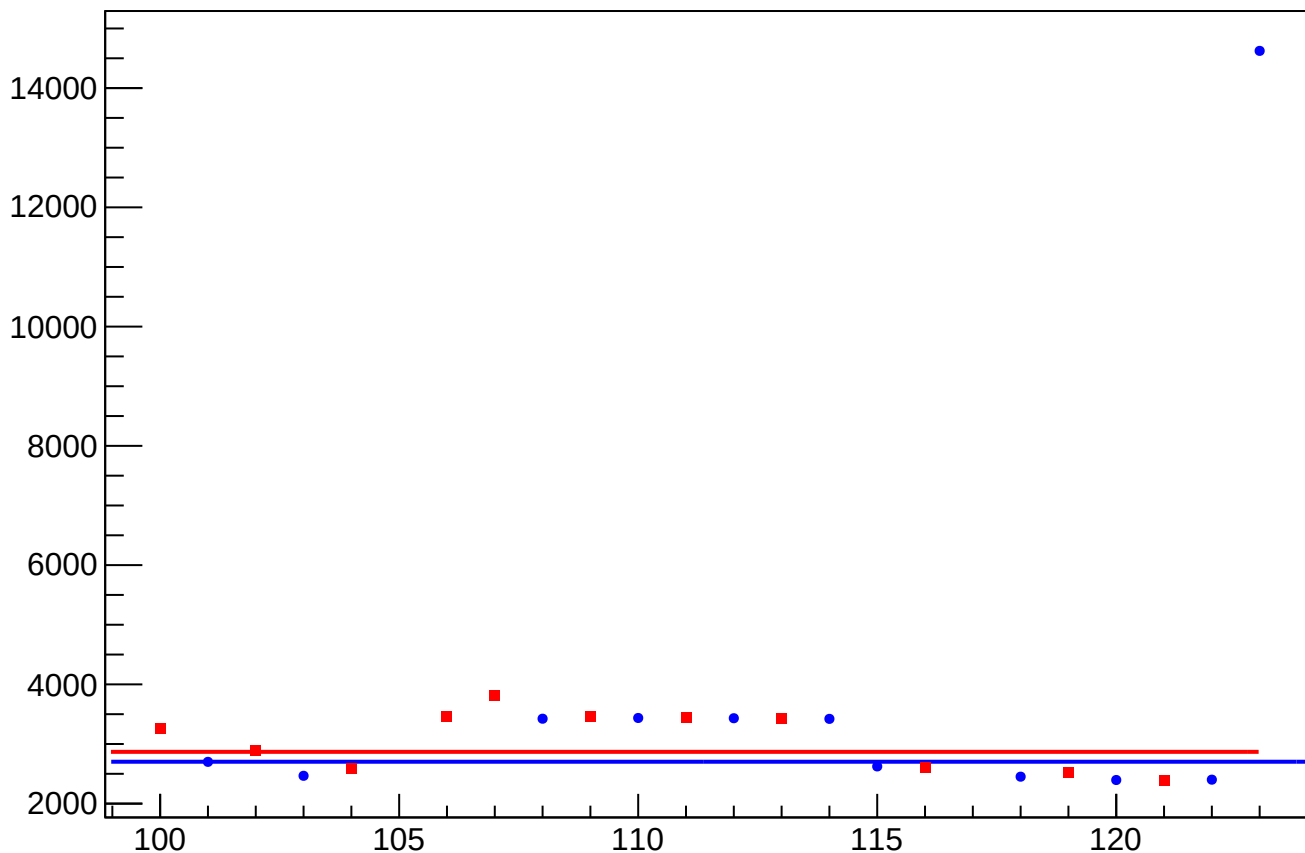
Right: 1197.323+/-952.687 χ^2/NDF : 14.2/21

In: 1881.245+/-1345.453 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.323+/-952.687 χ^2/NDF : 14.2/21

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2702.560+/-0.951 χ^2/NDF : 221663.1/10

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

Right Out: 2868.450+/-0.954 χ^2/NDF : 214232.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

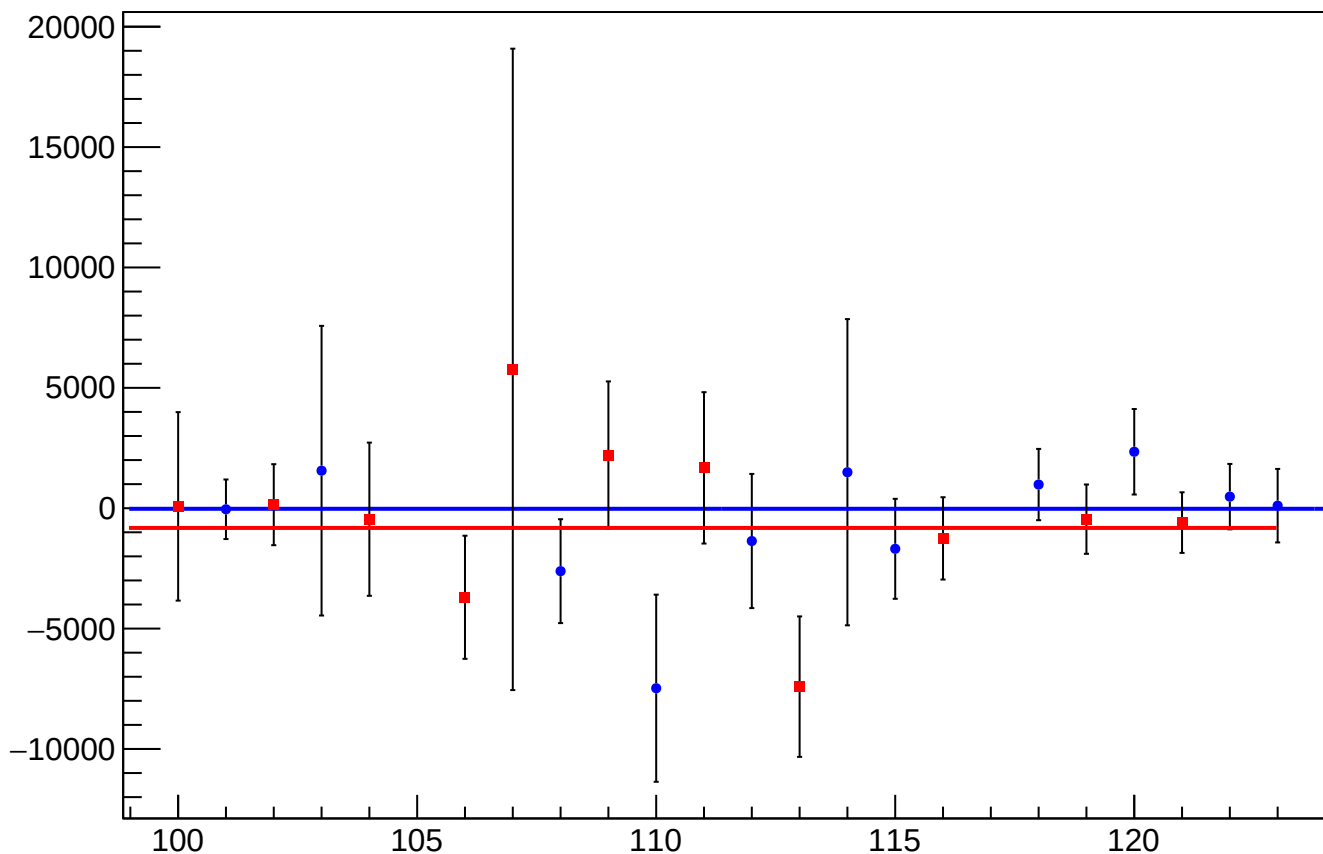
Right: 2785.277+/-0.674 χ^2/NDF : 451055.8/21

In: 2702.560+/-0.951 χ^2/NDF : 221663.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2785.277+/-0.674 χ^2/NDF : 451055.8/21

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -23.792 ± 568.767 χ^2/NDF : 8.5/10

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

Right Out: -818.728 ± 637.903 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

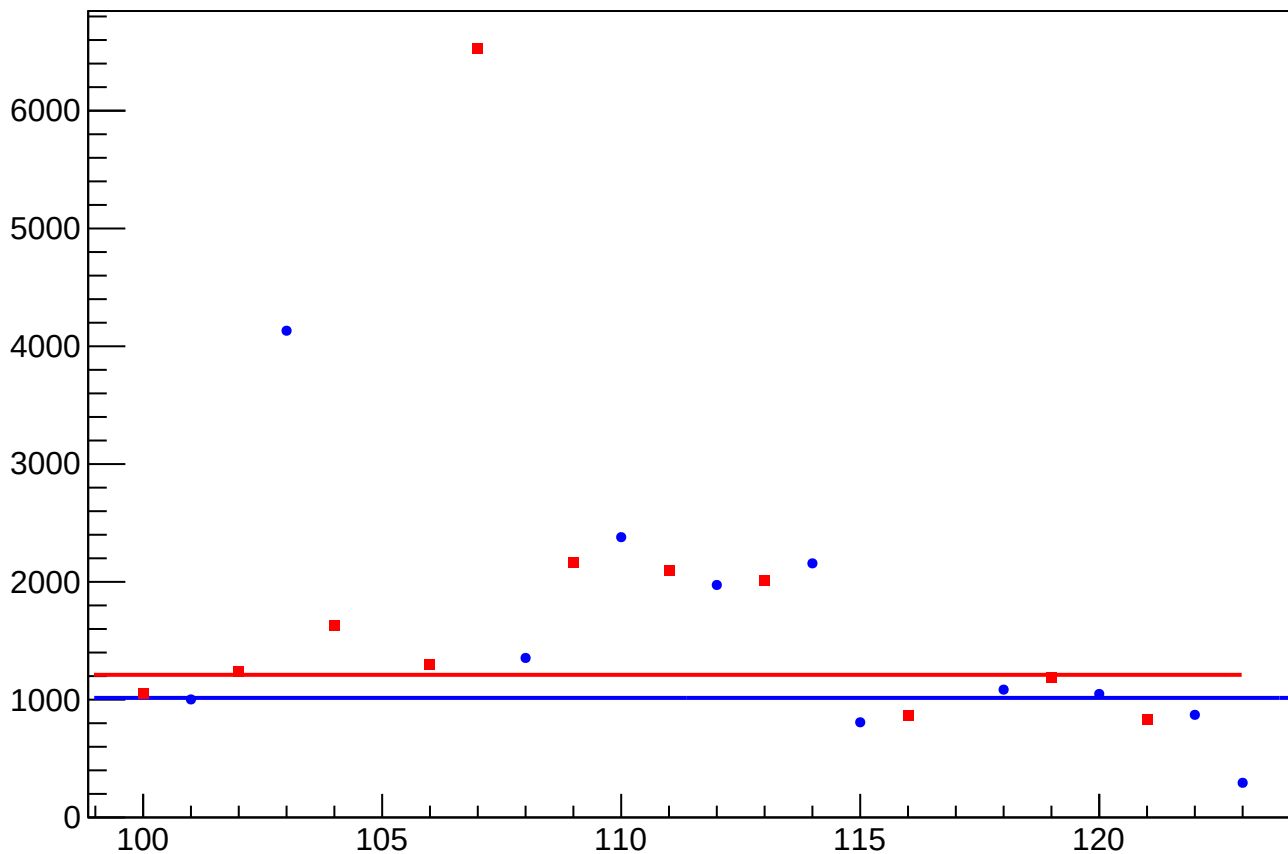
Right: -375.863 ± 424.525 χ^2/NDF : 18.2/21

In: -23.792 ± 568.767 χ^2/NDF : 8.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -375.863 ± 424.525 χ^2/NDF : 18.2/21

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1014.962+/-0.402 χ^2/NDF : 1627686.0/10

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

Right Out: 1210.864+/-0.451 χ^2/NDF : 1130803.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

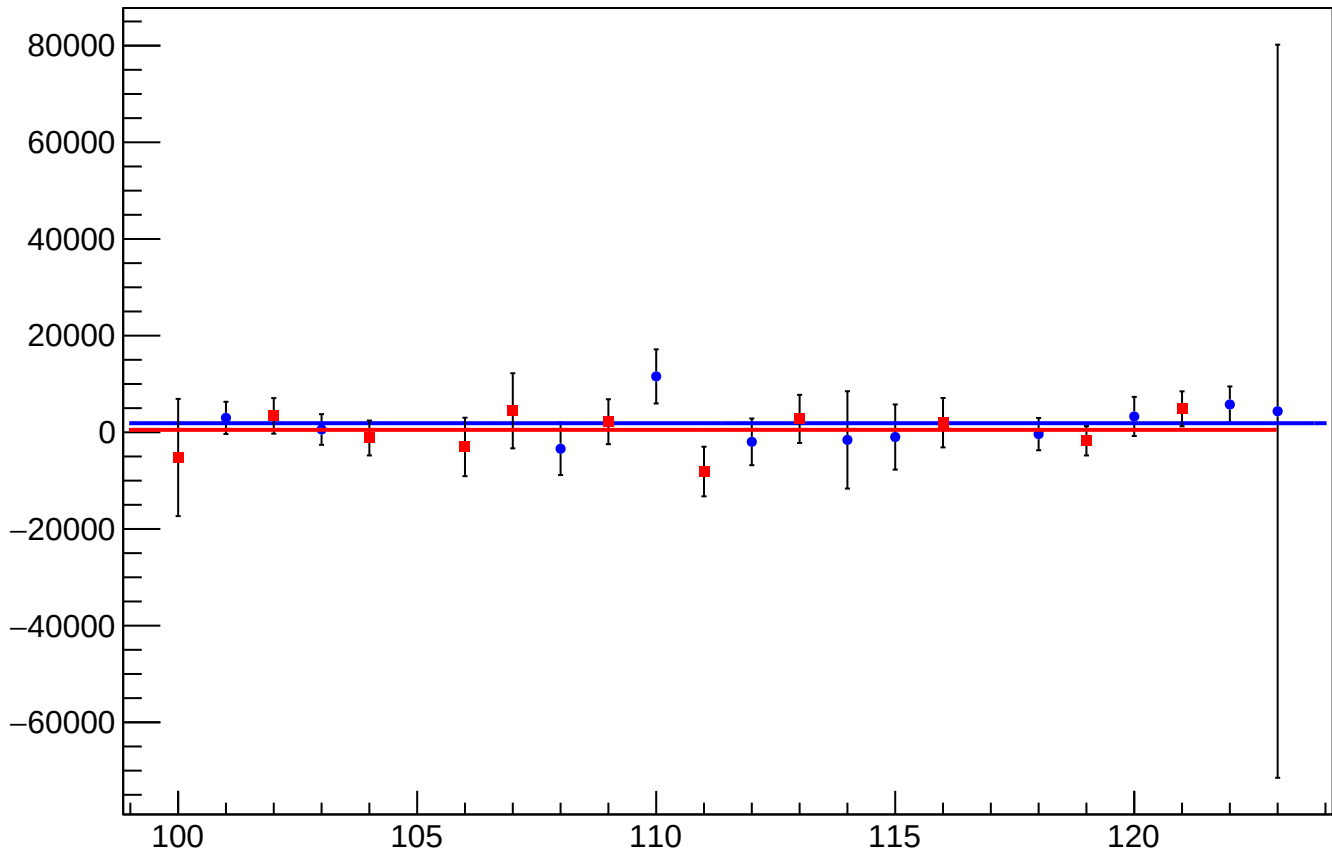
Right: 1101.725+/-0.300 χ^2/NDF : 2863573.1/21

In: 1014.962+/-0.402 χ^2/NDF :1627686.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1101.725+/-0.300 χ^2/NDF : 2863573.1/21

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1881.245+/-1345.453 χ^2/NDF : 6.8/10

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

Right Out: 509.628+/-1349.160 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

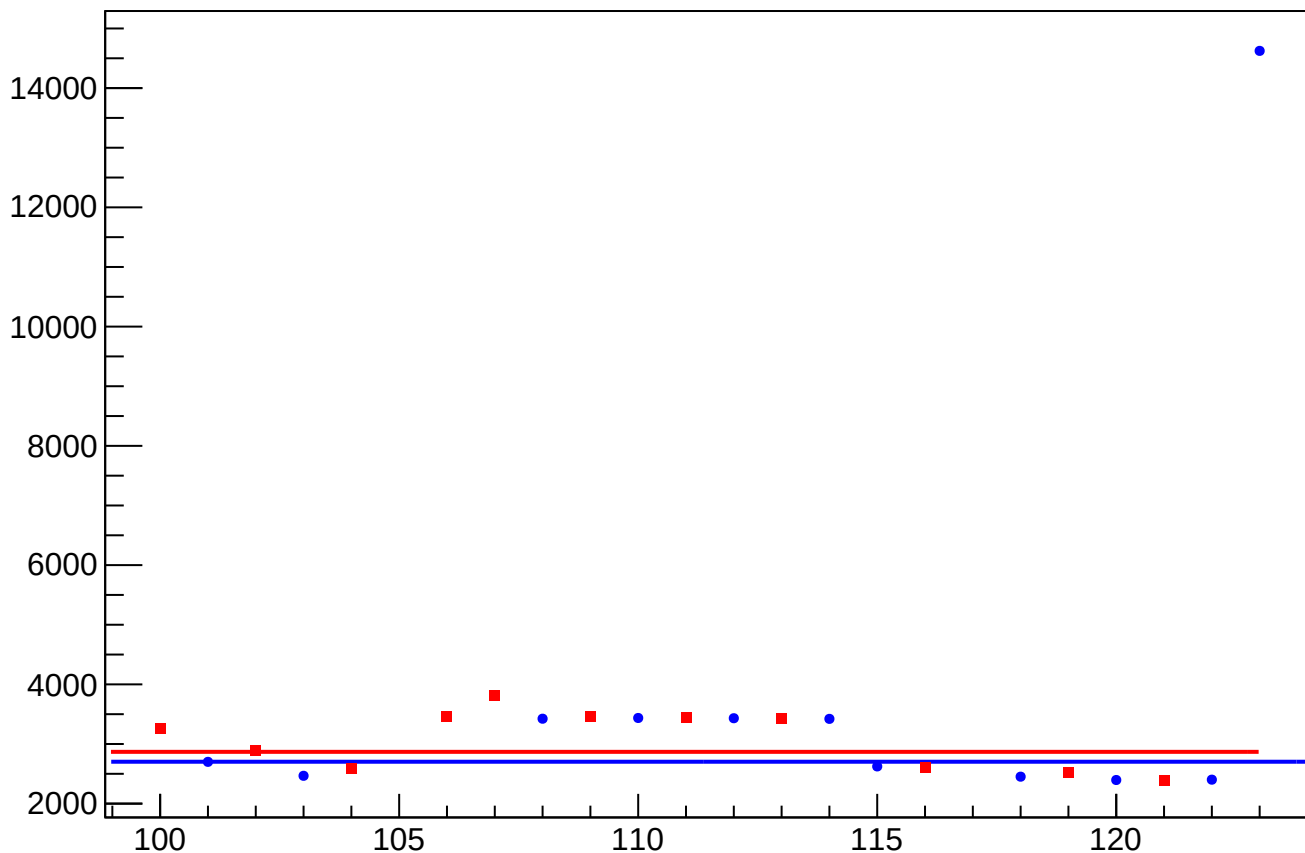
Right: 1197.323+/-952.687 χ^2/NDF : 14.2/21

In: 1881.245+/-1345.453 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.323+/-952.687 χ^2/NDF : 14.2/21

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2702.560+/-0.951 χ^2 /NDF: 221663.1/10

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

Right Out: 2868.450+/-0.954 χ^2 /NDF: 214232.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

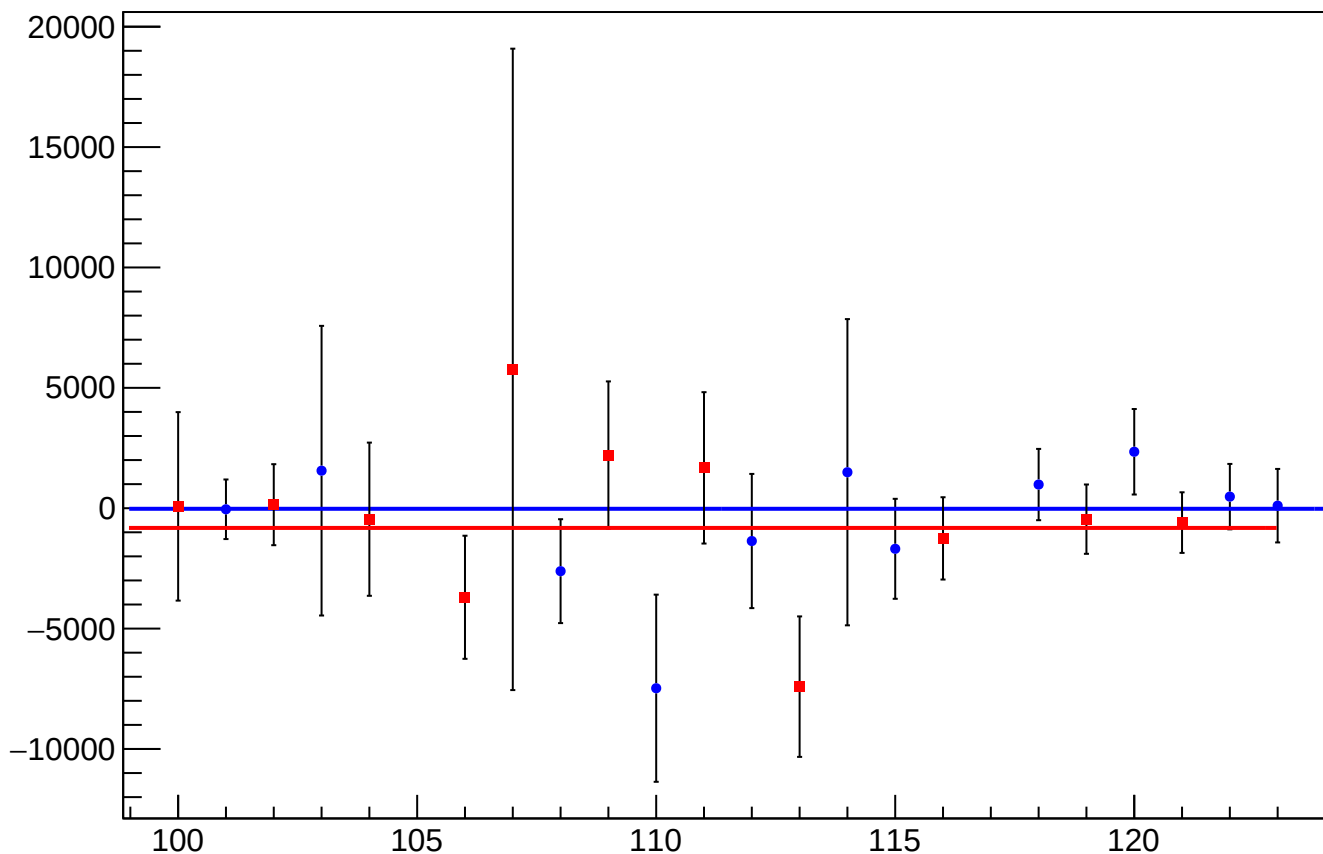
Right: 2785.277+/-0.674 χ^2 /NDF: 451055.8/21

In: 2702.560+/-0.951 χ^2 /NDF:221663.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2785.277+/-0.674 χ^2 /NDF: 451055.8/21

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -23.792+/-568.767 χ^2/NDF : 8.5/10

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

Right Out: -818.728+/-637.903 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

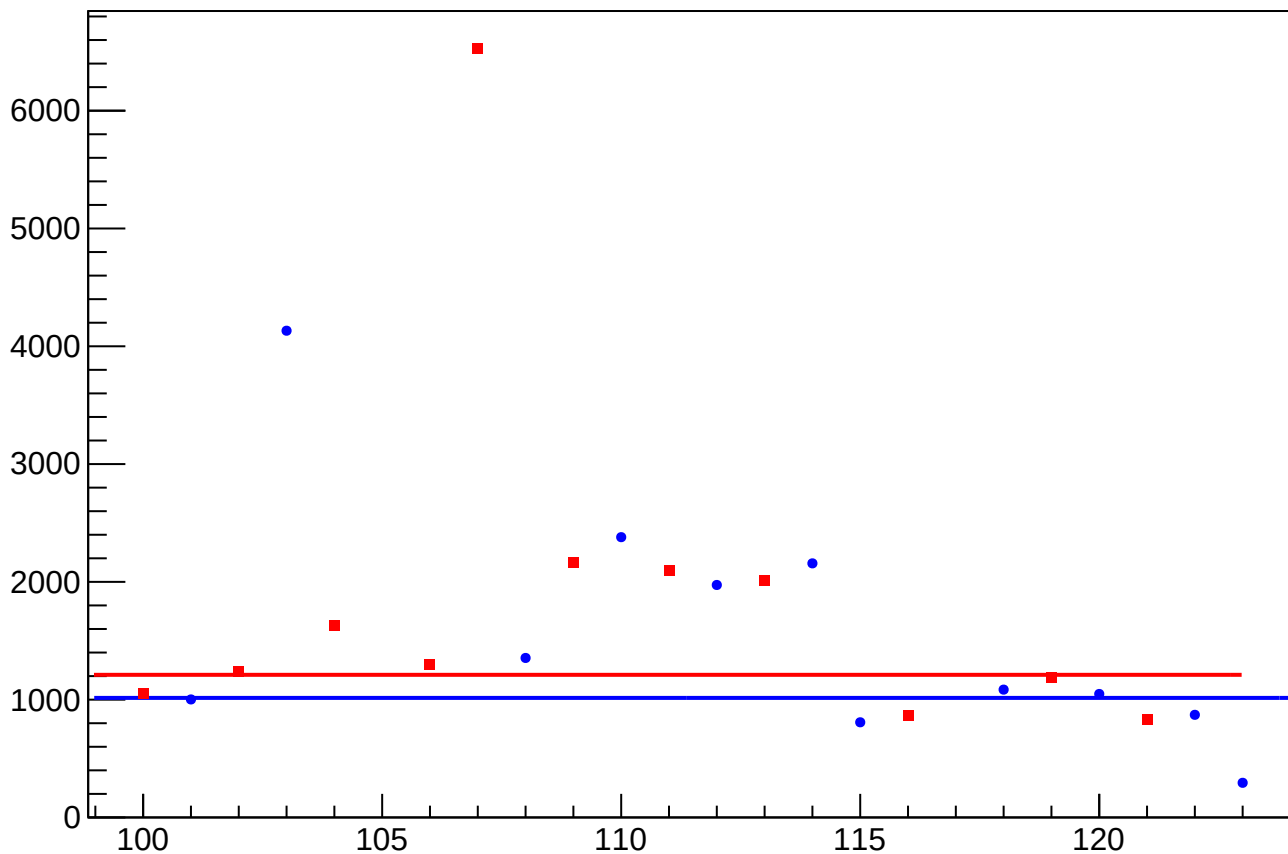
Right: -375.863+/-424.525 χ^2/NDF : 18.2/21

In: -23.792+/-568.767 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.863+/-424.525 χ^2/NDF : 18.2/21

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1014.962+/-0.402 χ^2/NDF : 1627686.0/10

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

Right Out: 1210.864+/-0.451 χ^2/NDF : 1130803.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

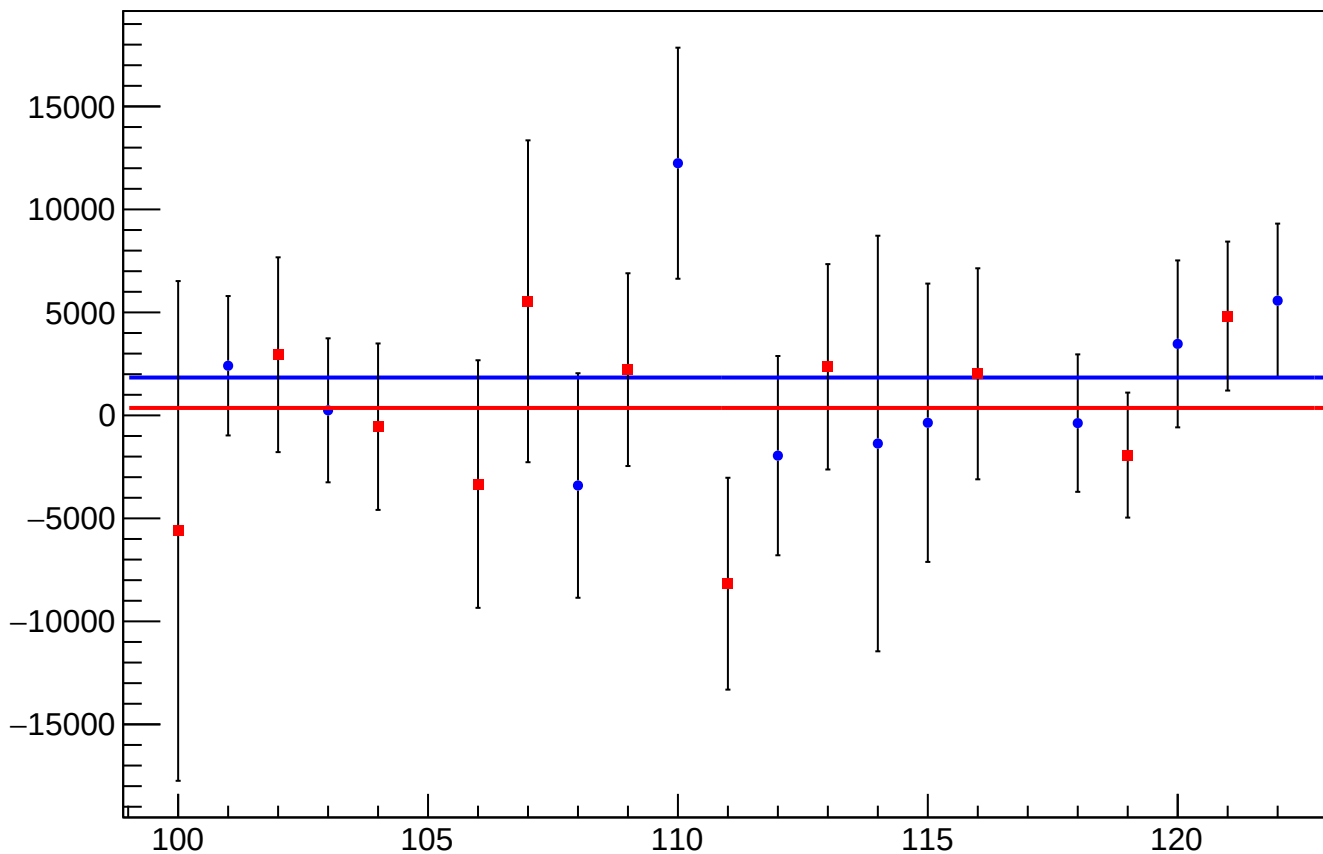
Right: 1101.725+/-0.300 χ^2/NDF : 2863573.1/21

In: 1014.962+/-0.402 χ^2/NDF :1627686.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1101.725+/-0.300 χ^2/NDF : 2863573.1/21

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1838.079+/-1371.977 χ^2/NDF : 7.0/9

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

Right Out: 361.637+/-1408.953 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

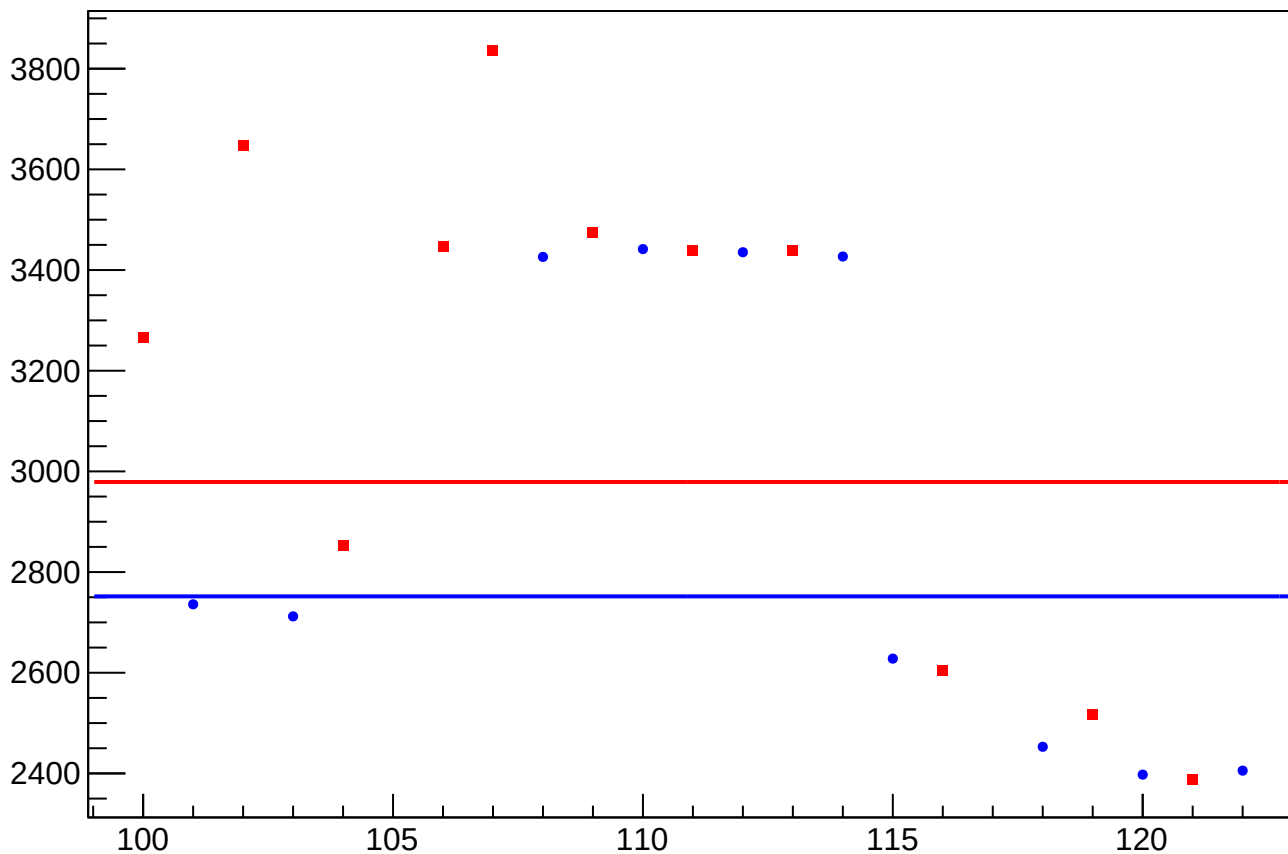
Right: 1119.486+/-982.947 χ^2/NDF : 14.3/20

In: 1838.079+/-1371.977 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.486+/-982.947 χ^2/NDF : 14.3/20

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2751.710+/-0.970 χ^2/NDF : 159200.9/9

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

Right Out: 2978.953+/-0.996 χ^2/NDF : 245228.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

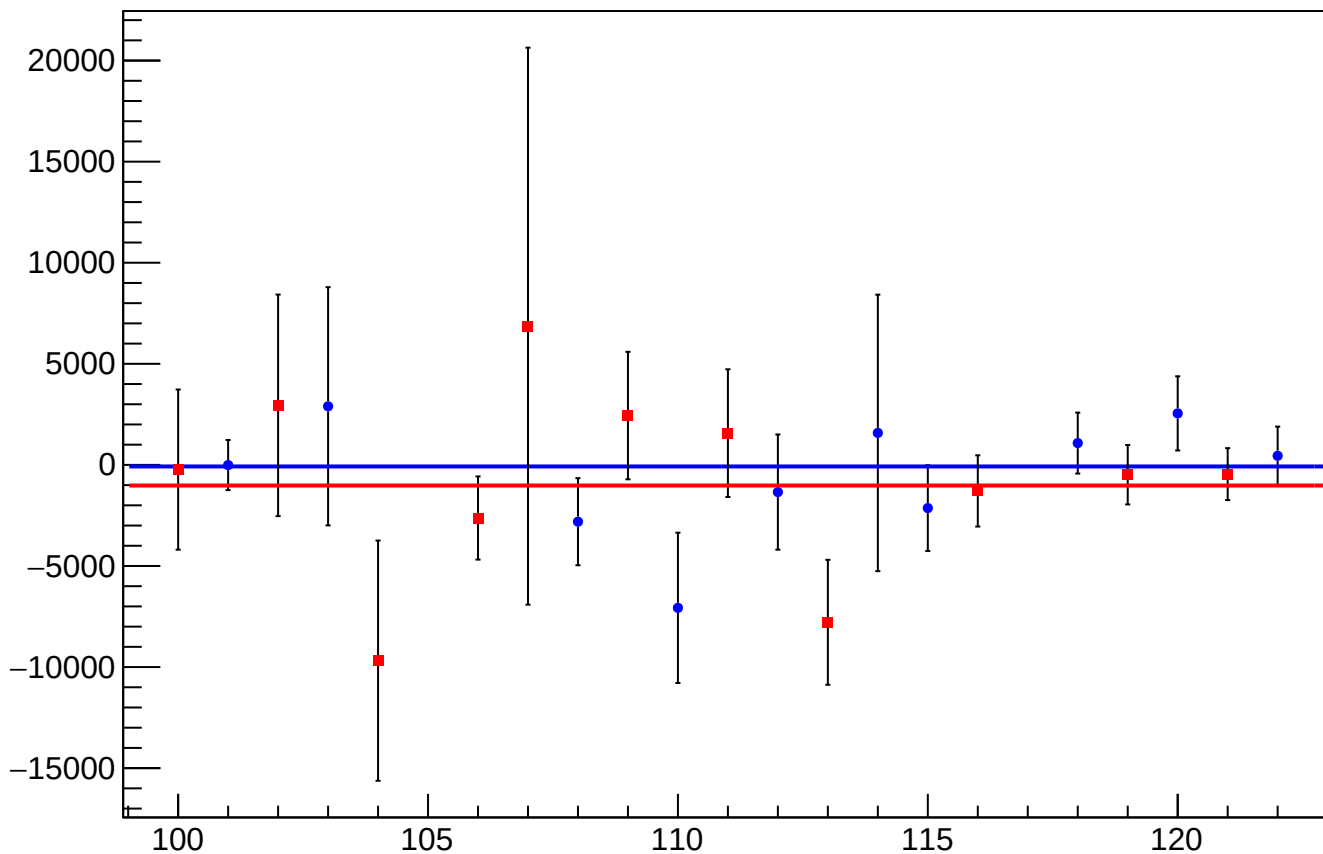
Right: 2862.311+/-0.695 χ^2/NDF : 431133.5/20

In: 2751.710+/-0.970 χ^2/NDF : 159200.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2862.311+/-0.695 χ^2/NDF : 431133.5/20

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -76.985+/-626.061 χ^2/NDF : 9.4/9

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

Right Out: -1019.858+/-696.138 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

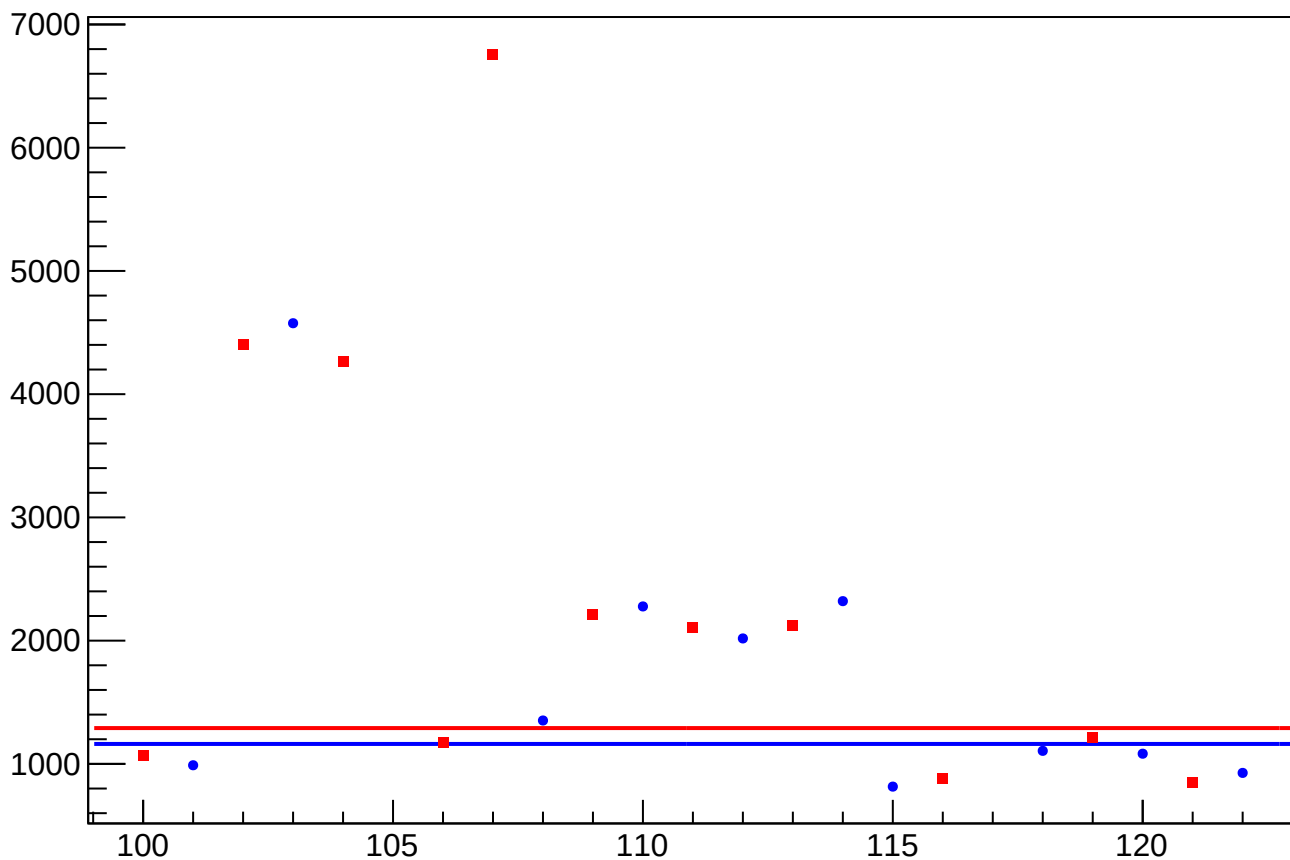
Right: -498.589+/-465.502 χ^2/NDF : 21.0/20

In: -76.985+/-626.061 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.589+/-465.502 χ^2/NDF : 21.0/20

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1161.783+/-0.443 χ^2/NDF : 1256743.7/9

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

Right Out: 1290.571+/-0.492 χ^2/NDF : 2277737.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

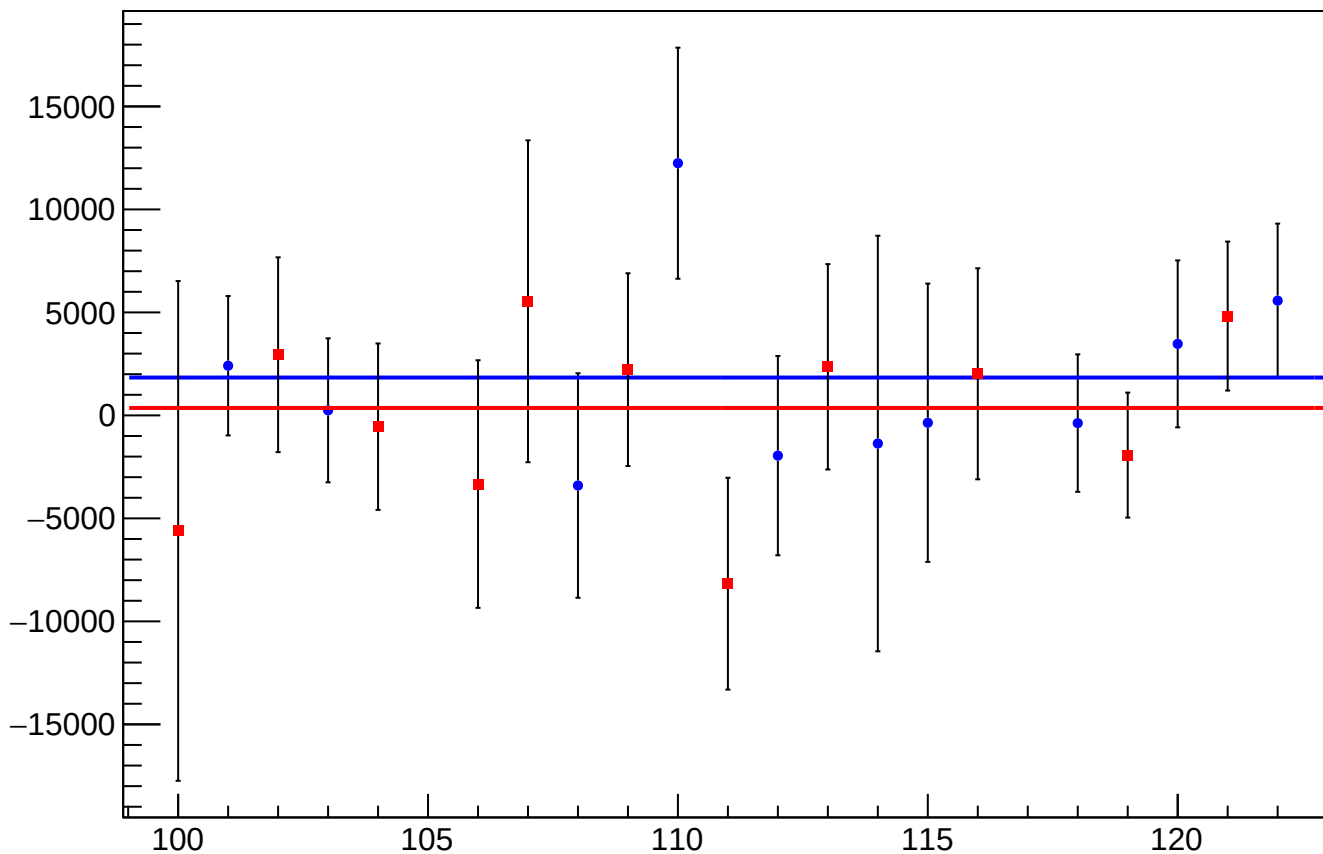
Right: 1219.370+/-0.329 χ^2/NDF : 3572325.0/20

In: 1161.783+/-0.443 χ^2/NDF : 1256743.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.370+/-0.329 χ^2/NDF : 3572325.0/20

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1838.074+/-1371.977 χ^2/NDF : 7.0/9

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

Right Out: 361.634+/-1408.953 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

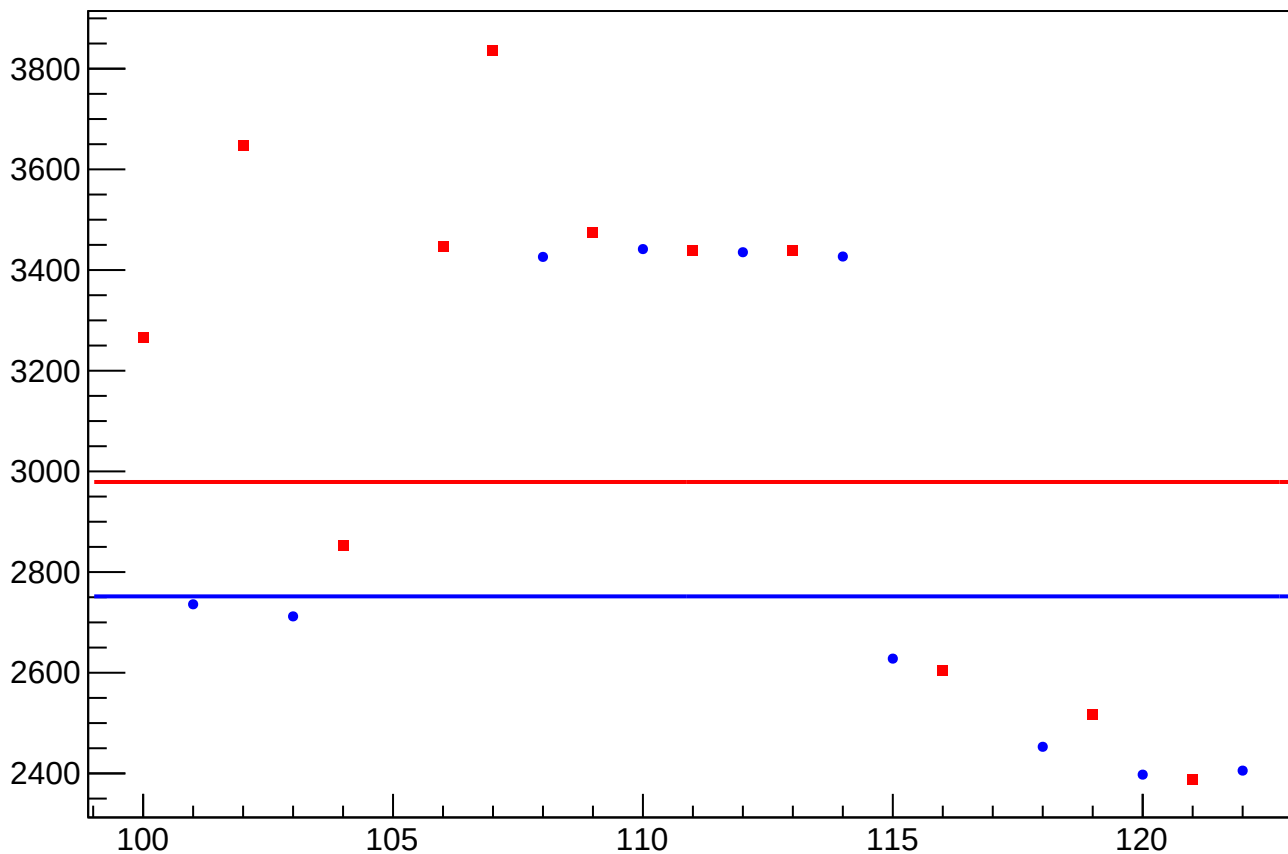
Right: 1119.482+/-982.946 χ^2/NDF : 14.3/20

In: 1838.074+/-1371.977 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.482+/-982.946 χ^2/NDF : 14.3/20

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2751.709+/-0.970 χ^2/NDF : 159201.0/9

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

Right Out: 2978.952+/-0.996 χ^2/NDF : 245227.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

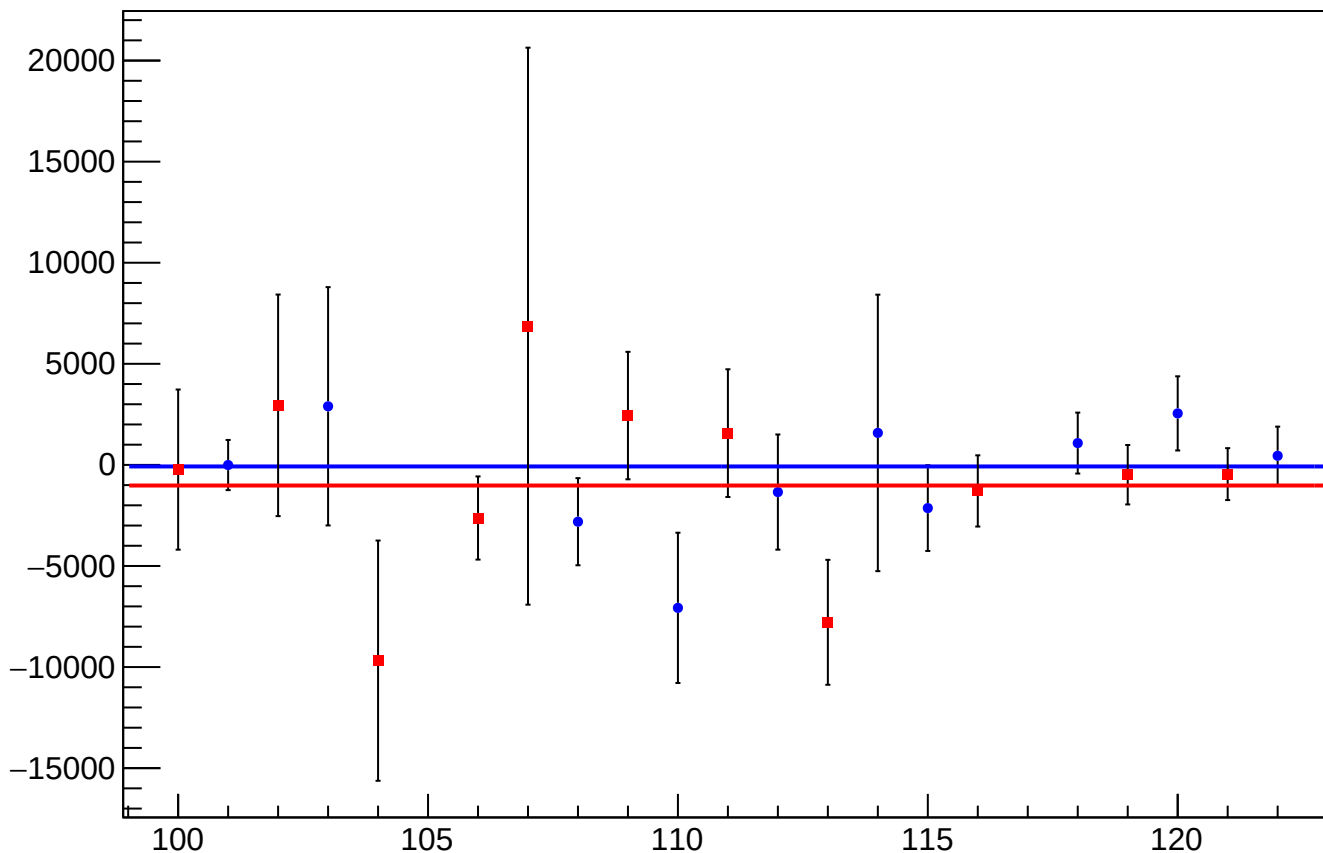
Right: 2862.310+/-0.695 χ^2/NDF : 431133.5/20

In: 2751.709+/-0.970 χ^2/NDF : 159201.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2862.310+/-0.695 χ^2/NDF : 431133.5/20

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -76.987+/-626.060 χ^2/NDF : 9.4/9

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

Right Out: -1019.857+/-696.137 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

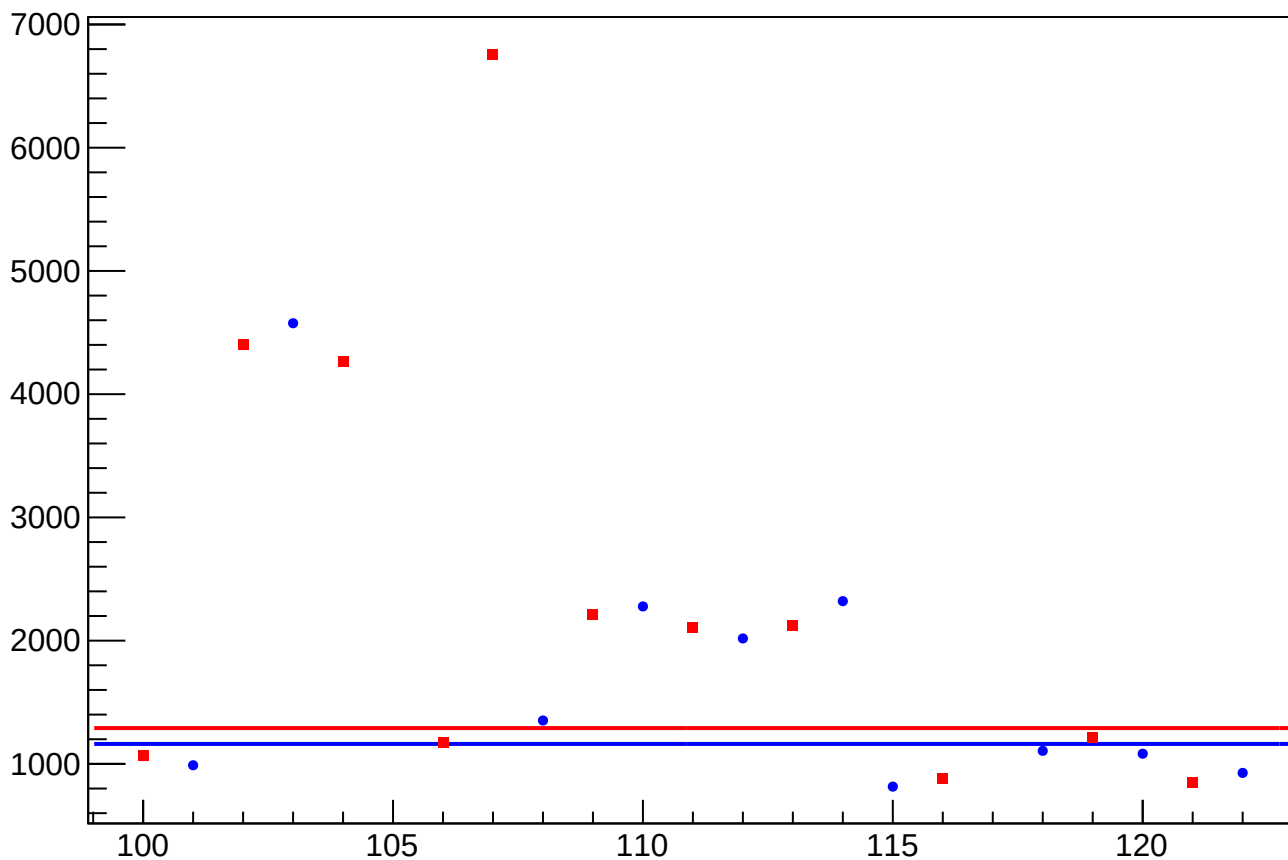
Right: -498.589+/-465.501 χ^2/NDF : 21.0/20

In: -76.987+/-626.060 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -498.589+/-465.501 χ^2/NDF : 21.0/20

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1161.781+/-0.443 χ^2/NDF : 1256746.3/9

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

Right Out: 1290.568+/-0.492 χ^2/NDF : 2277741.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

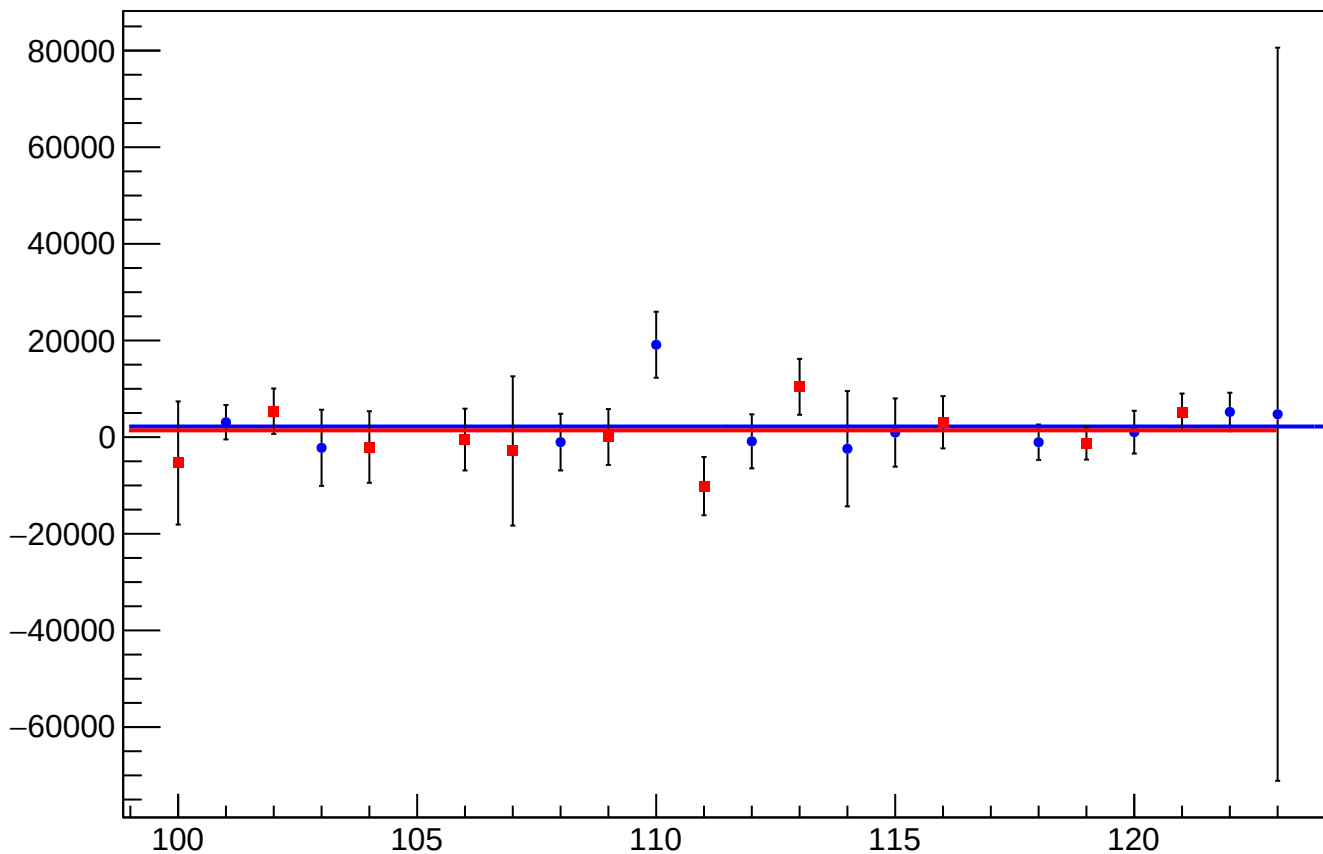
Right: 1219.368+/-0.329 χ^2/NDF : 3572331.7/20

In: 1161.781+/-0.443 χ^2/NDF : 1256746.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.368+/-0.329 χ^2/NDF : 3572331.7/20

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2202.296+/-1593.621 χ^2/NDF : 8.7/10

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

Right Out: 1402.582+/-1629.939 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

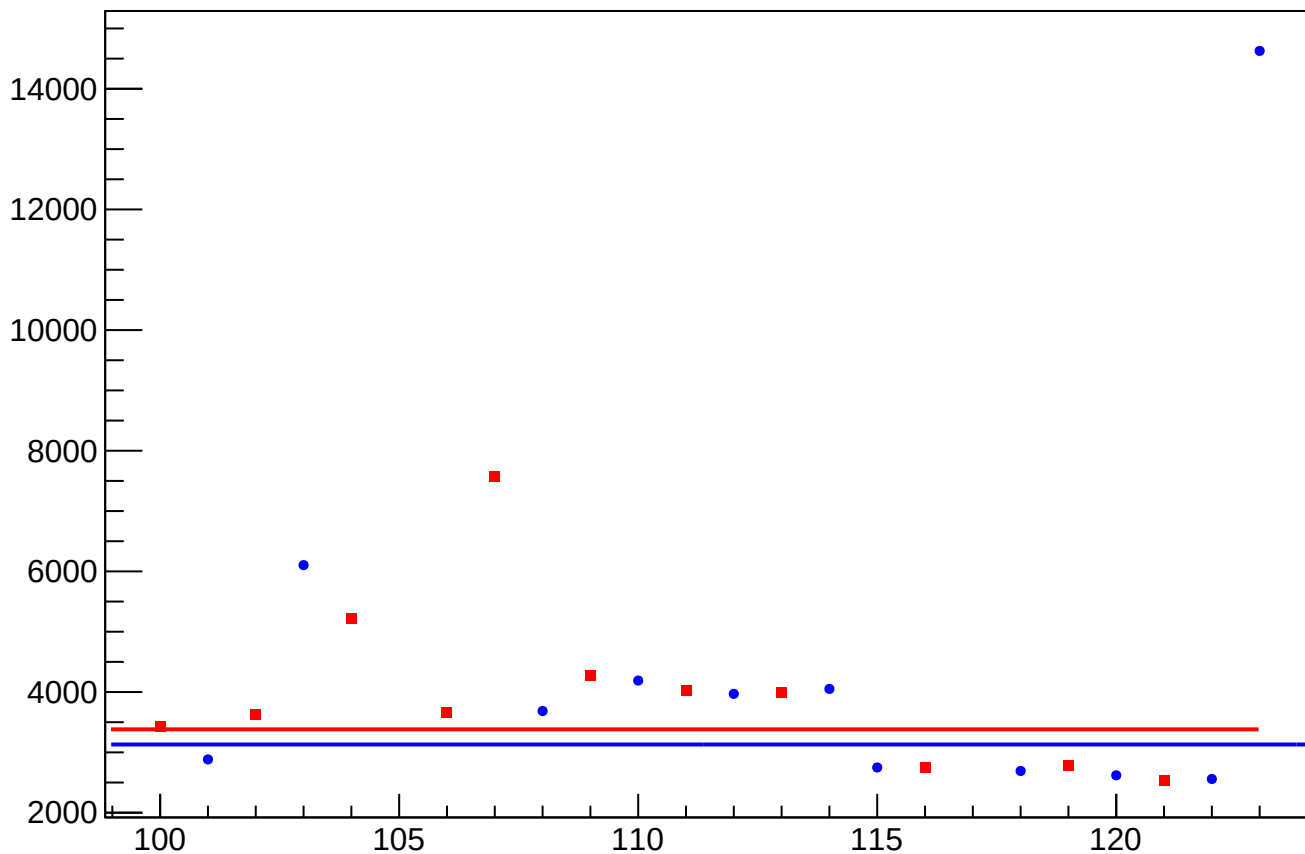
Right: 1811.448+/-1139.483 χ^2/NDF : 18.1/21

In: 2202.296+/-1593.621 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1811.448+/-1139.483 χ^2/NDF : 18.1/21

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3130.357+/-1.127 χ^2/NDF : 565917.9/10

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

Right Out: 3381.554+/-1.153 χ^2/NDF : 559507.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

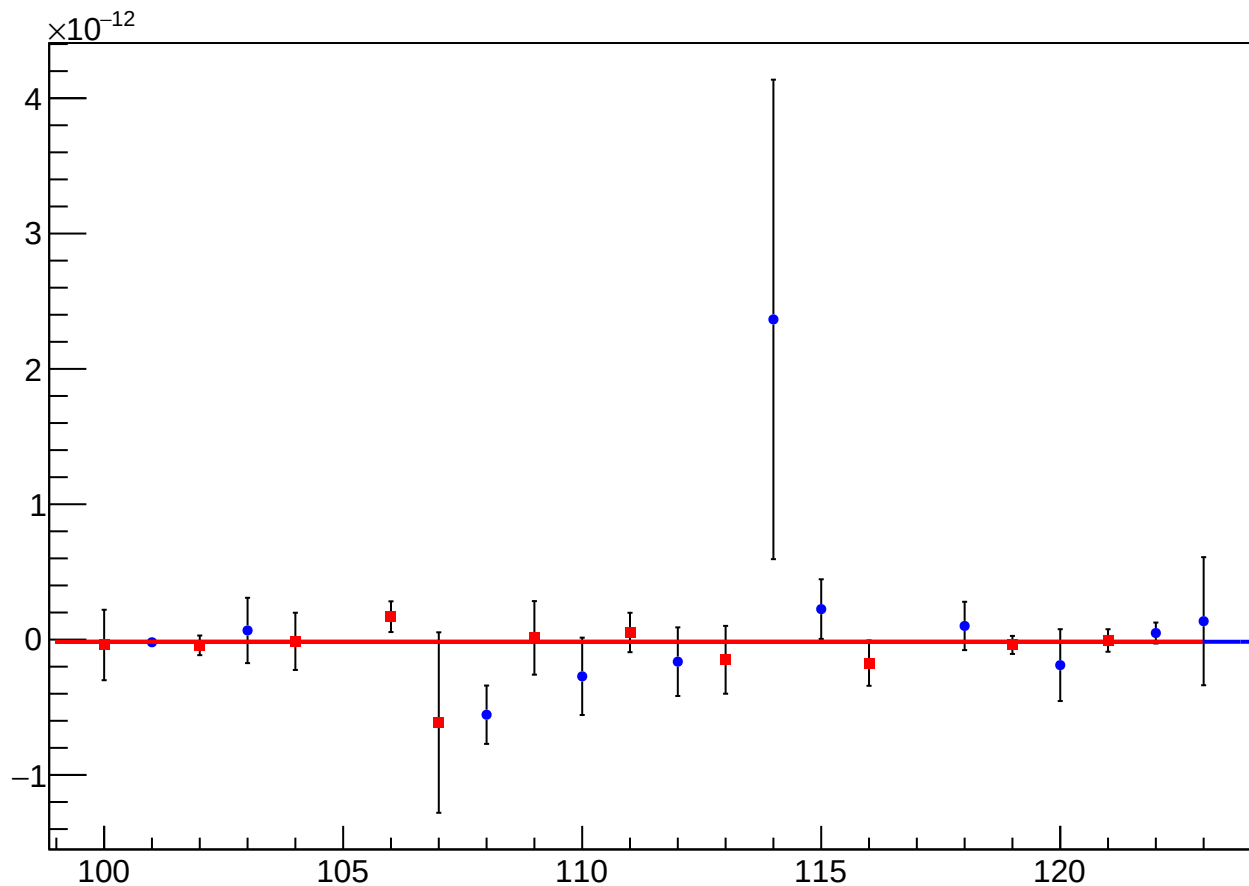
Right: 3253.126+/-0.806 χ^2/NDF : 1149712.3/21

In: 3130.357+/-1.127 χ^2/NDF : 565917.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.126+/-0.806 χ^2/NDF : 1149712.3/21

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.2/10

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

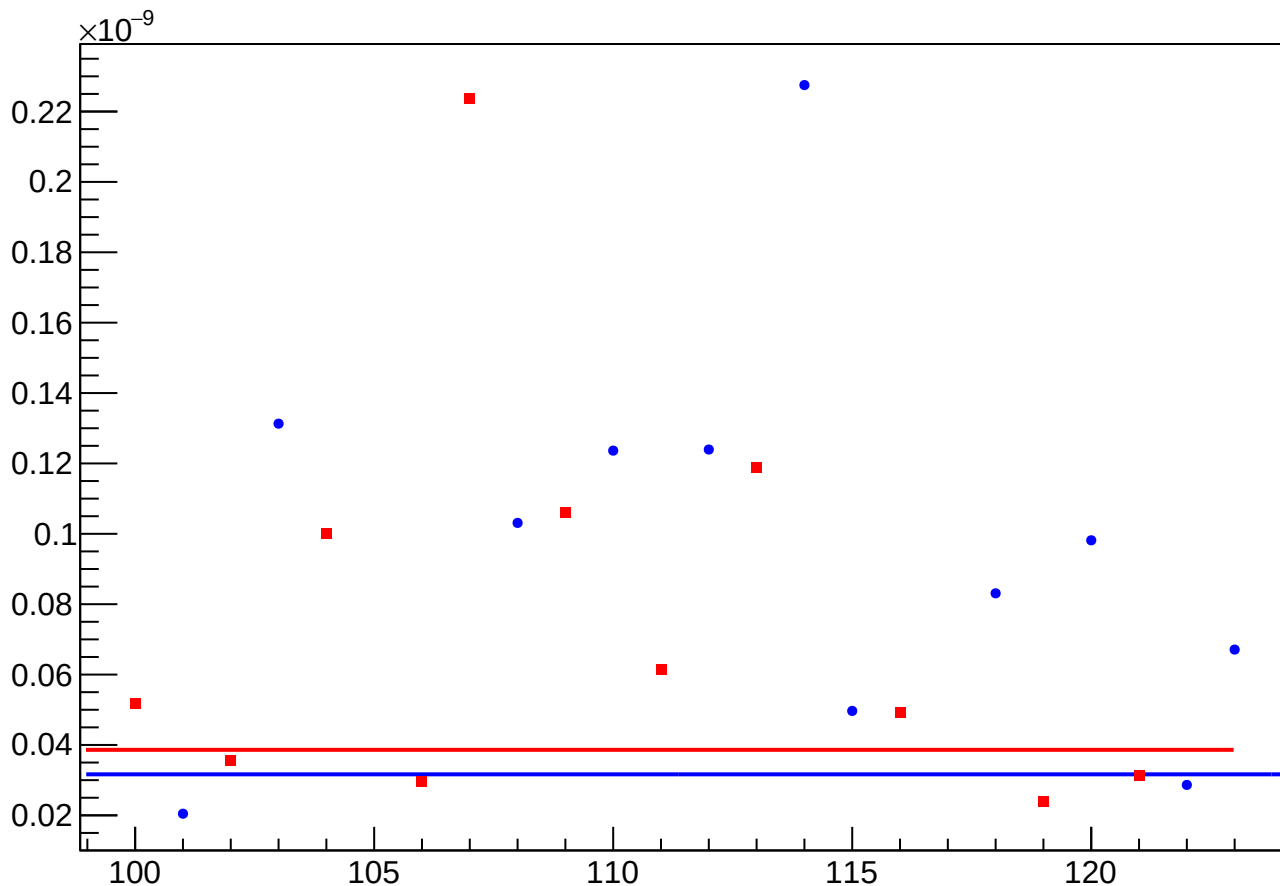
Right: -0.000+/-0.000 χ^2 /NDF: 17.3/21

In: -0.000+/-0.000 χ^2 /NDF:12.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.3/21

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1566263.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 844097.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

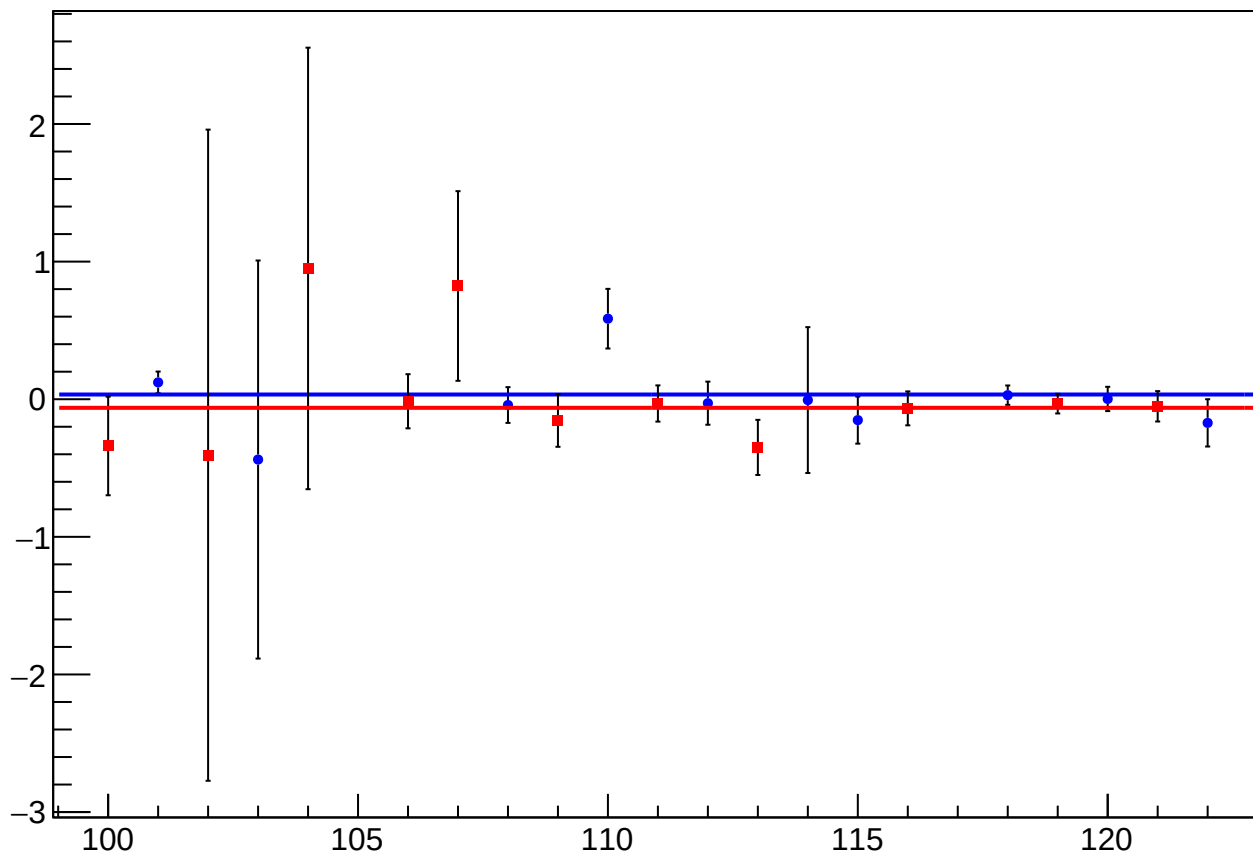
Right: 0.000+/-0.000 χ^2/NDF : 2454209.7/21

In: 0.000+/-0.000 χ^2/NDF : 1566263.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2454209.7/21

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.038 χ^2/NDF : 11.1/9

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

Right Out: -0.062+/-0.045 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

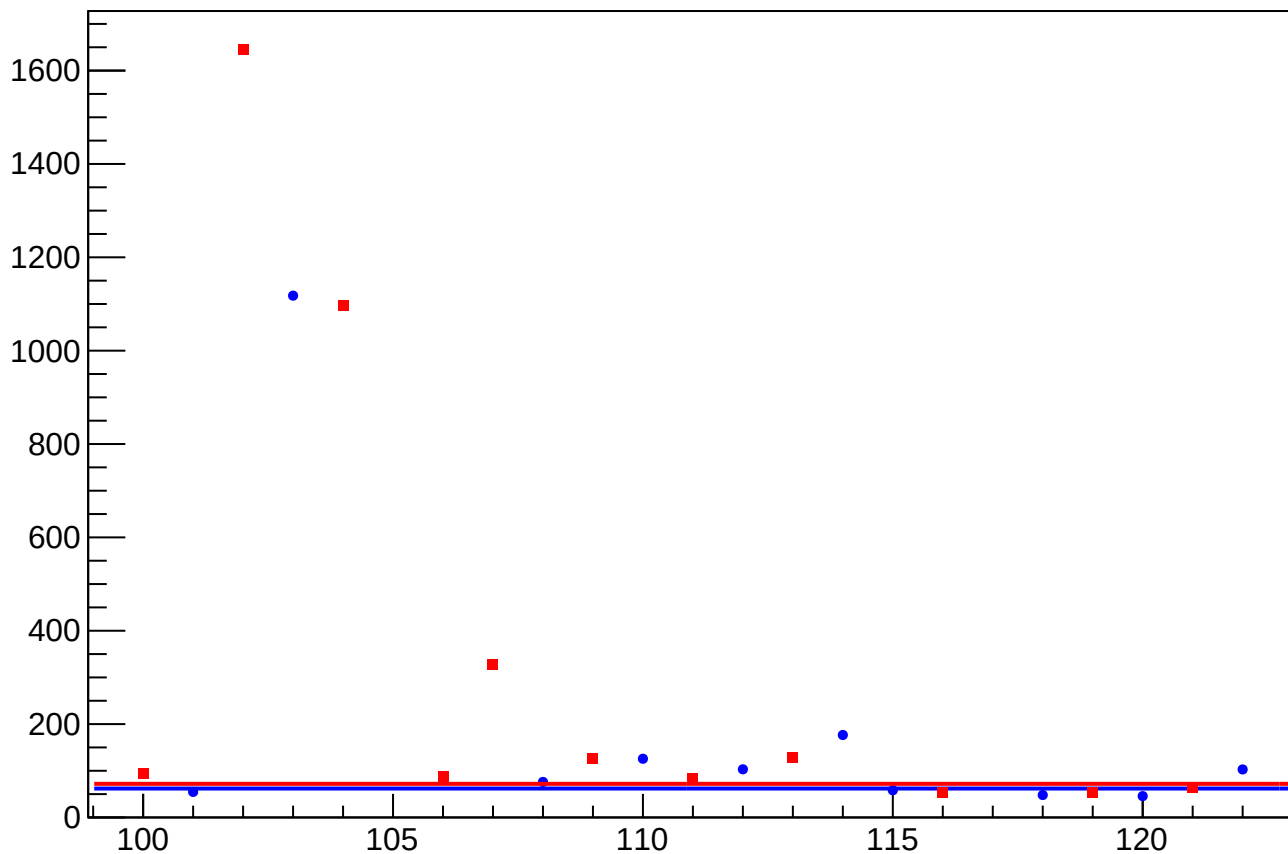
Right: -0.006+/-0.029 χ^2/NDF : 19.0/20

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.939+/-0.027 χ^2/NDF : 1772245.3/9

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

Right Out: 72.034+/-0.032 χ^2/NDF : 2509623.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

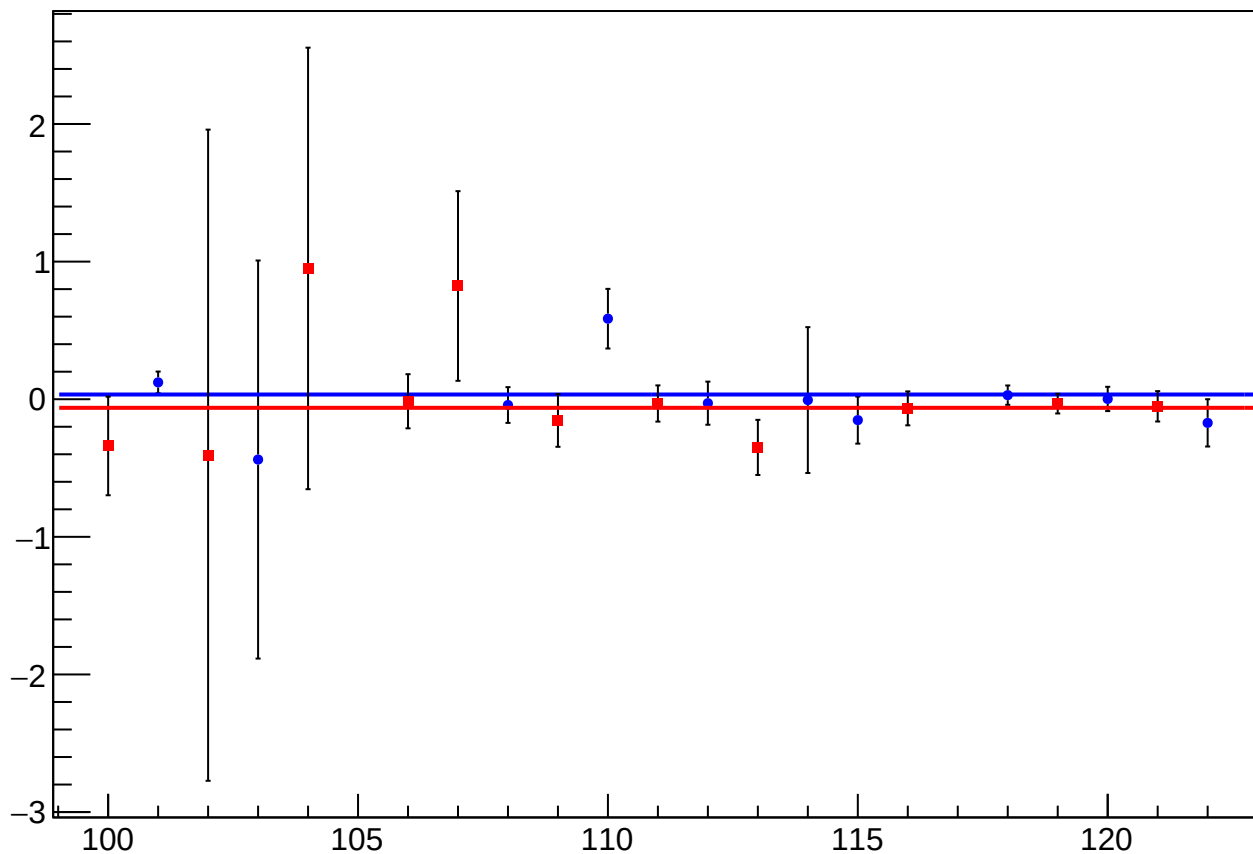
Right: 66.149+/-0.021 χ^2/NDF : 4340140.0/20

In: 61.939+/-0.027 χ^2/NDF : 1772245.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.149+/-0.021 χ^2/NDF : 4340140.0/20

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.038 χ^2/NDF : 11.1/9

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

Right Out: -0.062+/-0.045 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

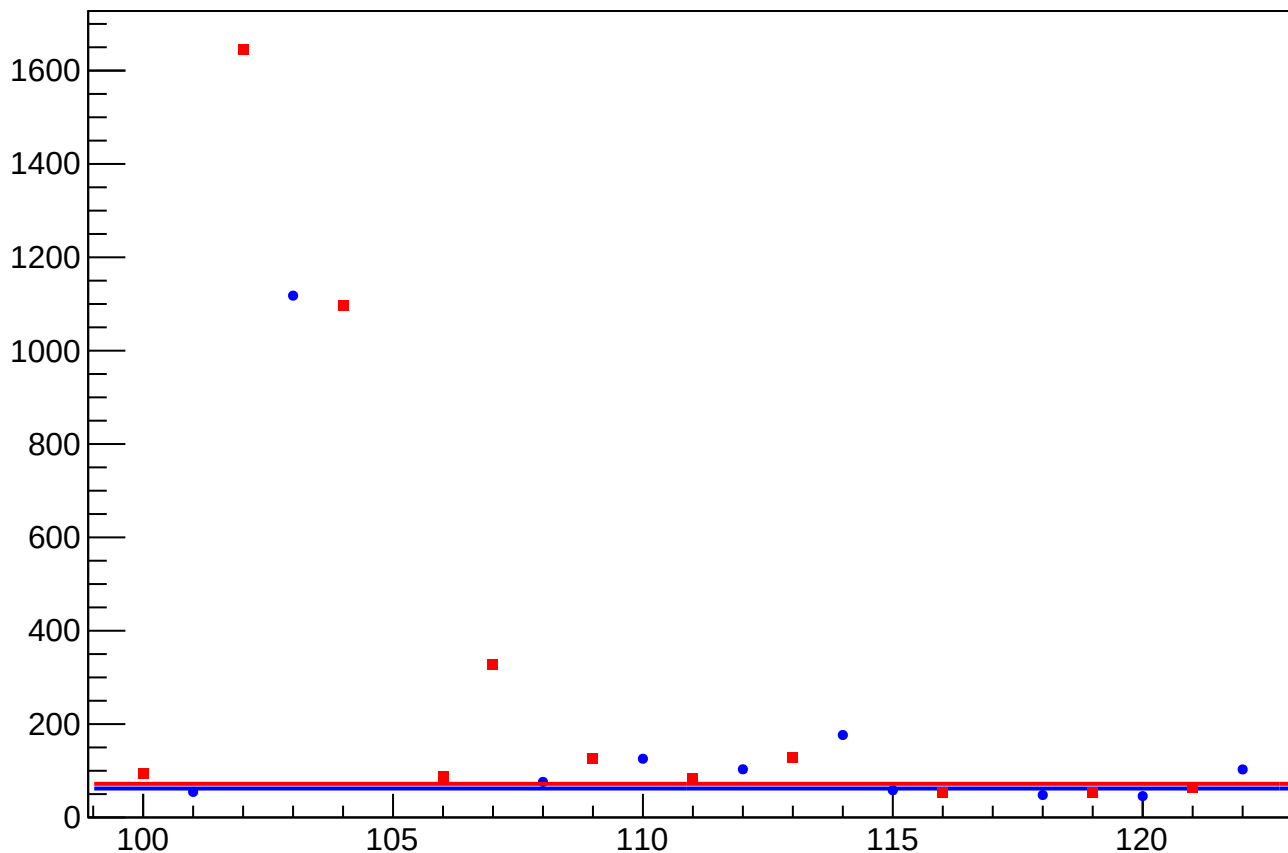
Right: -0.006+/-0.029 χ^2/NDF : 19.0/20

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.939+/-0.027 χ^2/NDF : 1772245.3/9

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

Right Out: 72.034+/-0.032 χ^2/NDF : 2509623.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

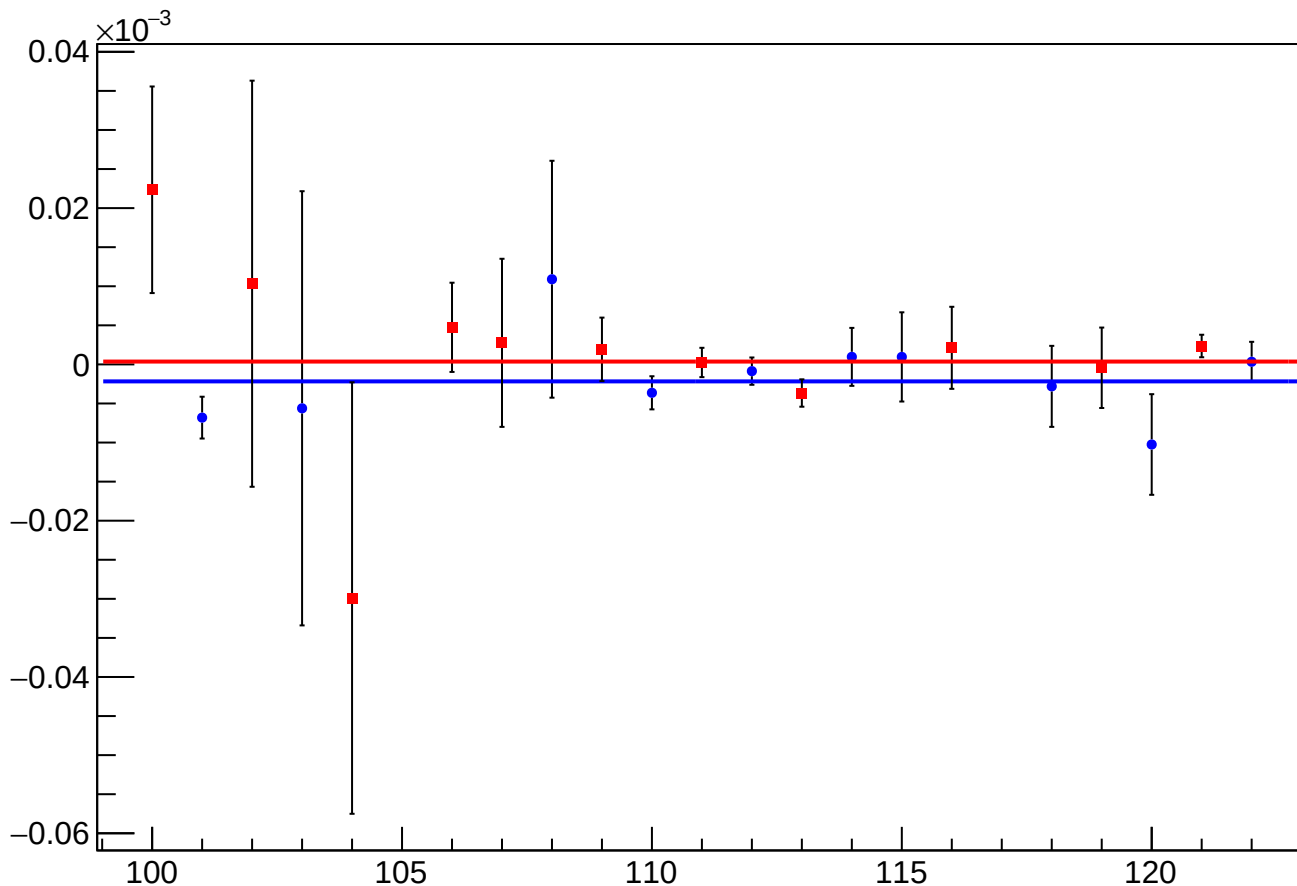
Right: 66.149+/-0.021 χ^2/NDF : 4340140.0/20

In: 61.939+/-0.027 χ^2/NDF : 1772245.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.149+/-0.021 χ^2/NDF : 4340140.0/20

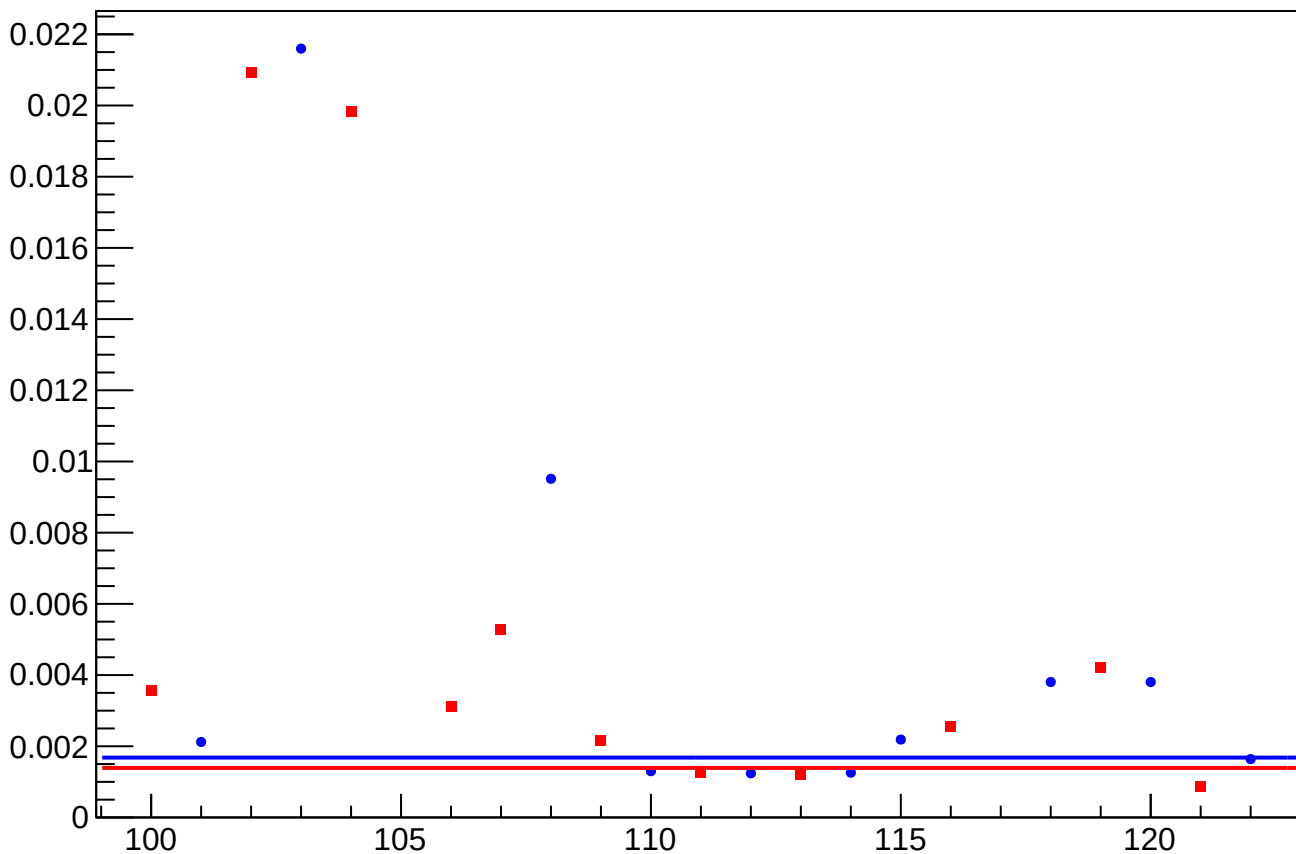
asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/9
 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 : 24.2/20
 In: -0.000+/-0.000 χ^2/NDF : 8.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 24.2/20

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2403494.7/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3578282.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

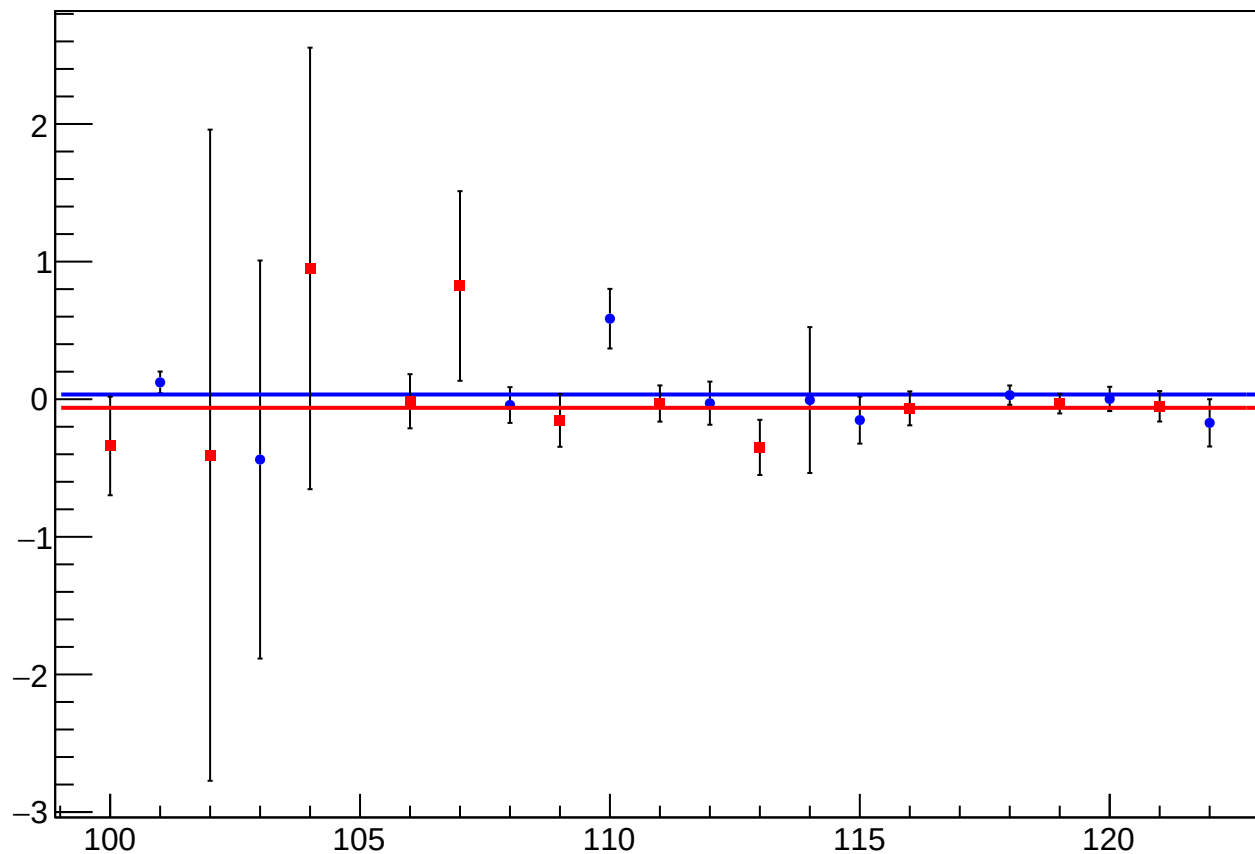
Right: 0.002+/-0.000 χ^2/NDF : 6076074.2/20

In: 0.002+/-0.000 χ^2/NDF :2403494.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6076074.2/20

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.038 χ^2 /NDF: 11.1/9

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

Right Out: -0.062 $\pm$ 0.045 χ^2 /NDF: 5.3/10

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

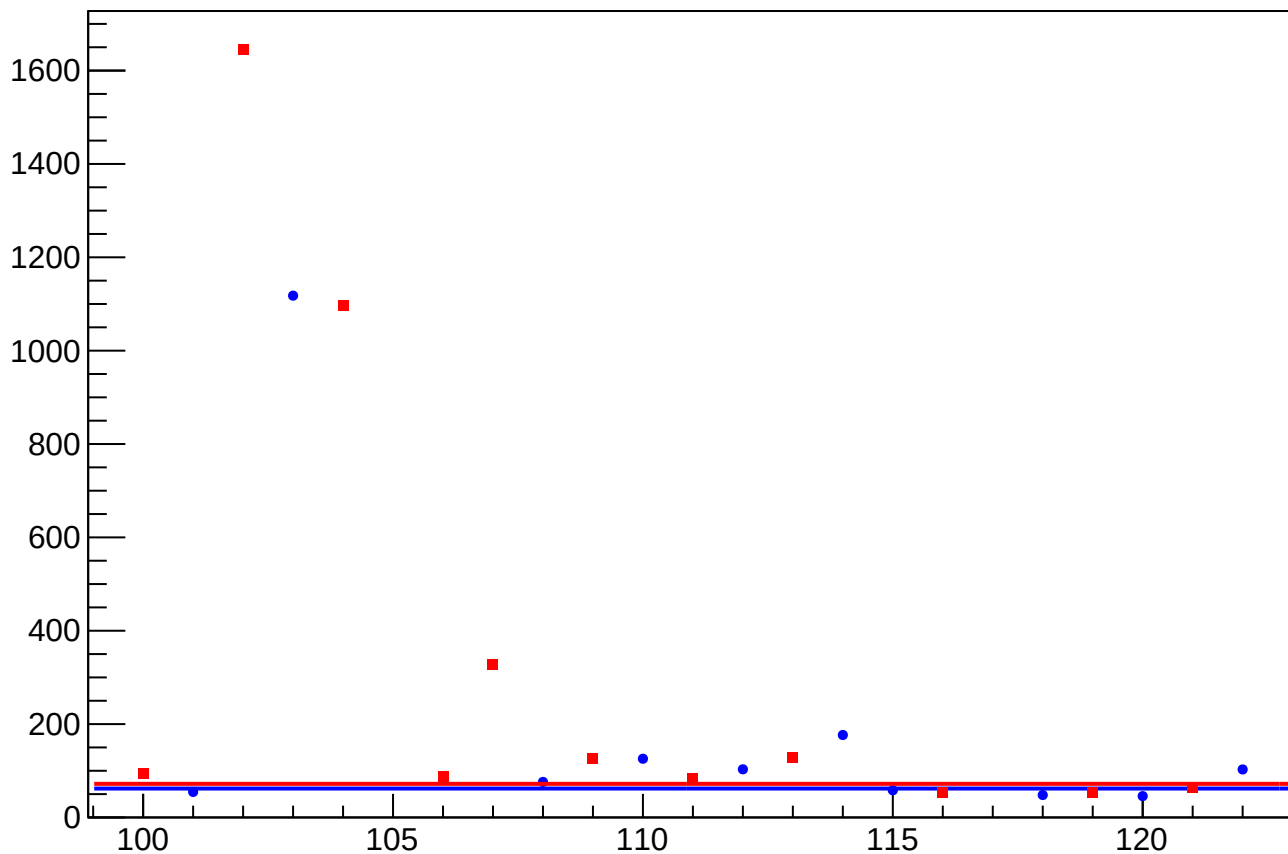
Right: -0.006 $\pm$ 0.029 χ^2 /NDF: 19.0/20

In: 0.034 $\pm$ 0.038 χ^2 /NDF:11.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.029 χ^2 /NDF: 19.0/20

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.937+/-0.027 χ^2/NDF : 1772307.4/9

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

Right Out: 72.033+/-0.032 χ^2/NDF : 2509642.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

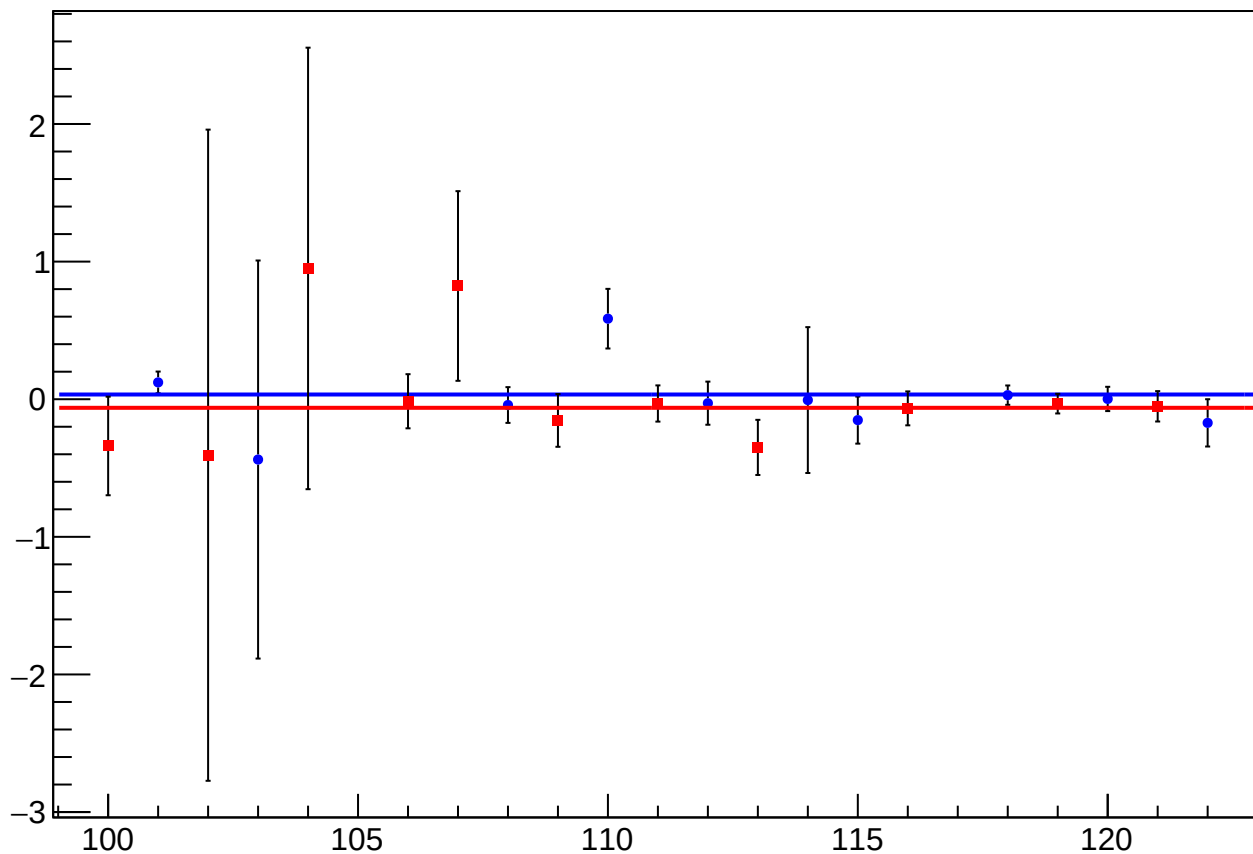
Right: 66.148+/-0.021 χ^2/NDF : 4340226.4/20

In: 61.937+/-0.027 χ^2/NDF : 1772307.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.148+/-0.021 χ^2/NDF : 4340226.4/20

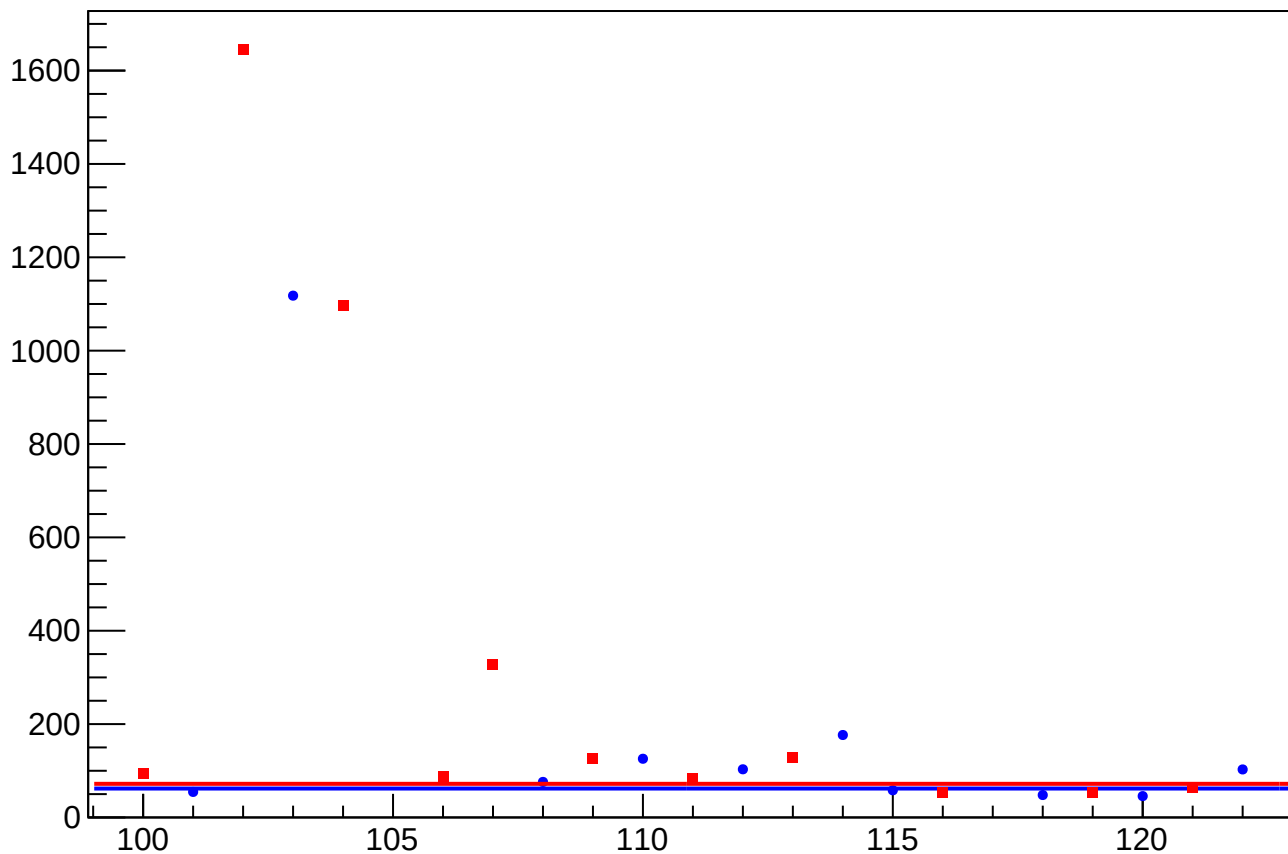
asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.038 χ^2/NDF : 11.1/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.062+/-0.045 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: -0.006+/-0.029 χ^2/NDF : 19.0/20
 In: 0.034+/-0.038 χ^2/NDF : 11.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.006+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.937+/-0.027 χ^2/NDF : 1772307.4/9

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

Right Out: 72.033+/-0.032 χ^2/NDF : 2509642.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

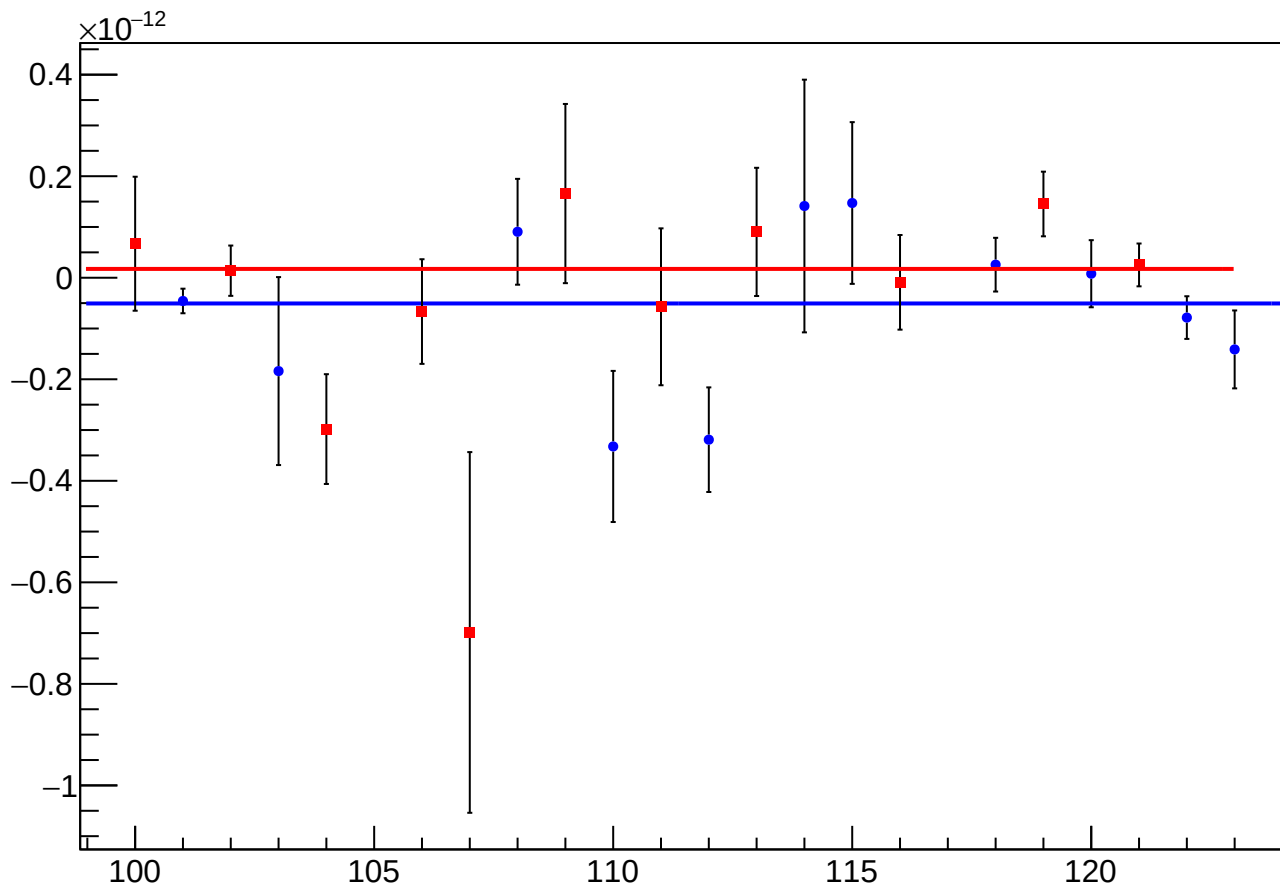
Right: 66.148+/-0.021 χ^2/NDF : 4340226.4/20

In: 61.937+/-0.027 χ^2/NDF : 1772307.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.148+/-0.021 χ^2/NDF : 4340226.4/20

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 18.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

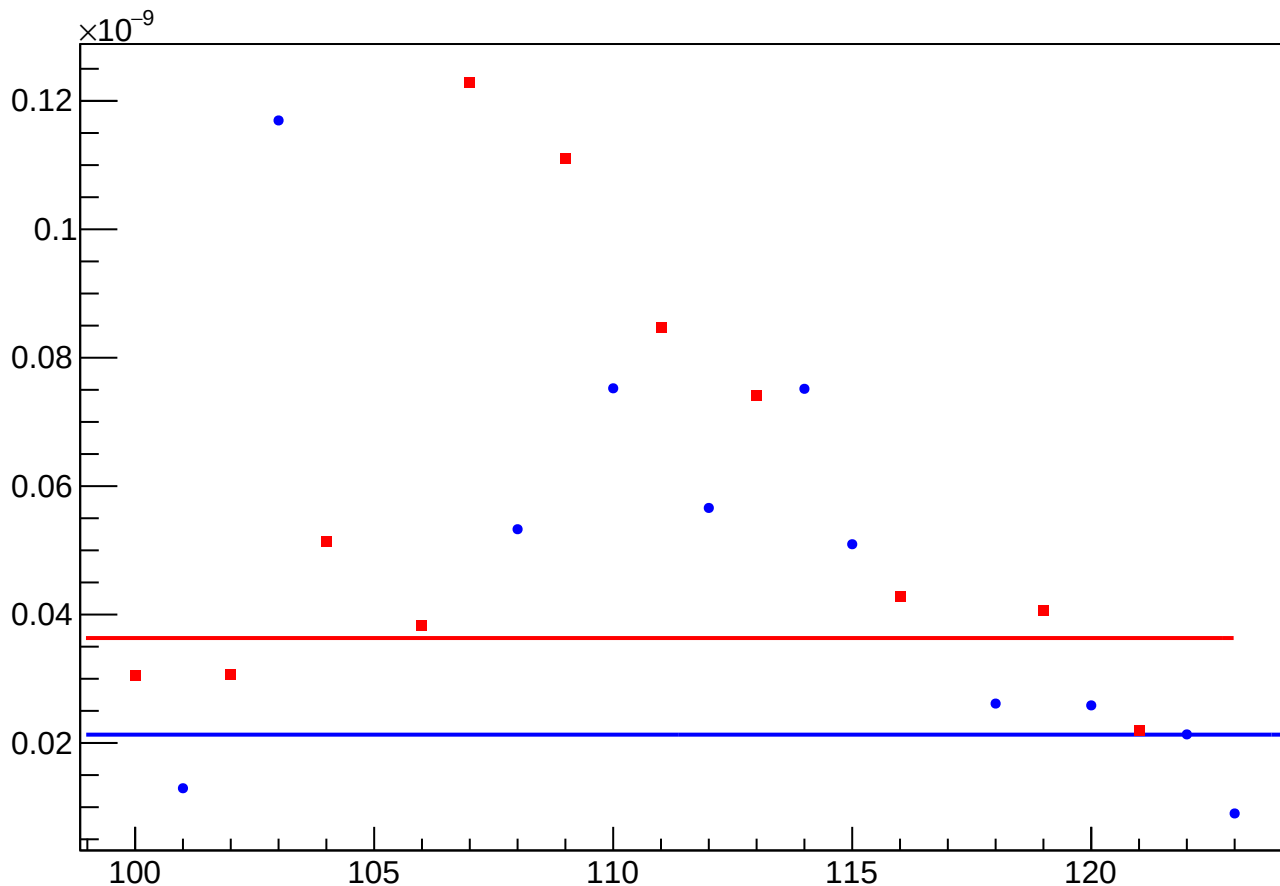
Right: -0.000+/-0.000 χ^2/NDF : 43.7/21

In: -0.000+/-0.000 χ^2/NDF : 19.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.7/21

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1698283.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1173212.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

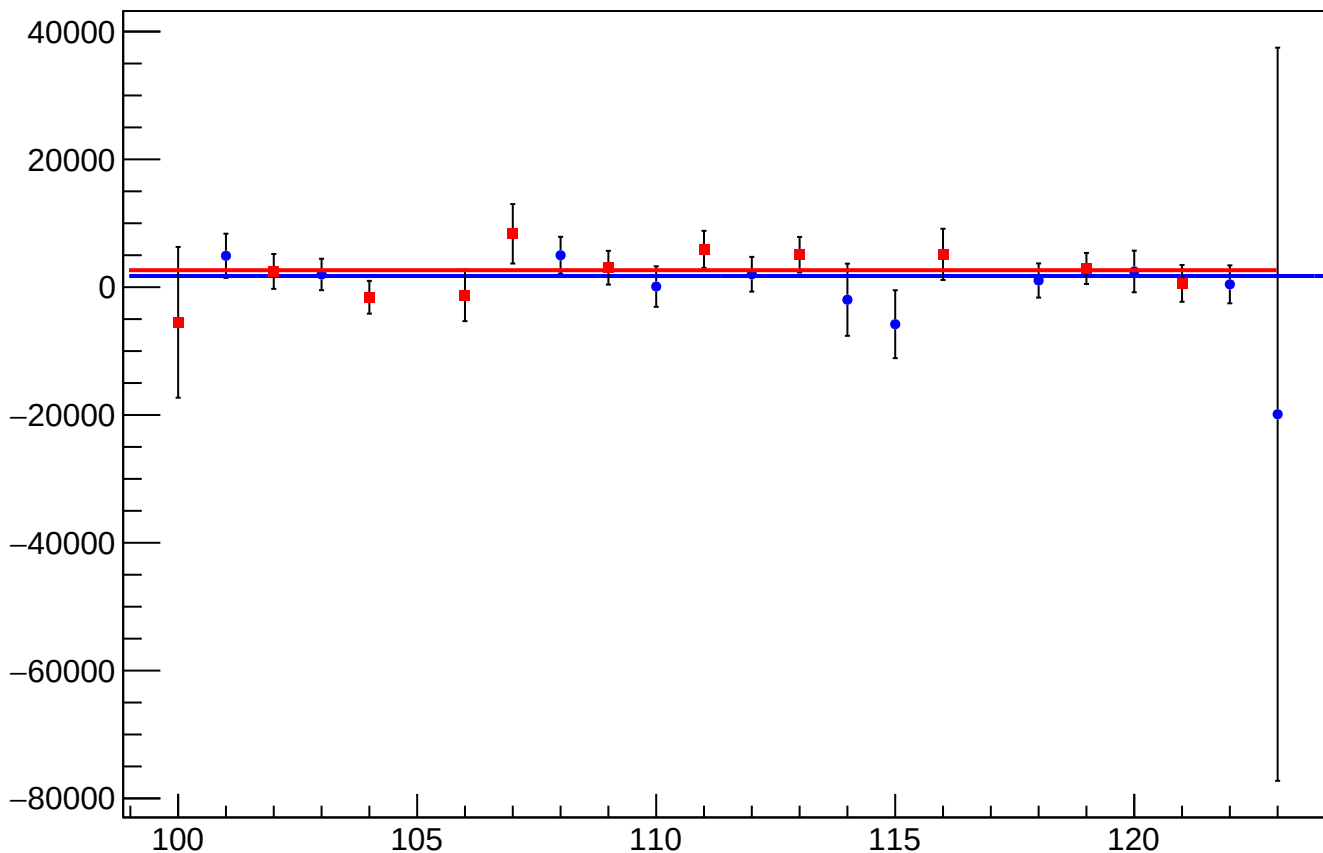
Right: 0.000+/-0.000 χ^2/NDF : 3384486.1/21

In: 0.000+/-0.000 χ^2/NDF : 1698283.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3384486.1/21

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1747.854+/-990.719 χ^2/NDF : 5.3/10

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

Right Out: 2656.541+/-934.813 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

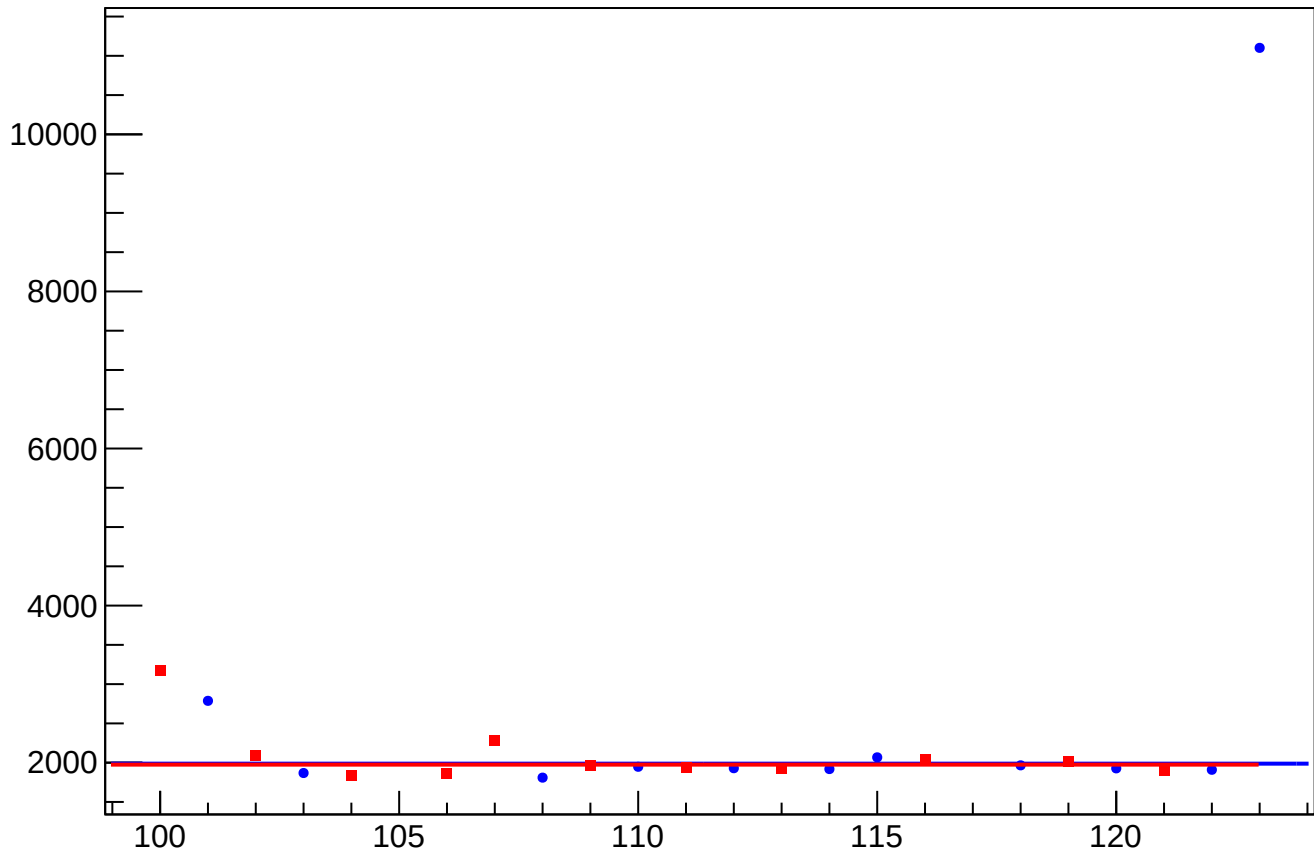
Right: 2228.558+/-679.918 χ^2/NDF : 14.4/21

In: 1747.854+/-990.719 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2228.558+/-679.918 χ^2/NDF : 14.4/21

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1987.453+/-0.701 χ^2/NDF : 174083.1/10

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

Right Out: 1975.103+/-0.661 χ^2/NDF : 44092.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

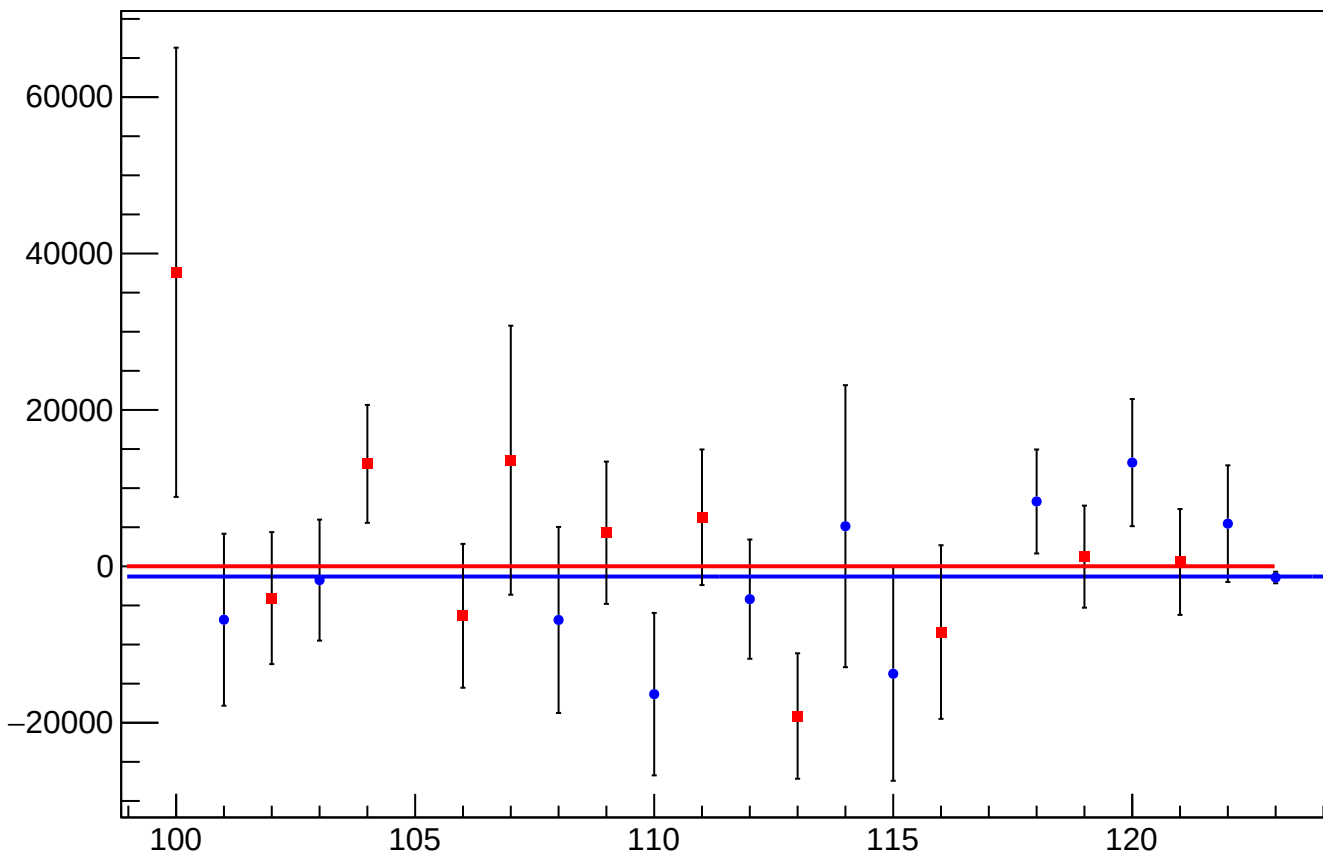
Right: 1980.920+/-0.481 χ^2/NDF : 218340.2/21

In: 1987.453+/-0.701 χ^2/NDF : 174083.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.920+/-0.481 χ^2/NDF : 218340.2/21

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1302.701+/-713.969 χ^2/NDF : 9.8/10

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

Right Out: 8.488+/-2649.980 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

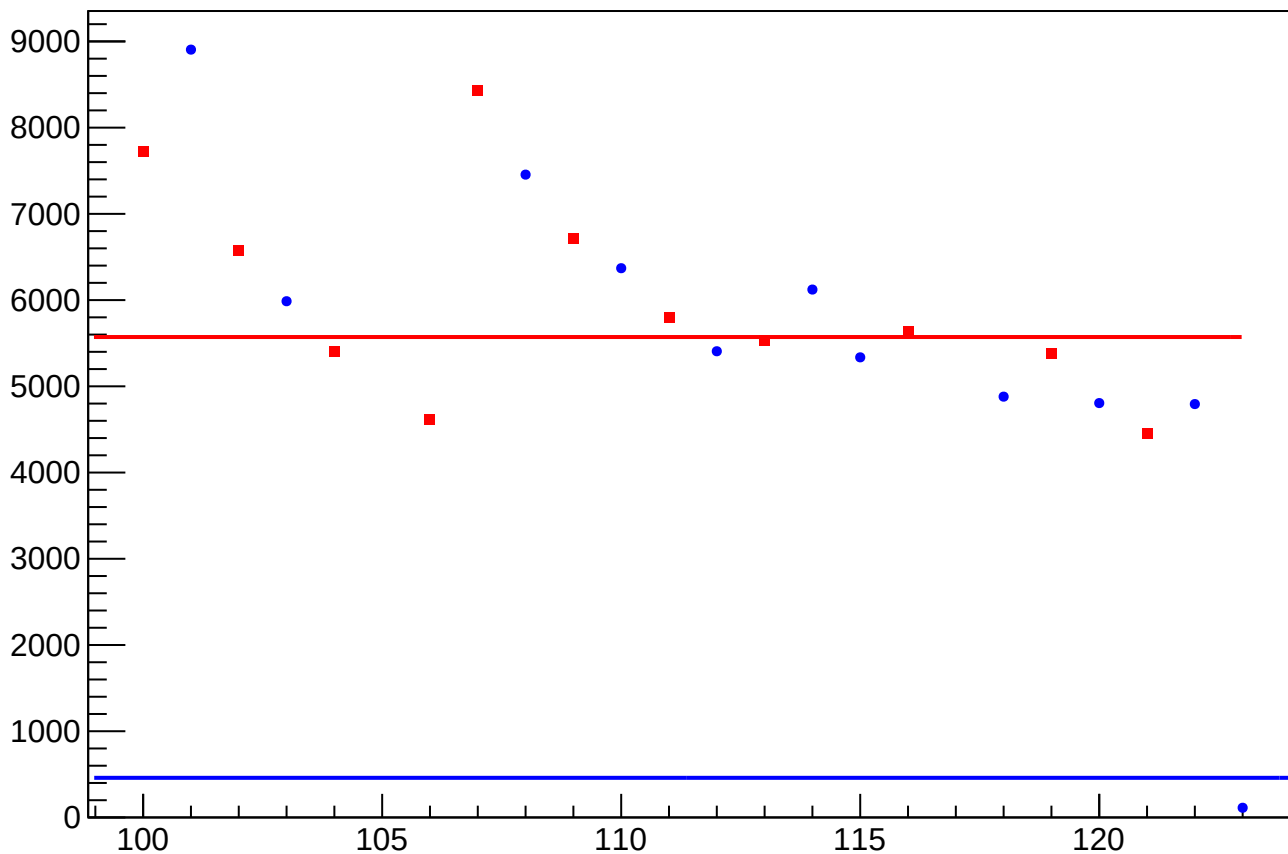
Right: -1213.964+/-689.386 χ^2/NDF : 23.2/21

In: -1302.701+/-713.969 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1213.964+/-689.386 χ^2/NDF : 23.2/21

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 459.672 $\pm$ 0.505 χ^2 /NDF: 7406923.9/10

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

Right Out: 5571.729 $\pm$ 1.874 χ^2 /NDF: 206377.7/10

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

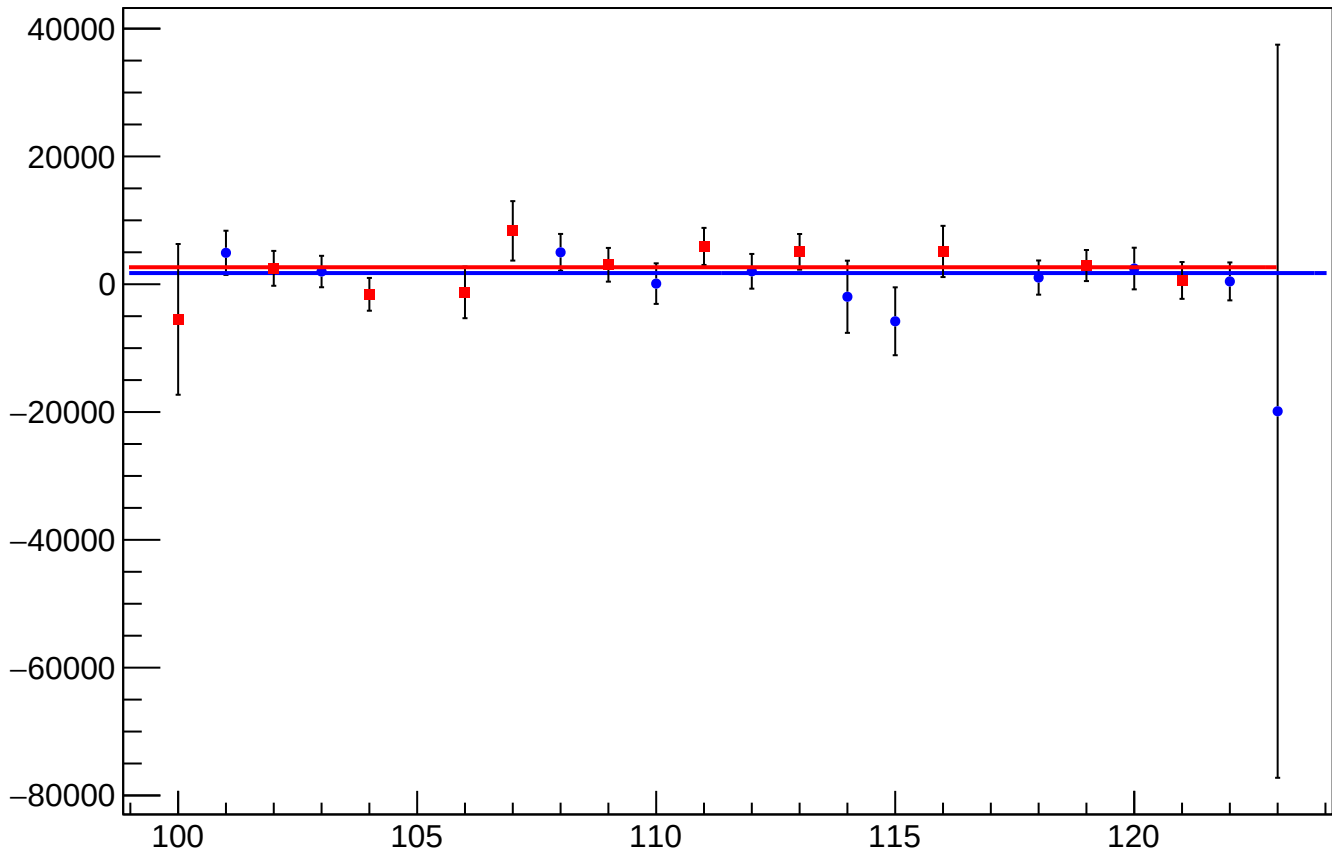
Right: 805.640 $\pm$ 0.487 χ^2 /NDF: 14552393.1/21

In: 459.672 $\pm$ 0.505 χ^2 /NDF:7406923.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 805.640 $\pm$ 0.487 χ^2 /NDF: 14552393.1/21

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1748.159+/-990.719 χ^2/NDF : 5.3/10

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

Right Out: 2659.421+/-934.827 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

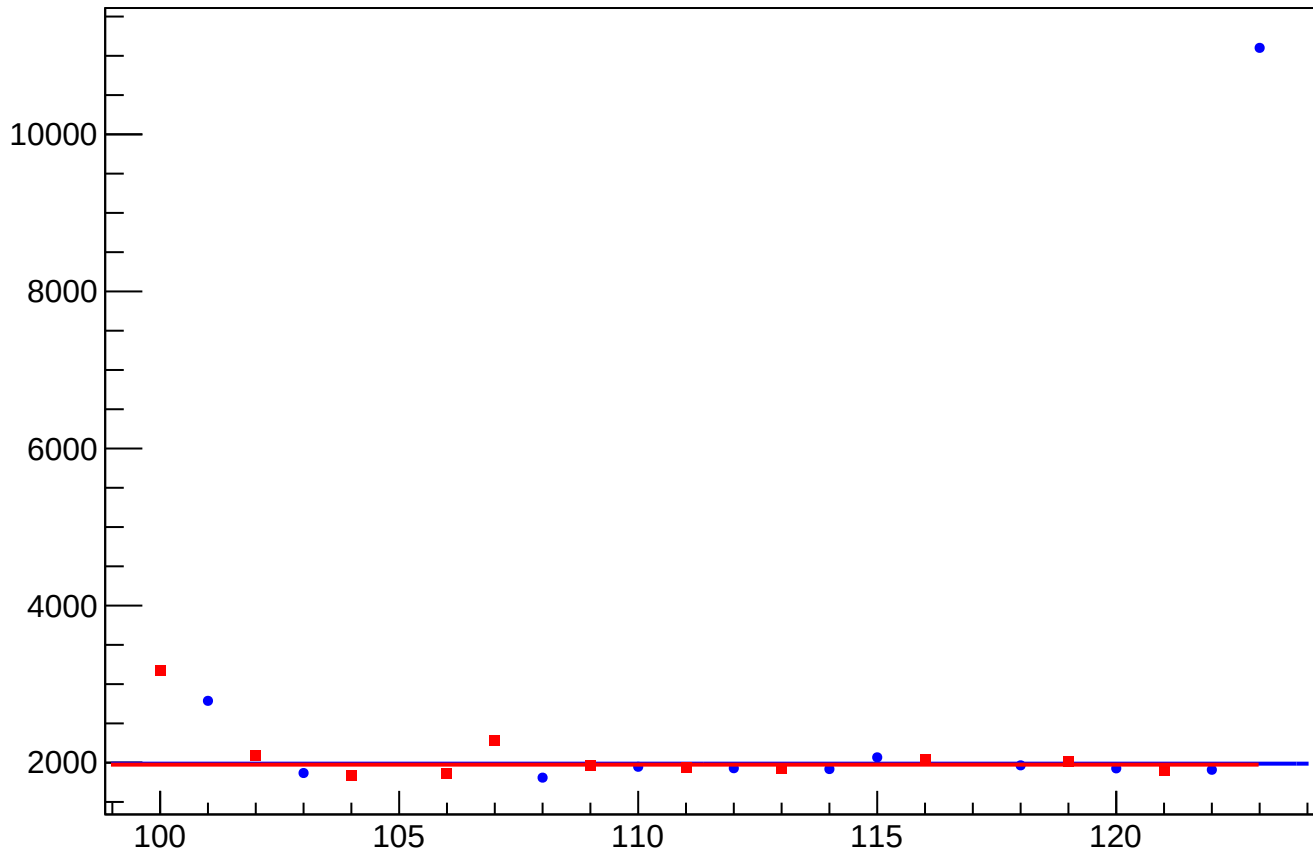
Right: 2230.218+/-679.924 χ^2/NDF : 14.4/21

In: 1748.159+/-990.719 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2230.218+/-679.924 χ^2/NDF : 14.4/21

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1987.453+/-0.701 χ^2 /NDF: 174082.9/10

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

Right Out: 1975.134+/-0.661 χ^2 /NDF: 44111.1/10

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

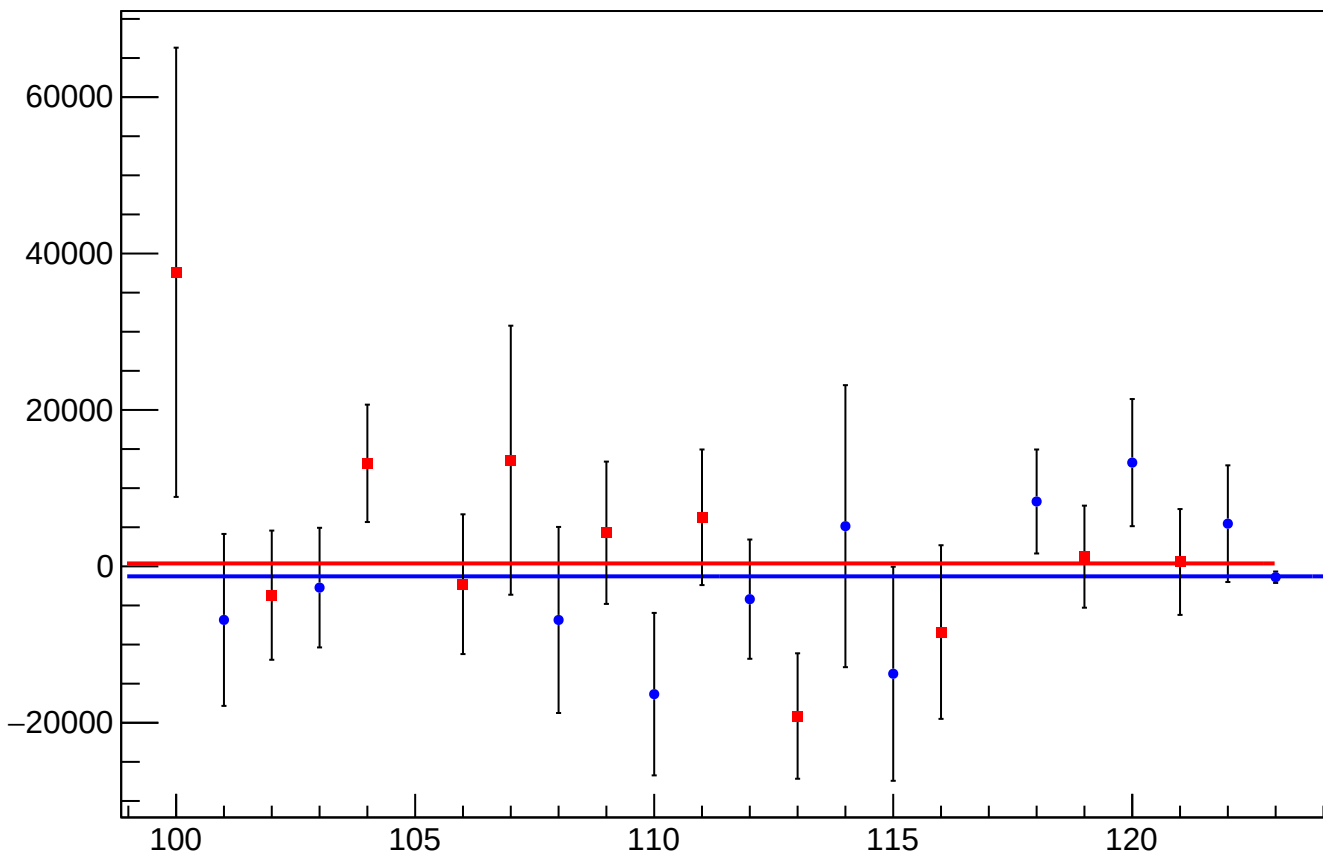
Right: 1980.936+/-0.481 χ^2 /NDF: 218357.6/21

In: 1987.453+/-0.701 χ^2 /NDF: 174082.9/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1980.936+/-0.481 χ^2 /NDF: 218357.6/21

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1277.257+/-706.263 χ^2/NDF : 9.8/10

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

Right Out: 373.552+/-2636.288 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

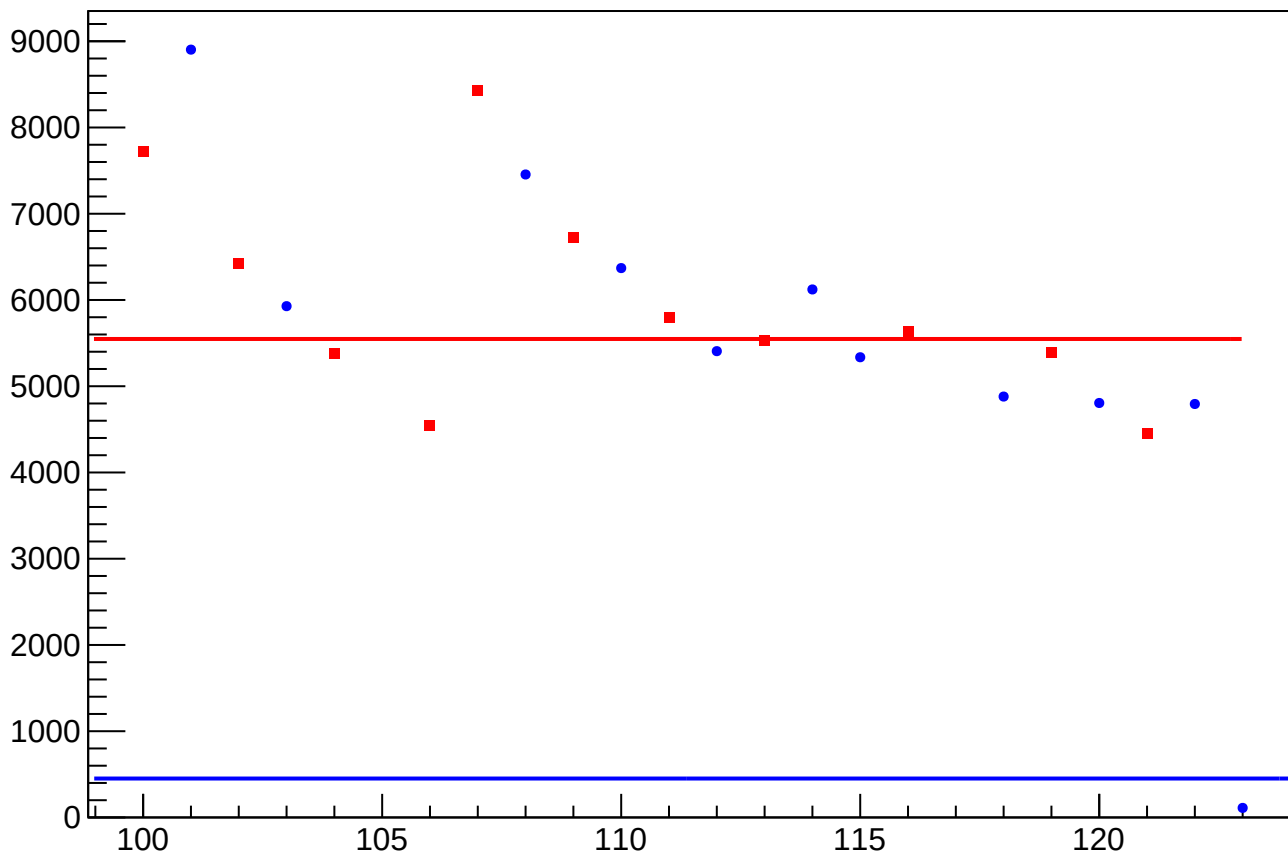
Right: -1166.711+/-682.206 χ^2/NDF : 22.9/21

In: -1277.257+/-706.263 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1166.711+/-682.206 χ^2/NDF : 22.9/21

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 451.339+/-0.499 χ^2/NDF : 7423285.4/10

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

Right Out: 5547.872+/-1.864 χ^2/NDF : 204344.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

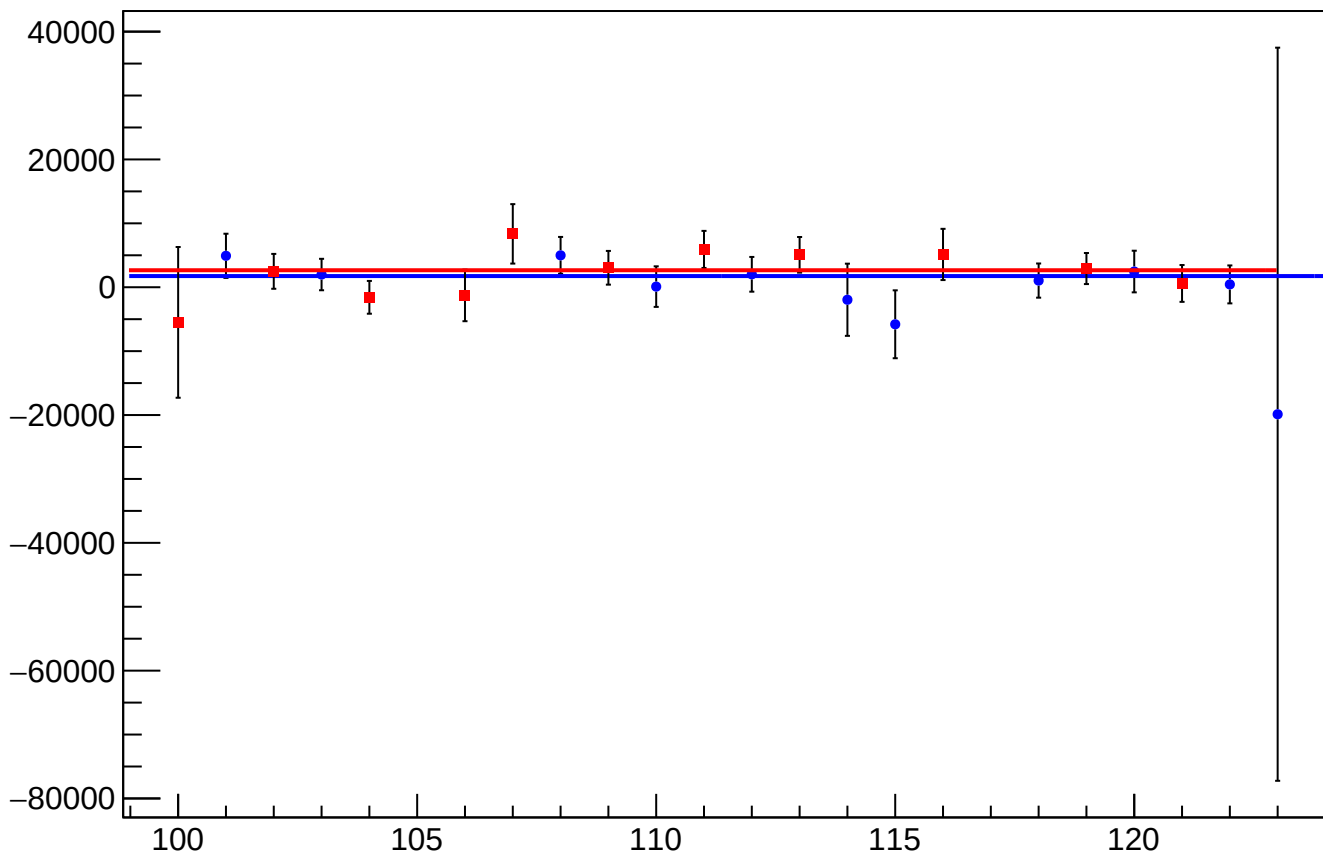
Right: 792.626+/-0.482 χ^2/NDF : 14601794.7/21

In: 451.339+/-0.499 χ^2/NDF : 7423285.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.626+/-0.482 χ^2/NDF : 14601794.7/21

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1748.159+/-990.719 χ^2/NDF : 5.3/10

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

Right Out: 2659.421+/-934.827 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

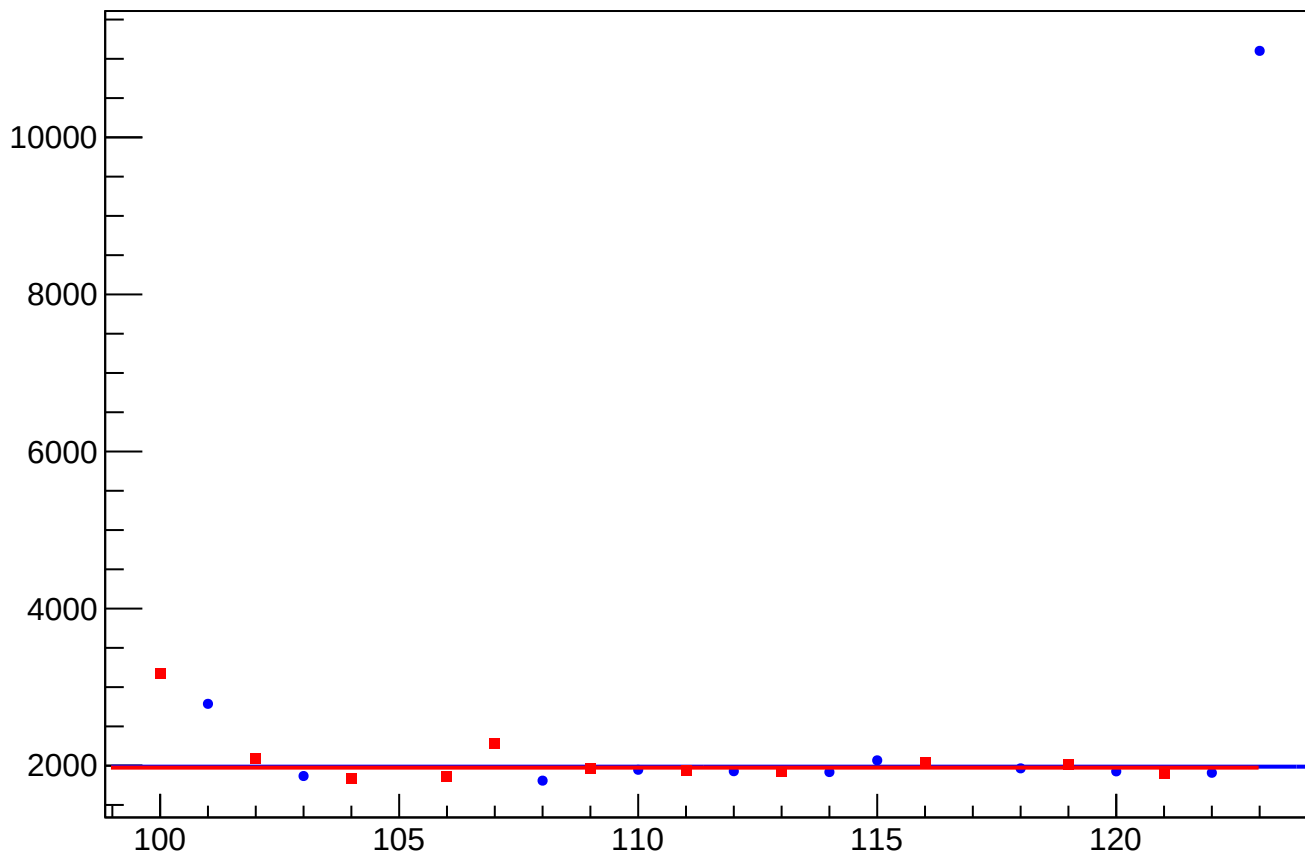
Right: 2230.218+/-679.924 χ^2/NDF : 14.4/21

In: 1748.159+/-990.719 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2230.218+/-679.924 χ^2/NDF : 14.4/21

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1987.453+/-0.701 χ^2 /NDF: 174082.9/10

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

Right Out: 1975.134+/-0.661 χ^2 /NDF: 44111.1/10

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

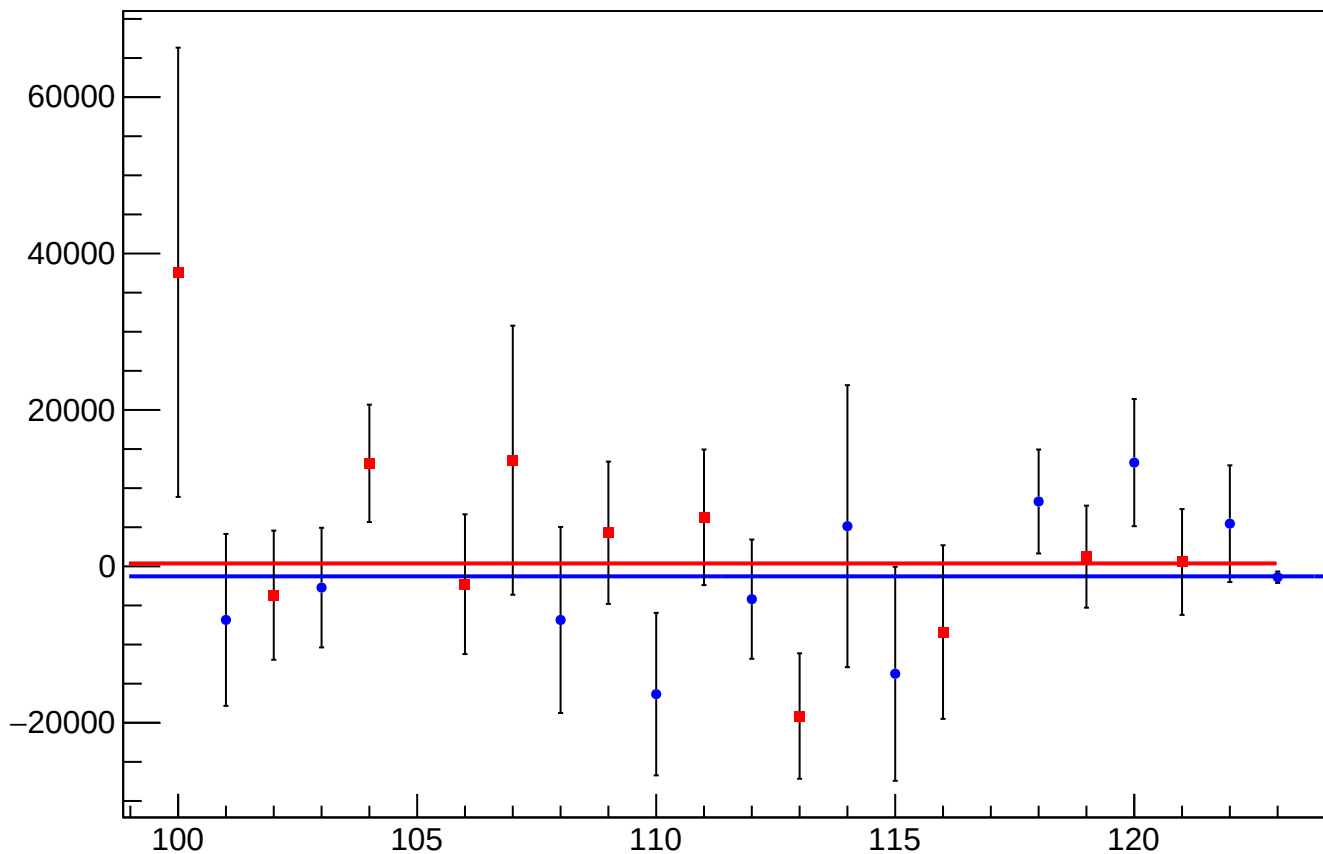
Right: 1980.936+/-0.481 χ^2 /NDF: 218357.6/21

In: 1987.453+/-0.701 χ^2 /NDF: 174082.9/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1980.936+/-0.481 χ^2 /NDF: 218357.6/21

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1277.257+/-706.263 χ^2/NDF : 9.8/10

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

Right Out: 373.552+/-2636.288 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

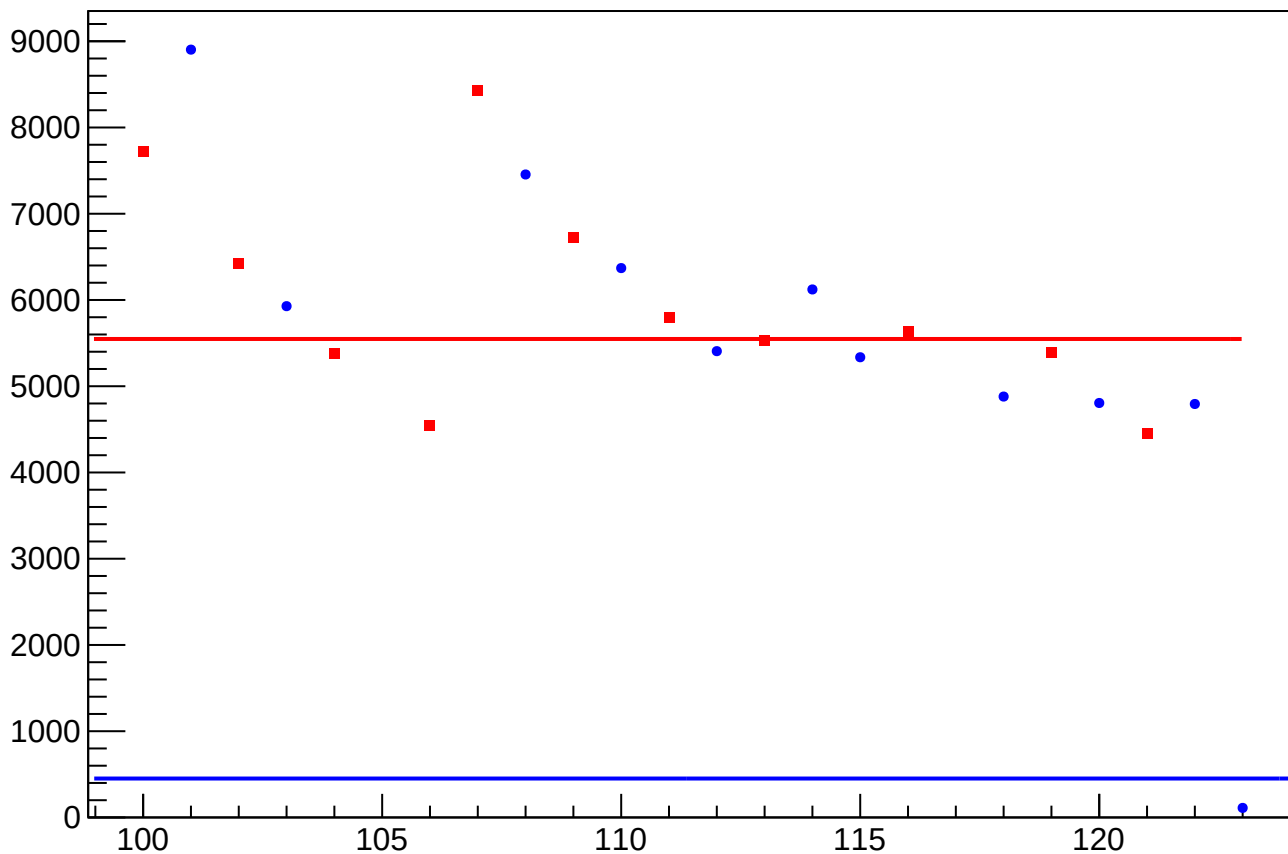
Right: -1166.711+/-682.206 χ^2/NDF : 22.9/21

In: -1277.257+/-706.263 χ^2/NDF :9.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1166.711+/-682.206 χ^2/NDF : 22.9/21

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 451.339+/-0.499 χ^2/NDF : 7423285.4/10

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

Right Out: 5547.872+/-1.864 χ^2/NDF : 204344.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

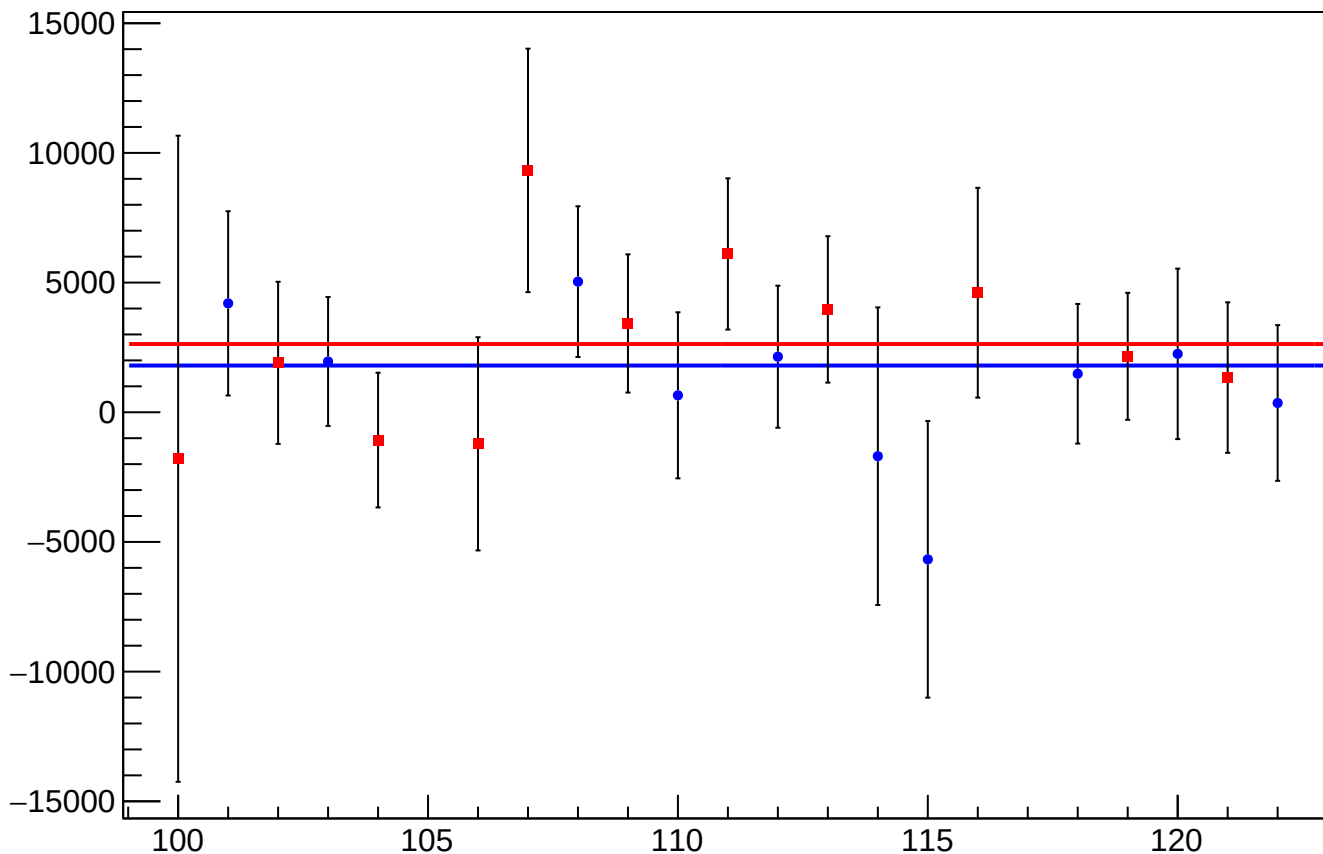
Right: 792.626+/-0.482 χ^2/NDF : 14601794.7/21

In: 451.339+/-0.499 χ^2/NDF : 7423285.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.626+/-0.482 χ^2/NDF : 14601794.7/21

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1801.683+/-1001.227 χ^2/NDF : 4.4/9

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

Right Out: 2630.478+/-956.728 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

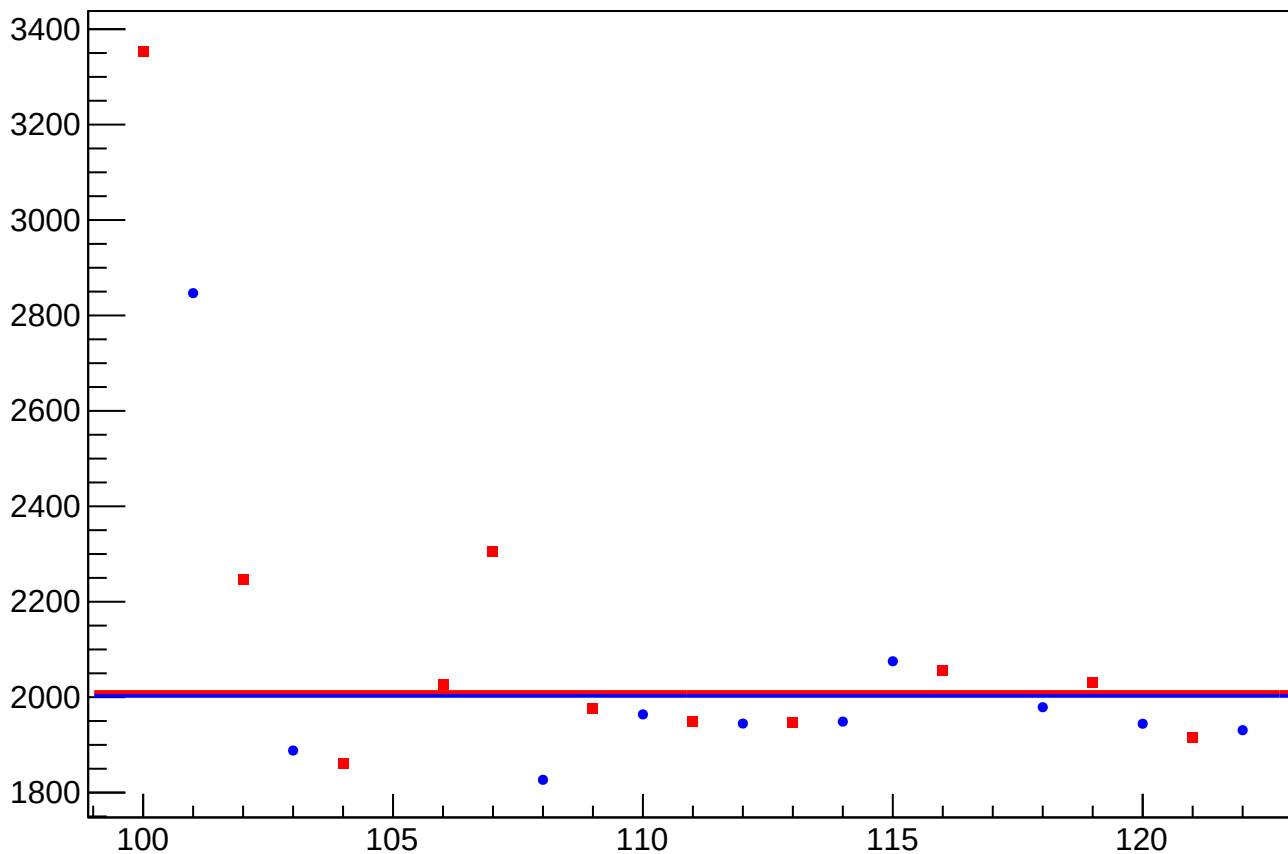
Right: 2234.907+/-691.705 χ^2/NDF : 12.1/20

In: 1801.683+/-1001.227 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.907+/-691.705 χ^2/NDF : 12.1/20

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2002.948+/-0.708 χ^2/NDF : 128179.4/9

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

Right Out: 2010.598+/-0.675 χ^2/NDF : 53951.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

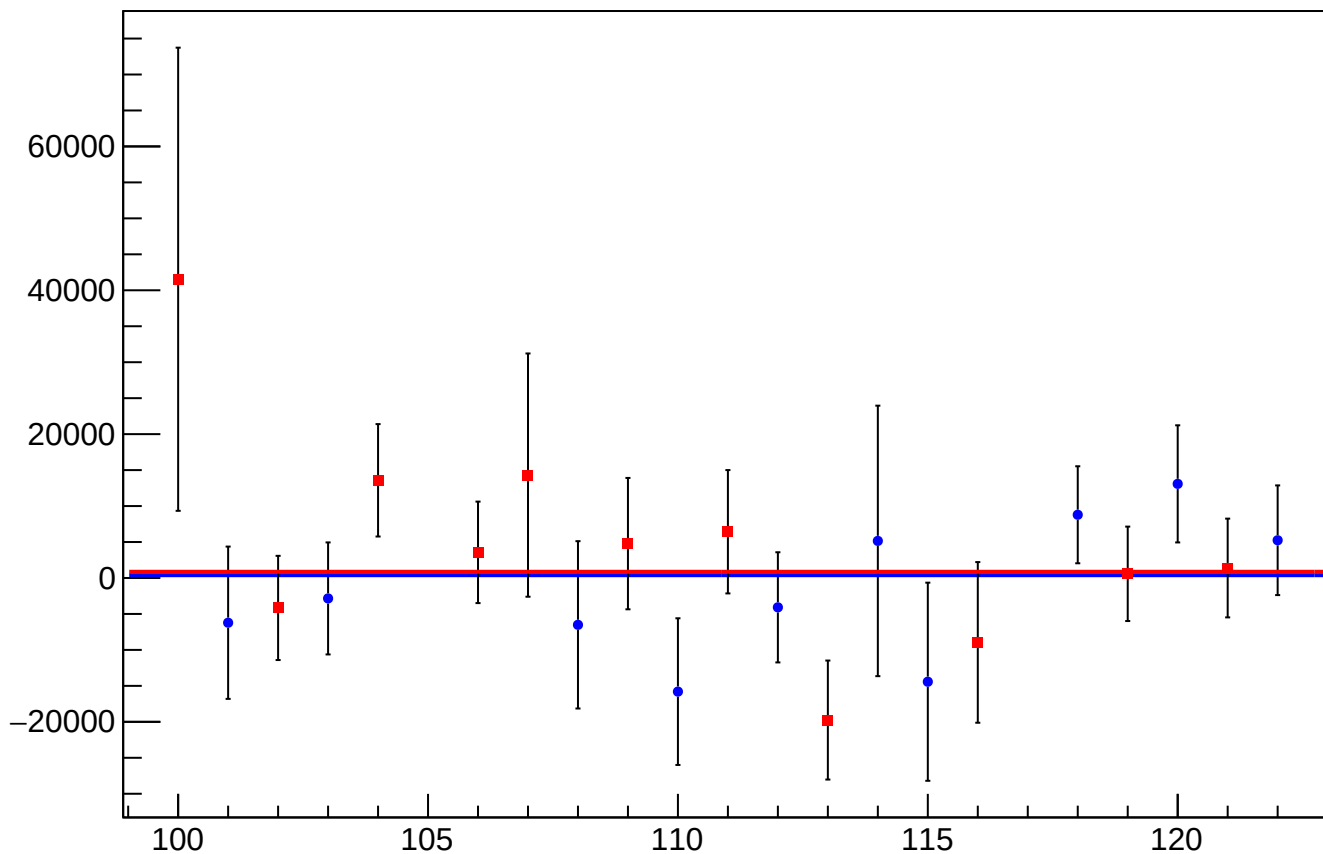
Right: 2006.955+/-0.489 χ^2/NDF : 182192.0/20

In: 2002.948+/-0.708 χ^2/NDF : 128179.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.955+/-0.489 χ^2/NDF : 182192.0/20

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: 387.708+/-2864.866 χ^2/NDF : 9.4/9

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

Right Out: 863.537+/-2559.738 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

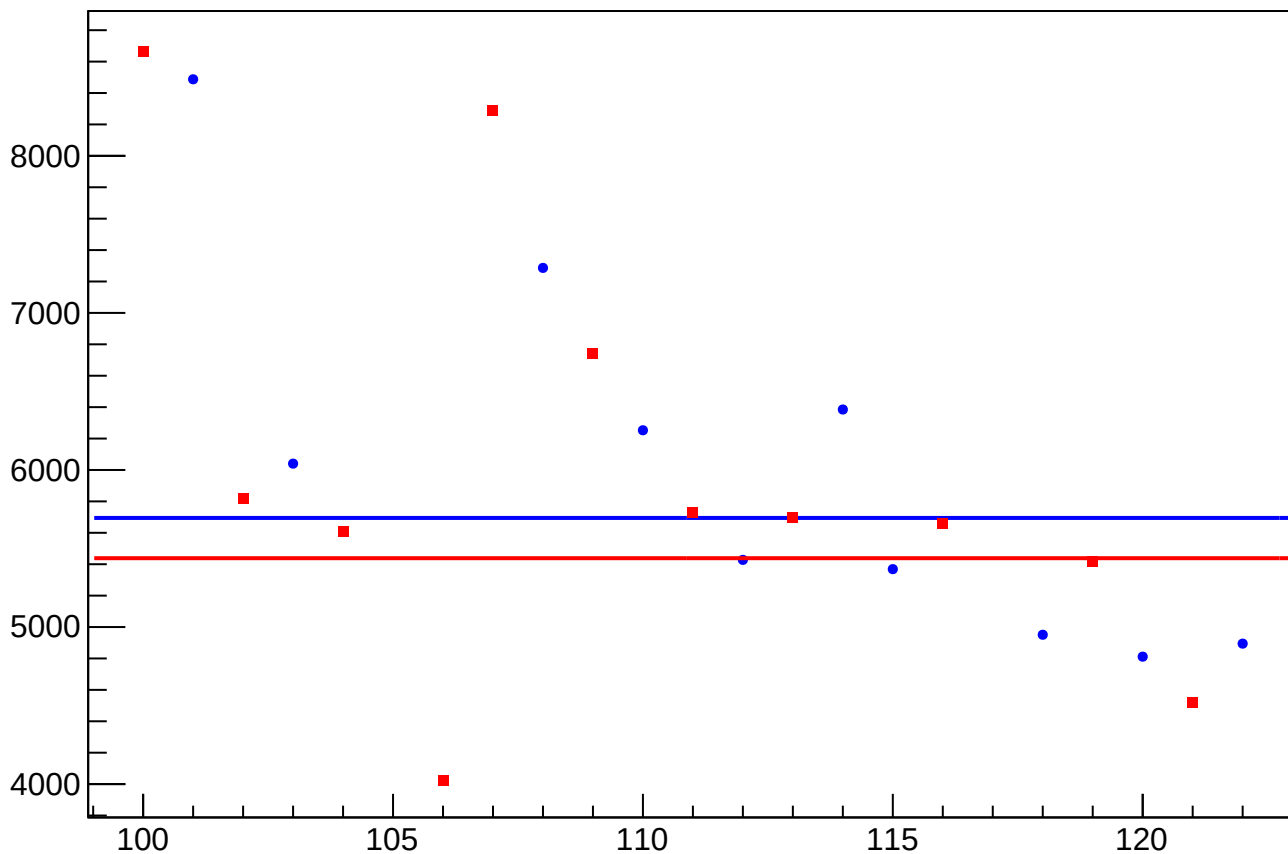
Right: 652.303+/-1908.802 χ^2/NDF : 22.5/20

In: 387.708+/-2864.866 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.303+/-1908.802 χ^2/NDF : 22.5/20

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5694.616+/-2.026 χ^2/NDF : 262692.9/9

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

Right Out: 5438.296+/-1.810 χ^2/NDF : 245070.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

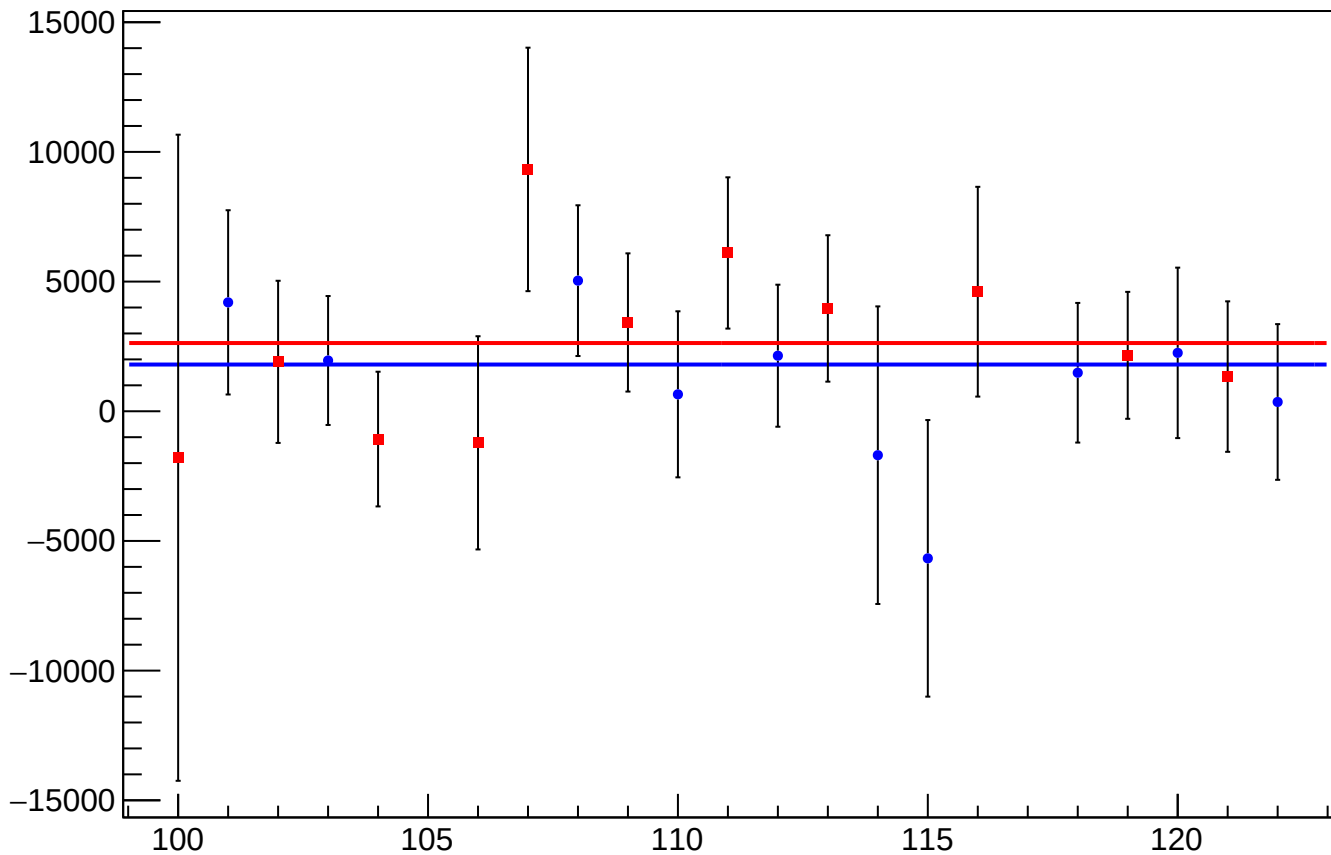
Right: 5552.084+/-1.350 χ^2/NDF : 516665.8/20

In: 5694.616+/-2.026 χ^2/NDF : 262692.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5552.084+/-1.350 χ^2/NDF : 516665.8/20

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1801.683+/-1001.227 χ^2/NDF : 4.4/9

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

Right Out: 2630.492+/-956.727 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

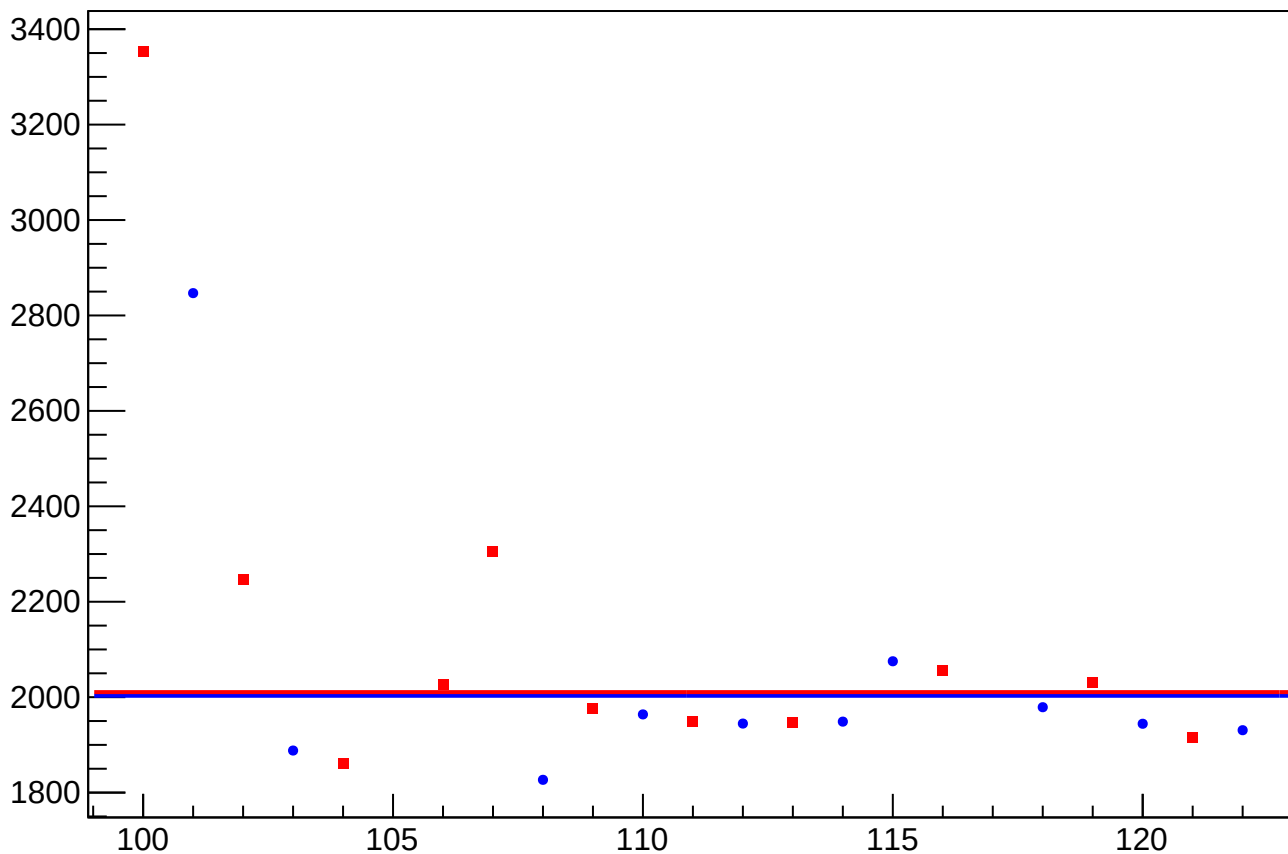
Right: 2234.915+/-691.705 χ^2/NDF : 12.1/20

In: 1801.683+/-1001.227 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.915+/-691.705 χ^2/NDF : 12.1/20

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2002.948+/-0.708 χ^2/NDF : 128179.0/9

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

Right Out: 2010.597+/-0.675 χ^2/NDF : 53951.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

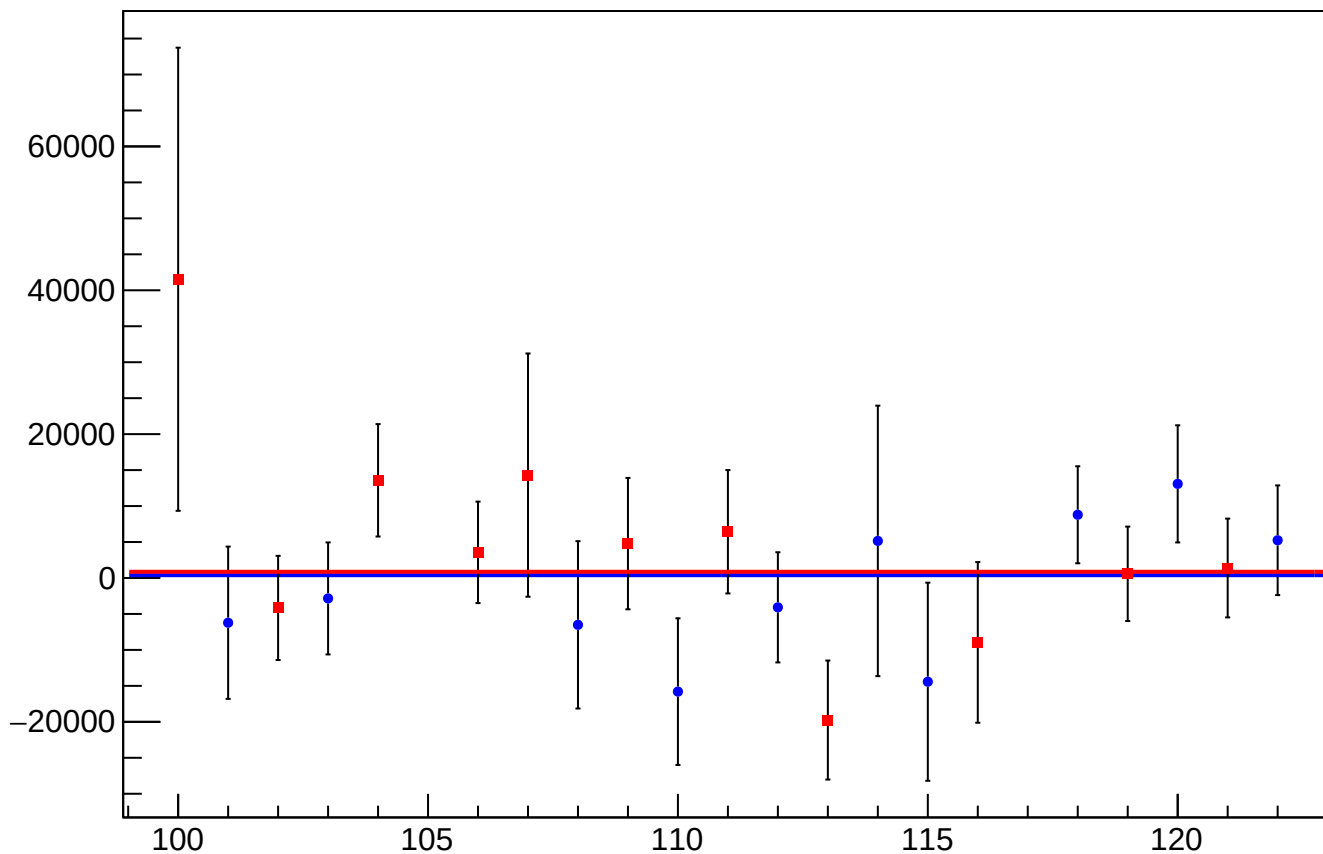
Right: 2006.955+/-0.489 χ^2/NDF : 182191.7/20

In: 2002.948+/-0.708 χ^2/NDF : 128179.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.955+/-0.489 χ^2/NDF : 182191.7/20

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 387.719+/-2864.856 χ^2/NDF : 9.4/9

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

Right Out: 863.532+/-2559.731 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

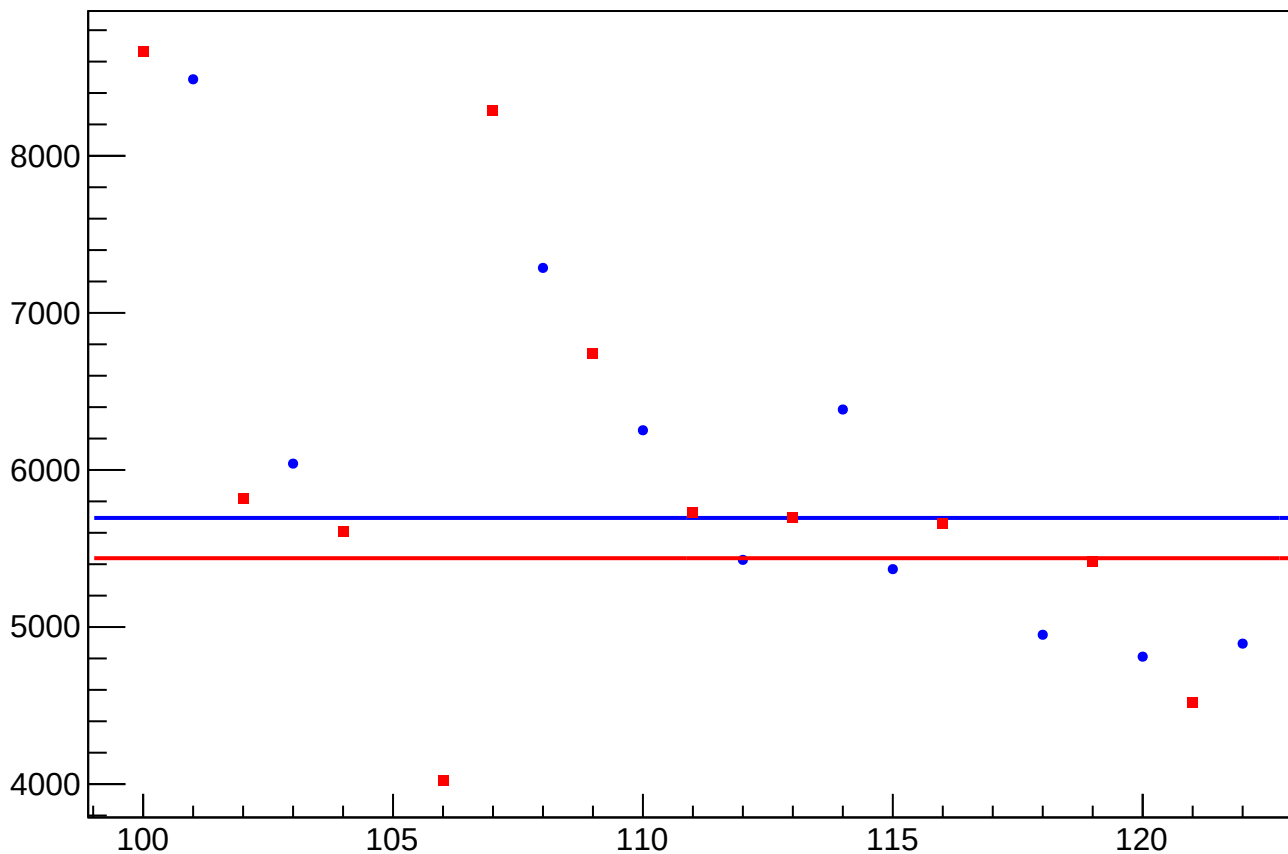
Right: 652.305+/-1908.796 χ^2/NDF : 22.5/20

In: 387.719+/-2864.856 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.305+/-1908.796 χ^2/NDF : 22.5/20

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5694.593+/-2.026 χ^2/NDF : 262696.5/9

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

Right Out: 5438.280+/-1.810 χ^2/NDF : 245071.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

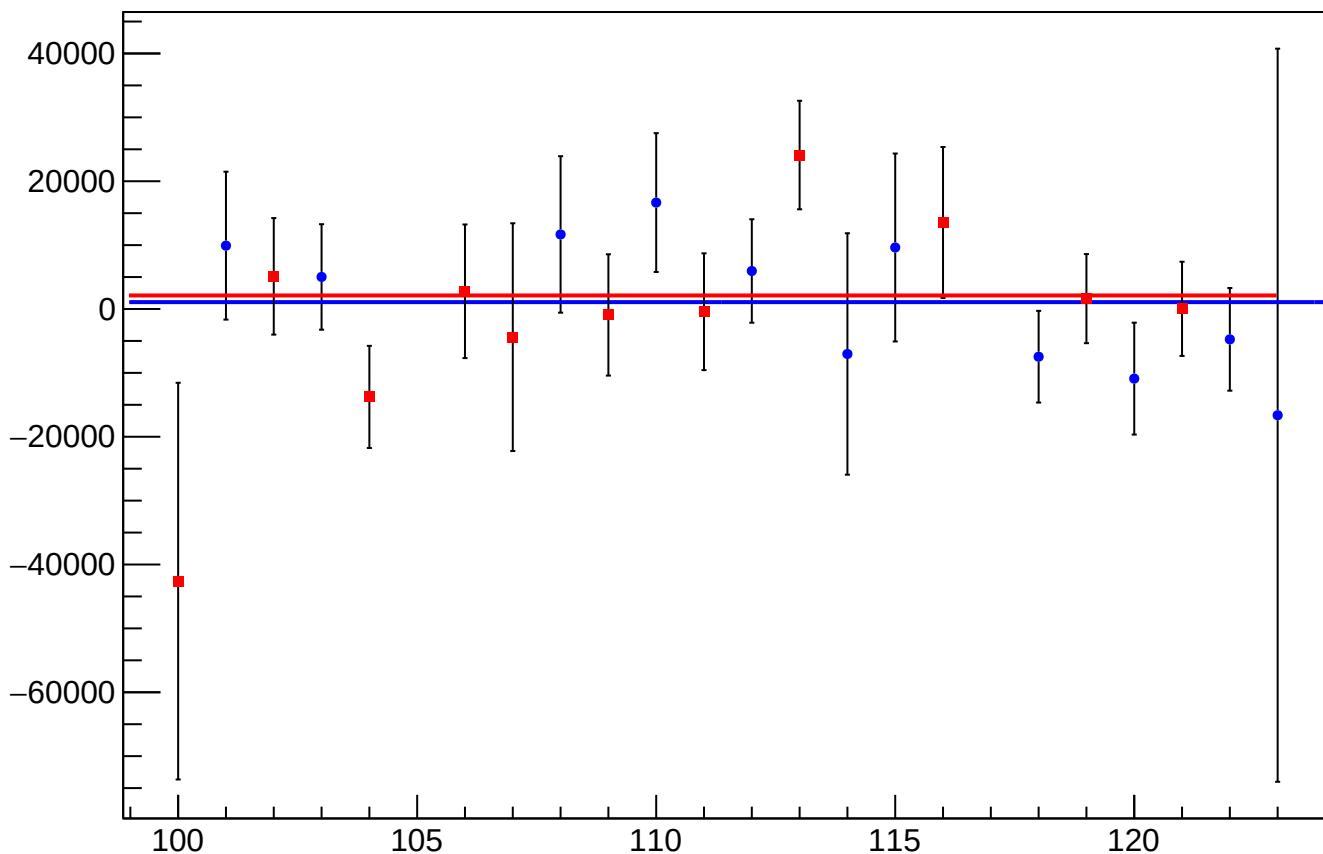
Right: 5552.065+/-1.350 χ^2/NDF : 516670.0/20

In: 5694.593+/-2.026 χ^2/NDF : 262696.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5552.065+/-1.350 χ^2/NDF : 516670.0/20

asym_atl2_mean vs Slug, Sign Corrected



Right In: 1075.237+/-3040.626 χ^2/NDF : 8.4/10

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

Right Out: 2118.965+/-2839.462 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

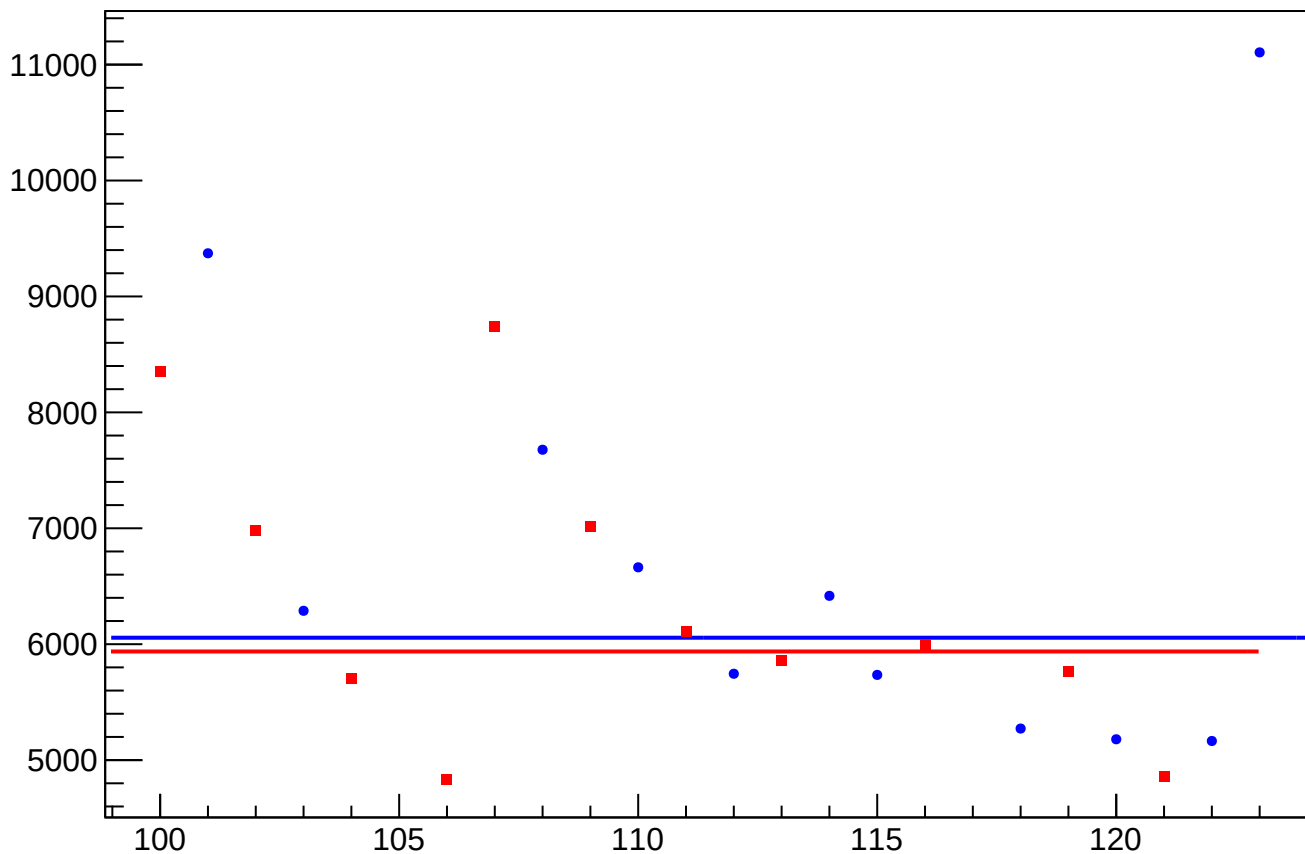
Right: 1632.766+/-2075.278 χ^2/NDF : 22.6/21

In: 1075.237+/-3040.626 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.766+/-2075.278 χ^2/NDF : 22.6/21

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6055.917+/-2.150 χ^2/NDF : 295515.1/10

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

Right Out: 5937.184+/-2.008 χ^2/NDF : 182561.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

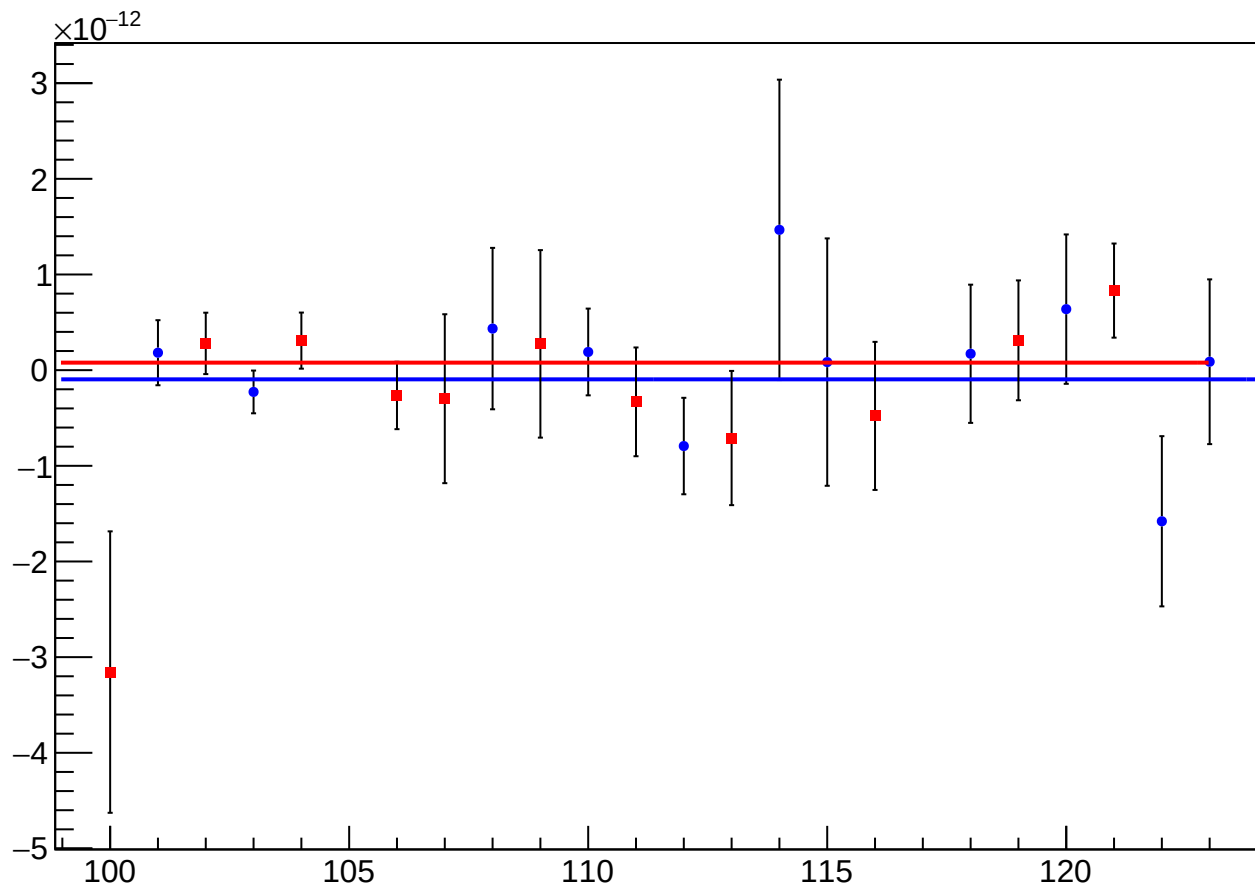
Right: 5992.493+/-1.467 χ^2/NDF : 479705.1/21

In: 6055.917+/-2.150 χ^2/NDF : 295515.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5992.493+/-1.467 χ^2/NDF : 479705.1/21

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/10

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

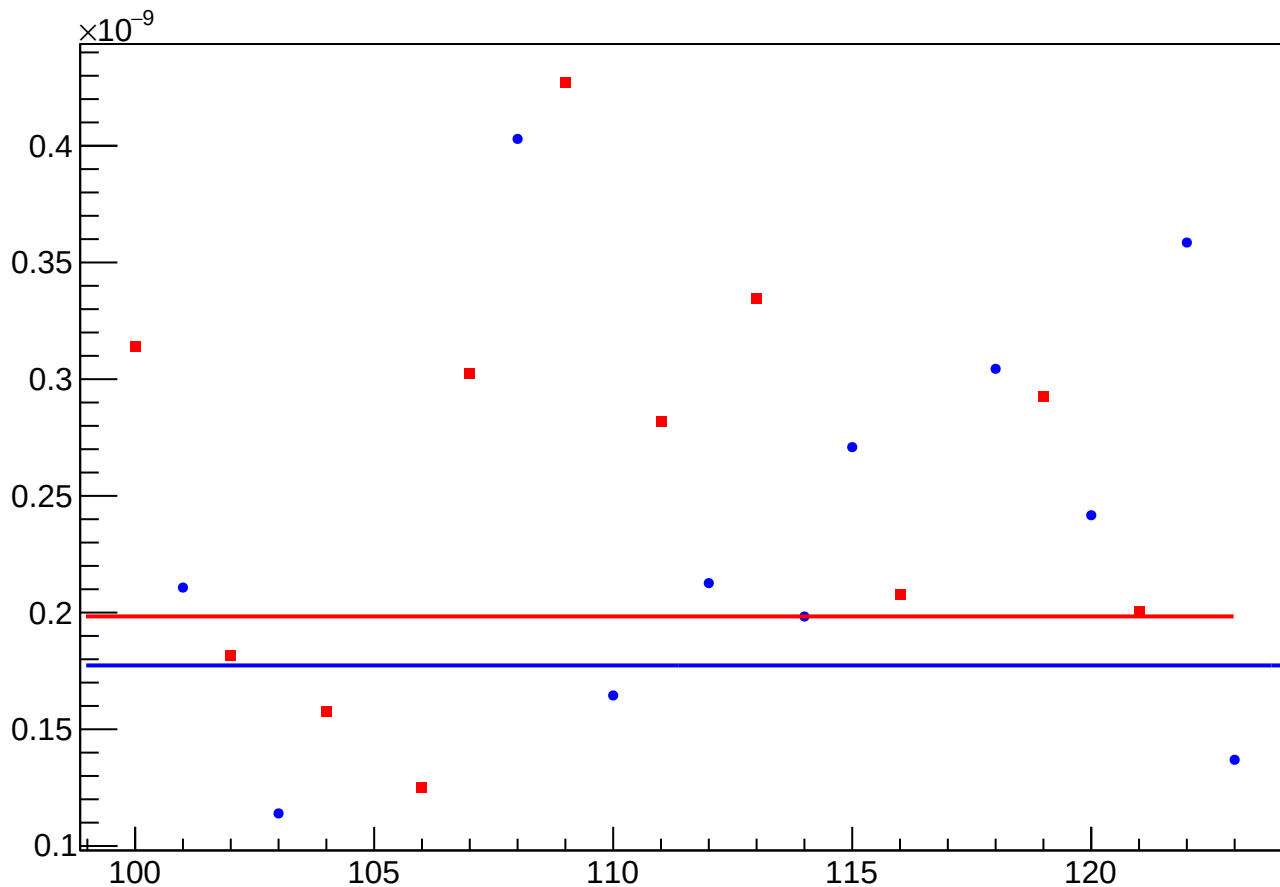
Right: -0.000+/-0.000 χ^2/NDF : 21.1/21

In: -0.000+/-0.000 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.1/21

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508262.0/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 443248.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

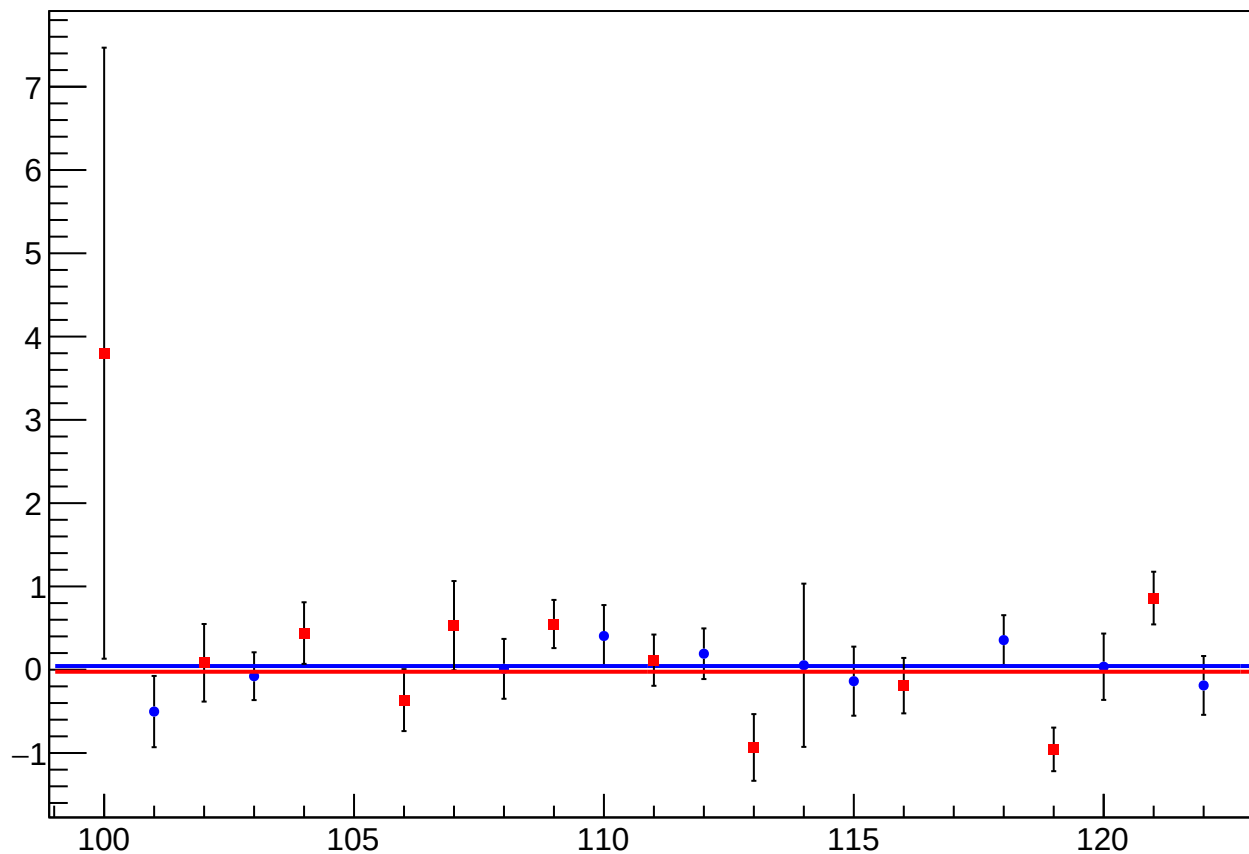
Right: 0.000+/-0.000 χ^2/NDF : 971728.3/21

In: 0.000+/-0.000 χ^2/NDF : 508262.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 971728.3/21

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: -0.024+/-0.108 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

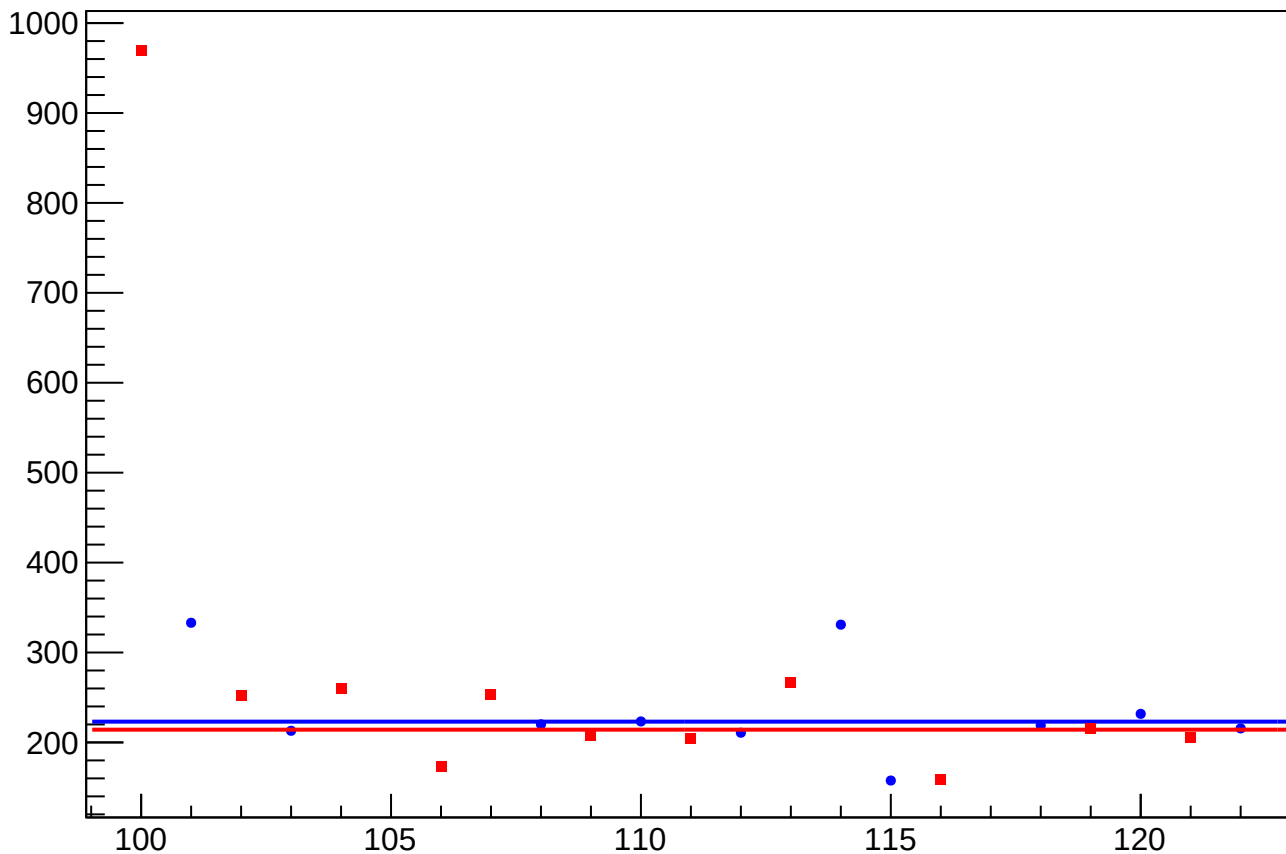
Right: 0.008+/-0.079 χ^2/NDF : 39.6/20

In: 0.044+/-0.115 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.079 χ^2/NDF : 39.6/20

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.117+/-0.081 χ^2/NDF : 214415.9/9

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

Right Out: 214.188+/-0.077 χ^2/NDF : 257392.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

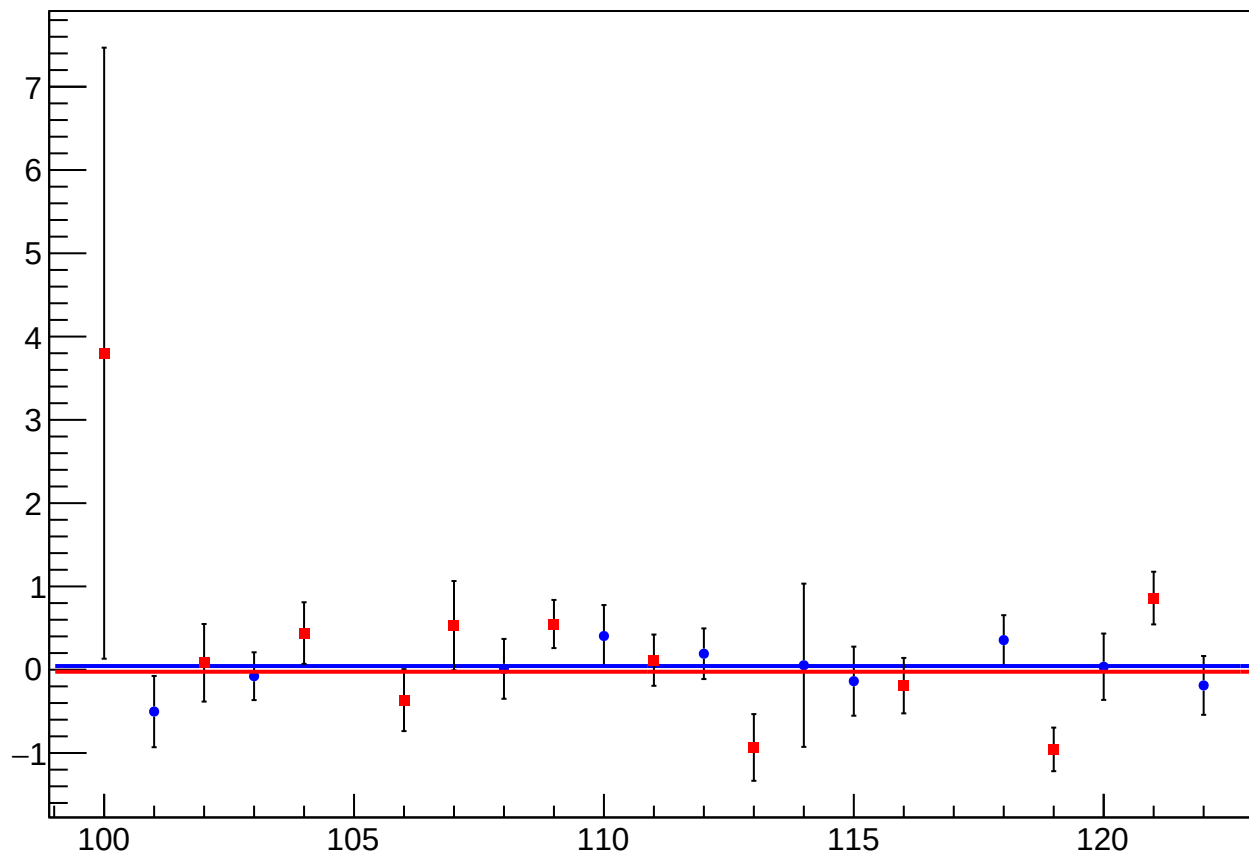
Right: 218.394+/-0.056 χ^2/NDF : 478198.4/20

In: 223.117+/-0.081 χ^2/NDF :214415.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.394+/-0.056 χ^2/NDF : 478198.4/20

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: -0.024+/-0.108 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

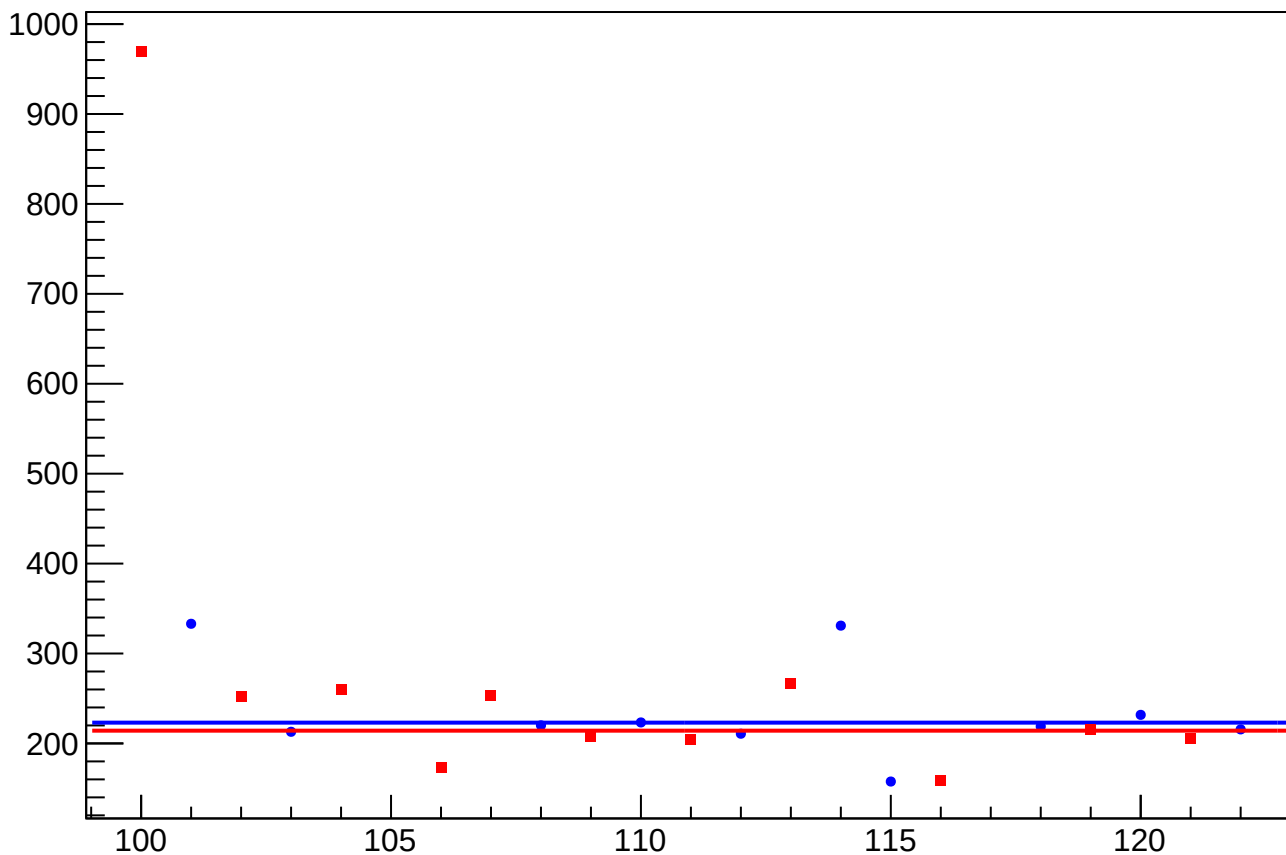
Right: 0.008+/-0.079 χ^2/NDF : 39.6/20

In: 0.044+/-0.115 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.079 χ^2/NDF : 39.6/20

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.117+/-0.081 χ^2/NDF : 214415.9/9

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

Right Out: 214.188+/-0.077 χ^2/NDF : 257392.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

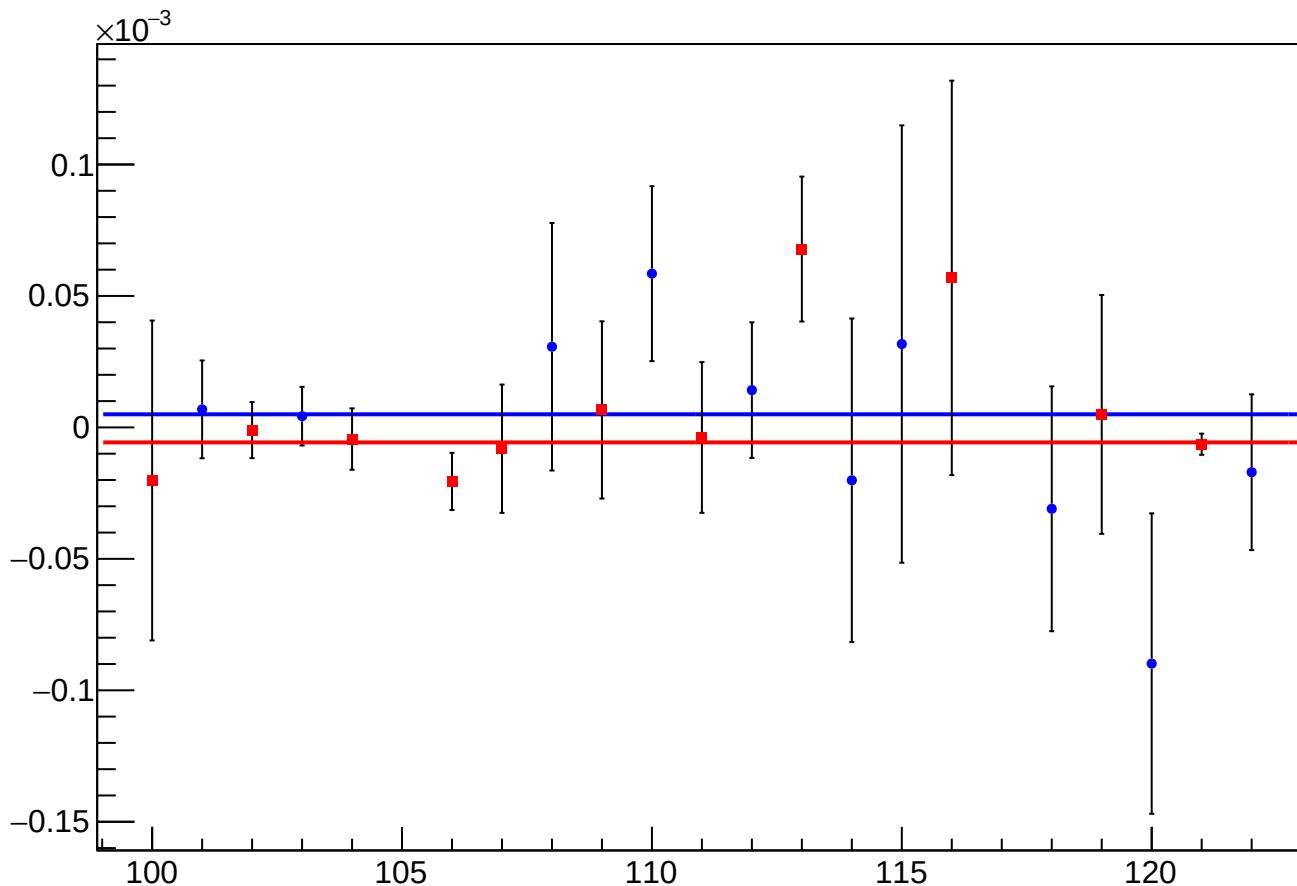
Right: 218.394+/-0.056 χ^2/NDF : 478198.4/20

In: 223.117+/-0.081 χ^2/NDF :214415.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.394+/-0.056 χ^2/NDF : 478198.4/20

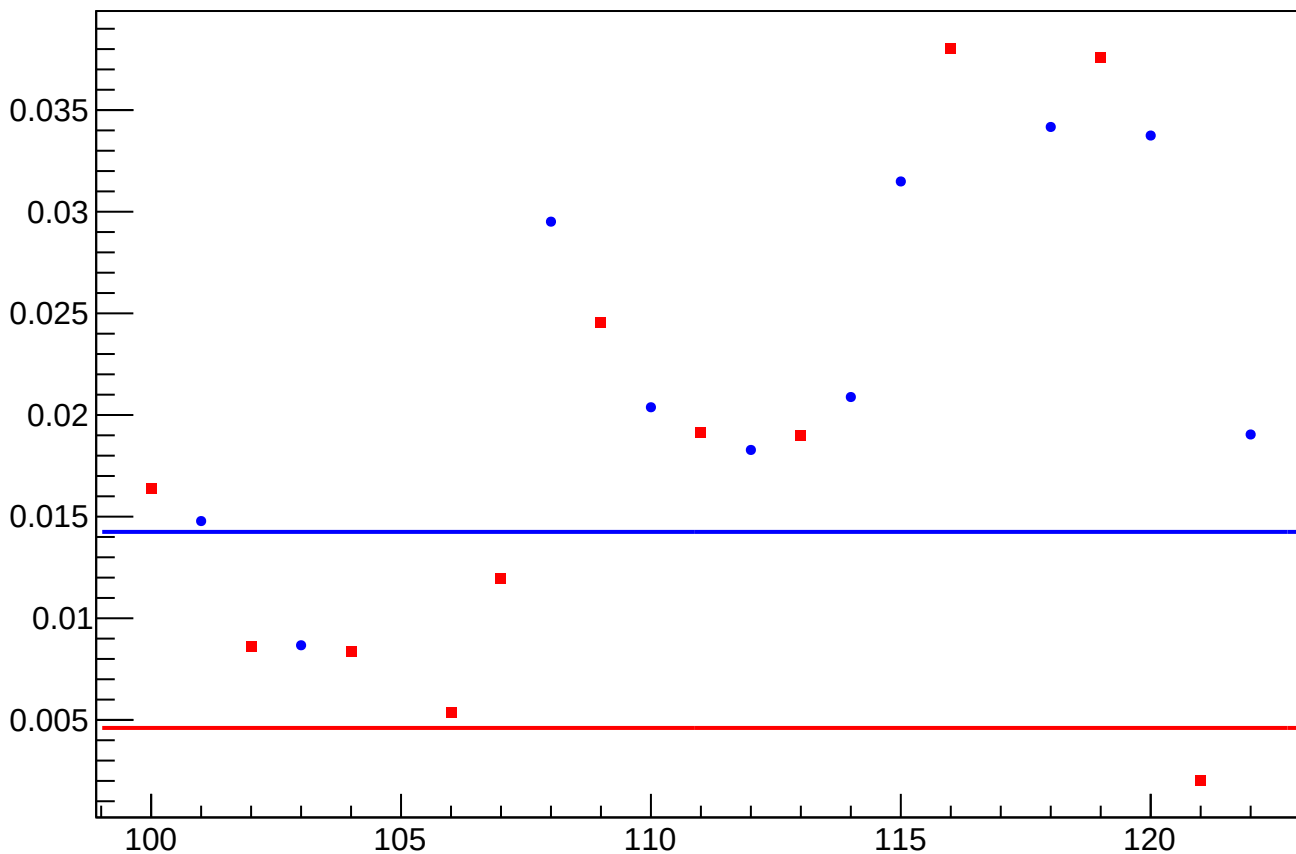
asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/9
 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 : 18.9/20
 In: 0.000+/-0.000 χ^2/NDF : 7.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 18.9/20

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1589539.6/9

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

Right Out: 0.005+/-0.000 χ^2/NDF : 4800309.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

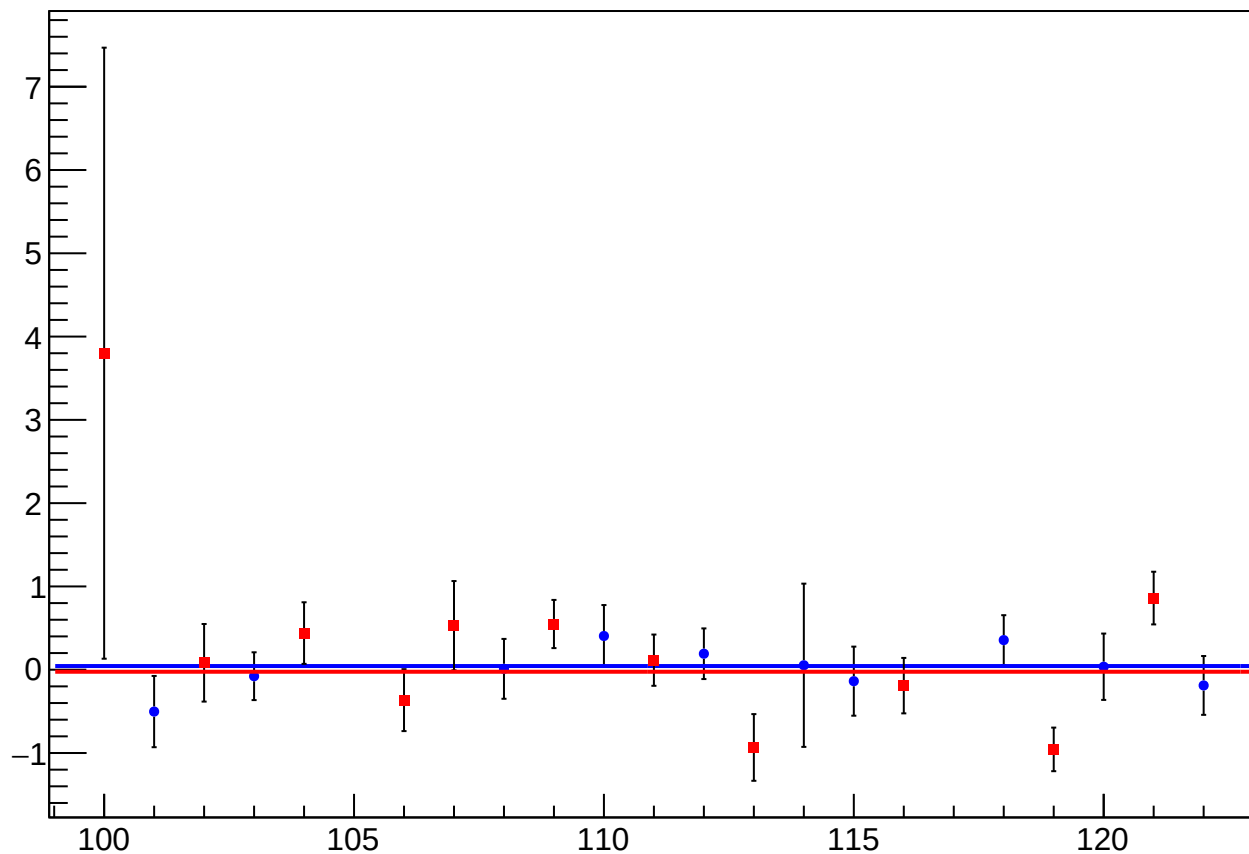
Right: 0.006+/-0.000 χ^2/NDF : 8942103.3/20

In: 0.014+/-0.000 χ^2/NDF : 1589539.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8942103.3/20

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: -0.024+/-0.108 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

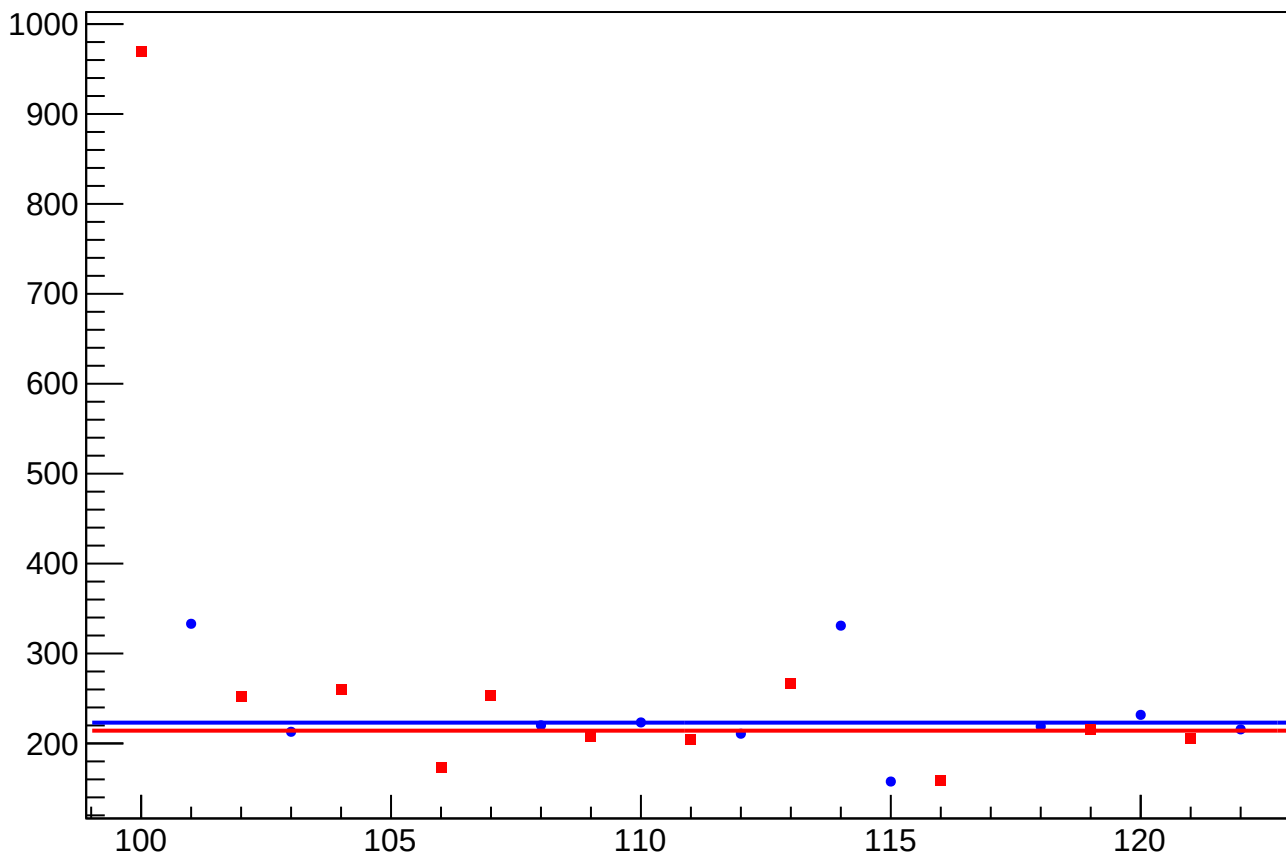
Right: 0.008+/-0.079 χ^2/NDF : 39.6/20

In: 0.044+/-0.115 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.079 χ^2/NDF : 39.6/20

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.119+/-0.081 χ^2/NDF : 214392.9/9

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

Right Out: 214.192+/-0.077 χ^2/NDF : 257355.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

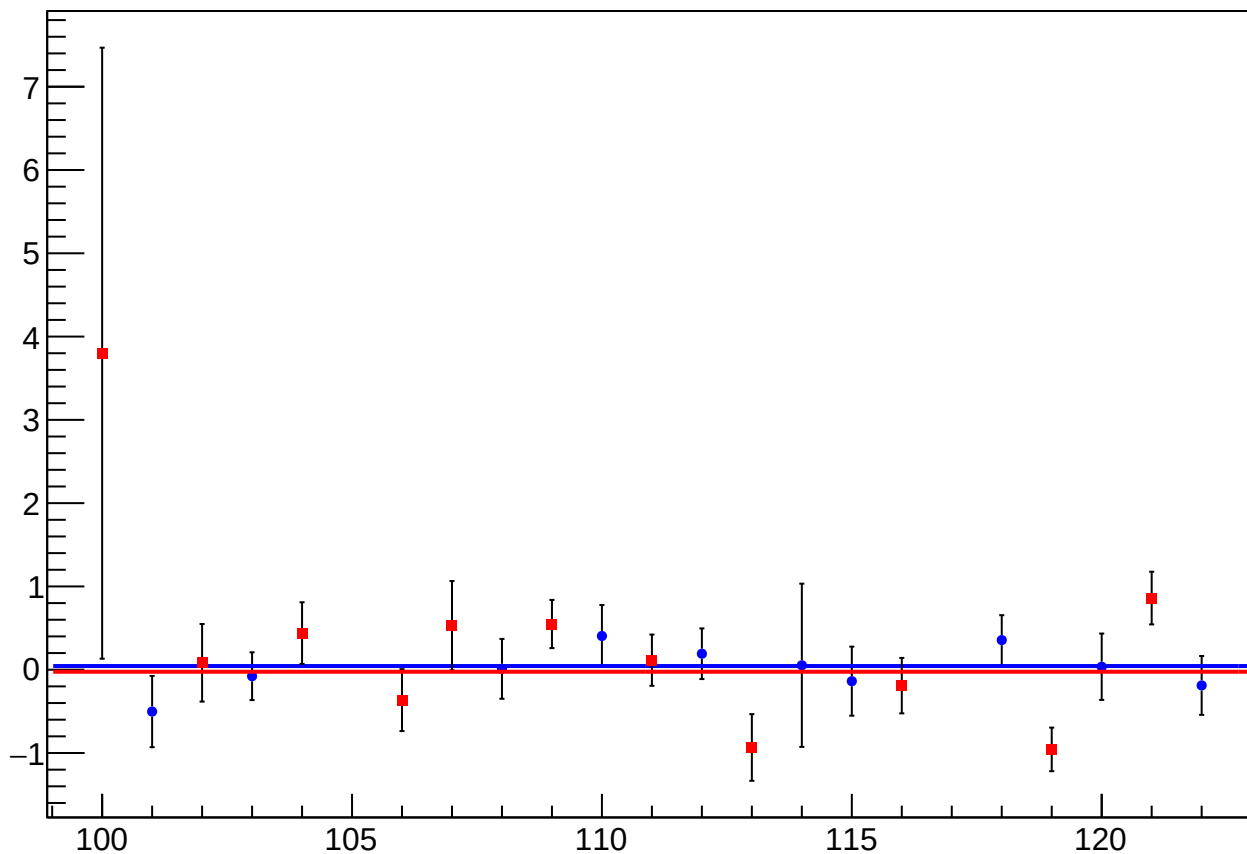
Right: 218.397+/-0.056 χ^2/NDF : 478137.3/20

In: 223.119+/-0.081 χ^2/NDF :214392.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.397+/-0.056 χ^2/NDF : 478137.3/20

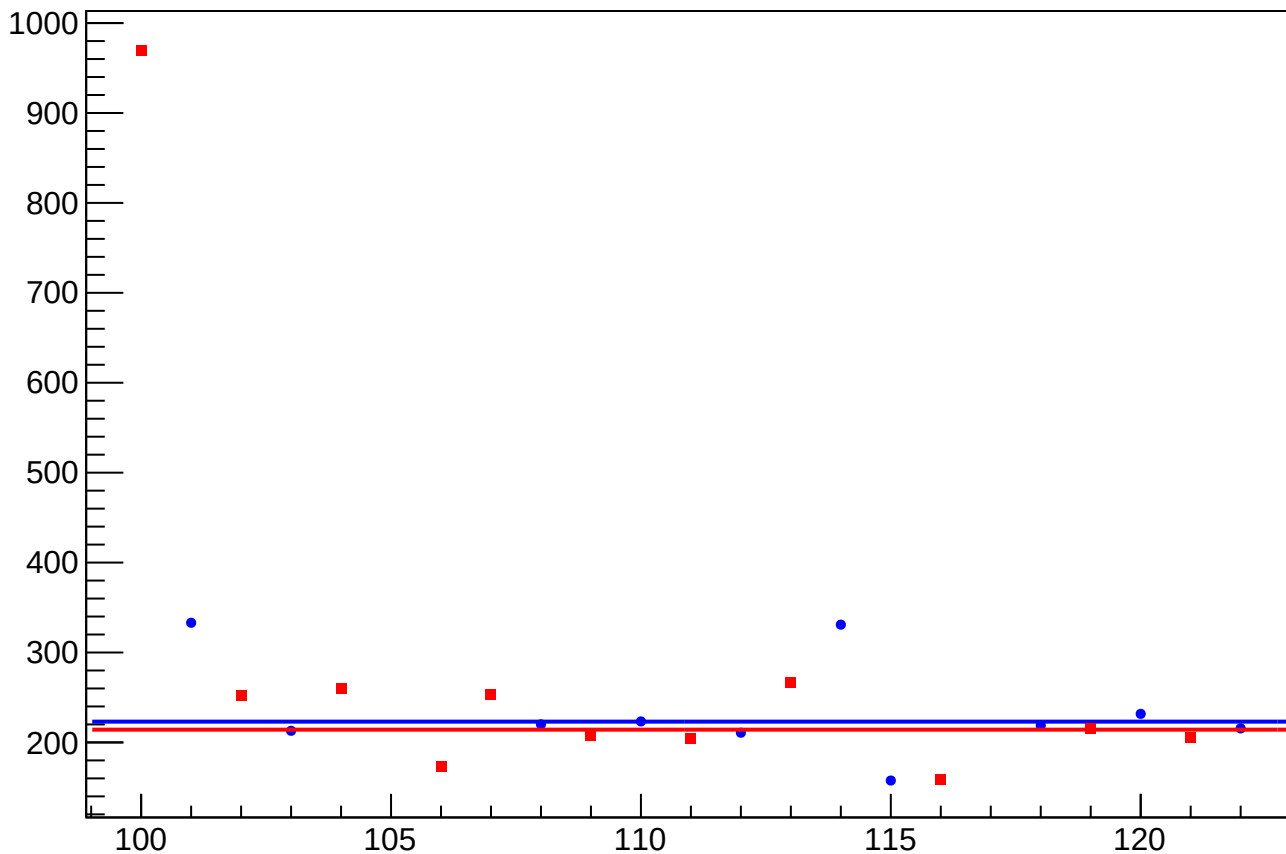
asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.115 χ^2/NDF : 4.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.024+/-0.108 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: 0.008+/-0.079 χ^2/NDF : 39.6/20
 In: 0.044+/-0.115 χ^2/NDF :4.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.008+/-0.079 χ^2/NDF : 39.6/20

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.119+/-0.081 χ^2/NDF : 214392.9/9

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

Right Out: 214.192+/-0.077 χ^2/NDF : 257355.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

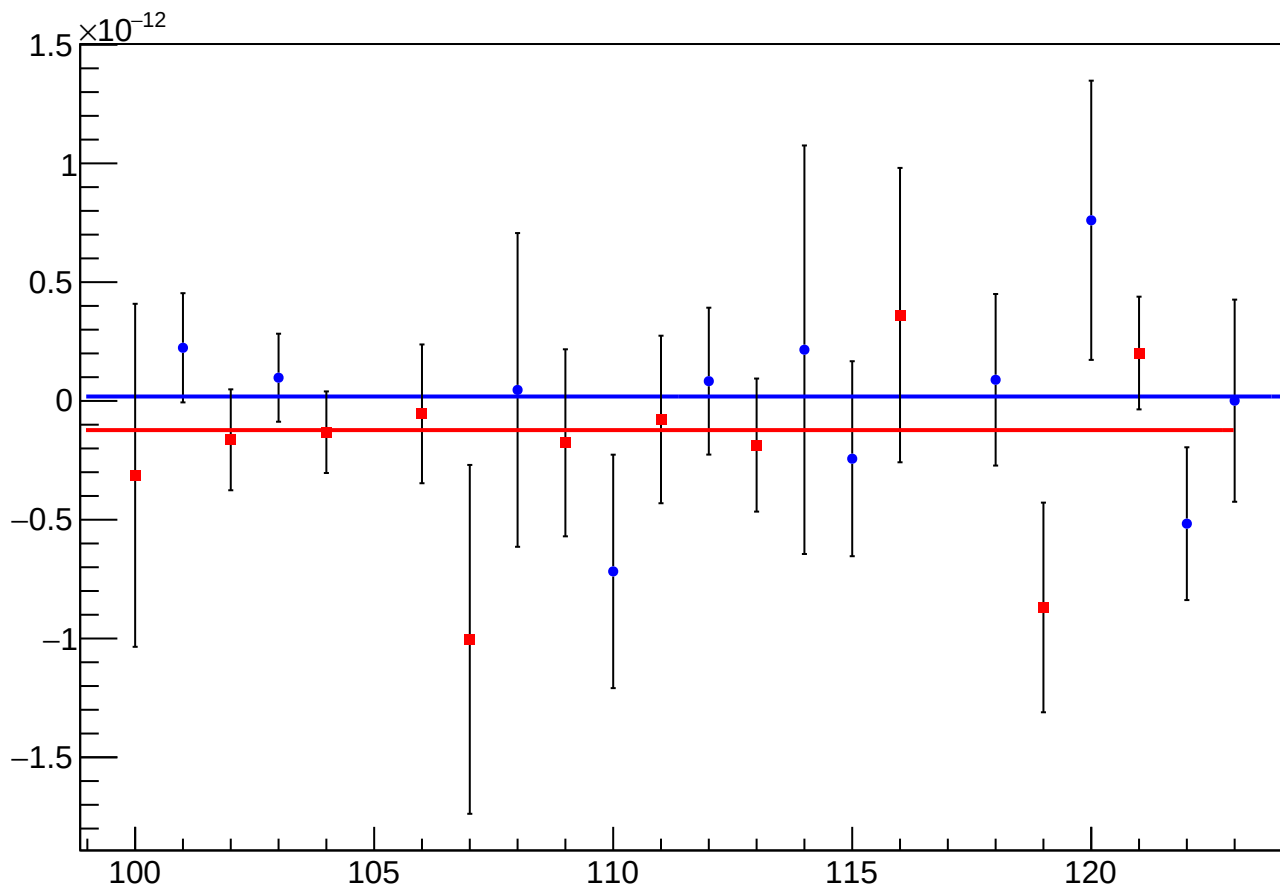
Right: 218.397+/-0.056 χ^2/NDF : 478137.3/20

In: 223.119+/-0.081 χ^2/NDF : 214392.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.397+/-0.056 χ^2/NDF : 478137.3/20

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/10

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

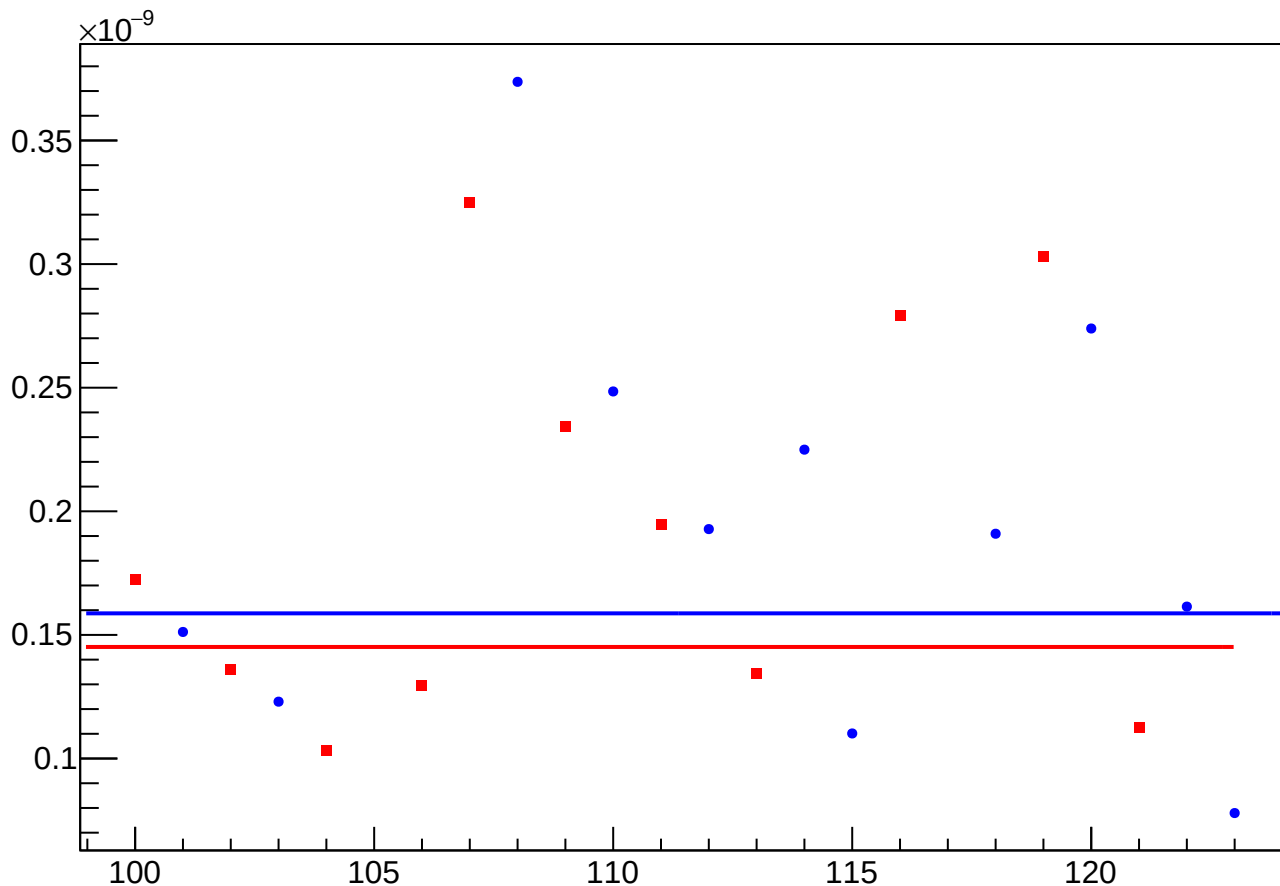
Right: -0.000+/-0.000 χ^2/NDF : 16.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/21

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 584569.2/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 783747.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

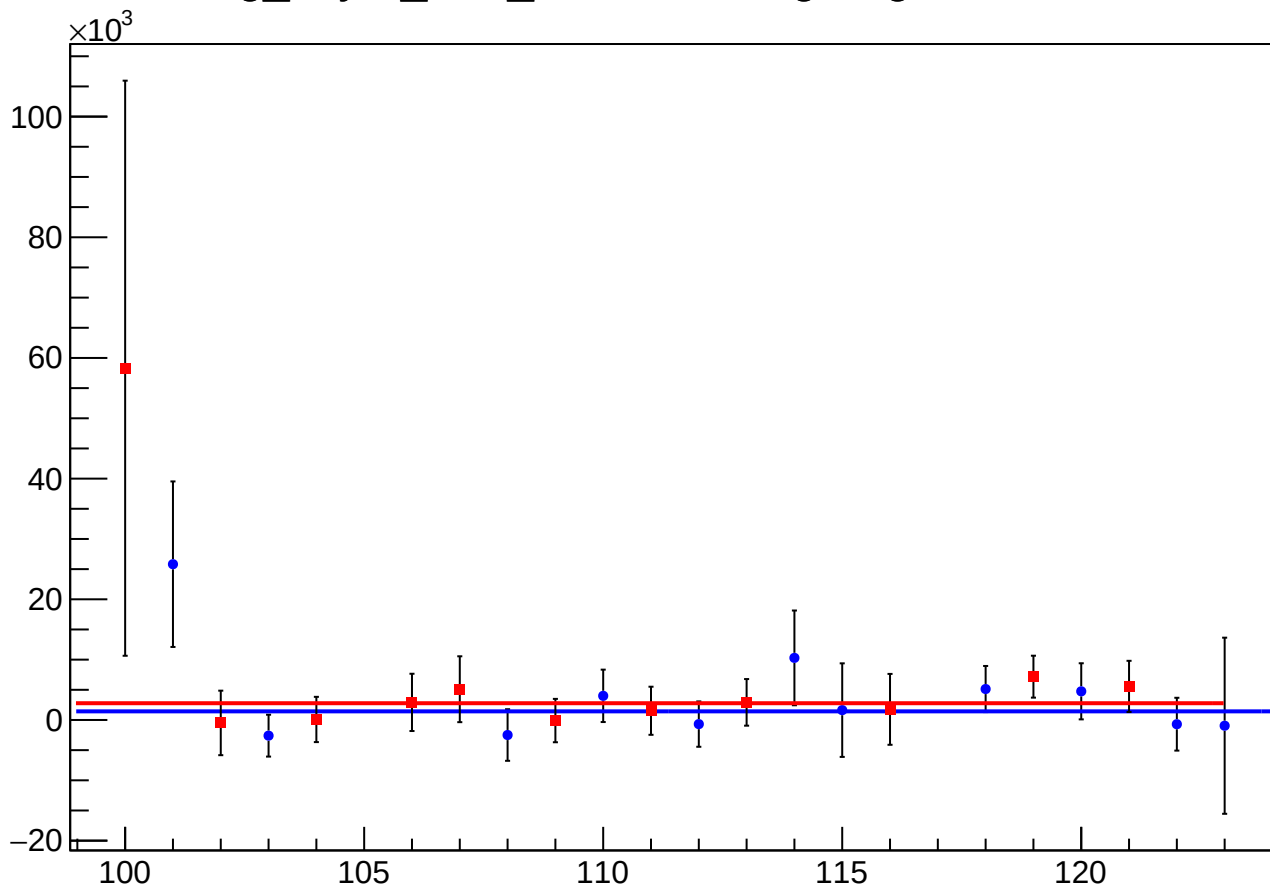
Right: 0.000+/-0.000 χ^2/NDF : 1388574.1/21

In: 0.000+/-0.000 χ^2/NDF : 584569.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1388574.1/21

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1428.646 $\pm$ 1456.577 χ^2/NDF : 9.0/10

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

Right Out: 2778.239 $\pm$ 1337.235 χ^2/NDF : 5.2/10

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

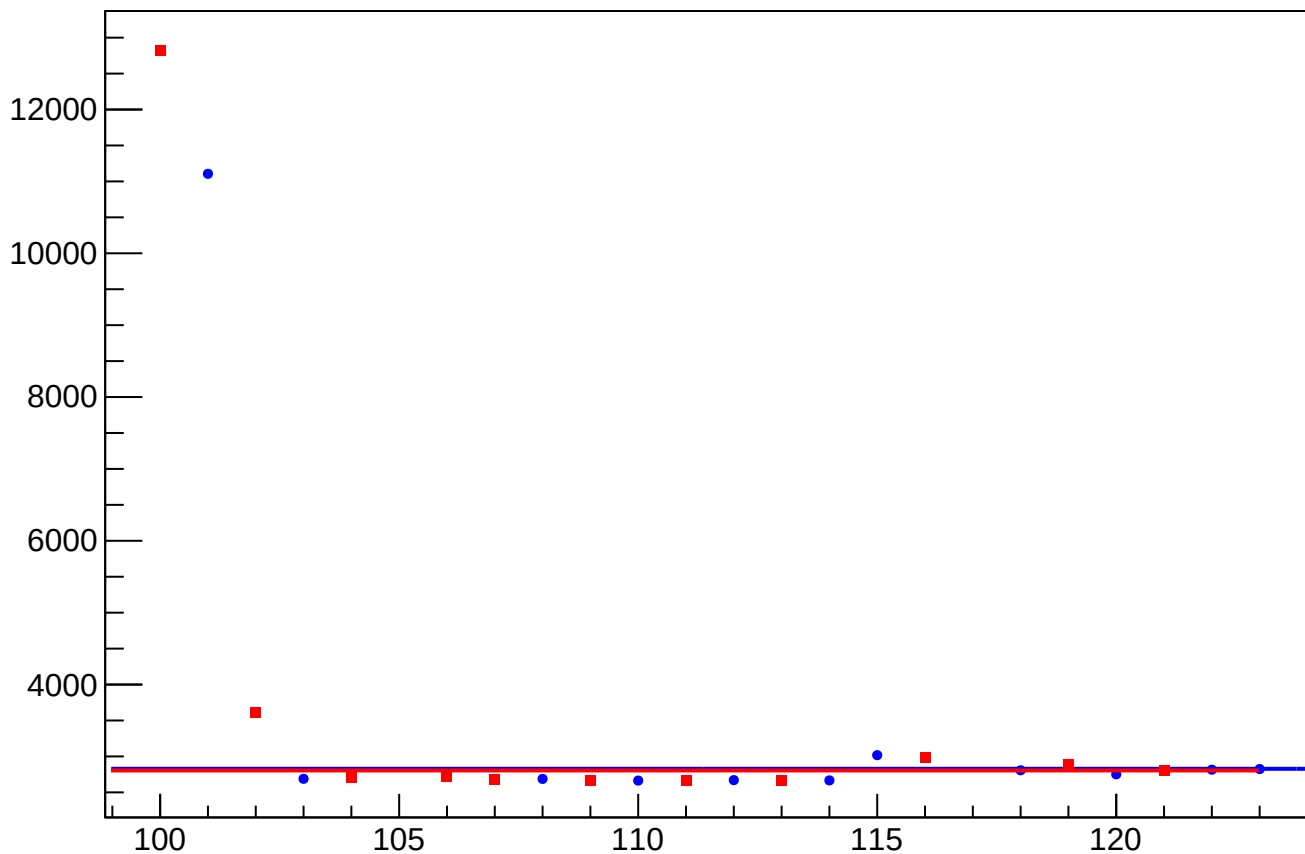
Right: 2160.987 $\pm$ 985.061 χ^2/NDF : 14.7/21

In: 1428.646 $\pm$ 1456.577 χ^2/NDF : 9.0/10

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

All: 2160.987 $\pm$ 985.061 χ^2/NDF : 14.7/21

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.673+/-1.030 χ^2/NDF : 742804.1/10

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

Right Out: 2804.749+/-0.946 χ^2/NDF : 147379.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

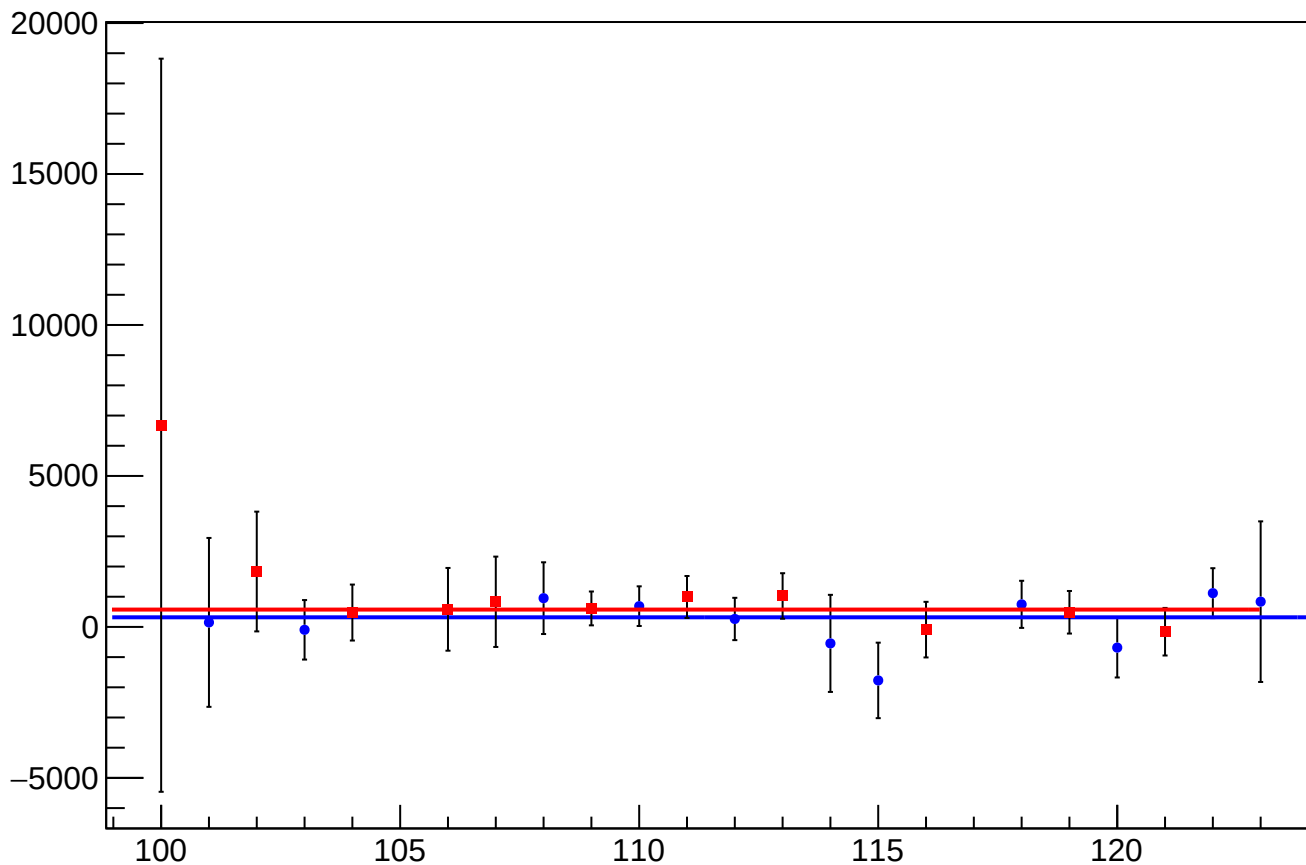
Right: 2815.233+/-0.697 χ^2/NDF : 890452.1/21

In: 2827.673+/-1.030 χ^2/NDF : 742804.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.233+/-0.697 χ^2/NDF : 890452.1/21

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 318.439+/-294.642 χ^2/NDF : 6.2/10

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

Right Out: 574.478+/-265.169 χ^2/NDF : 2.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

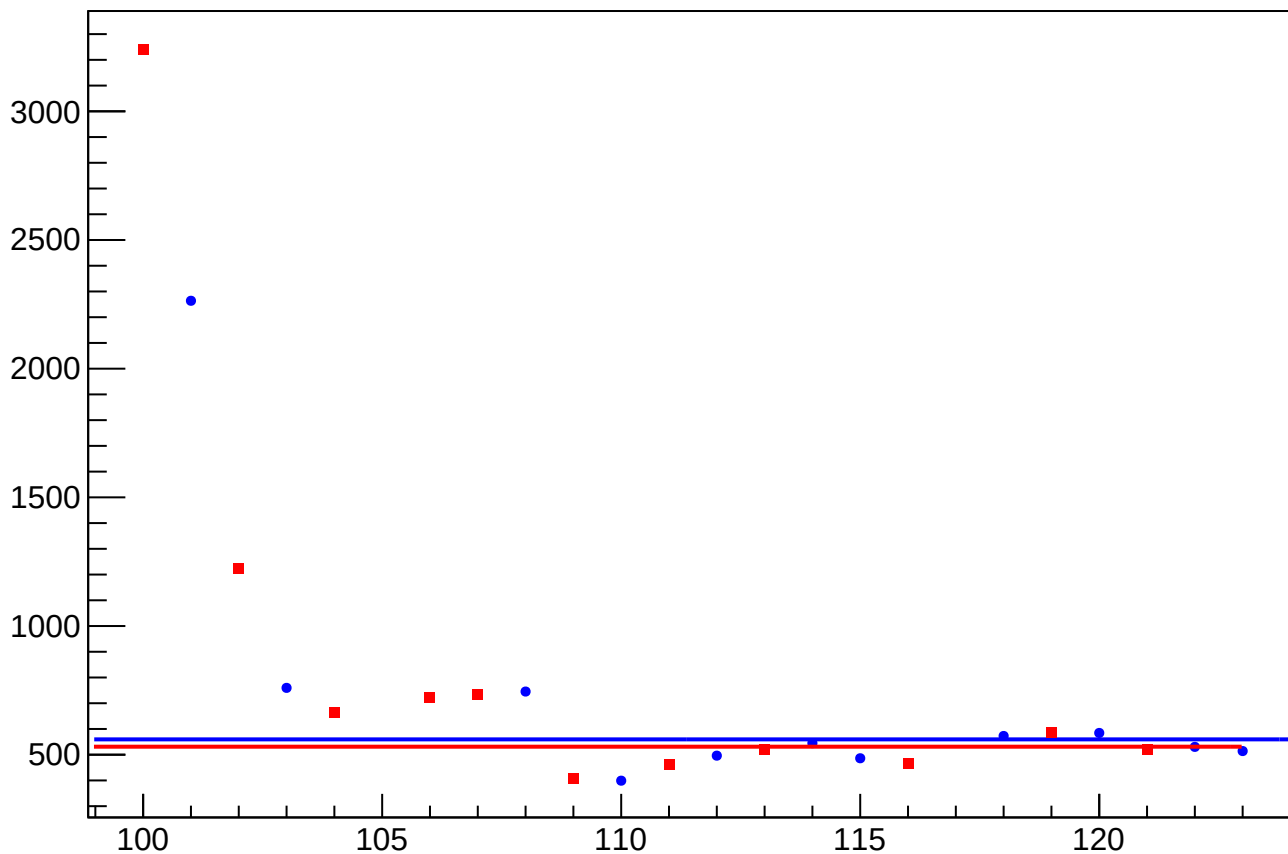
Right: 459.901+/-197.101 χ^2/NDF : 9.4/21

In: 318.439+/-294.642 χ^2/NDF : 6.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.901+/-197.101 χ^2/NDF : 9.4/21

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 559.584 $\pm$ 0.208 χ^2 /NDF: 1021769.7/10

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

Right Out: 531.125 $\pm$ 0.188 χ^2 /NDF: 601111.1/10

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

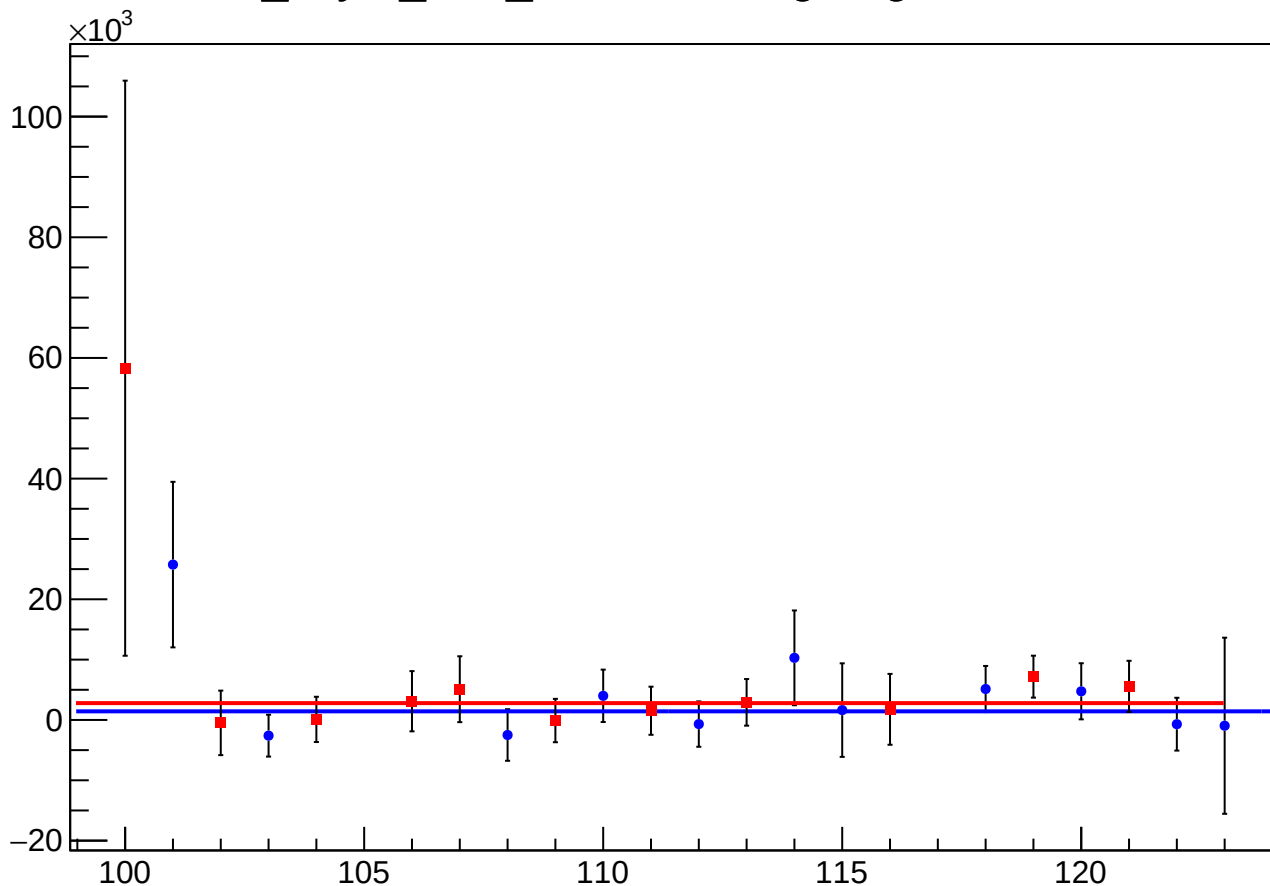
Right: 543.860 $\pm$ 0.139 χ^2 /NDF: 1633189.8/21

In: 559.584 $\pm$ 0.208 χ^2 /NDF:1021769.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 543.860 $\pm$ 0.139 χ^2 /NDF: 1633189.8/21

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1427.427+/-1456.578 χ^2/NDF : 9.0/10

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

Right Out: 2792.172+/-1342.385 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

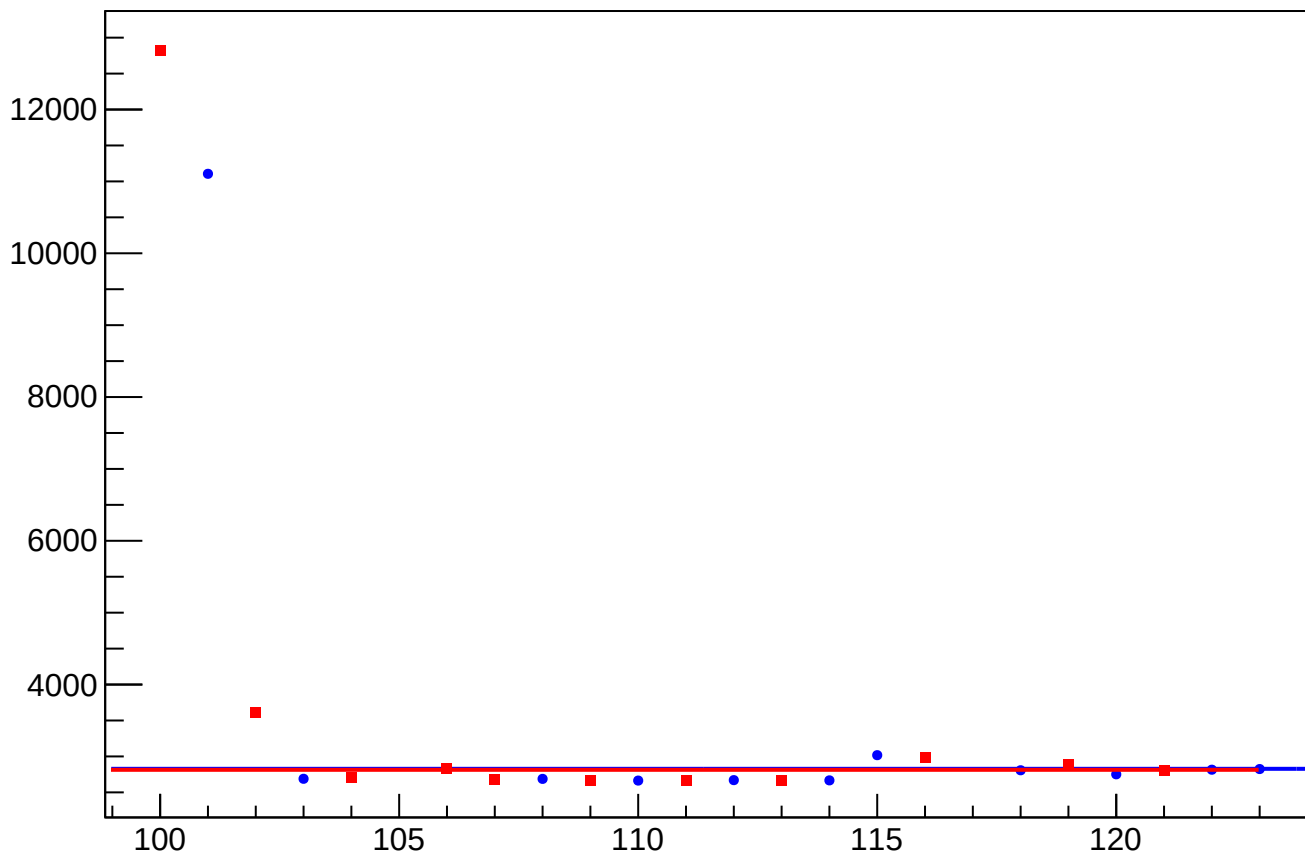
Right: 2165.386+/-987.114 χ^2/NDF : 14.7/21

In: 1427.427+/-1456.578 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.386+/-987.114 χ^2/NDF : 14.7/21

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.672+/-1.030 χ^2/NDF : 742803.2/10

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

Right Out: 2813.803+/-0.949 χ^2/NDF : 146747.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

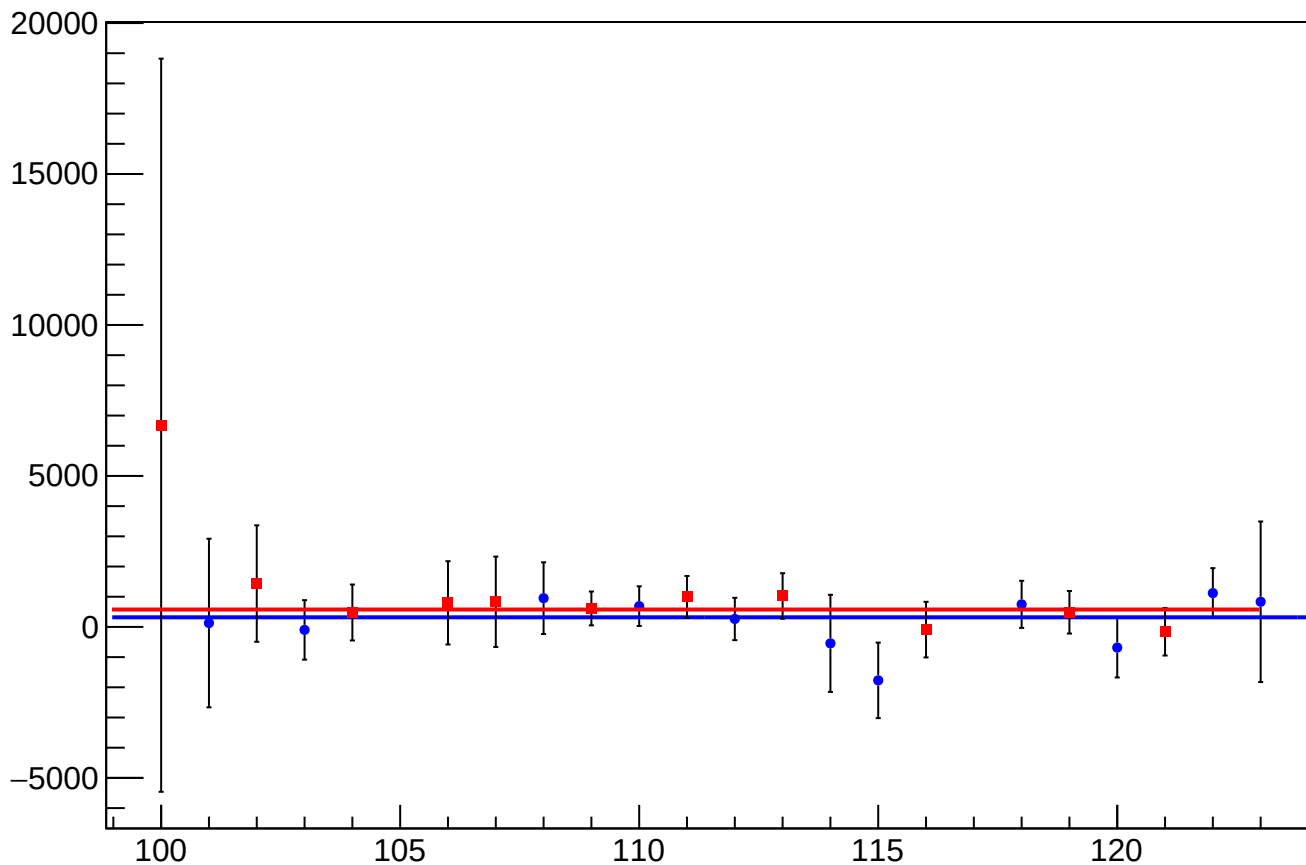
Right: 2820.173+/-0.698 χ^2/NDF : 889649.0/21

In: 2827.672+/-1.030 χ^2/NDF : 742803.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2820.173+/-0.698 χ^2/NDF : 889649.0/21

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 318.416+/-294.631 χ^2/NDF : 6.2/10

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

Right Out: 576.279+/-265.085 χ^2/NDF : 2.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

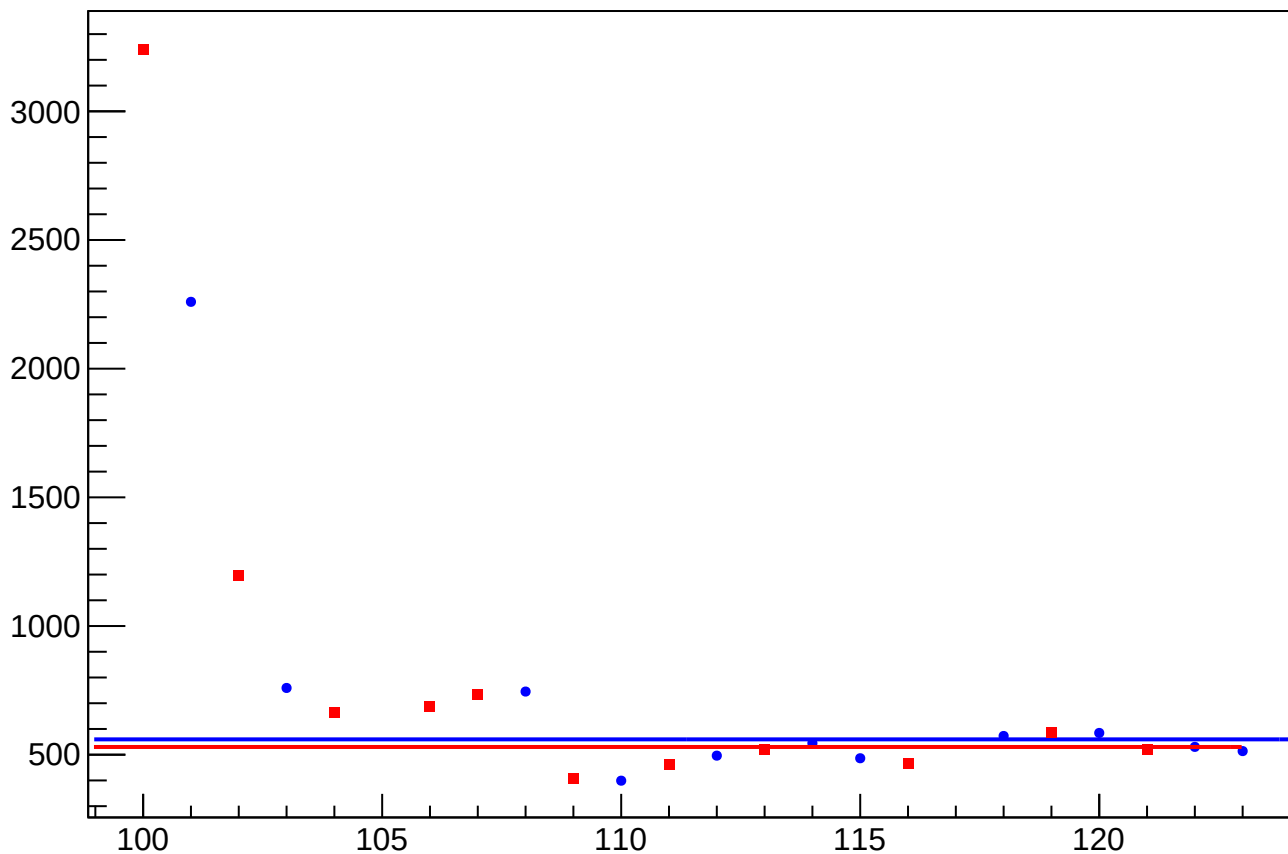
Right: 460.922+/-197.064 χ^2/NDF : 9.2/21

In: 318.416+/-294.631 χ^2/NDF : 6.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.922+/-197.064 χ^2/NDF : 9.2/21

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.608+/-0.208 χ^2/NDF : 1020761.1/10

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

Right Out: 530.011+/-0.187 χ^2/NDF : 584256.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

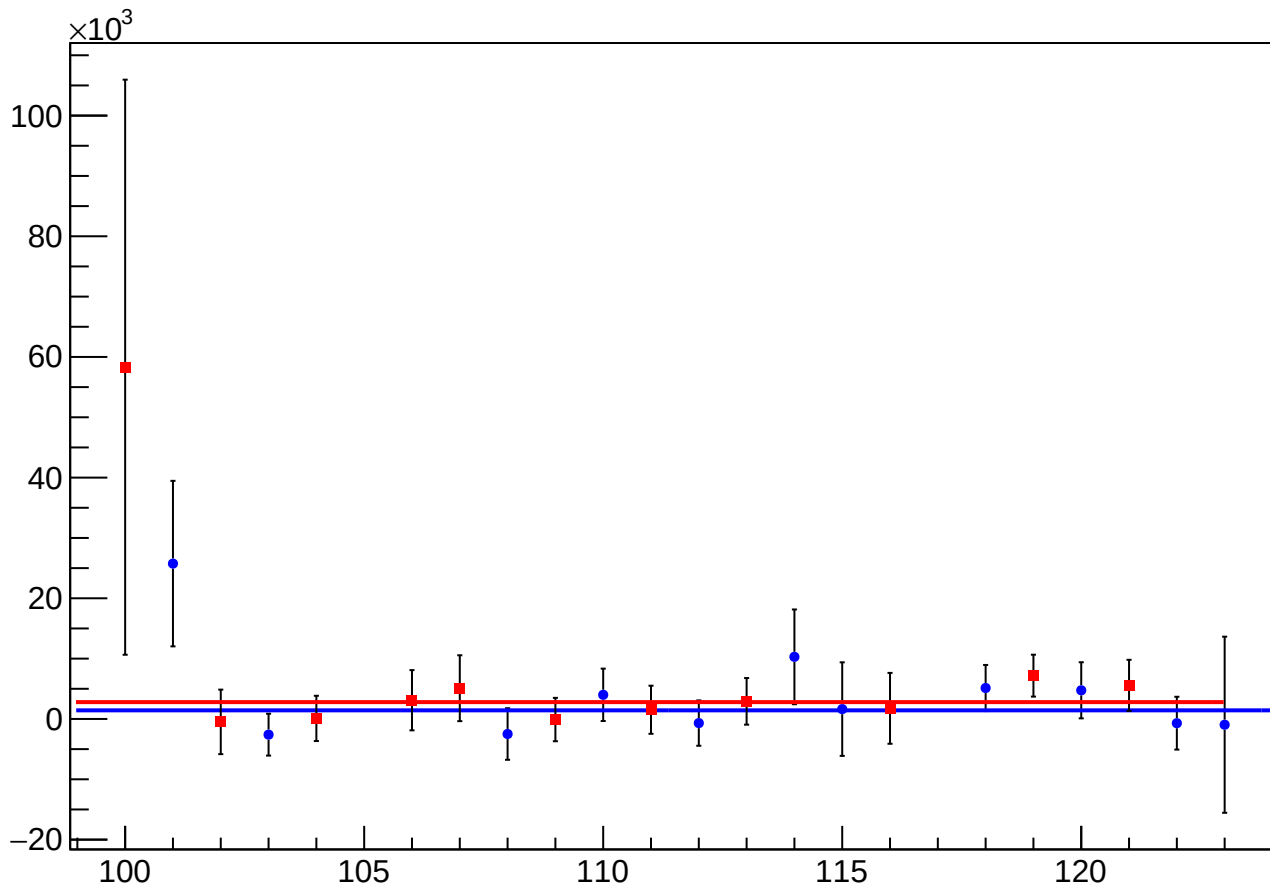
Right: 543.251+/-0.139 χ^2/NDF : 1616171.9/21

In: 559.608+/-0.208 χ^2/NDF : 1020761.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.251+/-0.139 χ^2/NDF : 1616171.9/21

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1427.427+/-1456.578 χ^2 /NDF: 9.0/10

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

Right Out: 2792.172+/-1342.385 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

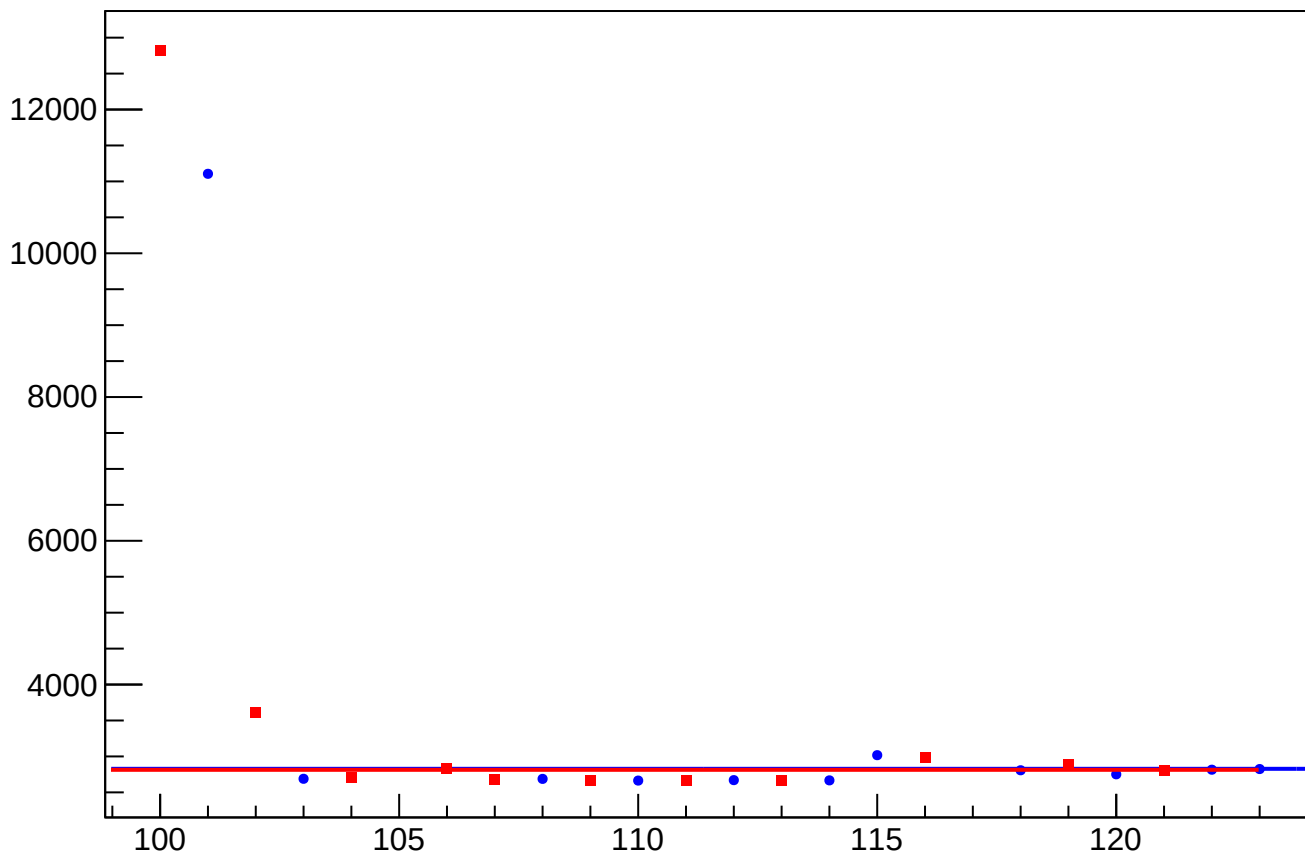
Right: 2165.386+/-987.114 χ^2 /NDF: 14.7/21

In: 1427.427+/-1456.578 χ^2 /NDF:9.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2165.386+/-987.114 χ^2 /NDF: 14.7/21

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.672+/-1.030 χ^2/NDF : 742803.2/10

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

Right Out: 2813.803+/-0.949 χ^2/NDF : 146747.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

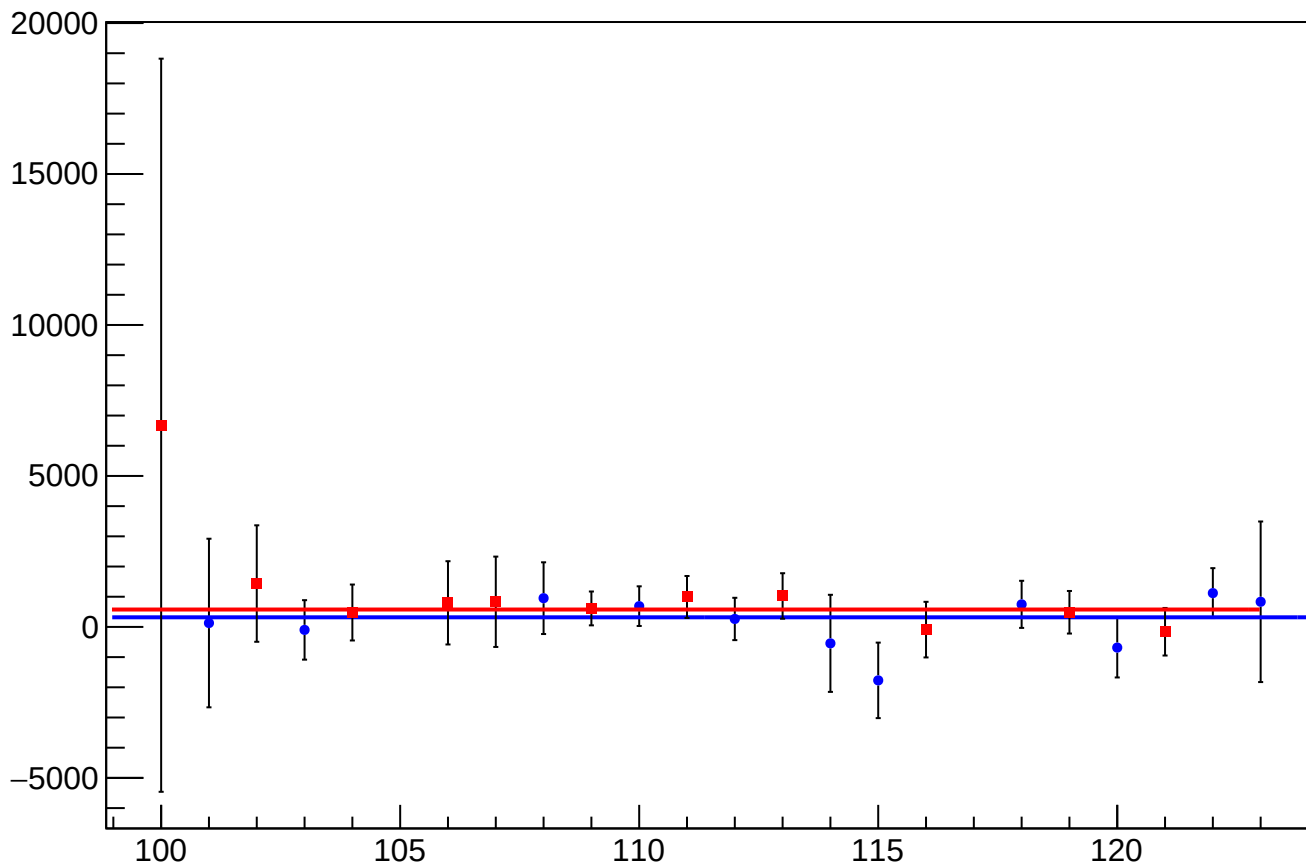
Right: 2820.173+/-0.698 χ^2/NDF : 889649.0/21

In: 2827.672+/-1.030 χ^2/NDF : 742803.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2820.173+/-0.698 χ^2/NDF : 889649.0/21

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 318.416+/-294.631 χ^2/NDF : 6.2/10

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

Right Out: 576.279+/-265.085 χ^2/NDF : 2.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

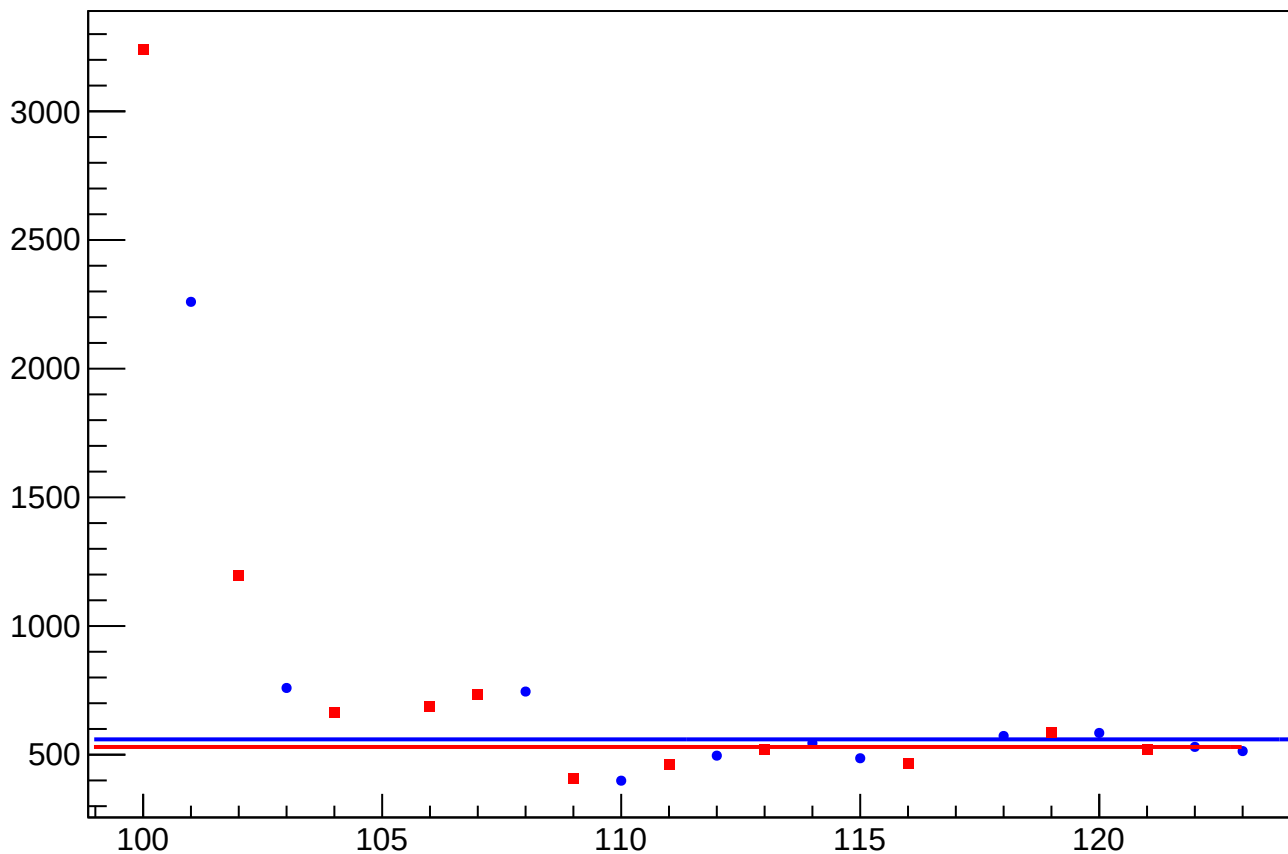
Right: 460.922+/-197.064 χ^2/NDF : 9.2/21

In: 318.416+/-294.631 χ^2/NDF : 6.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.922+/-197.064 χ^2/NDF : 9.2/21

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.608+/-0.208 χ^2/NDF : 1020761.1/10

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

Right Out: 530.011+/-0.187 χ^2/NDF : 584256.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

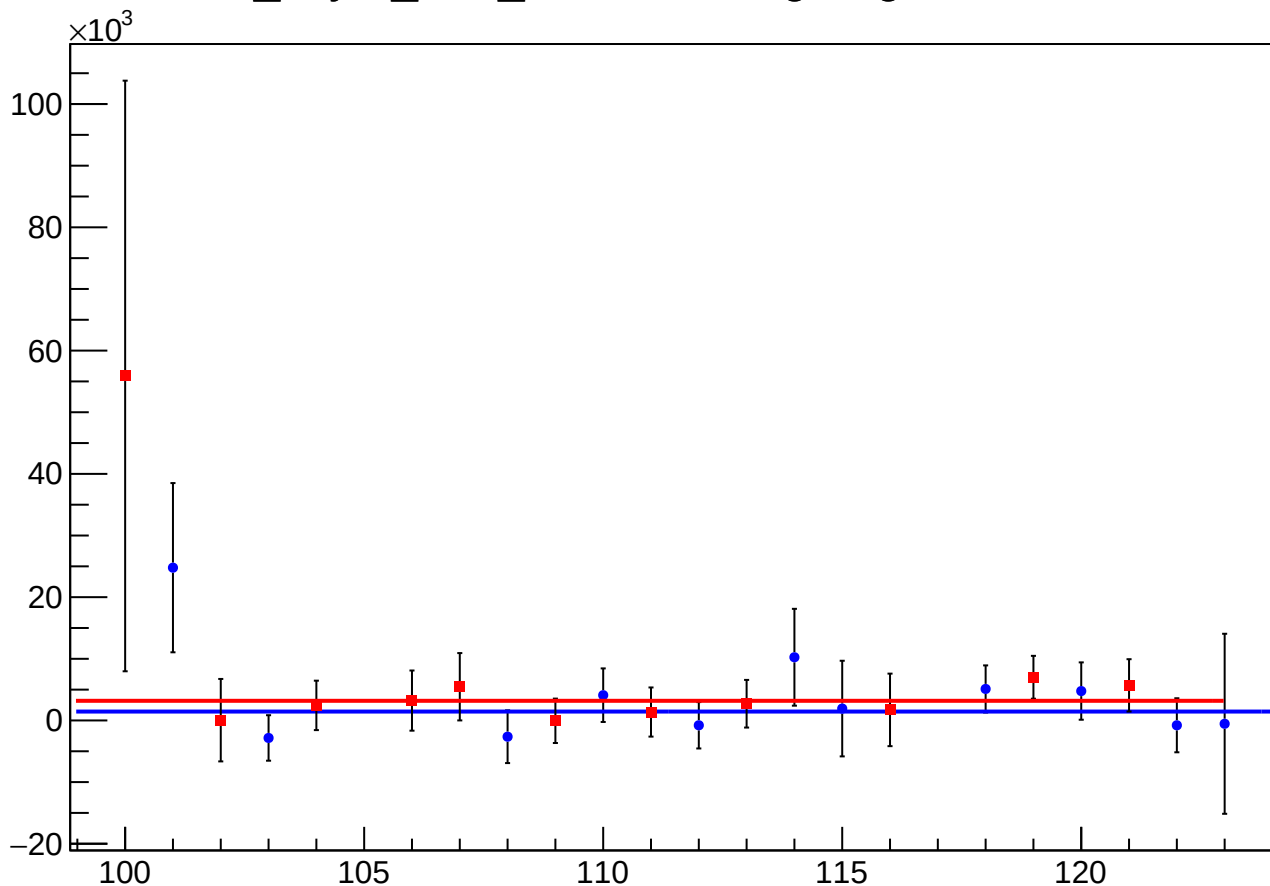
Right: 543.251+/-0.139 χ^2/NDF : 1616171.9/21

In: 559.608+/-0.208 χ^2/NDF : 1020761.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.251+/-0.139 χ^2/NDF : 1616171.9/21

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1442.917+/-1472.366 χ^2/NDF : 8.8/10

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

Right Out: 3186.364+/-1367.666 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

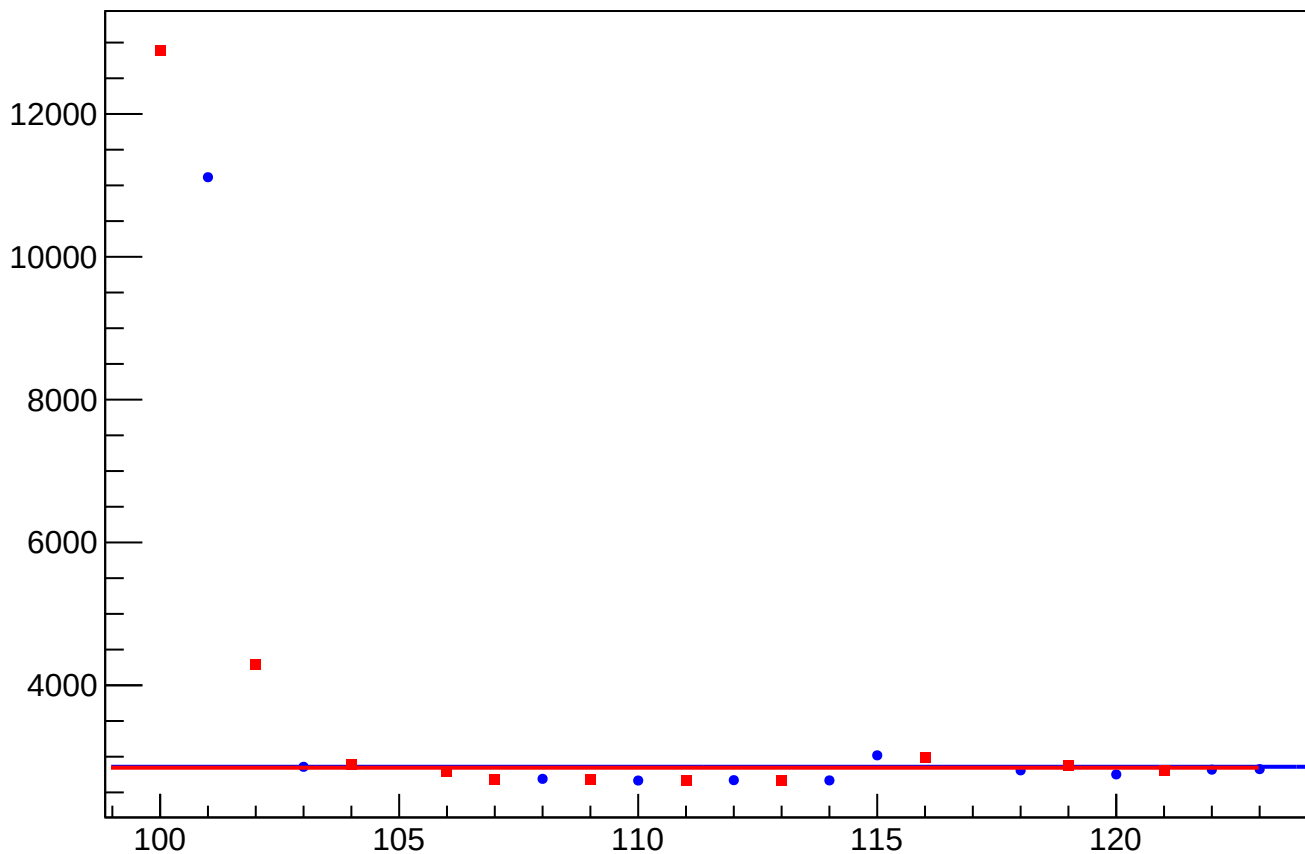
Right: 2378.827+/-1002.058 χ^2/NDF : 13.9/21

In: 1442.917+/-1472.366 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.827+/-1002.058 χ^2/NDF : 13.9/21

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2859.008+/-1.041 χ^2 /NDF: 739003.9/10

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

Right Out: 2845.808+/-0.967 χ^2 /NDF: 198969.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

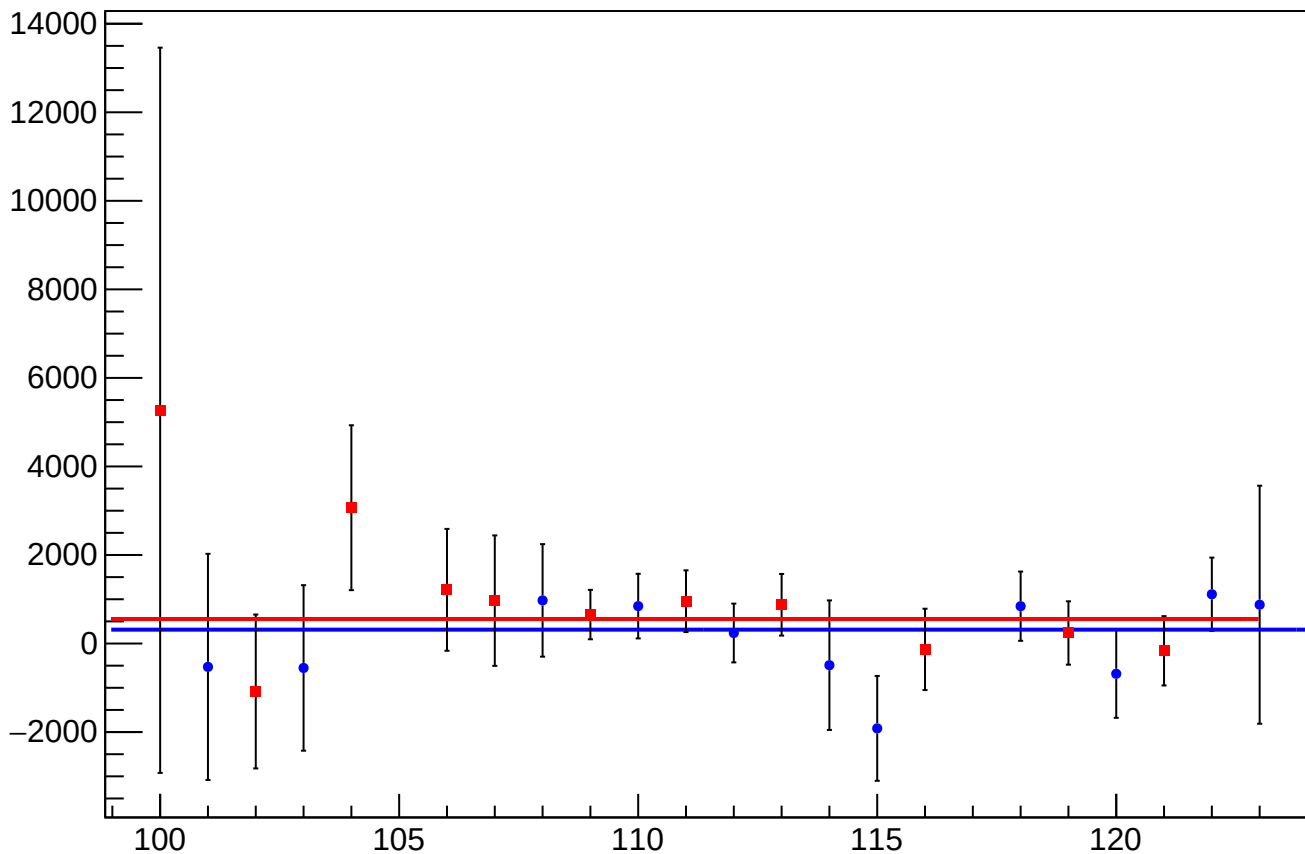
Right: 2851.922+/-0.709 χ^2 /NDF: 938059.4/21

In: 2859.008+/-1.041 χ^2 /NDF:739003.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2851.922+/-0.709 χ^2 /NDF: 938059.4/21

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 313.485+/-306.703 χ^2/NDF : 7.4/10

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

Right Out: 554.061+/-269.866 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

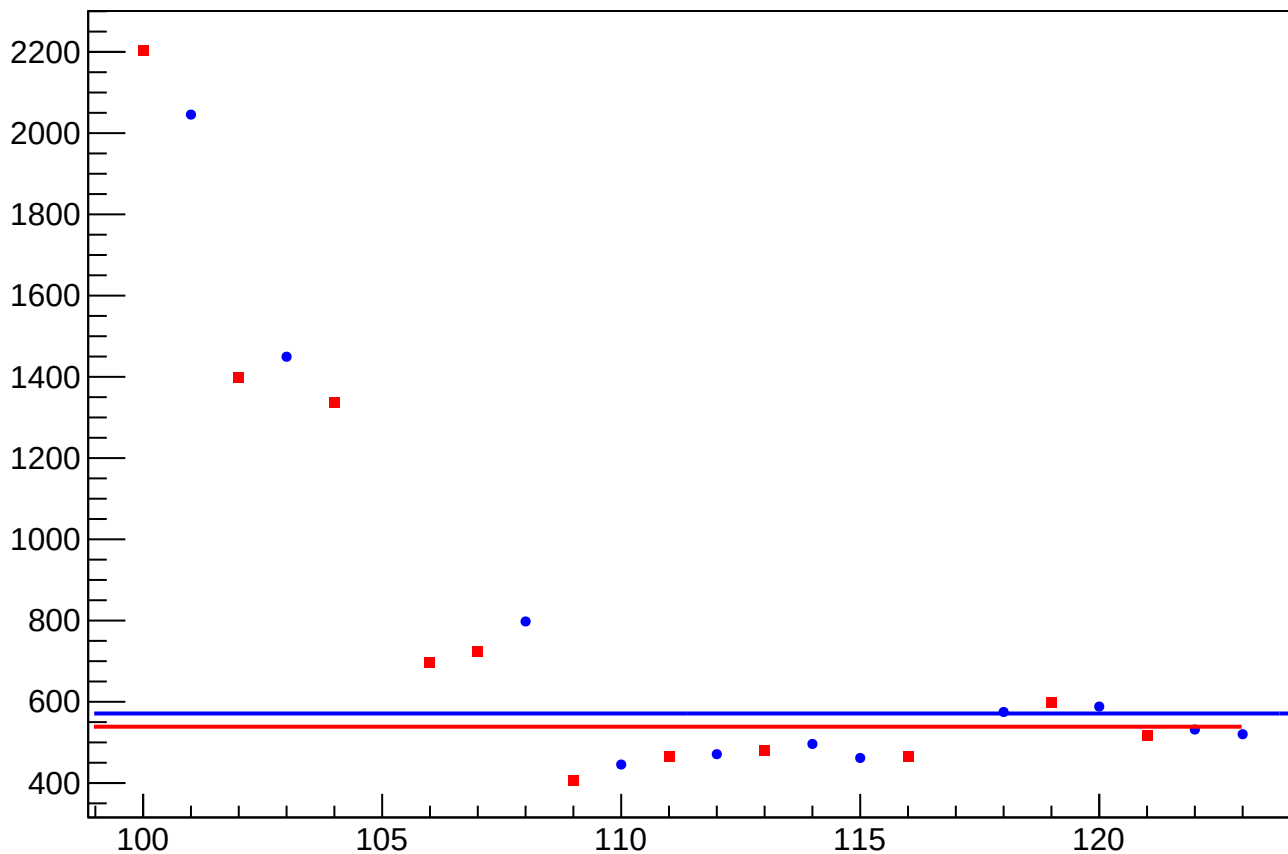
Right: 449.080+/-202.603 χ^2/NDF : 13.3/21

In: 313.485+/-306.703 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.080+/-202.603 χ^2/NDF : 13.3/21

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 571.215+/-0.217 χ^2/NDF : 1304596.2/10

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

Right Out: 538.716+/-0.191 χ^2/NDF : 1173614.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

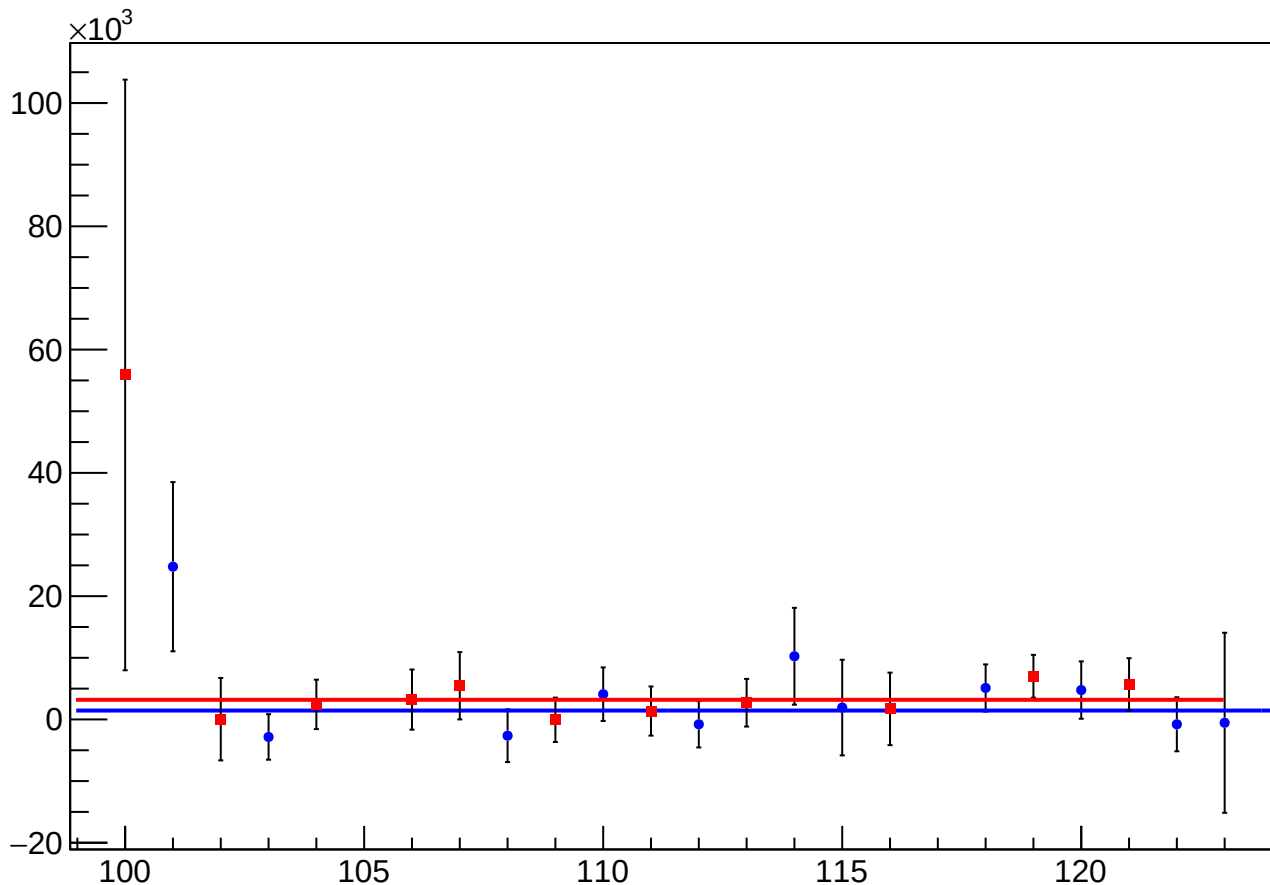
Right: 552.898+/-0.143 χ^2/NDF : 2490867.7/21

In: 571.215+/-0.217 χ^2/NDF : 1304596.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.898+/-0.143 χ^2/NDF : 2490867.7/21

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1442.916+/-1472.366 χ^2/NDF : 8.8/10

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

Right Out: 3186.362+/-1367.666 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

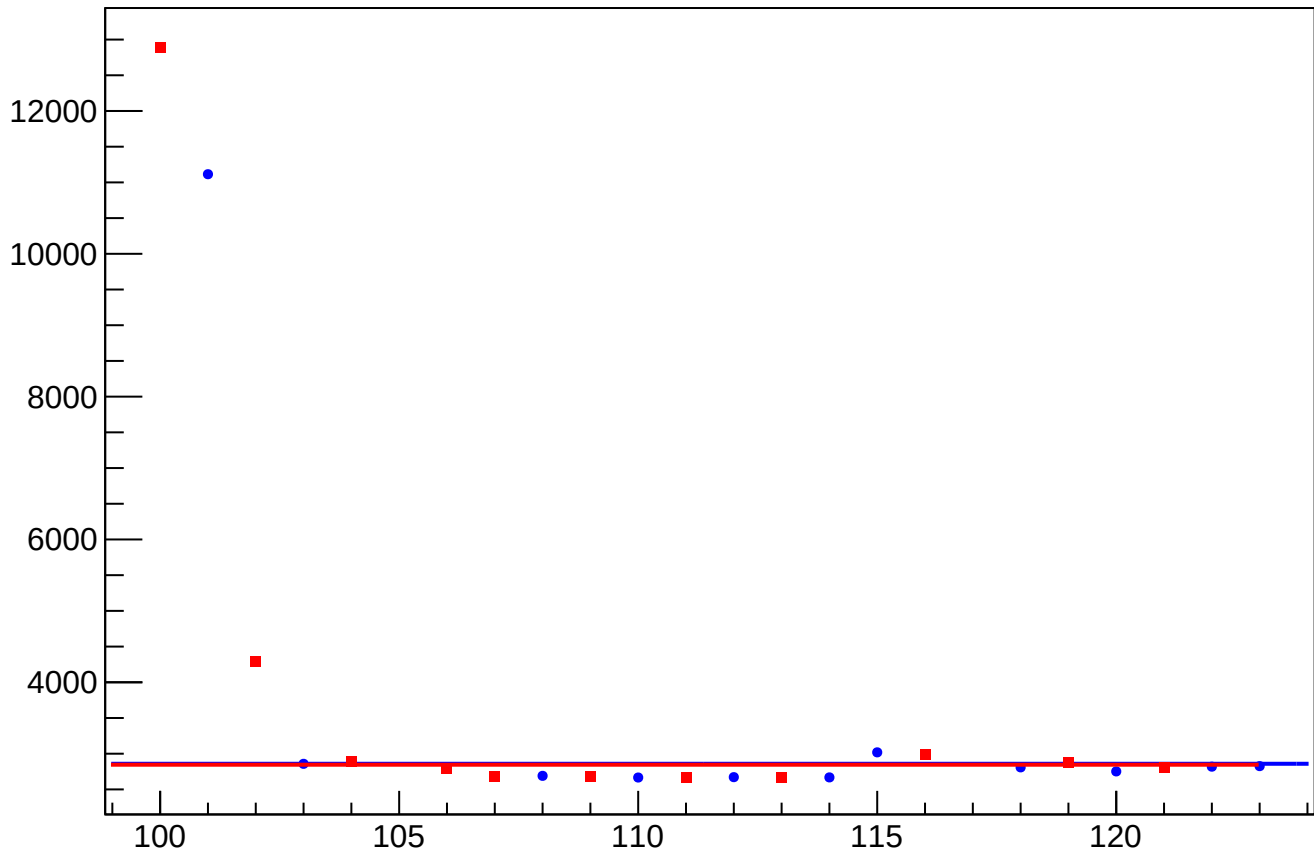
Right: 2378.825+/-1002.058 χ^2/NDF : 13.9/21

In: 1442.916+/-1472.366 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.825+/-1002.058 χ^2/NDF : 13.9/21

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2859.008+/-1.041 χ^2 /NDF: 739003.9/10

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

Right Out: 2845.808+/-0.967 χ^2 /NDF: 198969.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

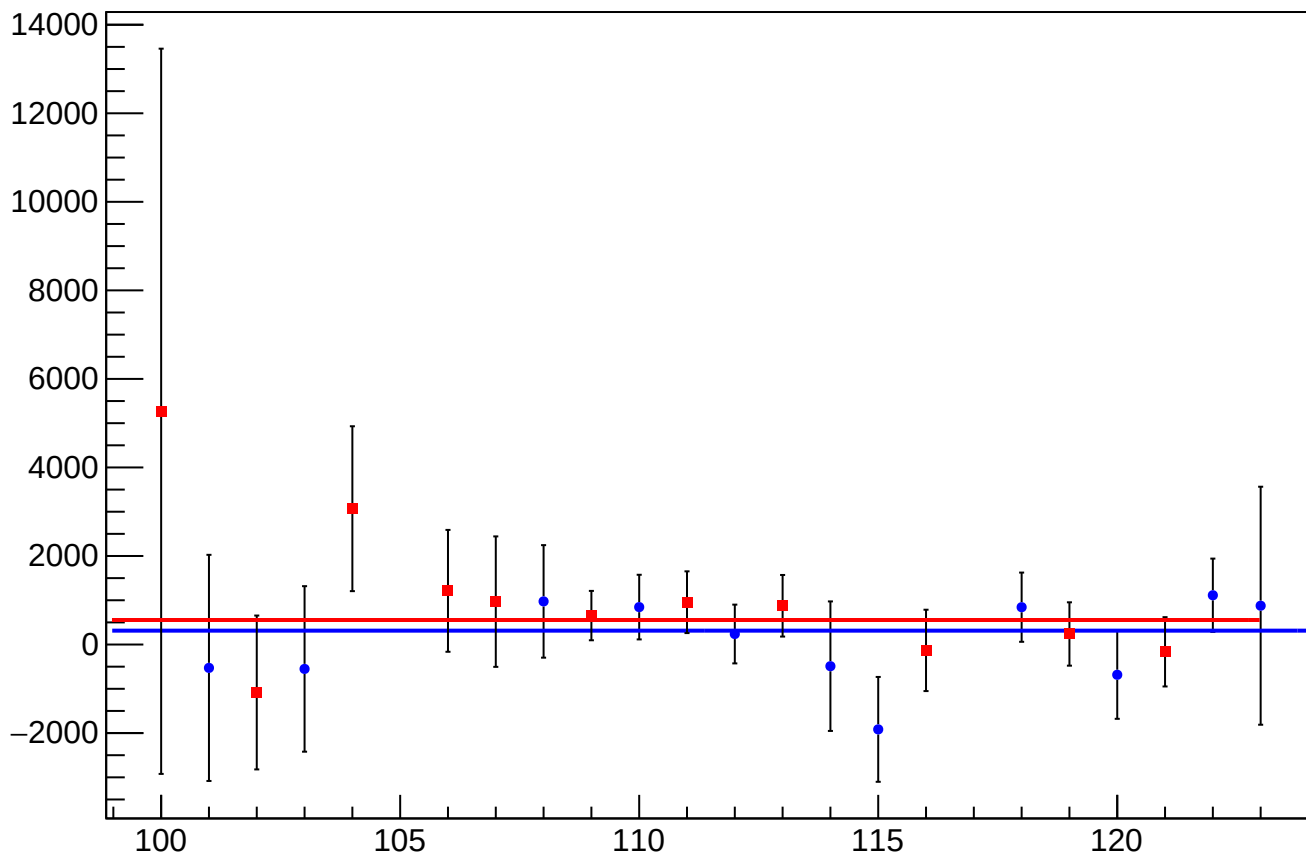
Right: 2851.922+/-0.709 χ^2 /NDF: 938059.2/21

In: 2859.008+/-1.041 χ^2 /NDF:739003.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2851.922+/-0.709 χ^2 /NDF: 938059.2/21

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 313.485+/-306.703 χ^2/NDF : 7.4/10

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

Right Out: 554.061+/-269.866 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

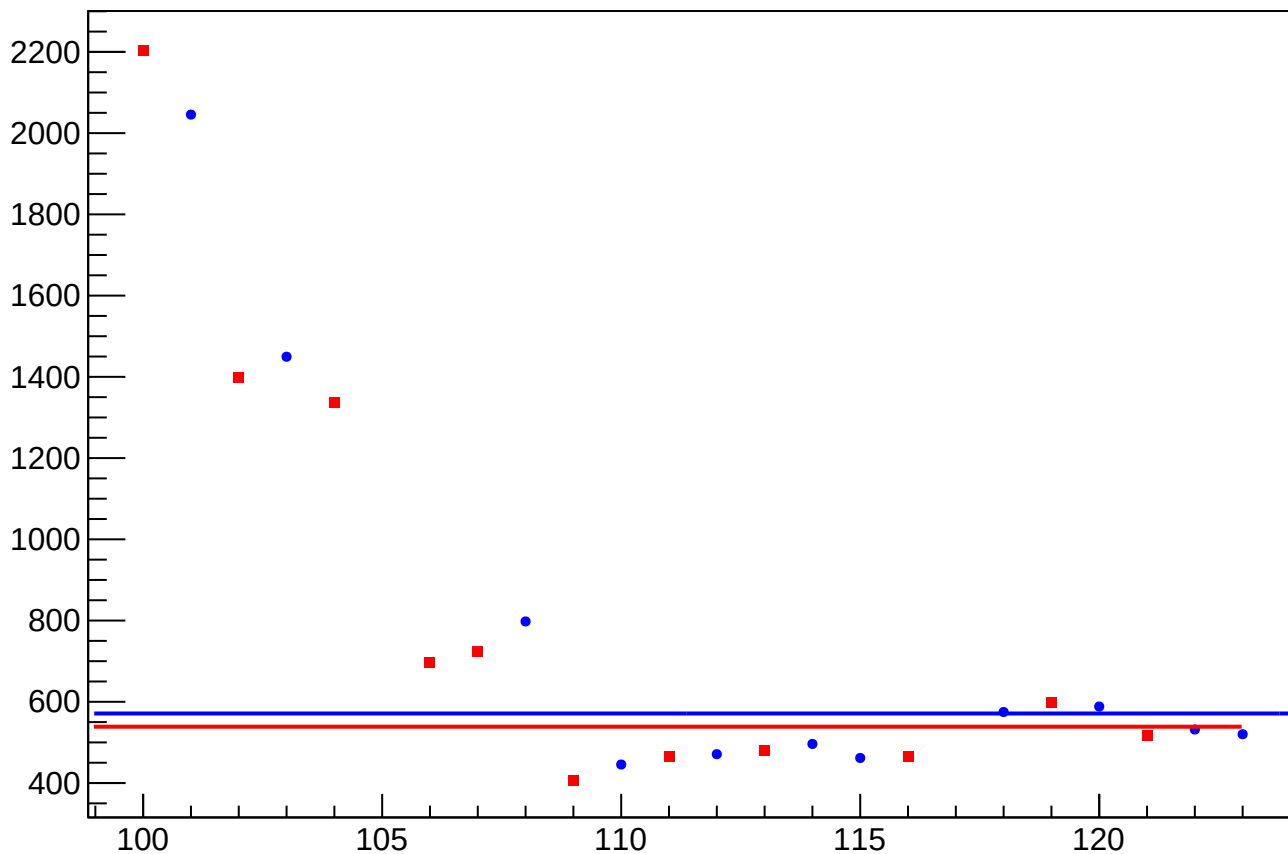
Right: 449.081+/-202.603 χ^2/NDF : 13.3/21

In: 313.485+/-306.703 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.081+/-202.603 χ^2/NDF : 13.3/21

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 571.216+/-0.217 χ^2/NDF : 1304589.6/10

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

Right Out: 538.716+/-0.191 χ^2/NDF : 1173610.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

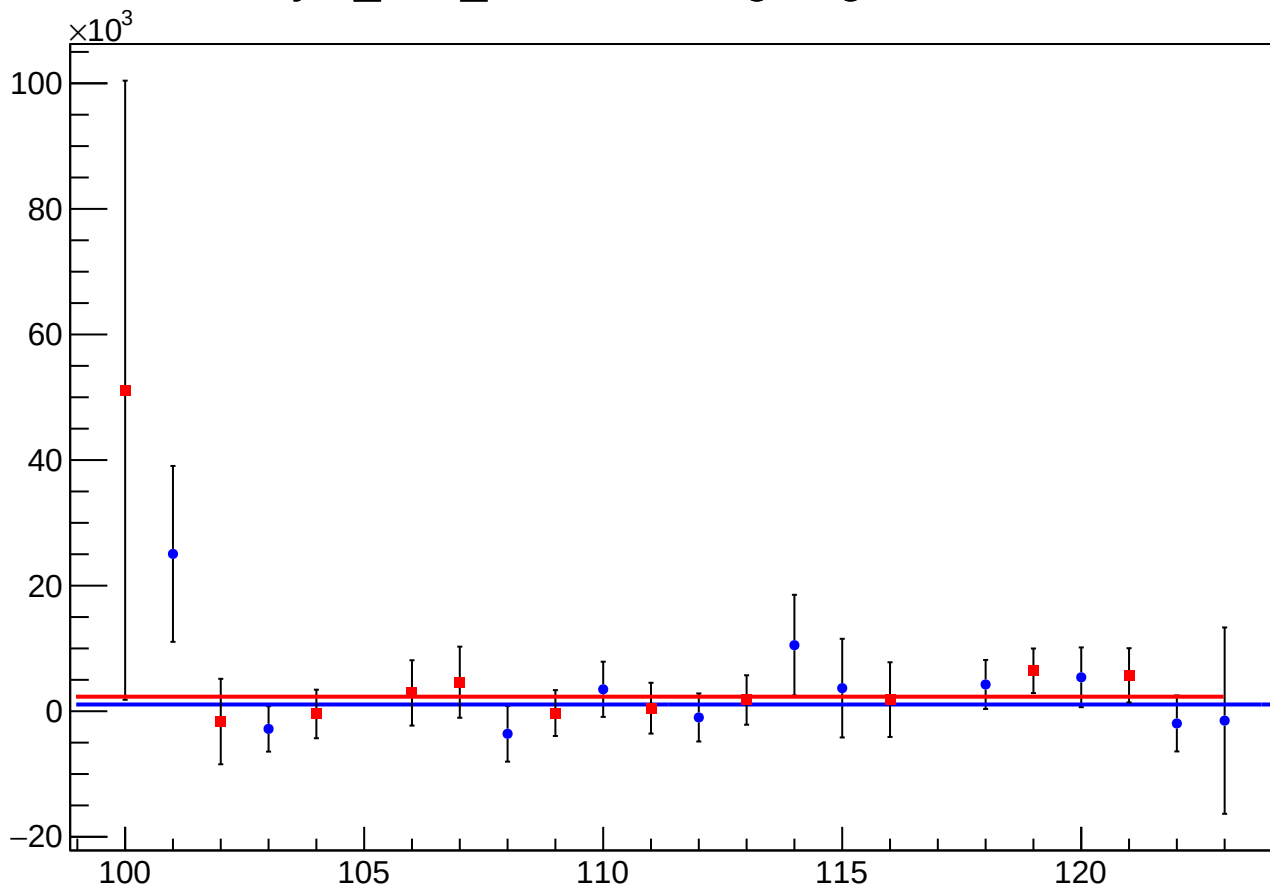
Right: 552.898+/-0.143 χ^2/NDF : 2490857.4/21

In: 571.216+/-0.217 χ^2/NDF : 1304589.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.898+/-0.143 χ^2/NDF : 2490857.4/21

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1072.818+/-1492.627 χ^2/NDF : 9.3/10

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

Right Out: 2316.680+/-1388.252 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

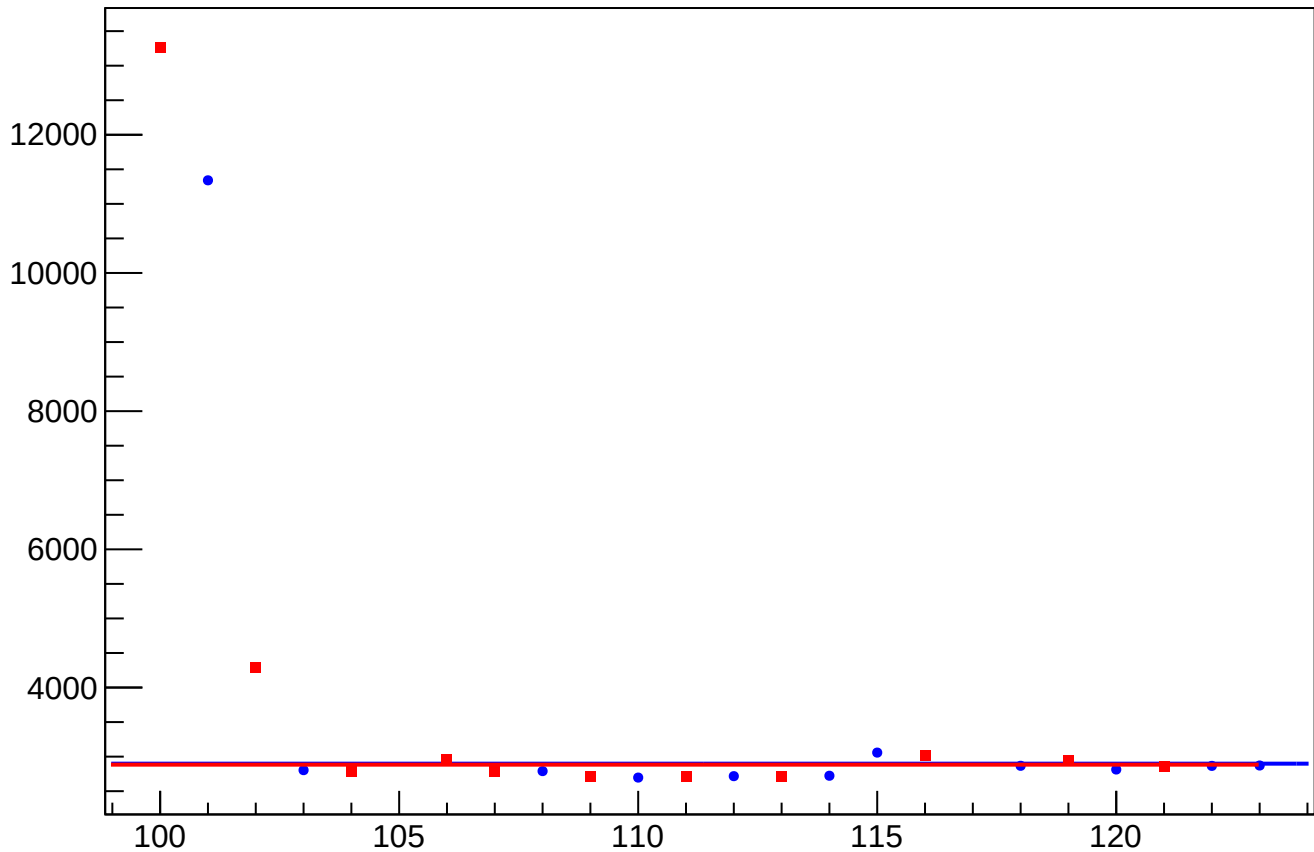
Right: 1739.755+/-1016.541 χ^2/NDF : 14.4/21

In: 1072.818+/-1492.627 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.755+/-1016.541 χ^2/NDF : 14.4/21

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2898.209+/-1.055 χ^2/NDF : 740597.9/10

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

Right Out: 2883.924+/-0.982 χ^2/NDF : 190780.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

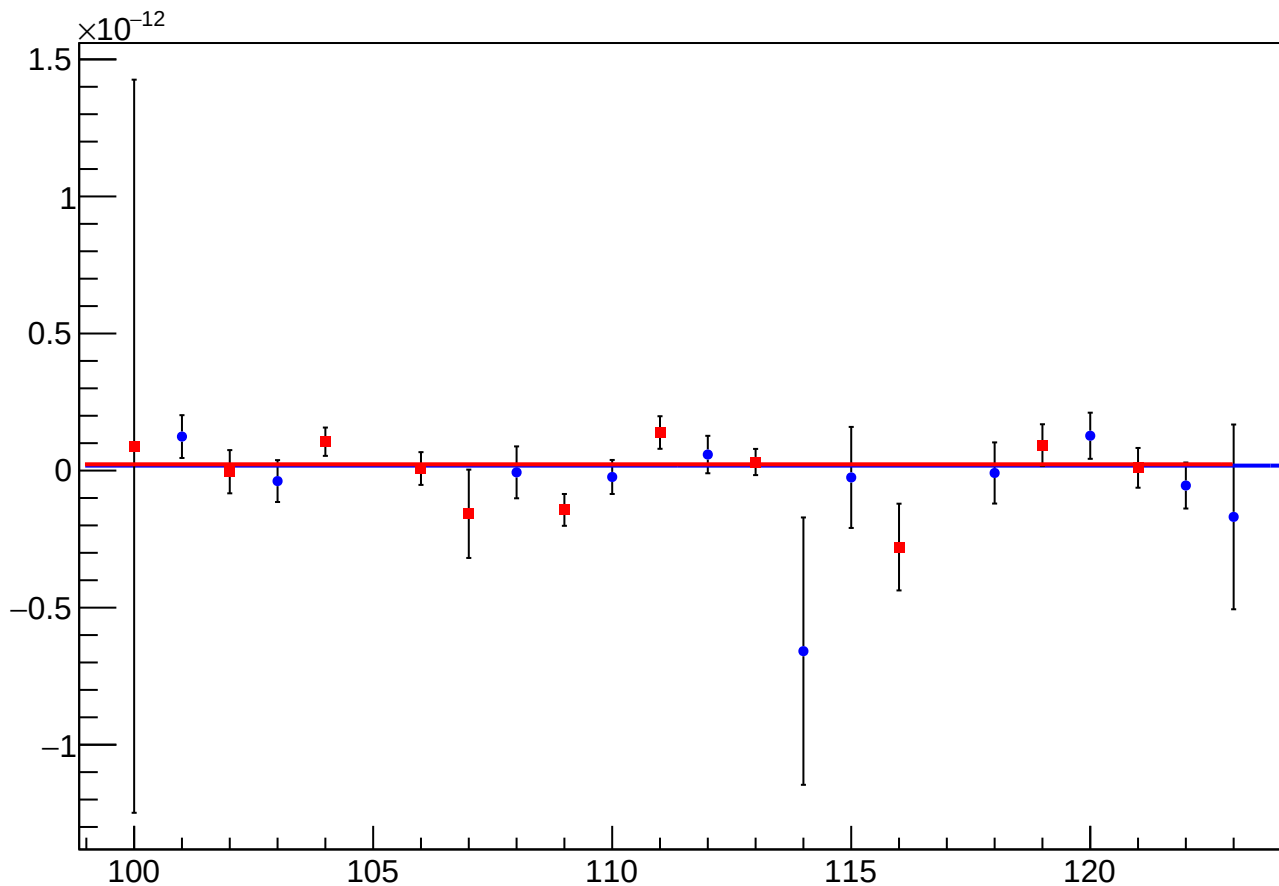
Right: 2890.550+/-0.719 χ^2/NDF : 931476.7/21

In: 2898.209+/-1.055 χ^2/NDF : 740597.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2890.550+/-0.719 χ^2/NDF : 931476.7/21

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/10

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

Right Out: 0.000+/-0.000 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

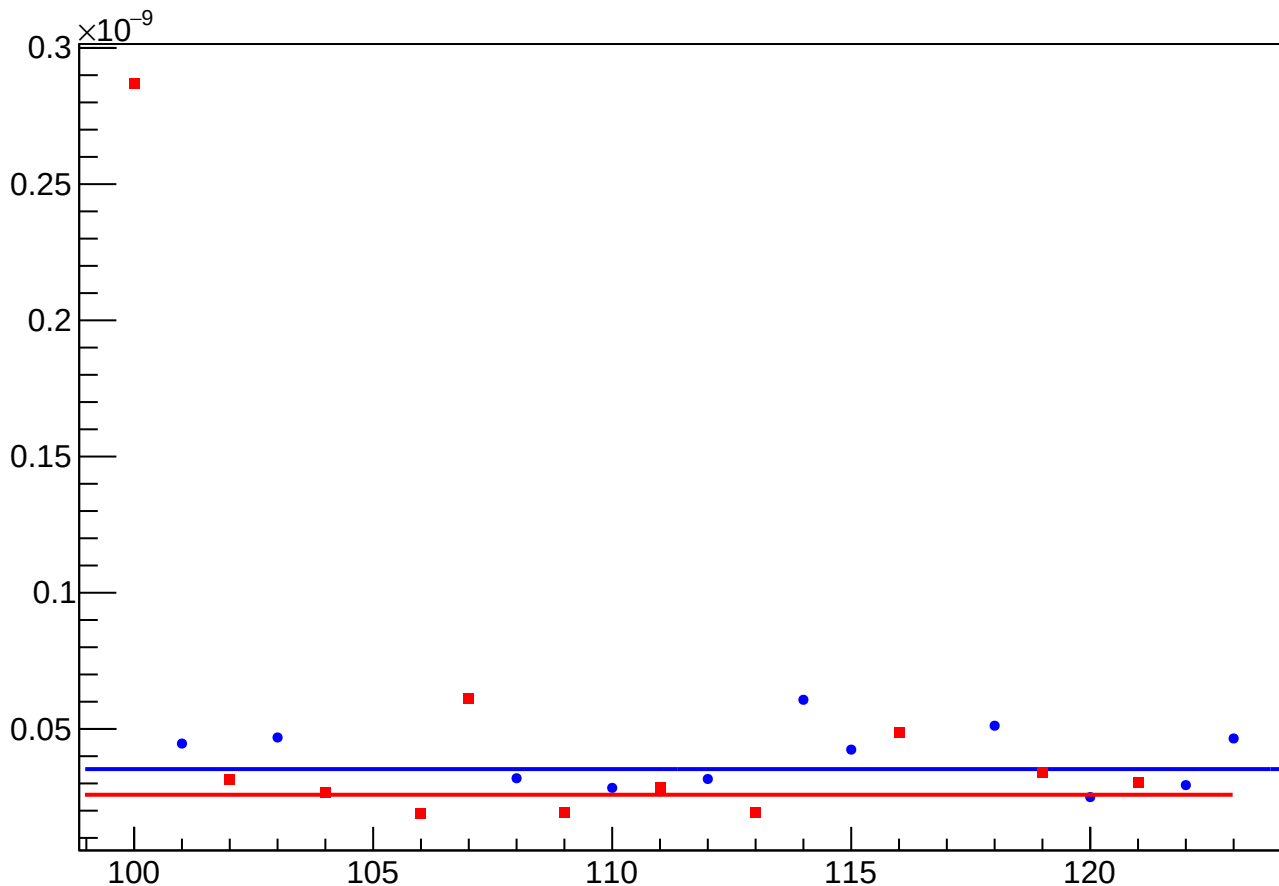
Right: 0.000+/-0.000 χ^2/NDF : 28.6/21

In: 0.000+/-0.000 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.6/21

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 198876.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 348397.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

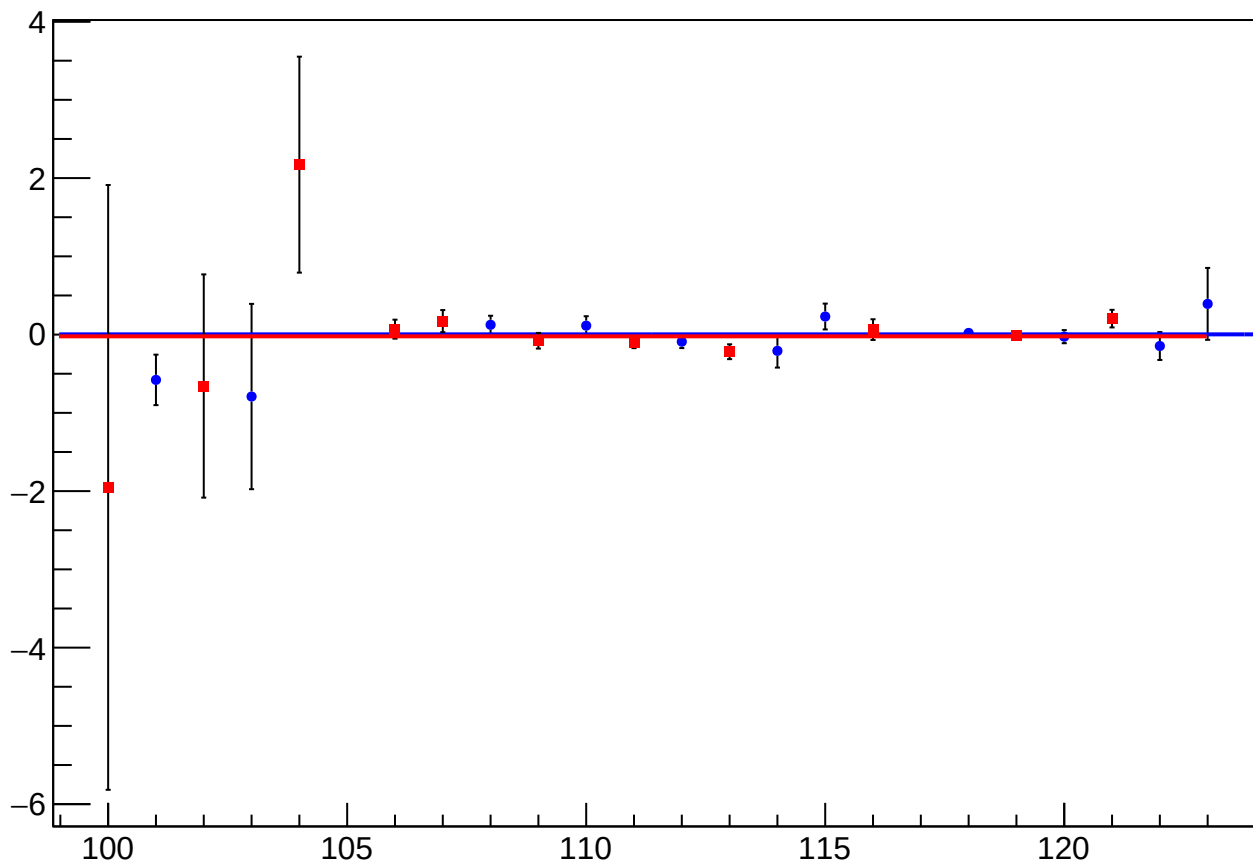
Right: 0.000+/-0.000 χ^2/NDF : 695985.5/21

In: 0.000+/-0.000 χ^2/NDF : 198876.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 695985.5/21

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.033 χ^2/NDF : 11.5/10

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

Right Out: -0.022+/-0.033 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

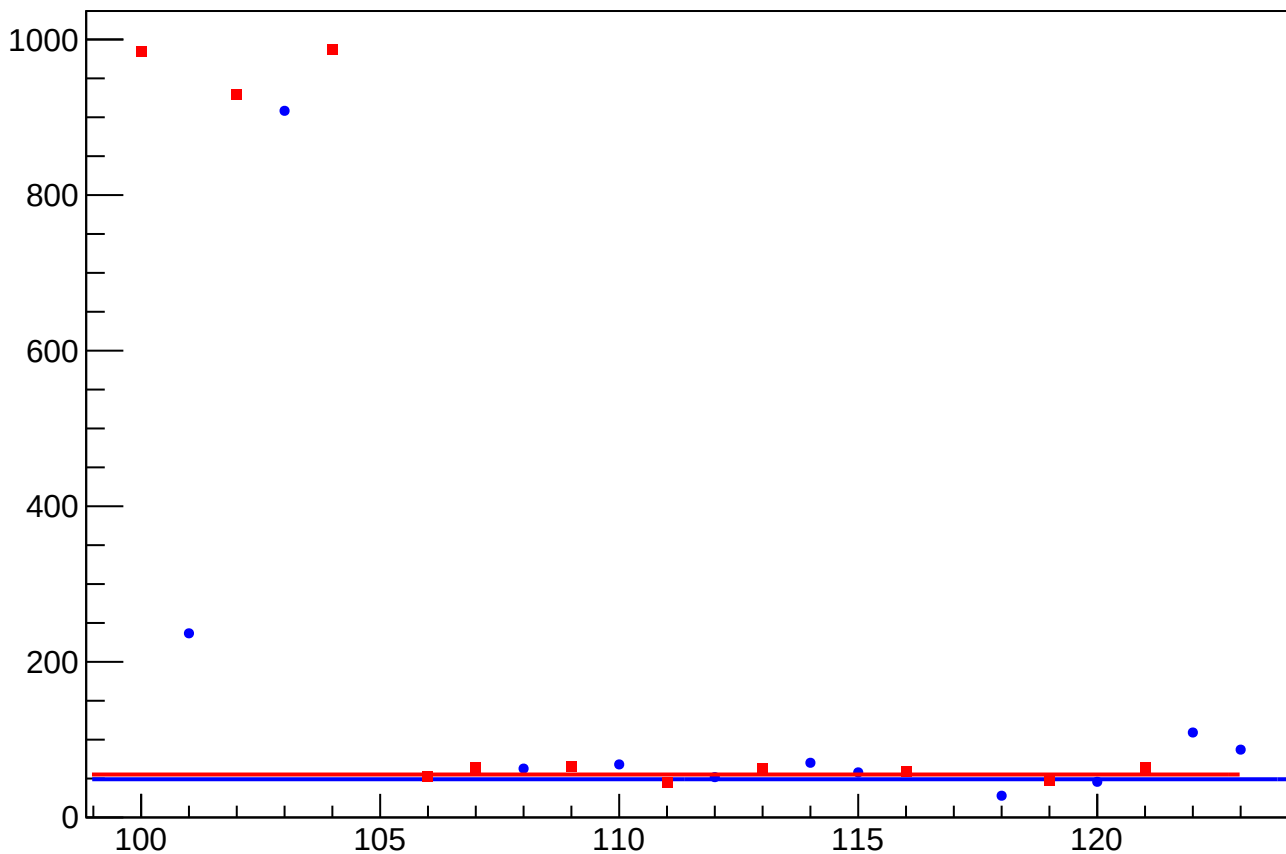
Right: -0.010+/-0.024 χ^2/NDF : 27.5/21

In: 0.003+/-0.033 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.024 χ^2/NDF : 27.5/21

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.105+/-0.024 χ^2/NDF : 2398494.8/10

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

Right Out: 55.205+/-0.023 χ^2/NDF : 1919817.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

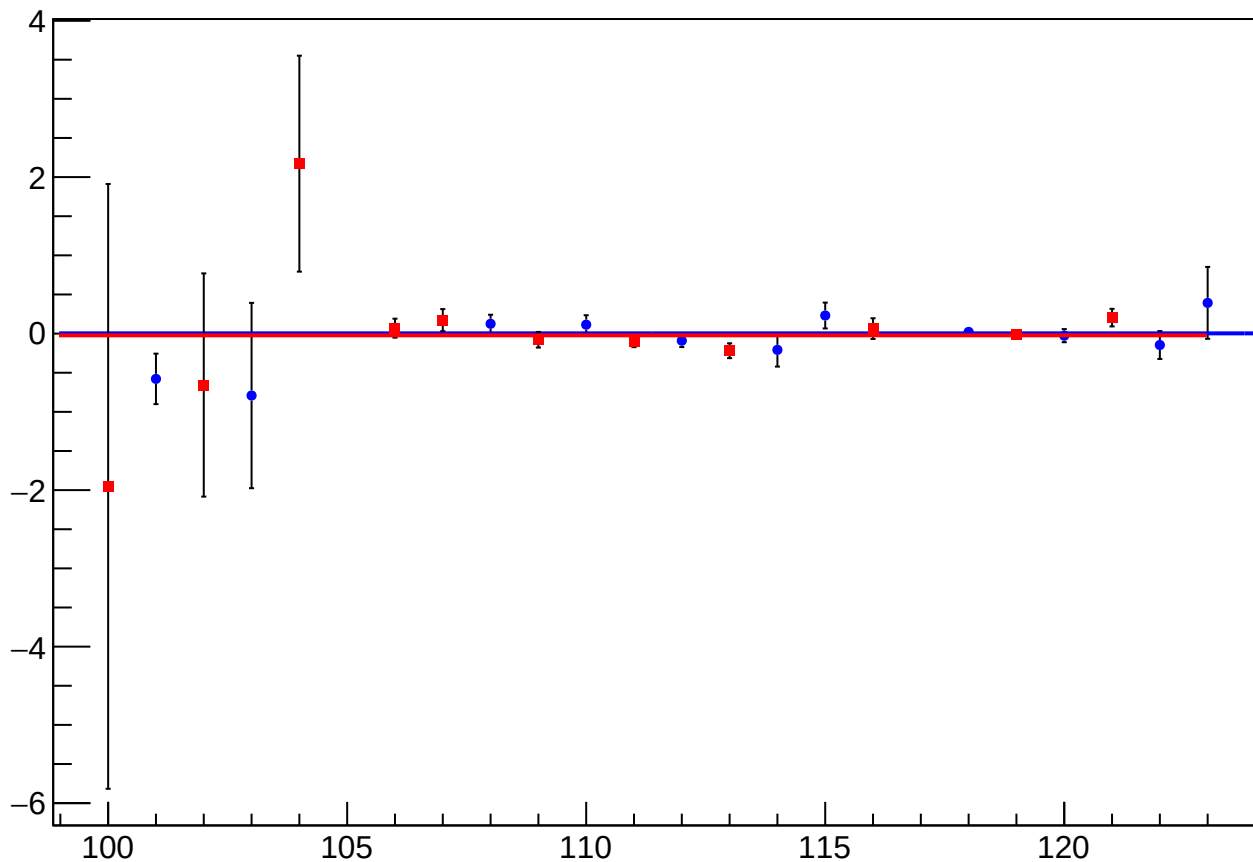
Right: 52.171+/-0.017 χ^2/NDF : 4351837.0/21

In: 49.105+/-0.024 χ^2/NDF : 2398494.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.171+/-0.017 χ^2/NDF : 4351837.0/21

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.033 χ^2/NDF : 11.5/10

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

Right Out: -0.022+/-0.033 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

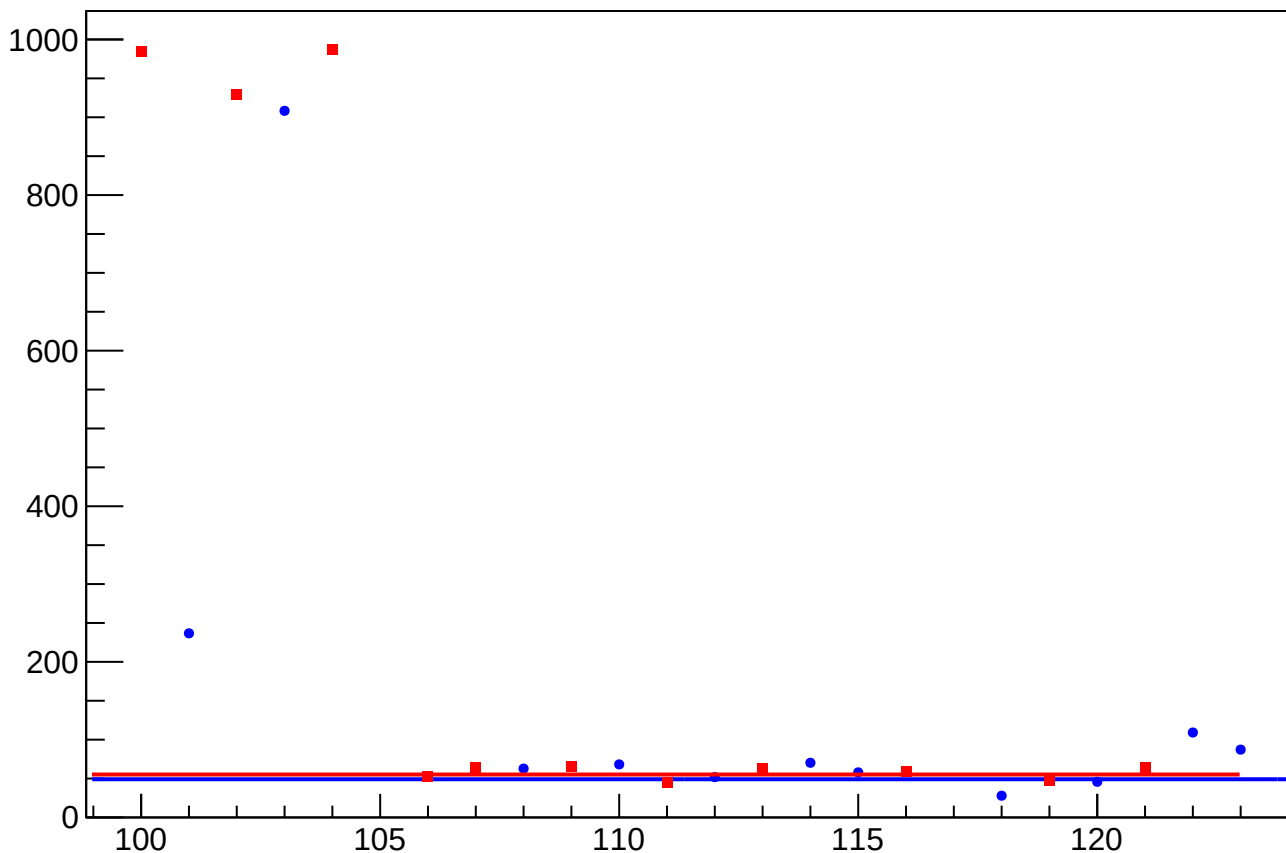
Right: -0.010+/-0.024 χ^2/NDF : 27.5/21

In: 0.003+/-0.033 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.024 χ^2/NDF : 27.5/21

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.105+/-0.024 χ^2/NDF : 2398494.8/10

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

Right Out: 55.205+/-0.023 χ^2/NDF : 1919817.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

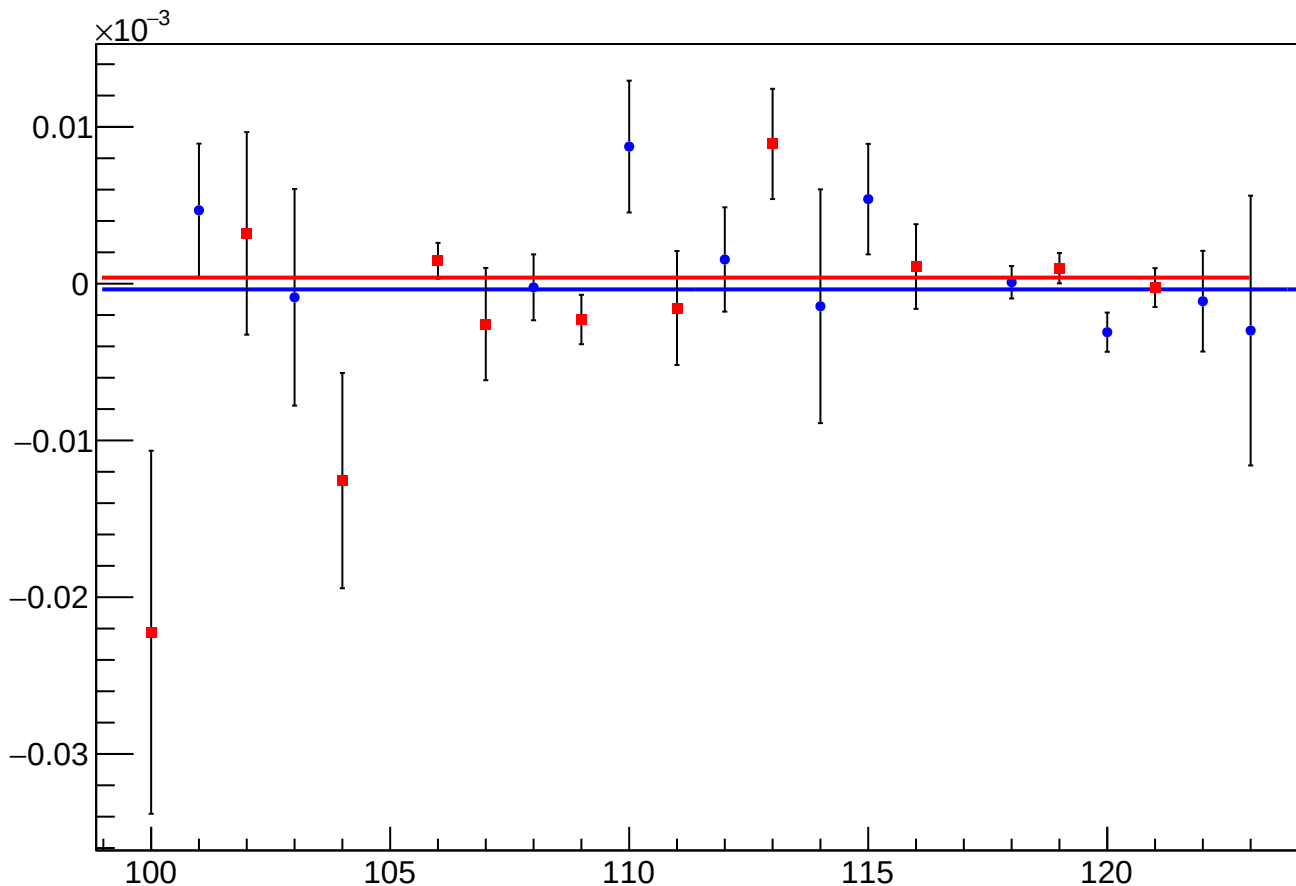
Right: 52.171+/-0.017 χ^2/NDF : 4351837.0/21

In: 49.105+/-0.024 χ^2/NDF :2398494.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.171+/-0.017 χ^2/NDF : 4351837.0/21

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.2/10

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

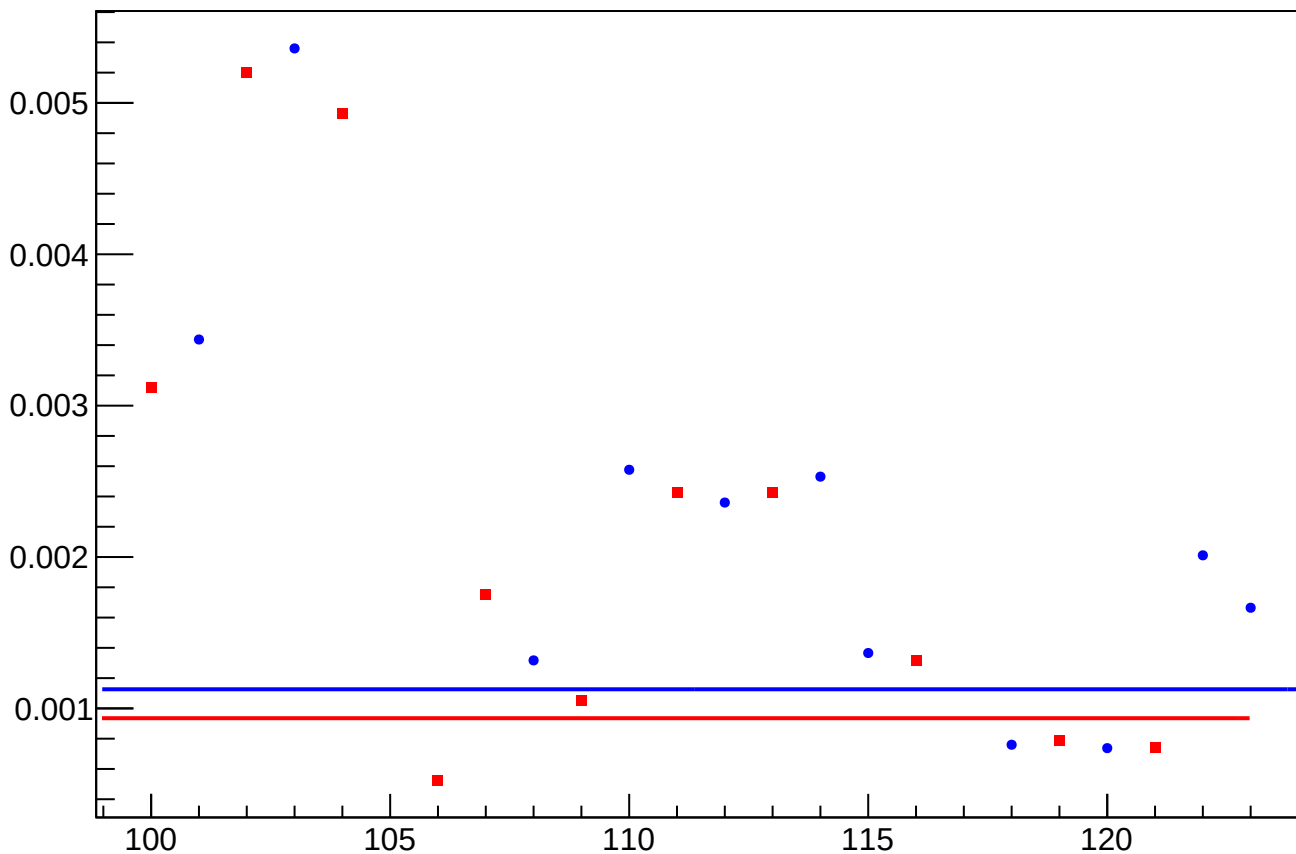
Right: 0.000+/-0.000 χ^2 /NDF: 33.9/21

In: -0.000+/-0.000 χ^2 /NDF:14.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 33.9/21

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2555782.3/10

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2827461.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

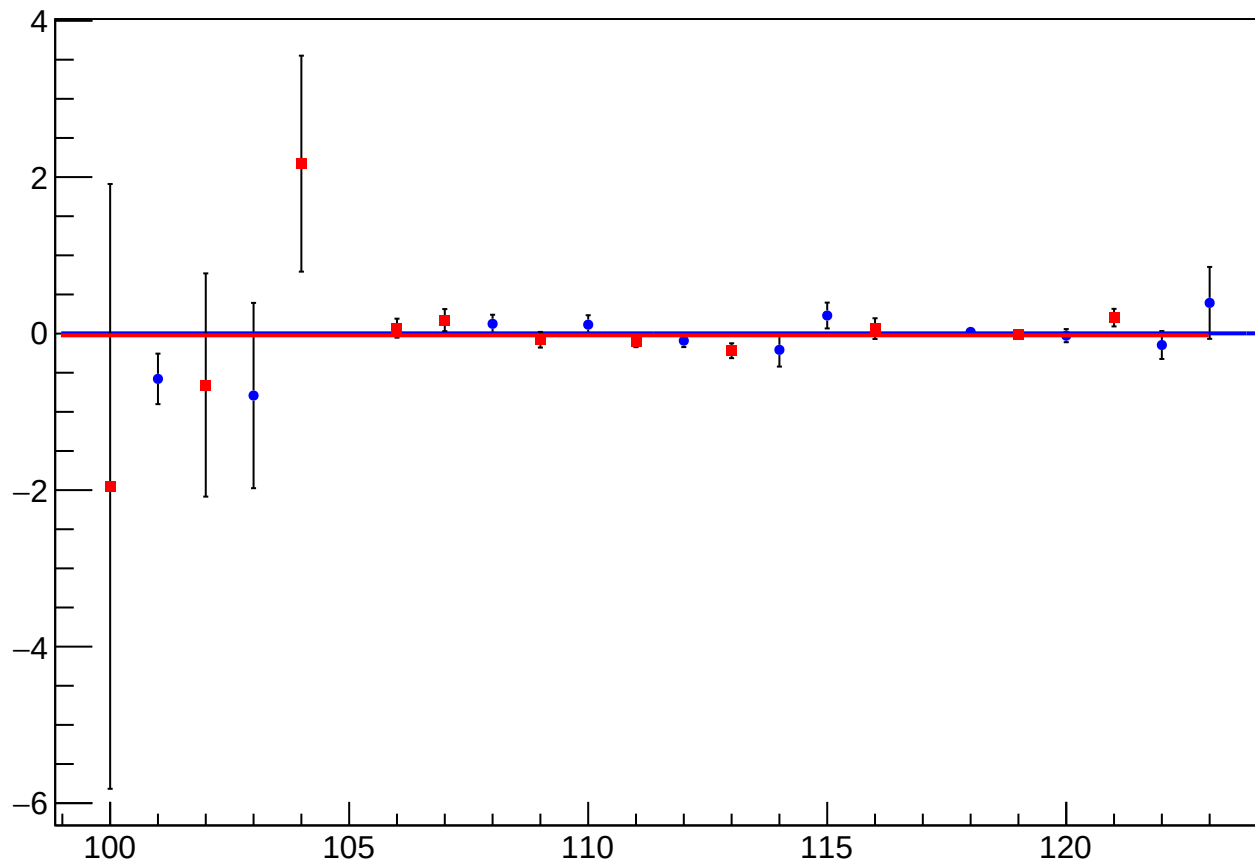
Right: 0.001+/-0.000 χ^2/NDF : 5480585.9/21

In: 0.001+/-0.000 χ^2/NDF :2555782.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5480585.9/21

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.033 χ^2/NDF : 11.5/10

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

Right Out: -0.022+/-0.033 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

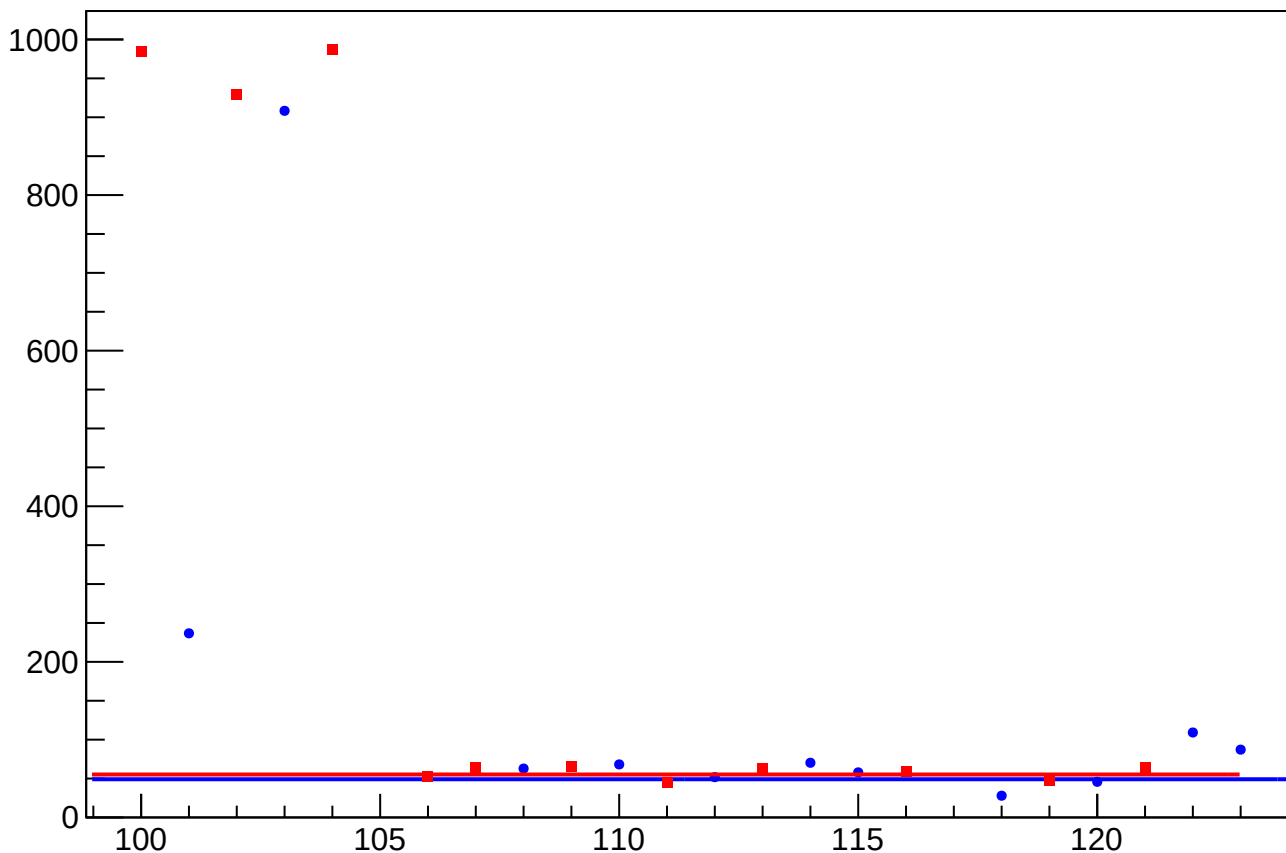
Right: -0.010+/-0.024 χ^2/NDF : 27.5/21

In: 0.003+/-0.033 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.024 χ^2/NDF : 27.5/21

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.104+/-0.024 χ^2/NDF : 2398545.0/10

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

Right Out: 55.205+/-0.023 χ^2/NDF : 1919816.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

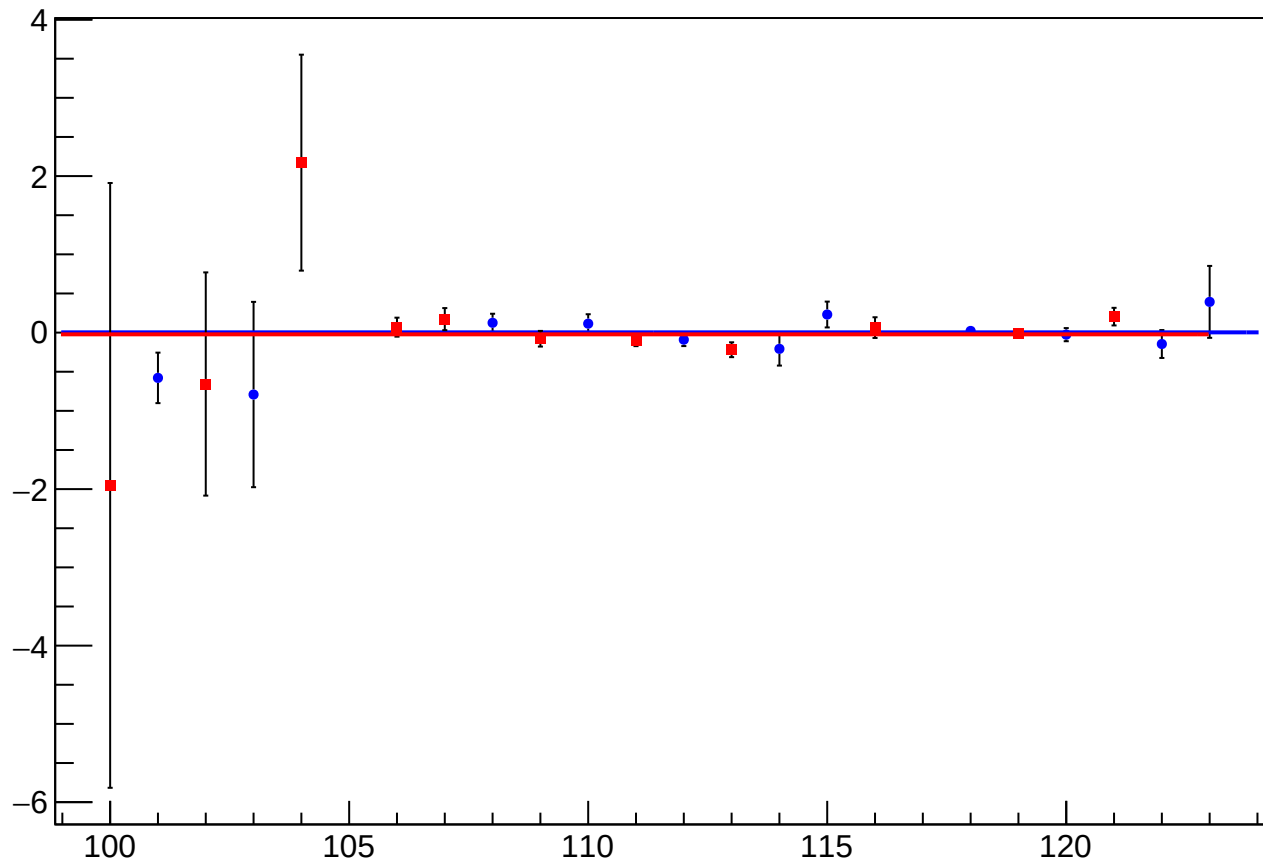
Right: 52.171+/-0.017 χ^2/NDF : 4351895.8/21

In: 49.104+/-0.024 χ^2/NDF :2398545.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.171+/-0.017 χ^2/NDF : 4351895.8/21

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.033 χ^2/NDF : 11.5/10

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

Right Out: -0.022+/-0.033 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

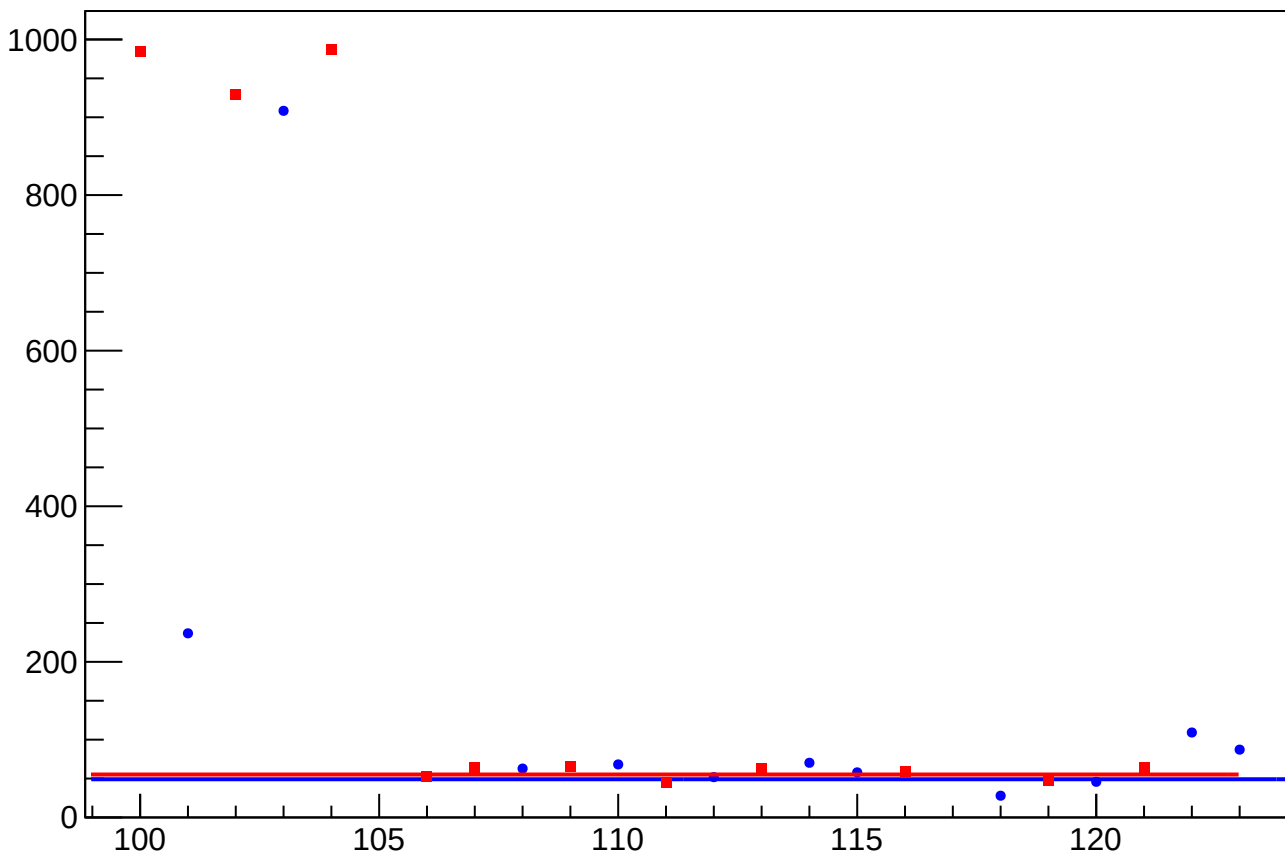
Right: -0.010+/-0.024 χ^2/NDF : 27.5/21

In: 0.003+/-0.033 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.024 χ^2/NDF : 27.5/21

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.104+/-0.024 χ^2/NDF : 2398545.0/10

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

Right Out: 55.205+/-0.023 χ^2/NDF : 1919816.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

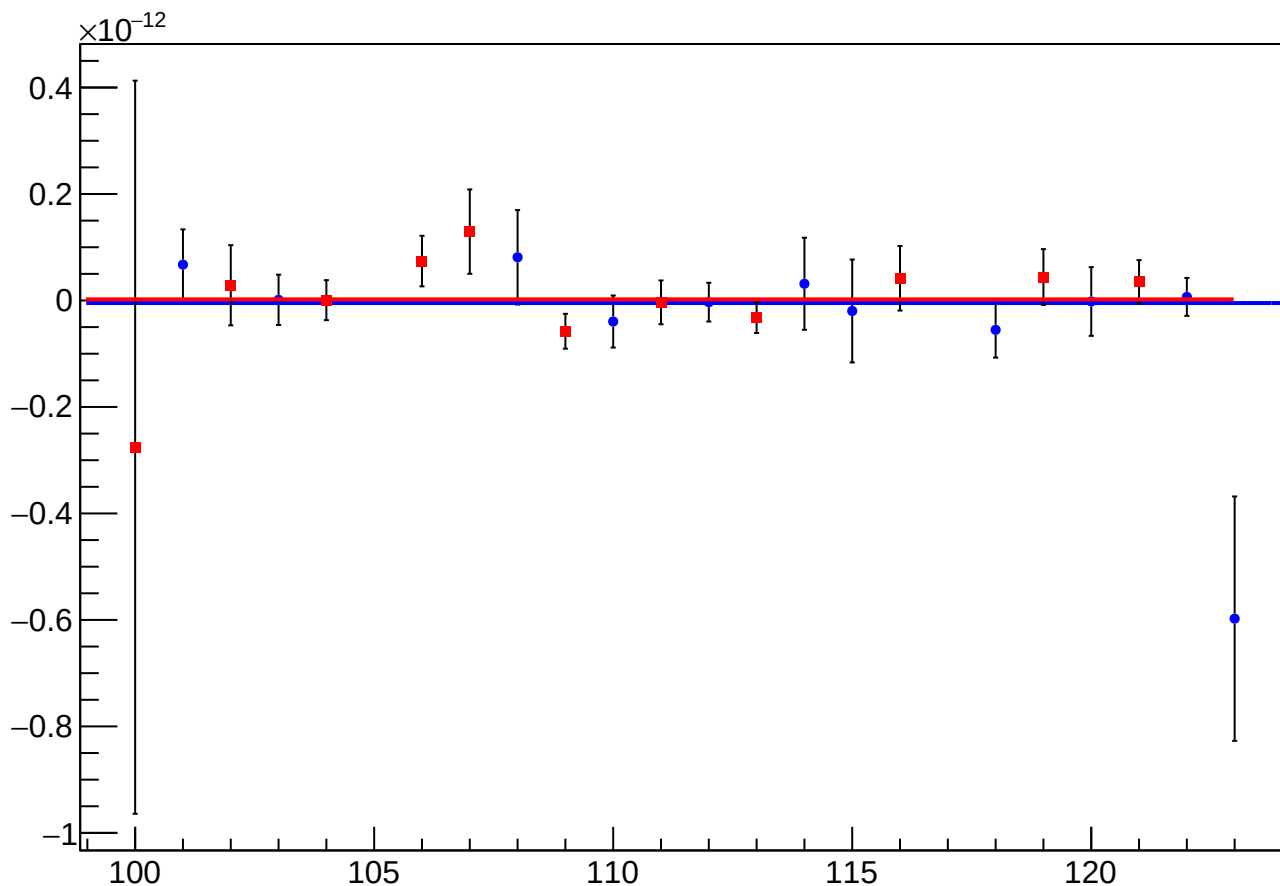
Right: 52.171+/-0.017 χ^2/NDF : 4351895.8/21

In: 49.104+/-0.024 χ^2/NDF : 2398545.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.171+/-0.017 χ^2/NDF : 4351895.8/21

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/10

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

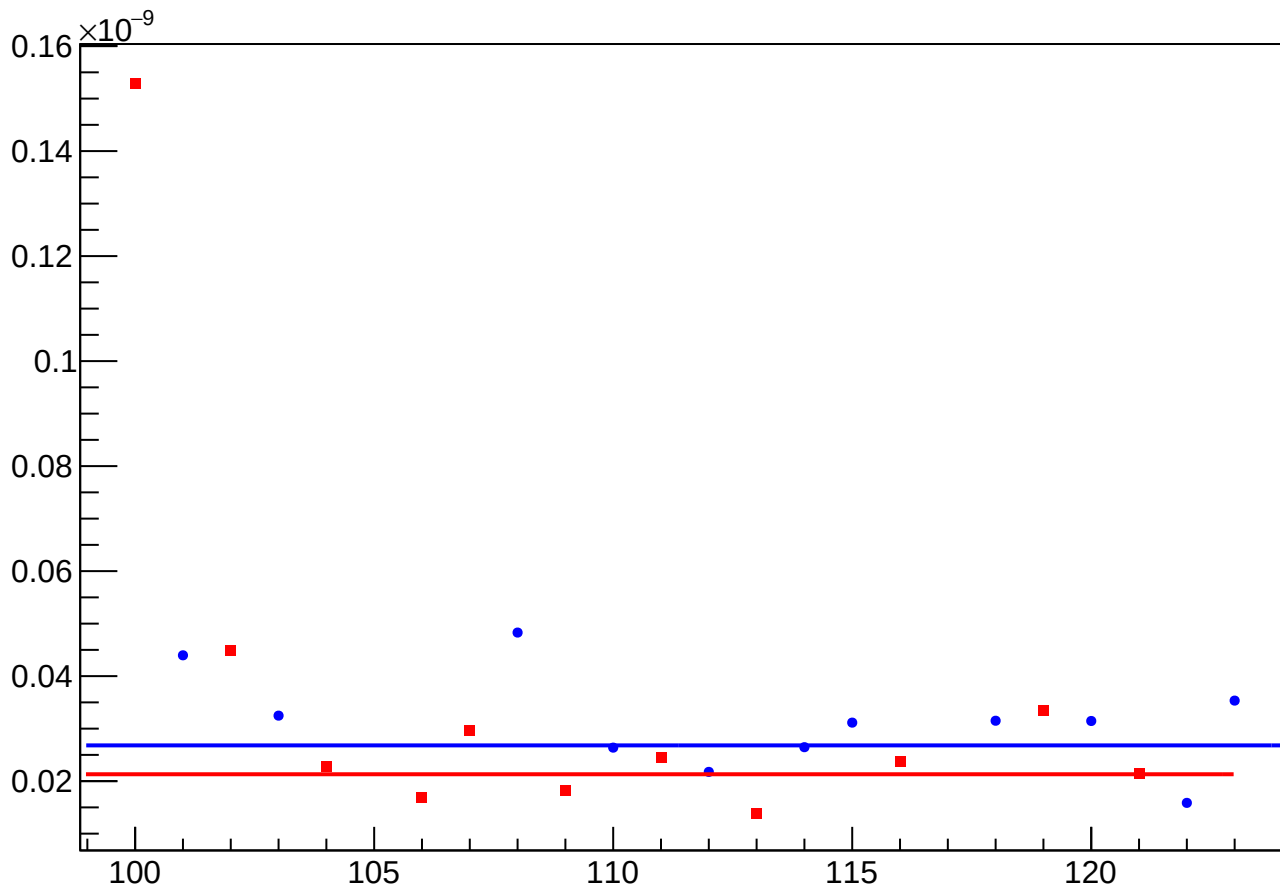
Right: -0.000+/-0.000 χ^2/NDF : 22.3/21

In: -0.000+/-0.000 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/21

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 540732.5/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 589637.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

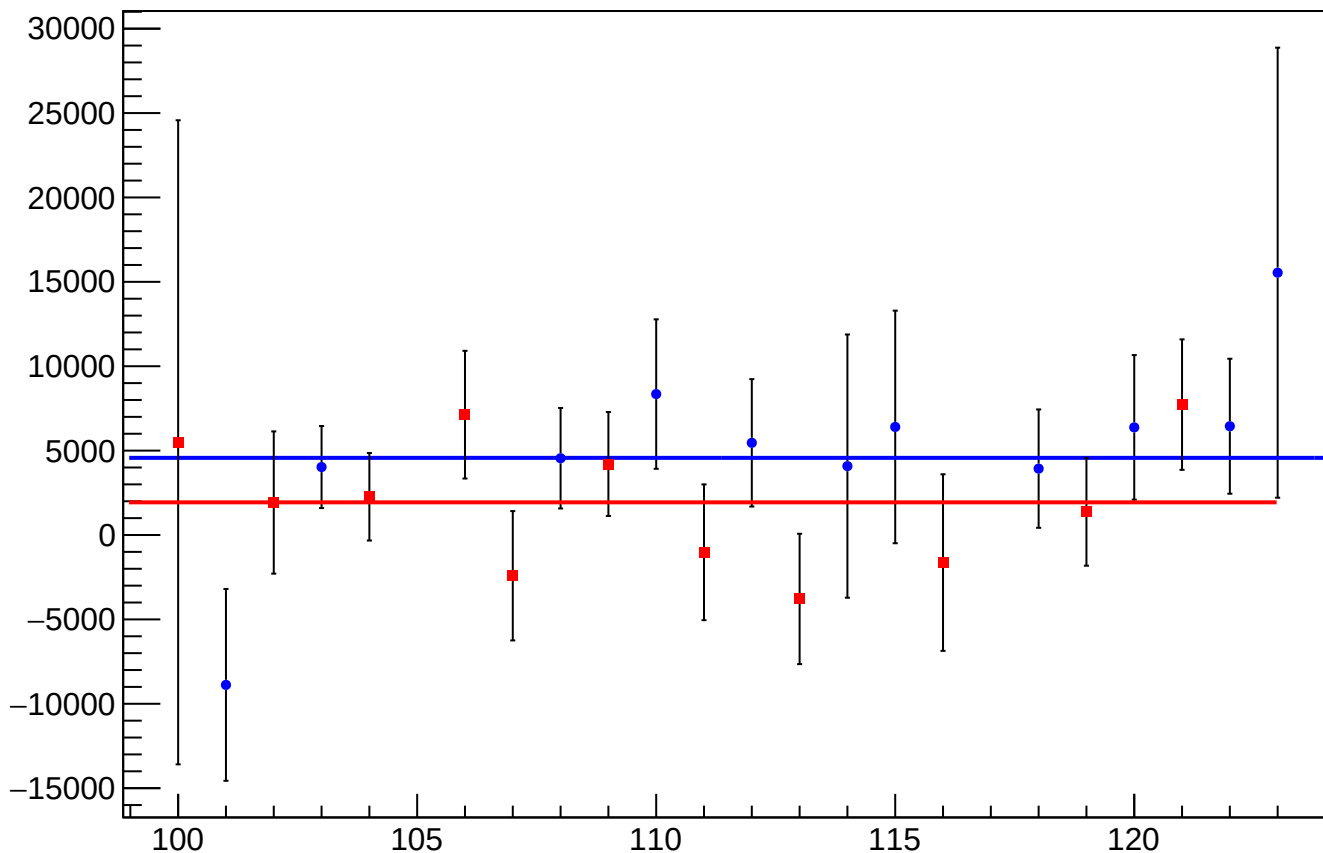
Right: 0.000+/-0.000 χ^2/NDF : 1262141.4/21

In: 0.000+/-0.000 χ^2/NDF : 540732.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1262141.4/21

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4571.399+/-1216.495 χ^2/NDF : 7.6/10

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

Right Out: 1935.629+/-1130.884 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

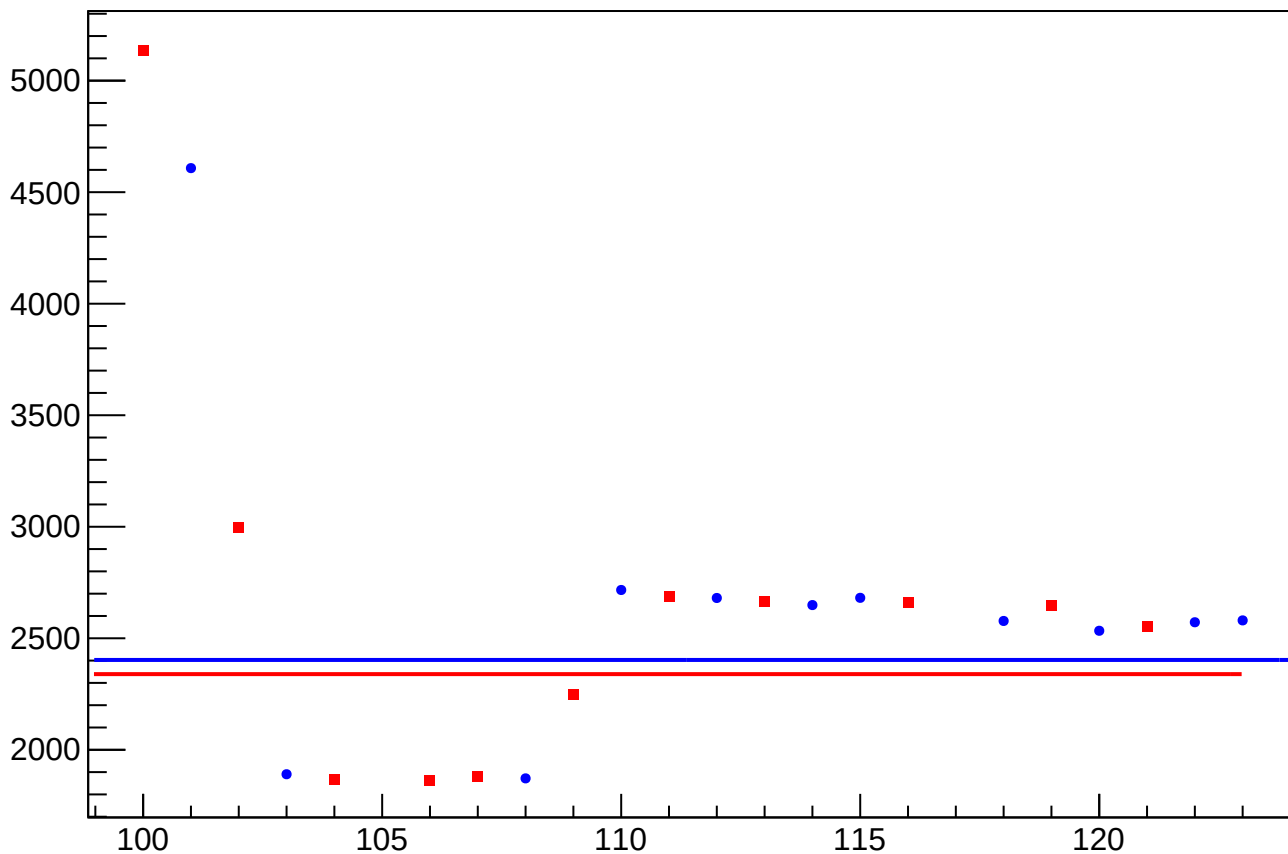
Right: 3157.513+/-828.269 χ^2/NDF : 19.4/21

In: 4571.399+/-1216.495 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3157.513+/-828.269 χ^2/NDF : 19.4/21

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2402.862+/-0.860 χ^2/NDF : 490467.0/10

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

Right Out: 2339.334+/-0.800 χ^2/NDF : 281297.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

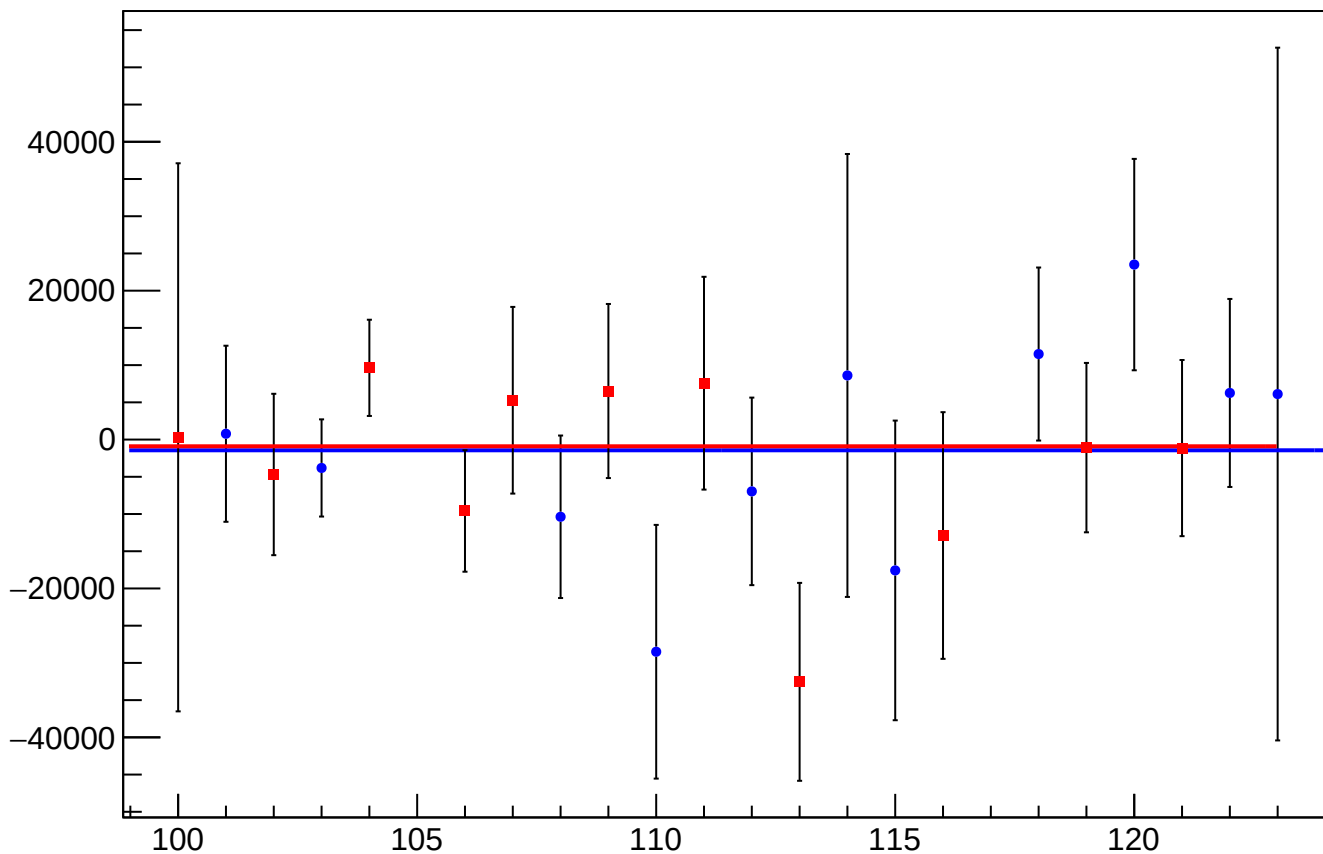
Right: 2368.784+/-0.586 χ^2/NDF : 774689.9/21

In: 2402.862+/-0.860 χ^2/NDF : 490467.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.784+/-0.586 χ^2/NDF : 774689.9/21

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1440.296+/-3740.871 χ^2/NDF : 9.0/10

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

Right Out: -903.774+/-3315.984 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

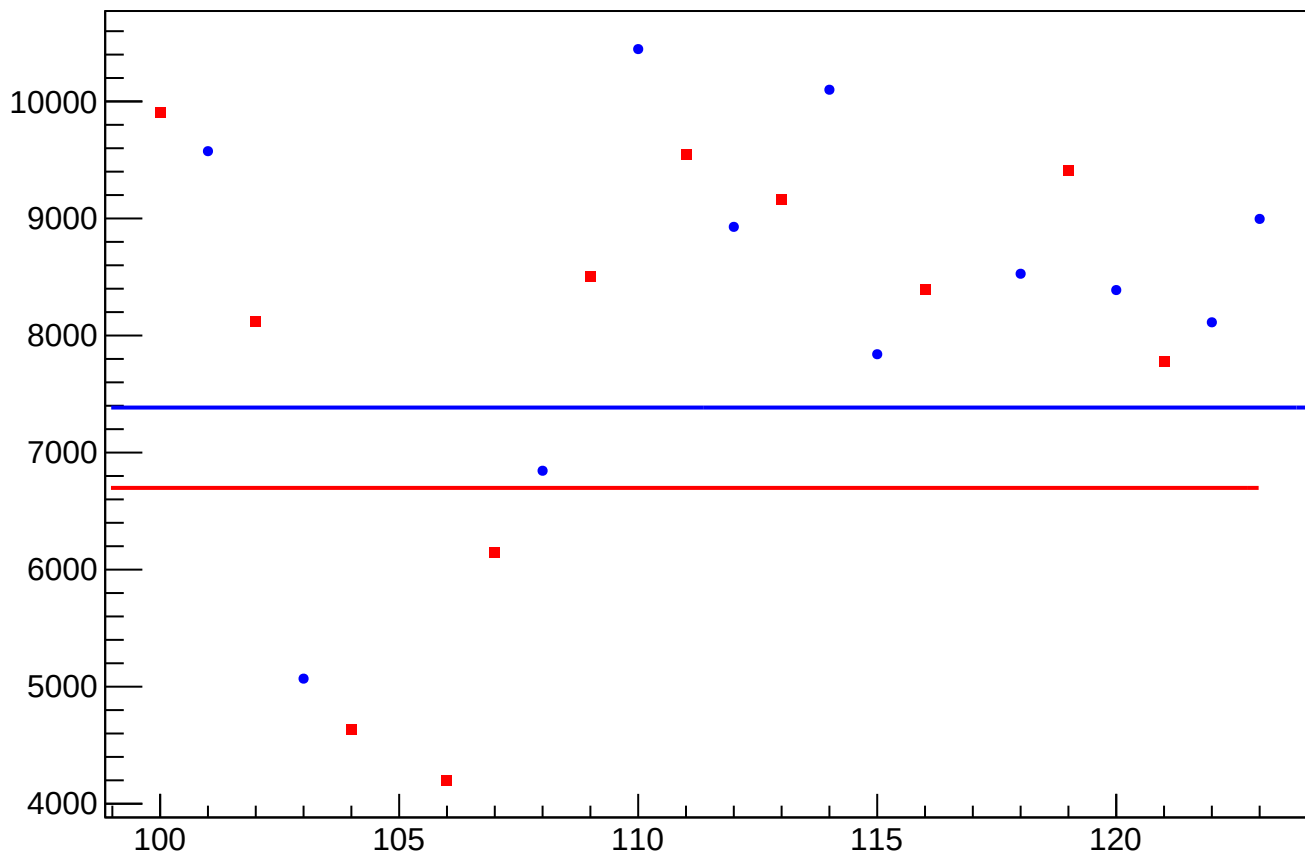
Right: -1139.848+/-2481.437 χ^2/NDF : 20.1/21

In: -1440.296+/-3740.871 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1139.848+/-2481.437 χ^2/NDF : 20.1/21

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7384.702+/-2.645 χ^2/NDF : 475972.9/10

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

Right Out: 6698.193+/-2.345 χ^2/NDF : 791991.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

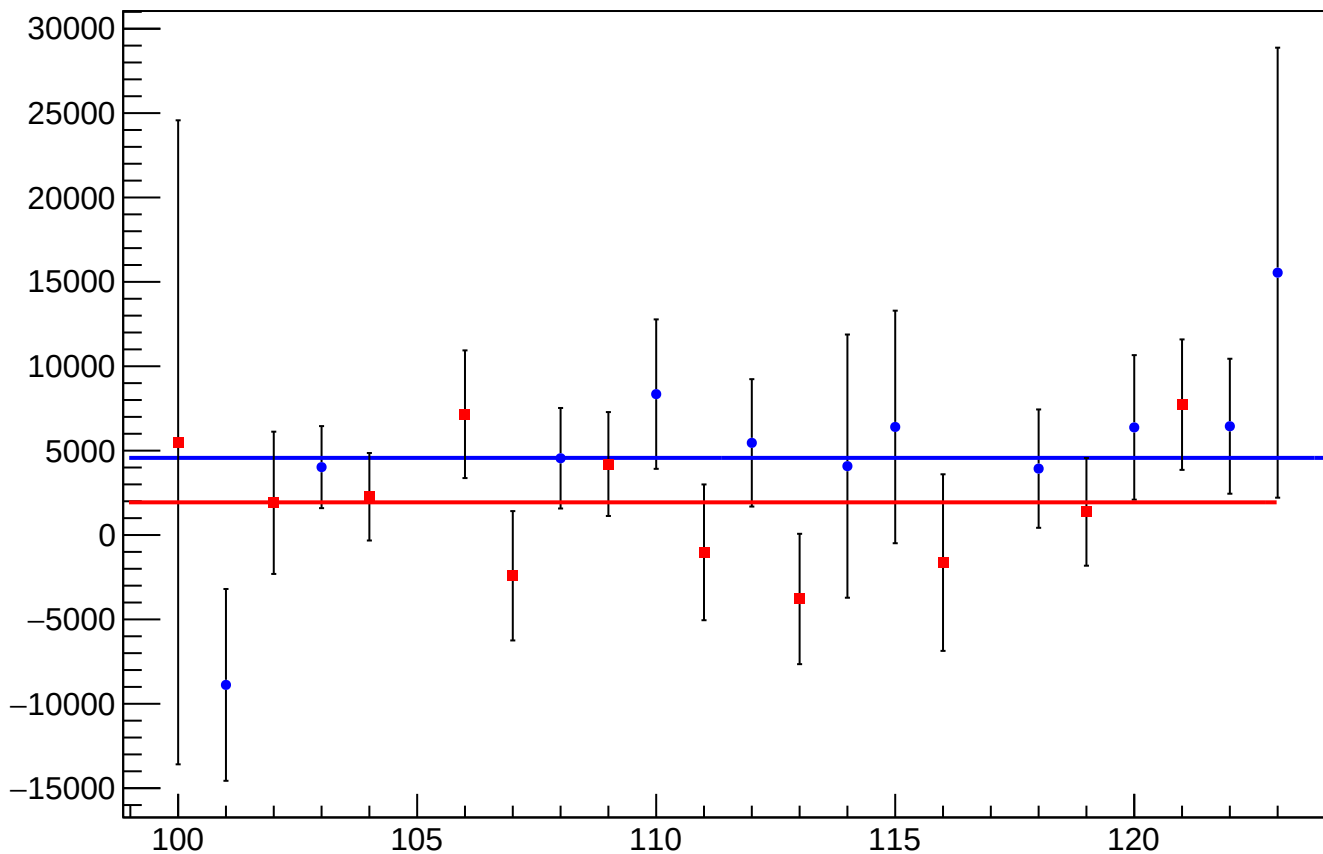
Right: 7000.263+/-1.755 χ^2/NDF : 1305683.2/21

In: 7384.702+/-2.645 χ^2/NDF : 475972.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7000.263+/-1.755 χ^2/NDF : 1305683.2/21

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4570.719+/-1216.496 χ^2/NDF : 7.6/10

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

Right Out: 1936.786+/-1130.898 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

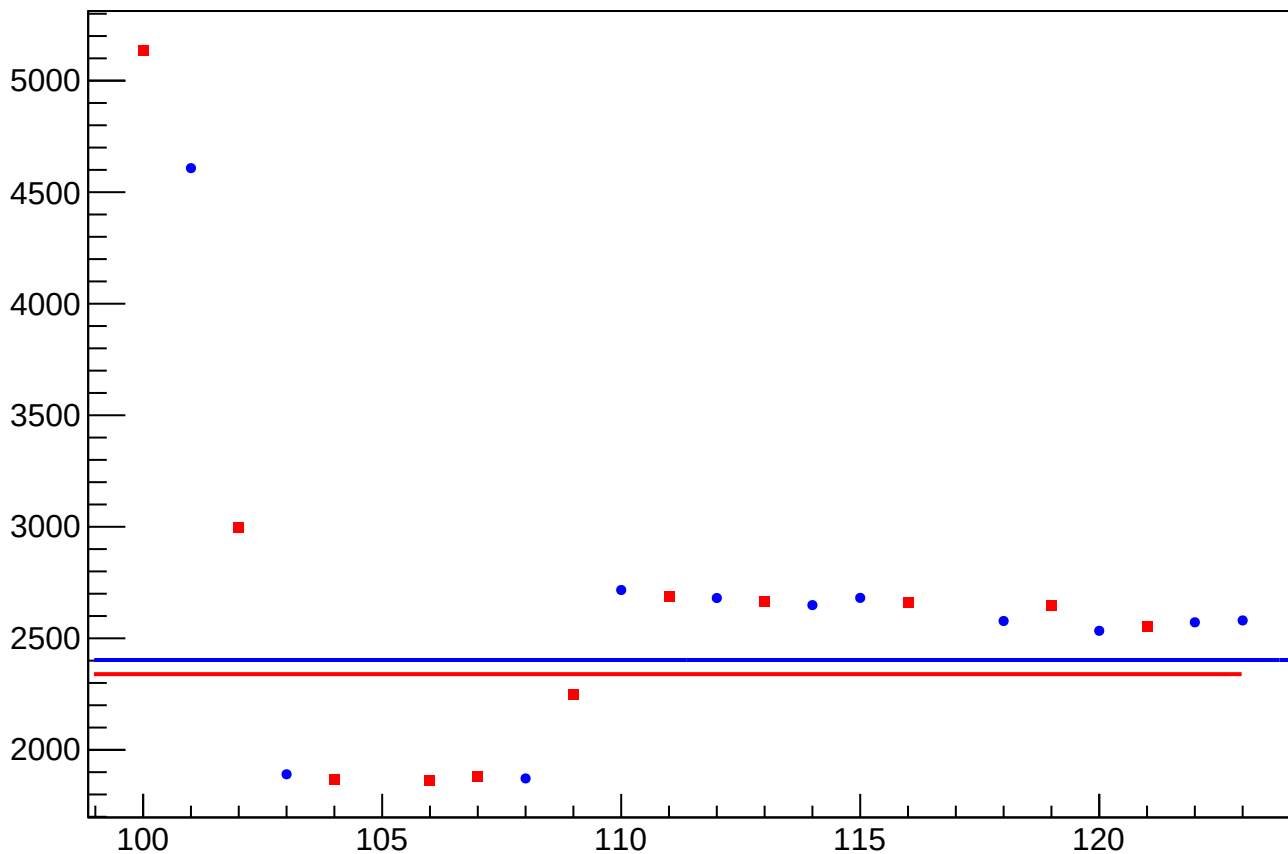
Right: 3157.834+/-828.275 χ^2/NDF : 19.4/21

In: 4570.719+/-1216.496 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3157.834+/-828.275 χ^2/NDF : 19.4/21

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2402.864+/-0.860 χ^2/NDF : 490465.2/10

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

Right Out: 2339.368+/-0.800 χ^2/NDF : 281255.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

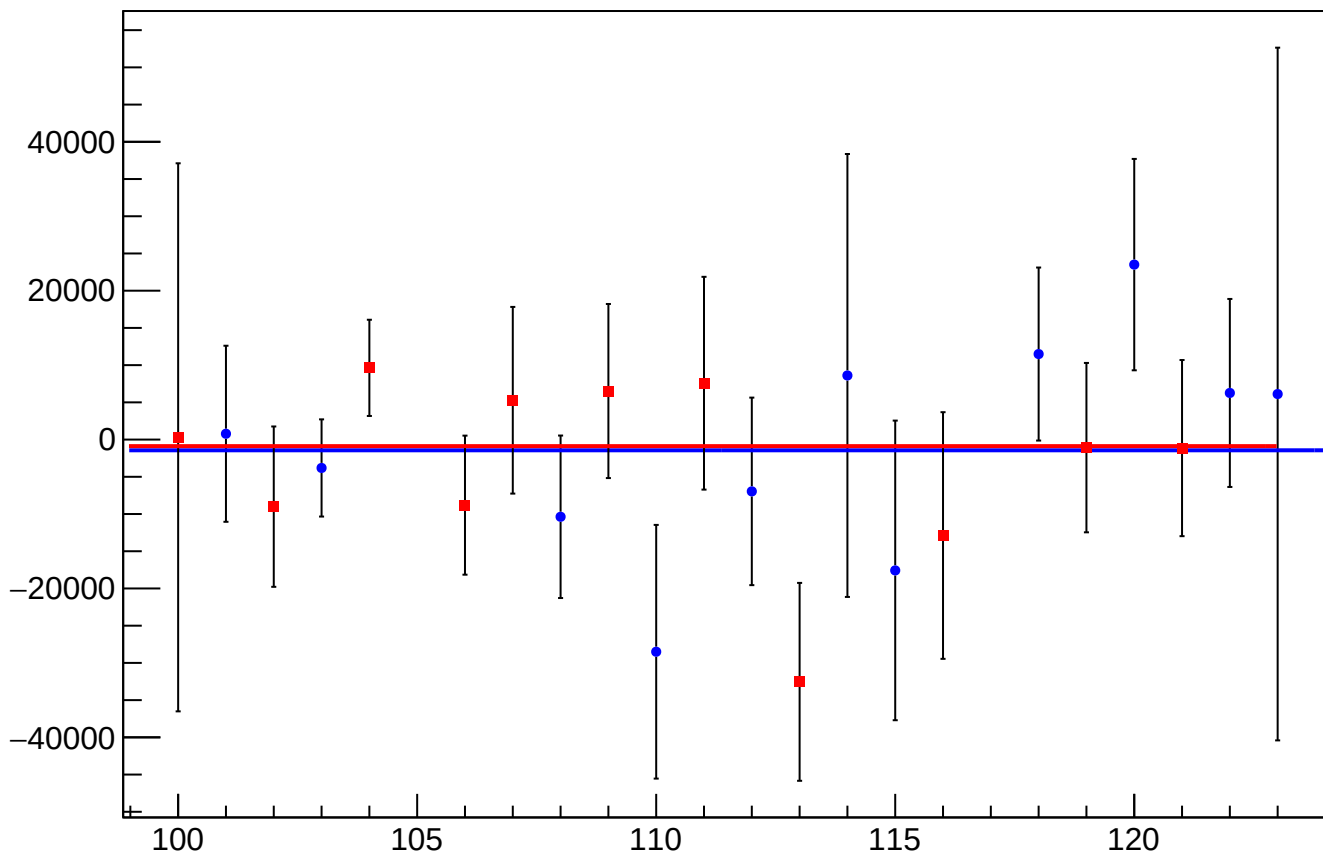
Right: 2368.803+/-0.586 χ^2/NDF : 774643.2/21

In: 2402.864+/-0.860 χ^2/NDF : 490465.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.803+/-0.586 χ^2/NDF : 774643.2/21

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1439.745+/-3741.031 χ^2/NDF : 9.0/10

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

Right Out: -881.114+/-3380.419 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

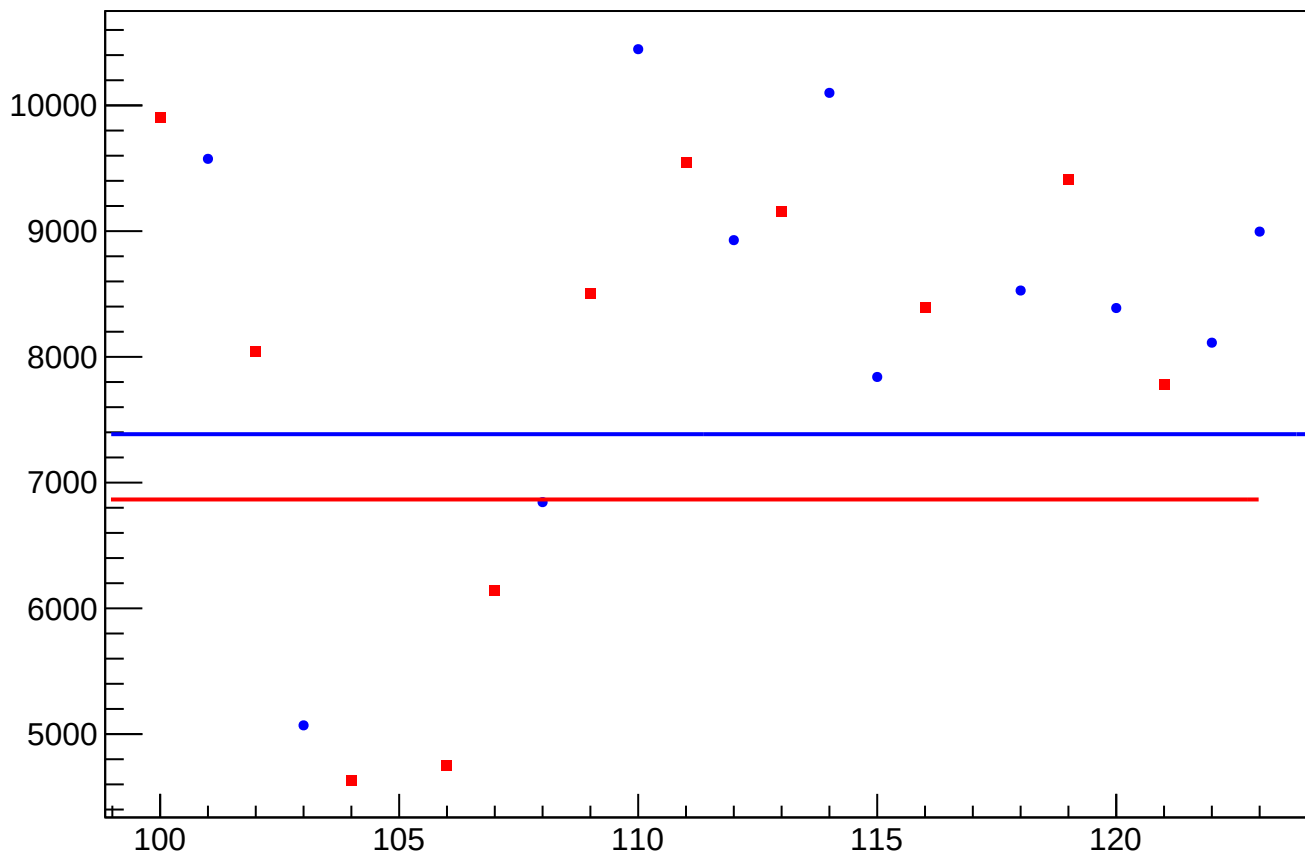
Right: -1132.214+/-2508.143 χ^2/NDF : 20.2/21

In: -1439.745+/-3741.031 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1132.214+/-2508.143 χ^2/NDF : 20.2/21

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7385.134+/-2.645 χ^2/NDF : 475749.4/10

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

Right Out: 6865.901+/-2.390 χ^2/NDF : 683563.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

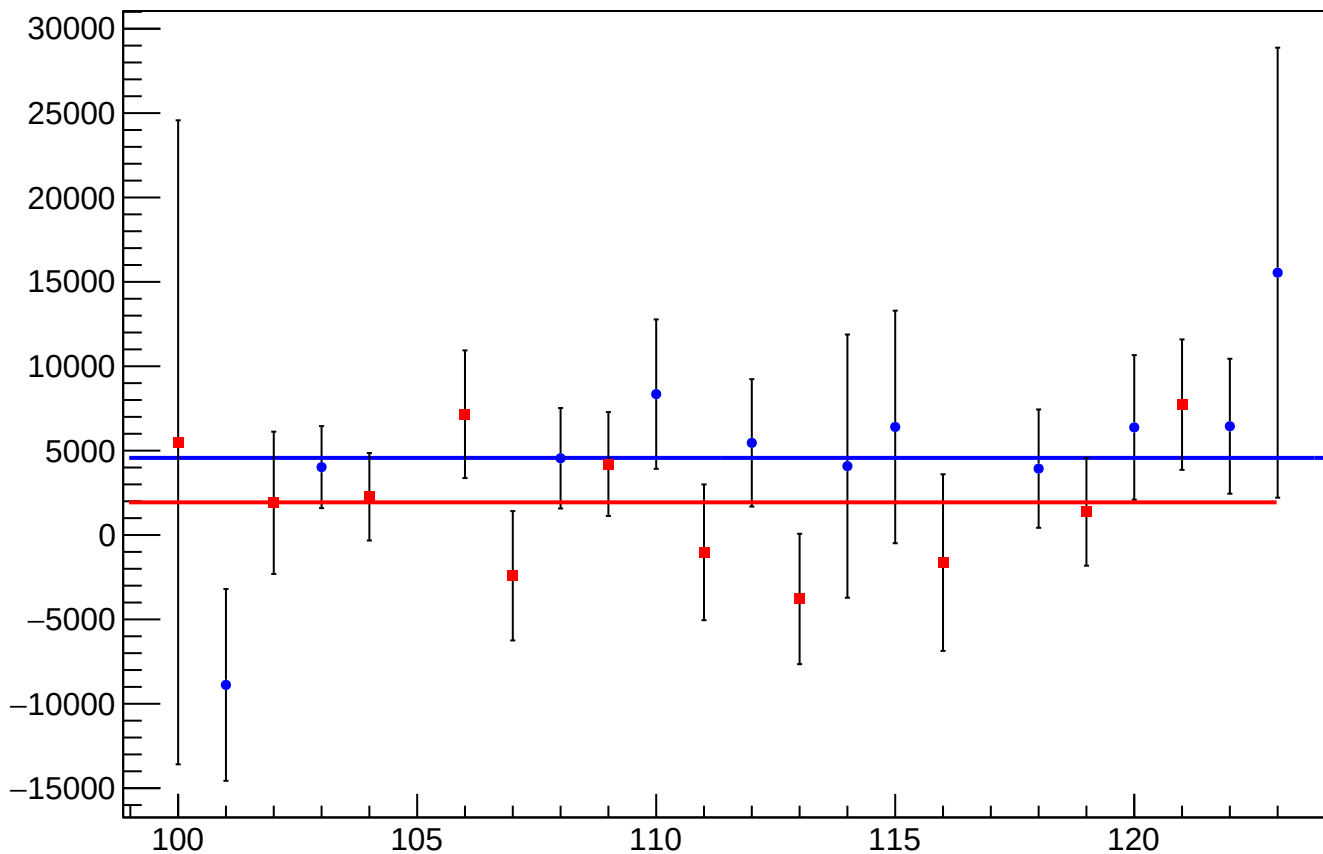
Right: 7099.292+/-1.774 χ^2/NDF : 1180522.5/21

In: 7385.134+/-2.645 χ^2/NDF : 475749.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7099.292+/-1.774 χ^2/NDF : 1180522.5/21

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4570.719+/-1216.496 χ^2 /NDF: 7.6/10

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

Right Out: 1936.786+/-1130.898 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

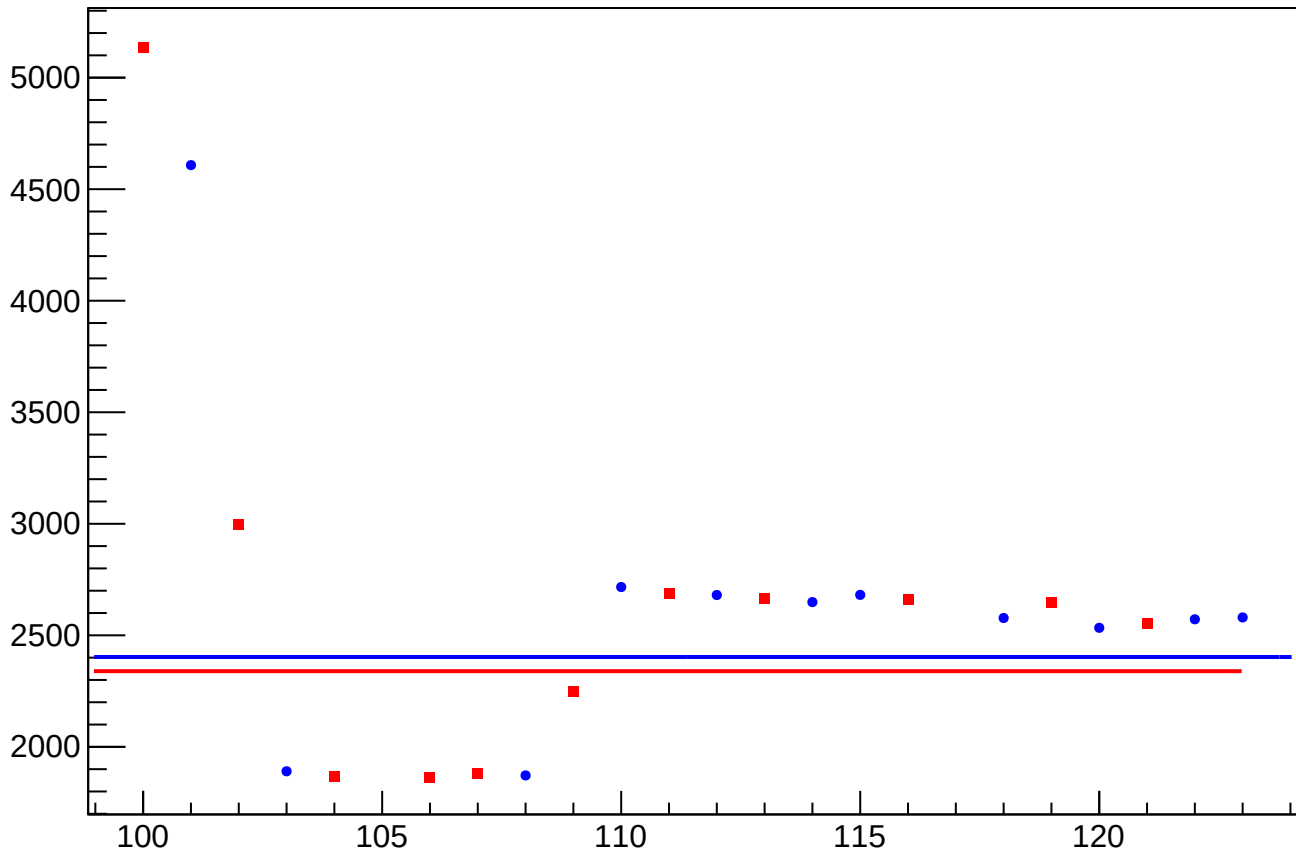
Right: 3157.834+/-828.275 χ^2 /NDF: 19.4/21

In: 4570.719+/-1216.496 χ^2 /NDF:7.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3157.834+/-828.275 χ^2 /NDF: 19.4/21

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2402.864+/-0.860 χ^2/NDF : 490465.2/10

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

Right Out: 2339.368+/-0.800 χ^2/NDF : 281255.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

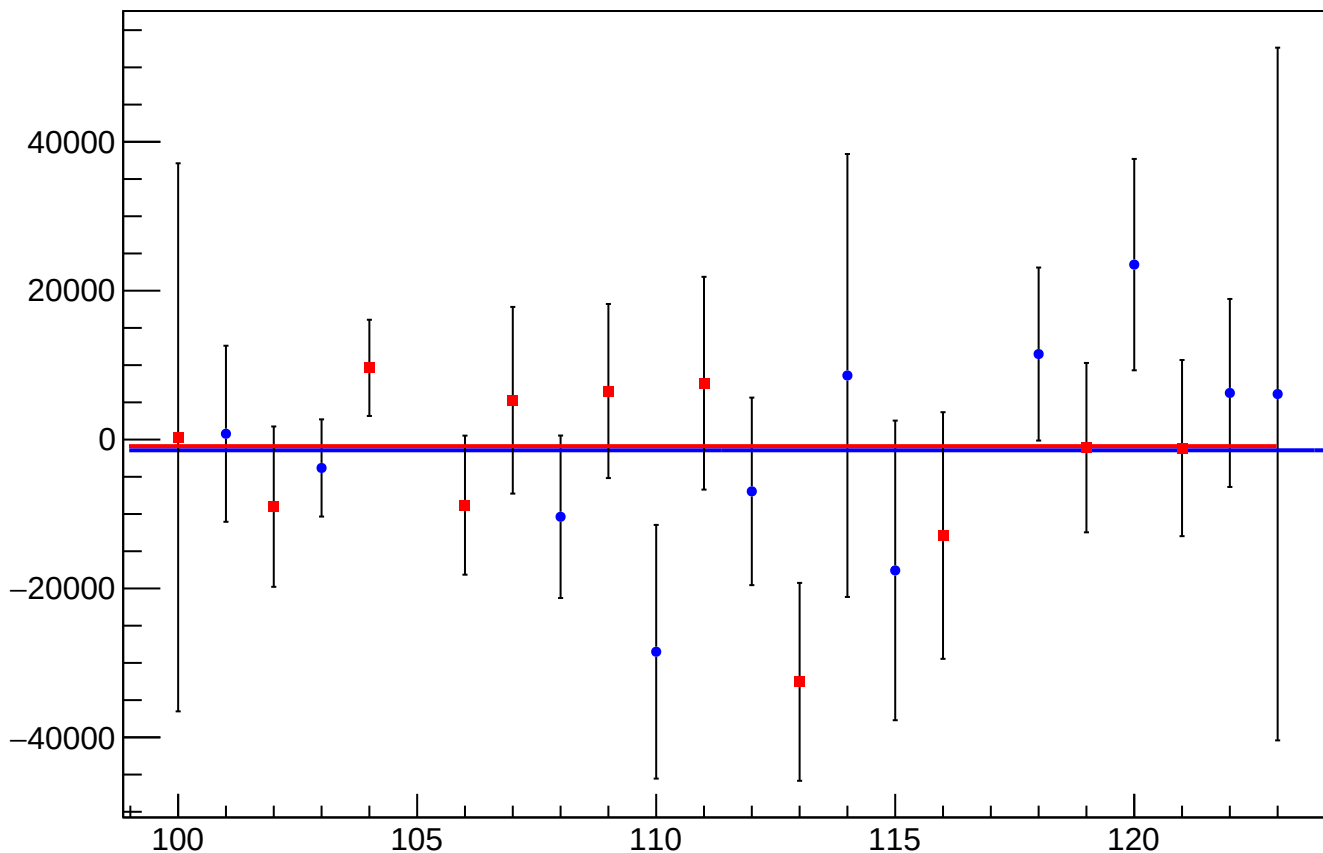
Right: 2368.803+/-0.586 χ^2/NDF : 774643.2/21

In: 2402.864+/-0.860 χ^2/NDF : 490465.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.803+/-0.586 χ^2/NDF : 774643.2/21

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1439.745+/-3741.031 χ^2/NDF : 9.0/10

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

Right Out: -881.114+/-3380.419 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

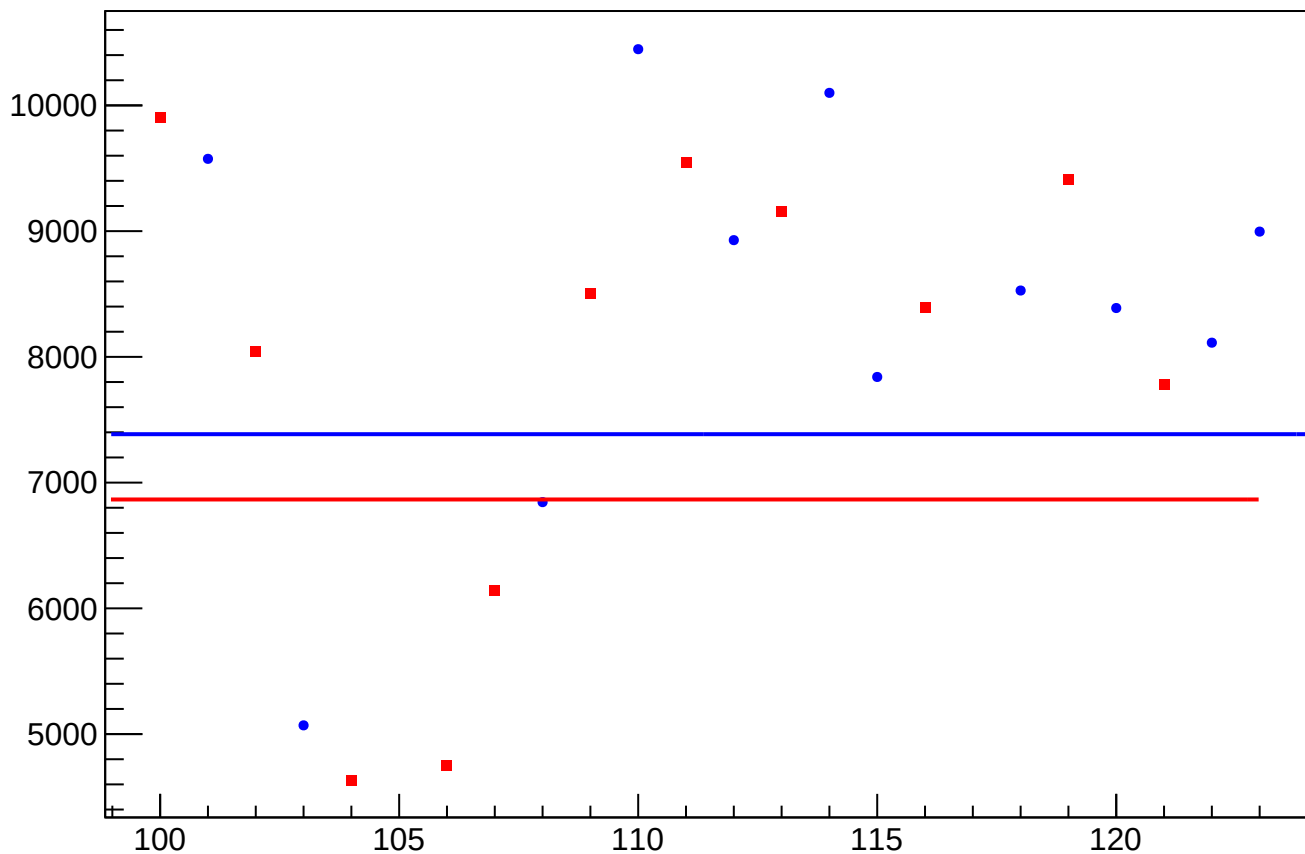
Right: -1132.214+/-2508.143 χ^2/NDF : 20.2/21

In: -1439.745+/-3741.031 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1132.214+/-2508.143 χ^2/NDF : 20.2/21

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7385.134+/-2.645 χ^2/NDF : 475749.4/10

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

Right Out: 6865.901+/-2.390 χ^2/NDF : 683563.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

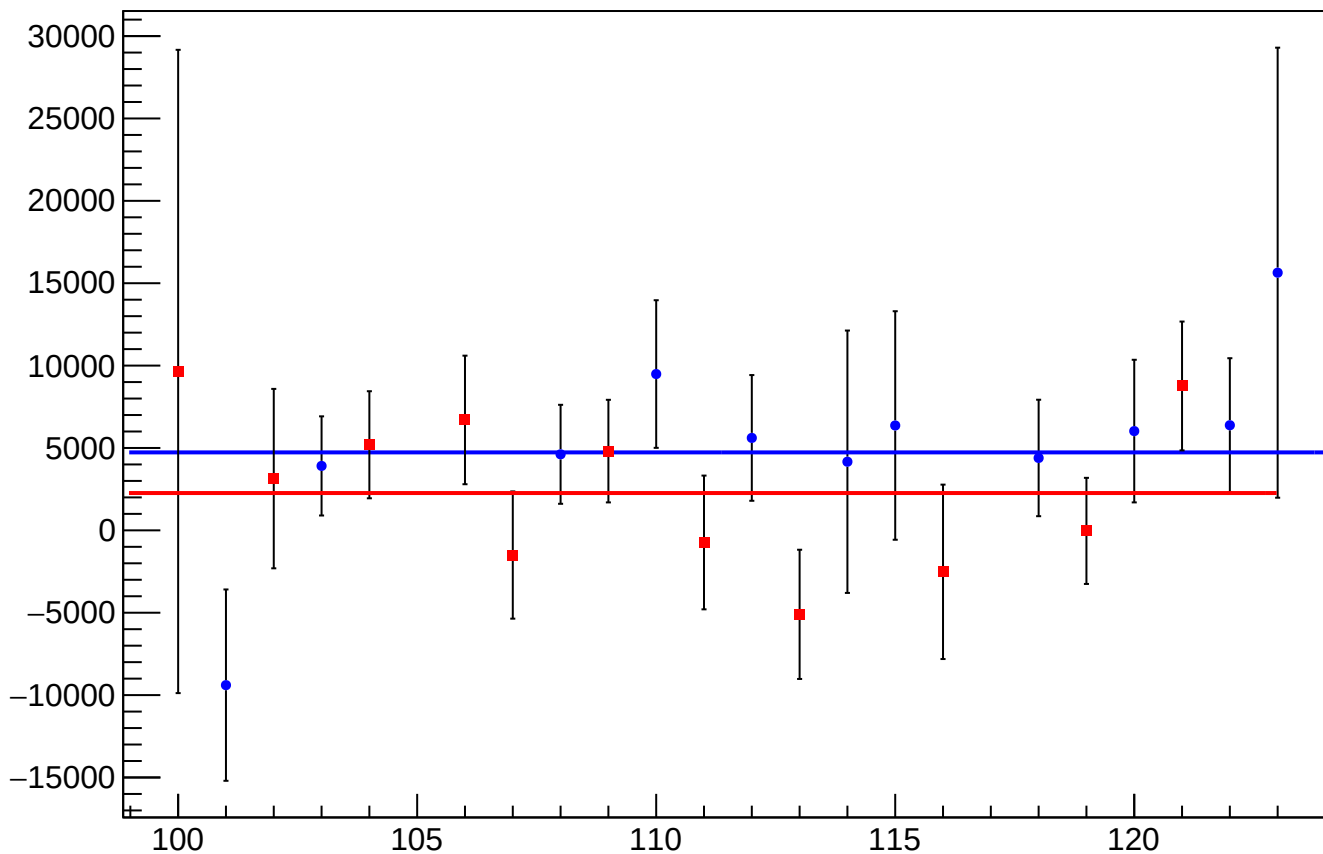
Right: 7099.292+/-1.774 χ^2/NDF : 1180522.5/21

In: 7385.134+/-2.645 χ^2/NDF : 475749.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7099.292+/-1.774 χ^2/NDF : 1180522.5/21

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4731.555+/-1285.450 χ^2/NDF : 8.1/10

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

Right Out: 2264.668+/-1203.680 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

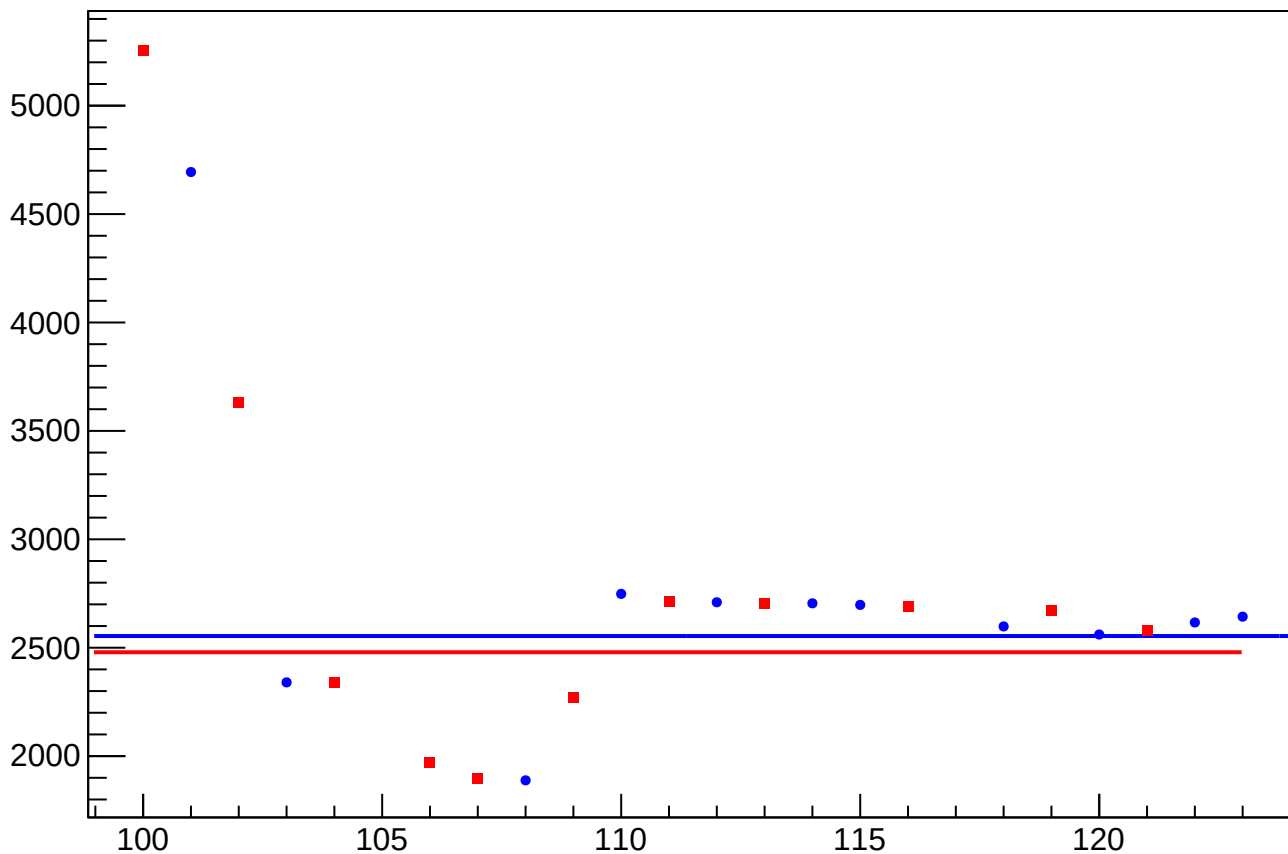
Right: 3417.159+/-878.617 χ^2/NDF : 22.2/21

In: 4731.555+/-1285.450 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3417.159+/-878.617 χ^2/NDF : 22.2/21

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2553.945+/-0.909 χ^2/NDF : 389444.0/10

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

Right Out: 2479.158+/-0.850 χ^2/NDF : 247692.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

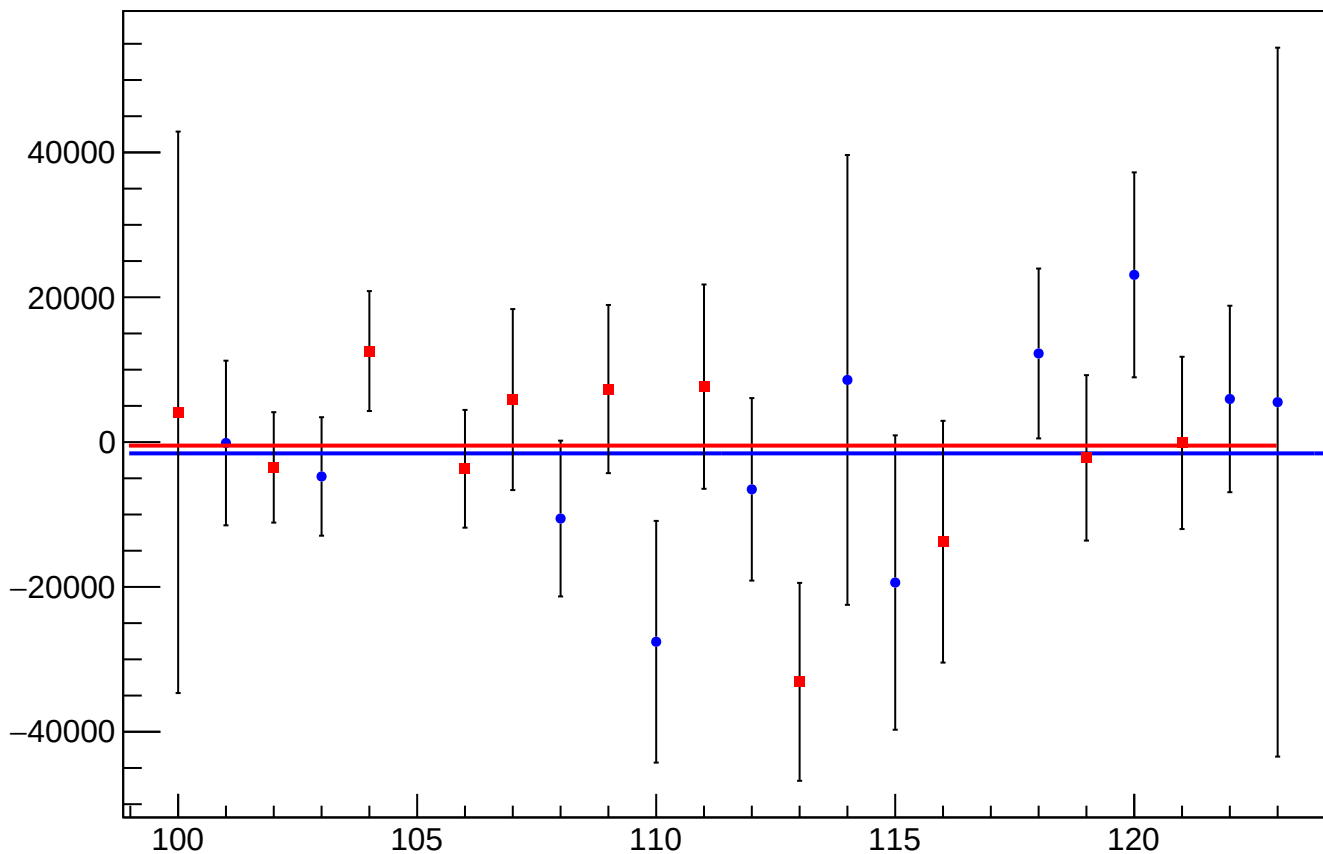
Right: 2514.063+/-0.621 χ^2/NDF : 640746.2/21

In: 2553.945+/-0.909 χ^2/NDF : 389444.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2514.063+/-0.621 χ^2/NDF : 640746.2/21

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1557.983 ± 3971.897 χ^2/NDF : 9.1/10

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

Right Out: -484.957 ± 3331.366 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

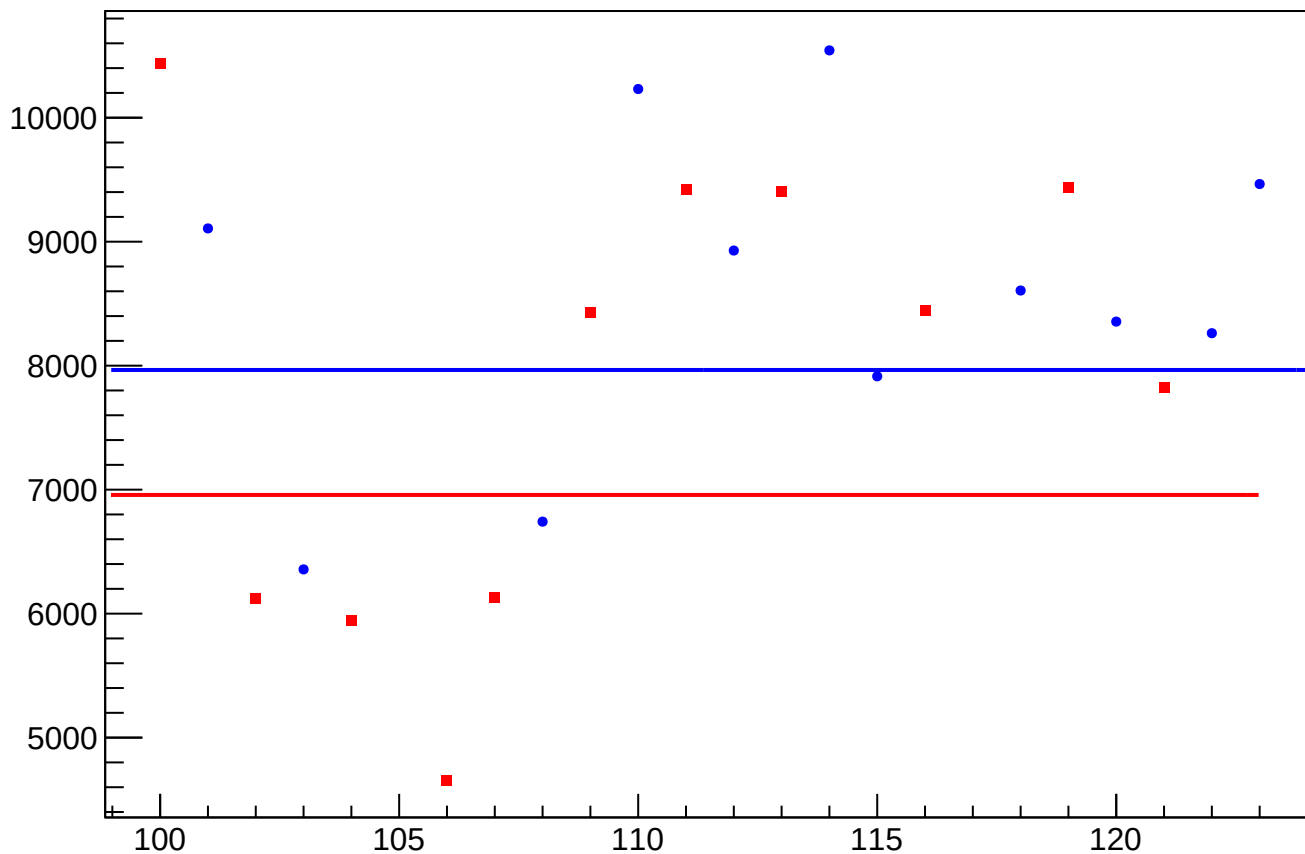
Right: -928.079 ± 2552.434 χ^2/NDF : 19.4/21

In: -1557.983 ± 3971.897 χ^2/NDF : 9.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -928.079 ± 2552.434 χ^2/NDF : 19.4/21

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7965.303+/-2.809 χ^2/NDF : 196157.0/10

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

Right Out: 6957.220+/-2.356 χ^2/NDF : 517491.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

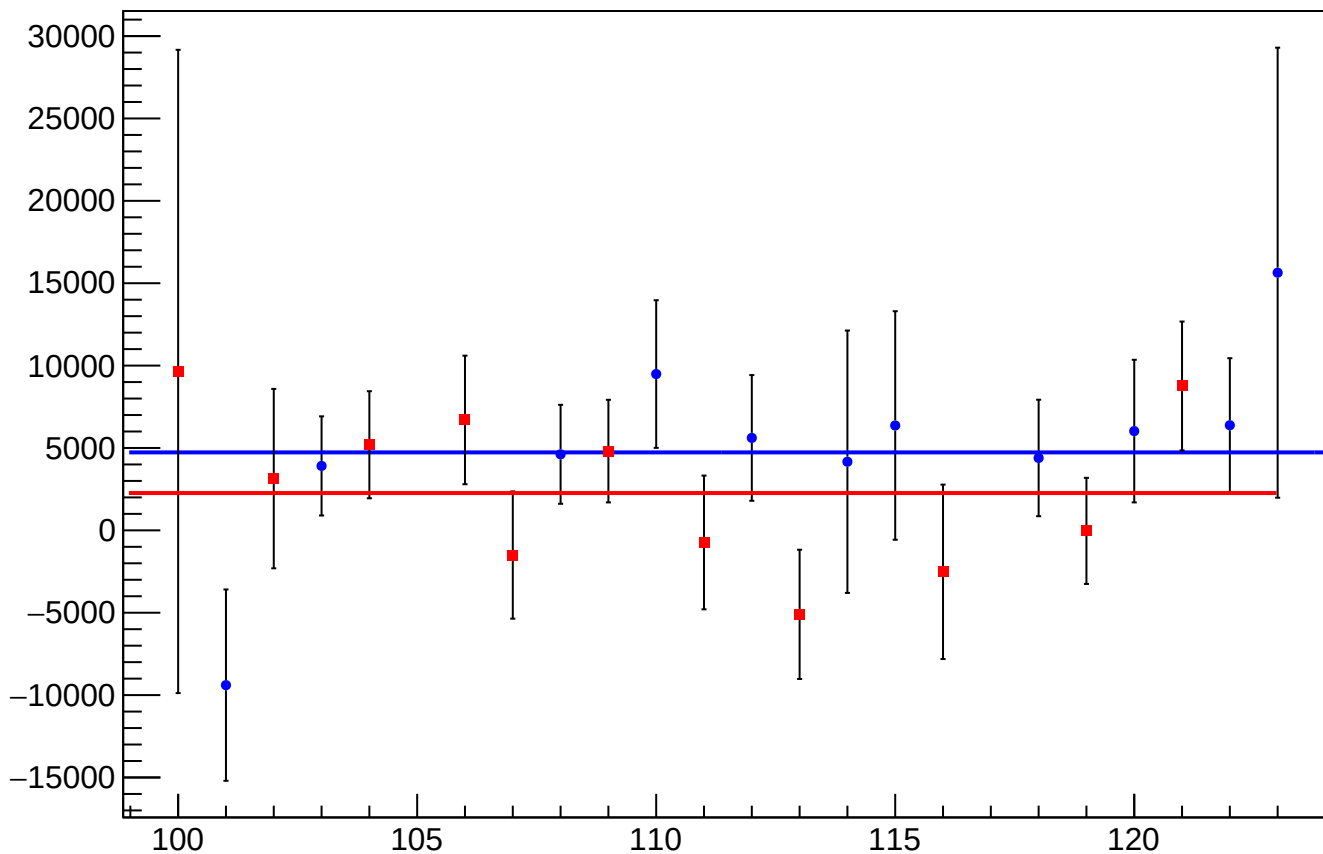
Right: 7373.523+/-1.805 χ^2/NDF : 789277.5/21

In: 7965.303+/-2.809 χ^2/NDF : 196157.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7373.523+/-1.805 χ^2/NDF : 789277.5/21

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4731.543+/-1285.450 χ^2/NDF : 8.1/10

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

Right Out: 2264.674+/-1203.680 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

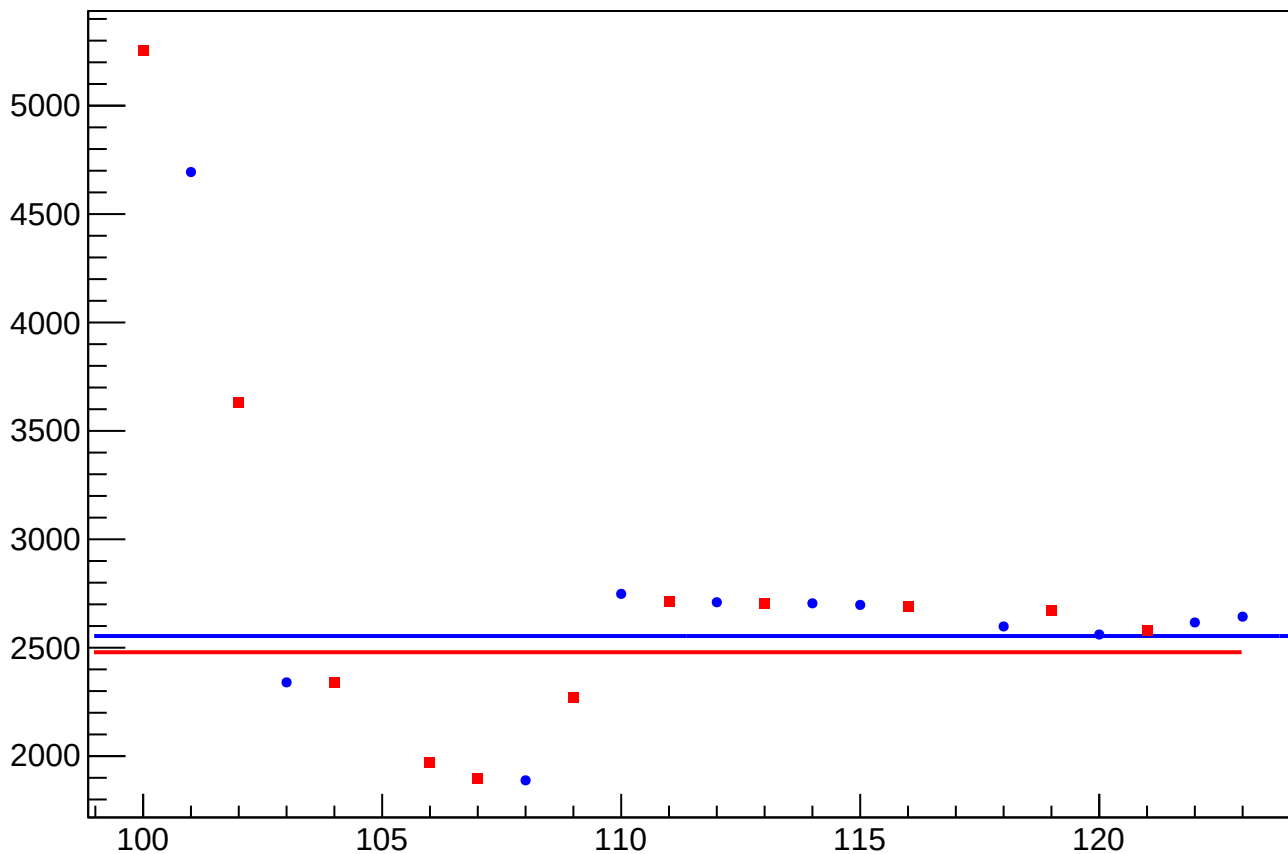
Right: 3417.157+/-878.616 χ^2/NDF : 22.2/21

In: 4731.543+/-1285.450 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3417.157+/-878.616 χ^2/NDF : 22.2/21

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2553.944+/-0.909 χ^2/NDF : 389444.2/10

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

Right Out: 2479.157+/-0.850 χ^2/NDF : 247691.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

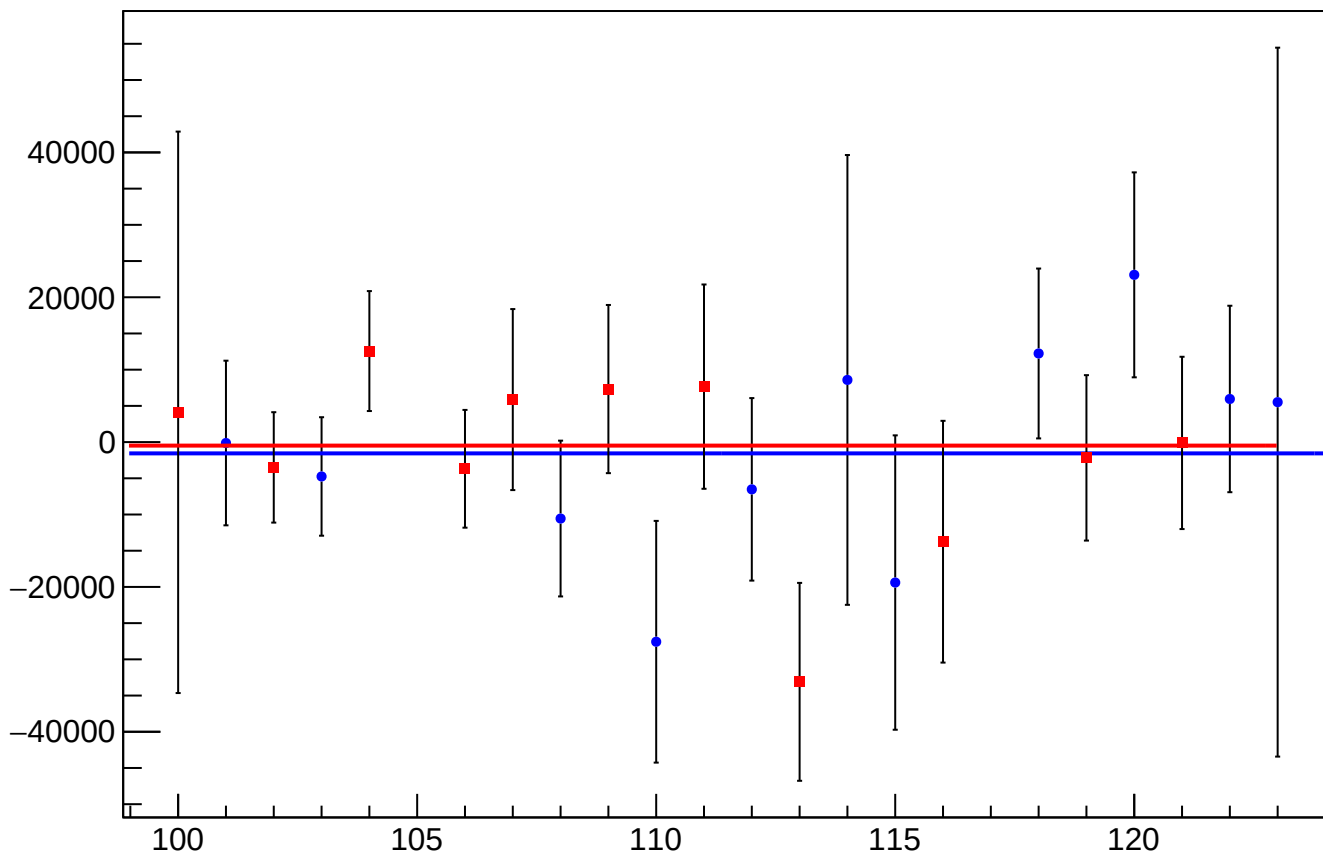
Right: 2514.063+/-0.621 χ^2/NDF : 640745.9/21

In: 2553.944+/-0.909 χ^2/NDF : 389444.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2514.063+/-0.621 χ^2/NDF : 640745.9/21

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1557.965+/-3971.890 χ^2/NDF : 9.1/10

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

Right Out: -484.954+/-3331.360 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

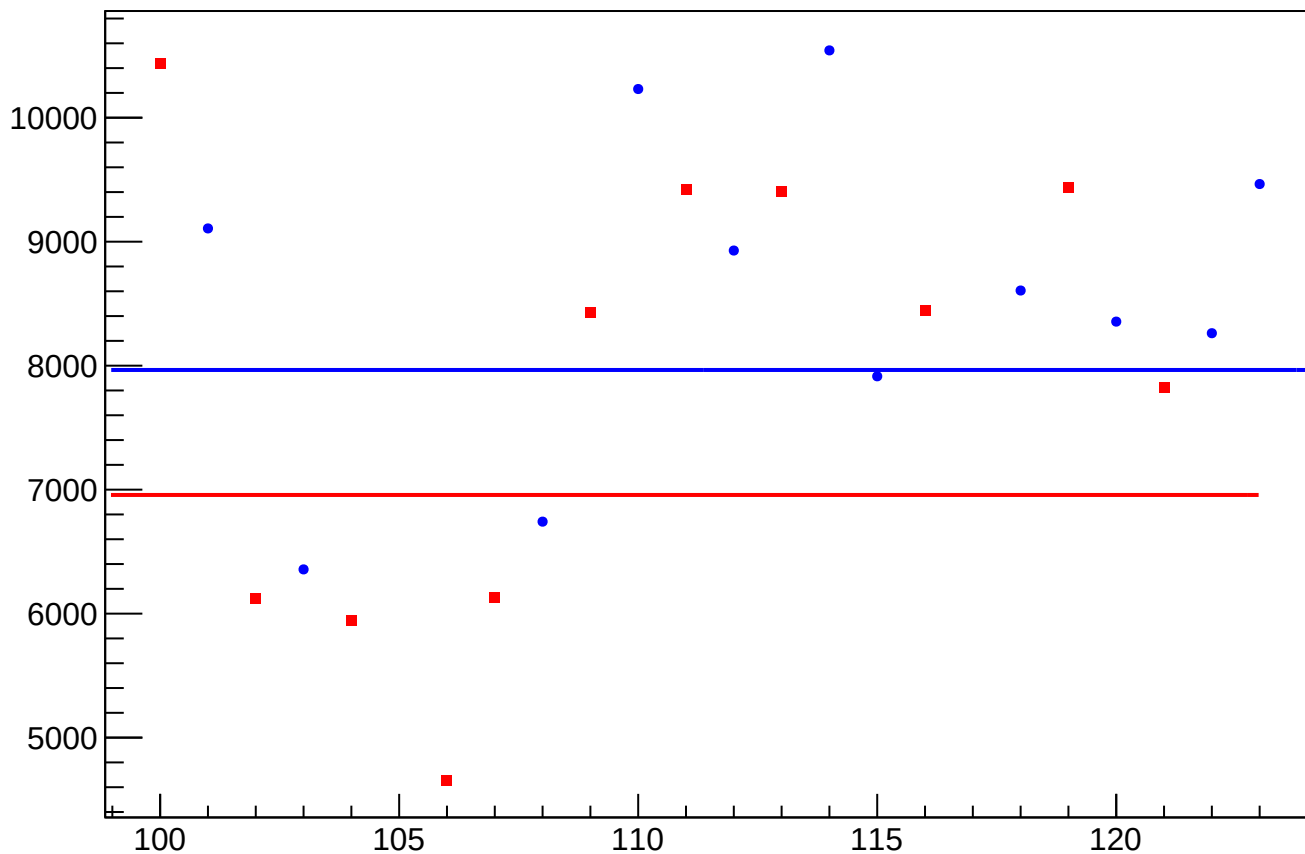
Right: -928.070+/-2552.429 χ^2/NDF : 19.4/21

In: -1557.965+/-3971.890 χ^2/NDF : 9.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -928.070+/-2552.429 χ^2/NDF : 19.4/21

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7965.289+/-2.809 χ^2/NDF : 196154.0/10

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

Right Out: 6957.208+/-2.356 χ^2/NDF : 517489.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

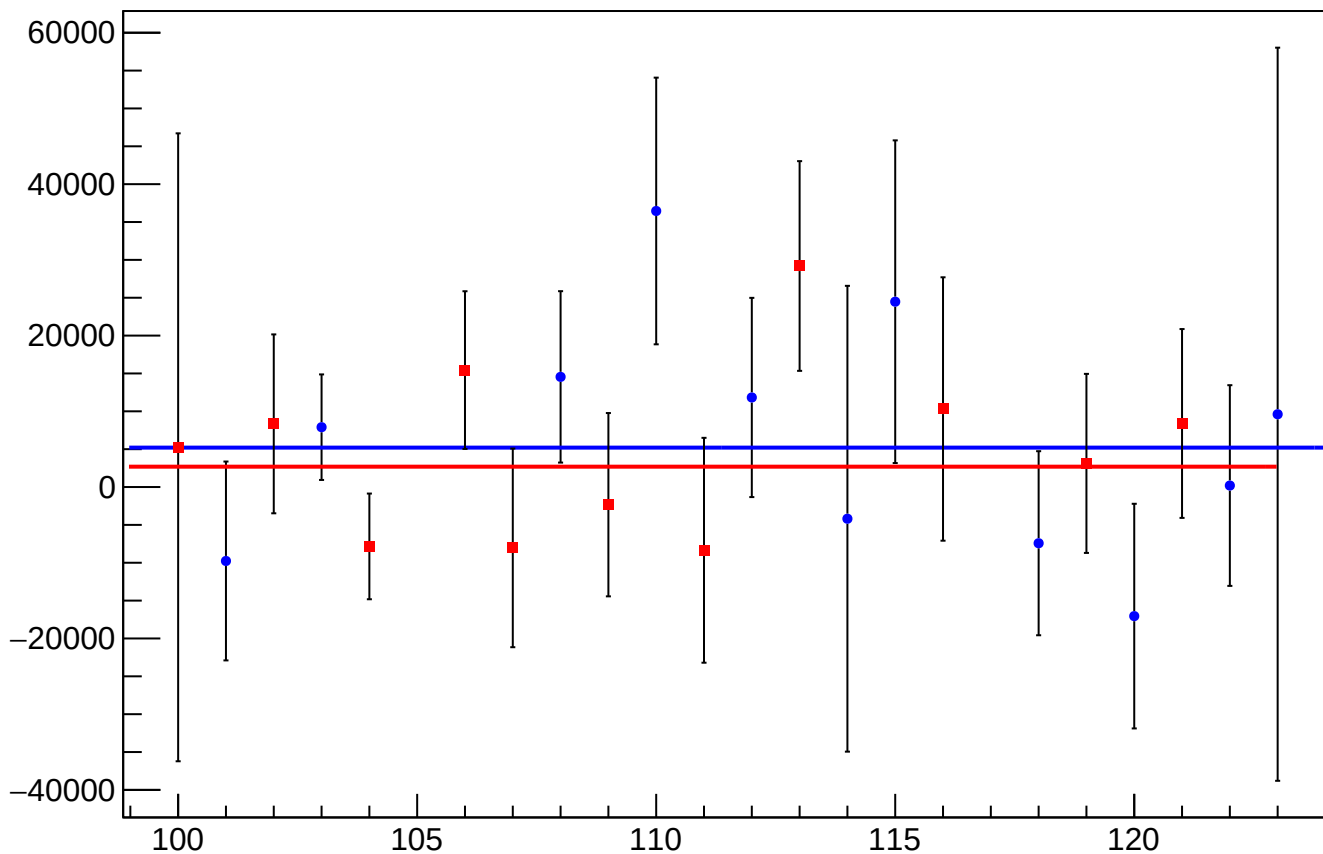
Right: 7373.510+/-1.805 χ^2/NDF : 789272.9/21

In: 7965.289+/-2.809 χ^2/NDF : 196154.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7373.510+/-1.805 χ^2/NDF : 789272.9/21

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5205.415+/-3956.371 χ^2/NDF : 9.9/10

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

Right Out: 2688.243+/-3609.179 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

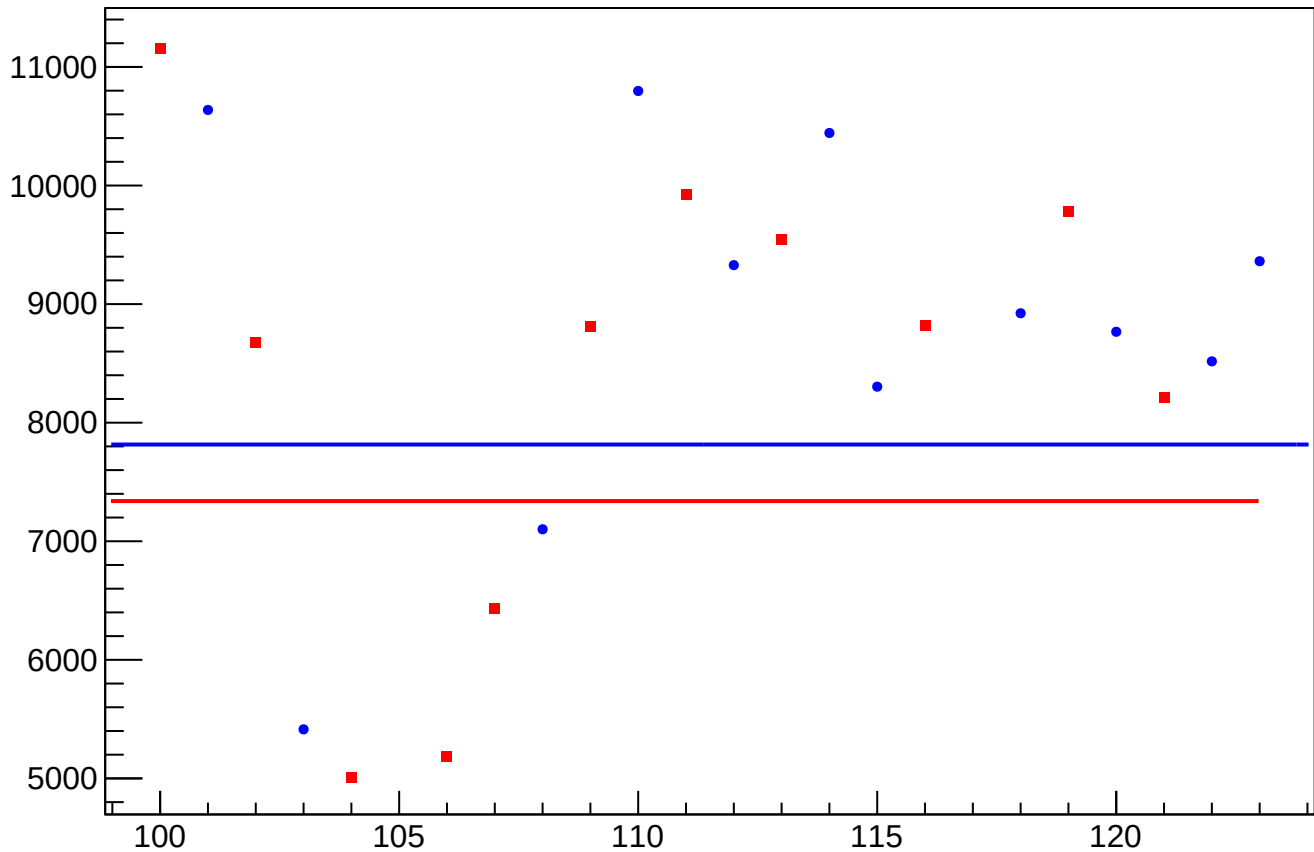
Right: 3831.556+/-2666.386 χ^2/NDF : 19.6/21

In: 5205.415+/-3956.371 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3831.556+/-2666.386 χ^2/NDF : 19.6/21

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7815.798+/-2.798 χ^2/NDF : 469777.3/10

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

Right Out: 7338.960+/-2.552 χ^2/NDF : 611074.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

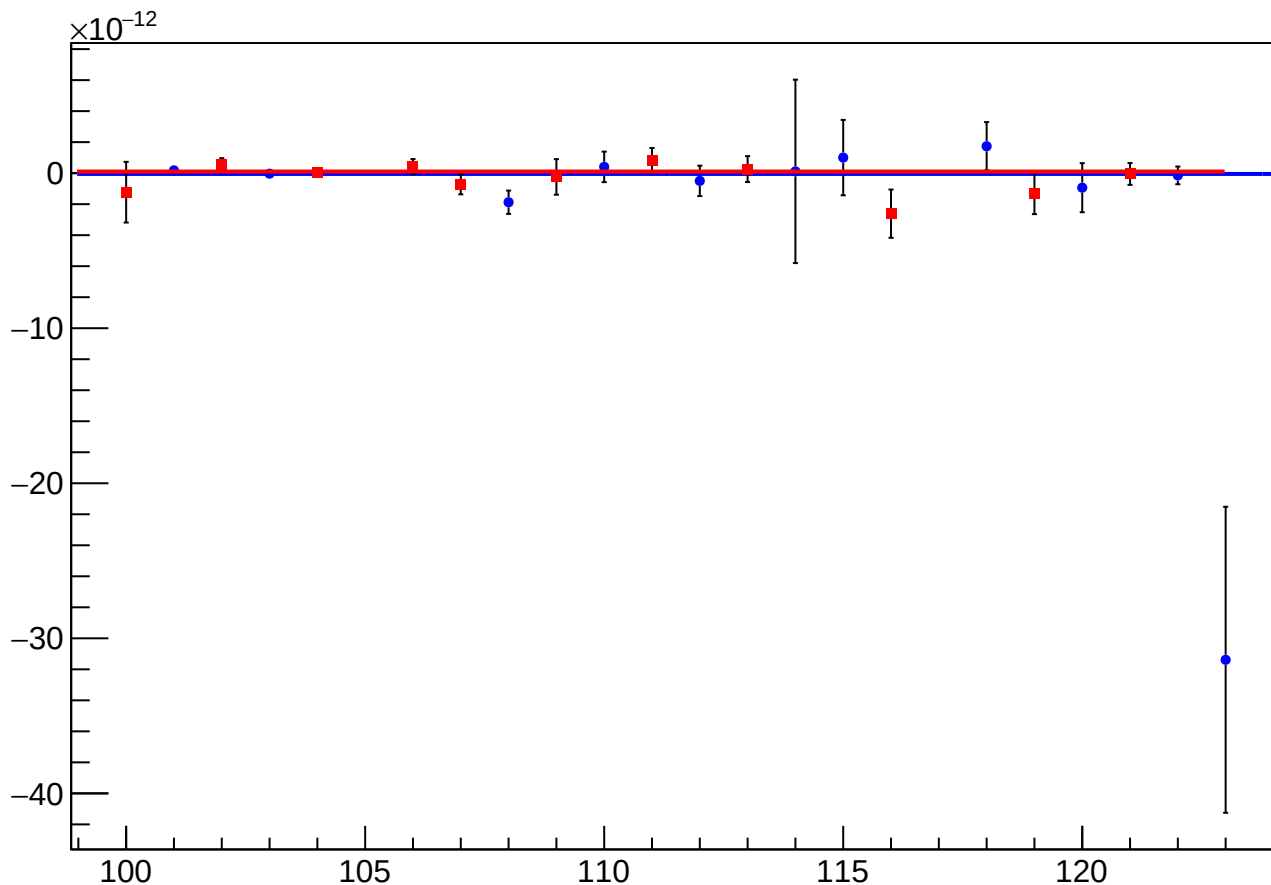
Right: 7555.536+/-1.885 χ^2/NDF : 1096708.9/21

In: 7815.798+/-2.798 χ^2/NDF : 469777.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7555.536+/-1.885 χ^2/NDF : 1096708.9/21

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.9/10

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

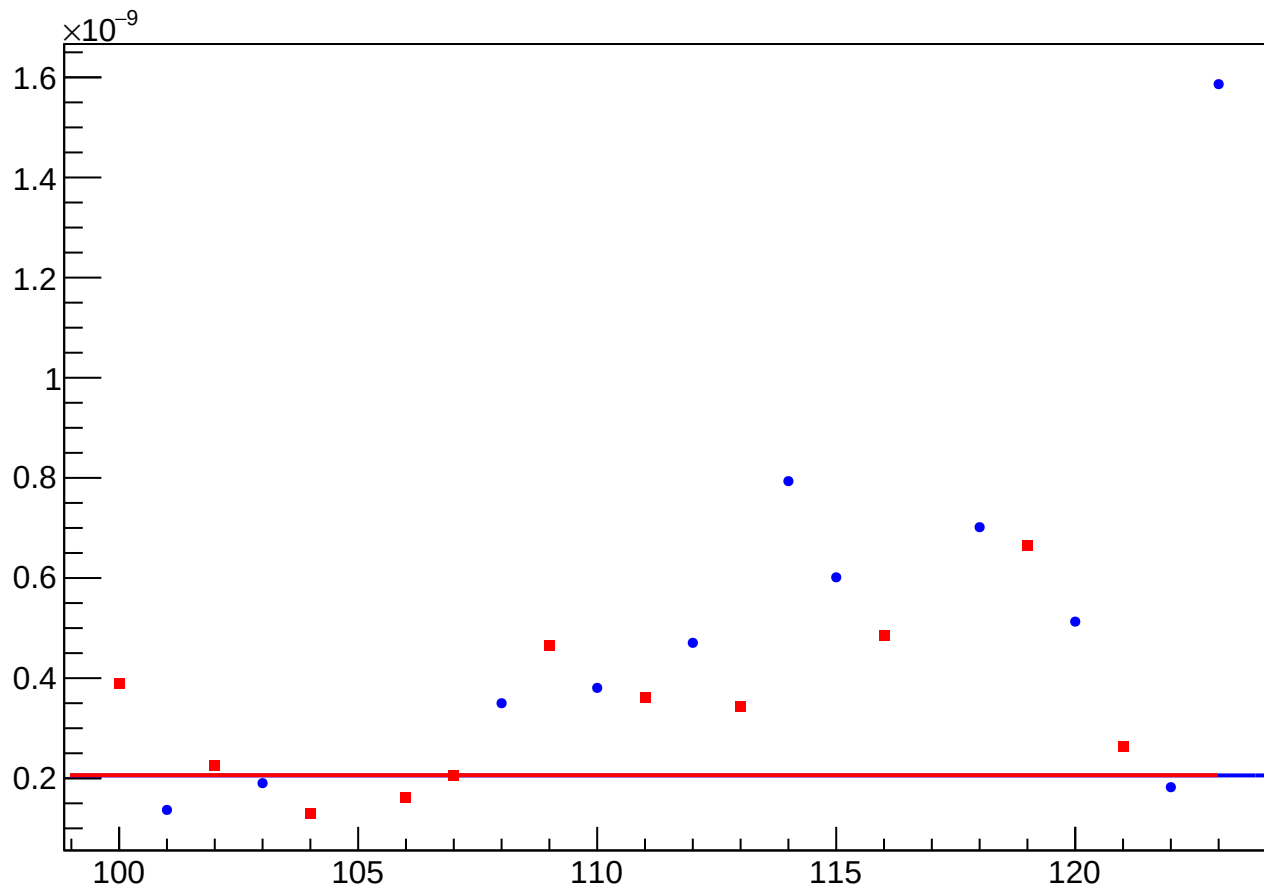
Right: 0.000+/-0.000 χ^2 /NDF: 28.1/21

In: -0.000+/-0.000 χ^2 /NDF:18.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 28.1/21

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 806104.8/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 752786.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

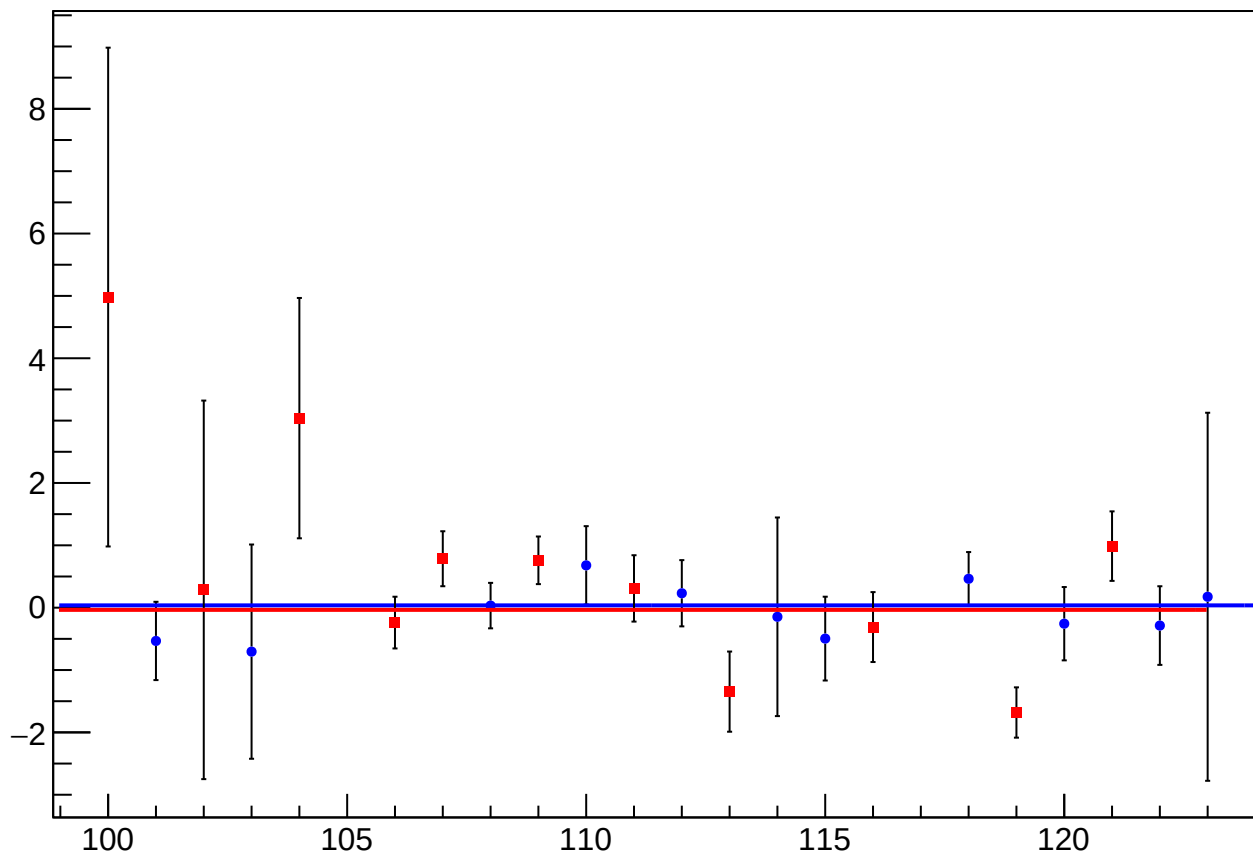
Right: 0.000+/-0.000 χ^2/NDF : 1558898.9/21

In: 0.000+/-0.000 χ^2/NDF : 806104.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1558898.9/21

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.182 χ^2/NDF : 4.3/10

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

Right Out: -0.035+/-0.165 χ^2/NDF : 37.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

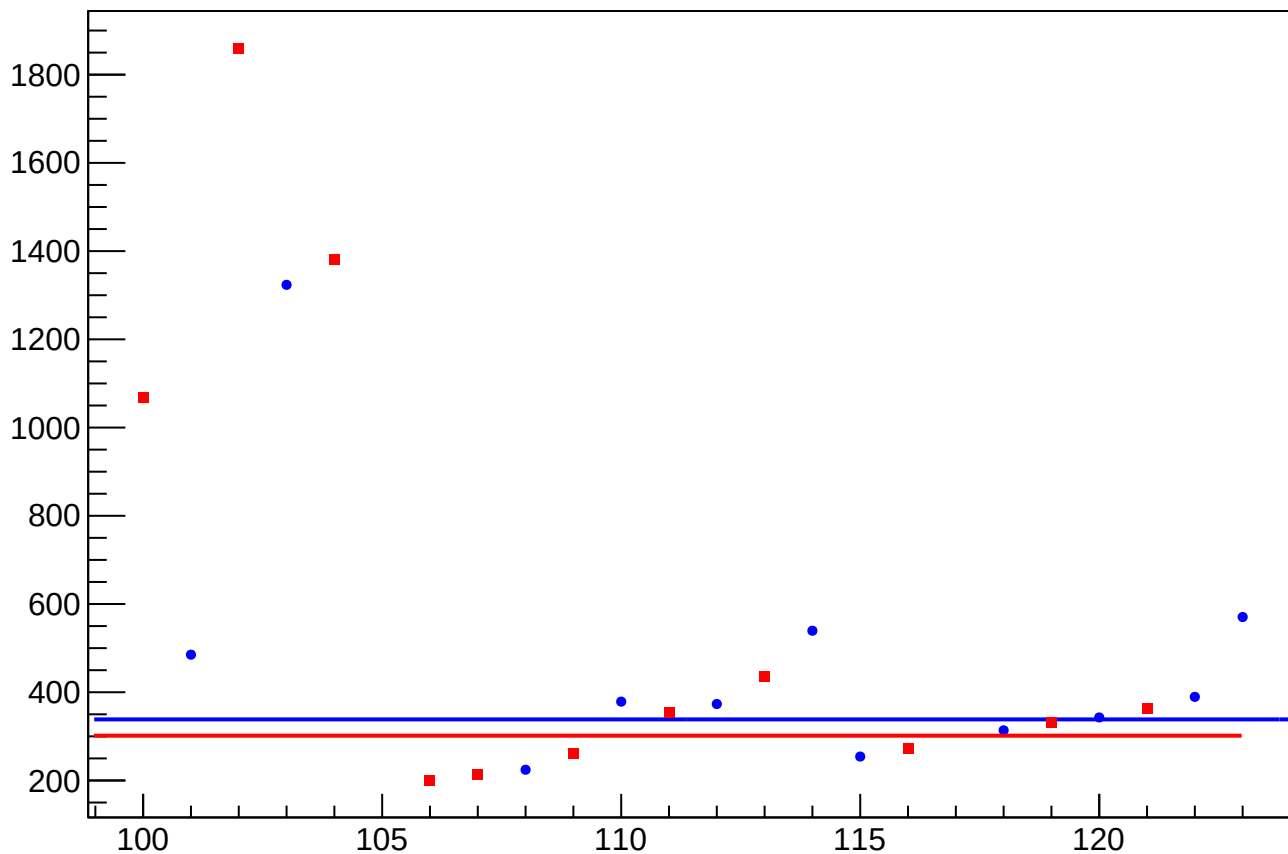
Right: -0.003+/-0.122 χ^2/NDF : 41.4/21

In: 0.037+/-0.182 χ^2/NDF : 4.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.122 χ^2/NDF : 41.4/21

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 338.449+/-0.129 χ^2/NDF : 1074983.6/10

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

Right Out: 301.564+/-0.117 χ^2/NDF : 1601431.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

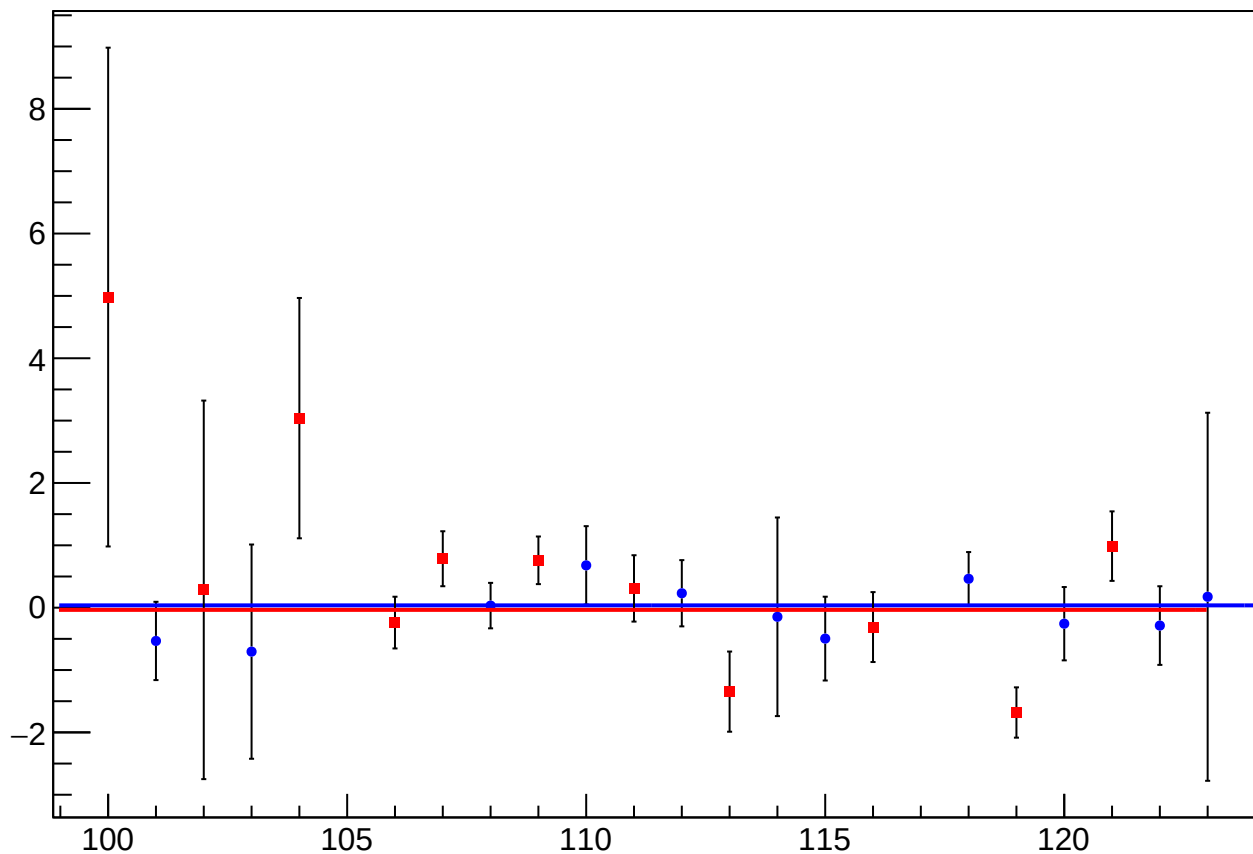
Right: 318.151+/-0.087 χ^2/NDF : 2721389.9/21

In: 338.449+/-0.129 χ^2/NDF : 1074983.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.151+/-0.087 χ^2/NDF : 2721389.9/21

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.182 χ^2/NDF : 4.3/10

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

Right Out: -0.035+/-0.165 χ^2/NDF : 37.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

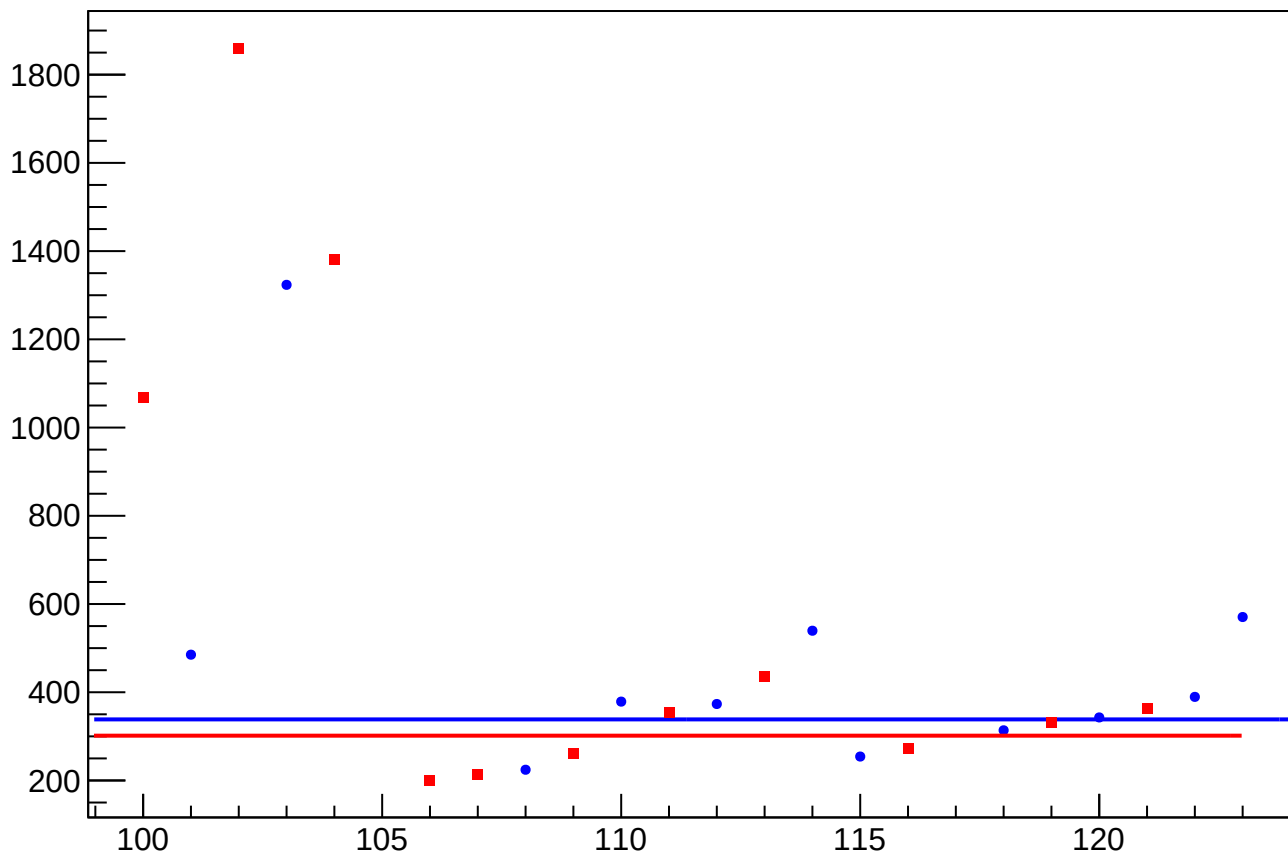
Right: -0.003+/-0.122 χ^2/NDF : 41.4/21

In: 0.037+/-0.182 χ^2/NDF : 4.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.122 χ^2/NDF : 41.4/21

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 338.449+/-0.129 χ^2/NDF : 1074983.6/10

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

Right Out: 301.564+/-0.117 χ^2/NDF : 1601431.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

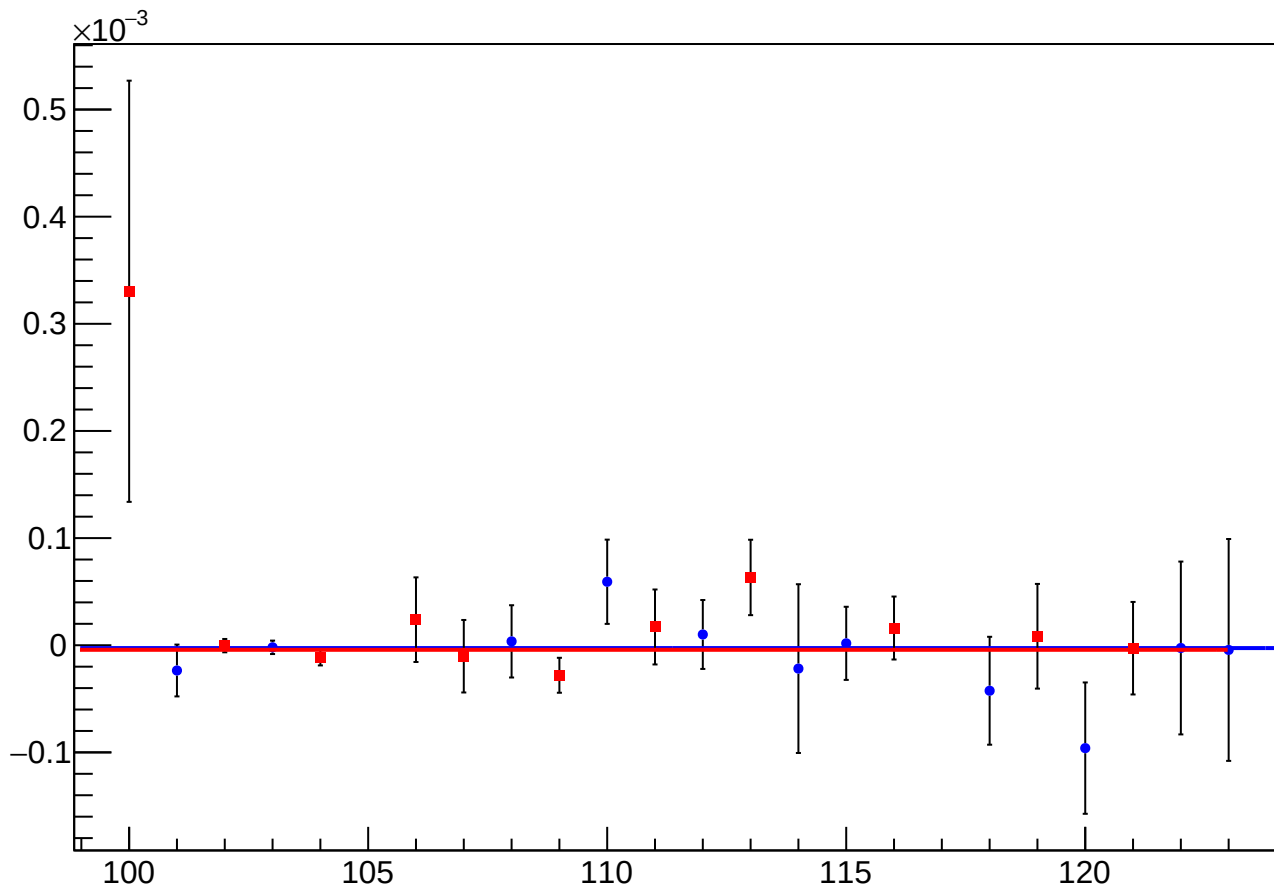
Right: 318.151+/-0.087 χ^2/NDF : 2721389.9/21

In: 338.449+/-0.129 χ^2/NDF : 1074983.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.151+/-0.087 χ^2/NDF : 2721389.9/21

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/10

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

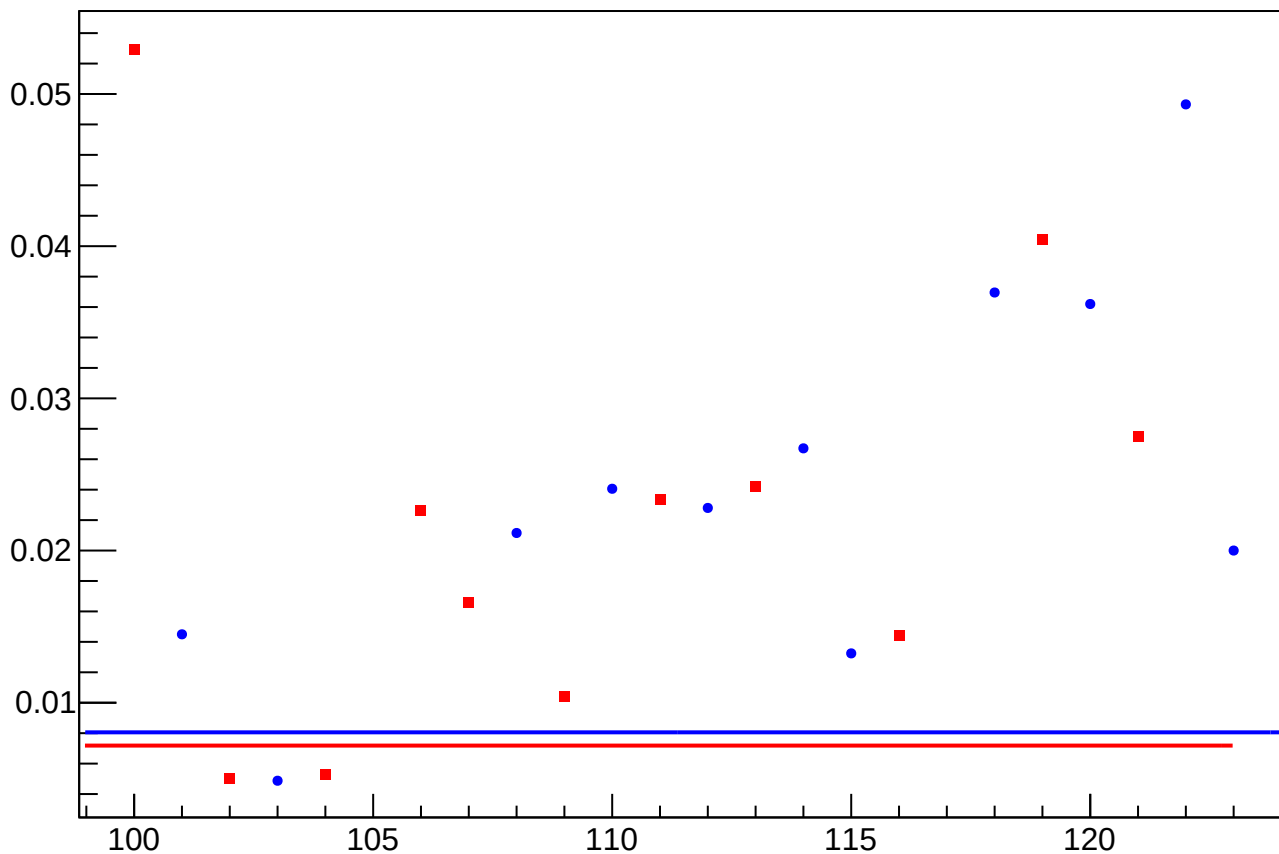
Right: -0.000+/-0.000 χ^2/NDF : 18.0/21

In: -0.000+/-0.000 χ^2/NDF : 6.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/21

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 3499212.7/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 3409511.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

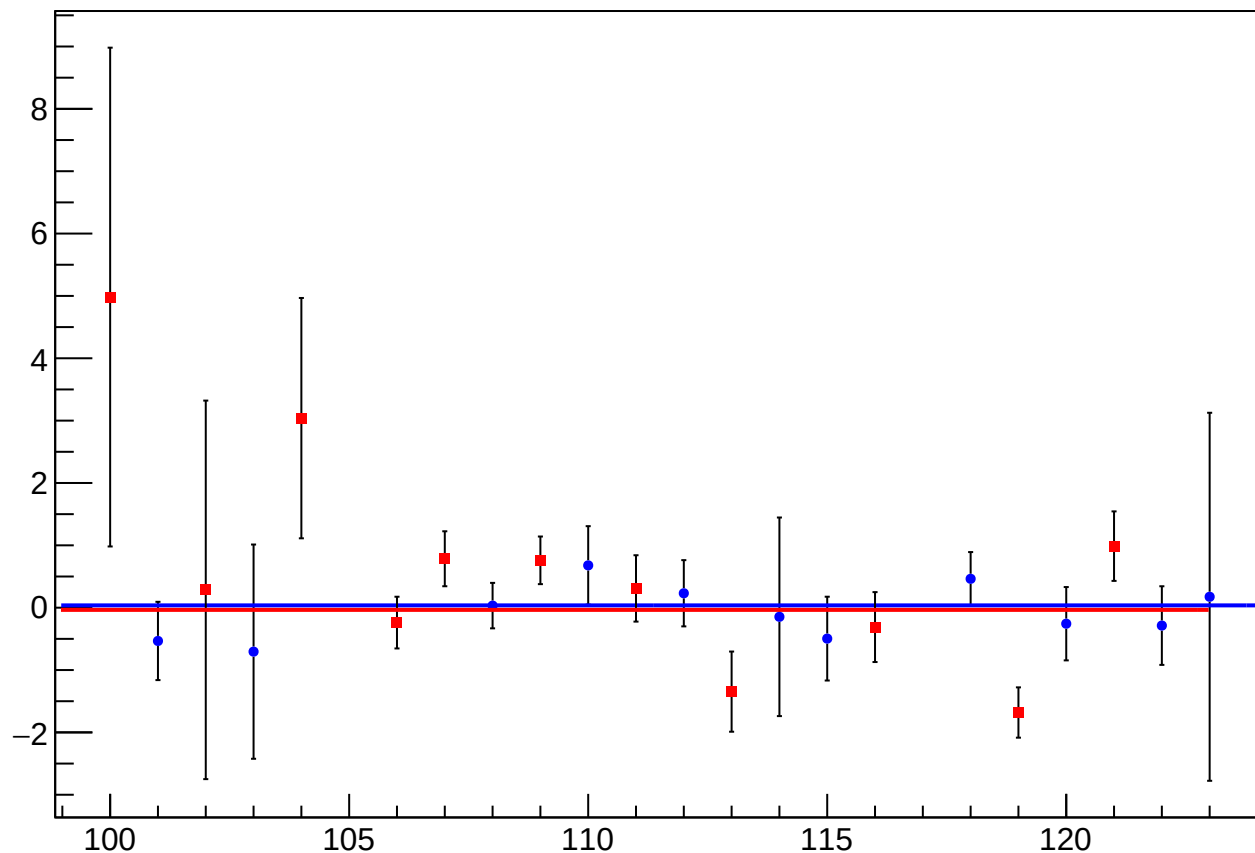
Right: 0.008+/-0.000 χ^2/NDF : 6938803.7/21

In: 0.008+/-0.000 χ^2/NDF :3499212.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 6938803.7/21

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.182 χ^2/NDF : 4.3/10

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

Right Out: -0.035+/-0.165 χ^2/NDF : 37.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

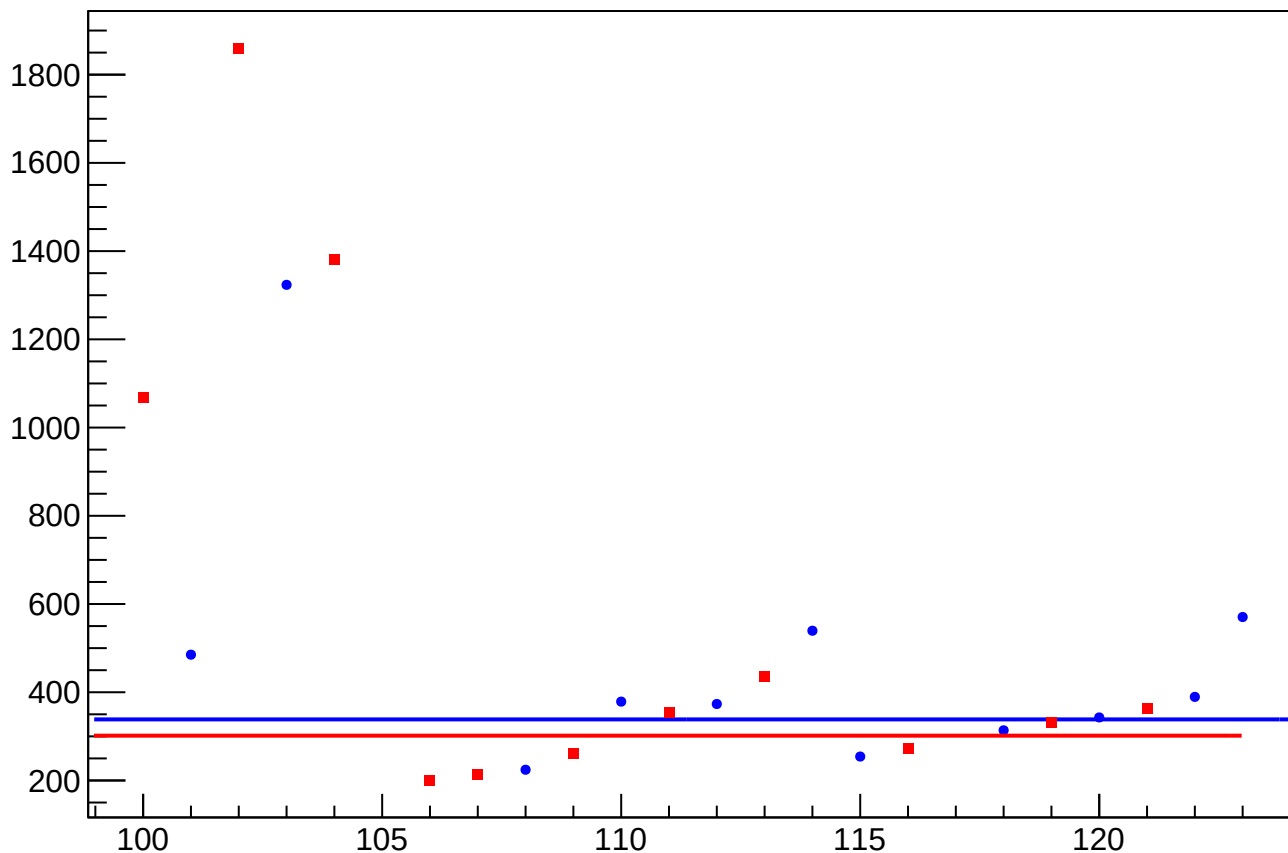
Right: -0.003+/-0.122 χ^2/NDF : 41.4/21

In: 0.037+/-0.182 χ^2/NDF : 4.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.122 χ^2/NDF : 41.4/21

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 338.446+/-0.129 χ^2/NDF : 1075011.3/10

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

Right Out: 301.564+/-0.117 χ^2/NDF : 1601429.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

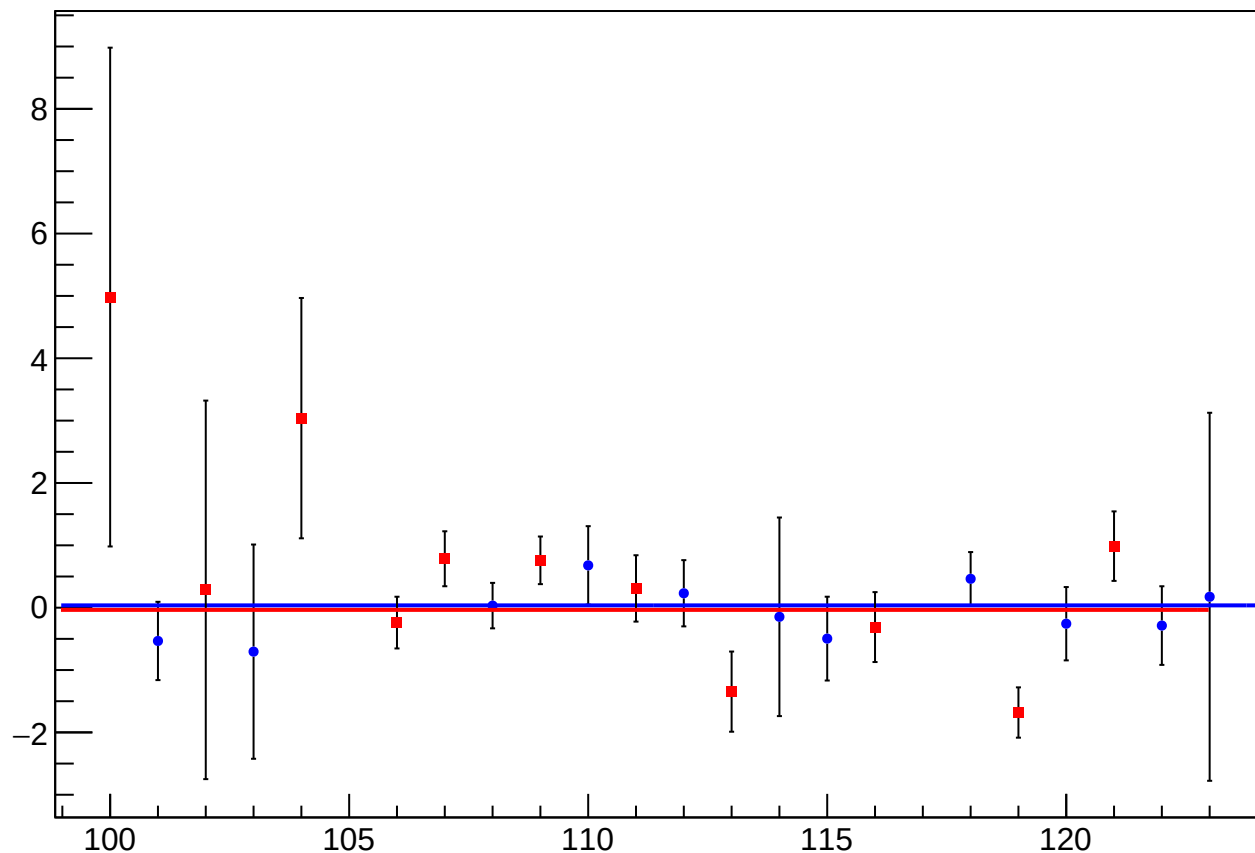
Right: 318.150+/-0.087 χ^2/NDF : 2721407.1/21

In: 338.446+/-0.129 χ^2/NDF : 1075011.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.150+/-0.087 χ^2/NDF : 2721407.1/21

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.182 χ^2/NDF : 4.3/10

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

Right Out: -0.035+/-0.165 χ^2/NDF : 37.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

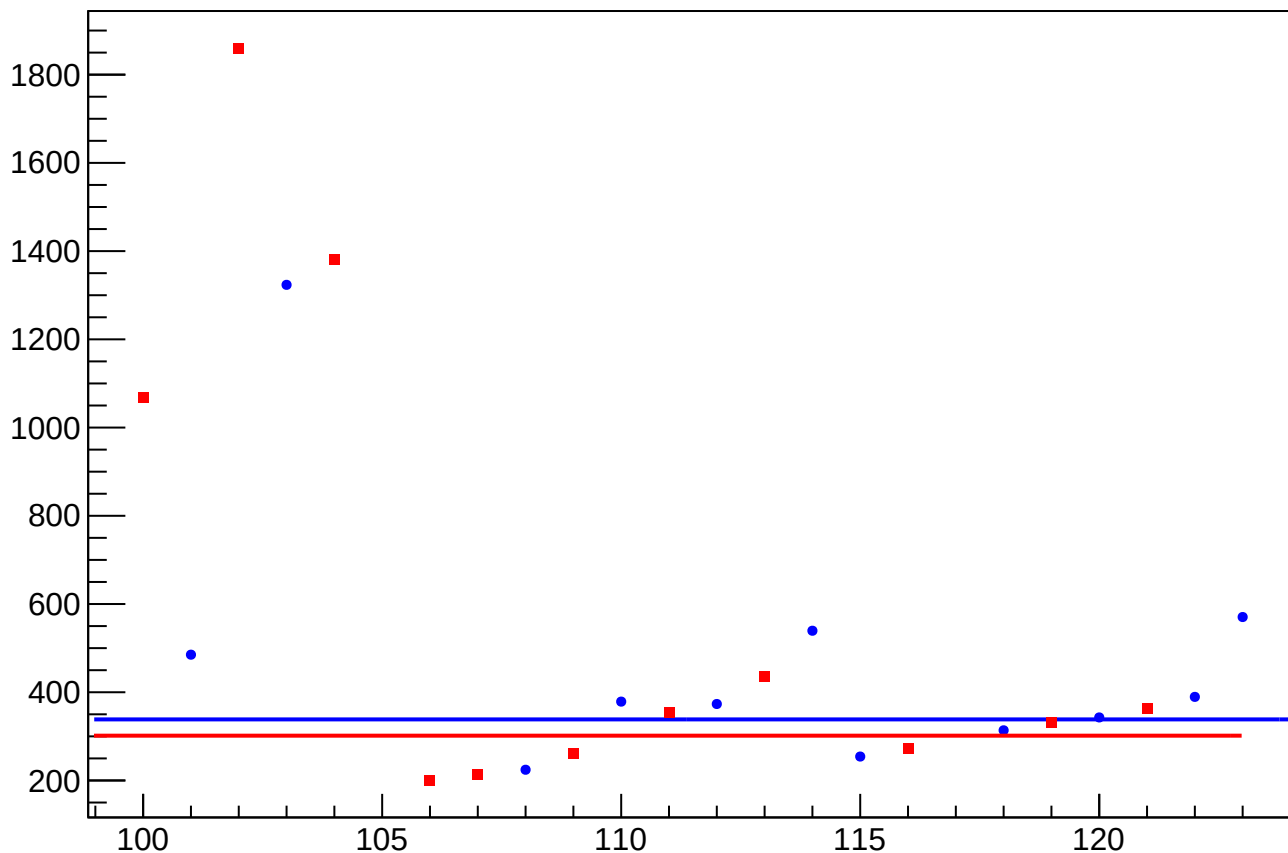
Right: -0.003+/-0.122 χ^2/NDF : 41.4/21

In: 0.037+/-0.182 χ^2/NDF :4.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.122 χ^2/NDF : 41.4/21

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 338.446+/-0.129 χ^2/NDF : 1075011.3/10

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

Right Out: 301.564+/-0.117 χ^2/NDF : 1601429.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

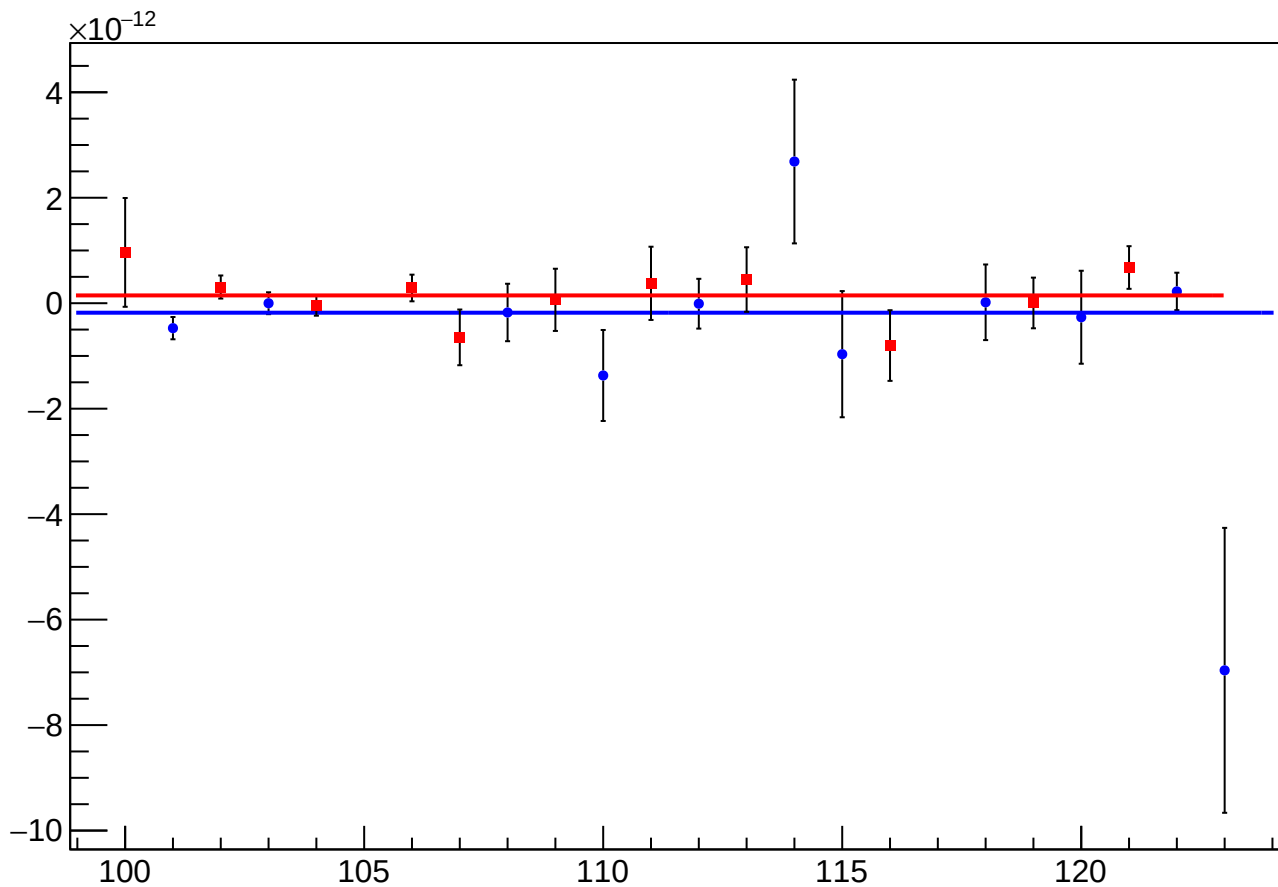
Right: 318.150+/-0.087 χ^2/NDF : 2721407.1/21

In: 338.446+/-0.129 χ^2/NDF : 1075011.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.150+/-0.087 χ^2/NDF : 2721407.1/21

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.2/10

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

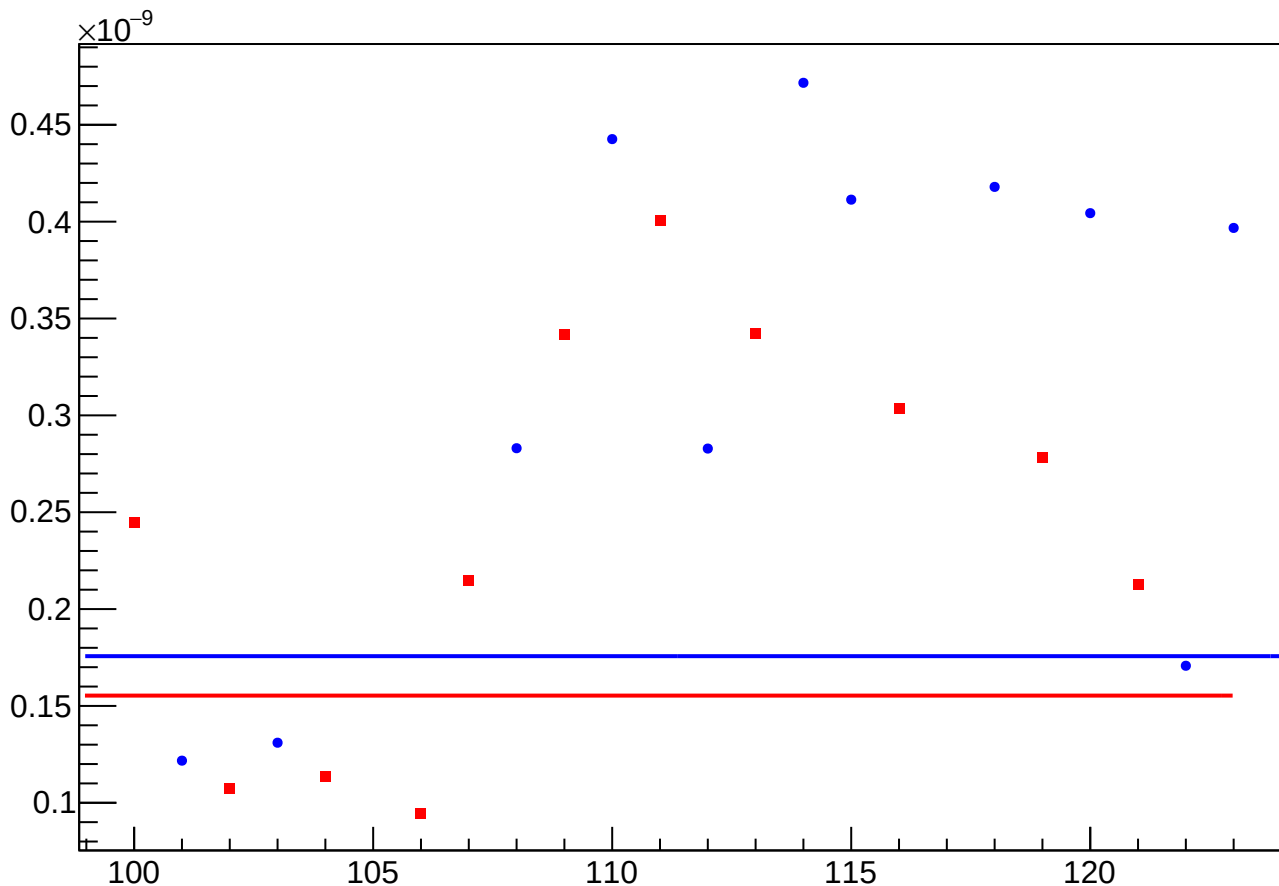
Right: 0.000+/-0.000 χ^2/NDF : 29.2/21

In: -0.000+/-0.000 χ^2/NDF : 16.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.2/21

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1122385.5/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1248026.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

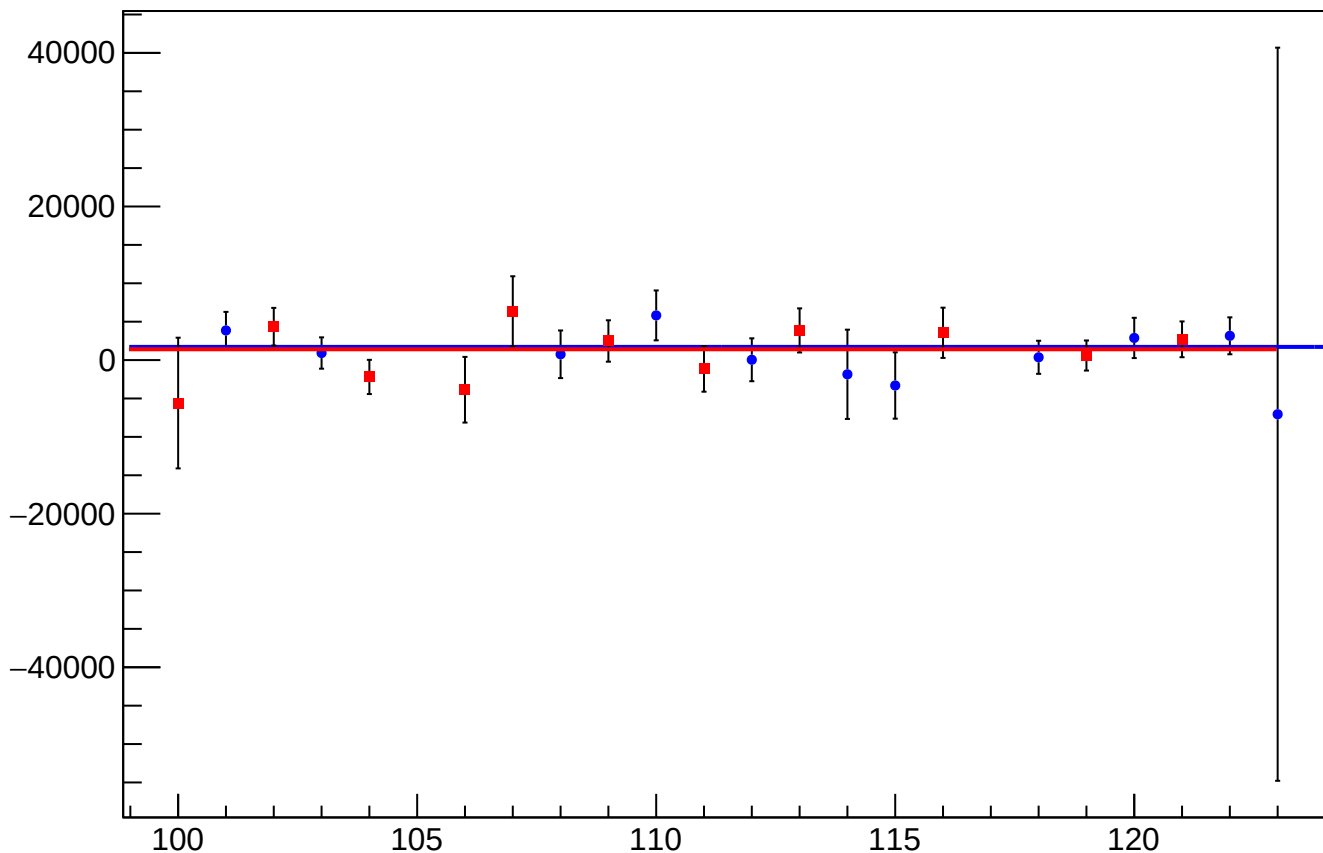
Right: 0.000+/-0.000 χ^2/NDF : 2401955.8/21

In: 0.000+/-0.000 χ^2/NDF : 1122385.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2401955.8/21

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1716.694+/-858.444 χ^2/NDF : 5.7/10

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

Right Out: 1406.847+/-846.785 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

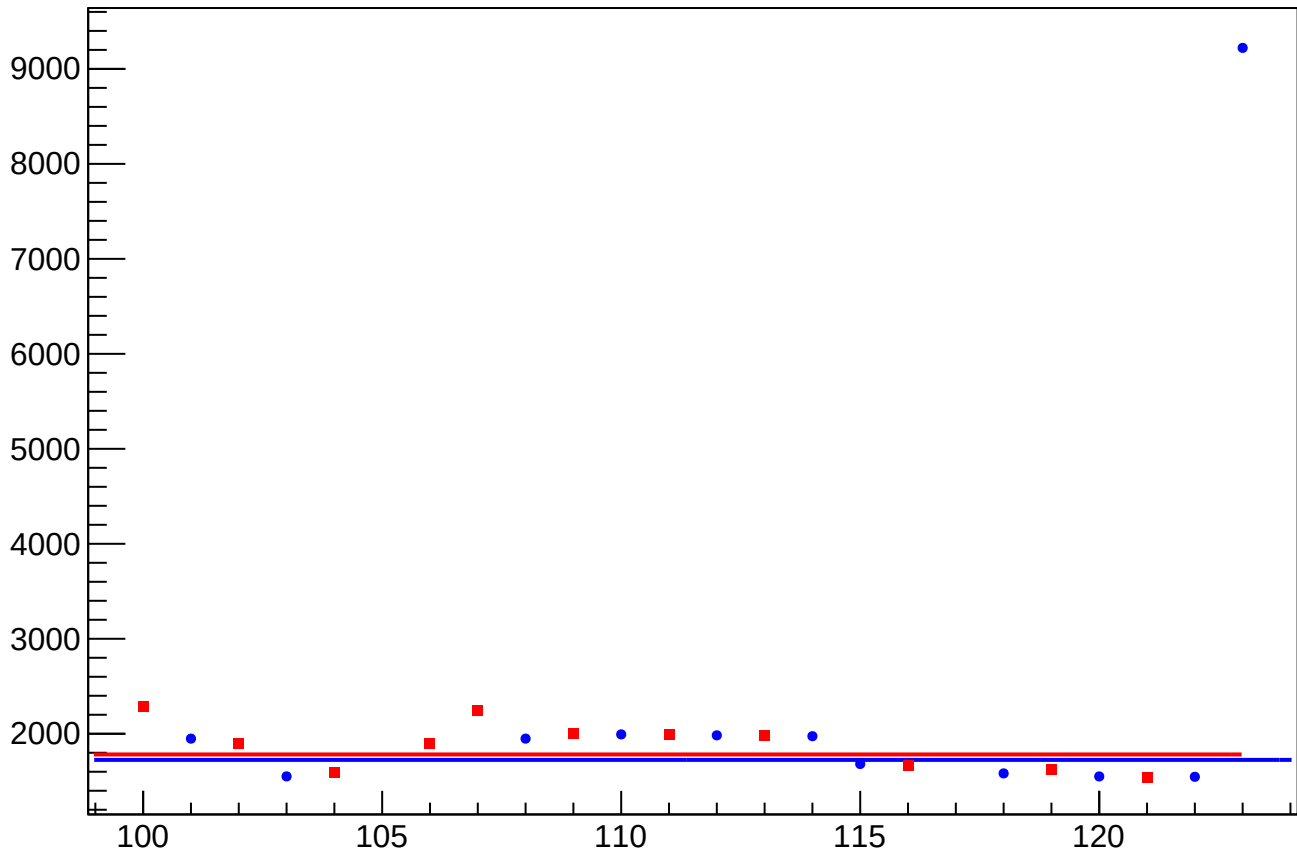
Right: 1559.652+/-602.847 χ^2/NDF : 15.7/21

In: 1716.694+/-858.444 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.652+/-602.847 χ^2/NDF : 15.7/21

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1724.985+/-0.607 χ^2/NDF : 154700.5/10

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

Right Out: 1782.158+/-0.594 χ^2/NDF : 119074.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

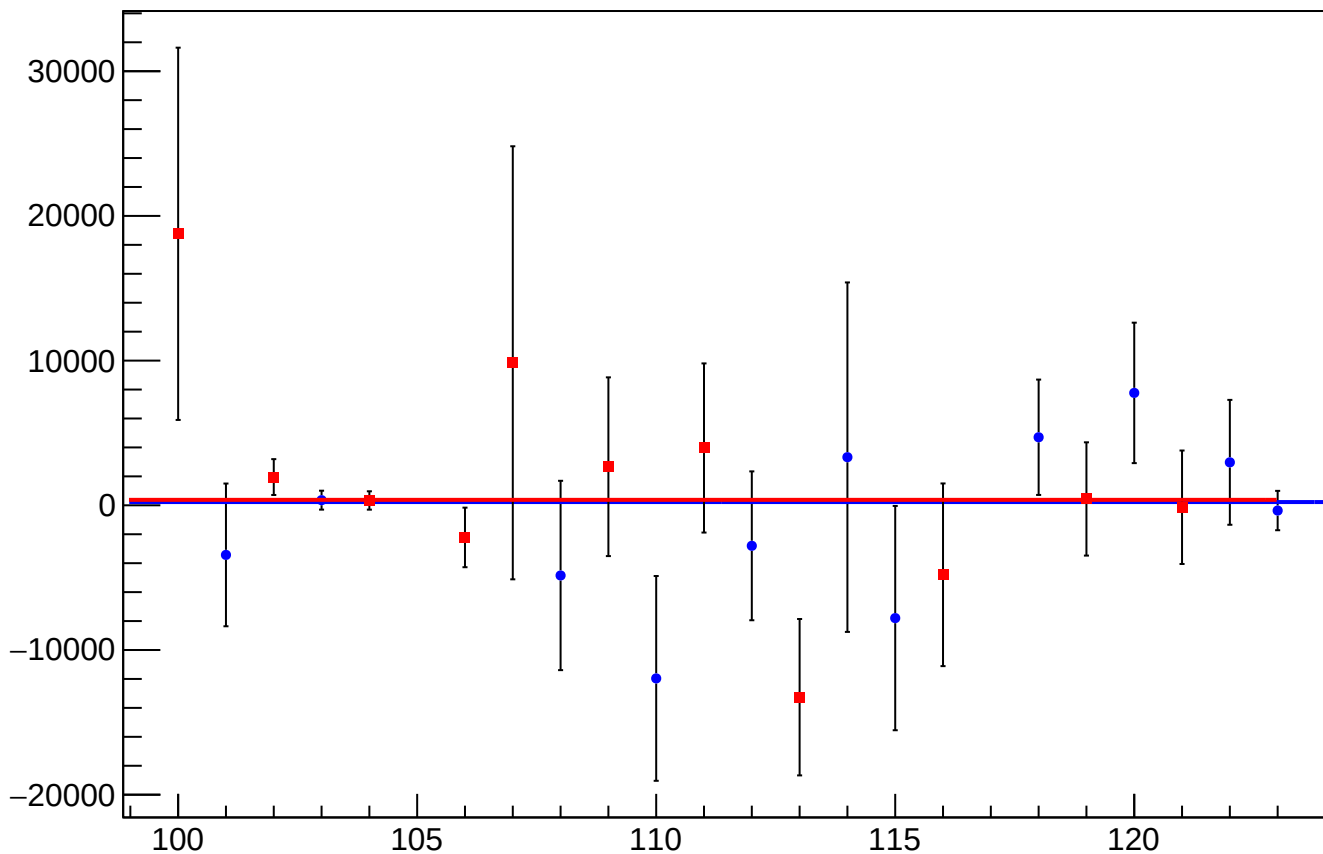
Right: 1754.197+/-0.425 χ^2/NDF : 278307.9/21

In: 1724.985+/-0.607 χ^2/NDF : 154700.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.197+/-0.425 χ^2/NDF : 278307.9/21

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 224.991+/-560.482 χ^2/NDF : 9.9/10

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

Right Out: 377.216+/-524.852 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

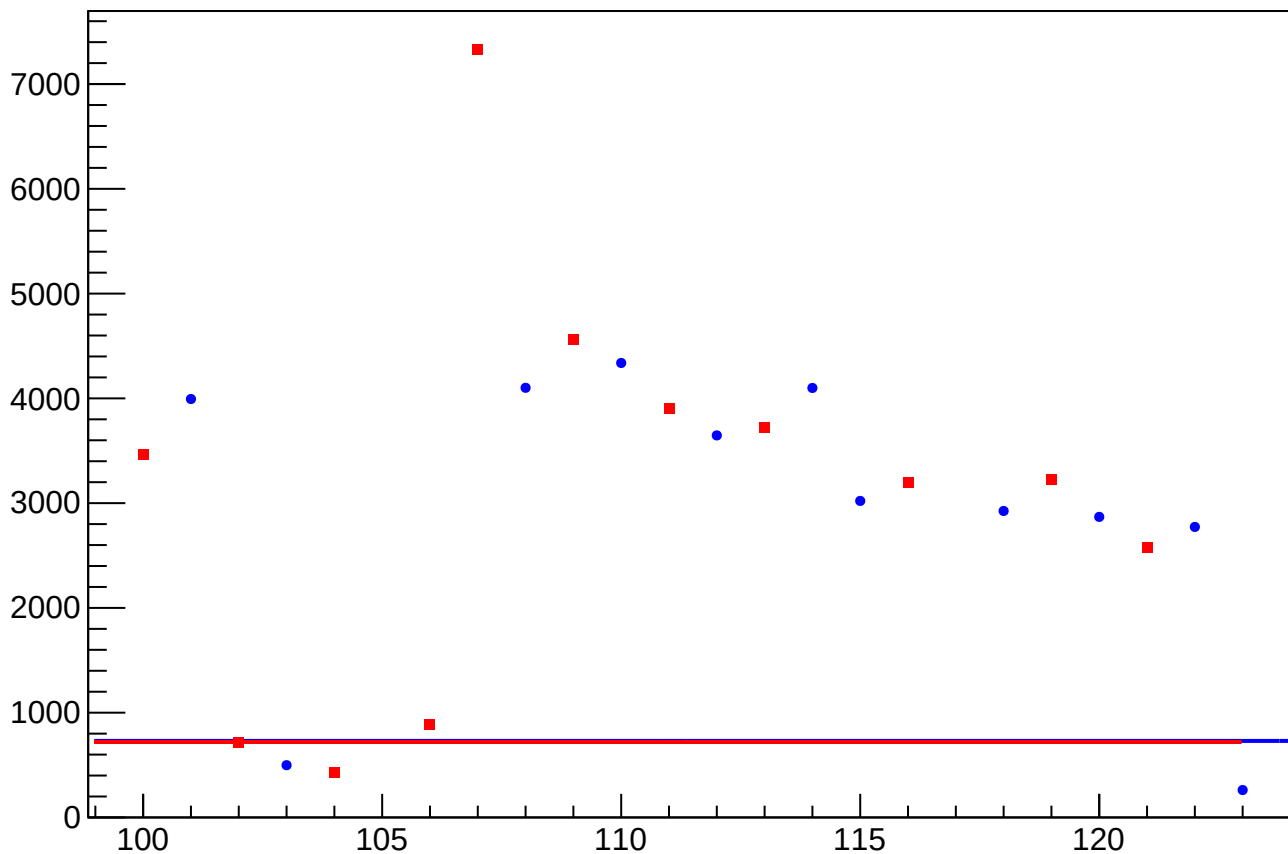
Right: 306.095+/-383.104 χ^2/NDF : 23.2/21

In: 224.991+/-560.482 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.095+/-383.104 χ^2/NDF : 23.2/21

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 730.594+/-0.396 χ^2/NDF : 4830174.2/10

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

Right Out: 720.303+/-0.371 χ^2/NDF : 4485989.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

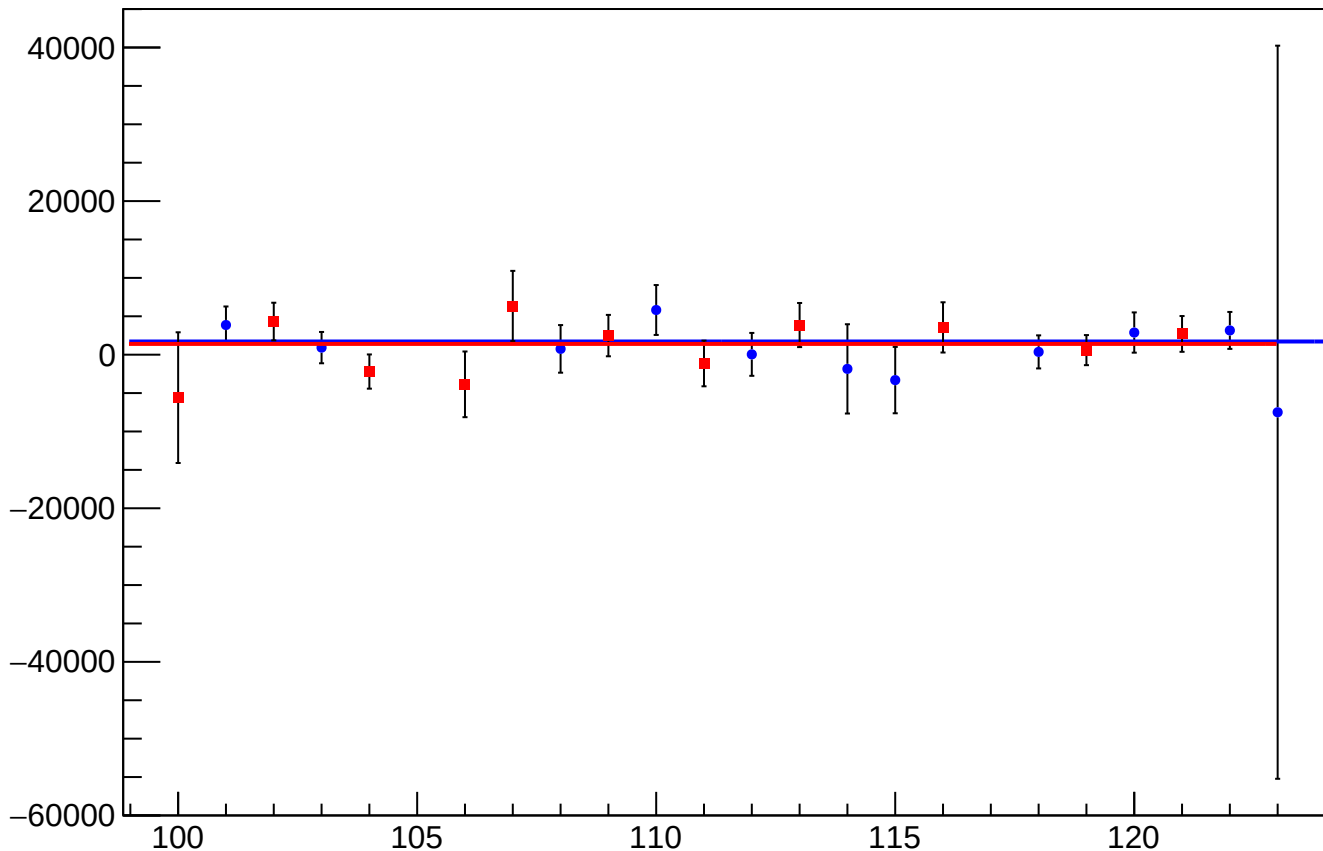
Right: 725.111+/-0.271 χ^2/NDF : 9316523.1/21

In: 730.594+/-0.396 χ^2/NDF : 4830174.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 725.111+/-0.271 χ^2/NDF : 9316523.1/21

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1716.833+/-858.445 χ^2/NDF : 5.7/10

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

Right Out: 1402.700+/-846.797 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

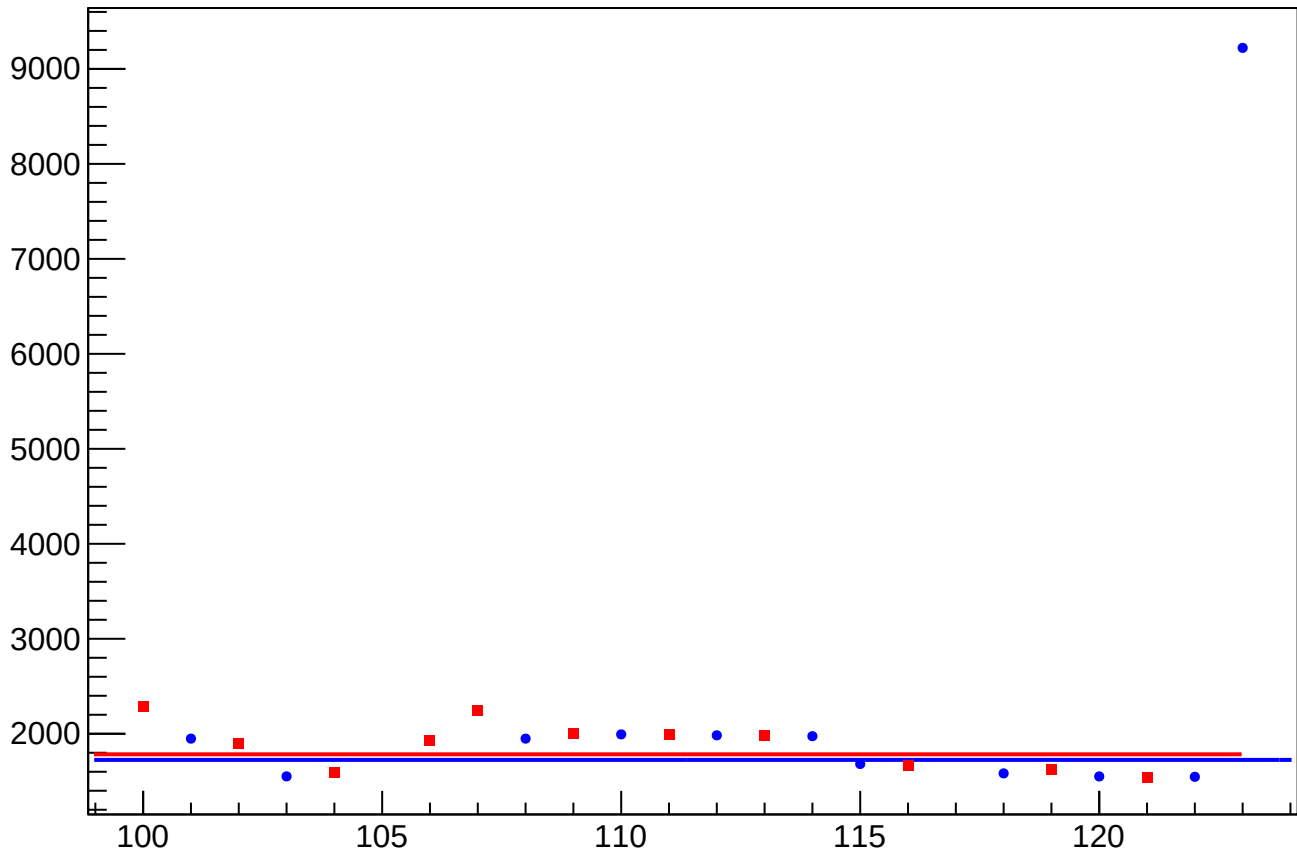
Right: 1557.621+/-602.852 χ^2/NDF : 15.7/21

In: 1716.833+/-858.445 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.621+/-602.852 χ^2/NDF : 15.7/21

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1724.984+/-0.607 χ^2/NDF : 154700.8/10

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

Right Out: 1783.708+/-0.594 χ^2/NDF : 120275.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

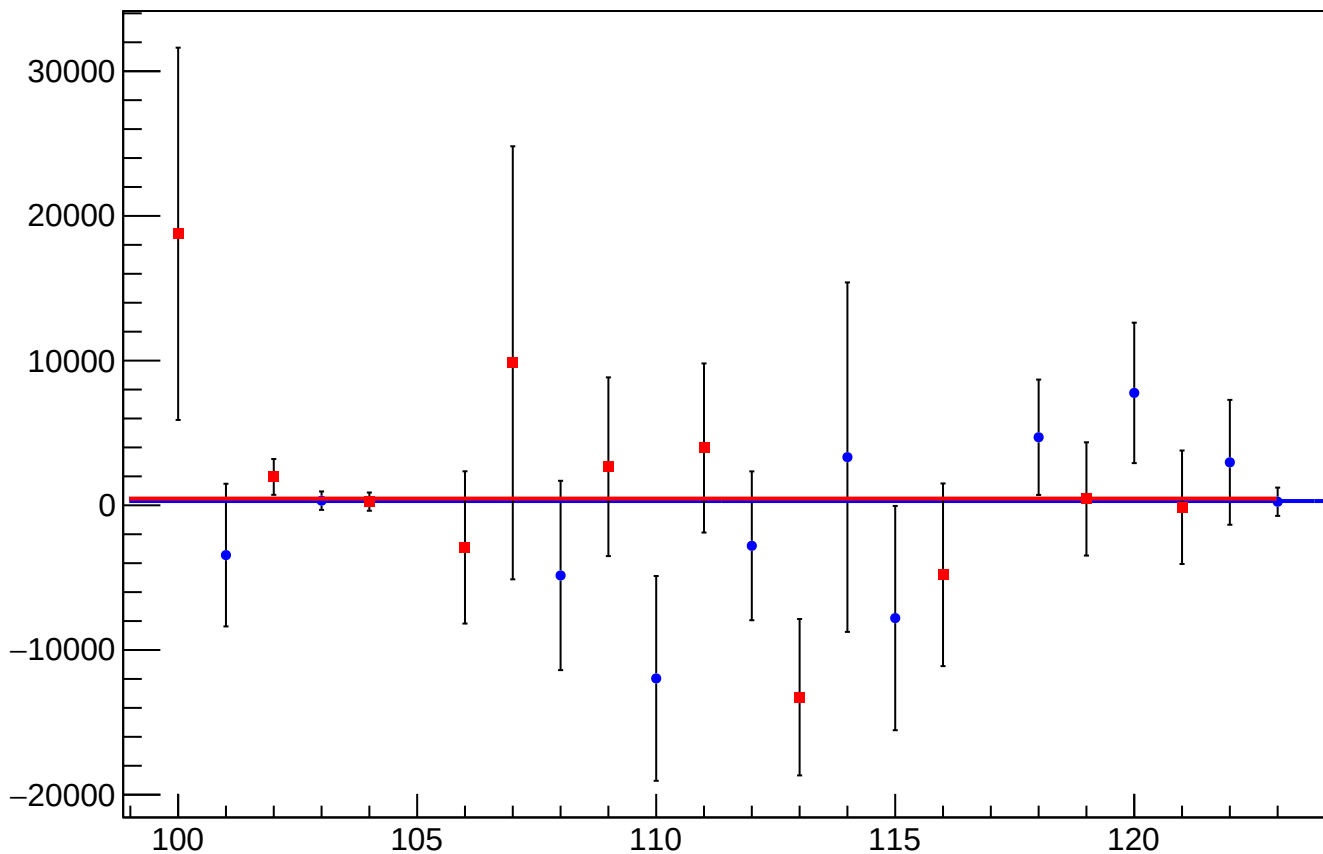
Right: 1754.964+/-0.425 χ^2/NDF : 279754.6/21

In: 1724.984+/-0.607 χ^2/NDF : 154700.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.964+/-0.425 χ^2/NDF : 279754.6/21

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 295.219+/-512.304 χ^2/NDF : 9.7/10

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

Right Out: 463.359+/-537.174 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

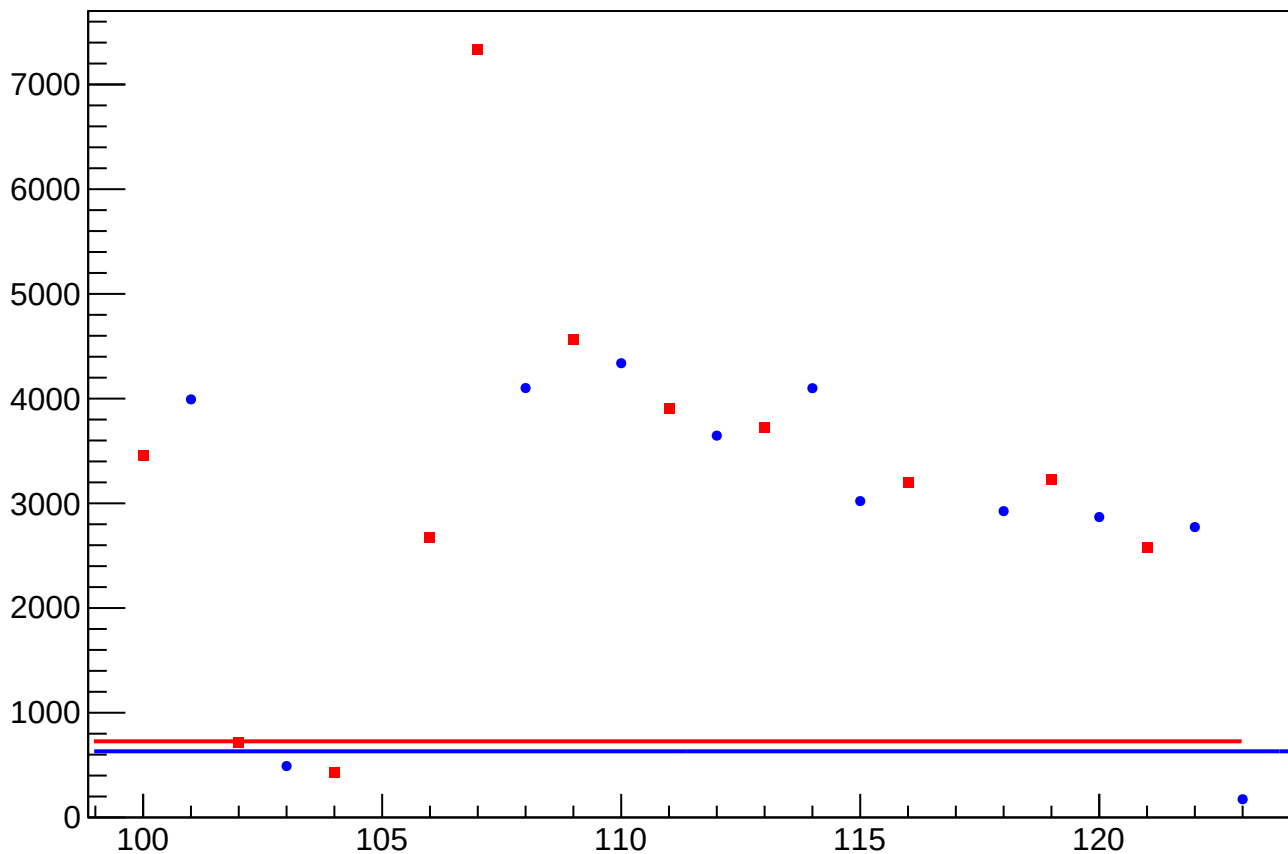
Right: 375.307+/-370.734 χ^2/NDF : 21.8/21

In: 295.219+/-512.304 χ^2/NDF :9.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 375.307+/-370.734 χ^2/NDF : 21.8/21

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 631.639+/-0.362 χ^2/NDF : 5198240.4/10

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

Right Out: 727.024+/-0.380 χ^2/NDF : 4756937.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

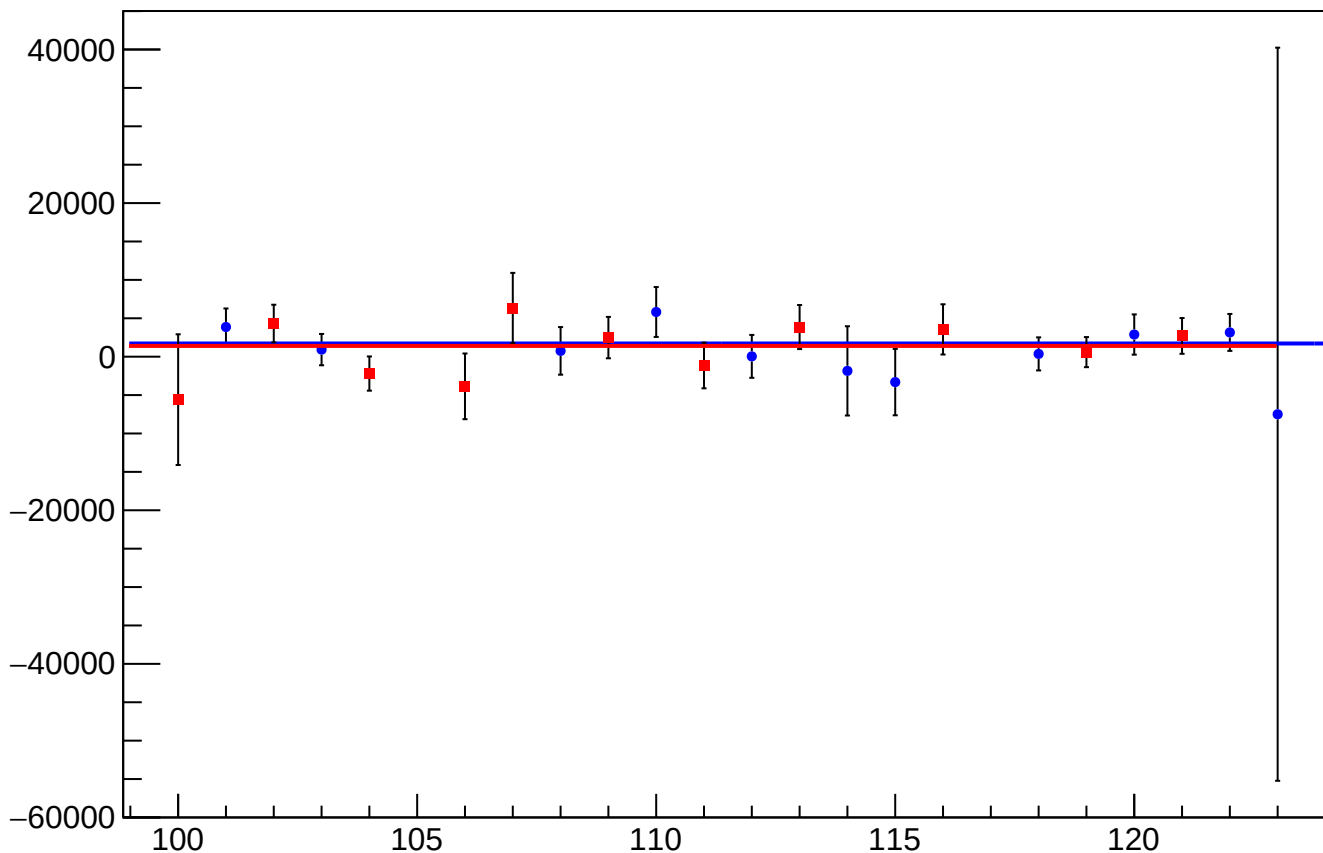
Right: 677.072+/-0.262 χ^2/NDF : 9988201.8/21

In: 631.639+/-0.362 χ^2/NDF : 5198240.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.072+/-0.262 χ^2/NDF : 9988201.8/21

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1716.833+/-858.445 χ^2/NDF : 5.7/10

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

Right Out: 1402.700+/-846.797 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

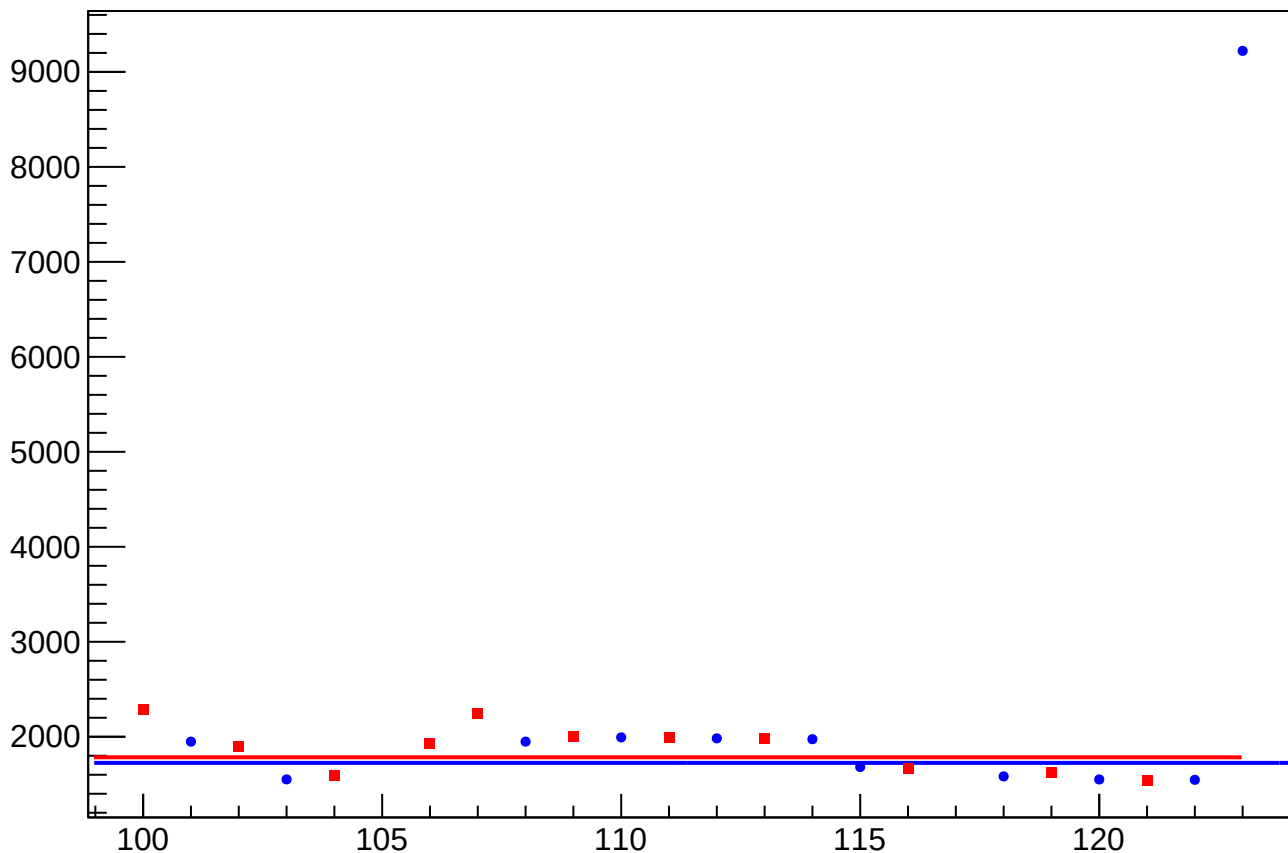
Right: 1557.621+/-602.852 χ^2/NDF : 15.7/21

In: 1716.833+/-858.445 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.621+/-602.852 χ^2/NDF : 15.7/21

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1724.984+/-0.607 χ^2/NDF : 154700.8/10

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

Right Out: 1783.708+/-0.594 χ^2/NDF : 120275.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

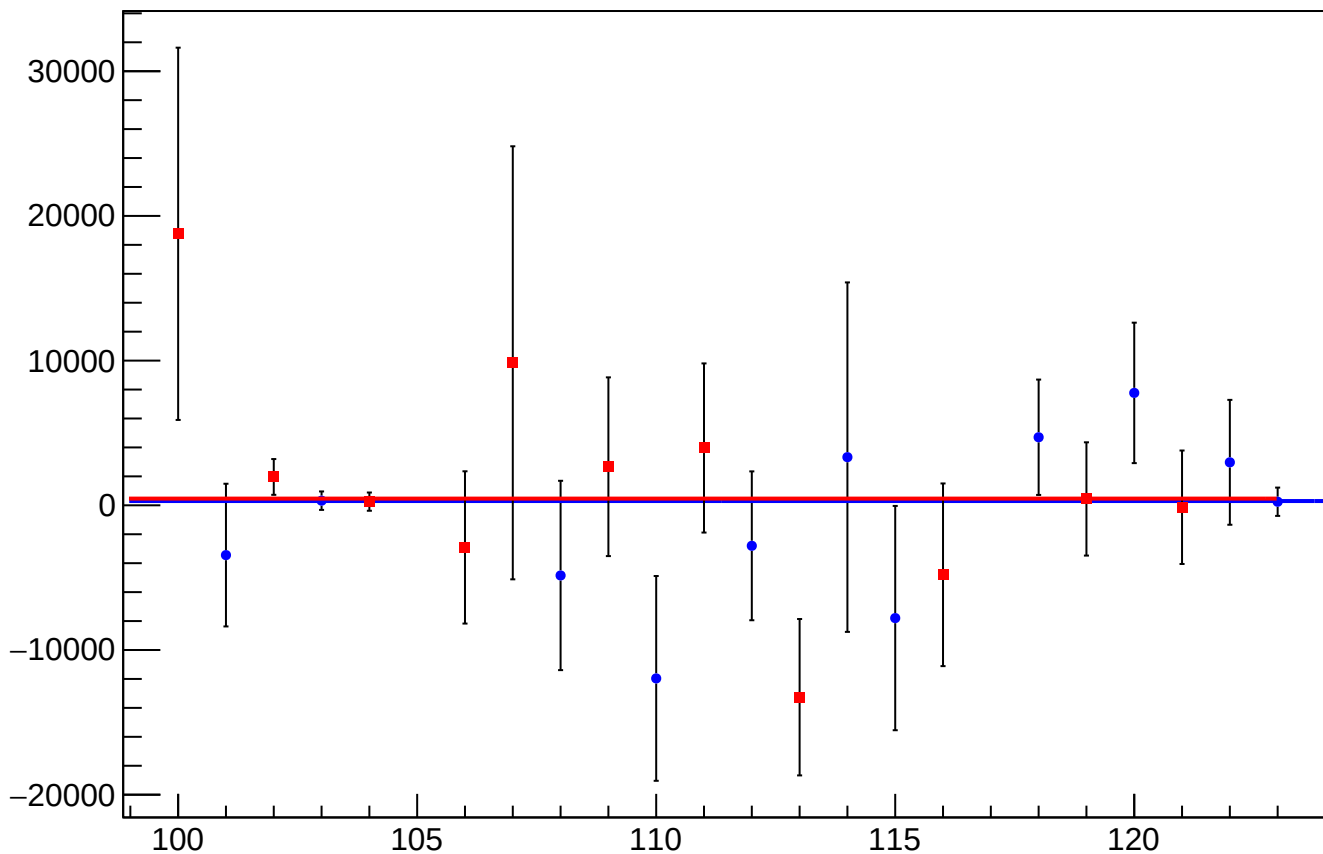
Right: 1754.964+/-0.425 χ^2/NDF : 279754.6/21

In: 1724.984+/-0.607 χ^2/NDF : 154700.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.964+/-0.425 χ^2/NDF : 279754.6/21

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 295.219+/-512.304 χ^2/NDF : 9.7/10

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

Right Out: 463.359+/-537.174 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

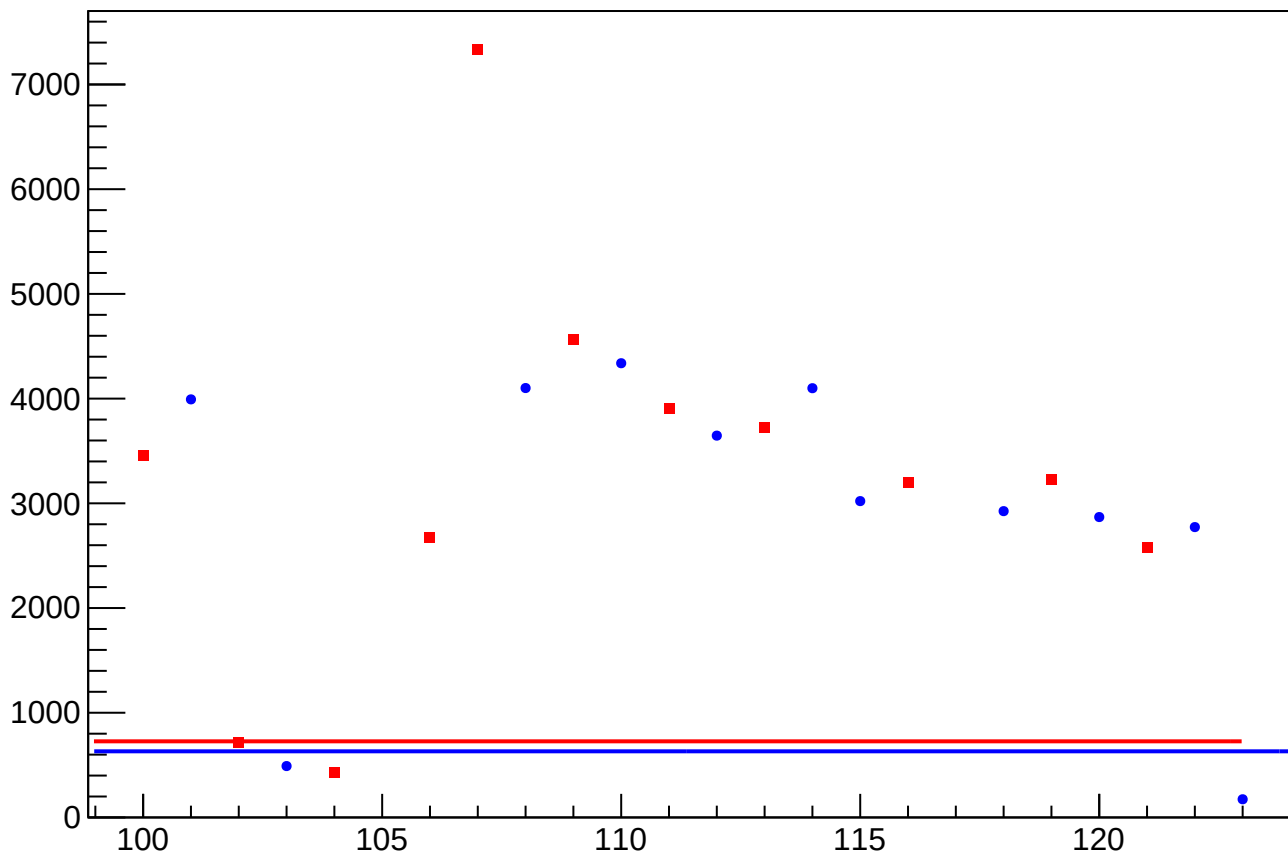
Right: 375.307+/-370.734 χ^2/NDF : 21.8/21

In: 295.219+/-512.304 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.307+/-370.734 χ^2/NDF : 21.8/21

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 631.639+/-0.362 χ^2/NDF : 5198240.4/10

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

Right Out: 727.024+/-0.380 χ^2/NDF : 4756937.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

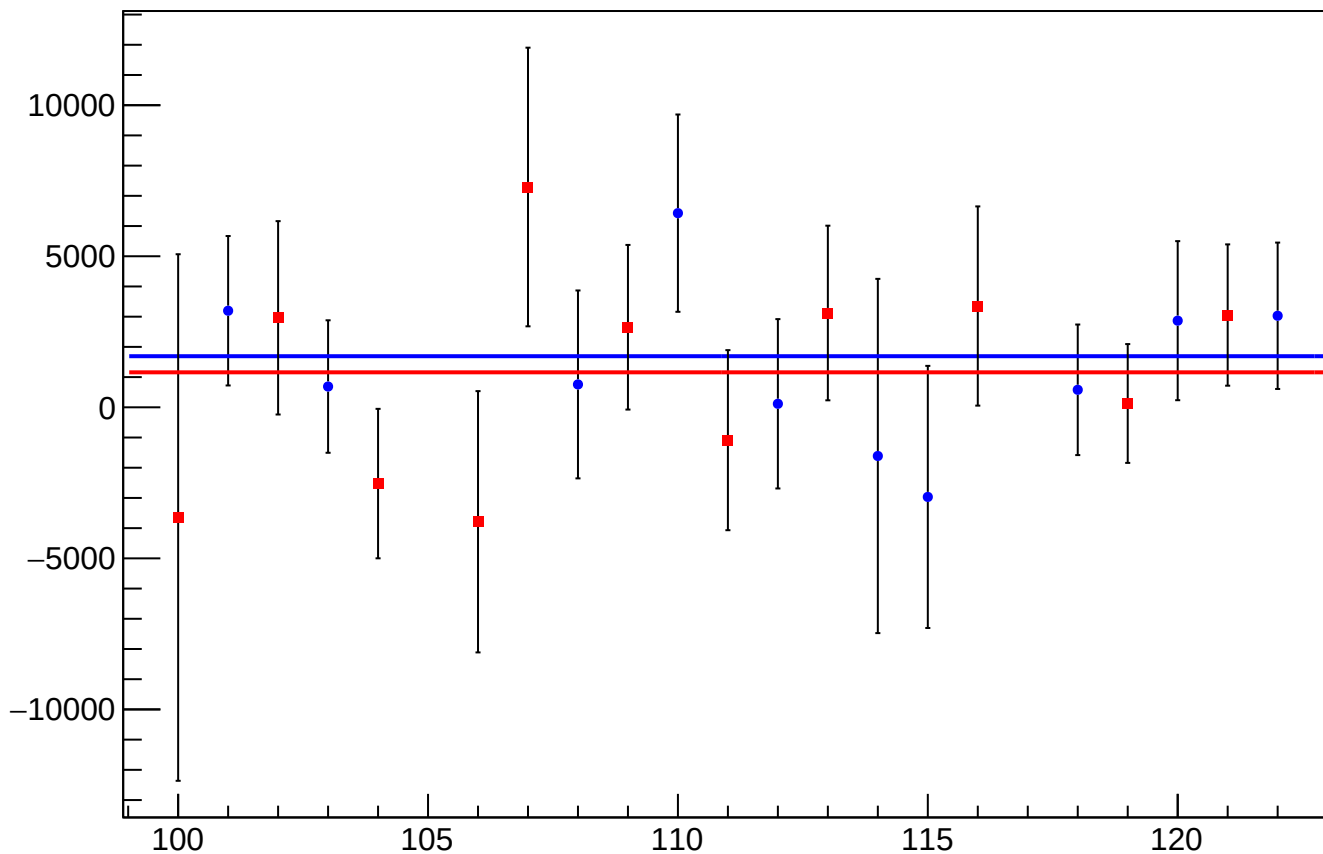
Right: 677.072+/-0.262 χ^2/NDF : 9988201.8/21

In: 631.639+/-0.362 χ^2/NDF : 5198240.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.072+/-0.262 χ^2/NDF : 9988201.8/21

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1691.628+/-874.713 χ^2/NDF : 5.3/9

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

Right Out: 1157.932+/-885.572 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

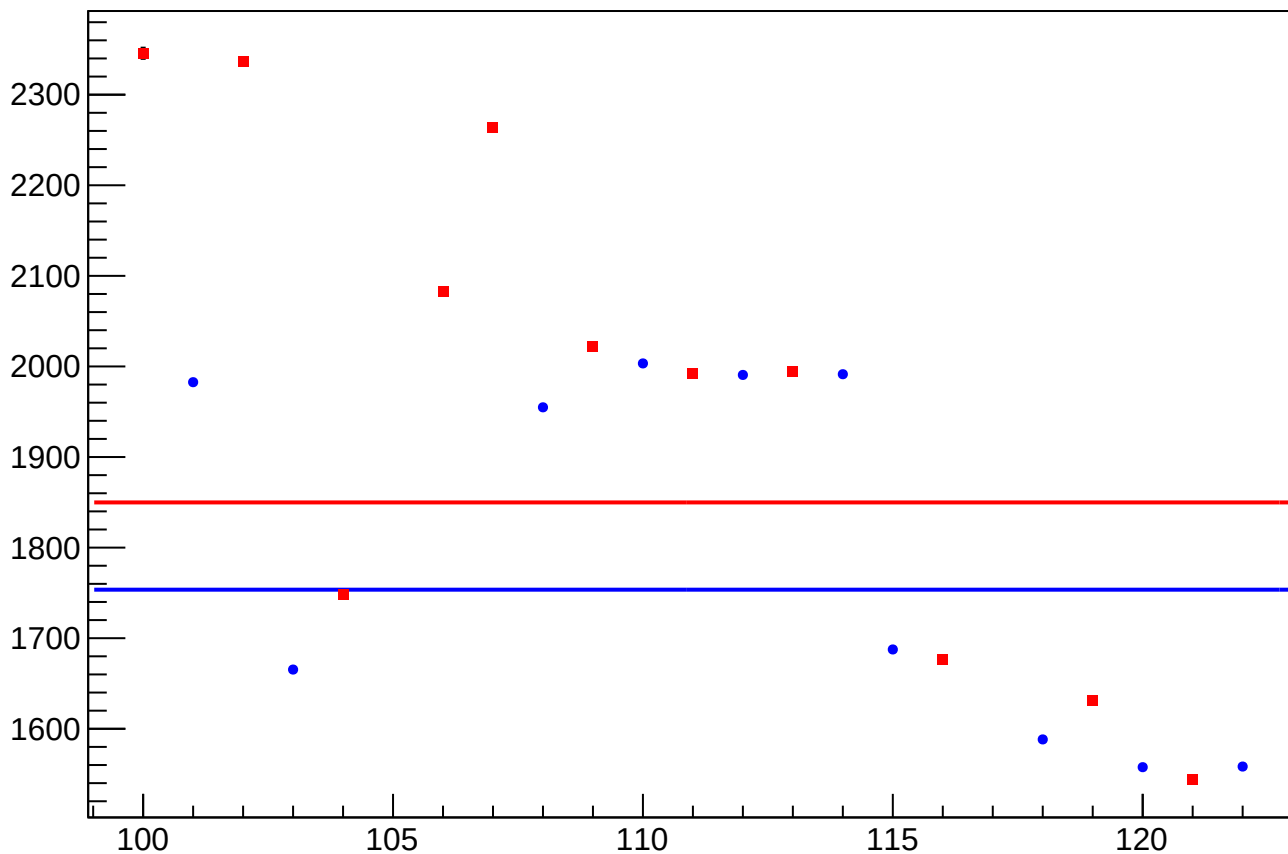
Right: 1428.072+/-622.320 χ^2/NDF : 14.1/20

In: 1691.628+/-874.713 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1428.072+/-622.320 χ^2/NDF : 14.1/20

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1753.563+/-0.619 χ^2/NDF : 94308.0/9

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

Right Out: 1849.886+/-0.624 χ^2/NDF : 161141.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

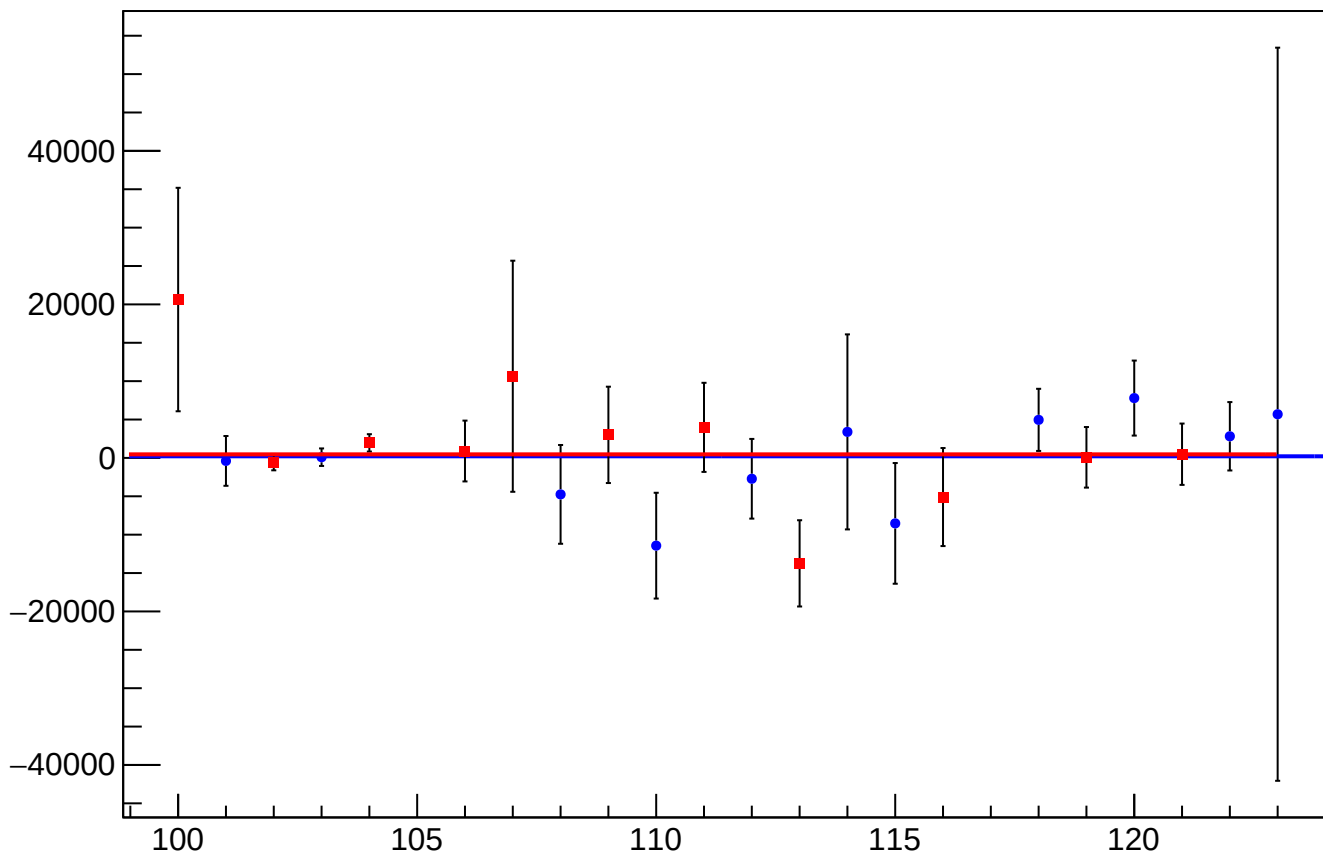
Right: 1801.327+/-0.439 χ^2/NDF : 267475.4/20

In: 1753.563+/-0.619 χ^2/NDF : 94308.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.327+/-0.439 χ^2/NDF : 267475.4/20

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 210.072+/-944.360 χ^2/NDF : 9.3/10

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

Right Out: 464.404+/-711.870 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

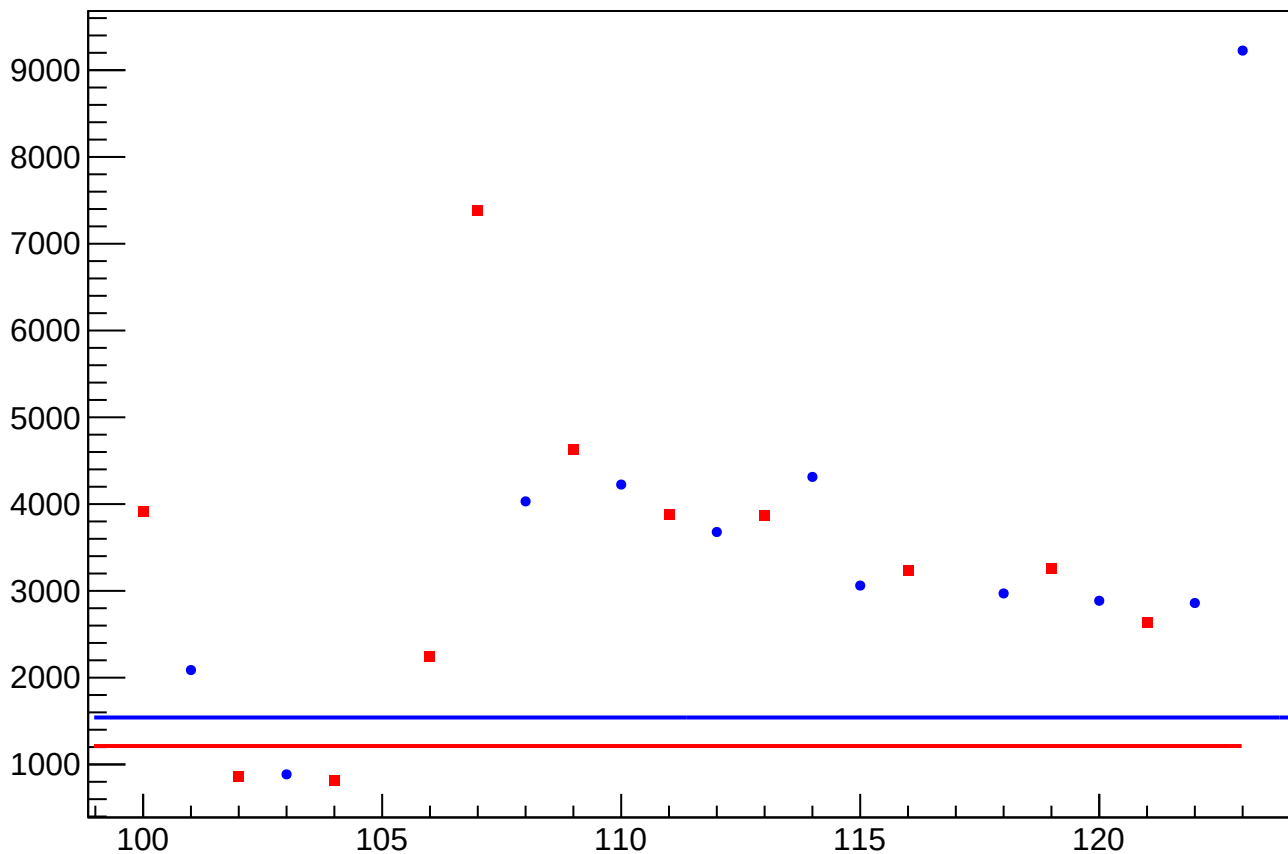
Right: 372.249+/-568.454 χ^2/NDF : 22.0/21

In: 210.072+/-944.360 χ^2/NDF :9.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 372.249+/-568.454 χ^2/NDF : 22.0/21

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1541.075+/-0.668 χ^2/NDF : 2456651.7/10

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

Right Out: 1212.273+/-0.503 χ^2/NDF : 3463489.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

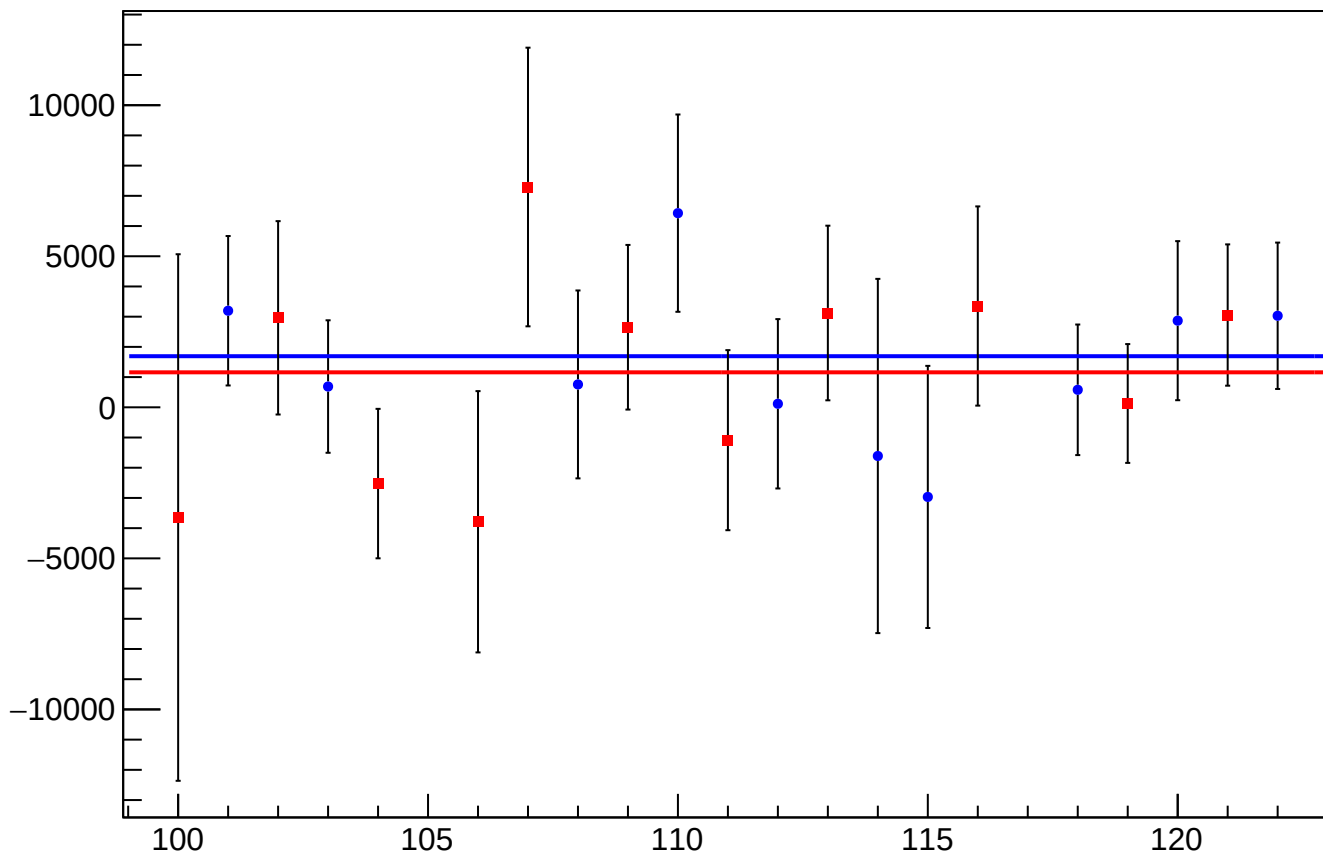
Right: 1331.411+/-0.402 χ^2/NDF : 6074742.4/21

In: 1541.075+/-0.668 χ^2/NDF : 2456651.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.411+/-0.402 χ^2/NDF : 6074742.4/21

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1691.624+/-874.713 χ^2/NDF : 5.3/9

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

Right Out: 1157.935+/-885.572 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

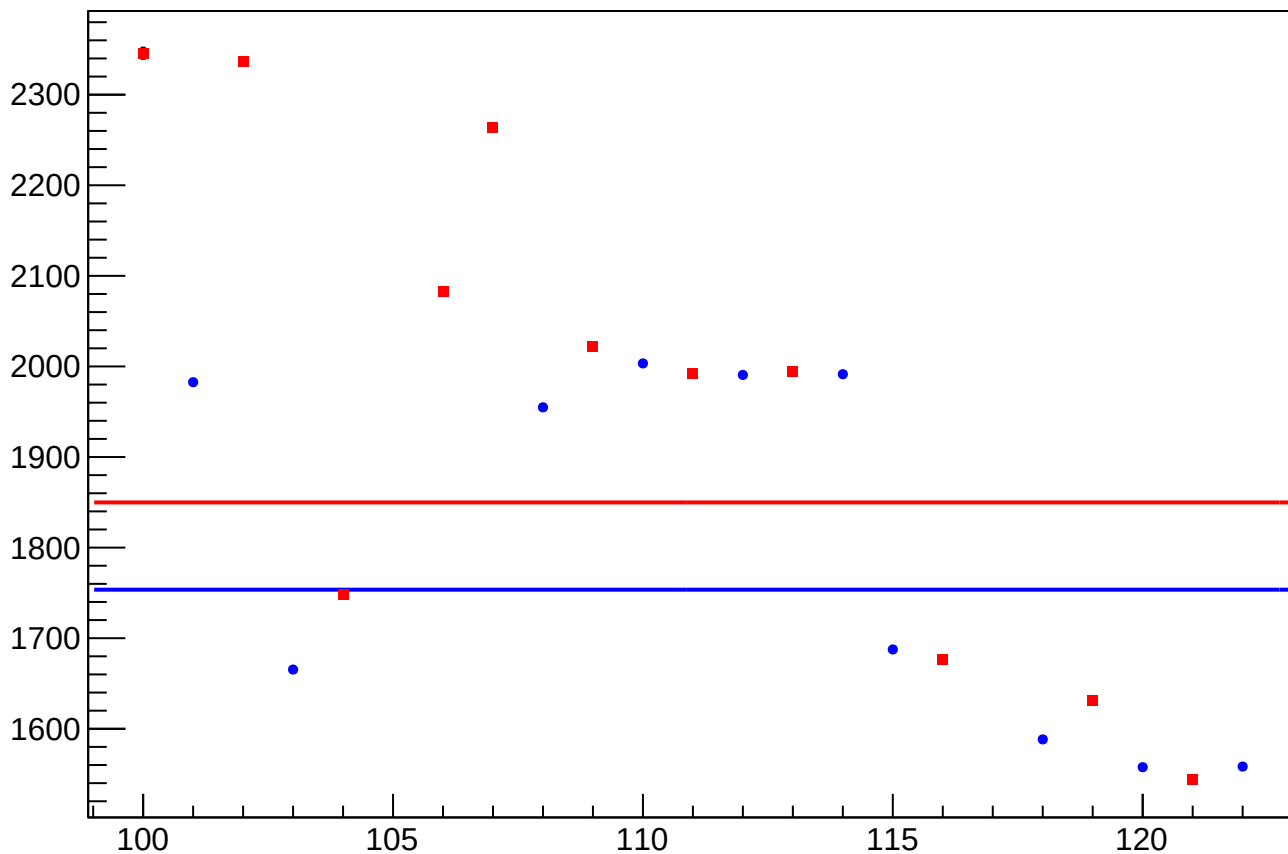
Right: 1428.071+/-622.319 χ^2/NDF : 14.1/20

In: 1691.624+/-874.713 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1428.071+/-622.319 χ^2/NDF : 14.1/20

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1753.563+/-0.619 χ^2/NDF : 94308.4/9

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

Right Out: 1849.885+/-0.624 χ^2/NDF : 161141.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

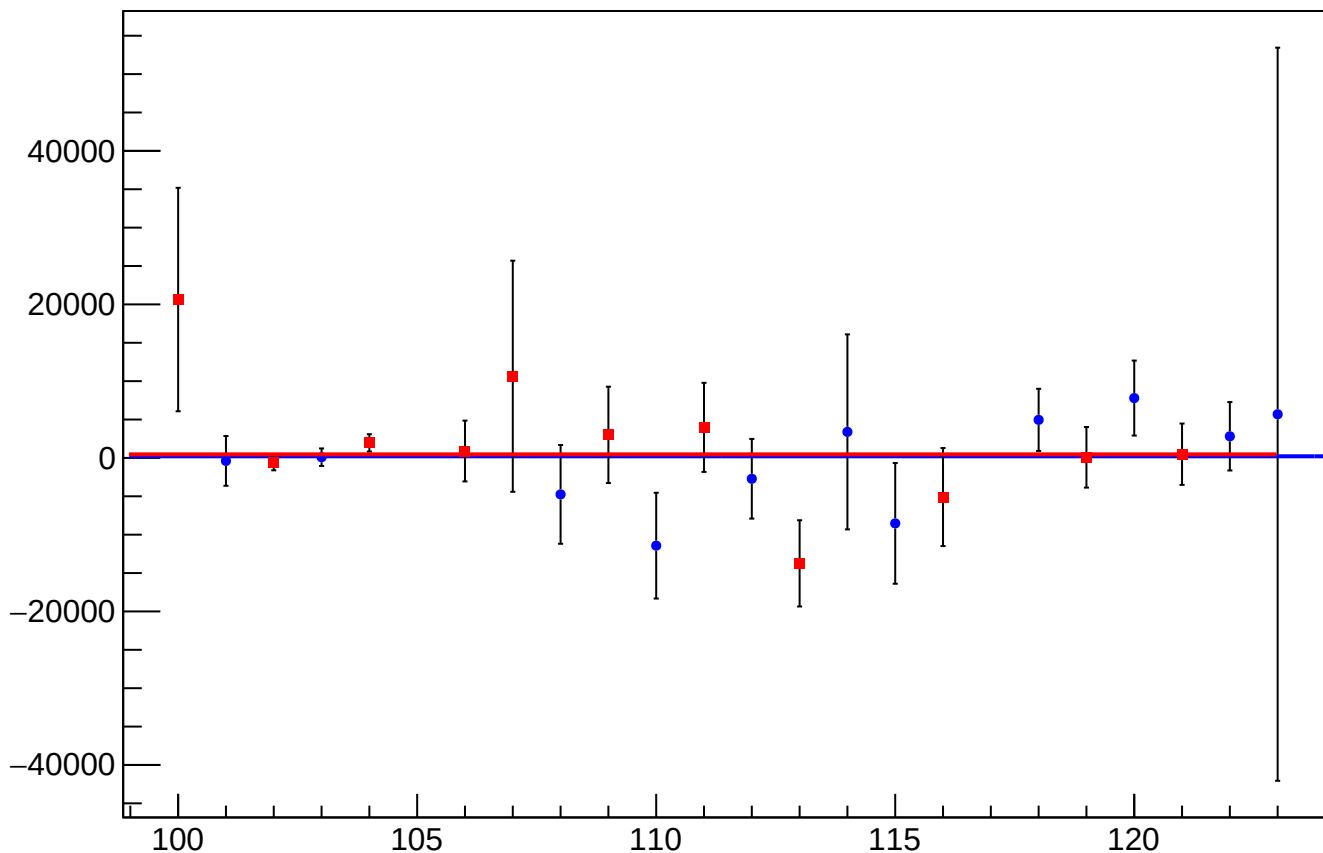
Right: 1801.326+/-0.439 χ^2/NDF : 267475.6/20

In: 1753.563+/-0.619 χ^2/NDF : 94308.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.326+/-0.439 χ^2/NDF : 267475.6/20

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 210.073+/-944.353 χ^2/NDF : 9.3/10

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

Right Out: 464.401+/-711.864 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

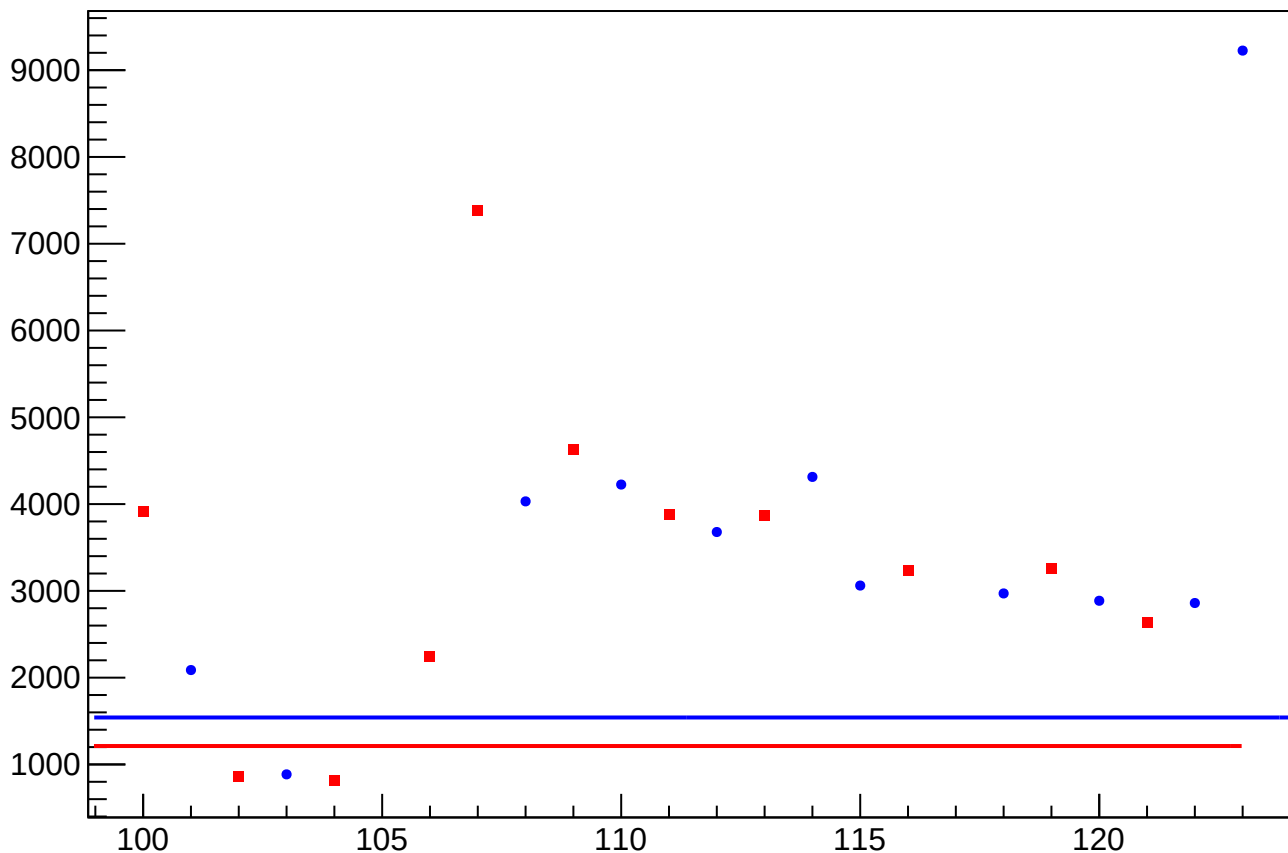
Right: 372.248+/-568.450 χ^2/NDF : 22.0/21

In: 210.073+/-944.353 χ^2/NDF :9.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 372.248+/-568.450 χ^2/NDF : 22.0/21

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1541.061+/-0.668 χ^2/NDF : 2456665.0/10

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

Right Out: 1212.262+/-0.503 χ^2/NDF : 3463505.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

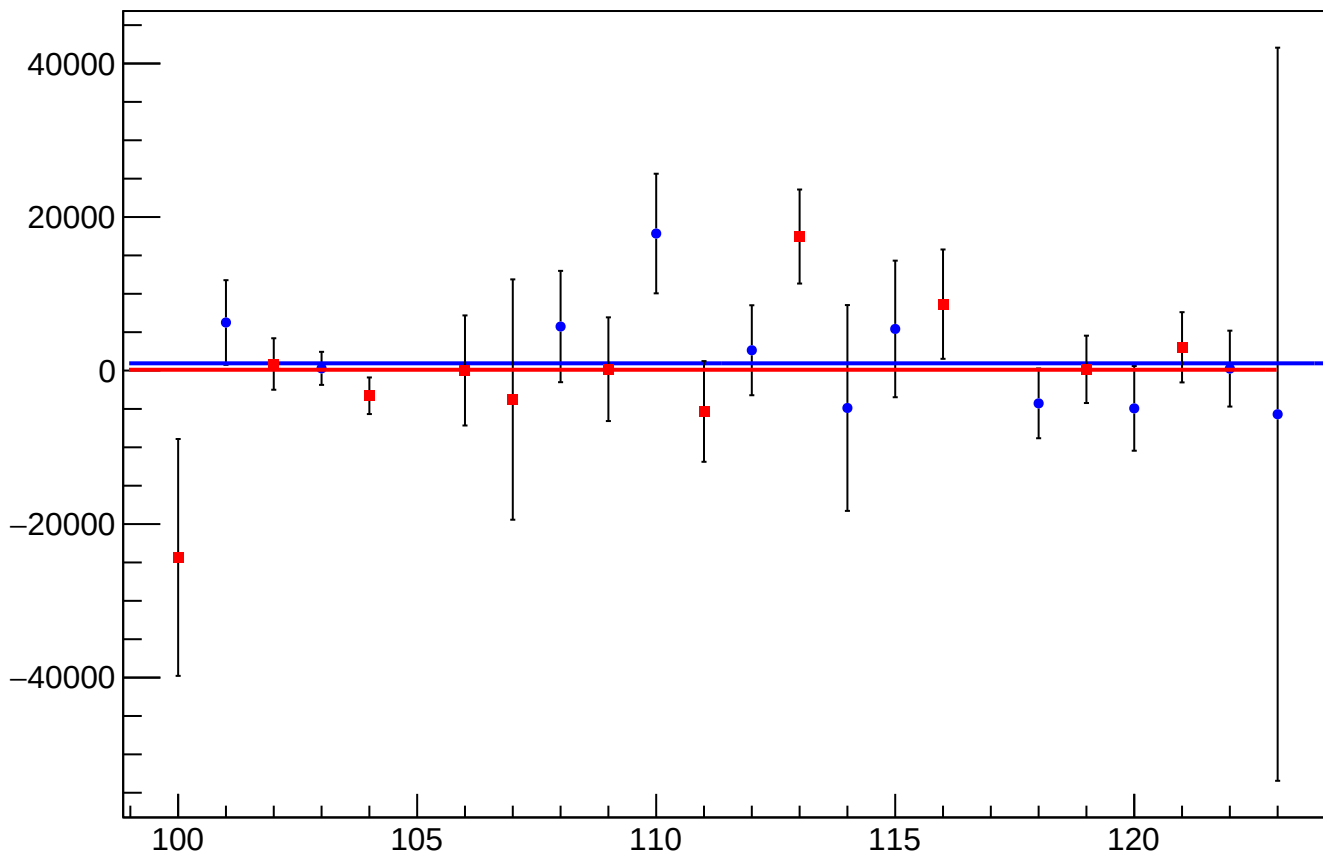
Right: 1331.399+/-0.402 χ^2/NDF : 6074771.2/21

In: 1541.061+/-0.668 χ^2/NDF : 2456665.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.399+/-0.402 χ^2/NDF : 6074771.2/21

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 942.813+/-1484.082 χ^2/NDF : 9.2/10

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

Right Out: 103.419+/-1437.692 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

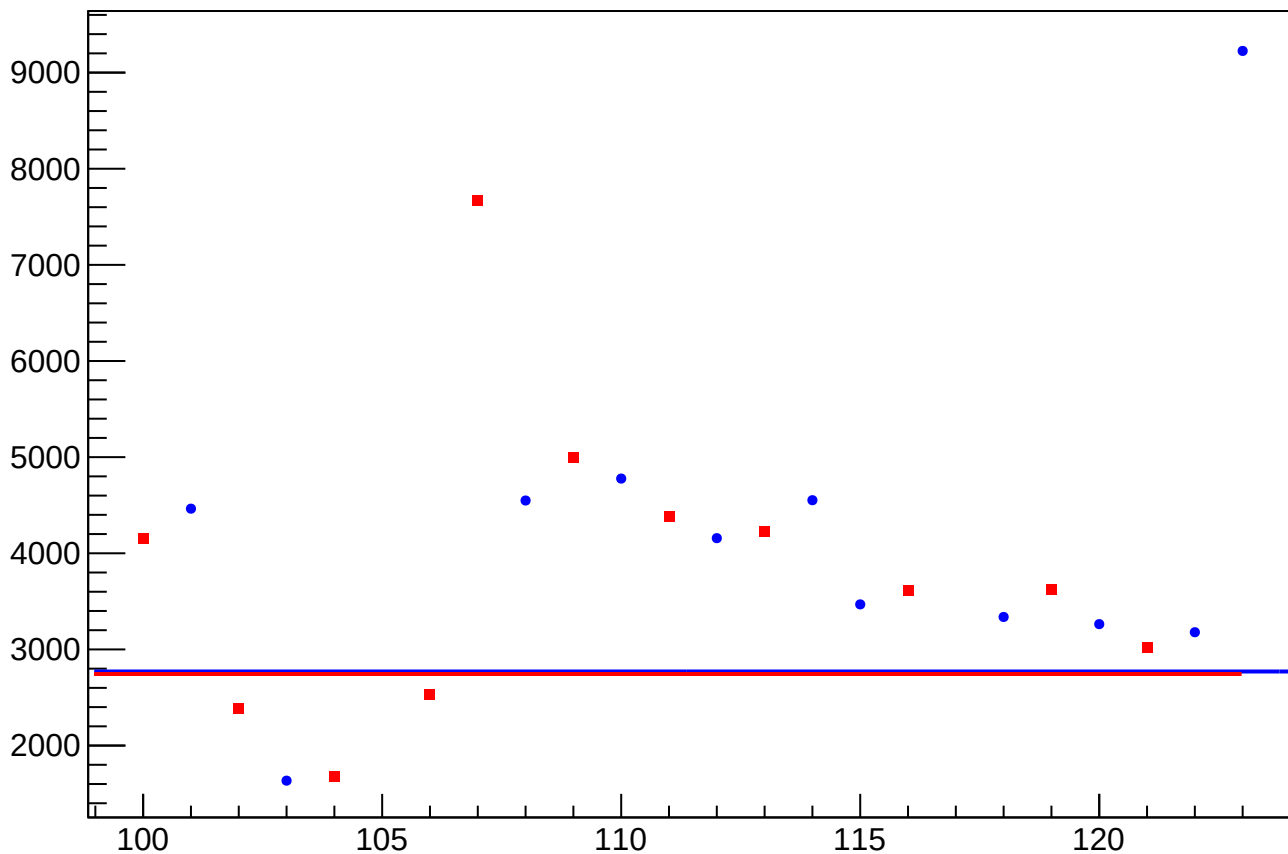
Right: 509.792+/-1032.613 χ^2/NDF : 24.6/21

In: 942.813+/-1484.082 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.792+/-1032.613 χ^2/NDF : 24.6/21

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2770.369+/-1.049 χ^2/NDF : 1254883.9/10

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

Right Out: 2744.386+/-0.996 χ^2/NDF : 1226374.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

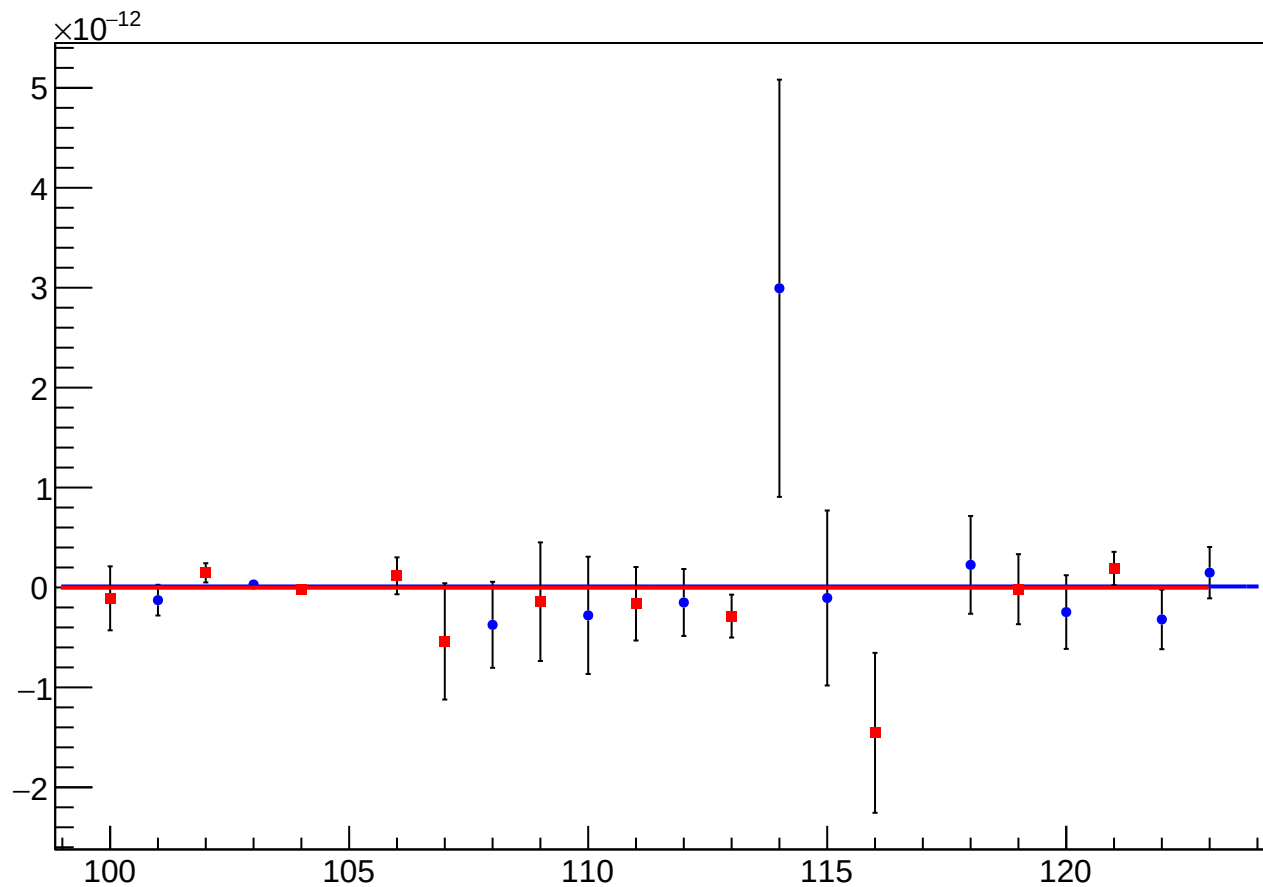
Right: 2756.693+/-0.722 χ^2/NDF : 2481581.0/21

In: 2770.369+/-1.049 χ^2/NDF : 1254883.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.693+/-0.722 χ^2/NDF : 2481581.0/21

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.6/10

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

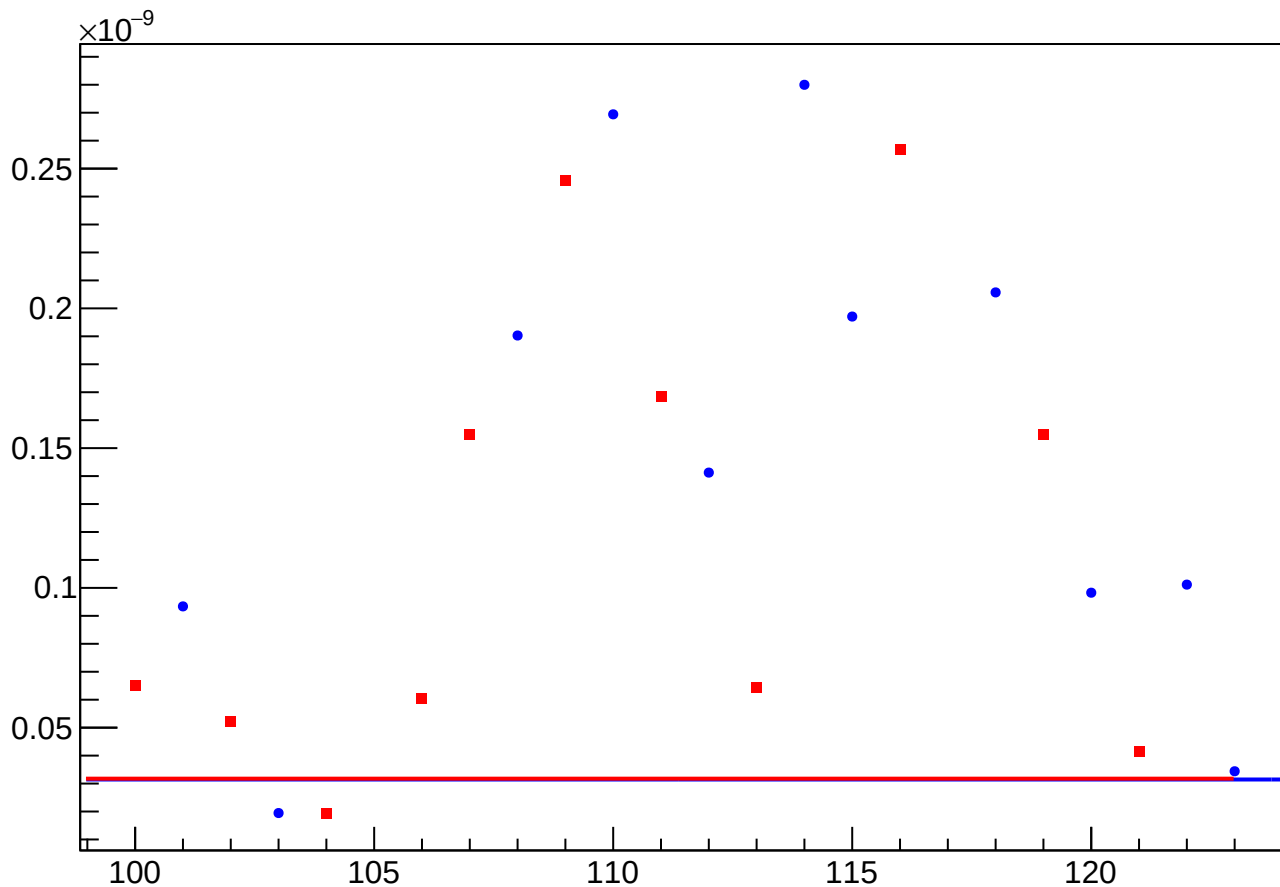
Right: 0.000+/-0.000 χ^2/NDF : 17.3/21

In: 0.000+/-0.000 χ^2/NDF : 6.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.3/21

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1849414.3/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1439241.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

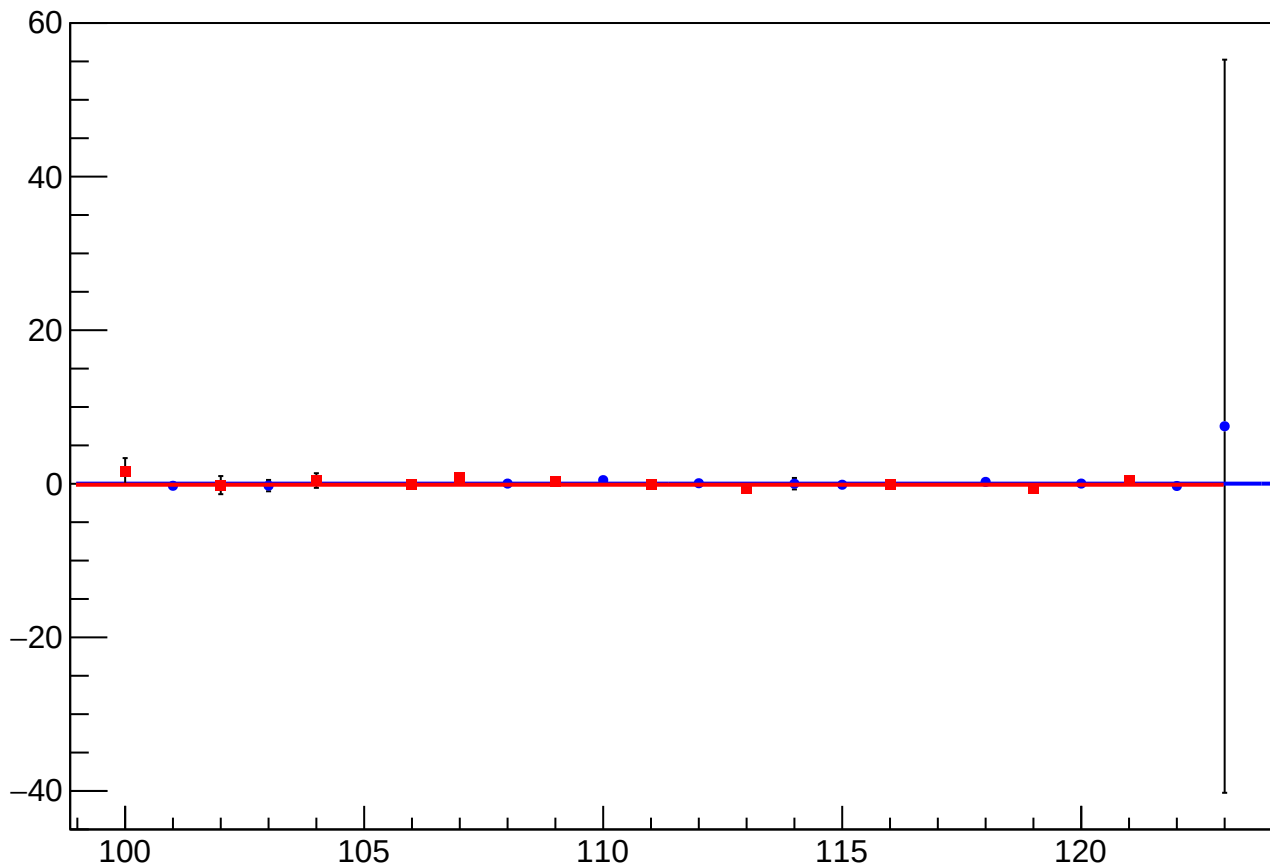
Right: 0.000+/-0.000 χ^2/NDF : 3288725.7/21

In: 0.000+/-0.000 χ^2/NDF : 1849414.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3288725.7/21

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.075 χ^2/NDF : 8.8/10

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

Right Out: -0.123+/-0.073 χ^2/NDF : 29.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

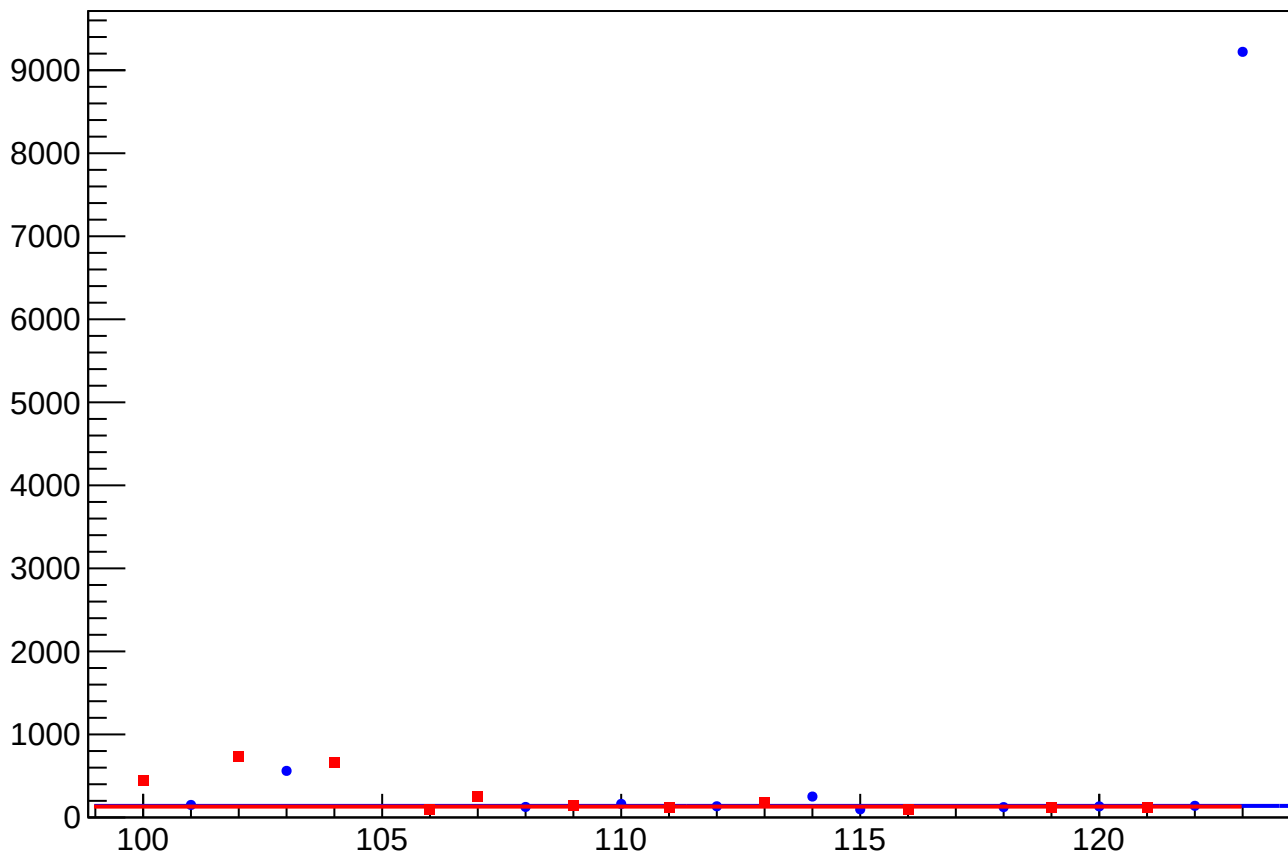
Right: -0.054+/-0.052 χ^2/NDF : 40.3/21

In: 0.020+/-0.075 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.052 χ^2/NDF : 40.3/21

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.233+/-0.053 χ^2/NDF : 863973.2/10

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

Right Out: 130.658+/-0.051 χ^2/NDF : 1500105.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

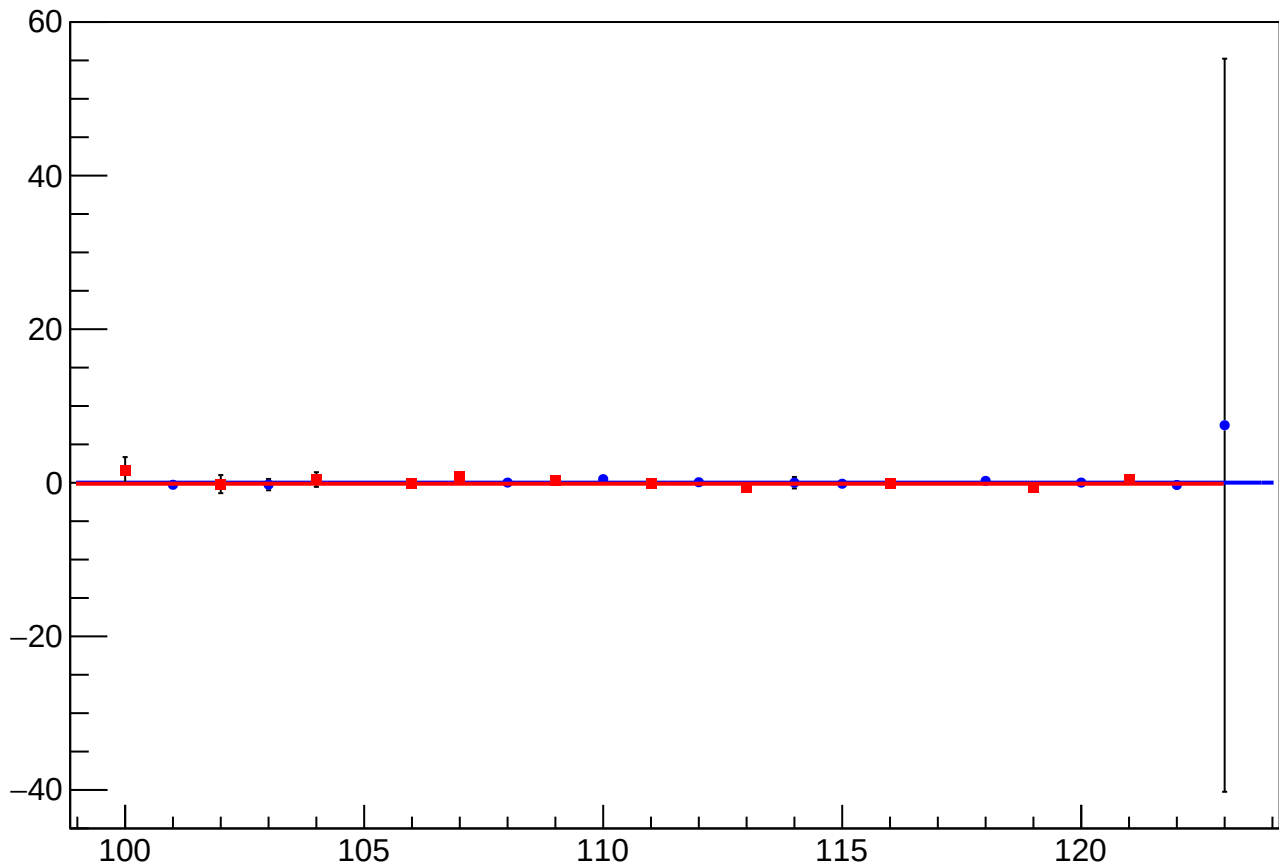
Right: 134.810+/-0.037 χ^2/NDF : 2377588.5/21

In: 139.233+/-0.053 χ^2/NDF : 863973.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.810+/-0.037 χ^2/NDF : 2377588.5/21

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.075 χ^2/NDF : 8.8/10

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

Right Out: -0.123+/-0.073 χ^2/NDF : 29.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

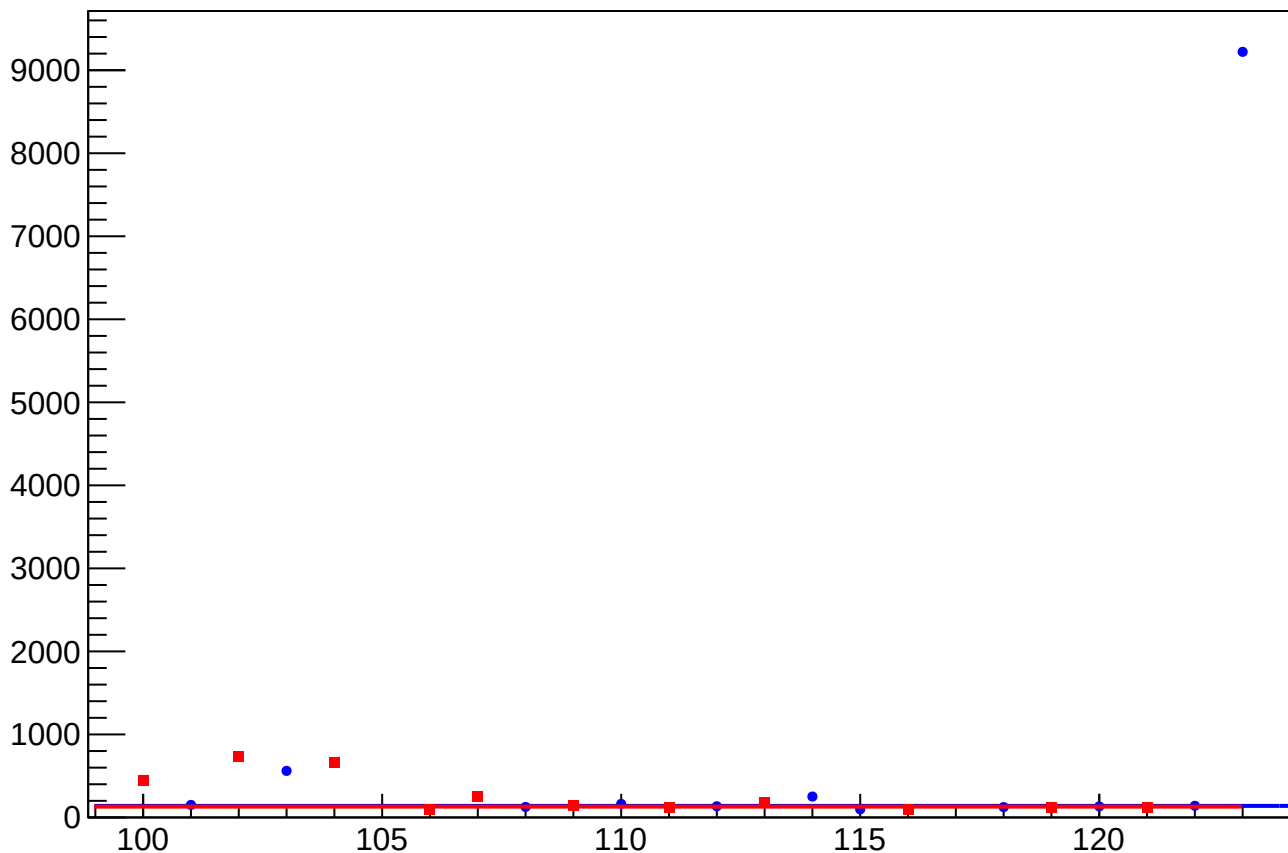
Right: -0.054+/-0.052 χ^2/NDF : 40.3/21

In: 0.020+/-0.075 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.052 χ^2/NDF : 40.3/21

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.233+/-0.053 χ^2/NDF : 863973.2/10

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

Right Out: 130.658+/-0.051 χ^2/NDF : 1500105.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

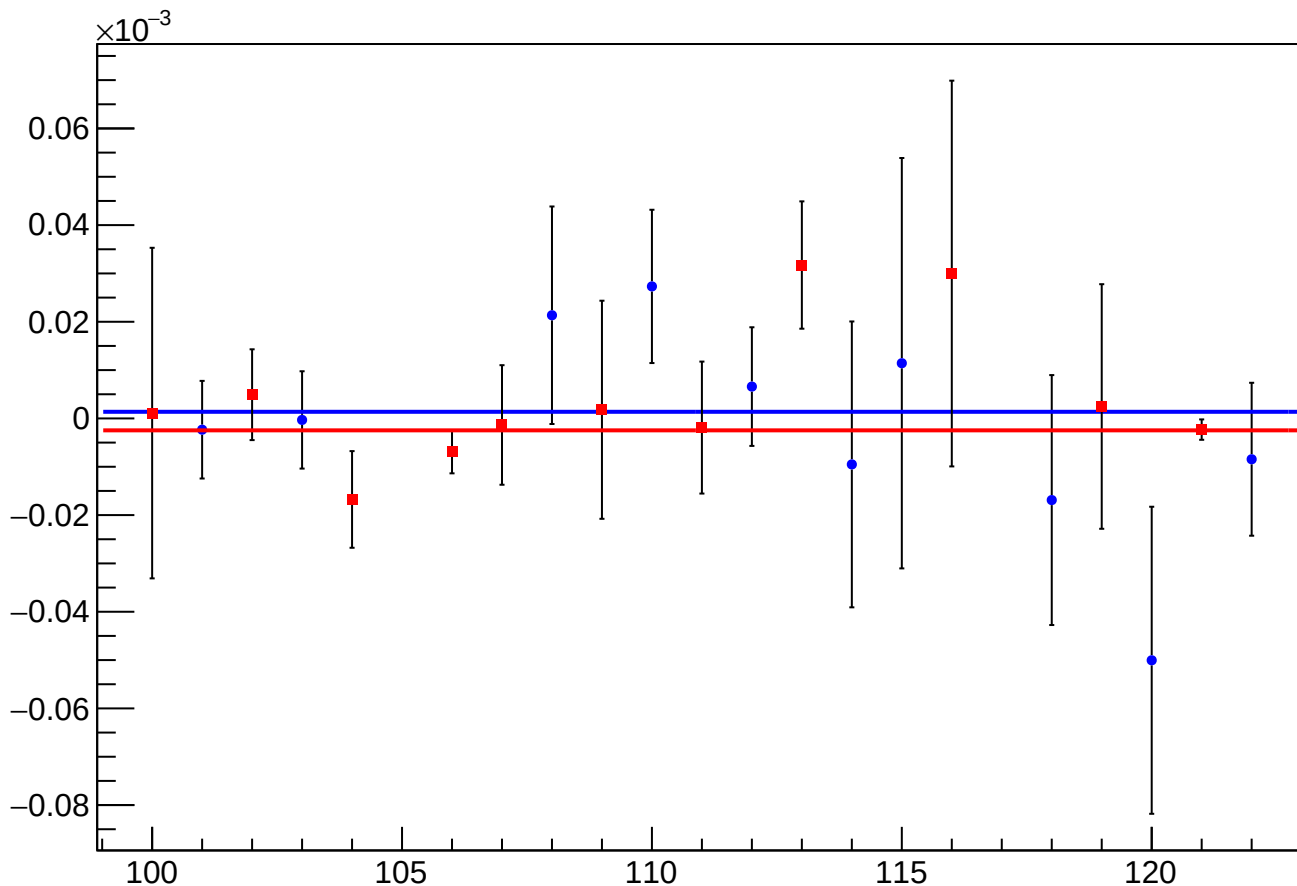
Right: 134.810+/-0.037 χ^2/NDF : 2377588.5/21

In: 139.233+/-0.053 χ^2/NDF : 863973.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.810+/-0.037 χ^2/NDF : 2377588.5/21

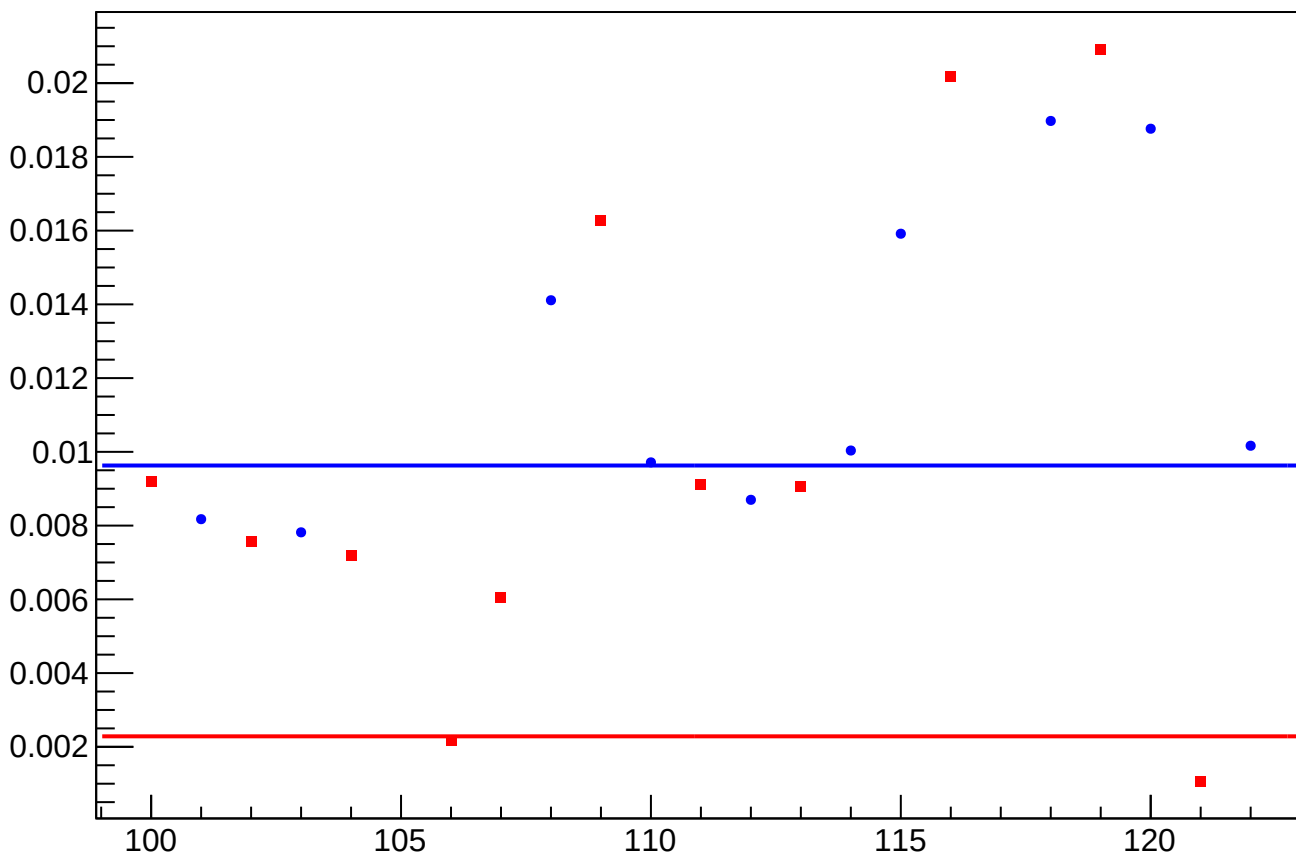
asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.5/9
 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 : 19.2/20
 In: 0.000+/-0.000 χ^2/NDF : 7.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 19.2/20

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 670265.3/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 5348235.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

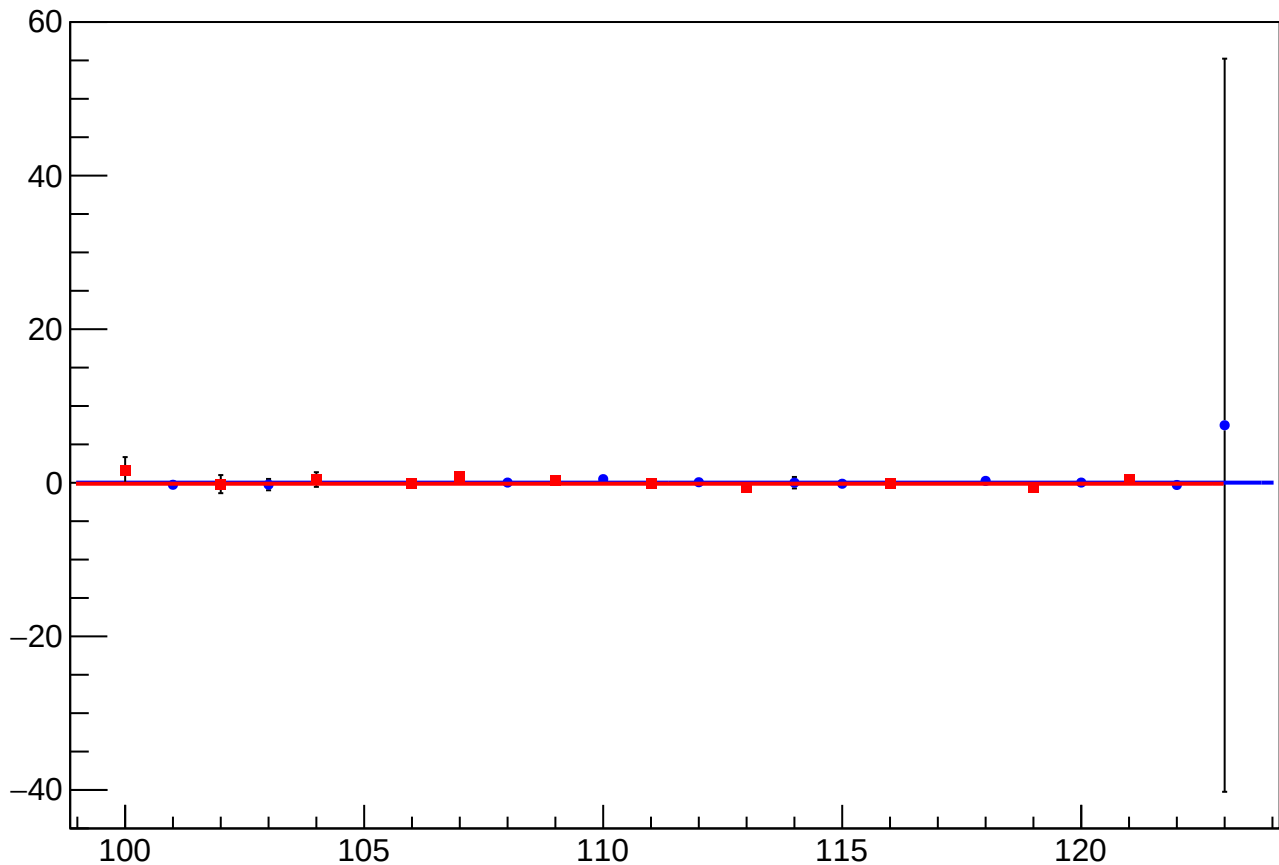
Right: 0.003+/-0.000 χ^2/NDF : 9890339.4/20

In: 0.010+/-0.000 χ^2/NDF :670265.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9890339.4/20

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.075 χ^2/NDF : 8.8/10

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

Right Out: -0.123+/-0.073 χ^2/NDF : 29.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

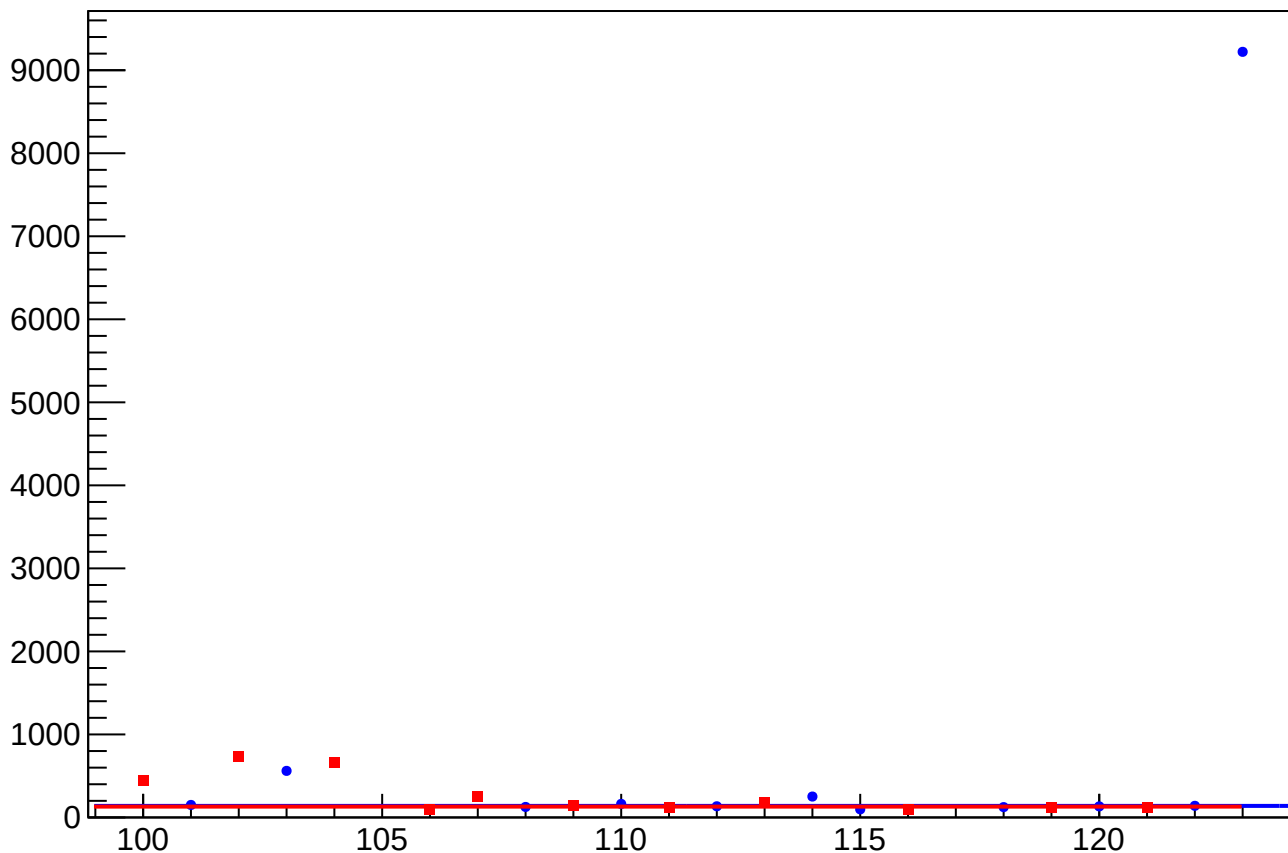
Right: -0.054+/-0.052 χ^2/NDF : 40.3/21

In: 0.020+/-0.075 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.052 χ^2/NDF : 40.3/21

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.232+/-0.053 χ^2/NDF : 863974.1/10

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

Right Out: 130.659+/-0.051 χ^2/NDF : 1500069.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

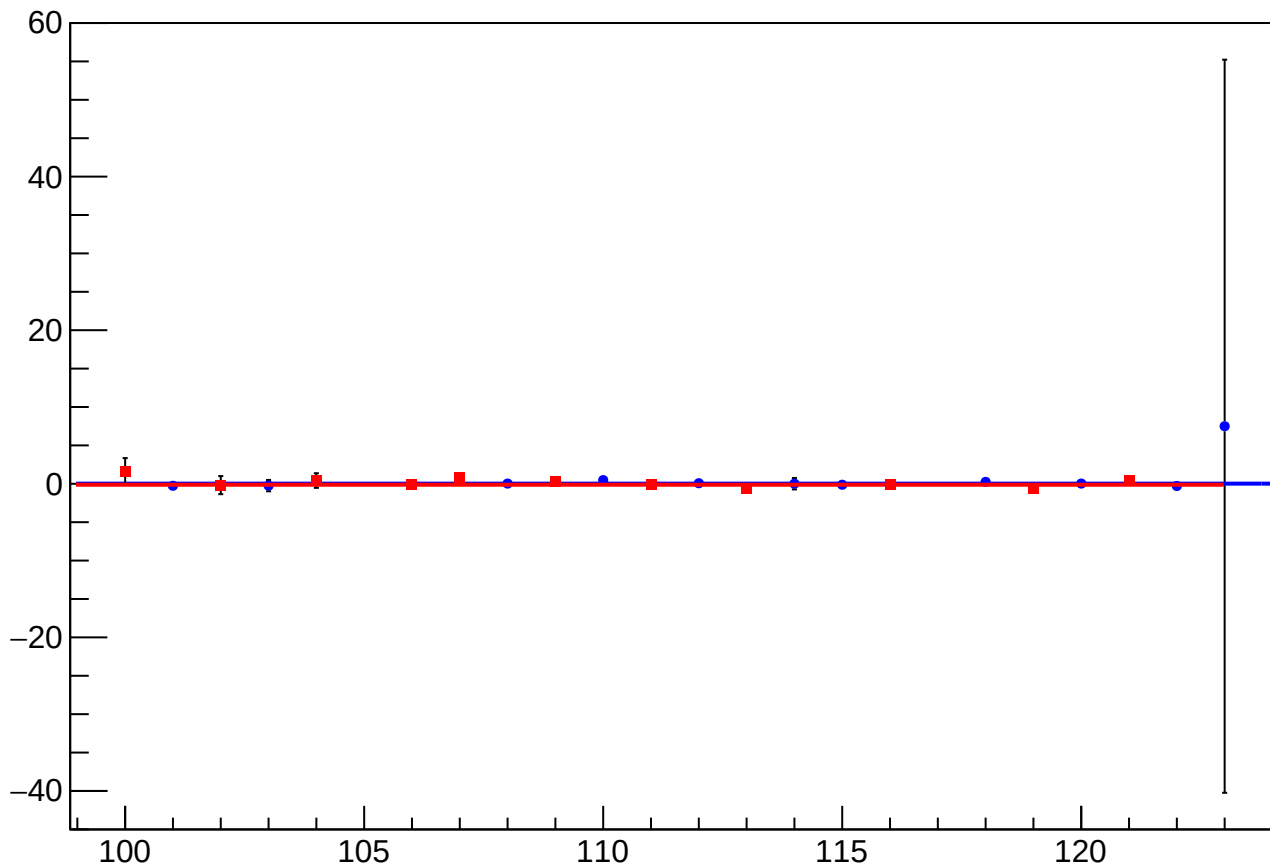
Right: 134.810+/-0.037 χ^2/NDF : 2377549.1/21

In: 139.232+/-0.053 χ^2/NDF : 863974.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.810+/-0.037 χ^2/NDF : 2377549.1/21

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.075 χ^2/NDF : 8.8/10

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

Right Out: -0.123+/-0.073 χ^2/NDF : 29.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

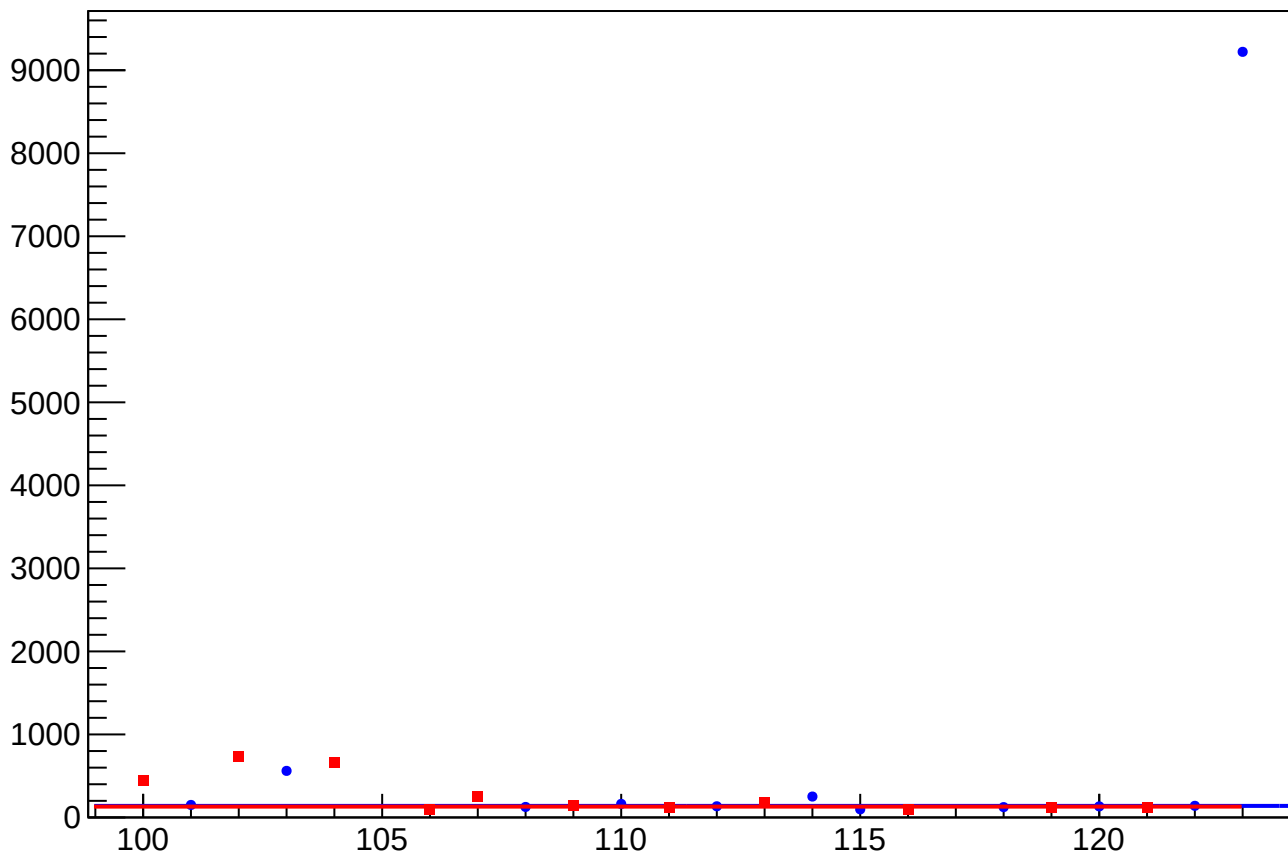
Right: -0.054+/-0.052 χ^2/NDF : 40.3/21

In: 0.020+/-0.075 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.052 χ^2/NDF : 40.3/21

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.232 $\pm$ 0.053 χ^2 /NDF: 863974.1/10

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

Right Out: 130.659 $\pm$ 0.051 χ^2 /NDF: 1500069.5/10

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

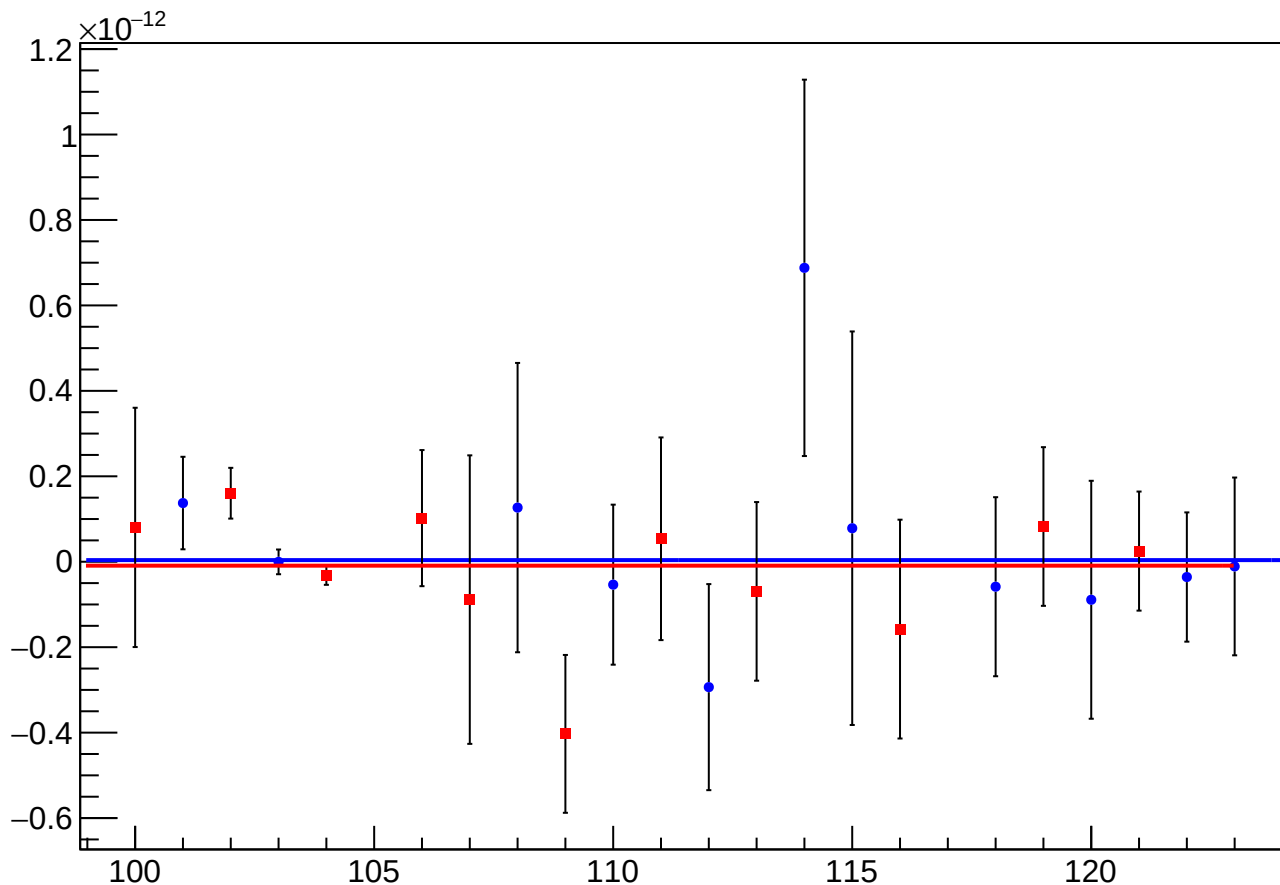
Right: 134.810 $\pm$ 0.037 χ^2 /NDF: 2377549.1/21

In: 139.232 $\pm$ 0.053 χ^2 /NDF:863974.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.810 $\pm$ 0.037 χ^2 /NDF: 2377549.1/21

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/10

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

Right Out: -0.000+/-0.000 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

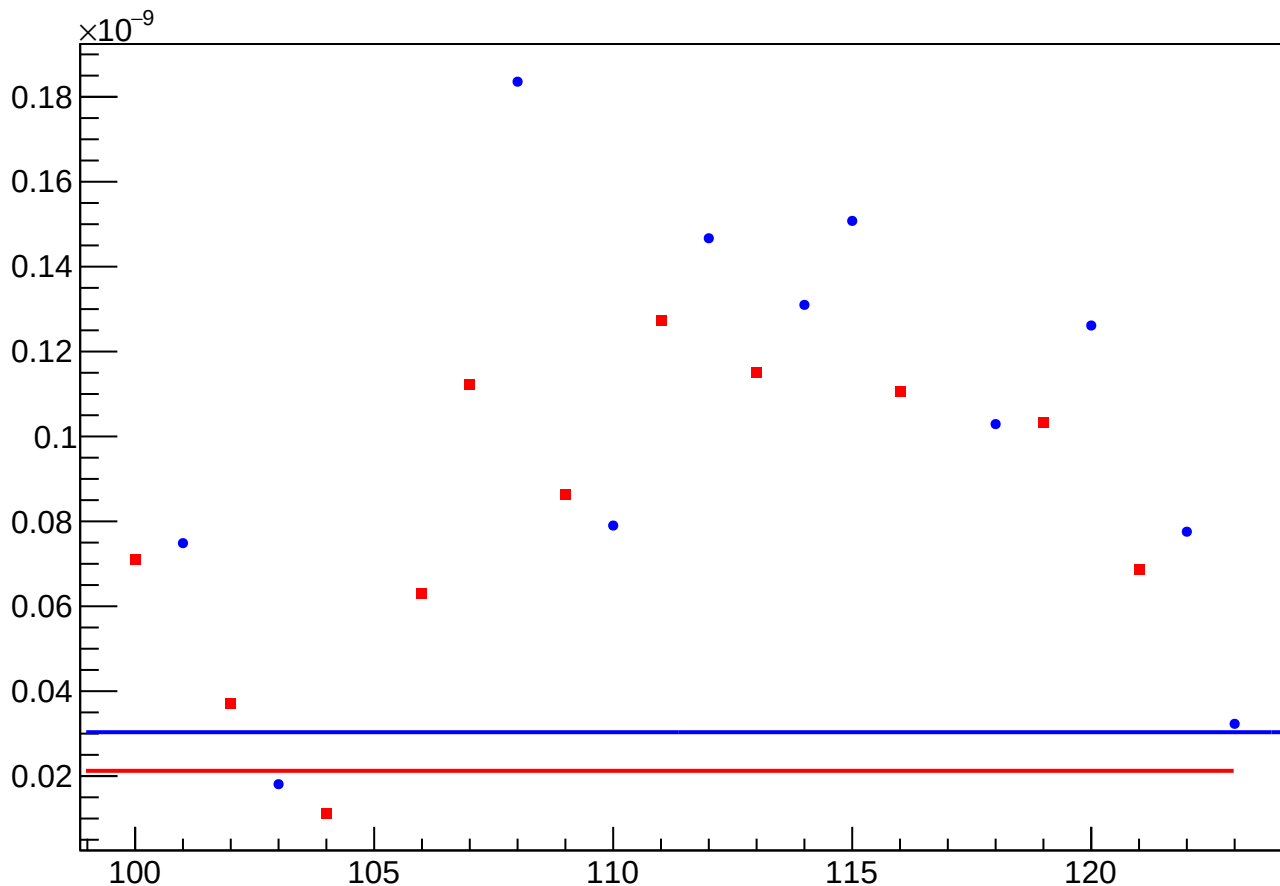
Right: -0.000+/-0.000 χ^2/NDF : 21.2/21

In: 0.000+/-0.000 χ^2/NDF : 6.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.2/21

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2619244.0/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2802996.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

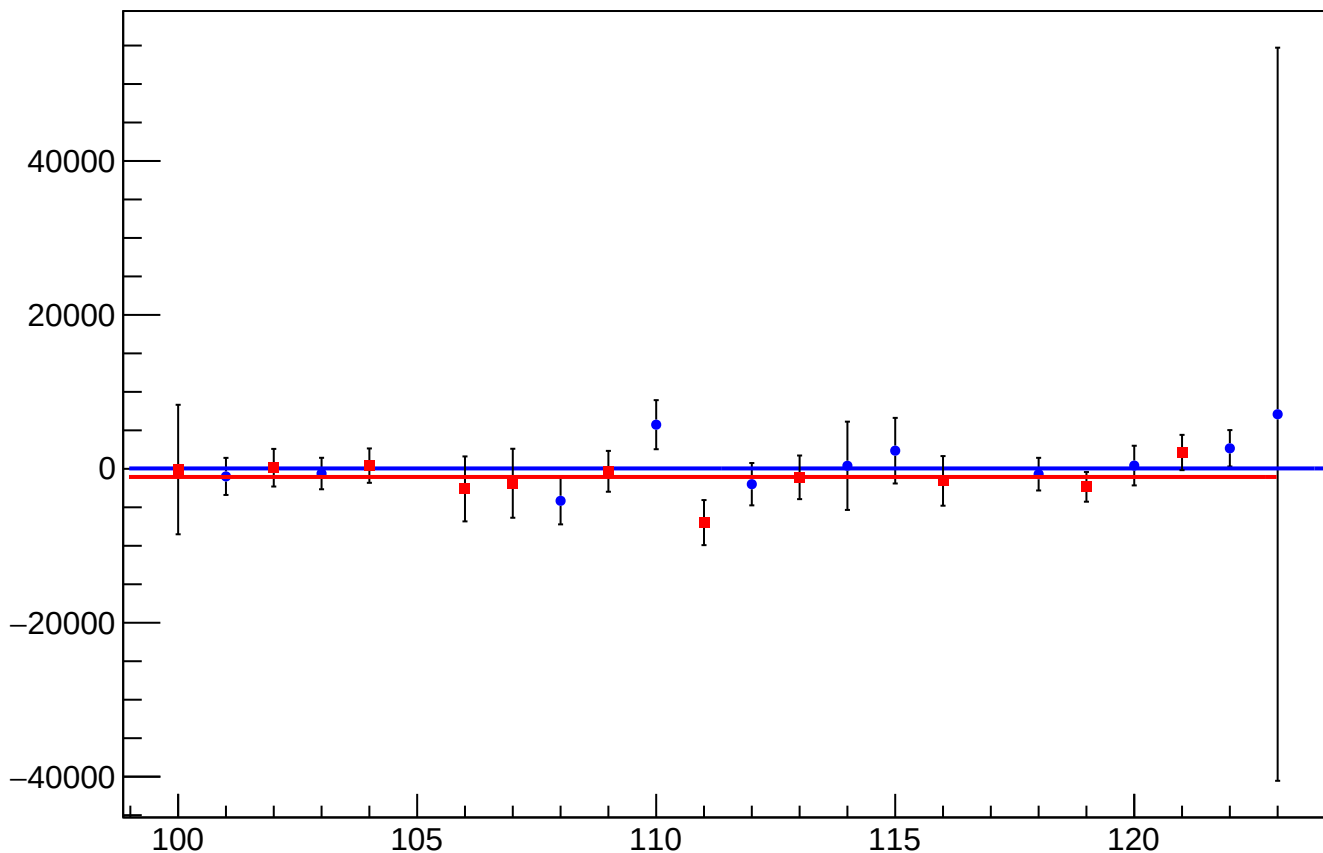
Right: 0.000+/-0.000 χ^2/NDF : 5572735.5/21

In: 0.000+/-0.000 χ^2/NDF : 2619244.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5572735.5/21

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 52.148+/-849.420 χ^2/NDF : 7.6/10

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

Right Out: -1058.216+/-837.207 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

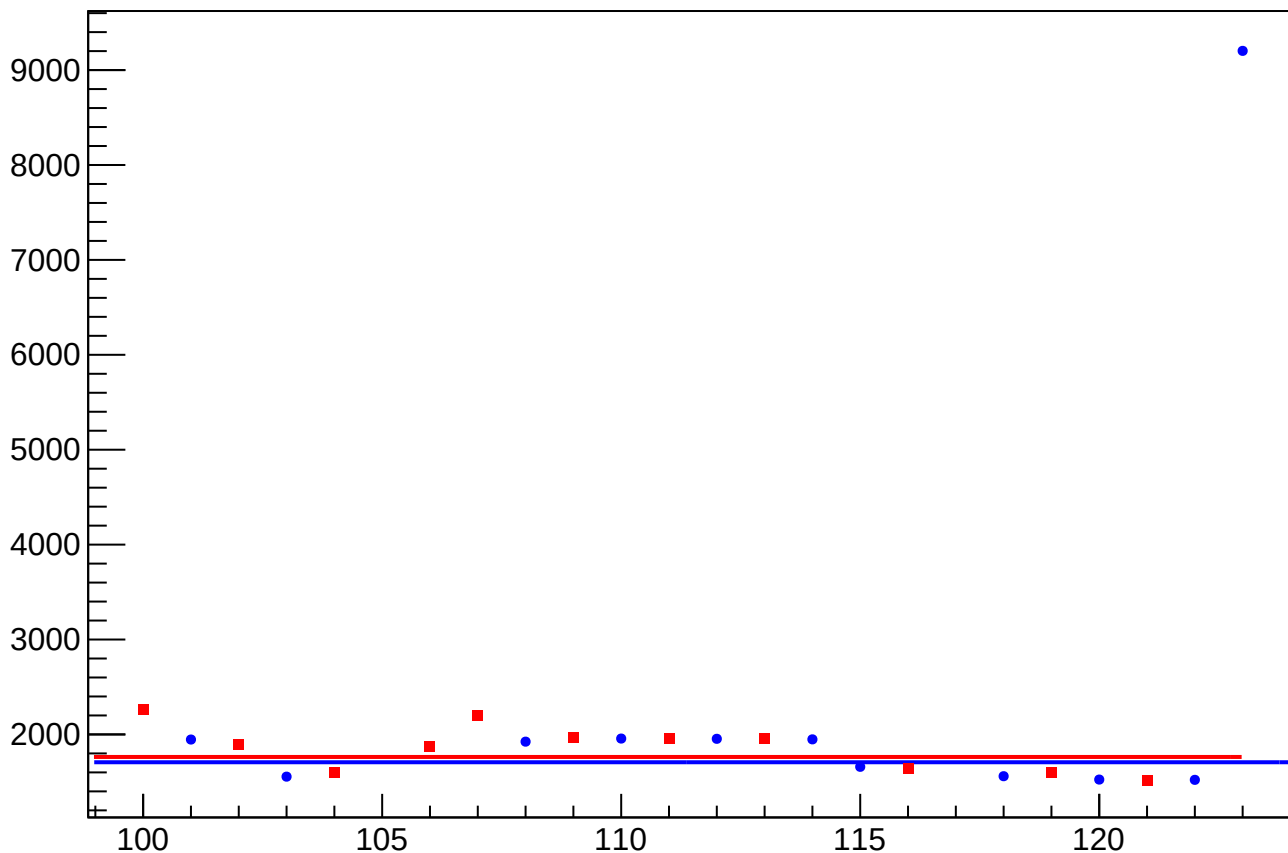
Right: -511.074+/-596.266 χ^2/NDF : 15.9/21

In: 52.148+/-849.420 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.074+/-596.266 χ^2/NDF : 15.9/21

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1706.929+/-0.601 χ^2/NDF : 154403.4/10

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

Right Out: 1762.660+/-0.587 χ^2/NDF : 117201.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

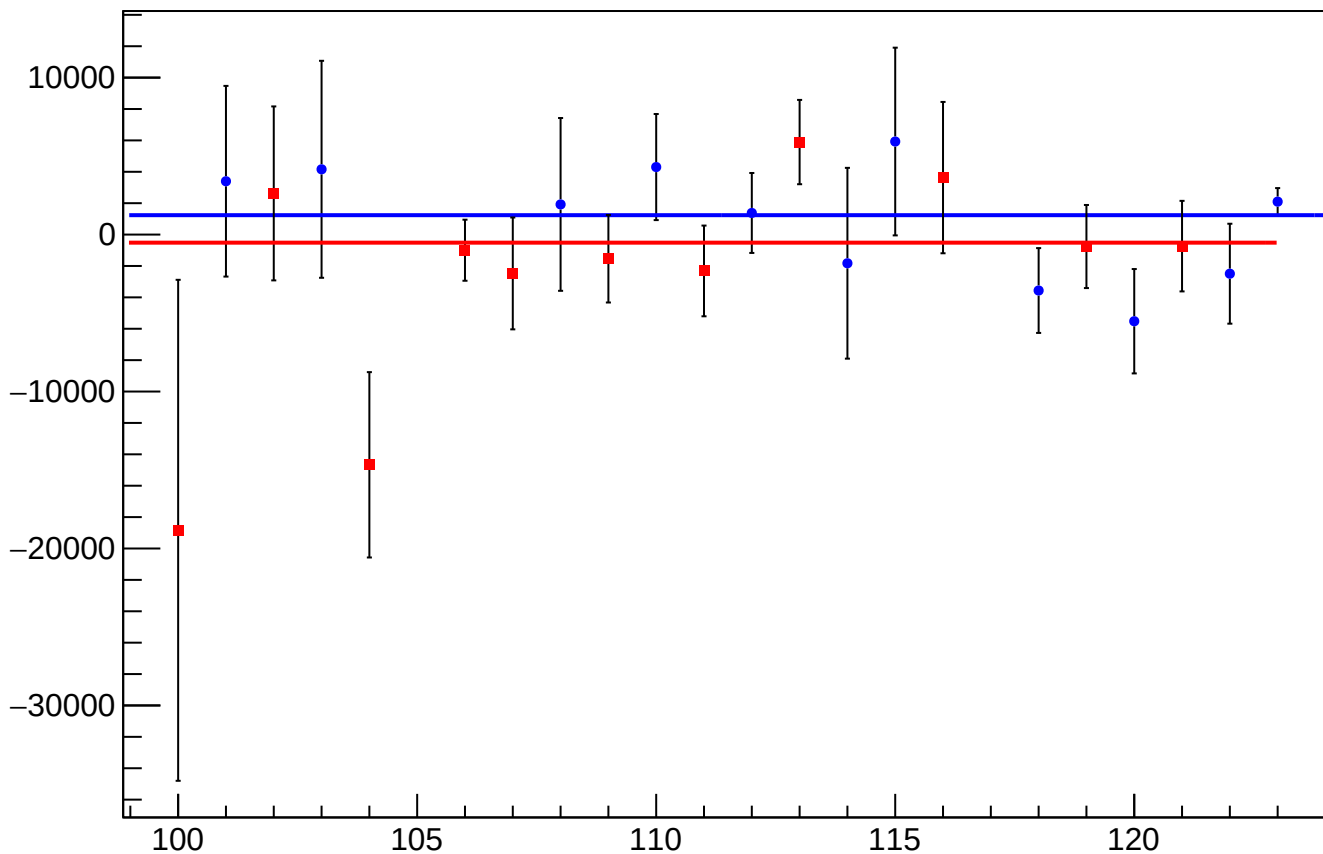
Right: 1735.421+/-0.420 χ^2/NDF : 276007.0/21

In: 1706.929+/-0.601 χ^2/NDF : 154403.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.421+/-0.420 χ^2/NDF : 276007.0/21

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1236.020+/-699.337 χ^2/NDF : 11.7/10

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

Right Out: -514.857+/-952.931 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

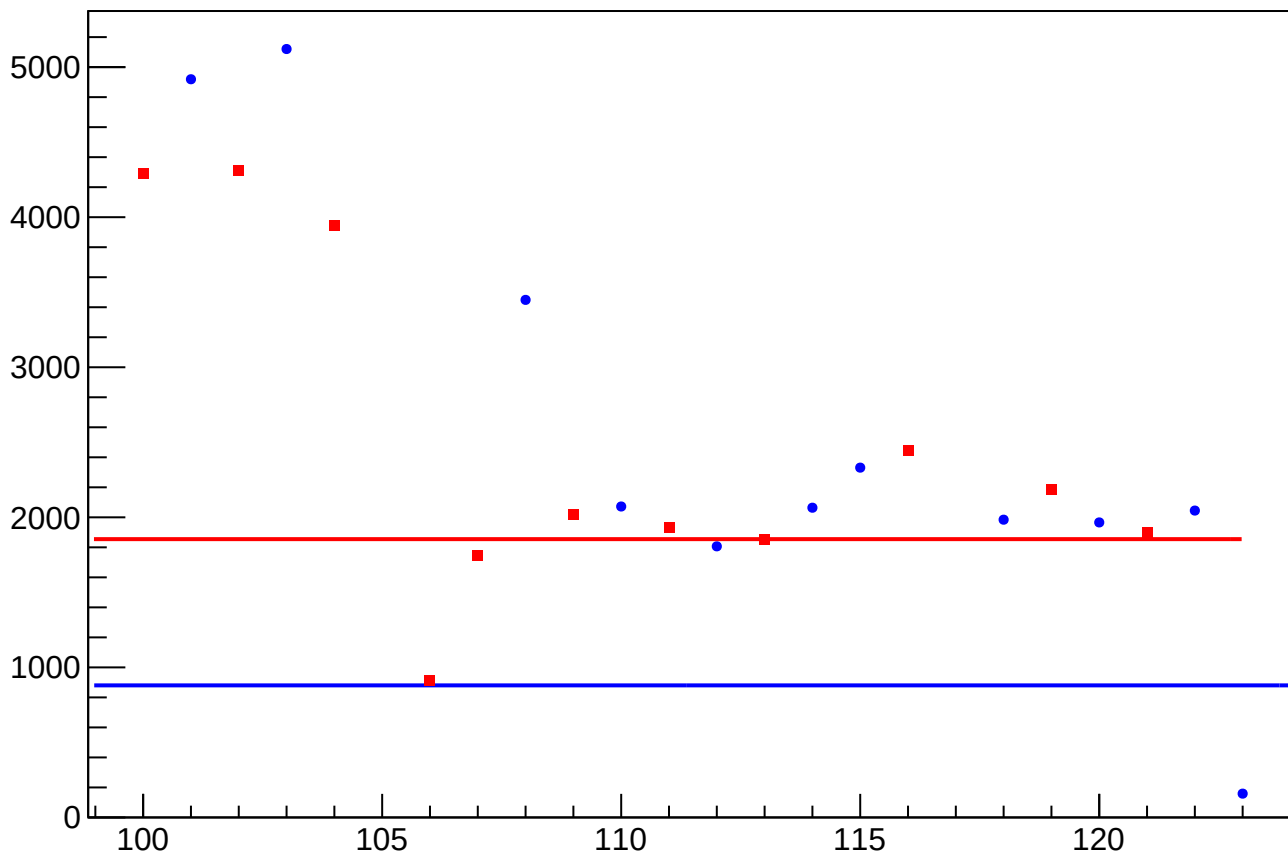
Right: 623.125+/-563.802 χ^2/NDF : 28.6/21

In: 1236.020+/-699.337 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.125+/-563.802 χ^2/NDF : 28.6/21

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 880.161+/-0.495 χ^2/NDF : 4990427.9/10

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

Right Out: 1854.661+/-0.674 χ^2/NDF : 1234179.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

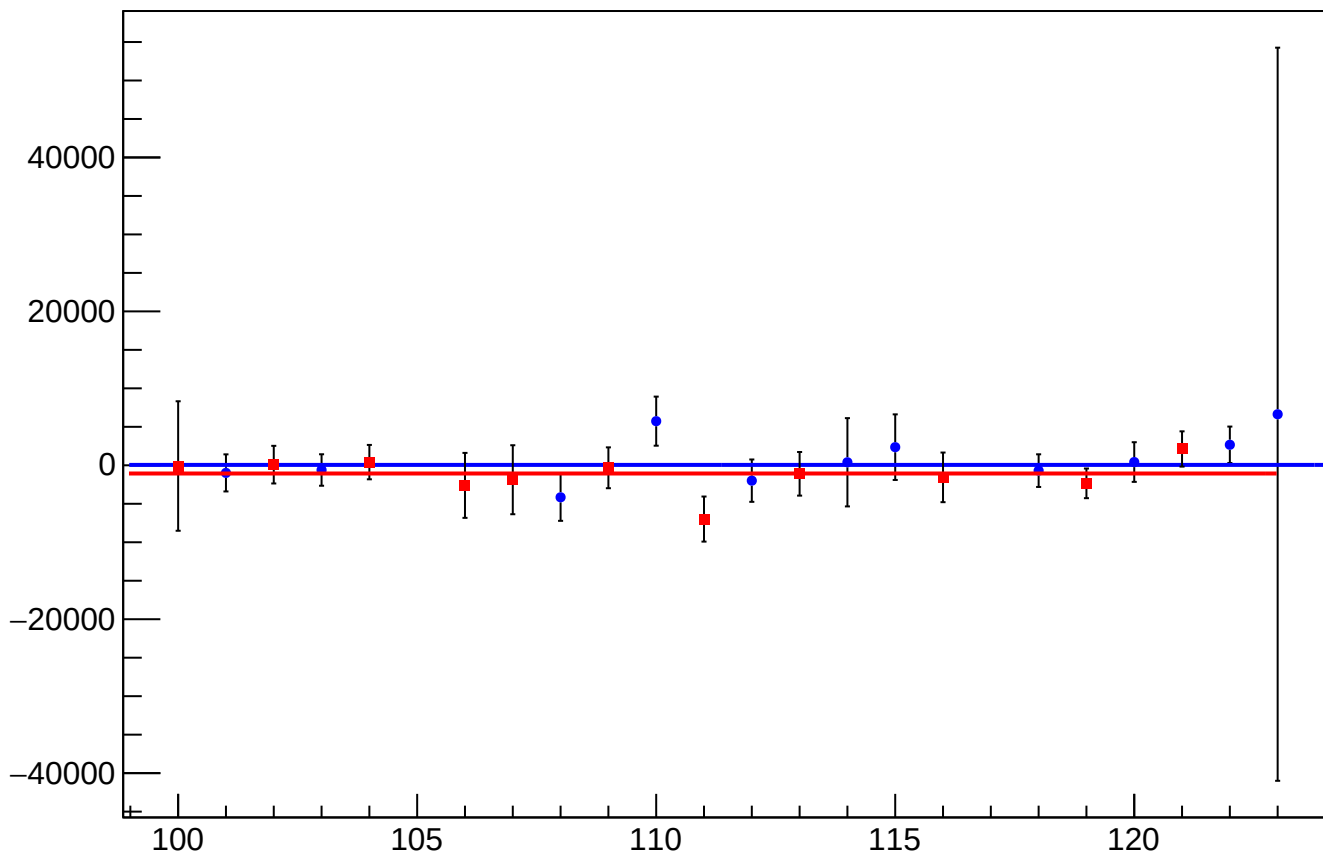
Right: 1221.285+/-0.399 χ^2/NDF : 7584017.0/21

In: 880.161+/-0.495 χ^2/NDF : 4990427.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1221.285+/-0.399 χ^2/NDF : 7584017.0/21

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 51.764+/-849.420 χ^2/NDF : 7.6/10

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

Right Out: -1065.658+/-837.221 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

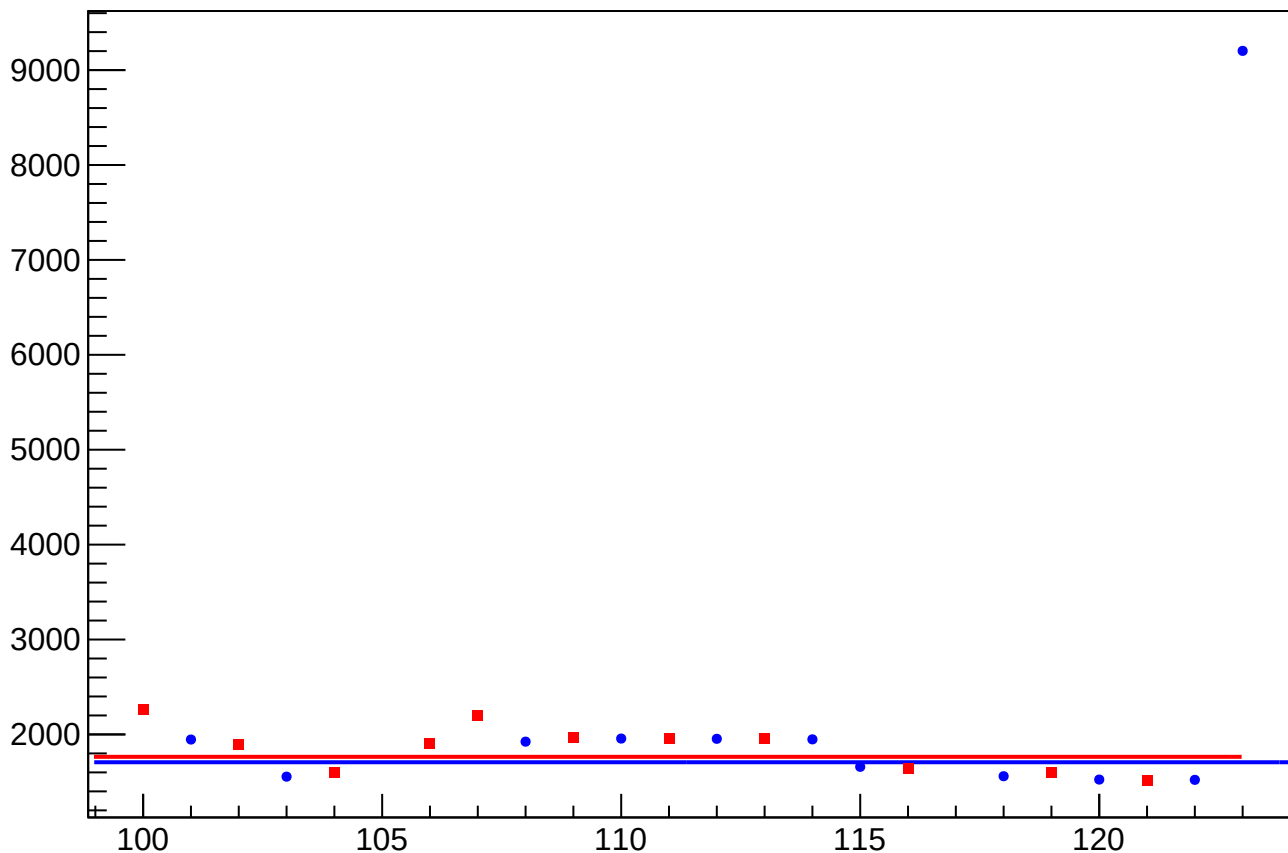
Right: -515.029+/-596.271 χ^2/NDF : 15.9/21

In: 51.764+/-849.420 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -515.029+/-596.271 χ^2/NDF : 15.9/21

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1706.928+/-0.601 χ^2/NDF : 154403.7/10

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

Right Out: 1764.148+/-0.588 χ^2/NDF : 118403.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

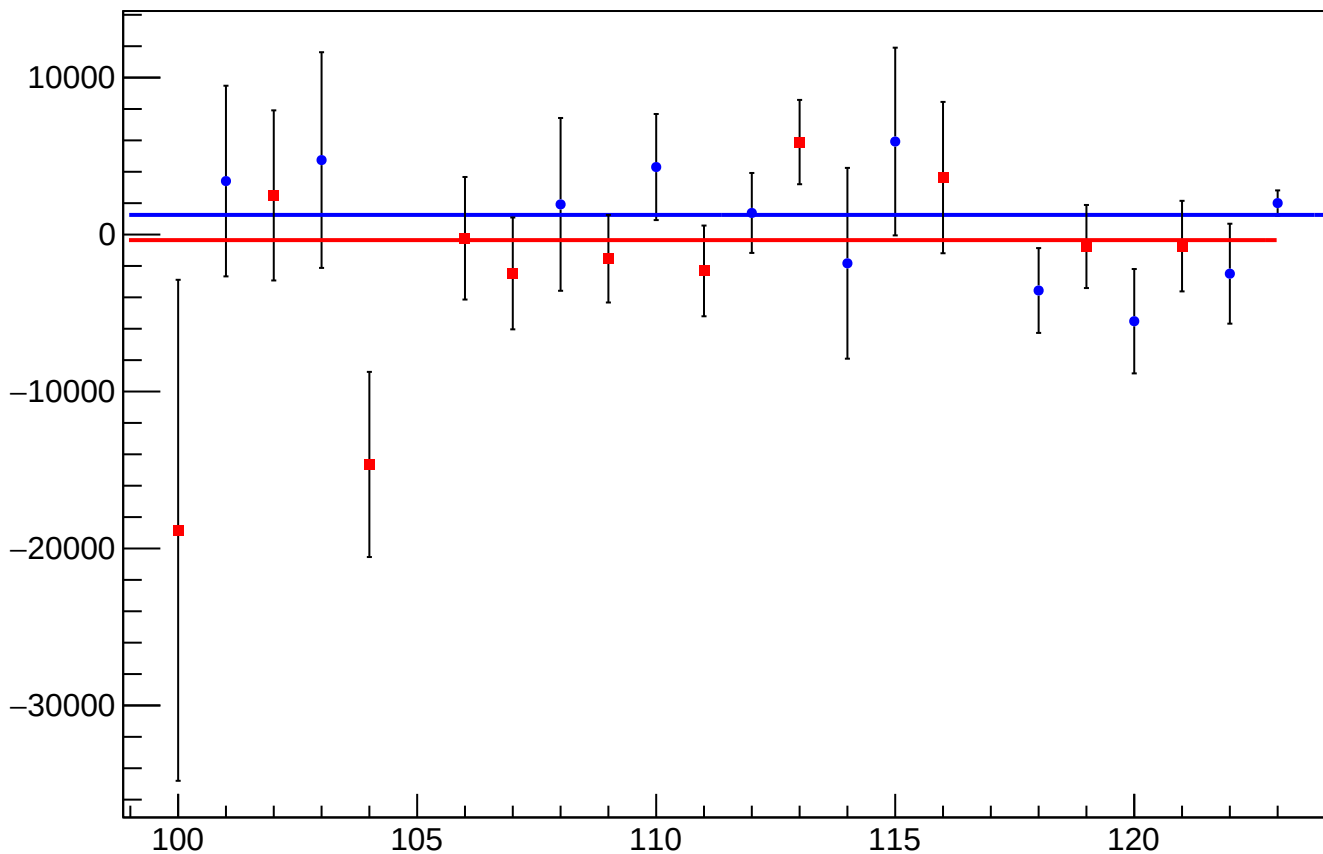
Right: 1736.158+/-0.420 χ^2/NDF : 277443.1/21

In: 1706.928+/-0.601 χ^2/NDF : 154403.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.158+/-0.420 χ^2/NDF : 277443.1/21

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1252.059+/-668.939 χ^2/NDF : 11.7/10

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

Right Out: -353.839+/-1051.752 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

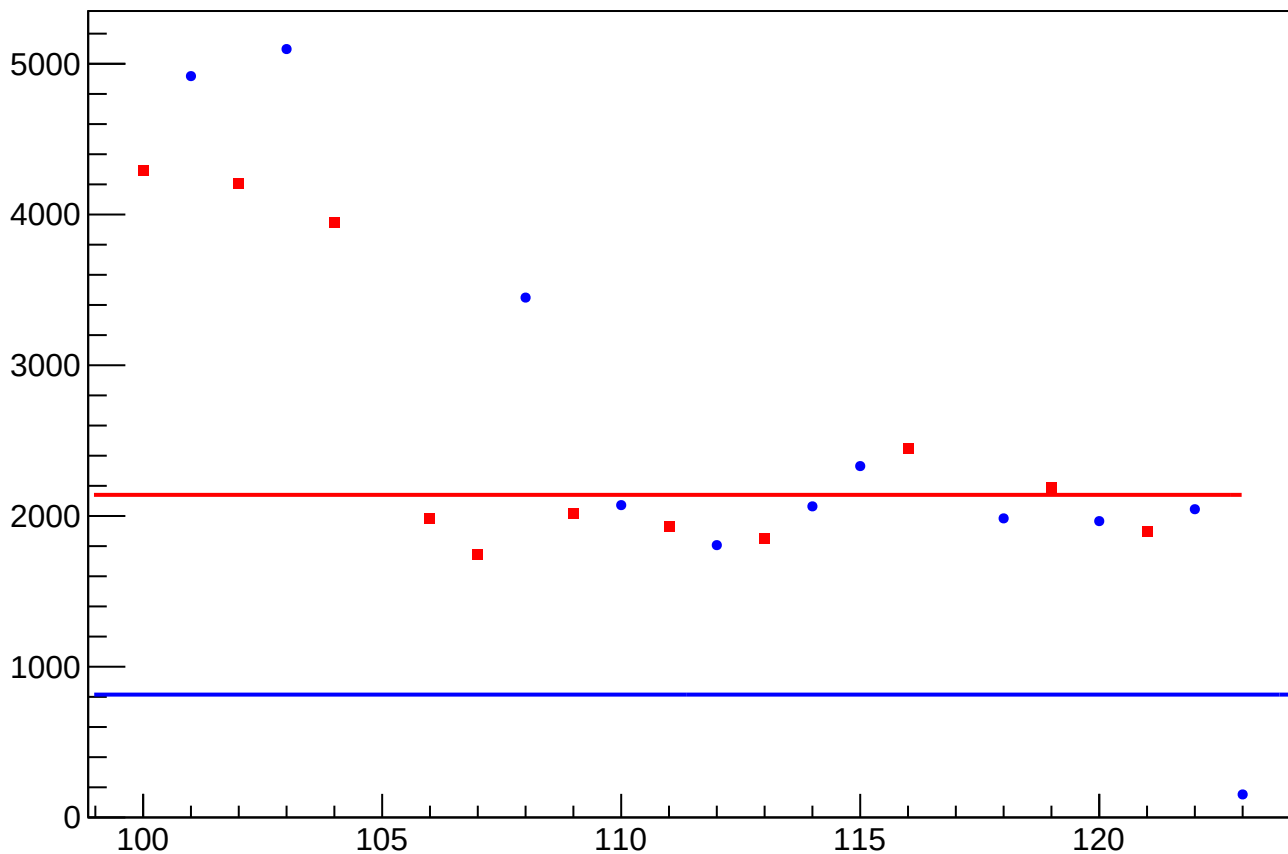
Right: 789.534+/-564.445 χ^2/NDF : 27.9/21

In: 1252.059+/-668.939 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.534+/-564.445 χ^2/NDF : 27.9/21

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 815.033+/-0.473 χ^2/NDF : 5196448.3/10

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

Right Out: 2140.167+/-0.744 χ^2/NDF : 601948.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

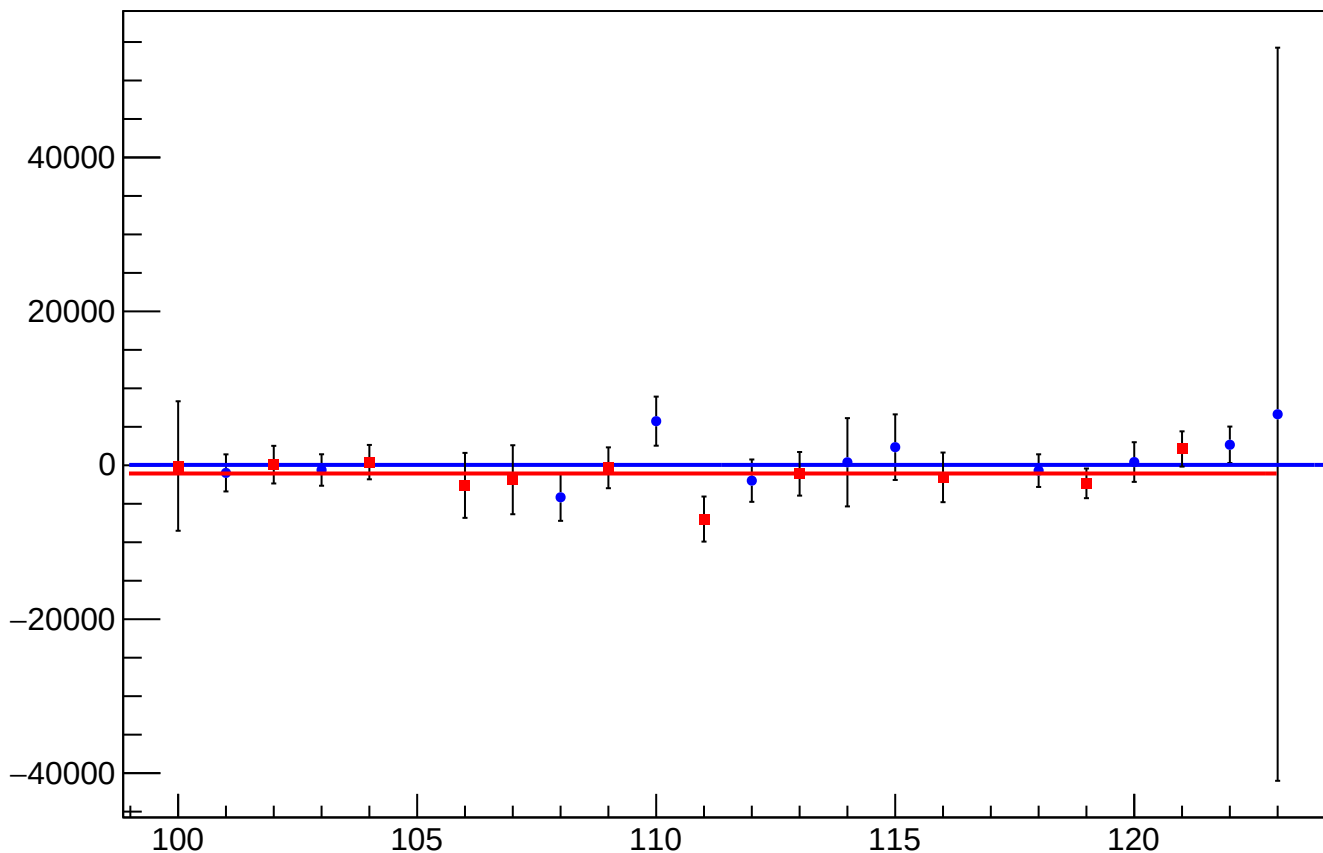
Right: 1196.694+/-0.399 χ^2/NDF : 8058837.5/21

In: 815.033+/-0.473 χ^2/NDF : 5196448.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1196.694+/-0.399 χ^2/NDF : 8058837.5/21

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 51.764+/-849.420 χ^2/NDF : 7.6/10

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

Right Out: -1065.658+/-837.221 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

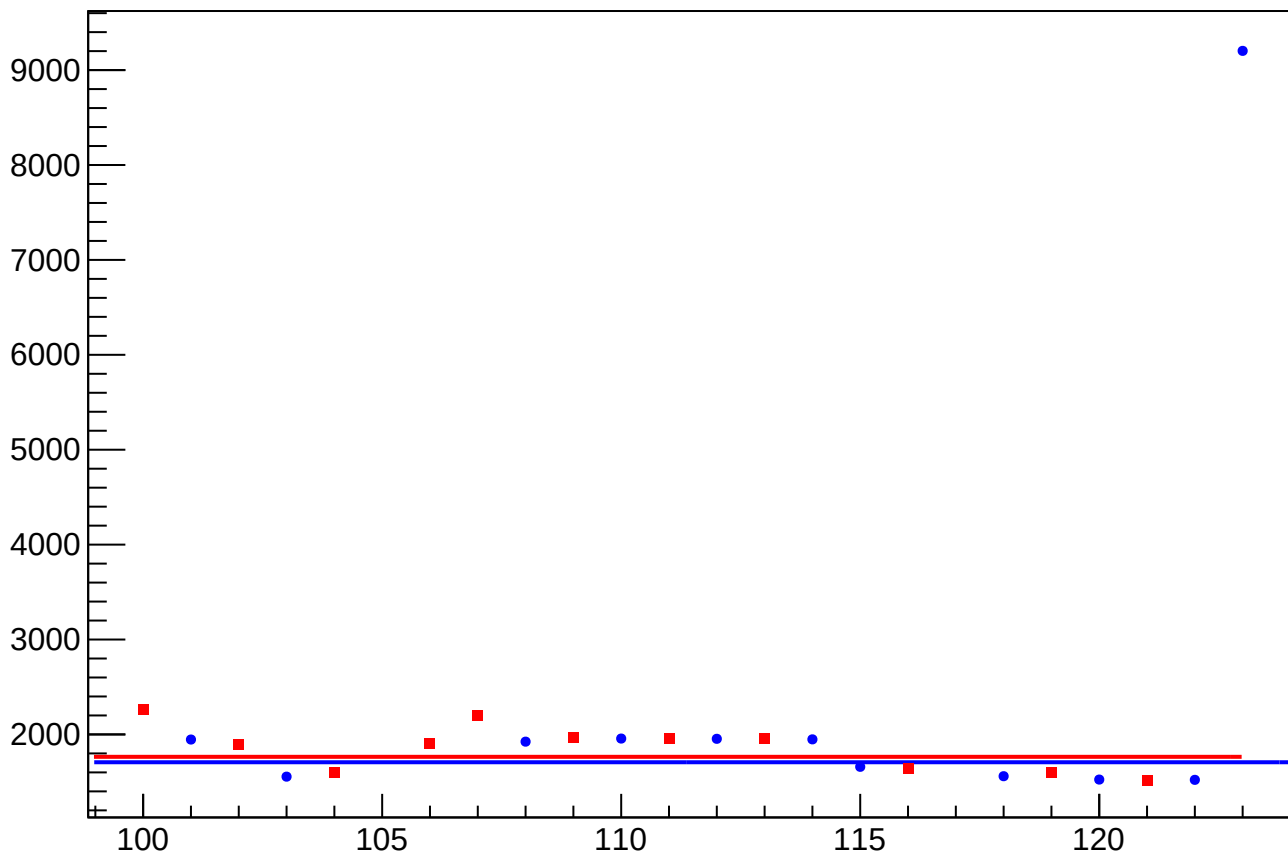
Right: -515.029+/-596.271 χ^2/NDF : 15.9/21

In: 51.764+/-849.420 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -515.029+/-596.271 χ^2/NDF : 15.9/21

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1706.928+/-0.601 χ^2/NDF : 154403.7/10

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

Right Out: 1764.148+/-0.588 χ^2/NDF : 118403.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

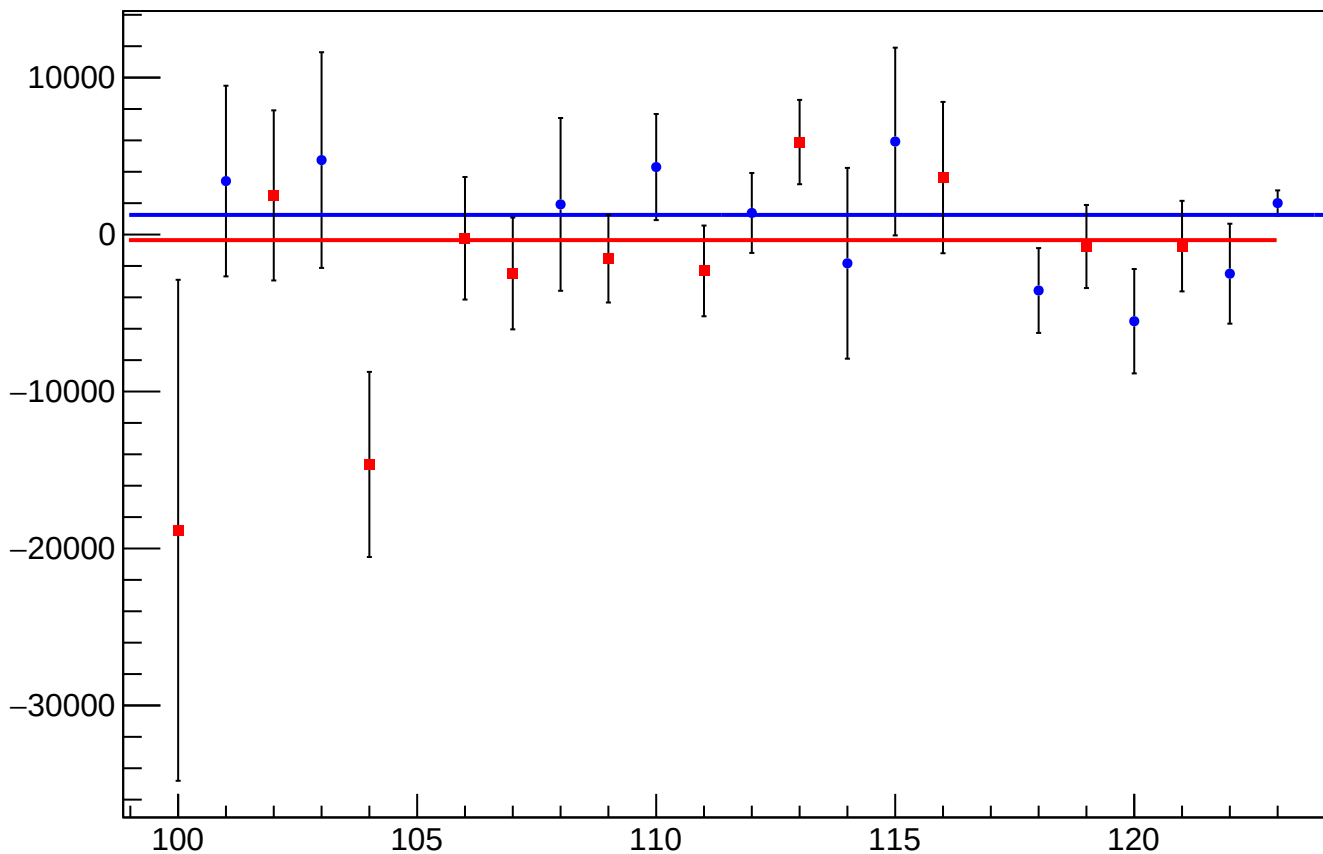
Right: 1736.158+/-0.420 χ^2/NDF : 277443.1/21

In: 1706.928+/-0.601 χ^2/NDF : 154403.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.158+/-0.420 χ^2/NDF : 277443.1/21

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1252.059+/-668.939 χ^2/NDF : 11.7/10

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

Right Out: -353.839+/-1051.752 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

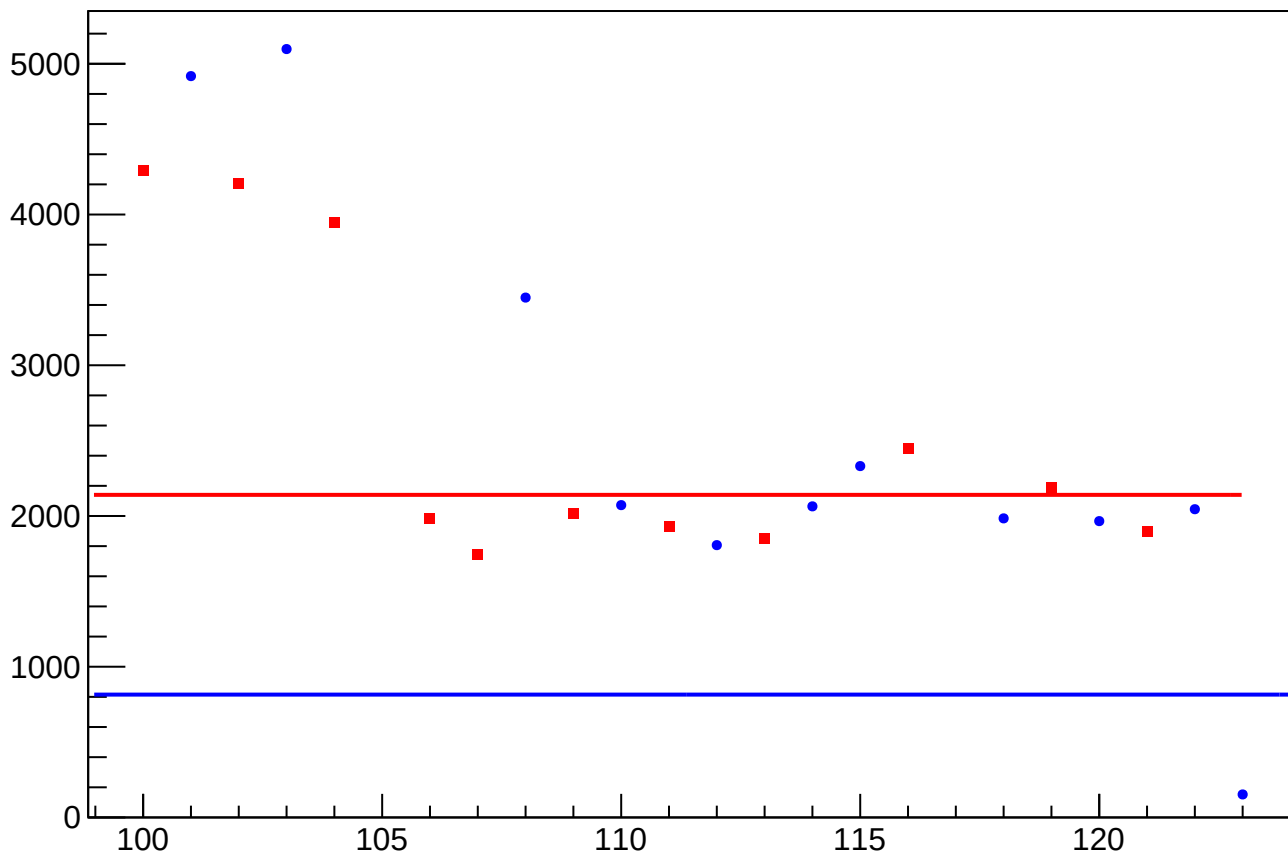
Right: 789.534+/-564.445 χ^2/NDF : 27.9/21

In: 1252.059+/-668.939 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.534+/-564.445 χ^2/NDF : 27.9/21

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 815.033+/-0.473 χ^2/NDF : 5196448.3/10

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

Right Out: 2140.167+/-0.744 χ^2/NDF : 601948.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

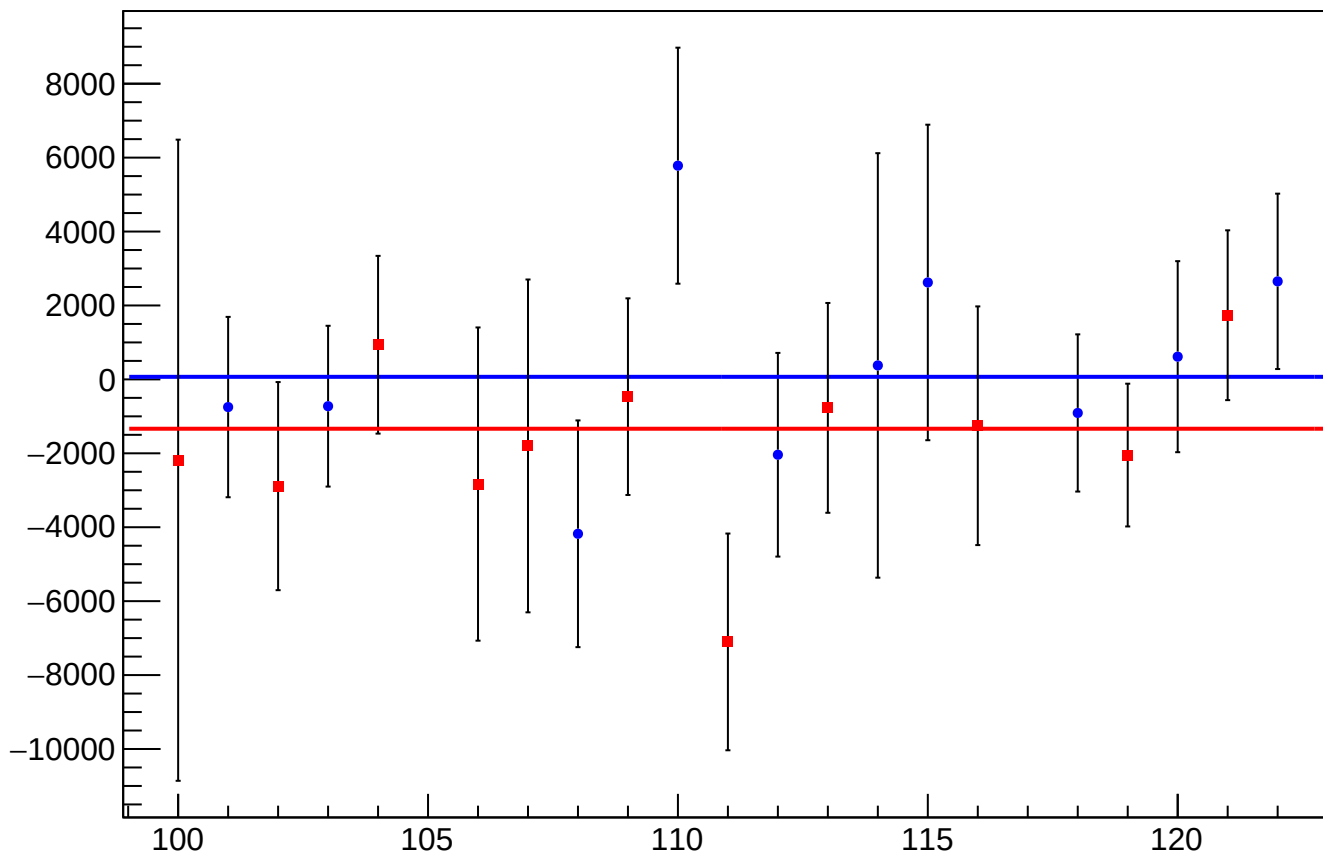
Right: 1196.694+/-0.399 χ^2/NDF : 8058837.5/21

In: 815.033+/-0.473 χ^2/NDF : 5196448.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1196.694+/-0.399 χ^2/NDF : 8058837.5/21

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 69.215+/-860.946 χ^2/NDF : 7.8/9

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

Right Out: -1335.168+/-859.796 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

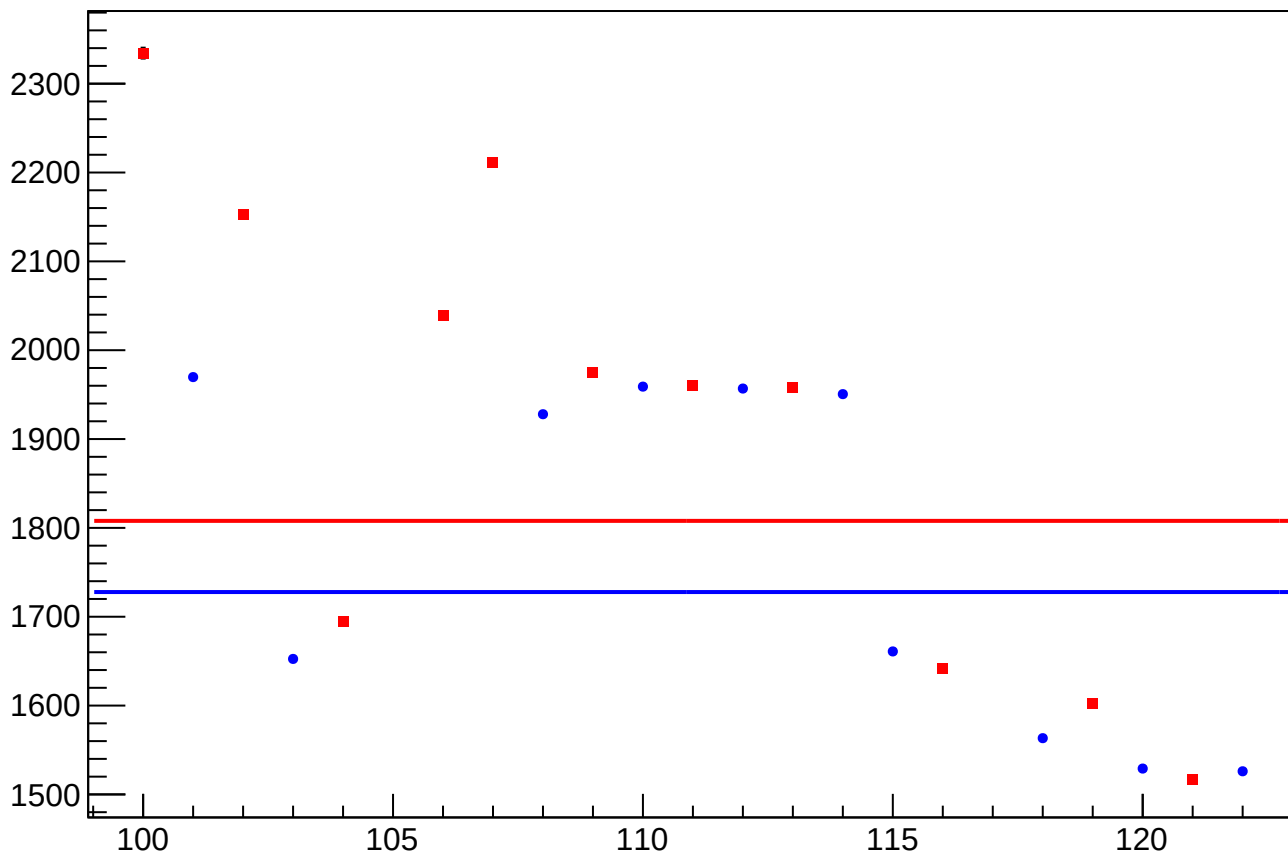
Right: -633.914+/-608.374 χ^2/NDF : 16.4/20

In: 69.215+/-860.946 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.914+/-608.374 χ^2/NDF : 16.4/20

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1727.788+/-0.609 χ^2/NDF : 96635.0/9

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

Right Out: 1807.898+/-0.605 χ^2/NDF : 143937.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

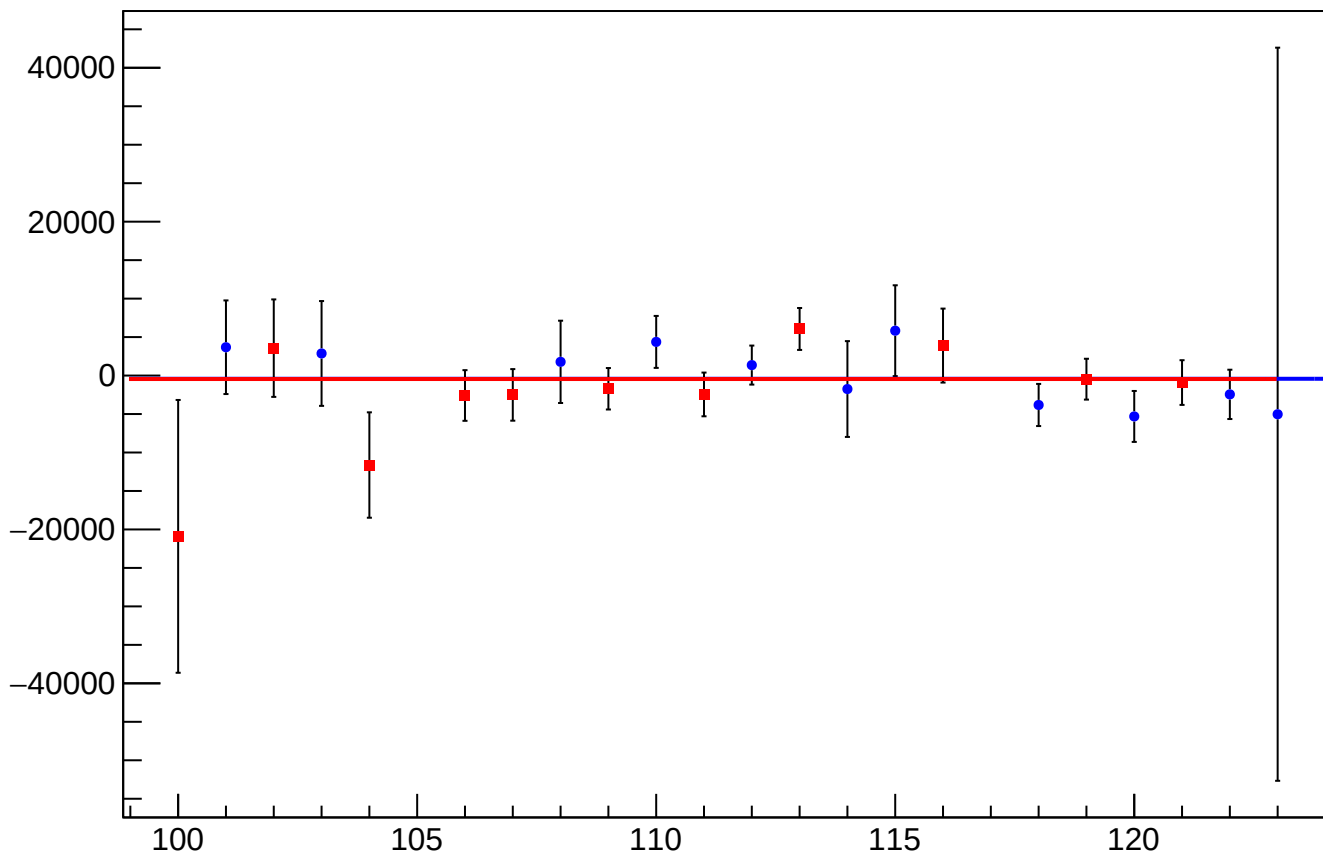
Right: 1768.061+/-0.429 χ^2/NDF : 249277.3/20

In: 1727.788+/-0.609 χ^2/NDF : 96635.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.061+/-0.429 χ^2/NDF : 249277.3/20

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -417.728+/-1192.114 χ^2/NDF : 8.7/10

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

Right Out: -449.875+/-1036.550 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

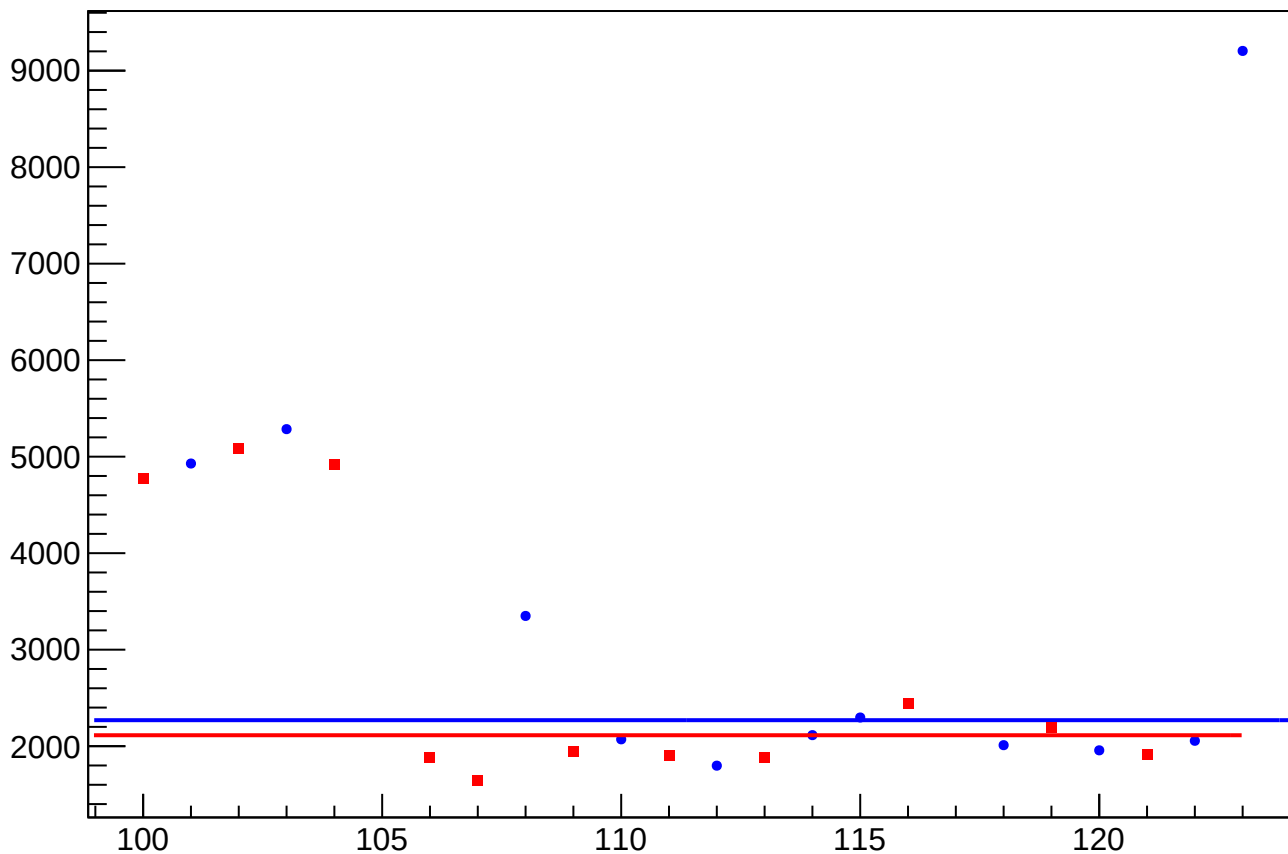
Right: -436.034+/-782.209 χ^2/NDF : 21.1/21

In: -417.728+/-1192.114 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.034+/-782.209 χ^2/NDF : 21.1/21

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2269.348+/-0.843 χ^2/NDF : 1020104.1/10

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

Right Out: 2113.366+/-0.733 χ^2/NDF : 924188.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

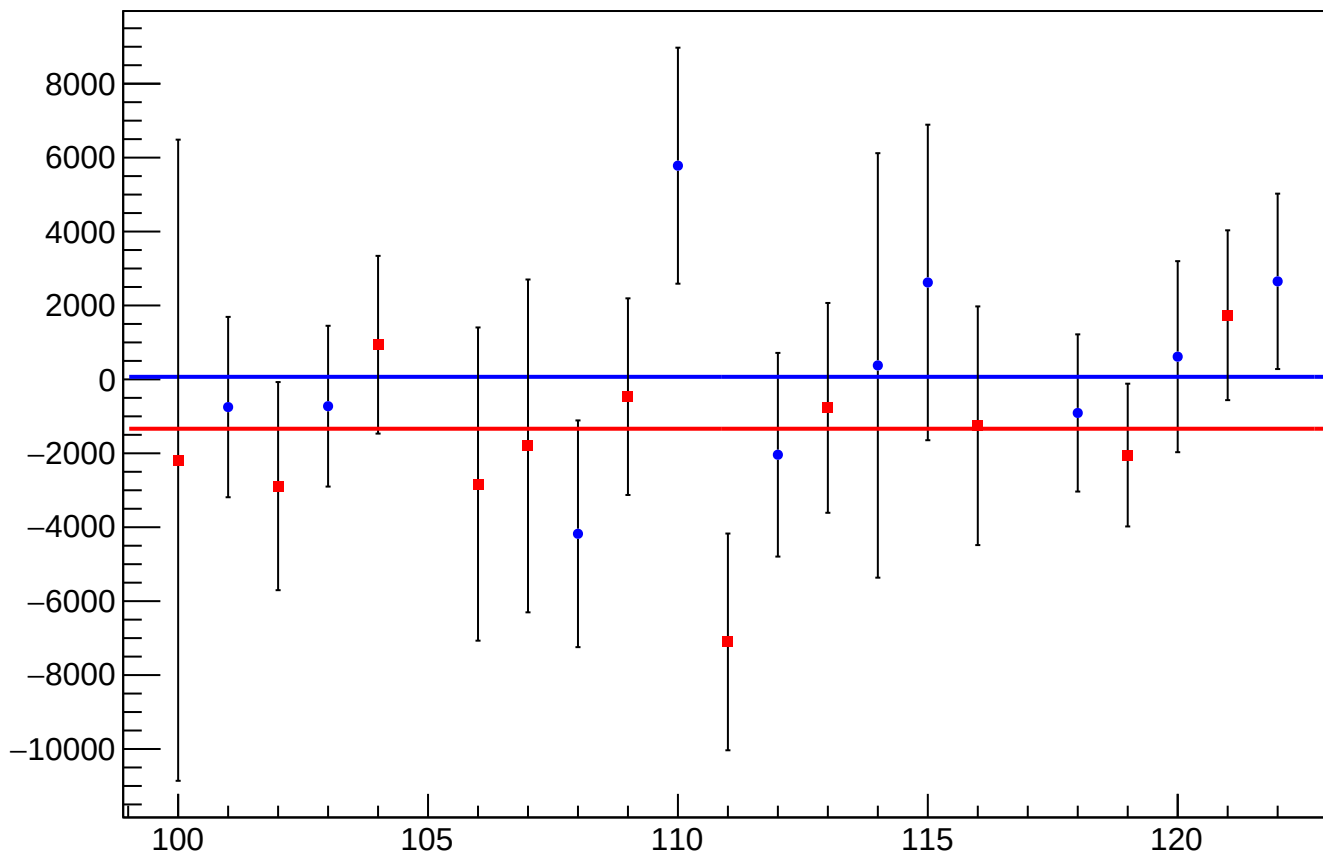
Right: 2180.522+/-0.553 χ^2/NDF : 1963790.9/21

In: 2269.348+/-0.843 χ^2/NDF : 1020104.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.522+/-0.553 χ^2/NDF : 1963790.9/21

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 69.215+/-860.945 χ^2/NDF : 7.8/9

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

Right Out: -1335.177+/-859.796 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

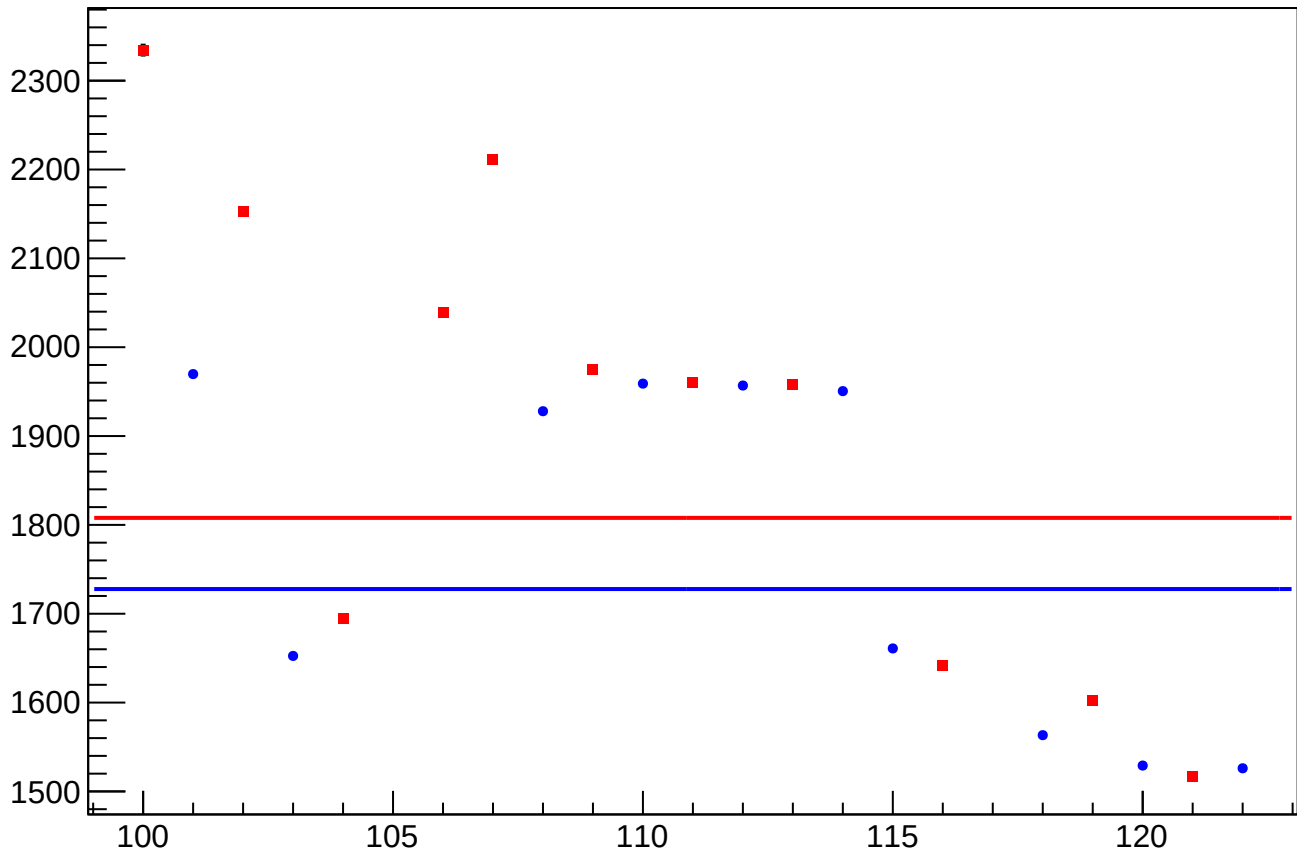
Right: -633.919+/-608.373 χ^2/NDF : 16.4/20

In: 69.215+/-860.945 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.919+/-608.373 χ^2/NDF : 16.4/20

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1727.788+/-0.609 χ^2/NDF : 96635.1/9

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

Right Out: 1807.898+/-0.605 χ^2/NDF : 143936.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

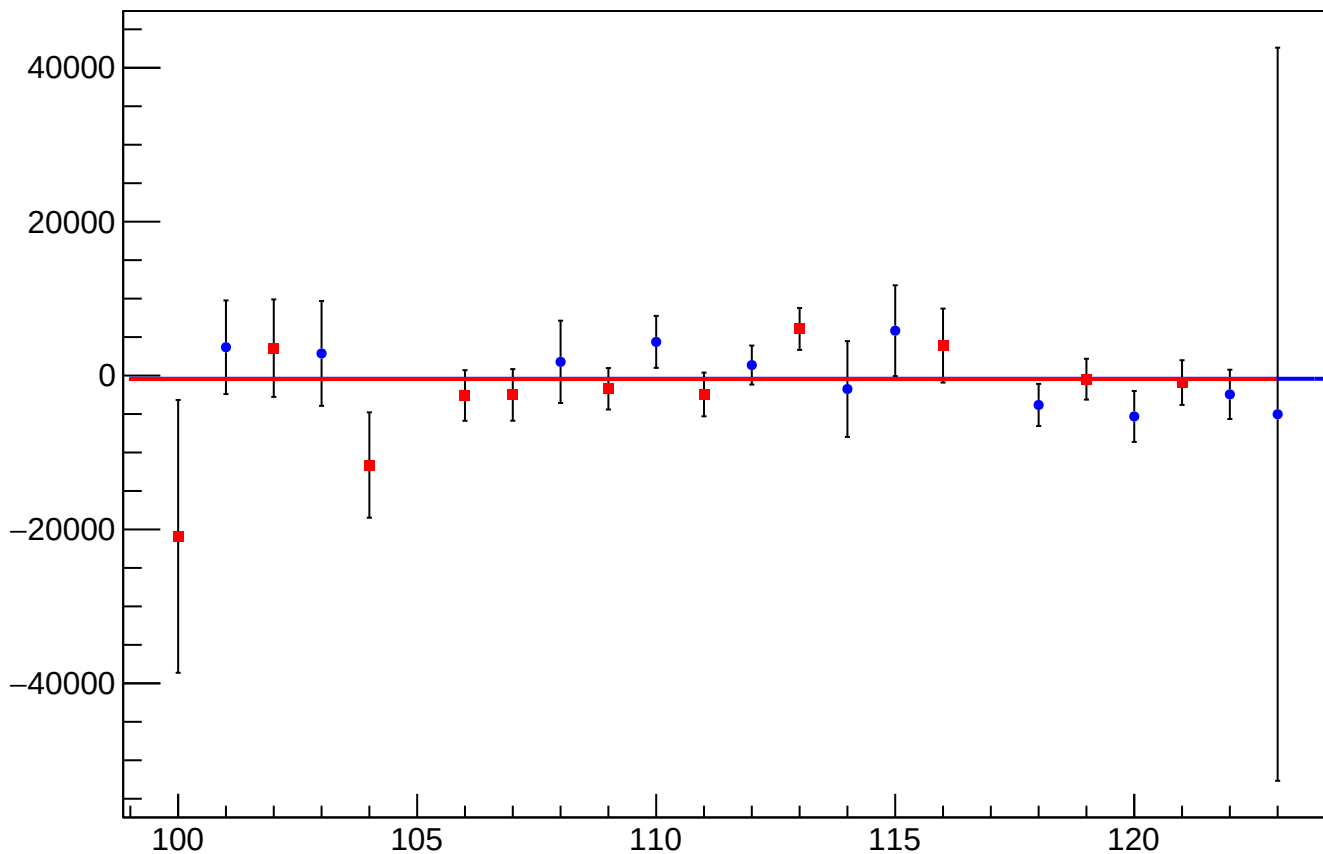
Right: 1768.061+/-0.429 χ^2/NDF : 249277.0/20

In: 1727.788+/-0.609 χ^2/NDF : 96635.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.061+/-0.429 χ^2/NDF : 249277.0/20

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -417.731+/-1192.108 χ^2/NDF : 8.7/10

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

Right Out: -449.872+/-1036.546 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

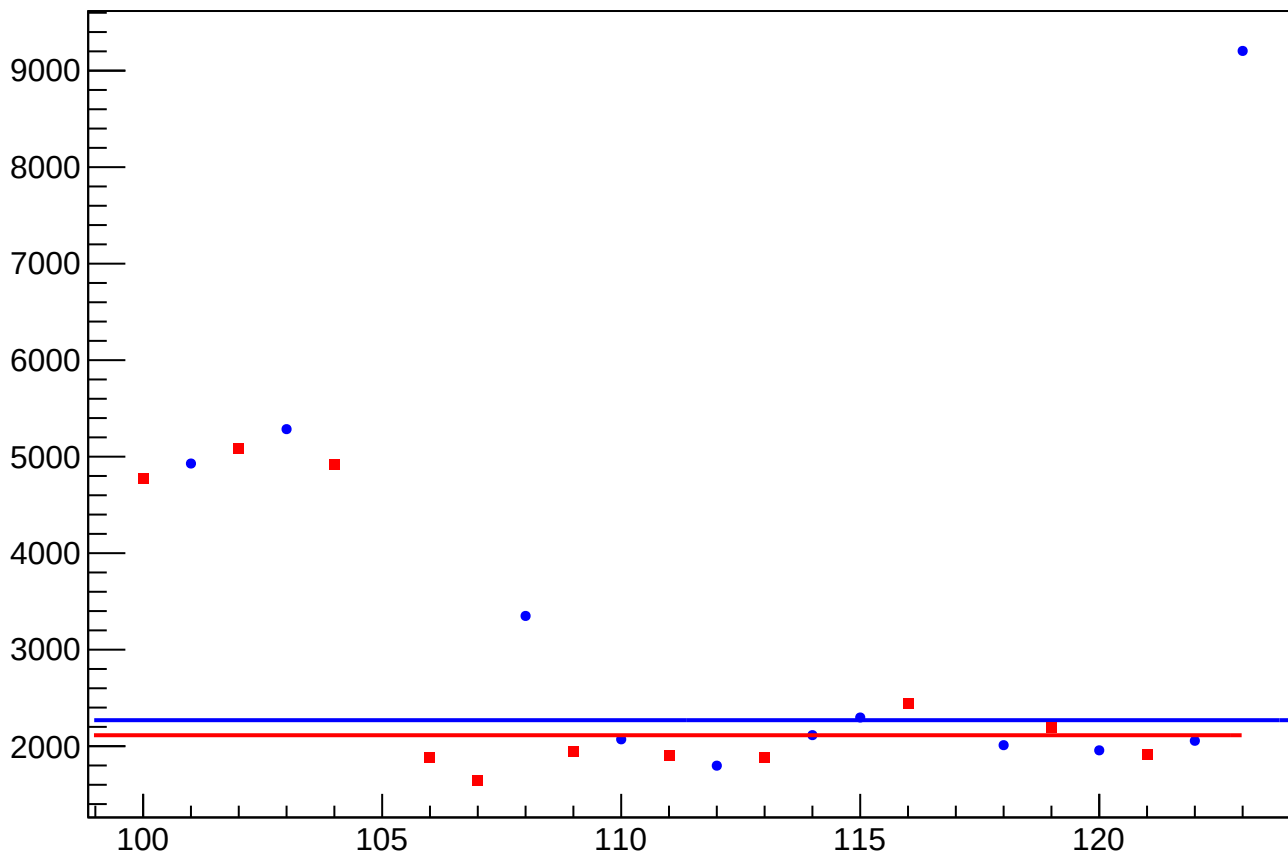
Right: -436.034+/-782.206 χ^2/NDF : 21.1/21

In: -417.731+/-1192.108 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.034+/-782.206 χ^2/NDF : 21.1/21

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2269.336+/-0.843 χ^2/NDF : 1020110.4/10

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

Right Out: 2113.358+/-0.733 χ^2/NDF : 924192.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

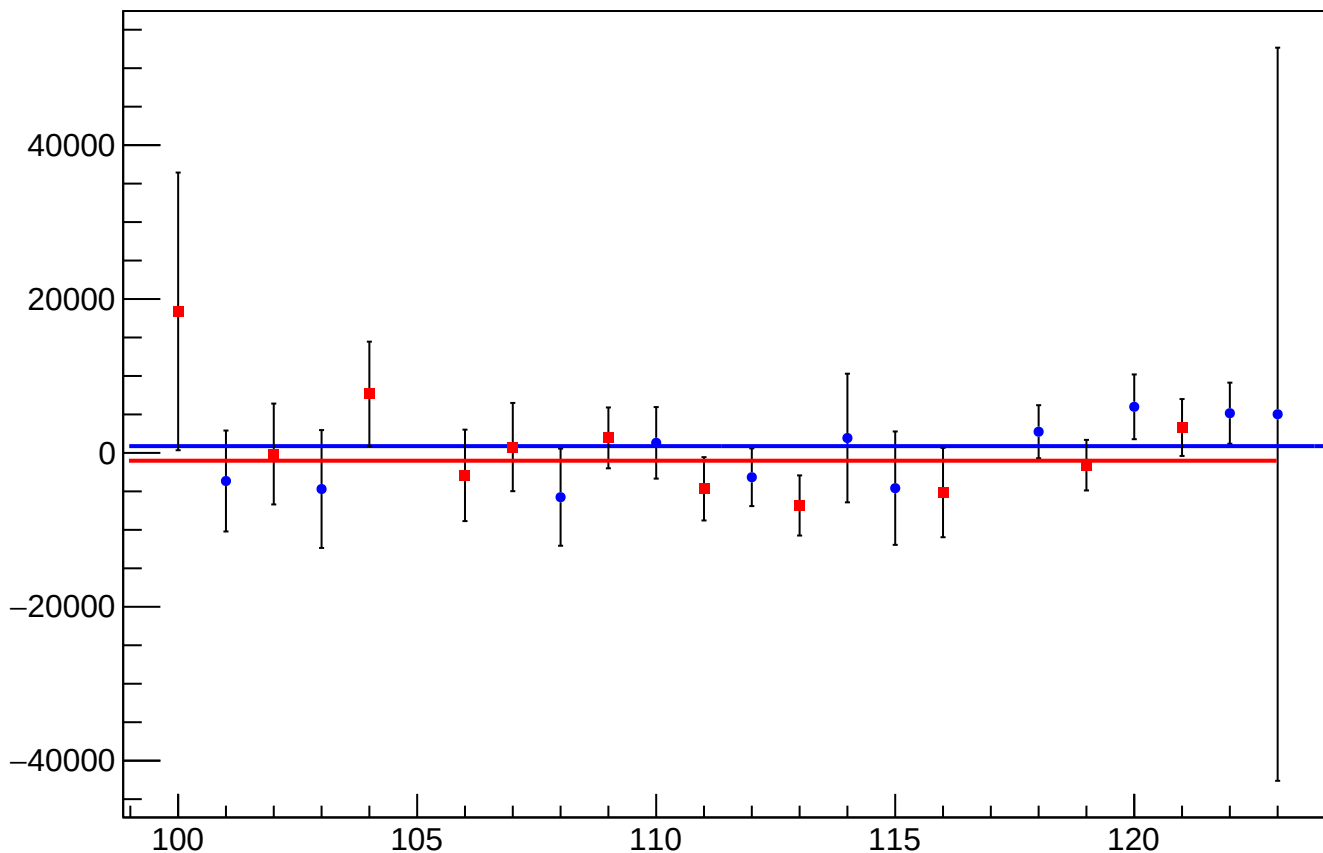
Right: 2180.513+/-0.553 χ^2/NDF : 1963800.4/21

In: 2269.336+/-0.843 χ^2/NDF : 1020110.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.513+/-0.553 χ^2/NDF : 1963800.4/21

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 880.703+/-1543.312 χ^2/NDF : 6.8/10

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

Right Out: -1013.316+/-1427.657 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

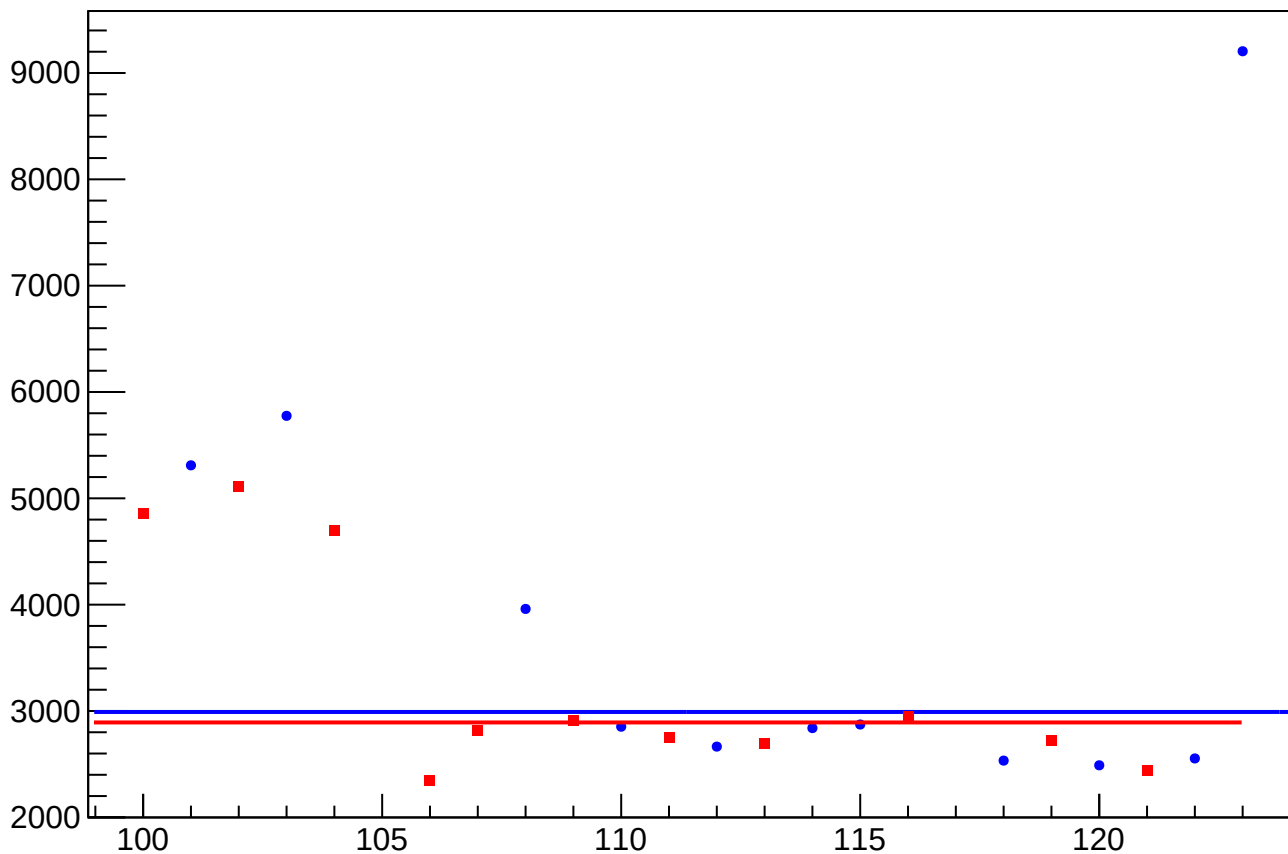
Right: -139.926+/-1048.011 χ^2/NDF : 16.1/21

In: 880.703+/-1543.312 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.926+/-1048.011 χ^2/NDF : 16.1/21

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2990.939+/-1.091 χ^2/NDF : 701594.7/10

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

Right Out: 2892.184+/-0.989 χ^2/NDF : 465470.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

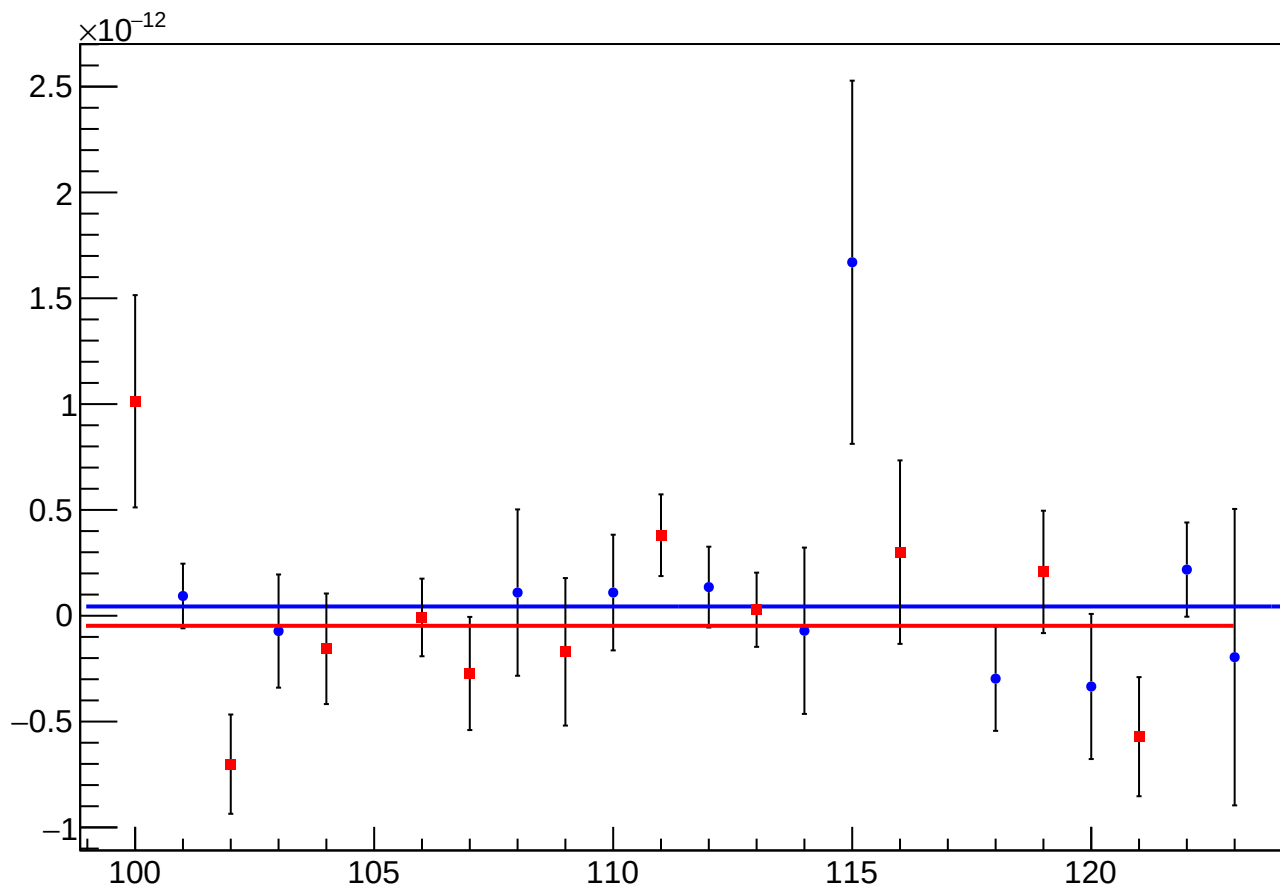
Right: 2936.711+/-0.733 χ^2/NDF : 1171561.7/21

In: 2990.939+/-1.091 χ^2/NDF : 701594.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2936.711+/-0.733 χ^2/NDF : 1171561.7/21

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/10

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

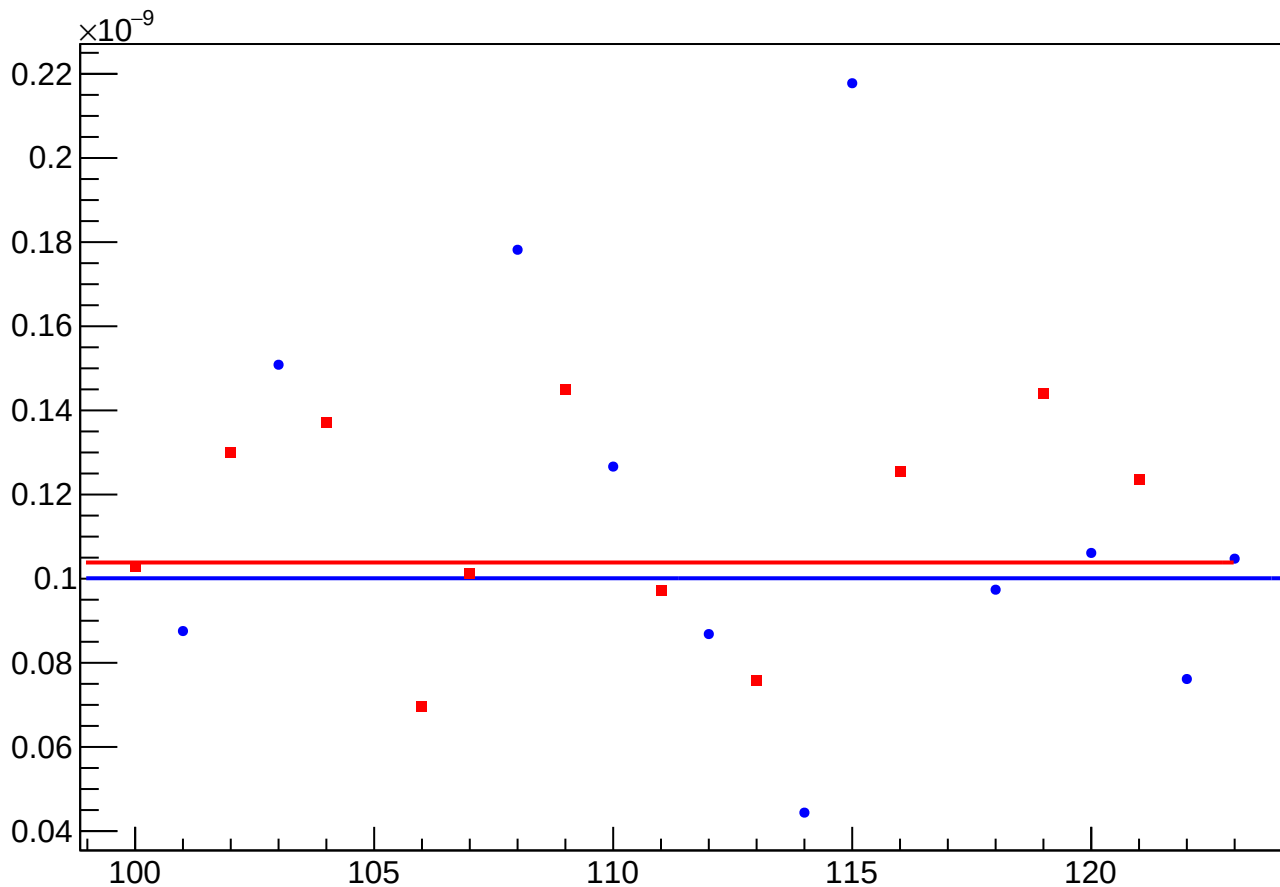
Right: -0.000+/-0.000 χ^2/NDF : 32.1/21

In: 0.000+/-0.000 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.1/21

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 294999.2/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 262335.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

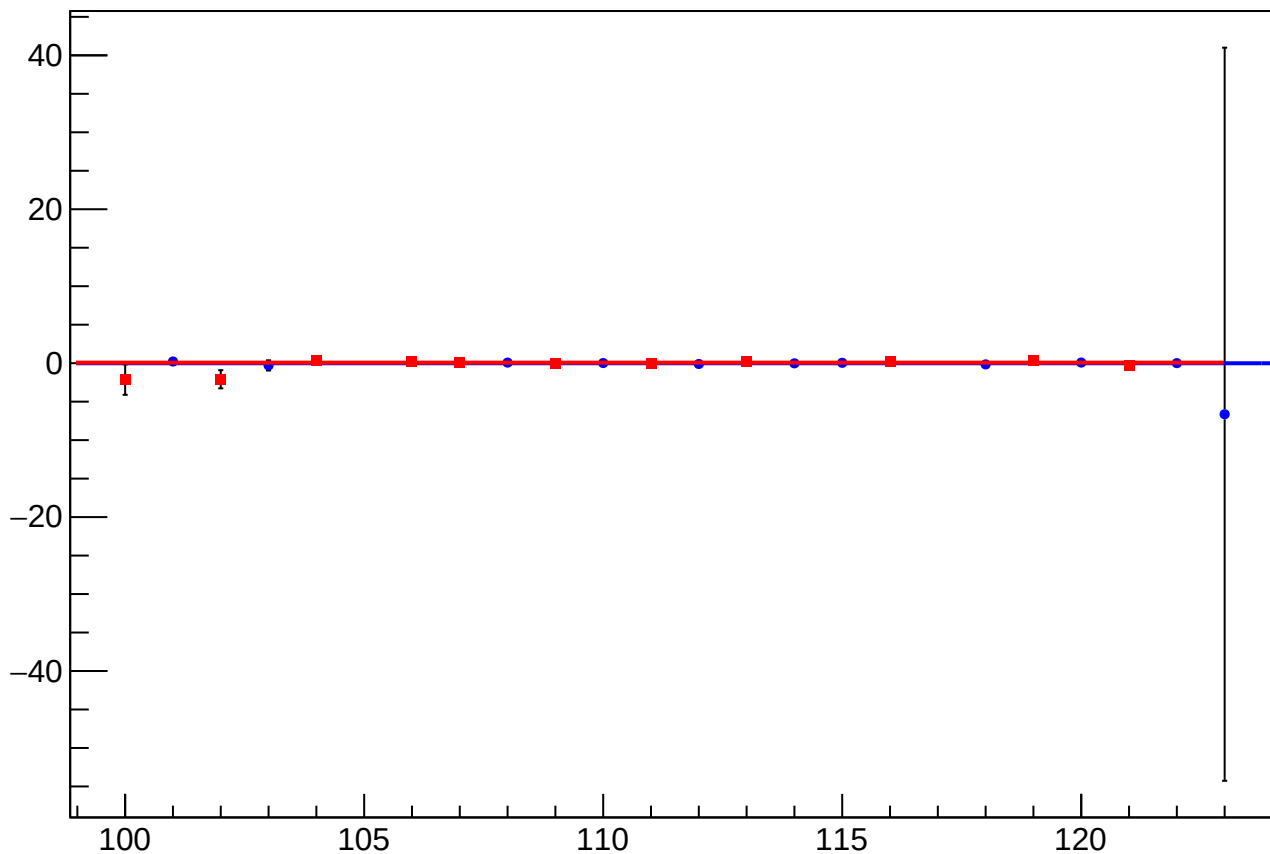
Right: 0.000+/-0.000 χ^2/NDF : 559694.8/21

In: 0.000+/-0.000 χ^2/NDF : 294999.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 559694.8/21

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.054 χ^2/NDF : 3.5/10

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

Right Out: 0.071+/-0.052 χ^2/NDF : 22.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

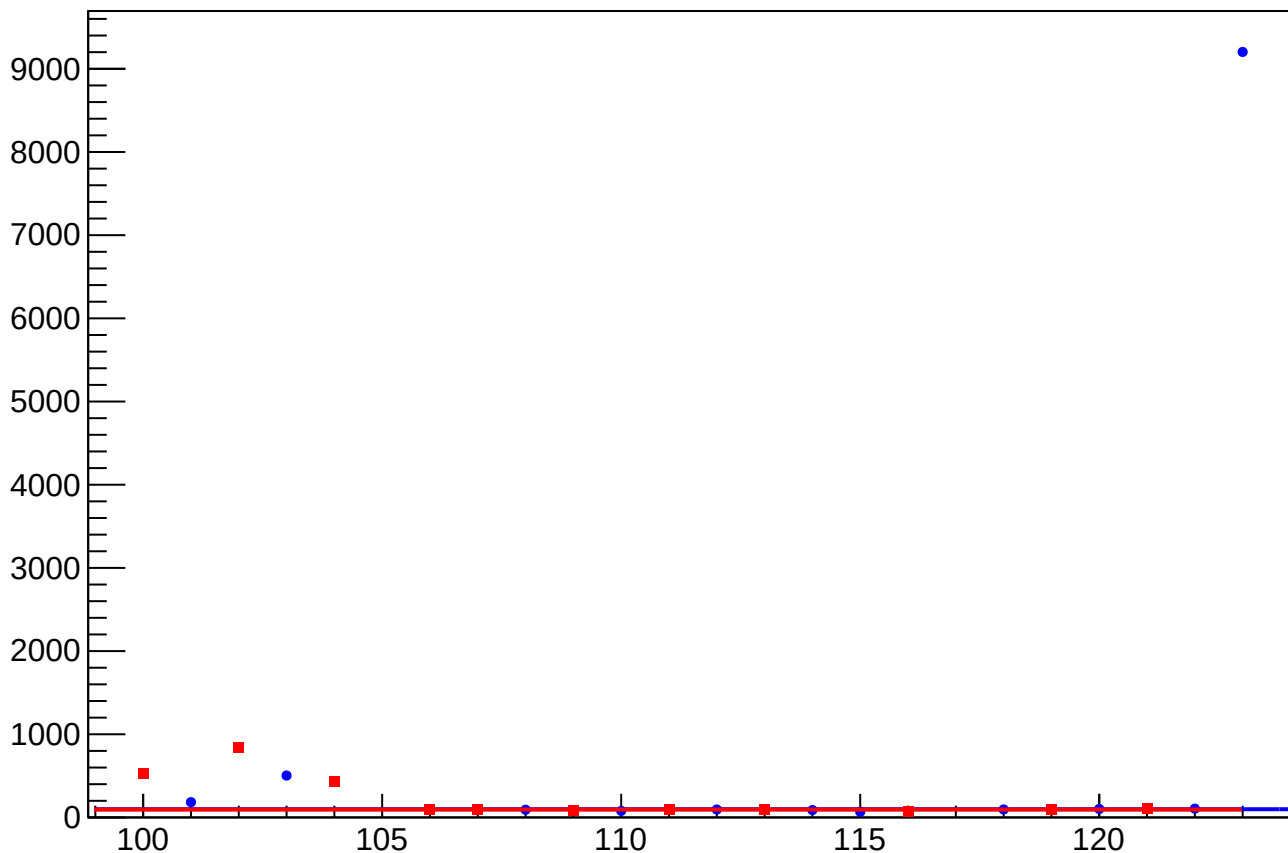
Right: 0.032+/-0.038 χ^2/NDF : 27.3/21

In: -0.011+/-0.054 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.038 χ^2/NDF : 27.3/21

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.999+/-0.038 χ^2/NDF : 1198615.5/10

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

Right Out: 95.104+/-0.037 χ^2/NDF : 1499217.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

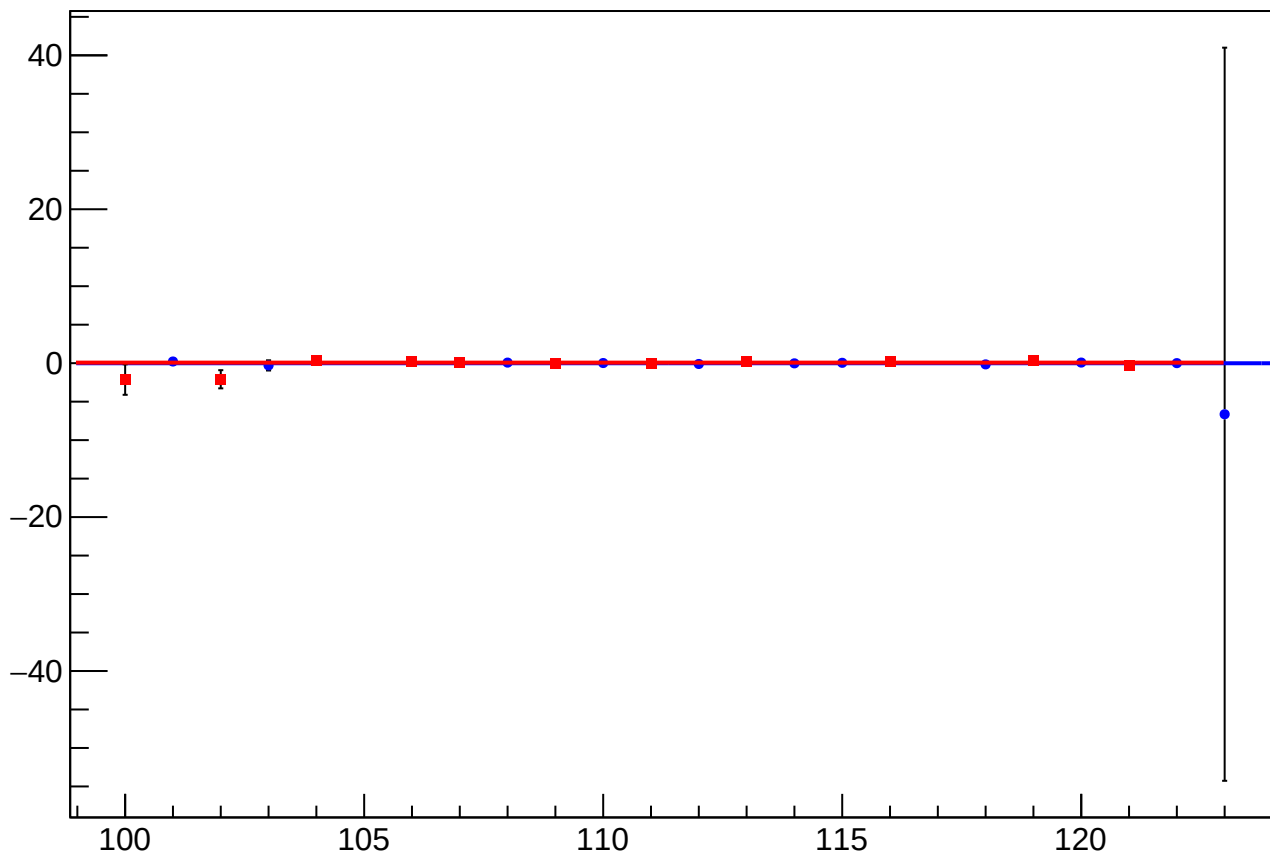
Right: 96.959+/-0.027 χ^2/NDF : 2703196.3/21

In: 98.999+/-0.038 χ^2/NDF : 1198615.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.959+/-0.027 χ^2/NDF : 2703196.3/21

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.054 χ^2 /NDF: 3.5/10

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

Right Out: 0.071 $\pm$ 0.052 χ^2 /NDF: 22.7/10

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

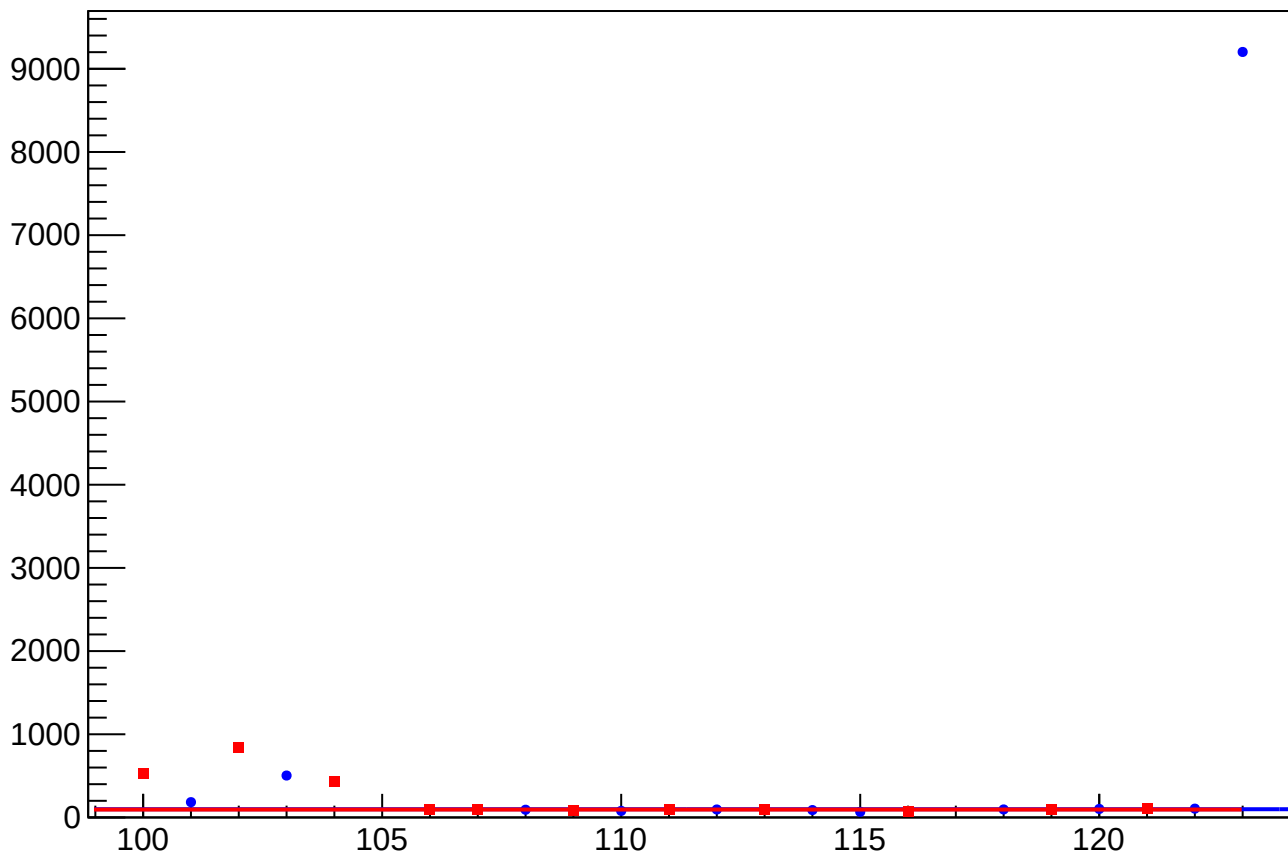
Right: 0.032 $\pm$ 0.038 χ^2 /NDF: 27.3/21

In: -0.011 $\pm$ 0.054 χ^2 /NDF:3.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.038 χ^2 /NDF: 27.3/21

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.999+/-0.038 χ^2/NDF : 1198615.5/10

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

Right Out: 95.104+/-0.037 χ^2/NDF : 1499217.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

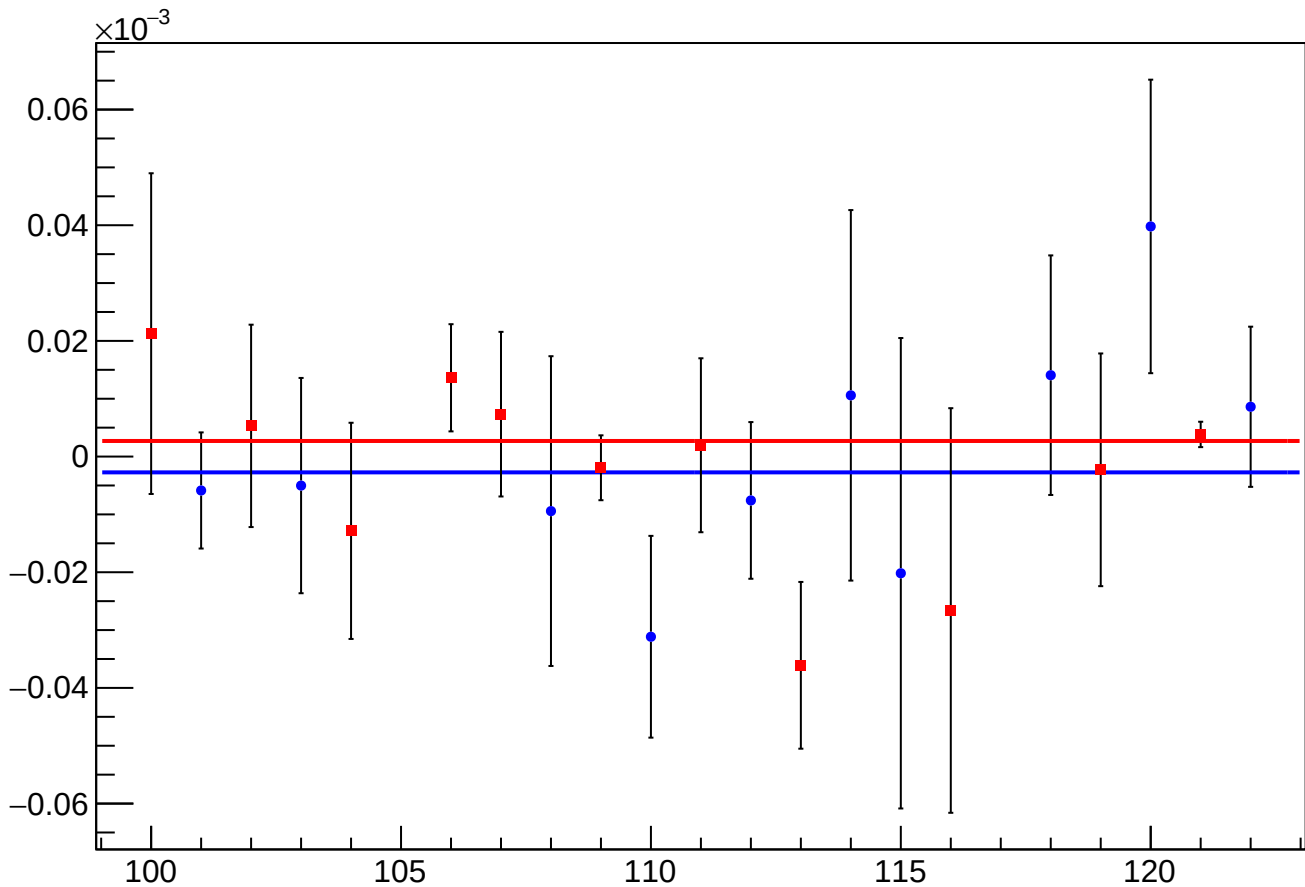
Right: 96.959+/-0.027 χ^2/NDF : 2703196.3/21

In: 98.999+/-0.038 χ^2/NDF : 1198615.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.959+/-0.027 χ^2/NDF : 2703196.3/21

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/9

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

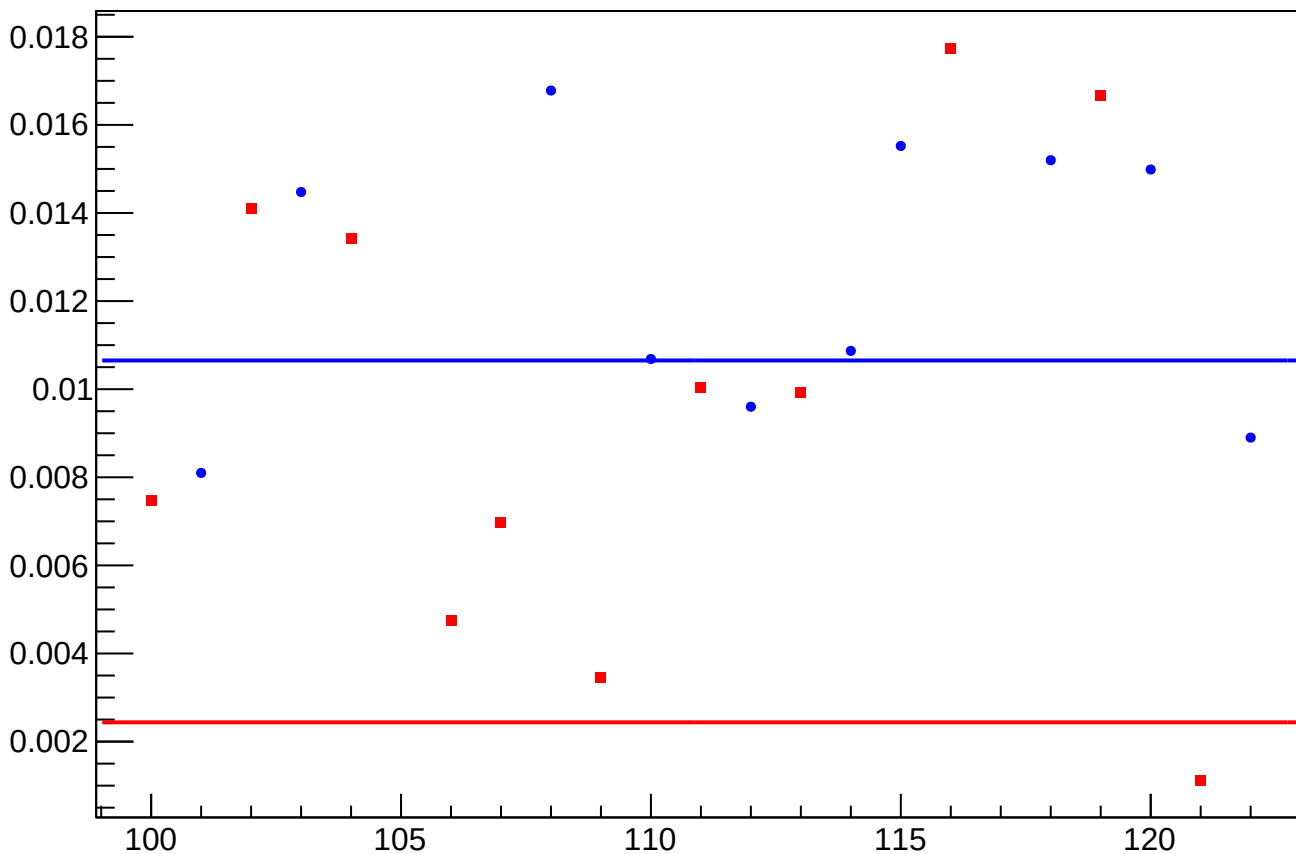
Right: 0.000+/-0.000 χ^2/NDF : 19.9/20

In: -0.000+/-0.000 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.9/20

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 545891.7/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 5203315.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

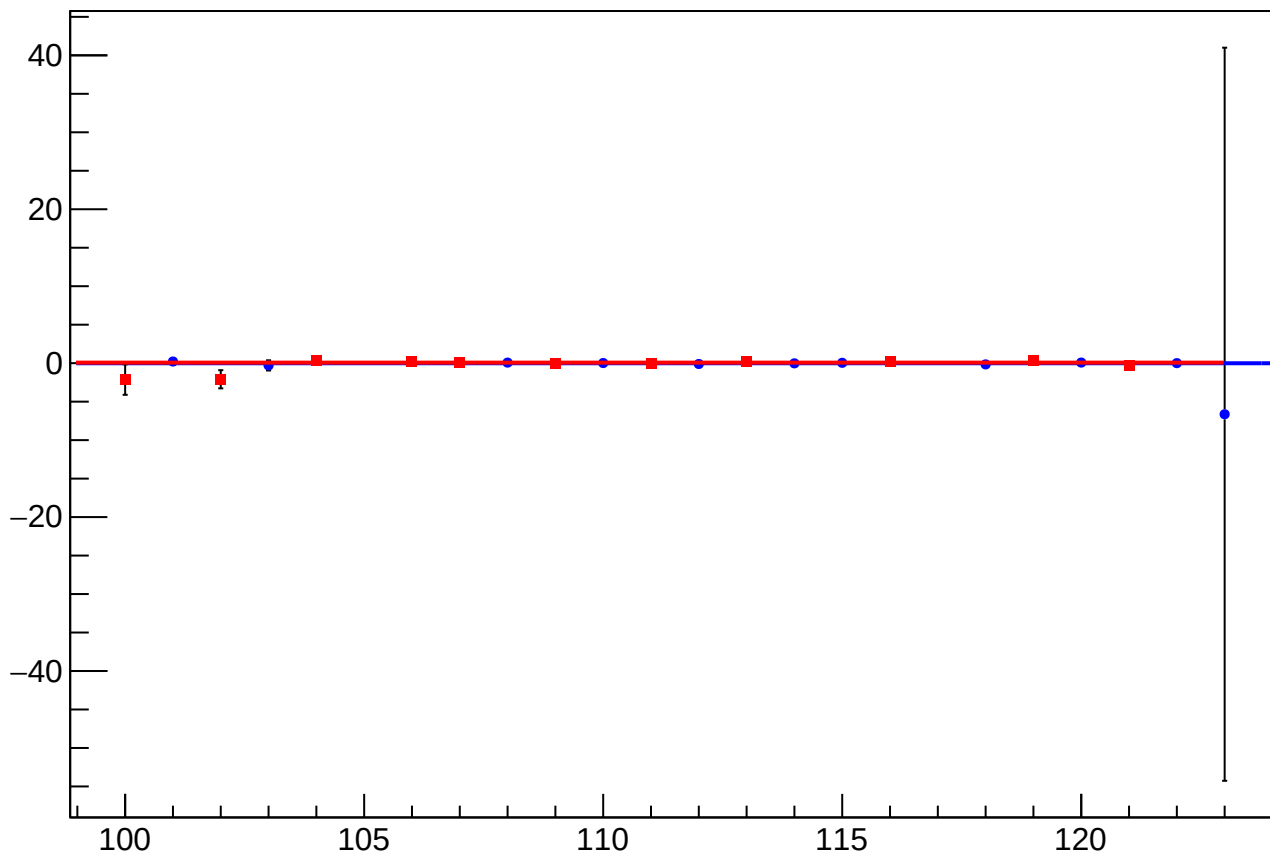
Right: 0.003+/-0.000 χ^2/NDF : 9793733.3/20

In: 0.011+/-0.000 χ^2/NDF : 545891.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9793733.3/20

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.054 χ^2/NDF : 3.5/10

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

Right Out: 0.071+/-0.052 χ^2/NDF : 22.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

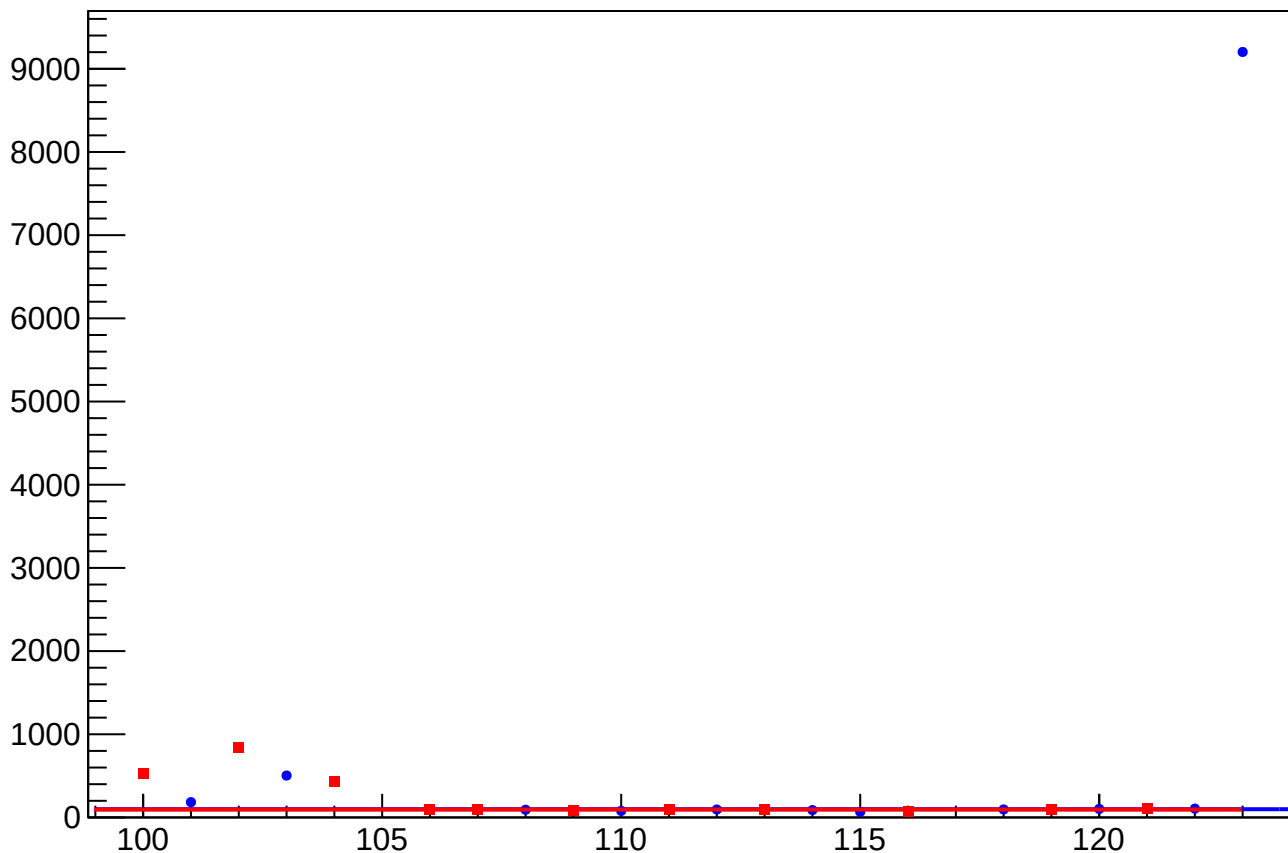
Right: 0.032+/-0.038 χ^2/NDF : 27.3/21

In: -0.011+/-0.054 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.038 χ^2/NDF : 27.3/21

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.000+/-0.038 χ^2/NDF : 1198586.2/10

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

Right Out: 95.106+/-0.037 χ^2/NDF : 1499169.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

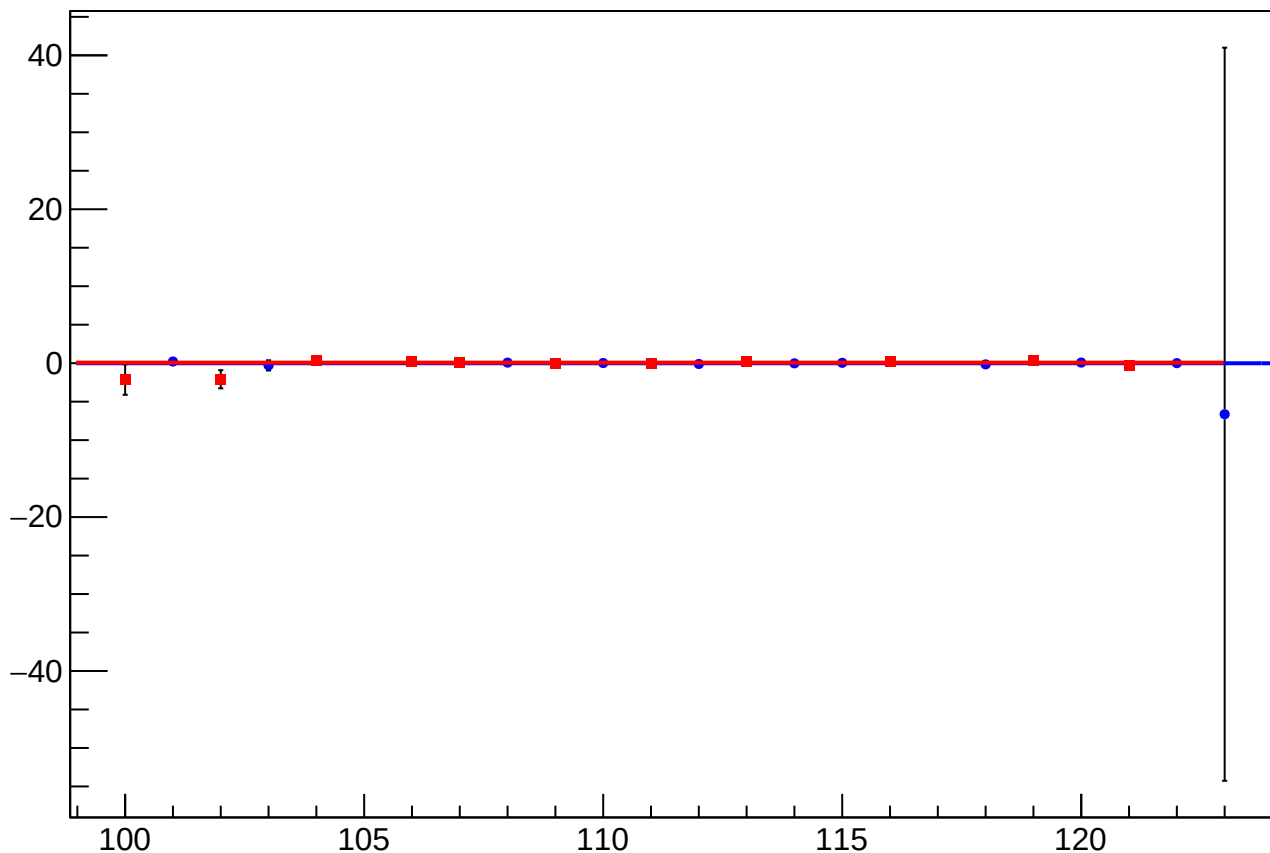
Right: 96.961+/-0.027 χ^2/NDF : 2703119.0/21

In: 99.000+/-0.038 χ^2/NDF : 1198586.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.961+/-0.027 χ^2/NDF : 2703119.0/21

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.054 χ^2/NDF : 3.5/10

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

Right Out: 0.071+/-0.052 χ^2/NDF : 22.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

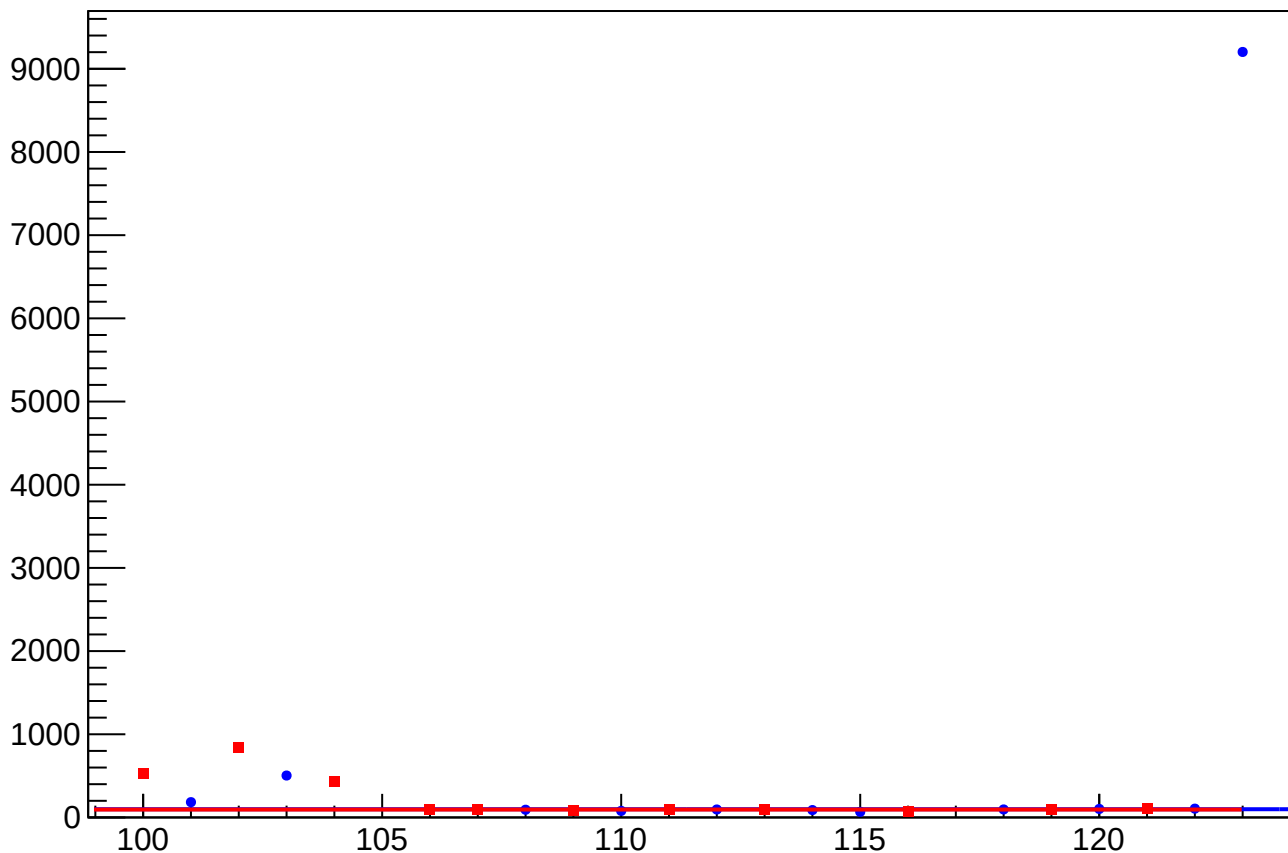
Right: 0.032+/-0.038 χ^2/NDF : 27.3/21

In: -0.011+/-0.054 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.038 χ^2/NDF : 27.3/21

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.000+/-0.038 χ^2/NDF : 1198586.2/10

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

Right Out: 95.106+/-0.037 χ^2/NDF : 1499169.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

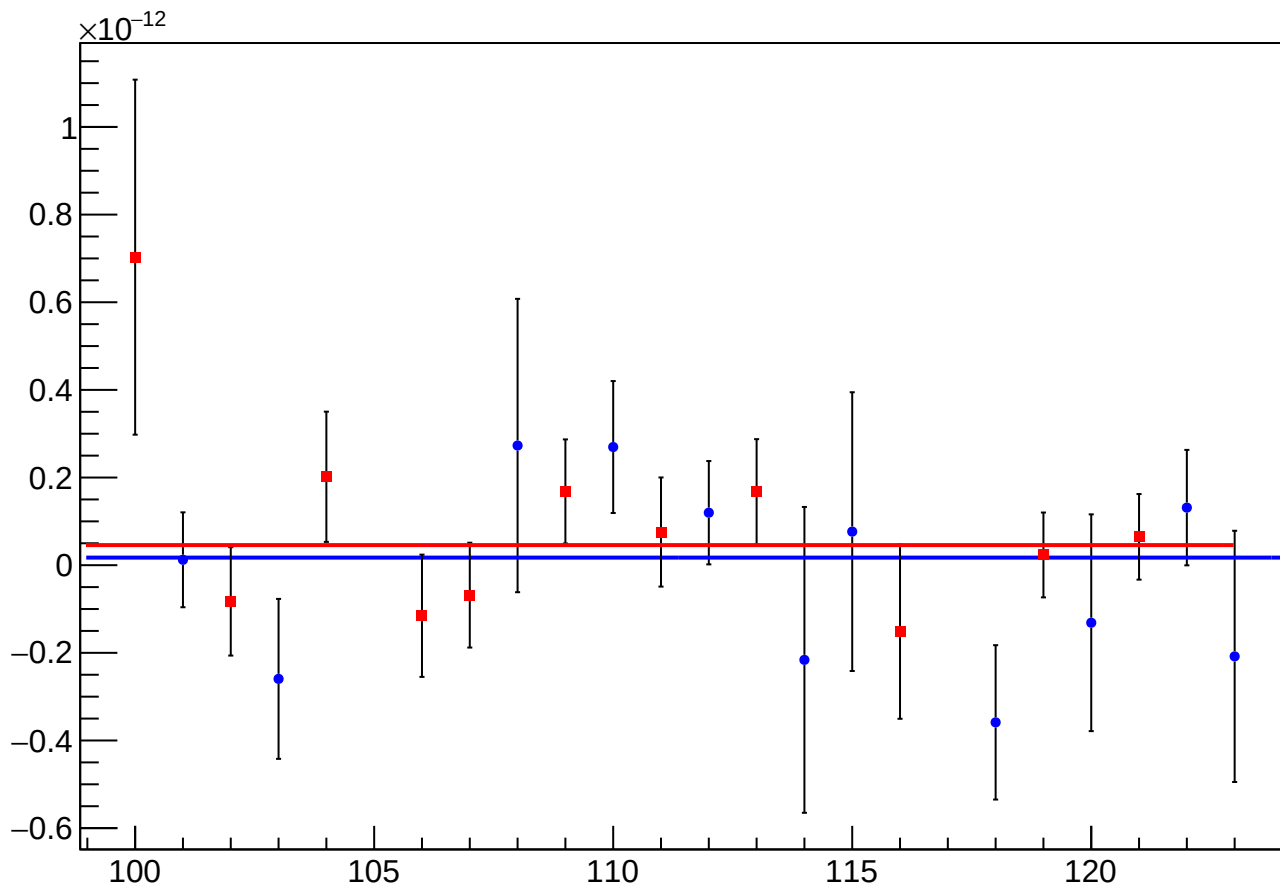
Right: 96.961+/-0.027 χ^2/NDF : 2703119.0/21

In: 99.000+/-0.038 χ^2/NDF : 1198586.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.961+/-0.027 χ^2/NDF : 2703119.0/21

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.2/10

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

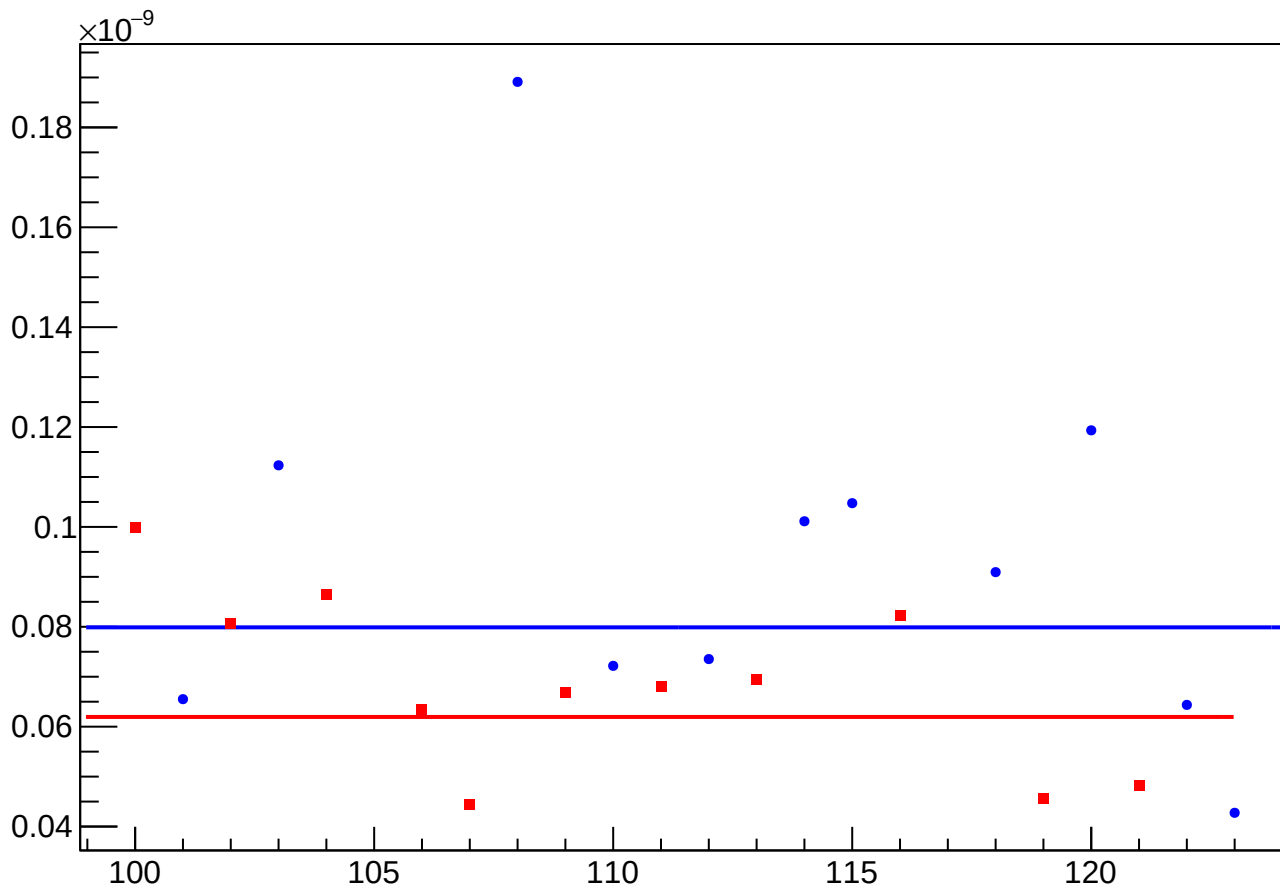
Right: 0.000+/-0.000 χ^2/NDF : 23.7/21

In: 0.000+/-0.000 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/21

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 462311.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 295416.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

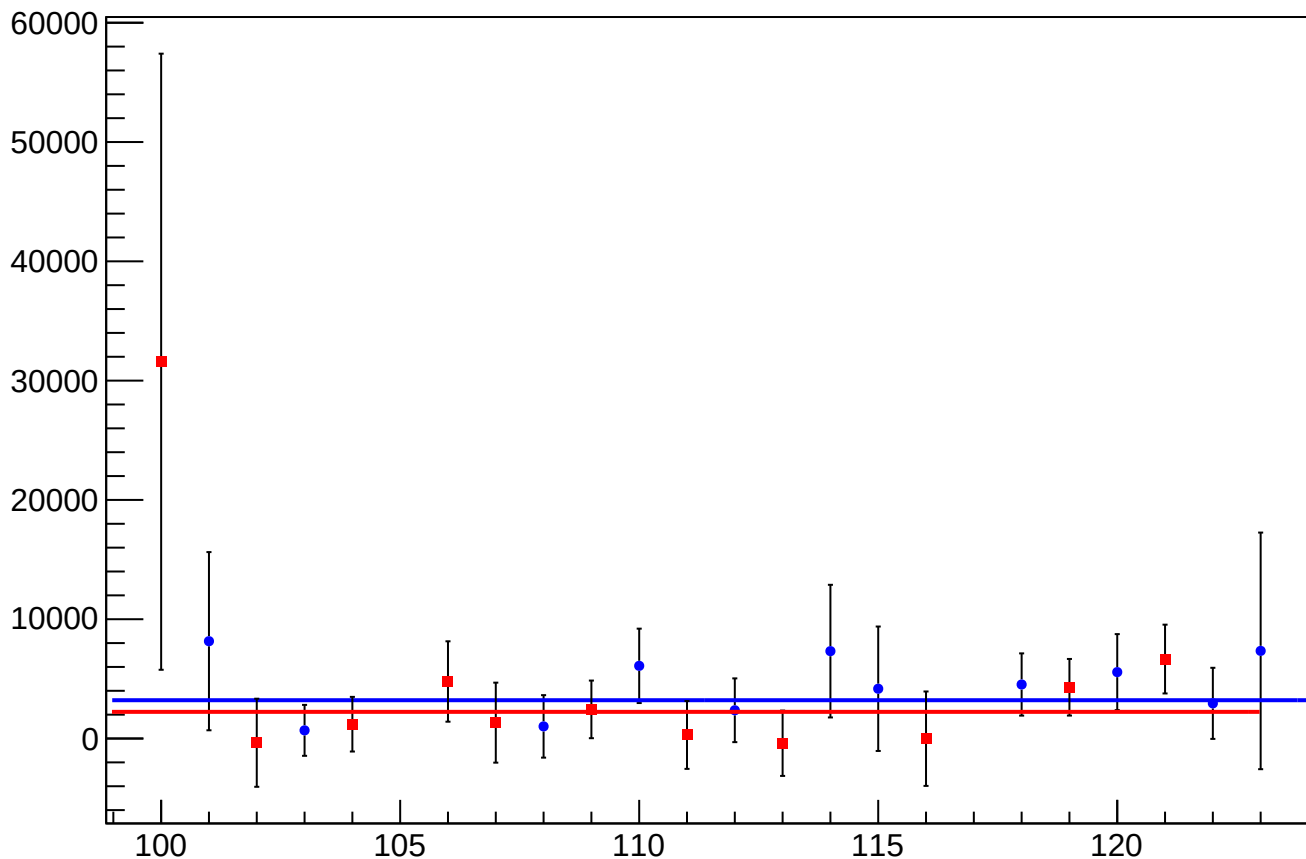
Right: 0.000+/-0.000 χ^2/NDF : 913816.9/21

In: 0.000+/-0.000 χ^2/NDF : 462311.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 913816.9/21

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3210.736+/-969.633 χ^2/NDF : 5.1/10

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

Right Out: 2235.342+/-900.664 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

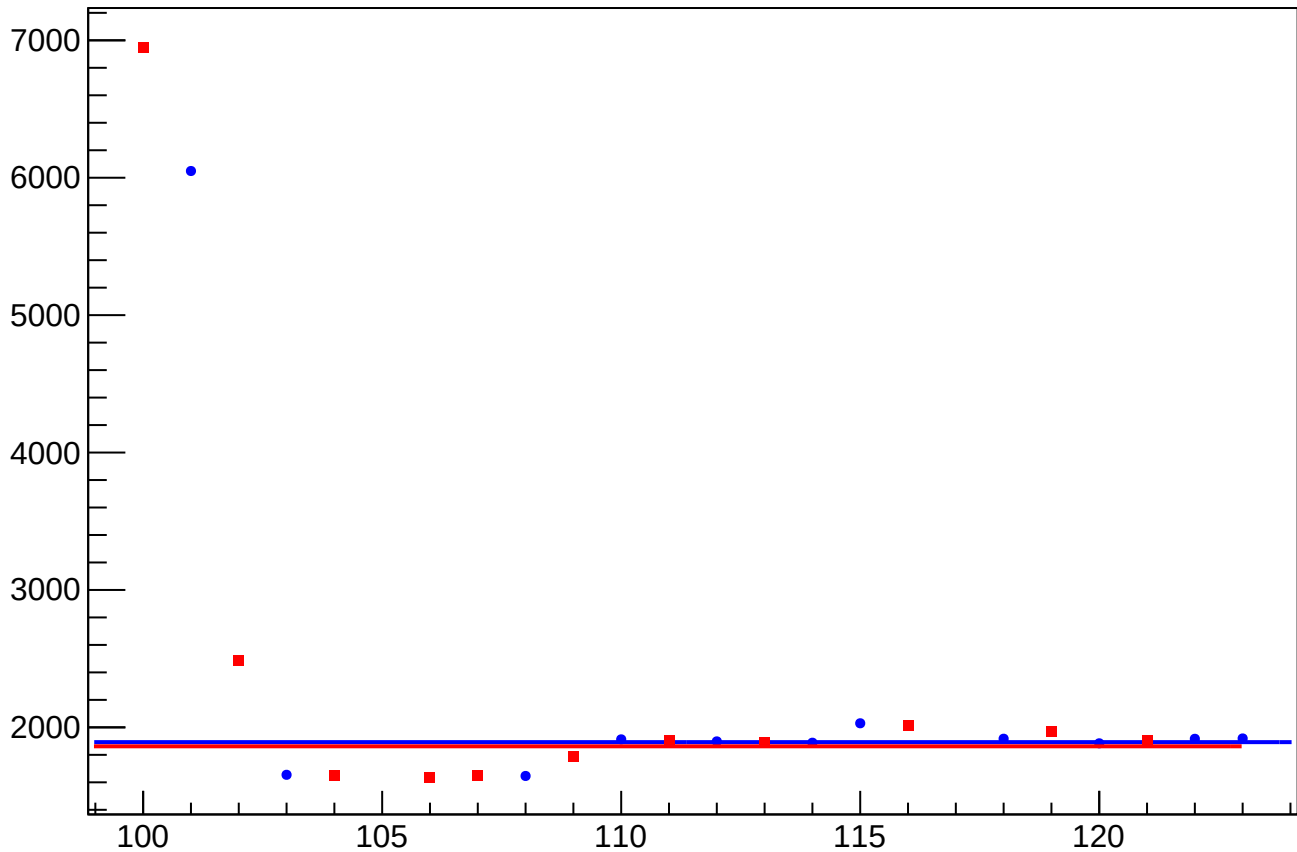
Right: 2687.119+/-659.902 χ^2/NDF : 13.1/21

In: 3210.736+/-969.633 χ^2/NDF : 5.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2687.119+/-659.902 χ^2/NDF : 13.1/21

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1892.485+/-0.686 χ^2/NDF : 663703.2/10

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

Right Out: 1862.076+/-0.633 χ^2/NDF : 181124.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

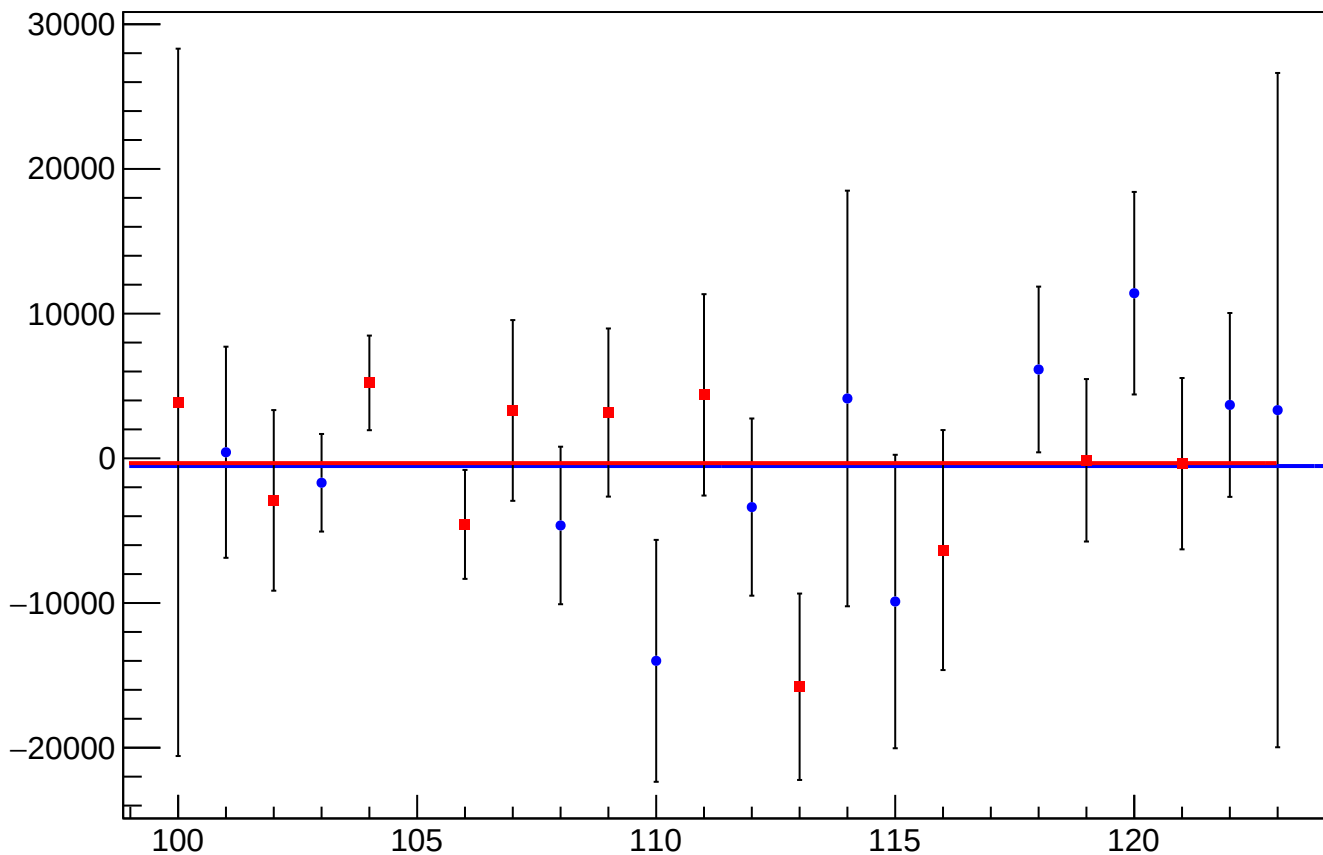
Right: 1876.077+/-0.465 χ^2/NDF : 845889.4/21

In: 1892.485+/-0.686 χ^2/NDF : 663703.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.077+/-0.465 χ^2/NDF : 845889.4/21

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -533.351+/-1912.115 χ^2/NDF : 9.2/10

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

Right Out: -331.315+/-1652.366 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

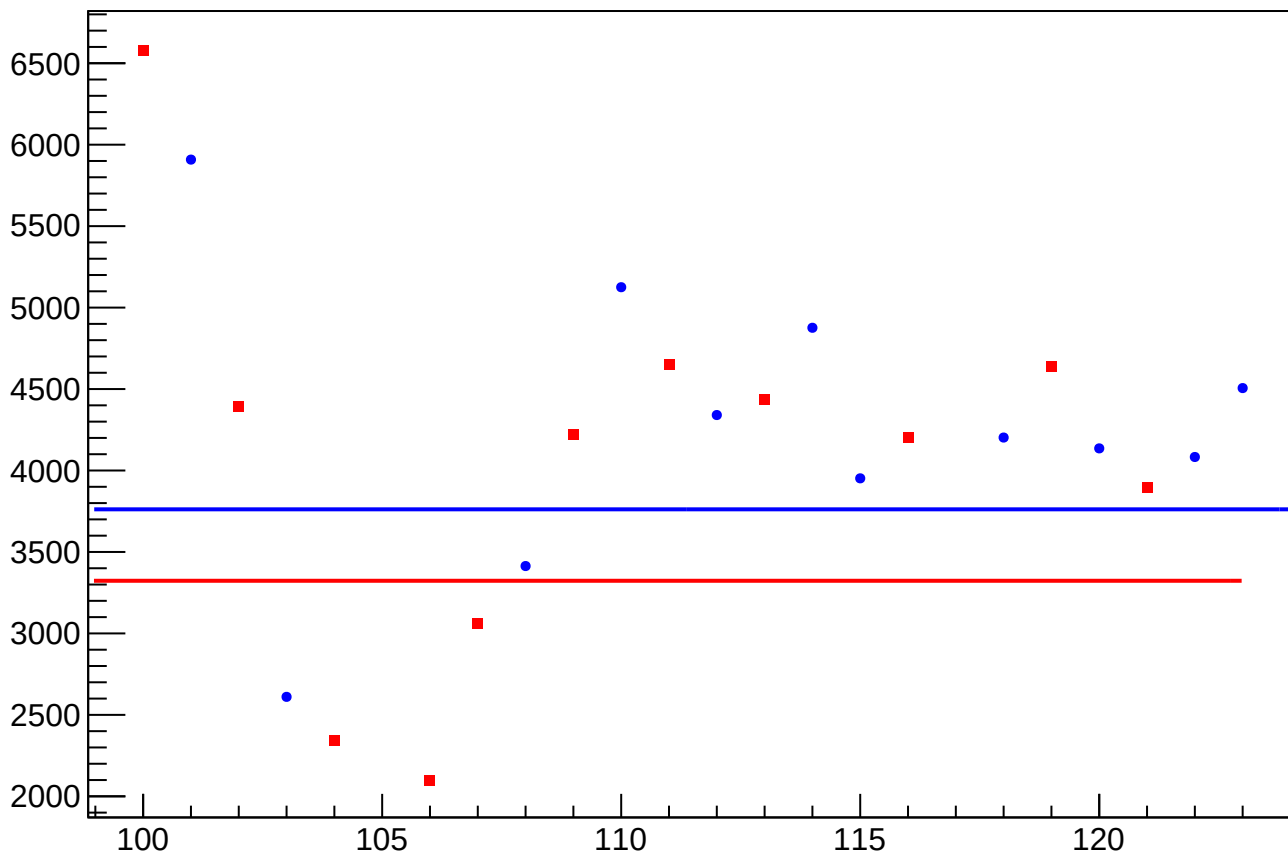
Right: -417.688+/-1250.227 χ^2/NDF : 21.0/21

In: -533.351+/-1912.115 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -417.688+/-1250.227 χ^2/NDF : 21.0/21

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3761.693+/-1.352 χ^2/NDF : 522813.8/10

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

Right Out: 3323.156+/-1.168 χ^2/NDF : 822128.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

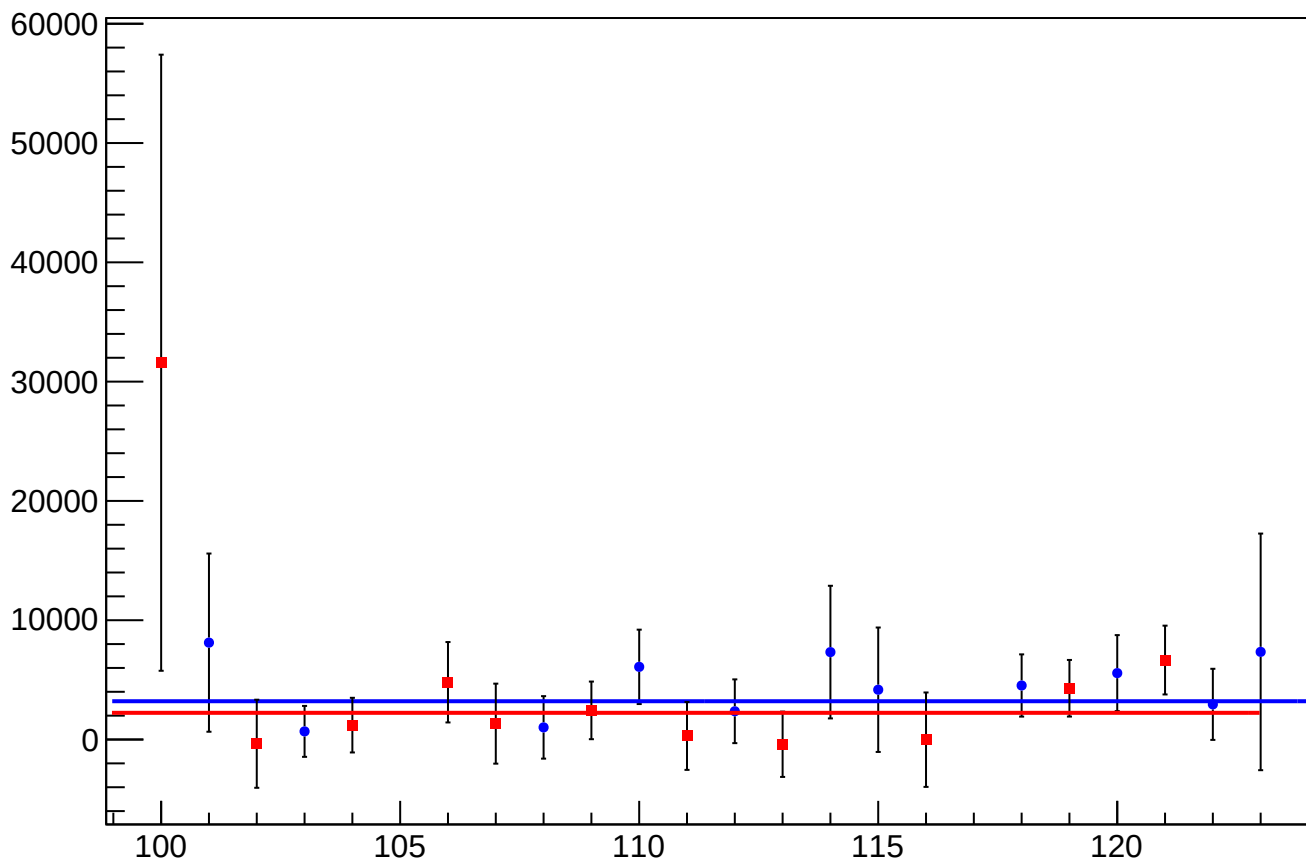
Right: 3510.636+/-0.884 χ^2/NDF : 1405167.9/21

In: 3761.693+/-1.352 χ^2/NDF : 522813.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3510.636+/-0.884 χ^2/NDF : 1405167.9/21

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3209.621+/-969.634 χ^2/NDF : 5.1/10

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

Right Out: 2237.353+/-900.673 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

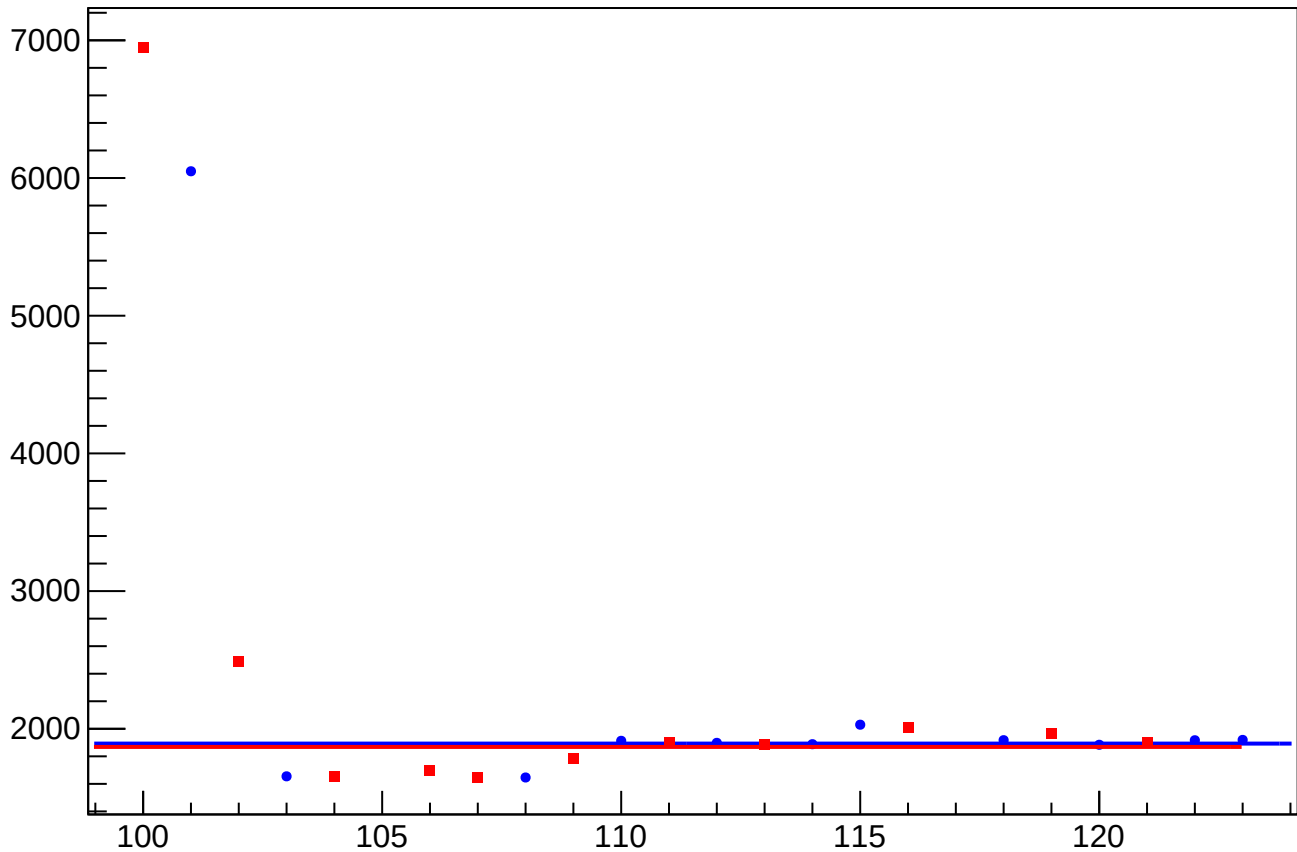
Right: 2687.687+/-659.906 χ^2/NDF : 13.1/21

In: 3209.621+/-969.634 χ^2/NDF : 5.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2687.687+/-659.906 χ^2/NDF : 13.1/21

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1892.486+/-0.686 χ^2/NDF : 663702.4/10

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

Right Out: 1868.286+/-0.635 χ^2/NDF : 175579.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

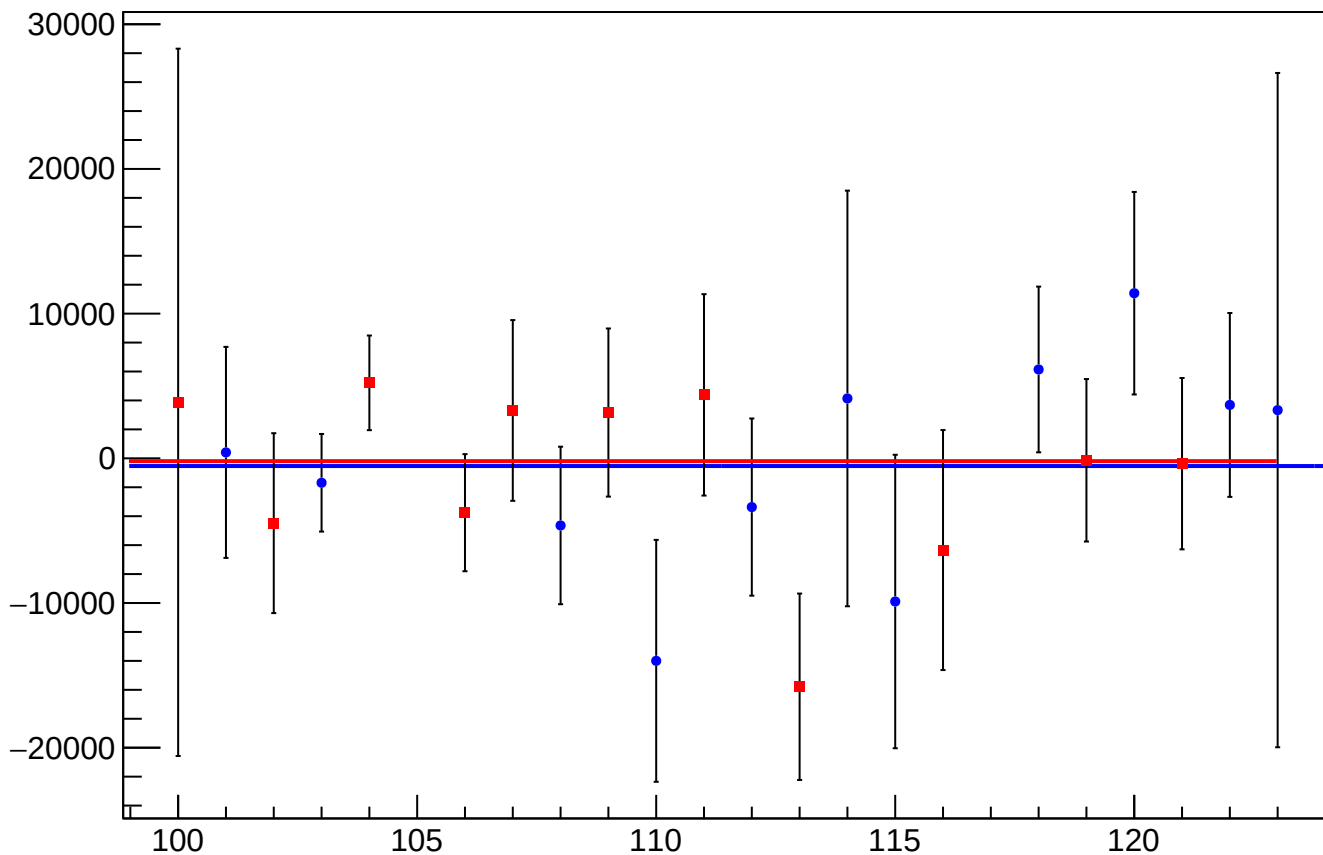
Right: 1879.464+/-0.466 χ^2/NDF : 839951.7/21

In: 1892.486+/-0.686 χ^2/NDF : 663702.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.464+/-0.466 χ^2/NDF : 839951.7/21

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -533.849+/-1912.121 χ^2/NDF : 9.2/10

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

Right Out: -195.020+/-1673.756 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

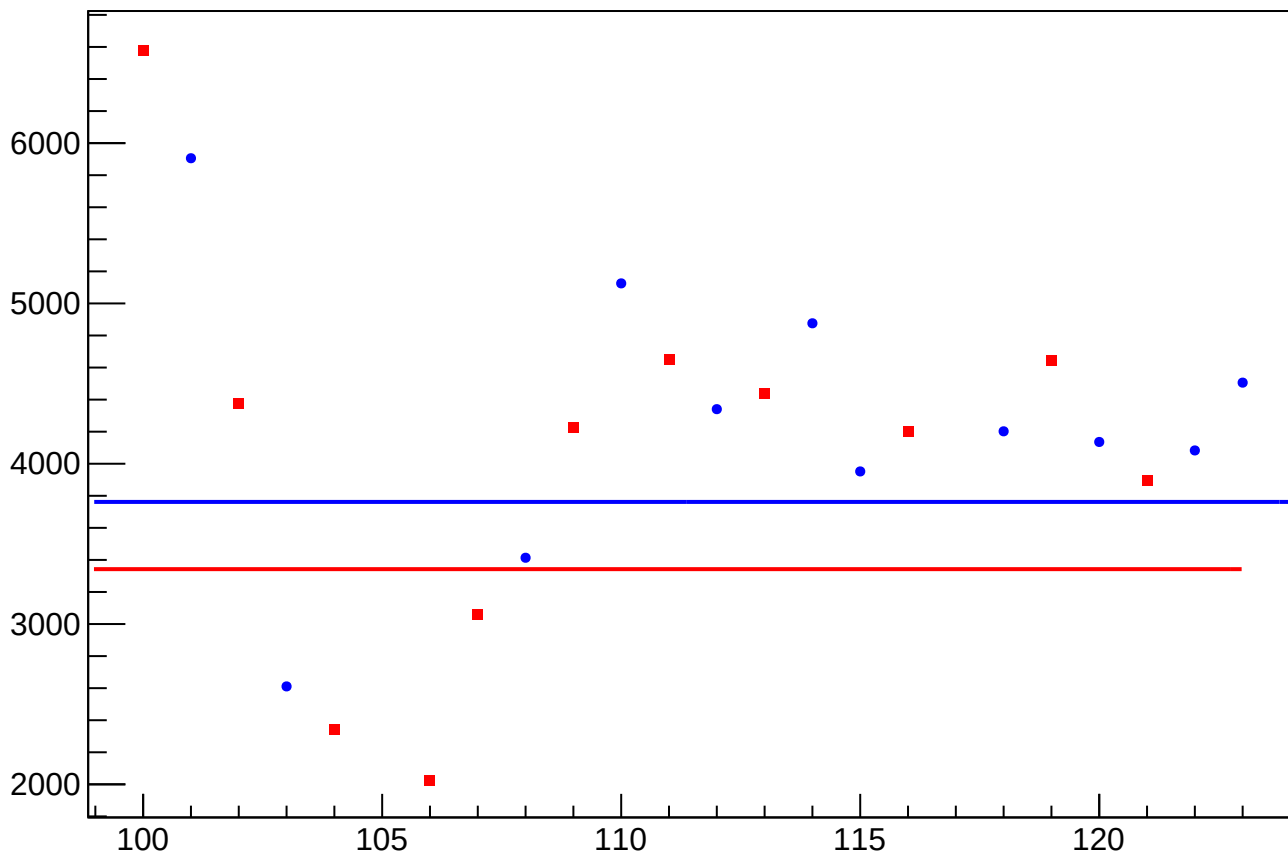
Right: -342.011+/-1259.418 χ^2/NDF : 20.7/21

In: -533.849+/-1912.121 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.011+/-1259.418 χ^2/NDF : 20.7/21

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3761.830+/-1.352 χ^2/NDF : 522363.5/10

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

Right Out: 3342.444+/-1.184 χ^2/NDF : 813882.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

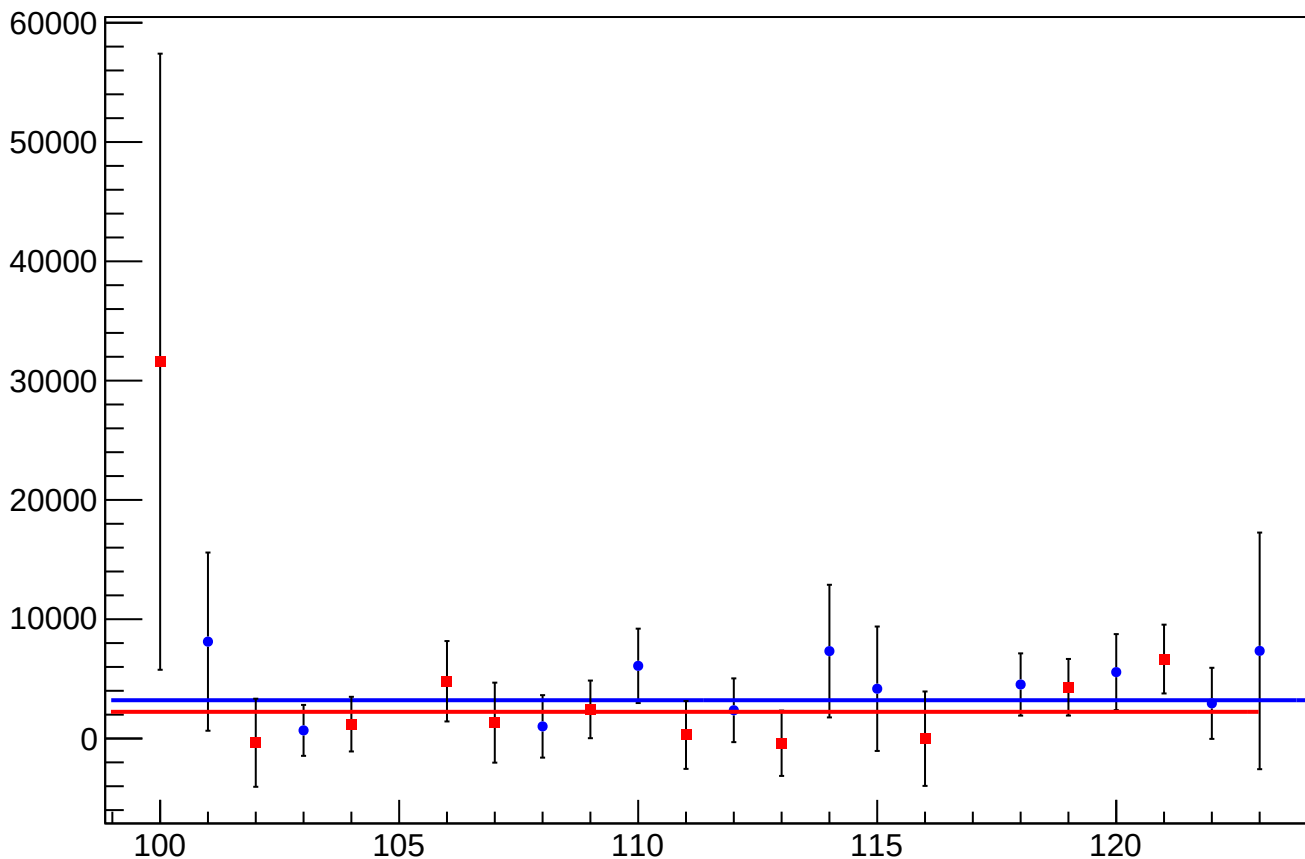
Right: 3524.382+/-0.891 χ^2/NDF : 1390719.4/21

In: 3761.830+/-1.352 χ^2/NDF : 522363.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3524.382+/-0.891 χ^2/NDF : 1390719.4/21

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3209.621+/-969.634 χ^2/NDF : 5.1/10

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

Right Out: 2237.353+/-900.673 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

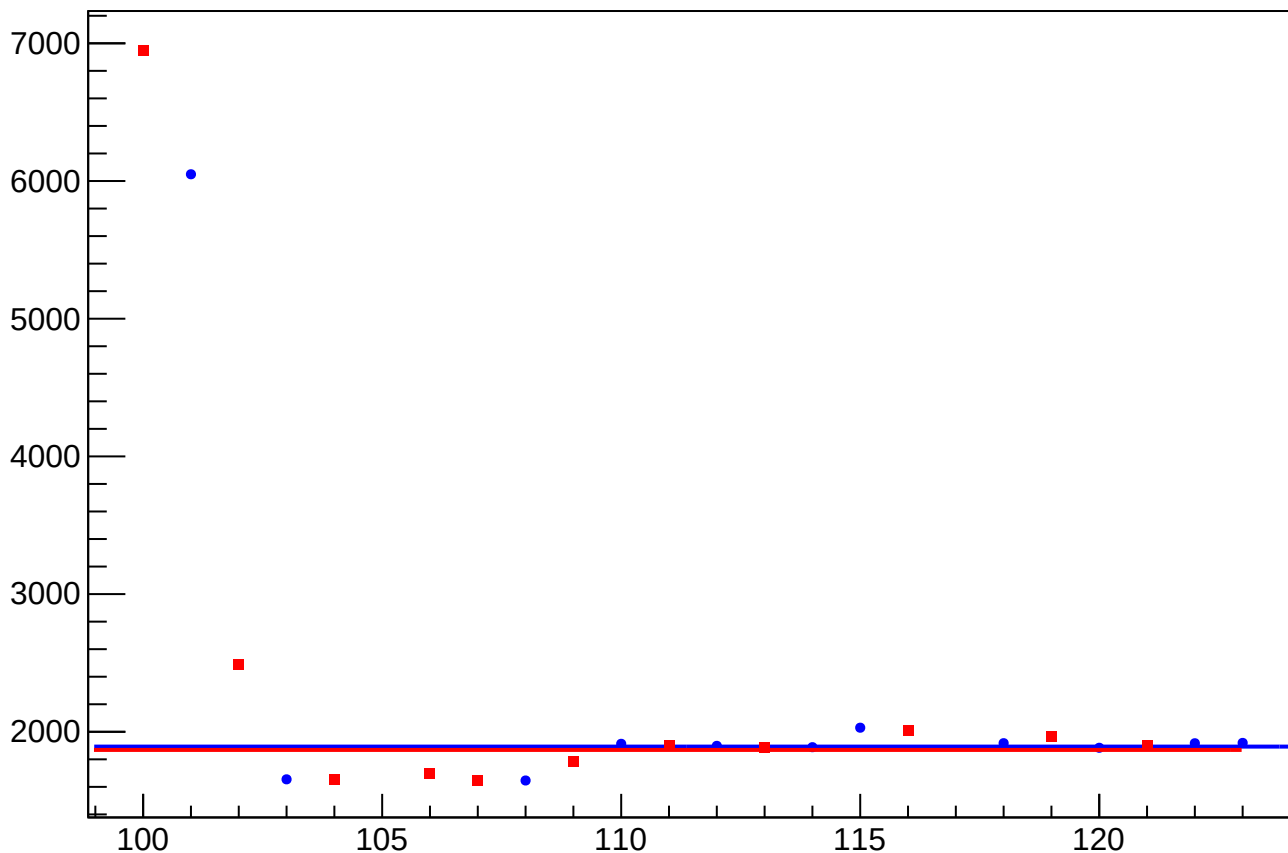
Right: 2687.687+/-659.906 χ^2/NDF : 13.1/21

In: 3209.621+/-969.634 χ^2/NDF : 5.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2687.687+/-659.906 χ^2/NDF : 13.1/21

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1892.486+/-0.686 χ^2/NDF : 663702.4/10

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

Right Out: 1868.286+/-0.635 χ^2/NDF : 175579.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

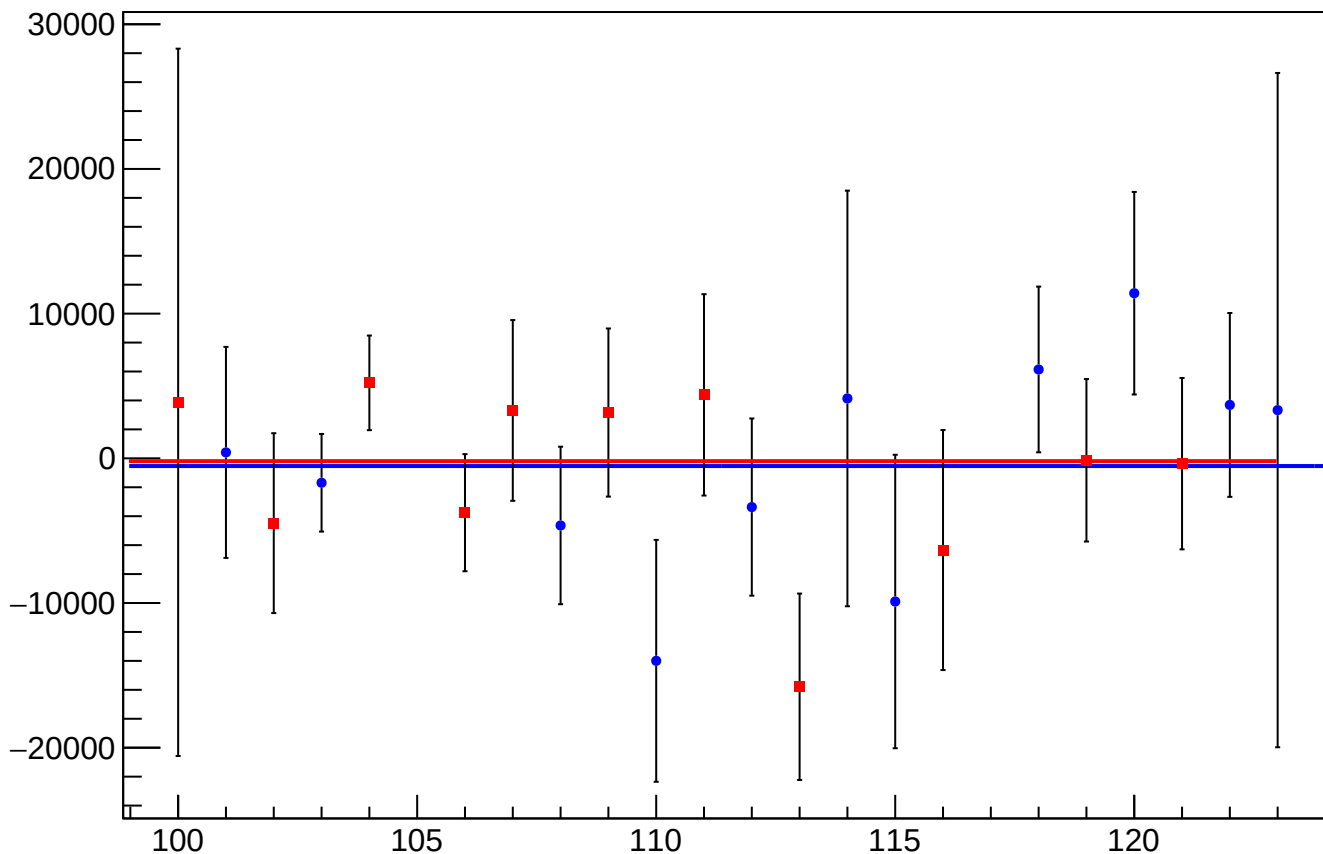
Right: 1879.464+/-0.466 χ^2/NDF : 839951.7/21

In: 1892.486+/-0.686 χ^2/NDF : 663702.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.464+/-0.466 χ^2/NDF : 839951.7/21

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -533.849+/-1912.121 χ^2/NDF : 9.2/10

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

Right Out: -195.020+/-1673.756 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

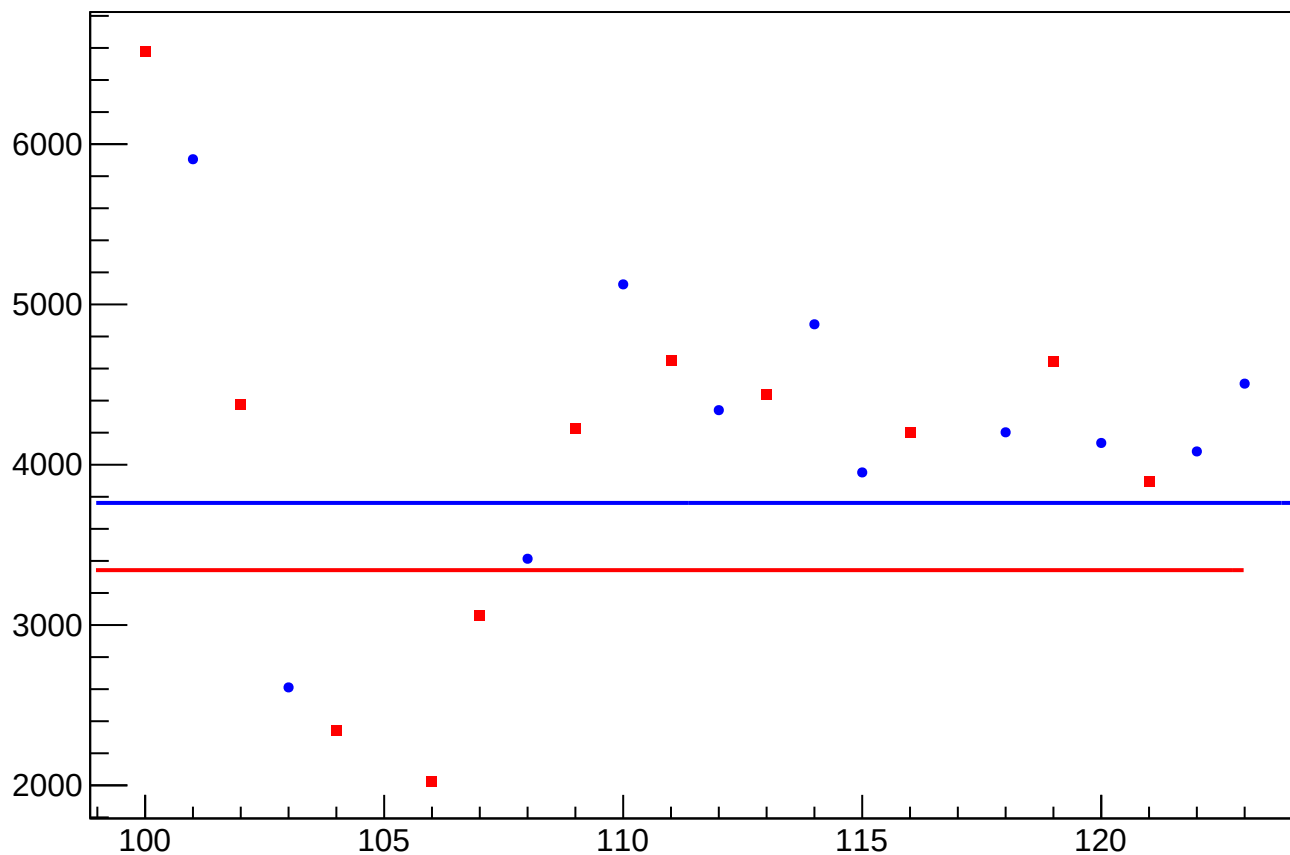
Right: -342.011+/-1259.418 χ^2/NDF : 20.7/21

In: -533.849+/-1912.121 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.011+/-1259.418 χ^2/NDF : 20.7/21

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3761.830+/-1.352 χ^2/NDF : 522363.5/10

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

Right Out: 3342.444+/-1.184 χ^2/NDF : 813882.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

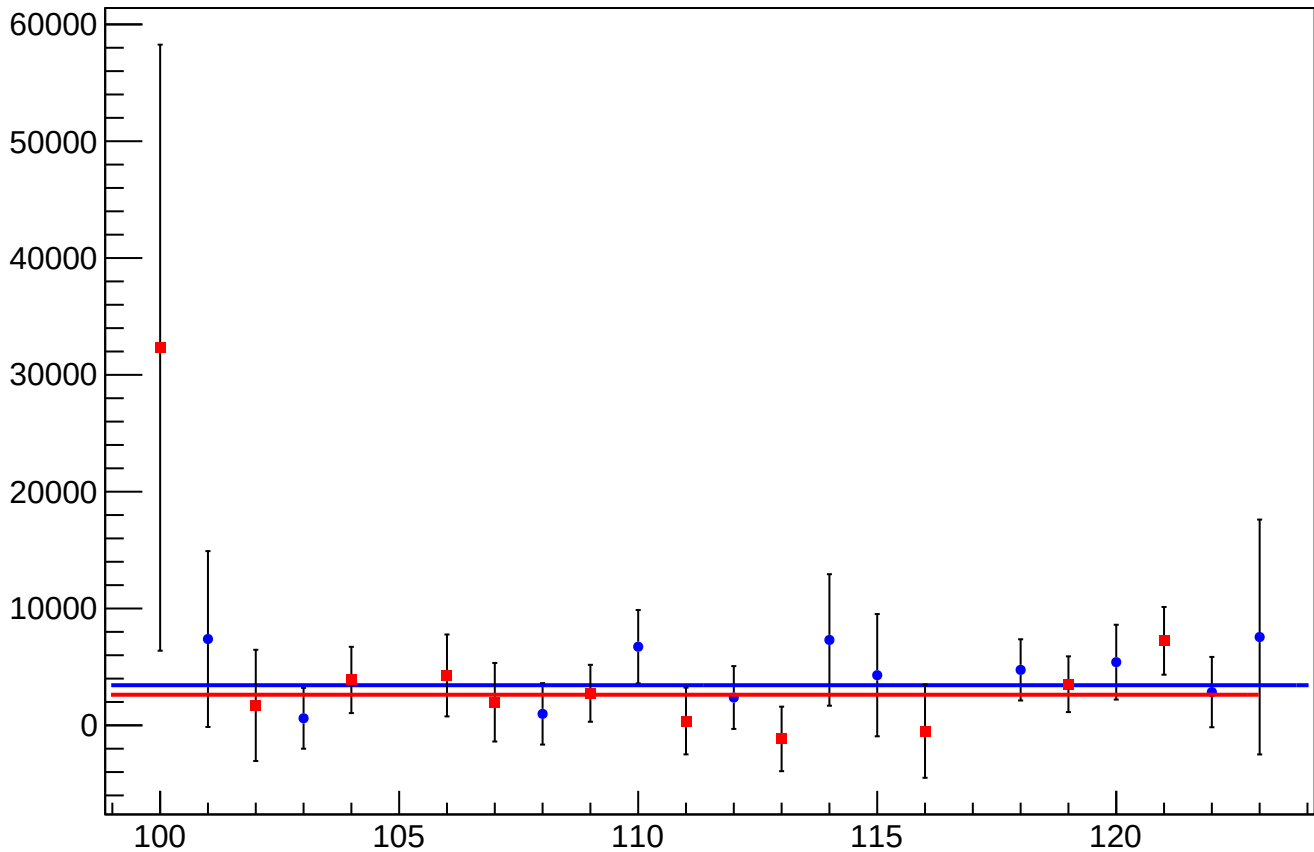
Right: 3524.382+/-0.891 χ^2/NDF : 1390719.4/21

In: 3761.830+/-1.352 χ^2/NDF : 522363.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3524.382+/-0.891 χ^2/NDF : 1390719.4/21

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3433.654+/-1009.710 χ^2/NDF : 4.9/10

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

Right Out: 2618.313+/-945.234 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

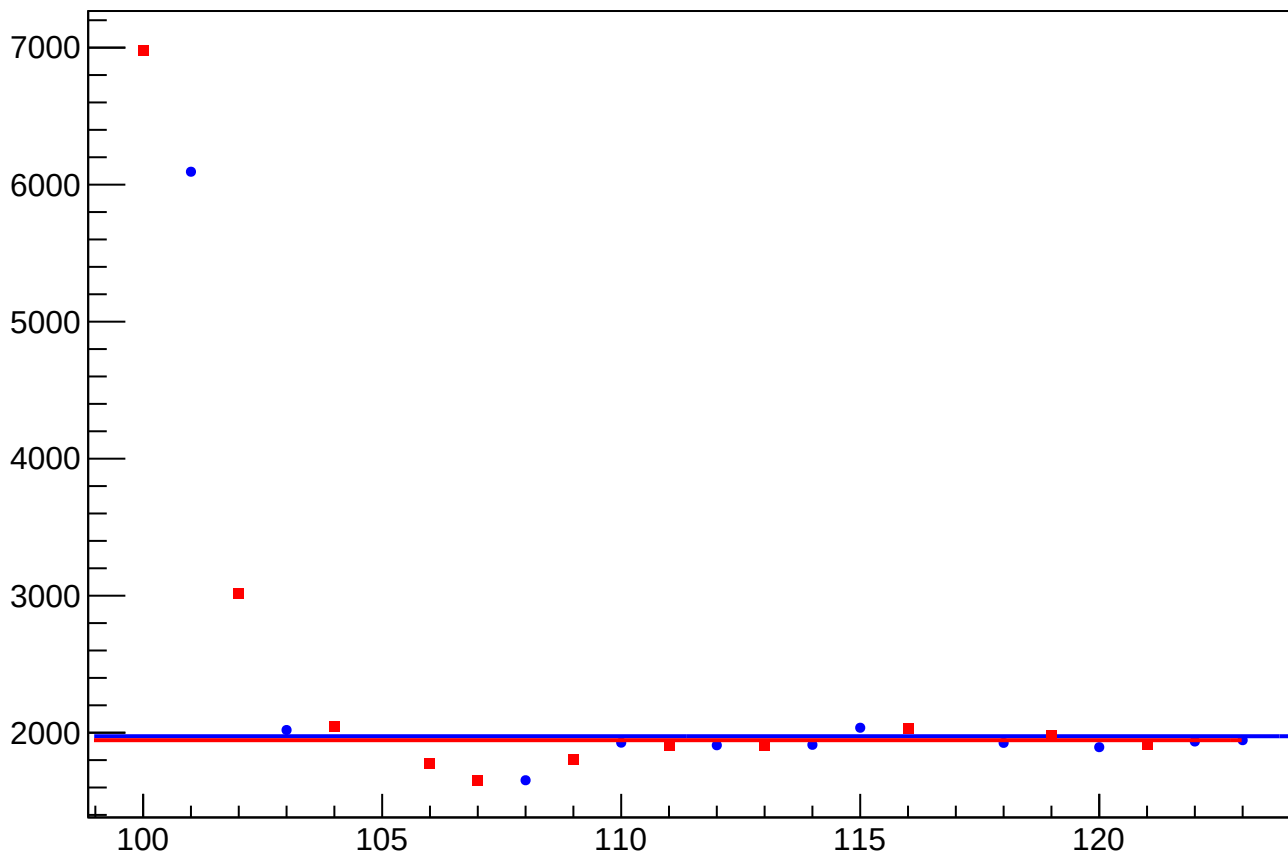
Right: 2999.122+/-690.050 χ^2/NDF : 12.9/21

In: 3433.654+/-1009.710 χ^2/NDF : 4.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2999.122+/-690.050 χ^2/NDF : 12.9/21

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1974.285+/-0.714 χ^2/NDF : 634041.1/10

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

Right Out: 1945.396+/-0.667 χ^2/NDF : 208609.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

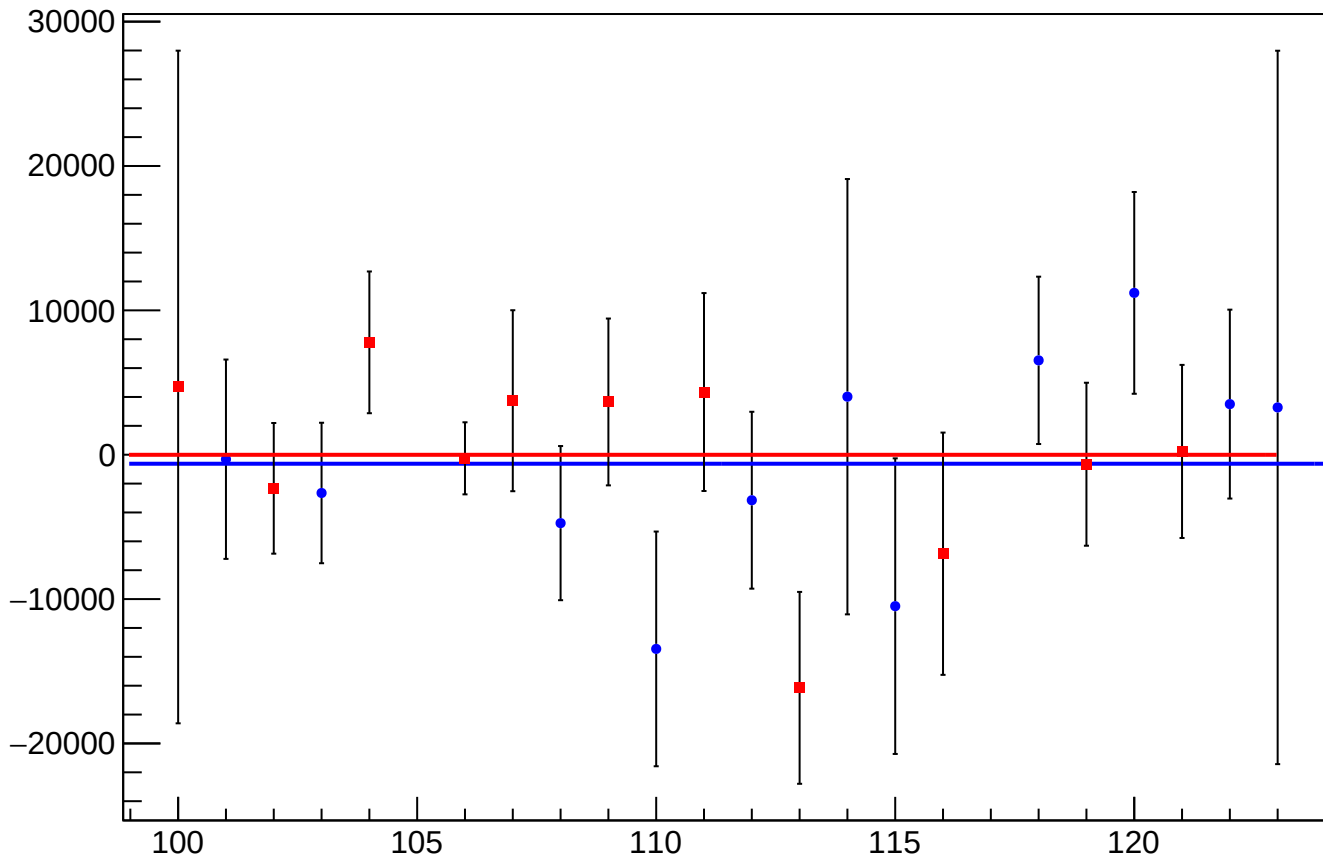
Right: 1958.868+/-0.488 χ^2/NDF : 843524.4/21

In: 1974.285+/-0.714 χ^2/NDF : 634041.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.868+/-0.488 χ^2/NDF : 843524.4/21

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -624.967 ± 2088.555 χ^2/NDF : 9.3/10

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

Right Out: -6.002 ± 1533.268 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

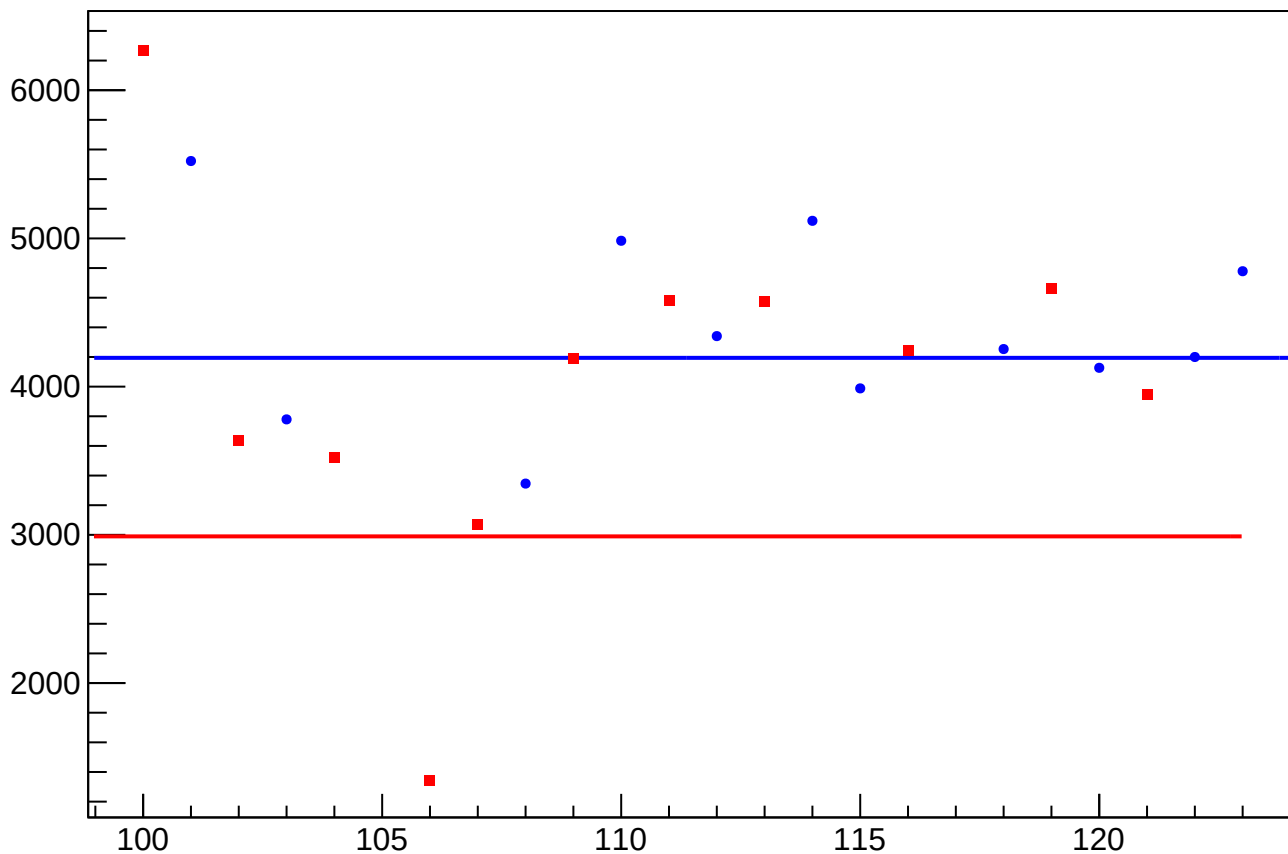
Right: -222.766 ± 1235.966 χ^2/NDF : 19.9/21

In: -624.967 ± 2088.555 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -222.766 ± 1235.966 χ^2/NDF : 19.9/21

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4194.243+/-1.477 χ^2/NDF : 168917.9/10

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

Right Out: 2989.651+/-1.084 χ^2/NDF : 1554131.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

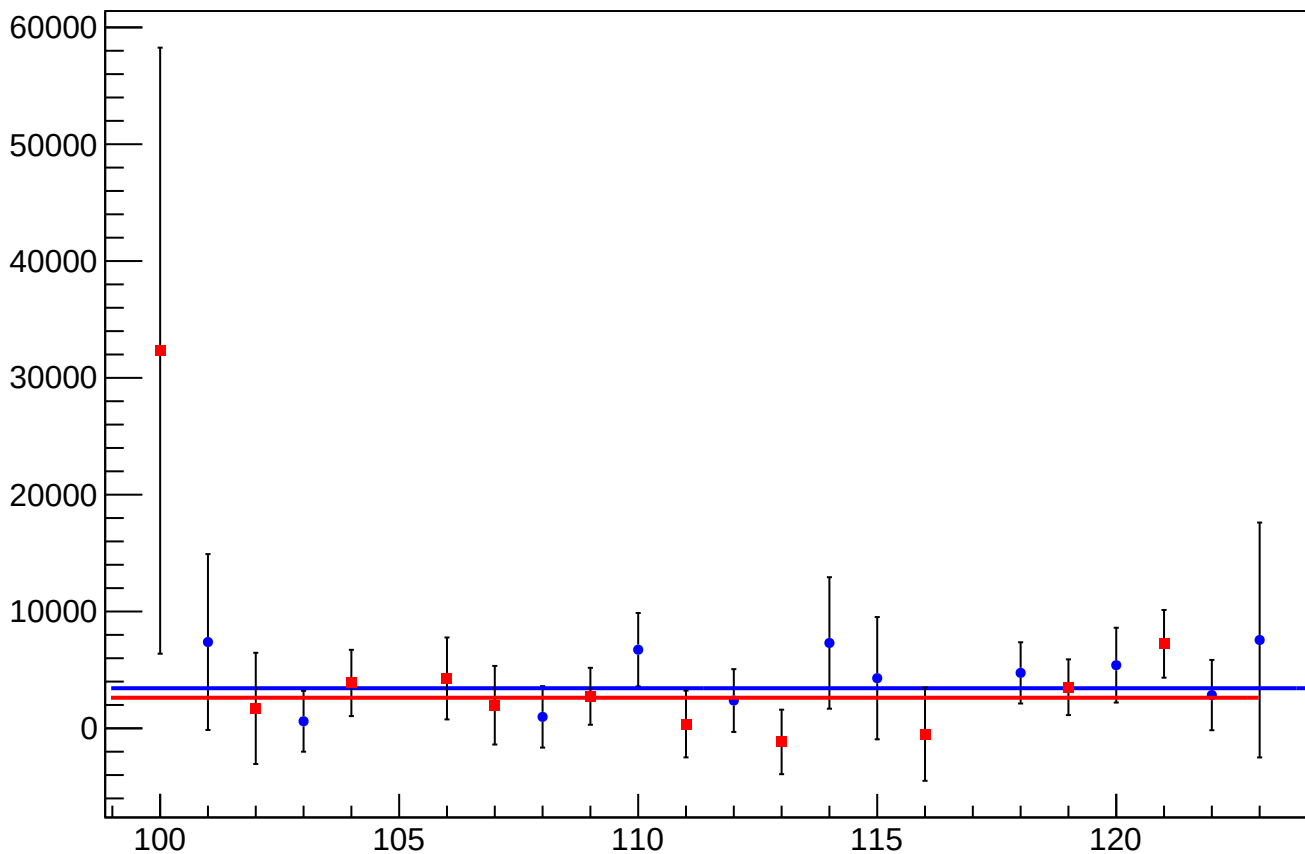
Right: 3411.504+/-0.874 χ^2/NDF : 2155358.7/21

In: 4194.243+/-1.477 χ^2/NDF : 168917.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3411.504+/-0.874 χ^2/NDF : 2155358.7/21

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3433.650+/-1009.710 χ^2/NDF : 4.9/10

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

Right Out: 2618.318+/-945.234 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

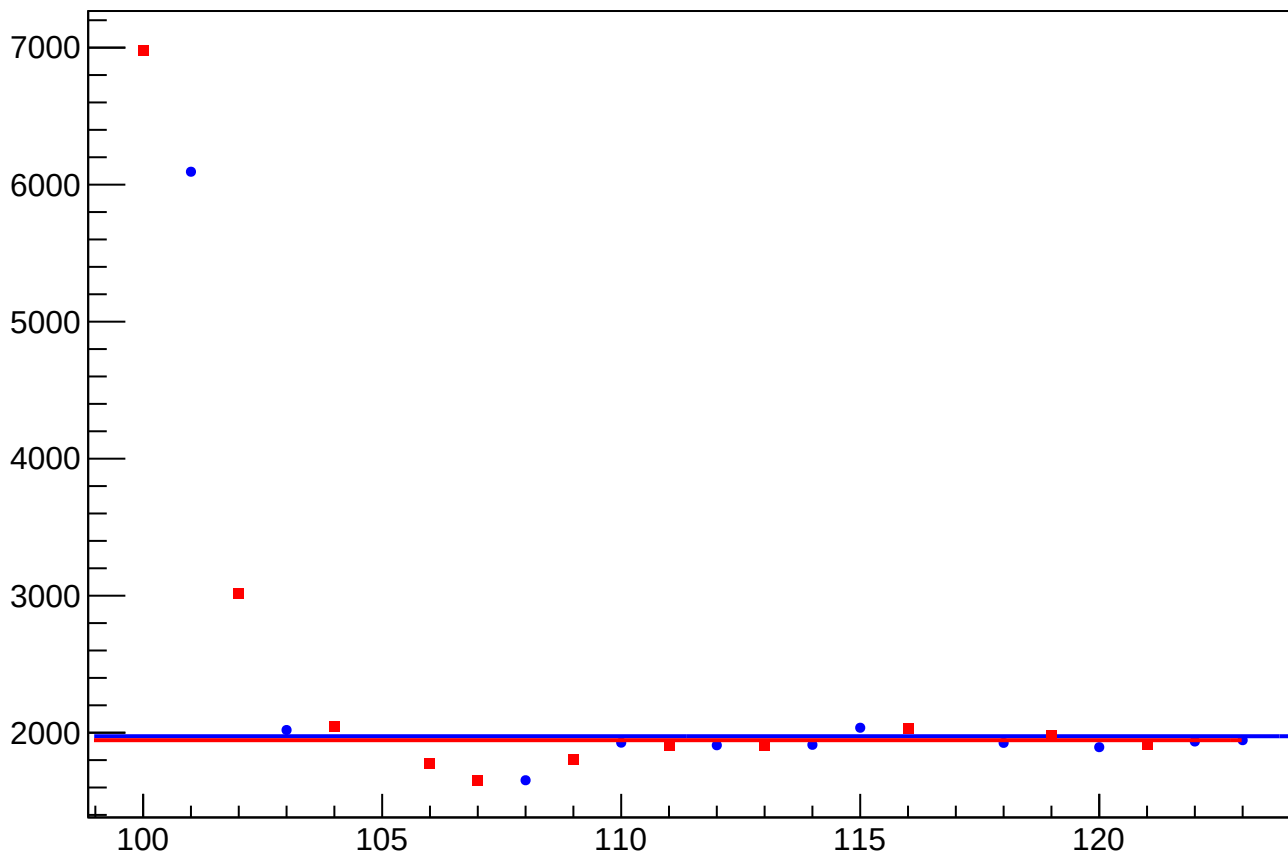
Right: 2999.123+/-690.050 χ^2/NDF : 12.9/21

In: 3433.650+/-1009.710 χ^2/NDF : 4.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2999.123+/-690.050 χ^2/NDF : 12.9/21

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1974.284+/-0.714 χ^2/NDF : 634041.1/10

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

Right Out: 1945.395+/-0.667 χ^2/NDF : 208609.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

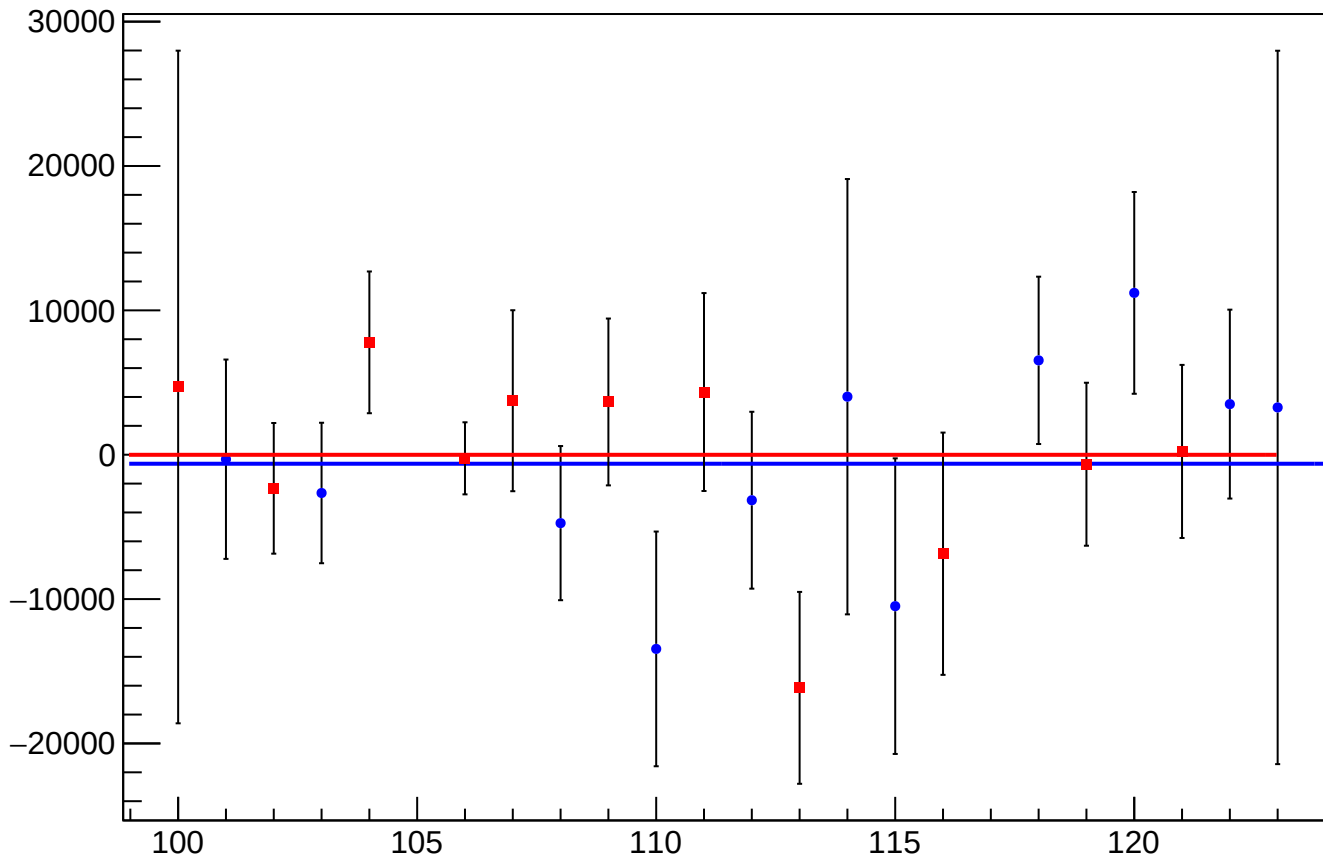
Right: 1958.867+/-0.488 χ^2/NDF : 843524.1/21

In: 1974.284+/-0.714 χ^2/NDF : 634041.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.867+/-0.488 χ^2/NDF : 843524.1/21

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -624.956 ± 2088.551 χ^2/NDF : 9.3/10

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

Right Out: -6.005 ± 1533.264 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

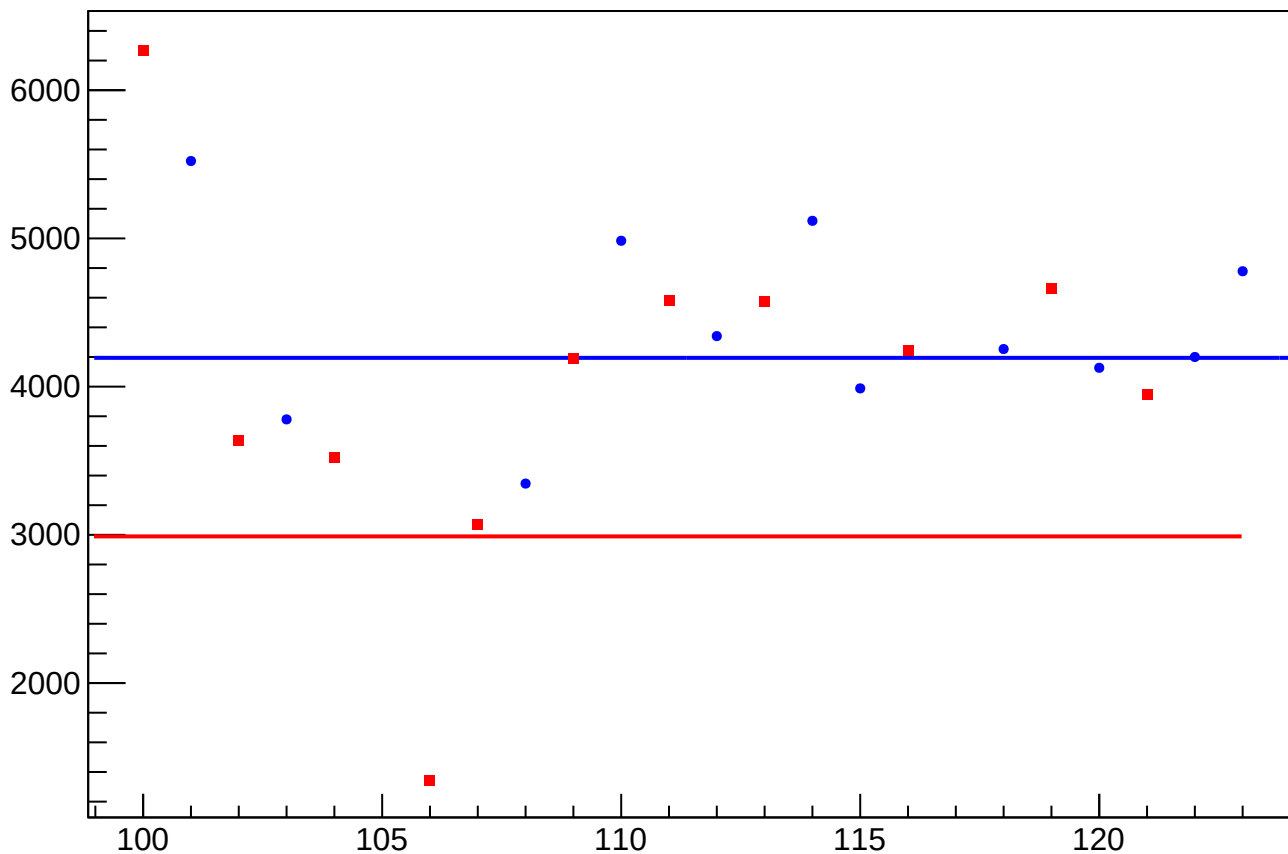
Right: -222.764 ± 1235.963 χ^2/NDF : 19.9/21

In: -624.956 ± 2088.551 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -222.764 ± 1235.963 χ^2/NDF : 19.9/21

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4194.235+/-1.477 χ^2/NDF : 168916.0/10

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

Right Out: 2989.643+/-1.084 χ^2/NDF : 1554133.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

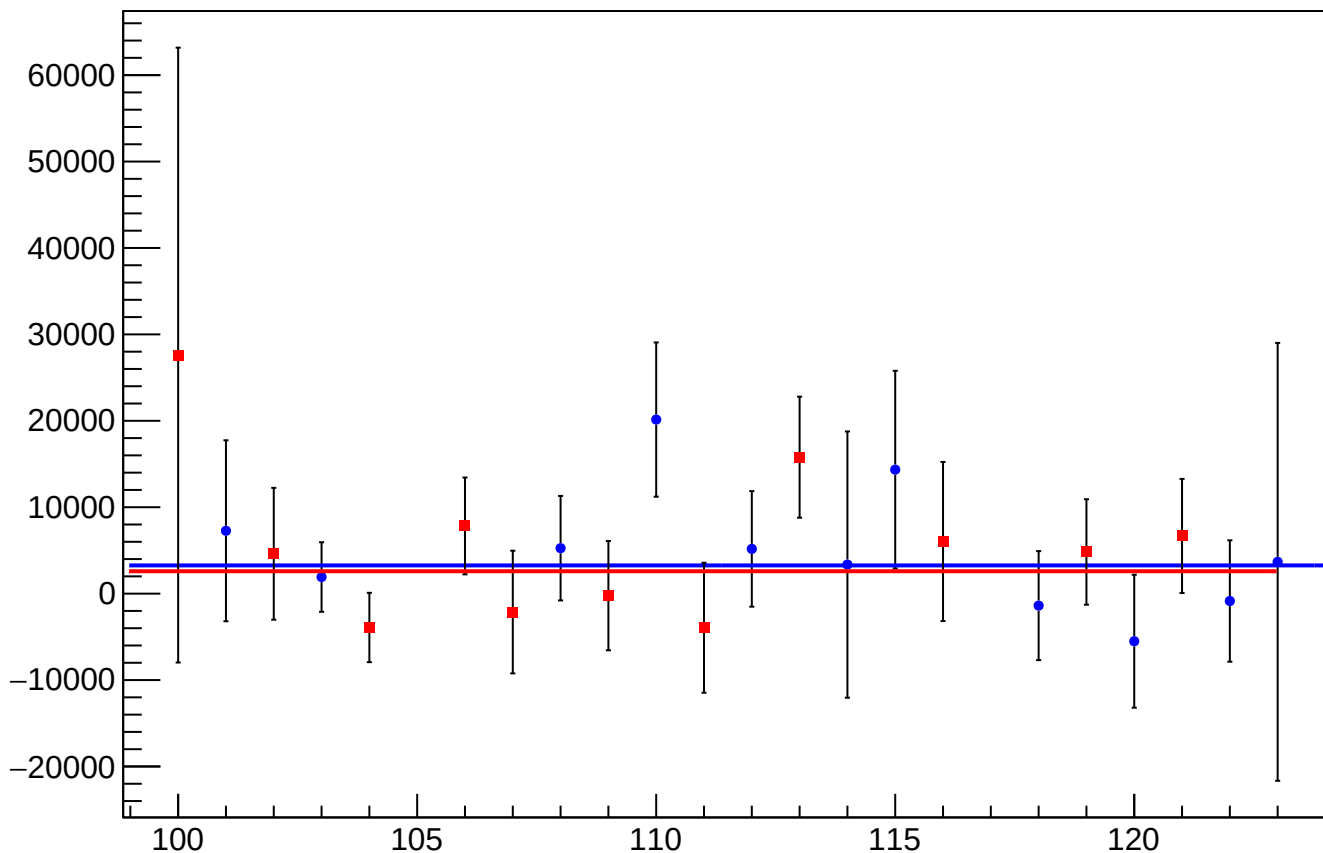
Right: 3411.496+/-0.874 χ^2/NDF : 2155361.1/21

In: 4194.235+/-1.477 χ^2/NDF : 168916.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3411.496+/-0.874 χ^2/NDF : 2155361.1/21

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3266.697+/-2188.438 χ^2/NDF : 7.1/10

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

Right Out: 2592.173+/-1974.738 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

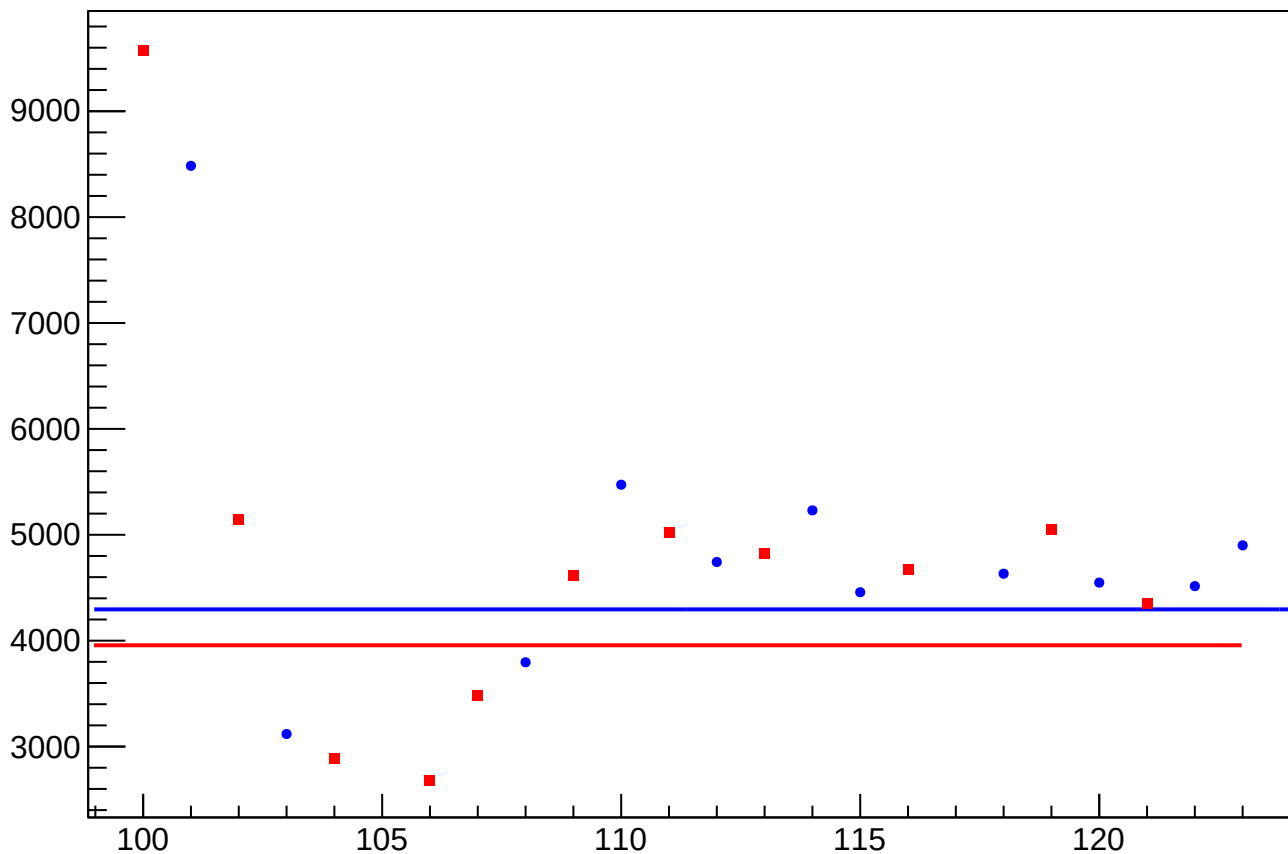
Right: 2894.902+/-1466.096 χ^2/NDF : 16.9/21

In: 3266.697+/-2188.438 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2894.902+/-1466.096 χ^2/NDF : 16.9/21

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4295.583+/-1.547 χ^2/NDF : 567281.8/10

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

Right Out: 3956.467+/-1.380 χ^2/NDF : 550505.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

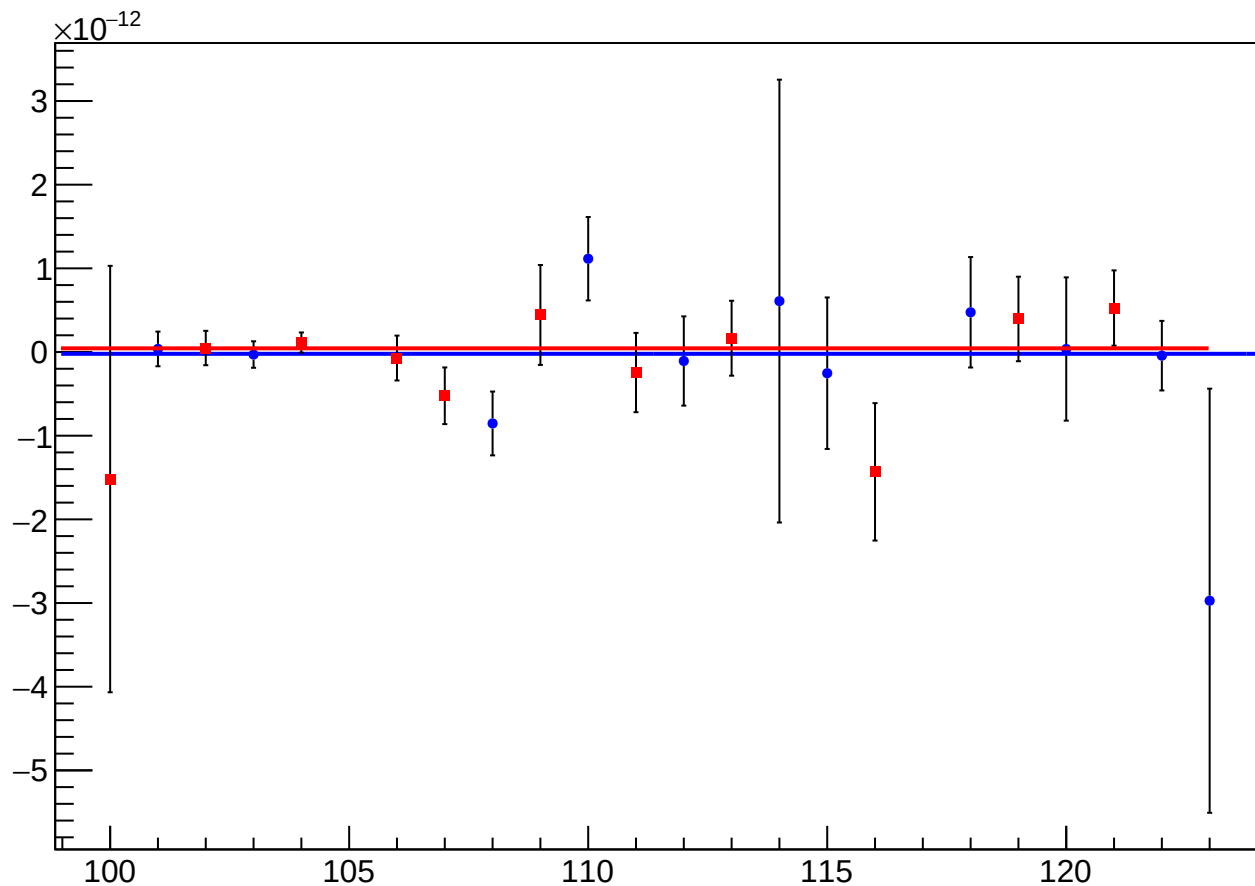
Right: 4106.639+/-1.030 χ^2/NDF : 1144545.1/21

In: 4295.583+/-1.547 χ^2/NDF :567281.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4106.639+/-1.030 χ^2/NDF : 1144545.1/21

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.1/10

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

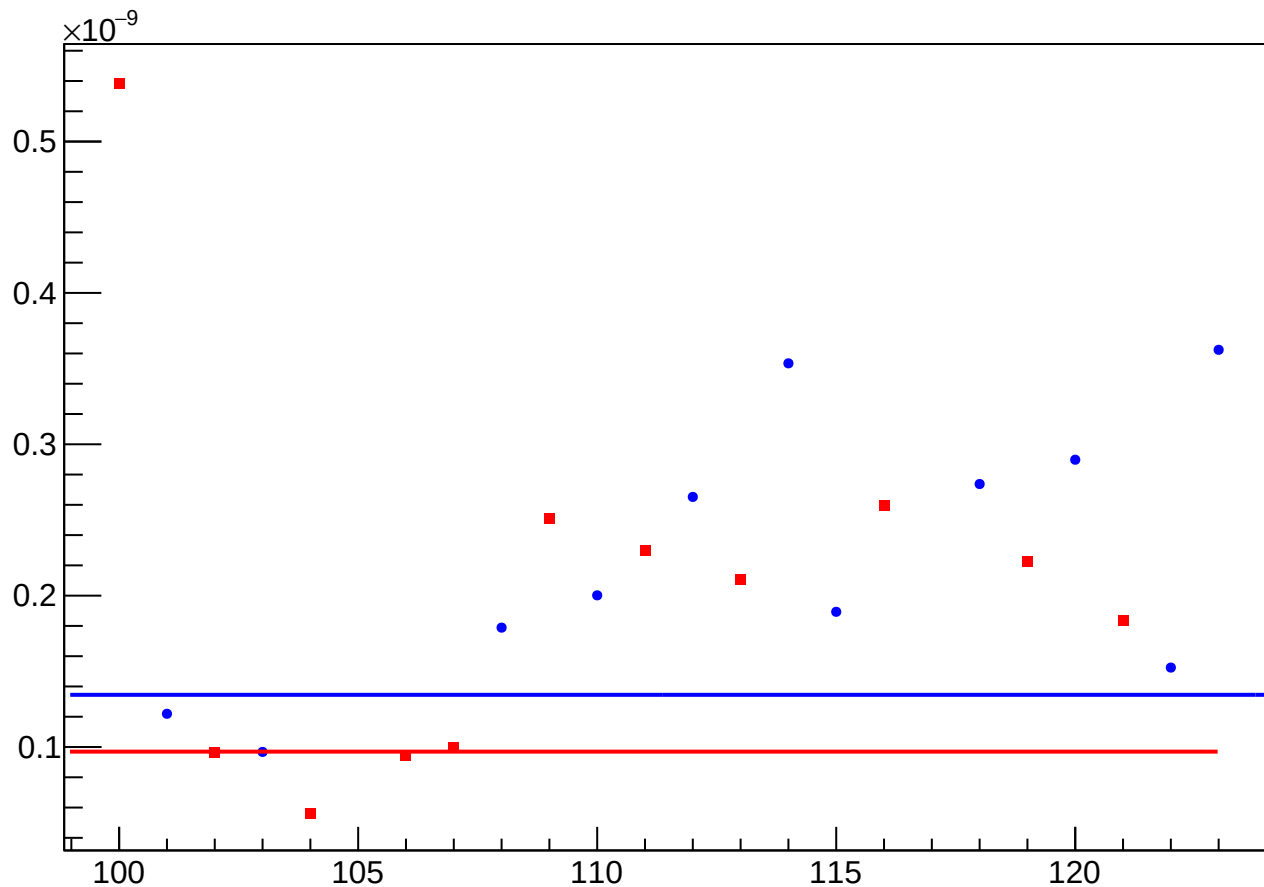
Right: 0.000+/-0.000 χ^2/NDF : 21.8/21

In: -0.000+/-0.000 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.8/21

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 498718.4/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 986094.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

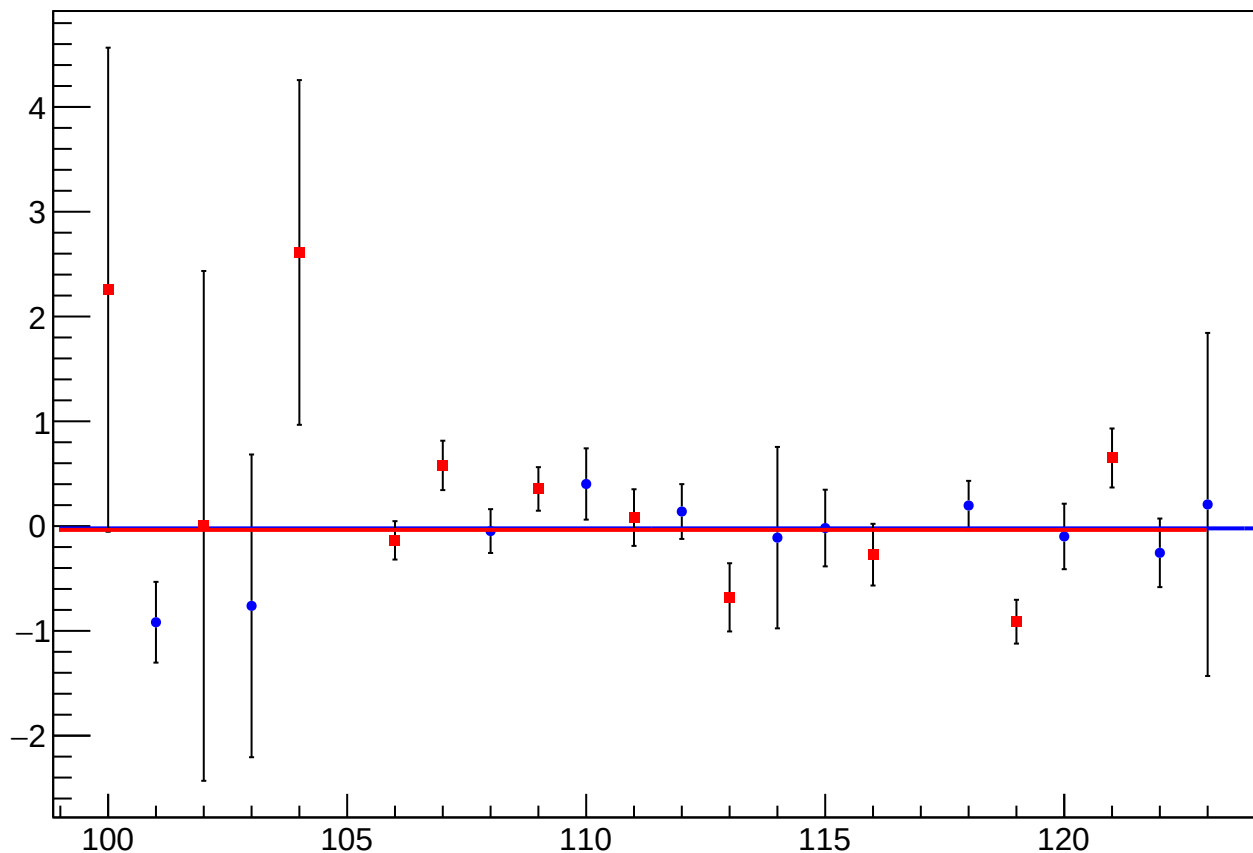
Right: 0.000+/-0.000 χ^2/NDF : 1636595.5/21

In: 0.000+/-0.000 χ^2/NDF : 498718.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1636595.5/21

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.100 χ^2/NDF : 9.1/10

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

Right Out: -0.036+/-0.084 χ^2/NDF : 42.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

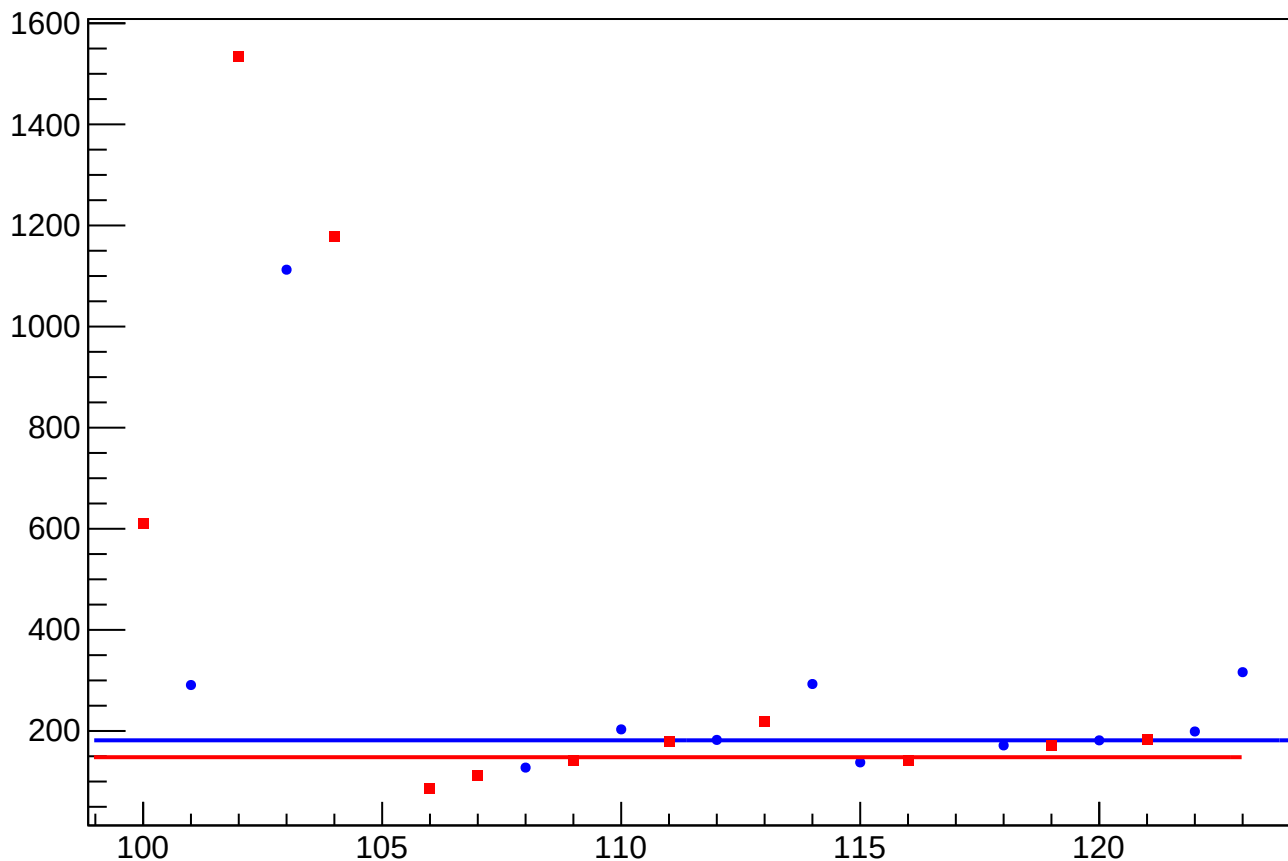
Right: -0.030+/-0.064 χ^2/NDF : 51.6/21

In: -0.022+/-0.100 χ^2/NDF :9.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.064 χ^2/NDF : 51.6/21

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 181.538+/-0.071 χ^2/NDF : 1217626.6/10

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

Right Out: 148.143+/-0.059 χ^2/NDF : 1968169.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

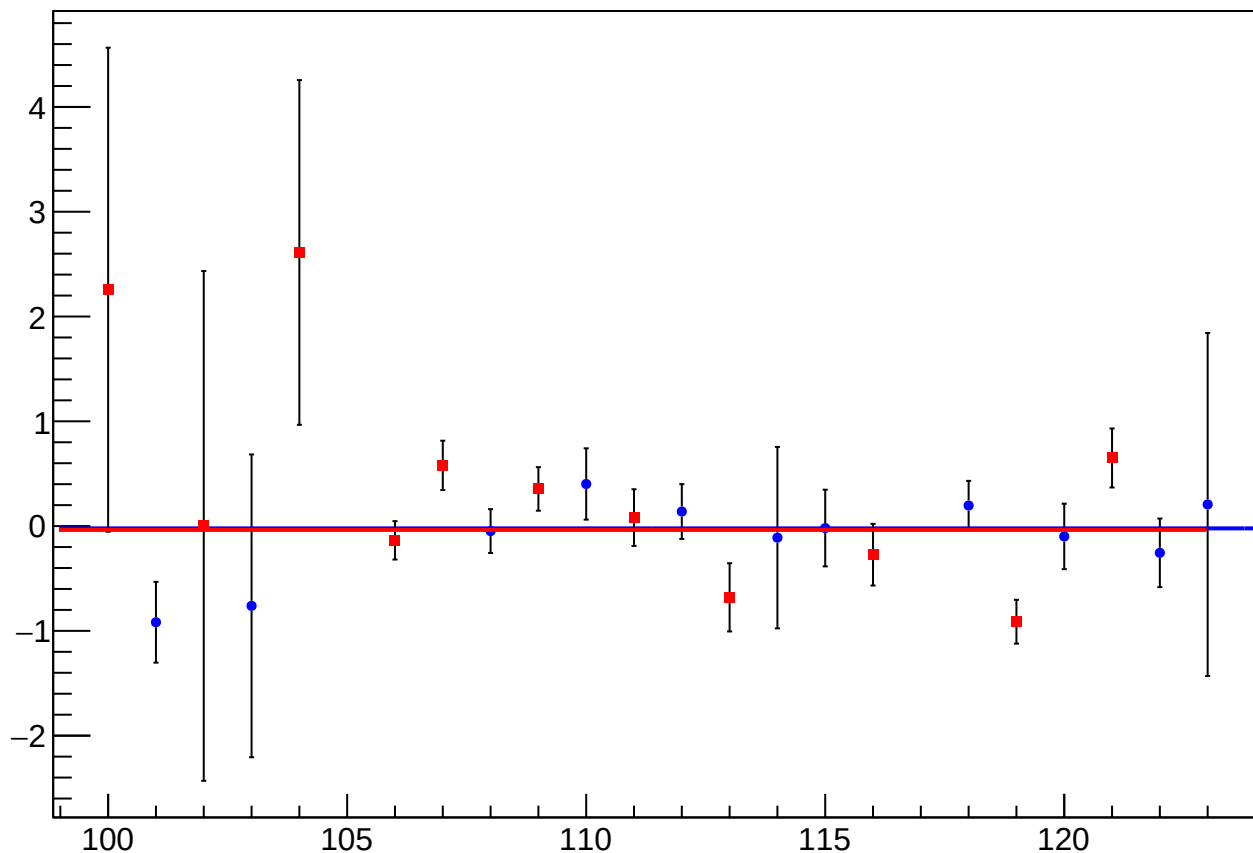
Right: 161.966+/-0.045 χ^2/NDF : 3316757.4/21

In: 181.538+/-0.071 χ^2/NDF : 1217626.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.966+/-0.045 χ^2/NDF : 3316757.4/21

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.100 χ^2/NDF : 9.1/10

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

Right Out: -0.036+/-0.084 χ^2/NDF : 42.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

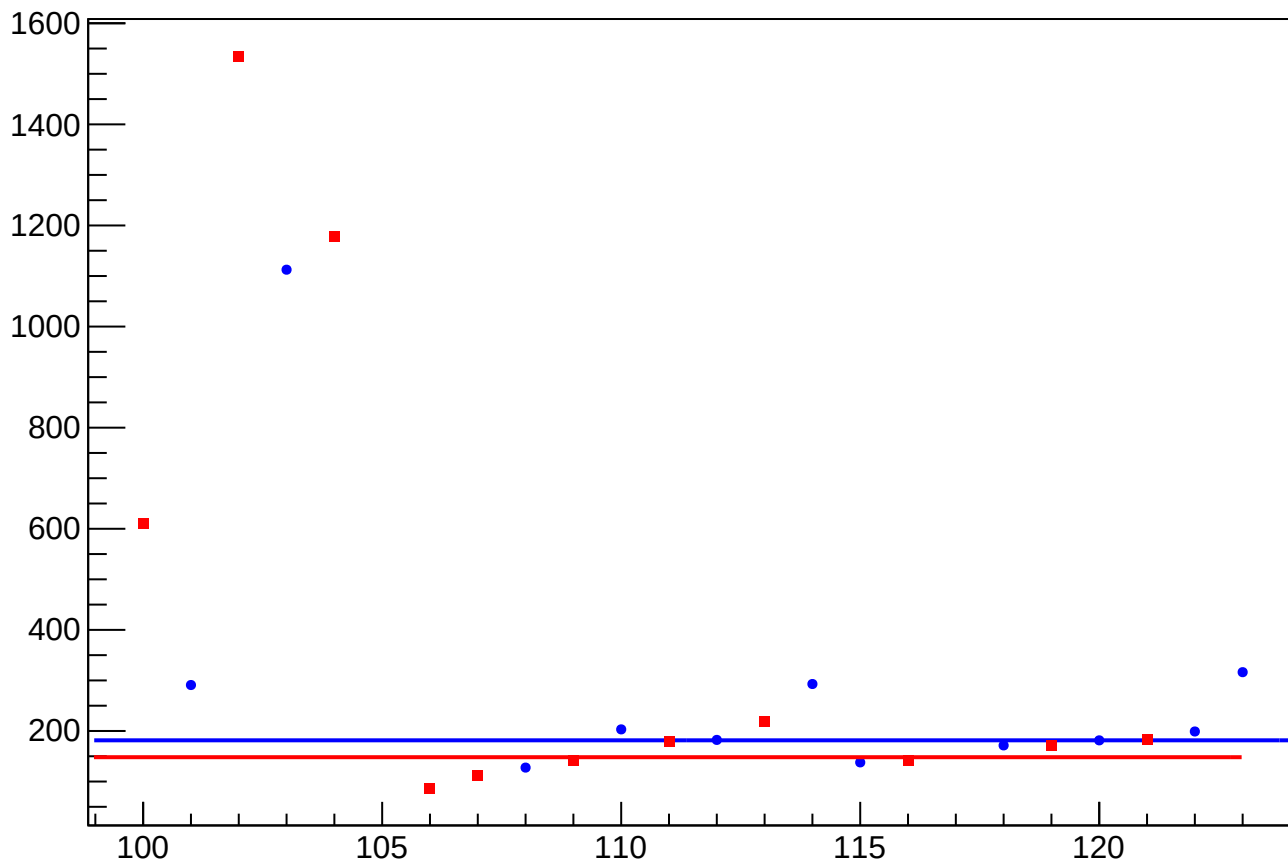
Right: -0.030+/-0.064 χ^2/NDF : 51.6/21

In: -0.022+/-0.100 χ^2/NDF :9.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.064 χ^2/NDF : 51.6/21

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 181.538+/-0.071 χ^2/NDF : 1217626.6/10

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

Right Out: 148.143+/-0.059 χ^2/NDF : 1968169.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

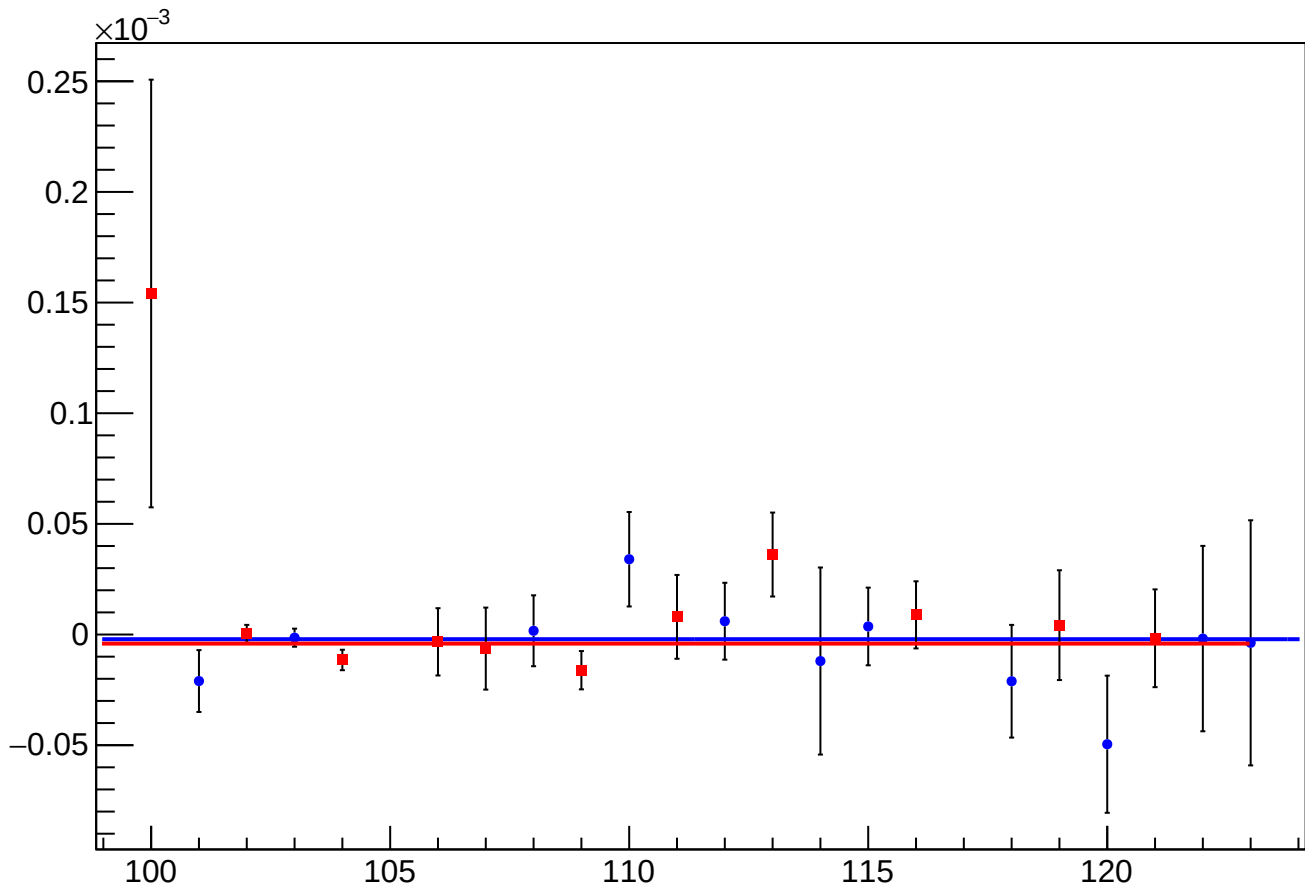
Right: 161.966+/-0.045 χ^2/NDF : 3316757.4/21

In: 181.538+/-0.071 χ^2/NDF : 1217626.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.966+/-0.045 χ^2/NDF : 3316757.4/21

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.1/10

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

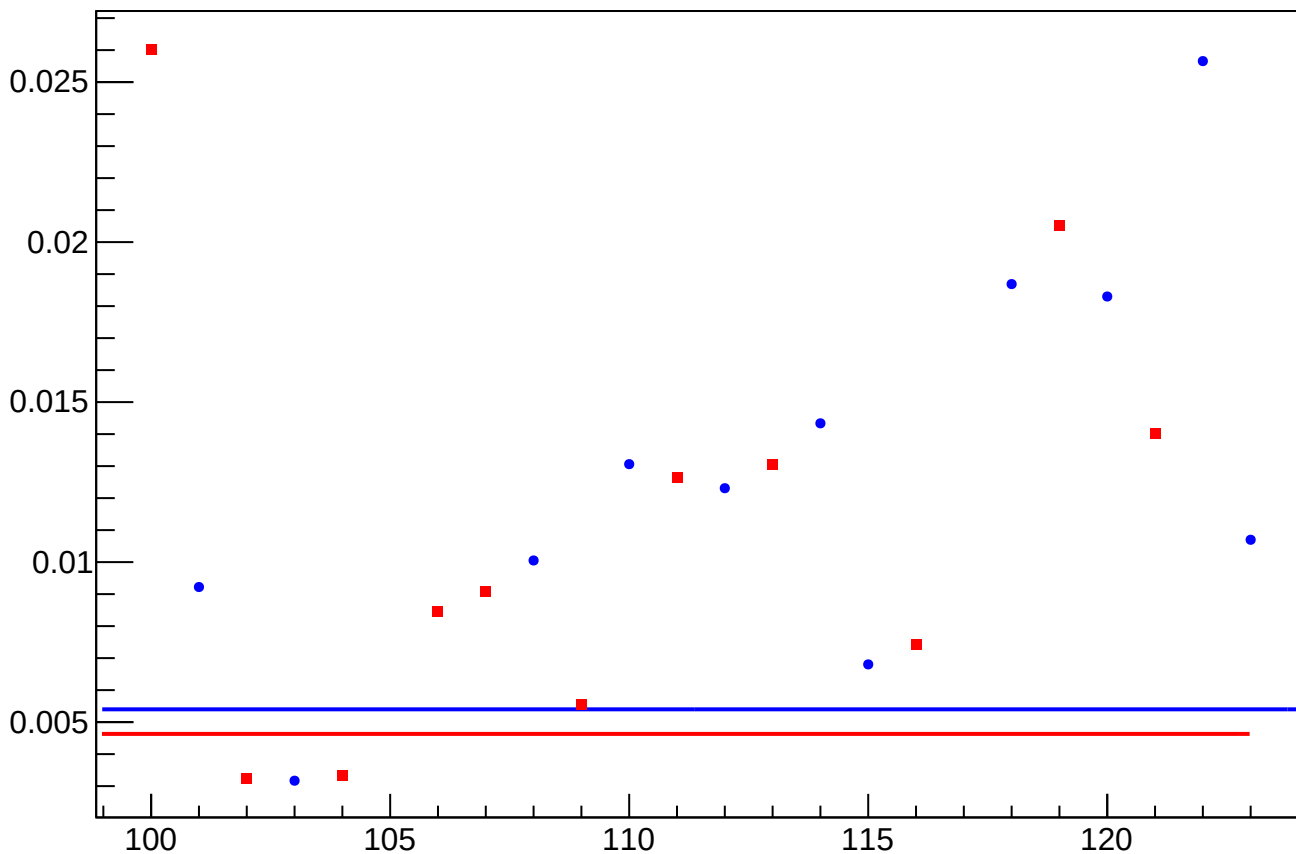
Right: -0.000+/-0.000 χ^2/NDF : 22.4/21

In: -0.000+/-0.000 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/21

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 2970474.4/10

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 2760818.1/10

Left 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 : 5792658.3/21

In: 0.005+/-0.000

χ^2/NDF : 2970474.4/10

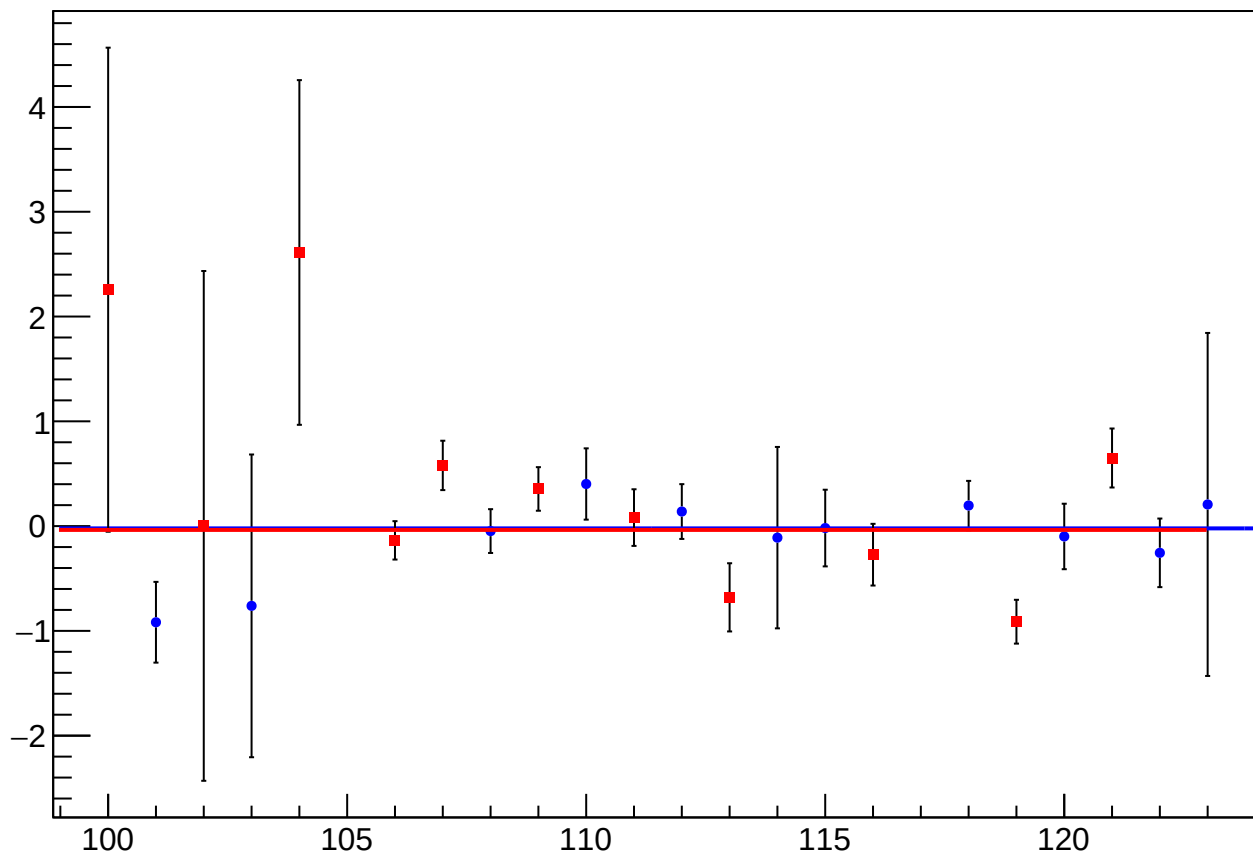
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.005+/-0.000

χ^2/NDF : 5792658.3/21

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.100 χ^2/NDF : 9.1/10

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

Right Out: -0.036+/-0.084 χ^2/NDF : 42.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

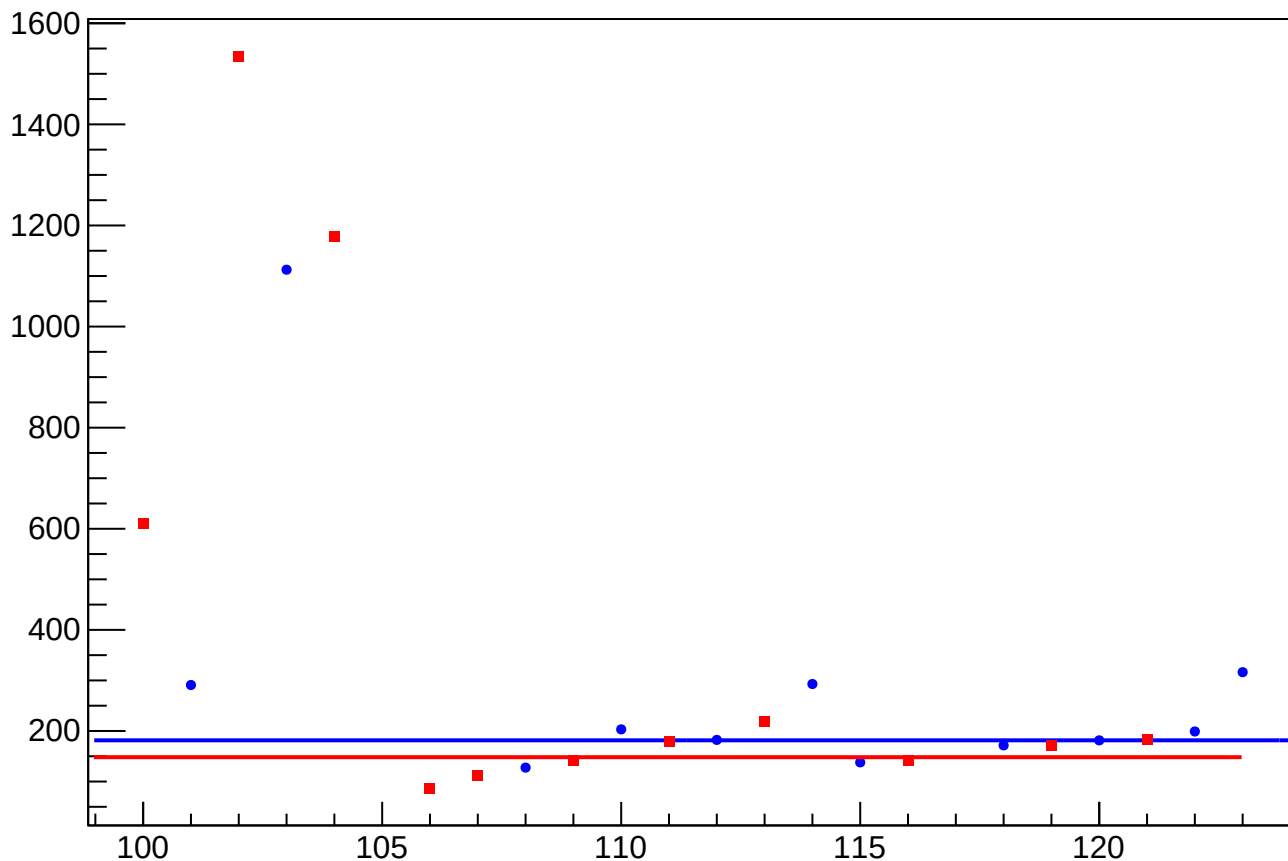
Right: -0.030+/-0.064 χ^2/NDF : 51.6/21

In: -0.022+/-0.100 χ^2/NDF :9.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.064 χ^2/NDF : 51.6/21

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 181.538+/-0.071 χ^2/NDF : 1217634.4/10

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

Right Out: 148.144+/-0.059 χ^2/NDF : 1968163.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

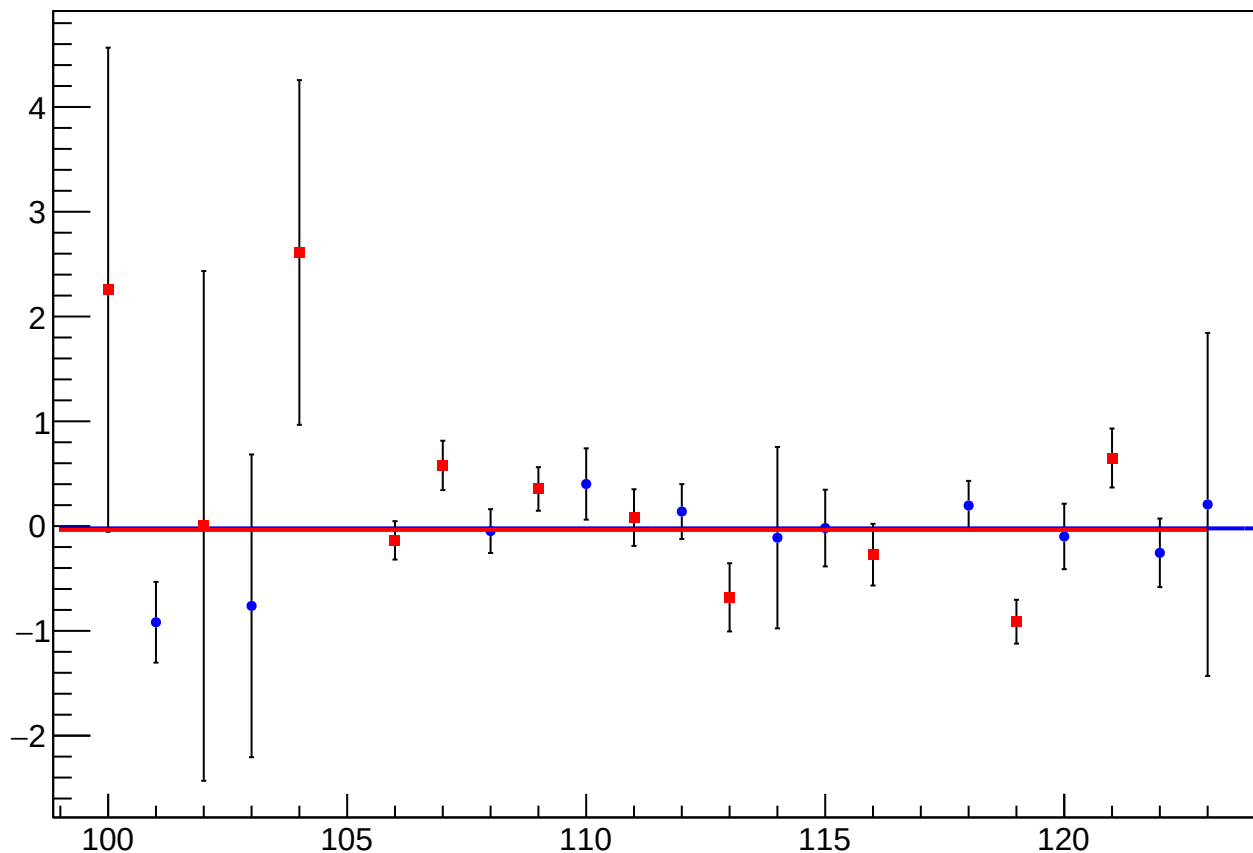
Right: 161.966+/-0.045 χ^2/NDF : 3316753.4/21

In: 181.538+/-0.071 χ^2/NDF : 1217634.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.966+/-0.045 χ^2/NDF : 3316753.4/21

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.100 χ^2 /NDF: 9.1/10

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

Right Out: -0.036 $\pm$ 0.084 χ^2 /NDF: 42.5/10

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

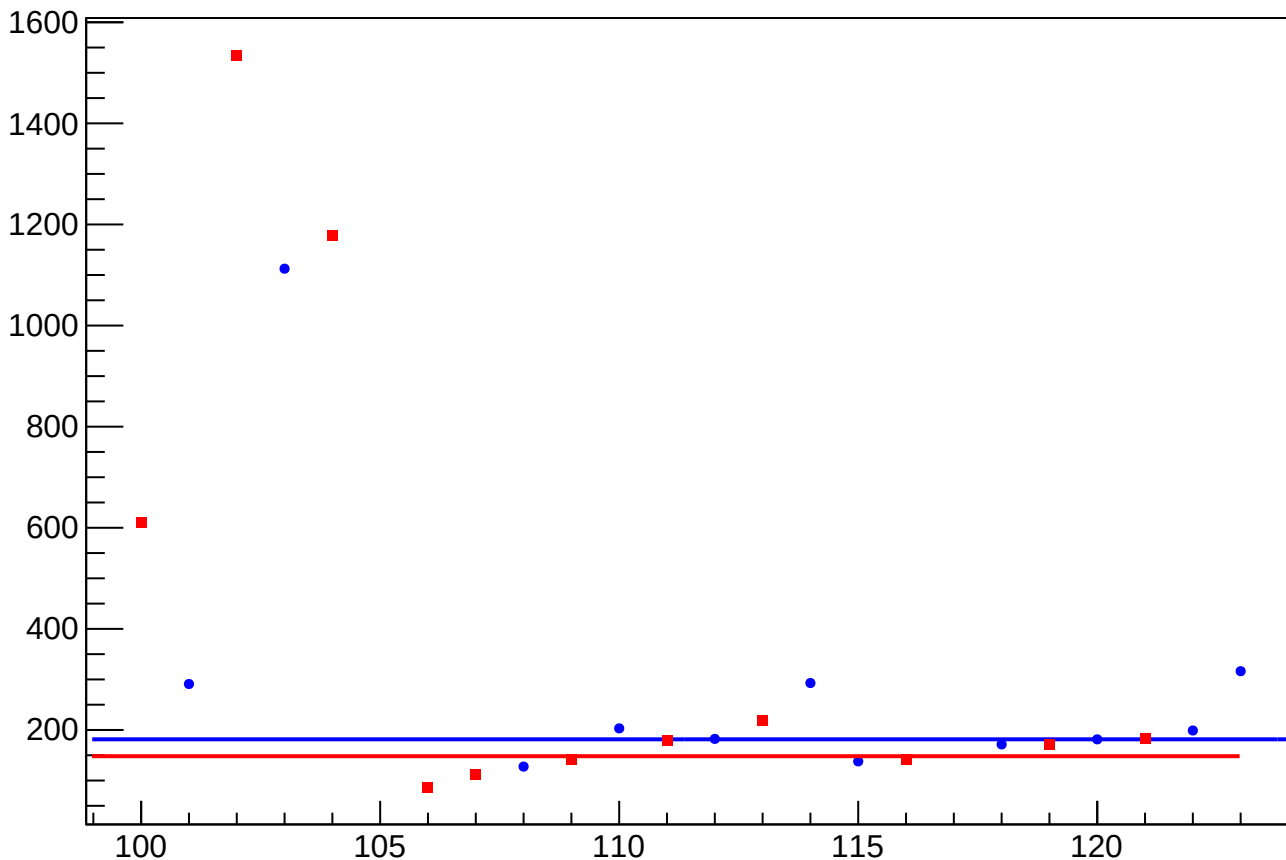
Right: -0.030 $\pm$ 0.064 χ^2 /NDF: 51.6/21

In: -0.022 $\pm$ 0.100 χ^2 /NDF:9.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.030 $\pm$ 0.064 χ^2 /NDF: 51.6/21

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 181.538+/-0.071 χ^2/NDF : 1217634.4/10

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

Right Out: 148.144+/-0.059 χ^2/NDF : 1968163.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

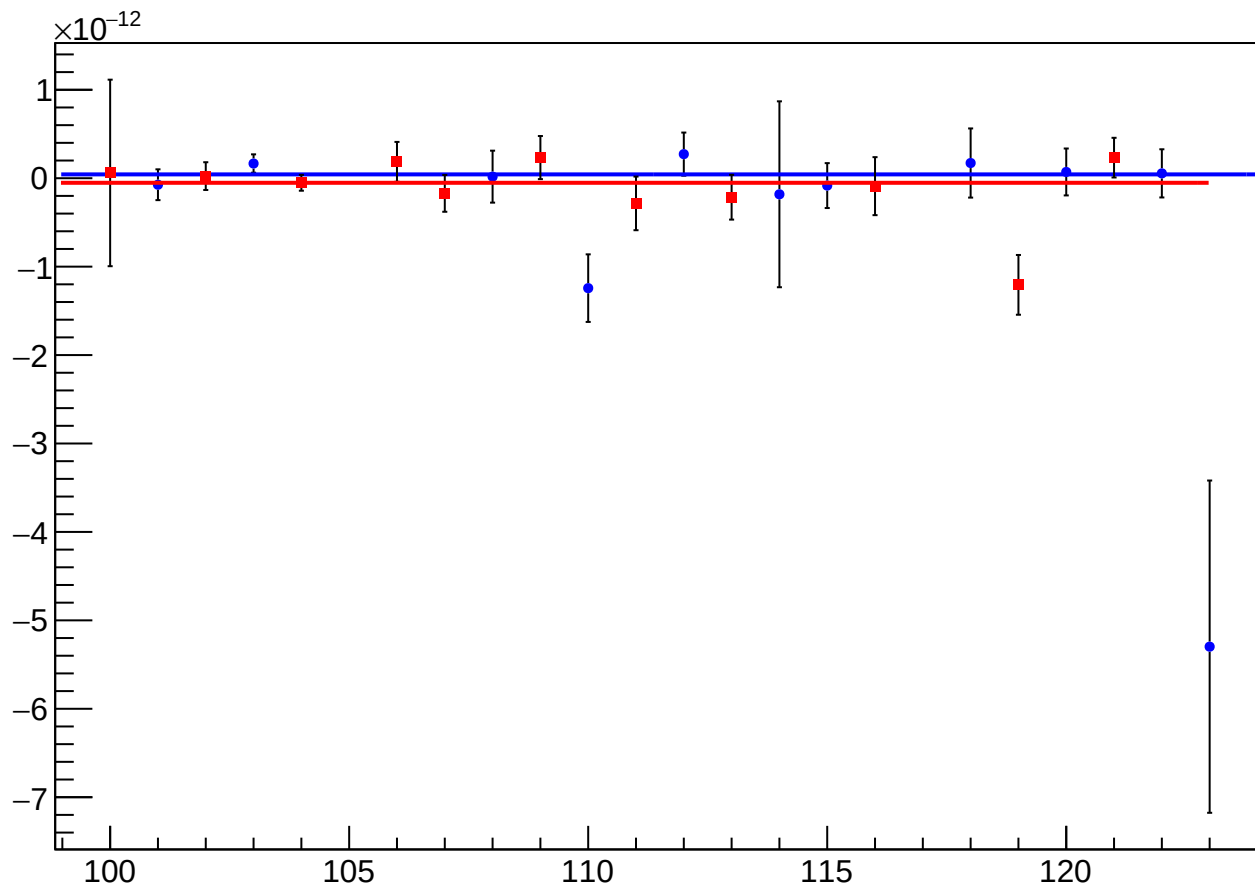
Right: 161.966+/-0.045 χ^2/NDF : 3316753.4/21

In: 181.538+/-0.071 χ^2/NDF : 1217634.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.966+/-0.045 χ^2/NDF : 3316753.4/21

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.6/10

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

Right Out: -0.000+/-0.000 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

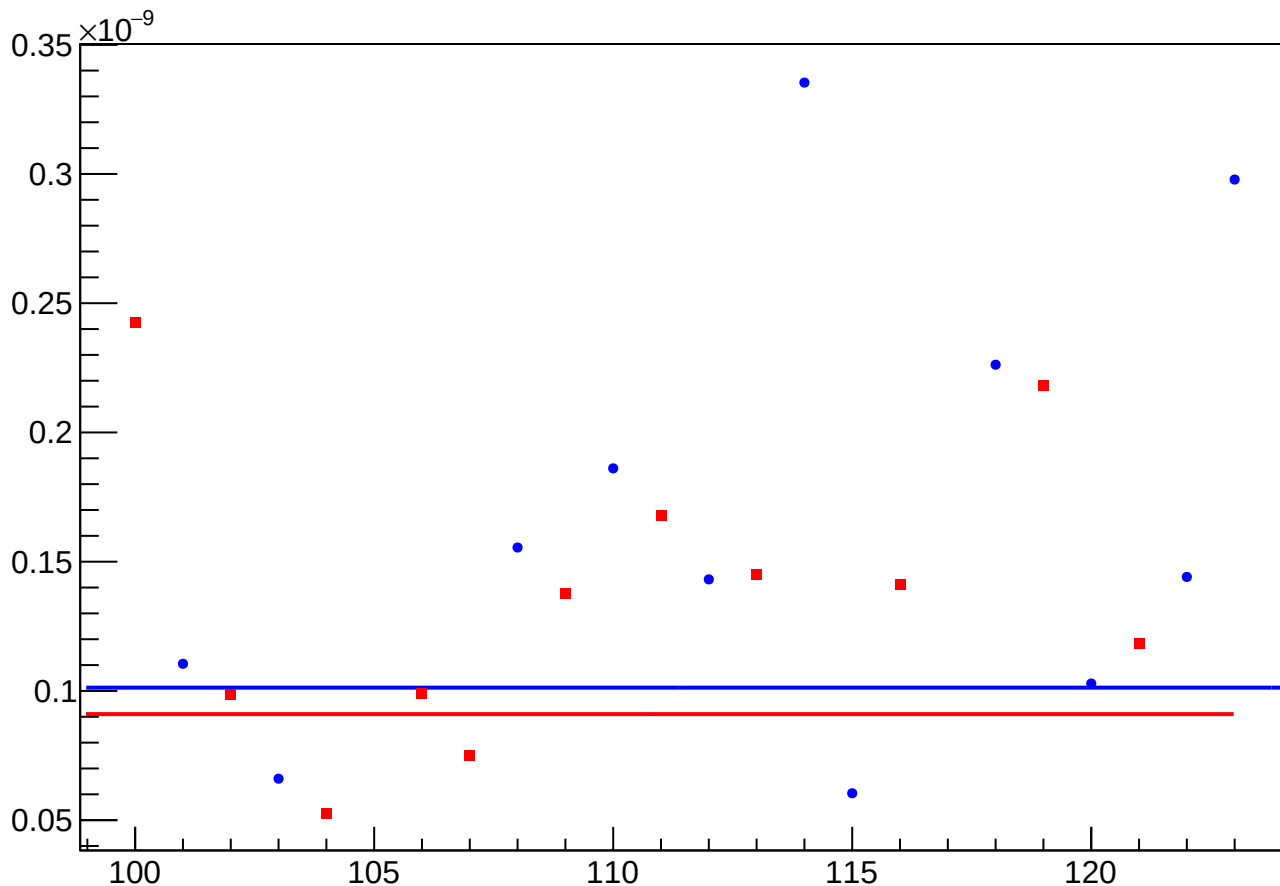
Right: -0.000+/-0.000 χ^2/NDF : 41.0/21

In: 0.000+/-0.000 χ^2/NDF : 22.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.0/21

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 888067.1/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1082068.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

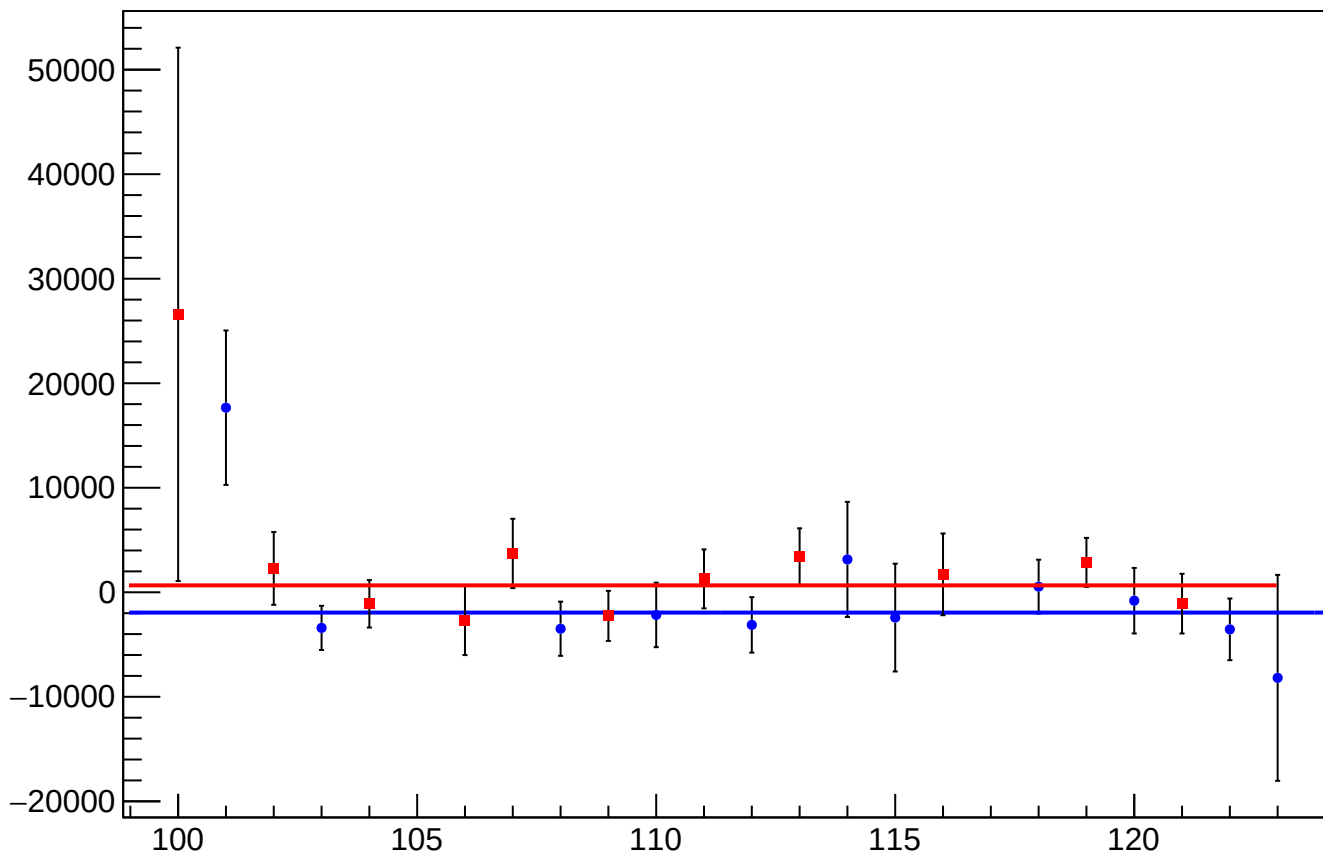
Right: 0.000+/-0.000 χ^2/NDF : 1995804.5/21

In: 0.000+/-0.000 χ^2/NDF : 888067.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1995804.5/21

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1942.485+/-959.483 χ^2/NDF : 10.7/10

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

Right Out: 660.373+/-889.391 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

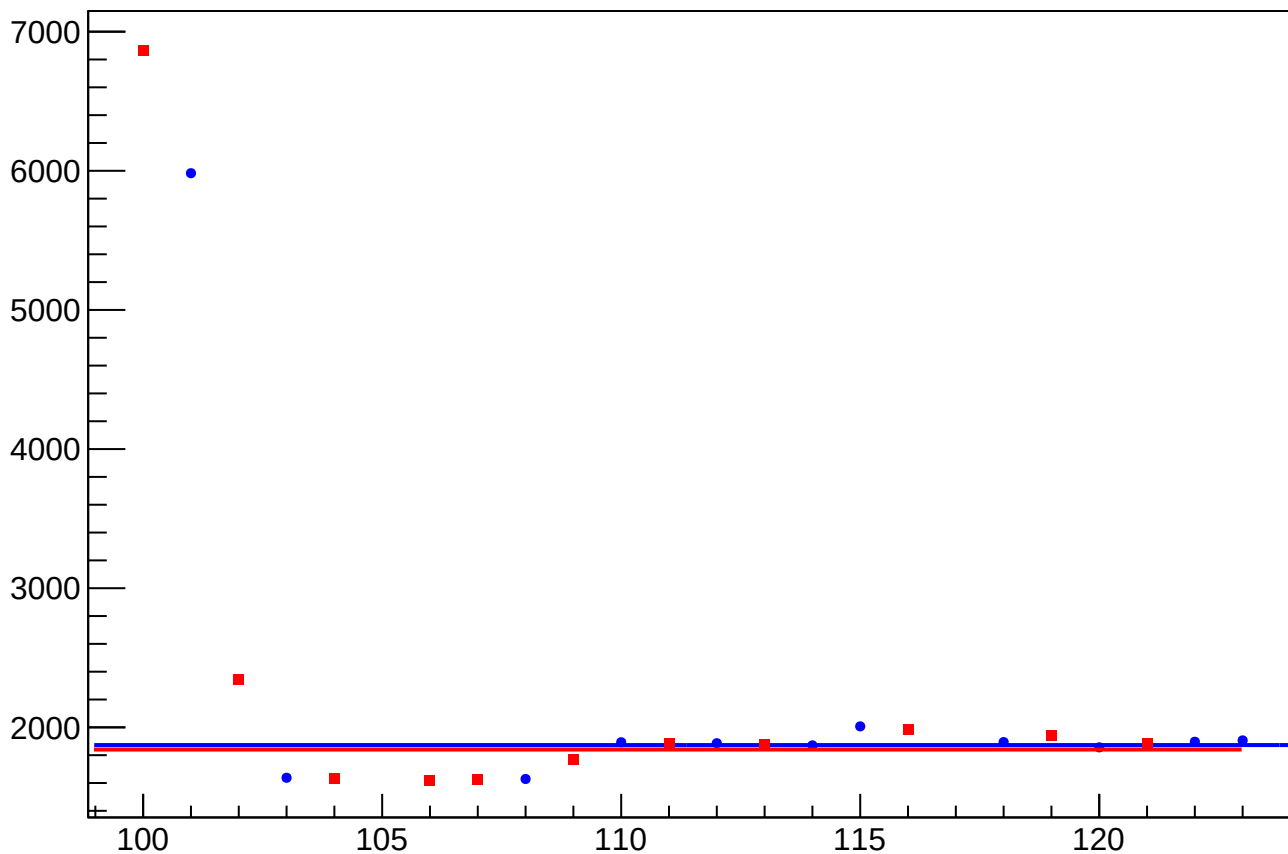
Right: -542.521+/-652.267 χ^2/NDF : 22.2/21

In: -1942.485+/-959.483 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.521+/-652.267 χ^2/NDF : 22.2/21

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1872.676+/-0.678 χ^2/NDF : 663434.7/10

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

Right Out: 1840.485+/-0.625 χ^2/NDF : 164315.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

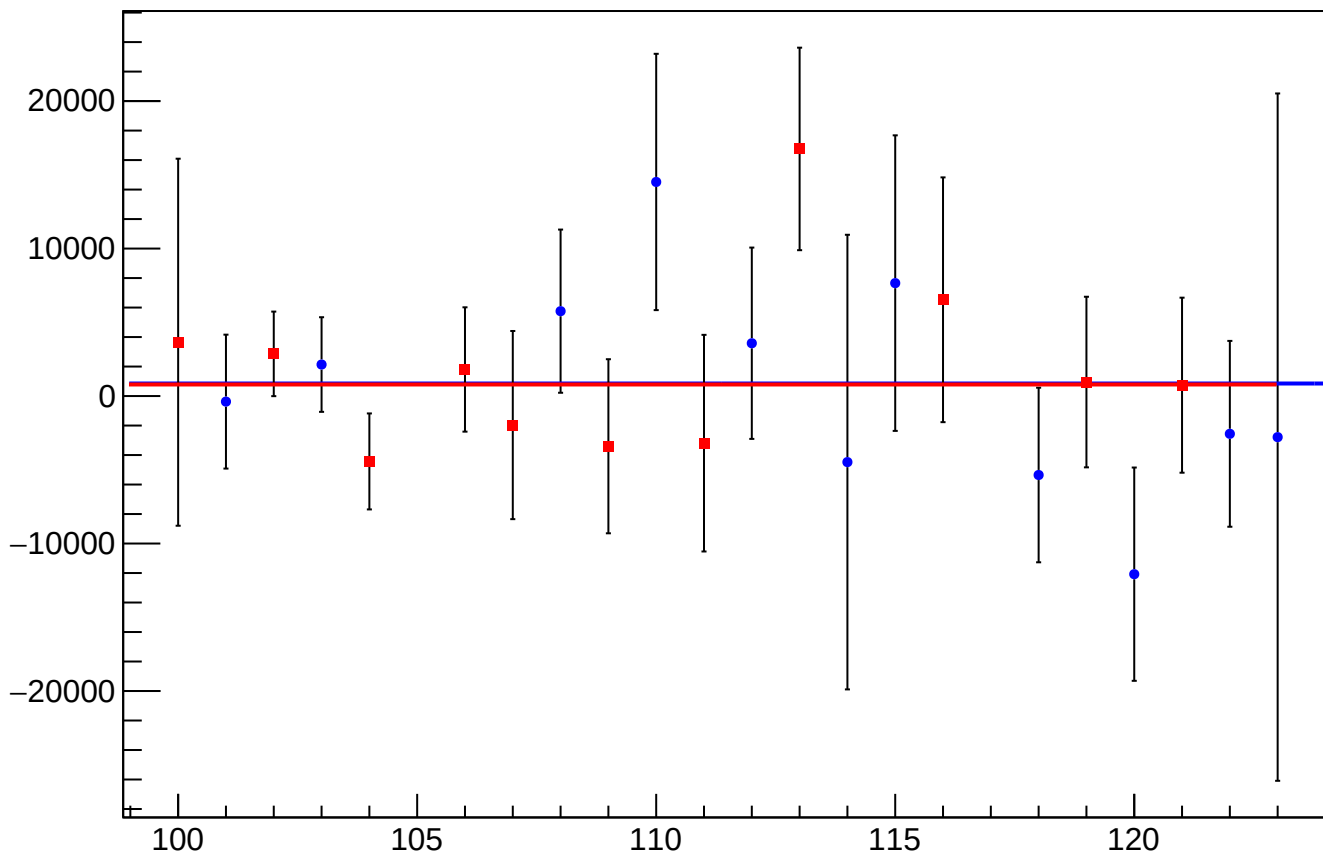
Right: 1855.275+/-0.460 χ^2/NDF : 828967.0/21

In: 1872.676+/-0.678 χ^2/NDF : 663434.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.275+/-0.460 χ^2/NDF : 828967.0/21

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 850.118+/-1813.010 χ^2/NDF : 8.9/10

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

Right Out: 783.782+/-1499.558 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

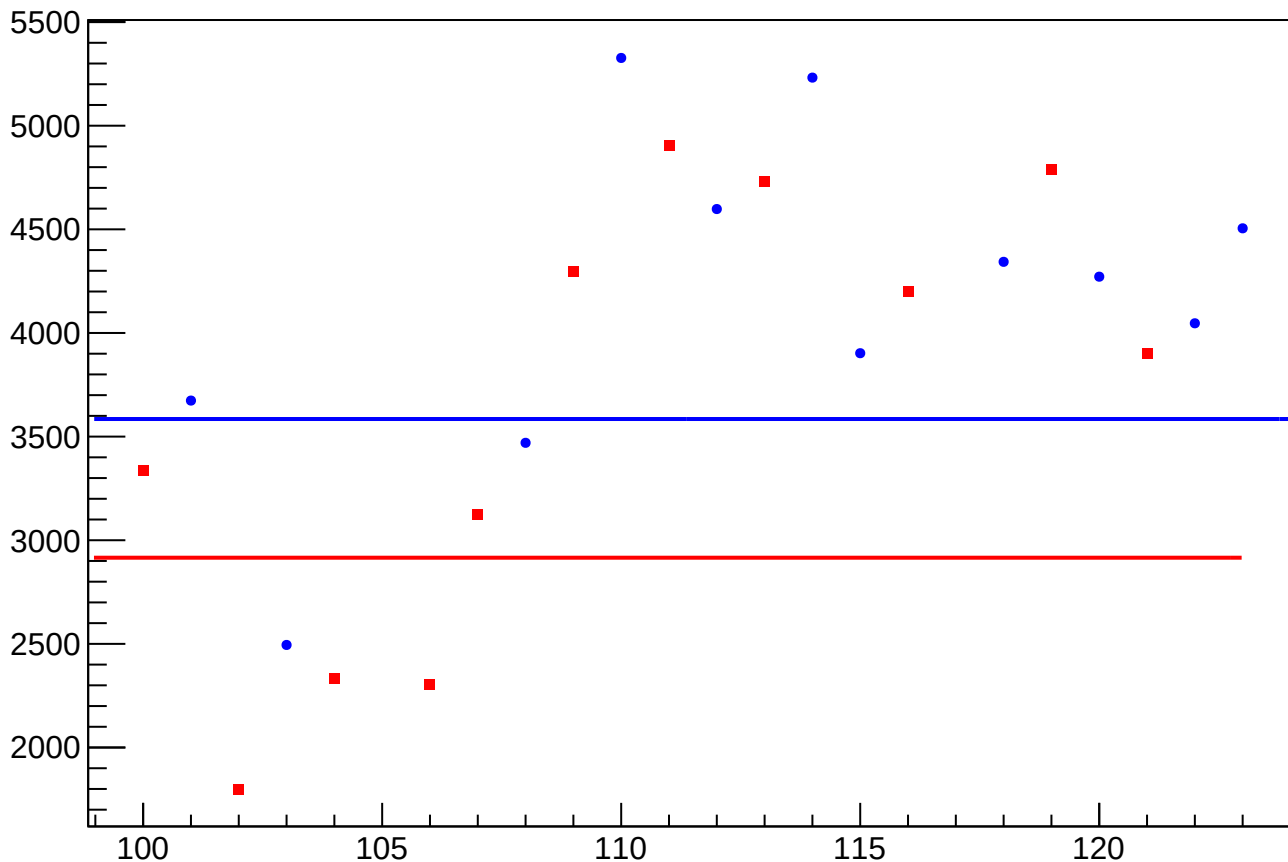
Right: 810.728+/-1155.521 χ^2/NDF : 18.9/21

In: 850.118+/-1813.010 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.728+/-1155.521 χ^2/NDF : 18.9/21

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3584.877+/-1.282 χ^2/NDF : 451273.7/10

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

Right Out: 2915.733+/-1.060 χ^2/NDF : 1123231.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

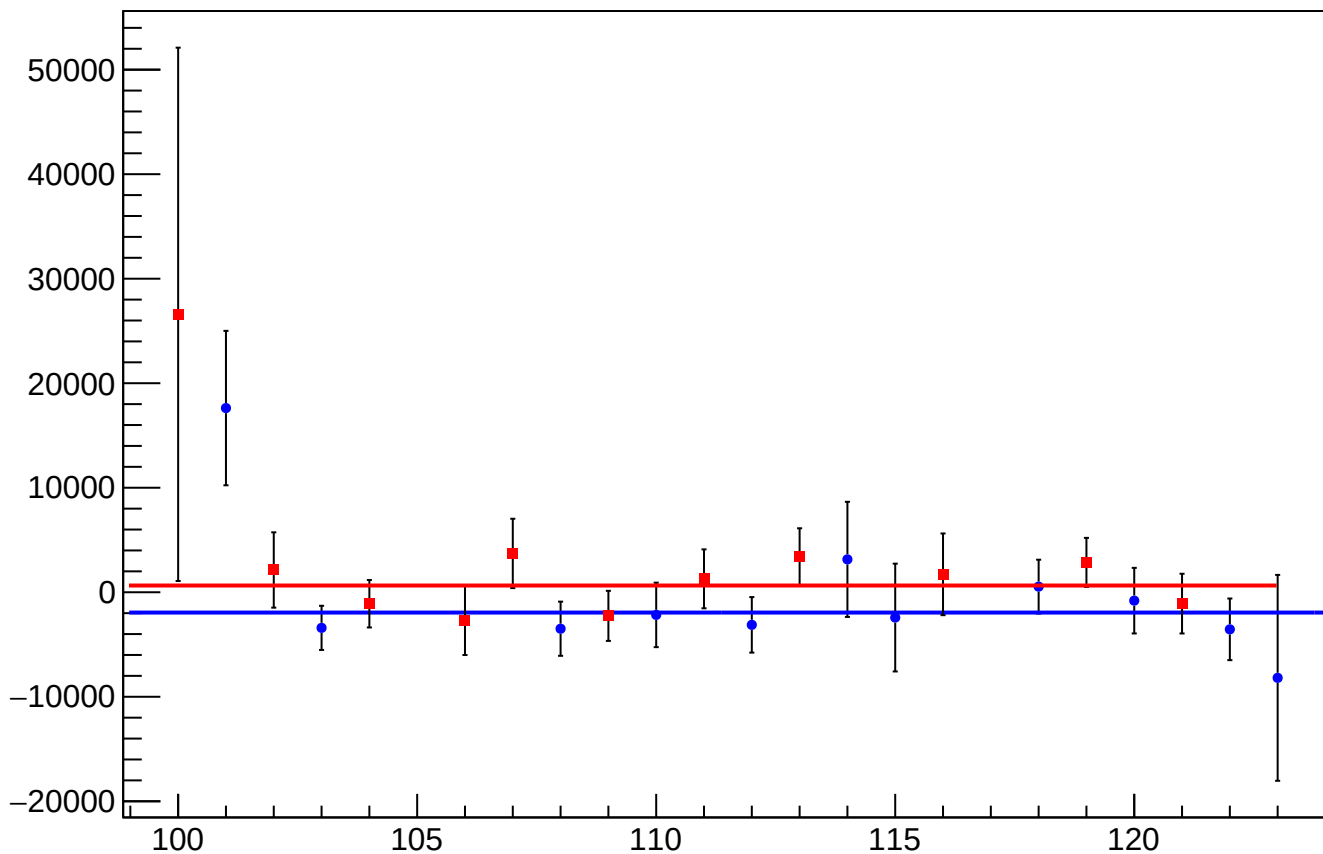
Right: 3187.549+/-0.817 χ^2/NDF : 1736275.1/21

In: 3584.877+/-1.282 χ^2/NDF :451273.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3187.549+/-0.817 χ^2/NDF : 1736275.1/21

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1943.116+/-959.483 χ^2/NDF : 10.7/10

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

Right Out: 644.939+/-891.315 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

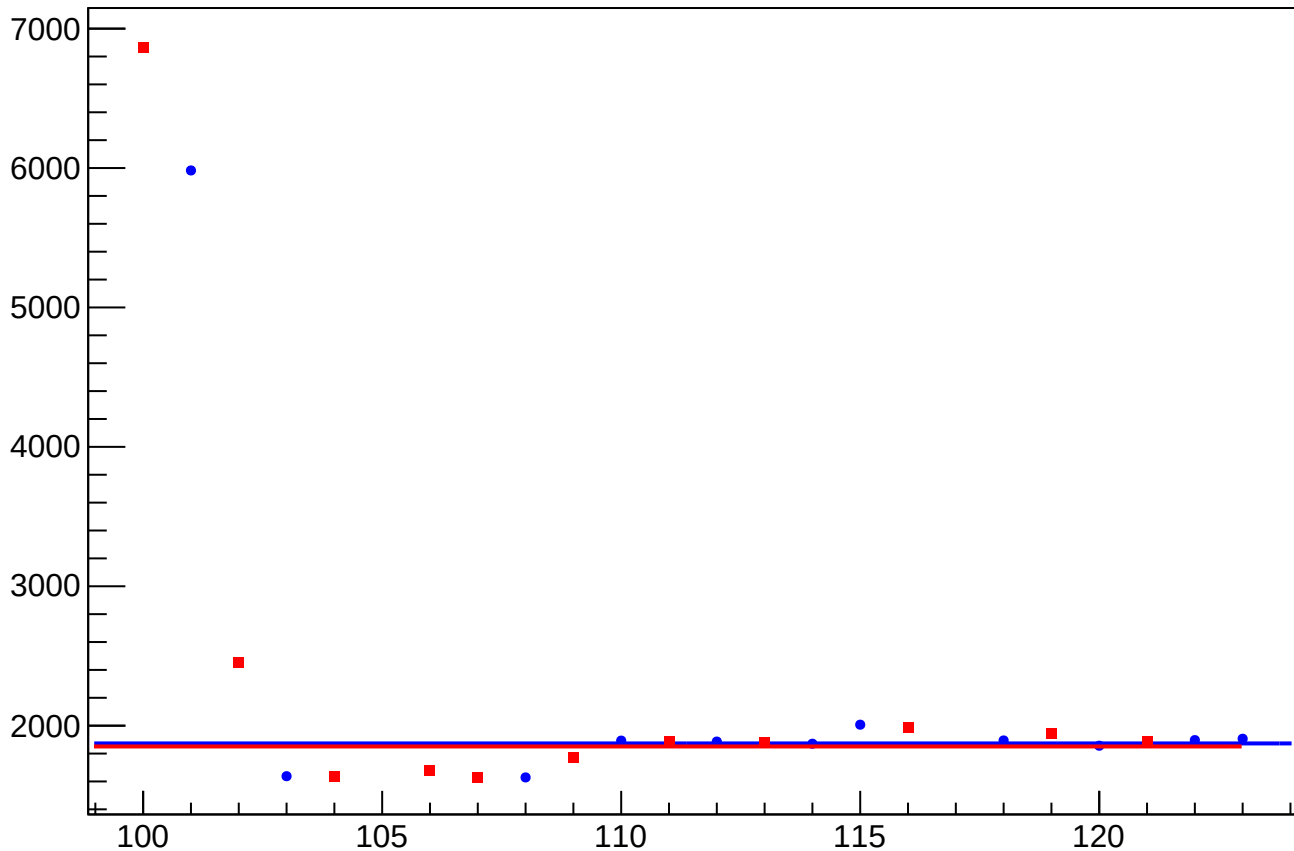
Right: -553.895+/-653.025 χ^2/NDF : 22.1/21

In: -1943.116+/-959.483 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.895+/-653.025 χ^2/NDF : 22.1/21

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1872.676+/-0.678 χ^2/NDF : 663434.9/10

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

Right Out: 1850.960+/-0.629 χ^2/NDF : 175010.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

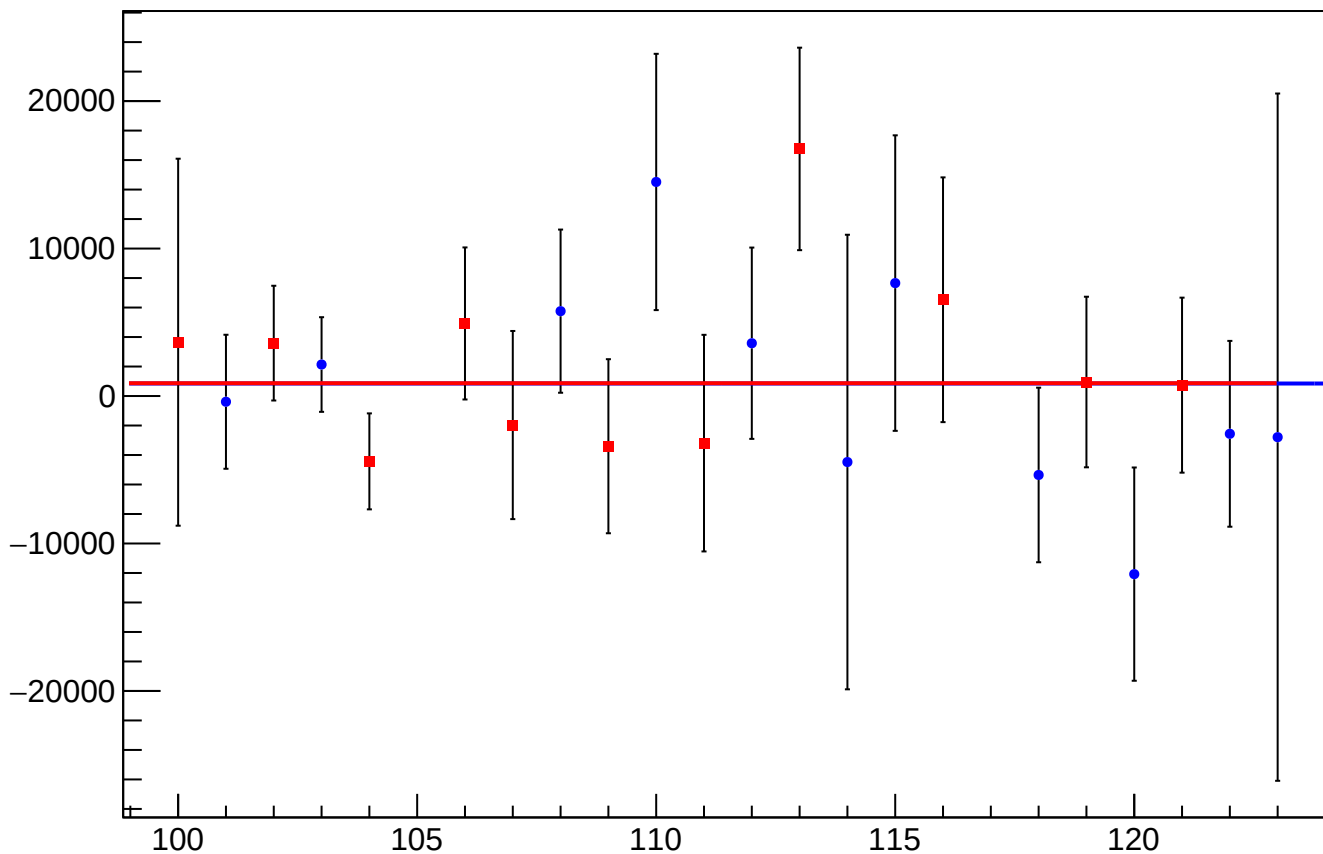
Right: 1860.992+/-0.461 χ^2/NDF : 838996.5/21

In: 1872.676+/-0.678 χ^2/NDF : 663434.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.992+/-0.461 χ^2/NDF : 838996.5/21

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 848.142+/-1813.327 χ^2/NDF : 8.9/10

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

Right Out: 867.933+/-1642.997 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

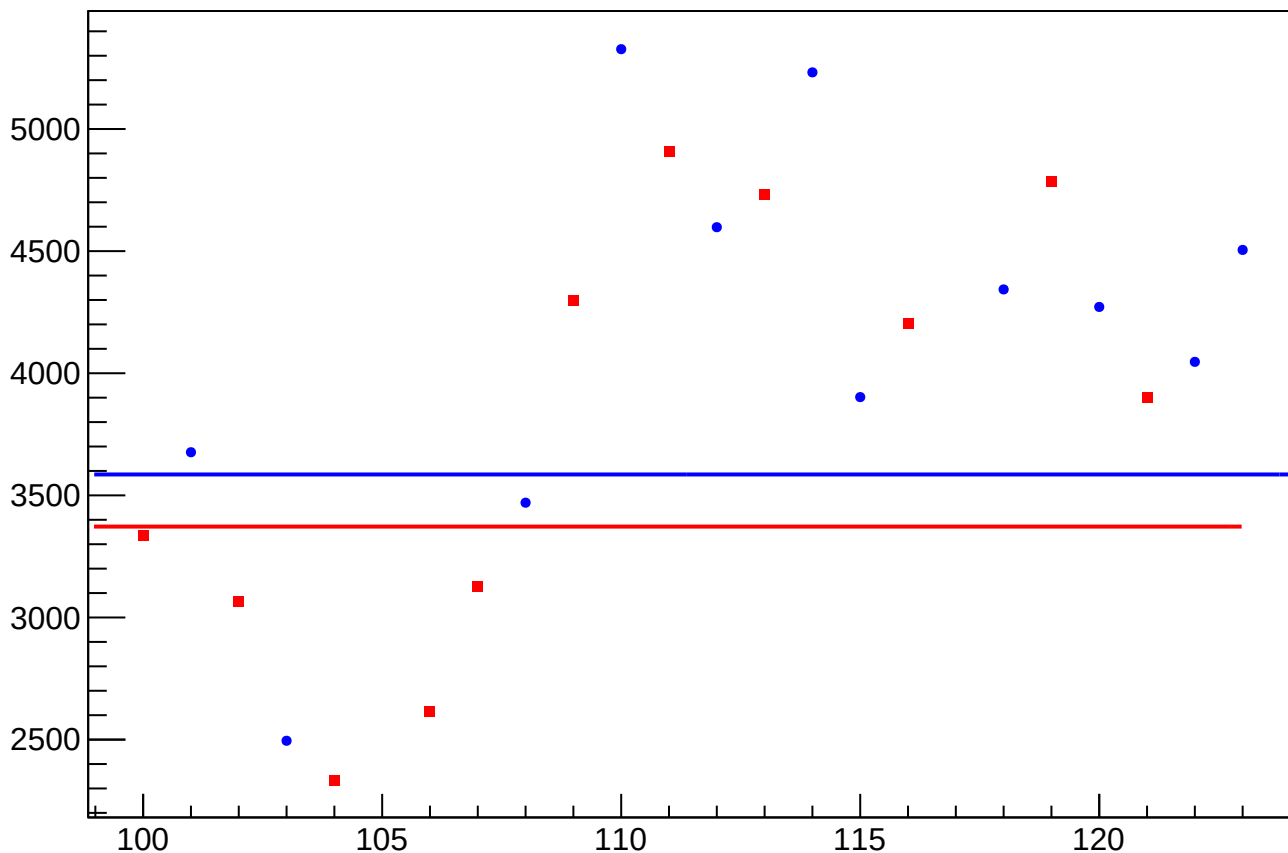
Right: 859.010+/-1217.550 χ^2/NDF : 19.5/21

In: 848.142+/-1813.327 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.010+/-1217.550 χ^2/NDF : 19.5/21

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3585.577+/-1.282 χ^2/NDF : 451035.6/10

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

Right Out: 3372.206+/-1.162 χ^2/NDF : 632348.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

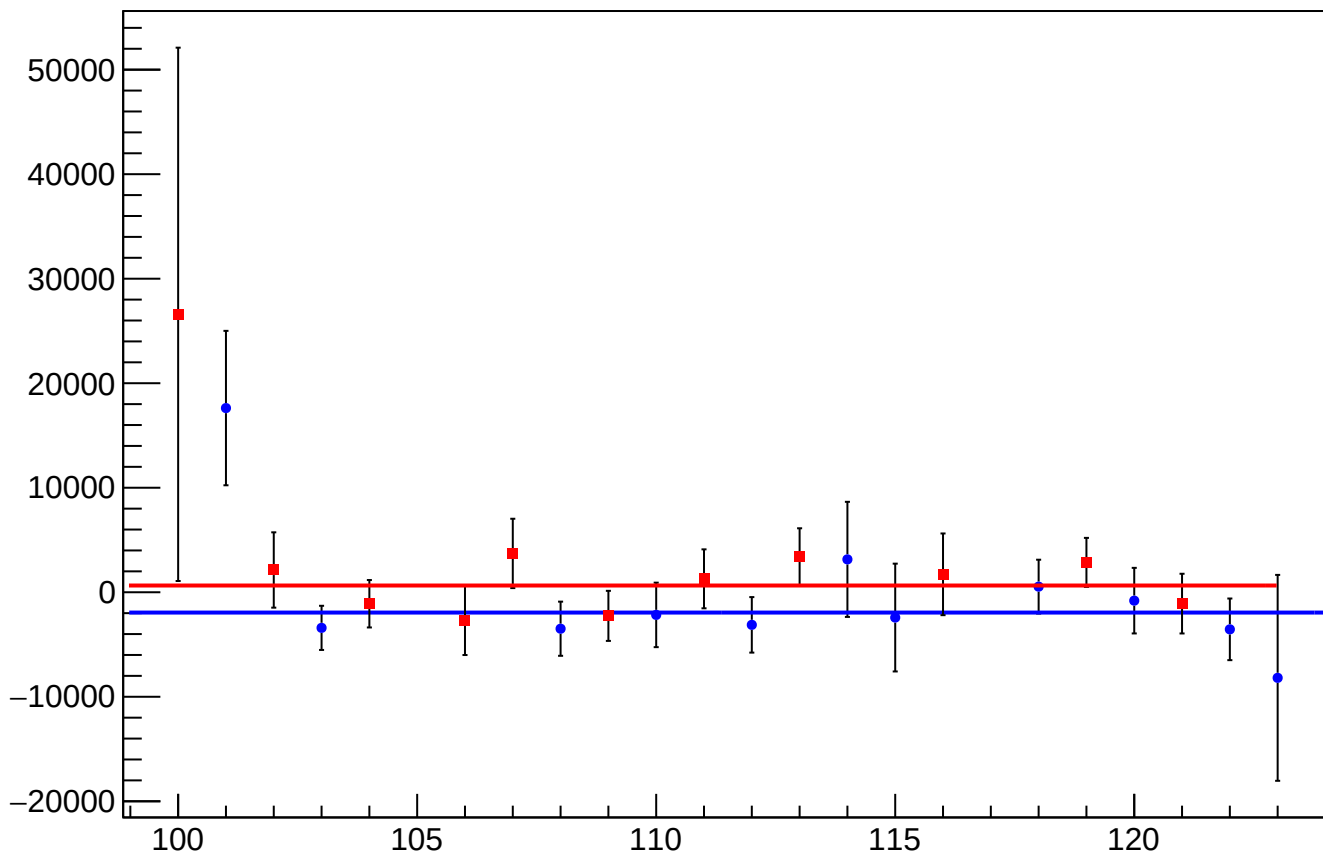
Right: 3468.402+/-0.861 χ^2/NDF : 1098590.9/21

In: 3585.577+/-1.282 χ^2/NDF : 451035.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3468.402+/-0.861 χ^2/NDF : 1098590.9/21

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1943.116+/-959.483 χ^2/NDF : 10.7/10

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

Right Out: 644.939+/-891.315 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

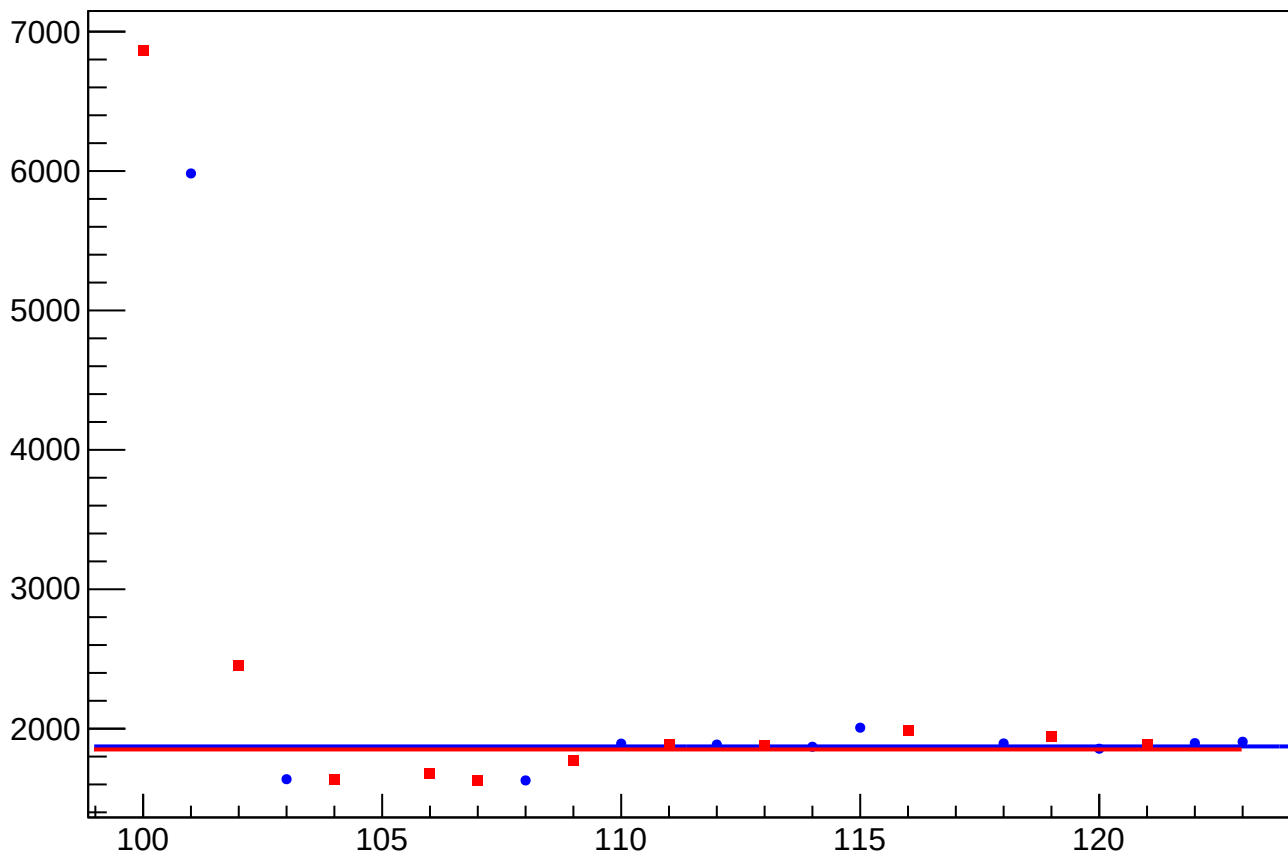
Right: -553.895+/-653.025 χ^2/NDF : 22.1/21

In: -1943.116+/-959.483 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.895+/-653.025 χ^2/NDF : 22.1/21

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1872.676+/-0.678 χ^2/NDF : 663434.9/10

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

Right Out: 1850.960+/-0.629 χ^2/NDF : 175010.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

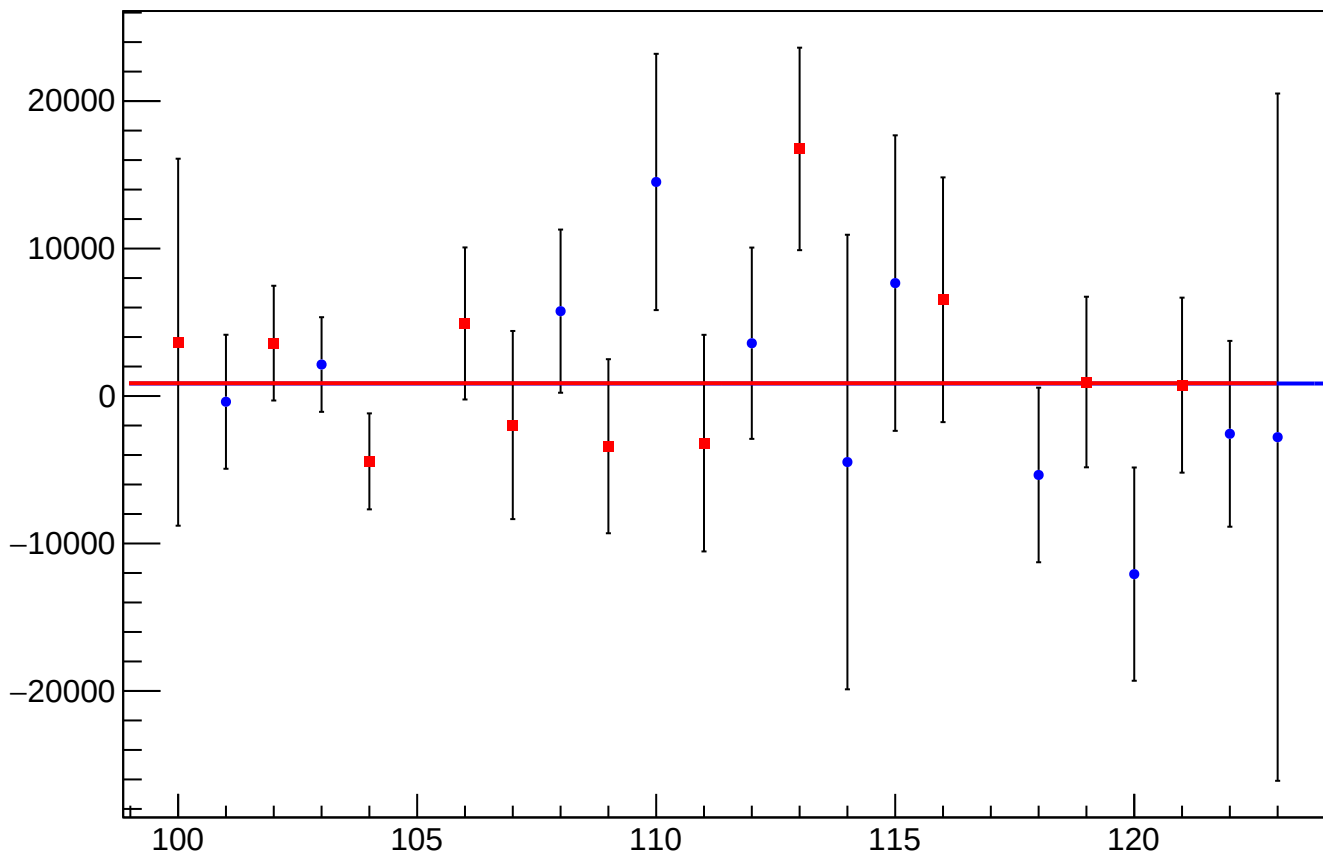
Right: 1860.992+/-0.461 χ^2/NDF : 838996.5/21

In: 1872.676+/-0.678 χ^2/NDF : 663434.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.992+/-0.461 χ^2/NDF : 838996.5/21

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 848.142+/-1813.327 χ^2/NDF : 8.9/10

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

Right Out: 867.933+/-1642.997 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

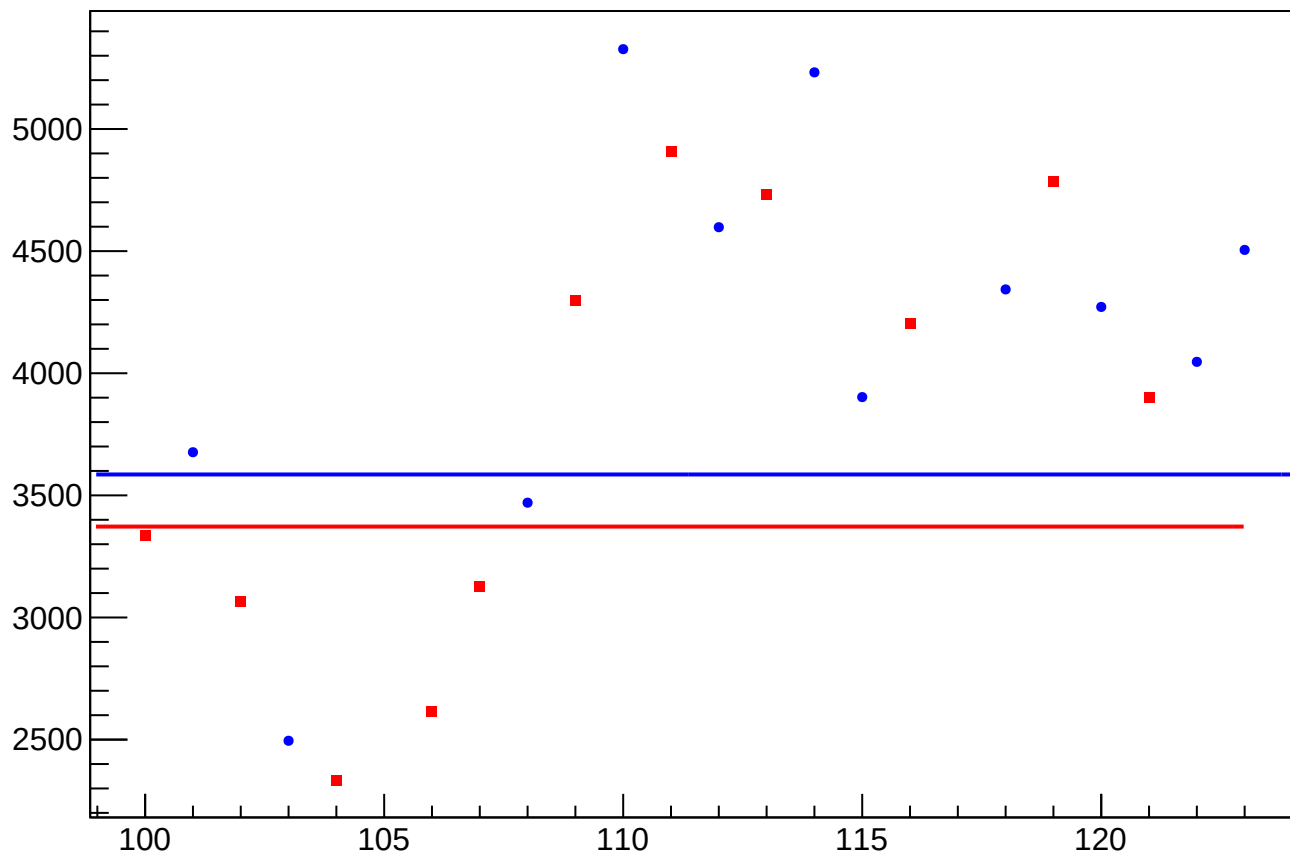
Right: 859.010+/-1217.550 χ^2/NDF : 19.5/21

In: 848.142+/-1813.327 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.010+/-1217.550 χ^2/NDF : 19.5/21

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3585.577+/-1.282 χ^2/NDF : 451035.6/10

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

Right Out: 3372.206+/-1.162 χ^2/NDF : 632348.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

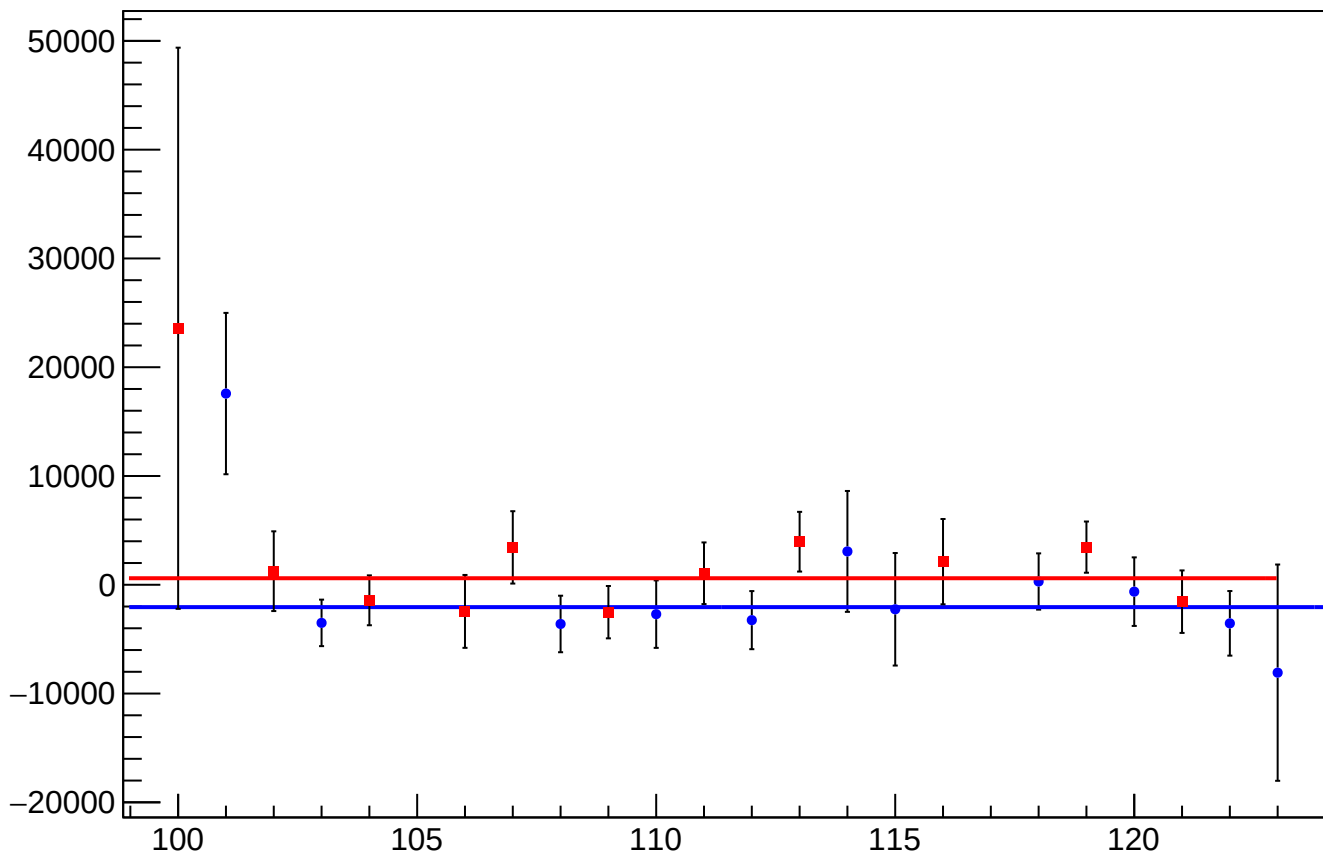
Right: 3468.402+/-0.861 χ^2/NDF : 1098590.9/21

In: 3585.577+/-1.282 χ^2/NDF : 451035.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3468.402+/-0.861 χ^2/NDF : 1098590.9/21

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2055.003+/-965.446 χ^2/NDF : 10.6/10

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

Right Out: 600.851+/-897.171 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

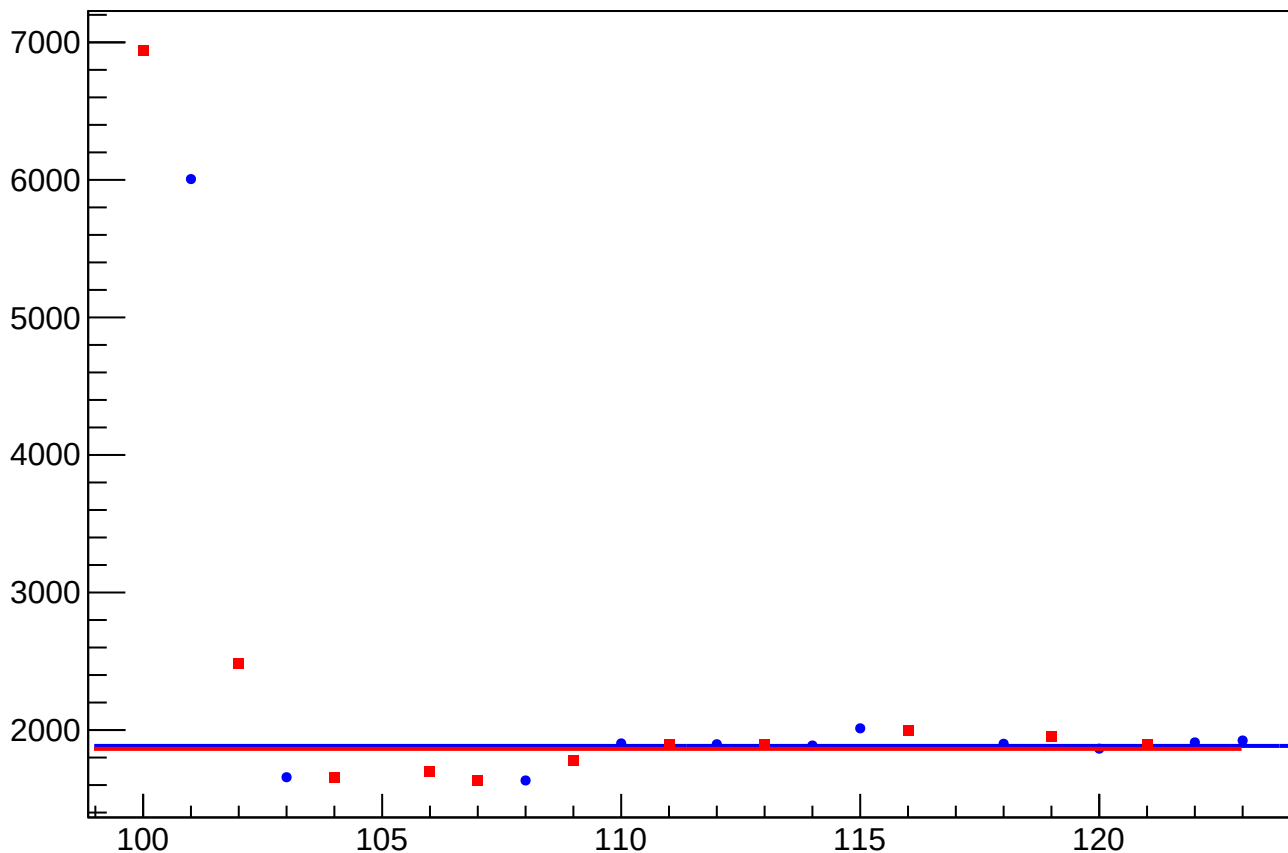
Right: -629.856+/-657.208 χ^2/NDF : 23.2/21

In: -2055.003+/-965.446 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.856+/-657.208 χ^2/NDF : 23.2/21

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1884.614+/-0.683 χ^2/NDF : 660678.5/10

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

Right Out: 1863.072+/-0.633 χ^2/NDF : 174285.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

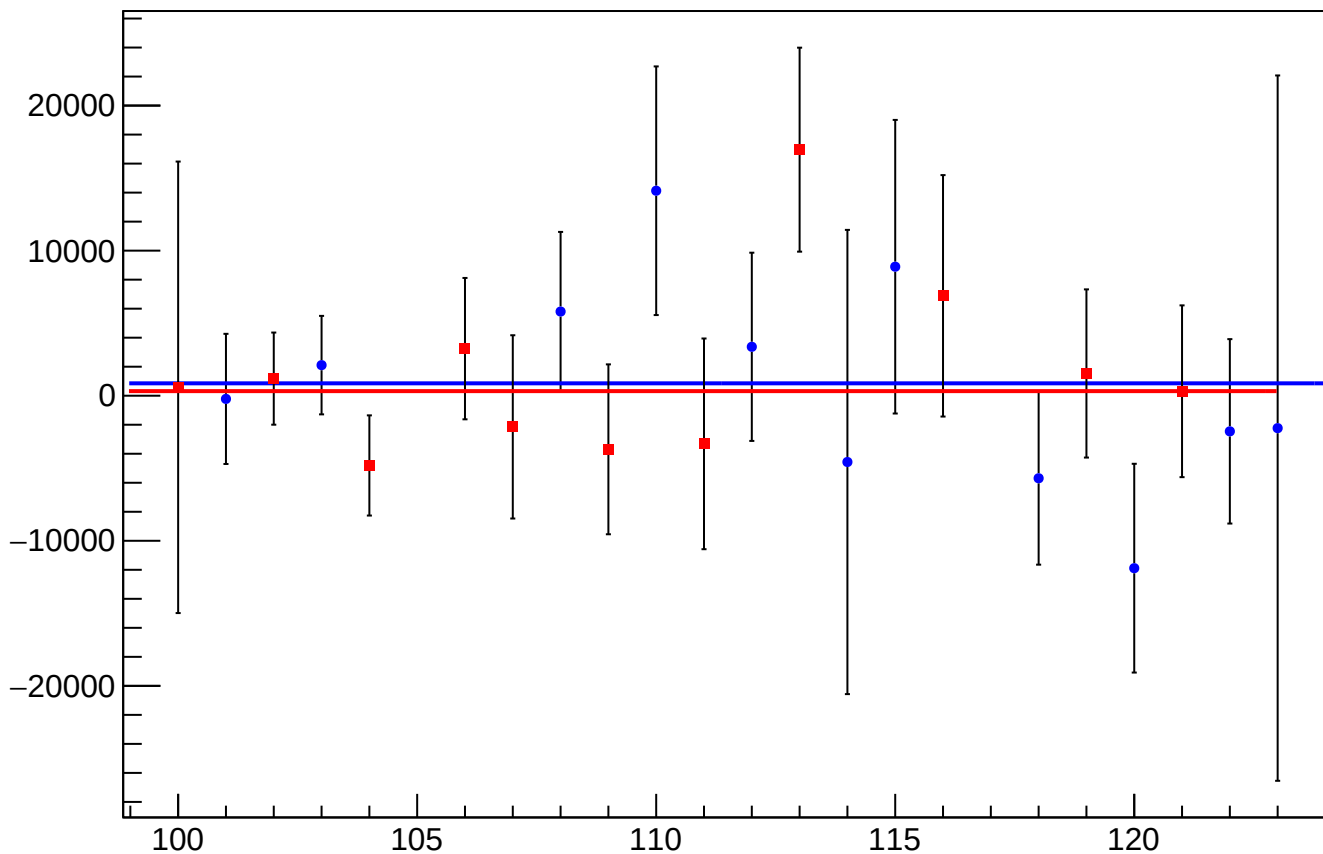
Right: 1873.036+/-0.464 χ^2/NDF : 835499.2/21

In: 1884.614+/-0.683 χ^2/NDF : 660678.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.036+/-0.464 χ^2/NDF : 835499.2/21

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 853.977 $\pm$ 1842.219 χ^2 /NDF: 8.9/10

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

Right Out: 316.437 $\pm$ 1590.251 χ^2 /NDF: 9.8/10

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

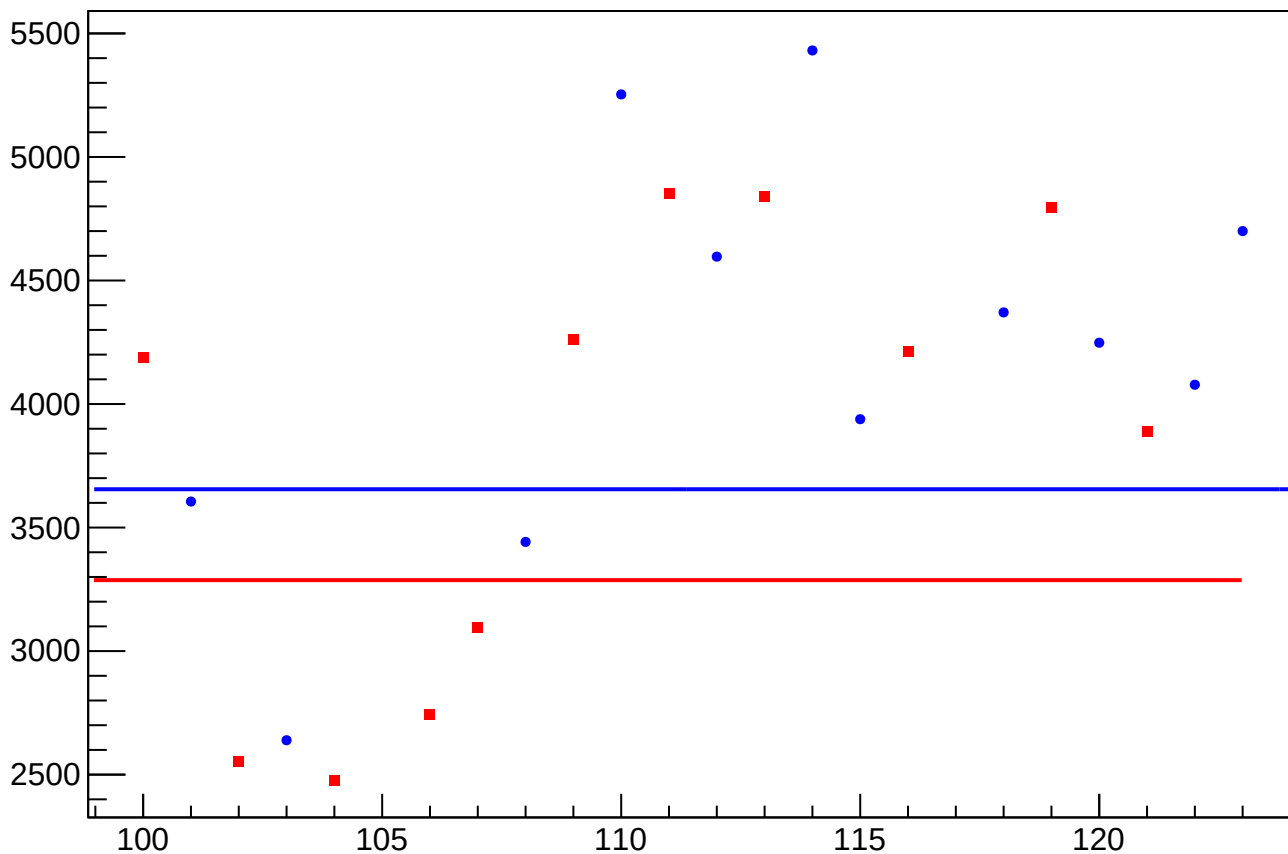
Right: 545.959 $\pm$ 1203.783 χ^2 /NDF: 18.8/21

In: 853.977 $\pm$ 1842.219 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 545.959 $\pm$ 1203.783 χ^2 /NDF: 18.8/21

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3655.067+/-1.303 χ^2/NDF : 375310.1/10

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

Right Out: 3287.244+/-1.124 χ^2/NDF : 676817.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

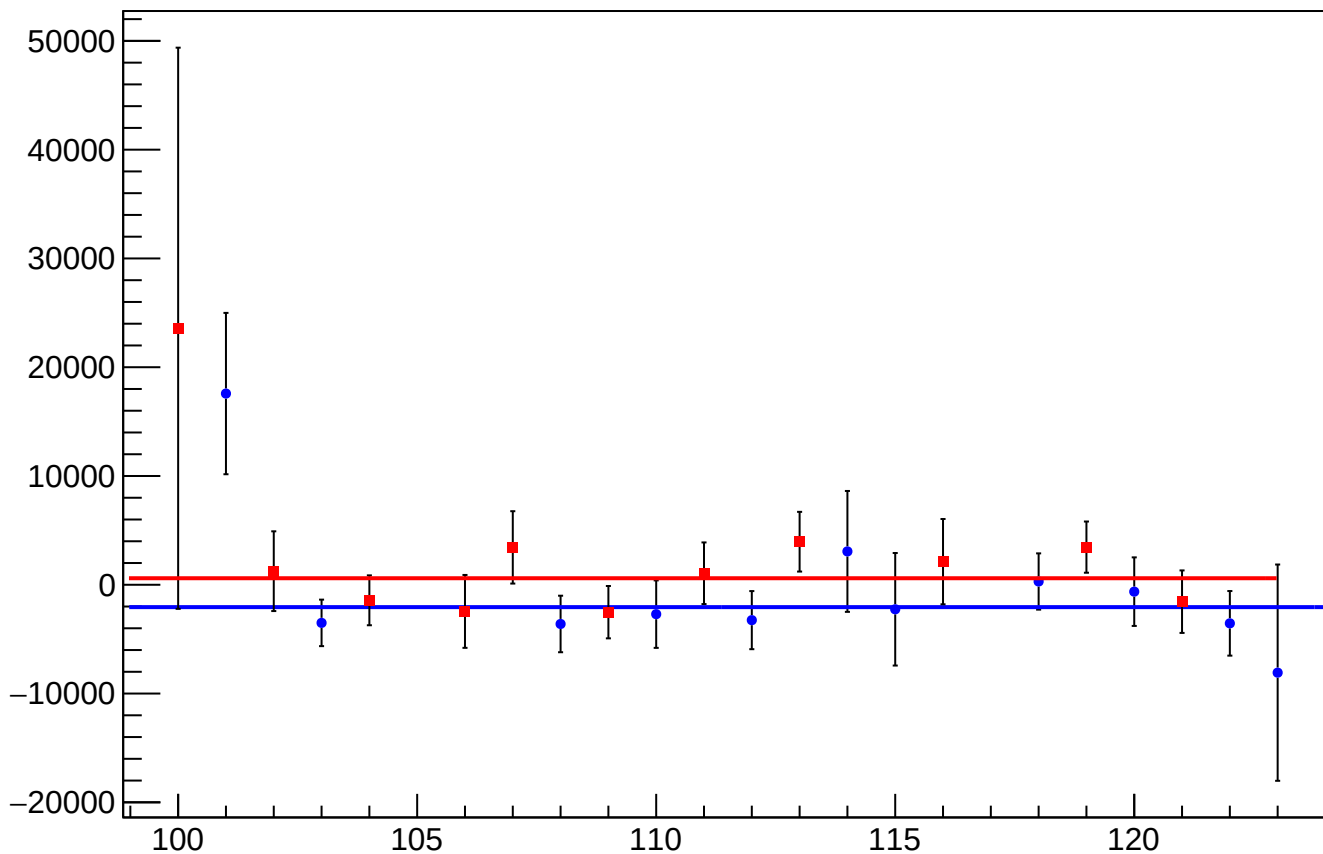
Right: 3444.300+/-0.851 χ^2/NDF : 1097814.1/21

In: 3655.067+/-1.303 χ^2/NDF : 375310.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3444.300+/-0.851 χ^2/NDF : 1097814.1/21

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2054.998+/-965.445 χ^2/NDF : 10.6/10

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

Right Out: 600.846+/-897.171 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

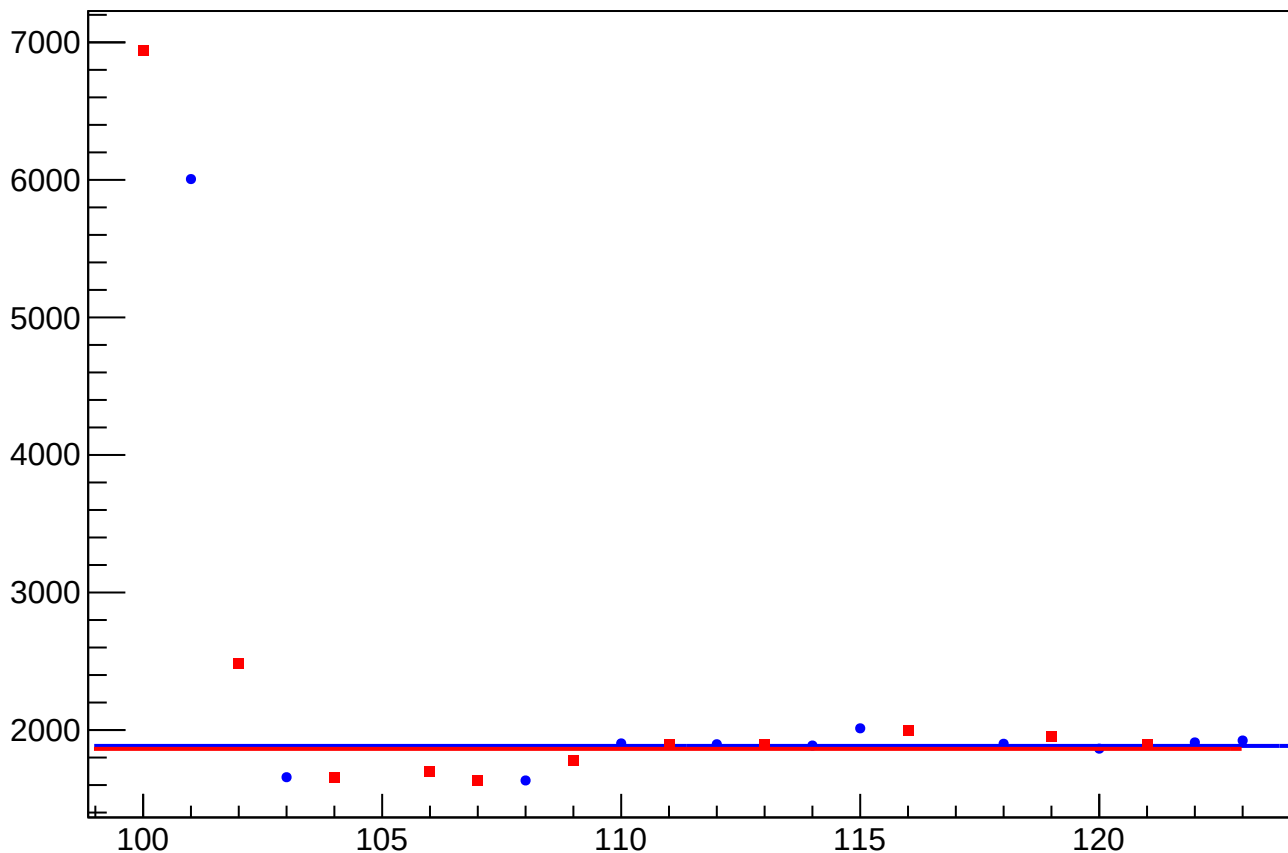
Right: -629.857+/-657.208 χ^2/NDF : 23.2/21

In: -2054.998+/-965.445 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.857+/-657.208 χ^2/NDF : 23.2/21

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1884.614+/-0.683 χ^2/NDF : 660678.4/10

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

Right Out: 1863.072+/-0.633 χ^2/NDF : 174285.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

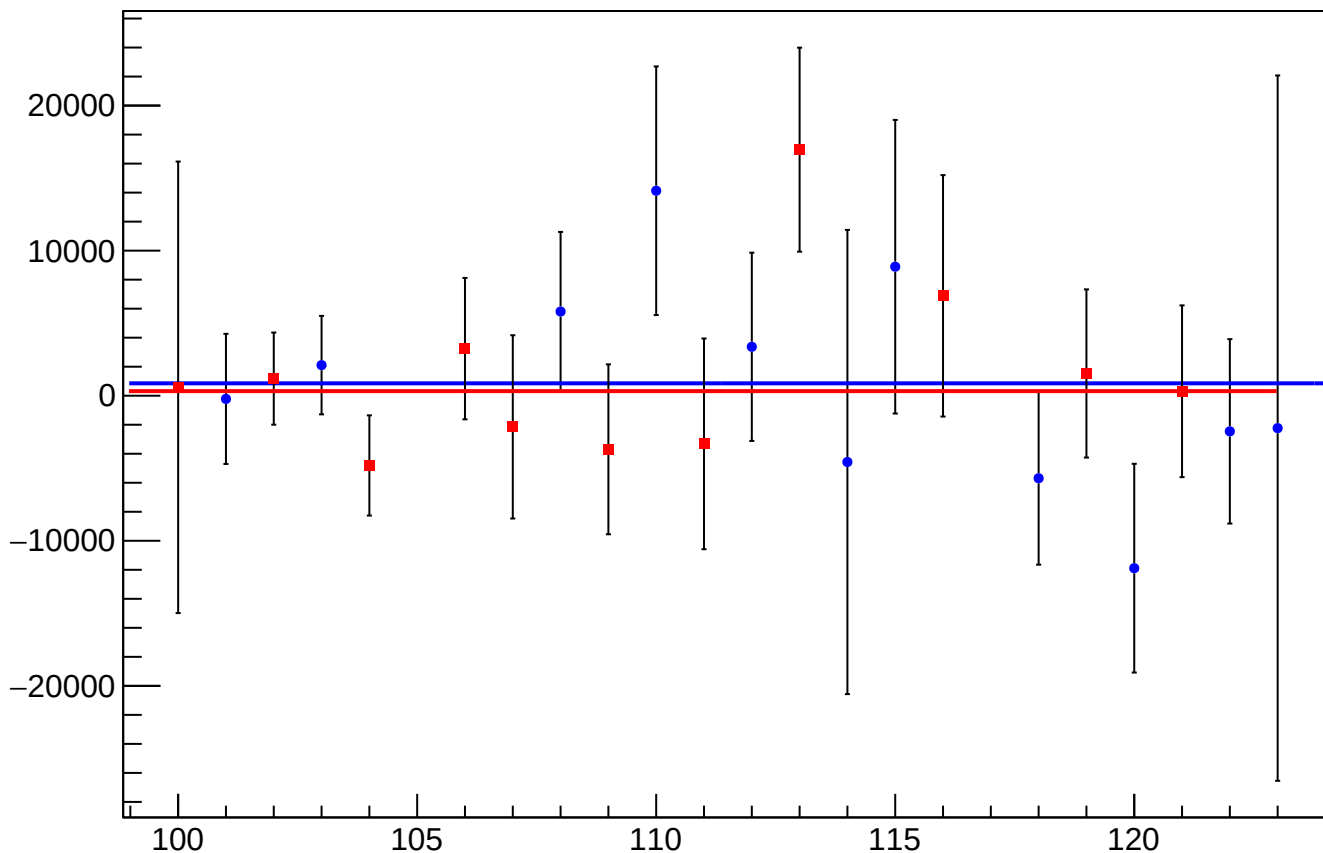
Right: 1873.036+/-0.464 χ^2/NDF : 835499.2/21

In: 1884.614+/-0.683 χ^2/NDF : 660678.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.036+/-0.464 χ^2/NDF : 835499.2/21

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 853.972 $\pm$ 1842.217 χ^2 /NDF: 8.9/10

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

Right Out: 316.436 $\pm$ 1590.249 χ^2 /NDF: 9.8/10

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

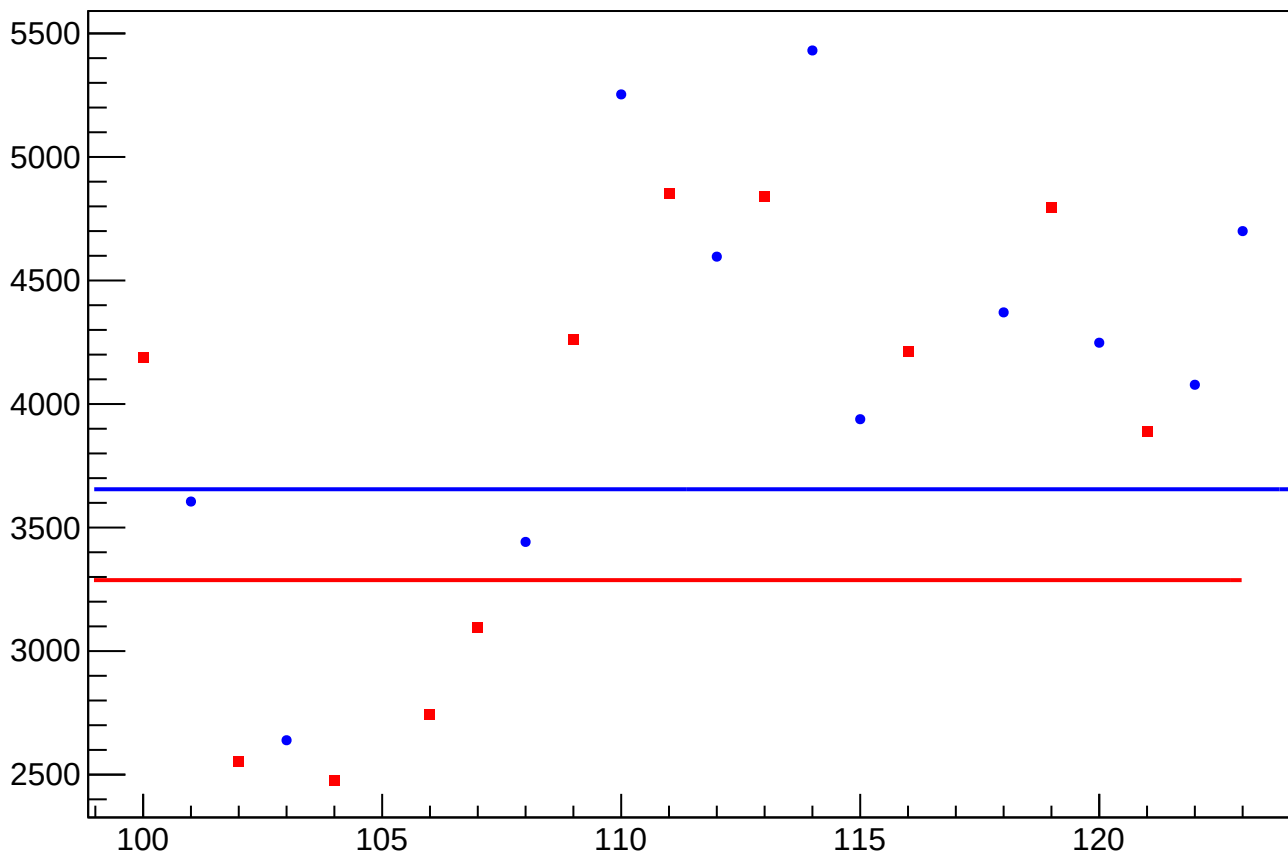
Right: 545.956 $\pm$ 1203.781 χ^2 /NDF: 18.8/21

In: 853.972 $\pm$ 1842.217 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 545.956 $\pm$ 1203.781 χ^2 /NDF: 18.8/21

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3655.062 $\pm$ 1.303 χ^2 /NDF: 375305.6/10

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

Right Out: 3287.241 $\pm$ 1.124 χ^2 /NDF: 676812.6/10

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

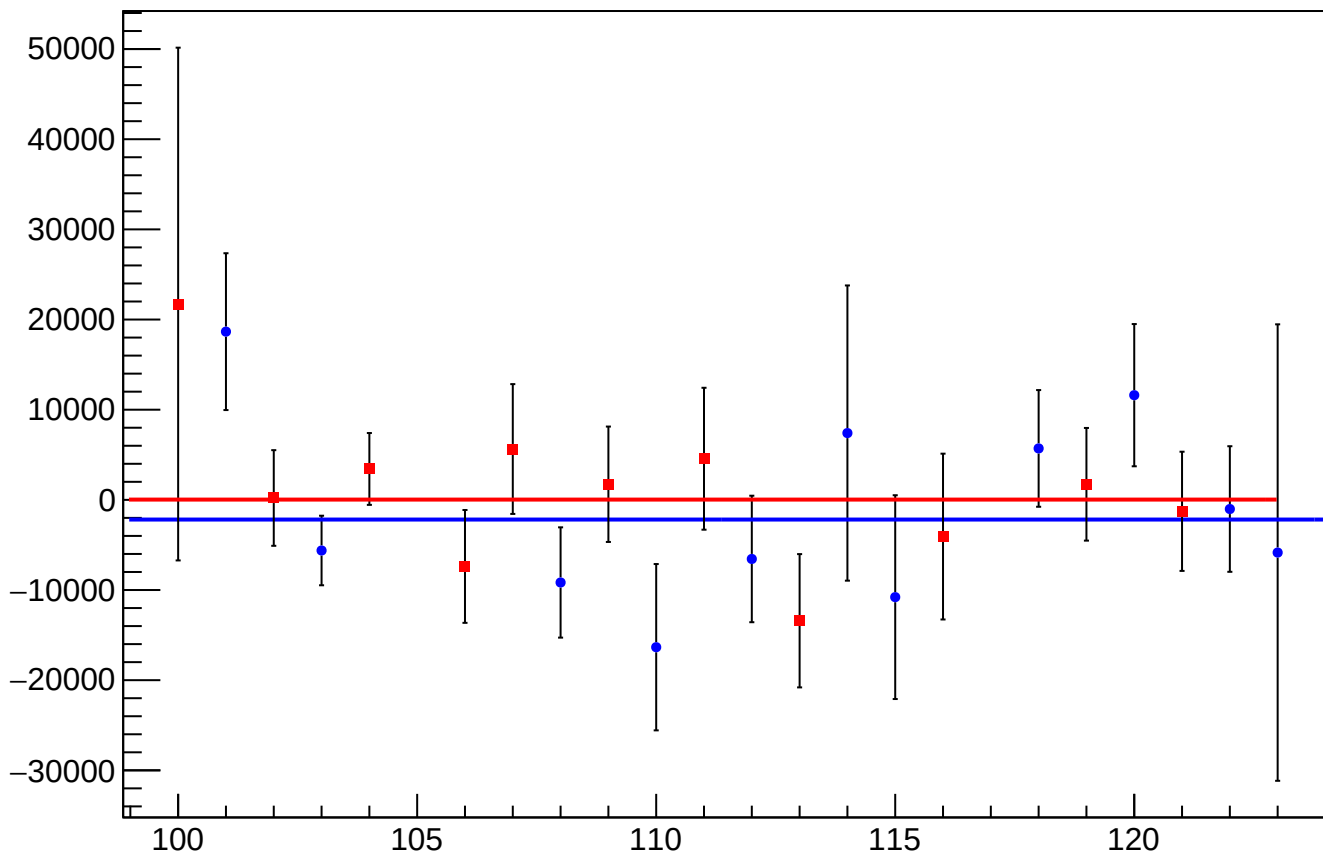
Right: 3444.296 $\pm$ 0.851 χ^2 /NDF: 1097804.8/21

In: 3655.062 $\pm$ 1.303 χ^2 /NDF:375305.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3444.296 $\pm$ 0.851 χ^2 /NDF: 1097804.8/21

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2184.036+/-2167.265 χ^2/NDF : 16.1/10

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

Right Out: 30.020+/-1947.011 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

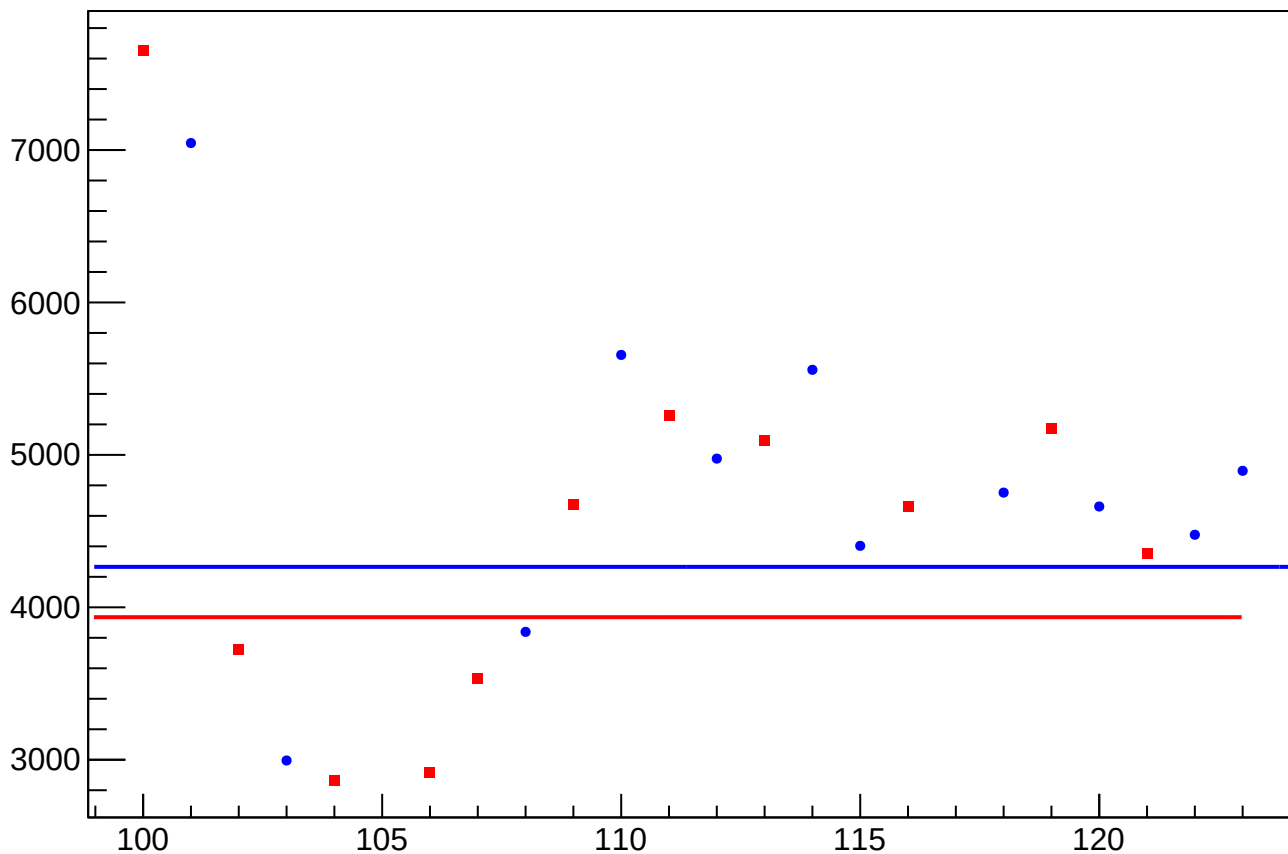
Right: -958.819+/-1448.373 χ^2/NDF : 24.0/21

In: -2184.036+/-2167.265 χ^2/NDF : 16.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.819+/-1448.373 χ^2/NDF : 24.0/21

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4265.420+/-1.532 χ^2/NDF : 529165.0/10

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

Right Out: 3935.257+/-1.361 χ^2/NDF : 485377.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

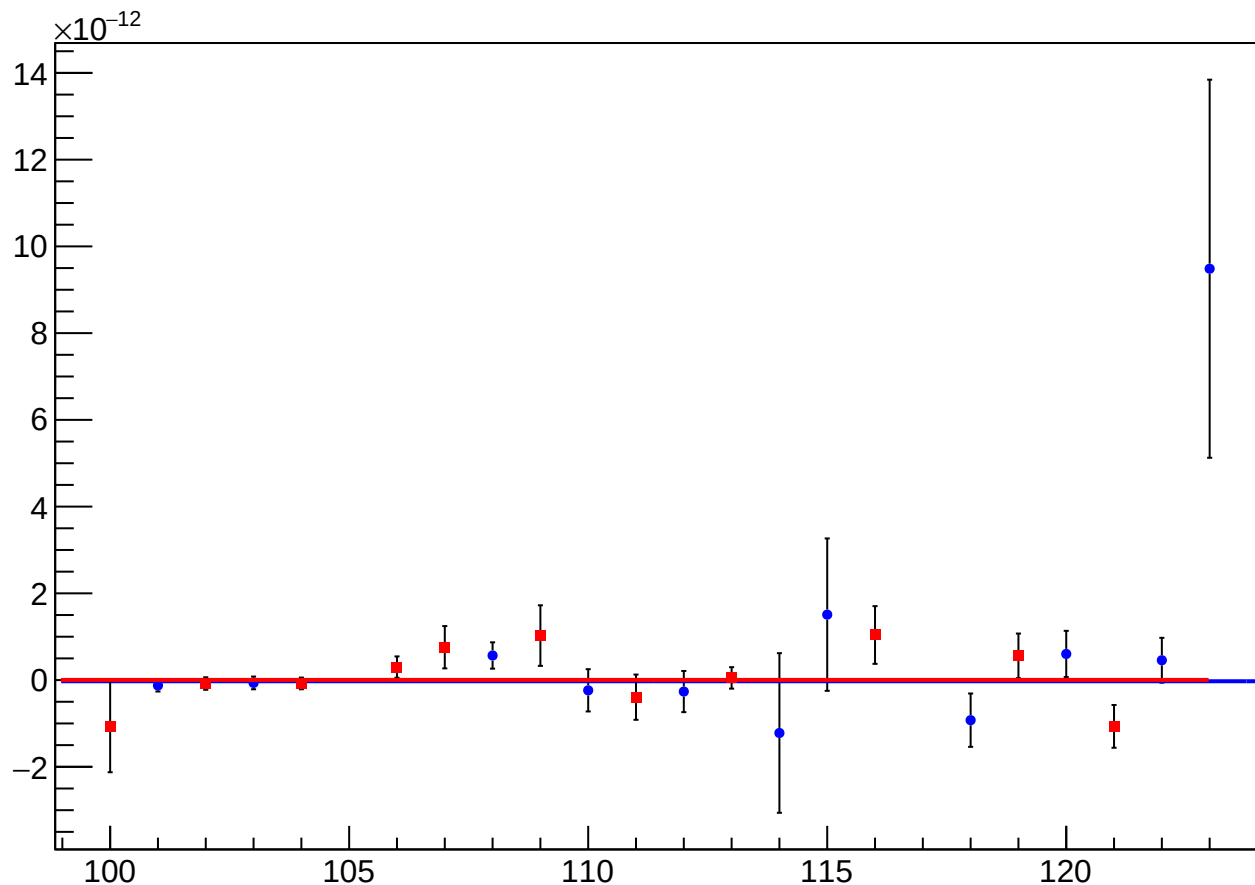
Right: 4080.798+/-1.017 χ^2/NDF : 1040496.6/21

In: 4265.420+/-1.532 χ^2/NDF : 529165.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4080.798+/-1.017 χ^2/NDF : 1040496.6/21

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 16.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

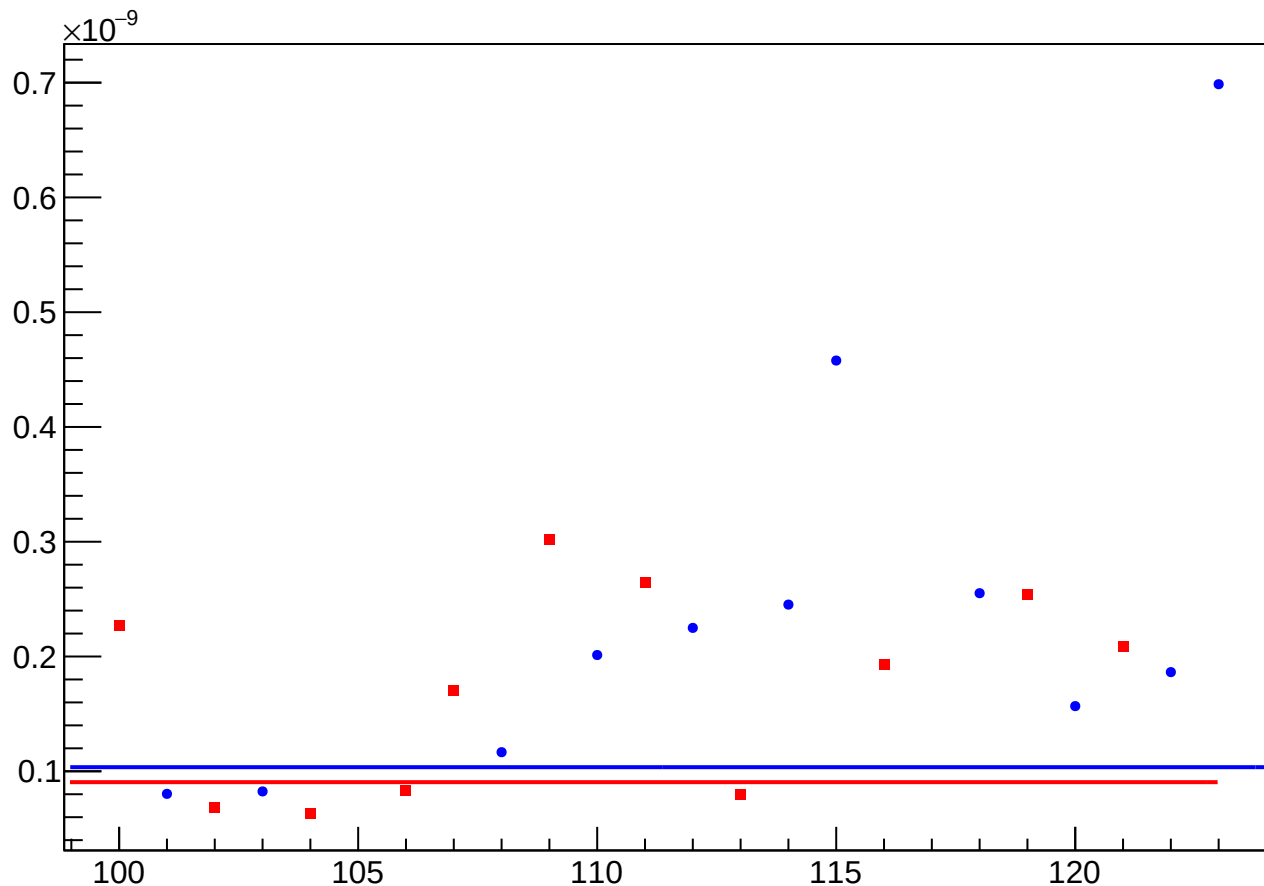
Right: -0.000+/-0.000 χ^2/NDF : 31.9/21

In: -0.000+/-0.000 χ^2/NDF : 15.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.9/21

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 635231.8/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 989781.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

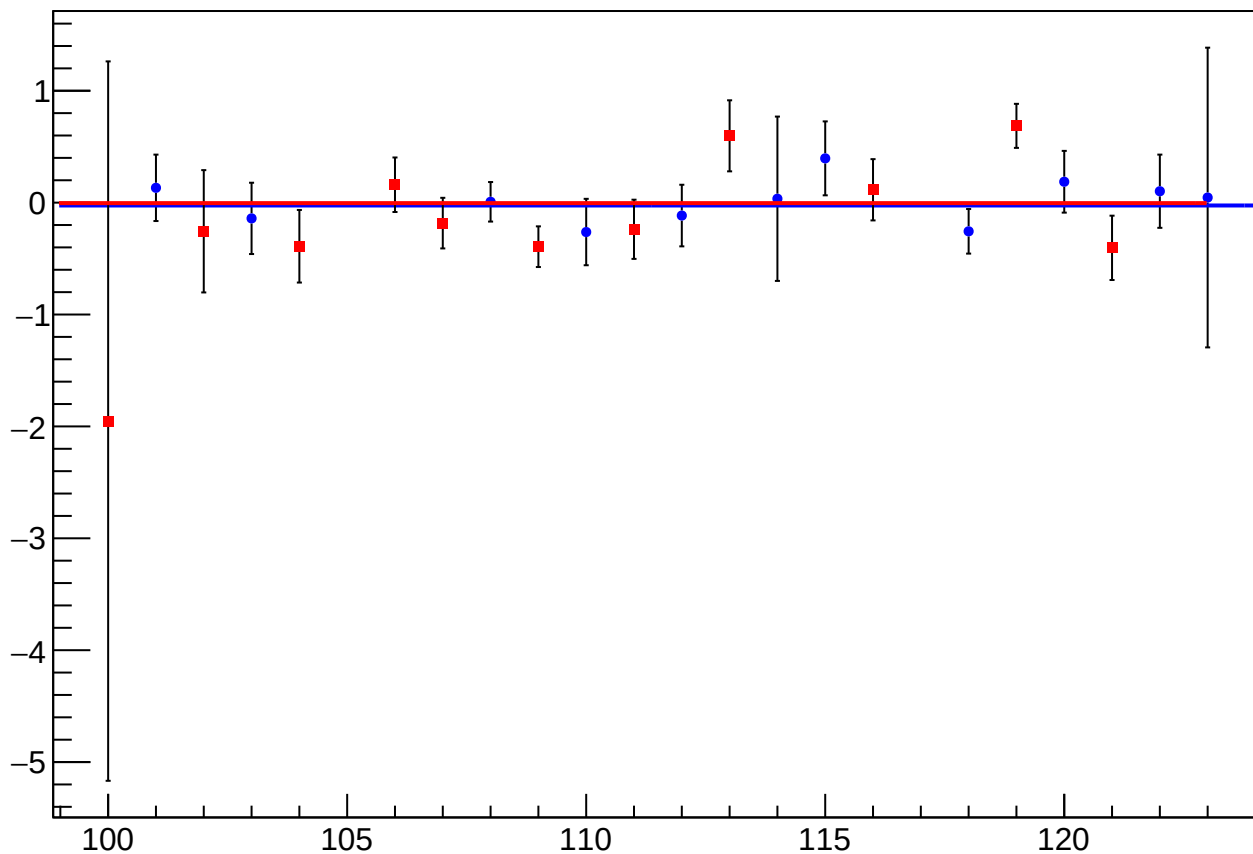
Right: 0.000+/-0.000 χ^2/NDF : 1649051.1/21

In: 0.000+/-0.000 χ^2/NDF : 635231.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1649051.1/21

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

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

Right Out: -0.004 ± 0.080 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

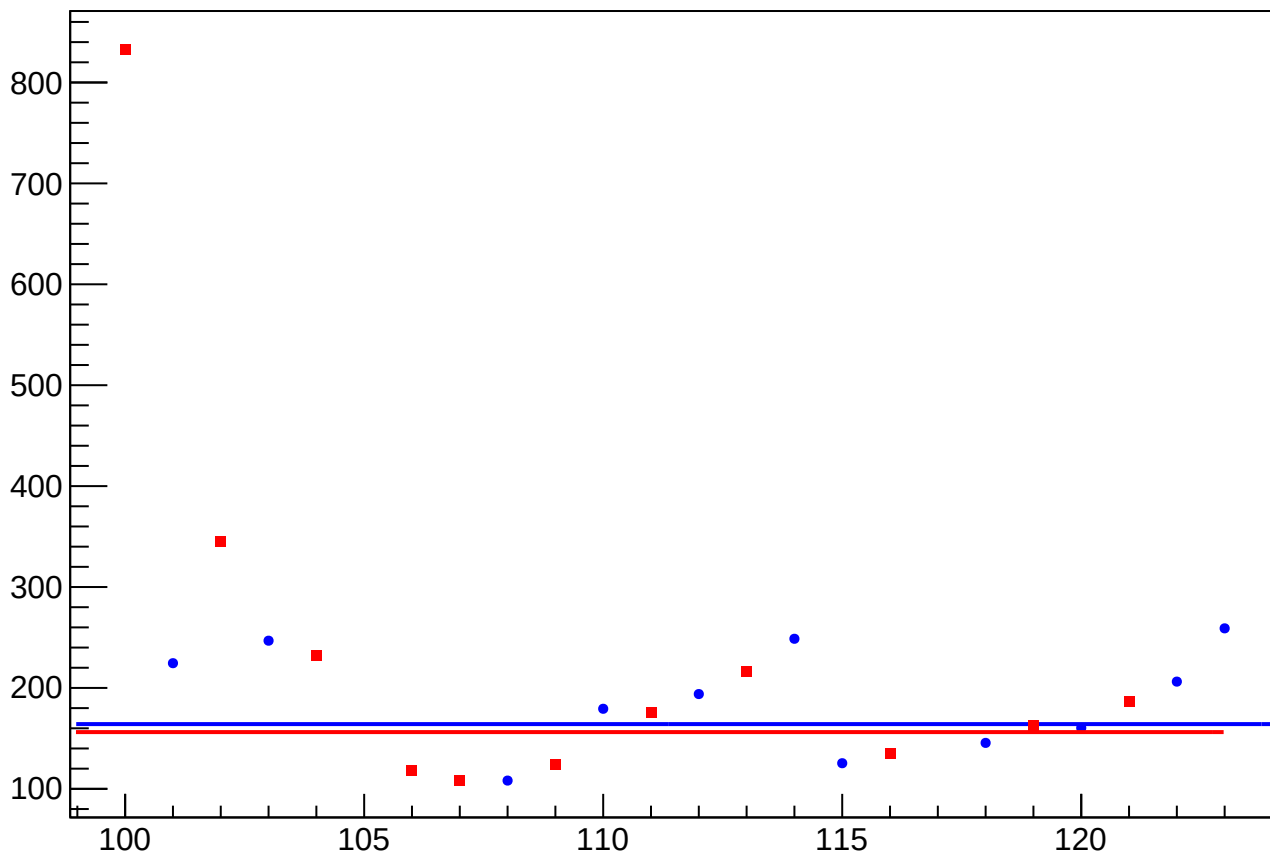
Right: -0.014 ± 0.059 χ^2/NDF : 31.4/21

In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.059 χ^2/NDF : 31.4/21

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.164+/-0.060 χ^2/NDF : 561743.6/10

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

Right Out: 156.238+/-0.057 χ^2/NDF : 755282.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

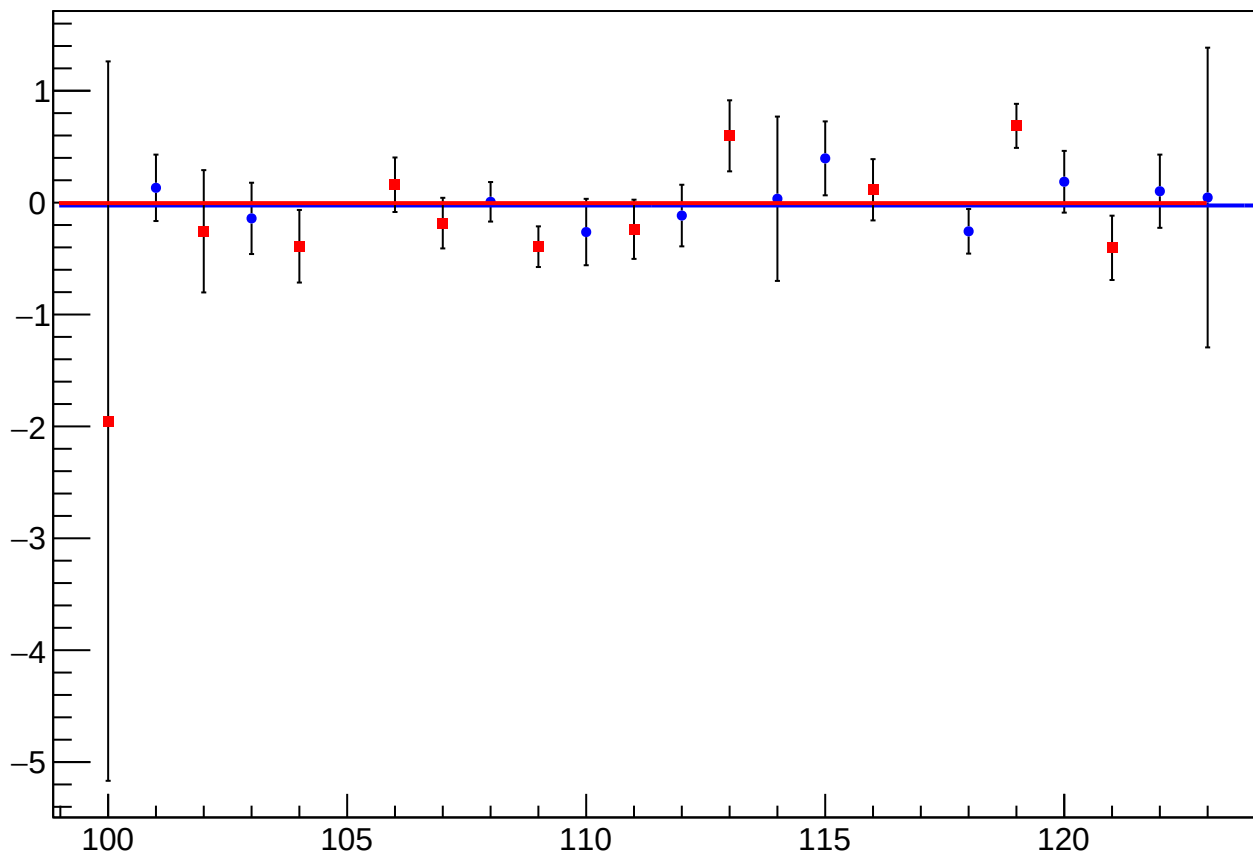
Right: 159.956+/-0.041 χ^2/NDF : 1326163.8/21

In: 164.164+/-0.060 χ^2/NDF : 561743.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.956+/-0.041 χ^2/NDF : 1326163.8/21

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

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

Right Out: -0.004 ± 0.080 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

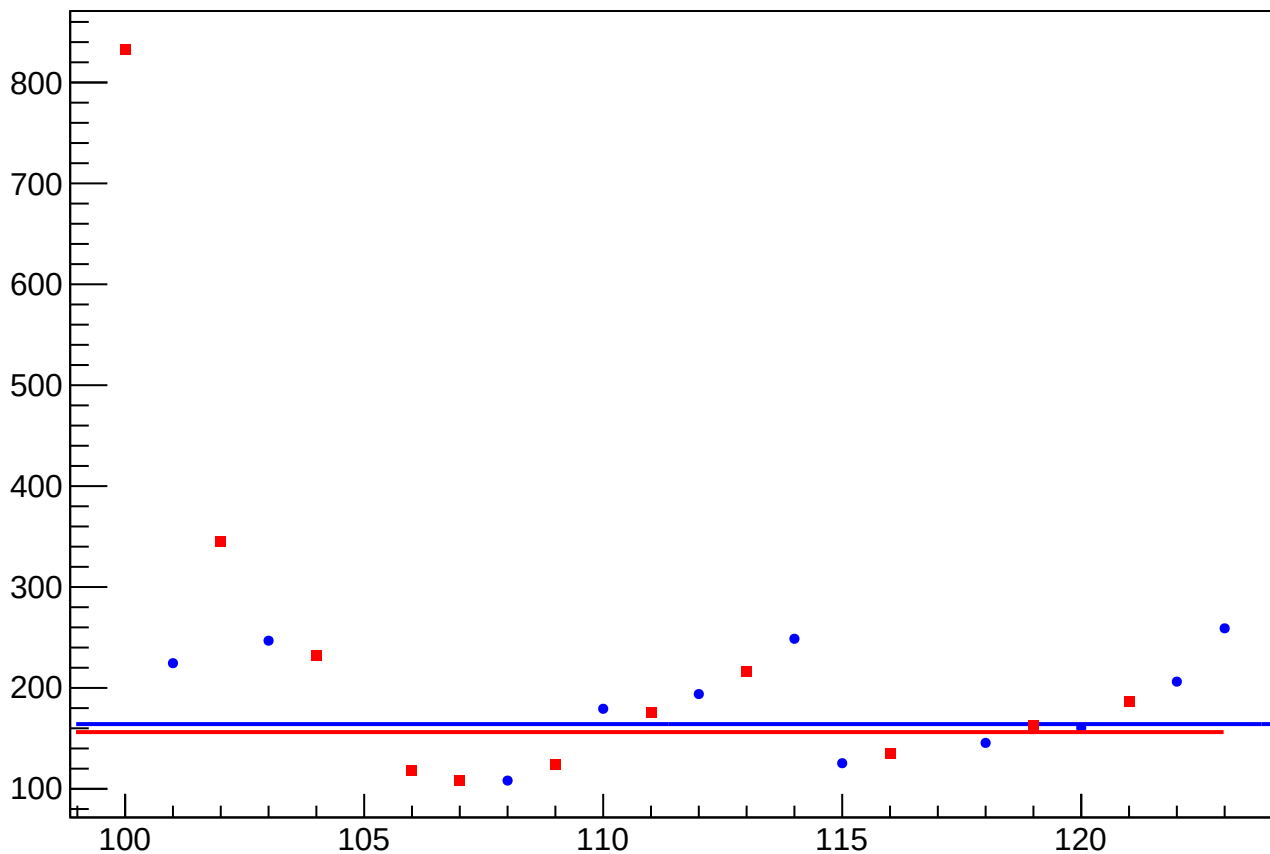
Right: -0.014 ± 0.059 χ^2/NDF : 31.4/21

In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.059 χ^2/NDF : 31.4/21

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.164+/-0.060 χ^2/NDF : 561743.6/10

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

Right Out: 156.238+/-0.057 χ^2/NDF : 755282.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

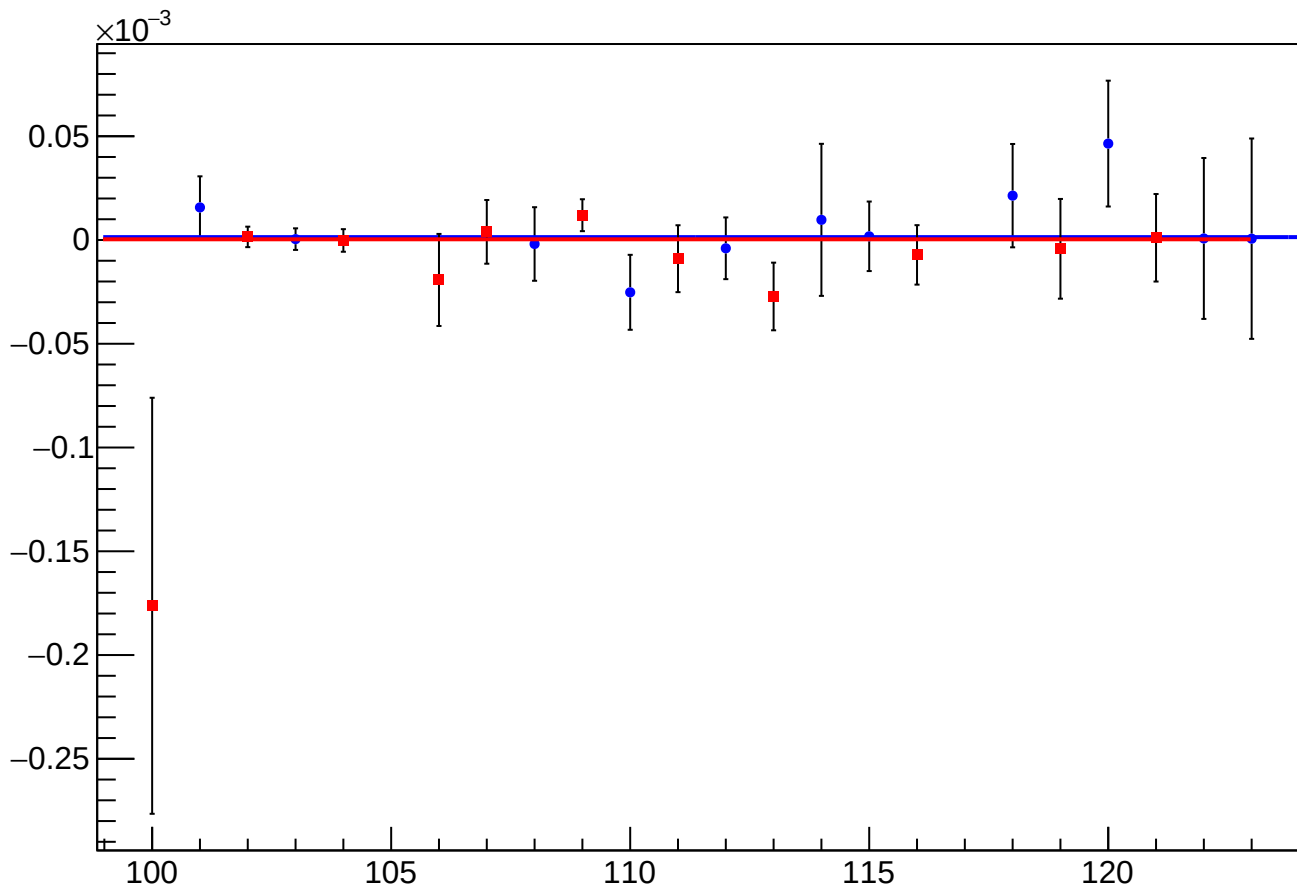
Right: 159.956+/-0.041 χ^2/NDF : 1326163.8/21

In: 164.164+/-0.060 χ^2/NDF :561743.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.956+/-0.041 χ^2/NDF : 1326163.8/21

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/10

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

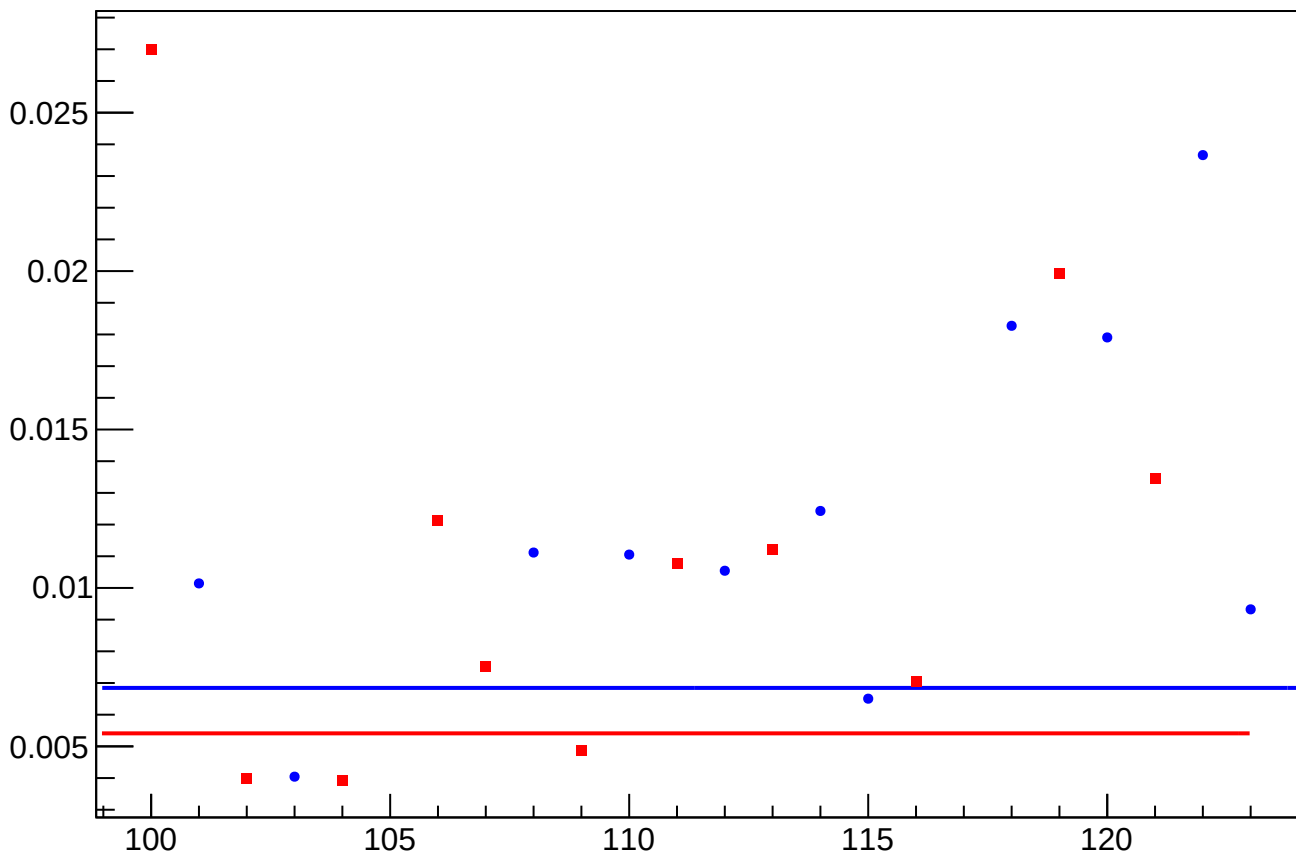
Right: 0.000+/-0.000 χ^2/NDF : 16.0/21

In: 0.000+/-0.000 χ^2/NDF : 6.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/21

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2142089.0/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 2164778.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

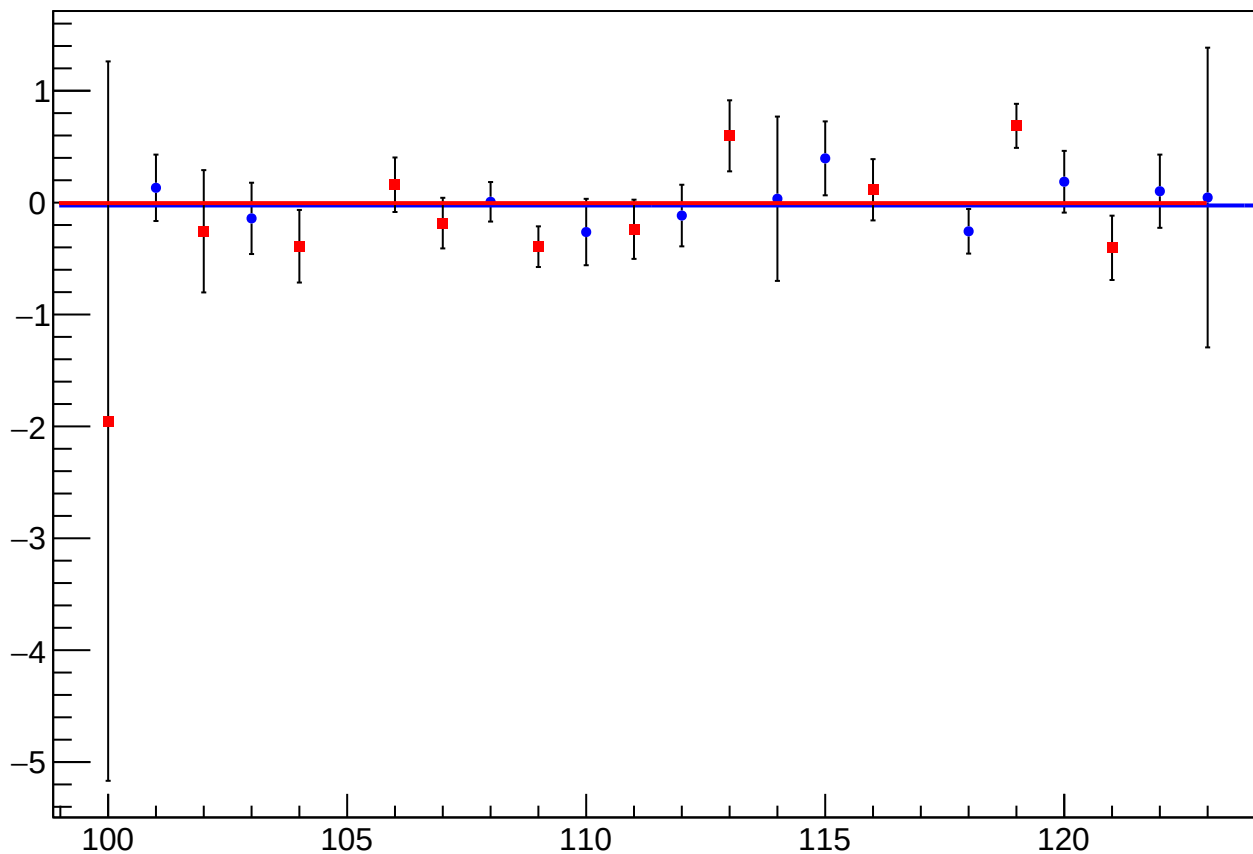
Right: 0.006+/-0.000 χ^2/NDF : 4469425.6/21

In: 0.007+/-0.000 χ^2/NDF :2142089.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4469425.6/21

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

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

Right Out: -0.004 ± 0.080 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

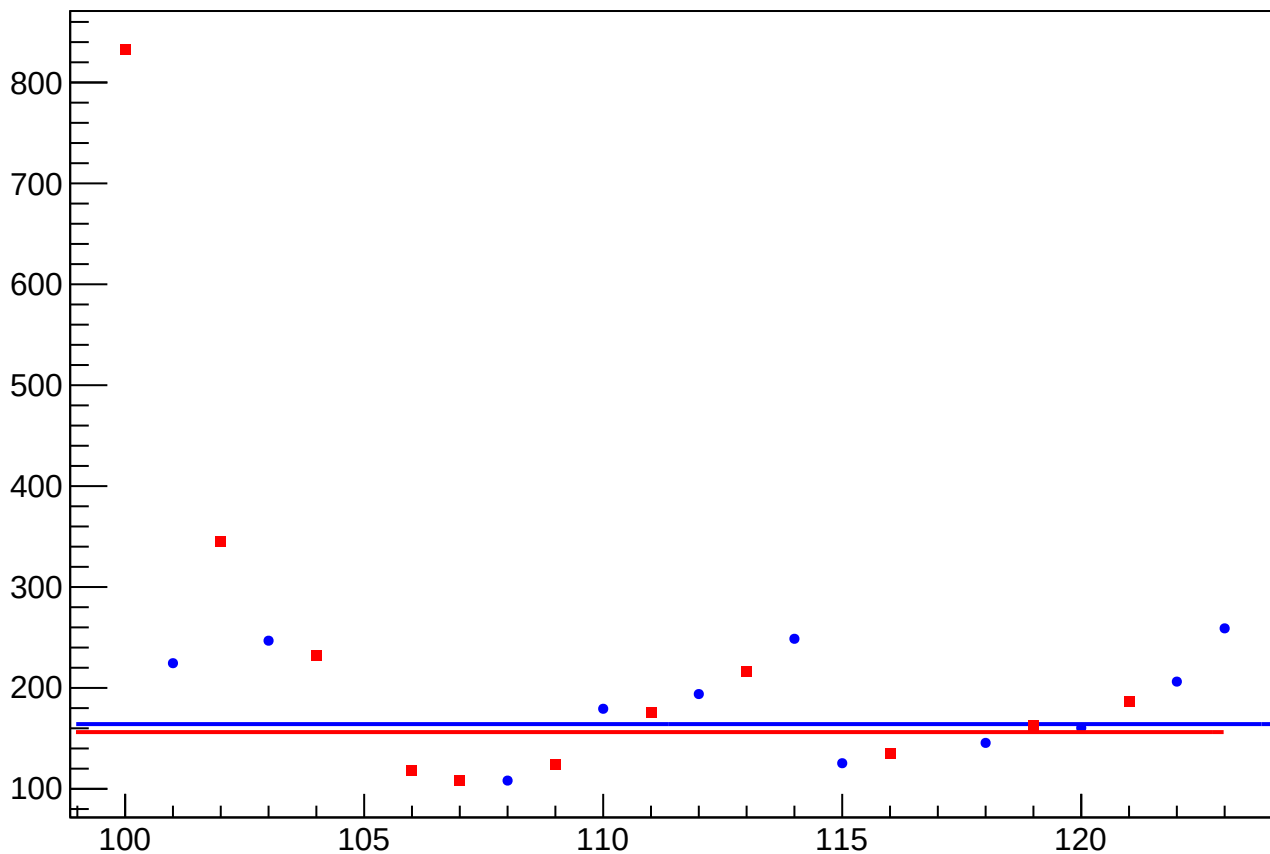
Right: -0.014 ± 0.059 χ^2/NDF : 31.4/21

In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.059 χ^2/NDF : 31.4/21

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.161+/-0.060 χ^2/NDF : 561797.1/10

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

Right Out: 156.239+/-0.057 χ^2/NDF : 755285.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

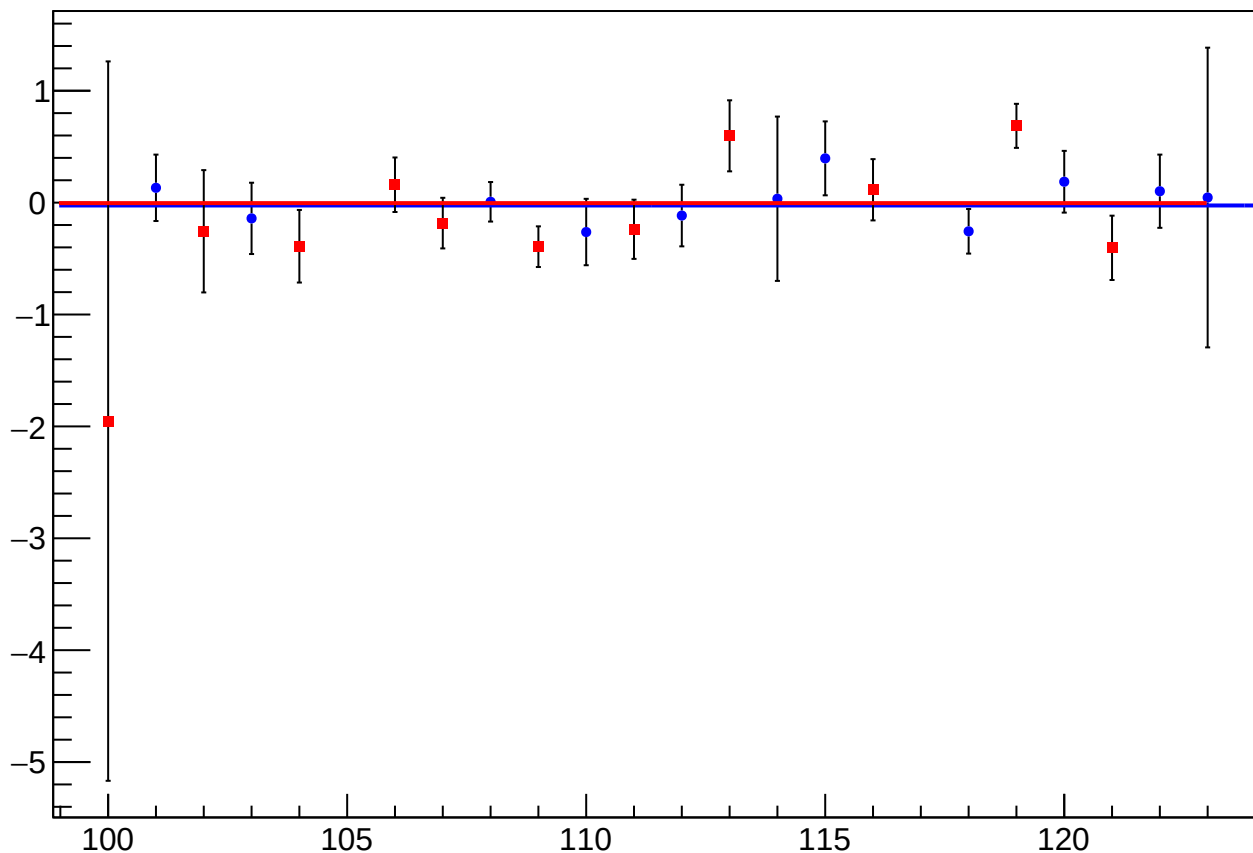
Right: 159.955+/-0.041 χ^2/NDF : 1326213.5/21

In: 164.161+/-0.060 χ^2/NDF : 561797.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.955+/-0.041 χ^2/NDF : 1326213.5/21

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

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

Right Out: -0.004 ± 0.080 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

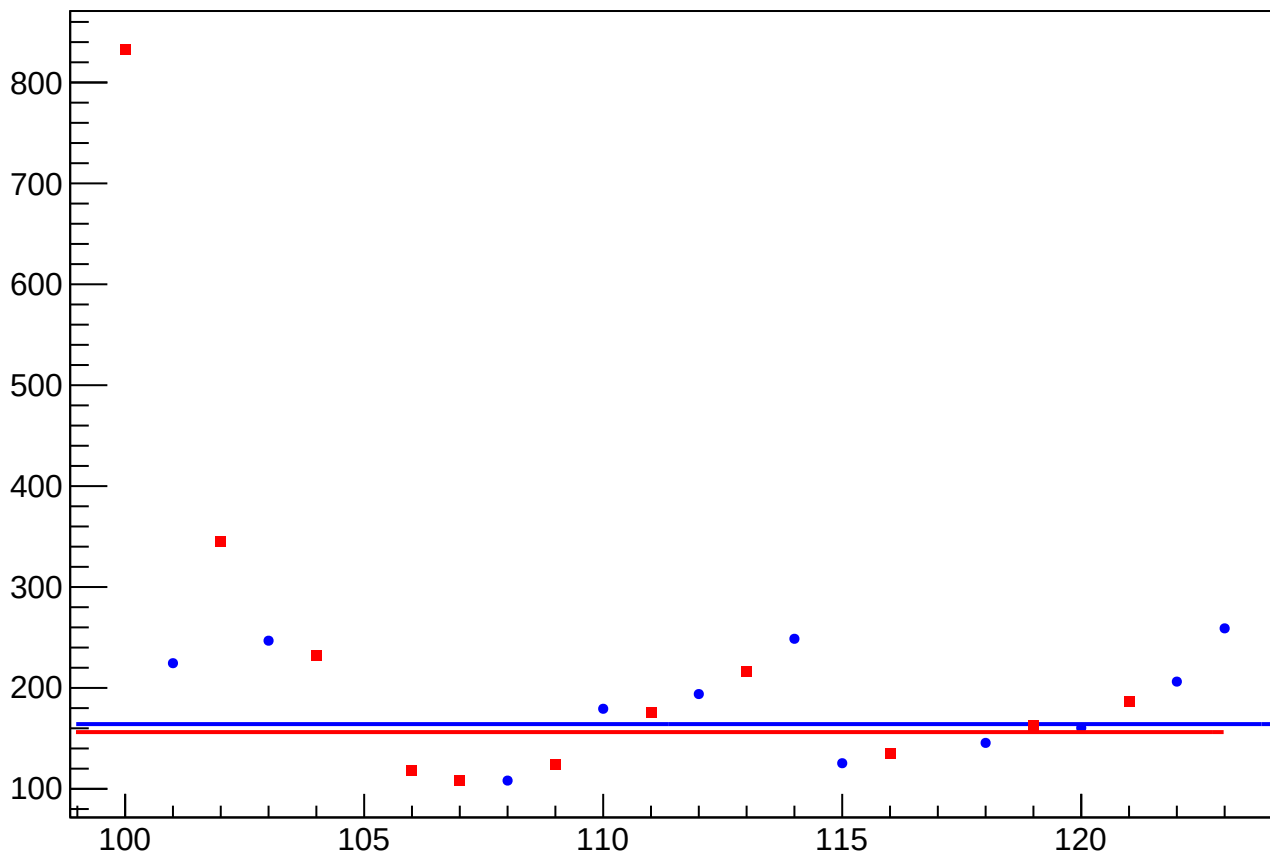
Right: -0.014 ± 0.059 χ^2/NDF : 31.4/21

In: -0.025 ± 0.085 χ^2/NDF : 4.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.059 χ^2/NDF : 31.4/21

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.161+/-0.060 χ^2/NDF : 561797.1/10

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

Right Out: 156.239+/-0.057 χ^2/NDF : 755285.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

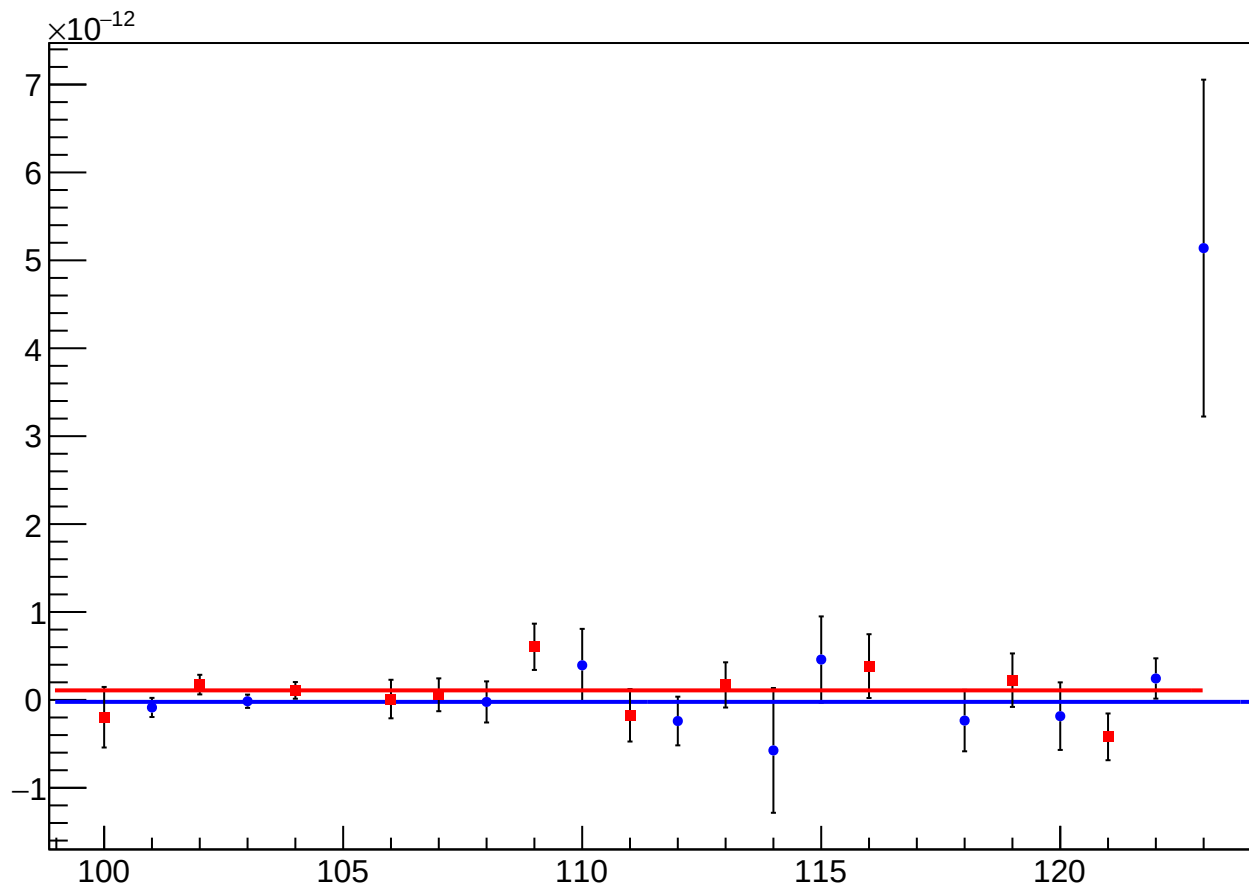
Right: 159.955+/-0.041 χ^2/NDF : 1326213.5/21

In: 164.161+/-0.060 χ^2/NDF : 561797.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.955+/-0.041 χ^2/NDF : 1326213.5/21

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.7/10

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

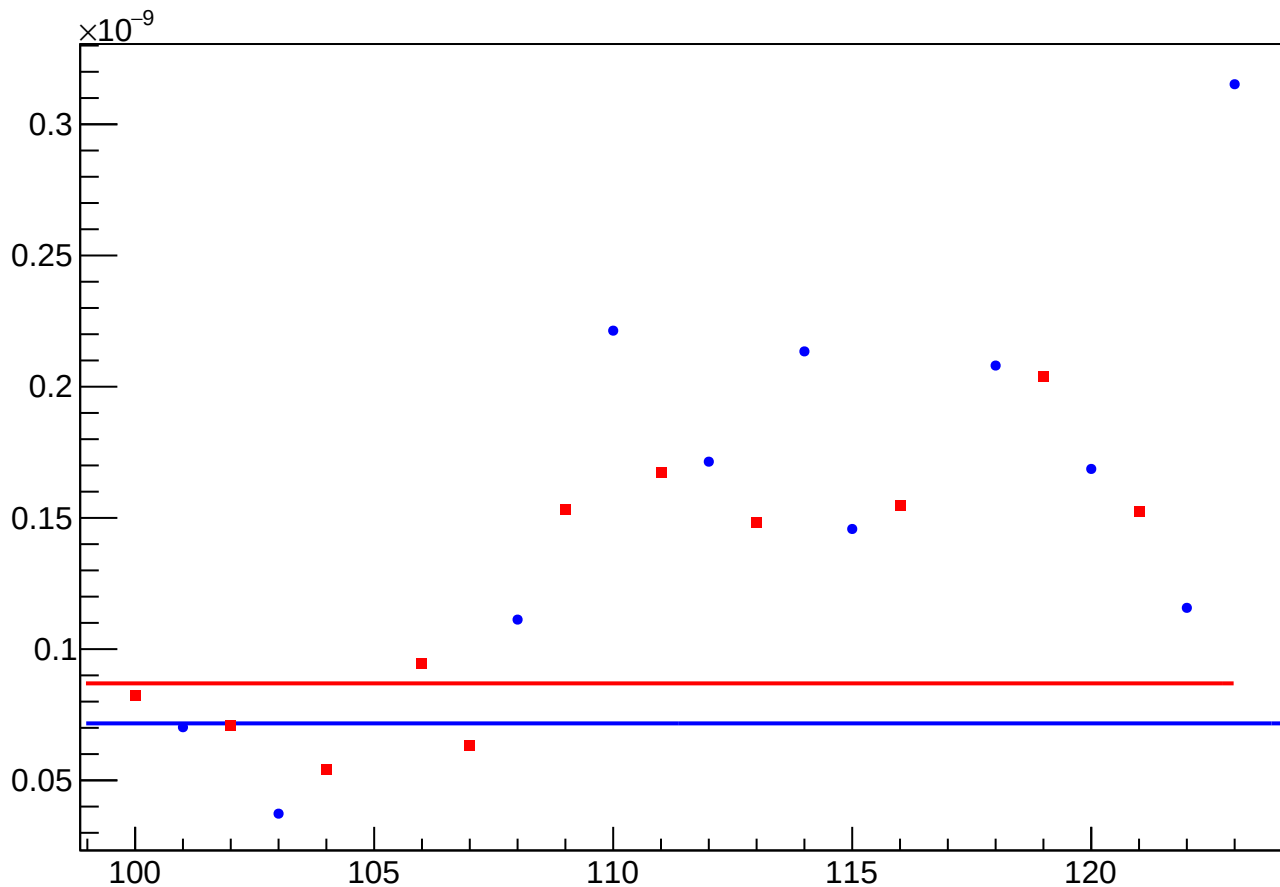
Right: 0.000+/-0.000 χ^2 /NDF: 26.1/21

In: -0.000+/-0.000 χ^2 /NDF:12.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.1/21

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1657408.1/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1184392.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

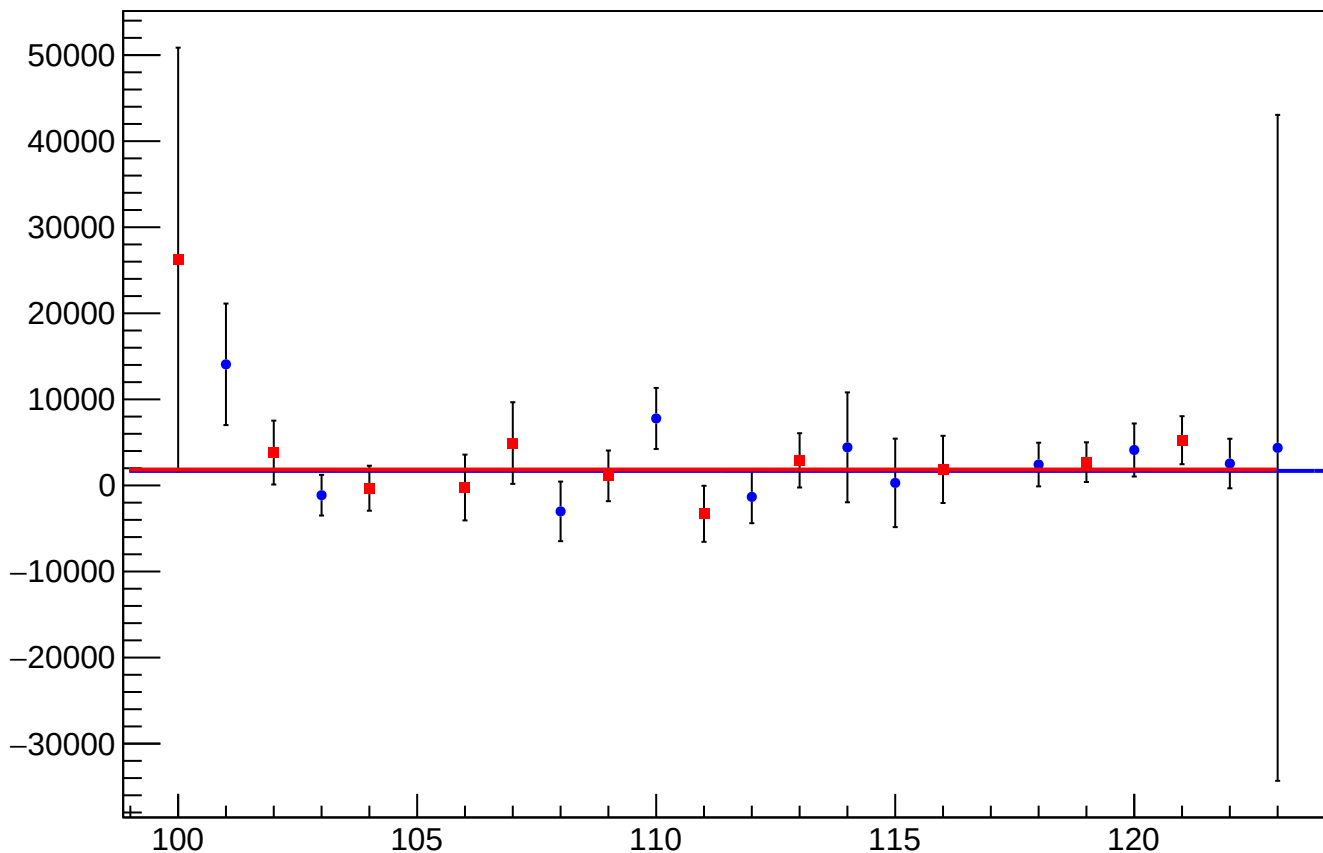
Right: 0.000+/-0.000 χ^2/NDF : 2918535.9/21

In: 0.000+/-0.000 χ^2/NDF : 1657408.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2918535.9/21

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1692.204+/-1046.397 χ^2/NDF : 11.3/10

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

Right Out: 1845.973+/-987.128 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

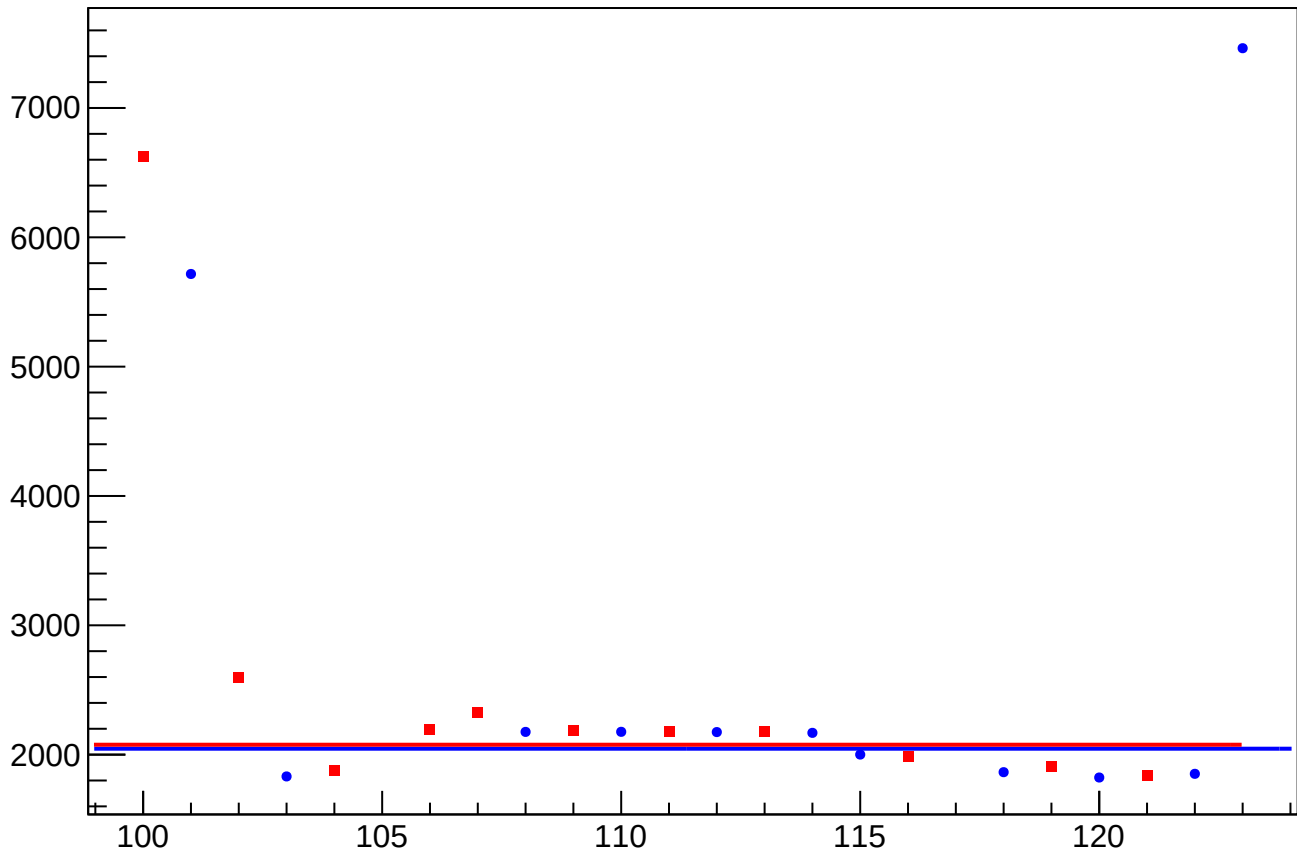
Right: 1773.566+/-718.044 χ^2/NDF : 18.3/21

In: 1692.204+/-1046.397 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1773.566+/-718.044 χ^2/NDF : 18.3/21

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2045.849+/-0.740 χ^2/NDF : 636140.3/10

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

Right Out: 2076.628+/-0.698 χ^2/NDF : 158048.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

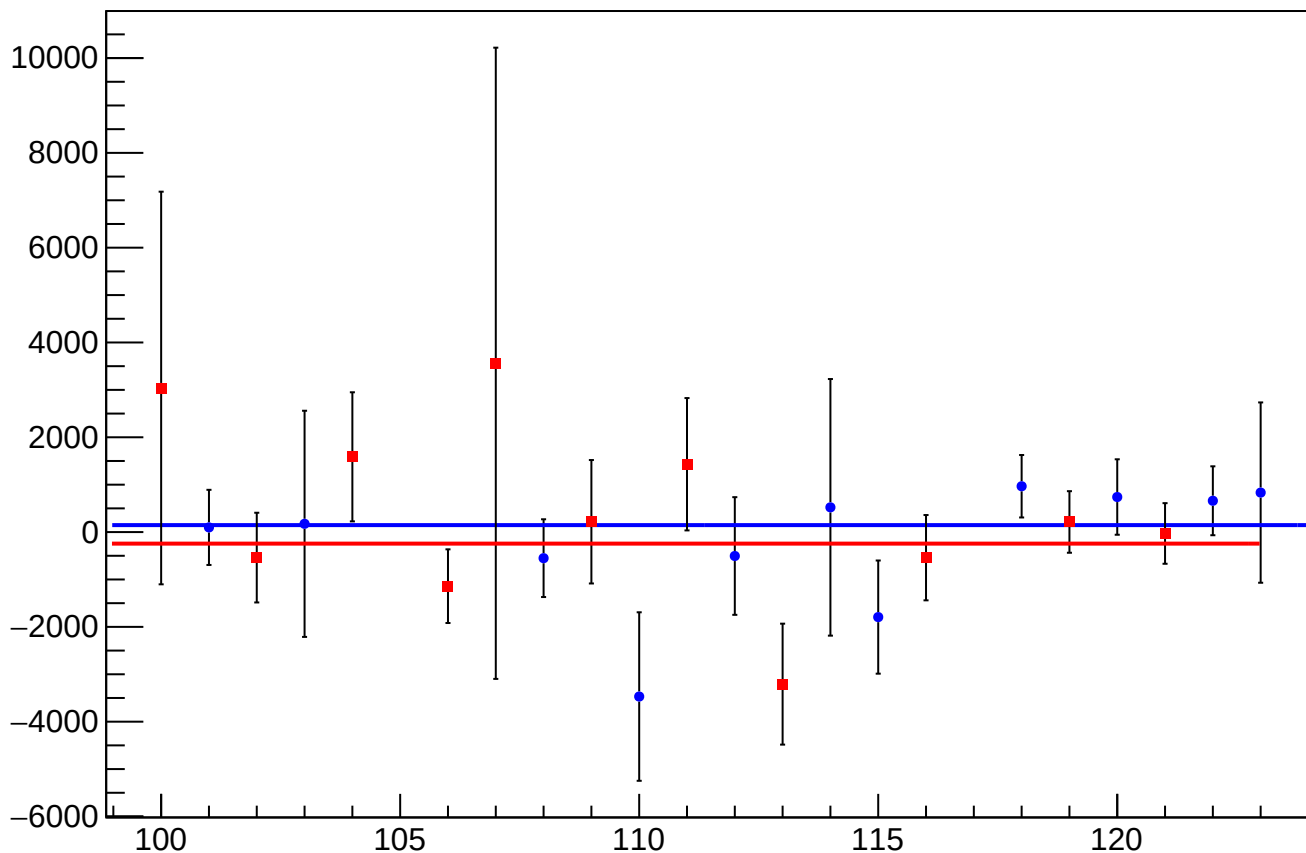
Right: 2062.135+/-0.508 χ^2/NDF : 795103.9/21

In: 2045.849+/-0.740 χ^2/NDF : 636140.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.135+/-0.508 χ^2/NDF : 795103.9/21

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 146.936+/-300.038 χ^2/NDF : 10.5/10

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

Right Out: -243.542+/-299.327 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

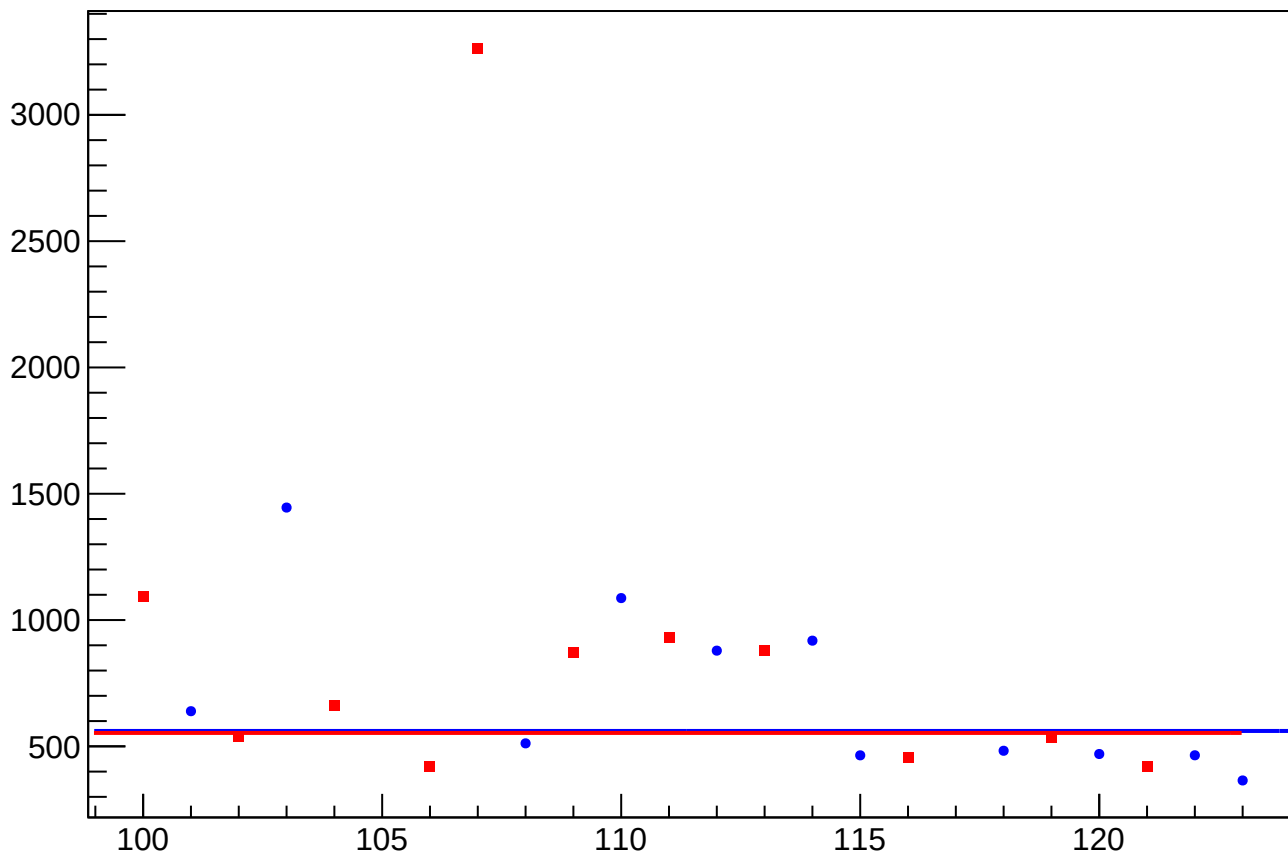
Right: -48.766+/-211.907 χ^2/NDF : 23.3/21

In: 146.936+/-300.038 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.766+/-211.907 χ^2/NDF : 23.3/21

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 560.890+/-0.212 χ^2/NDF : 766802.4/10

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

Right Out: 553.107+/-0.212 χ^2/NDF : 947103.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

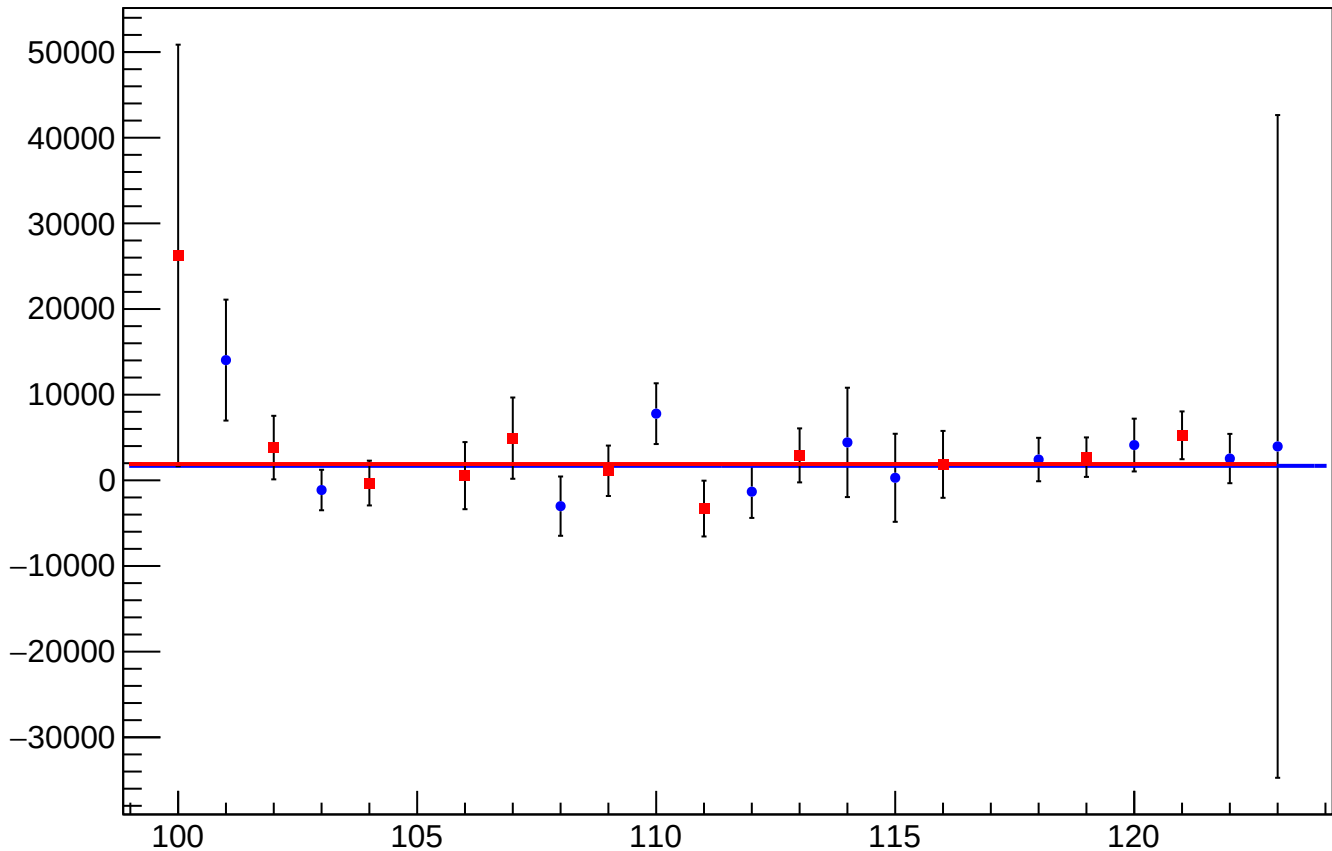
Right: 556.990+/-0.150 χ^2/NDF : 1714580.3/21

In: 560.890+/-0.212 χ^2/NDF : 766802.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.990+/-0.150 χ^2/NDF : 1714580.3/21

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1691.329+/-1046.397 χ^2 /NDF: 11.3/10

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

Right Out: 1903.364+/-988.694 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

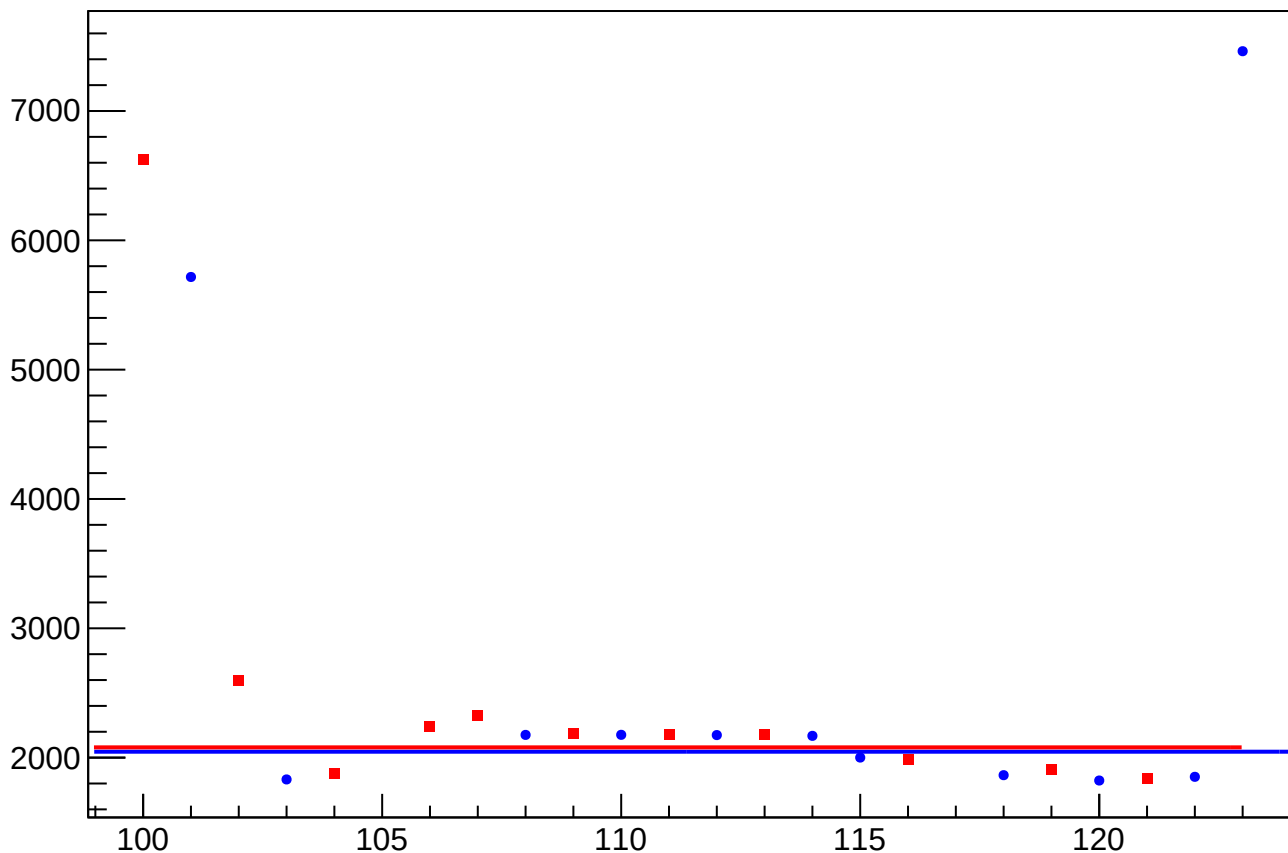
Right: 1803.354+/-718.646 χ^2 /NDF: 18.1/21

In: 1691.329+/-1046.397 χ^2 /NDF:11.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1803.354+/-718.646 χ^2 /NDF: 18.1/21

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2045.849+/-0.740 χ^2/NDF : 636140.8/10

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

Right Out: 2079.473+/-0.699 χ^2/NDF : 159797.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

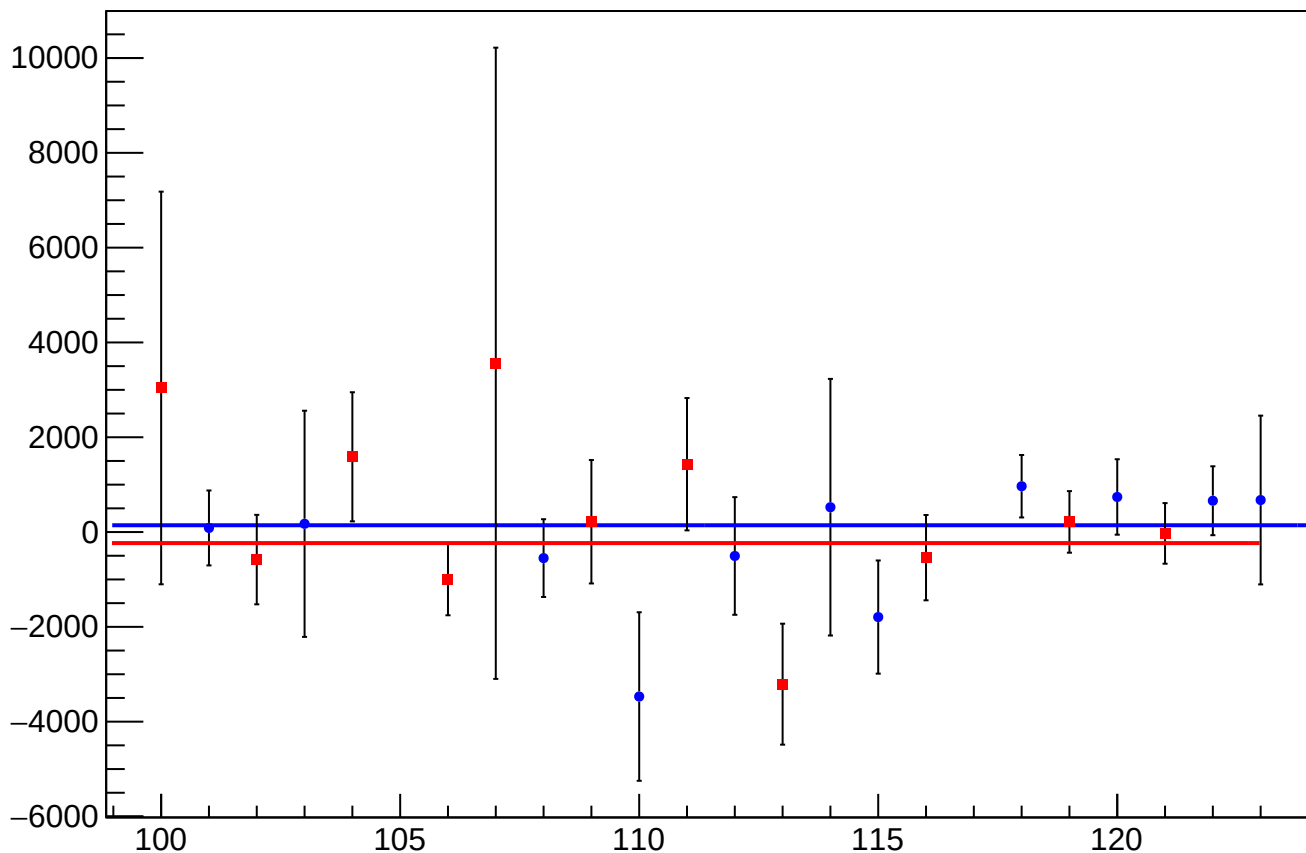
Right: 2063.613+/-0.508 χ^2/NDF : 797029.4/21

In: 2045.849+/-0.740 χ^2/NDF : 636140.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2063.613+/-0.508 χ^2/NDF : 797029.4/21

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.284+/-299.404 χ^2/NDF : 10.5/10

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

Right Out: -232.735+/-298.069 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

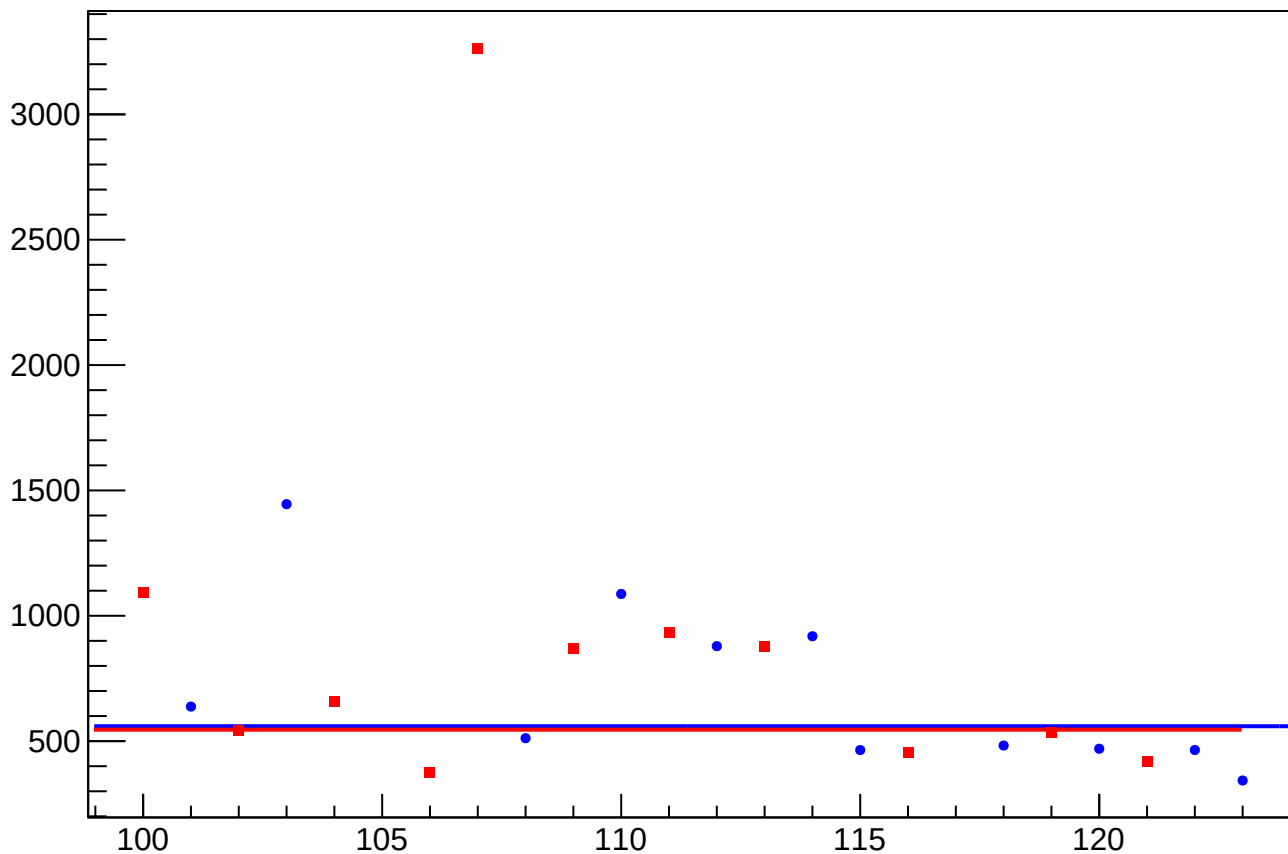
Right: -45.566+/-211.237 χ^2/NDF : 22.9/21

In: 143.284+/-299.404 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.566+/-211.237 χ^2/NDF : 22.9/21

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.443+/-0.212 χ^2/NDF : 774846.6/10

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

Right Out: 545.646+/-0.211 χ^2/NDF : 997014.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

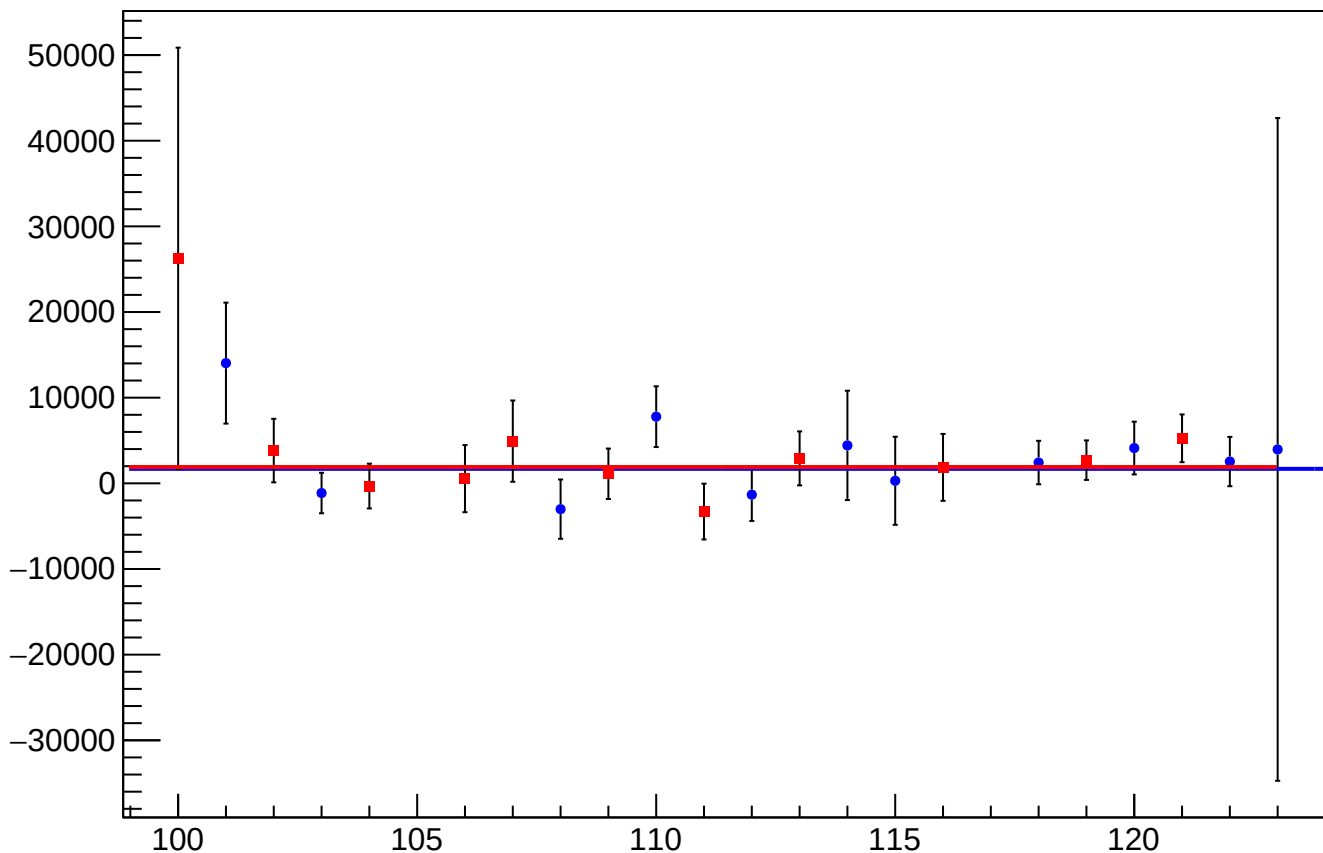
Right: 552.514+/-0.149 χ^2/NDF : 1773993.7/21

In: 559.443+/-0.212 χ^2/NDF : 774846.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.514+/-0.149 χ^2/NDF : 1773993.7/21

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1691.329+/-1046.397 χ^2/NDF : 11.3/10

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

Right Out: 1903.364+/-988.694 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

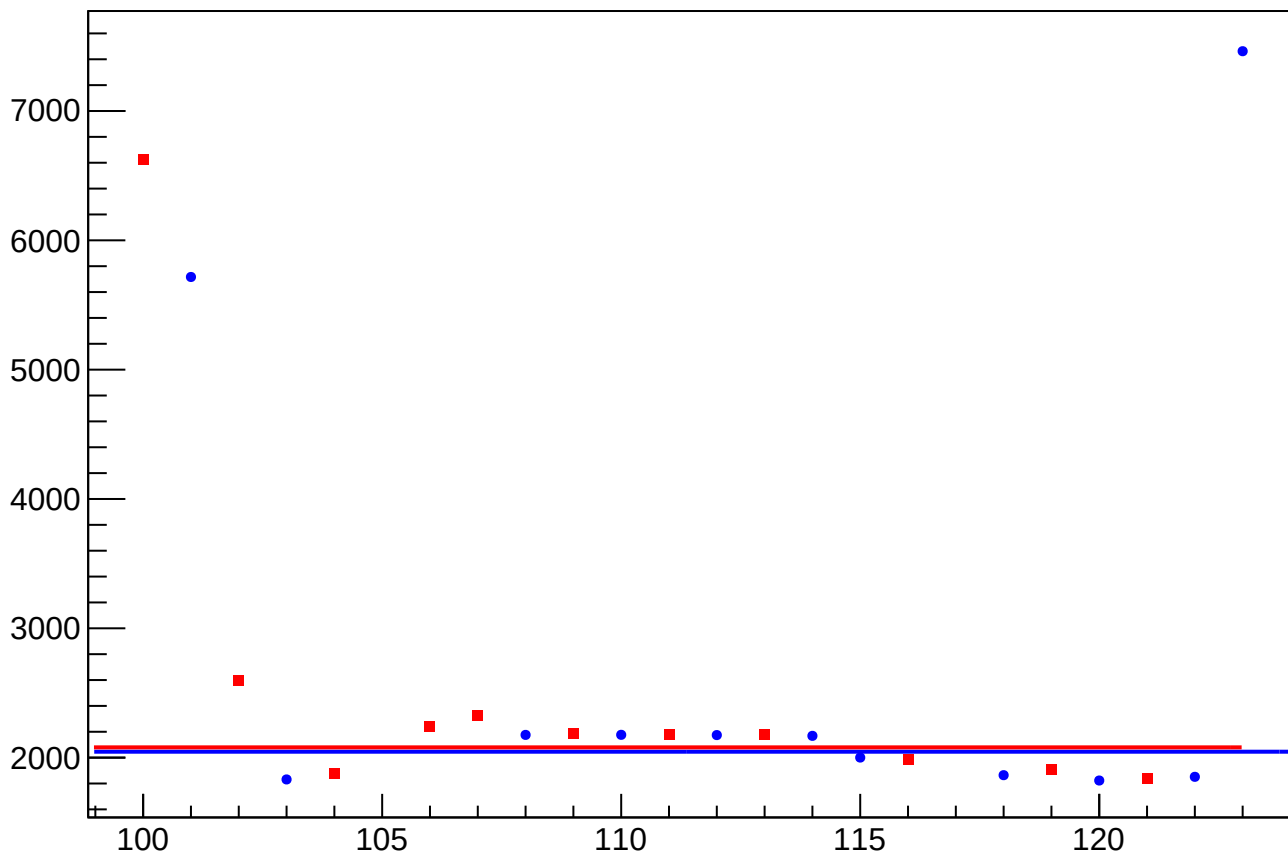
Right: 1803.354+/-718.646 χ^2/NDF : 18.1/21

In: 1691.329+/-1046.397 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1803.354+/-718.646 χ^2/NDF : 18.1/21

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2045.849+/-0.740 χ^2/NDF : 636140.8/10

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

Right Out: 2079.473+/-0.699 χ^2/NDF : 159797.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

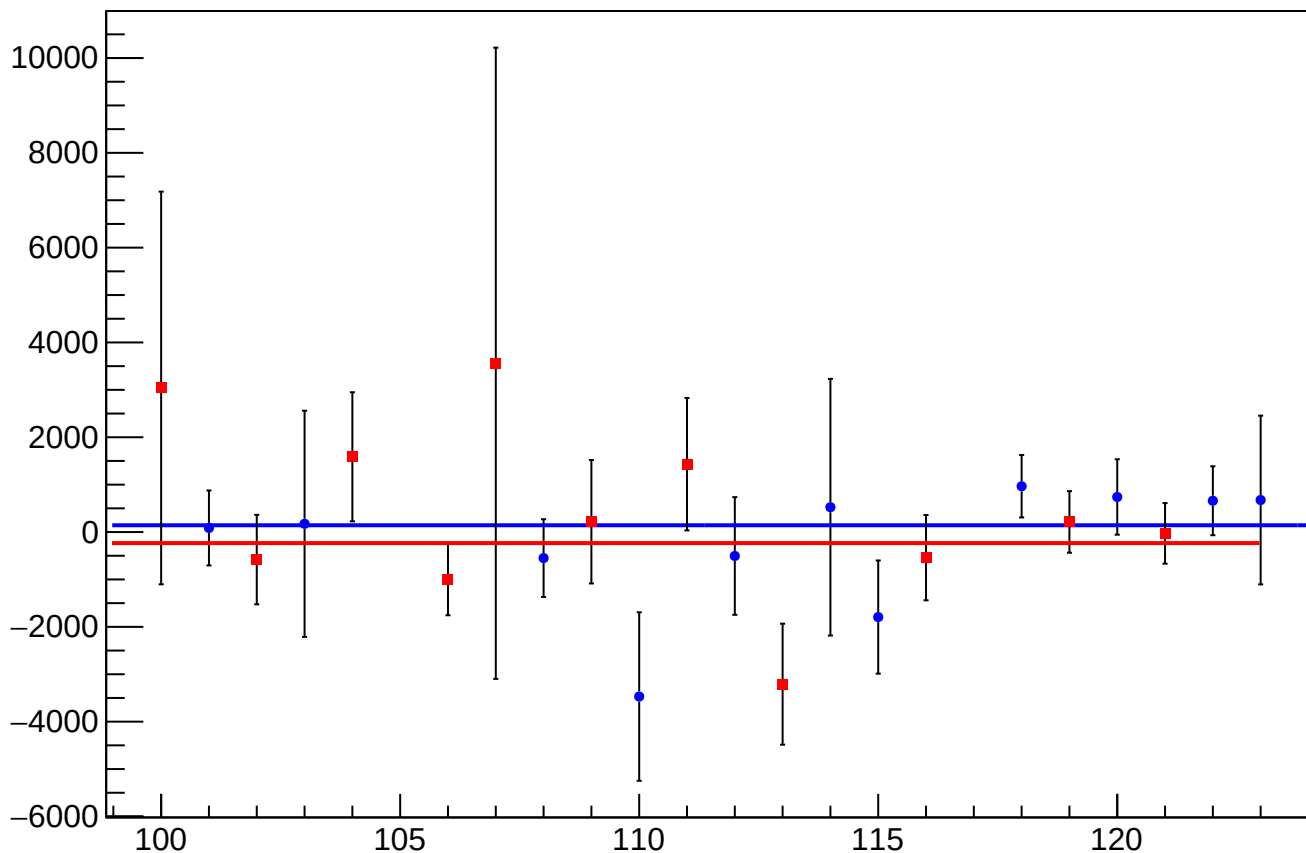
Right: 2063.613+/-0.508 χ^2/NDF : 797029.4/21

In: 2045.849+/-0.740 χ^2/NDF : 636140.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2063.613+/-0.508 χ^2/NDF : 797029.4/21

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.284+/-299.404 χ^2/NDF : 10.5/10

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

Right Out: -232.735+/-298.069 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

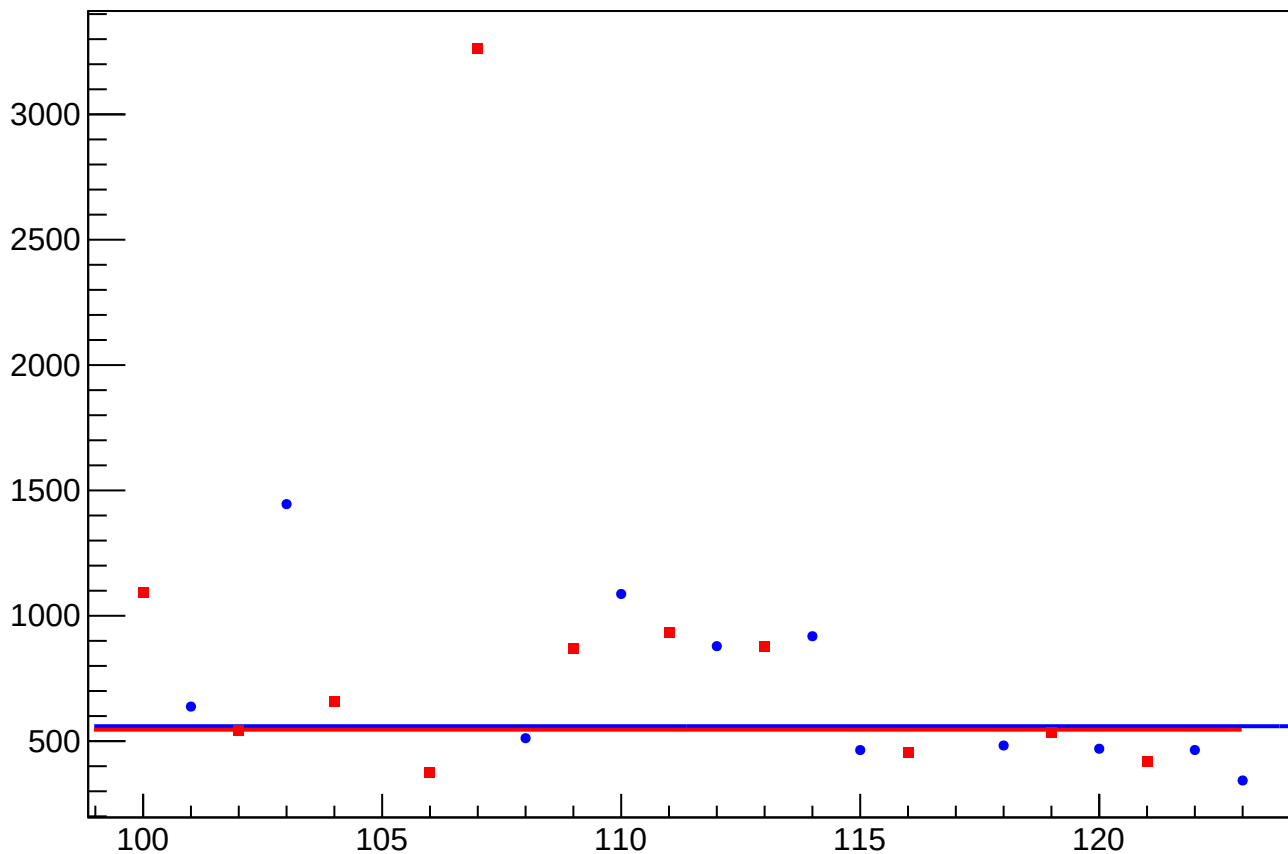
Right: -45.566+/-211.237 χ^2/NDF : 22.9/21

In: 143.284+/-299.404 χ^2/NDF :10.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -45.566+/-211.237 χ^2/NDF : 22.9/21

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.443+/-0.212 χ^2/NDF : 774846.6/10

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

Right Out: 545.646+/-0.211 χ^2/NDF : 997014.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

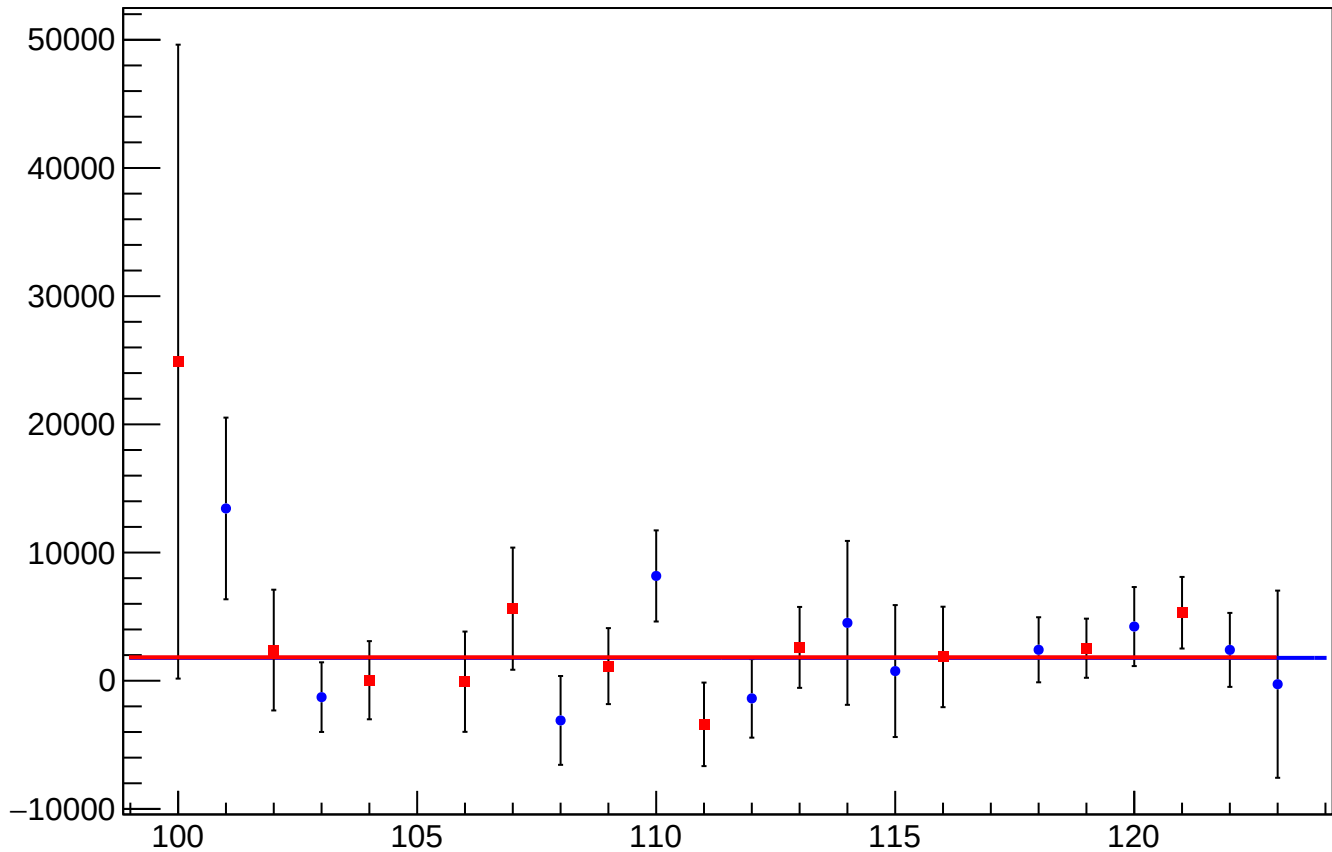
Right: 552.514+/-0.149 χ^2/NDF : 1773993.7/21

In: 559.443+/-0.212 χ^2/NDF : 774846.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.514+/-0.149 χ^2/NDF : 1773993.7/21

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1782.713+/-1062.485 χ^2/NDF : 11.3/10

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

Right Out: 1828.785+/-1024.201 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

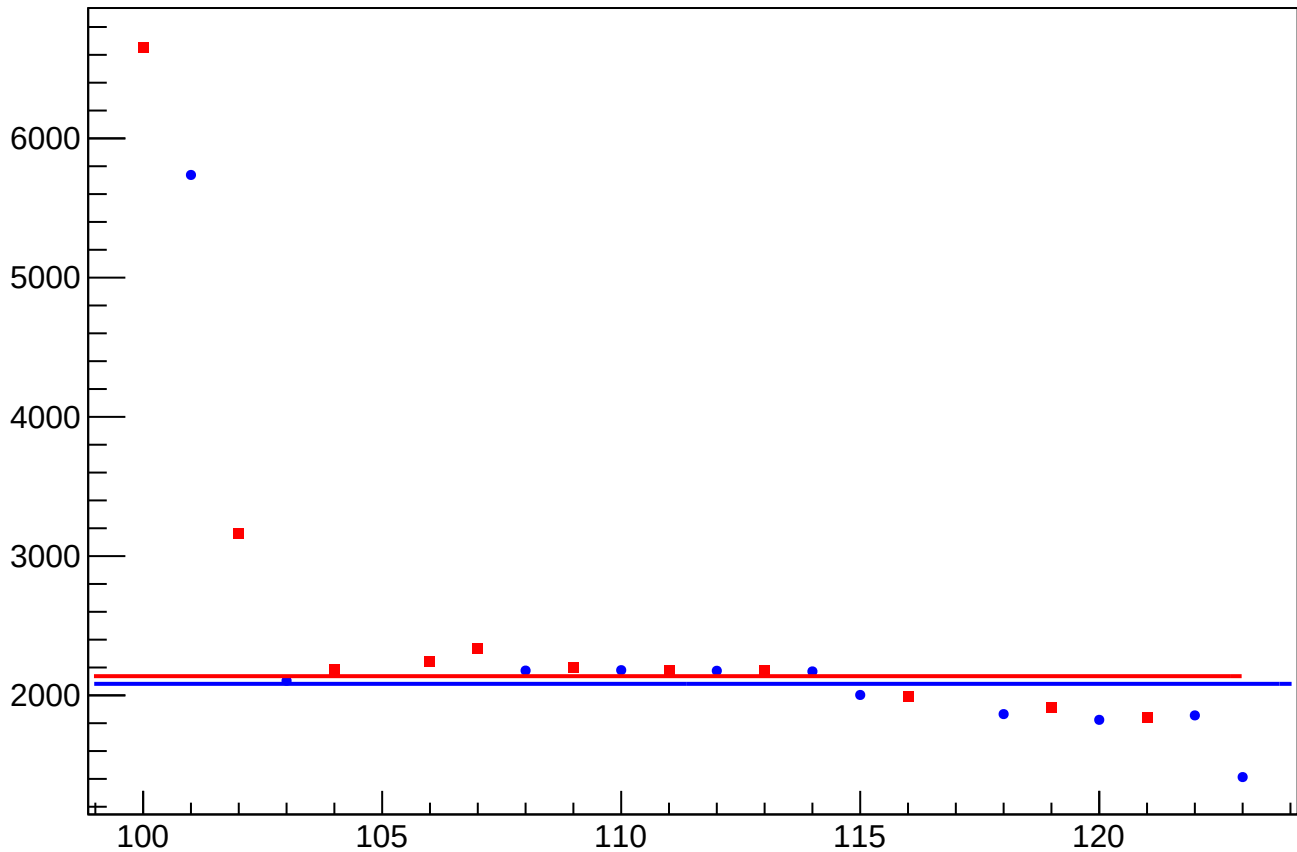
Right: 1806.594+/-737.383 χ^2/NDF : 17.7/21

In: 1782.713+/-1062.485 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.594+/-737.383 χ^2/NDF : 17.7/21

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2082.686+/-0.751 χ^2/NDF : 595844.5/10

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

Right Out: 2137.753+/-0.724 χ^2/NDF : 212390.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

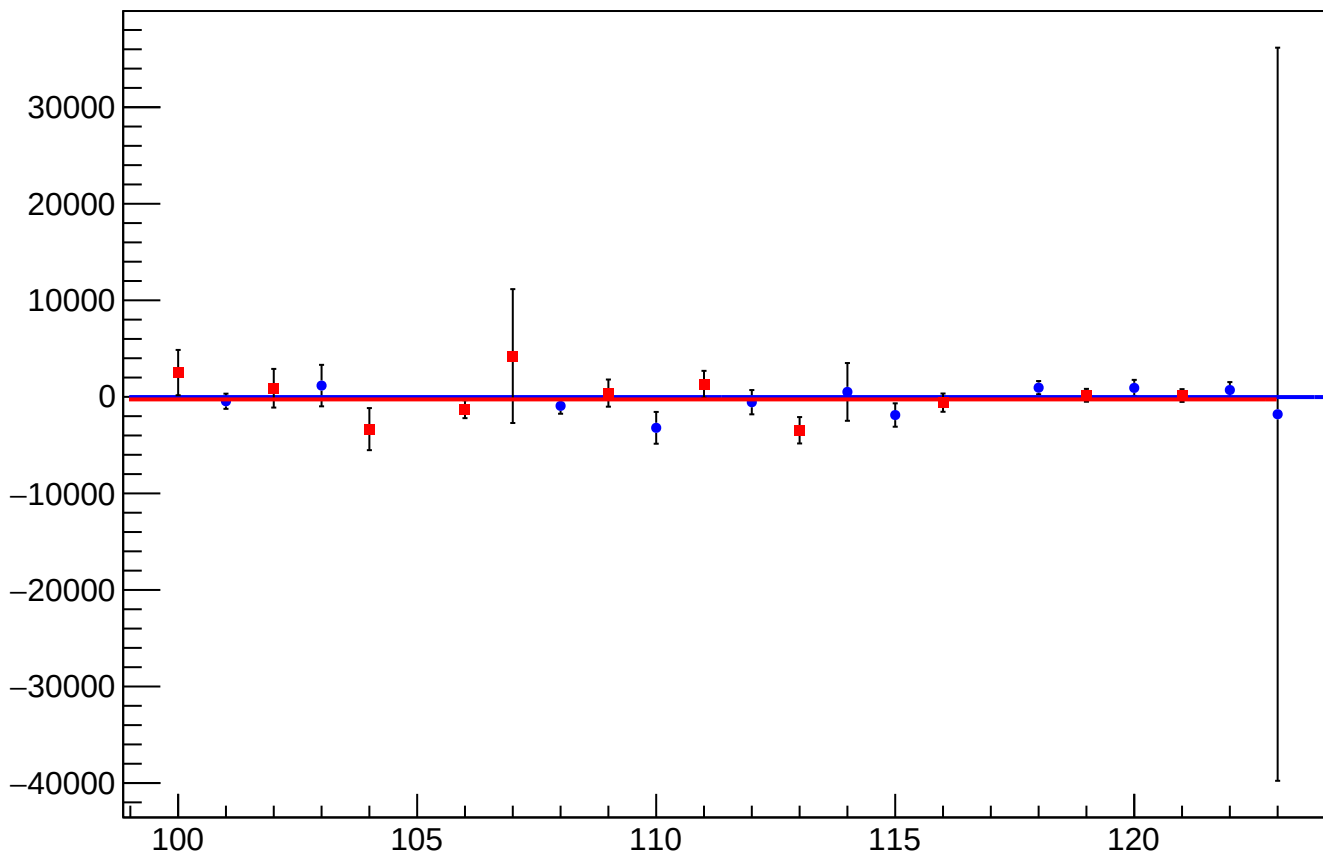
Right: 2111.230+/-0.521 χ^2/NDF : 811019.2/21

In: 2082.686+/-0.751 χ^2/NDF : 595844.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.230+/-0.521 χ^2/NDF : 811019.2/21

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -22.259+/-313.281 χ^2/NDF : 12.3/10

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

Right Out: -263.481+/-332.380 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

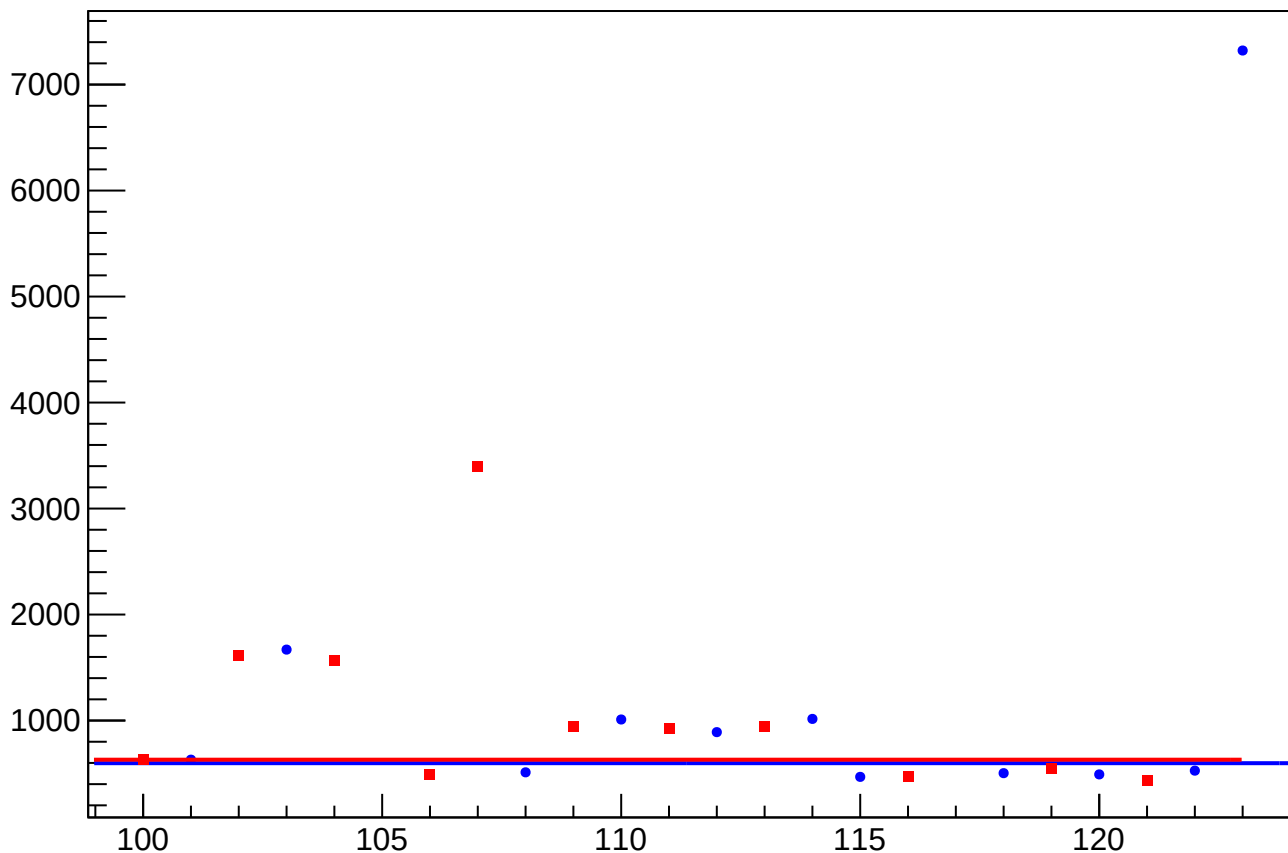
Right: -135.740+/-227.976 χ^2/NDF : 25.8/21

In: -22.259+/-313.281 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.740+/-227.976 χ^2/NDF : 25.8/21

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 597.680+/-0.222 χ^2/NDF : 966515.5/10

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

Right Out: 630.640+/-0.235 χ^2/NDF : 1768149.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

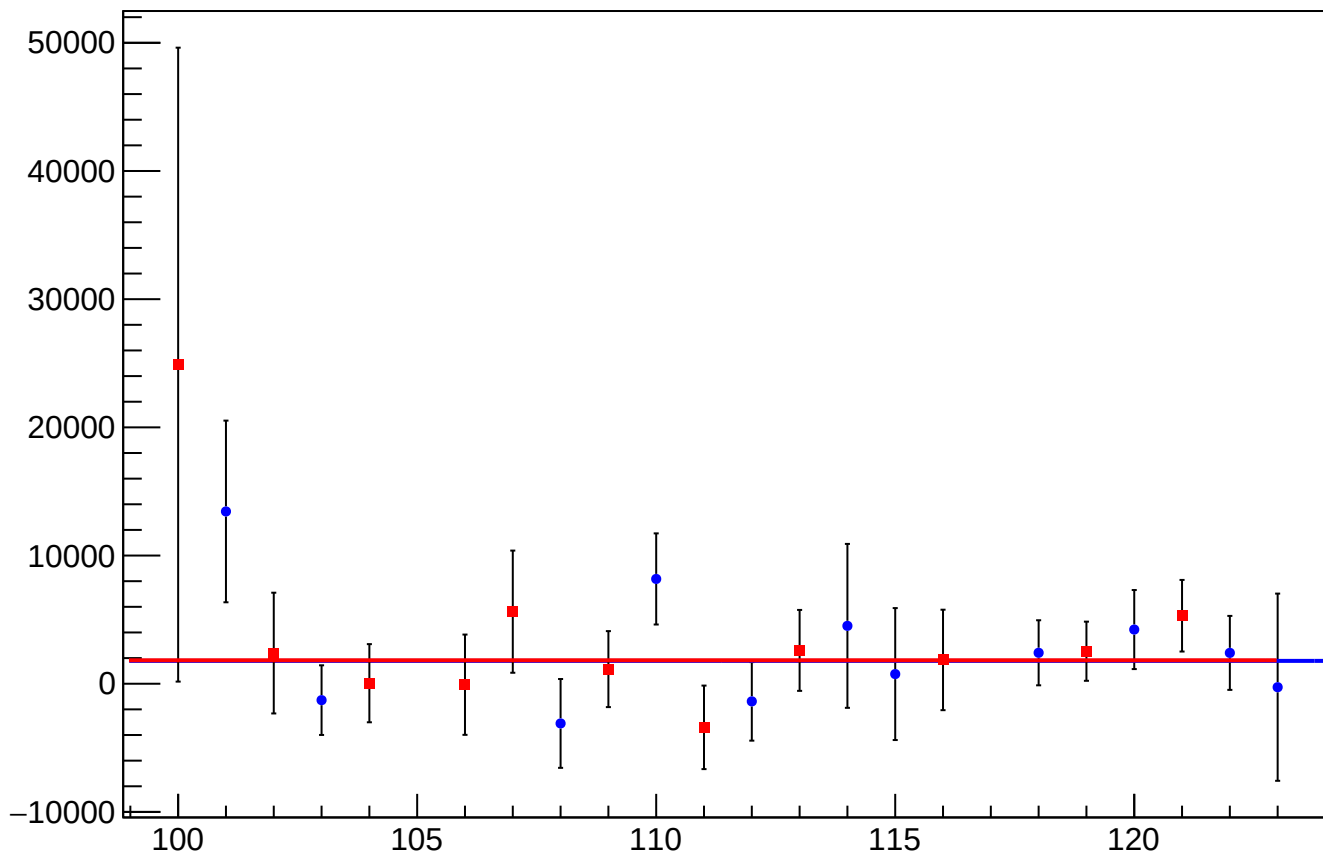
Right: 613.186+/-0.161 χ^2/NDF : 2745078.9/21

In: 597.680+/-0.222 χ^2/NDF : 966515.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.186+/-0.161 χ^2/NDF : 2745078.9/21

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1782.709+/-1062.485 χ^2/NDF : 11.3/10

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

Right Out: 1828.782+/-1024.201 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

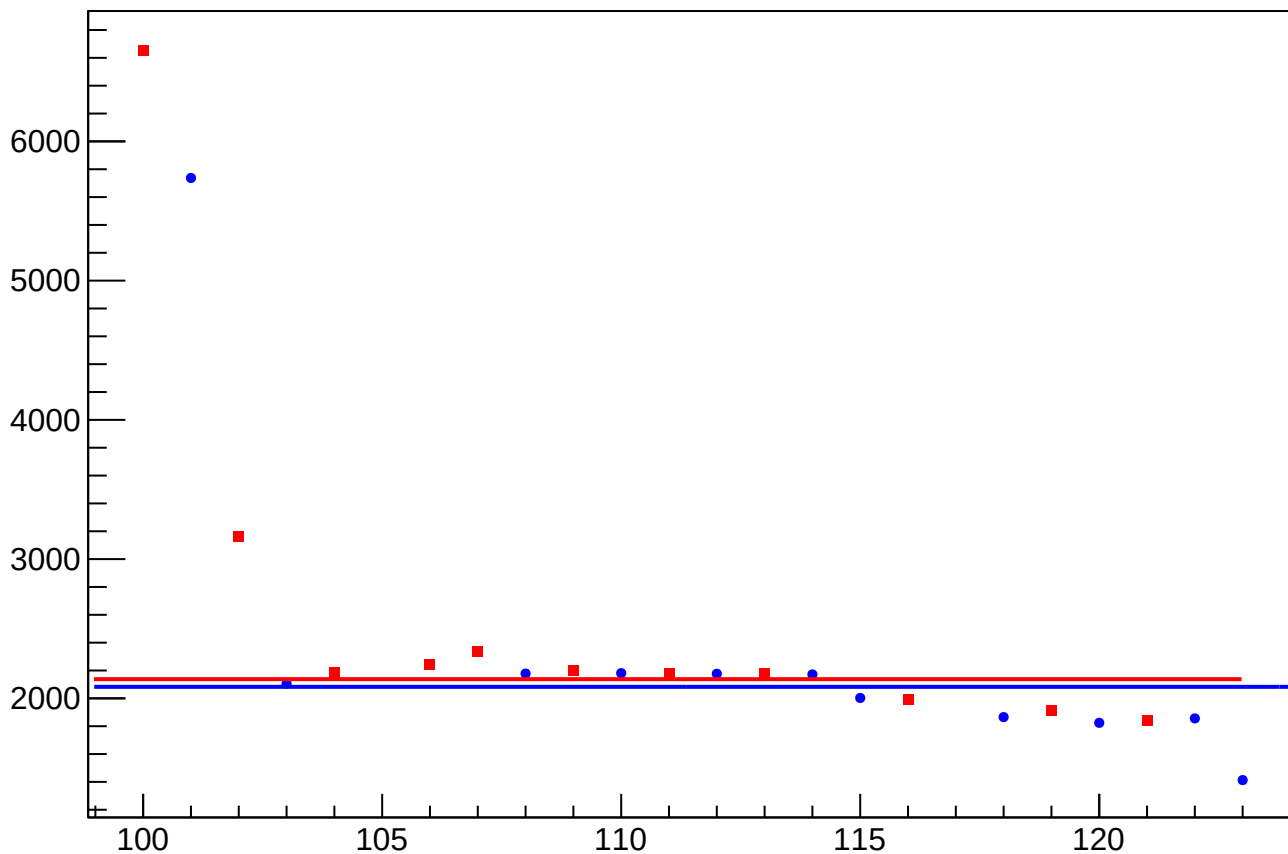
Right: 1806.591+/-737.383 χ^2/NDF : 17.7/21

In: 1782.709+/-1062.485 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.591+/-737.383 χ^2/NDF : 17.7/21

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2082.686+/-0.751 χ^2/NDF : 595844.5/10

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

Right Out: 2137.752+/-0.724 χ^2/NDF : 212389.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

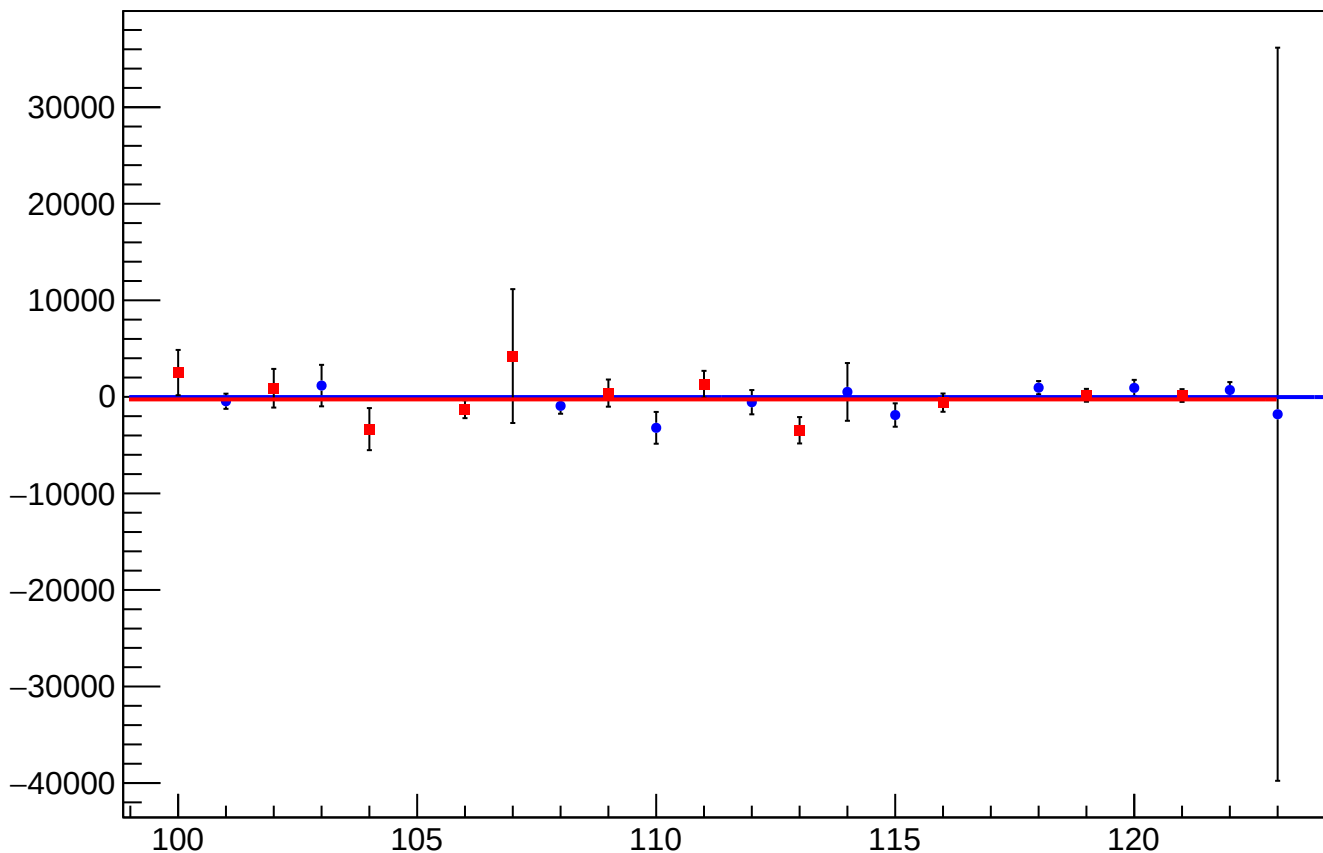
Right: 2111.229+/-0.521 χ^2/NDF : 811018.3/21

In: 2082.686+/-0.751 χ^2/NDF : 595844.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.229+/-0.521 χ^2/NDF : 811018.3/21

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -22.257+/-313.280 χ^2/NDF : 12.3/10

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

Right Out: -263.481+/-332.380 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

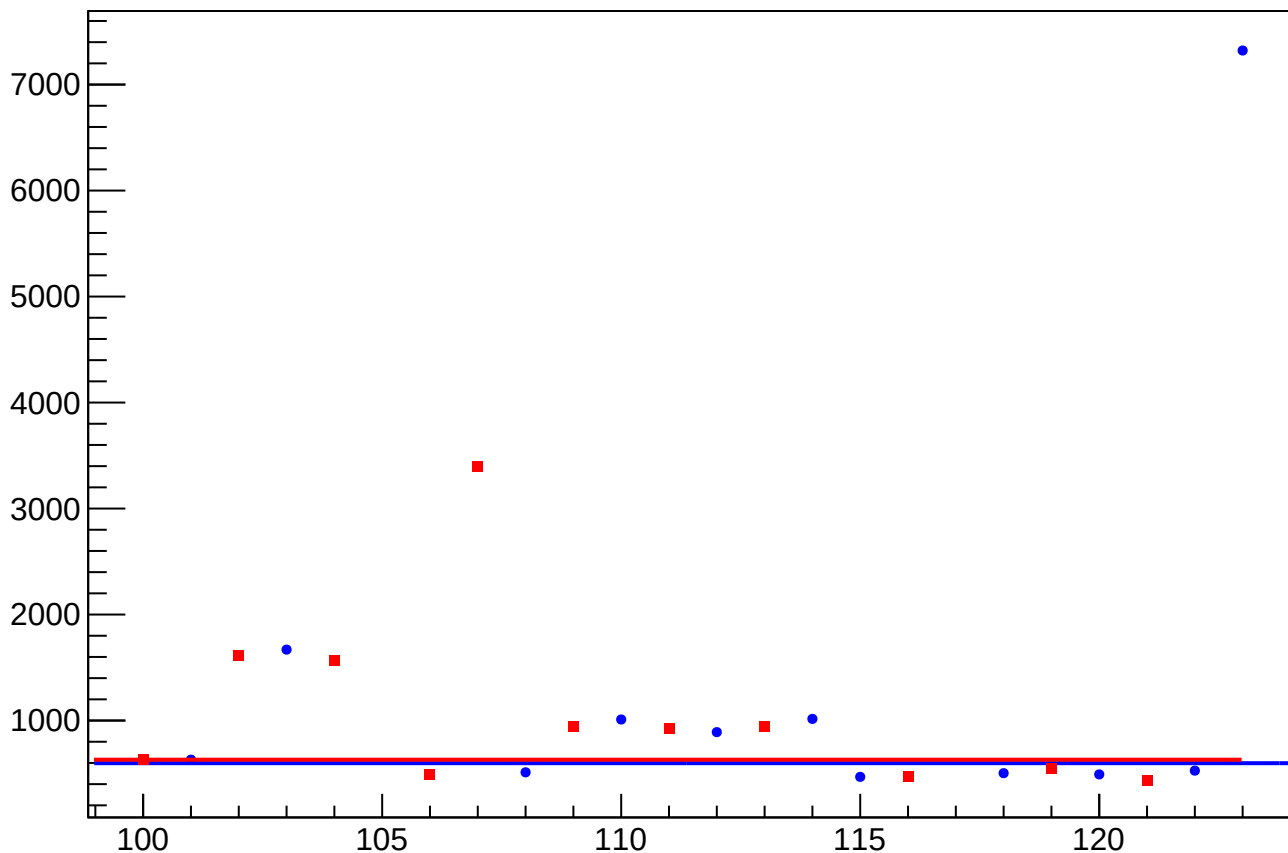
Right: -135.740+/-227.976 χ^2/NDF : 25.8/21

In: -22.257+/-313.280 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.740+/-227.976 χ^2/NDF : 25.8/21

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 597.679+/-0.222 χ^2/NDF : 966520.5/10

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

Right Out: 630.638+/-0.235 χ^2/NDF : 1768155.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

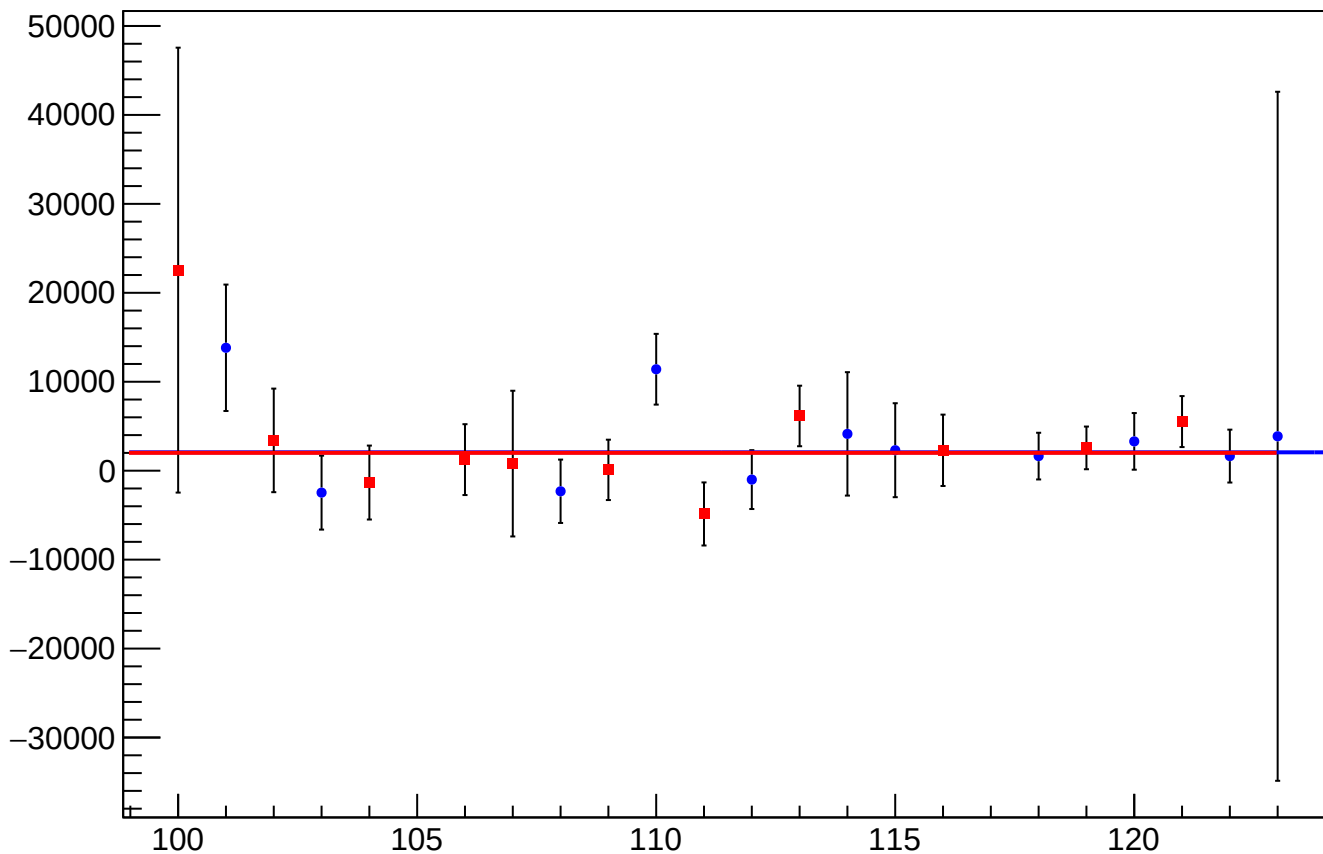
Right: 613.184+/-0.161 χ^2/NDF : 2745090.8/21

In: 597.679+/-0.222 χ^2/NDF : 966520.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.184+/-0.161 χ^2/NDF : 2745090.8/21

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2065.594+/-1174.286 χ^2/NDF : 12.1/10

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

Right Out: 2009.299+/-1134.385 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

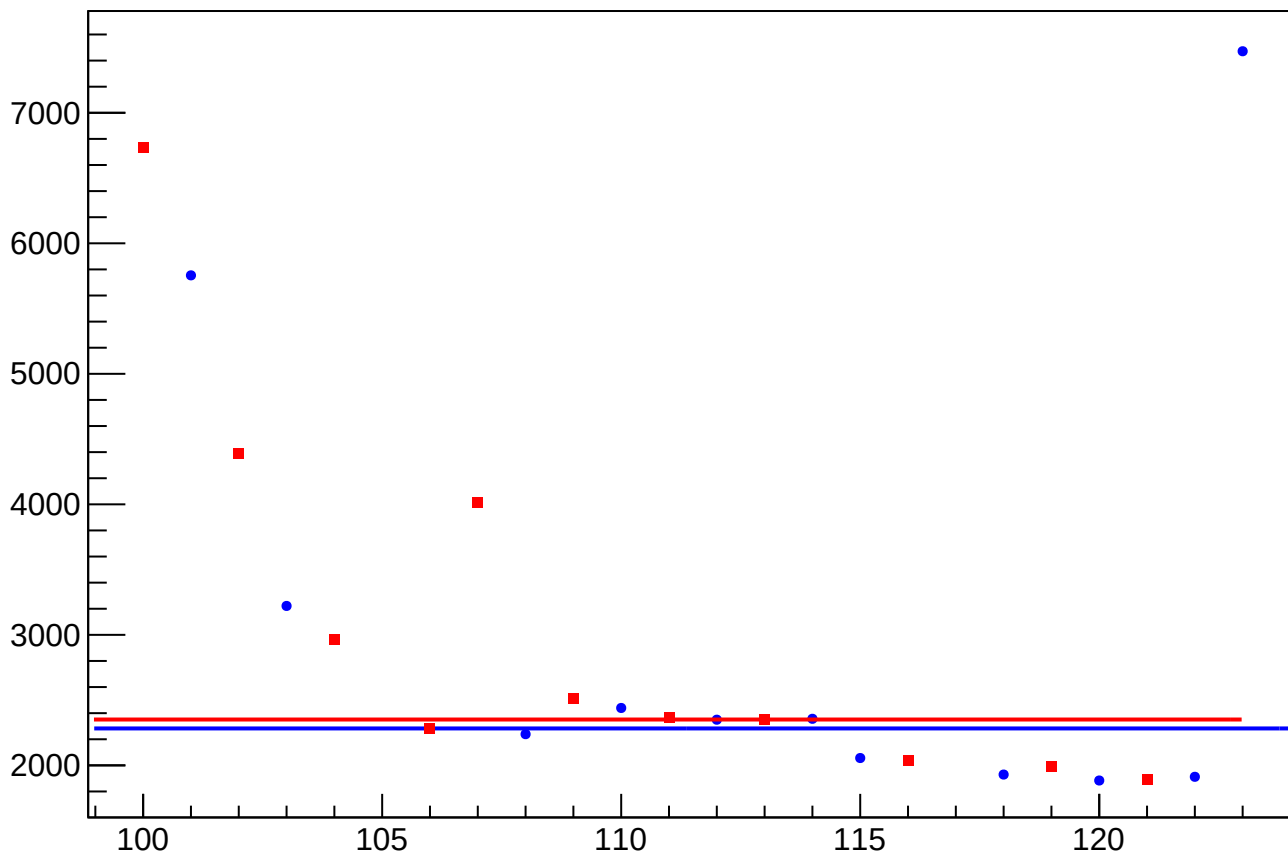
Right: 2036.474+/-815.873 χ^2/NDF : 20.7/21

In: 2065.594+/-1174.286 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2036.474+/-815.873 χ^2/NDF : 20.7/21

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2282.916+/-0.830 χ^2/NDF : 722008.2/10

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

Right Out: 2351.305+/-0.802 χ^2/NDF : 545610.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

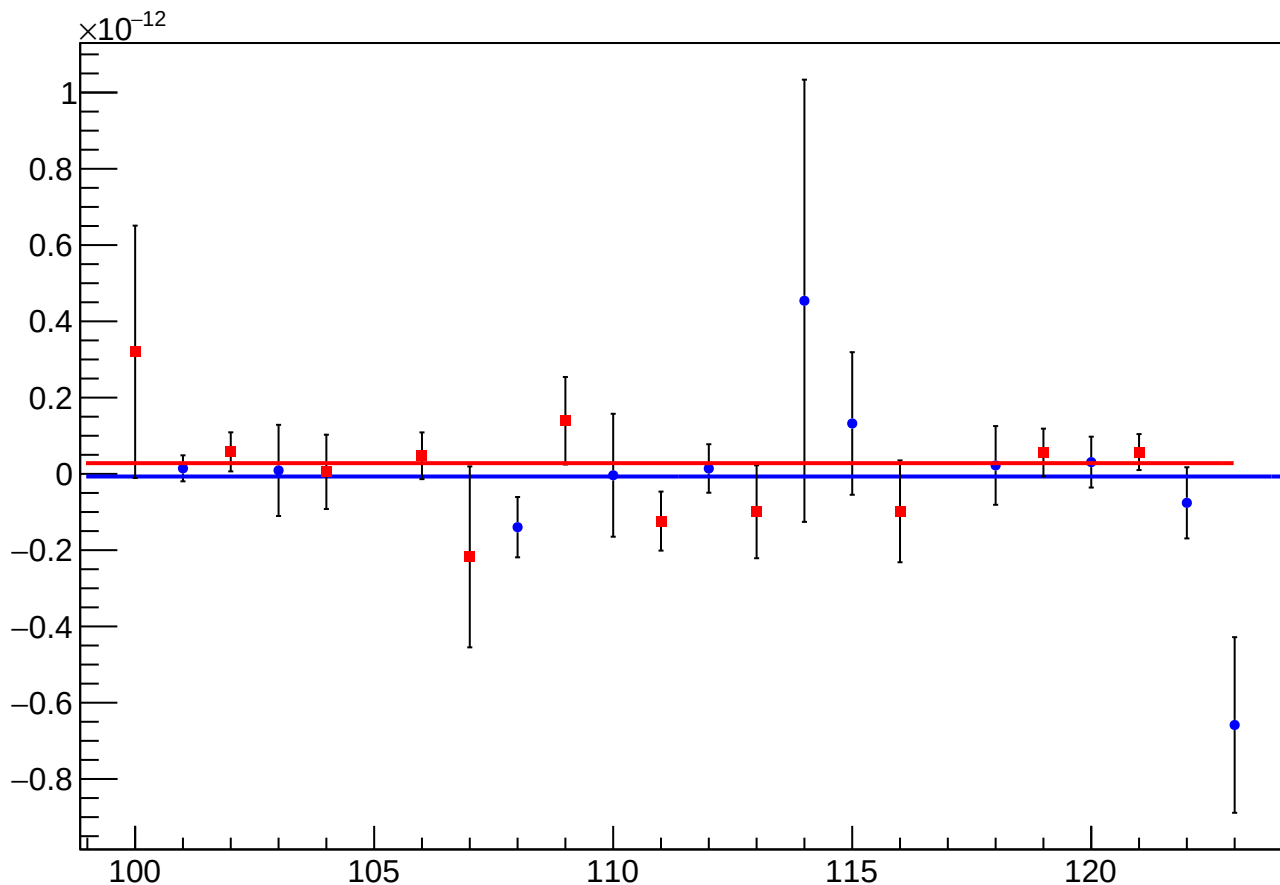
Right: 2318.293+/-0.577 χ^2/NDF : 1271127.9/21

In: 2282.916+/-0.830 χ^2/NDF : 722008.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.293+/-0.577 χ^2/NDF : 1271127.9/21

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.5/10

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

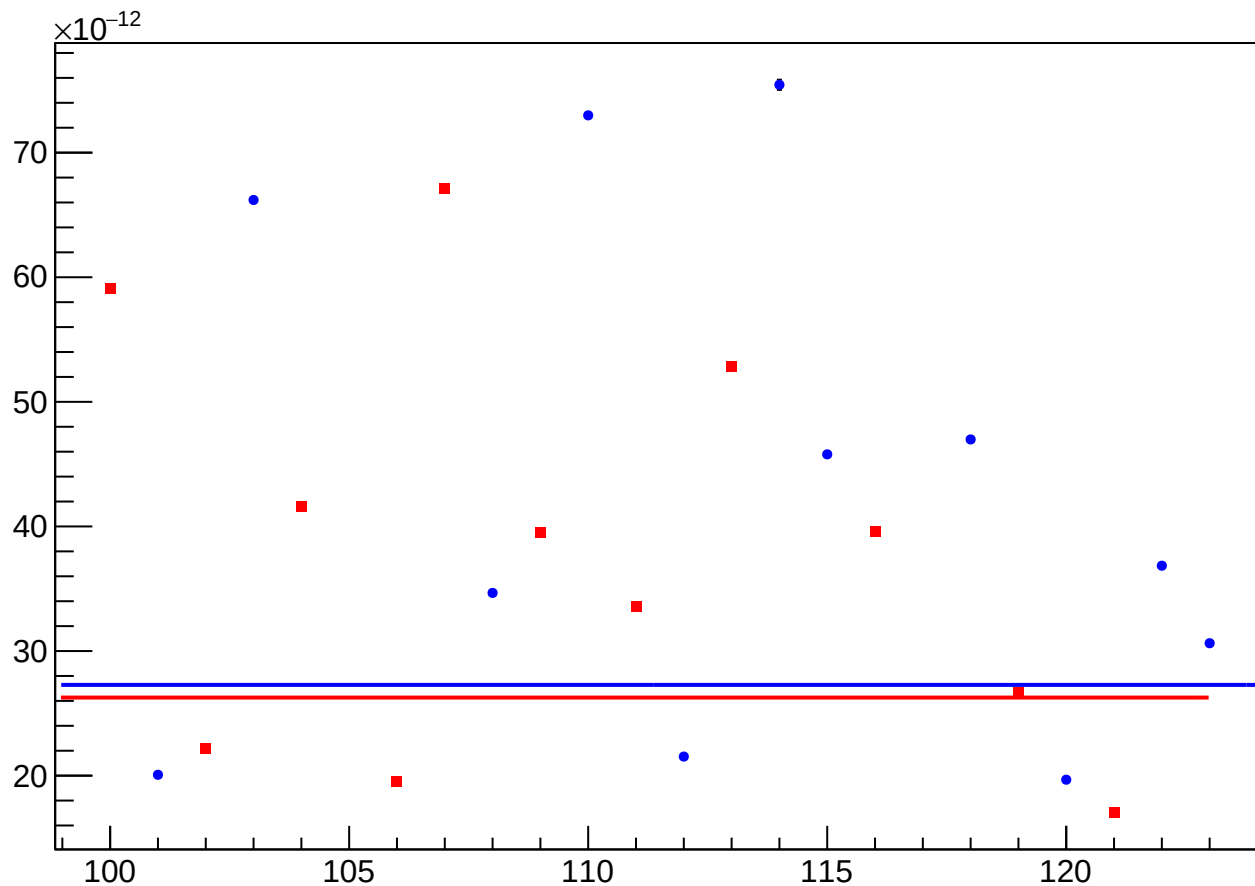
Right: 0.000+/-0.000 χ^2/NDF : 24.3/21

In: -0.000+/-0.000 χ^2/NDF : 13.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.3/21

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 650140.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 402080.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

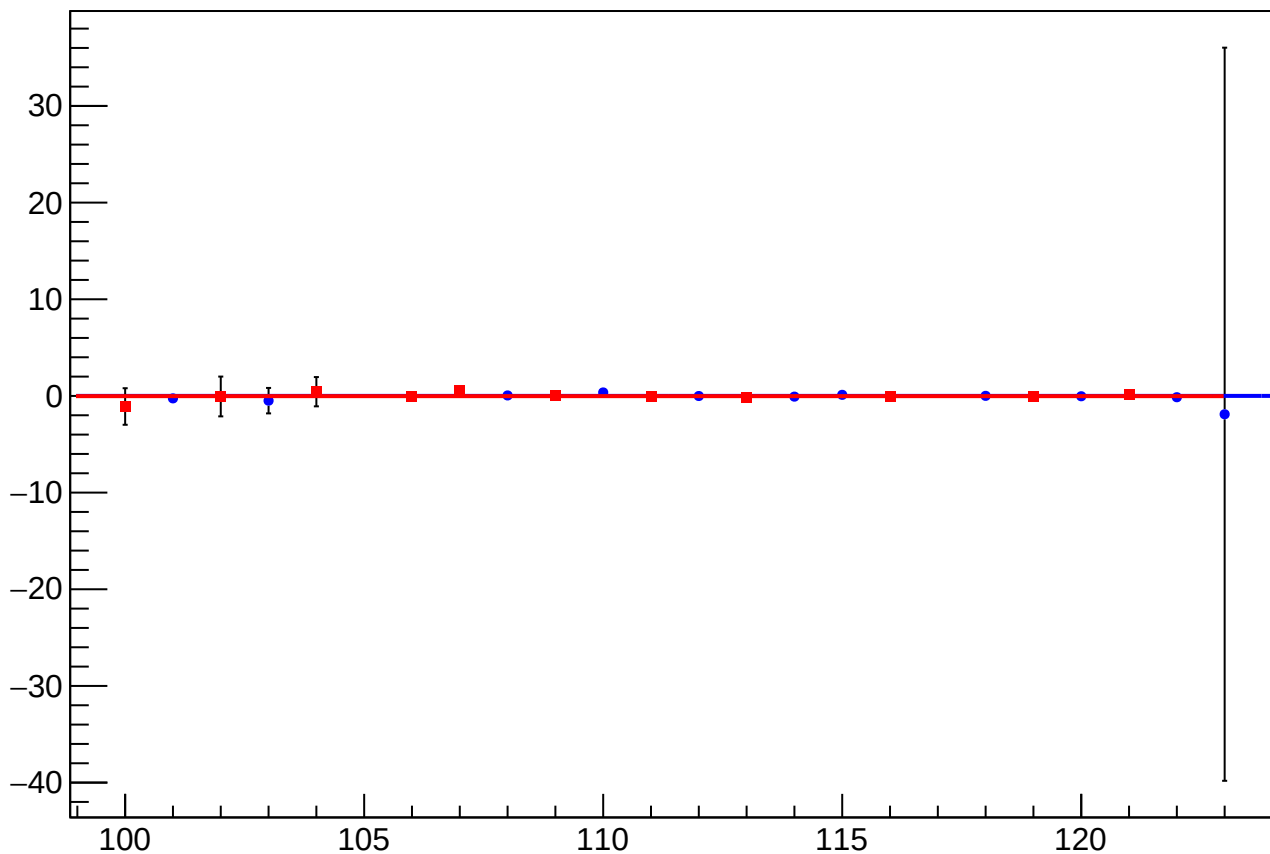
Right: 0.000+/-0.000 χ^2/NDF : 1054141.2/21

In: 0.000+/-0.000 χ^2/NDF : 650140.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1054141.2/21

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/10

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

Right Out: -0.022+/-0.032 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

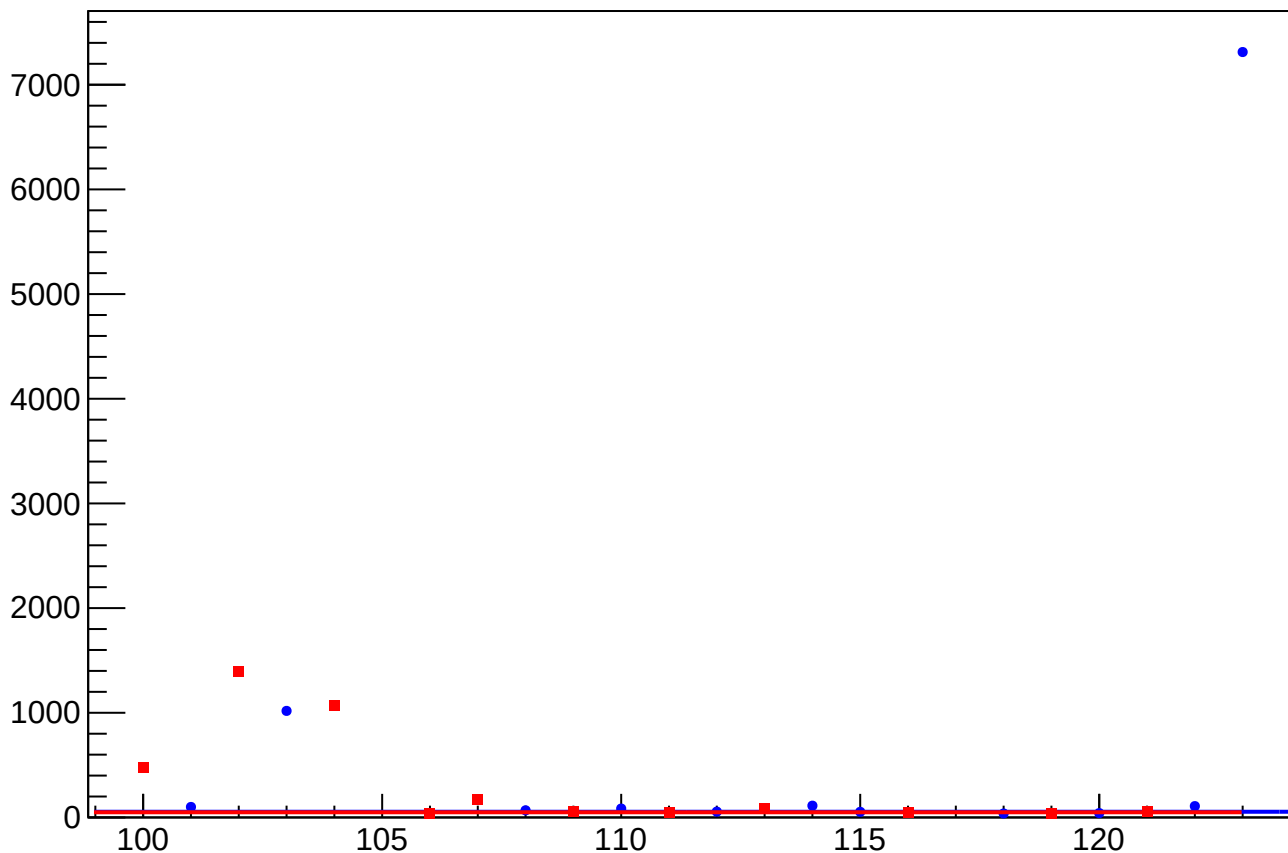
Right: -0.010+/-0.023 χ^2/NDF : 21.3/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.023 χ^2/NDF : 21.3/21

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.475+/-0.024 χ^2/NDF : 1940418.5/10

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

Right Out: 49.521+/-0.022 χ^2/NDF : 2399495.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

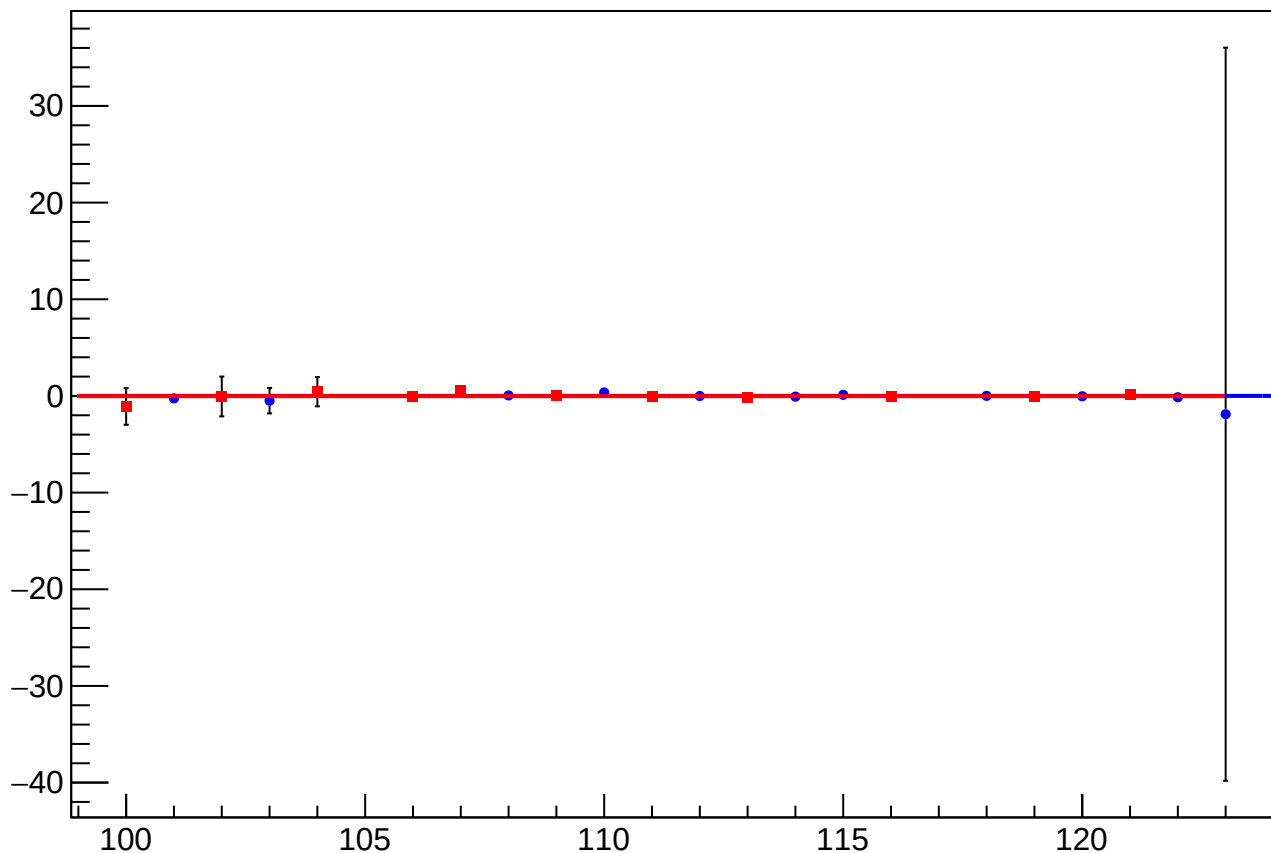
Right: 51.837+/-0.016 χ^2/NDF : 4362743.8/21

In: 54.475+/-0.024 χ^2/NDF : 1940418.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.837+/-0.016 χ^2/NDF : 4362743.8/21

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/10

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

Right Out: -0.022+/-0.032 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

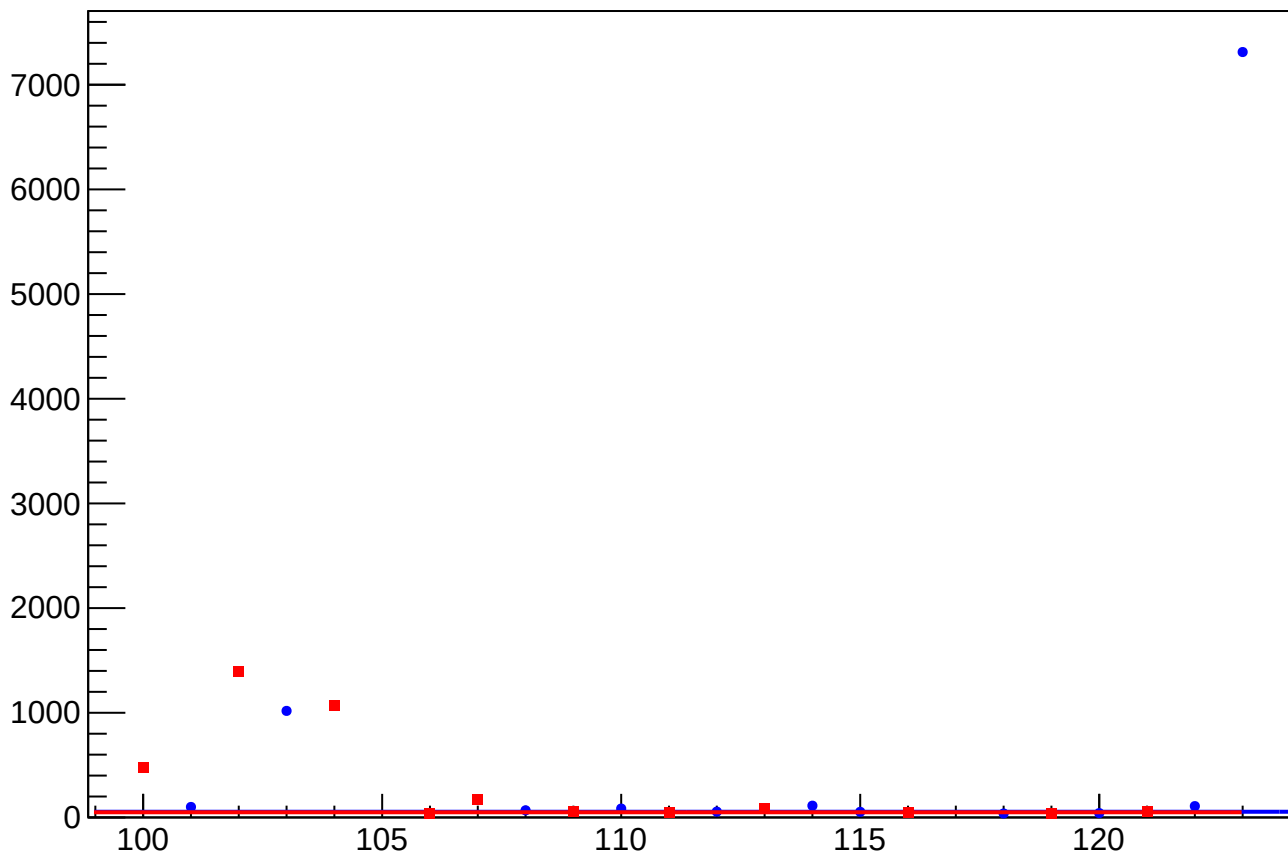
Right: -0.010+/-0.023 χ^2/NDF : 21.3/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.023 χ^2/NDF : 21.3/21

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.475+/-0.024 χ^2/NDF : 1940418.5/10

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

Right Out: 49.521+/-0.022 χ^2/NDF : 2399495.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

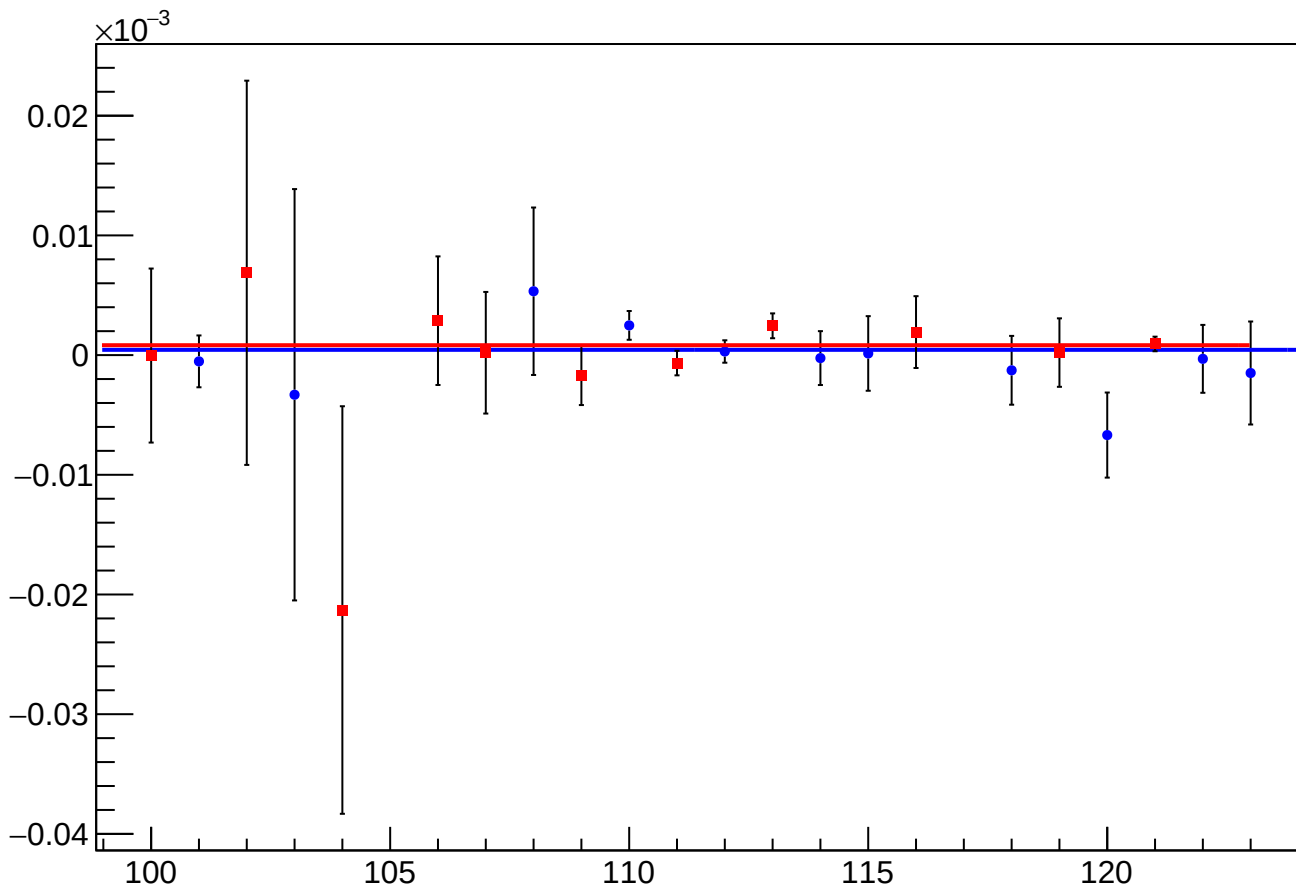
Right: 51.837+/-0.016 χ^2/NDF : 4362743.8/21

In: 54.475+/-0.024 χ^2/NDF : 1940418.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.837+/-0.016 χ^2/NDF : 4362743.8/21

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

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

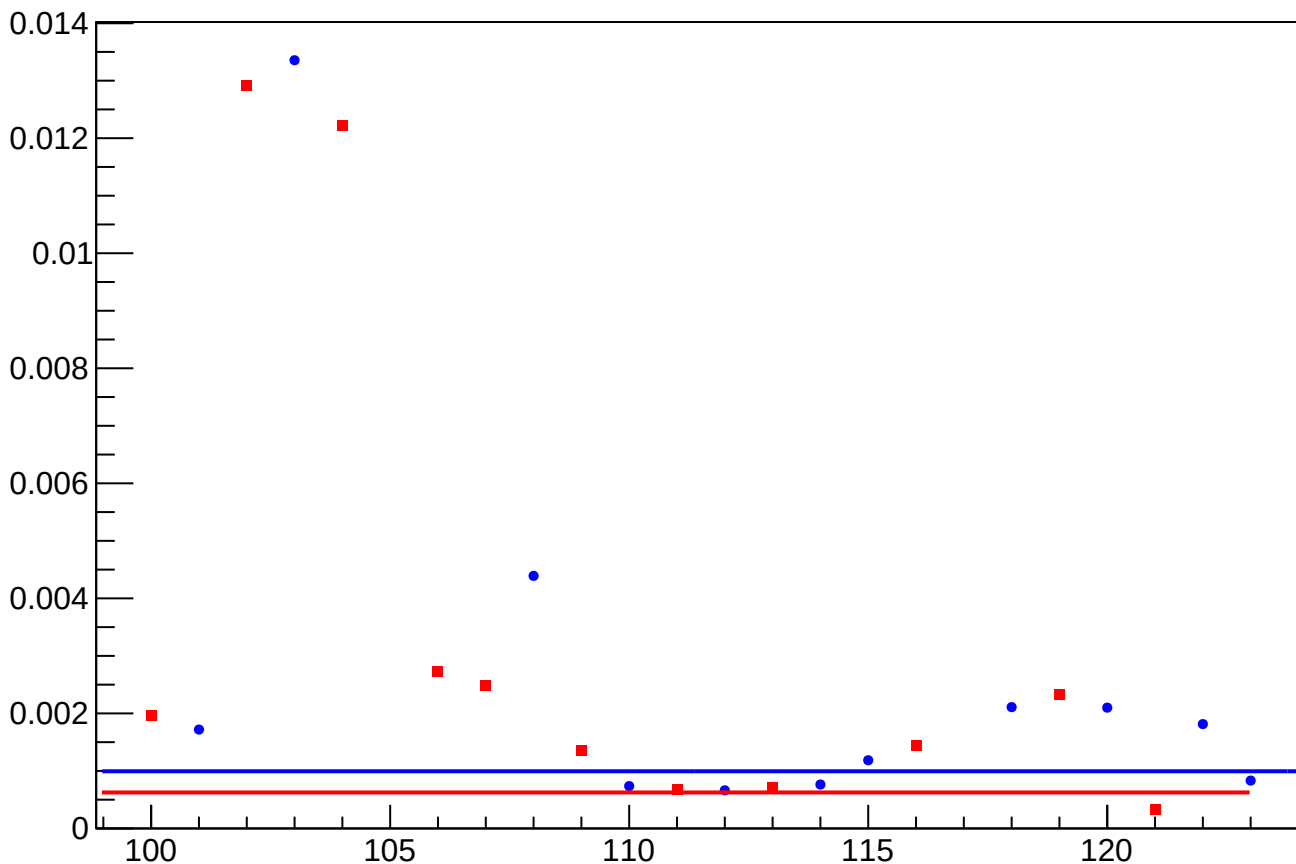
Right: 0.000+/-0.000 χ^2/NDF : 16.4/21

In: 0.000+/-0.000 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/21

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2766841.8/10

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

Right Out: 0.001+/-0.000 χ^2/NDF : 4291008.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

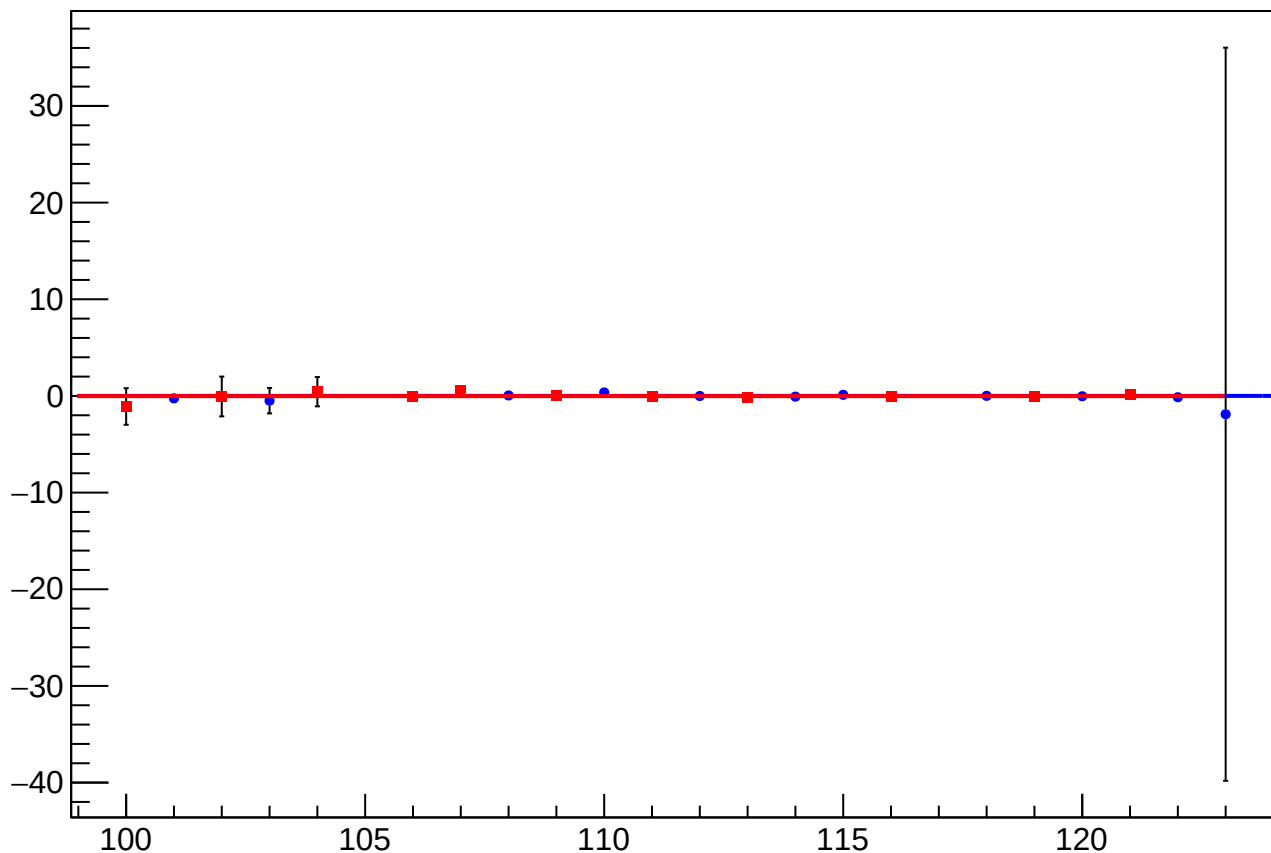
Right: 0.001+/-0.000 χ^2/NDF : 7540310.5/21

In: 0.001+/-0.000 χ^2/NDF : 2766841.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7540310.5/21

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/10

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

Right Out: -0.022+/-0.032 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

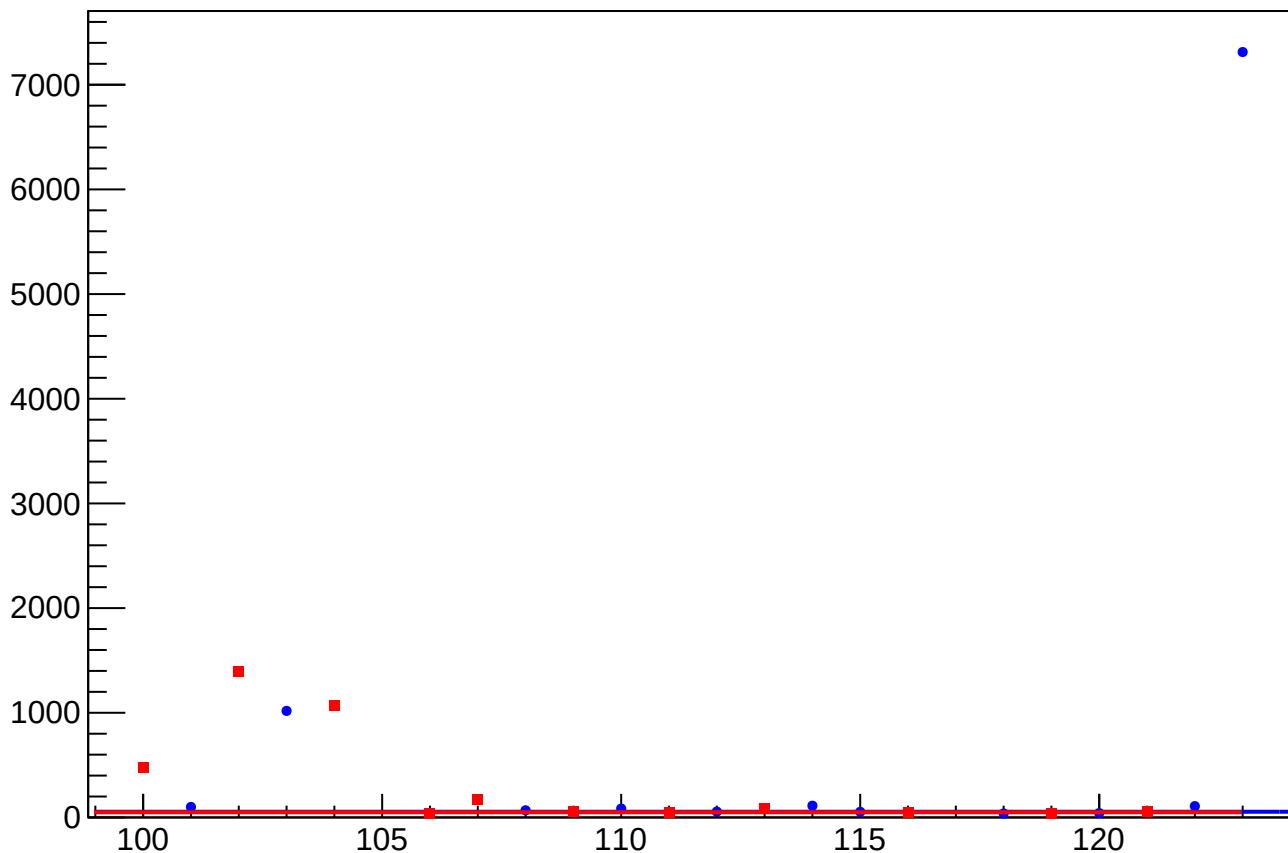
Right: -0.010+/-0.023 χ^2/NDF : 21.3/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.023 χ^2/NDF : 21.3/21

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.475+/-0.024 χ^2/NDF : 1940430.7/10

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

Right Out: 49.519+/-0.022 χ^2/NDF : 2399533.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

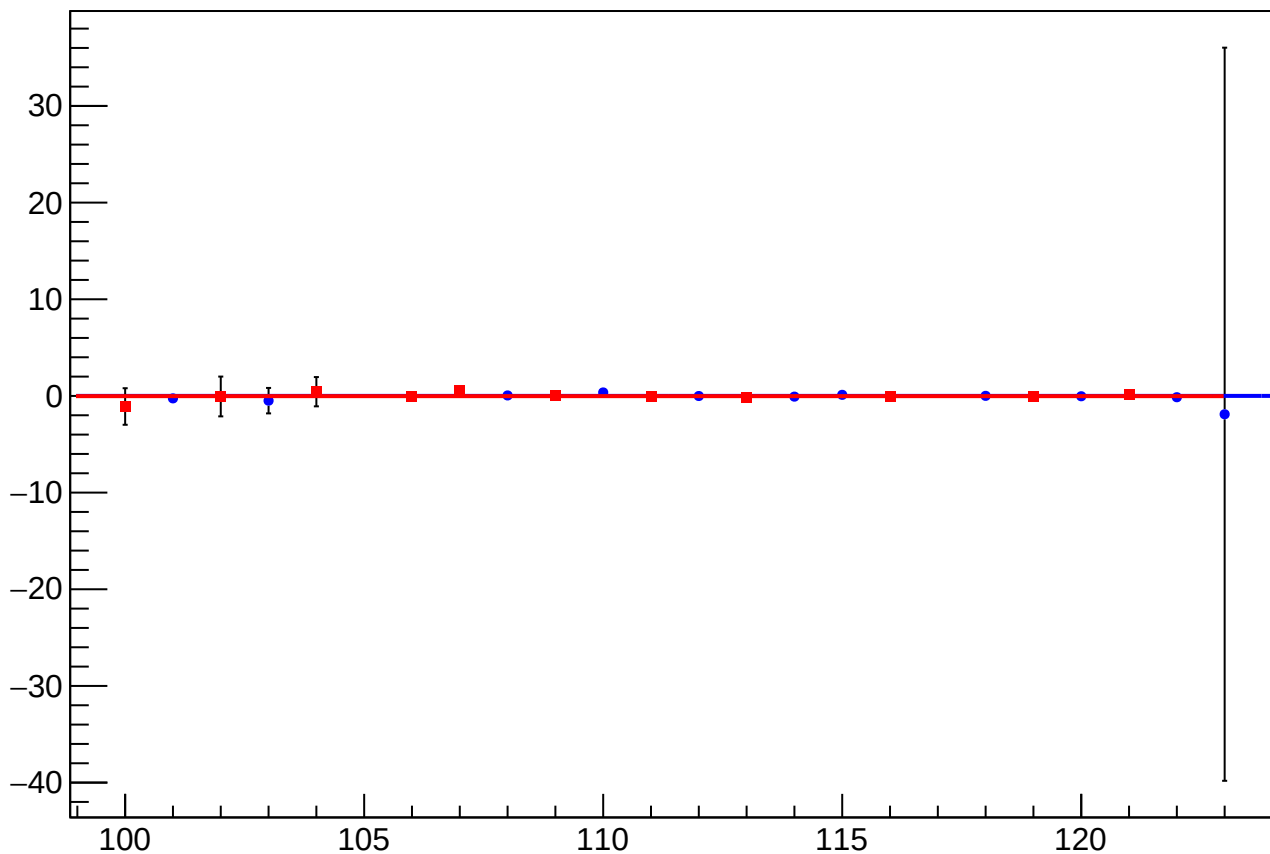
Right: 51.836+/-0.016 χ^2/NDF : 4362805.8/21

In: 54.475+/-0.024 χ^2/NDF : 1940430.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.836+/-0.016 χ^2/NDF : 4362805.8/21

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/10

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

Right Out: -0.022+/-0.032 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

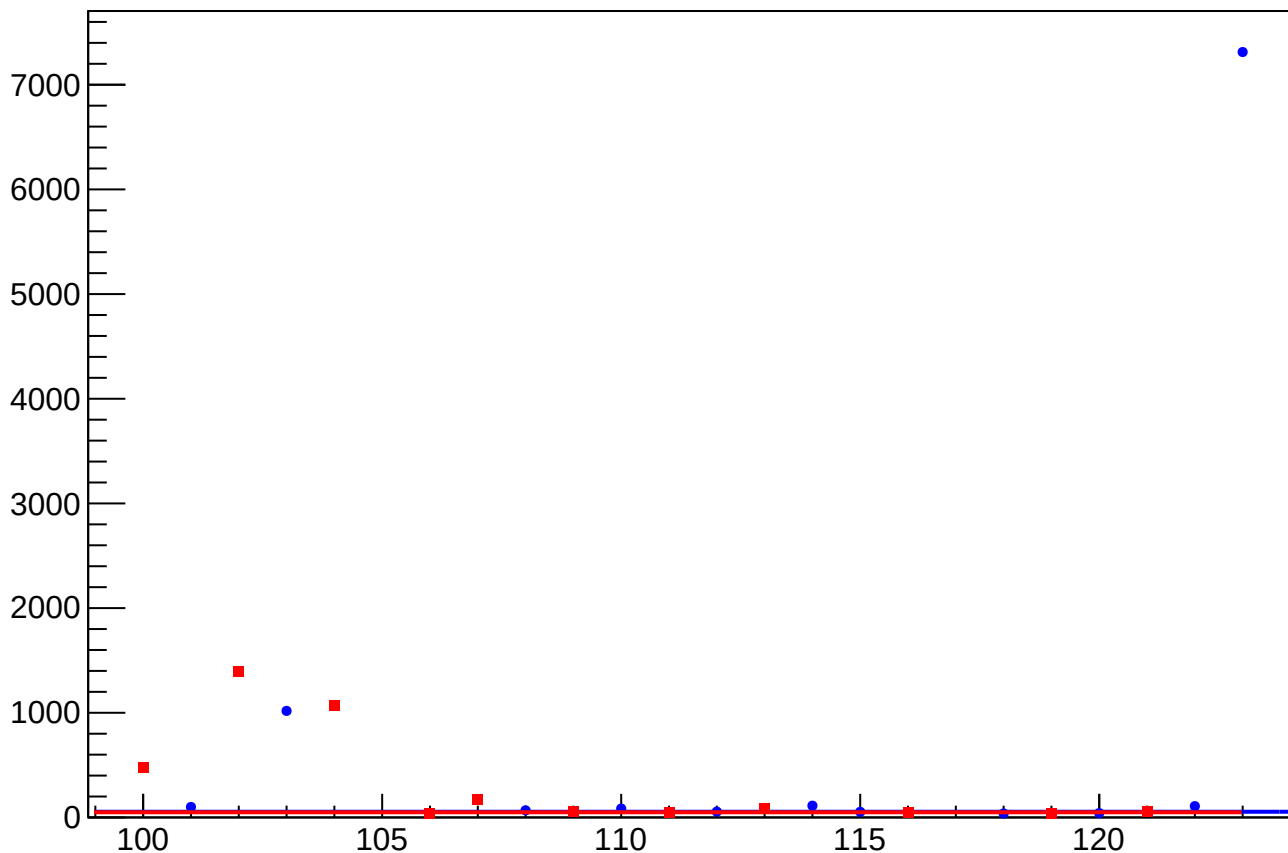
Right: -0.010+/-0.023 χ^2/NDF : 21.3/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.023 χ^2/NDF : 21.3/21

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.475+/-0.024 χ^2/NDF : 1940430.7/10

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

Right Out: 49.519+/-0.022 χ^2/NDF : 2399533.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

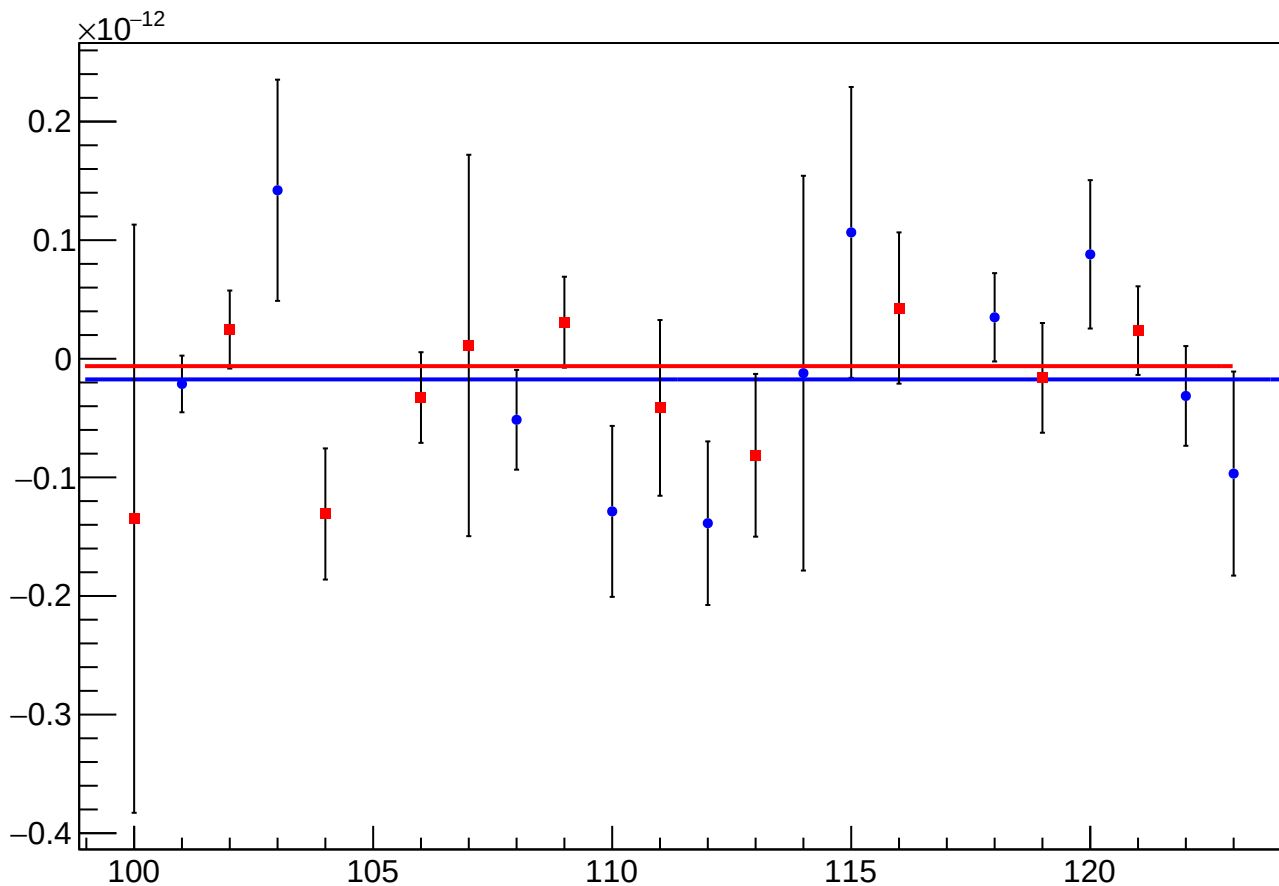
Right: 51.836+/-0.016 χ^2/NDF : 4362805.8/21

In: 54.475+/-0.024 χ^2/NDF : 1940430.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.836+/-0.016 χ^2/NDF : 4362805.8/21

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.9/10

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

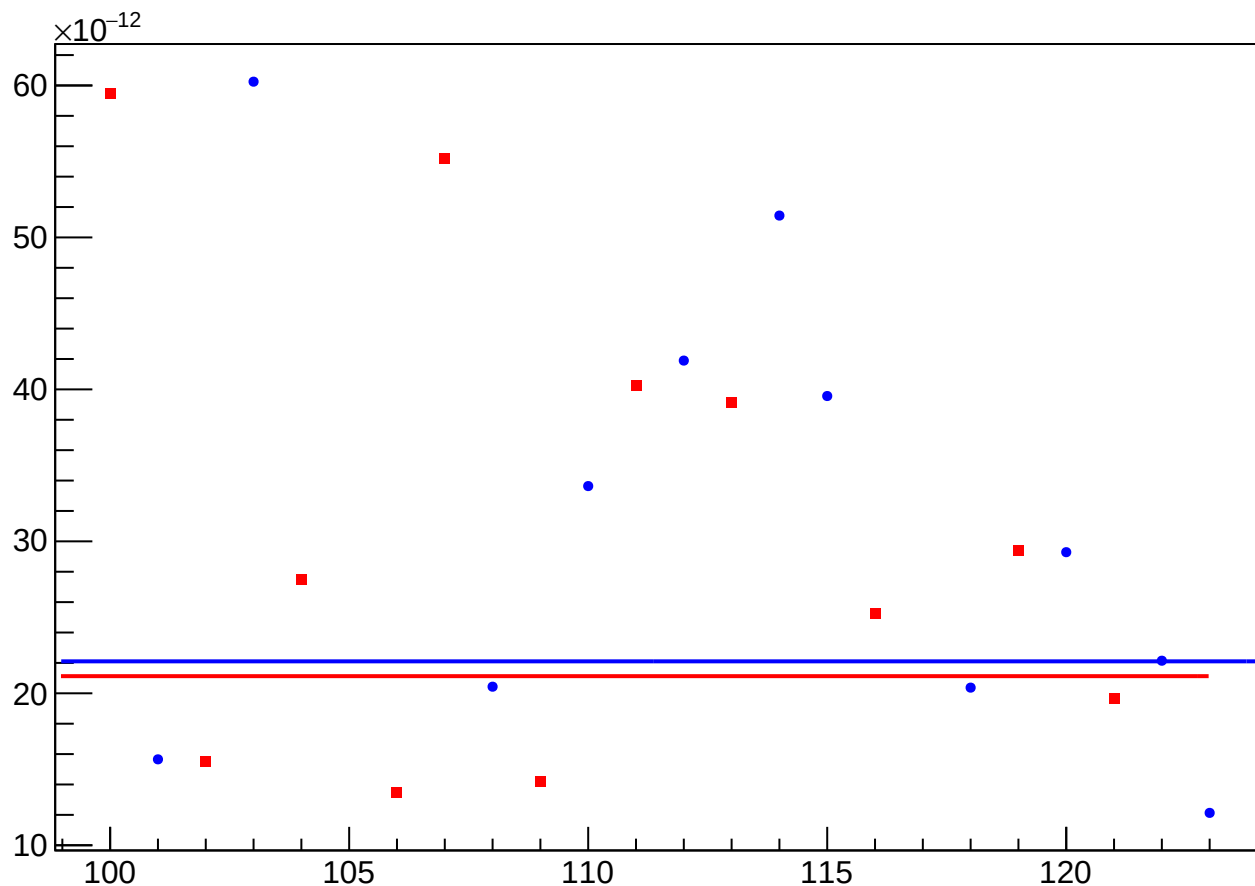
Right: -0.000+/-0.000 χ^2 /NDF: 26.5/21

In: -0.000+/-0.000 χ^2 /NDF:15.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.5/21

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 859918.5/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 715097.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

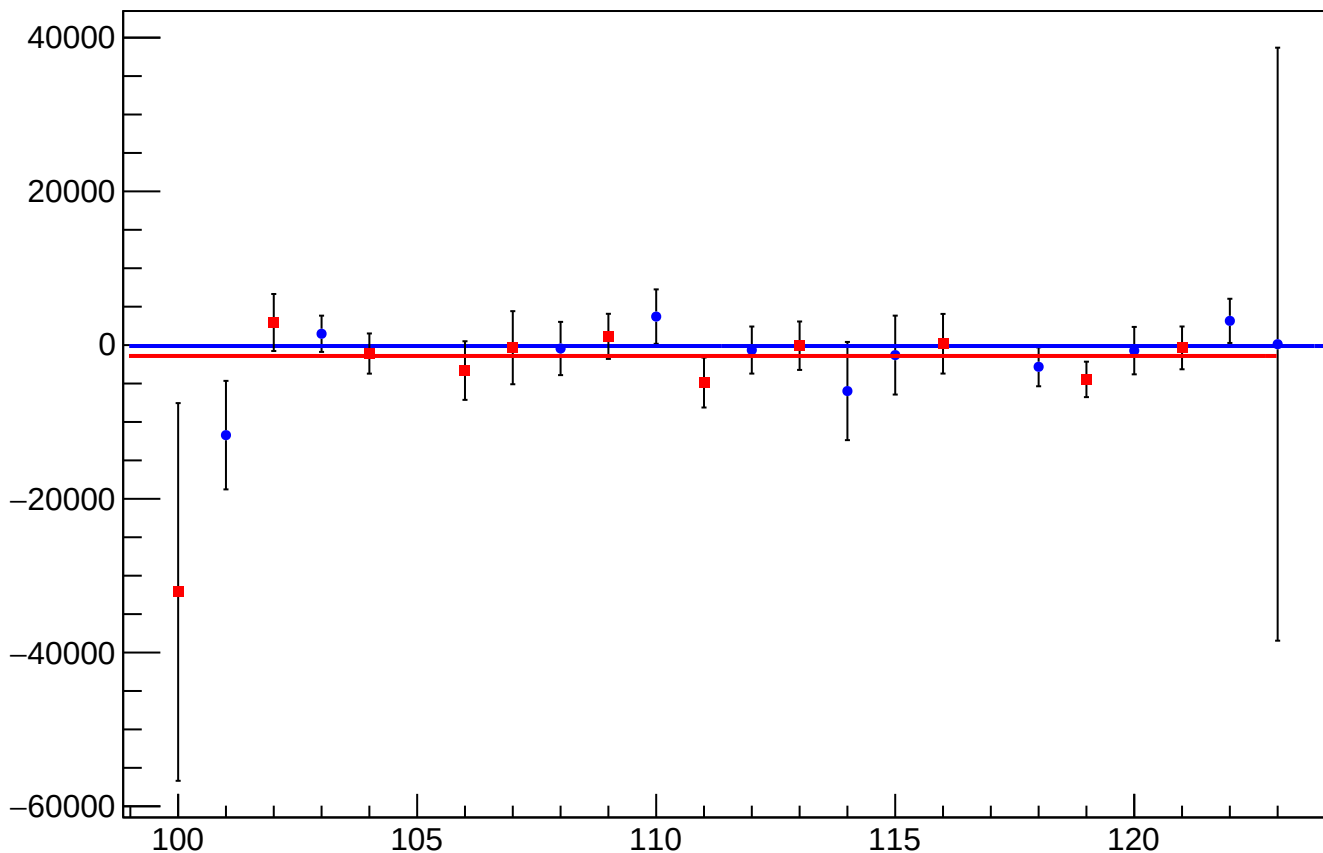
Right: 0.000+/-0.000 χ^2/NDF : 1579346.0/21

In: 0.000+/-0.000 χ^2/NDF :859918.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1579346.0/21

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -118.846+/-1045.669 χ^2/NDF : 7.7/10

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

Right Out: -1413.913+/-985.856 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

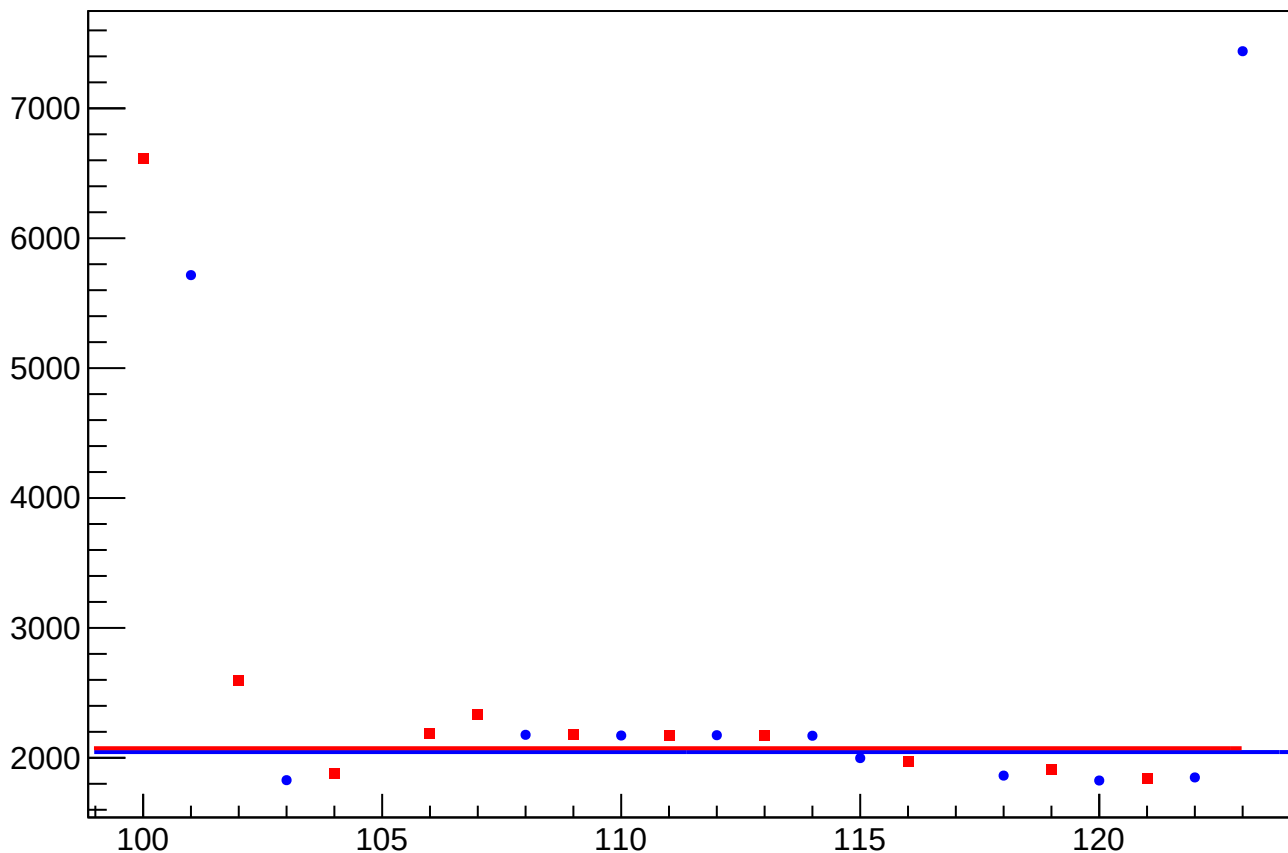
Right: -804.476+/-717.319 χ^2/NDF : 15.9/21

In: -118.846+/-1045.669 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -804.476+/-717.319 χ^2/NDF : 15.9/21

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2044.325+/-0.739 χ^2/NDF : 636667.1/10

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

Right Out: 2073.875+/-0.697 χ^2/NDF : 157955.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

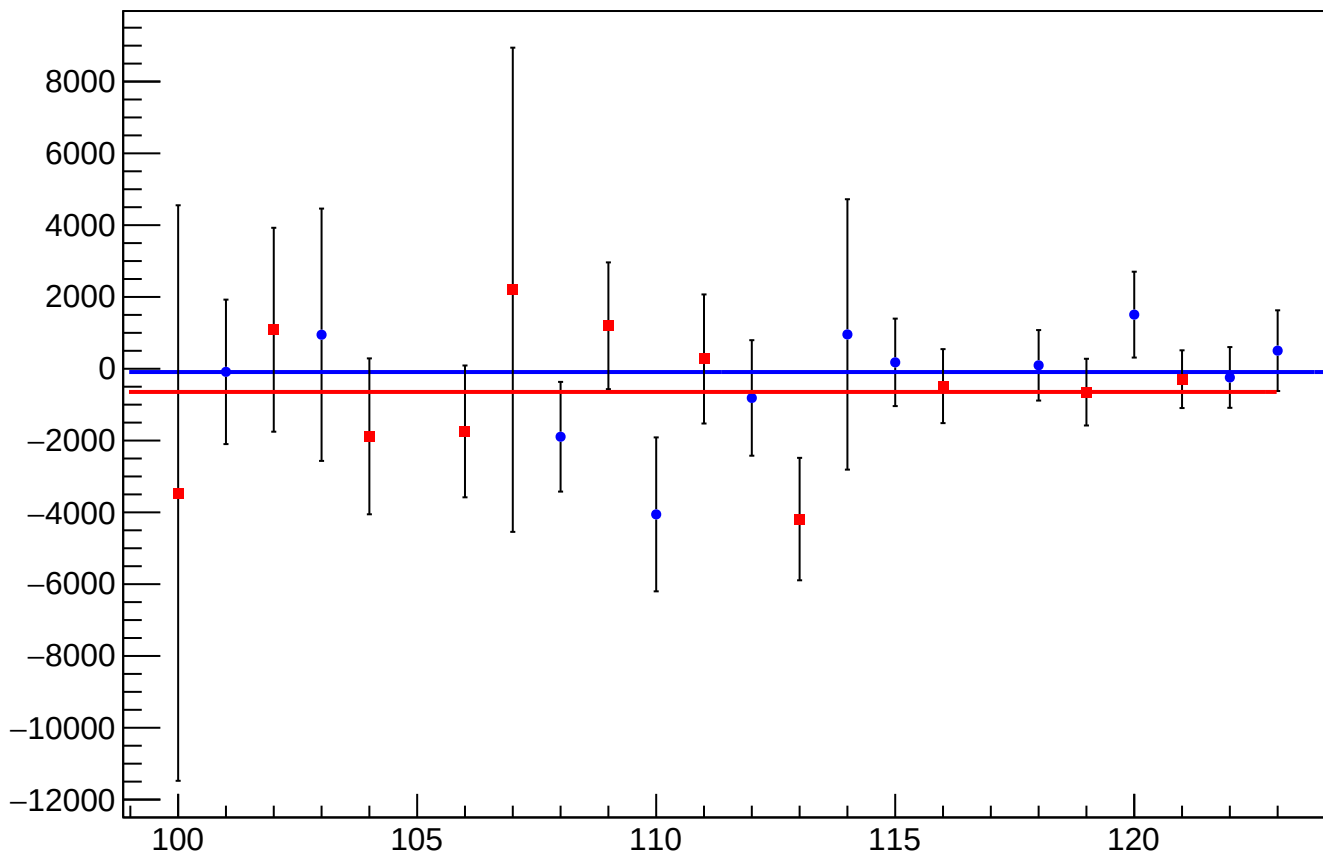
Right: 2059.970+/-0.507 χ^2/NDF : 795468.6/21

In: 2044.325+/-0.739 χ^2/NDF : 636667.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2059.970+/-0.507 χ^2/NDF : 795468.6/21

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -91.450+/-407.263 χ^2/NDF : 7.4/10

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

Right Out: -646.022+/-434.734 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

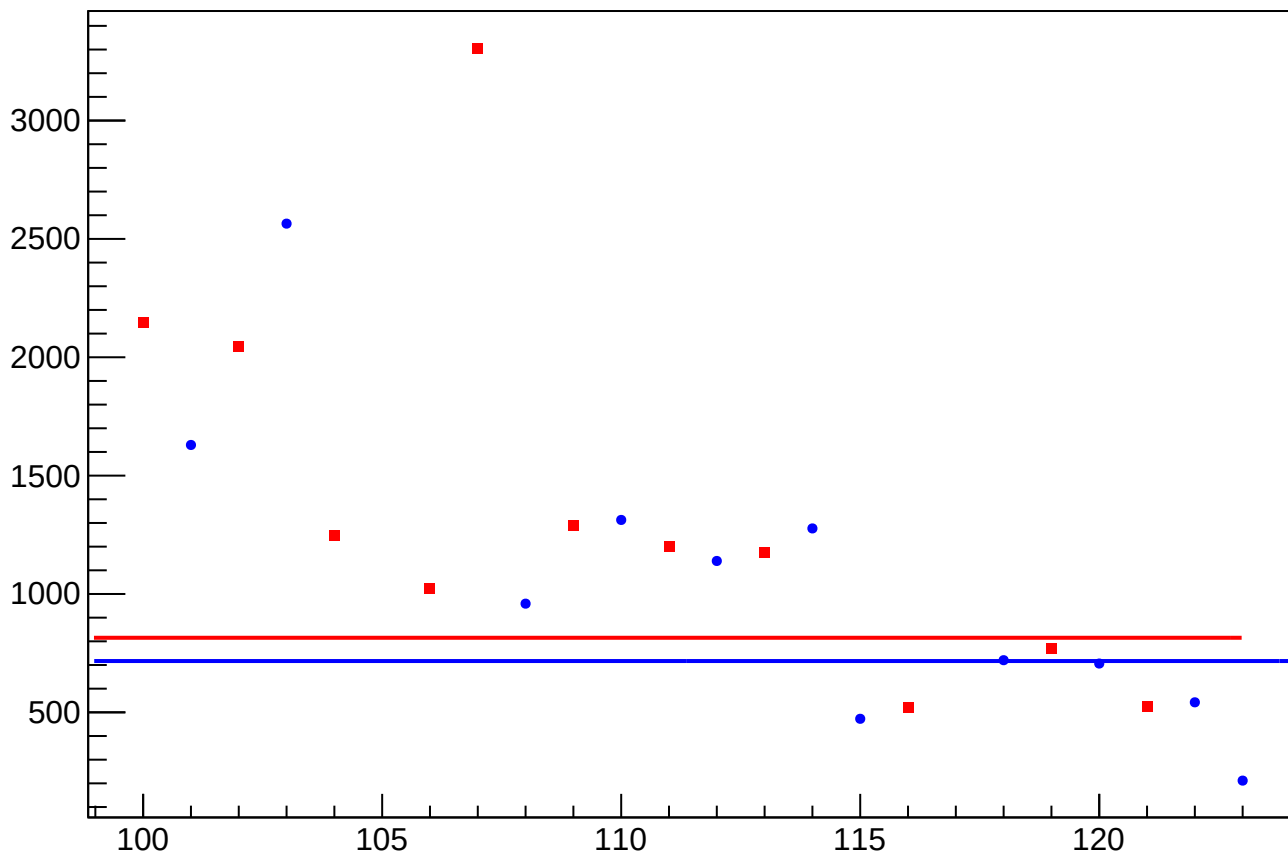
Right: -350.662+/-297.216 χ^2/NDF : 15.5/21

In: -91.450+/-407.263 χ^2/NDF :7.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -350.662+/-297.216 χ^2/NDF : 15.5/21

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 716.728+/-0.288 χ^2/NDF : 1921115.4/10

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

Right Out: 815.040+/-0.307 χ^2/NDF : 1559465.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

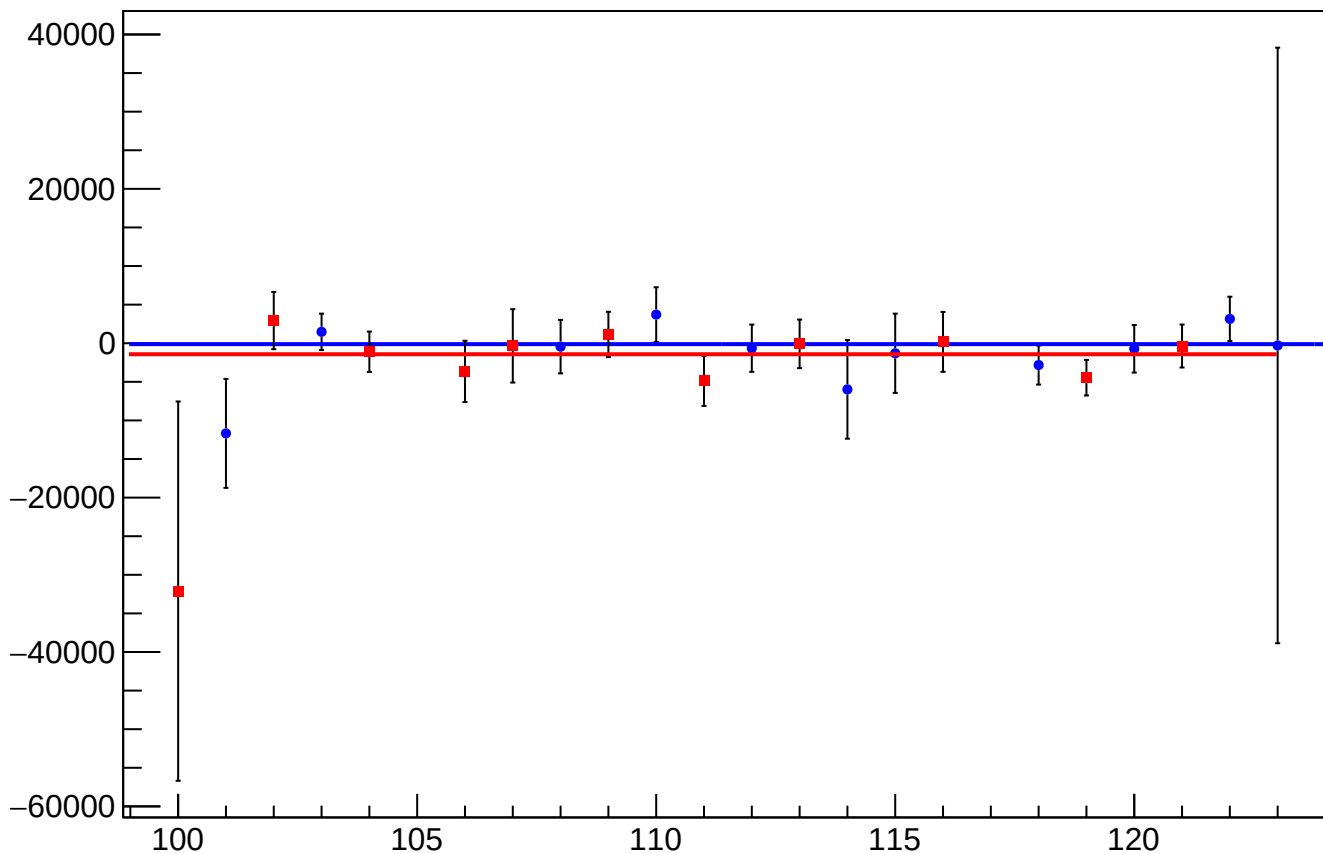
Right: 762.680+/-0.210 χ^2/NDF : 3535055.3/21

In: 716.728+/-0.288 χ^2/NDF : 1921115.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.680+/-0.210 χ^2/NDF : 3535055.3/21

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -117.707 $\pm$ 1045.670 χ^2 /NDF: 7.7/10

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

Right Out: -1425.779 $\pm$ 988.447 χ^2 /NDF: 7.4/10

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

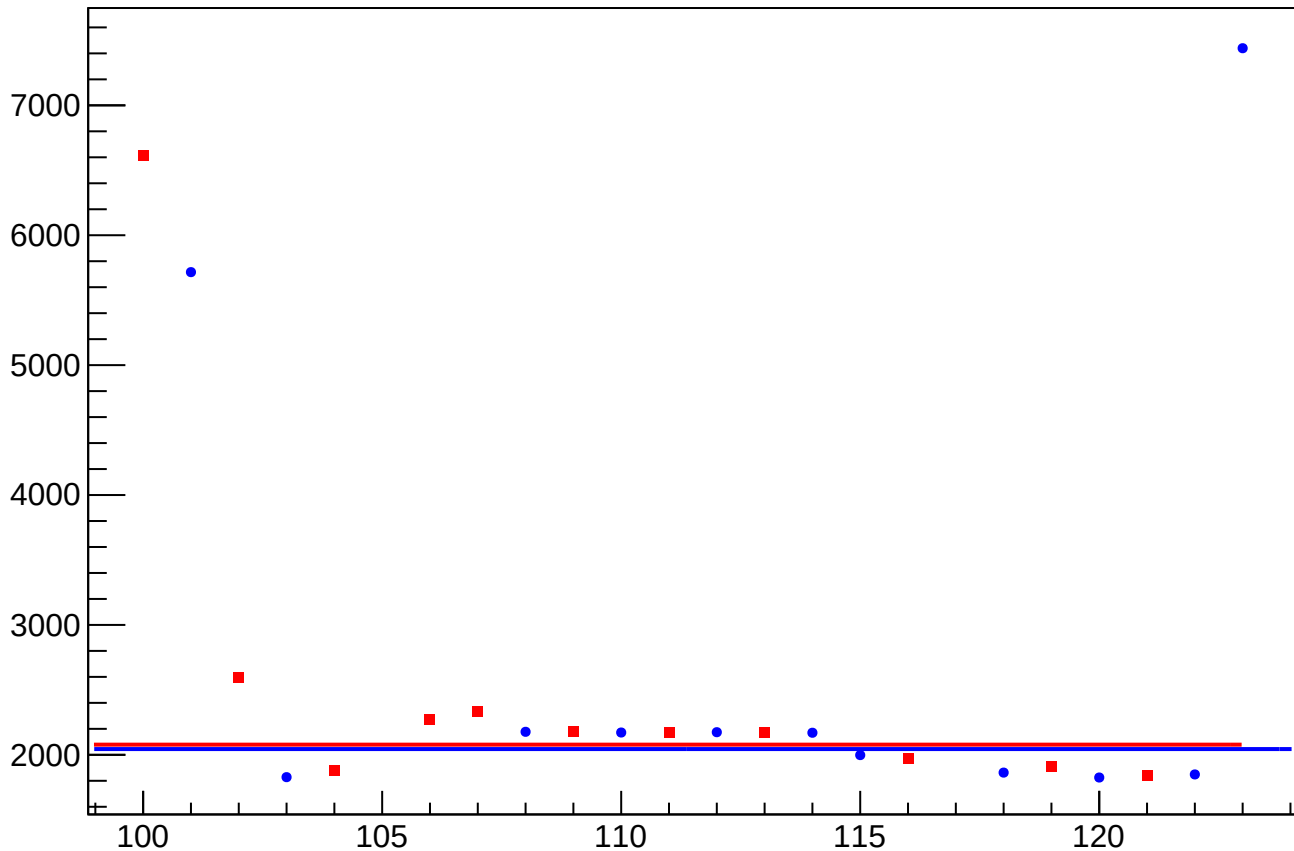
Right: -808.512 $\pm$ 718.315 χ^2 /NDF: 16.0/21

In: -117.707 $\pm$ 1045.670 χ^2 /NDF:7.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -808.512 $\pm$ 718.315 χ^2 /NDF: 16.0/21

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2044.325+/-0.739 χ^2/NDF : 636667.2/10

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

Right Out: 2078.312+/-0.699 χ^2/NDF : 160943.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

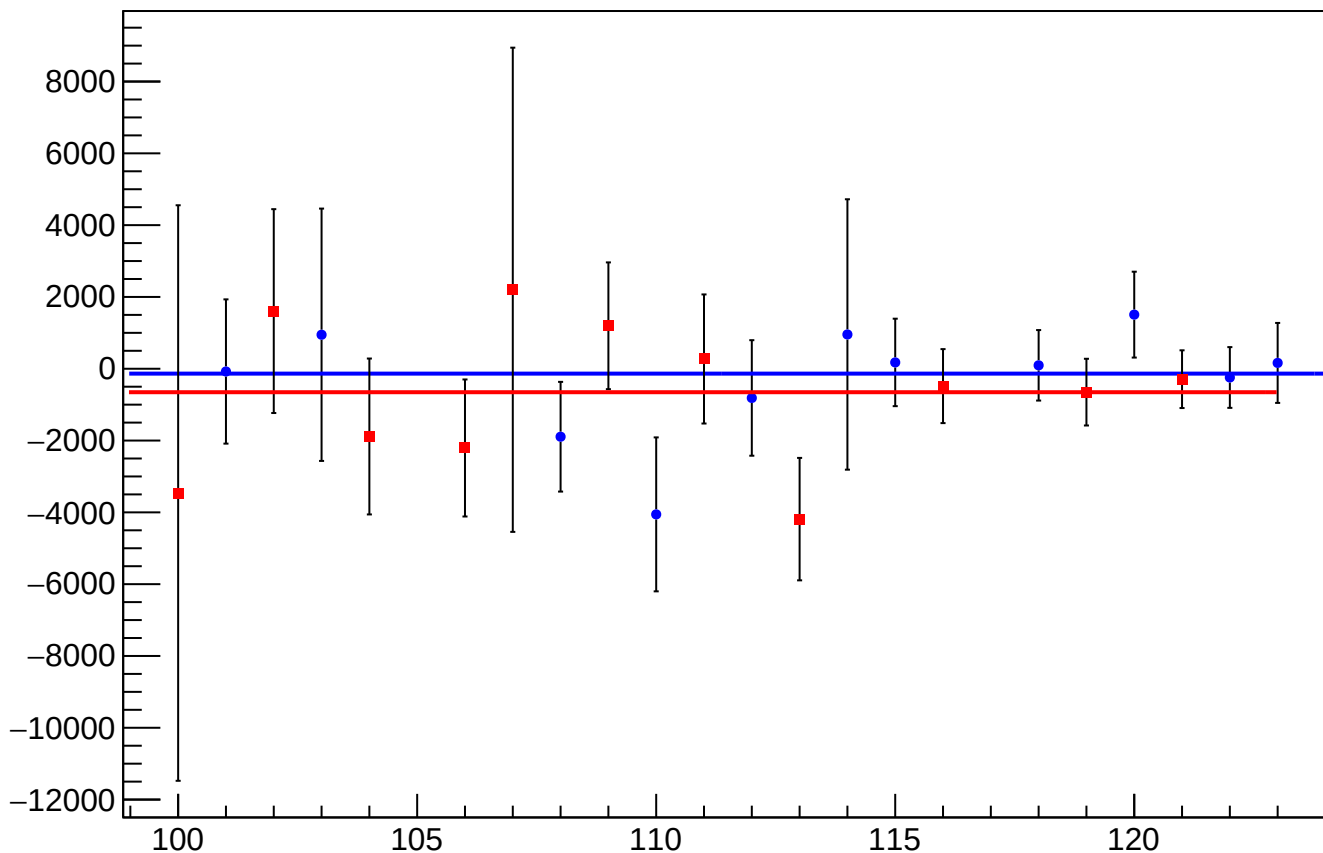
Right: 2062.274+/-0.508 χ^2/NDF : 798726.1/21

In: 2044.325+/-0.739 χ^2/NDF : 636667.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.274+/-0.508 χ^2/NDF : 798726.1/21

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -135.605+/-406.731 χ^2/NDF : 7.1/10

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

Right Out: -653.537+/-435.620 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

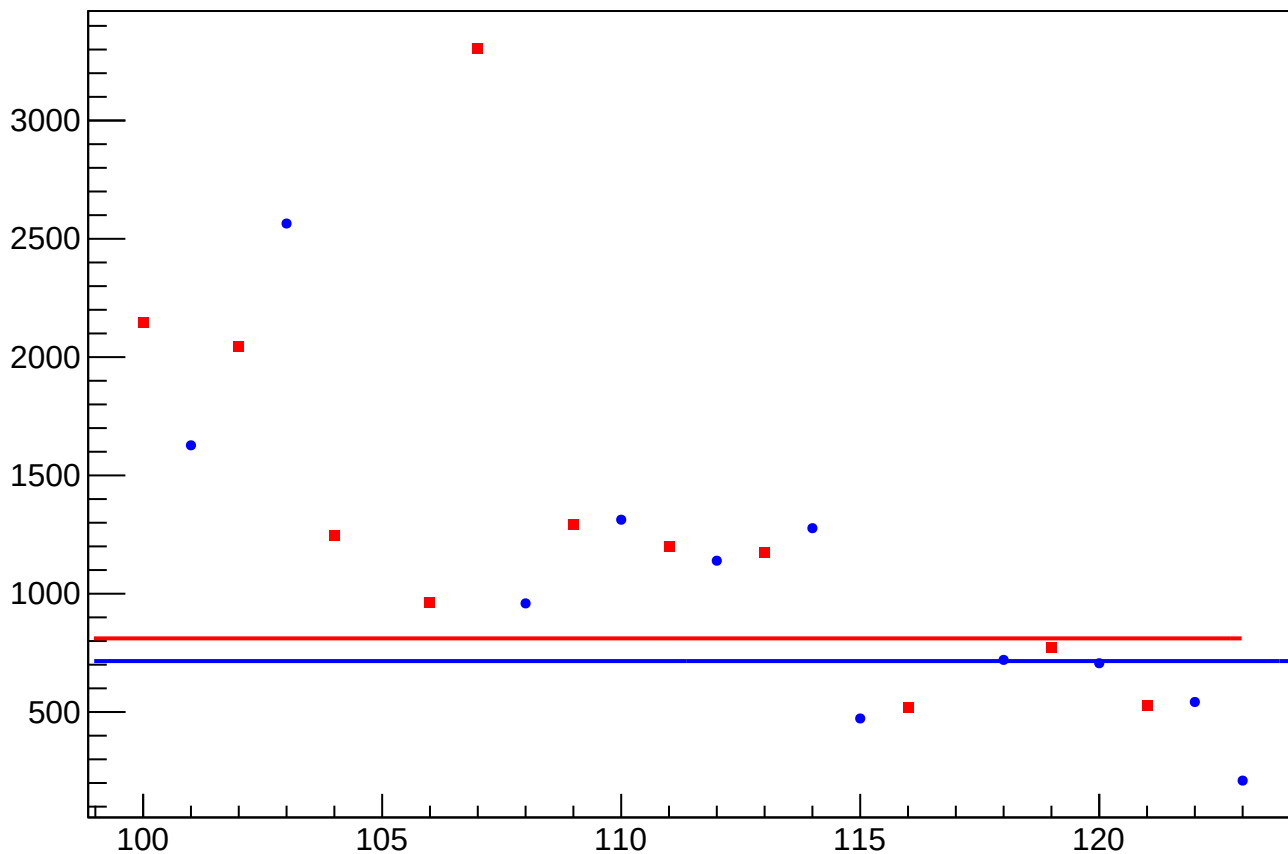
Right: -376.830+/-297.291 χ^2/NDF : 15.7/21

In: -135.605+/-406.731 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.830+/-297.291 χ^2/NDF : 15.7/21

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 715.279+/-0.288 χ^2/NDF : 1930314.3/10

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

Right Out: 811.205+/-0.308 χ^2/NDF : 1548734.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

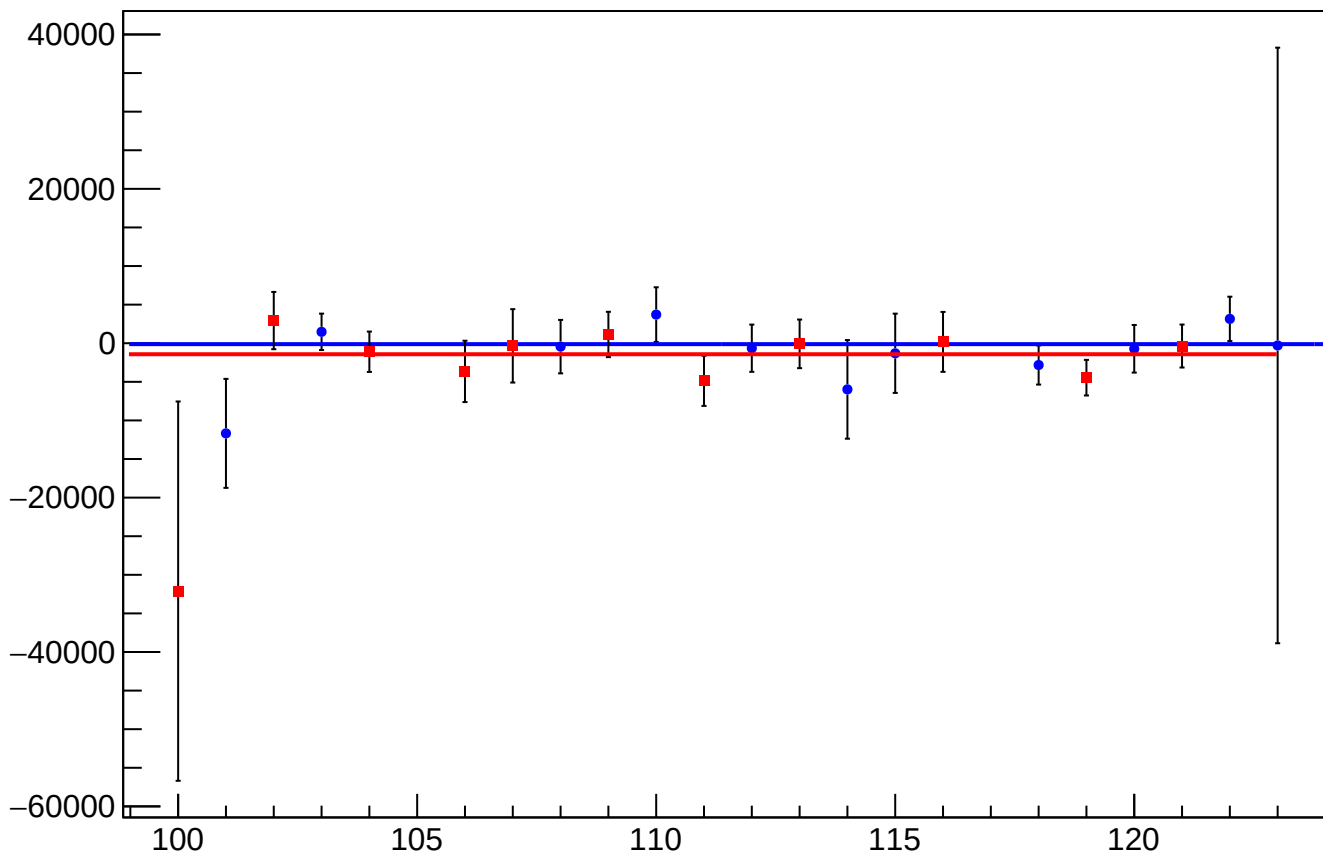
Right: 759.956+/-0.210 χ^2/NDF : 3530861.2/21

In: 715.279+/-0.288 χ^2/NDF : 1930314.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 759.956+/-0.210 χ^2/NDF : 3530861.2/21

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -117.707+/-1045.670 χ^2/NDF : 7.7/10

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

Right Out: -1425.779+/-988.447 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

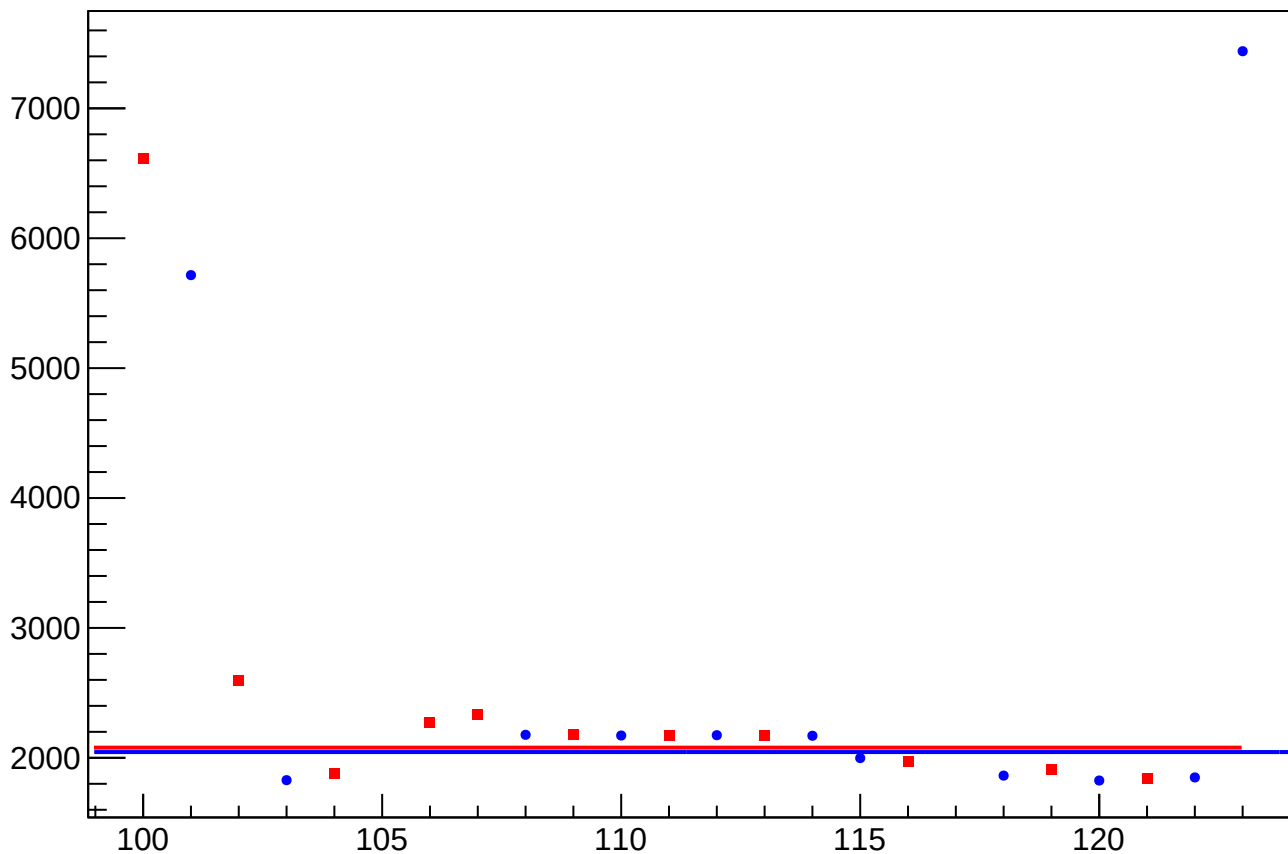
Right: -808.512+/-718.315 χ^2/NDF : 16.0/21

In: -117.707+/-1045.670 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -808.512+/-718.315 χ^2/NDF : 16.0/21

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2044.325+/-0.739 χ^2/NDF : 636667.2/10

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

Right Out: 2078.312+/-0.699 χ^2/NDF : 160943.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

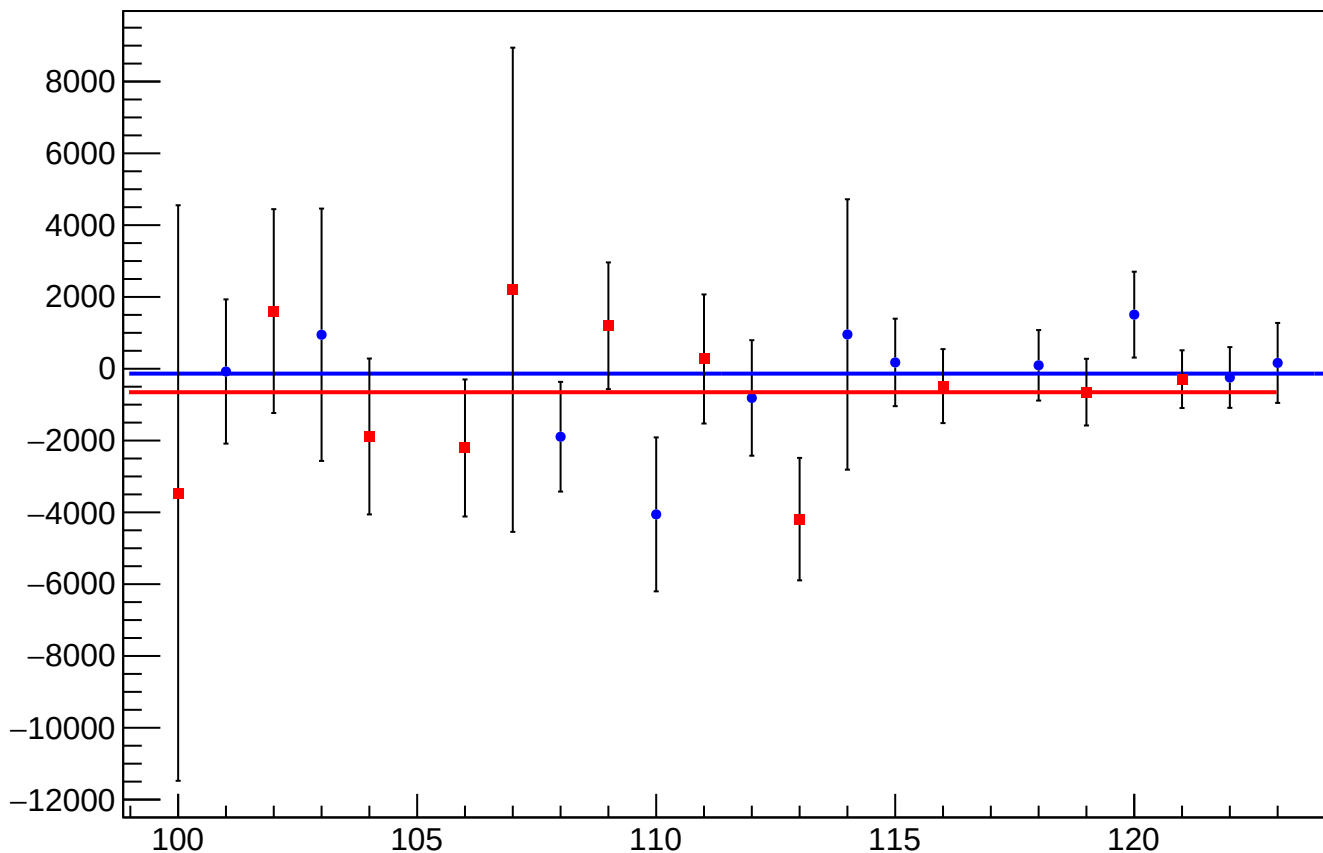
Right: 2062.274+/-0.508 χ^2/NDF : 798726.1/21

In: 2044.325+/-0.739 χ^2/NDF : 636667.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.274+/-0.508 χ^2/NDF : 798726.1/21

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -135.605+/-406.731 χ^2/NDF : 7.1/10

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

Right Out: -653.537+/-435.620 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

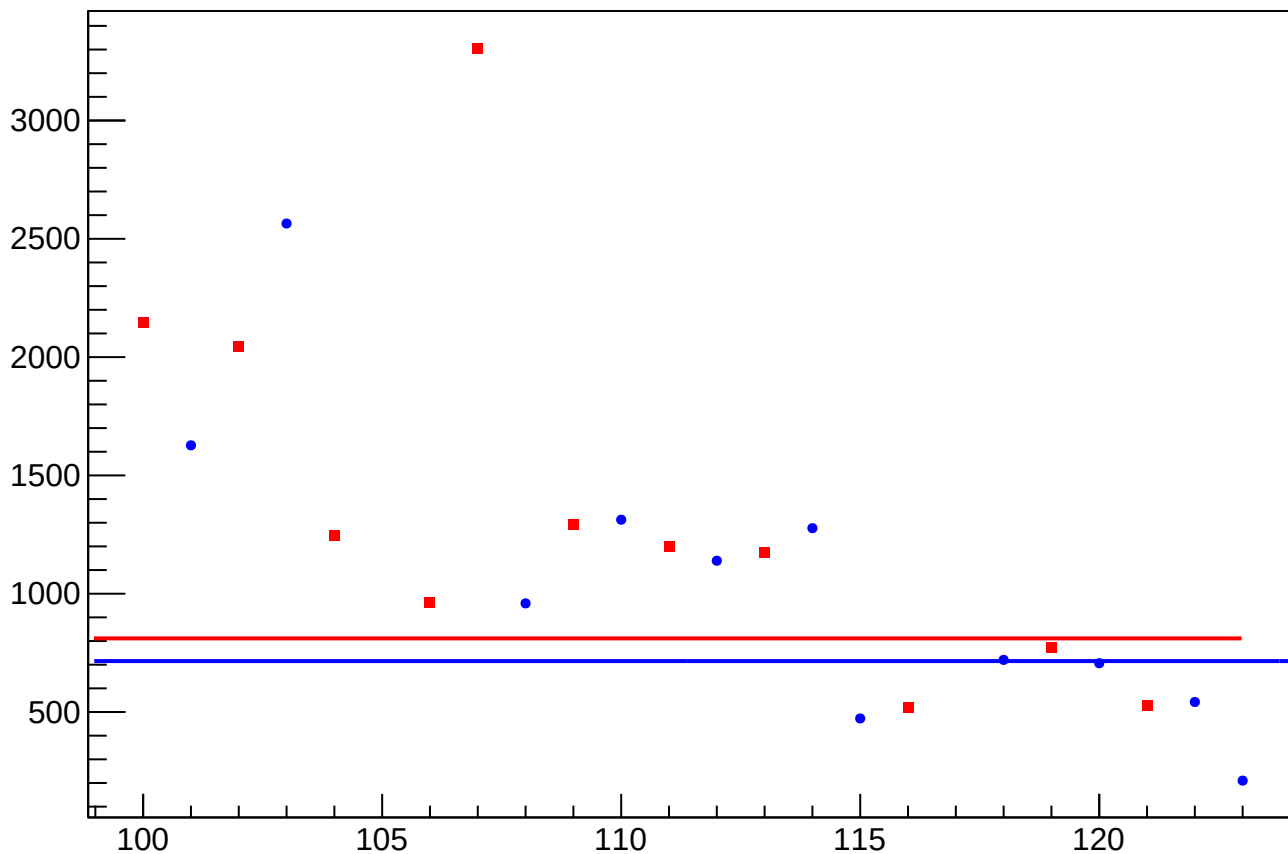
Right: -376.830+/-297.291 χ^2/NDF : 15.7/21

In: -135.605+/-406.731 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.830+/-297.291 χ^2/NDF : 15.7/21

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 715.279+/-0.288 χ^2/NDF : 1930314.3/10

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

Right Out: 811.205+/-0.308 χ^2/NDF : 1548734.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

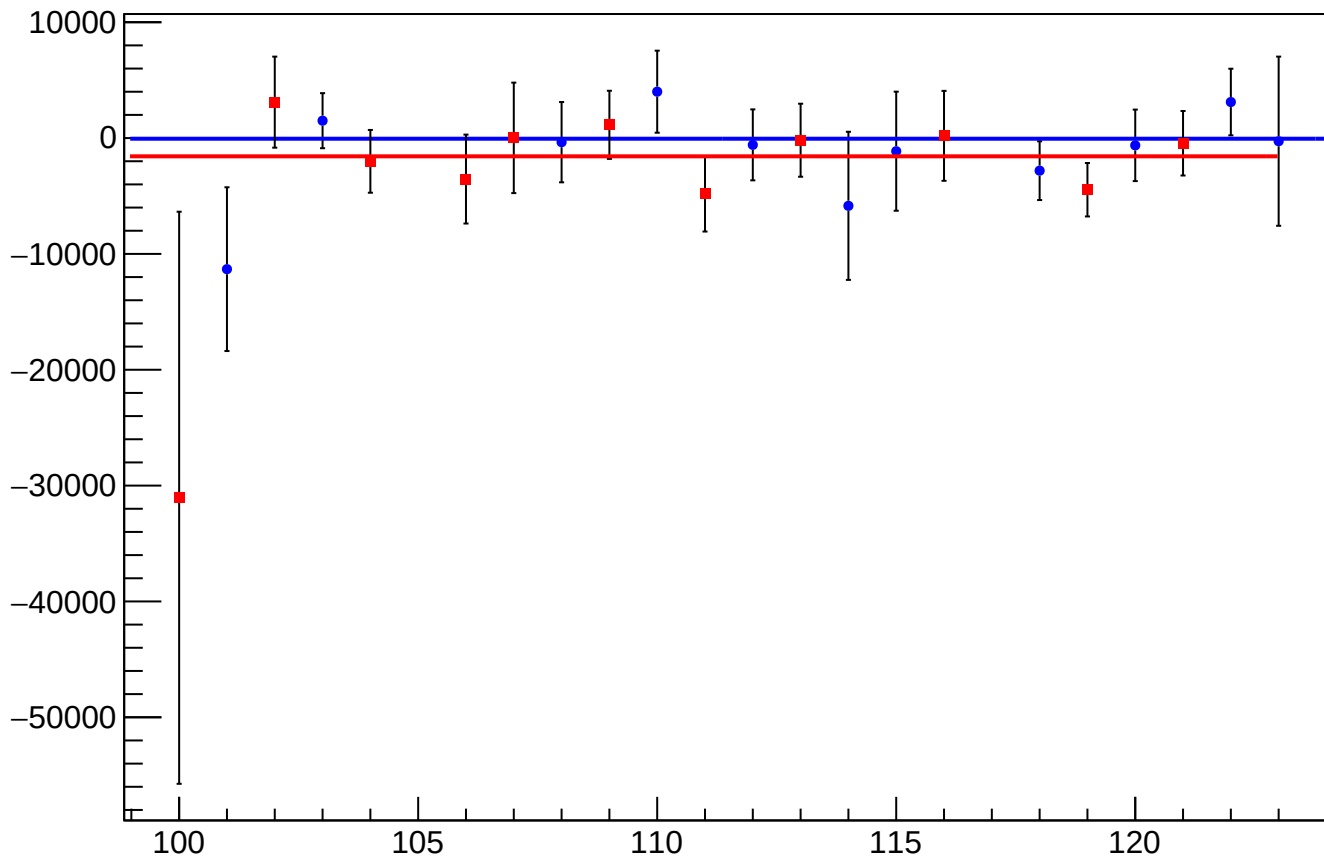
Right: 759.956+/-0.210 χ^2/NDF : 3530861.2/21

In: 715.279+/-0.288 χ^2/NDF : 1930314.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 759.956+/-0.210 χ^2/NDF : 3530861.2/21

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -56.132+/-1037.351 χ^2 /NDF: 7.6/10

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

Right Out: -1575.347+/-995.622 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

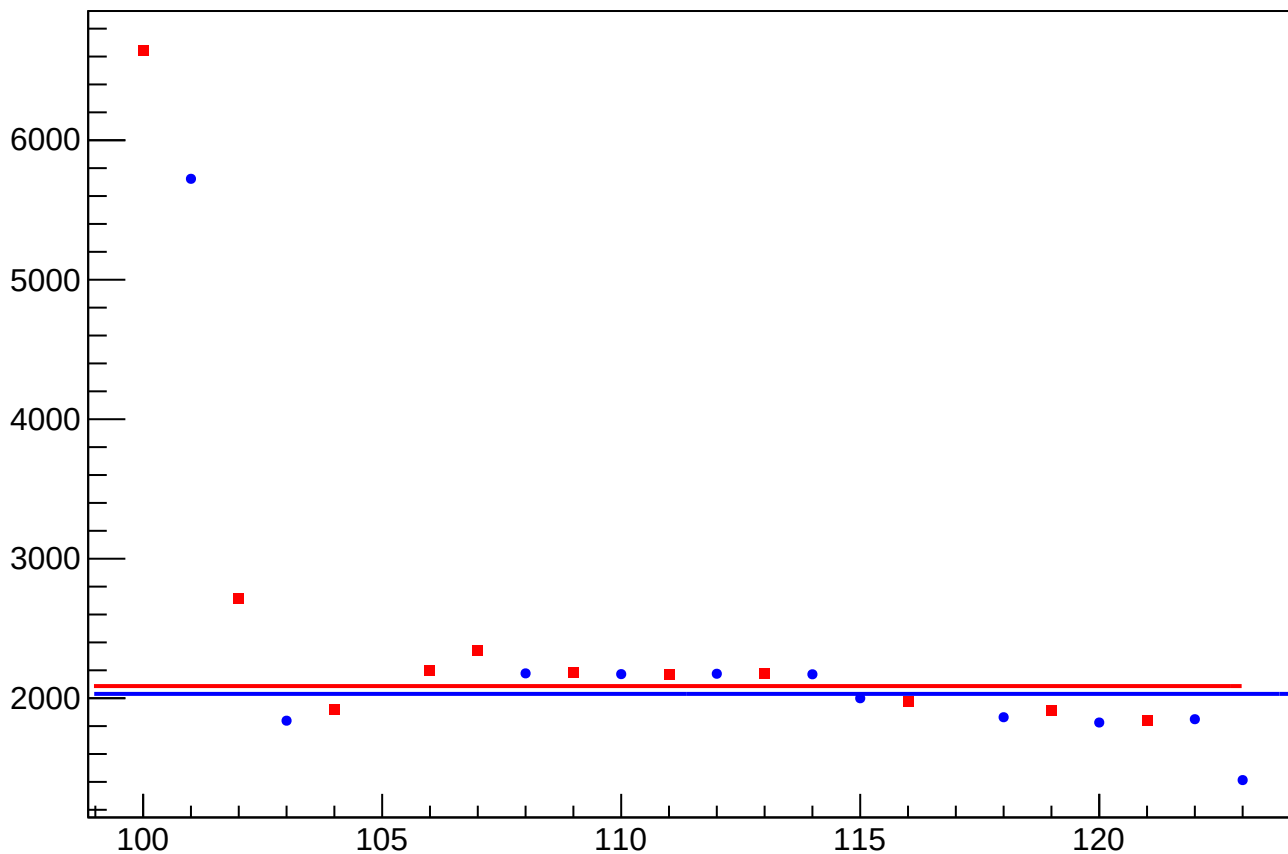
Right: -846.910+/-718.310 χ^2 /NDF: 16.0/21

In: -56.132+/-1037.351 χ^2 /NDF:7.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -846.910+/-718.310 χ^2 /NDF: 16.0/21

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2030.941+/-0.734 χ^2/NDF : 611063.8/10

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

Right Out: 2086.950+/-0.704 χ^2/NDF : 167946.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

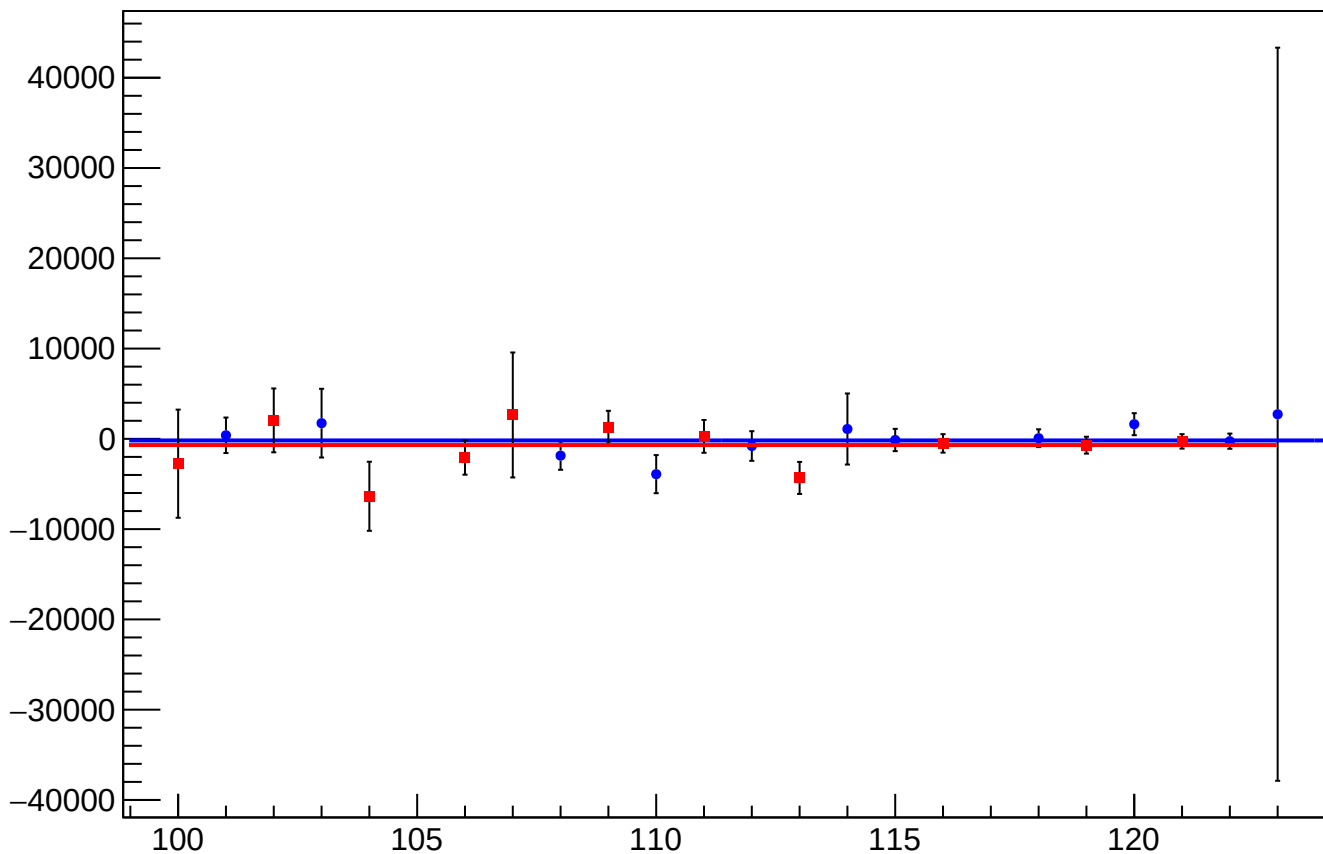
Right: 2060.095+/-0.508 χ^2/NDF : 782045.0/21

In: 2030.941+/-0.734 χ^2/NDF : 611063.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.095+/-0.508 χ^2/NDF : 782045.0/21

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -176.742+/-439.987 χ^2/NDF : 7.1/10

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

Right Out: -687.493+/-444.602 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

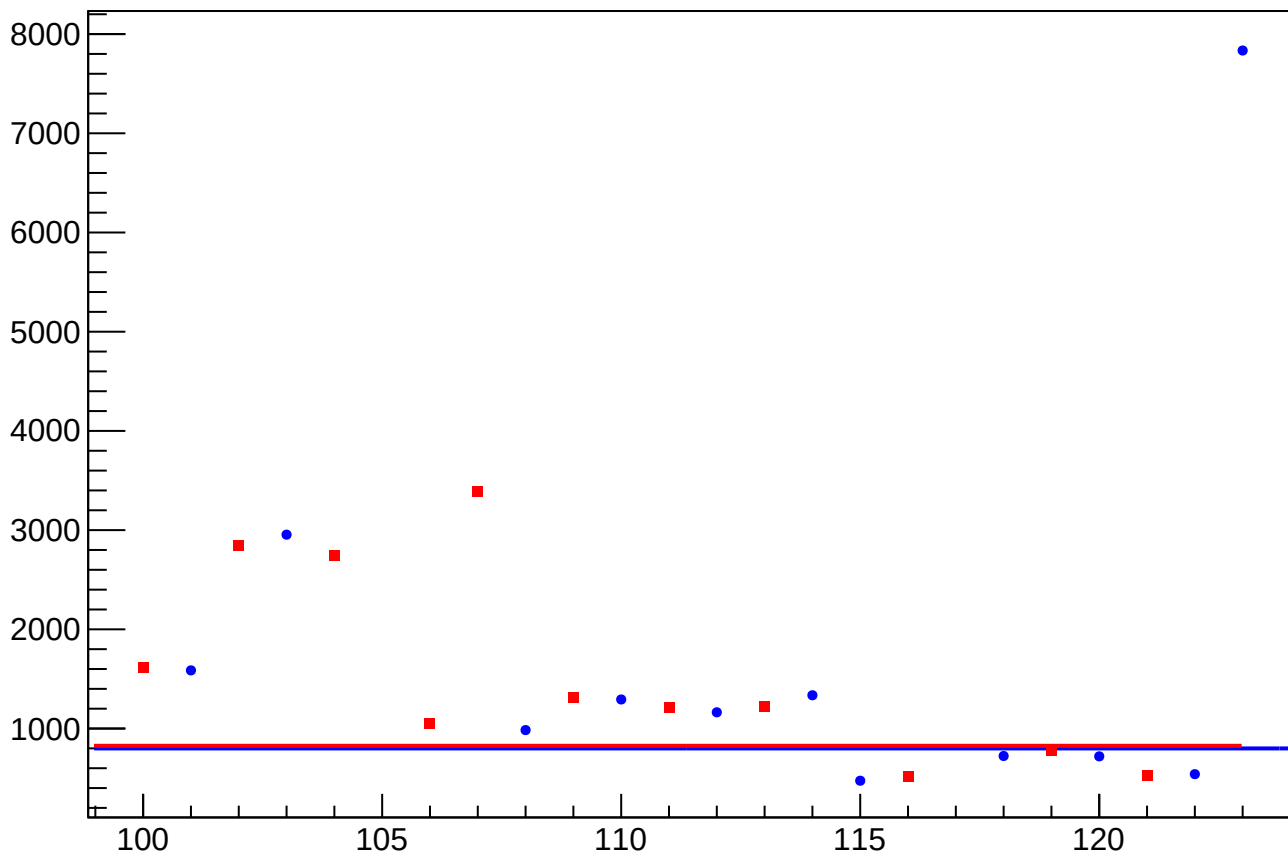
Right: -429.453+/-312.737 χ^2/NDF : 17.5/21

In: -176.742+/-439.987 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -429.453+/-312.737 χ^2/NDF : 17.5/21

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 799.463+/-0.311 χ^2/NDF : 1642719.8/10

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

Right Out: 826.048+/-0.314 χ^2/NDF : 2301781.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

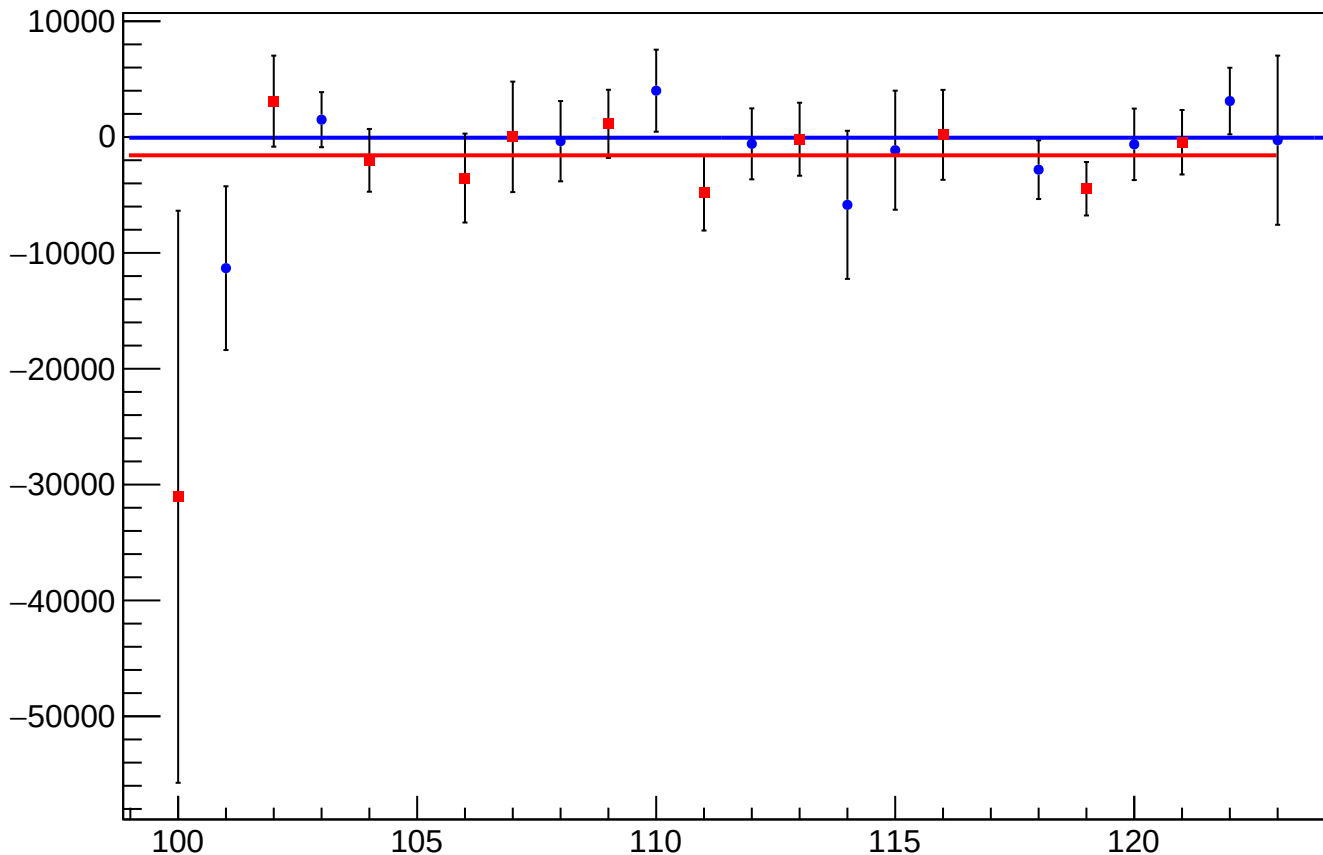
Right: 812.617+/-0.221 χ^2/NDF : 3948113.9/21

In: 799.463+/-0.311 χ^2/NDF : 1642719.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.617+/-0.221 χ^2/NDF : 3948113.9/21

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -56.134+/-1037.351 χ^2 /NDF: 7.6/10

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

Right Out: -1575.348+/-995.622 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

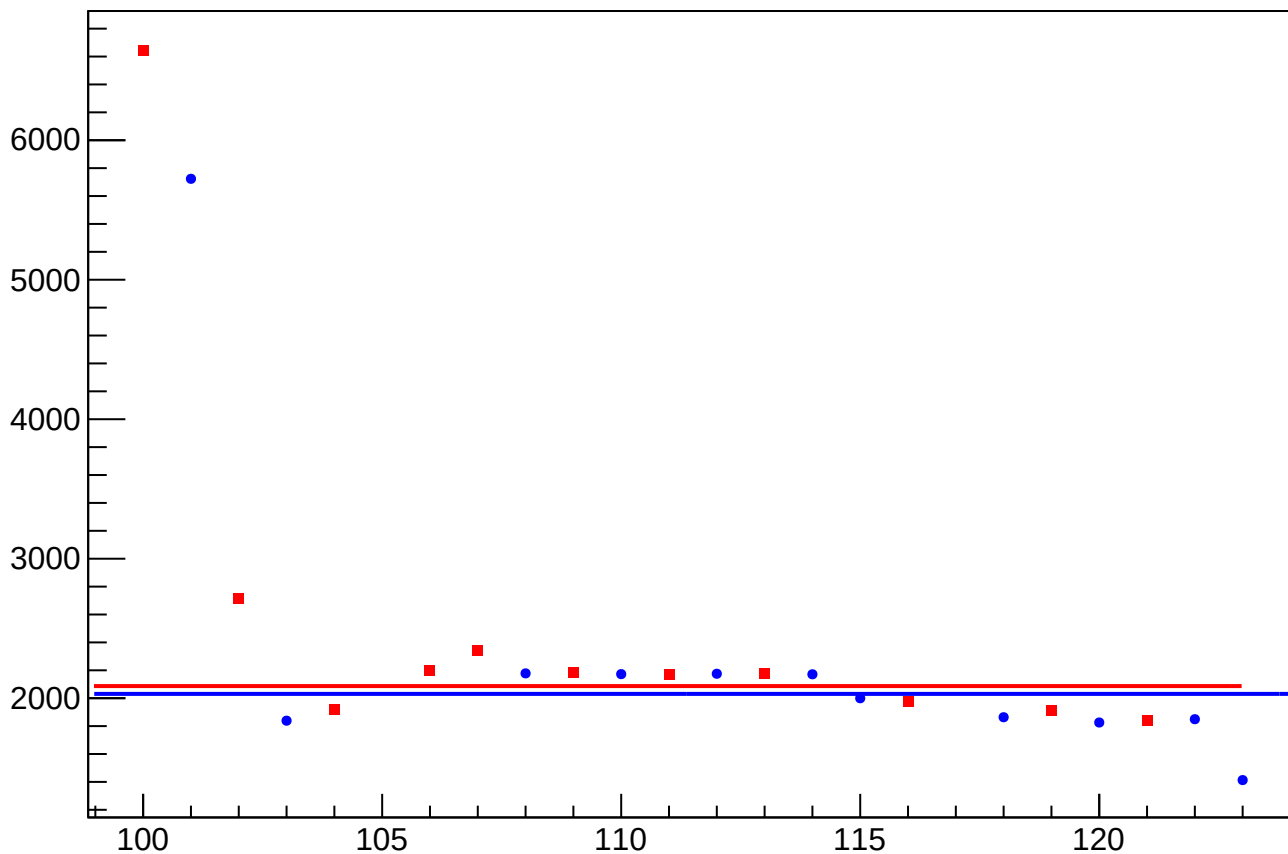
Right: -846.911+/-718.310 χ^2 /NDF: 16.0/21

In: -56.134+/-1037.351 χ^2 /NDF:7.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -846.911+/-718.310 χ^2 /NDF: 16.0/21

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2030.941+/-0.734 χ^2/NDF : 611063.9/10

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

Right Out: 2086.950+/-0.704 χ^2/NDF : 167946.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

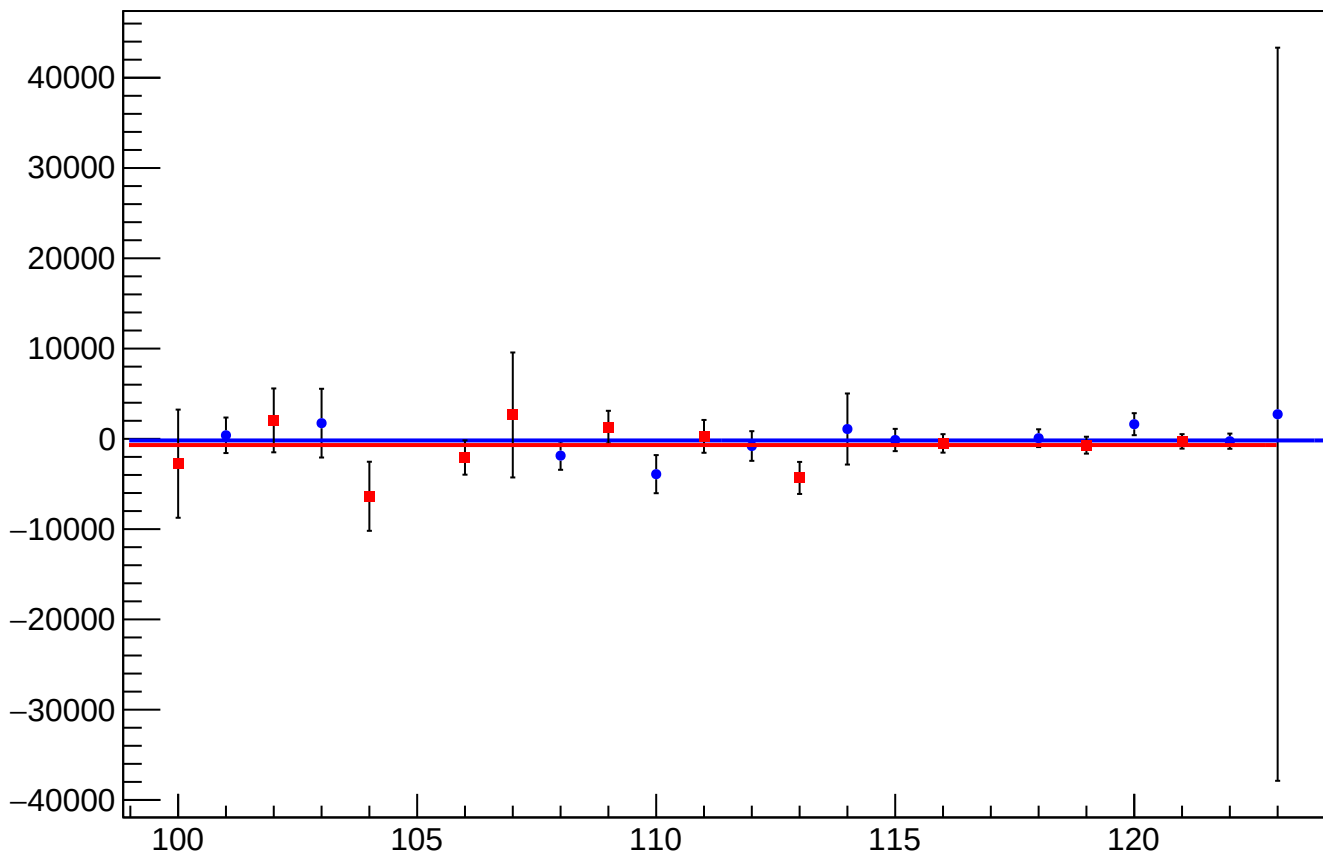
Right: 2060.095+/-0.508 χ^2/NDF : 782045.0/21

In: 2030.941+/-0.734 χ^2/NDF : 611063.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.095+/-0.508 χ^2/NDF : 782045.0/21

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -176.743+/-439.986 χ^2/NDF : 7.1/10

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

Right Out: -687.492+/-444.602 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

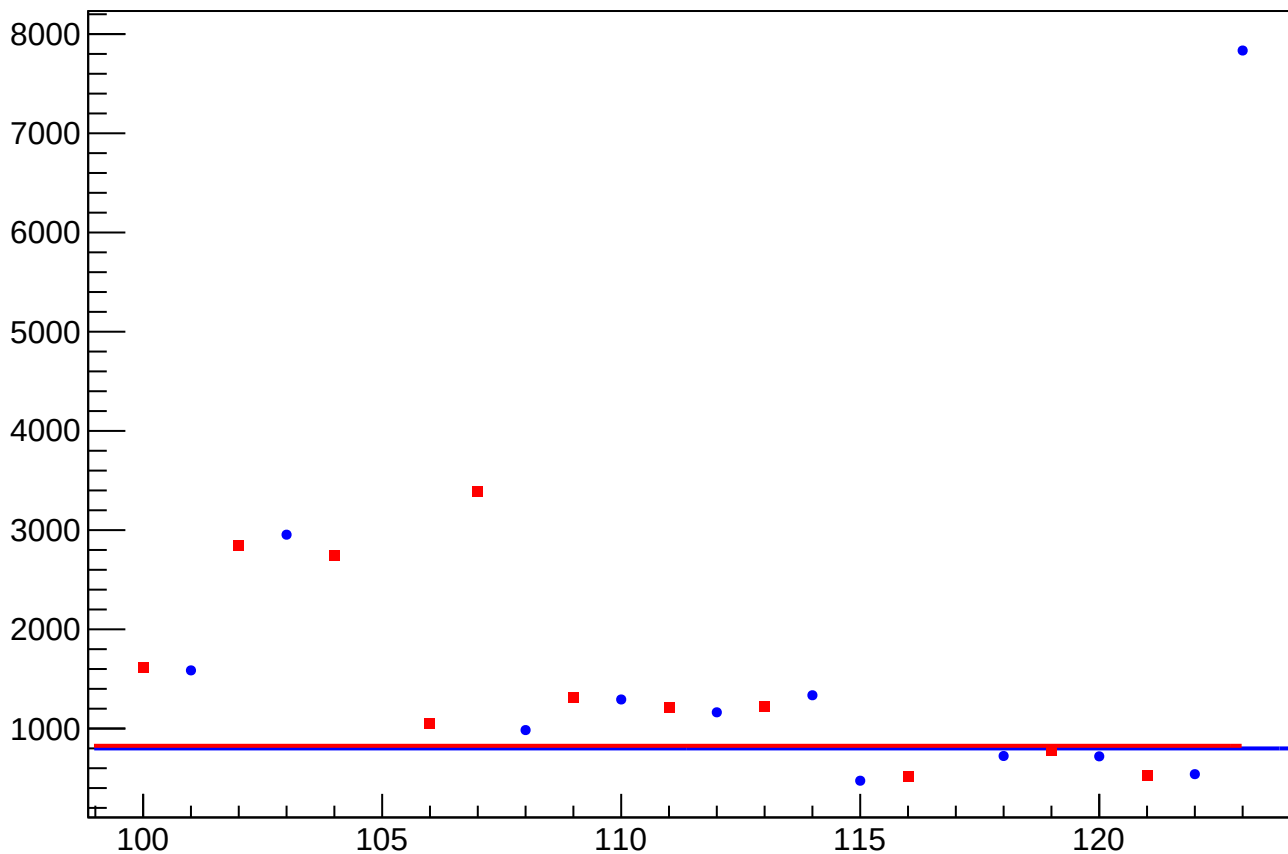
Right: -429.453+/-312.736 χ^2/NDF : 17.5/21

In: -176.743+/-439.986 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -429.453+/-312.736 χ^2/NDF : 17.5/21

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 799.462+/-0.311 χ^2/NDF : 1642722.0/10

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

Right Out: 826.047+/-0.314 χ^2/NDF : 2301784.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

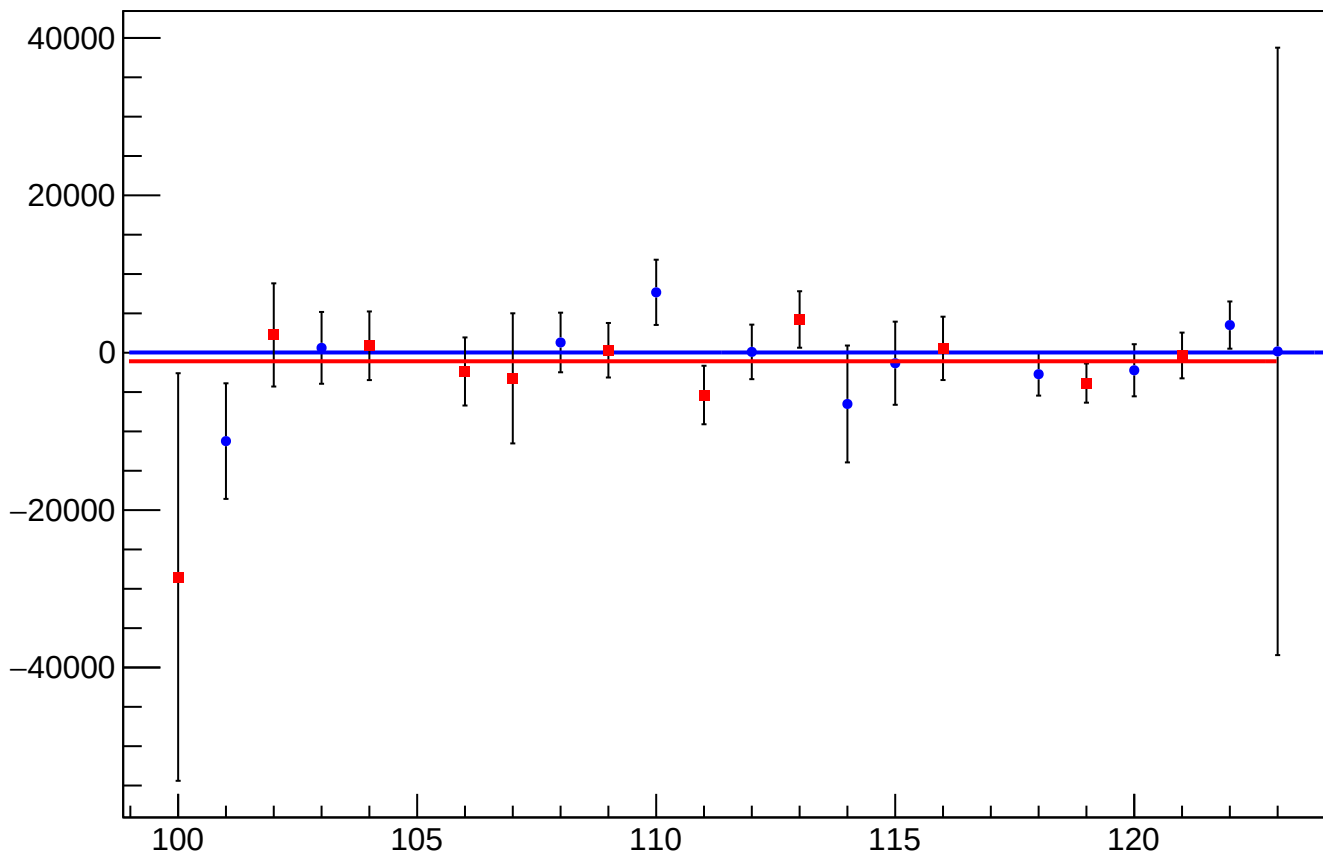
Right: 812.616+/-0.221 χ^2/NDF : 3948119.0/21

In: 799.462+/-0.311 χ^2/NDF : 1642722.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.616+/-0.221 χ^2/NDF : 3948119.0/21

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 32.878+/-1222.289 χ^2 /NDF: 9.6/10

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

Right Out: -1086.643+/-1178.346 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

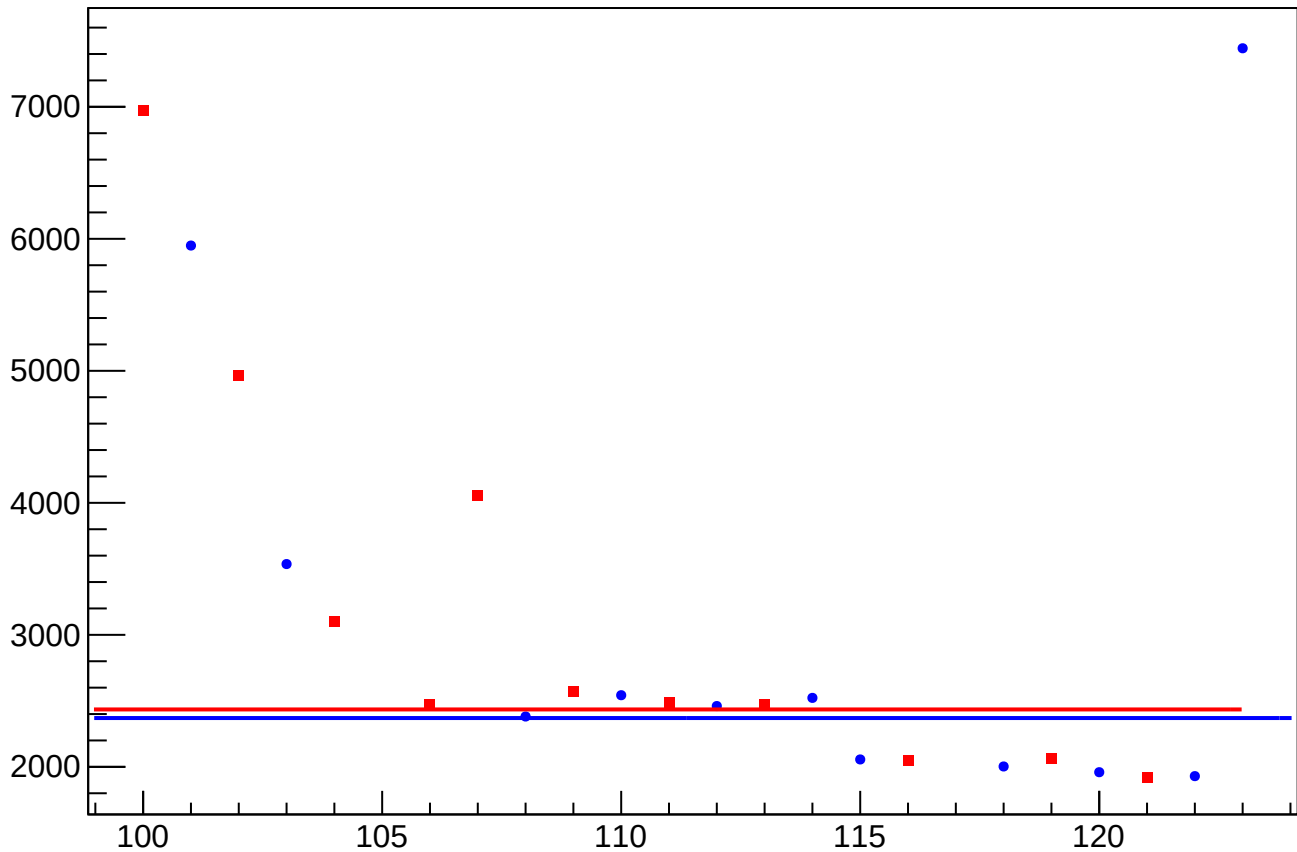
Right: -547.369+/-848.326 χ^2 /NDF: 16.9/21

In: 32.878+/-1222.289 χ^2 /NDF:9.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -547.369+/-848.326 χ^2 /NDF: 16.9/21

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2369.792+/-0.864 χ^2/NDF : 762858.5/10

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

Right Out: 2434.922+/-0.833 χ^2/NDF : 613028.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

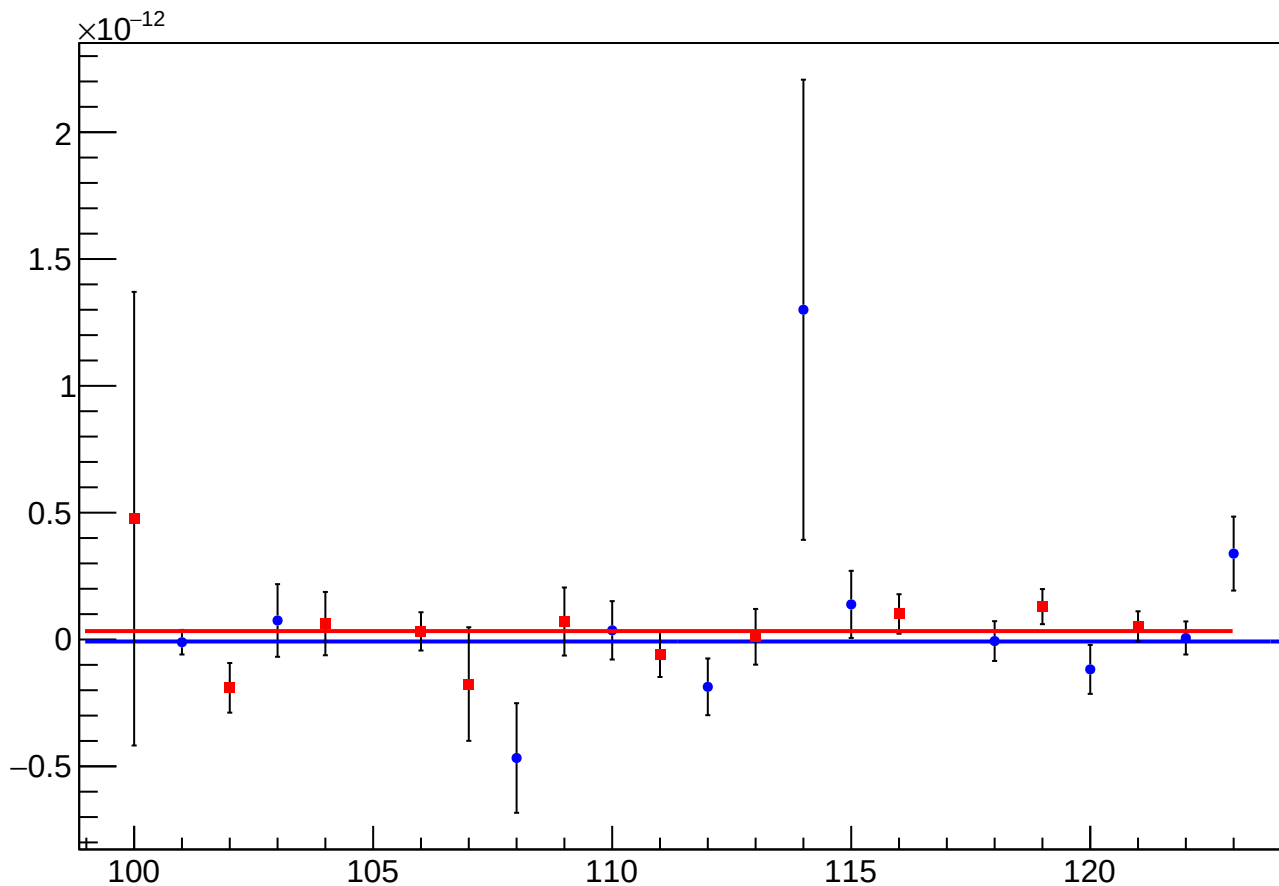
Right: 2403.549+/-0.600 χ^2/NDF : 1378830.4/21

In: 2369.792+/-0.864 χ^2/NDF : 762858.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2403.549+/-0.600 χ^2/NDF : 1378830.4/21

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.8/10

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

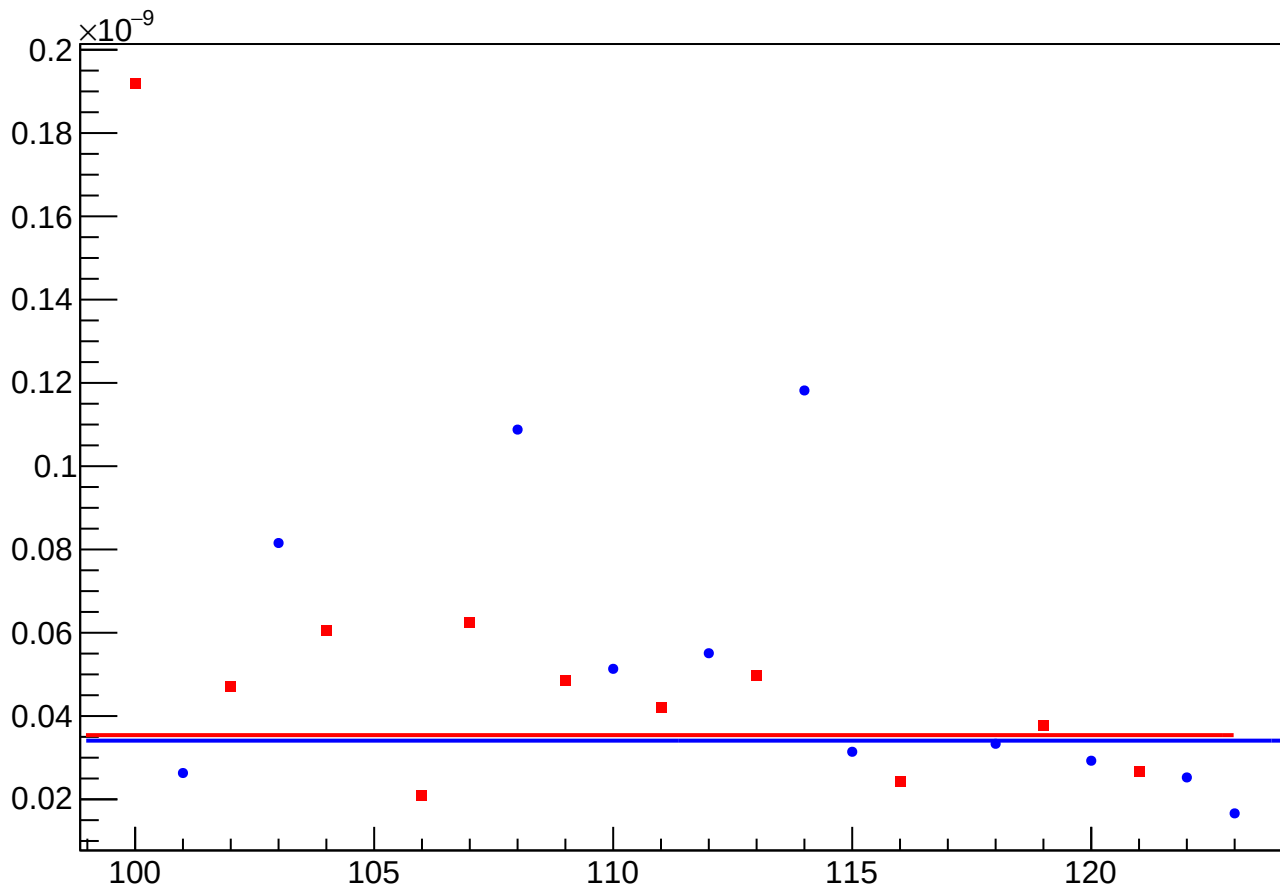
Right: 0.000+/-0.000 χ^2/NDF : 29.3/21

In: -0.000+/-0.000 χ^2/NDF : 17.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/21

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 714103.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 422005.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

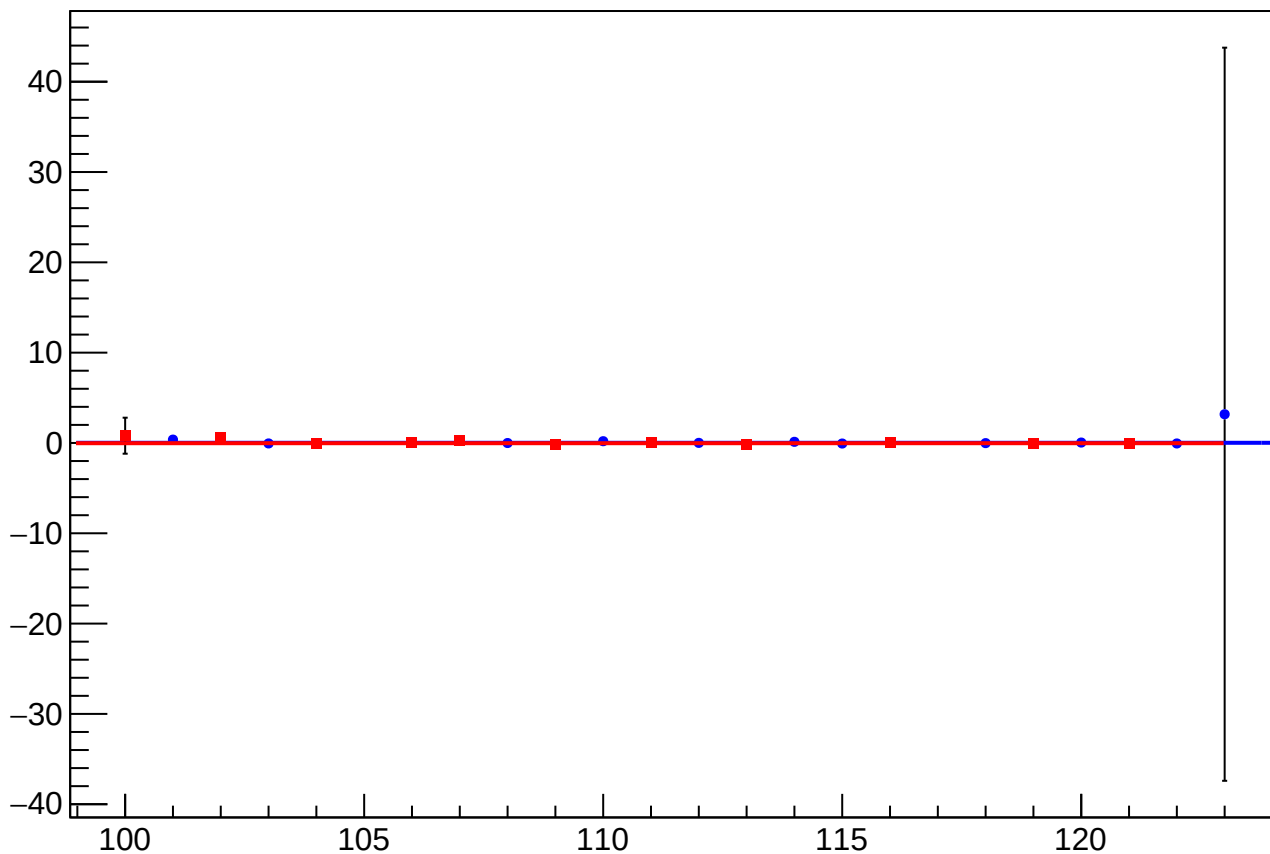
Right: 0.000+/-0.000 χ^2/NDF : 1138337.5/21

In: 0.000+/-0.000 χ^2/NDF : 714103.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1138337.5/21

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 13.6/10

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

Right Out: -0.026+/-0.023 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

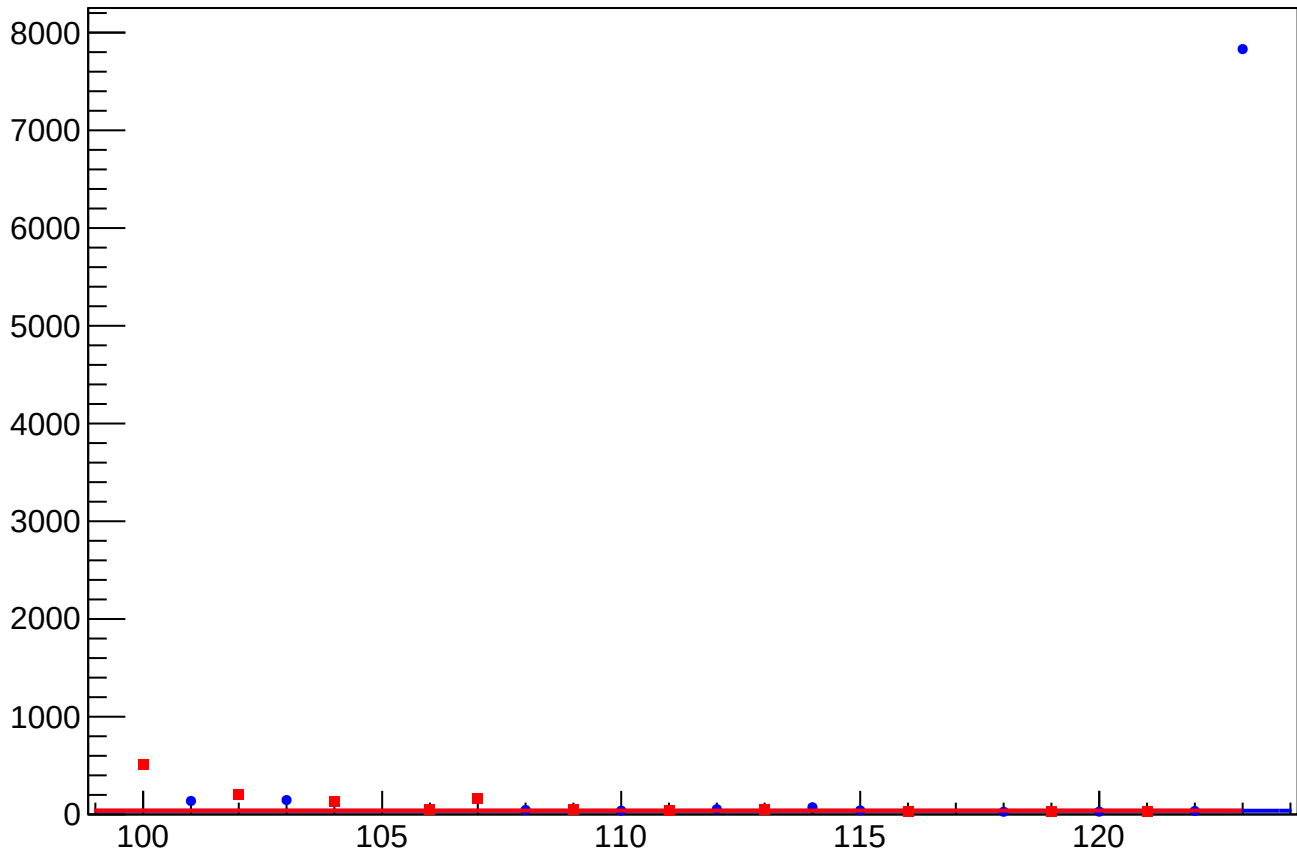
Right: -0.003+/-0.016 χ^2/NDF : 24.2/21

In: 0.019+/-0.023 χ^2/NDF : 13.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.016 χ^2/NDF : 24.2/21

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.078+/-0.016 χ^2/NDF : 1639615.1/10

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

Right Out: 39.365+/-0.017 χ^2/NDF : 1465627.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

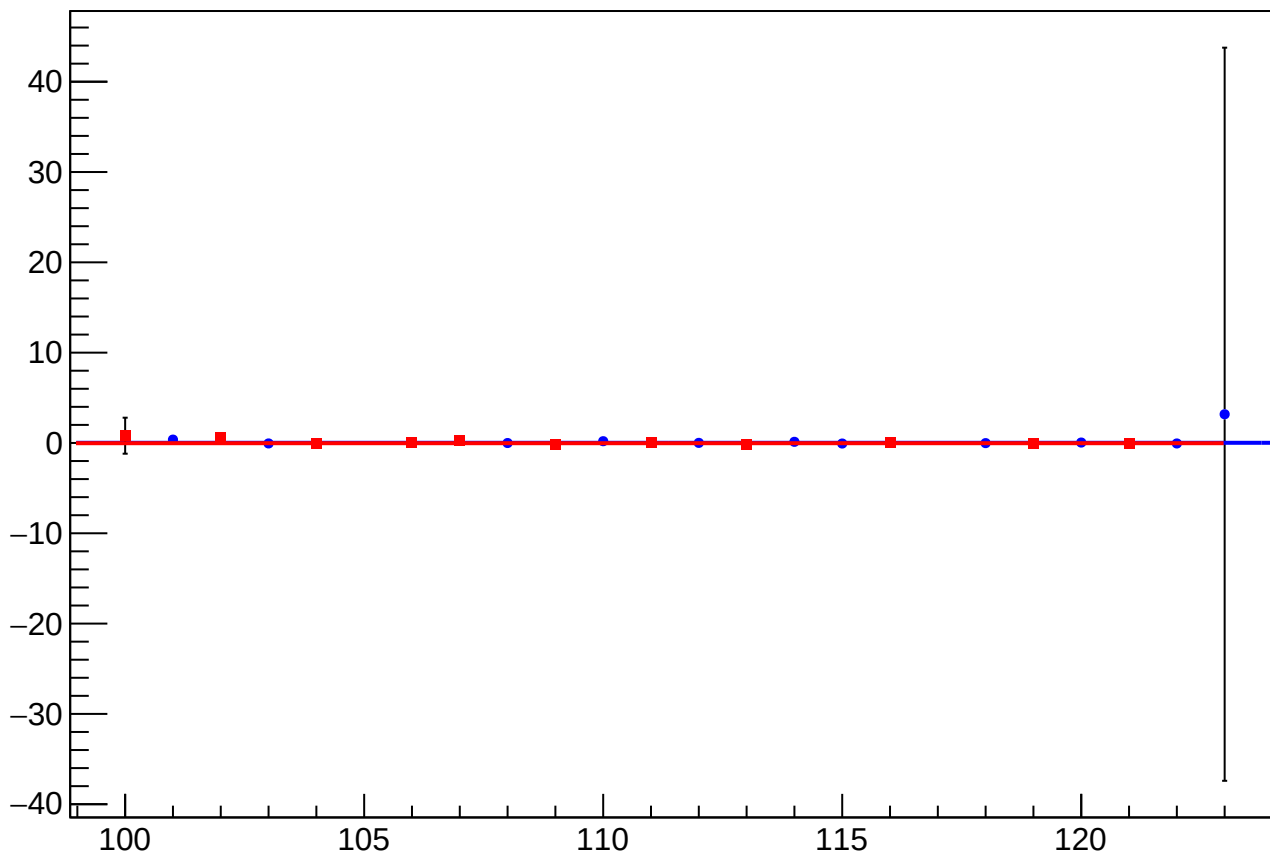
Right: 38.706+/-0.012 χ^2/NDF : 3108353.3/21

In: 38.078+/-0.016 χ^2/NDF : 1639615.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.706+/-0.012 χ^2/NDF : 3108353.3/21

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 13.6/10

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

Right Out: -0.026+/-0.023 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

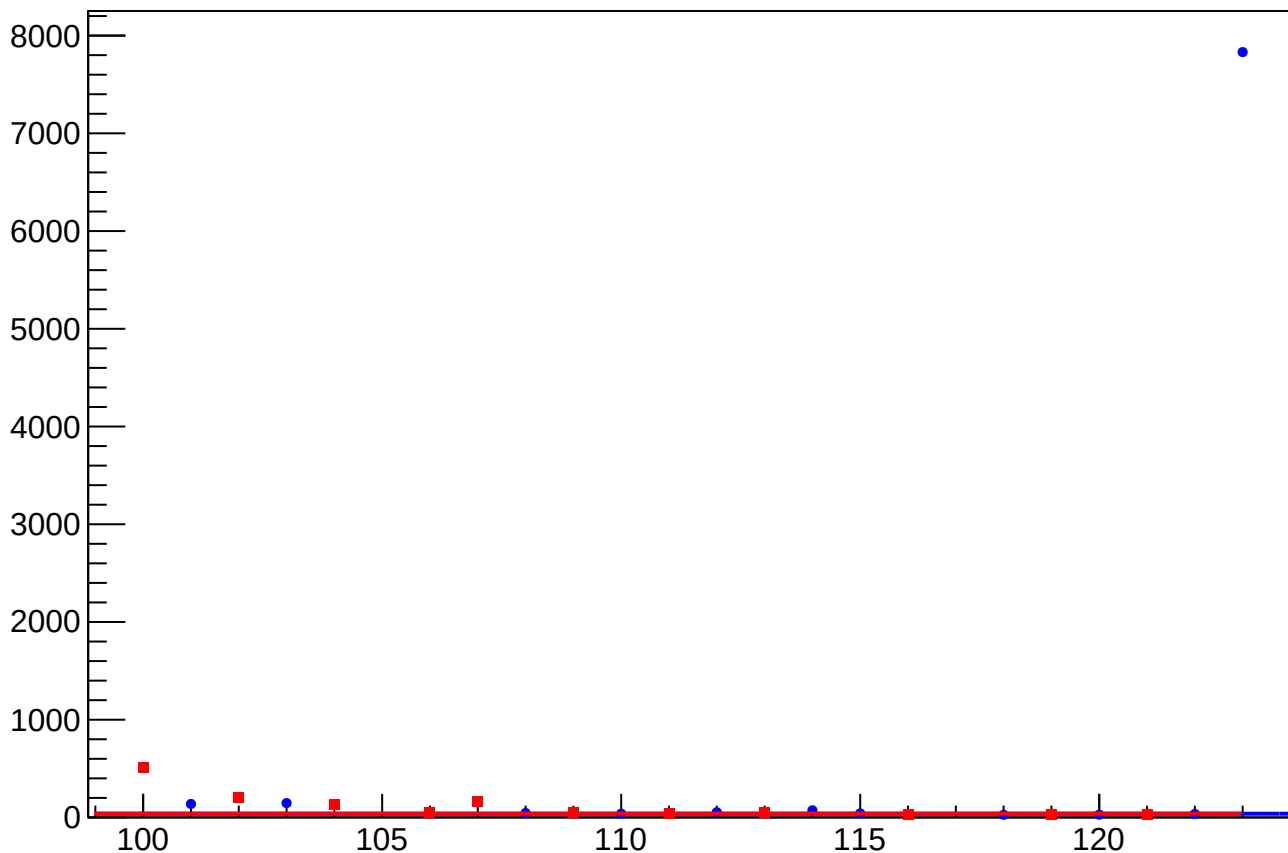
Right: -0.003+/-0.016 χ^2/NDF : 24.2/21

In: 0.019+/-0.023 χ^2/NDF : 13.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.016 χ^2/NDF : 24.2/21

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.078+/-0.016 χ^2/NDF : 1639615.1/10

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

Right Out: 39.365+/-0.017 χ^2/NDF : 1465627.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

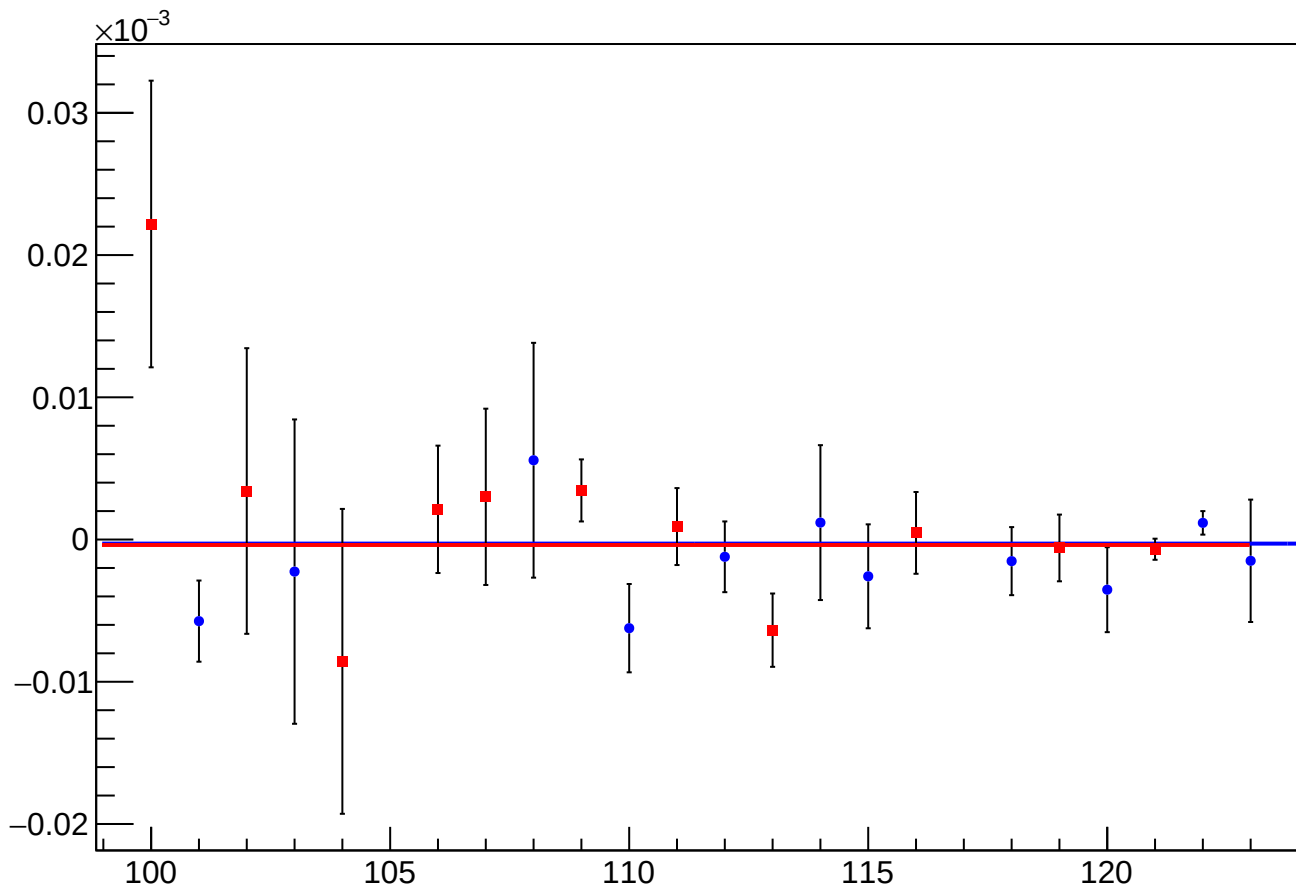
Right: 38.706+/-0.012 χ^2/NDF : 3108353.3/21

In: 38.078+/-0.016 χ^2/NDF : 1639615.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.706+/-0.012 χ^2/NDF : 3108353.3/21

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.1/10

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

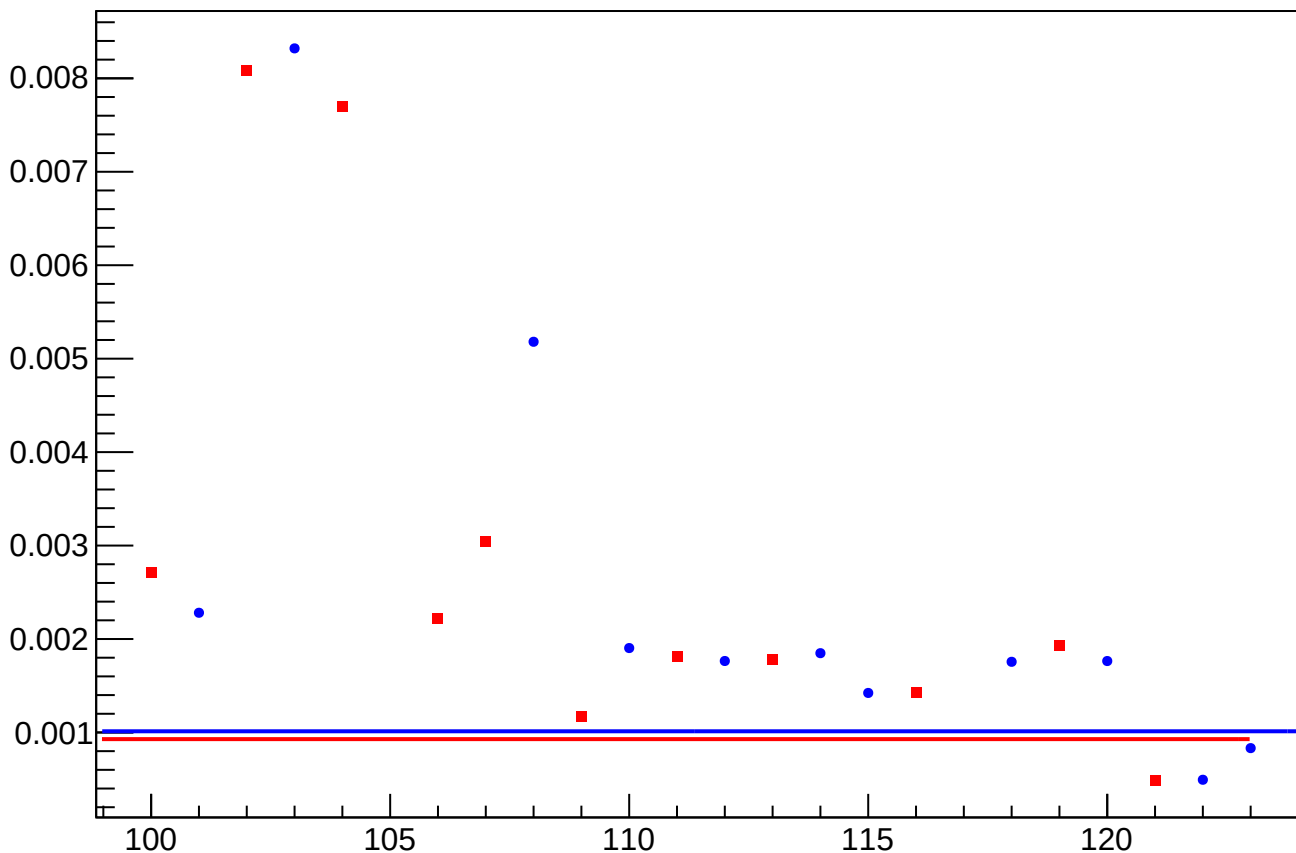
Right: -0.000+/-0.000 χ^2 /NDF: 28.4/21

In: -0.000+/-0.000 χ^2 /NDF:13.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.4/21

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3368046.5/10

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3879515.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

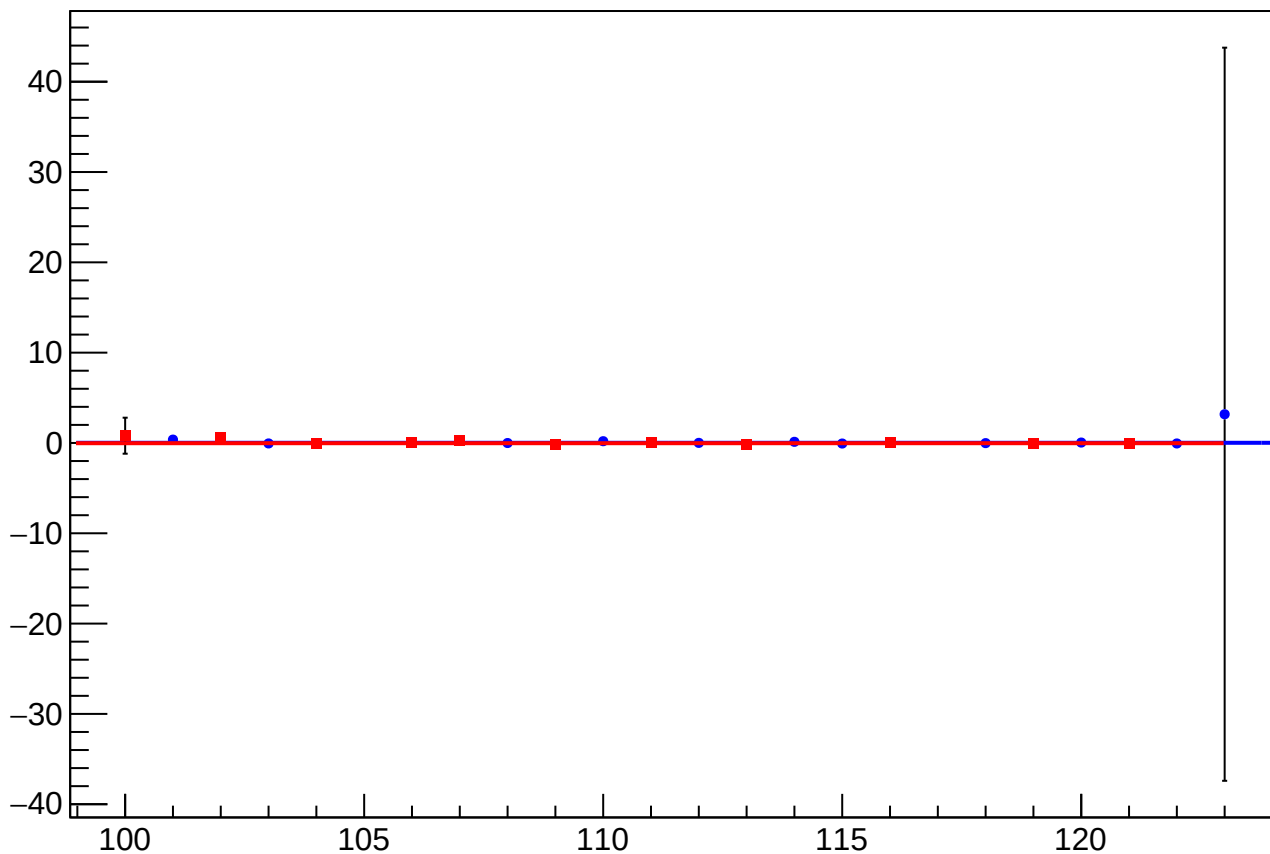
Right: 0.001+/-0.000 χ^2/NDF : 7265196.9/21

In: 0.001+/-0.000 χ^2/NDF :3368046.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7265196.9/21

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 13.6/10

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

Right Out: -0.026+/-0.023 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

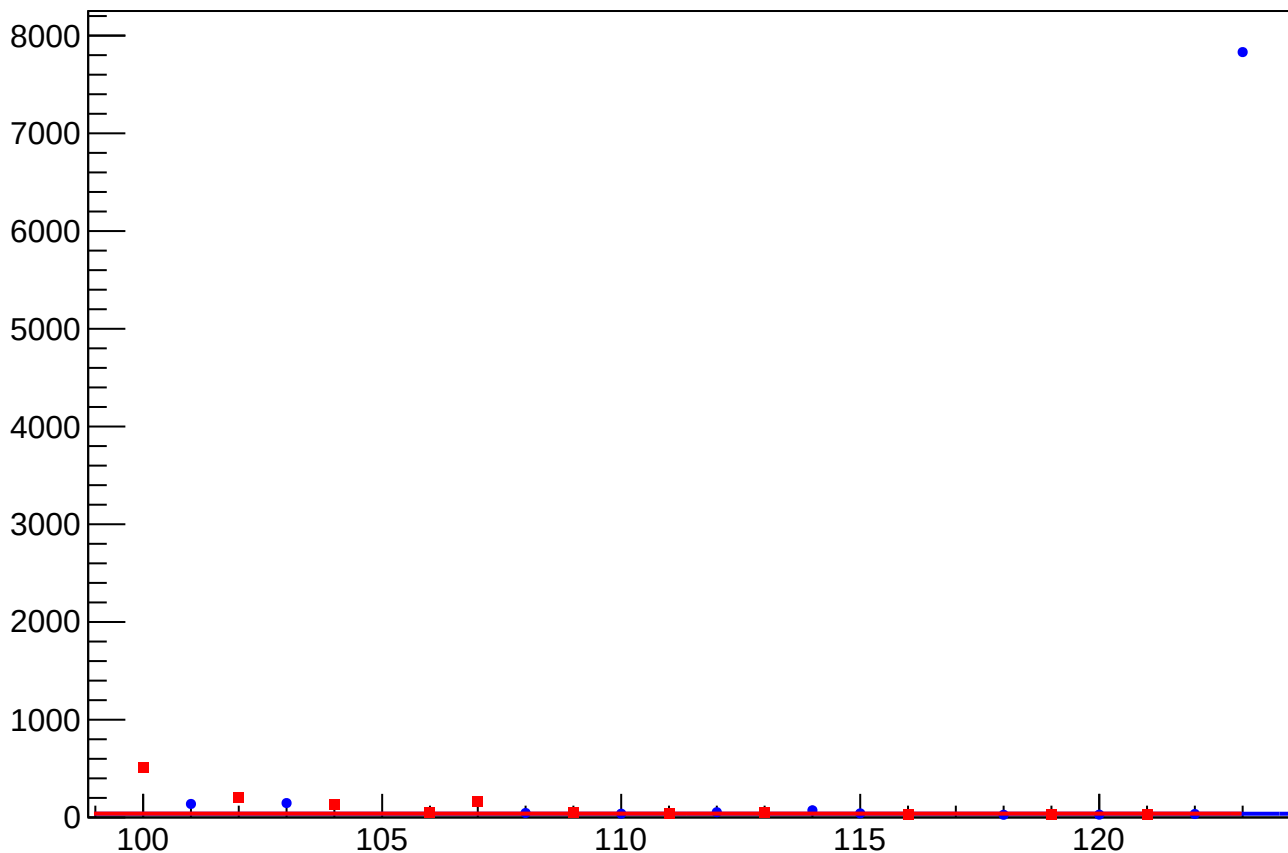
Right: -0.003+/-0.016 χ^2/NDF : 24.2/21

In: 0.019+/-0.023 χ^2/NDF : 13.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.016 χ^2/NDF : 24.2/21

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.078+/-0.016 χ^2/NDF : 1639585.5/10

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

Right Out: 39.365+/-0.017 χ^2/NDF : 1465610.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

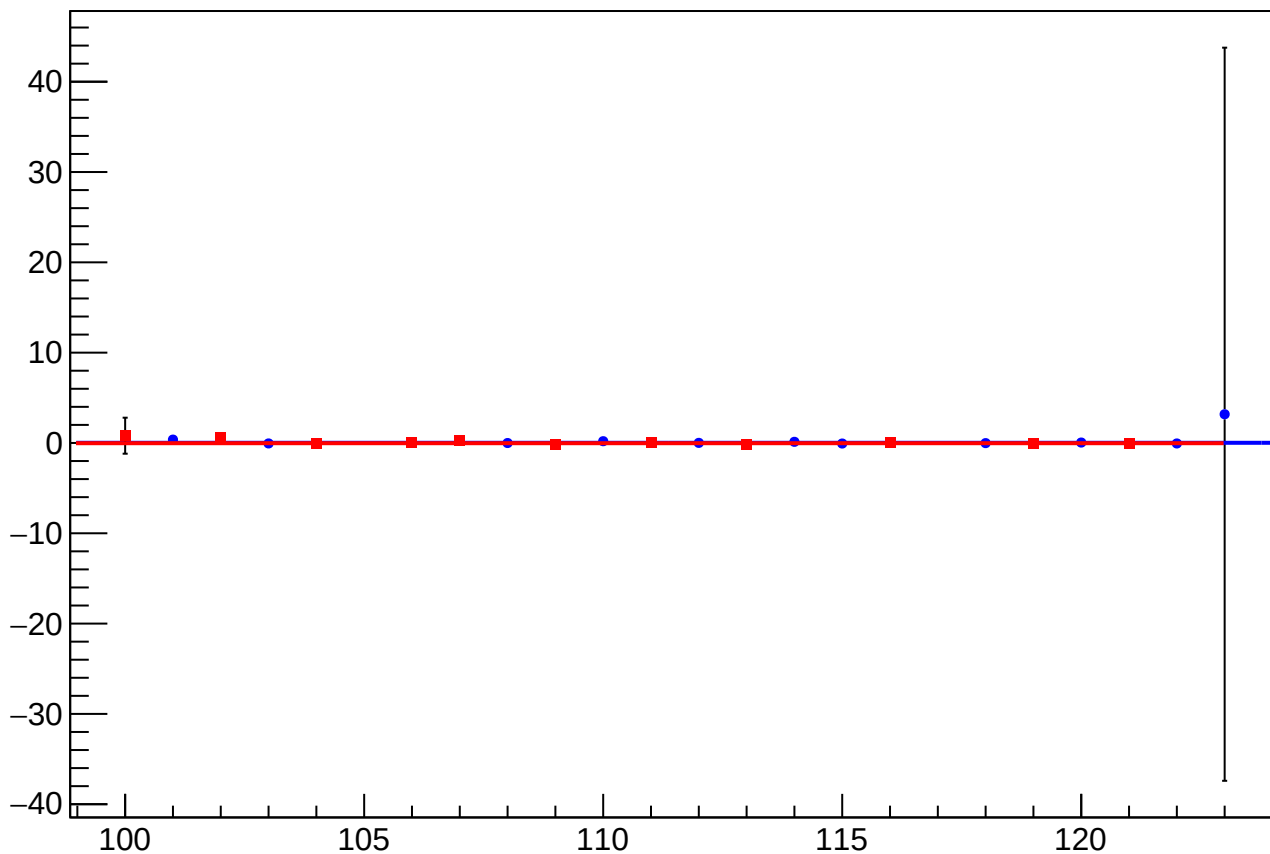
Right: 38.706+/-0.012 χ^2/NDF : 3108304.0/21

In: 38.078+/-0.016 χ^2/NDF : 1639585.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.706+/-0.012 χ^2/NDF : 3108304.0/21

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.023 χ^2 /NDF: 13.6/10

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

Right Out: -0.026 $\pm$ 0.023 χ^2 /NDF: 8.7/10

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

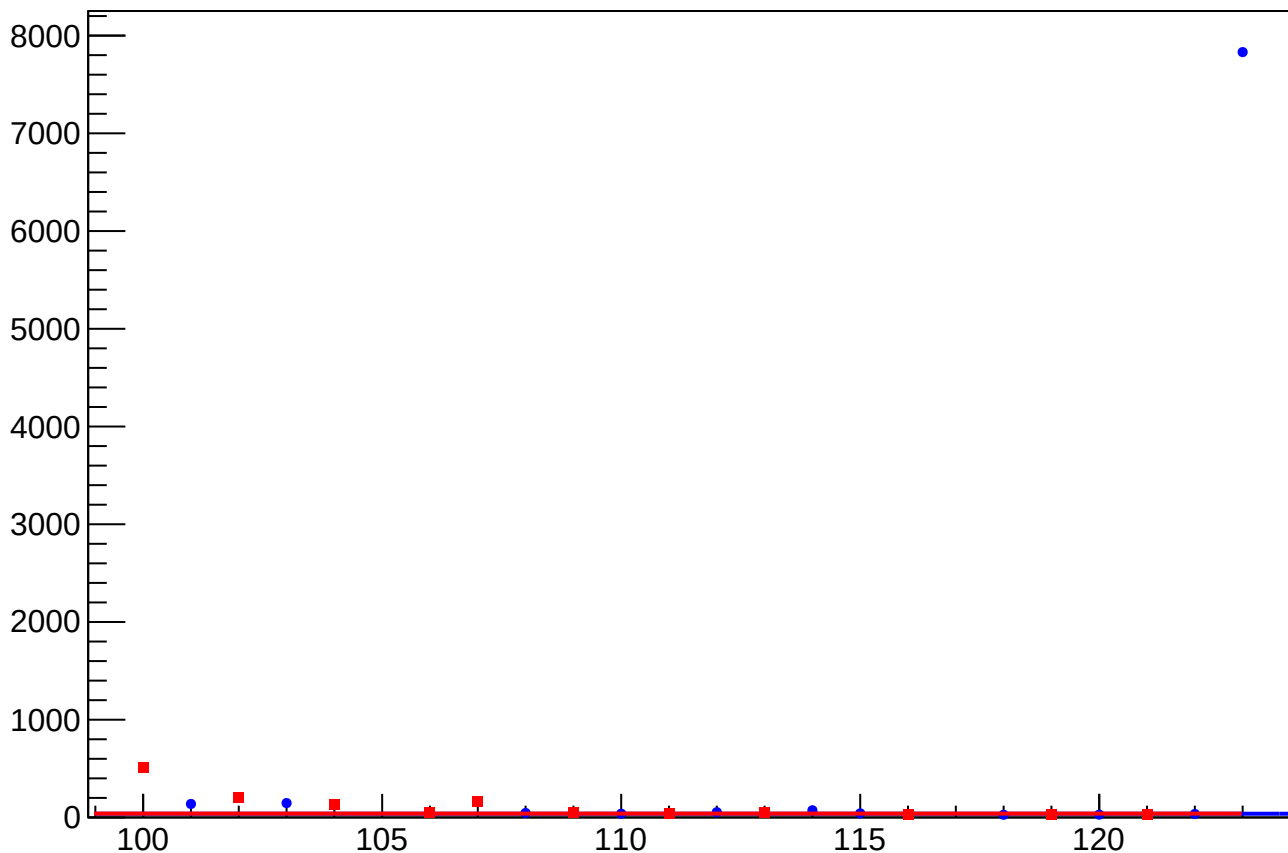
Right: -0.003 $\pm$ 0.016 χ^2 /NDF: 24.2/21

In: 0.019 $\pm$ 0.023 χ^2 /NDF:13.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.016 χ^2 /NDF: 24.2/21

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.078+/-0.016 χ^2/NDF : 1639585.5/10

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

Right Out: 39.365+/-0.017 χ^2/NDF : 1465610.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

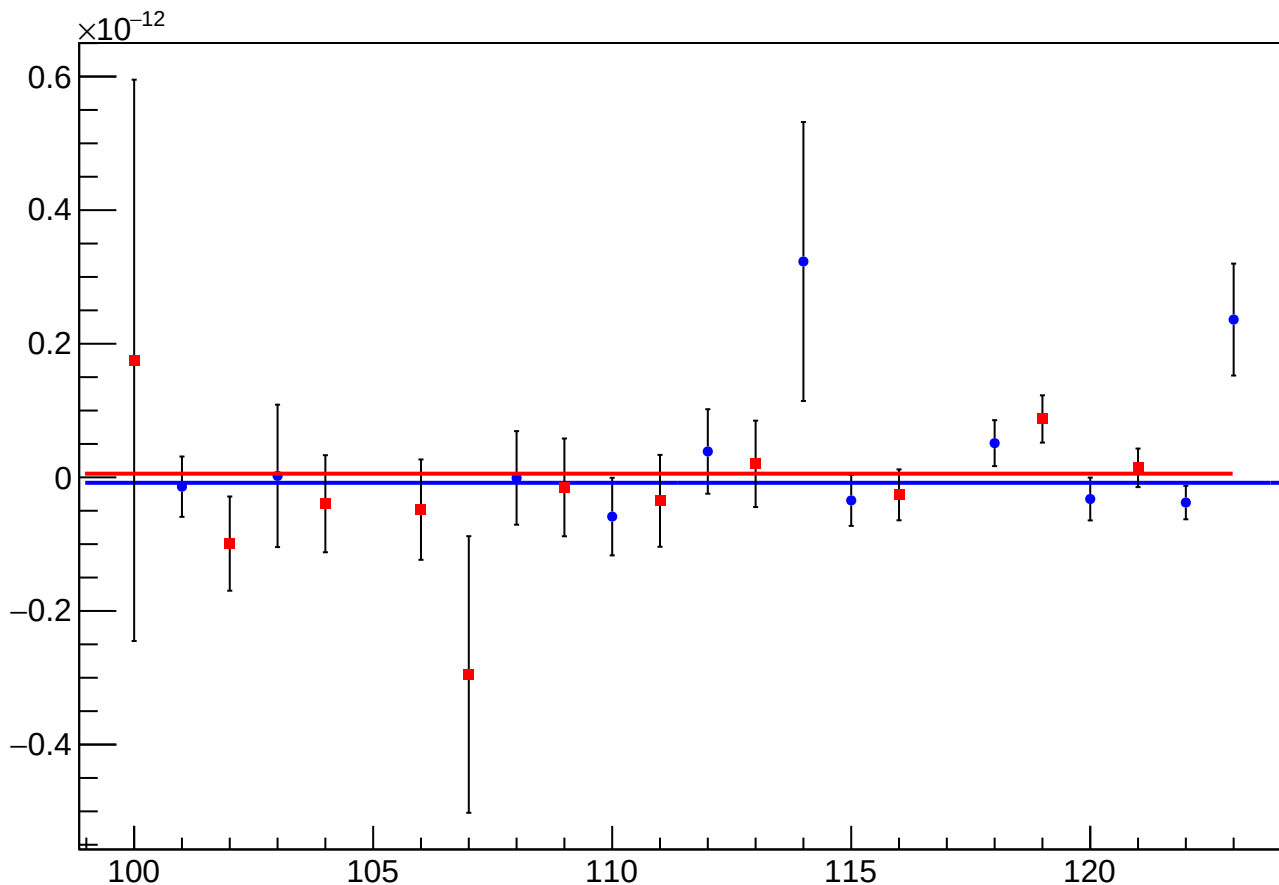
Right: 38.706+/-0.012 χ^2/NDF : 3108304.0/21

In: 38.078+/-0.016 χ^2/NDF : 1639585.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.706+/-0.012 χ^2/NDF : 3108304.0/21

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 17.8/10

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

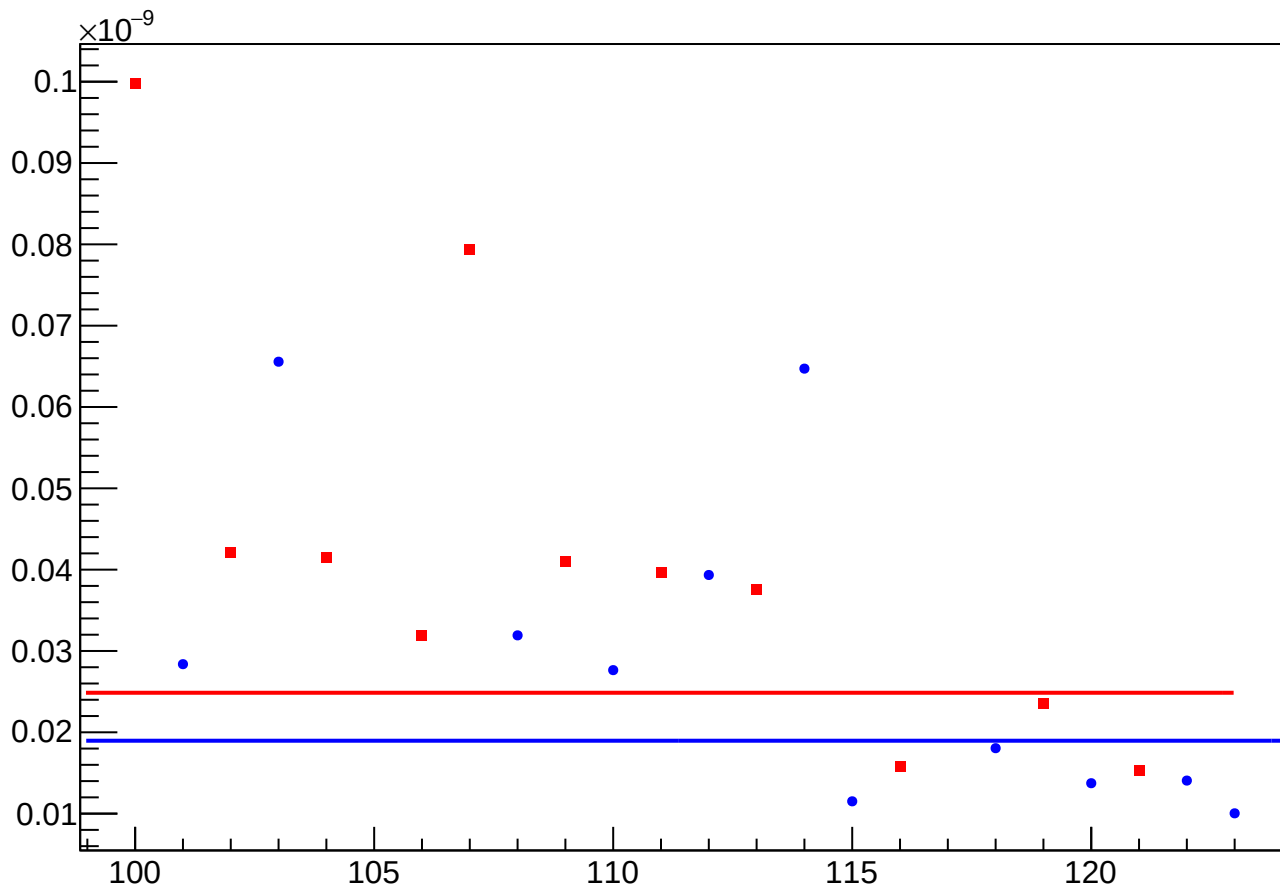
Right: -0.000+/-0.000 χ^2 /NDF: 30.2/21

In: -0.000+/-0.000 χ^2 /NDF:17.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.2/21

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1116395.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1046002.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

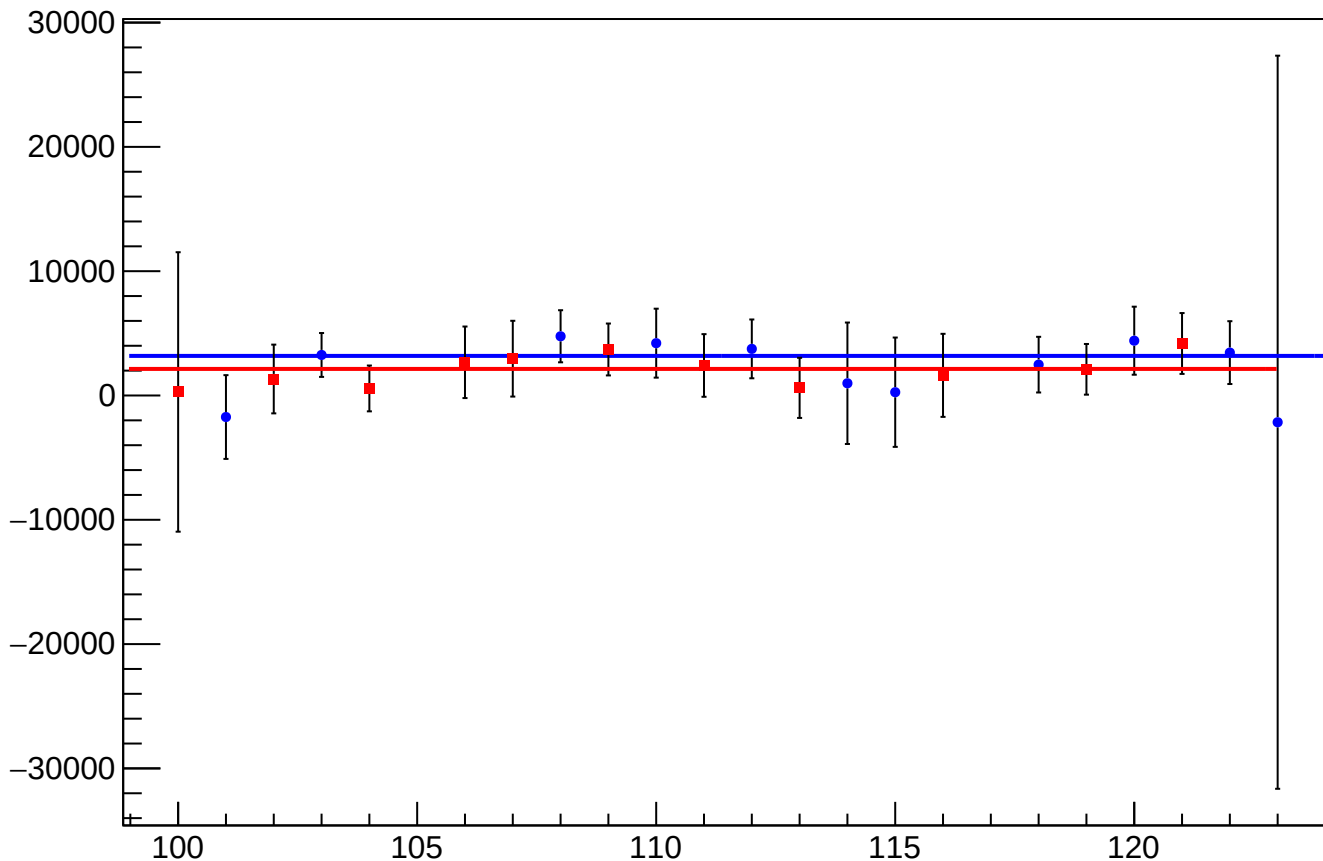
Right: 0.000+/-0.000 χ^2/NDF : 2322861.2/21

In: 0.000+/-0.000 χ^2/NDF : 1116395.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2322861.2/21

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3184.698+/-808.452 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2137.100+/-763.235 χ^2/NDF : 2.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

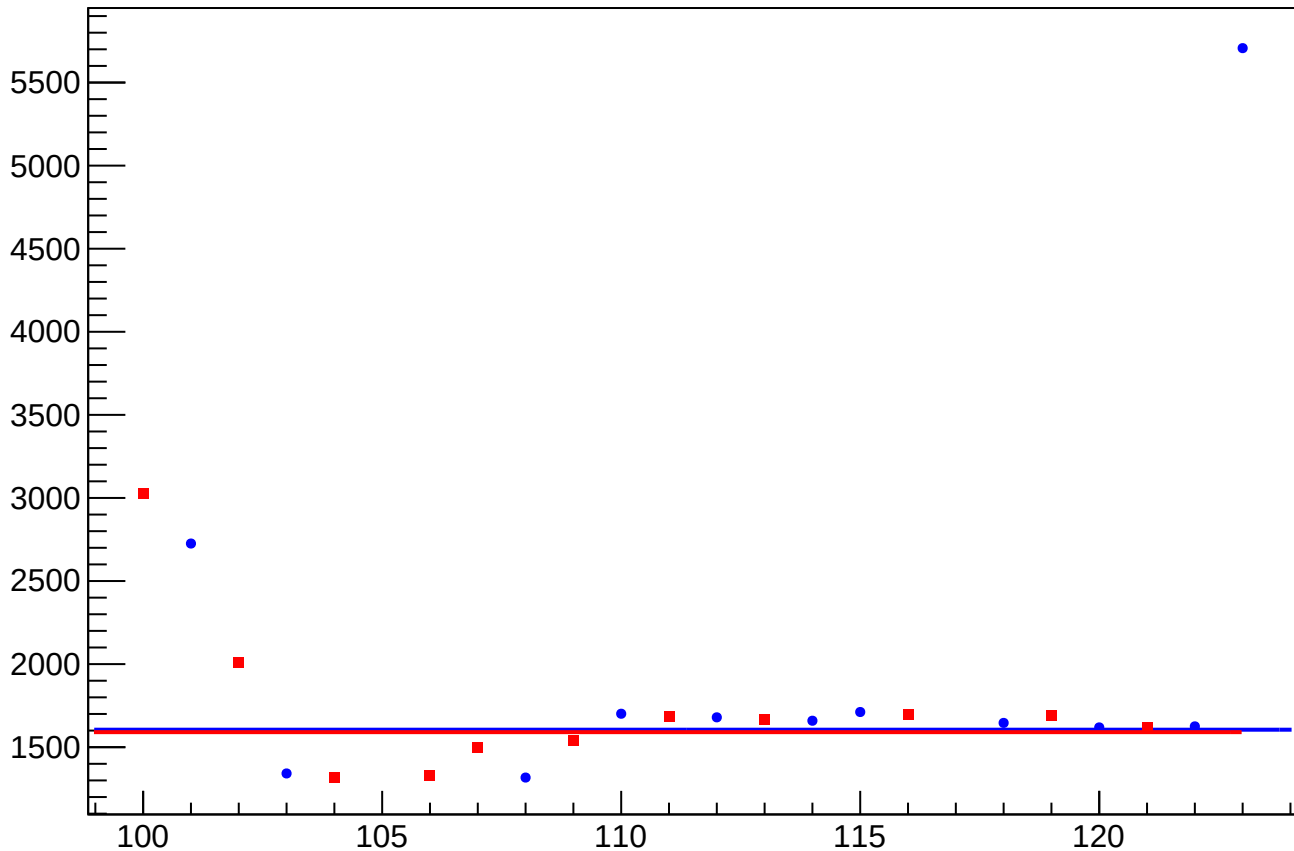
Right: 2630.784+/-554.986 χ^2/NDF : 7.4/21

In: 3184.698+/-808.452 χ^2/NDF : 3.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.784+/-554.986 χ^2/NDF : 7.4/21

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1605.269+/-0.572 χ^2/NDF : 348803.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.541+/-0.540 χ^2/NDF : 153399.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

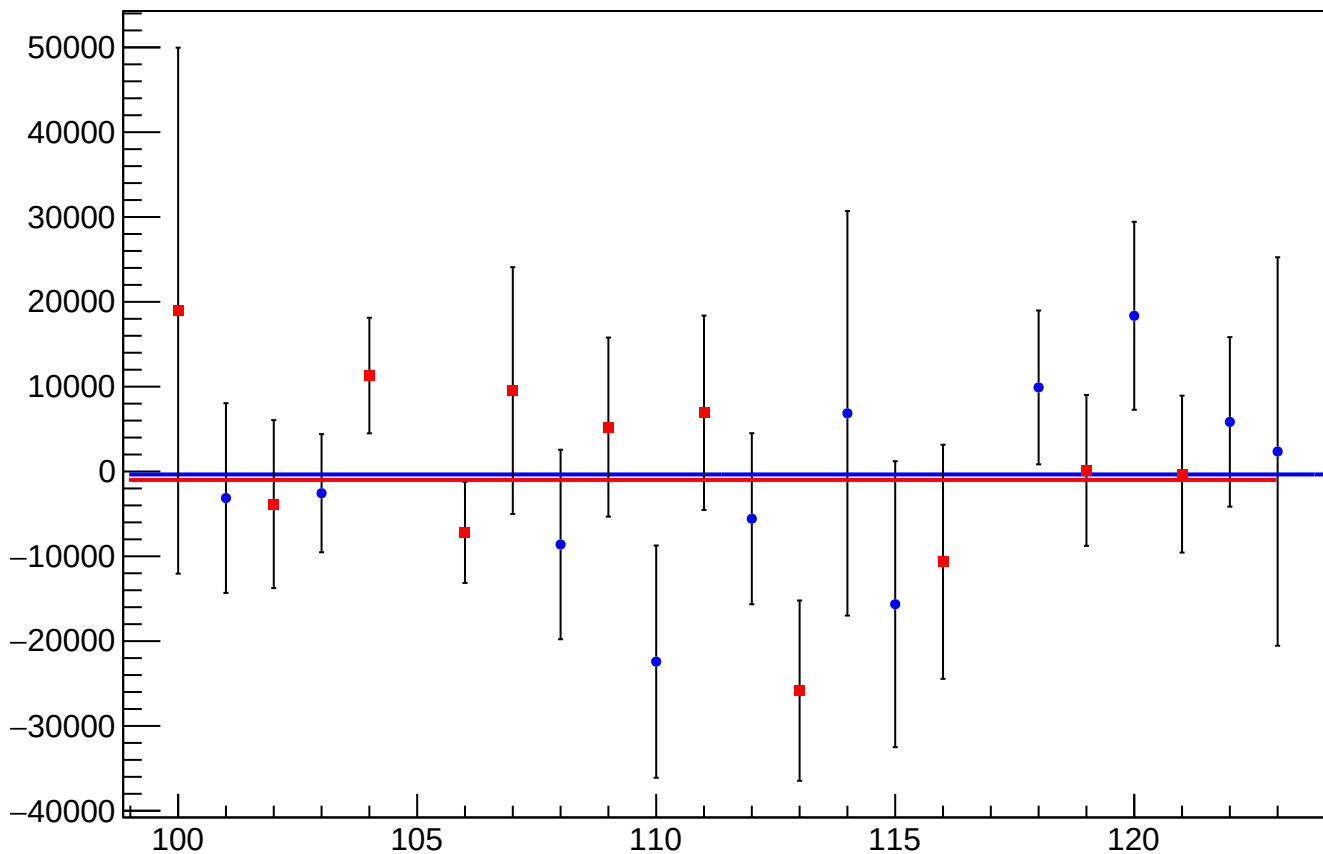
Right: 1597.482+/-0.392 χ^2/NDF : 502554.2/21

In: 1605.269+/-0.572 χ^2/NDF : 348803.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.482+/-0.392 χ^2/NDF : 502554.2/21

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -348.238+/-3346.106 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -993.553+/-2878.824 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

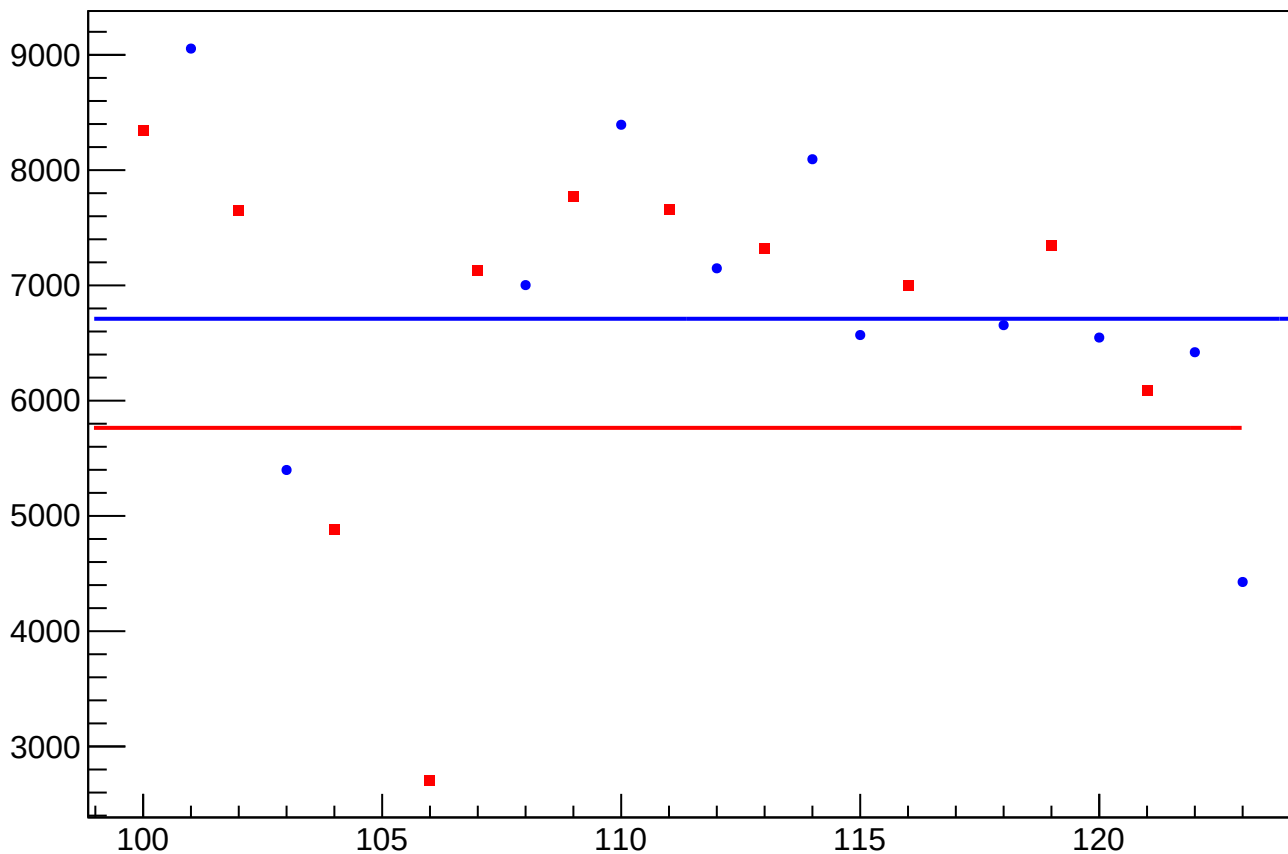
Right: -719.066+/-2182.304 χ^2/NDF : 21.2/21

In: -348.238+/-3346.106 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -719.066+/-2182.304 χ^2/NDF : 21.2/21

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6710.494+/-2.366 χ^2/NDF : 223208.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5764.129+/-2.036 χ^2/NDF : 915680.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

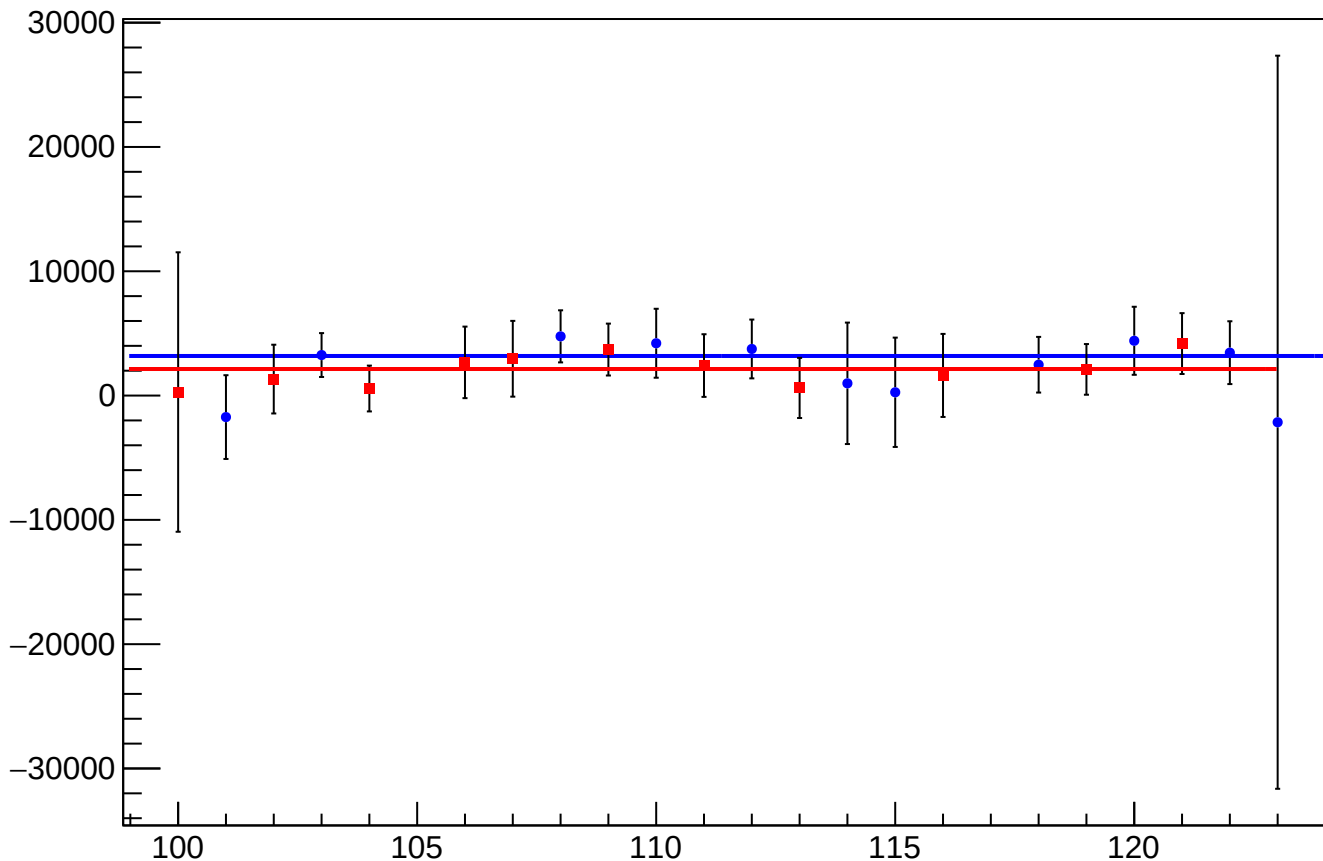
Right: 6166.669+/-1.543 χ^2/NDF : 1230820.7/21

In: 6710.494+/-2.366 χ^2/NDF : 223208.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6166.669+/-1.543 χ^2/NDF : 1230820.7/21

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3184.959+/-808.452 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2136.893+/-763.235 χ^2/NDF : 2.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

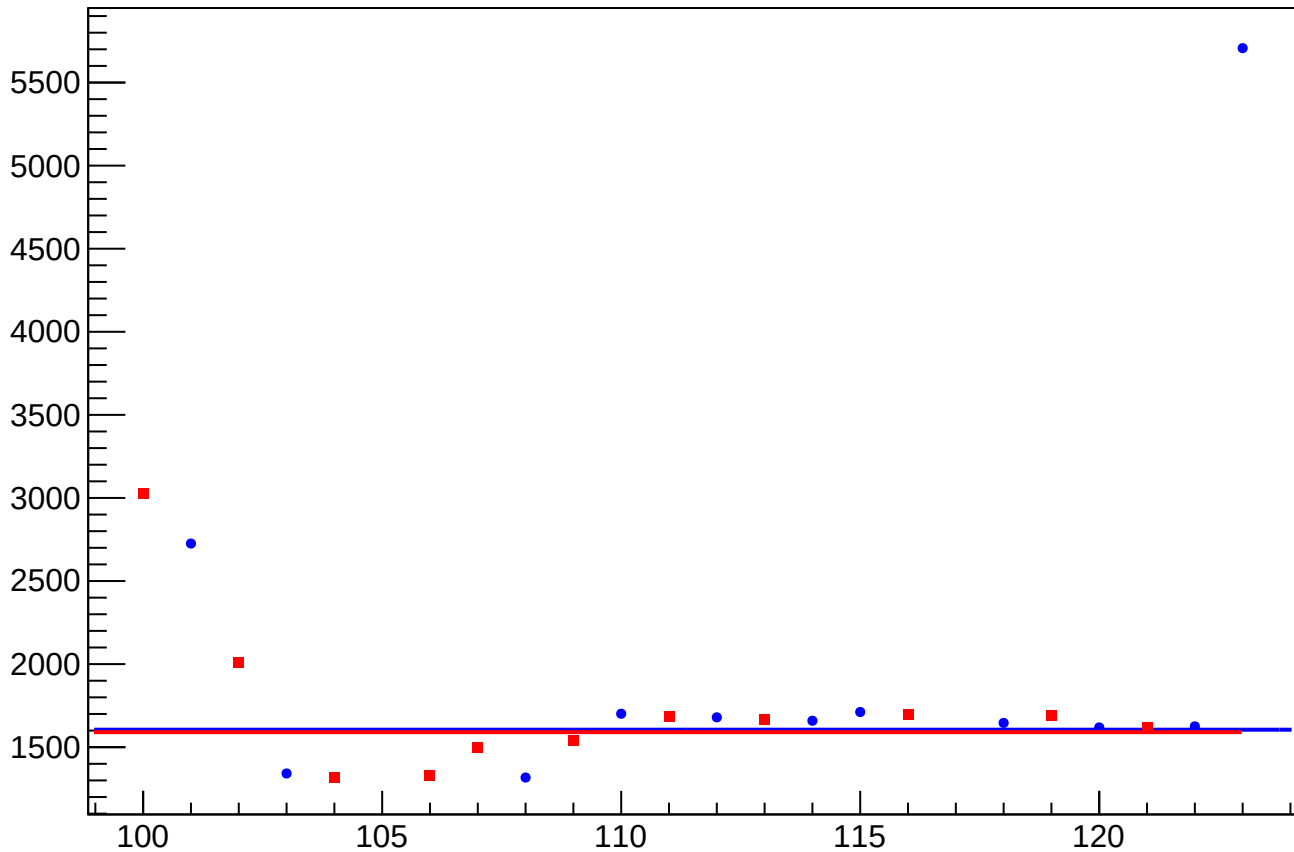
Right: 2630.798+/-554.986 χ^2/NDF : 7.4/21

In: 3184.959+/-808.452 χ^2/NDF : 3.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.798+/-554.986 χ^2/NDF : 7.4/21

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1605.269+/-0.572 χ^2/NDF : 348803.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.541+/-0.540 χ^2/NDF : 153399.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

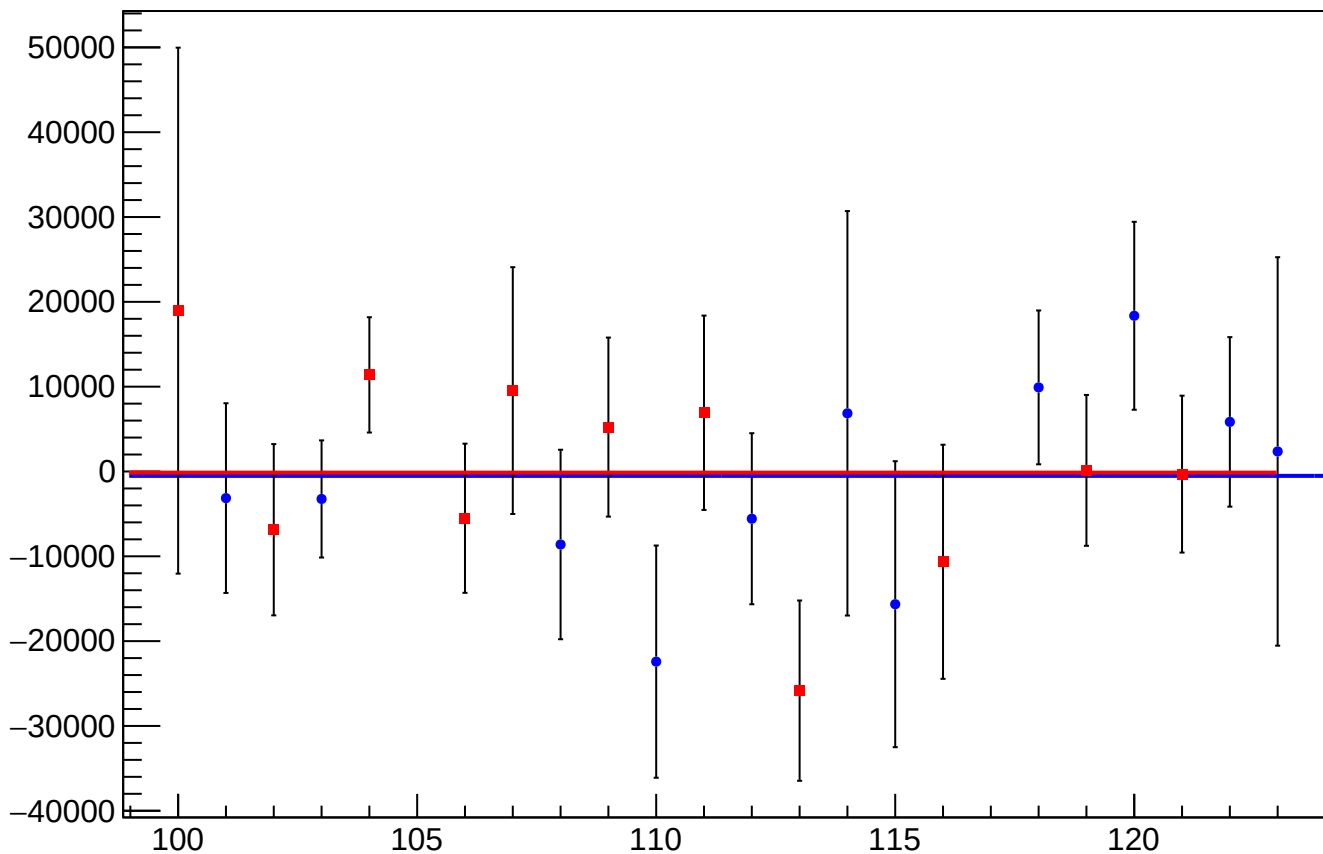
Right: 1597.481+/-0.392 χ^2/NDF : 502554.3/21

In: 1605.269+/-0.572 χ^2/NDF : 348803.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.481+/-0.392 χ^2/NDF : 502554.3/21

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -515.713+/-3339.468 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -135.250+/-3083.261 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

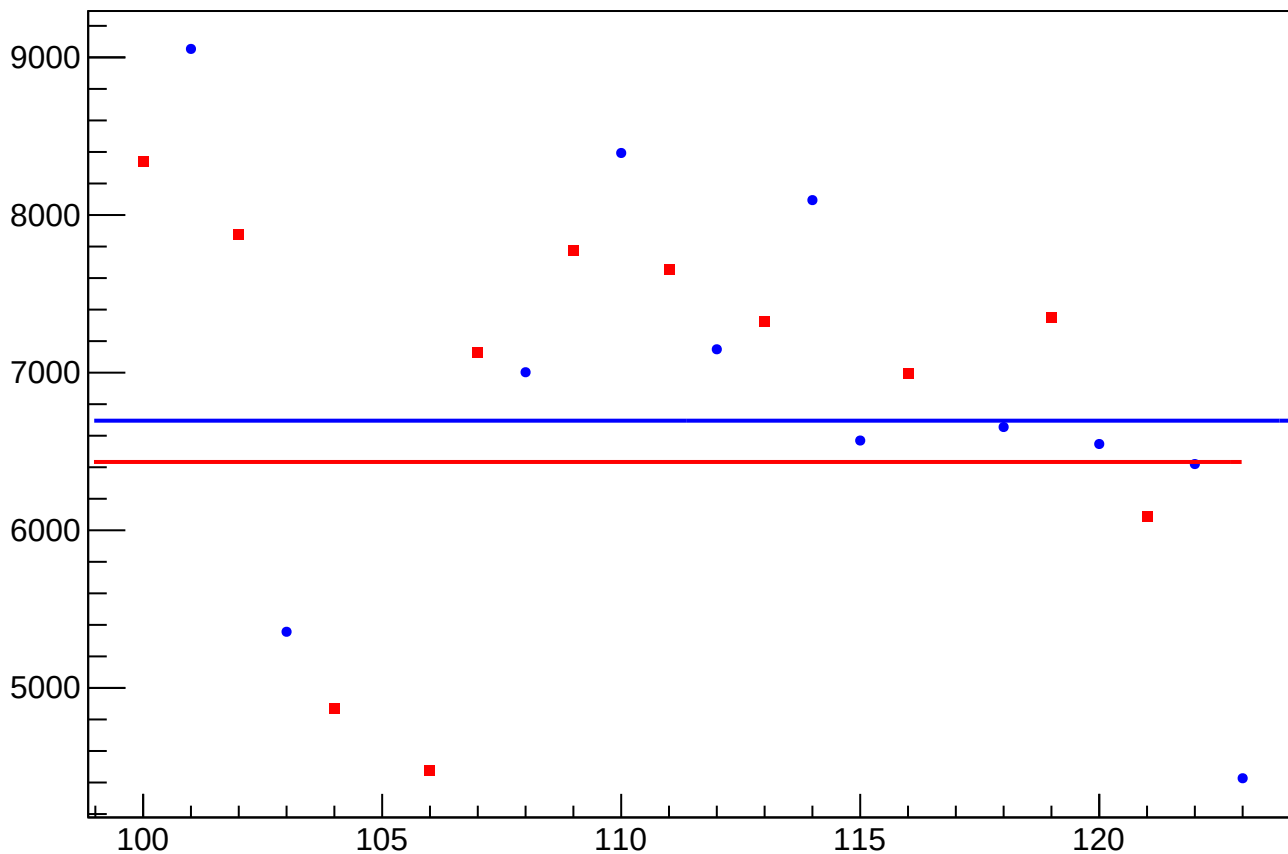
Right: -310.329+/-2265.363 χ^2/NDF : 20.7/21

In: -515.713+/-3339.468 χ^2/NDF : 9.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.329+/-2265.363 χ^2/NDF : 20.7/21

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6695.372+/-2.361 χ^2 /NDF: 229070.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 6433.453+/-2.180 χ^2 /NDF: 353904.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

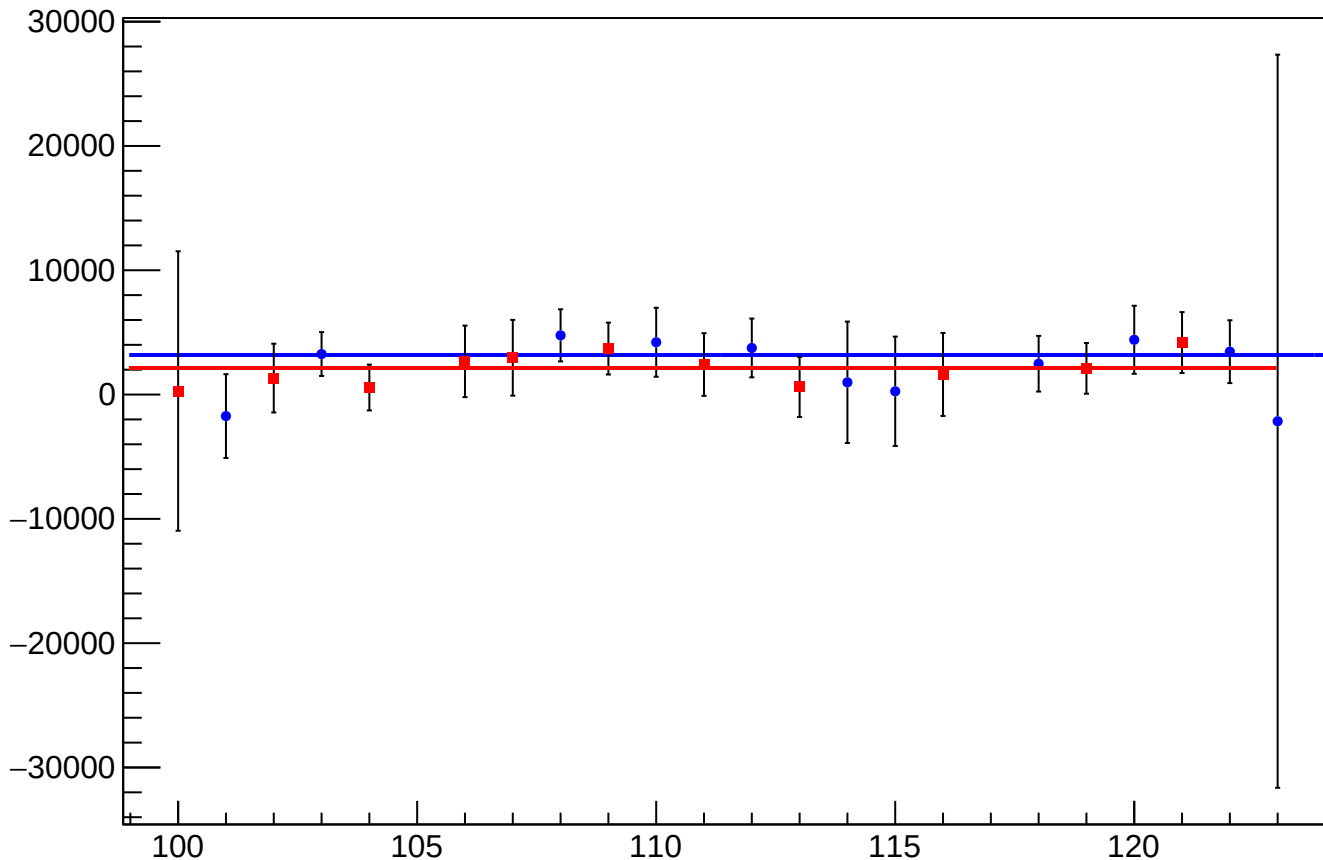
Right: 6553.981+/-1.602 χ^2 /NDF: 589616.8/21

In: 6695.372+/-2.361 χ^2 /NDF:229070.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 6553.981+/-1.602 χ^2 /NDF: 589616.8/21

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3184.959+/-808.452 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2136.893+/-763.235 χ^2/NDF : 2.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

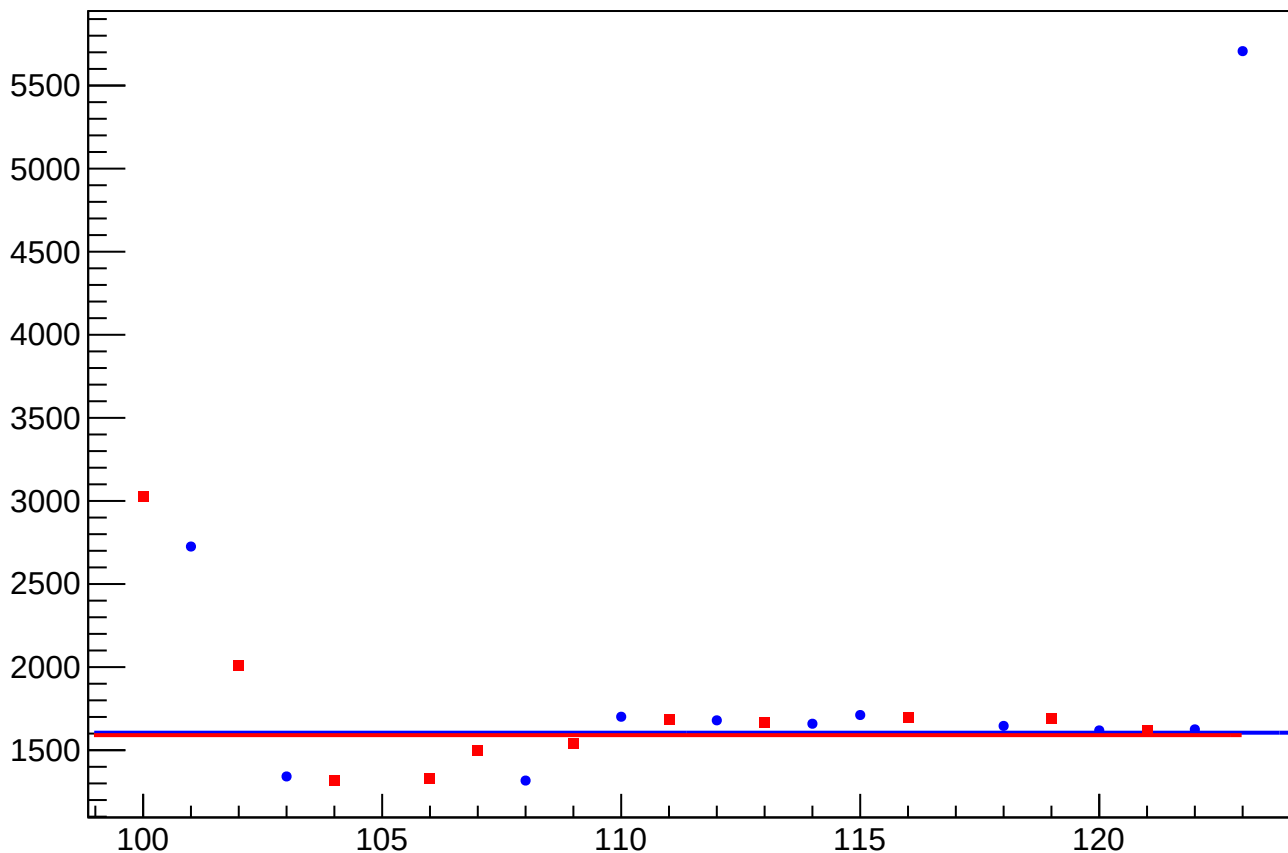
Right: 2630.798+/-554.986 χ^2/NDF : 7.4/21

In: 3184.959+/-808.452 χ^2/NDF : 3.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.798+/-554.986 χ^2/NDF : 7.4/21

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1605.269+/-0.572 χ^2/NDF : 348803.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.541+/-0.540 χ^2/NDF : 153399.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

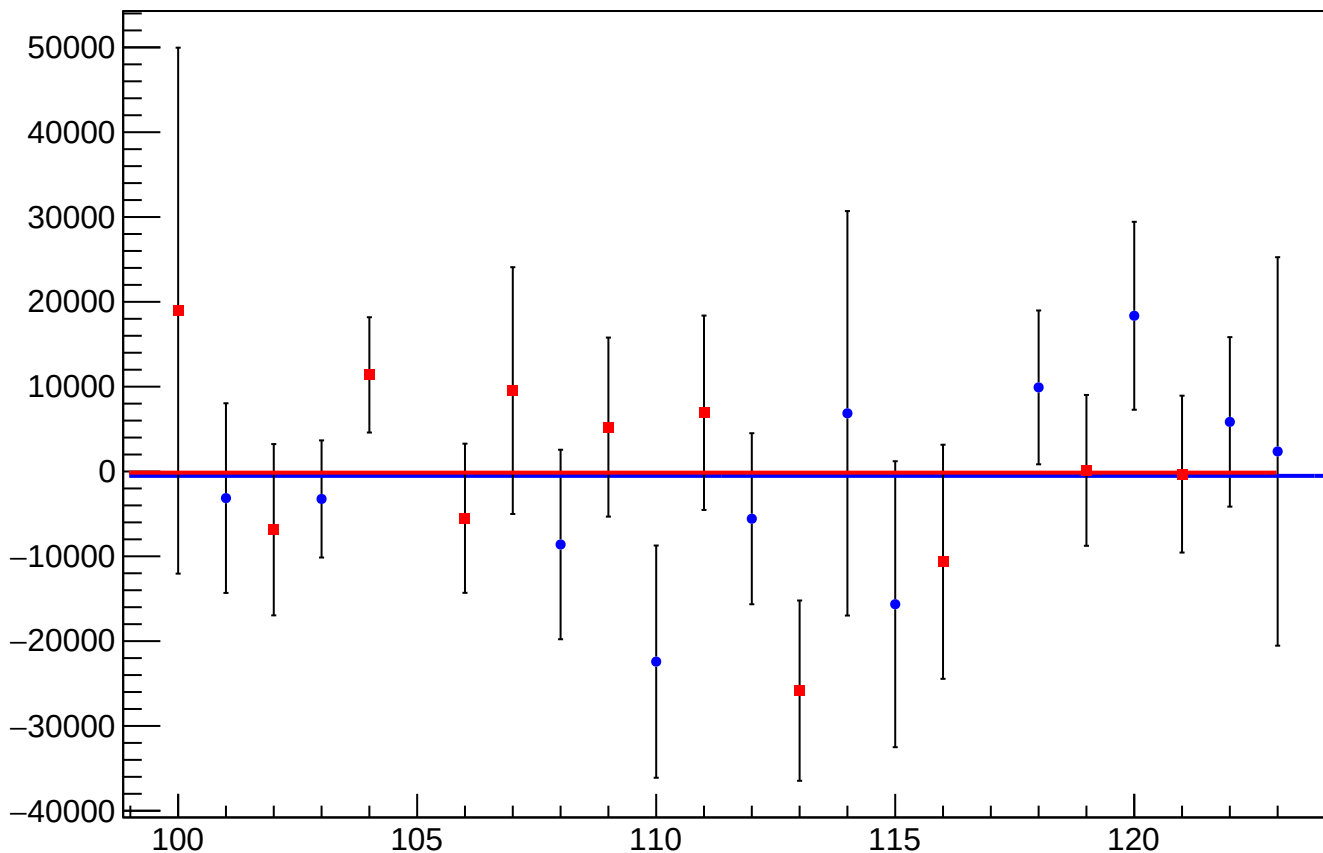
Right: 1597.481+/-0.392 χ^2/NDF : 502554.3/21

In: 1605.269+/-0.572 χ^2/NDF : 348803.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.481+/-0.392 χ^2/NDF : 502554.3/21

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -515.713+/-3339.468 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -135.250+/-3083.261 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

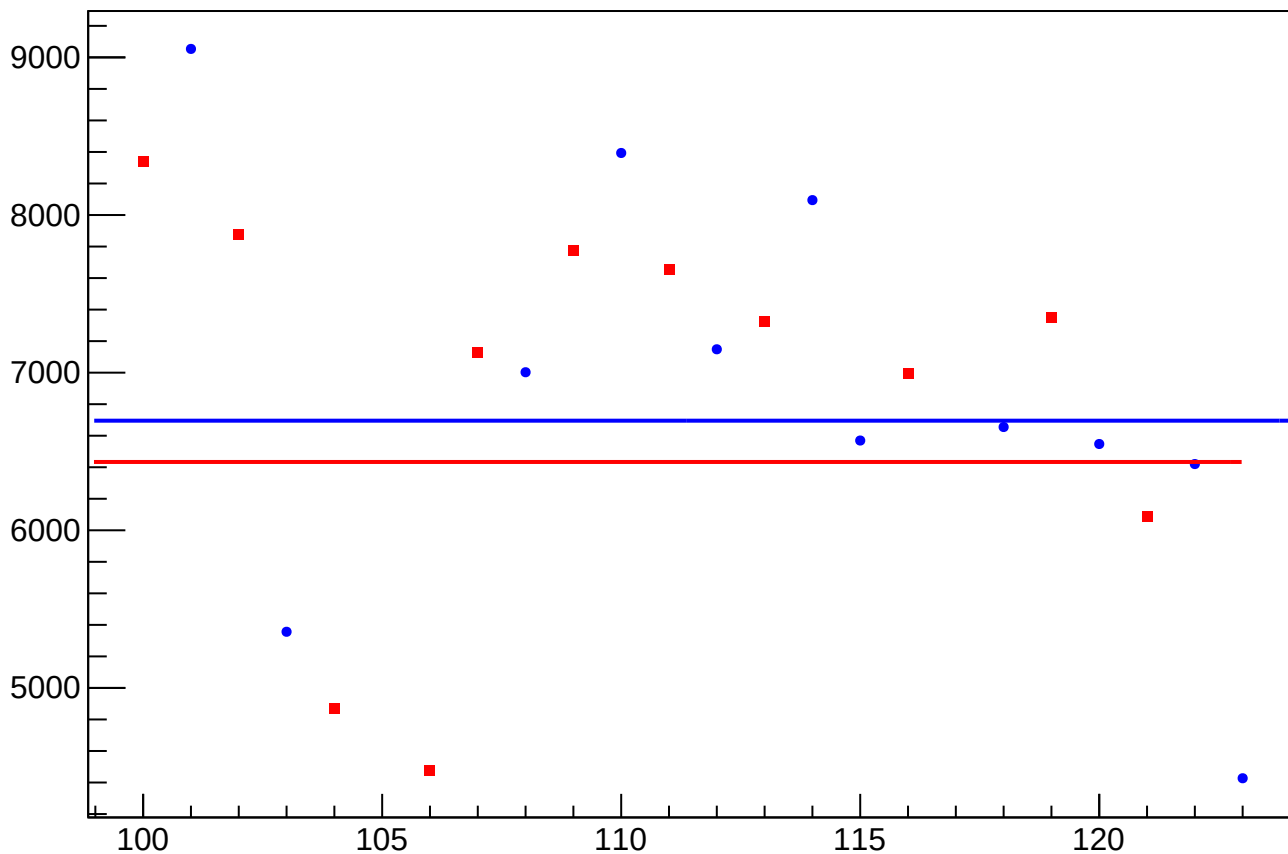
Right: -310.329+/-2265.363 χ^2/NDF : 20.7/21

In: -515.713+/-3339.468 χ^2/NDF :9.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -310.329+/-2265.363 χ^2/NDF : 20.7/21

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6695.372+/-2.361 χ^2/NDF : 229070.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6433.453+/-2.180 χ^2/NDF : 353904.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

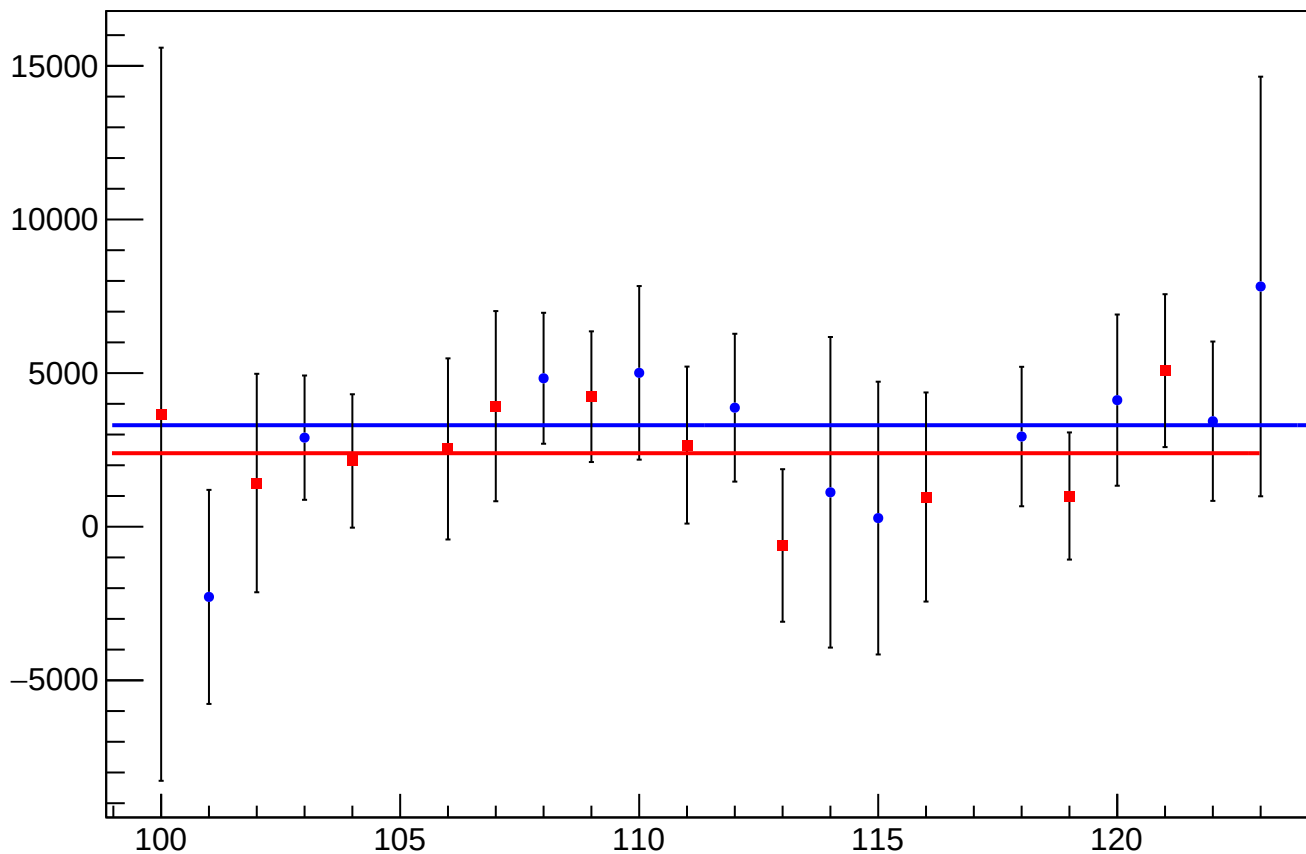
Right: 6553.981+/-1.602 χ^2/NDF : 589616.8/21

In: 6695.372+/-2.361 χ^2/NDF : 229070.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6553.981+/-1.602 χ^2/NDF : 589616.8/21

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3303.701+/-836.879 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2392.564+/-806.981 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

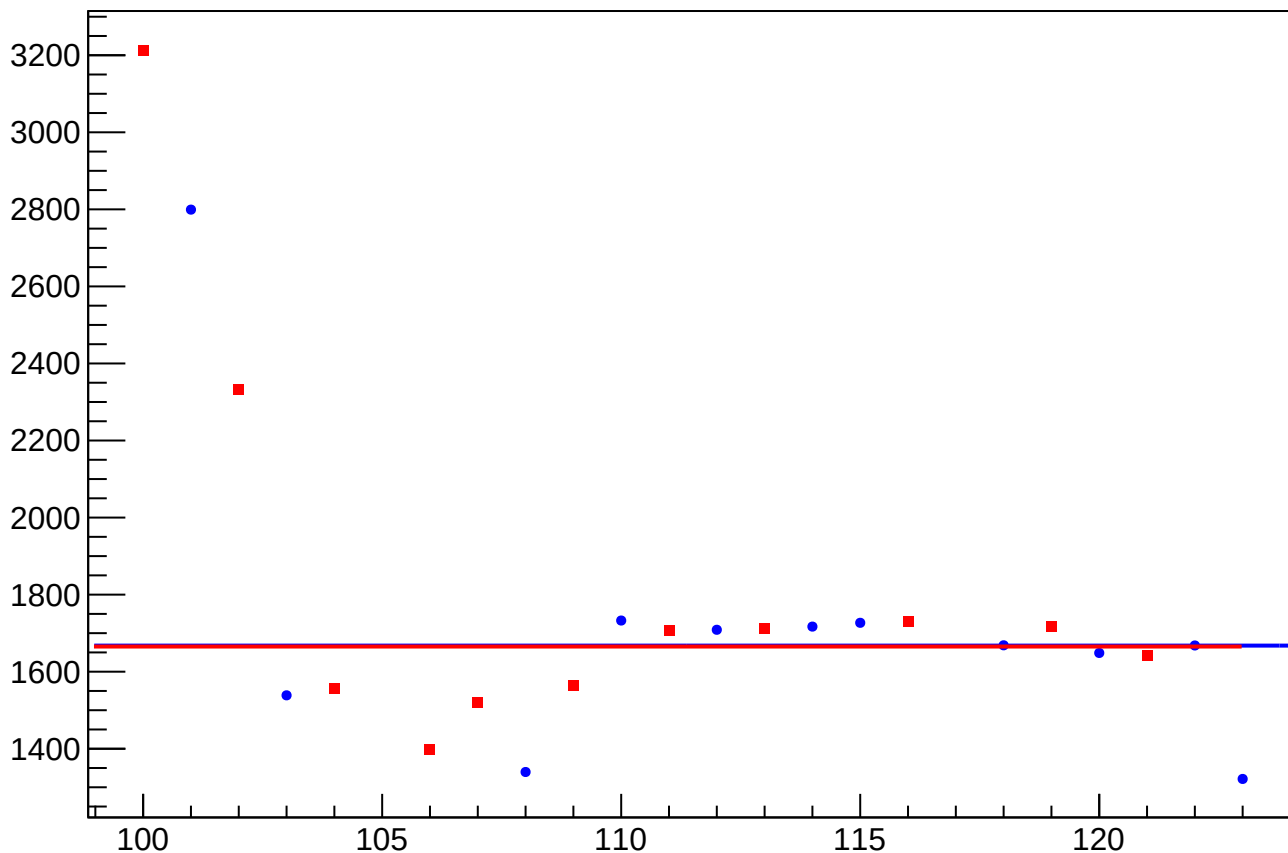
Right: 2831.567+/-580.904 χ^2/NDF : 9.7/21

In: 3303.701+/-836.879 χ^2/NDF : 4.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2831.567+/-580.904 χ^2/NDF : 9.7/21

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1667.702 $\pm$ 0.592 χ^2 /NDF: 273980.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1665.279 $\pm$ 0.570 χ^2 /NDF: 137913.5/10

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

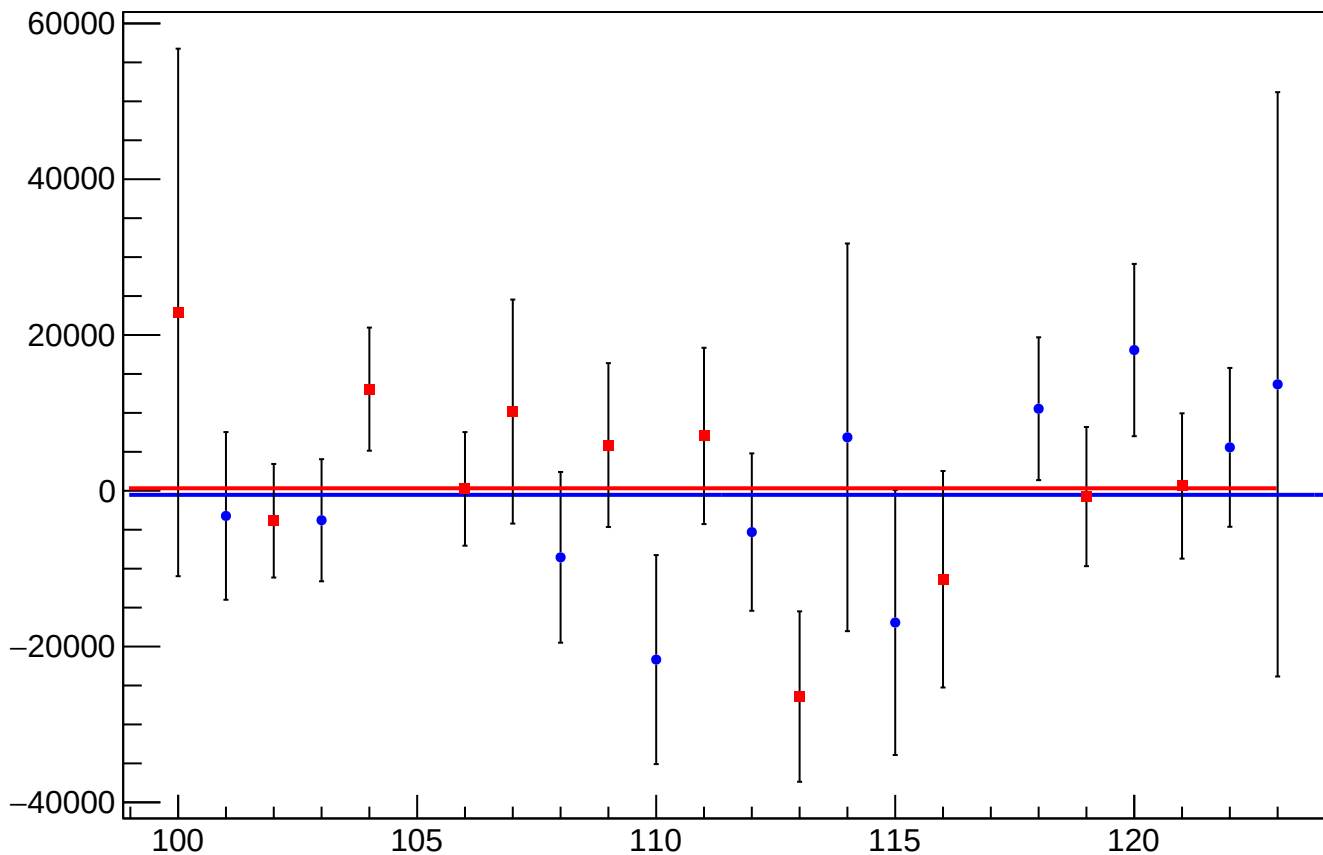
Right: 1666.446 $\pm$ 0.411 χ^2 /NDF: 411902.6/21

In: 1667.702 $\pm$ 0.592 χ^2 /NDF:273980.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1666.446 $\pm$ 0.411 χ^2 /NDF: 411902.6/21

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -522.612+/-3449.362 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.915+/-2965.305 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

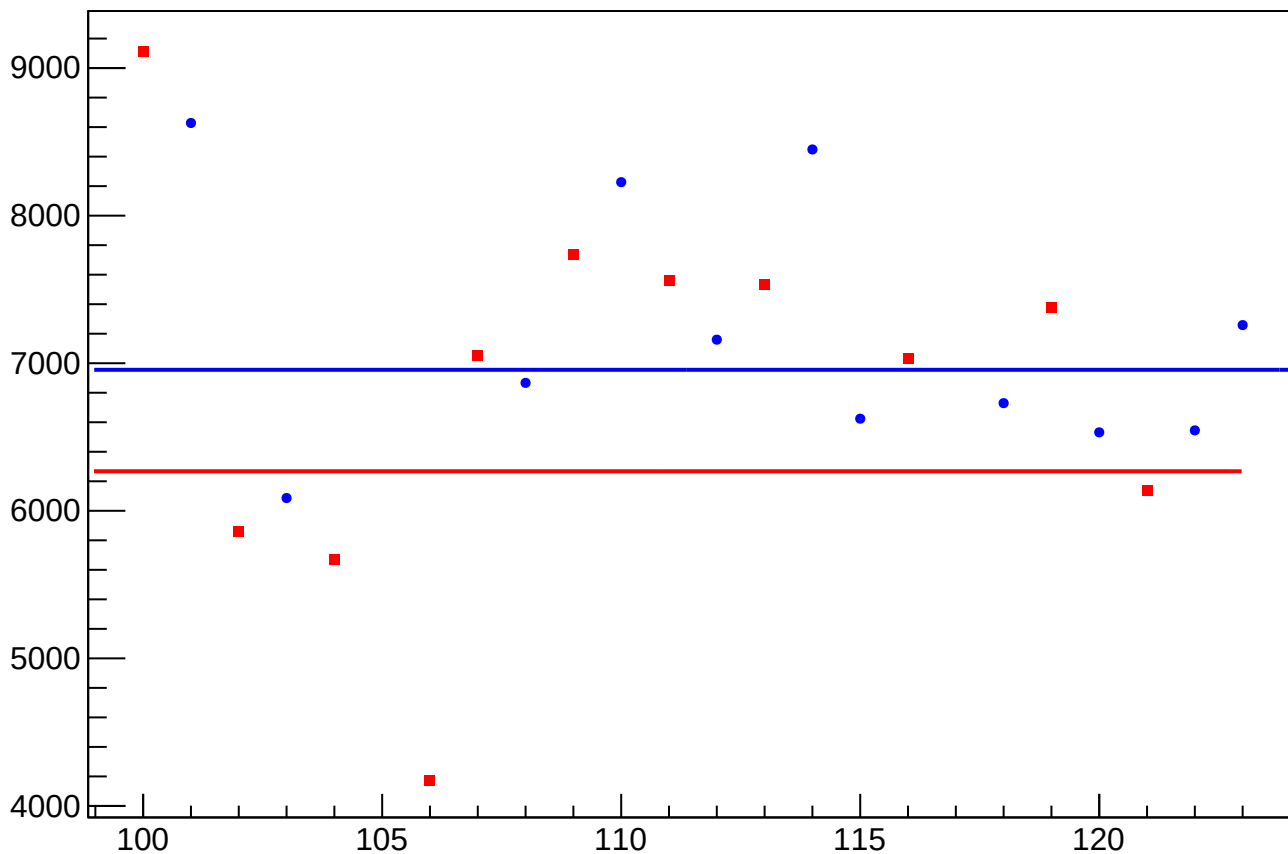
Right: -37.555+/-2248.620 χ^2/NDF : 20.5/21

In: -522.612+/-3449.362 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.555+/-2248.620 χ^2/NDF : 20.5/21

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 6955.382+/-2.439 χ^2/NDF : 107232.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6267.893+/-2.097 χ^2/NDF : 331697.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

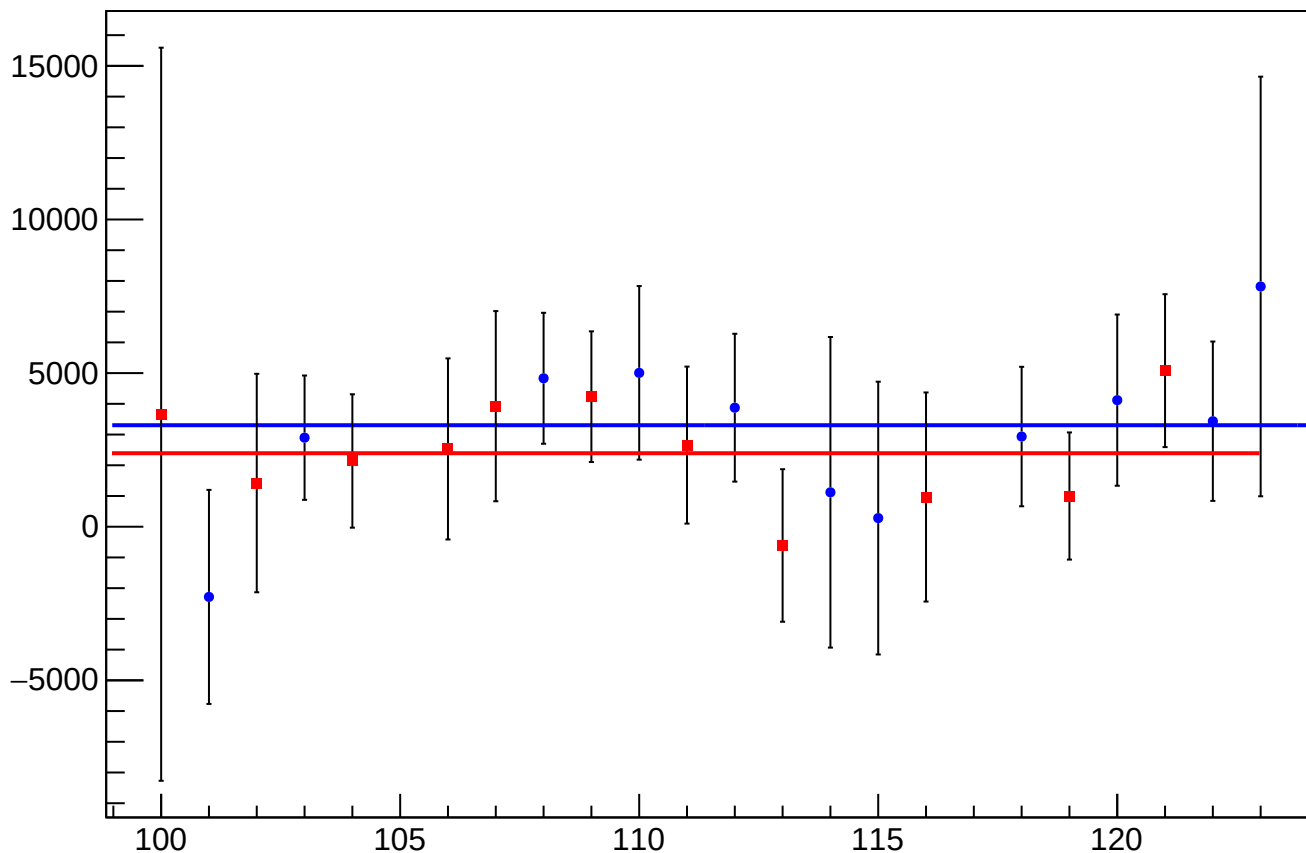
Right: 6560.052+/-1.590 χ^2/NDF : 484615.4/21

In: 6955.382+/-2.439 χ^2/NDF : 107232.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6560.052+/-1.590 χ^2/NDF : 484615.4/21

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3303.694 $\pm$ 836.878 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2392.574 $\pm$ 806.980 χ^2 /NDF: 4.4/10

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

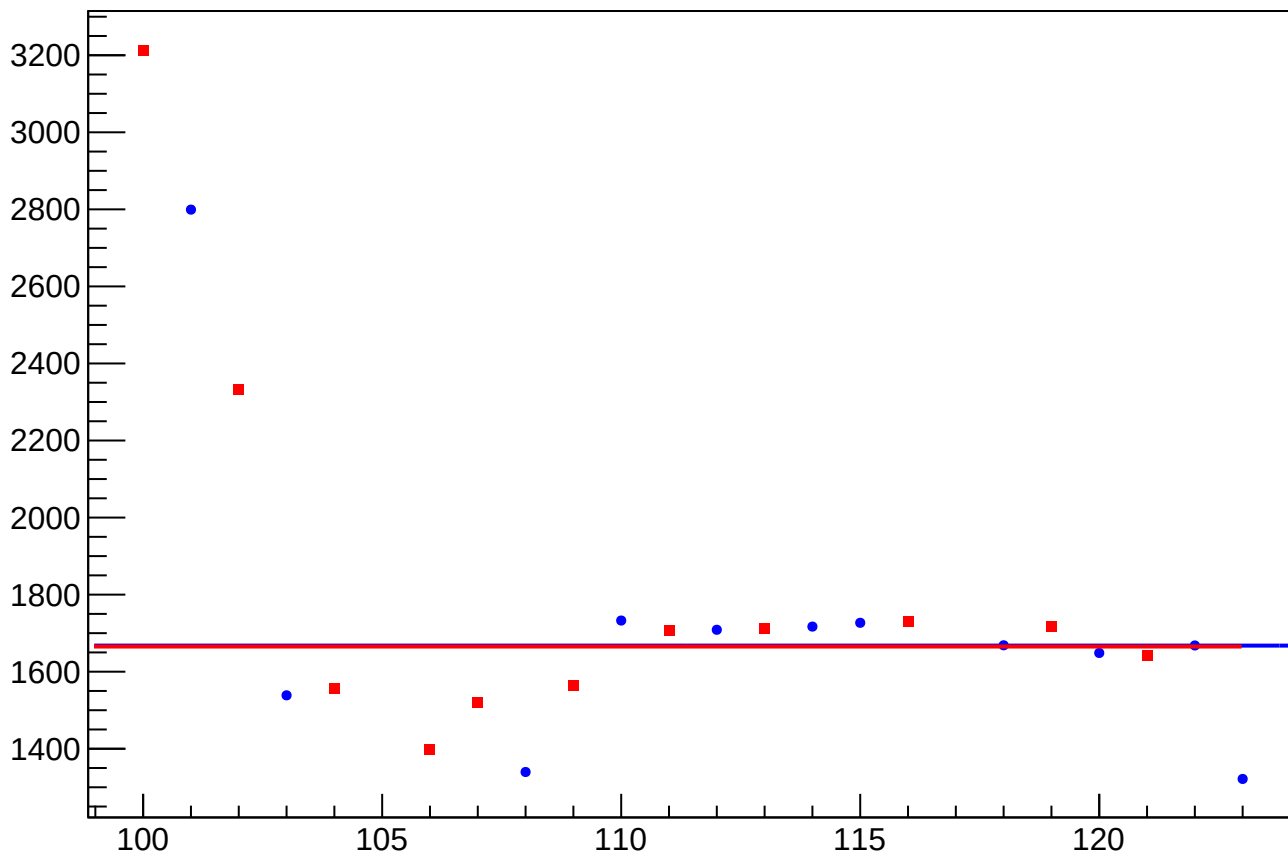
Right: 2831.568 $\pm$ 580.904 χ^2 /NDF: 9.7/21

In: 3303.694 $\pm$ 836.878 χ^2 /NDF:4.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2831.568 $\pm$ 580.904 χ^2 /NDF: 9.7/21

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1667.702+/-0.592 χ^2/NDF : 273980.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1665.279+/-0.570 χ^2/NDF : 137913.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

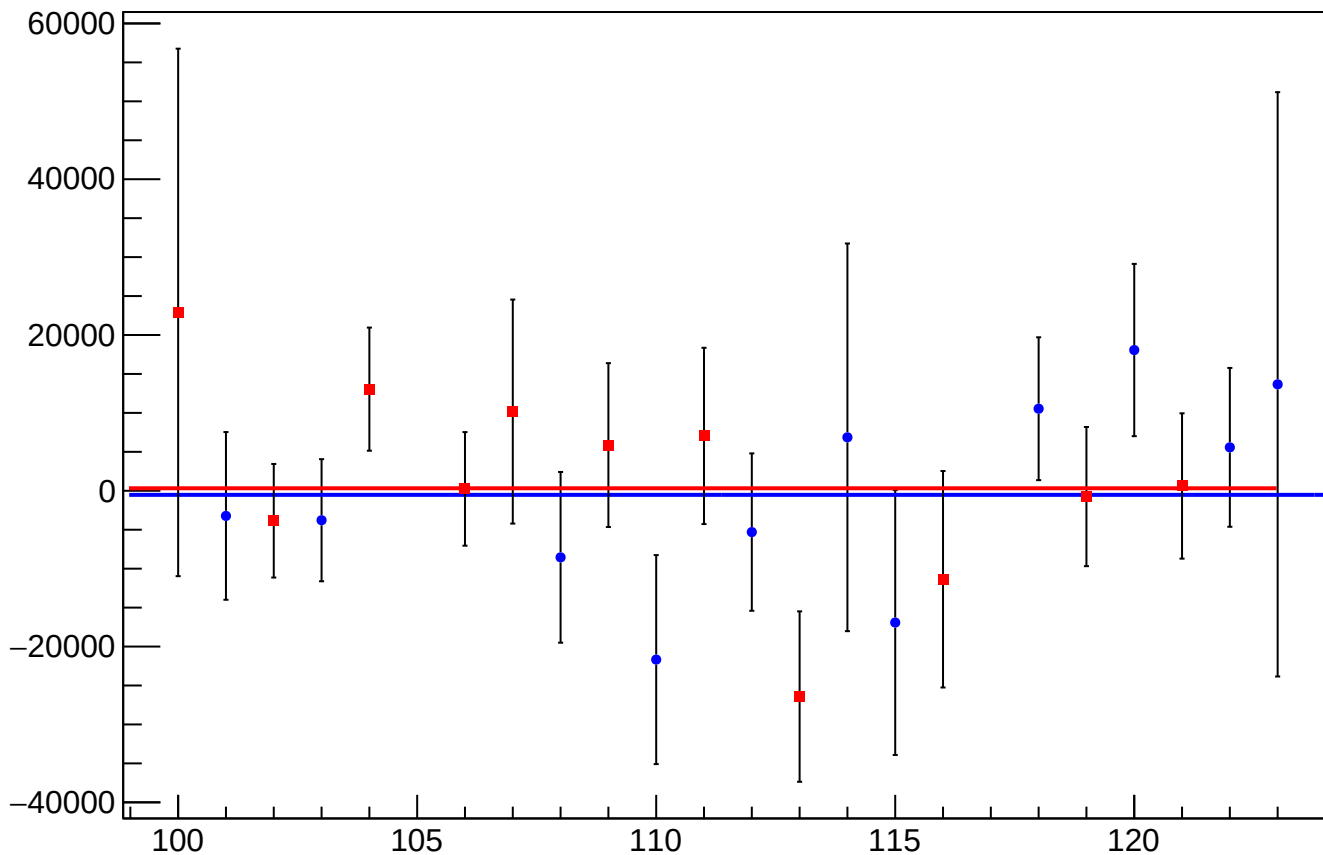
Right: 1666.445+/-0.411 χ^2/NDF : 411902.0/21

In: 1667.702+/-0.592 χ^2/NDF : 273980.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.445+/-0.411 χ^2/NDF : 411902.0/21

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -522.596+/-3449.353 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.918+/-2965.298 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

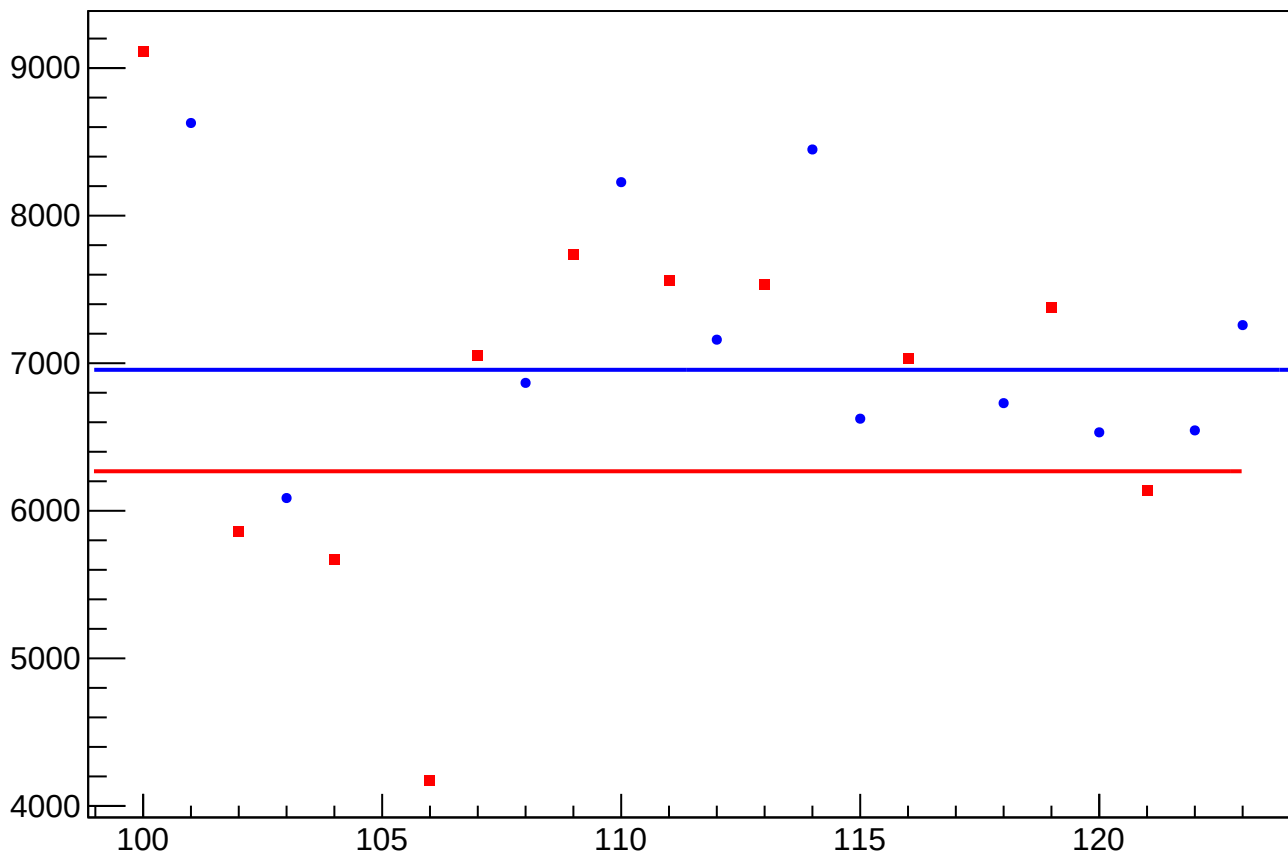
Right: -37.547+/-2248.614 χ^2/NDF : 20.5/21

In: -522.596+/-3449.353 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.547+/-2248.614 χ^2/NDF : 20.5/21

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6955.363+/-2.439 χ^2/NDF : 107232.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6267.879+/-2.097 χ^2/NDF : 331695.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

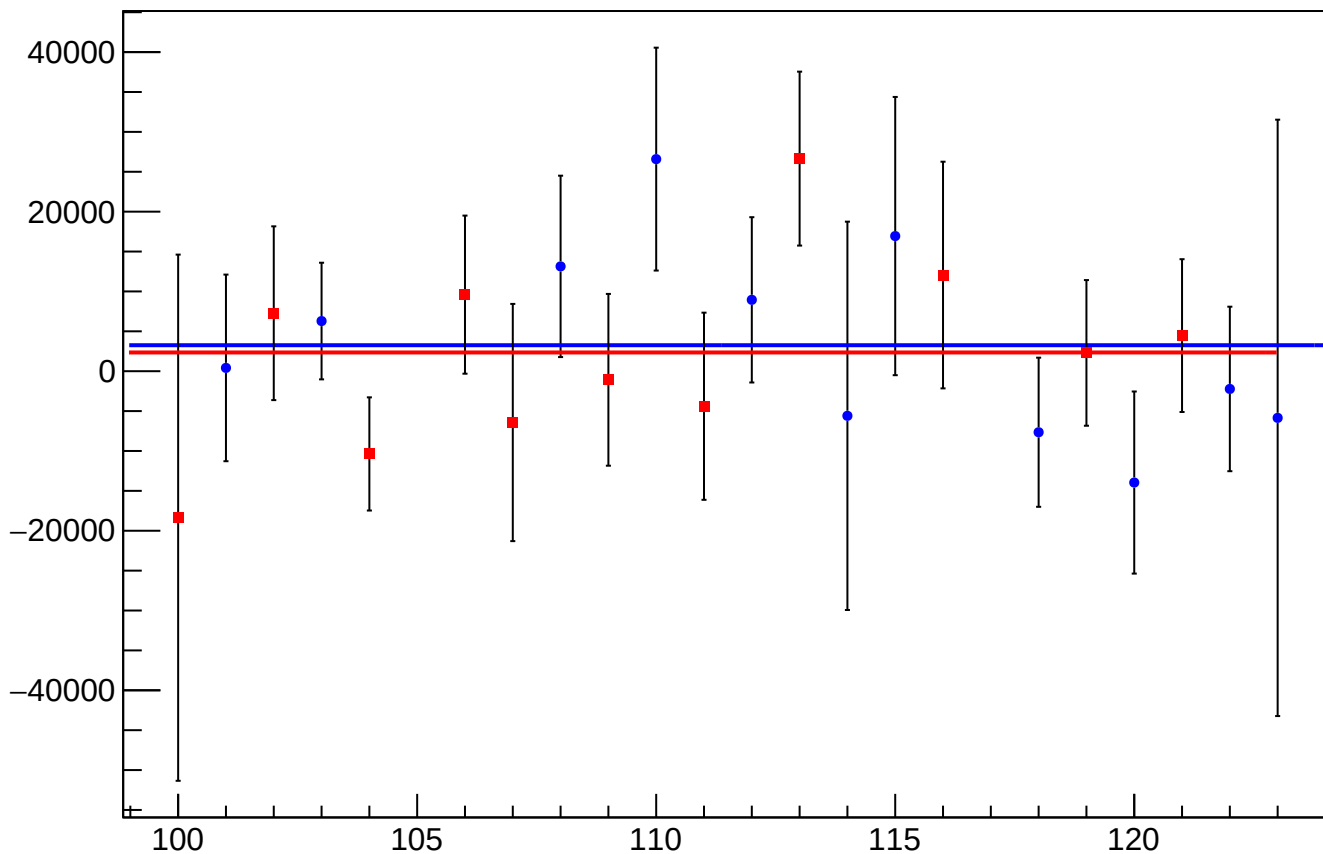
Right: 6560.037+/-1.590 χ^2/NDF : 484613.8/21

In: 6955.363+/-2.439 χ^2/NDF : 107232.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6560.037+/-1.590 χ^2/NDF : 484613.8/21

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3256.452+/-3483.410 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2349.785+/-3226.053 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

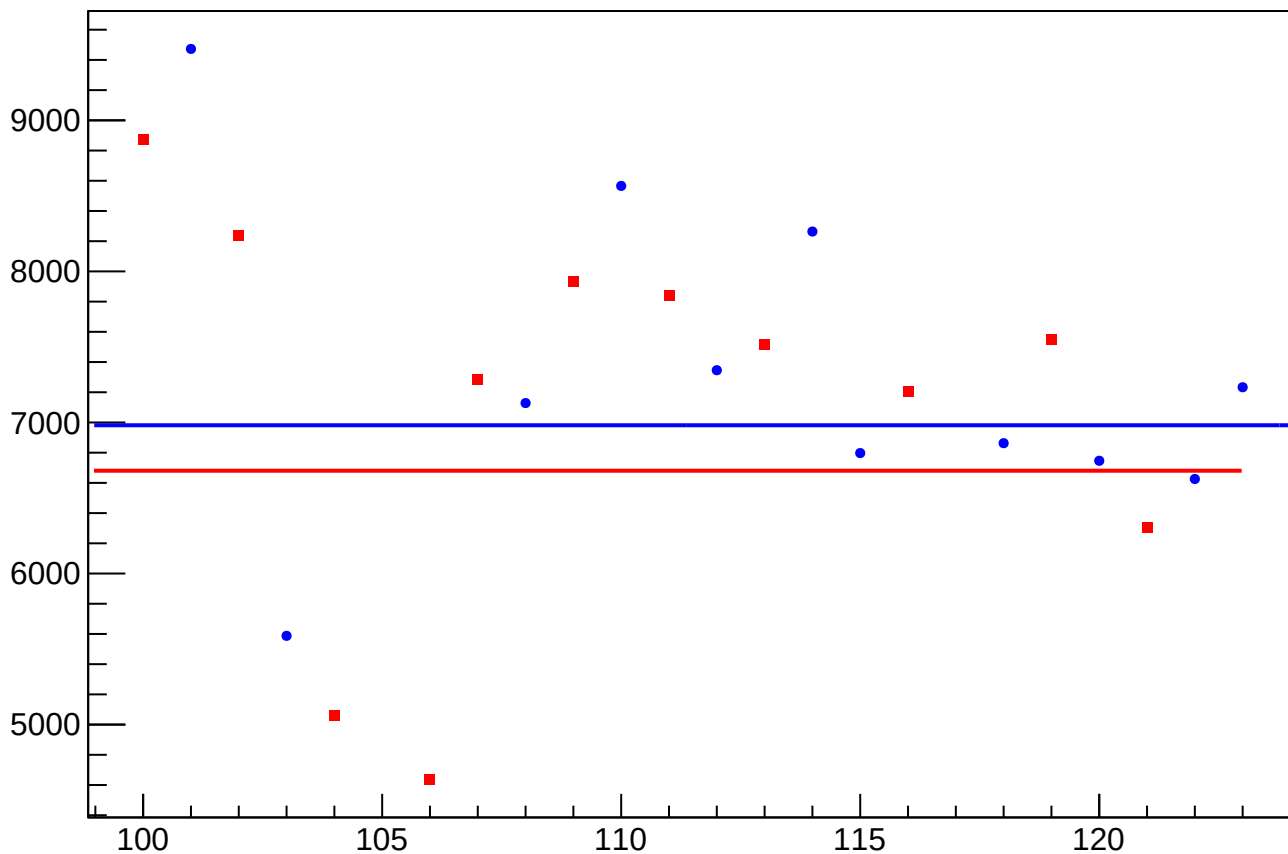
Right: 2768.392+/-2366.923 χ^2/NDF : 19.5/21

In: 3256.452+/-3483.410 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2768.392+/-2366.923 χ^2/NDF : 19.5/21

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6981.619+/-2.463 χ^2/NDF : 201408.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6680.607+/-2.281 χ^2/NDF : 324433.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

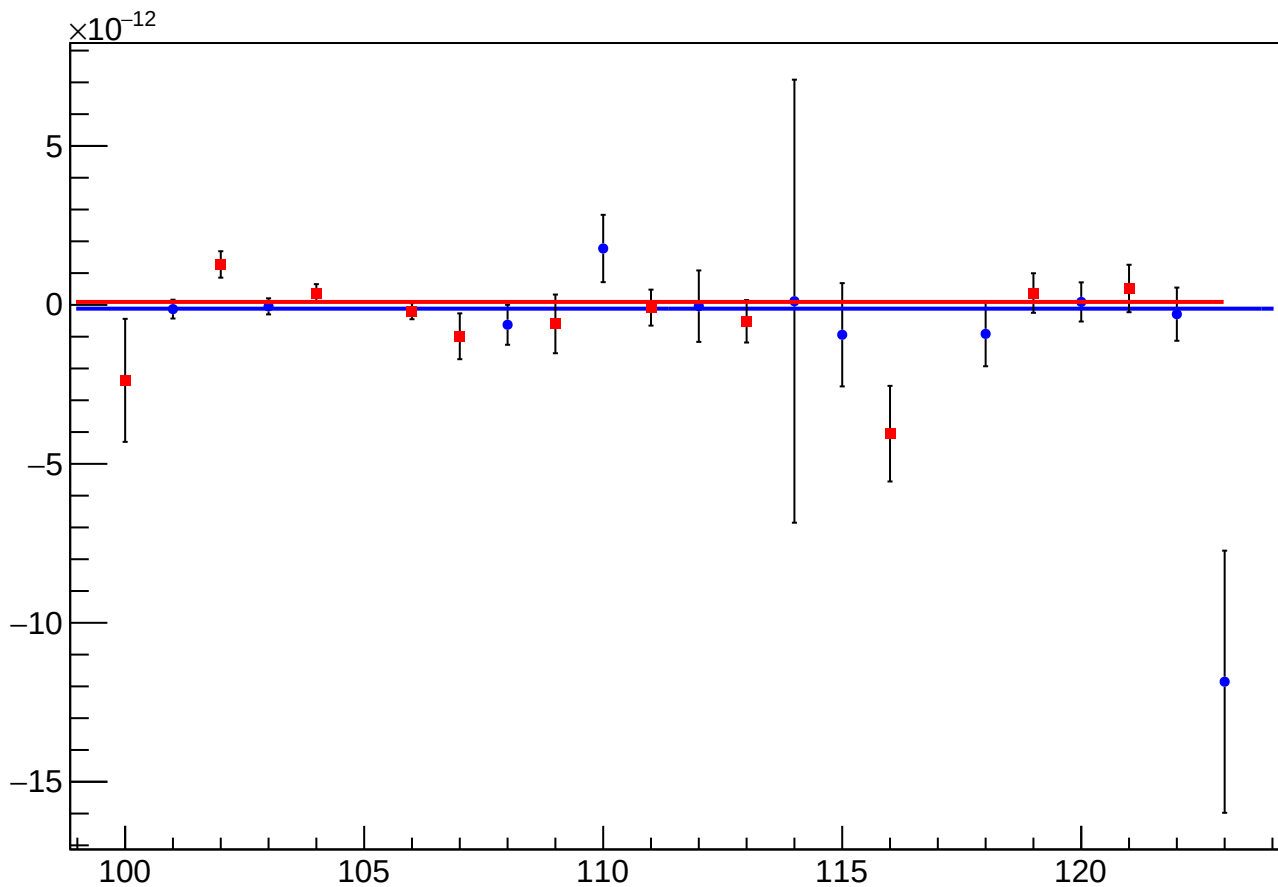
Right: 6819.570+/-1.674 χ^2/NDF : 533881.9/21

In: 6981.619+/-2.463 χ^2/NDF : 201408.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6819.570+/-1.674 χ^2/NDF : 533881.9/21

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

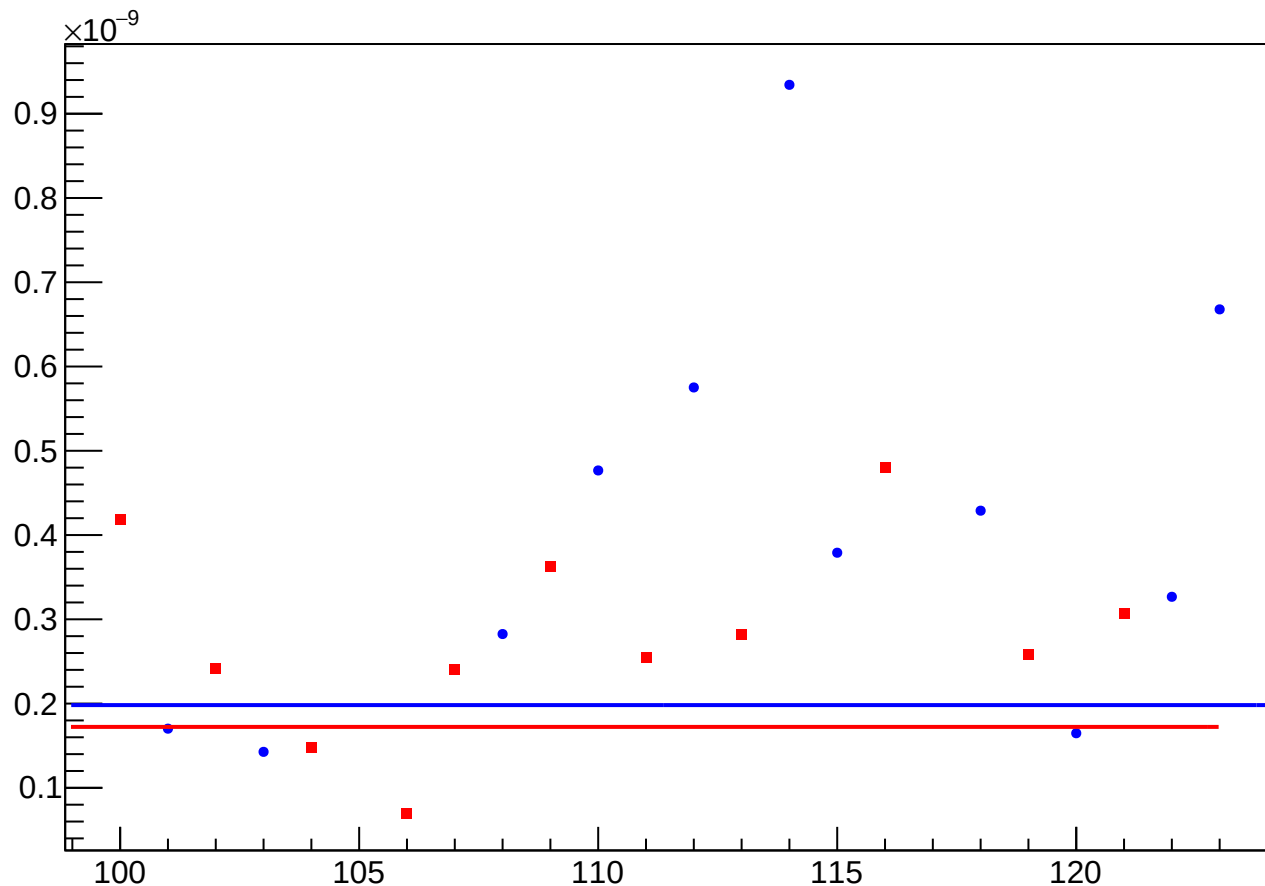
Right: 0.000+/-0.000 χ^2/NDF : 37.8/21

In: -0.000+/-0.000 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.8/21

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 742461.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 820711.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

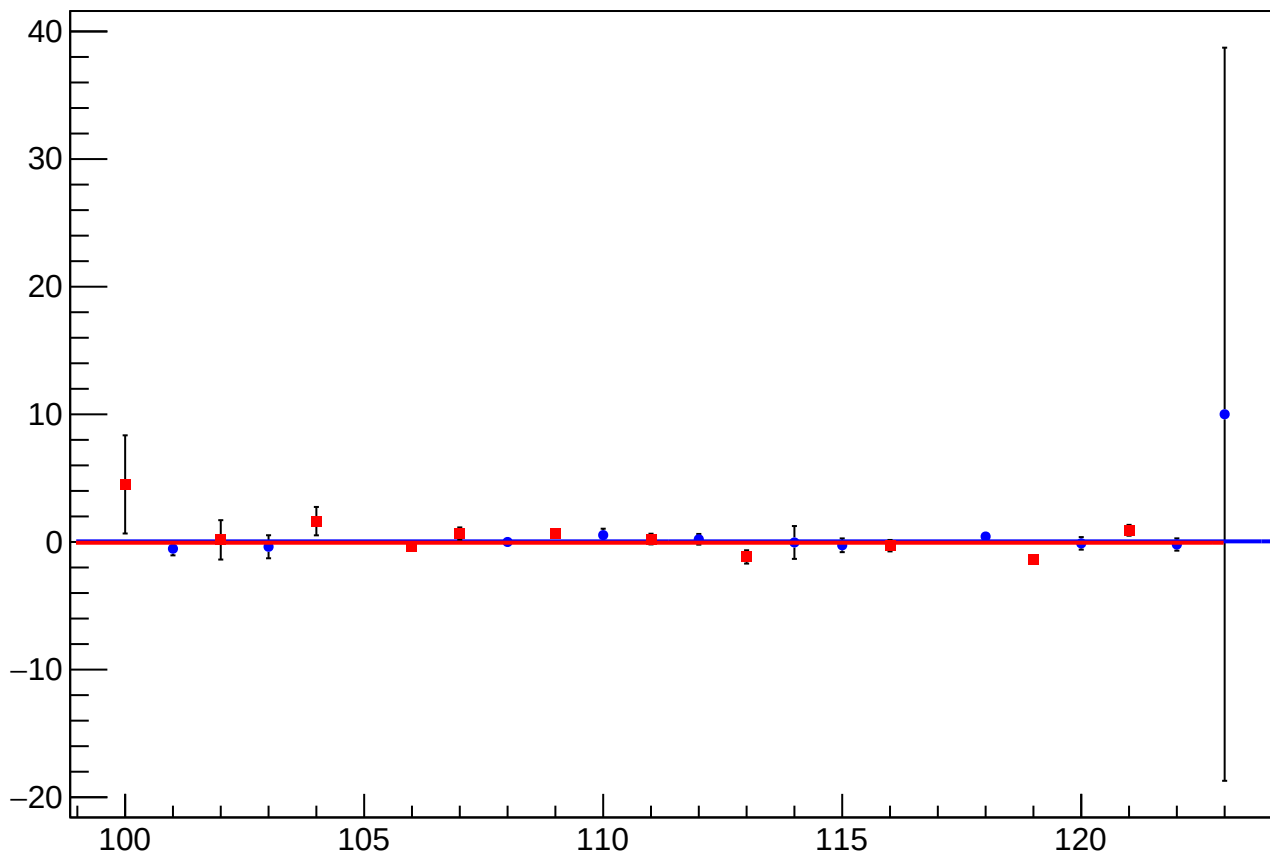
Right: 0.000+/-0.000 χ^2/NDF : 1591027.7/21

In: 0.000+/-0.000 χ^2/NDF : 742461.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1591027.7/21

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.153 χ^2/NDF : 4.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.059+/-0.141 χ^2/NDF : 37.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

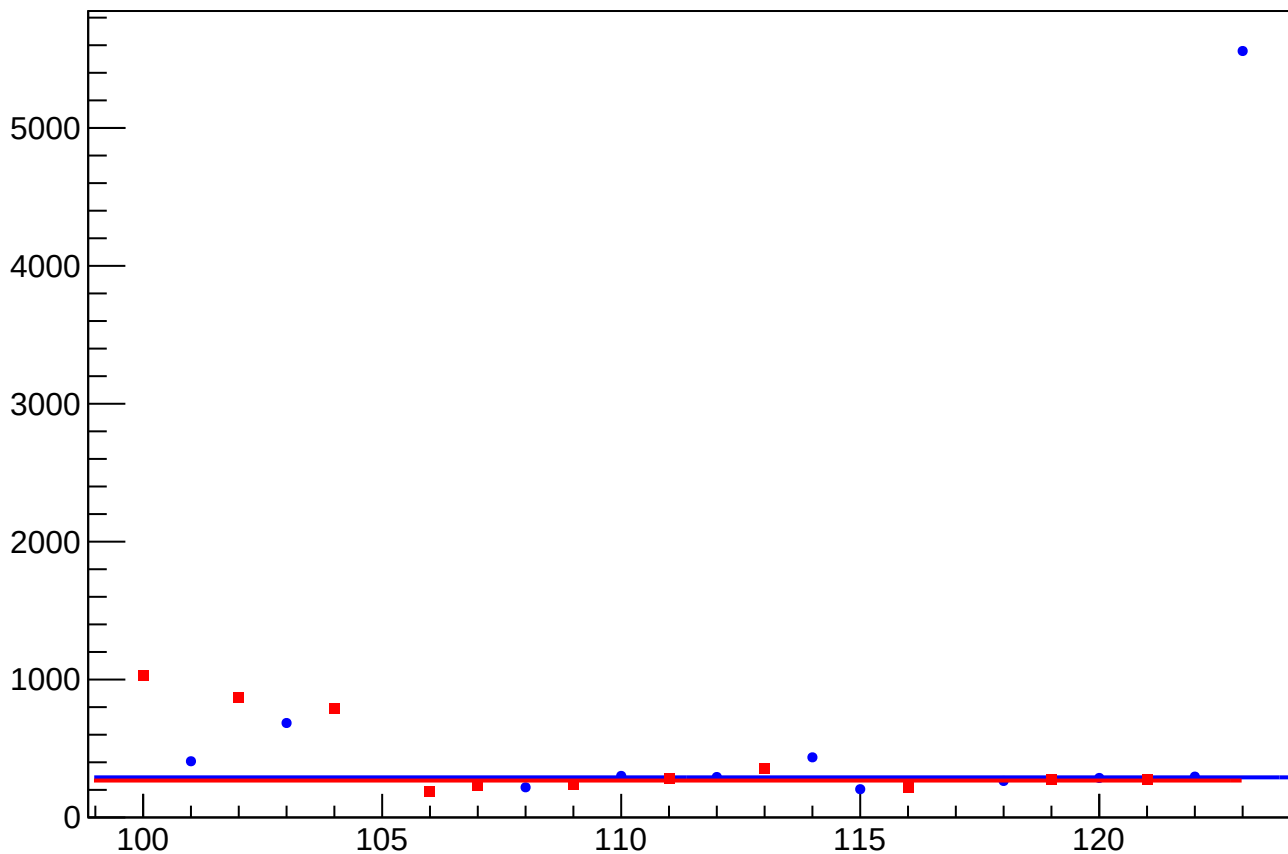
Right: -0.010+/-0.104 χ^2/NDF : 41.7/21

In: 0.048+/-0.153 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.104 χ^2/NDF : 41.7/21

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.785+/-0.108 χ^2/NDF : 718602.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.670+/-0.100 χ^2/NDF : 1025872.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

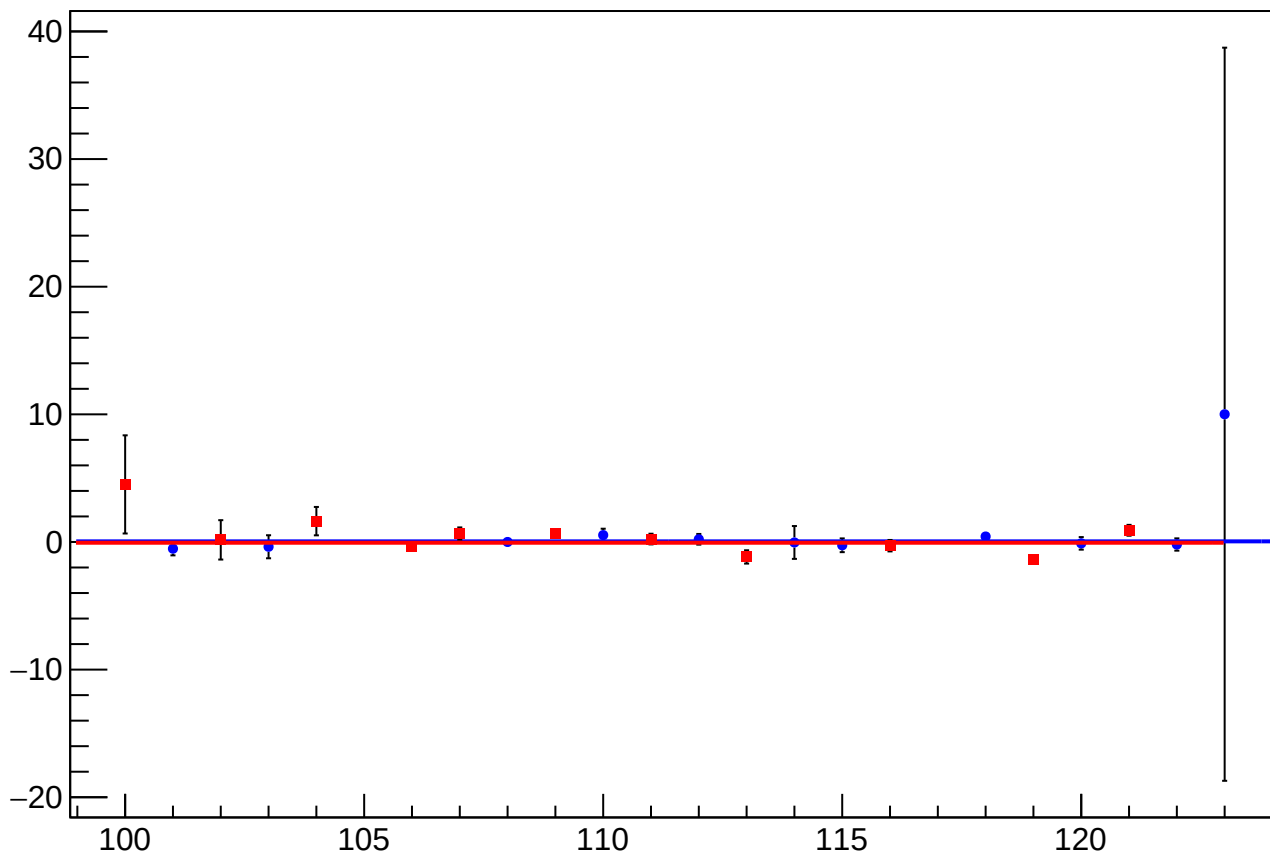
Right: 278.313+/-0.073 χ^2/NDF : 1769076.2/21

In: 290.785+/-0.108 χ^2/NDF : 718602.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.313+/-0.073 χ^2/NDF : 1769076.2/21

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.153 χ^2/NDF : 4.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.059+/-0.141 χ^2/NDF : 37.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

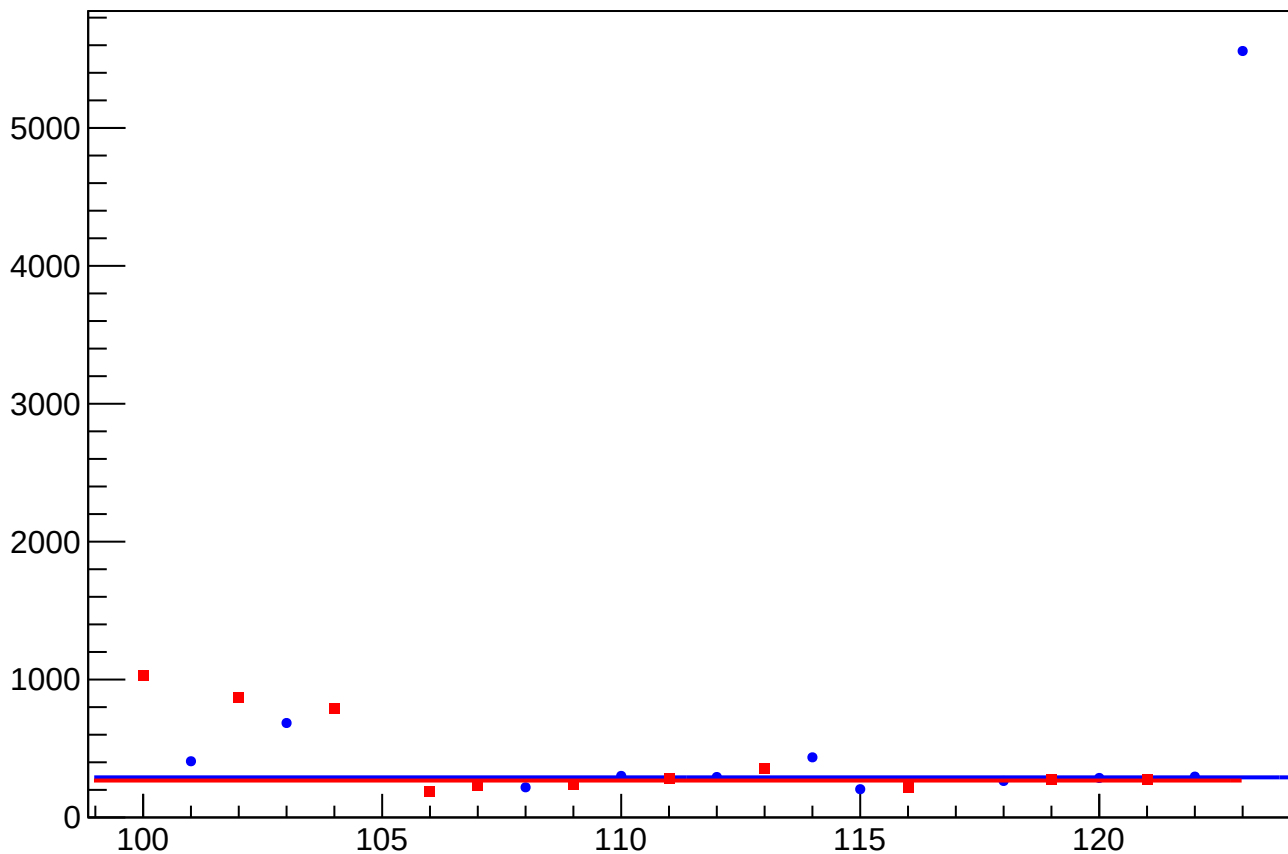
Right: -0.010+/-0.104 χ^2/NDF : 41.7/21

In: 0.048+/-0.153 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.104 χ^2/NDF : 41.7/21

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.785+/-0.108 χ^2/NDF : 718602.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.670+/-0.100 χ^2/NDF : 1025872.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

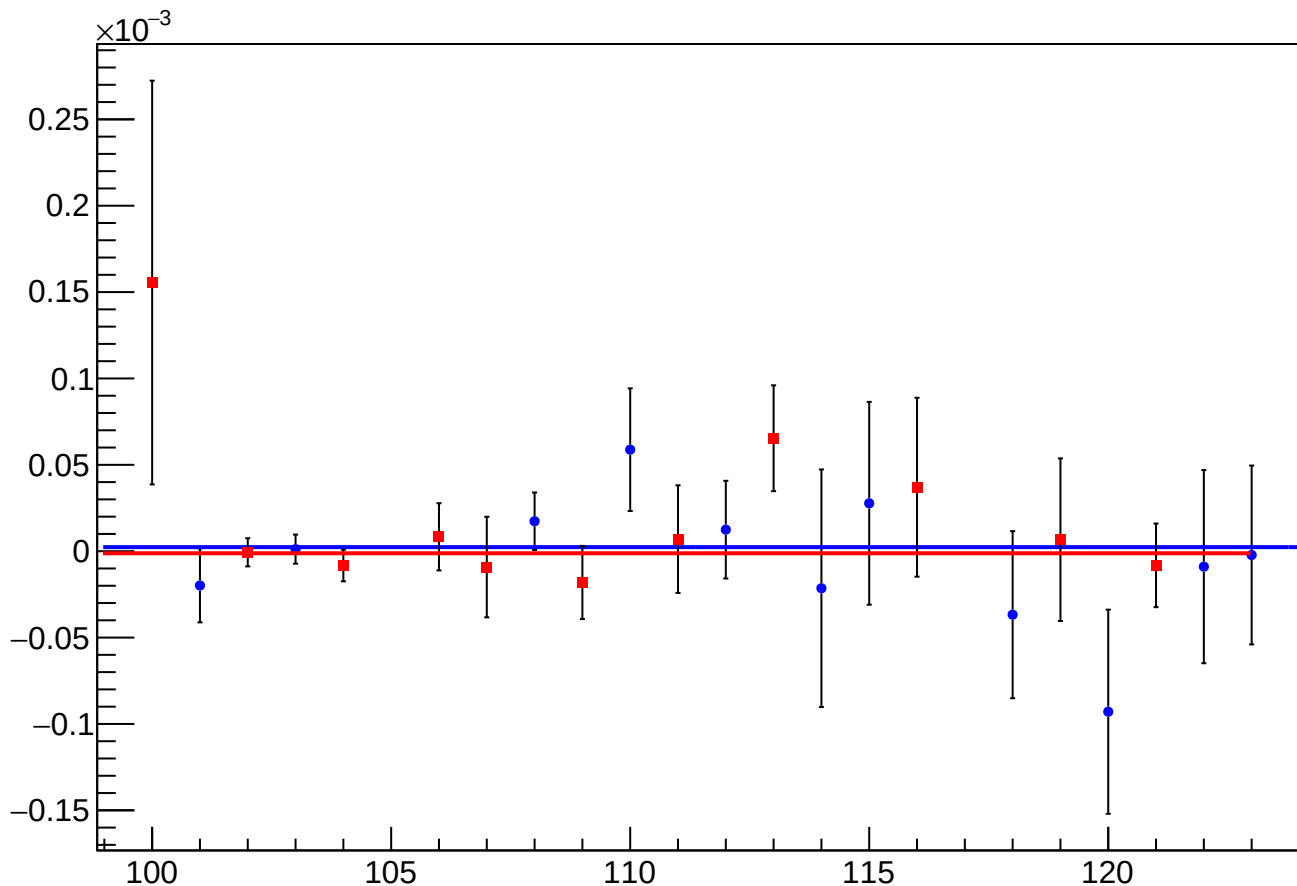
Right: 278.313+/-0.073 χ^2/NDF : 1769076.2/21

In: 290.785+/-0.108 χ^2/NDF : 718602.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.313+/-0.073 χ^2/NDF : 1769076.2/21

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/10

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

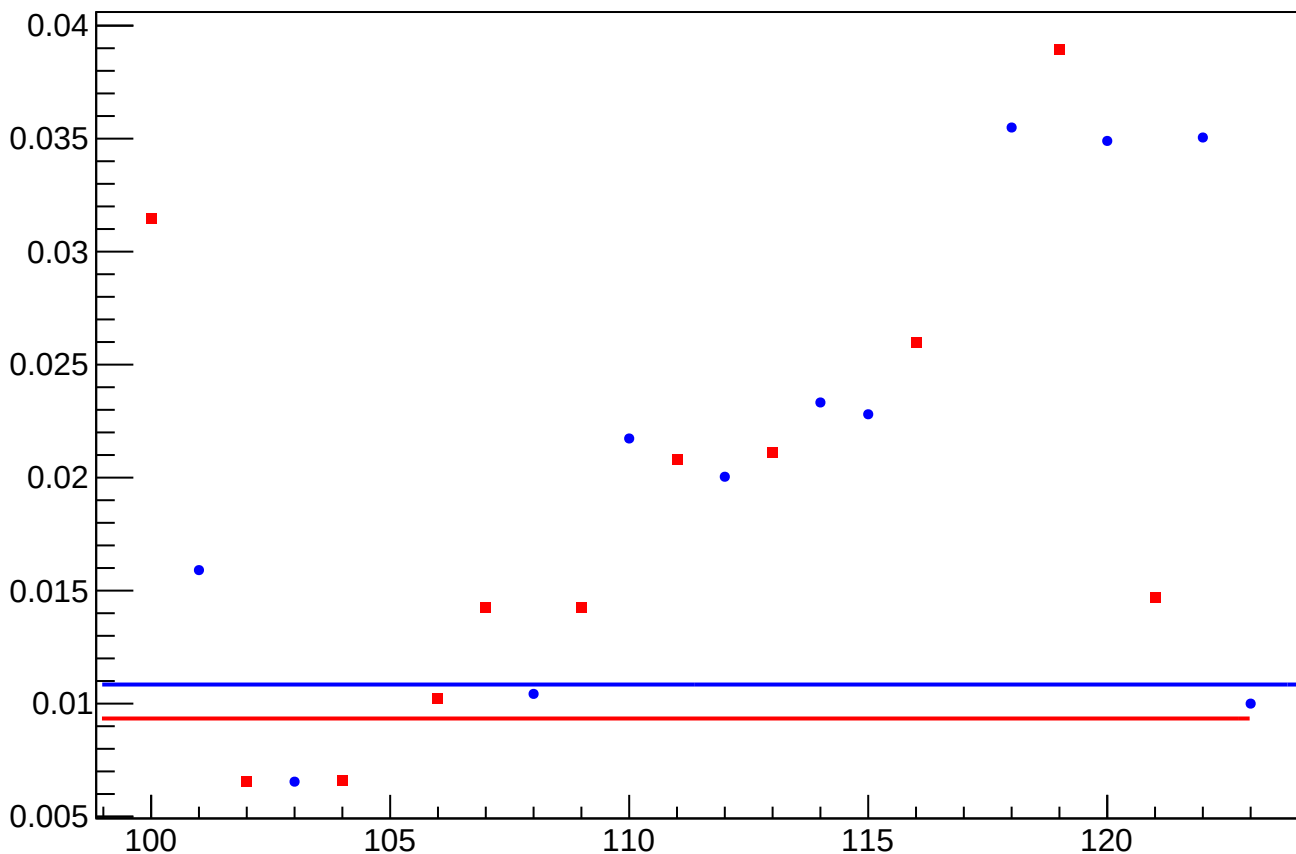
Right: 0.000+/-0.000 χ^2/NDF : 17.2/21

In: 0.000+/-0.000 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/21

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 2409768.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 2305470.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

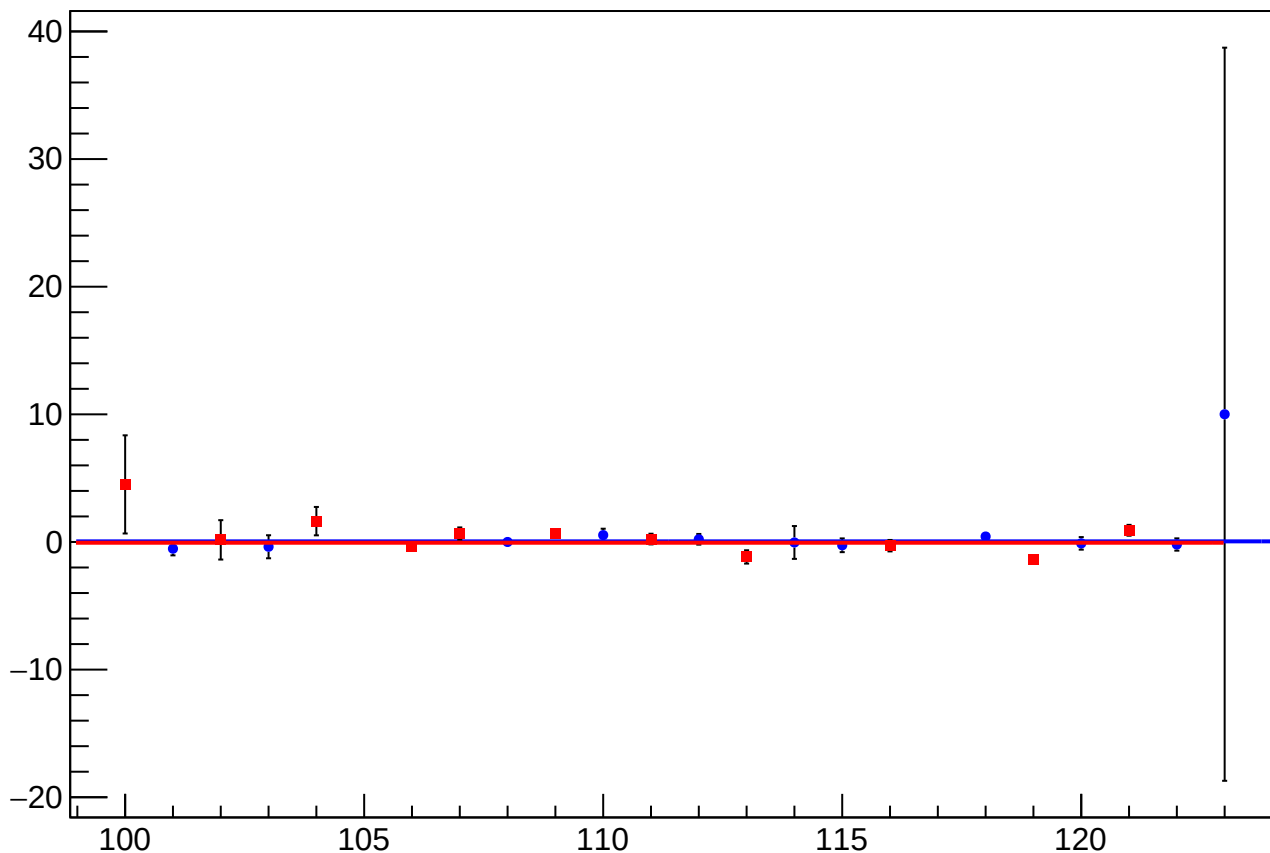
Right: 0.010+/-0.000 χ^2/NDF : 4781228.1/21

In: 0.011+/-0.000 χ^2/NDF : 2409768.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 4781228.1/21

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.153 χ^2 /NDF: 4.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.059 $\pm$ 0.141 χ^2 /NDF: 37.0/10

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

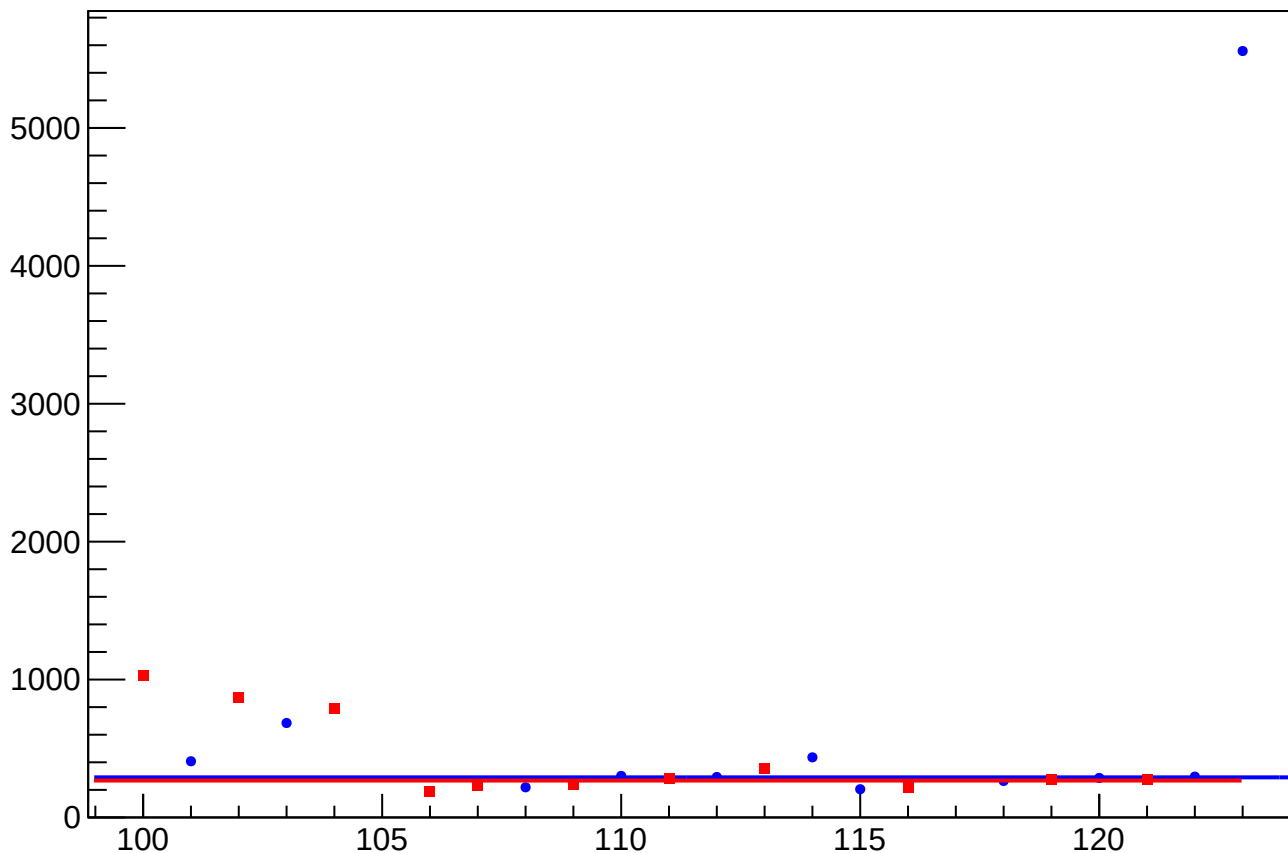
Right: -0.010 $\pm$ 0.104 χ^2 /NDF: 41.7/21

In: 0.048 $\pm$ 0.153 χ^2 /NDF:4.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.104 χ^2 /NDF: 41.7/21

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.786+/-0.108 χ^2/NDF : 718584.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.671+/-0.100 χ^2/NDF : 1025859.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

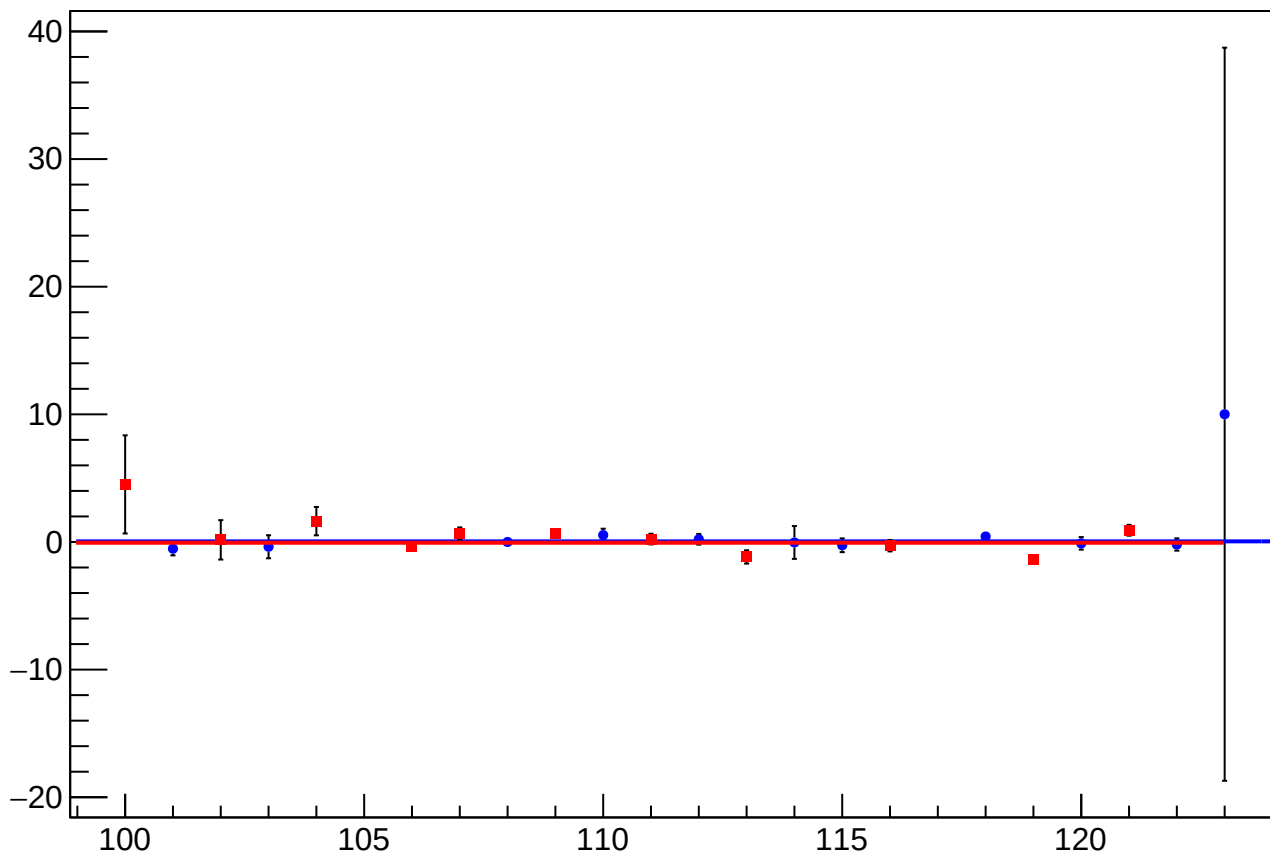
Right: 278.314+/-0.073 χ^2/NDF : 1769043.9/21

In: 290.786+/-0.108 χ^2/NDF : 718584.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.314+/-0.073 χ^2/NDF : 1769043.9/21

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.153 χ^2/NDF : 4.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.059+/-0.141 χ^2/NDF : 37.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

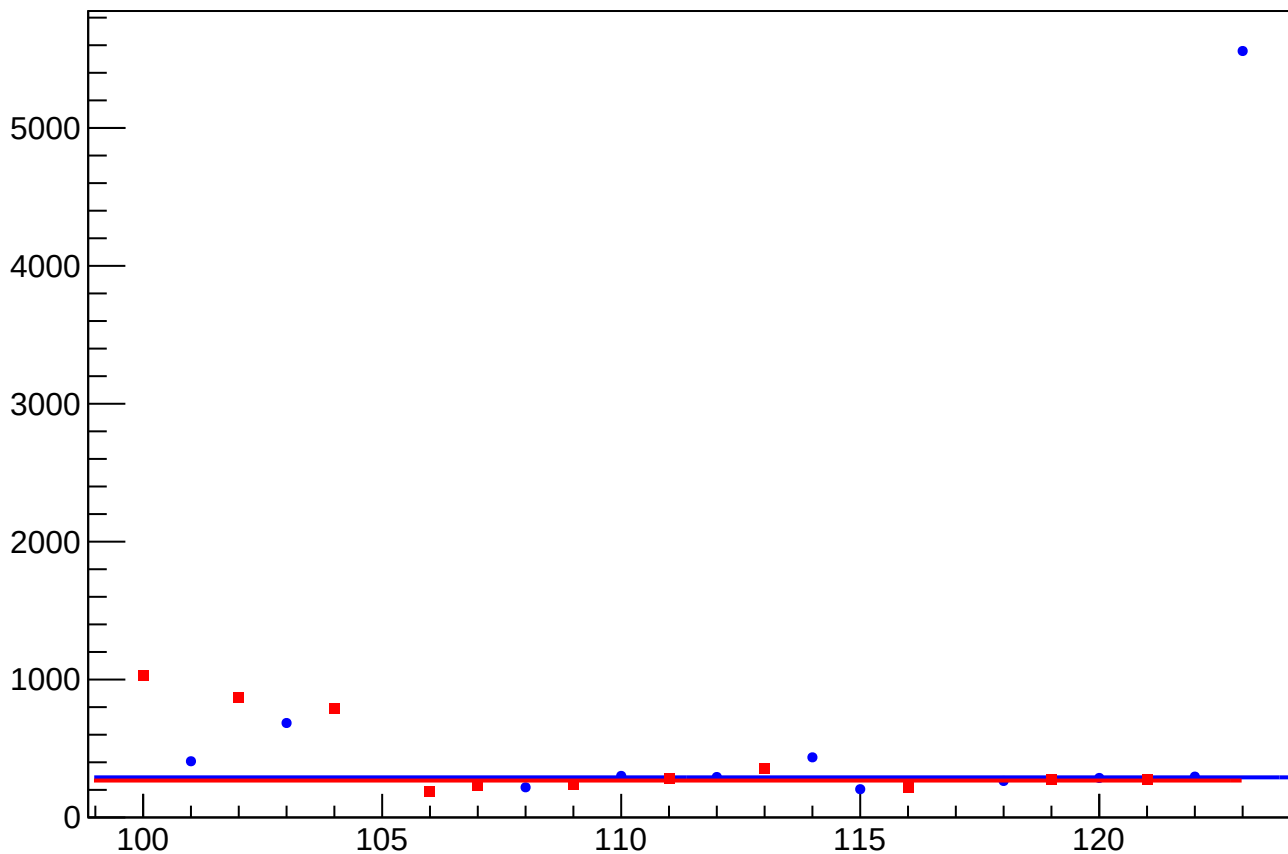
Right: -0.010+/-0.104 χ^2/NDF : 41.7/21

In: 0.048+/-0.153 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.104 χ^2/NDF : 41.7/21

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.786+/-0.108 χ^2/NDF : 718584.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.671+/-0.100 χ^2/NDF : 1025859.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

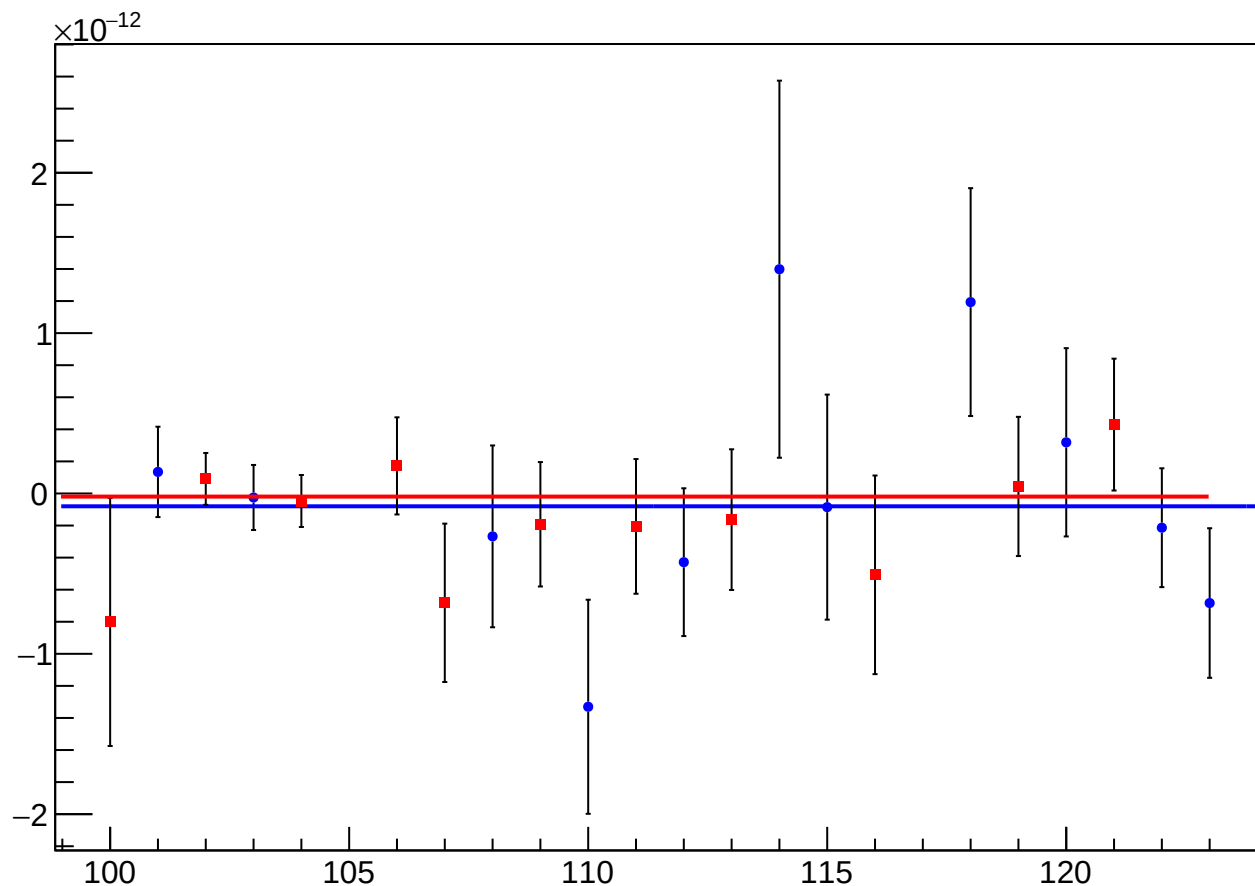
Right: 278.314+/-0.073 χ^2/NDF : 1769043.9/21

In: 290.786+/-0.108 χ^2/NDF : 718584.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.314+/-0.073 χ^2/NDF : 1769043.9/21

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/10

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

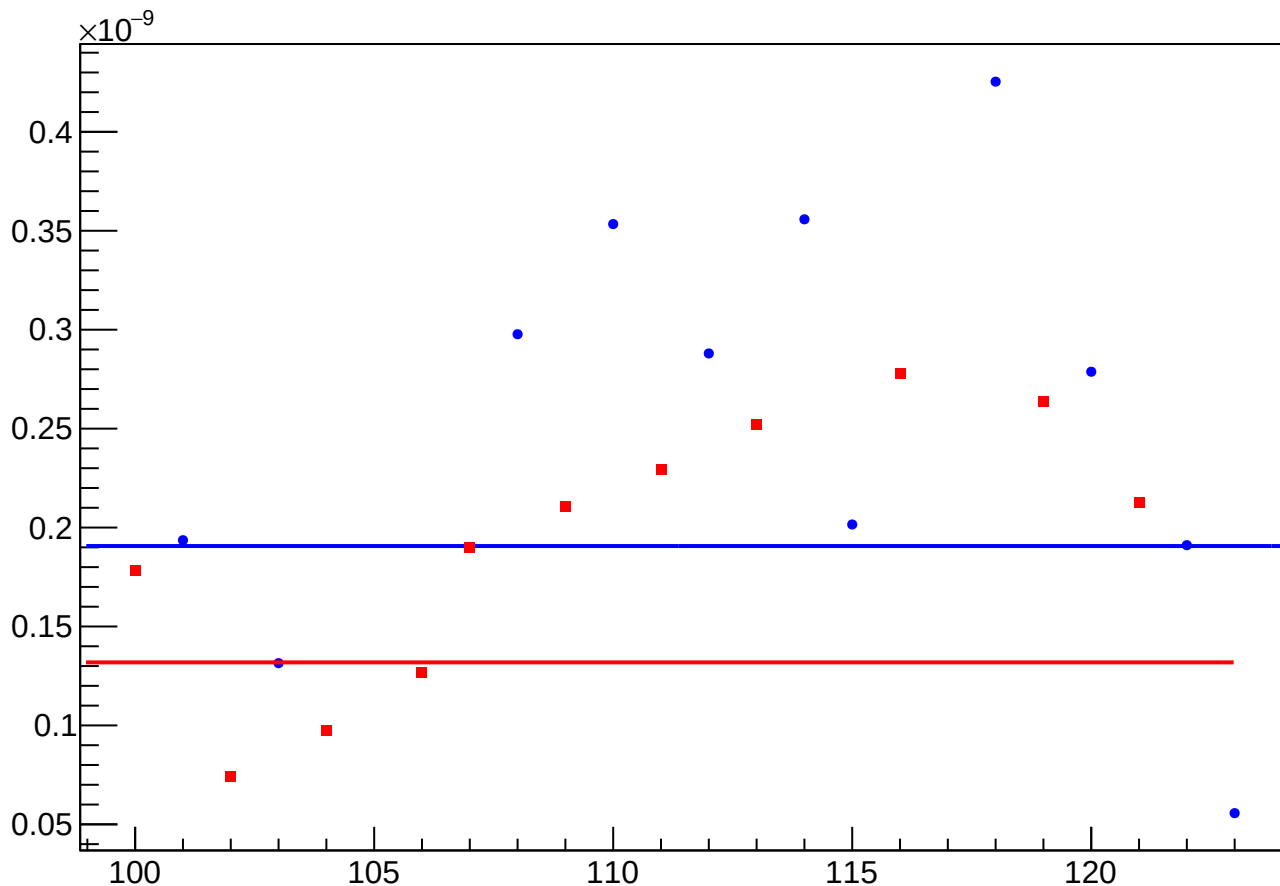
Right: -0.000+/-0.000 χ^2/NDF : 18.1/21

In: -0.000+/-0.000 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/21

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 920574.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1092455.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

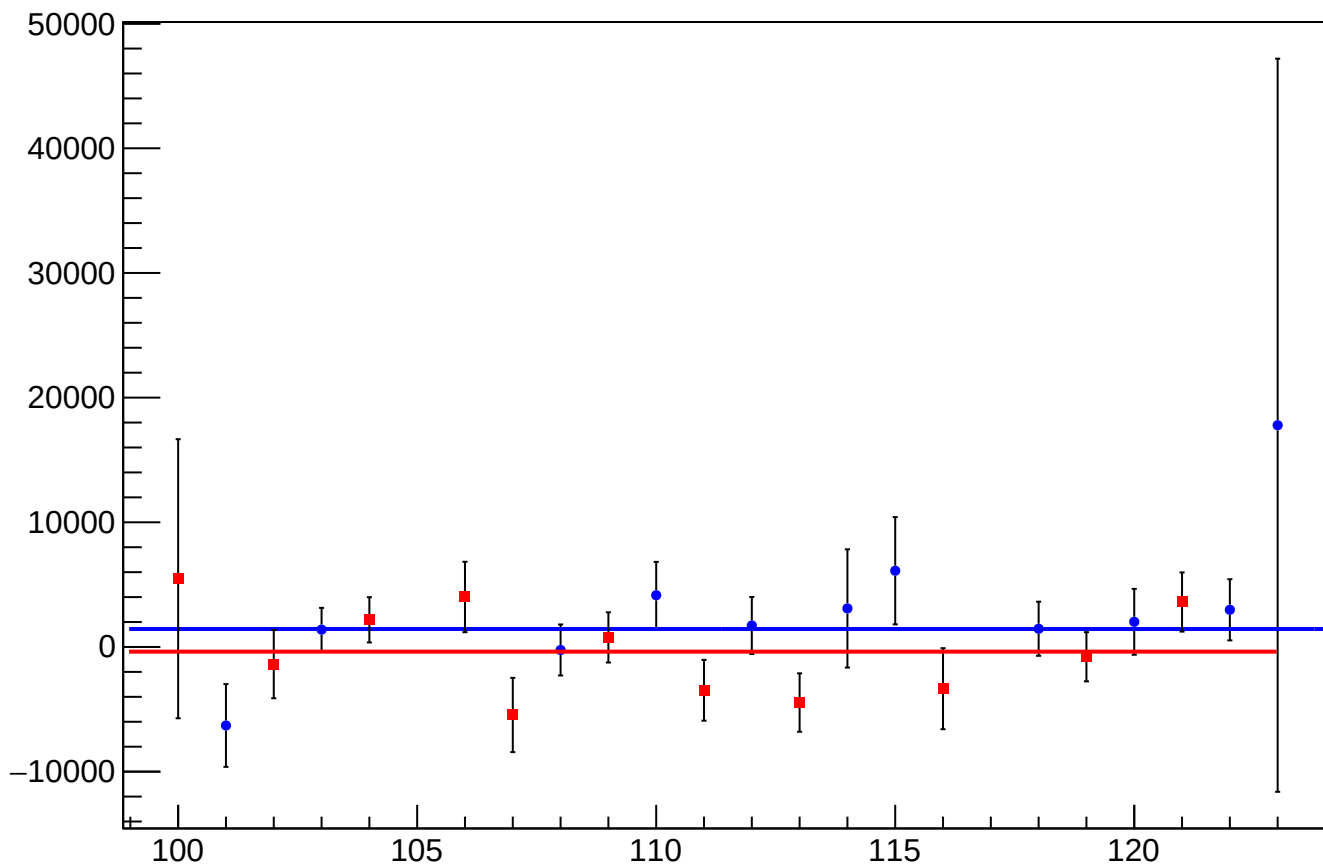
Right: 0.000+/-0.000 χ^2/NDF : 2312447.5/21

In: 0.000+/-0.000 χ^2/NDF : 920574.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2312447.5/21

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1441.392+/-787.773 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -374.668+/-743.399 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

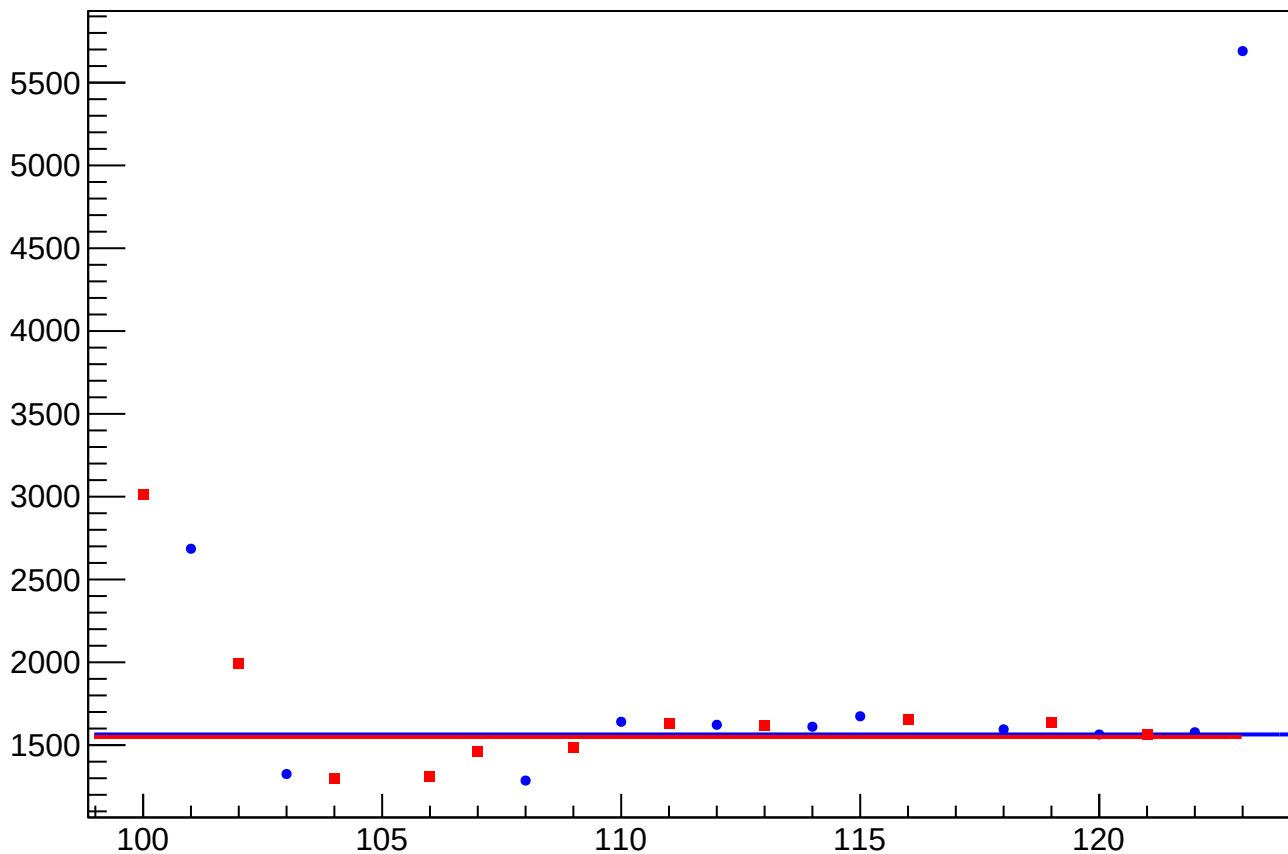
Right: 480.776+/-540.670 χ^2/NDF : 28.4/21

In: 1441.392+/-787.773 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.776+/-540.670 χ^2/NDF : 28.4/21

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1564.339+/-0.557 χ^2/NDF : 347019.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.158+/-0.526 χ^2/NDF : 151751.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

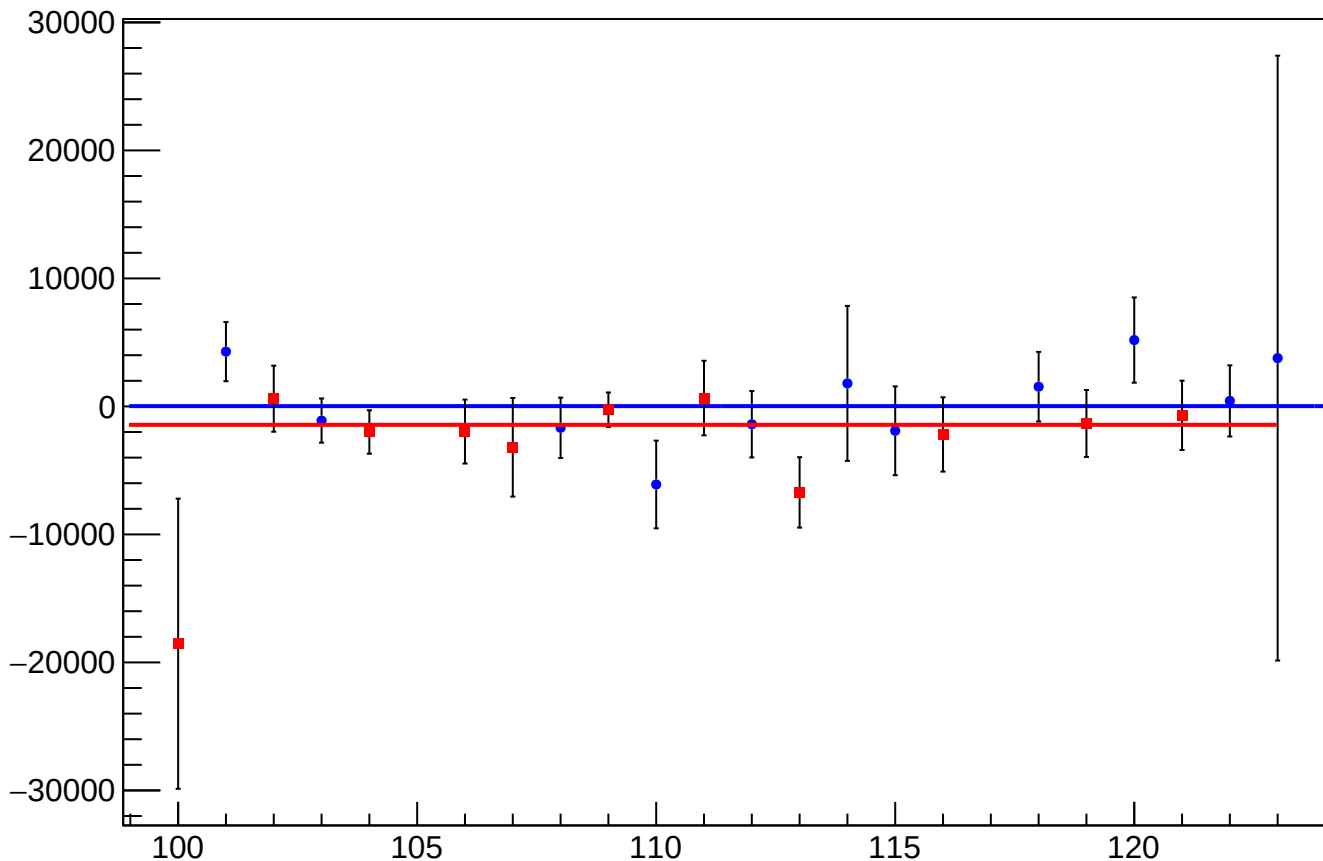
Right: 1556.309+/-0.382 χ^2/NDF : 499163.4/21

In: 1564.339+/-0.557 χ^2/NDF : 347019.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.309+/-0.382 χ^2/NDF : 499163.4/21

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 23.376+/-844.417 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1439.708+/-719.586 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

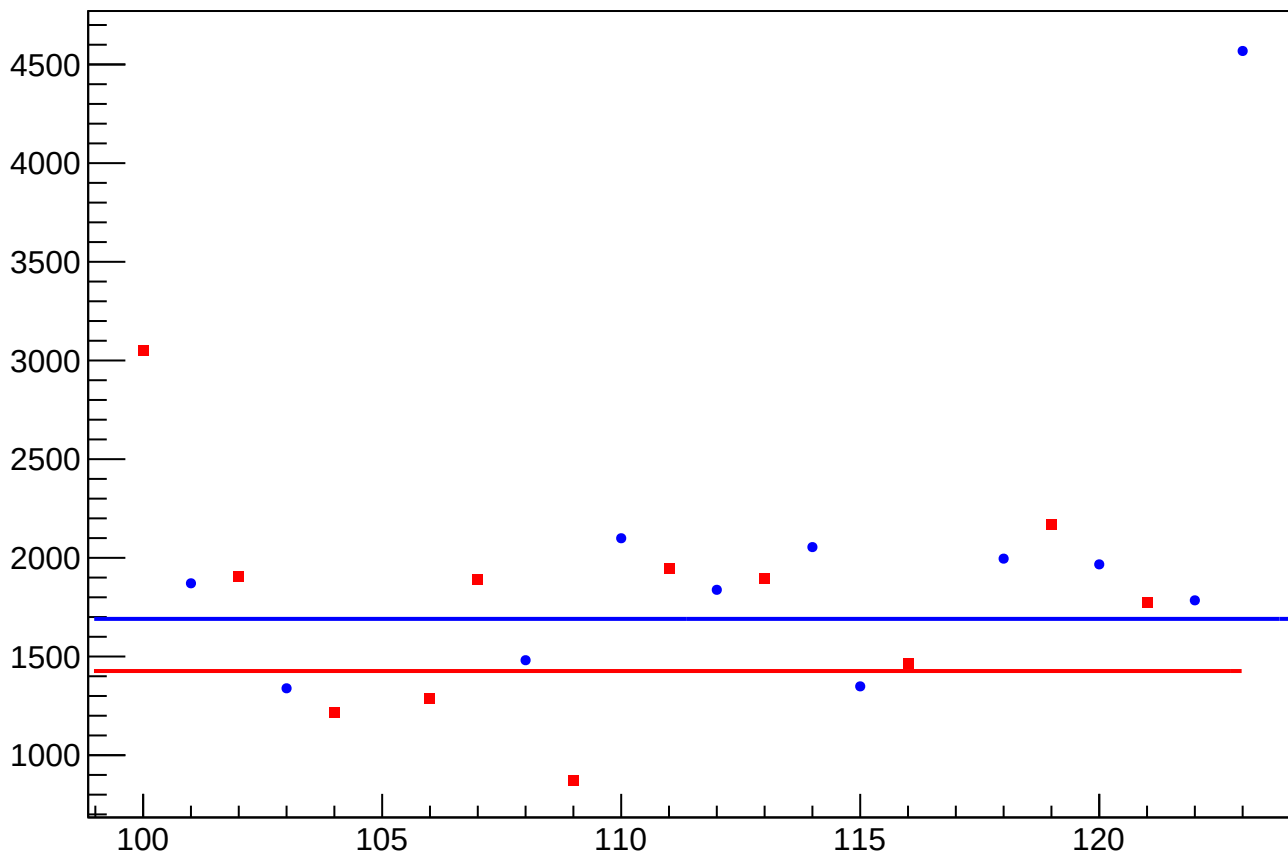
Right: -824.203+/-547.694 χ^2/NDF : 21.1/21

In: 23.376+/-844.417 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -824.203+/-547.694 χ^2/NDF : 21.1/21

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1690.679+/-0.597 χ^2/NDF : 243237.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1426.474+/-0.509 χ^2/NDF : 828459.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

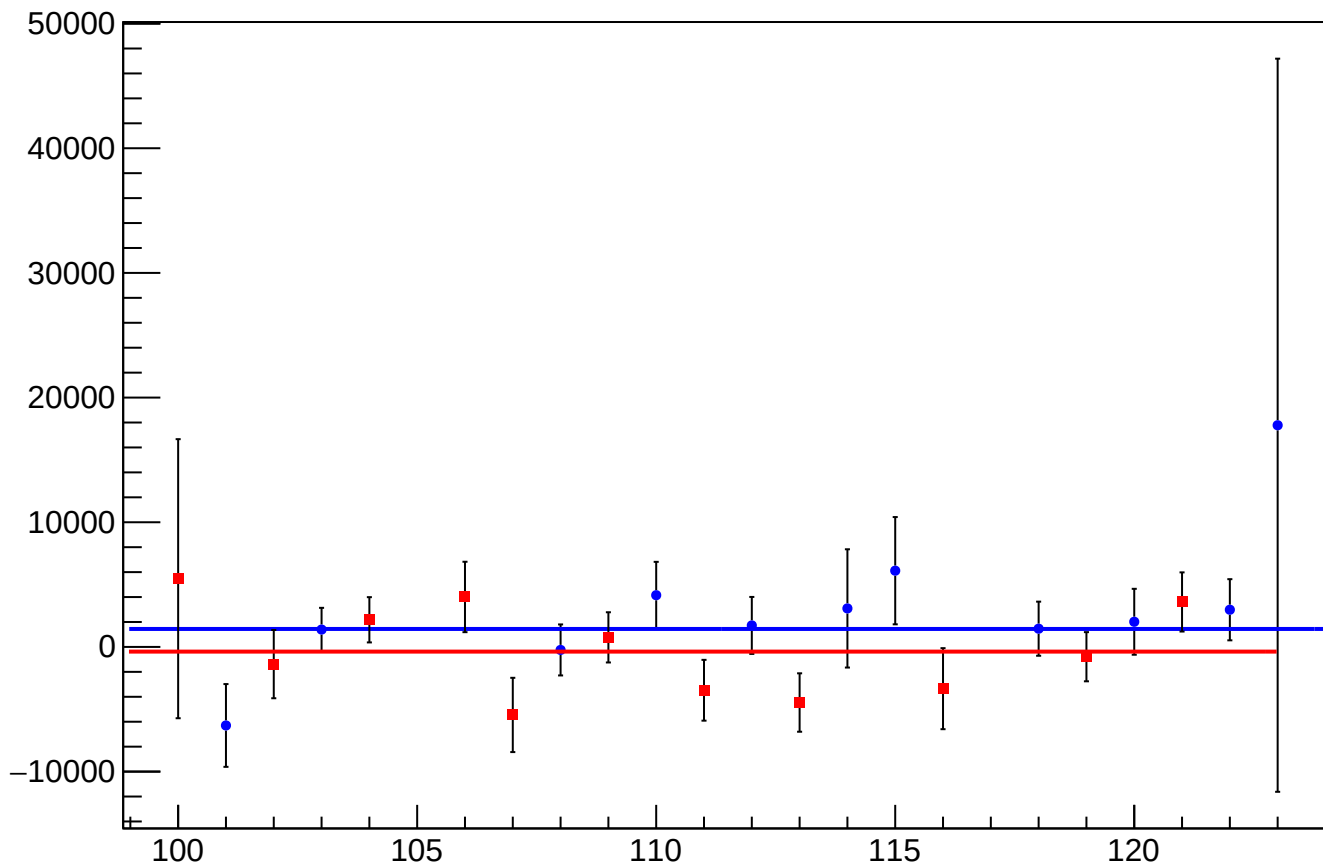
Right: 1537.622+/-0.387 χ^2/NDF : 1185121.4/21

In: 1690.679+/-0.597 χ^2/NDF :243237.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1537.622+/-0.387 χ^2/NDF : 1185121.4/21

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1441.239+/-787.774 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -375.053+/-743.399 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

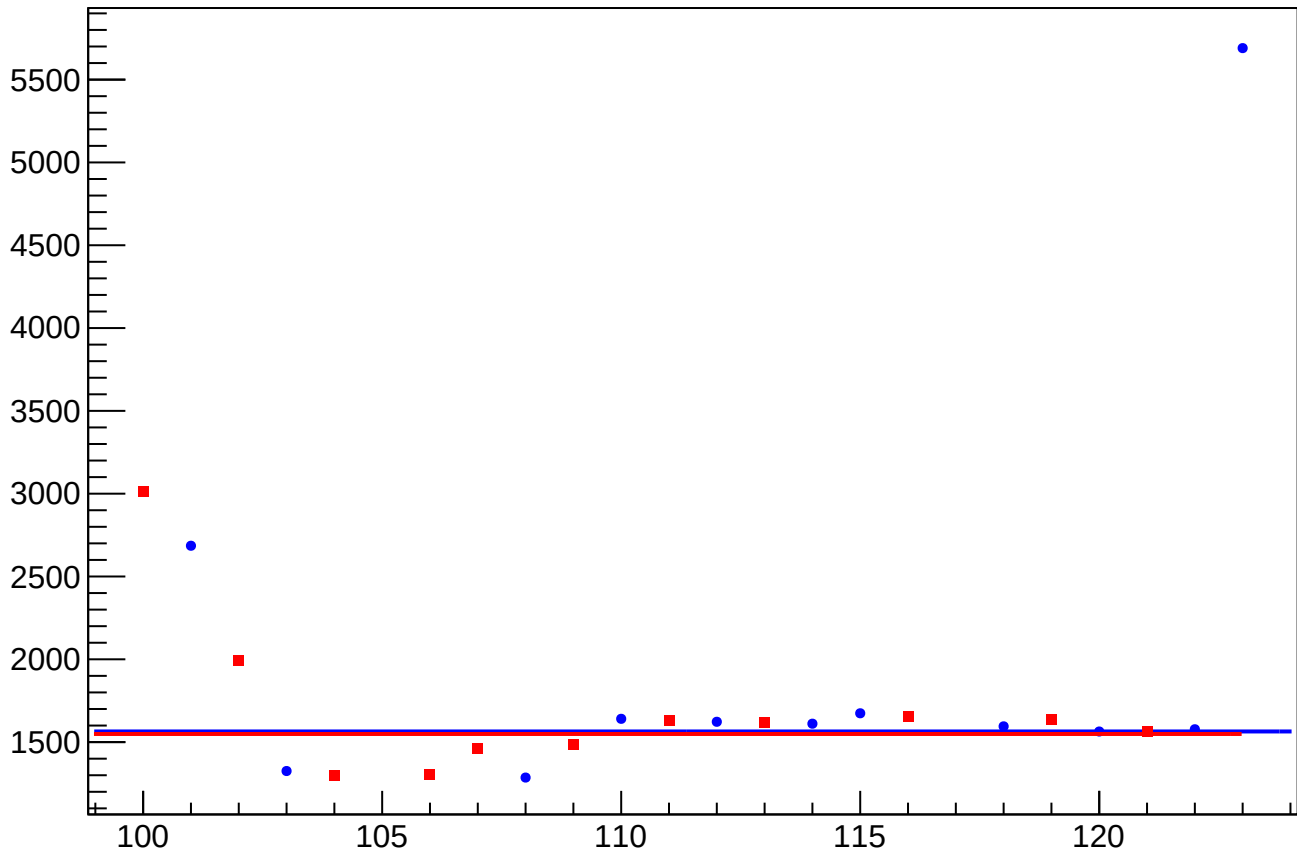
Right: 480.500+/-540.670 χ^2/NDF : 28.4/21

In: 1441.239+/-787.774 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.500+/-540.670 χ^2/NDF : 28.4/21

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1564.339+/-0.557 χ^2/NDF : 347019.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.157+/-0.526 χ^2/NDF : 151750.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

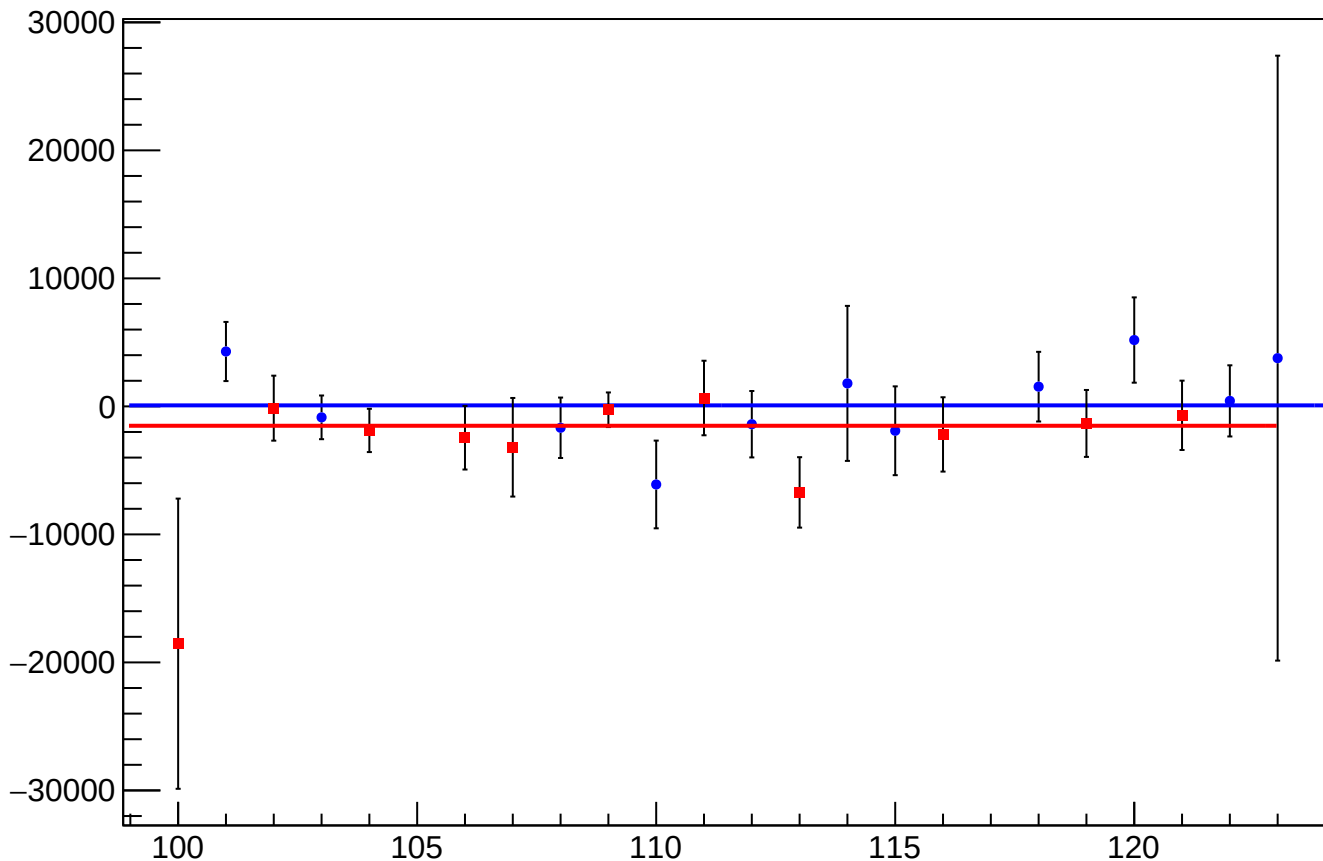
Right: 1556.308+/-0.382 χ^2/NDF : 499163.4/21

In: 1564.339+/-0.557 χ^2/NDF : 347019.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.308+/-0.382 χ^2/NDF : 499163.4/21

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 78.686 ± 841.867 χ^2/NDF : 10.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1514.366 ± 717.725 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

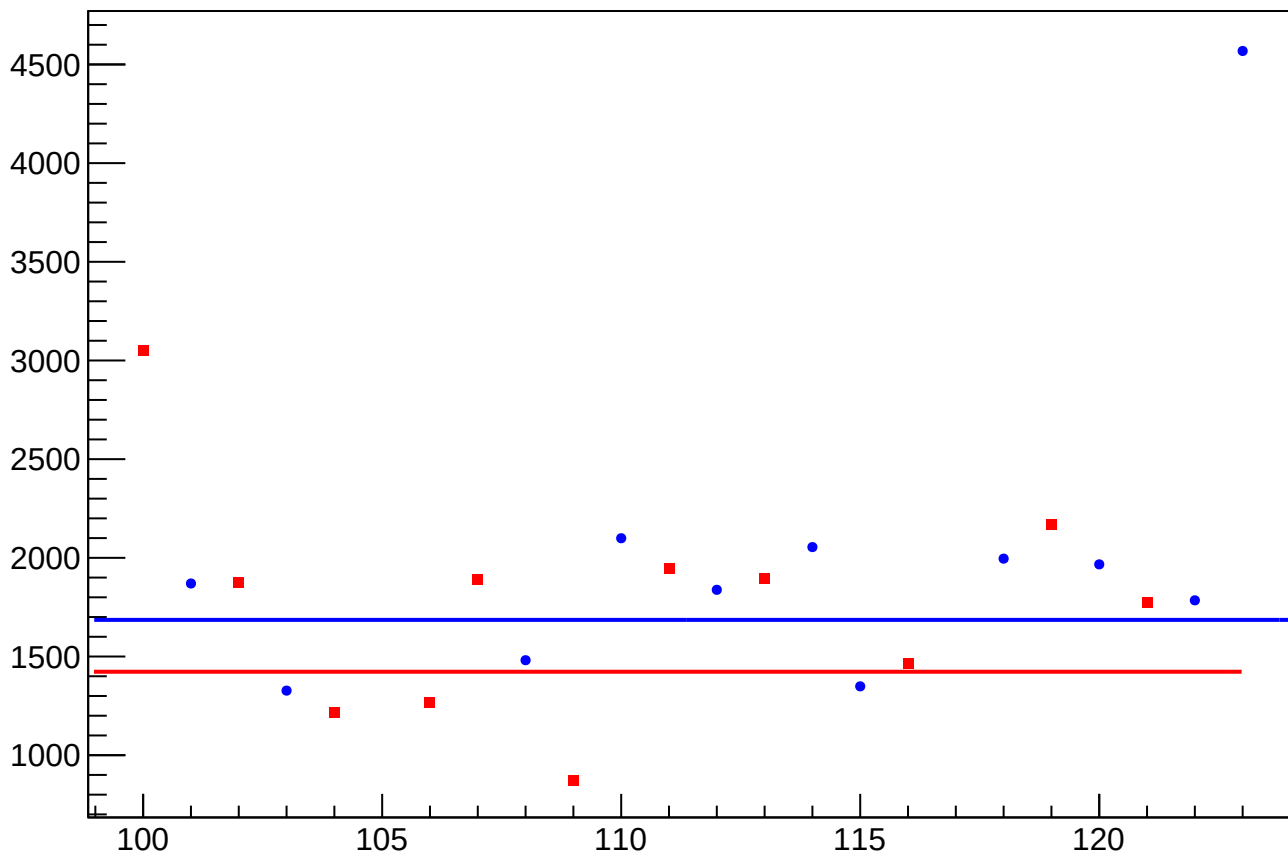
Right: -843.847 ± 546.178 χ^2/NDF : 21.0/21

In: 78.686 ± 841.867 χ^2/NDF : 10.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -843.847 ± 546.178 χ^2/NDF : 21.0/21

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1685.631+/-0.595 χ^2/NDF : 250889.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.825+/-0.508 χ^2/NDF : 825401.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

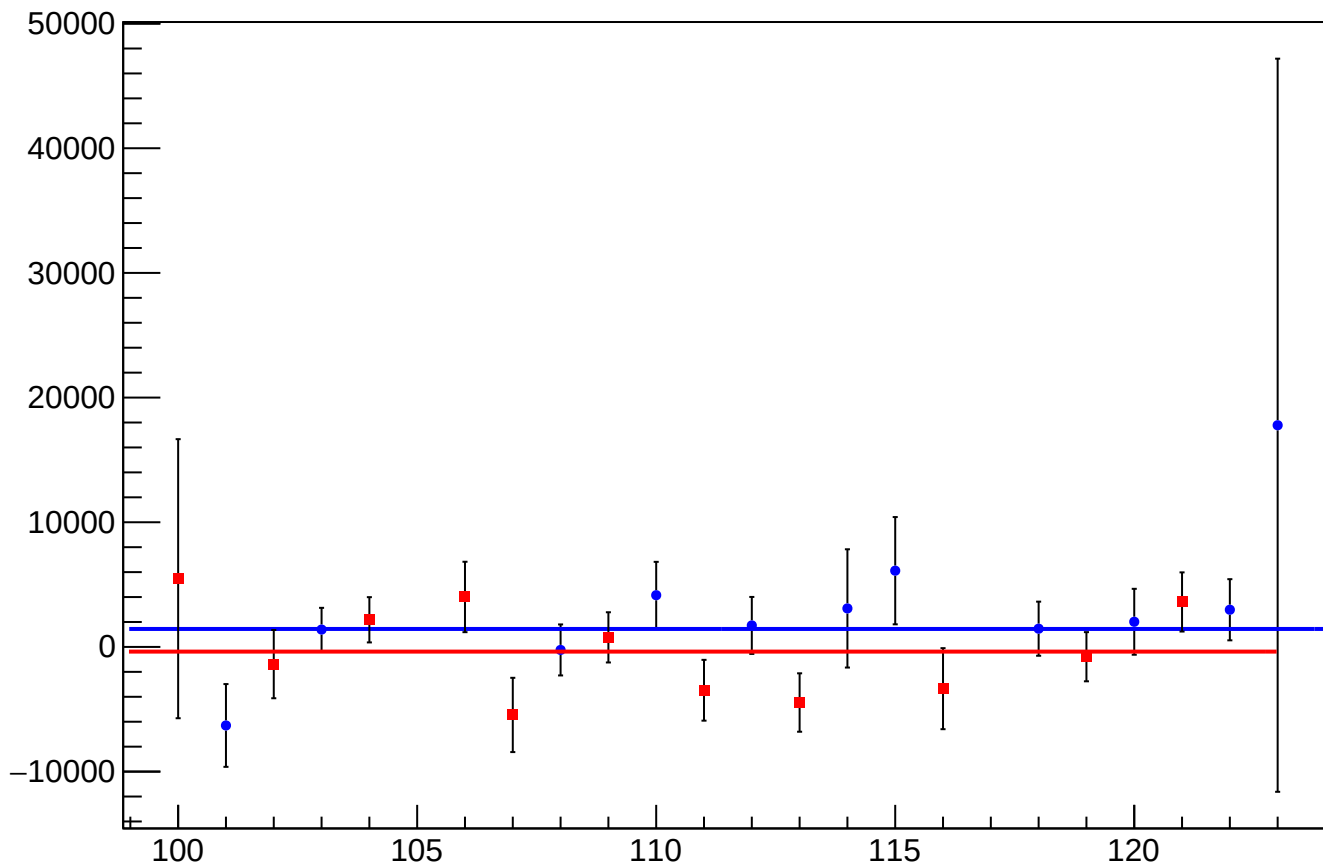
Right: 1533.441+/-0.386 χ^2/NDF : 1189156.8/21

In: 1685.631+/-0.595 χ^2/NDF : 250889.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.441+/-0.386 χ^2/NDF : 1189156.8/21

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1441.239+/-787.774 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -375.053+/-743.399 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

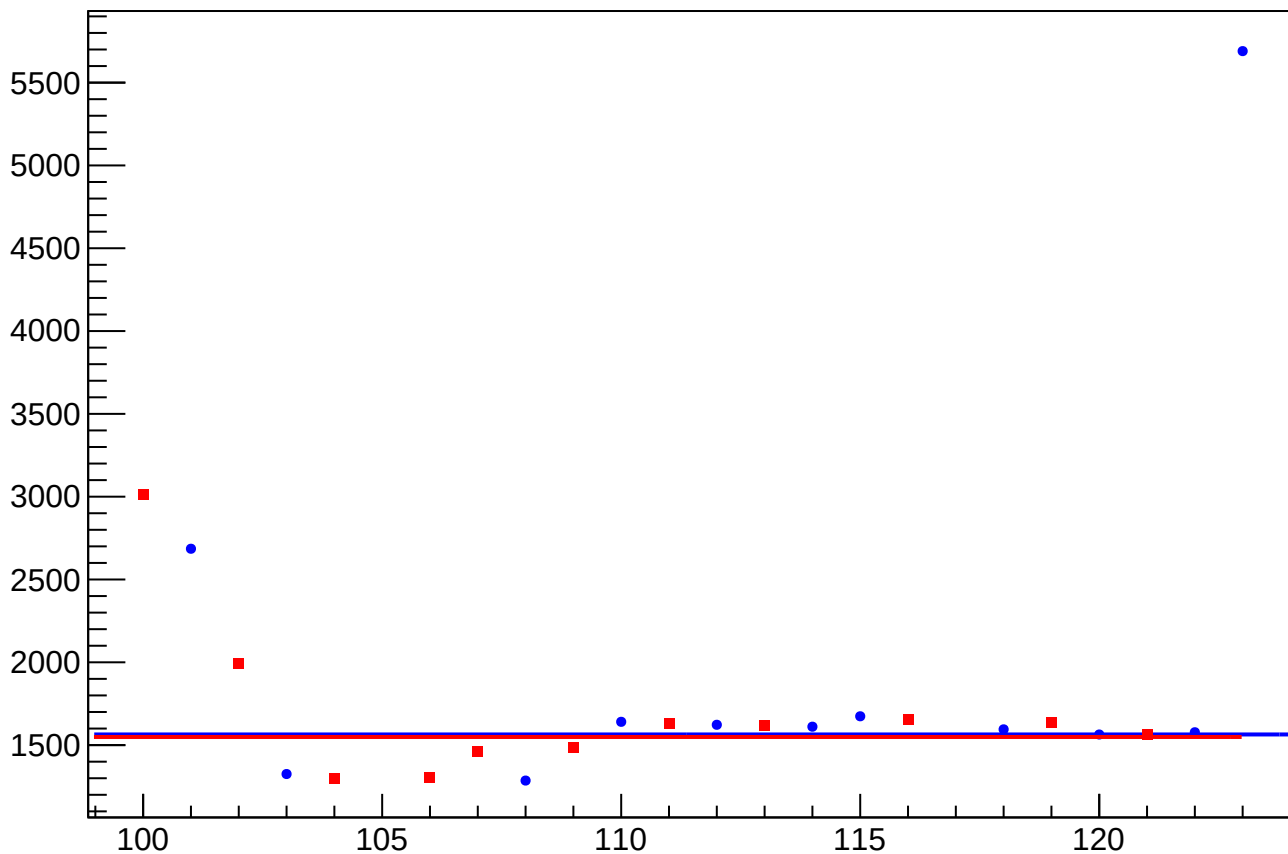
Right: 480.500+/-540.670 χ^2/NDF : 28.4/21

In: 1441.239+/-787.774 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.500+/-540.670 χ^2/NDF : 28.4/21

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1564.339+/-0.557 χ^2/NDF : 347019.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.157+/-0.526 χ^2/NDF : 151750.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

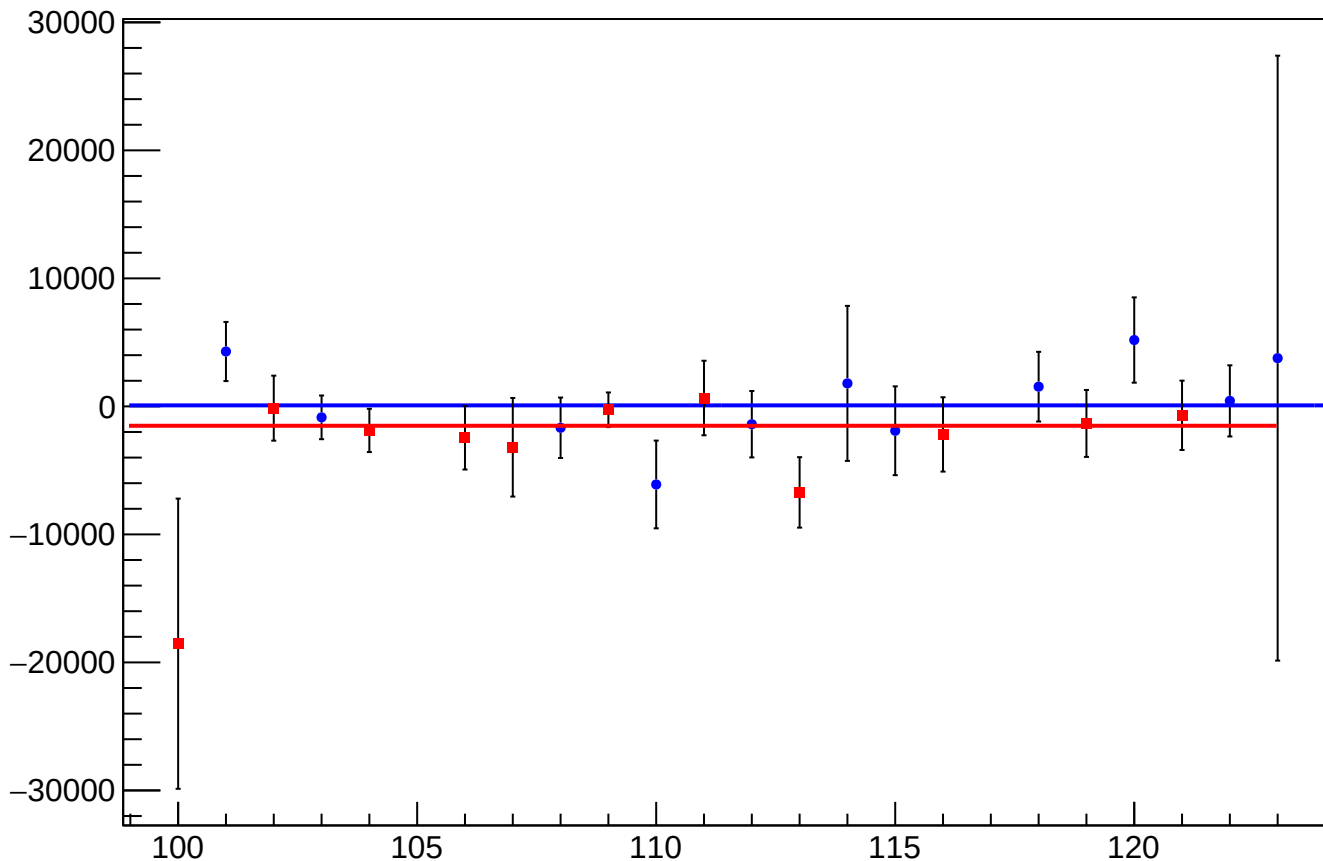
Right: 1556.308+/-0.382 χ^2/NDF : 499163.4/21

In: 1564.339+/-0.557 χ^2/NDF : 347019.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.308+/-0.382 χ^2/NDF : 499163.4/21

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 78.686+/-841.867 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1514.366+/-717.725 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

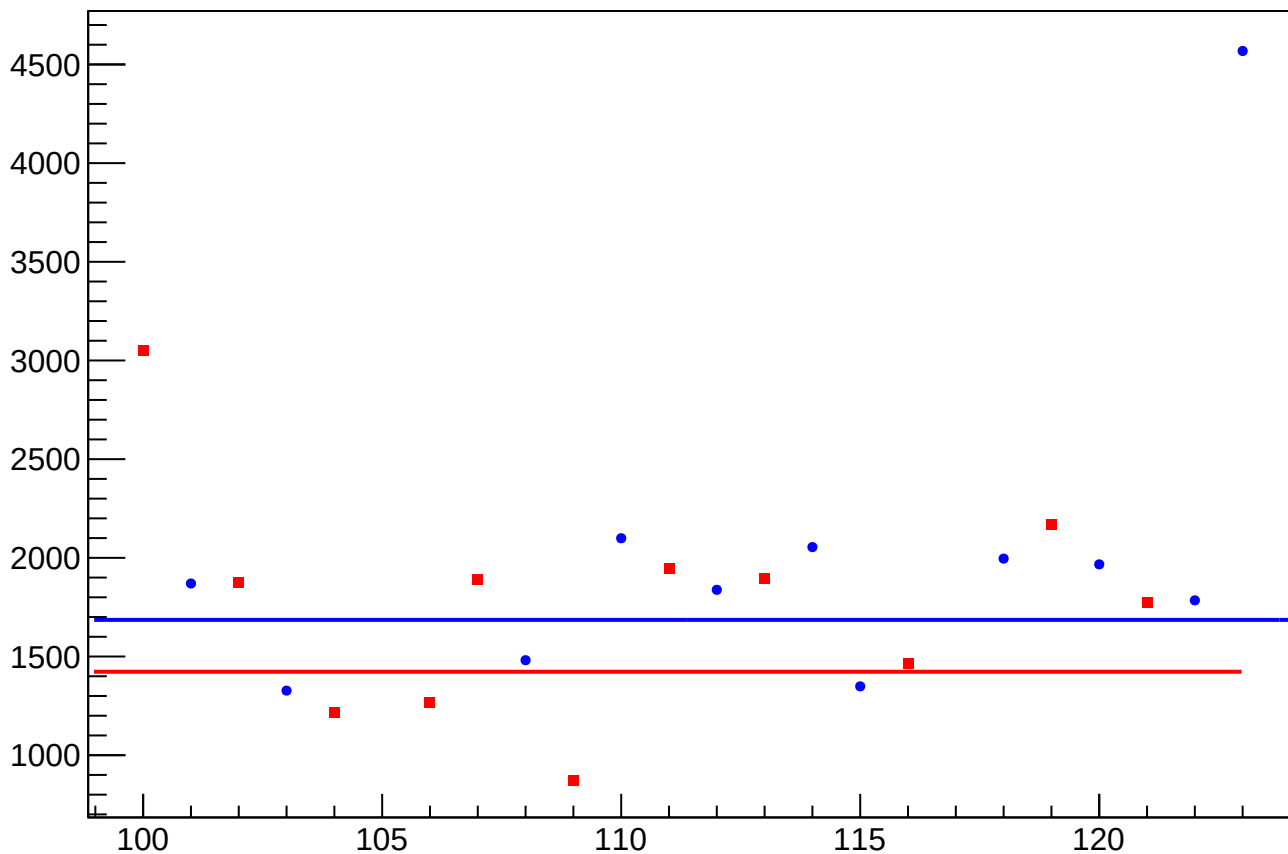
Right: -843.847+/-546.178 χ^2/NDF : 21.0/21

In: 78.686+/-841.867 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.847+/-546.178 χ^2/NDF : 21.0/21

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1685.631+/-0.595 χ^2/NDF : 250889.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.825+/-0.508 χ^2/NDF : 825401.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

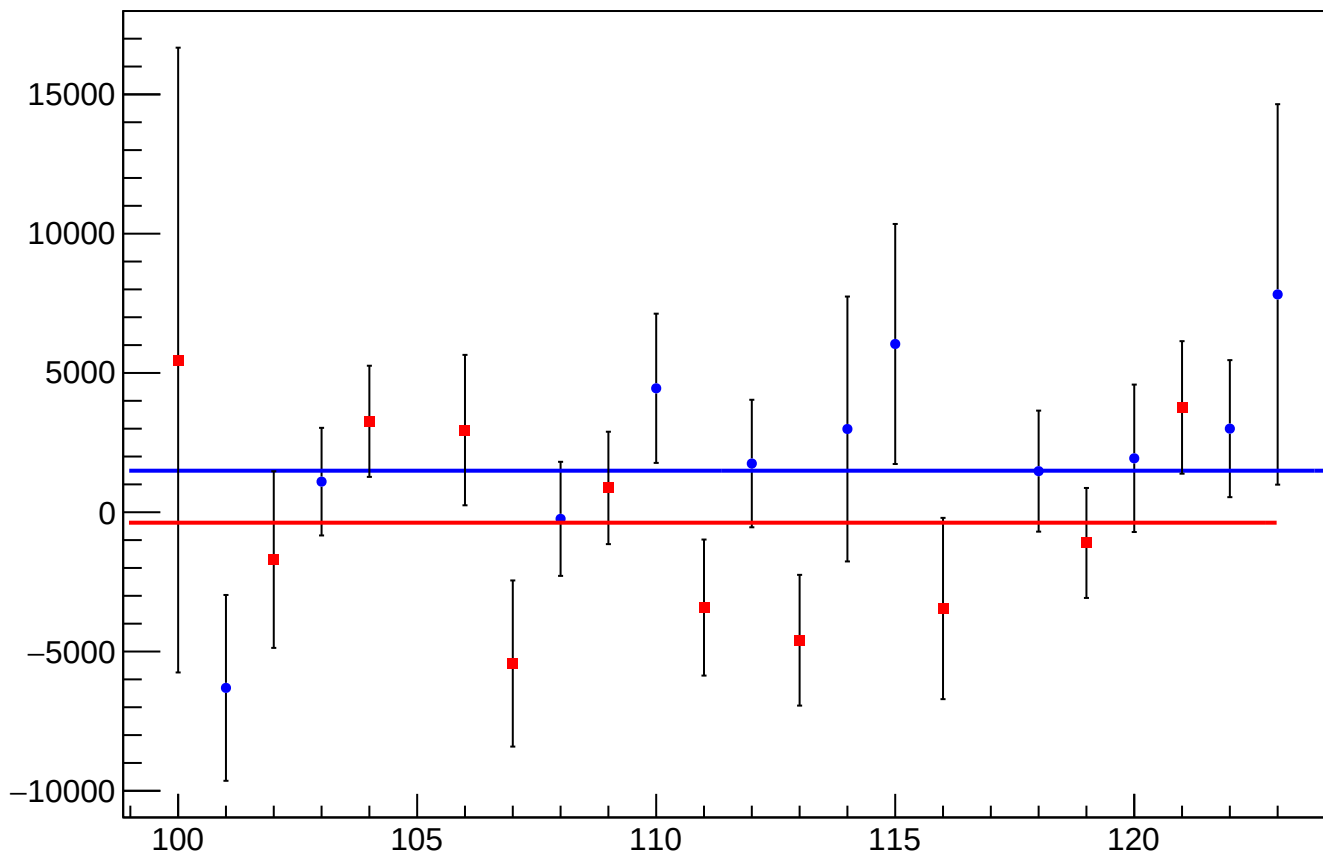
Right: 1533.441+/-0.386 χ^2/NDF : 1189156.8/21

In: 1685.631+/-0.595 χ^2/NDF : 250889.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.441+/-0.386 χ^2/NDF : 1189156.8/21

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1491.195+/-799.018 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -375.270+/-760.074 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

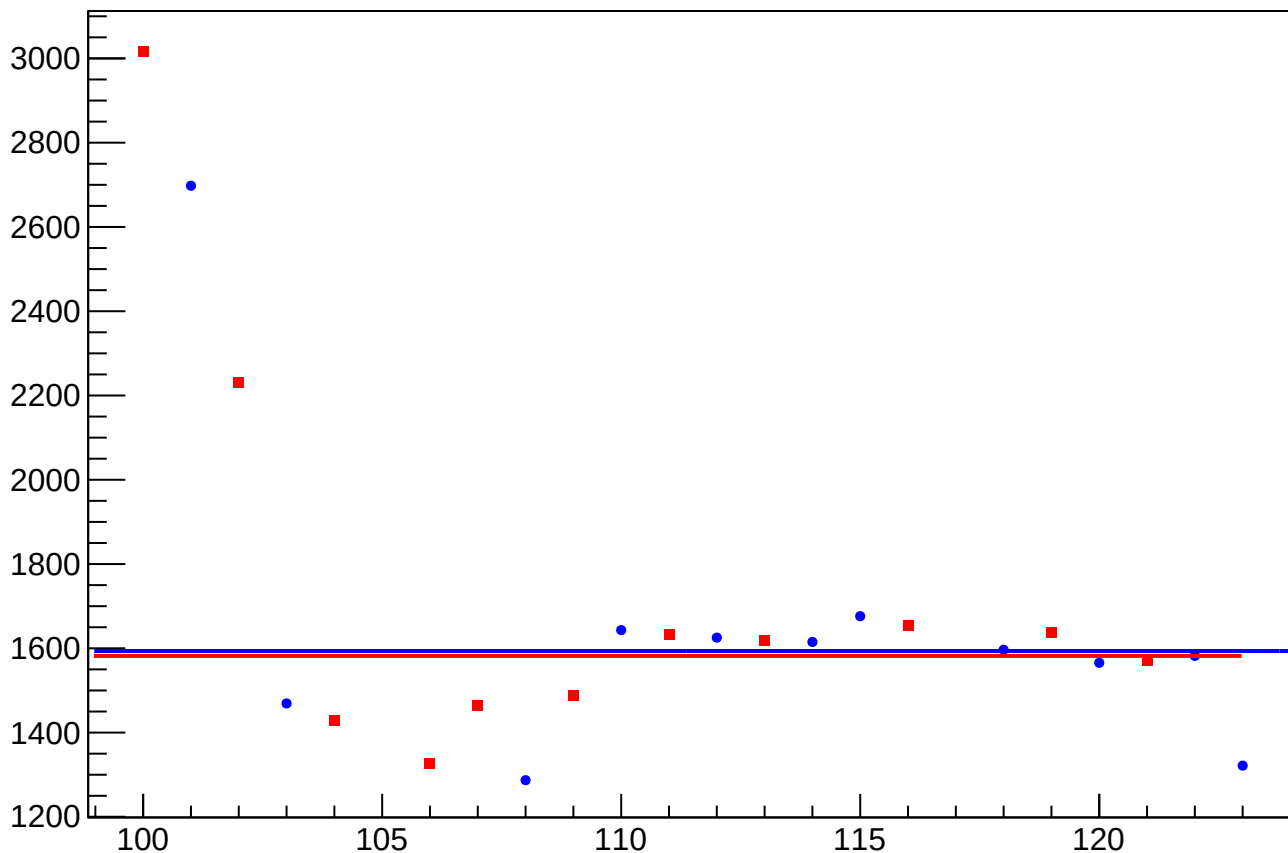
Right: 511.370+/-550.707 χ^2/NDF : 30.2/21

In: 1491.195+/-799.018 χ^2/NDF :9.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 511.370+/-550.707 χ^2/NDF : 30.2/21

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1593.654+/-0.565 χ^2/NDF : 277606.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.998+/-0.537 χ^2/NDF : 157520.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

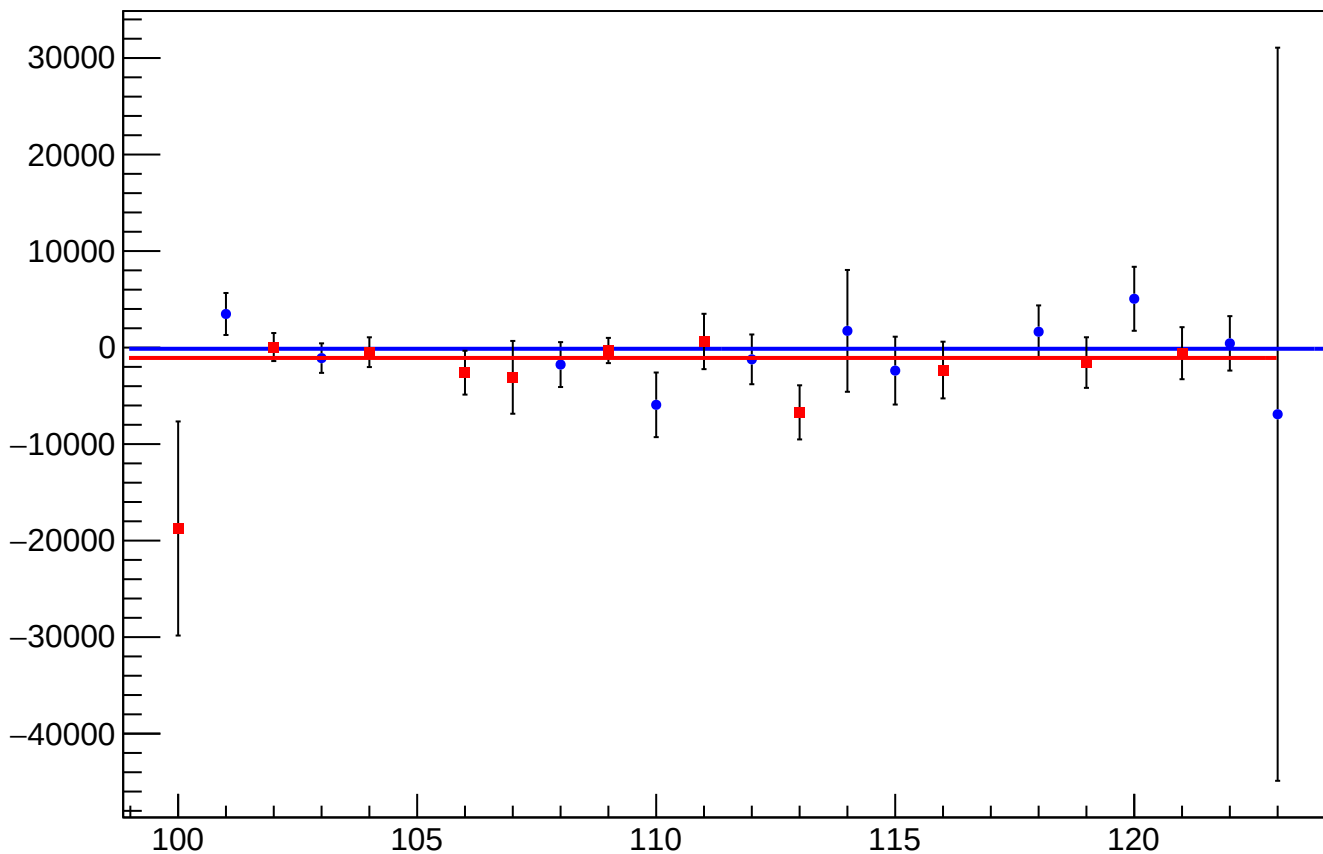
Right: 1587.535+/-0.389 χ^2/NDF : 435350.6/21

In: 1593.654+/-0.565 χ^2/NDF : 277606.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.535+/-0.389 χ^2/NDF : 435350.6/21

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -124.548+/-810.830 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1074.638+/-645.576 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

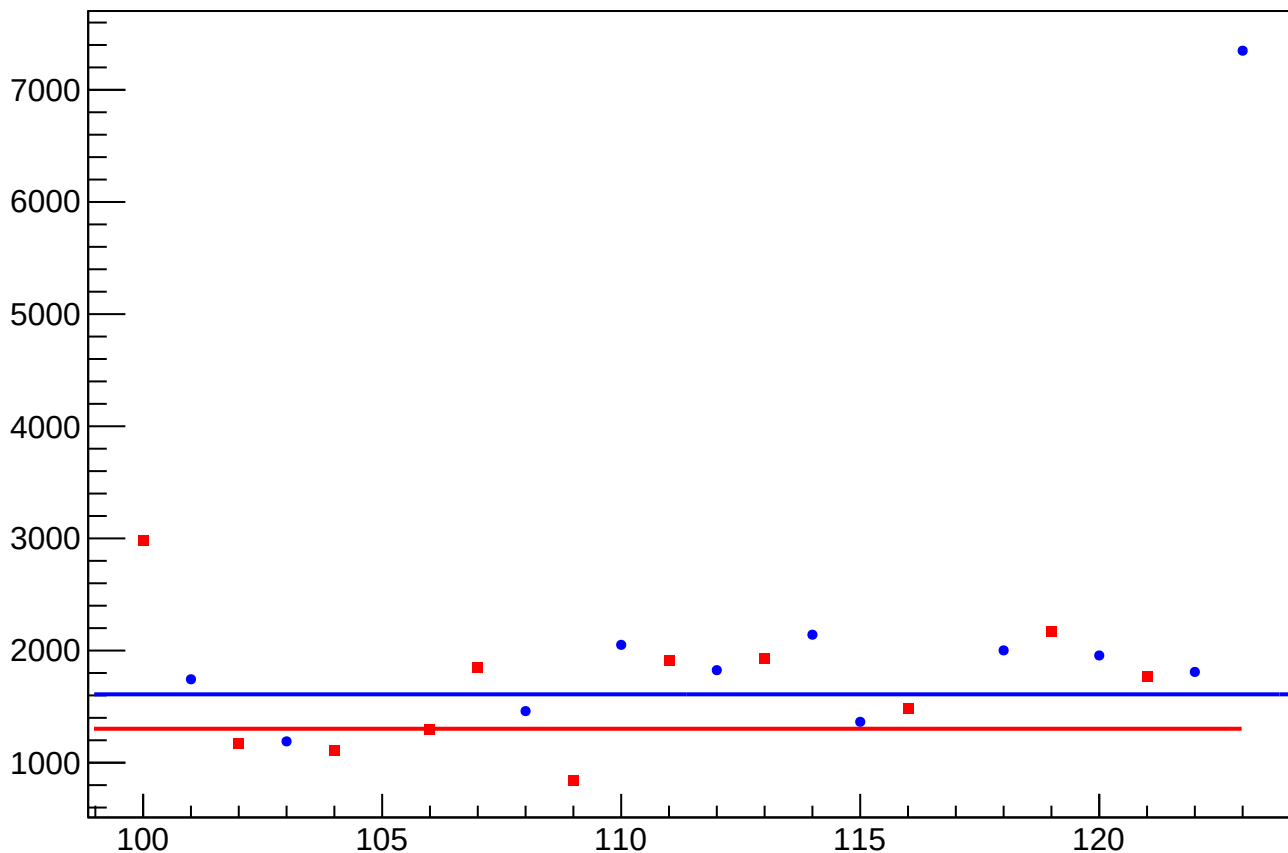
Right: -706.027+/-505.047 χ^2/NDF : 20.1/21

In: -124.548+/-810.830 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -706.027+/-505.047 χ^2/NDF : 20.1/21

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1609.731+/-0.573 χ^2/NDF : 357846.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.828+/-0.456 χ^2/NDF : 865831.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

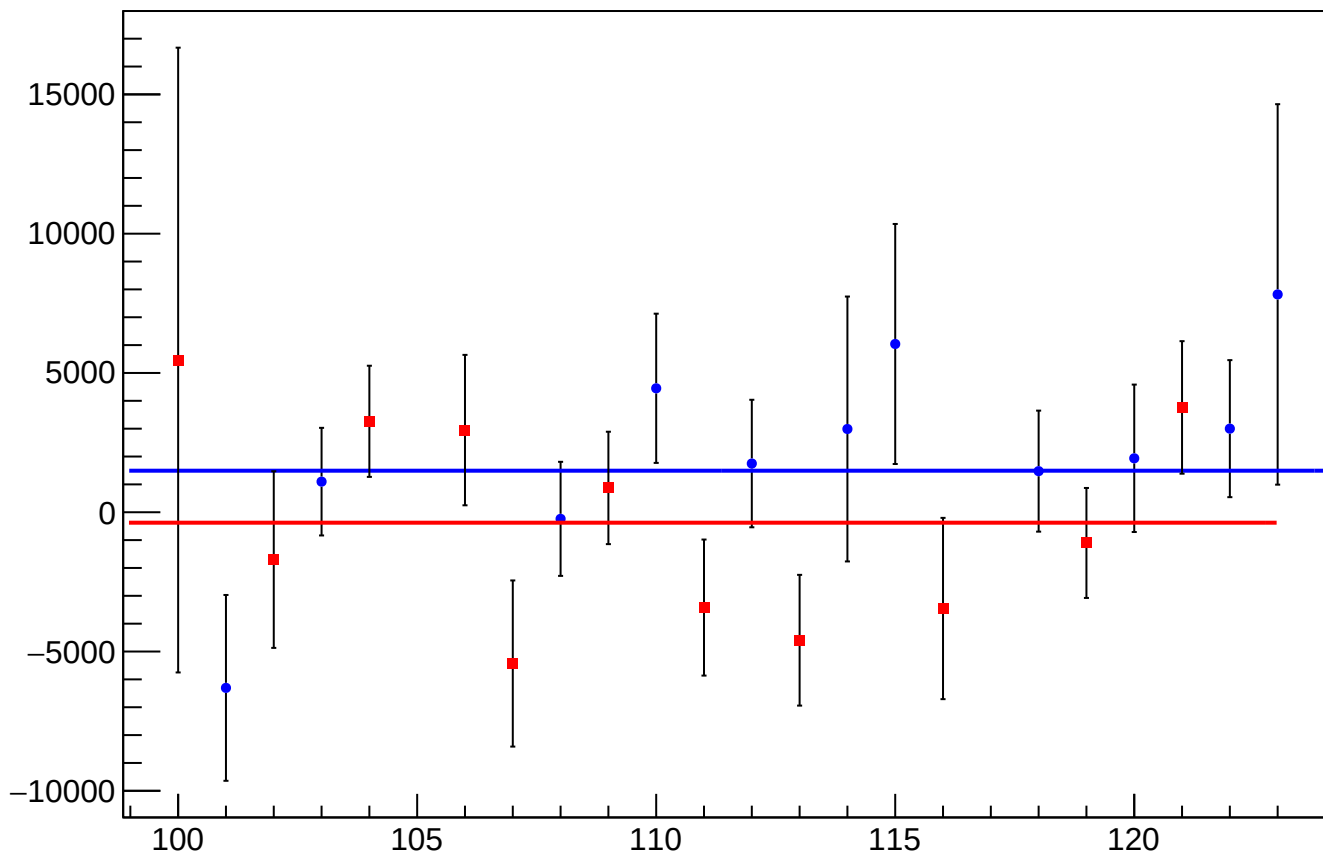
Right: 1421.899+/-0.357 χ^2/NDF : 1399042.1/21

In: 1609.731+/-0.573 χ^2/NDF : 357846.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.899+/-0.357 χ^2/NDF : 1399042.1/21

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1491.189+/-799.018 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -375.270+/-760.074 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

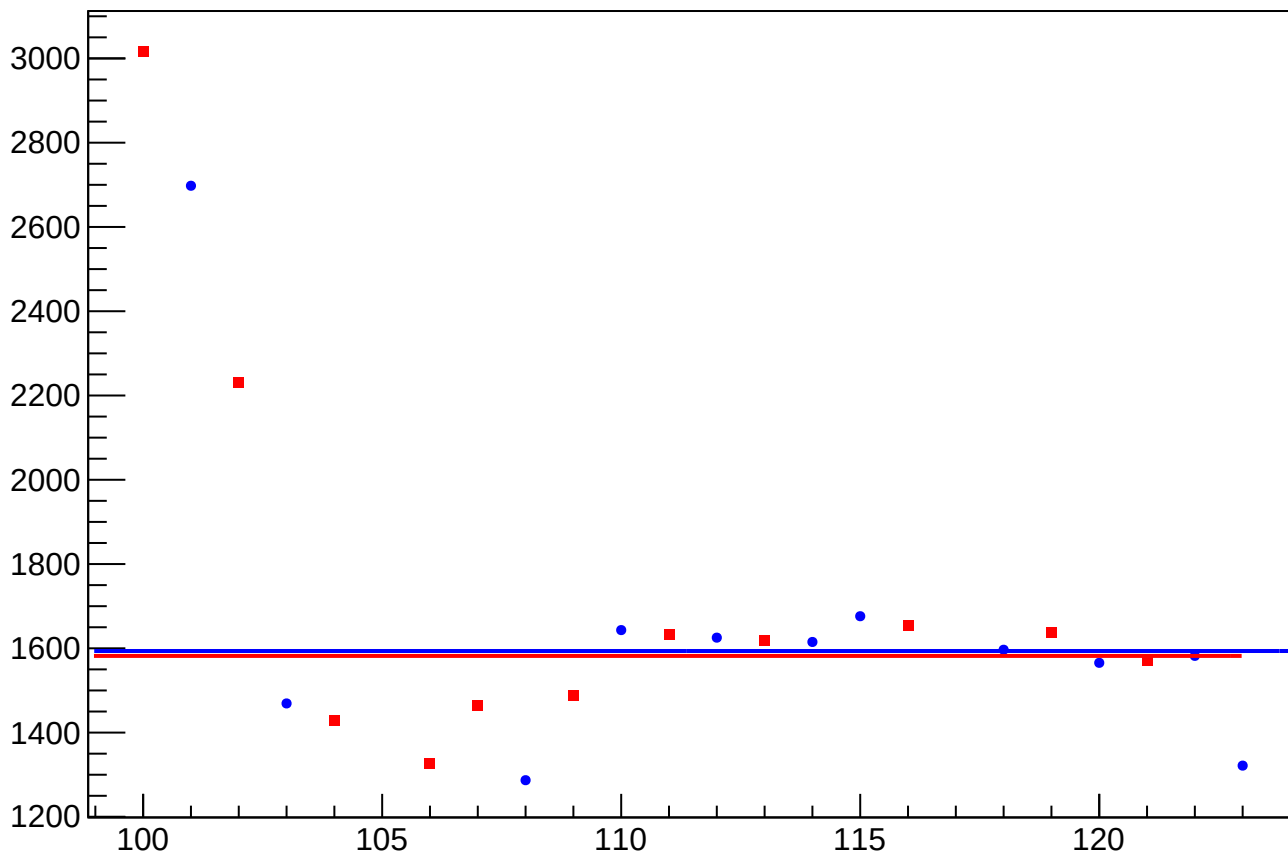
Right: 511.367+/-550.707 χ^2/NDF : 30.2/21

In: 1491.189+/-799.018 χ^2/NDF :9.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 511.367+/-550.707 χ^2/NDF : 30.2/21

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1593.654+/-0.565 χ^2/NDF : 277606.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.998+/-0.537 χ^2/NDF : 157520.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

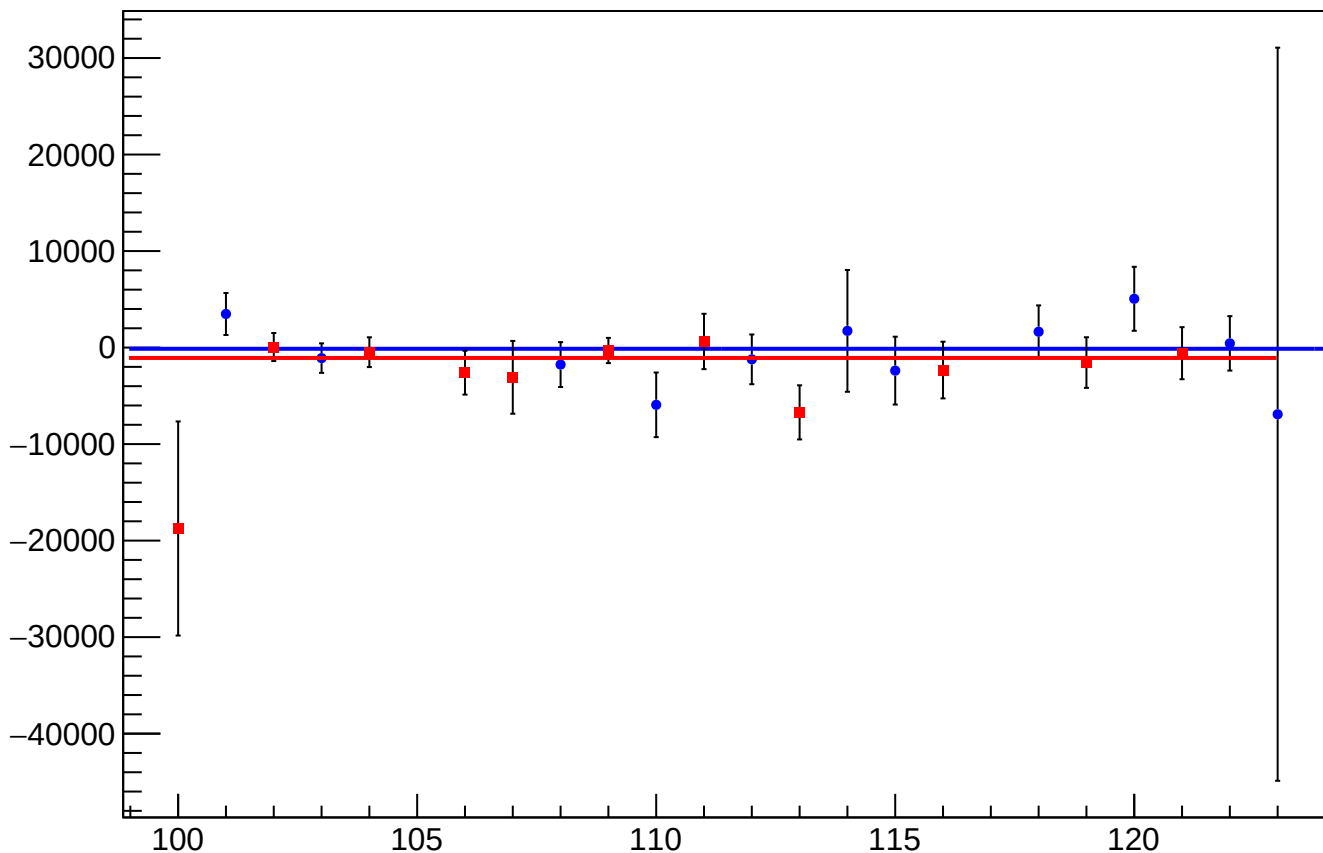
Right: 1587.535+/-0.389 χ^2/NDF : 435350.4/21

In: 1593.654+/-0.565 χ^2/NDF : 277606.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.535+/-0.389 χ^2/NDF : 435350.4/21

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -124.548+/-810.829 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1074.640+/-645.578 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

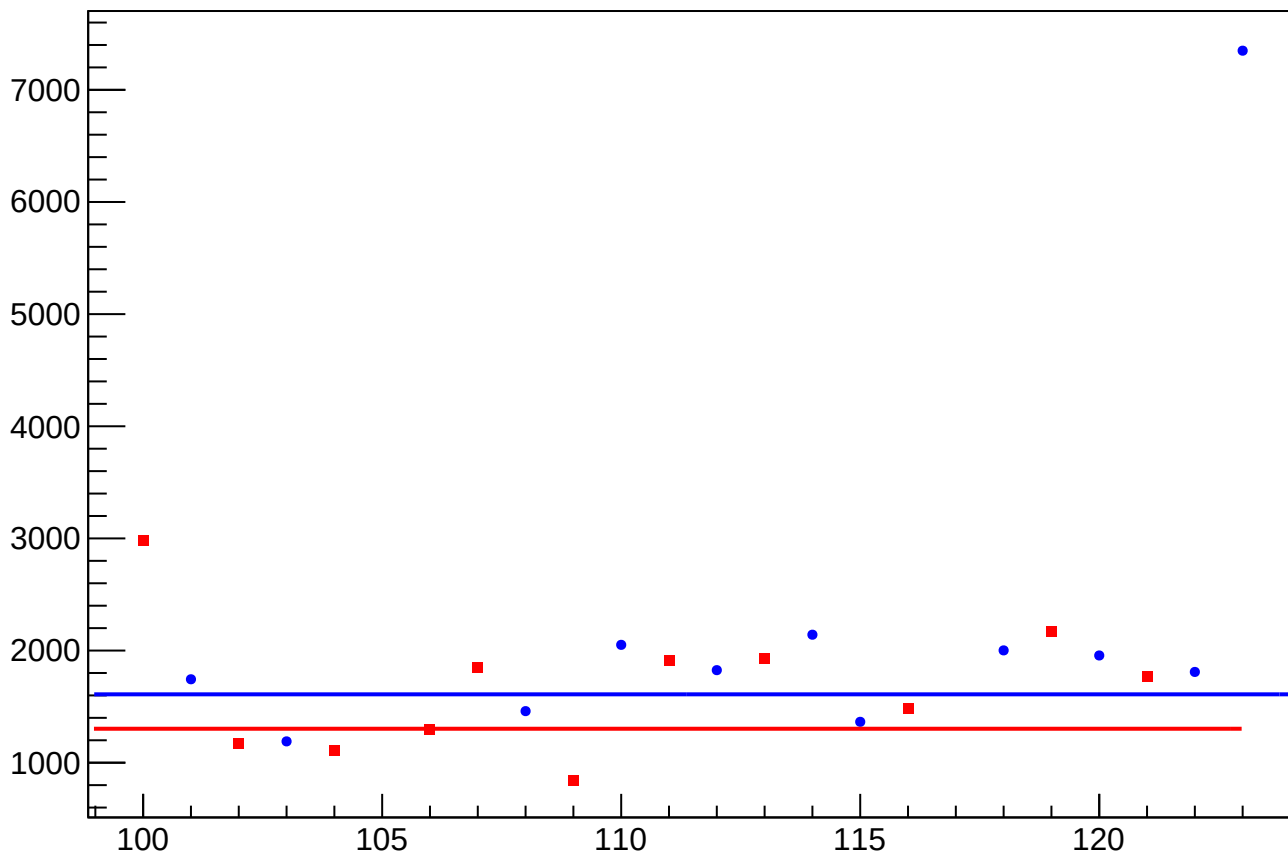
Right: -706.026+/-505.047 χ^2/NDF : 20.1/21

In: -124.548+/-810.829 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -706.026+/-505.047 χ^2/NDF : 20.1/21

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1609.728+/-0.573 χ^2/NDF : 357841.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.834+/-0.456 χ^2/NDF : 865809.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

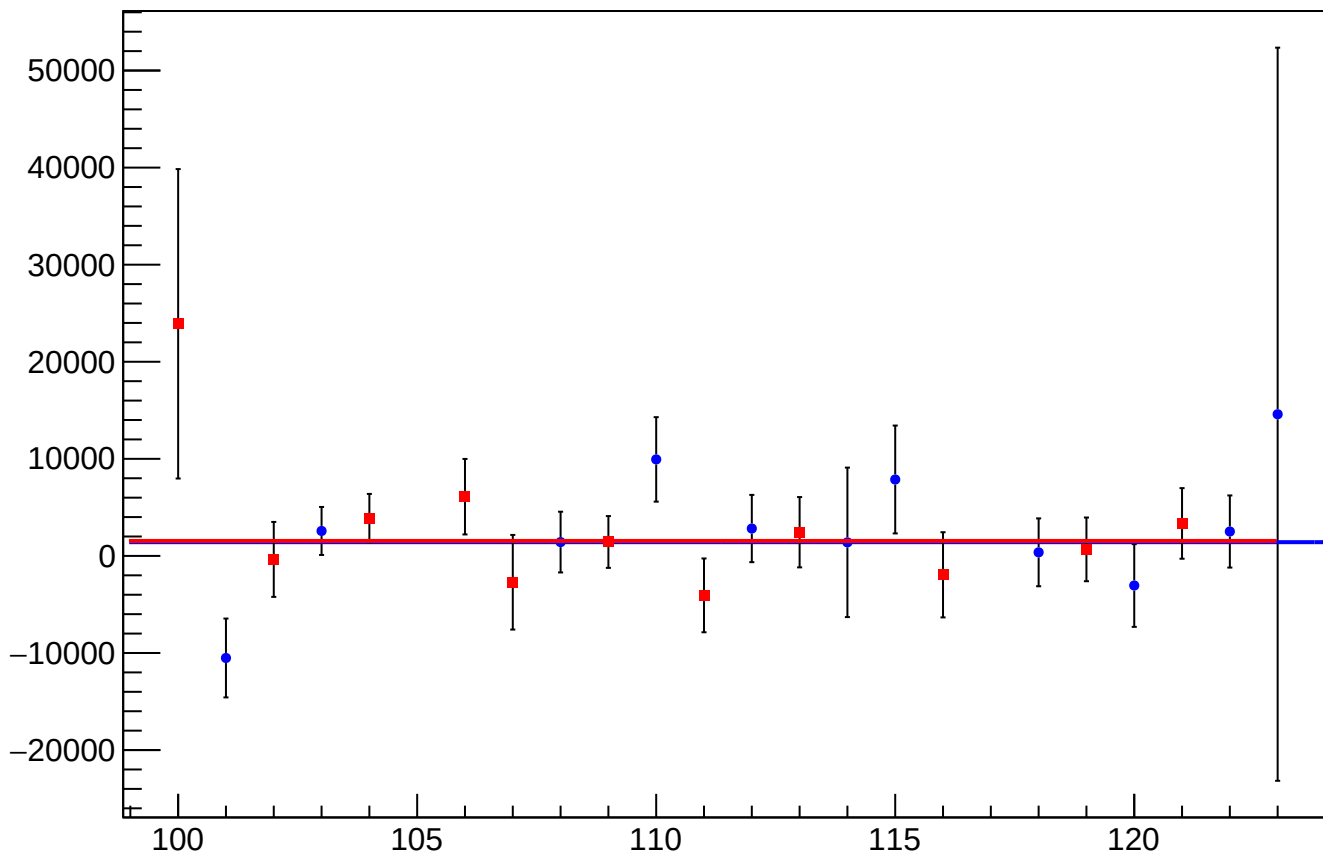
Right: 1421.902+/-0.357 χ^2/NDF : 1399005.8/21

In: 1609.728+/-0.573 χ^2/NDF : 357841.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.902+/-0.357 χ^2/NDF : 1399005.8/21

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1415.305+/-1176.996 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1542.300+/-1087.027 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

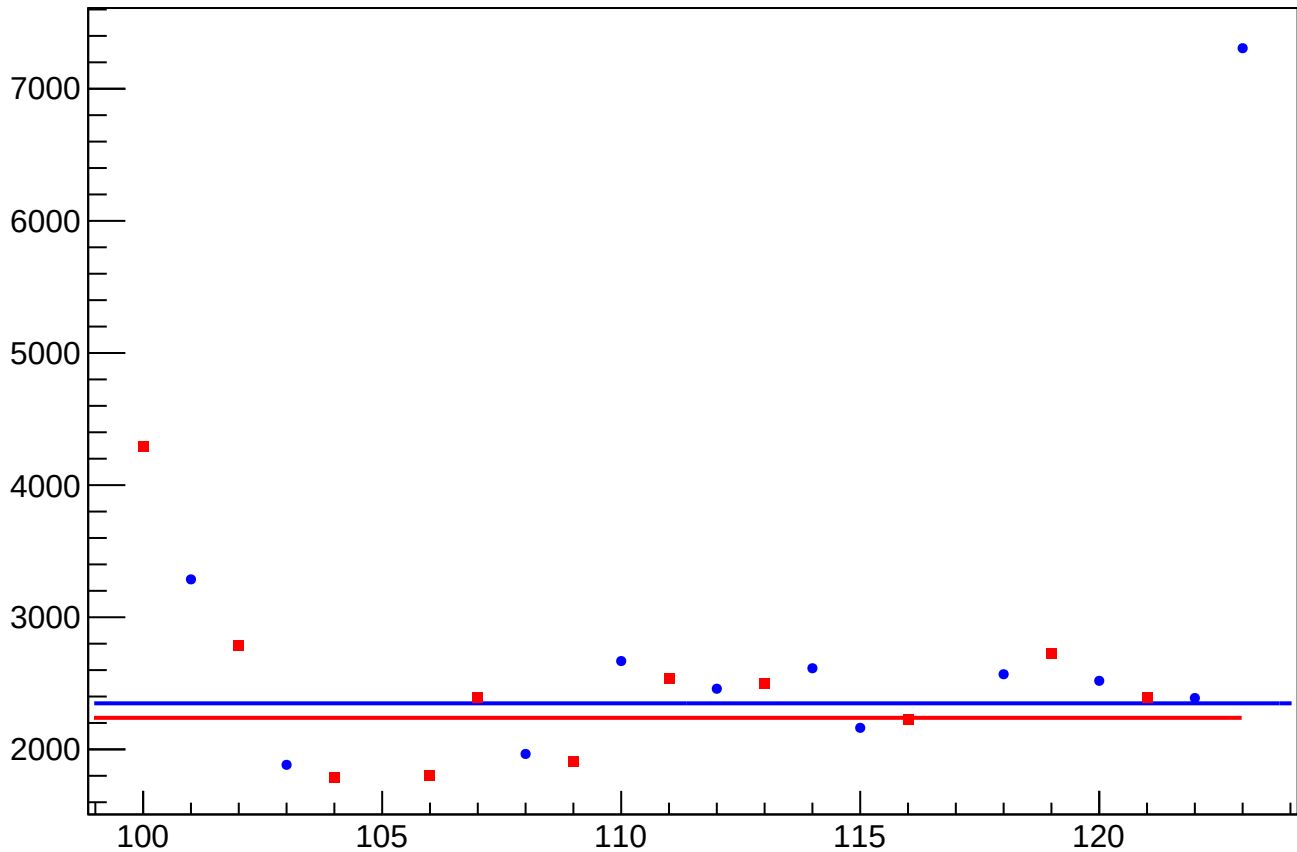
Right: 1483.841+/-798.558 χ^2/NDF : 24.0/21

In: 1415.305+/-1176.996 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.841+/-798.558 χ^2/NDF : 24.0/21

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2348.538+/-0.832 χ^2/NDF : 270977.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2238.788+/-0.769 χ^2/NDF : 266382.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

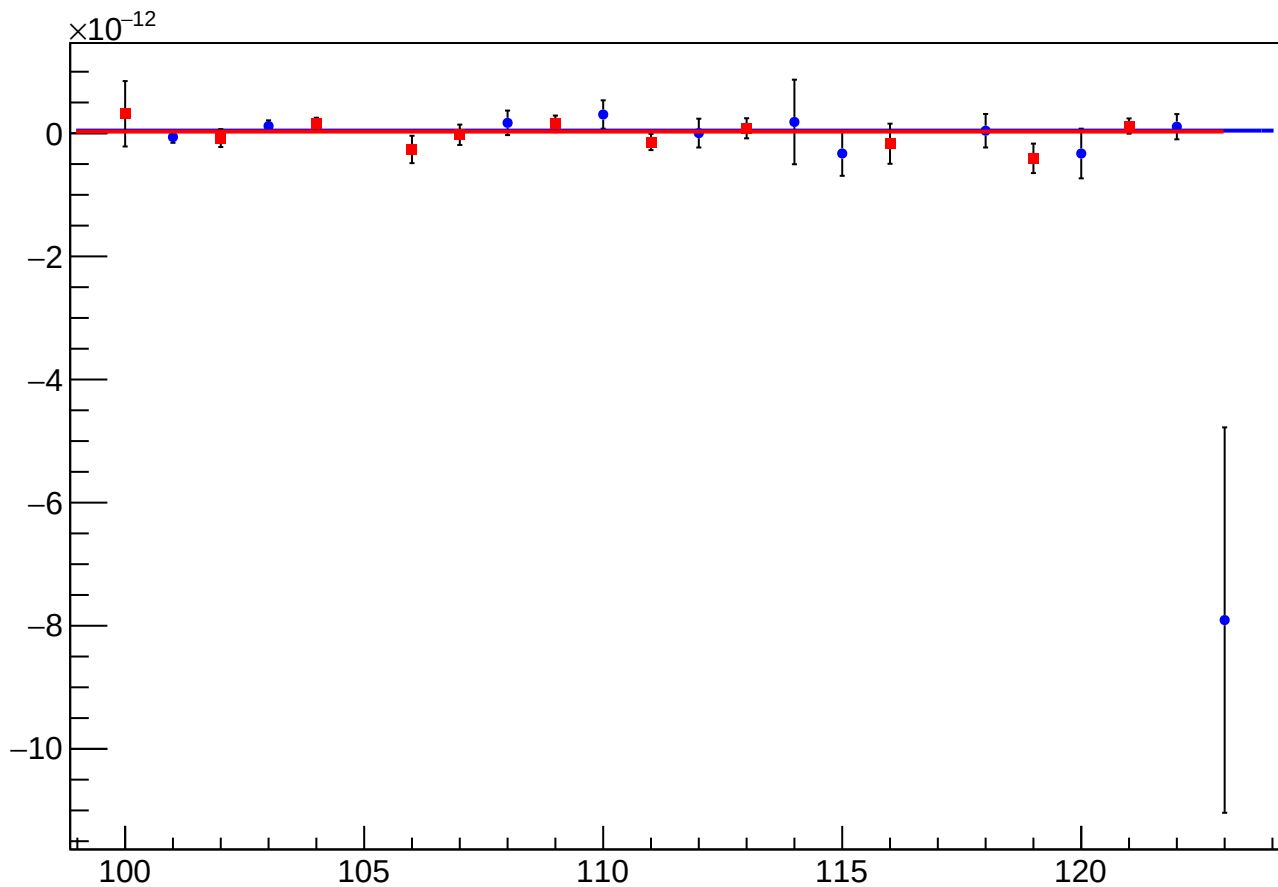
Right: 2289.308+/-0.565 χ^2/NDF : 546745.0/21

In: 2348.538+/-0.832 χ^2/NDF : 270977.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2289.308+/-0.565 χ^2/NDF : 546745.0/21

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/10

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

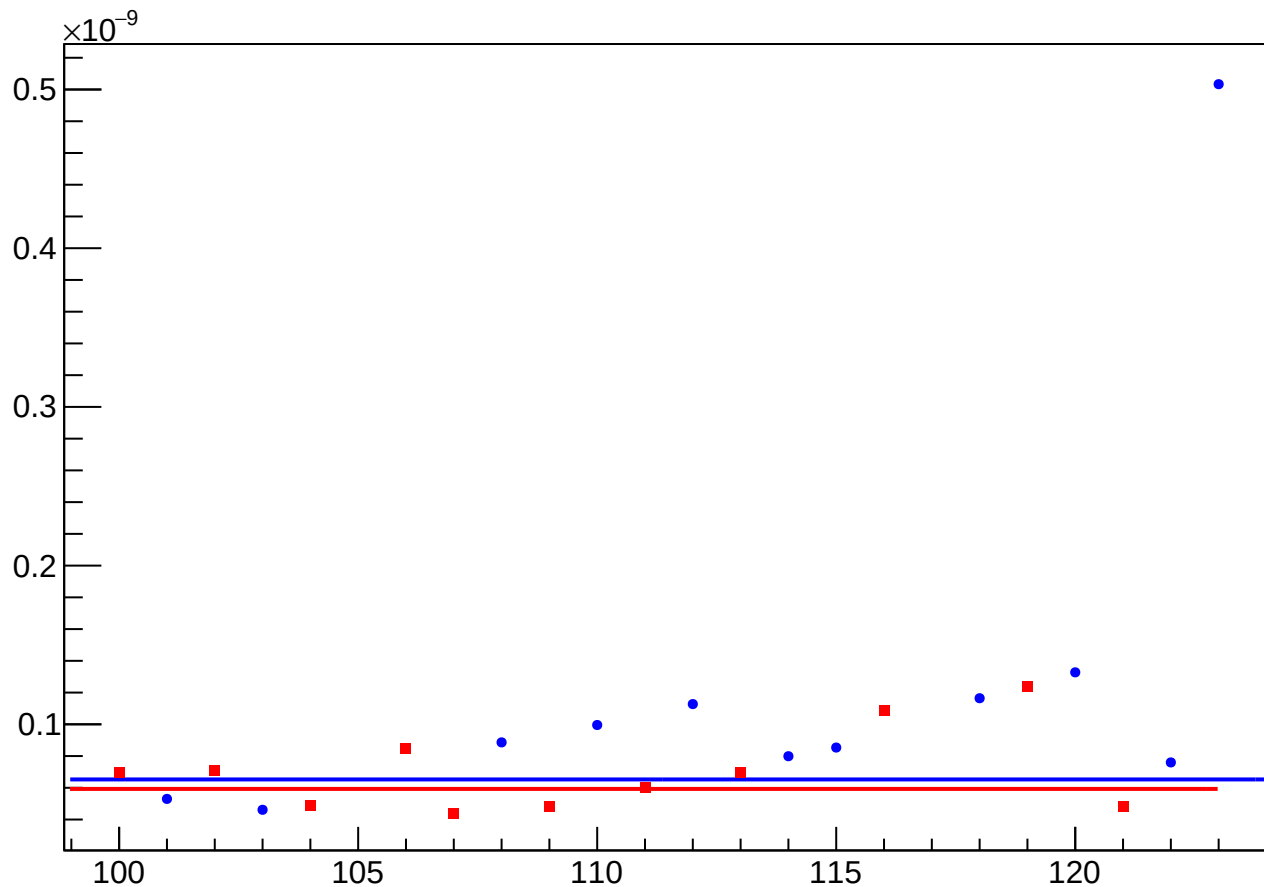
Right: 0.000+/-0.000 χ^2/NDF : 23.8/21

In: 0.000+/-0.000 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.8/21

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 454263.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 311260.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

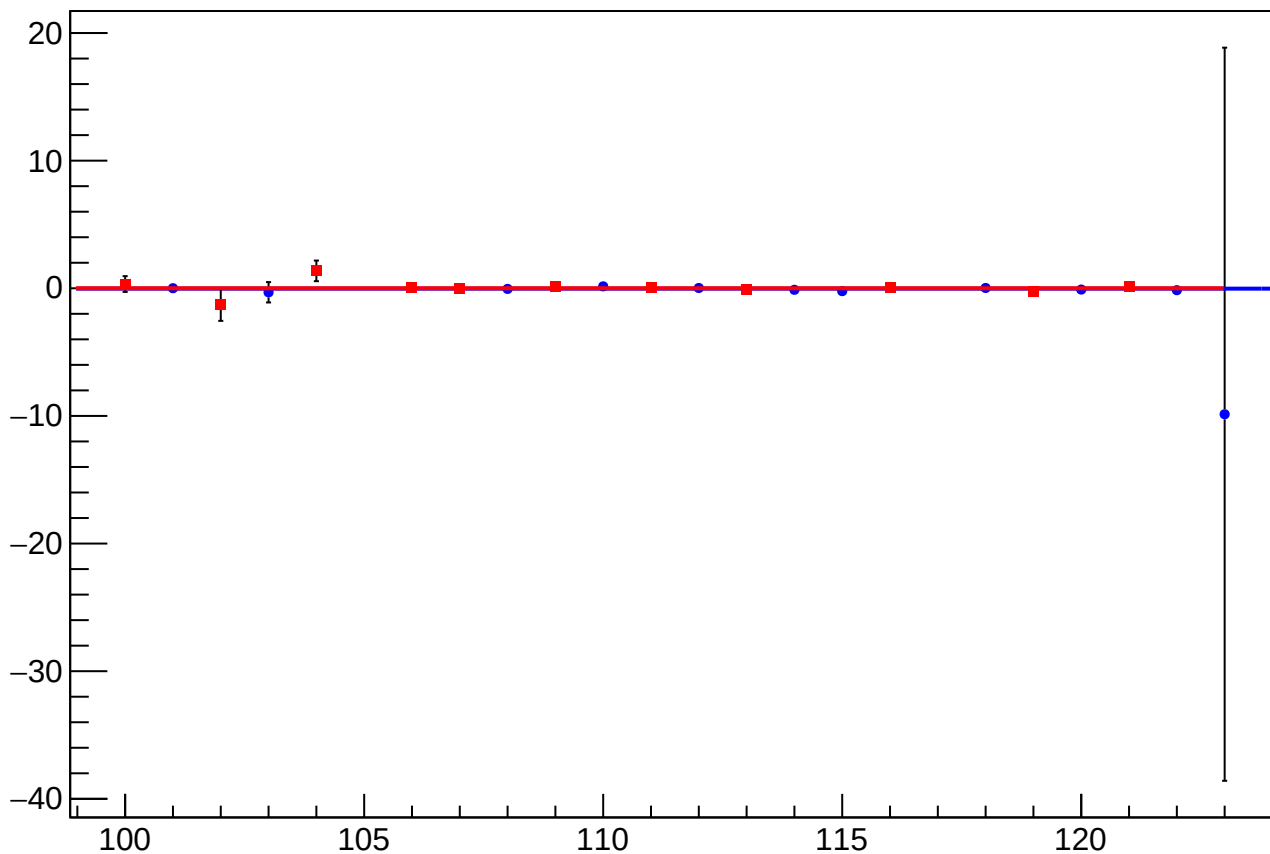
Right: 0.000+/-0.000 χ^2/NDF : 779899.9/21

In: 0.000+/-0.000 χ^2/NDF : 454263.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 779899.9/21

asym_at2_dd_dit_vs_Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.033 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

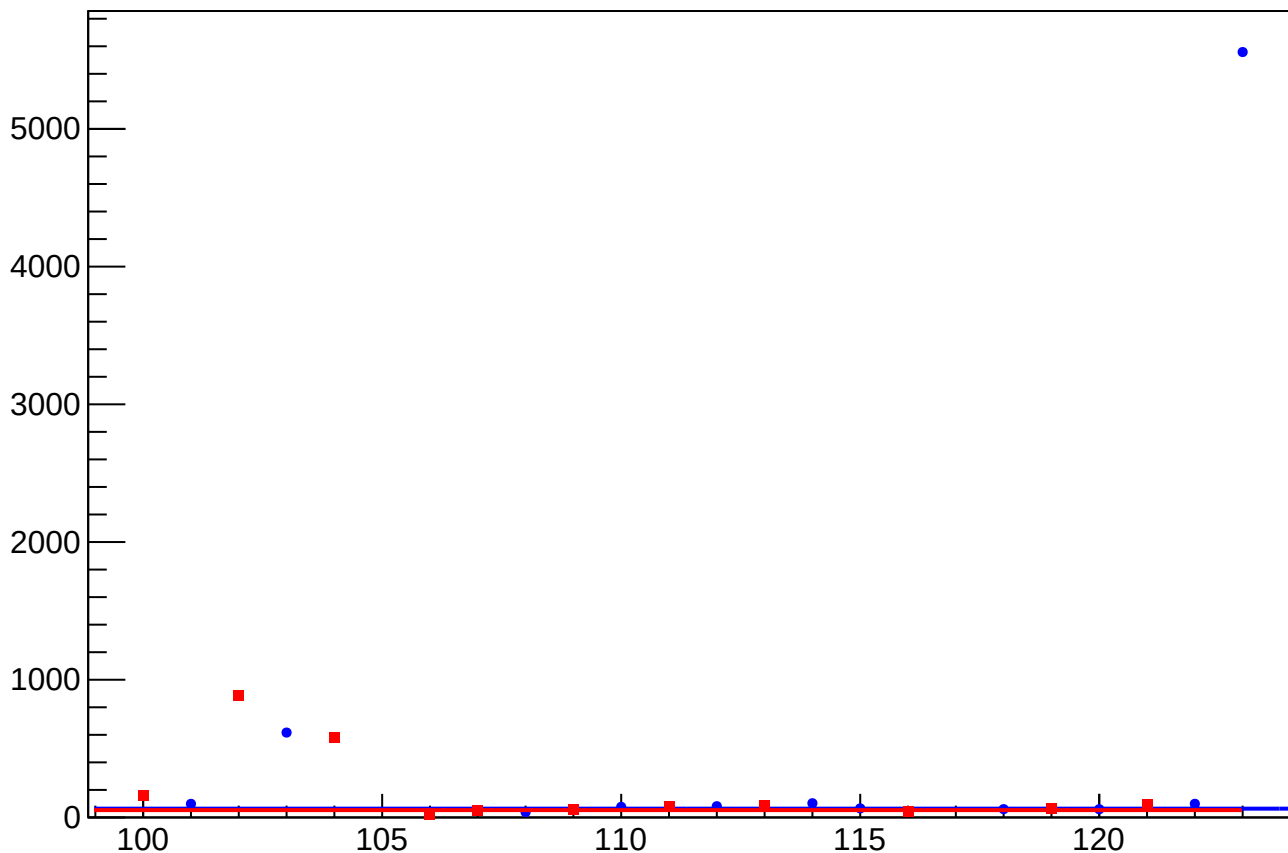
Right: -0.011+/-0.024 χ^2/NDF : 22.9/21

In: -0.028+/-0.037 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 22.9/21

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.919+/-0.026 χ^2/NDF : 1673964.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.347+/-0.023 χ^2/NDF : 2575963.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

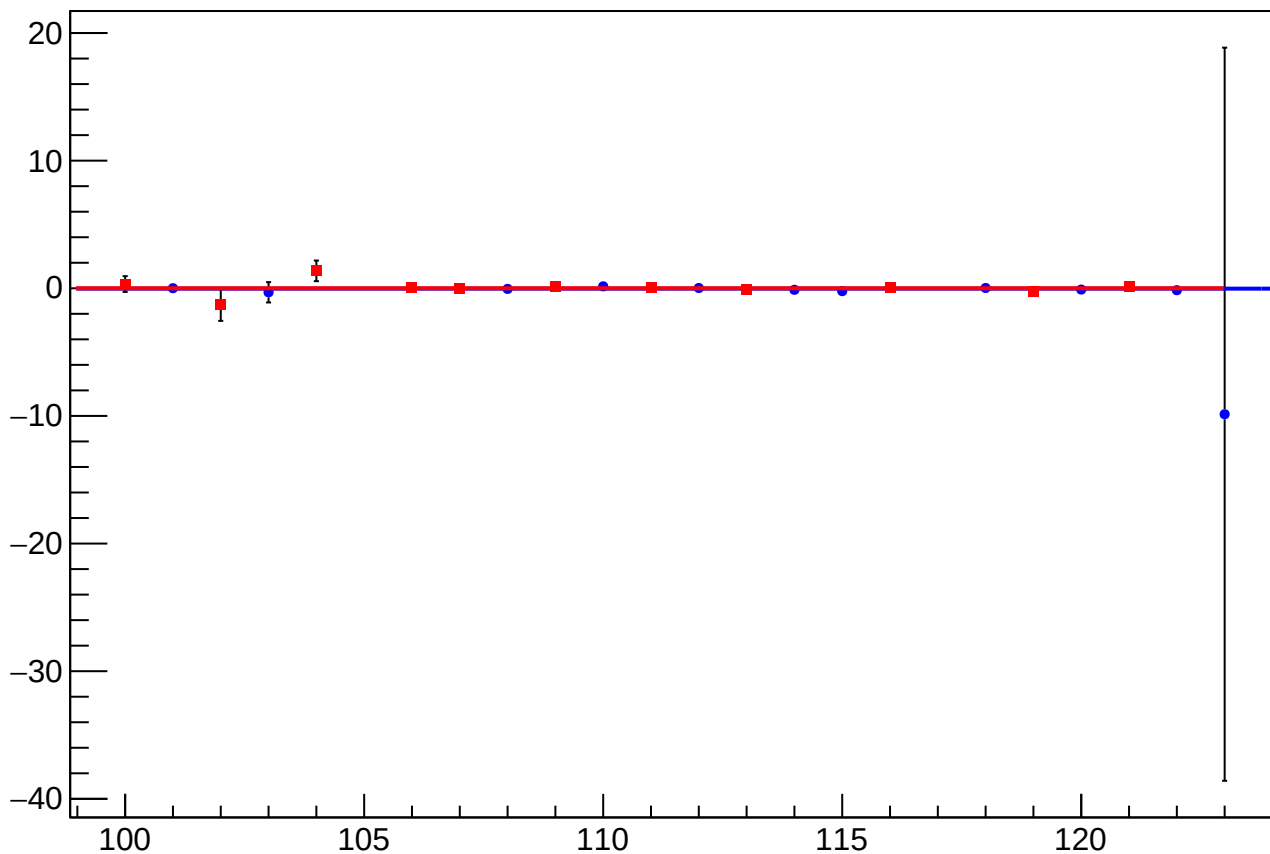
Right: 57.975+/-0.017 χ^2/NDF : 4342502.5/21

In: 63.919+/-0.026 χ^2/NDF : 1673964.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.975+/-0.017 χ^2/NDF : 4342502.5/21

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.033 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

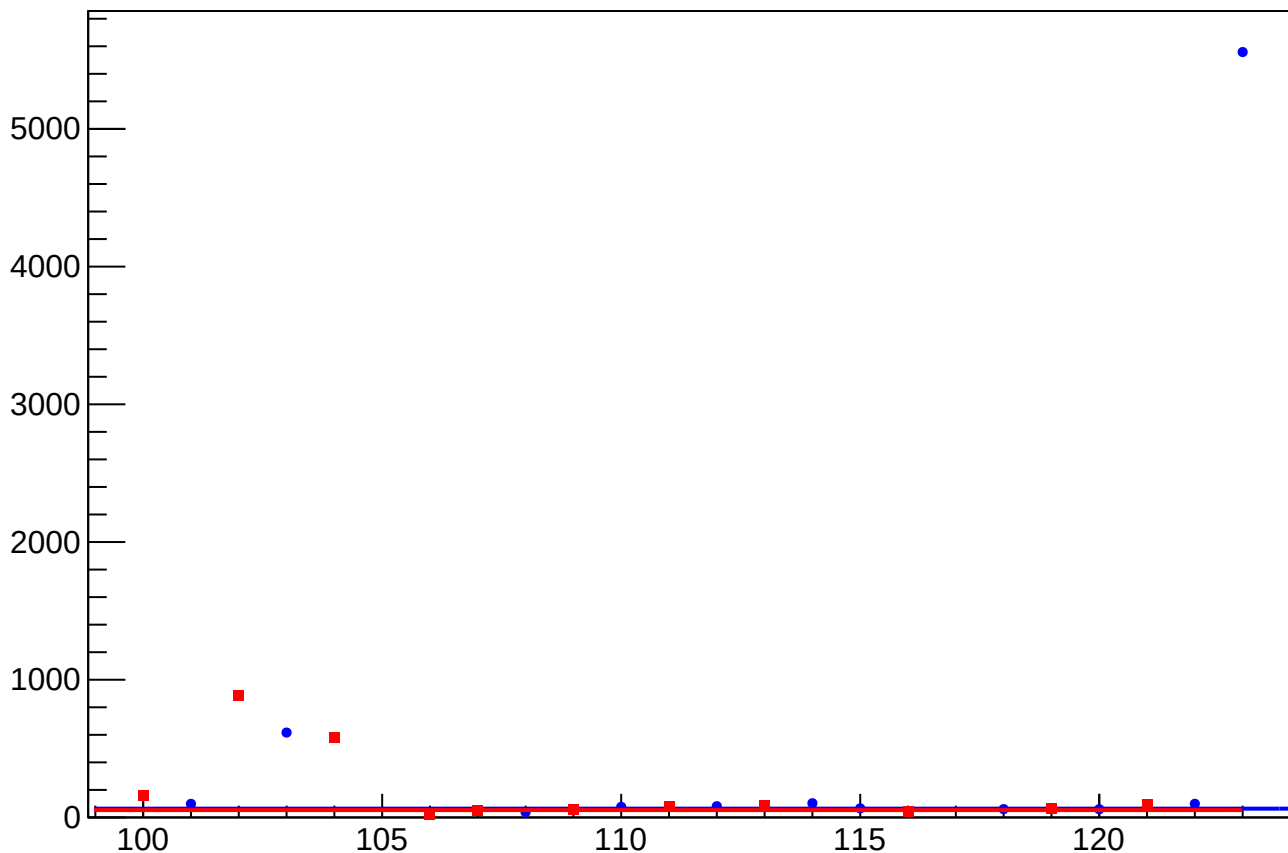
Right: -0.011+/-0.024 χ^2/NDF : 22.9/21

In: -0.028+/-0.037 χ^2/NDF :5.3/10

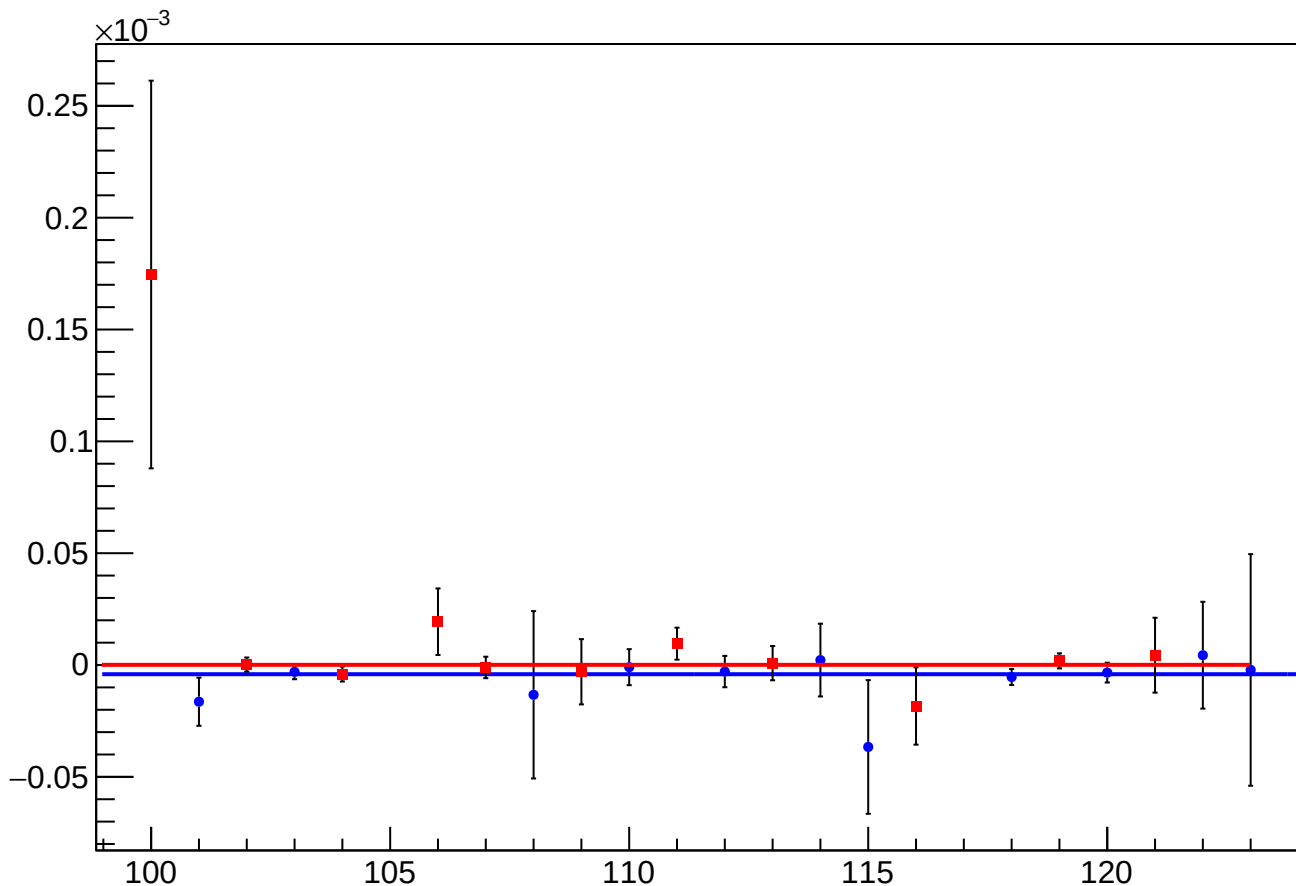
Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.011+/-0.024 χ^2/NDF : 22.9/21

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.3/10

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

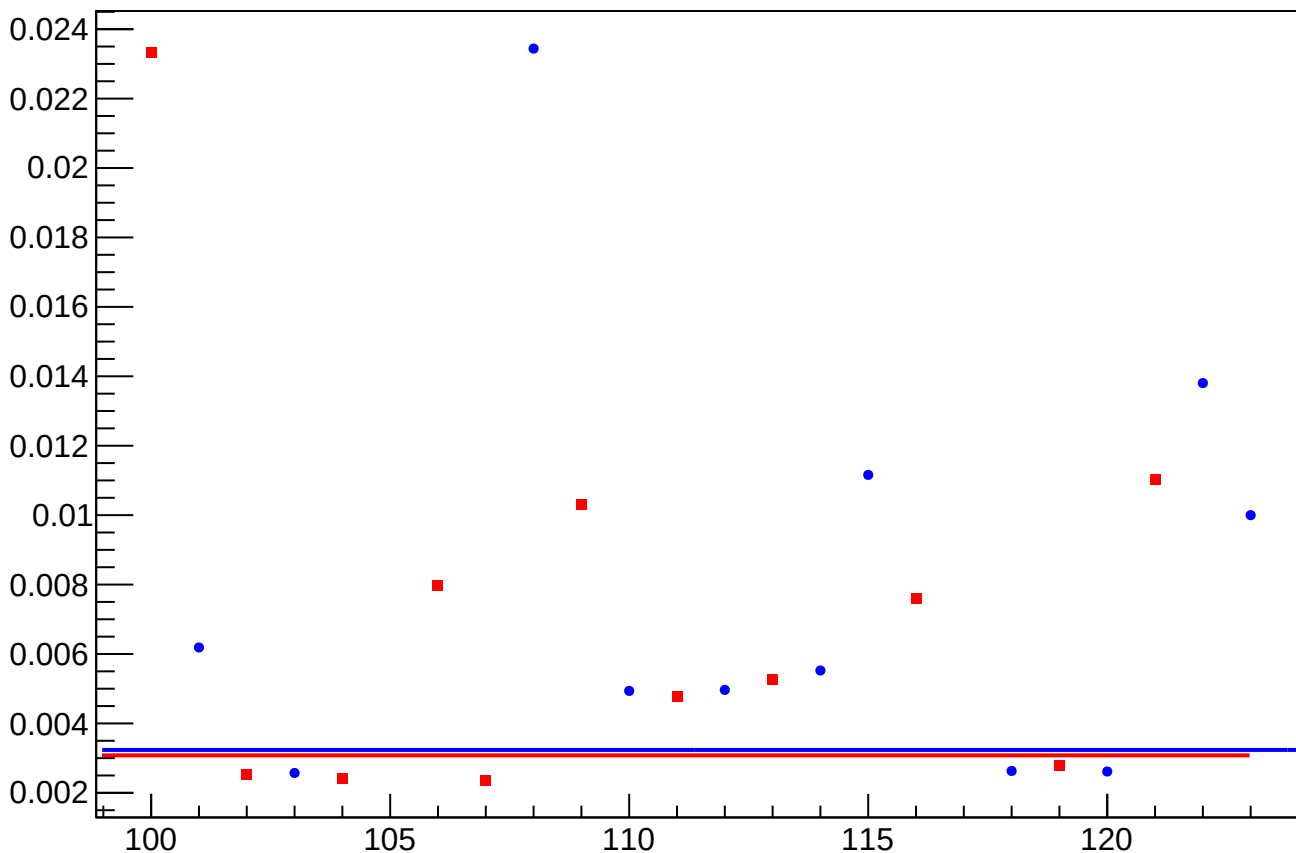
Right: -0.000+/-0.000 χ^2/NDF : 16.6/21

In: -0.000+/-0.000 χ^2/NDF : 3.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/21

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1728650.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1882445.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

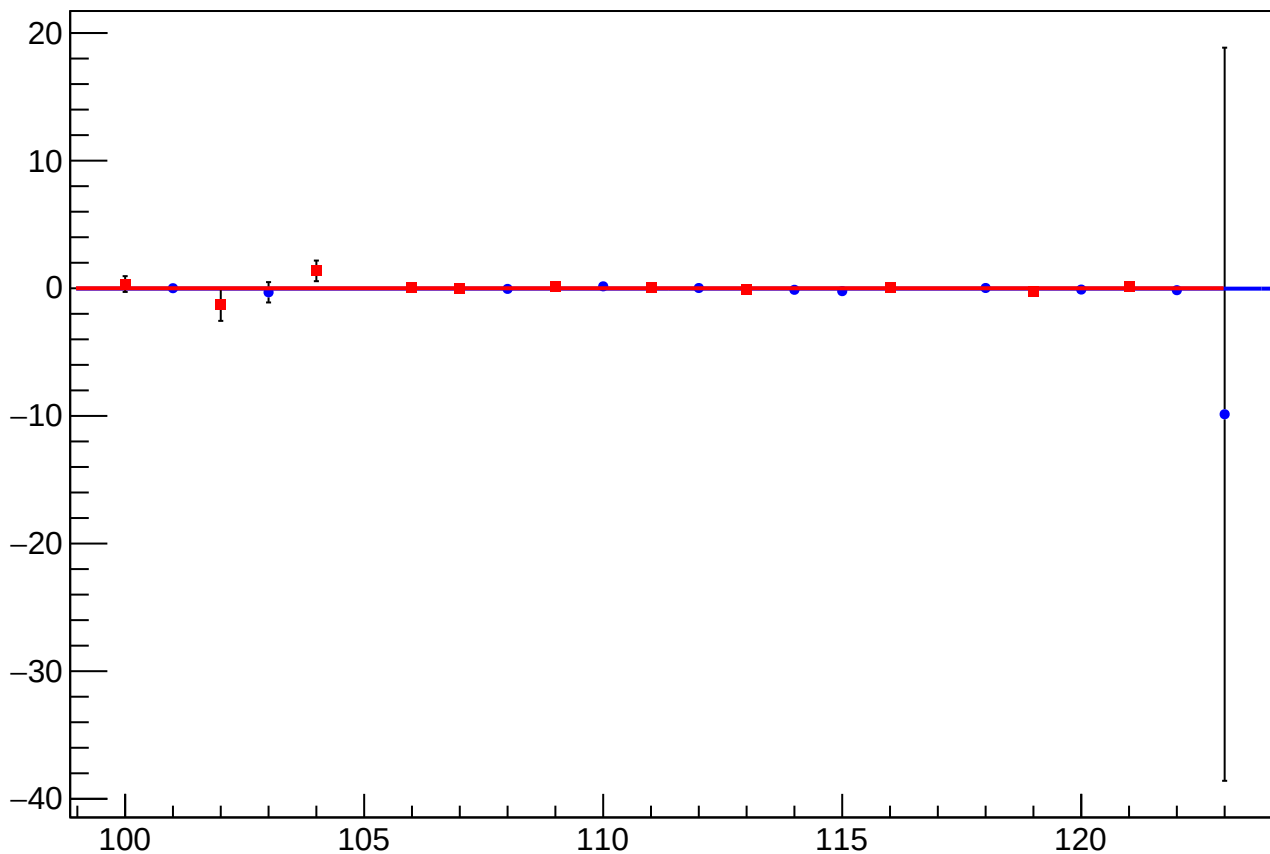
Right: 0.003+/-0.000 χ^2/NDF : 3618750.3/21

In: 0.003+/-0.000 χ^2/NDF : 1728650.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3618750.3/21

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2 /NDF: 5.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.003+/-0.033 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

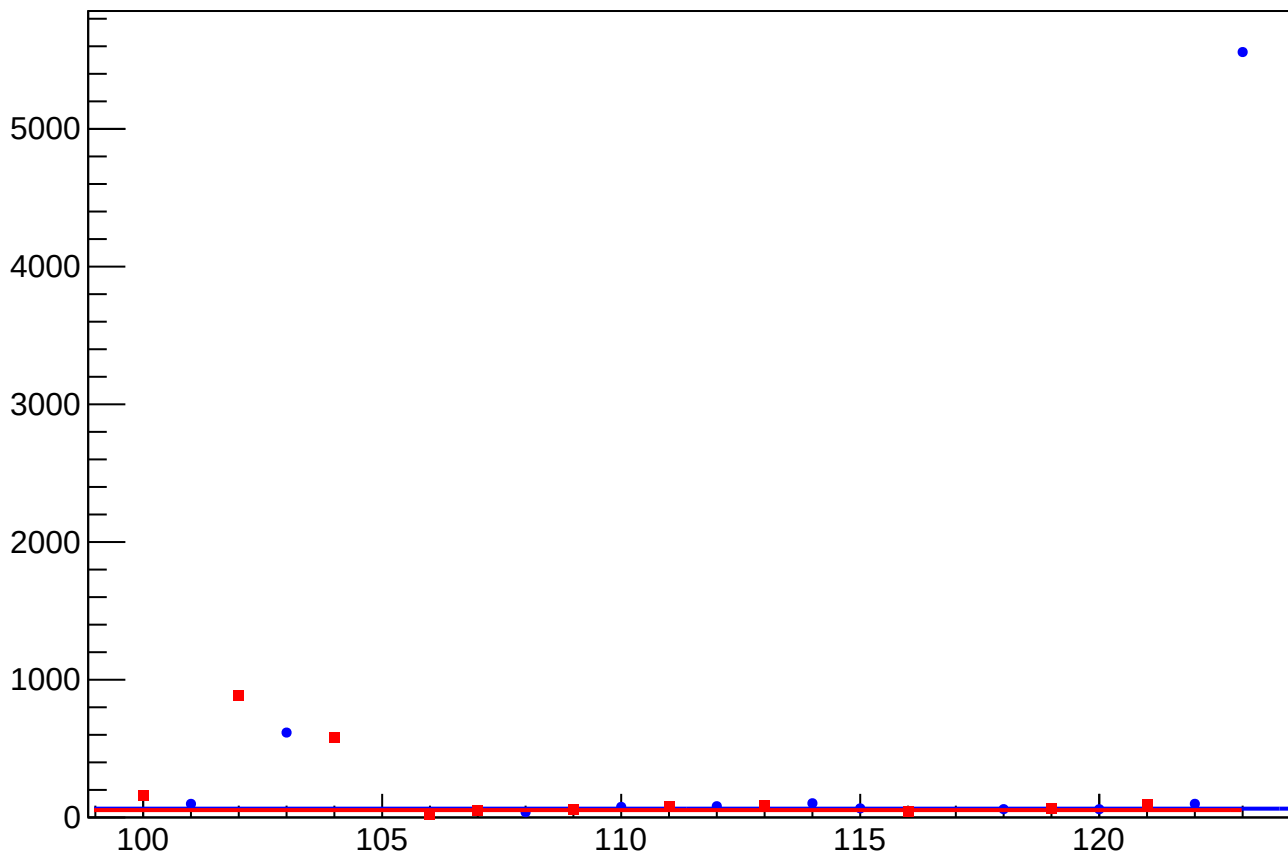
Right: -0.011+/-0.024 χ^2 /NDF: 22.9/21

In: -0.028+/-0.037 χ^2 /NDF:5.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.024 χ^2 /NDF: 22.9/21

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.931+/-0.026 χ^2/NDF : 1673309.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.340+/-0.023 χ^2/NDF : 2576431.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

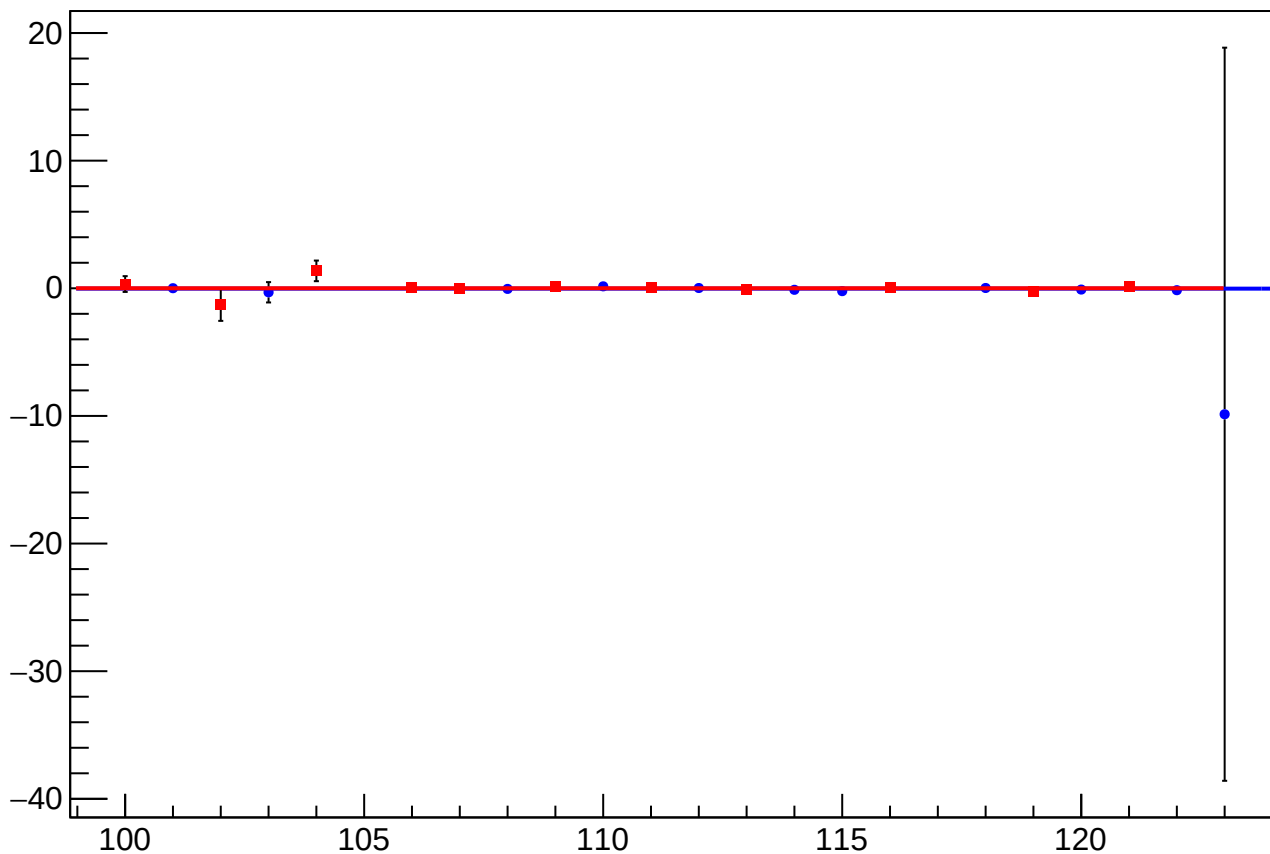
Right: 57.976+/-0.017 χ^2/NDF : 4342643.0/21

In: 63.931+/-0.026 χ^2/NDF : 1673309.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.976+/-0.017 χ^2/NDF : 4342643.0/21

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2 /NDF: 5.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.003+/-0.033 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

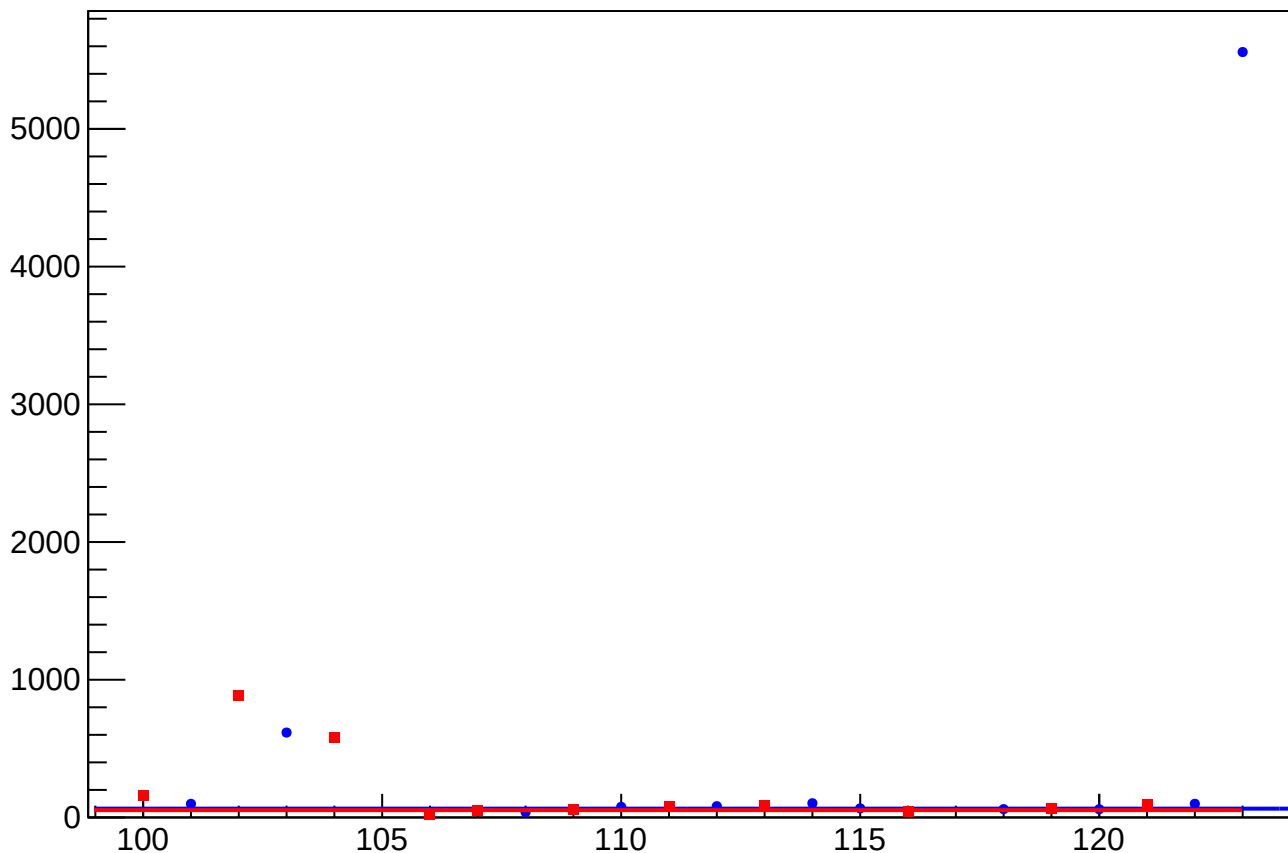
Right: -0.011+/-0.024 χ^2 /NDF: 22.9/21

In: -0.028+/-0.037 χ^2 /NDF:5.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.024 χ^2 /NDF: 22.9/21

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.931+/-0.026 χ^2/NDF : 1673309.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.340+/-0.023 χ^2/NDF : 2576431.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

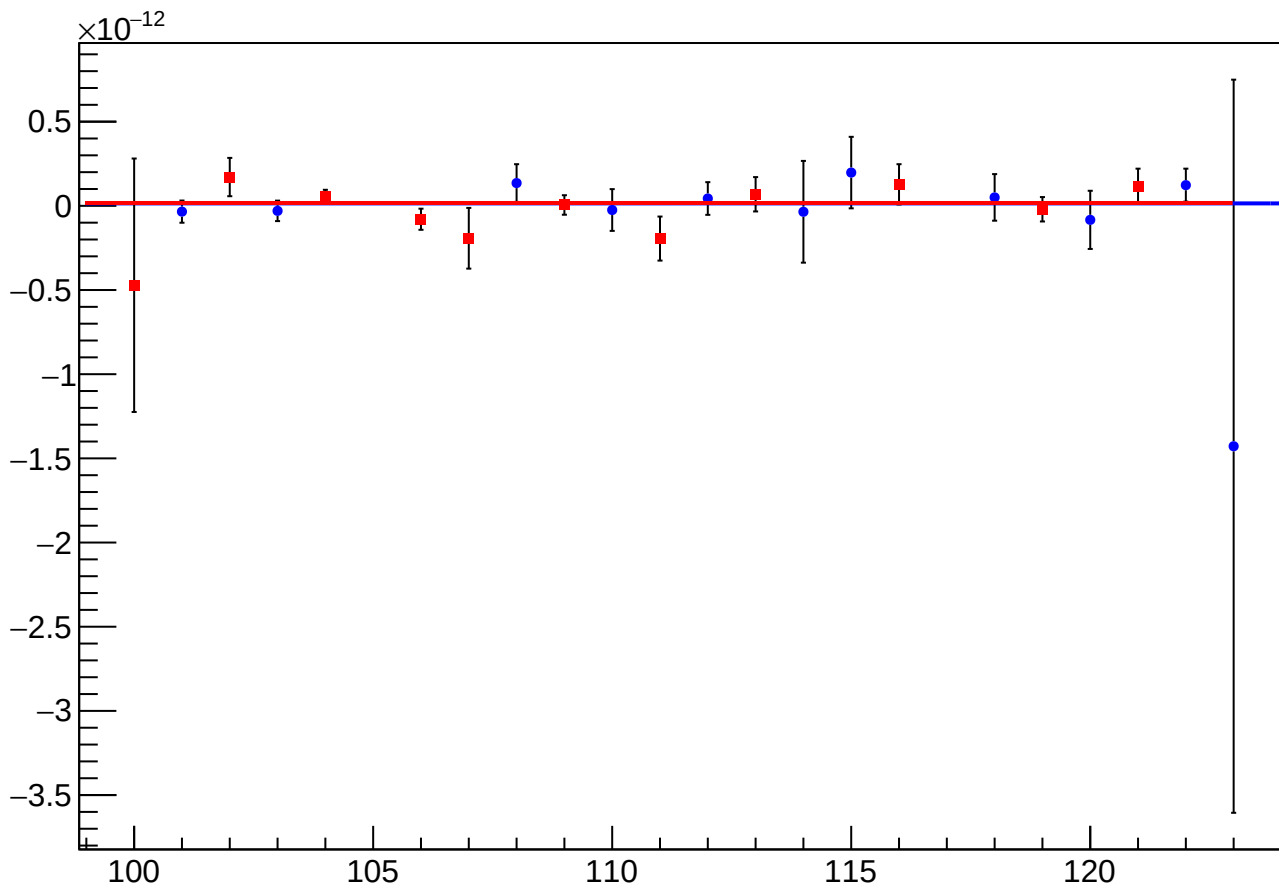
Right: 57.976+/-0.017 χ^2/NDF : 4342643.0/21

In: 63.931+/-0.026 χ^2/NDF : 1673309.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.976+/-0.017 χ^2/NDF : 4342643.0/21

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/10

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

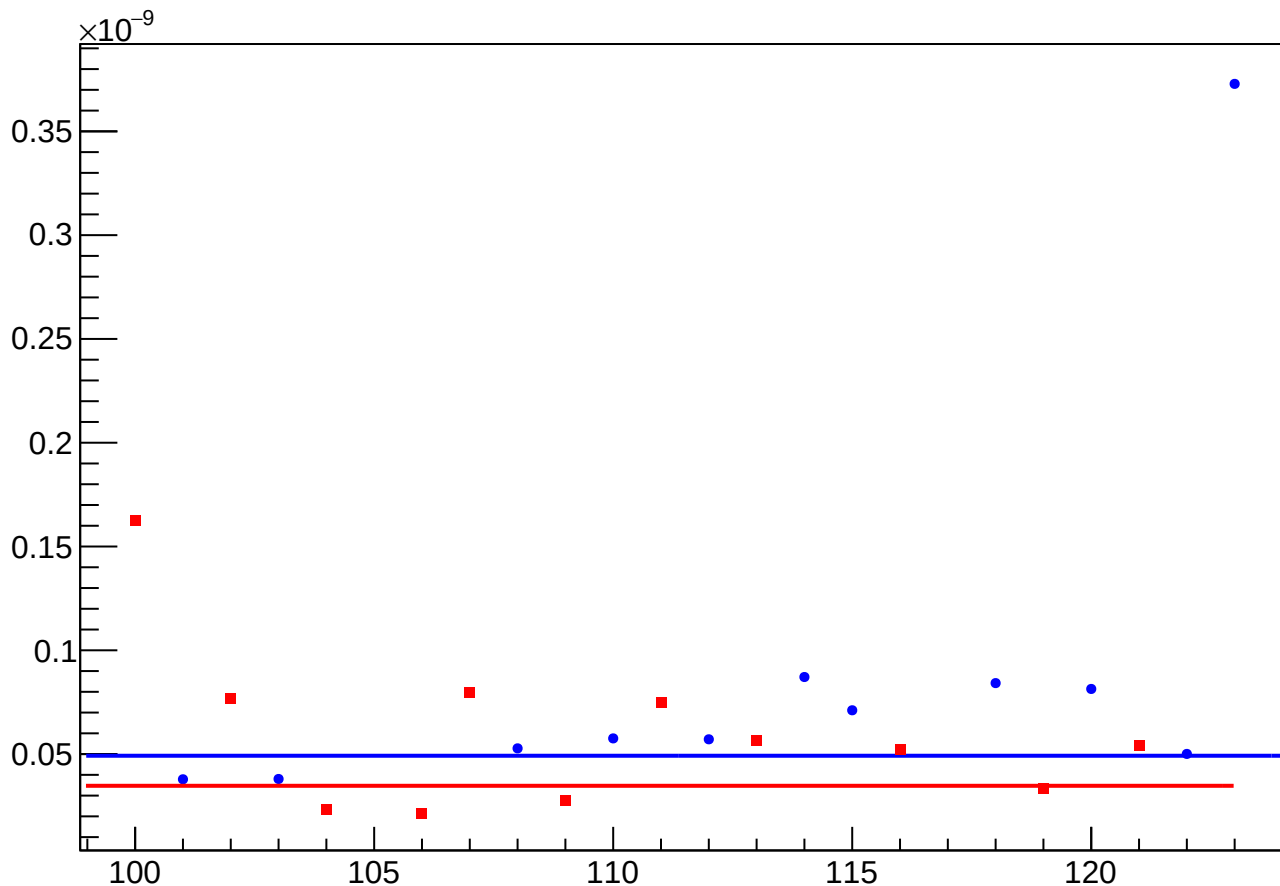
Right: 0.000+/-0.000 χ^2/NDF : 17.0/21

In: 0.000+/-0.000 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/21

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 445821.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1121841.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

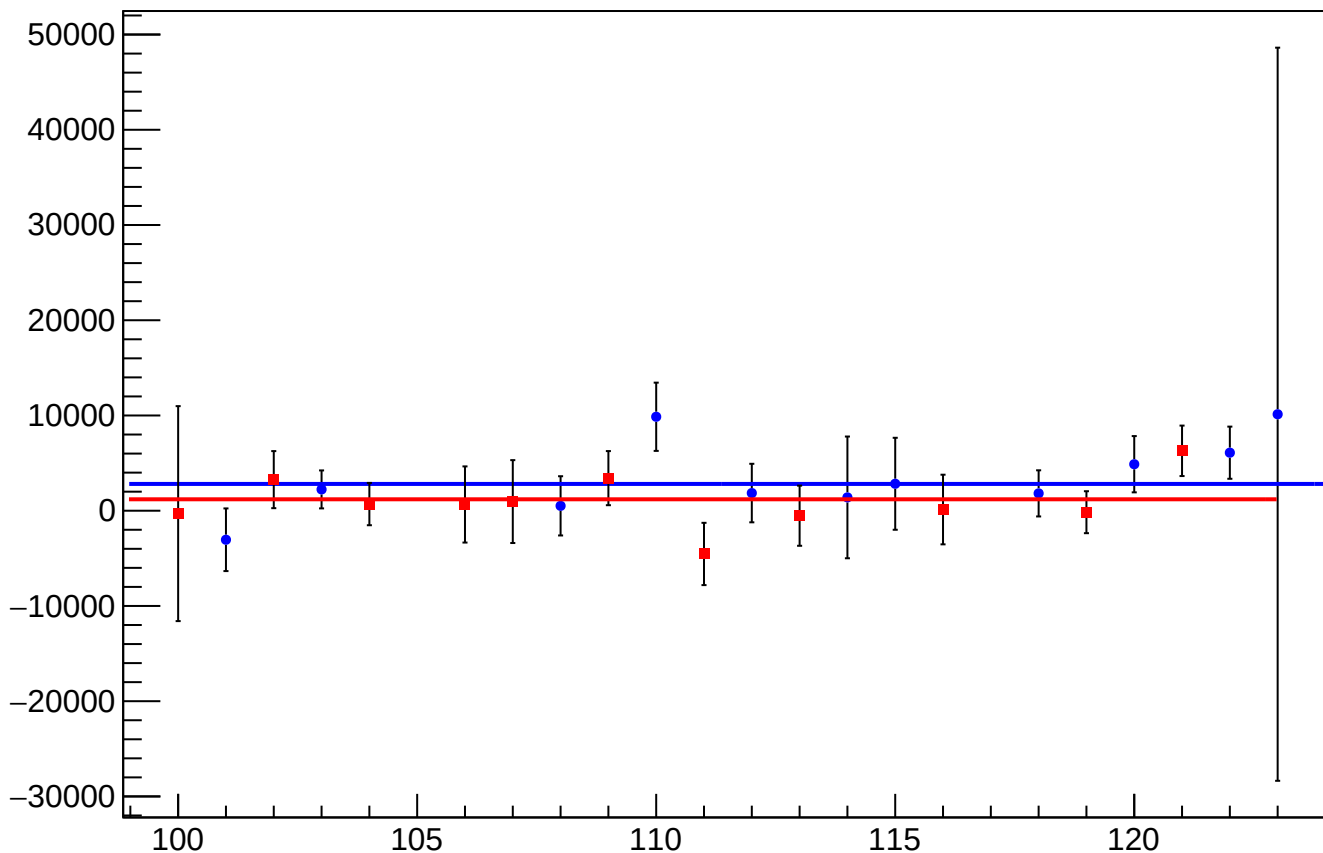
Right: 0.000+/-0.000 χ^2/NDF : 1829717.1/21

In: 0.000+/-0.000 χ^2/NDF : 445821.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1829717.1/21

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2812.737 $\pm$ 945.893 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1200.157 $\pm$ 921.146 χ^2 /NDF: 8.7/10

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

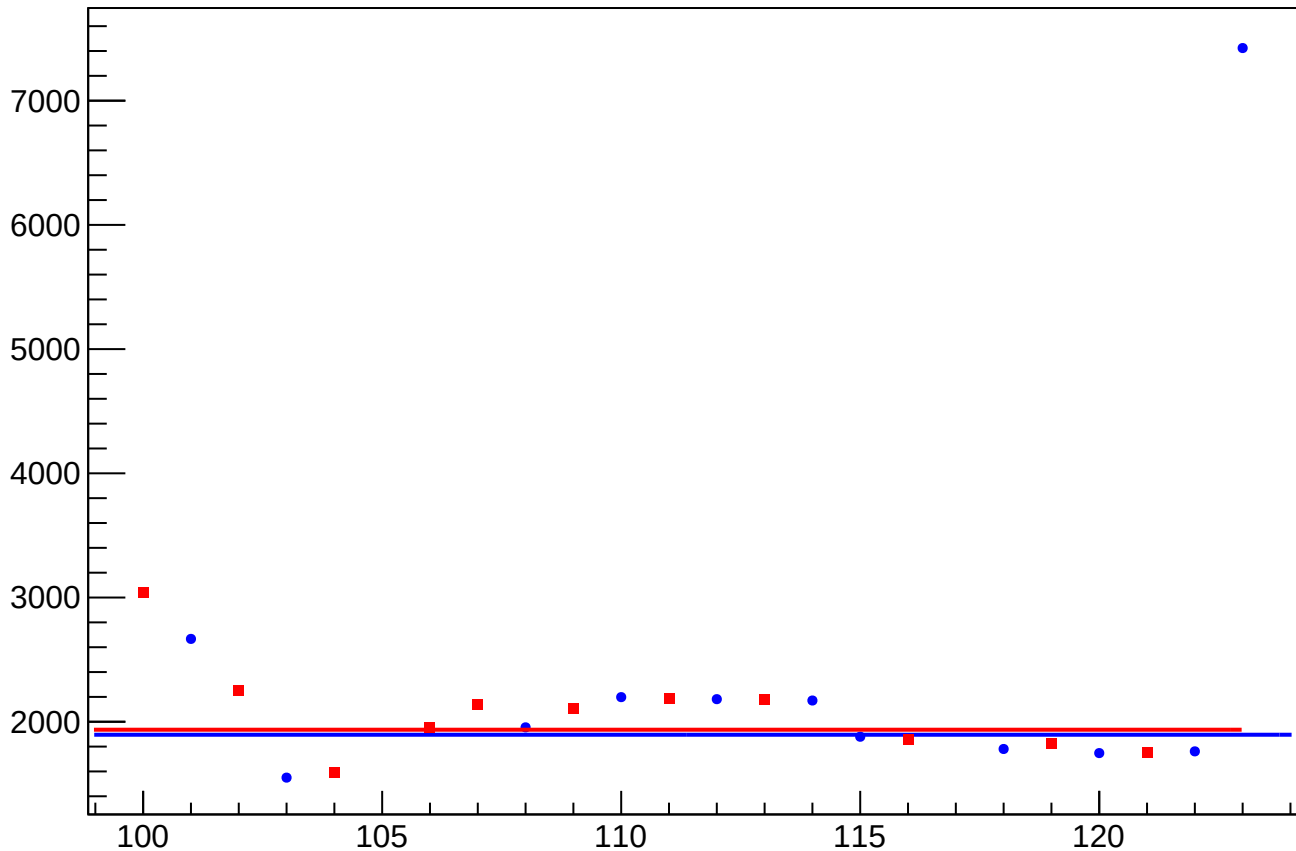
Right: 1985.076 $\pm$ 659.924 χ^2 /NDF: 20.2/21

In: 2812.737 $\pm$ 945.893 χ^2 /NDF:10.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1985.076 $\pm$ 659.924 χ^2 /NDF: 20.2/21

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1895.436+/-0.669 χ^2/NDF : 261714.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1935.879+/-0.649 χ^2/NDF : 138306.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

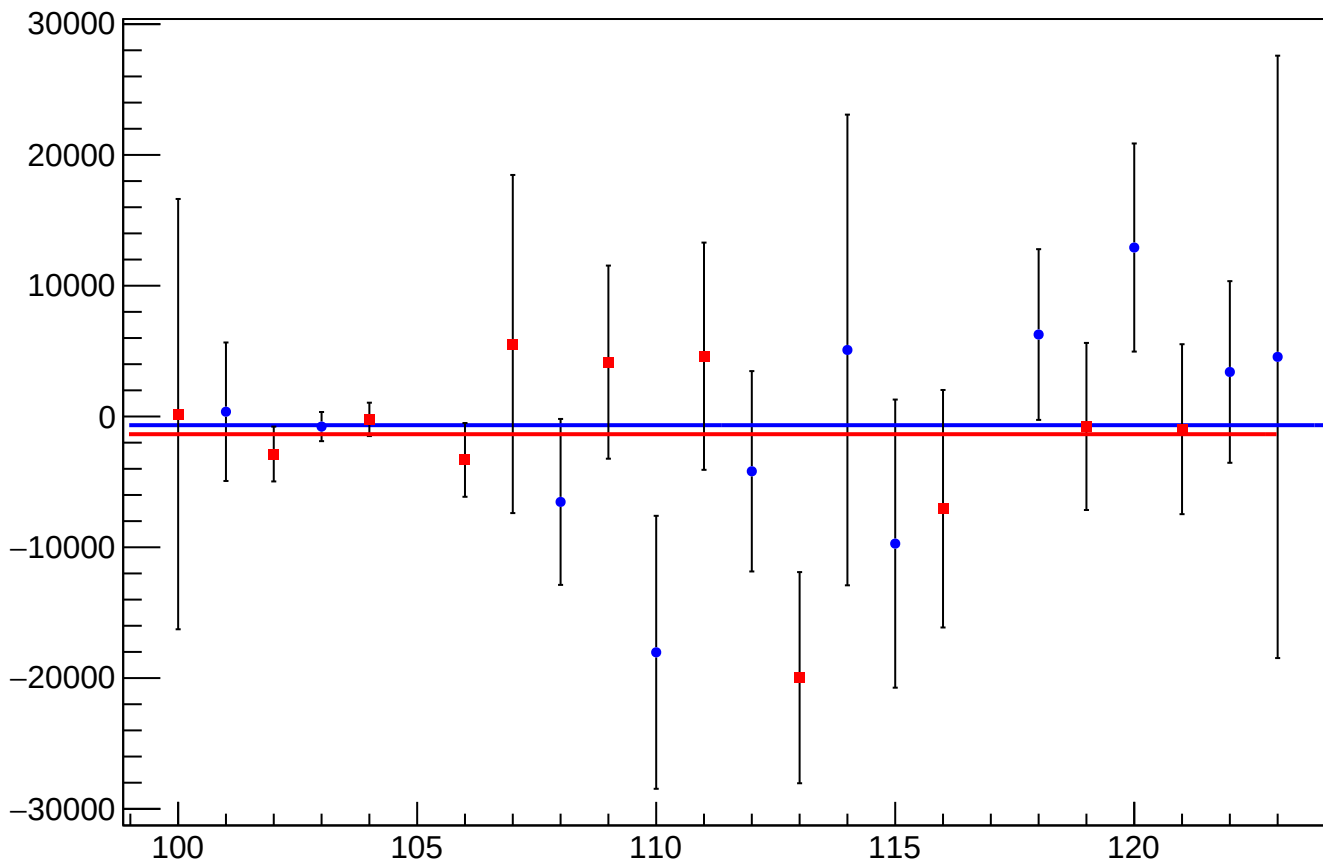
Right: 1916.273+/-0.466 χ^2/NDF : 401904.8/21

In: 1895.436+/-0.669 χ^2/NDF : 261714.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.273+/-0.466 χ^2/NDF : 401904.8/21

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -663.788+/-1017.863 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1353.026+/-960.092 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

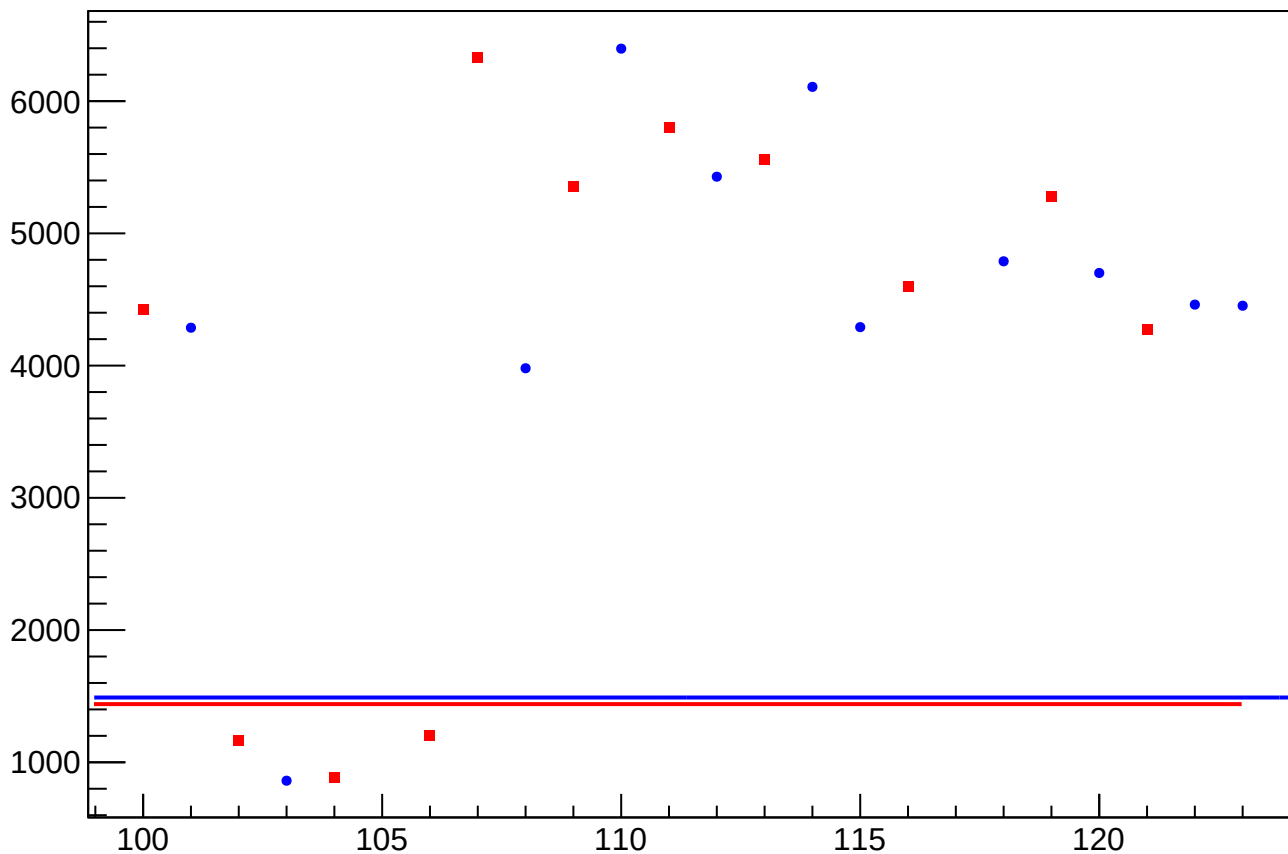
Right: -1028.521+/-698.418 χ^2/NDF : 18.2/21

In: -663.788+/-1017.863 χ^2/NDF : 9.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1028.521+/-698.418 χ^2/NDF : 18.2/21

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1489.923+/-0.720 χ^2/NDF : 3971382.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1439.962+/-0.679 χ^2/NDF : 3711908.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

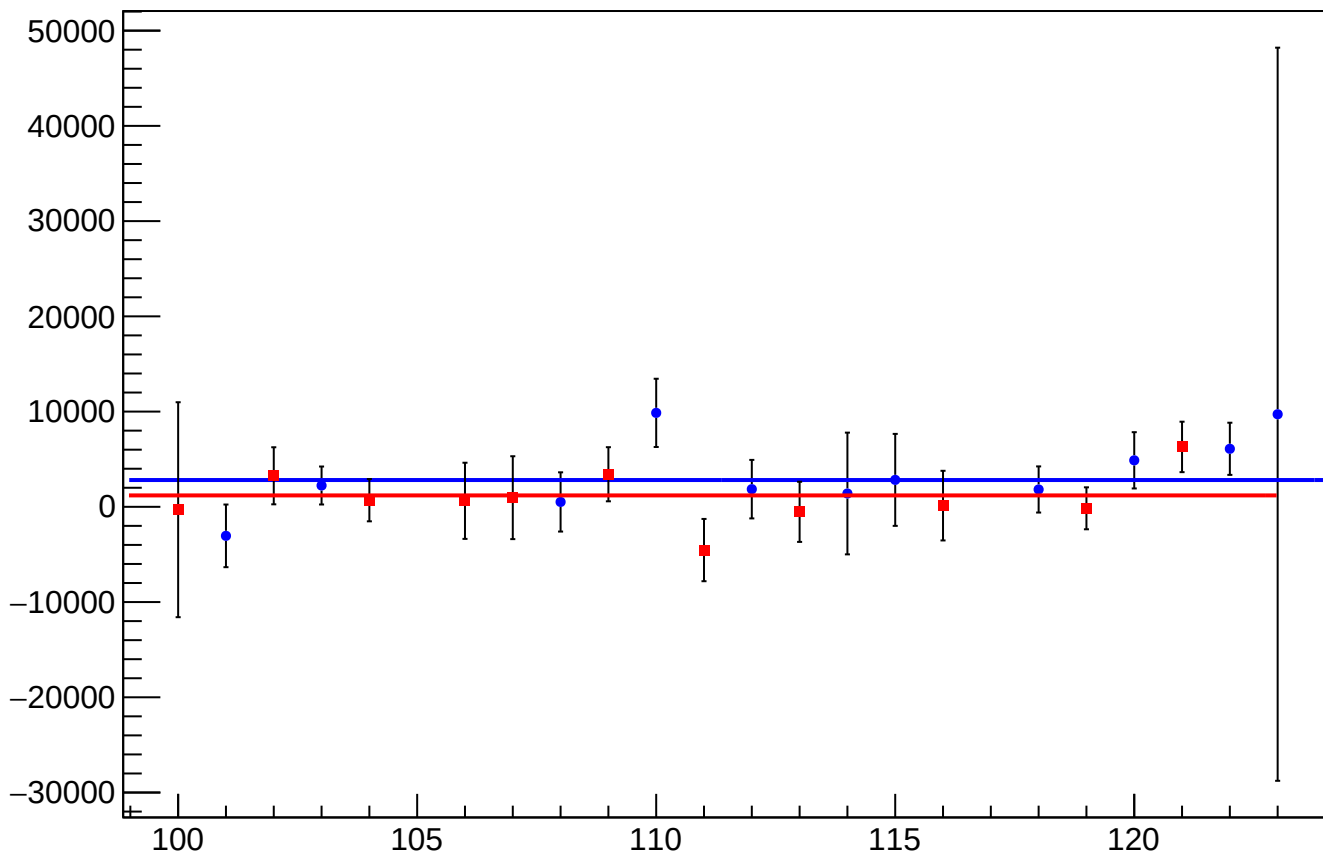
Right: 1463.484+/-0.494 χ^2/NDF : 7685841.5/21

In: 1489.923+/-0.720 χ^2/NDF : 3971382.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1463.484+/-0.494 χ^2/NDF : 7685841.5/21

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2812.715+/-945.893 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.149+/-921.148 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

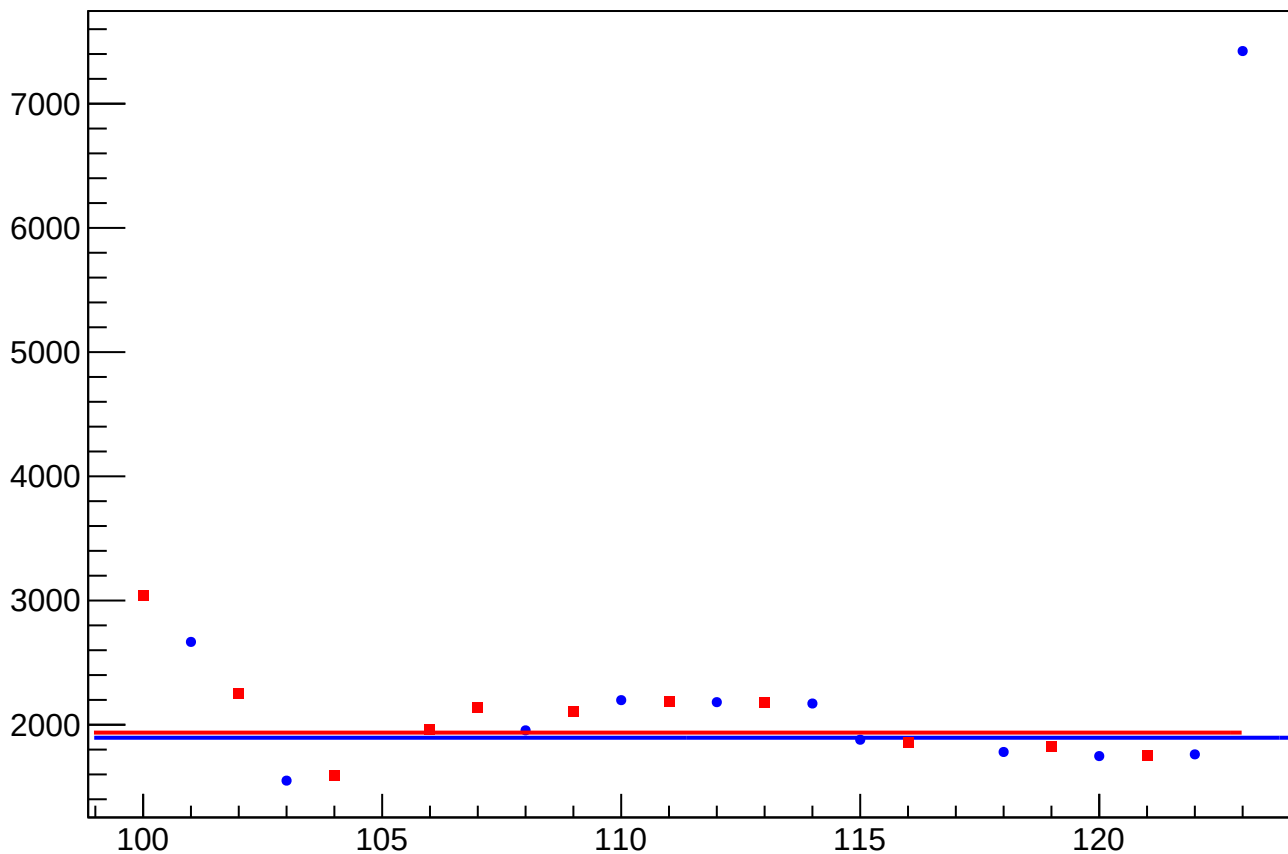
Right: 1984.037+/-659.925 χ^2/NDF : 20.2/21

In: 2812.715+/-945.893 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.037+/-659.925 χ^2/NDF : 20.2/21

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1895.436+/-0.669 χ^2/NDF : 261714.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.689+/-0.649 χ^2/NDF : 138393.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

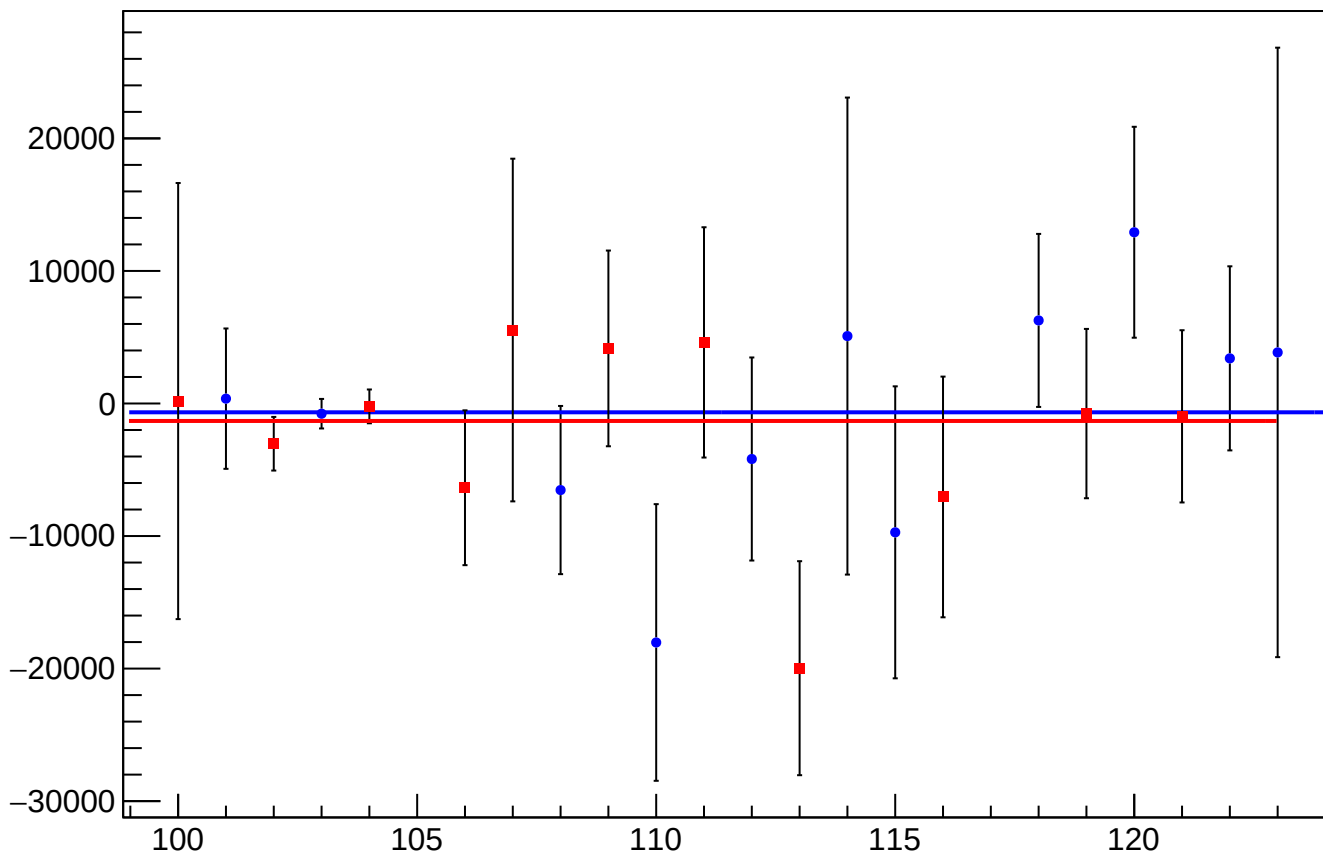
Right: 1916.682+/-0.466 χ^2/NDF : 402067.2/21

In: 1895.436+/-0.669 χ^2/NDF : 261714.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.682+/-0.466 χ^2/NDF : 402067.2/21

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -664.616+/-1017.797 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1318.324+/-997.417 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

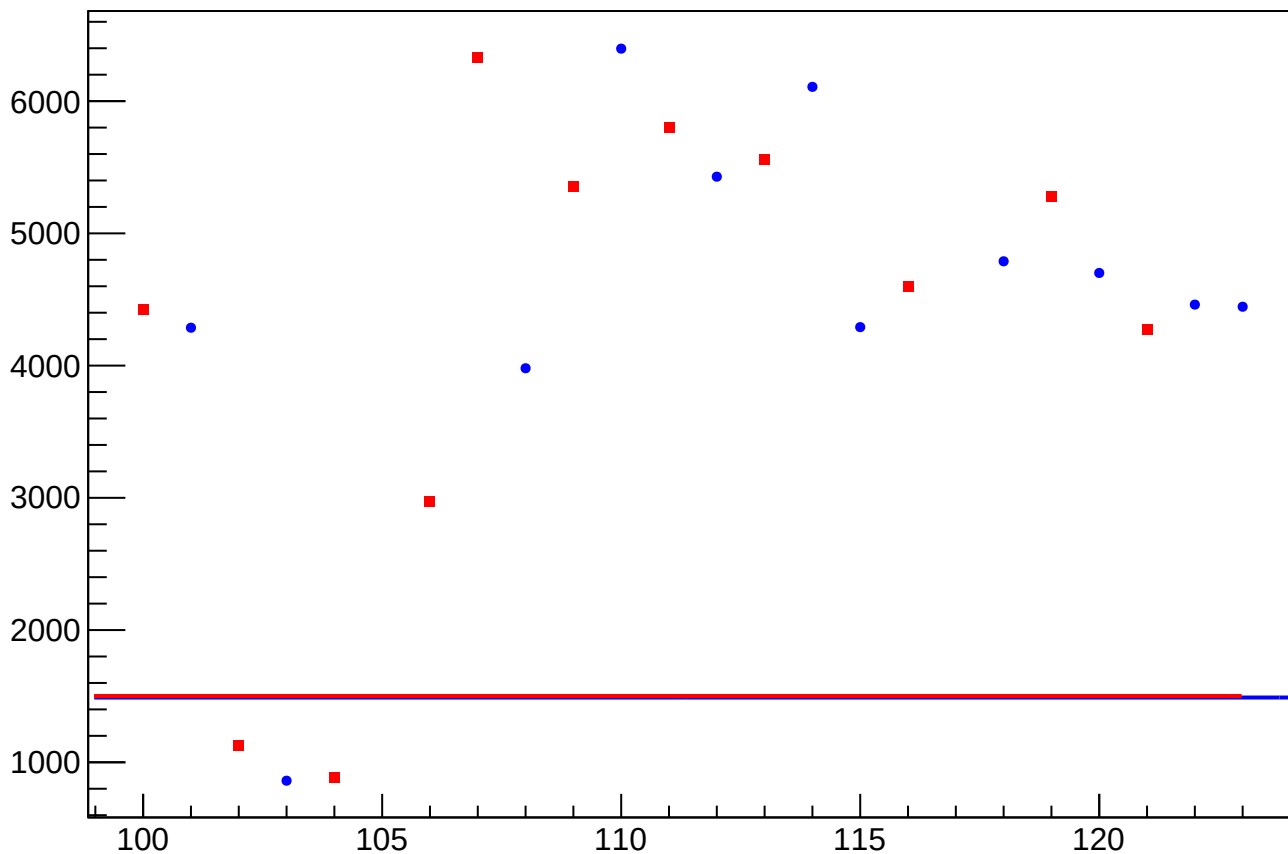
Right: -998.081+/-712.376 χ^2/NDF : 18.6/21

In: -664.616+/-1017.797 χ^2/NDF : 9.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -998.081+/-712.376 χ^2/NDF : 18.6/21

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1489.802+/-0.720 χ^2/NDF : 3971530.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1501.247+/-0.705 χ^2/NDF : 3840595.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

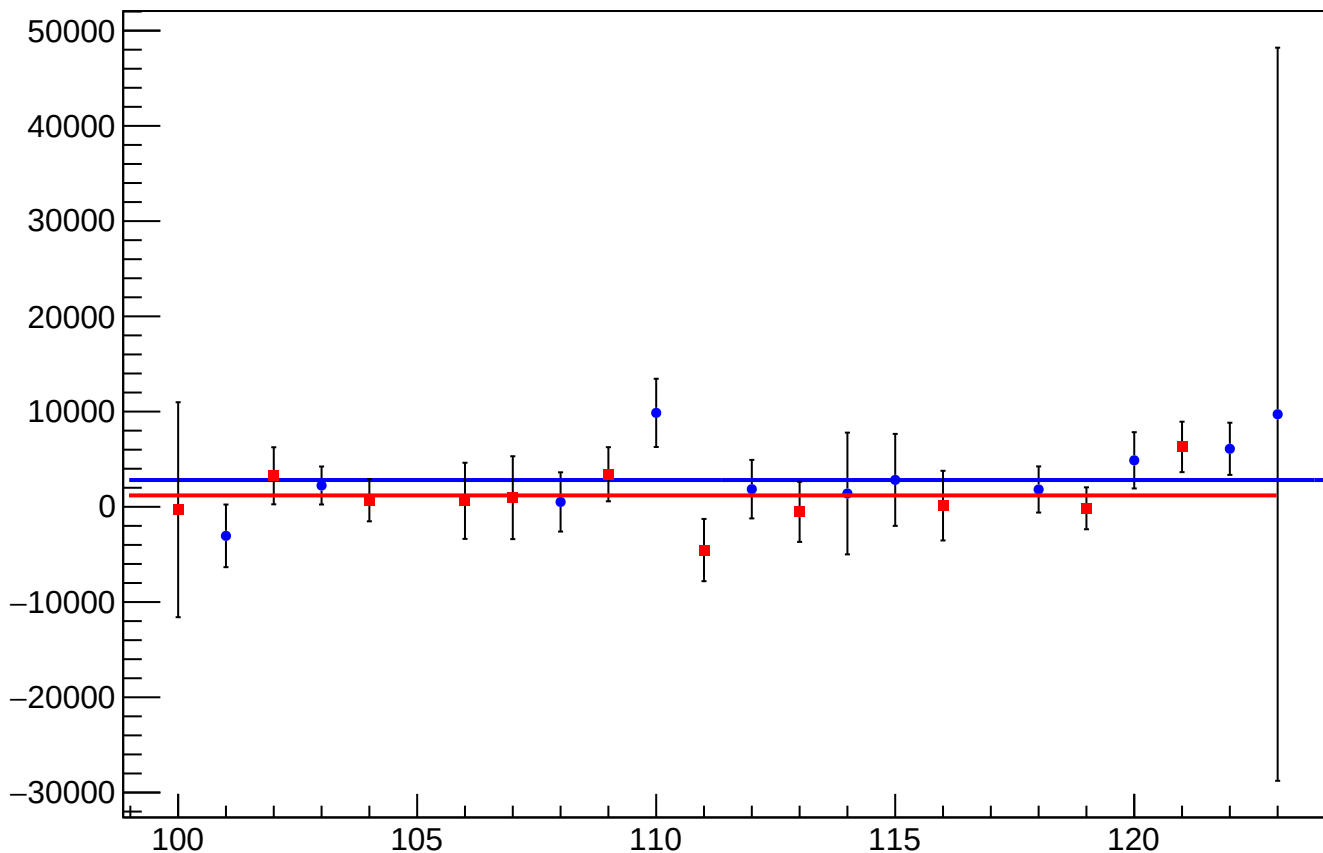
Right: 1495.640+/-0.504 χ^2/NDF : 7812255.0/21

In: 1489.802+/-0.720 χ^2/NDF :3971530.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1495.640+/-0.504 χ^2/NDF : 7812255.0/21

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2812.715+/-945.893 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.149+/-921.148 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

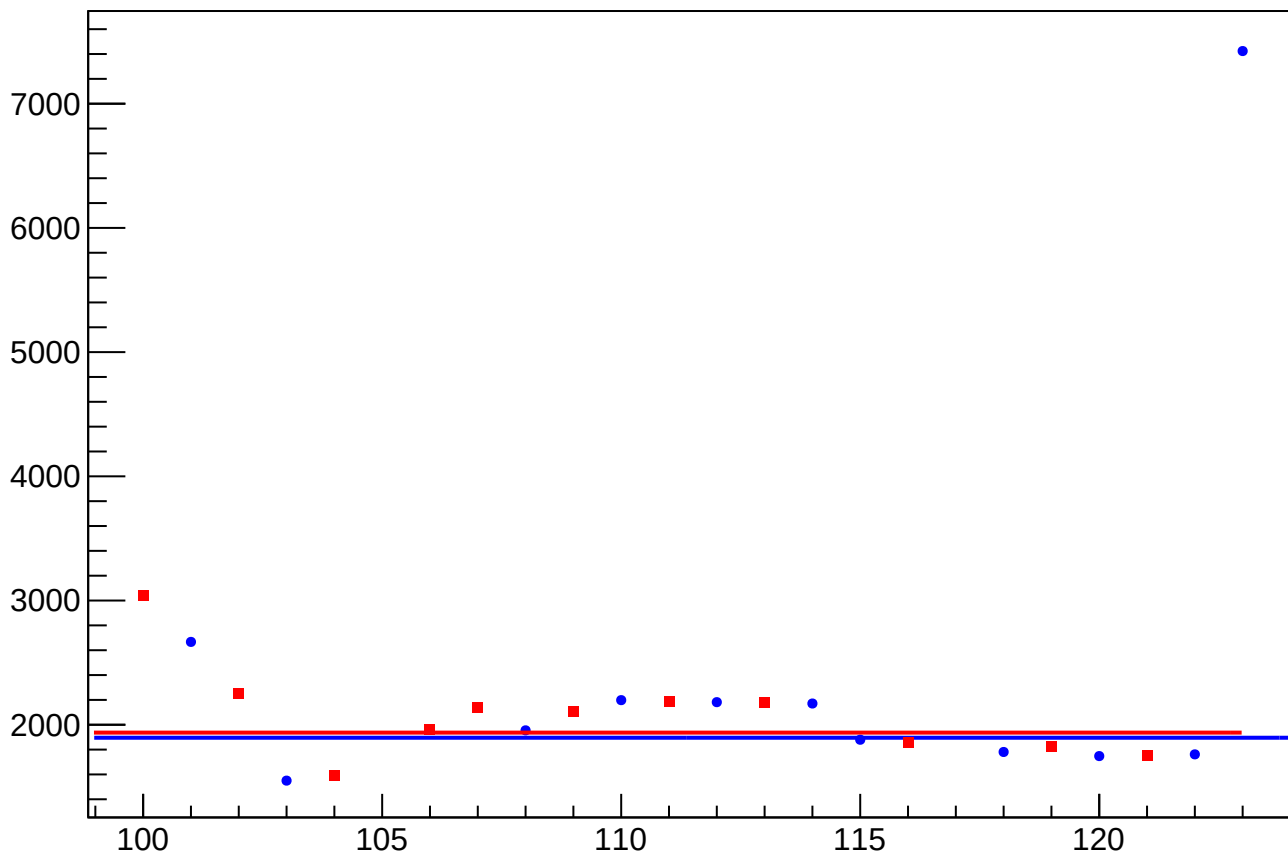
Right: 1984.037+/-659.925 χ^2/NDF : 20.2/21

In: 2812.715+/-945.893 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.037+/-659.925 χ^2/NDF : 20.2/21

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1895.436+/-0.669 χ^2/NDF : 261714.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.689+/-0.649 χ^2/NDF : 138393.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

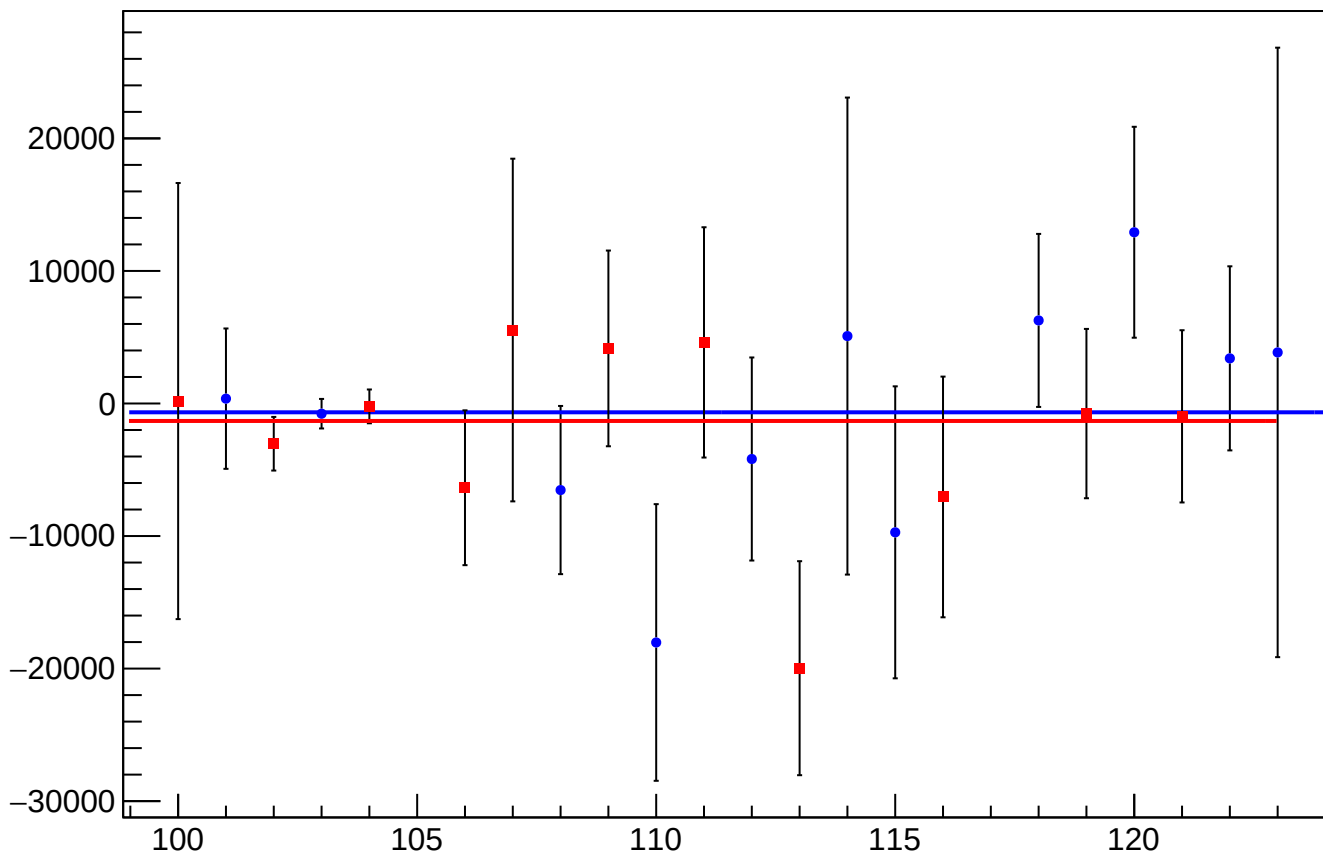
Right: 1916.682+/-0.466 χ^2/NDF : 402067.2/21

In: 1895.436+/-0.669 χ^2/NDF : 261714.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.682+/-0.466 χ^2/NDF : 402067.2/21

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -664.616+/-1017.797 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1318.324+/-997.417 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

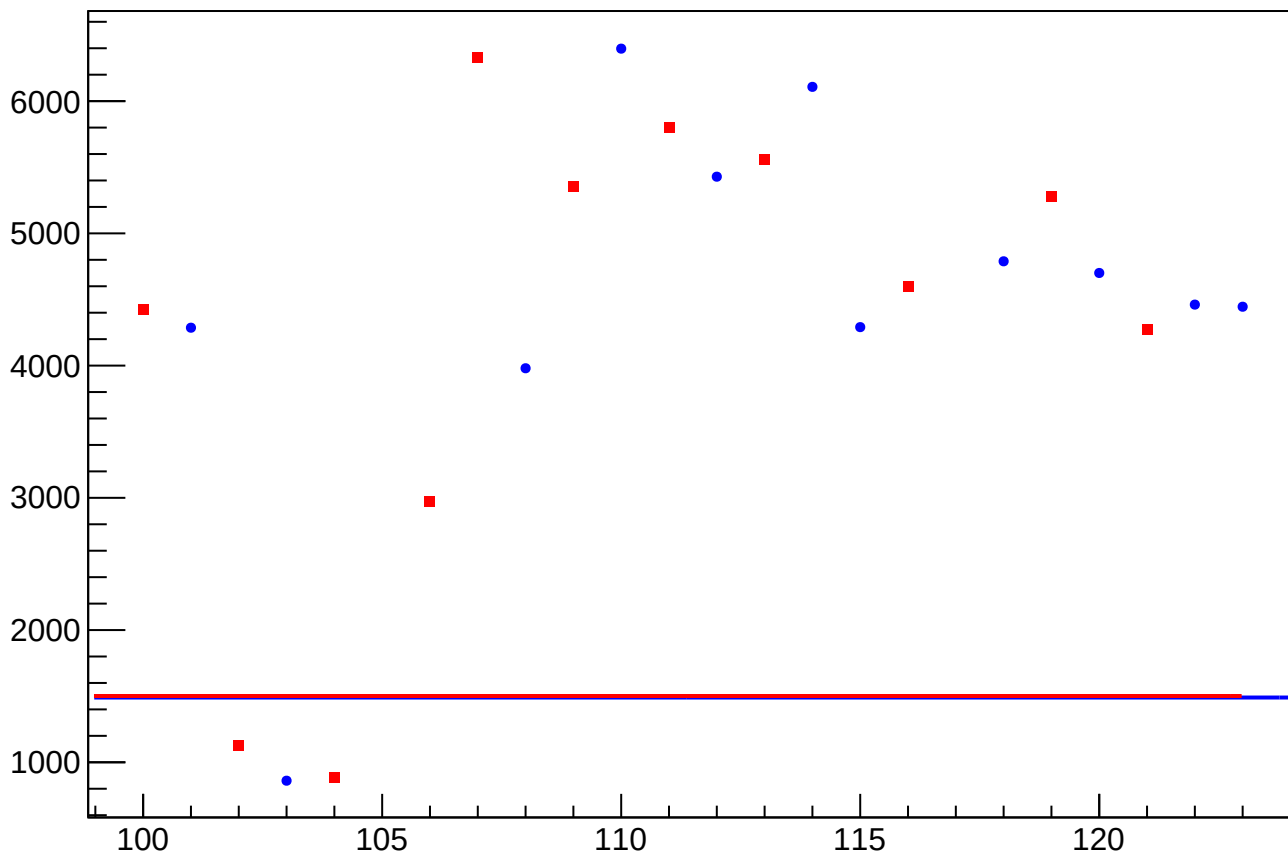
Right: -998.081+/-712.376 χ^2/NDF : 18.6/21

In: -664.616+/-1017.797 χ^2/NDF : 9.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -998.081+/-712.376 χ^2/NDF : 18.6/21

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1489.802+/-0.720 χ^2/NDF : 3971530.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1501.247+/-0.705 χ^2/NDF : 3840595.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

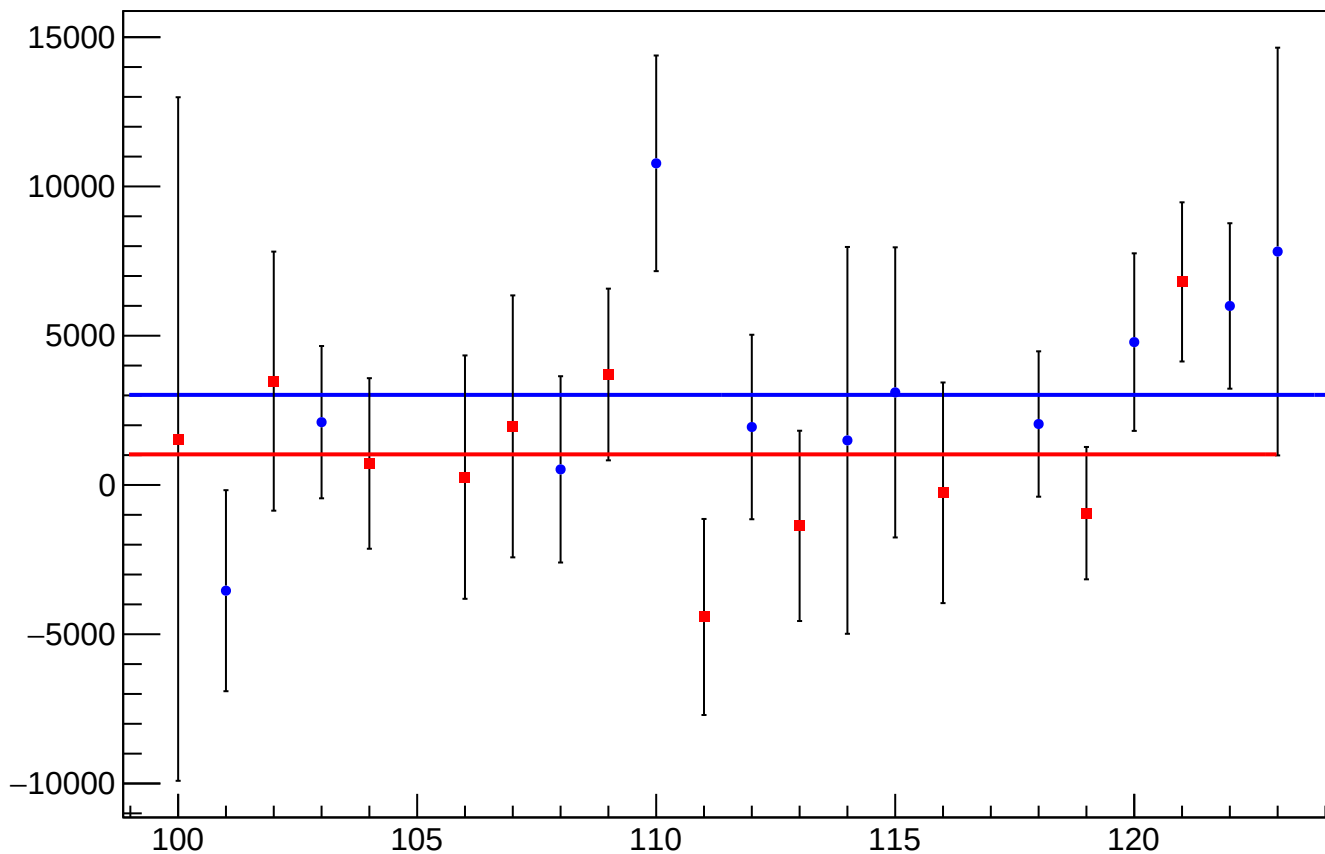
Right: 1495.640+/-0.504 χ^2/NDF : 7812255.0/21

In: 1489.802+/-0.720 χ^2/NDF :3971530.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1495.640+/-0.504 χ^2/NDF : 7812255.0/21

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3017.858+/-987.452 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.367+/-987.773 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

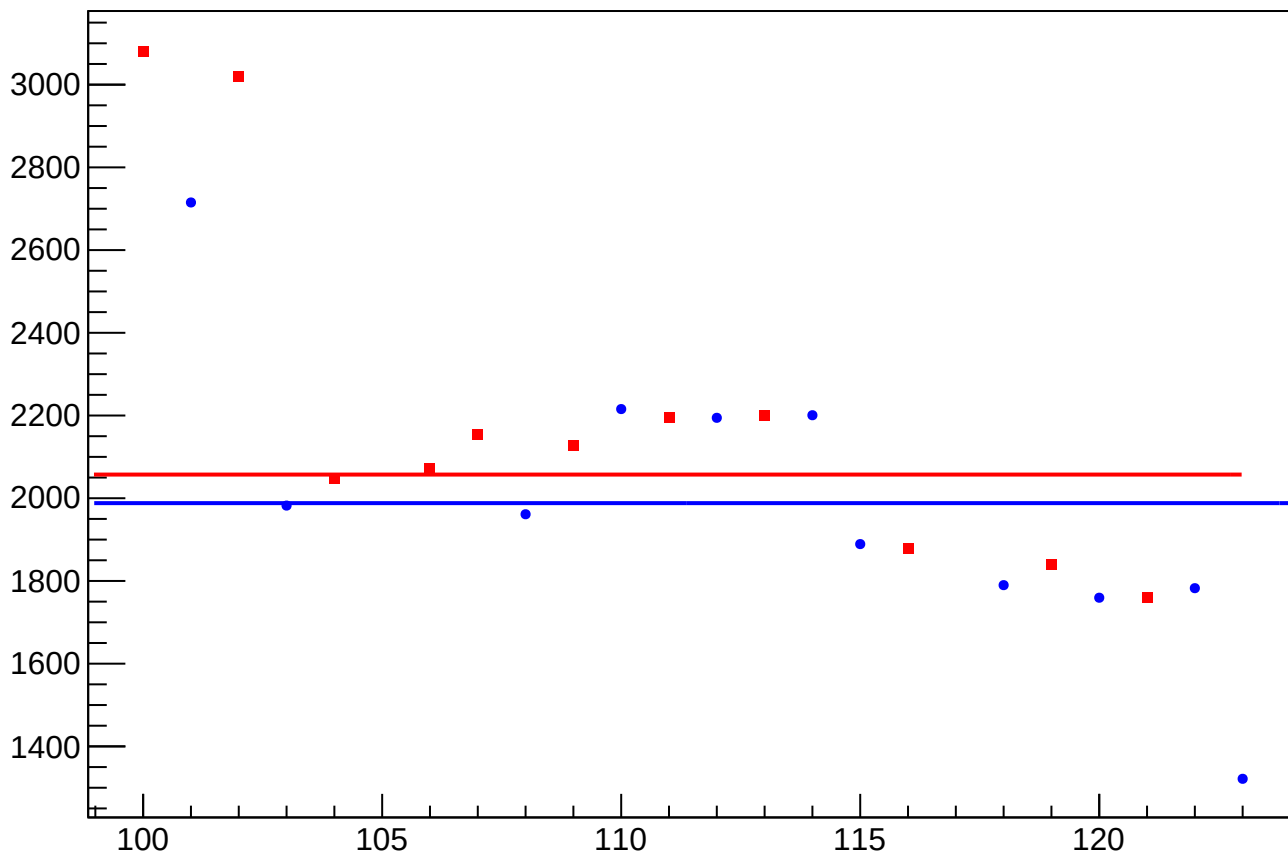
Right: 2021.936+/-698.347 χ^2/NDF : 23.8/21

In: 3017.858+/-987.452 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.936+/-698.347 χ^2/NDF : 23.8/21

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1988.161+/-0.698 χ^2/NDF : 168367.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2057.226+/-0.697 χ^2/NDF : 173216.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

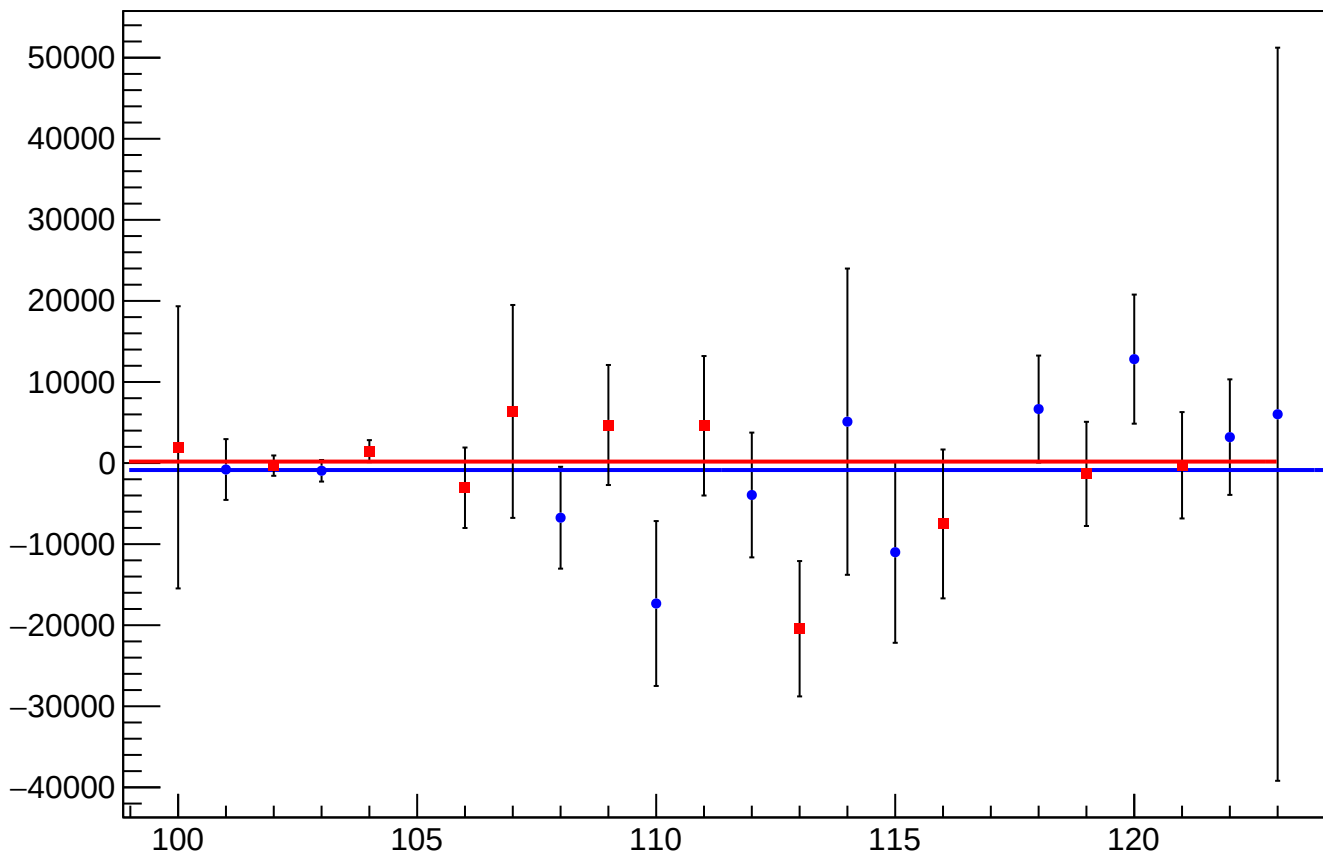
Right: 2022.736+/-0.493 χ^2/NDF : 346482.0/21

In: 1988.161+/-0.698 χ^2/NDF : 168367.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.736+/-0.493 χ^2/NDF : 346482.0/21

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -860.368+/-1148.758 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.538+/-866.060 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

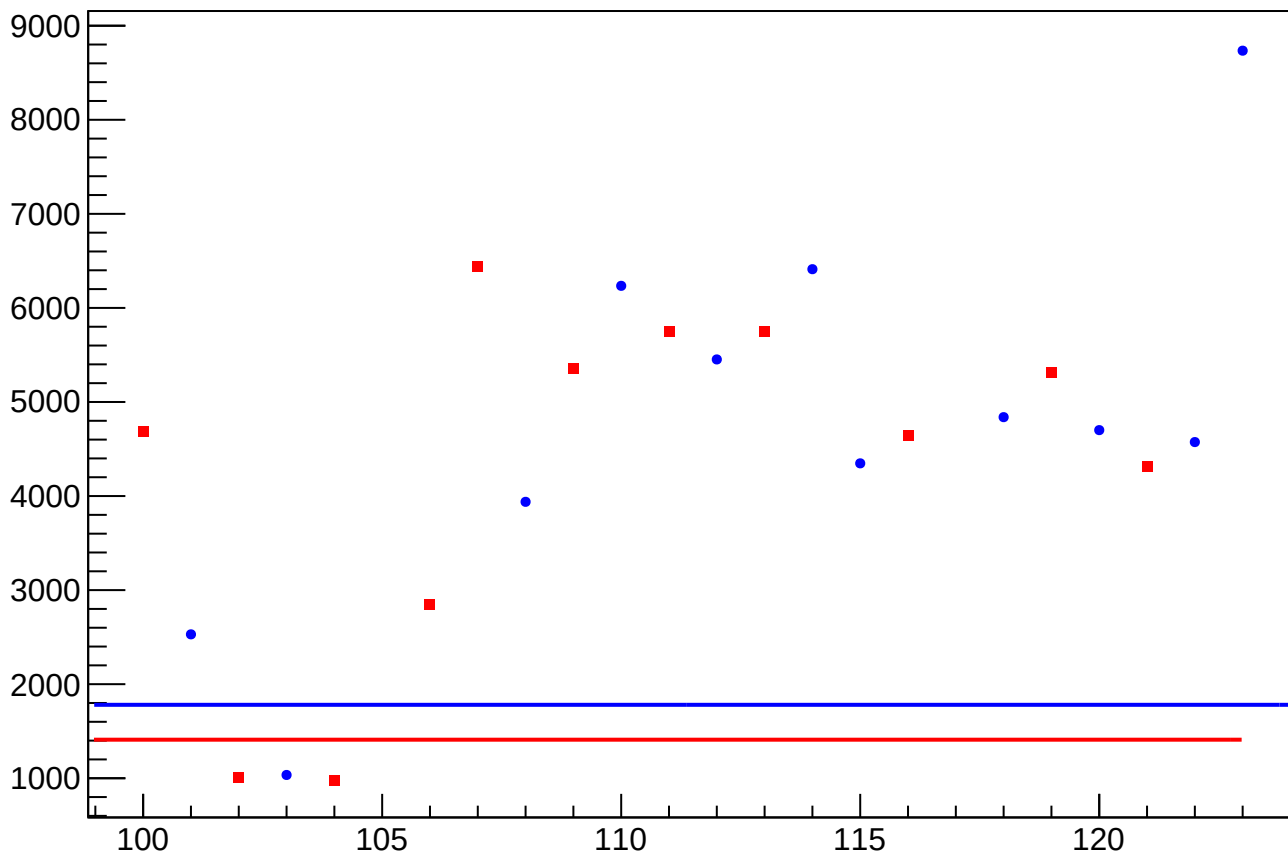
Right: -195.411+/-691.548 χ^2/NDF : 18.9/21

In: -860.368+/-1148.758 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.411+/-691.548 χ^2/NDF : 18.9/21

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1780.588+/-0.812 χ^2/NDF : 3062760.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.803+/-0.612 χ^2/NDF : 3933517.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

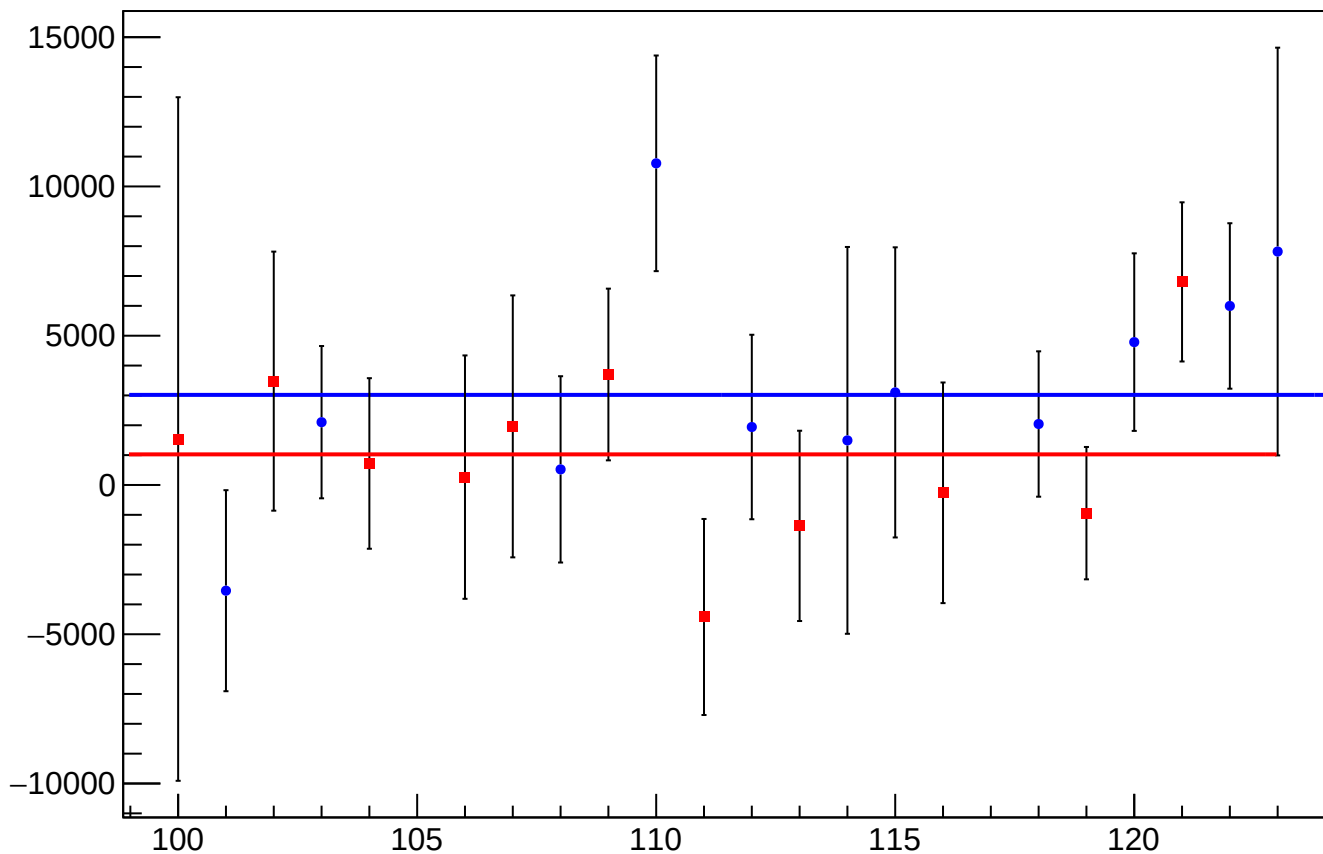
Right: 1544.175+/-0.489 χ^2/NDF : 7129129.4/21

In: 1780.588+/-0.812 χ^2/NDF : 3062760.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.175+/-0.489 χ^2/NDF : 7129129.4/21

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3017.846+/-987.451 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.372+/-987.772 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

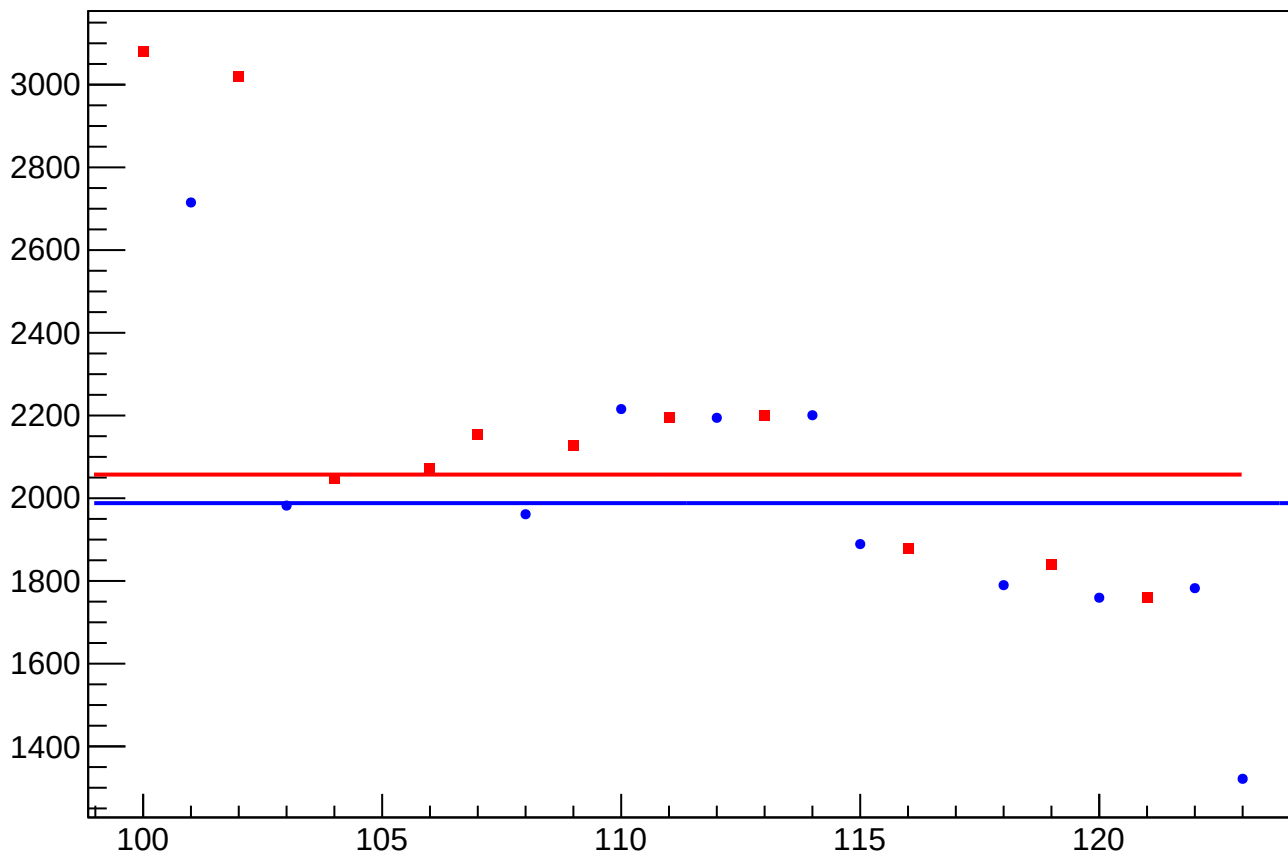
Right: 2021.933+/-698.347 χ^2/NDF : 23.8/21

In: 3017.846+/-987.451 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.933+/-698.347 χ^2/NDF : 23.8/21

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1988.160+/-0.698 χ^2/NDF : 168368.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2057.225+/-0.697 χ^2/NDF : 173215.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

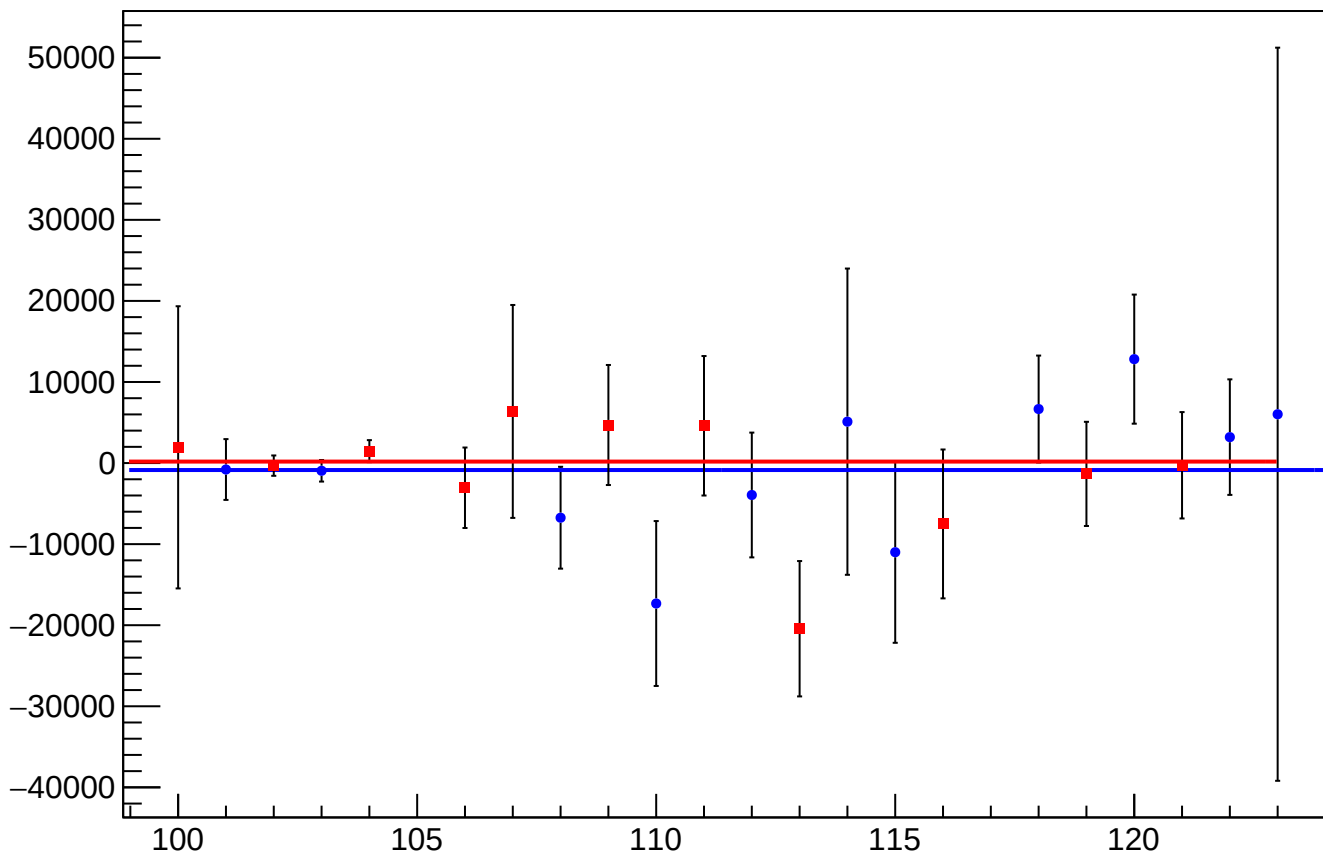
Right: 2022.735+/-0.493 χ^2/NDF : 346481.6/21

In: 1988.160+/-0.698 χ^2/NDF : 168368.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.735+/-0.493 χ^2/NDF : 346481.6/21

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -860.370+/-1148.757 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.532+/-866.060 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

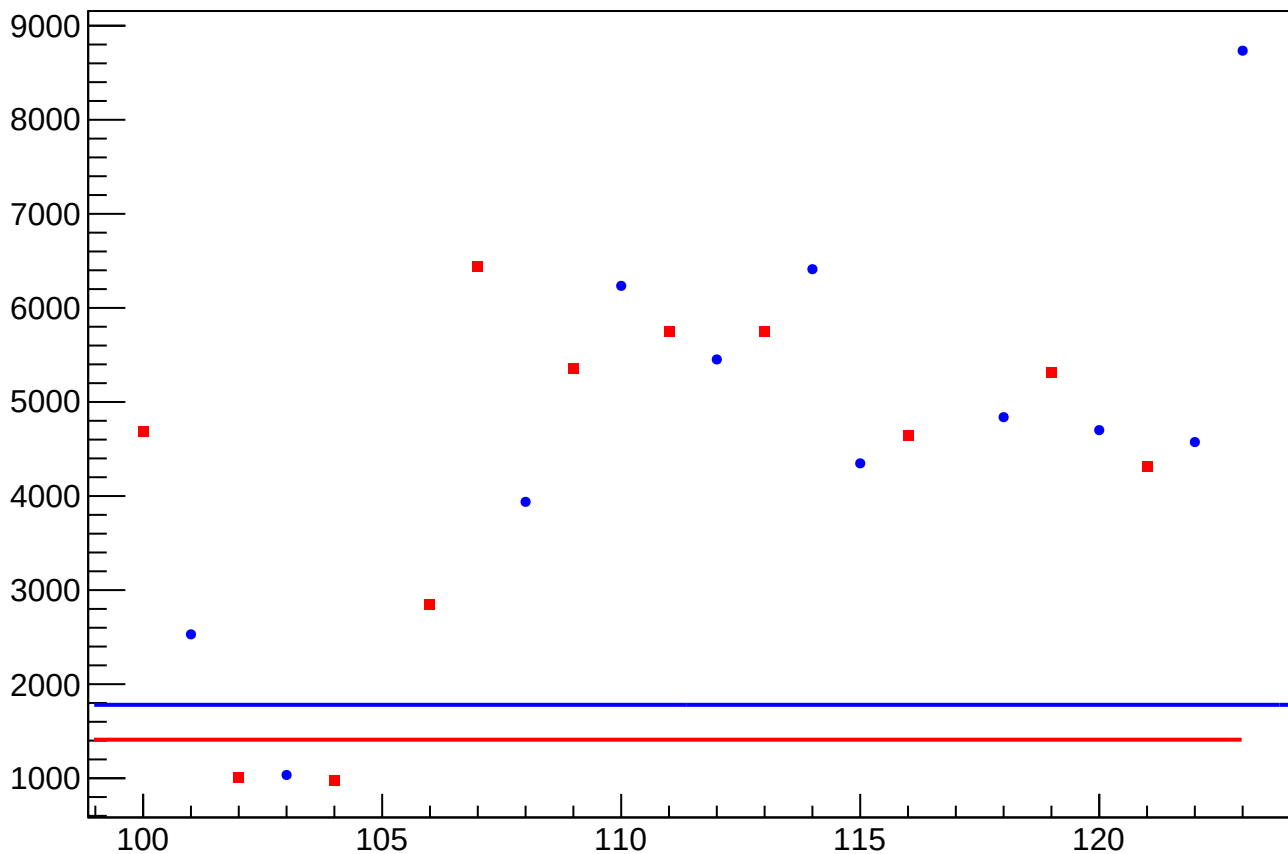
Right: -195.416+/-691.548 χ^2/NDF : 18.9/21

In: -860.370+/-1148.757 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.416+/-691.548 χ^2/NDF : 18.9/21

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1780.588+/-0.812 χ^2/NDF : 3062754.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.803+/-0.612 χ^2/NDF : 3933511.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

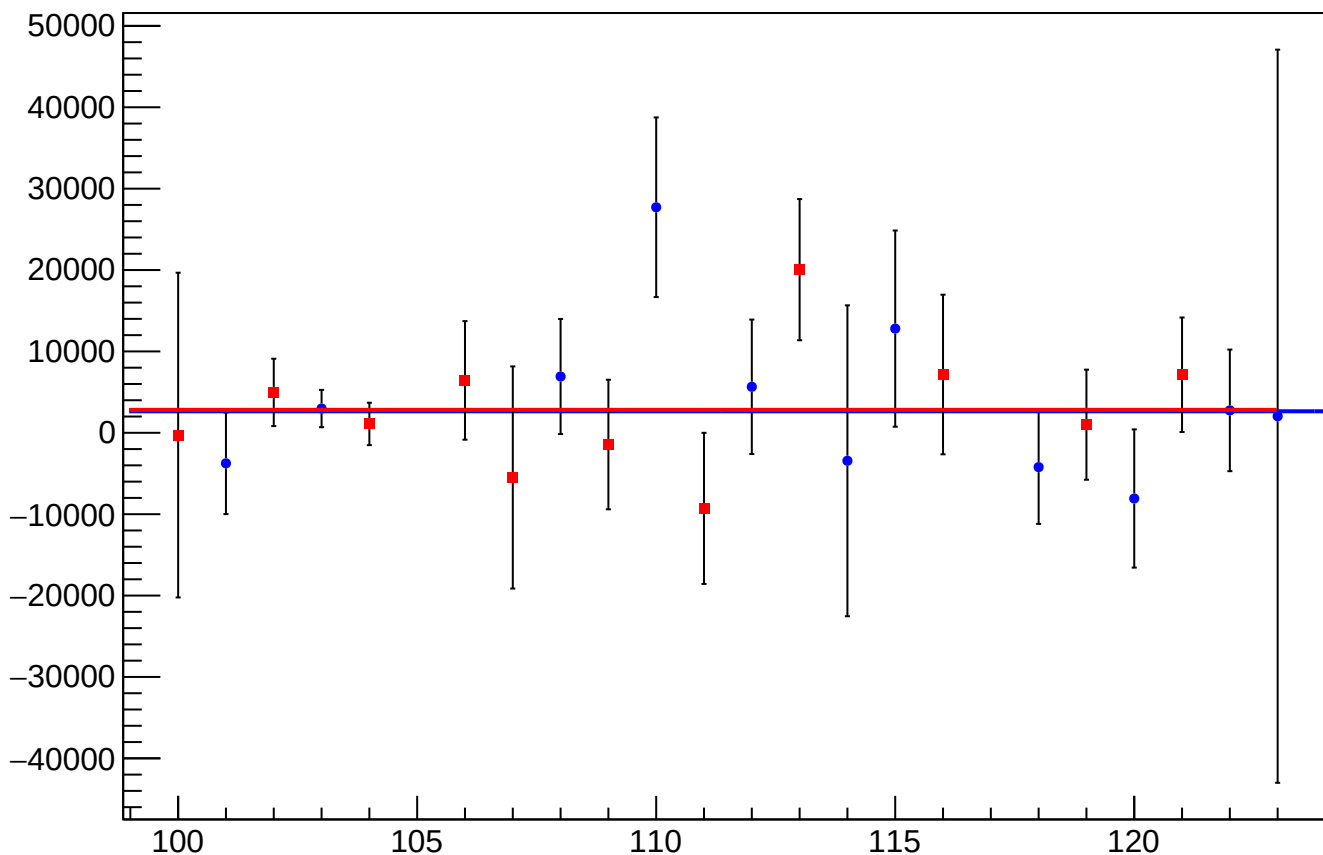
Right: 1544.175+/-0.489 χ^2/NDF : 7129118.4/21

In: 1780.588+/-0.812 χ^2/NDF : 3062754.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.175+/-0.489 χ^2/NDF : 7129118.4/21

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2644.838+/-1764.033 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2819.889+/-1752.979 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

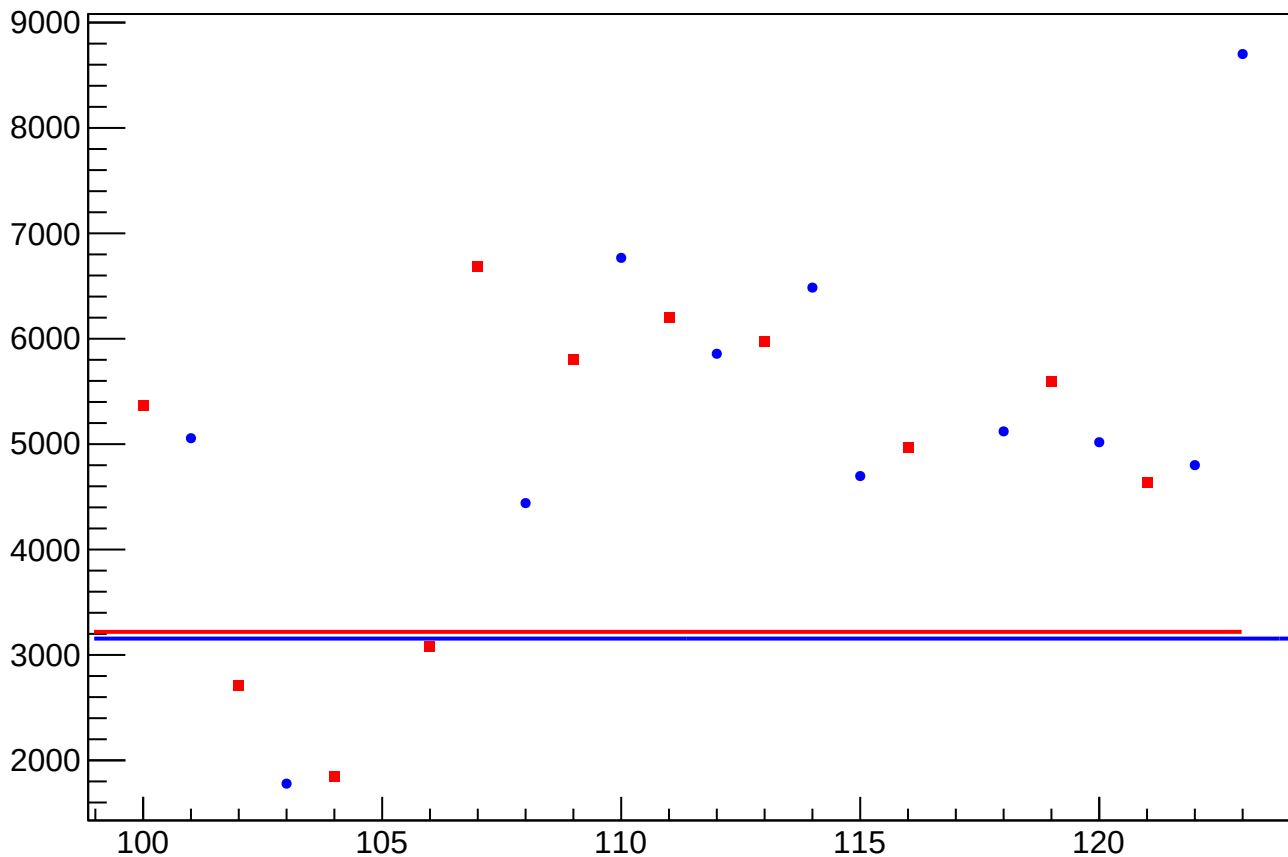
Right: 2732.914+/-1243.433 χ^2/NDF : 18.0/21

In: 2644.838+/-1764.033 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2732.914+/-1243.433 χ^2/NDF : 18.0/21

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3155.137+/-1.247 χ^2/NDF : 1876877.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3219.142+/-1.224 χ^2/NDF : 1745449.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

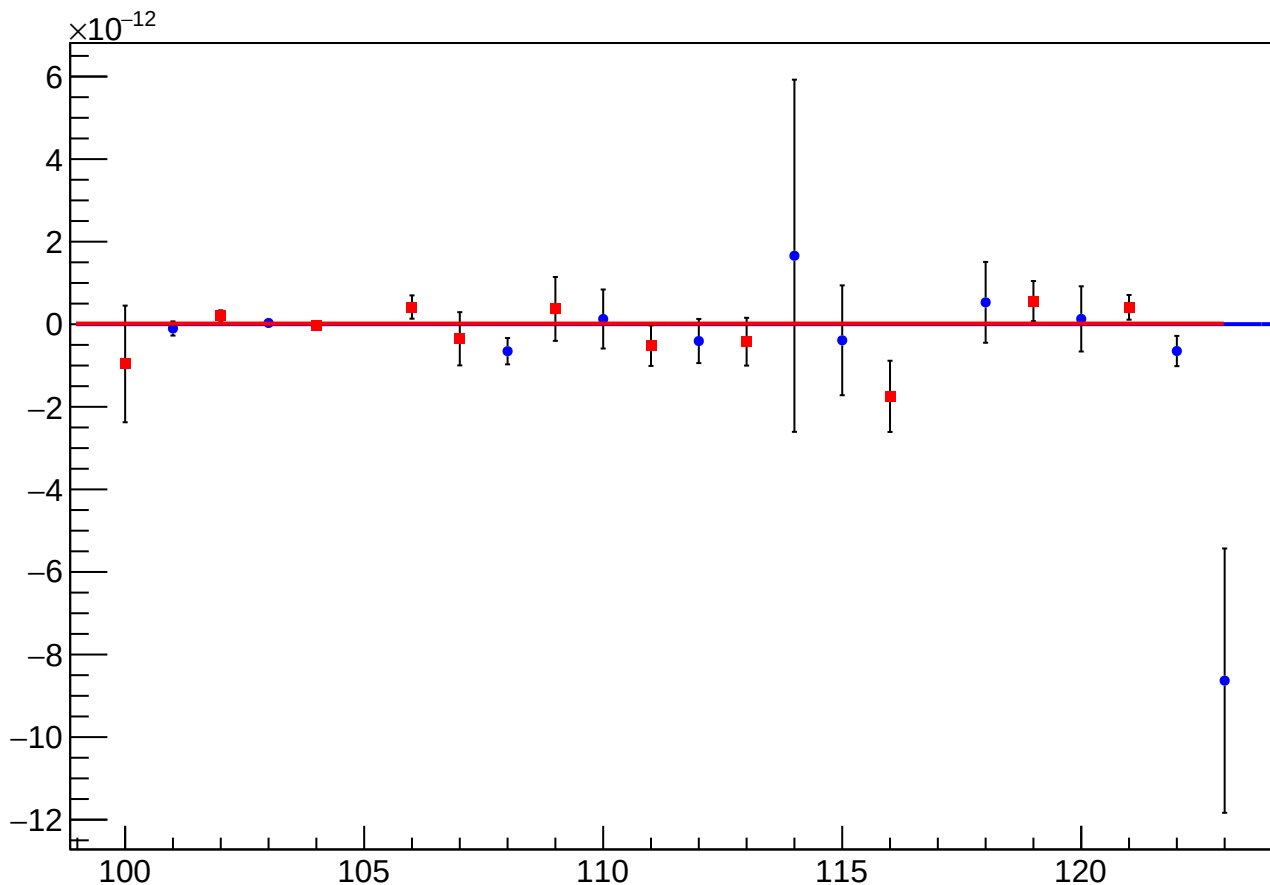
Right: 3187.749+/-0.874 χ^2/NDF : 3623667.6/21

In: 3155.137+/-1.247 χ^2/NDF :1876877.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3187.749+/-0.874 χ^2/NDF : 3623667.6/21

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

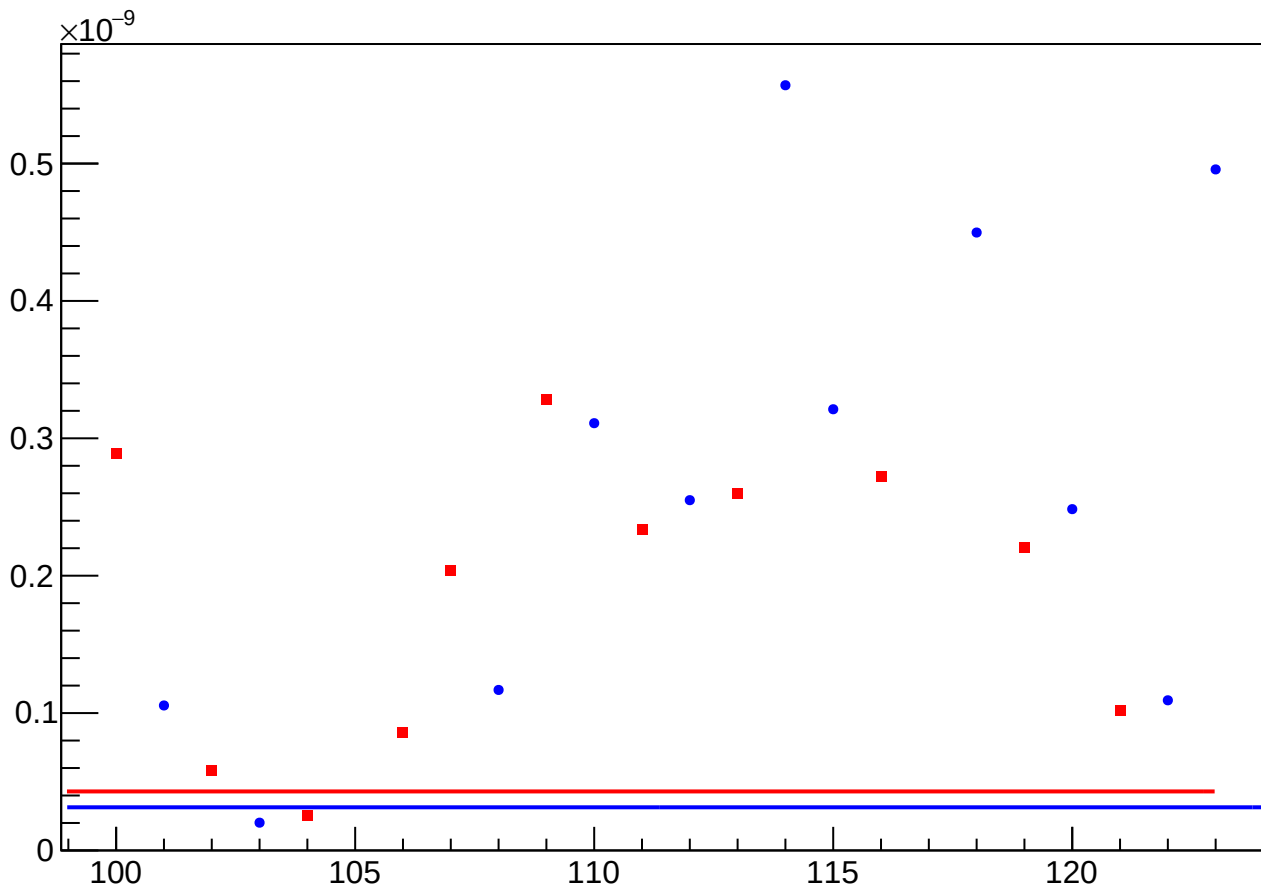
Right: 0.000+/-0.000 χ^2/NDF : 31.9/21

In: 0.000+/-0.000 χ^2/NDF : 16.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.9/21

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2088403.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1795436.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

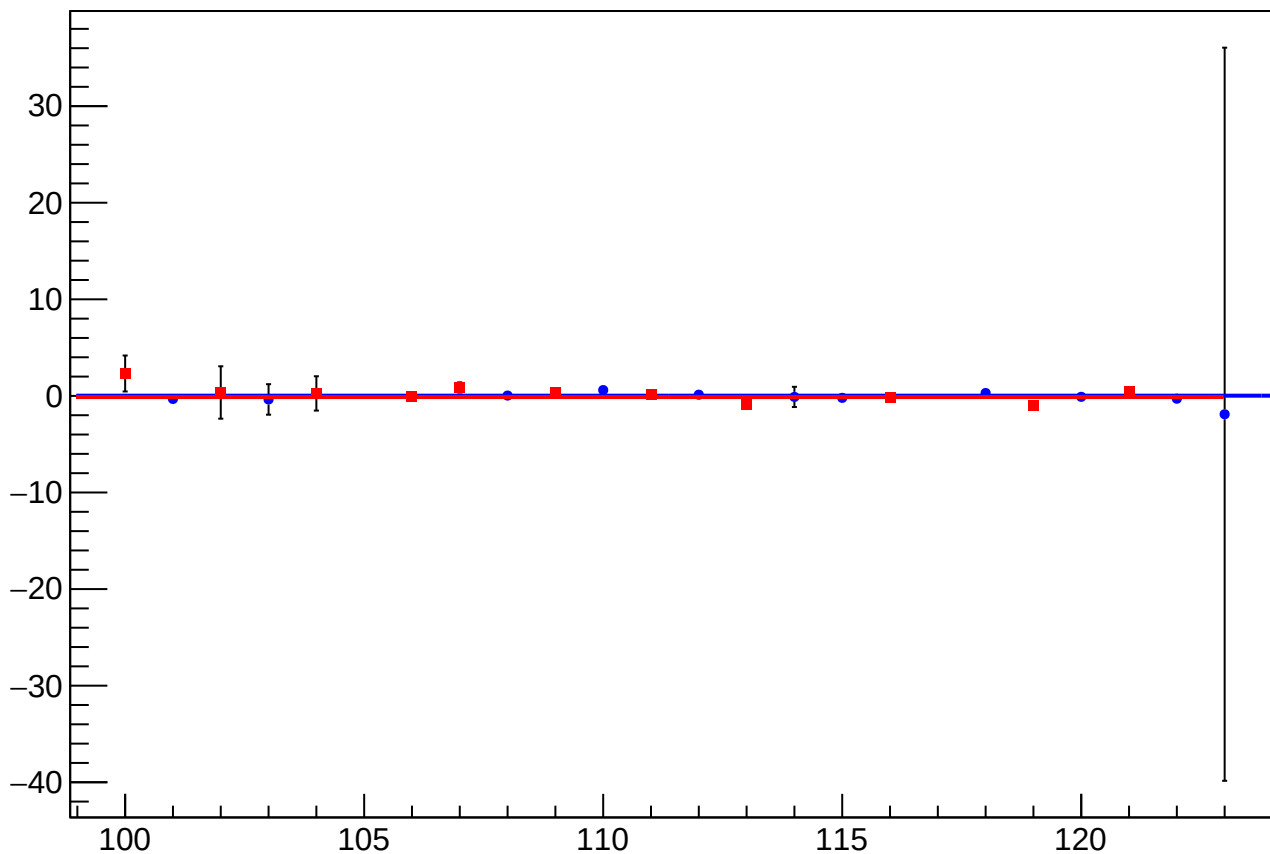
Right: 0.000+/-0.000 χ^2/NDF : 3951655.3/21

In: 0.000+/-0.000 χ^2/NDF : 2088403.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3951655.3/21

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.119+/-0.100 χ^2/NDF : 34.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

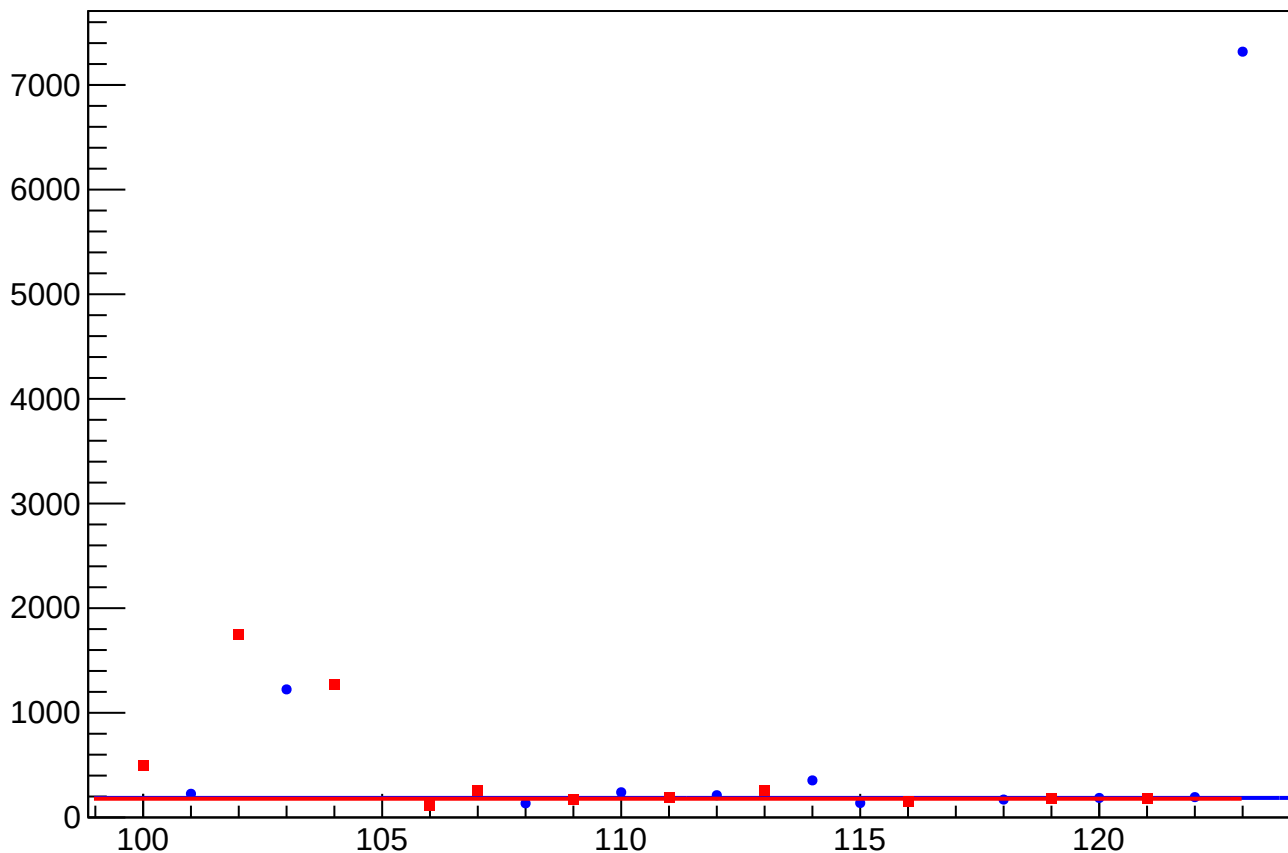
Right: -0.049+/-0.071 χ^2/NDF : 41.5/21

In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.071 χ^2/NDF : 41.5/21

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.789+/-0.072 χ^2/NDF : 1226195.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.931+/-0.071 χ^2/NDF : 1790102.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

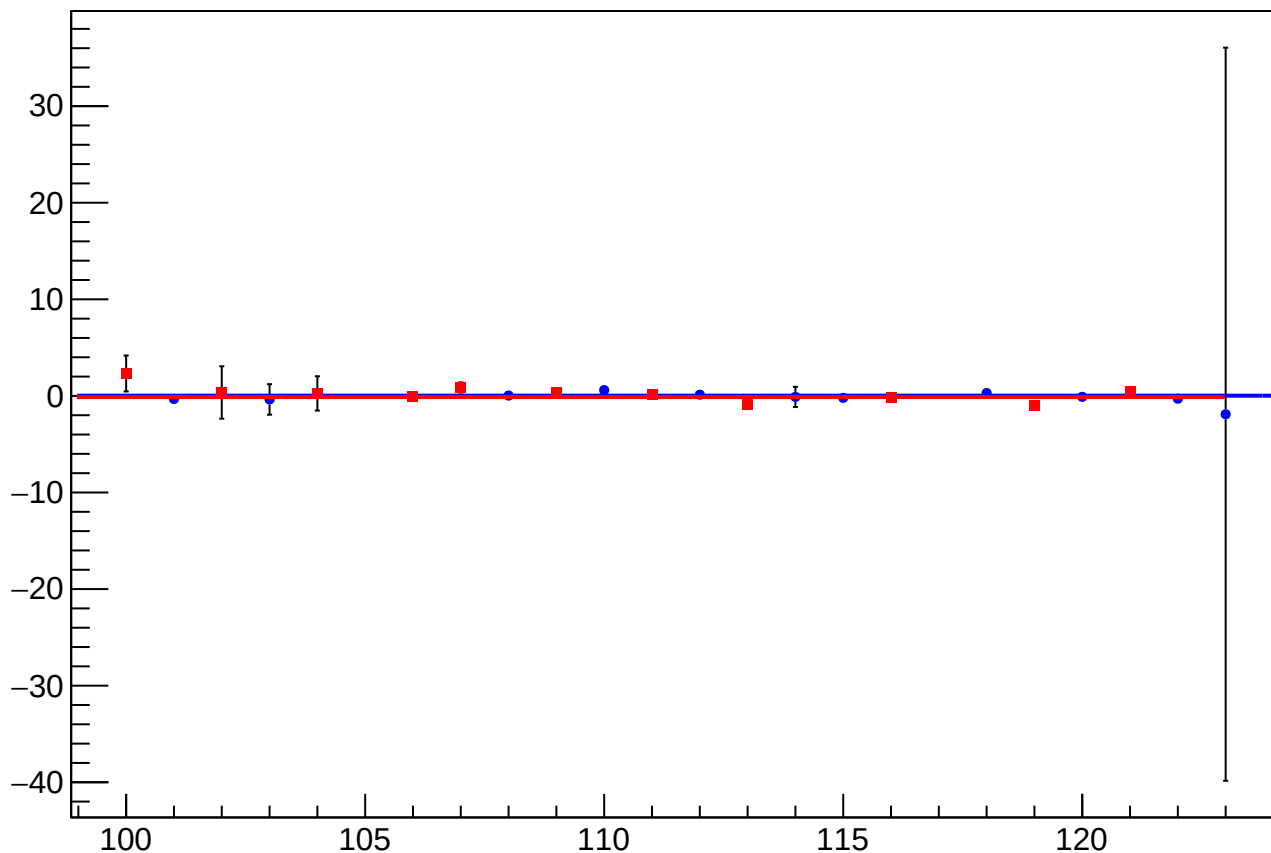
Right: 182.762+/-0.051 χ^2/NDF : 3022336.9/21

In: 186.789+/-0.072 χ^2/NDF : 1226195.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.762+/-0.051 χ^2/NDF : 3022336.9/21

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.119+/-0.100 χ^2/NDF : 34.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

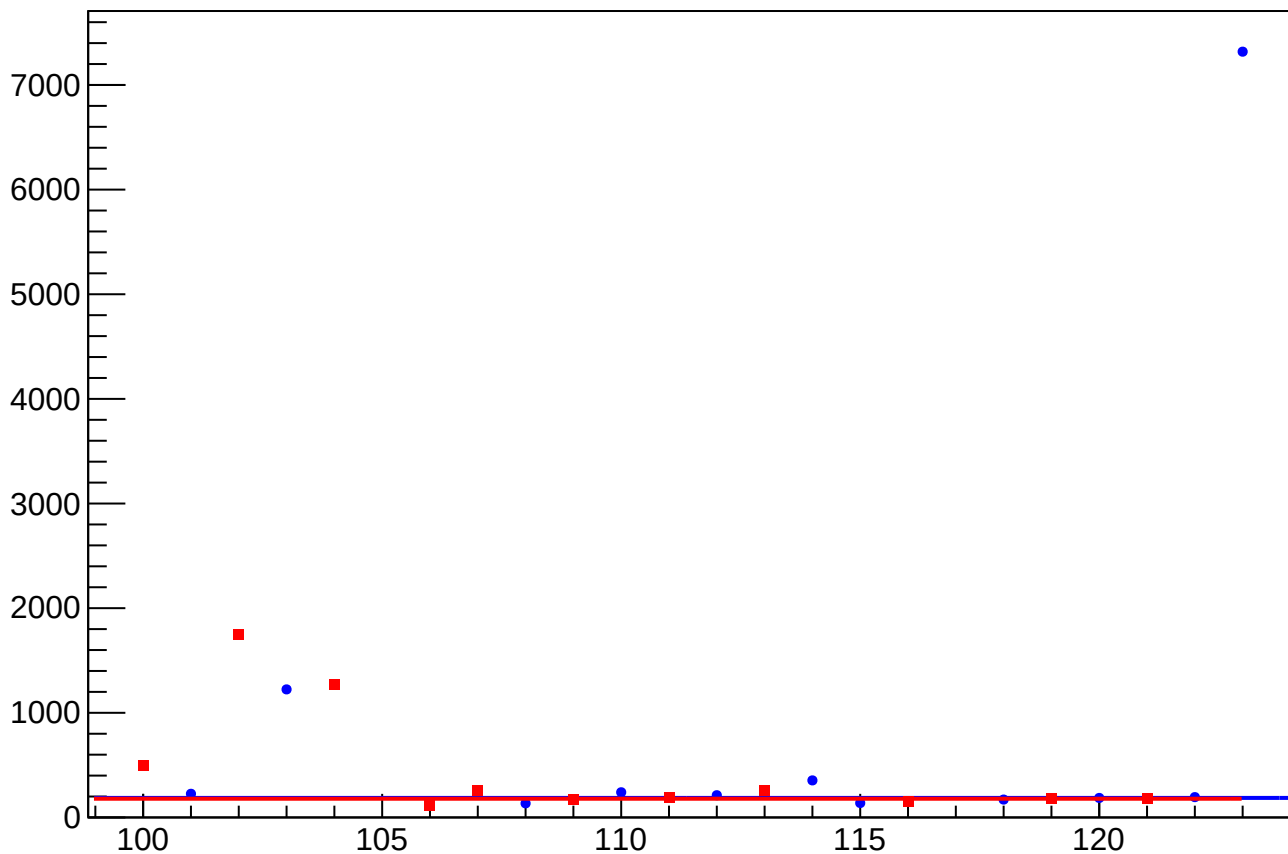
Right: -0.049+/-0.071 χ^2/NDF : 41.5/21

In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.071 χ^2/NDF : 41.5/21

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.789+/-0.072 χ^2/NDF : 1226195.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.931+/-0.071 χ^2/NDF : 1790102.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

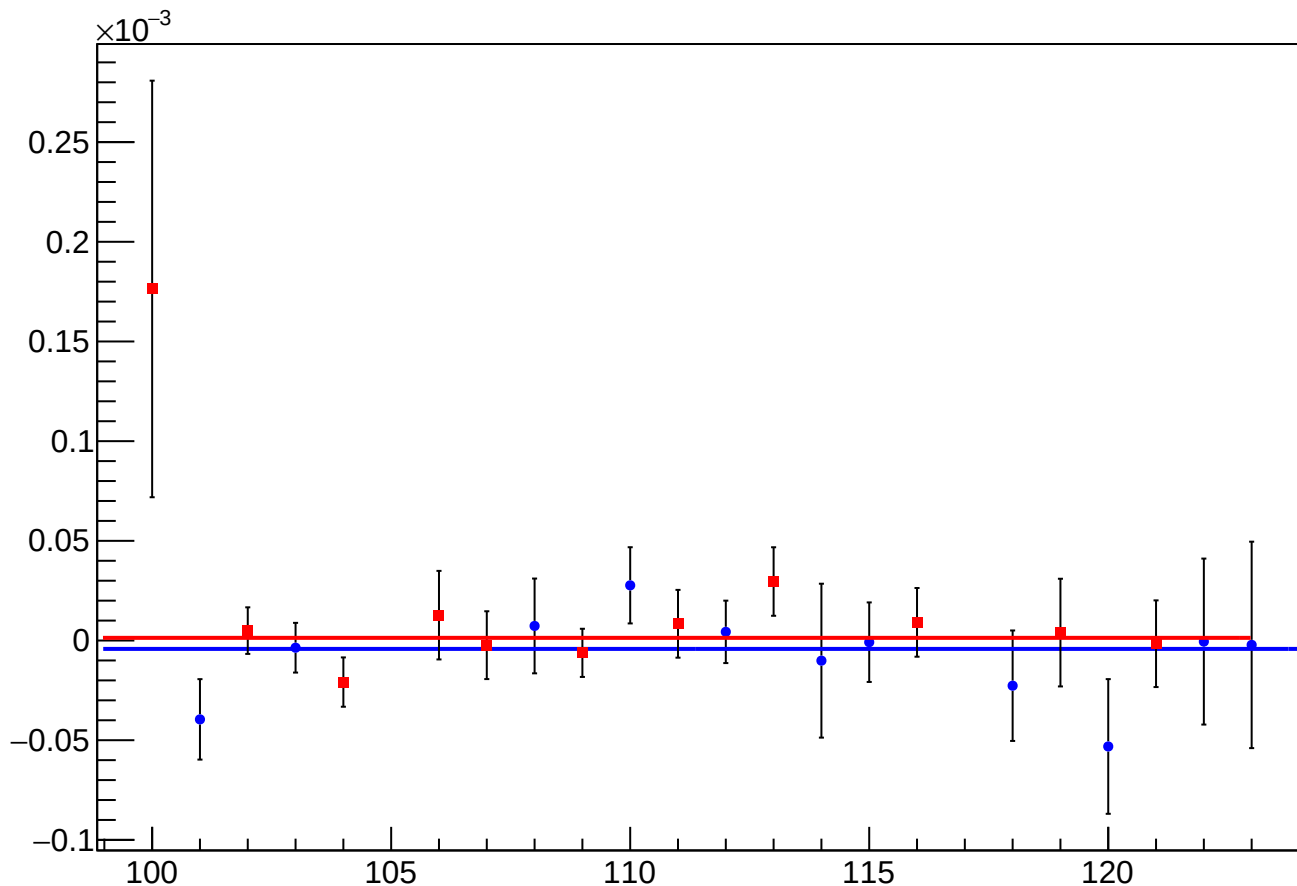
Right: 182.762+/-0.051 χ^2/NDF : 3022336.9/21

In: 186.789+/-0.072 χ^2/NDF : 1226195.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.762+/-0.051 χ^2/NDF : 3022336.9/21

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.0/10

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

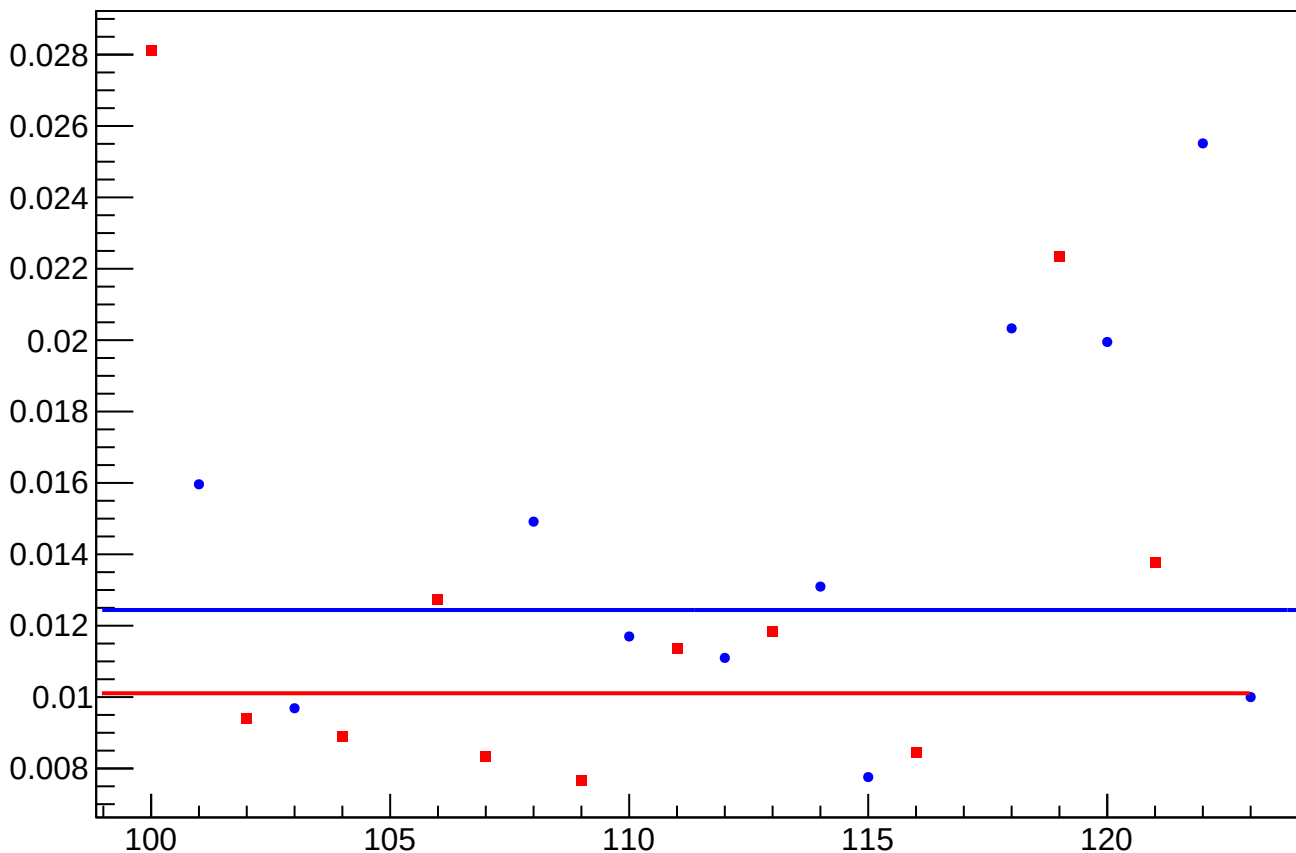
Right: -0.000+/-0.000 χ^2/NDF : 19.4/21

In: -0.000+/-0.000 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/21

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 771256.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 733613.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

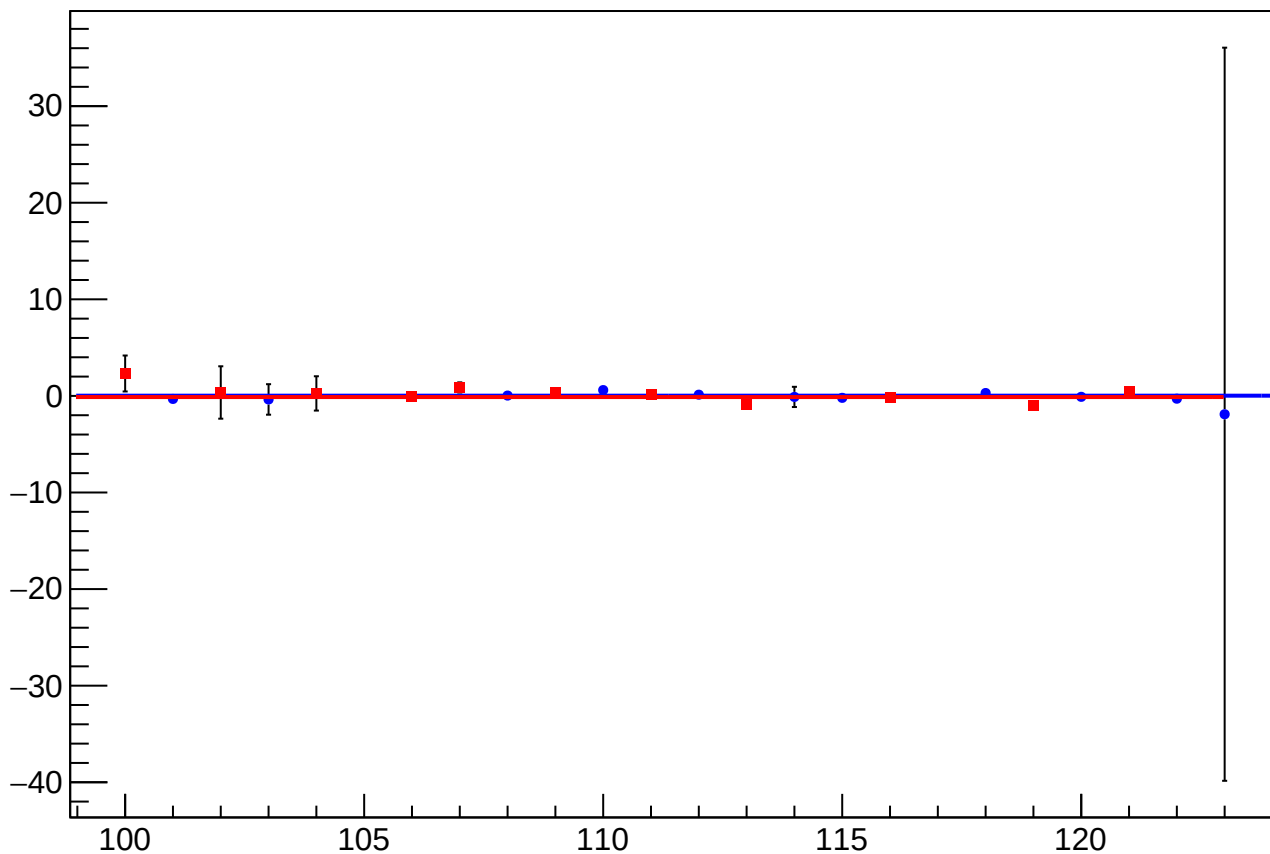
Right: 0.011+/-0.000 χ^2/NDF : 1667158.1/21

In: 0.012+/-0.000 χ^2/NDF :771256.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1667158.1/21

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.119+/-0.100 χ^2/NDF : 34.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

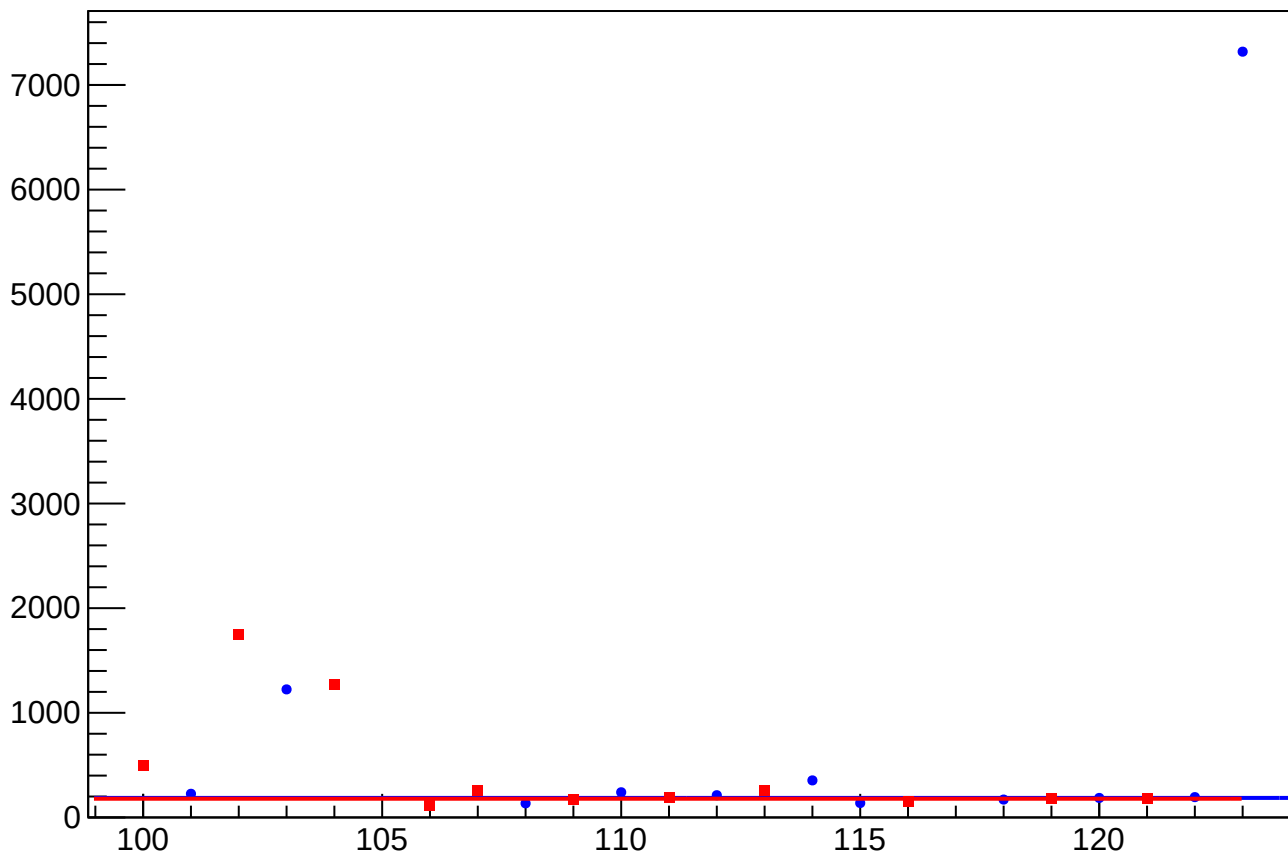
Right: -0.049+/-0.071 χ^2/NDF : 41.5/21

In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.071 χ^2/NDF : 41.5/21

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.788+/-0.072 χ^2/NDF : 1226204.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.930+/-0.071 χ^2/NDF : 1790124.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

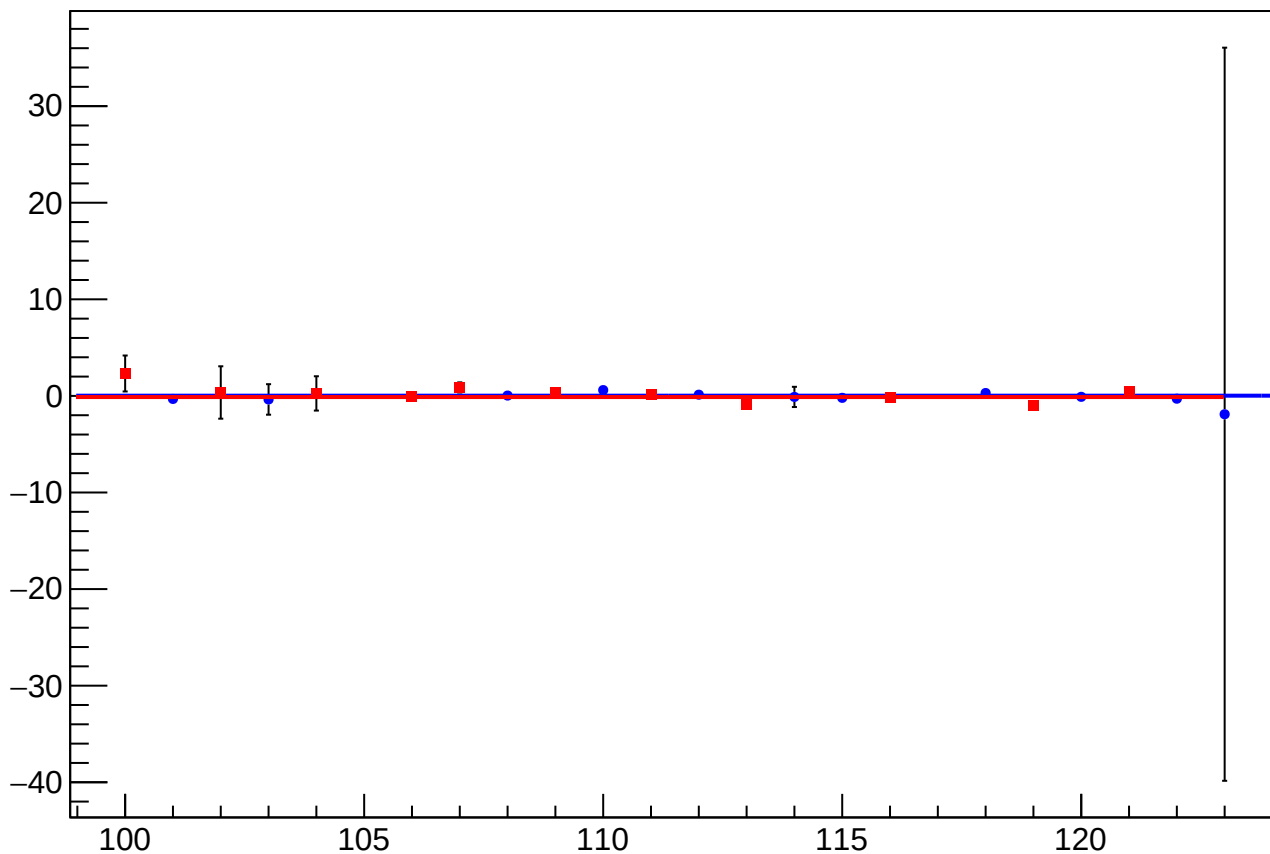
Right: 182.761+/-0.051 χ^2/NDF : 3022367.3/21

In: 186.788+/-0.072 χ^2/NDF : 1226204.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.761+/-0.051 χ^2/NDF : 3022367.3/21

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.119+/-0.100 χ^2/NDF : 34.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

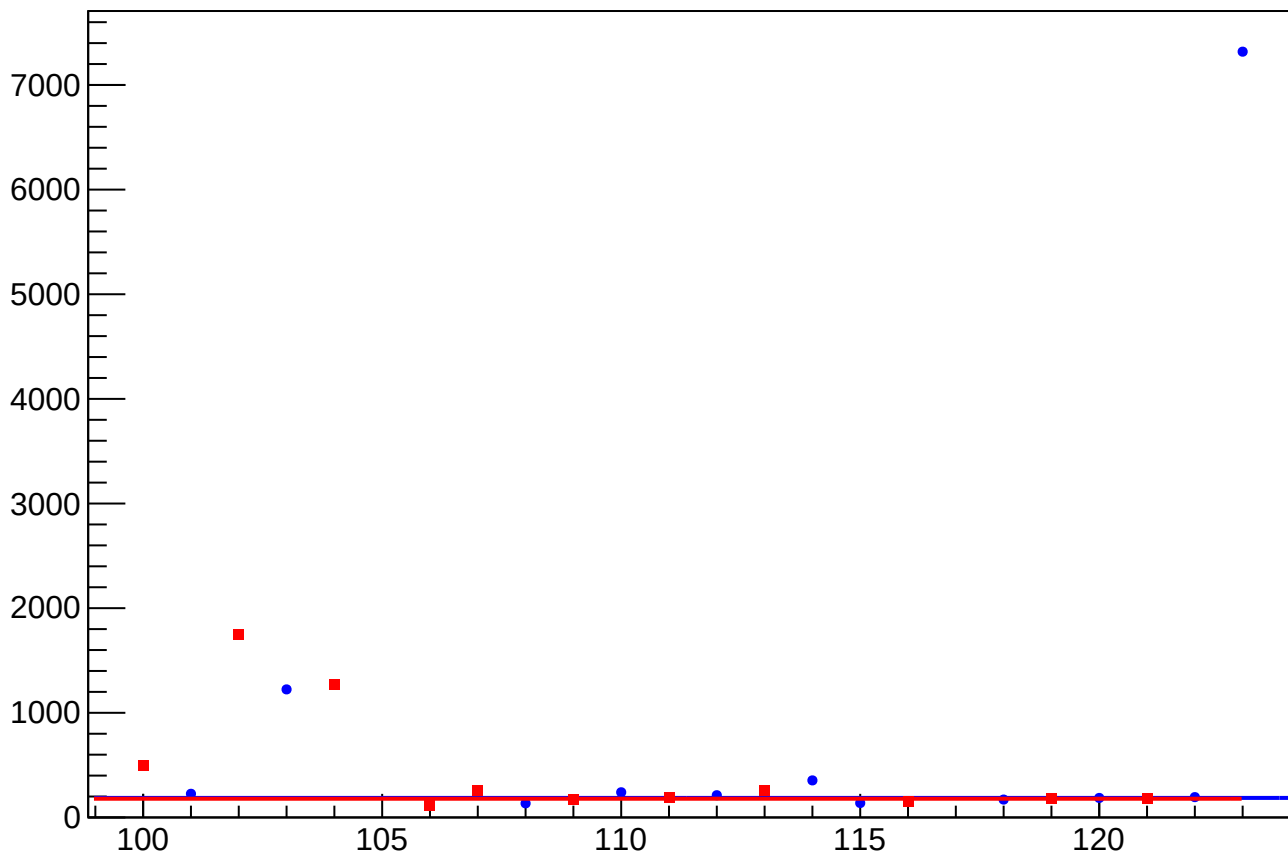
Right: -0.049+/-0.071 χ^2/NDF : 41.5/21

In: 0.023+/-0.102 χ^2/NDF : 6.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.071 χ^2/NDF : 41.5/21

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.788+/-0.072 χ^2/NDF : 1226204.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.930+/-0.071 χ^2/NDF : 1790124.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

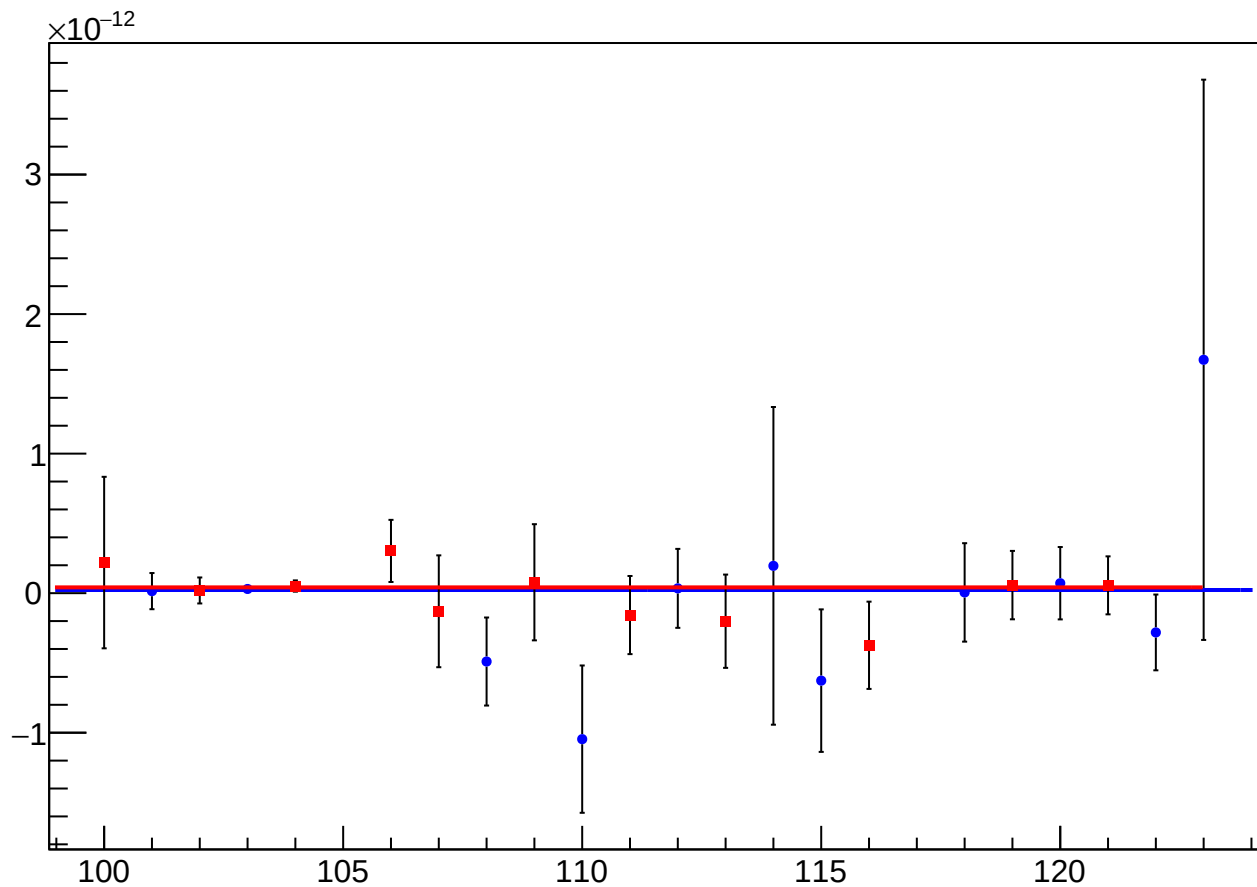
Right: 182.761+/-0.051 χ^2/NDF : 3022367.3/21

In: 186.788+/-0.072 χ^2/NDF : 1226204.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.761+/-0.051 χ^2/NDF : 3022367.3/21

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

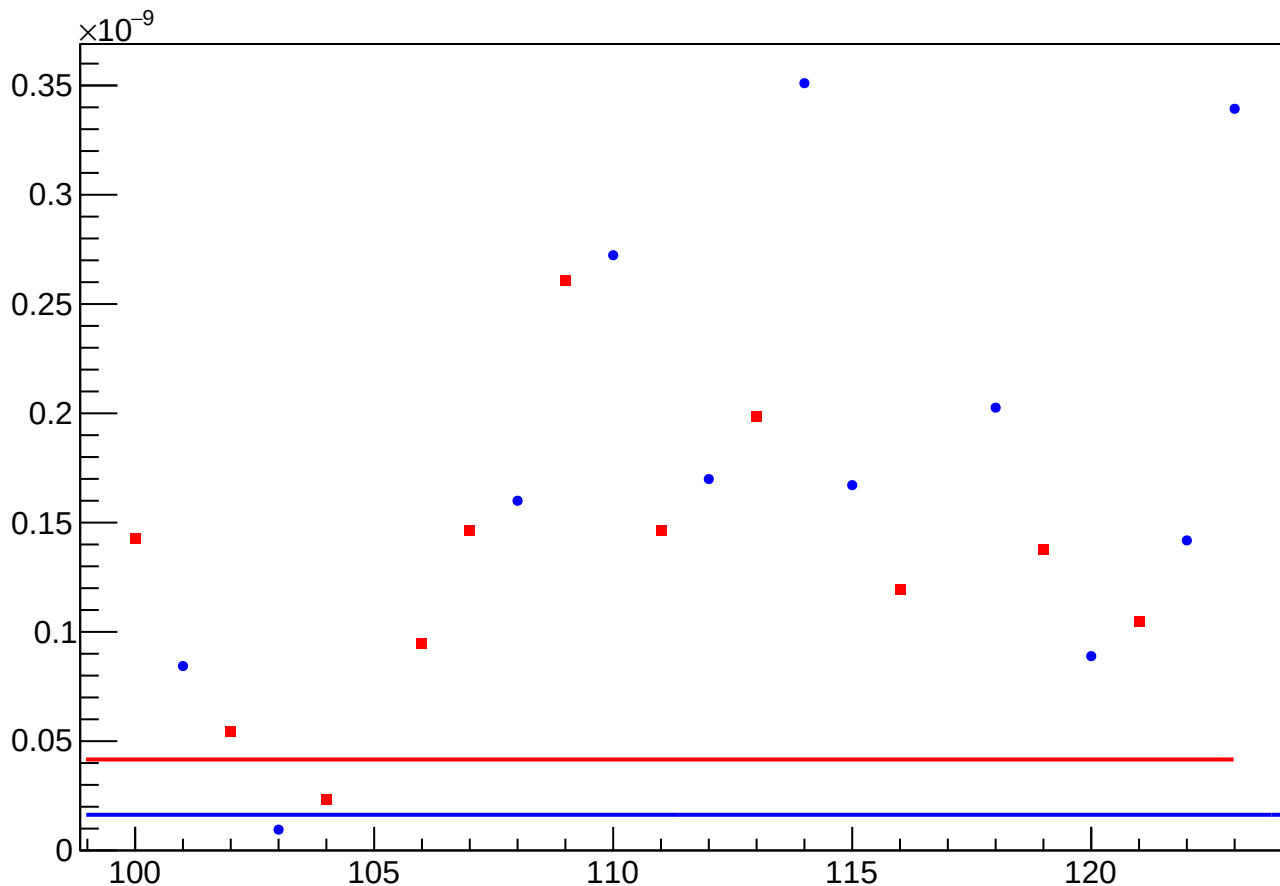
Right: 0.000+/-0.000 χ^2/NDF : 15.2/21

In: 0.000+/-0.000 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.2/21

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3751484.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2652379.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

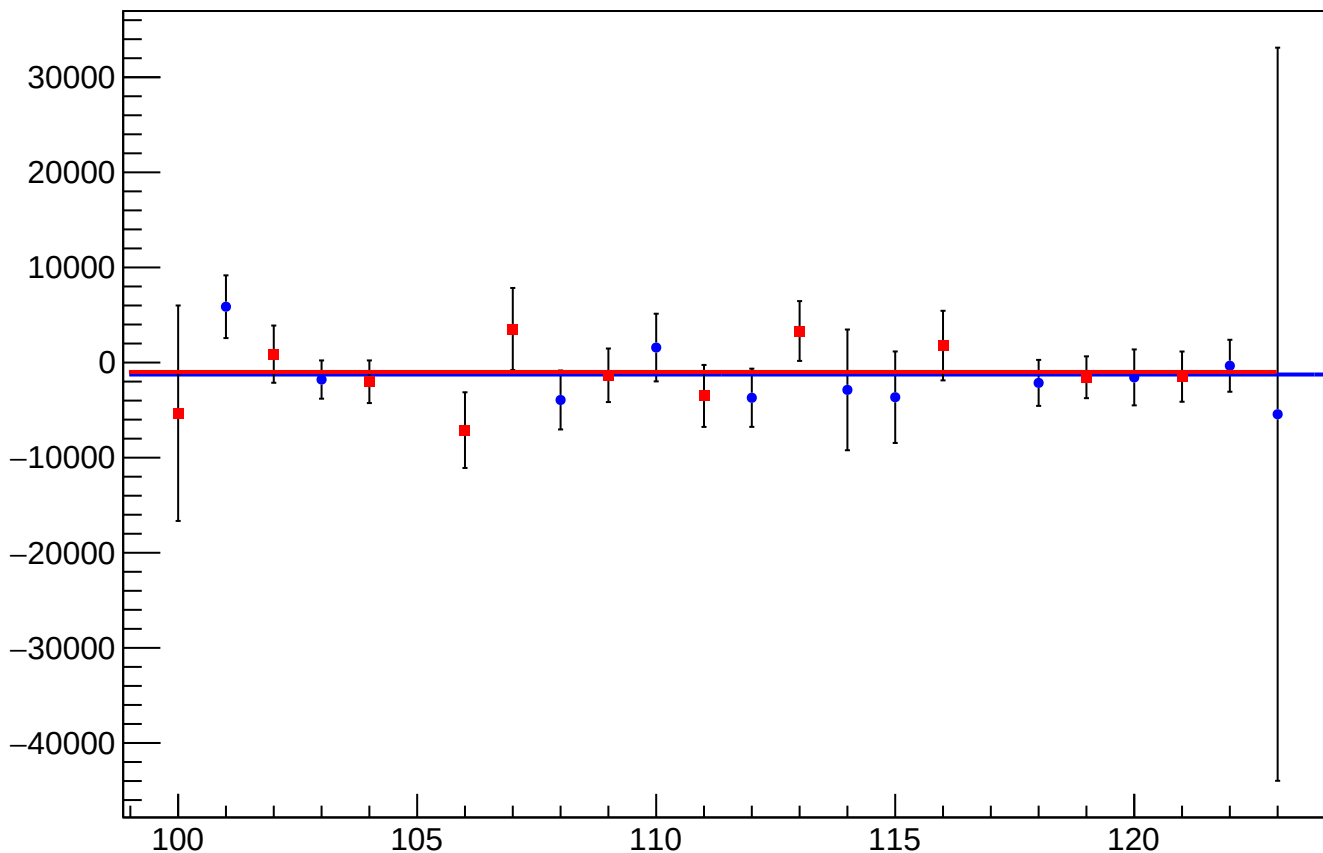
Right: 0.000+/-0.000 χ^2/NDF : 7171722.0/21

In: 0.000+/-0.000 χ^2/NDF : 3751484.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7171722.0/21

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1257.522+/-945.547 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -988.268+/-920.295 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

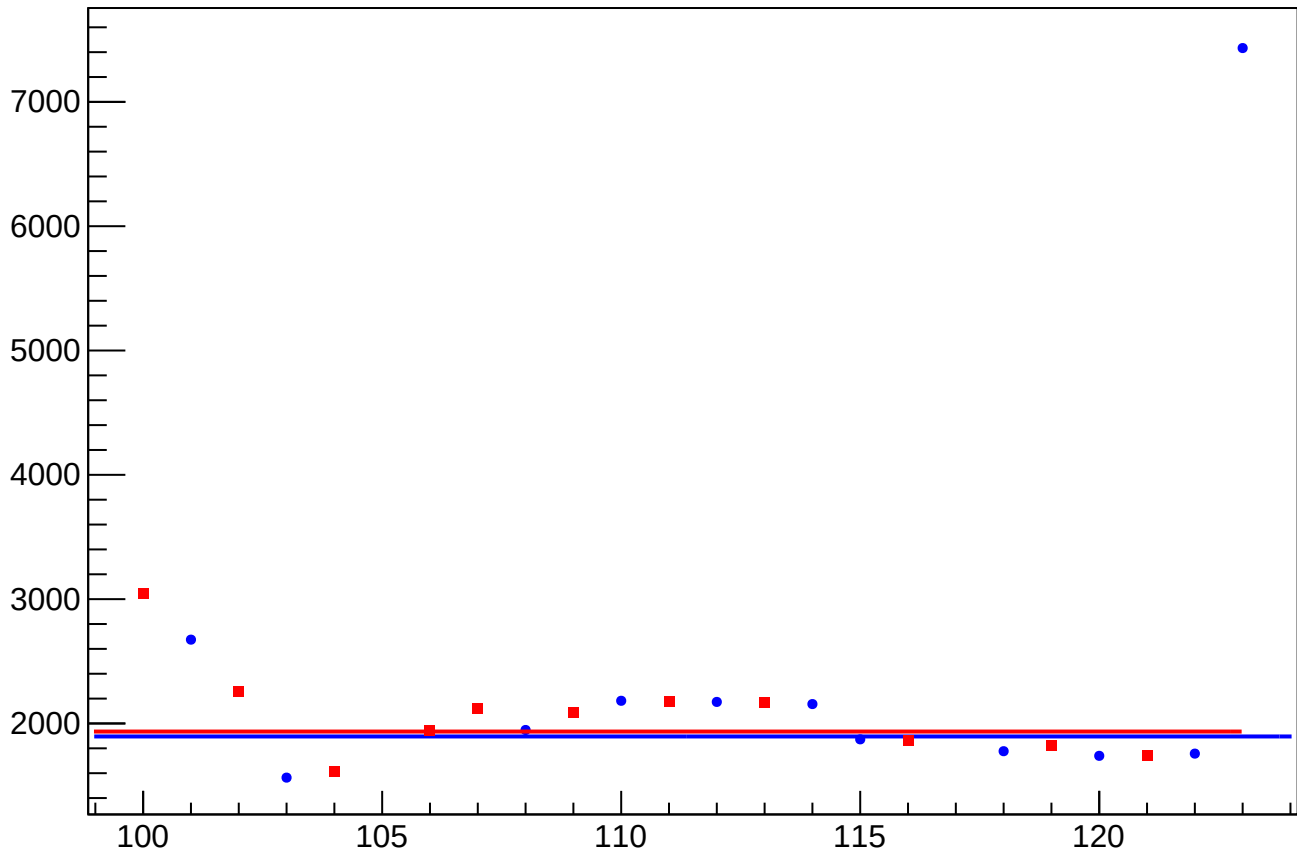
Right: -1119.252+/-659.494 χ^2/NDF : 14.7/21

In: -1257.522+/-945.547 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1119.252+/-659.494 χ^2/NDF : 14.7/21

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1895.433+/-0.669 χ^2/NDF : 256001.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1935.004+/-0.648 χ^2/NDF : 132561.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

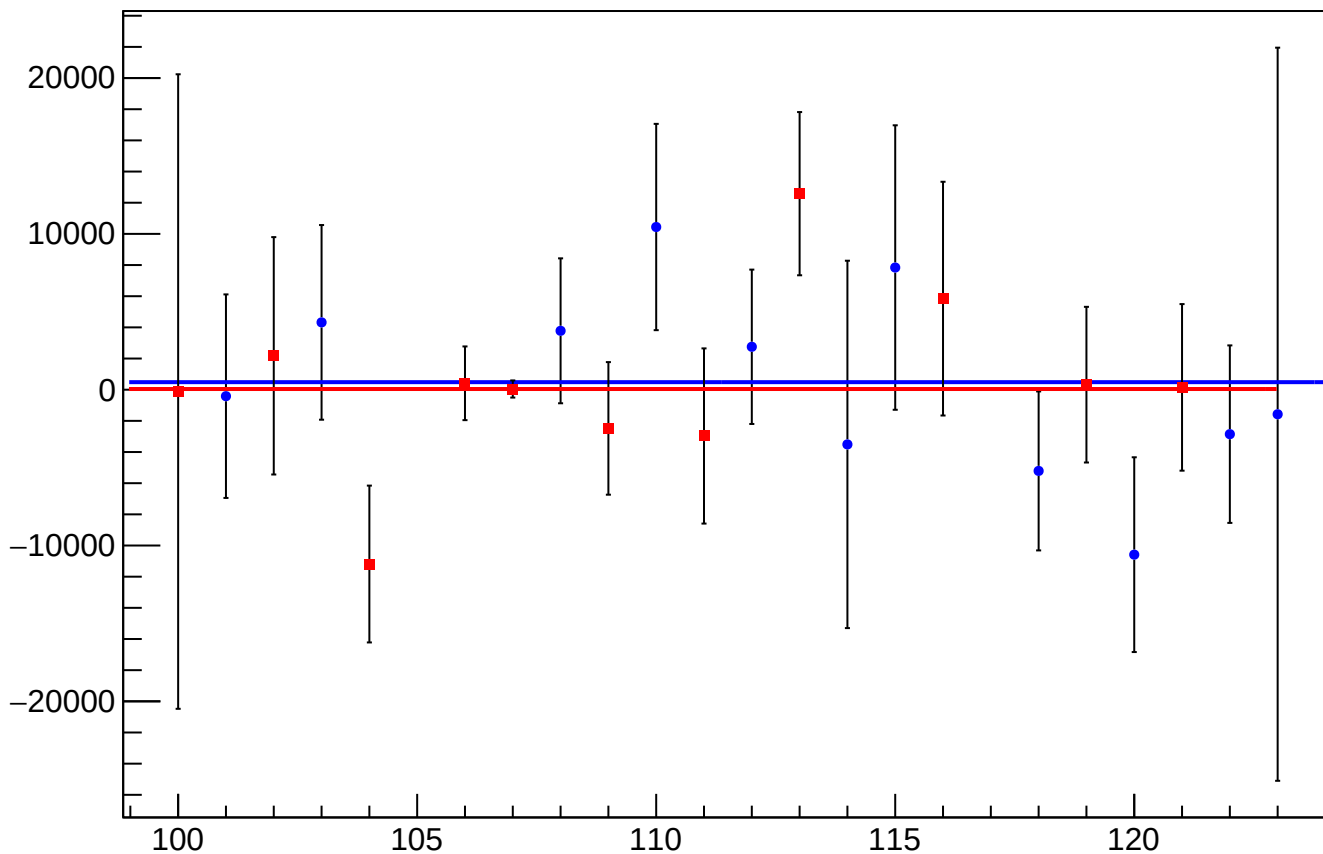
Right: 1915.831+/-0.465 χ^2/NDF : 390369.3/21

In: 1895.433+/-0.669 χ^2/NDF : 256001.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1915.831+/-0.465 χ^2/NDF : 390369.3/21

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 483.808 $\pm$ 1907.854 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.219 $\pm$ 516.049 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

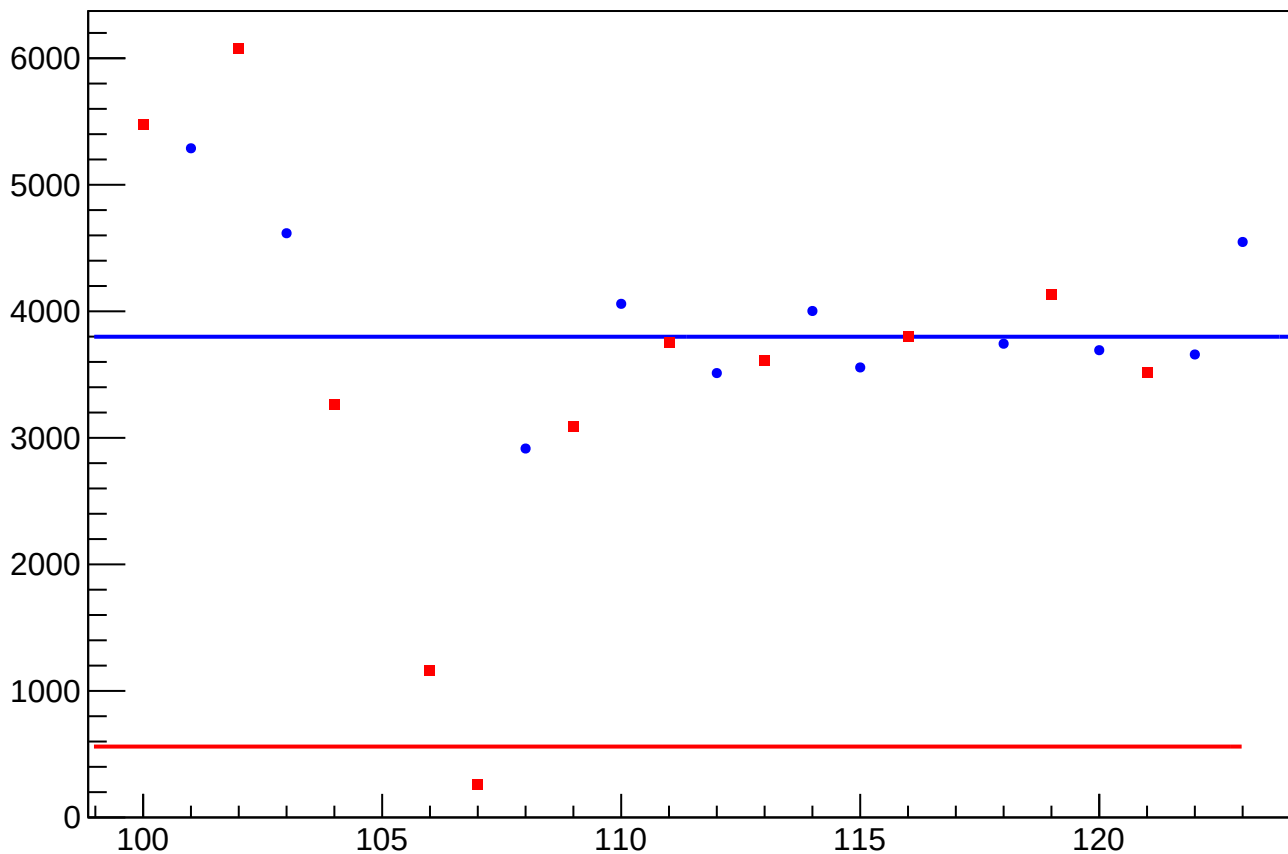
Right: 74.188 $\pm$ 498.148 χ^2 /NDF: 21.0/21

In: 483.808 $\pm$ 1907.854 χ^2 /NDF: 8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.188 $\pm$ 498.148 χ^2 /NDF: 21.0/21

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3799.126+/-1.349 χ^2/NDF : 226336.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.229+/-0.365 χ^2/NDF : 648585.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

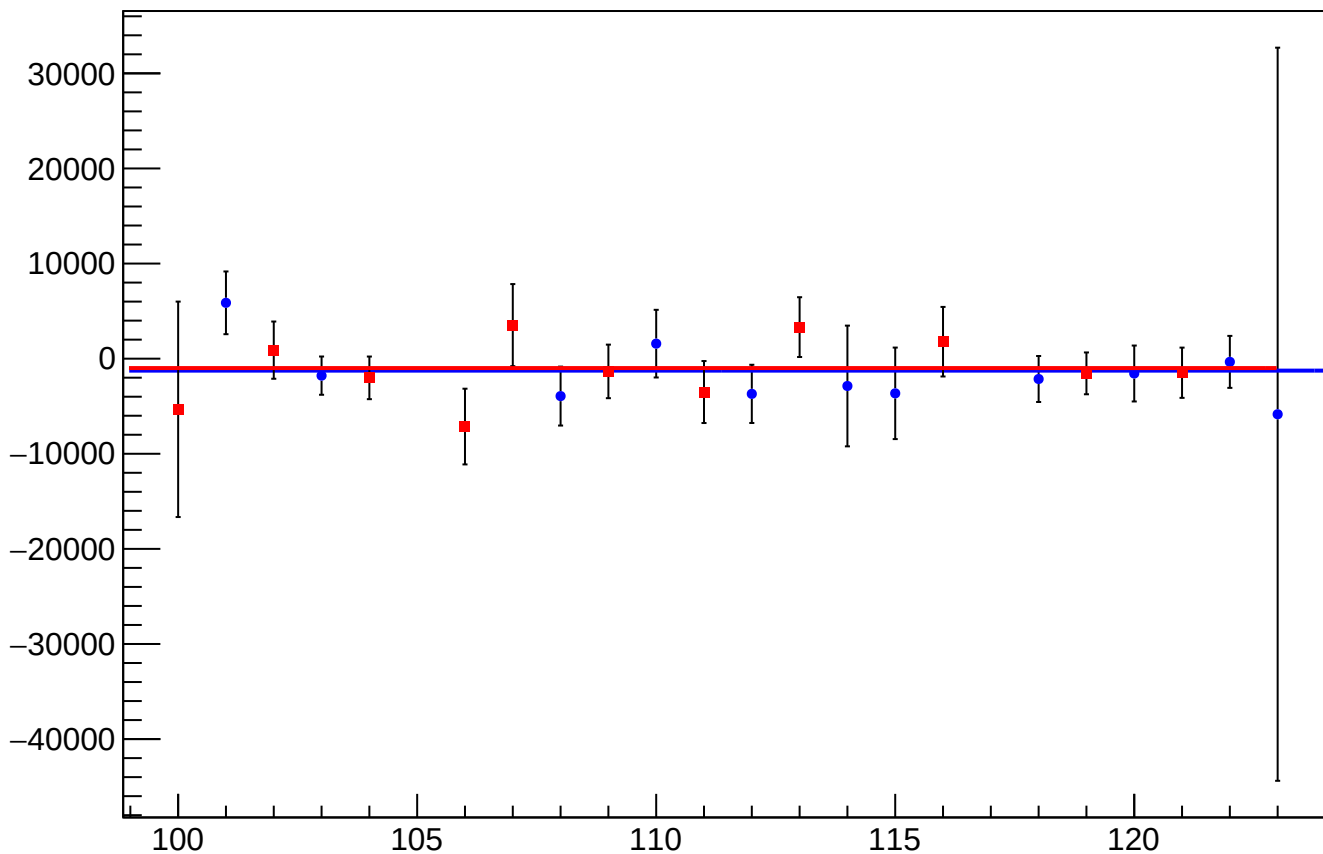
Right: 781.041+/-0.352 χ^2/NDF : 12083086.1/21

In: 3799.126+/-1.349 χ^2/NDF : 226336.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.041+/-0.352 χ^2/NDF : 12083086.1/21

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1257.044+/-945.547 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -988.920+/-920.299 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

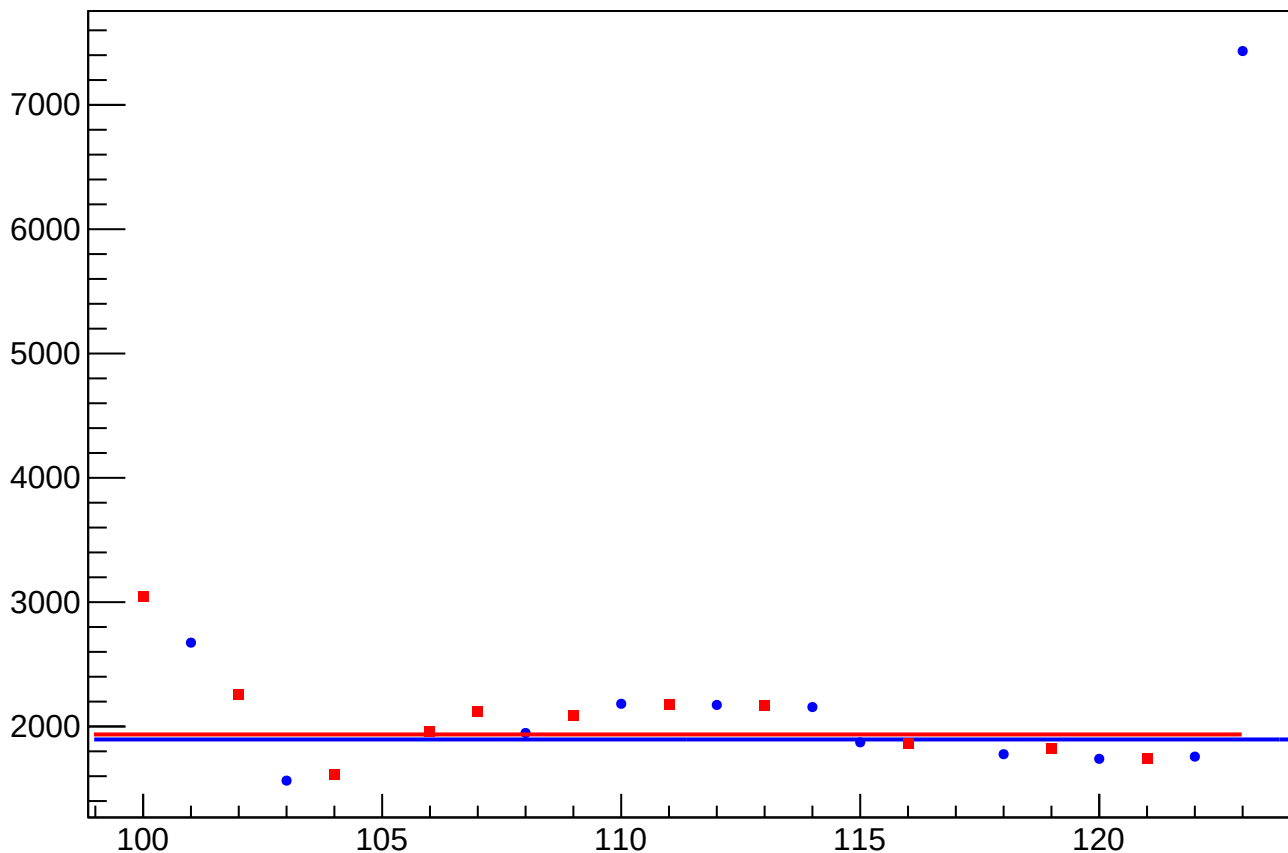
Right: -1119.355+/-659.495 χ^2/NDF : 14.8/21

In: -1257.044+/-945.547 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1119.355+/-659.495 χ^2/NDF : 14.8/21

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1895.433+/-0.669 χ^2/NDF : 256001.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1935.815+/-0.648 χ^2/NDF : 132622.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

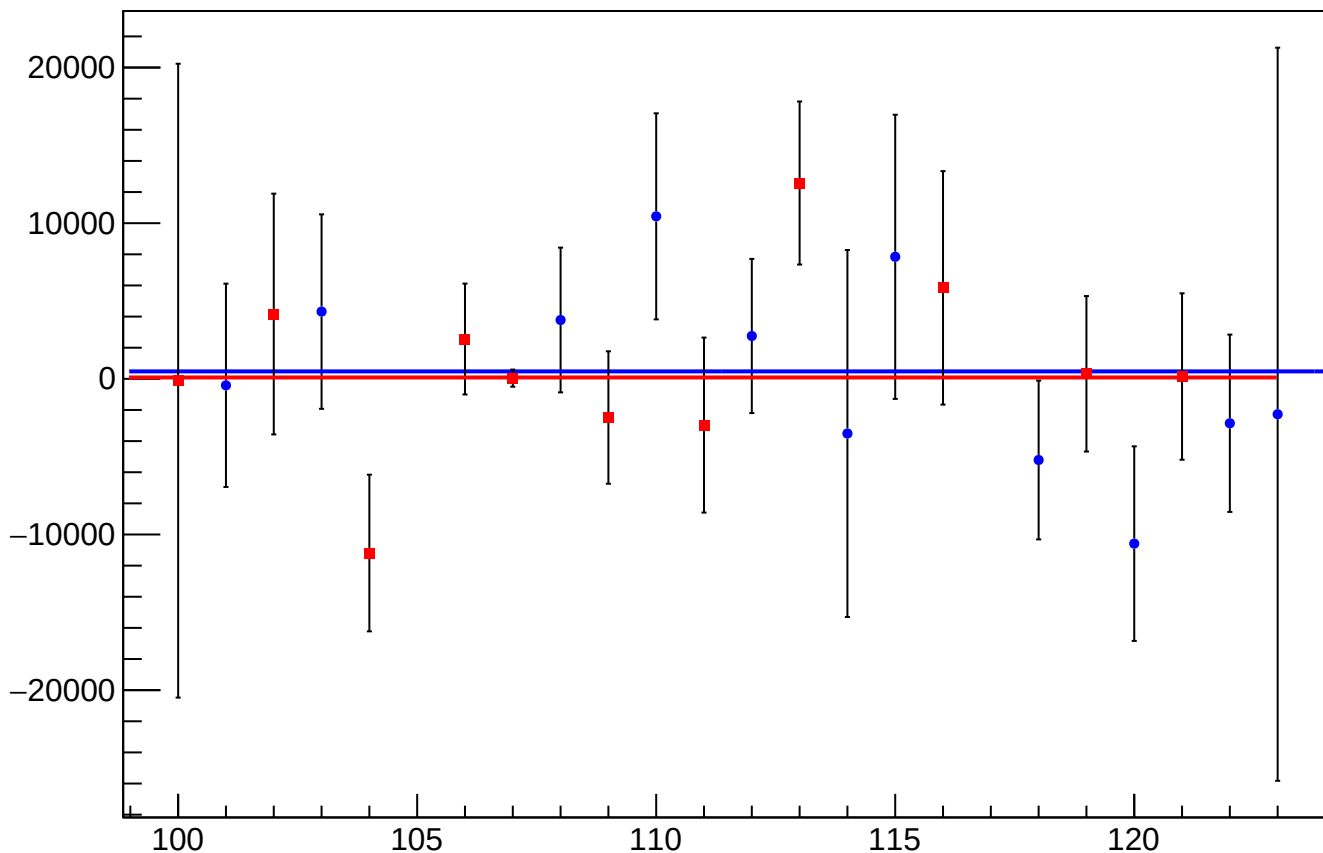
Right: 1916.242+/-0.465 χ^2/NDF : 390502.8/21

In: 1895.433+/-0.669 χ^2/NDF :256001.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1916.242+/-0.465 χ^2/NDF : 390502.8/21

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 479.136 $\pm$ 1907.880 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.682 $\pm$ 523.059 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

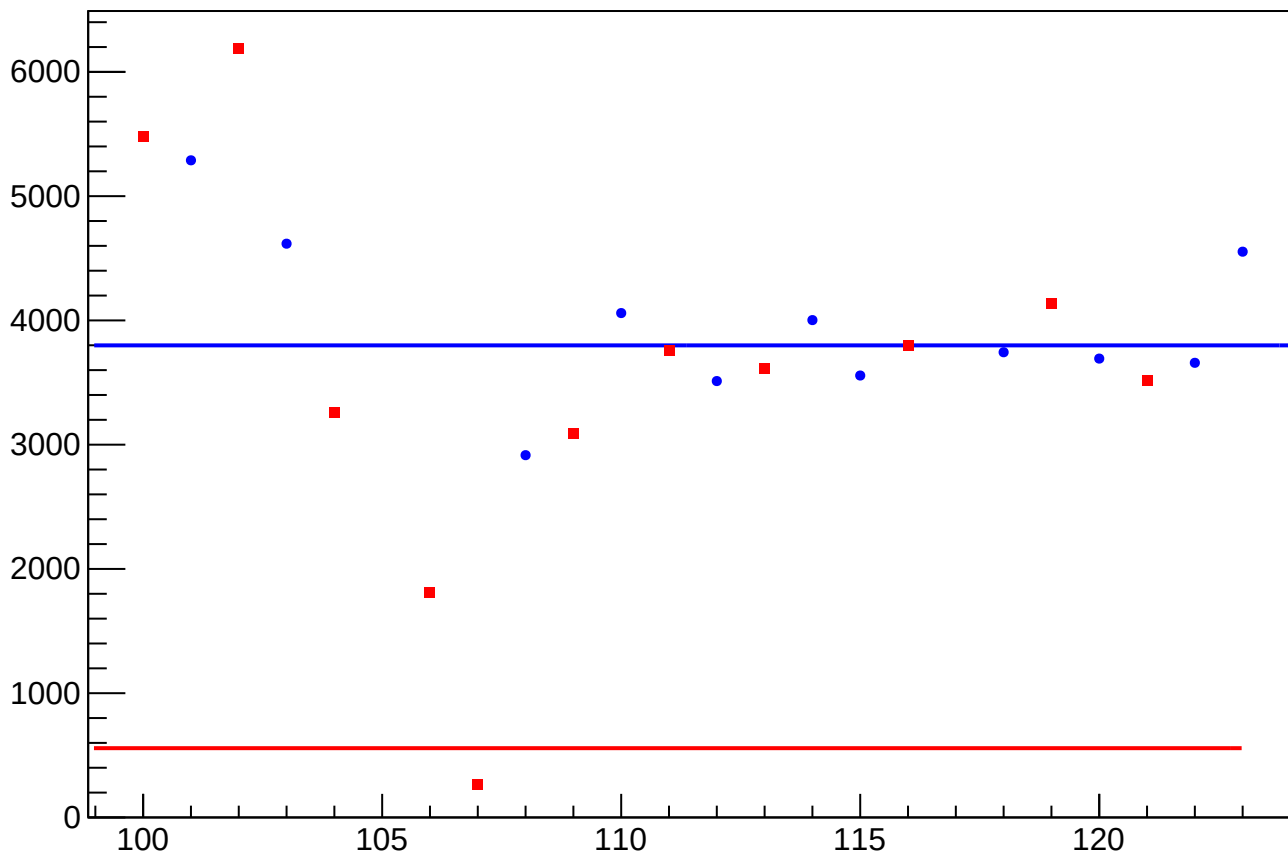
Right: 115.978 $\pm$ 504.445 χ^2 /NDF: 21.6/21

In: 479.136 $\pm$ 1907.880 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.978 $\pm$ 504.445 χ^2 /NDF: 21.6/21

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3799.164+/-1.349 χ^2/NDF : 226382.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.574+/-0.370 χ^2/NDF : 6613916.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

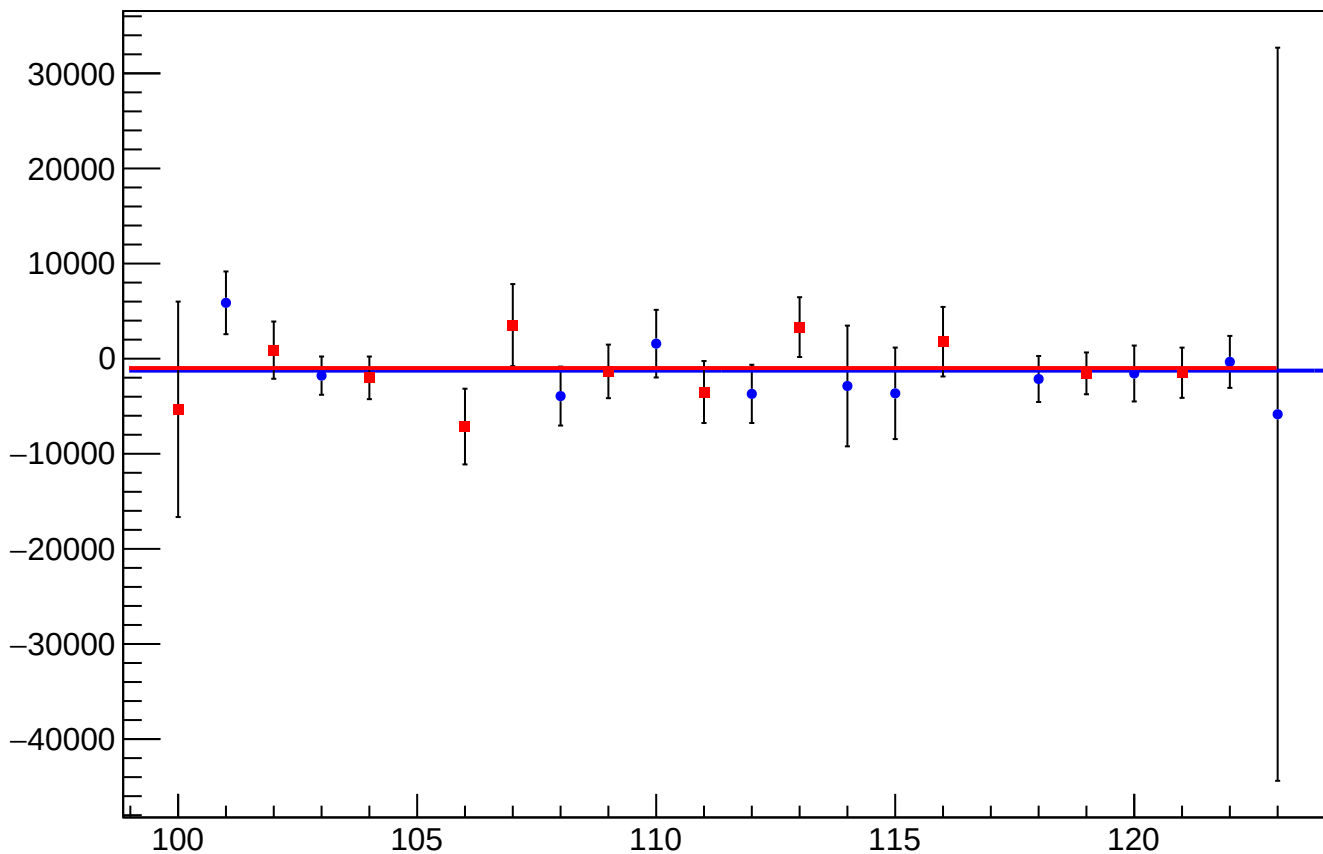
Right: 784.187+/-0.357 χ^2/NDF : 12210247.0/21

In: 3799.164+/-1.349 χ^2/NDF : 226382.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.187+/-0.357 χ^2/NDF : 12210247.0/21

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1257.044+/-945.547 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -988.920+/-920.299 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

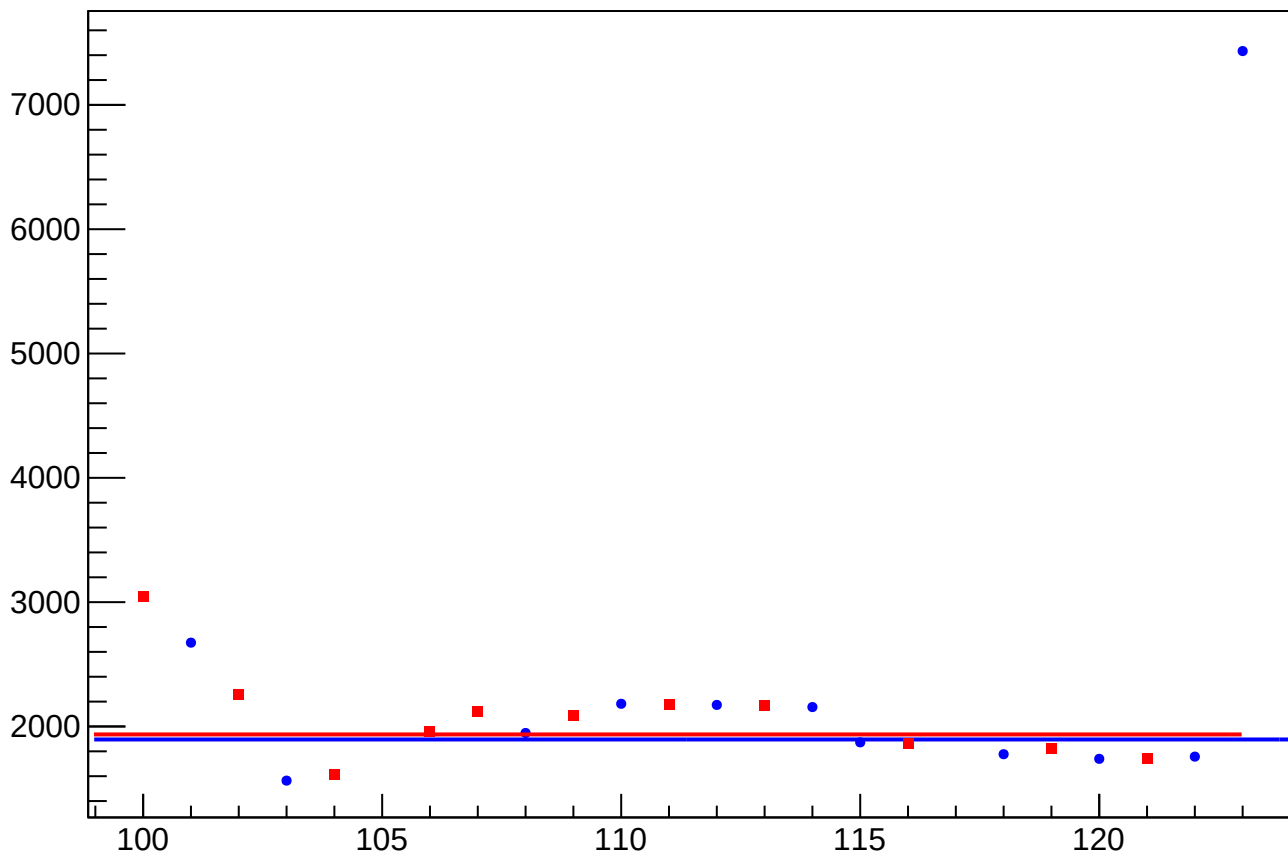
Right: -1119.355+/-659.495 χ^2/NDF : 14.8/21

In: -1257.044+/-945.547 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1119.355+/-659.495 χ^2/NDF : 14.8/21

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1895.433+/-0.669 χ^2/NDF : 256001.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1935.815+/-0.648 χ^2/NDF : 132622.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

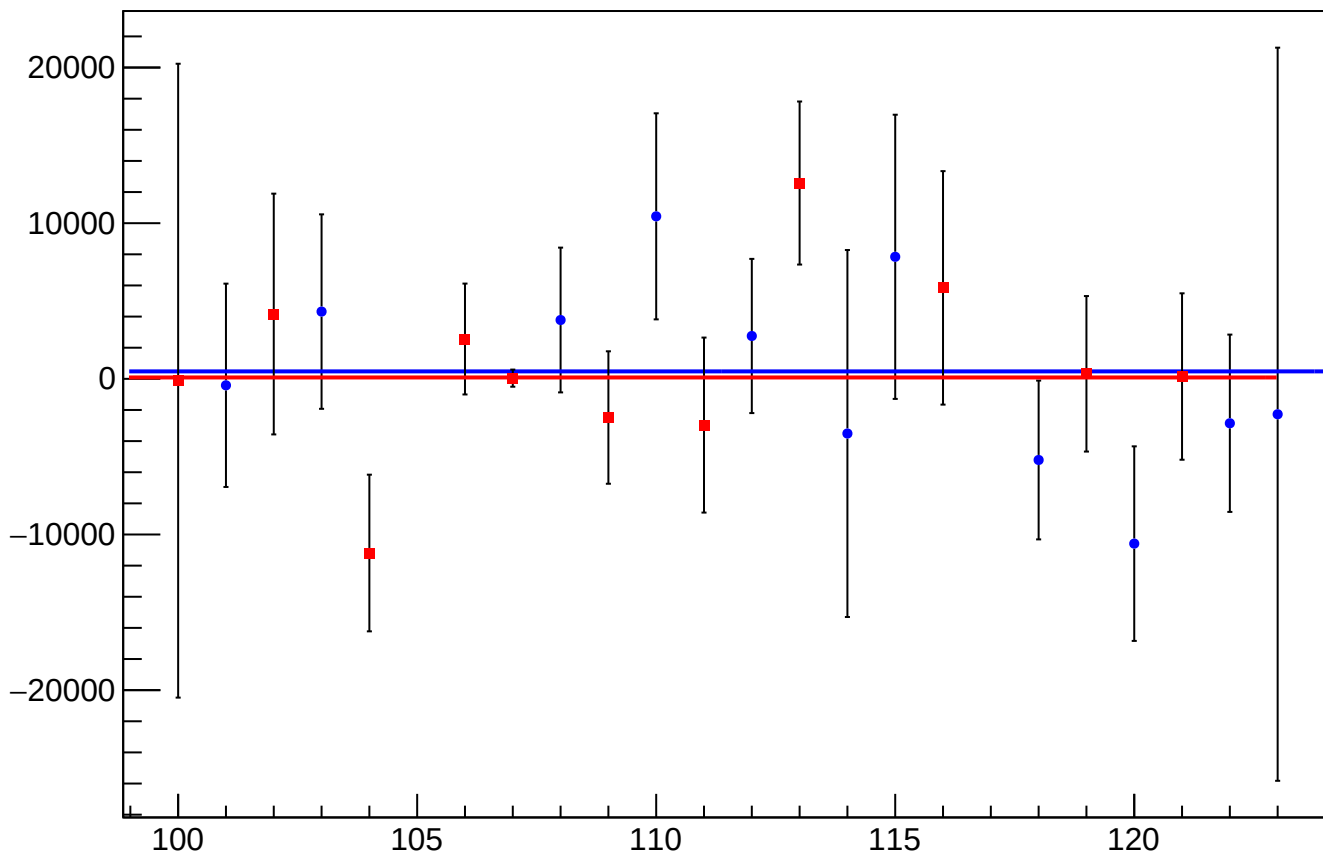
Right: 1916.242+/-0.465 χ^2/NDF : 390502.8/21

In: 1895.433+/-0.669 χ^2/NDF : 256001.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.242+/-0.465 χ^2/NDF : 390502.8/21

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 479.136 $\pm$ 1907.880 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.682 $\pm$ 523.059 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

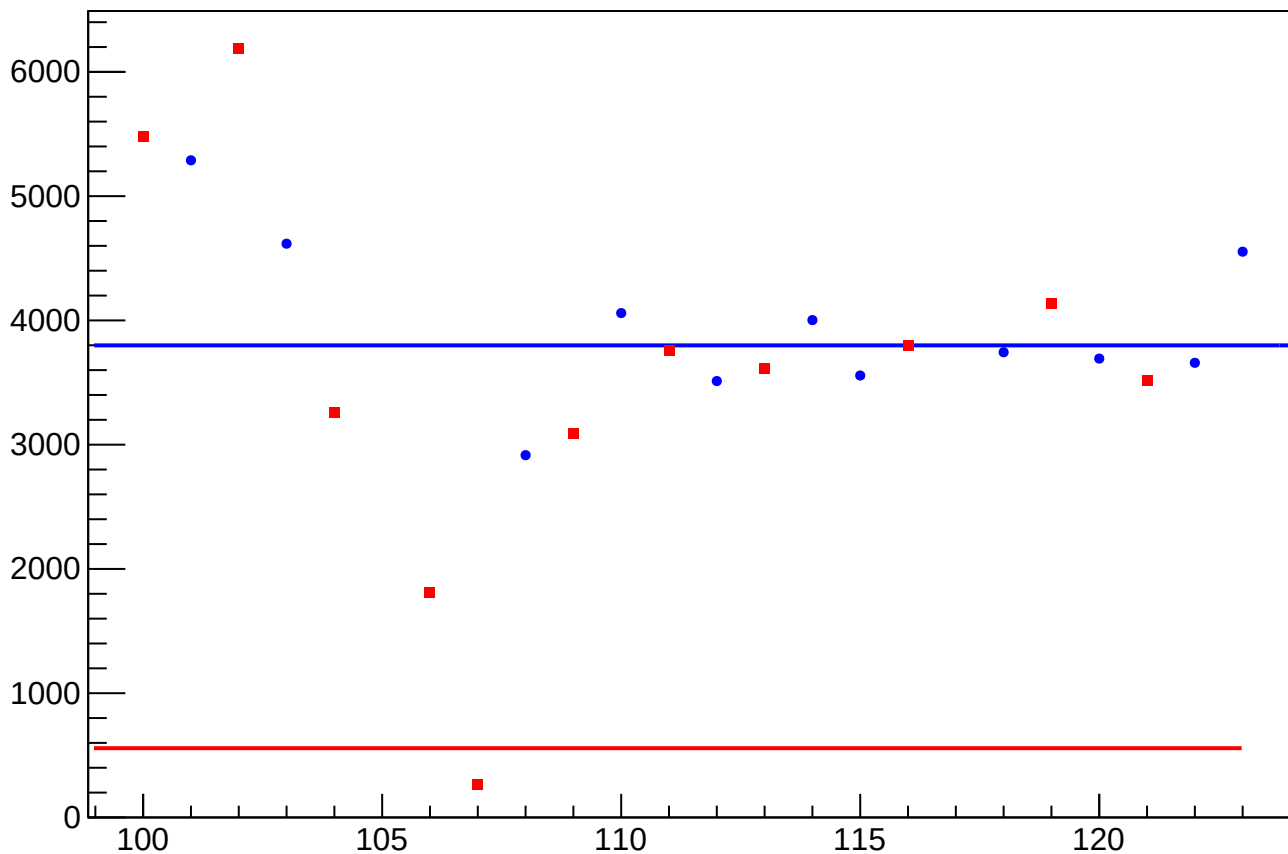
Right: 115.978 $\pm$ 504.445 χ^2 /NDF: 21.6/21

In: 479.136 $\pm$ 1907.880 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.978 $\pm$ 504.445 χ^2 /NDF: 21.6/21

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3799.164+/-1.349 χ^2/NDF : 226382.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.574+/-0.370 χ^2/NDF : 6613916.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

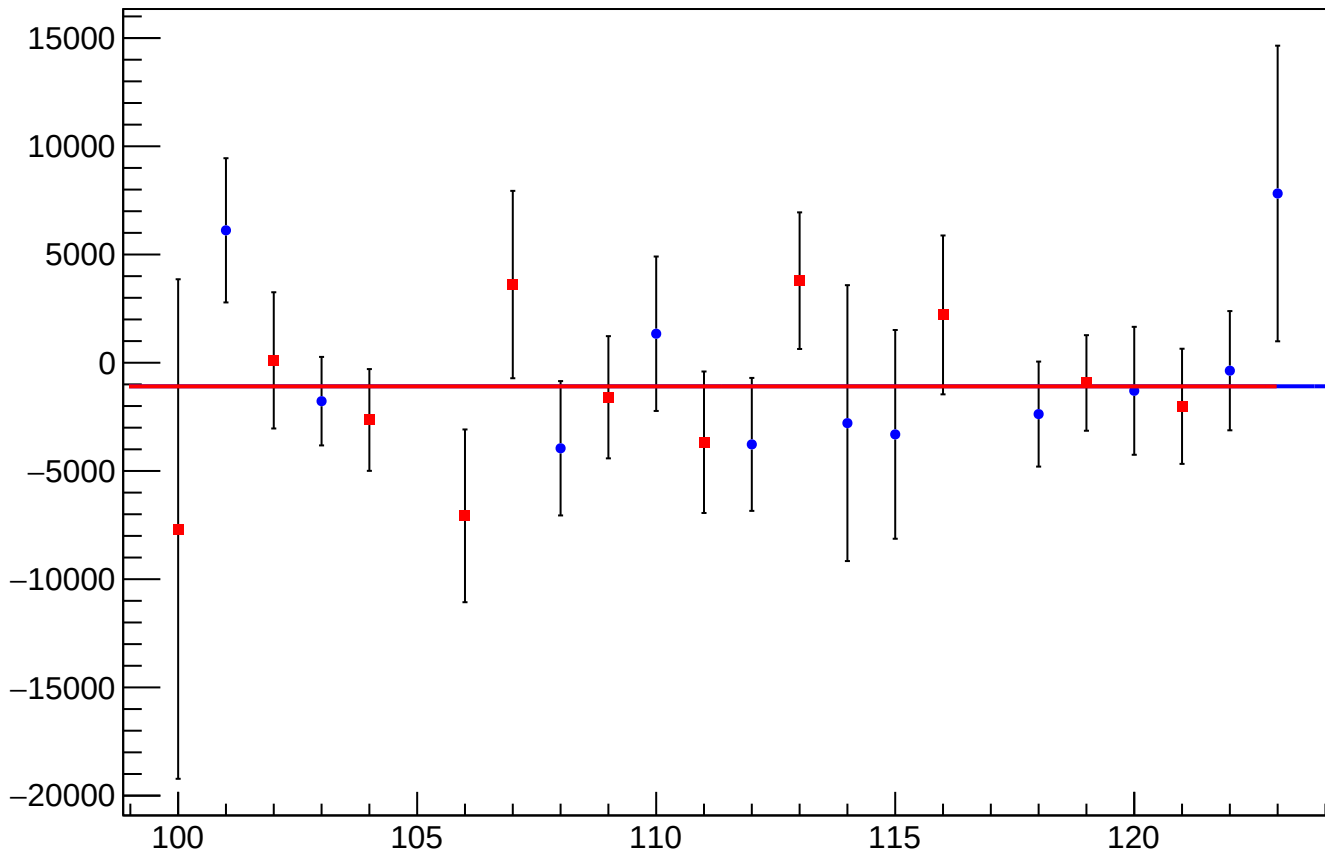
Right: 784.187+/-0.357 χ^2/NDF : 12210247.0/21

In: 3799.164+/-1.349 χ^2/NDF : 226382.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.187+/-0.357 χ^2/NDF : 12210247.0/21

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1087.944+/-943.650 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1092.207+/-934.179 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

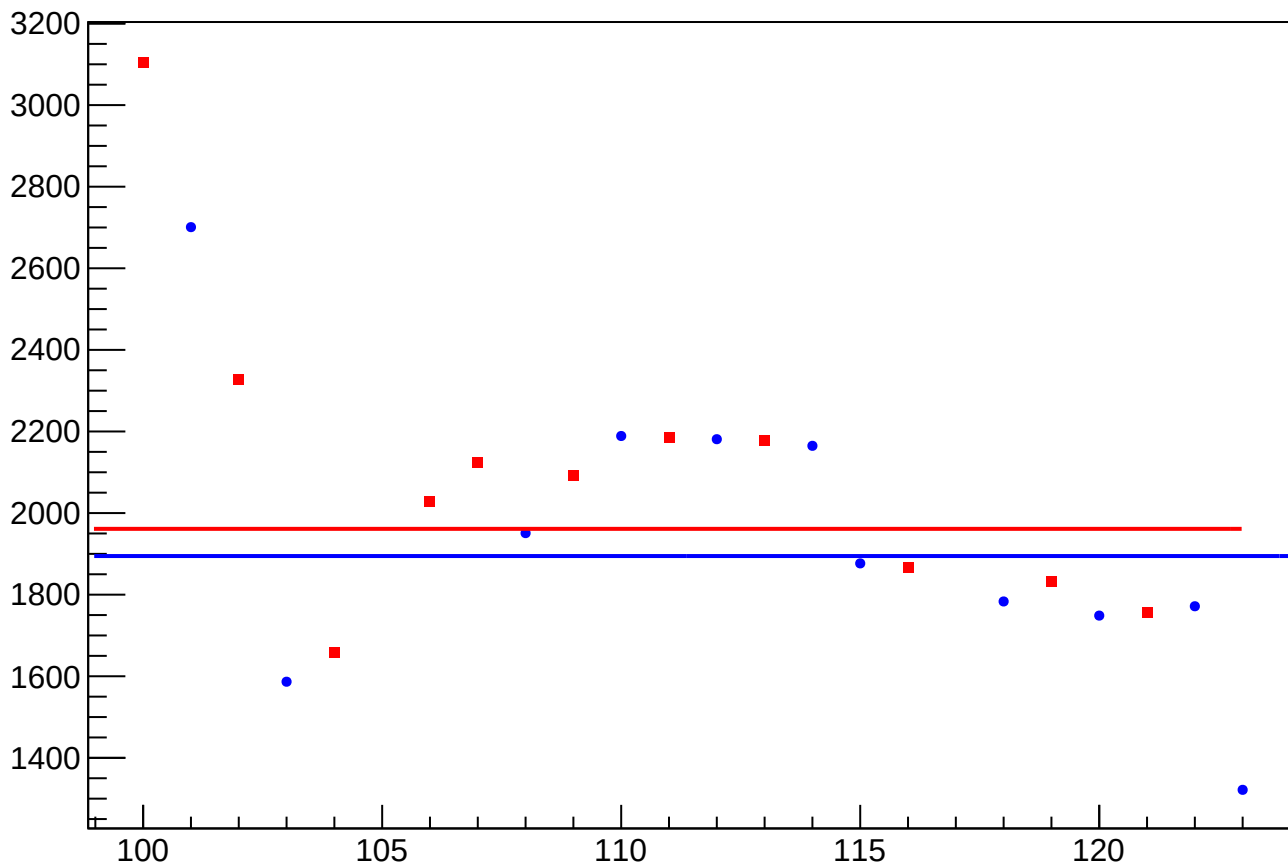
Right: -1090.097+/-663.888 χ^2/NDF : 17.5/21

In: -1087.944+/-943.650 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1090.097+/-663.888 χ^2/NDF : 17.5/21

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1894.672+/-0.667 χ^2/NDF : 224951.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1961.327+/-0.660 χ^2/NDF : 126705.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

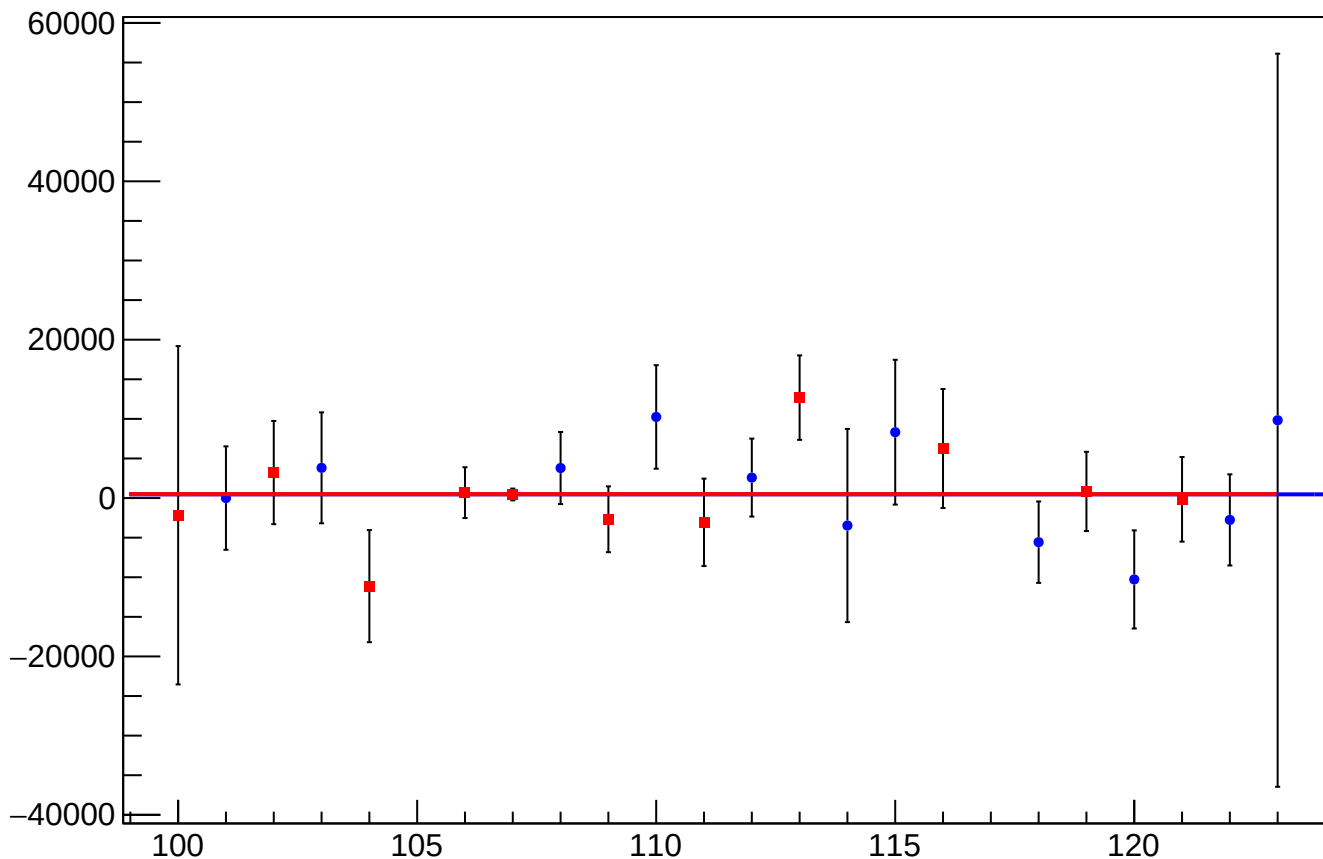
Right: 1928.385+/-0.469 χ^2/NDF : 356704.1/21

In: 1894.672+/-0.667 χ^2/NDF : 224951.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.385+/-0.469 χ^2/NDF : 356704.1/21

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 469.074+/-1924.420 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.203+/-680.483 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

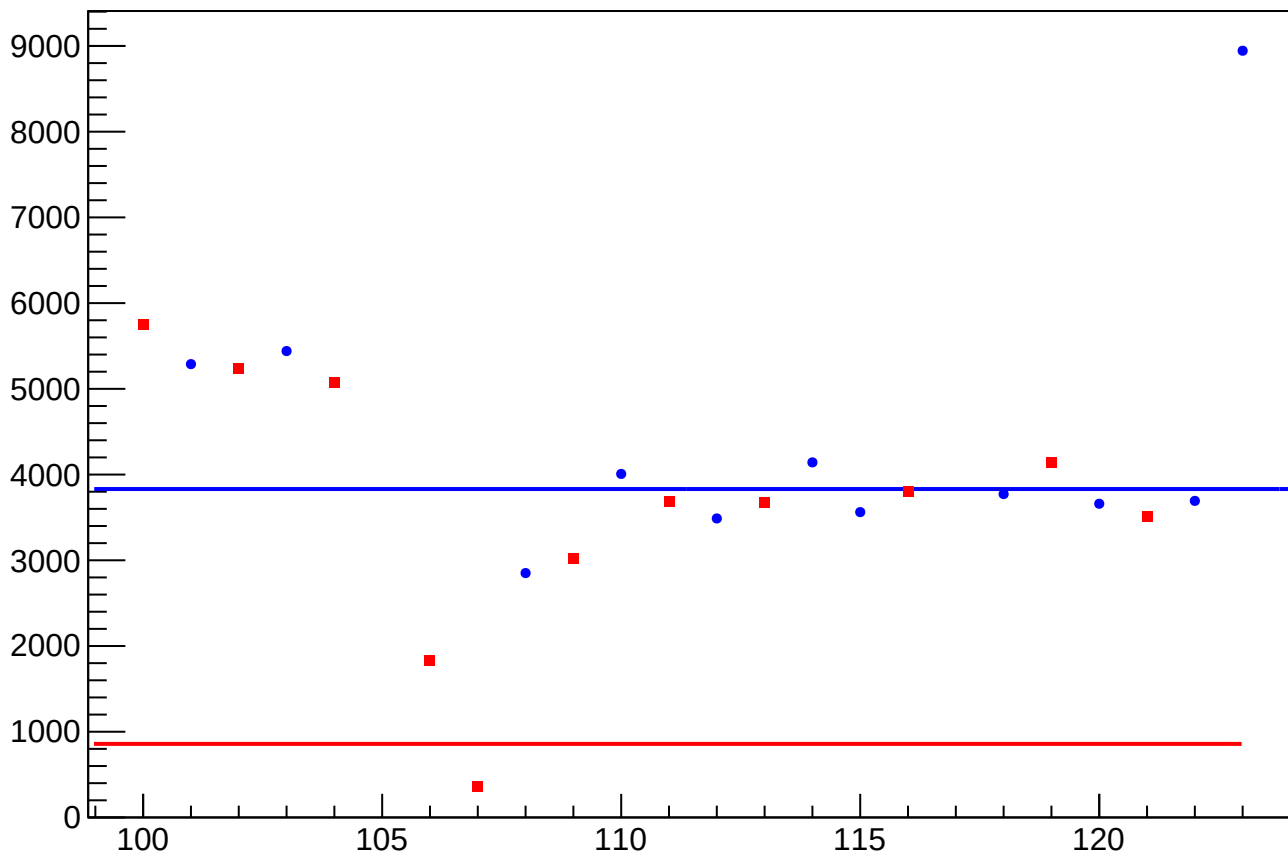
Right: 488.744+/-641.555 χ^2/NDF : 18.5/21

In: 469.074+/-1924.420 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.744+/-641.555 χ^2/NDF : 18.5/21

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3831.255+/-1.361 χ^2/NDF : 339564.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.259+/-0.481 χ^2/NDF : 6056948.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

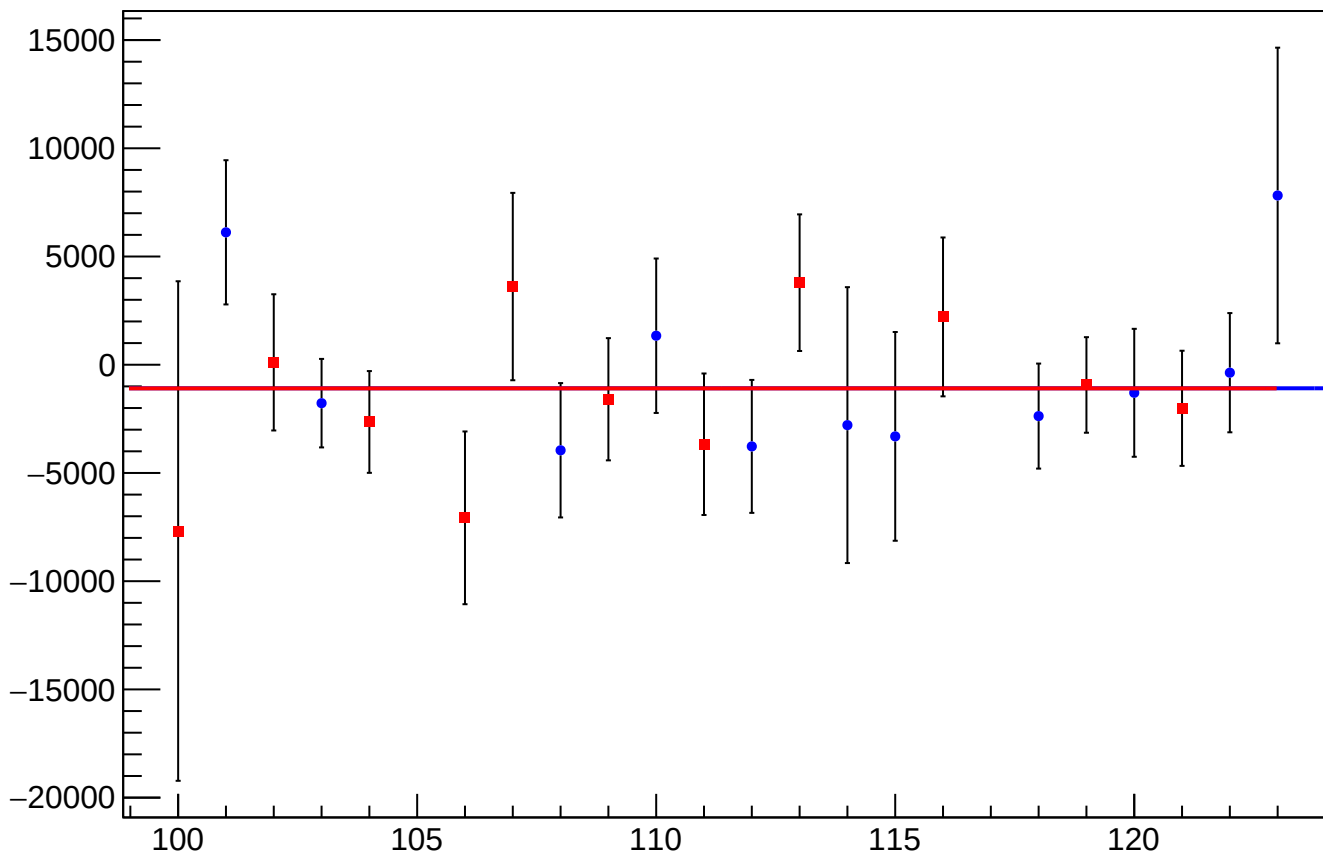
Right: 1188.676+/-0.454 χ^2/NDF : 10639312.7/21

In: 3831.255+/-1.361 χ^2/NDF : 339564.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1188.676+/-0.454 χ^2/NDF : 10639312.7/21

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1087.937+/-943.650 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1092.214+/-934.179 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

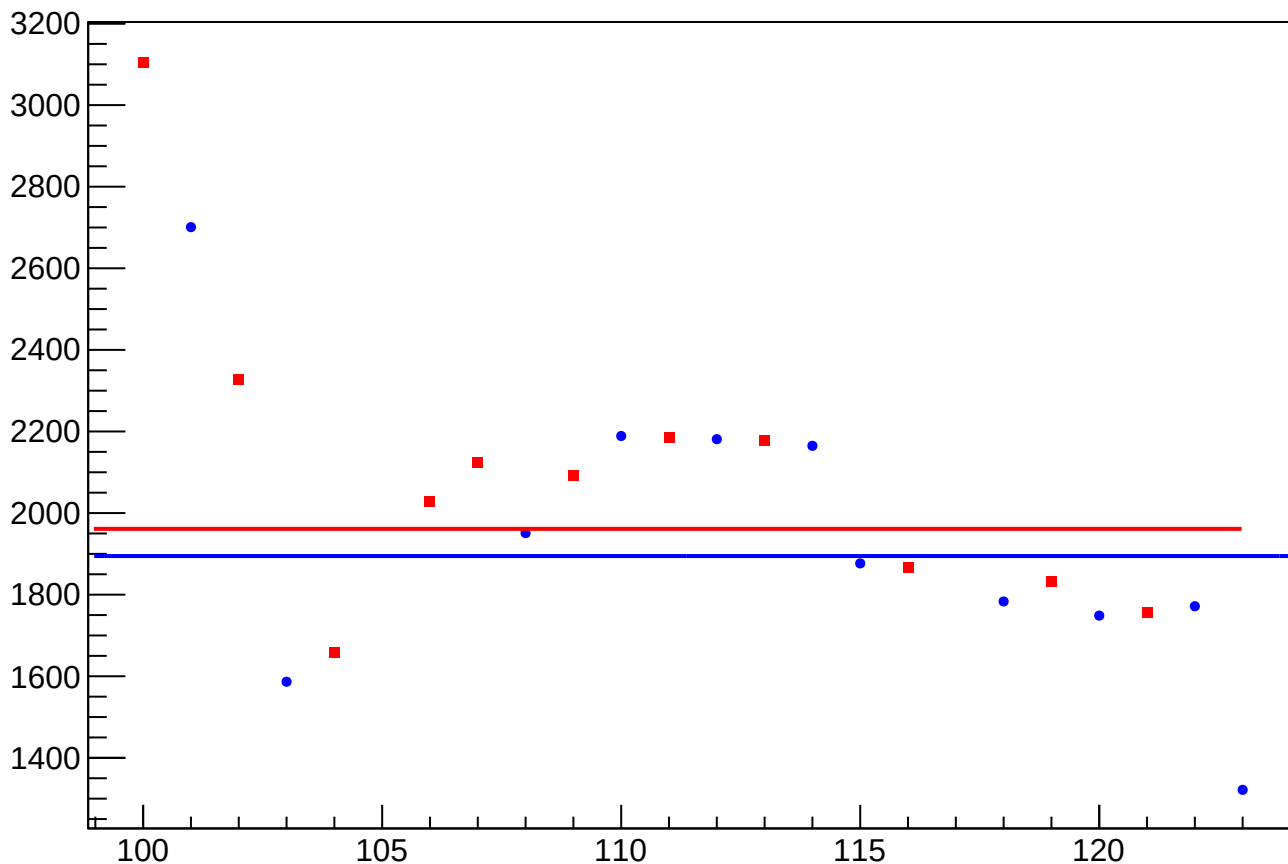
Right: -1090.097+/-663.888 χ^2/NDF : 17.5/21

In: -1087.937+/-943.650 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1090.097+/-663.888 χ^2/NDF : 17.5/21

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1894.672+/-0.667 χ^2/NDF : 224951.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1961.327+/-0.660 χ^2/NDF : 126705.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

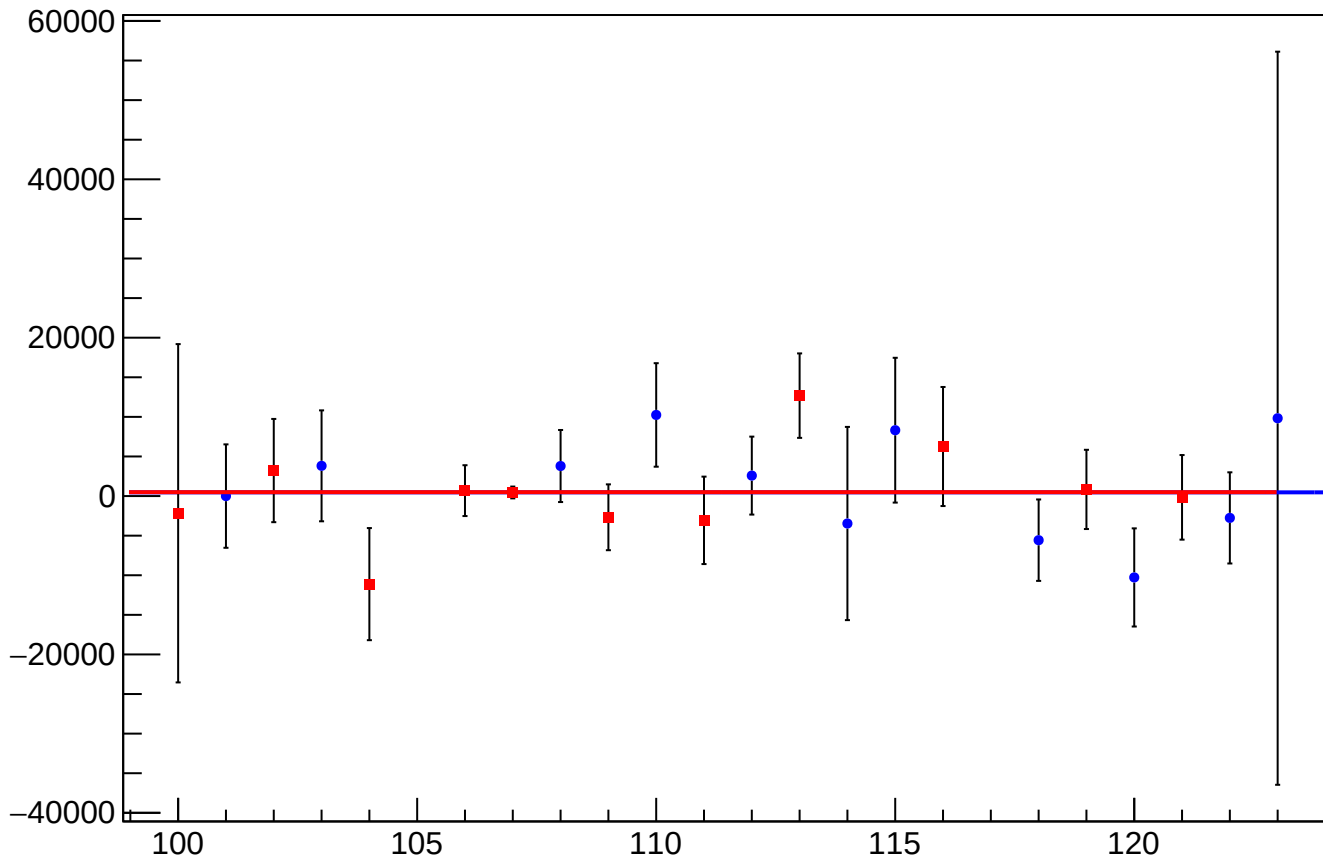
Right: 1928.385+/-0.469 χ^2/NDF : 356704.1/21

In: 1894.672+/-0.667 χ^2/NDF : 224951.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.385+/-0.469 χ^2/NDF : 356704.1/21

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 469.064+/-1924.416 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.211+/-680.495 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

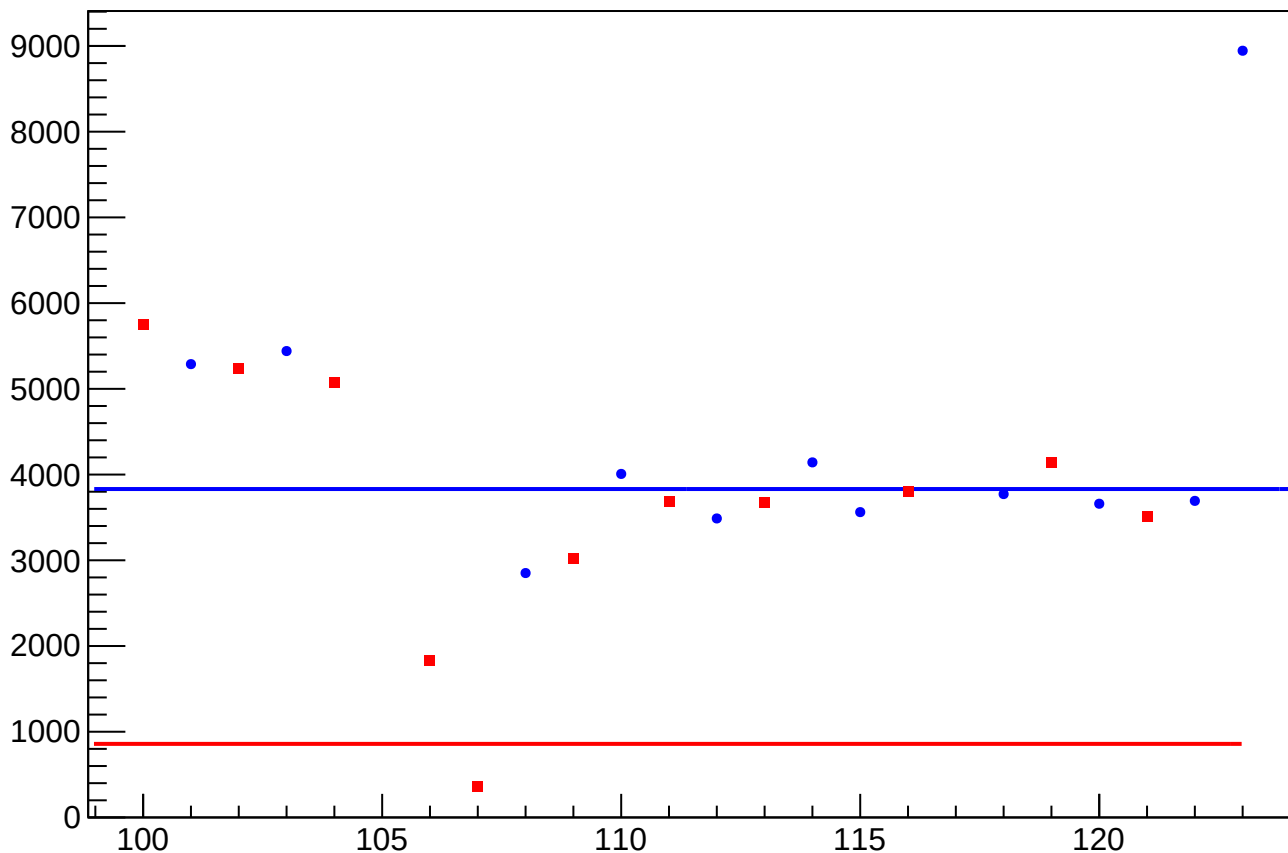
Right: 488.750+/-641.565 χ^2/NDF : 18.5/21

In: 469.064+/-1924.416 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.750+/-641.565 χ^2/NDF : 18.5/21

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3831.246+/-1.361 χ^2/NDF : 339564.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.284+/-0.481 χ^2/NDF : 6056876.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

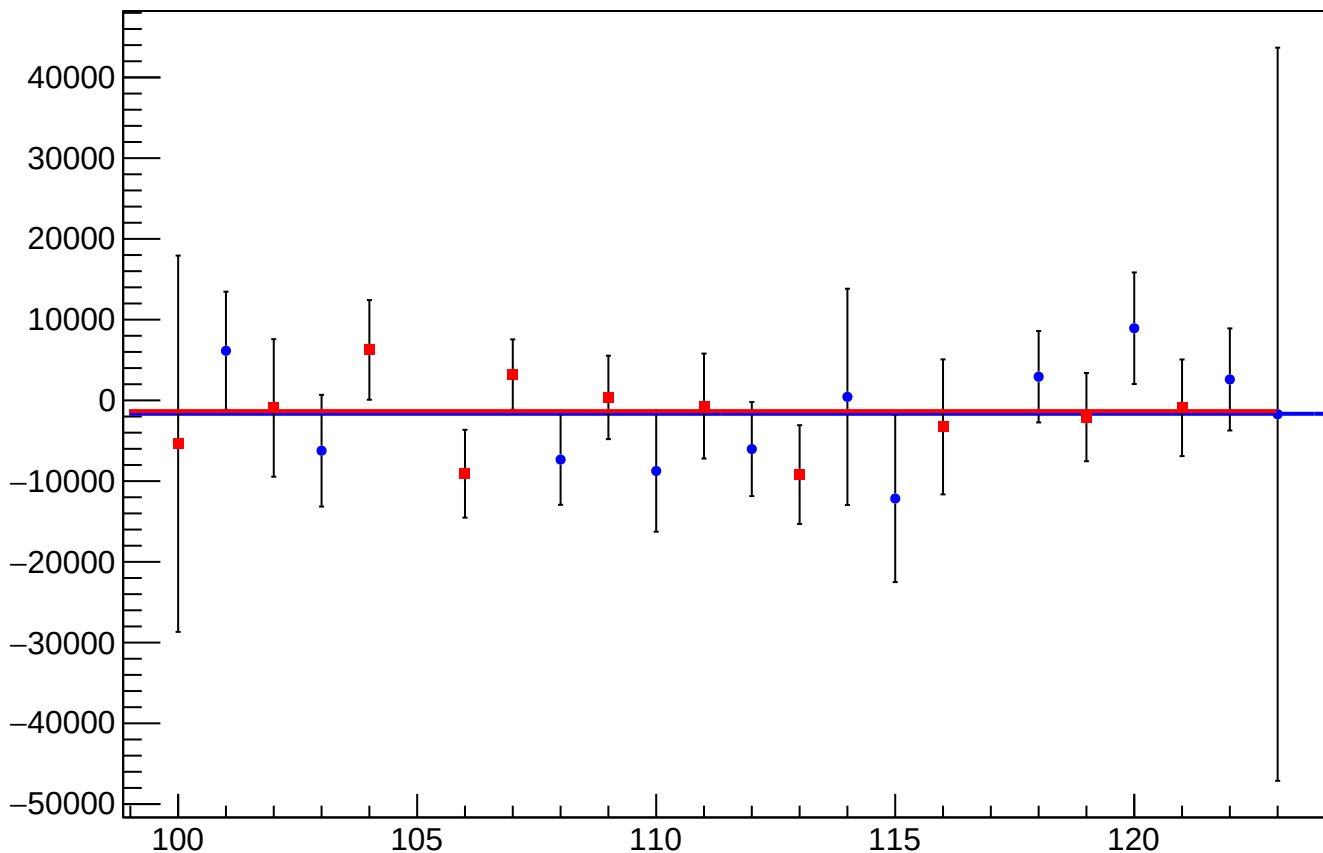
Right: 1188.709+/-0.454 χ^2/NDF : 10639145.3/21

In: 3831.246+/-1.361 χ^2/NDF : 339564.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1188.709+/-0.454 χ^2/NDF : 10639145.3/21

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1659.569+/-2176.600 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1329.452+/-1850.839 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

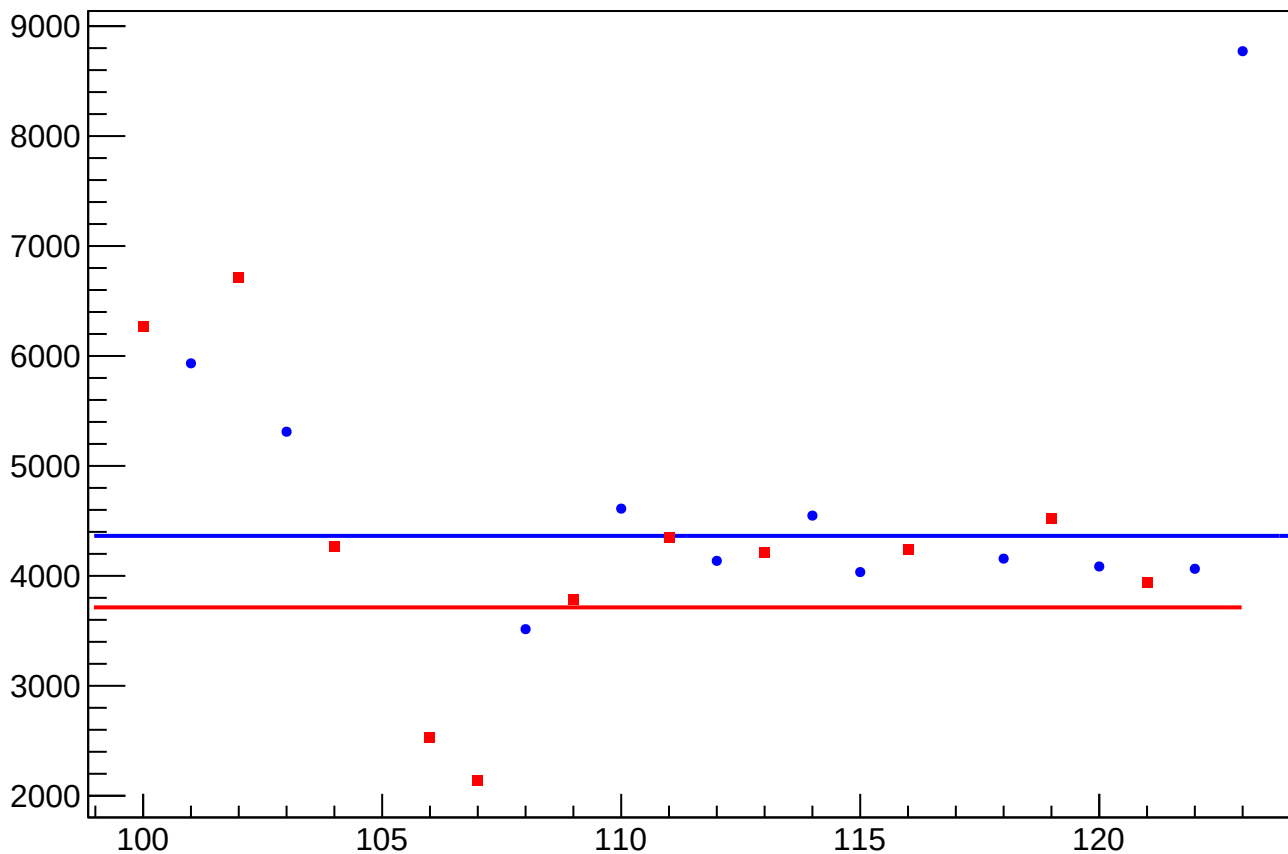
Right: -1467.983+/-1409.994 χ^2/NDF : 15.1/21

In: -1659.569+/-2176.600 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1467.983+/-1409.994 χ^2/NDF : 15.1/21

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4363.795+/-1.539 χ^2/NDF : 212084.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3713.437+/-1.290 χ^2/NDF : 755035.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

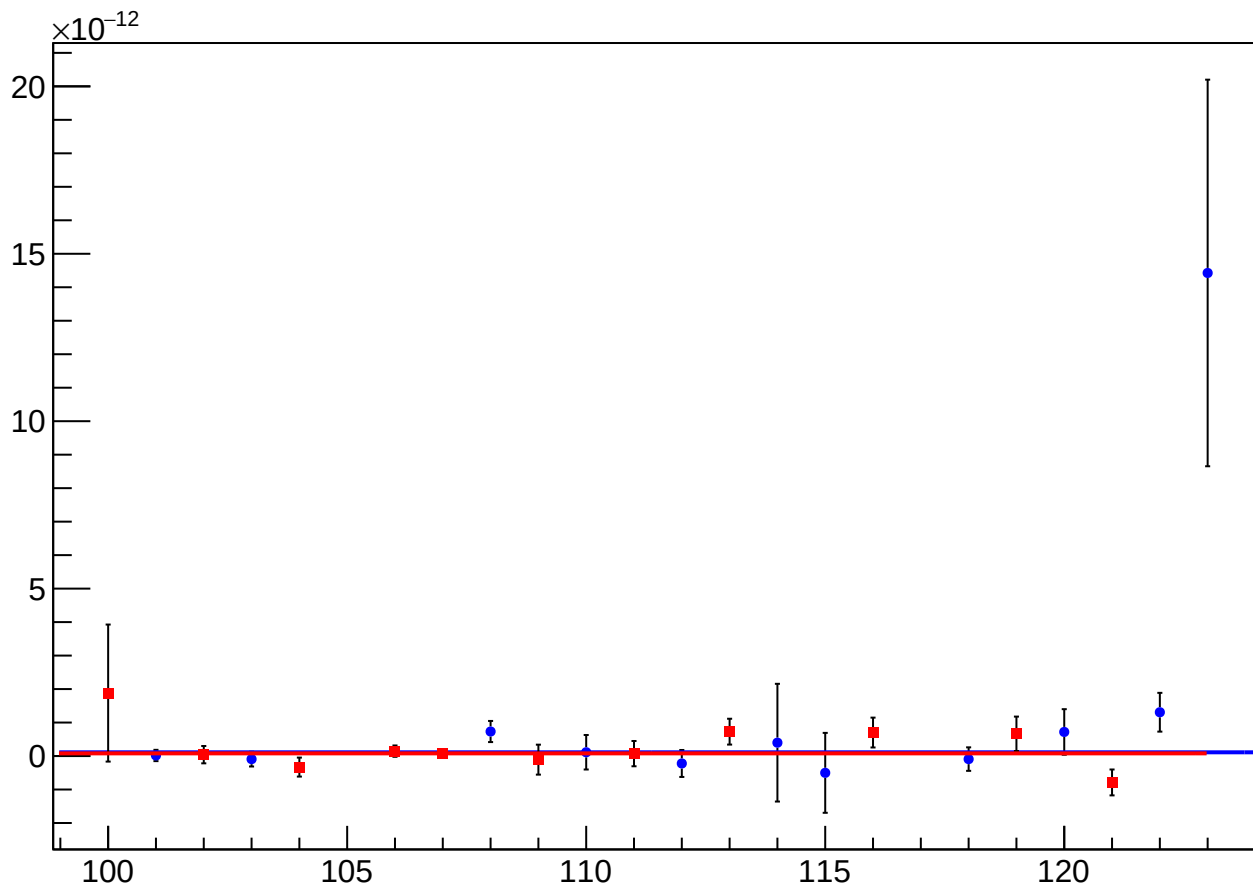
Right: 3981.864+/-0.989 χ^2/NDF : 1071980.3/21

In: 4363.795+/-1.539 χ^2/NDF : 212084.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3981.864+/-0.989 χ^2/NDF : 1071980.3/21

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.6/10

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

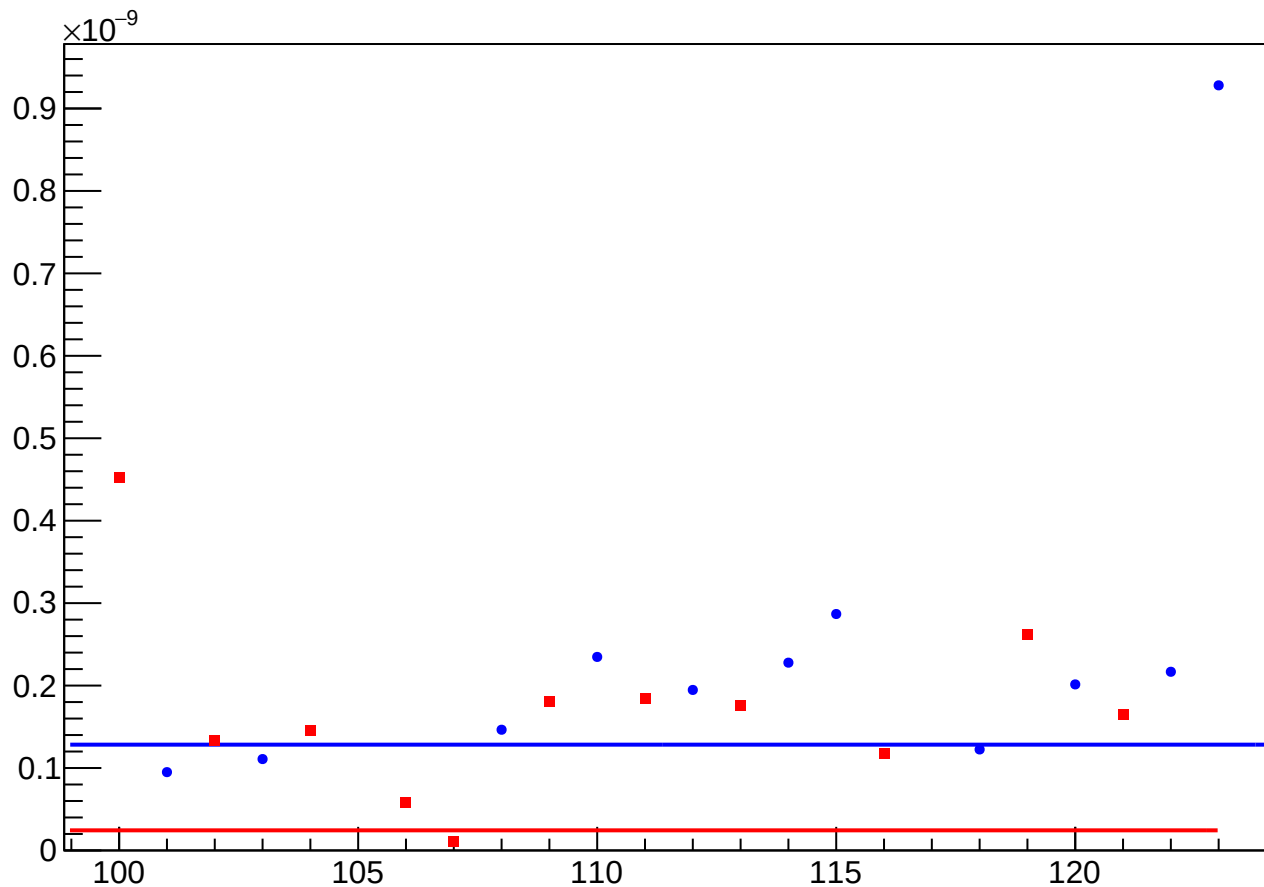
Right: 0.000+/-0.000 χ^2/NDF : 32.0/21

In: 0.000+/-0.000 χ^2/NDF : 17.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.0/21

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 387414.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2831629.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

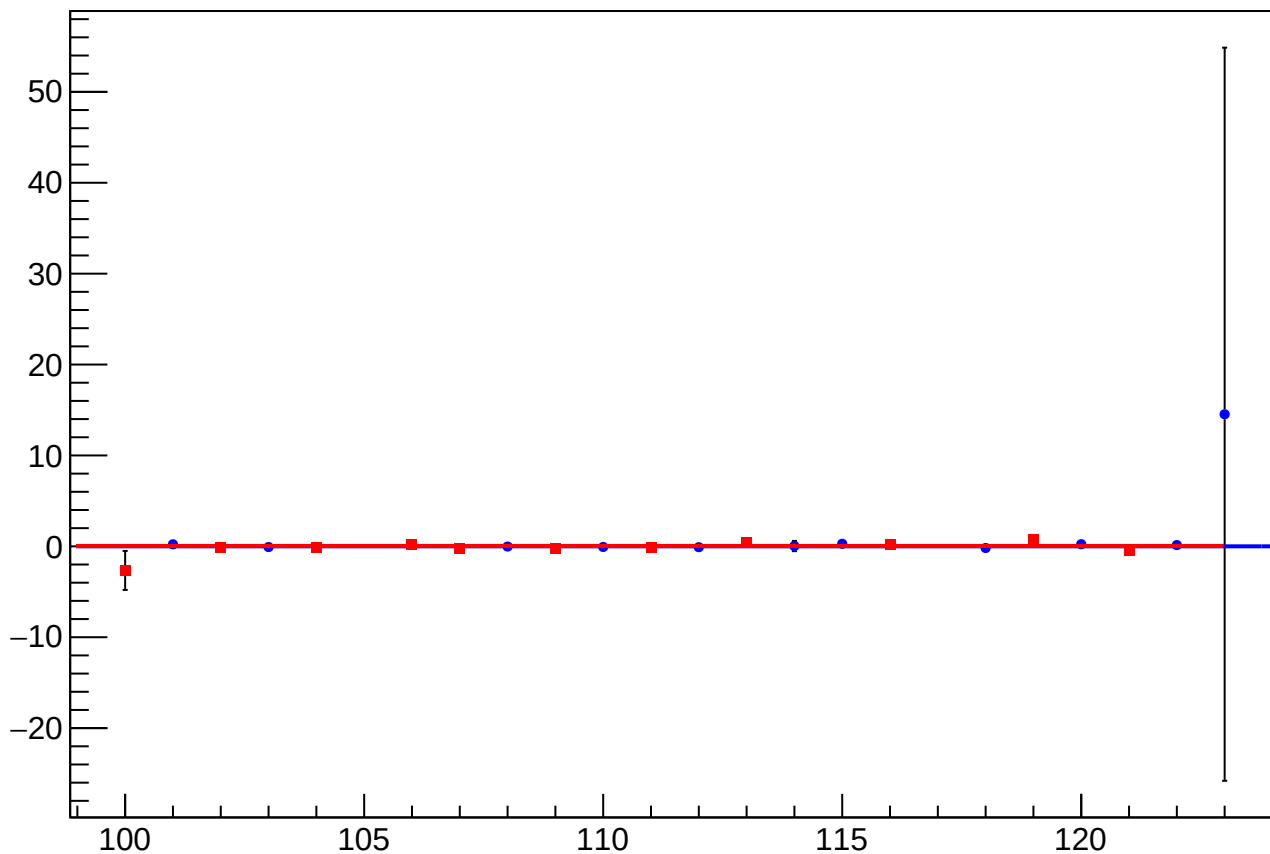
Right: 0.000+/-0.000 χ^2/NDF : 4975246.3/21

In: 0.000+/-0.000 χ^2/NDF : 387414.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4975246.3/21

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.075 χ^2/NDF : 25.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

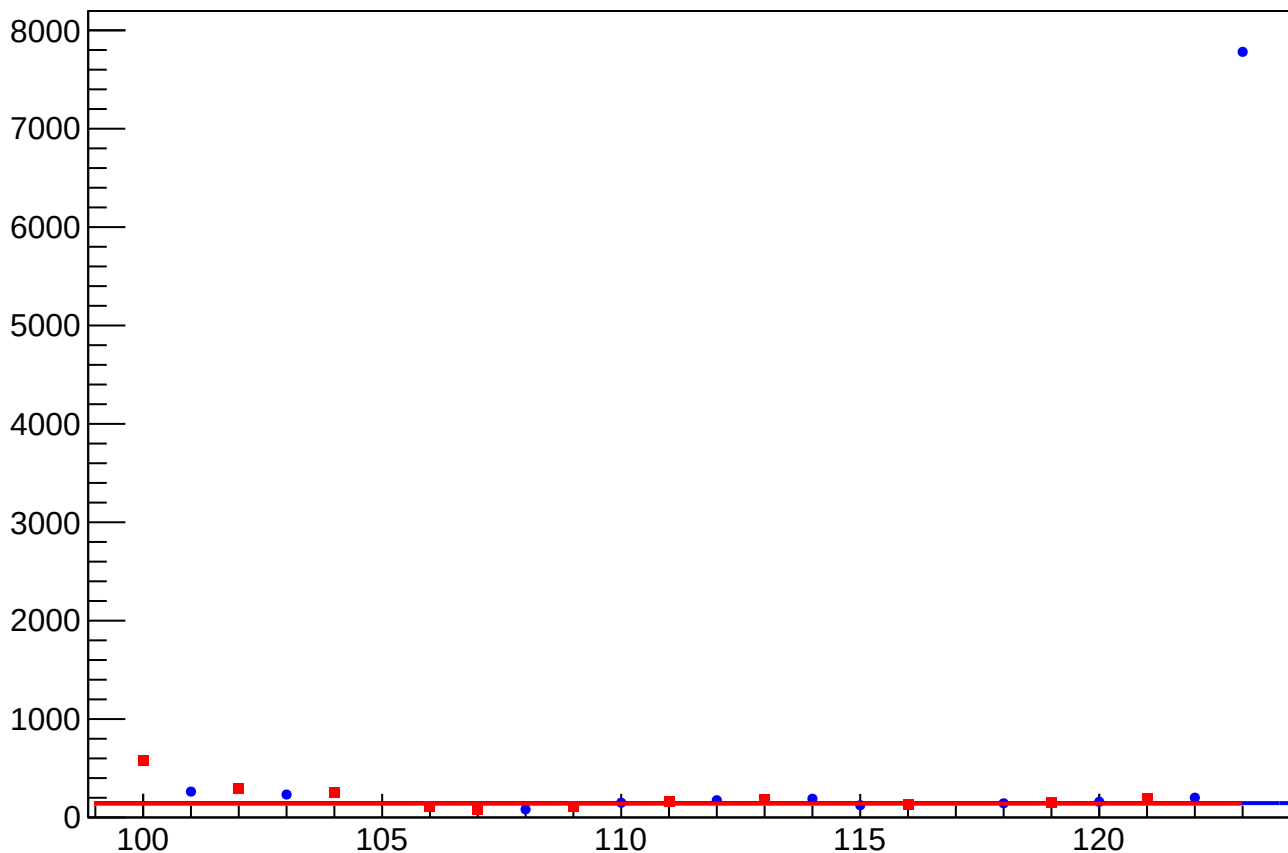
Right: 0.023+/-0.054 χ^2/NDF : 28.8/21

In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.054 χ^2/NDF : 28.8/21

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.932+/-0.056 χ^2/NDF : 979942.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.377+/-0.053 χ^2/NDF : 884200.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

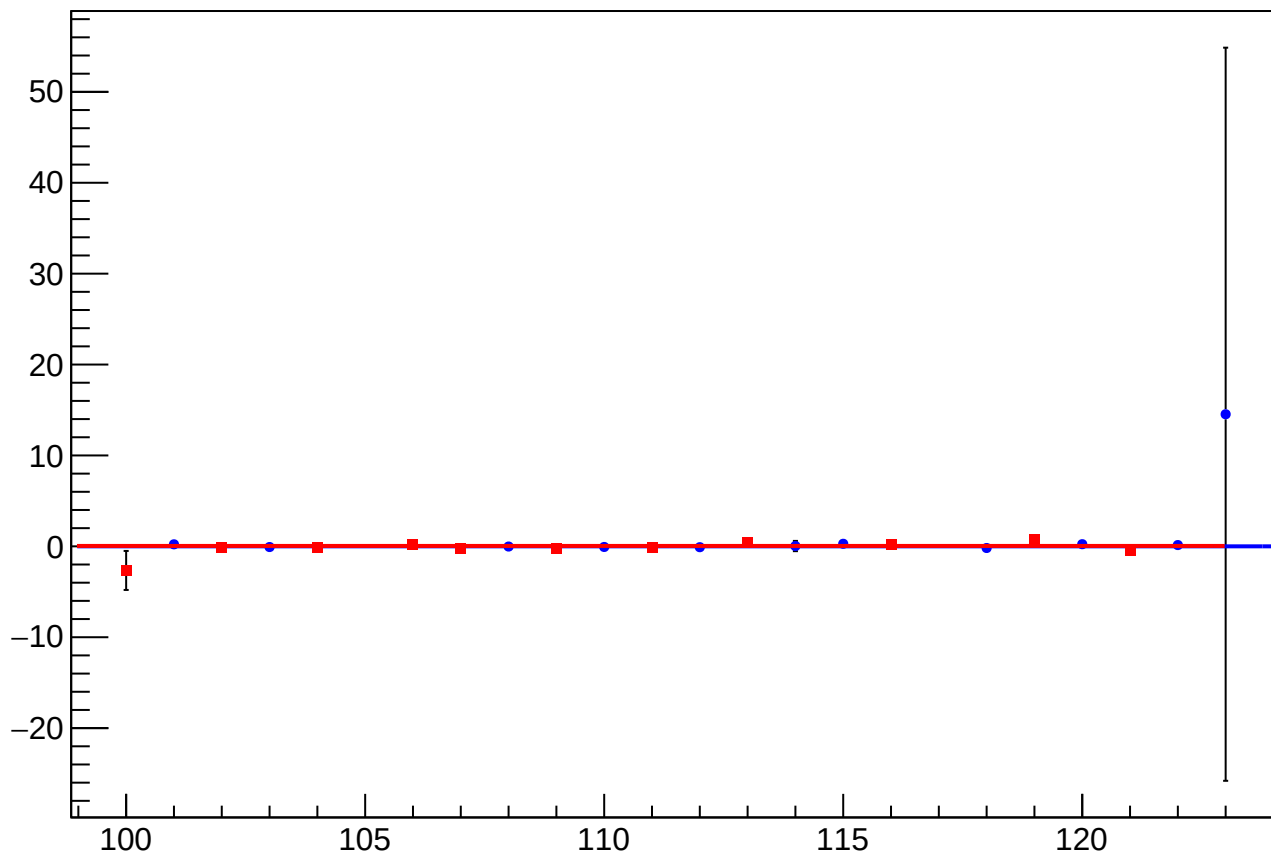
Right: 143.012+/-0.038 χ^2/NDF : 1869387.3/21

In: 145.932+/-0.056 χ^2/NDF : 979942.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.012+/-0.038 χ^2/NDF : 1869387.3/21

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.075 χ^2/NDF : 25.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

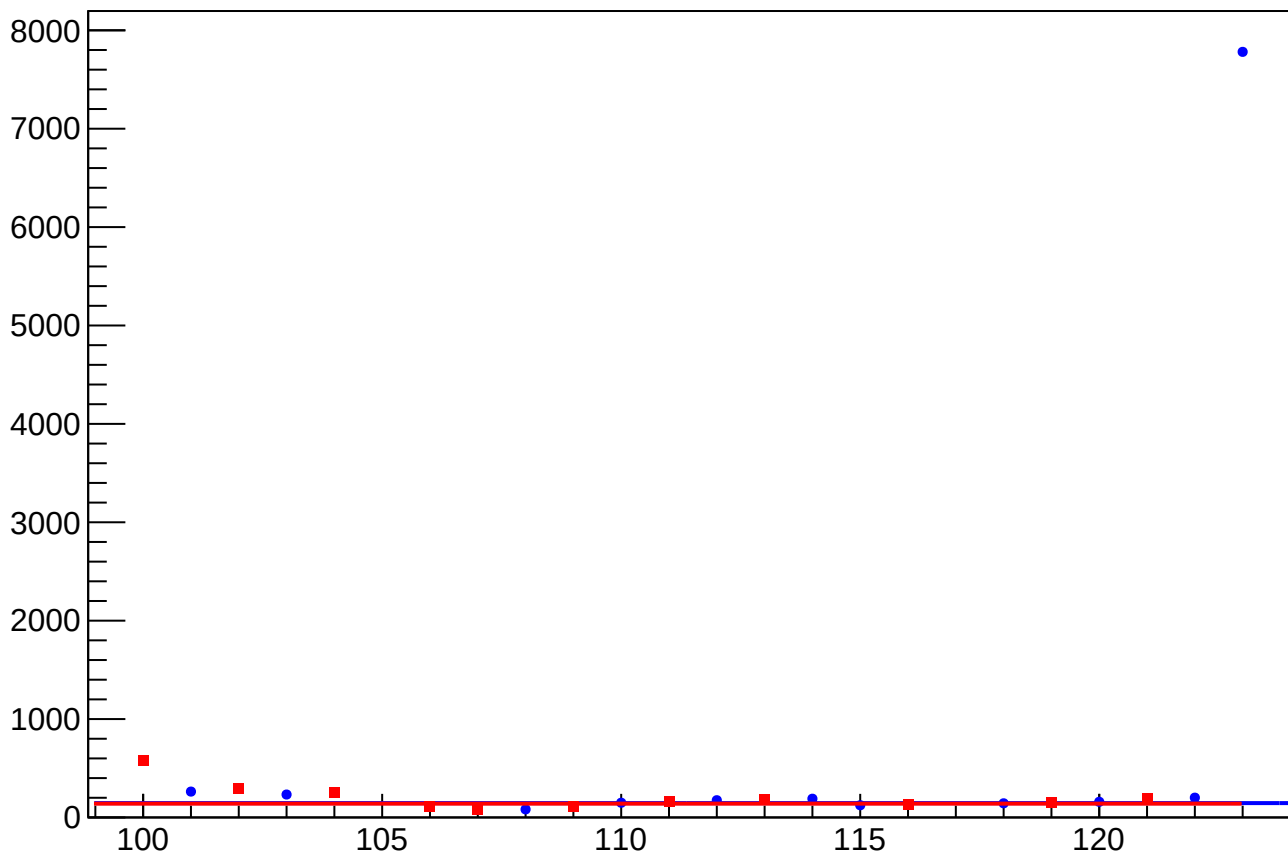
Right: 0.023+/-0.054 χ^2/NDF : 28.8/21

In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.054 χ^2/NDF : 28.8/21

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.932+/-0.056 χ^2/NDF : 979942.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.377+/-0.053 χ^2/NDF : 884200.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

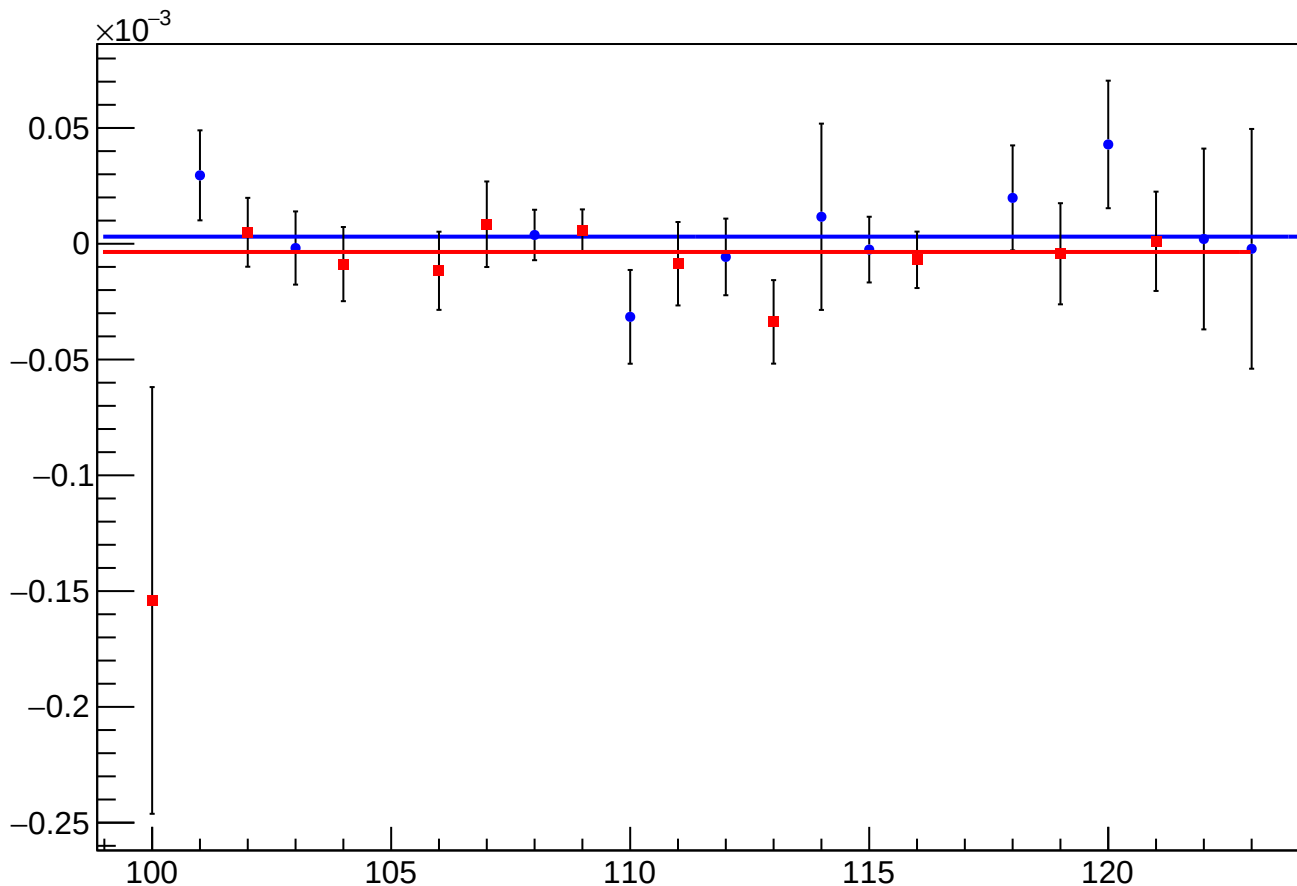
Right: 143.012+/-0.038 χ^2/NDF : 1869387.3/21

In: 145.932+/-0.056 χ^2/NDF : 979942.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.012+/-0.038 χ^2/NDF : 1869387.3/21

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/10

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

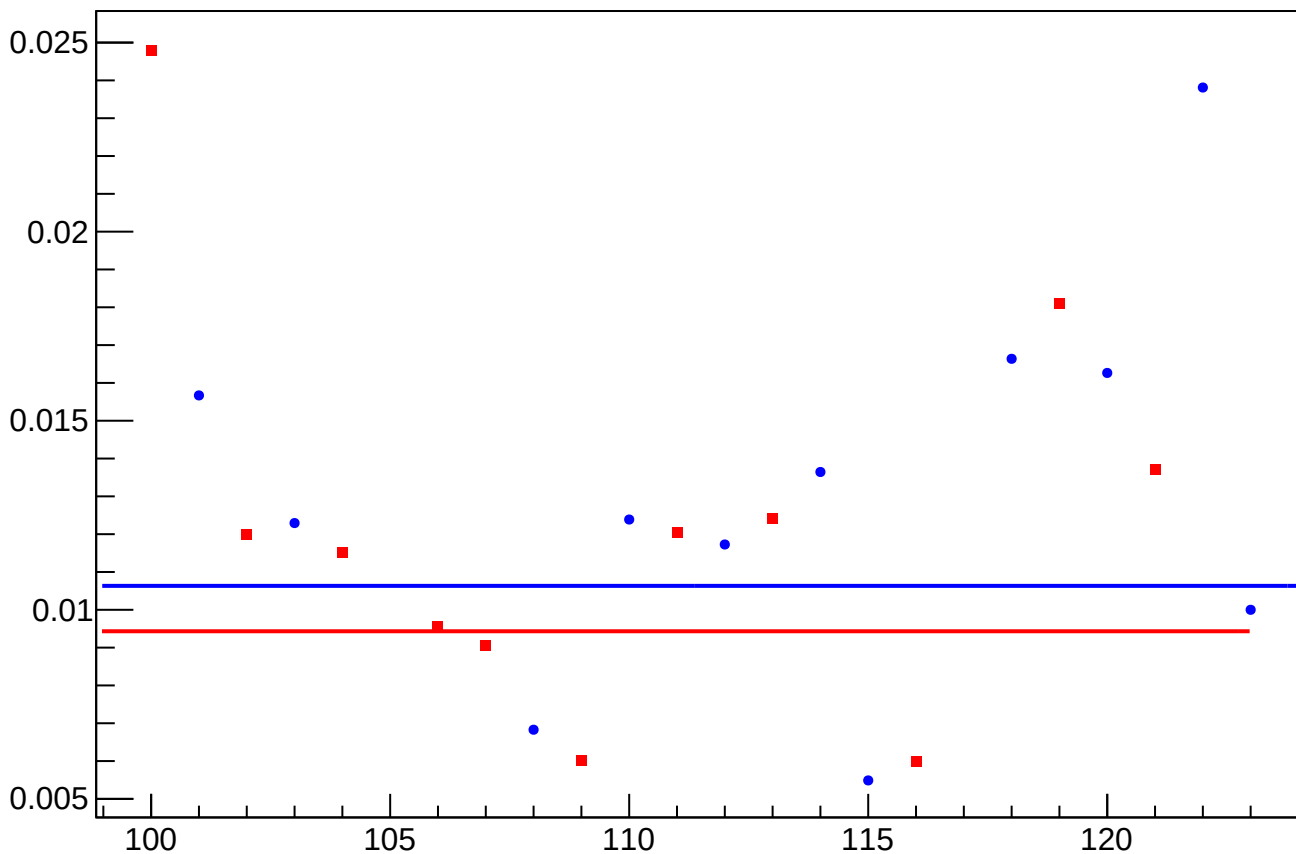
Right: -0.000+/-0.000 χ^2/NDF : 16.7/21

In: 0.000+/-0.000 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/21

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 1150490.0/10

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000

χ^2/NDF : 1087748.8/10

Left 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 : 2290953.4/21

In: 0.011+/-0.000

χ^2/NDF : 1150490.0/10

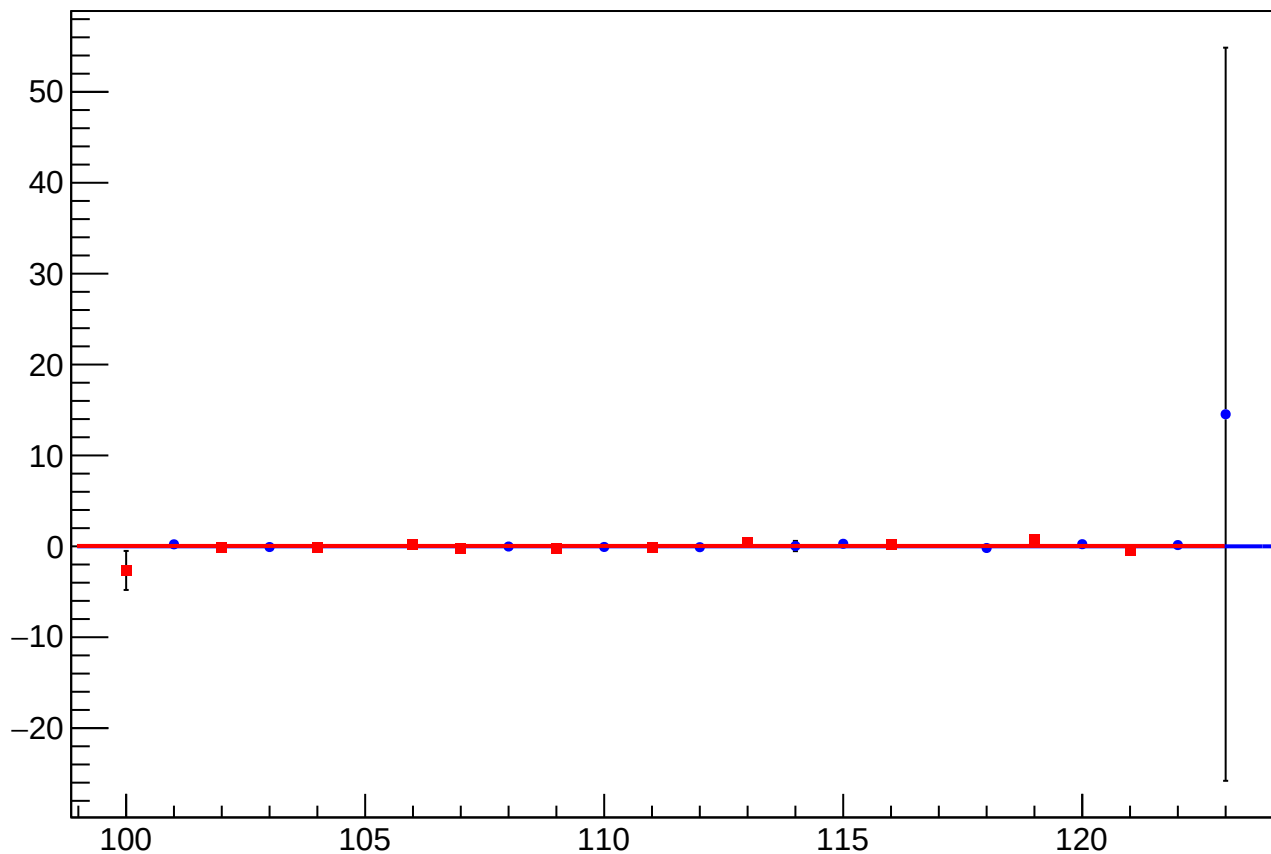
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 2290953.4/21

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.075 χ^2/NDF : 25.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

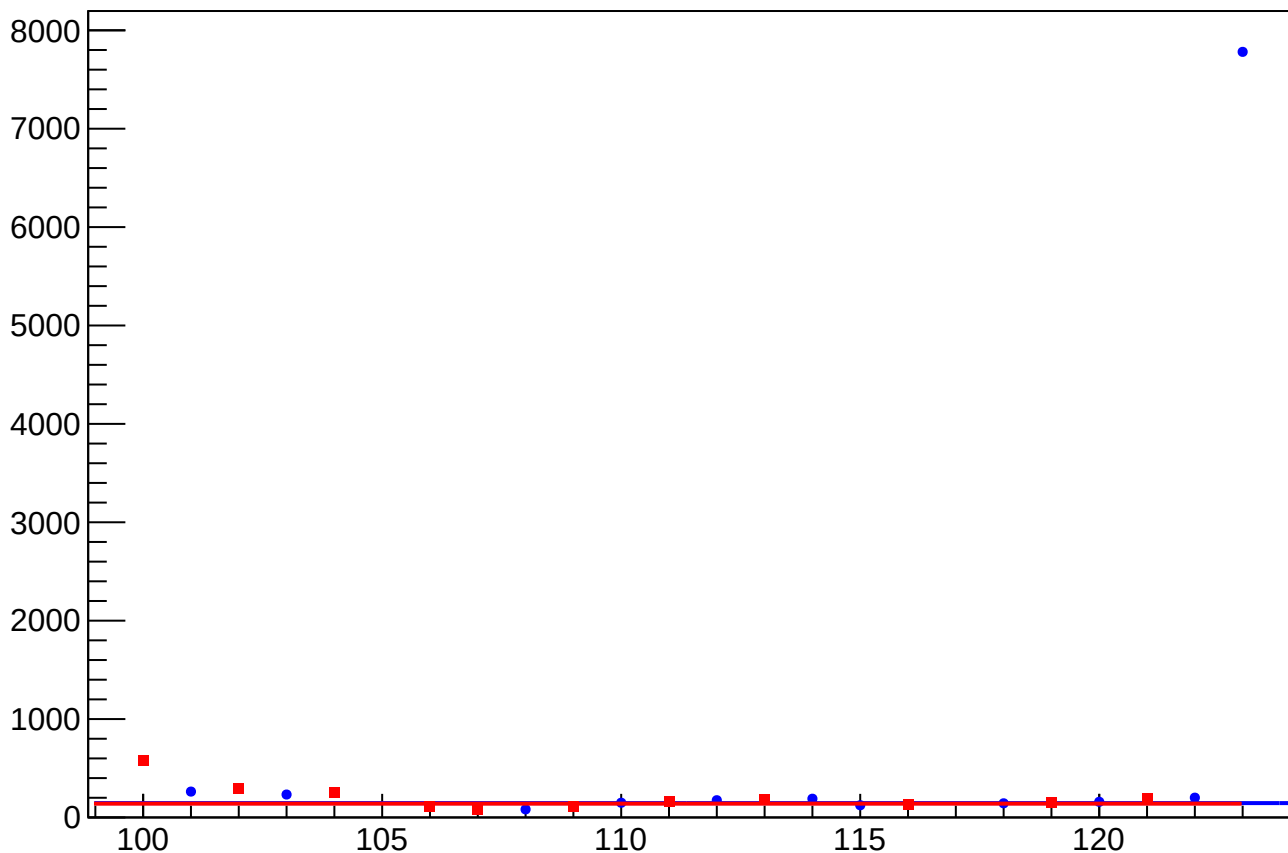
Right: 0.023+/-0.054 χ^2/NDF : 28.8/21

In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.054 χ^2/NDF : 28.8/21

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.932+/-0.056 χ^2/NDF : 979948.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.377+/-0.053 χ^2/NDF : 884226.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

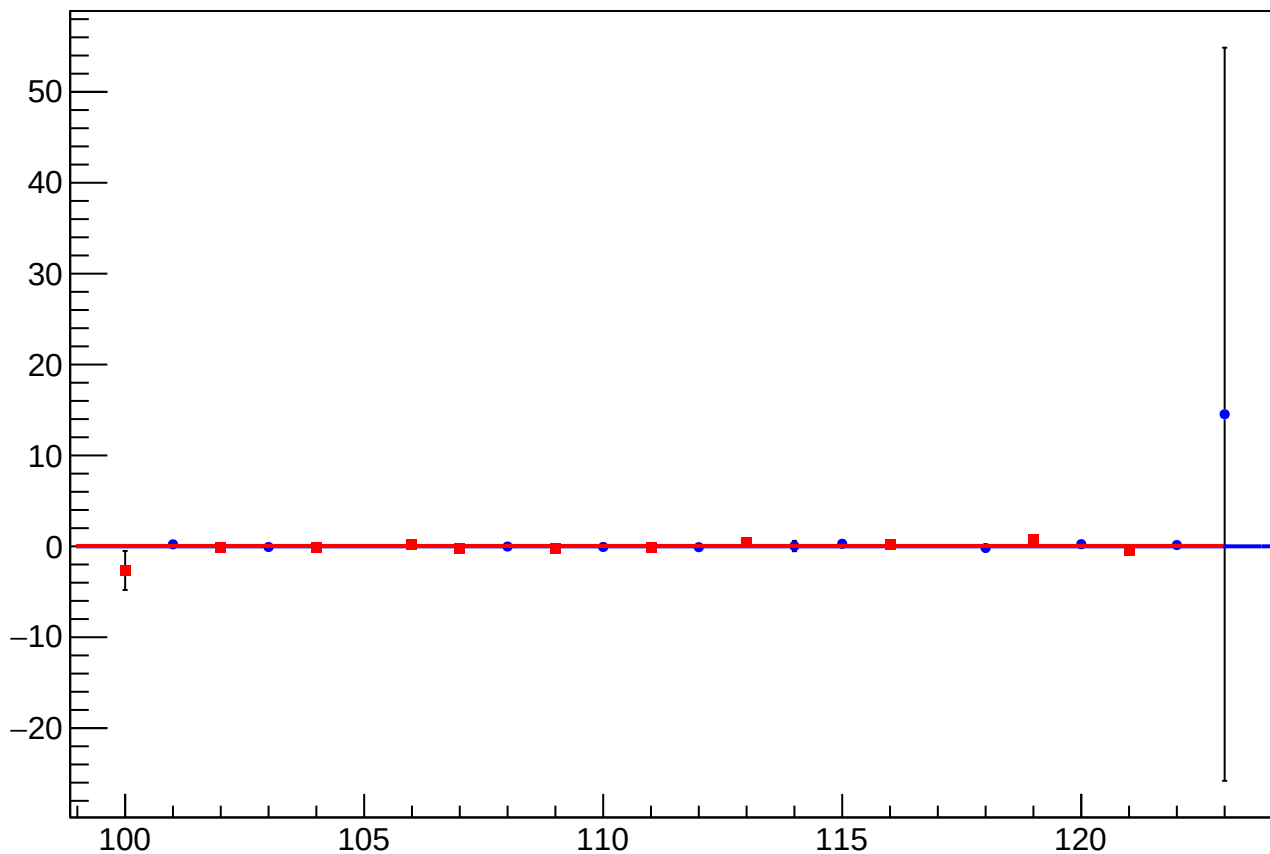
Right: 143.012+/-0.038 χ^2/NDF : 1869418.7/21

In: 145.932+/-0.056 χ^2/NDF : 979948.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.012+/-0.038 χ^2/NDF : 1869418.7/21

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.075 χ^2/NDF : 25.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

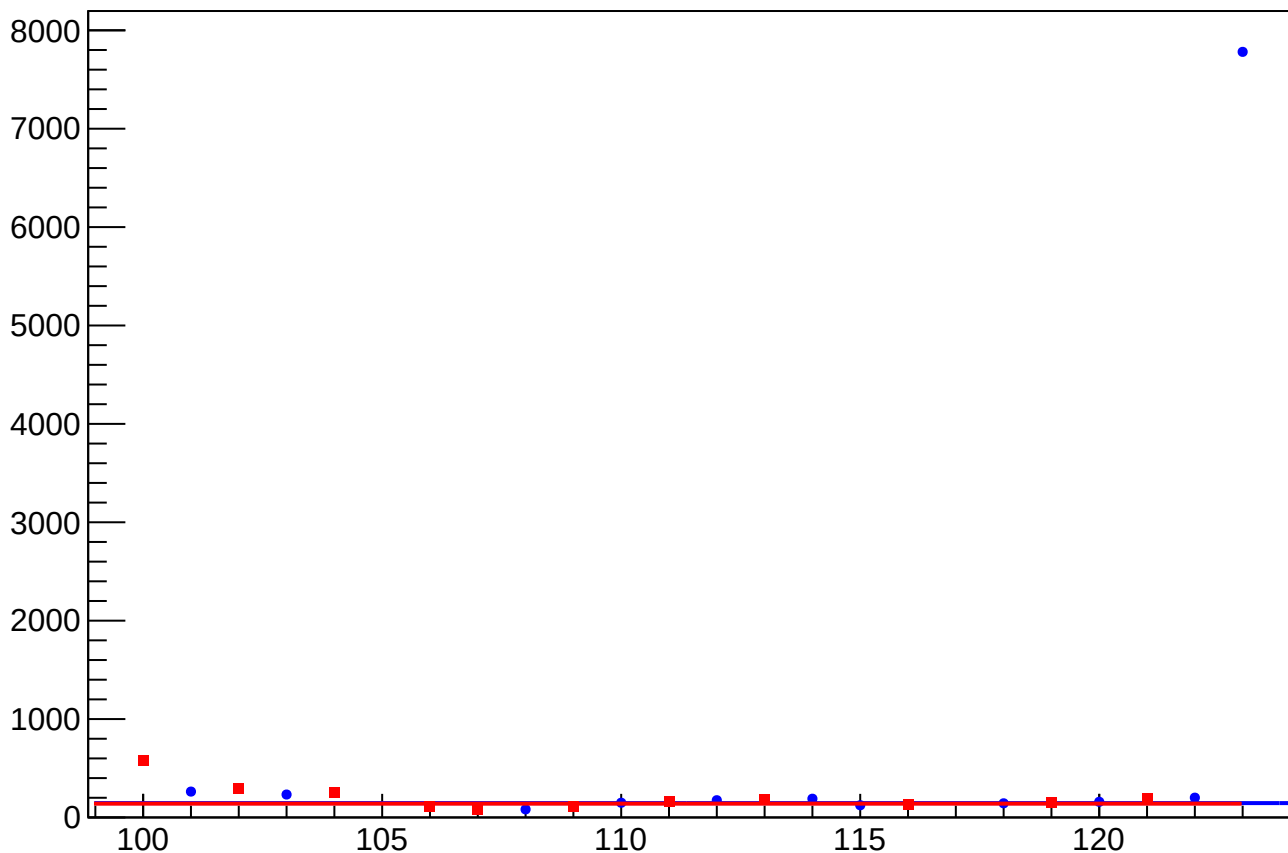
Right: 0.023+/-0.054 χ^2/NDF : 28.8/21

In: 0.000+/-0.079 χ^2/NDF : 3.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.054 χ^2/NDF : 28.8/21

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.932+/-0.056 χ^2/NDF : 979948.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.377+/-0.053 χ^2/NDF : 884226.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

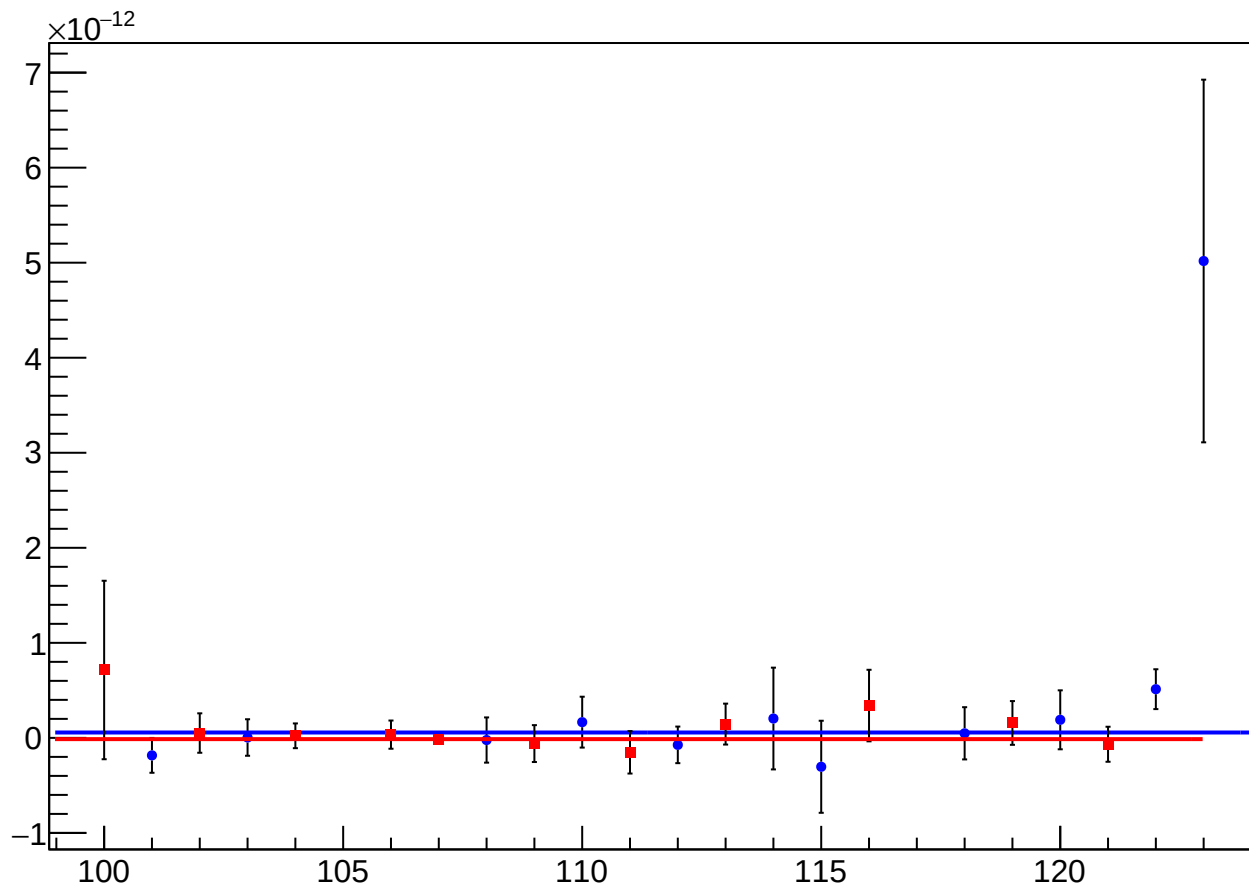
Right: 143.012+/-0.038 χ^2/NDF : 1869418.7/21

In: 145.932+/-0.056 χ^2/NDF : 979948.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.012+/-0.038 χ^2/NDF : 1869418.7/21

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

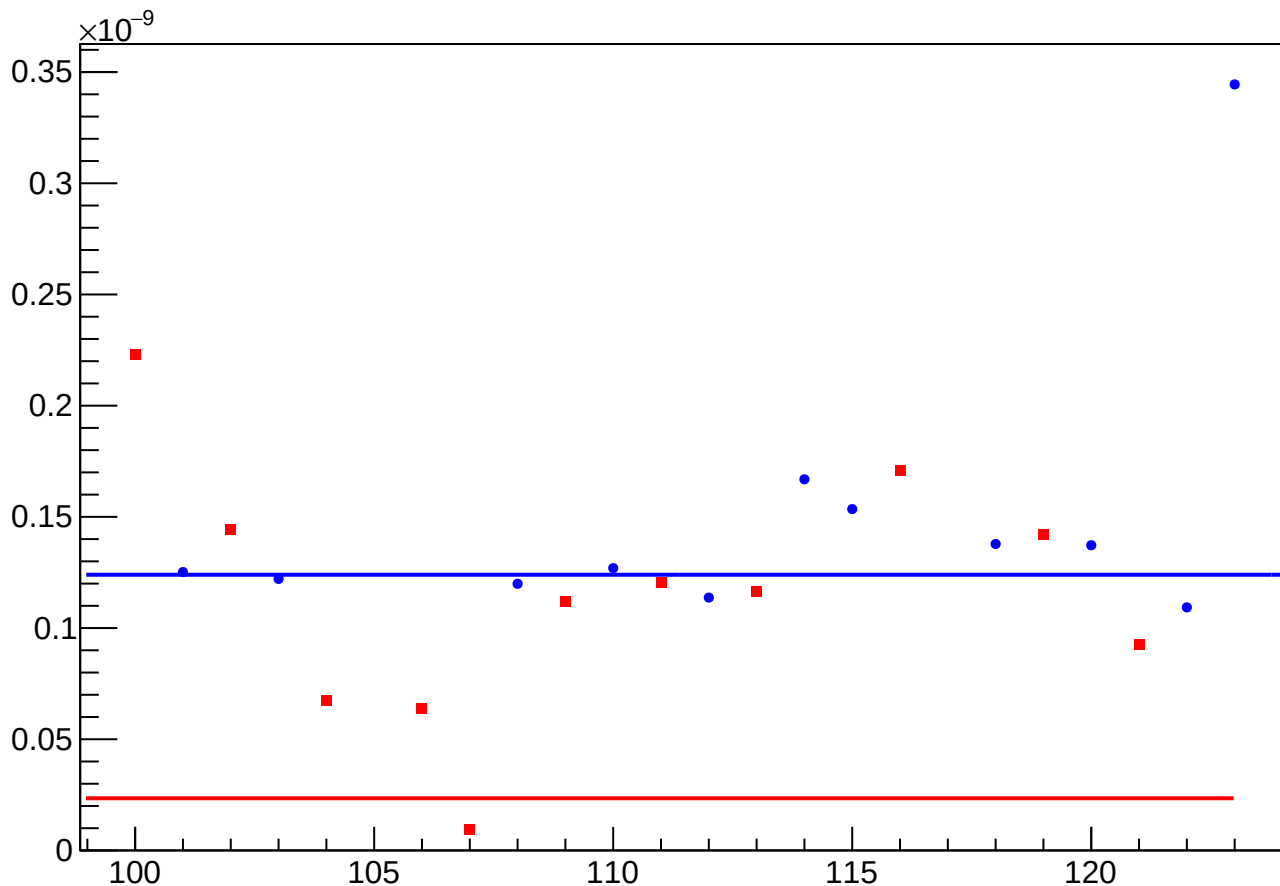
Right: -0.000+/-0.000 χ^2/NDF : 19.0/21

In: 0.000+/-0.000 χ^2/NDF : 14.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/21

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 72319.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3957234.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

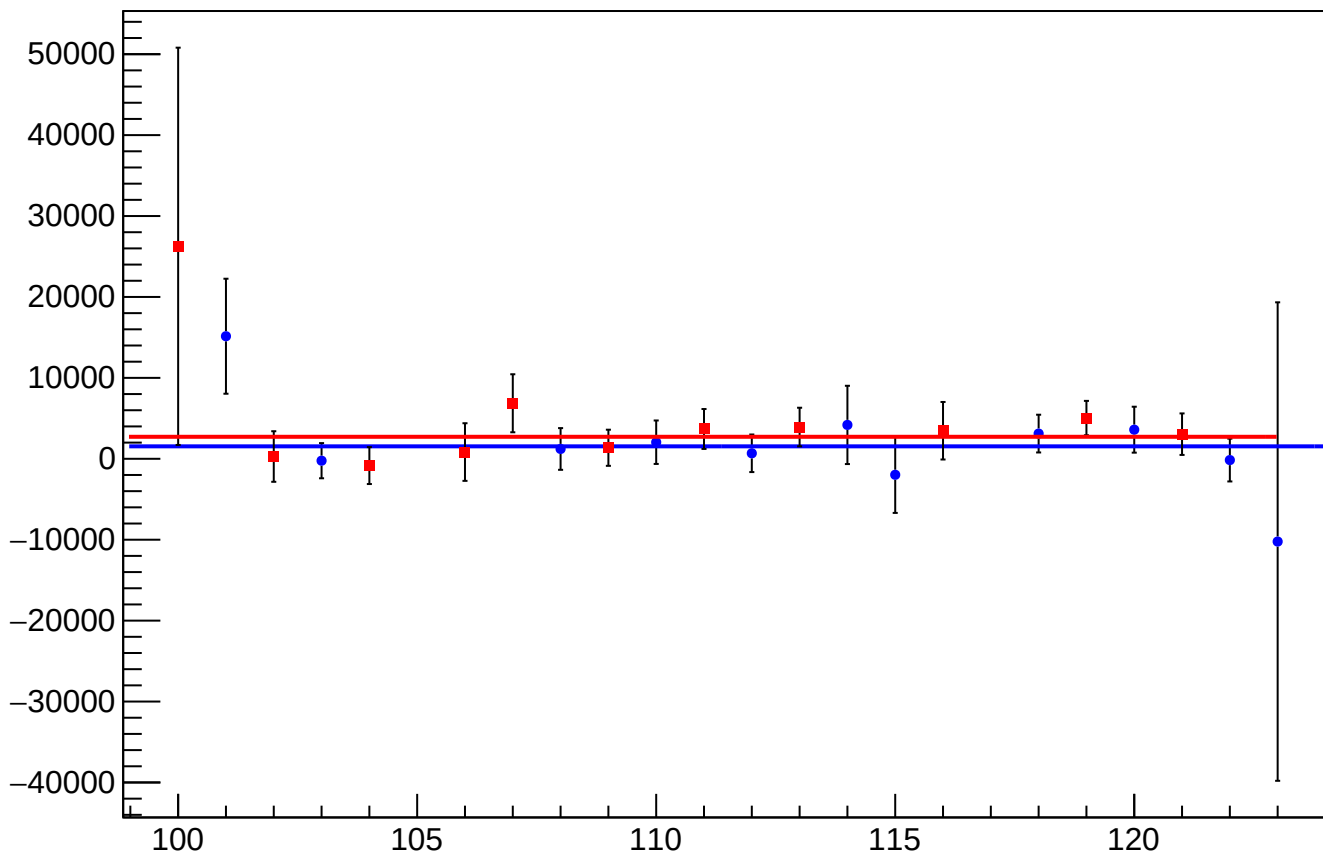
Right: 0.000+/-0.000 χ^2/NDF : 7136828.7/21

In: 0.000+/-0.000 χ^2/NDF : 72319.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7136828.7/21

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1538.669+/-895.719 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2719.518+/-831.395 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

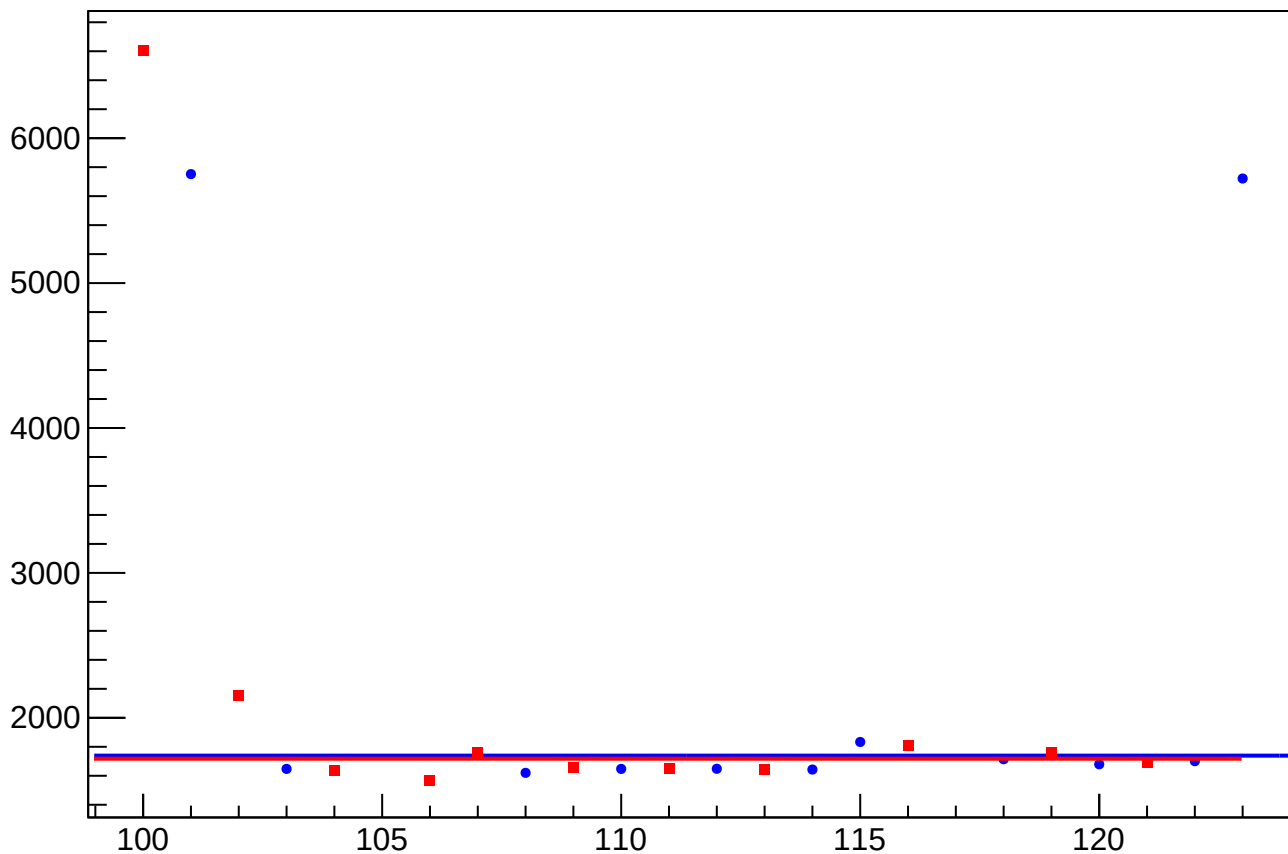
Right: 2173.012+/-609.358 χ^2/NDF : 15.5/21

In: 1538.669+/-895.719 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.012+/-609.358 χ^2/NDF : 15.5/21

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1739.019+/-0.633 χ^2/NDF : 690527.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.771+/-0.581 χ^2/NDF : 133616.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

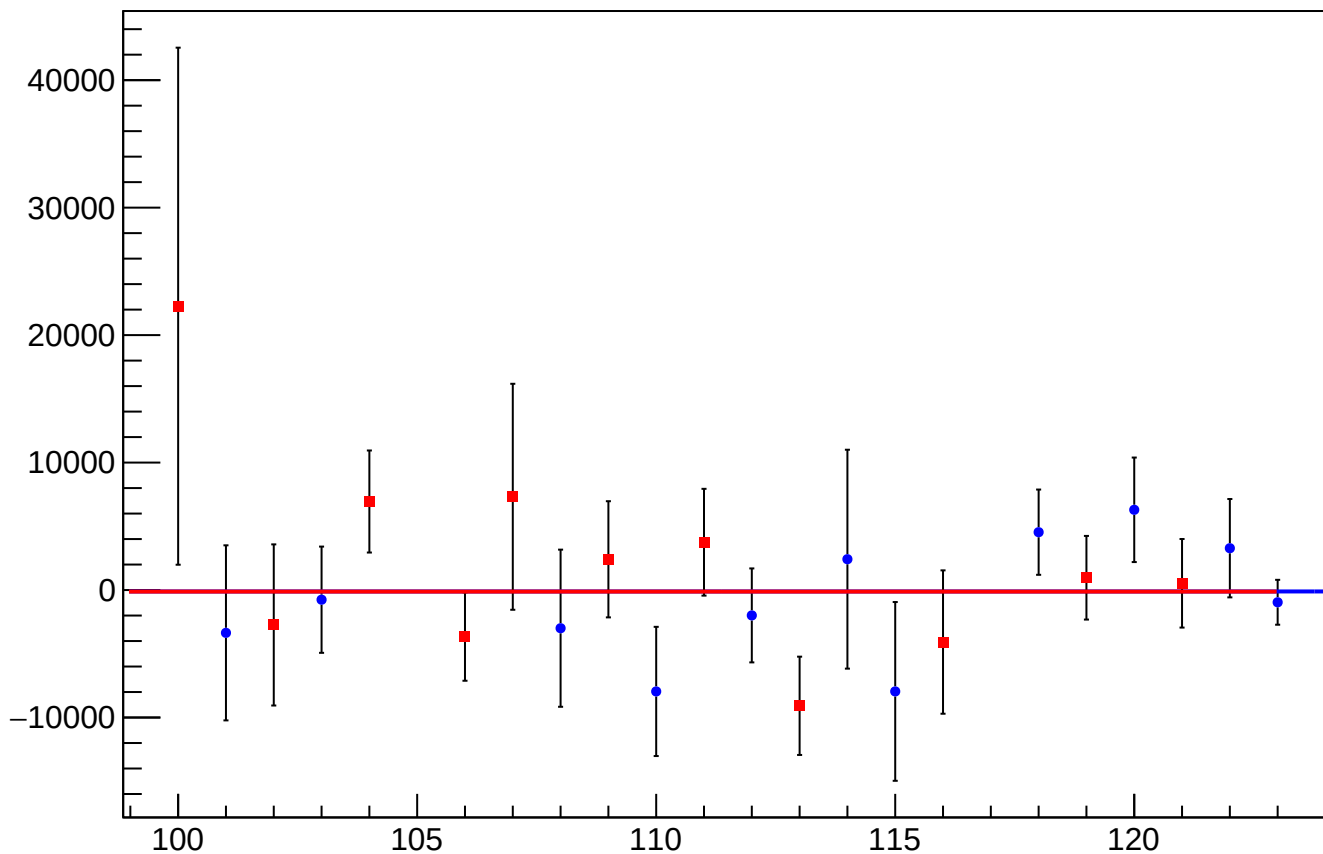
Right: 1727.481+/-0.428 χ^2/NDF : 824754.8/21

In: 1739.019+/-0.633 χ^2/NDF : 690527.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.481+/-0.428 χ^2/NDF : 824754.8/21

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -110.031+/-1124.960 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.968+/-1329.779 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

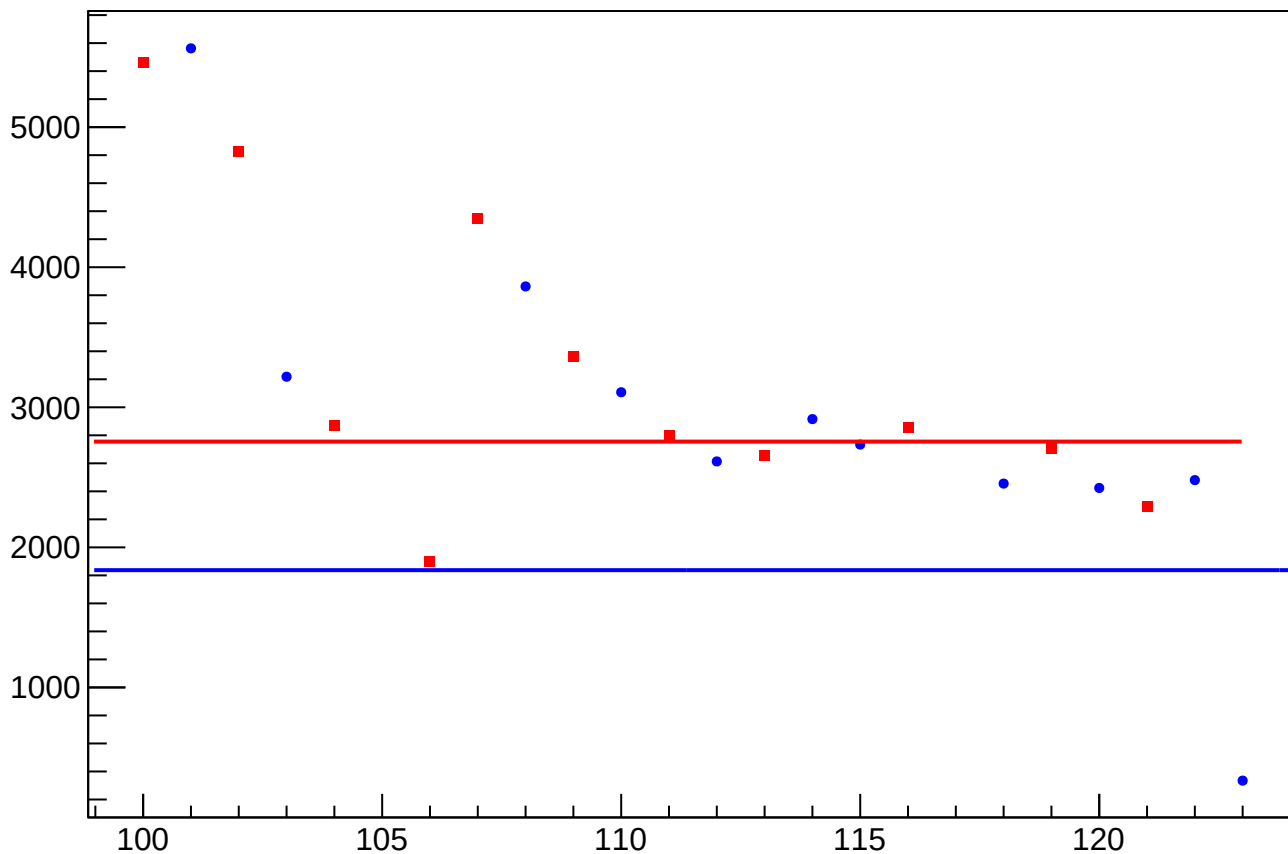
Right: -113.759+/-858.855 χ^2/NDF : 23.3/21

In: -110.031+/-1124.960 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.759+/-858.855 χ^2/NDF : 23.3/21

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1837.319+/-0.795 χ^2/NDF : 2924046.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2755.152+/-0.940 χ^2/NDF : 511913.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

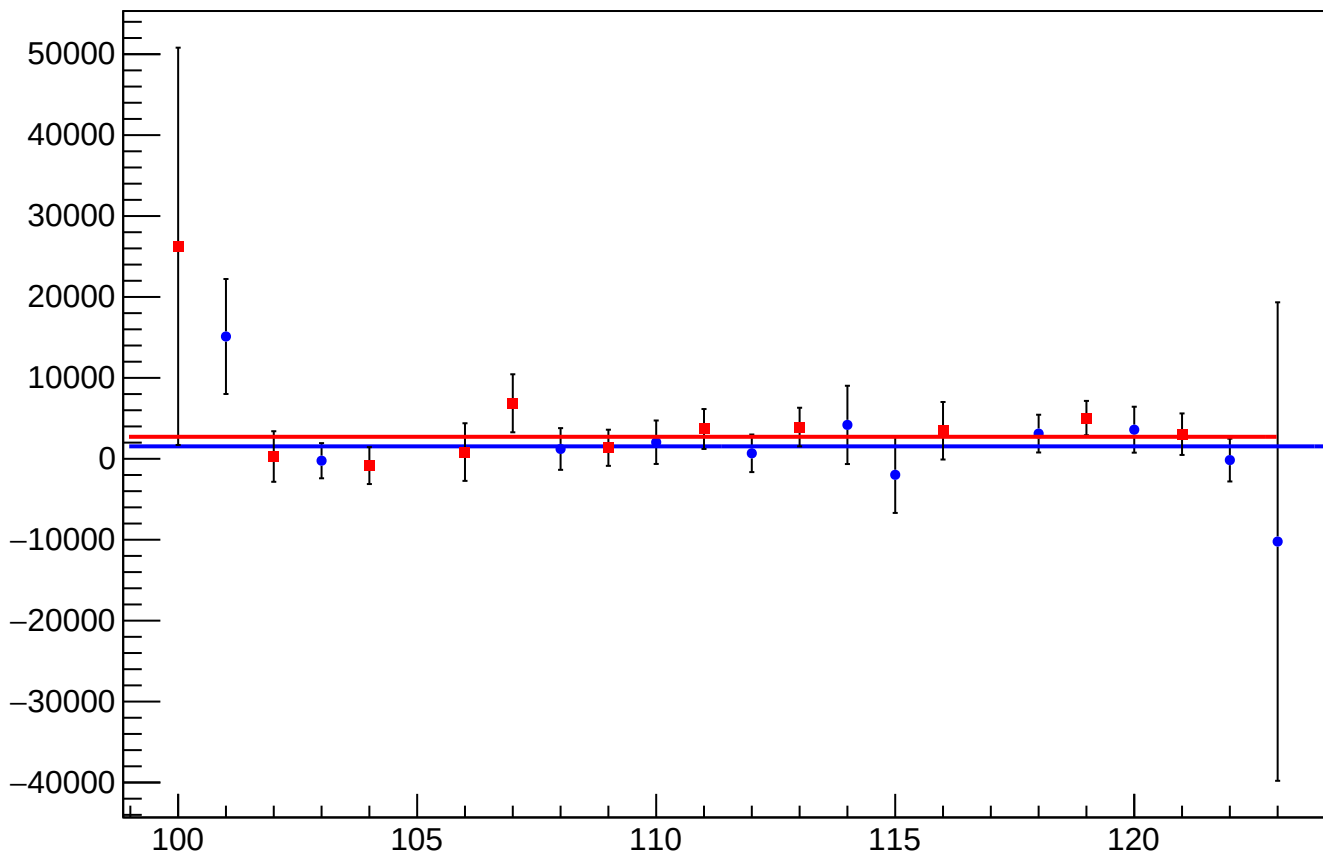
Right: 2220.183+/-0.607 χ^2/NDF : 3991304.7/21

In: 1837.319+/-0.795 χ^2/NDF : 2924046.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.183+/-0.607 χ^2/NDF : 3991304.7/21

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1538.262+/-895.720 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2719.678+/-831.395 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

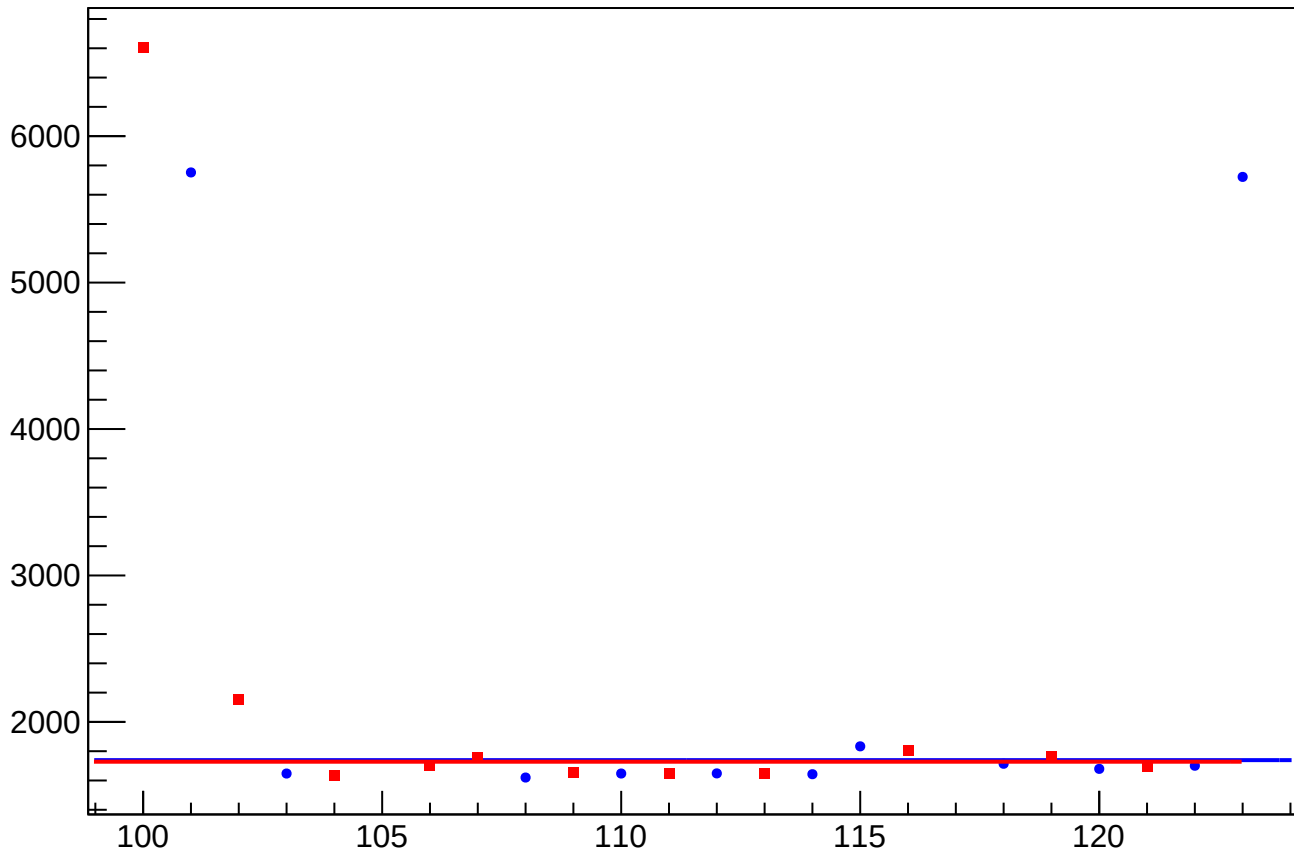
Right: 2172.910+/-609.358 χ^2/NDF : 15.4/21

In: 1538.262+/-895.720 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2172.910+/-609.358 χ^2/NDF : 15.4/21

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1739.019+/-0.633 χ^2/NDF : 690527.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1728.259+/-0.584 χ^2/NDF : 128227.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

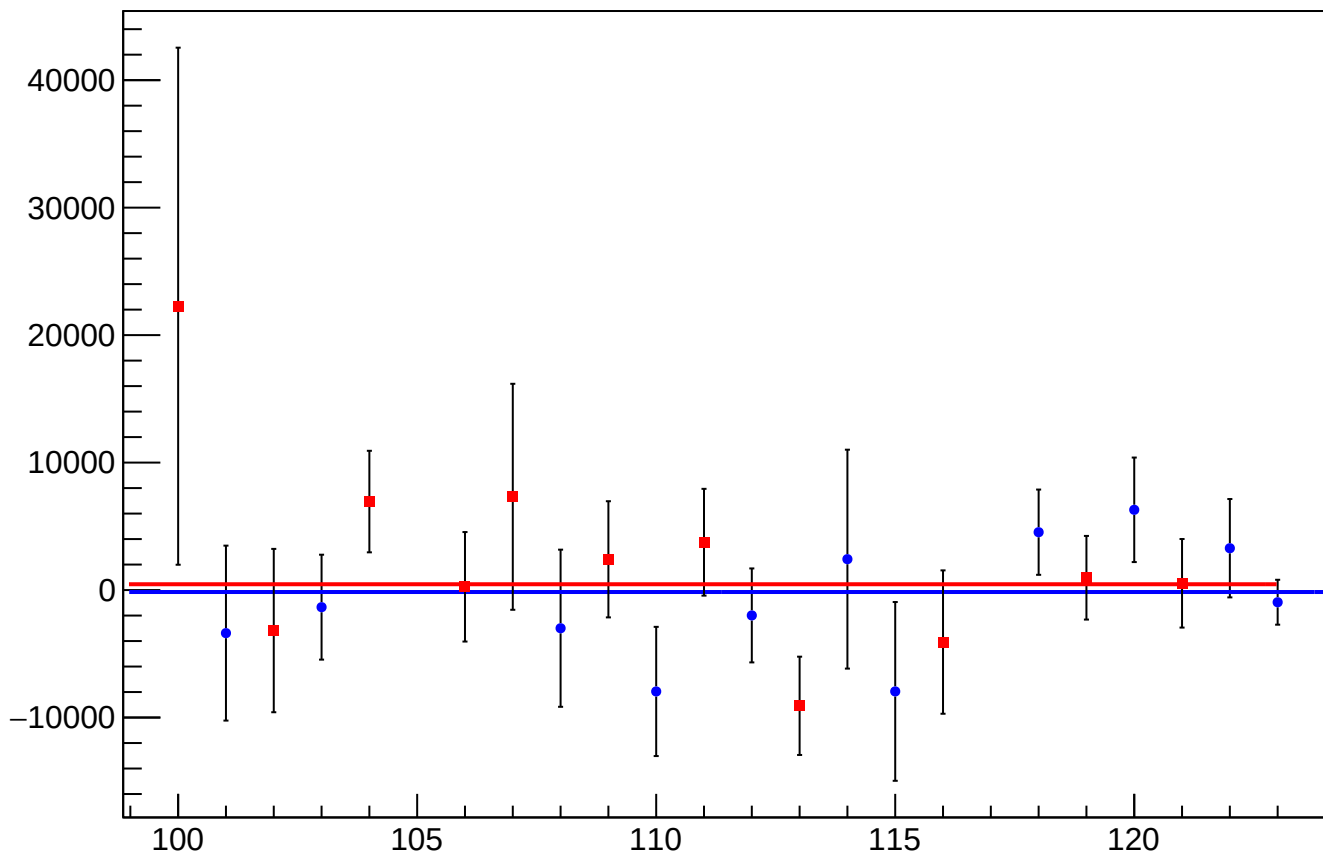
Right: 1733.207+/-0.429 χ^2/NDF : 818910.5/21

In: 1739.019+/-0.633 χ^2/NDF : 690527.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.207+/-0.429 χ^2/NDF : 818910.5/21

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -153.123+/-1124.145 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.840+/-1365.160 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

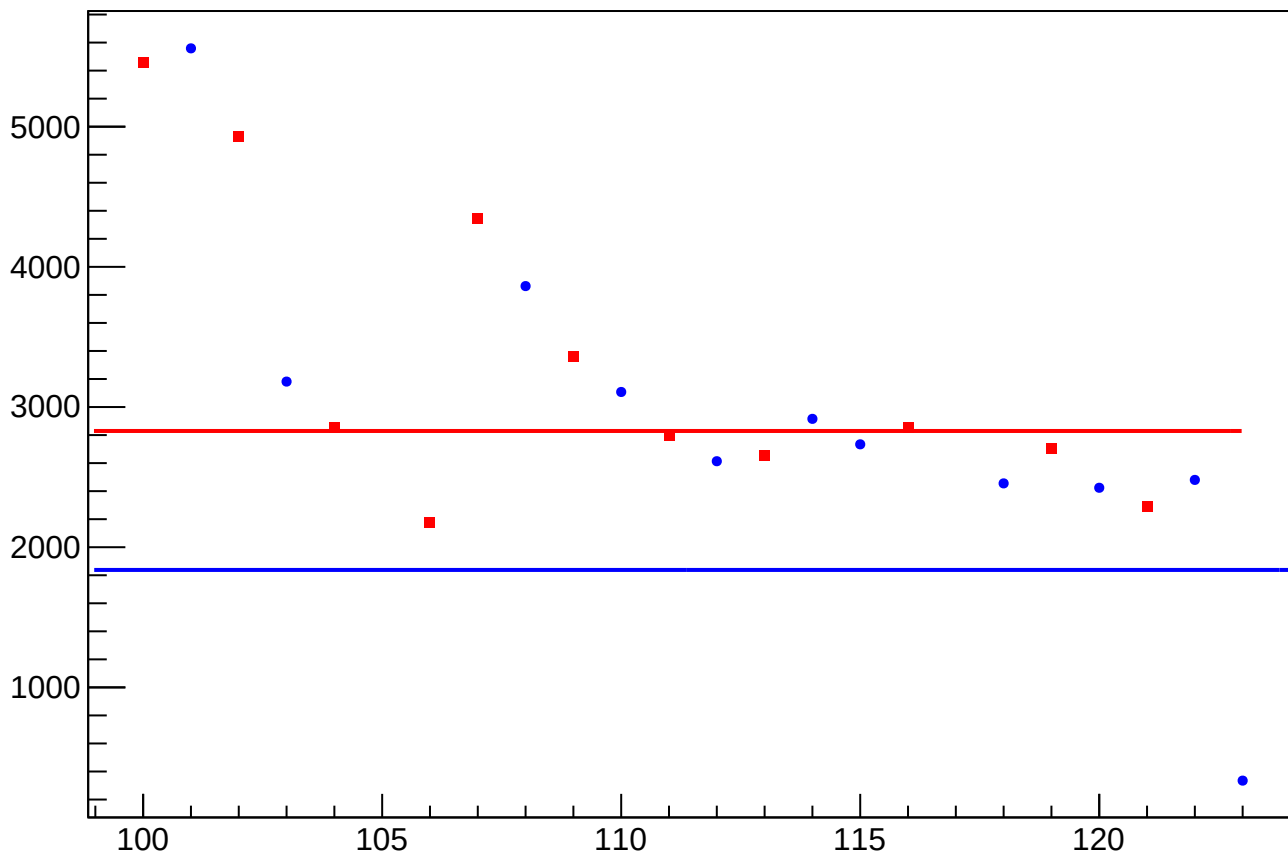
Right: 93.350+/-867.794 χ^2/NDF : 22.4/21

In: -153.123+/-1124.145 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.350+/-867.794 χ^2/NDF : 22.4/21

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1837.922+/-0.795 χ^2/NDF : 2915408.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2829.228+/-0.965 χ^2/NDF : 436245.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

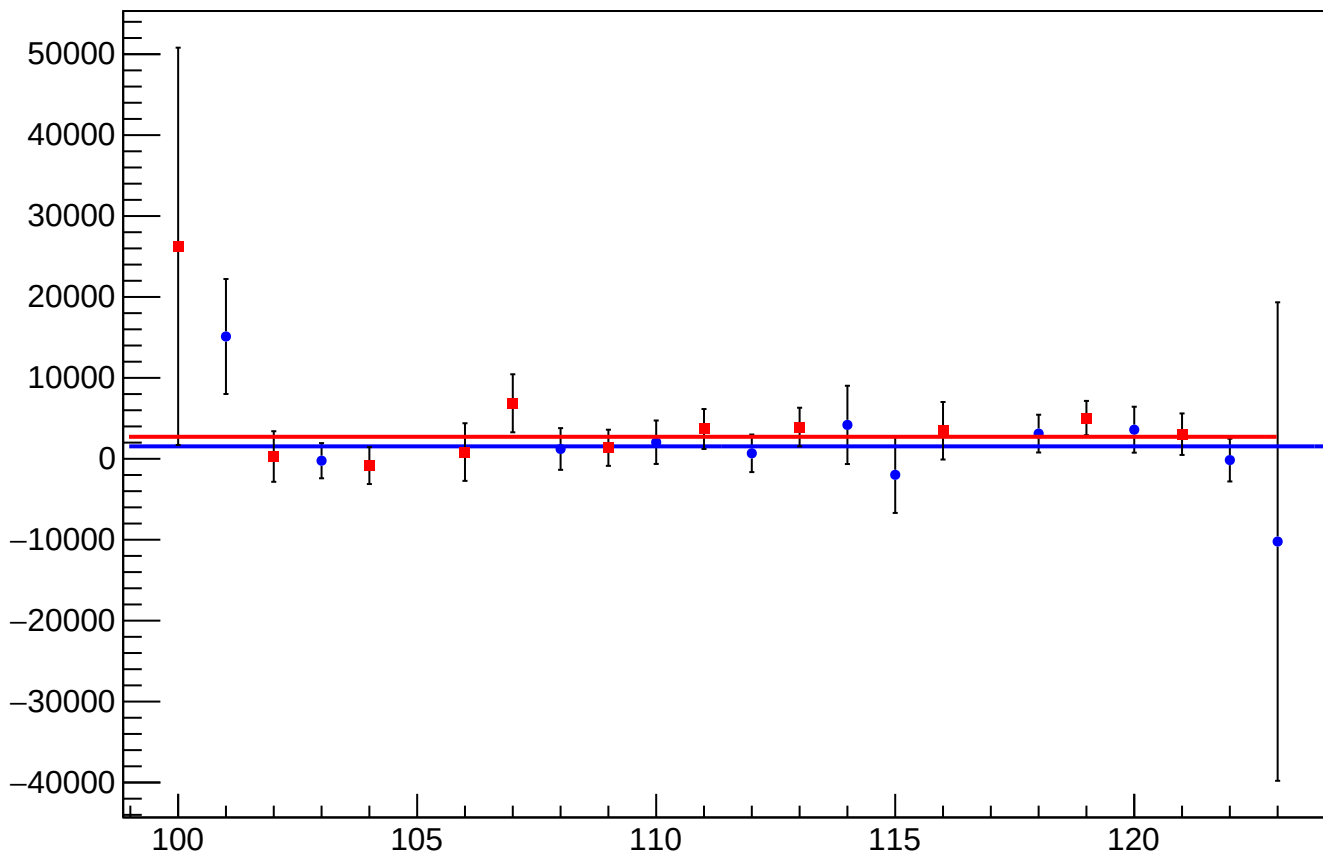
Right: 2238.488+/-0.614 χ^2/NDF : 3980099.9/21

In: 1837.922+/-0.795 χ^2/NDF : 2915408.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2238.488+/-0.614 χ^2/NDF : 3980099.9/21

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1538.262 $\pm$ 895.720 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2719.678 $\pm$ 831.395 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

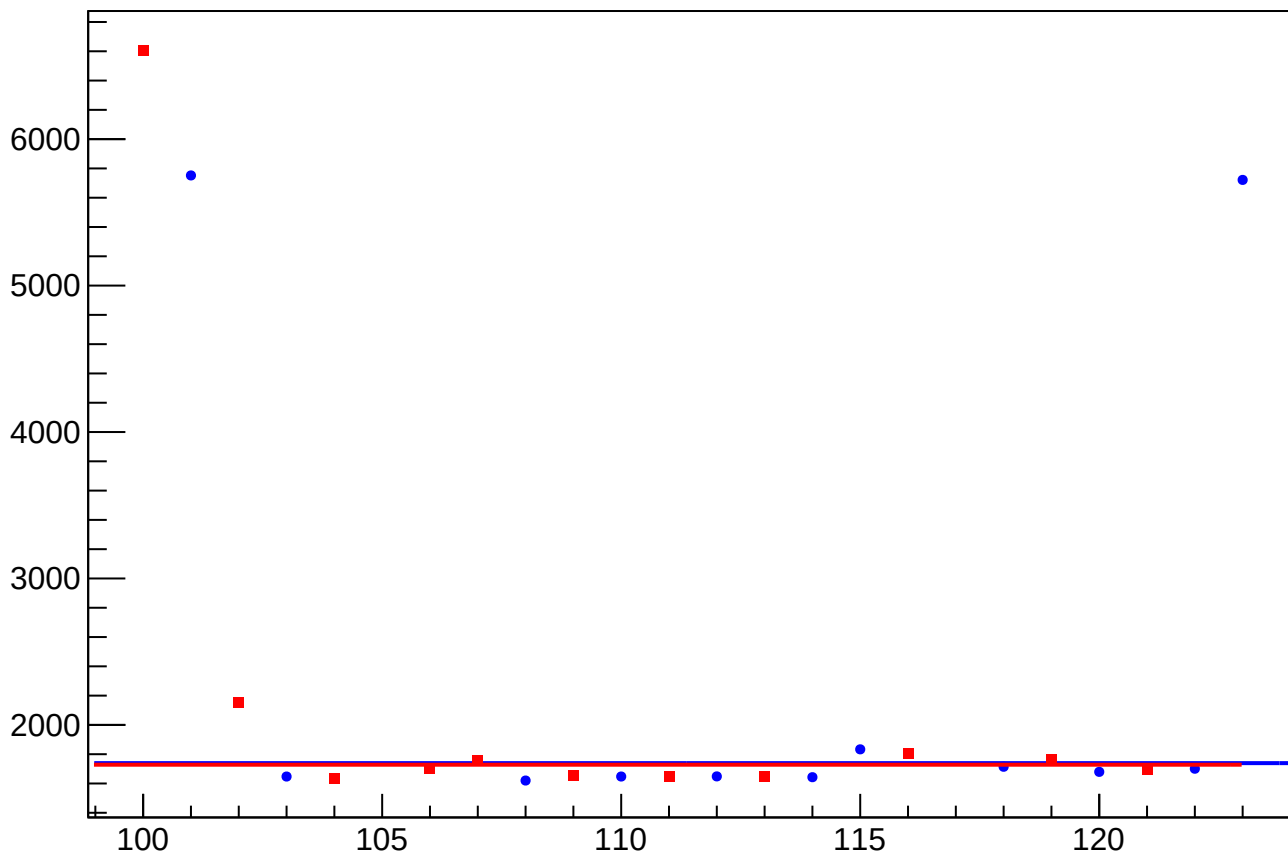
Right: 2172.910 $\pm$ 609.358 χ^2 /NDF: 15.4/21

In: 1538.262 $\pm$ 895.720 χ^2 /NDF: 6.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2172.910 $\pm$ 609.358 χ^2 /NDF: 15.4/21

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1739.019+/-0.633 χ^2/NDF : 690527.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1728.259+/-0.584 χ^2/NDF : 128227.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

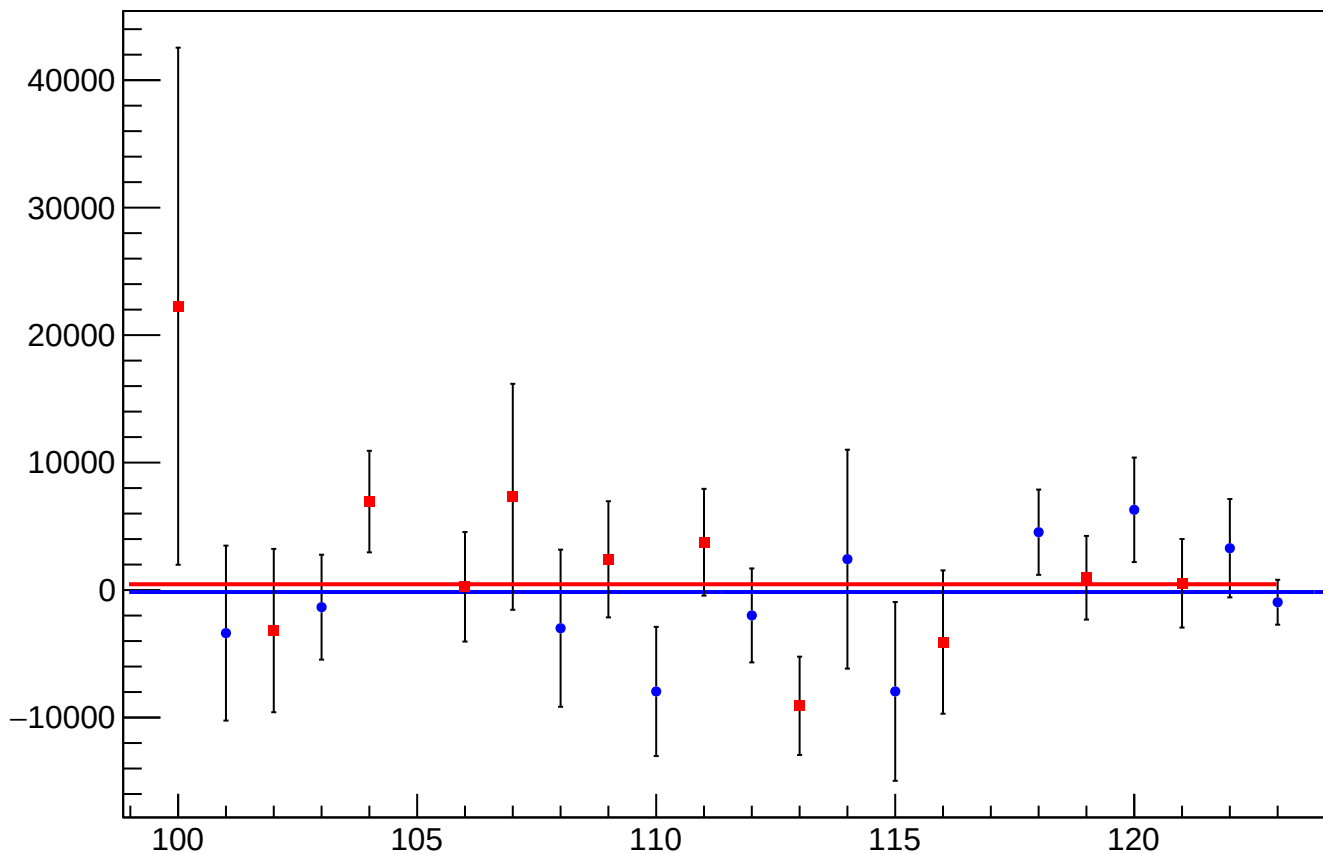
Right: 1733.207+/-0.429 χ^2/NDF : 818910.5/21

In: 1739.019+/-0.633 χ^2/NDF : 690527.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.207+/-0.429 χ^2/NDF : 818910.5/21

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -153.123+/-1124.145 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.840+/-1365.160 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

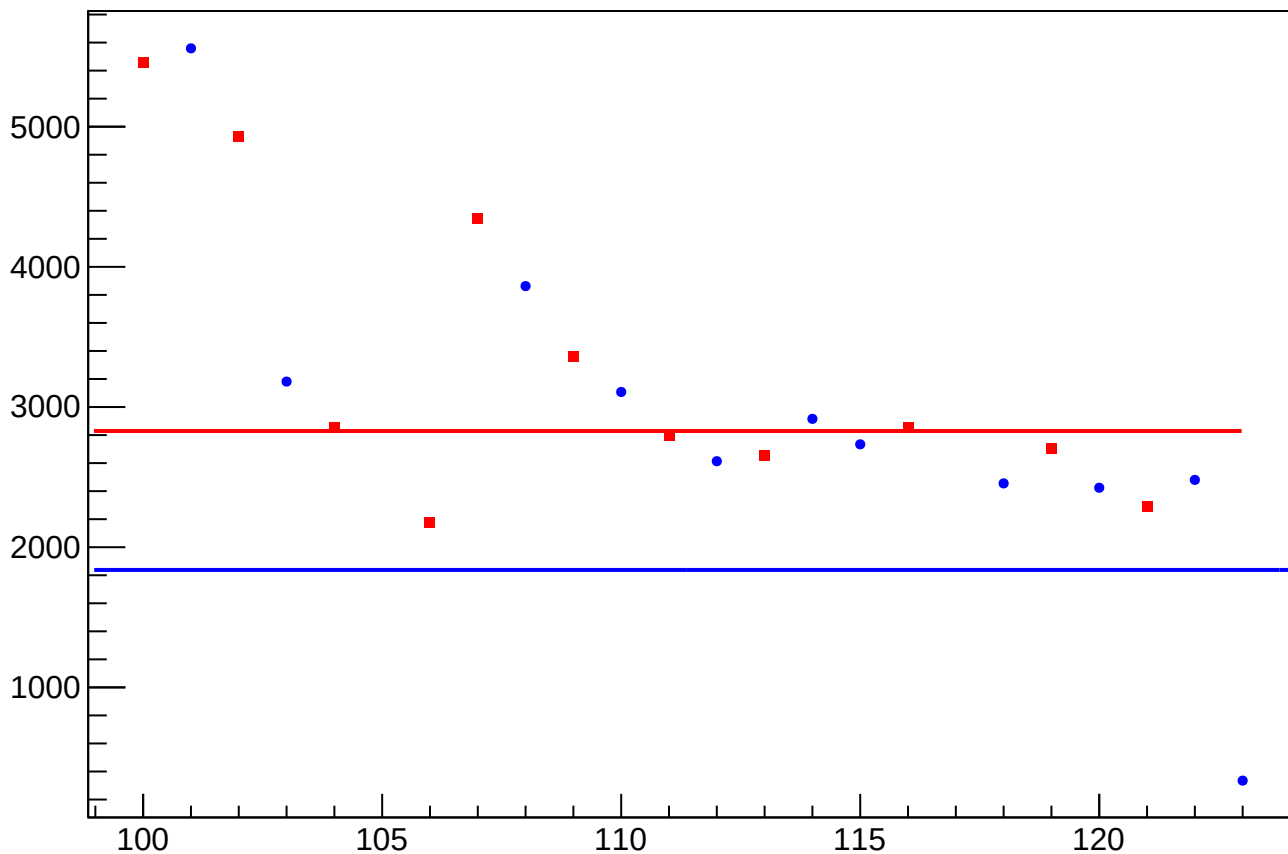
Right: 93.350+/-867.794 χ^2/NDF : 22.4/21

In: -153.123+/-1124.145 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.350+/-867.794 χ^2/NDF : 22.4/21

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1837.922+/-0.795 χ^2/NDF : 2915408.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2829.228+/-0.965 χ^2/NDF : 436245.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

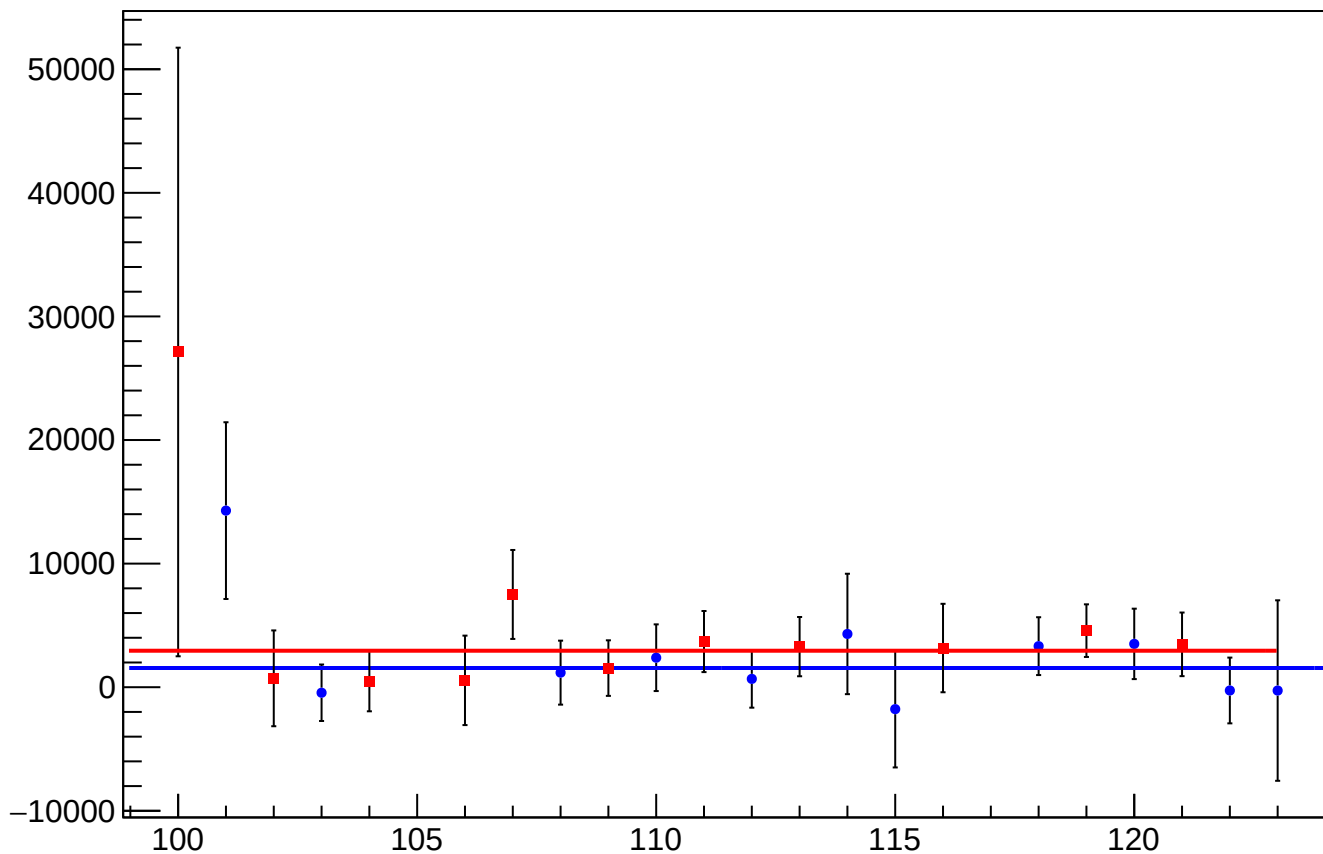
Right: 2238.488+/-0.614 χ^2/NDF : 3980099.9/21

In: 1837.922+/-0.795 χ^2/NDF : 2915408.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2238.488+/-0.614 χ^2/NDF : 3980099.9/21

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1554.308+/-899.714 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2951.945+/-852.749 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

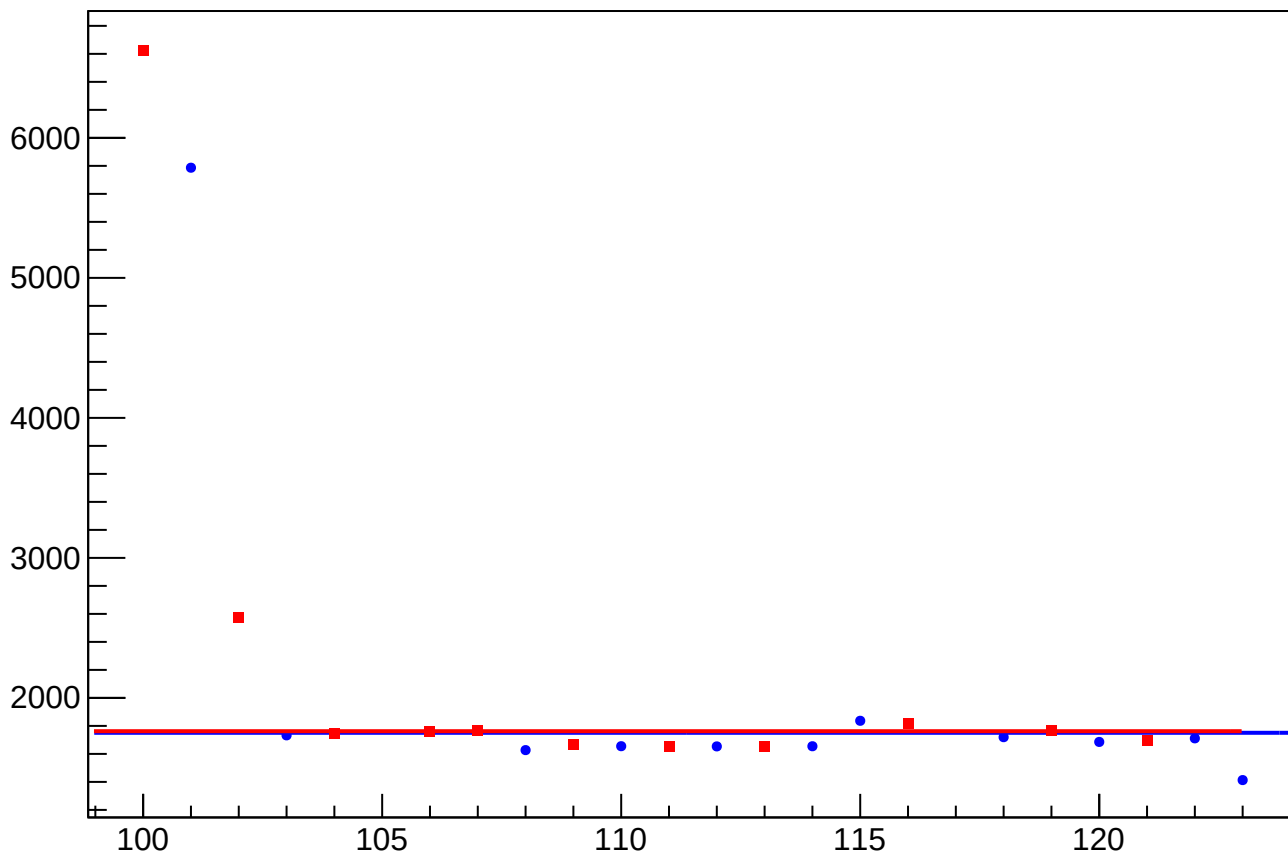
Right: 2290.556+/-618.922 χ^2/NDF : 13.3/21

In: 1554.308+/-899.714 χ^2/NDF : 6.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.556+/-618.922 χ^2/NDF : 13.3/21

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.789+/-0.636 χ^2/NDF : 655516.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1762.159+/-0.600 χ^2/NDF : 179175.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

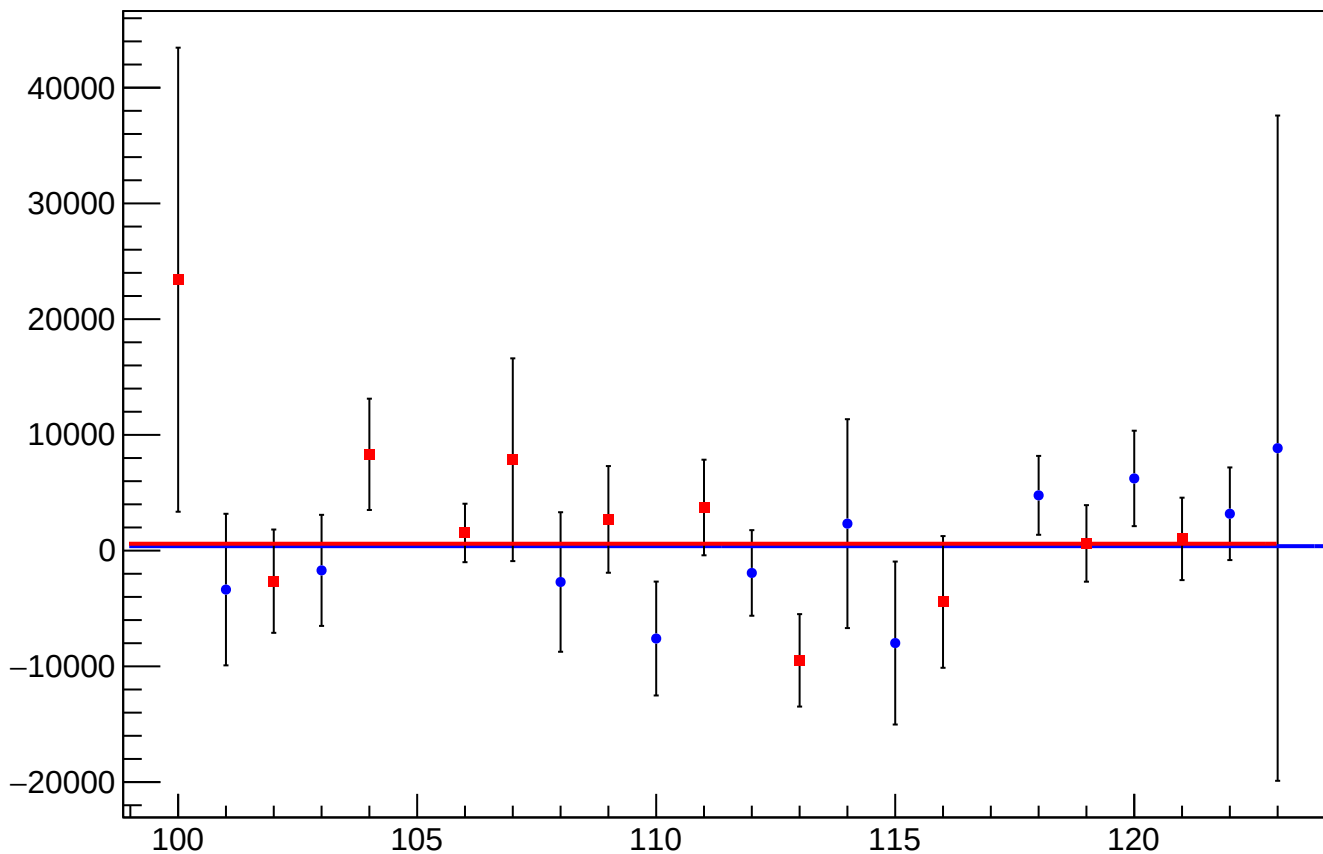
Right: 1756.804+/-0.437 χ^2/NDF : 834861.6/21

In: 1750.789+/-0.636 χ^2/NDF : 655516.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.804+/-0.437 χ^2/NDF : 834861.6/21

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 384.856+/-1491.204 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 595.505+/-1254.583 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

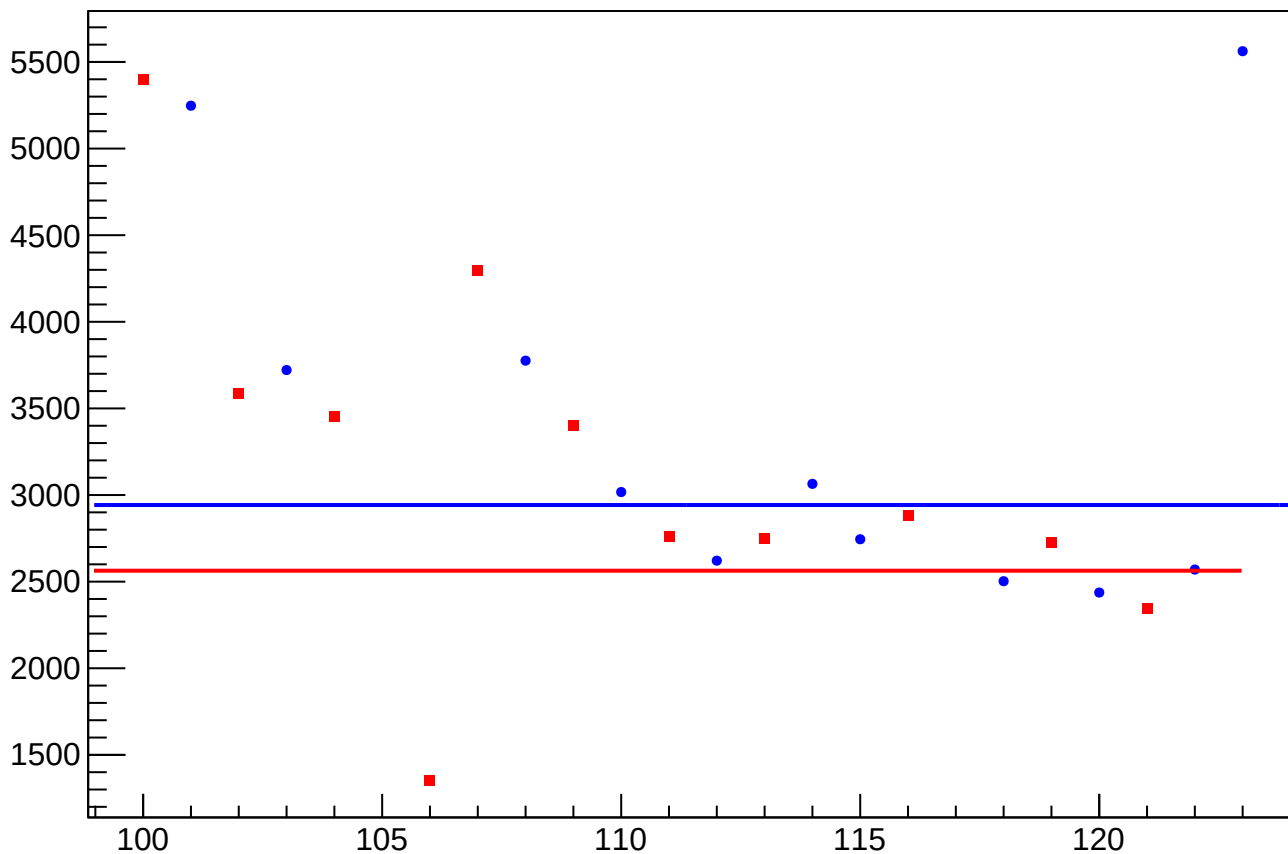
Right: 508.200+/-960.015 χ^2/NDF : 22.7/21

In: 384.856+/-1491.204 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.200+/-960.015 χ^2/NDF : 22.7/21

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2942.332+/-1.054 χ^2/NDF : 453589.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2563.162+/-0.887 χ^2/NDF : 844685.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

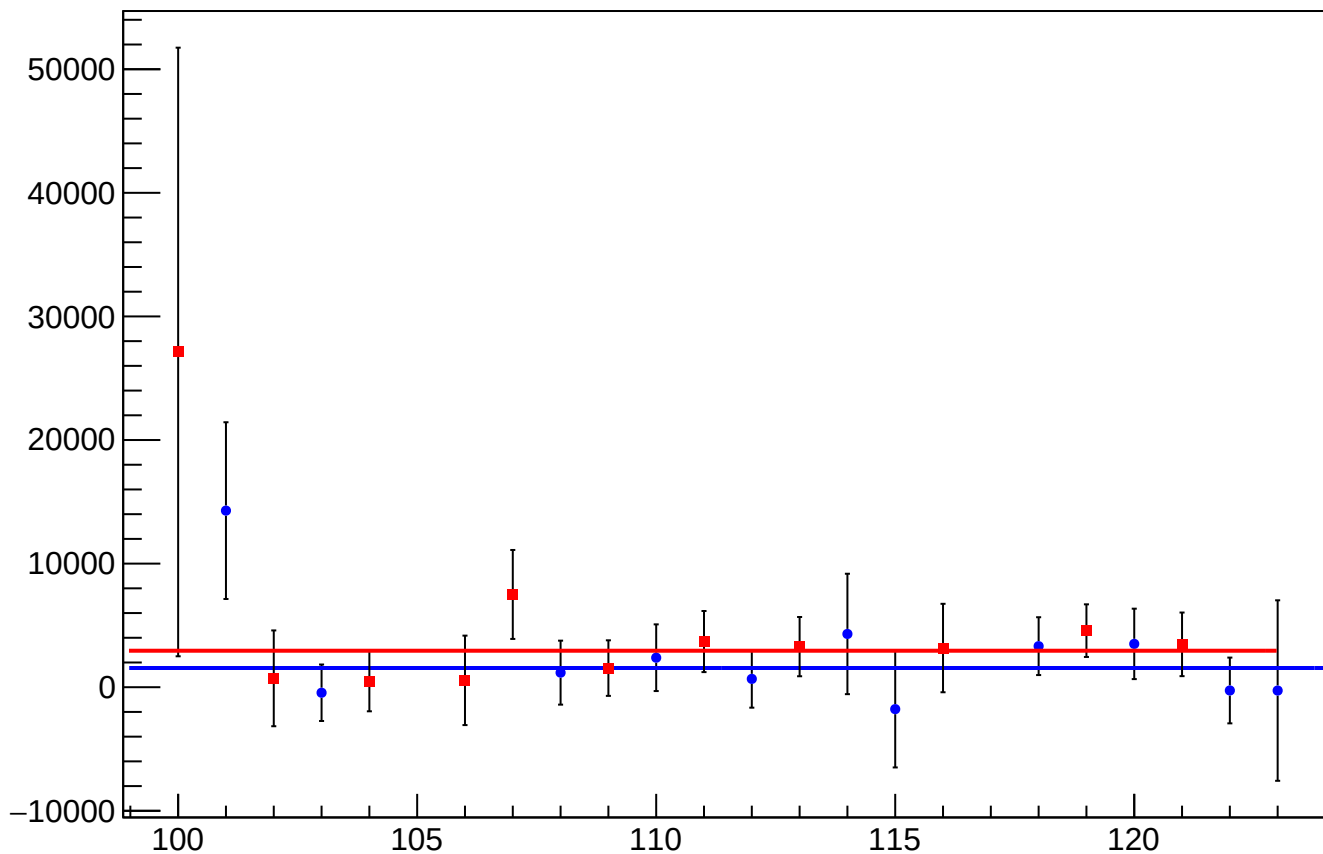
Right: 2720.313+/-0.679 χ^2/NDF : 1373990.3/21

In: 2942.332+/-1.054 χ^2/NDF : 453589.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2720.313+/-0.679 χ^2/NDF : 1373990.3/21

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1554.309+/-899.714 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2951.952+/-852.748 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

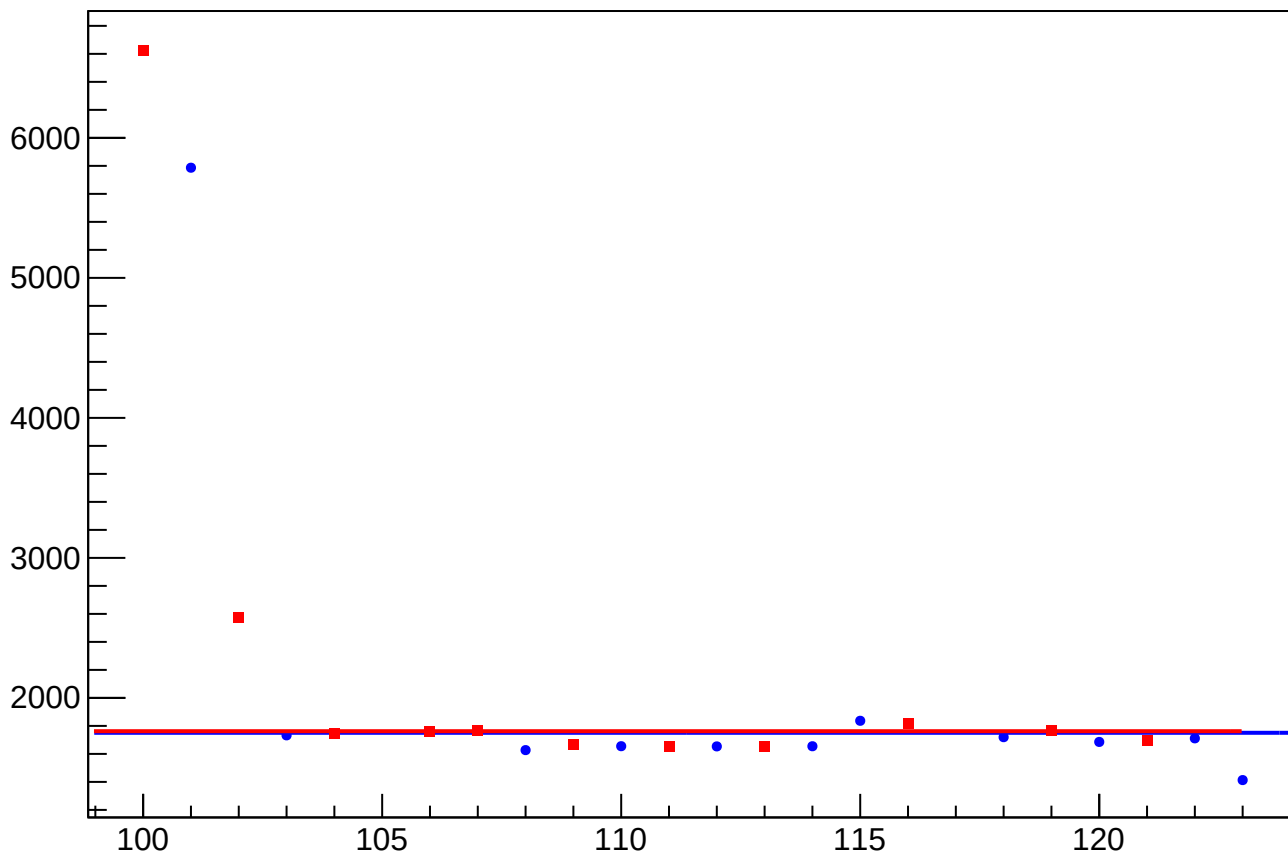
Right: 2290.560+/-618.922 χ^2/NDF : 13.3/21

In: 1554.309+/-899.714 χ^2/NDF : 6.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.560+/-618.922 χ^2/NDF : 13.3/21

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.788+/-0.636 χ^2/NDF : 655516.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1762.159+/-0.600 χ^2/NDF : 179175.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

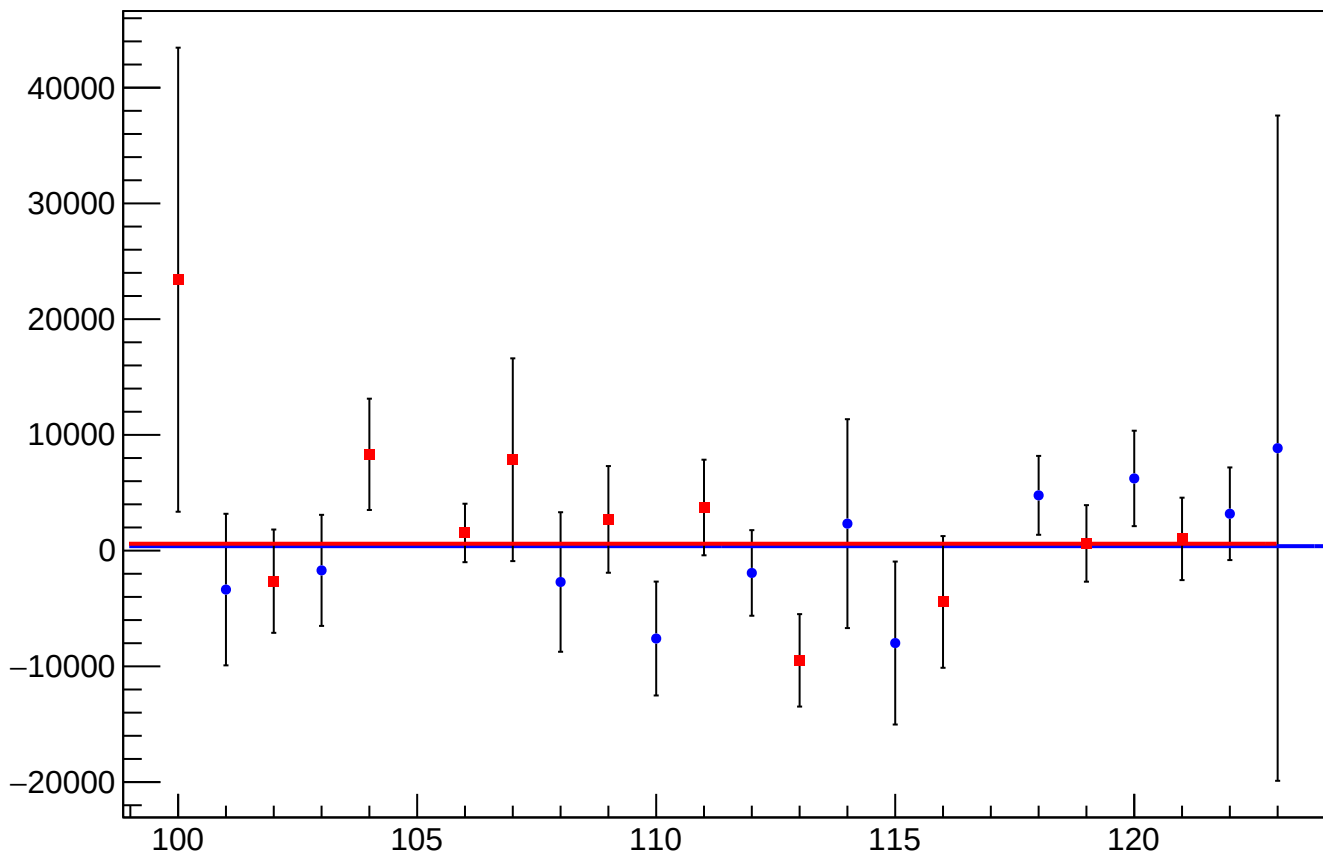
Right: 1756.803+/-0.437 χ^2/NDF : 834861.4/21

In: 1750.788+/-0.636 χ^2/NDF : 655516.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.803+/-0.437 χ^2/NDF : 834861.4/21

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 384.860+/-1491.198 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 595.502+/-1254.578 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

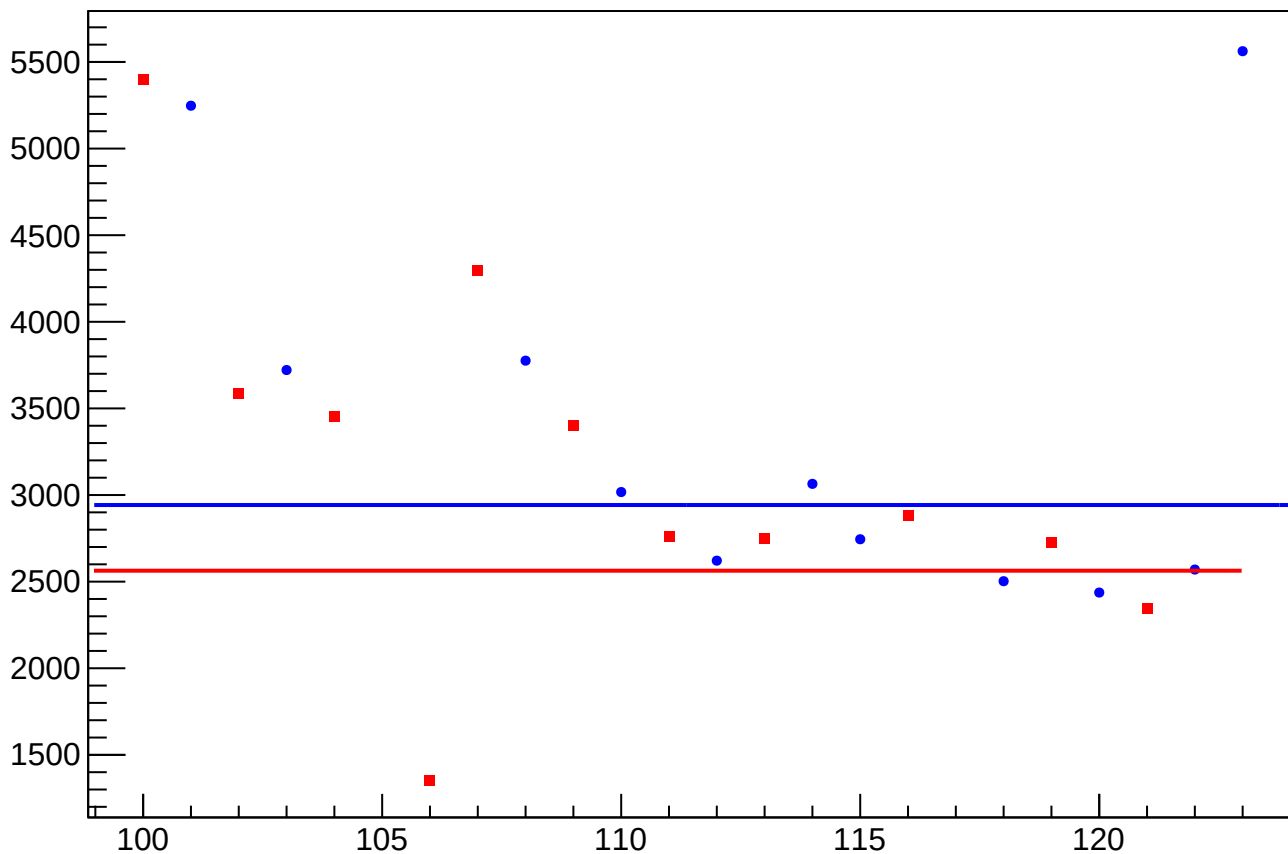
Right: 508.200+/-960.011 χ^2/NDF : 22.7/21

In: 384.860+/-1491.198 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.200+/-960.011 χ^2/NDF : 22.7/21

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2942.319+/-1.054 χ^2/NDF : 453594.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2563.149+/-0.887 χ^2/NDF : 844698.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

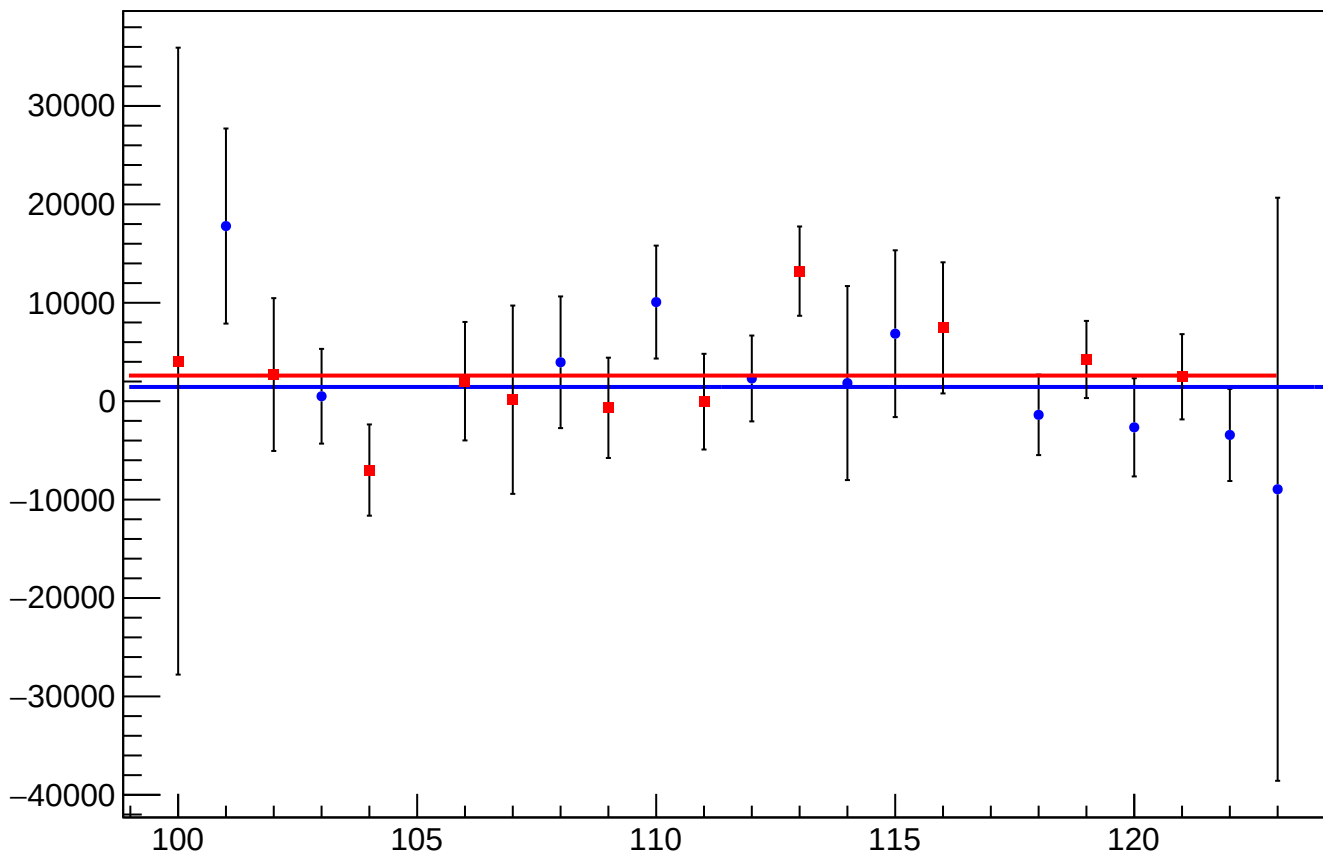
Right: 2720.299+/-0.679 χ^2/NDF : 1374008.4/21

In: 2942.319+/-1.054 χ^2/NDF : 453594.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2720.299+/-0.679 χ^2/NDF : 1374008.4/21

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1446.074+/-1741.937 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2603.818+/-1637.608 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

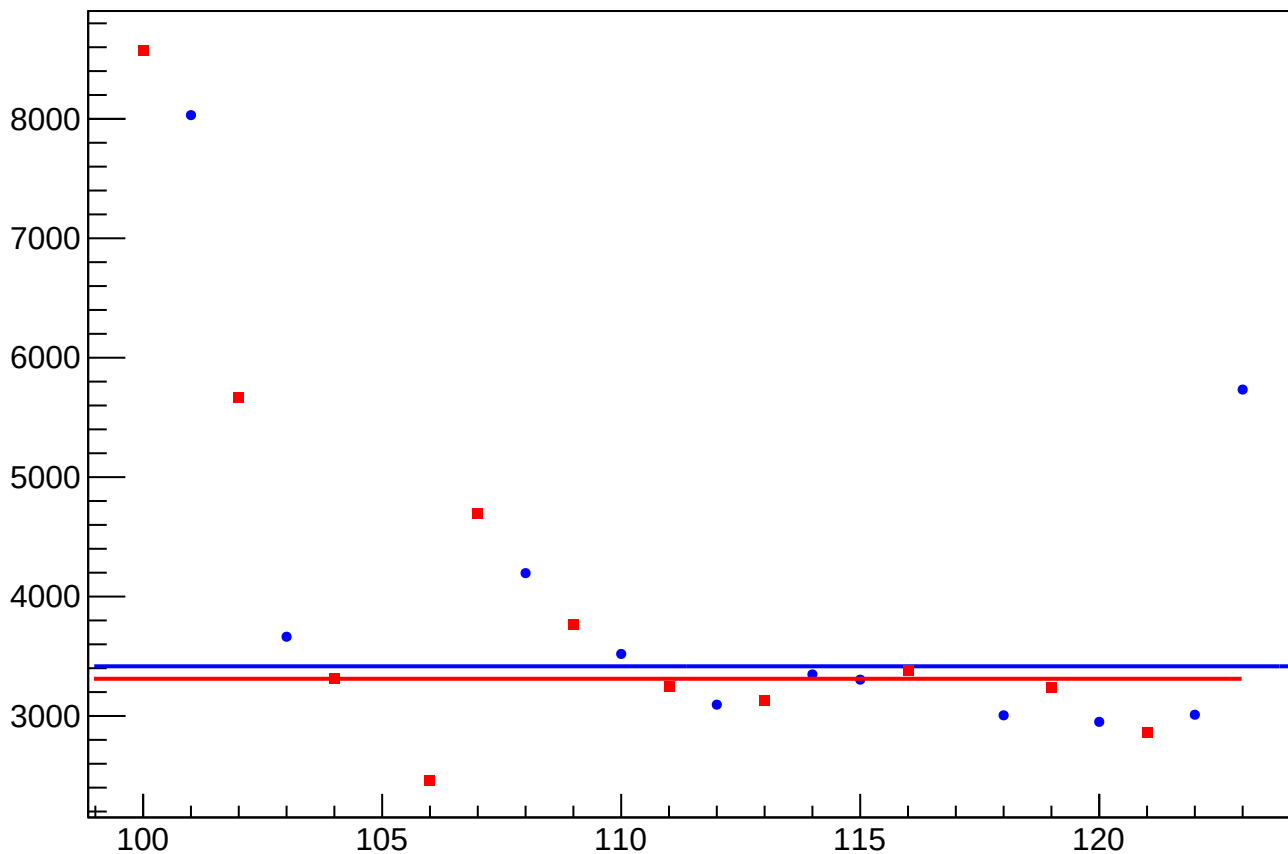
Right: 2060.652+/-1193.143 χ^2/NDF : 19.5/21

In: 1446.074+/-1741.937 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.652+/-1193.143 χ^2/NDF : 19.5/21

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3416.000+/-1.232 χ^2/NDF : 542803.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3311.637+/-1.132 χ^2/NDF : 387473.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

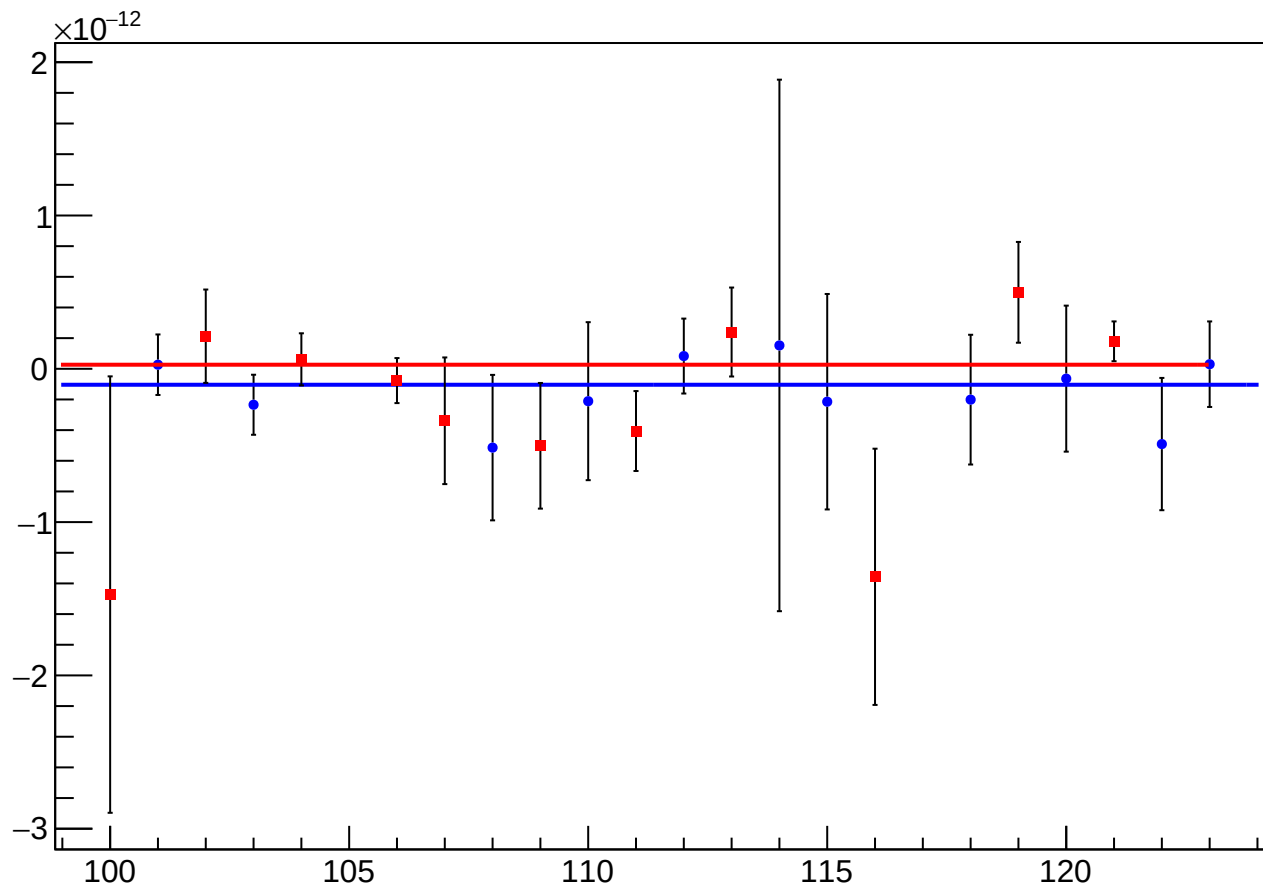
Right: 3359.410+/-0.833 χ^2/NDF : 934168.9/21

In: 3416.000+/-1.232 χ^2/NDF : 542803.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3359.410+/-0.833 χ^2/NDF : 934168.9/21

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

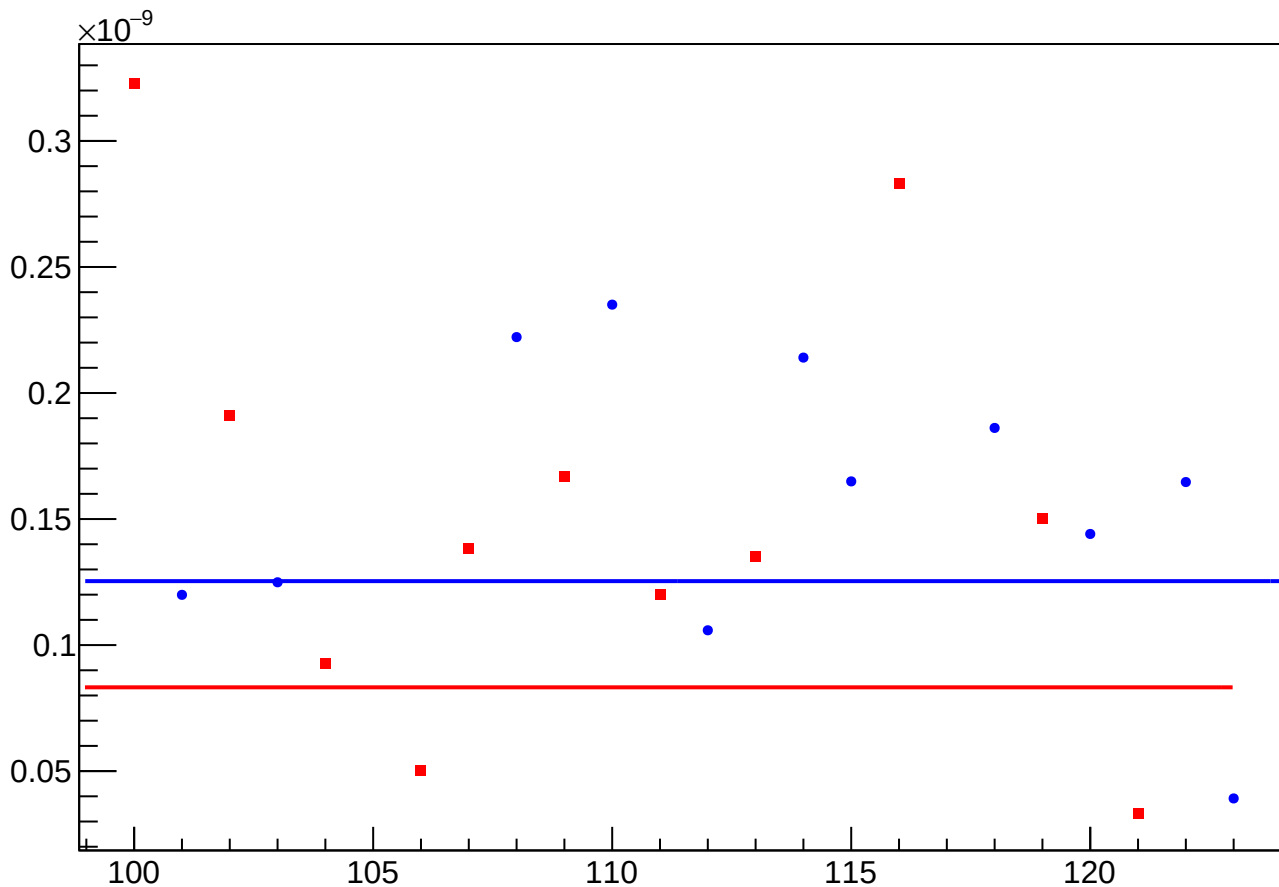
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.5/21

In: -0.000 $\pm$ 0.000 χ^2 /NDF:3.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.5/21

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 451665.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1134709.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

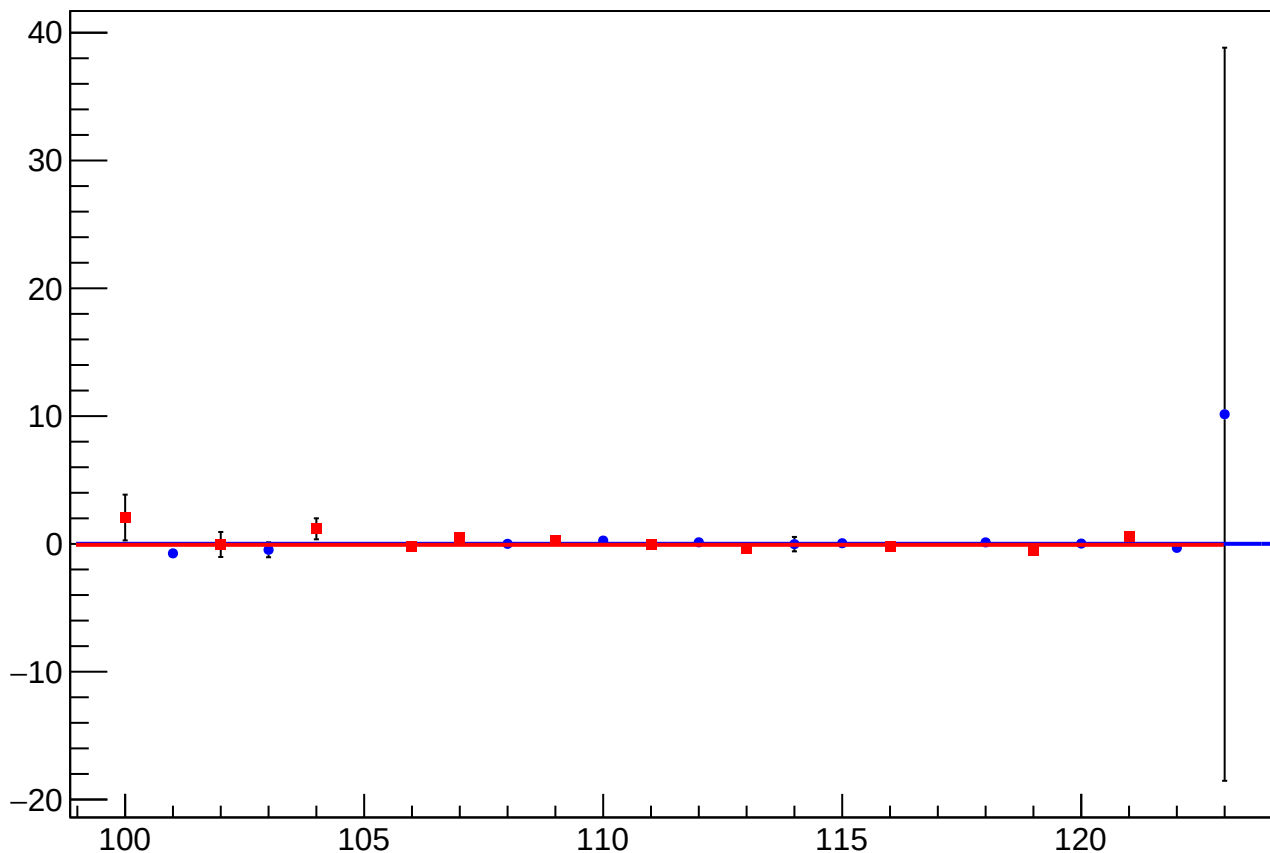
Right: 0.000+/-0.000 χ^2/NDF : 1834574.8/21

In: 0.000+/-0.000 χ^2/NDF : 451665.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1834574.8/21

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.071 χ^2 /NDF: 11.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.070 $\pm$ 0.062 χ^2 /NDF: 35.4/10

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

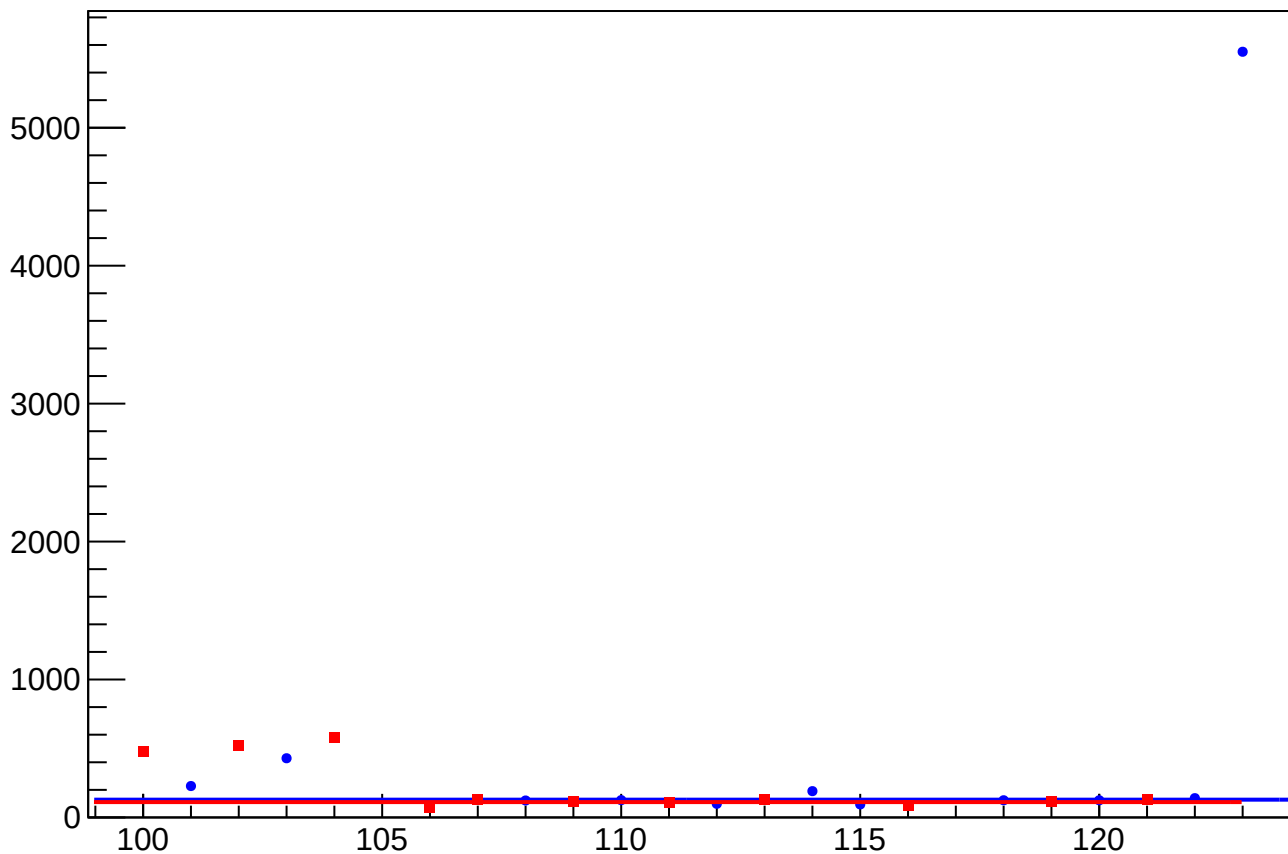
Right: -0.036 $\pm$ 0.046 χ^2 /NDF: 47.6/21

In: 0.008 $\pm$ 0.071 χ^2 /NDF:11.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.036 $\pm$ 0.046 χ^2 /NDF: 47.6/21

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.975+/-0.050 χ^2/NDF : 974725.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.389+/-0.044 χ^2/NDF : 1314970.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

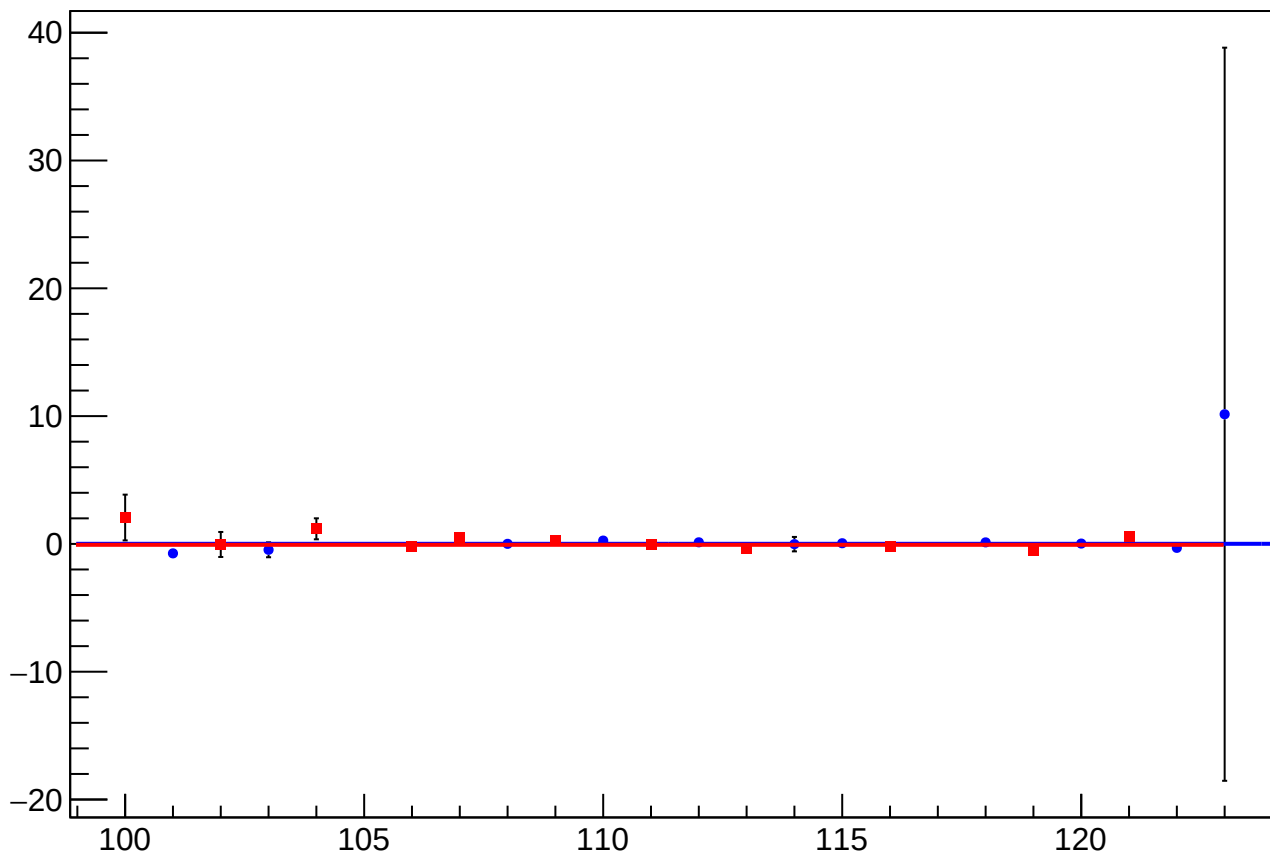
Right: 118.967+/-0.033 χ^2/NDF : 2360076.6/21

In: 128.975+/-0.050 χ^2/NDF : 974725.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.967+/-0.033 χ^2/NDF : 2360076.6/21

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.071 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.062 χ^2/NDF : 35.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

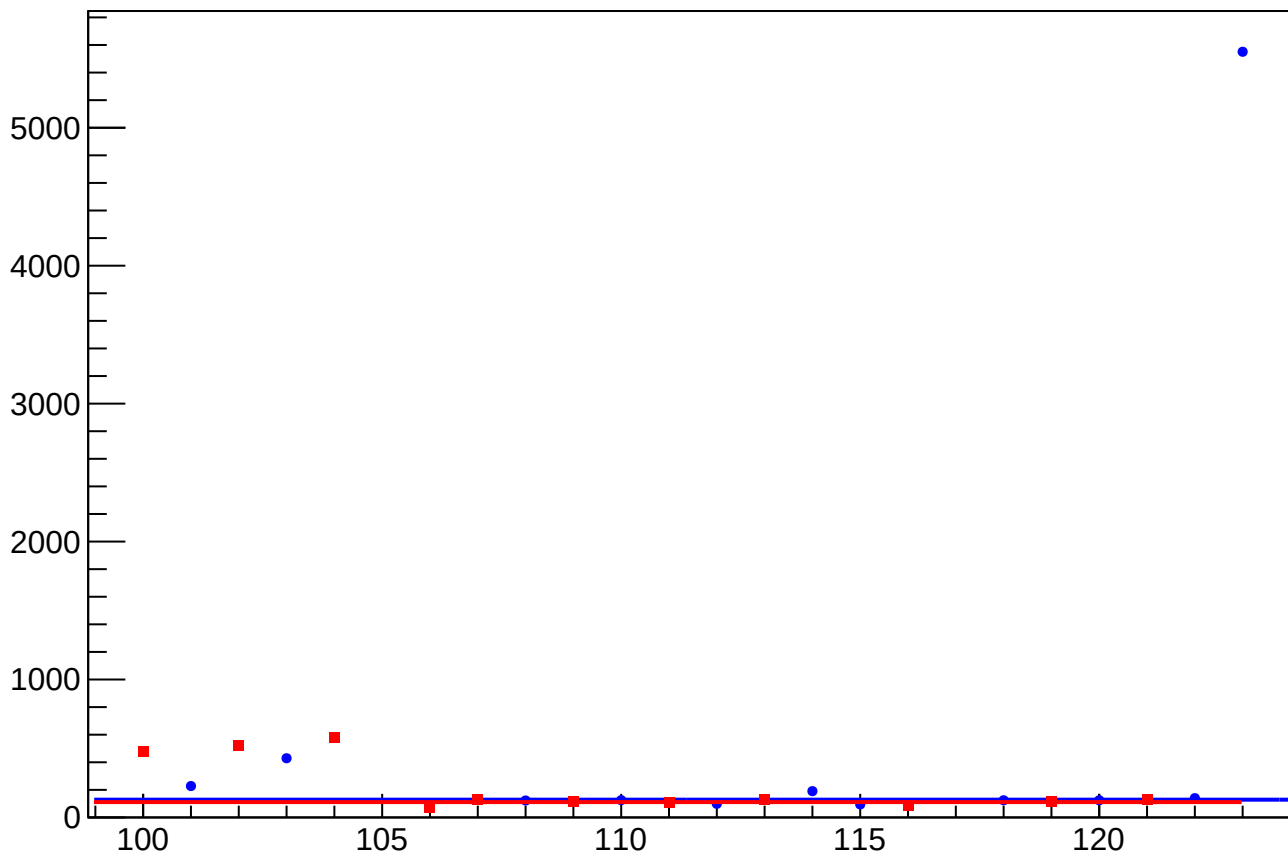
Right: -0.036+/-0.046 χ^2/NDF : 47.6/21

In: 0.008+/-0.071 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.046 χ^2/NDF : 47.6/21

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.975+/-0.050 χ^2/NDF : 974725.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.389+/-0.044 χ^2/NDF : 1314970.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

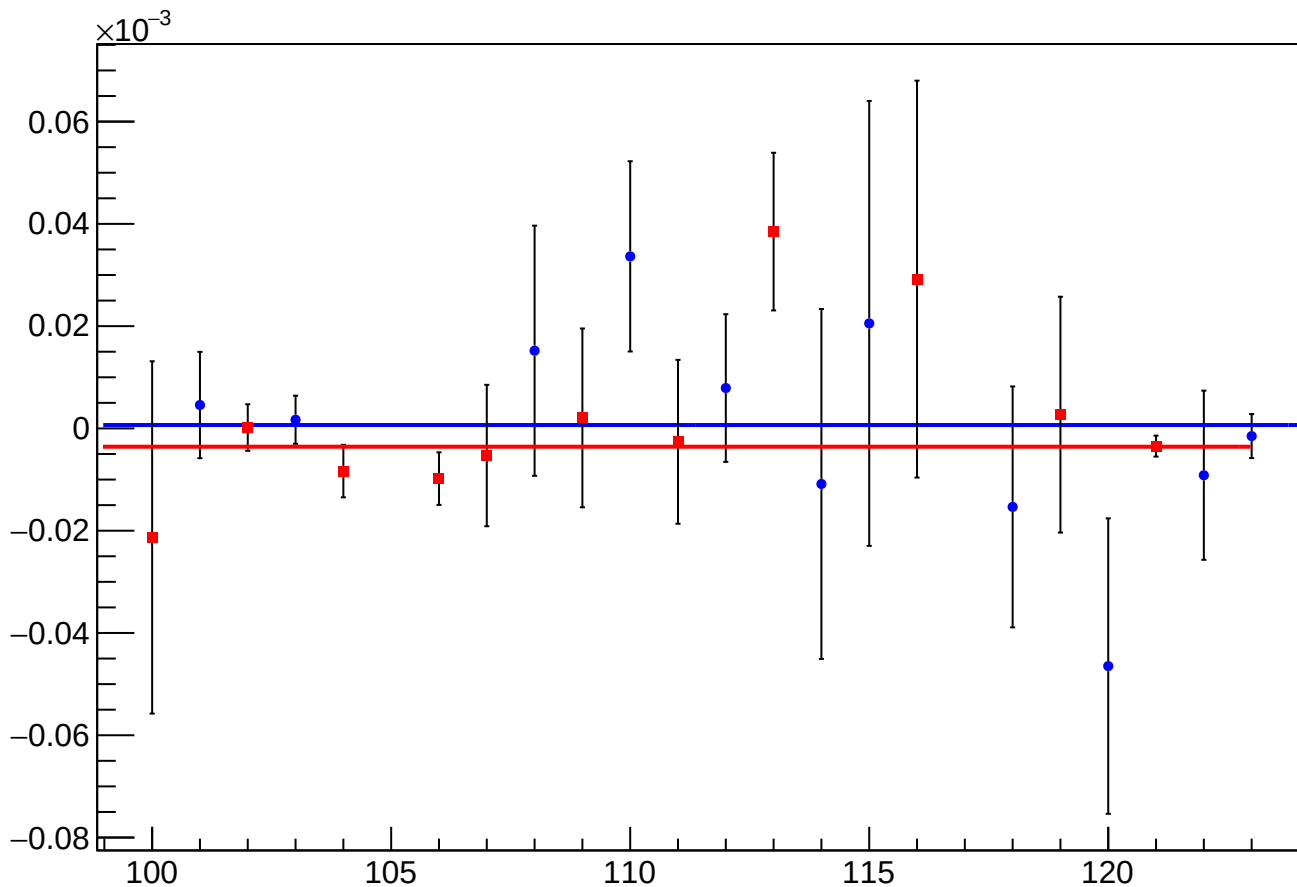
Right: 118.967+/-0.033 χ^2/NDF : 2360076.6/21

In: 128.975+/-0.050 χ^2/NDF : 974725.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.967+/-0.033 χ^2/NDF : 2360076.6/21

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/10

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

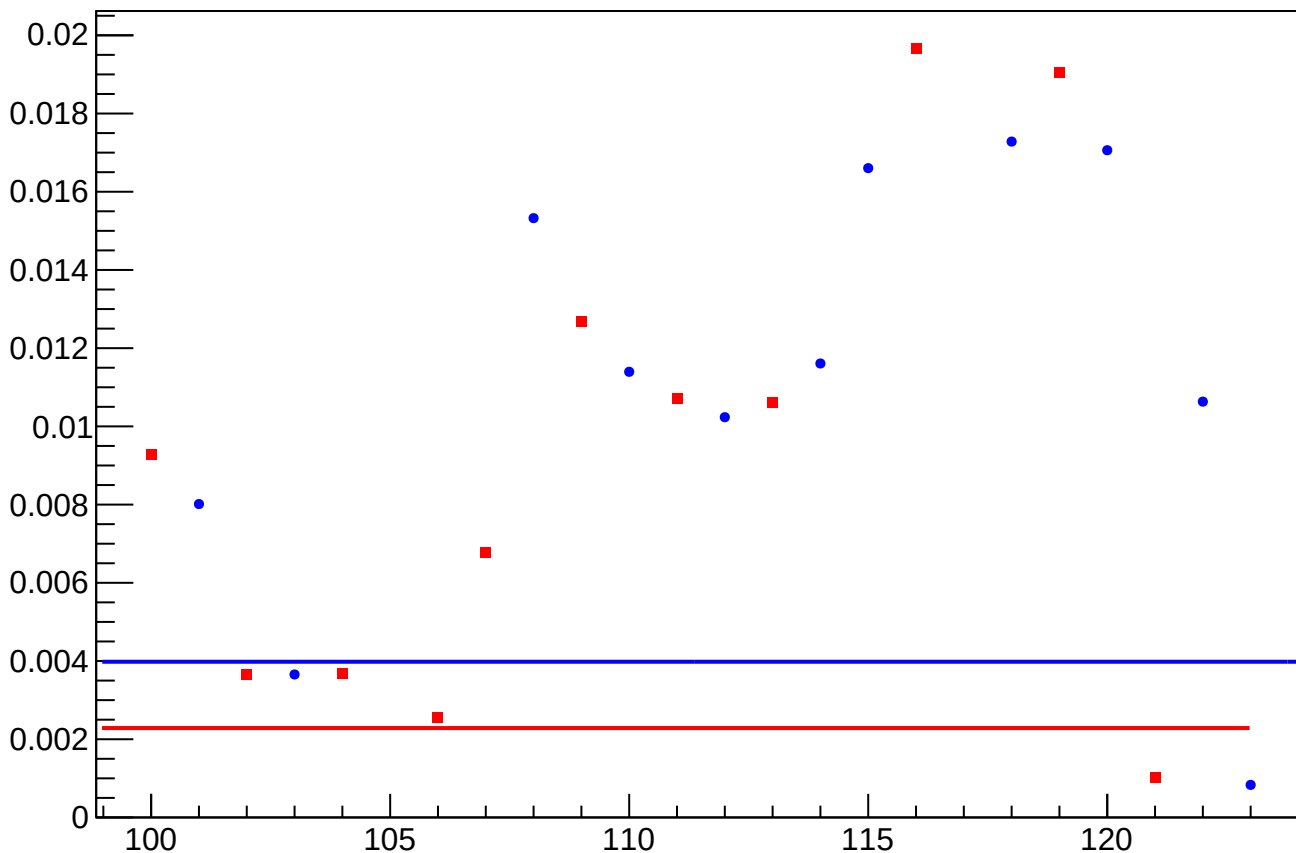
Right: -0.000+/-0.000 χ^2/NDF : 21.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/21

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 4144228.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4708059.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

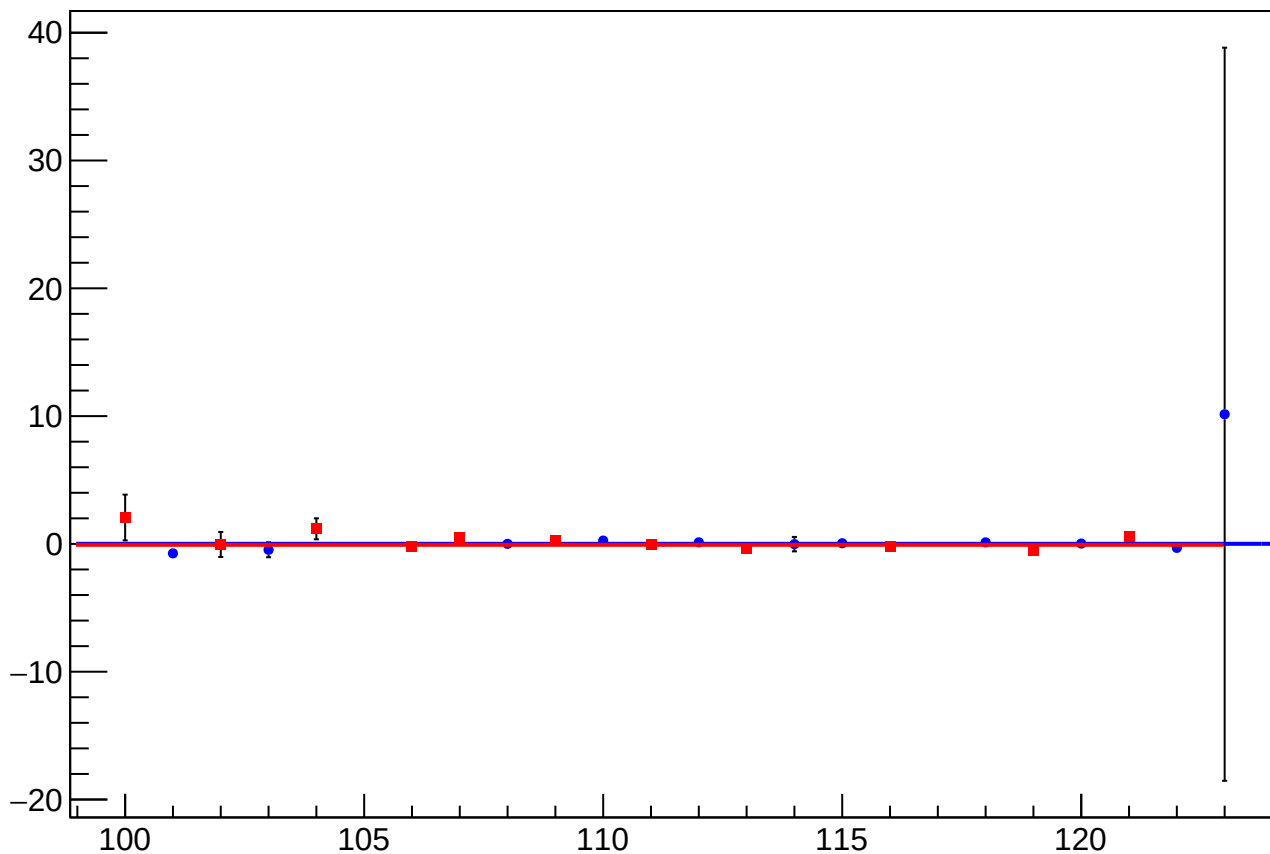
Right: 0.003+/-0.000 χ^2/NDF : 9396902.2/21

In: 0.004+/-0.000 χ^2/NDF :4144228.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9396902.2/21

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.071 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.062 χ^2/NDF : 35.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

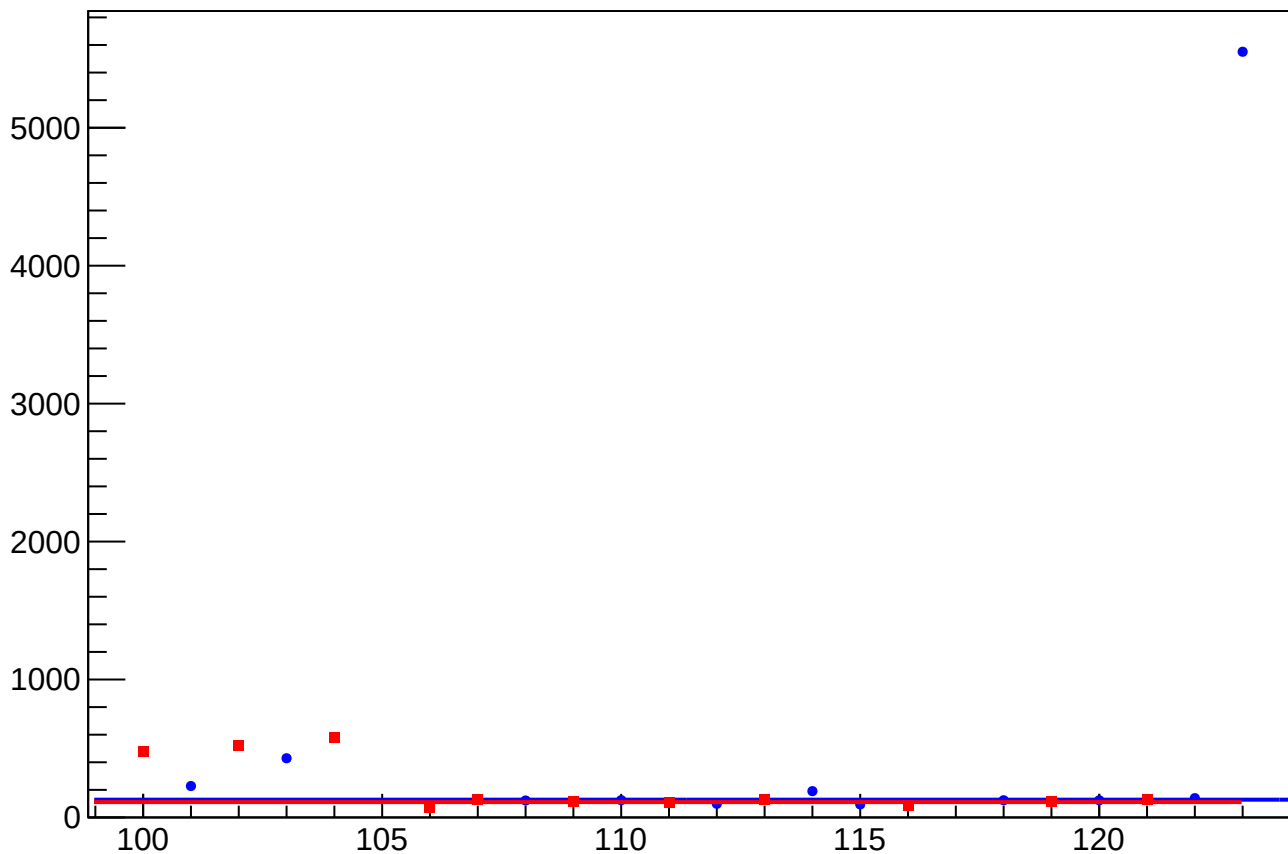
Right: -0.036+/-0.046 χ^2/NDF : 47.6/21

In: 0.008+/-0.071 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.046 χ^2/NDF : 47.6/21

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.978+/-0.050 χ^2/NDF : 974672.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.391+/-0.044 χ^2/NDF : 1314930.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

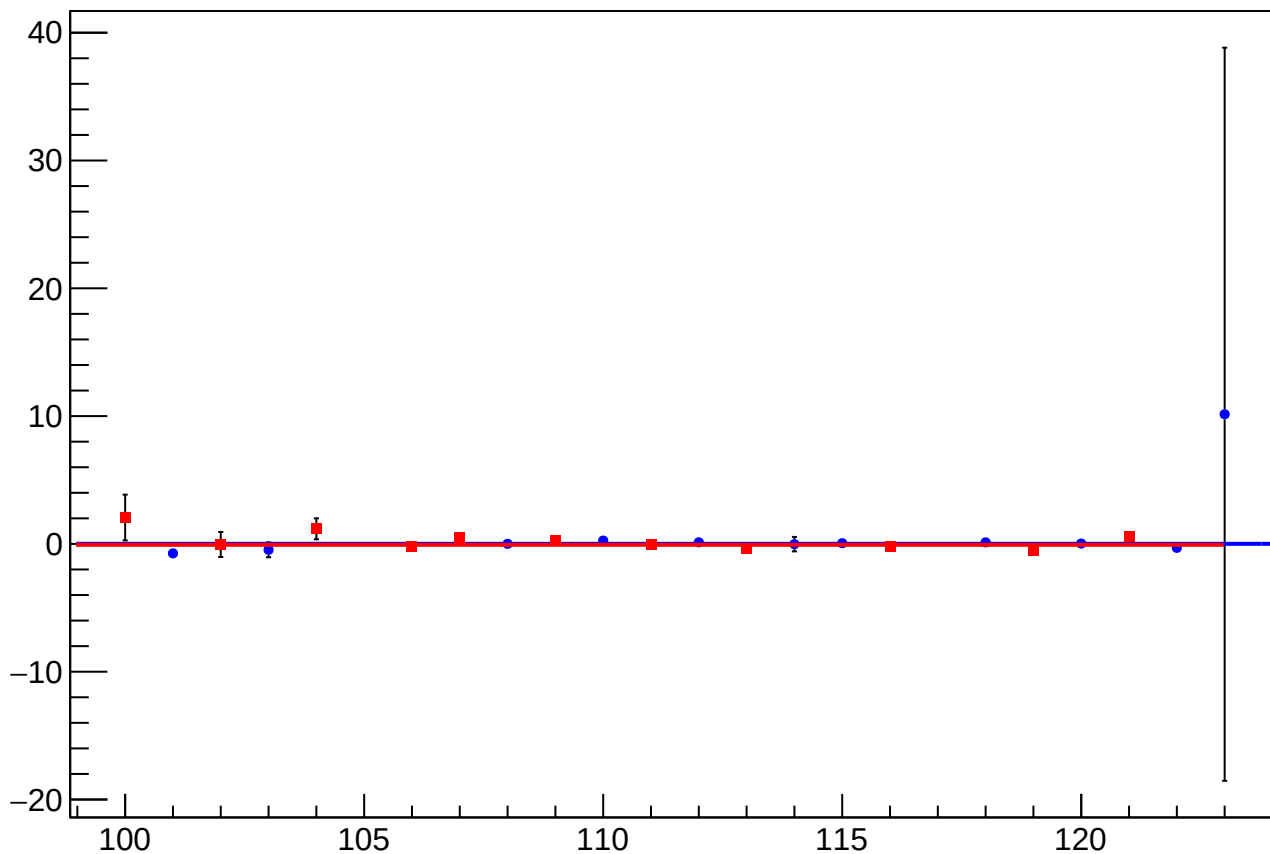
Right: 118.969+/-0.033 χ^2/NDF : 2359988.6/21

In: 128.978+/-0.050 χ^2/NDF : 974672.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.969+/-0.033 χ^2/NDF : 2359988.6/21

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.071 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.062 χ^2/NDF : 35.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

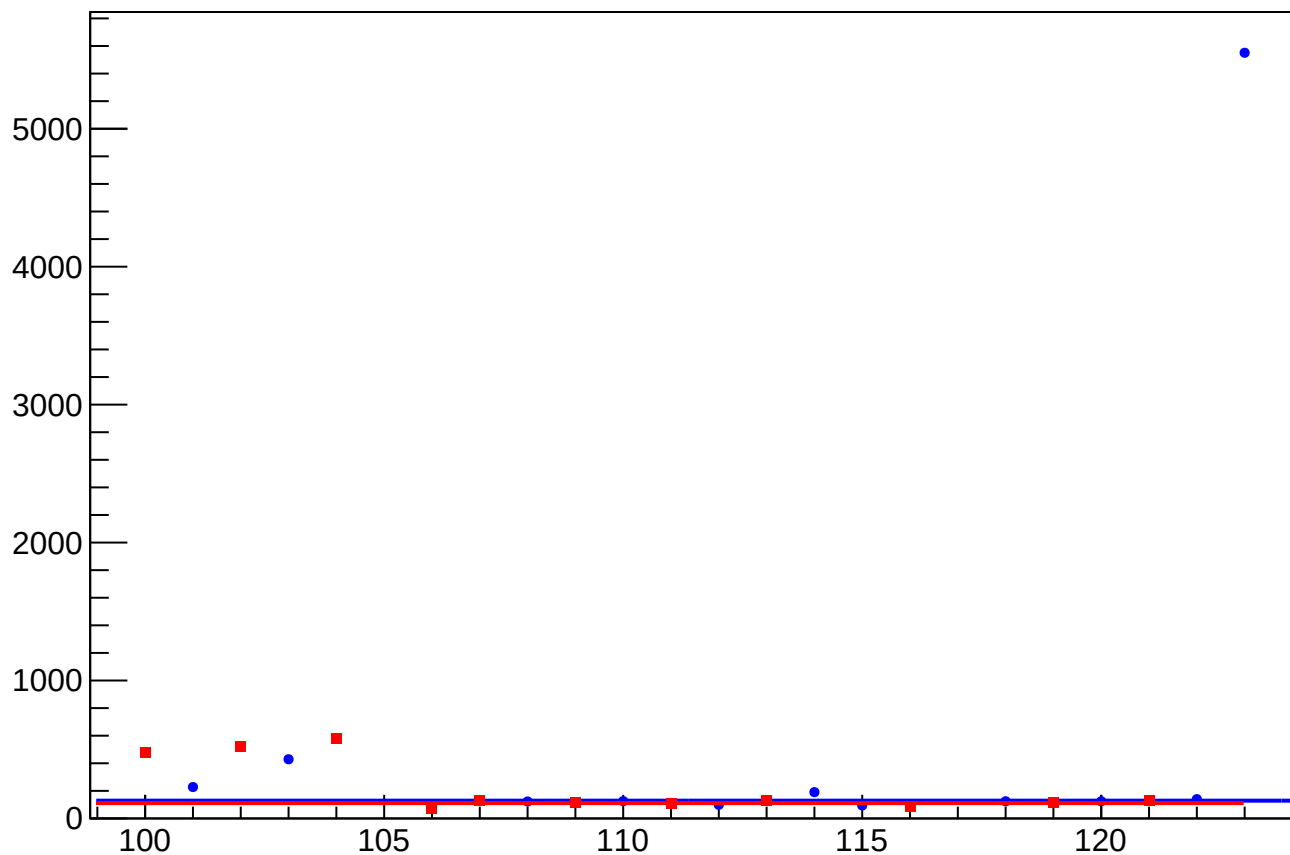
Right: -0.036+/-0.046 χ^2/NDF : 47.6/21

In: 0.008+/-0.071 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.046 χ^2/NDF : 47.6/21

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.978+/-0.050 χ^2/NDF : 974672.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.391+/-0.044 χ^2/NDF : 1314930.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

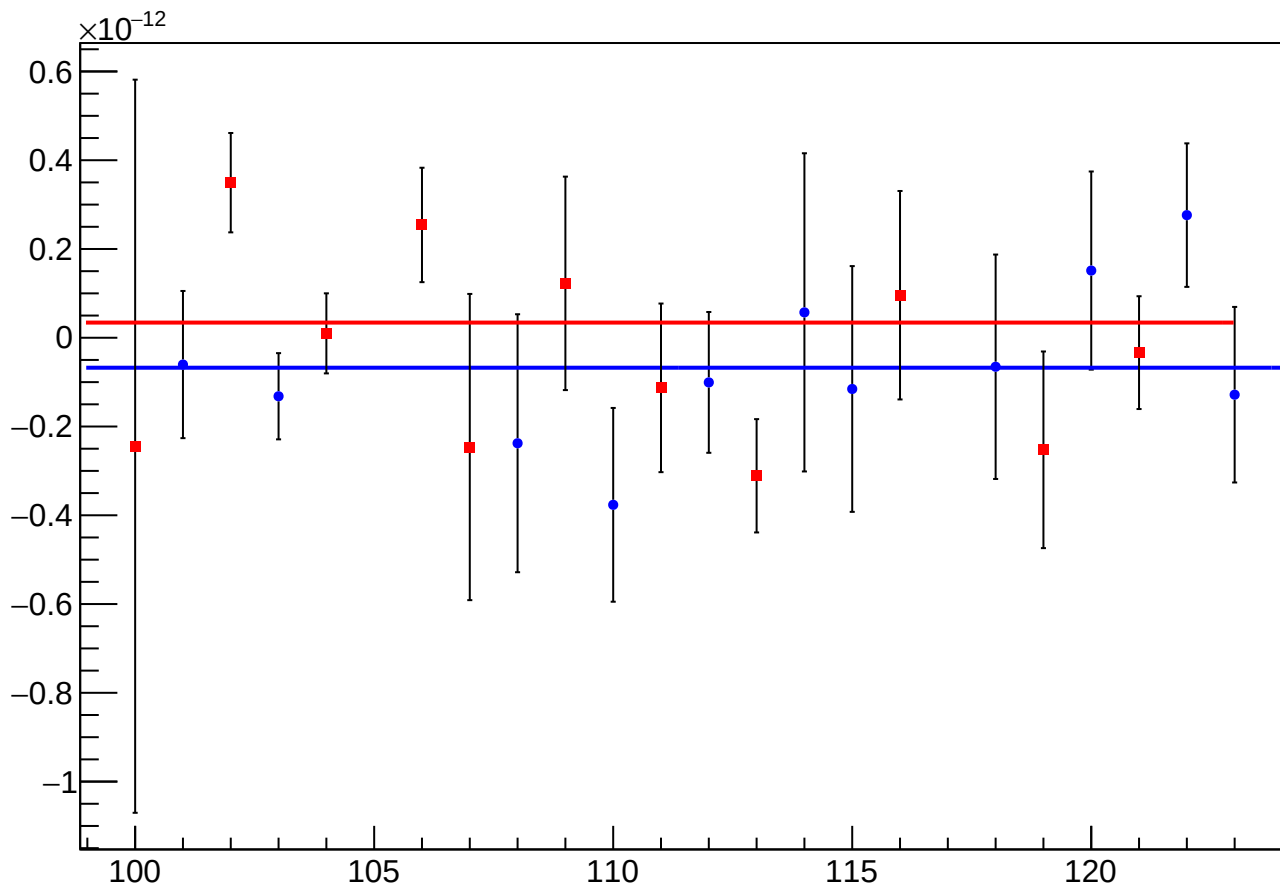
Right: 118.969+/-0.033 χ^2/NDF : 2359988.6/21

In: 128.978+/-0.050 χ^2/NDF : 974672.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.969+/-0.033 χ^2/NDF : 2359988.6/21

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

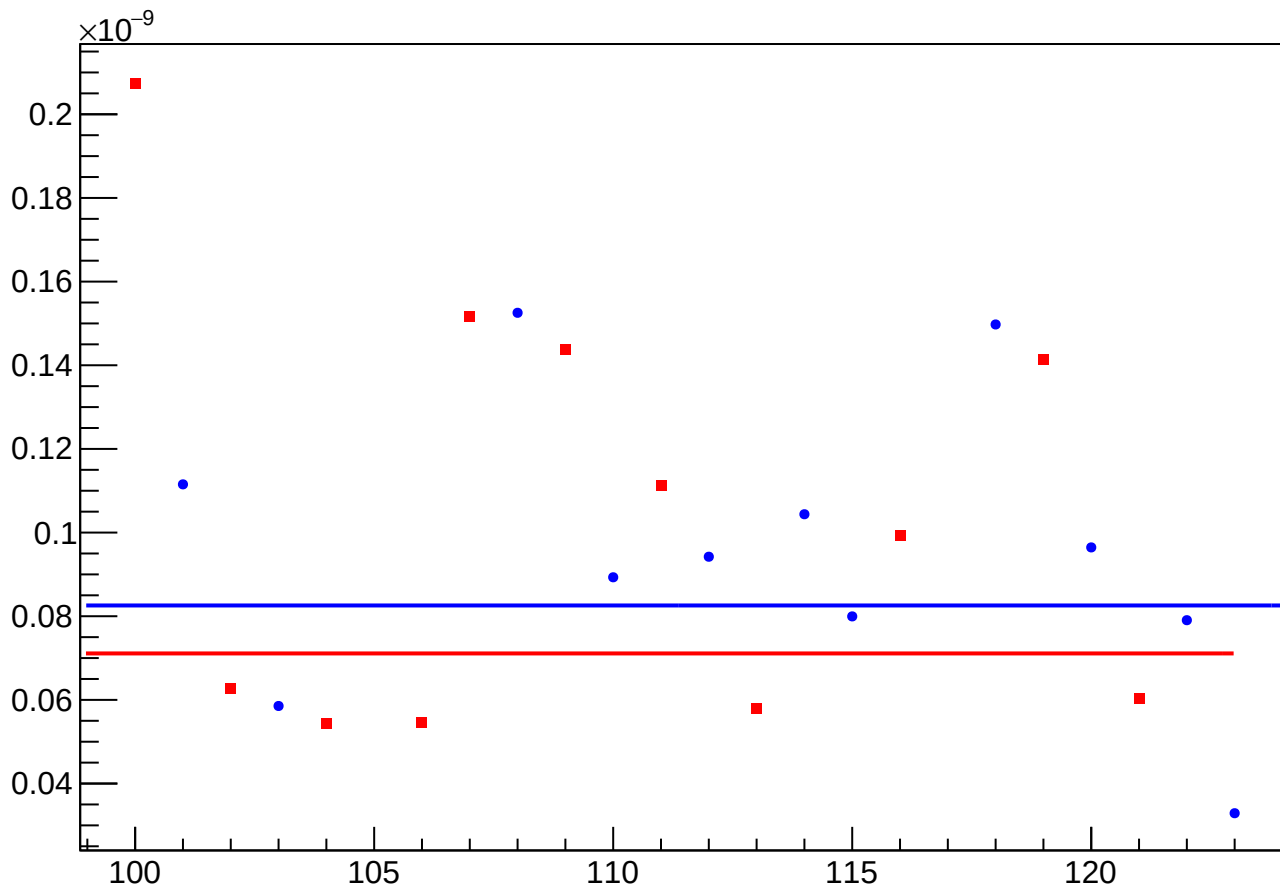
Right: -0.000+/-0.000 χ^2/NDF : 32.4/21

In: -0.000+/-0.000 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.4/21

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 595599.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 814127.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

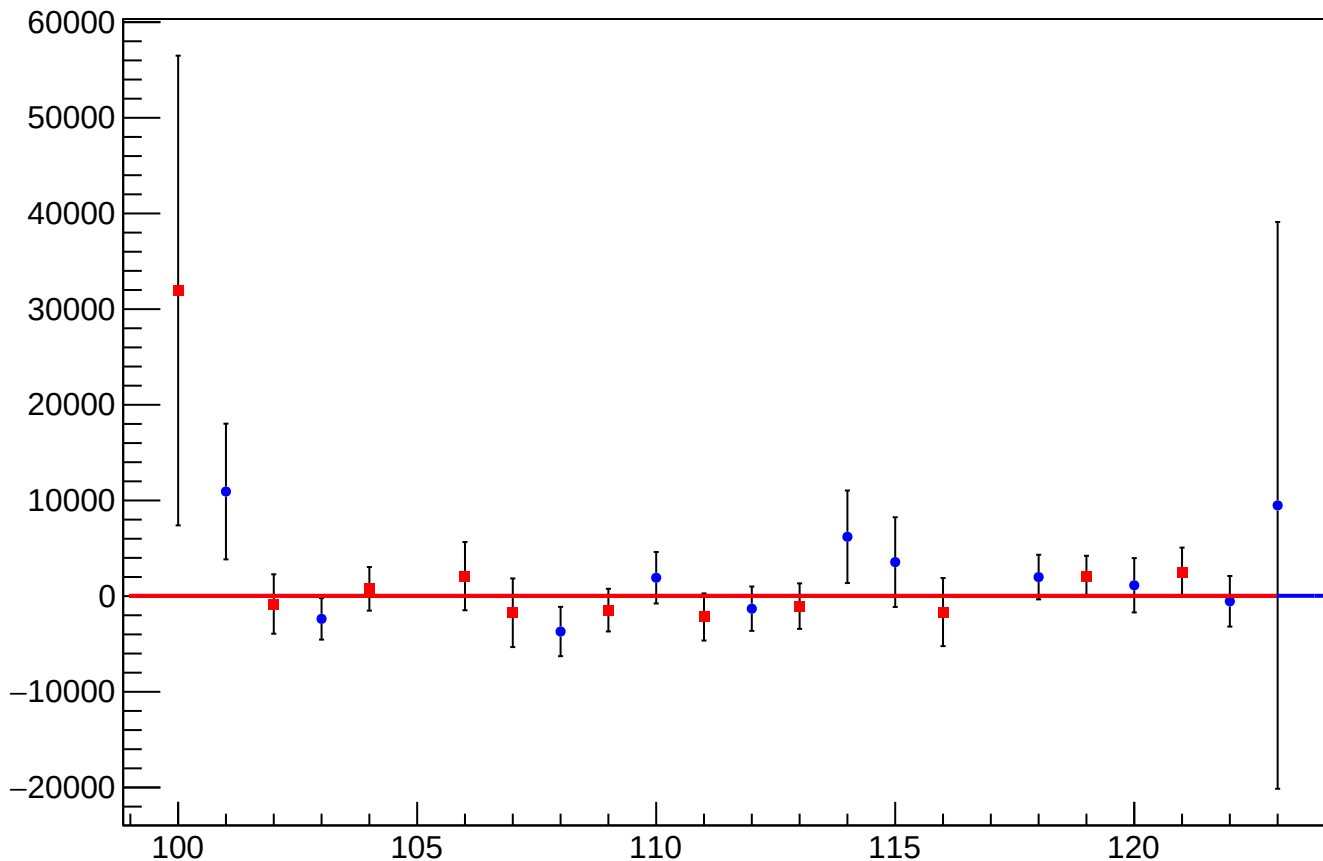
Right: 0.000+/-0.000 χ^2/NDF : 1461631.4/21

In: 0.000+/-0.000 χ^2/NDF : 595599.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1461631.4/21

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 36.234+/-895.314 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.963+/-830.080 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

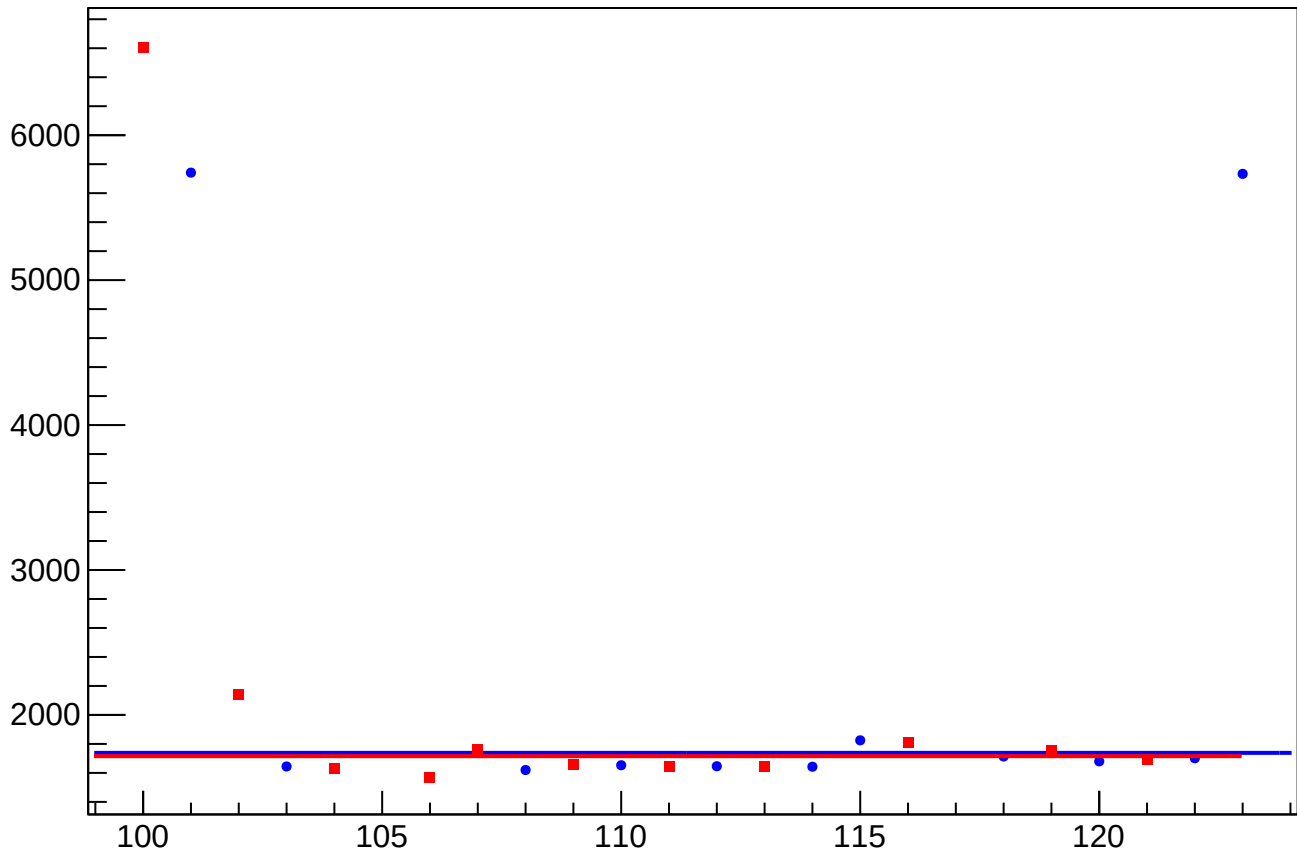
Right: 25.871+/-608.712 χ^2/NDF : 15.7/21

In: 36.234+/-895.314 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.871+/-608.712 χ^2/NDF : 15.7/21

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.323+/-0.633 χ^2/NDF : 689592.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.426+/-0.580 χ^2/NDF : 132473.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

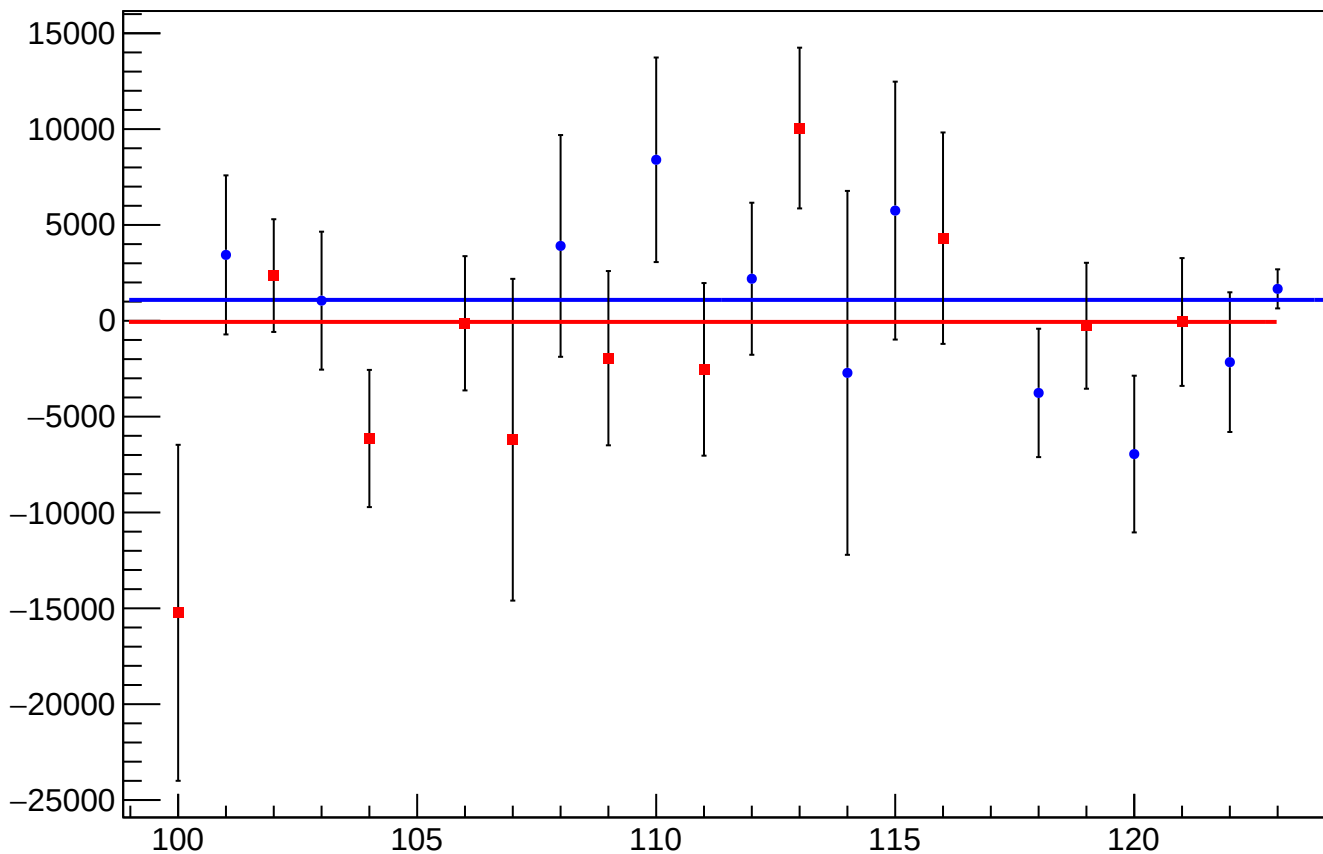
Right: 1725.876+/-0.428 χ^2/NDF : 822776.3/21

In: 1738.323+/-0.633 χ^2/NDF : 689592.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.876+/-0.428 χ^2/NDF : 822776.3/21

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1090.545+/-820.964 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.908+/-1219.305 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

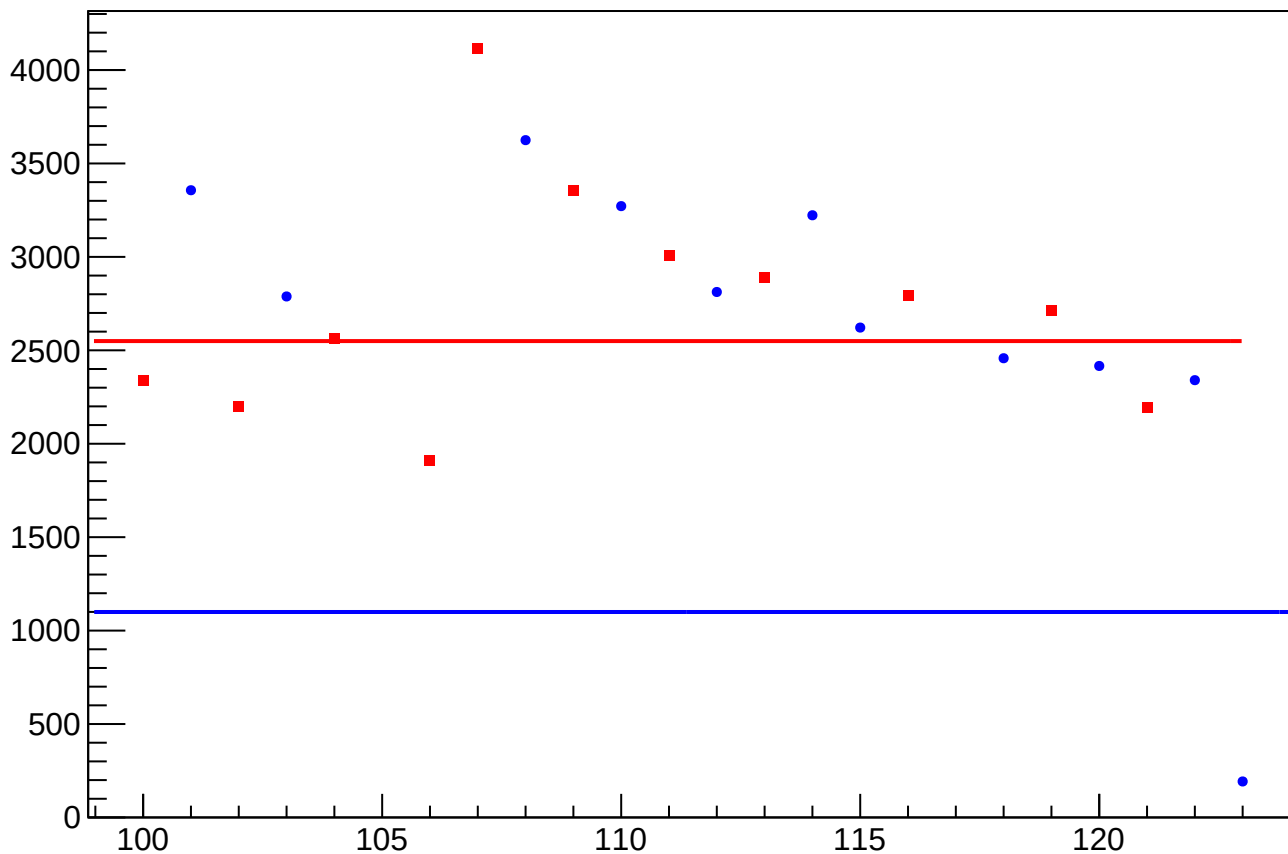
Right: 732.308+/-680.990 χ^2/NDF : 24.9/21

In: 1090.545+/-820.964 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.308+/-680.990 χ^2/NDF : 24.9/21

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1099.575+/-0.581 χ^2/NDF : 4671747.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2549.455+/-0.862 χ^2/NDF : 295017.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

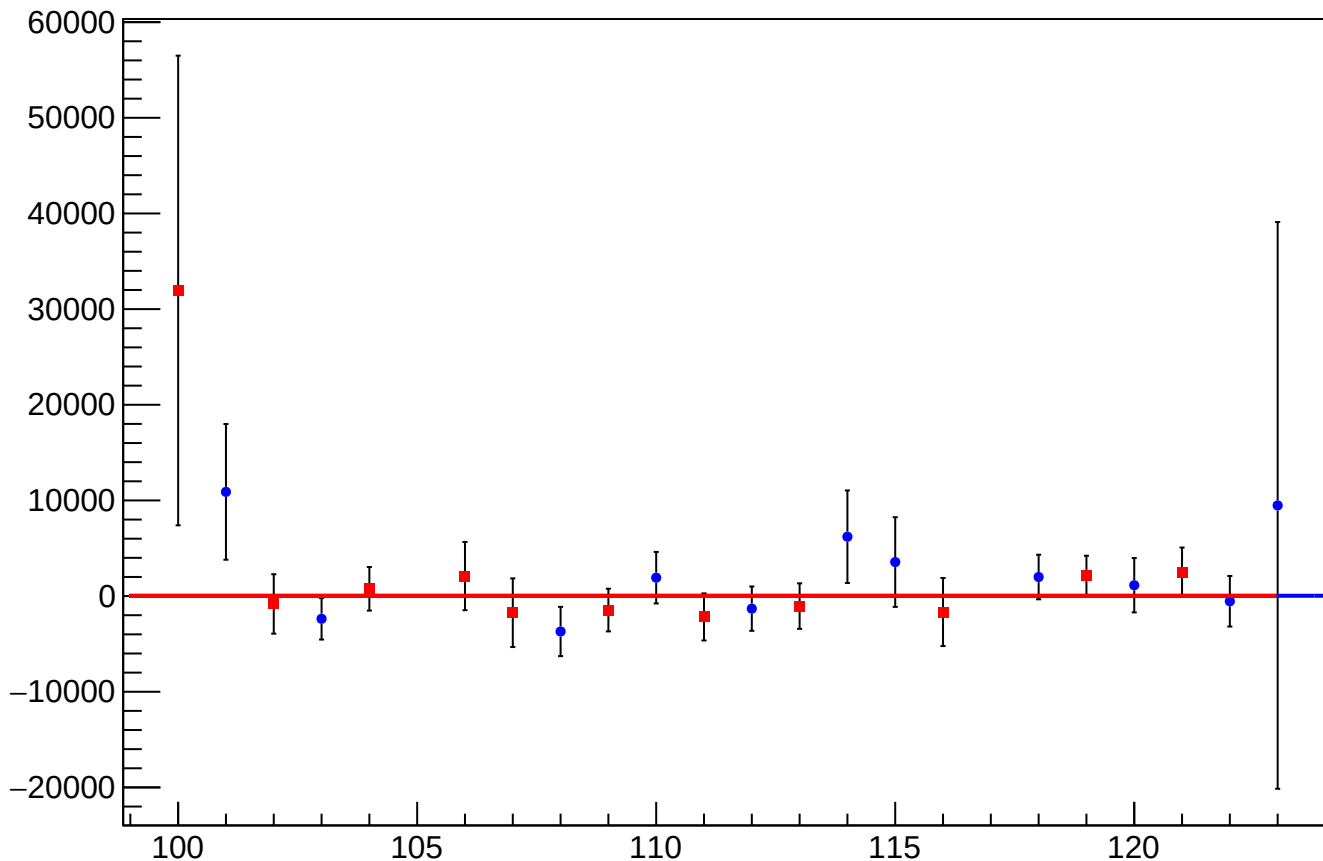
Right: 1551.836+/-0.482 χ^2/NDF : 6912584.4/21

In: 1099.575+/-0.581 χ^2/NDF : 4671747.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1551.836+/-0.482 χ^2/NDF : 6912584.4/21

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 35.458+/-895.314 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.052+/-830.080 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

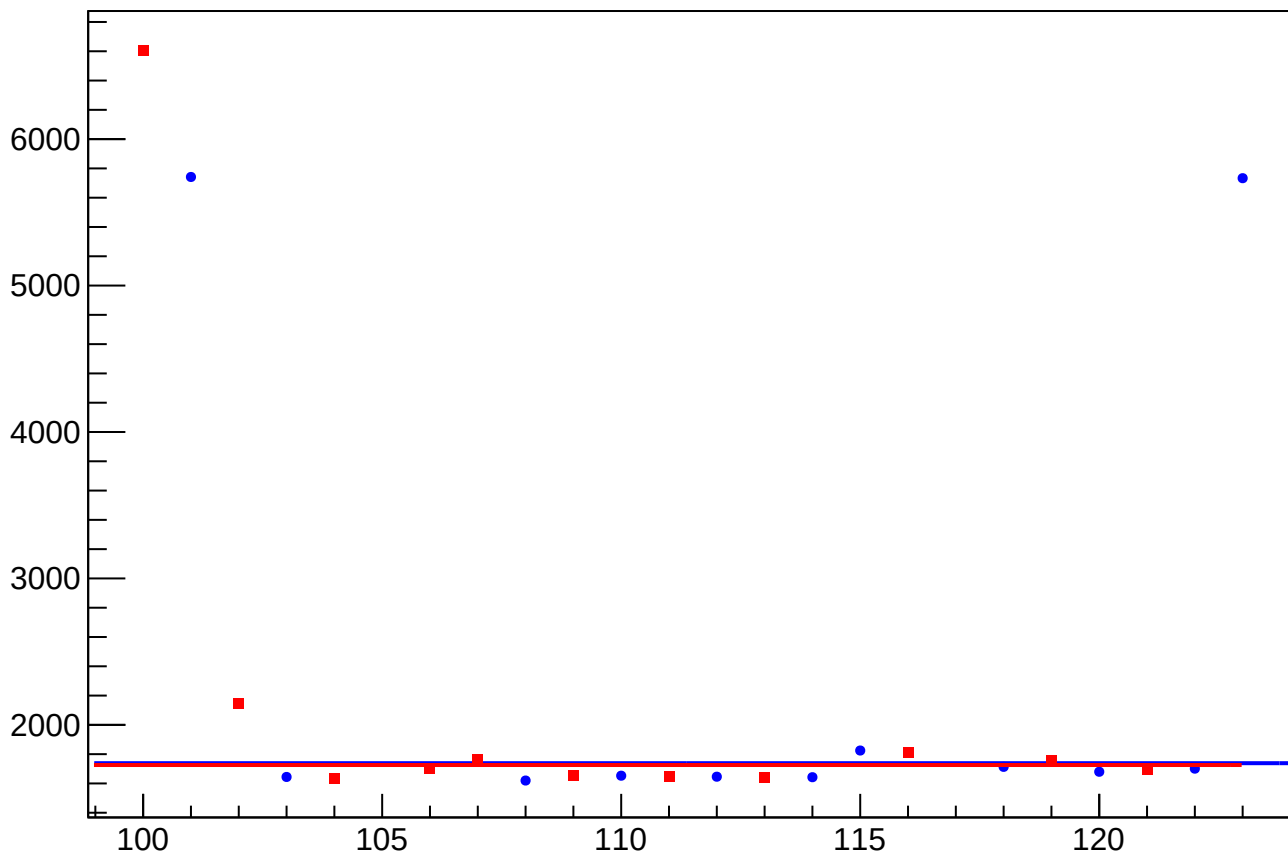
Right: 25.560+/-608.712 χ^2/NDF : 15.7/21

In: 35.458+/-895.314 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.560+/-608.712 χ^2/NDF : 15.7/21

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.323+/-0.633 χ^2/NDF : 689592.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.853+/-0.583 χ^2/NDF : 127290.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

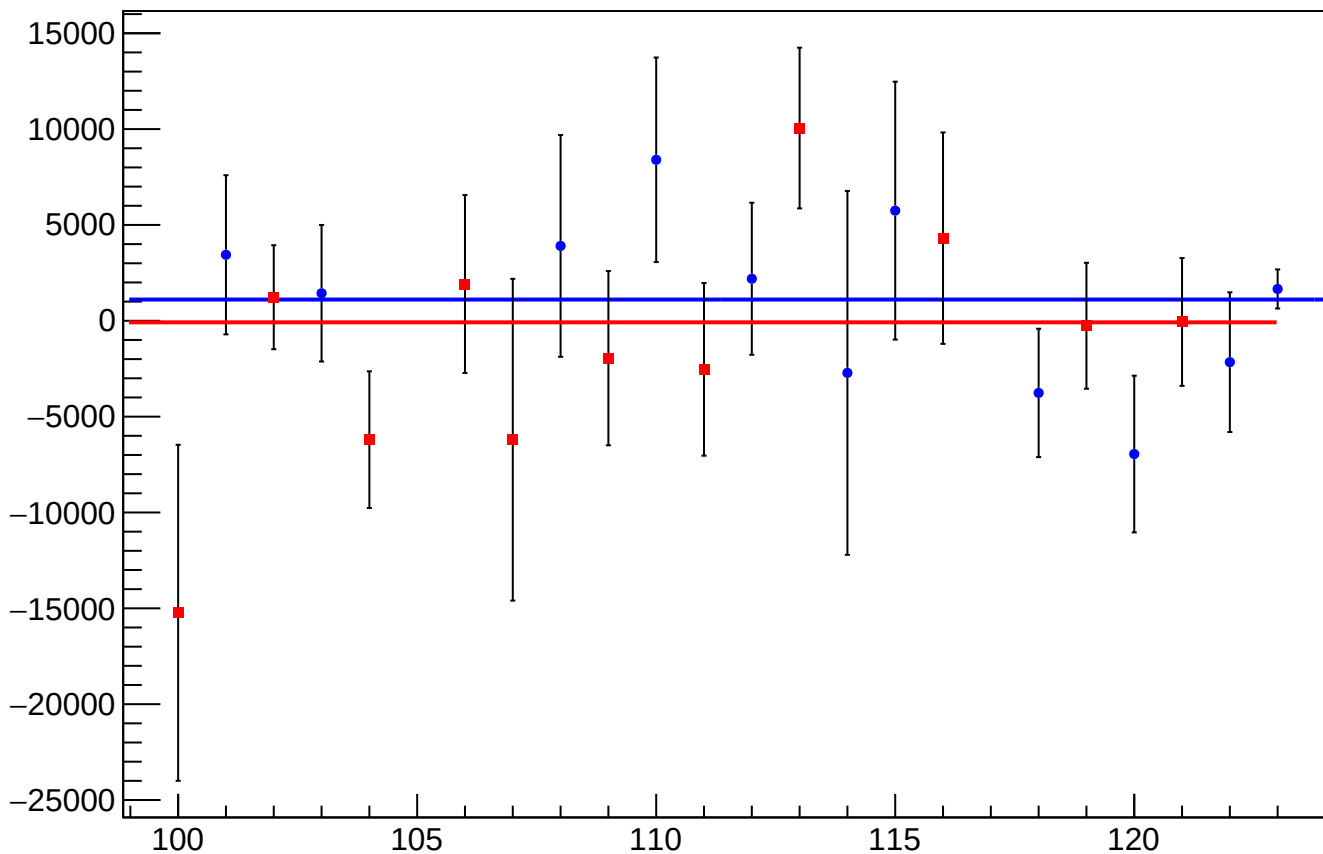
Right: 1731.580+/-0.429 χ^2/NDF : 817092.7/21

In: 1738.323+/-0.633 χ^2/NDF : 689592.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.580+/-0.429 χ^2/NDF : 817092.7/21

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1107.838+/-820.142 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.952+/-1232.460 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

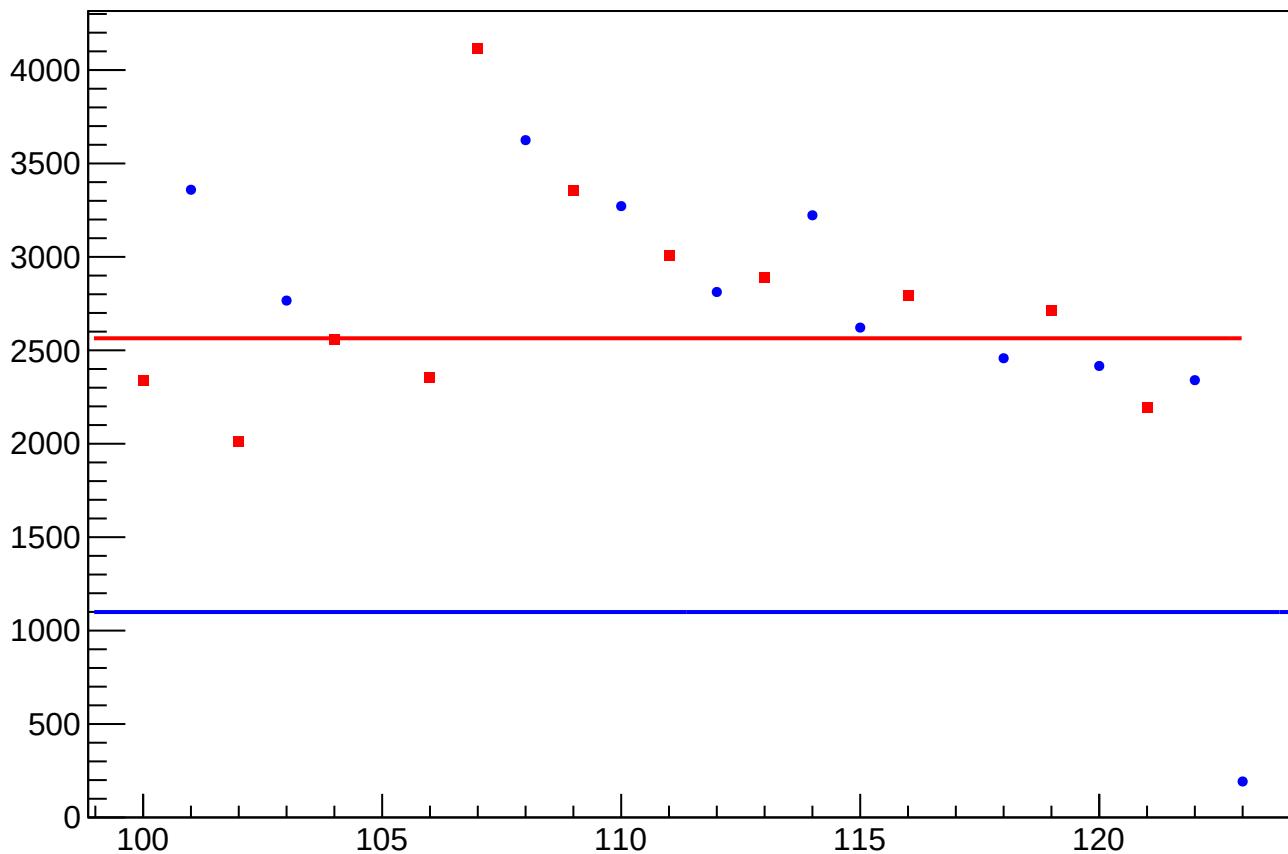
Right: 742.980+/-682.782 χ^2/NDF : 24.7/21

In: 1107.838+/-820.142 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.980+/-682.782 χ^2/NDF : 24.7/21

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1099.309+/-0.580 χ^2/NDF : 4672628.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2564.422+/-0.871 χ^2/NDF : 282042.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

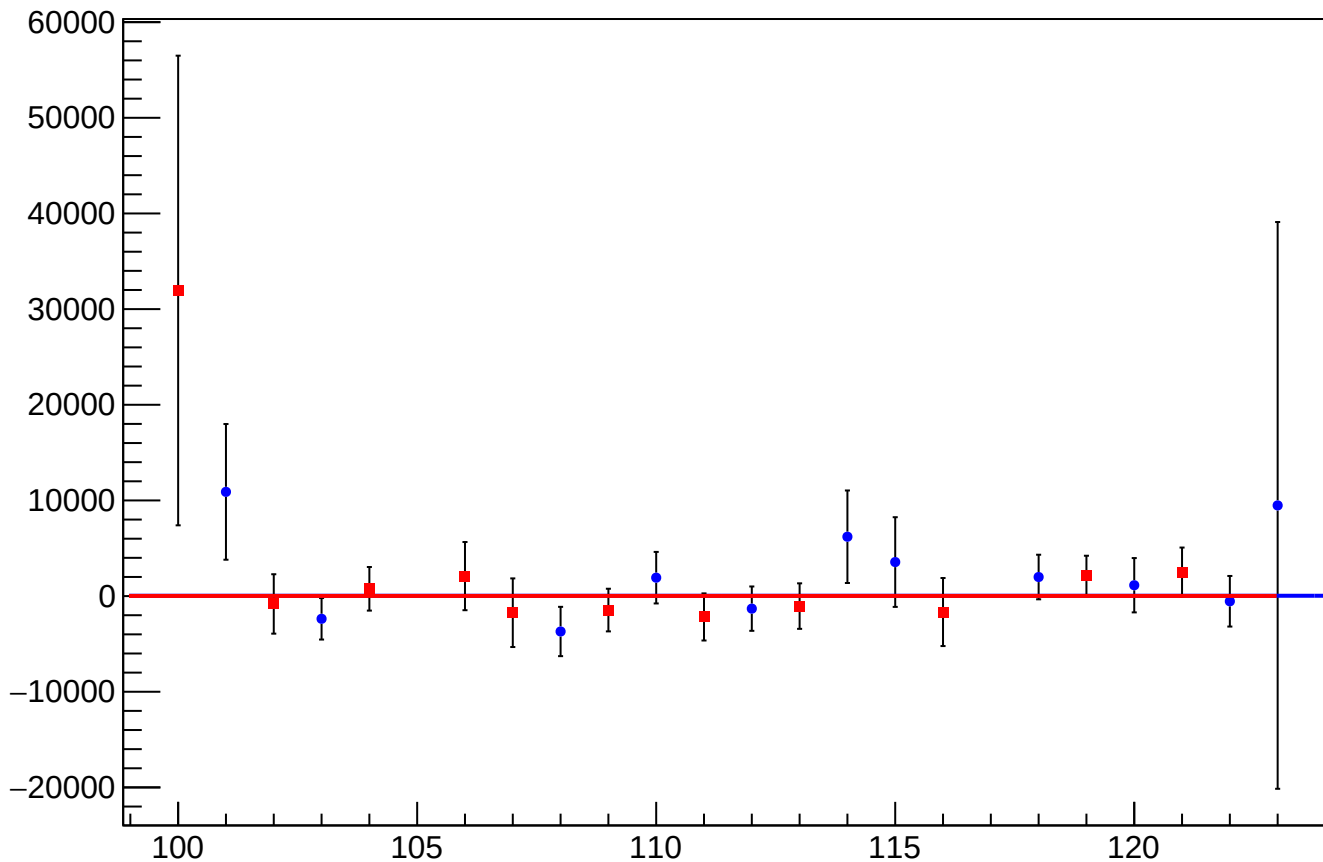
Right: 1548.975+/-0.483 χ^2/NDF : 6913572.0/21

In: 1099.309+/-0.580 χ^2/NDF : 4672628.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.975+/-0.483 χ^2/NDF : 6913572.0/21

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 35.458+/-895.314 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.052+/-830.080 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

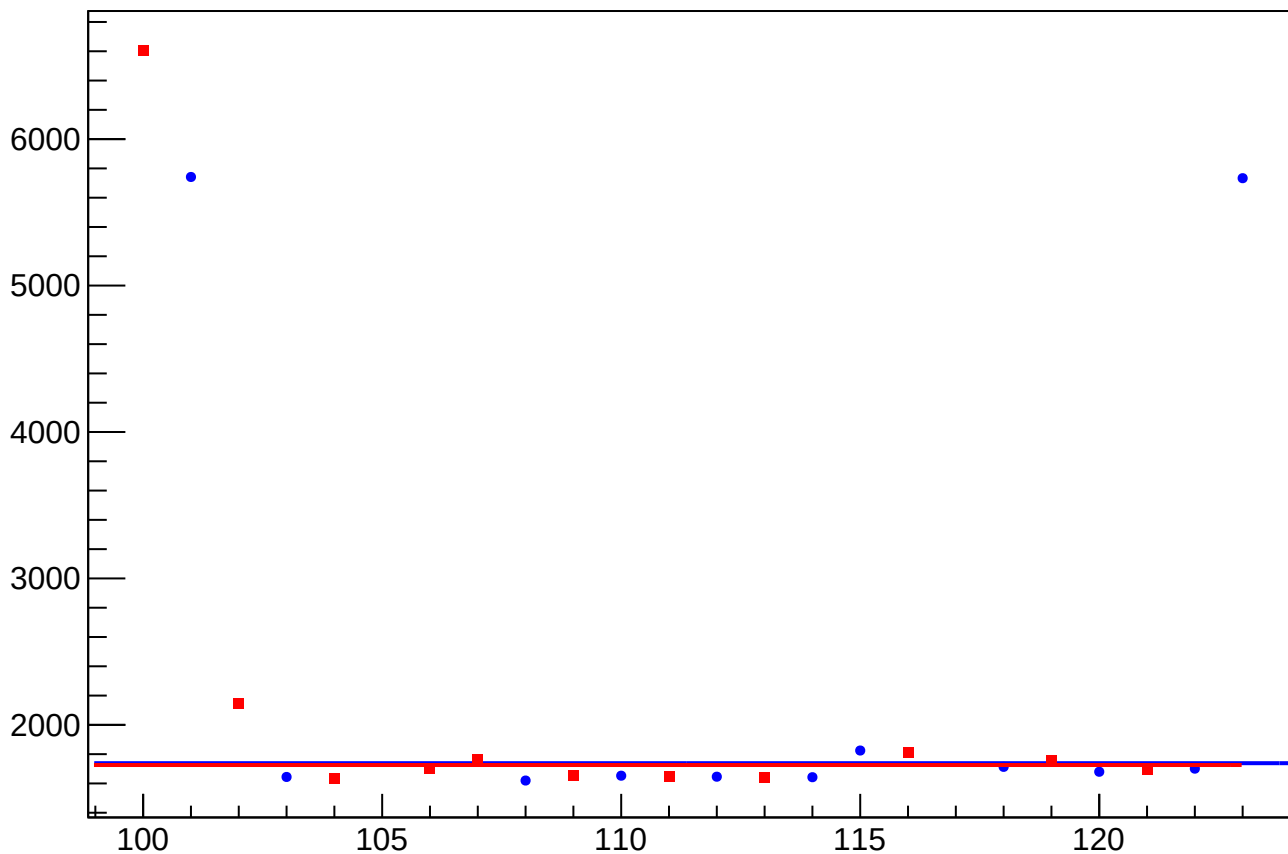
Right: 25.560+/-608.712 χ^2/NDF : 15.7/21

In: 35.458+/-895.314 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.560+/-608.712 χ^2/NDF : 15.7/21

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.323+/-0.633 χ^2/NDF : 689592.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.853+/-0.583 χ^2/NDF : 127290.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

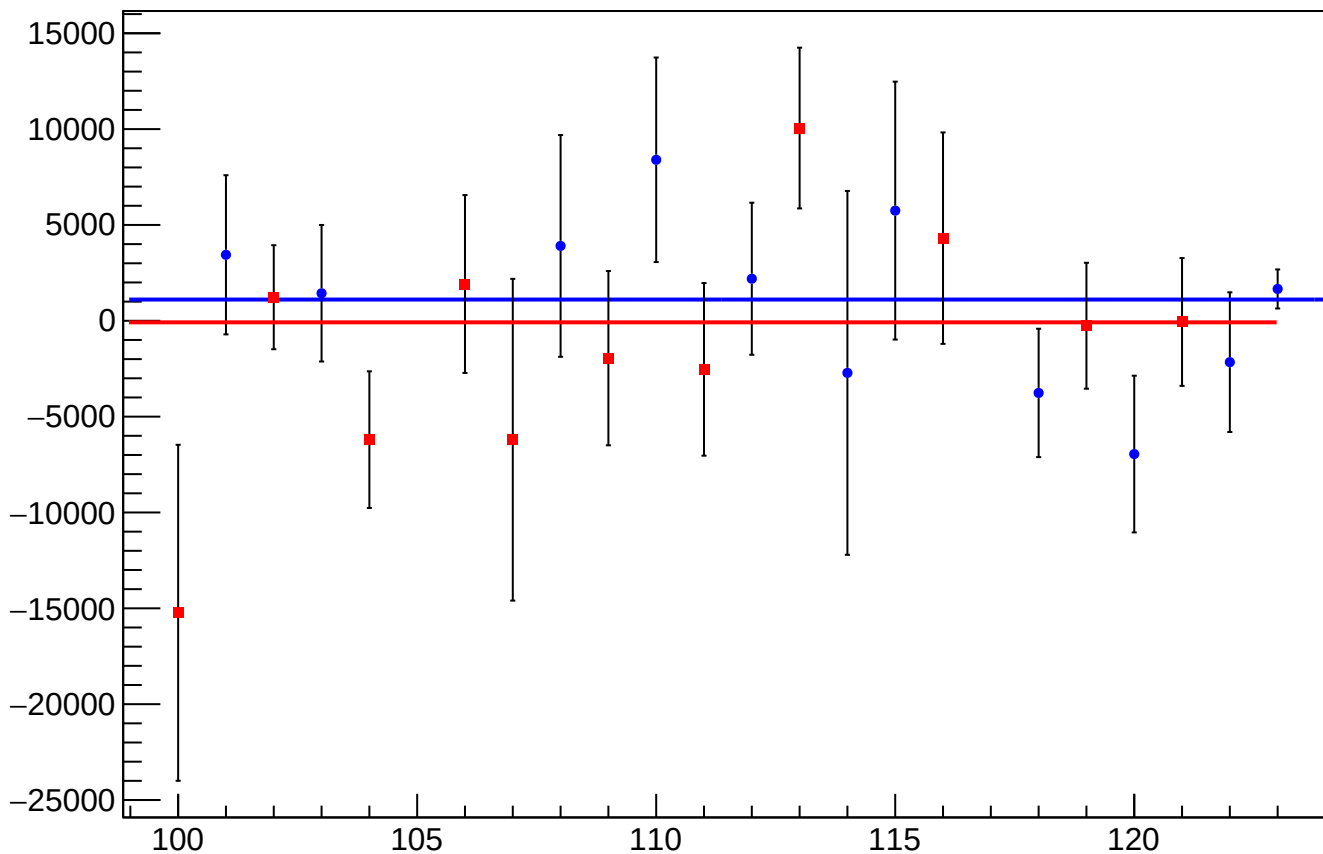
Right: 1731.580+/-0.429 χ^2/NDF : 817092.7/21

In: 1738.323+/-0.633 χ^2/NDF : 689592.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.580+/-0.429 χ^2/NDF : 817092.7/21

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1107.838+/-820.142 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.952+/-1232.460 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

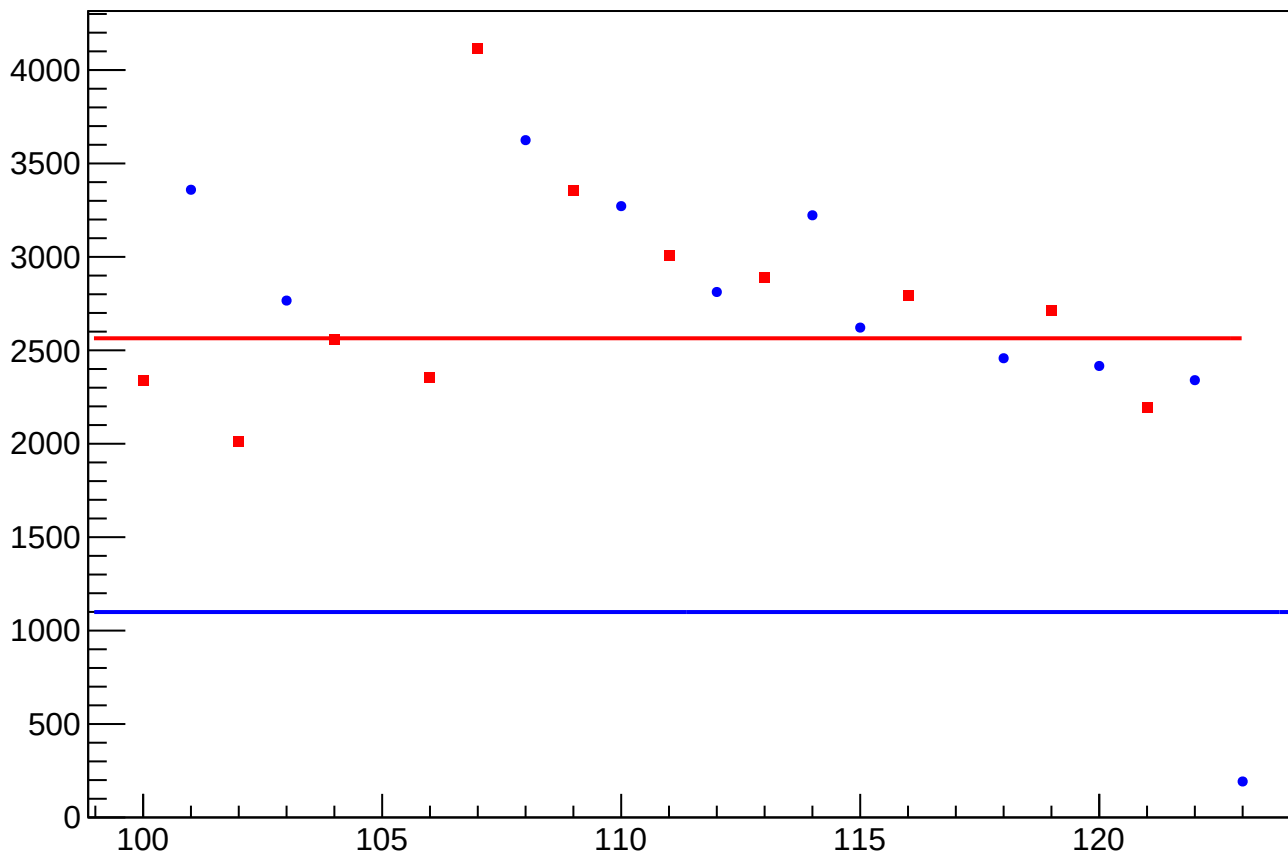
Right: 742.980+/-682.782 χ^2/NDF : 24.7/21

In: 1107.838+/-820.142 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.980+/-682.782 χ^2/NDF : 24.7/21

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1099.309+/-0.580 χ^2/NDF : 4672628.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2564.422+/-0.871 χ^2/NDF : 282042.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

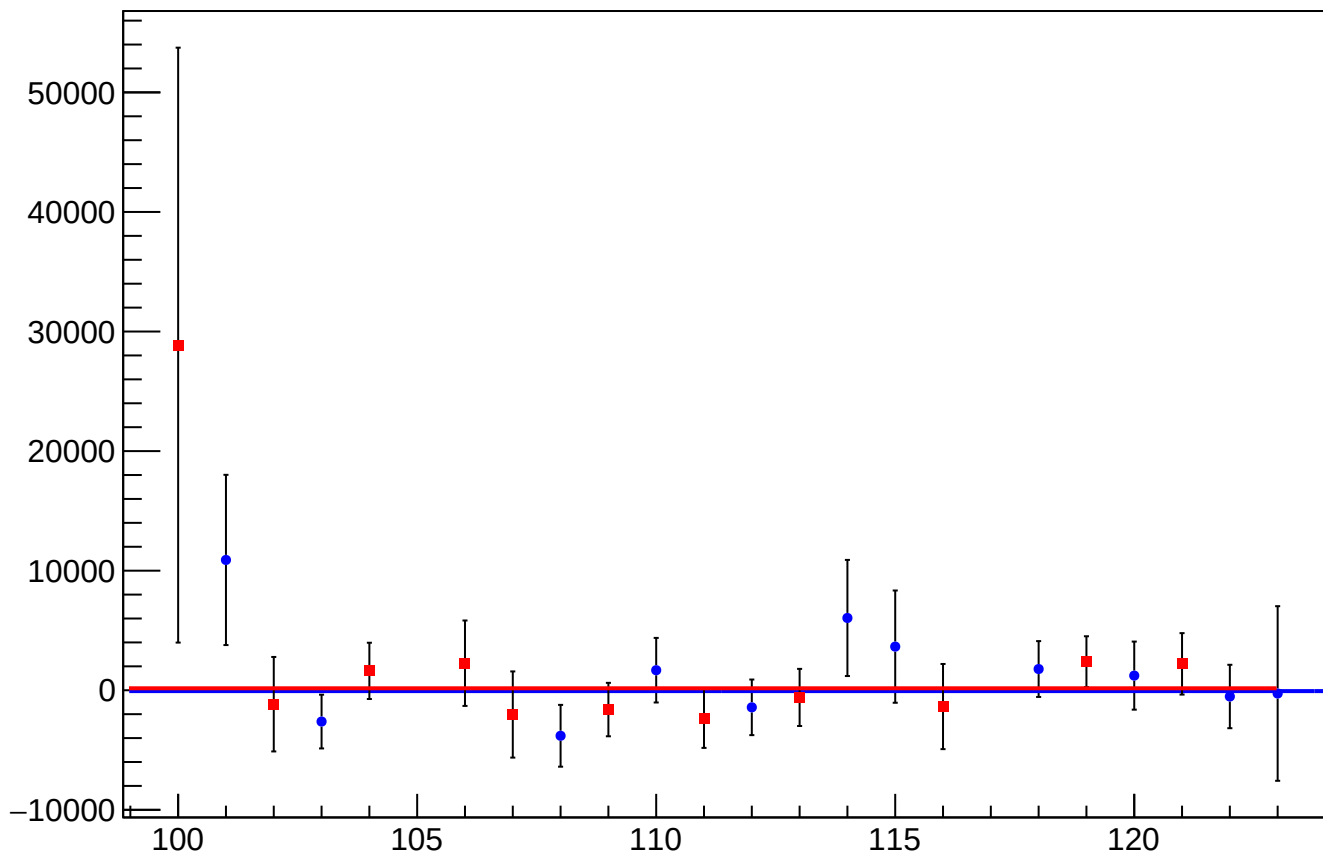
Right: 1548.975+/-0.483 χ^2/NDF : 6913572.0/21

In: 1099.309+/-0.580 χ^2/NDF : 4672628.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.975+/-0.483 χ^2/NDF : 6913572.0/21

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -70.852+/-896.146 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 164.617+/-847.024 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

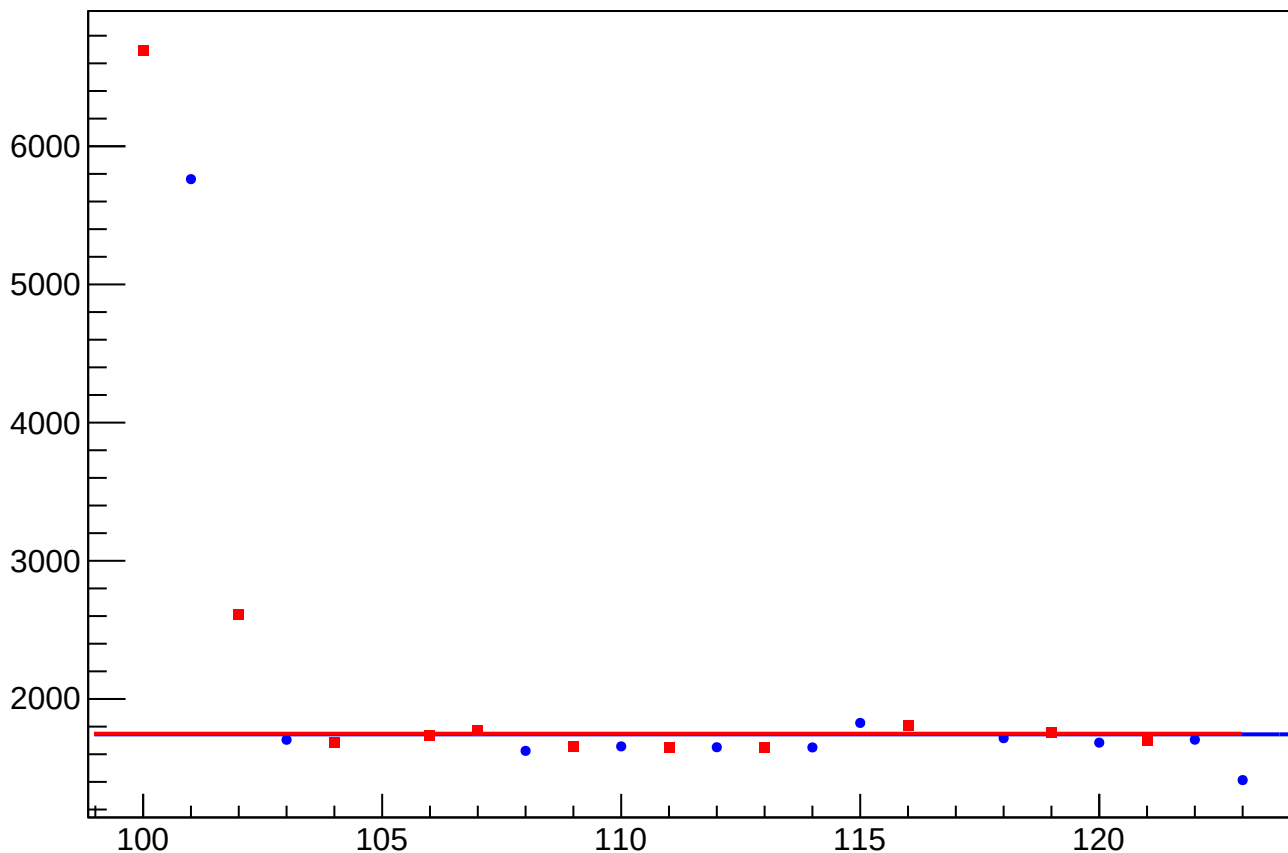
Right: 53.513+/-615.570 χ^2/NDF : 15.9/21

In: -70.852+/-896.146 χ^2/NDF :9.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.513+/-615.570 χ^2/NDF : 15.9/21

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1744.034+/-0.634 χ^2/NDF : 654470.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1748.651+/-0.596 χ^2/NDF : 187930.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

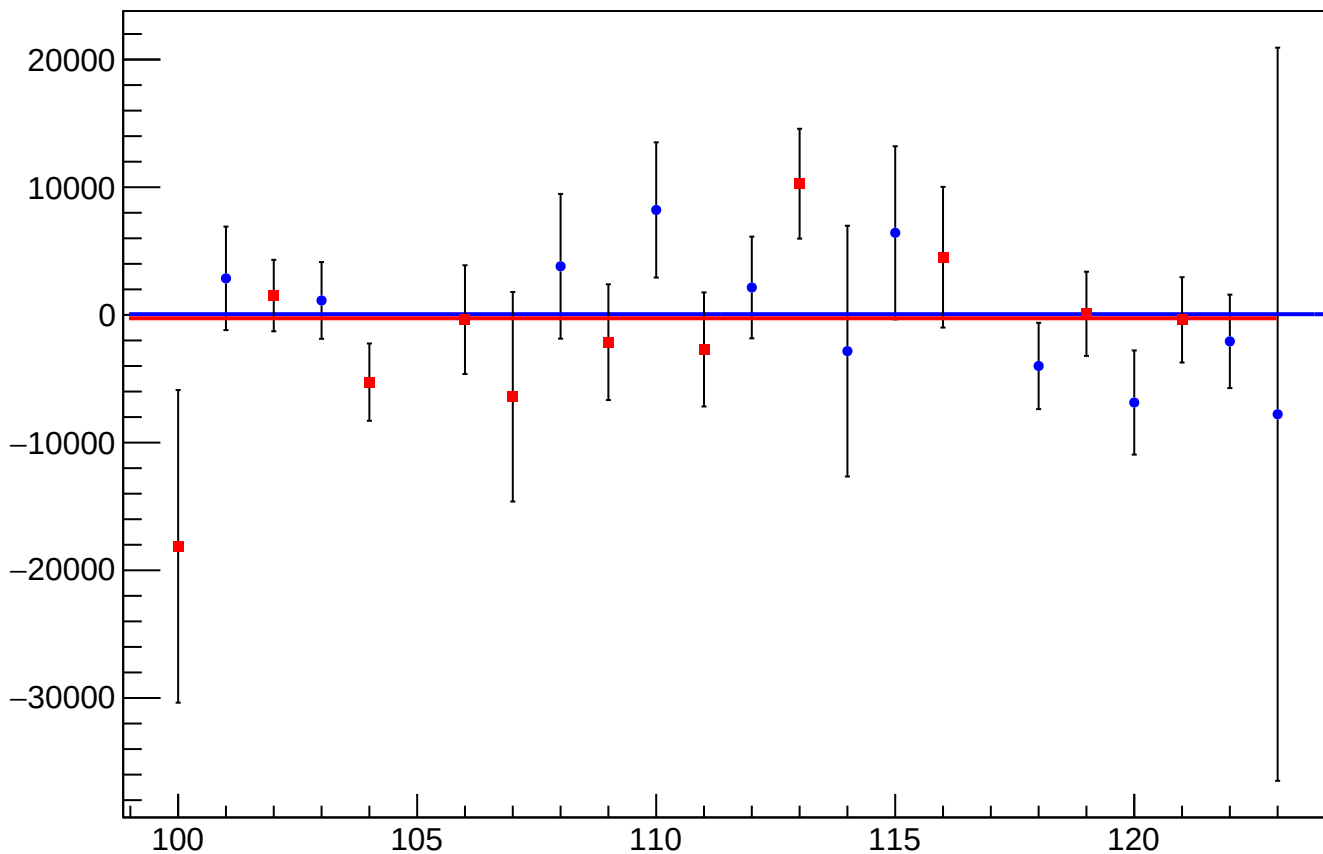
Right: 1746.484+/-0.434 χ^2/NDF : 842429.3/21

In: 1744.034+/-0.634 χ^2/NDF : 654470.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.484+/-0.434 χ^2/NDF : 842429.3/21

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 56.297+/-1339.943 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -264.133+/-1211.774 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

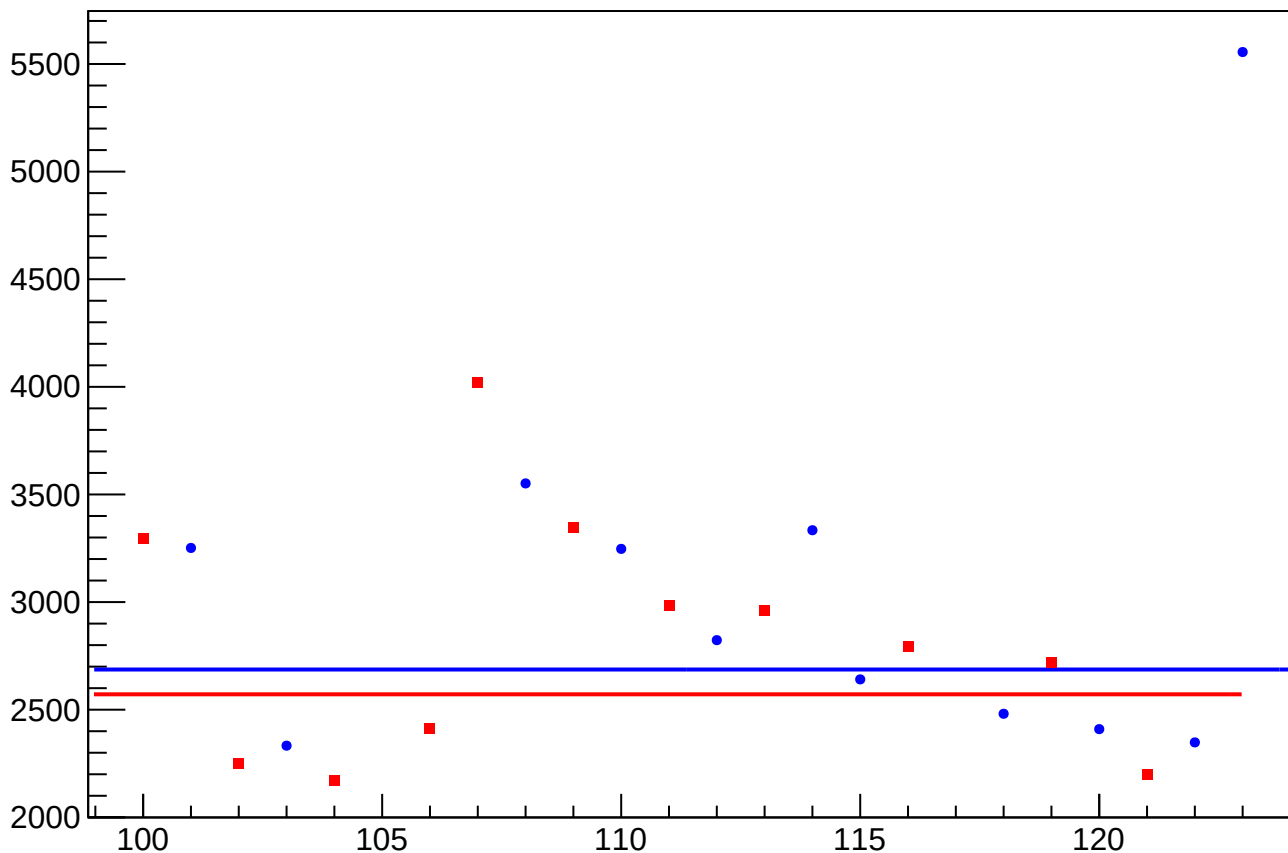
Right: -119.972+/-898.759 χ^2/NDF : 22.5/21

In: 56.297+/-1339.943 χ^2/NDF :9.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -119.972+/-898.759 χ^2/NDF : 22.5/21

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2686.681+/-0.947 χ^2/NDF : 200342.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2571.430+/-0.857 χ^2/NDF : 258307.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

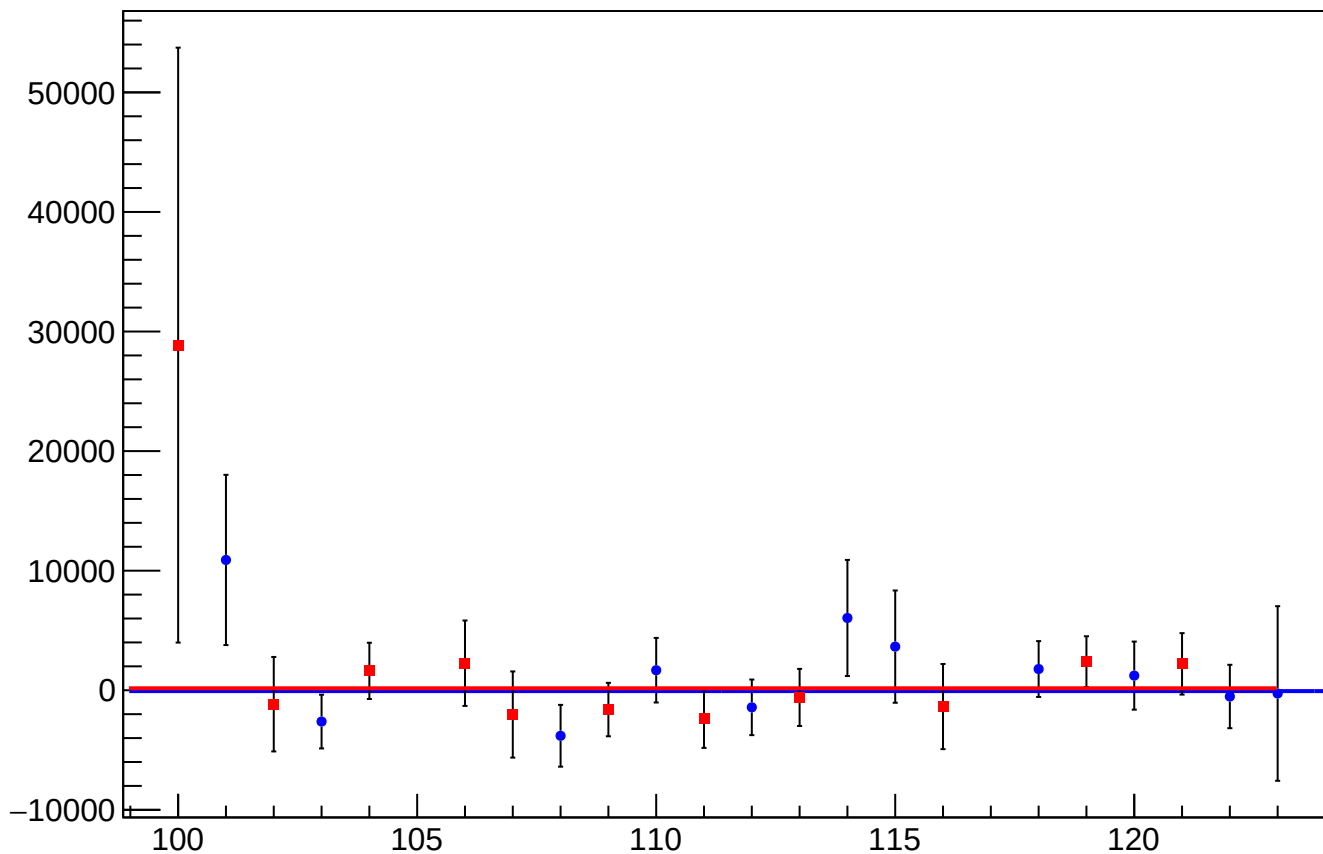
Right: 2623.281+/-0.636 χ^2/NDF : 466788.7/21

In: 2686.681+/-0.947 χ^2/NDF : 200342.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.281+/-0.636 χ^2/NDF : 466788.7/21

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -70.851+/-896.146 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 164.608+/-847.024 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

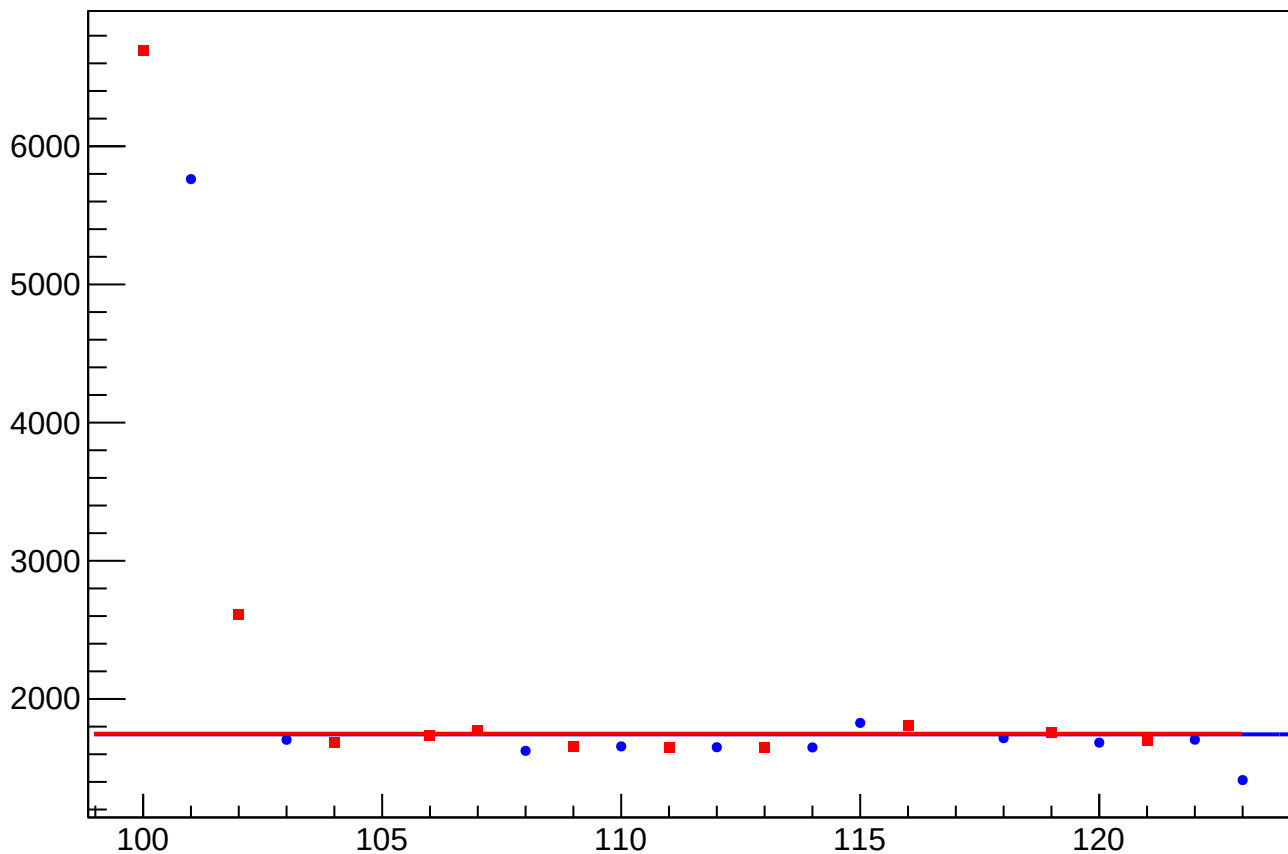
Right: 53.508+/-615.570 χ^2/NDF : 15.9/21

In: -70.851+/-896.146 χ^2/NDF :9.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.508+/-615.570 χ^2/NDF : 15.9/21

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1744.035+/-0.634 χ^2/NDF : 654470.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1748.651+/-0.596 χ^2/NDF : 187930.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

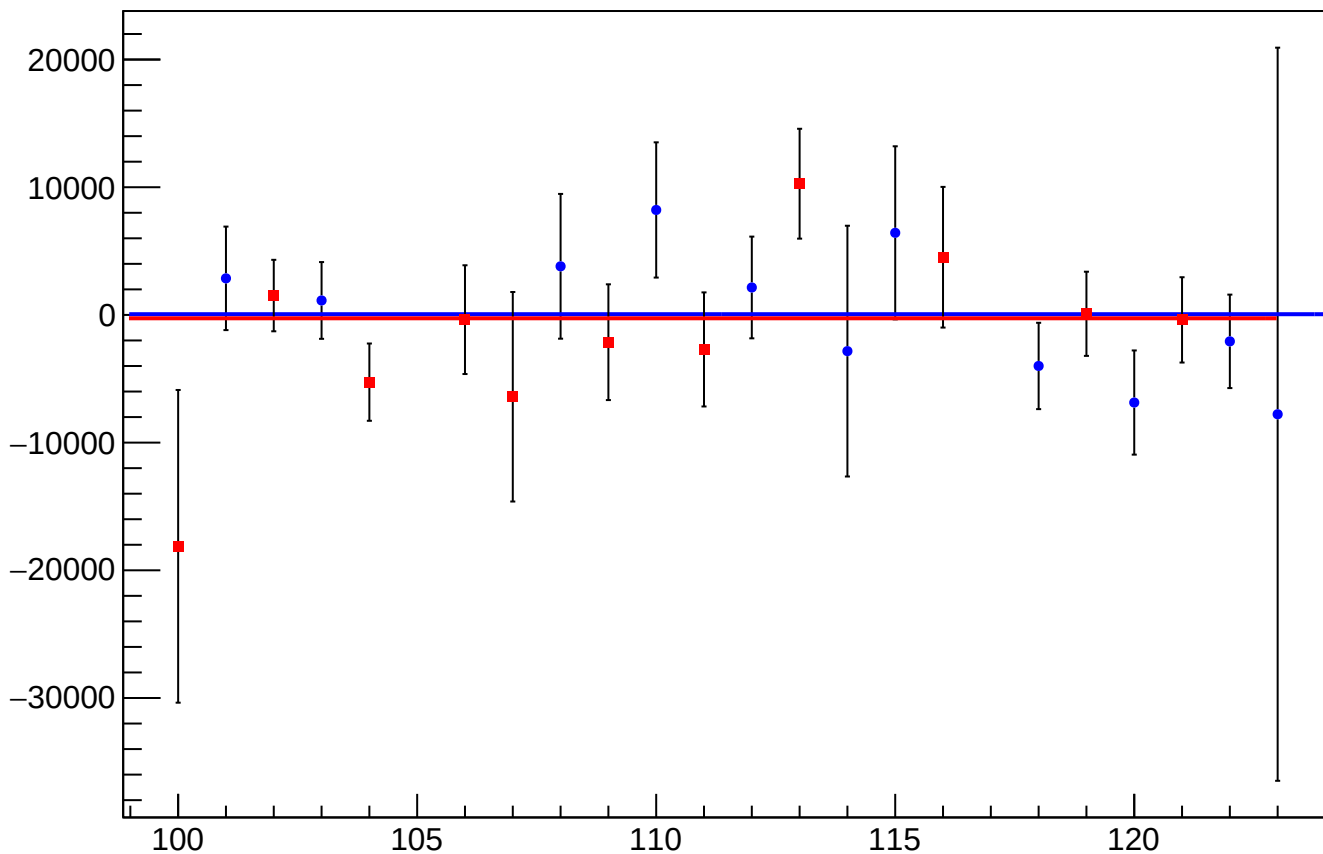
Right: 1746.484+/-0.434 χ^2/NDF : 842429.2/21

In: 1744.035+/-0.634 χ^2/NDF : 654470.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.484+/-0.434 χ^2/NDF : 842429.2/21

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 56.290+/-1339.939 χ^2 /NDF: 9.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -264.130+/-1211.771 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

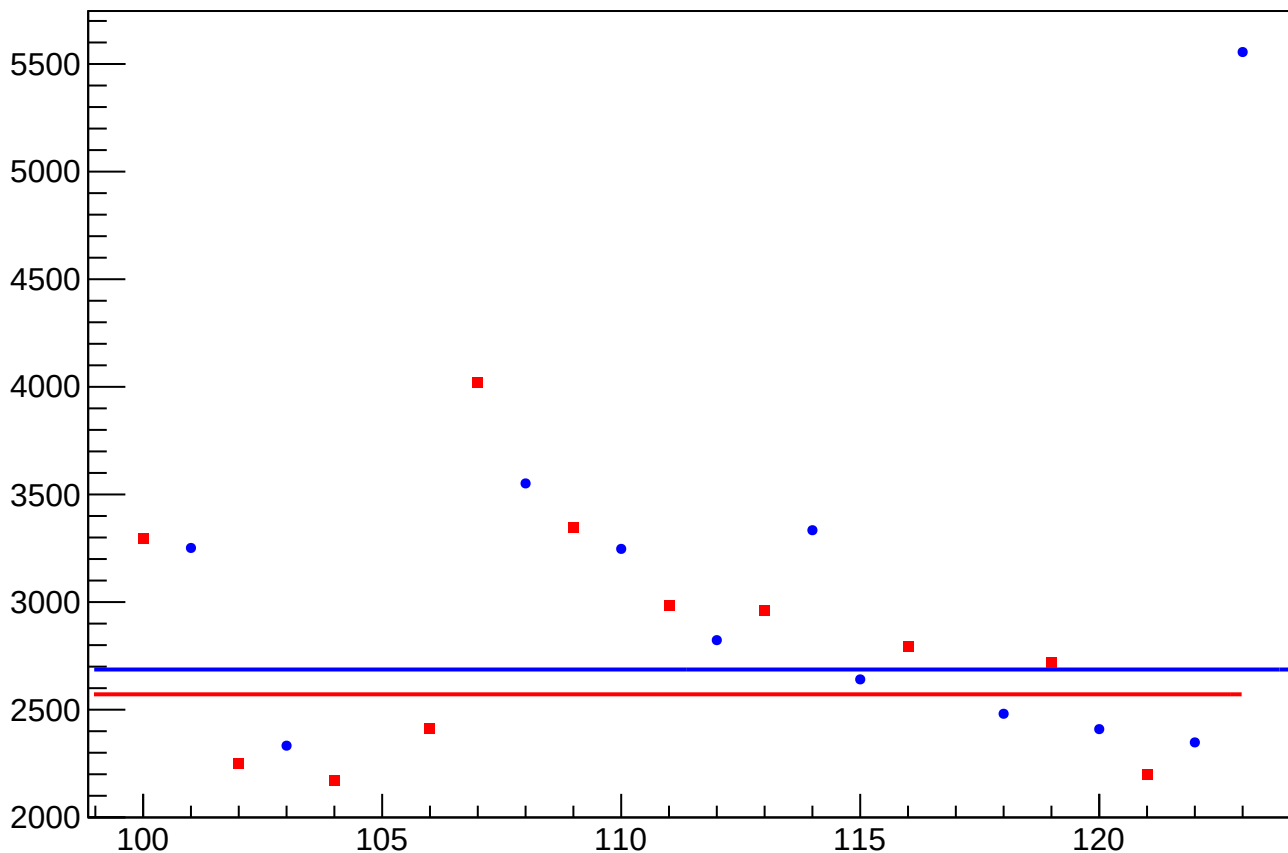
Right: -119.974+/-898.757 χ^2 /NDF: 22.5/21

In: 56.290+/-1339.939 χ^2 /NDF:9.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -119.974+/-898.757 χ^2 /NDF: 22.5/21

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2686.672+/-0.947 χ^2/NDF : 200342.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2571.426+/-0.857 χ^2/NDF : 258303.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

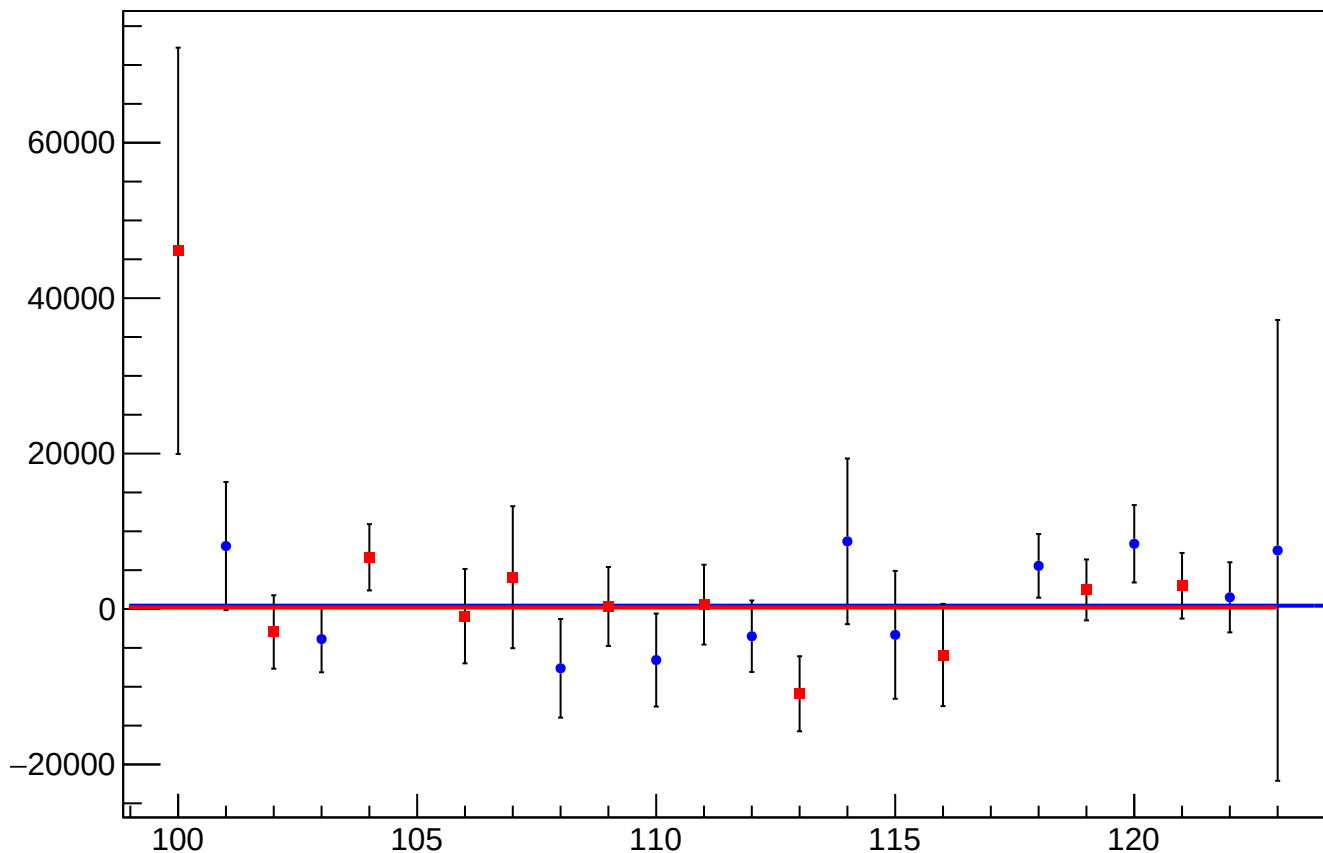
Right: 2623.275+/-0.636 χ^2/NDF : 466784.5/21

In: 2686.672+/-0.947 χ^2/NDF : 200342.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.275+/-0.636 χ^2/NDF : 466784.5/21

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 431.822+/-1706.364 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.354+/-1572.979 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

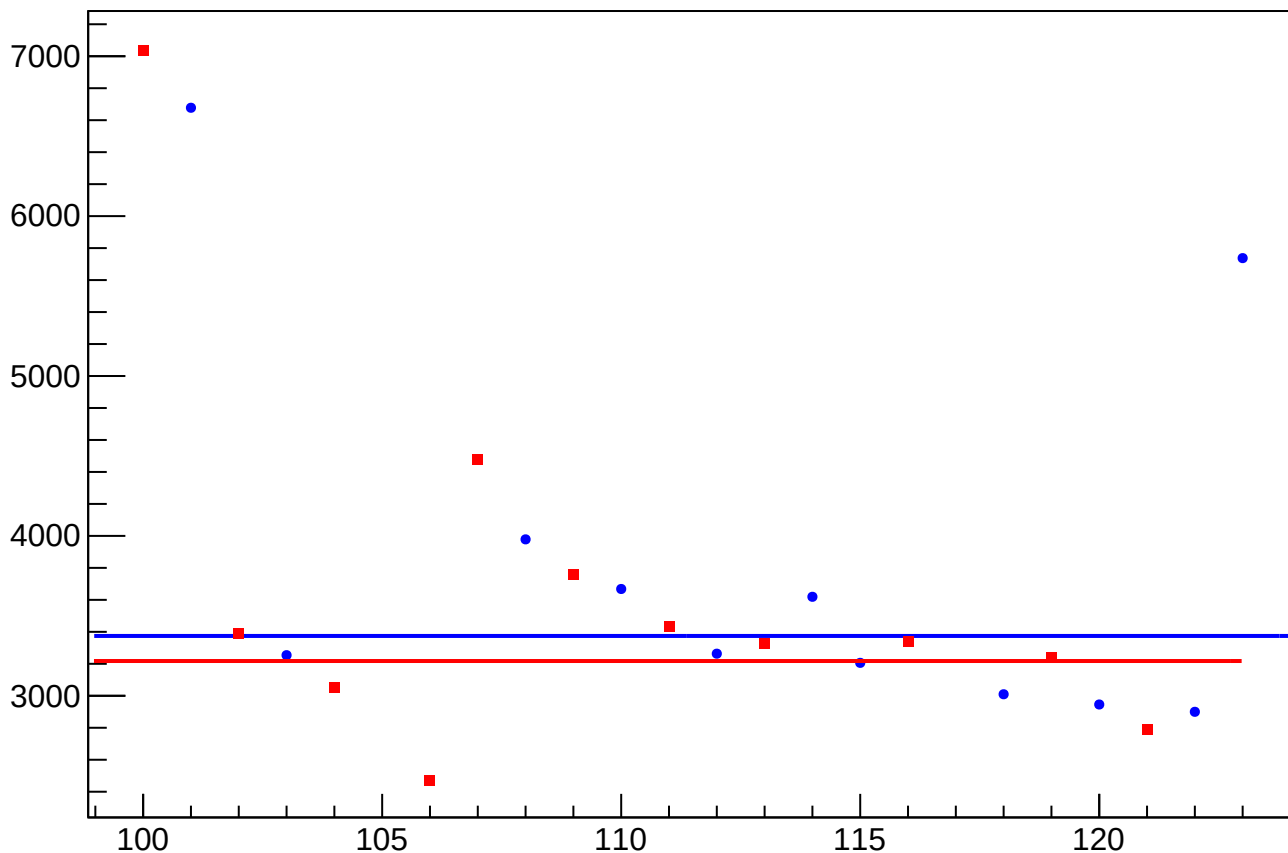
Right: 307.770+/-1156.548 χ^2/NDF : 23.6/21

In: 431.822+/-1706.364 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.770+/-1156.548 χ^2/NDF : 23.6/21

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3374.266+/-1.207 χ^2/NDF : 414170.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3217.508+/-1.089 χ^2/NDF : 185115.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

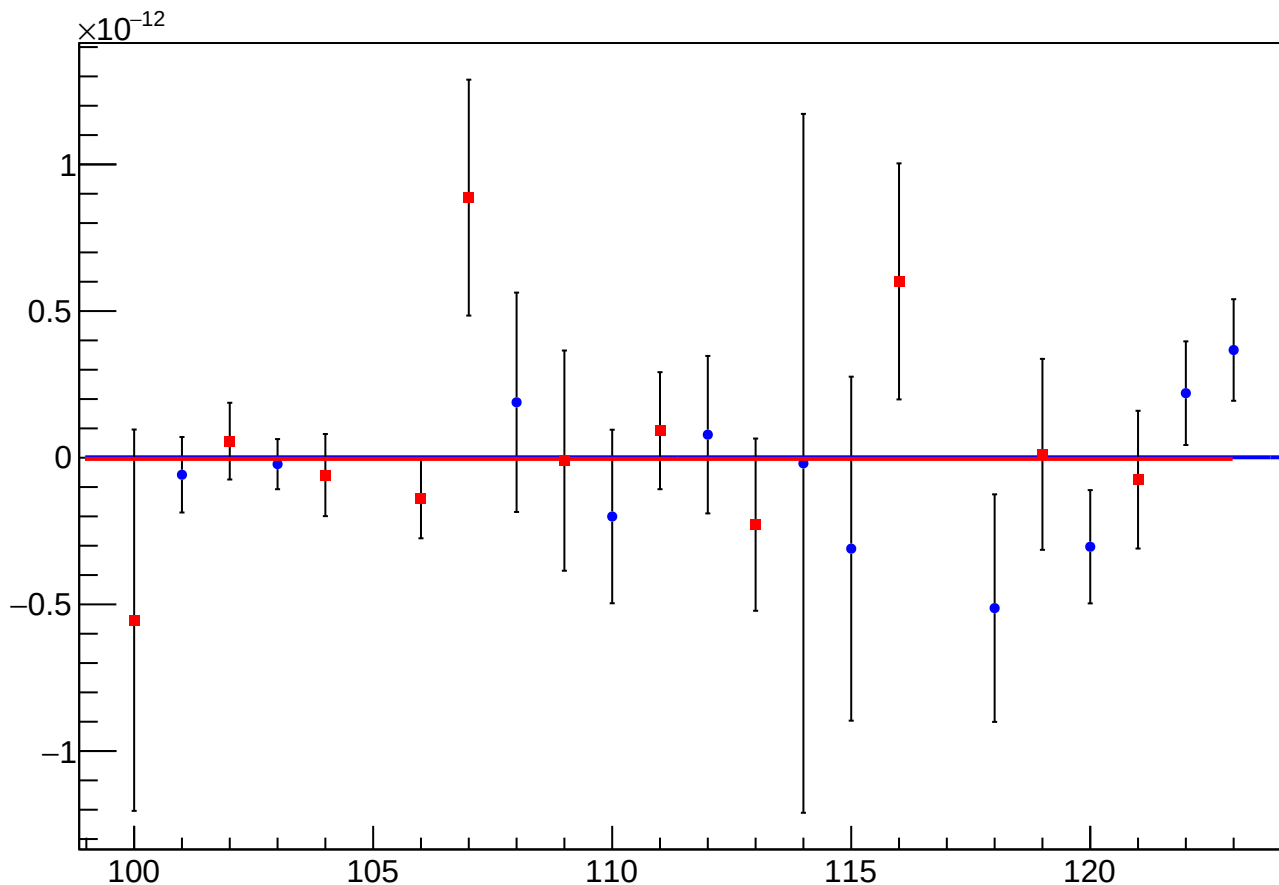
Right: 3287.875+/-0.808 χ^2/NDF : 608588.7/21

In: 3374.266+/-1.207 χ^2/NDF : 414170.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3287.875+/-0.808 χ^2/NDF : 608588.7/21

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/10

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

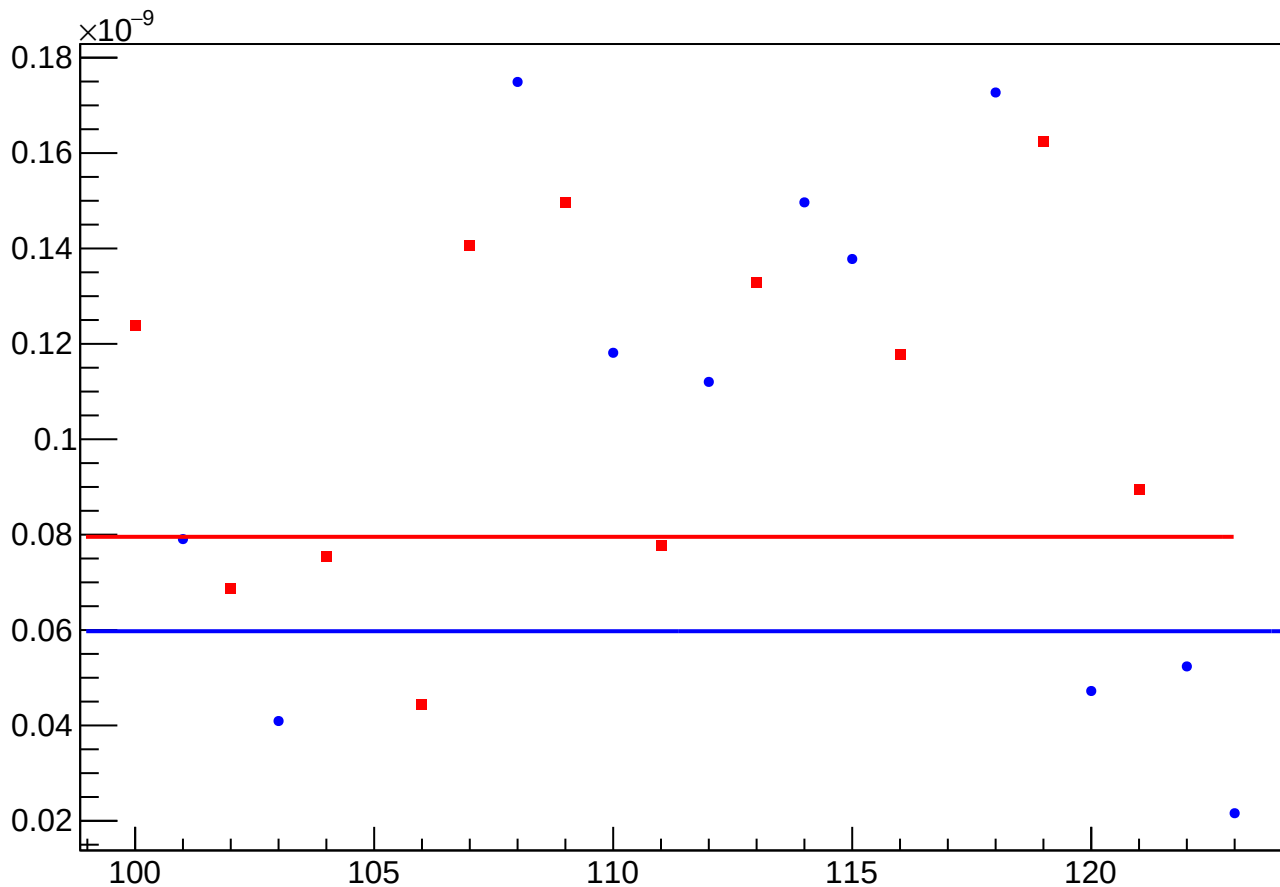
Right: -0.000+/-0.000 χ^2/NDF : 21.8/21

In: 0.000+/-0.000 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/21

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 810976.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 491951.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

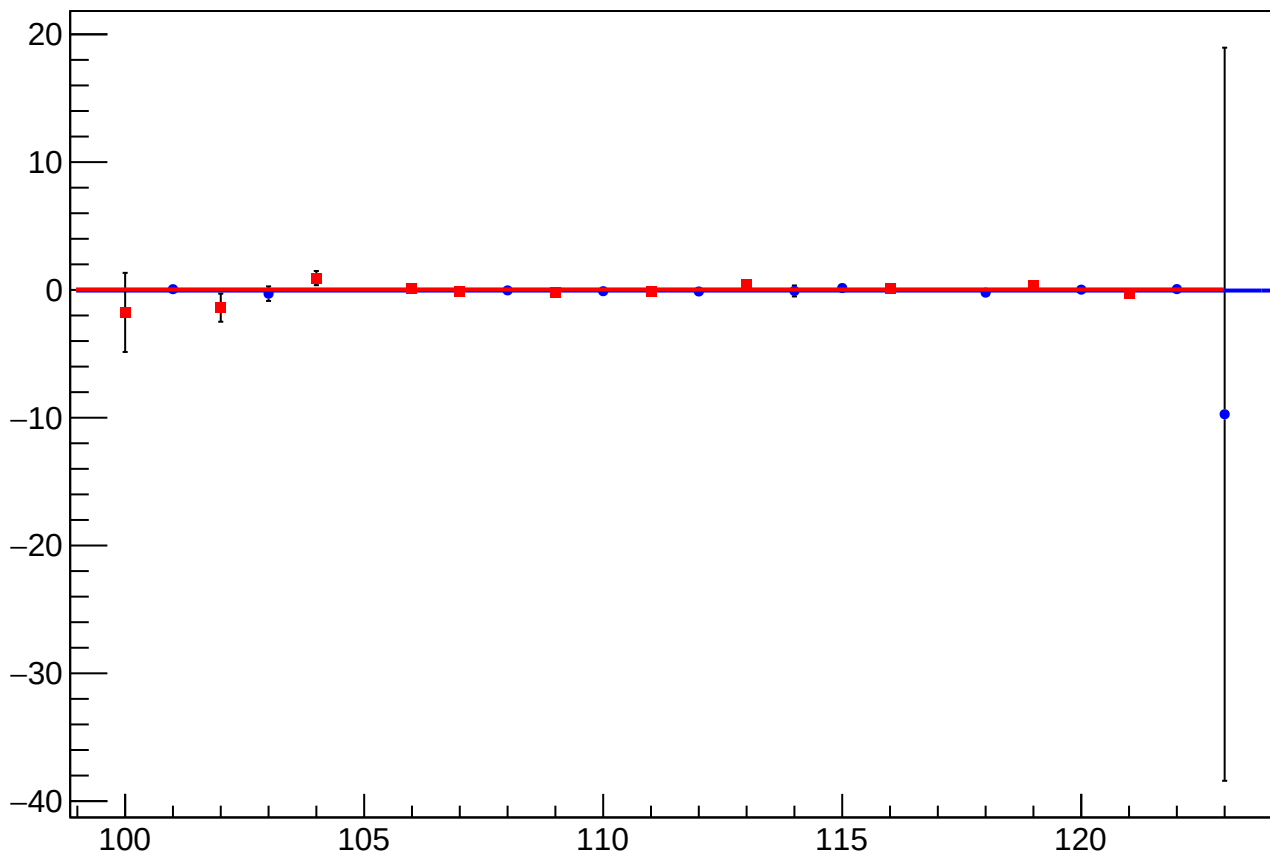
Right: 0.000+/-0.000 χ^2/NDF : 1414648.4/21

In: 0.000+/-0.000 χ^2/NDF : 810976.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1414648.4/21

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049 $\pm$ 0.059 χ^2 /NDF: 4.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.058 χ^2 /NDF: 24.9/10

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

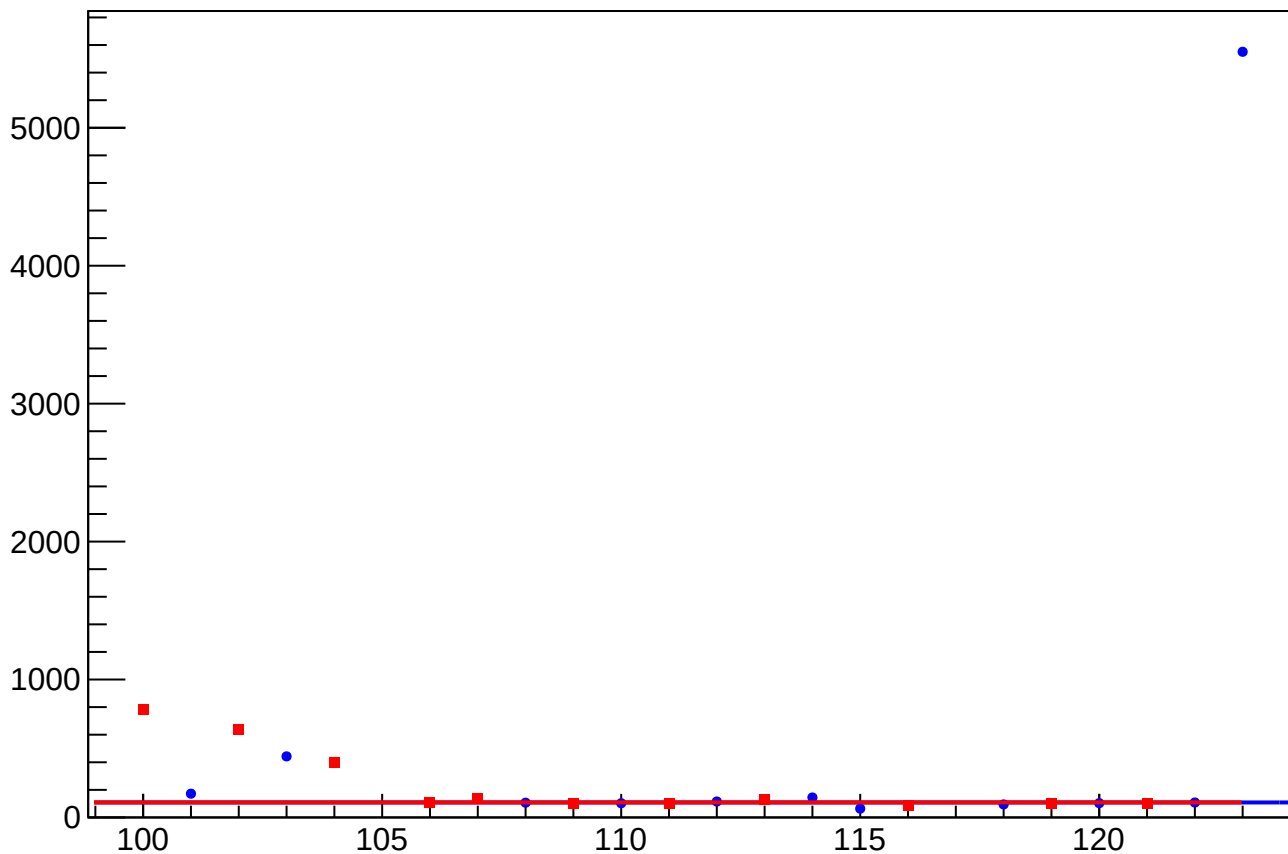
Right: -0.005 $\pm$ 0.041 χ^2 /NDF: 30.2/21

In: -0.049 $\pm$ 0.059 χ^2 /NDF:4.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.041 χ^2 /NDF: 30.2/21

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.751 $\pm$ 0.042 χ^2/NDF : 1089994.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 109.253 $\pm$ 0.041 χ^2/NDF : 1207657.9/10

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

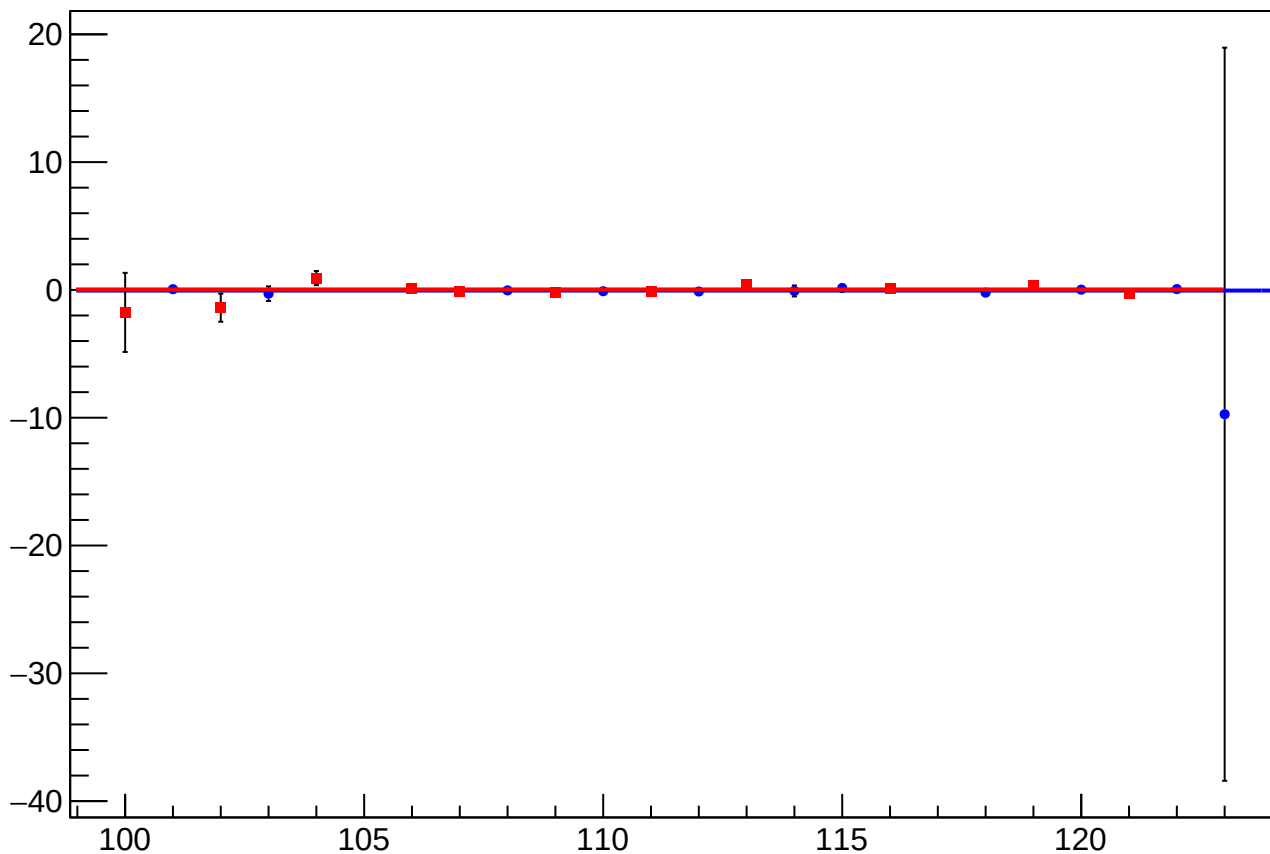
Right: 109.007 $\pm$ 0.029 χ^2/NDF : 2297726.1/21

In: 108.751 $\pm$ 0.042 χ^2/NDF : 1089994.6/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 109.007 $\pm$ 0.029 χ^2/NDF : 2297726.1/21

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049+/-0.059 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.038+/-0.058 χ^2/NDF : 24.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

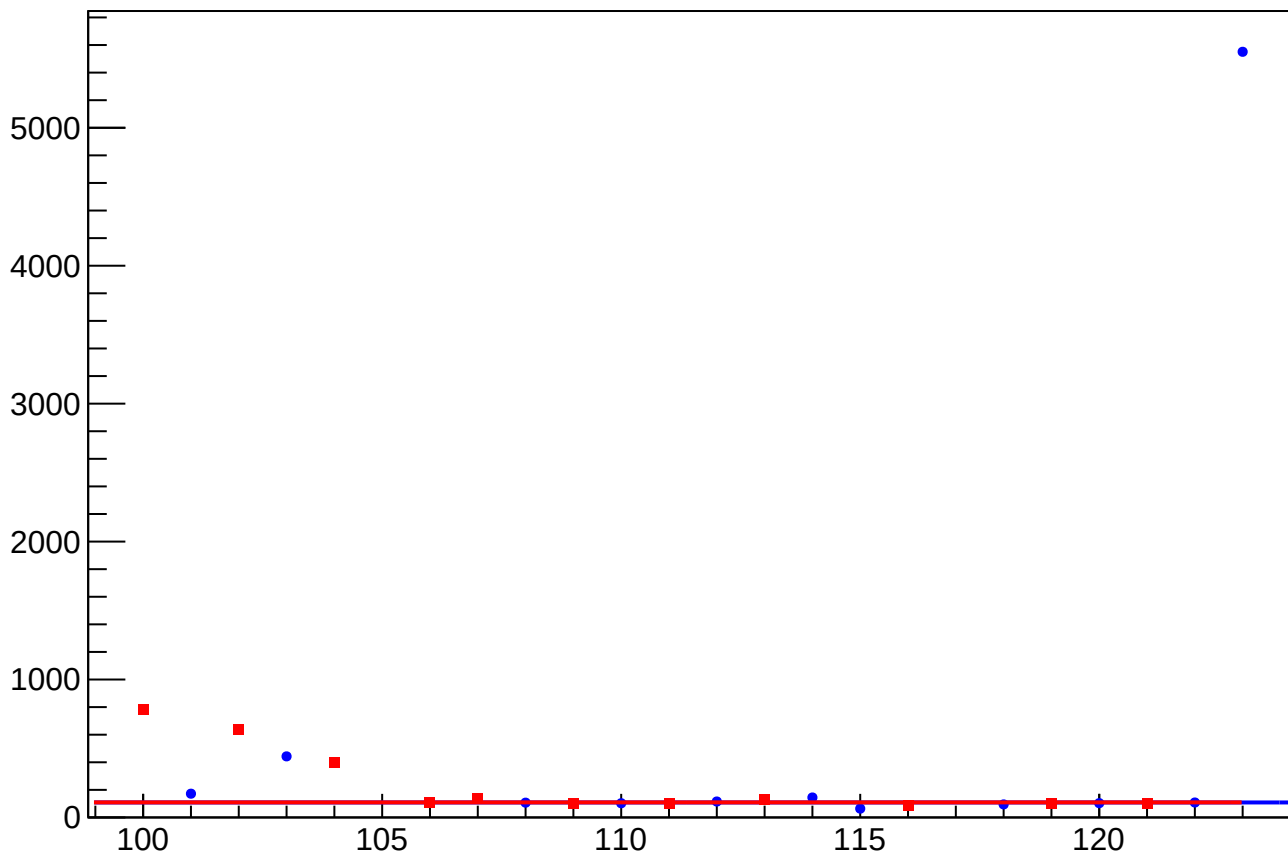
Right: -0.005+/-0.041 χ^2/NDF : 30.2/21

In: -0.049+/-0.059 χ^2/NDF :4.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.041 χ^2/NDF : 30.2/21

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.751+/-0.042 χ^2/NDF : 1089994.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.253+/-0.041 χ^2/NDF : 1207657.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

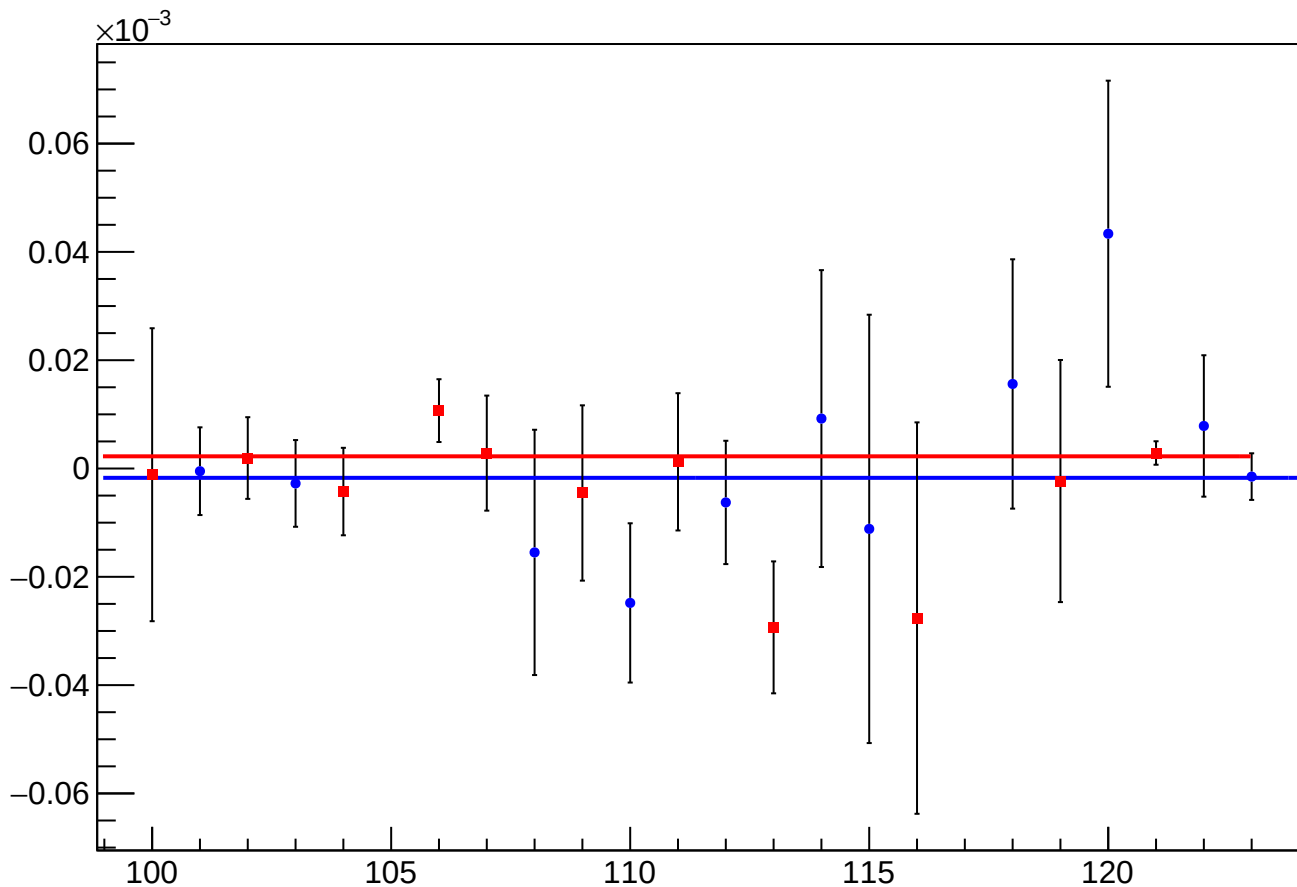
Right: 109.007+/-0.029 χ^2/NDF : 2297726.1/21

In: 108.751+/-0.042 χ^2/NDF : 1089994.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.007+/-0.029 χ^2/NDF : 2297726.1/21

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/10

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

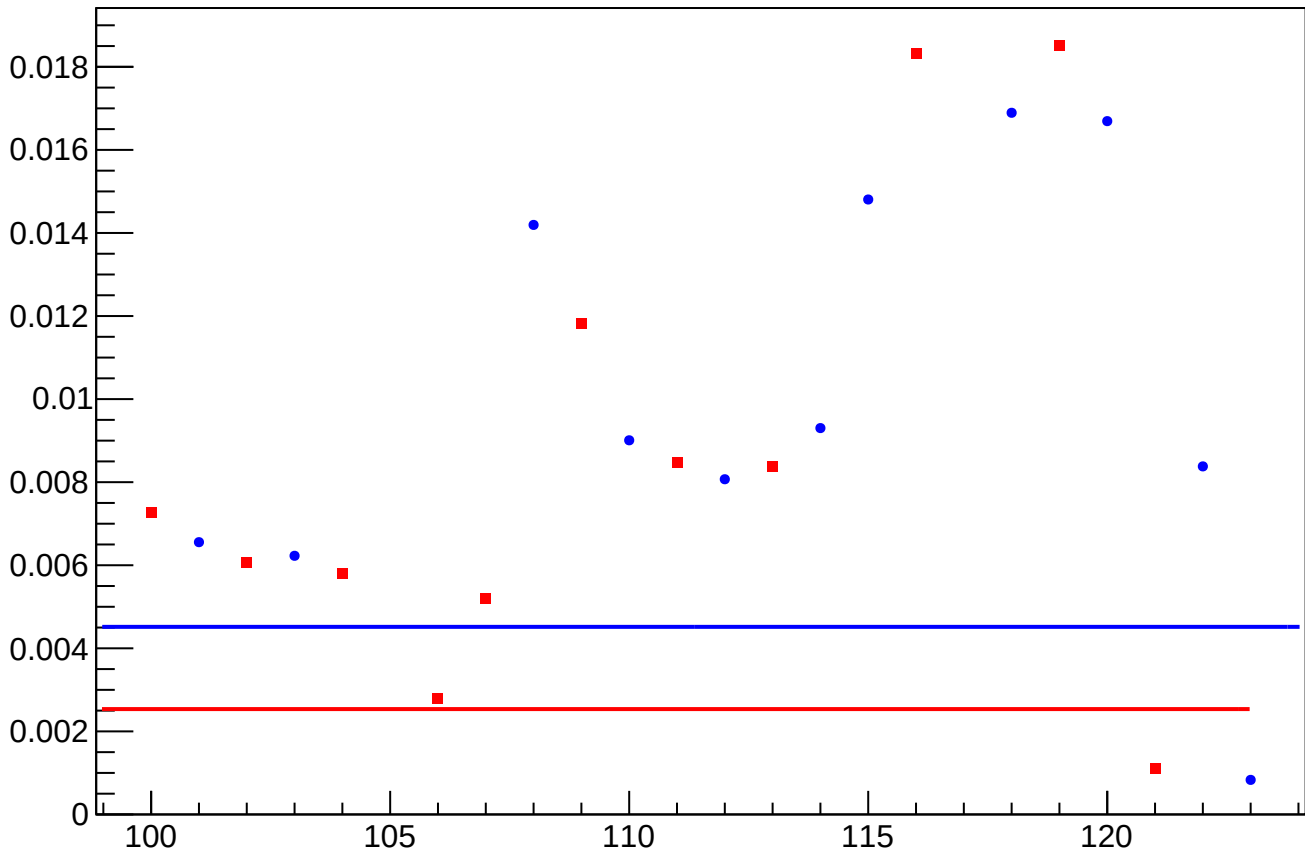
Right: 0.000+/-0.000 χ^2/NDF : 18.7/21

In: -0.000+/-0.000 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/21

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3751989.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4796475.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

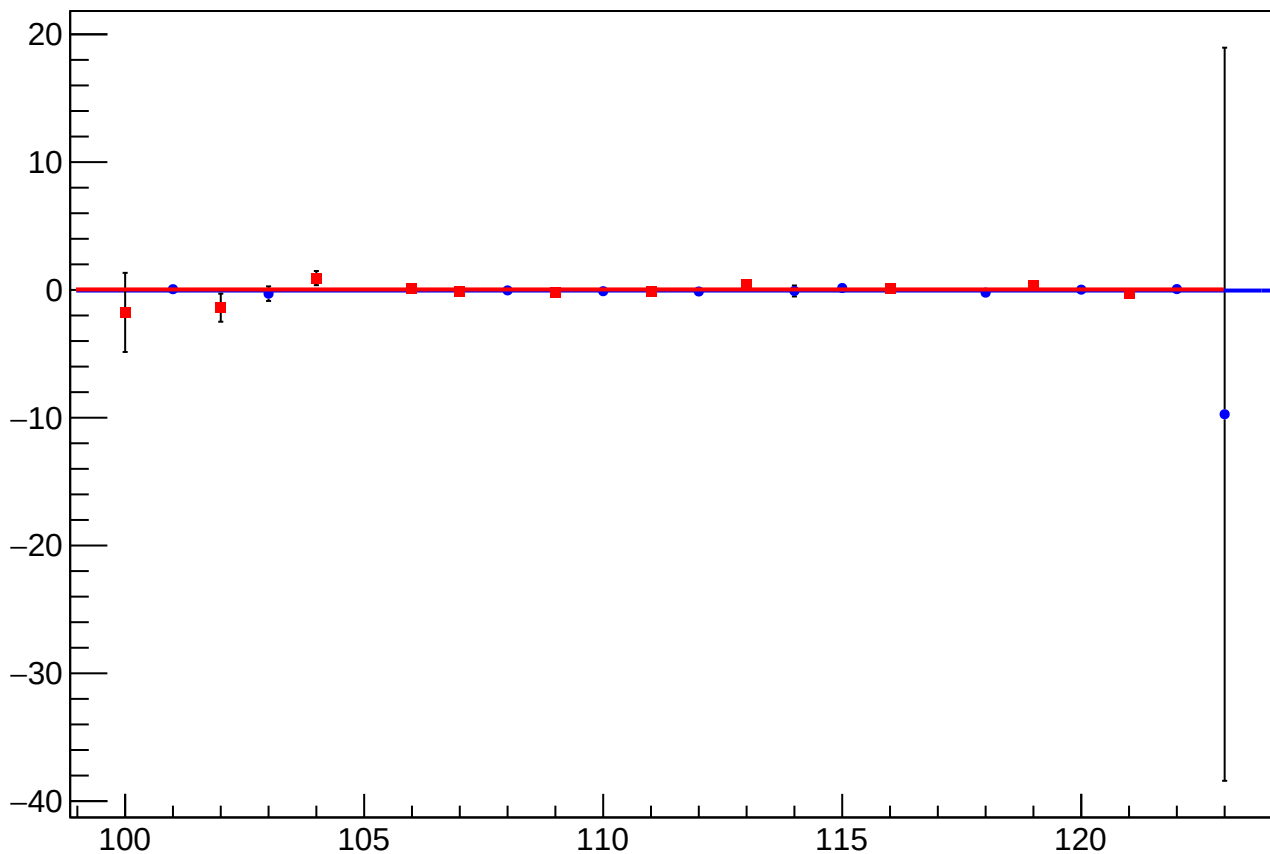
Right: 0.003+/-0.000 χ^2/NDF : 9183003.3/21

In: 0.005+/-0.000 χ^2/NDF :3751989.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9183003.3/21

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049 $\pm$ 0.059 χ^2 /NDF: 4.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.058 χ^2 /NDF: 24.9/10

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

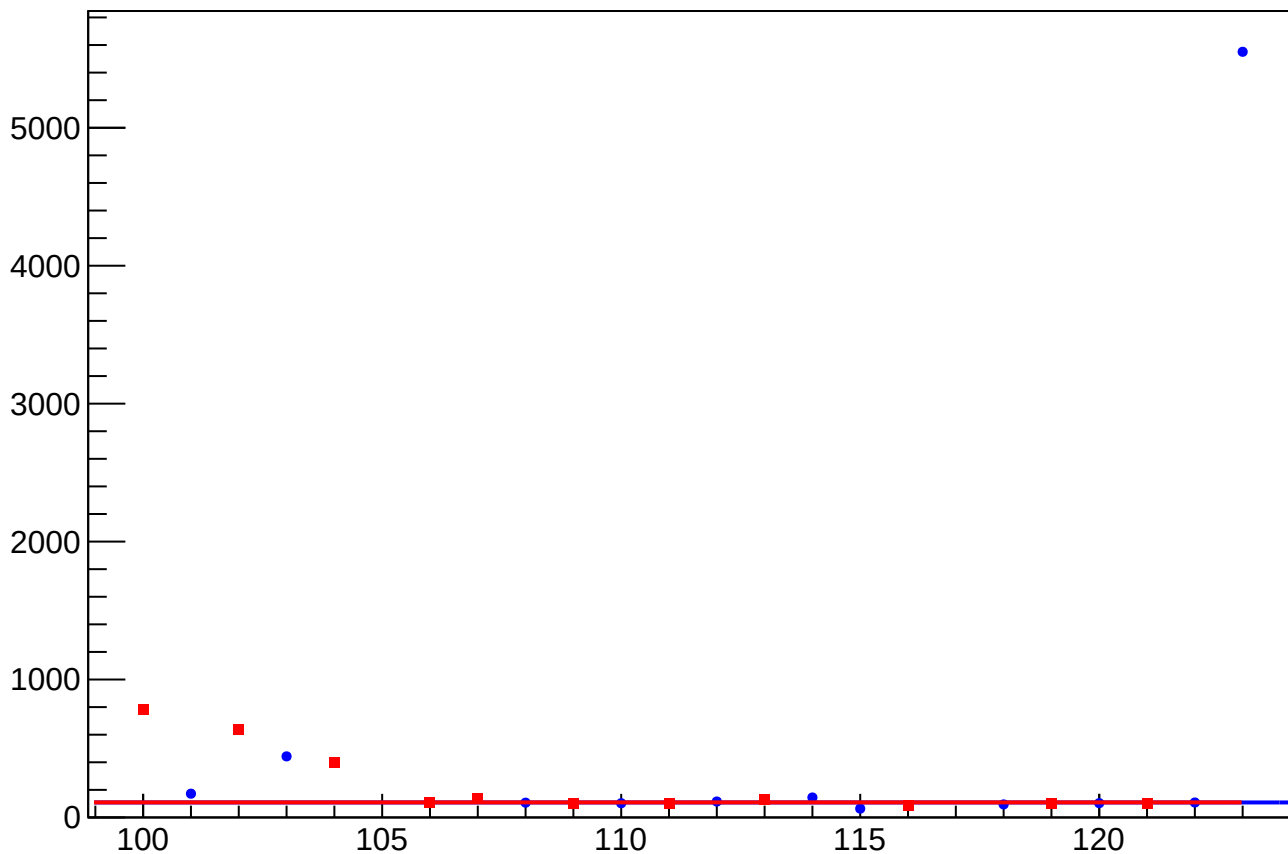
Right: -0.005 $\pm$ 0.041 χ^2 /NDF: 30.2/21

In: -0.049 $\pm$ 0.059 χ^2 /NDF:4.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.041 χ^2 /NDF: 30.2/21

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.752+/-0.042 χ^2/NDF : 1089973.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.255+/-0.041 χ^2/NDF : 1207618.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

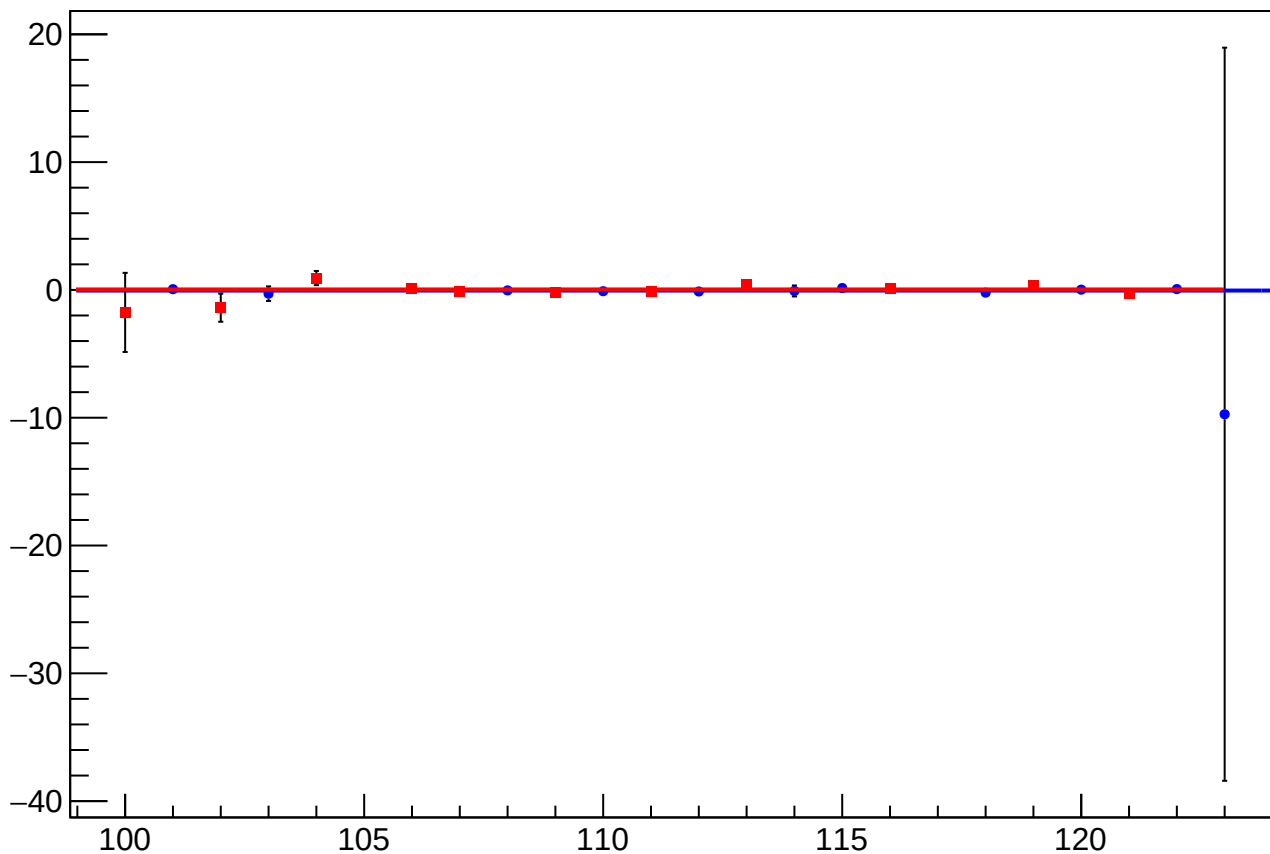
Right: 109.008+/-0.029 χ^2/NDF : 2297665.9/21

In: 108.752+/-0.042 χ^2/NDF : 1089973.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.008+/-0.029 χ^2/NDF : 2297665.9/21

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049+/-0.059 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.038+/-0.058 χ^2/NDF : 24.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

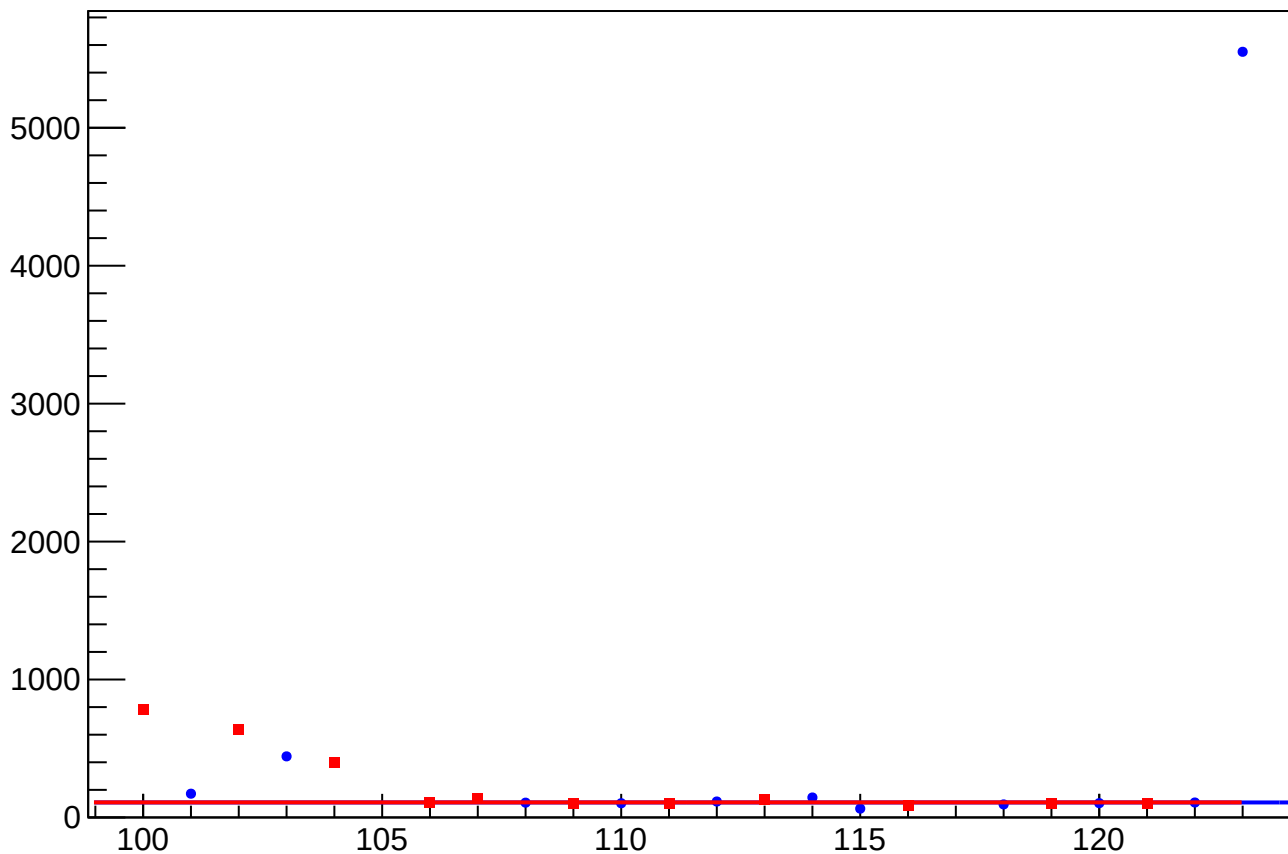
Right: -0.005+/-0.041 χ^2/NDF : 30.2/21

In: -0.049+/-0.059 χ^2/NDF :4.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.041 χ^2/NDF : 30.2/21

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.752+/-0.042 χ^2/NDF : 1089973.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.255+/-0.041 χ^2/NDF : 1207618.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

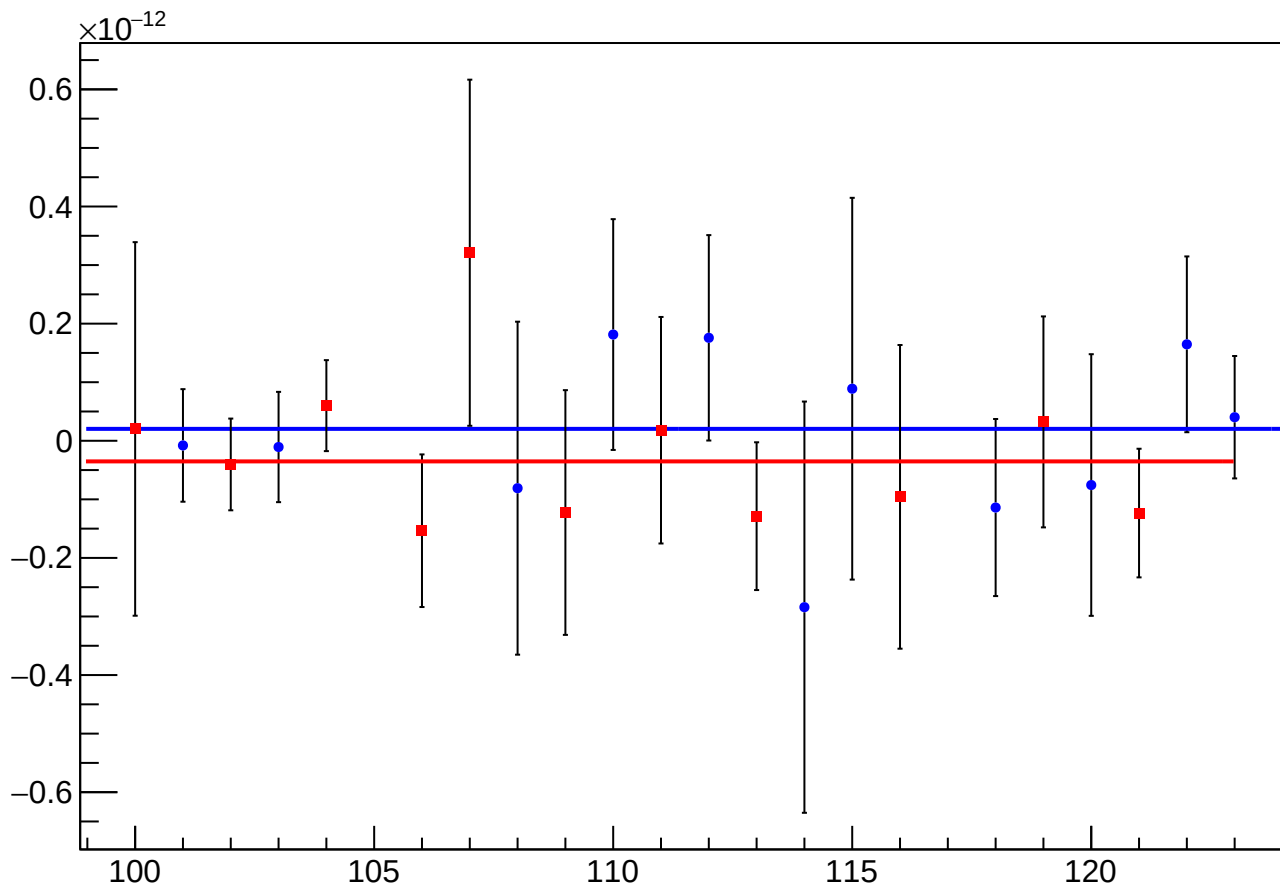
Right: 109.008+/-0.029 χ^2/NDF : 2297665.9/21

In: 108.752+/-0.042 χ^2/NDF : 1089973.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.008+/-0.029 χ^2/NDF : 2297665.9/21

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/10

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

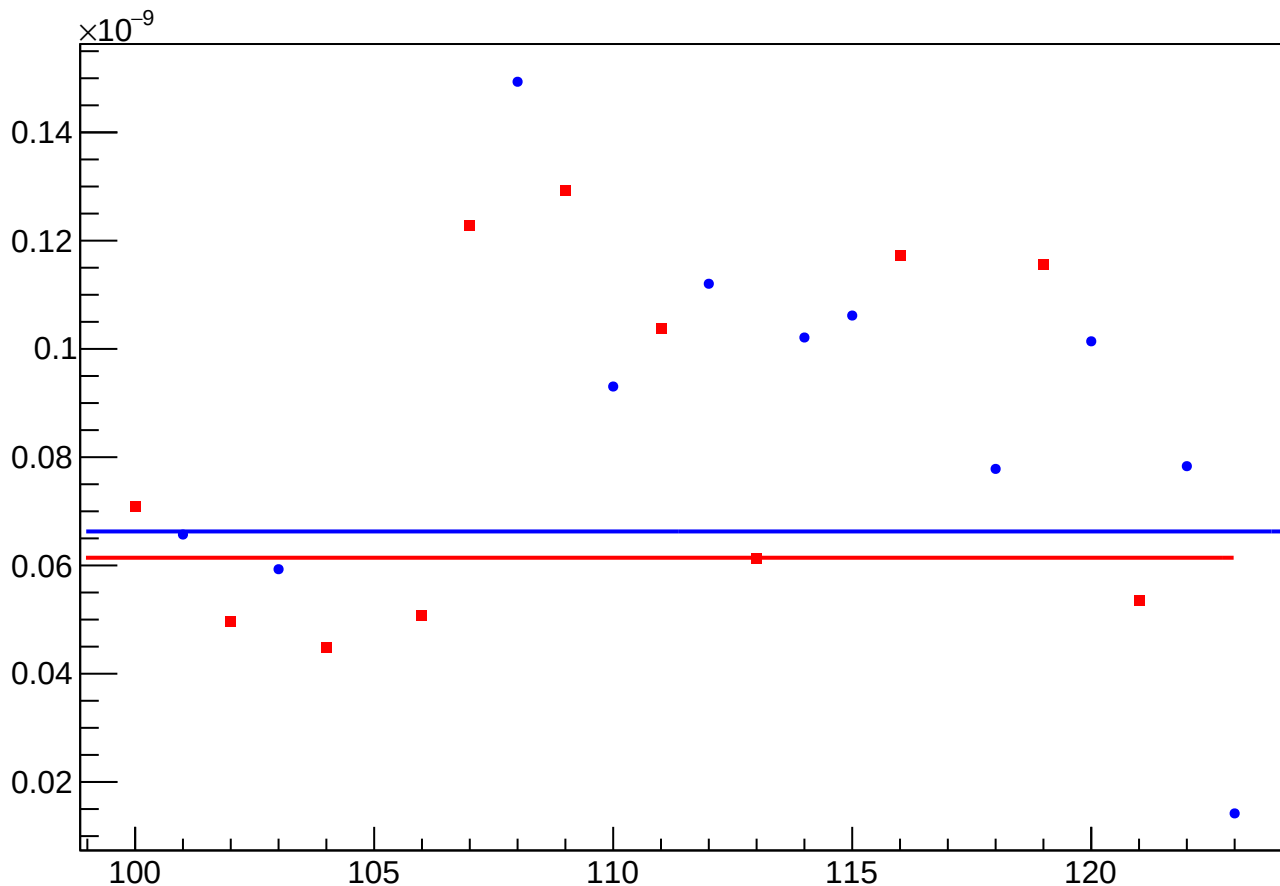
Right: -0.000+/-0.000 χ^2/NDF : 10.8/21

In: 0.000+/-0.000 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/21

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 976489.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 829674.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

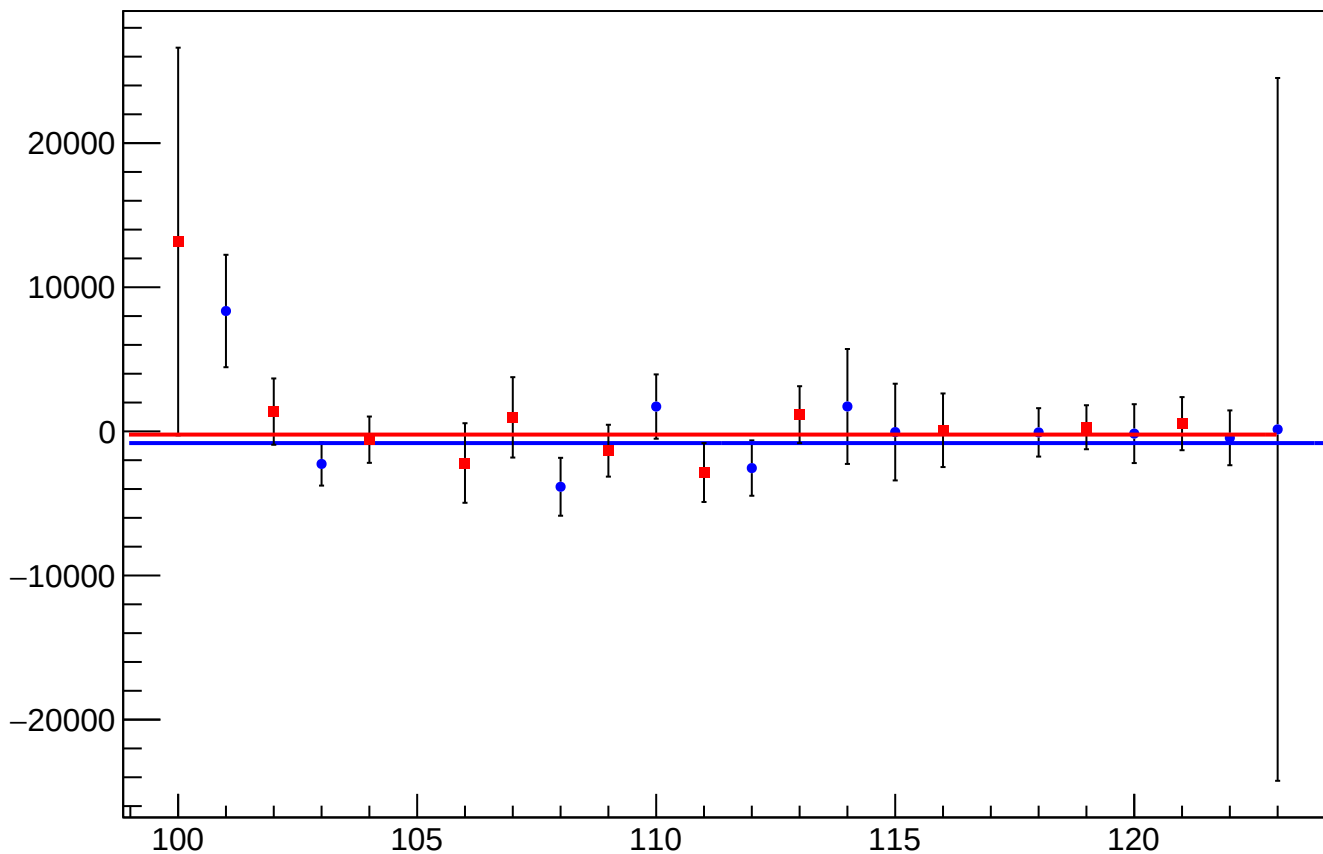
Right: 0.000+/-0.000 χ^2/NDF : 1819631.1/21

In: 0.000+/-0.000 χ^2/NDF : 976489.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1819631.1/21

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -812.788+/-666.265 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.774+/-629.493 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

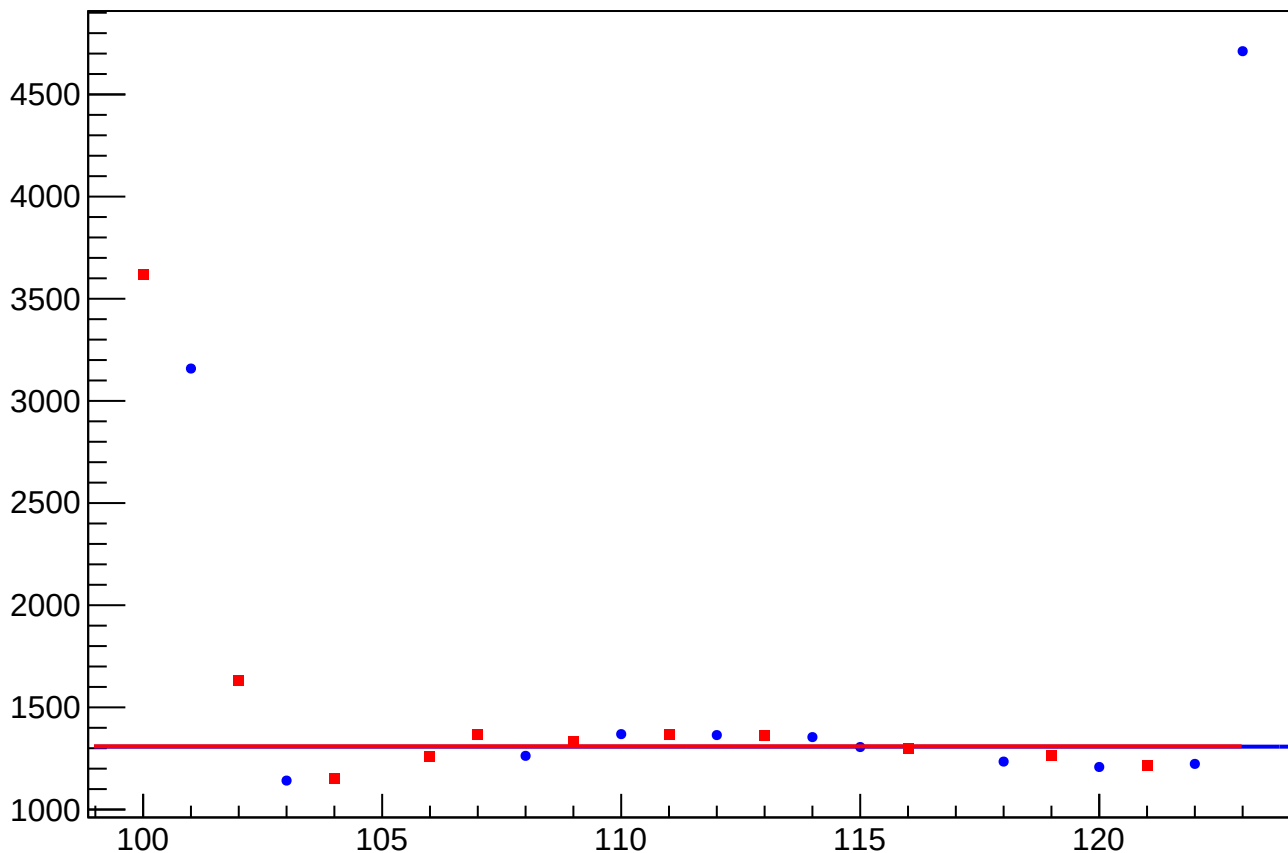
Right: -501.051+/-457.566 χ^2/NDF : 17.1/21

In: -812.788+/-666.265 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.051+/-457.566 χ^2/NDF : 17.1/21

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530771.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.336+/-0.443 χ^2/NDF : 130154.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

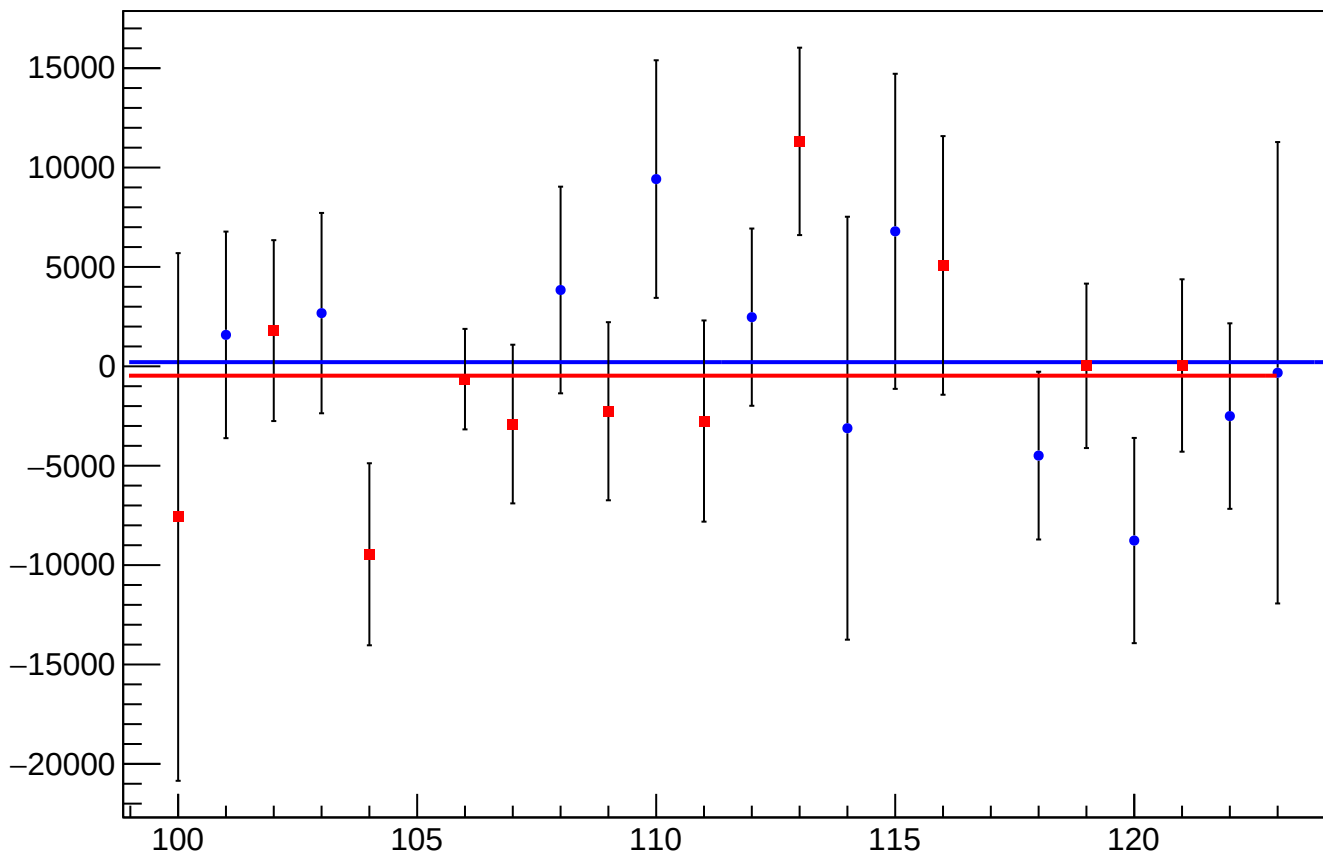
Right: 1308.579+/-0.323 χ^2/NDF : 660932.2/21

In: 1307.723+/-0.471 χ^2/NDF : 530771.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.579+/-0.323 χ^2/NDF : 660932.2/21

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 210.215+/-1658.653 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.279+/-1301.867 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

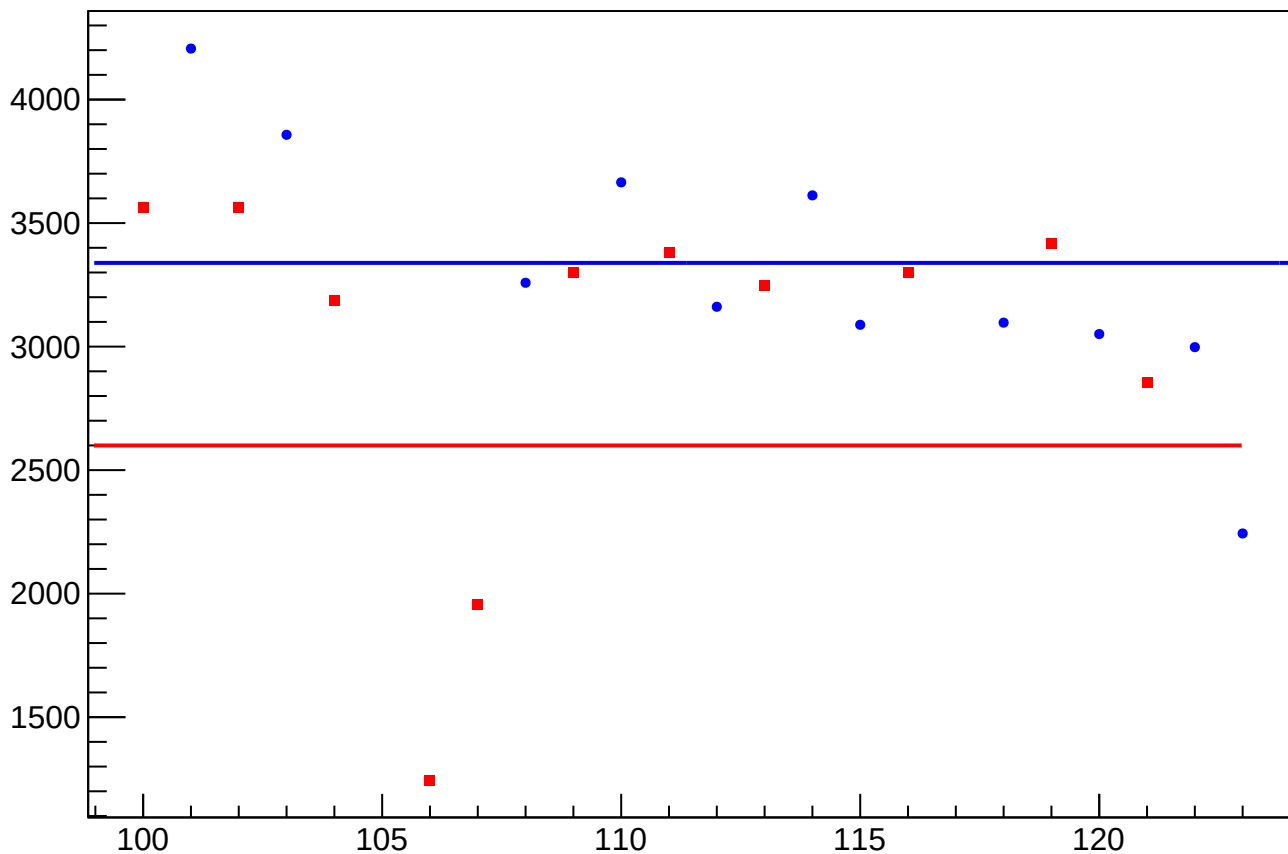
Right: -210.867+/-1024.090 χ^2/NDF : 21.1/21

In: 210.215+/-1658.653 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.867+/-1024.090 χ^2/NDF : 21.1/21

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3338.870+/-1.173 χ^2/NDF : 131140.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2599.798+/-0.921 χ^2/NDF : 1003170.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

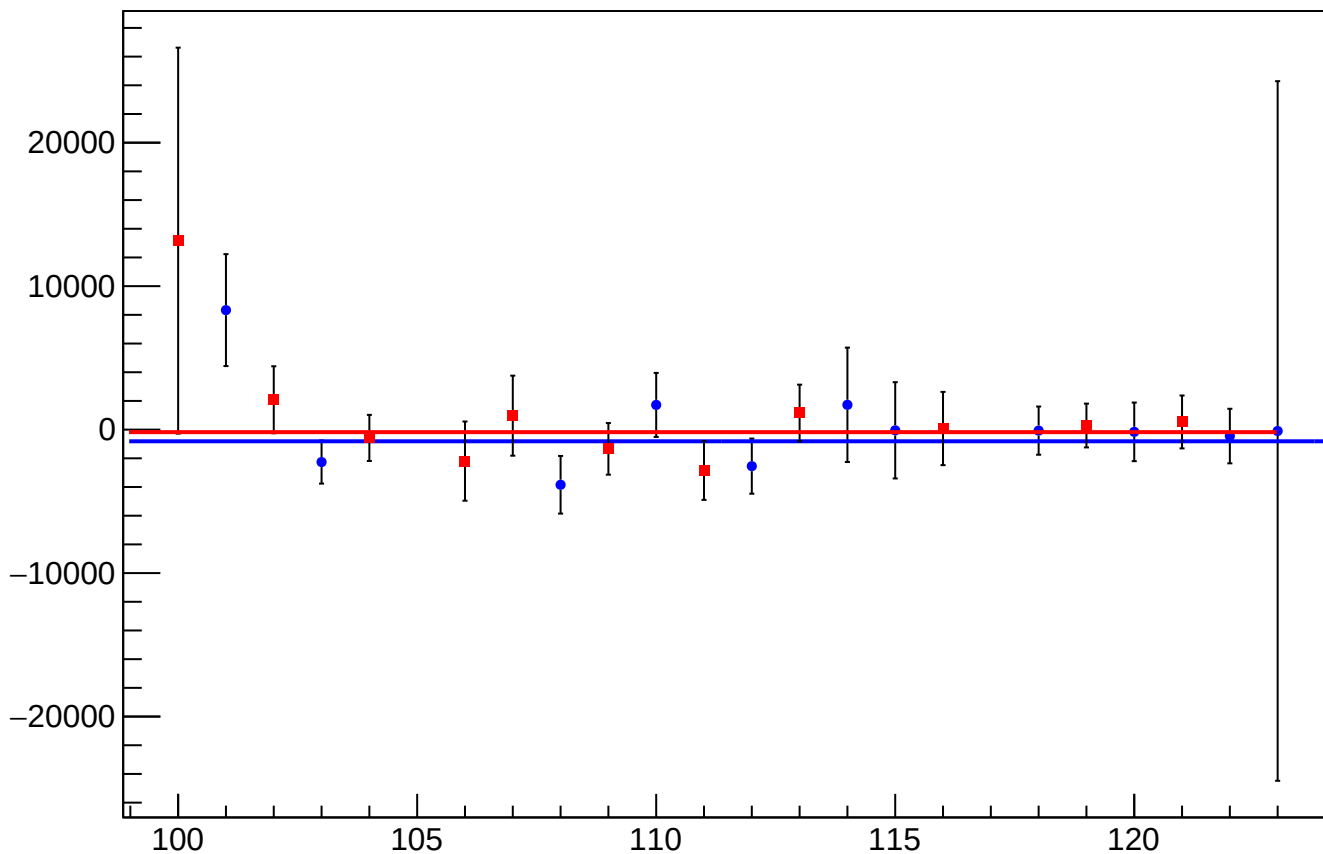
Right: 2881.540+/-0.724 χ^2/NDF : 1380027.1/21

In: 3338.870+/-1.173 χ^2/NDF : 131140.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.540+/-0.724 χ^2/NDF : 1380027.1/21

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -813.680+/-666.265 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.690+/-630.189 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

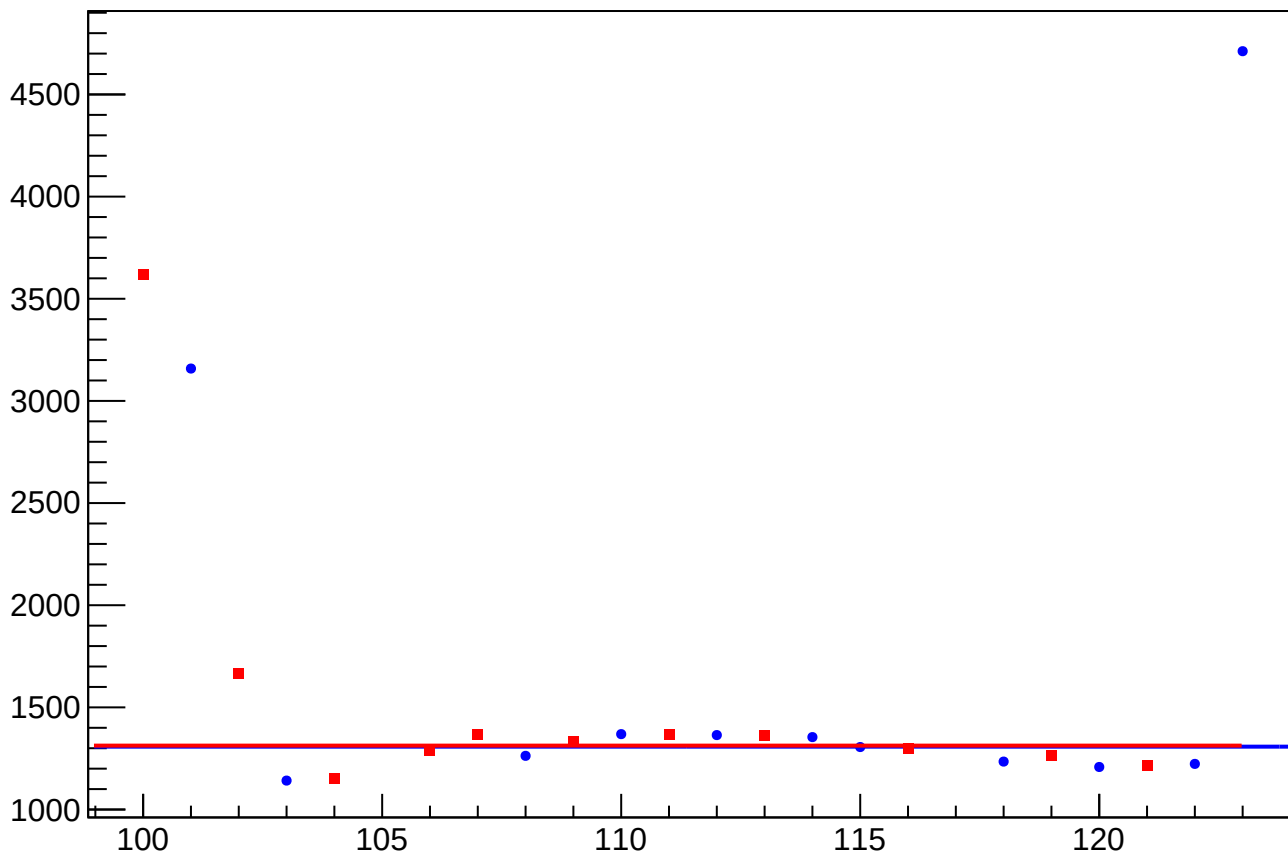
Right: -476.418+/-457.834 χ^2/NDF : 17.6/21

In: -813.680+/-666.265 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.418+/-457.834 χ^2/NDF : 17.6/21

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.760+/-0.444 χ^2/NDF : 136298.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

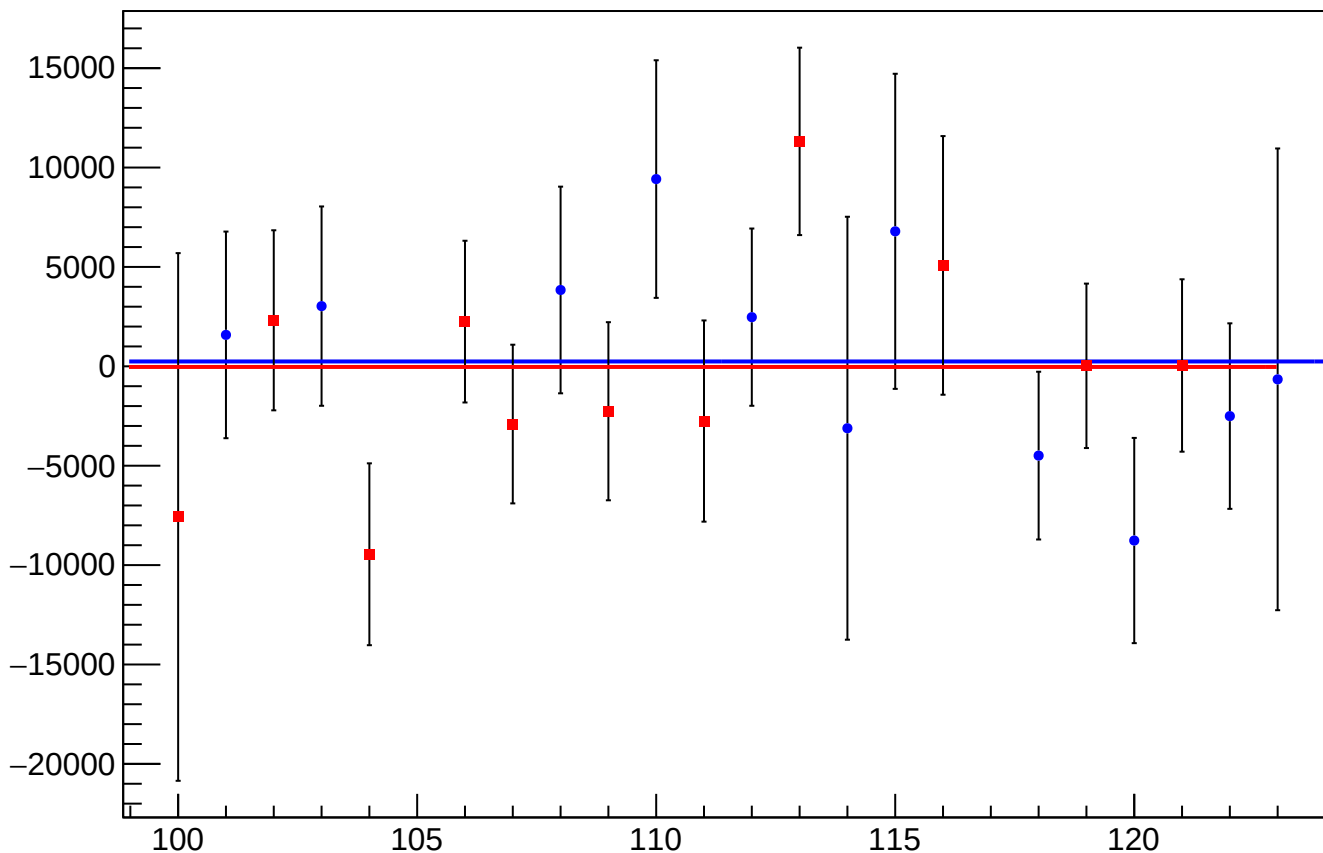
Right: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.439+/-1422.045 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

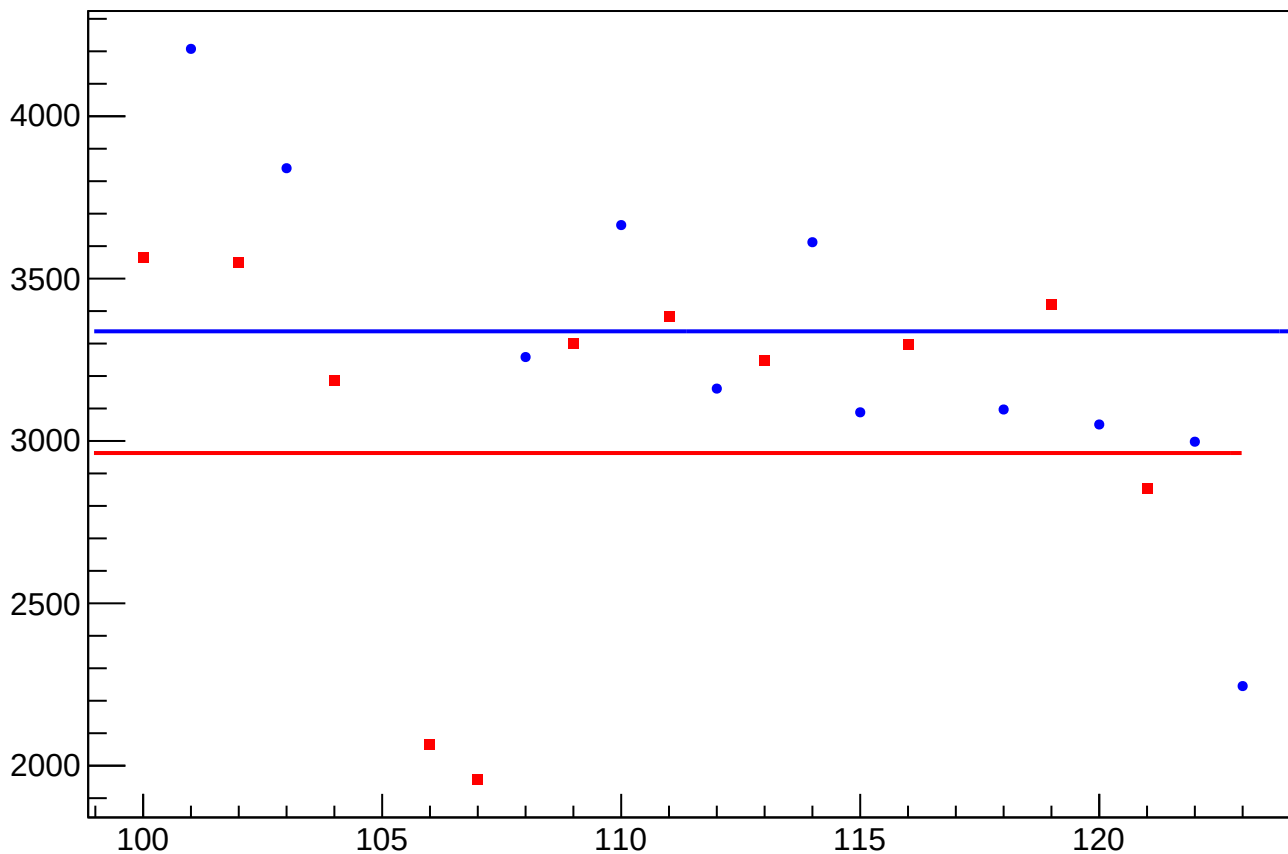
Right: 85.479+/-1079.348 χ^2/NDF : 21.5/21

In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-1079.348 χ^2/NDF : 21.5/21

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.873+/-1.006 χ^2/NDF : 330424.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

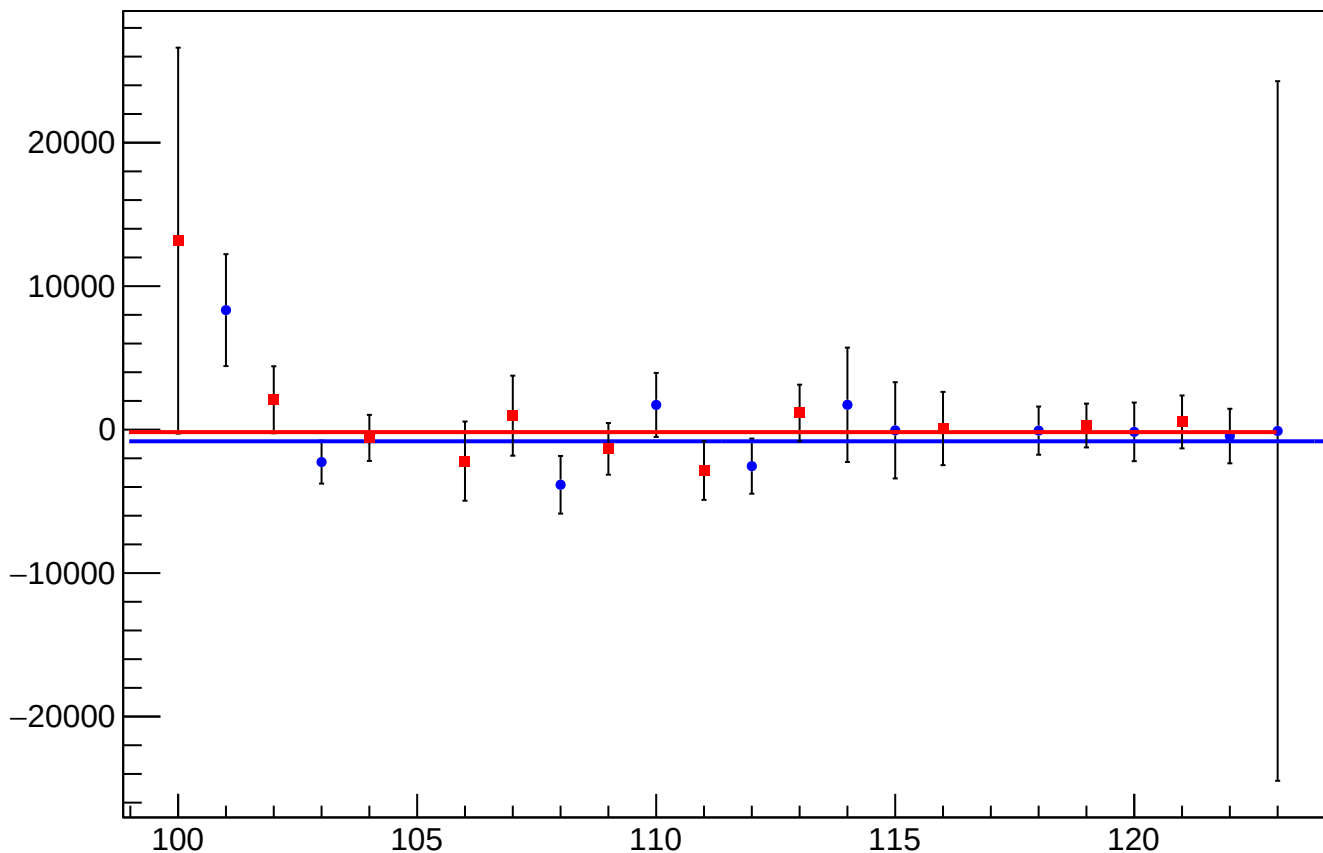
Right: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -813.680+/-666.265 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -174.690+/-630.189 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

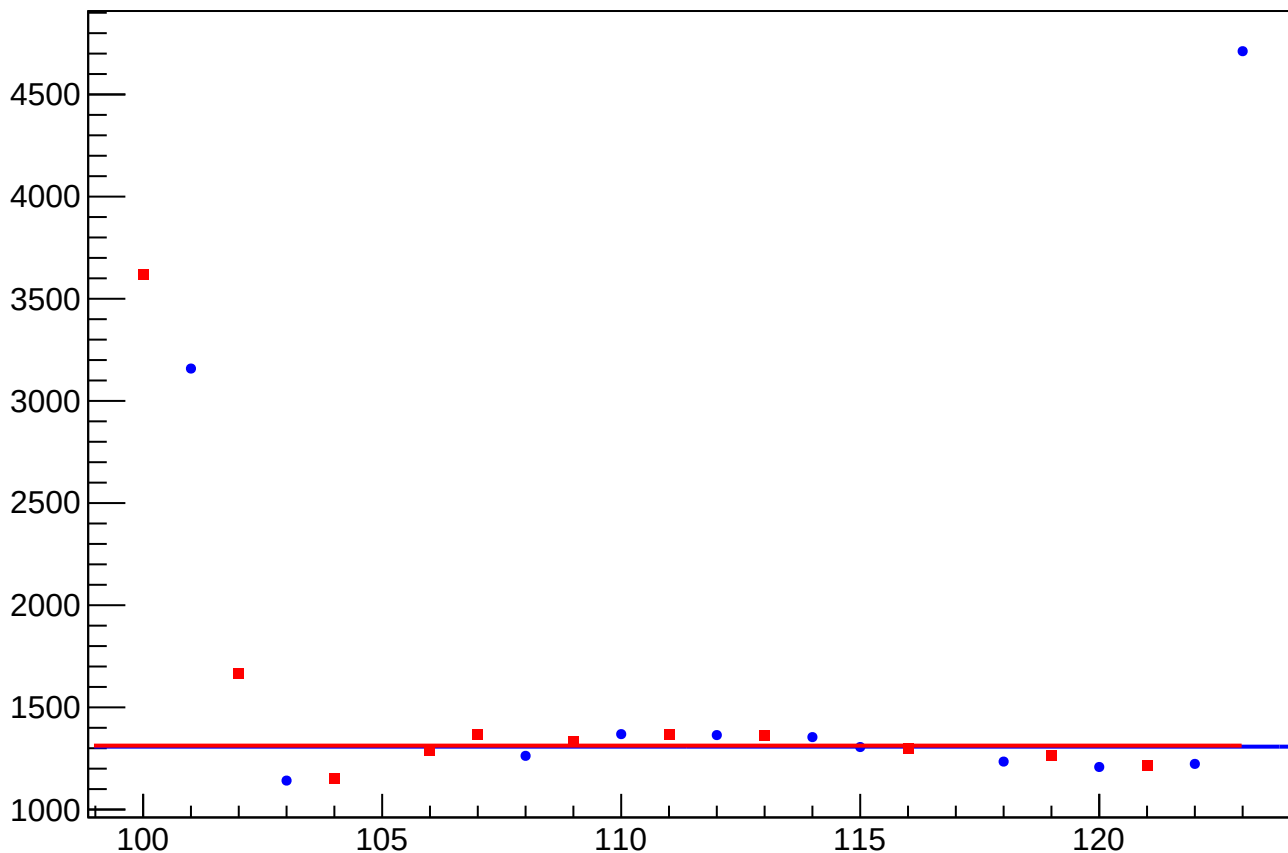
Right: -476.418+/-457.834 χ^2 /NDF: 17.6/21

In: -813.680+/-666.265 χ^2 /NDF:11.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -476.418+/-457.834 χ^2 /NDF: 17.6/21

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.760+/-0.444 χ^2/NDF : 136298.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

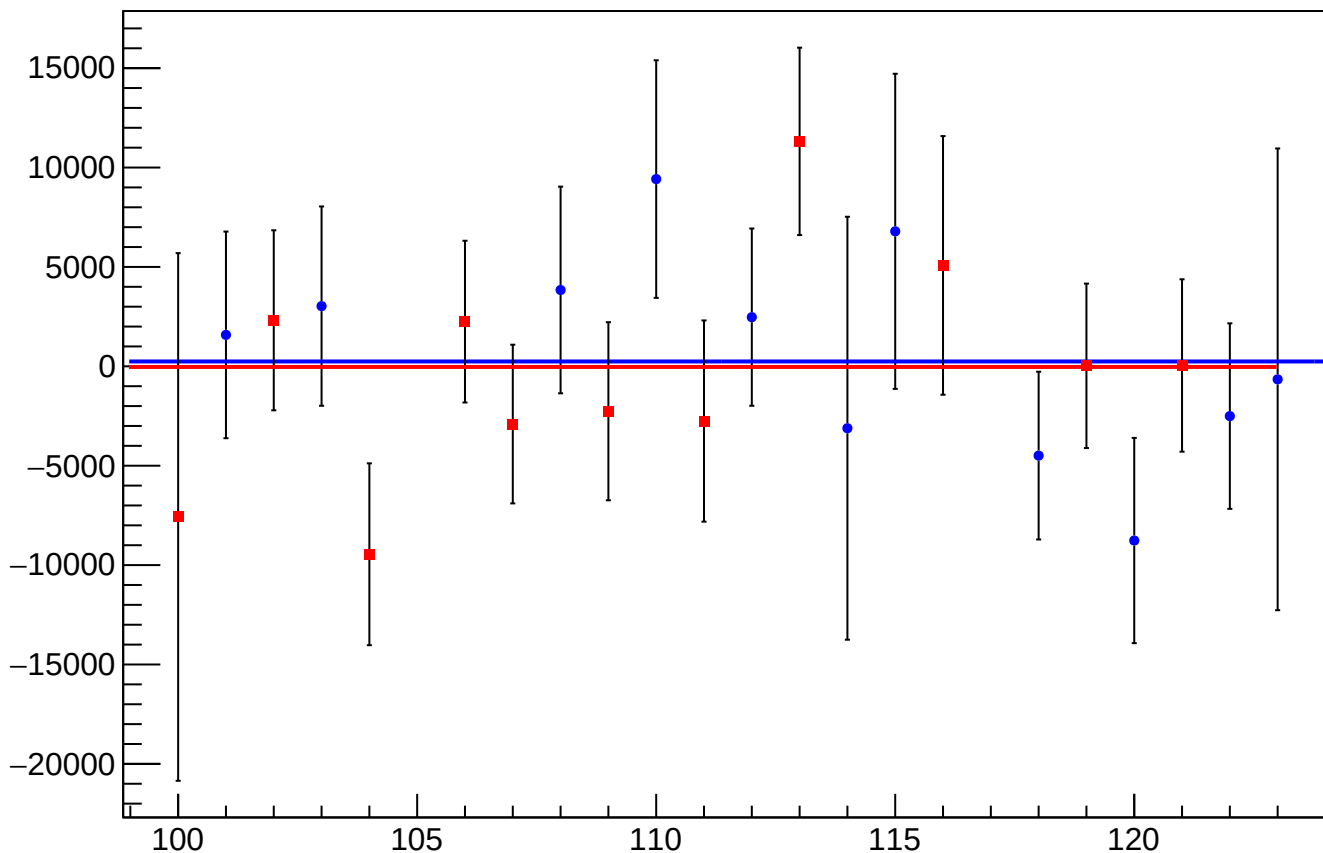
Right: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.439+/-1422.045 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

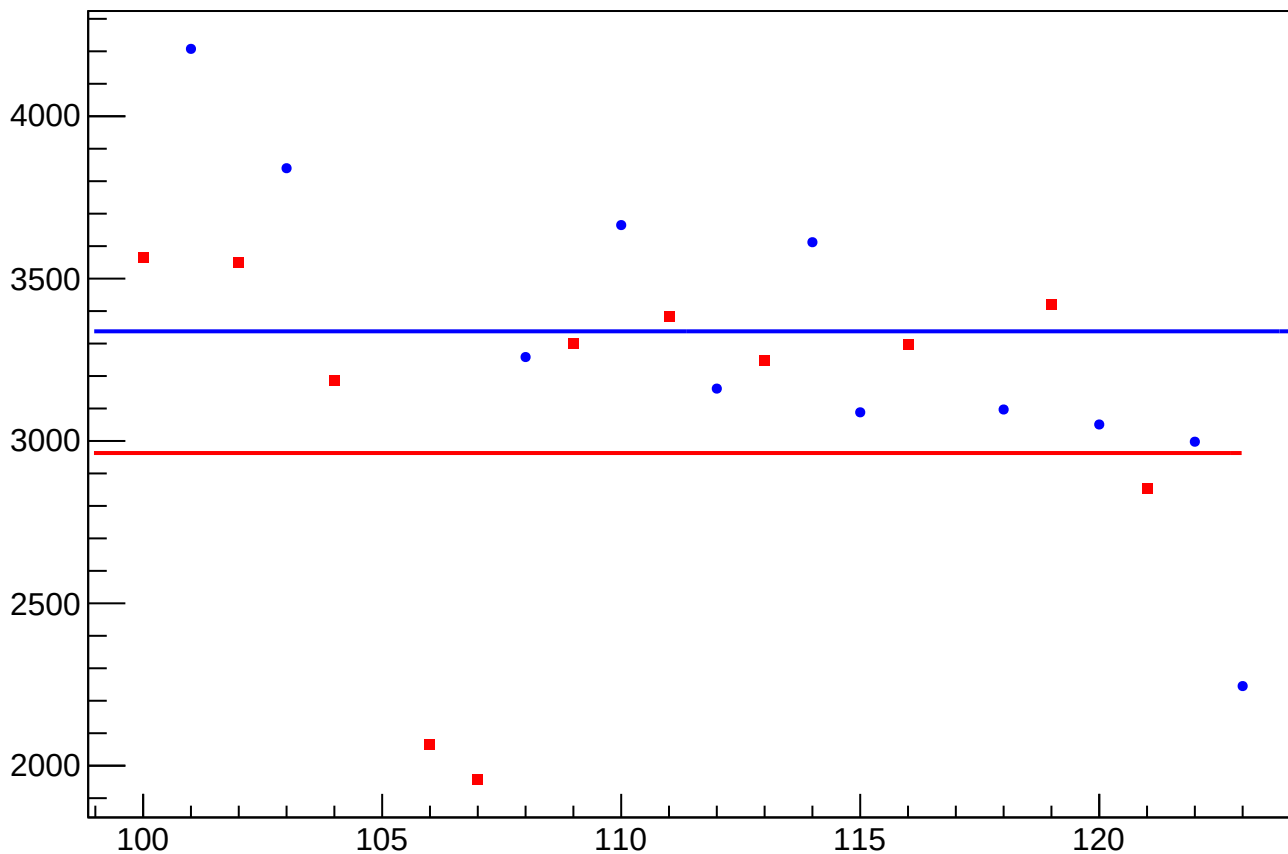
Right: 85.479+/-1079.348 χ^2/NDF : 21.5/21

In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-1079.348 χ^2/NDF : 21.5/21

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.873+/-1.006 χ^2/NDF : 330424.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

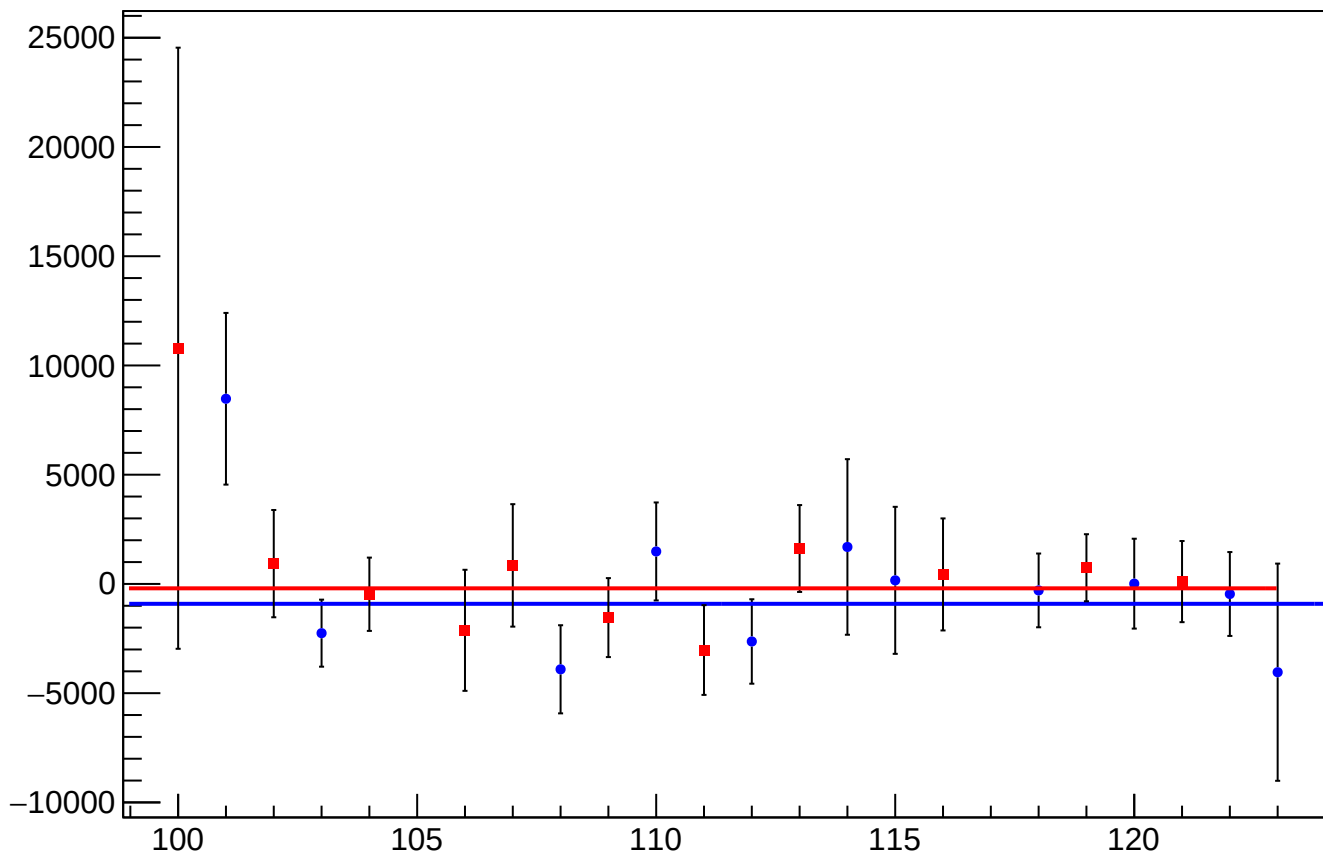
Right: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -909.907+/-666.470 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.279+/-639.298 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

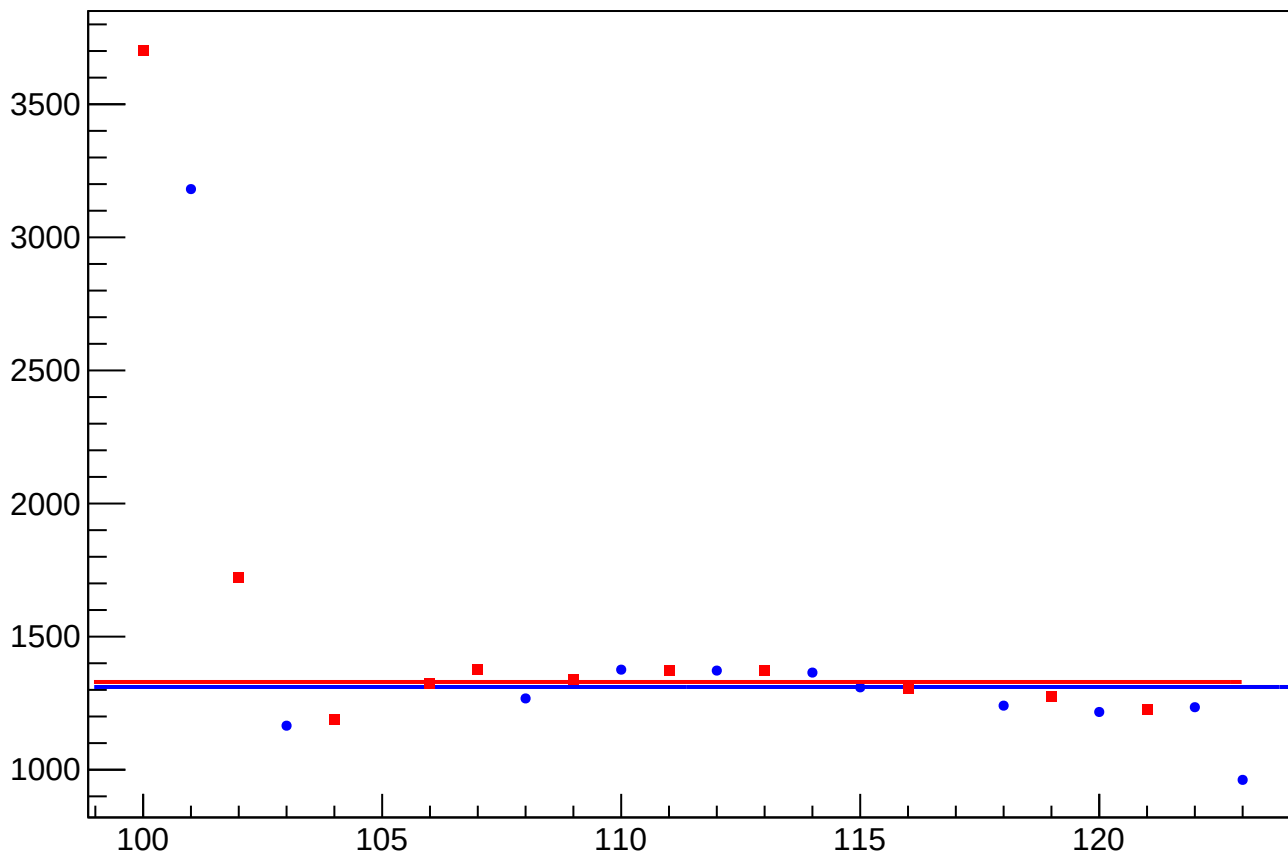
Right: -540.853+/-461.359 χ^2/NDF : 17.8/21

In: -909.907+/-666.470 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.853+/-461.359 χ^2/NDF : 17.8/21

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1310.848+/-0.471 χ^2/NDF : 496777.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.652+/-0.451 χ^2/NDF : 135750.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

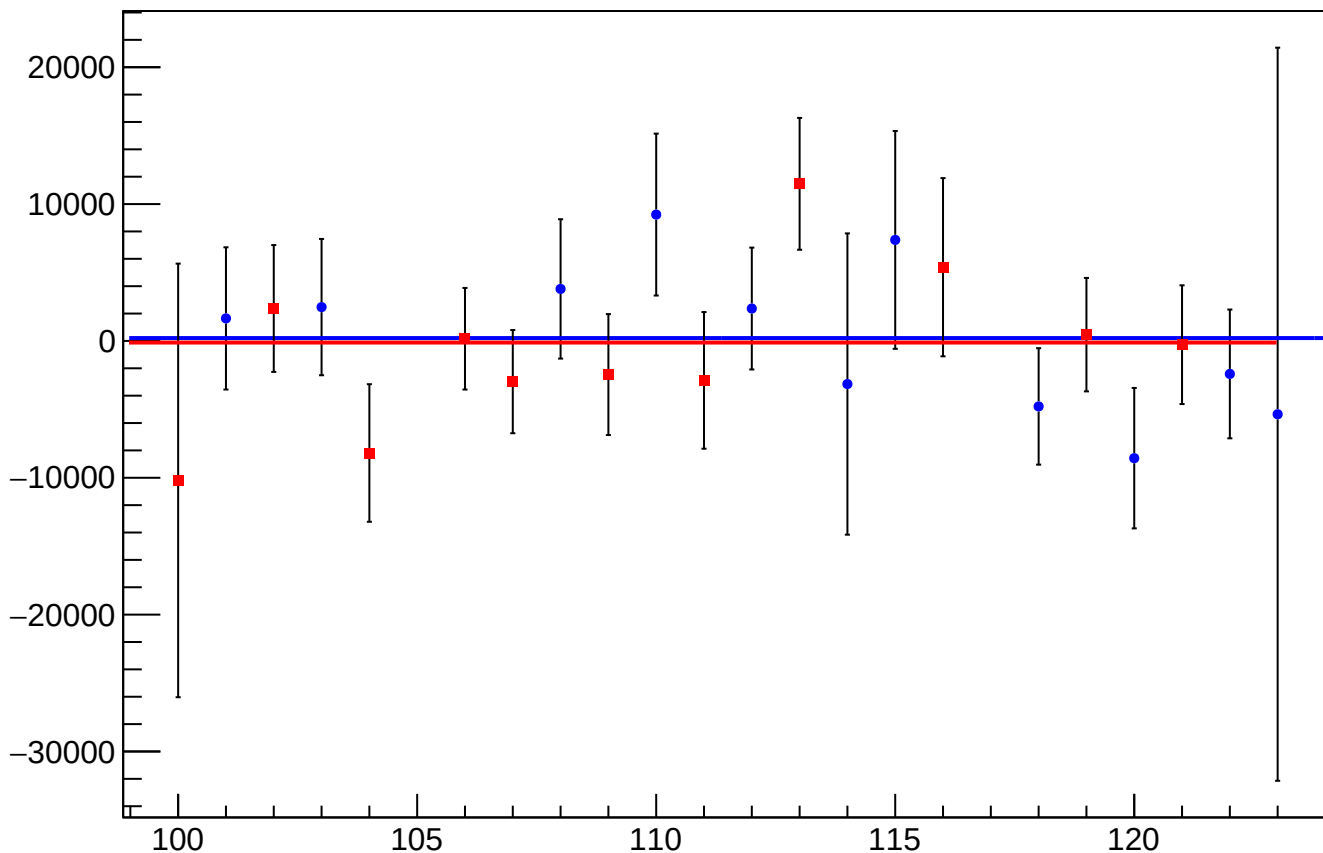
Right: 1320.653+/-0.326 χ^2/NDF : 633358.5/21

In: 1310.848+/-0.471 χ^2/NDF : 496777.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.653+/-0.326 χ^2/NDF : 633358.5/21

asym_atl_dd_attr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.979 $\pm$ 1669.515 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -118.435 $\pm$ 1410.857 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

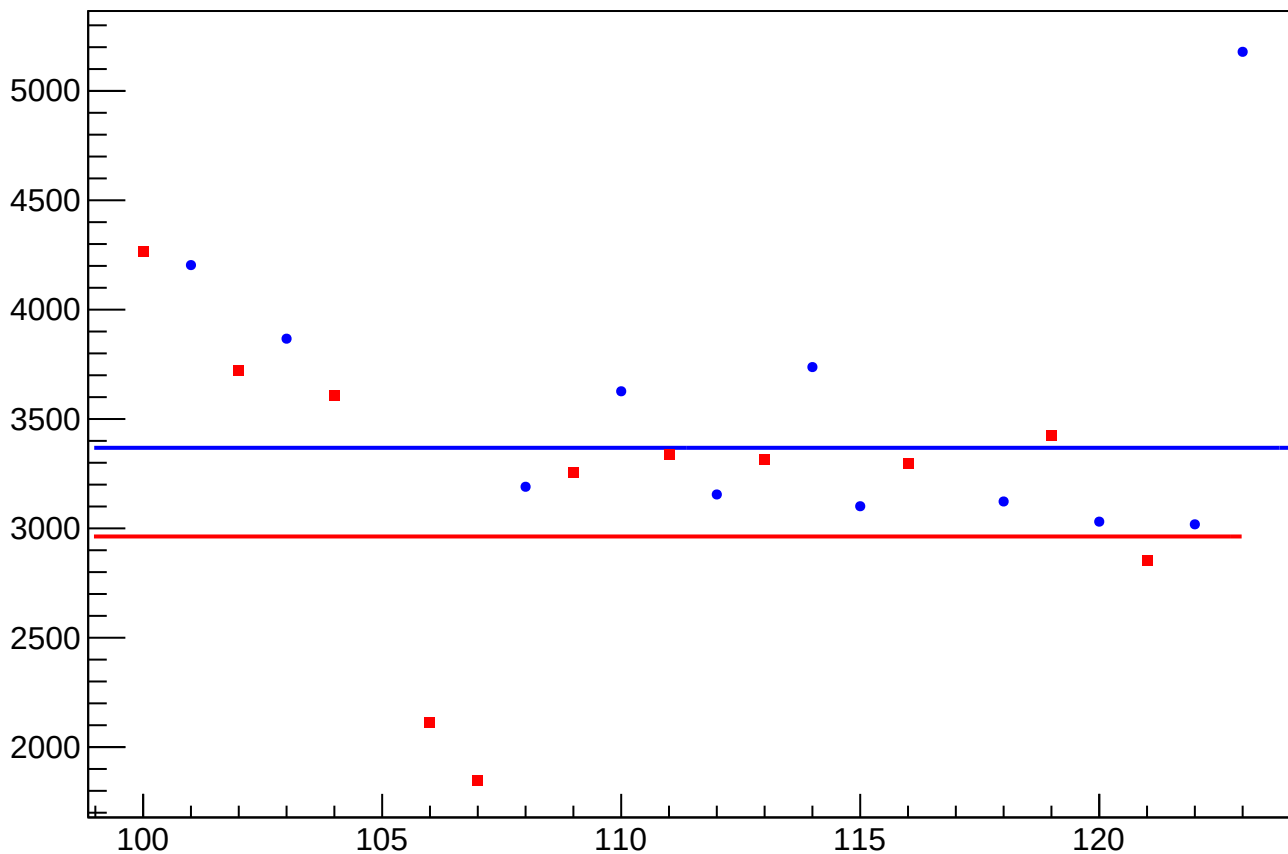
Right: 17.972 $\pm$ 1077.605 χ^2 /NDF: 19.9/21

In: 208.979 $\pm$ 1669.515 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.972 $\pm$ 1077.605 χ^2 /NDF: 19.9/21

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3368.330+/-1.181 χ^2/NDF : 122633.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.931+/-0.998 χ^2/NDF : 442380.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

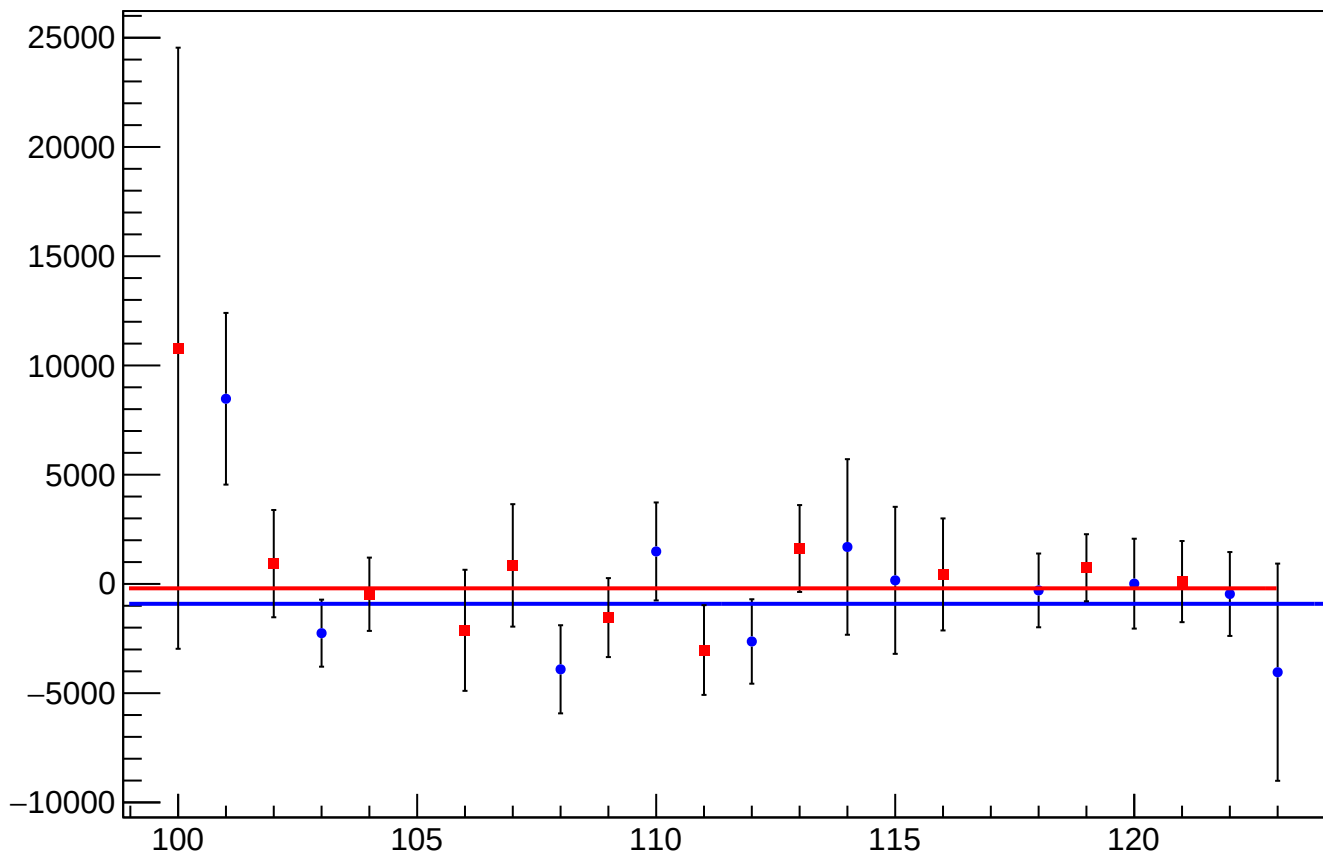
Right: 3131.827+/-0.762 χ^2/NDF : 633810.8/21

In: 3368.330+/-1.181 χ^2/NDF : 122633.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.827+/-0.762 χ^2/NDF : 633810.8/21

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -909.905+/-666.470 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.288+/-639.298 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

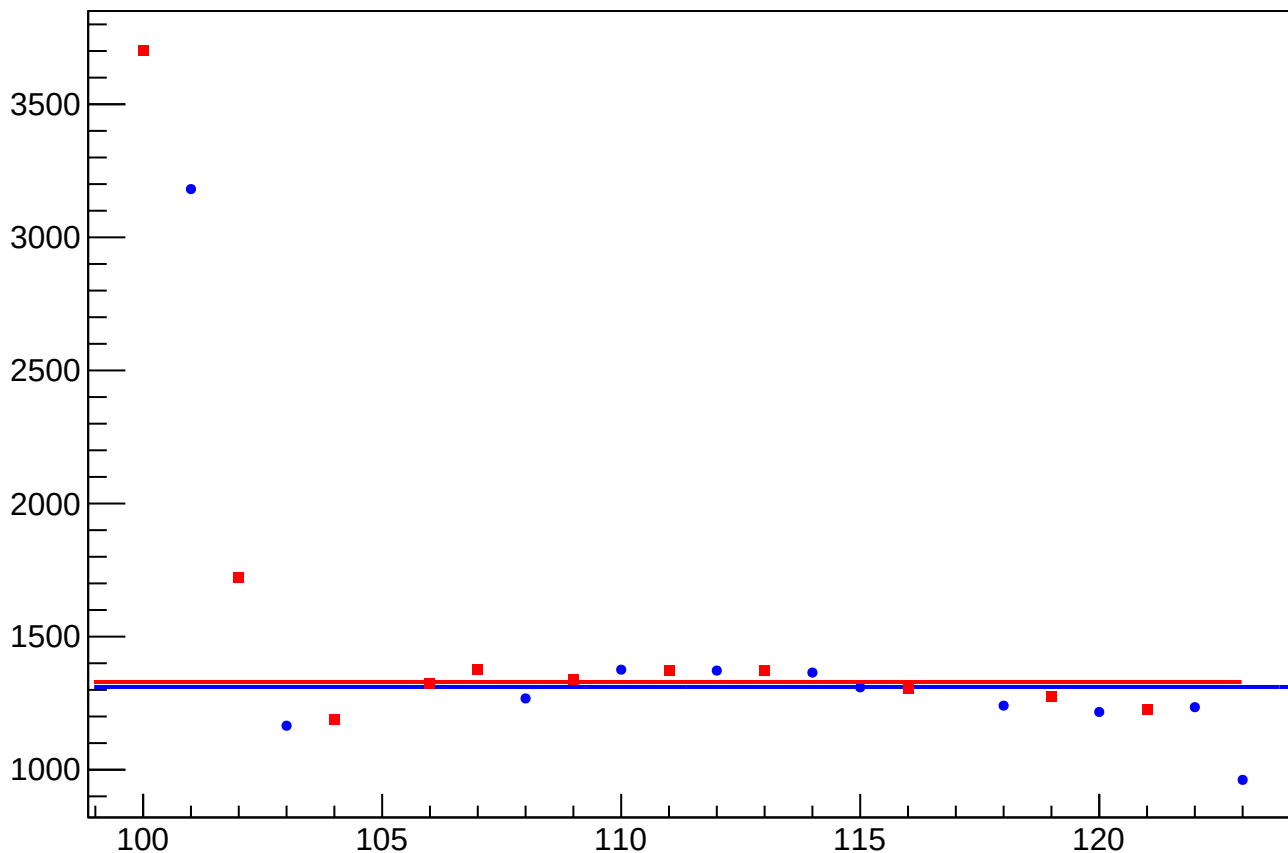
Right: -540.857+/-461.359 χ^2/NDF : 17.8/21

In: -909.905+/-666.470 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.857+/-461.359 χ^2/NDF : 17.8/21

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1310.848+/-0.471 χ^2 /NDF: 496777.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1329.652+/-0.451 χ^2 /NDF: 135750.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

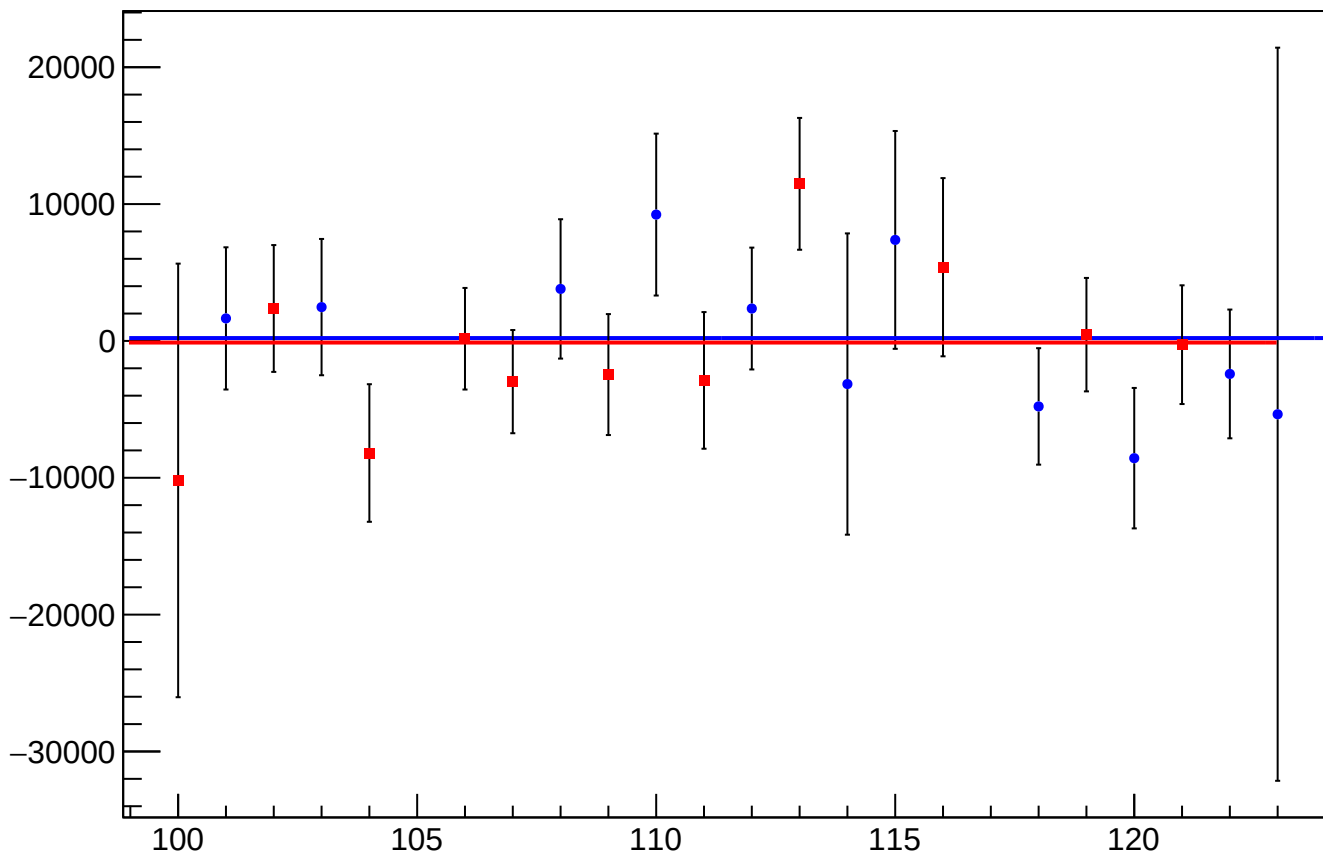
Right: 1320.653+/-0.326 χ^2 /NDF: 633358.6/21

In: 1310.848+/-0.471 χ^2 /NDF:496777.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1320.653+/-0.326 χ^2 /NDF: 633358.6/21

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.971+/-1669.510 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.438+/-1410.854 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

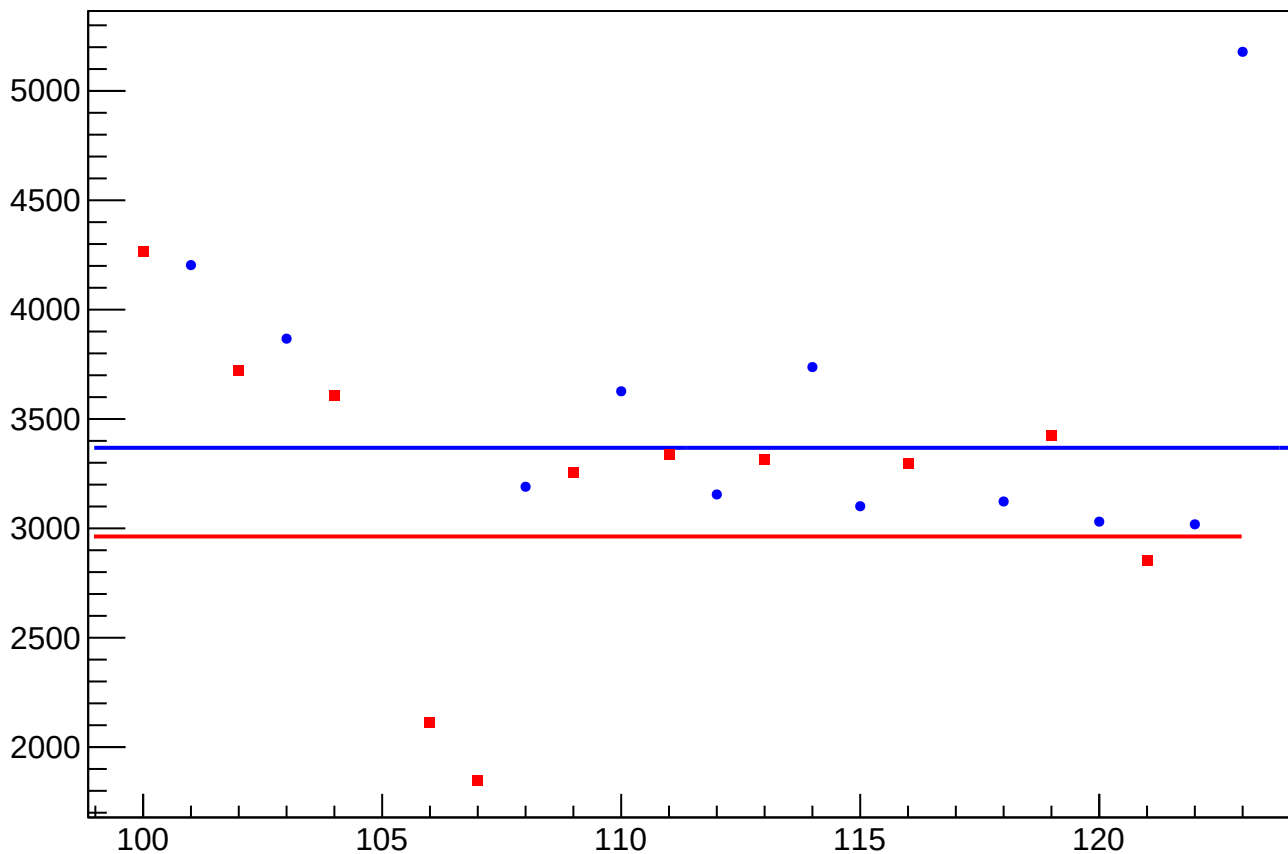
Right: 17.967+/-1077.602 χ^2/NDF : 19.9/21

In: 208.971+/-1669.510 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.967+/-1077.602 χ^2/NDF : 19.9/21

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3368.319+/-1.181 χ^2/NDF : 122636.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.923+/-0.998 χ^2/NDF : 442382.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

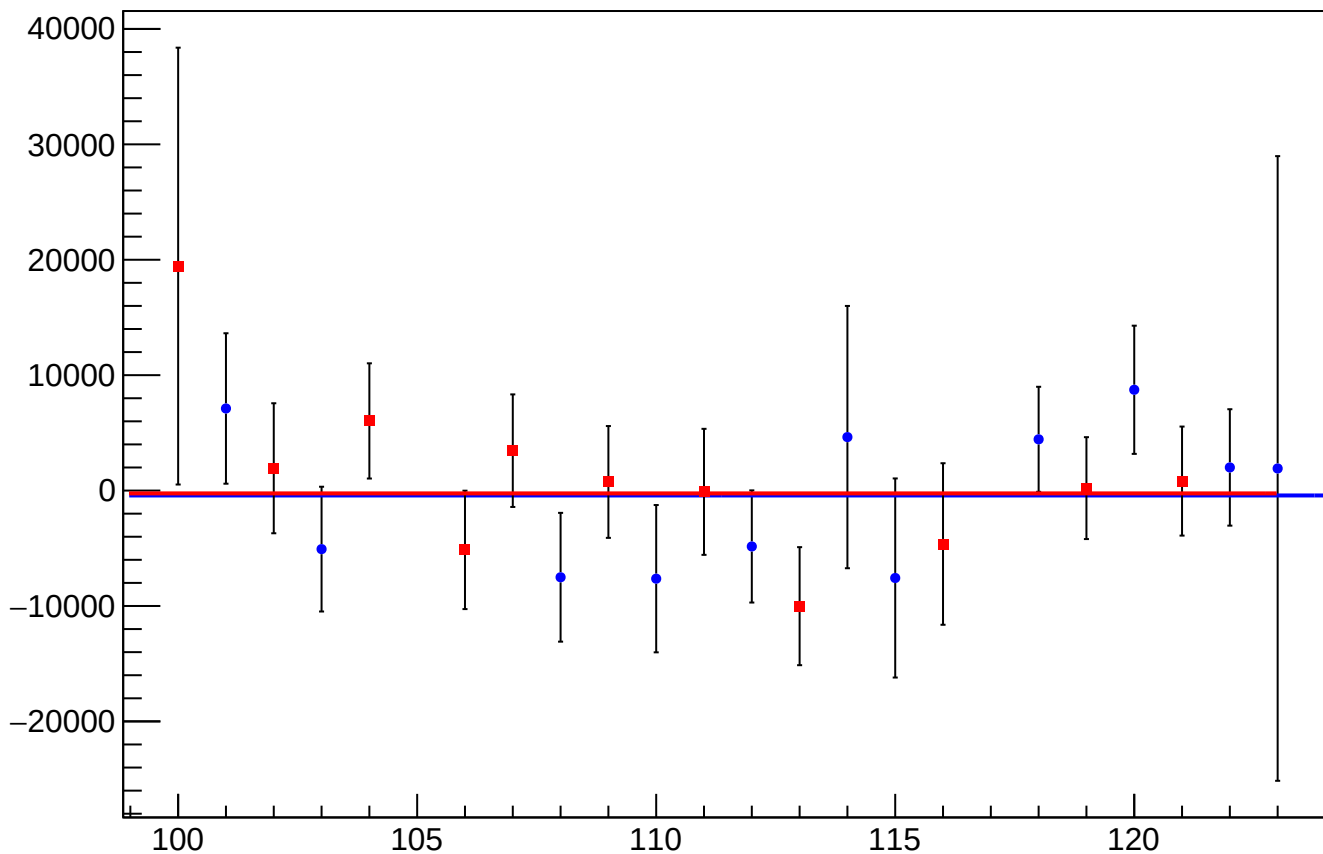
Right: 3131.819+/-0.762 χ^2/NDF : 633814.8/21

In: 3368.319+/-1.181 χ^2/NDF : 122636.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.819+/-0.762 χ^2/NDF : 633814.8/21

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -423.543+/-1827.736 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -244.320+/-1610.724 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

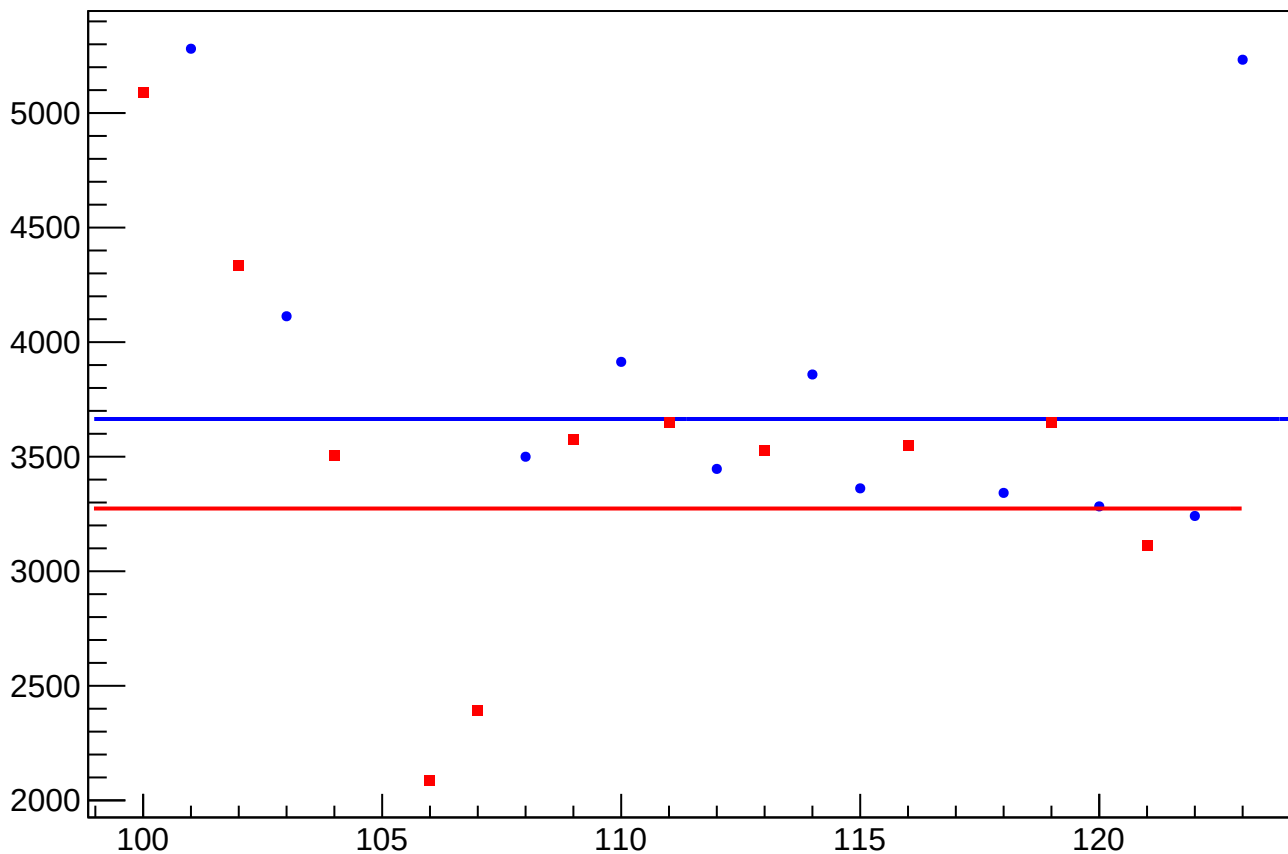
Right: -322.665+/-1208.432 χ^2/NDF : 19.2/21

In: -423.543+/-1827.736 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.665+/-1208.432 χ^2/NDF : 19.2/21

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3664.565+/-1.292 χ^2/NDF : 188861.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.815+/-1.117 χ^2/NDF : 351966.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

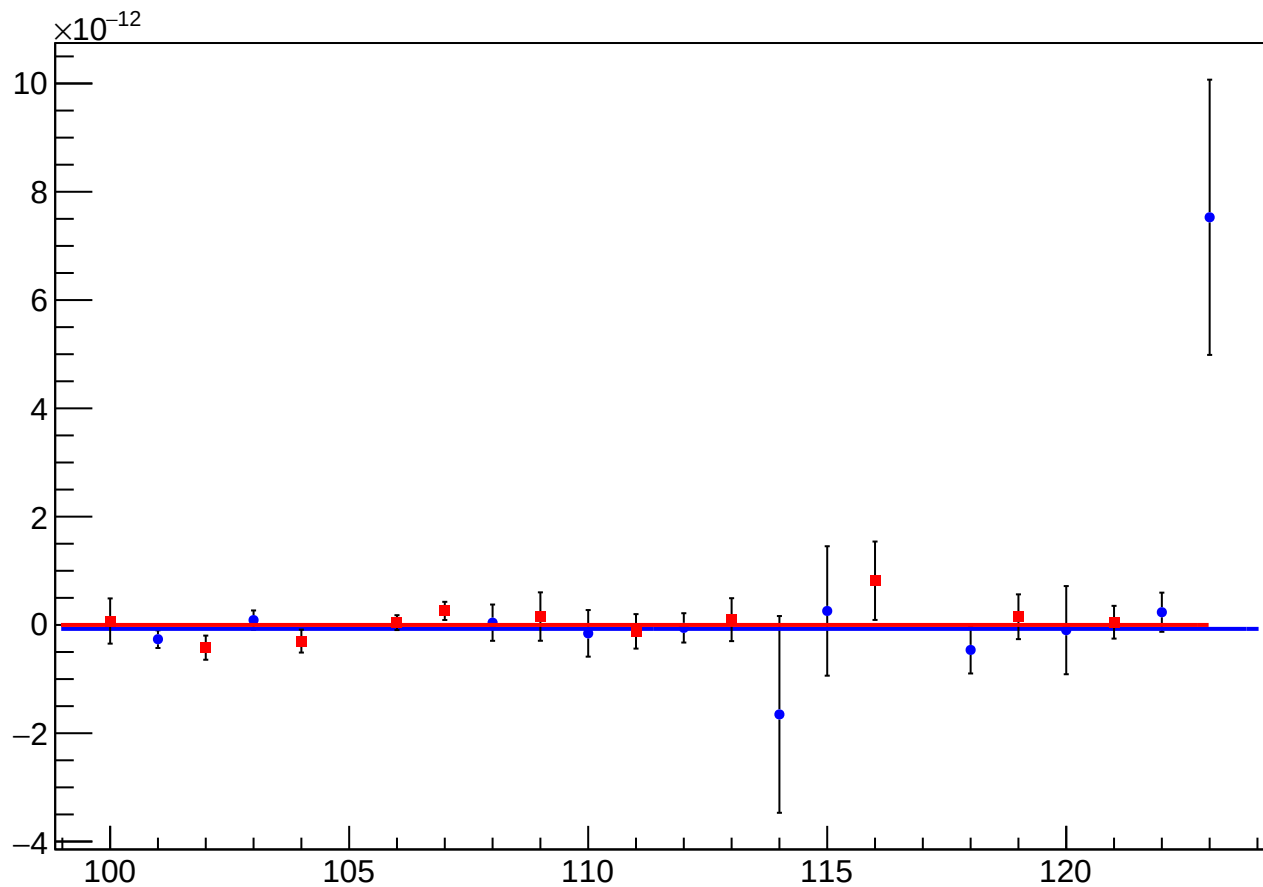
Right: 3440.826+/-0.845 χ^2/NDF : 593170.1/21

In: 3664.565+/-1.292 χ^2/NDF : 188861.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3440.826+/-0.845 χ^2/NDF : 593170.1/21

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/10

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

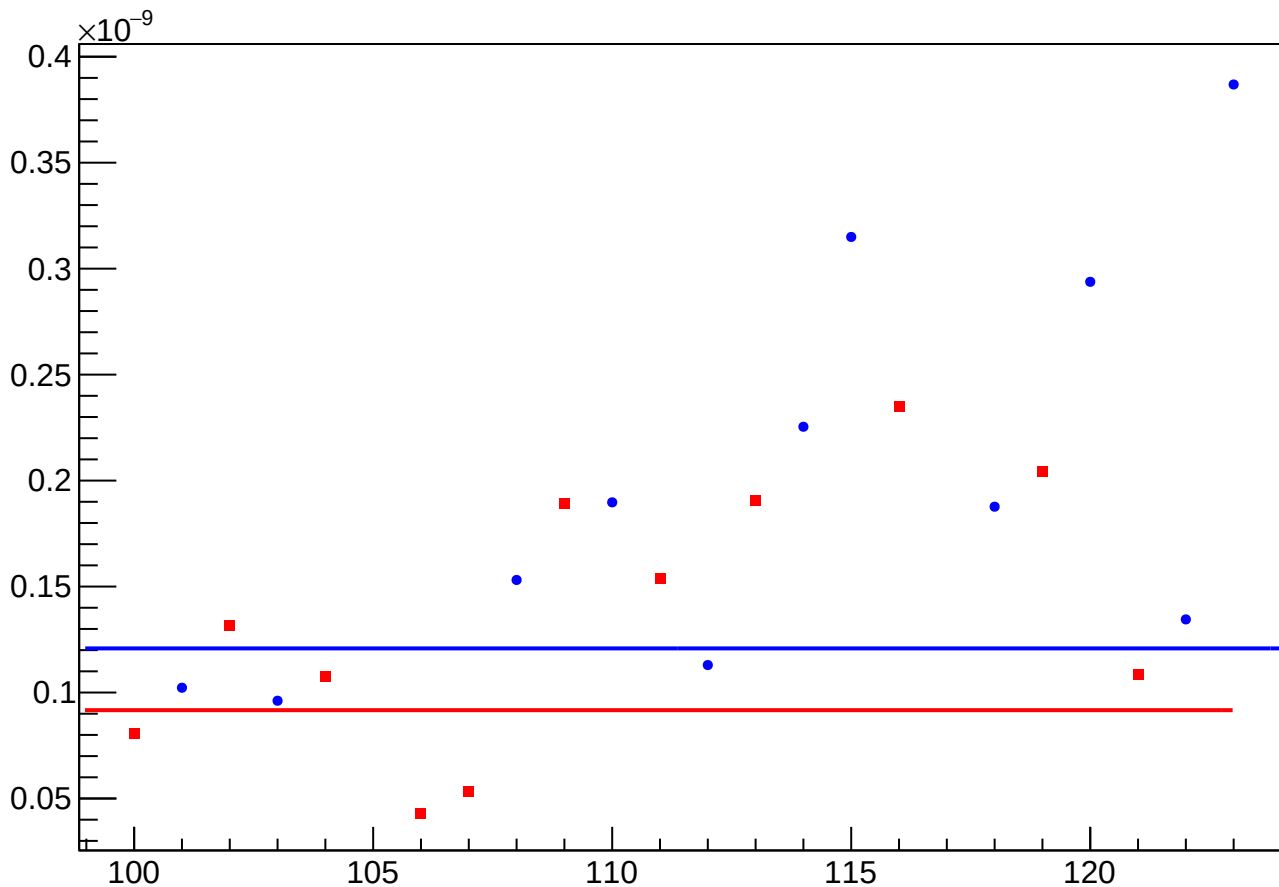
Right: -0.000+/-0.000 χ^2/NDF : 23.8/21

In: -0.000+/-0.000 χ^2/NDF : 13.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/21

asym_atl_dd_atr_dd_avg_reg_vs_slug_Sign_Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 357841.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 961039.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

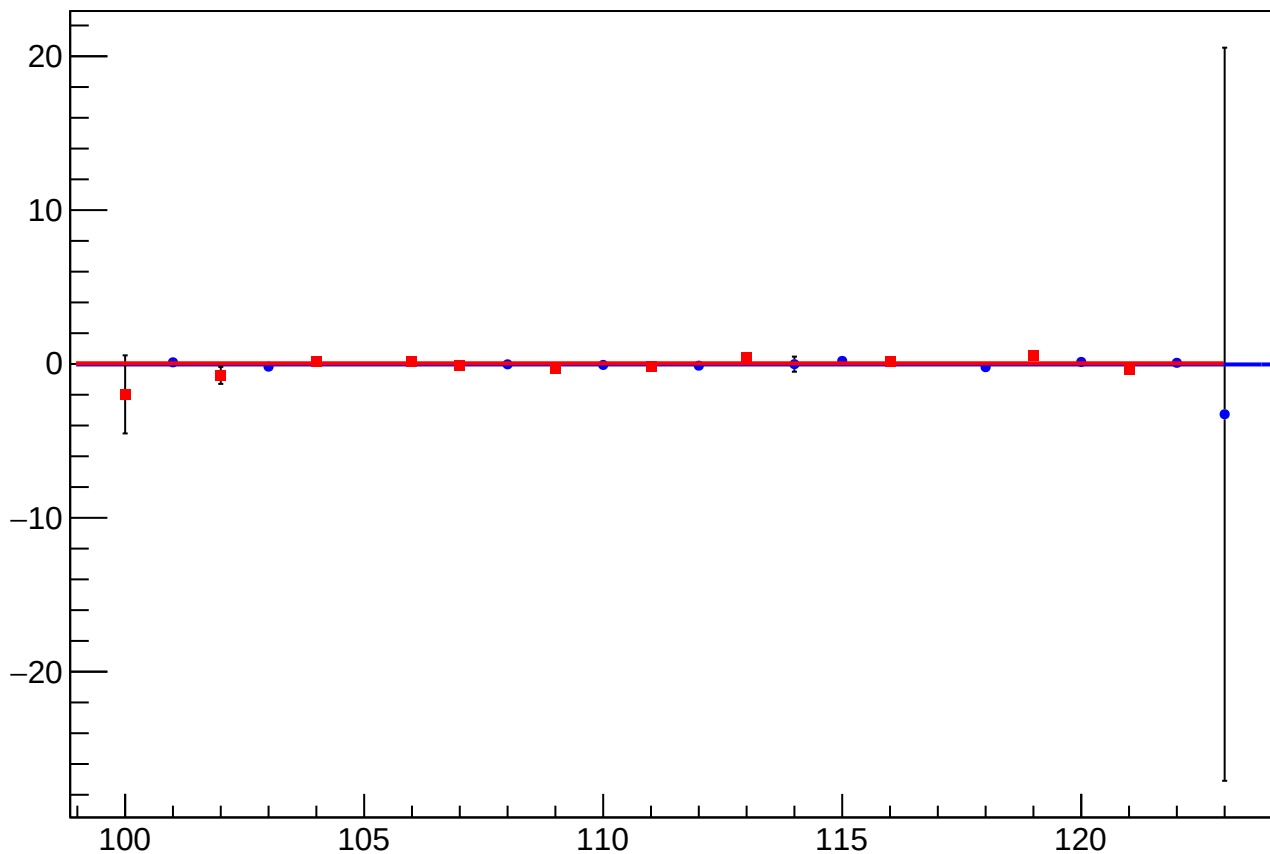
Right: 0.000+/-0.000 χ^2/NDF : 1435855.4/21

In: 0.000+/-0.000 χ^2/NDF : 357841.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1435855.4/21

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

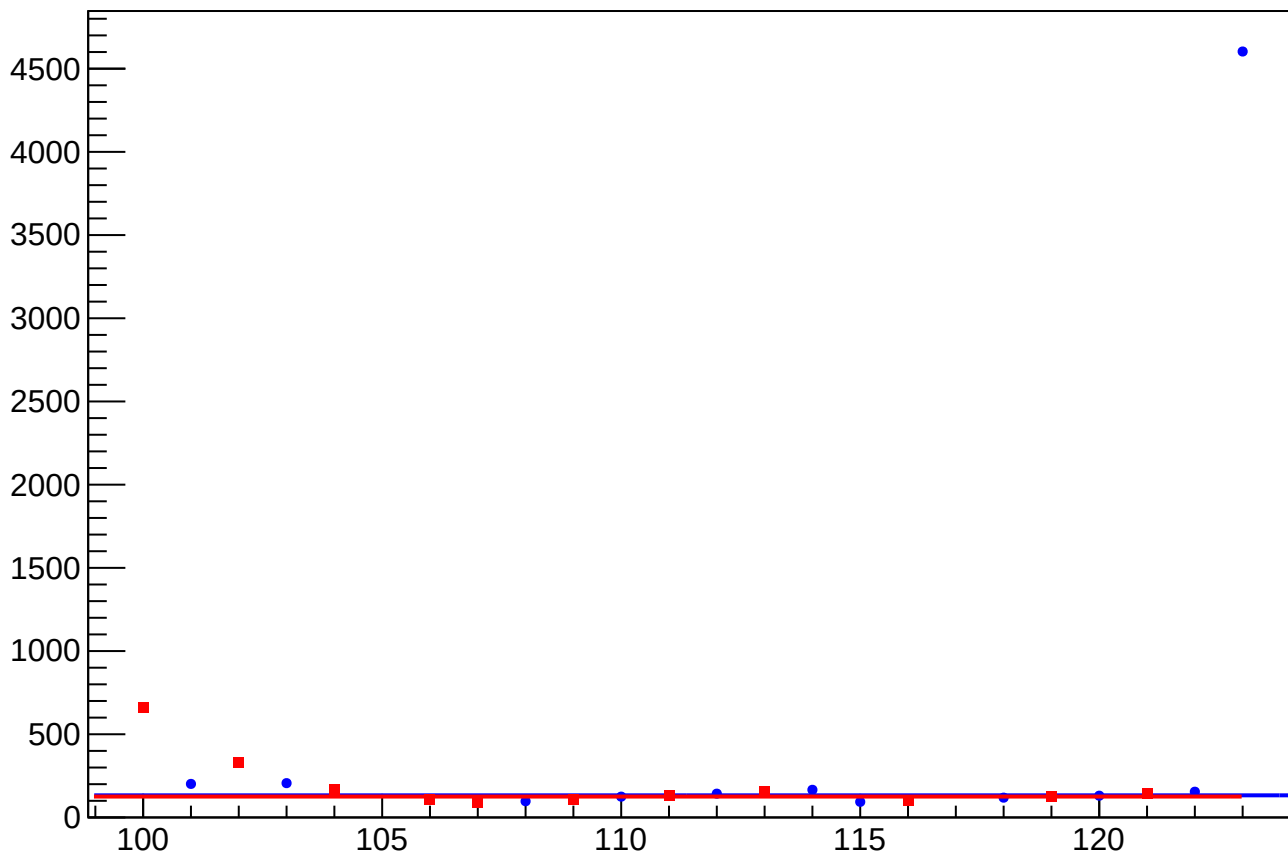
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.588+/-0.046 χ^2/NDF : 610681.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

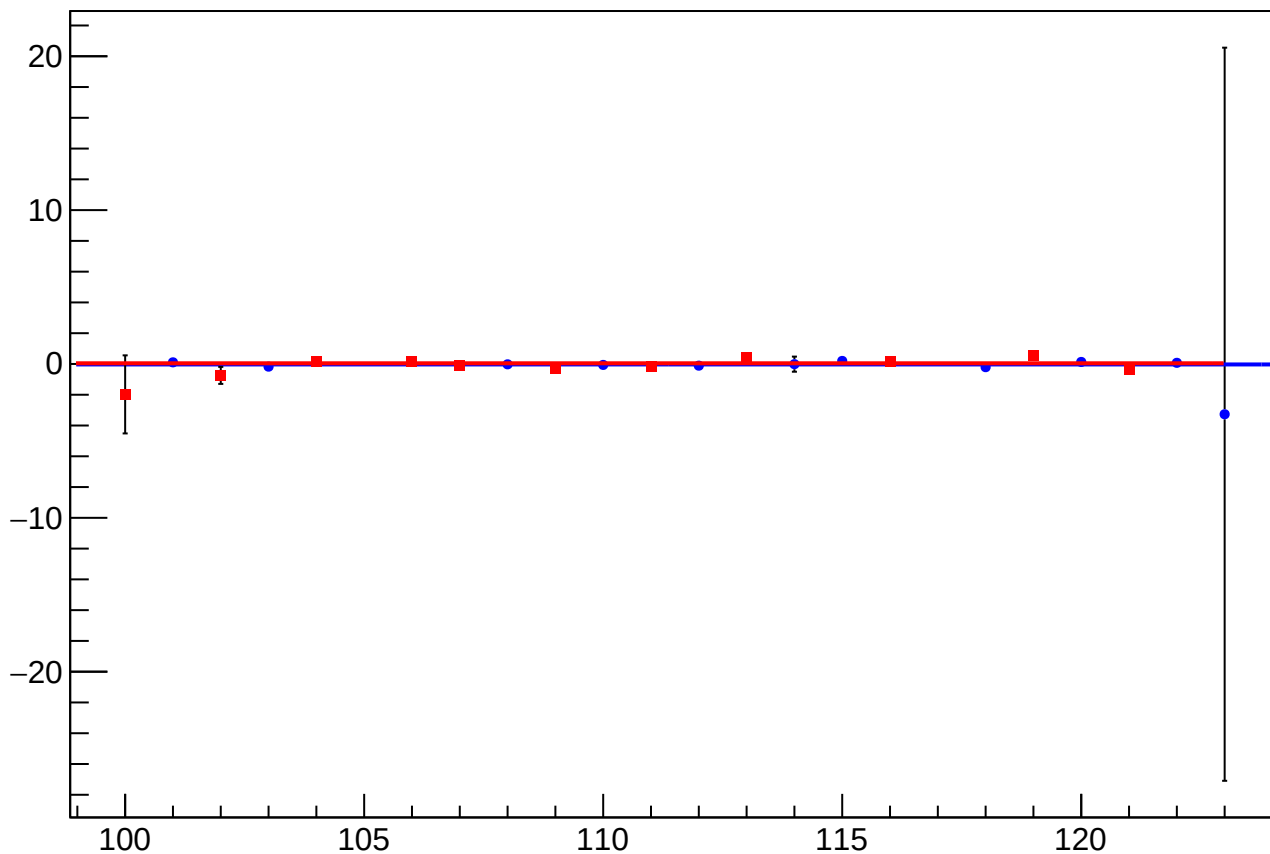
Right: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

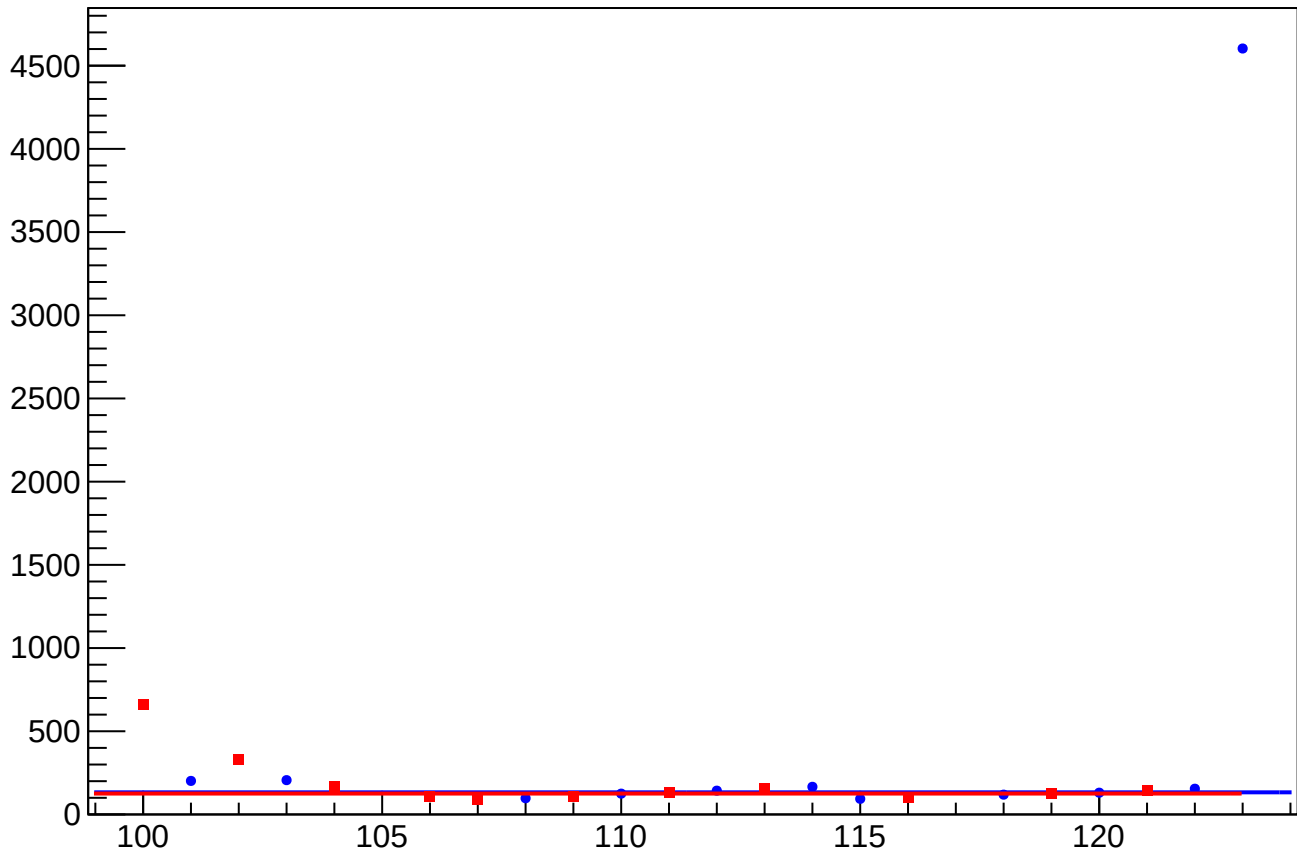
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.588+/-0.046 χ^2/NDF : 610681.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

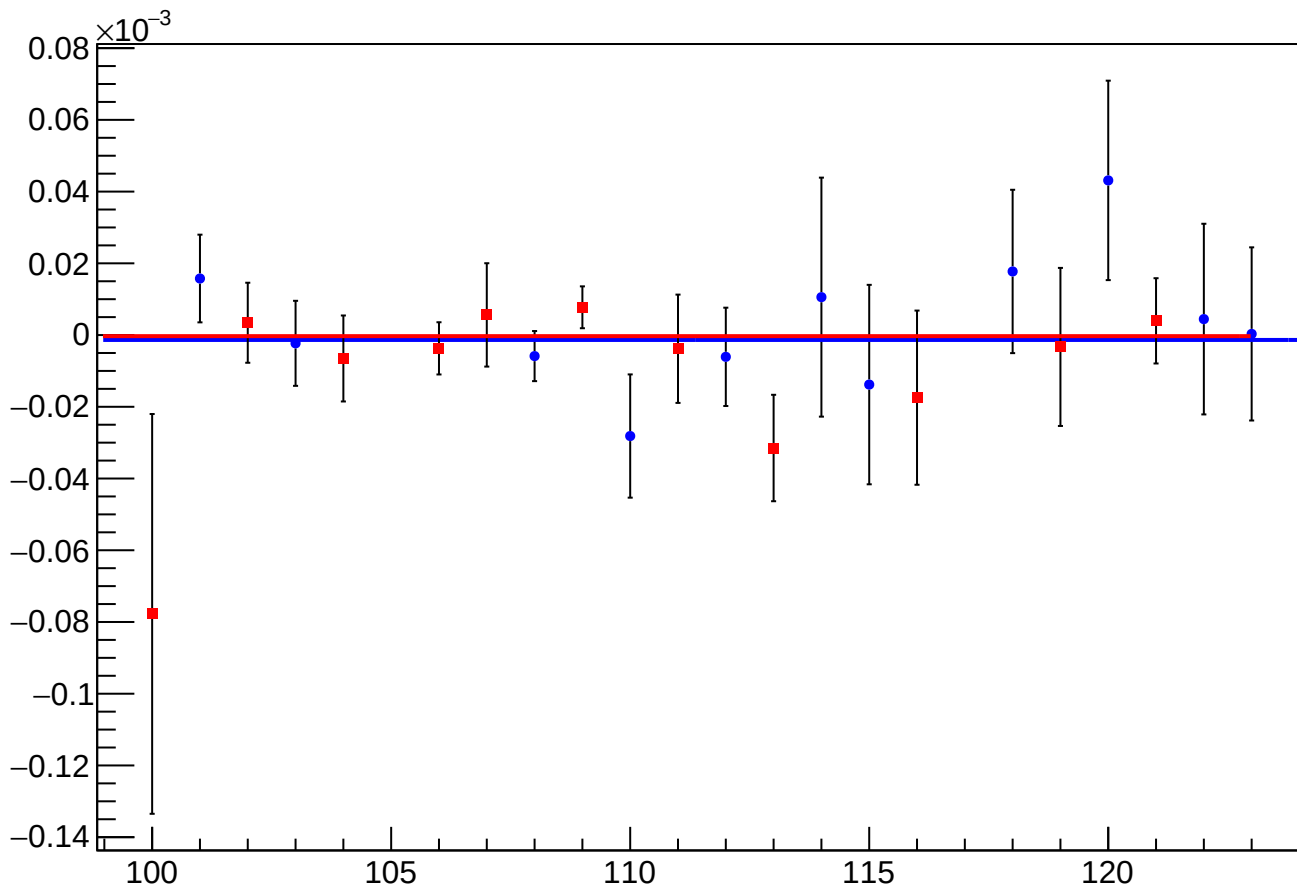
Right: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

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 : 8.6/10

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

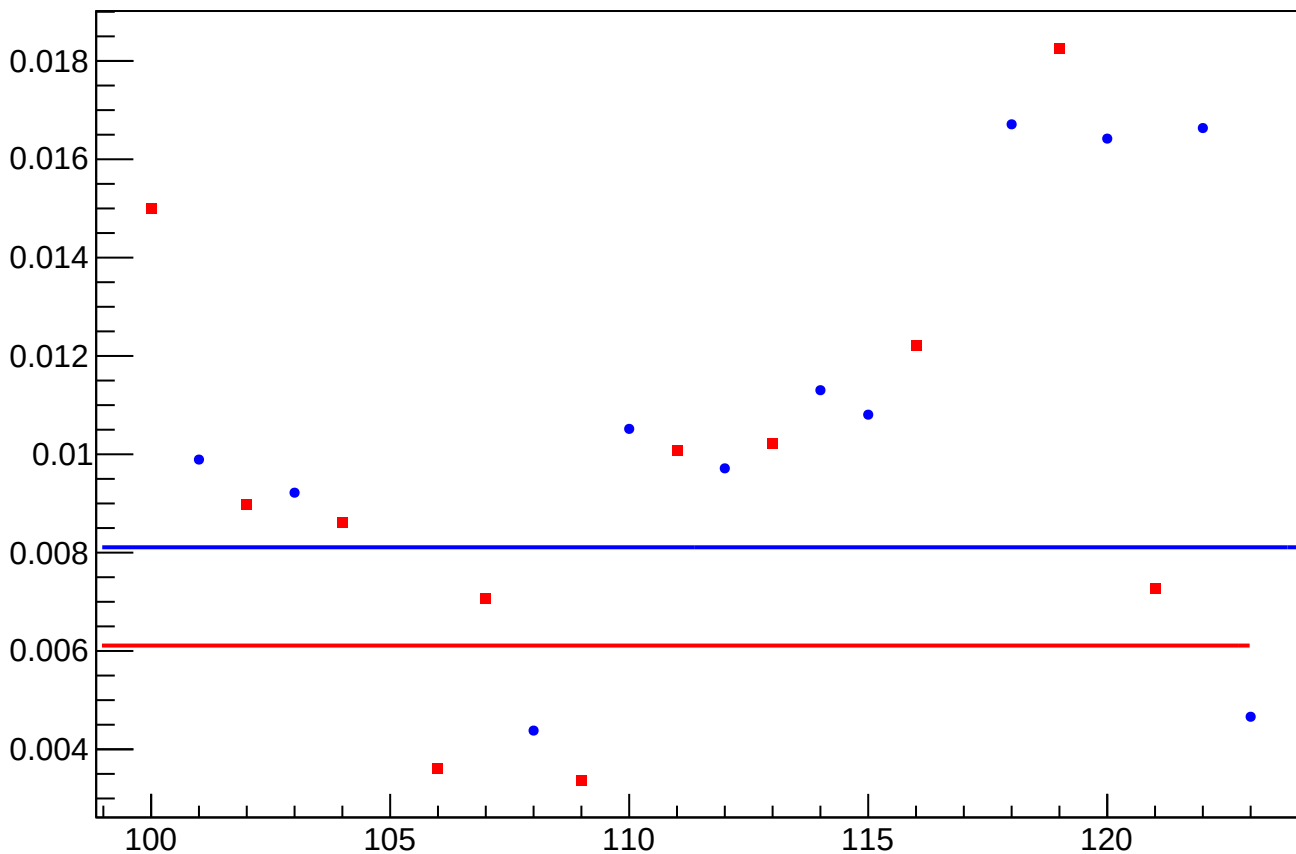
Right: -0.000+/-0.000 χ^2/NDF : 18.3/21

In: -0.000+/-0.000 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/21

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 : 1444524.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2001288.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

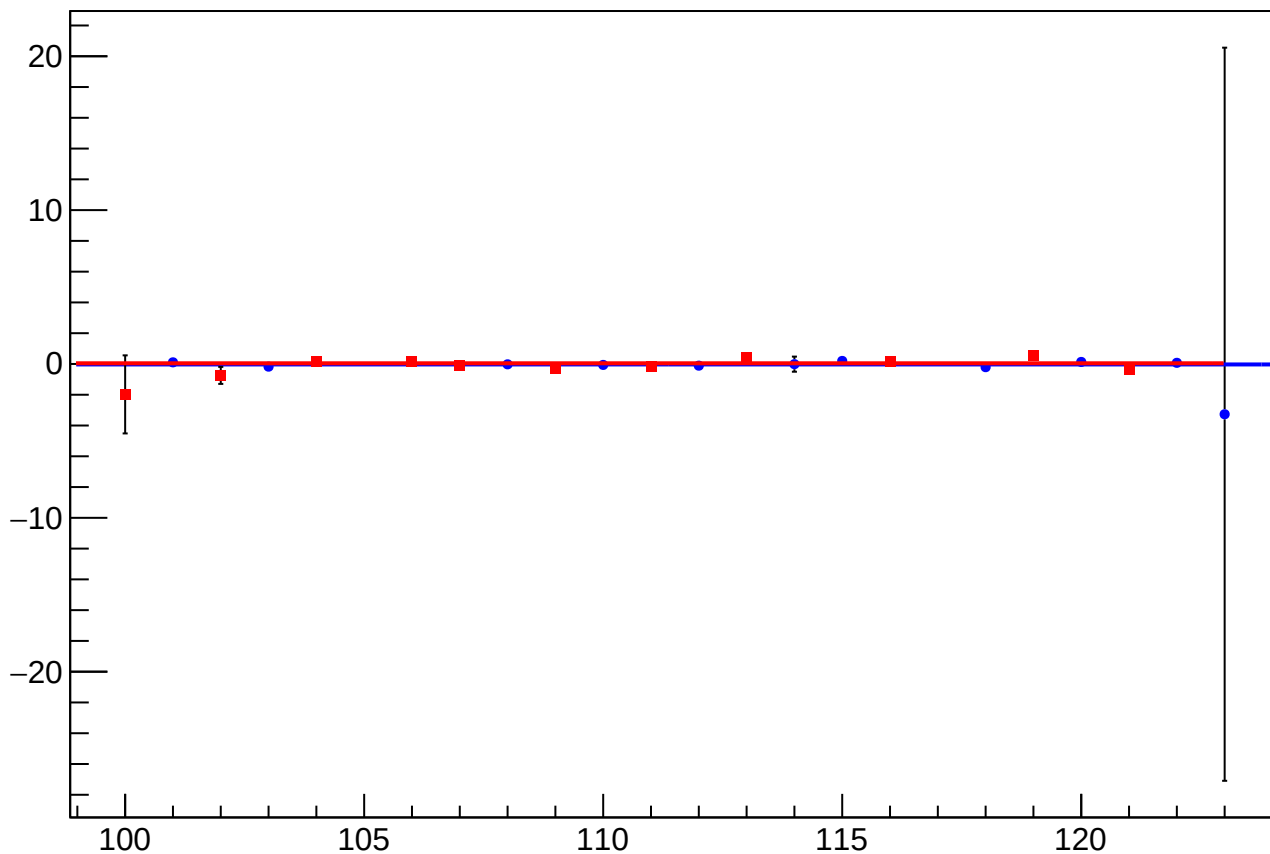
Right: 0.007+/-0.000 χ^2/NDF : 3705671.5/21

In: 0.008+/-0.000 χ^2/NDF :1444524.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3705671.5/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

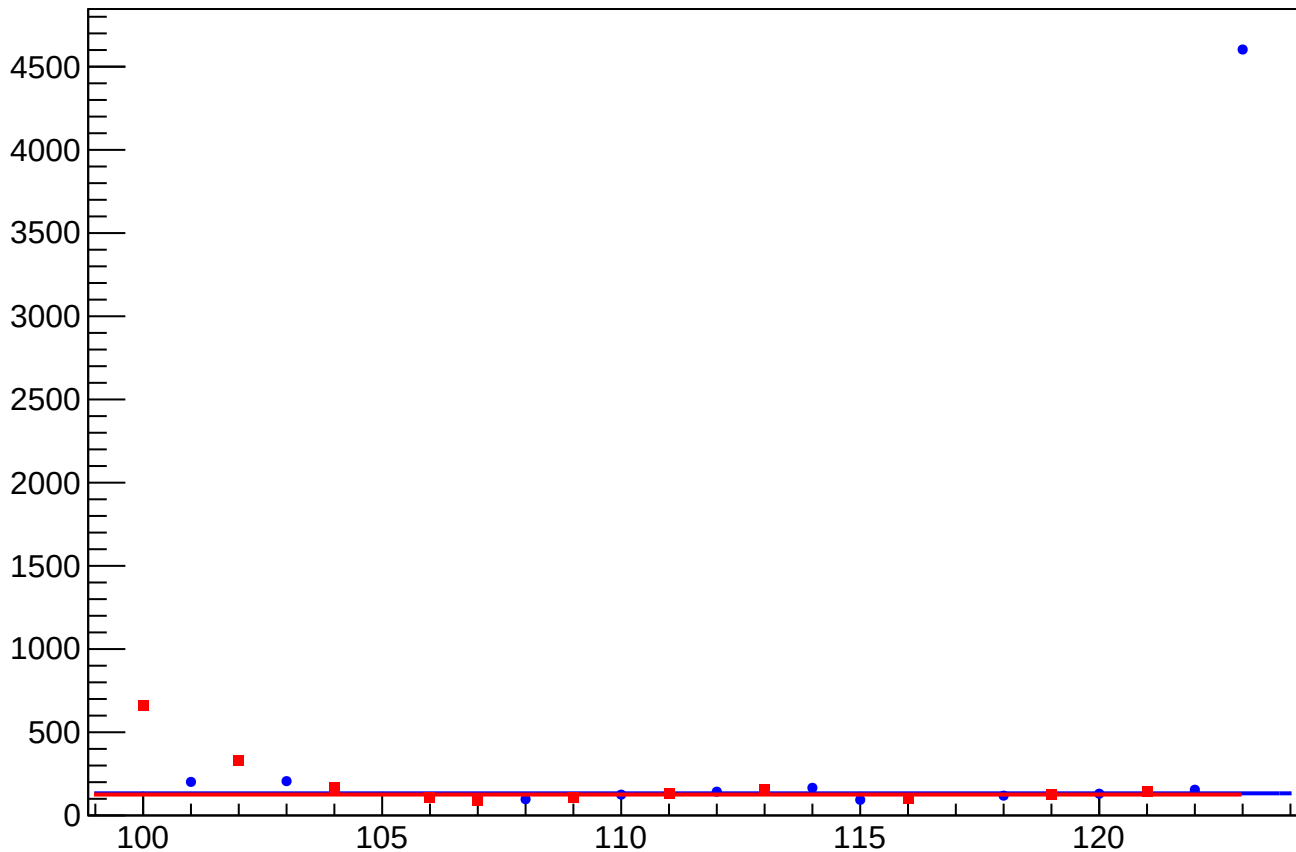
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.962+/-0.049 χ^2/NDF : 553185.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.590+/-0.046 χ^2/NDF : 610629.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

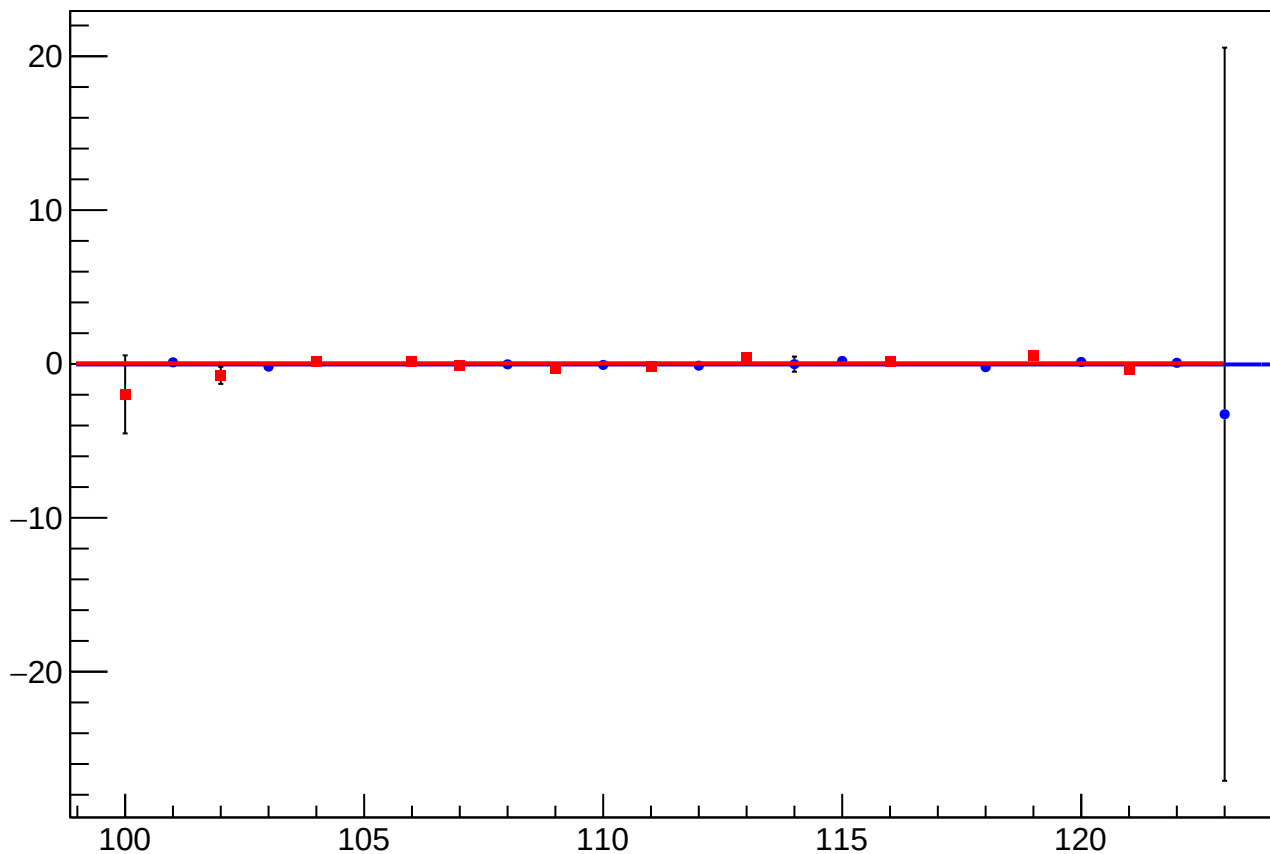
Right: 129.026+/-0.033 χ^2/NDF : 1175994.4/21

In: 132.962+/-0.049 χ^2/NDF : 553185.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.026+/-0.033 χ^2/NDF : 1175994.4/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

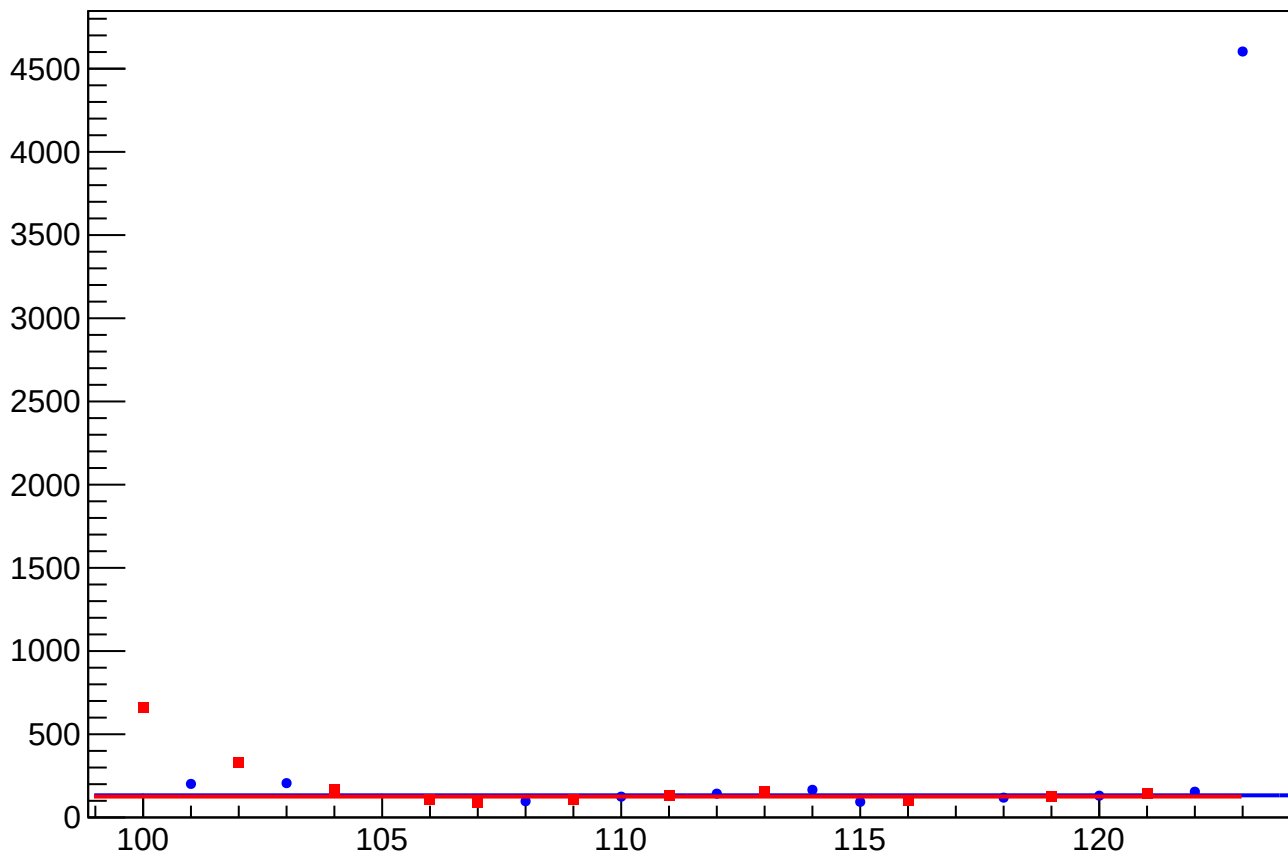
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF :3.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.962 $\pm$ 0.049 χ^2 /NDF: 553185.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.590 $\pm$ 0.046 χ^2 /NDF: 610629.9/10

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

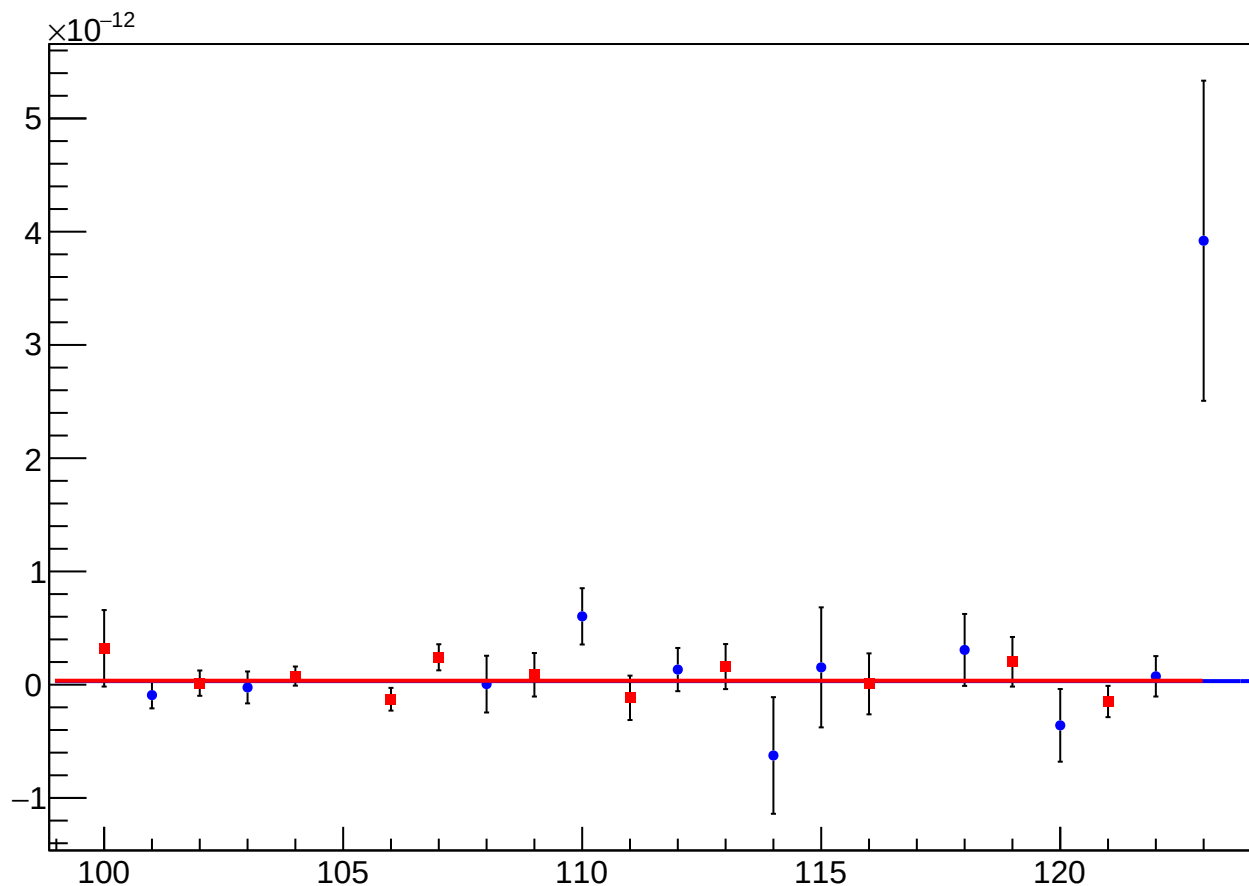
Right: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

In: 132.962 $\pm$ 0.049 χ^2 /NDF:553185.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

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 : 18.4/10

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

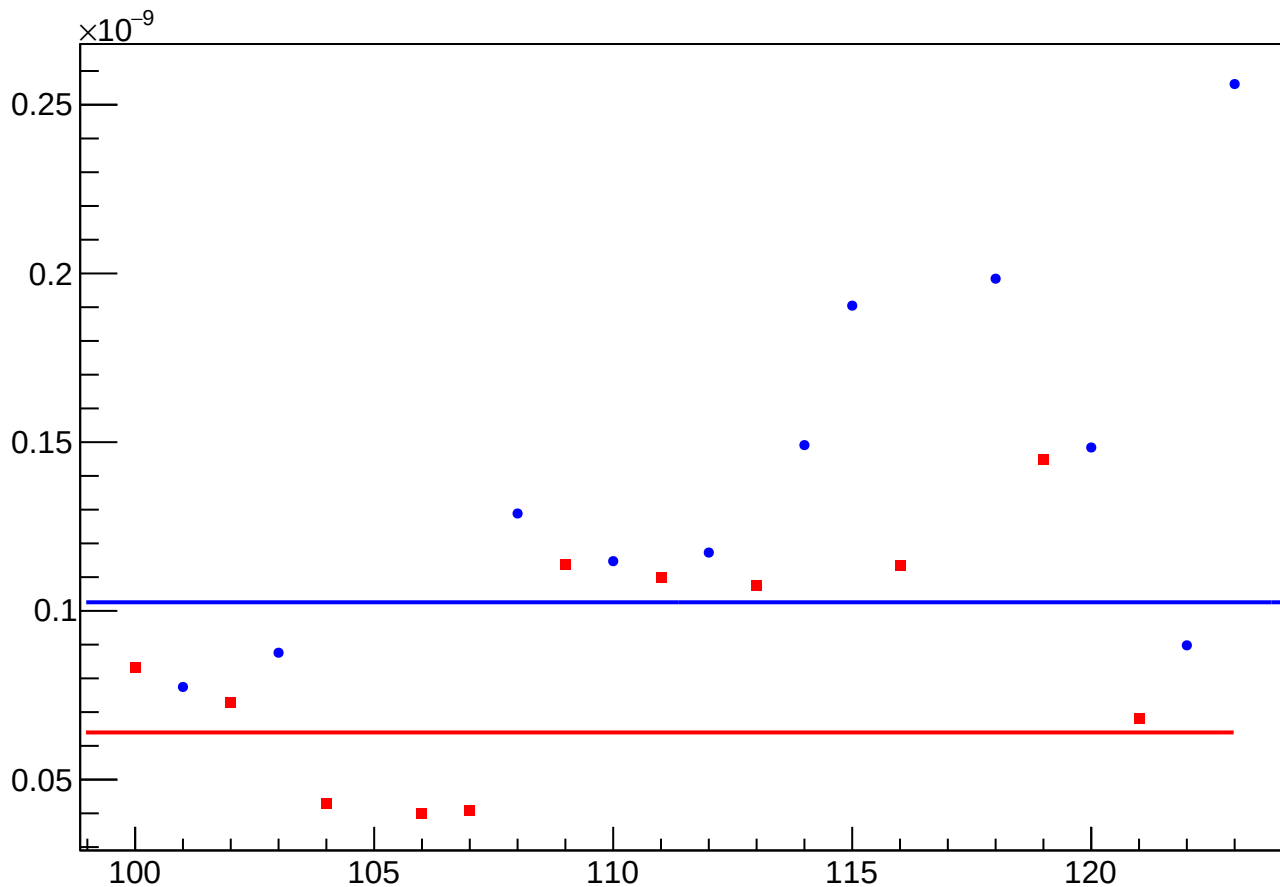
Right: 0.000+/-0.000 χ^2/NDF : 28.7/21

In: 0.000+/-0.000 χ^2/NDF : 18.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/21

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 : 481496.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1024585.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

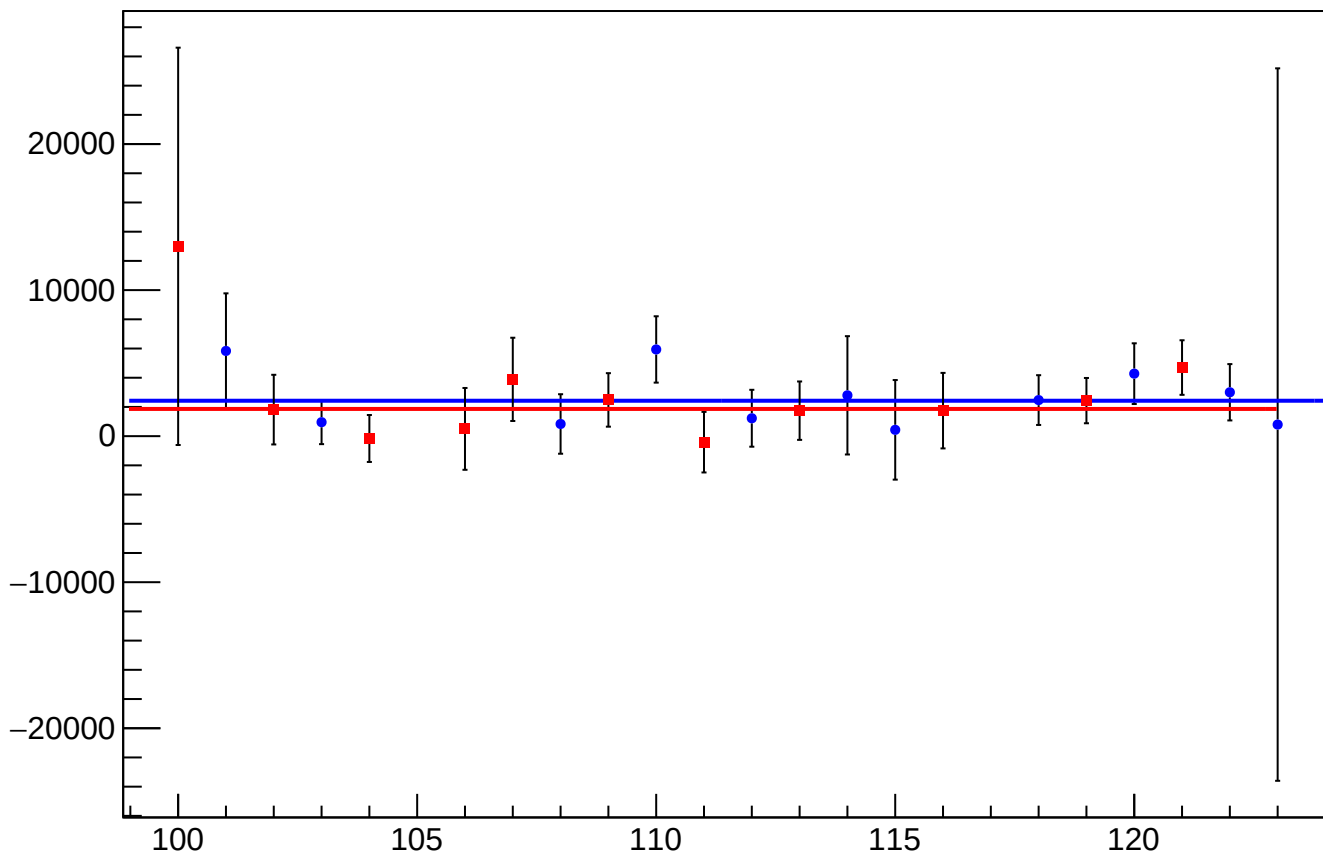
Right: 0.000+/-0.000 χ^2/NDF : 2011118.4/21

In: 0.000+/-0.000 χ^2/NDF : 481496.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2011118.4/21

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2425.097+/-674.464 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.674+/-638.671 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

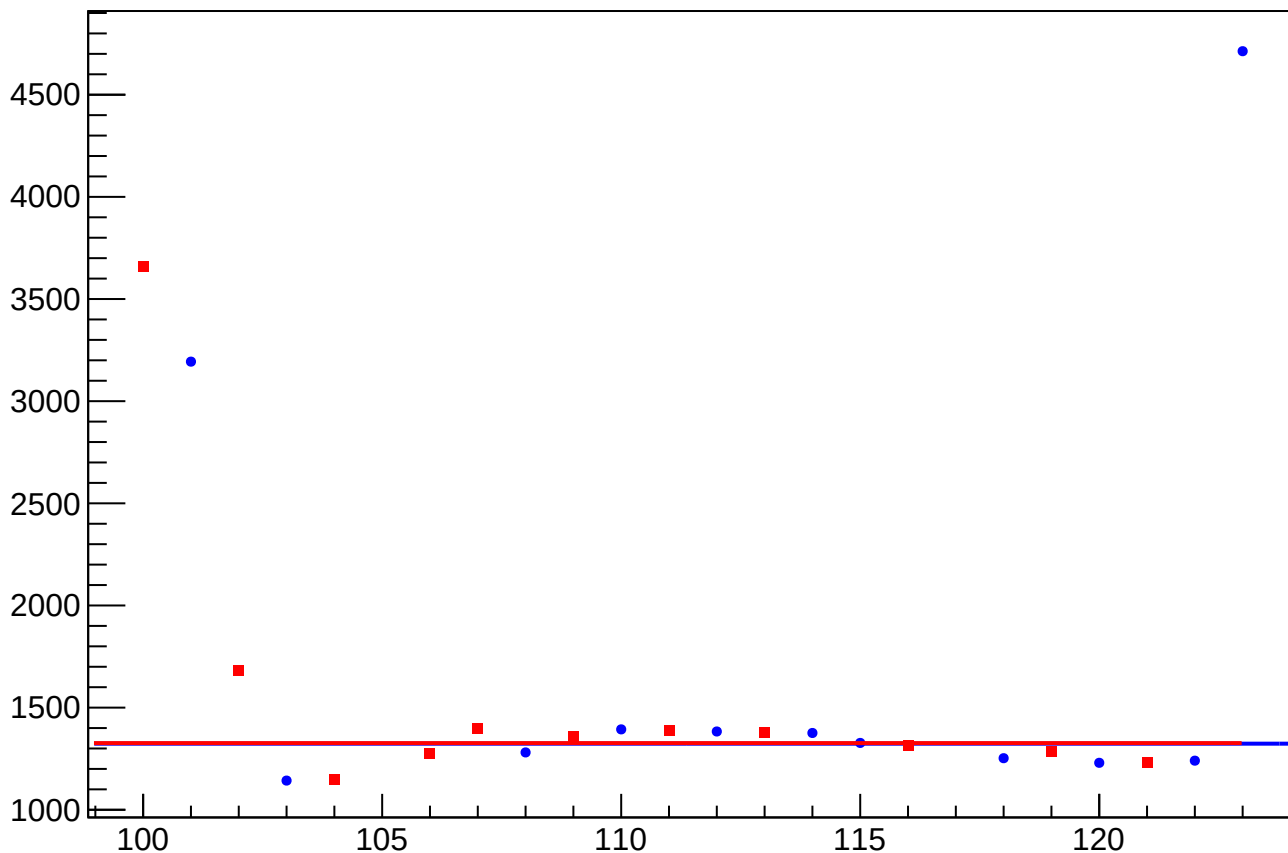
Right: 2129.094+/-463.746 χ^2/NDF : 13.4/21

In: 2425.097+/-674.464 χ^2/NDF : 6.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.094+/-463.746 χ^2/NDF : 13.4/21

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1323.577+/-0.477 χ^2/NDF : 533477.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.327+/-0.450 χ^2/NDF : 139154.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

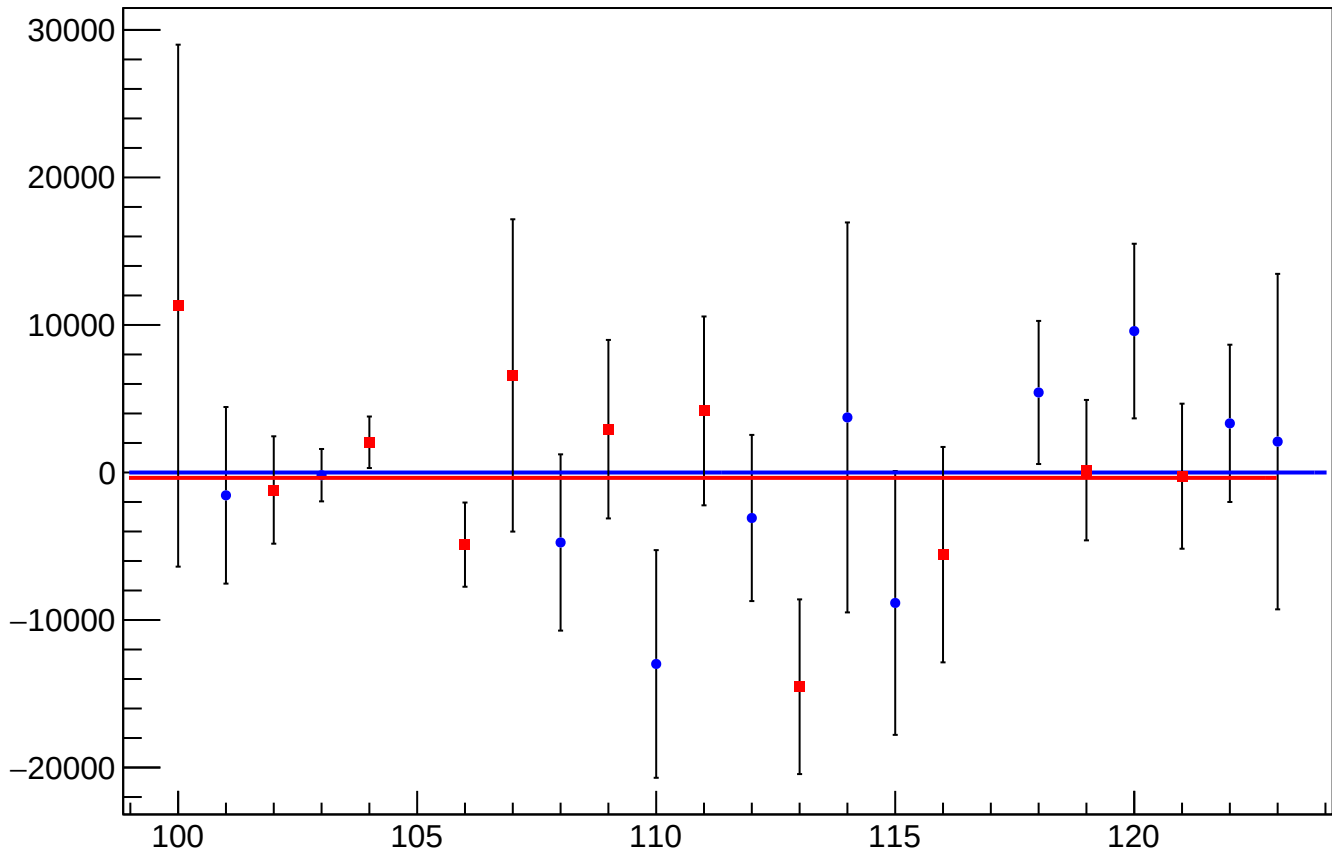
Right: 1325.033+/-0.327 χ^2/NDF : 672650.0/21

In: 1323.577+/-0.477 χ^2/NDF : 533477.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.033+/-0.327 χ^2/NDF : 672650.0/21

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1.727 ± 1343.878 χ^2/NDF : 9.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -364.608 ± 1176.208 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

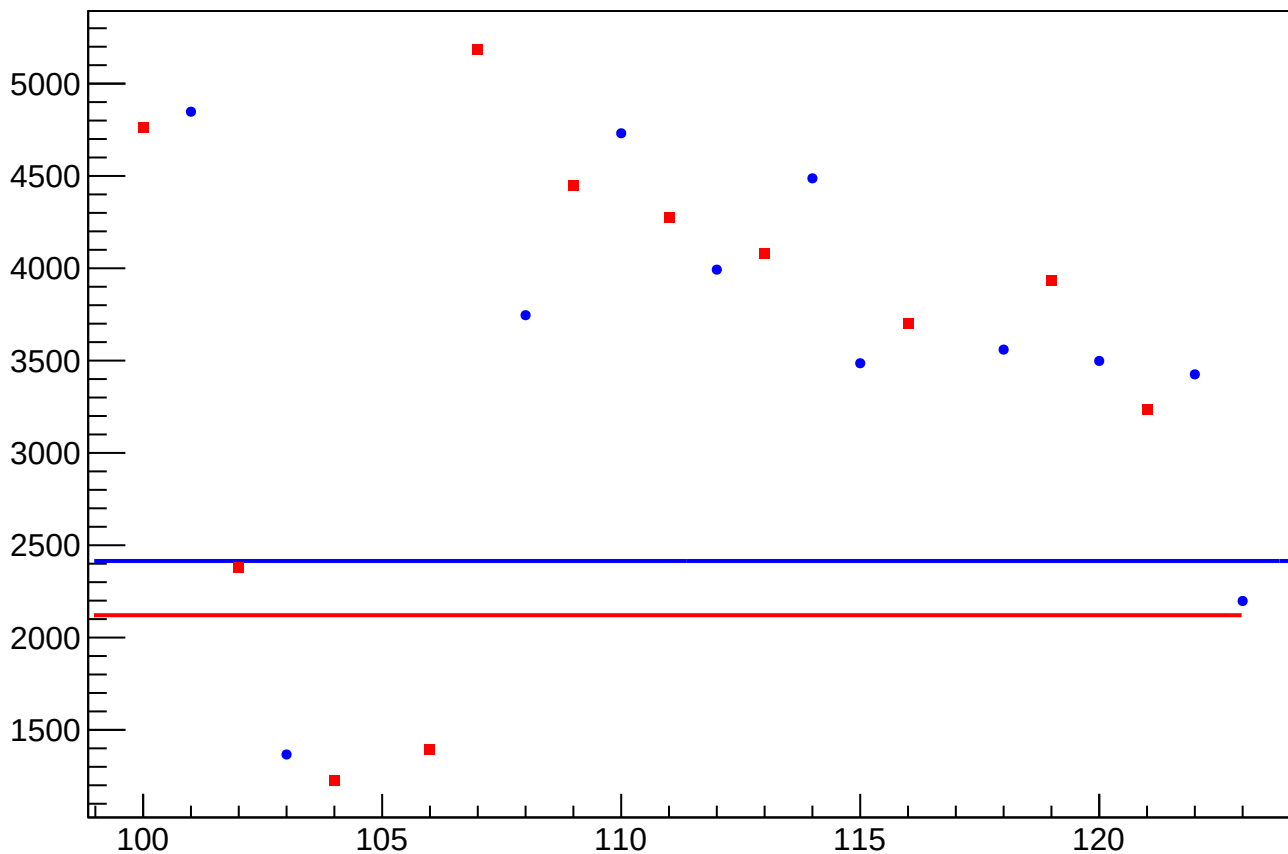
Right: -207.205 ± 885.084 χ^2/NDF : 21.6/21

In: -1.727 ± 1343.878 χ^2/NDF : 9.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -207.205 ± 885.084 χ^2/NDF : 21.6/21

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2414.842 $\pm$ 0.950 χ^2 /NDF: 1792750.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2121.065 $\pm$ 0.832 χ^2 /NDF: 2107171.4/10

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

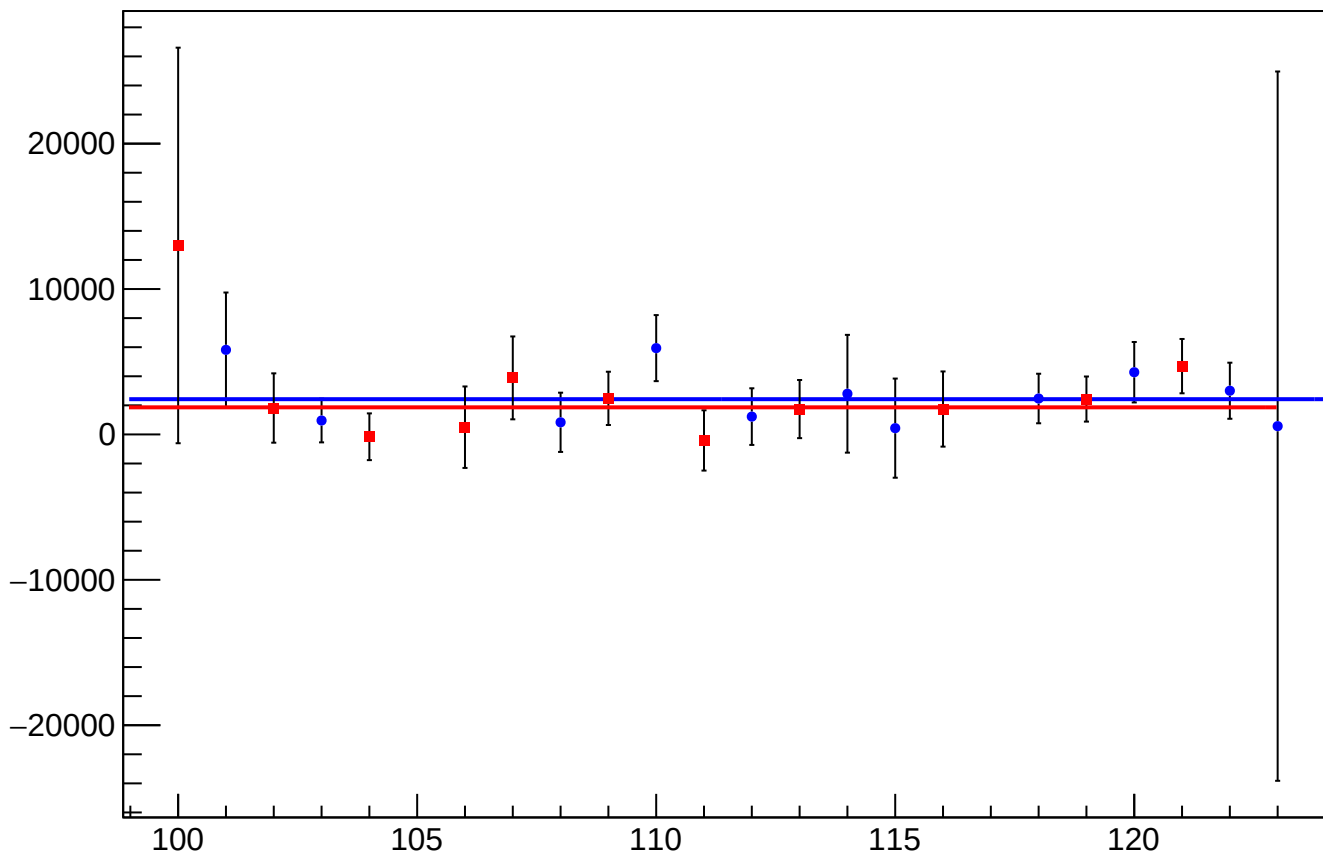
Right: 2248.493 $\pm$ 0.626 χ^2 /NDF: 3954040.6/21

In: 2414.842 $\pm$ 0.950 χ^2 /NDF:1792750.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2248.493 $\pm$ 0.626 χ^2 /NDF: 3954040.6/21

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2424.545 $\pm$ 674.464 χ^2 /NDF: 6.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1863.412 $\pm$ 638.671 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

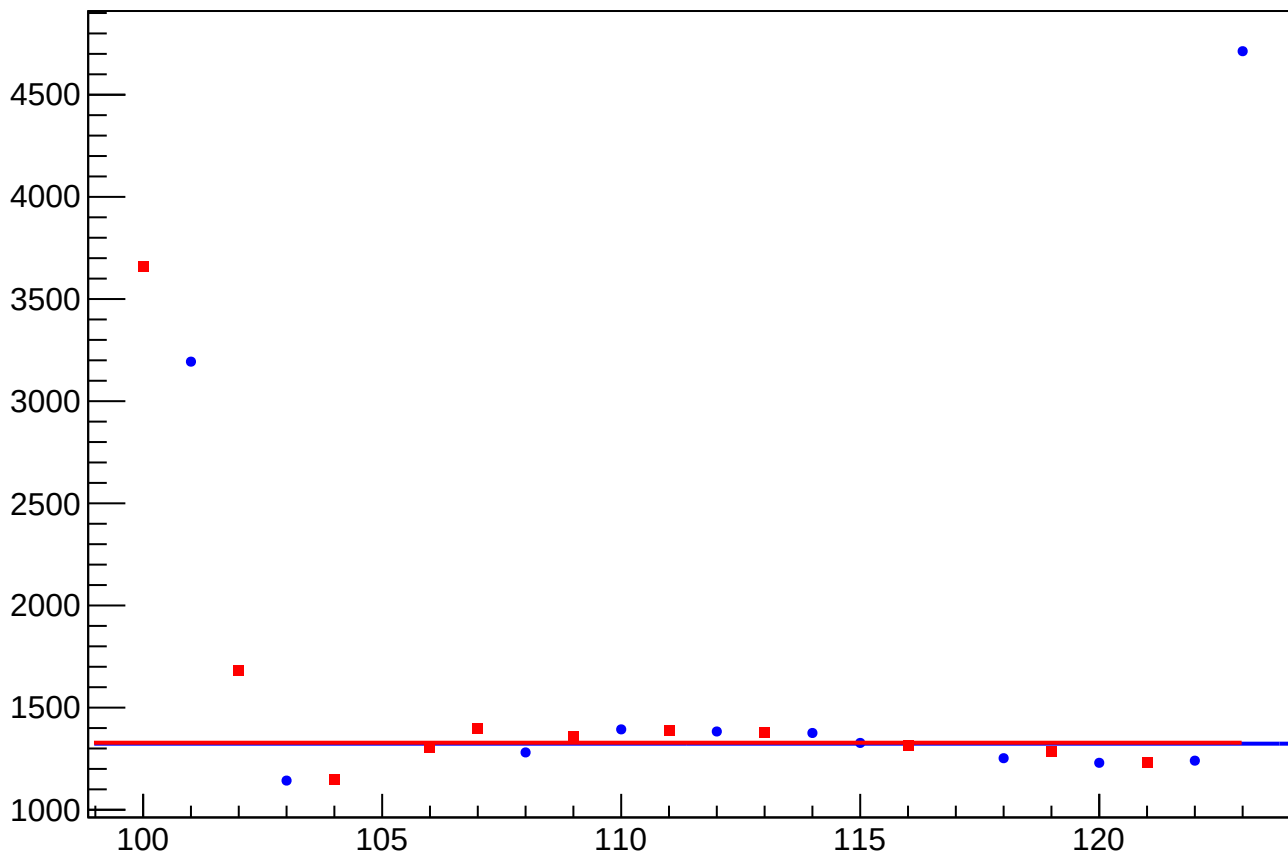
Right: 2128.694 $\pm$ 463.746 χ^2 /NDF: 13.4/21

In: 2424.545 $\pm$ 674.464 χ^2 /NDF:6.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2128.694 $\pm$ 463.746 χ^2 /NDF: 13.4/21

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1323.576+/-0.477 χ^2/NDF : 533479.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.231+/-0.450 χ^2/NDF : 138465.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

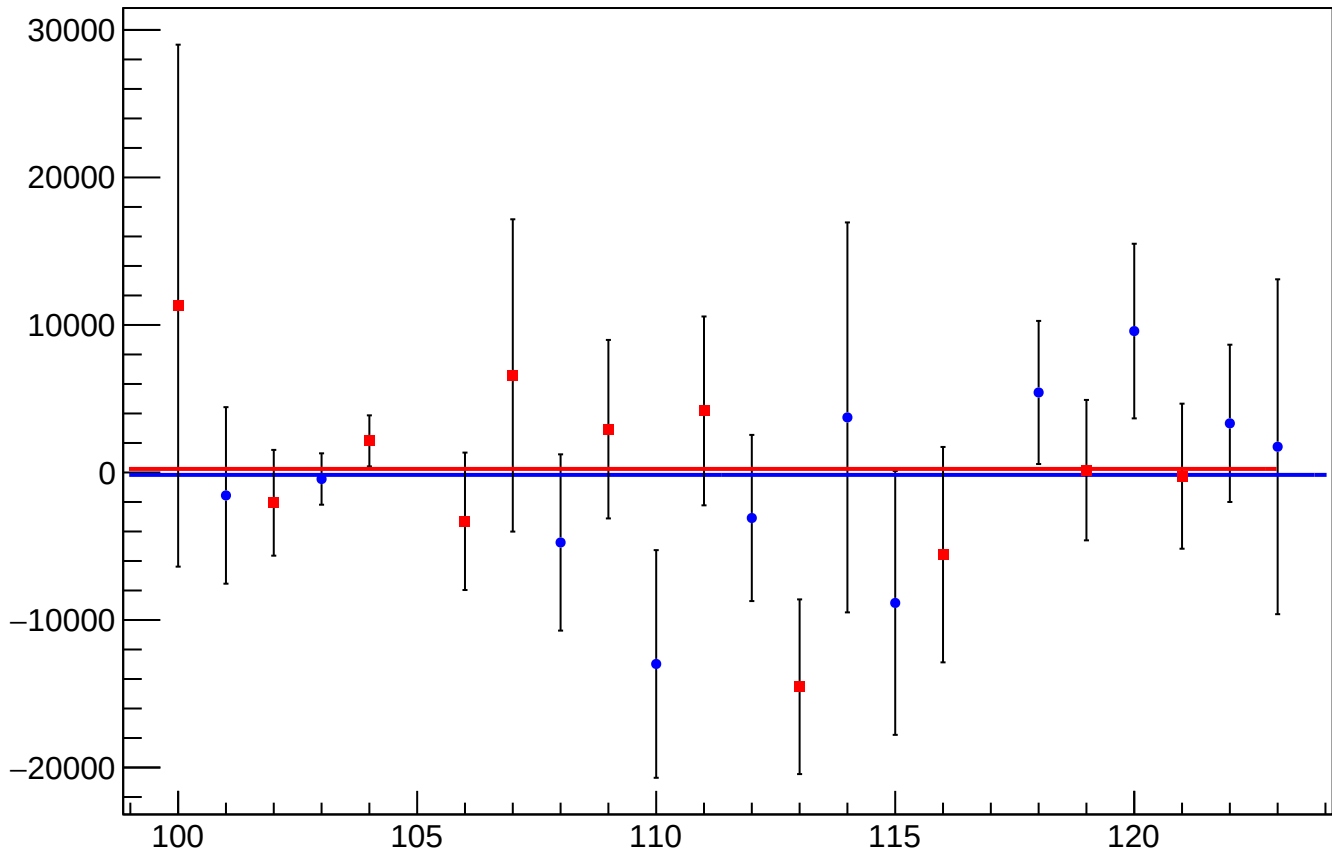
Right: 1326.038+/-0.327 χ^2/NDF : 671995.4/21

In: 1323.576+/-0.477 χ^2/NDF : 533479.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.038+/-0.327 χ^2/NDF : 671995.4/21

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.442 ± 1328.985 χ^2/NDF : 9.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 241.745 ± 1235.886 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

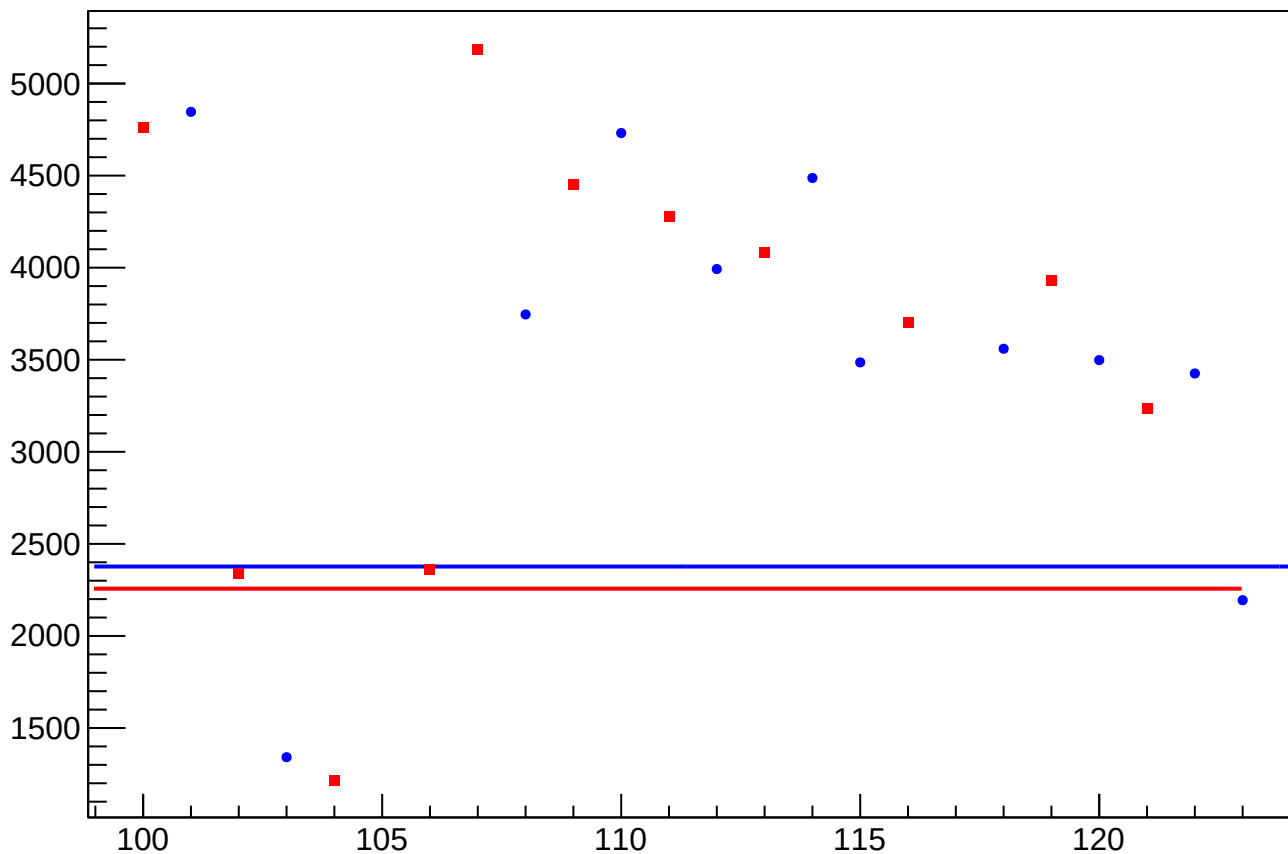
Right: 54.303 ± 905.028 χ^2/NDF : 19.7/21

In: -162.442 ± 1328.985 χ^2/NDF : 9.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 54.303 ± 905.028 χ^2/NDF : 19.7/21

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2377.048+/-0.940 χ^2/NDF : 1853566.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2256.811+/-0.874 χ^2/NDF : 1978461.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

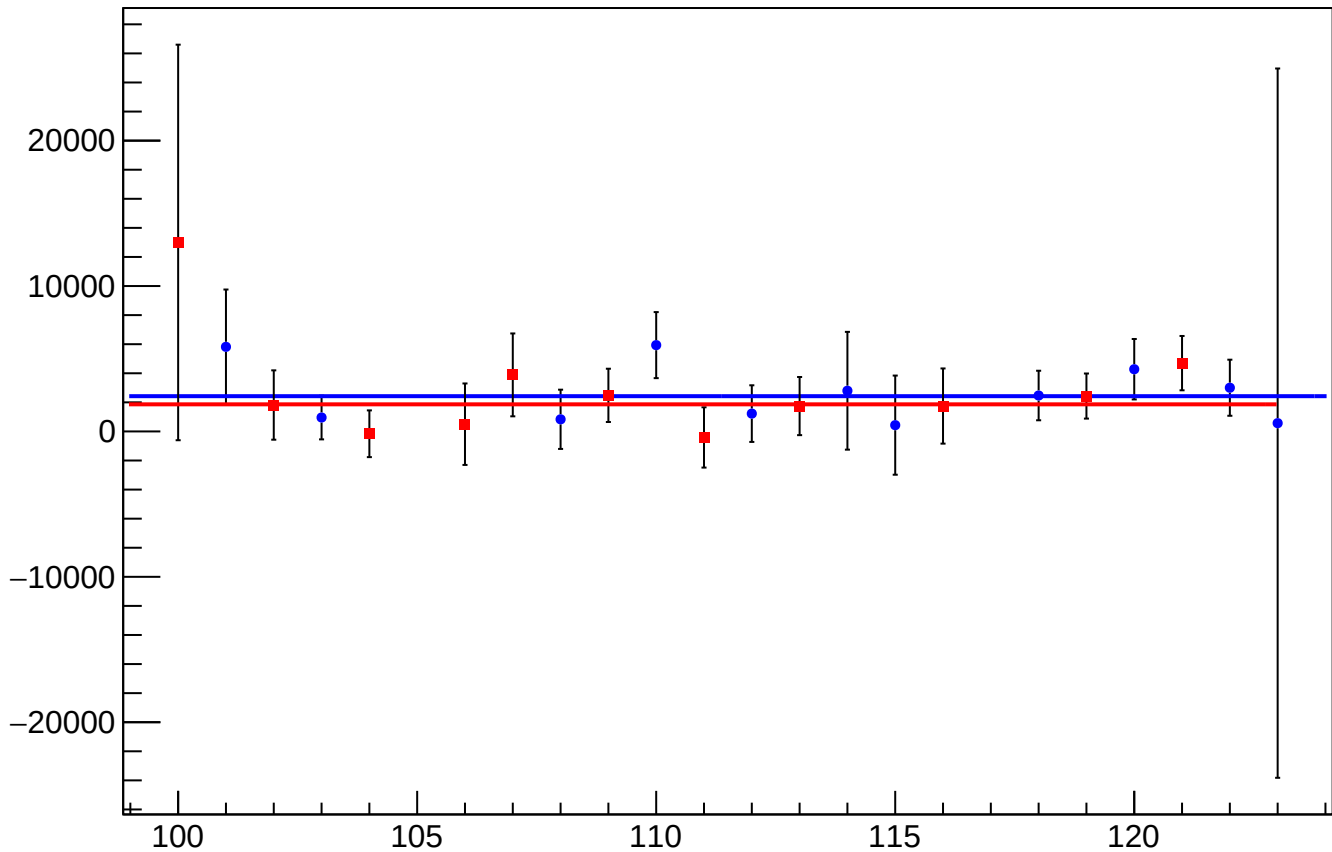
Right: 2312.571+/-0.640 χ^2/NDF : 3840806.9/21

In: 2377.048+/-0.940 χ^2/NDF : 1853566.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2312.571+/-0.640 χ^2/NDF : 3840806.9/21

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2424.545+/-674.464 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.412+/-638.671 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

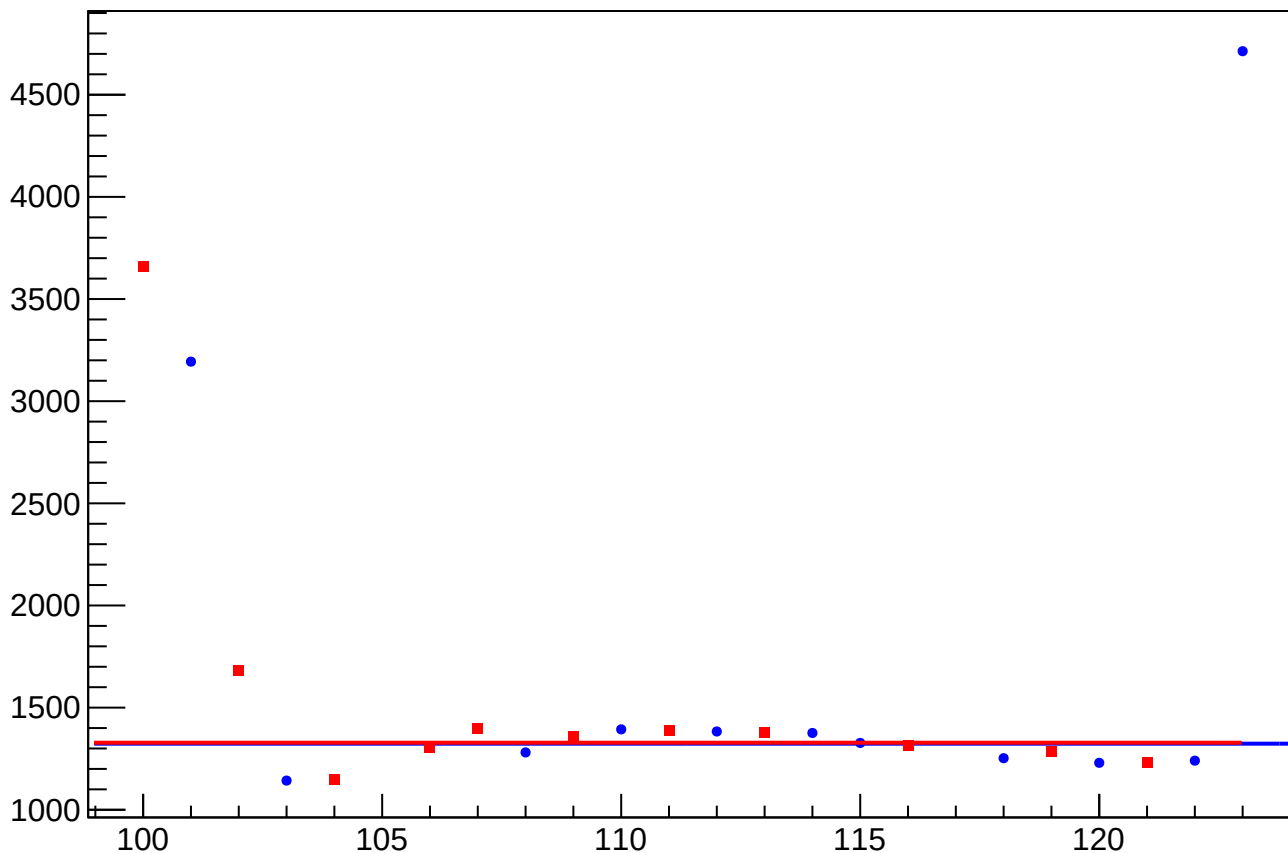
Right: 2128.694+/-463.746 χ^2/NDF : 13.4/21

In: 2424.545+/-674.464 χ^2/NDF : 6.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.694+/-463.746 χ^2/NDF : 13.4/21

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1323.576+/-0.477 χ^2/NDF : 533479.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.231+/-0.450 χ^2/NDF : 138465.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

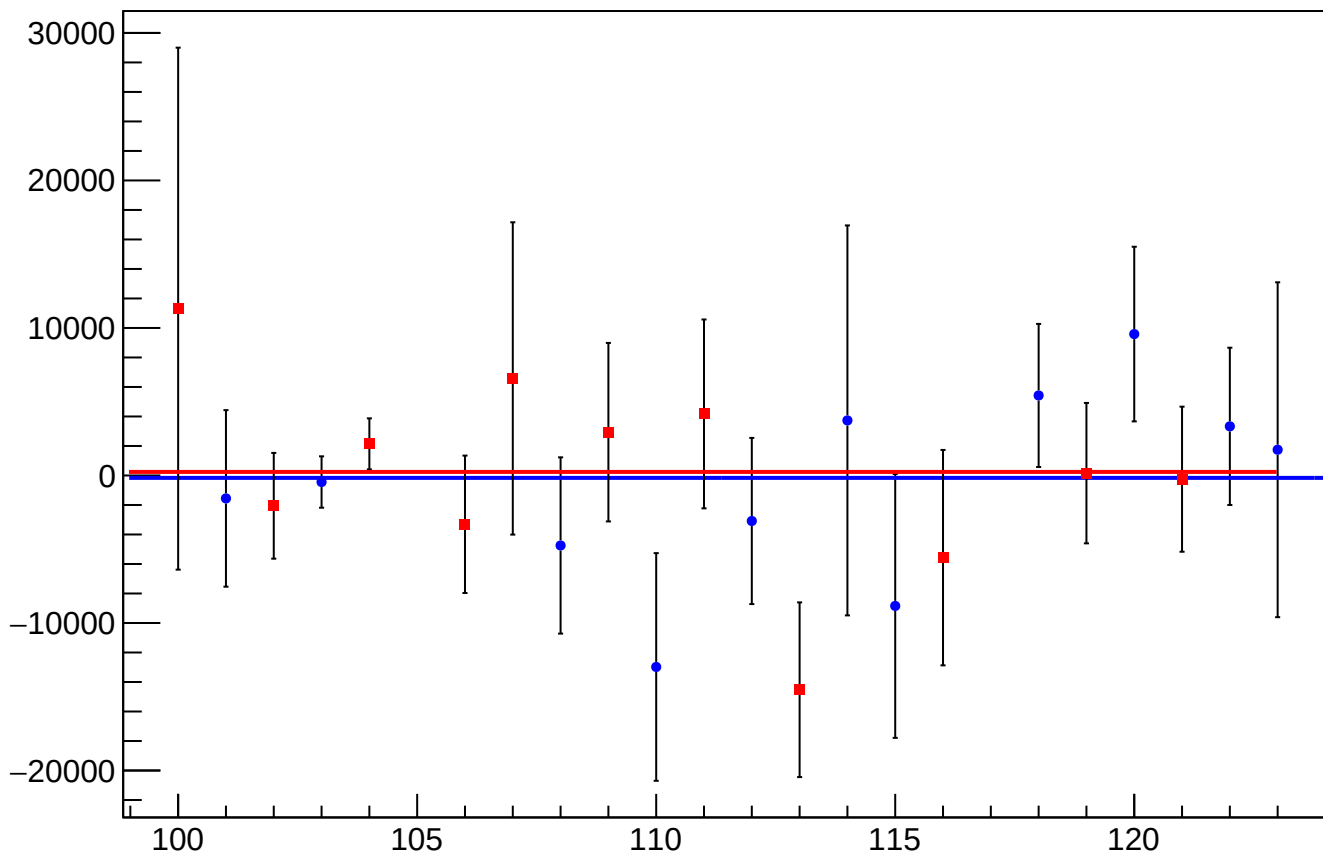
Right: 1326.038+/-0.327 χ^2/NDF : 671995.4/21

In: 1323.576+/-0.477 χ^2/NDF : 533479.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.038+/-0.327 χ^2/NDF : 671995.4/21

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.442+/-1328.985 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.745+/-1235.886 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

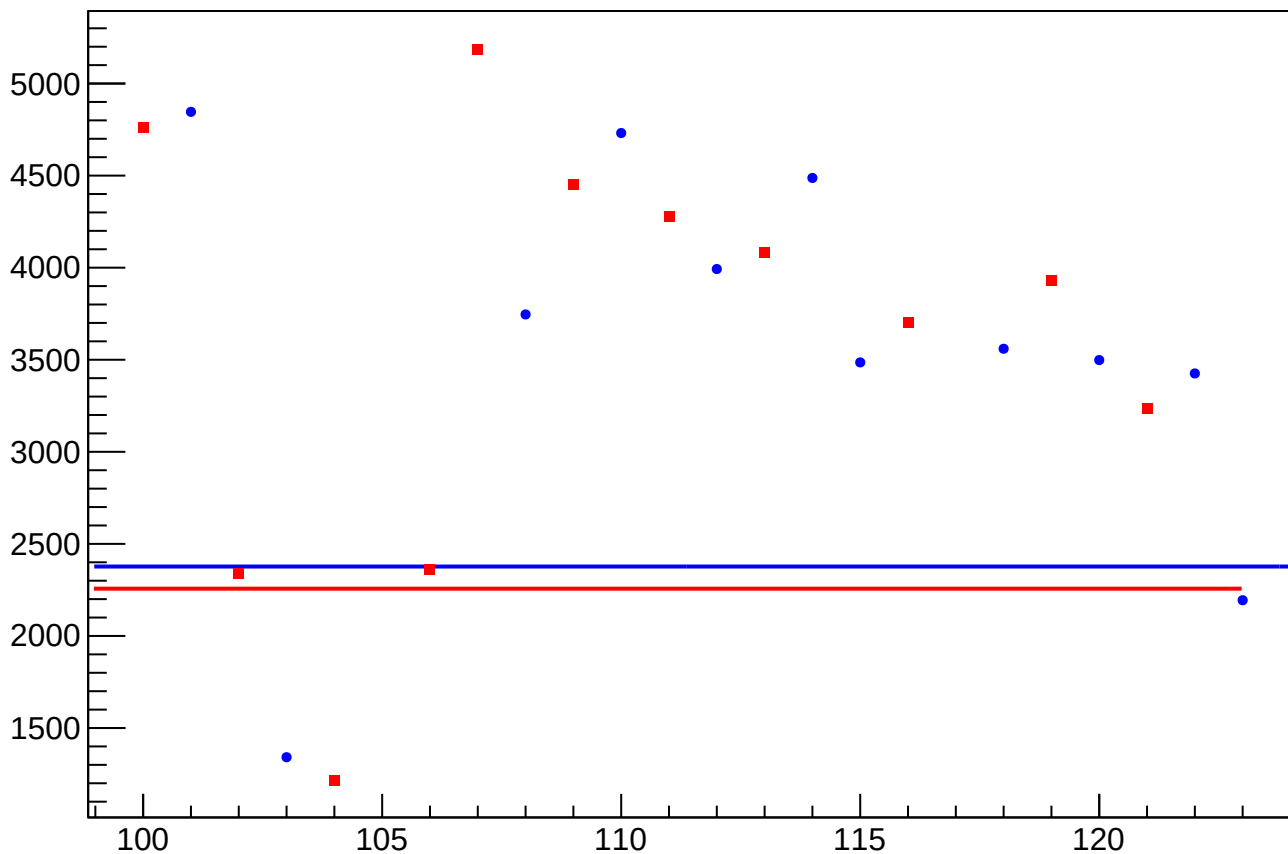
Right: 54.303+/-905.028 χ^2/NDF : 19.7/21

In: -162.442+/-1328.985 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.303+/-905.028 χ^2/NDF : 19.7/21

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2377.048+/-0.940 χ^2/NDF : 1853566.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2256.811+/-0.874 χ^2/NDF : 1978461.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

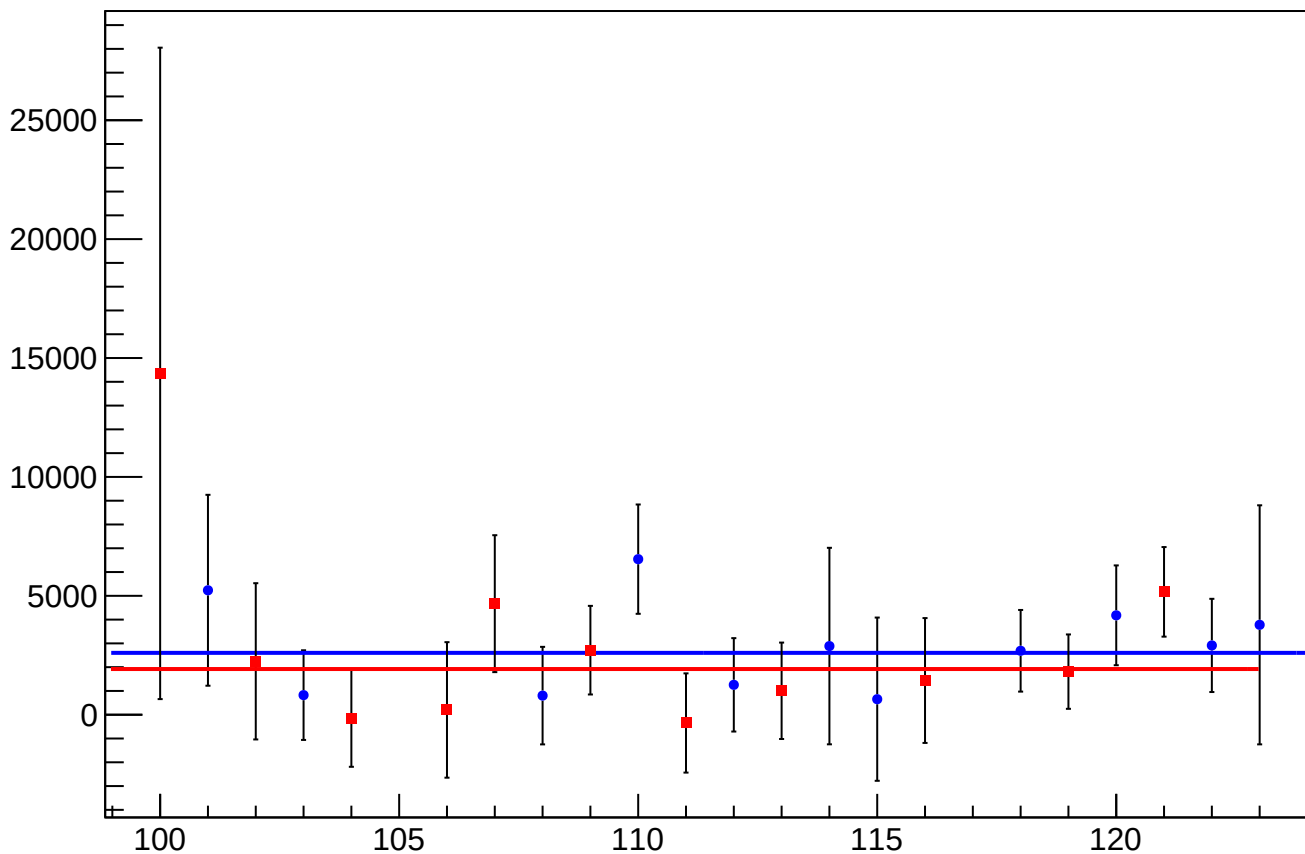
Right: 2312.571+/-0.640 χ^2/NDF : 3840806.9/21

In: 2377.048+/-0.940 χ^2/NDF : 1853566.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2312.571+/-0.640 χ^2/NDF : 3840806.9/21

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2601.846 $\pm$ 700.183 χ^2/NDF : 6.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1921.701 $\pm$ 677.316 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

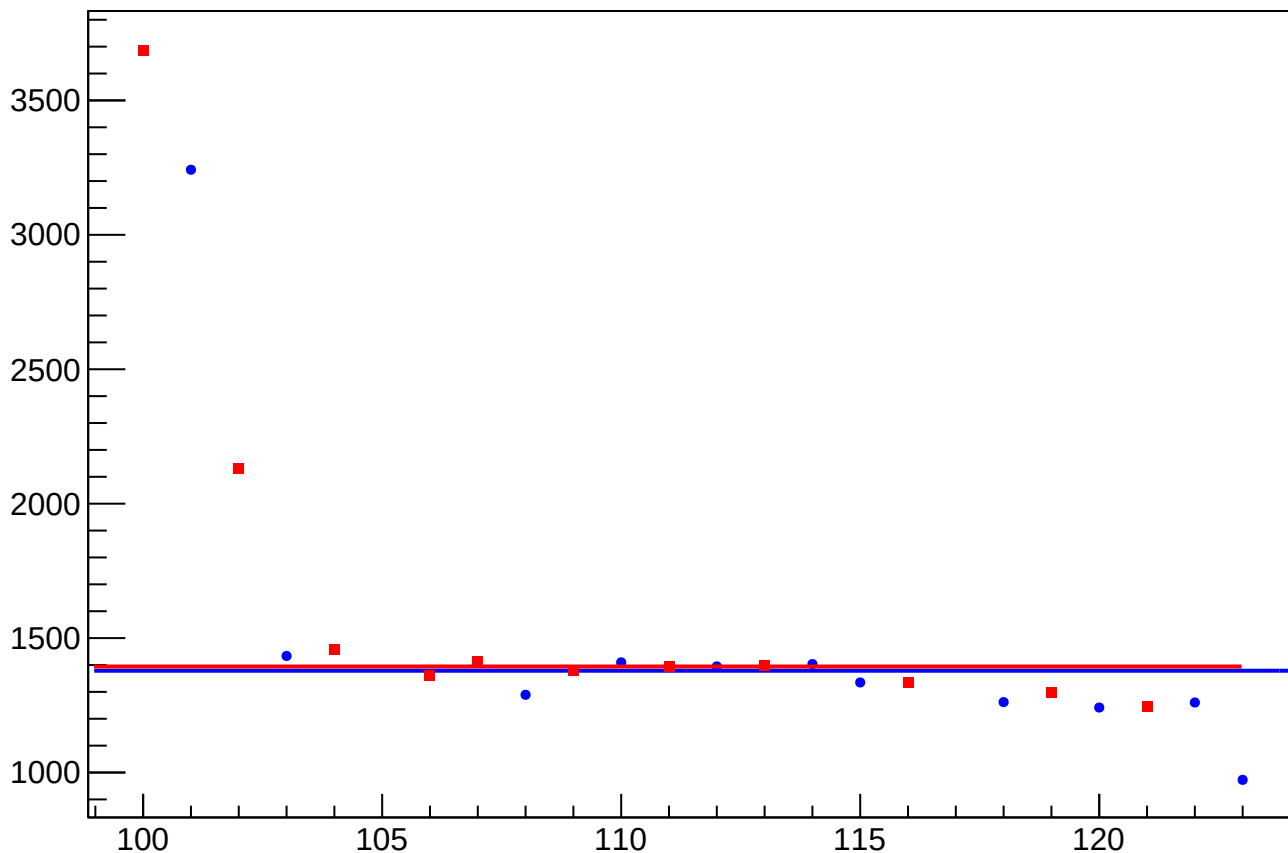
Right: 2250.486 $\pm$ 486.818 χ^2/NDF : 14.7/21

In: 2601.846 $\pm$ 700.183 χ^2/NDF : 6.5/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2250.486 $\pm$ 486.818 χ^2/NDF : 14.7/21

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1378.693+/-0.495 χ^2/NDF : 475573.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1394.402+/-0.478 χ^2/NDF : 180610.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

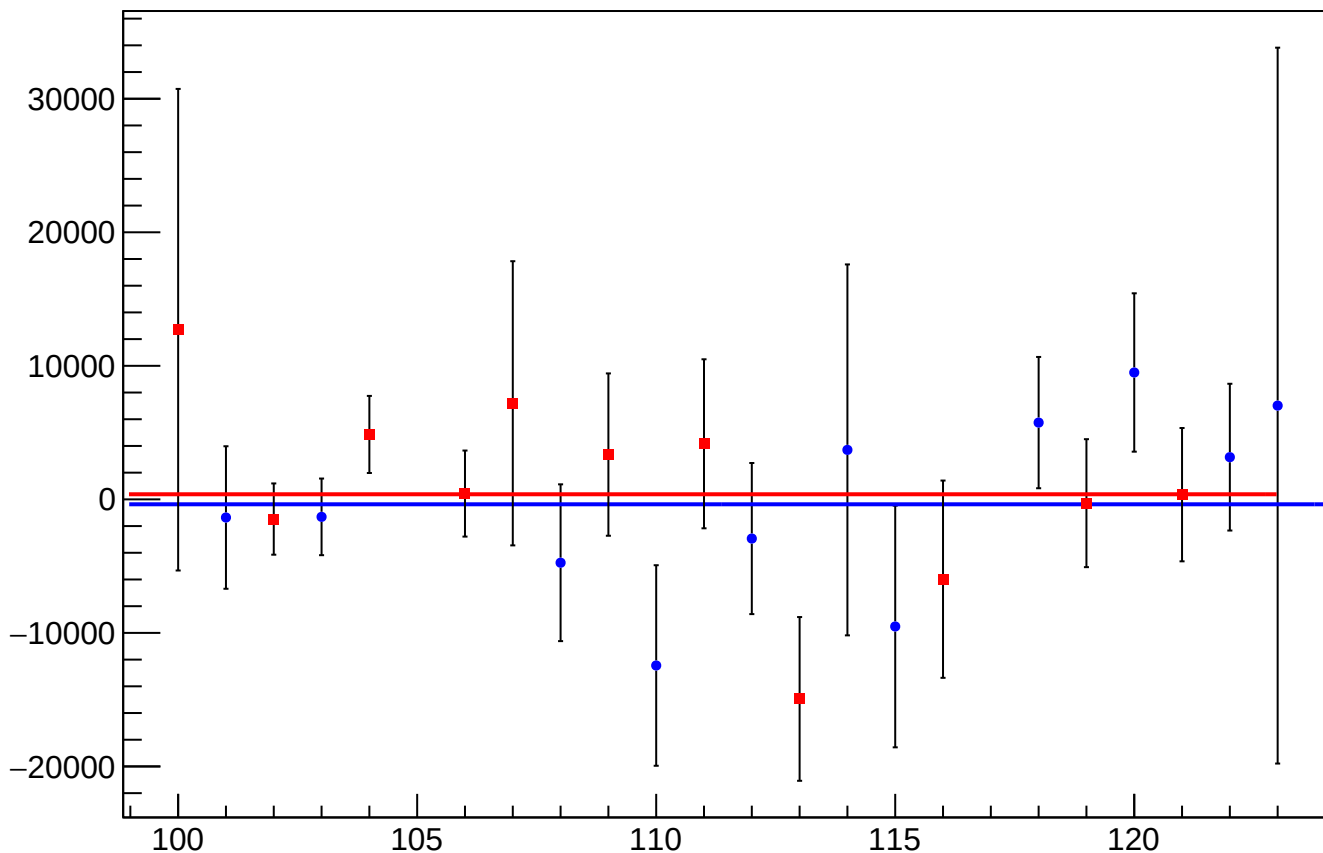
Right: 1386.817+/-0.344 χ^2/NDF : 656704.6/21

In: 1378.693+/-0.495 χ^2/NDF : 475573.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.817+/-0.344 χ^2/NDF : 656704.6/21

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.844 ± 1675.352 χ^2/NDF : 9.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 381.862 ± 1349.138 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

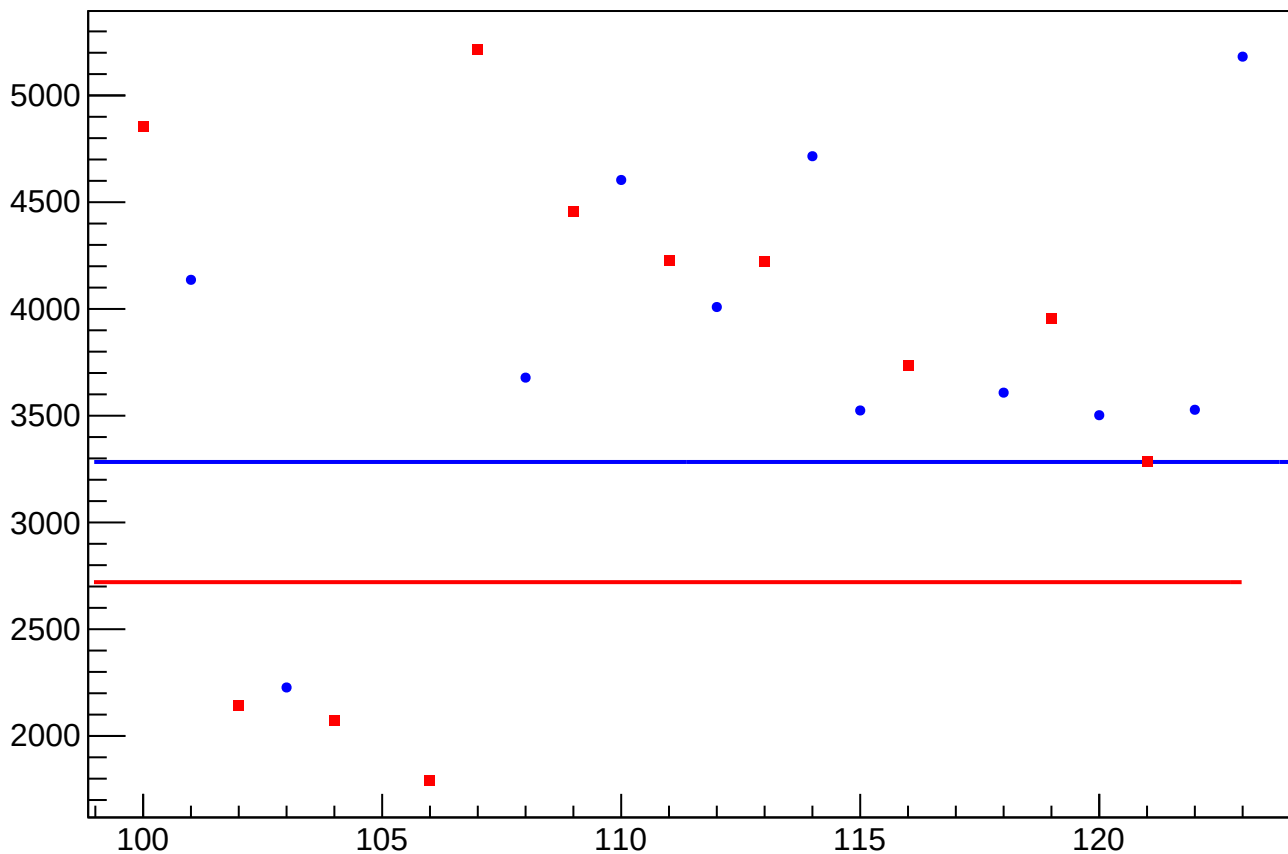
Right: 86.547 ± 1050.785 χ^2/NDF : 20.9/21

In: -368.844 ± 1675.352 χ^2/NDF : 9.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 86.547 ± 1050.785 χ^2/NDF : 20.9/21

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3283.317+/-1.185 χ^2/NDF : 474076.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2720.407+/-0.954 χ^2/NDF : 1092011.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

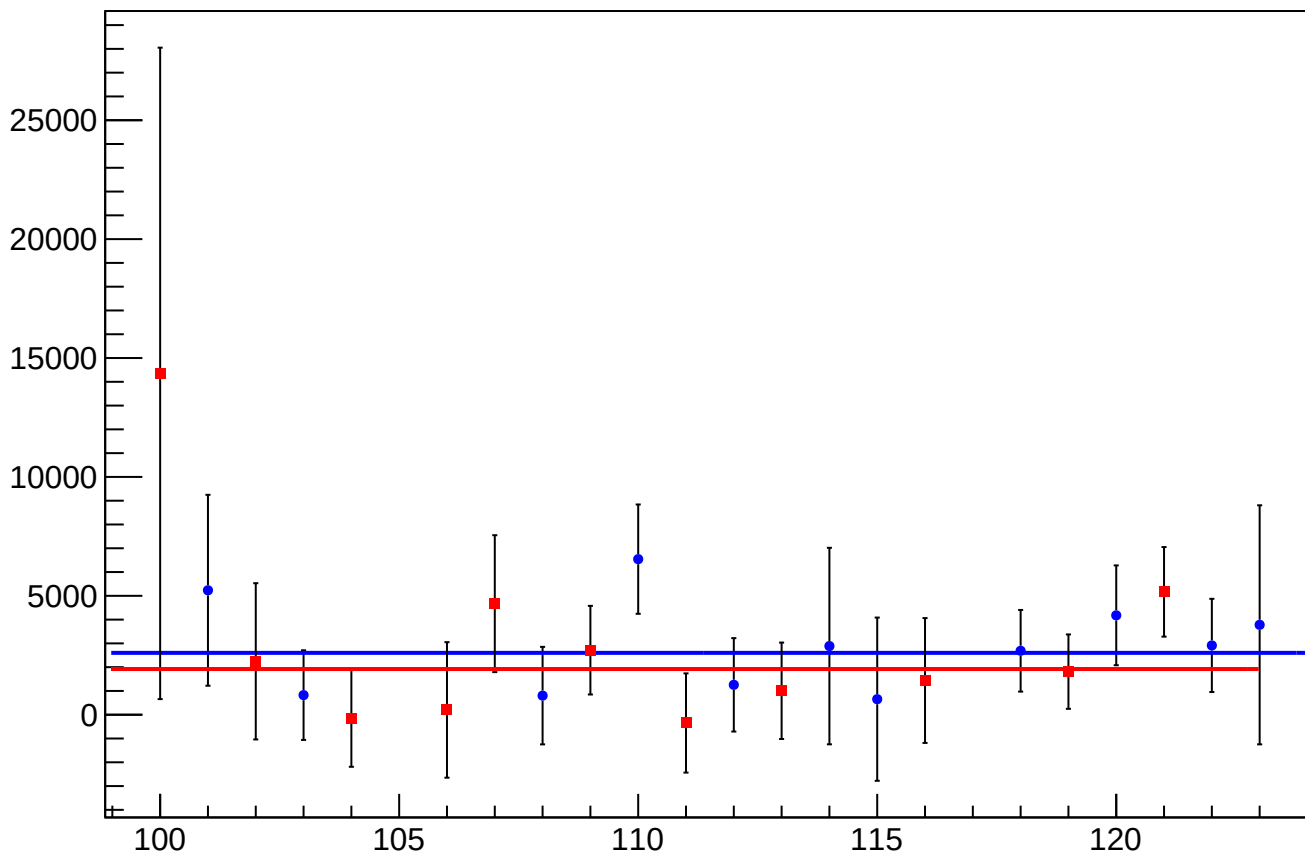
Right: 2941.846+/-0.743 χ^2/NDF : 1703053.3/21

In: 3283.317+/-1.185 χ^2/NDF : 474076.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2941.846+/-0.743 χ^2/NDF : 1703053.3/21

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2601.841+/-700.182 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.705+/-677.315 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

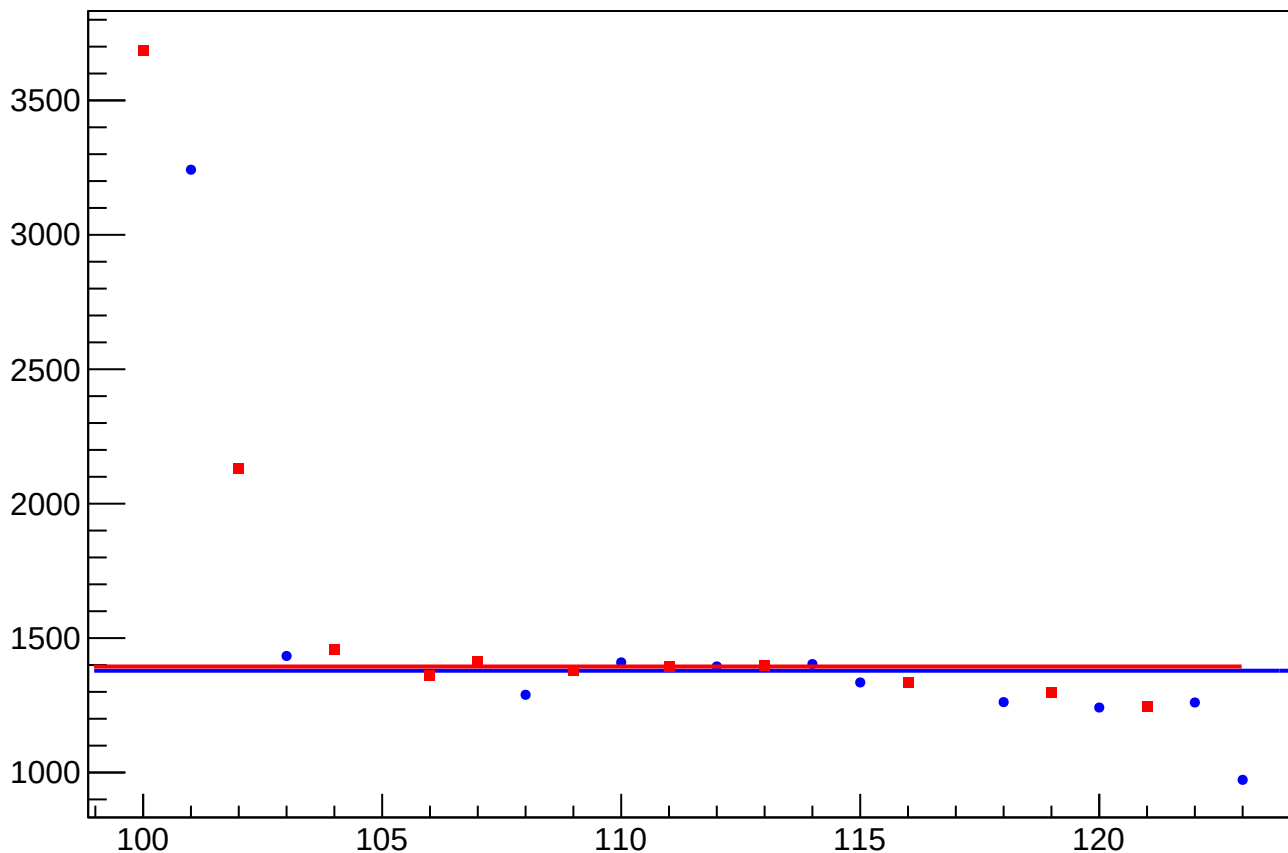
Right: 2250.485+/-486.818 χ^2/NDF : 14.7/21

In: 2601.841+/-700.182 χ^2/NDF : 6.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.485+/-486.818 χ^2/NDF : 14.7/21

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1378.692+/-0.495 χ^2/NDF : 475573.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1394.402+/-0.478 χ^2/NDF : 180609.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

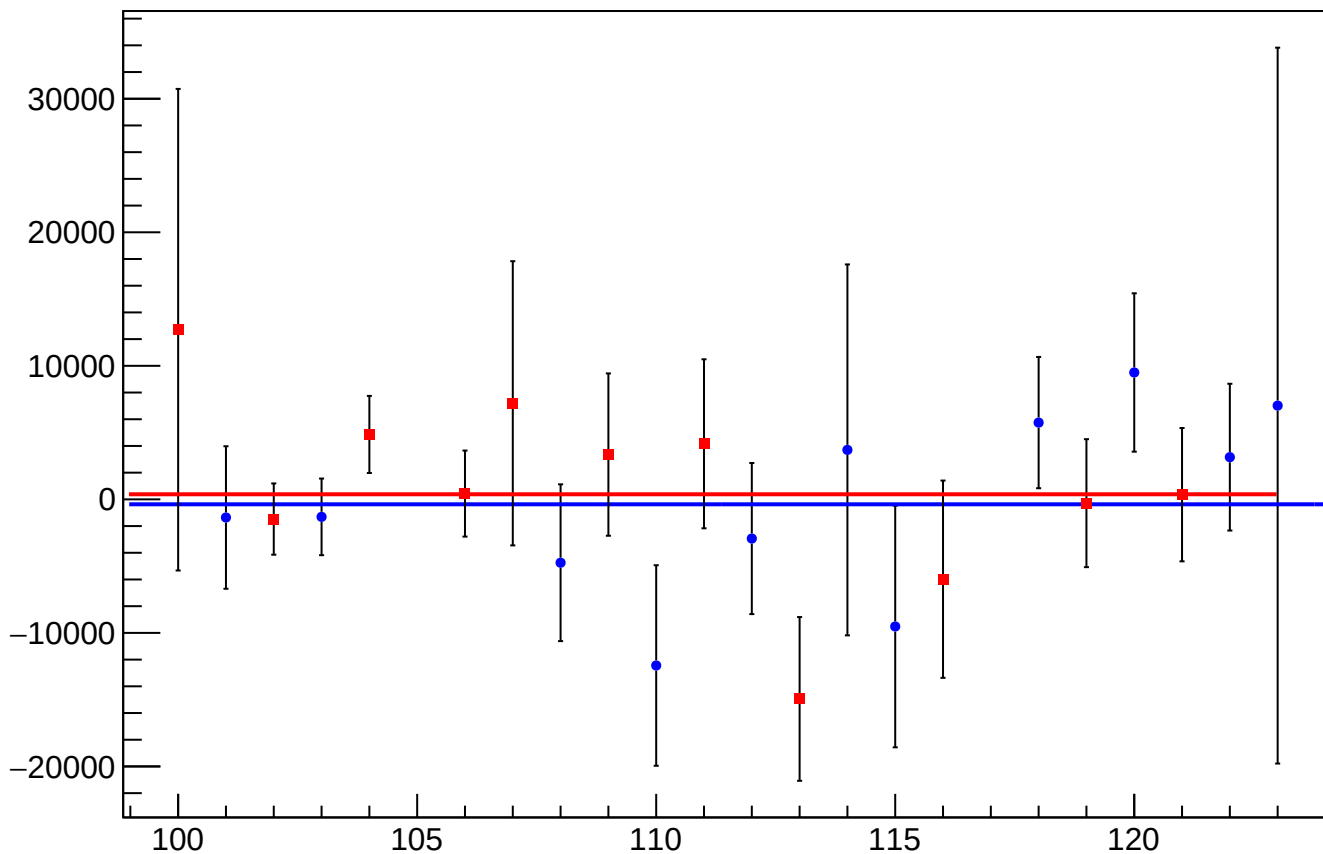
Right: 1386.816+/-0.344 χ^2/NDF : 656703.8/21

In: 1378.692+/-0.495 χ^2/NDF : 475573.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.816+/-0.344 χ^2/NDF : 656703.8/21

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.838+/-1675.347 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.861+/-1349.134 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

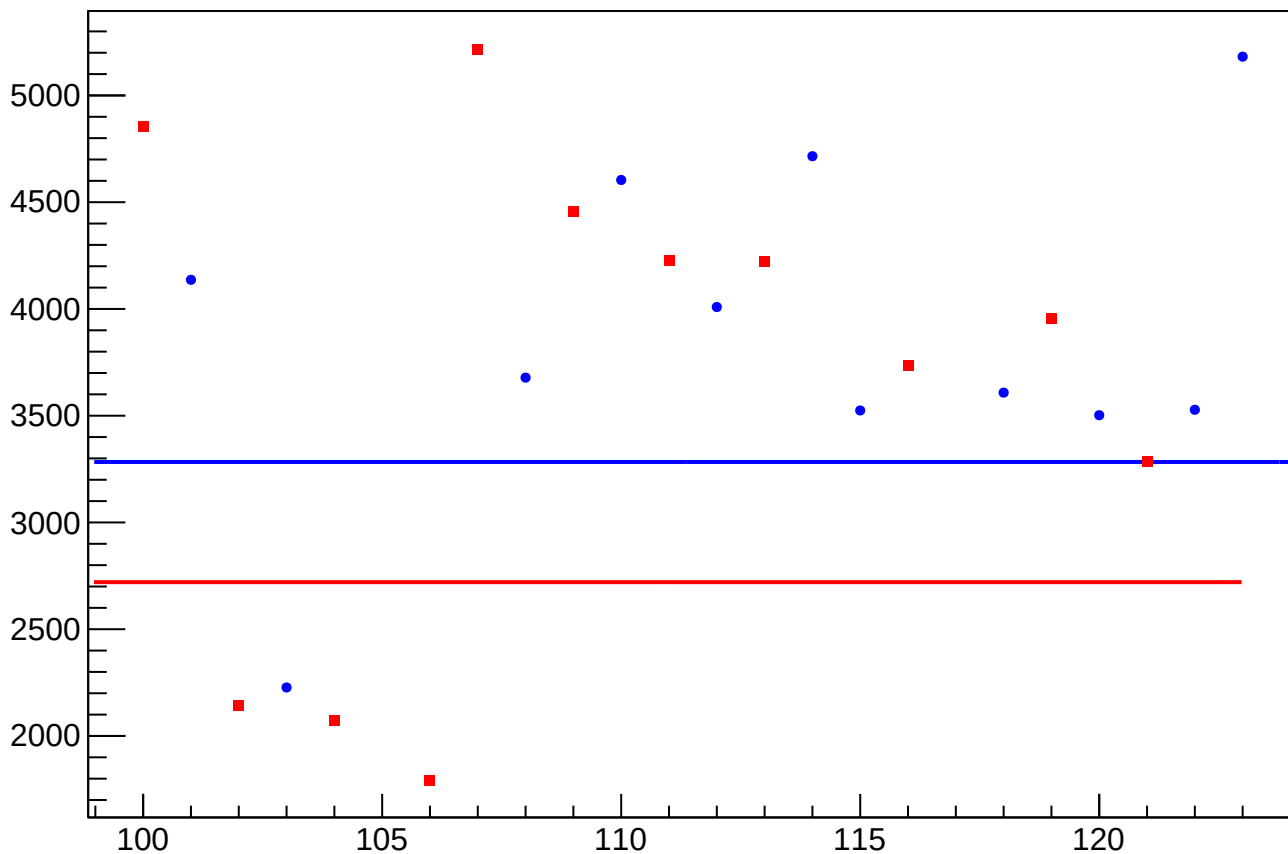
Right: 86.549+/-1050.782 χ^2/NDF : 20.9/21

In: -368.838+/-1675.347 χ^2/NDF : 9.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.549+/-1050.782 χ^2/NDF : 20.9/21

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3283.308+/-1.185 χ^2/NDF : 474075.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2720.399+/-0.954 χ^2/NDF : 1092011.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

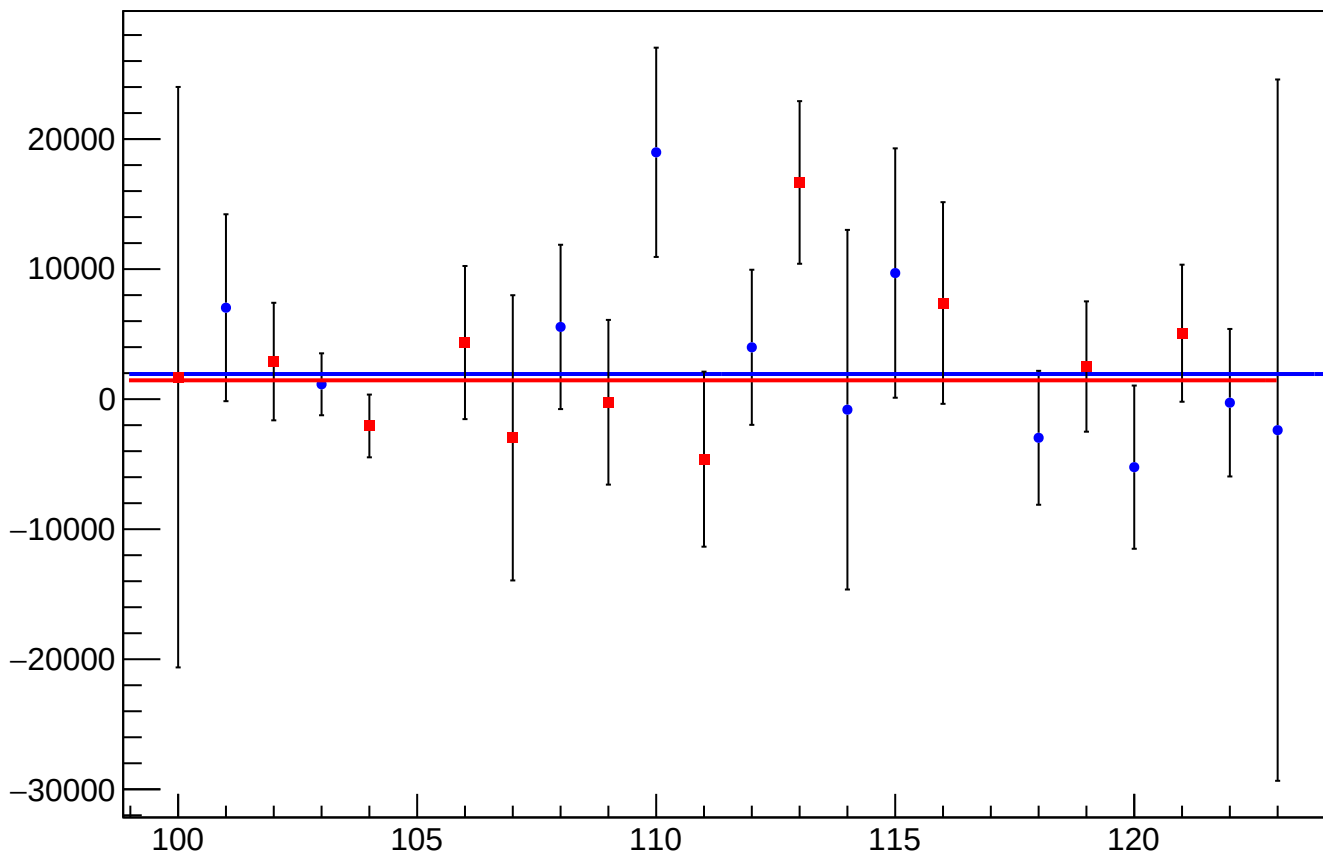
Right: 2941.838+/-0.743 χ^2/NDF : 1703052.7/21

In: 3283.308+/-1.185 χ^2/NDF : 474075.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2941.838+/-0.743 χ^2/NDF : 1703052.7/21

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1933.048+/-1630.818 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1448.615+/-1534.007 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

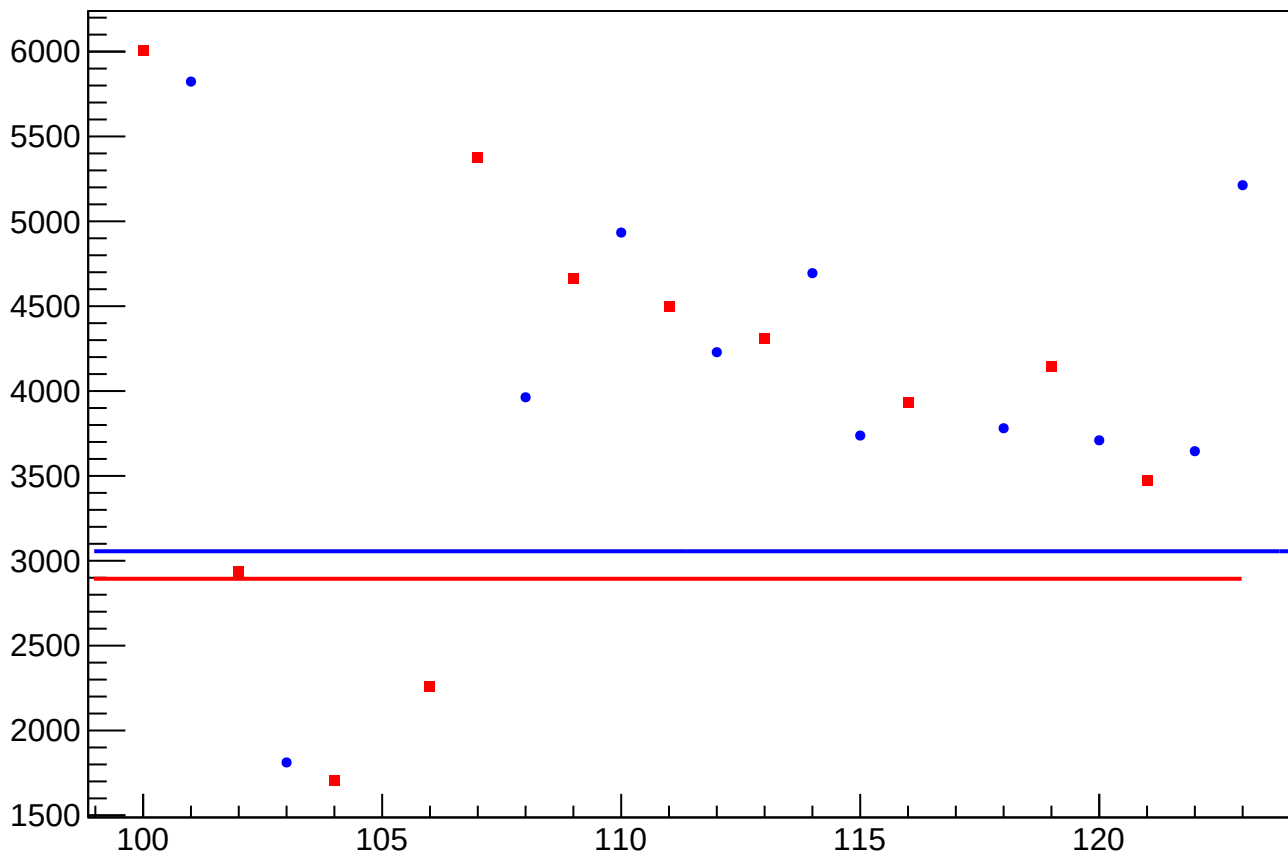
Right: 1676.026+/-1117.365 χ^2/NDF : 19.2/21

In: 1933.048+/-1630.818 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.026+/-1117.365 χ^2/NDF : 19.2/21

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3056.167+/-1.153 χ^2/NDF : 1204089.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2894.027+/-1.065 χ^2/NDF : 1218861.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

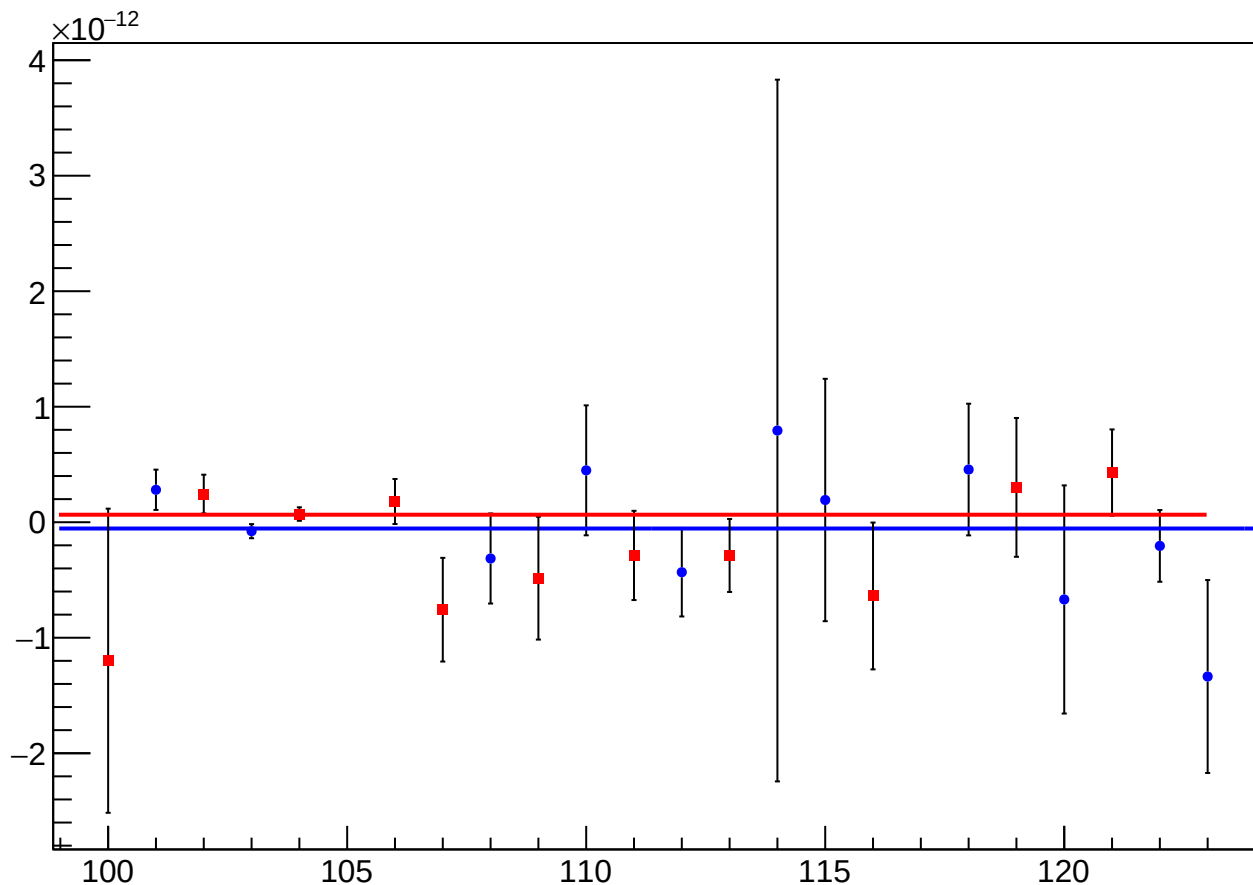
Right: 2968.688+/-0.783 χ^2/NDF : 2433617.2/21

In: 3056.167+/-1.153 χ^2/NDF : 1204089.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2968.688+/-0.783 χ^2/NDF : 2433617.2/21

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 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

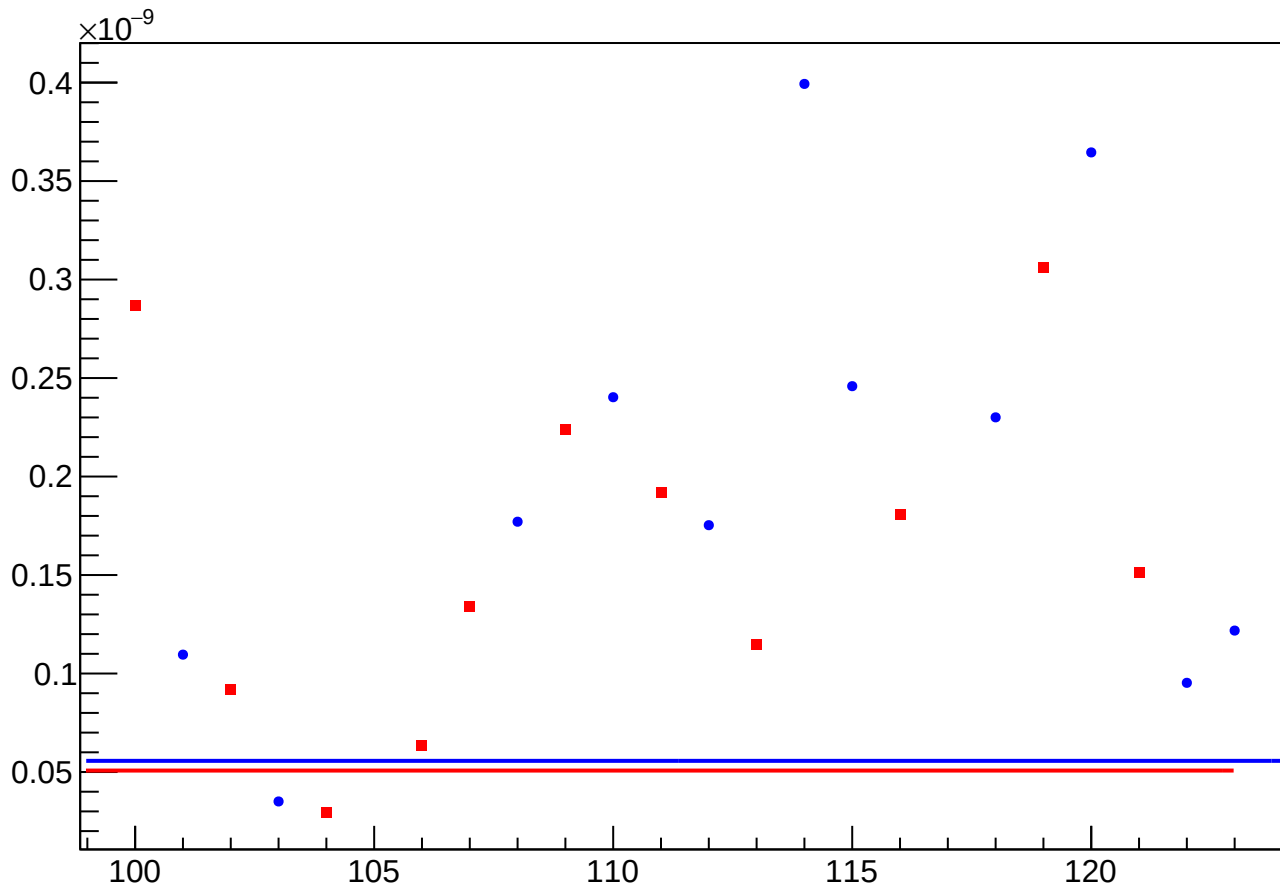
Right: 0.000+/-0.000 χ^2/NDF : 23.8/21

In: -0.000+/-0.000 χ^2/NDF :10.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.8/21

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1543354.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1681518.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

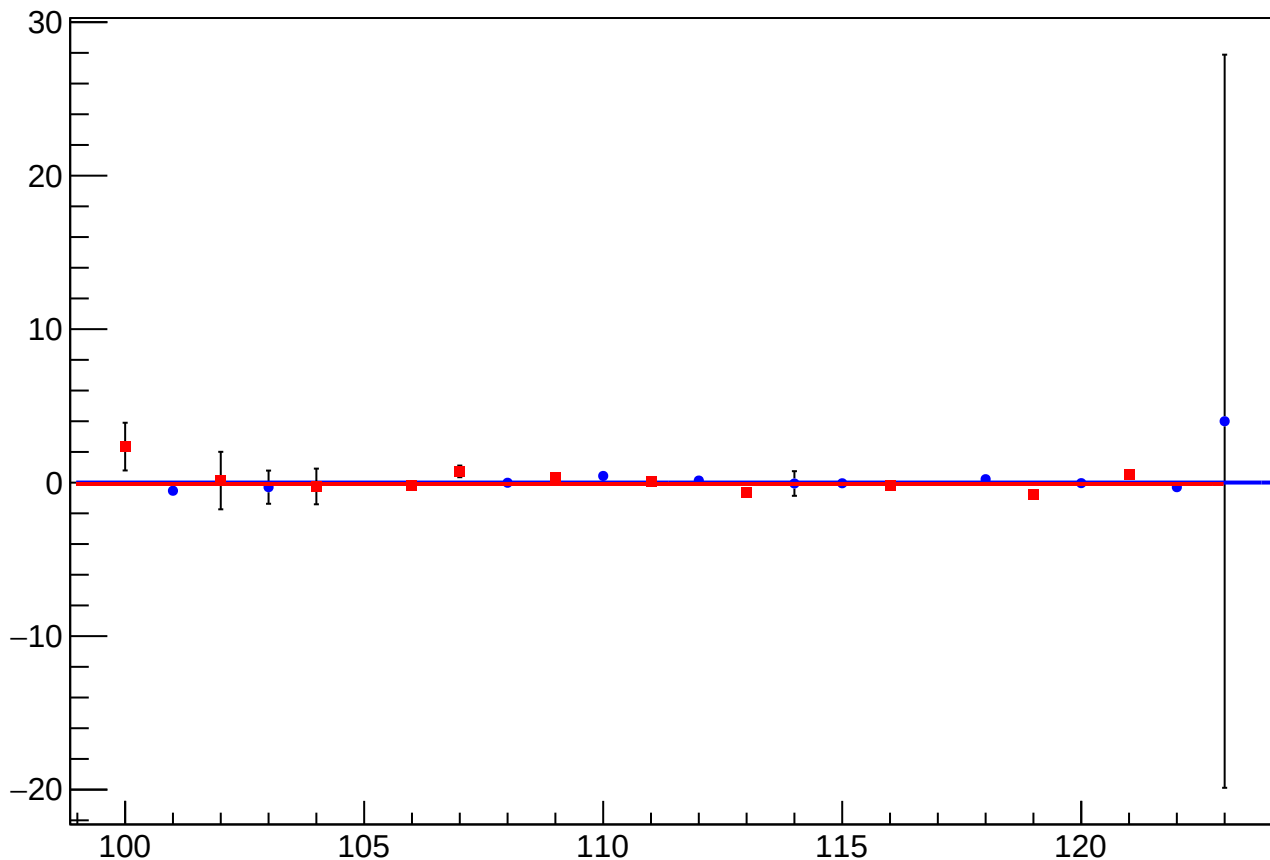
Right: 0.000+/-0.000 χ^2/NDF : 3233683.7/21

In: 0.000+/-0.000 χ^2/NDF : 1543354.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3233683.7/21

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.079 χ^2/NDF : 37.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

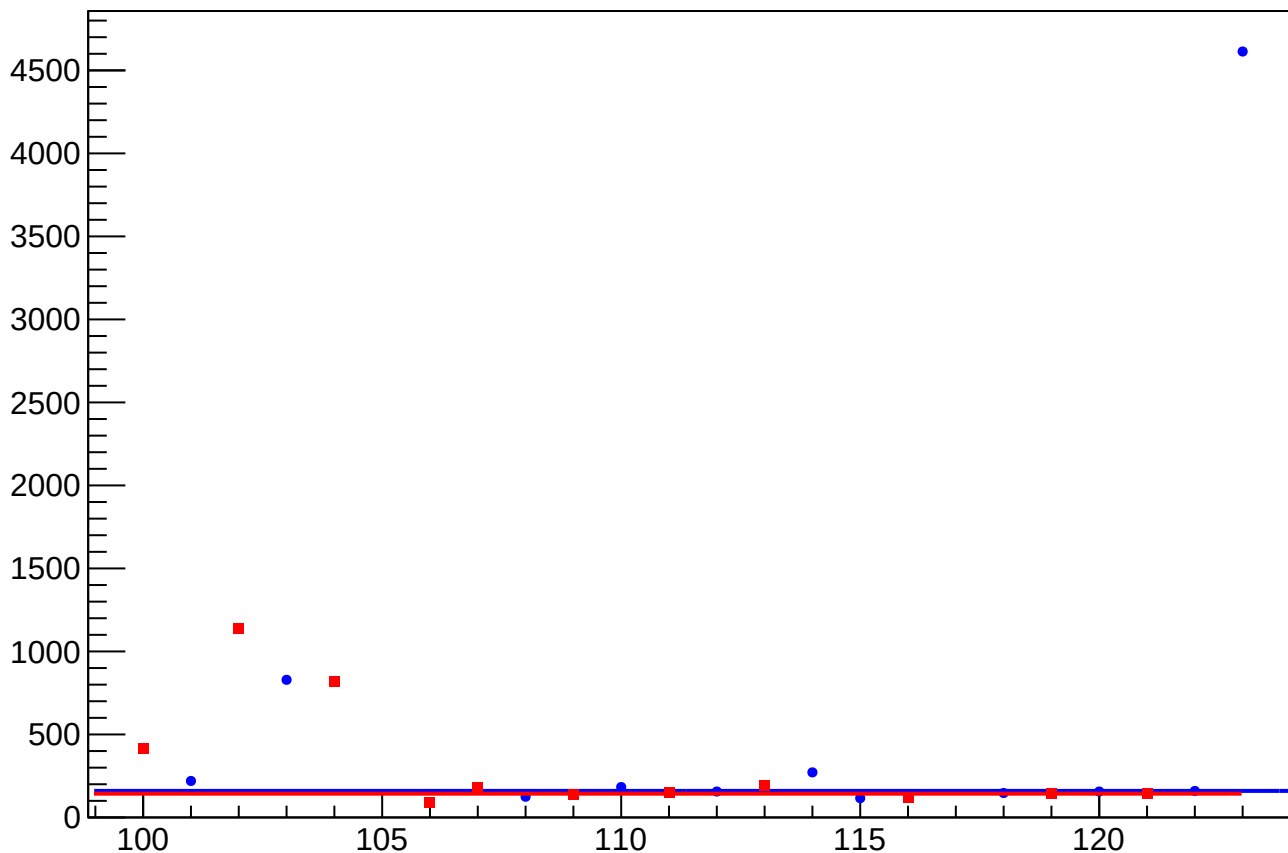
Right: -0.045+/-0.059 χ^2/NDF : 47.0/21

In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.059 χ^2/NDF : 47.0/21

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.947+/-0.061 χ^2/NDF : 1082570.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.212+/-0.056 χ^2/NDF : 1582624.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

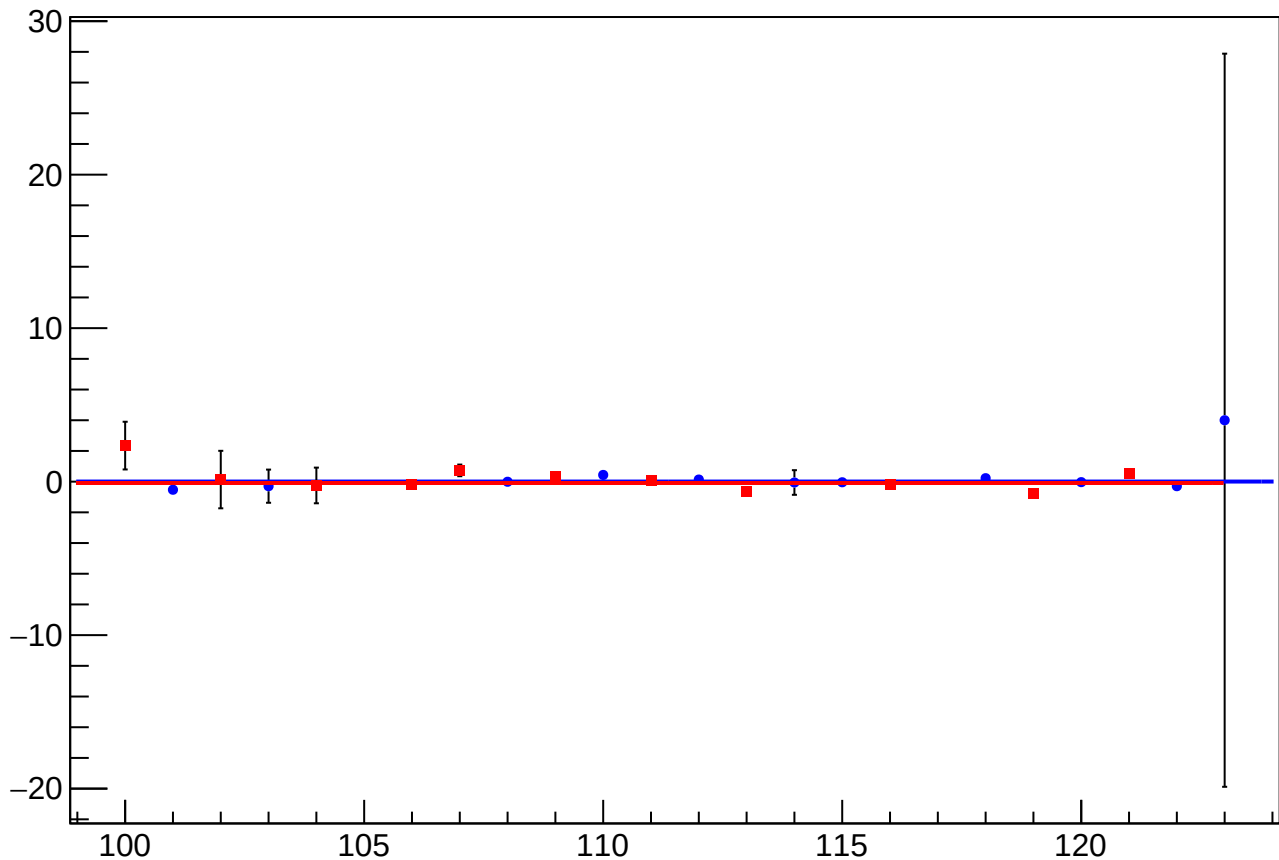
Right: 150.809+/-0.041 χ^2/NDF : 2705678.9/21

In: 159.947+/-0.061 χ^2/NDF : 1082570.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.809+/-0.041 χ^2/NDF : 2705678.9/21

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.079 χ^2/NDF : 37.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

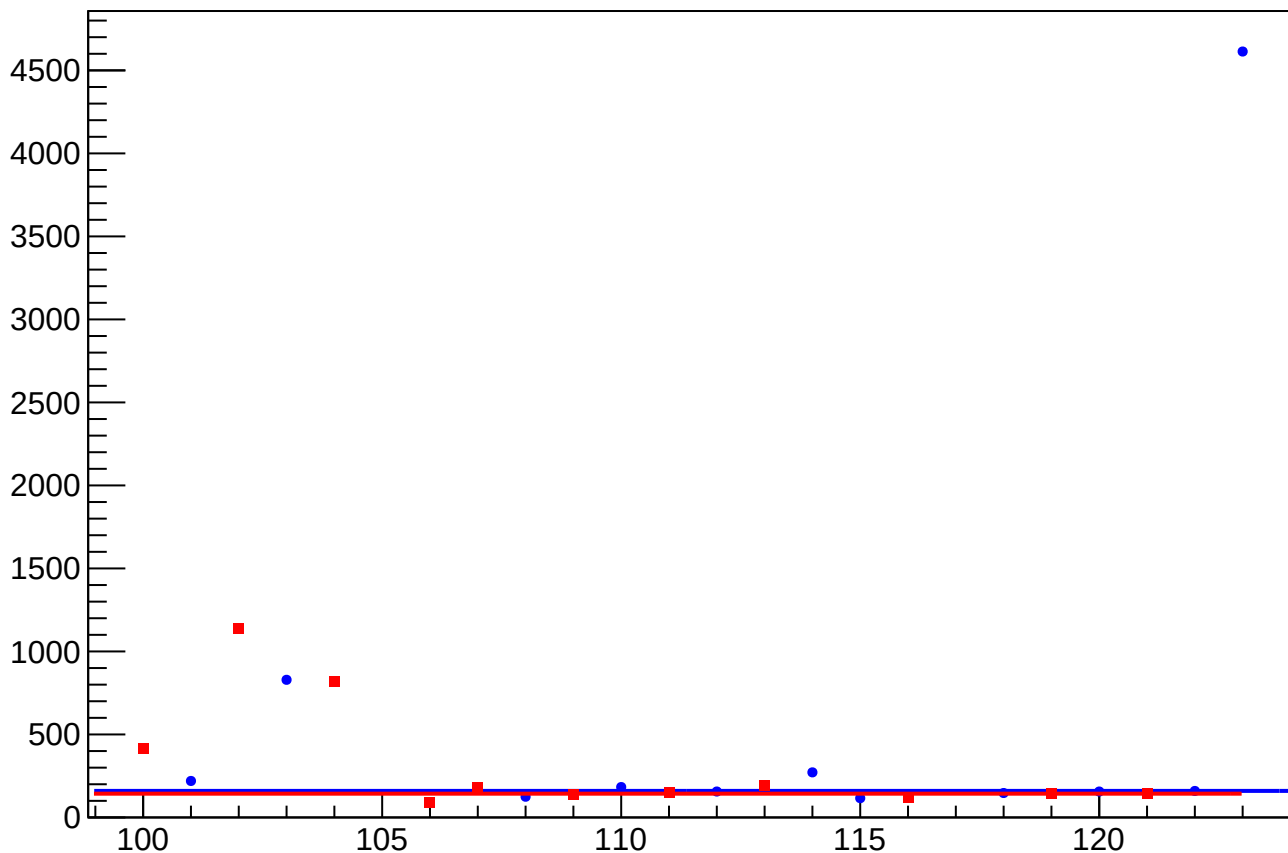
Right: -0.045+/-0.059 χ^2/NDF : 47.0/21

In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.059 χ^2/NDF : 47.0/21

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.947+/-0.061 χ^2/NDF : 1082570.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.212+/-0.056 χ^2/NDF : 1582624.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

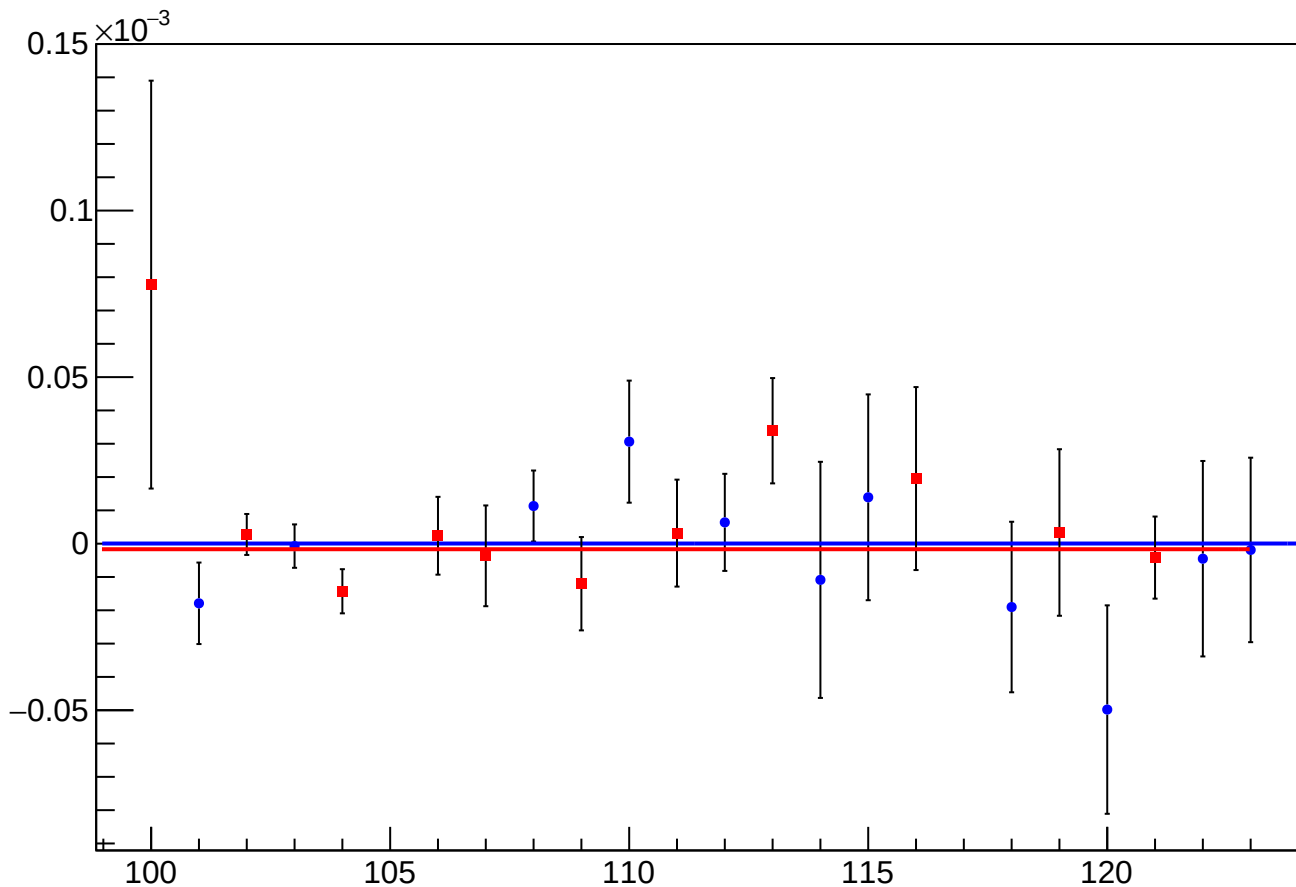
Right: 150.809+/-0.041 χ^2/NDF : 2705678.9/21

In: 159.947+/-0.061 χ^2/NDF : 1082570.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.809+/-0.041 χ^2/NDF : 2705678.9/21

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 : 9.7/10

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

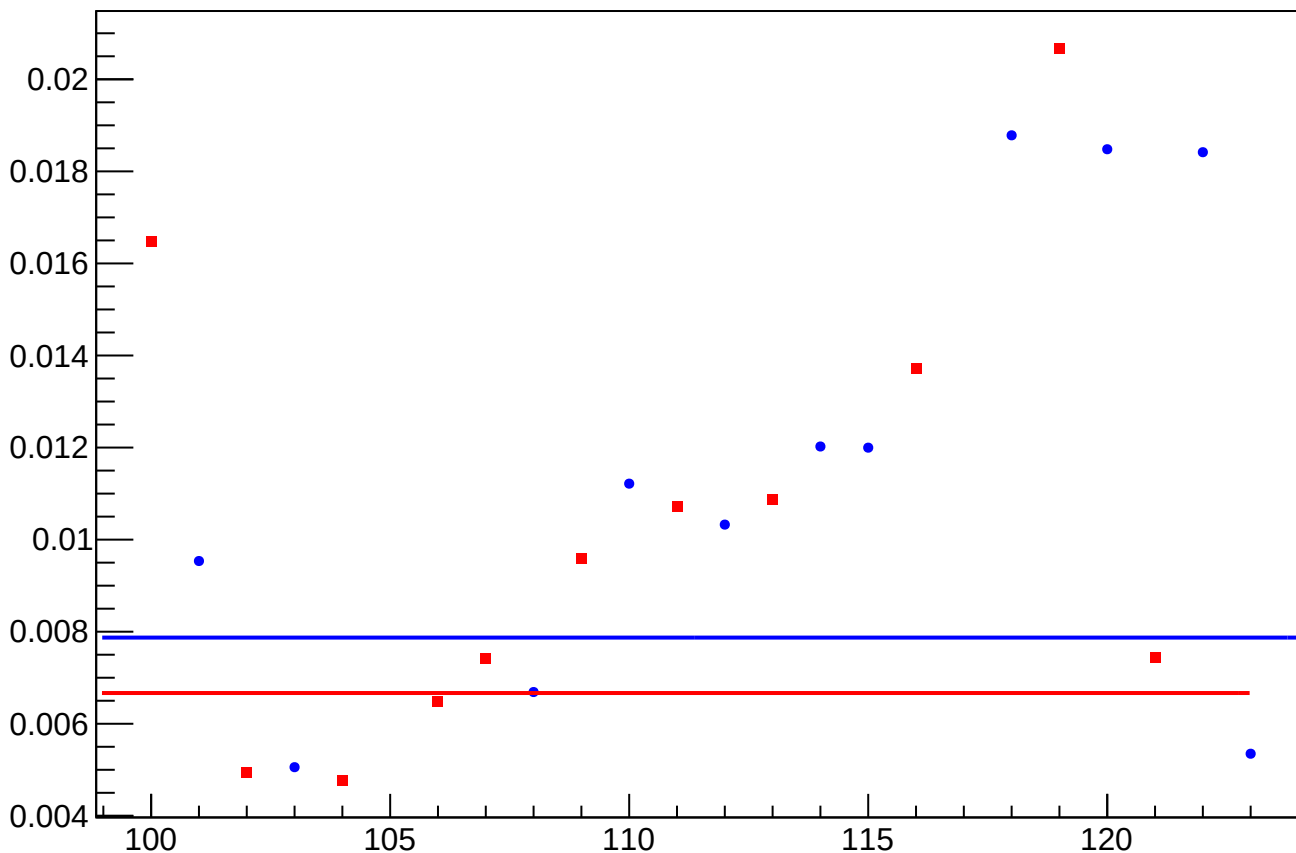
Right: -0.000+/-0.000 χ^2/NDF : 22.1/21

In: 0.000+/-0.000 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.1/21

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 : 1489553.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1501425.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

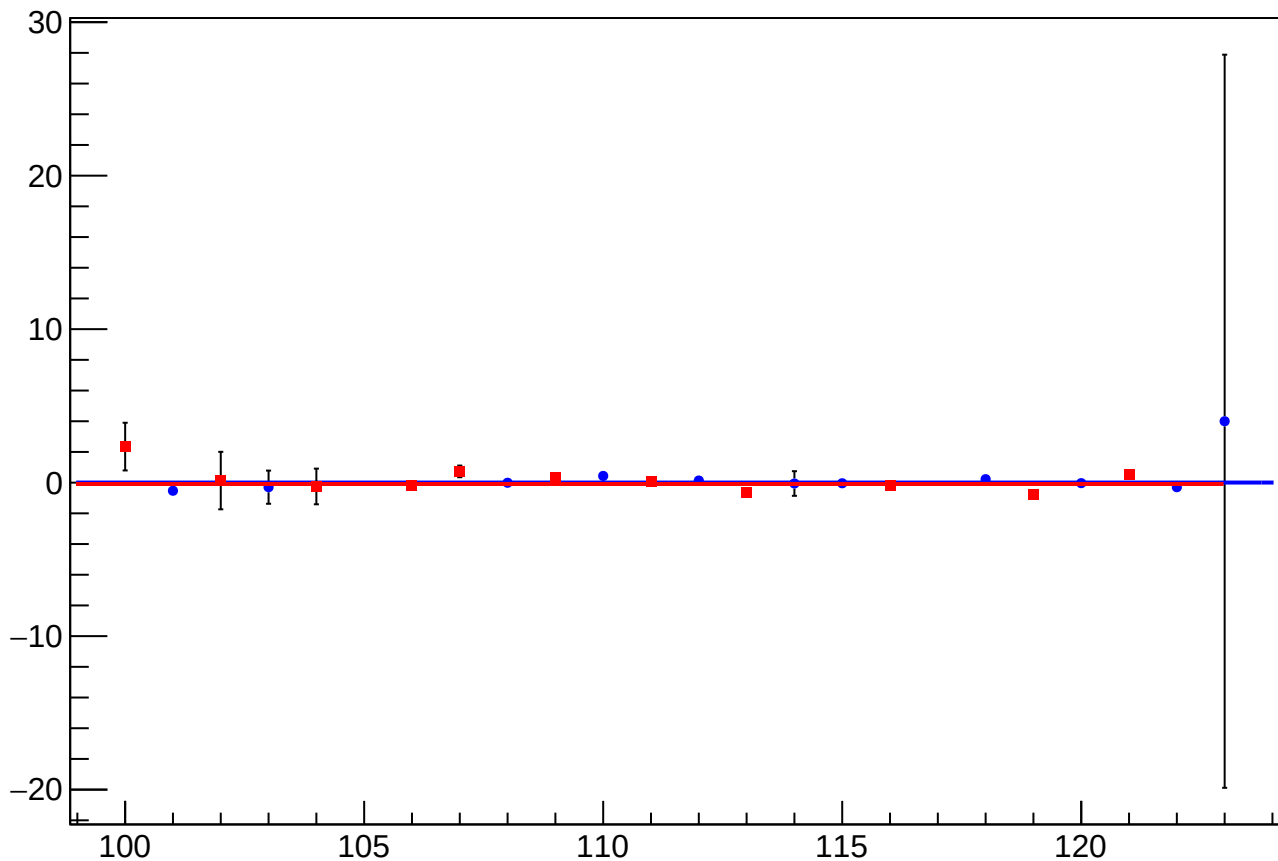
Right: 0.007+/-0.000 χ^2/NDF : 3085708.0/21

In: 0.008+/-0.000 χ^2/NDF : 1489553.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3085708.0/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.079 χ^2/NDF : 37.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

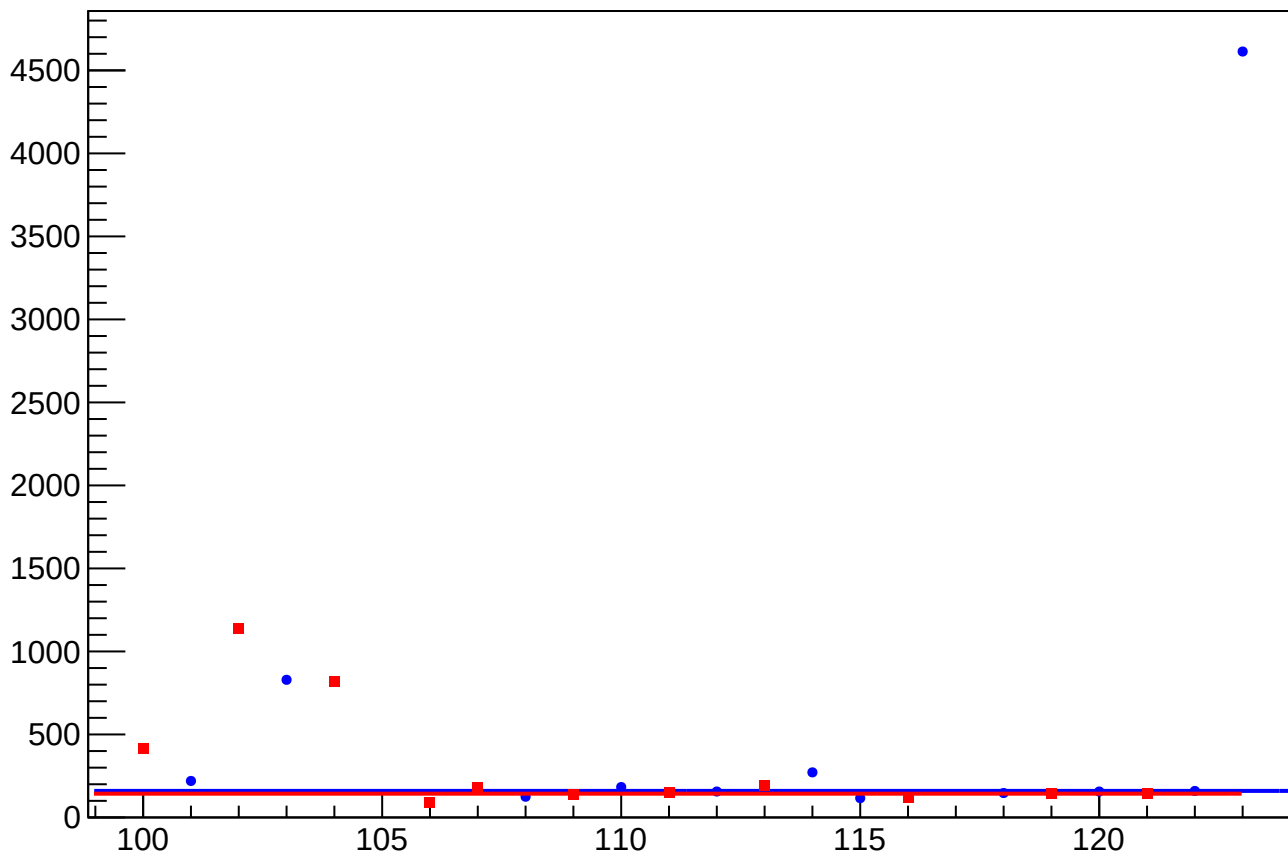
Right: -0.045+/-0.059 χ^2/NDF : 47.0/21

In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.059 χ^2/NDF : 47.0/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.947+/-0.061 χ^2/NDF : 1082558.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 143.211+/-0.056 χ^2/NDF : 1582627.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

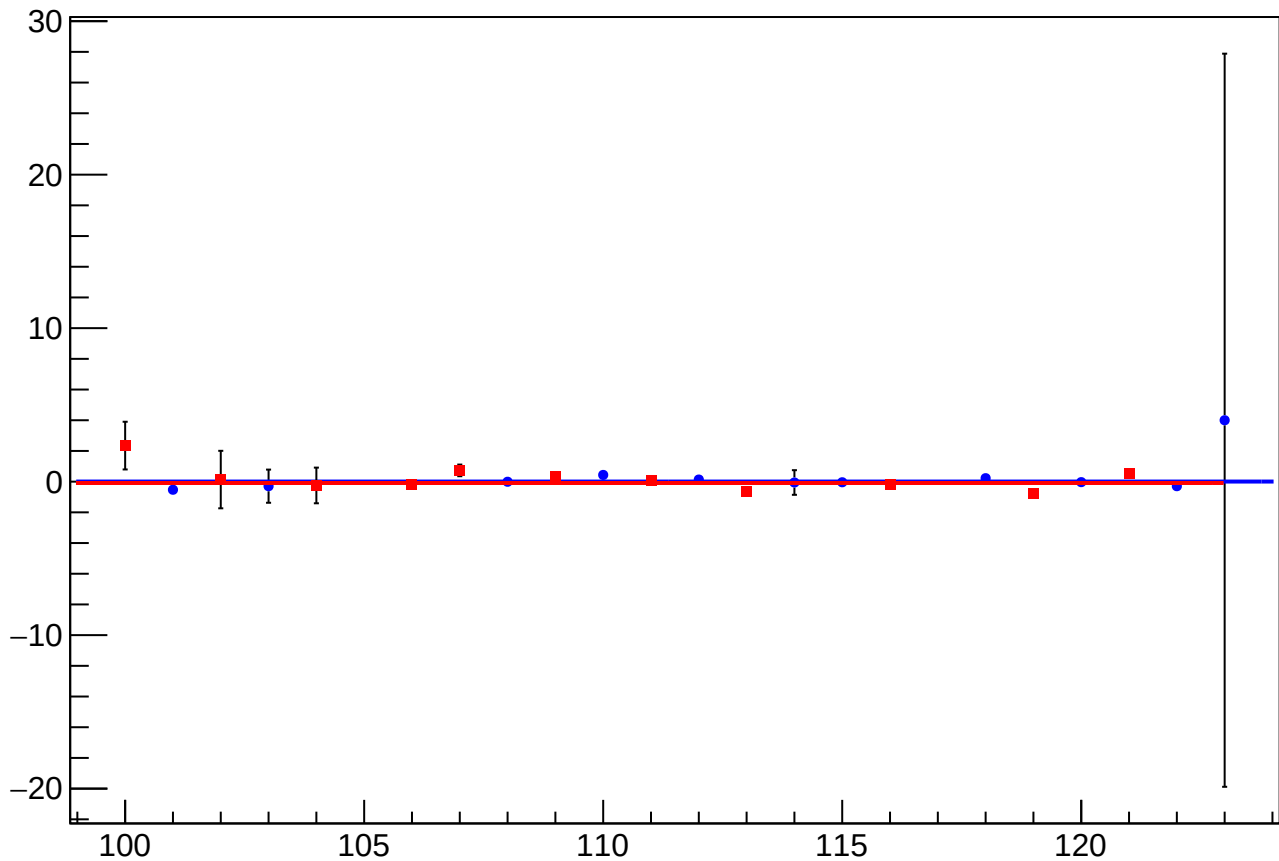
Right: 150.809+/-0.041 χ^2/NDF : 2705671.4/21

In: 159.947+/-0.061 χ^2/NDF :1082558.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.809+/-0.041 χ^2/NDF : 2705671.4/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.079 χ^2/NDF : 37.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

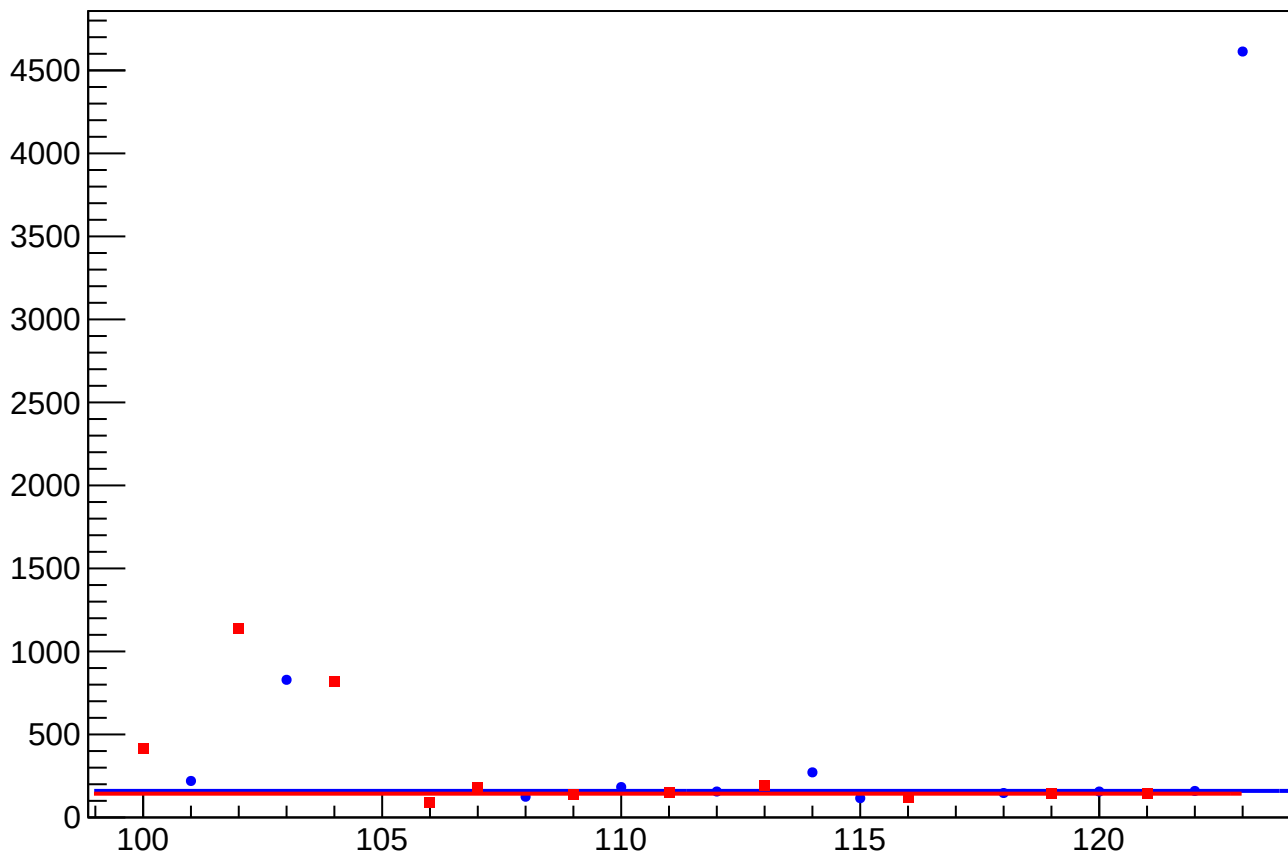
Right: -0.045+/-0.059 χ^2/NDF : 47.0/21

In: 0.006+/-0.087 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.059 χ^2/NDF : 47.0/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.947+/-0.061 χ^2/NDF : 1082558.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 143.211+/-0.056 χ^2/NDF : 1582627.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

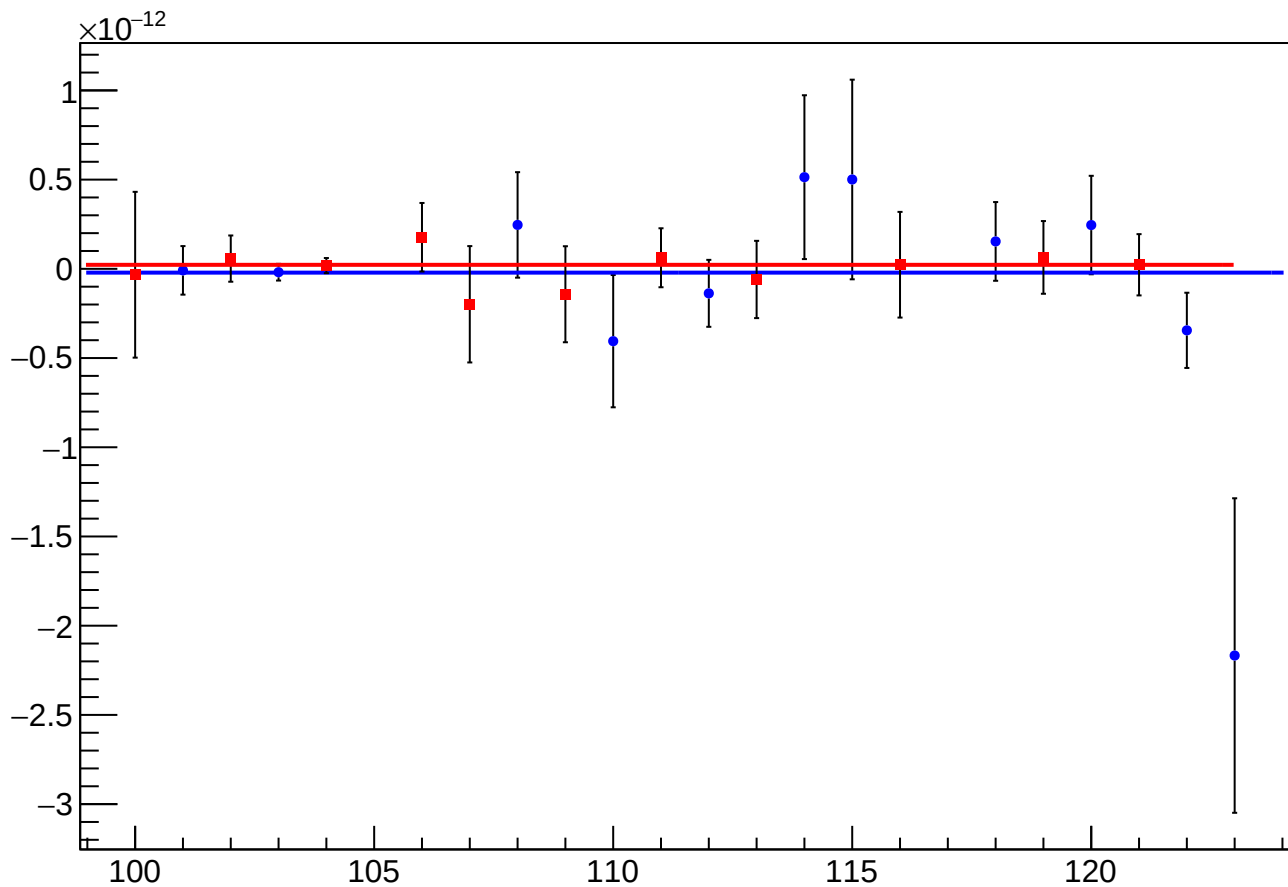
Right: 150.809+/-0.041 χ^2/NDF : 2705671.4/21

In: 159.947+/-0.061 χ^2/NDF :1082558.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.809+/-0.041 χ^2/NDF : 2705671.4/21

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: 14.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

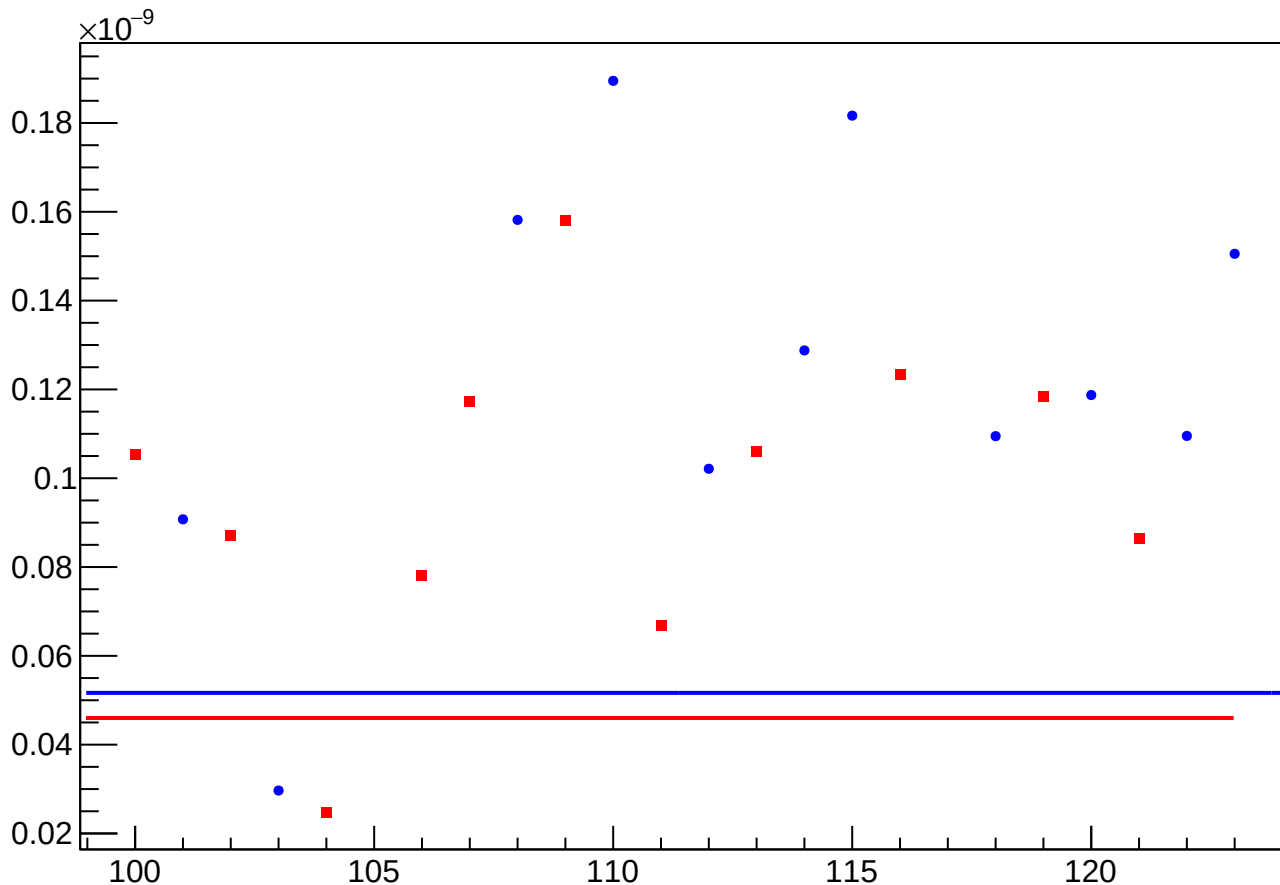
Right: 0.000+/-0.000 χ^2 /NDF: 16.9/21

In: -0.000+/-0.000 χ^2 /NDF:14.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 16.9/21

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 : 1883913.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1925045.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

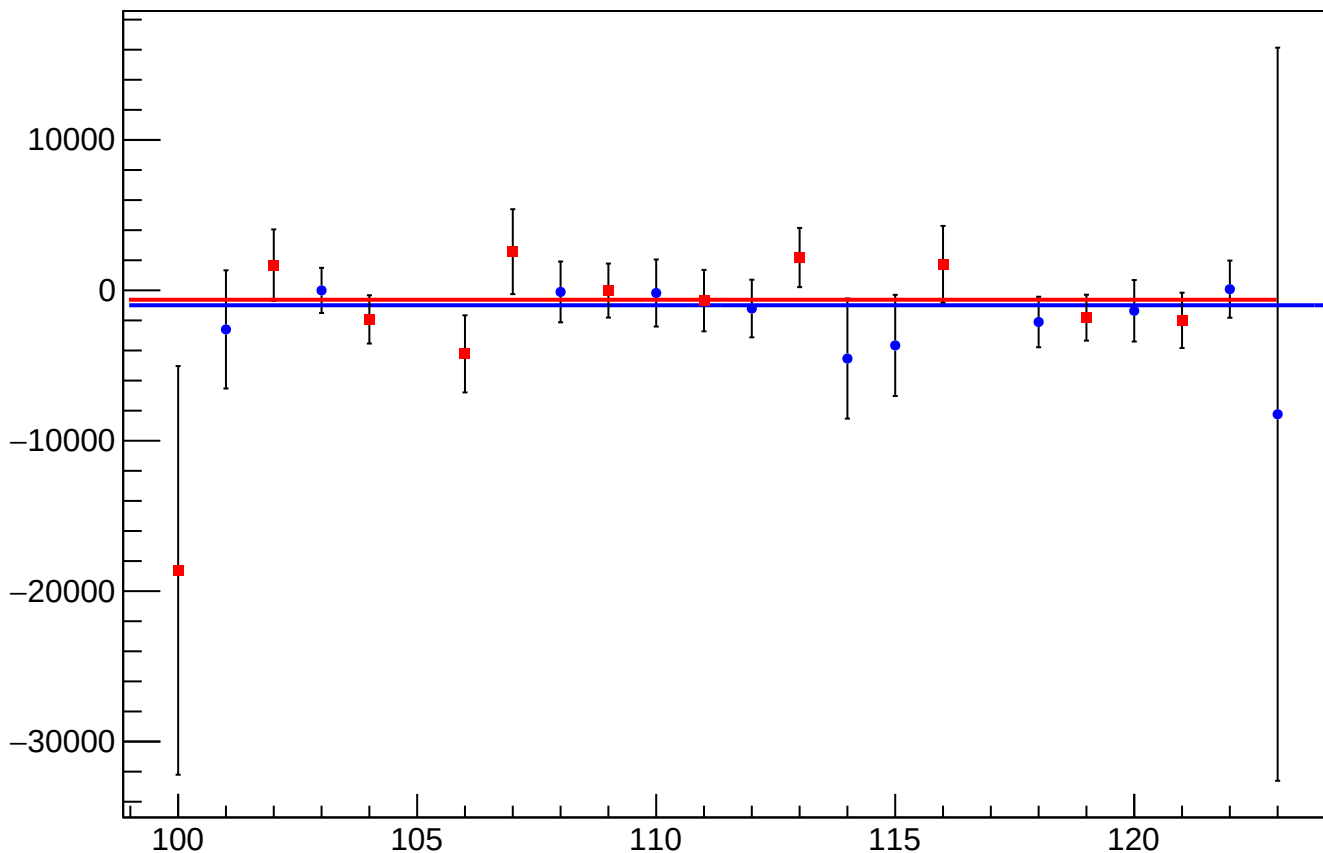
Right: 0.000+/-0.000 χ^2/NDF : 3831317.8/21

In: 0.000+/-0.000 χ^2/NDF : 1883913.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3831317.8/21

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -992.308+/-666.592 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -624.469+/-627.939 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

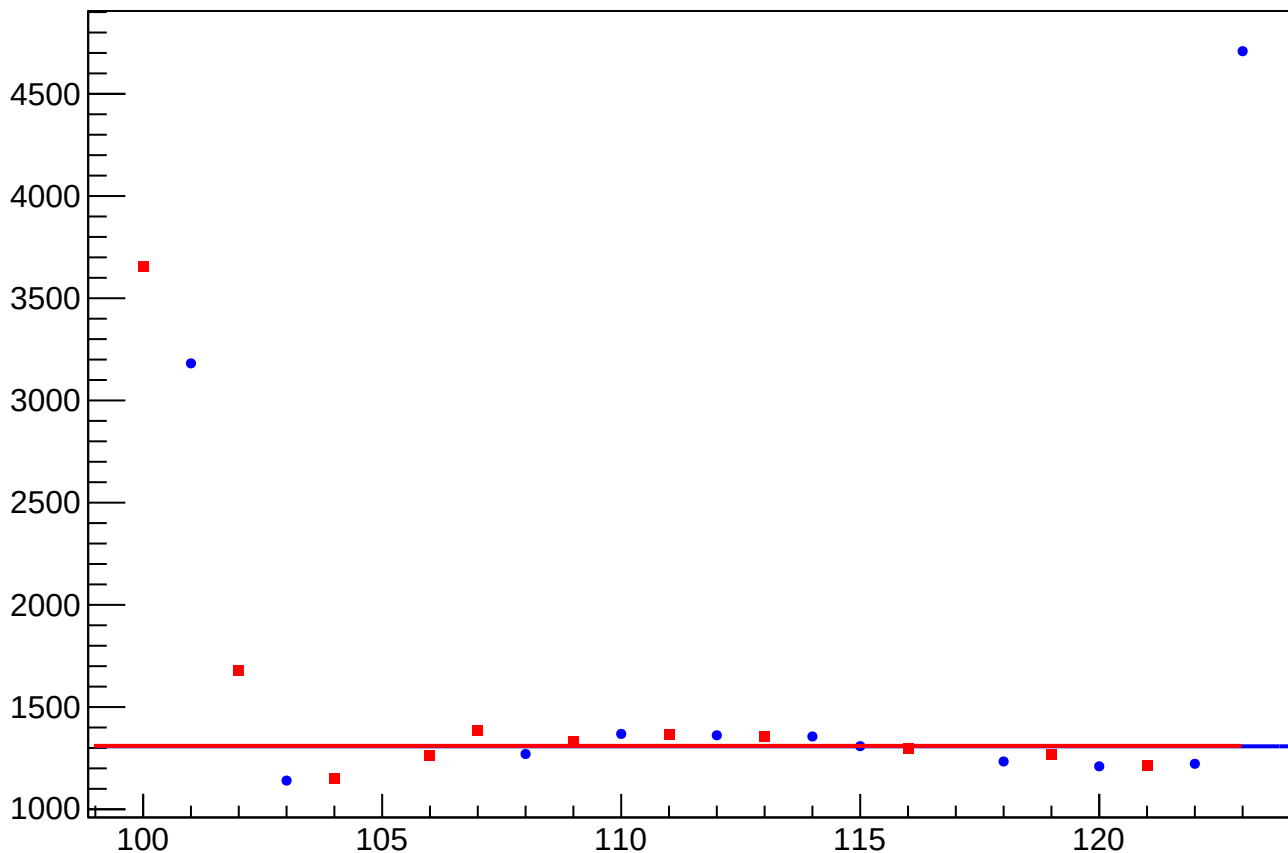
Right: -797.415+/-457.074 χ^2/NDF : 14.2/21

In: -992.308+/-666.592 χ^2/NDF : 3.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -797.415+/-457.074 χ^2/NDF : 14.2/21

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1307.950+/-0.471 χ^2/NDF : 535372.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1310.122+/-0.444 χ^2/NDF : 139714.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

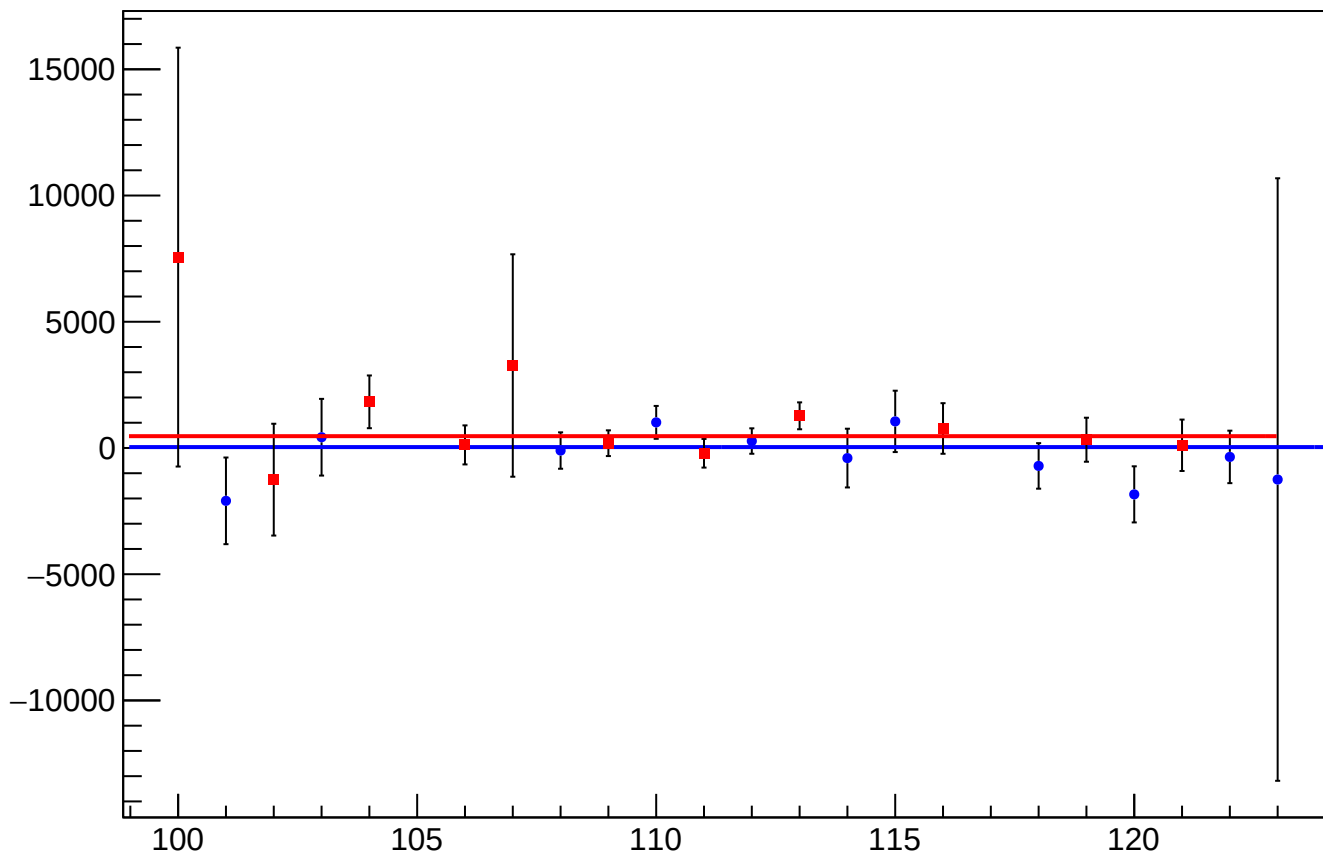
Right: 1309.101+/-0.323 χ^2/NDF : 675098.2/21

In: 1307.950+/-0.471 χ^2/NDF : 535372.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.101+/-0.323 χ^2/NDF : 675098.2/21

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 35.519+/-273.338 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 467.851+/-245.314 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

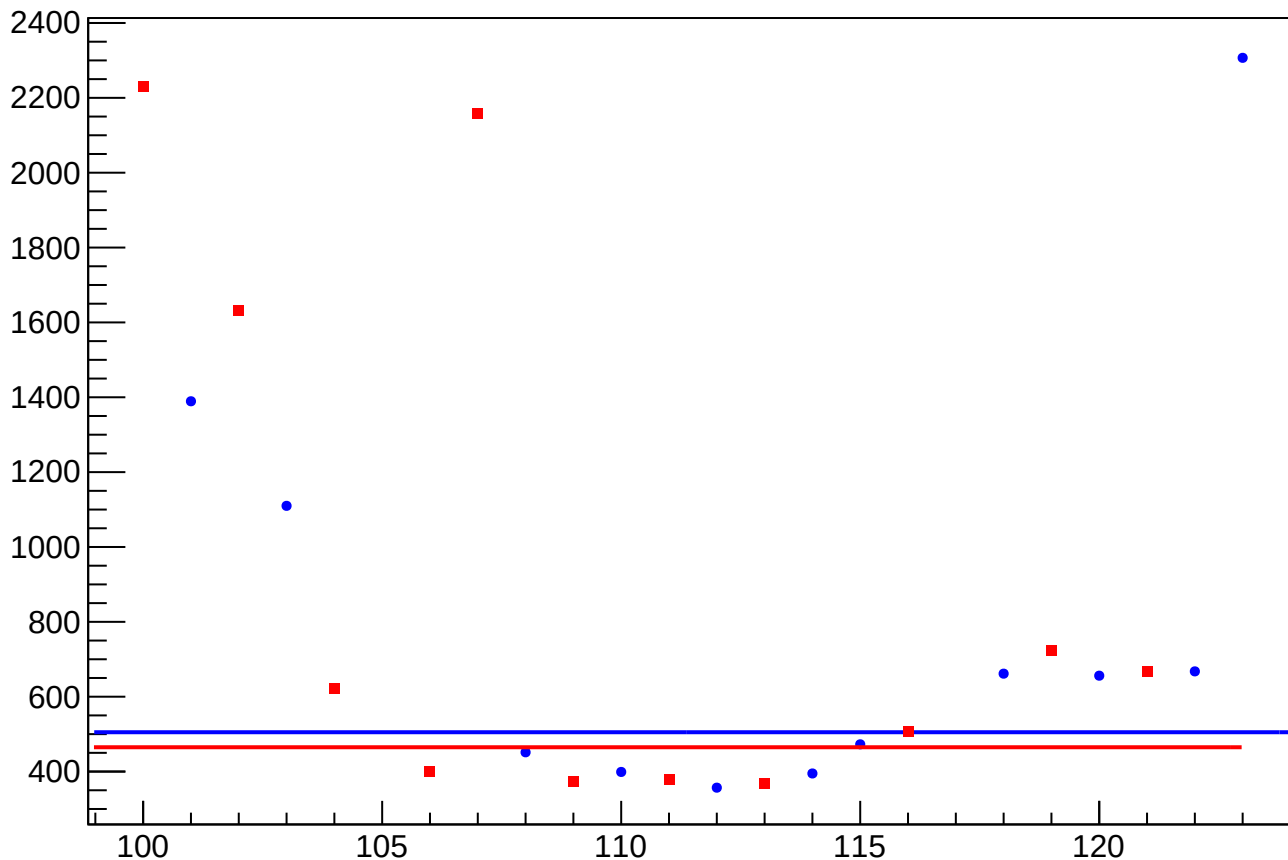
Right: 274.977+/-182.569 χ^2/NDF : 17.9/21

In: 35.519+/-273.338 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.977+/-182.569 χ^2/NDF : 17.9/21

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 505.064+/-0.193 χ^2/NDF : 1296121.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.944+/-0.173 χ^2/NDF : 1436827.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

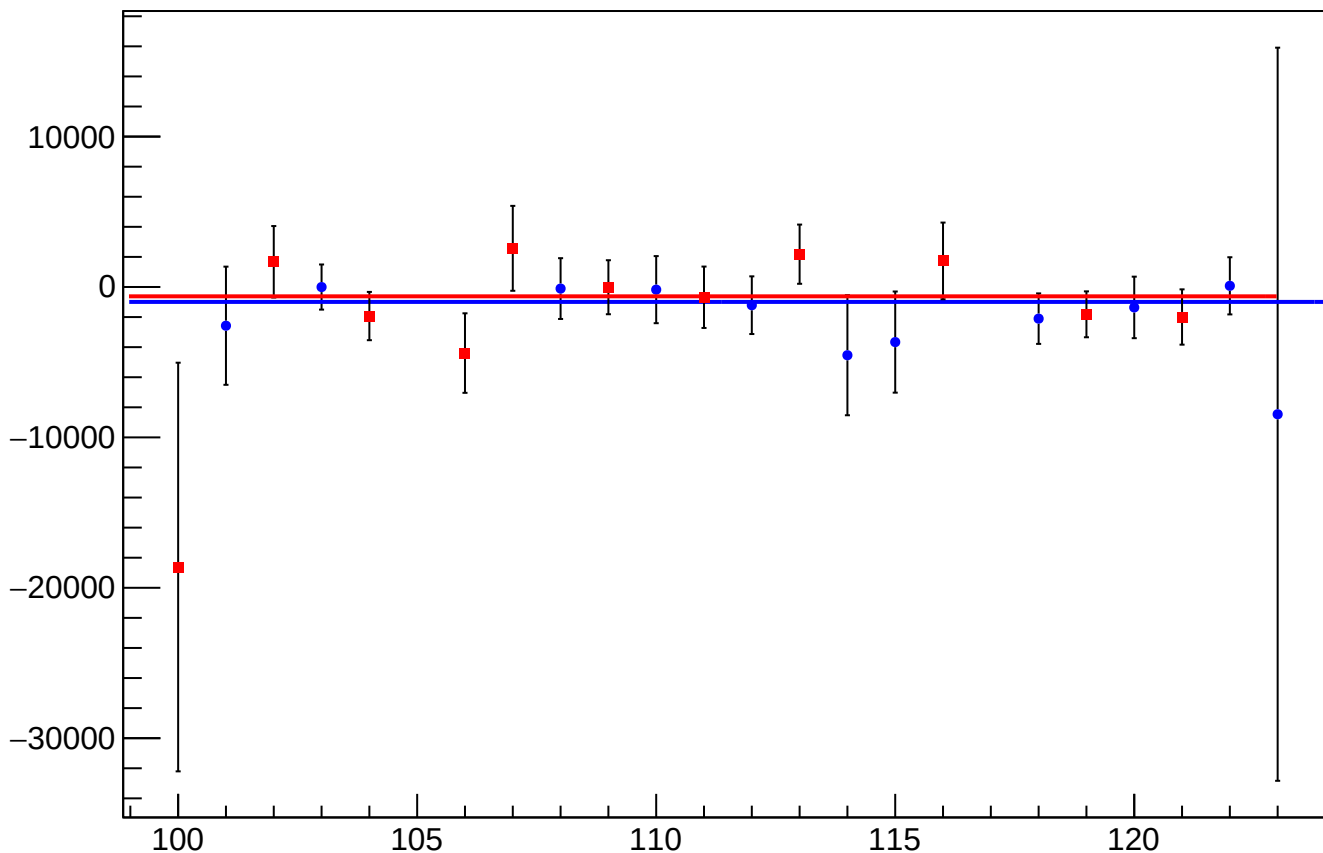
Right: 482.843+/-0.129 χ^2/NDF : 2756813.9/21

In: 505.064+/-0.193 χ^2/NDF : 1296121.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.843+/-0.129 χ^2/NDF : 2756813.9/21

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -991.792+/-666.592 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -621.126+/-629.069 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

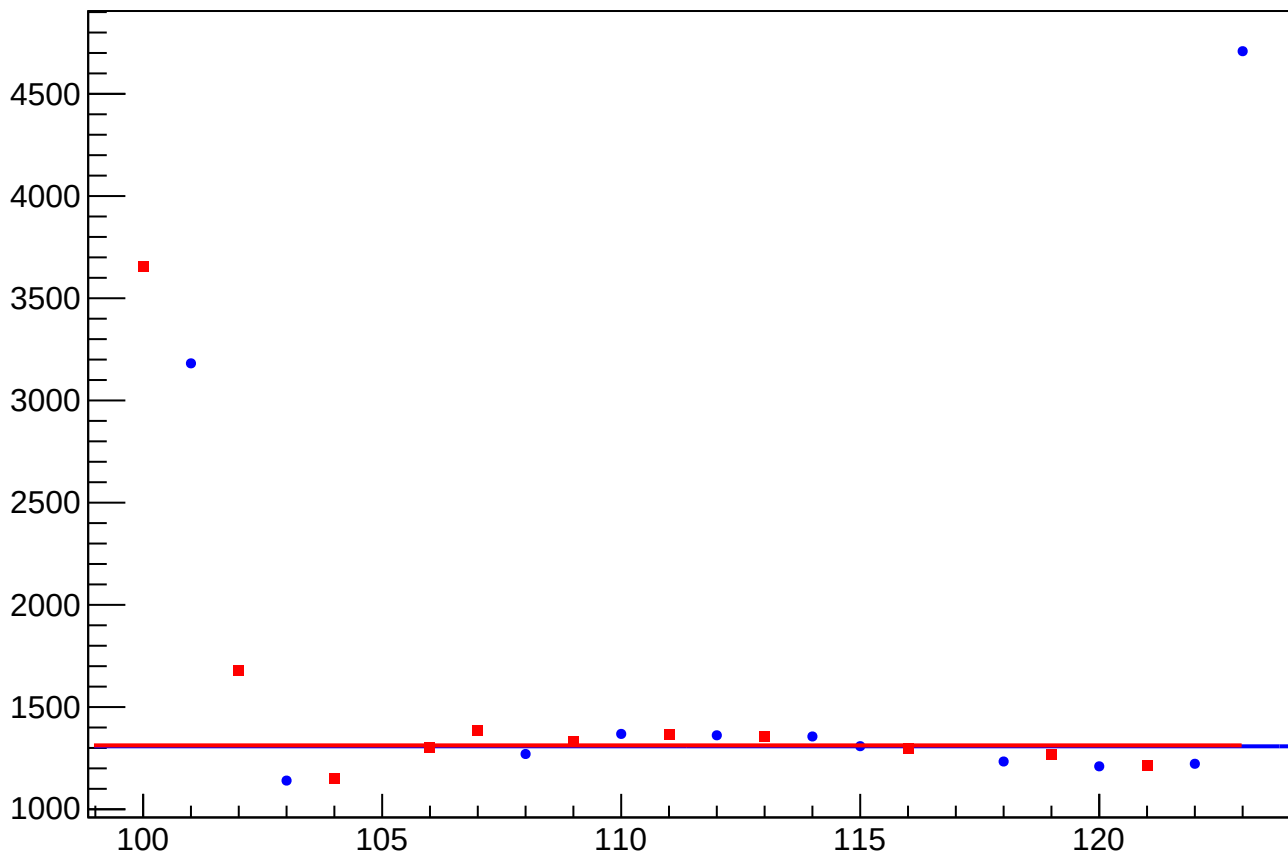
Right: -795.733+/-457.509 χ^2/NDF : 14.2/21

In: -991.792+/-666.592 χ^2/NDF : 3.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -795.733+/-457.509 χ^2/NDF : 14.2/21

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.601+/-0.445 χ^2/NDF : 139027.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

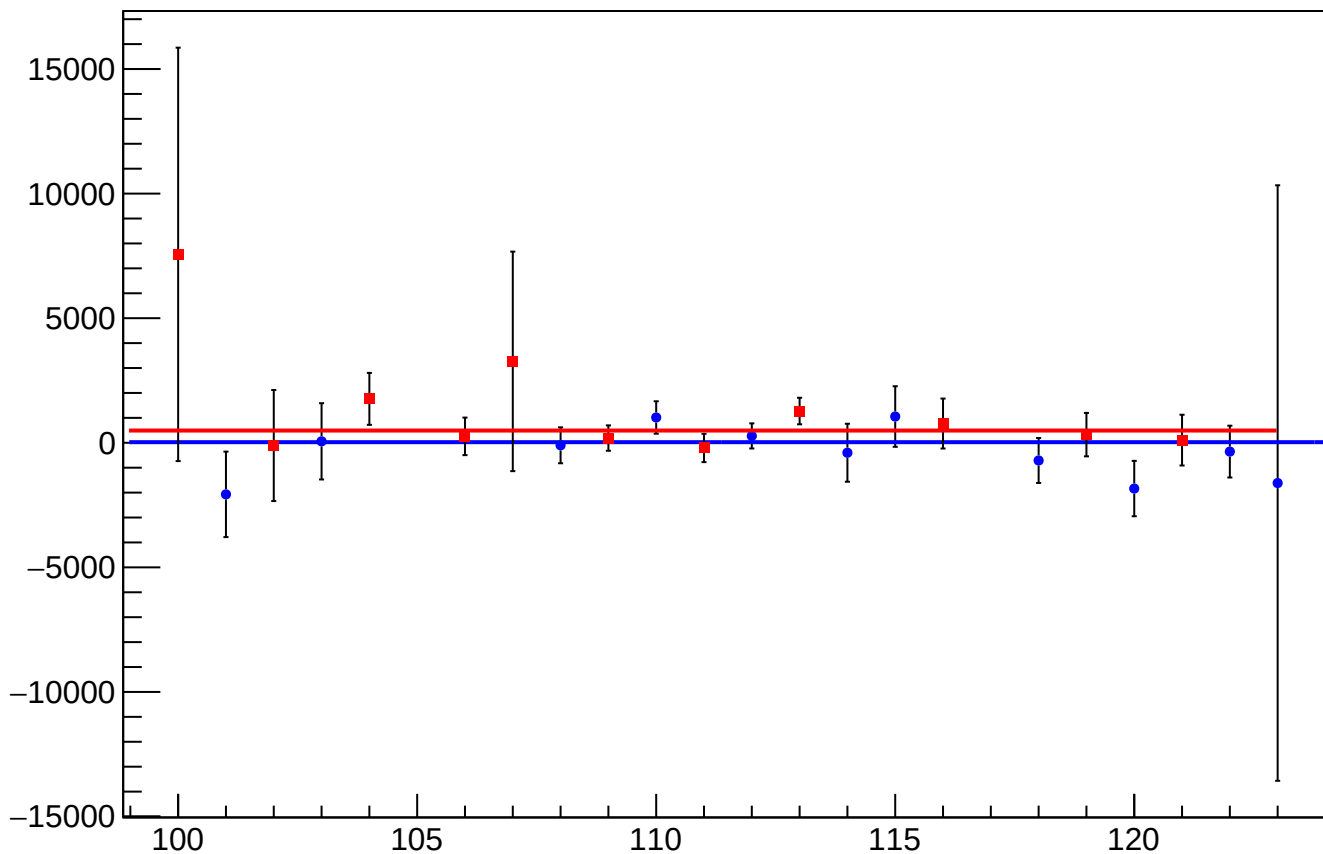
Right: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.793+/-244.659 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

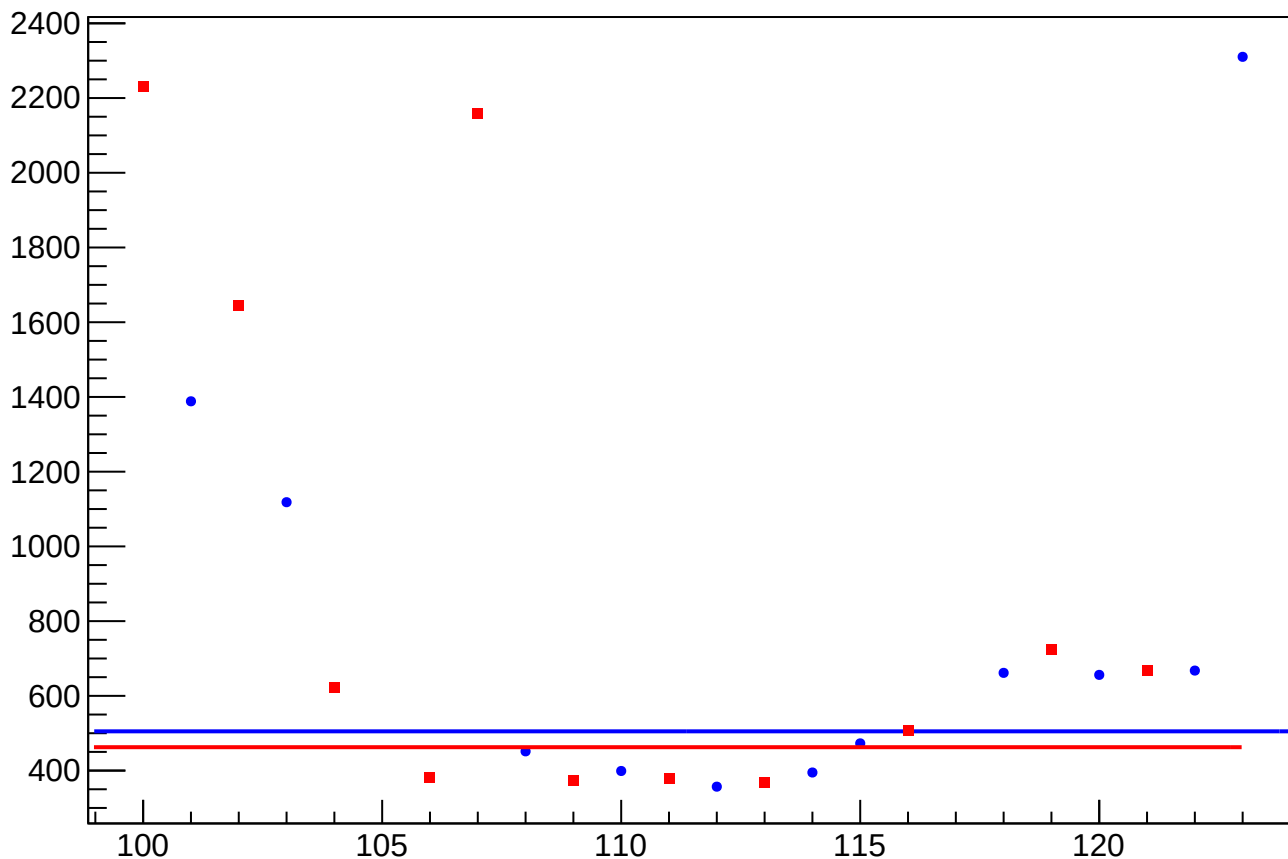
Right: 283.193+/-182.317 χ^2/NDF : 17.2/21

In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.193+/-182.317 χ^2/NDF : 17.2/21

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.602+/-0.173 χ^2/NDF : 1453972.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

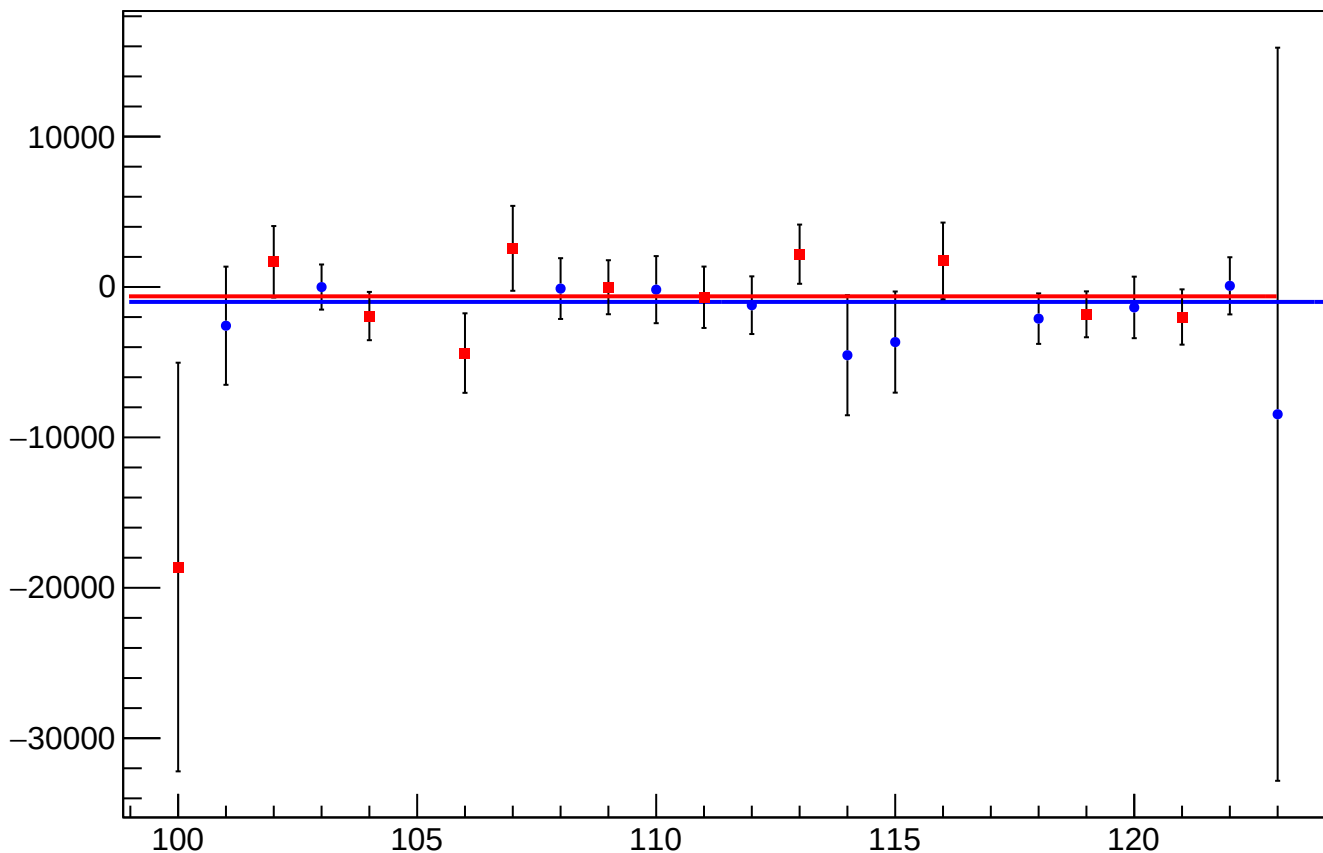
Right: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -991.792+/-666.592 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -621.126+/-629.069 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

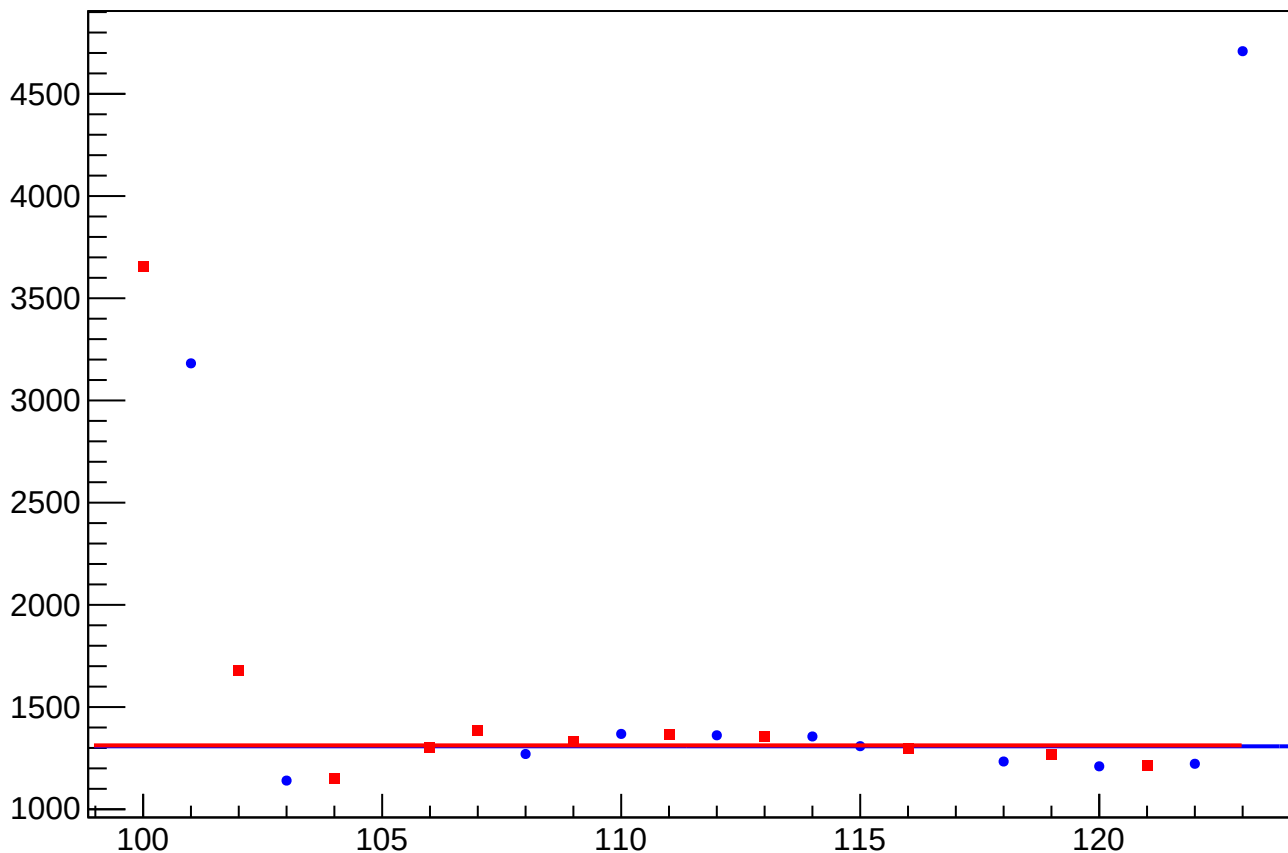
Right: -795.733+/-457.509 χ^2/NDF : 14.2/21

In: -991.792+/-666.592 χ^2/NDF :3.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -795.733+/-457.509 χ^2/NDF : 14.2/21

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.601+/-0.445 χ^2/NDF : 139027.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

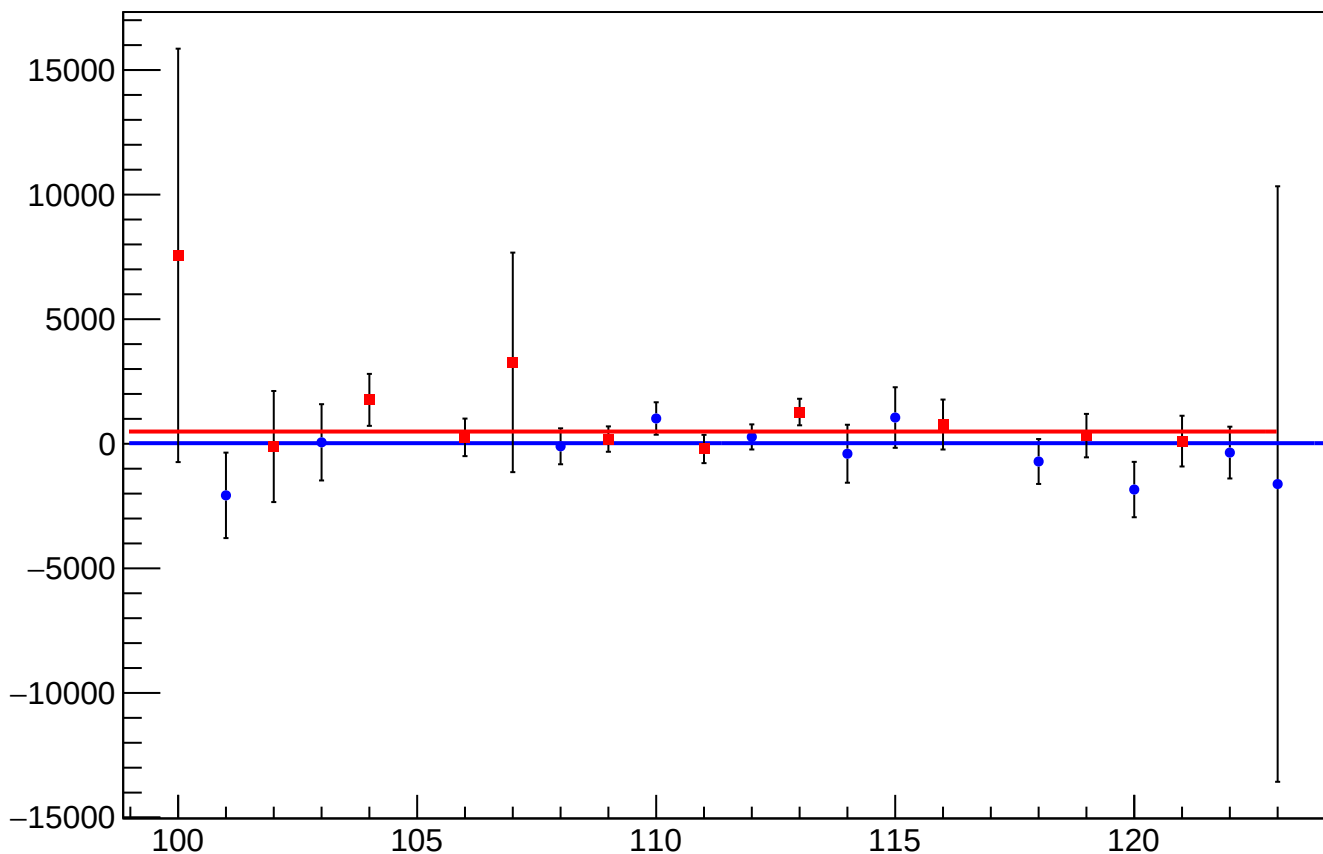
Right: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.793+/-244.659 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

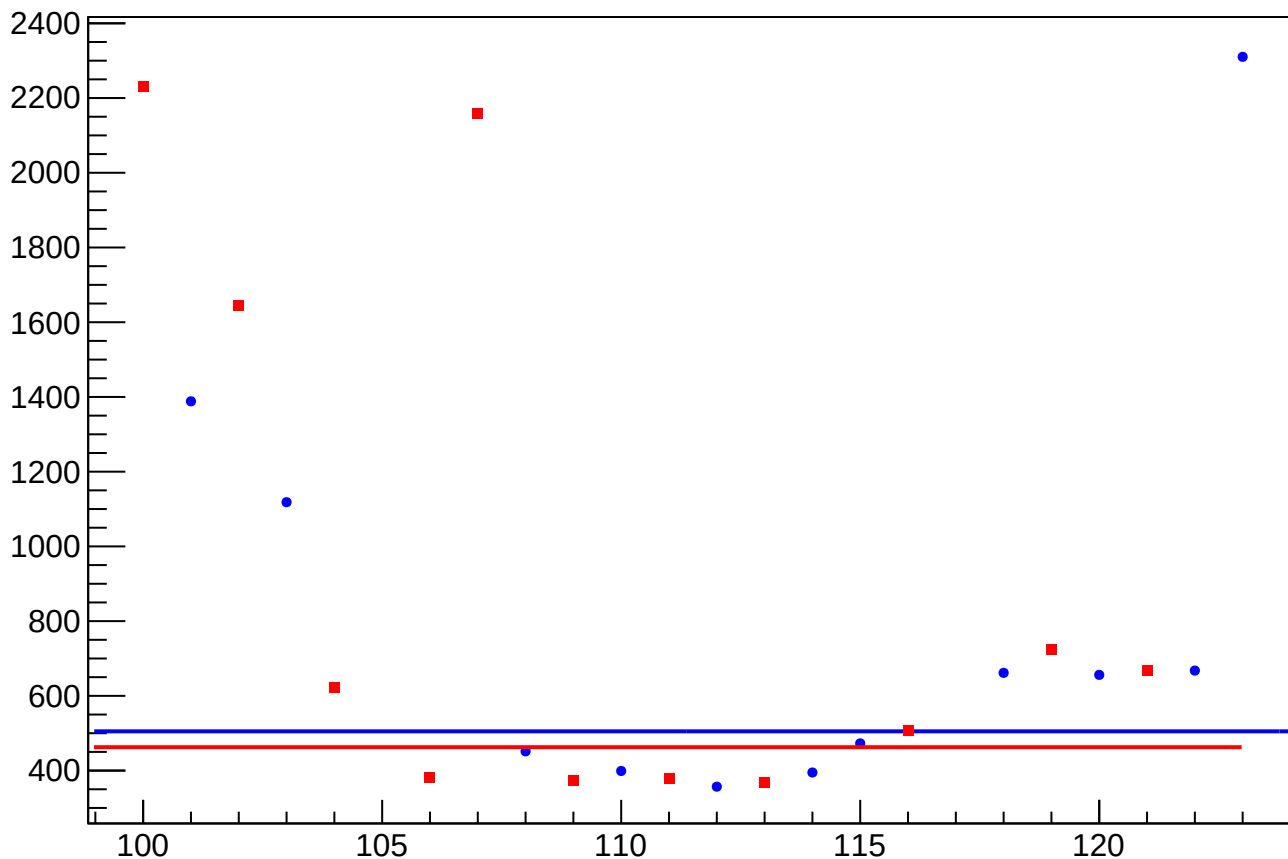
Right: 283.193+/-182.317 χ^2/NDF : 17.2/21

In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.193+/-182.317 χ^2/NDF : 17.2/21

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.602+/-0.173 χ^2/NDF : 1453972.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

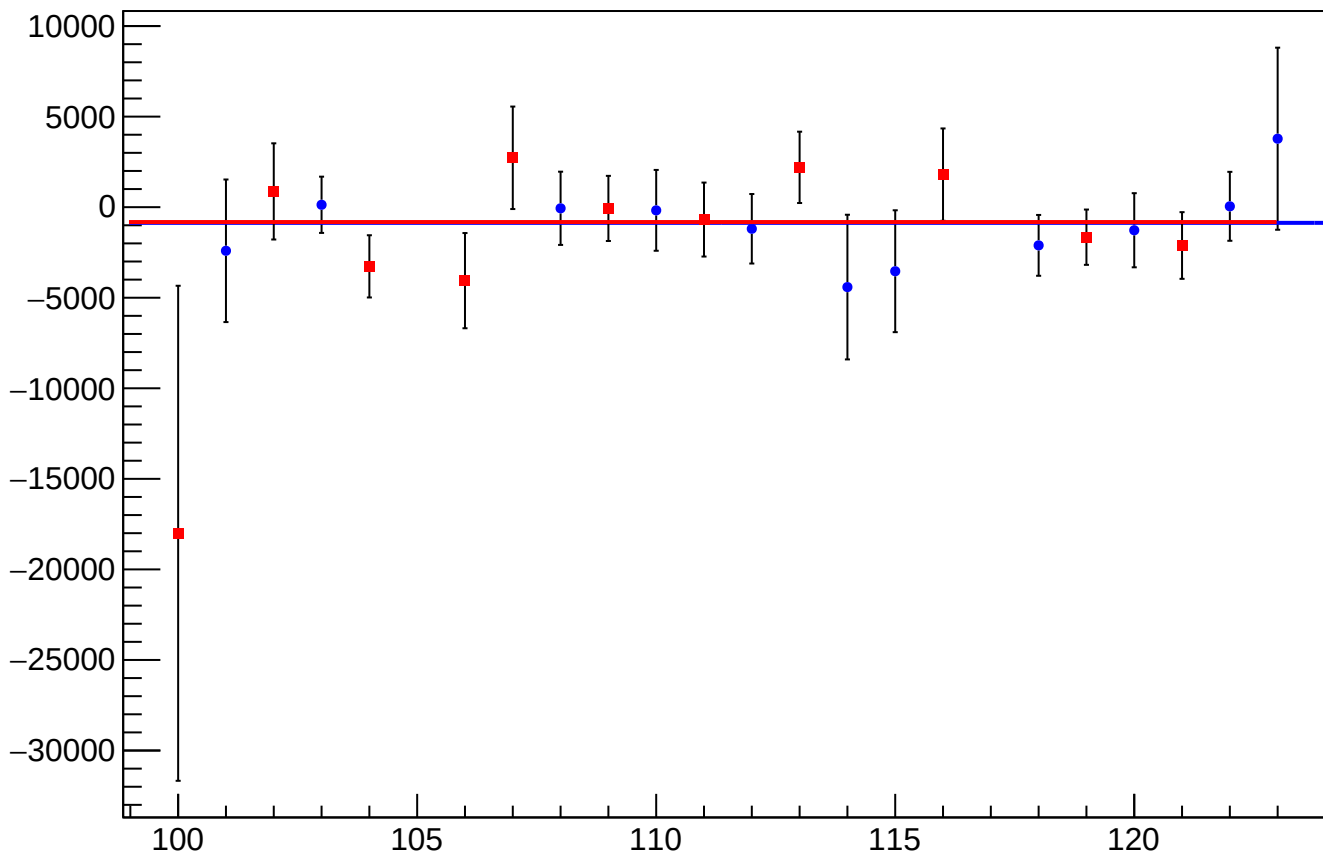
Right: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -865.741+/-665.756 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -821.149+/-640.110 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

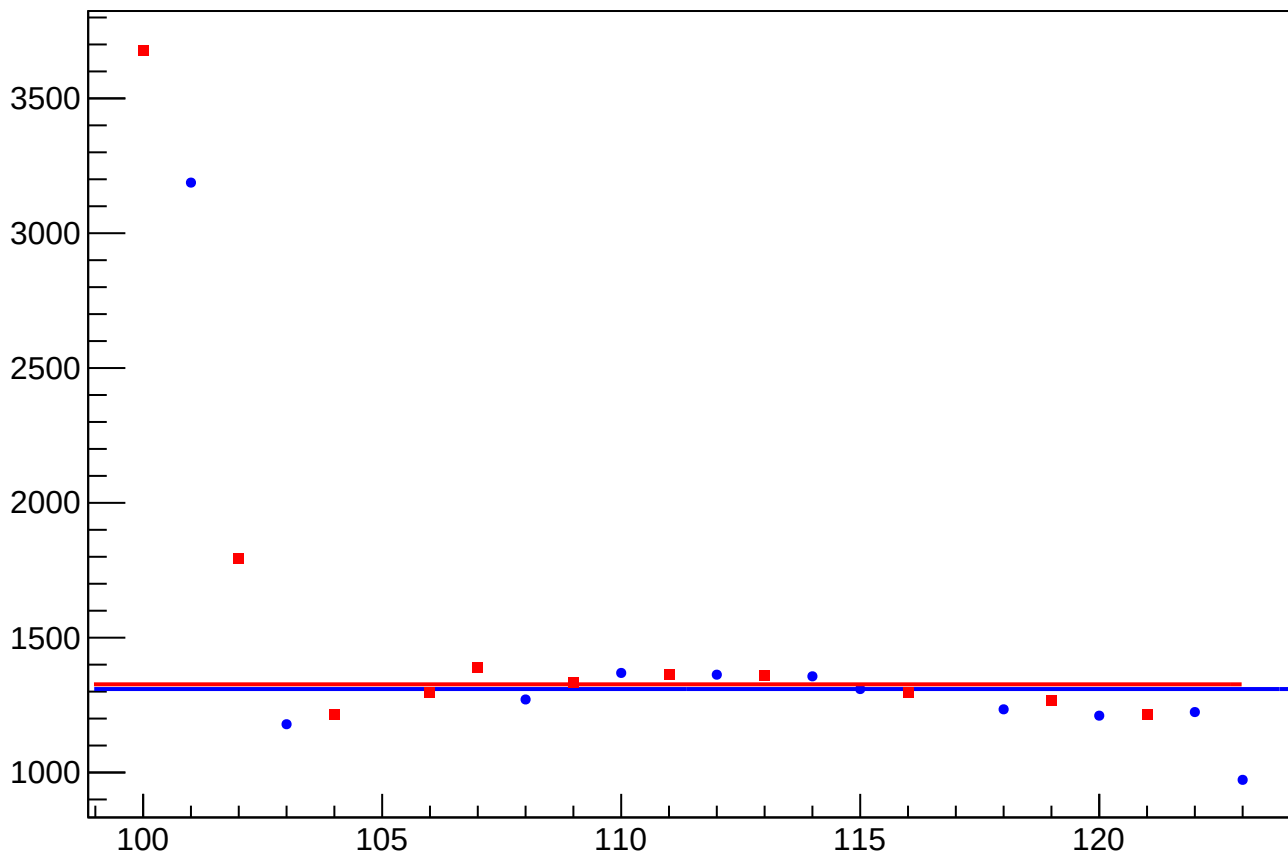
Right: -842.569+/-461.426 χ^2/NDF : 15.4/21

In: -865.741+/-665.756 χ^2/NDF :3.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -842.569+/-461.426 χ^2/NDF : 15.4/21

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1309.496+/-0.471 χ^2/NDF : 495105.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.980+/-0.453 χ^2/NDF : 143207.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

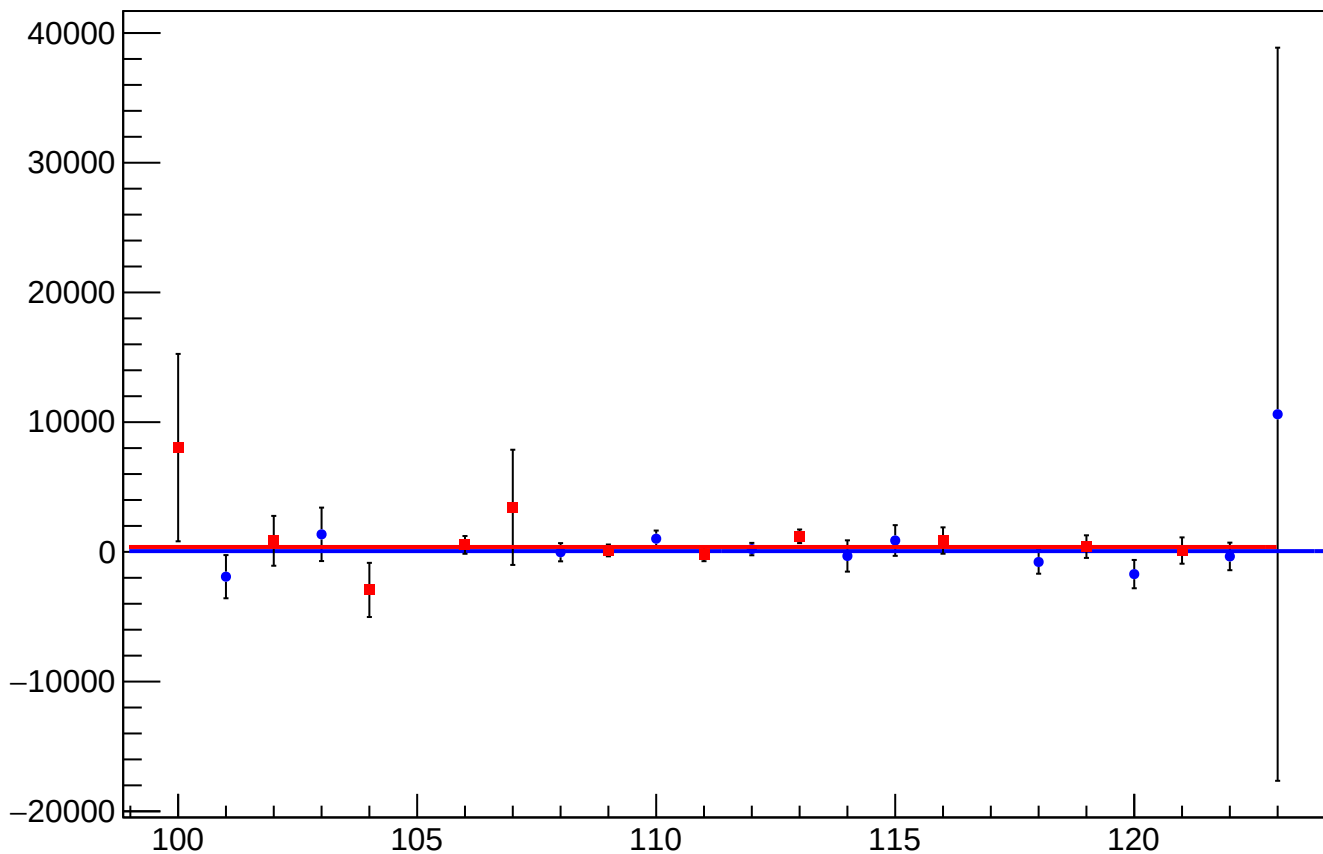
Right: 1318.581+/-0.326 χ^2/NDF : 639029.7/21

In: 1309.496+/-0.471 χ^2/NDF : 495105.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1318.581+/-0.326 χ^2/NDF : 639029.7/21

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 57.536 $\pm$ 268.351 χ^2/NDF : 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 377.725 $\pm$ 236.201 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

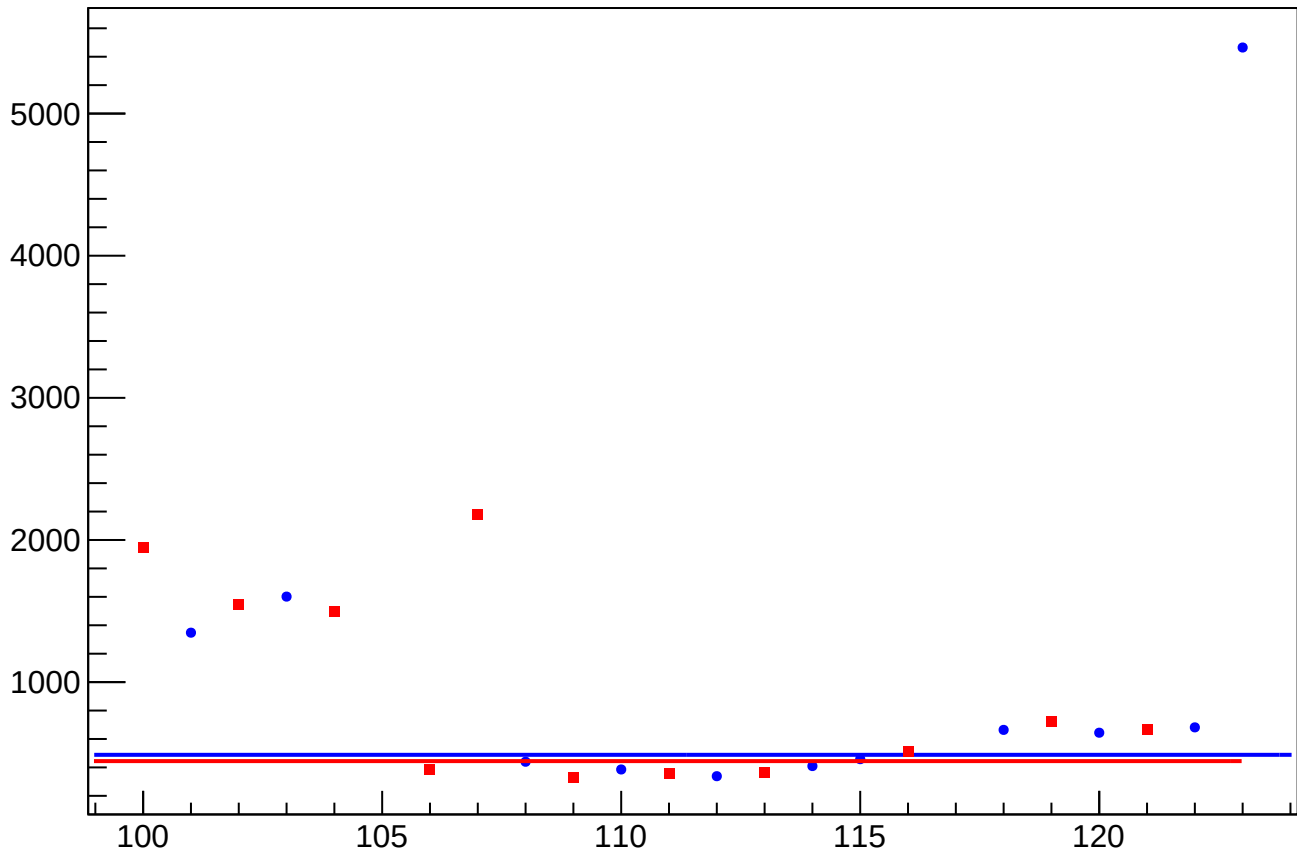
Right: 237.951 $\pm$ 177.302 χ^2/NDF : 17.8/21

In: 57.536 $\pm$ 268.351 χ^2/NDF : 8.6/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 237.951 $\pm$ 177.302 χ^2/NDF : 17.8/21

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 488.554+/-0.190 χ^2/NDF : 1631914.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.330+/-0.167 χ^2/NDF : 2114360.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

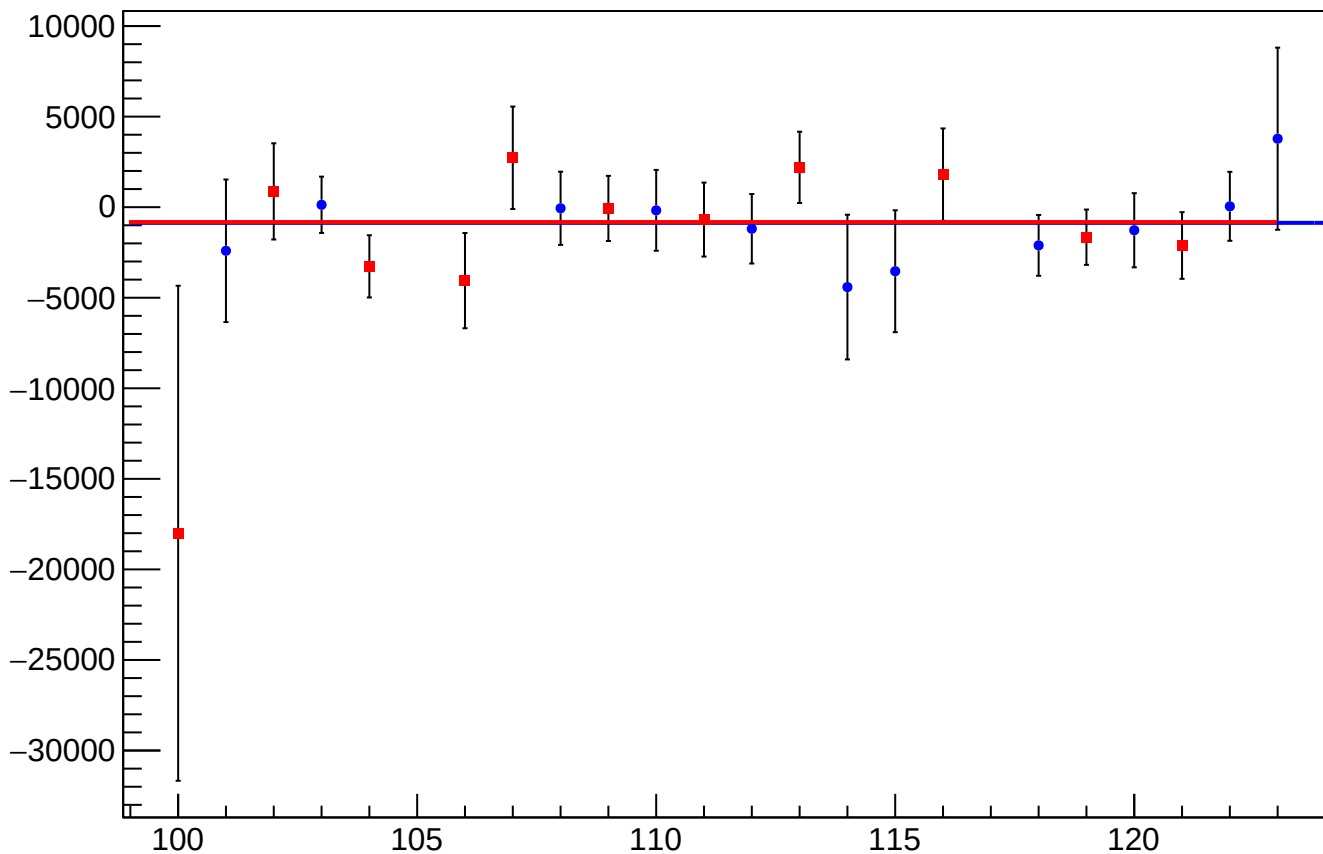
Right: 463.635+/-0.125 χ^2/NDF : 3776881.0/21

In: 488.554+/-0.190 χ^2/NDF : 1631914.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.635+/-0.125 χ^2/NDF : 3776881.0/21

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -865.739+/-665.756 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -821.149+/-640.110 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

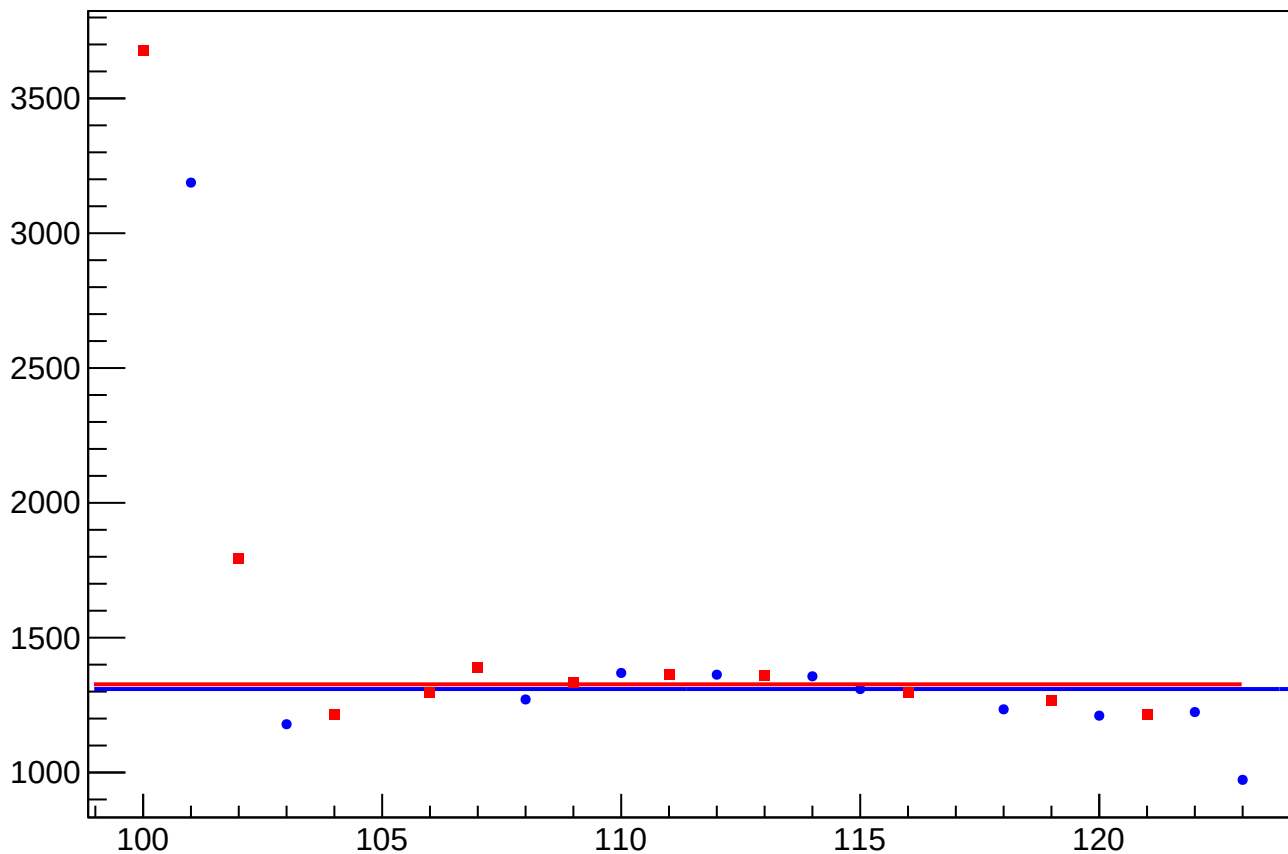
Right: -842.569+/-461.426 χ^2/NDF : 15.4/21

In: -865.739+/-665.756 χ^2/NDF :3.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -842.569+/-461.426 χ^2/NDF : 15.4/21

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1309.496+/-0.471 χ^2/NDF : 495105.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.980+/-0.453 χ^2/NDF : 143207.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

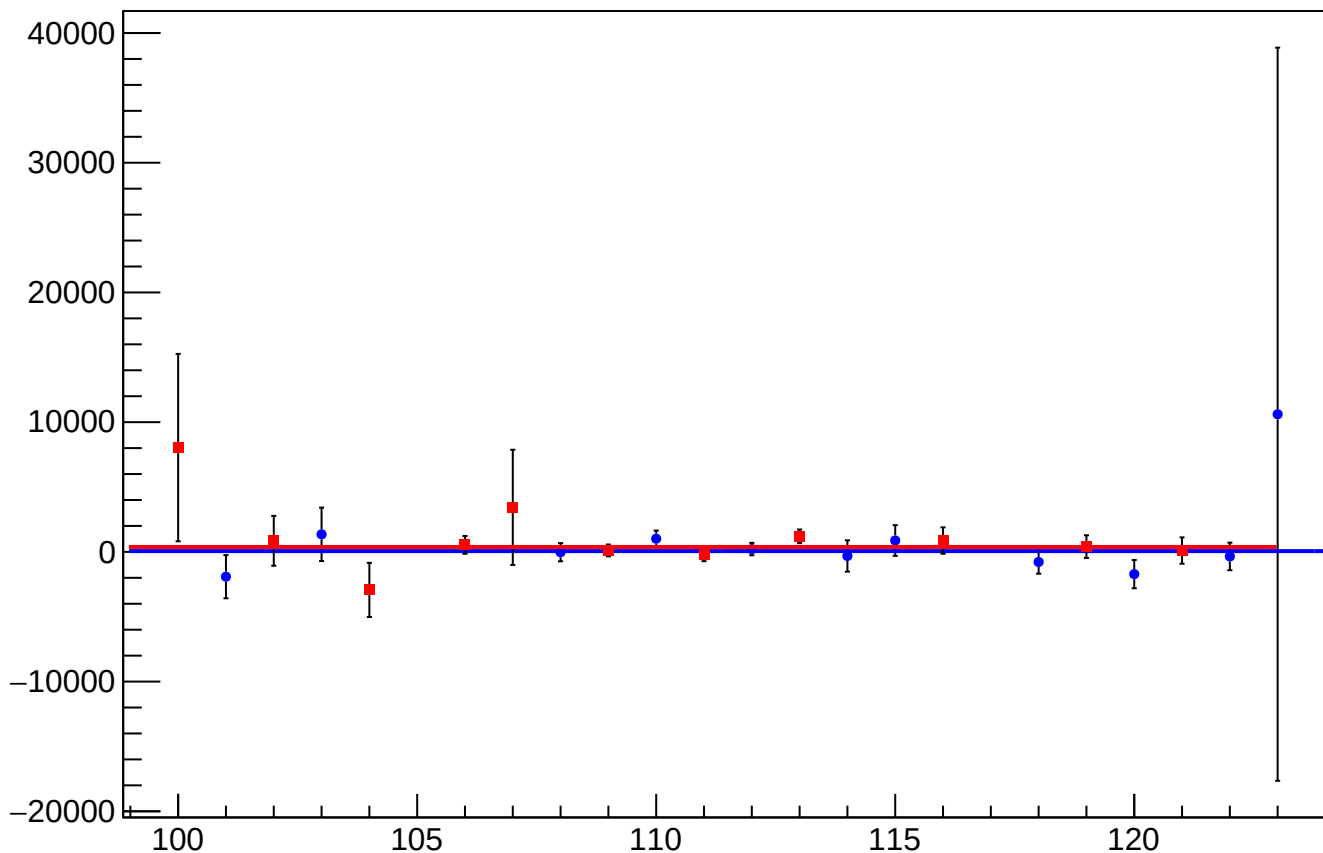
Right: 1318.581+/-0.326 χ^2/NDF : 639029.7/21

In: 1309.496+/-0.471 χ^2/NDF : 495105.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1318.581+/-0.326 χ^2/NDF : 639029.7/21

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 57.537+/-268.350 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.724+/-236.200 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

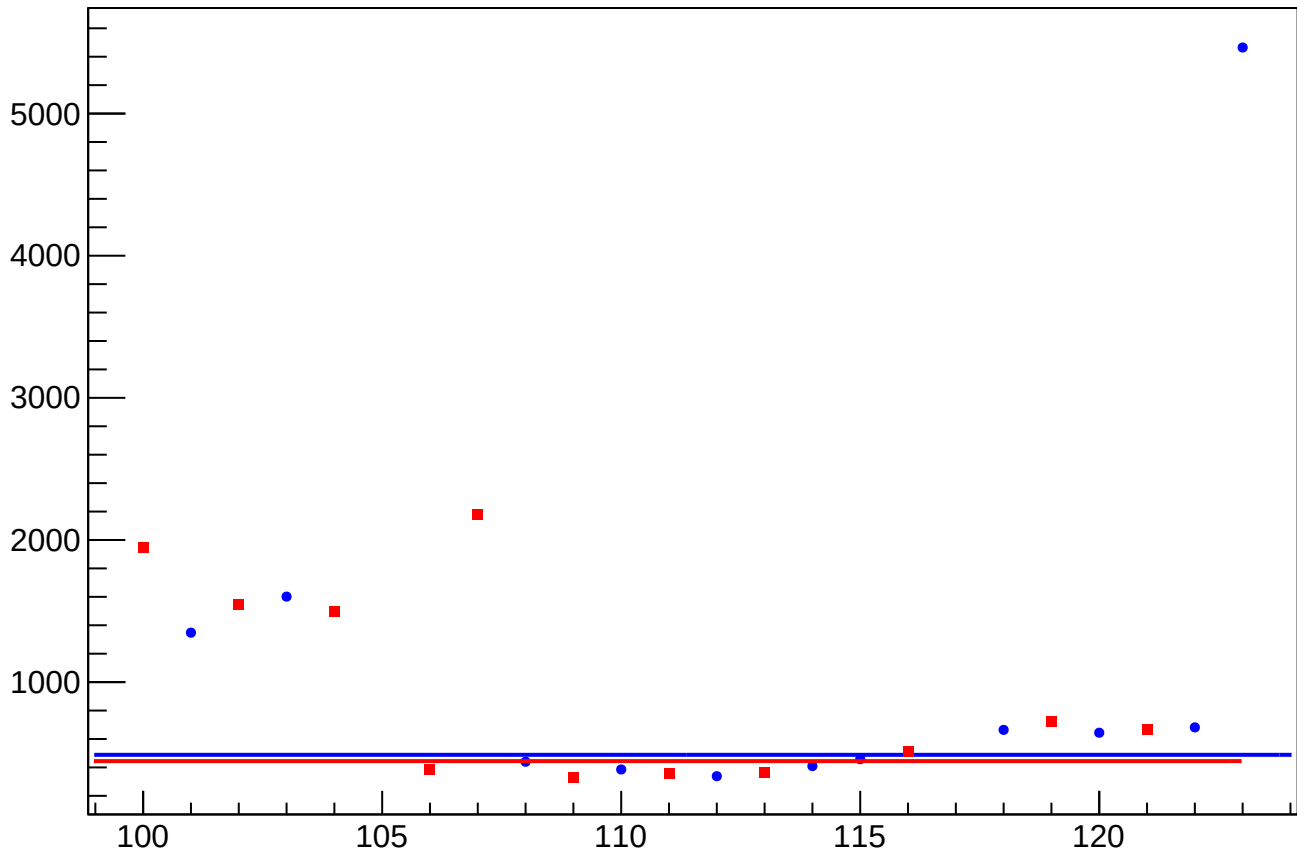
Right: 237.950+/-177.302 χ^2/NDF : 17.8/21

In: 57.537+/-268.350 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.950+/-177.302 χ^2/NDF : 17.8/21

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 488.551+/-0.190 χ^2/NDF : 1631920.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.328+/-0.167 χ^2/NDF : 2114368.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

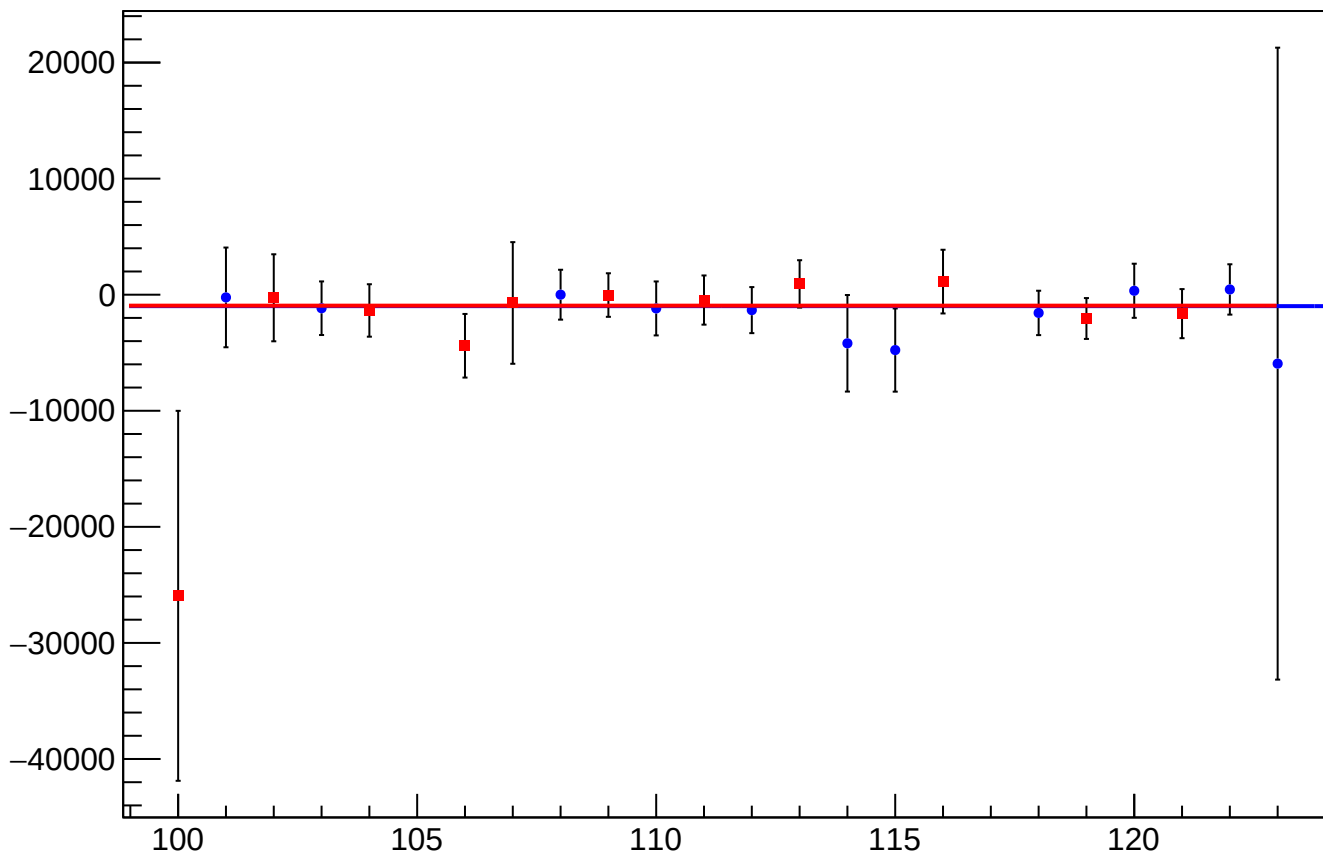
Right: 463.633+/-0.125 χ^2/NDF : 3776893.3/21

In: 488.551+/-0.190 χ^2/NDF : 1631920.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.633+/-0.125 χ^2/NDF : 3776893.3/21

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -985.104+/-765.896 χ^2/NDF : 2.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -944.319+/-731.923 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

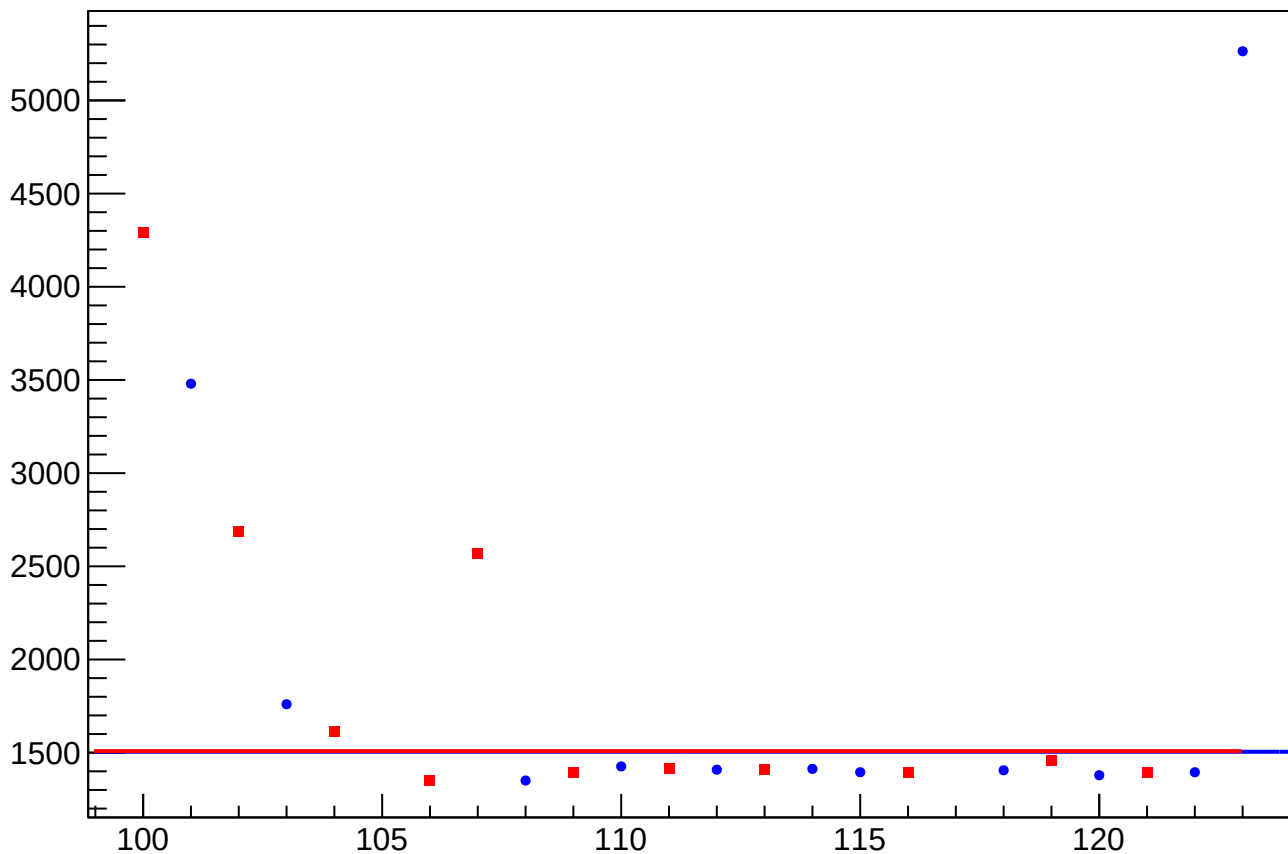
Right: -963.787+/-529.150 χ^2/NDF : 9.2/21

In: -985.104+/-765.896 χ^2/NDF : 2.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -963.787+/-529.150 χ^2/NDF : 9.2/21

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1504.935+/-0.542 χ^2/NDF : 521819.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.263+/-0.518 χ^2/NDF : 378020.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

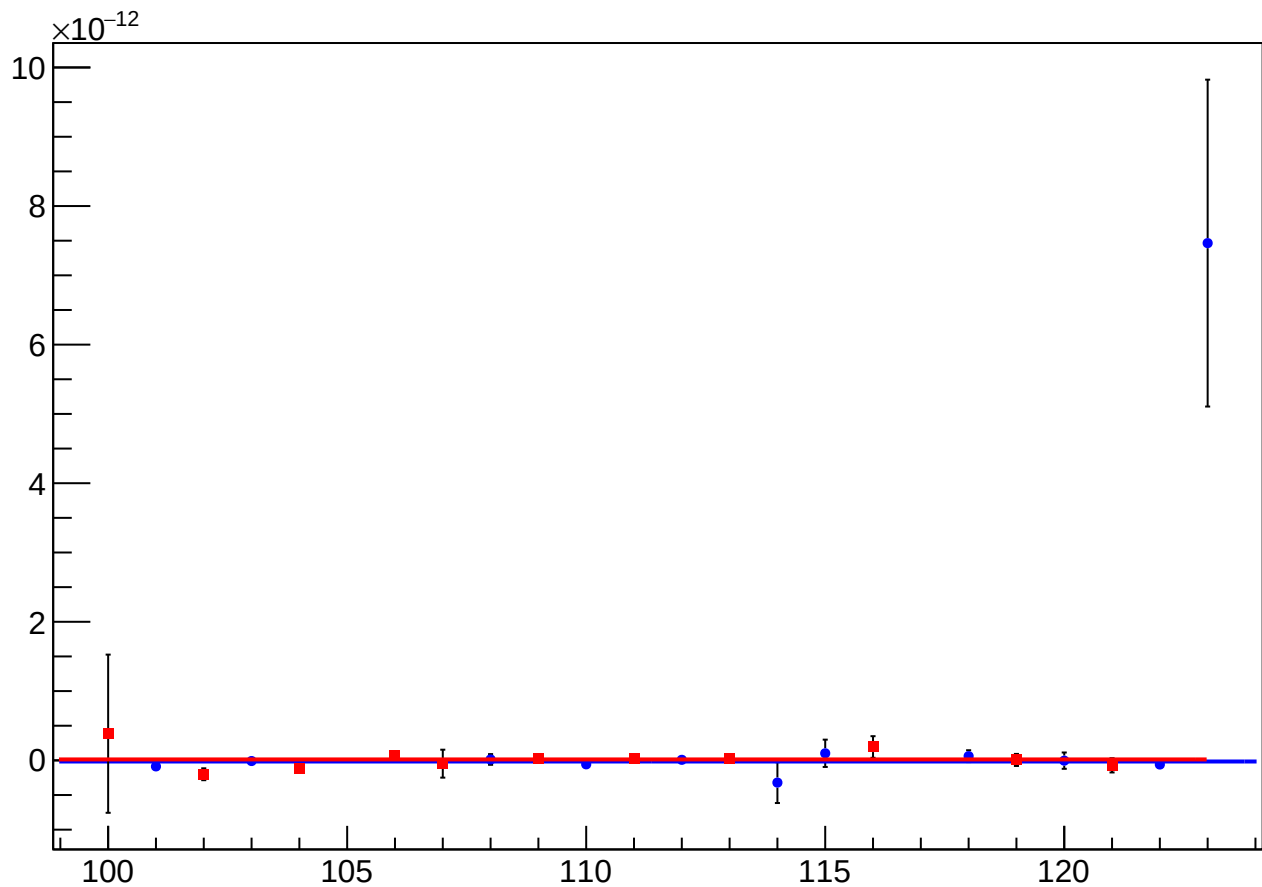
Right: 1506.675+/-0.374 χ^2/NDF : 899858.9/21

In: 1504.935+/-0.542 χ^2/NDF : 521819.1/10

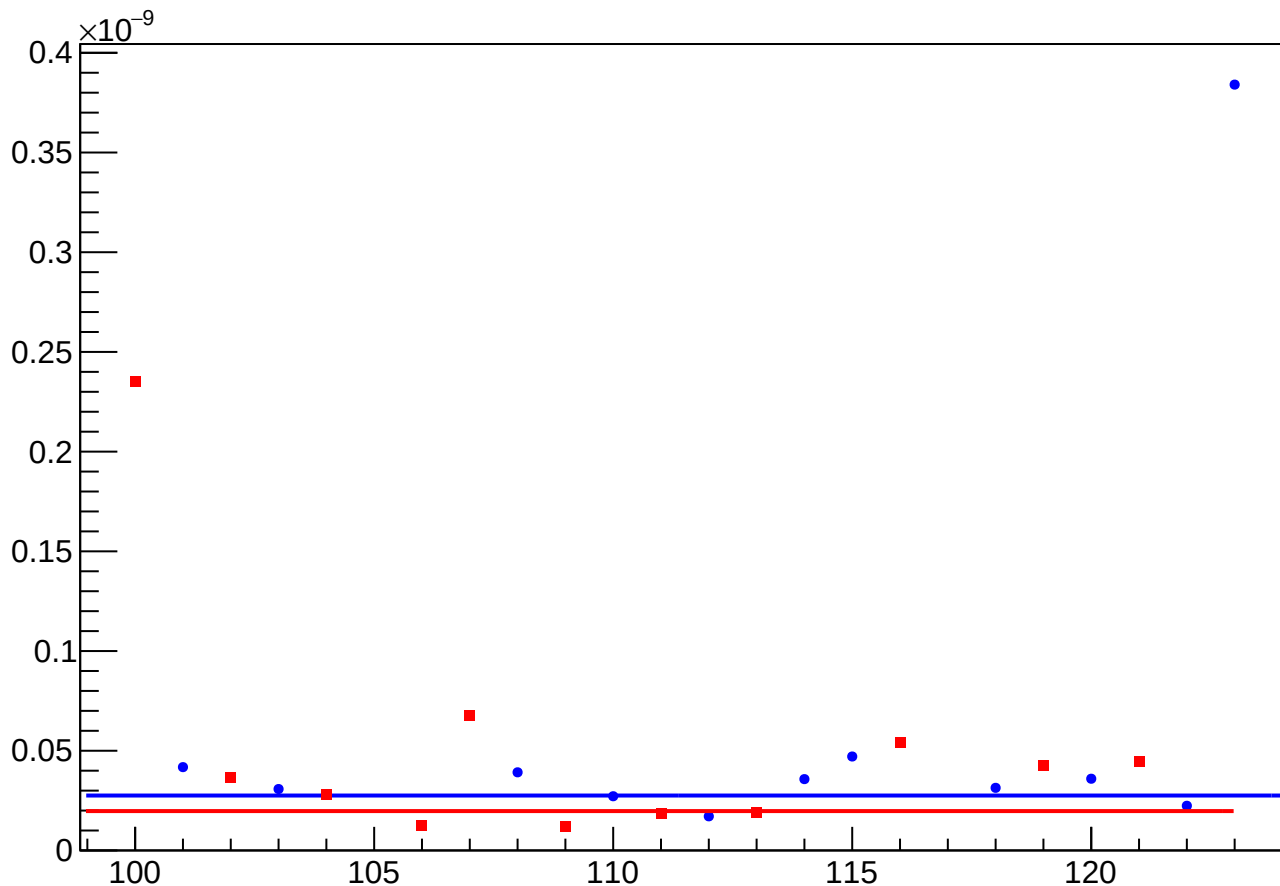
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.675+/-0.374 χ^2/NDF : 899858.9/21

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 361728.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 824507.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

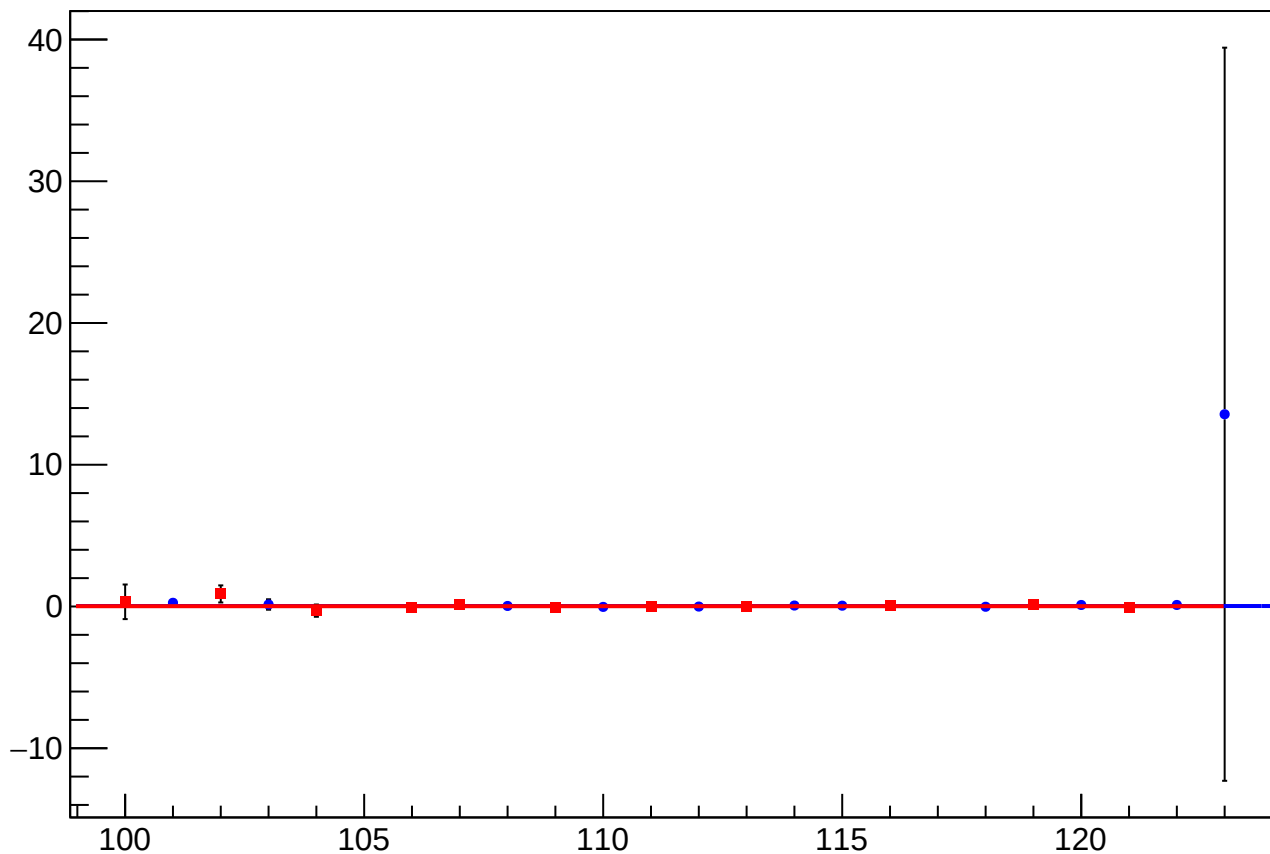
Right: 0.000+/-0.000 χ^2/NDF : 1338805.6/21

In: 0.000+/-0.000 χ^2/NDF : 361728.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1338805.6/21

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

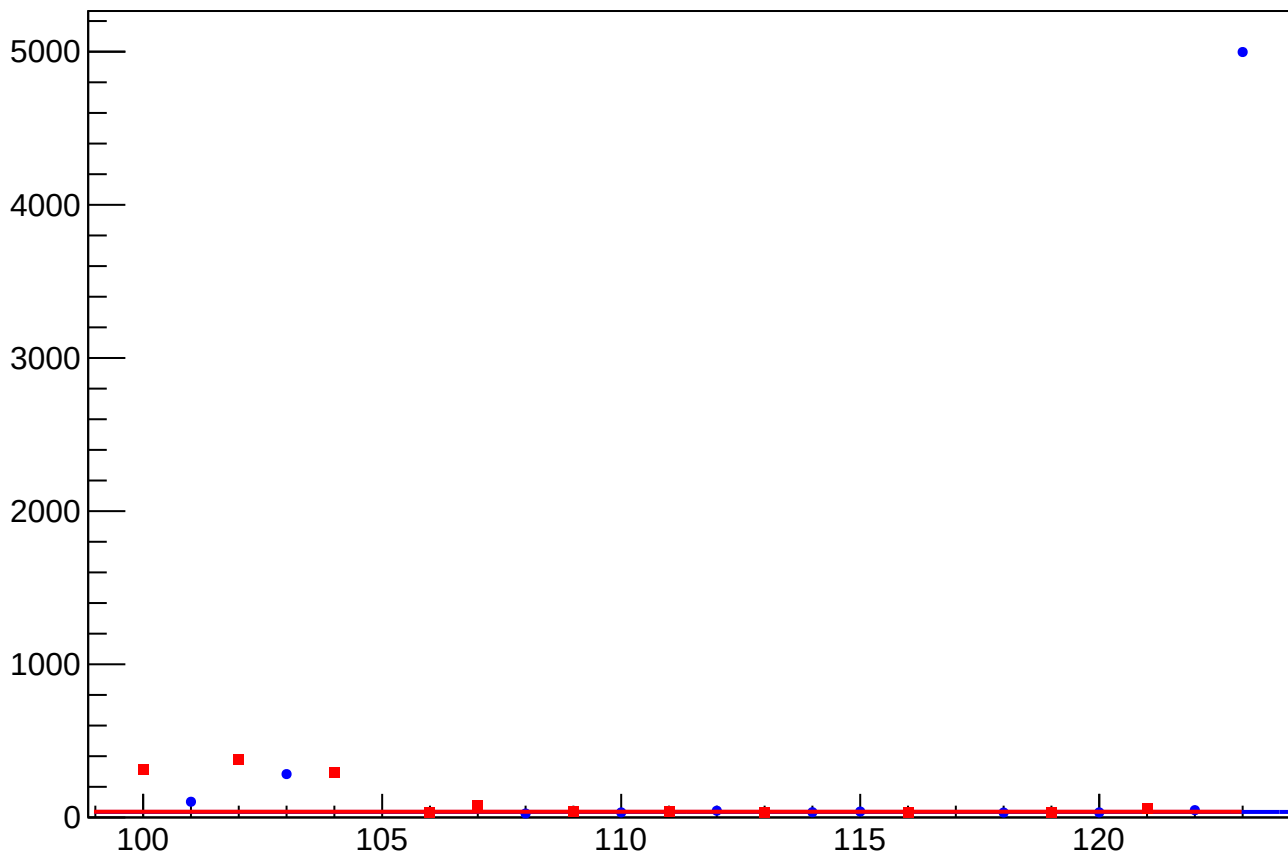
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.025+/-0.015 χ^2/NDF : 1663656.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.392+/-0.015 χ^2/NDF : 1753868.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

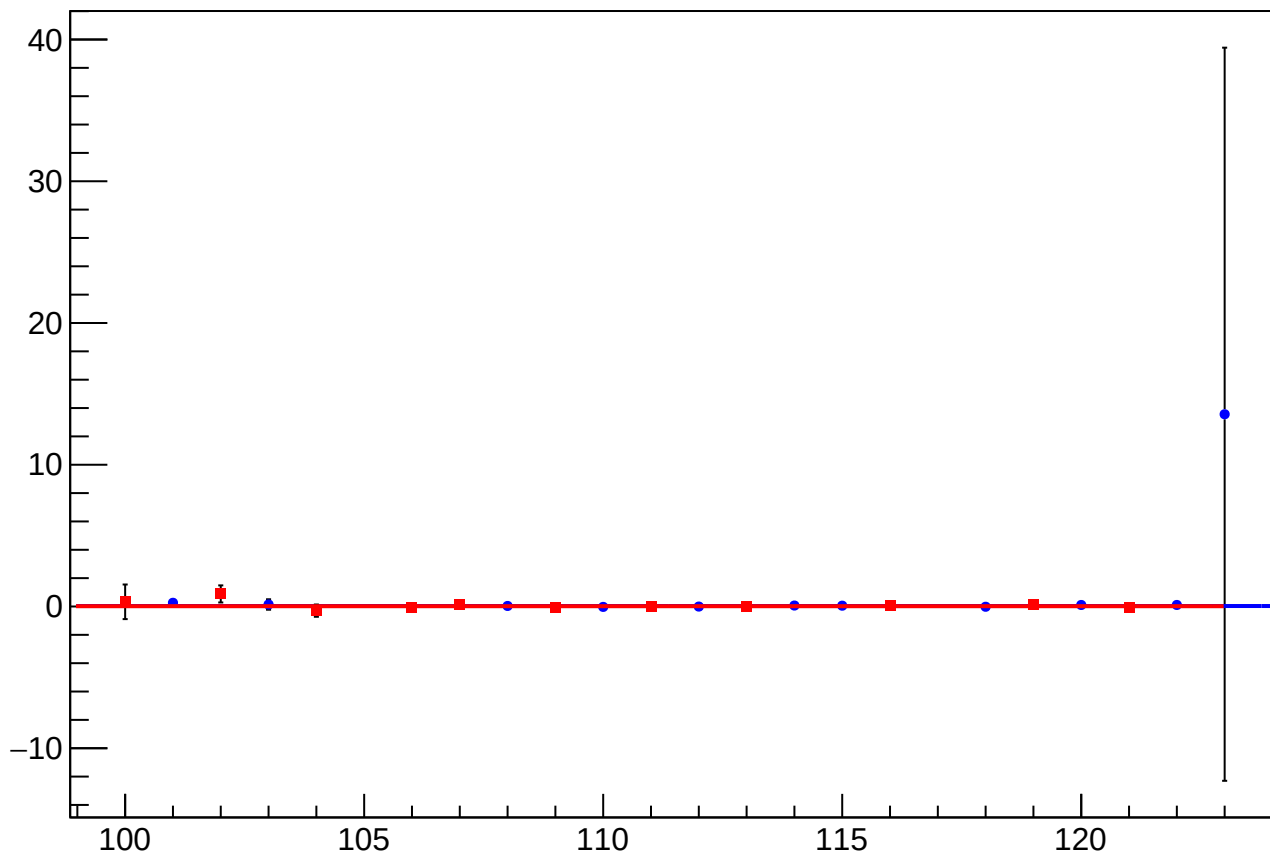
Right: 36.691+/-0.011 χ^2/NDF : 3421672.8/21

In: 36.025+/-0.015 χ^2/NDF : 1663656.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.691+/-0.011 χ^2/NDF : 3421672.8/21

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

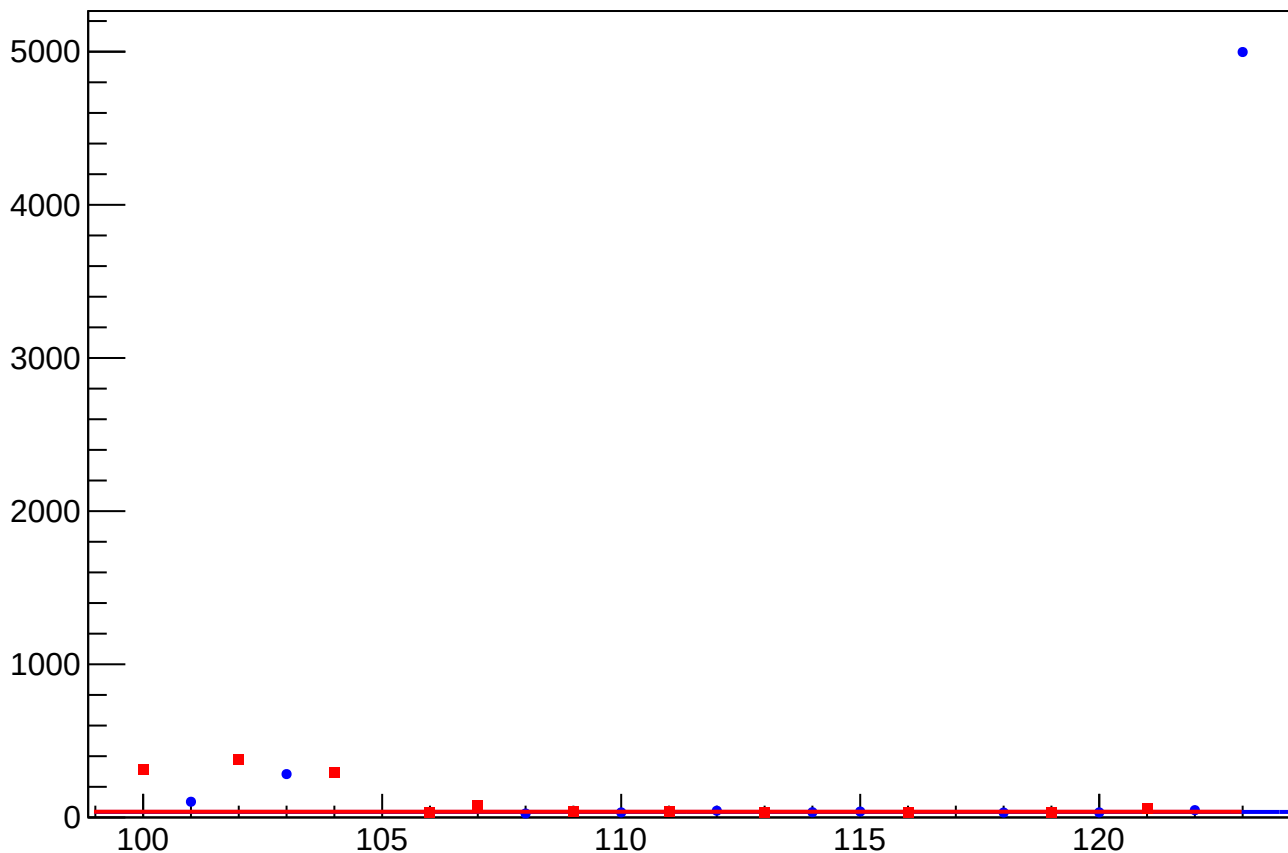
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.025 ± 0.015 $\chi^2/\text{NDF}: 1663656.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 37.392 ± 0.015 $\chi^2/\text{NDF}: 1753868.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

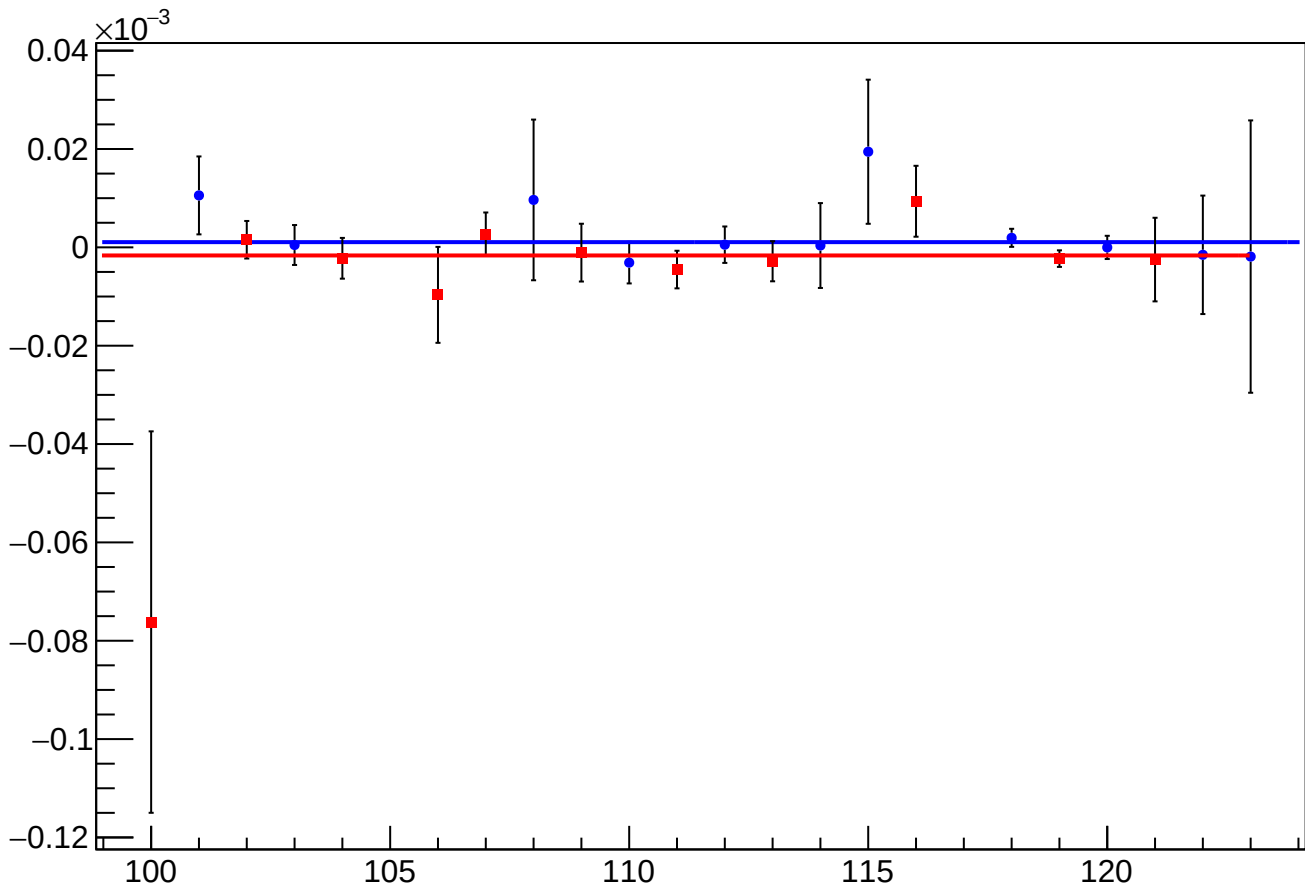
Right: 36.691 ± 0.011 $\chi^2/\text{NDF}: 3421672.8/21$

In: 36.025 ± 0.015 $\chi^2/\text{NDF}: 1663656.8/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 36.691 ± 0.011 $\chi^2/\text{NDF}: 3421672.8/21$

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 : 4.8/10

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

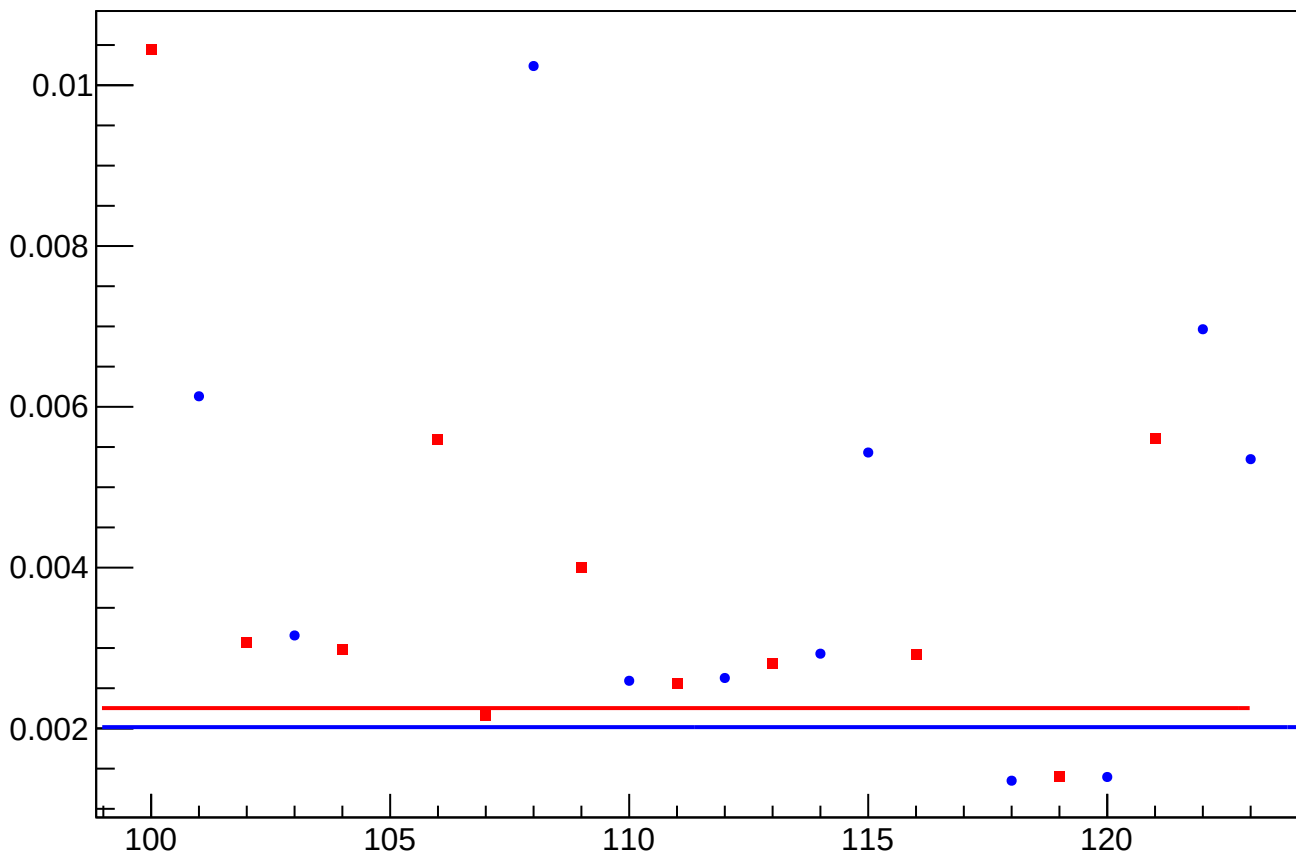
Right: -0.000+/-0.000 χ^2/NDF : 16.7/21

In: 0.000+/-0.000 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/21

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 : 2194548.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1540186.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

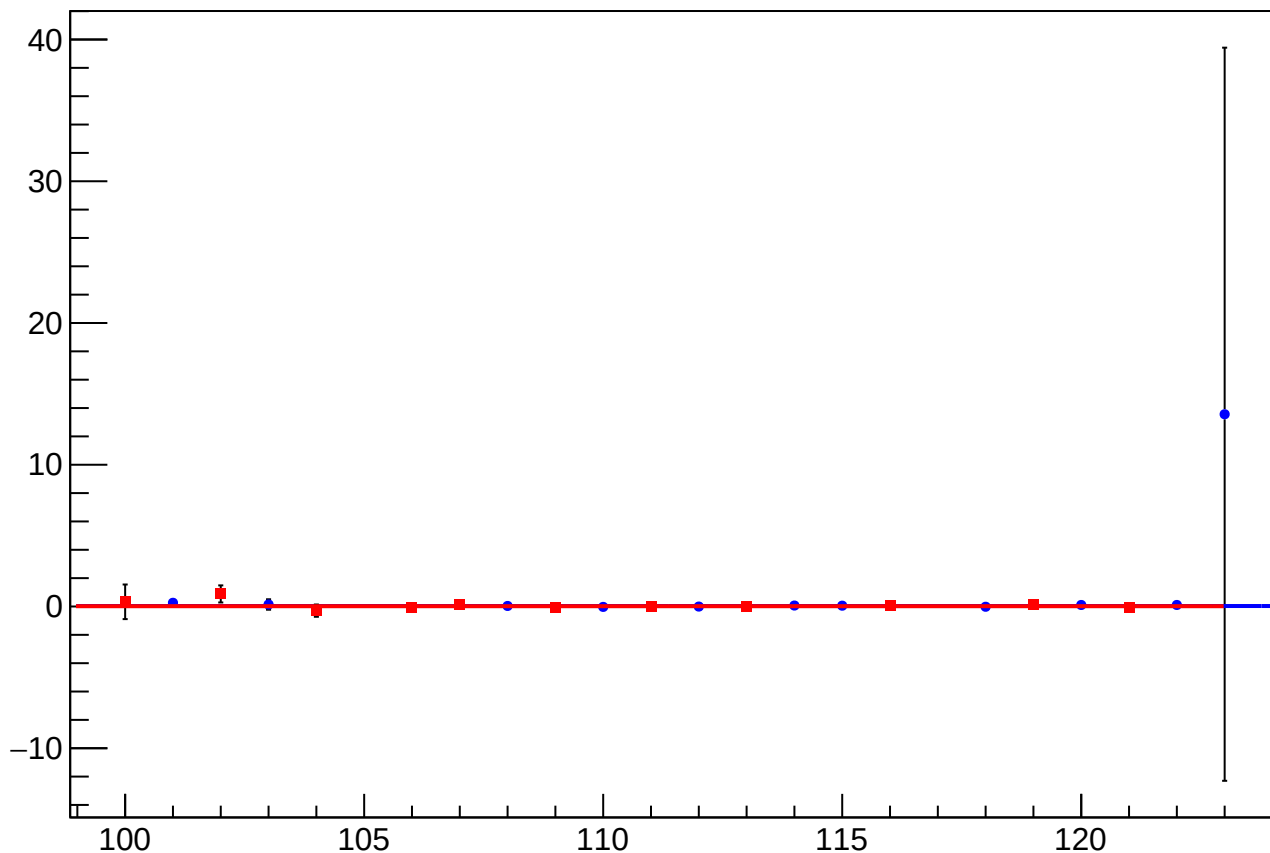
Right: 0.002+/-0.000 χ^2/NDF : 3775199.9/21

In: 0.002+/-0.000 χ^2/NDF : 2194548.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3775199.9/21

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

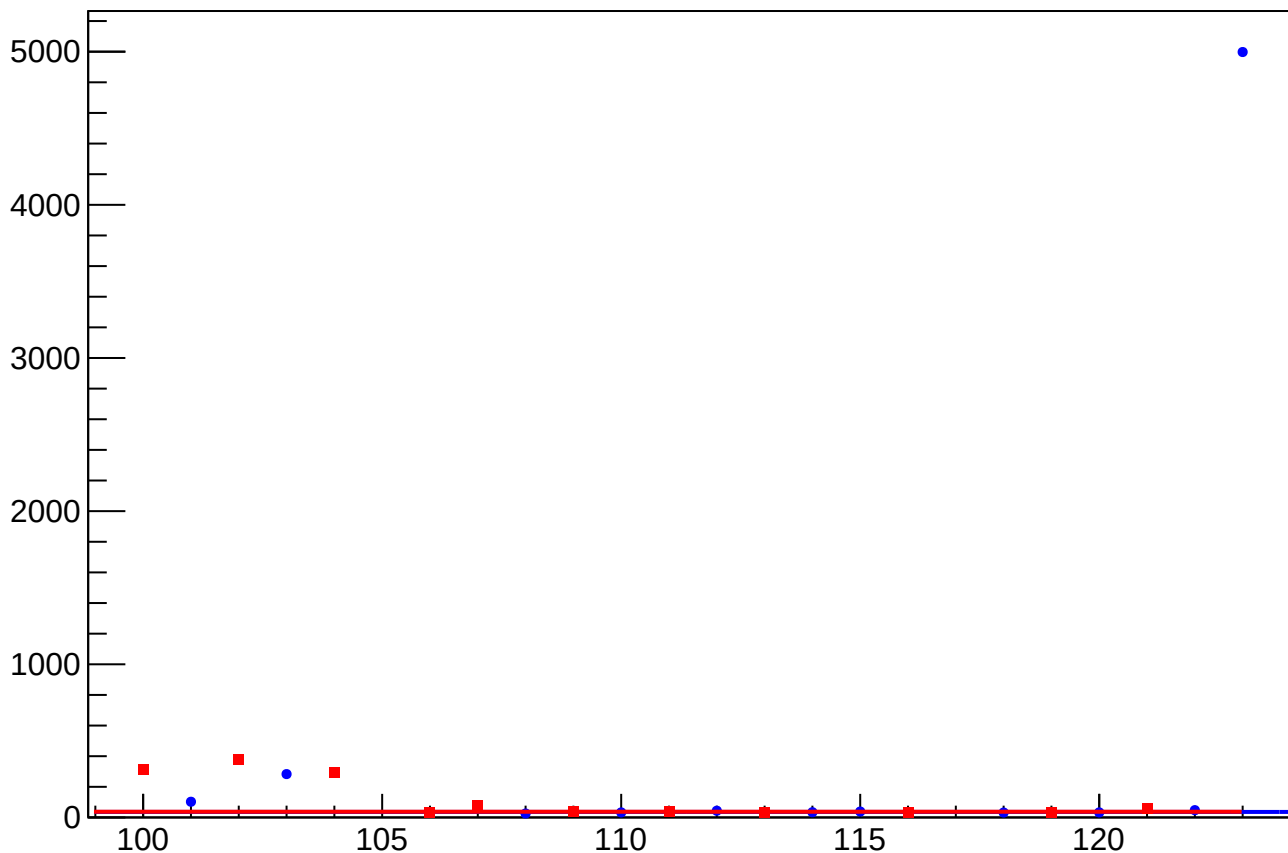
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.026+/-0.015 χ^2/NDF : 1663582.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.393+/-0.015 χ^2/NDF : 1753867.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

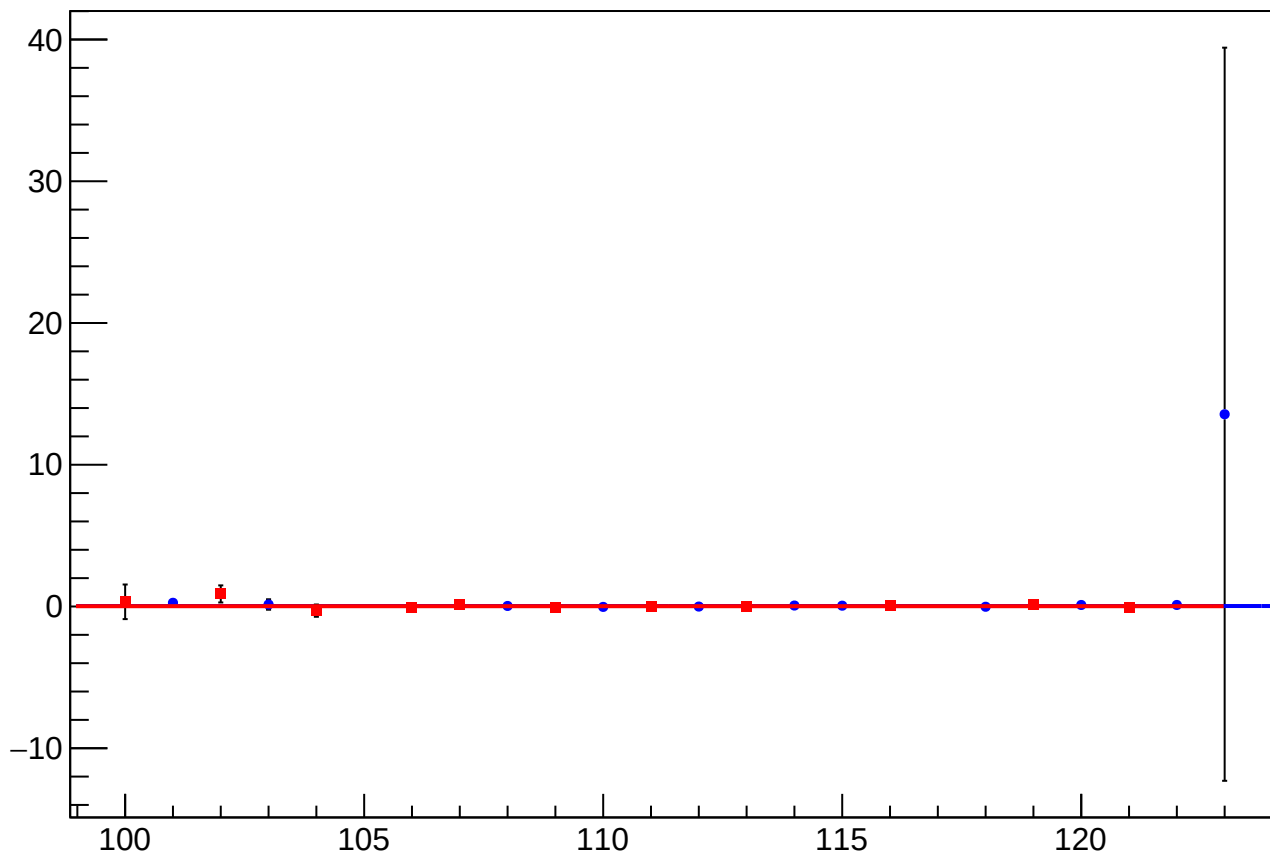
Right: 36.692+/-0.011 χ^2/NDF : 3421591.3/21

In: 36.026+/-0.015 χ^2/NDF : 1663582.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.692+/-0.011 χ^2/NDF : 3421591.3/21

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

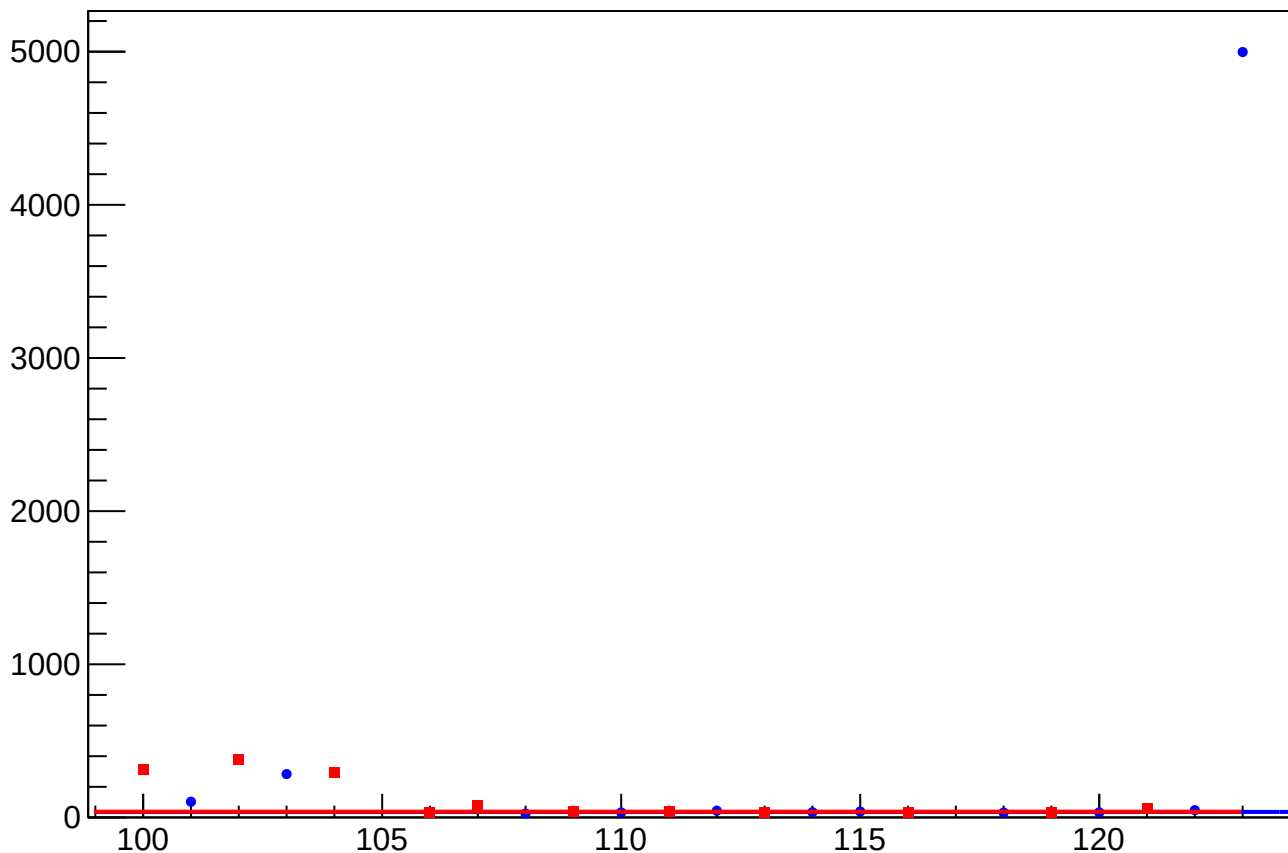
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.026+/-0.015 χ^2 /NDF: 1663582.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 37.393+/-0.015 χ^2 /NDF: 1753867.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

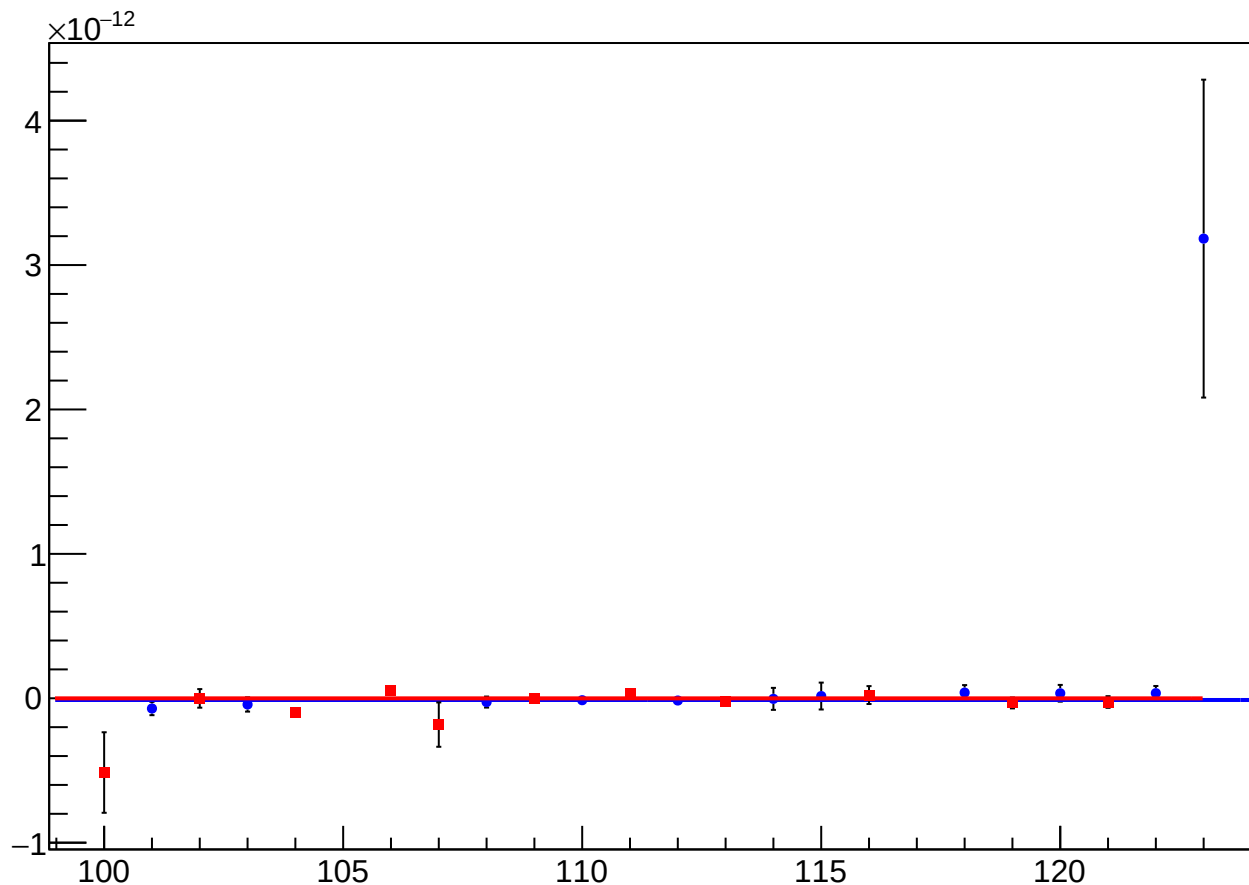
Right: 36.692+/-0.011 χ^2 /NDF: 3421591.3/21

In: 36.026+/-0.015 χ^2 /NDF:1663582.5/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 36.692+/-0.011 χ^2 /NDF: 3421591.3/21

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 : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 29.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

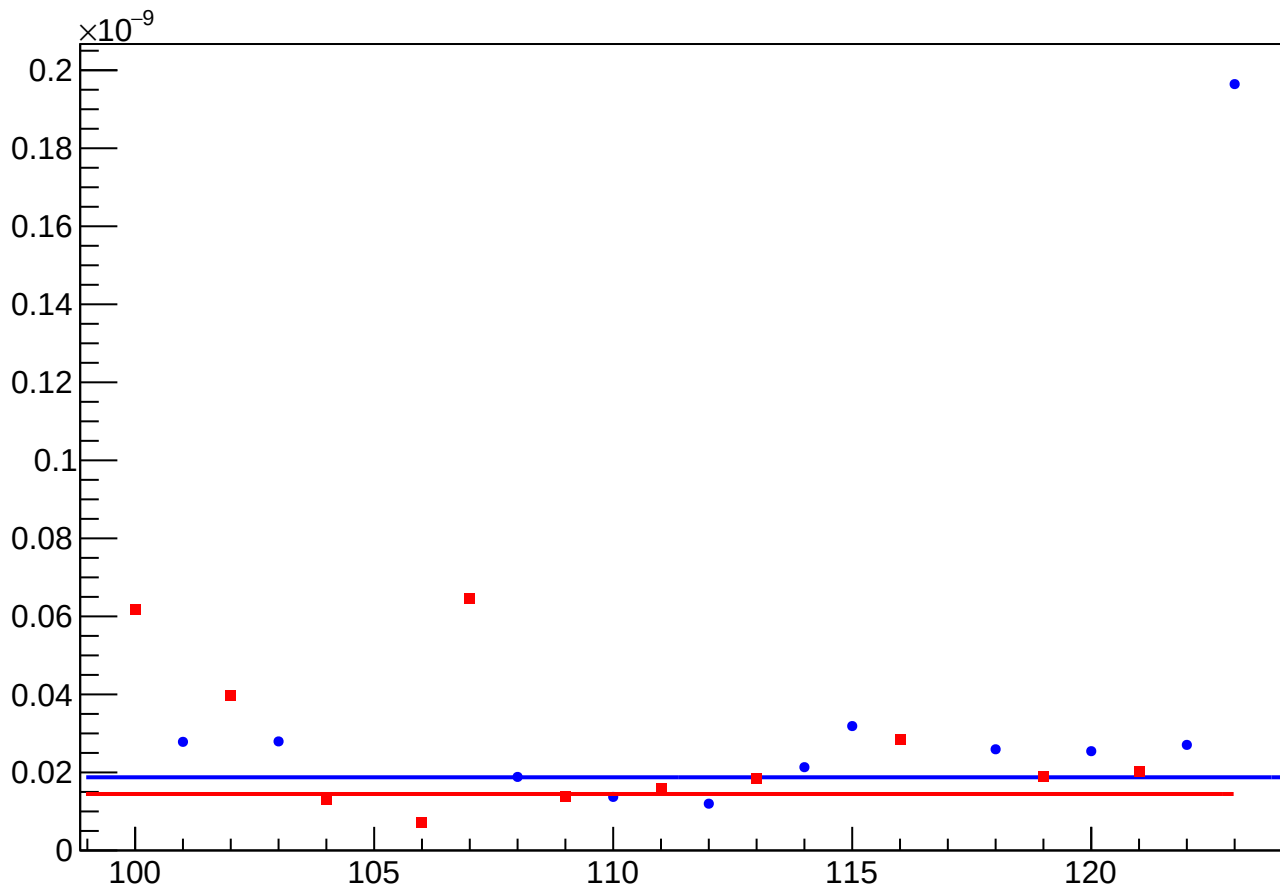
Right: -0.000+/-0.000 χ^2/NDF : 42.7/21

In: -0.000+/-0.000 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.7/21

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 : 591511.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1099986.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

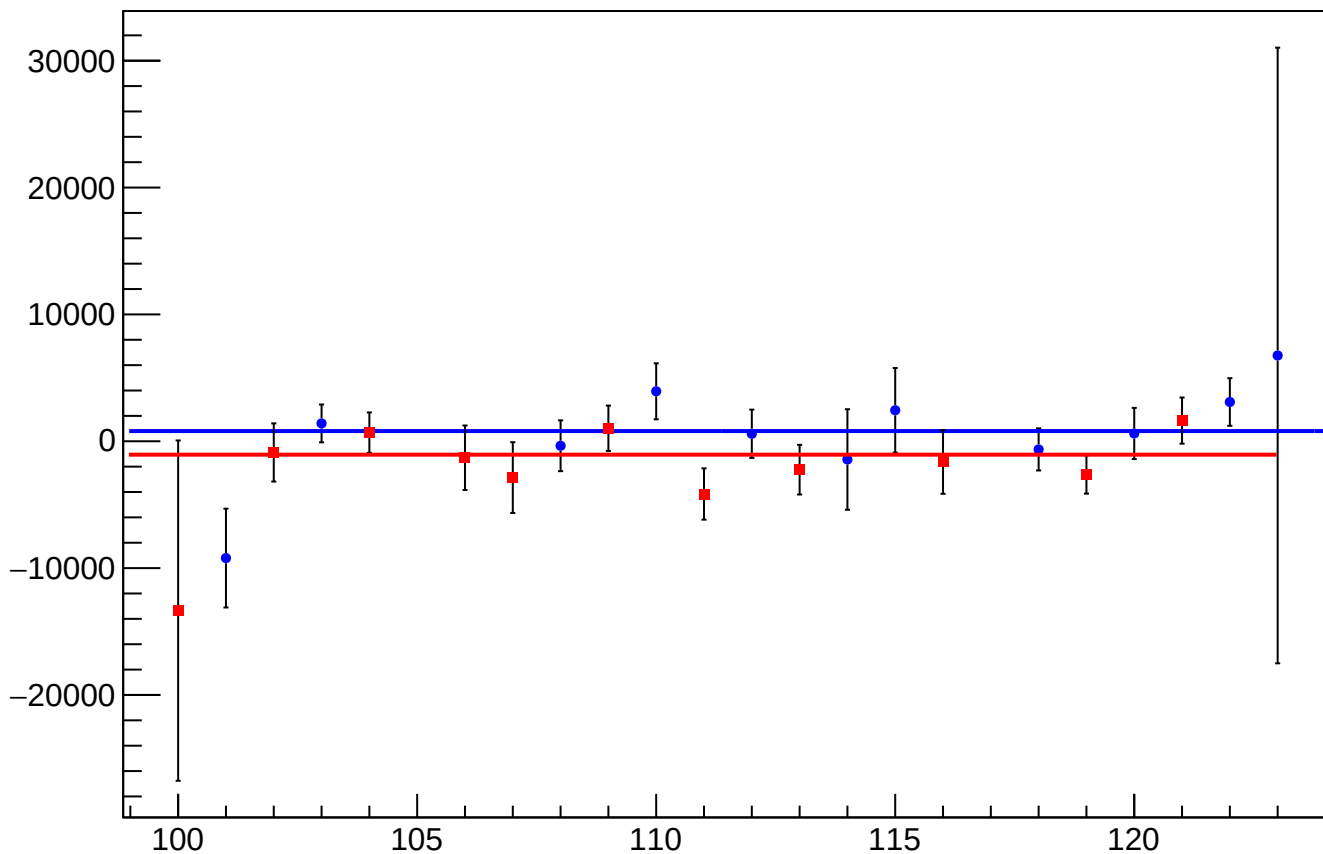
Right: 0.000+/-0.000 χ^2/NDF : 1829023.3/21

In: 0.000+/-0.000 χ^2/NDF : 591511.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1829023.3/21

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 803.895+/-659.940 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1057.460+/-621.013 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

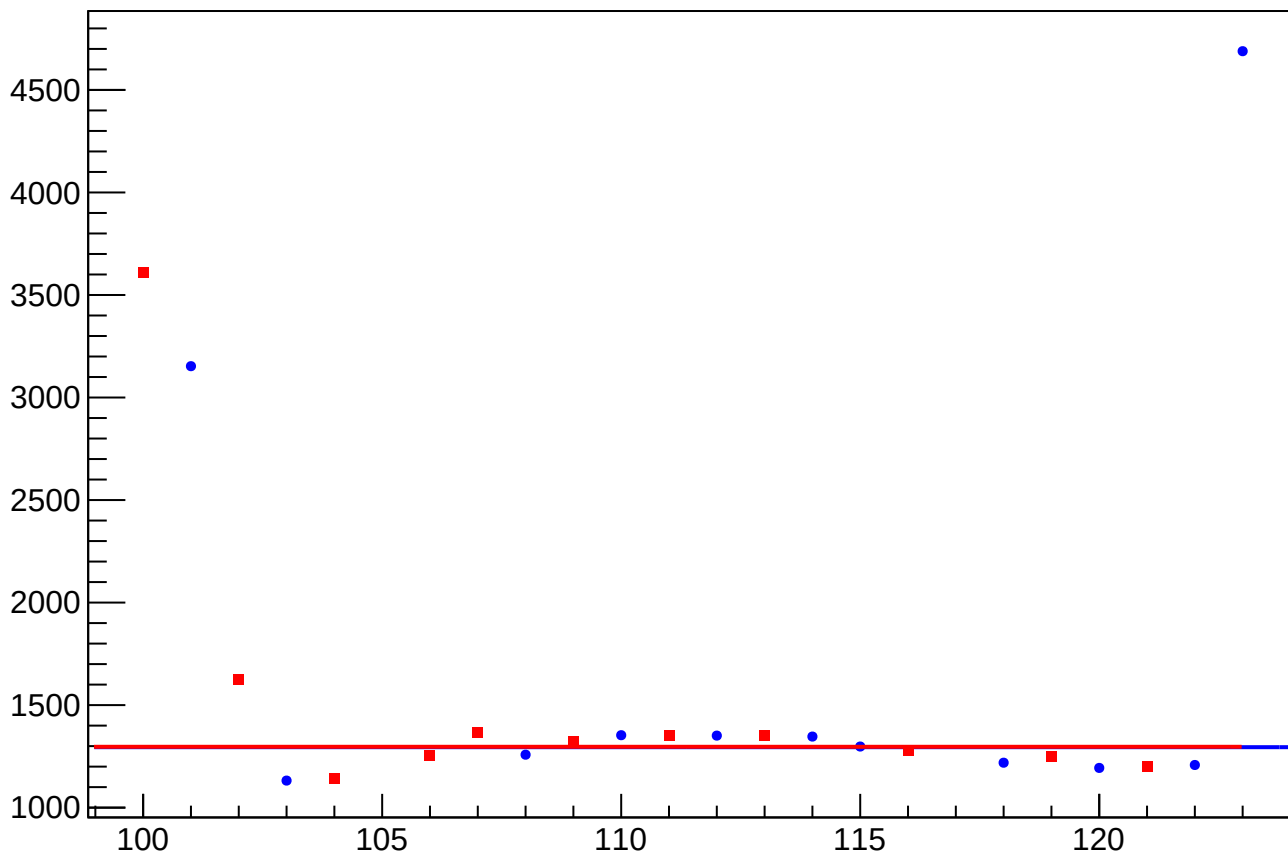
Right: -183.295+/-452.258 χ^2/NDF : 26.1/21

In: 803.895+/-659.940 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.295+/-452.258 χ^2/NDF : 26.1/21

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.814+/-0.467 χ^2/NDF : 536254.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.702+/-0.439 χ^2/NDF : 132551.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

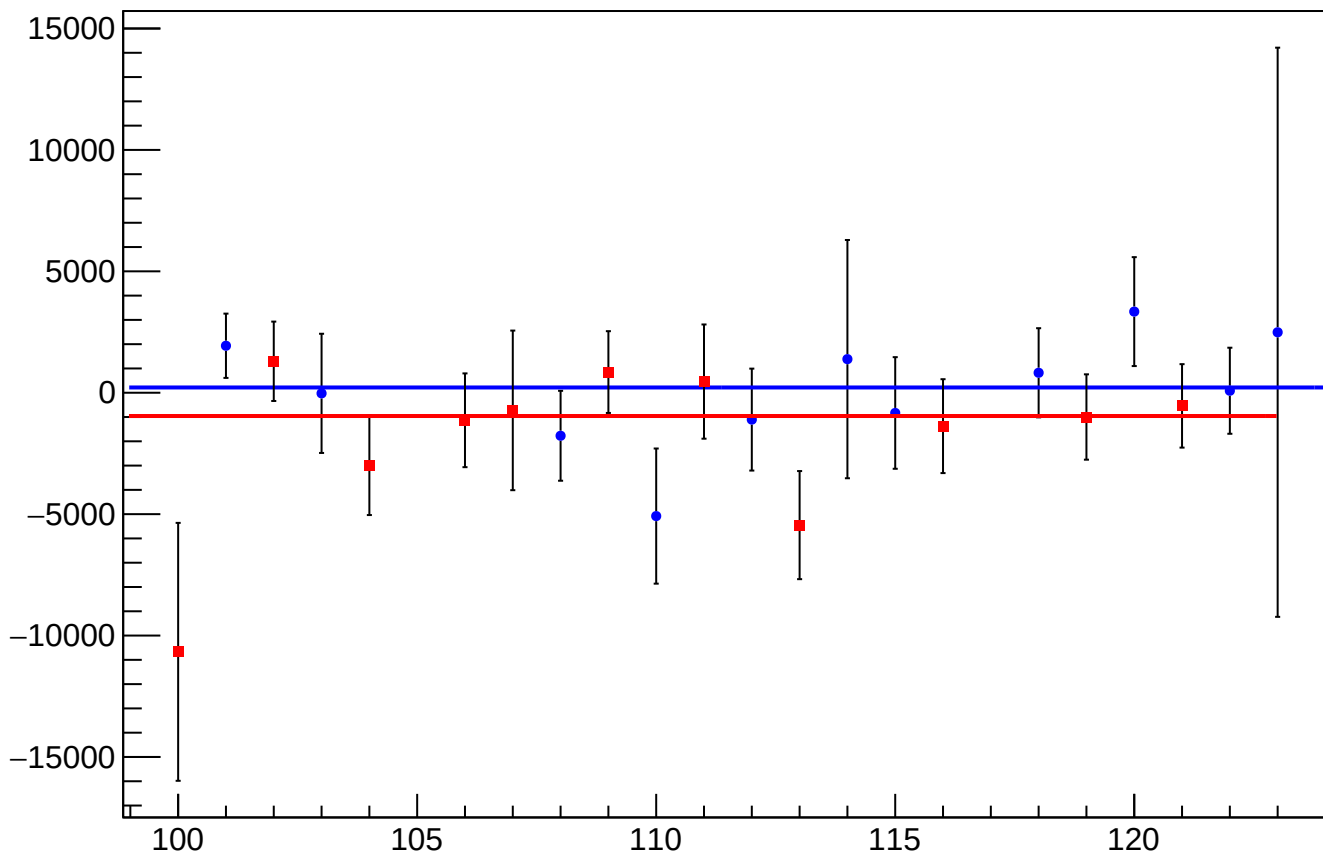
Right: 1295.815+/-0.320 χ^2/NDF : 668814.8/21

In: 1294.814+/-0.467 χ^2/NDF : 536254.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.815+/-0.320 χ^2/NDF : 668814.8/21

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 216.912 $\pm$ 640.613 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -958.454 $\pm$ -611.718 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

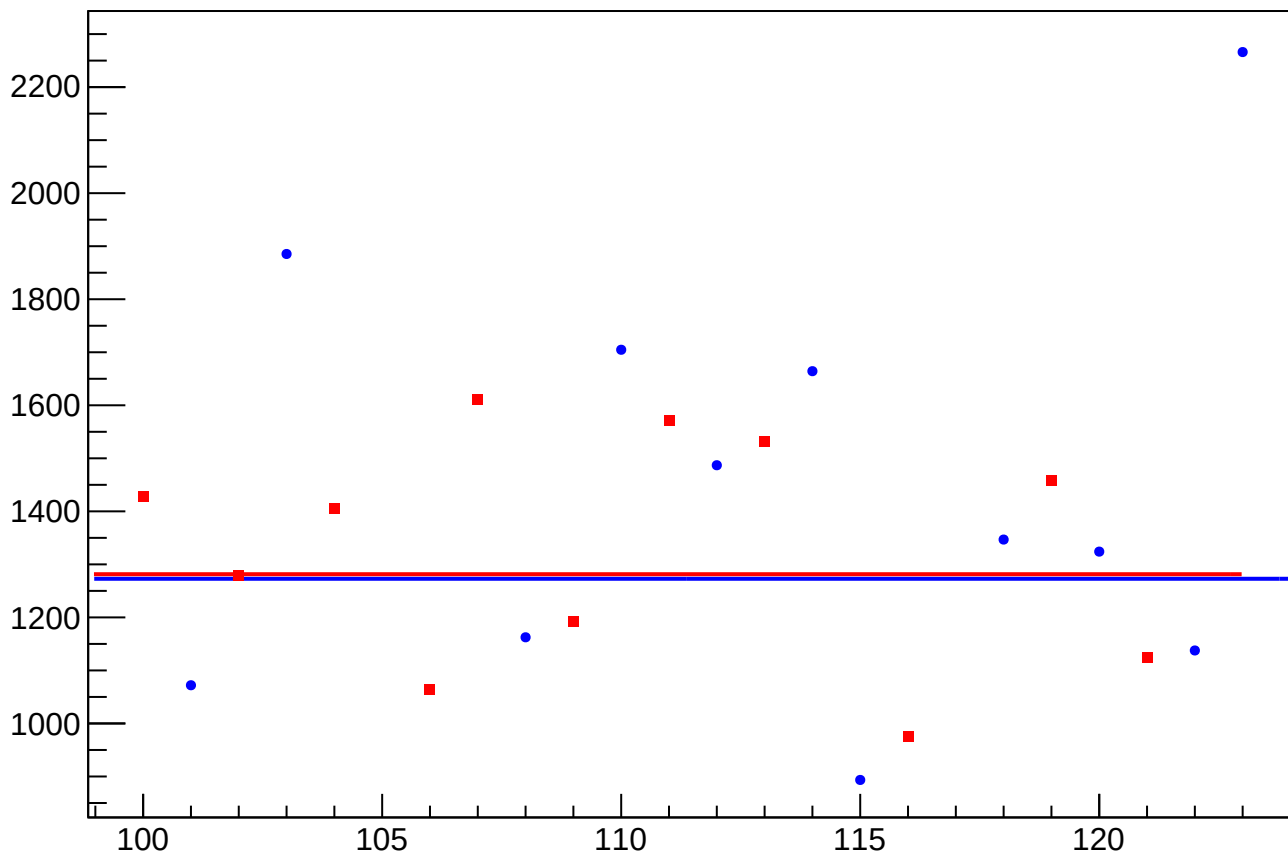
Right: -397.875 $\pm$ -442.412 χ^2 /NDF: 22.9/21

In: 216.912 $\pm$ 640.613 χ^2 /NDF:9.2/10

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -397.875 $\pm$ -442.412 χ^2 /NDF: 22.9/21

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1272.845+/-0.453 χ^2/NDF : 344171.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.443+/-0.433 χ^2/NDF : 202318.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

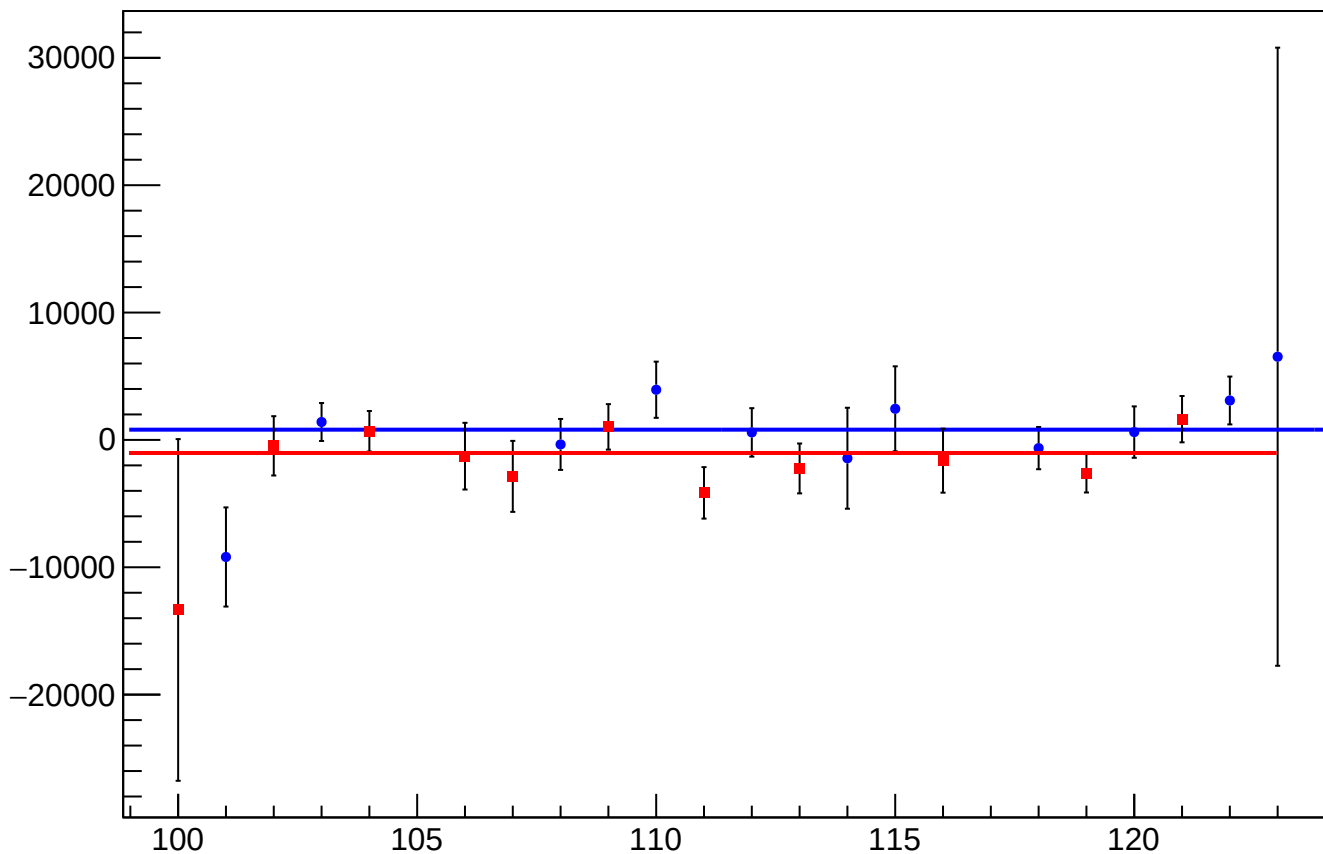
Right: 1277.343+/-0.313 χ^2/NDF : 546678.4/21

In: 1272.845+/-0.453 χ^2/NDF : 344171.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.343+/-0.313 χ^2/NDF : 546678.4/21

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.161+/-622.780 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

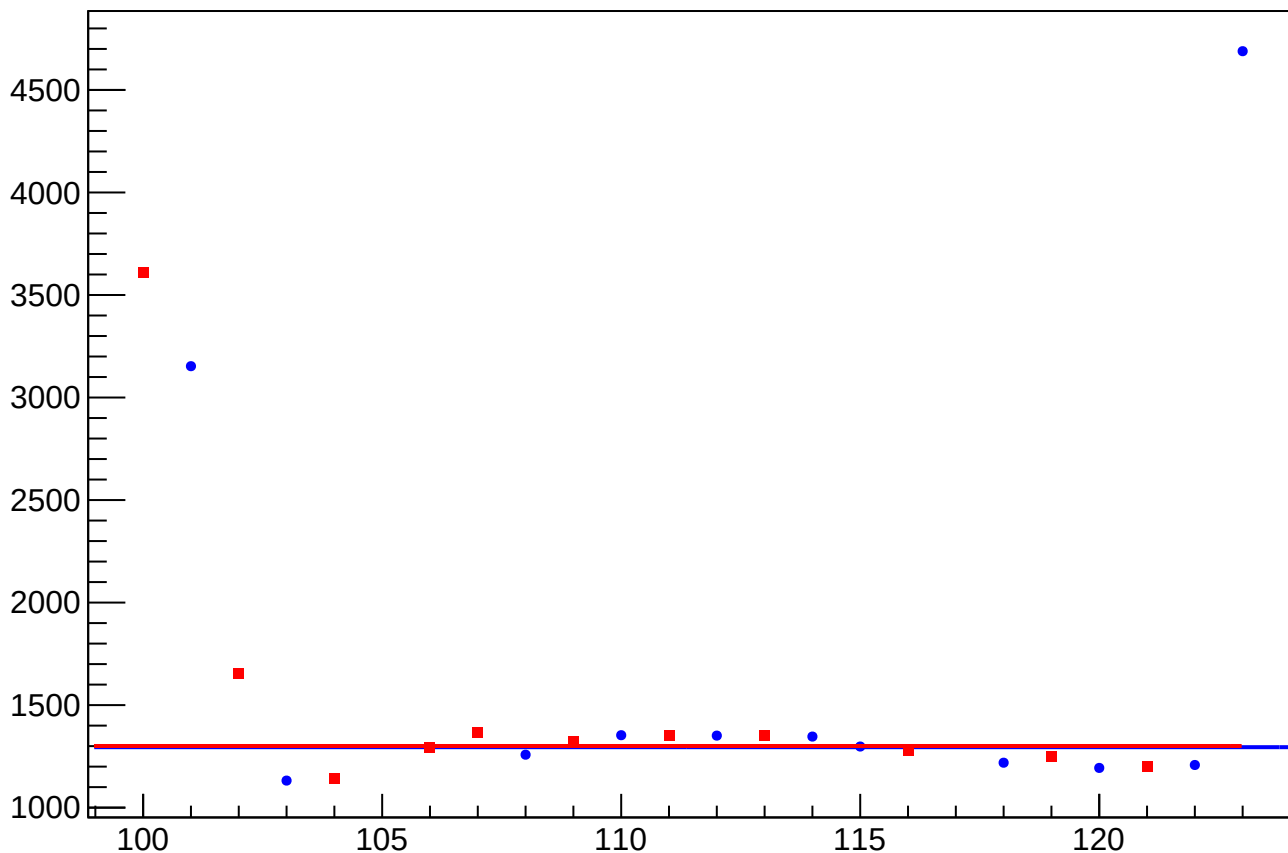
Right: -163.948+/-452.939 χ^2/NDF : 26.0/21

In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.948+/-452.939 χ^2/NDF : 26.0/21

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.616+/-0.440 χ^2/NDF : 138607.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

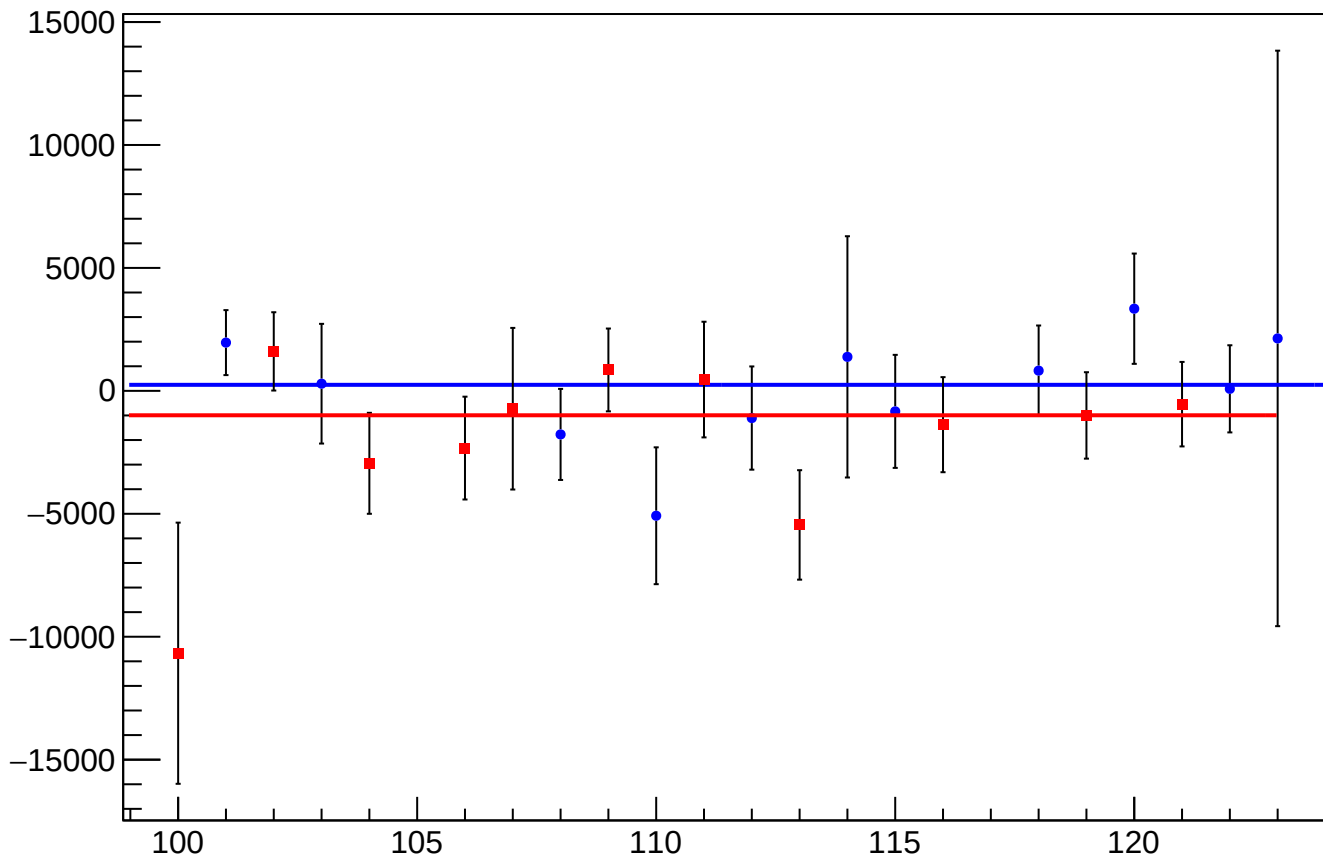
Right: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 245.102+/-640.010 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -993.263+/-613.859 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

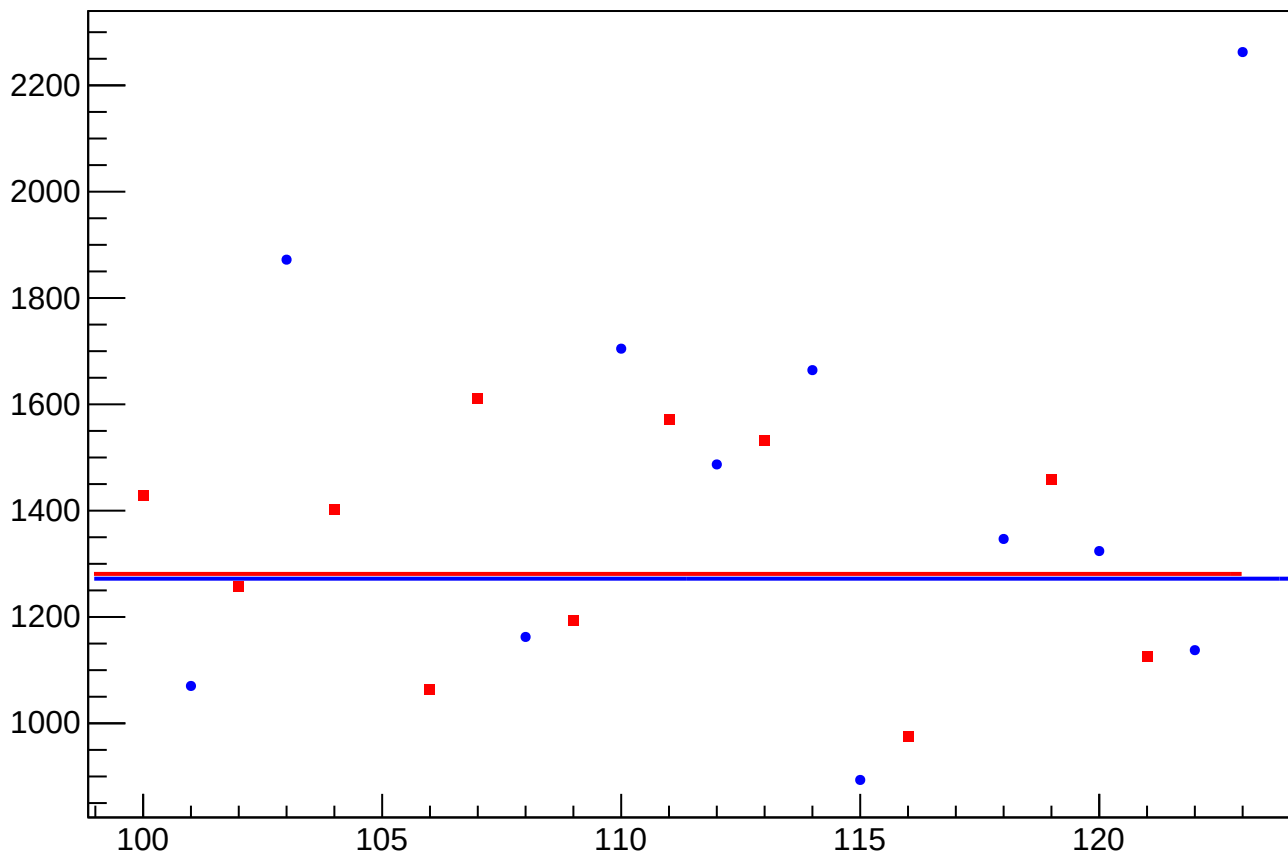
Right: -399.897+/-443.020 χ^2/NDF : 24.2/21

In: 245.102+/-640.010 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.897+/-443.020 χ^2/NDF : 24.2/21

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.038+/-0.434 χ^2/NDF : 199306.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

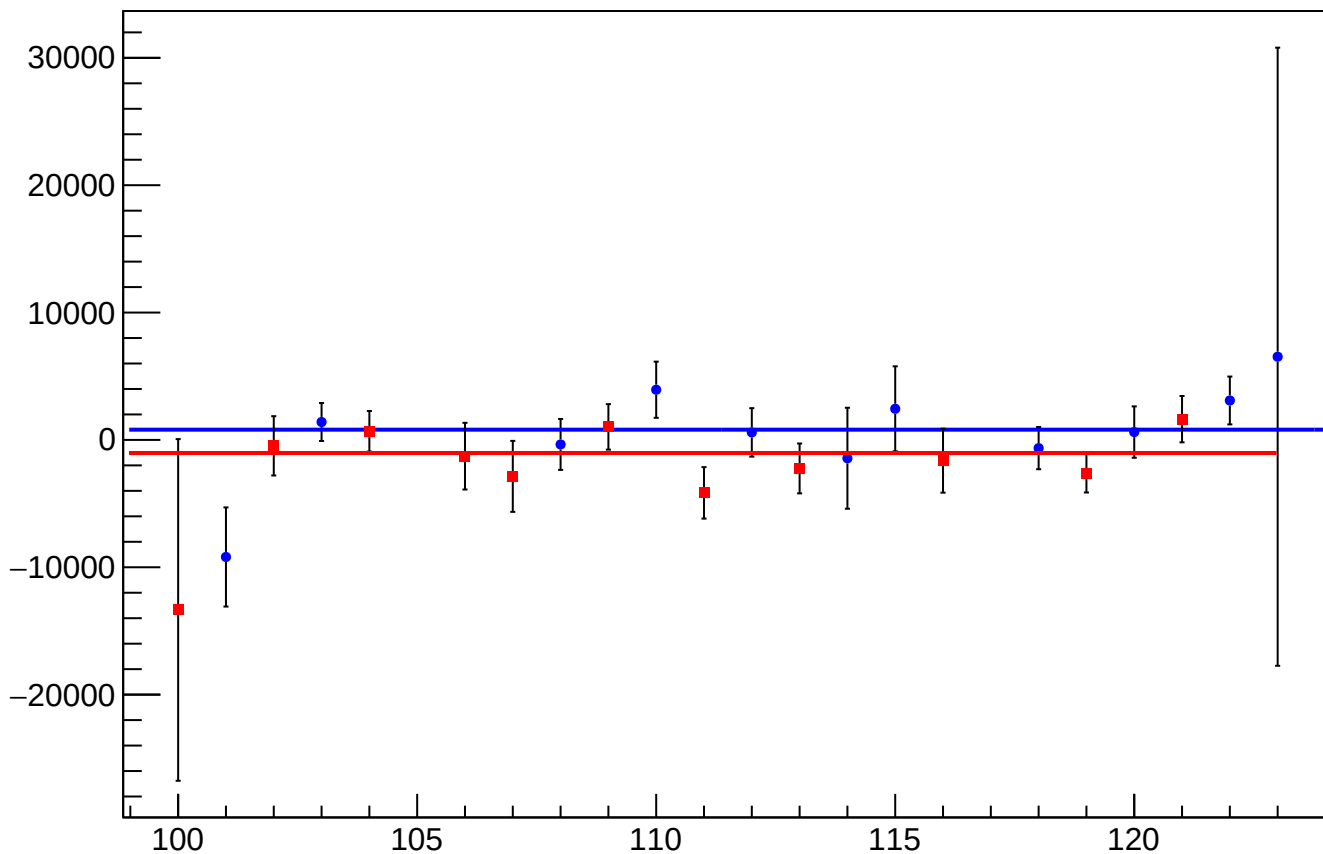
Right: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.161+/-622.780 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

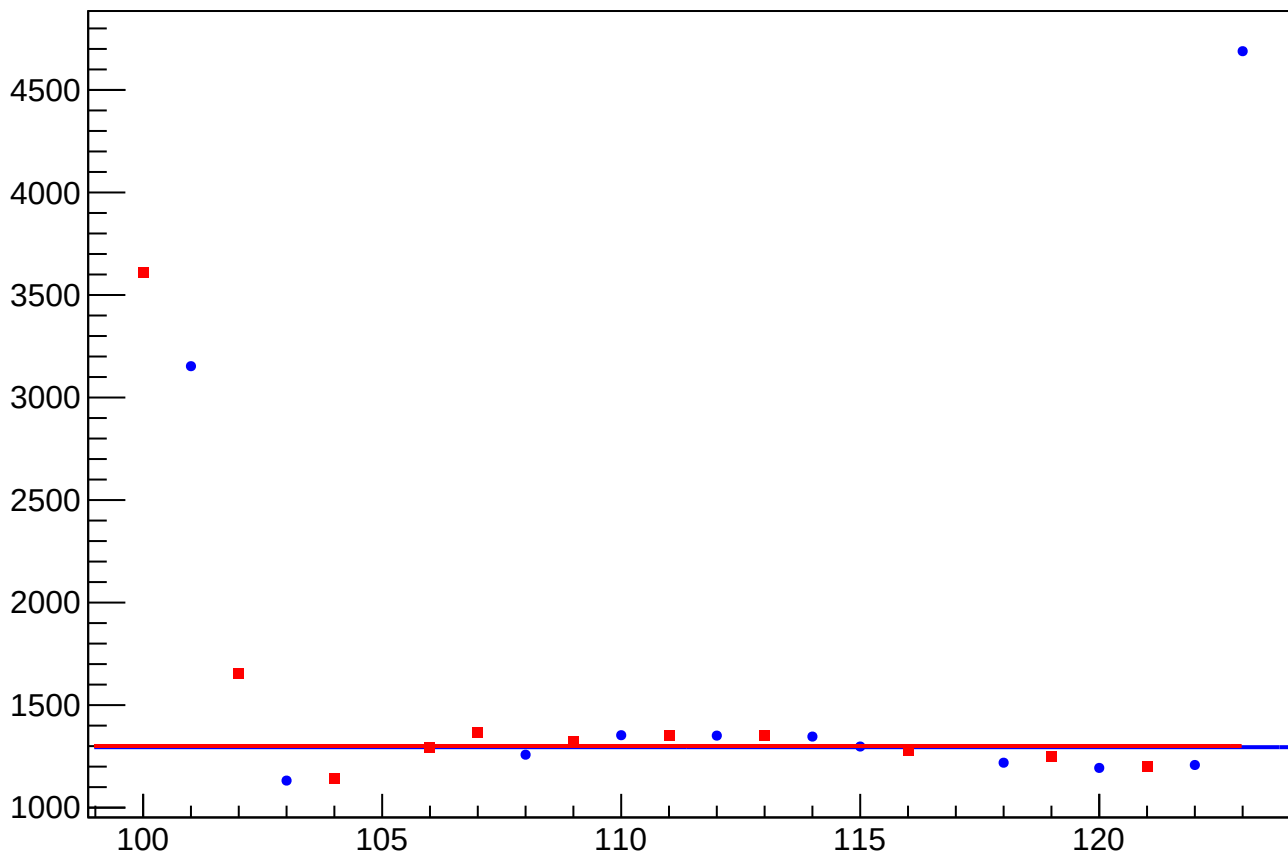
Right: -163.948+/-452.939 χ^2/NDF : 26.0/21

In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.948+/-452.939 χ^2/NDF : 26.0/21

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.616+/-0.440 χ^2/NDF : 138607.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

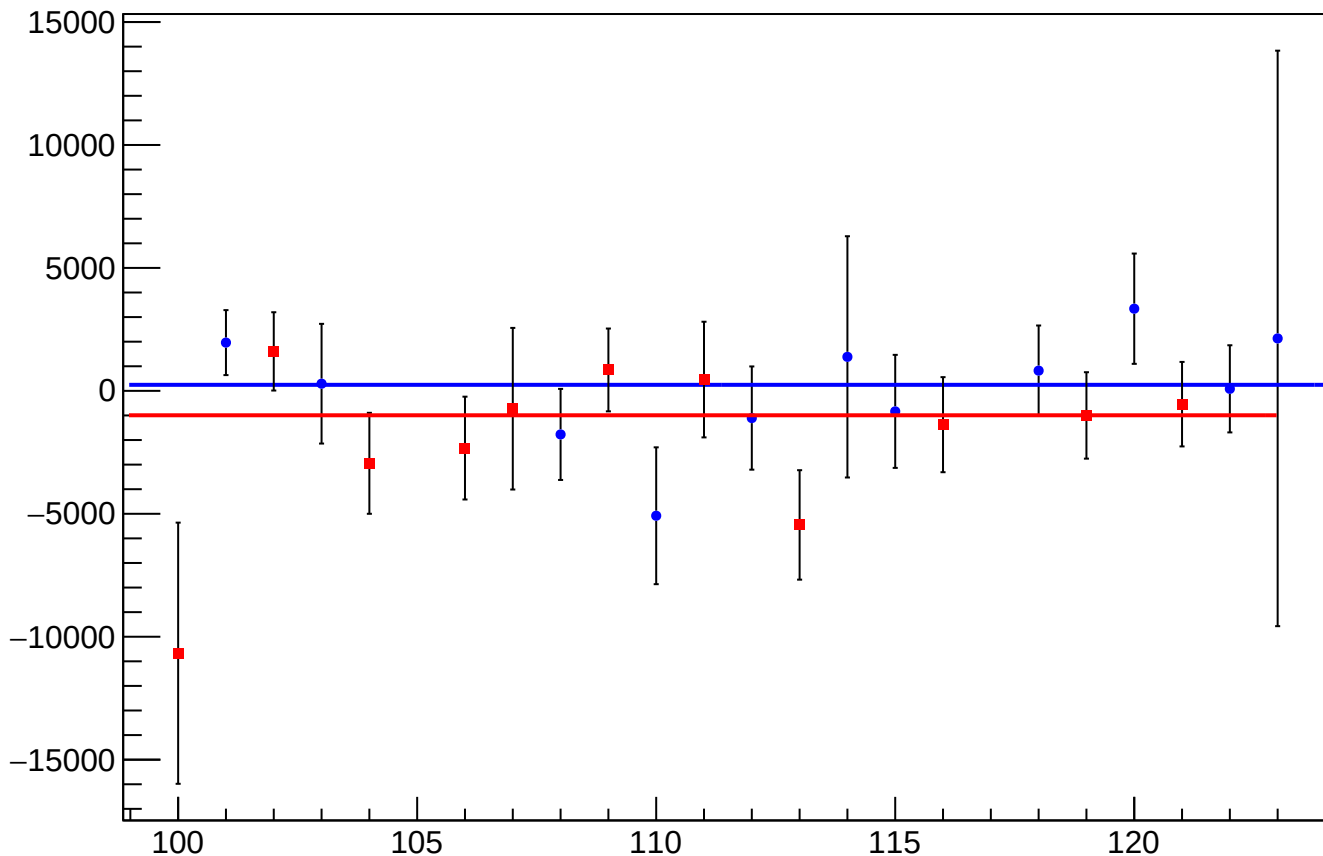
Right: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 245.102+/-640.010 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -993.263+/-613.859 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

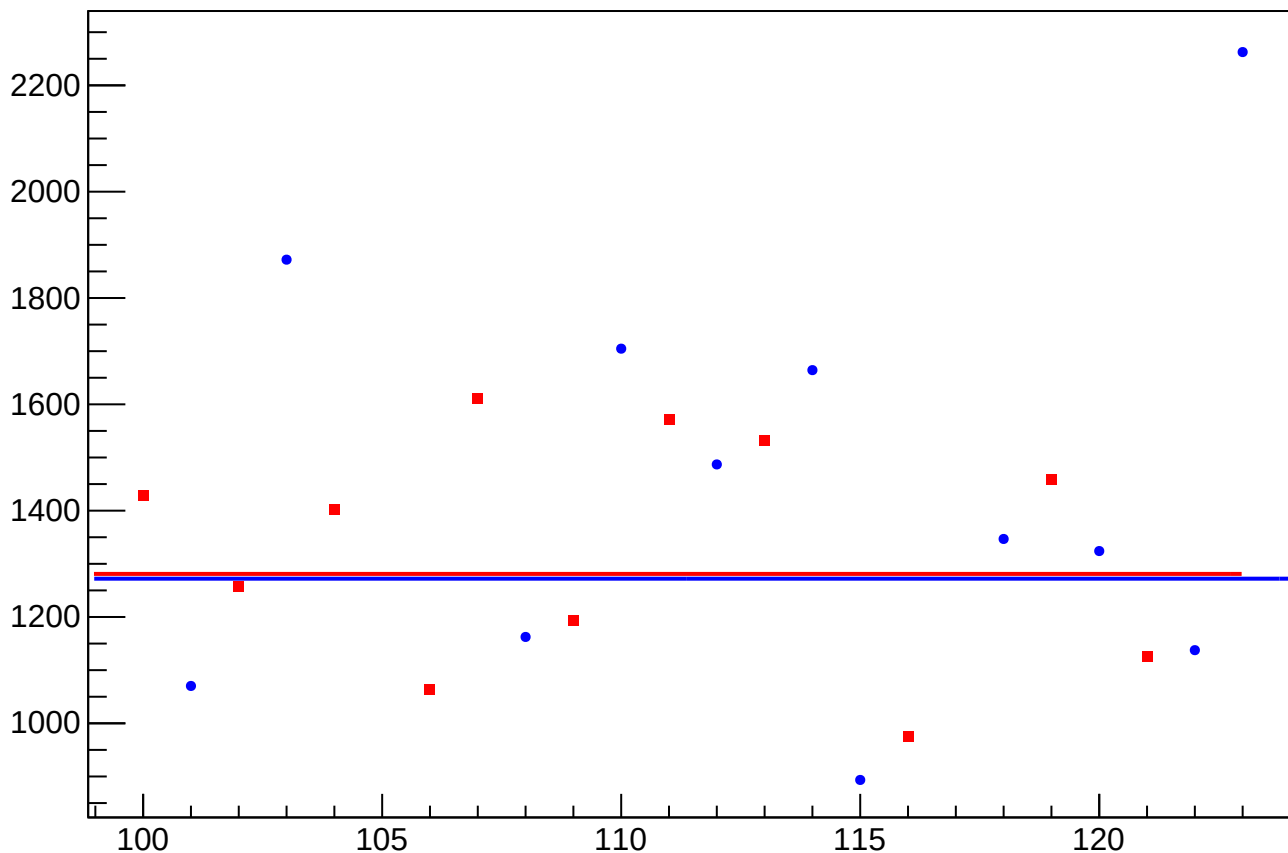
Right: -399.897+/-443.020 χ^2/NDF : 24.2/21

In: 245.102+/-640.010 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.897+/-443.020 χ^2/NDF : 24.2/21

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.038+/-0.434 χ^2/NDF : 199306.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

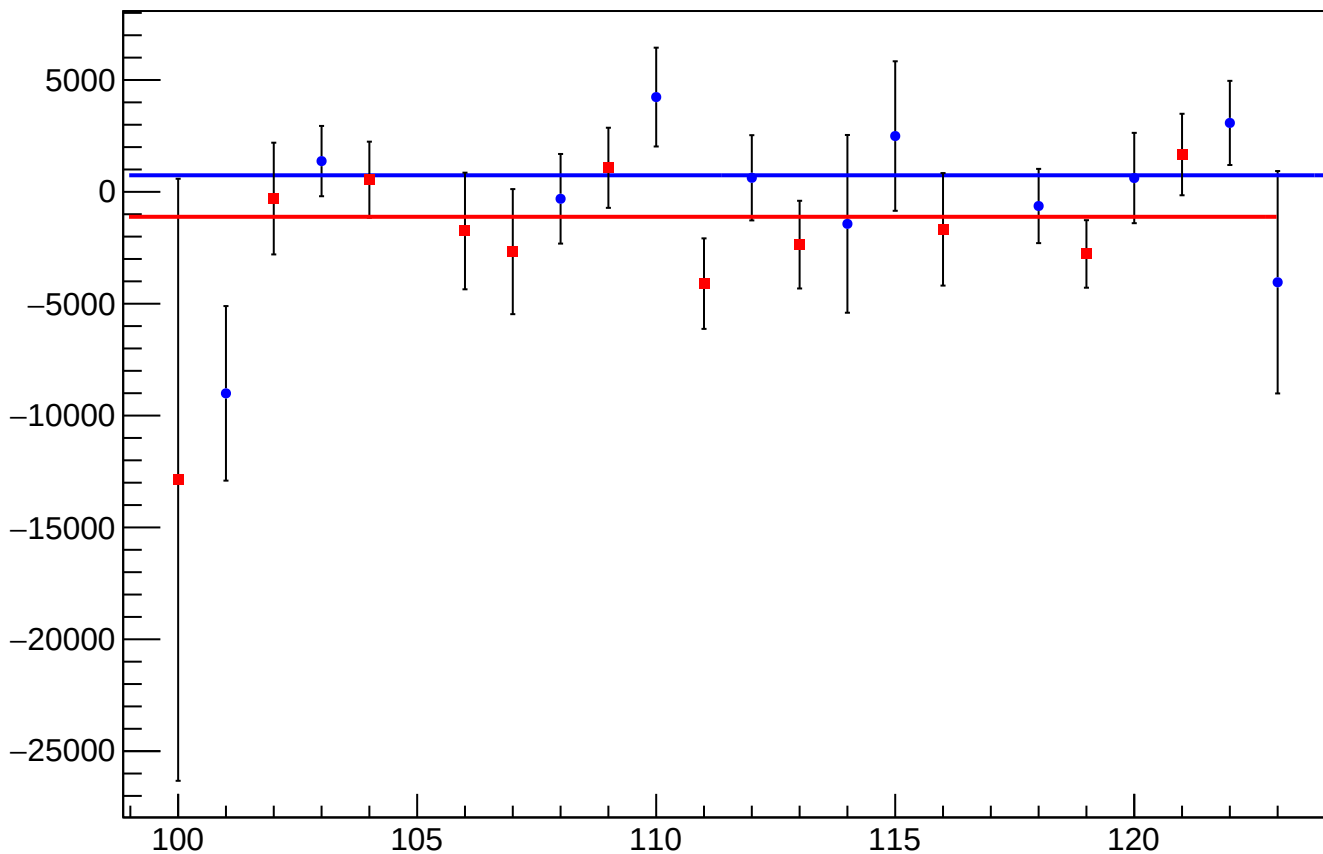
Right: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 740.543+/-661.505 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1114.792+/-632.075 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

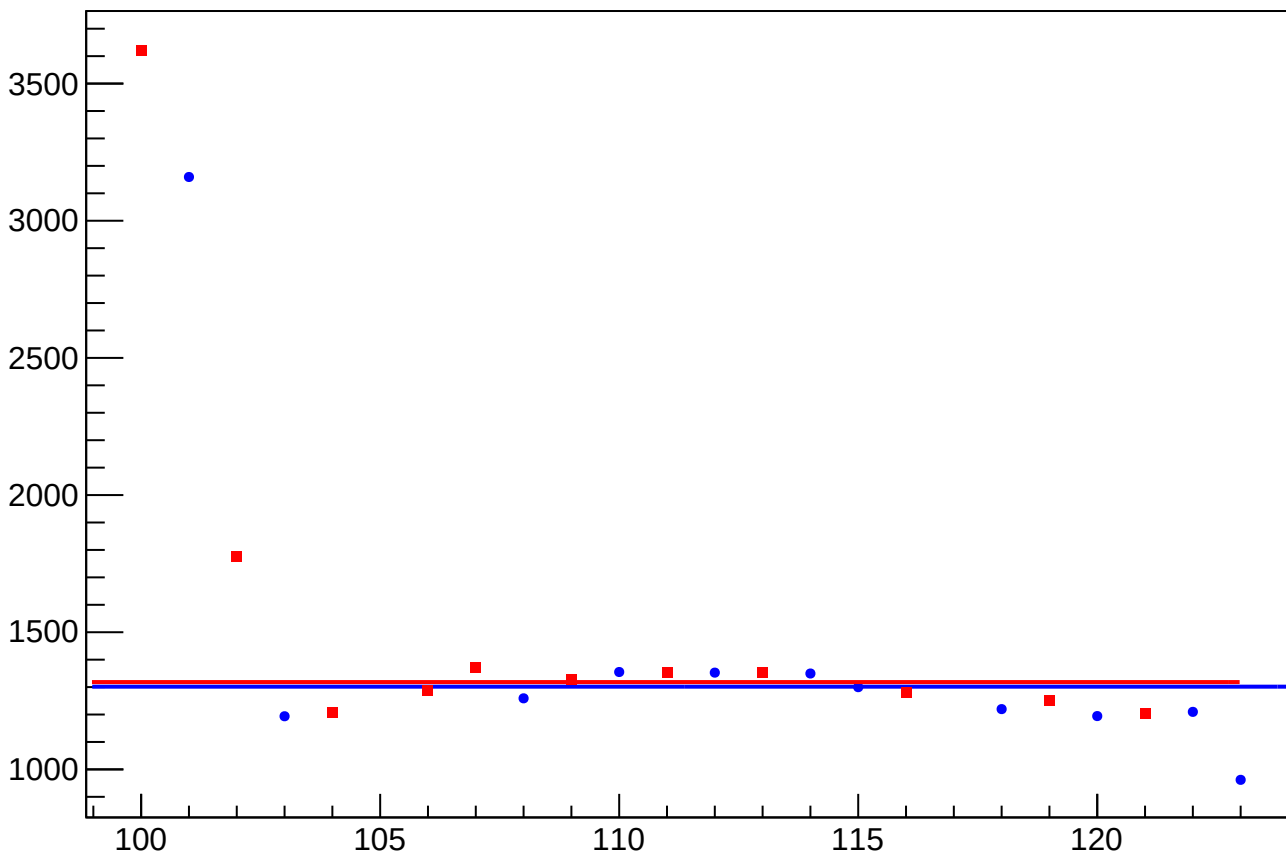
Right: -229.314+/-456.995 χ^2/NDF : 26.9/21

In: 740.543+/-661.505 χ^2/NDF : 12.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.314+/-456.995 χ^2/NDF : 26.9/21

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.575+/-0.468 χ^2/NDF : 491413.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.334+/-0.447 χ^2/NDF : 149109.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

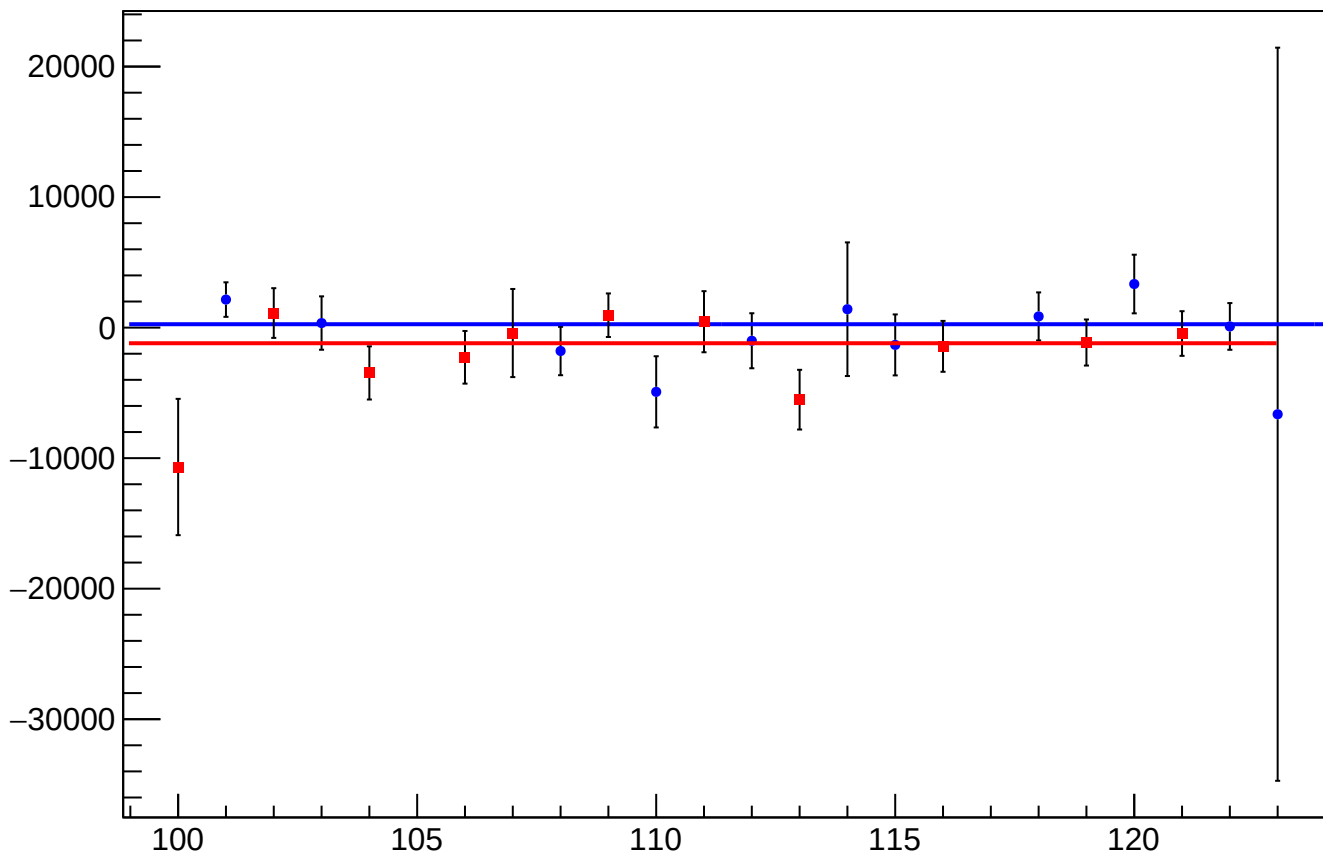
Right: 1310.336+/-0.323 χ^2/NDF : 641194.2/21

In: 1301.575+/-0.468 χ^2/NDF : 491413.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.336+/-0.323 χ^2/NDF : 641194.2/21

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 261.025+/-633.795 χ^2 /NDF: 9.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1196.081+/-626.712 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

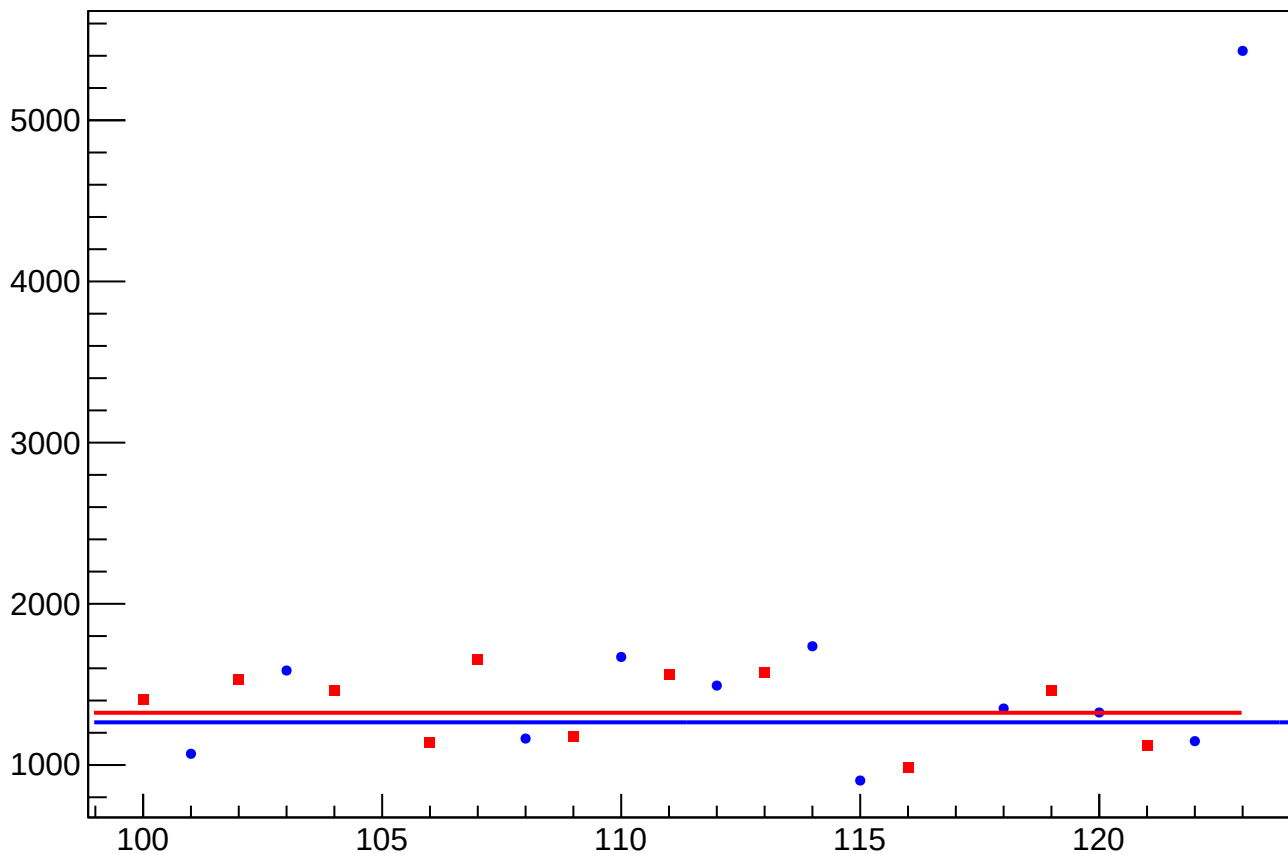
Right: -475.715+/-445.635 χ^2 /NDF: 24.8/21

In: 261.025+/-633.795 χ^2 /NDF:9.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -475.715+/-445.635 χ^2 /NDF: 24.8/21

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.808+/-0.448 χ^2/NDF : 289611.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.163+/-0.443 χ^2/NDF : 232566.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

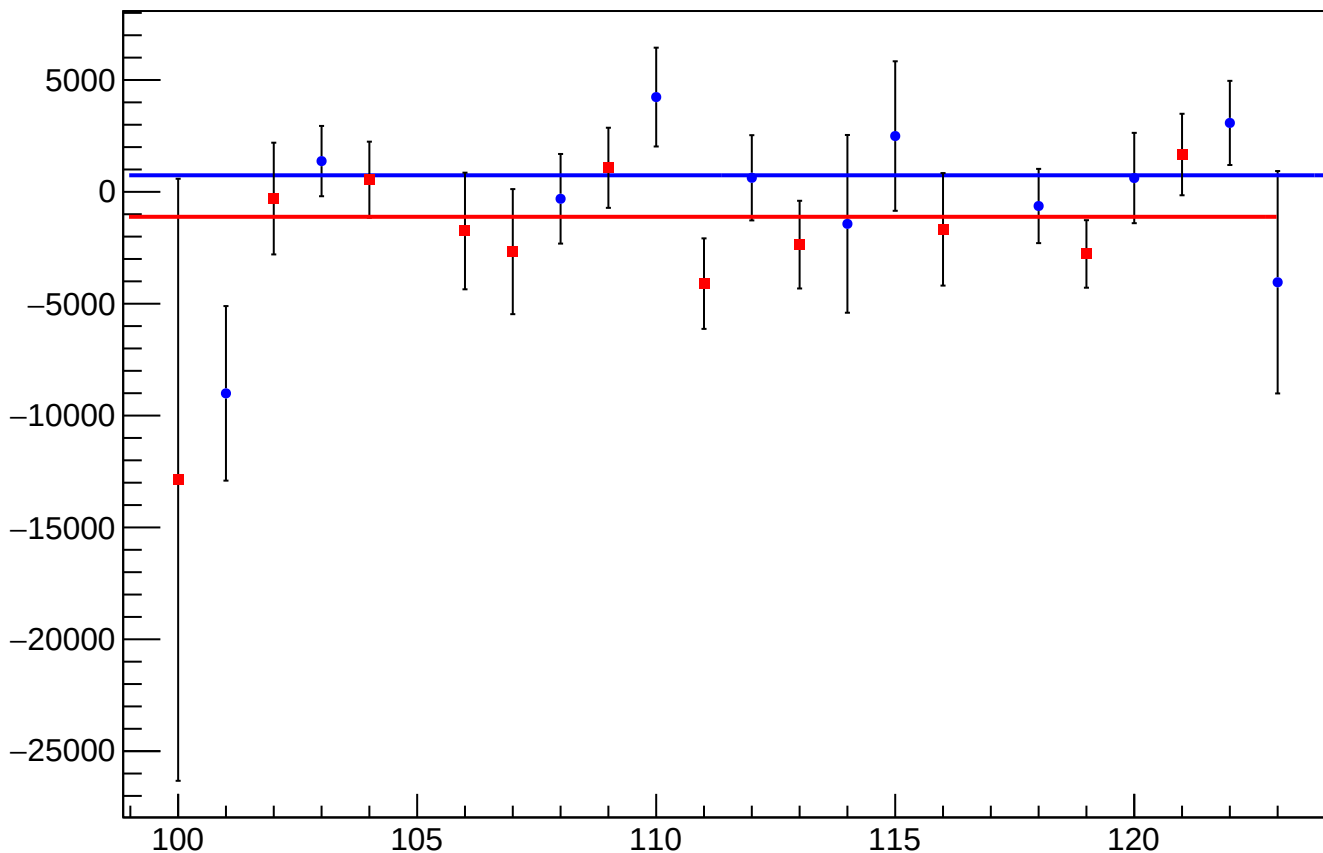
Right: 1294.819+/-0.315 χ^2/NDF : 531046.7/21

In: 1264.808+/-0.448 χ^2/NDF : 289611.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.819+/-0.315 χ^2/NDF : 531046.7/21

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 740.539+/-661.505 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1114.793+/-632.075 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

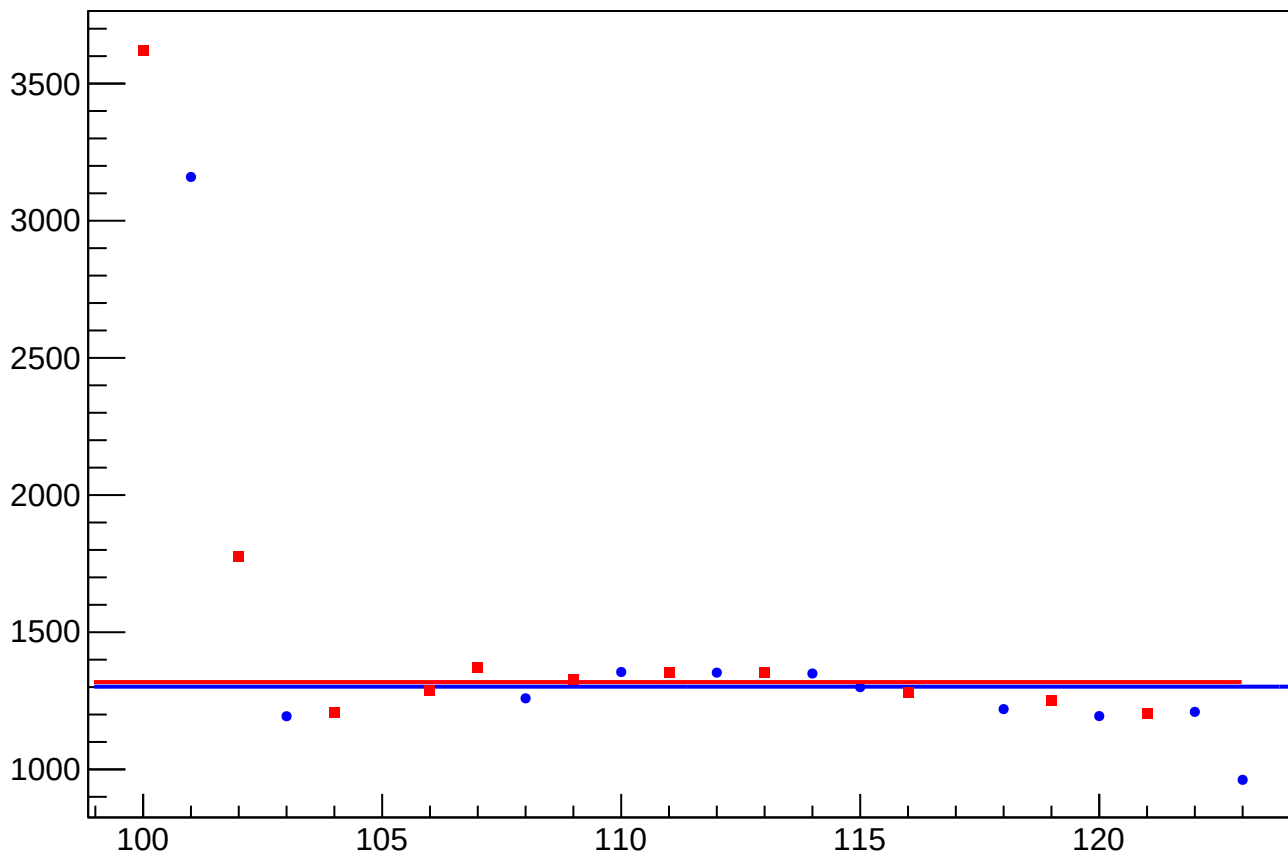
Right: -229.316+/-456.995 χ^2/NDF : 26.9/21

In: 740.539+/-661.505 χ^2/NDF : 12.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.316+/-456.995 χ^2/NDF : 26.9/21

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.575+/-0.468 χ^2/NDF : 491414.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.334+/-0.447 χ^2/NDF : 149109.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

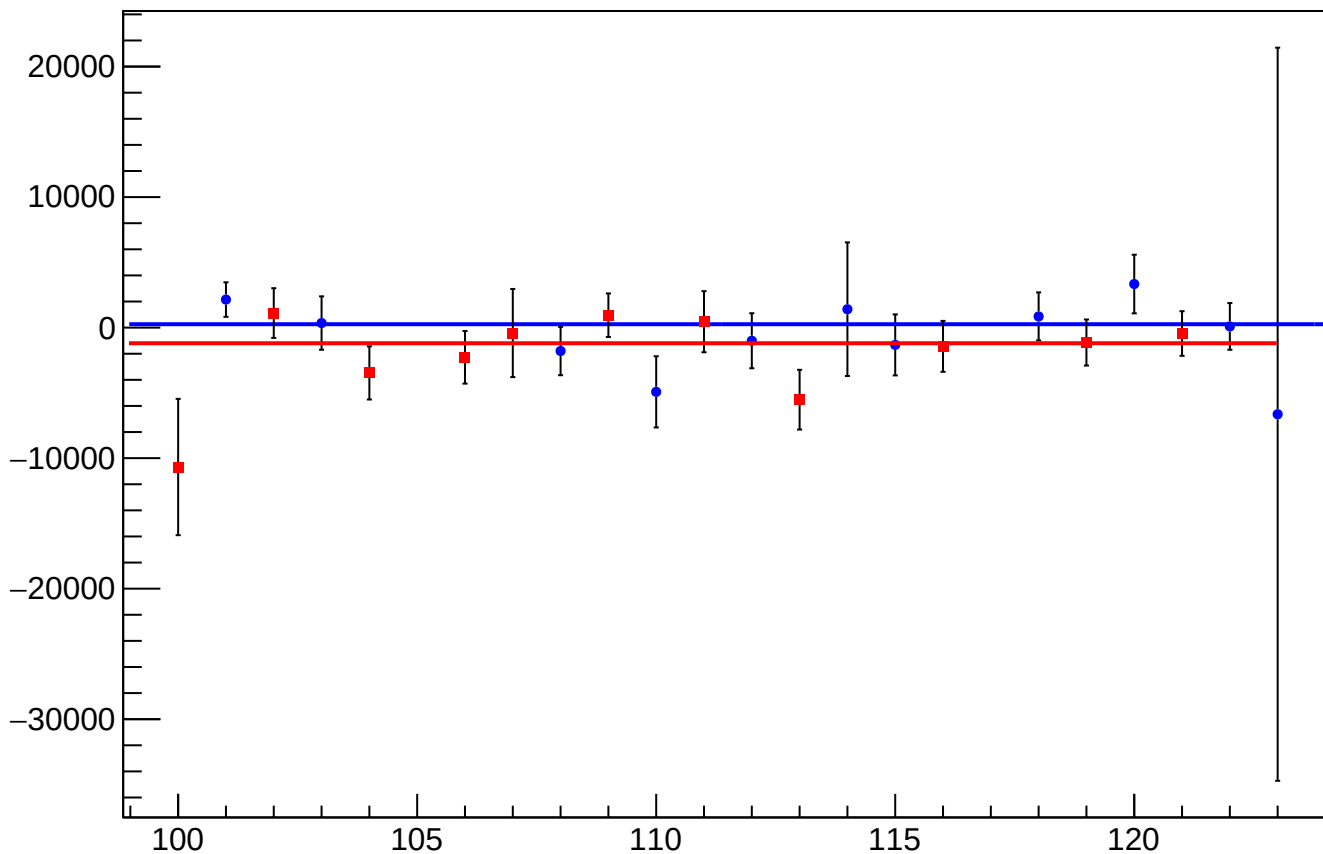
Right: 1310.335+/-0.323 χ^2/NDF : 641194.3/21

In: 1301.575+/-0.468 χ^2/NDF : 491414.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.335+/-0.323 χ^2/NDF : 641194.3/21

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 261.025+/-633.793 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1196.083+/-626.711 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

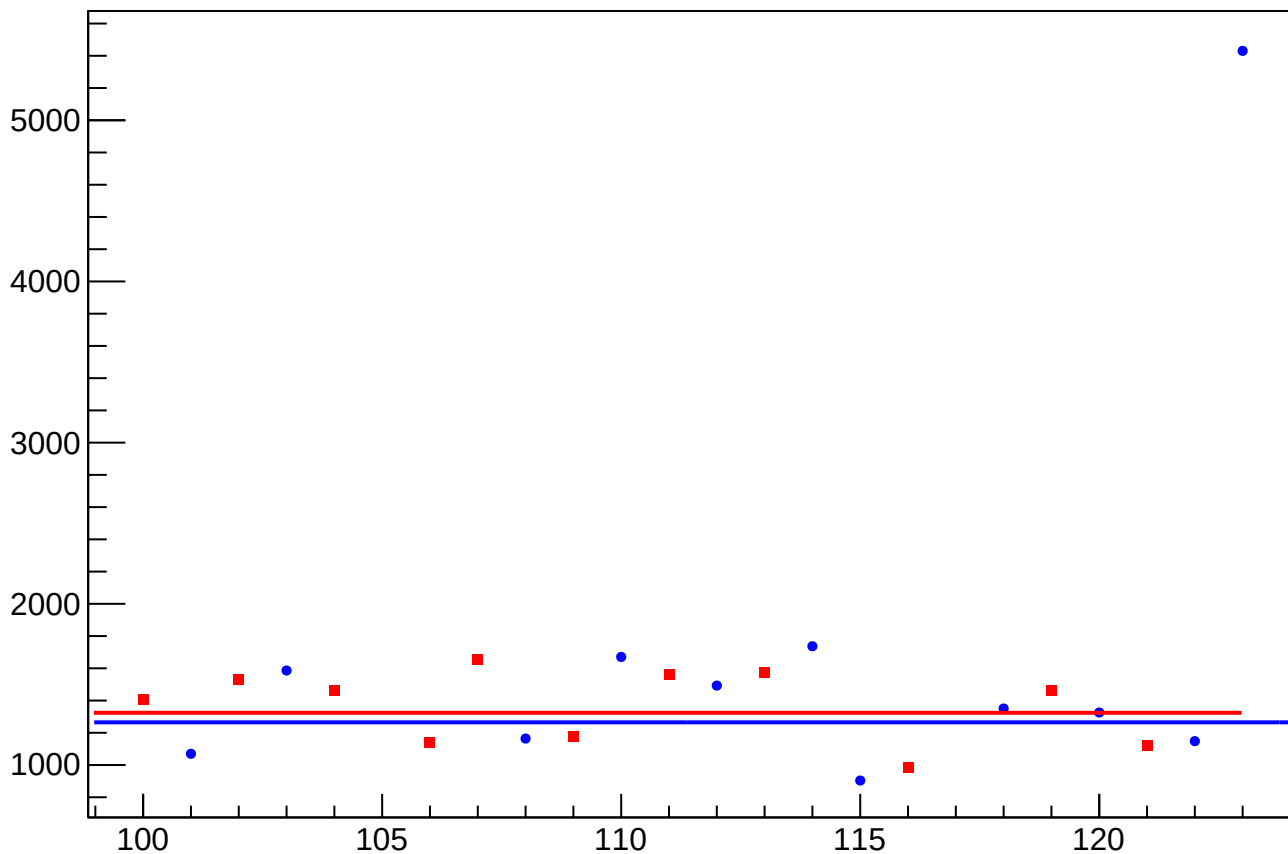
Right: -475.715+/-445.634 χ^2/NDF : 24.8/21

In: 261.025+/-633.793 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -475.715+/-445.634 χ^2/NDF : 24.8/21

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.803+/-0.448 χ^2/NDF : 289617.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.163+/-0.443 χ^2/NDF : 232567.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

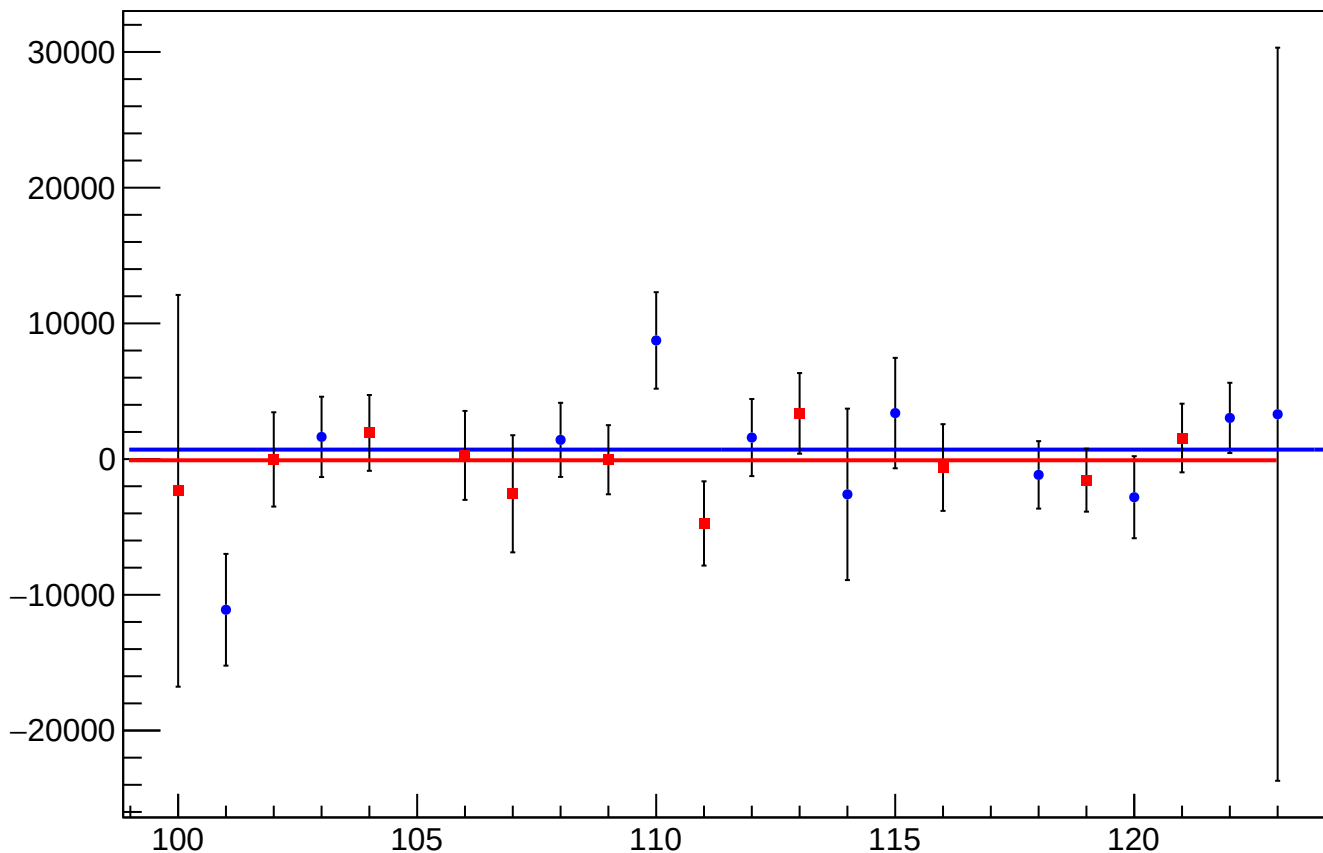
Right: 1294.817+/-0.315 χ^2/NDF : 531054.8/21

In: 1264.803+/-0.448 χ^2/NDF : 289617.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.817+/-0.315 χ^2/NDF : 531054.8/21

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 699.780+/-991.228 χ^2/NDF : 17.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.776+/-922.990 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

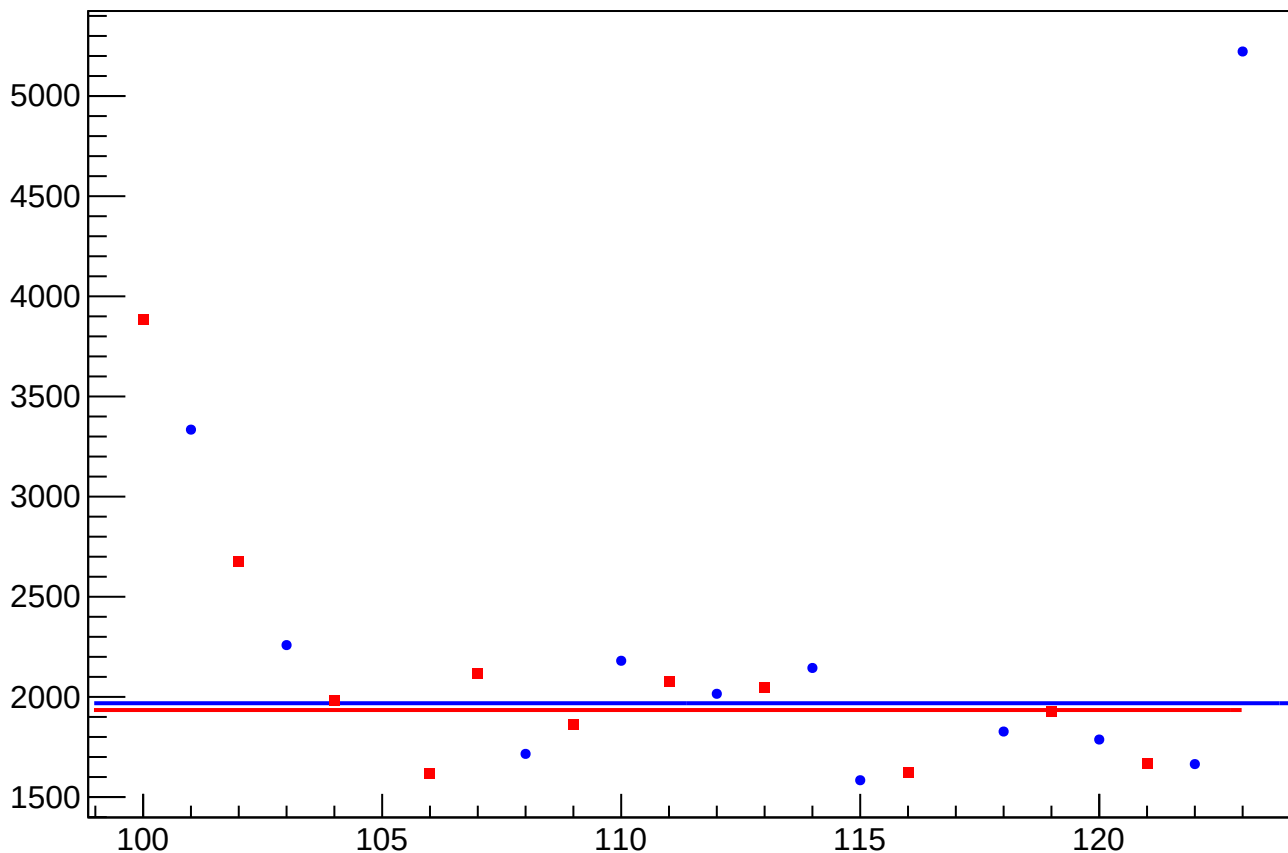
Right: 279.034+/-675.489 χ^2/NDF : 22.7/21

In: 699.780+/-991.228 χ^2/NDF : 17.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.034+/-675.489 χ^2/NDF : 22.7/21

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1968.465+/-0.701 χ^2/NDF : 353961.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.492+/-0.653 χ^2/NDF : 199953.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

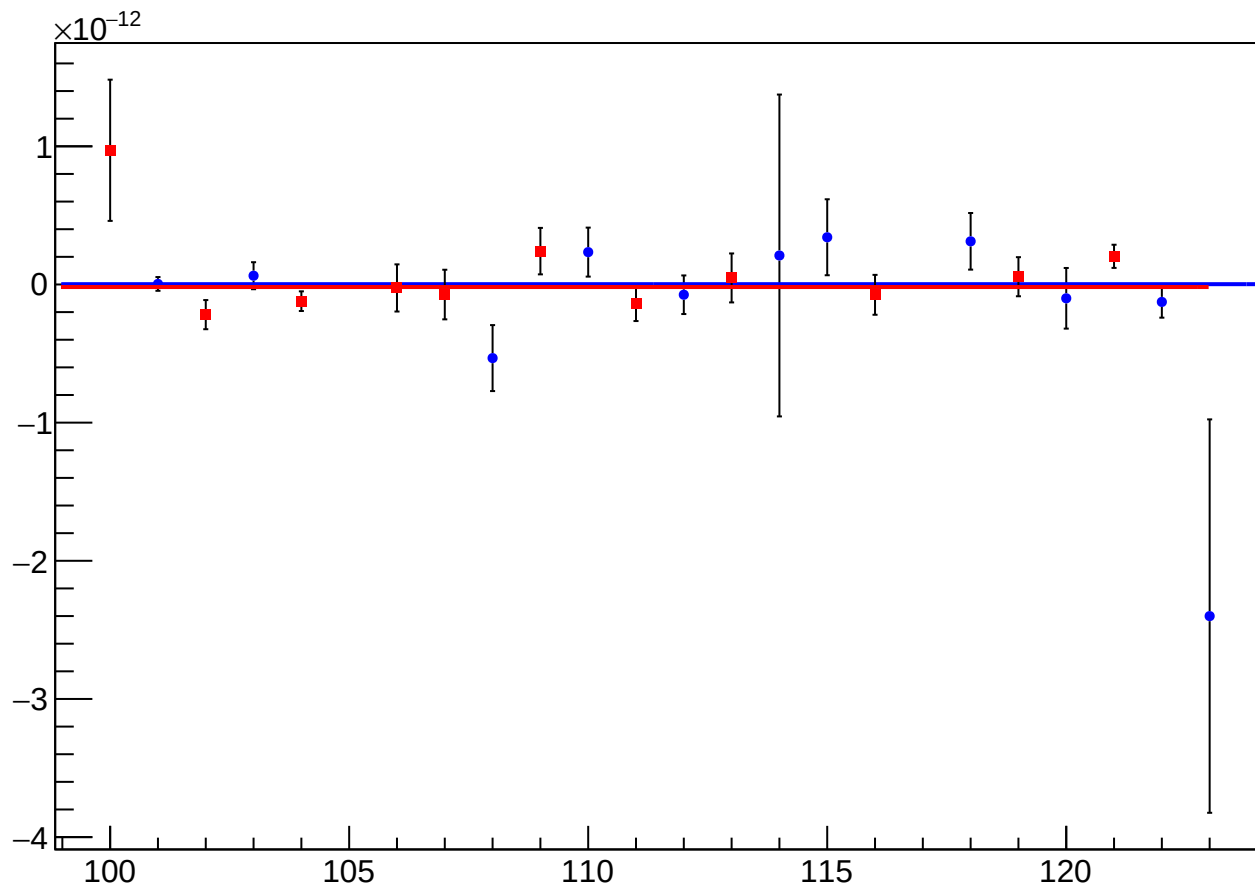
Right: 1950.269+/-0.478 χ^2/NDF : 555173.7/21

In: 1968.465+/-0.701 χ^2/NDF : 353961.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.269+/-0.478 χ^2/NDF : 555173.7/21

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

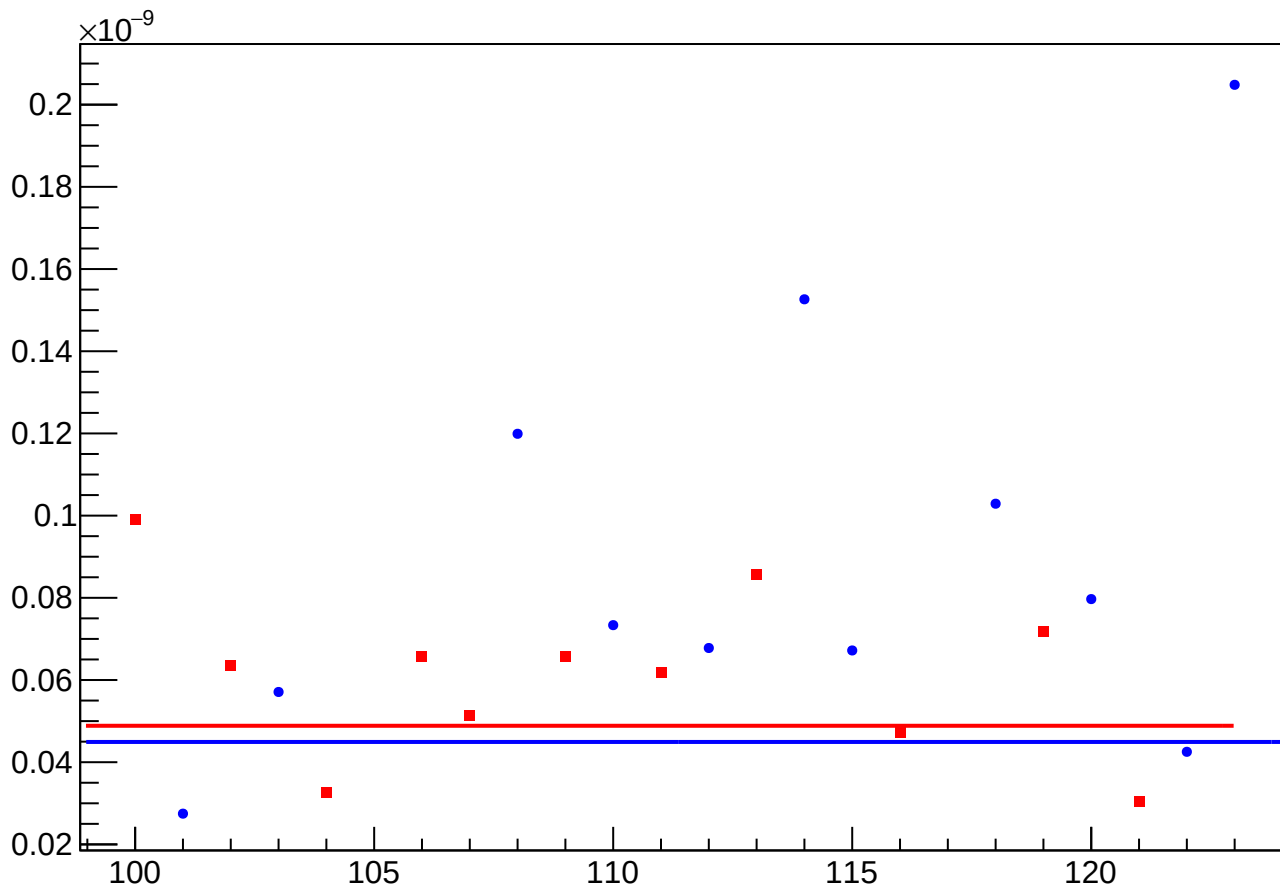
Right: -0.000+/-0.000 χ^2/NDF : 36.2/21

In: 0.000+/-0.000 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/21

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 845131.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 458865.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

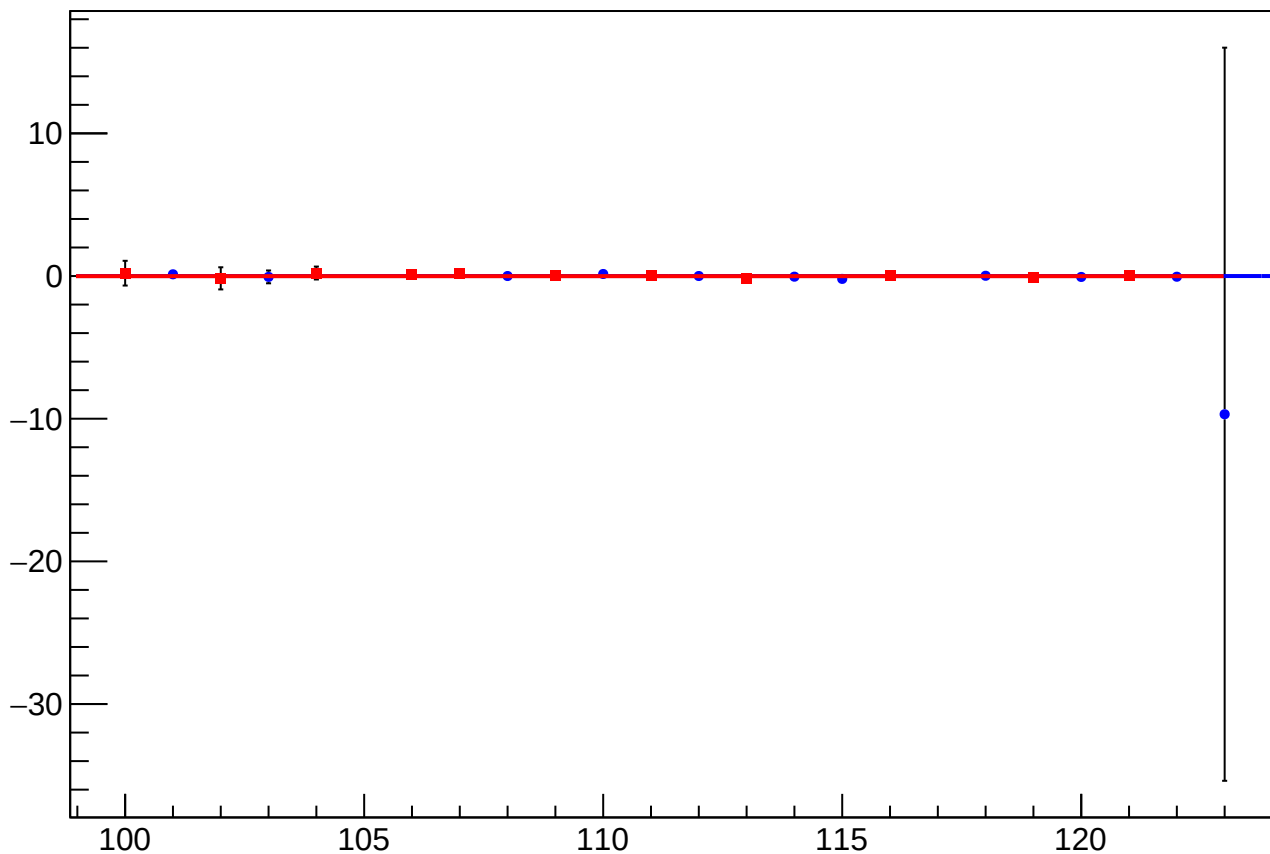
Right: 0.000+/-0.000 χ^2/NDF : 1315402.7/21

In: 0.000+/-0.000 χ^2/NDF : 845131.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1315402.7/21

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

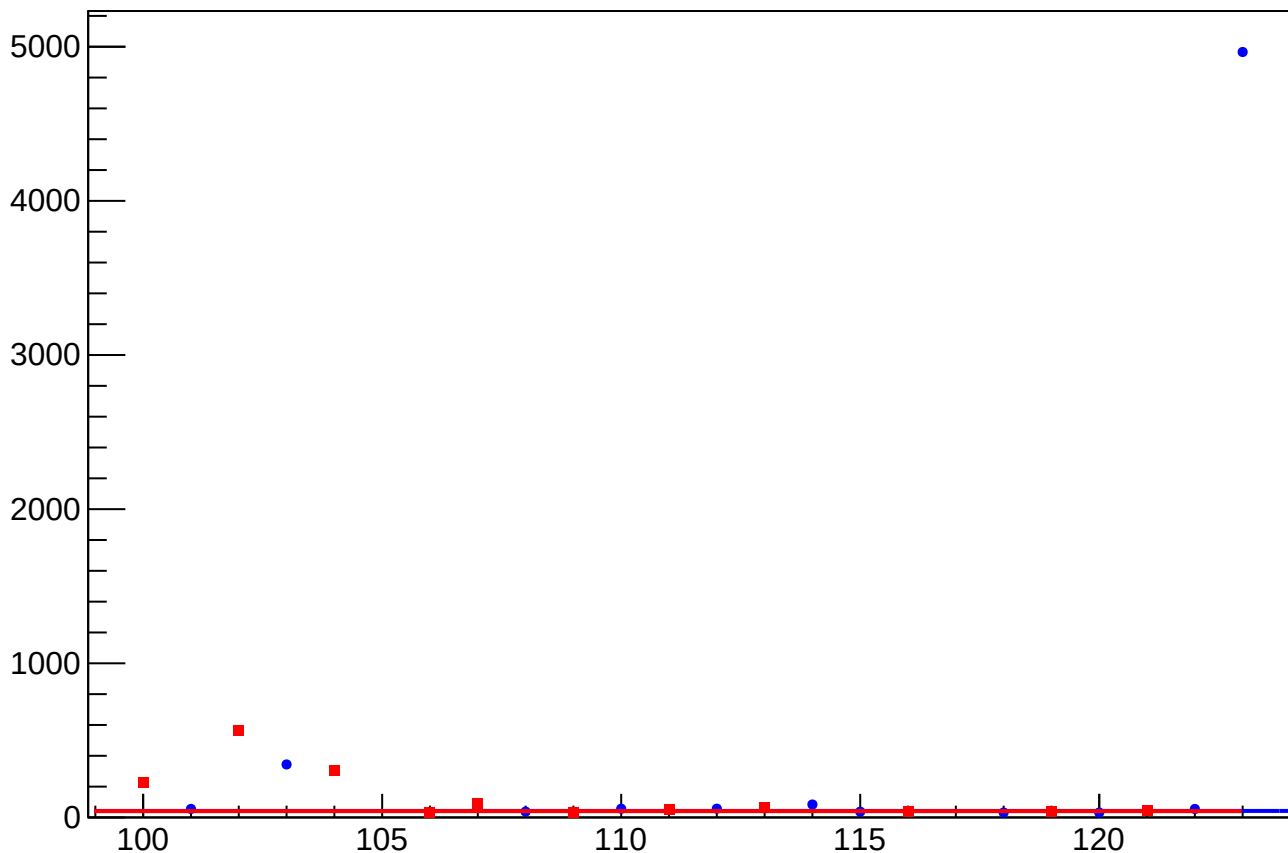
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.948+/-0.017 χ^2/NDF : 2077085.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

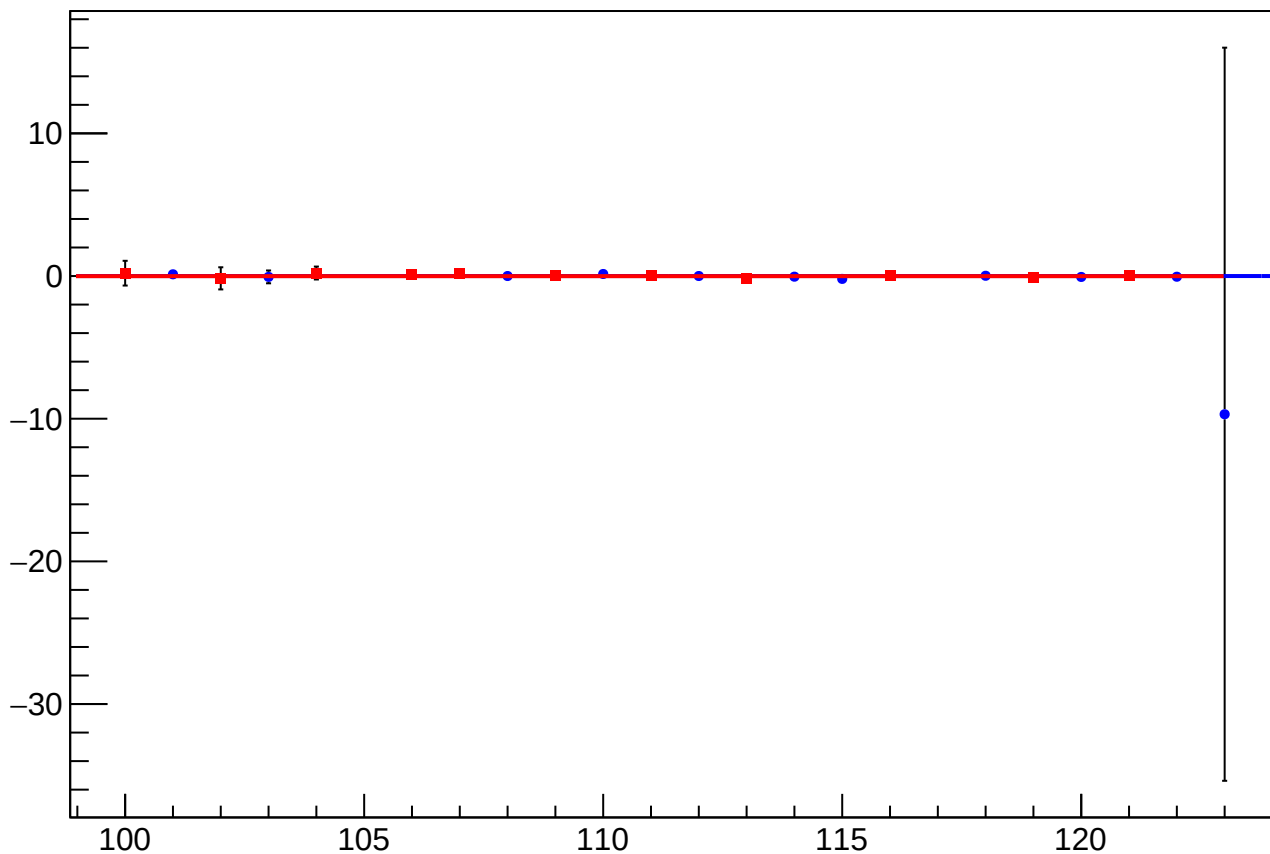
Right: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

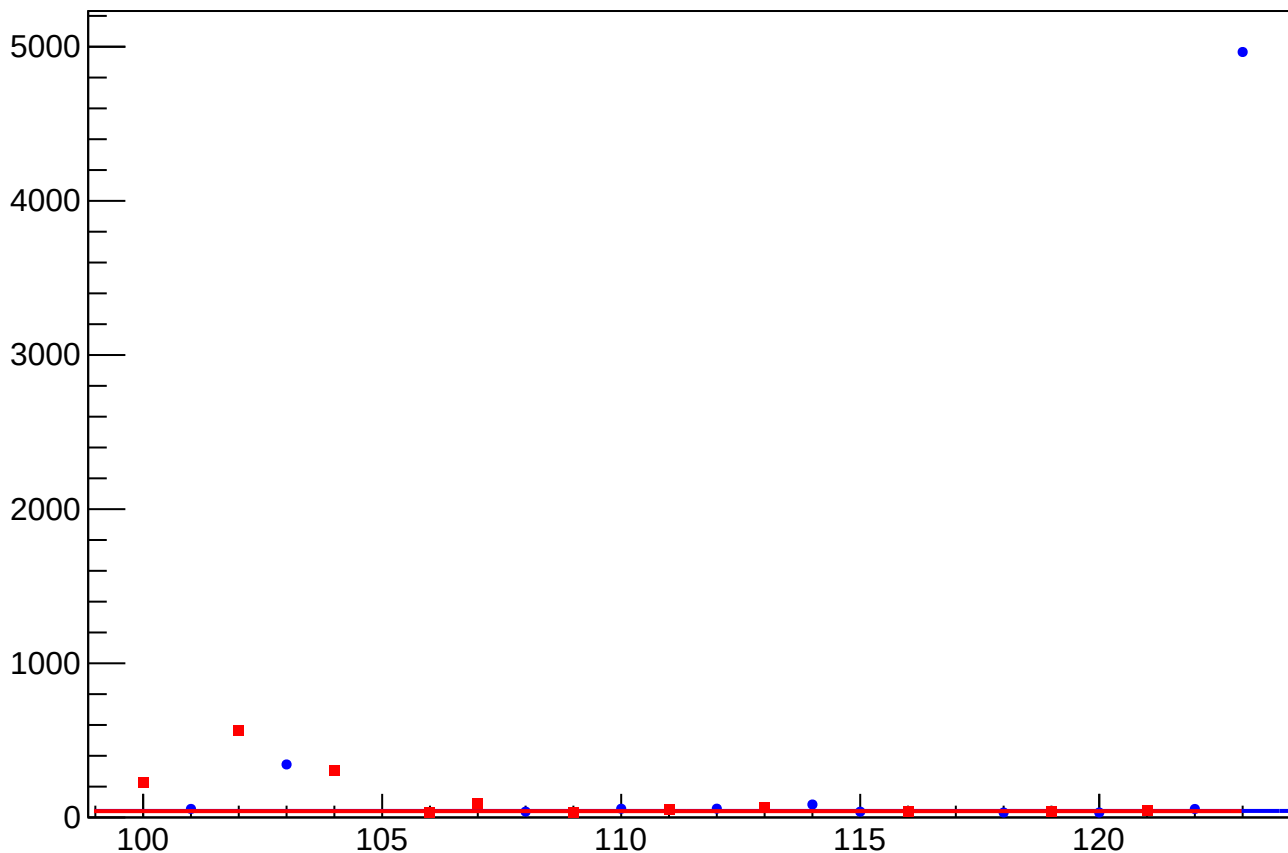
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.948+/-0.017 χ^2/NDF : 2077085.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

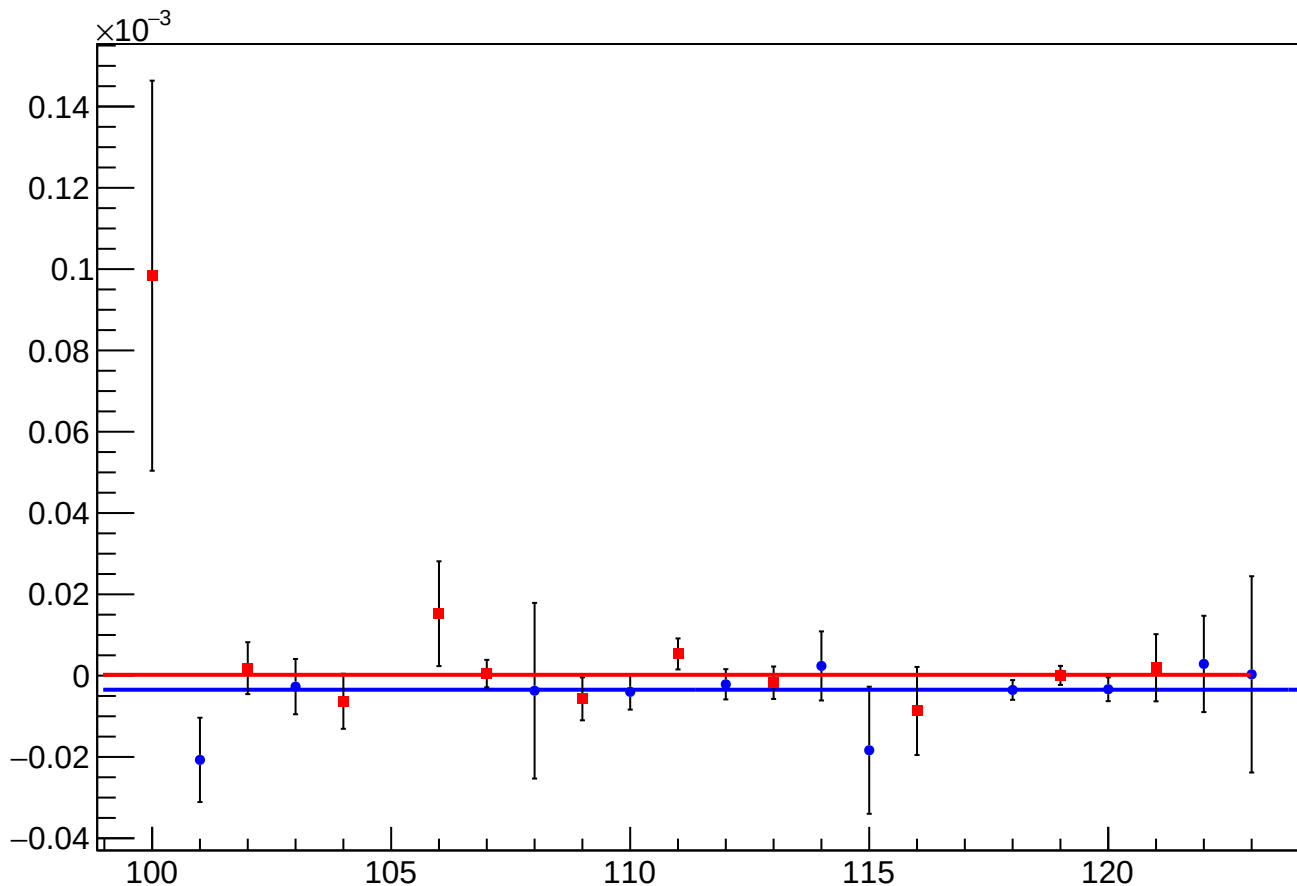
Right: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

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: 4.6/10

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

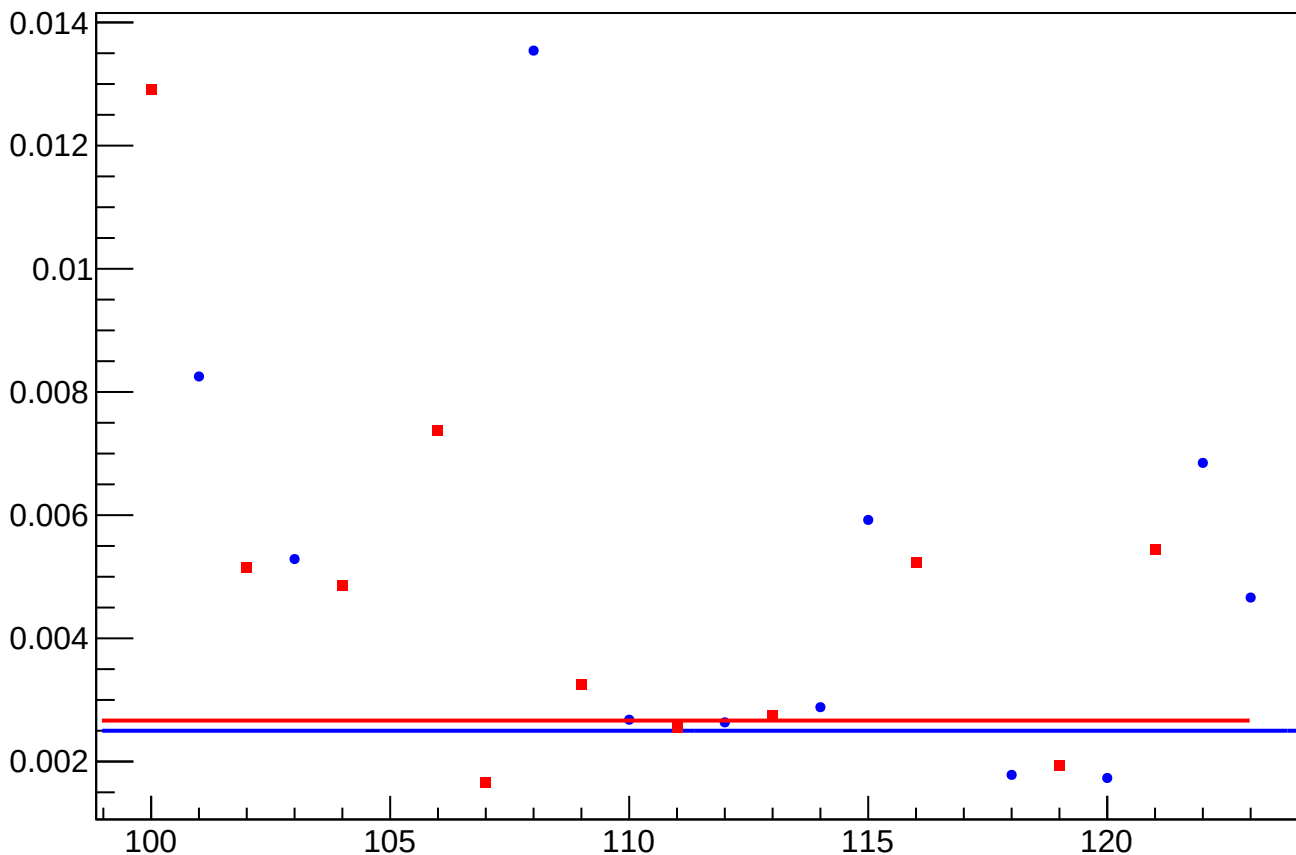
Right: -0.000+/-0.000 χ^2 /NDF: 18.5/21

In: -0.000+/-0.000 χ^2 /NDF:4.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.5/21

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 : 2176950.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1610469.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

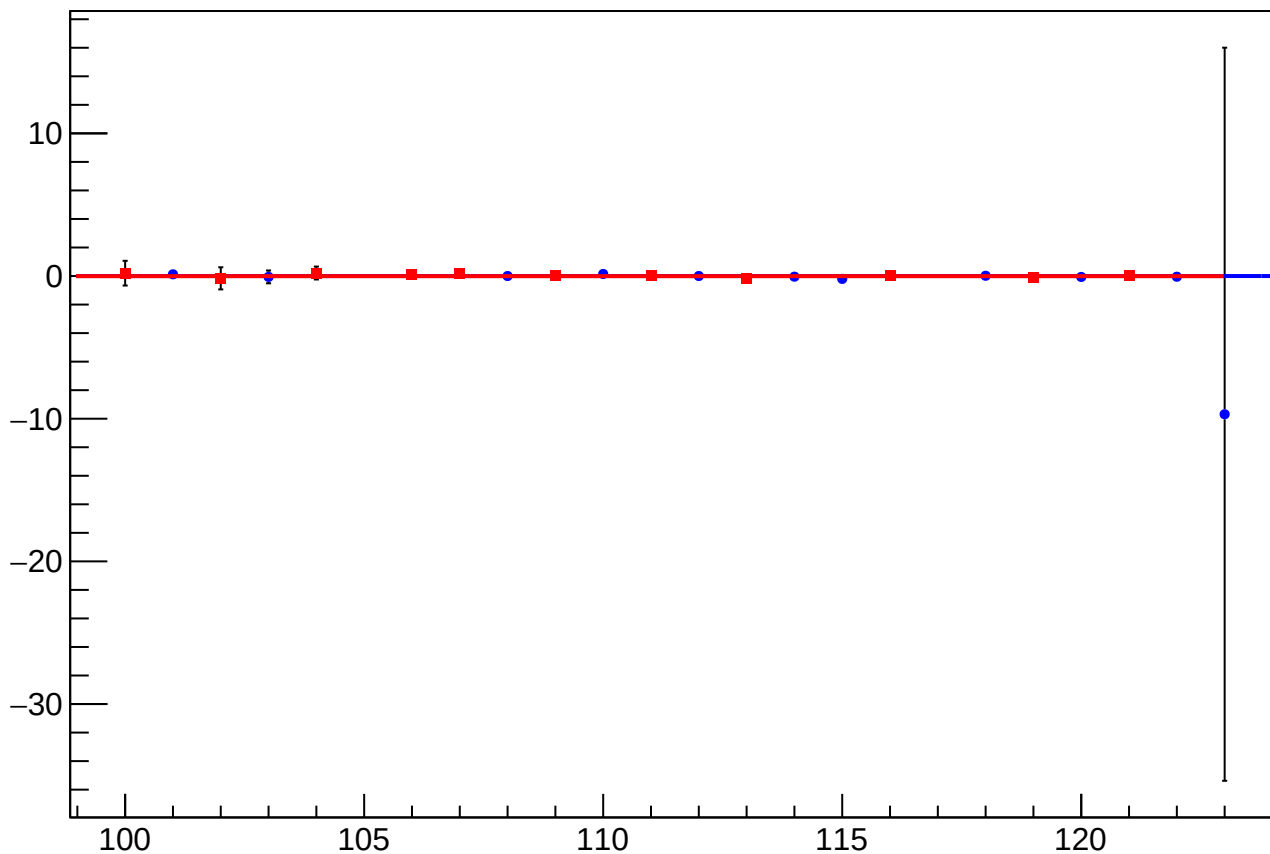
Right: 0.003+/-0.000 χ^2/NDF : 3800813.0/21

In: 0.002+/-0.000 χ^2/NDF :2176950.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3800813.0/21

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

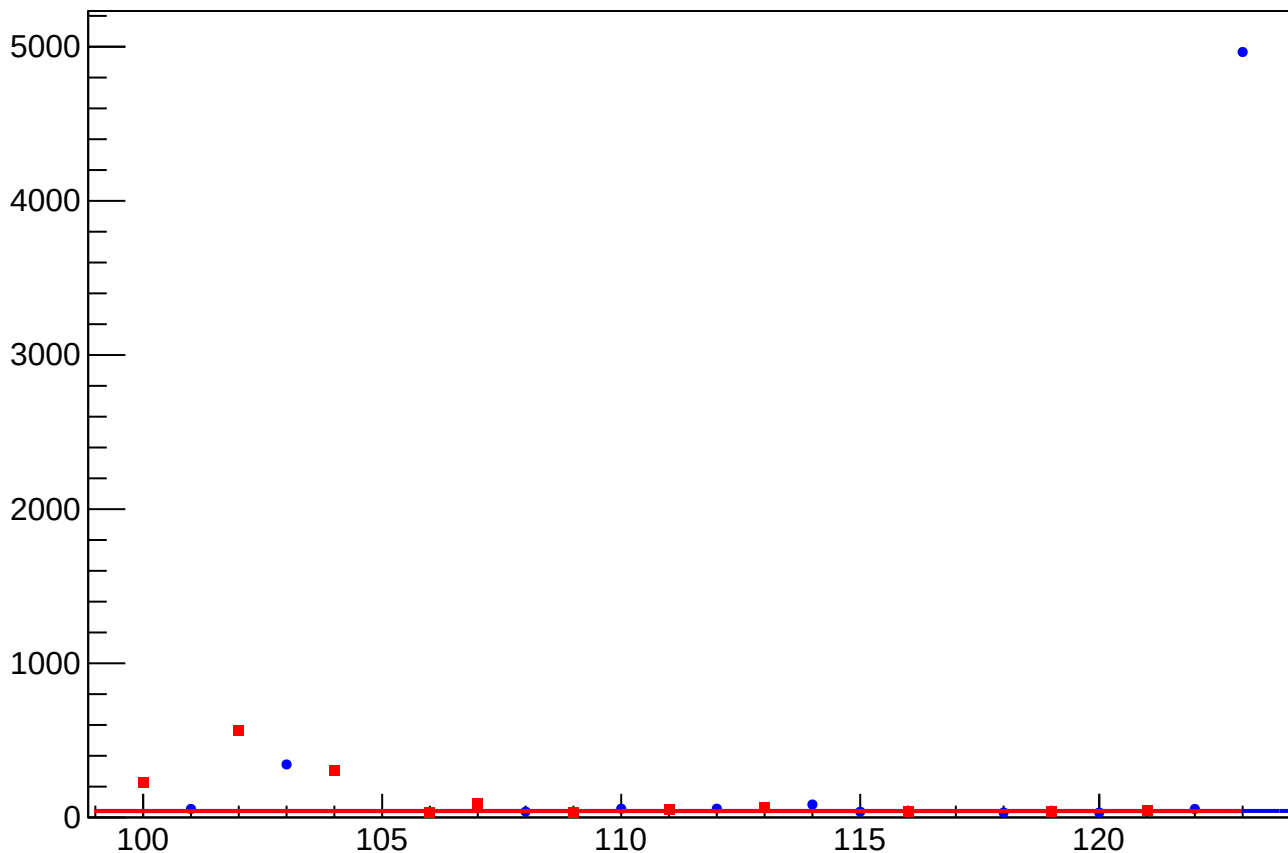
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.947+/-0.017 χ^2/NDF : 2077131.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

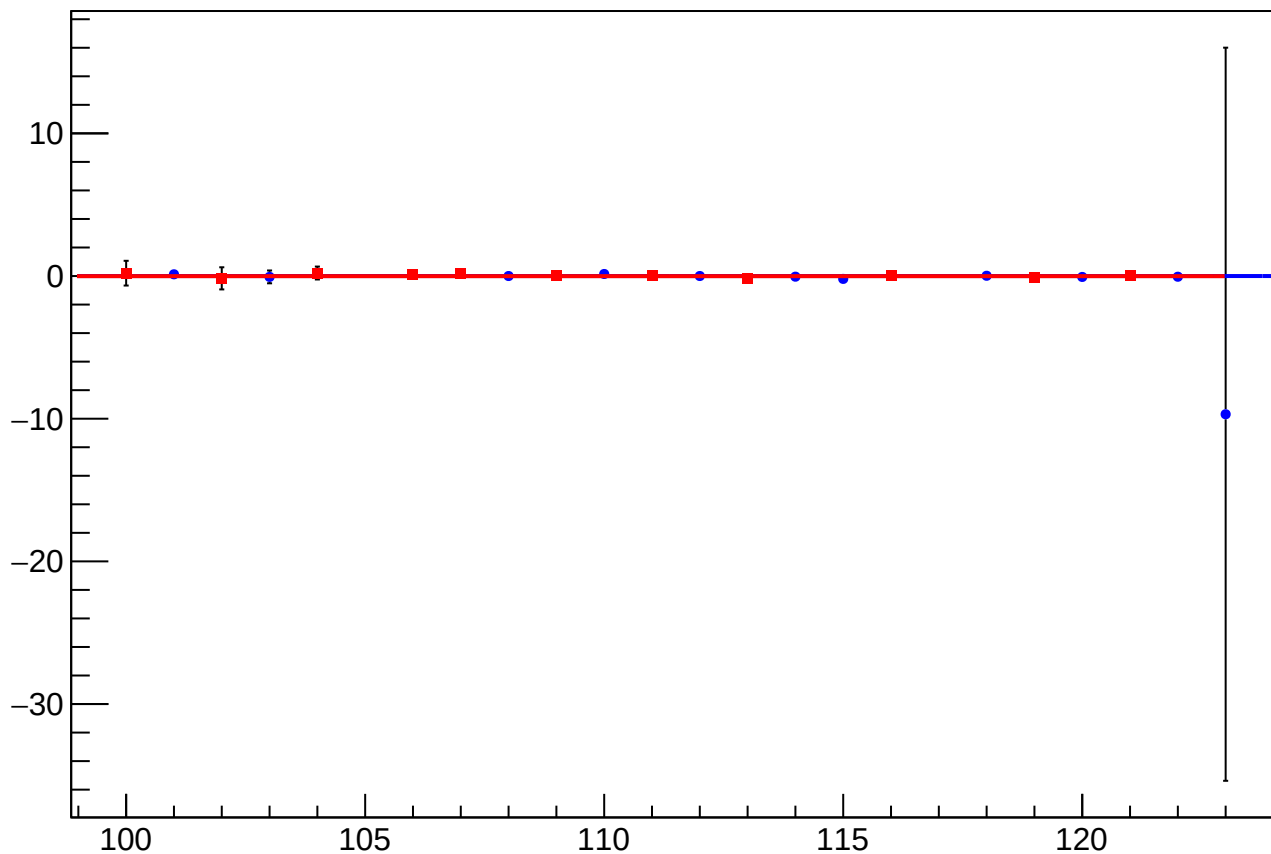
Right: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

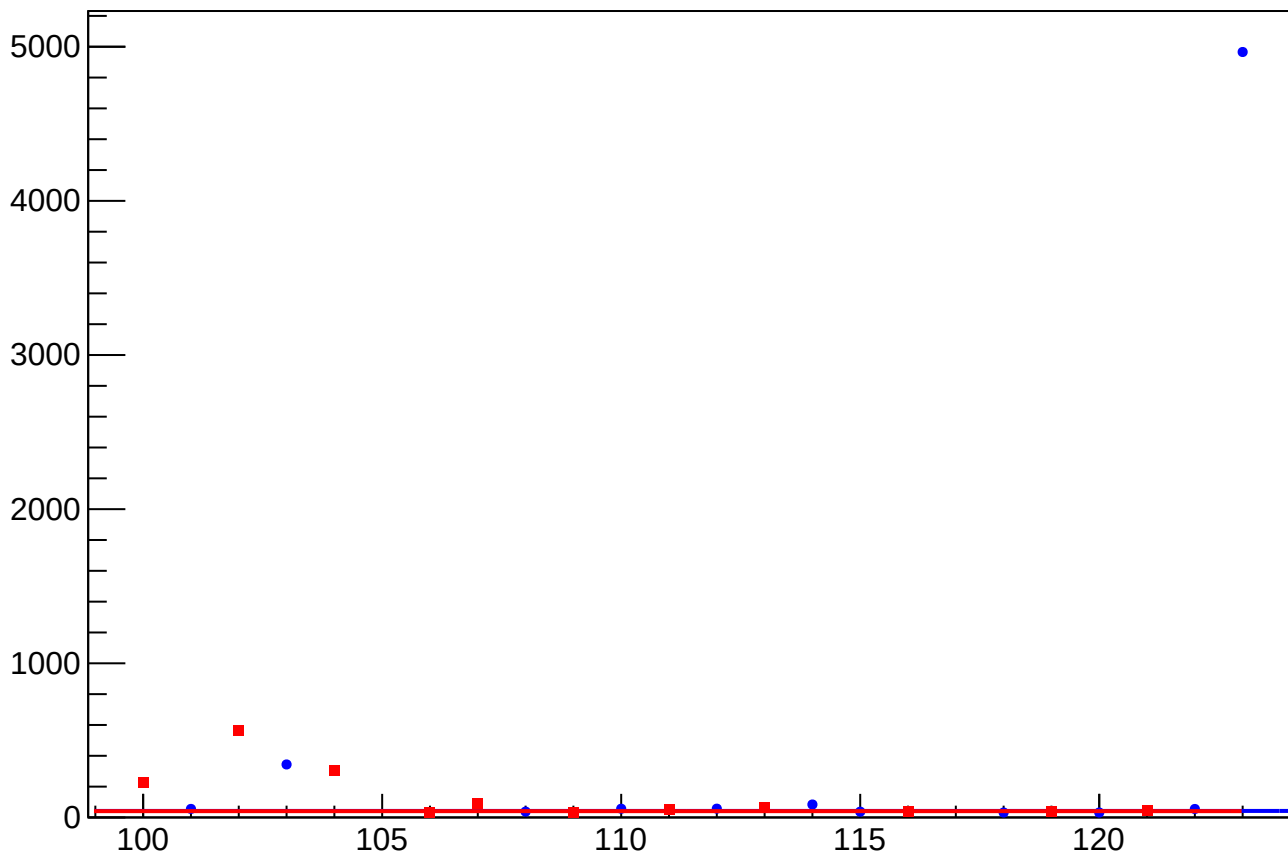
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.947+/-0.017 χ^2/NDF : 2077131.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

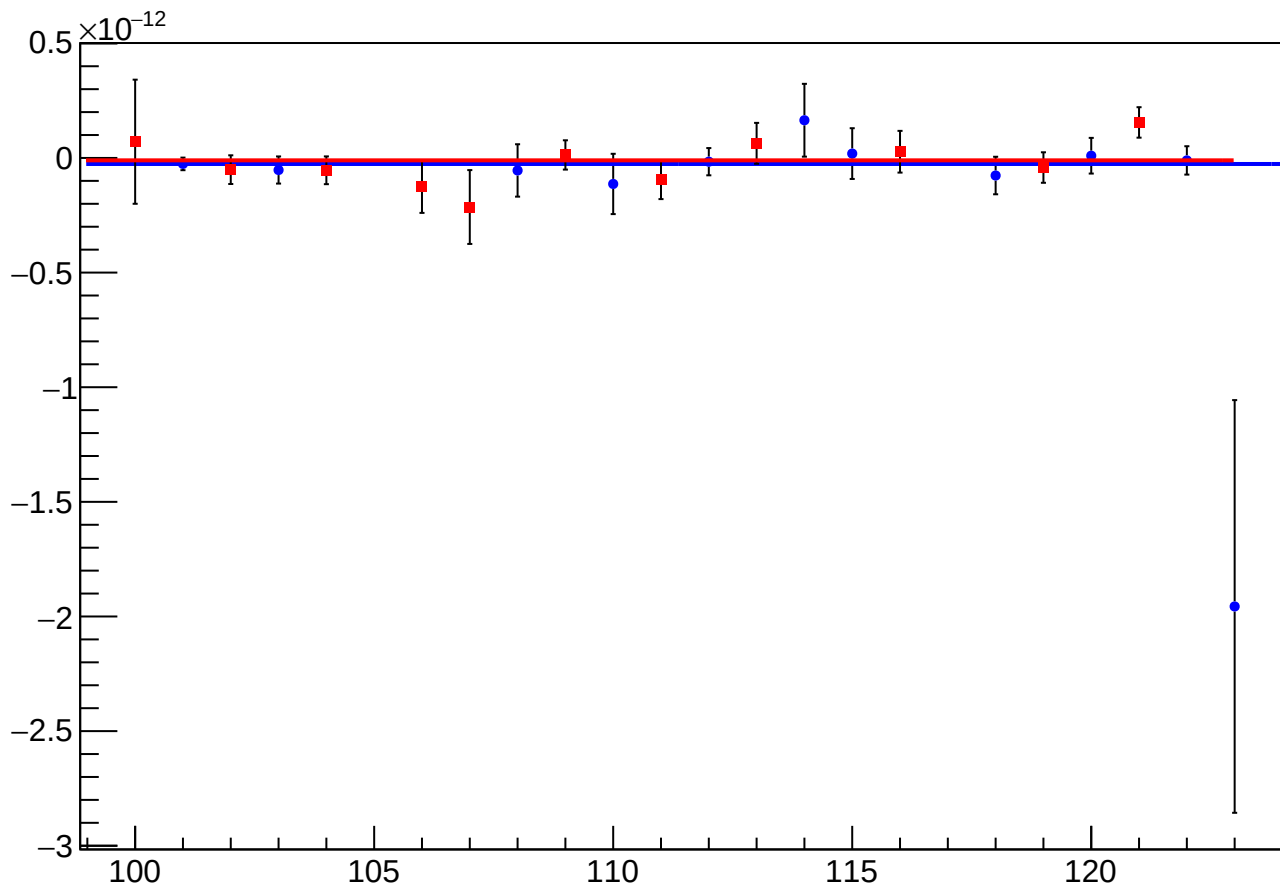
Right: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

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 : 7.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 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

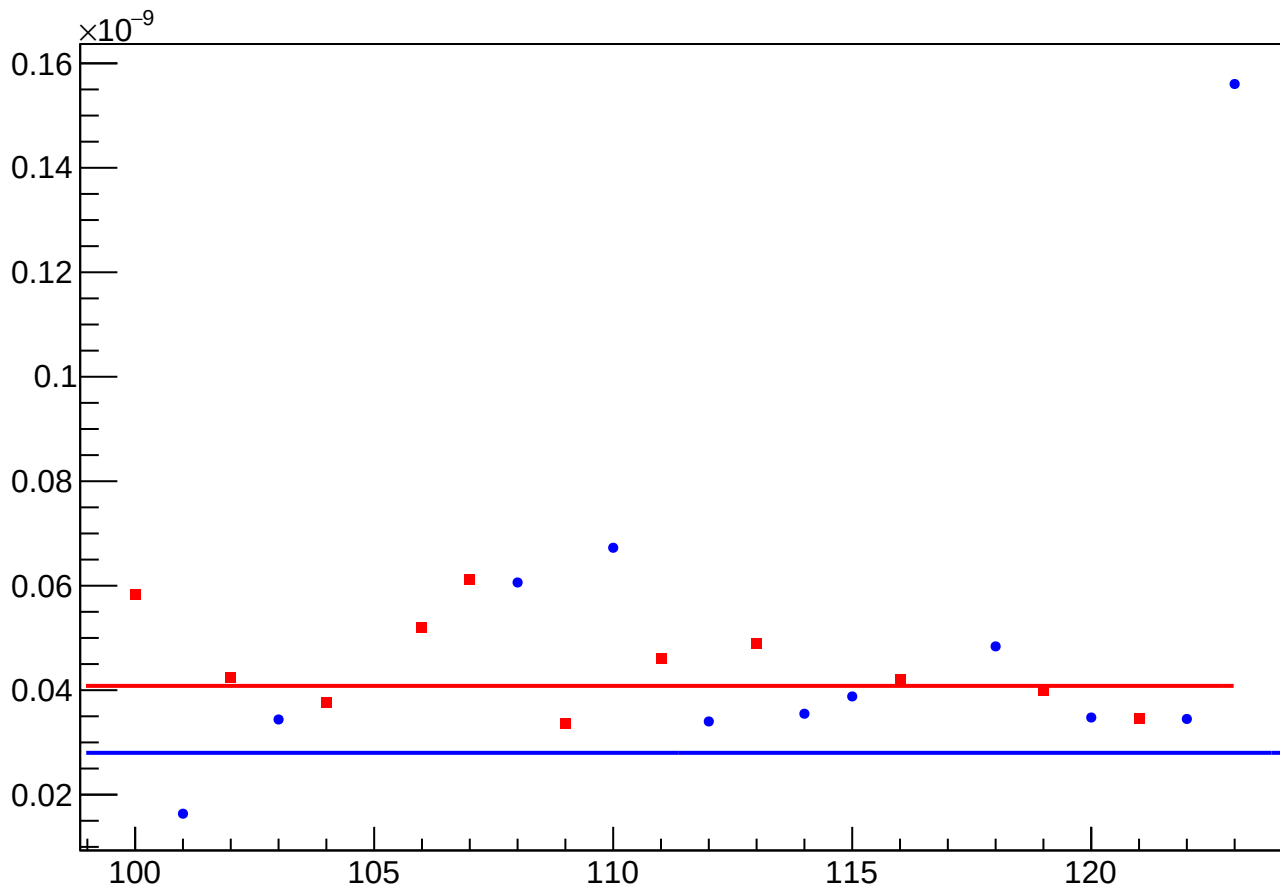
Right: -0.000 ± 0.000 χ^2/NDF : 20.0/21

In: -0.000 ± 0.000 χ^2/NDF : 7.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.0/21

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 : 970530.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134507.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

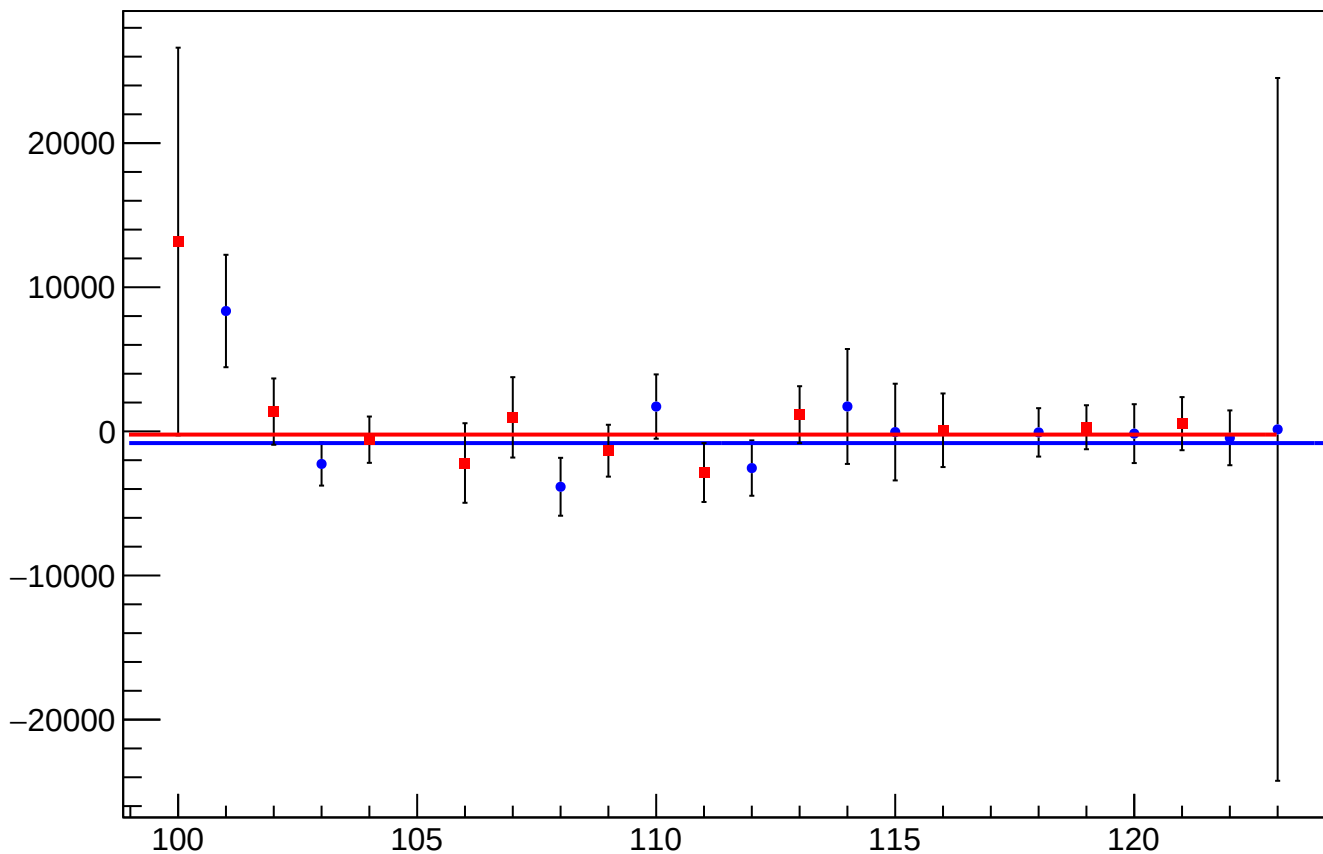
Right: 0.000+/-0.000 χ^2/NDF : 1454528.9/21

In: 0.000+/-0.000 χ^2/NDF : 970530.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1454528.9/21

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -812.788+/-666.265 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -222.774+/-629.493 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

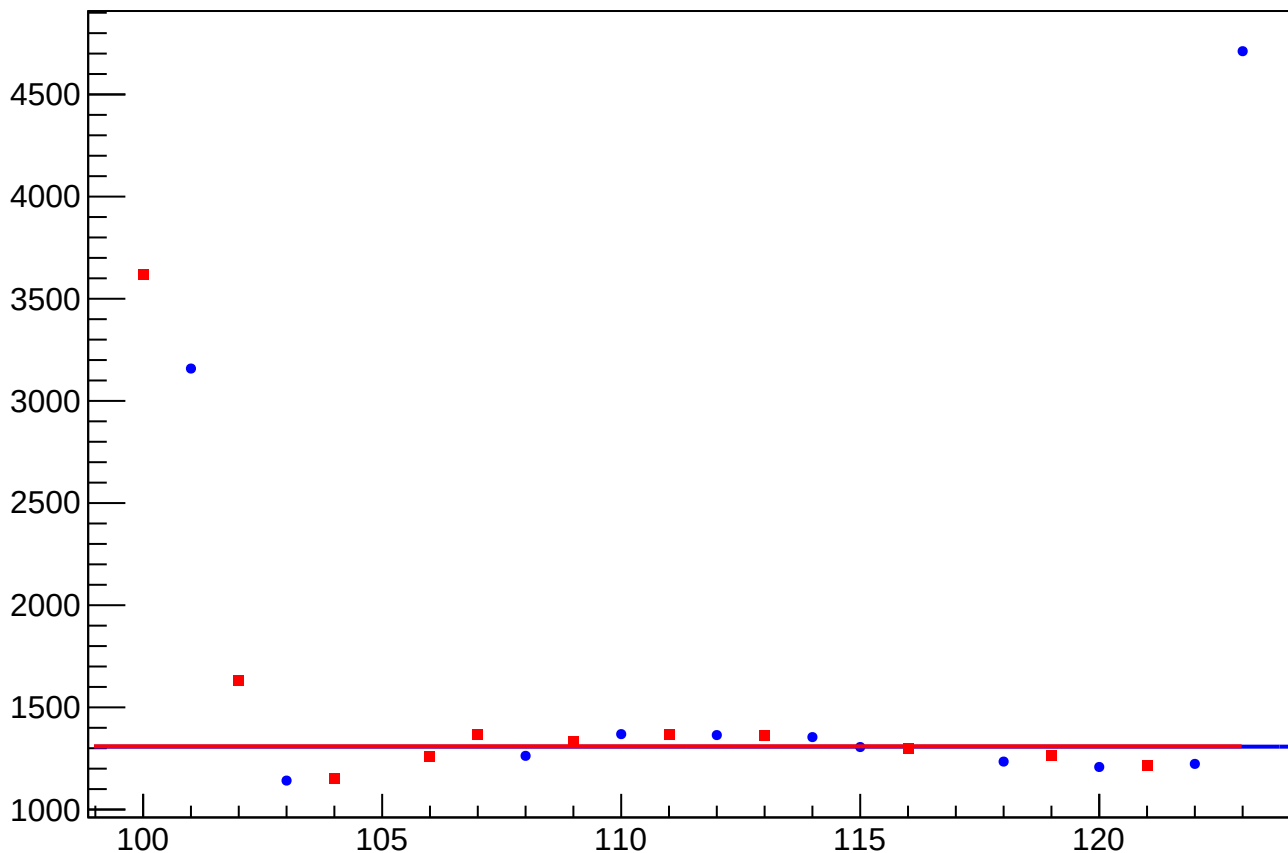
Right: -501.051+/-457.566 χ^2 /NDF: 17.1/21

In: -812.788+/-666.265 χ^2 /NDF:11.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -501.051+/-457.566 χ^2 /NDF: 17.1/21

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2 /NDF: 530771.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1309.336+/-0.443 χ^2 /NDF: 130154.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

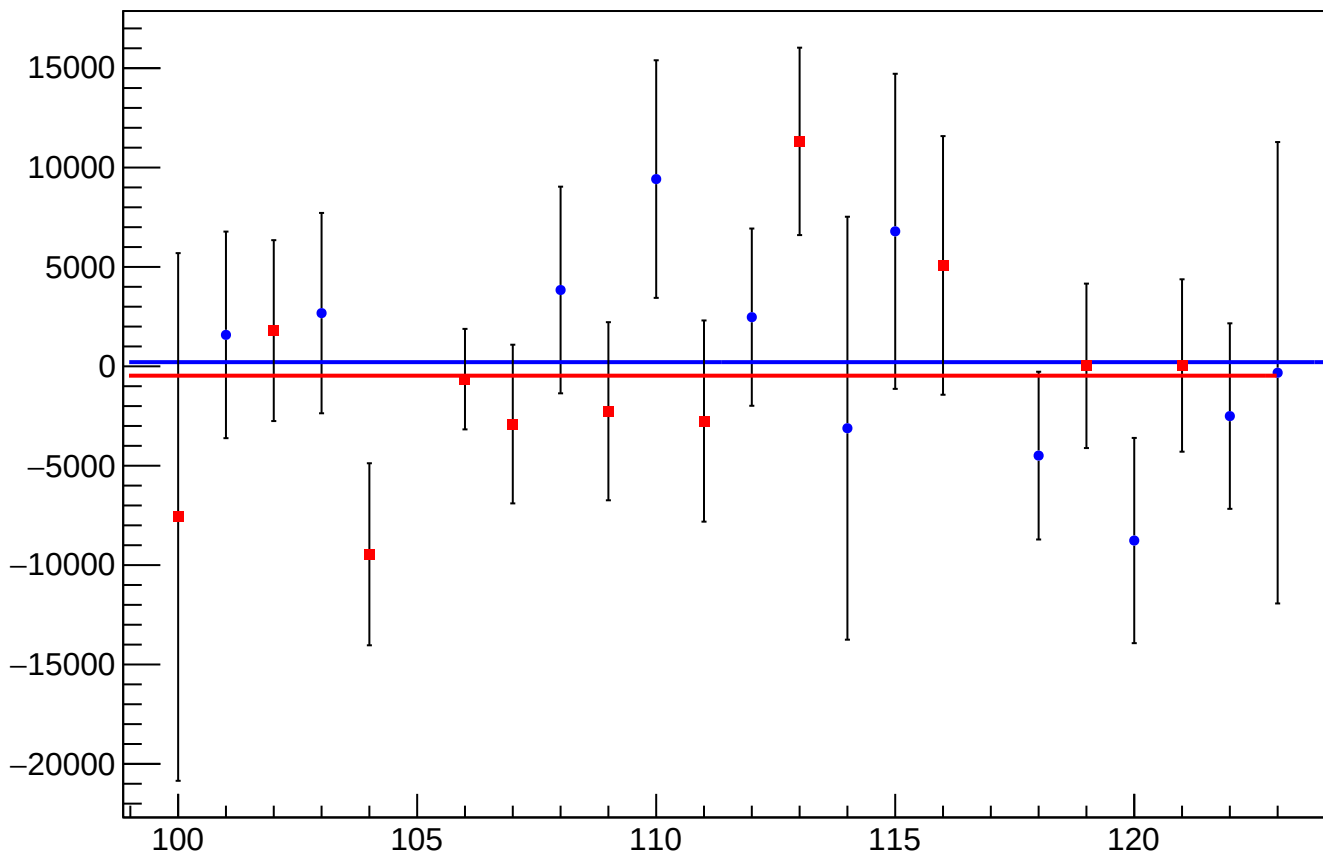
Right: 1308.579+/-0.323 χ^2 /NDF: 660932.2/21

In: 1307.723+/-0.471 χ^2 /NDF:530771.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1308.579+/-0.323 χ^2 /NDF: 660932.2/21

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 210.215+/-1658.653 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.279+/-1301.867 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

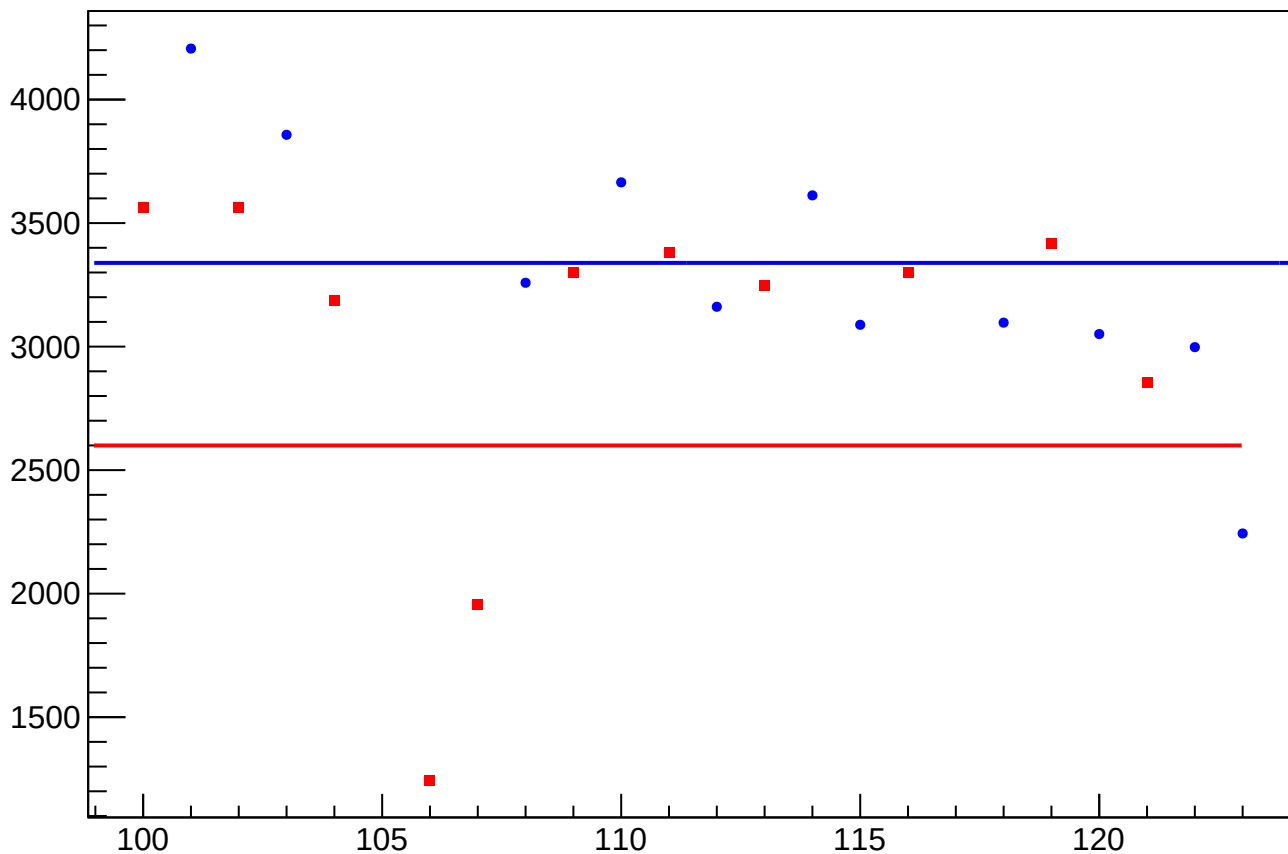
Right: -210.867+/-1024.090 χ^2/NDF : 21.1/21

In: 210.215+/-1658.653 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.867+/-1024.090 χ^2/NDF : 21.1/21

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3338.870+/-1.173 χ^2/NDF : 131140.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2599.798+/-0.921 χ^2/NDF : 1003170.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

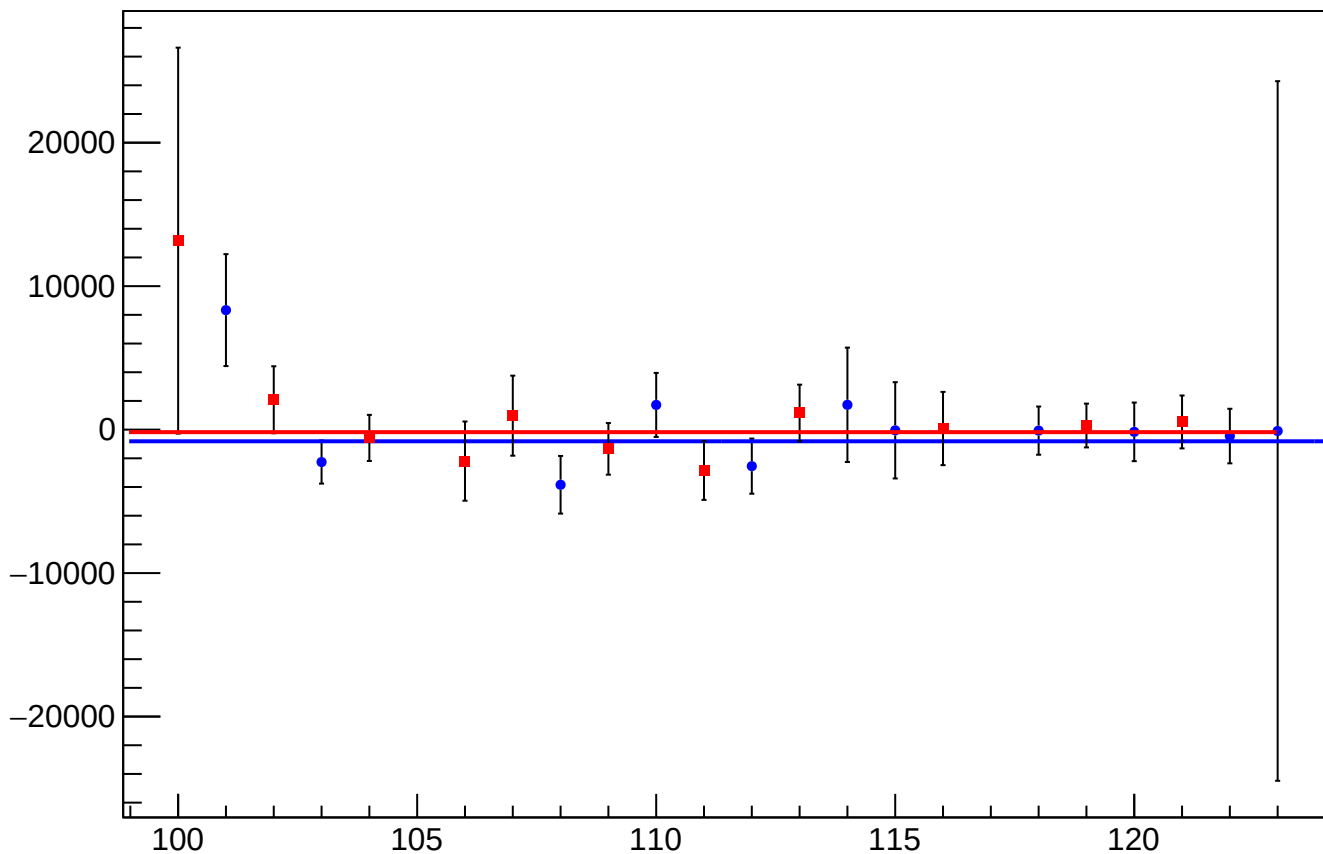
Right: 2881.540+/-0.724 χ^2/NDF : 1380027.1/21

In: 3338.870+/-1.173 χ^2/NDF : 131140.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.540+/-0.724 χ^2/NDF : 1380027.1/21

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -813.680+/-666.265 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.690+/-630.189 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

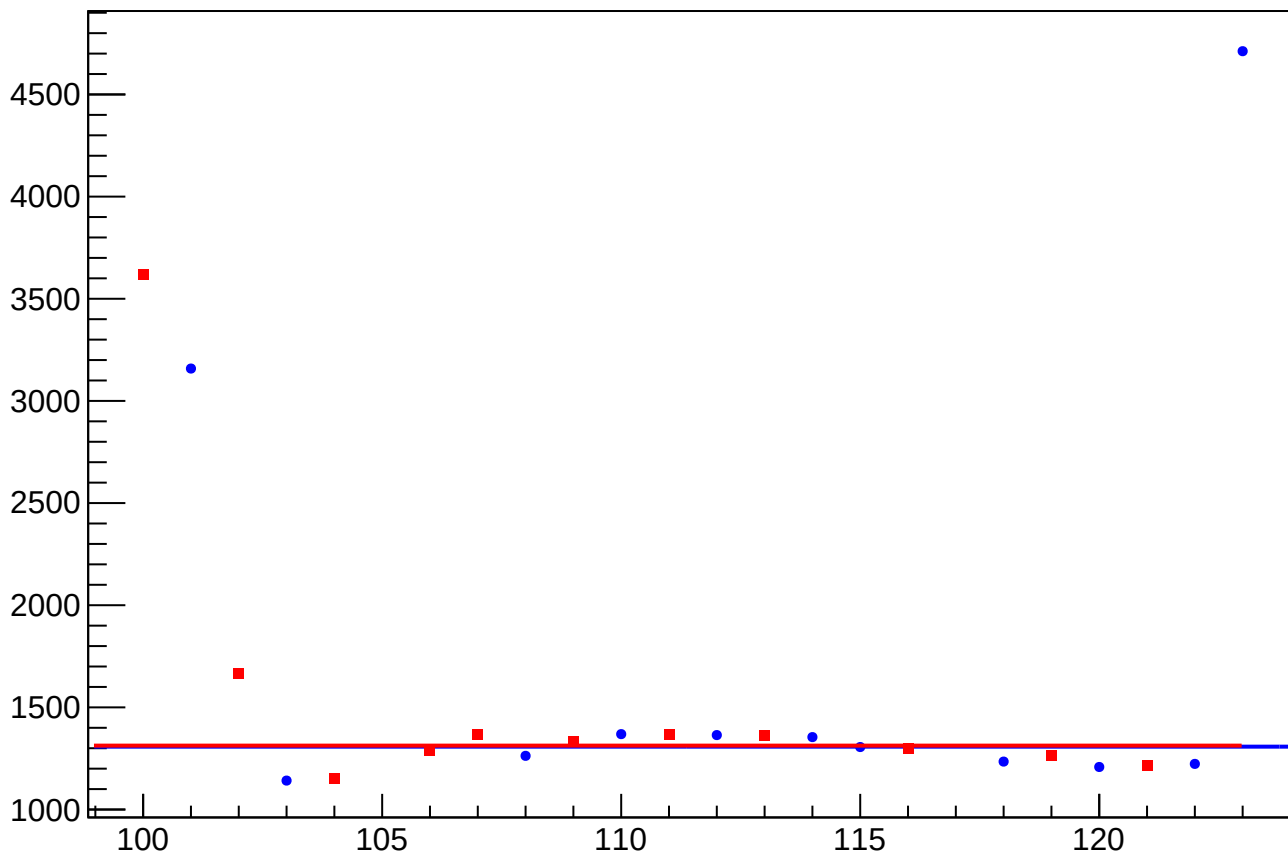
Right: -476.418+/-457.834 χ^2/NDF : 17.6/21

In: -813.680+/-666.265 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.418+/-457.834 χ^2/NDF : 17.6/21

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.760+/-0.444 χ^2/NDF : 136298.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

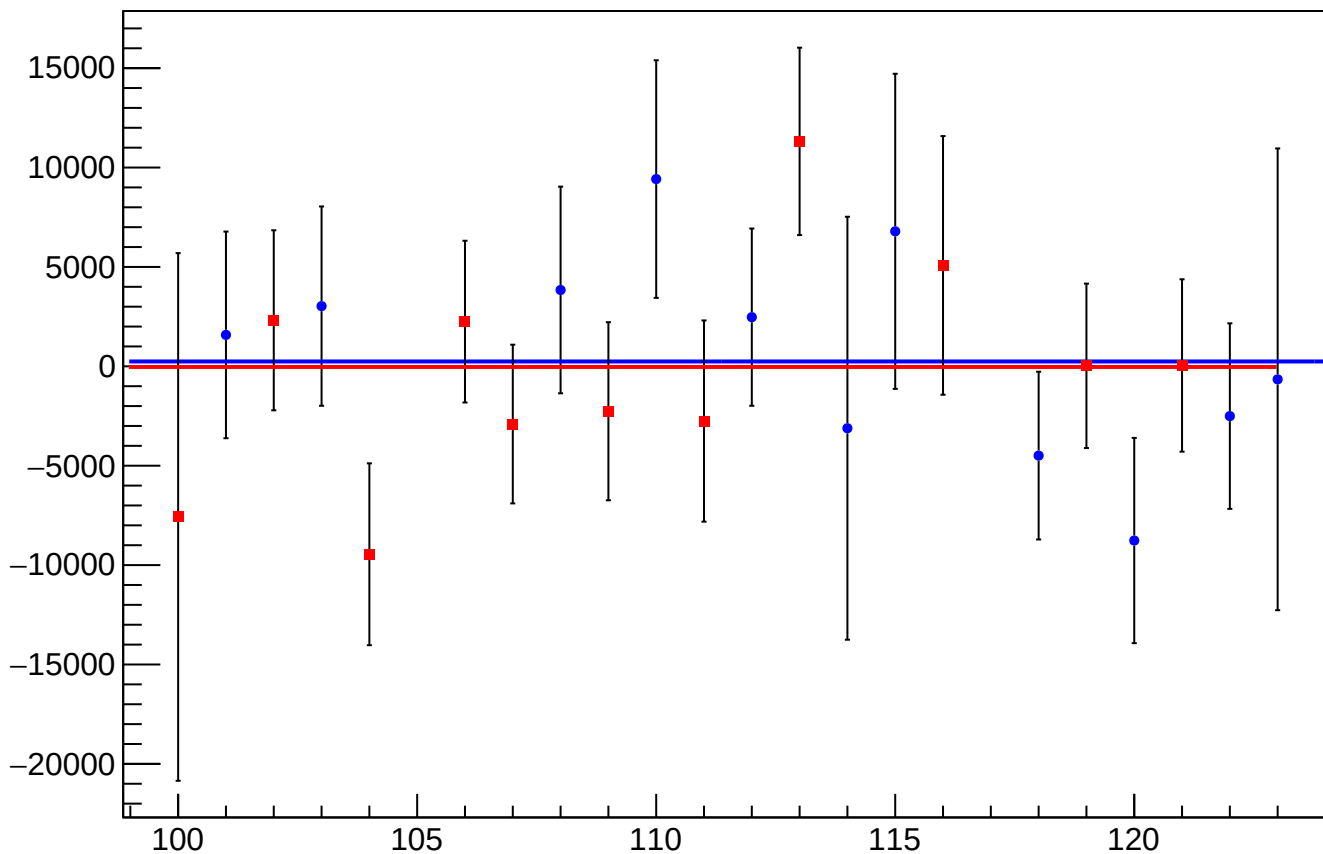
Right: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.439+/-1422.045 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

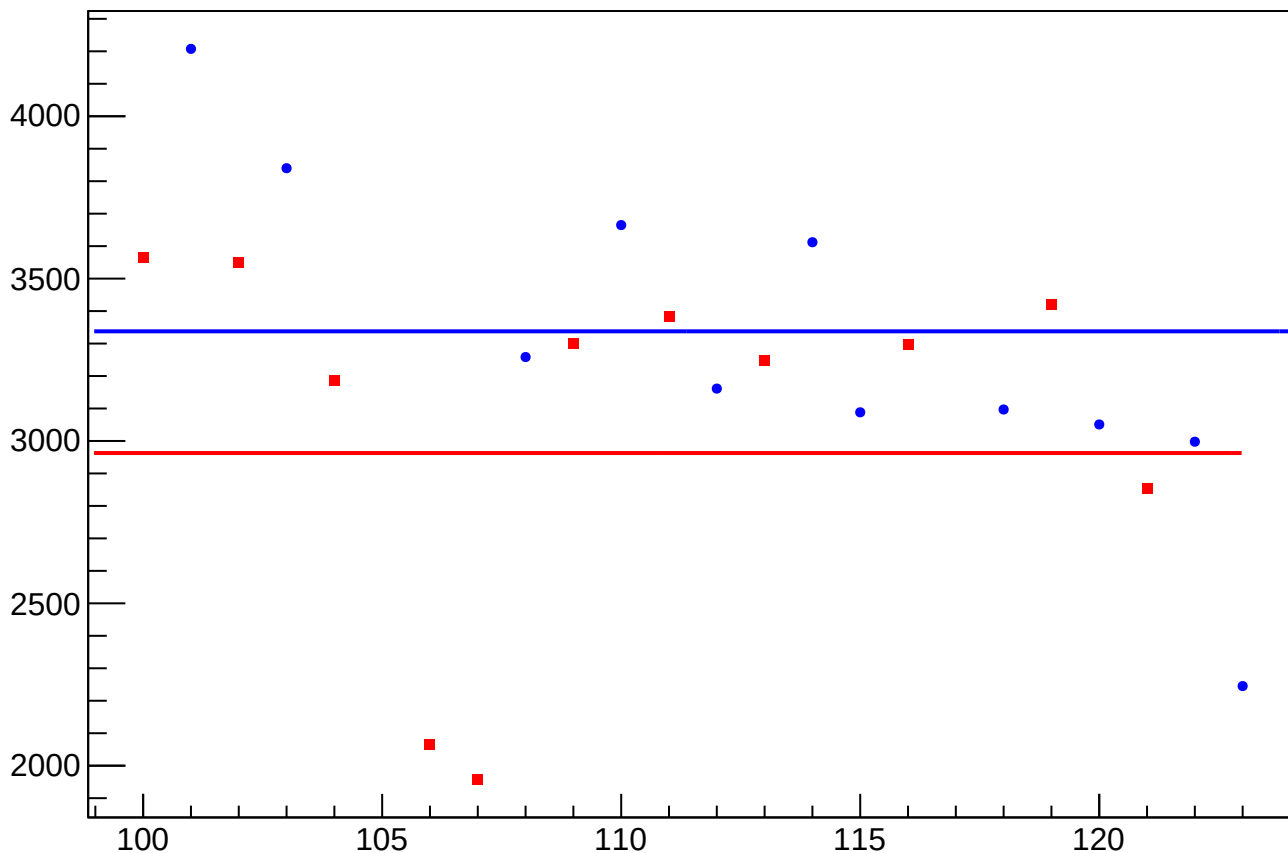
Right: 85.479+/-1079.348 χ^2/NDF : 21.5/21

In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-1079.348 χ^2/NDF : 21.5/21

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.873+/-1.006 χ^2/NDF : 330424.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

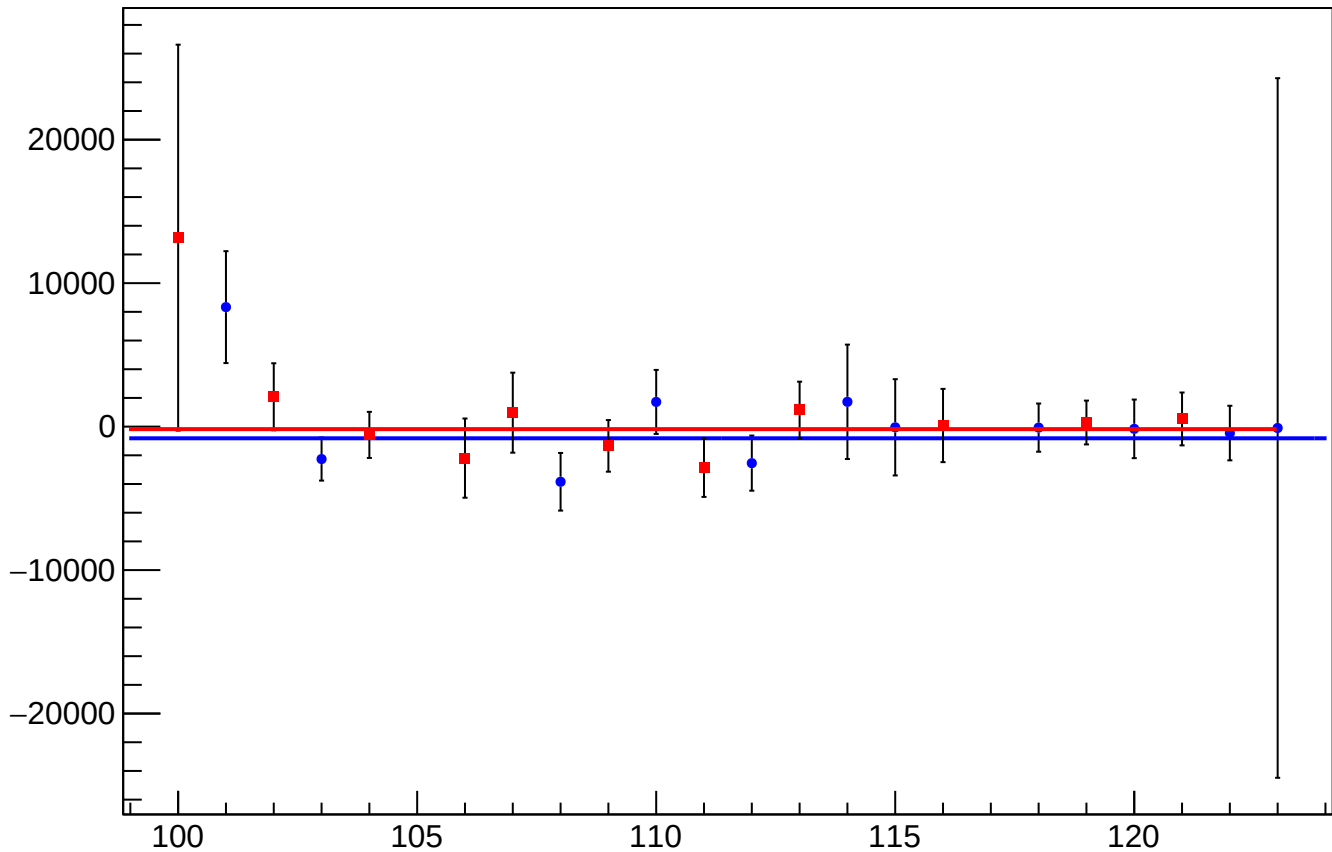
Right: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -813.680+/-666.265 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -174.690+/-630.189 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

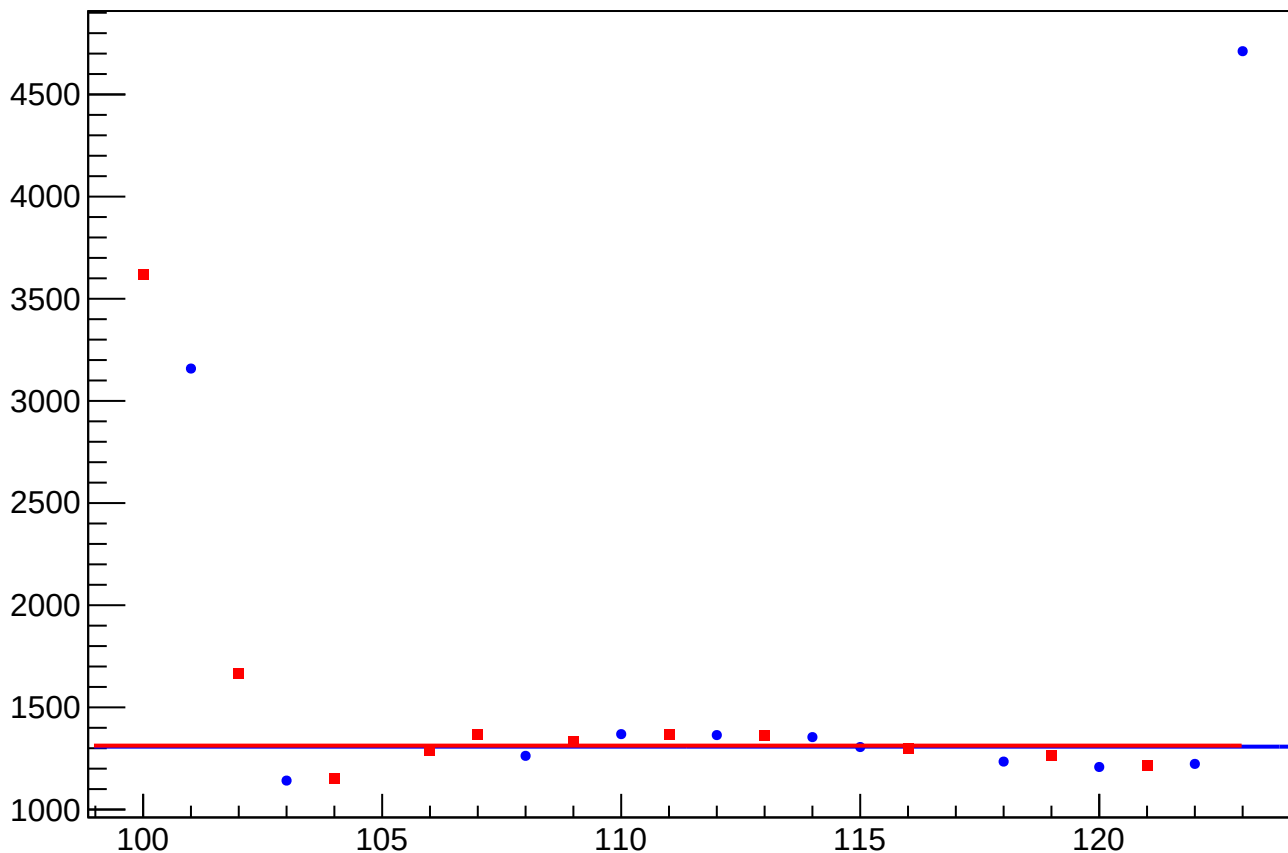
Right: -476.418+/-457.834 χ^2 /NDF: 17.6/21

In: -813.680+/-666.265 χ^2 /NDF:11.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -476.418+/-457.834 χ^2 /NDF: 17.6/21

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.760+/-0.444 χ^2/NDF : 136298.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

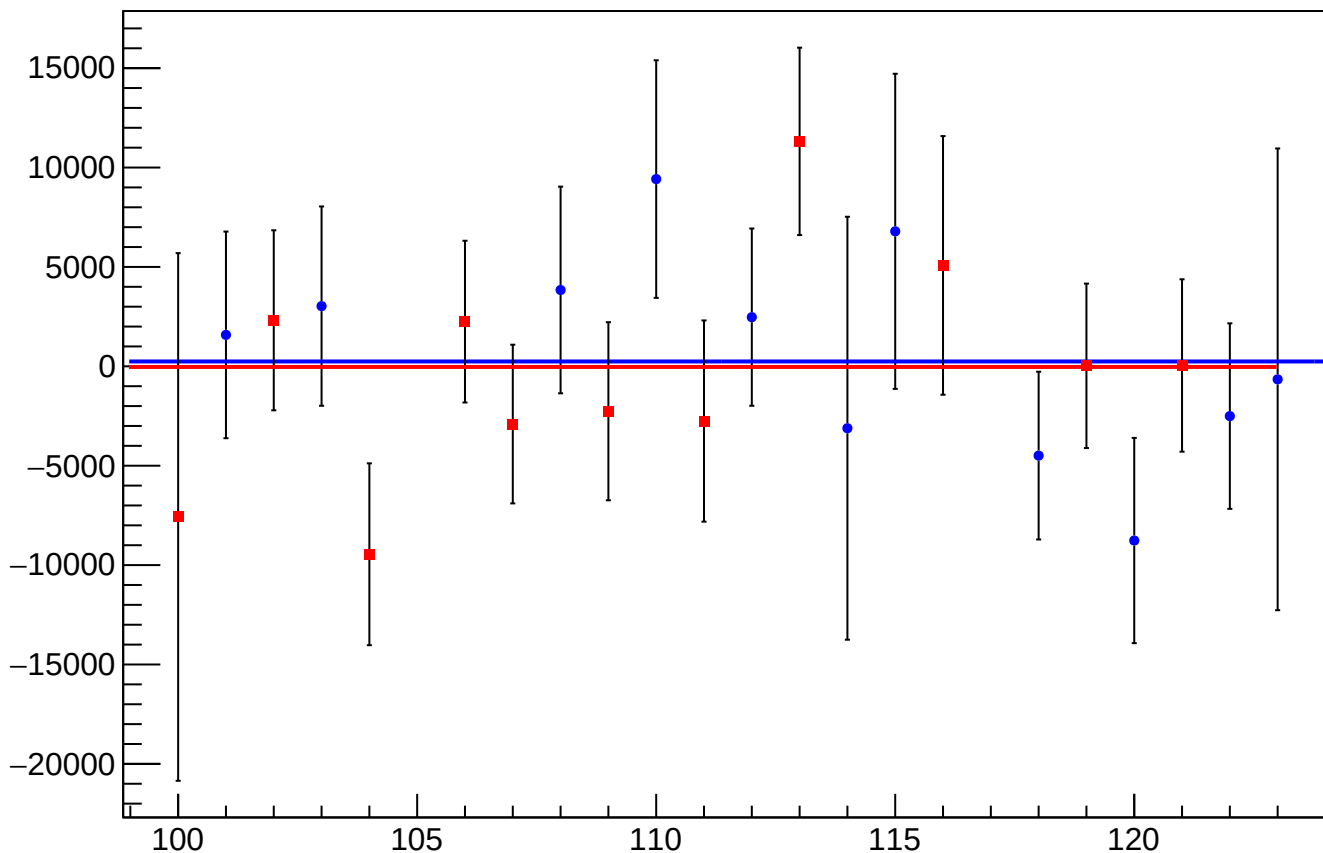
Right: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.439+/-1422.045 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

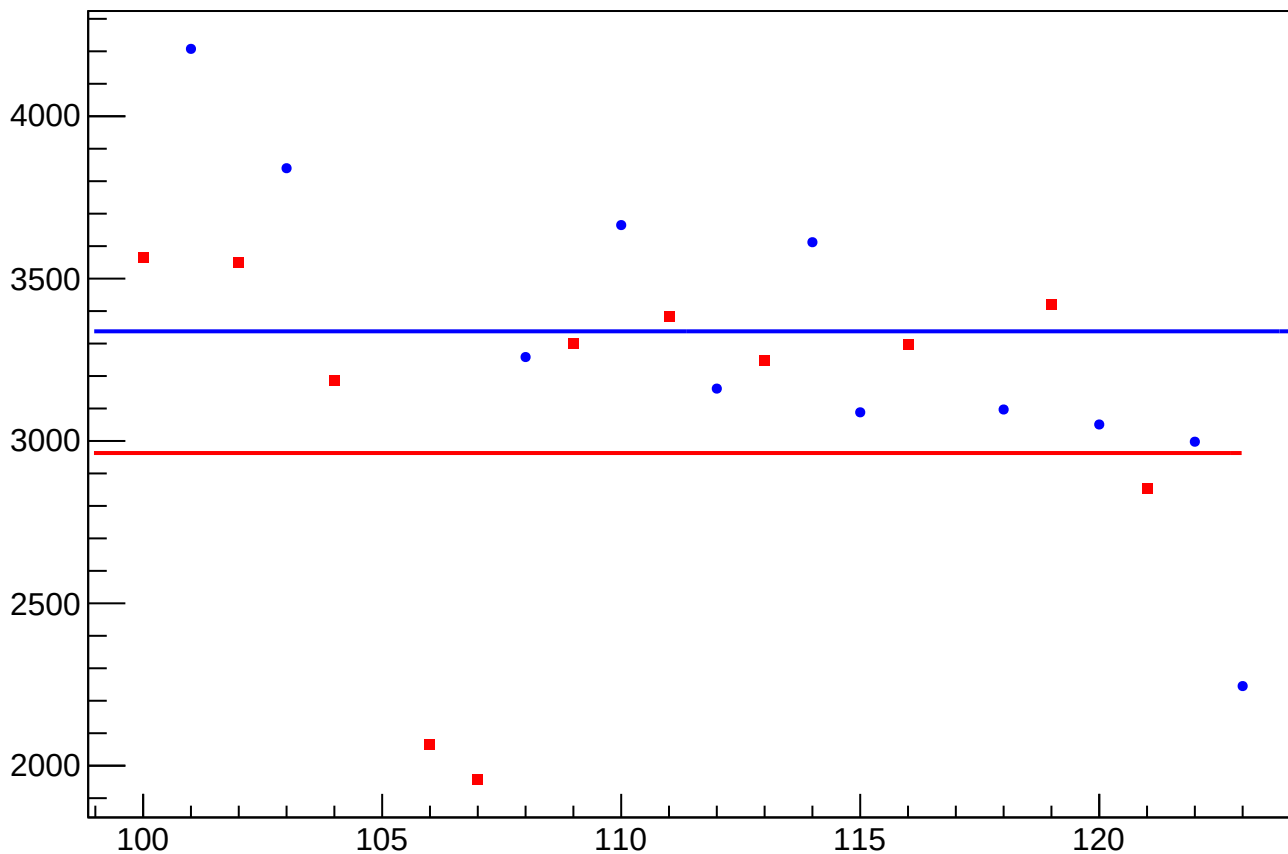
Right: 85.479+/-1079.348 χ^2/NDF : 21.5/21

In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-1079.348 χ^2/NDF : 21.5/21

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.873+/-1.006 χ^2/NDF : 330424.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

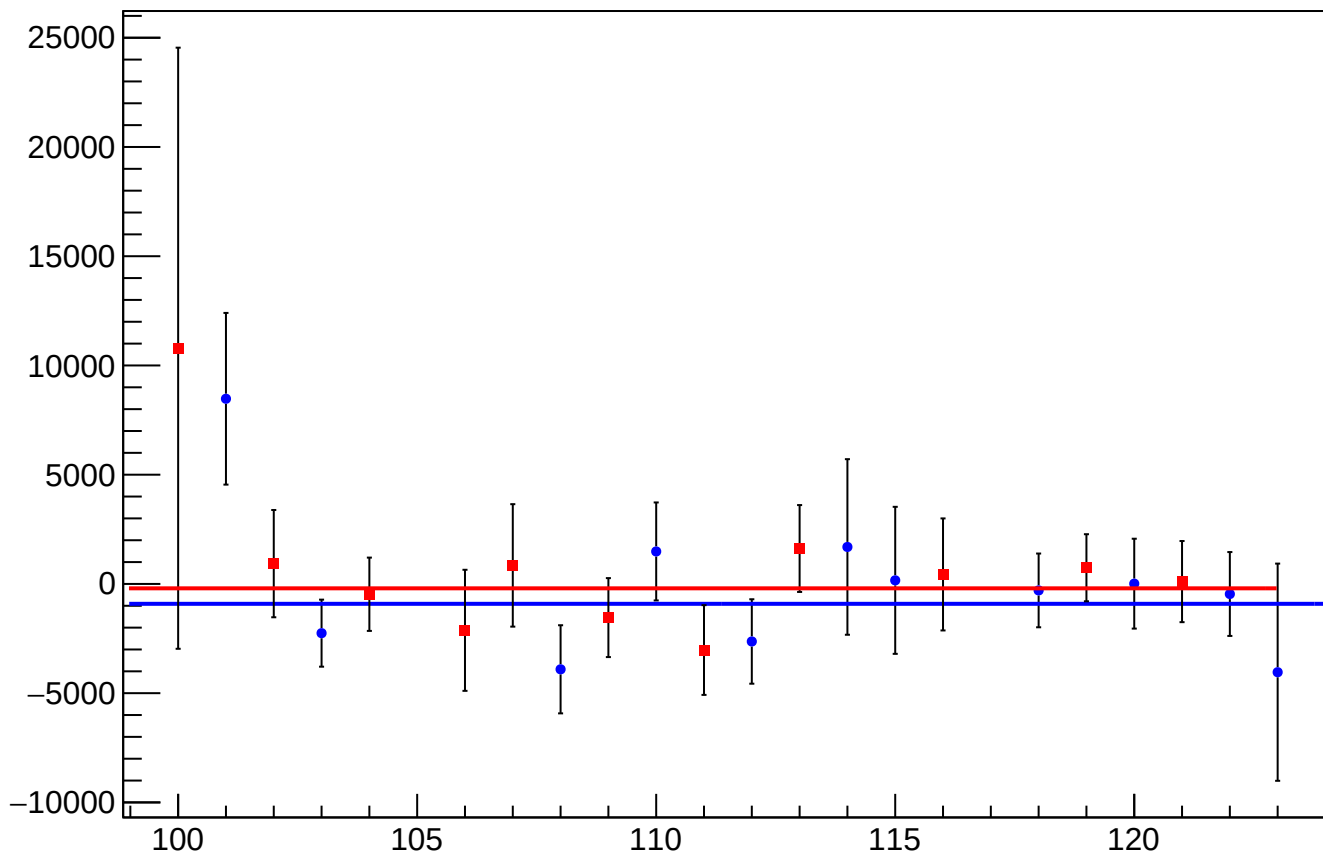
Right: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -909.907+/-666.470 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.279+/-639.298 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

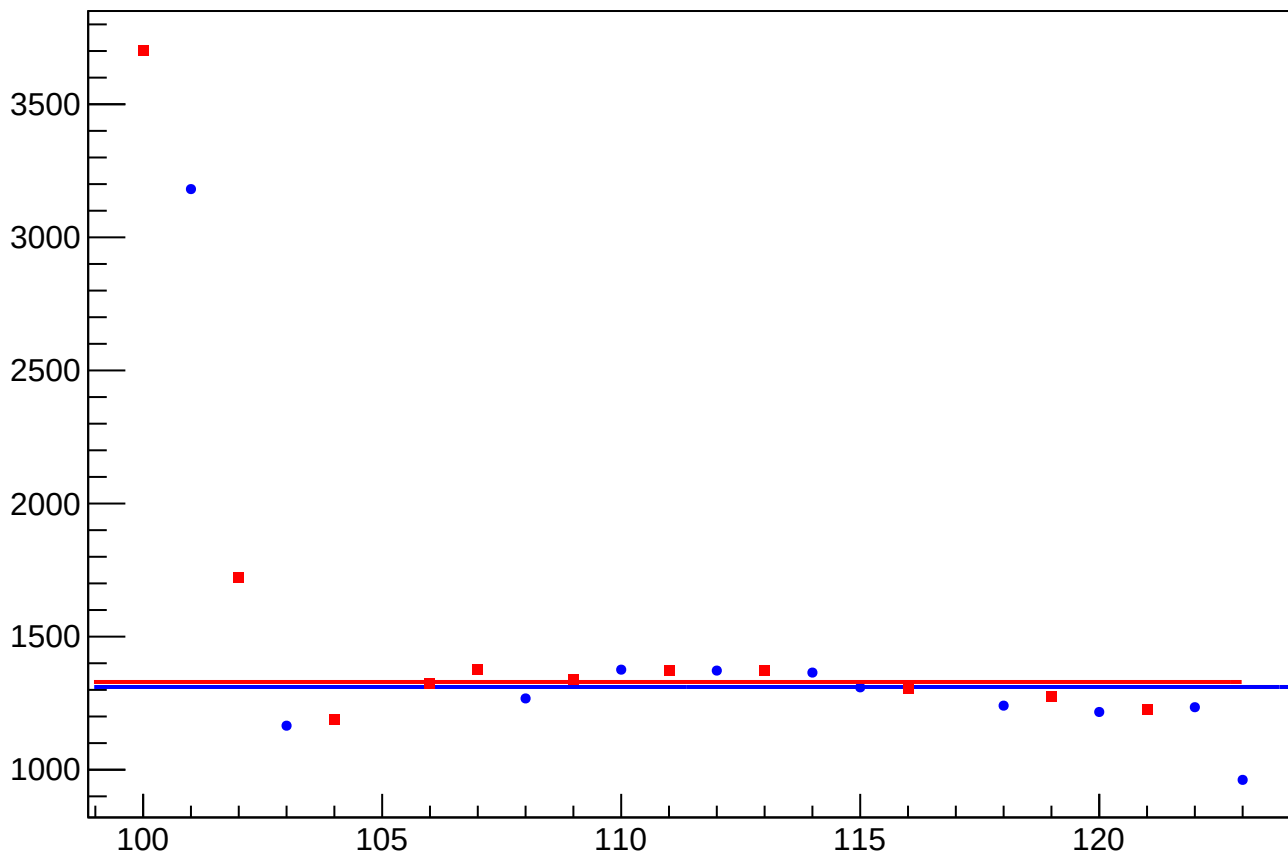
Right: -540.853+/-461.359 χ^2/NDF : 17.8/21

In: -909.907+/-666.470 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.853+/-461.359 χ^2/NDF : 17.8/21

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1310.848+/-0.471 χ^2/NDF : 496777.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.652+/-0.451 χ^2/NDF : 135750.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

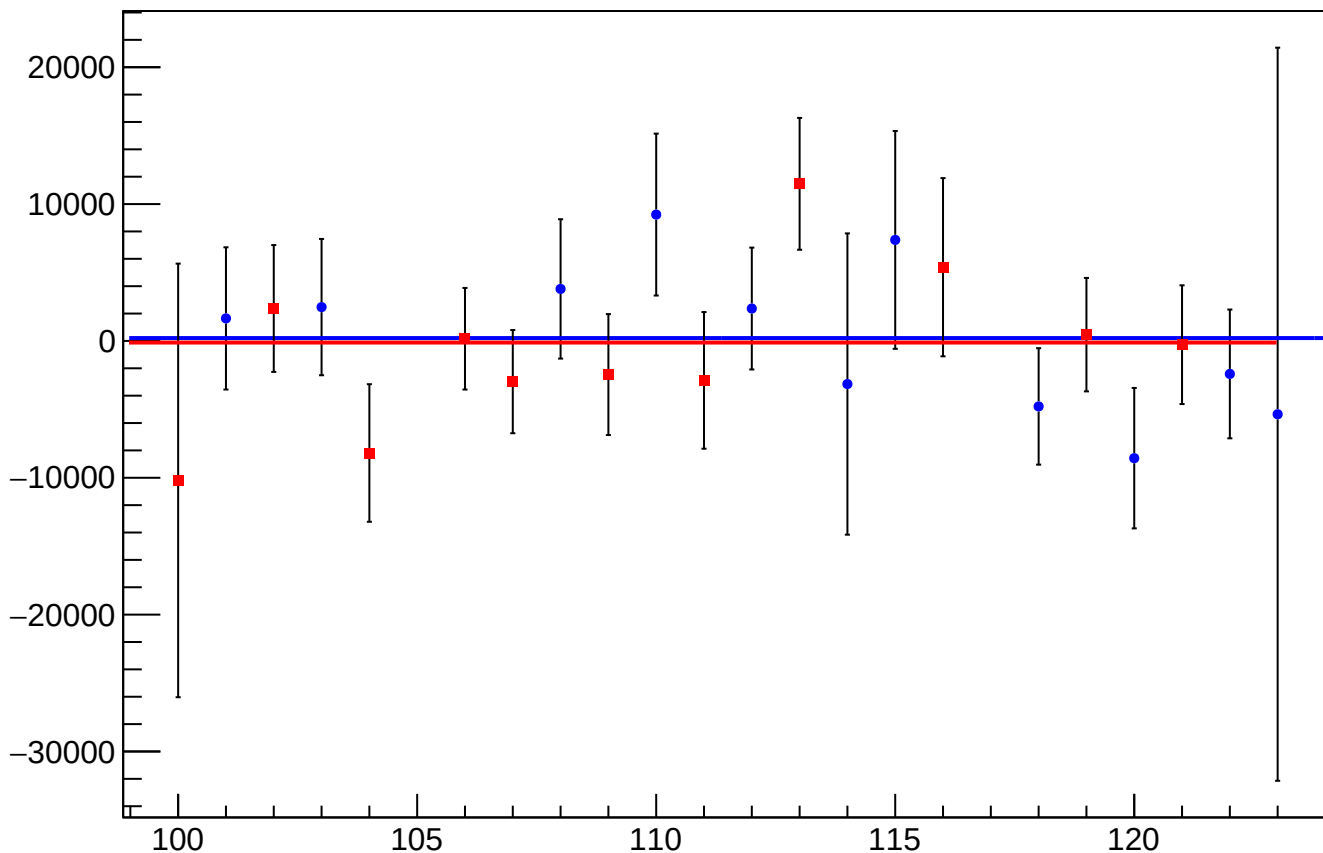
Right: 1320.653+/-0.326 χ^2/NDF : 633358.5/21

In: 1310.848+/-0.471 χ^2/NDF : 496777.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.653+/-0.326 χ^2/NDF : 633358.5/21

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.979 $\pm$ 1669.515 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -118.435 $\pm$ 1410.857 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

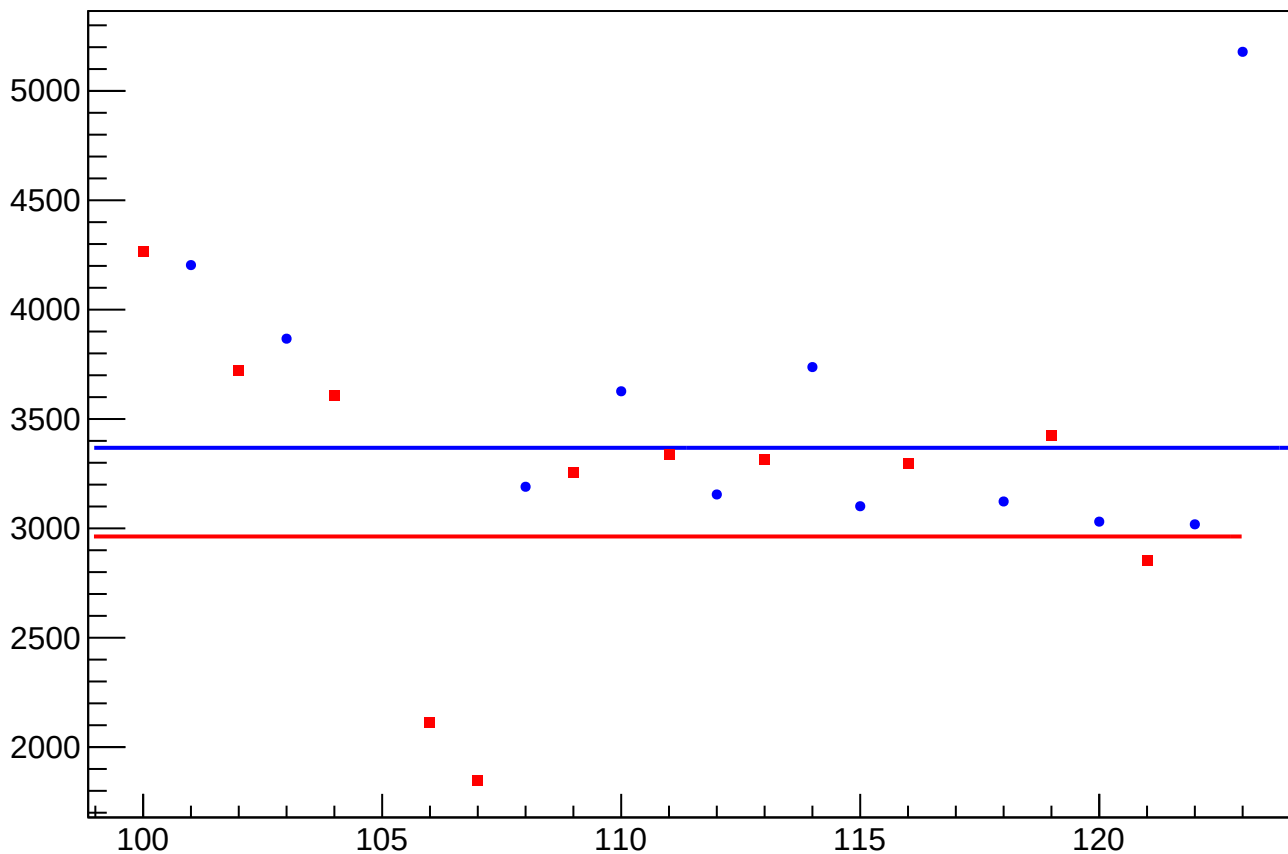
Right: 17.972 $\pm$ 1077.605 χ^2 /NDF: 19.9/21

In: 208.979 $\pm$ 1669.515 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.972 $\pm$ 1077.605 χ^2 /NDF: 19.9/21

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3368.330+/-1.181 χ^2/NDF : 122633.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.931+/-0.998 χ^2/NDF : 442380.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

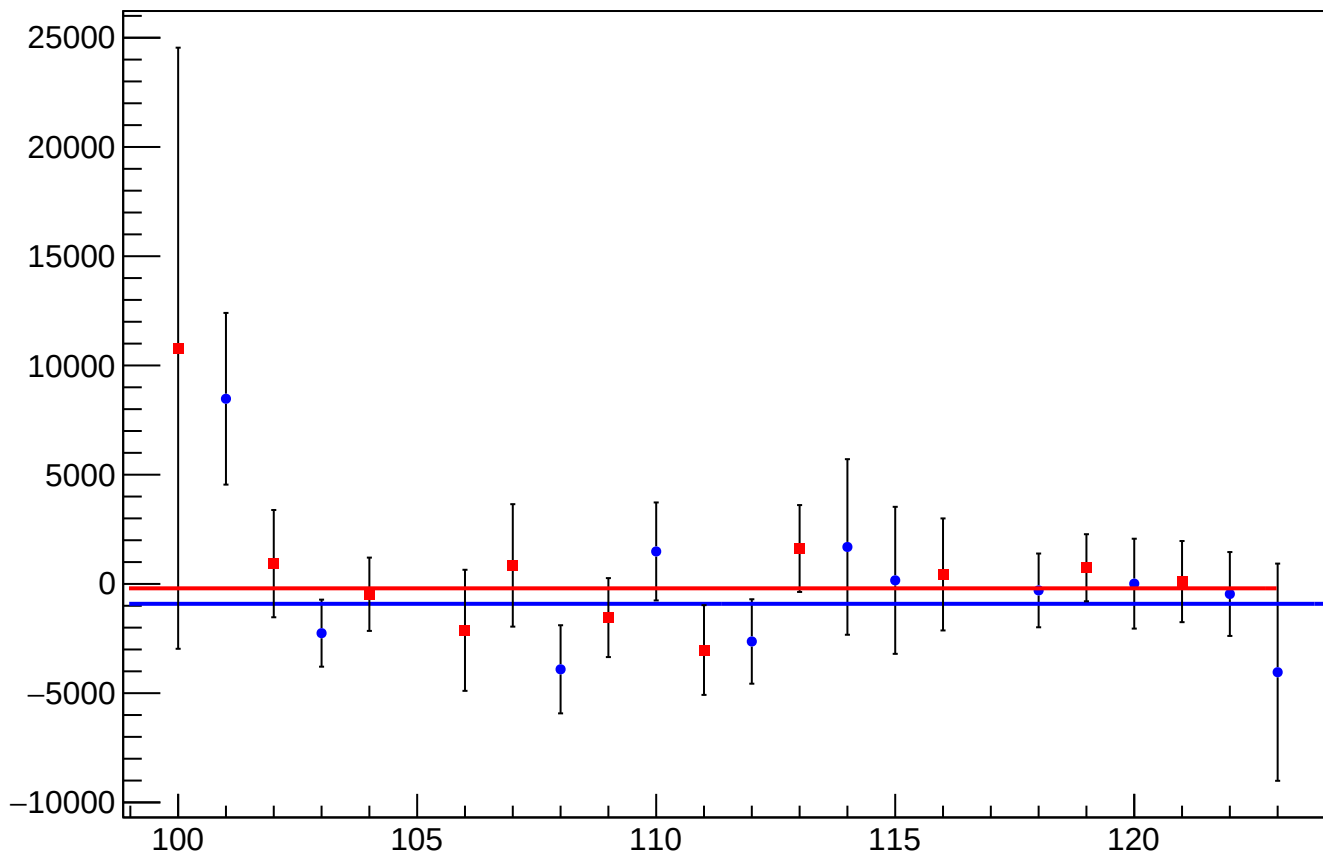
Right: 3131.827+/-0.762 χ^2/NDF : 633810.8/21

In: 3368.330+/-1.181 χ^2/NDF : 122633.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.827+/-0.762 χ^2/NDF : 633810.8/21

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -909.905+/-666.470 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.288+/-639.298 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

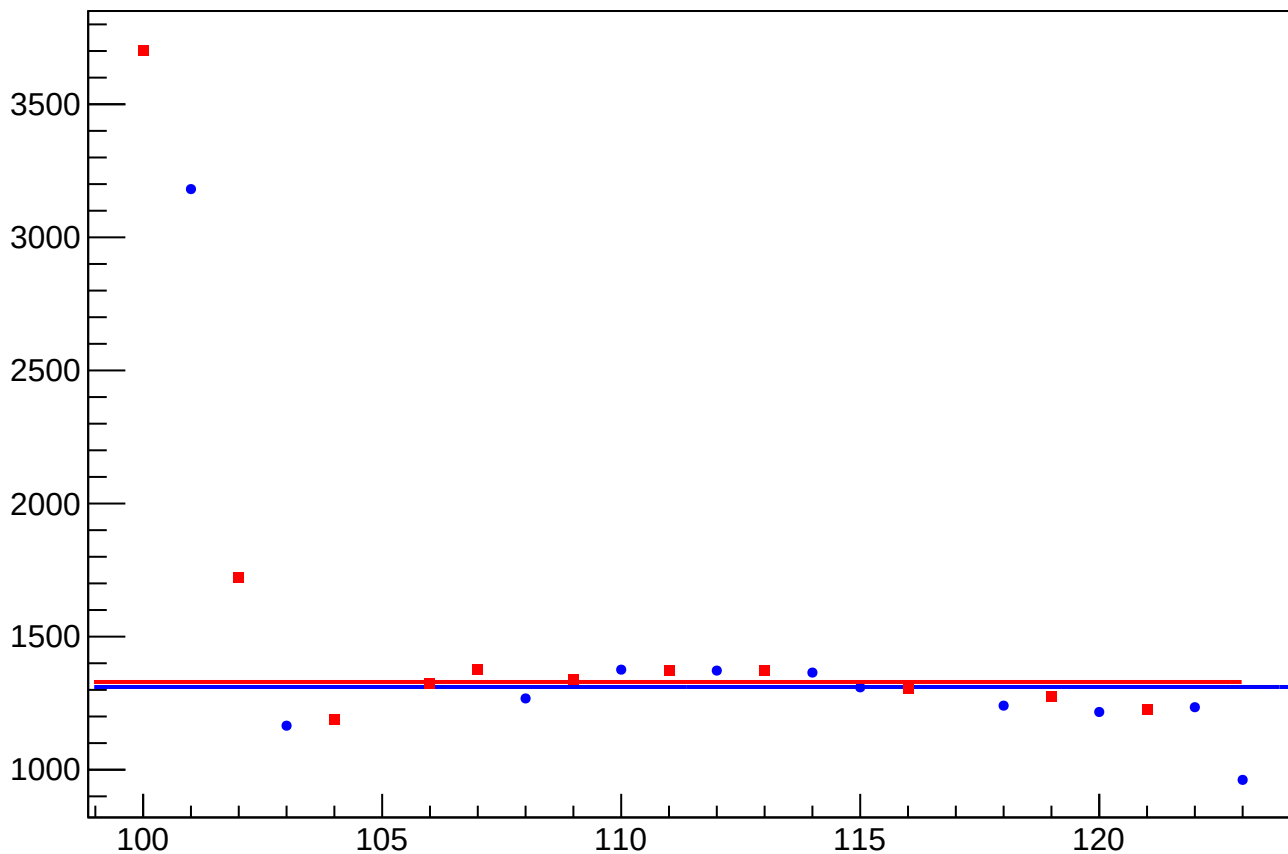
Right: -540.857+/-461.359 χ^2/NDF : 17.8/21

In: -909.905+/-666.470 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.857+/-461.359 χ^2/NDF : 17.8/21

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1310.848+/-0.471 χ^2/NDF : 496777.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.652+/-0.451 χ^2/NDF : 135750.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

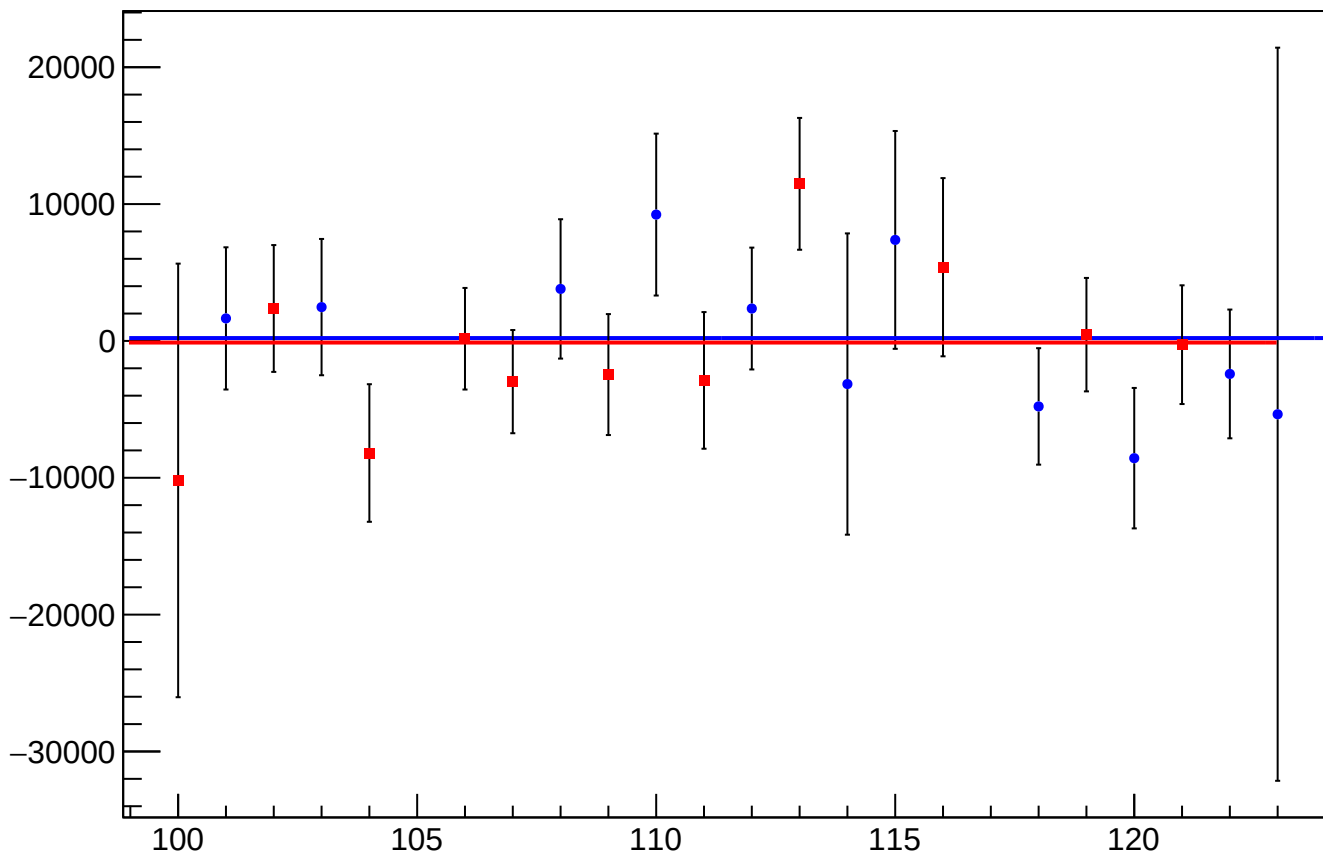
Right: 1320.653+/-0.326 χ^2/NDF : 633358.6/21

In: 1310.848+/-0.471 χ^2/NDF : 496777.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.653+/-0.326 χ^2/NDF : 633358.6/21

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.971 $\pm$ 1669.510 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -118.438 $\pm$ 1410.854 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

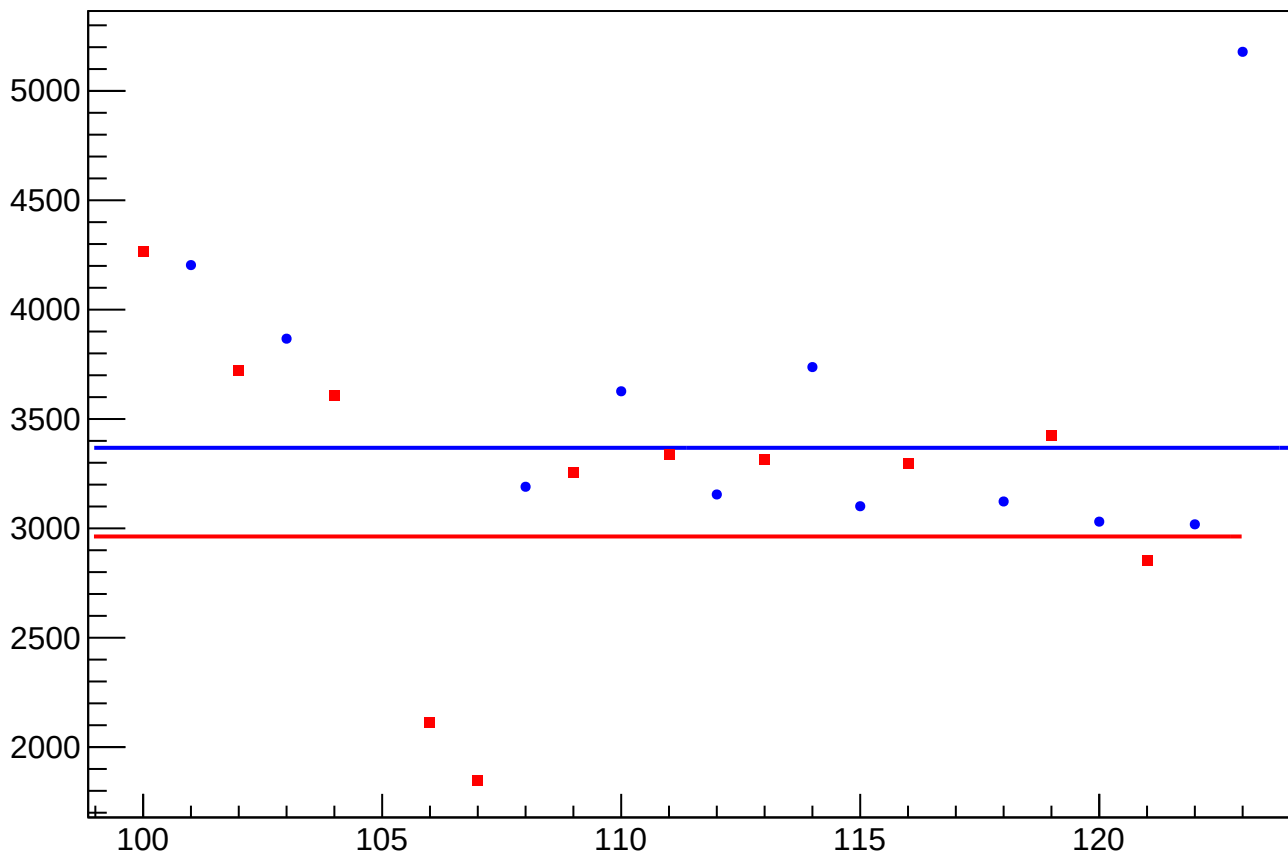
Right: 17.967 $\pm$ 1077.602 χ^2 /NDF: 19.9/21

In: 208.971 $\pm$ 1669.510 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.967 $\pm$ 1077.602 χ^2 /NDF: 19.9/21

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3368.319+/-1.181 χ^2/NDF : 122636.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.923+/-0.998 χ^2/NDF : 442382.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

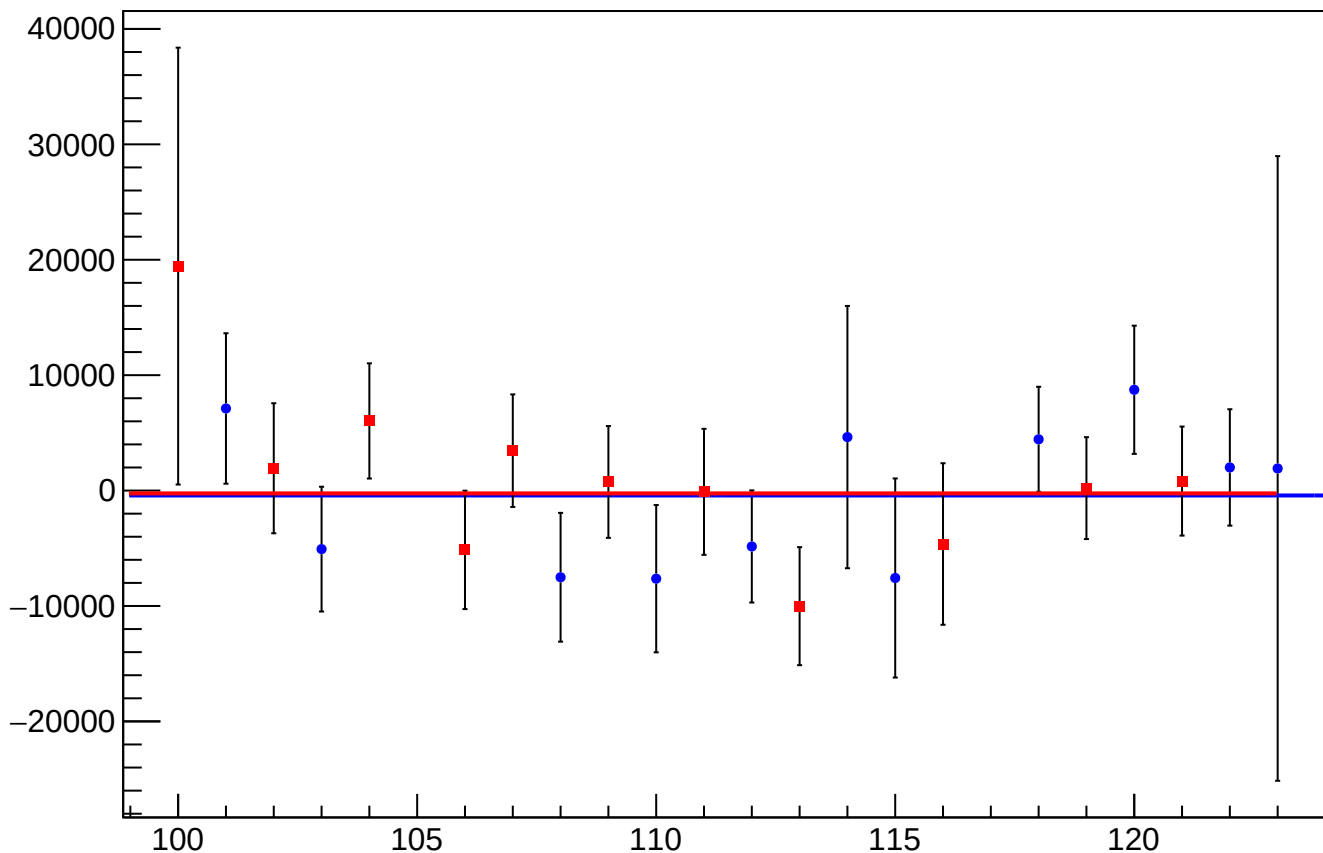
Right: 3131.819+/-0.762 χ^2/NDF : 633814.8/21

In: 3368.319+/-1.181 χ^2/NDF : 122636.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.819+/-0.762 χ^2/NDF : 633814.8/21

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -423.543+/-1827.736 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -244.320+/-1610.724 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

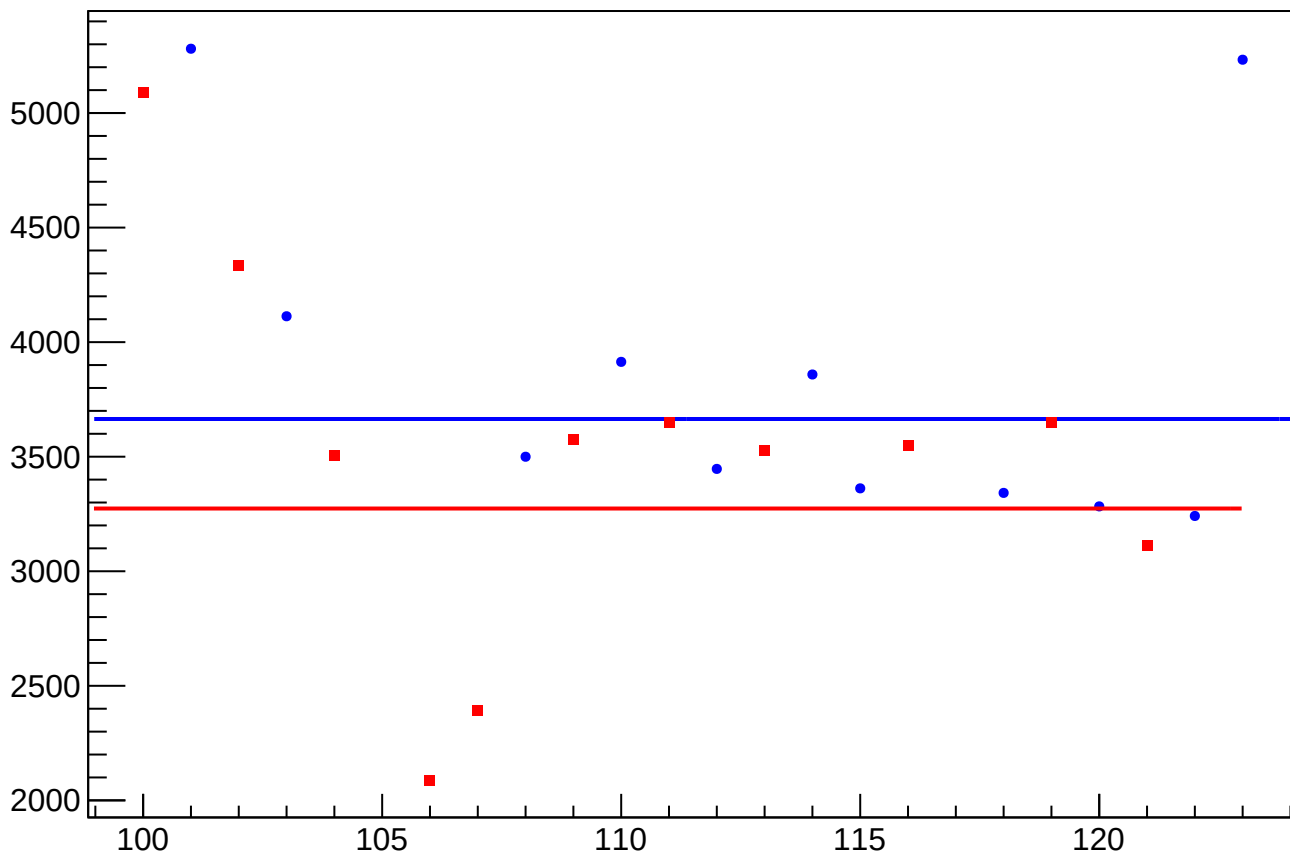
Right: -322.665+/-1208.432 χ^2/NDF : 19.2/21

In: -423.543+/-1827.736 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.665+/-1208.432 χ^2/NDF : 19.2/21

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3664.565+/-1.292 χ^2/NDF : 188861.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.815+/-1.117 χ^2/NDF : 351966.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

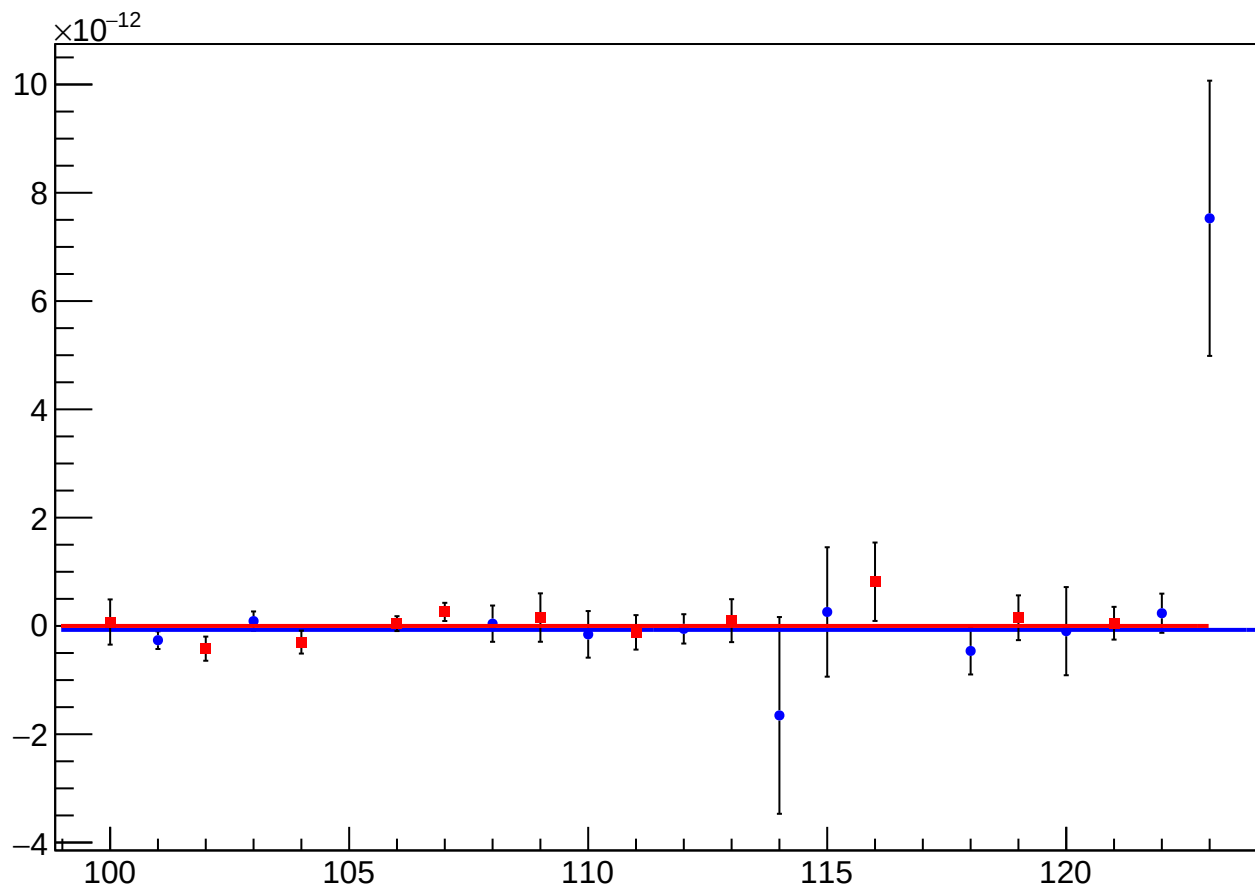
Right: 3440.826+/-0.845 χ^2/NDF : 593170.1/21

In: 3664.565+/-1.292 χ^2/NDF : 188861.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3440.826+/-0.845 χ^2/NDF : 593170.1/21

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/10

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

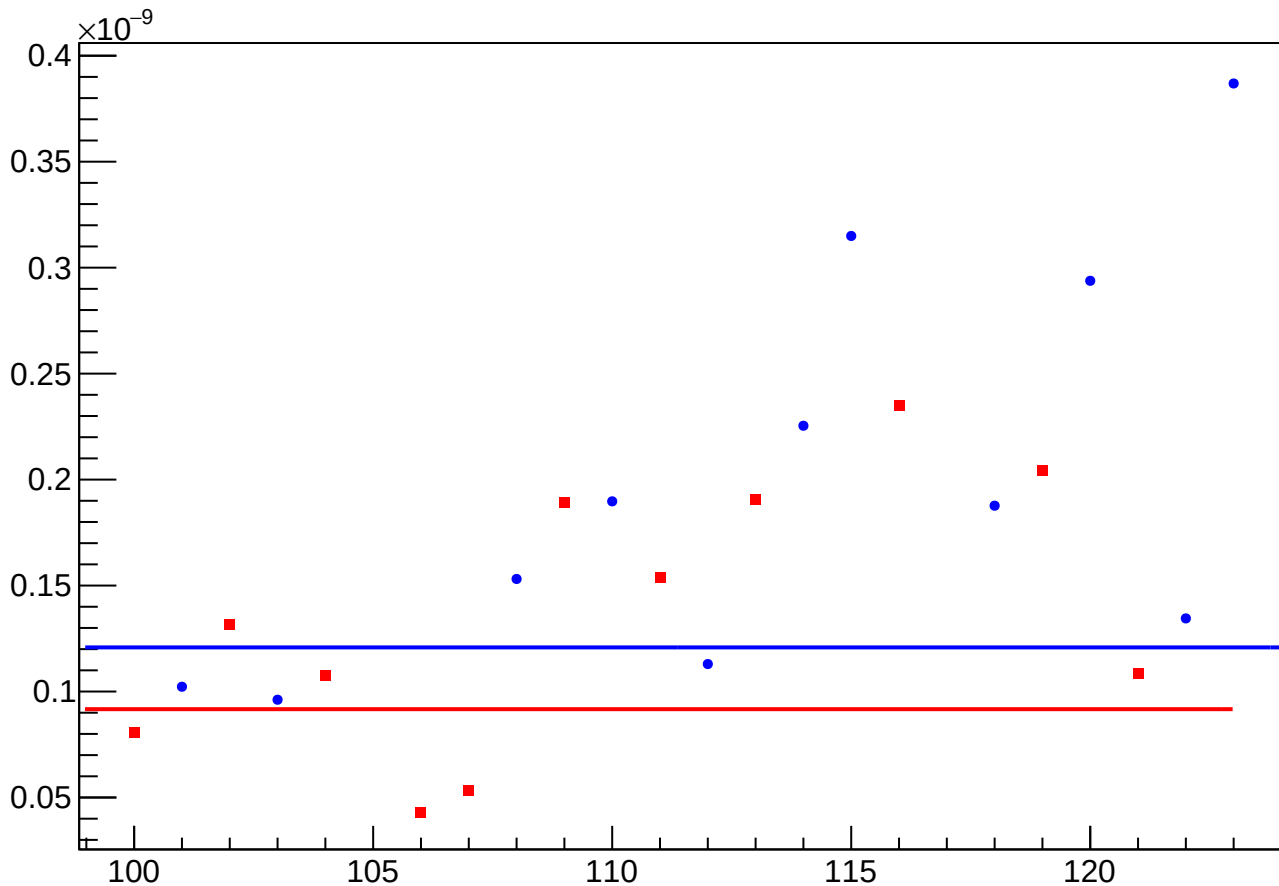
Right: -0.000+/-0.000 χ^2/NDF : 23.8/21

In: -0.000+/-0.000 χ^2/NDF : 13.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/21

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 357841.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 961039.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

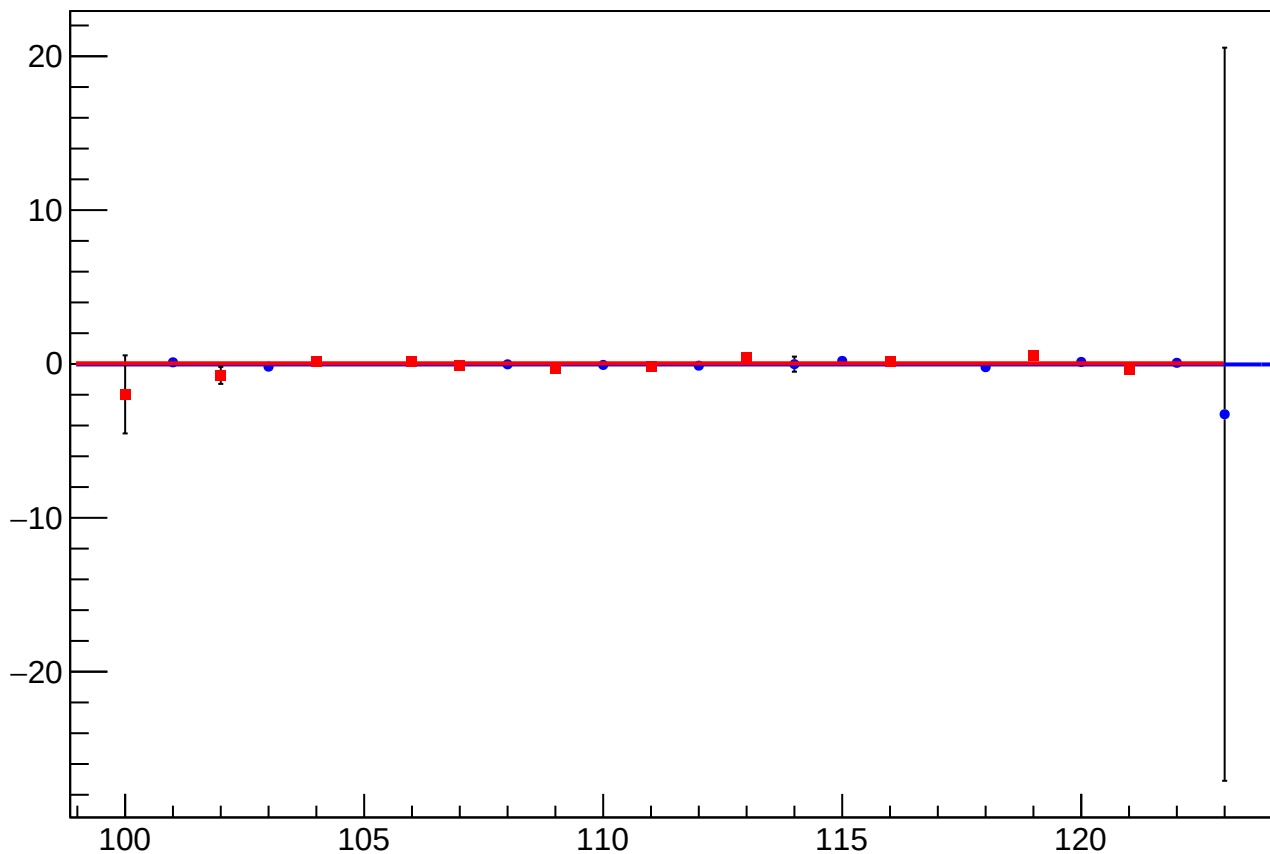
Right: 0.000+/-0.000 χ^2/NDF : 1435855.4/21

In: 0.000+/-0.000 χ^2/NDF : 357841.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1435855.4/21

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.069 χ^2 /NDF: 3.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.064 χ^2 /NDF: 25.7/10

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

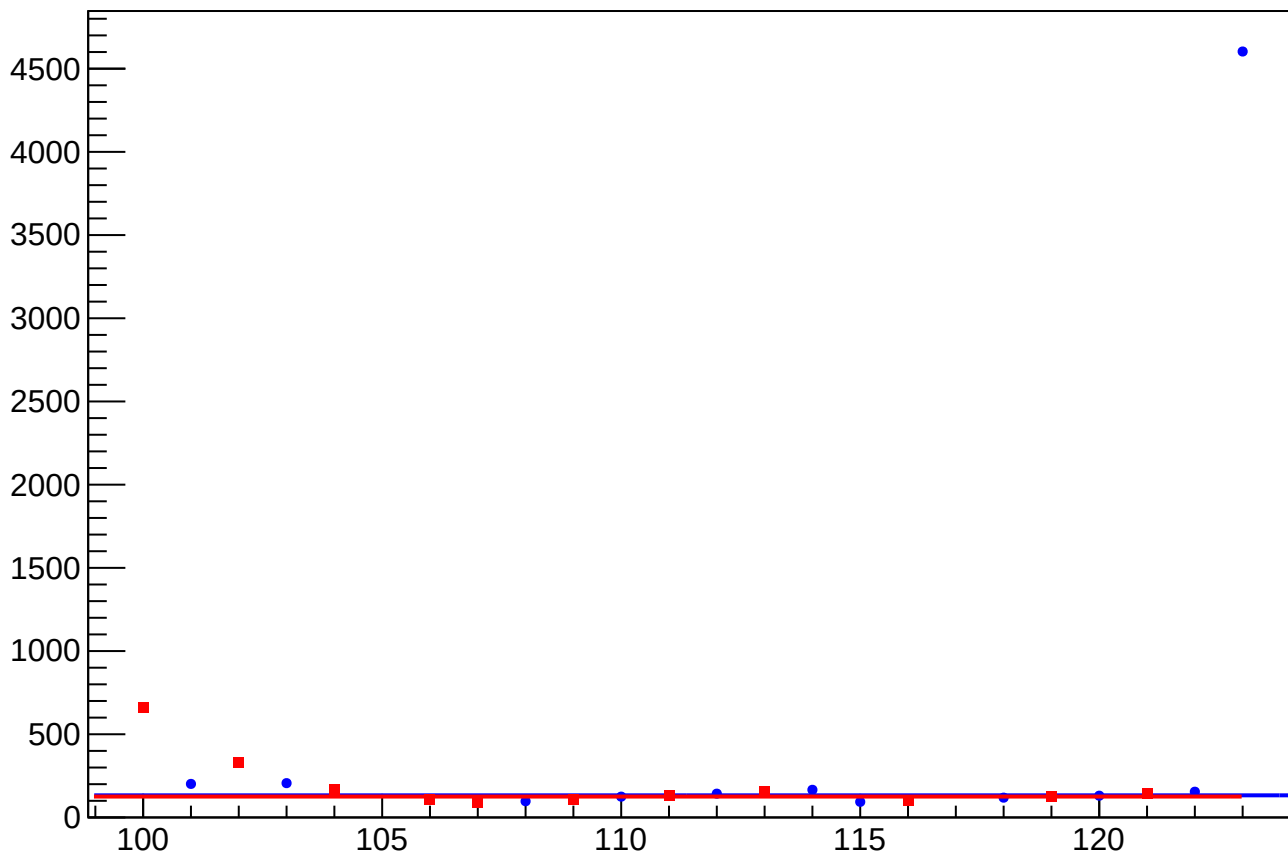
Right: 0.009 $\pm$ 0.047 χ^2 /NDF: 29.8/21

In: -0.031 $\pm$ 0.069 χ^2 /NDF:3.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.047 χ^2 /NDF: 29.8/21

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.588+/-0.046 χ^2/NDF : 610681.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

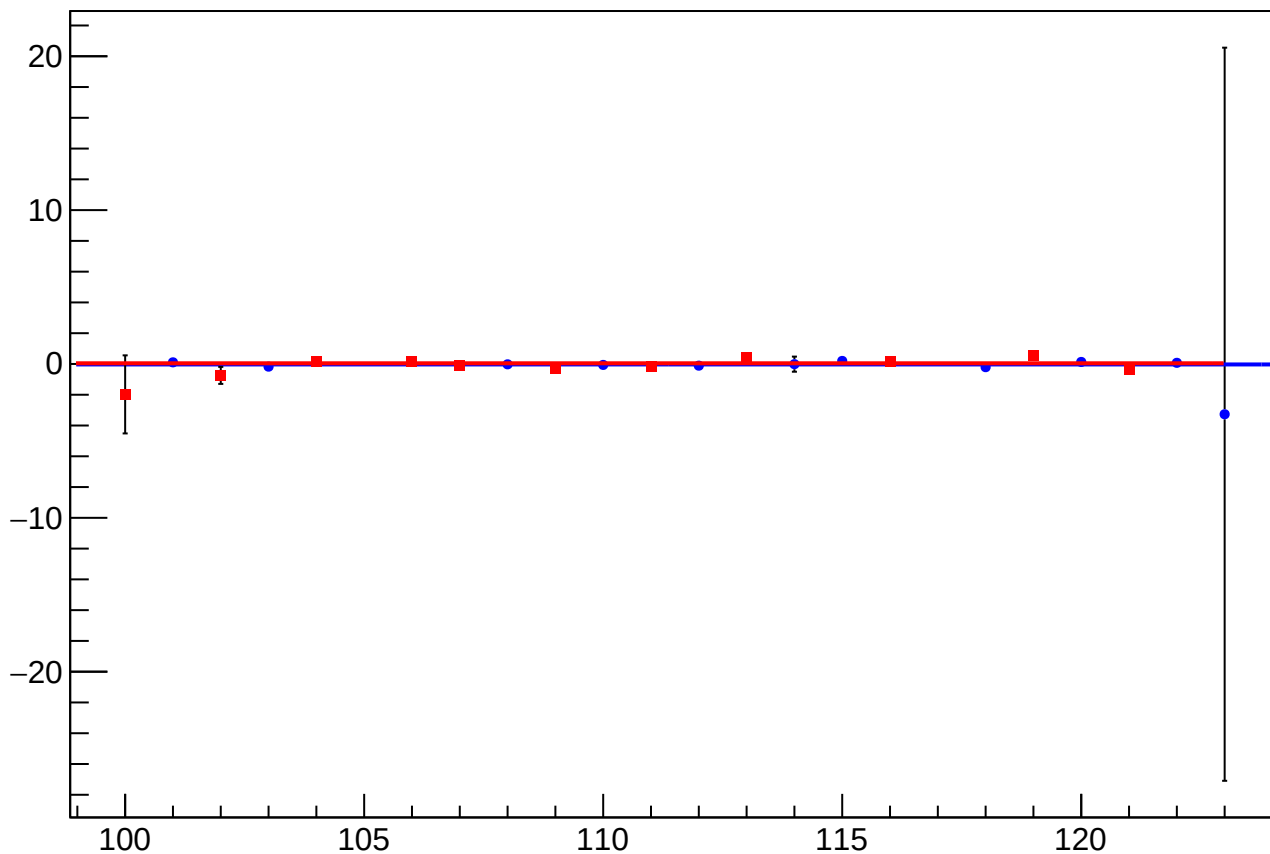
Right: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

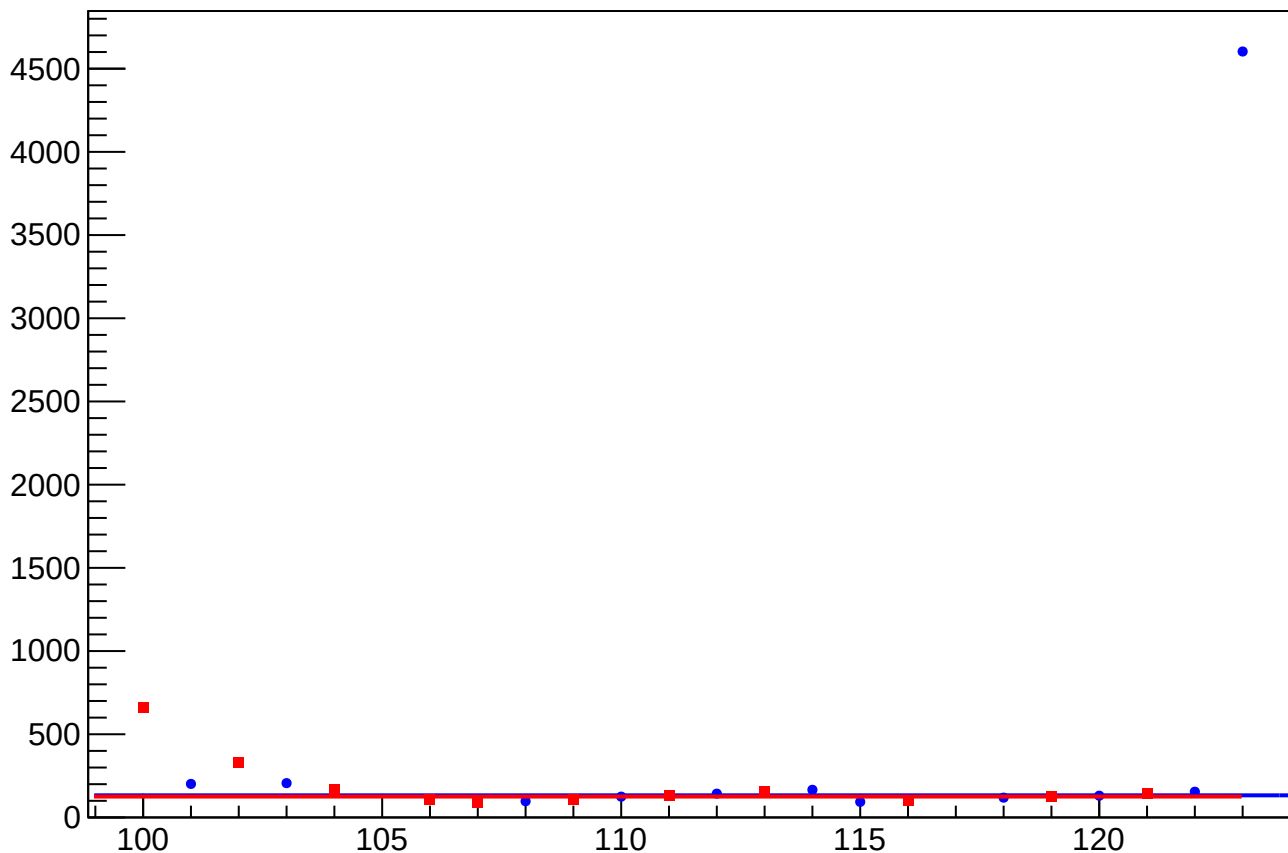
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.588+/-0.046 χ^2/NDF : 610681.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

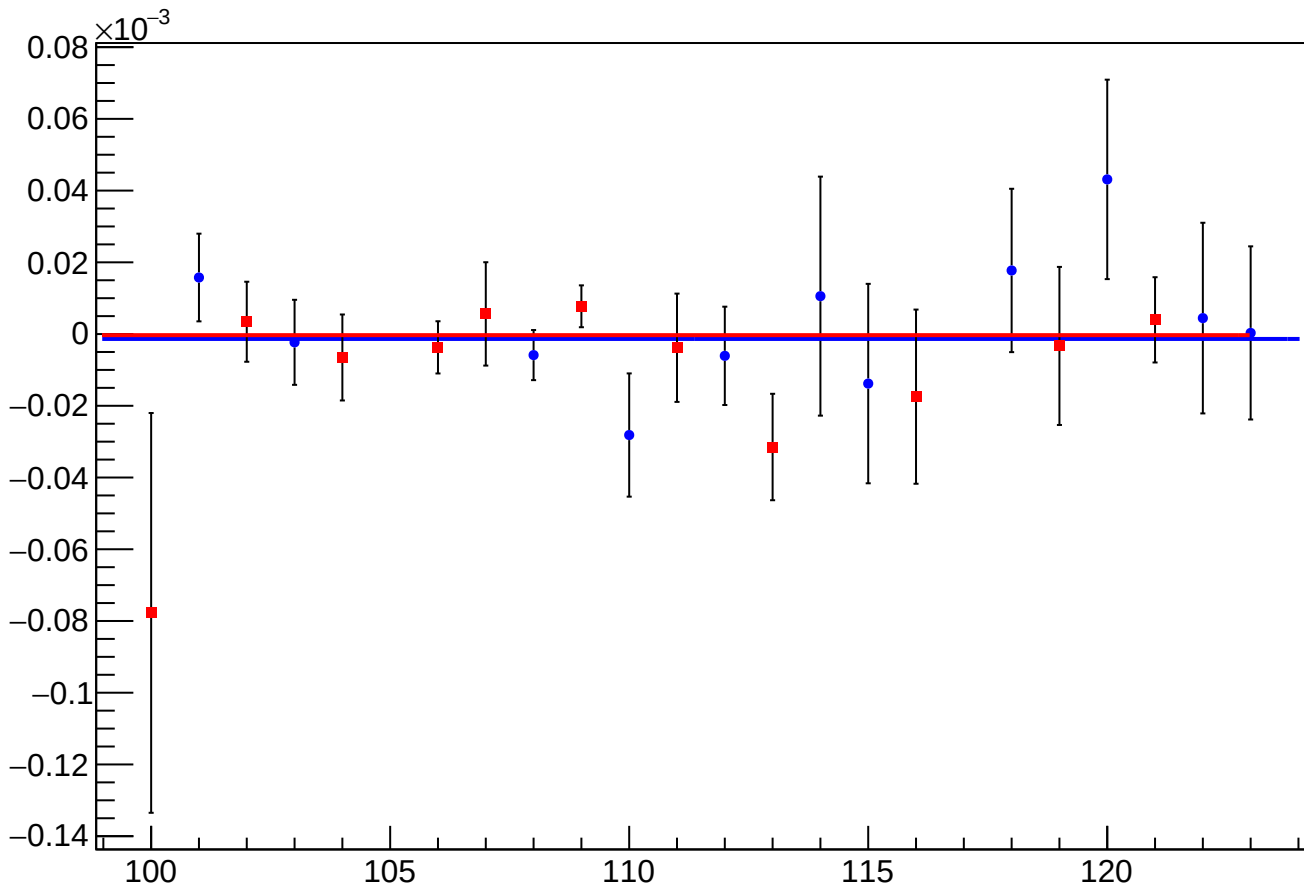
Right: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

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 : 8.6/10

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

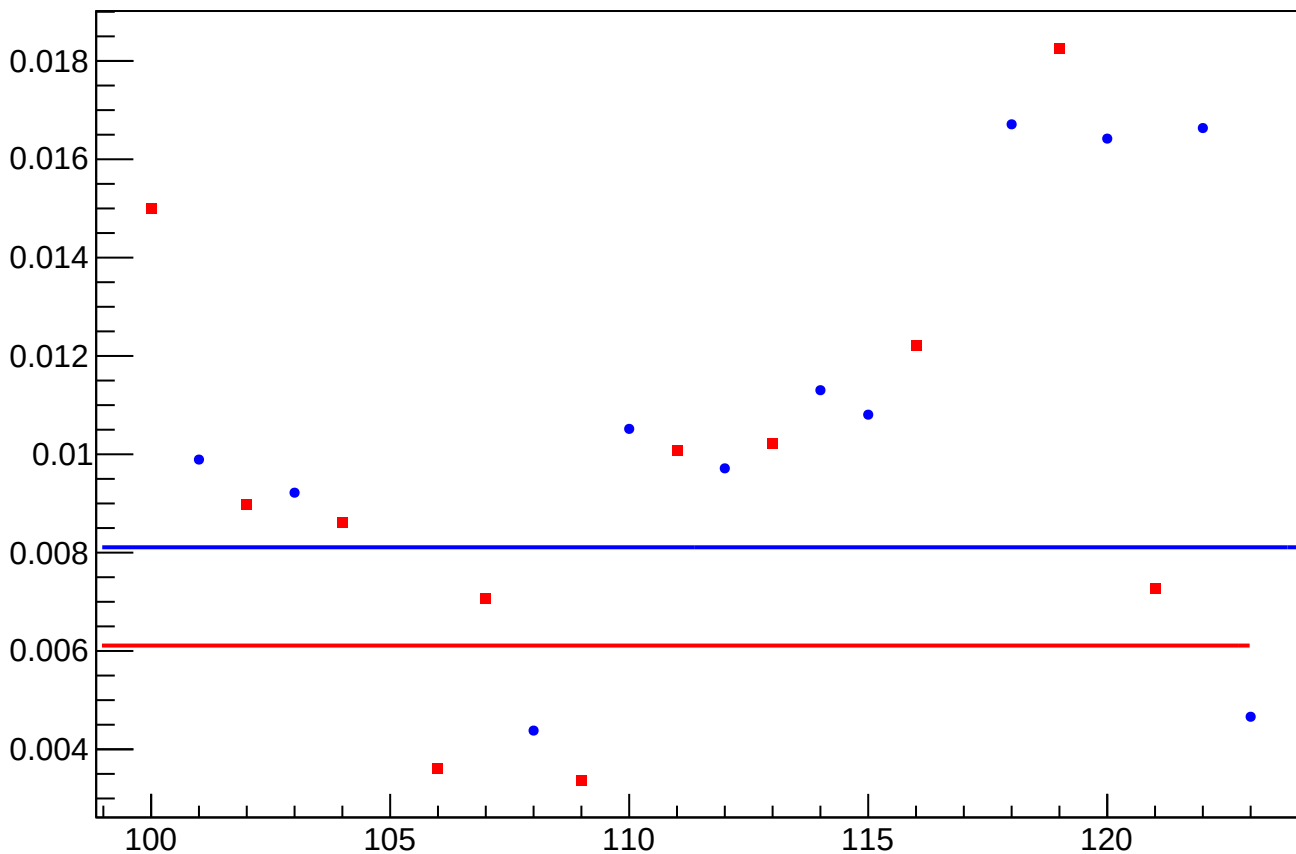
Right: -0.000+/-0.000 χ^2/NDF : 18.3/21

In: -0.000+/-0.000 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/21

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 : 1444524.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2001288.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

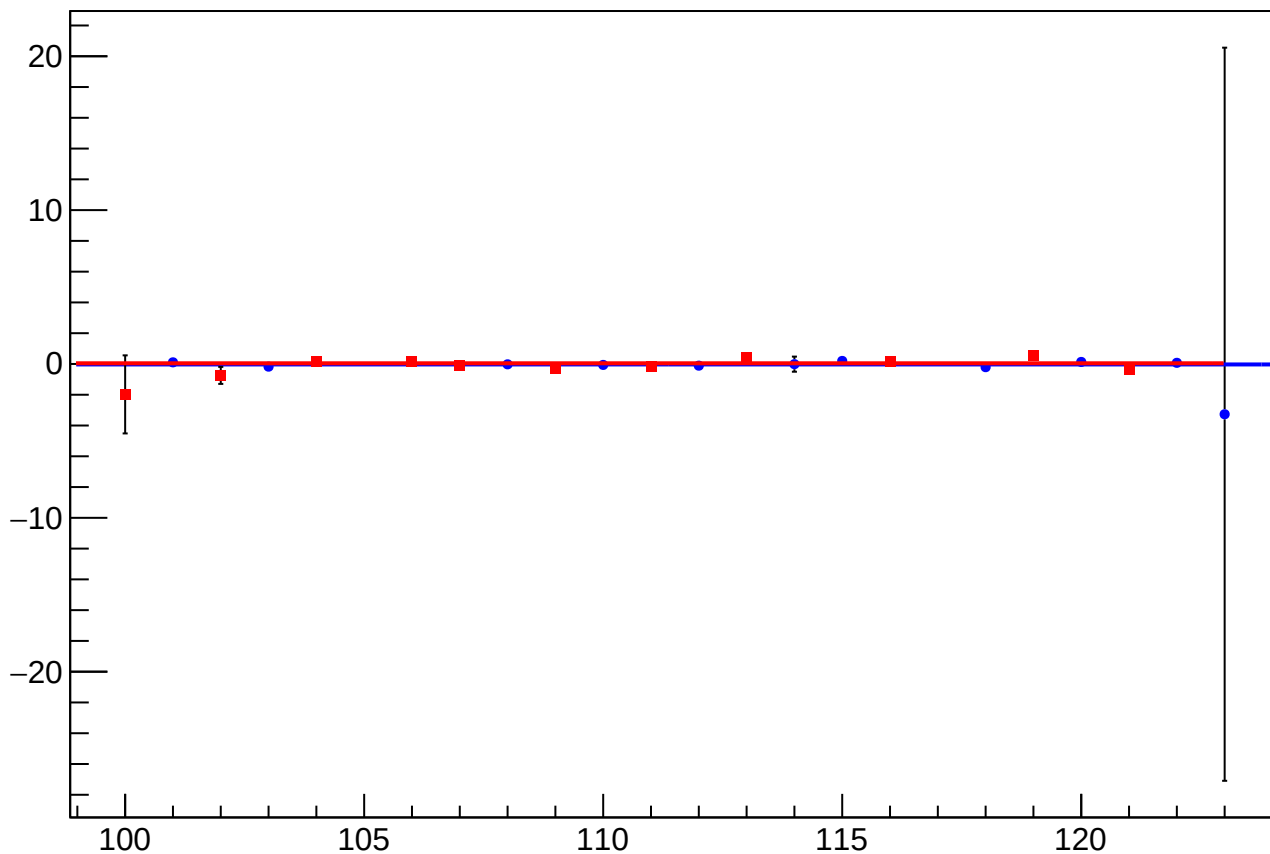
Right: 0.007+/-0.000 χ^2/NDF : 3705671.5/21

In: 0.008+/-0.000 χ^2/NDF :1444524.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3705671.5/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

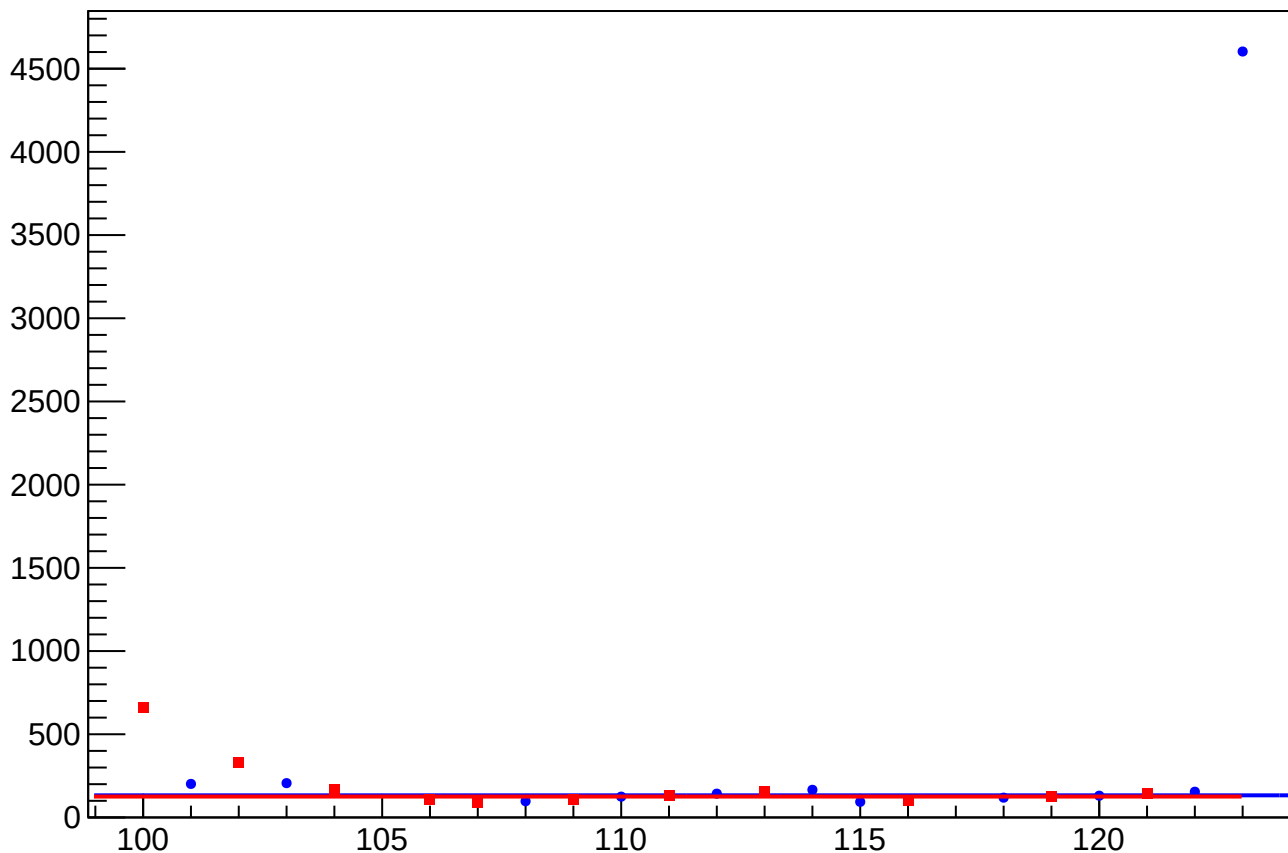
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.962+/-0.049 χ^2/NDF : 553185.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.590+/-0.046 χ^2/NDF : 610629.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

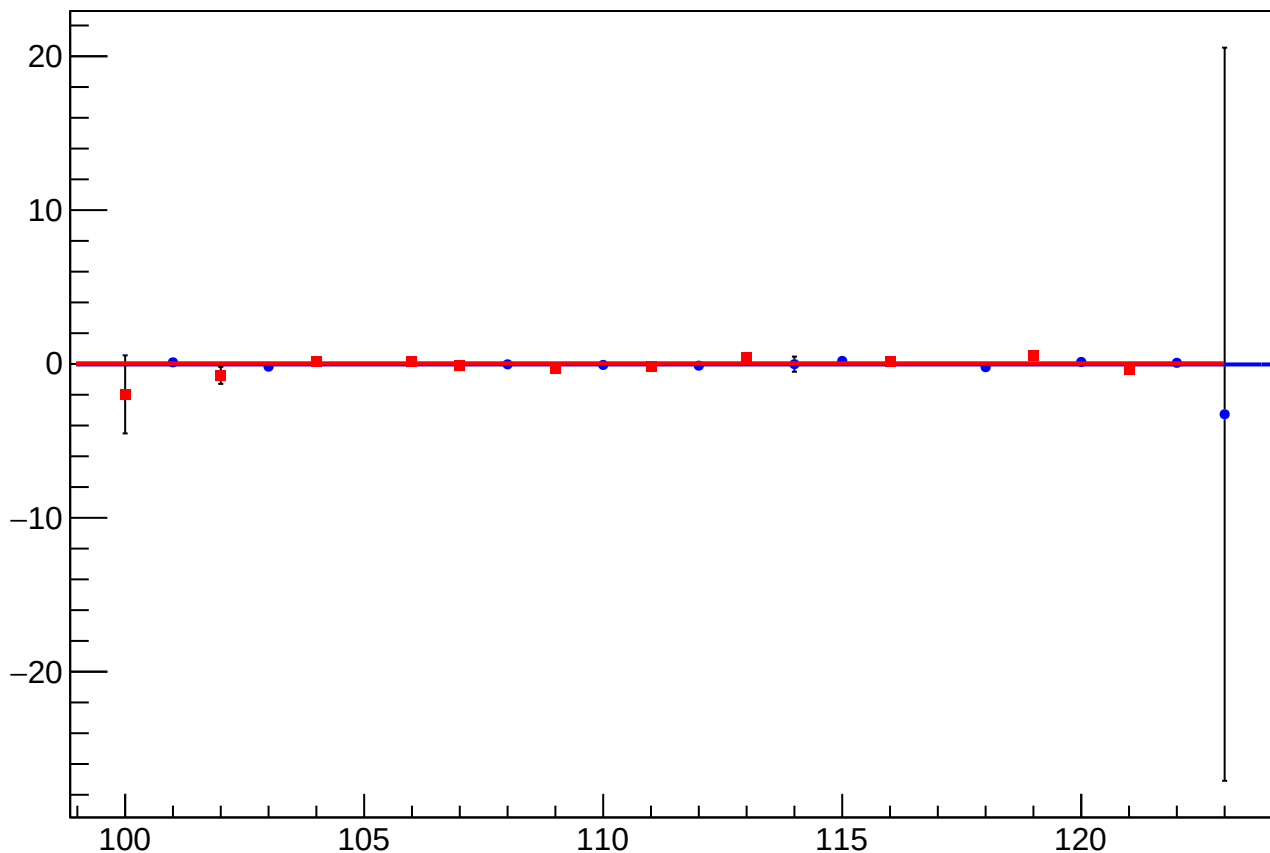
Right: 129.026+/-0.033 χ^2/NDF : 1175994.4/21

In: 132.962+/-0.049 χ^2/NDF : 553185.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.026+/-0.033 χ^2/NDF : 1175994.4/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

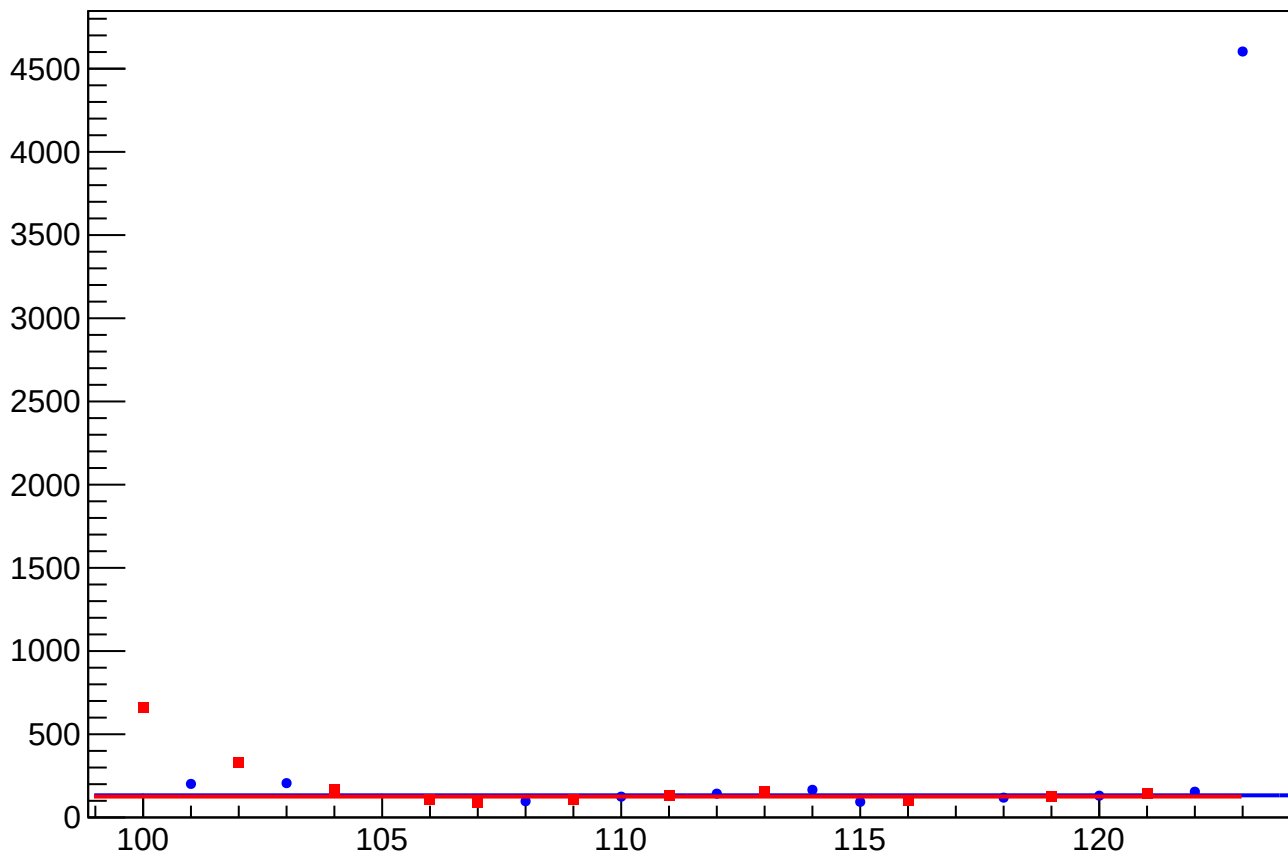
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.962 $\pm$ 0.049 χ^2 /NDF: 553185.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.590 $\pm$ 0.046 χ^2 /NDF: 610629.9/10

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

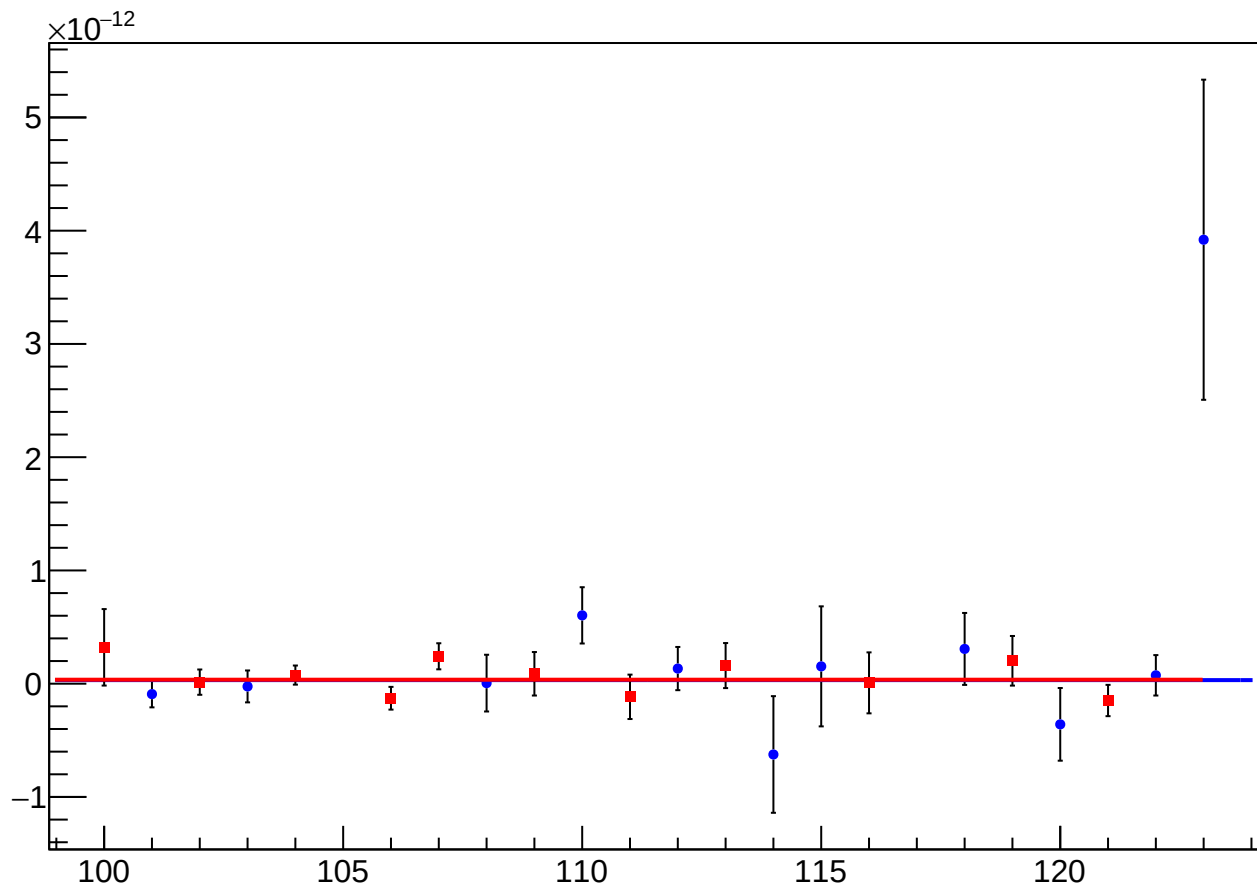
Right: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

In: 132.962 $\pm$ 0.049 χ^2 /NDF: 553185.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

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 : 18.4/10

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

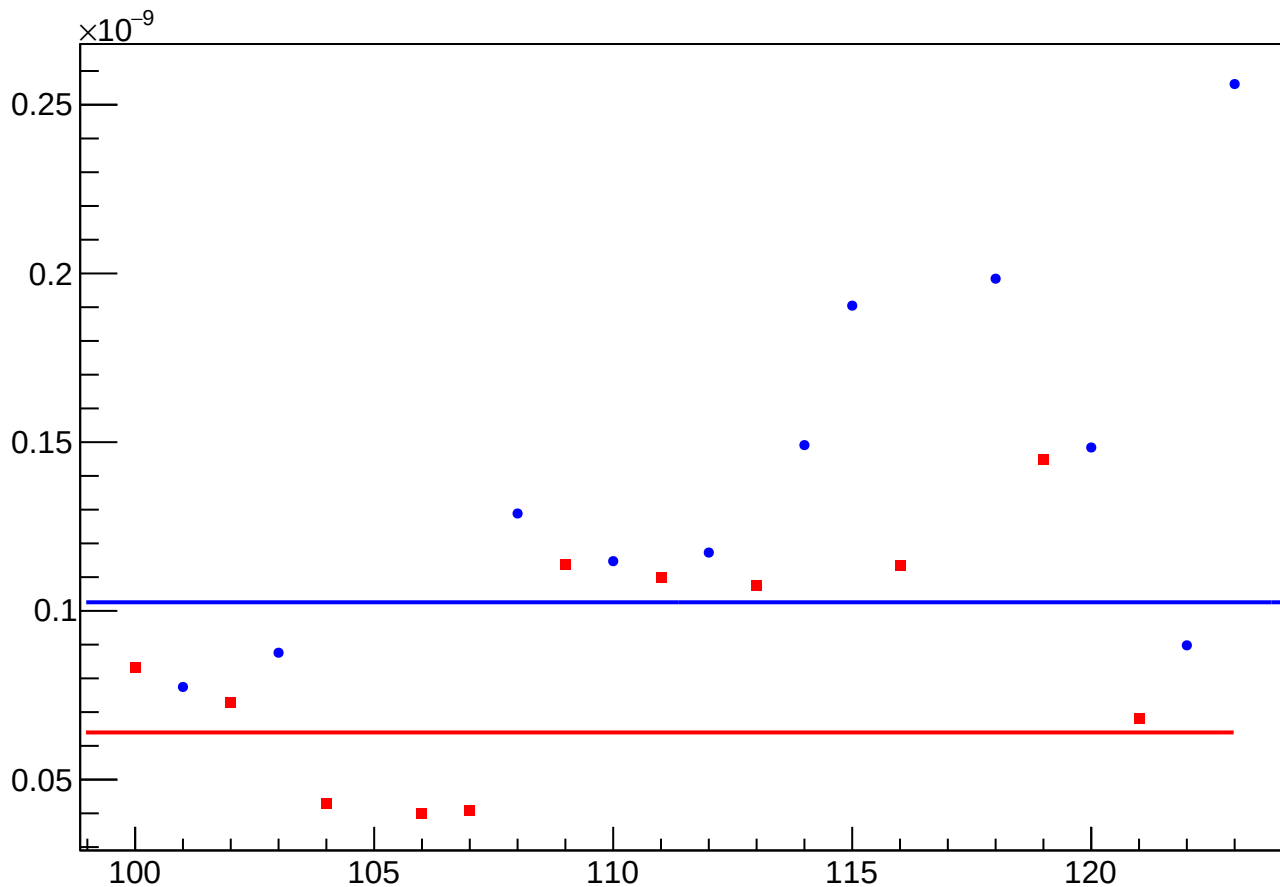
Right: 0.000+/-0.000 χ^2/NDF : 28.7/21

In: 0.000+/-0.000 χ^2/NDF : 18.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/21

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 : 481496.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1024585.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

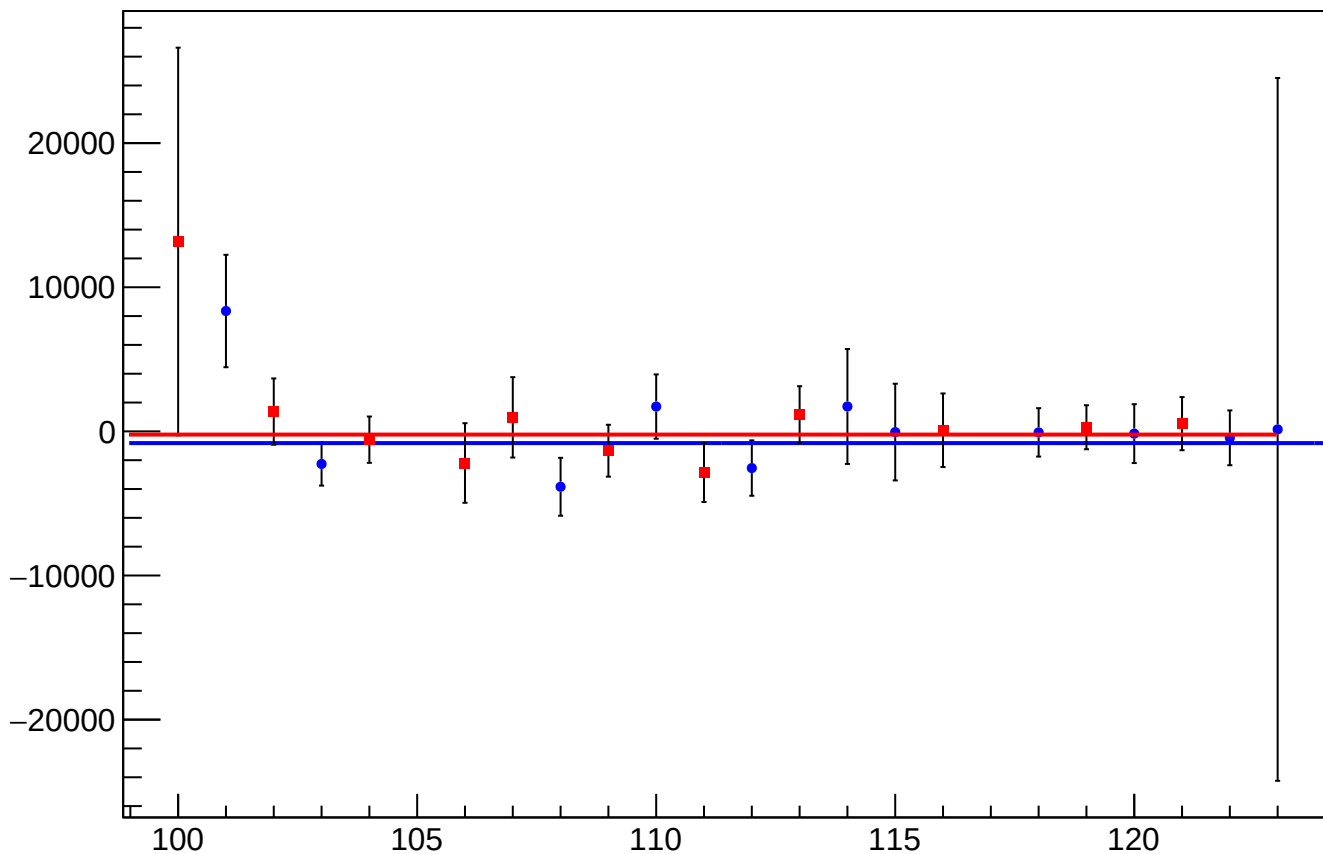
Right: 0.000+/-0.000 χ^2/NDF : 2011118.4/21

In: 0.000+/-0.000 χ^2/NDF : 481496.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2011118.4/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -812.788+/-666.265 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.774+/-629.493 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

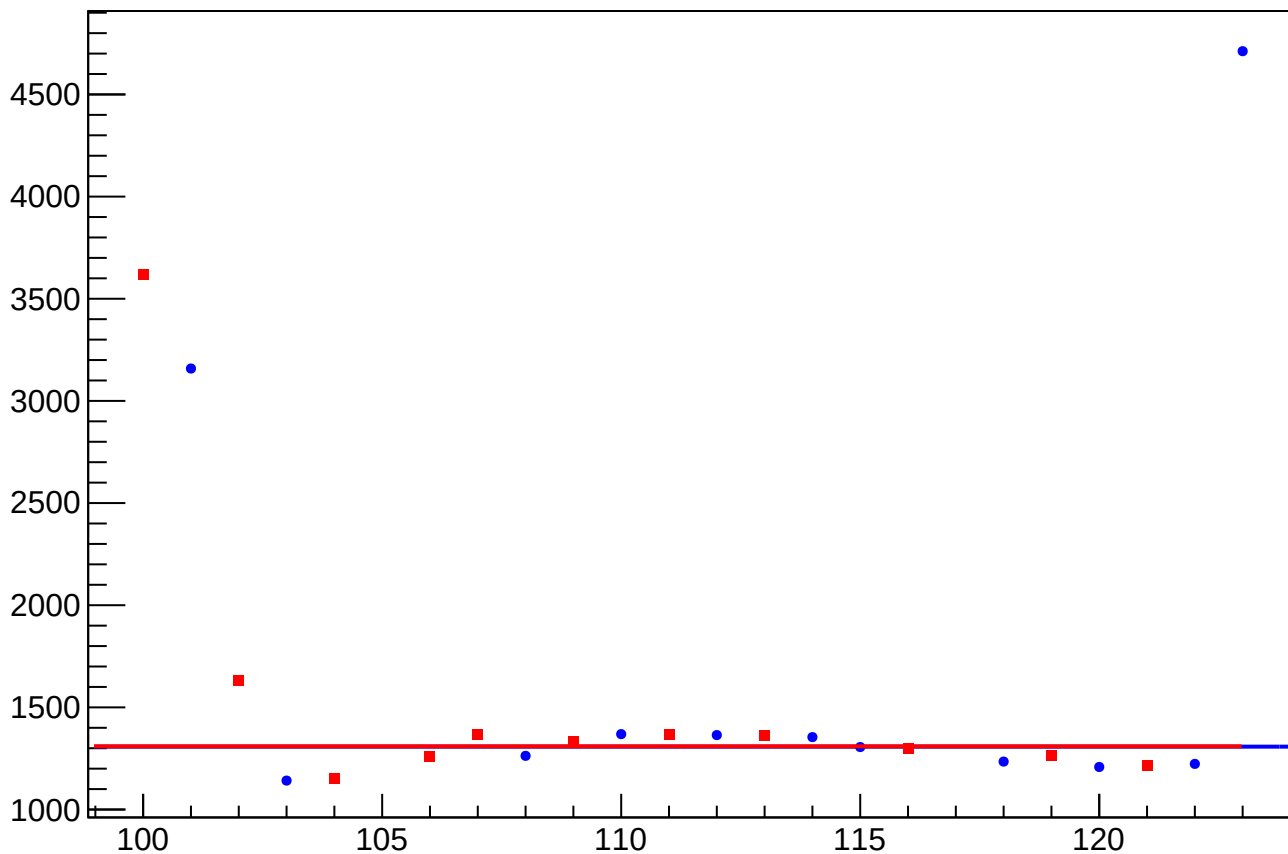
Right: -501.051+/-457.566 χ^2/NDF : 17.1/21

In: -812.788+/-666.265 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.051+/-457.566 χ^2/NDF : 17.1/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530771.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.336+/-0.443 χ^2/NDF : 130154.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

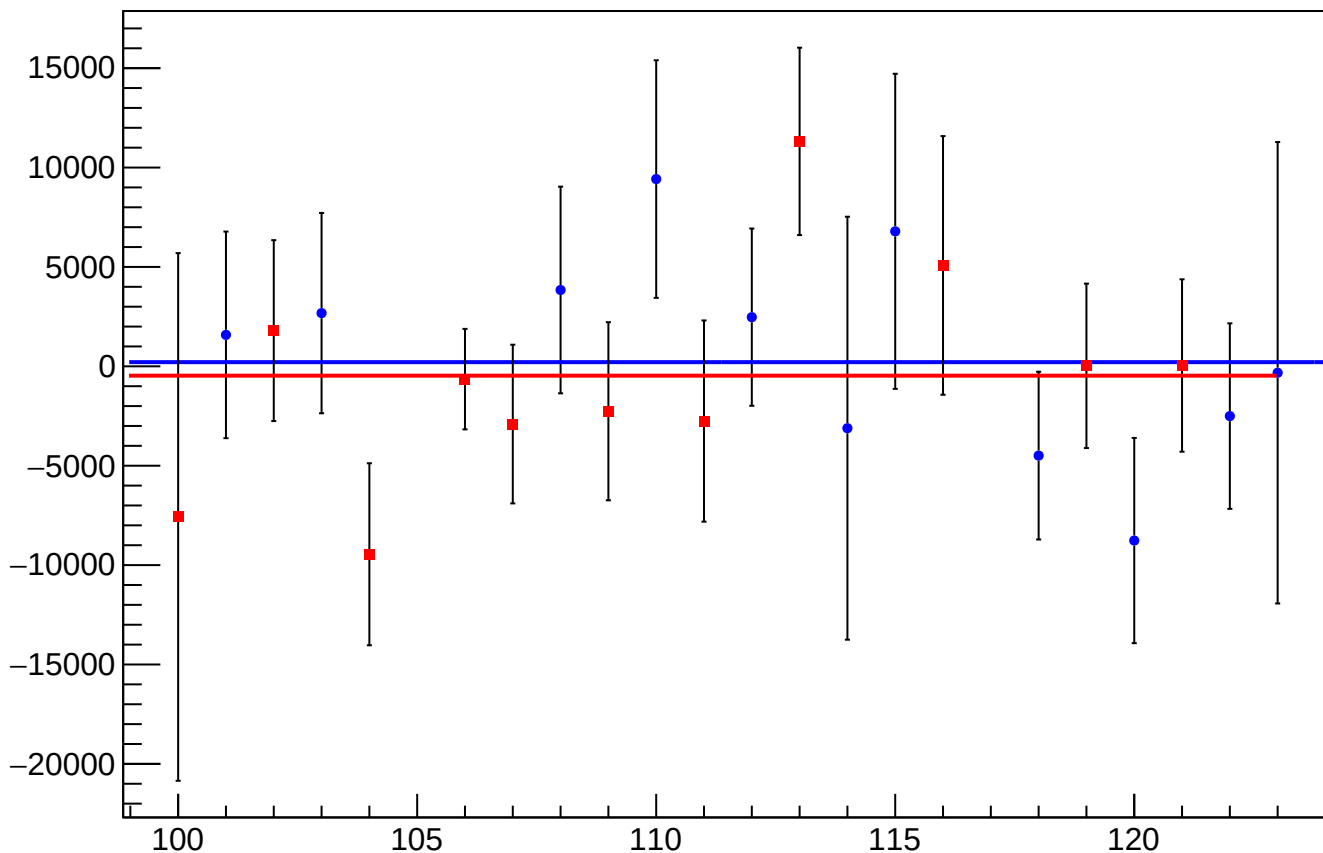
Right: 1308.579+/-0.323 χ^2/NDF : 660932.2/21

In: 1307.723+/-0.471 χ^2/NDF : 530771.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.579+/-0.323 χ^2/NDF : 660932.2/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 210.215+/-1658.653 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.279+/-1301.867 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

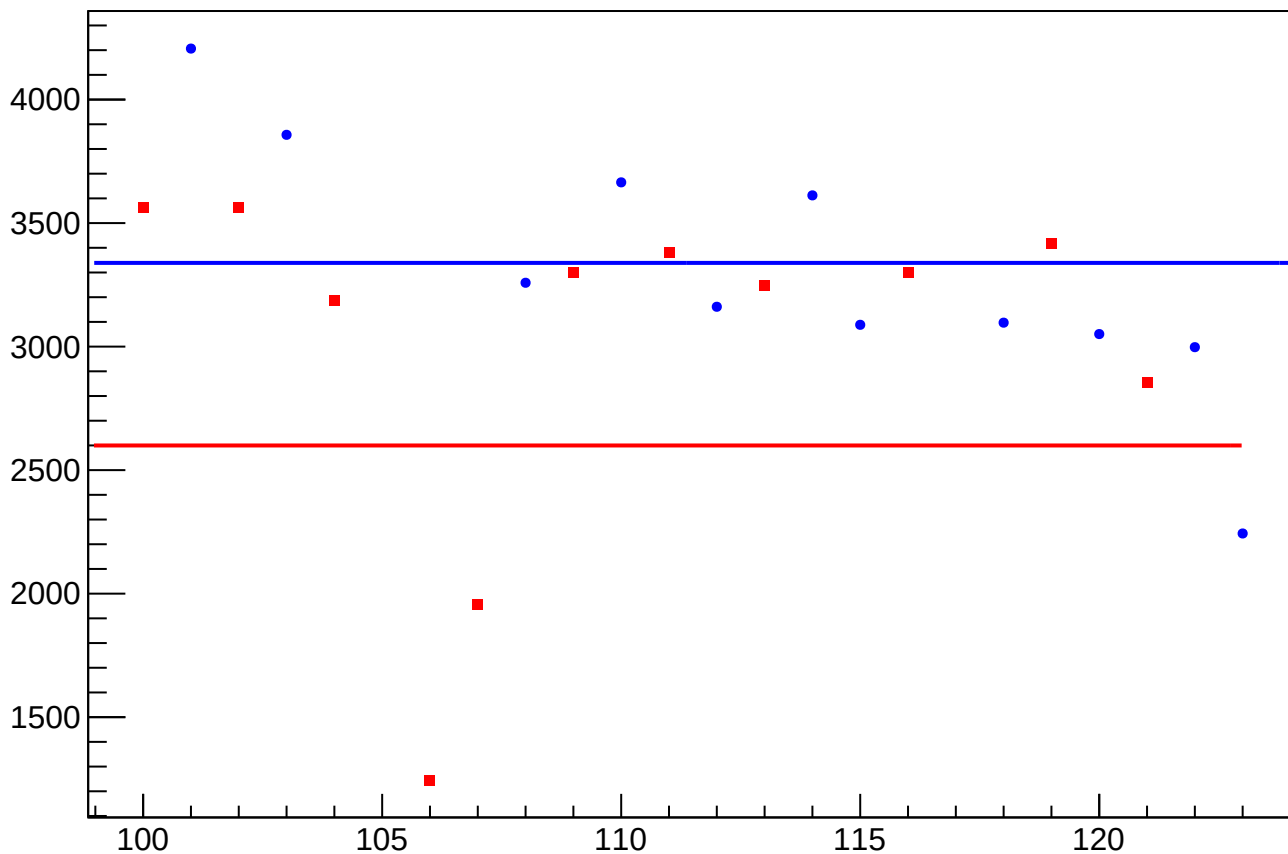
Right: -210.867+/-1024.090 χ^2/NDF : 21.1/21

In: 210.215+/-1658.653 χ^2/NDF :8.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -210.867+/-1024.090 χ^2/NDF : 21.1/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3338.870+/-1.173 χ^2/NDF : 131140.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2599.798+/-0.921 χ^2/NDF : 1003170.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

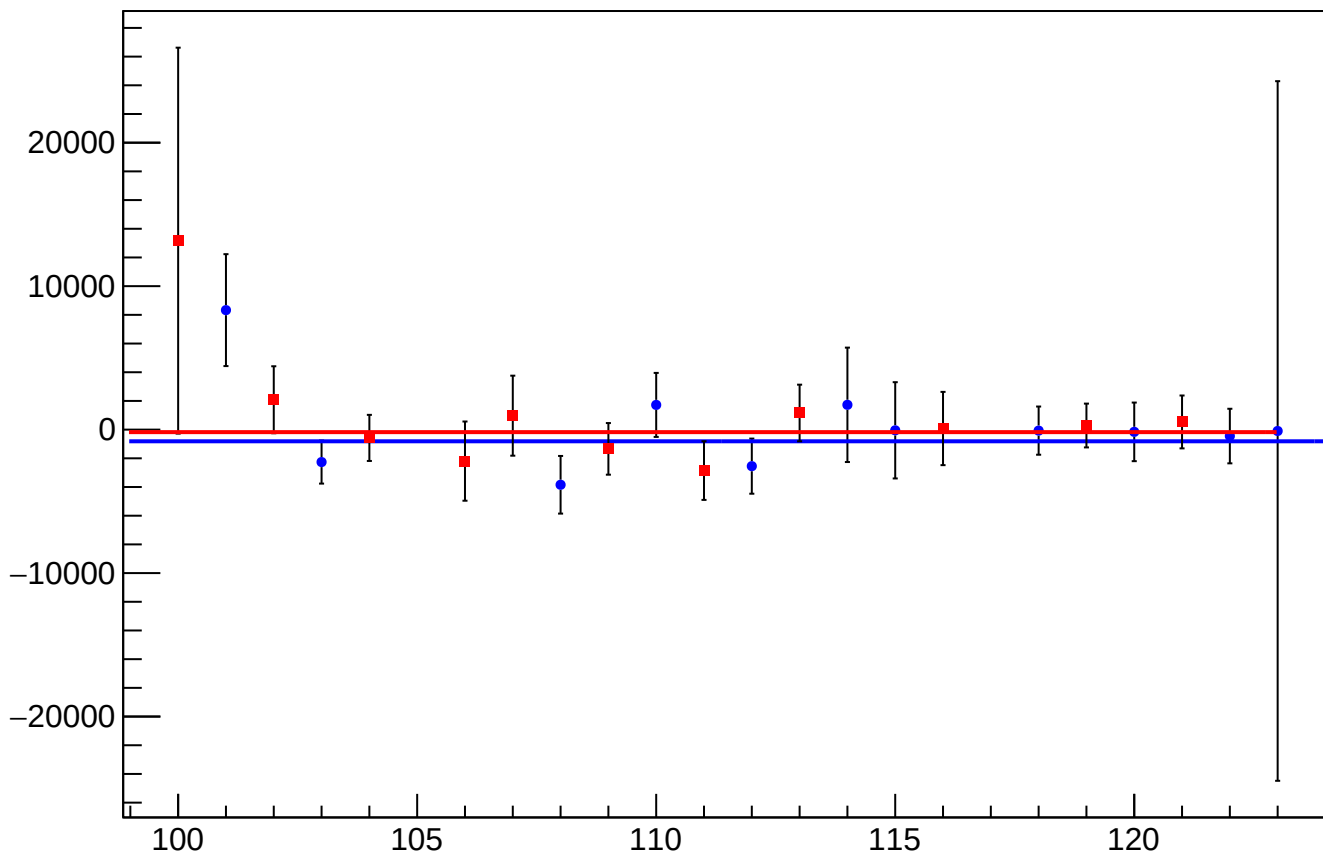
Right: 2881.540+/-0.724 χ^2/NDF : 1380027.1/21

In: 3338.870+/-1.173 χ^2/NDF :131140.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2881.540+/-0.724 χ^2/NDF : 1380027.1/21

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -813.680+/-666.265 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.690+/-630.189 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

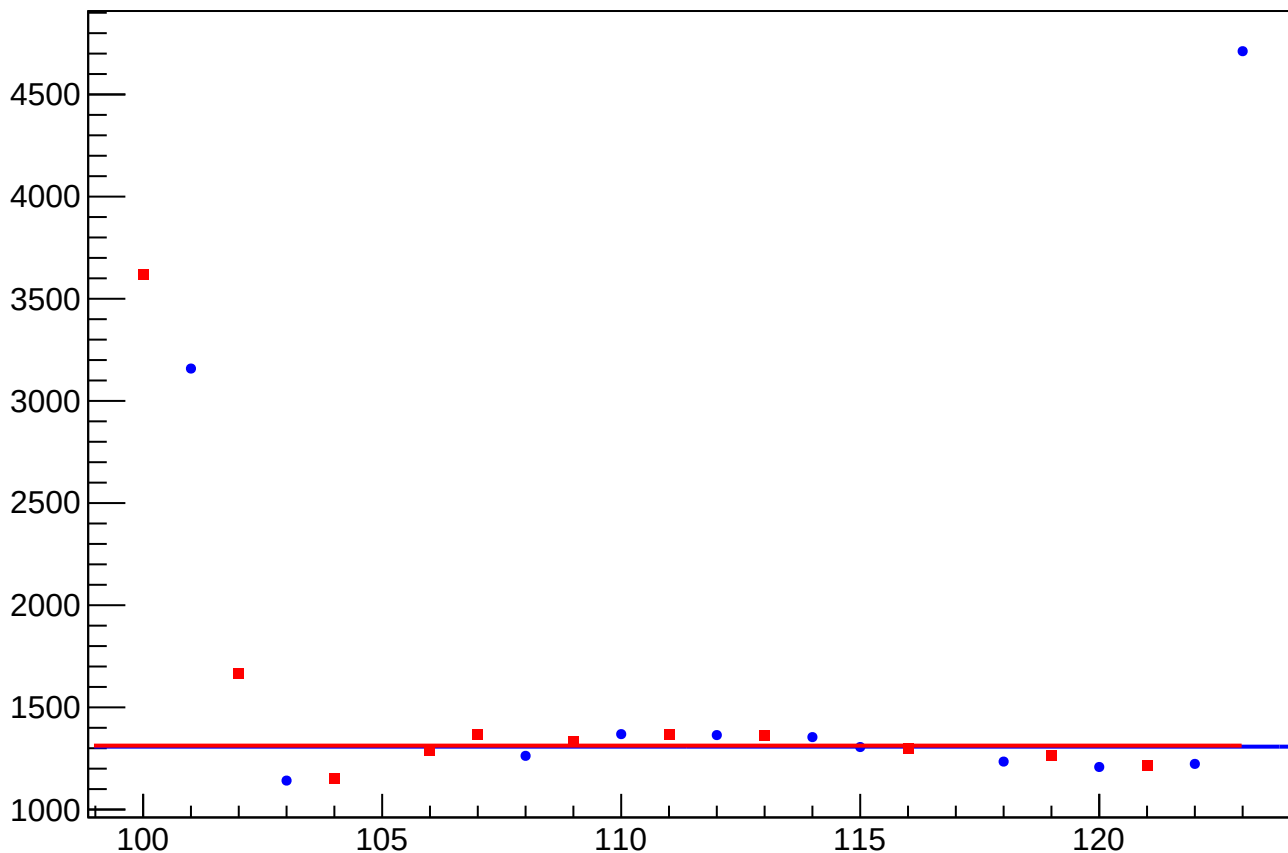
Right: -476.418+/-457.834 χ^2/NDF : 17.6/21

In: -813.680+/-666.265 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.418+/-457.834 χ^2/NDF : 17.6/21

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.760+/-0.444 χ^2/NDF : 136298.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

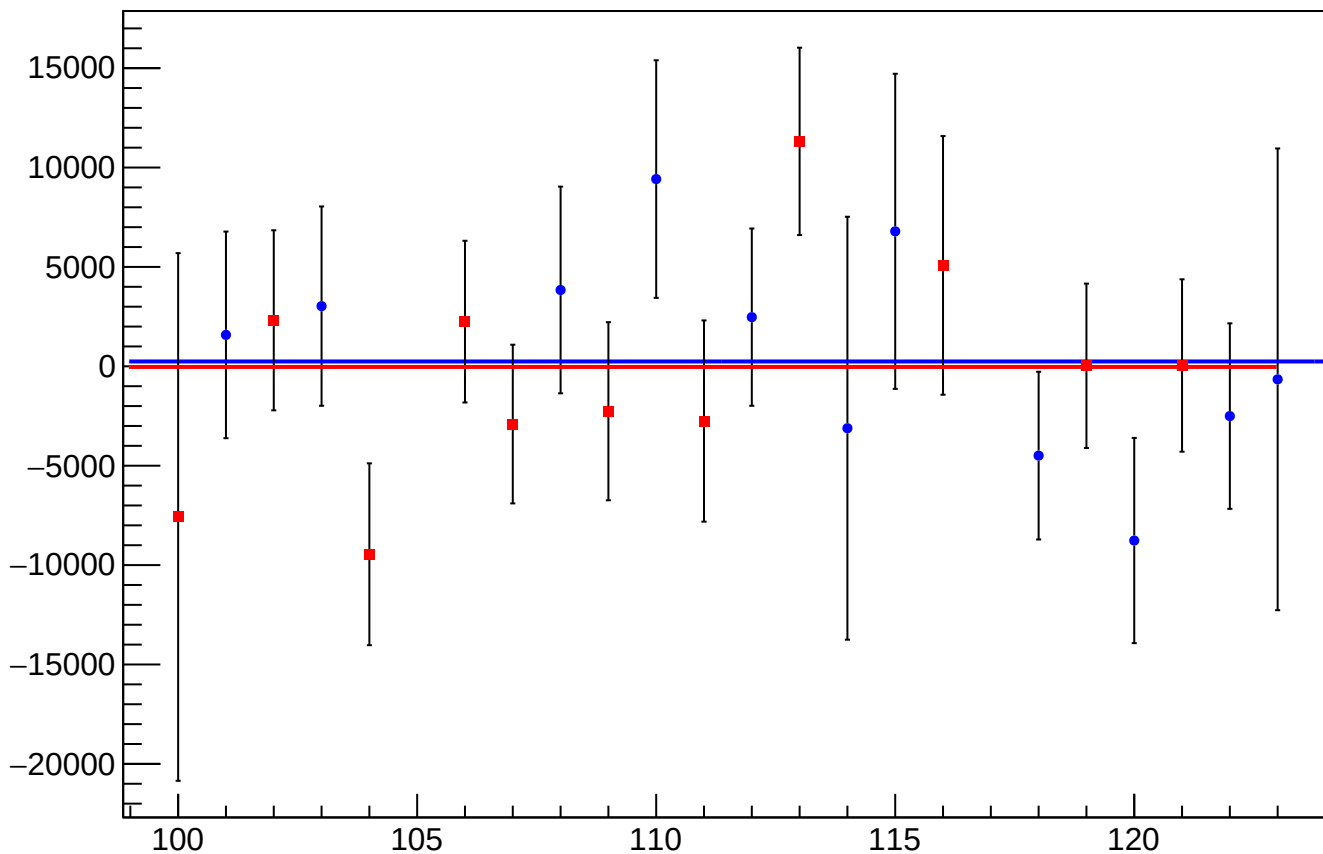
Right: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.439+/-1422.045 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

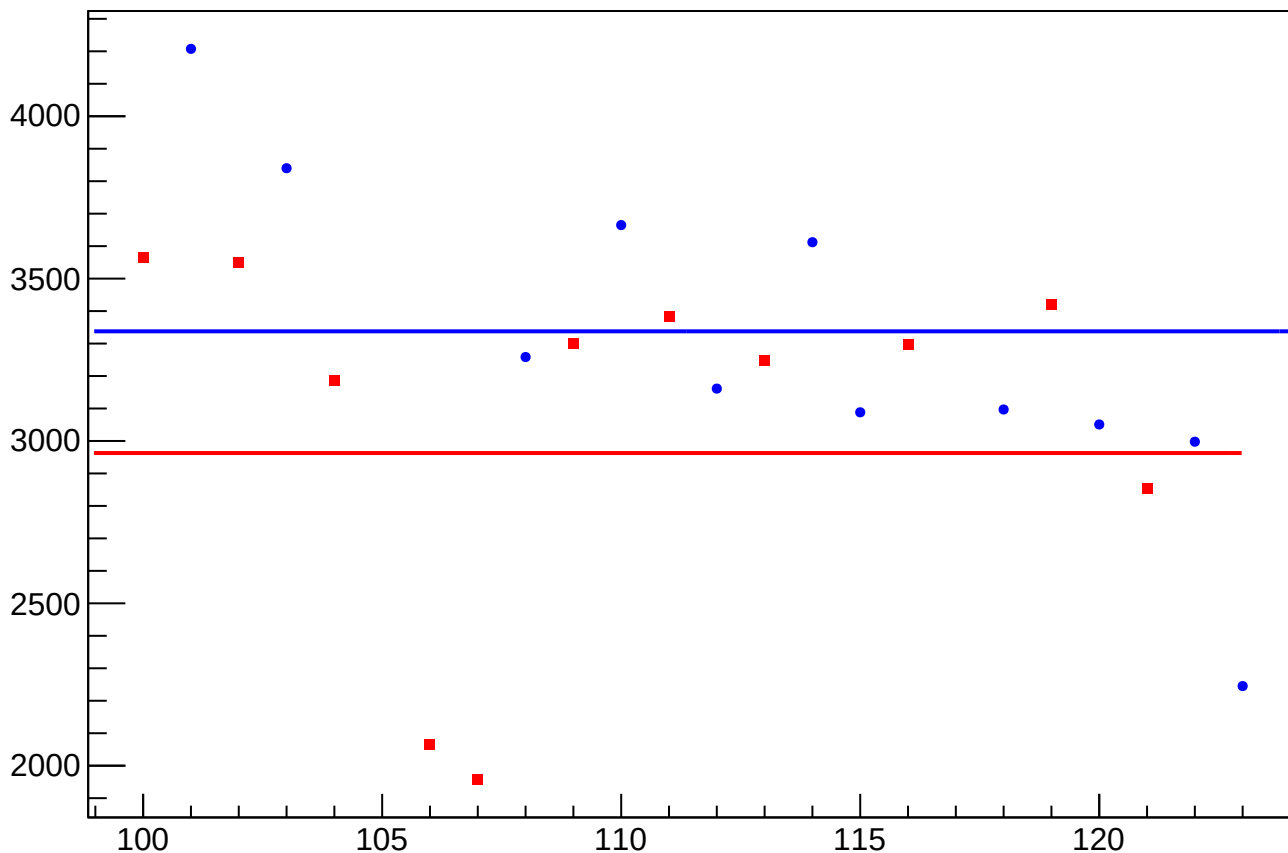
Right: 85.479+/-1079.348 χ^2/NDF : 21.5/21

In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-1079.348 χ^2/NDF : 21.5/21

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.685 $\pm$ 1.172 χ^2/NDF : 129990.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2962.873 $\pm$ 1.006 χ^2/NDF : 330424.4/10

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

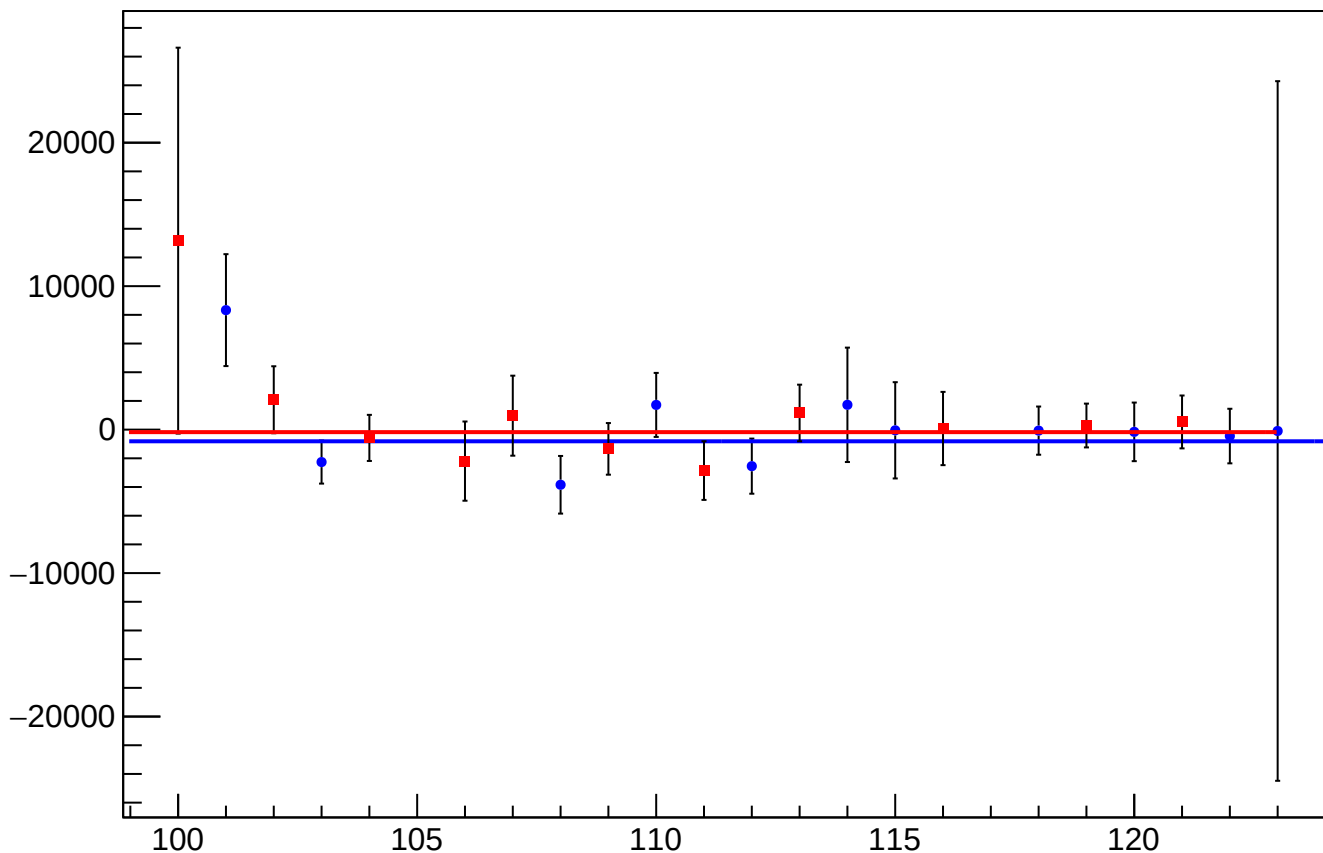
Right: 3121.757 $\pm$ 0.763 χ^2/NDF : 519312.7/21

In: 3337.685 $\pm$ 1.172 χ^2/NDF : 129990.6/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3121.757 $\pm$ 0.763 χ^2/NDF : 519312.7/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -813.680+/-666.265 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -174.690+/-630.189 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

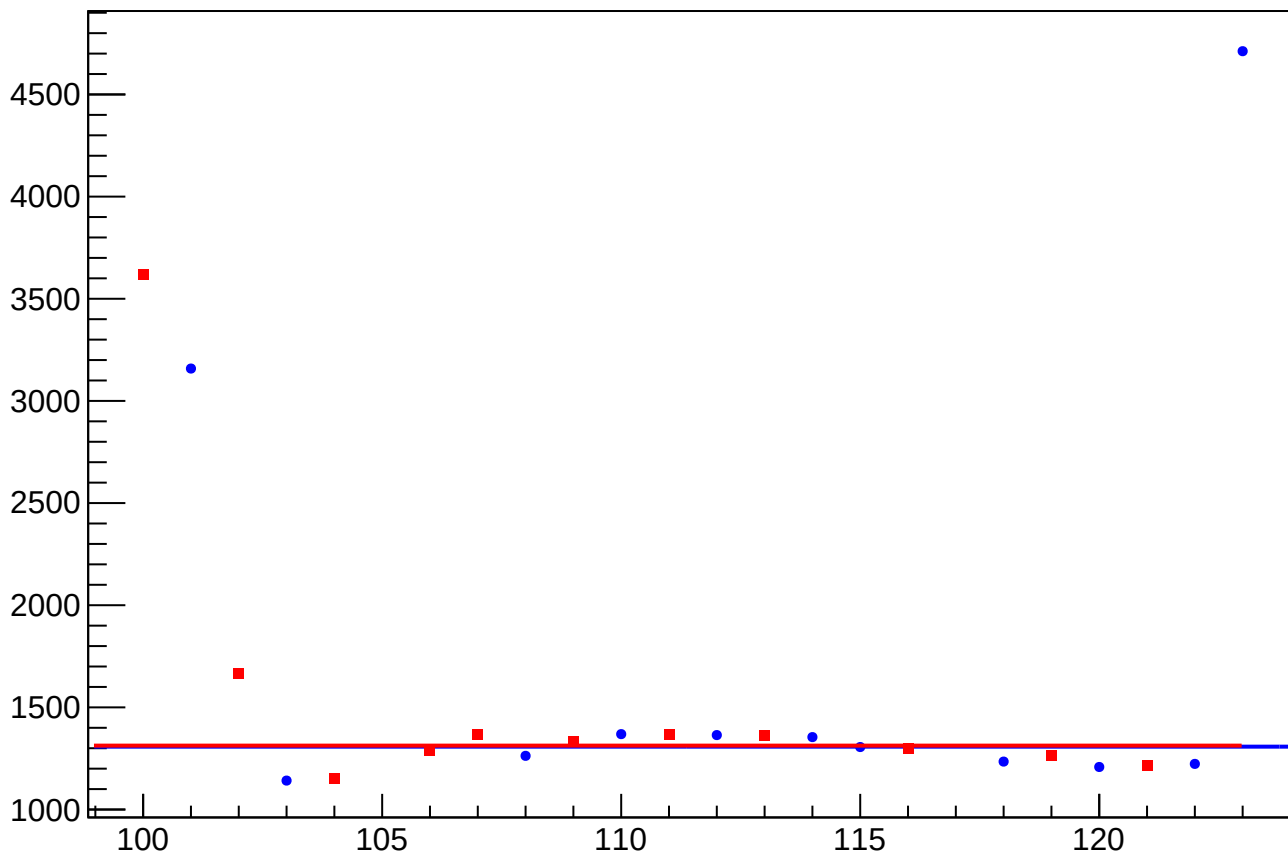
Right: -476.418+/-457.834 χ^2 /NDF: 17.6/21

In: -813.680+/-666.265 χ^2 /NDF:11.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -476.418+/-457.834 χ^2 /NDF: 17.6/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.760+/-0.444 χ^2/NDF : 136298.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

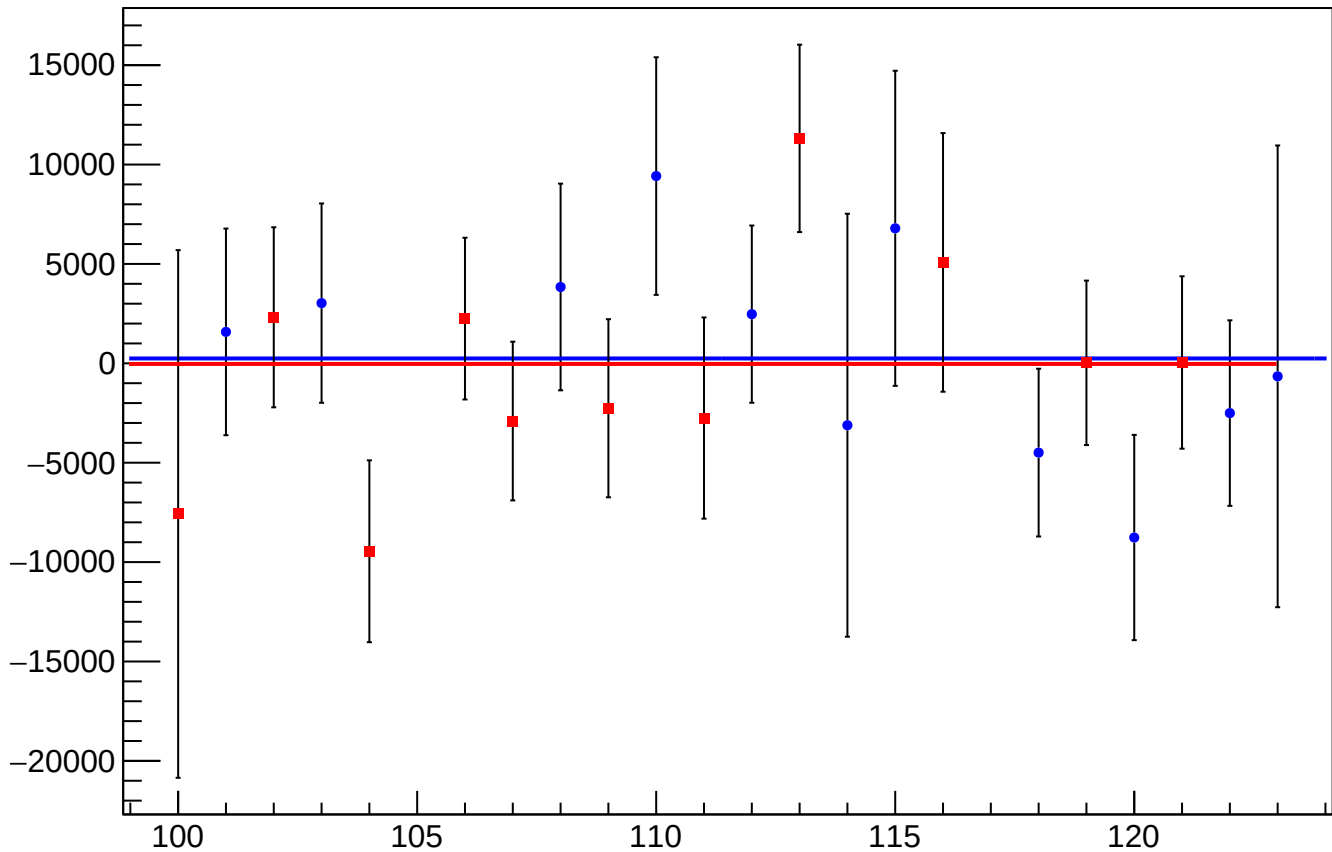
Right: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

In: 1307.723+/-0.471 χ^2/NDF : 530773.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.389+/-0.323 χ^2/NDF : 667132.5/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.439+/-1422.045 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

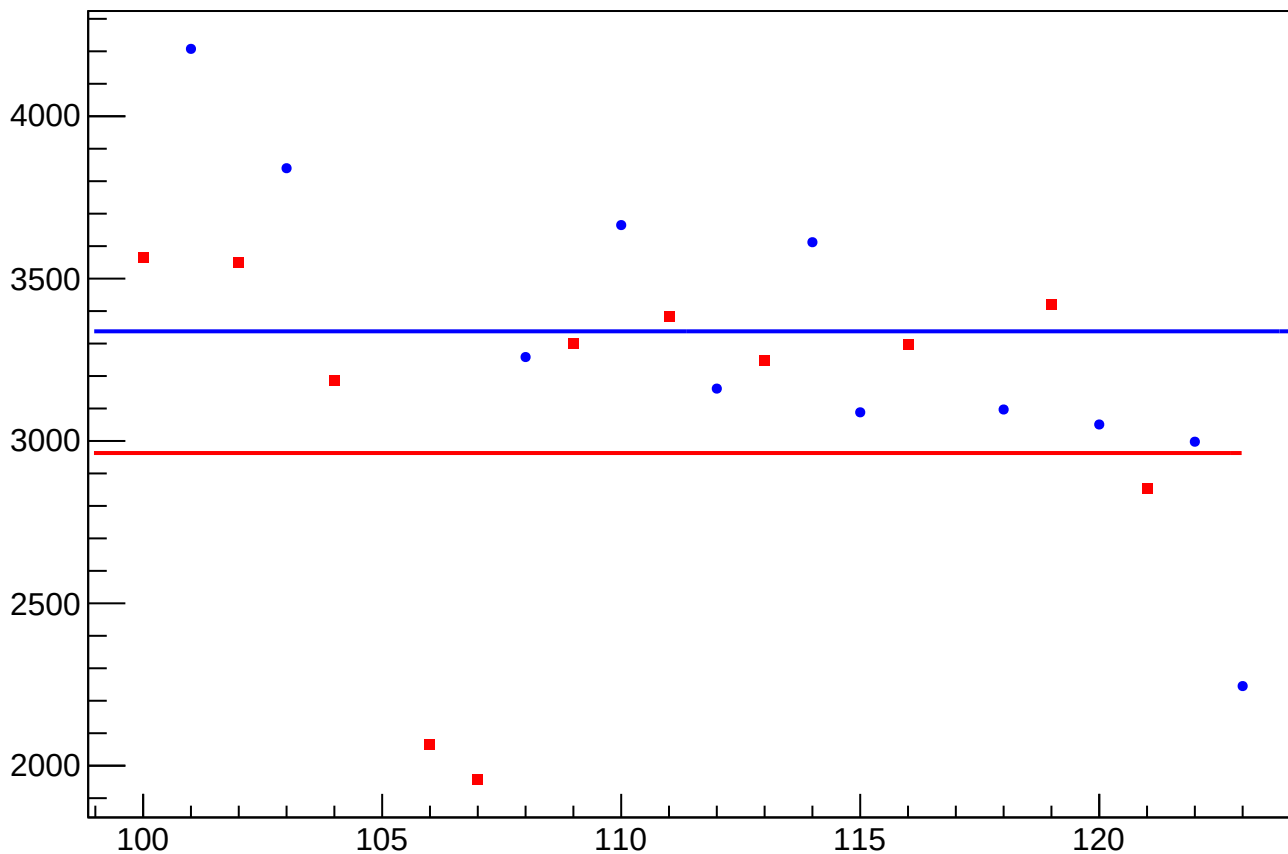
Right: 85.479+/-1079.348 χ^2/NDF : 21.5/21

In: 244.375+/-1657.785 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-1079.348 χ^2/NDF : 21.5/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.873+/-1.006 χ^2/NDF : 330424.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

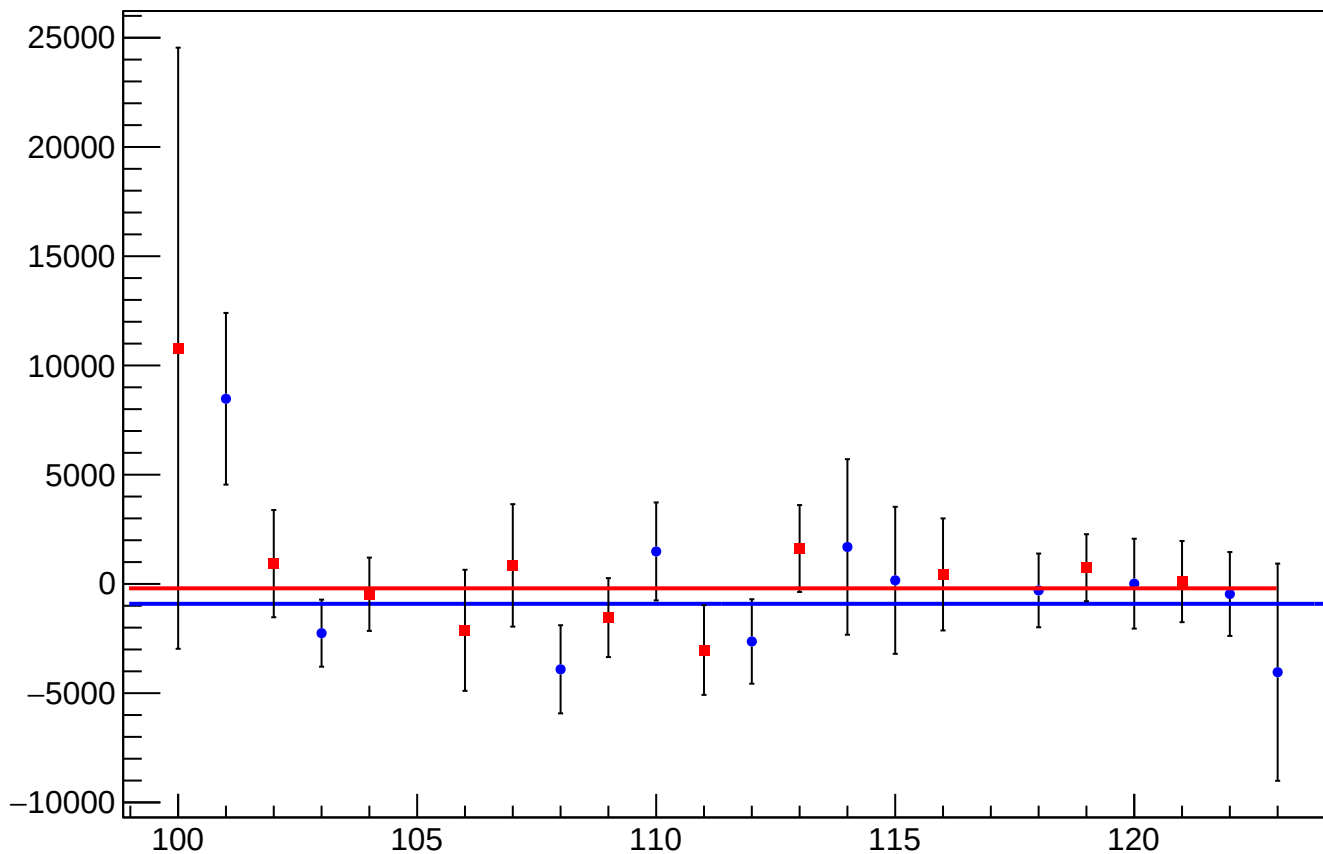
Right: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

In: 3337.685+/-1.172 χ^2/NDF : 129990.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.757+/-0.763 χ^2/NDF : 519312.7/21

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -909.907+/-666.470 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.279+/-639.298 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

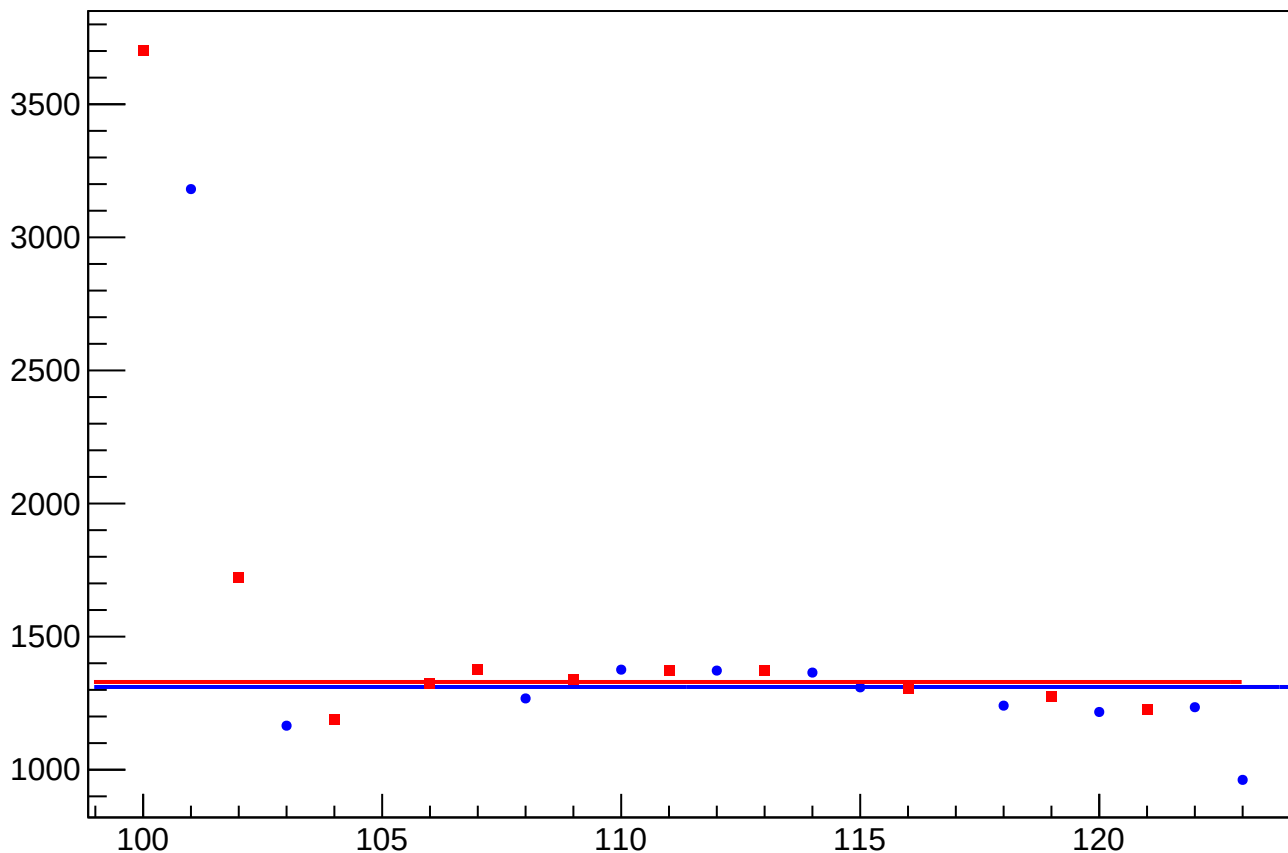
Right: -540.853+/-461.359 χ^2/NDF : 17.8/21

In: -909.907+/-666.470 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.853+/-461.359 χ^2/NDF : 17.8/21

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1310.848+/-0.471 χ^2/NDF : 496777.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.652+/-0.451 χ^2/NDF : 135750.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

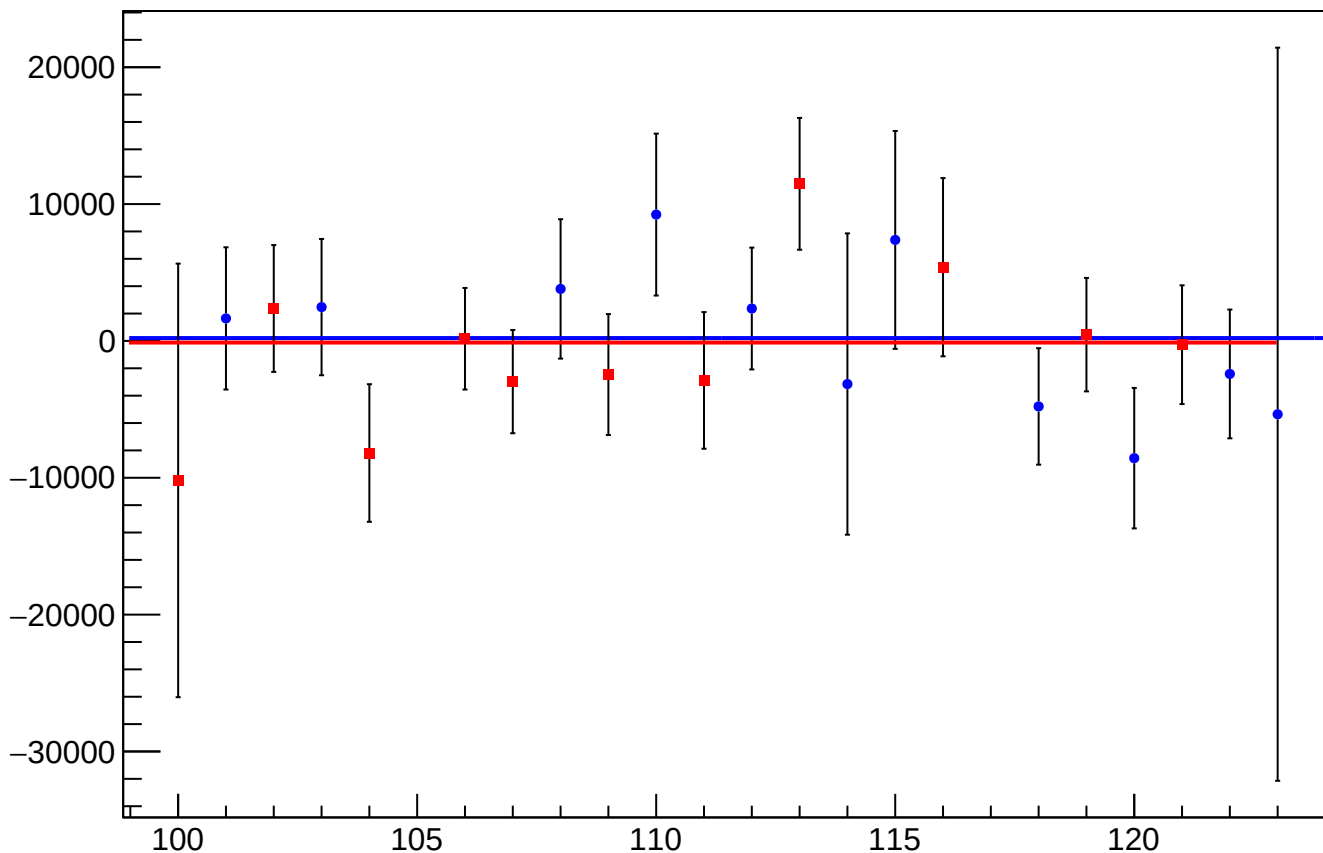
Right: 1320.653+/-0.326 χ^2/NDF : 633358.5/21

In: 1310.848+/-0.471 χ^2/NDF : 496777.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.653+/-0.326 χ^2/NDF : 633358.5/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.979 $\pm$ 1669.515 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.435 $\pm$ 1410.857 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

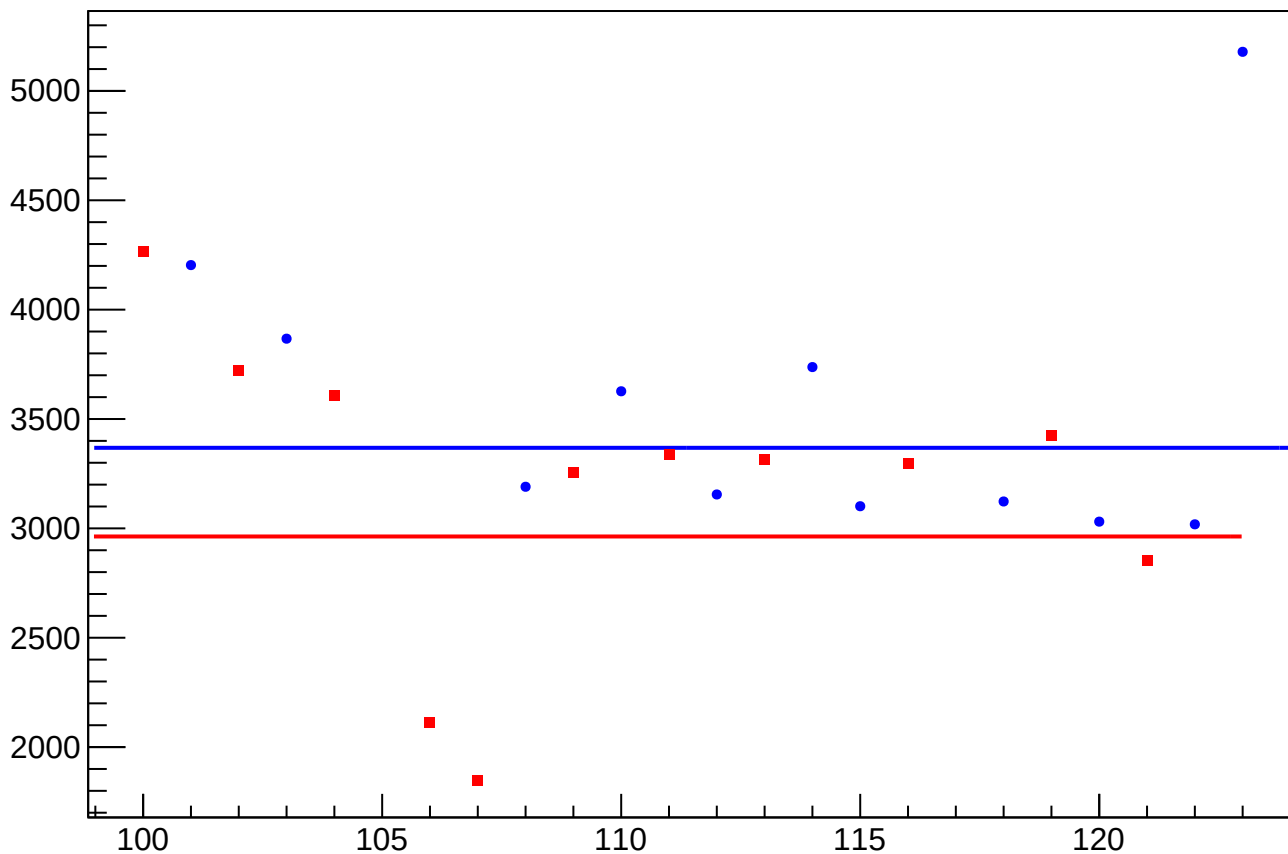
Right: 17.972 $\pm$ 1077.605 χ^2 /NDF: 19.9/21

In: 208.979 $\pm$ 1669.515 χ^2 /NDF: 8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.972 $\pm$ 1077.605 χ^2 /NDF: 19.9/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3368.330+/-1.181 χ^2/NDF : 122633.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.931+/-0.998 χ^2/NDF : 442380.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

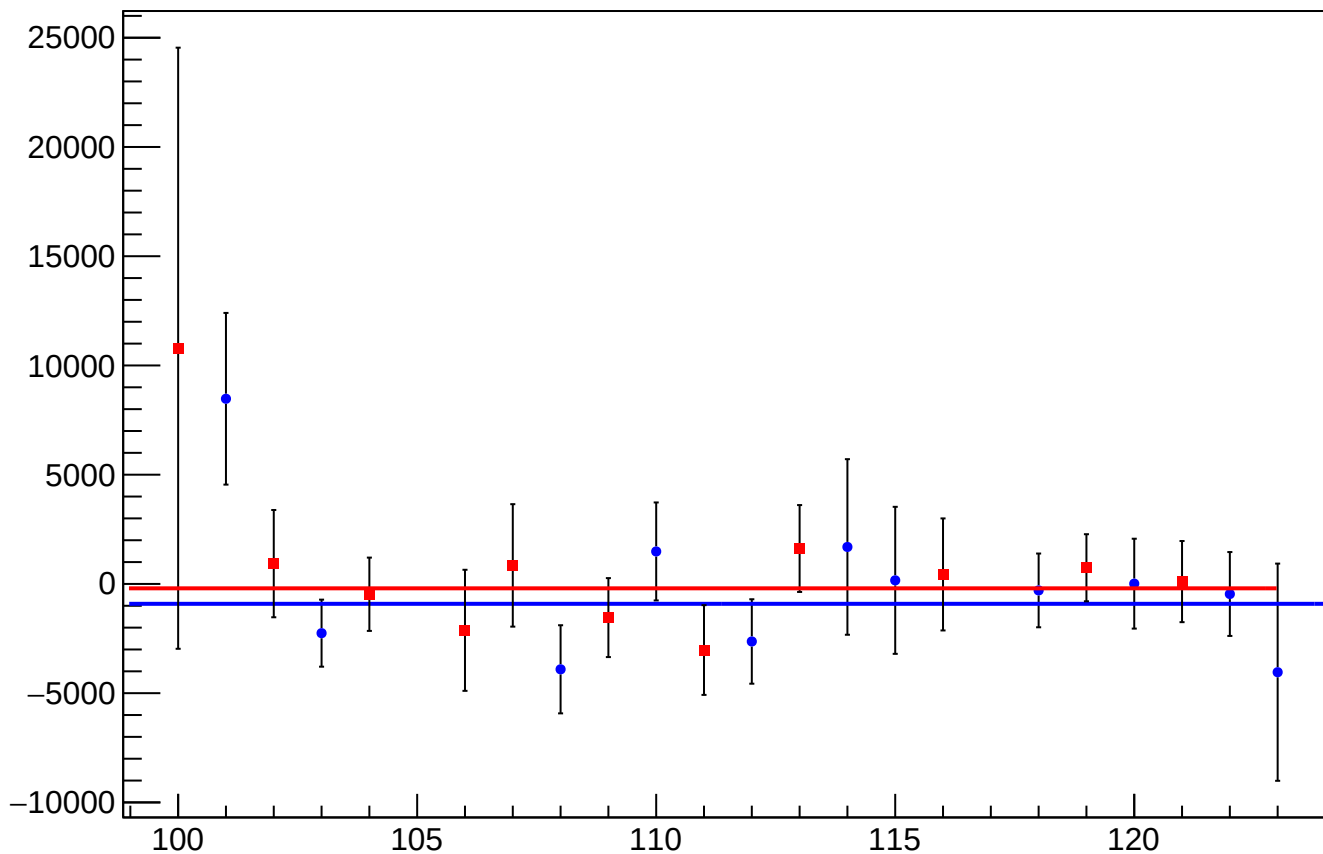
Right: 3131.827+/-0.762 χ^2/NDF : 633810.8/21

In: 3368.330+/-1.181 χ^2/NDF : 122633.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.827+/-0.762 χ^2/NDF : 633810.8/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -909.905+/-666.470 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.288+/-639.298 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

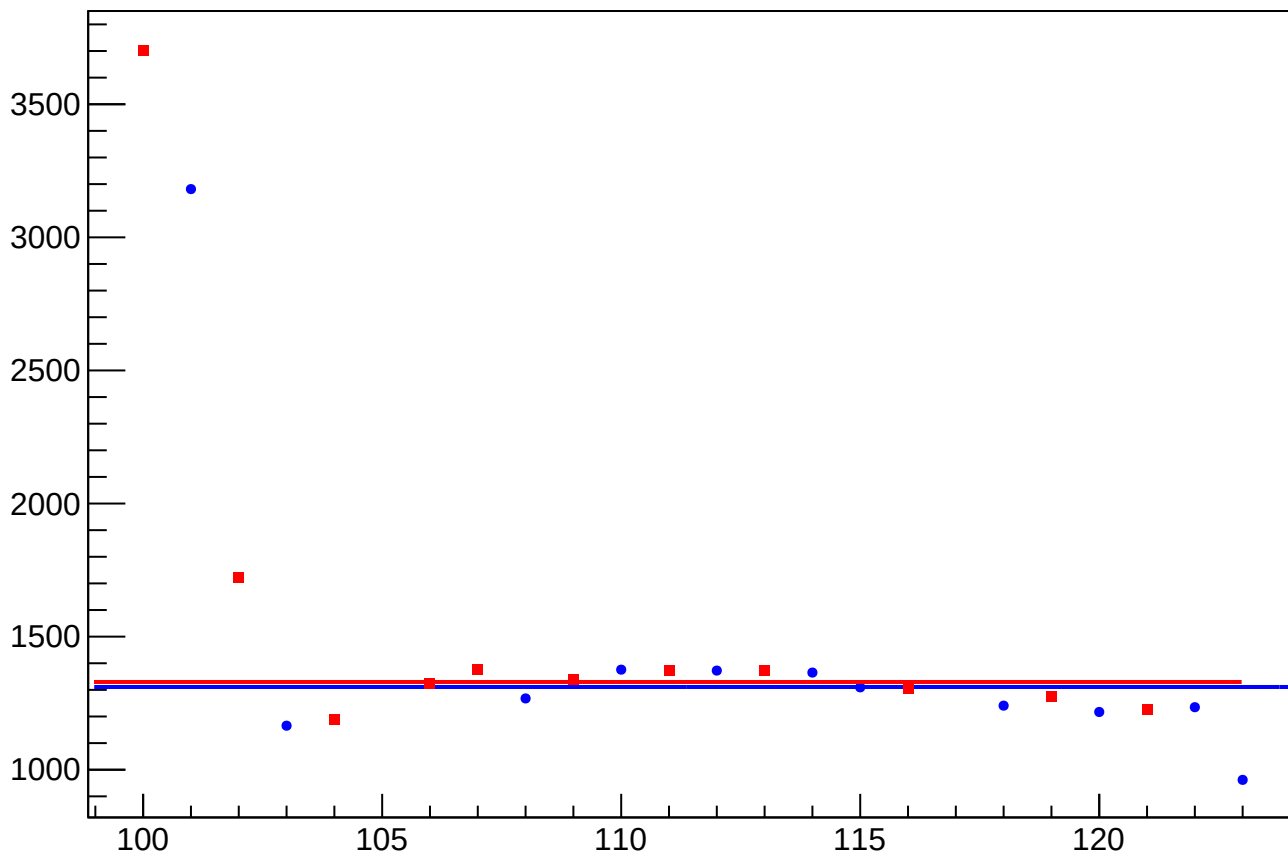
Right: -540.857+/-461.359 χ^2/NDF : 17.8/21

In: -909.905+/-666.470 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.857+/-461.359 χ^2/NDF : 17.8/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1310.848 $\pm$ 0.471 χ^2 /NDF: 496777.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1329.652 $\pm$ 0.451 χ^2 /NDF: 135750.6/10

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

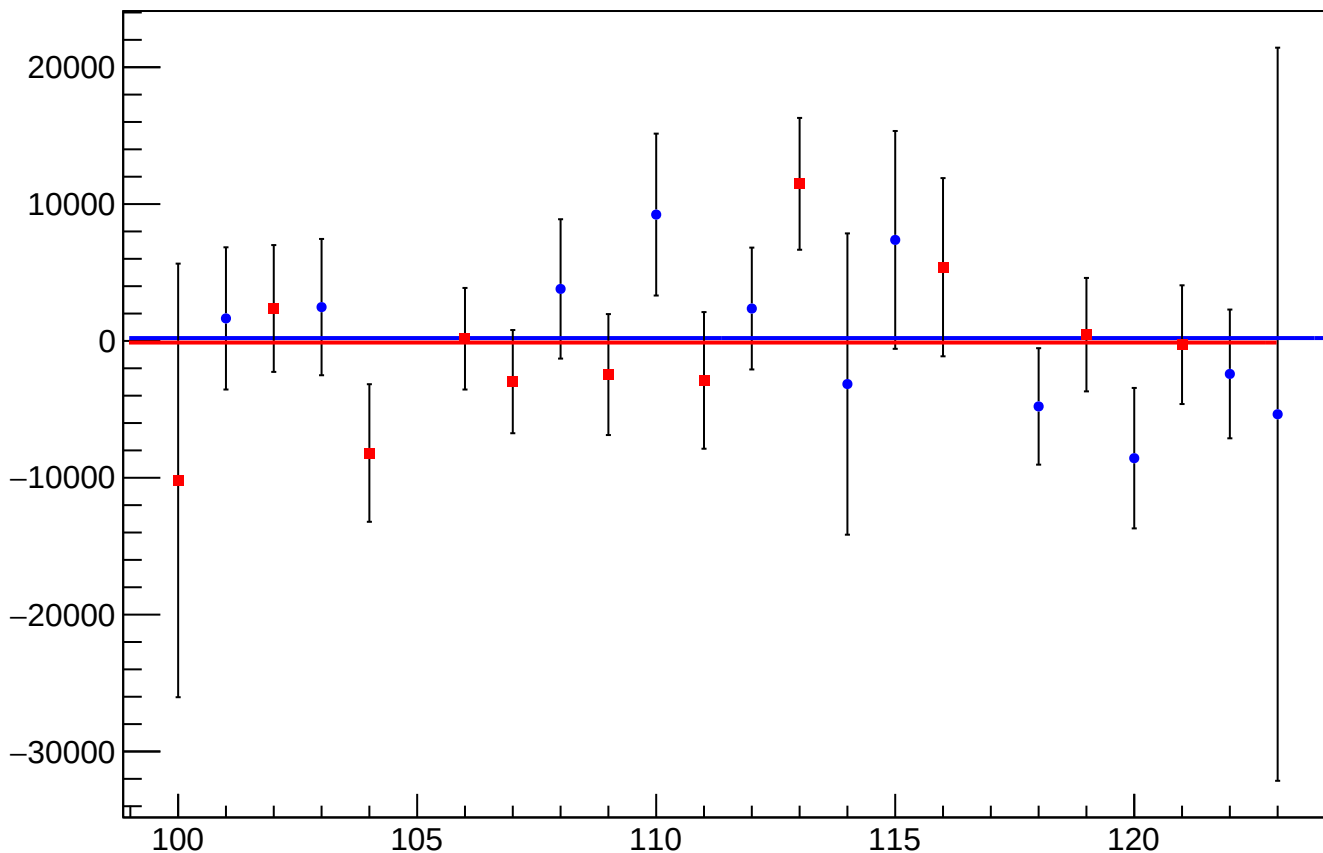
Right: 1320.653 $\pm$ 0.326 χ^2 /NDF: 633358.6/21

In: 1310.848 $\pm$ 0.471 χ^2 /NDF: 496777.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1320.653 $\pm$ 0.326 χ^2 /NDF: 633358.6/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.971 $\pm$ 1669.510 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -118.438 $\pm$ 1410.854 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

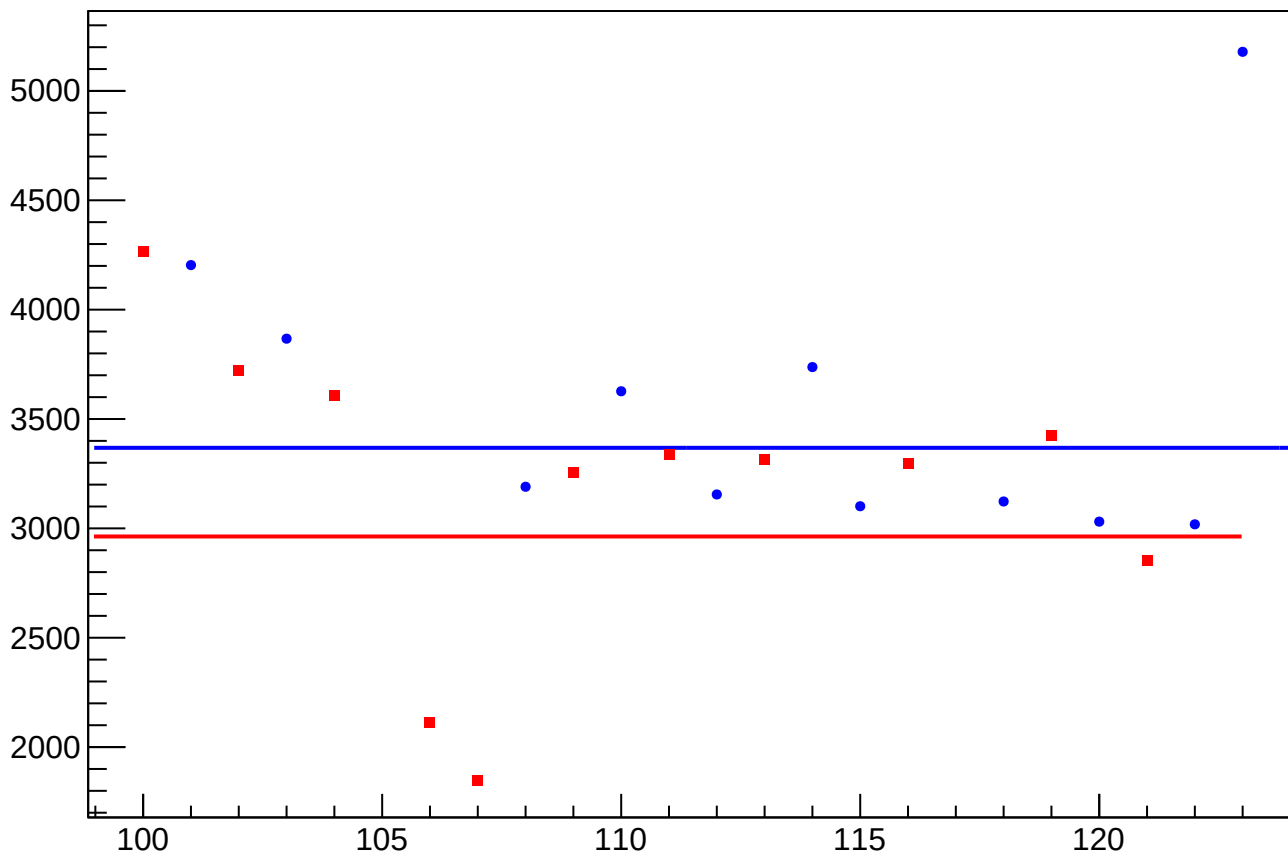
Right: 17.967 $\pm$ 1077.602 χ^2 /NDF: 19.9/21

In: 208.971 $\pm$ 1669.510 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.967 $\pm$ 1077.602 χ^2 /NDF: 19.9/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3368.319+/-1.181 χ^2/NDF : 122636.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2962.923+/-0.998 χ^2/NDF : 442382.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

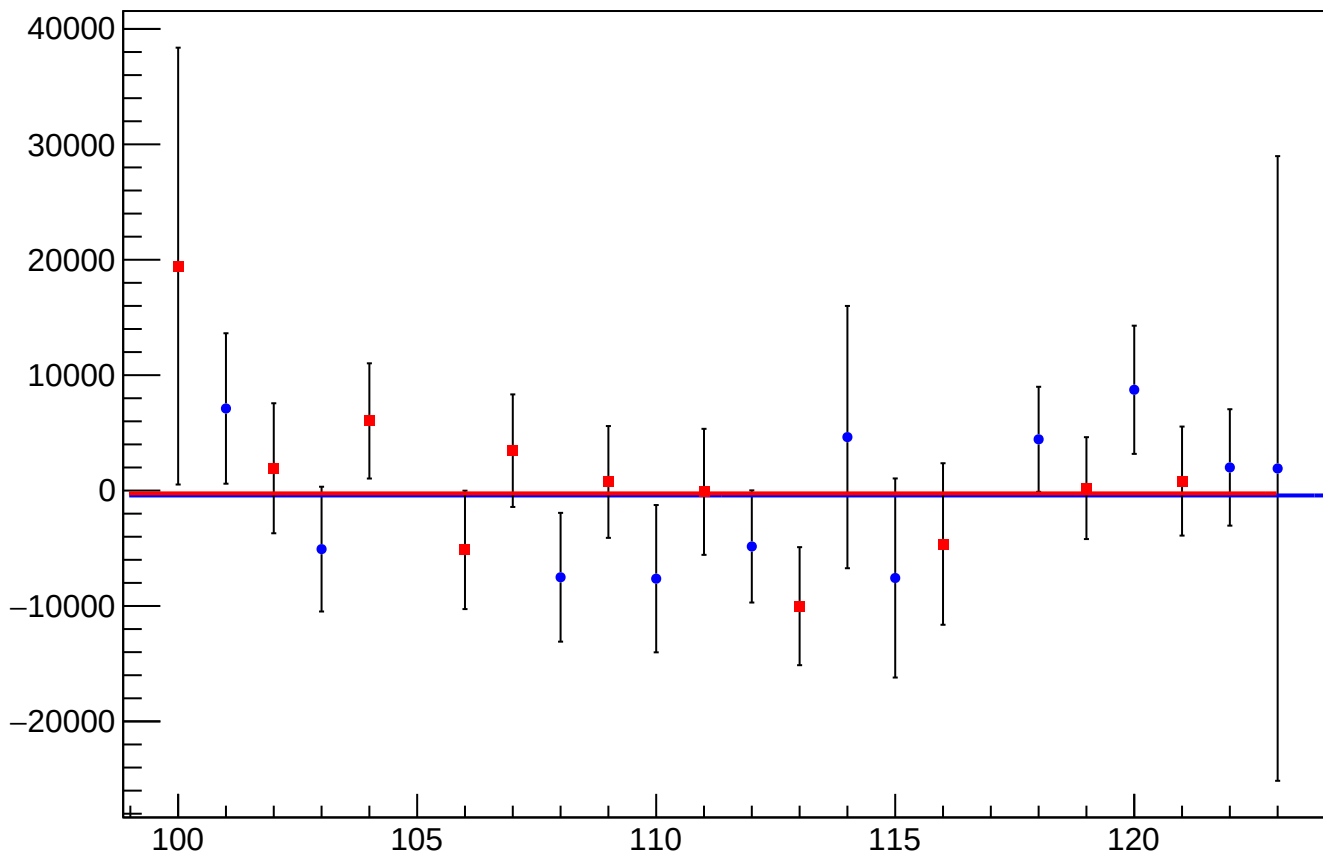
Right: 3131.819+/-0.762 χ^2/NDF : 633814.8/21

In: 3368.319+/-1.181 χ^2/NDF : 122636.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.819+/-0.762 χ^2/NDF : 633814.8/21

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -423.543+/-1827.736 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -244.320+/-1610.724 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

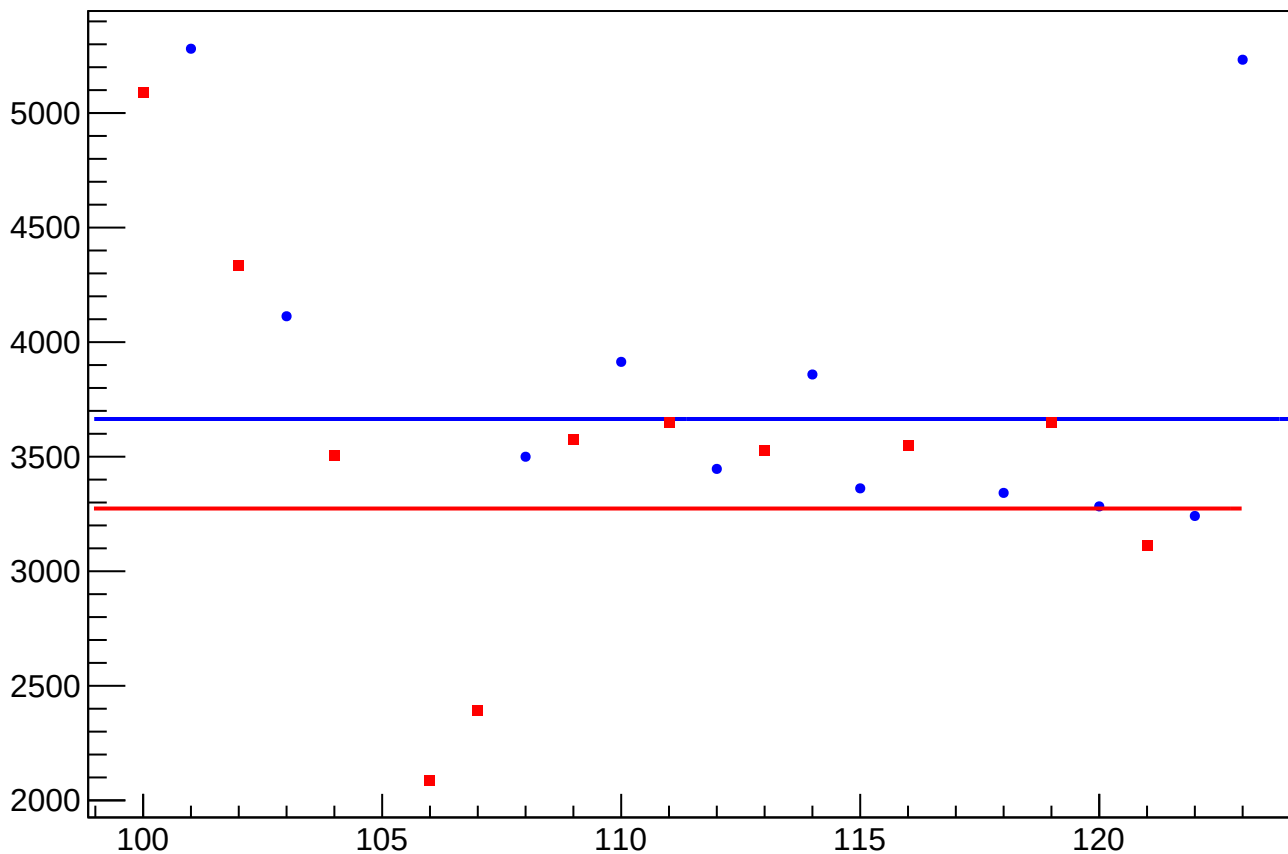
Right: -322.665+/-1208.432 χ^2/NDF : 19.2/21

In: -423.543+/-1827.736 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.665+/-1208.432 χ^2/NDF : 19.2/21

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3664.565+/-1.292 χ^2/NDF : 188861.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.815+/-1.117 χ^2/NDF : 351966.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

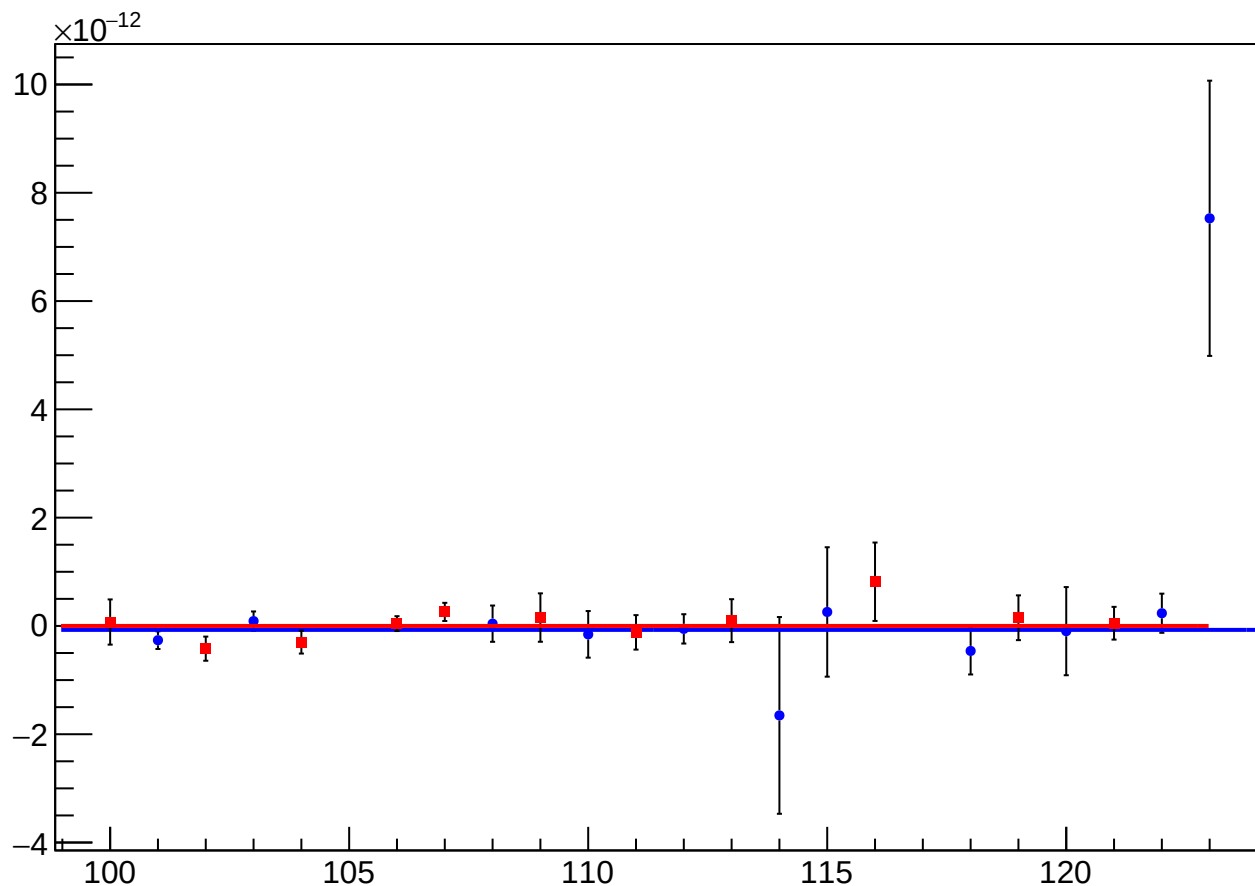
Right: 3440.826+/-0.845 χ^2/NDF : 593170.1/21

In: 3664.565+/-1.292 χ^2/NDF : 188861.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3440.826+/-0.845 χ^2/NDF : 593170.1/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/10

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

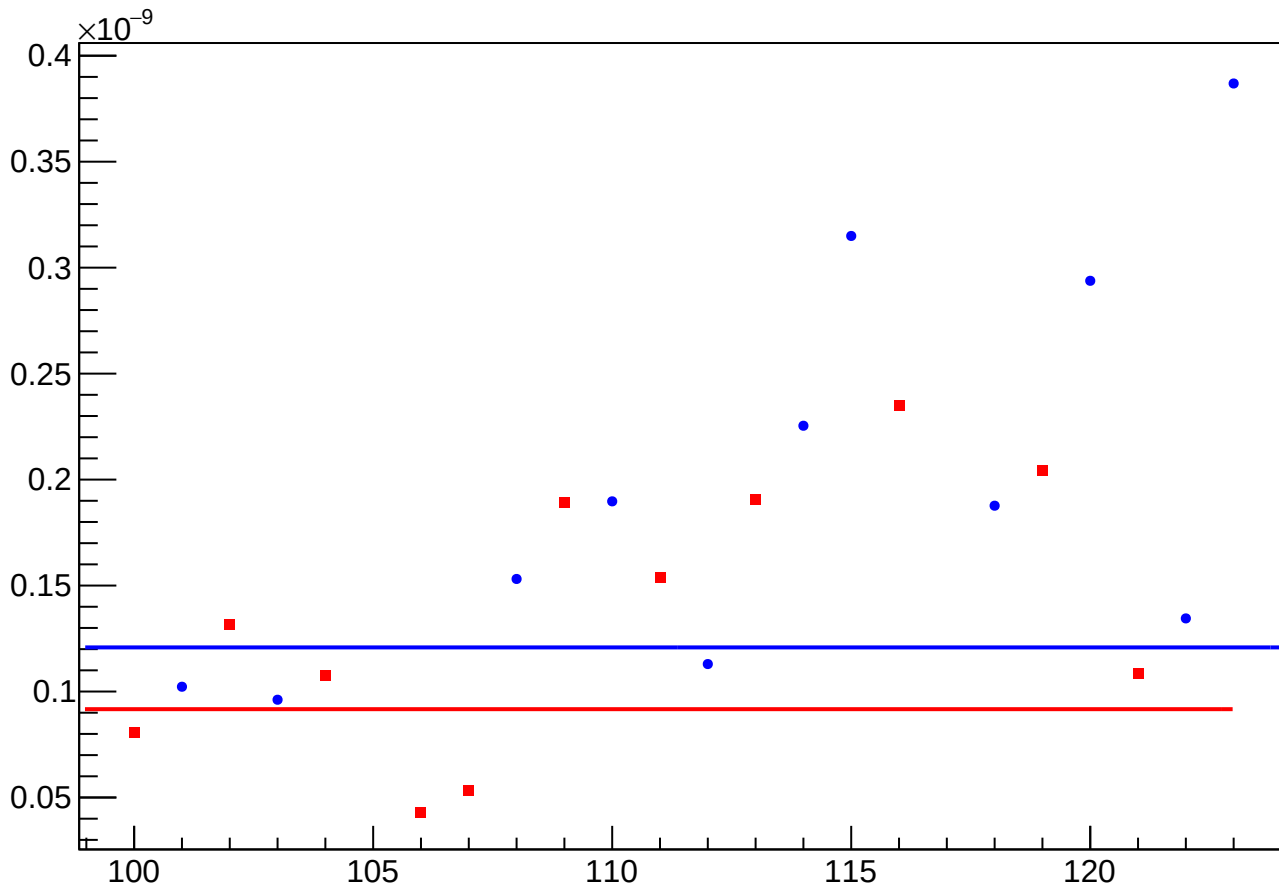
Right: -0.000+/-0.000 χ^2/NDF : 23.8/21

In: -0.000+/-0.000 χ^2/NDF : 13.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 357841.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 961039.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

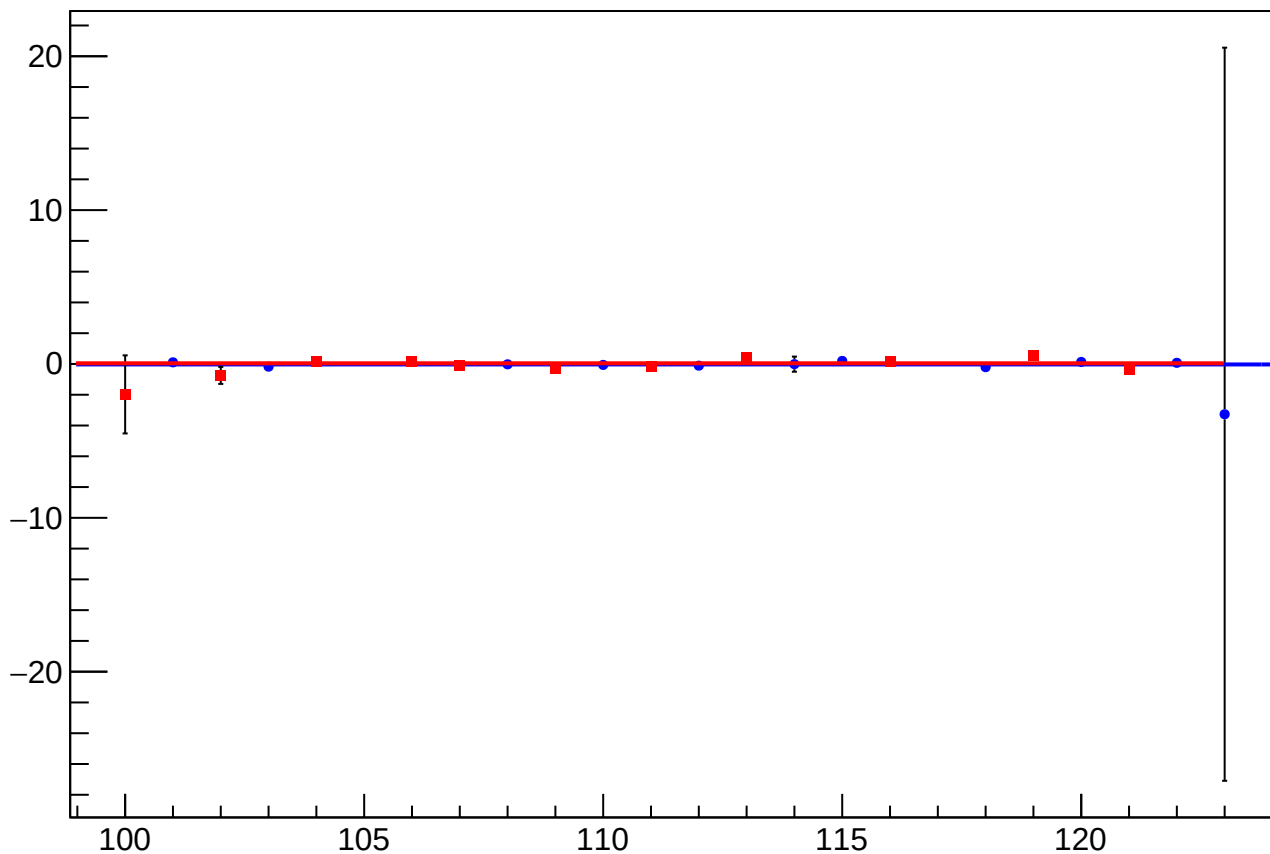
Right: 0.000+/-0.000 χ^2/NDF : 1435855.4/21

In: 0.000+/-0.000 χ^2/NDF : 357841.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1435855.4/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

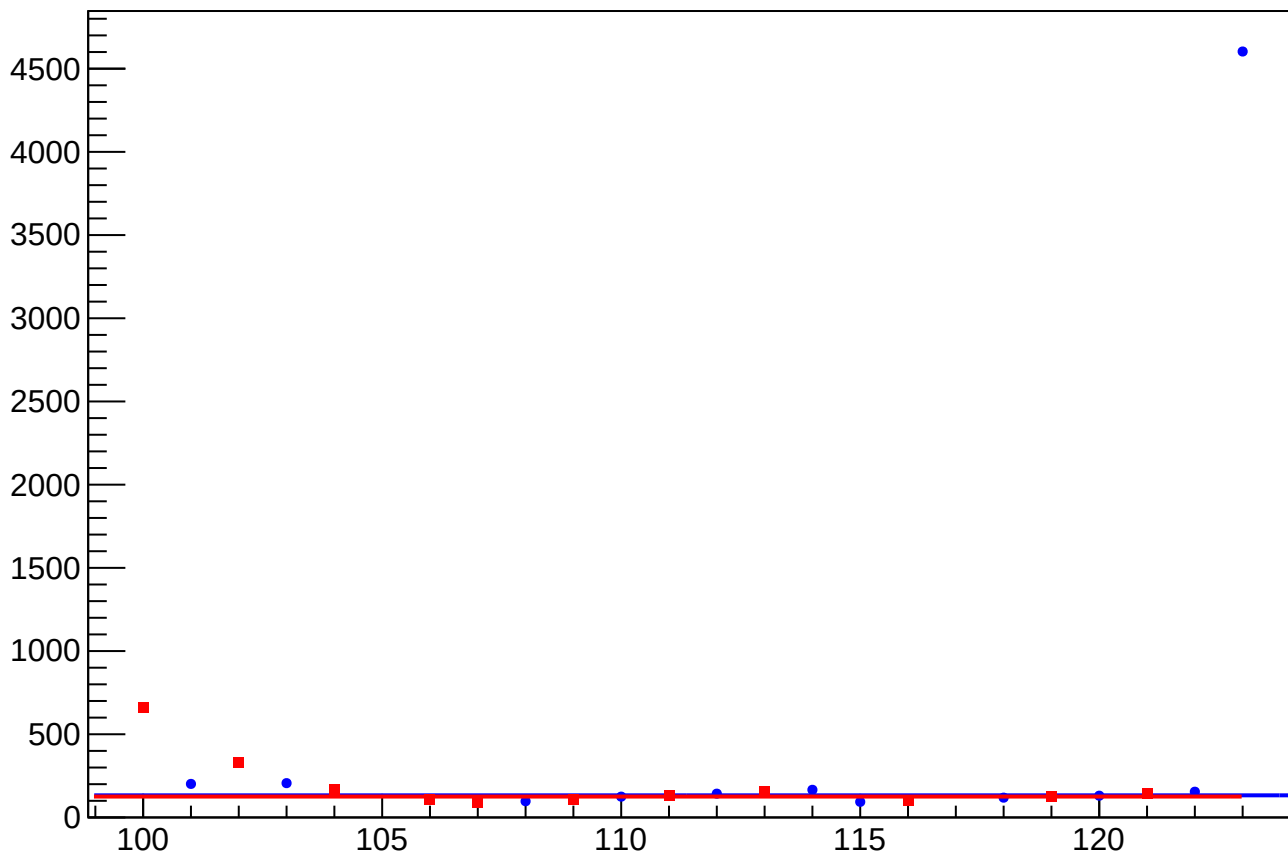
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.588+/-0.046 χ^2/NDF : 610681.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

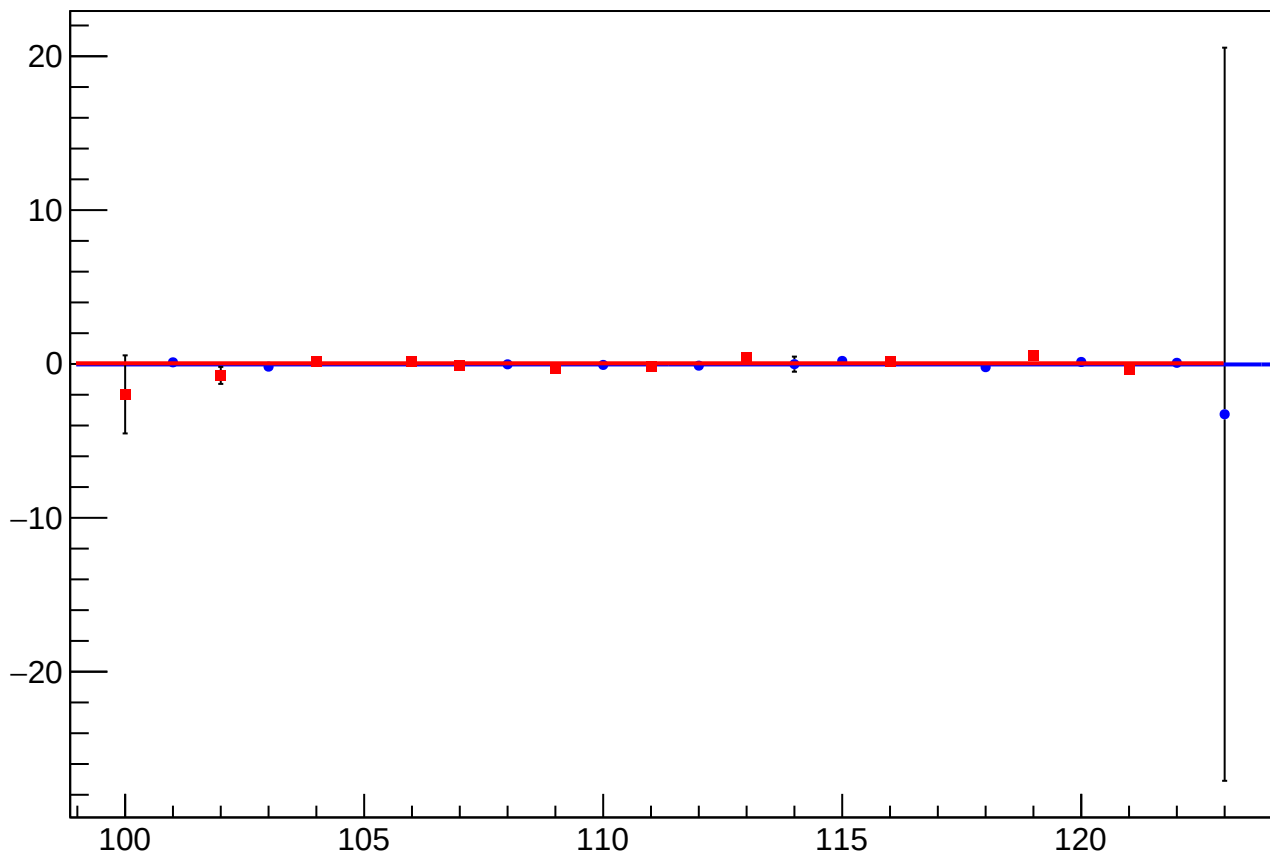
Right: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

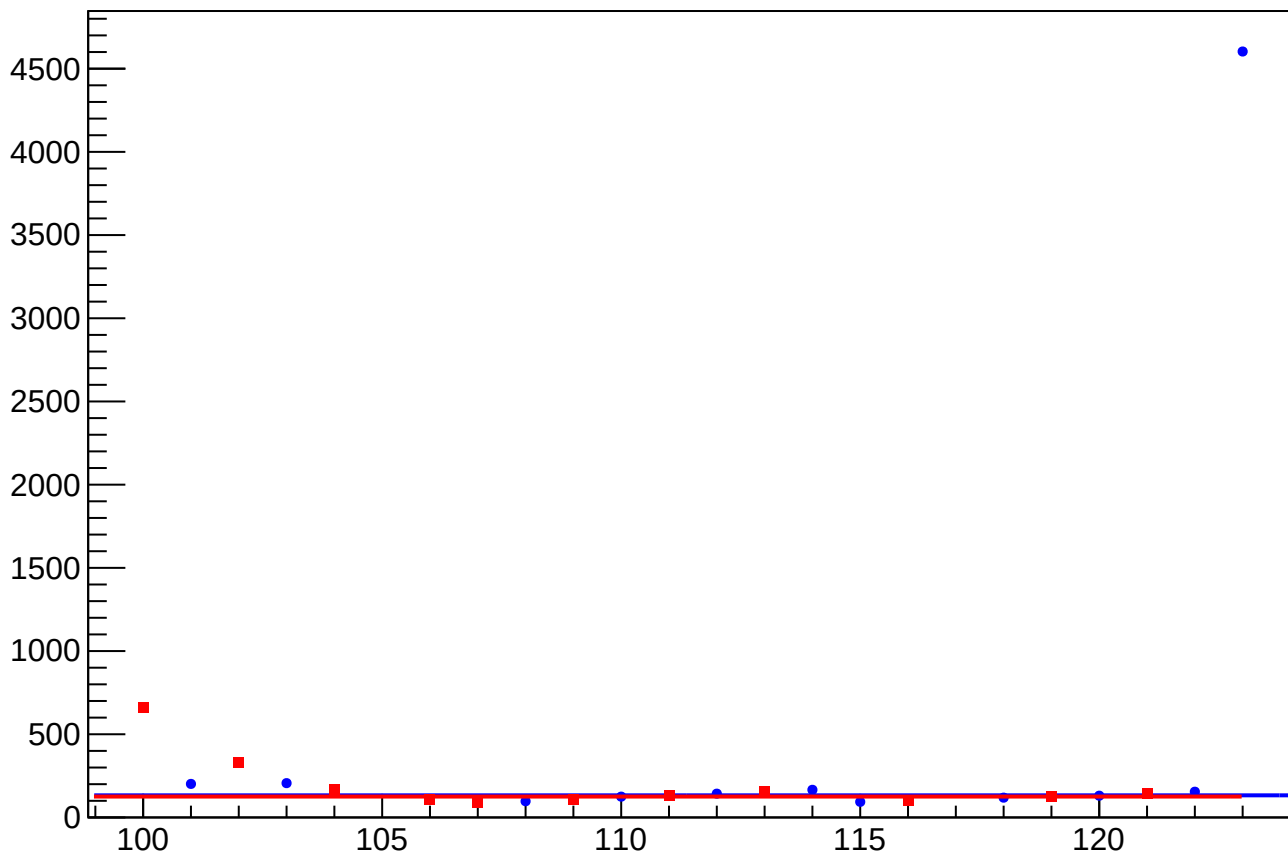
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.588+/-0.046 χ^2/NDF : 610681.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

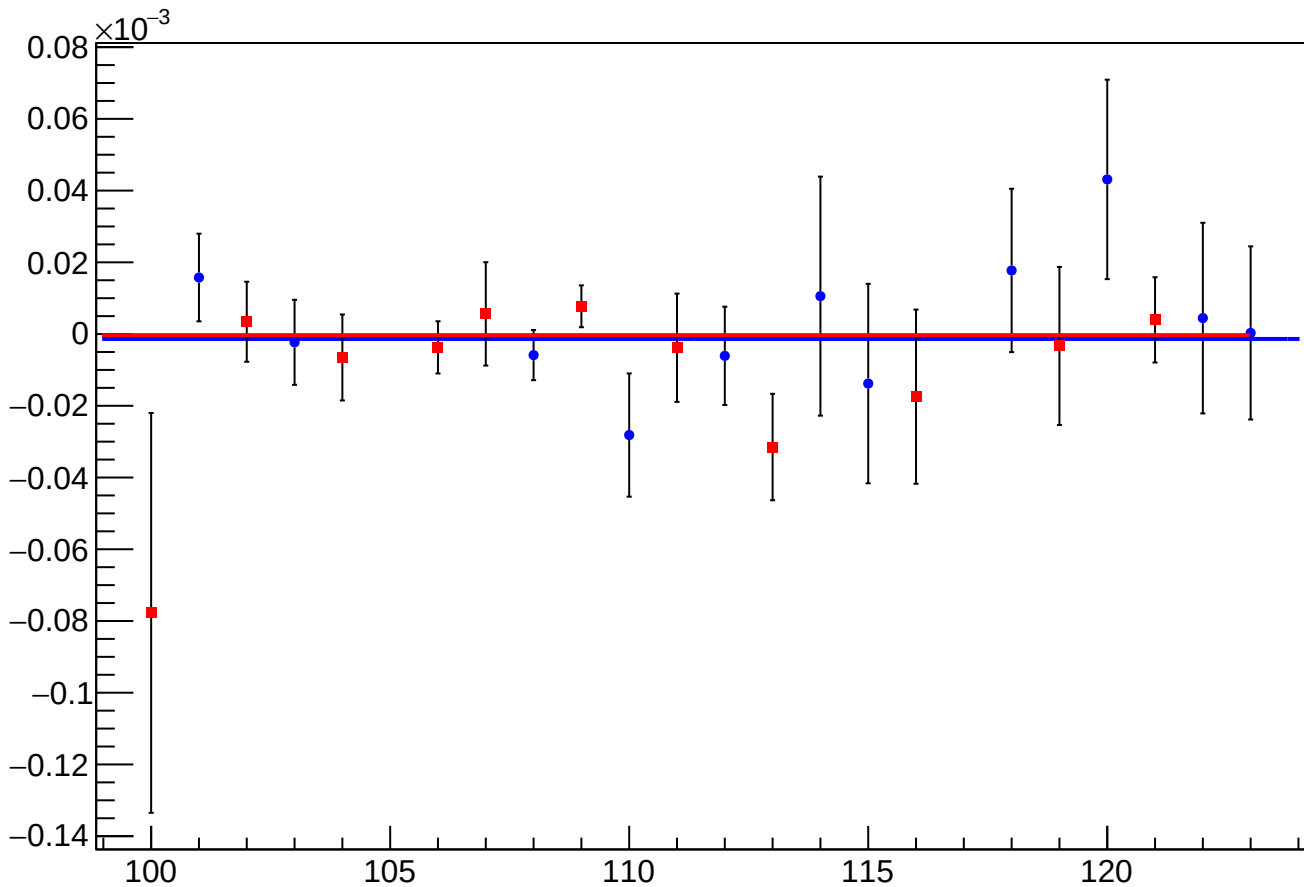
Right: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

In: 132.961+/-0.049 χ^2/NDF : 553215.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.025+/-0.033 χ^2/NDF : 1176080.8/21

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 : 8.6/10

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

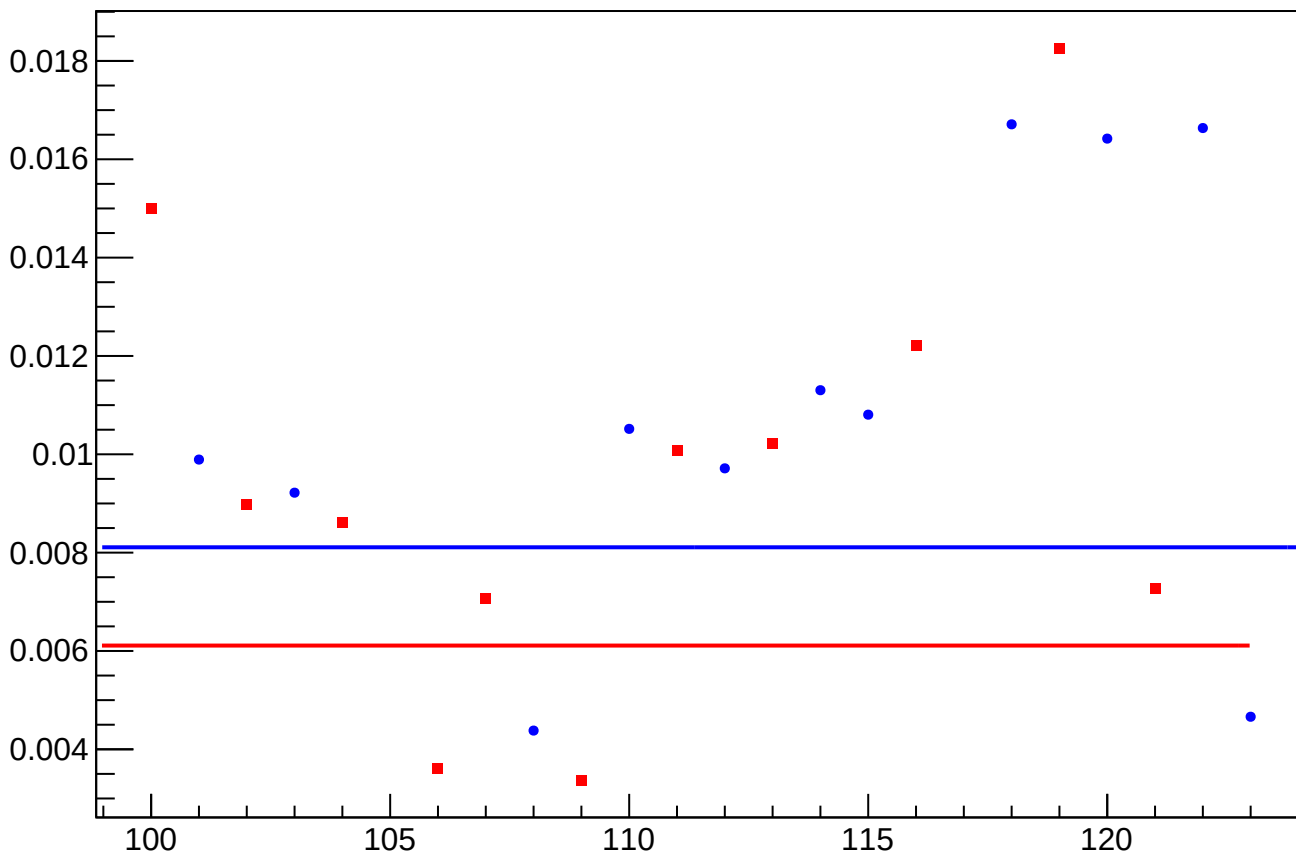
Right: -0.000+/-0.000 χ^2/NDF : 18.3/21

In: -0.000+/-0.000 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/21

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 : 1444524.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2001288.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

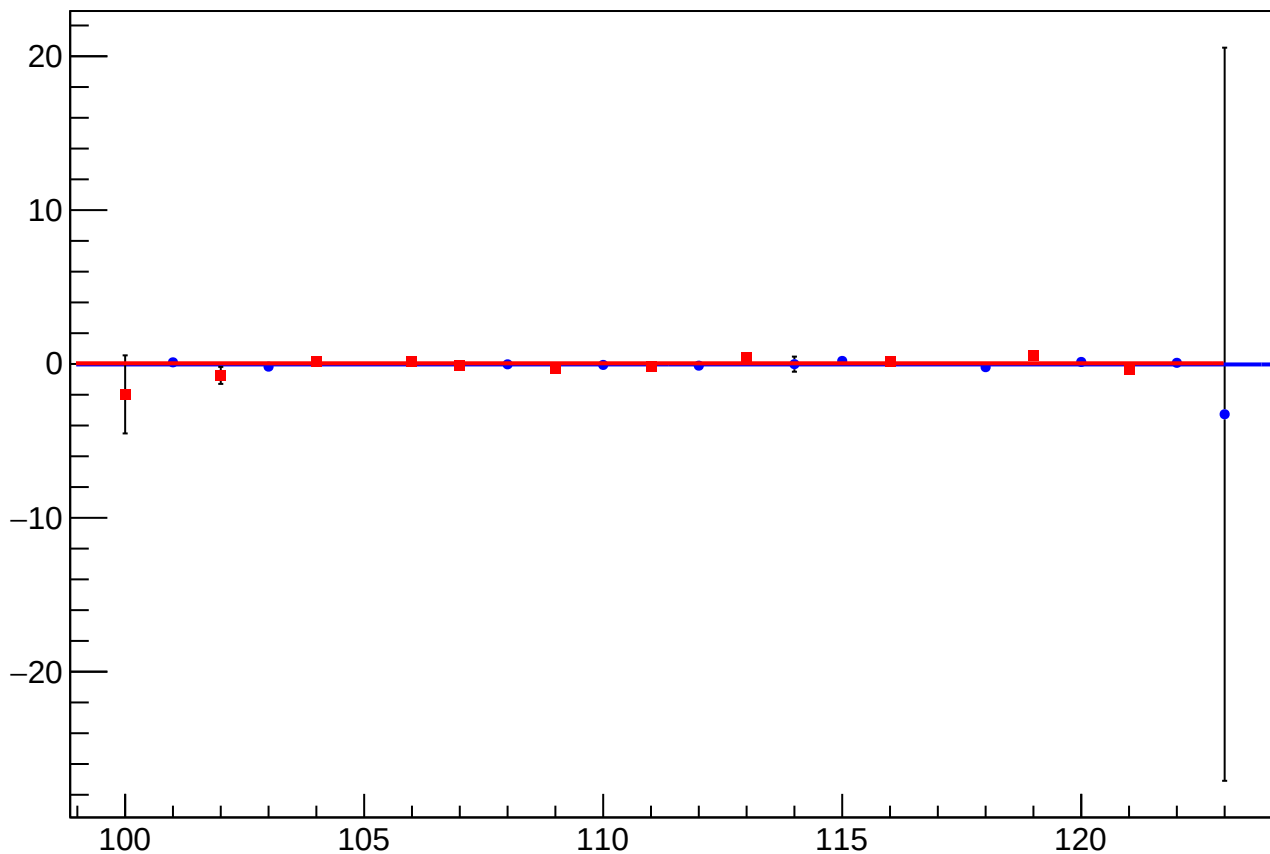
Right: 0.007+/-0.000 χ^2/NDF : 3705671.5/21

In: 0.008+/-0.000 χ^2/NDF :1444524.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3705671.5/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

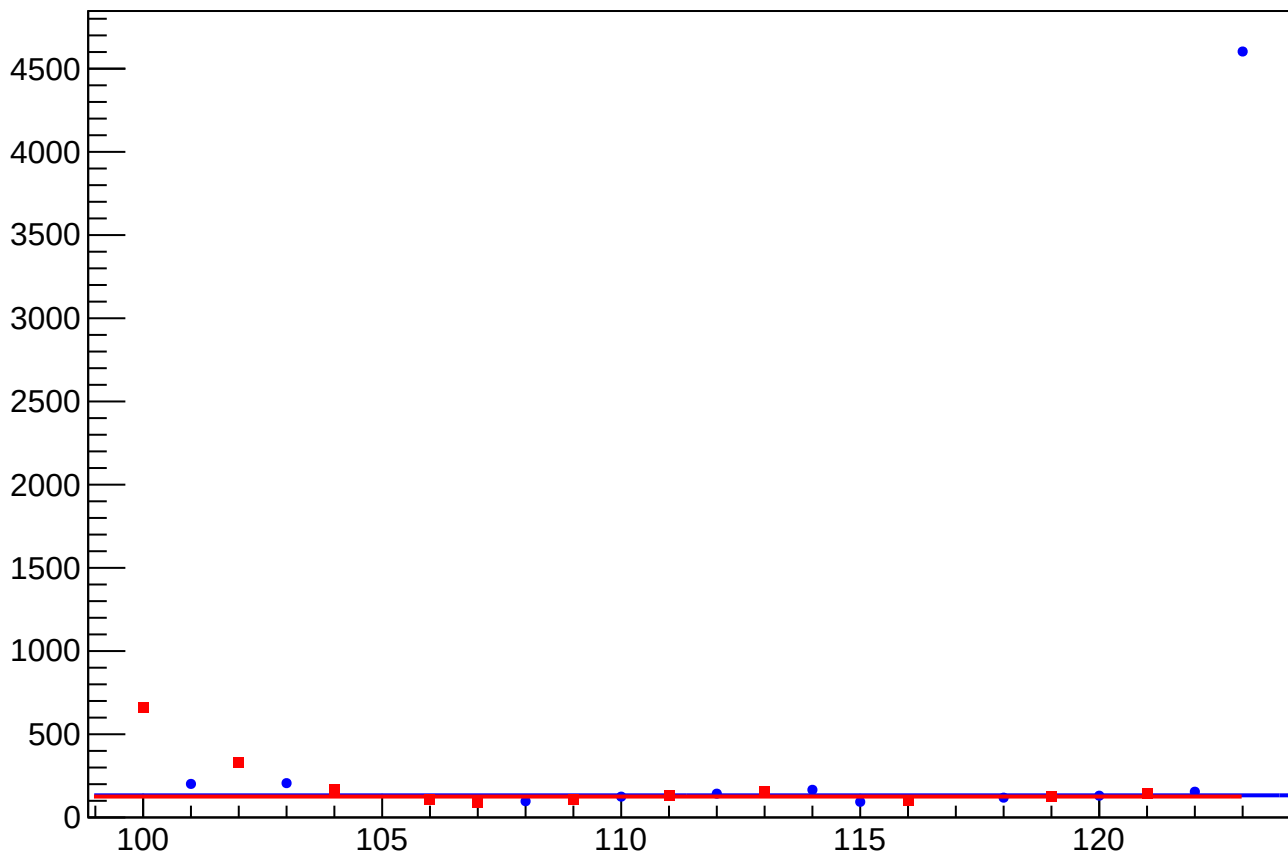
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF :3.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.962 $\pm$ 0.049 χ^2 /NDF: 553185.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.590 $\pm$ 0.046 χ^2 /NDF: 610629.9/10

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

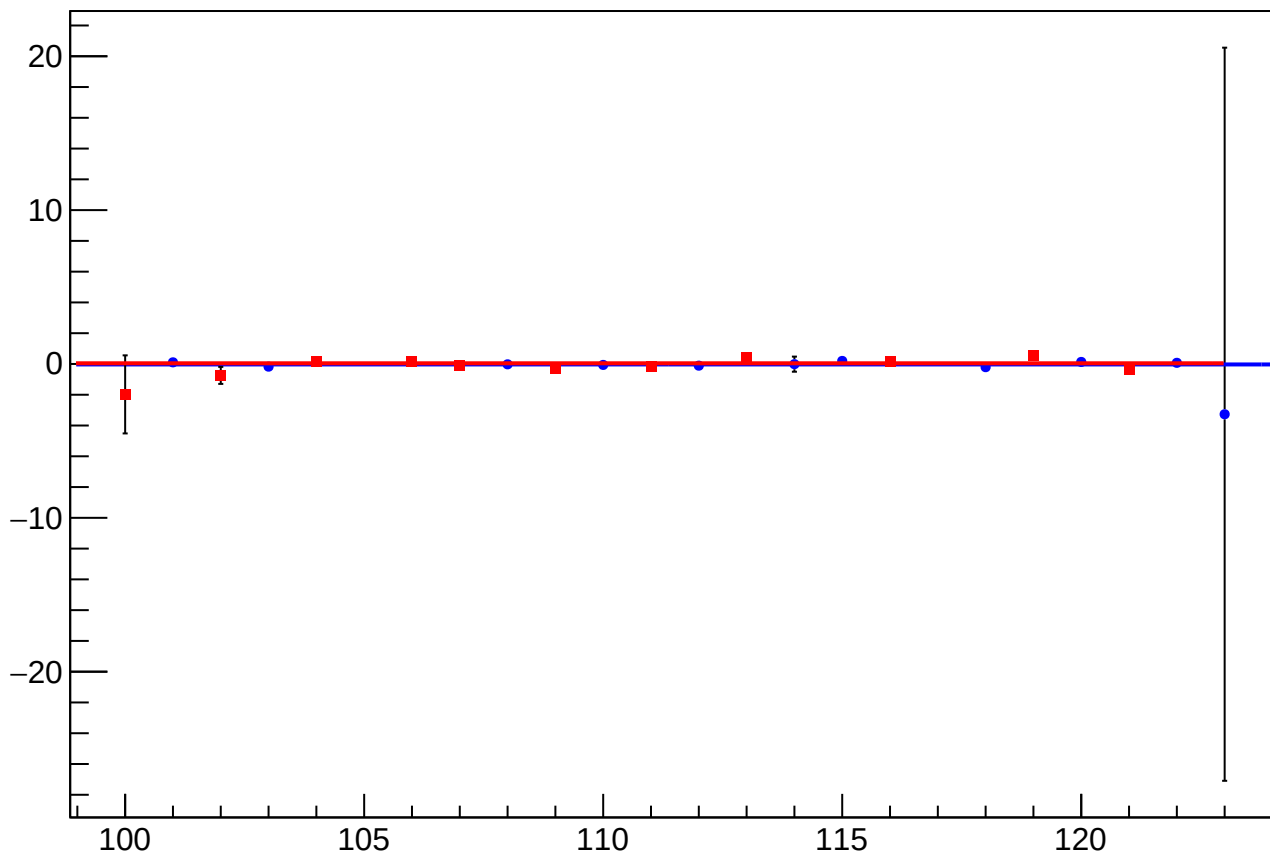
Right: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

In: 132.962 $\pm$ 0.049 χ^2 /NDF: 553185.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.069 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.045+/-0.064 χ^2/NDF : 25.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

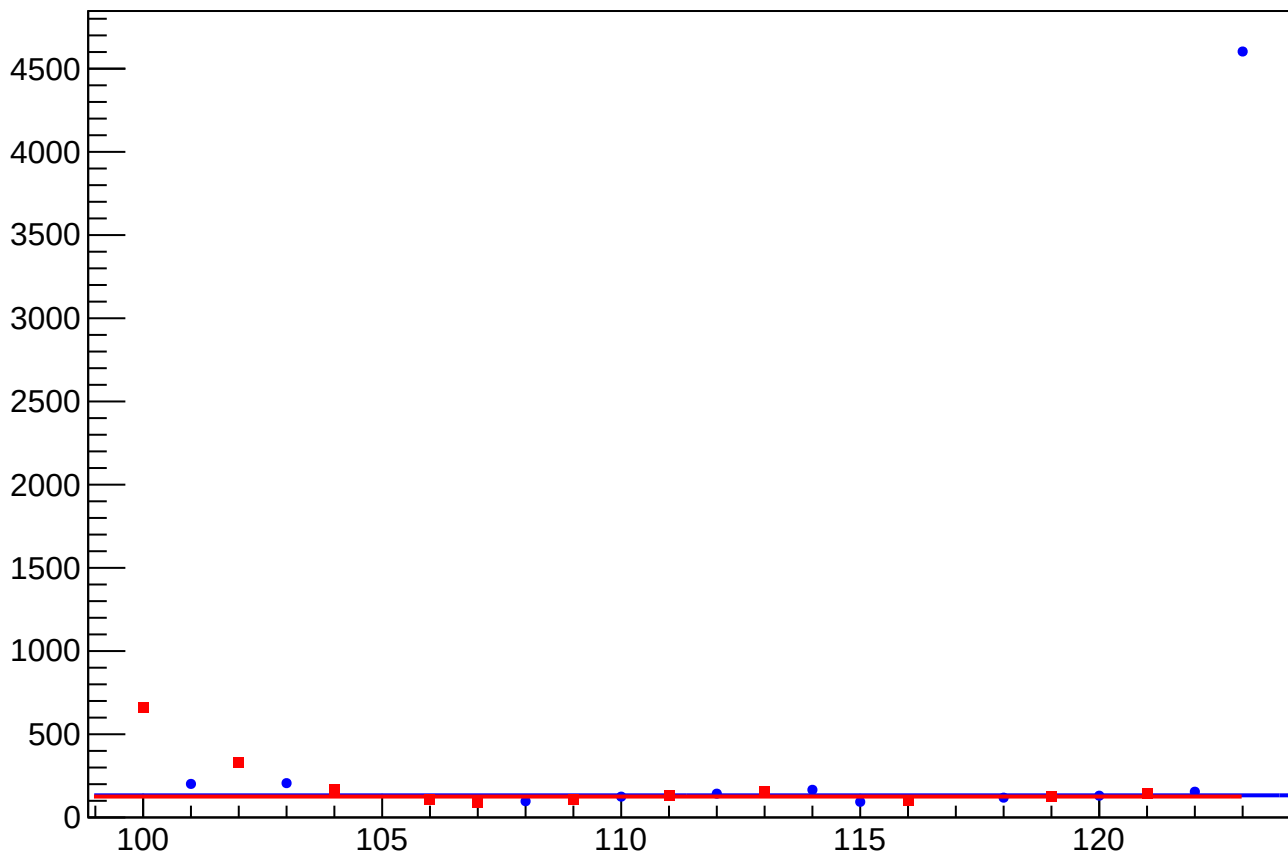
Right: 0.009+/-0.047 χ^2/NDF : 29.8/21

In: -0.031+/-0.069 χ^2/NDF :3.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.047 χ^2/NDF : 29.8/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.962 $\pm$ 0.049 χ^2 /NDF: 553185.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.590 $\pm$ 0.046 χ^2 /NDF: 610629.9/10

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

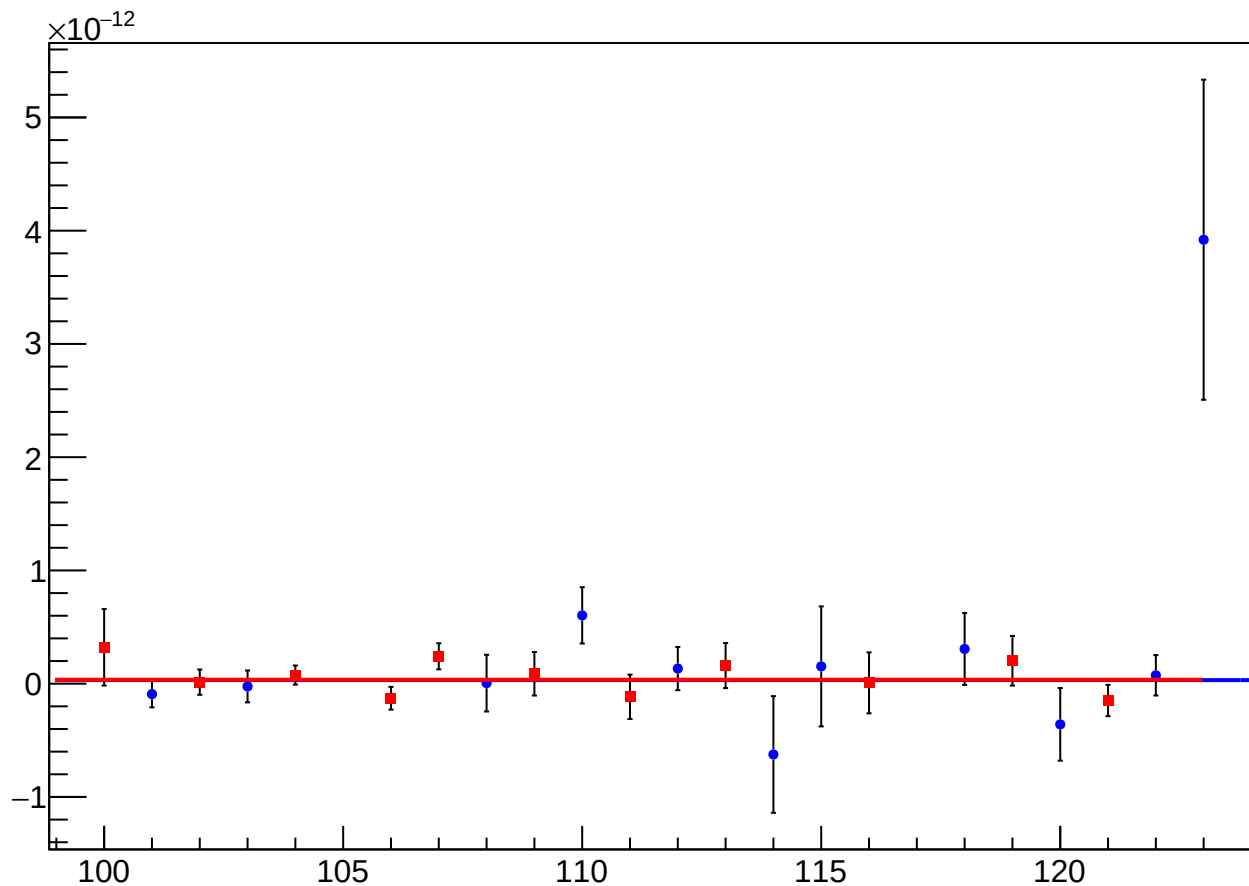
Right: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

In: 132.962 $\pm$ 0.049 χ^2 /NDF:553185.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.026 $\pm$ 0.033 χ^2 /NDF: 1175994.4/21

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 : 18.4/10

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

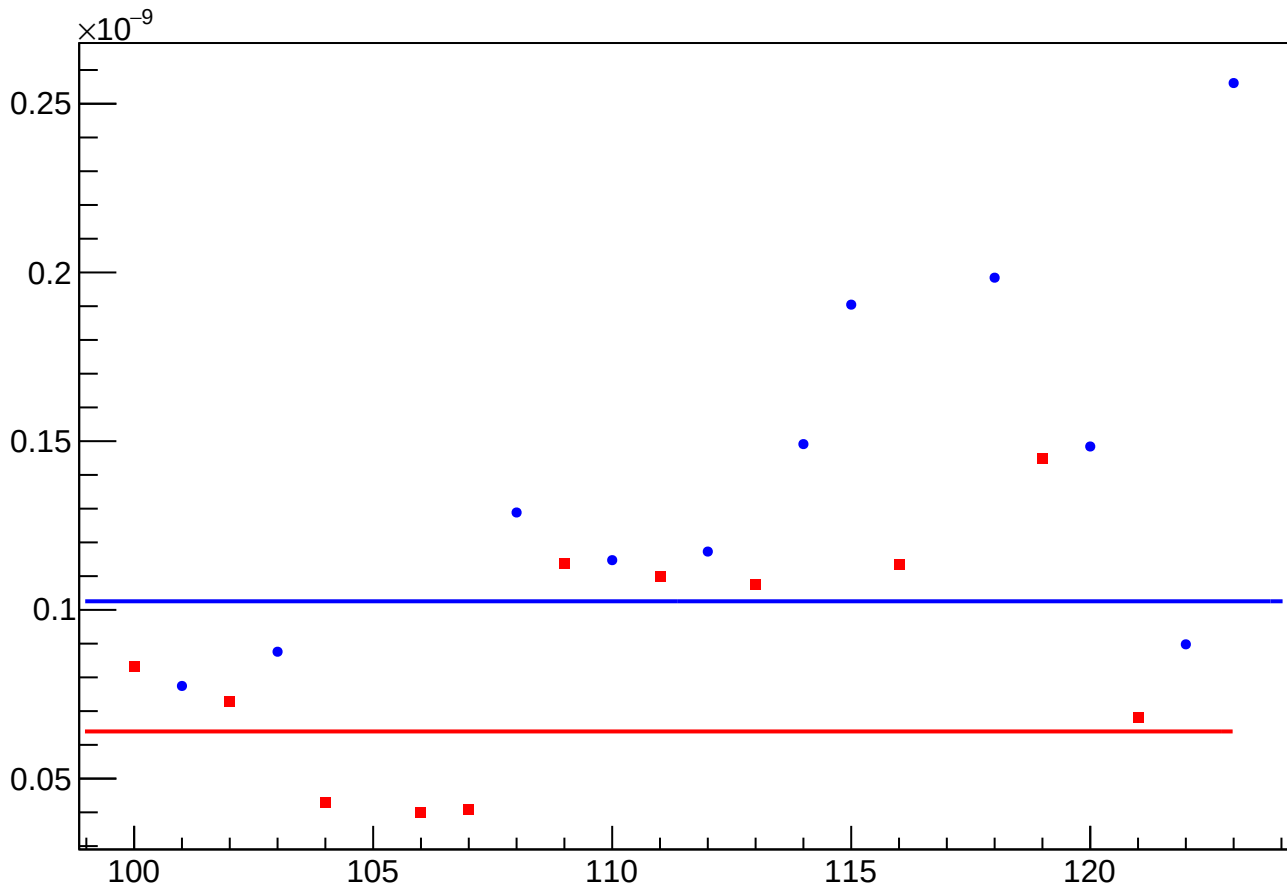
Right: 0.000+/-0.000 χ^2/NDF : 28.7/21

In: 0.000+/-0.000 χ^2/NDF : 18.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/21

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 : 481496.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1024585.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

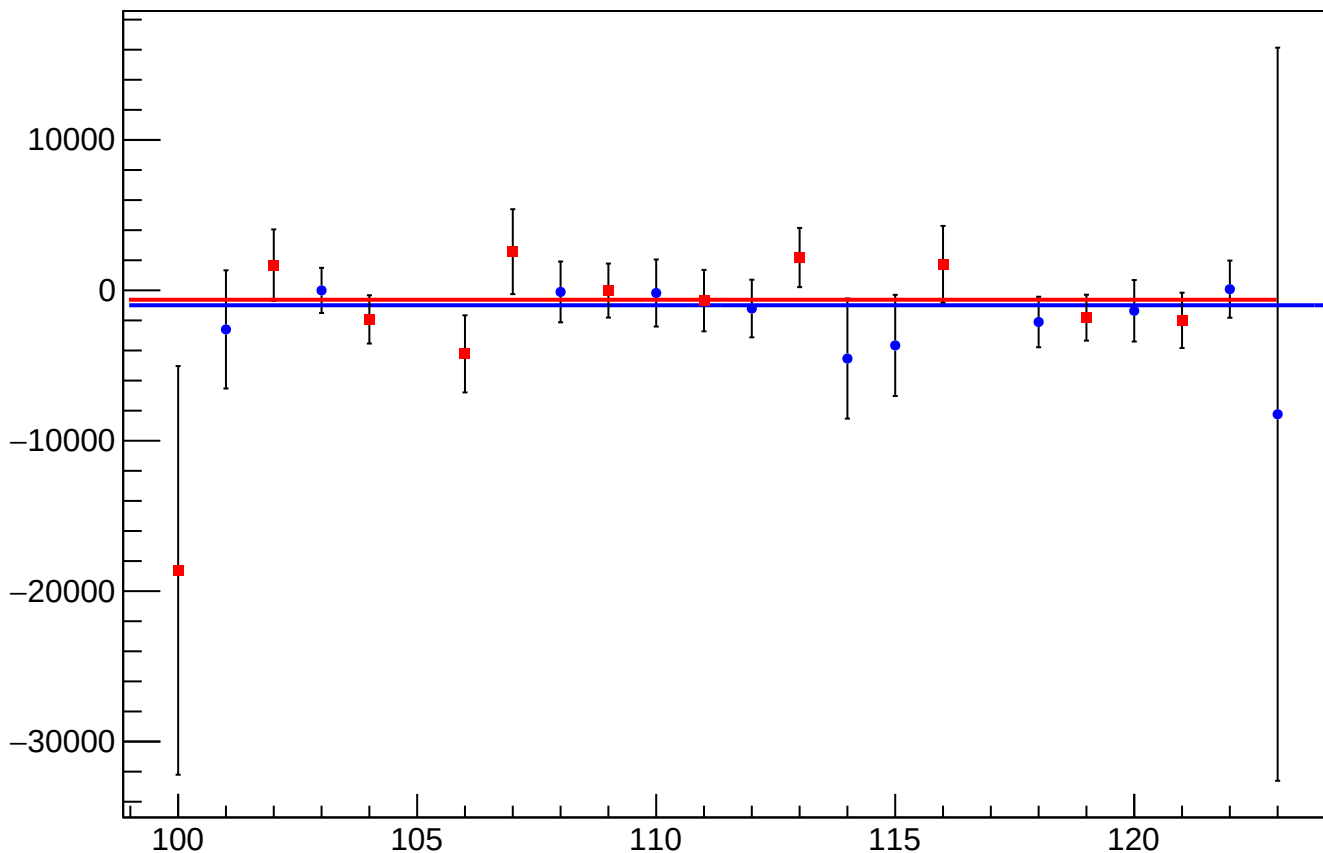
Right: 0.000+/-0.000 χ^2/NDF : 2011118.4/21

In: 0.000+/-0.000 χ^2/NDF : 481496.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2011118.4/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -992.308+/-666.592 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -624.469+/-627.939 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

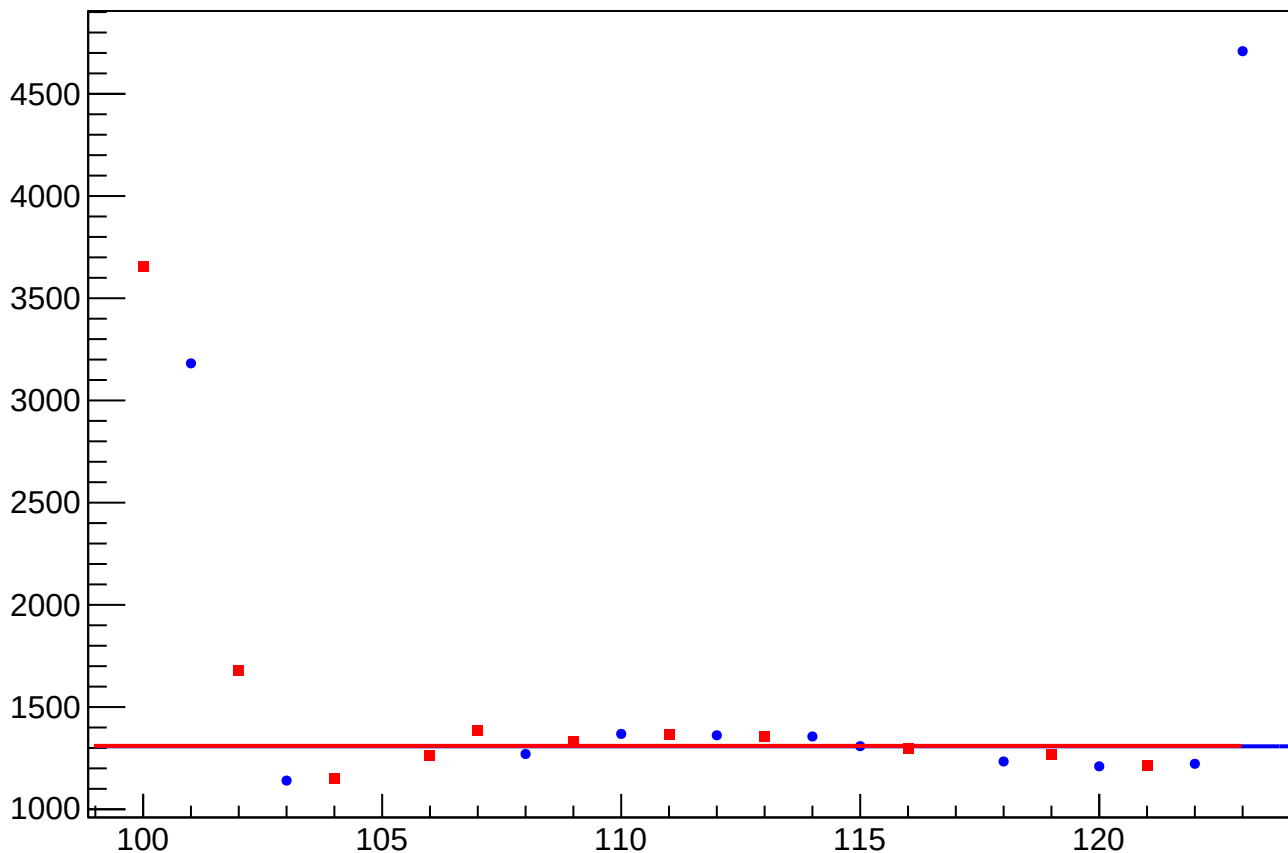
Right: -797.415+/-457.074 χ^2/NDF : 14.2/21

In: -992.308+/-666.592 χ^2/NDF : 3.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -797.415+/-457.074 χ^2/NDF : 14.2/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1307.950+/-0.471 χ^2/NDF : 535372.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1310.122+/-0.444 χ^2/NDF : 139714.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

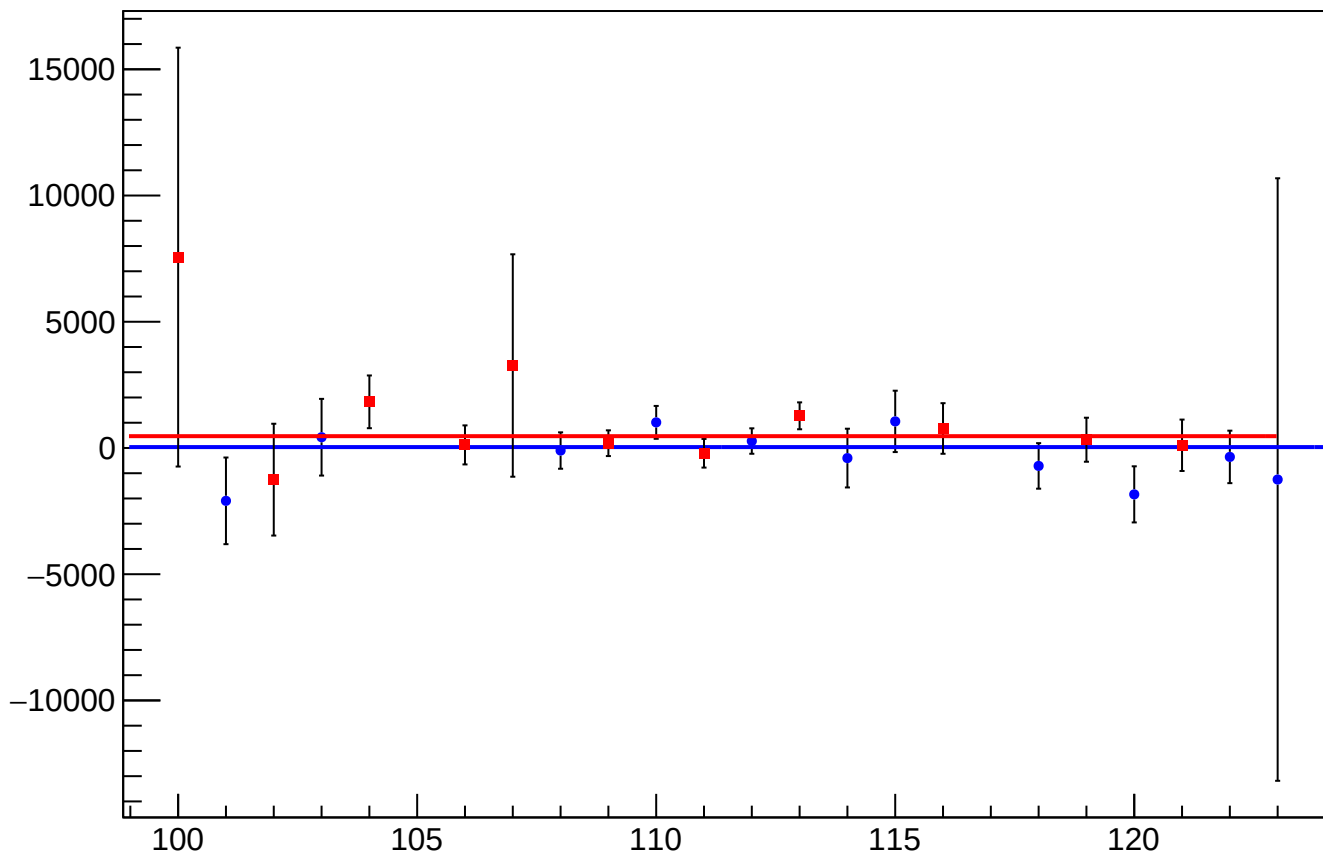
Right: 1309.101+/-0.323 χ^2/NDF : 675098.2/21

In: 1307.950+/-0.471 χ^2/NDF : 535372.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.101+/-0.323 χ^2/NDF : 675098.2/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 35.519+/-273.338 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 467.851+/-245.314 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

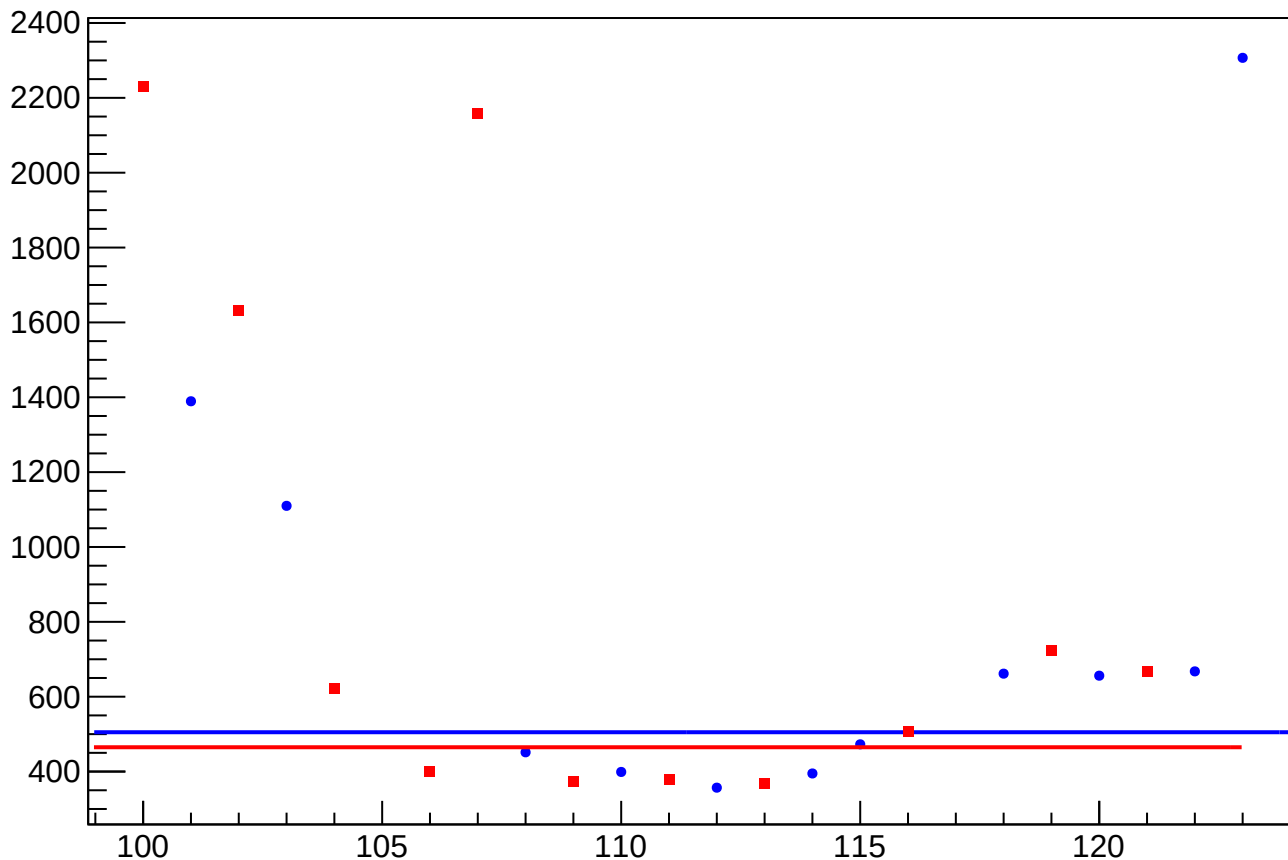
Right: 274.977+/-182.569 χ^2/NDF : 17.9/21

In: 35.519+/-273.338 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.977+/-182.569 χ^2/NDF : 17.9/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 505.064+/-0.193 χ^2/NDF : 1296121.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.944+/-0.173 χ^2/NDF : 1436827.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

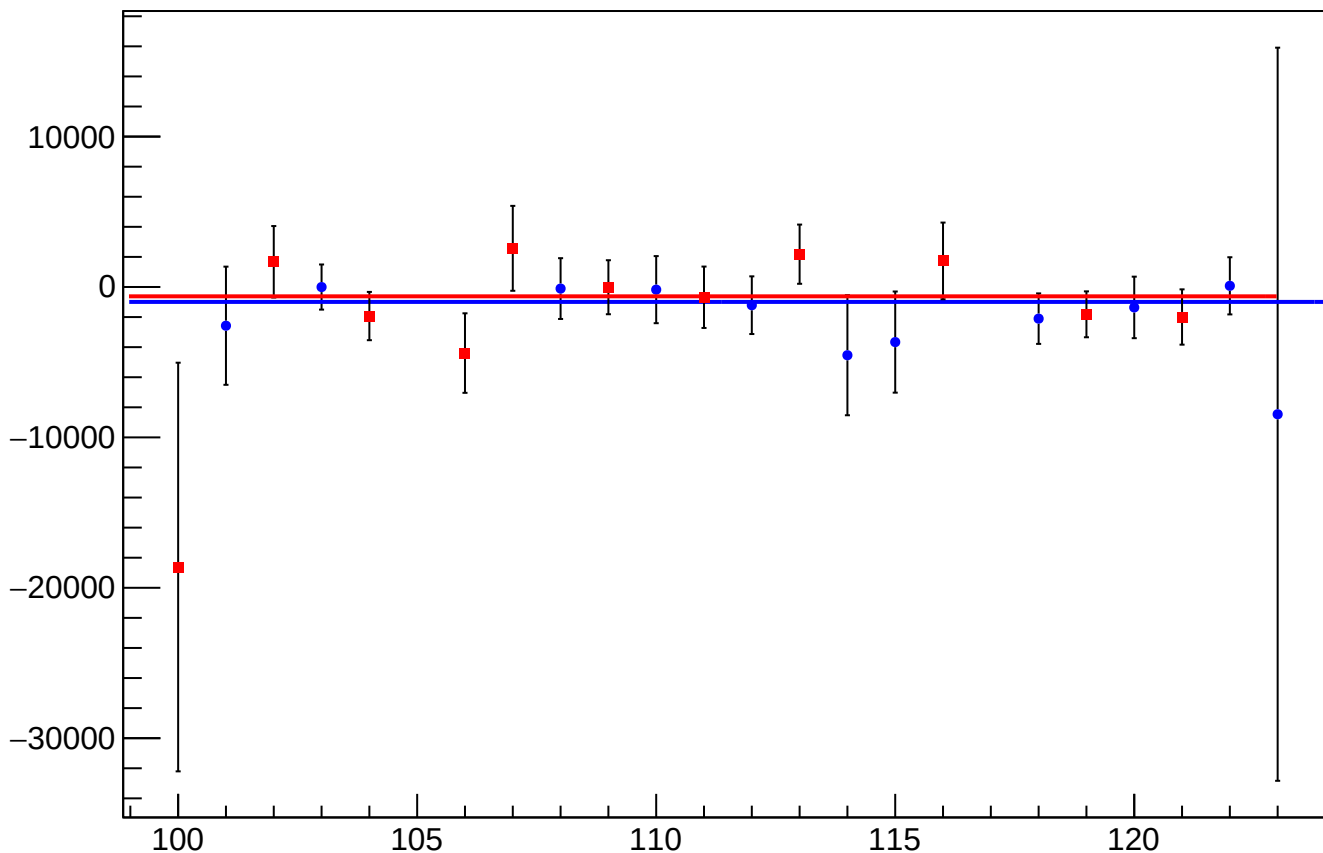
Right: 482.843+/-0.129 χ^2/NDF : 2756813.9/21

In: 505.064+/-0.193 χ^2/NDF : 1296121.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.843+/-0.129 χ^2/NDF : 2756813.9/21

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -991.792+/-666.592 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -621.126+/-629.069 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

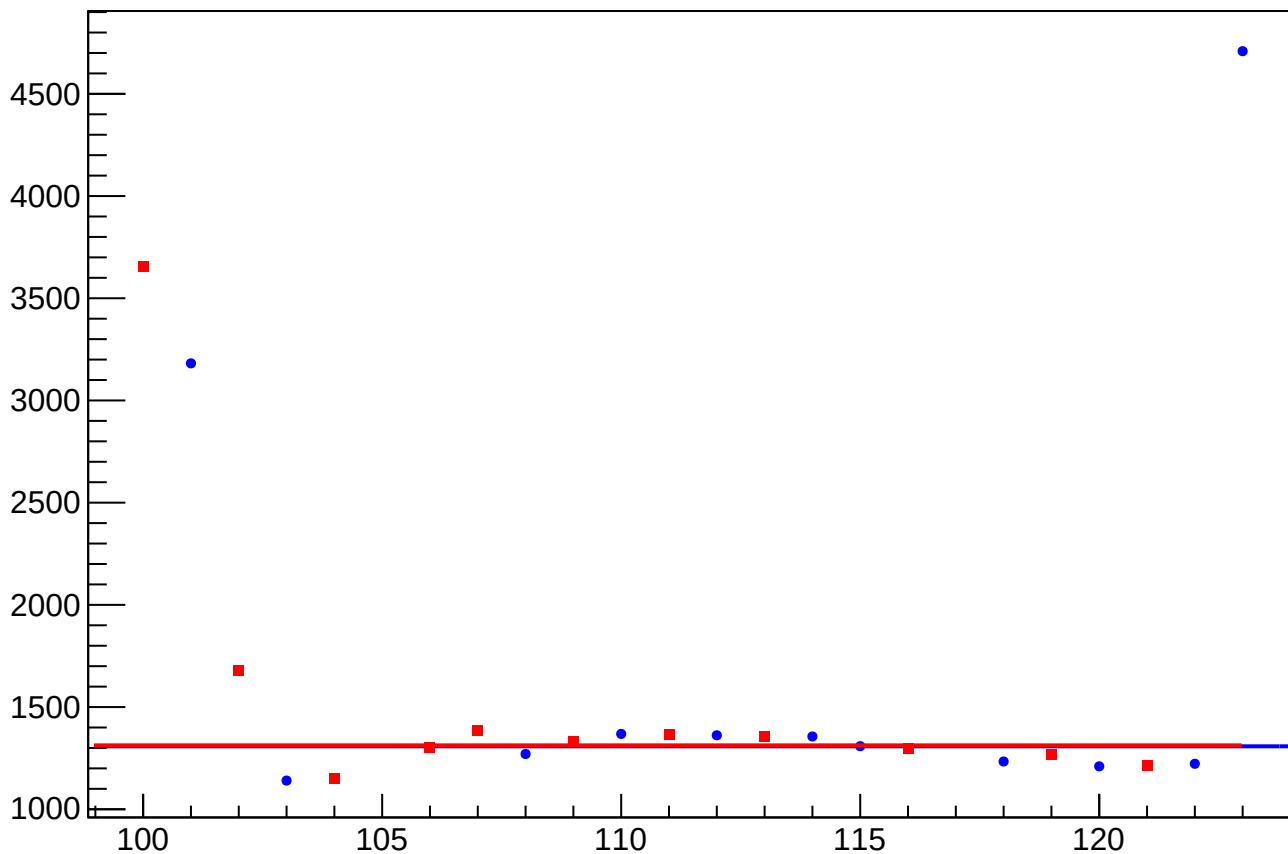
Right: -795.733+/-457.509 χ^2/NDF : 14.2/21

In: -991.792+/-666.592 χ^2/NDF : 3.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -795.733+/-457.509 χ^2/NDF : 14.2/21

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.601+/-0.445 χ^2/NDF : 139027.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

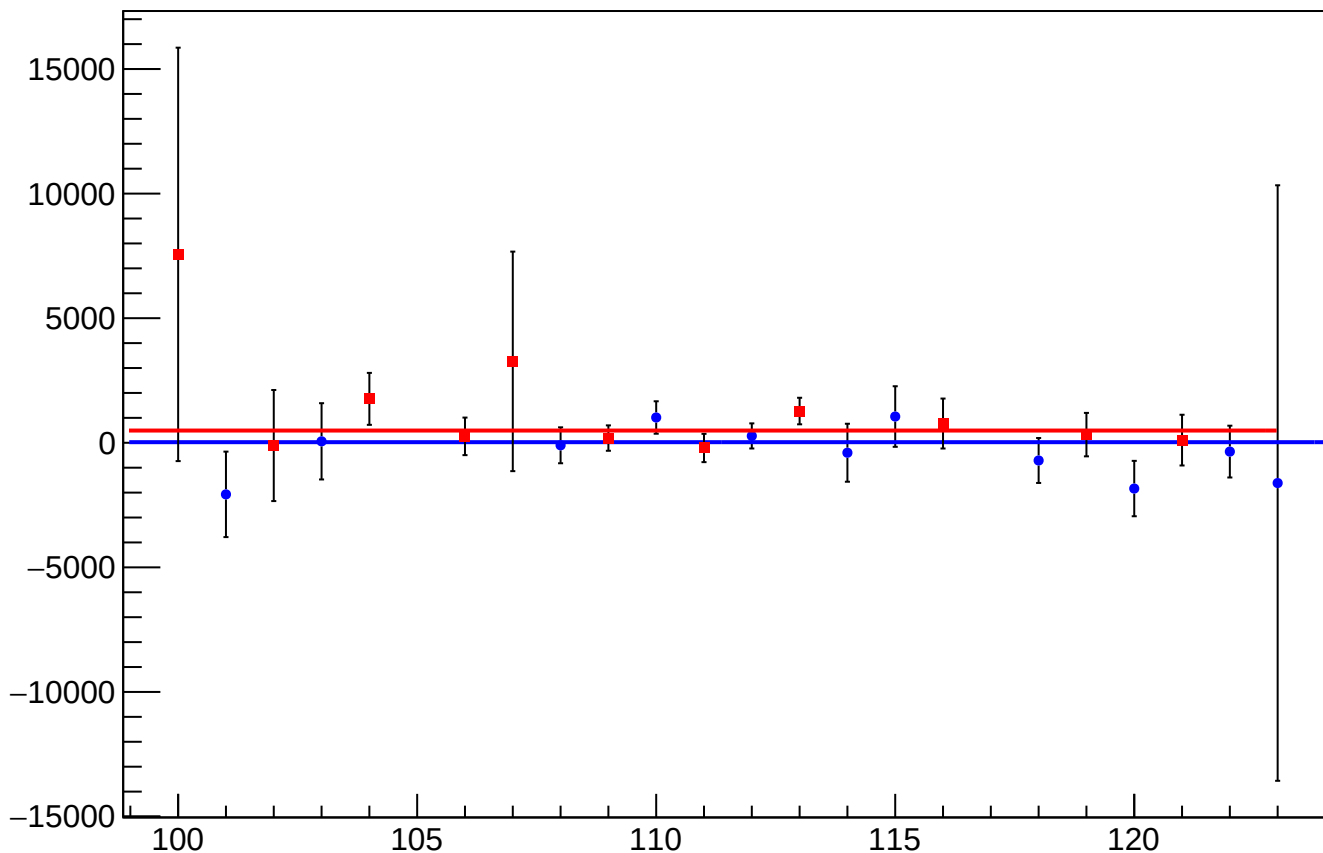
Right: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 490.793+/-244.659 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

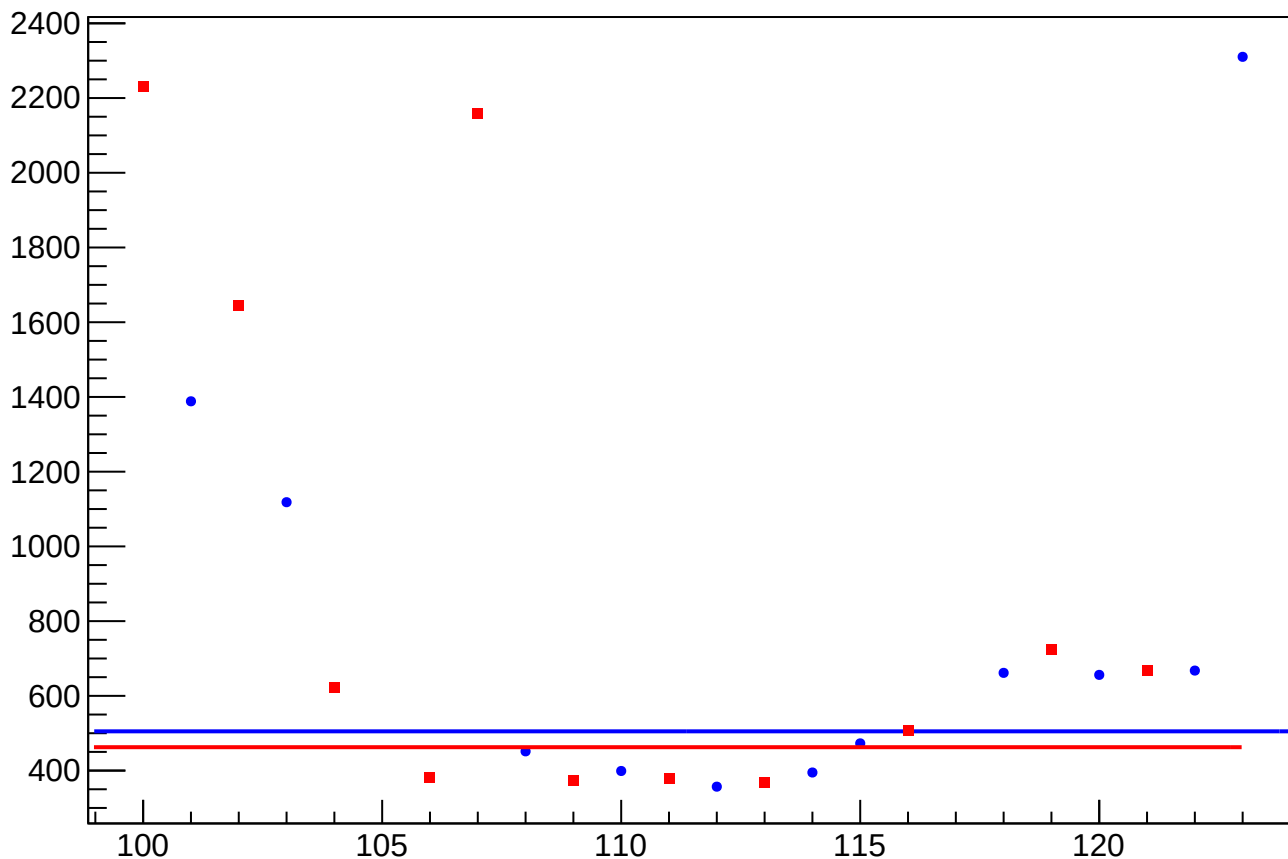
Right: 283.193+/-182.317 χ^2/NDF : 17.2/21

In: 23.952+/-273.401 χ^2/NDF :8.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 283.193+/-182.317 χ^2/NDF : 17.2/21

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.602+/-0.173 χ^2/NDF : 1453972.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

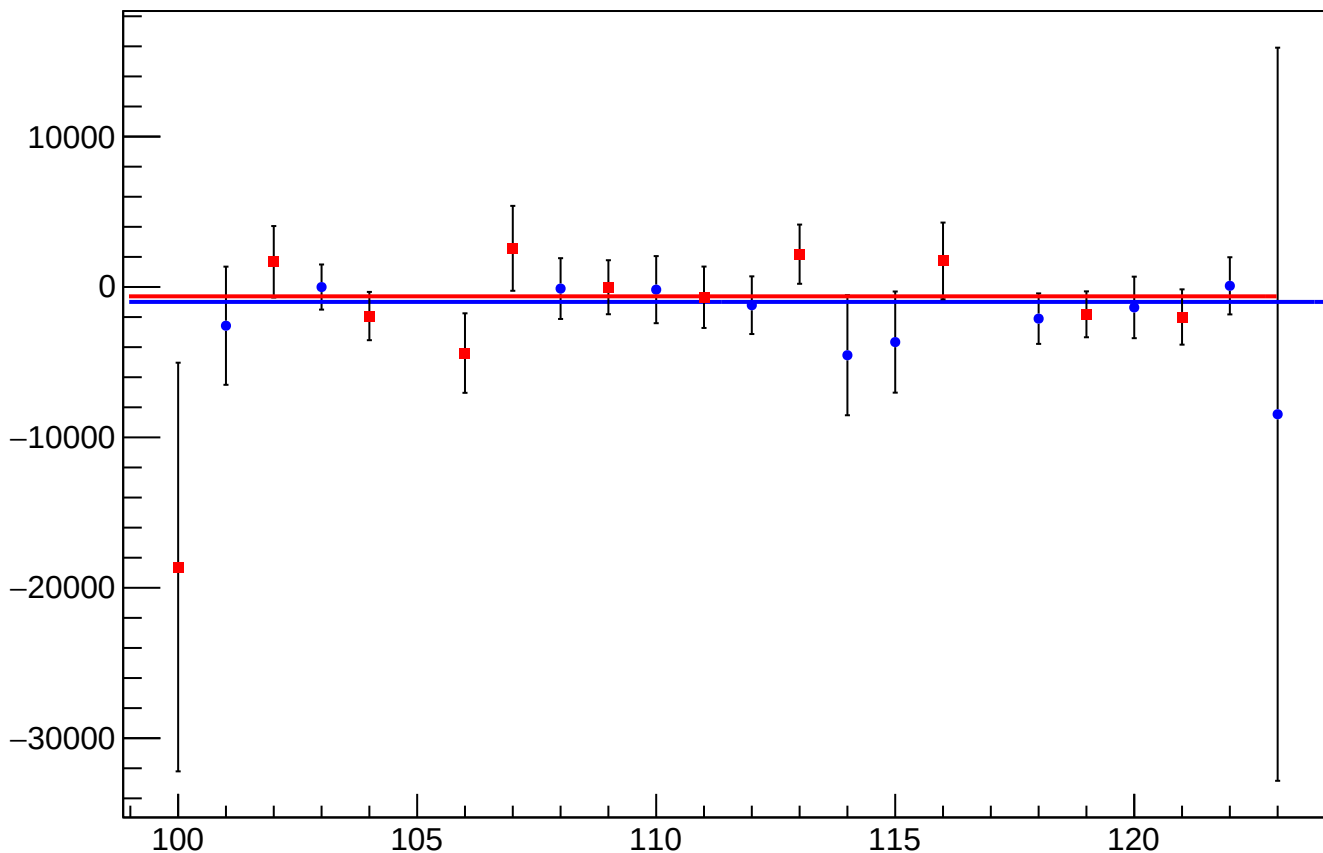
Right: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -991.792+/-666.592 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -621.126+/-629.069 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

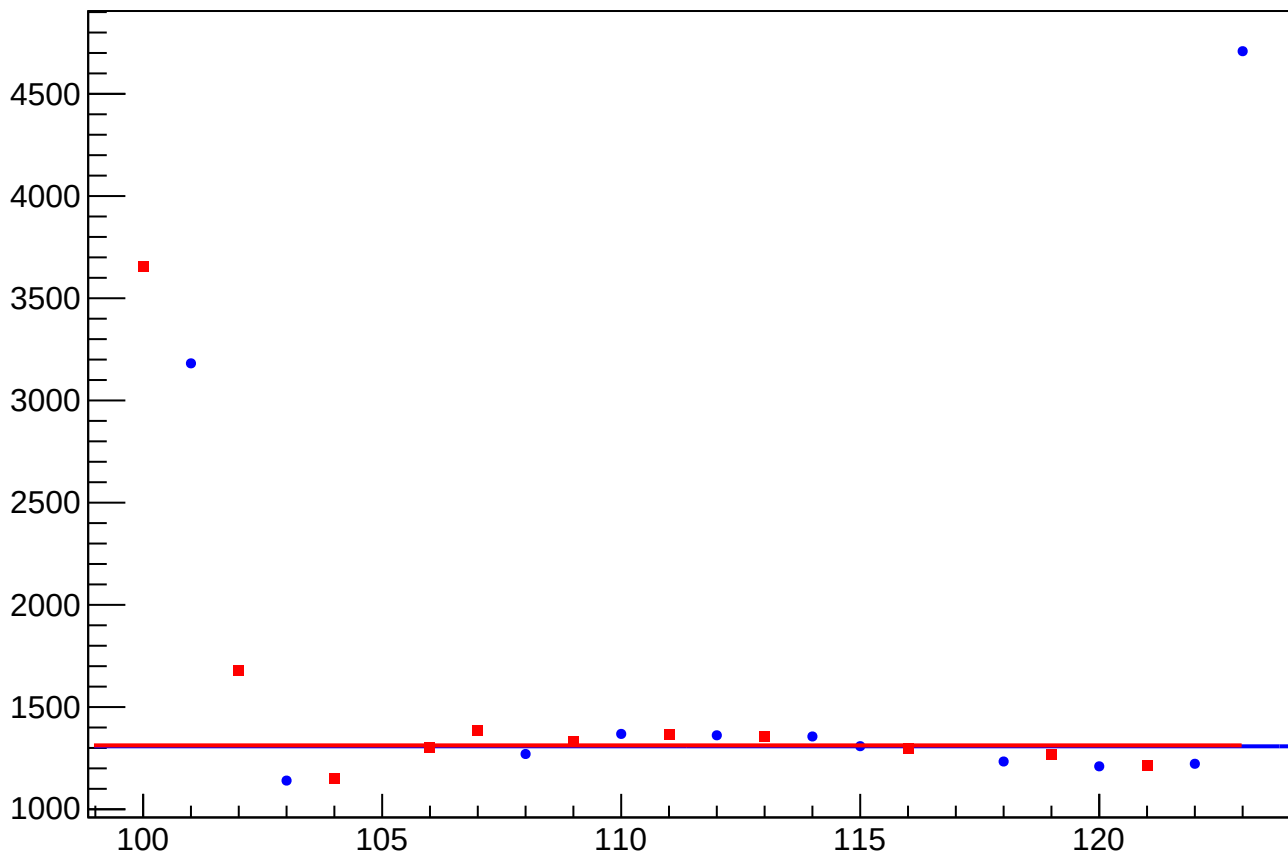
Right: -795.733+/-457.509 χ^2/NDF : 14.2/21

In: -991.792+/-666.592 χ^2/NDF :3.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -795.733+/-457.509 χ^2/NDF : 14.2/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.601+/-0.445 χ^2/NDF : 139027.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

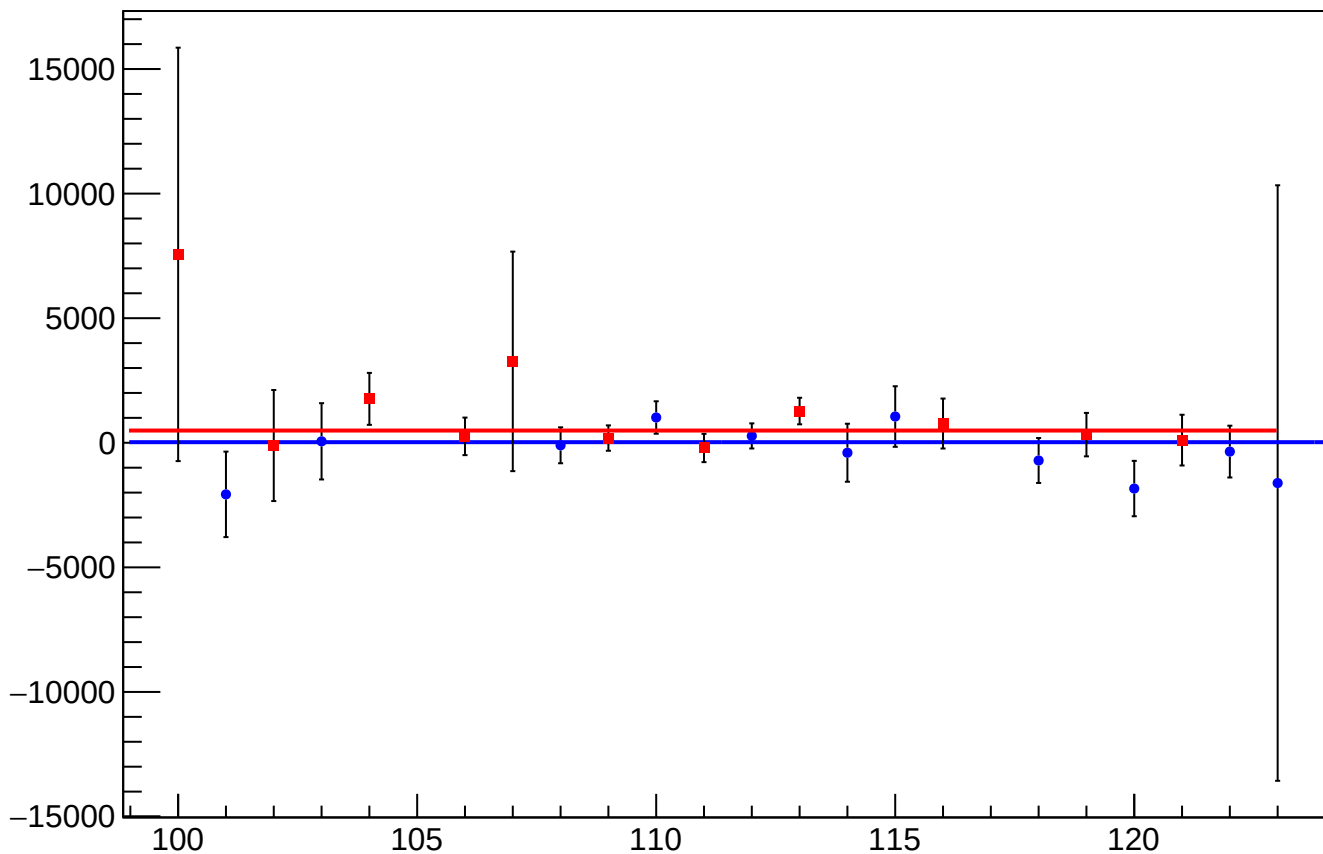
Right: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

In: 1307.950+/-0.471 χ^2/NDF : 535374.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.410+/-0.324 χ^2/NDF : 674452.8/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.793+/-244.659 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

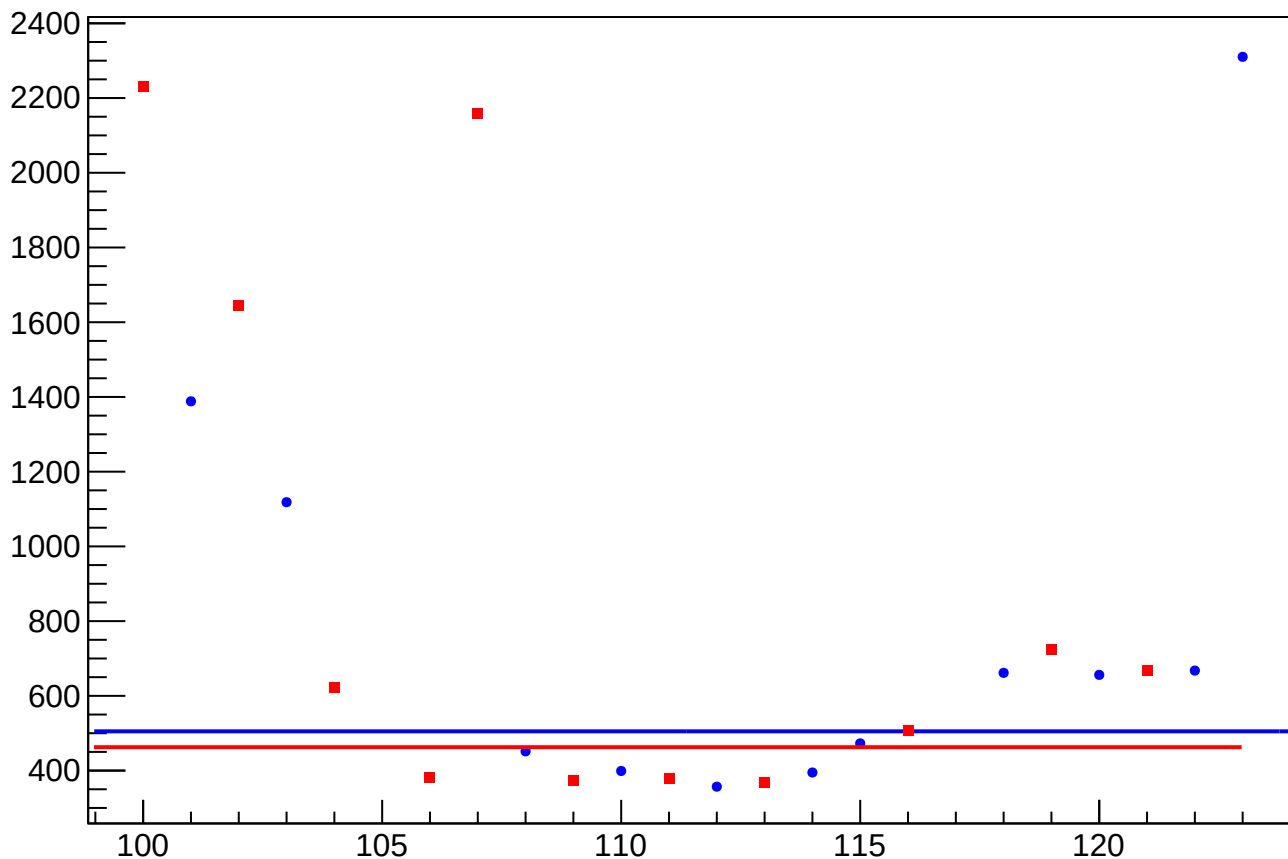
Right: 283.193+/-182.317 χ^2/NDF : 17.2/21

In: 23.952+/-273.401 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.193+/-182.317 χ^2/NDF : 17.2/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.602+/-0.173 χ^2/NDF : 1453972.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

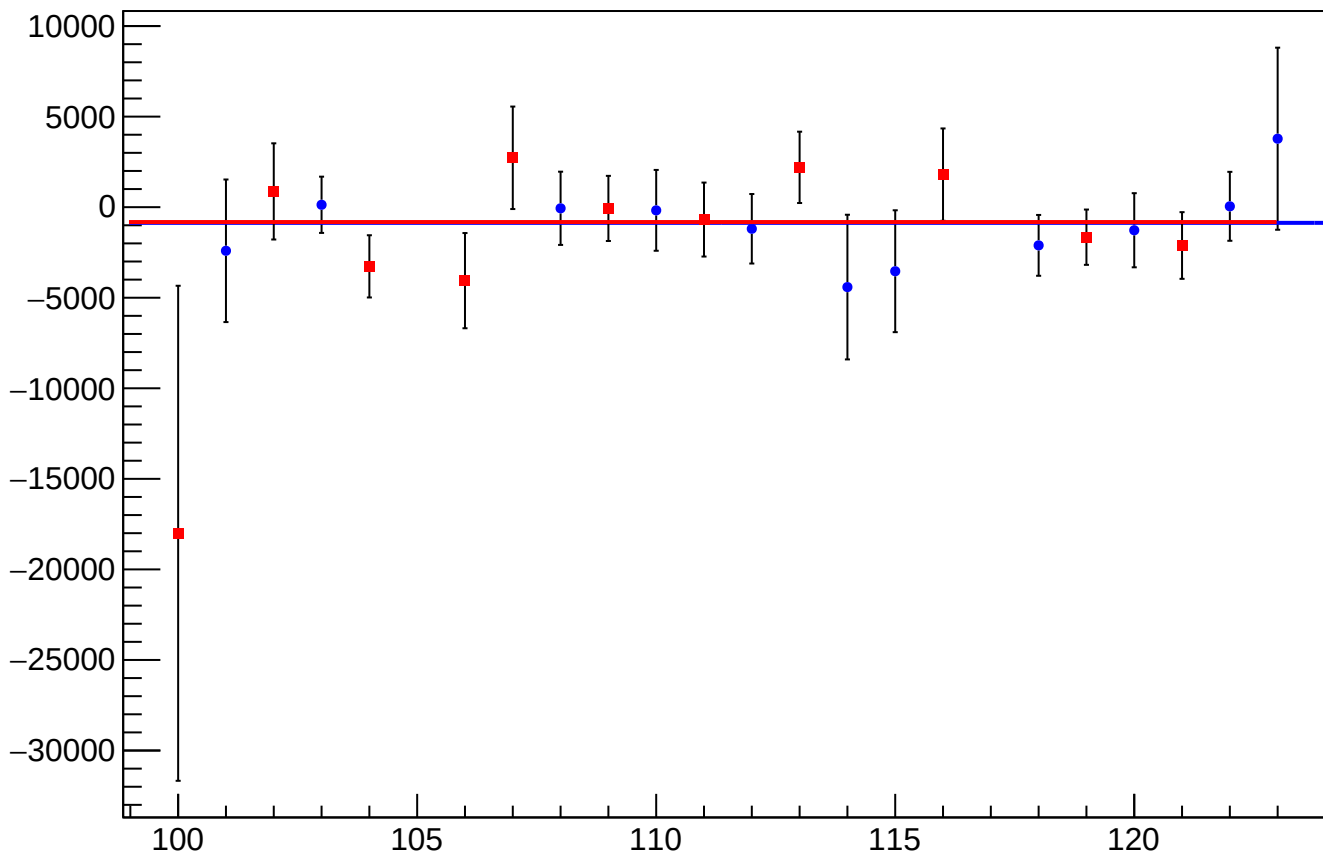
Right: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

In: 505.055+/-0.193 χ^2/NDF : 1299823.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.480+/-0.129 χ^2/NDF : 2780575.9/21

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -865.741+/-665.756 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -821.149+/-640.110 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

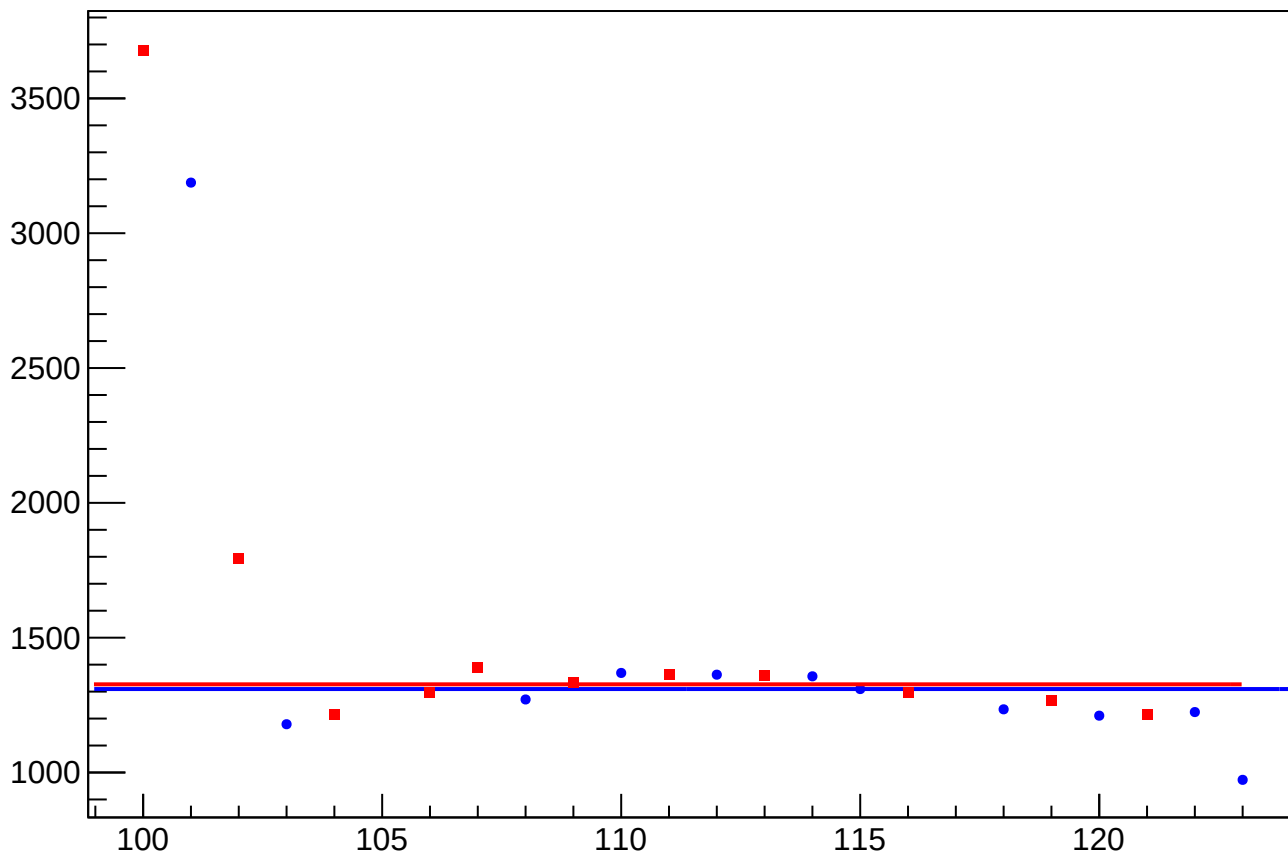
Right: -842.569+/-461.426 χ^2/NDF : 15.4/21

In: -865.741+/-665.756 χ^2/NDF :3.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -842.569+/-461.426 χ^2/NDF : 15.4/21

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1309.496+/-0.471 χ^2 /NDF: 495105.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1326.980+/-0.453 χ^2 /NDF: 143207.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

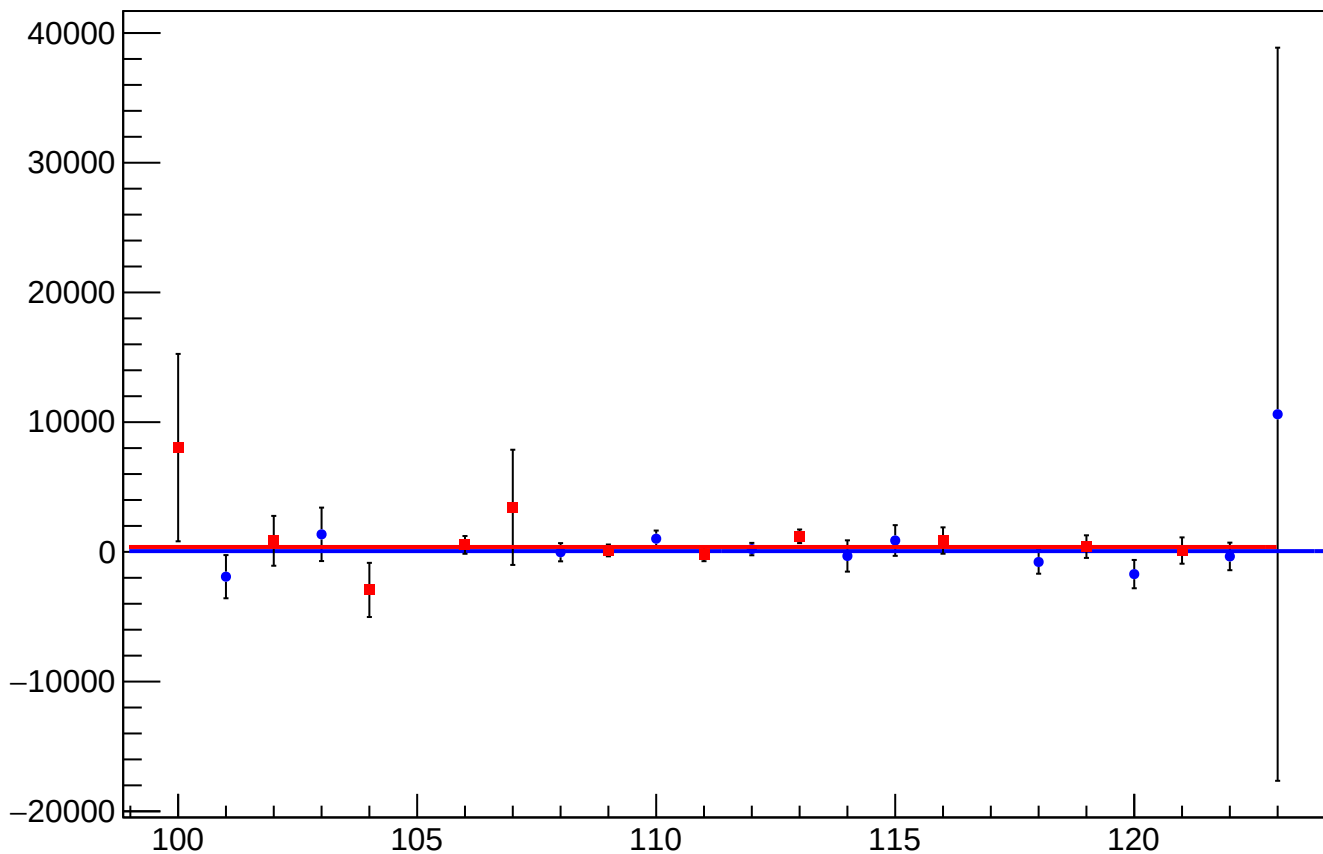
Right: 1318.581+/-0.326 χ^2 /NDF: 639029.7/21

In: 1309.496+/-0.471 χ^2 /NDF:495105.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1318.581+/-0.326 χ^2 /NDF: 639029.7/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 57.536+/-268.351 χ^2 /NDF: 8.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 377.725+/-236.201 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

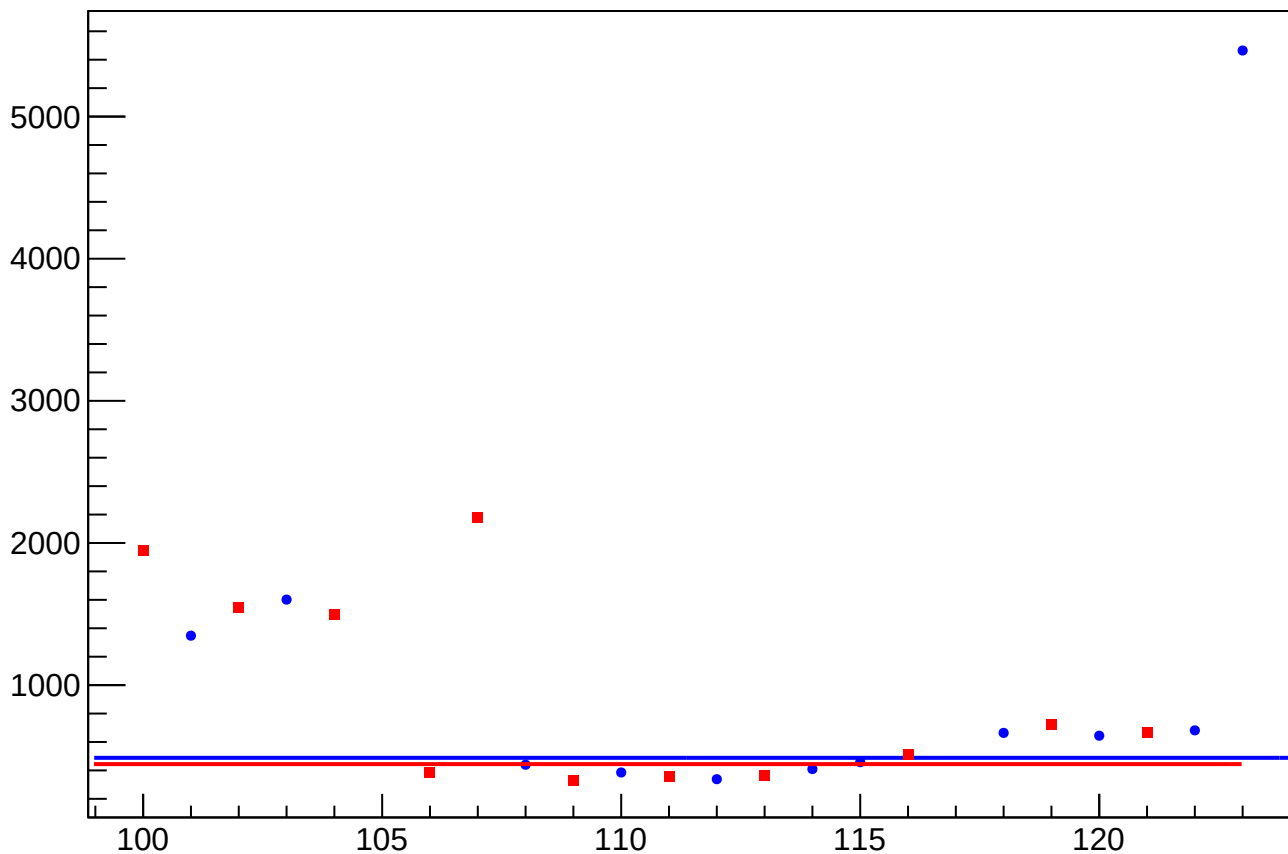
Right: 237.951+/-177.302 χ^2 /NDF: 17.8/21

In: 57.536+/-268.351 χ^2 /NDF:8.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 237.951+/-177.302 χ^2 /NDF: 17.8/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 488.554+/-0.190 χ^2/NDF : 1631914.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.330+/-0.167 χ^2/NDF : 2114360.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

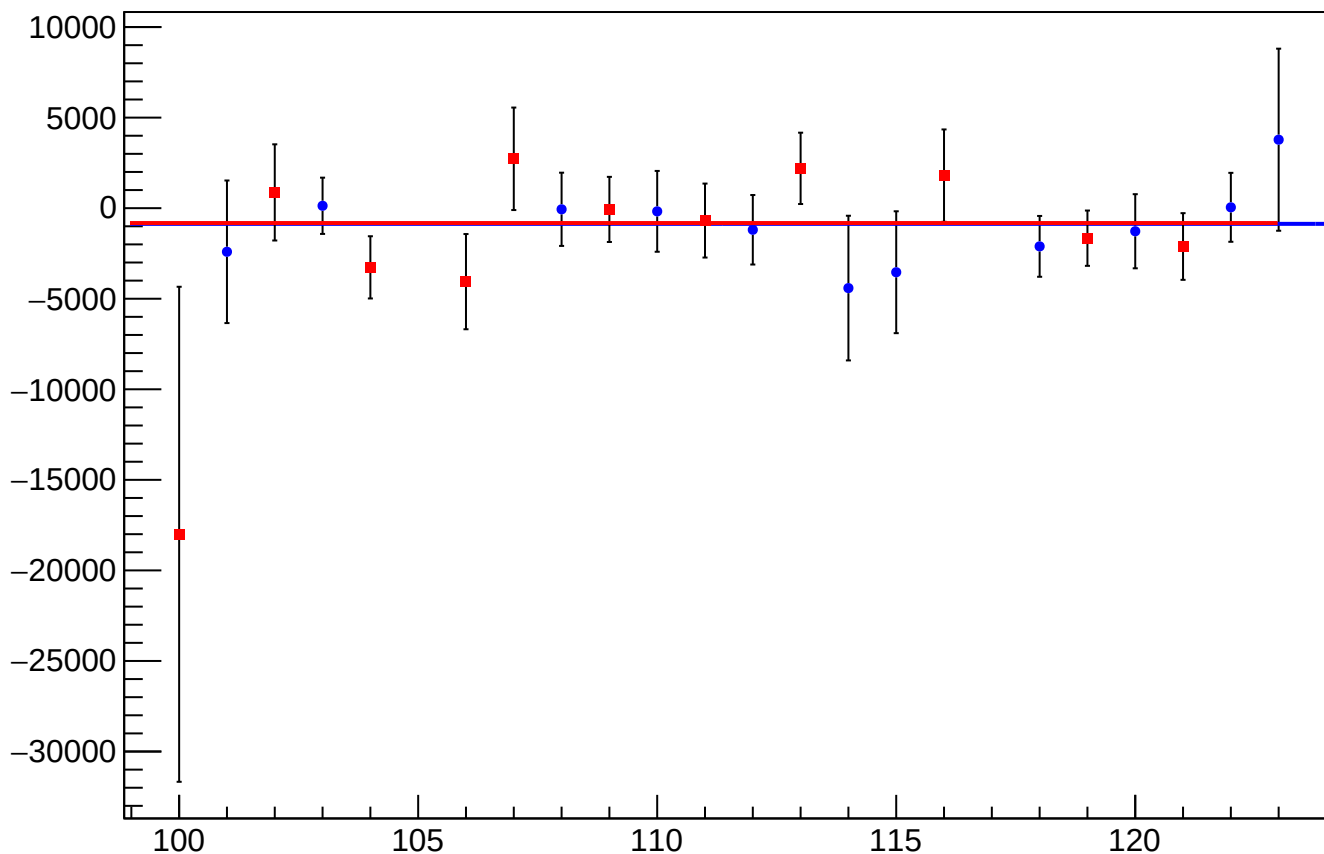
Right: 463.635+/-0.125 χ^2/NDF : 3776881.0/21

In: 488.554+/-0.190 χ^2/NDF : 1631914.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.635+/-0.125 χ^2/NDF : 3776881.0/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -865.739+/-665.756 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -821.149+/-640.110 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

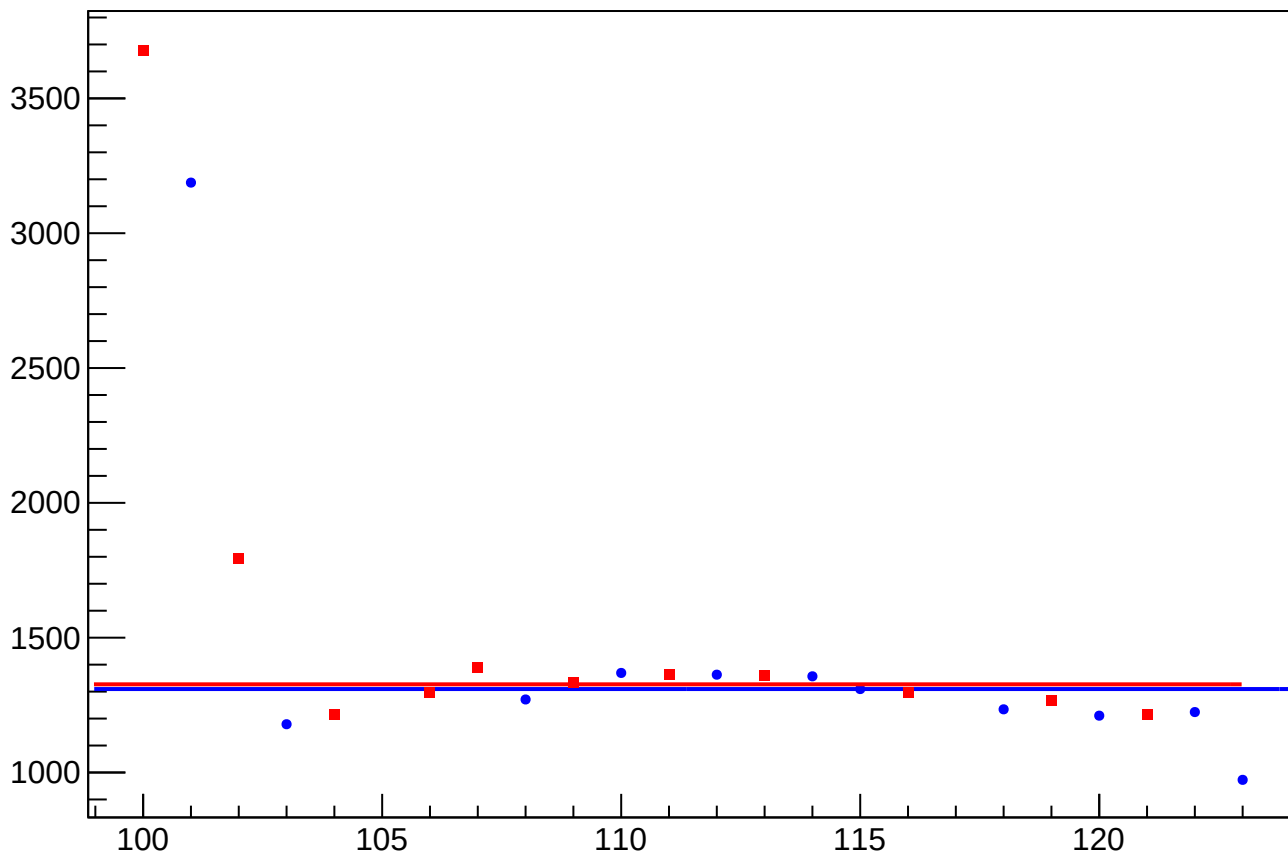
Right: -842.569+/-461.426 χ^2/NDF : 15.4/21

In: -865.739+/-665.756 χ^2/NDF : 3.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -842.569+/-461.426 χ^2/NDF : 15.4/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1309.496+/-0.471 χ^2/NDF : 495105.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.980+/-0.453 χ^2/NDF : 143207.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

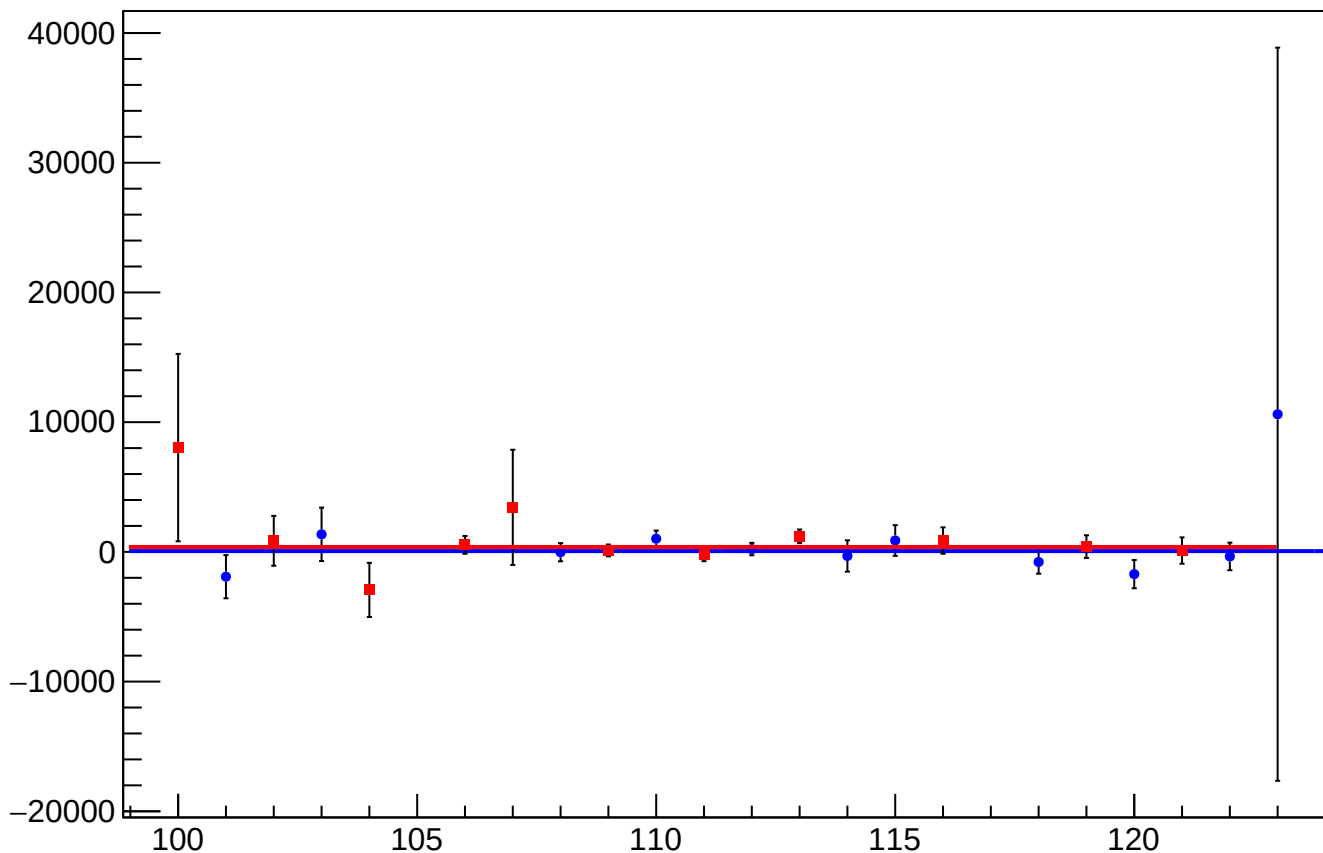
Right: 1318.581+/-0.326 χ^2/NDF : 639029.7/21

In: 1309.496+/-0.471 χ^2/NDF : 495105.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1318.581+/-0.326 χ^2/NDF : 639029.7/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 57.537+/-268.350 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.724+/-236.200 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

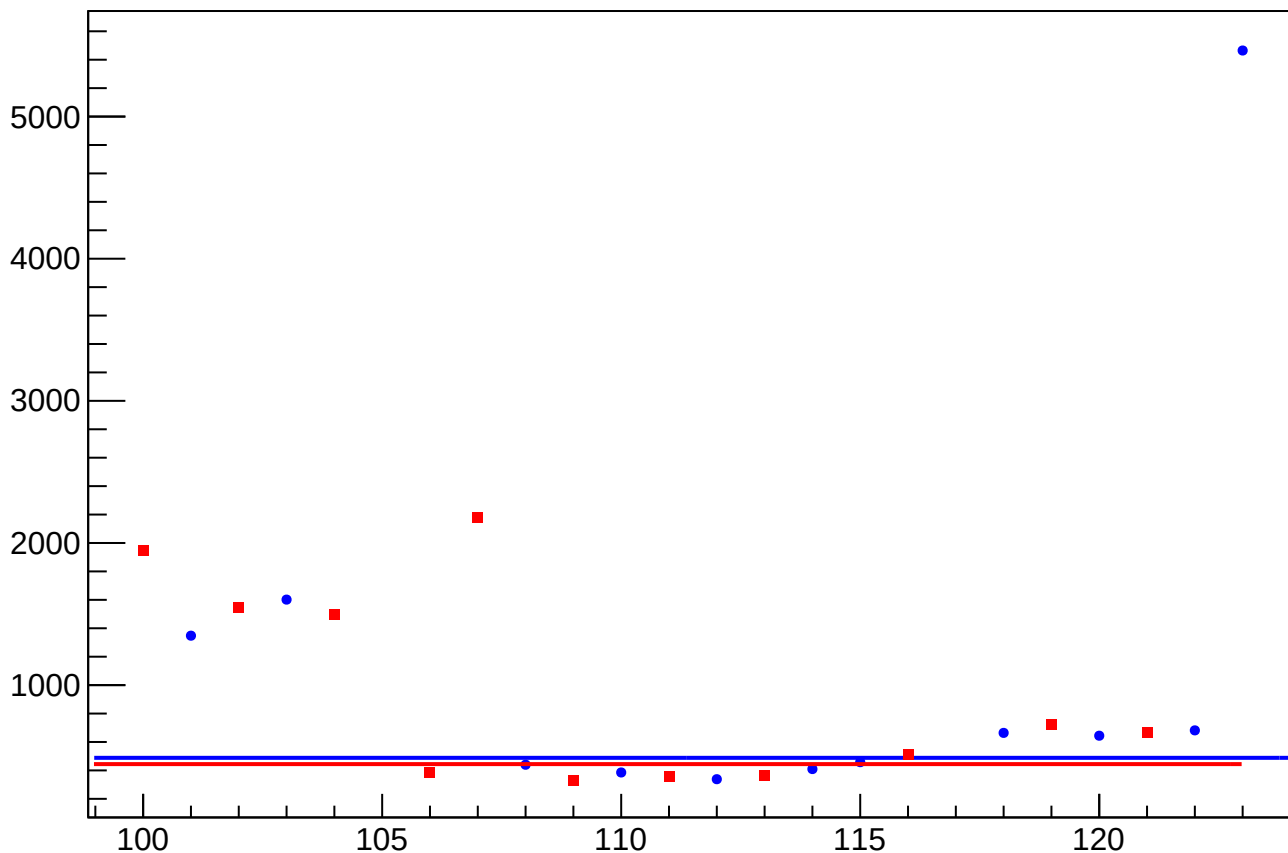
Right: 237.950+/-177.302 χ^2/NDF : 17.8/21

In: 57.537+/-268.350 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.950+/-177.302 χ^2/NDF : 17.8/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 488.551+/-0.190 χ^2/NDF : 1631920.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.328+/-0.167 χ^2/NDF : 2114368.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

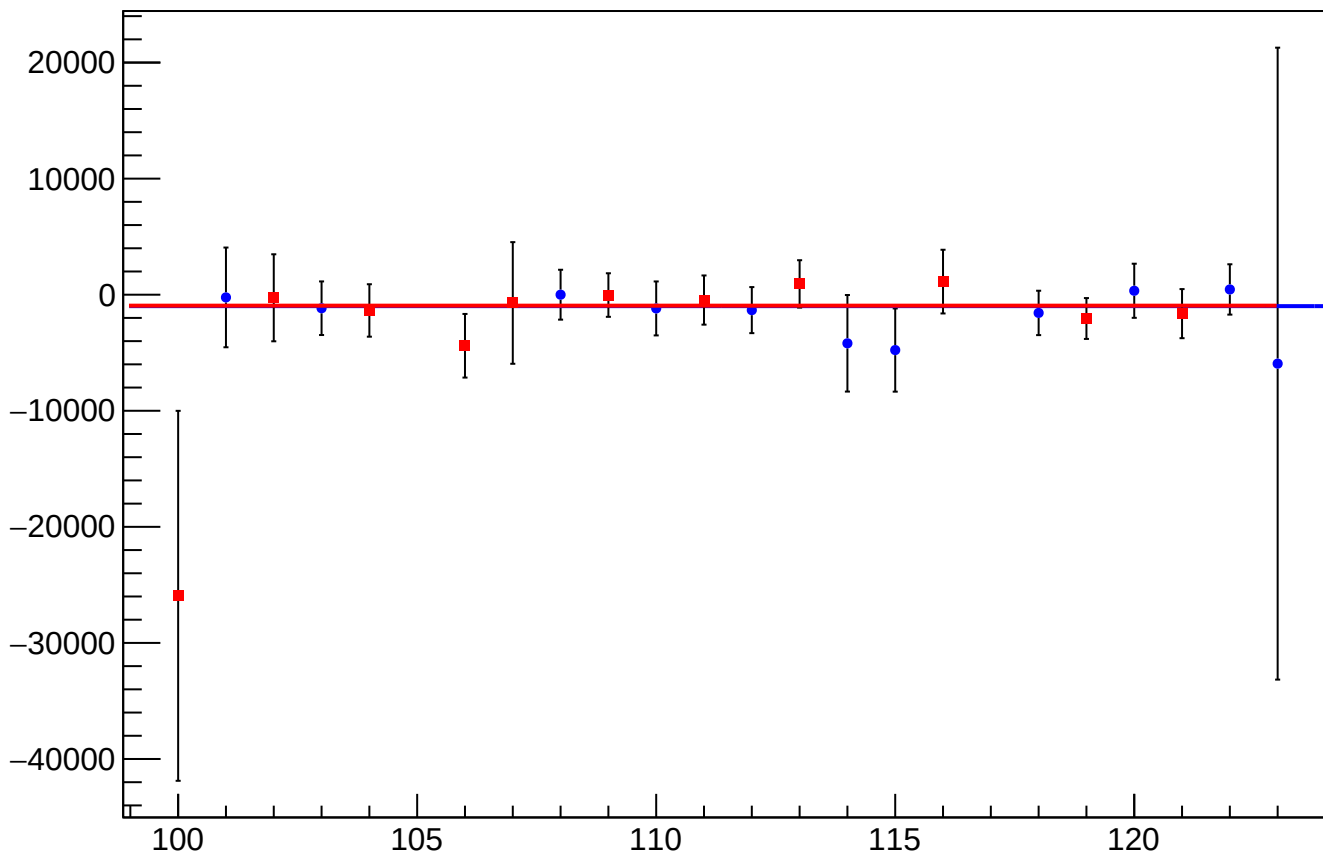
Right: 463.633+/-0.125 χ^2/NDF : 3776893.3/21

In: 488.551+/-0.190 χ^2/NDF : 1631920.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.633+/-0.125 χ^2/NDF : 3776893.3/21

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -985.104+/-765.896 χ^2/NDF : 2.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -944.319+/-731.923 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

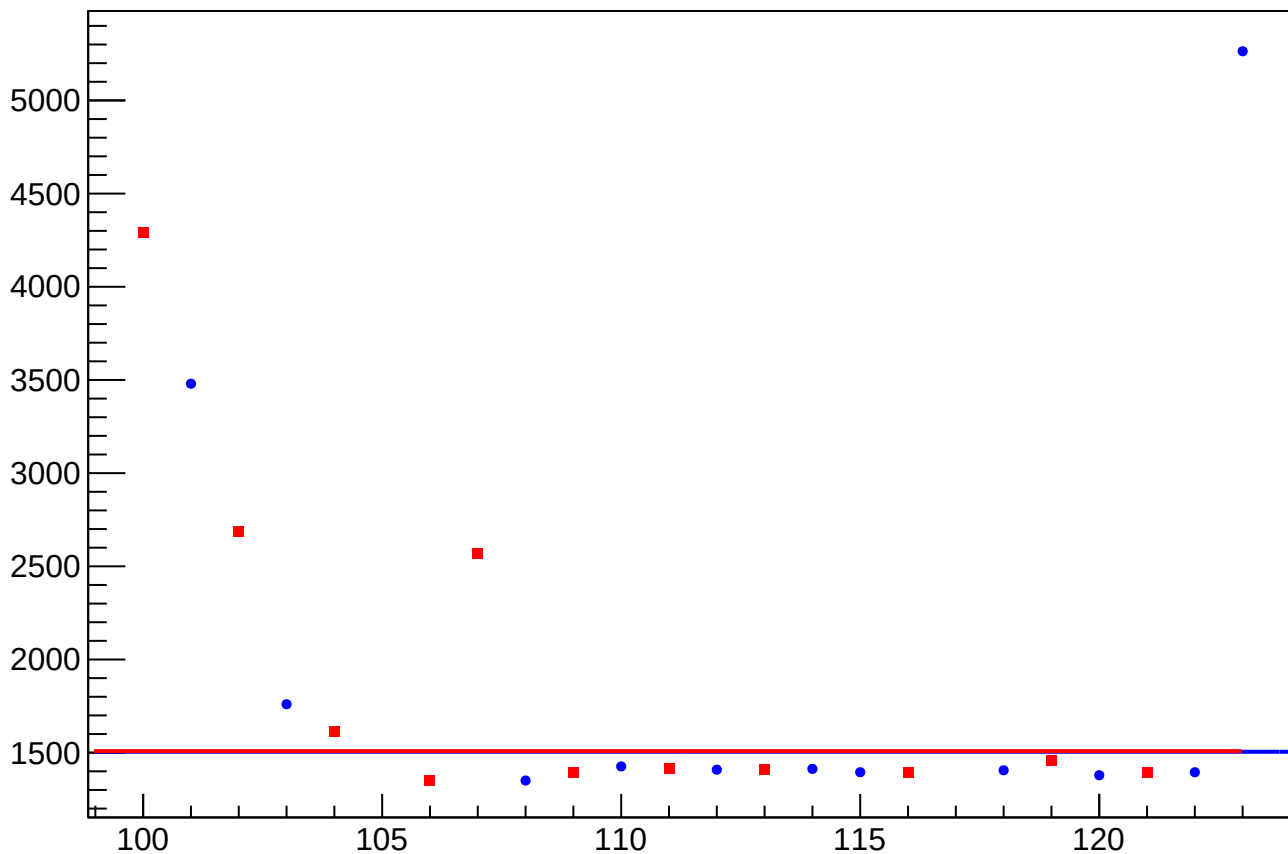
Right: -963.787+/-529.150 χ^2/NDF : 9.2/21

In: -985.104+/-765.896 χ^2/NDF : 2.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -963.787+/-529.150 χ^2/NDF : 9.2/21

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1504.935+/-0.542 χ^2/NDF : 521819.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.263+/-0.518 χ^2/NDF : 378020.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

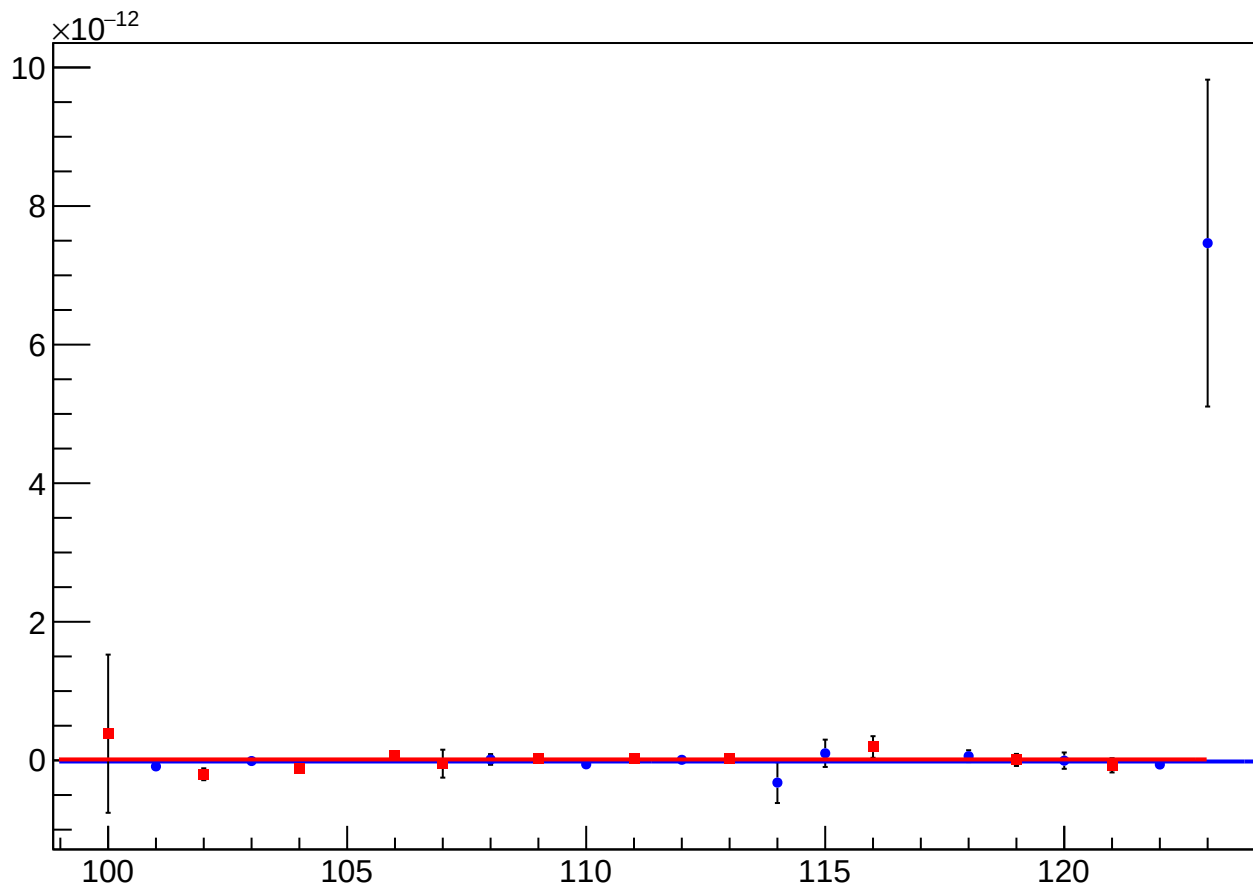
Right: 1506.675+/-0.374 χ^2/NDF : 899858.9/21

In: 1504.935+/-0.542 χ^2/NDF : 521819.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.675+/-0.374 χ^2/NDF : 899858.9/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.7/10

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

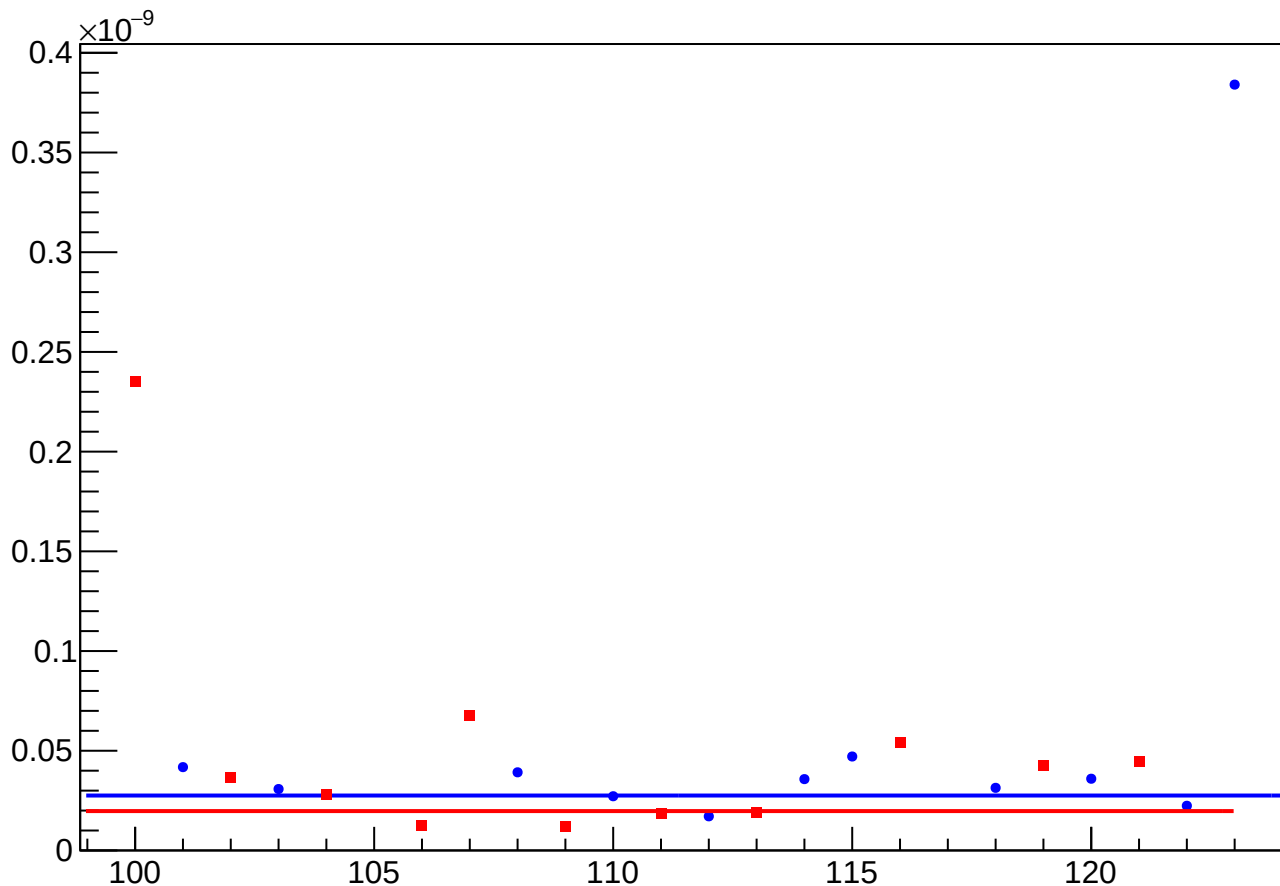
Right: 0.000+/-0.000 χ^2/NDF : 31.1/21

In: -0.000+/-0.000 χ^2/NDF : 14.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.1/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 361728.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 824507.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

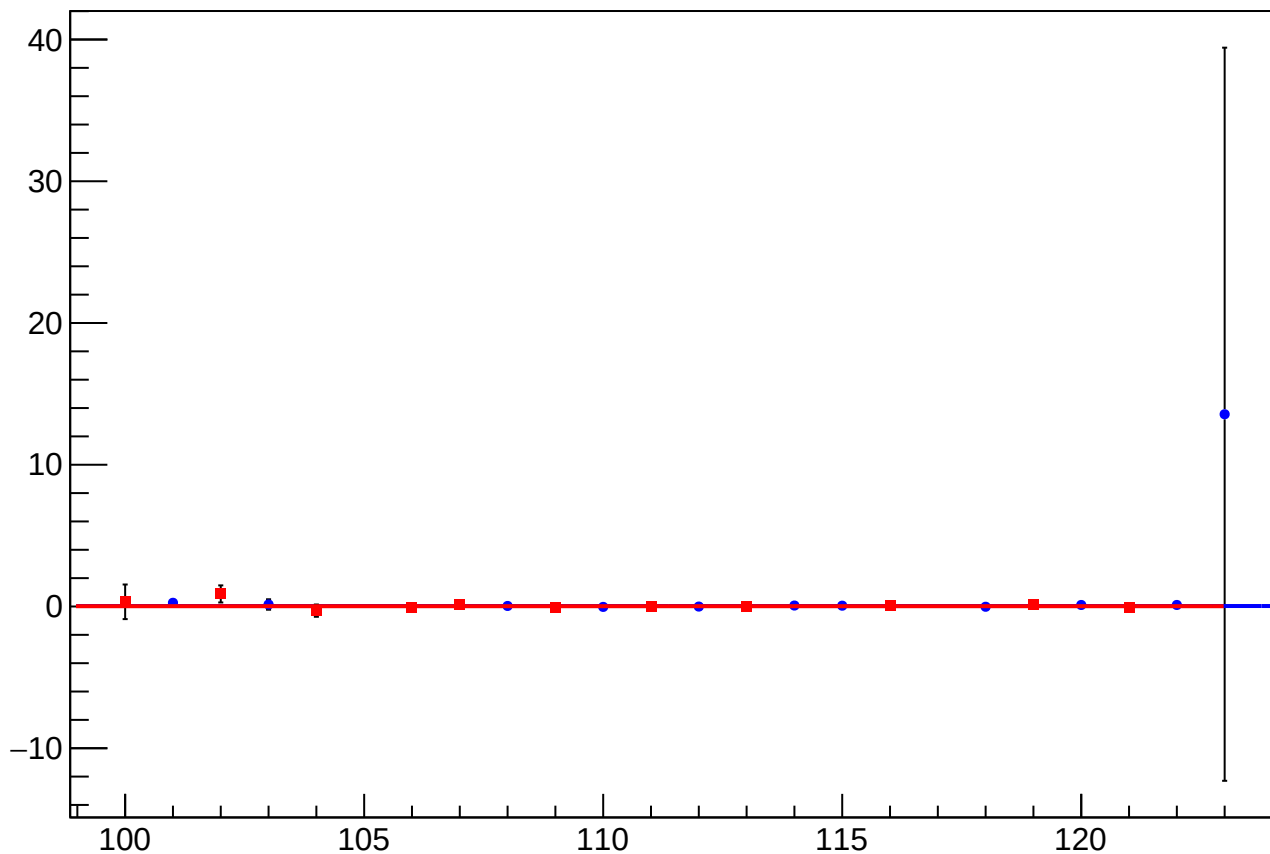
Right: 0.000+/-0.000 χ^2/NDF : 1338805.6/21

In: 0.000+/-0.000 χ^2/NDF : 361728.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1338805.6/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

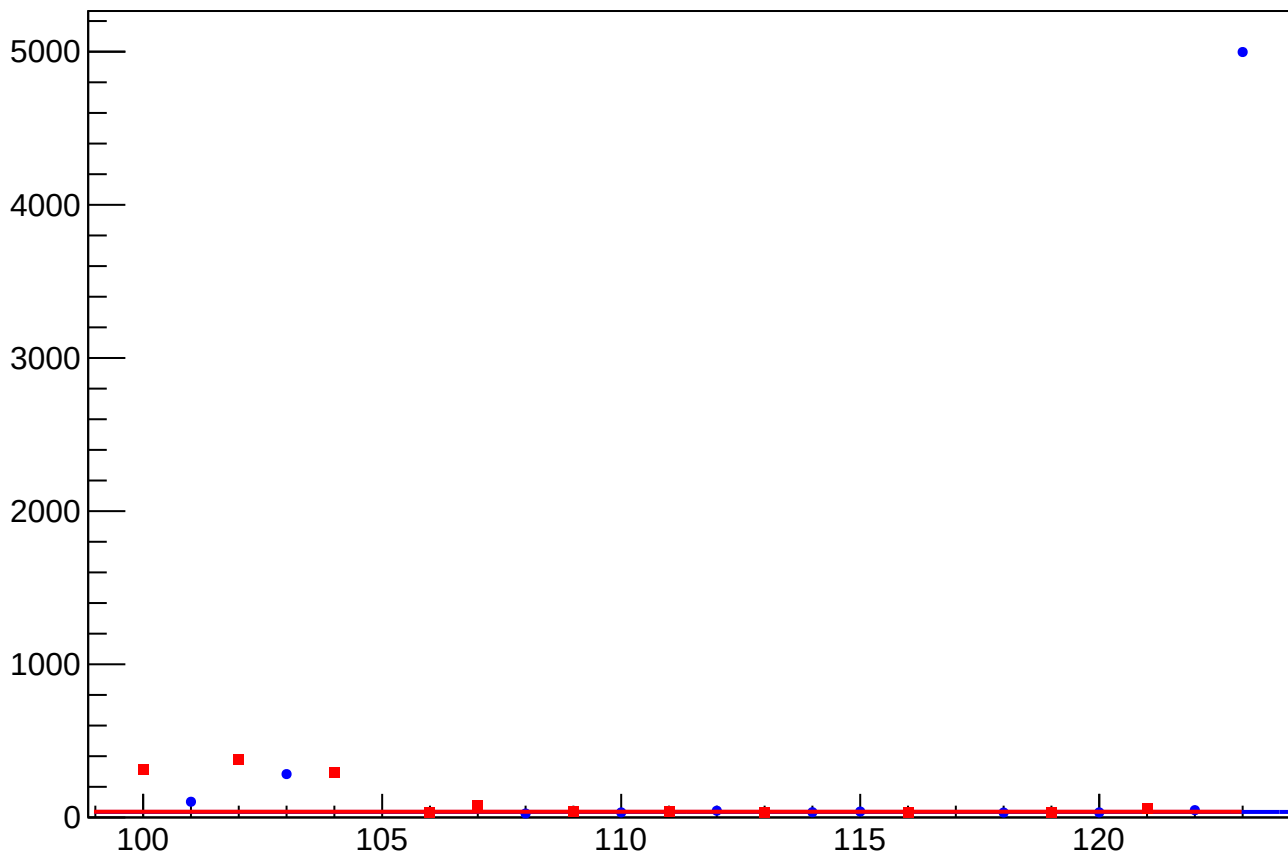
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.025+/-0.015 χ^2/NDF : 1663656.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.392+/-0.015 χ^2/NDF : 1753868.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

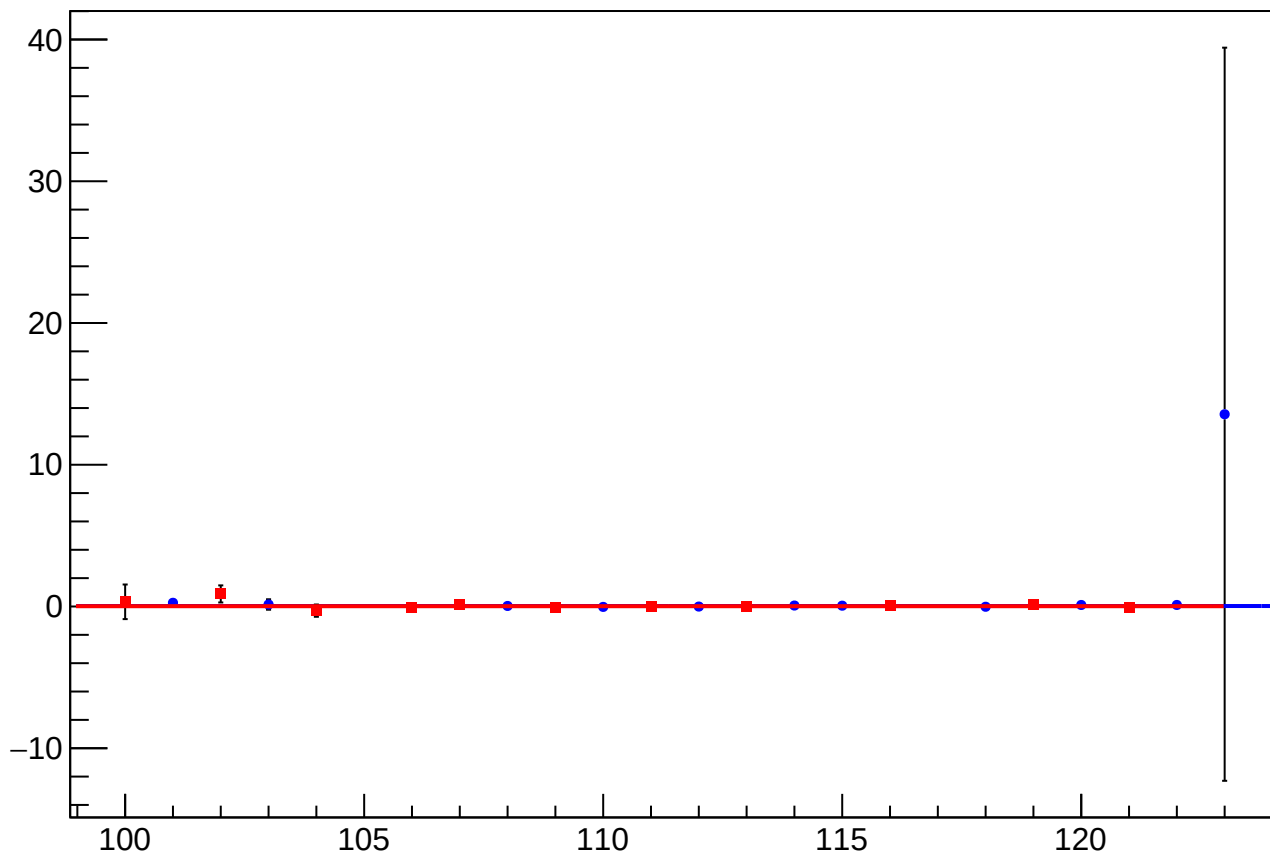
Right: 36.691+/-0.011 χ^2/NDF : 3421672.8/21

In: 36.025+/-0.015 χ^2/NDF : 1663656.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.691+/-0.011 χ^2/NDF : 3421672.8/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

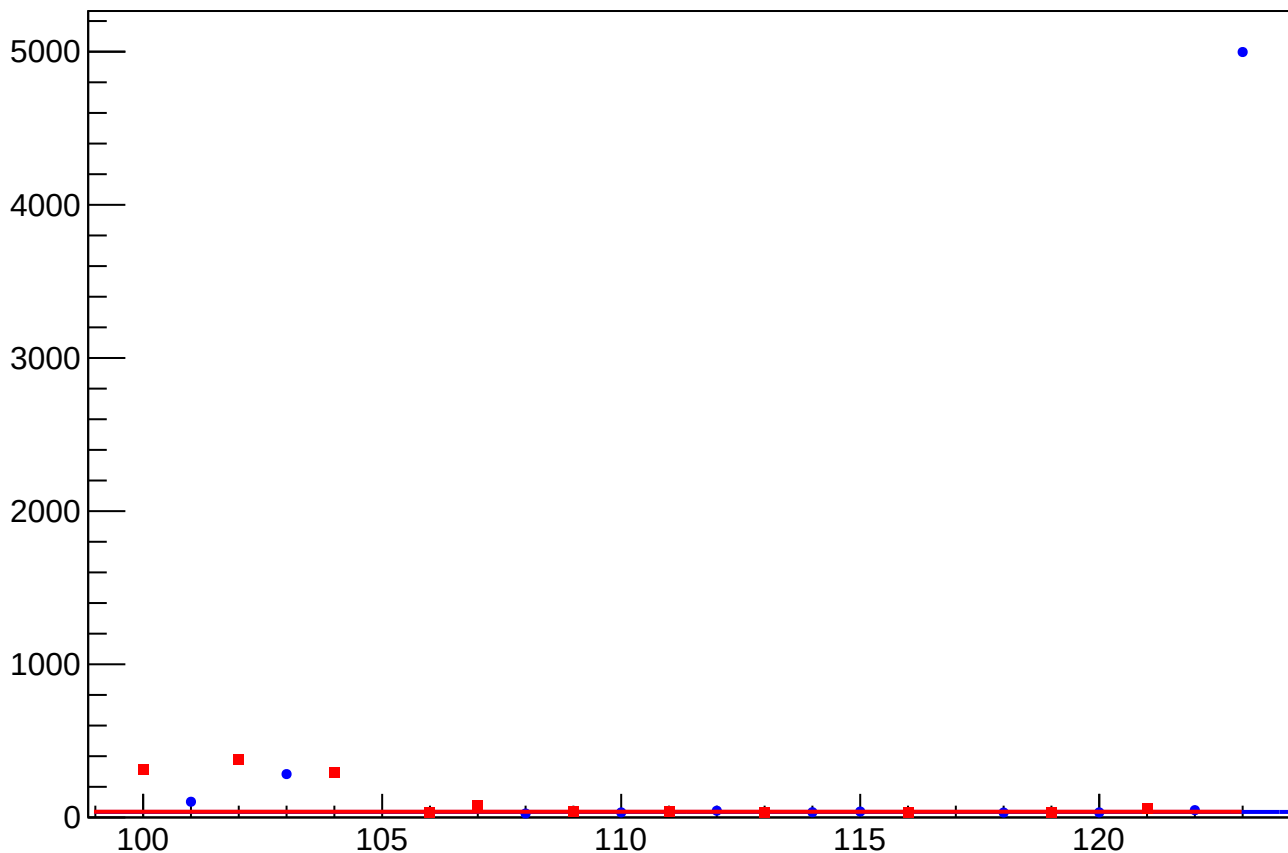
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.025+/-0.015 χ^2/NDF : 1663656.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.392+/-0.015 χ^2/NDF : 1753868.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

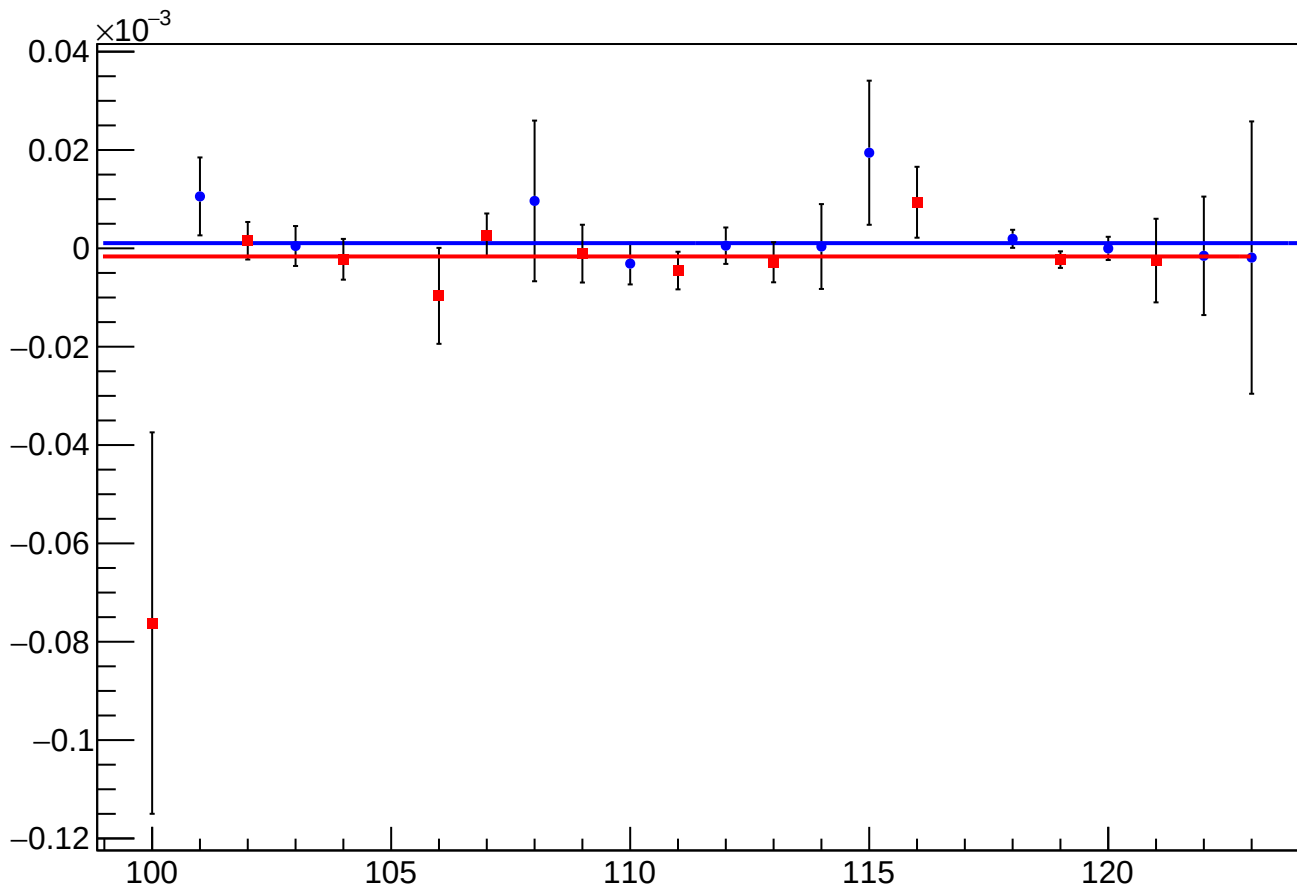
Right: 36.691+/-0.011 χ^2/NDF : 3421672.8/21

In: 36.025+/-0.015 χ^2/NDF :1663656.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.691+/-0.011 χ^2/NDF : 3421672.8/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/10

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

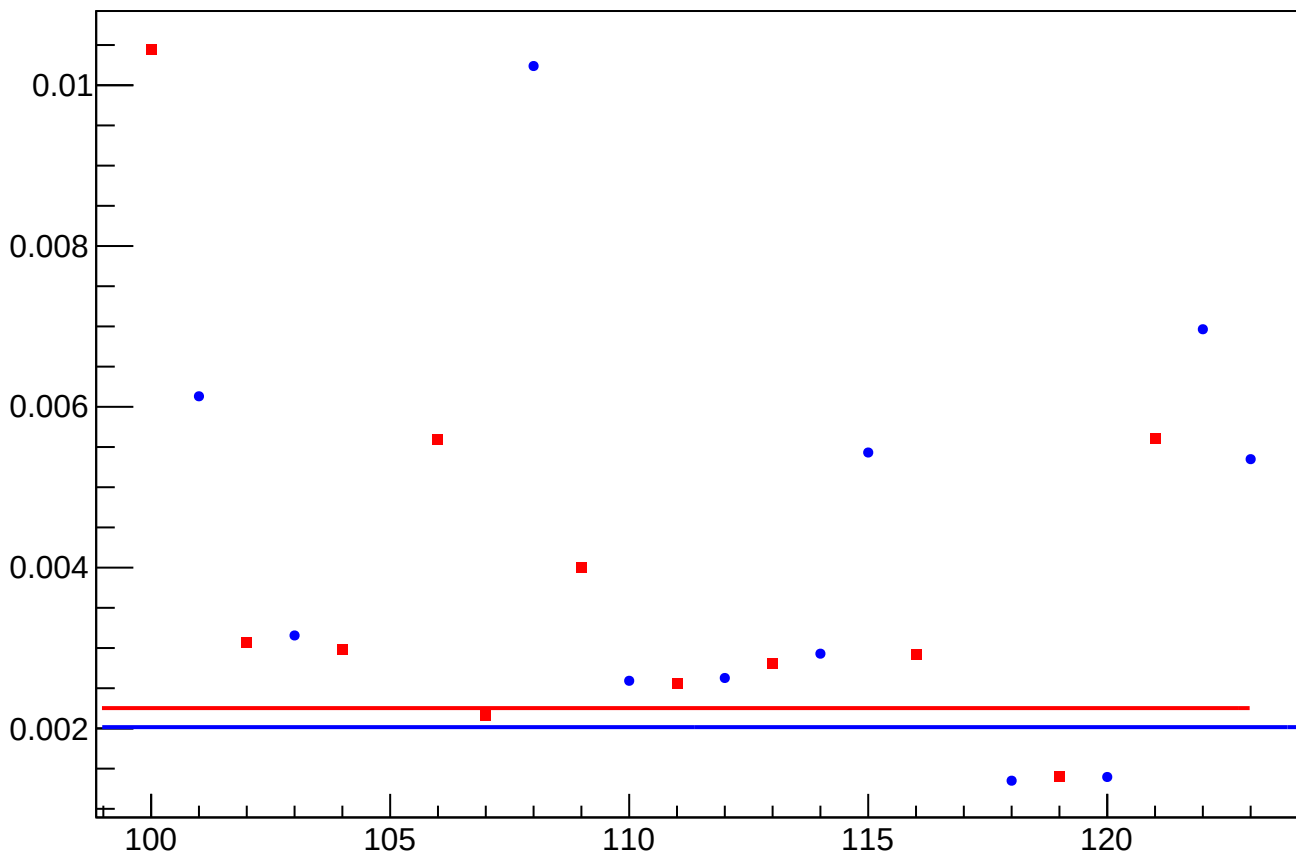
Right: -0.000+/-0.000 χ^2/NDF : 16.7/21

In: 0.000+/-0.000 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/21

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 : 2194548.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1540186.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

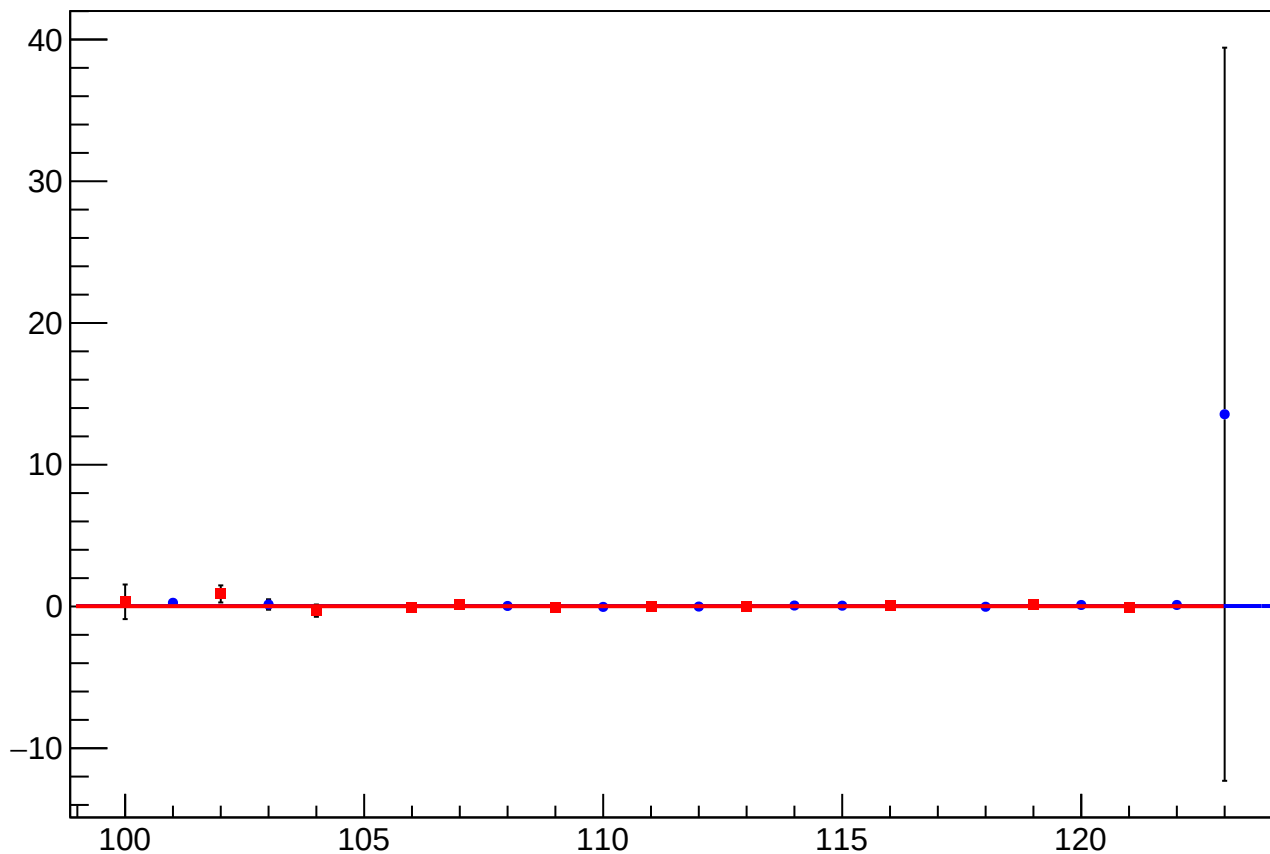
Right: 0.002+/-0.000 χ^2/NDF : 3775199.9/21

In: 0.002+/-0.000 χ^2/NDF :2194548.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3775199.9/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

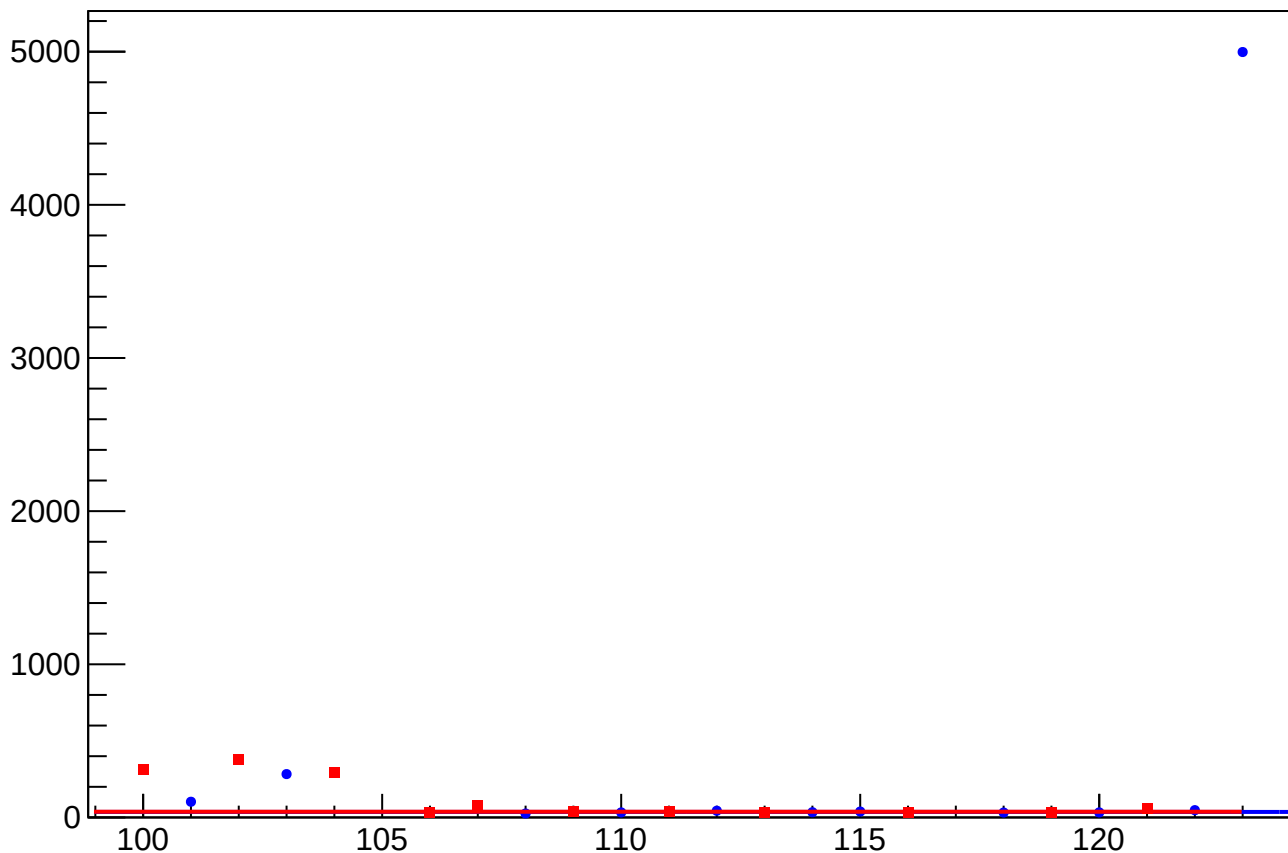
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.026+/-0.015 χ^2/NDF : 1663582.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.393+/-0.015 χ^2/NDF : 1753867.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

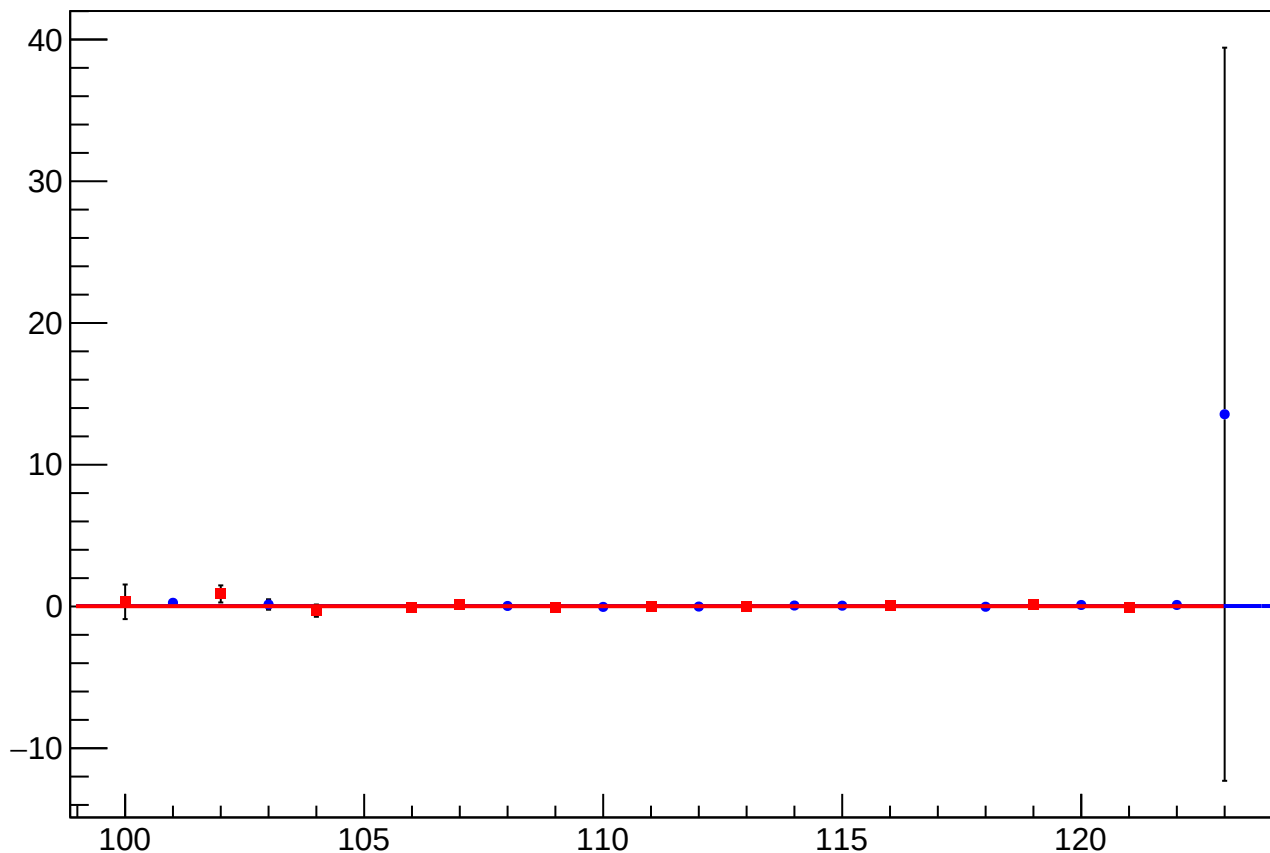
Right: 36.692+/-0.011 χ^2/NDF : 3421591.3/21

In: 36.026+/-0.015 χ^2/NDF : 1663582.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.692+/-0.011 χ^2/NDF : 3421591.3/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.022 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

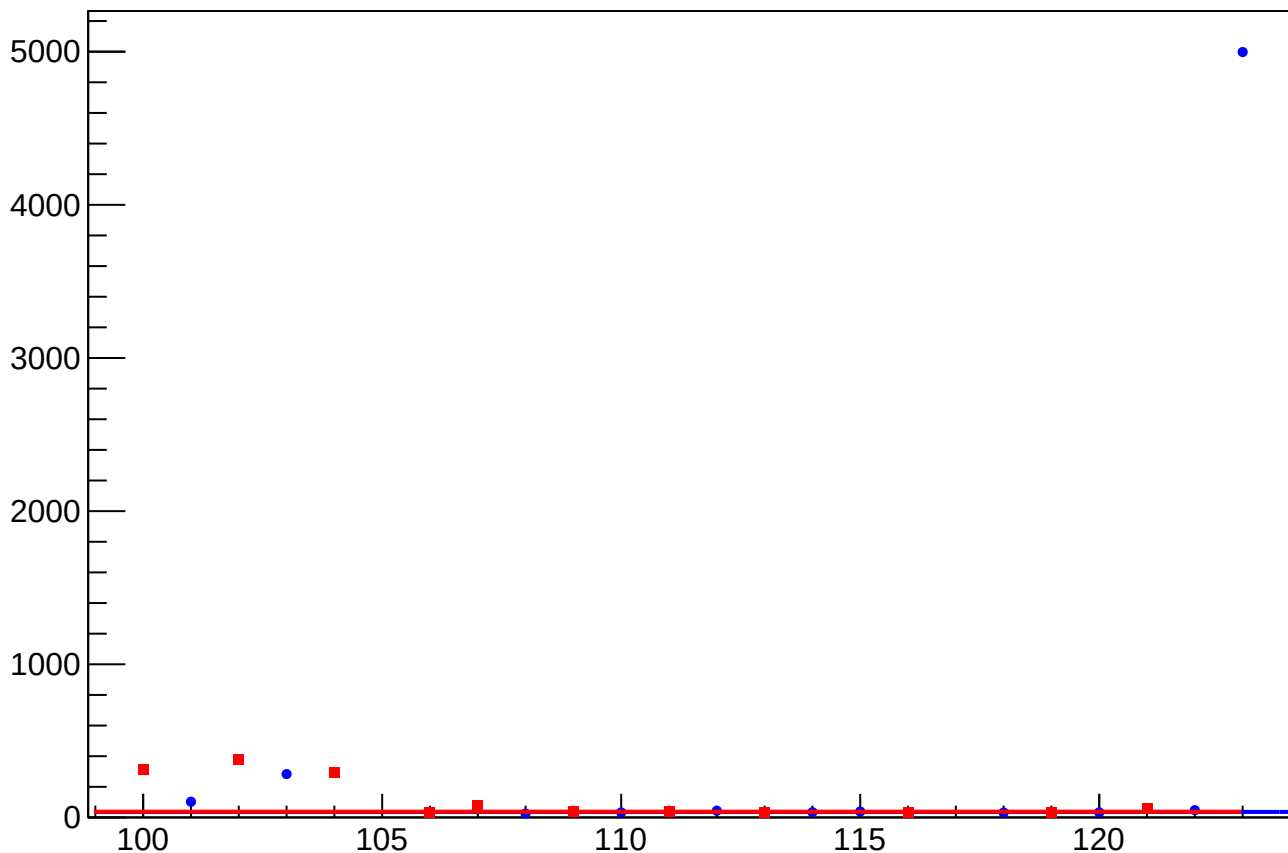
Right: 0.027+/-0.015 χ^2/NDF : 24.1/21

In: 0.033+/-0.021 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.015 χ^2/NDF : 24.1/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.026+/-0.015 χ^2/NDF : 1663582.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.393+/-0.015 χ^2/NDF : 1753867.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

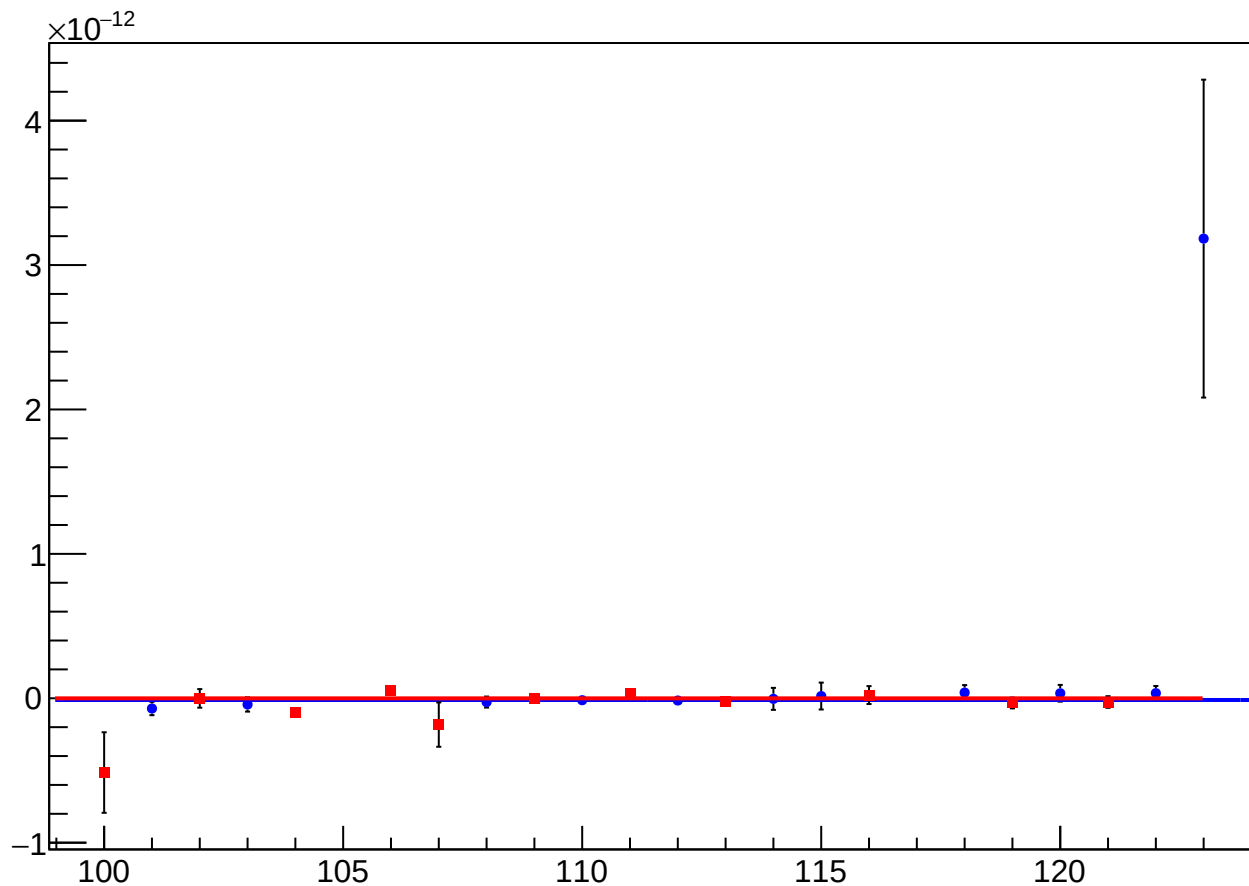
Right: 36.692+/-0.011 χ^2/NDF : 3421591.3/21

In: 36.026+/-0.015 χ^2/NDF : 1663582.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.692+/-0.011 χ^2/NDF : 3421591.3/21

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 : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 29.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

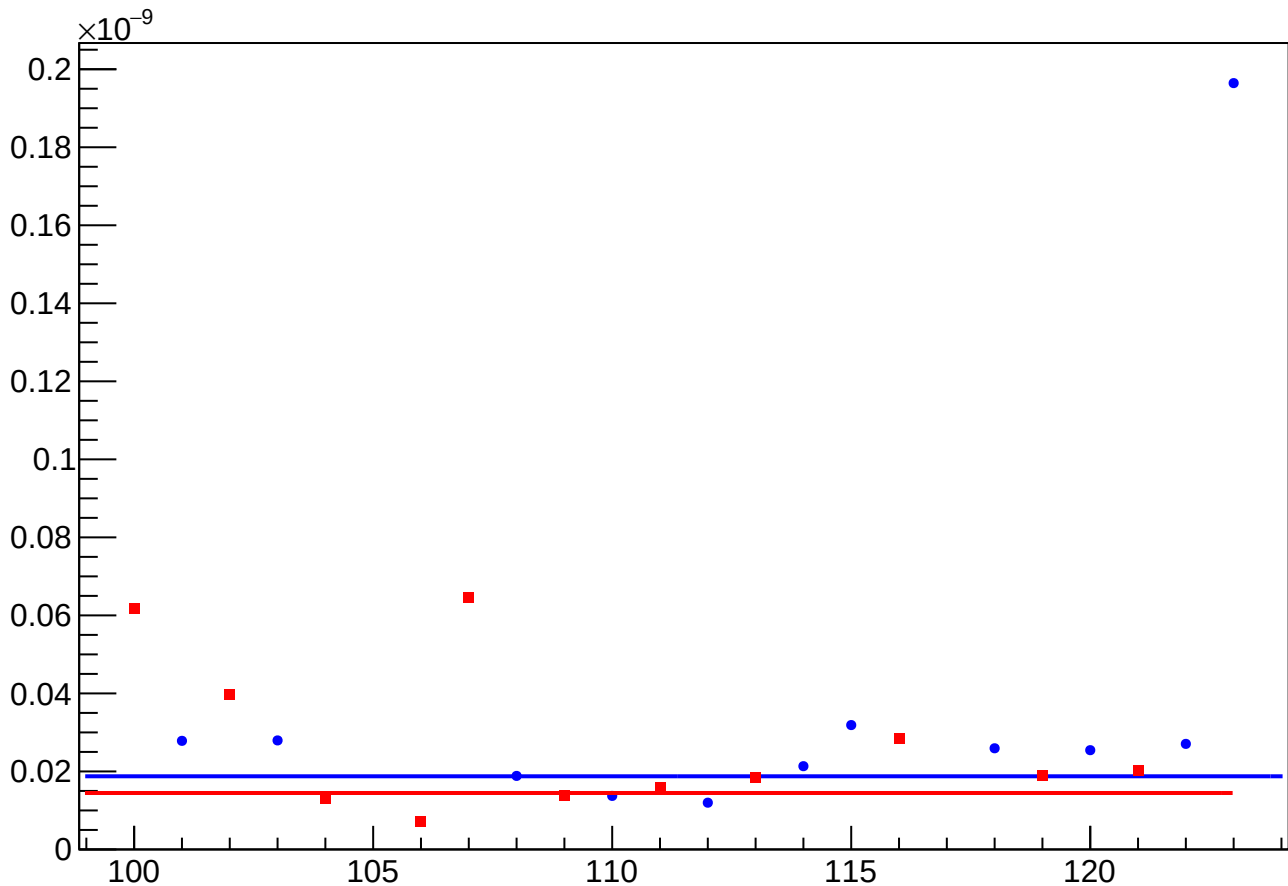
Right: -0.000+/-0.000 χ^2/NDF : 42.7/21

In: -0.000+/-0.000 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.7/21

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 : 591511.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1099986.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

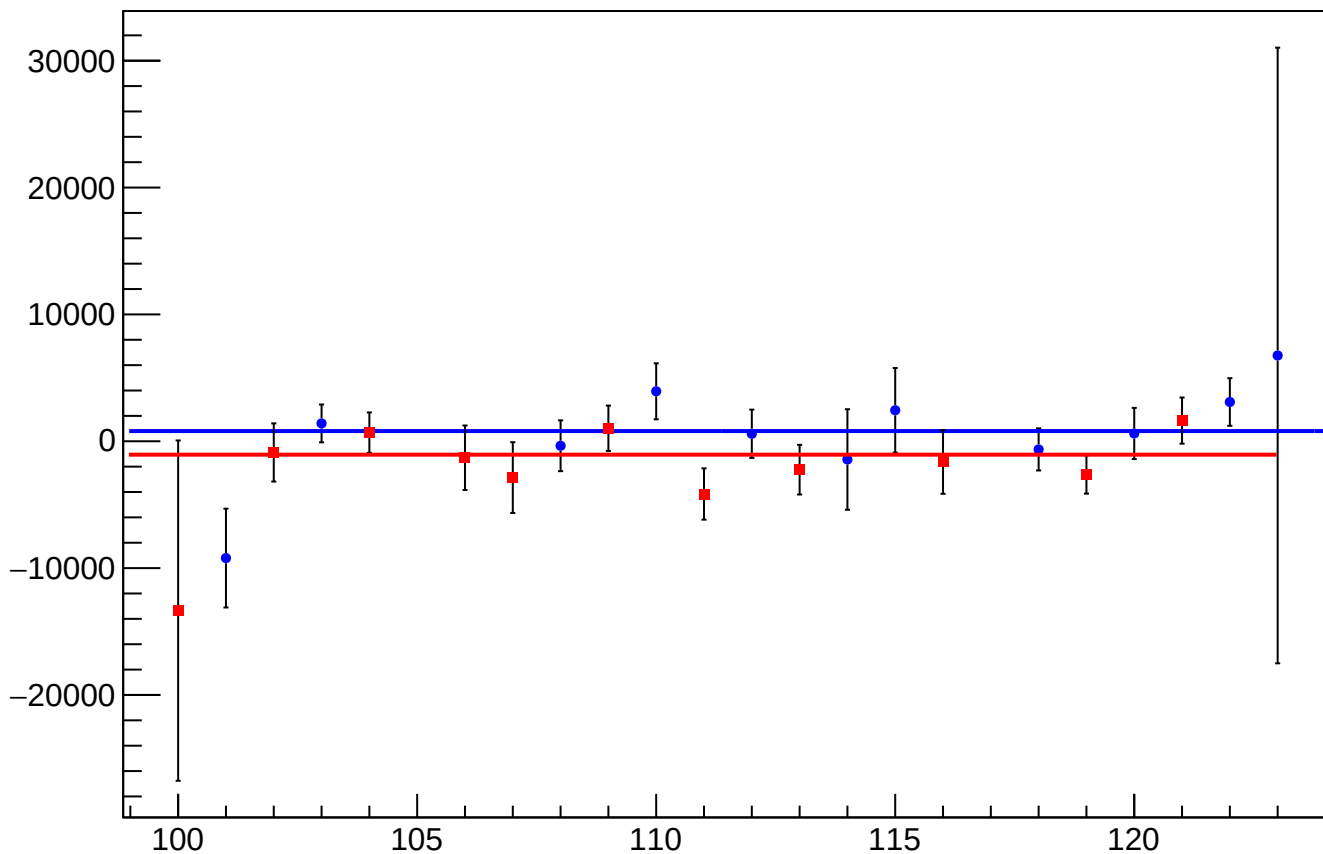
Right: 0.000+/-0.000 χ^2/NDF : 1829023.3/21

In: 0.000+/-0.000 χ^2/NDF : 591511.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1829023.3/21

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 803.895+/-659.940 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1057.460+/-621.013 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

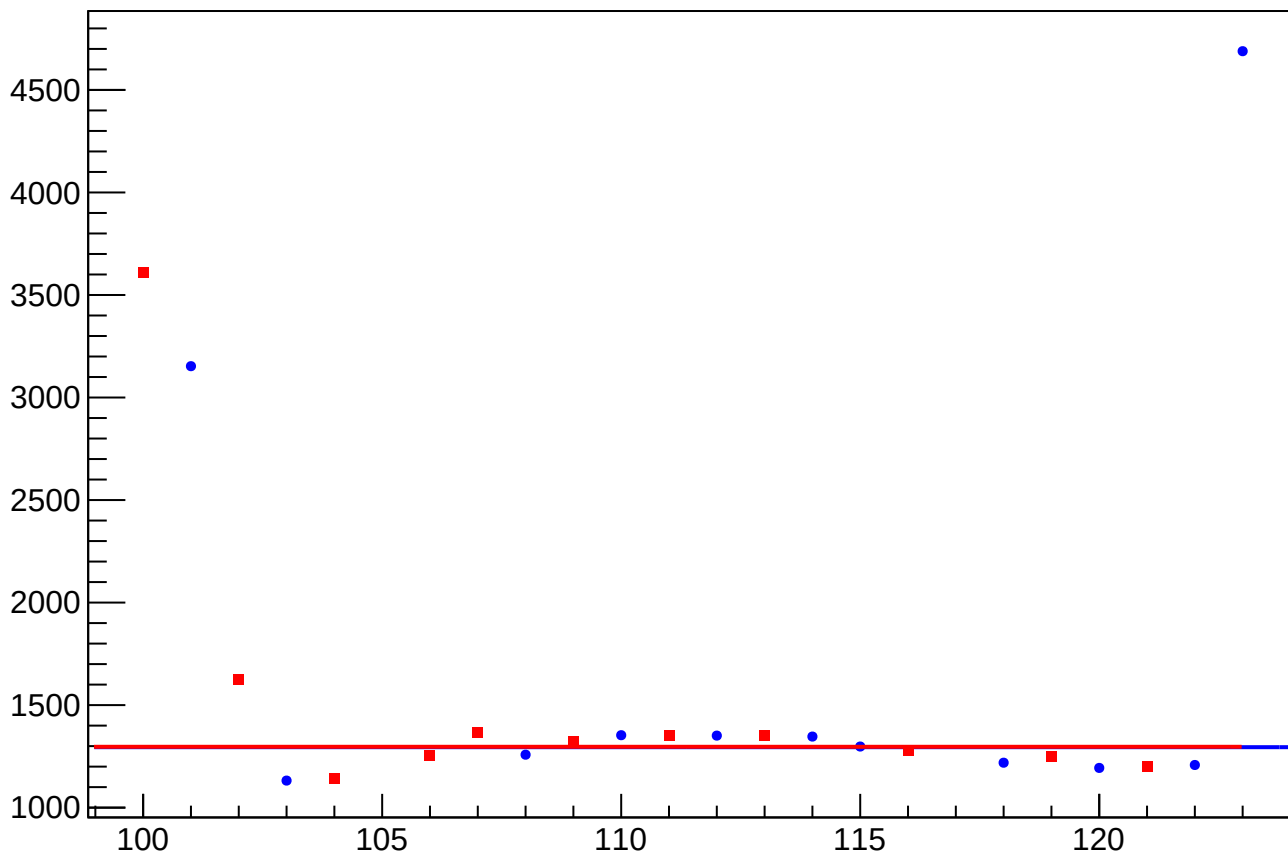
Right: -183.295+/-452.258 χ^2/NDF : 26.1/21

In: 803.895+/-659.940 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.295+/-452.258 χ^2/NDF : 26.1/21

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1294.814+/-0.467 χ^2/NDF : 536254.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.702+/-0.439 χ^2/NDF : 132551.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

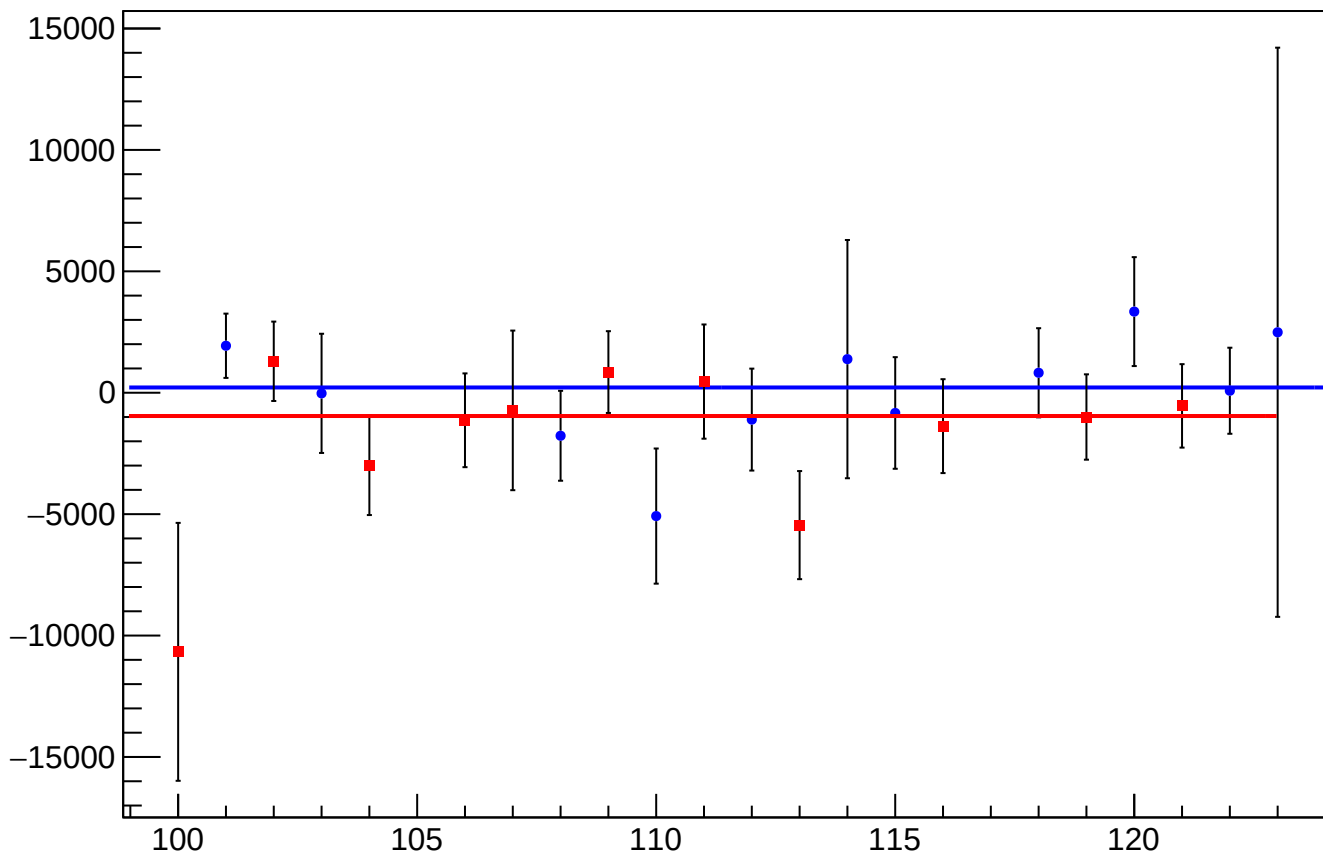
Right: 1295.815+/-0.320 χ^2/NDF : 668814.8/21

In: 1294.814+/-0.467 χ^2/NDF : 536254.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.815+/-0.320 χ^2/NDF : 668814.8/21

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 216.912 $\pm$ 640.613 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -958.454 $\pm$ 611.718 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

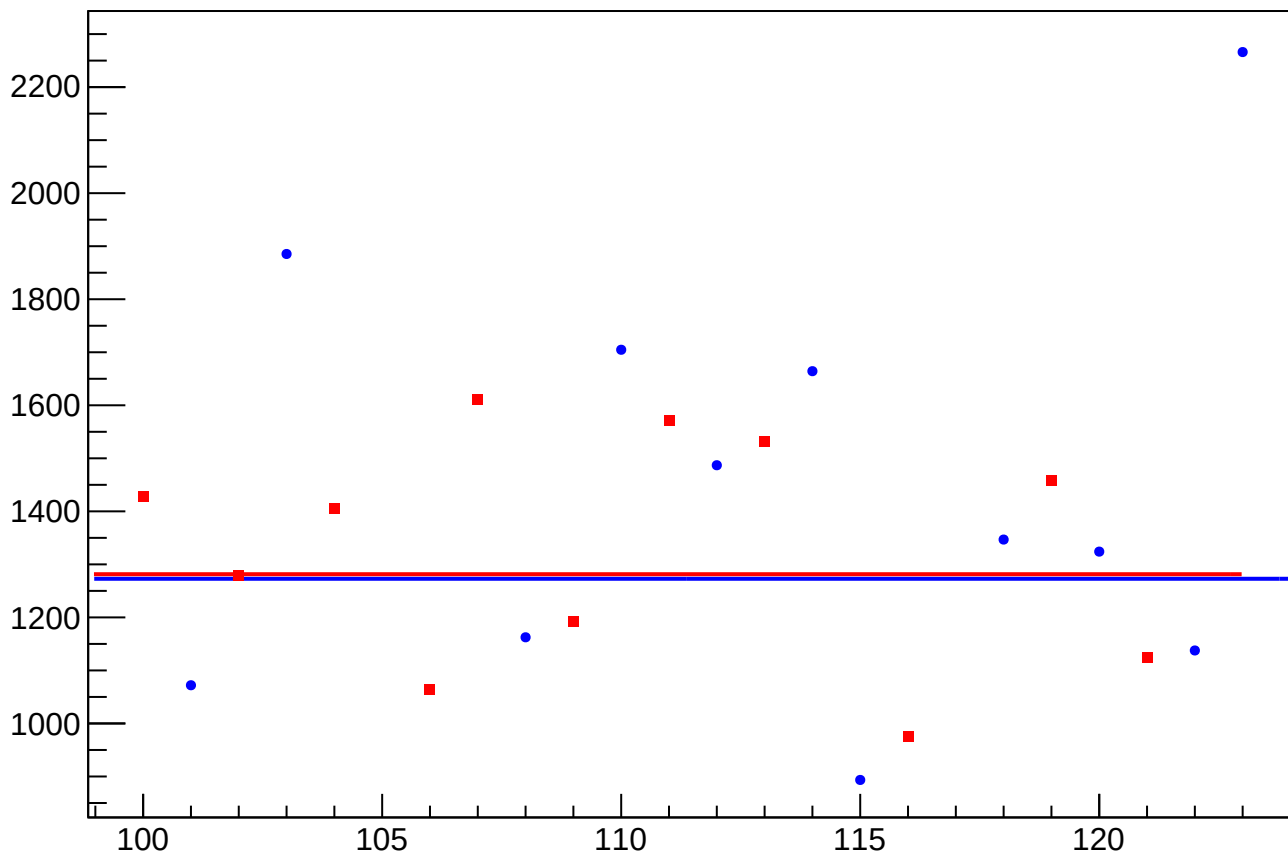
Right: -397.875 $\pm$ 442.412 χ^2 /NDF: 22.9/21

In: 216.912 $\pm$ 640.613 χ^2 /NDF:9.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -397.875 $\pm$ 442.412 χ^2 /NDF: 22.9/21

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1272.845+/-0.453 χ^2/NDF : 344171.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.443+/-0.433 χ^2/NDF : 202318.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

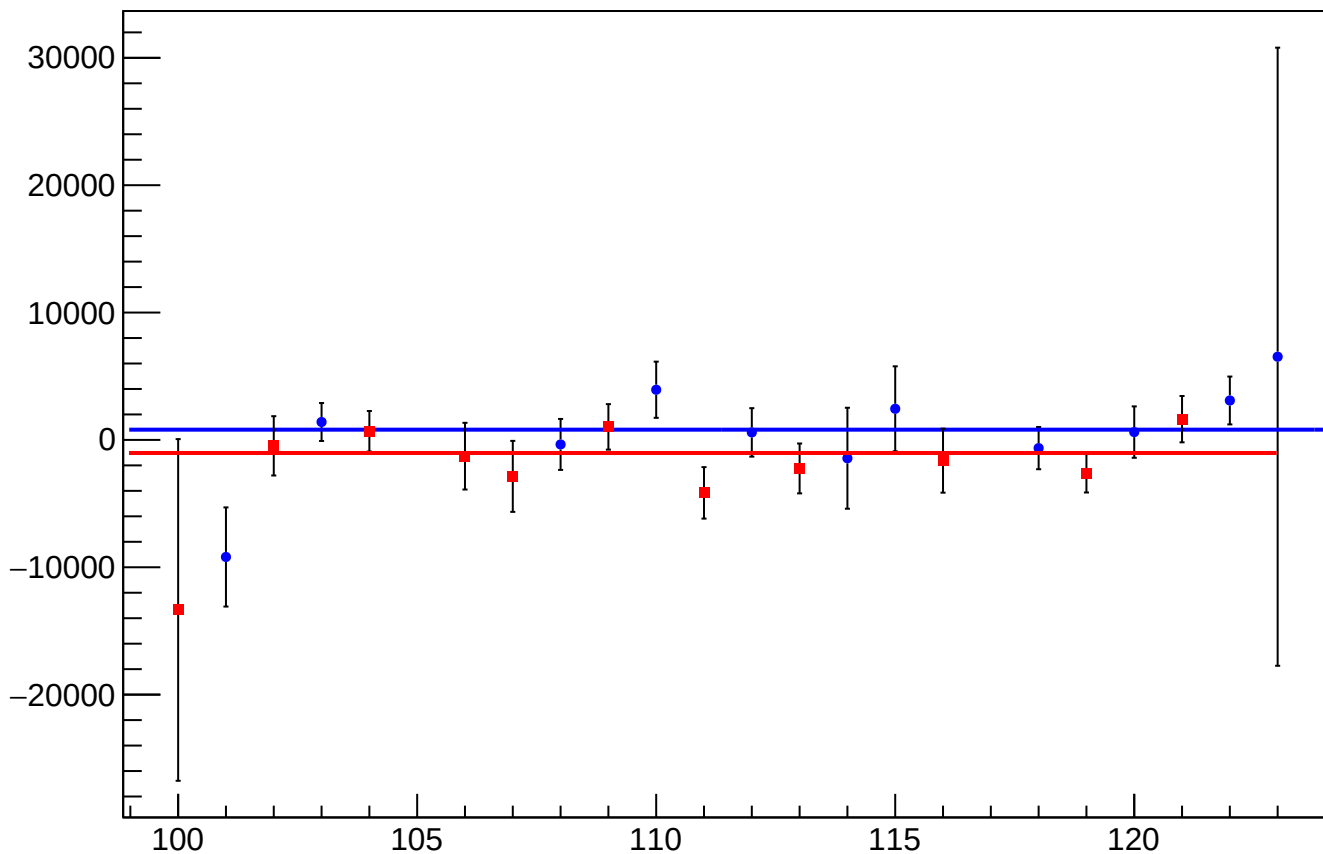
Right: 1277.343+/-0.313 χ^2/NDF : 546678.4/21

In: 1272.845+/-0.453 χ^2/NDF : 344171.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.343+/-0.313 χ^2/NDF : 546678.4/21

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.161+/-622.780 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

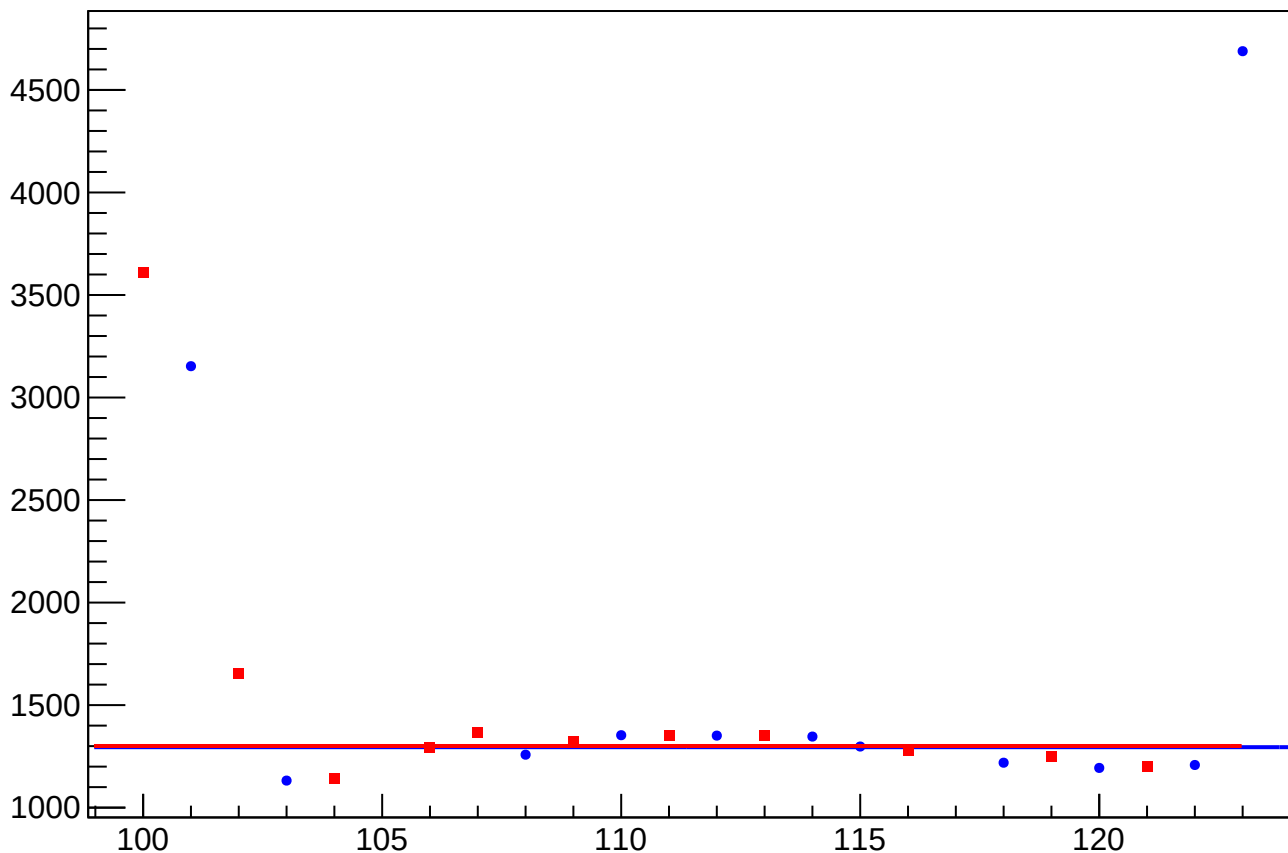
Right: -163.948+/-452.939 χ^2/NDF : 26.0/21

In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.948+/-452.939 χ^2/NDF : 26.0/21

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.616+/-0.440 χ^2/NDF : 138607.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

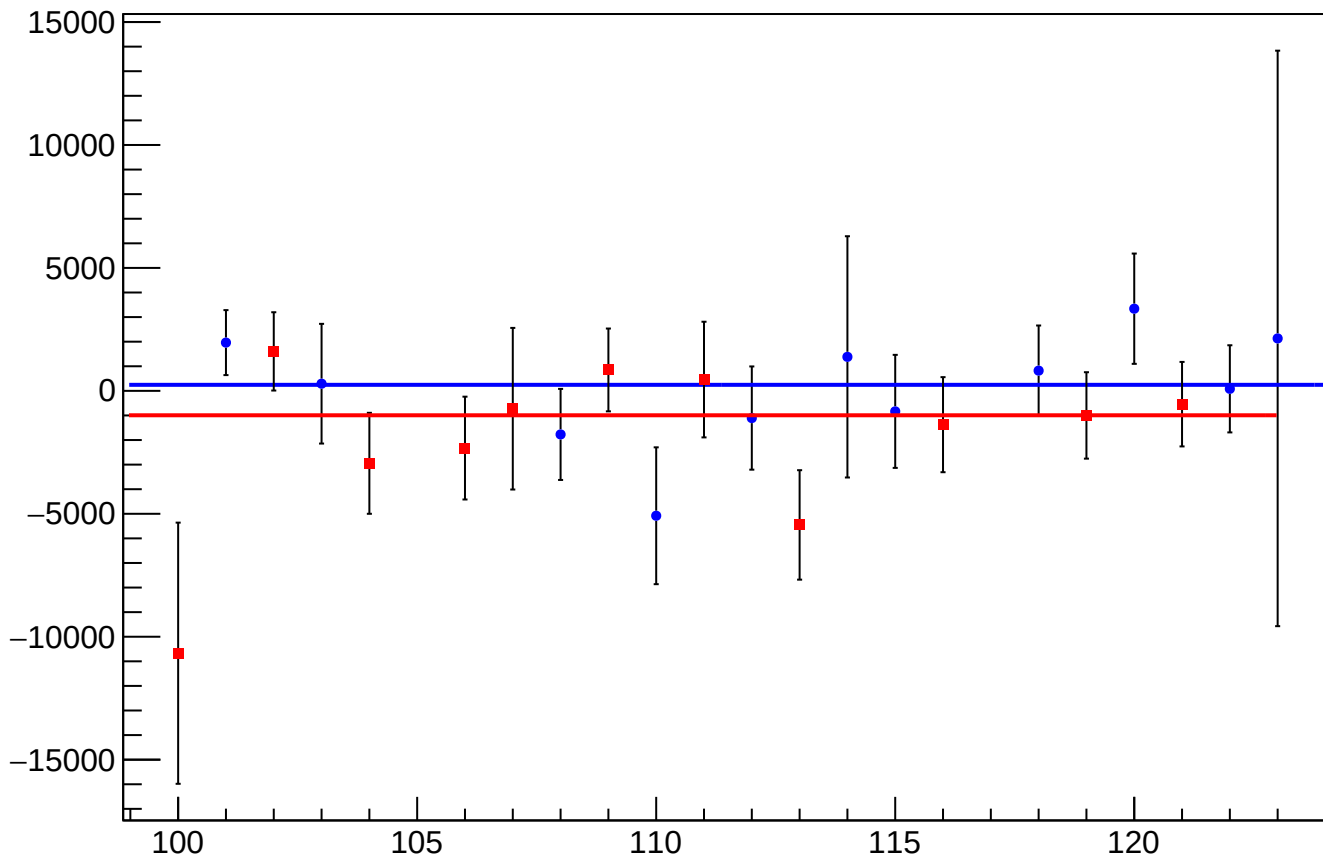
Right: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 245.102 $\pm$ 640.010 χ^2 /NDF: 9.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -993.263 $\pm$ 613.859 χ^2 /NDF: 13.0/10

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

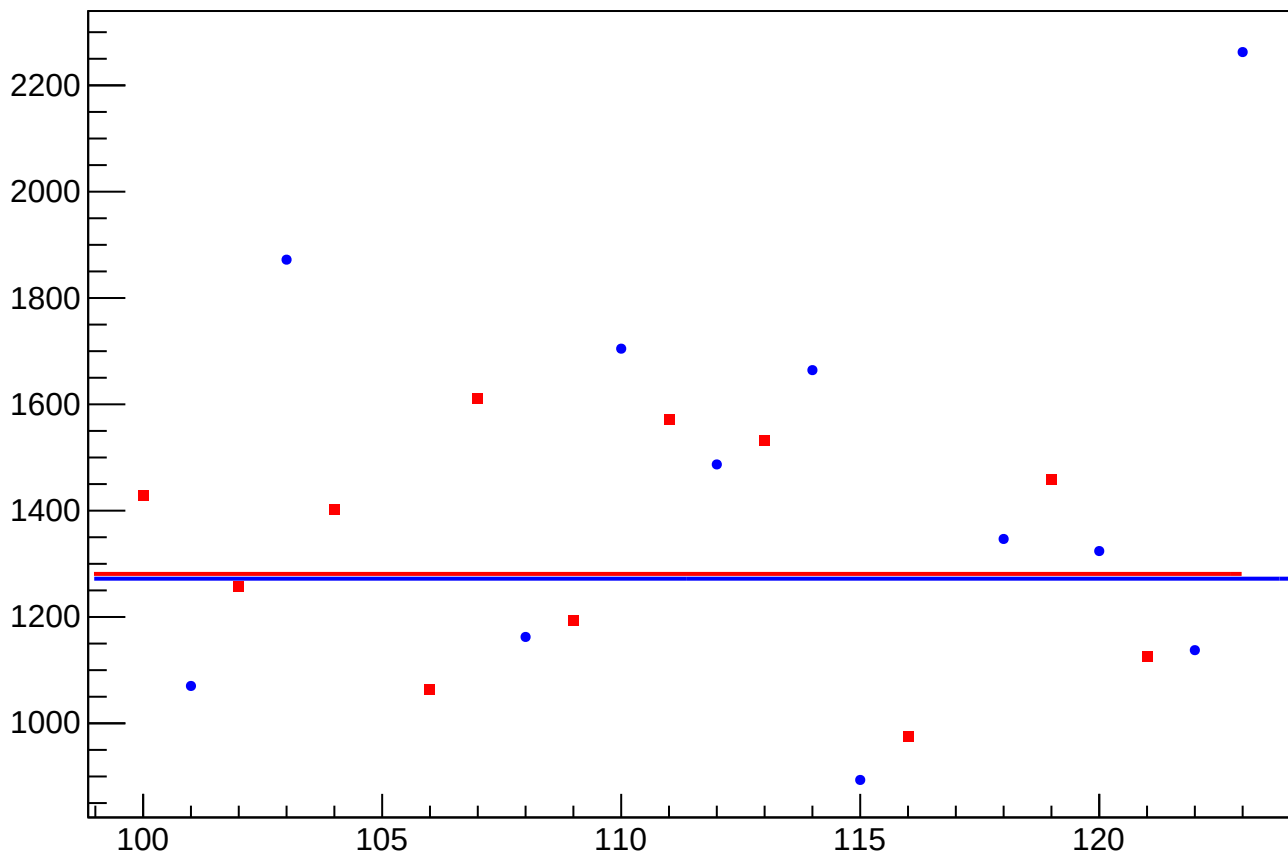
Right: -399.897 $\pm$ 443.020 χ^2 /NDF: 24.2/21

In: 245.102 $\pm$ 640.010 χ^2 /NDF:9.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -399.897 $\pm$ 443.020 χ^2 /NDF: 24.2/21

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.038+/-0.434 χ^2/NDF : 199306.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

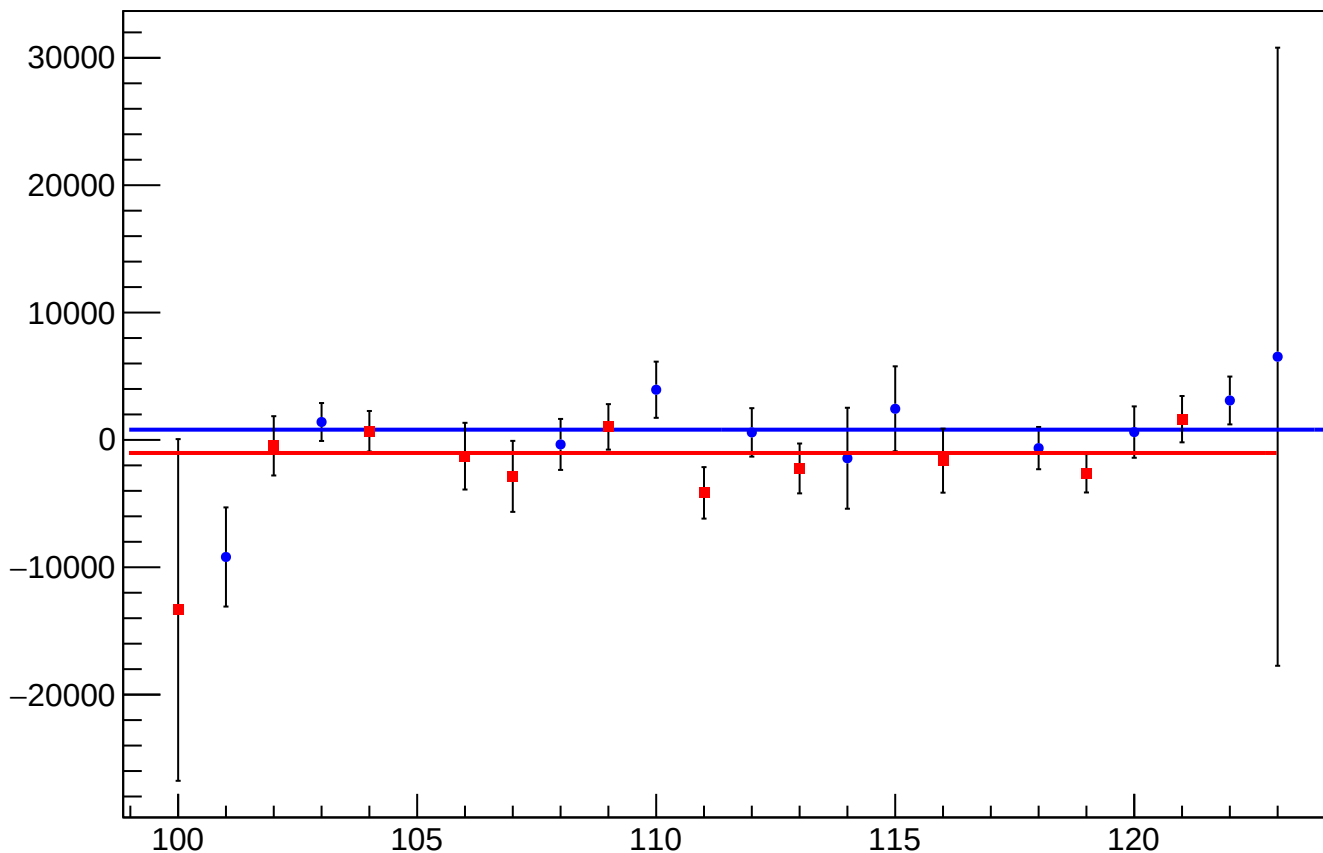
Right: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.161+/-622.780 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

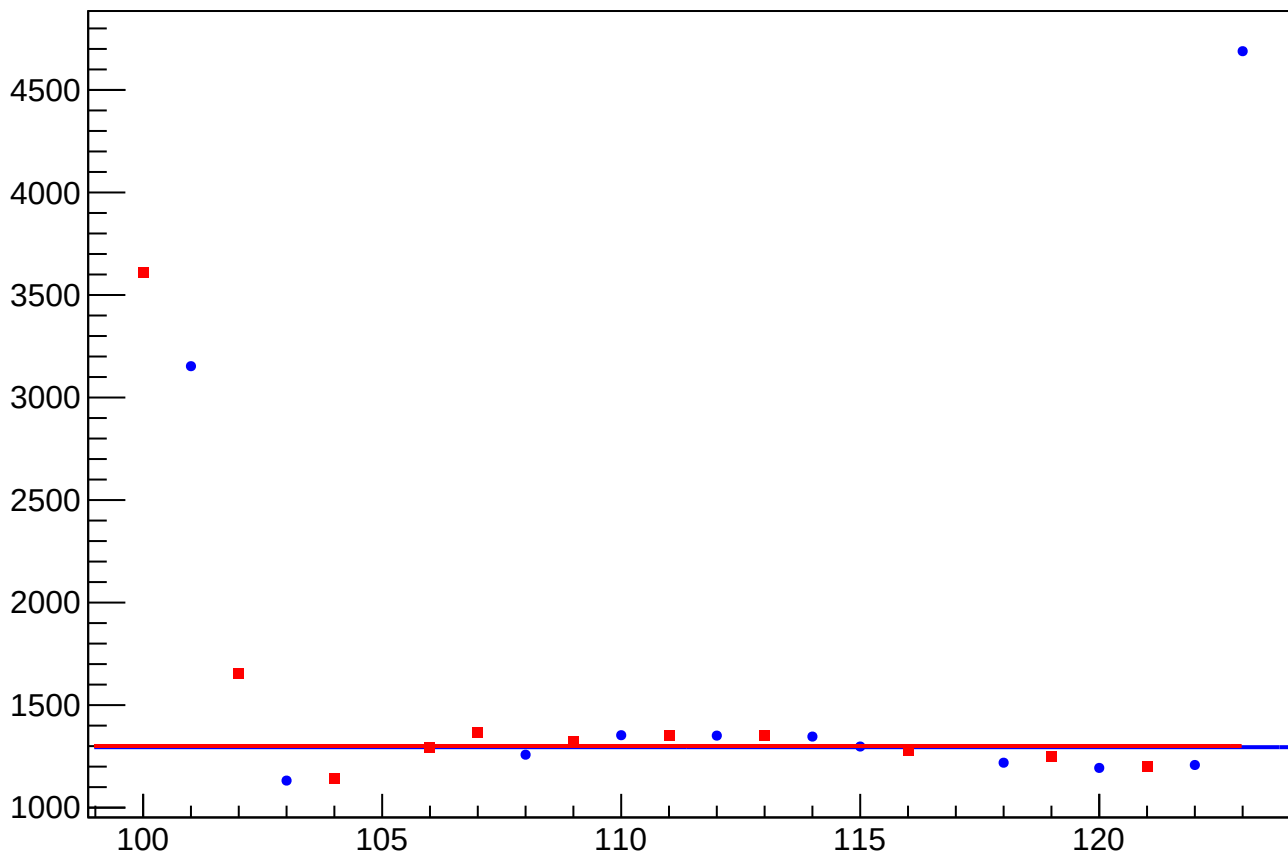
Right: -163.948+/-452.939 χ^2/NDF : 26.0/21

In: 804.227+/-659.940 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.948+/-452.939 χ^2/NDF : 26.0/21

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.616+/-0.440 χ^2/NDF : 138607.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

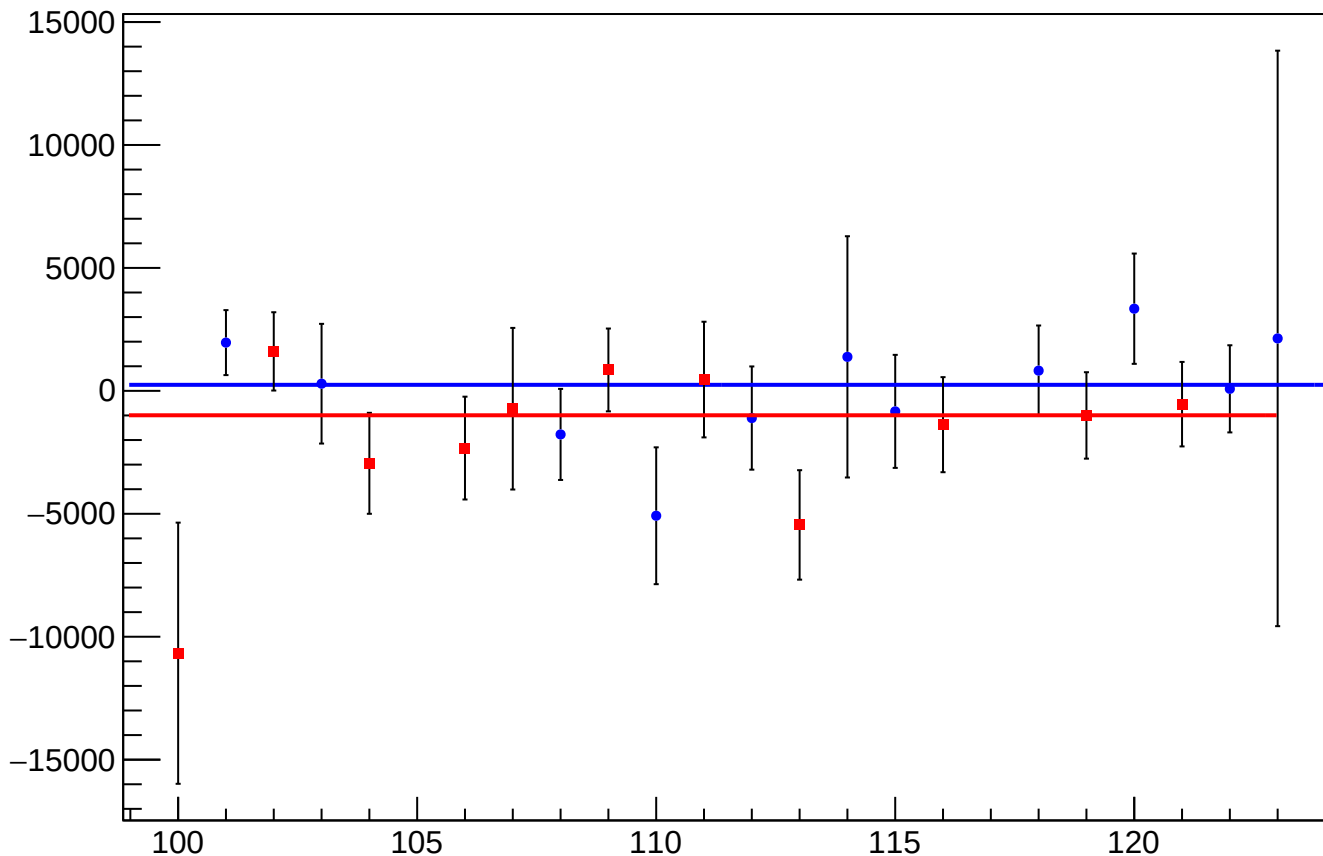
Right: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

In: 1294.814+/-0.467 χ^2/NDF : 536256.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.883+/-0.320 χ^2/NDF : 674944.9/21

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 245.102+/-640.010 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -993.263+/-613.859 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

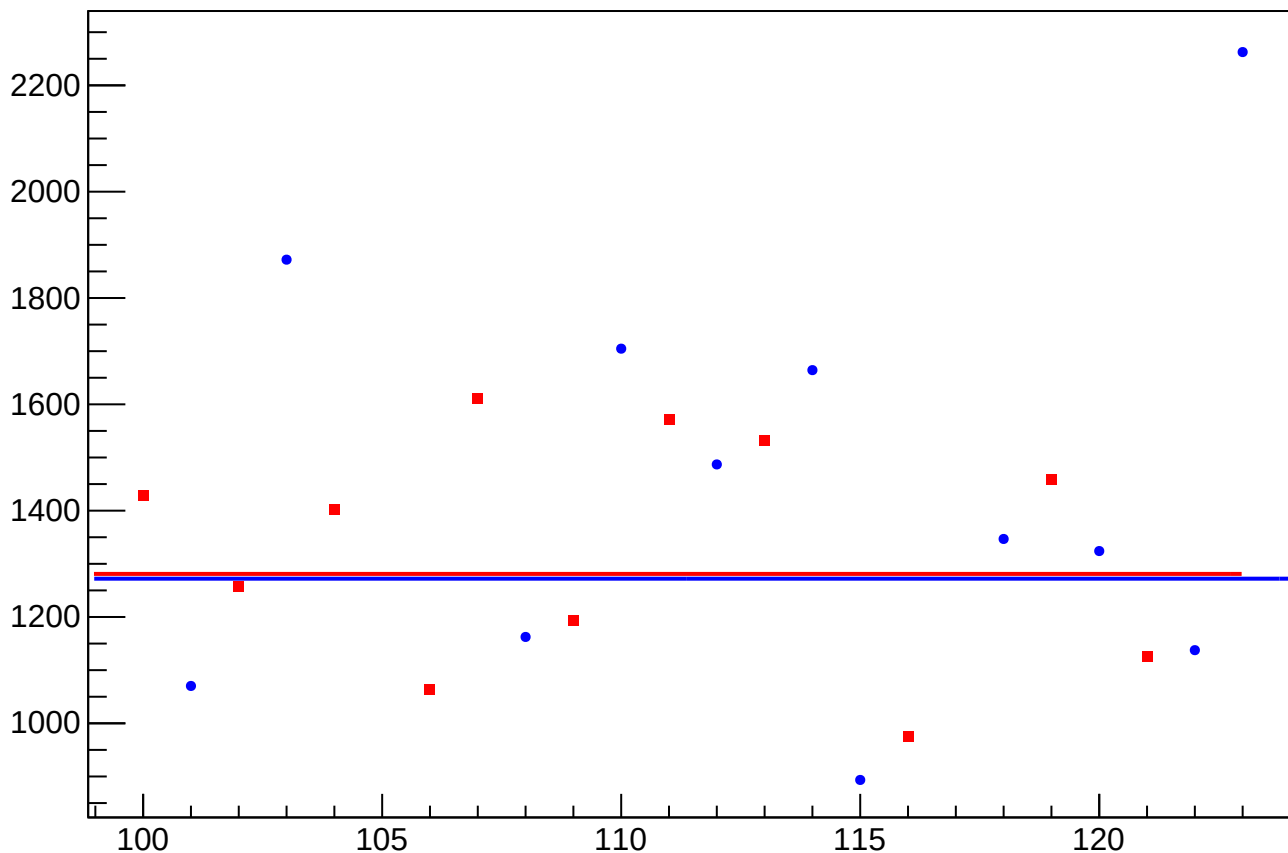
Right: -399.897+/-443.020 χ^2/NDF : 24.2/21

In: 245.102+/-640.010 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.897+/-443.020 χ^2/NDF : 24.2/21

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.038+/-0.434 χ^2/NDF : 199306.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

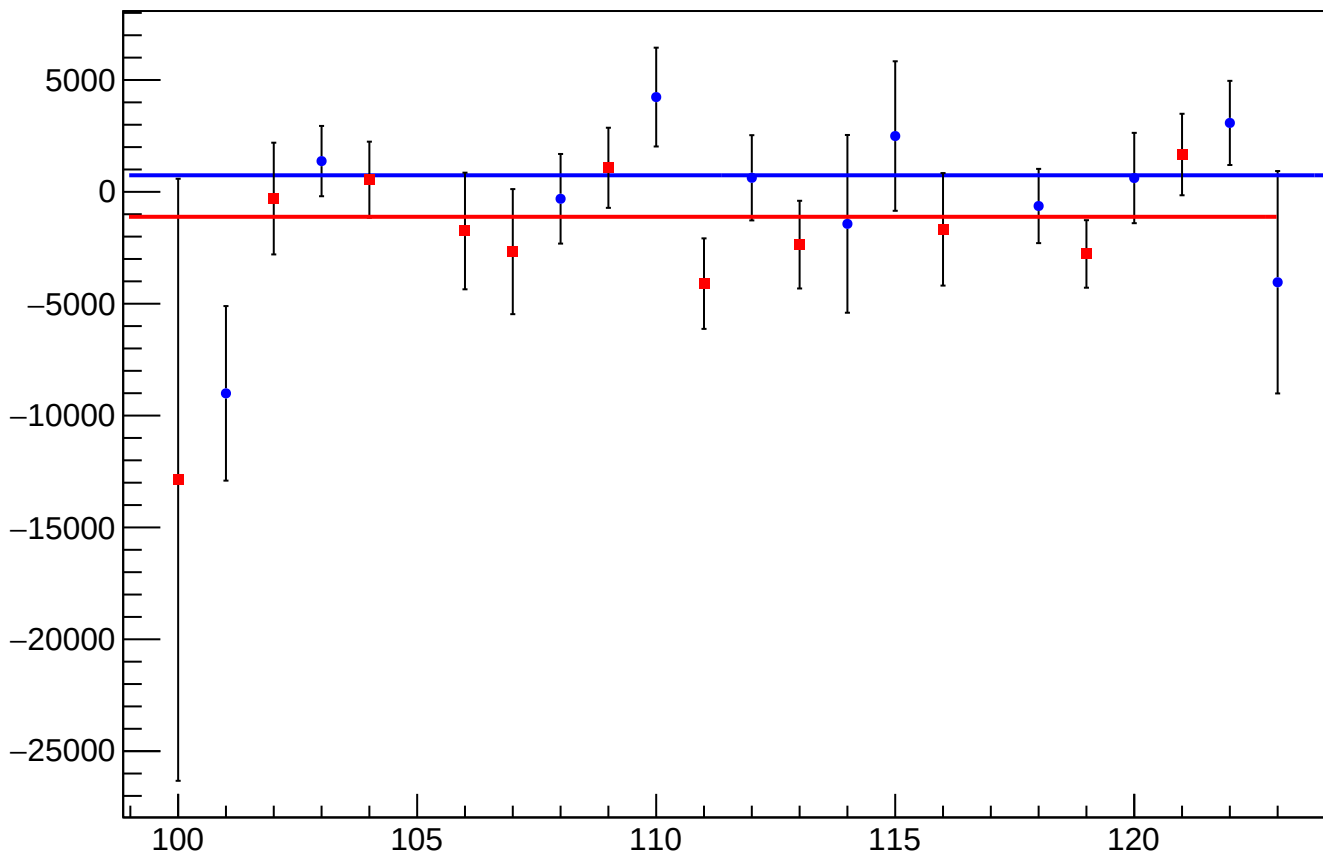
Right: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

In: 1272.055+/-0.453 χ^2/NDF : 341749.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.734+/-0.313 χ^2/NDF : 541261.2/21

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 740.543+/-661.505 χ^2 /NDF: 12.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1114.792+/-632.075 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

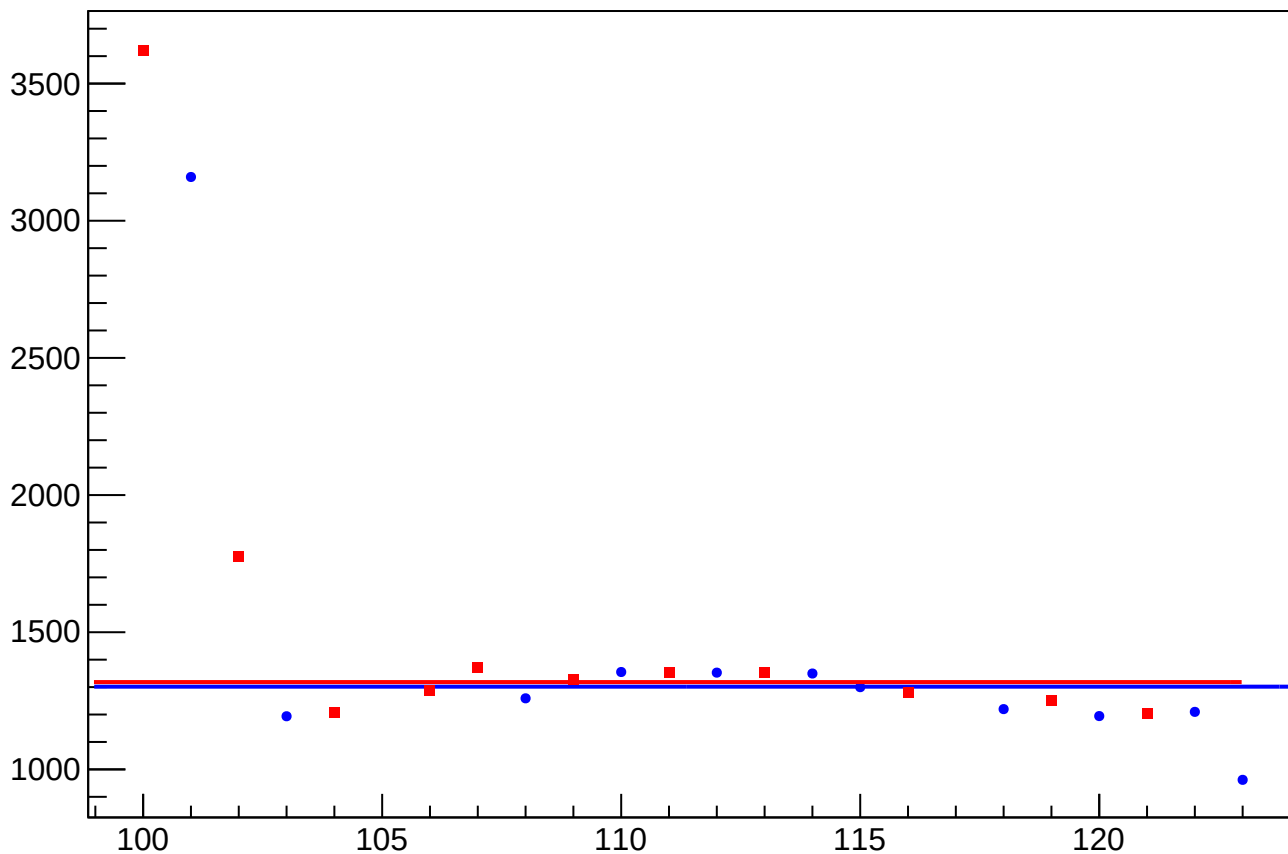
Right: -229.314+/-456.995 χ^2 /NDF: 26.9/21

In: 740.543+/-661.505 χ^2 /NDF:12.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -229.314+/-456.995 χ^2 /NDF: 26.9/21

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1301.575+/-0.468 χ^2/NDF : 491413.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.334+/-0.447 χ^2/NDF : 149109.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

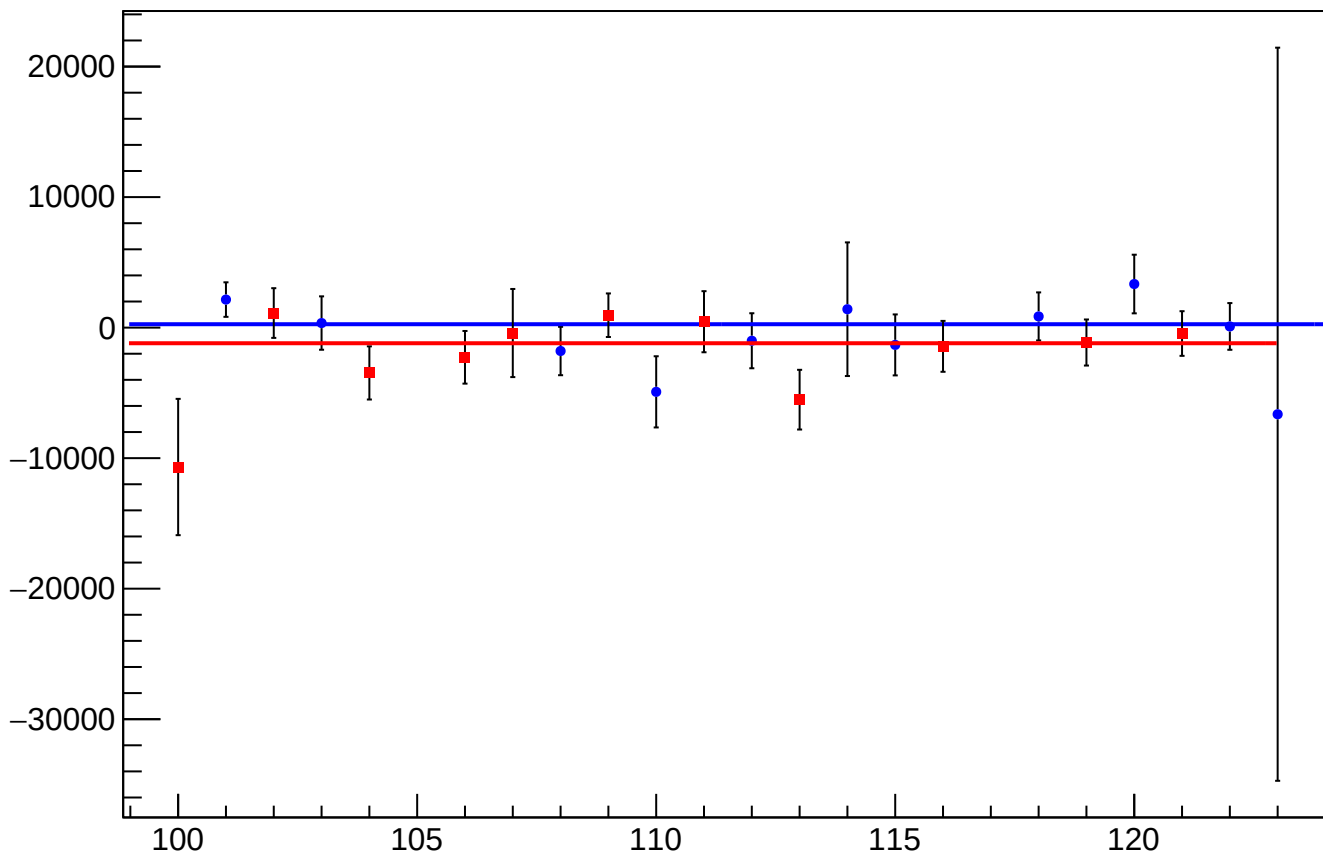
Right: 1310.336+/-0.323 χ^2/NDF : 641194.2/21

In: 1301.575+/-0.468 χ^2/NDF : 491413.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.336+/-0.323 χ^2/NDF : 641194.2/21

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 261.025+/-633.795 χ^2 /NDF: 9.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1196.081+/-626.712 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

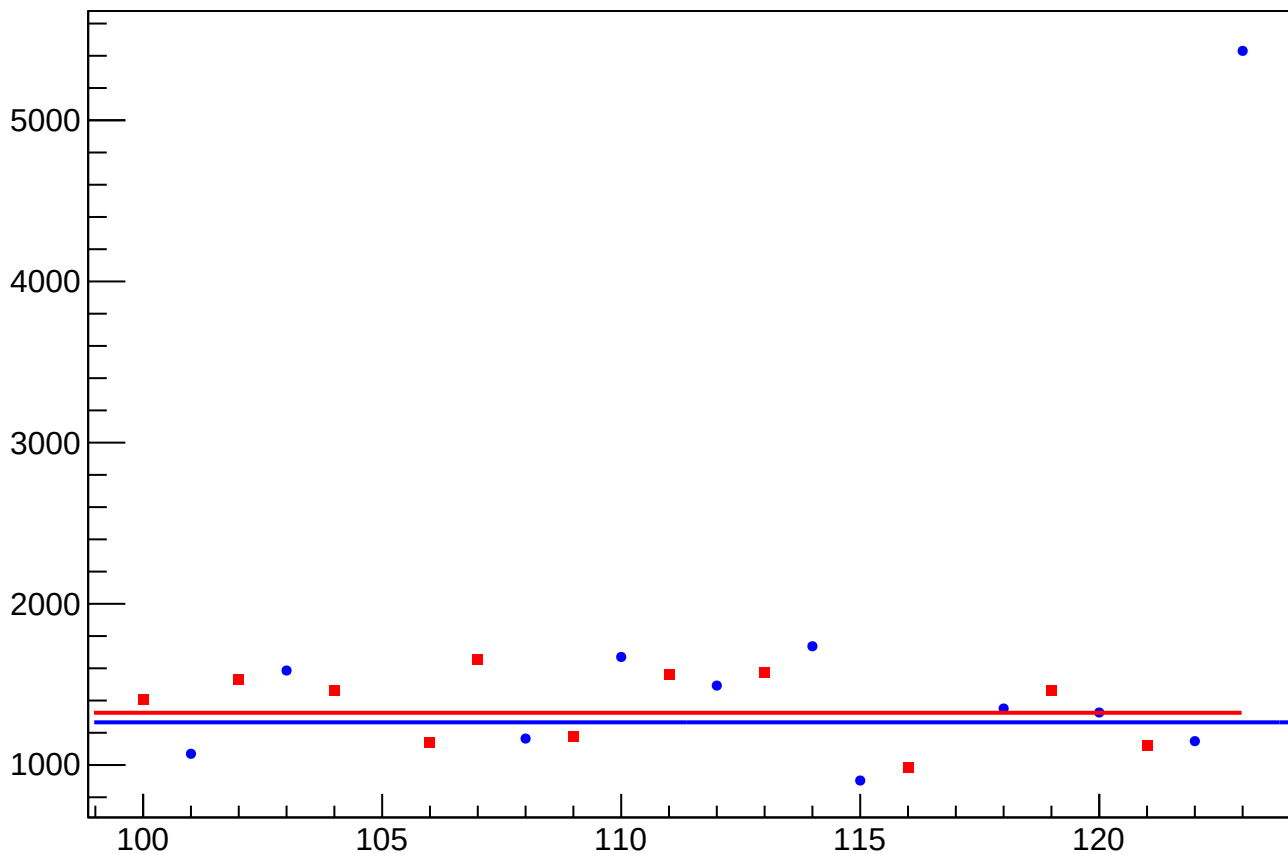
Right: -475.715+/-445.635 χ^2 /NDF: 24.8/21

In: 261.025+/-633.795 χ^2 /NDF:9.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -475.715+/-445.635 χ^2 /NDF: 24.8/21

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.808+/-0.448 χ^2/NDF : 289611.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.163+/-0.443 χ^2/NDF : 232566.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

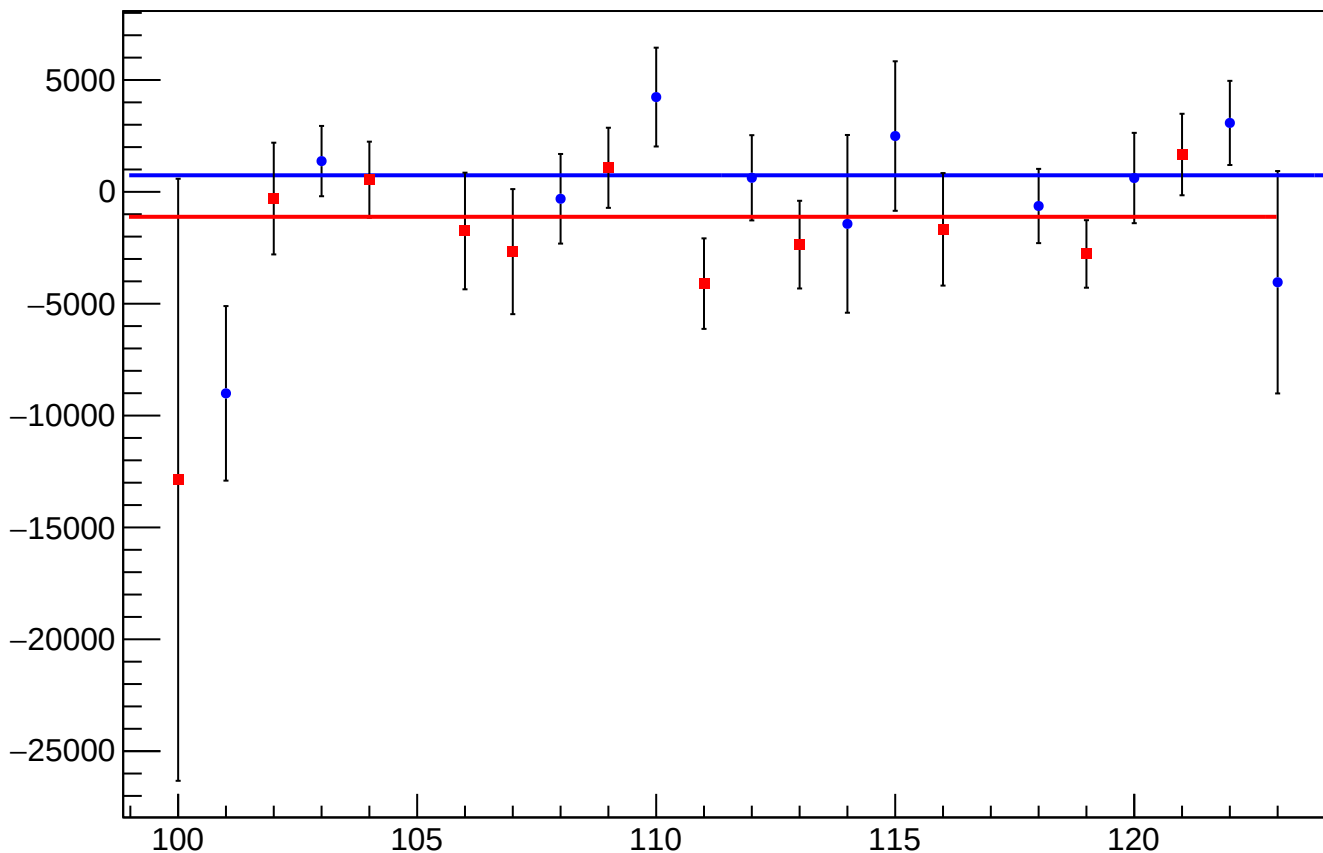
Right: 1294.819+/-0.315 χ^2/NDF : 531046.7/21

In: 1264.808+/-0.448 χ^2/NDF : 289611.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.819+/-0.315 χ^2/NDF : 531046.7/21

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 740.539+/-661.505 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1114.793+/-632.075 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

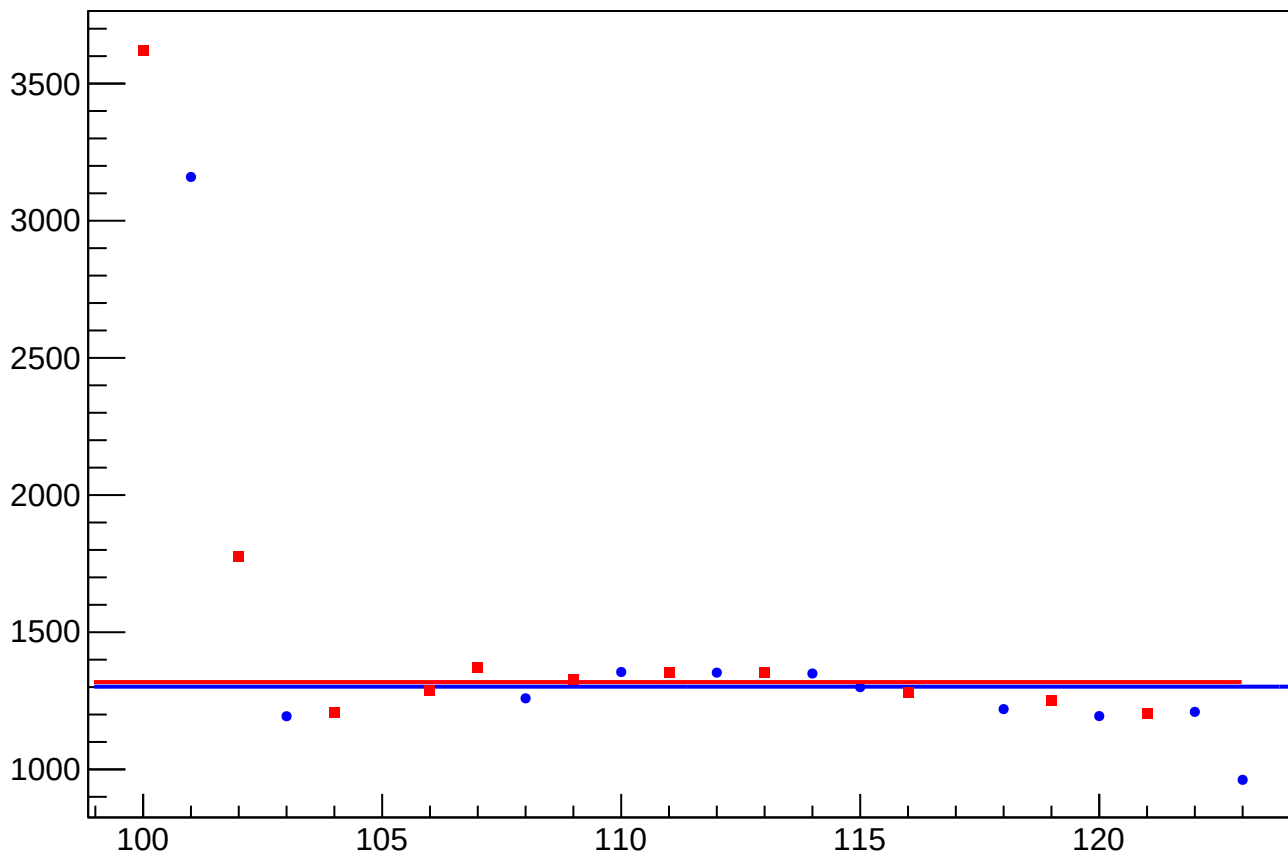
Right: -229.316+/-456.995 χ^2/NDF : 26.9/21

In: 740.539+/-661.505 χ^2/NDF : 12.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.316+/-456.995 χ^2/NDF : 26.9/21

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1301.575+/-0.468 χ^2/NDF : 491414.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.334+/-0.447 χ^2/NDF : 149109.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

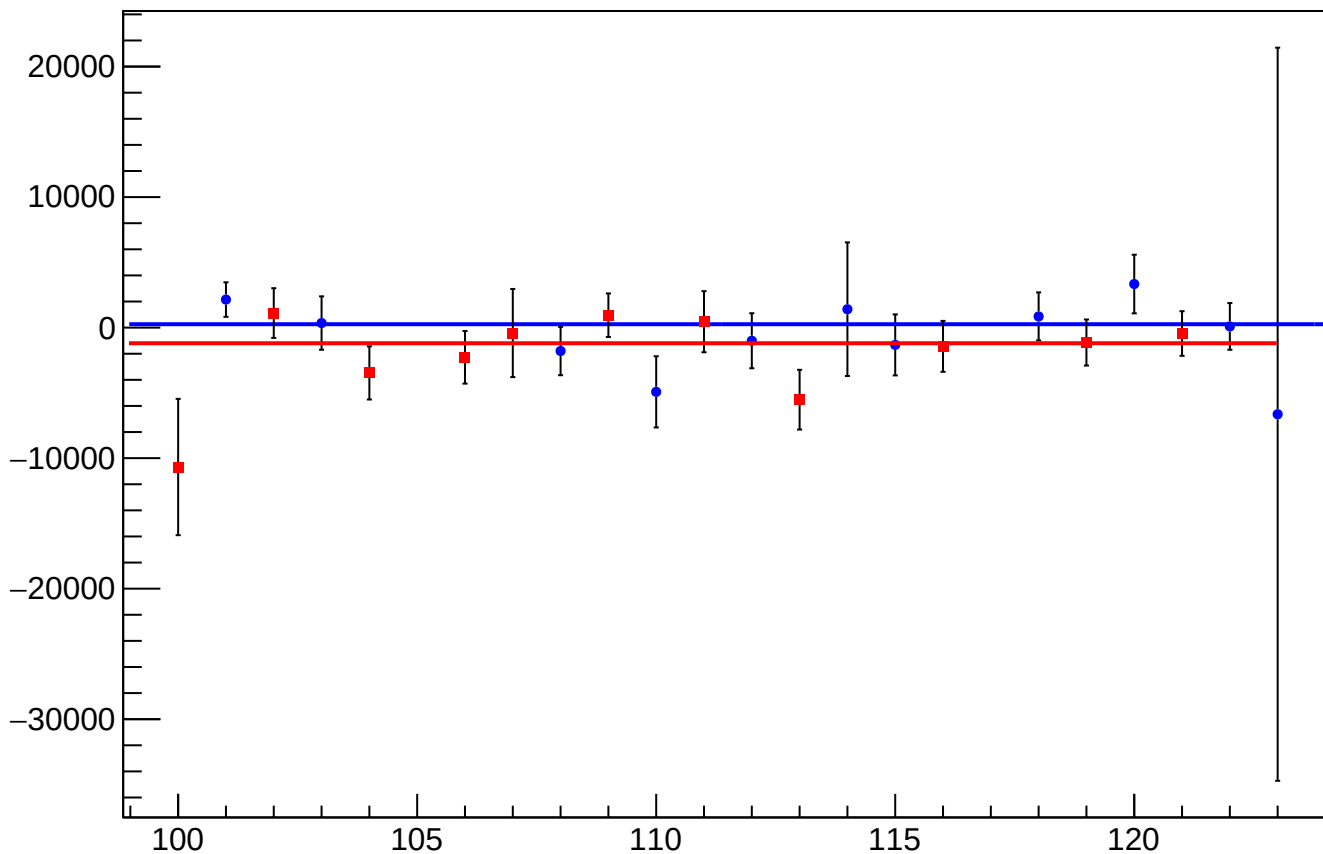
Right: 1310.335+/-0.323 χ^2/NDF : 641194.3/21

In: 1301.575+/-0.468 χ^2/NDF : 491414.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.335+/-0.323 χ^2/NDF : 641194.3/21

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 261.025+/-633.793 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1196.083+/-626.711 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

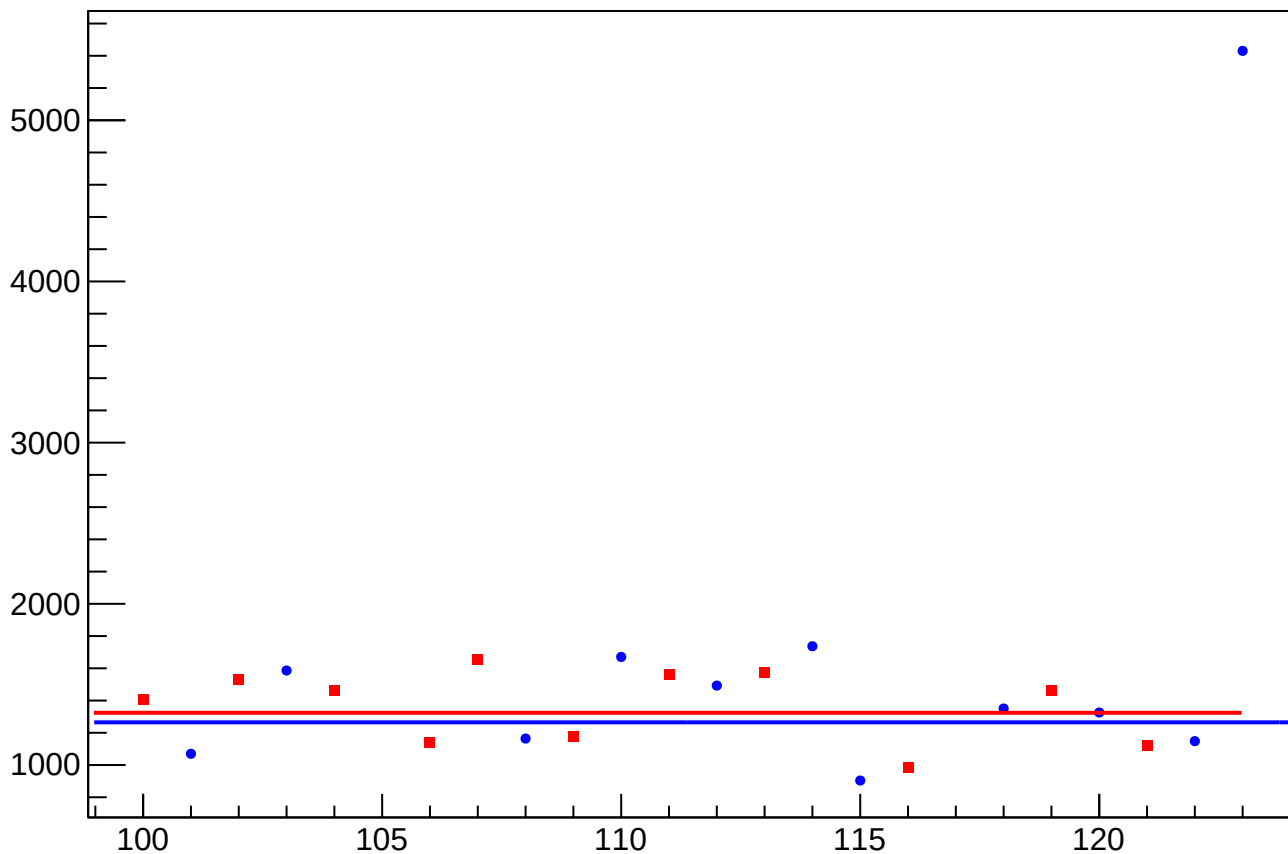
Right: -475.715+/-445.634 χ^2/NDF : 24.8/21

In: 261.025+/-633.793 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -475.715+/-445.634 χ^2/NDF : 24.8/21

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.803+/-0.448 χ^2/NDF : 289617.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.163+/-0.443 χ^2/NDF : 232567.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

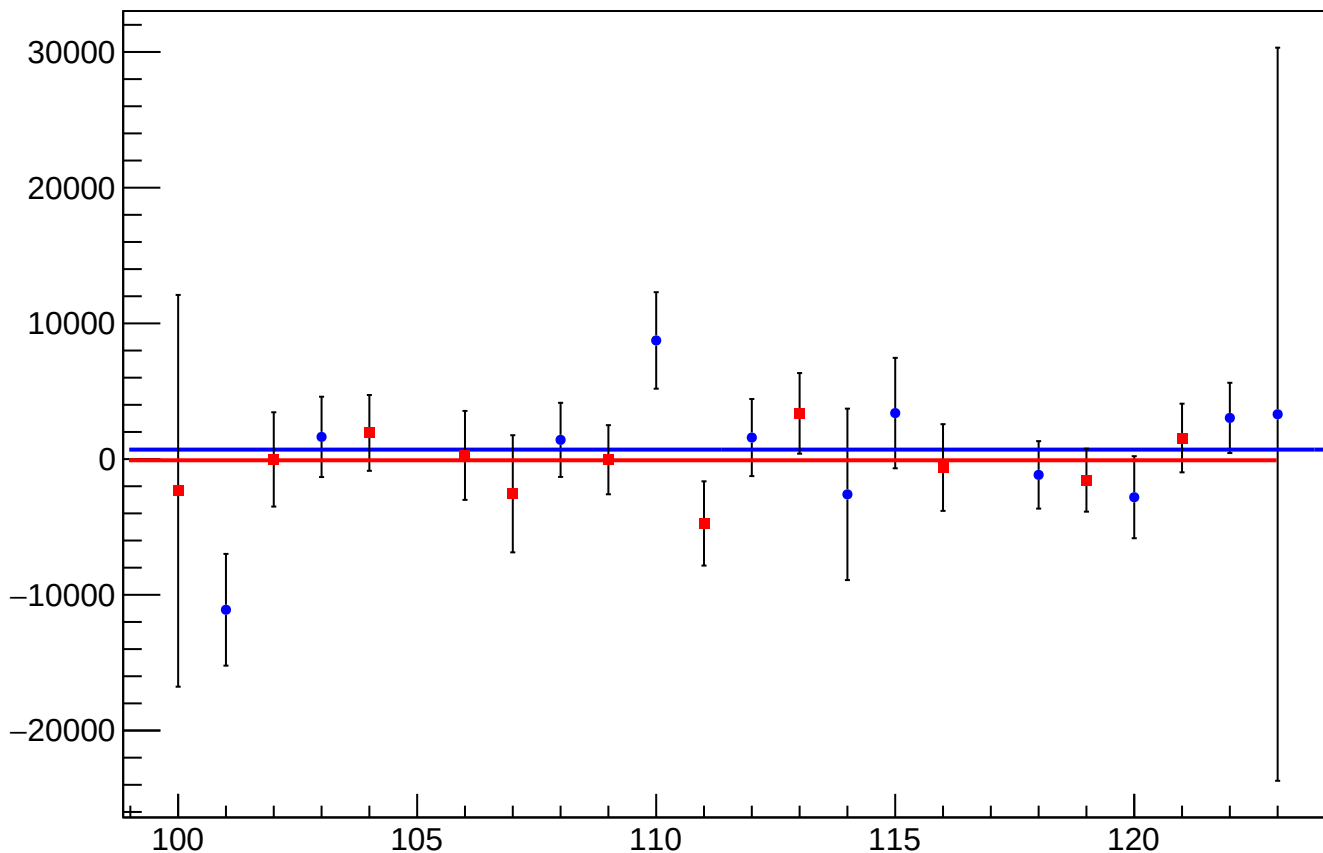
Right: 1294.817+/-0.315 χ^2/NDF : 531054.8/21

In: 1264.803+/-0.448 χ^2/NDF : 289617.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.817+/-0.315 χ^2/NDF : 531054.8/21

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 699.780+/-991.228 χ^2/NDF : 17.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.776+/-922.990 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

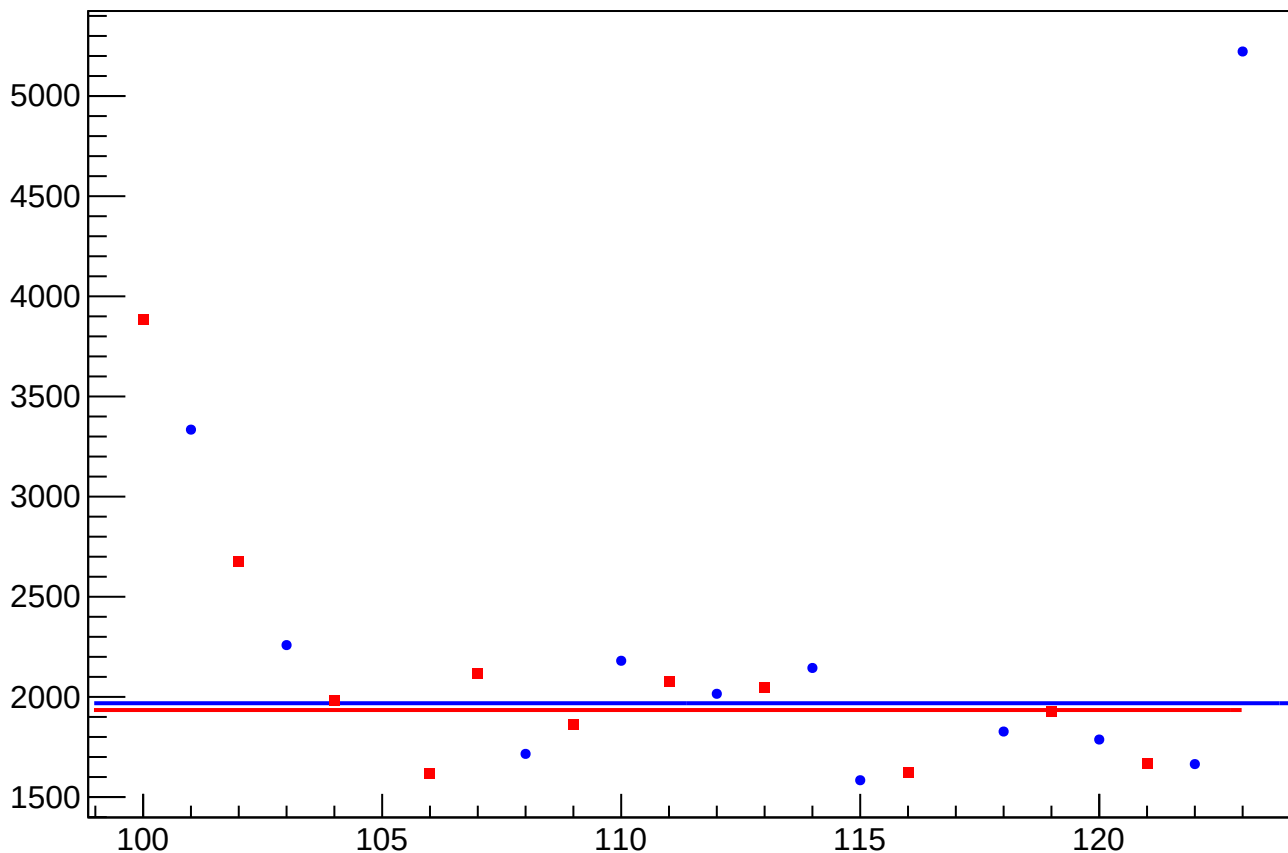
Right: 279.034+/-675.489 χ^2/NDF : 22.7/21

In: 699.780+/-991.228 χ^2/NDF : 17.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.034+/-675.489 χ^2/NDF : 22.7/21

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1968.465+/-0.701 χ^2/NDF : 353961.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.492+/-0.653 χ^2/NDF : 199953.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

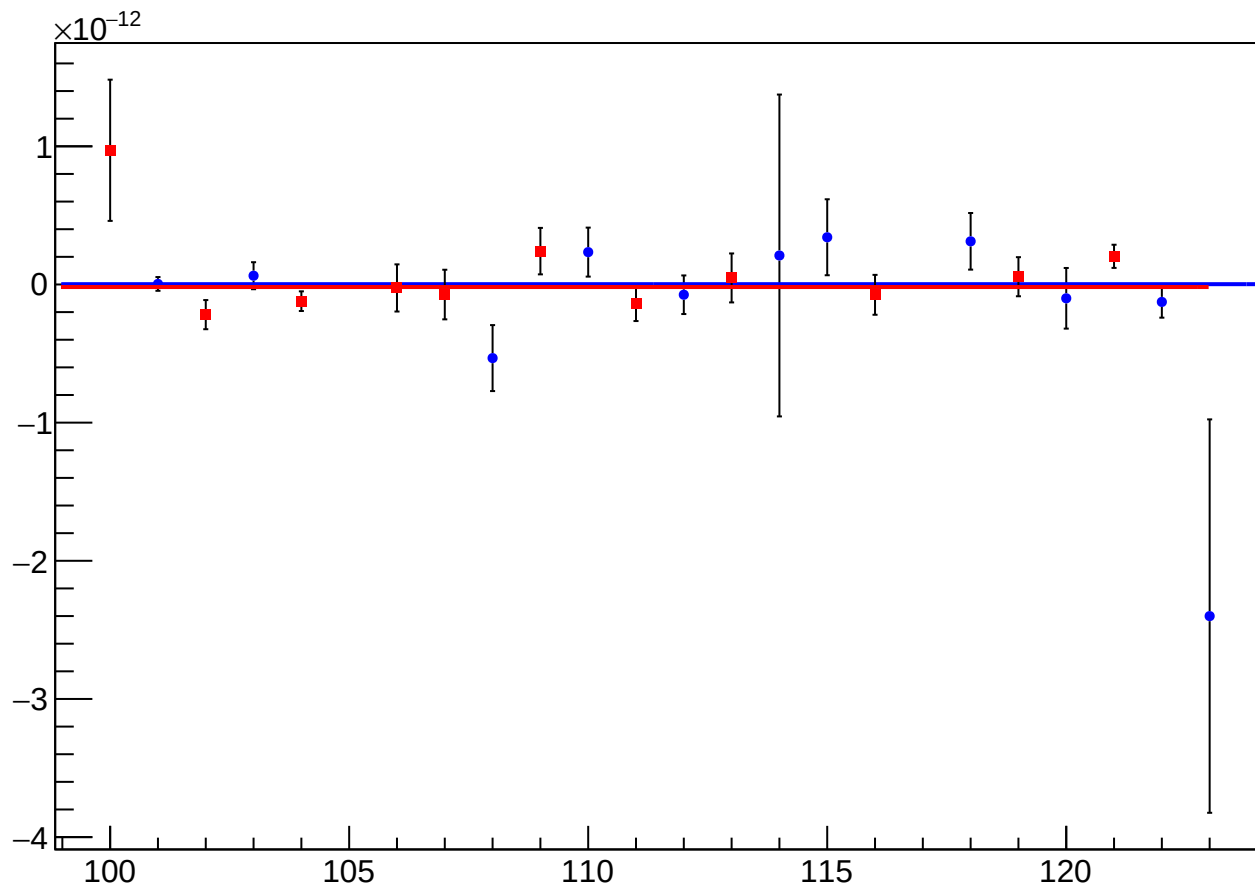
Right: 1950.269+/-0.478 χ^2/NDF : 555173.7/21

In: 1968.465+/-0.701 χ^2/NDF : 353961.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.269+/-0.478 χ^2/NDF : 555173.7/21

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

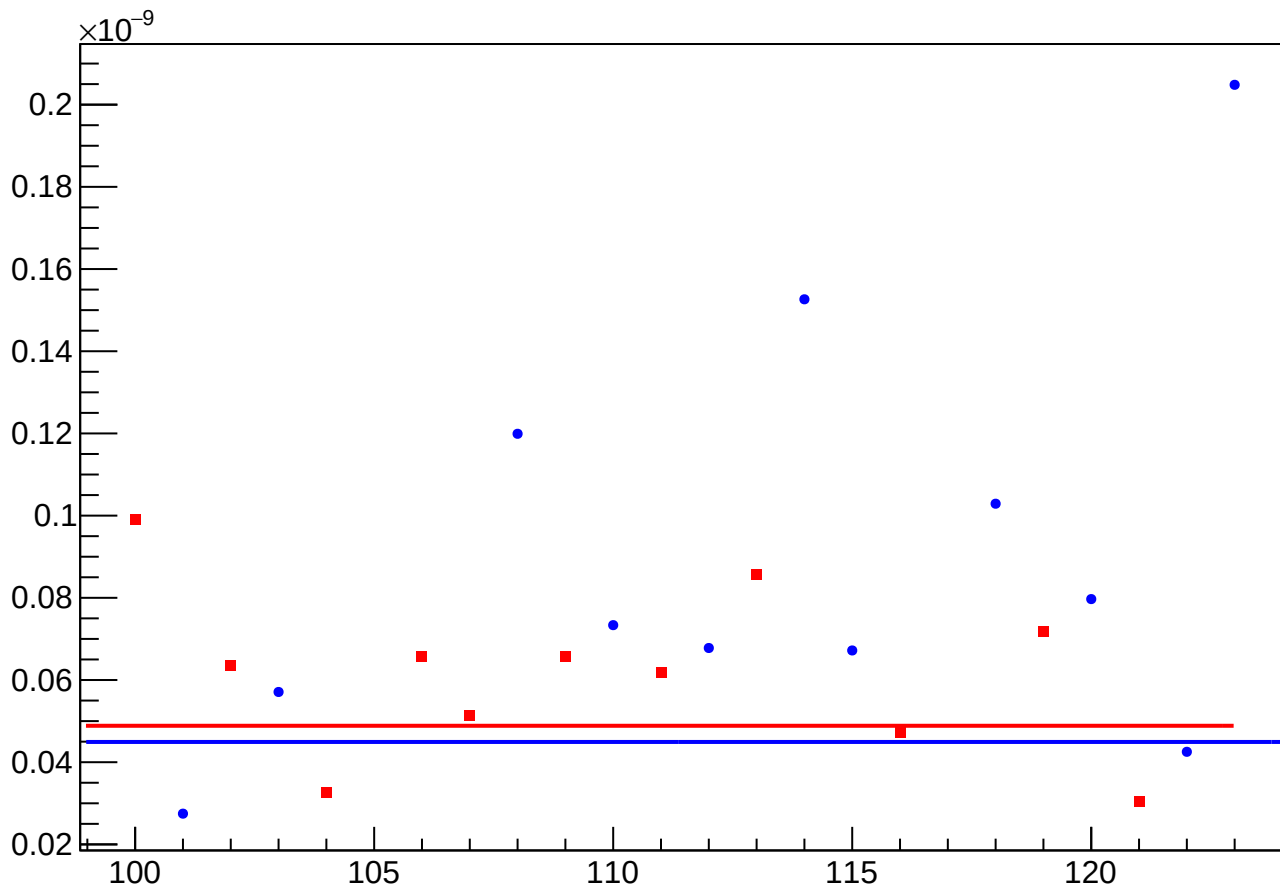
Right: -0.000+/-0.000 χ^2/NDF : 36.2/21

In: 0.000+/-0.000 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/21

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 845131.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 458865.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

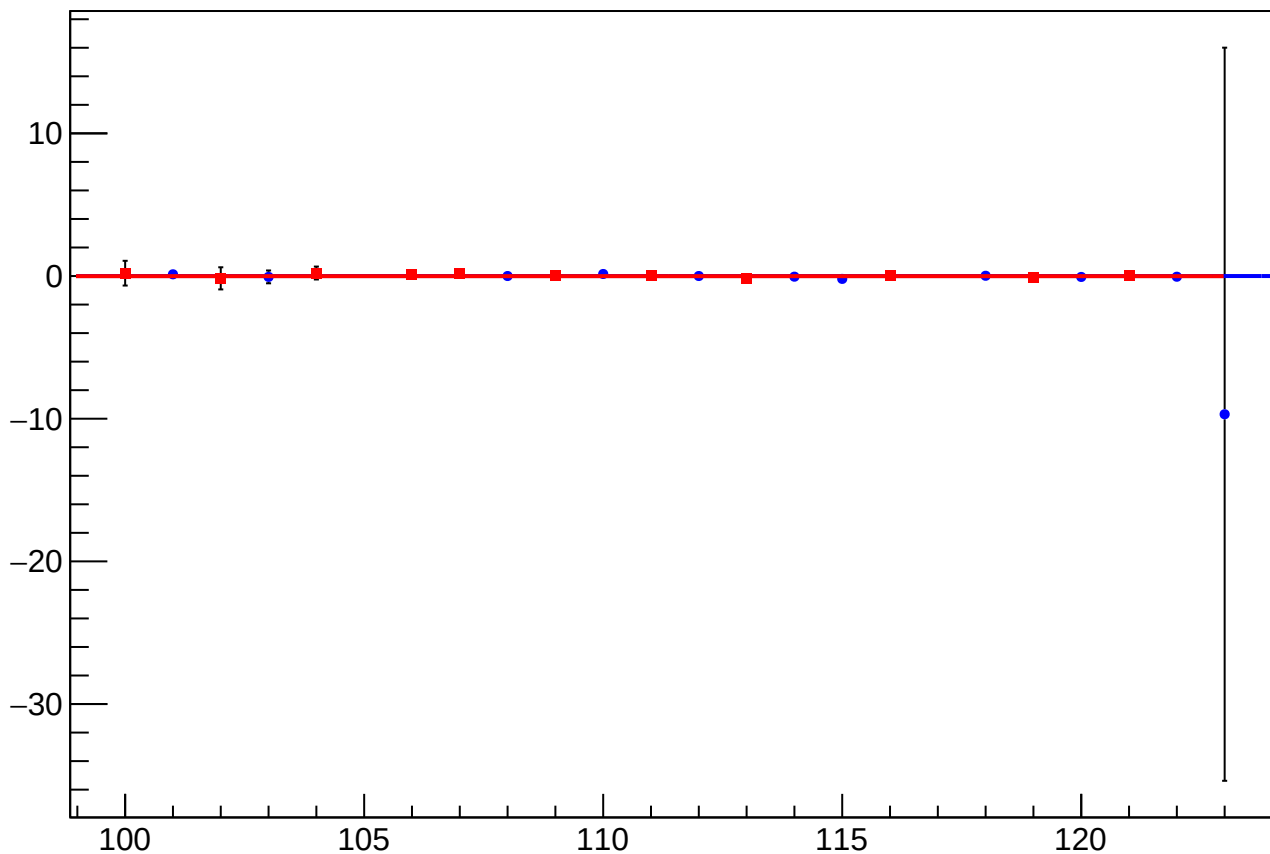
Right: 0.000+/-0.000 χ^2/NDF : 1315402.7/21

In: 0.000+/-0.000 χ^2/NDF : 845131.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1315402.7/21

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

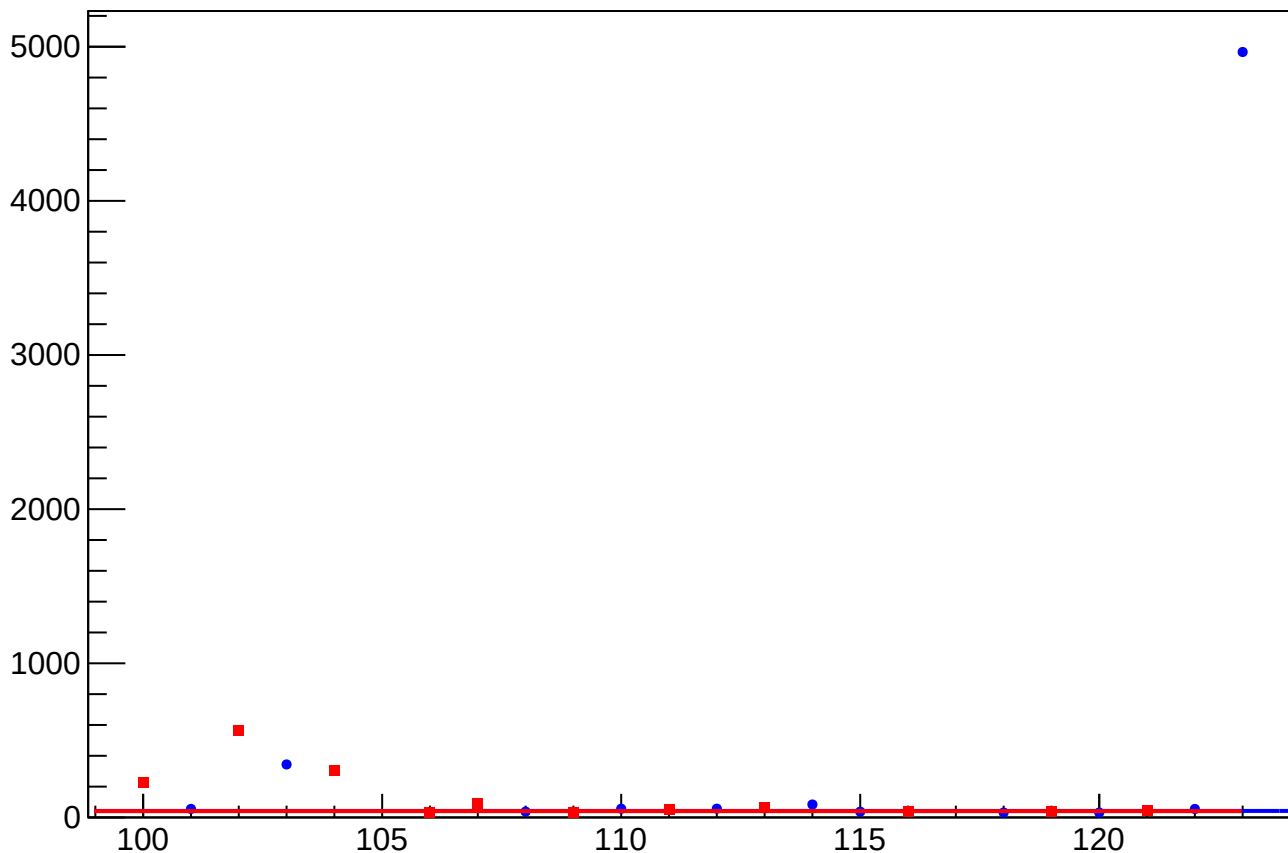
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.948+/-0.017 χ^2/NDF : 2077085.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

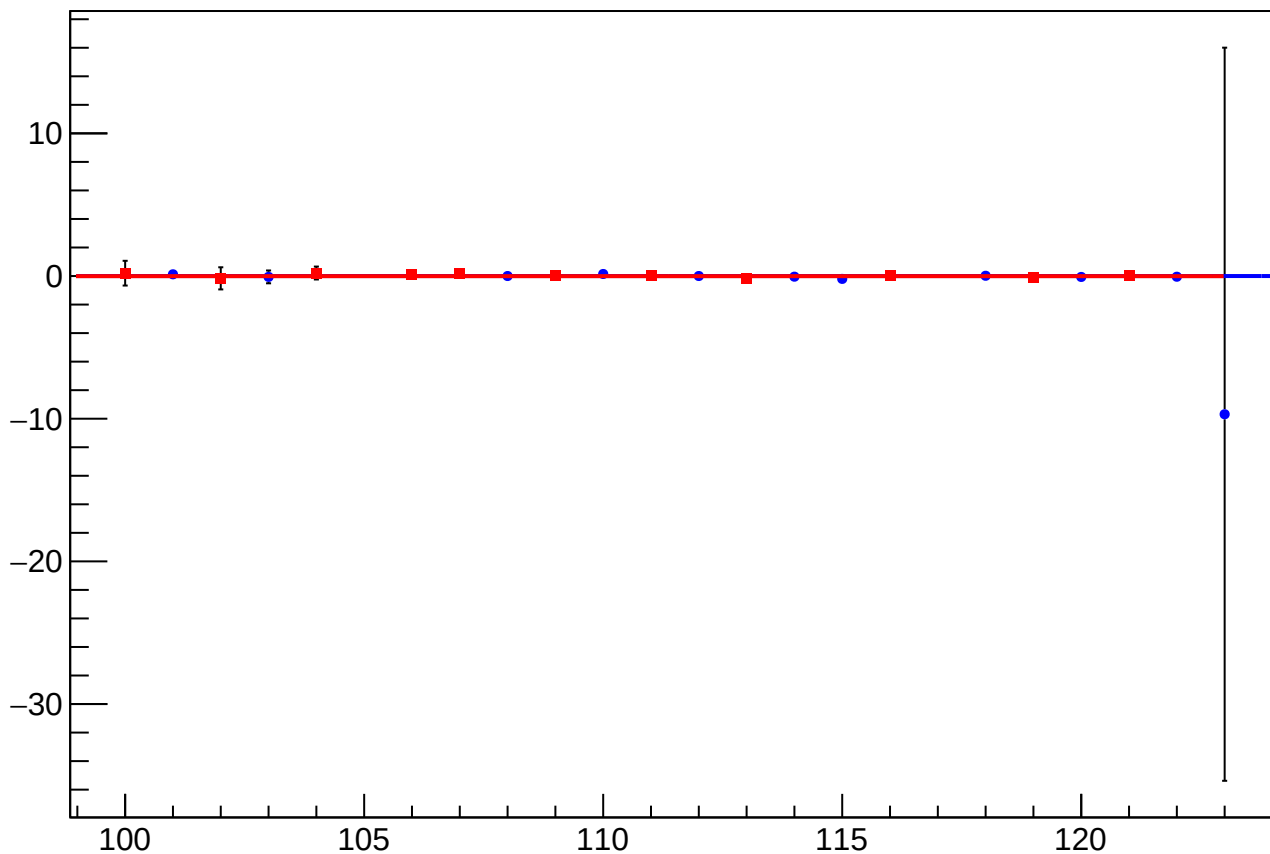
Right: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

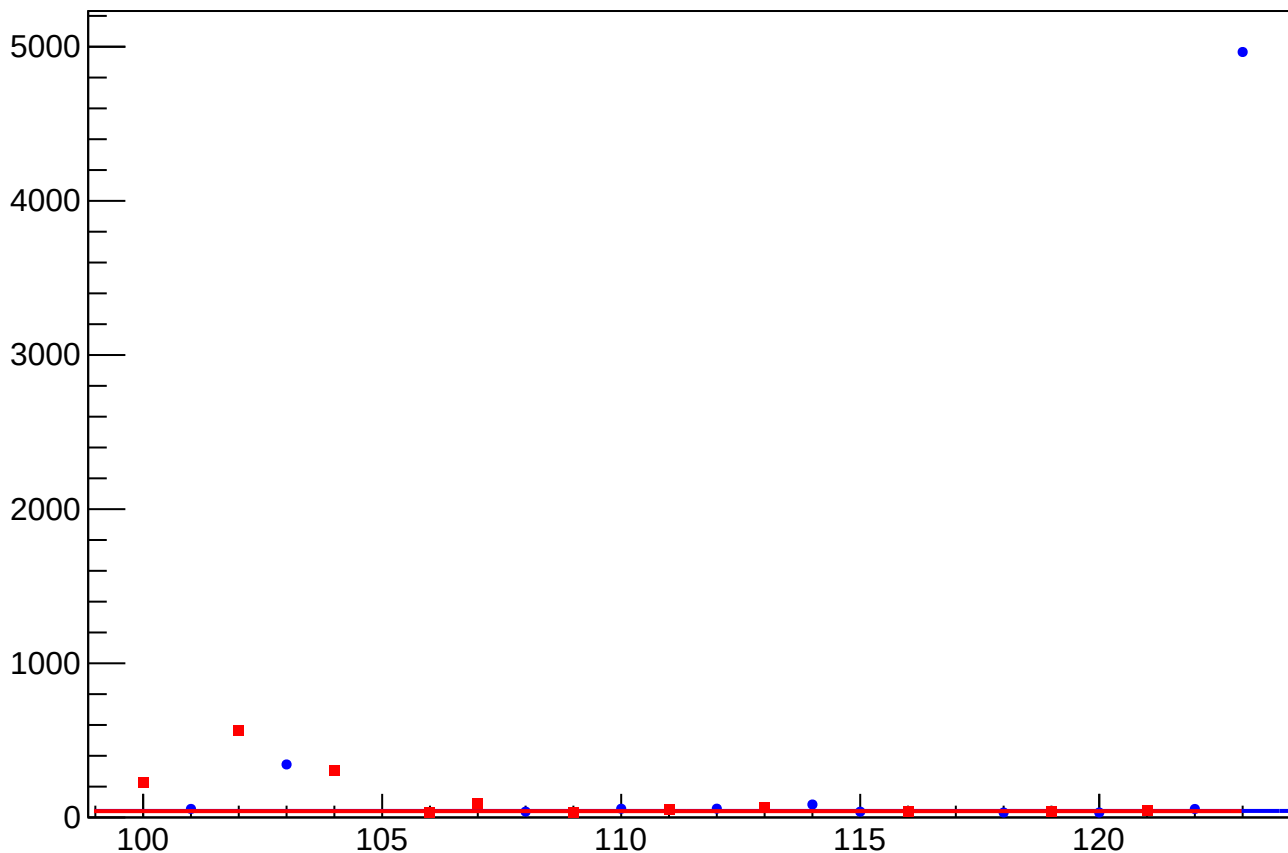
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.948+/-0.017 χ^2/NDF : 2077085.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

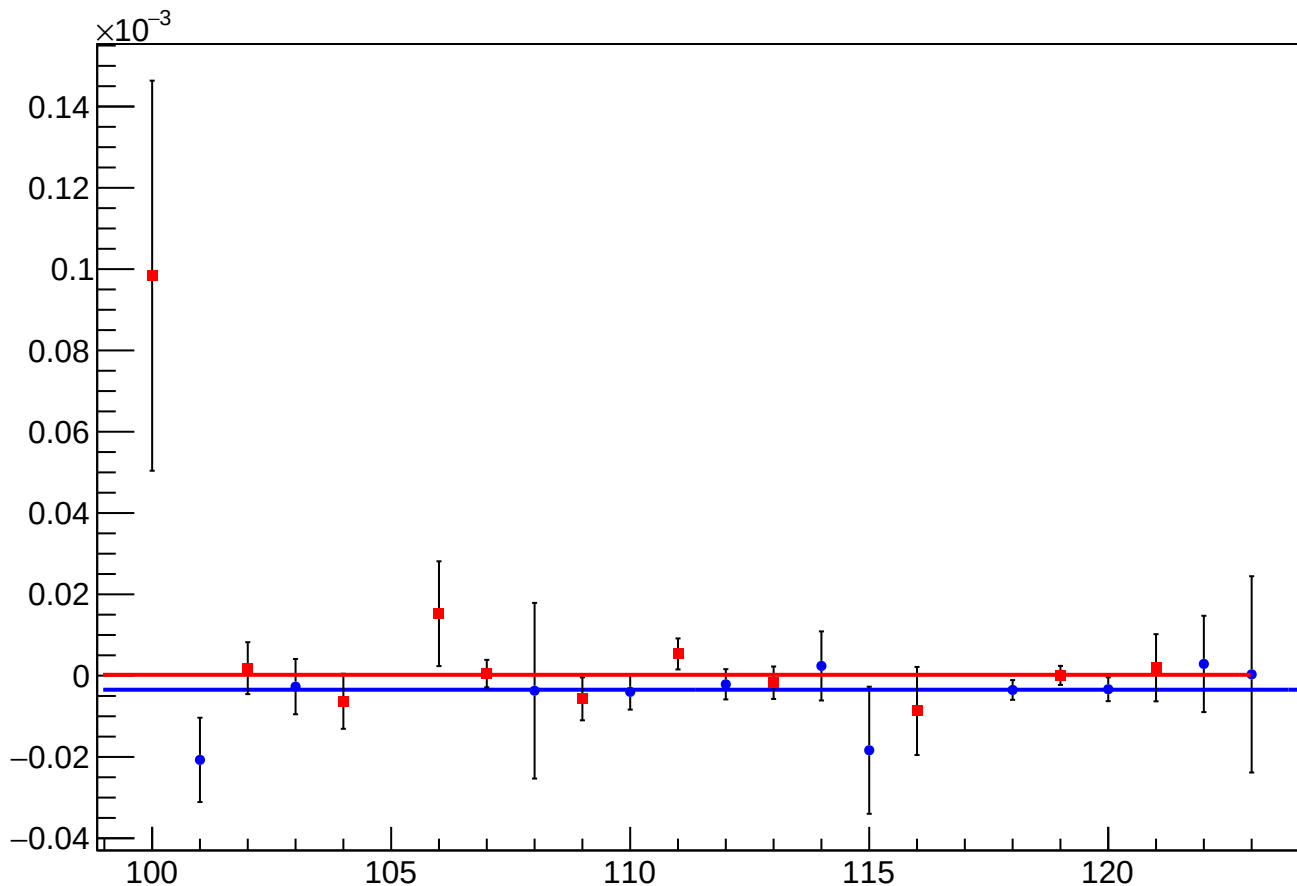
Right: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

In: 42.299+/-0.017 χ^2/NDF : 1417132.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497352.5/21

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 : 4.6/10

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

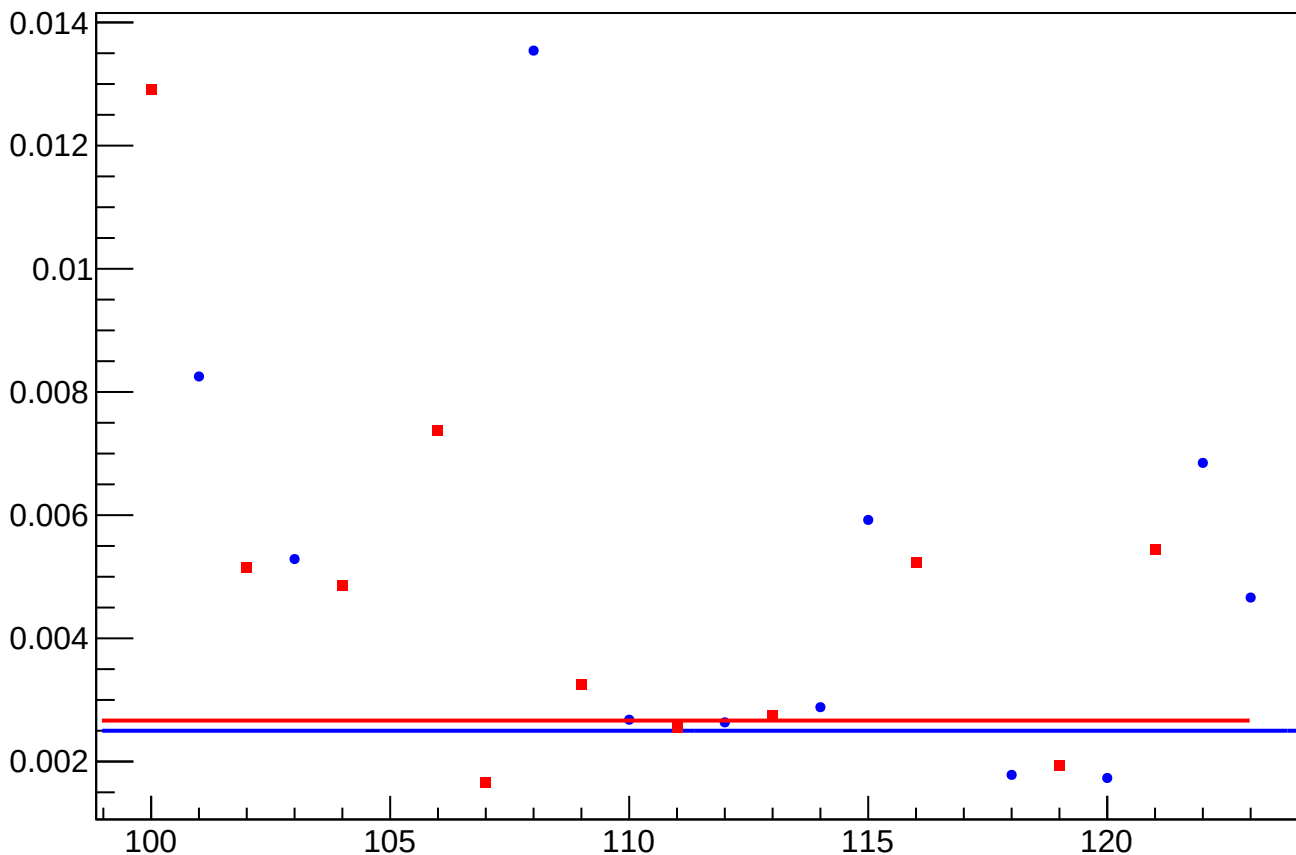
Right: -0.000+/-0.000 χ^2/NDF : 18.5/21

In: -0.000+/-0.000 χ^2/NDF : 4.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/21

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 : 2176950.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1610469.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

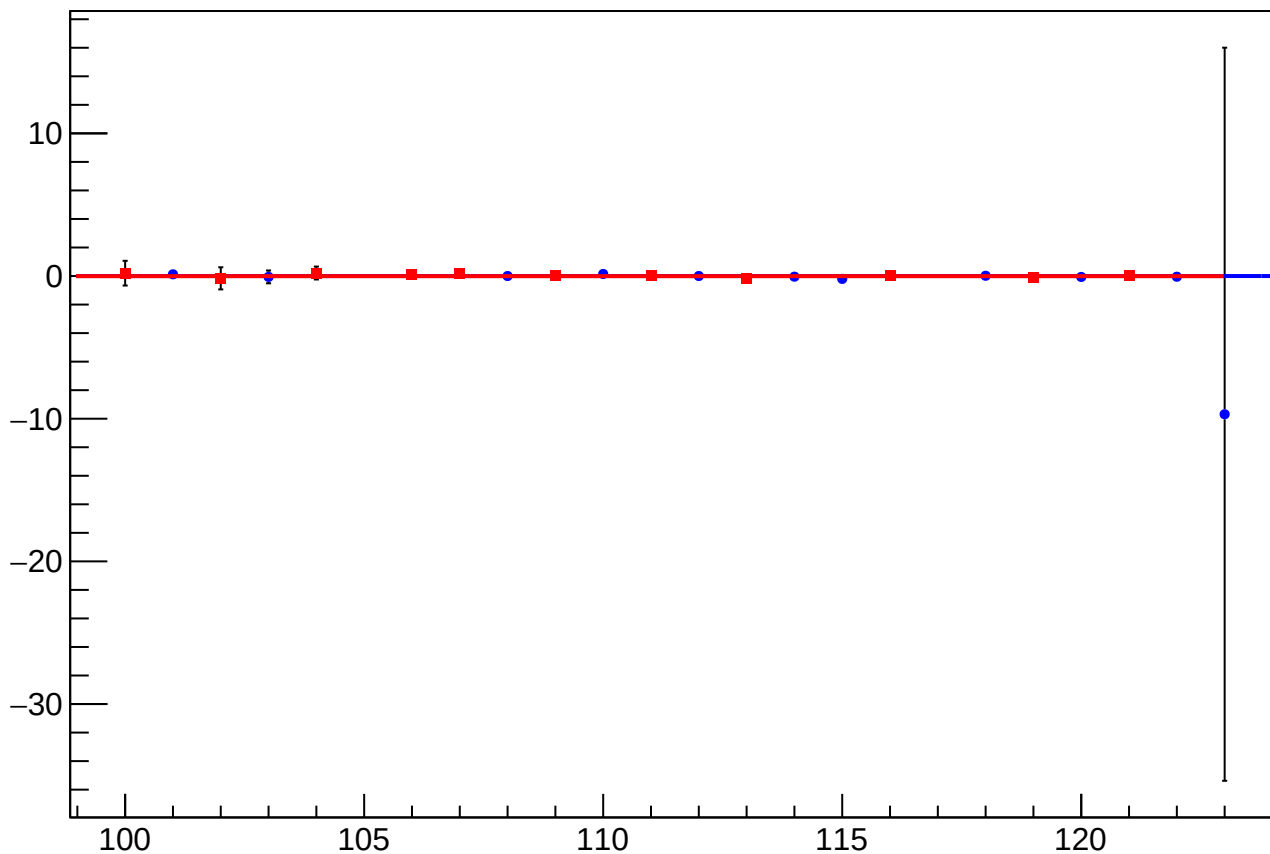
Right: 0.003+/-0.000 χ^2/NDF : 3800813.0/21

In: 0.002+/-0.000 χ^2/NDF :2176950.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3800813.0/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.024 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.024 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

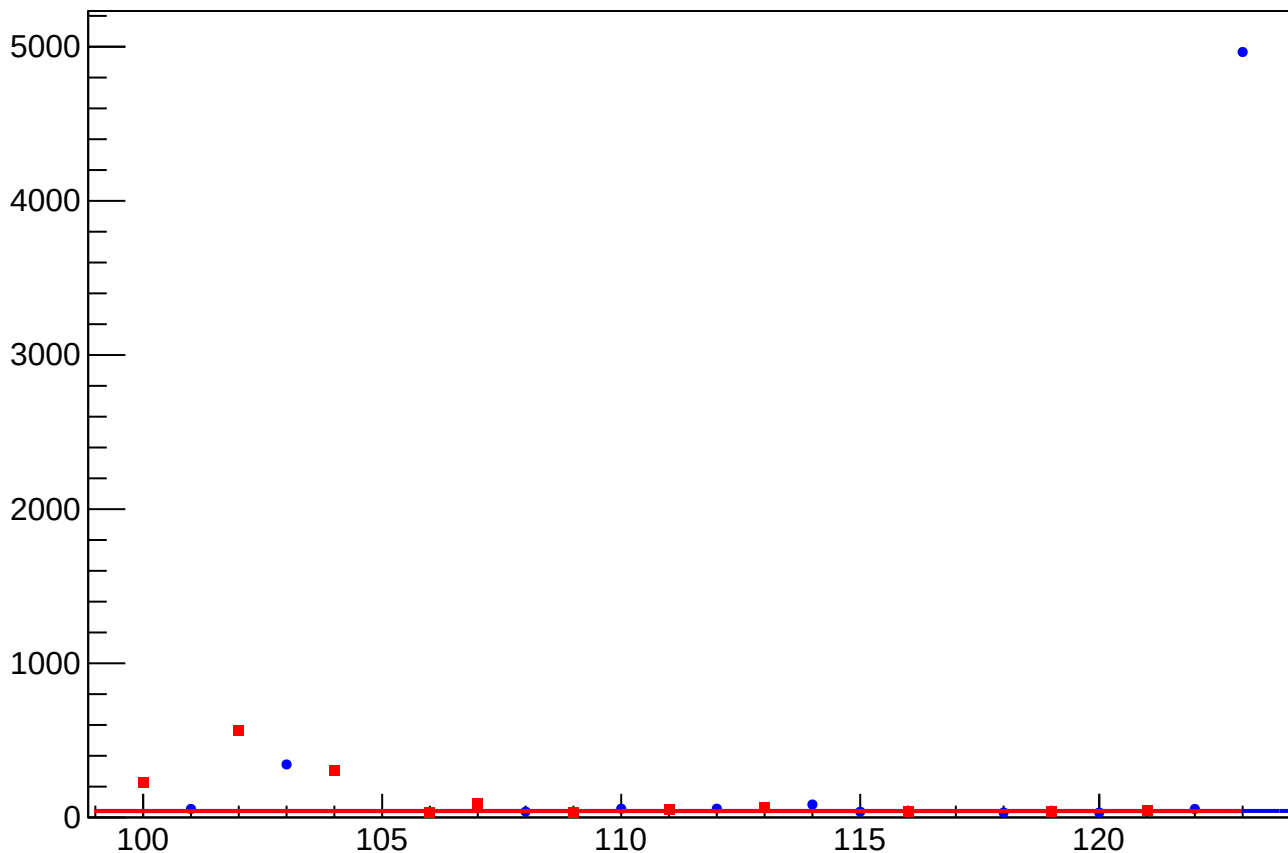
Right: -0.005 $\pm$ 0.017 χ^2 /NDF: 25.9/21

In: 0.000 $\pm$ 0.024 χ^2 /NDF:10.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.017 χ^2 /NDF: 25.9/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.947+/-0.017 χ^2/NDF : 2077131.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

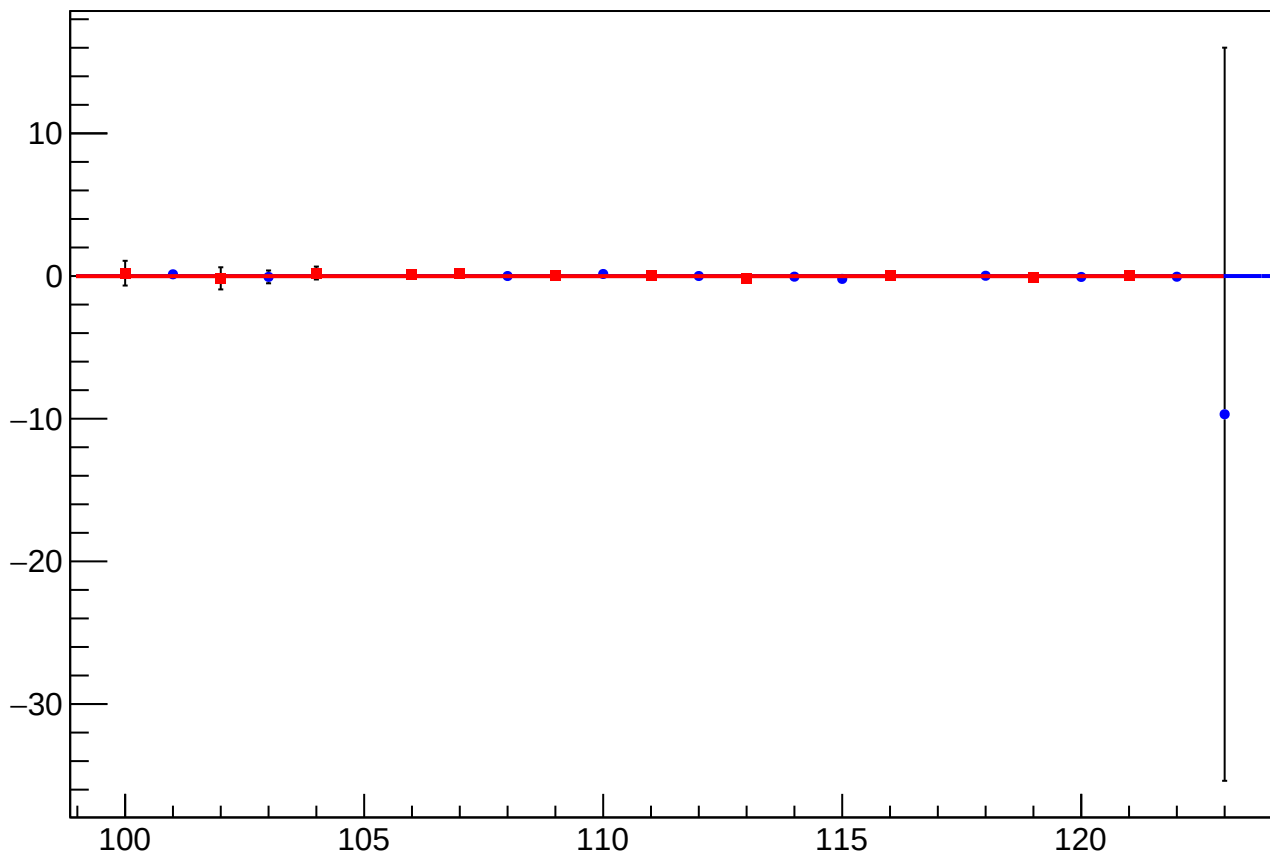
Right: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.024 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

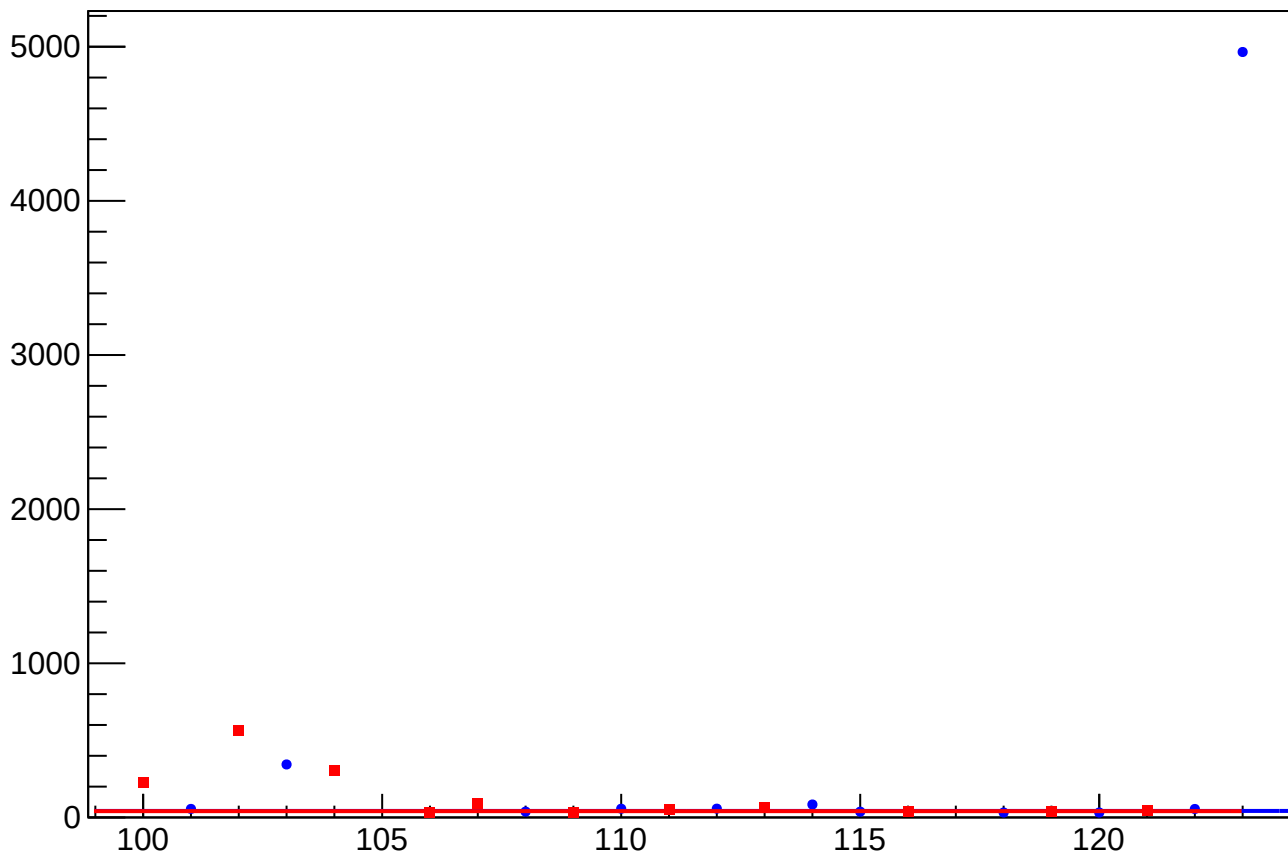
Right: -0.005+/-0.017 χ^2/NDF : 25.9/21

In: 0.000+/-0.024 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.9/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.947+/-0.017 χ^2/NDF : 2077131.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

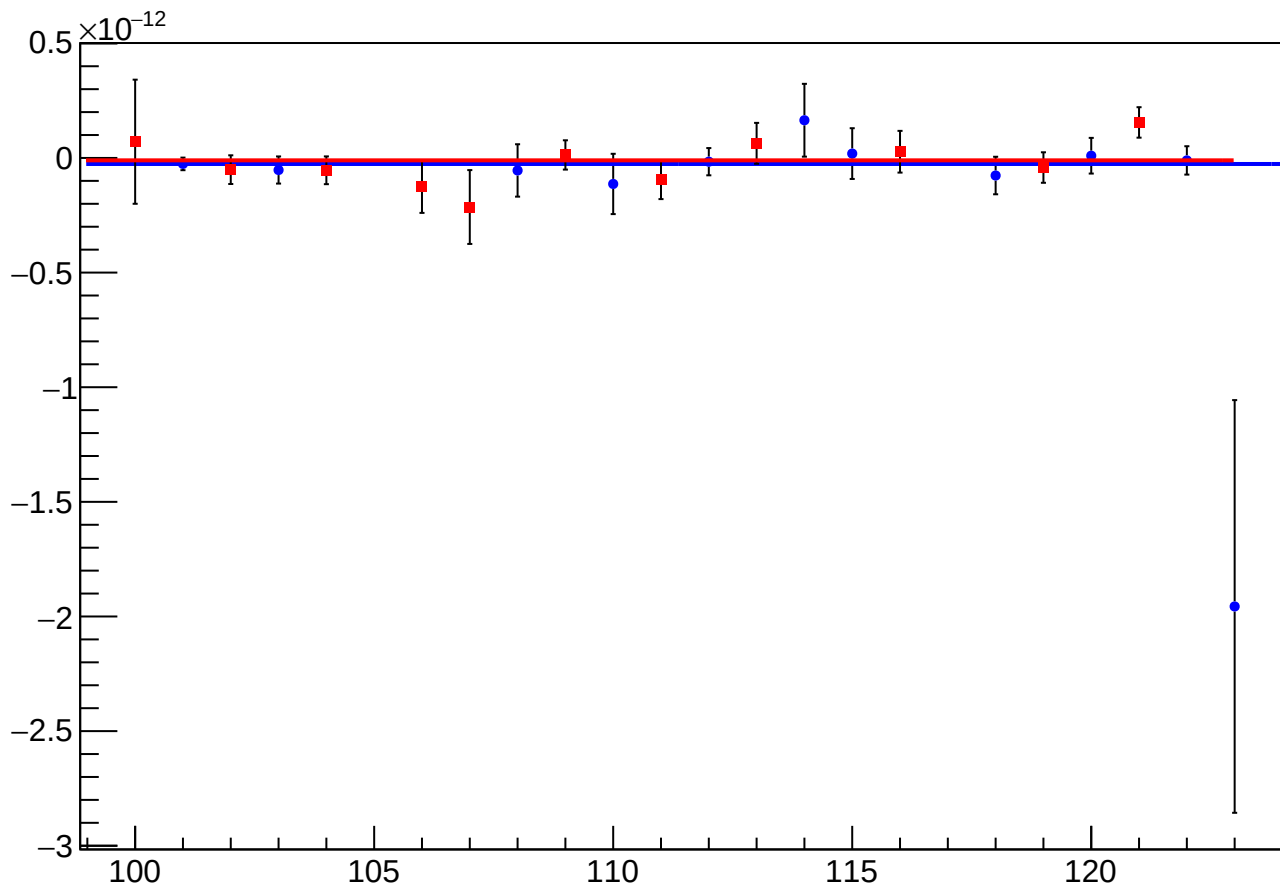
Right: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

In: 42.300+/-0.017 χ^2/NDF : 1417126.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.622+/-0.012 χ^2/NDF : 3497403.1/21

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: 7.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 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

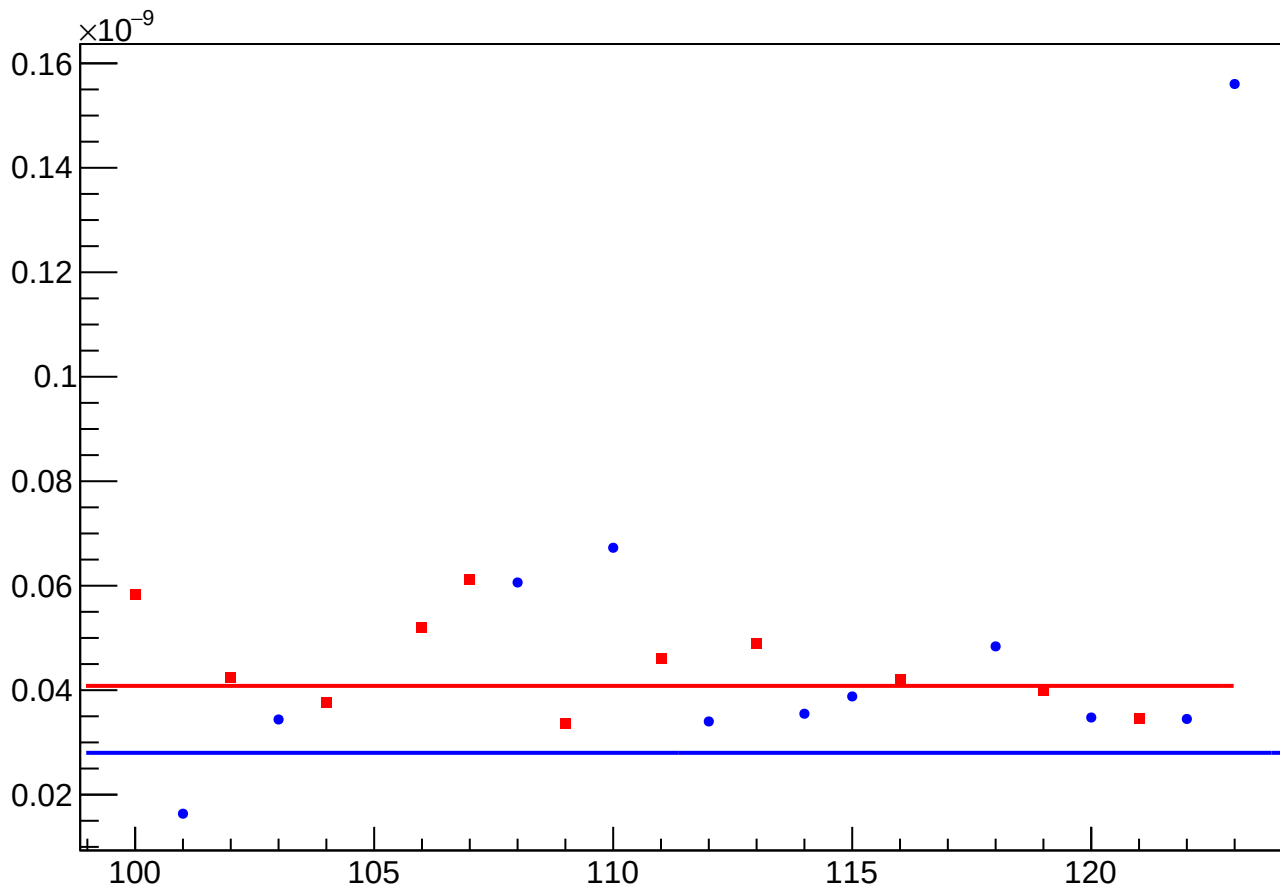
Right: -0.000+/-0.000 χ^2 /NDF: 20.0/21

In: -0.000+/-0.000 χ^2 /NDF:7.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/21

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 : 970530.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134507.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

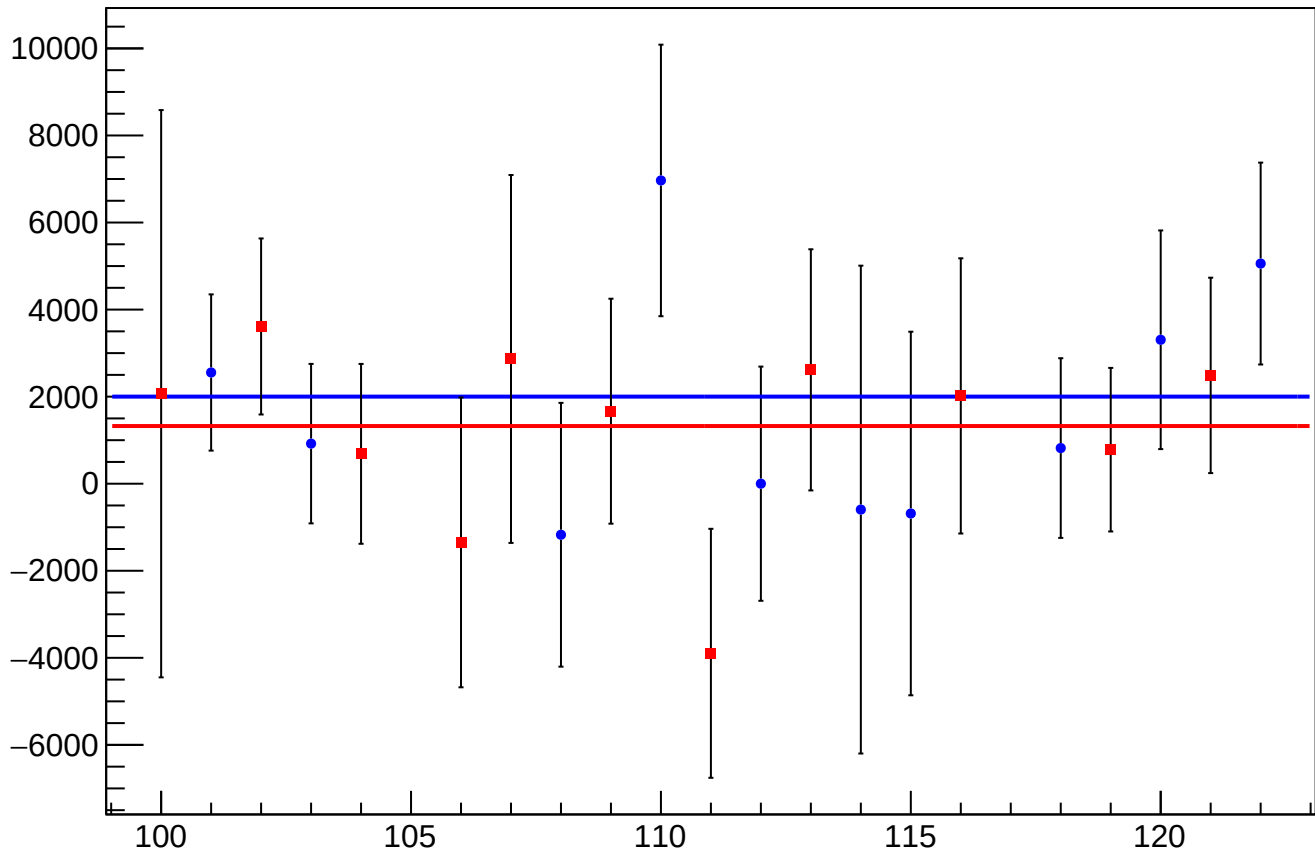
Right: 0.000+/-0.000 χ^2/NDF : 1454528.9/21

In: 0.000+/-0.000 χ^2/NDF : 970530.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1454528.9/21

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2000.659+/-784.026 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.740+/-782.590 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

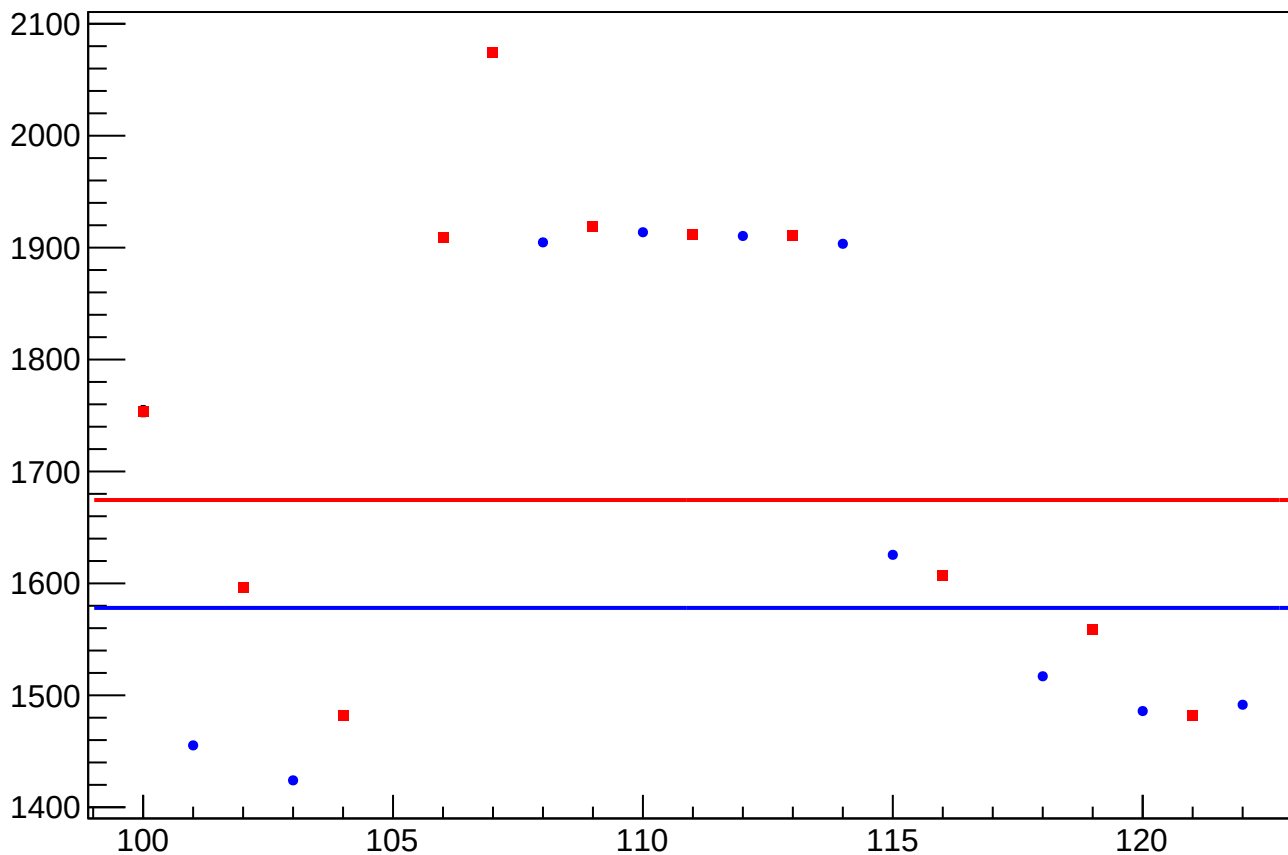
Right: 1662.080+/-553.882 χ^2/NDF : 14.1/20

In: 2000.659+/-784.026 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.080+/-553.882 χ^2/NDF : 14.1/20

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1578.098+/-0.554 χ^2/NDF : 114664.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1674.499+/-0.553 χ^2/NDF : 118008.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

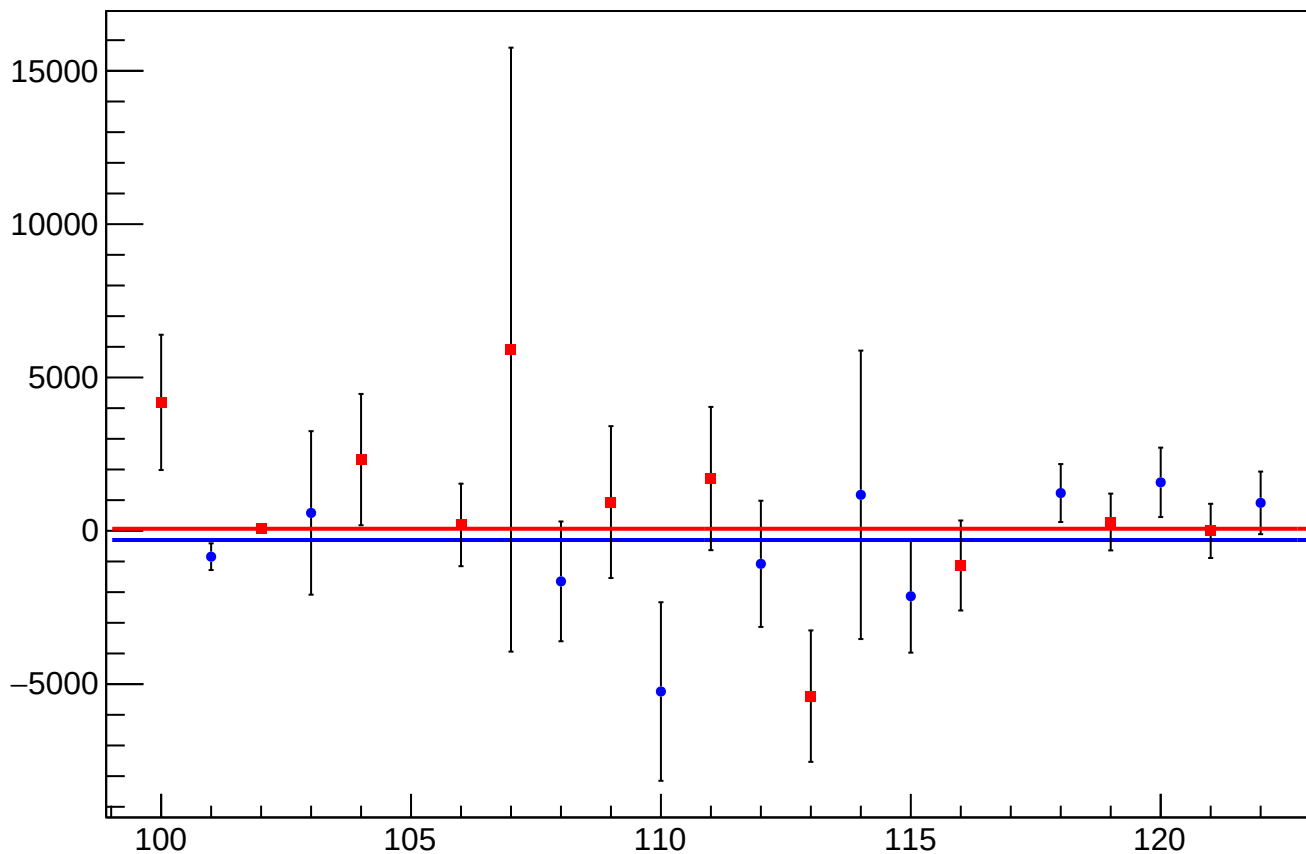
Right: 1626.387+/-0.392 χ^2/NDF : 247819.2/20

In: 1578.098+/-0.554 χ^2/NDF : 114664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.387+/-0.392 χ^2/NDF : 247819.2/20

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -299.314+/-329.108 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.380+/-132.254 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

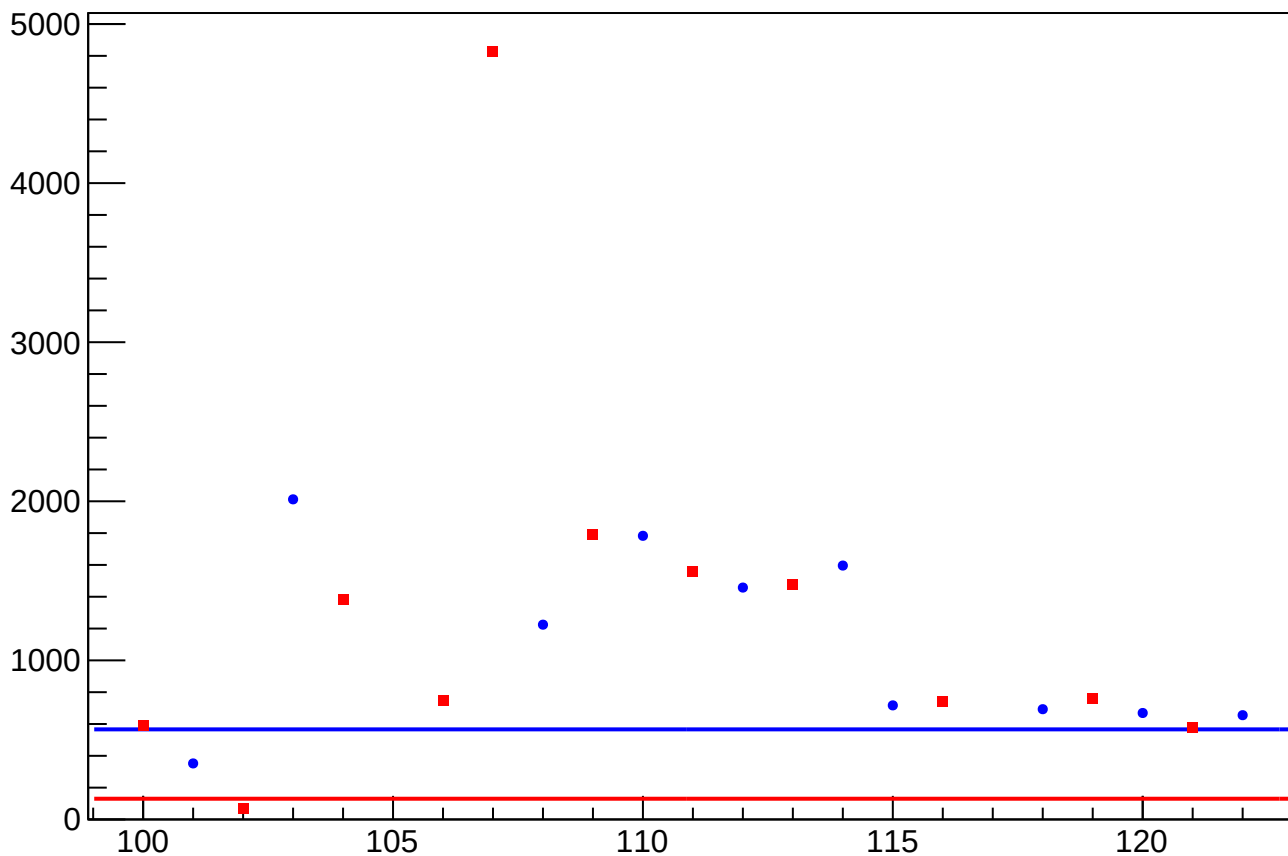
Right: 16.396+/-122.716 χ^2/NDF : 26.9/20

In: -299.314+/-329.108 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.396+/-122.716 χ^2/NDF : 26.9/20

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 566.276+/-0.233 χ^2/NDF : 2200618.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.268+/-0.094 χ^2/NDF : 6270717.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

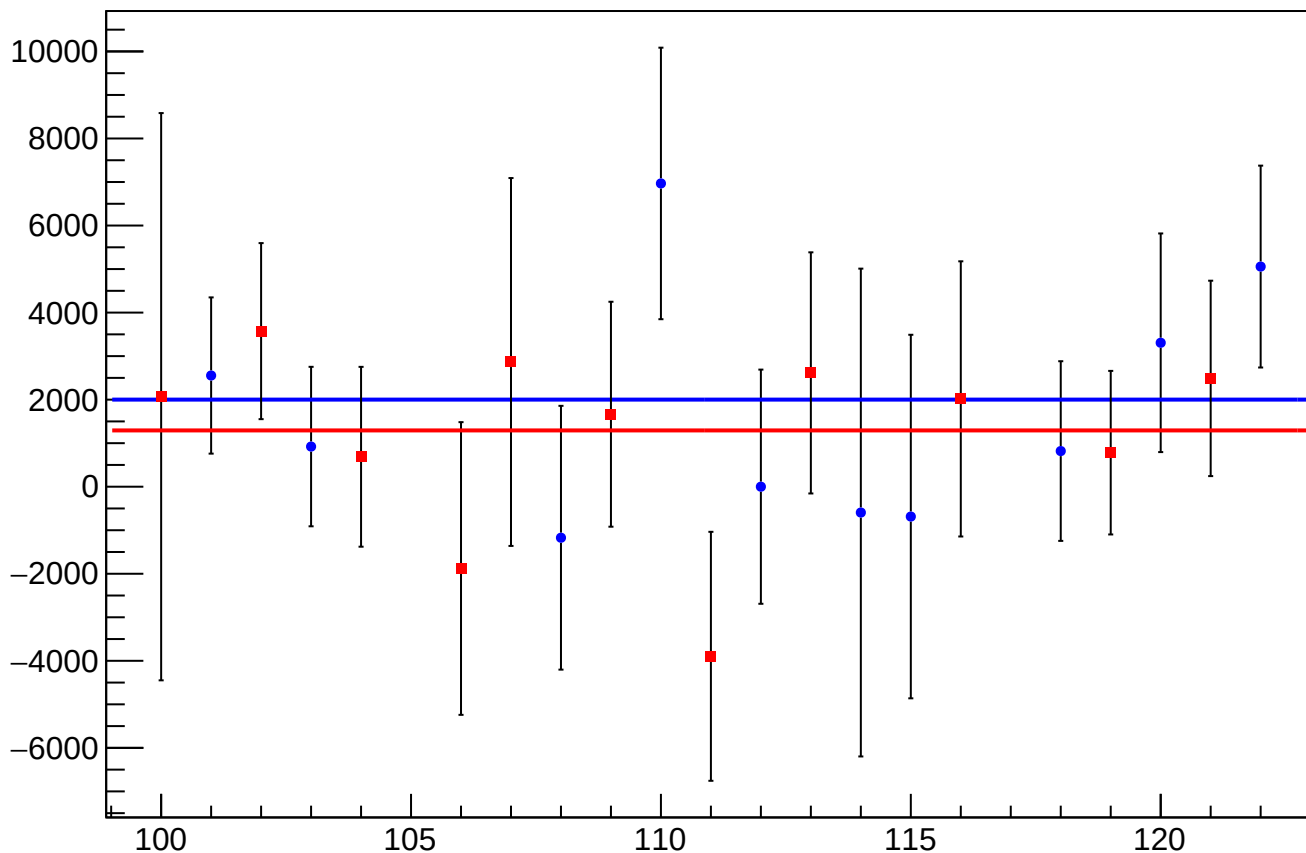
Right: 190.889+/-0.087 χ^2/NDF : 11493554.6/20

In: 566.276+/-0.233 χ^2/NDF :2200618.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.889+/-0.087 χ^2/NDF : 11493554.6/20

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2000.899+/-784.026 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.959+/-783.019 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

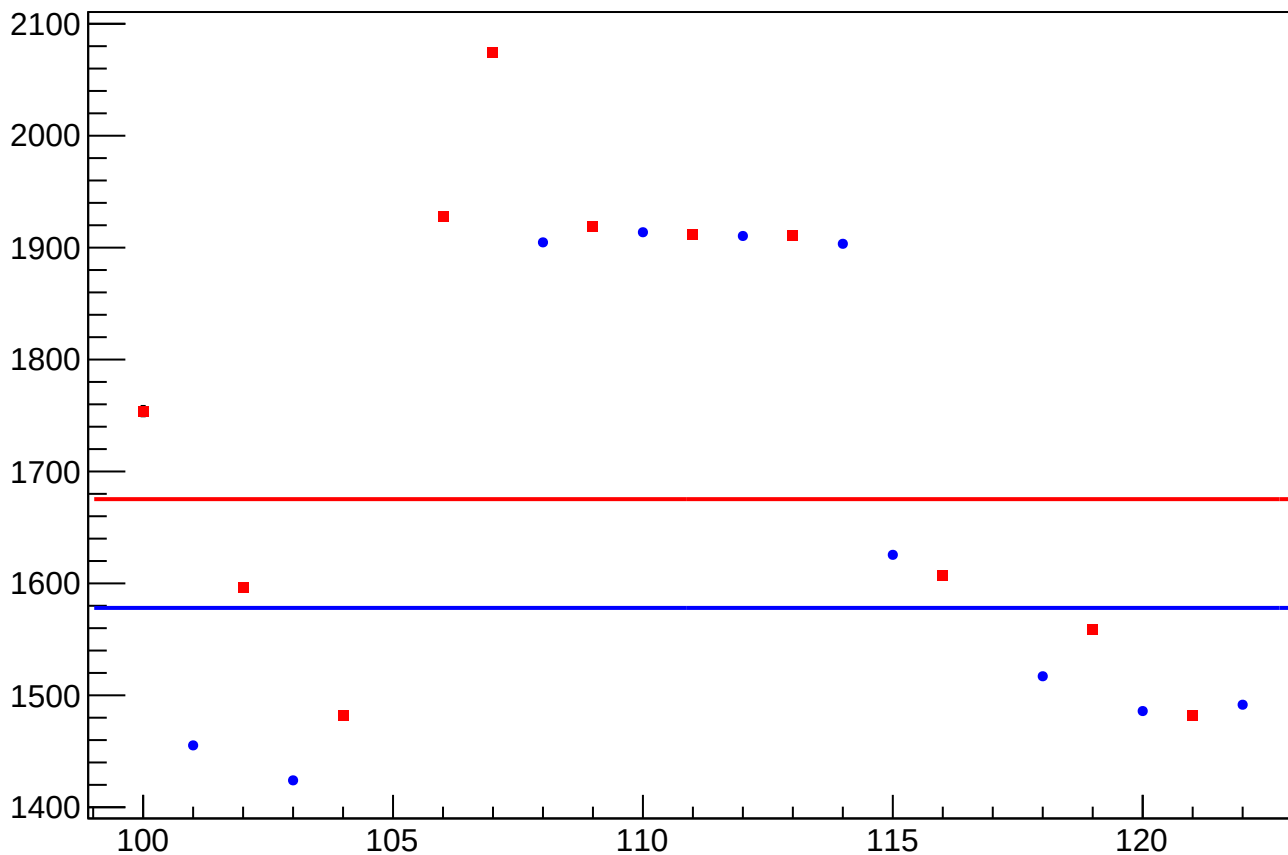
Right: 1646.474+/-554.034 χ^2/NDF : 14.4/20

In: 2000.899+/-784.026 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1646.474+/-554.034 χ^2/NDF : 14.4/20

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1578.098+/-0.554 χ^2/NDF : 114664.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1675.280+/-0.554 χ^2/NDF : 119389.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

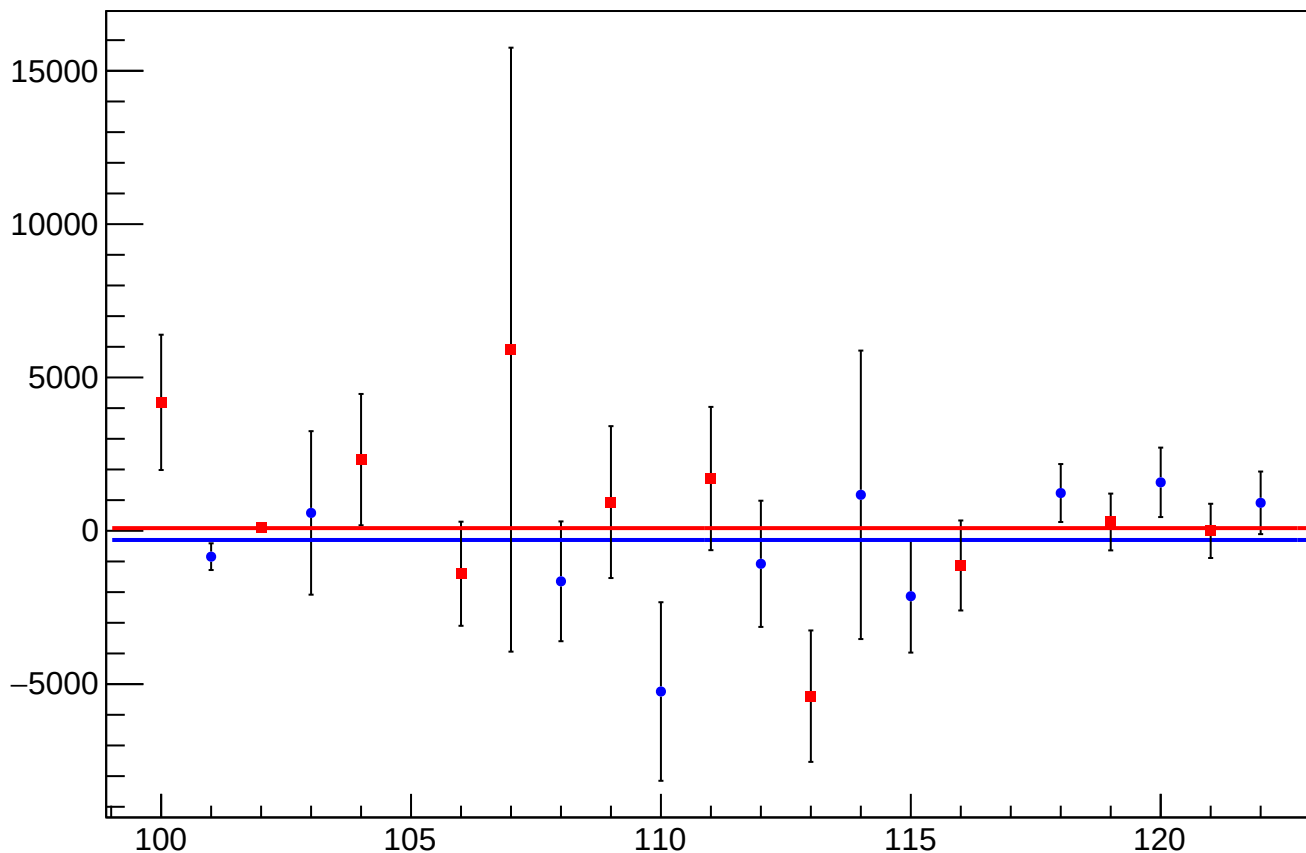
Right: 1626.752+/-0.392 χ^2/NDF : 249438.2/20

In: 1578.098+/-0.554 χ^2/NDF : 114664.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.752+/-0.392 χ^2/NDF : 249438.2/20

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -299.272+/-329.107 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.319+/-143.957 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

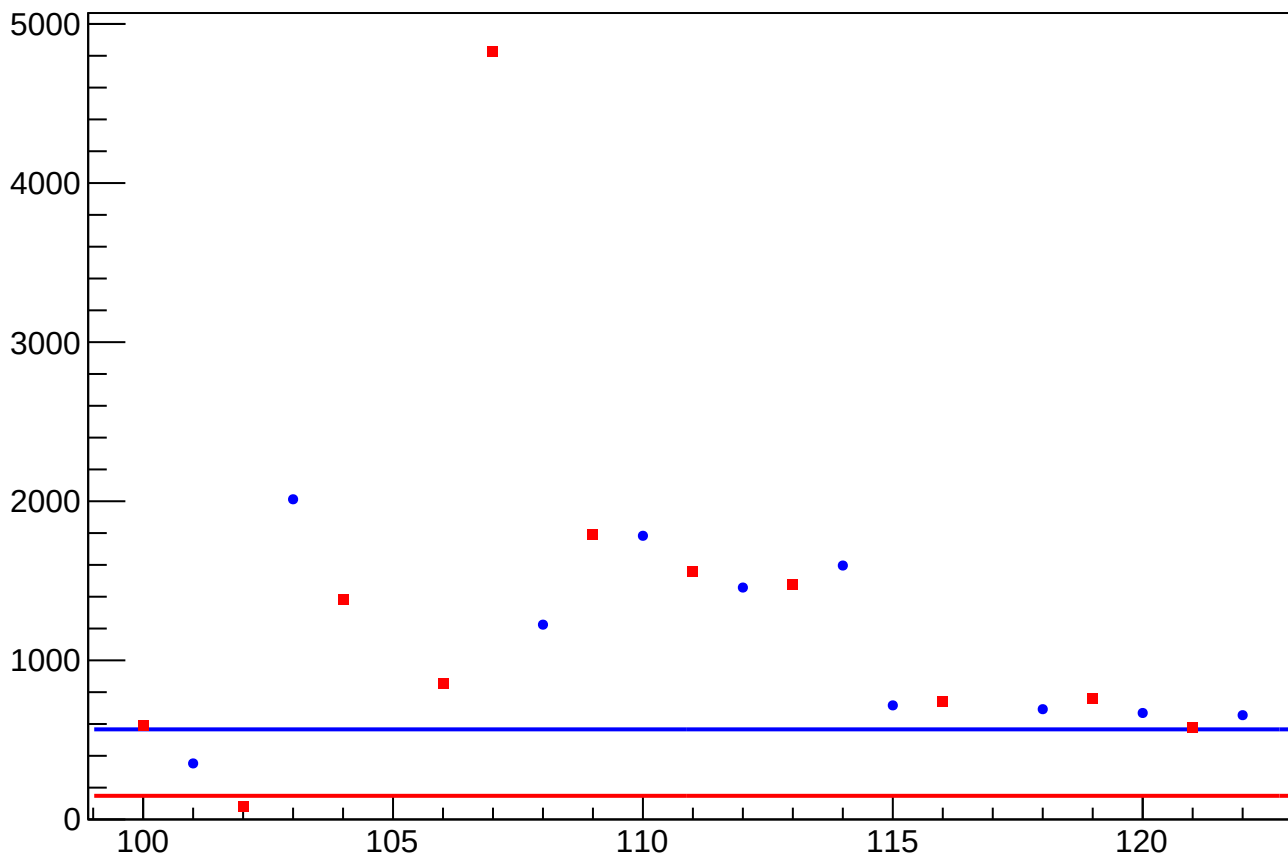
Right: 25.231+/-131.891 χ^2/NDF : 27.8/20

In: -299.272+/-329.107 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.231+/-131.891 χ^2/NDF : 27.8/20

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.272+/-0.233 χ^2/NDF : 2200631.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 148.561+/-0.102 χ^2/NDF : 6018004.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

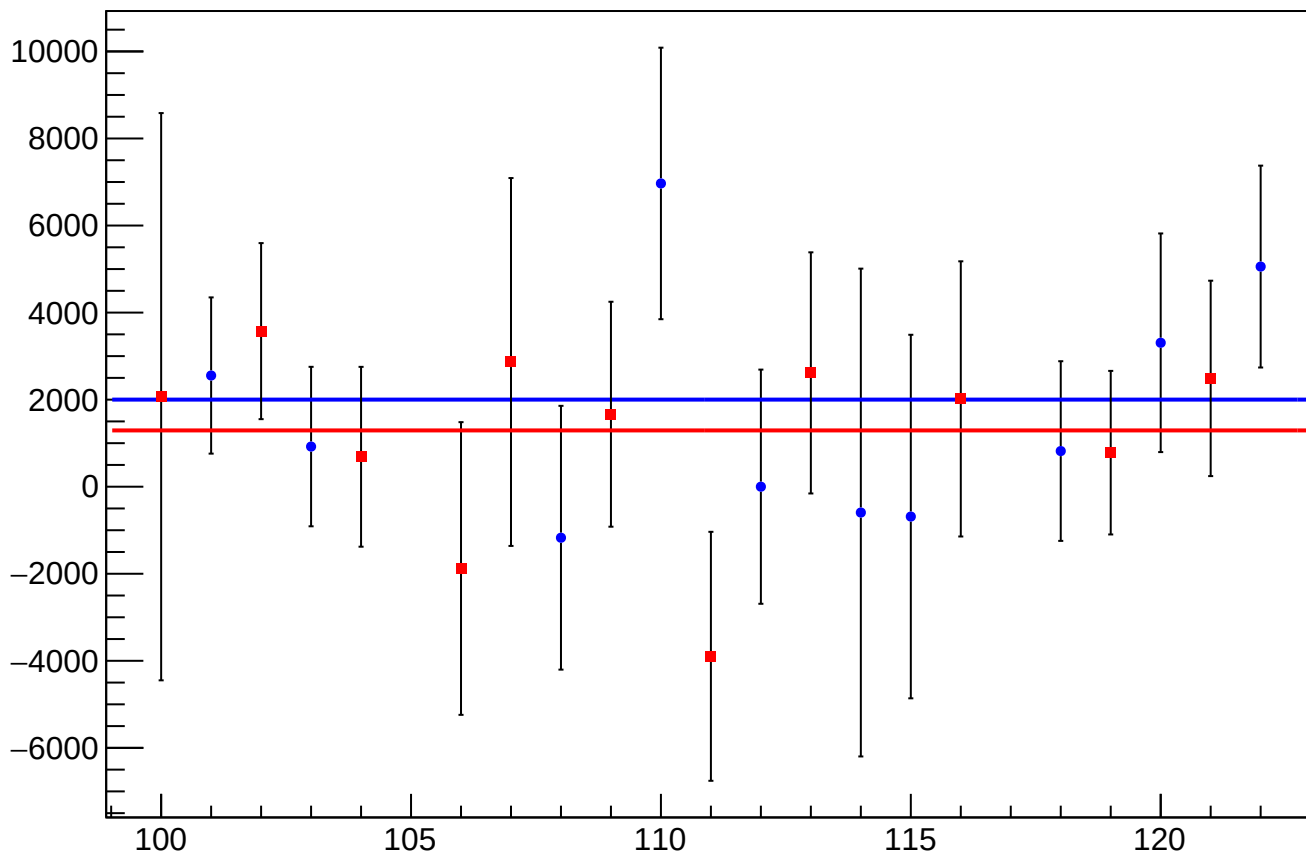
Right: 215.647+/-0.093 χ^2/NDF : 10923057.8/20

In: 566.272+/-0.233 χ^2/NDF :2200631.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 215.647+/-0.093 χ^2/NDF : 10923057.8/20

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2000.899+/-784.026 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.959+/-783.019 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

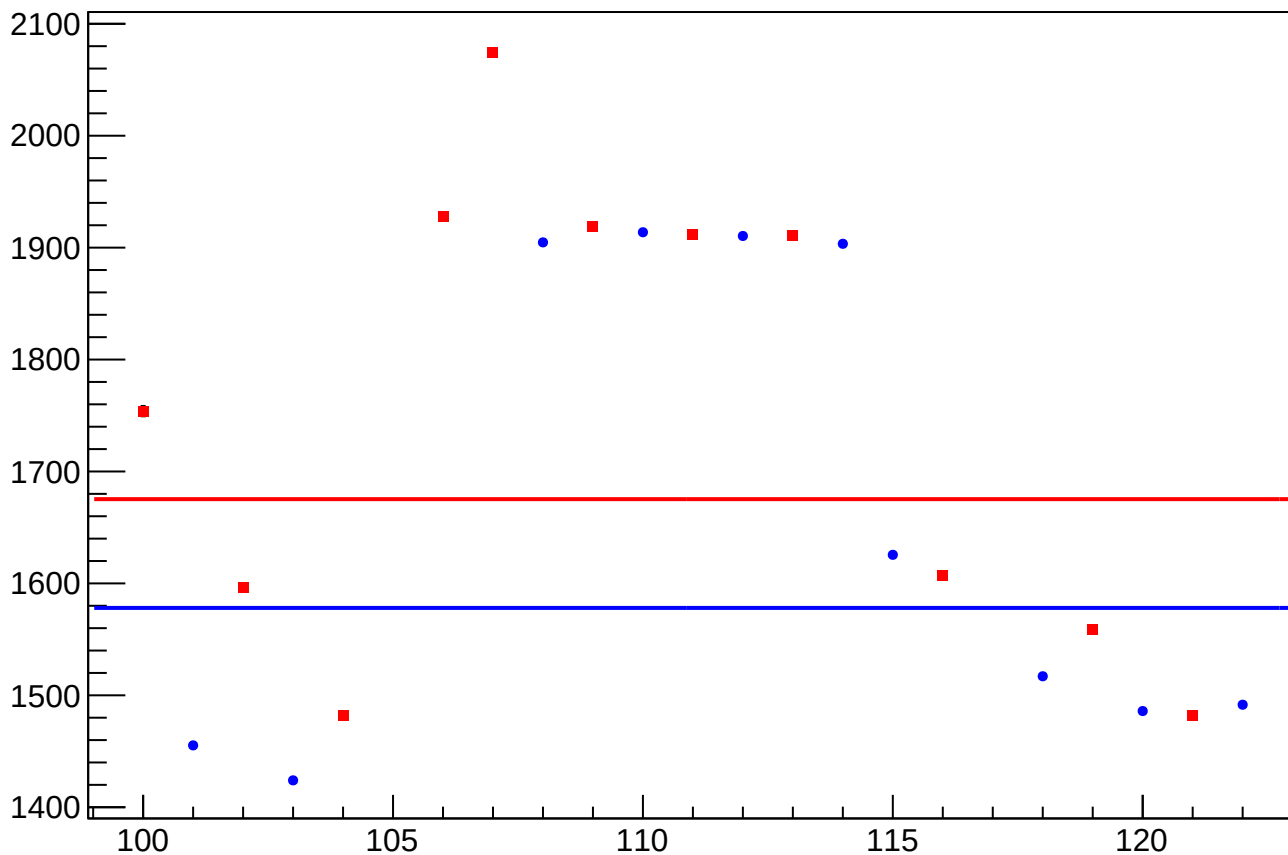
Right: 1646.474+/-554.034 χ^2/NDF : 14.4/20

In: 2000.899+/-784.026 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1646.474+/-554.034 χ^2/NDF : 14.4/20

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1578.098+/-0.554 χ^2/NDF : 114664.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1675.280+/-0.554 χ^2/NDF : 119389.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

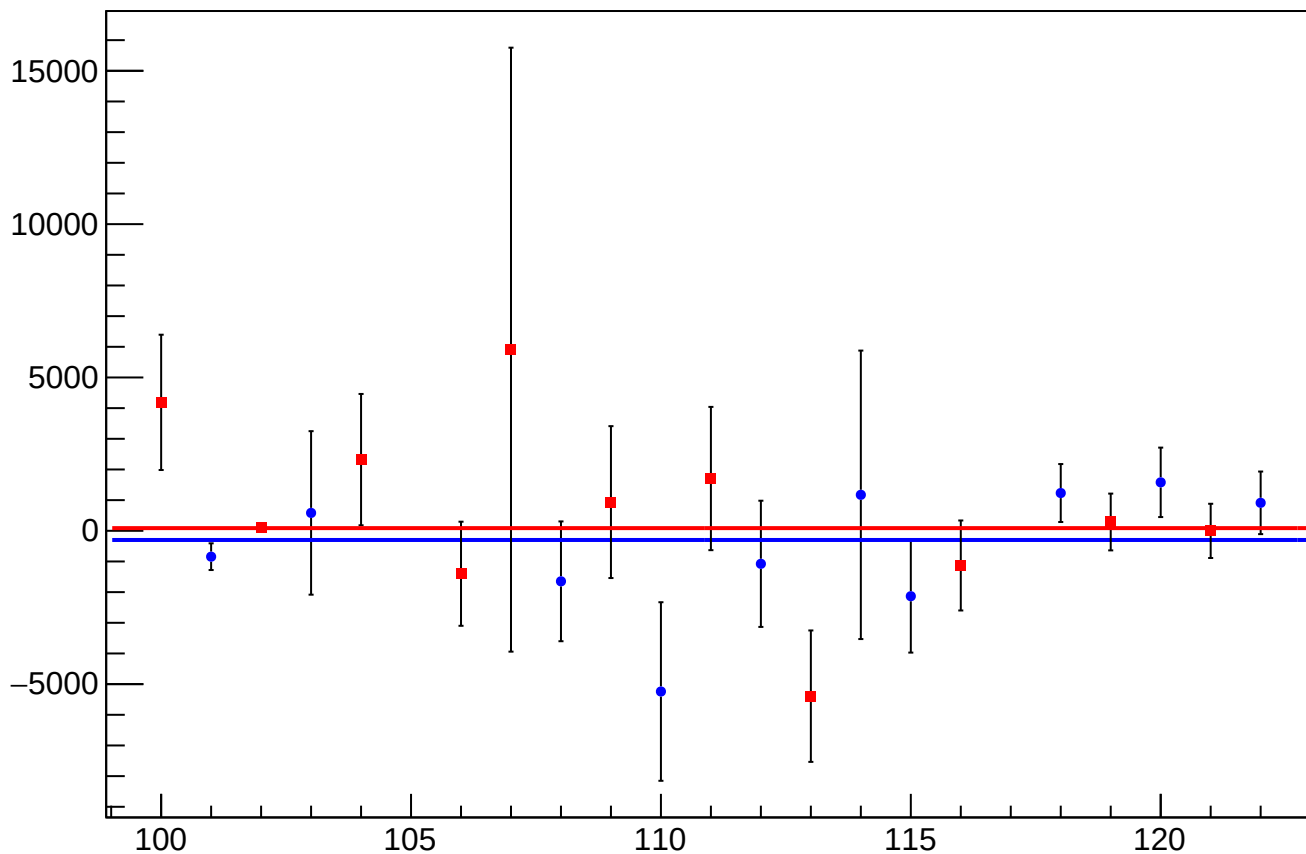
Right: 1626.752+/-0.392 χ^2/NDF : 249438.2/20

In: 1578.098+/-0.554 χ^2/NDF : 114664.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.752+/-0.392 χ^2/NDF : 249438.2/20

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -299.272+/-329.107 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.319+/-143.957 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

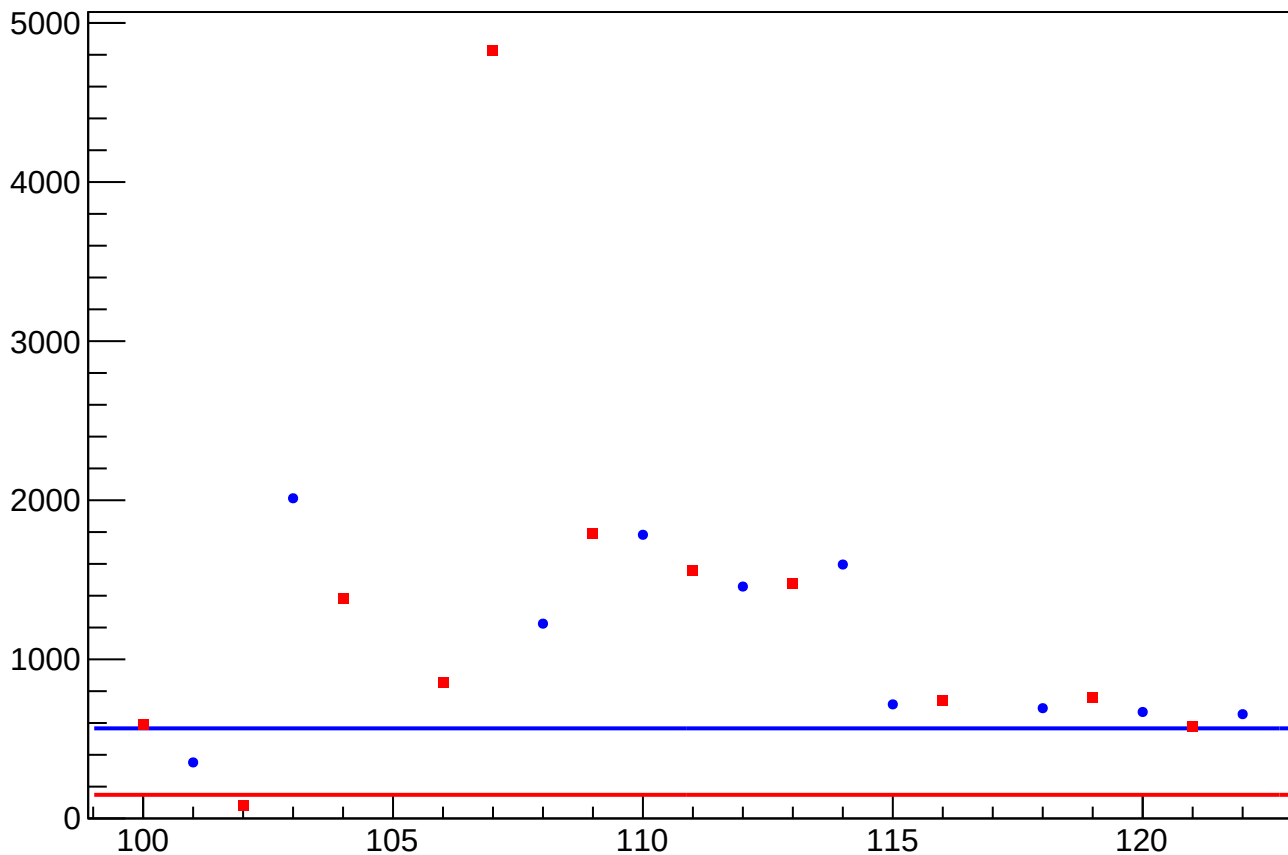
Right: 25.231+/-131.891 χ^2/NDF : 27.8/20

In: -299.272+/-329.107 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.231+/-131.891 χ^2/NDF : 27.8/20

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.272+/-0.233 χ^2/NDF : 2200631.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 148.561+/-0.102 χ^2/NDF : 6018004.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

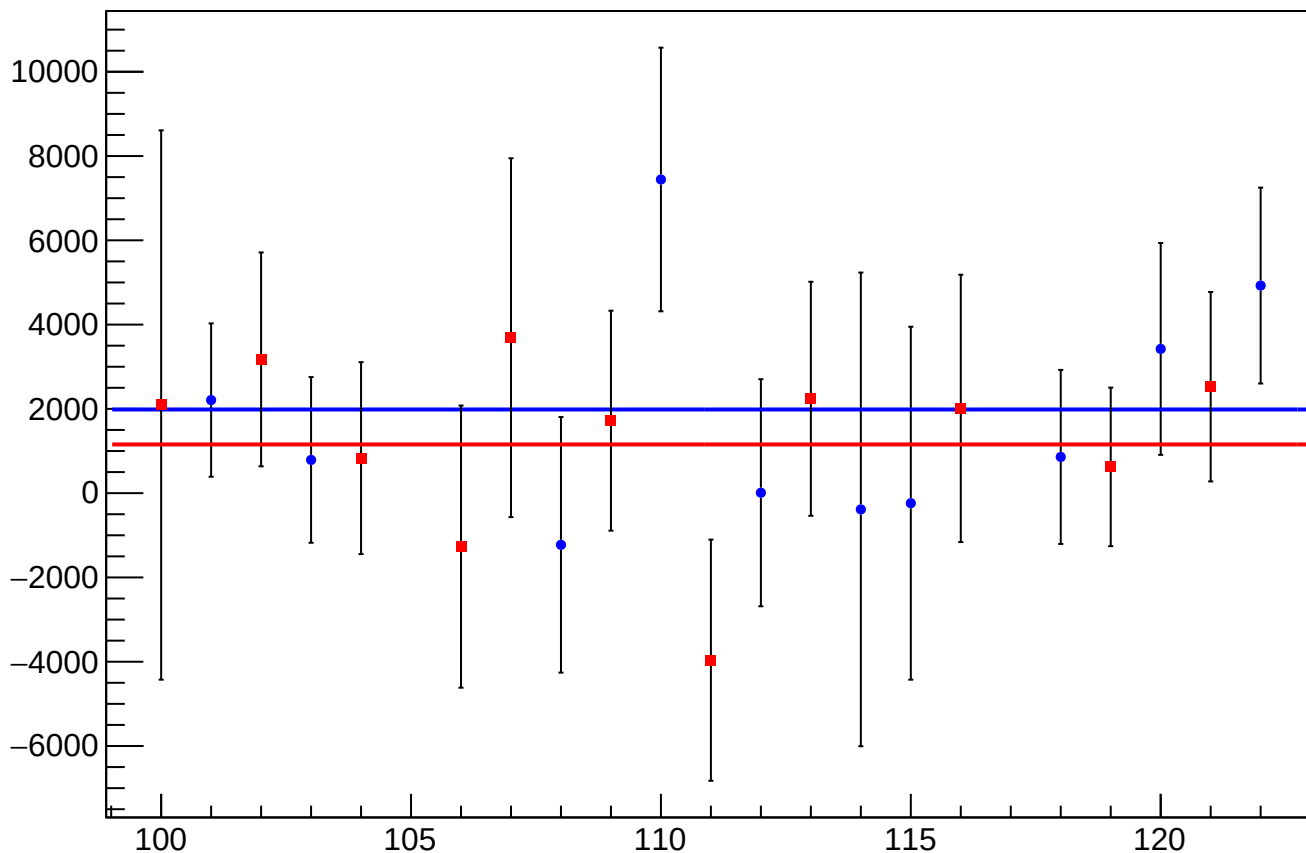
Right: 215.647+/-0.093 χ^2/NDF : 10923057.8/20

In: 566.272+/-0.233 χ^2/NDF :2200631.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 215.647+/-0.093 χ^2/NDF : 10923057.8/20

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1985.718+/-796.570 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.305+/-817.972 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

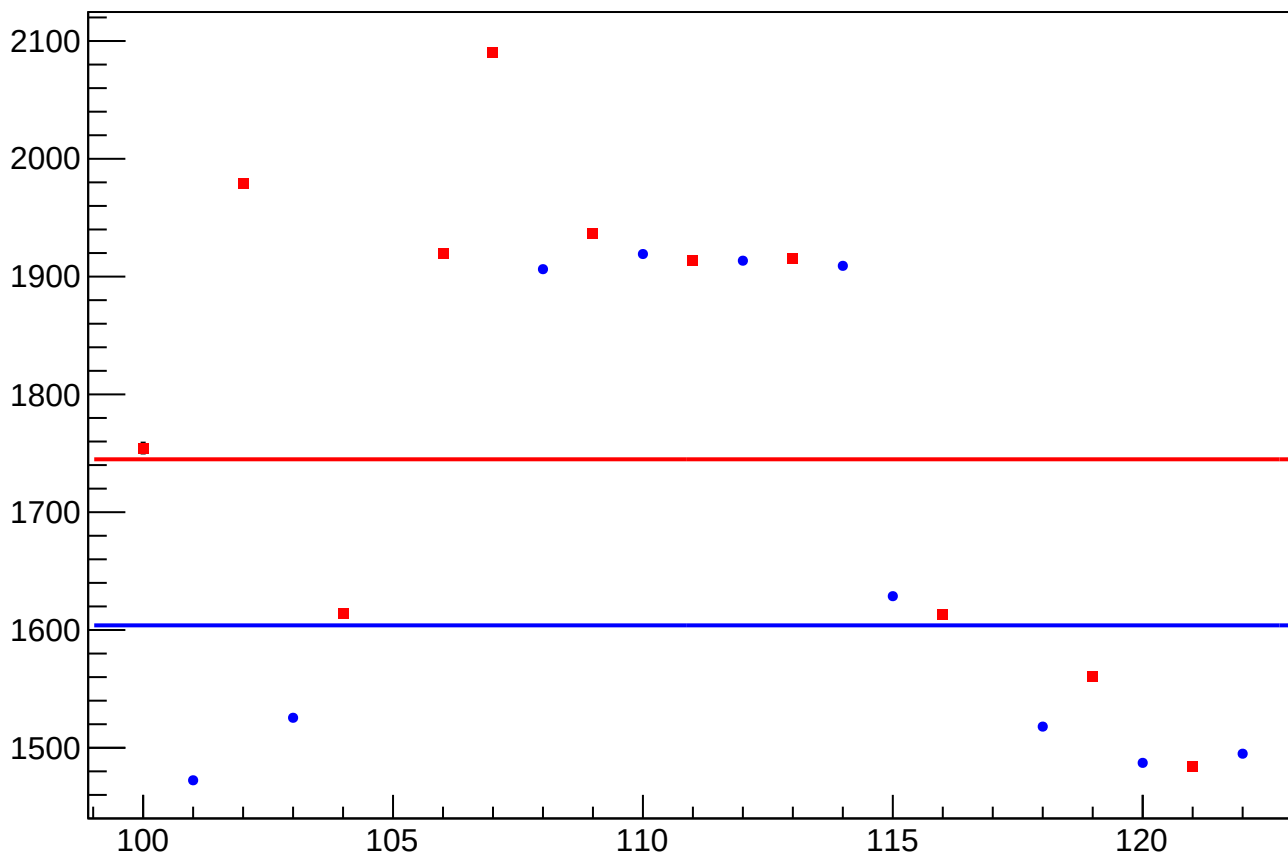
Right: 1582.004+/-570.676 χ^2/NDF : 13.8/20

In: 1985.718+/-796.570 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.004+/-570.676 χ^2/NDF : 13.8/20

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1603.936+/-0.563 χ^2/NDF : 98368.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.904+/-0.578 χ^2/NDF : 117300.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

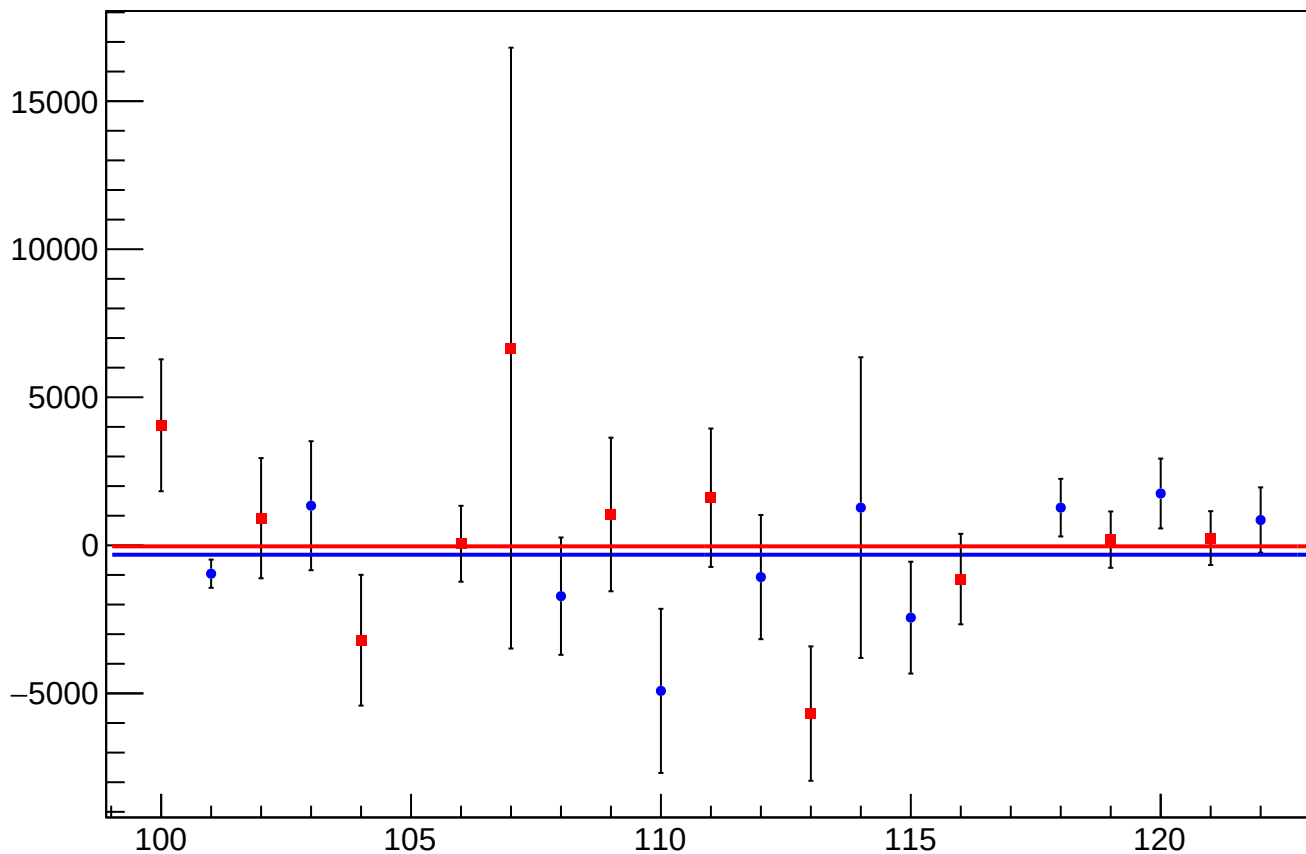
Right: 1672.552+/-0.404 χ^2/NDF : 246156.8/20

In: 1603.936+/-0.563 χ^2/NDF : 98368.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.552+/-0.404 χ^2/NDF : 246156.8/20

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -317.316+/-350.565 χ^2/NDF : 14.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.826+/-469.385 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

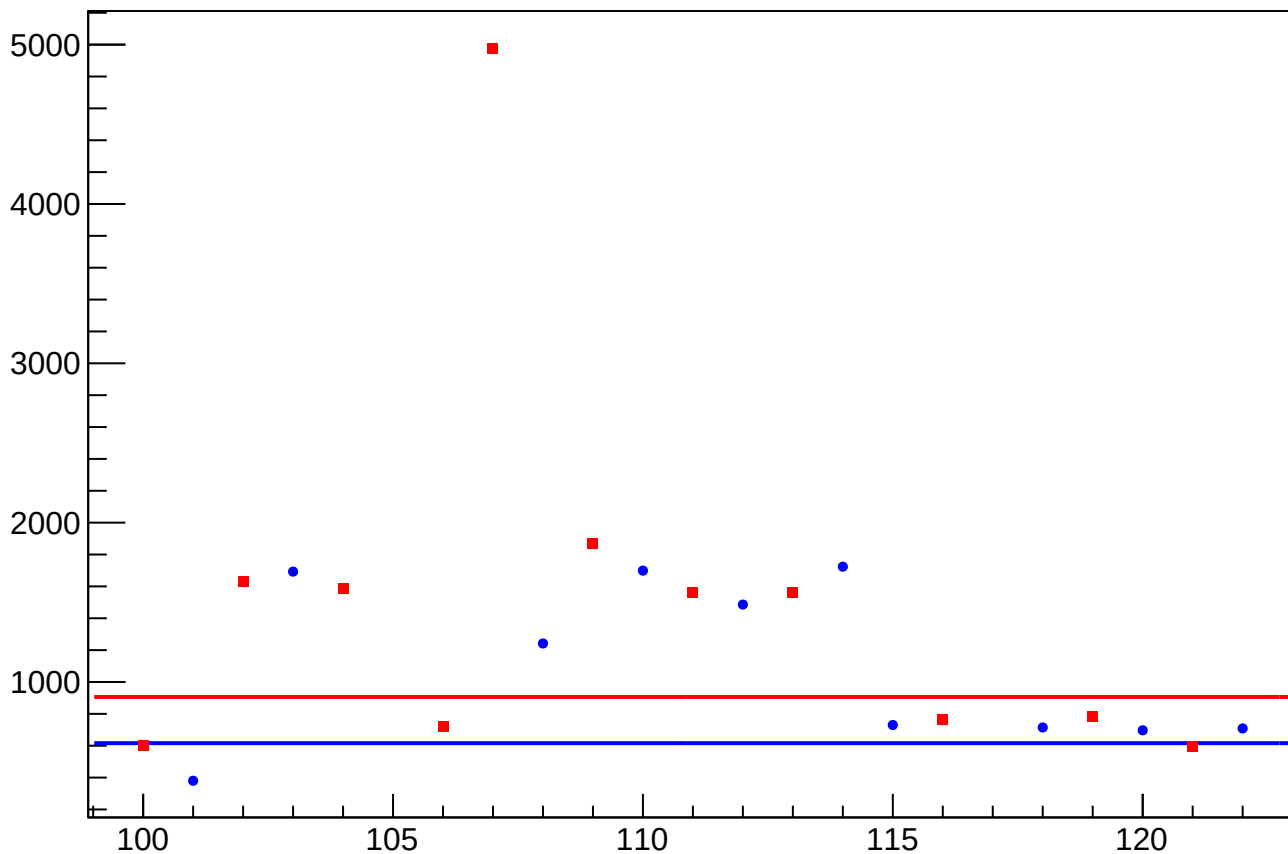
Right: -215.807+/-280.875 χ^2/NDF : 27.9/20

In: -317.316+/-350.565 χ^2/NDF : 14.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.807+/-280.875 χ^2/NDF : 27.9/20

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 616.197+/-0.248 χ^2/NDF : 1973138.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 906.016+/-0.332 χ^2/NDF : 1728399.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

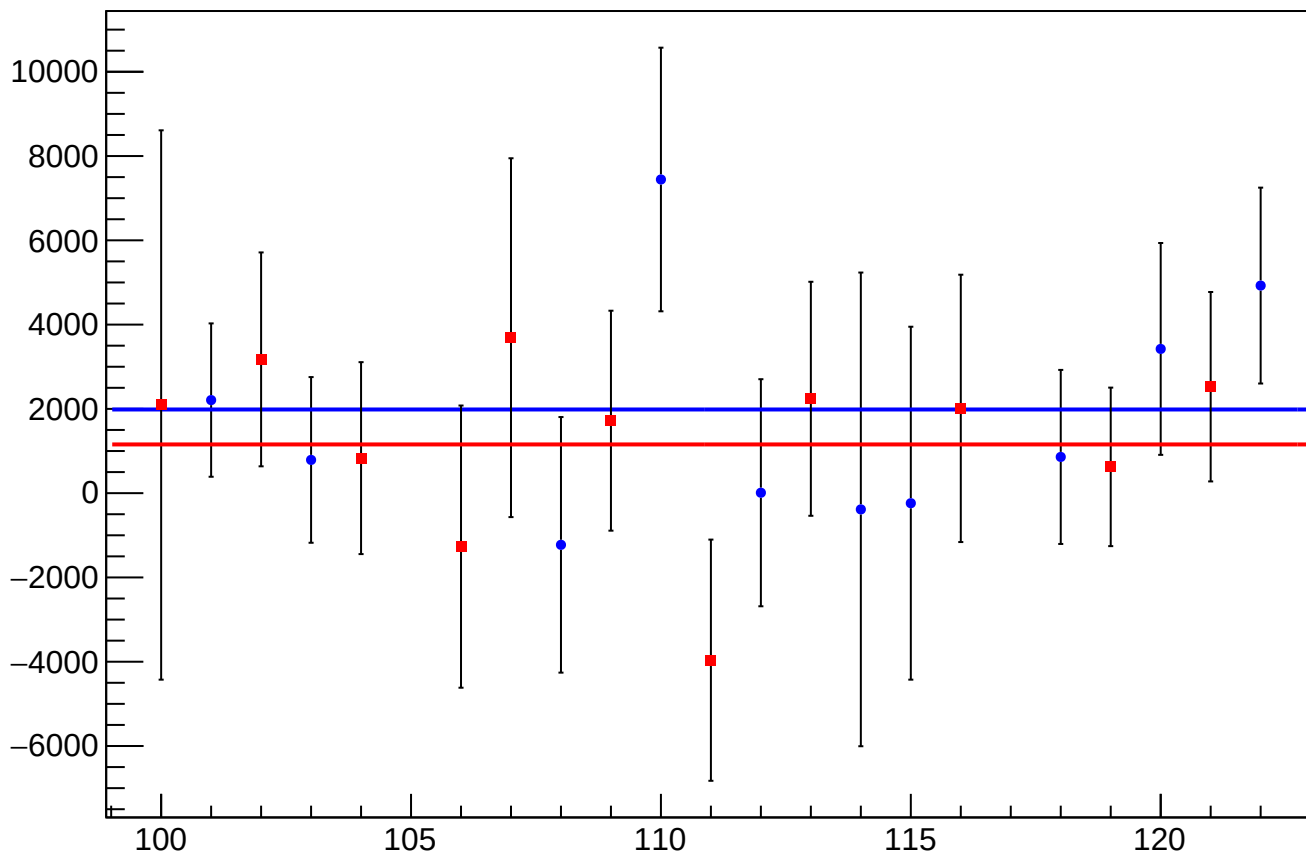
Right: 719.972+/-0.199 χ^2/NDF : 4190996.2/20

In: 616.197+/-0.248 χ^2/NDF :1973138.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 719.972+/-0.199 χ^2/NDF : 4190996.2/20

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1985.714+/-796.569 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.302+/-817.972 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

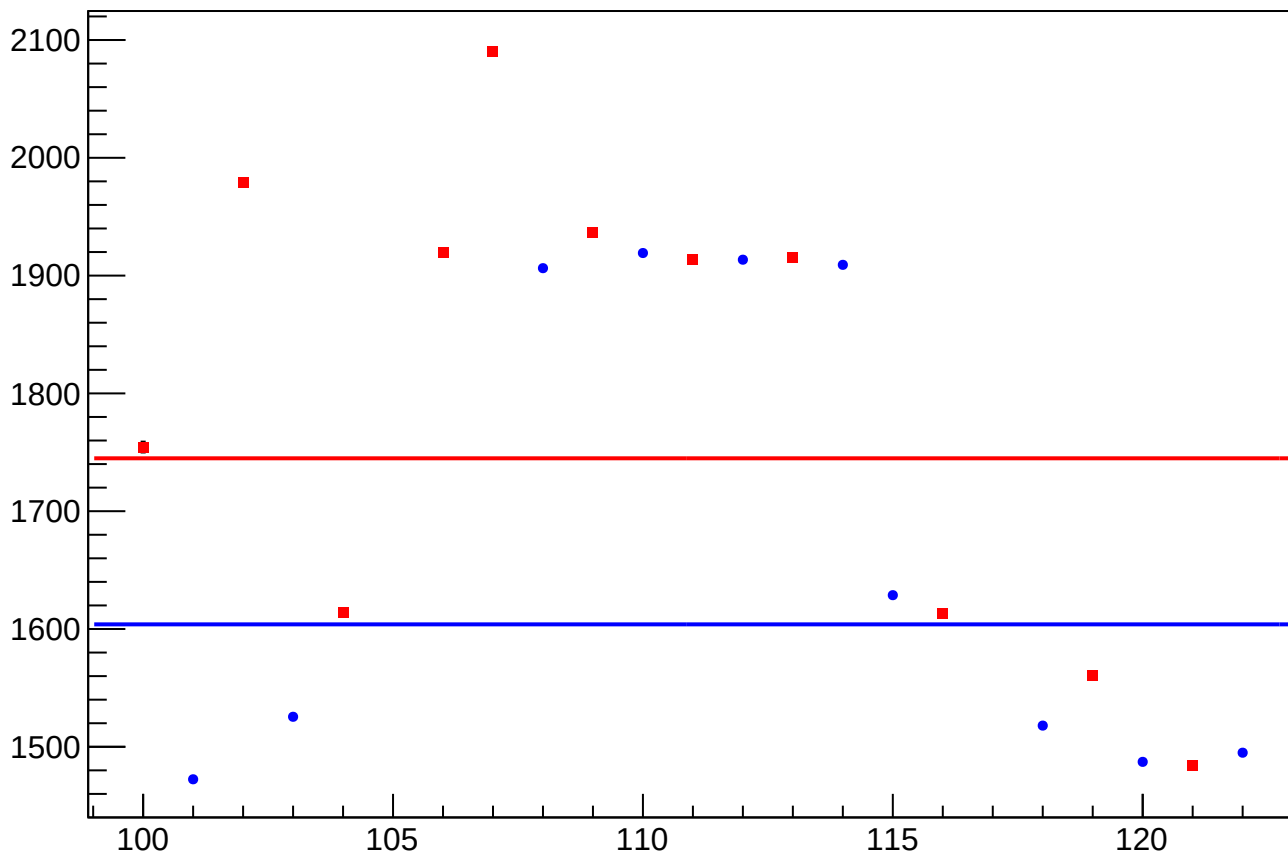
Right: 1582.001+/-570.676 χ^2/NDF : 13.8/20

In: 1985.714+/-796.569 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.001+/-570.676 χ^2/NDF : 13.8/20

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1603.935+/-0.563 χ^2/NDF : 98368.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.903+/-0.578 χ^2/NDF : 117301.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

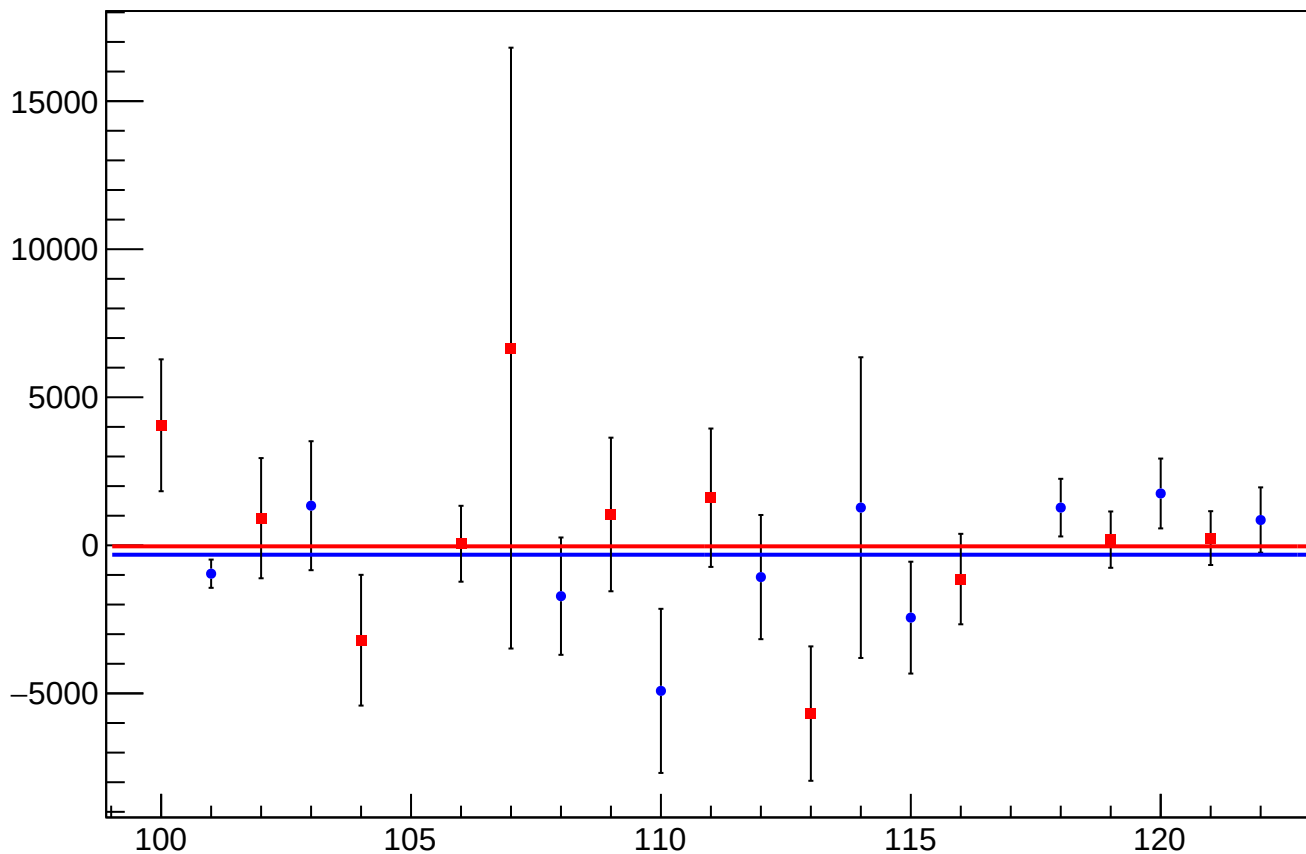
Right: 1672.551+/-0.404 χ^2/NDF : 246157.3/20

In: 1603.935+/-0.563 χ^2/NDF : 98368.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.551+/-0.404 χ^2/NDF : 246157.3/20

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -317.314+/-350.565 χ^2/NDF : 14.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.826+/-469.385 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

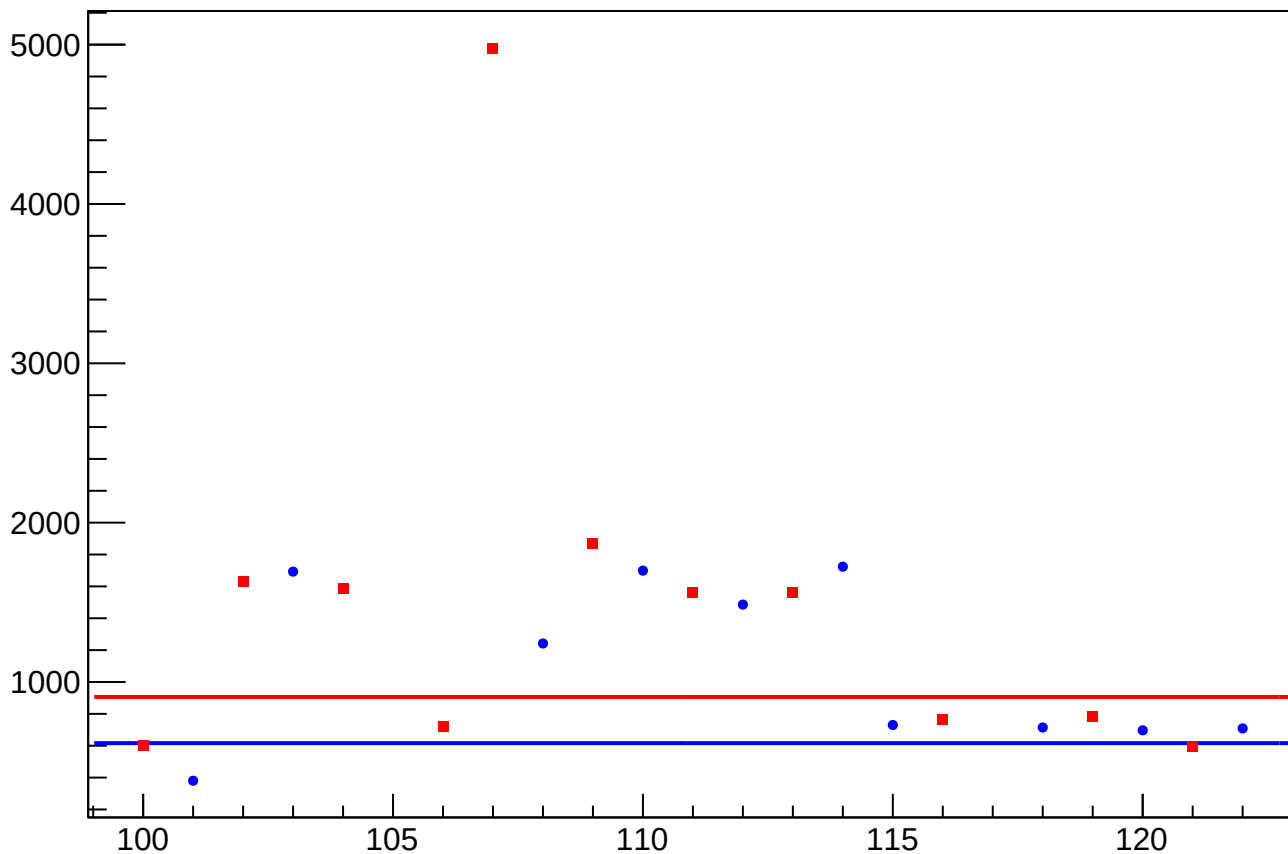
Right: -215.806+/-280.875 χ^2/NDF : 27.9/20

In: -317.314+/-350.565 χ^2/NDF : 14.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.806+/-280.875 χ^2/NDF : 27.9/20

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 616.197+/-0.248 χ^2/NDF : 1973132.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 906.015+/-0.332 χ^2/NDF : 1728407.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

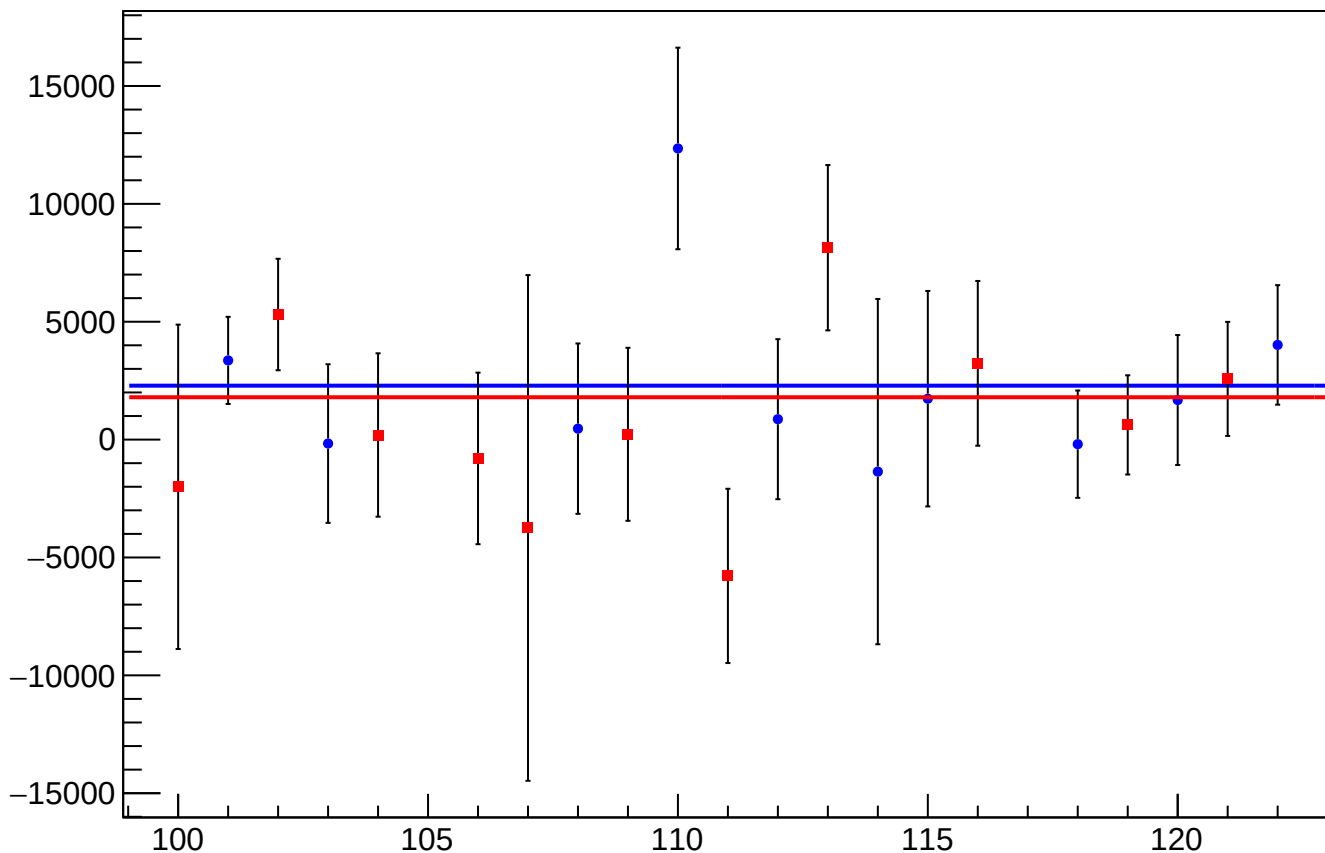
Right: 719.972+/-0.199 χ^2/NDF : 4190991.8/20

In: 616.197+/-0.248 χ^2/NDF :1973132.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 719.972+/-0.199 χ^2/NDF : 4190991.8/20

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2287.909+/-934.147 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1797.036+/-964.531 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

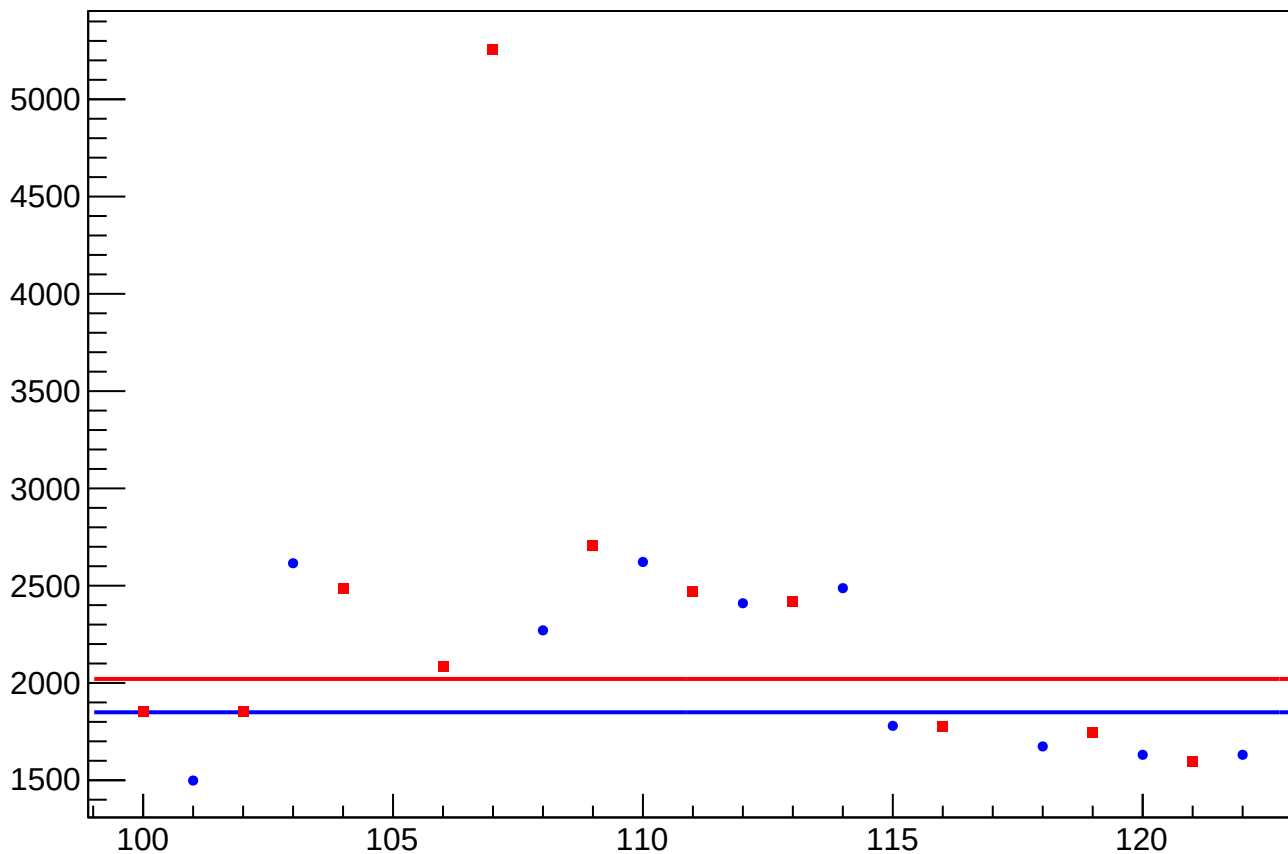
Right: 2050.326+/-671.026 χ^2/NDF : 20.7/20

In: 2287.909+/-934.147 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.326+/-671.026 χ^2/NDF : 20.7/20

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1849.334+/-0.661 χ^2/NDF : 377754.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2020.696+/-0.682 χ^2/NDF : 460993.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

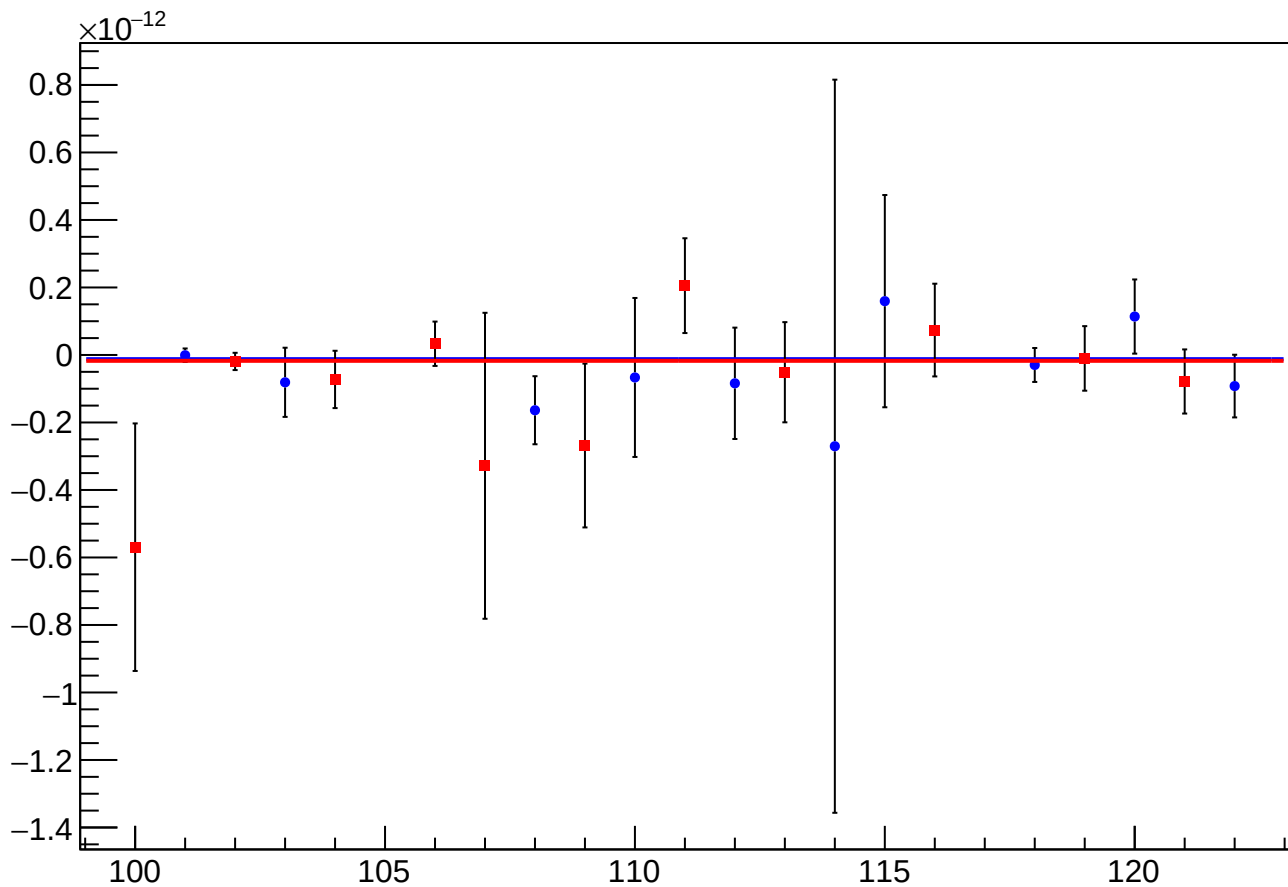
Right: 1932.274+/-0.474 χ^2/NDF : 871322.1/20

In: 1849.334+/-0.661 χ^2/NDF : 377754.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.274+/-0.474 χ^2/NDF : 871322.1/20

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/9

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

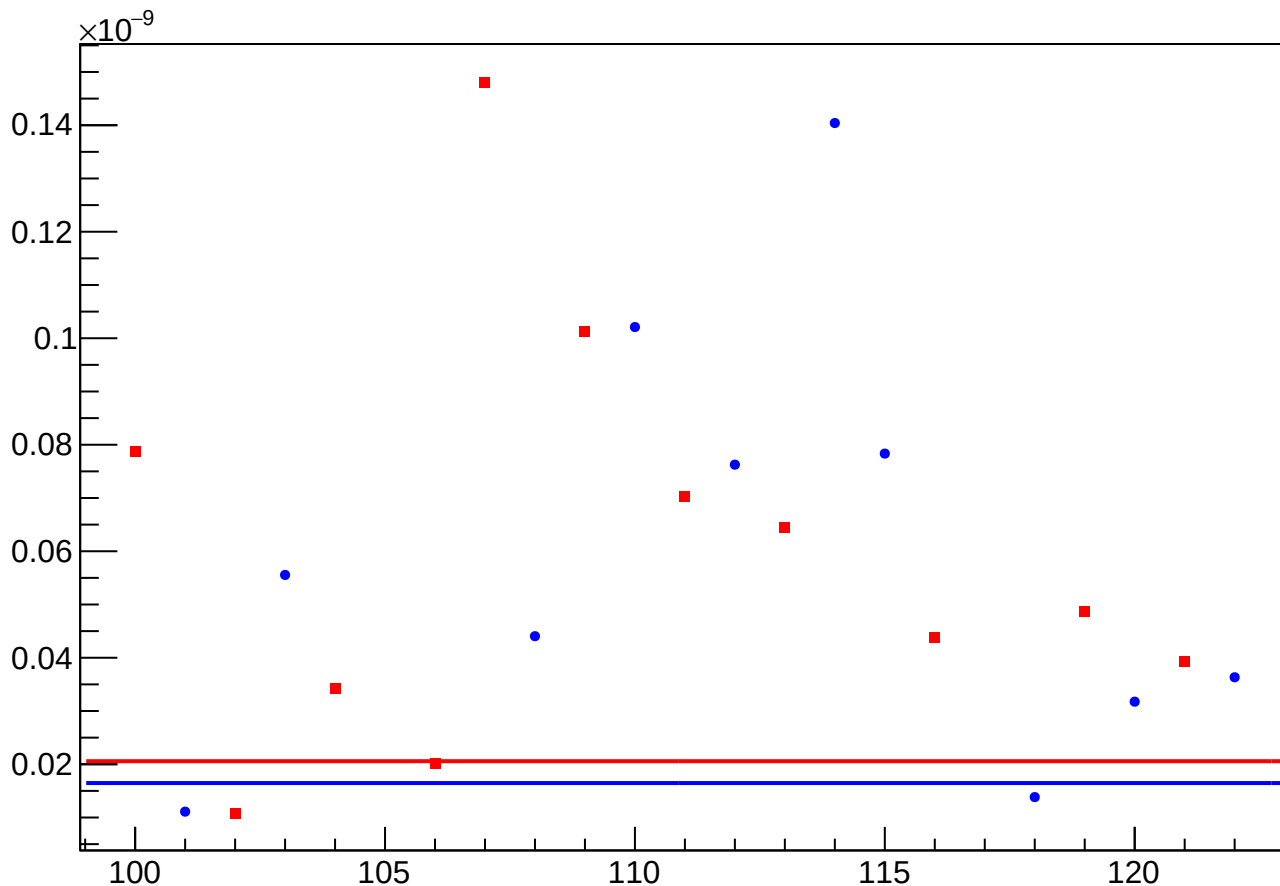
Right: -0.000+/-0.000 χ^2/NDF : 14.1/20

In: -0.000+/-0.000 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/20

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1350969.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1512034.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

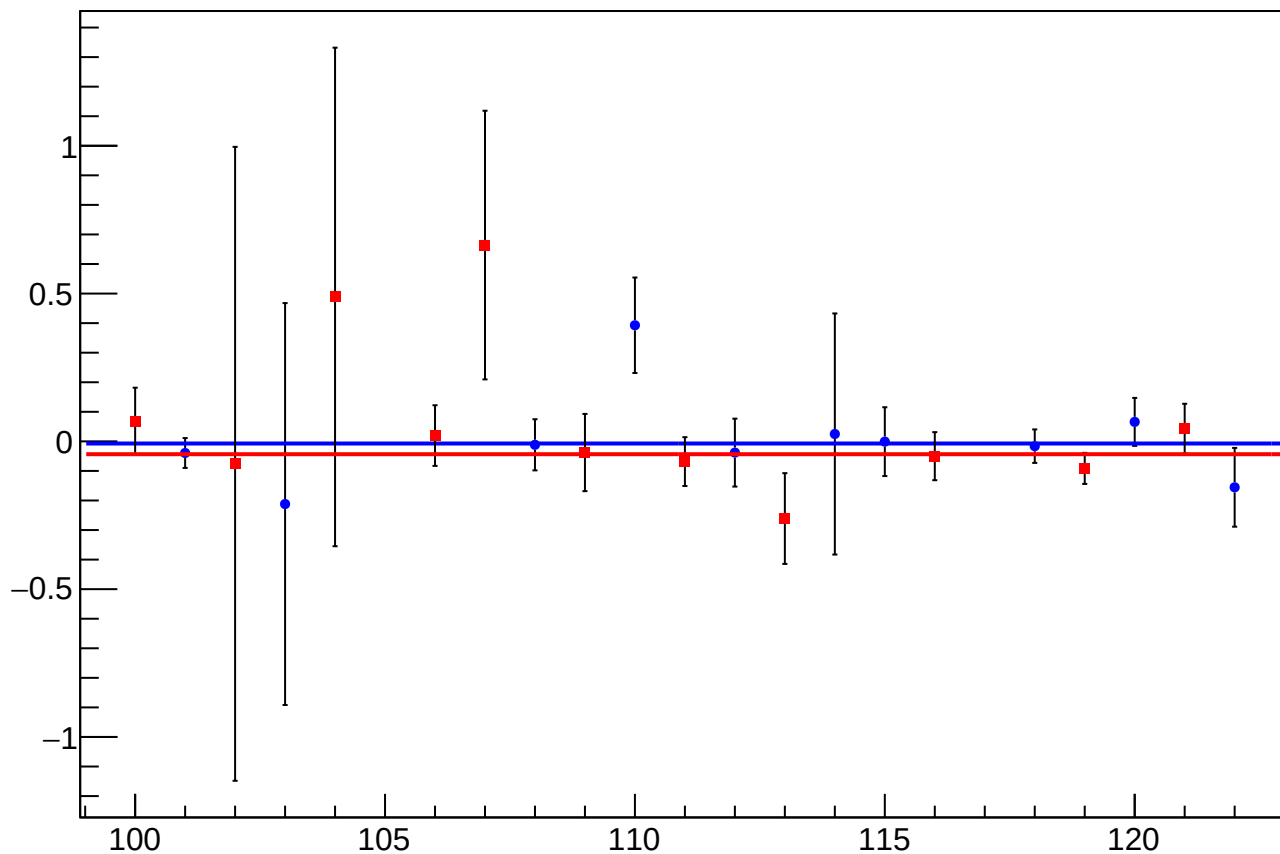
Right: 0.000+/-0.000 χ^2/NDF : 2908994.8/20

In: 0.000+/-0.000 χ^2/NDF : 1350969.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2908994.8/20

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.028 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.043 $\pm$ 0.030 χ^2 /NDF: 8.2/10

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

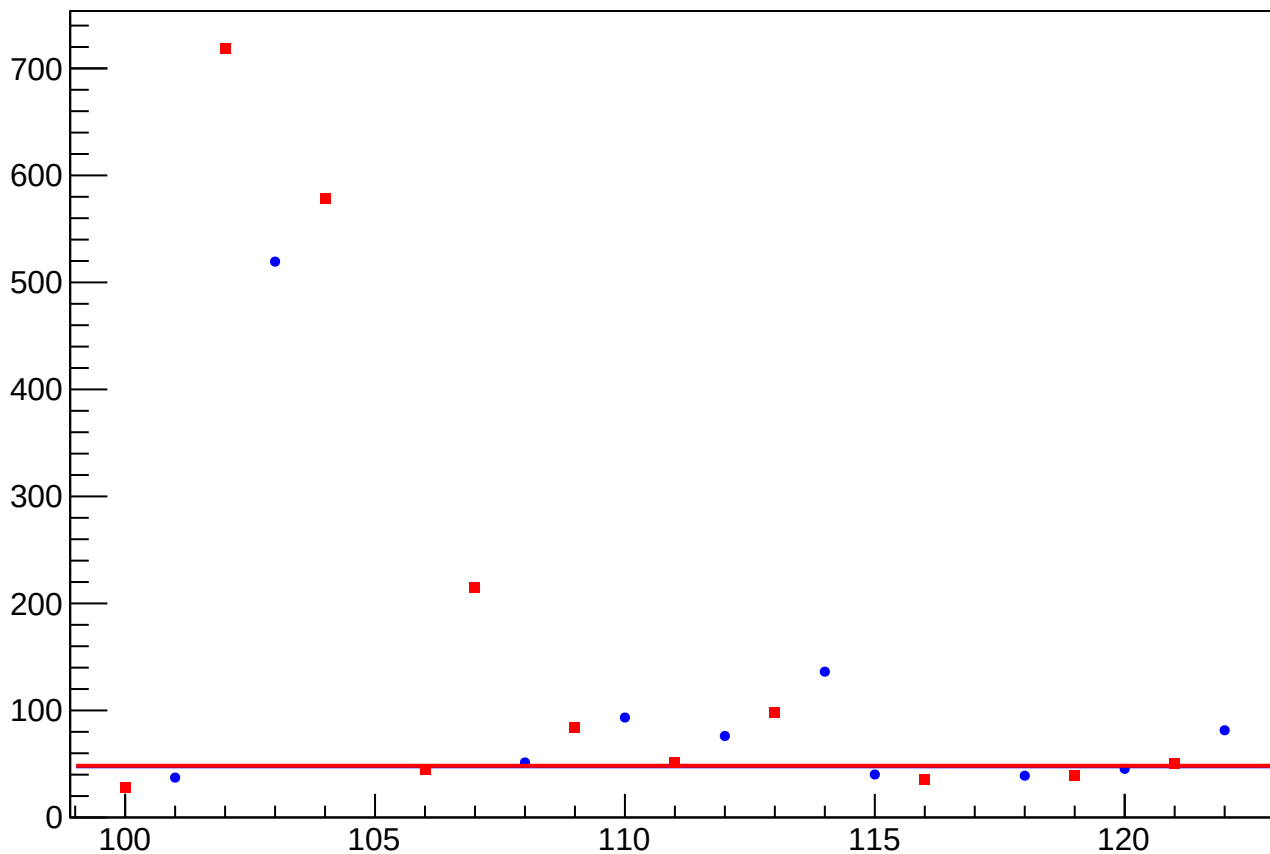
Right: -0.024 $\pm$ 0.021 χ^2 /NDF: 17.7/20

In: -0.007 $\pm$ 0.028 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.021 χ^2 /NDF: 17.7/20

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.813+/-0.020 χ^2/NDF : 1614692.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.291+/-0.021 χ^2/NDF : 2379603.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

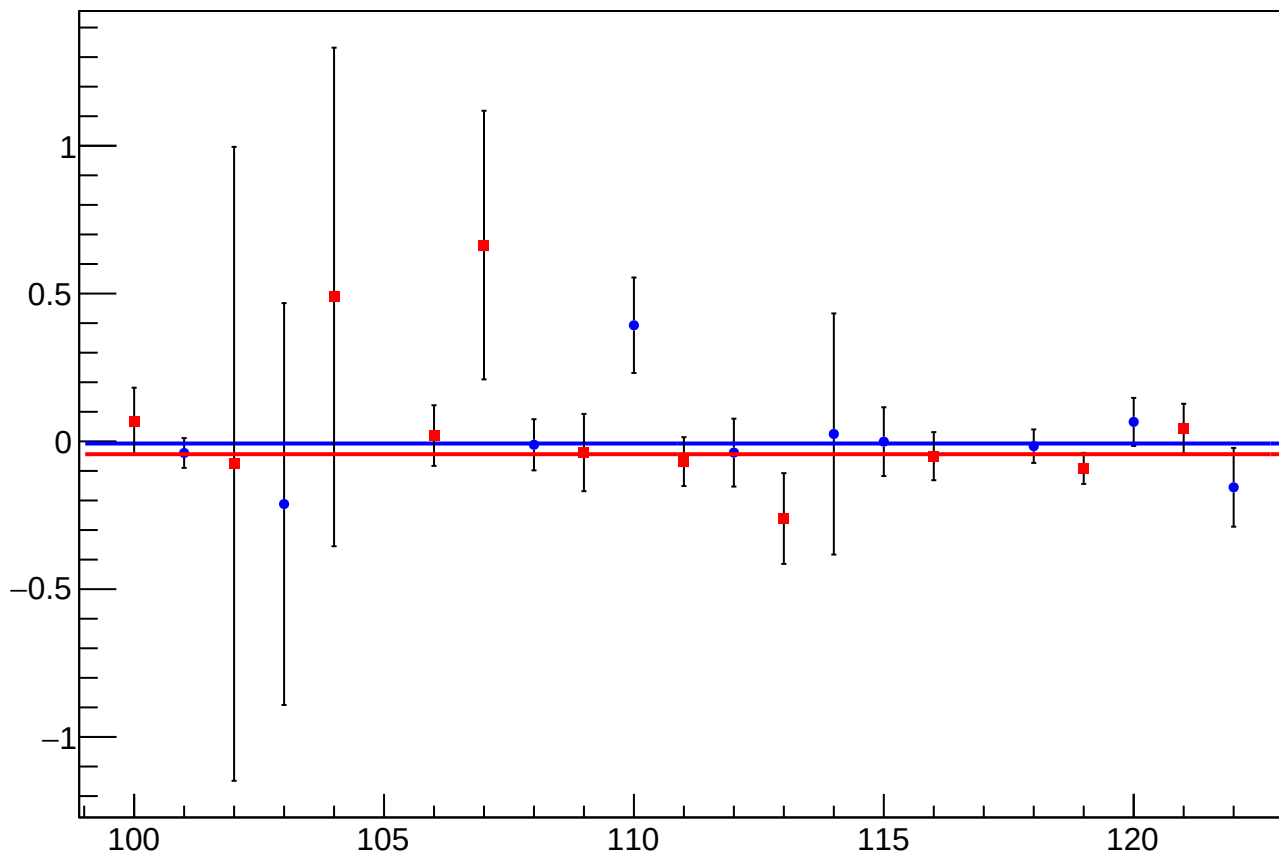
Right: 48.036+/-0.015 χ^2/NDF : 3994560.6/20

In: 47.813+/-0.020 χ^2/NDF : 1614692.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.036+/-0.015 χ^2/NDF : 3994560.6/20

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.028 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.043+/-0.030 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

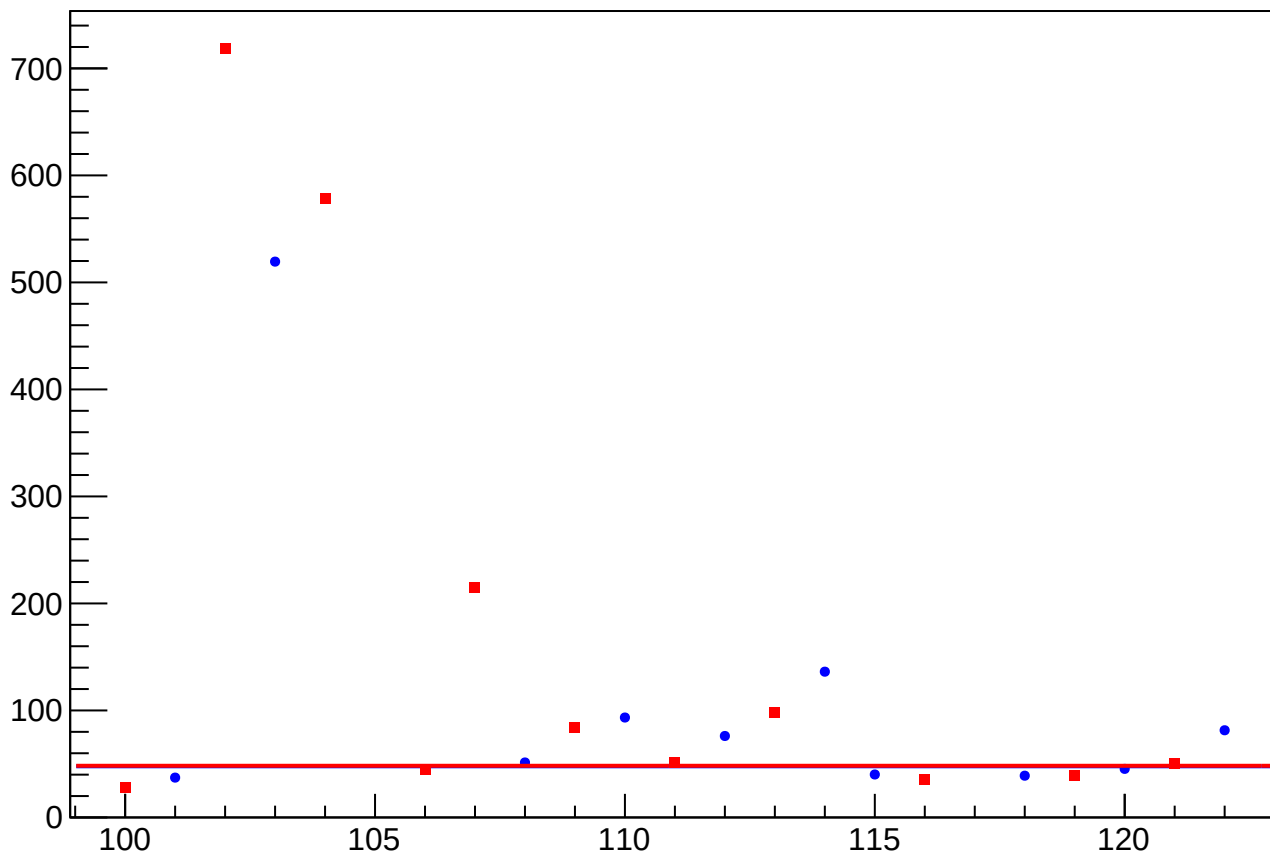
Right: -0.024+/-0.021 χ^2/NDF : 17.7/20

In: -0.007+/-0.028 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.024+/-0.021 χ^2/NDF : 17.7/20

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.813+/-0.020 χ^2/NDF : 1614692.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.291+/-0.021 χ^2/NDF : 2379603.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

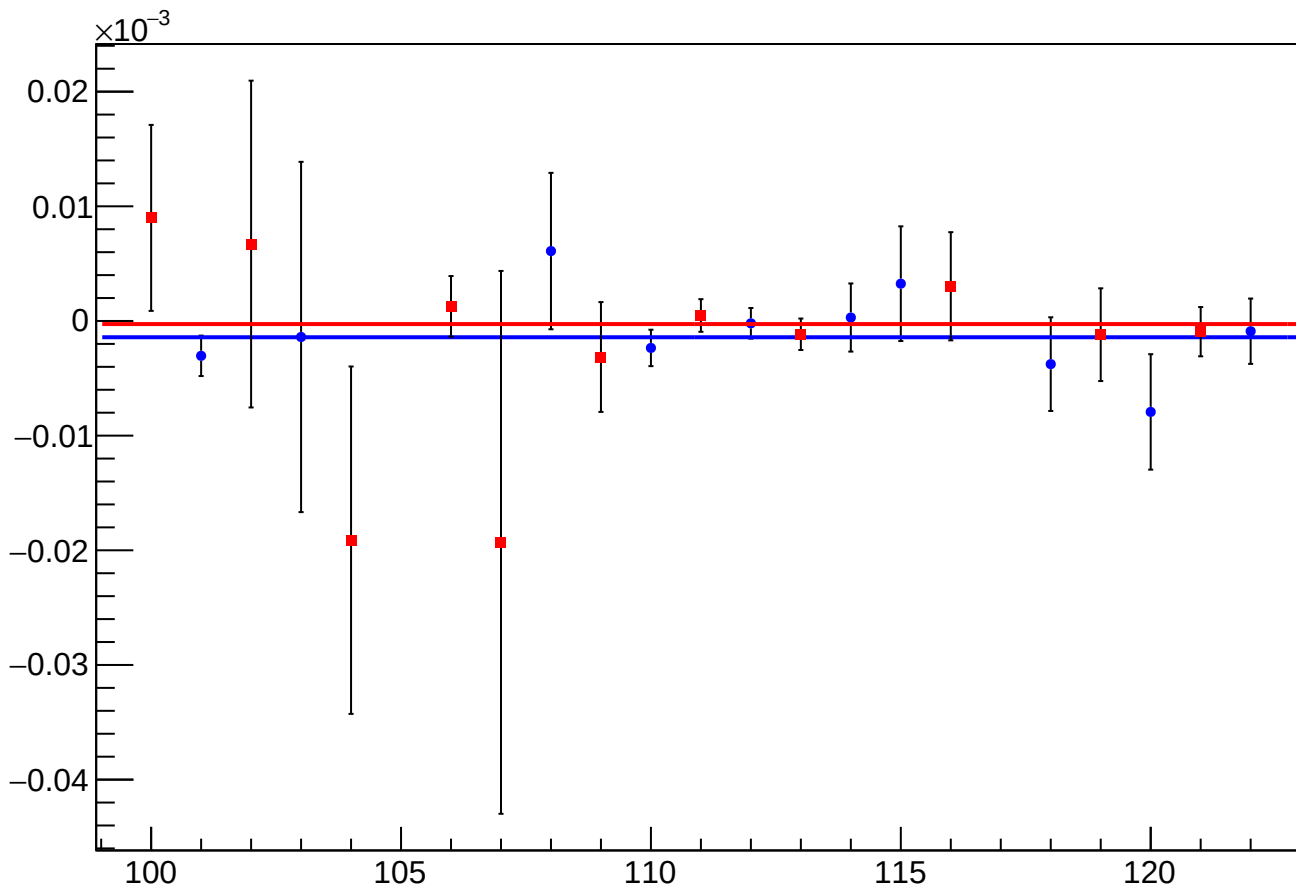
Right: 48.036+/-0.015 χ^2/NDF : 3994560.6/20

In: 47.813+/-0.020 χ^2/NDF : 1614692.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.036+/-0.015 χ^2/NDF : 3994560.6/20

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/9

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

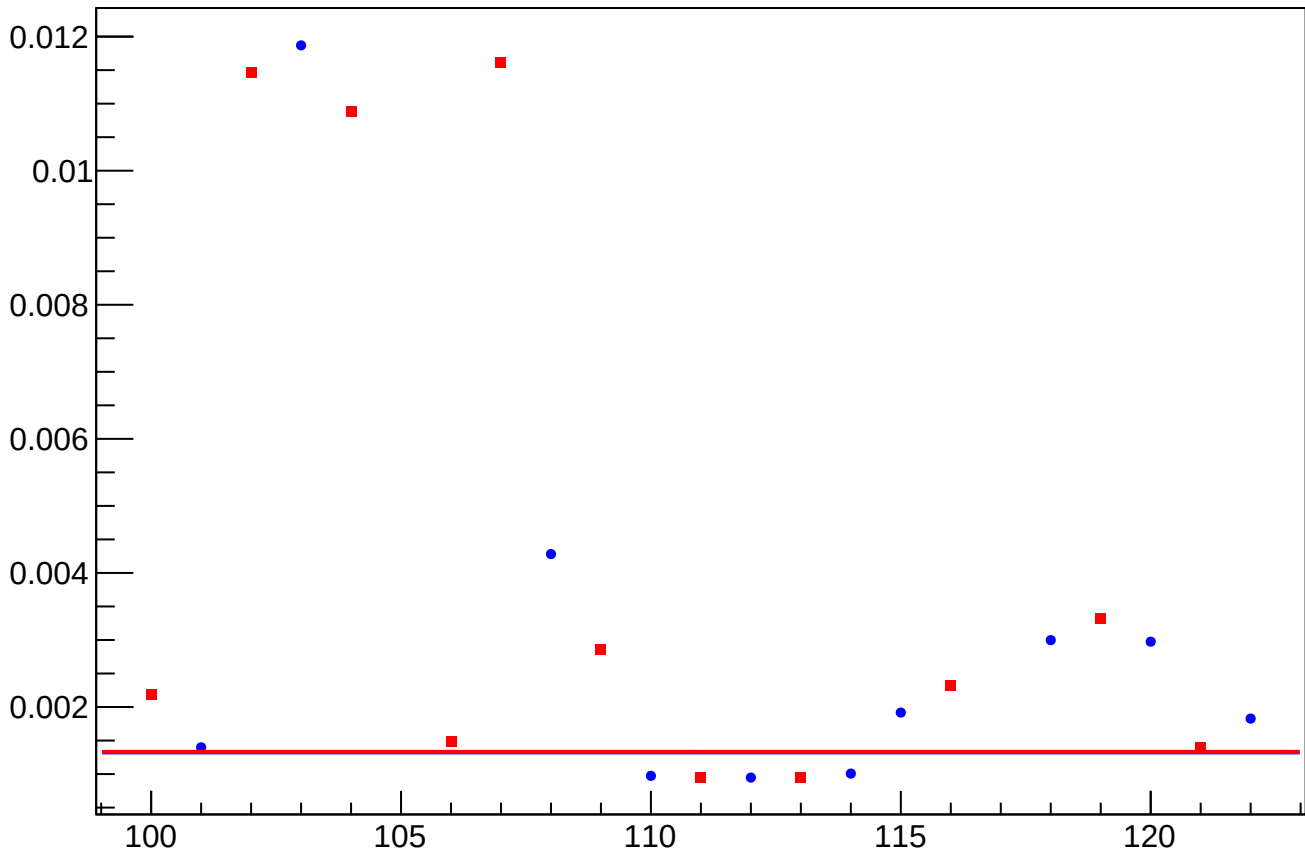
Right: -0.000+/-0.000 χ^2/NDF : 13.3/20

In: -0.000+/-0.000 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/20

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2253594.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3290047.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

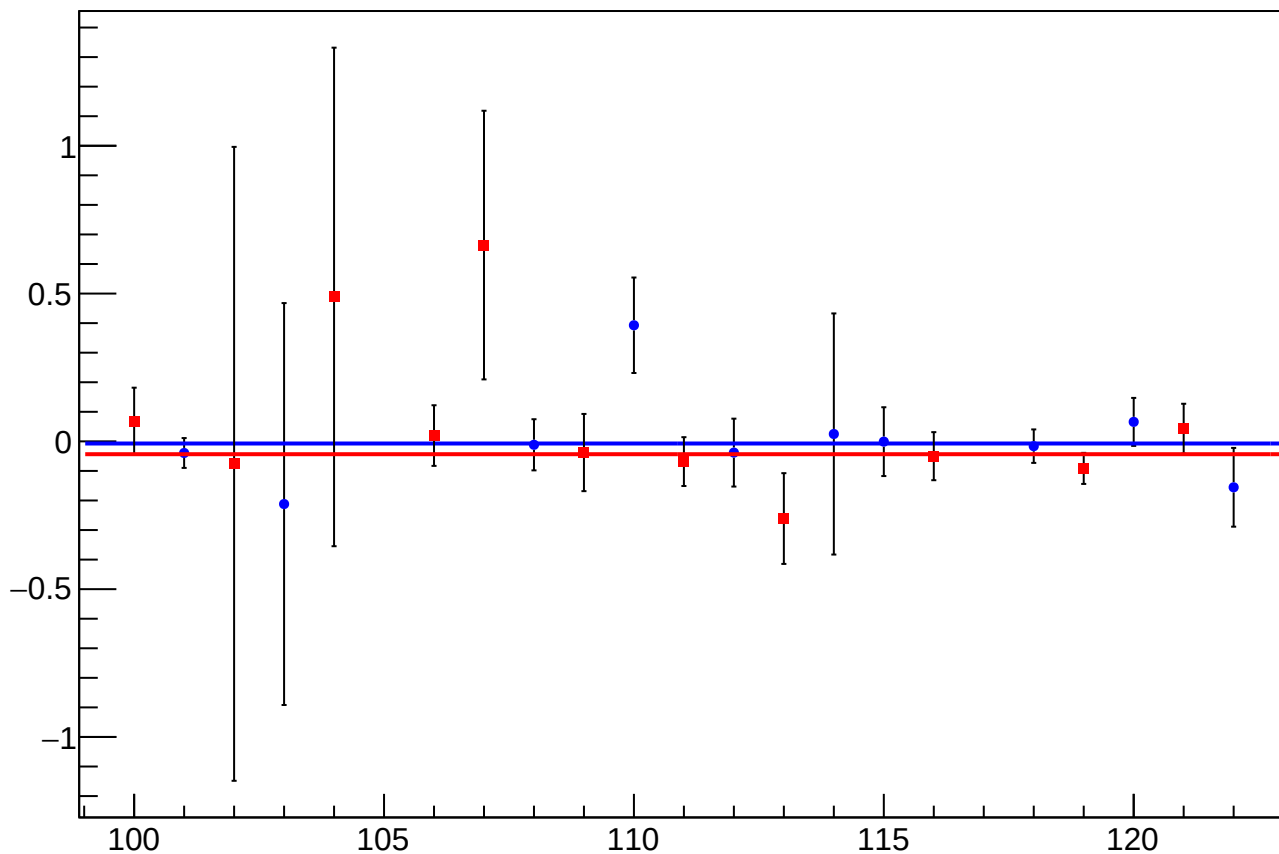
Right: 0.001+/-0.000 χ^2/NDF : 5543756.1/20

In: 0.001+/-0.000 χ^2/NDF :2253594.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5543756.1/20

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.028 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.043 $\pm$ 0.030 χ^2 /NDF: 8.2/10

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

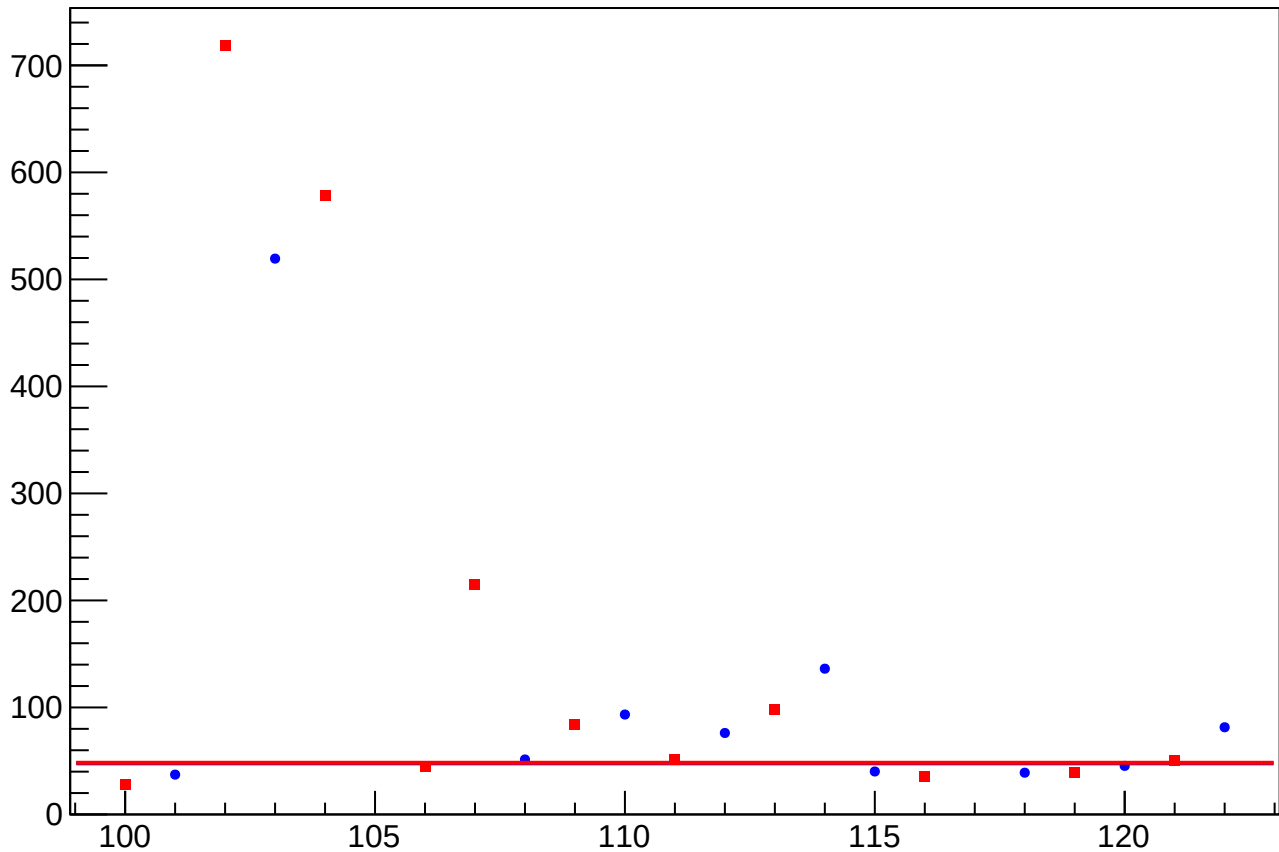
Right: -0.024 $\pm$ 0.021 χ^2 /NDF: 17.7/20

In: -0.007 $\pm$ 0.028 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.021 χ^2 /NDF: 17.7/20

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.813+/-0.020 χ^2/NDF : 1614695.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.291+/-0.021 χ^2/NDF : 2379608.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

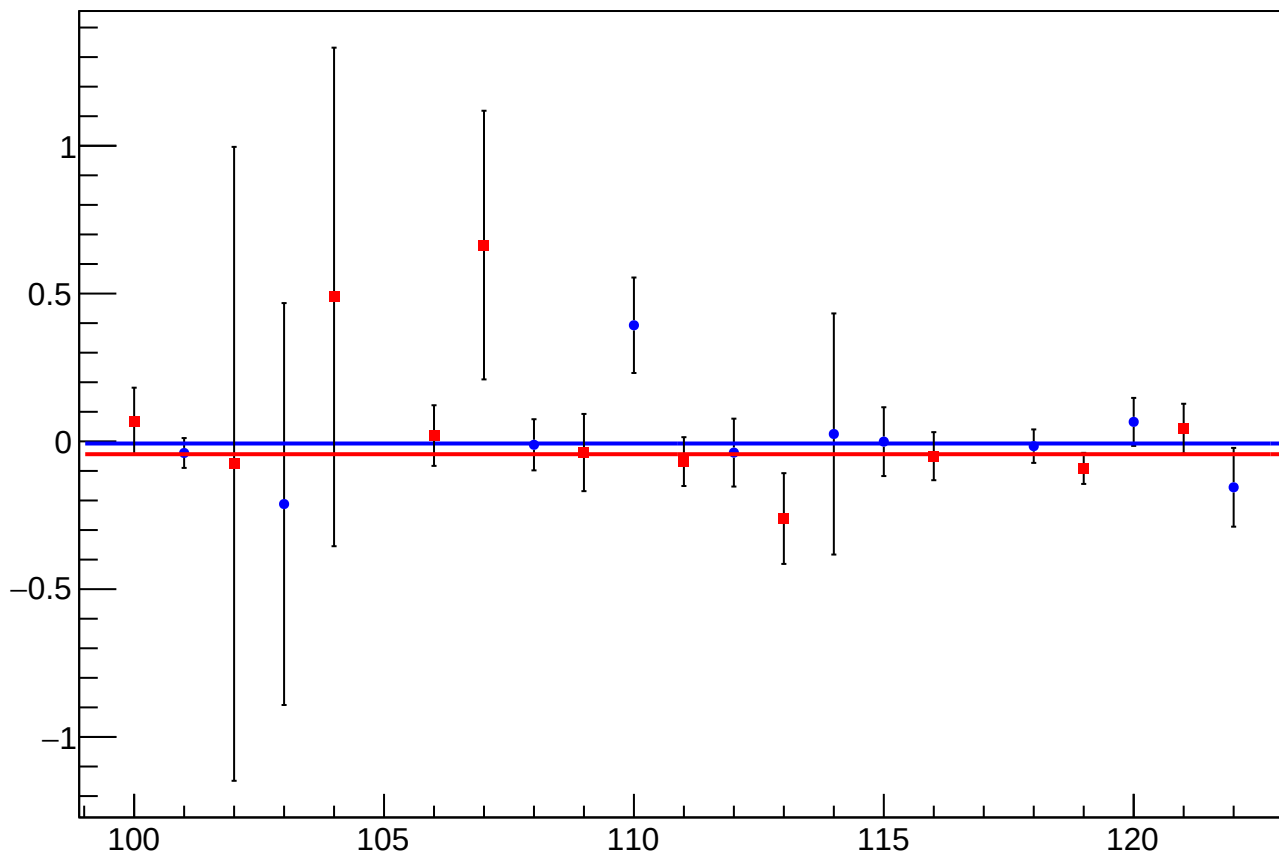
Right: 48.035+/-0.015 χ^2/NDF : 3994568.1/20

In: 47.813+/-0.020 χ^2/NDF : 1614695.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.035+/-0.015 χ^2/NDF : 3994568.1/20

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.028 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.043 $\pm$ 0.030 χ^2 /NDF: 8.2/10

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

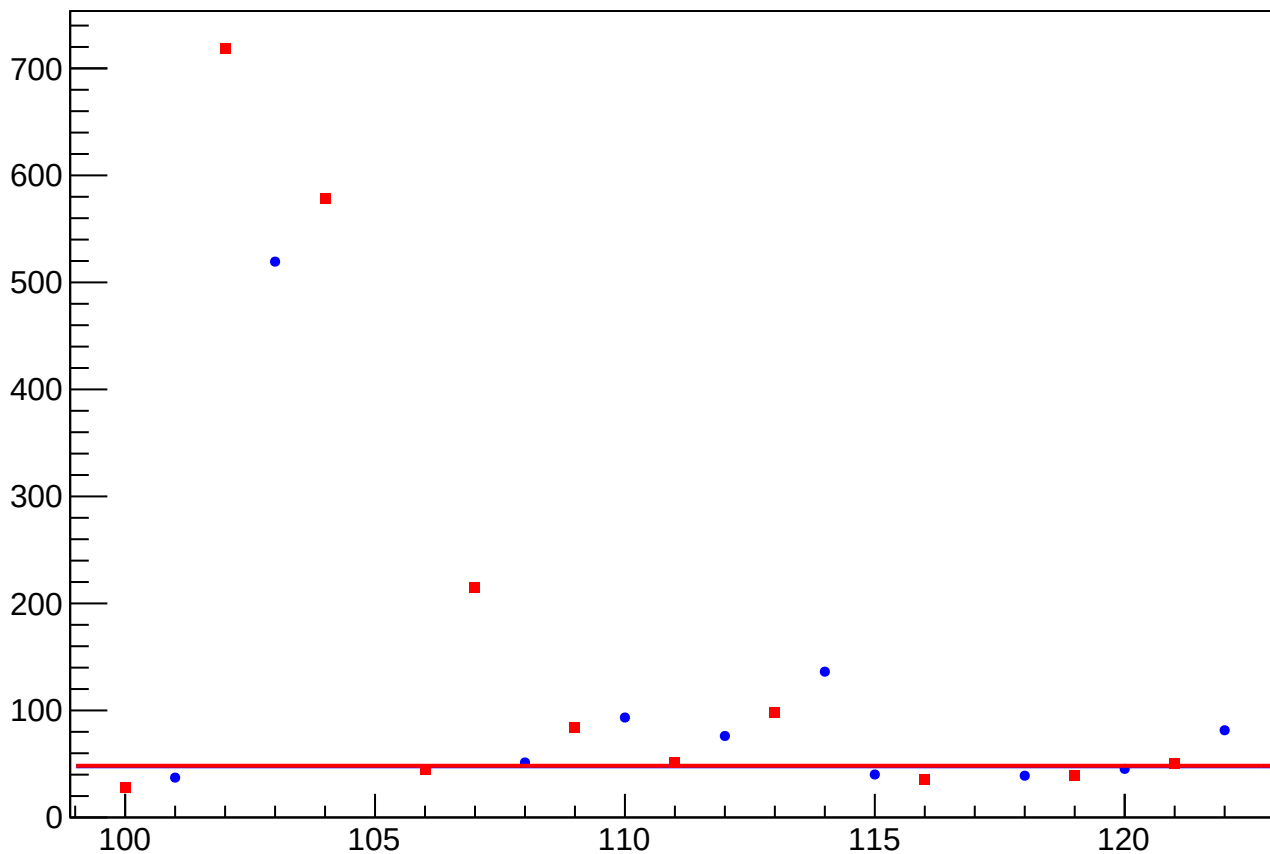
Right: -0.024 $\pm$ 0.021 χ^2 /NDF: 17.7/20

In: -0.007 $\pm$ 0.028 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.021 χ^2 /NDF: 17.7/20

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.813+/-0.020 χ^2/NDF : 1614695.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.291+/-0.021 χ^2/NDF : 2379608.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

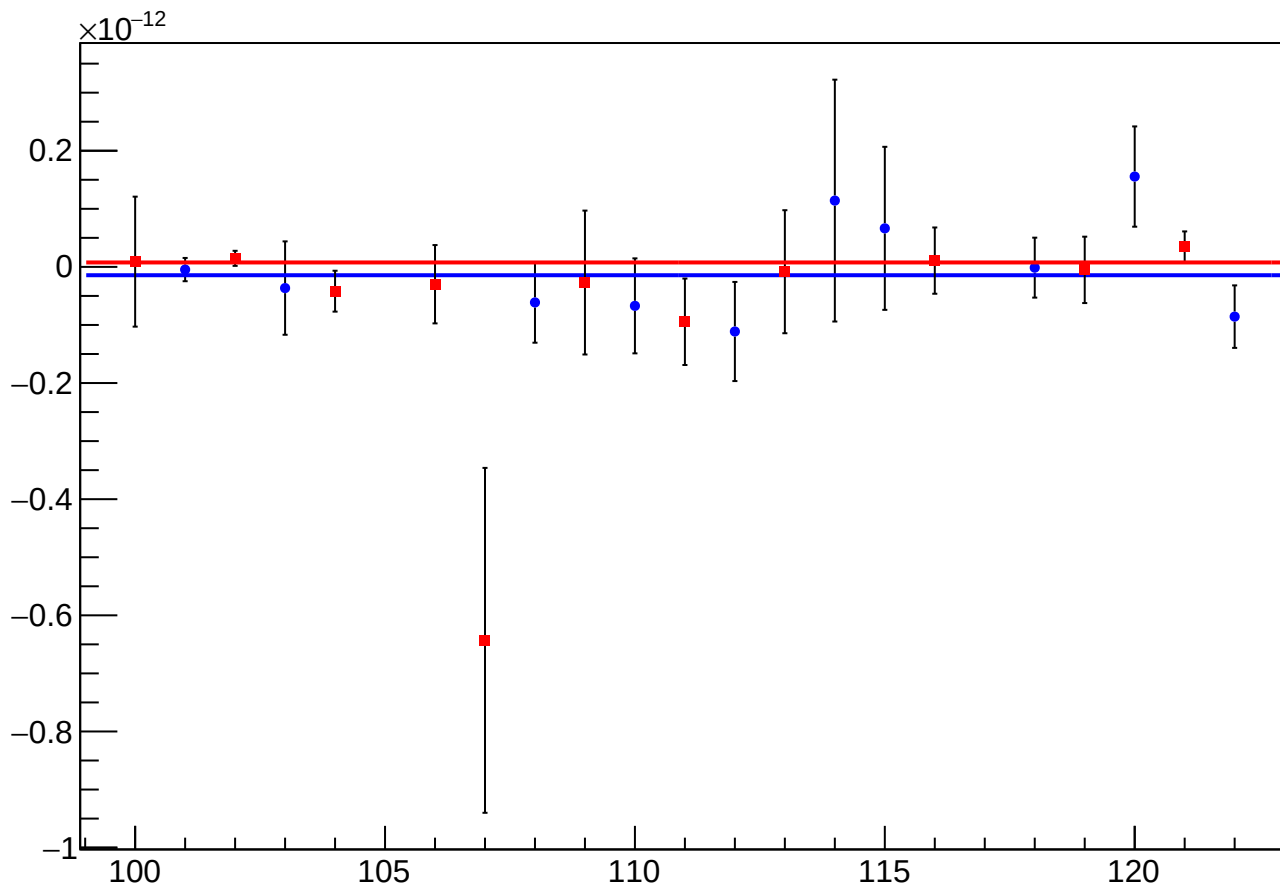
Right: 48.035+/-0.015 χ^2/NDF : 3994568.1/20

In: 47.813+/-0.020 χ^2/NDF : 1614695.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.035+/-0.015 χ^2/NDF : 3994568.1/20

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/9

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

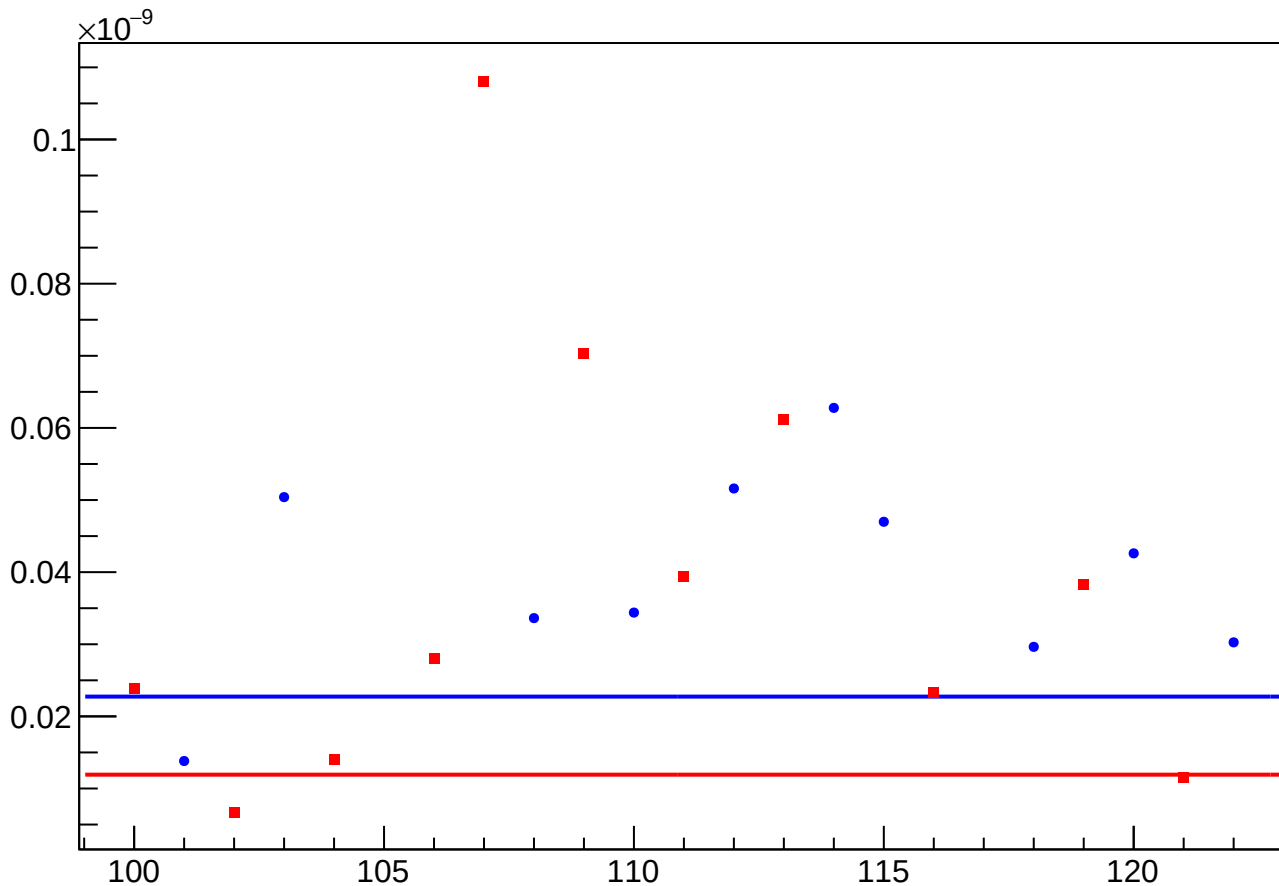
Right: 0.000+/-0.000 χ^2/NDF : 20.7/20

In: -0.000+/-0.000 χ^2/NDF :8.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/20

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1267186.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2338661.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

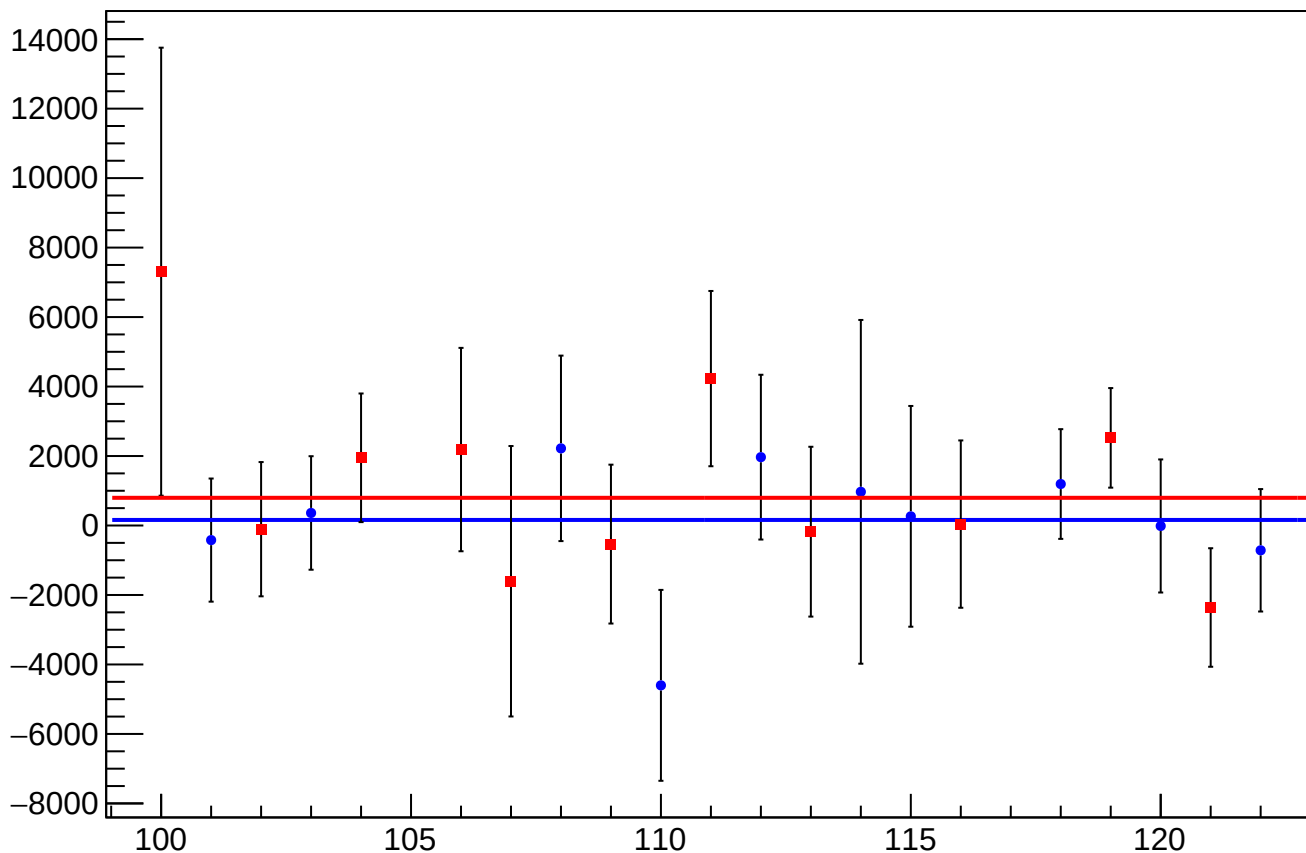
Right: 0.000+/-0.000 χ^2/NDF : 4271907.3/20

In: 0.000+/-0.000 χ^2/NDF : 1267186.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4271907.3/20

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 159.995+/-662.383 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.336+/-661.559 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

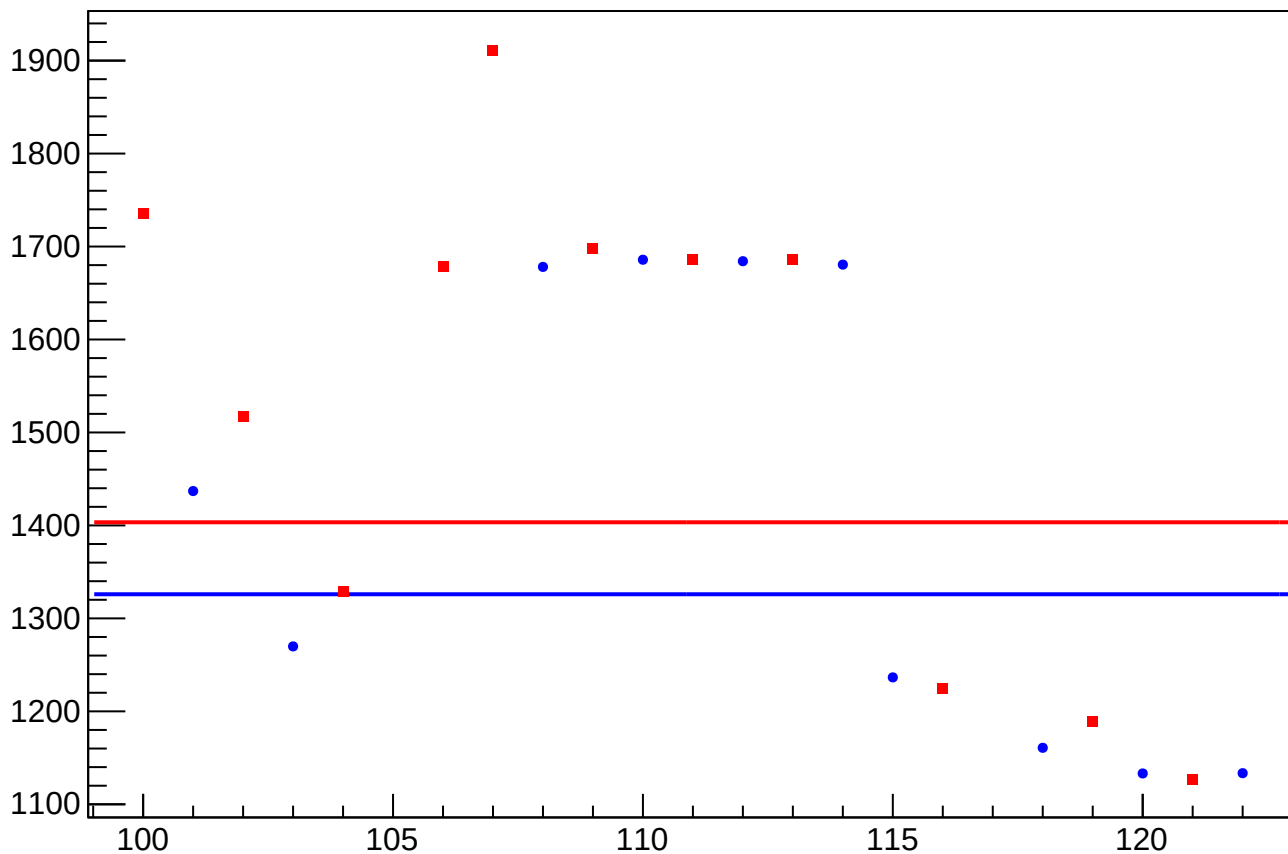
Right: 479.062+/-468.084 χ^2/NDF : 15.0/20

In: 159.995+/-662.383 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.062+/-468.084 χ^2/NDF : 15.0/20

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1325.953+/-0.468 χ^2/NDF : 202807.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1403.376+/-0.468 χ^2/NDF : 260937.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

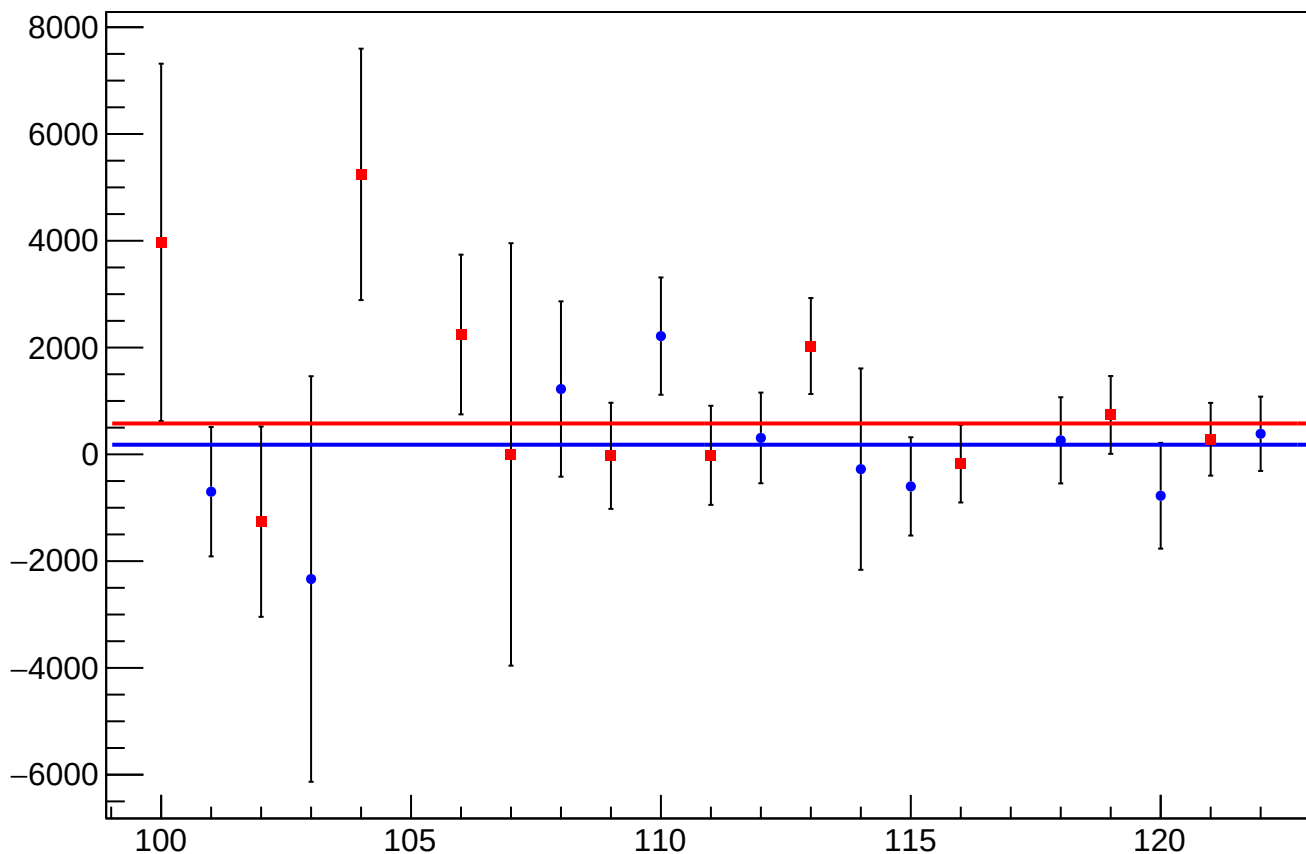
Right: 1364.713+/-0.331 χ^2/NDF : 477424.4/20

In: 1325.953+/-0.468 χ^2/NDF :202807.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1364.713+/-0.331 χ^2/NDF : 477424.4/20

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 180.198+/-325.800 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.265+/-309.555 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

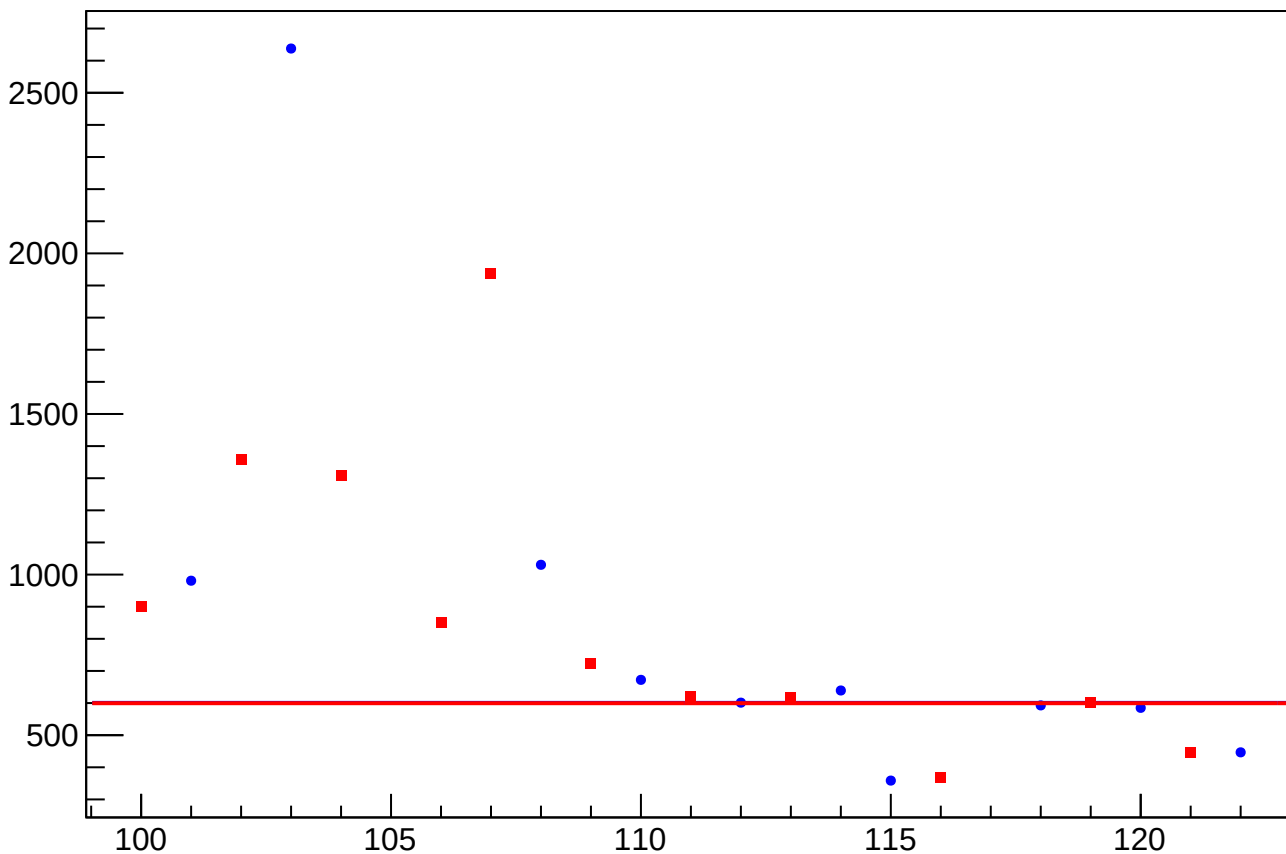
Right: 389.403+/-224.412 χ^2/NDF : 19.4/20

In: 180.198+/-325.800 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.403+/-224.412 χ^2/NDF : 19.4/20

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 600.516+/-0.230 χ^2/NDF : 1155994.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.575+/-0.219 χ^2/NDF : 1180864.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

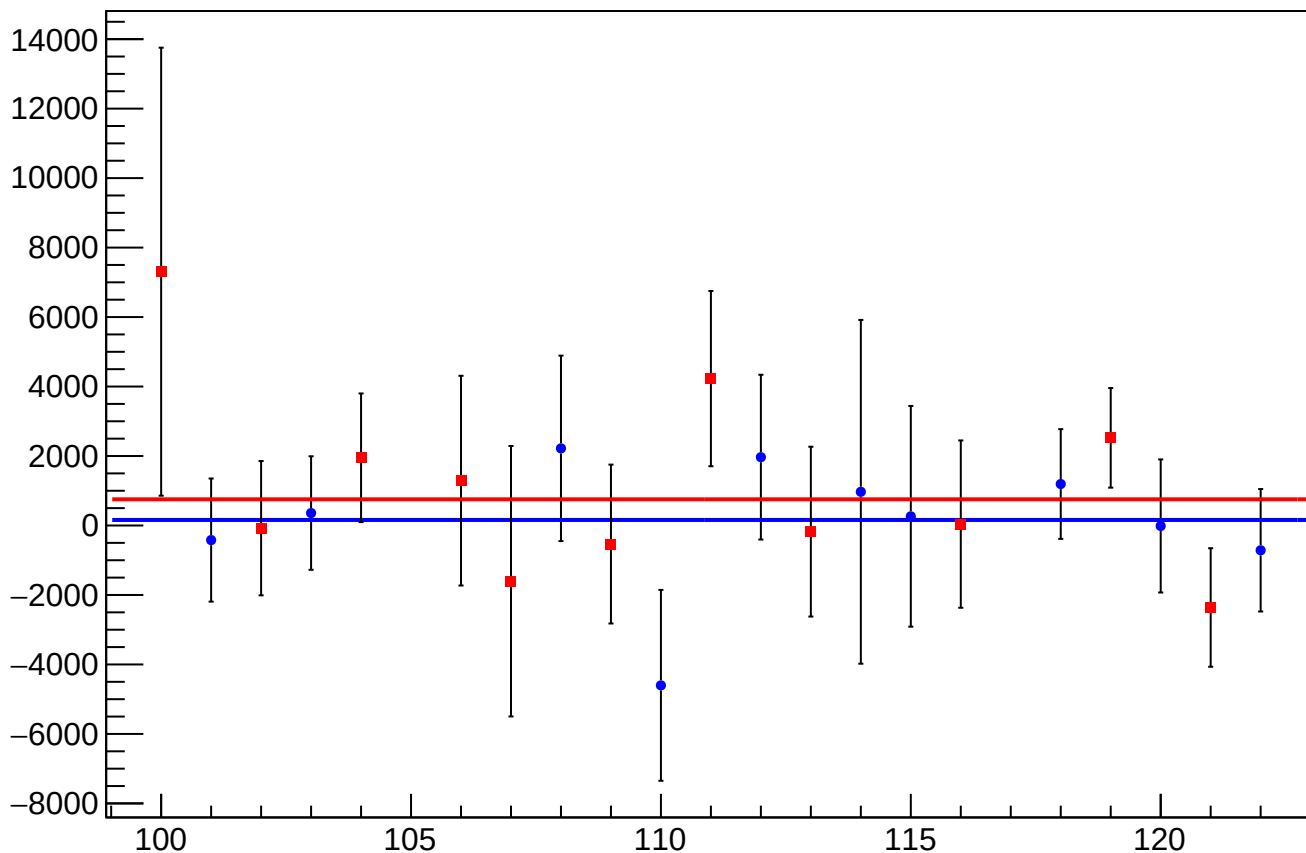
Right: 600.021+/-0.159 χ^2/NDF : 2336867.8/20

In: 600.516+/-0.230 χ^2/NDF : 1155994.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.021+/-0.159 χ^2/NDF : 2336867.8/20

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 159.573+/-662.383 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 753.632+/-662.577 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

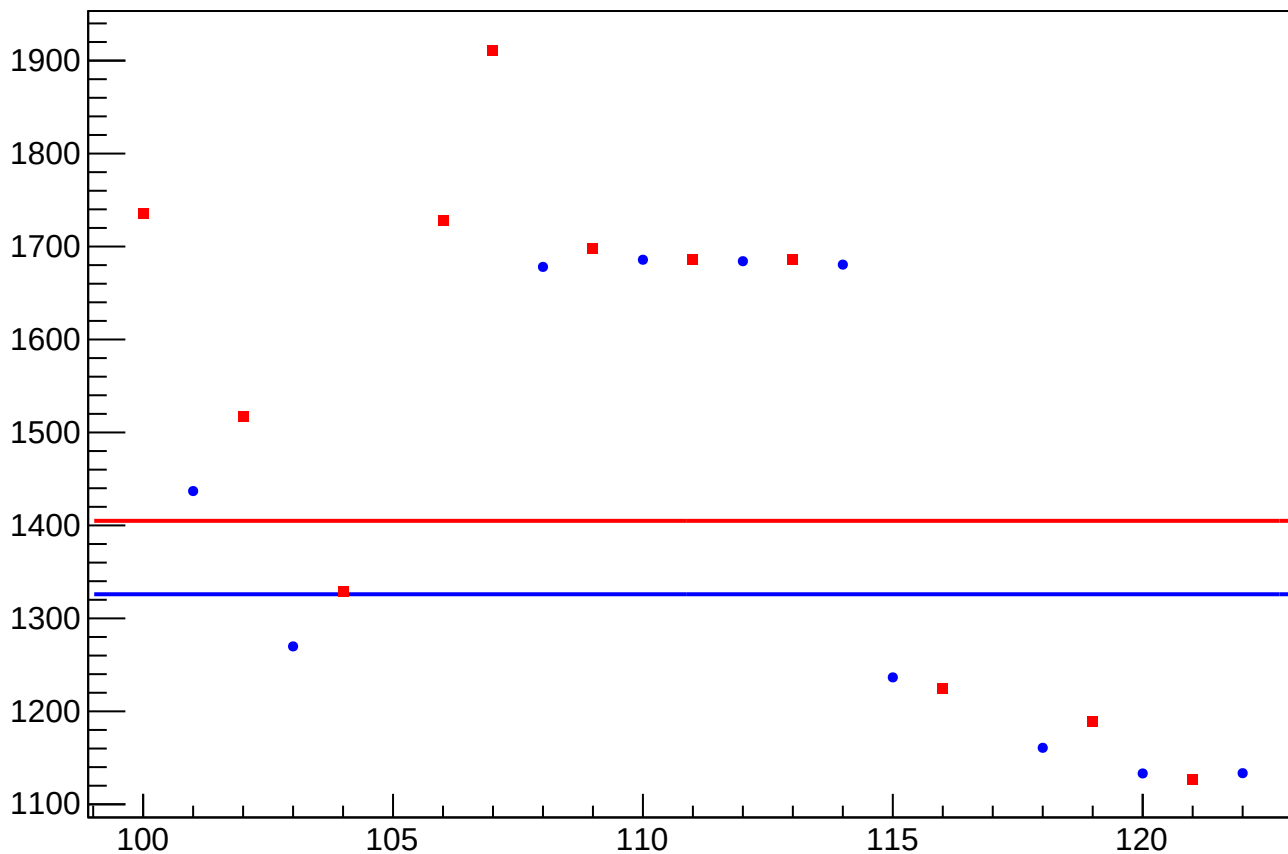
Right: 456.515+/-468.444 χ^2/NDF : 14.8/20

In: 159.573+/-662.383 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.515+/-468.444 χ^2/NDF : 14.8/20

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1325.953+/-0.468 χ^2/NDF : 202807.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1404.934+/-0.469 χ^2/NDF : 266403.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

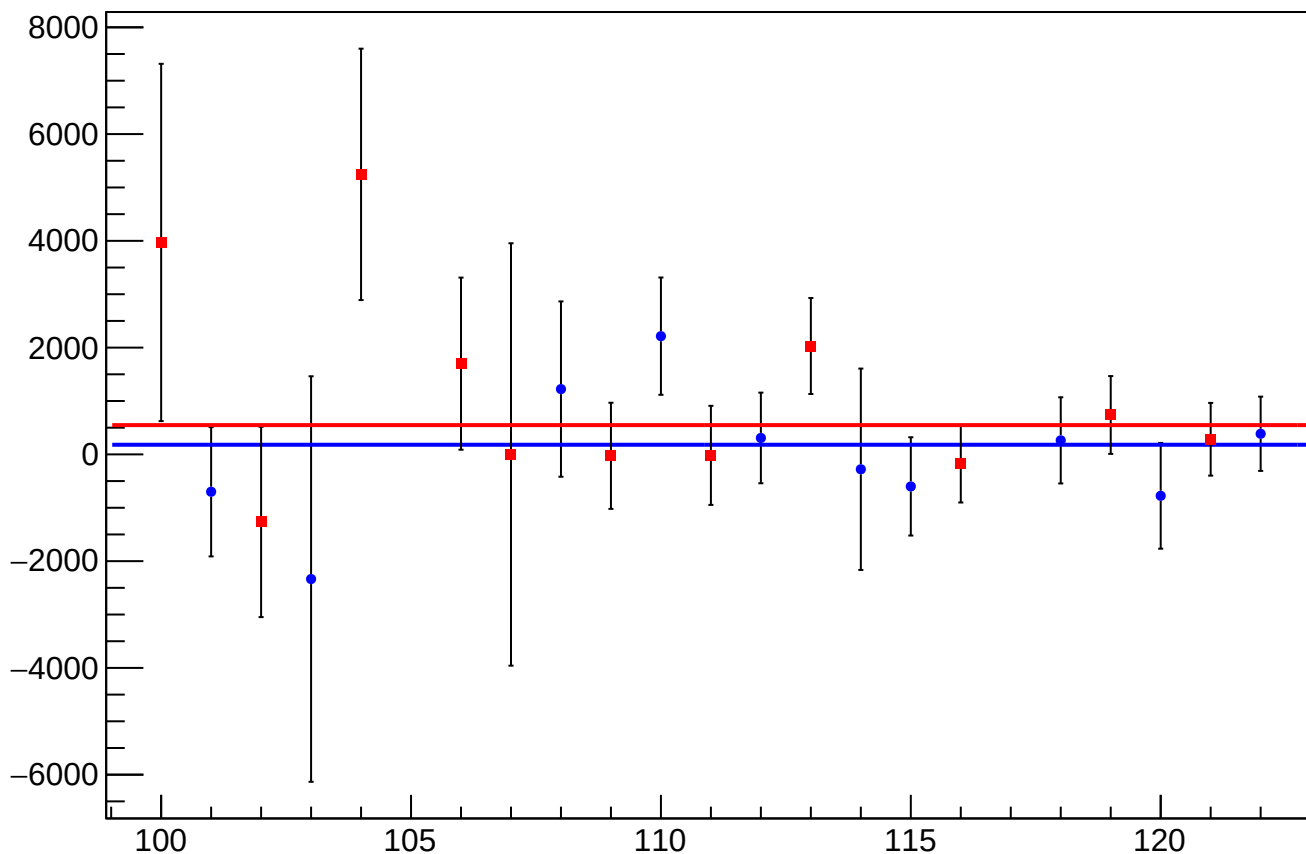
Right: 1365.432+/-0.331 χ^2/NDF : 483423.8/20

In: 1325.953+/-0.468 χ^2/NDF : 202807.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.432+/-0.331 χ^2/NDF : 483423.8/20

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 180.348+/-325.800 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.303+/-310.478 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

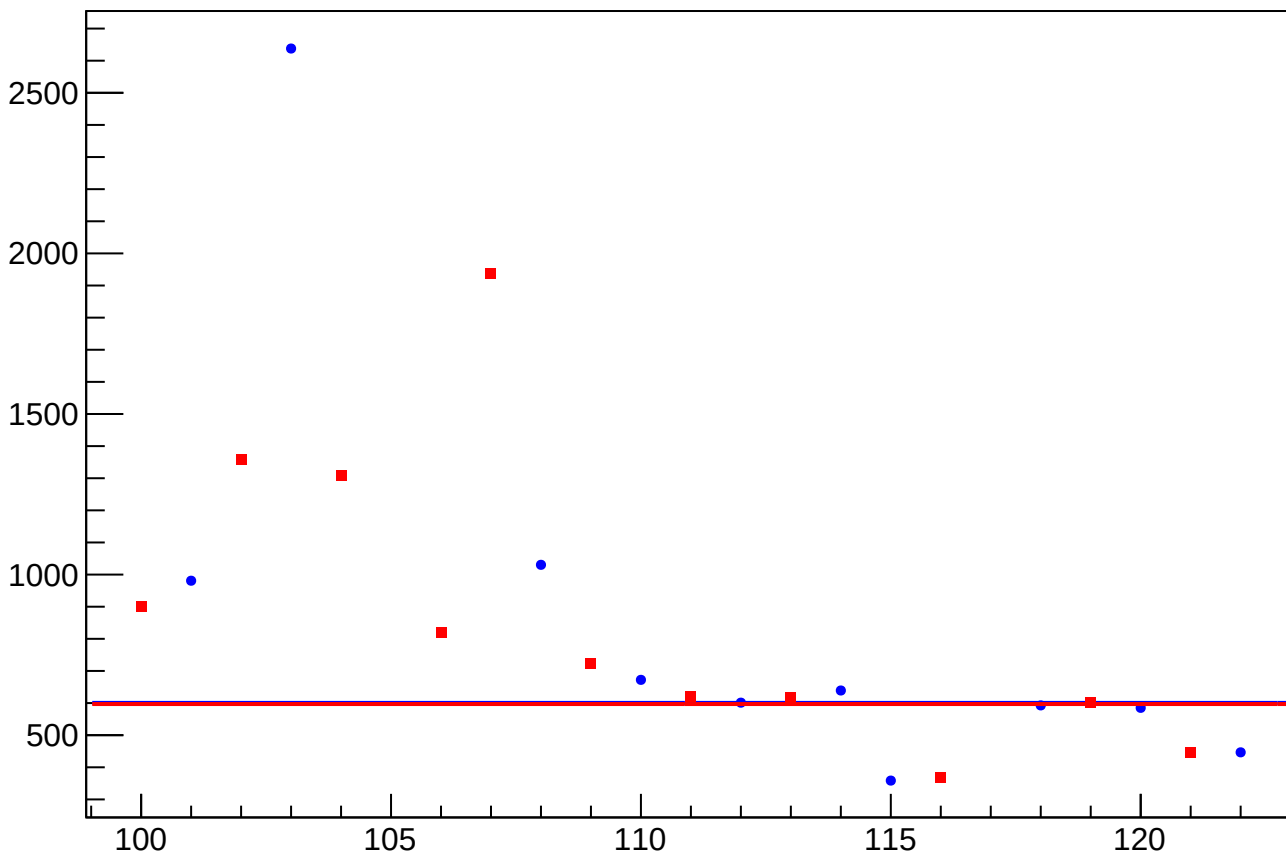
Right: 373.181+/-224.762 χ^2/NDF : 18.5/20

In: 180.348+/-325.800 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.181+/-224.762 χ^2/NDF : 18.5/20

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 600.515+/-0.230 χ^2/NDF : 1155959.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.943+/-0.220 χ^2/NDF : 1162219.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

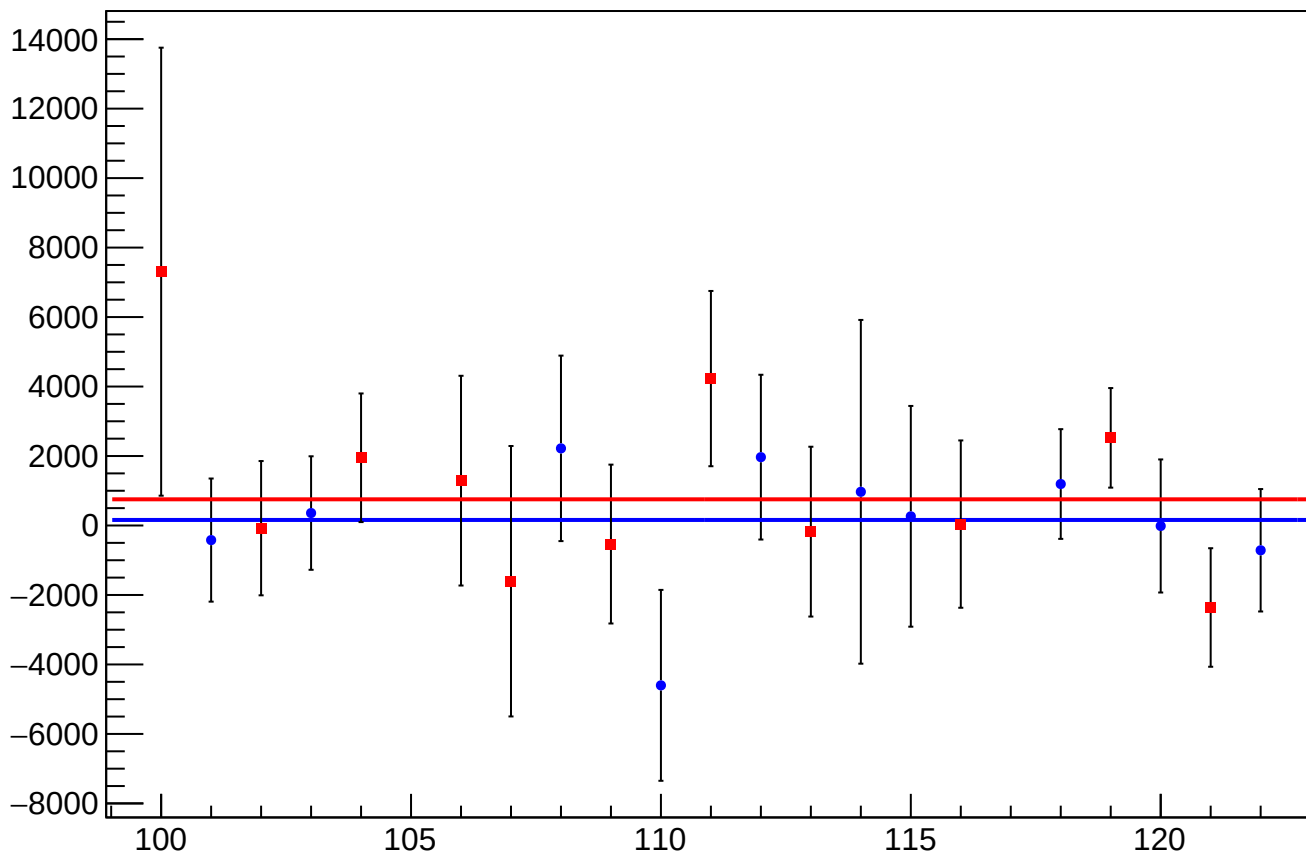
Right: 598.643+/-0.159 χ^2/NDF : 2318304.5/20

In: 600.515+/-0.230 χ^2/NDF : 1155959.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.643+/-0.159 χ^2/NDF : 2318304.5/20

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 159.573+/-662.383 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 753.632+/-662.577 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

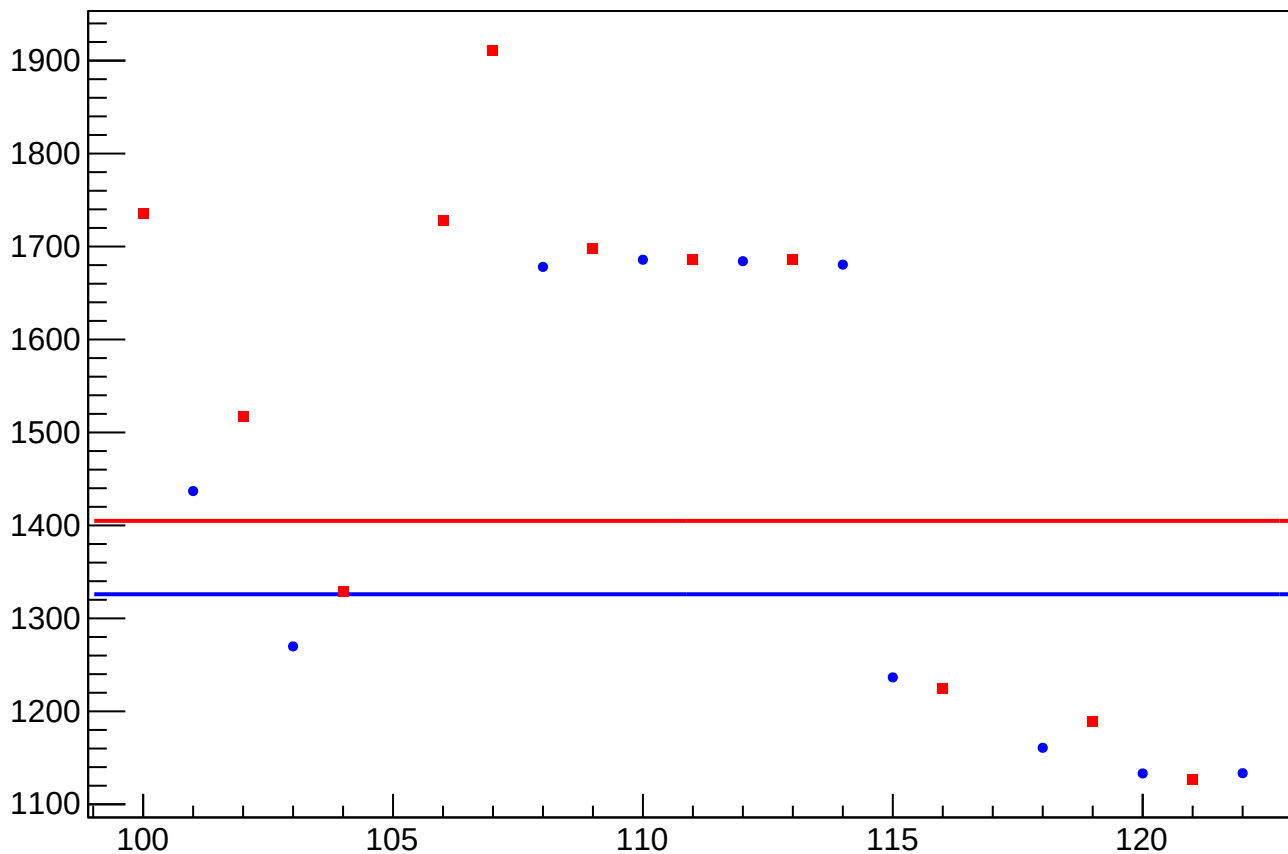
Right: 456.515+/-468.444 χ^2/NDF : 14.8/20

In: 159.573+/-662.383 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.515+/-468.444 χ^2/NDF : 14.8/20

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1325.953+/-0.468 χ^2/NDF : 202807.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1404.934+/-0.469 χ^2/NDF : 266403.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

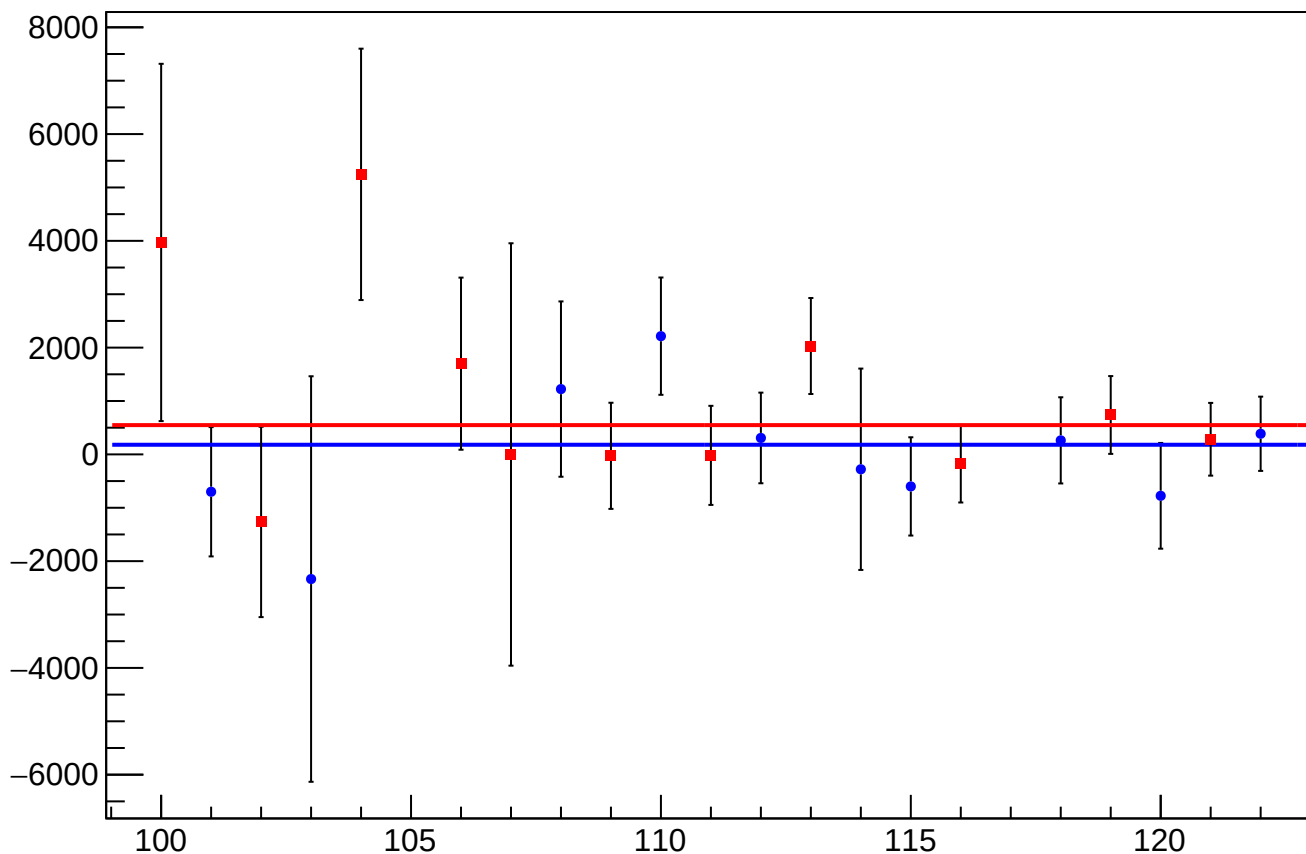
Right: 1365.432+/-0.331 χ^2/NDF : 483423.8/20

In: 1325.953+/-0.468 χ^2/NDF : 202807.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.432+/-0.331 χ^2/NDF : 483423.8/20

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 180.348+/-325.800 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.303+/-310.478 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

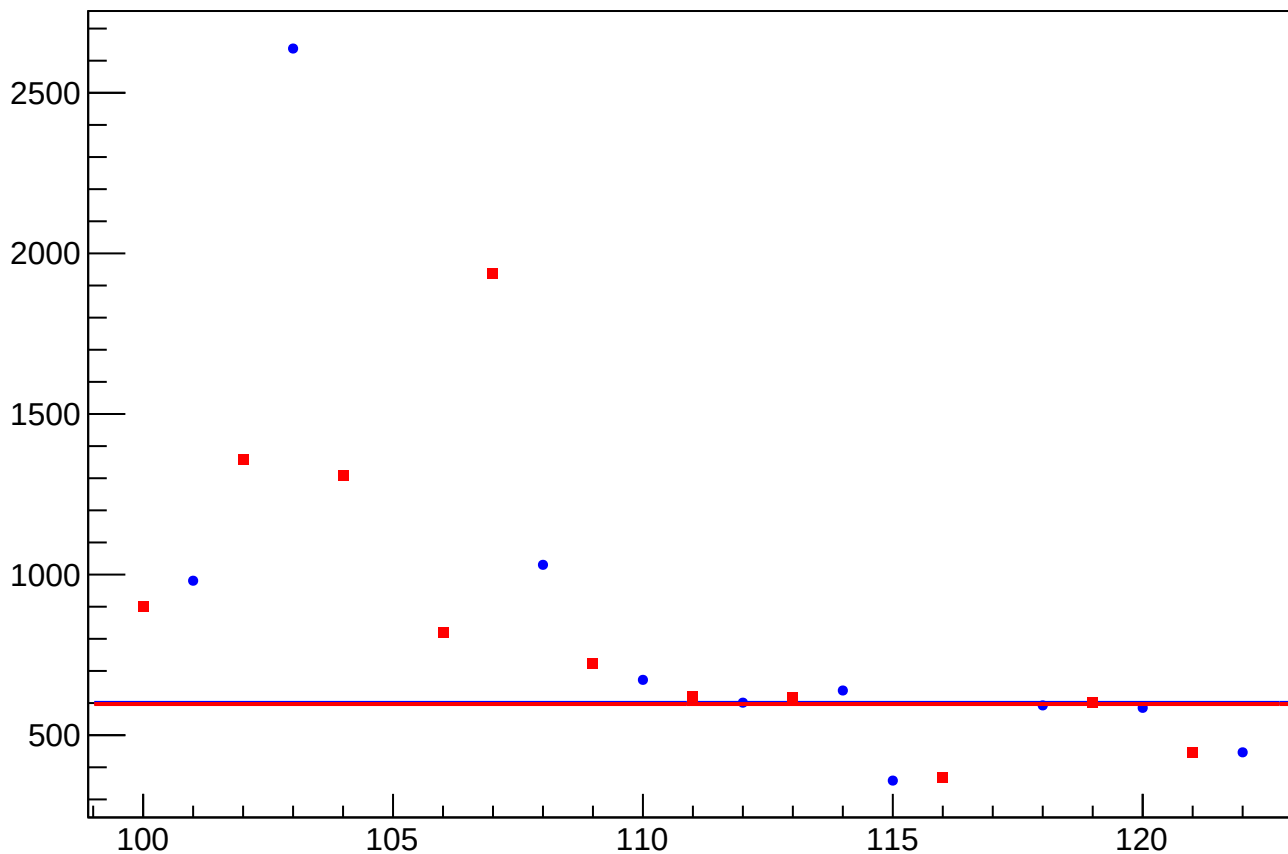
Right: 373.181+/-224.762 χ^2/NDF : 18.5/20

In: 180.348+/-325.800 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.181+/-224.762 χ^2/NDF : 18.5/20

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 600.515+/-0.230 χ^2/NDF : 1155959.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.943+/-0.220 χ^2/NDF : 1162219.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

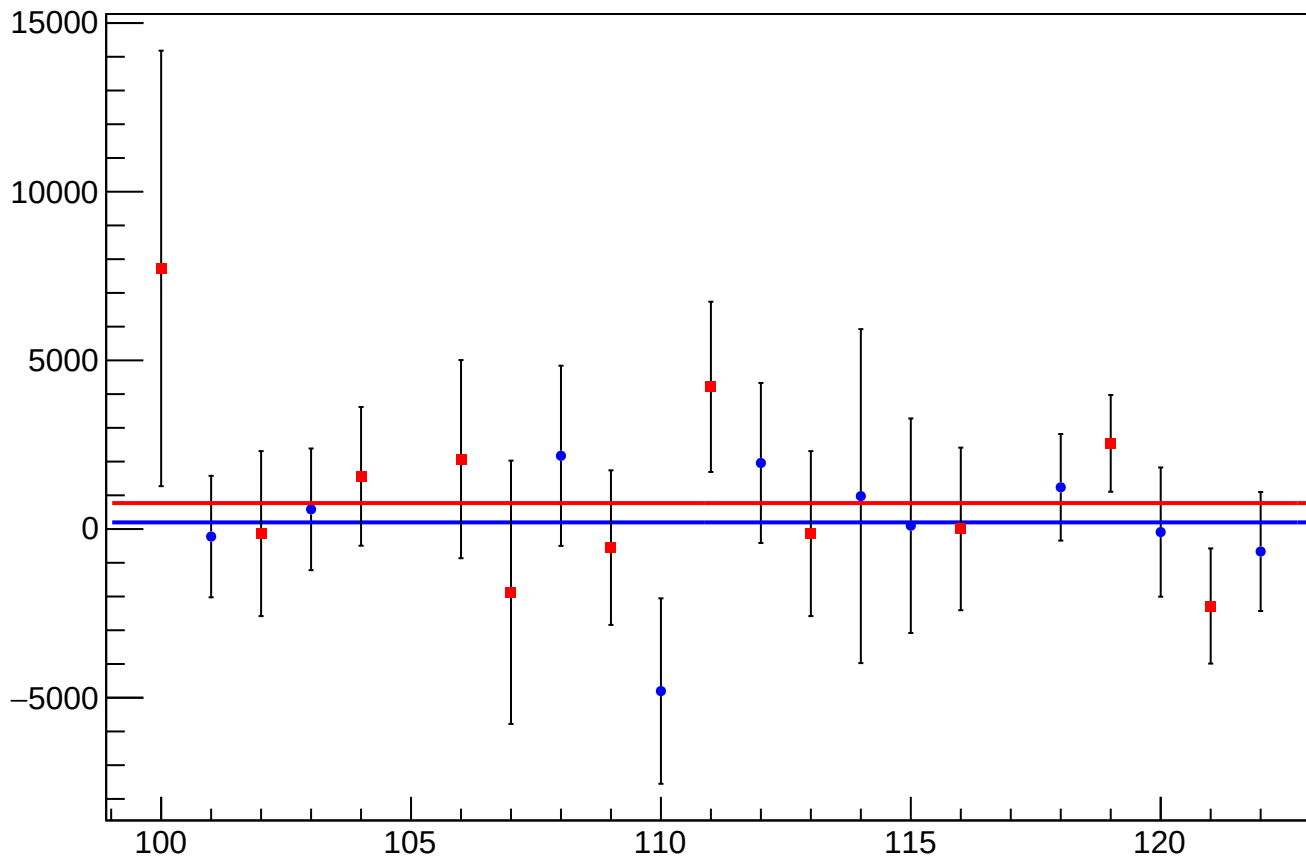
Right: 598.643+/-0.159 χ^2/NDF : 2318304.5/20

In: 600.515+/-0.230 χ^2/NDF : 1155959.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.643+/-0.159 χ^2/NDF : 2318304.5/20

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 197.685+/-674.100 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 769.935+/-685.864 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

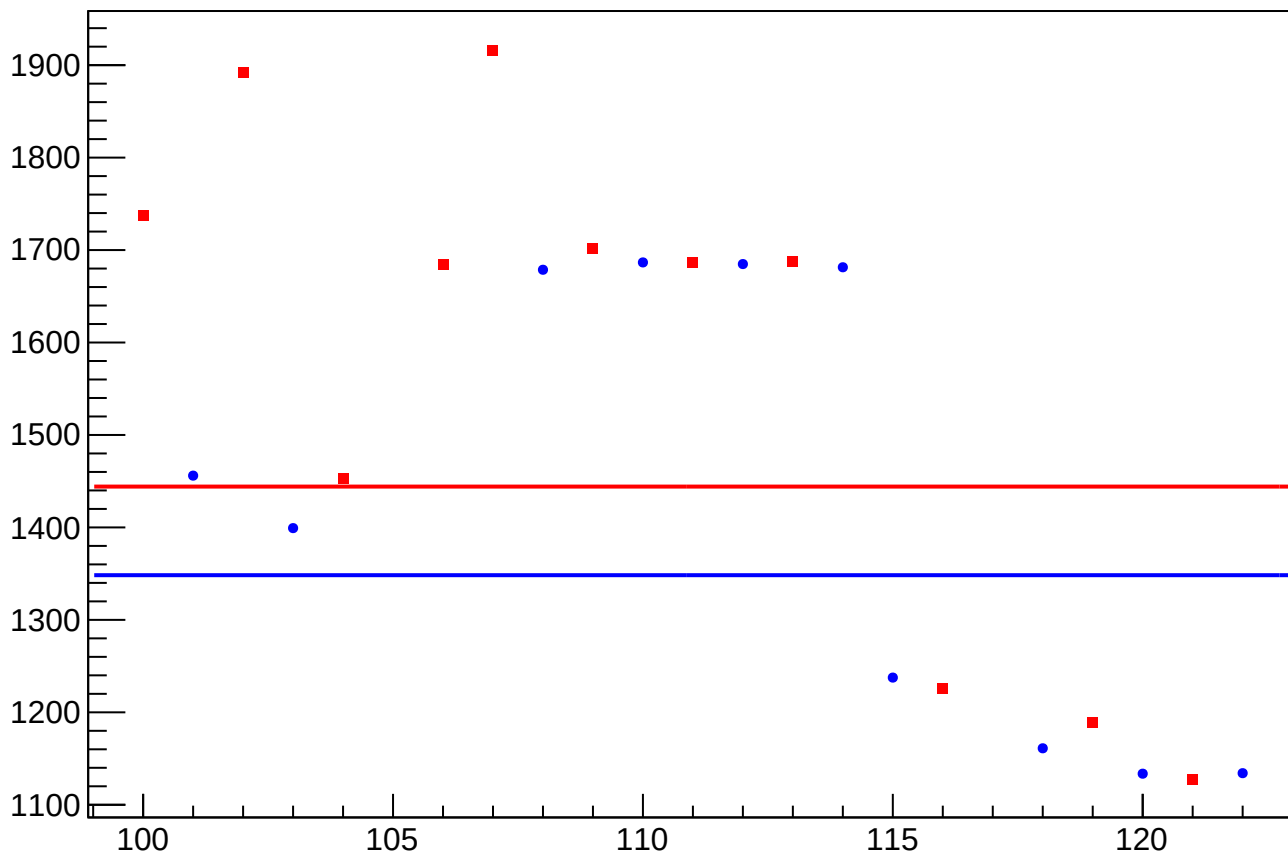
Right: 478.860+/-480.766 χ^2/NDF : 14.8/20

In: 197.685+/-674.100 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.860+/-480.766 χ^2/NDF : 14.8/20

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1348.330+/-0.477 χ^2/NDF : 204074.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.173+/-0.485 χ^2/NDF : 325965.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

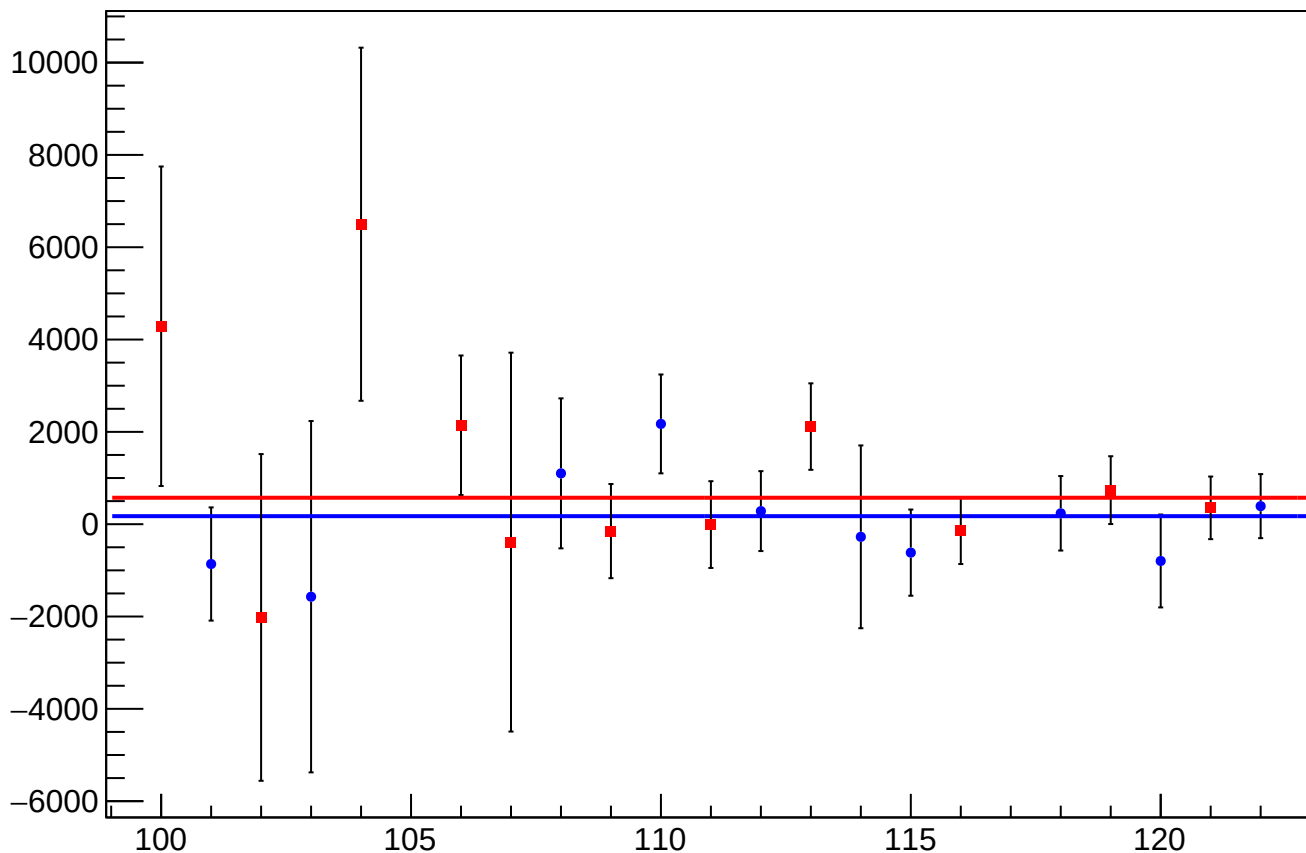
Right: 1395.423+/-0.340 χ^2/NDF : 549904.4/20

In: 1348.330+/-0.477 χ^2/NDF : 204074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.423+/-0.340 χ^2/NDF : 549904.4/20

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 173.806+/-327.482 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 573.182+/-317.682 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

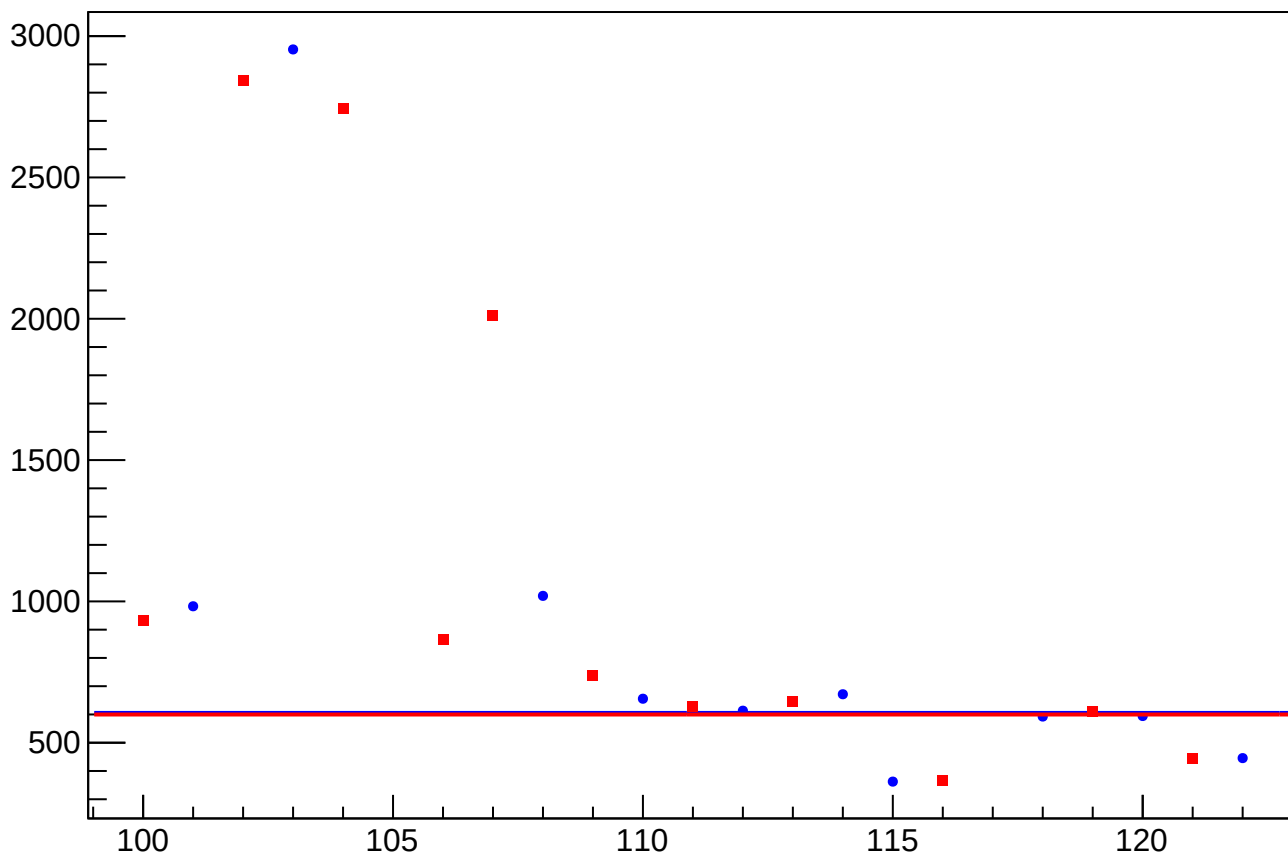
Right: 379.559+/-228.021 χ^2/NDF : 17.3/20

In: 173.806+/-327.482 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.559+/-228.021 χ^2/NDF : 17.3/20

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.398+/-0.232 χ^2/NDF : 1329526.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 599.851+/-0.225 χ^2/NDF : 2106310.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

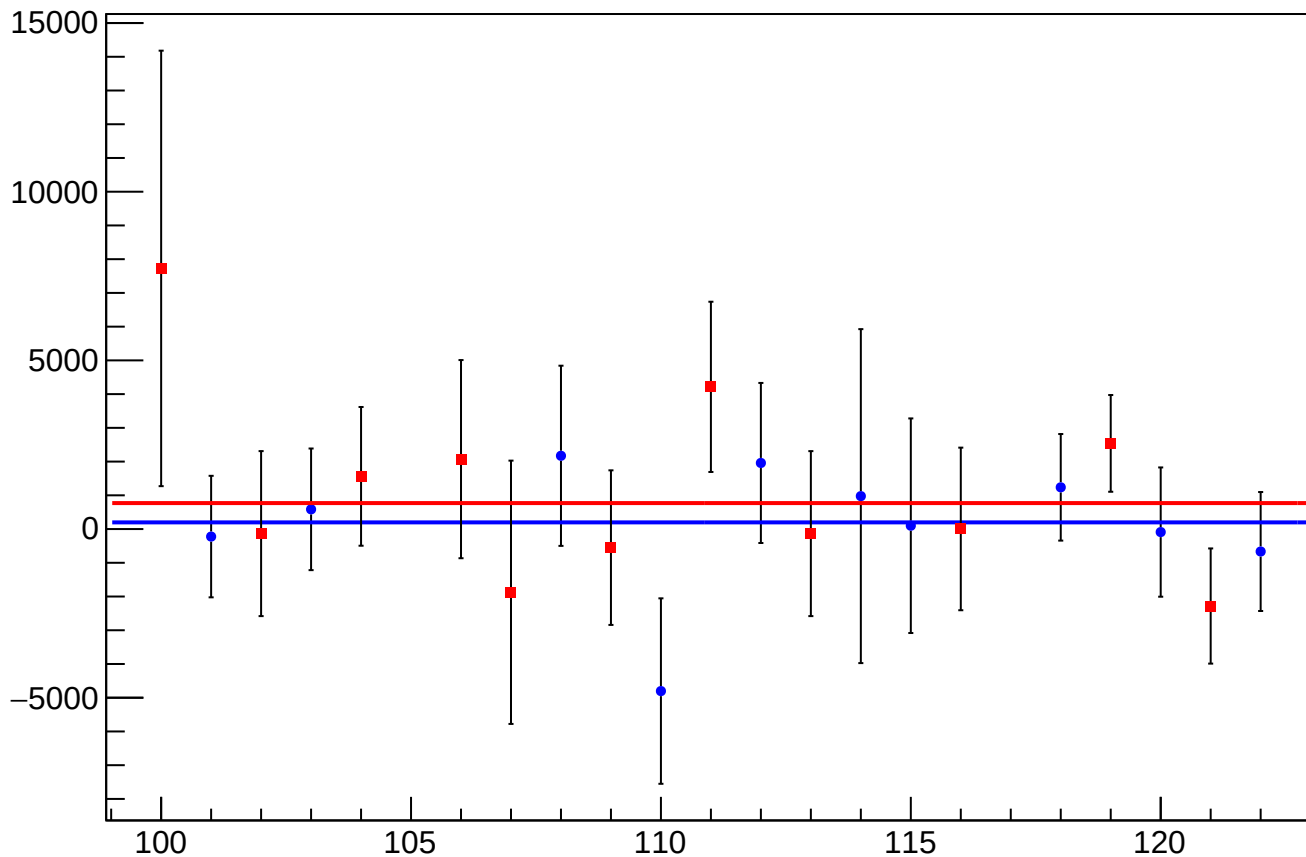
Right: 602.540+/-0.161 χ^2/NDF : 3436132.8/20

In: 605.398+/-0.232 χ^2/NDF :1329526.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 602.540+/-0.161 χ^2/NDF : 3436132.8/20

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 197.687+/-674.099 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 769.935+/-685.864 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

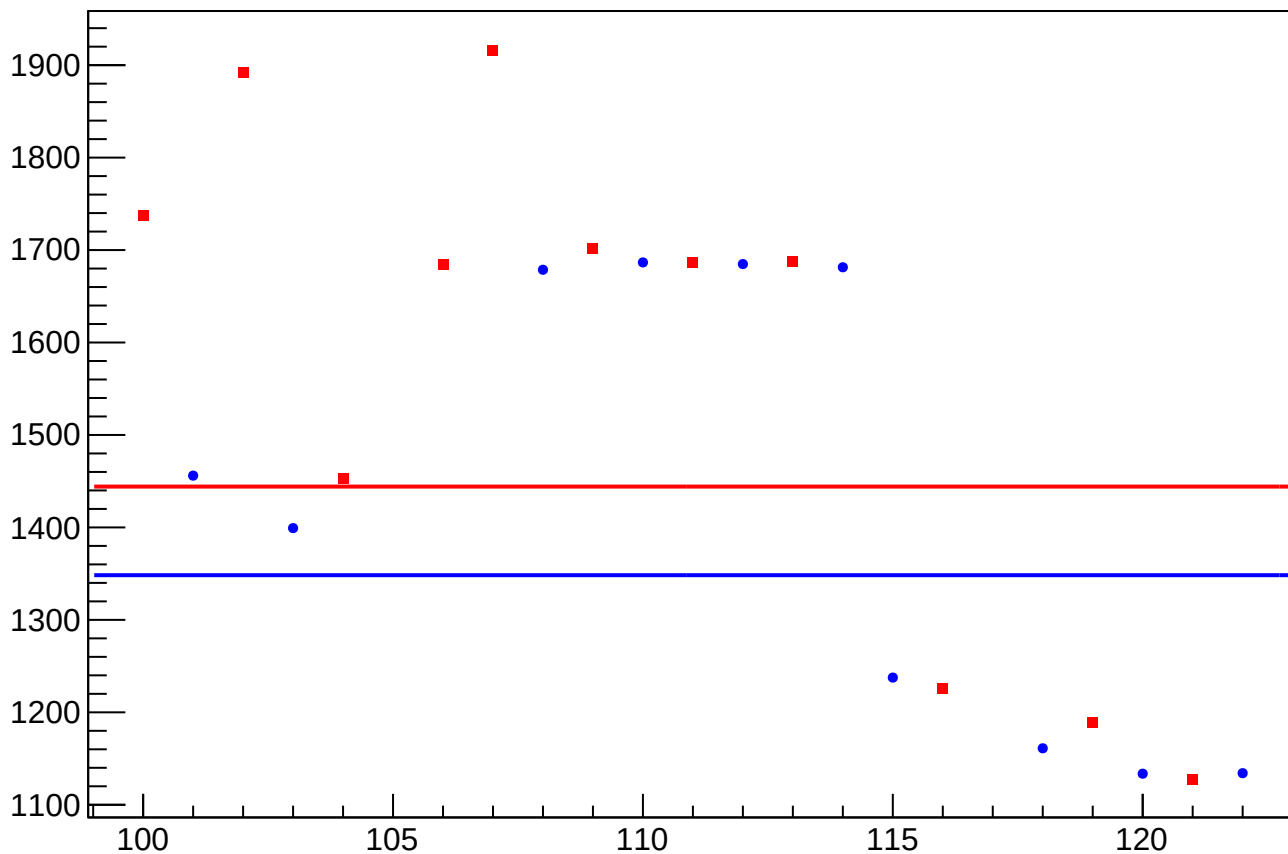
Right: 478.861+/-480.766 χ^2/NDF : 14.8/20

In: 197.687+/-674.099 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.861+/-480.766 χ^2/NDF : 14.8/20

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1348.330+/-0.477 χ^2/NDF : 204073.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.173+/-0.485 χ^2/NDF : 325965.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

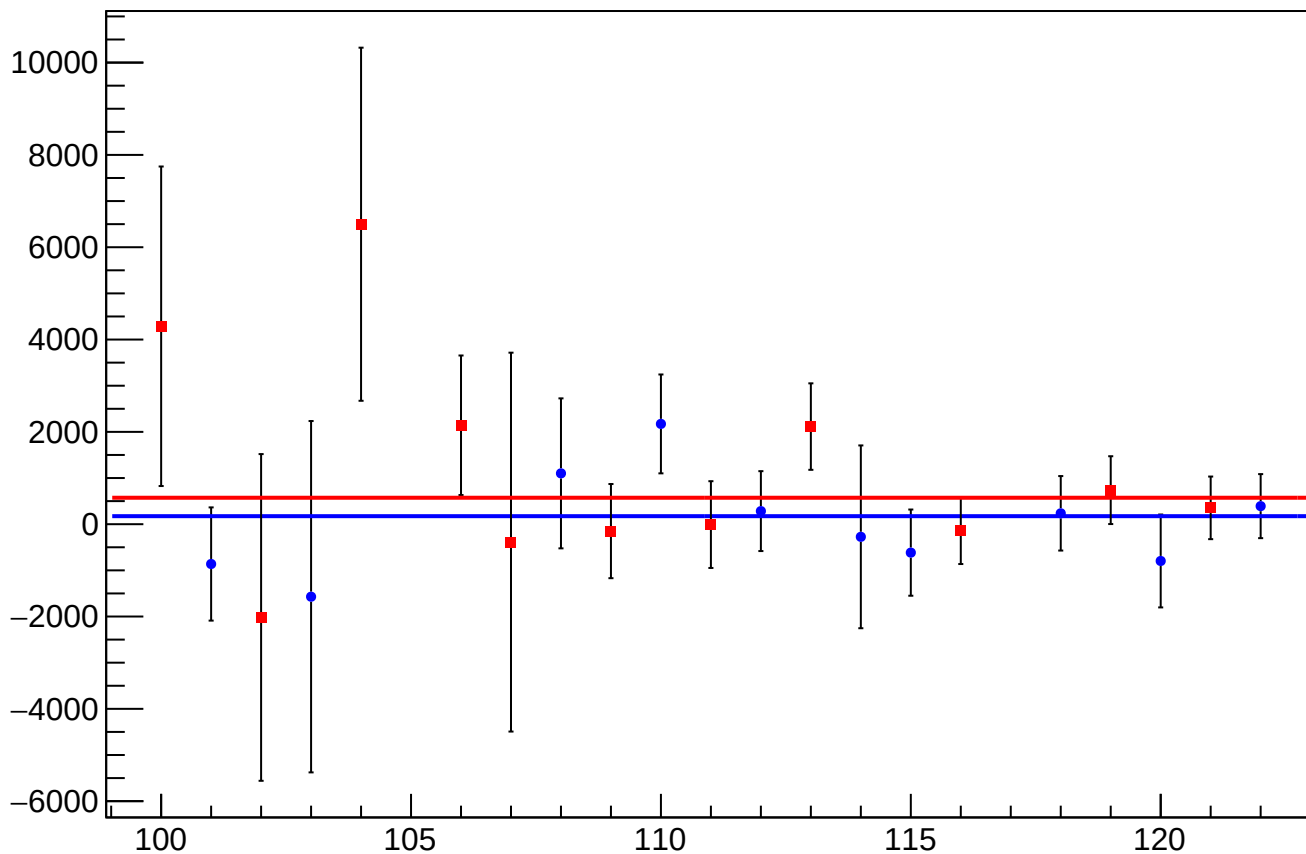
Right: 1395.422+/-0.340 χ^2/NDF : 549904.1/20

In: 1348.330+/-0.477 χ^2/NDF : 204073.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.422+/-0.340 χ^2/NDF : 549904.1/20

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 173.806+/-327.481 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 573.181+/-317.682 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

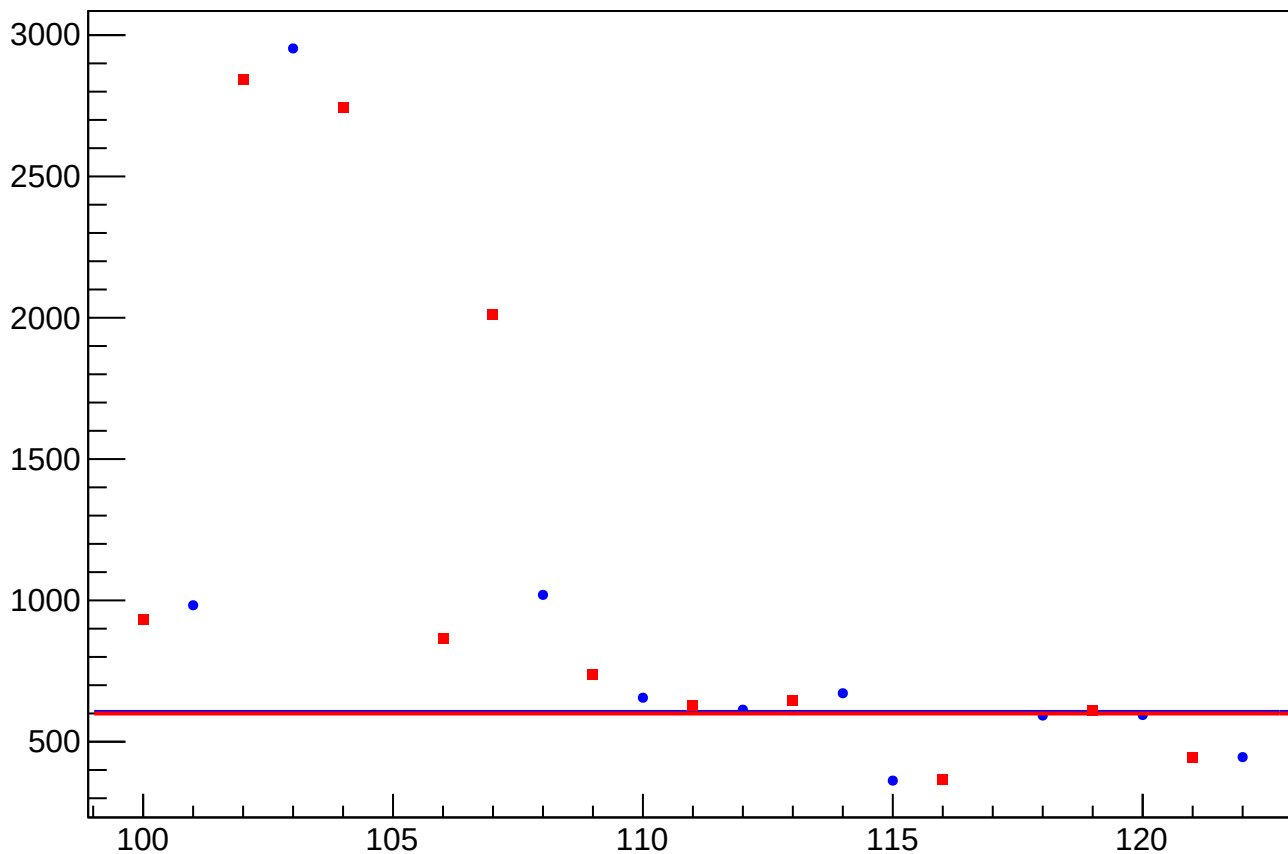
Right: 379.558+/-228.021 χ^2/NDF : 17.3/20

In: 173.806+/-327.481 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.558+/-228.021 χ^2/NDF : 17.3/20

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.398+/-0.232 χ^2/NDF : 1329525.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.850+/-0.225 χ^2/NDF : 2106312.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

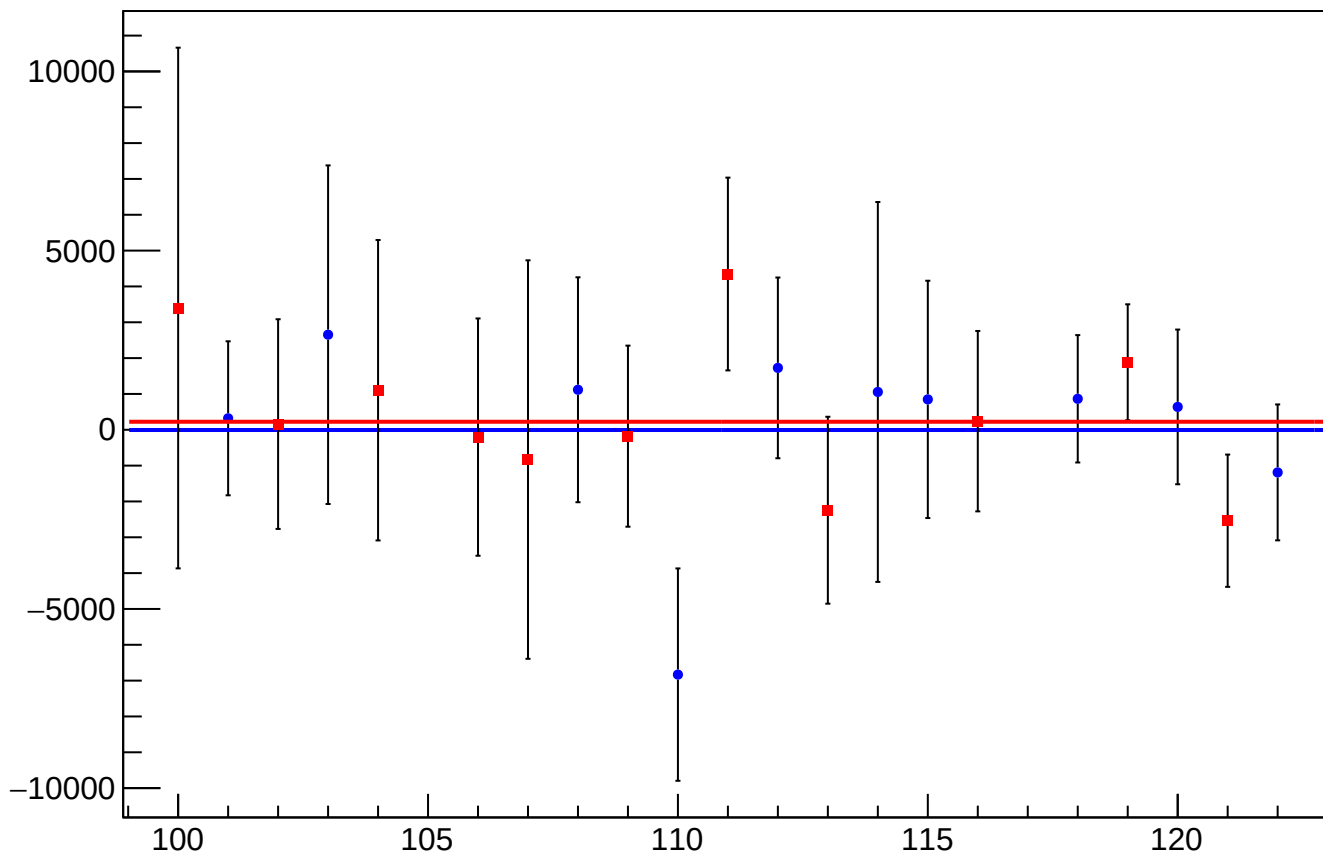
Right: 602.540+/-0.161 χ^2/NDF : 3436133.3/20

In: 605.398+/-0.232 χ^2/NDF : 1329525.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.540+/-0.161 χ^2/NDF : 3436133.3/20

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -6.379 ± 798.058 $\chi^2/\text{NDF}: 7.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 223.900 ± 792.634 $\chi^2/\text{NDF}: 6.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

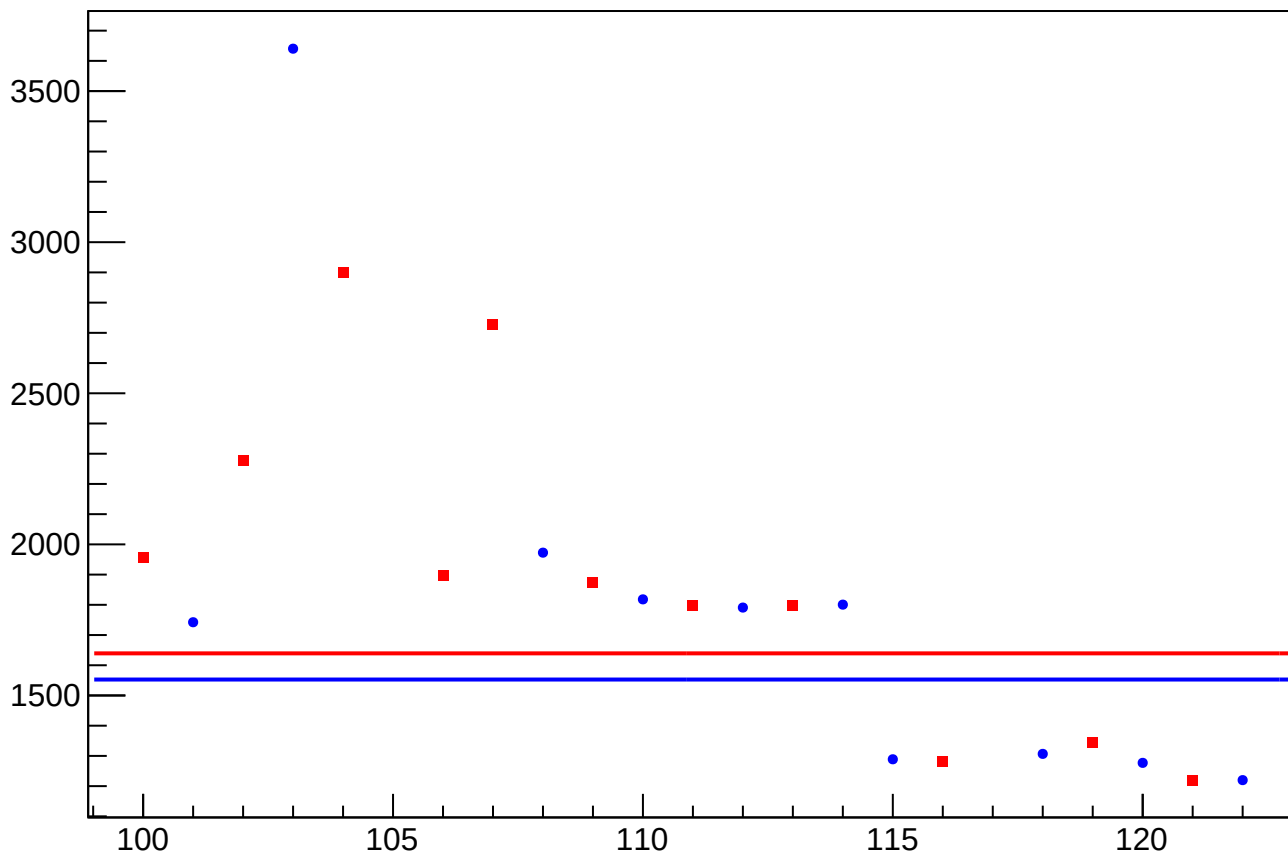
Right: 109.546 ± 562.385 $\chi^2/\text{NDF}: 14.0/20$

In: -6.379 ± 798.058 $\chi^2/\text{NDF}: 7.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 109.546 ± 562.385 $\chi^2/\text{NDF}: 14.0/20$

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1552.743+/-0.564 χ^2/NDF : 625344.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.353+/-0.560 χ^2/NDF : 612433.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

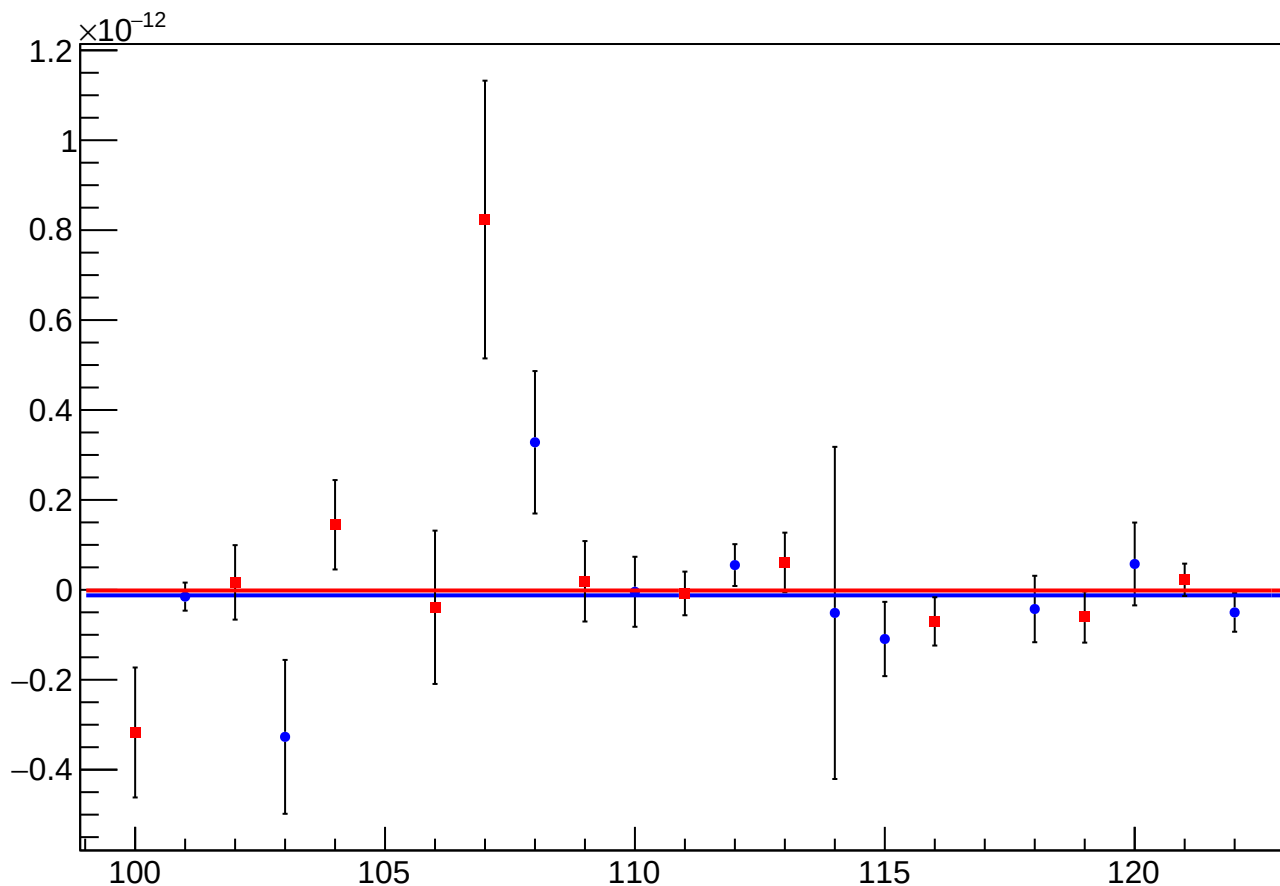
Right: 1596.344+/-0.398 χ^2/NDF : 1249636.0/20

In: 1552.743+/-0.564 χ^2/NDF : 625344.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.344+/-0.398 χ^2/NDF : 1249636.0/20

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

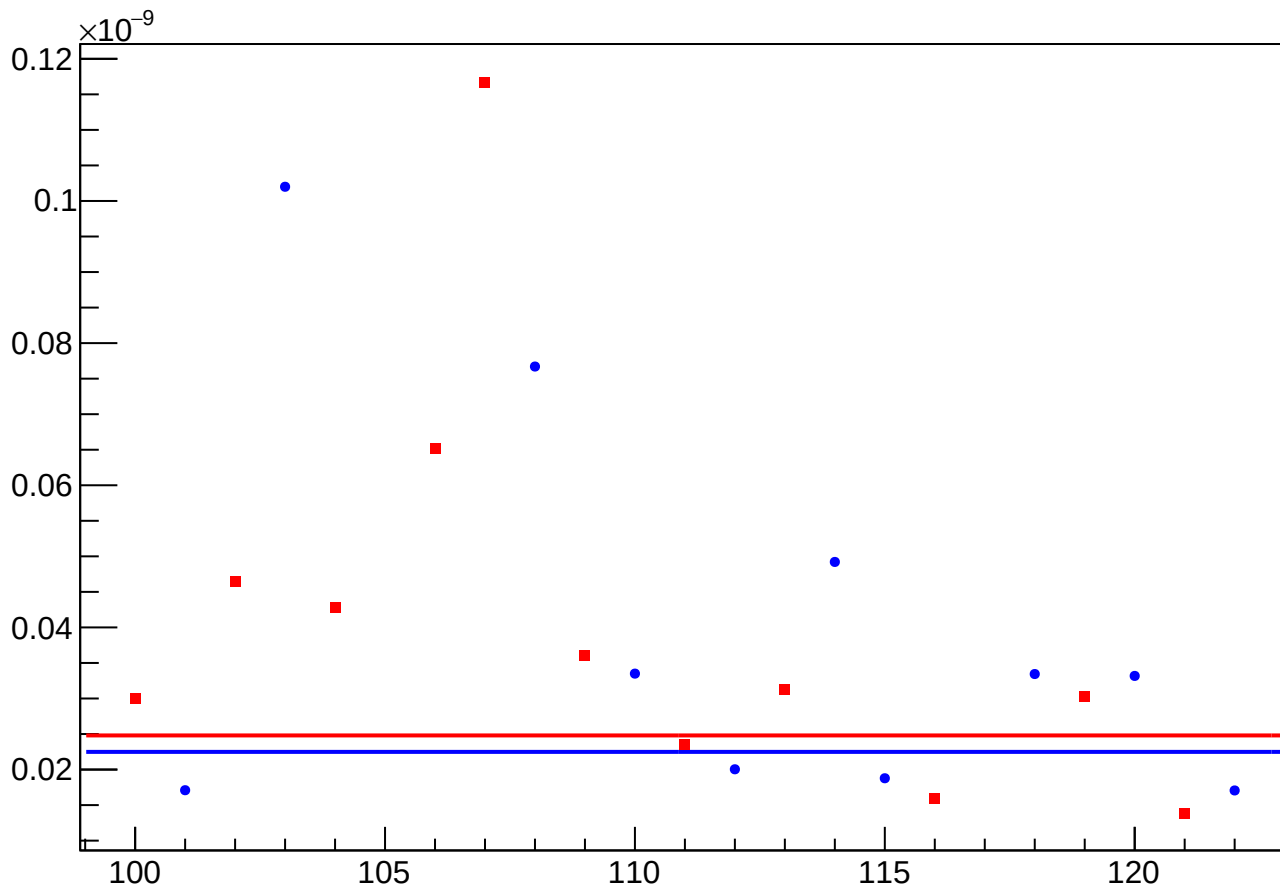
Right: -0.000+/-0.000 χ^2/NDF : 31.5/20

In: -0.000+/-0.000 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/20

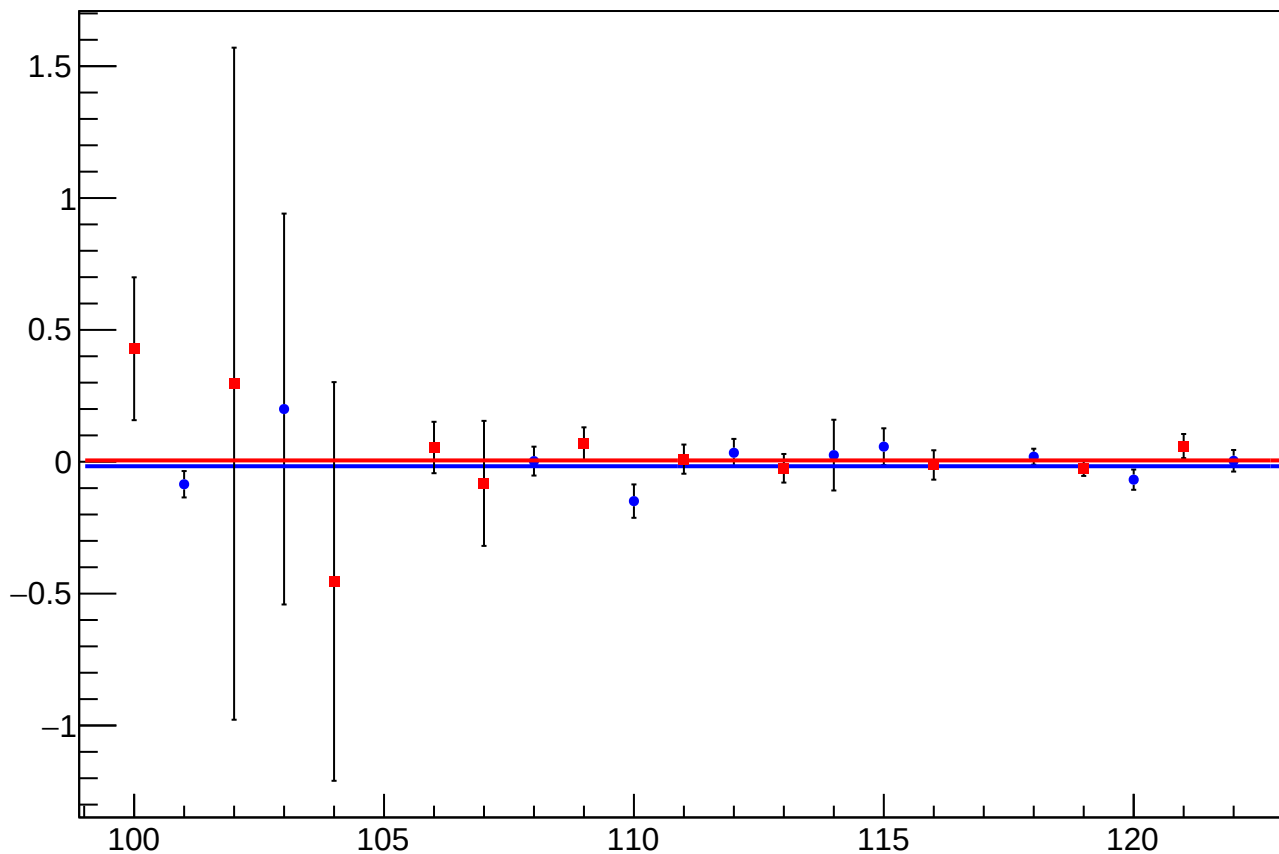
asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 888714.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 805885.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1708695.4/20
 In: 0.000+/-0.000 χ^2/NDF : 888714.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1708695.4/20

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-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

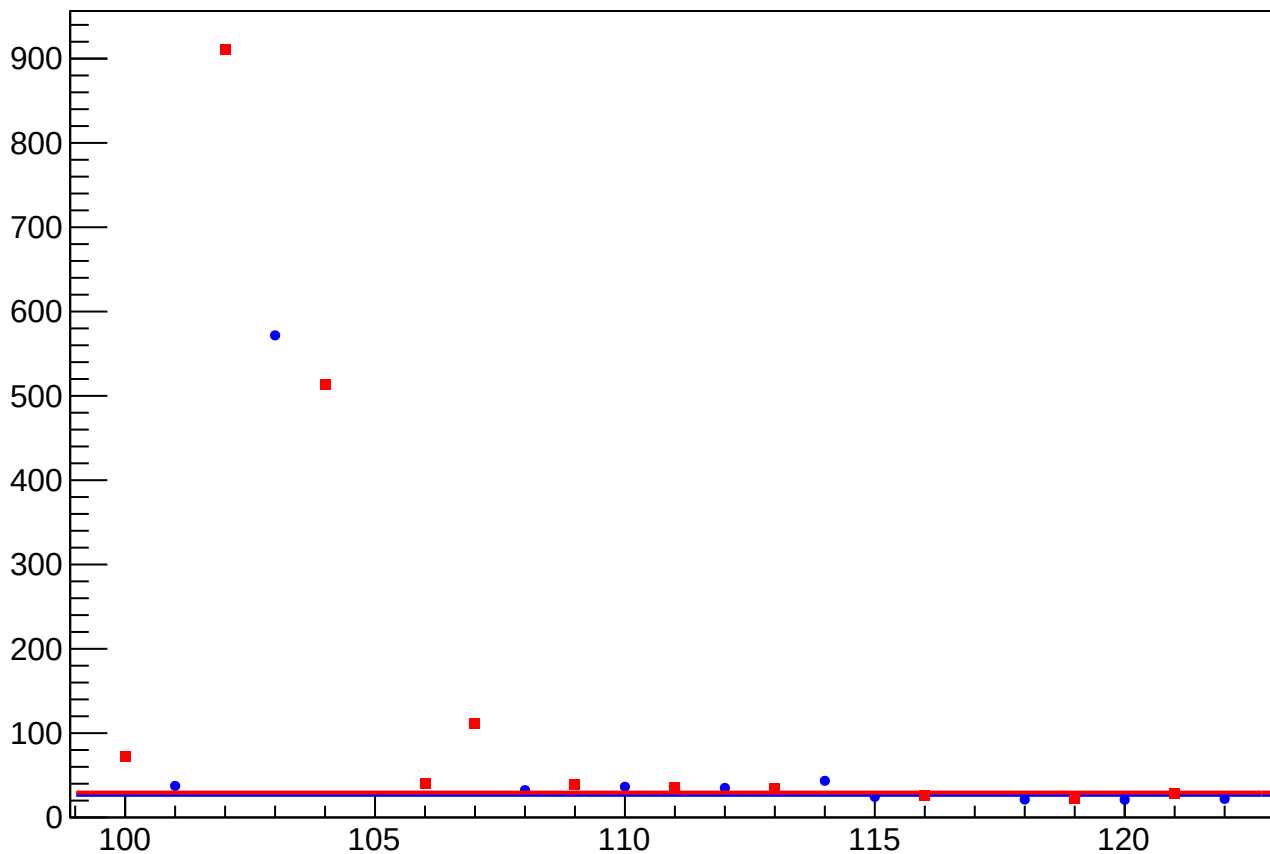
Right: -0.007+/-0.012 χ^2/NDF : 20.1/20

In: -0.017+/-0.016 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.1/20

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.819+/-0.011 χ^2/NDF : 1459916.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.486+/-0.013 χ^2/NDF : 2331185.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

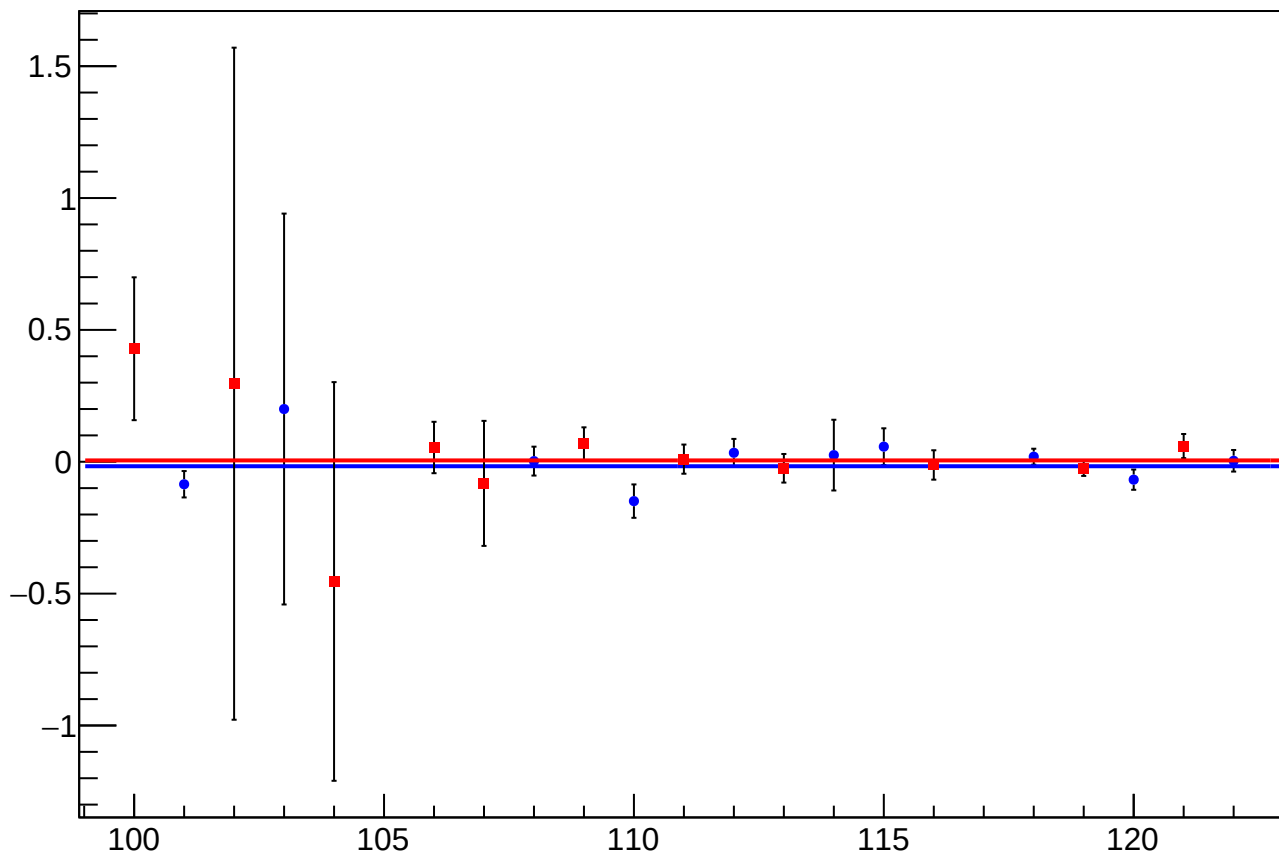
Right: 27.986+/-0.008 χ^2/NDF : 3815855.2/20

In: 26.819+/-0.011 χ^2/NDF :1459916.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.986+/-0.008 χ^2/NDF : 3815855.2/20

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-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

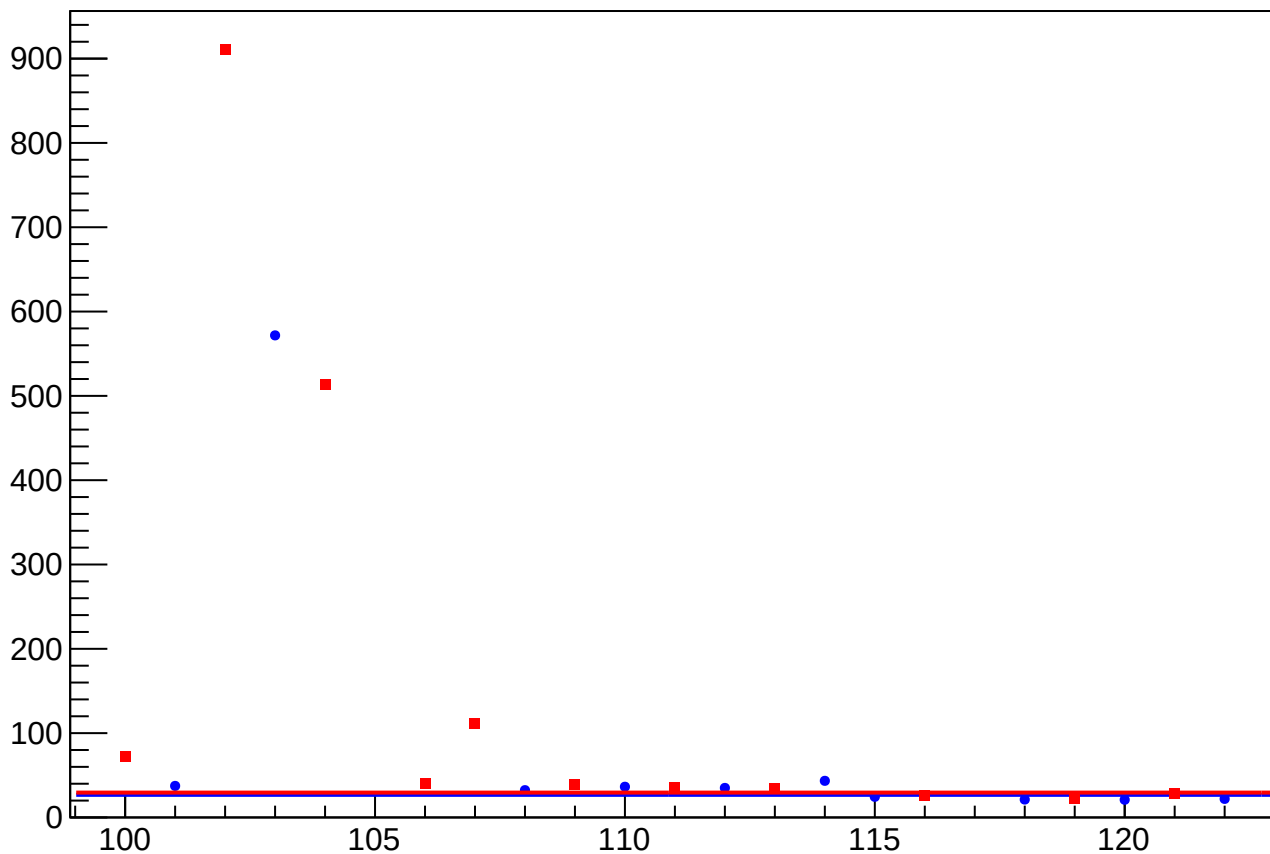
Right: -0.007+/-0.012 χ^2/NDF : 20.1/20

In: -0.017+/-0.016 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.1/20

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.819+/-0.011 χ^2/NDF : 1459916.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.486+/-0.013 χ^2/NDF : 2331185.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

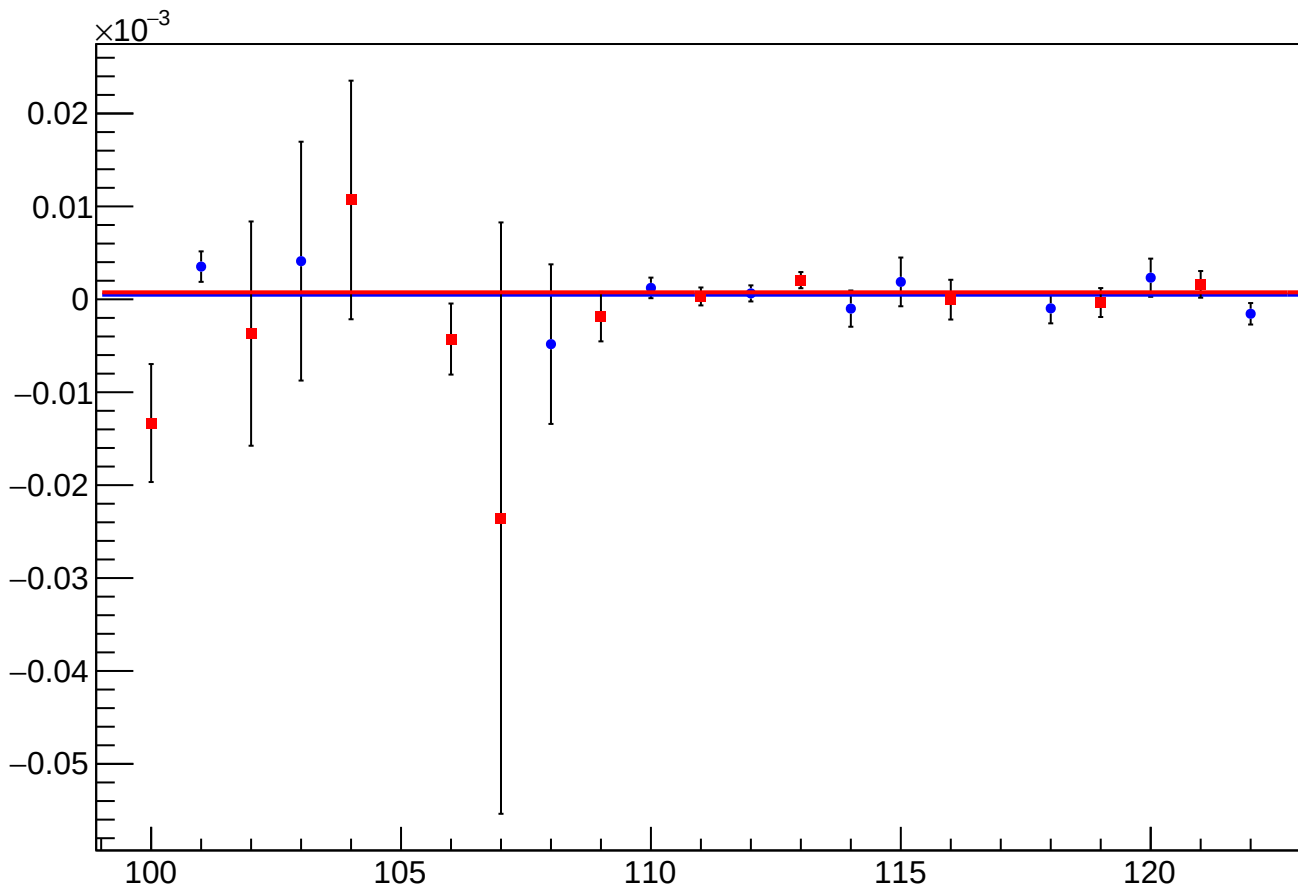
Right: 27.986+/-0.008 χ^2/NDF : 3815855.2/20

In: 26.819+/-0.011 χ^2/NDF :1459916.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.986+/-0.008 χ^2/NDF : 3815855.2/20

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.0/9

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

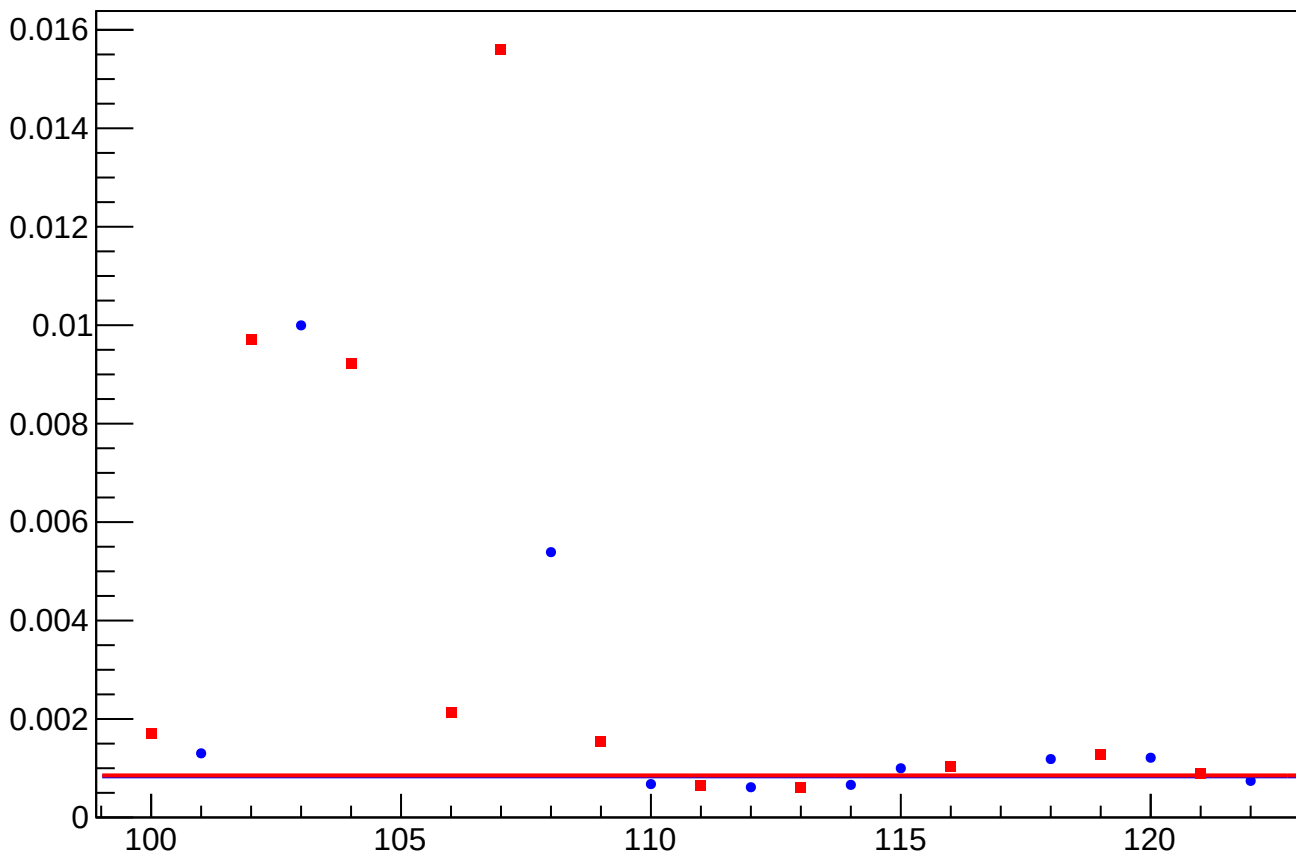
Right: 0.000+/-0.000 χ^2/NDF : 22.5/20

In: 0.000+/-0.000 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/20

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2110583.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3183025.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

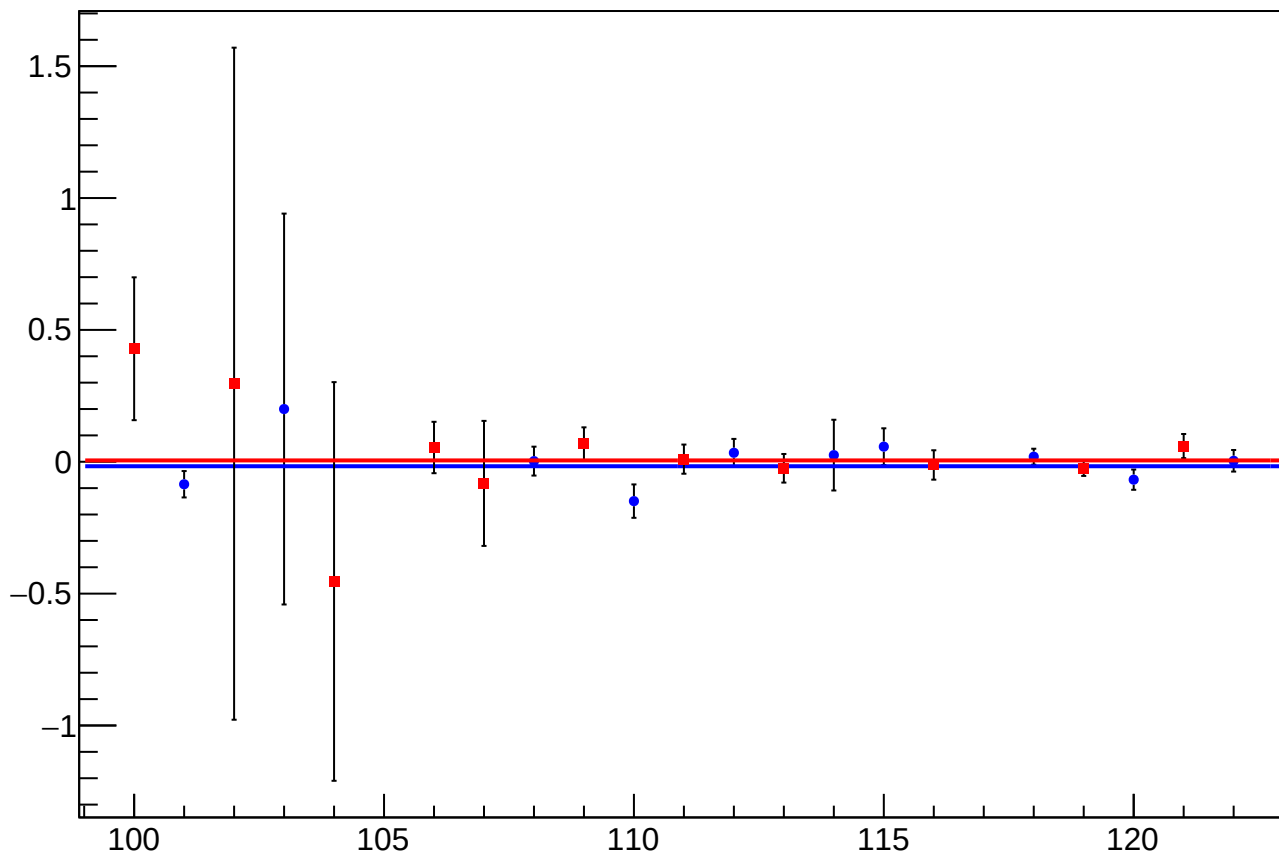
Right: 0.001+/-0.000 χ^2/NDF : 5295024.7/20

In: 0.001+/-0.000 χ^2/NDF :2110583.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5295024.7/20

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-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

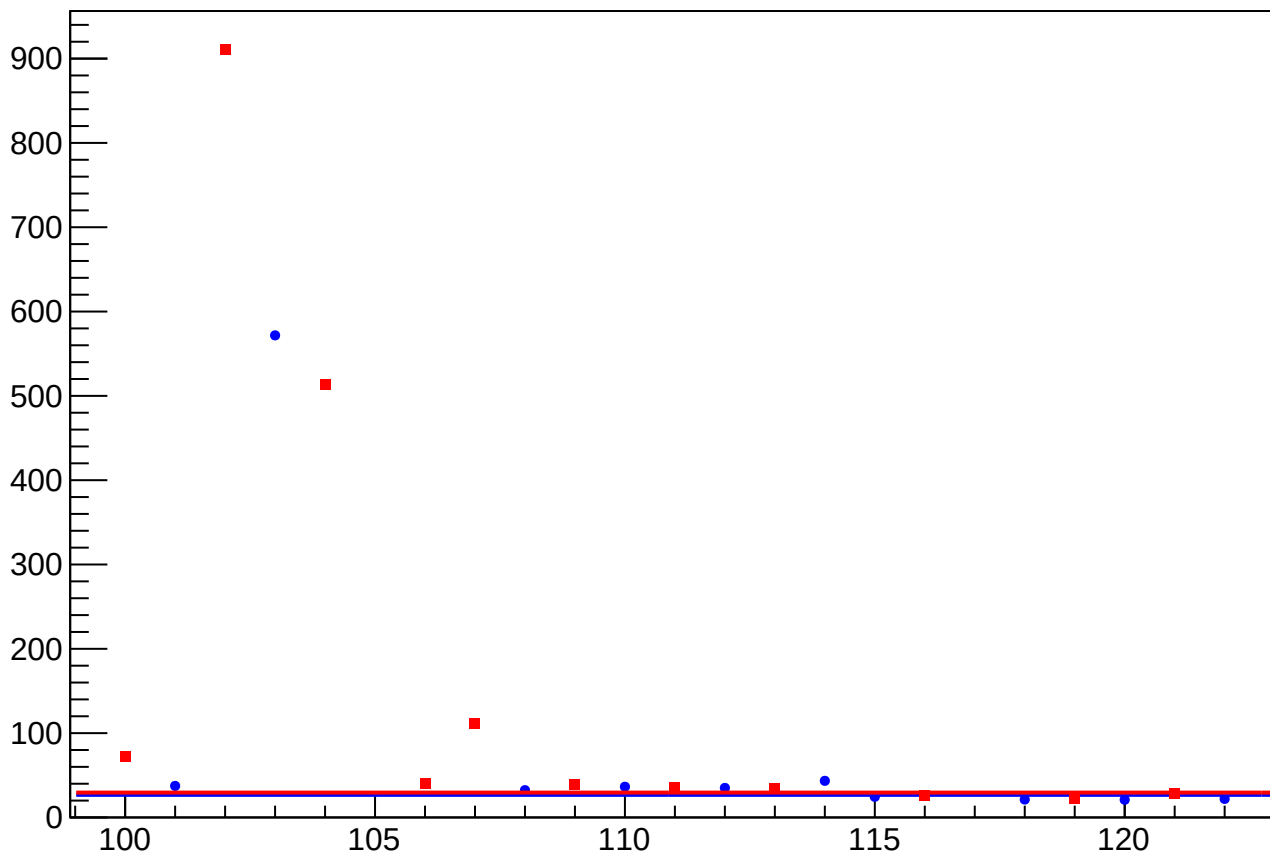
Right: -0.007+/-0.012 χ^2/NDF : 20.1/20

In: -0.017+/-0.016 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.1/20

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.819+/-0.011 χ^2/NDF : 1459920.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.486+/-0.013 χ^2/NDF : 2331207.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

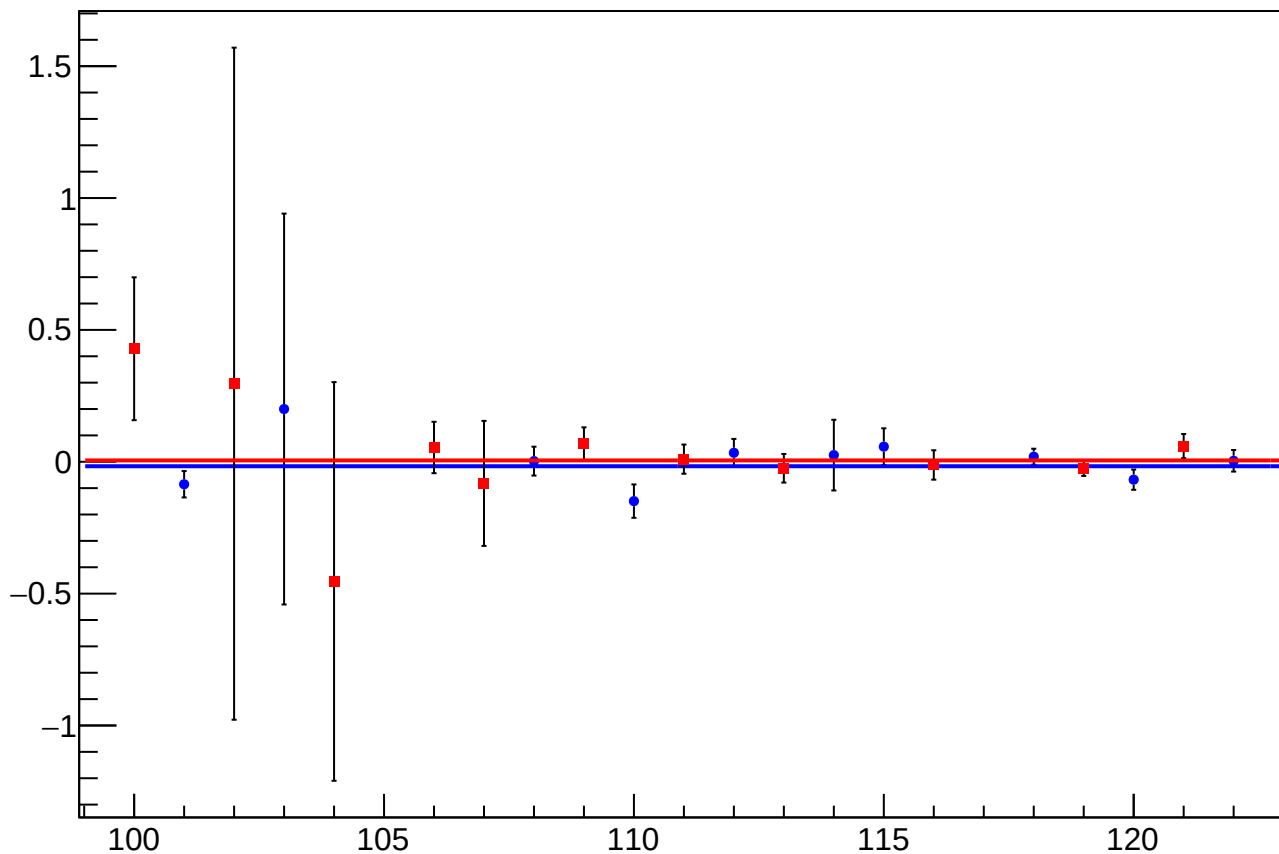
Right: 27.986+/-0.008 χ^2/NDF : 3815879.2/20

In: 26.819+/-0.011 χ^2/NDF :1459920.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.986+/-0.008 χ^2/NDF : 3815879.2/20

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-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

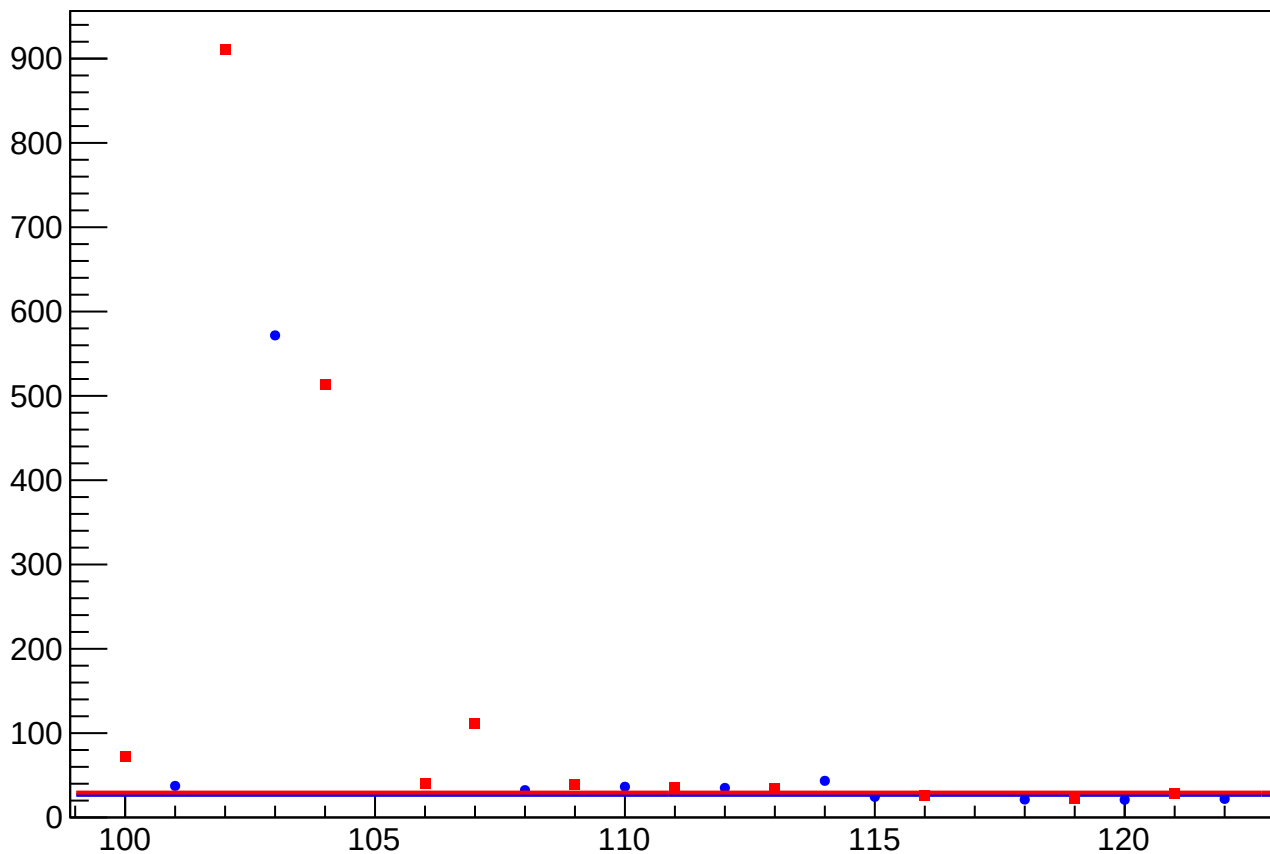
Right: -0.007+/-0.012 χ^2/NDF : 20.1/20

In: -0.017+/-0.016 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.1/20

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.819+/-0.011 χ^2/NDF : 1459920.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.486+/-0.013 χ^2/NDF : 2331207.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

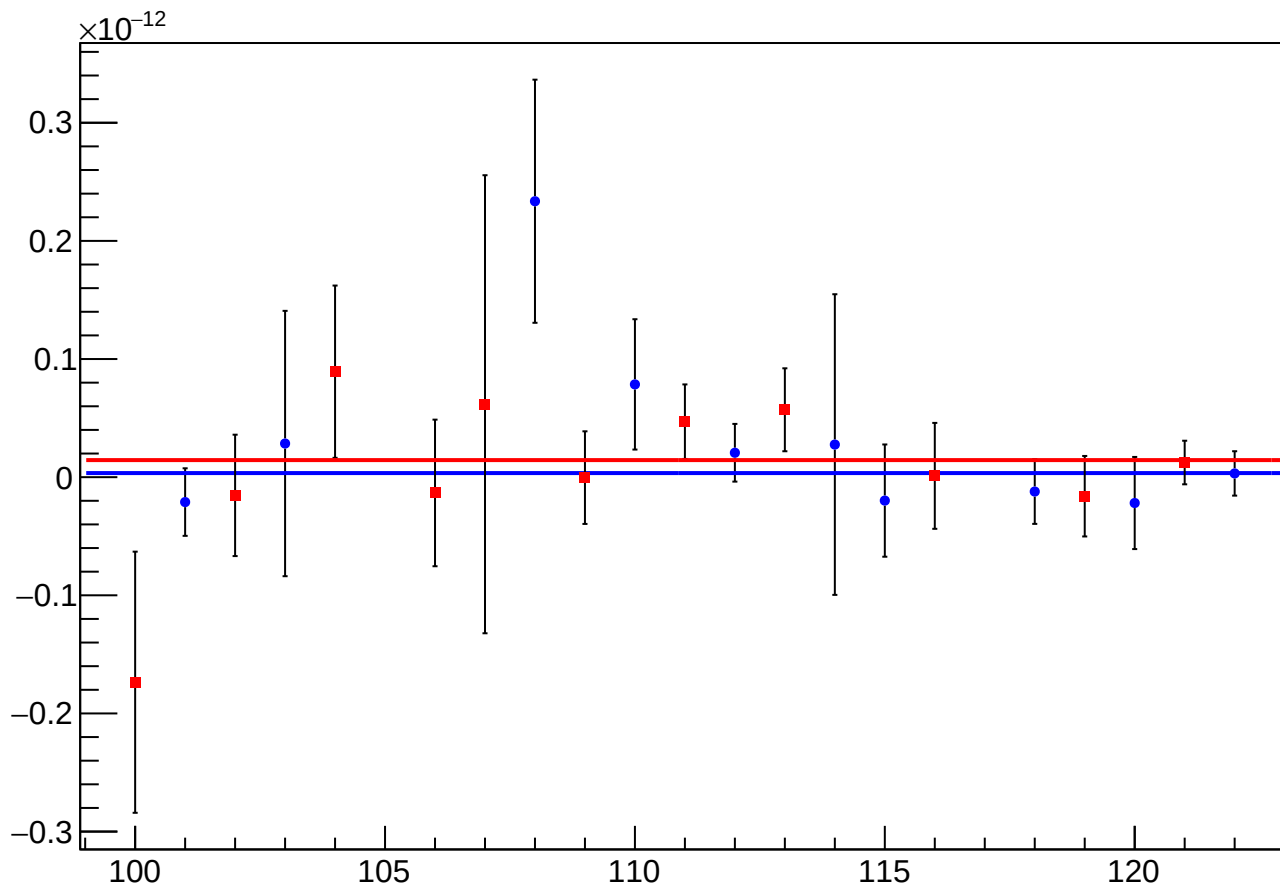
Right: 27.986+/-0.008 χ^2/NDF : 3815879.2/20

In: 26.819+/-0.011 χ^2/NDF :1459920.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.986+/-0.008 χ^2/NDF : 3815879.2/20

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.2/9

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

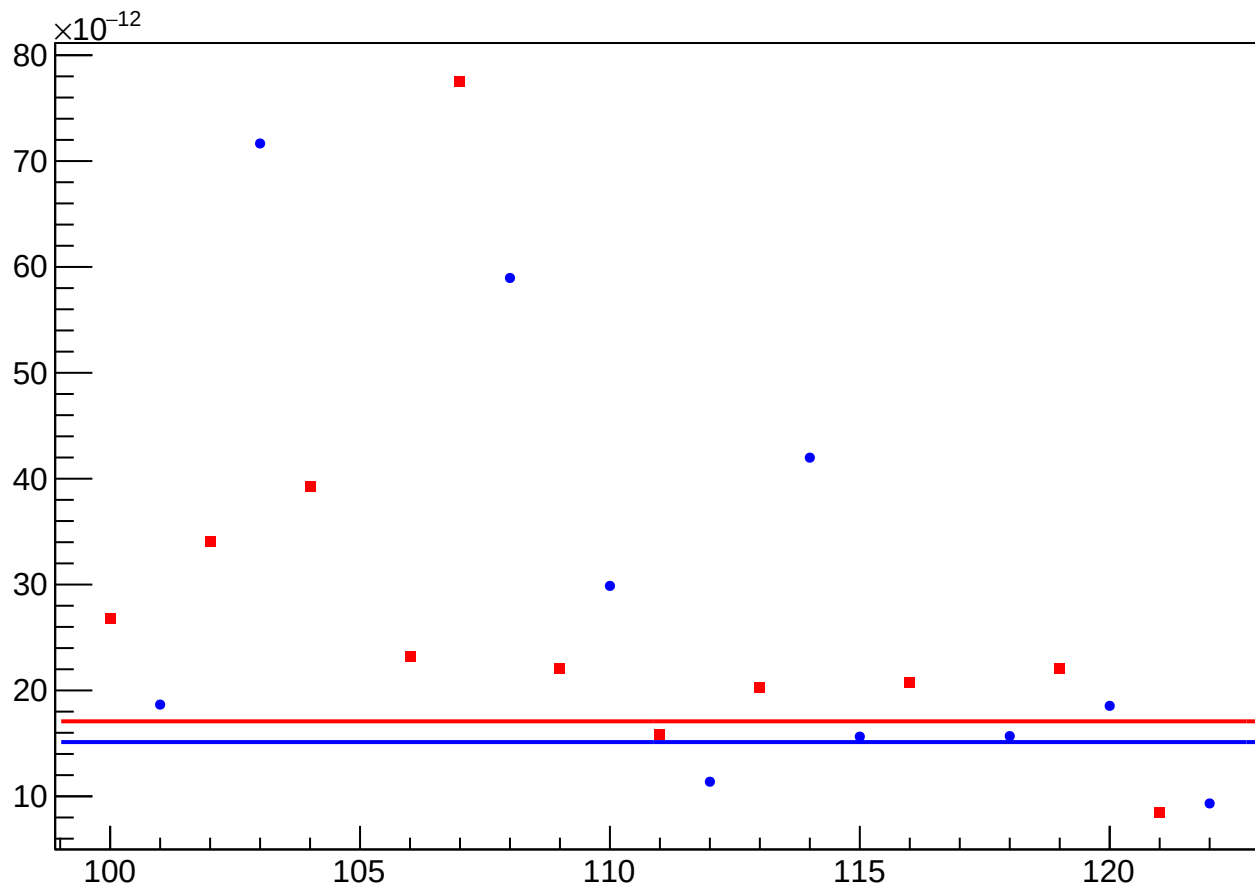
Right: 0.000+/-0.000 χ^2/NDF : 17.8/20

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/20

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1386457.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1178290.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

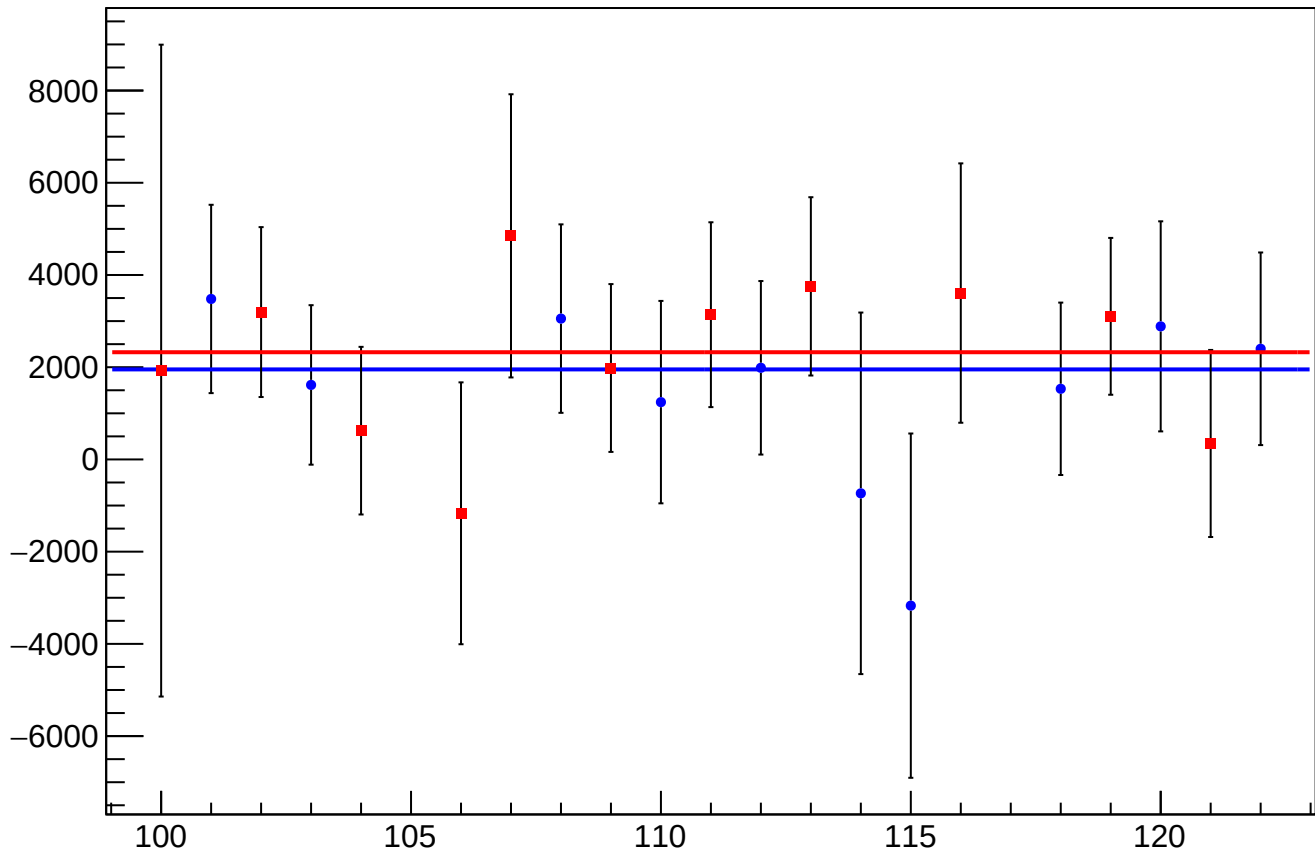
Right: 0.000+/-0.000 χ^2/NDF : 2596163.1/20

In: 0.000+/-0.000 χ^2/NDF :1386457.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2596163.1/20

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.348+/-682.226 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.978+/-648.060 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

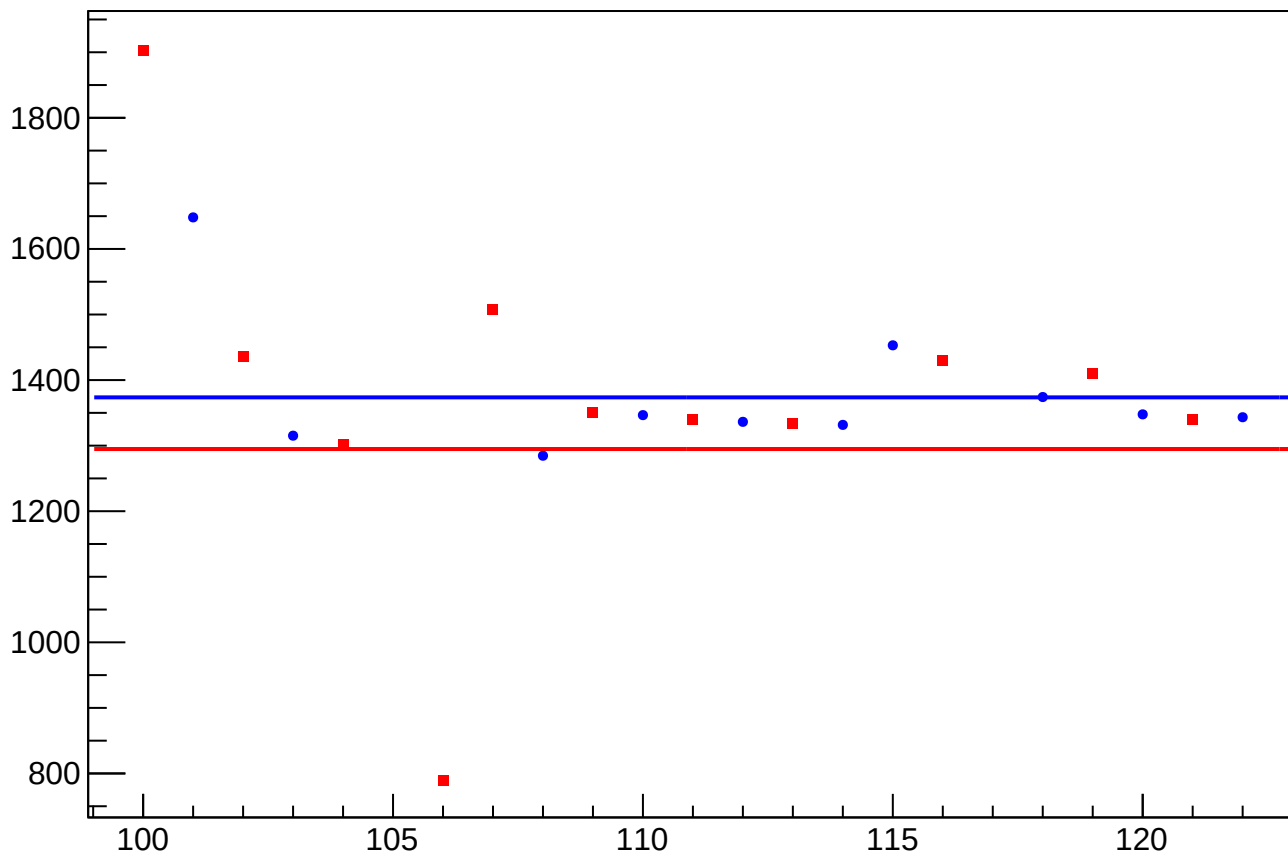
Right: 2148.227+/-469.862 χ^2/NDF : 9.2/20

In: 1952.348+/-682.226 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2148.227+/-469.862 χ^2/NDF : 9.2/20

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1373.620+/-0.482 χ^2/NDF : 45119.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.850+/-0.437 χ^2/NDF : 242012.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

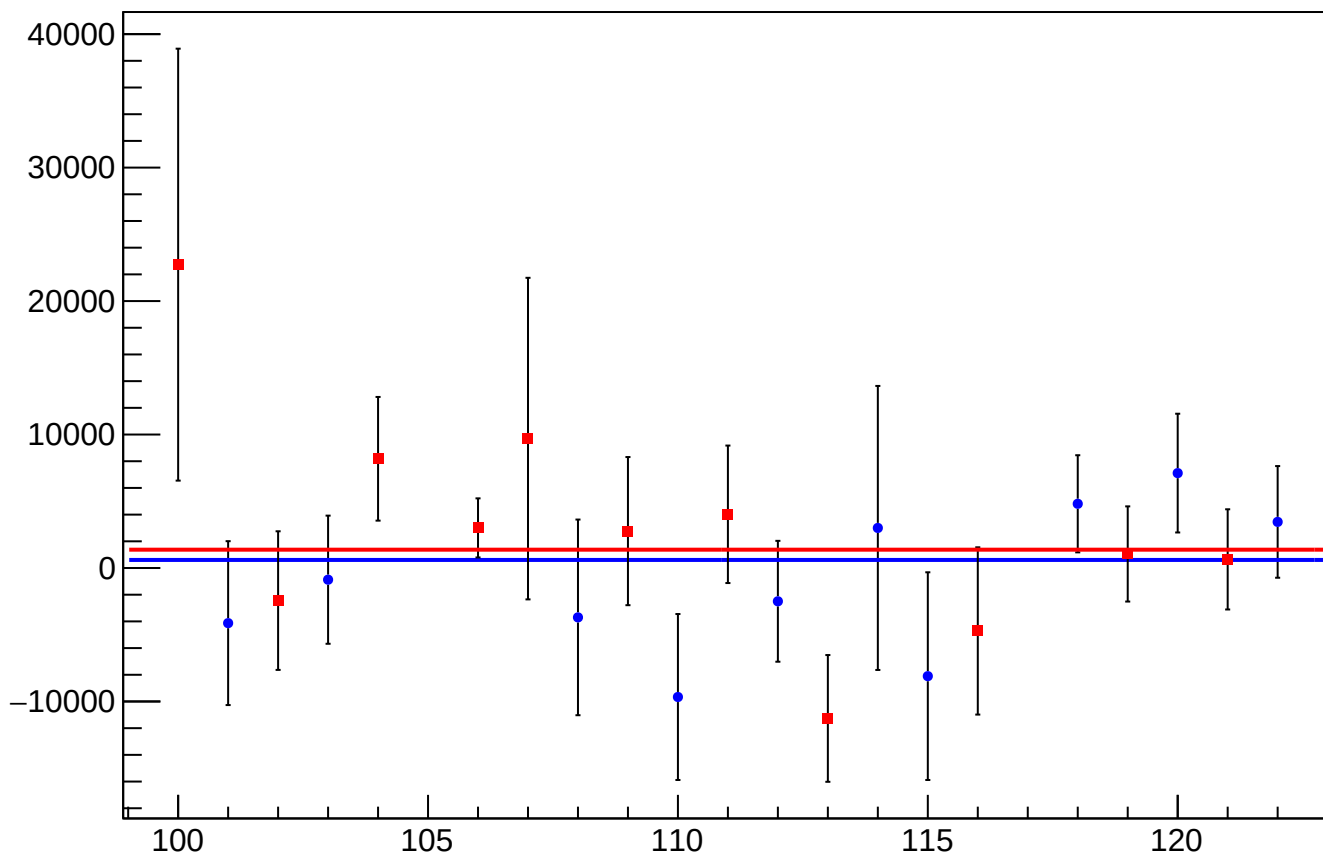
Right: 1330.310+/-0.324 χ^2/NDF : 301792.3/20

In: 1373.620+/-0.482 χ^2/NDF : 45119.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.310+/-0.324 χ^2/NDF : 301792.3/20

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 604.179+/-1640.177 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.036+/-1304.106 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

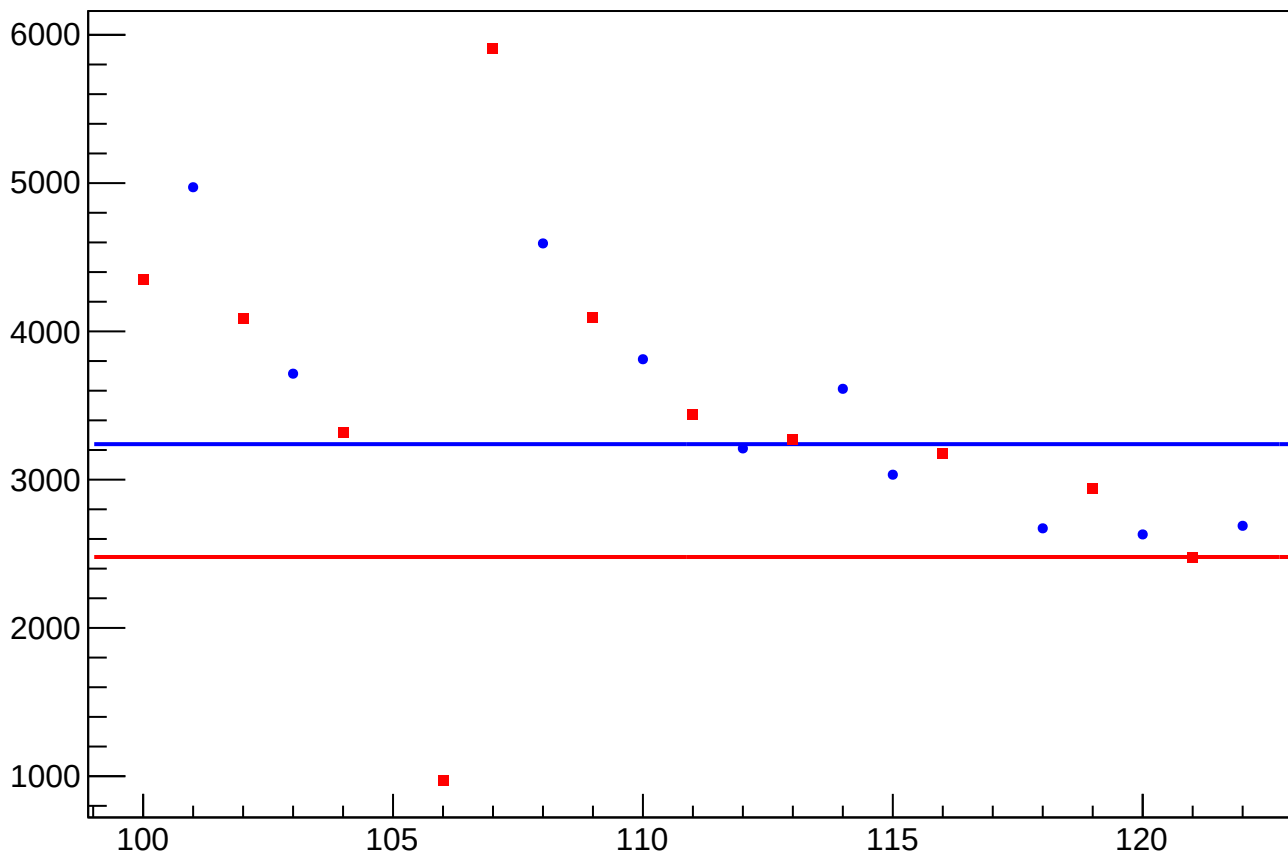
Right: 1075.239+/-1020.771 χ^2/NDF : 23.5/20

In: 604.179+/-1640.177 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1075.239+/-1020.771 χ^2/NDF : 23.5/20

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3239.466+/-1.160 χ^2/NDF : 388863.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2478.376+/-0.922 χ^2/NDF : 1728954.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

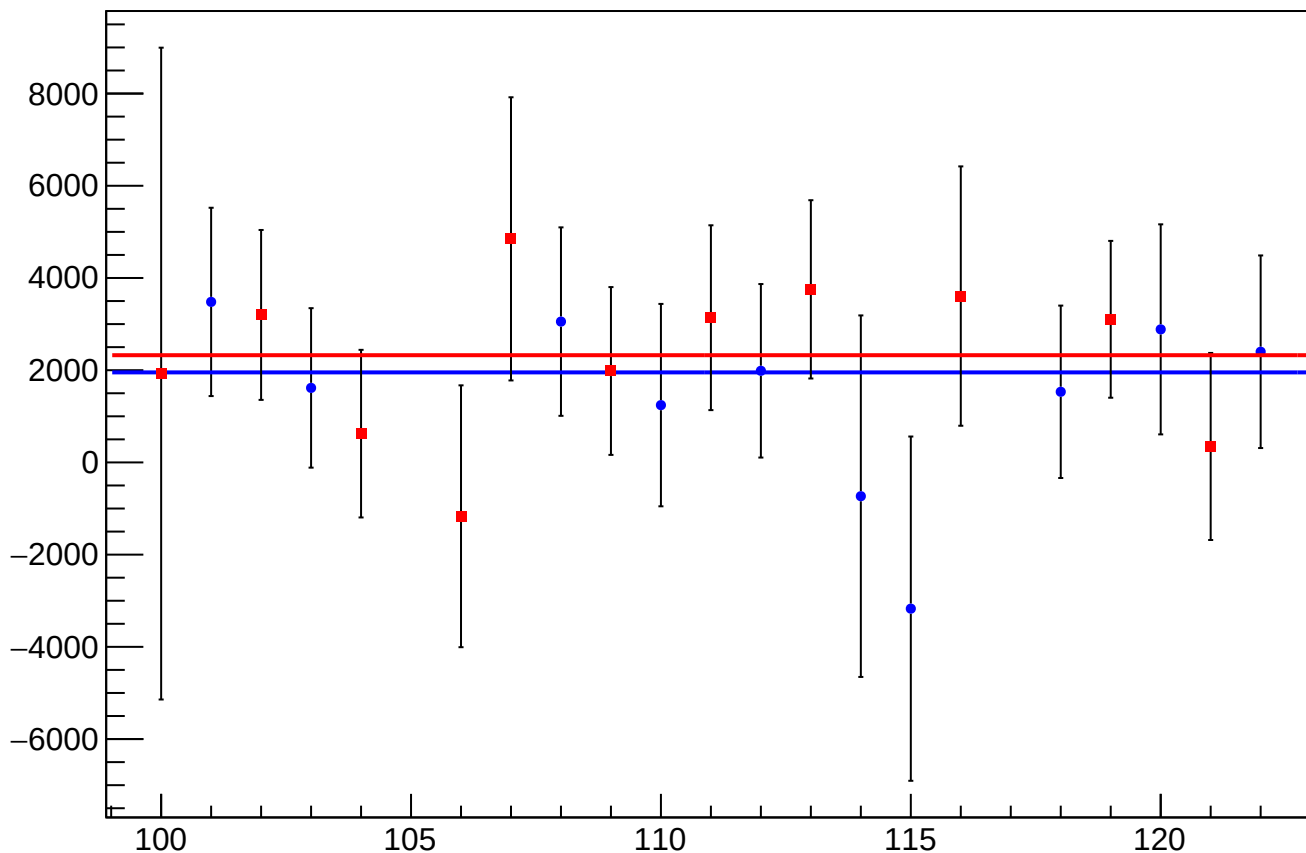
Right: 2773.165+/-0.722 χ^2/NDF : 2381664.7/20

In: 3239.466+/-1.160 χ^2/NDF : 388863.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2773.165+/-0.722 χ^2/NDF : 2381664.7/20

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.536+/-682.226 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2325.346+/-648.067 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

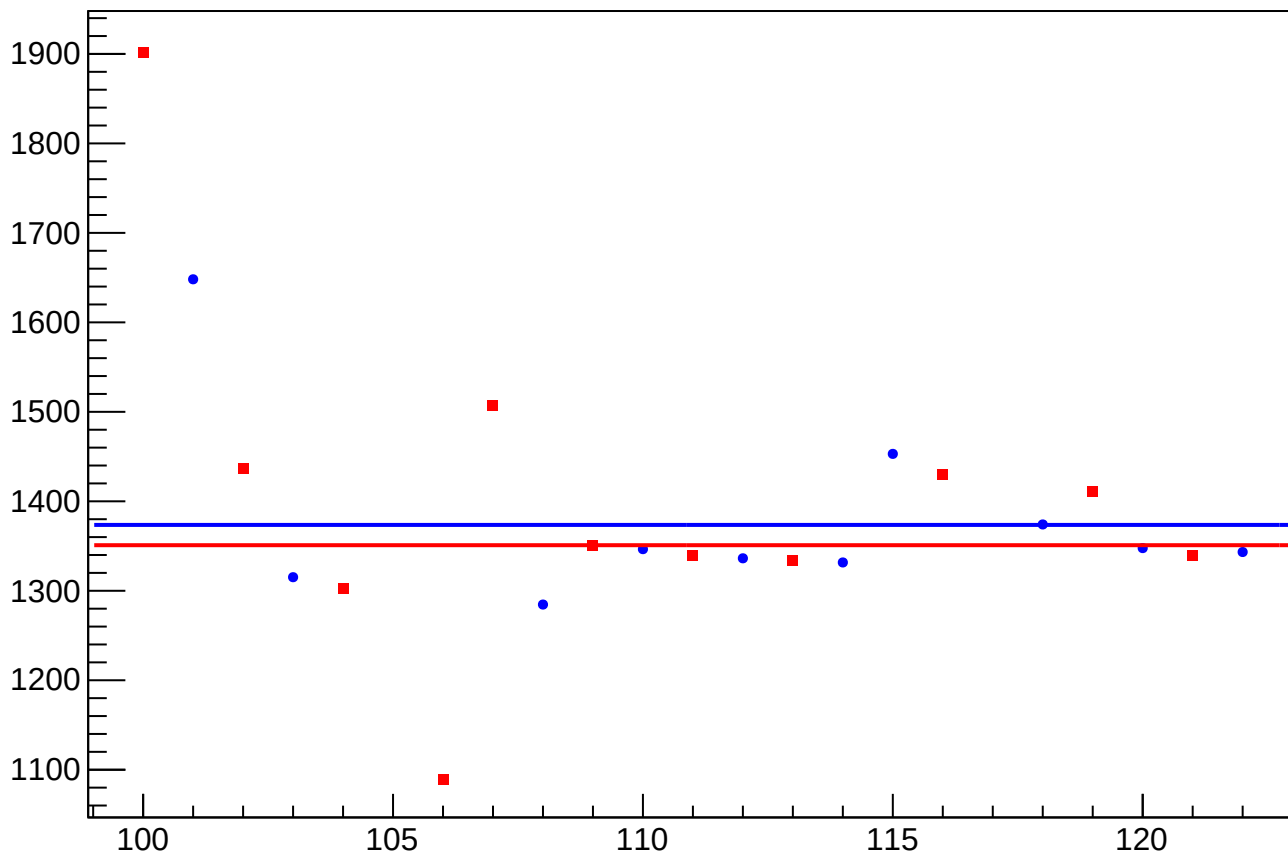
Right: 2148.508+/-469.865 χ^2/NDF : 9.2/20

In: 1952.536+/-682.226 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2148.508+/-469.865 χ^2/NDF : 9.2/20

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1373.620+/-0.482 χ^2/NDF : 45119.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.950+/-0.449 χ^2/NDF : 58244.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

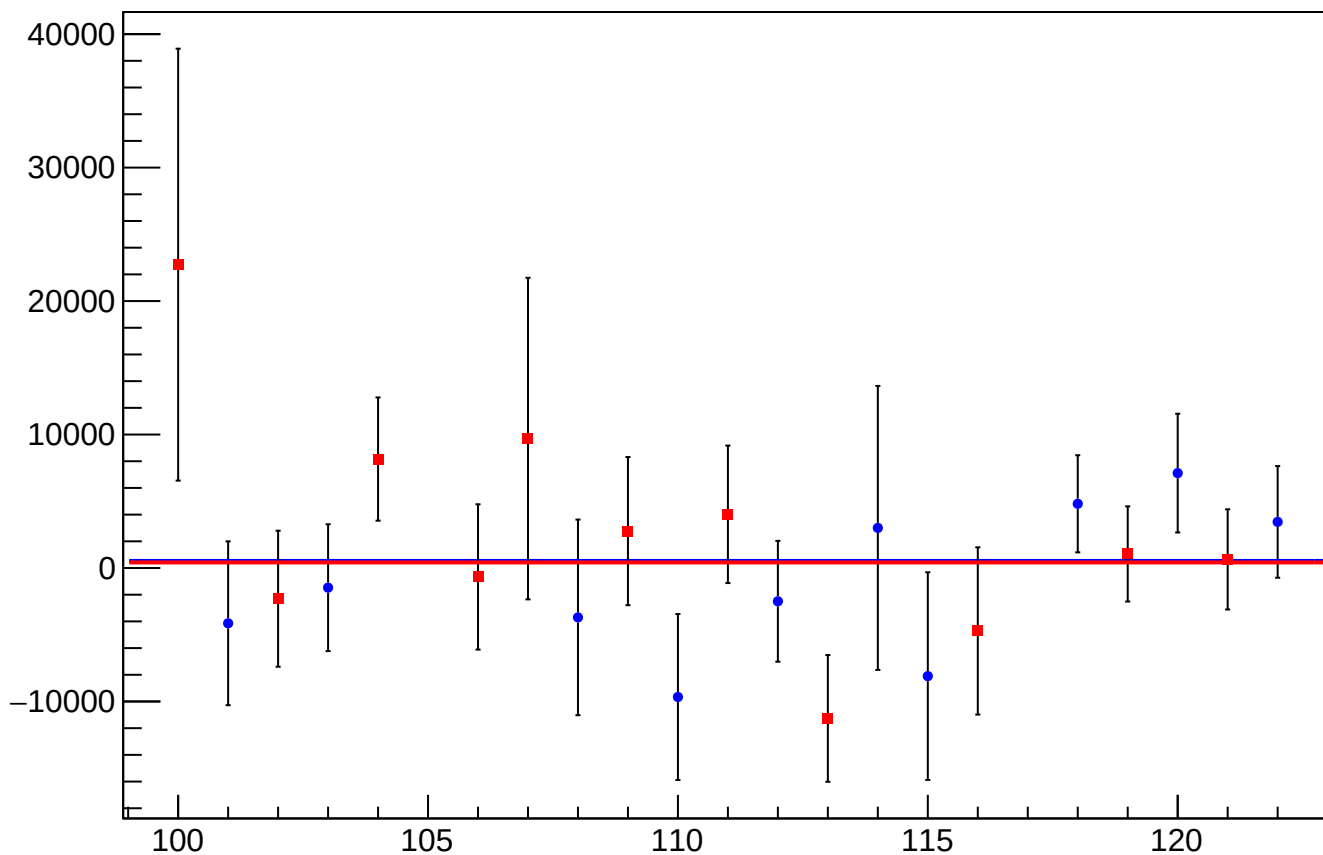
Right: 1361.470+/-0.329 χ^2/NDF : 104547.7/20

In: 1373.620+/-0.482 χ^2/NDF : 45119.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.470+/-0.329 χ^2/NDF : 104547.7/20

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 529.020+/-1638.177 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.157+/-1544.004 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

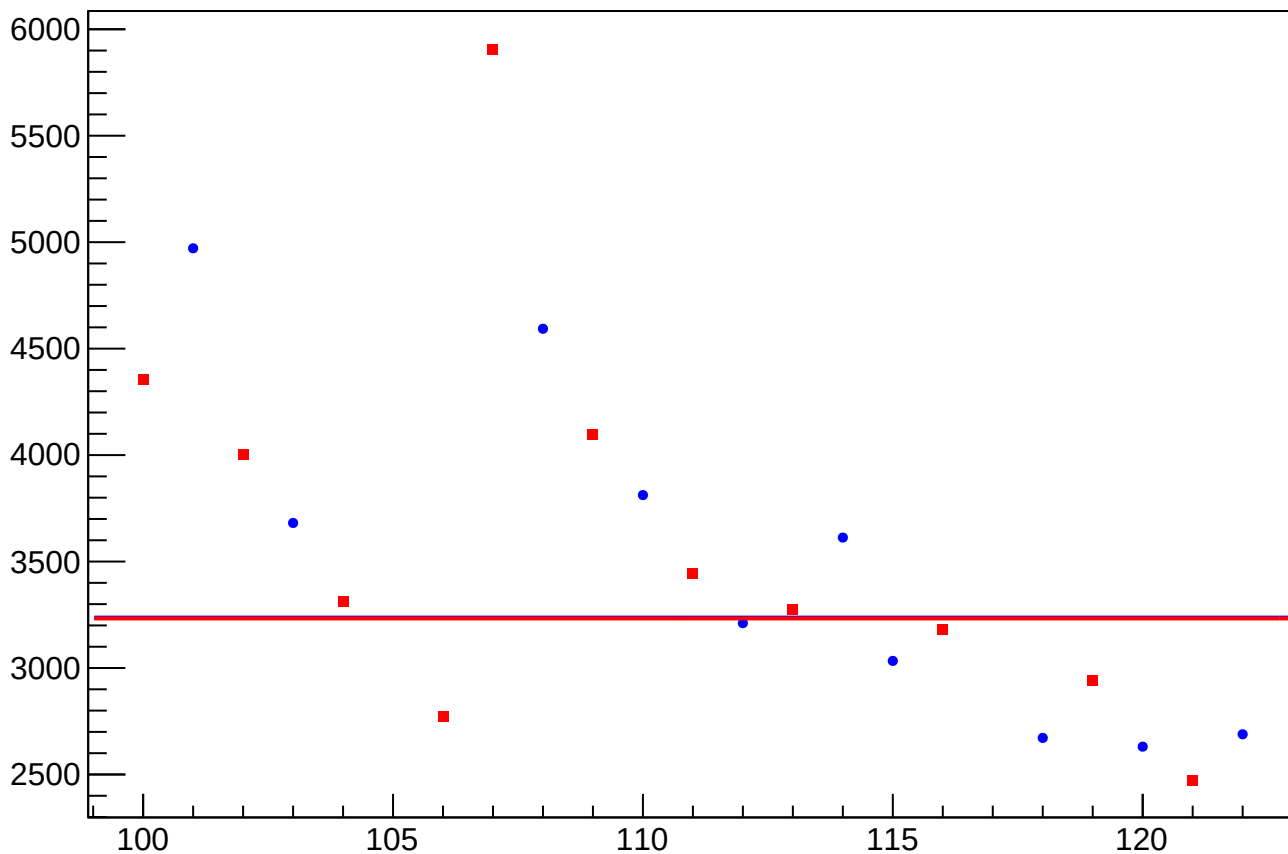
Right: 470.311+/-1123.594 χ^2/NDF : 22.6/20

In: 529.020+/-1638.177 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.311+/-1123.594 χ^2/NDF : 22.6/20

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3236.595+/-1.158 χ^2/NDF : 386413.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3232.892+/-1.092 χ^2/NDF : 315990.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

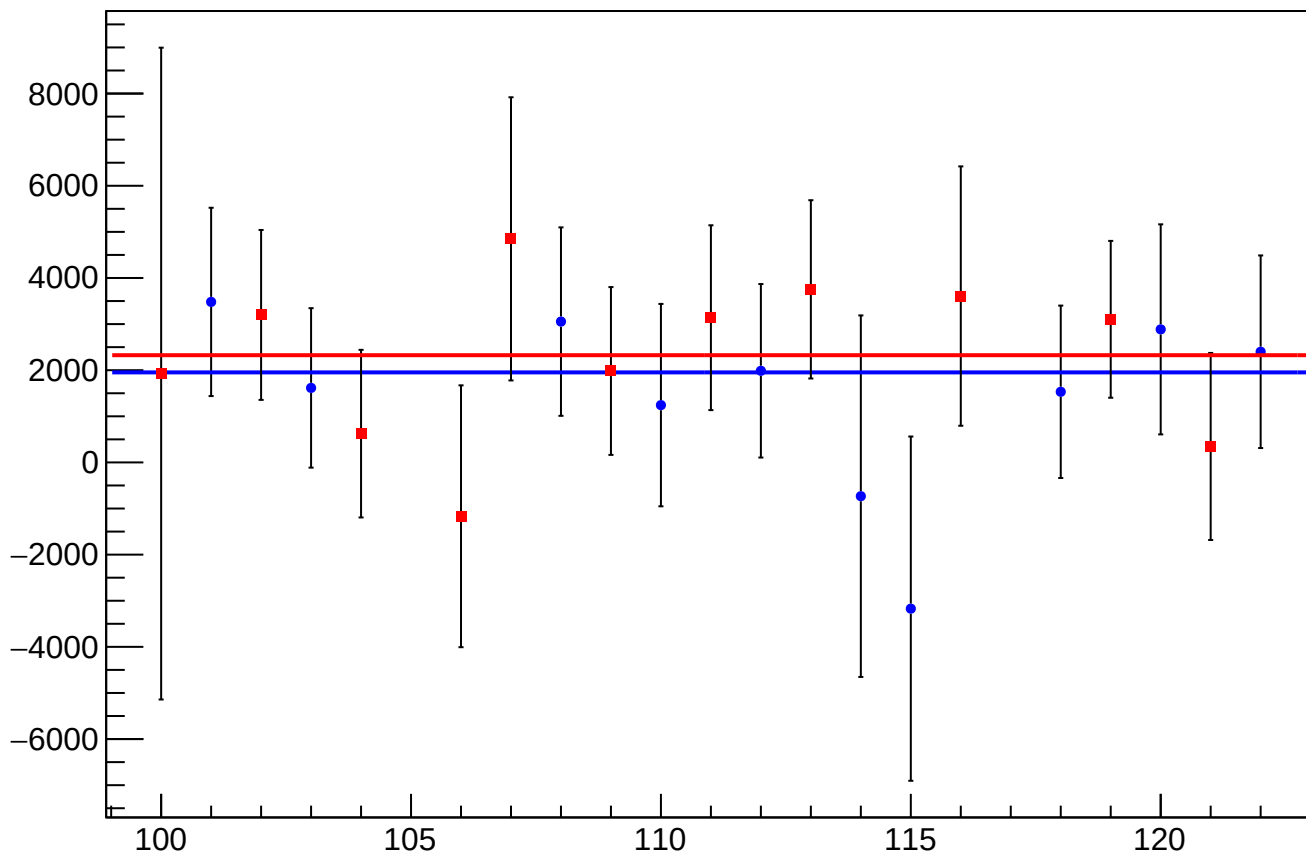
Right: 3234.634+/-0.795 χ^2/NDF : 702409.3/20

In: 3236.595+/-1.158 χ^2/NDF : 386413.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3234.634+/-0.795 χ^2/NDF : 702409.3/20

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.536+/-682.226 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2325.346+/-648.067 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

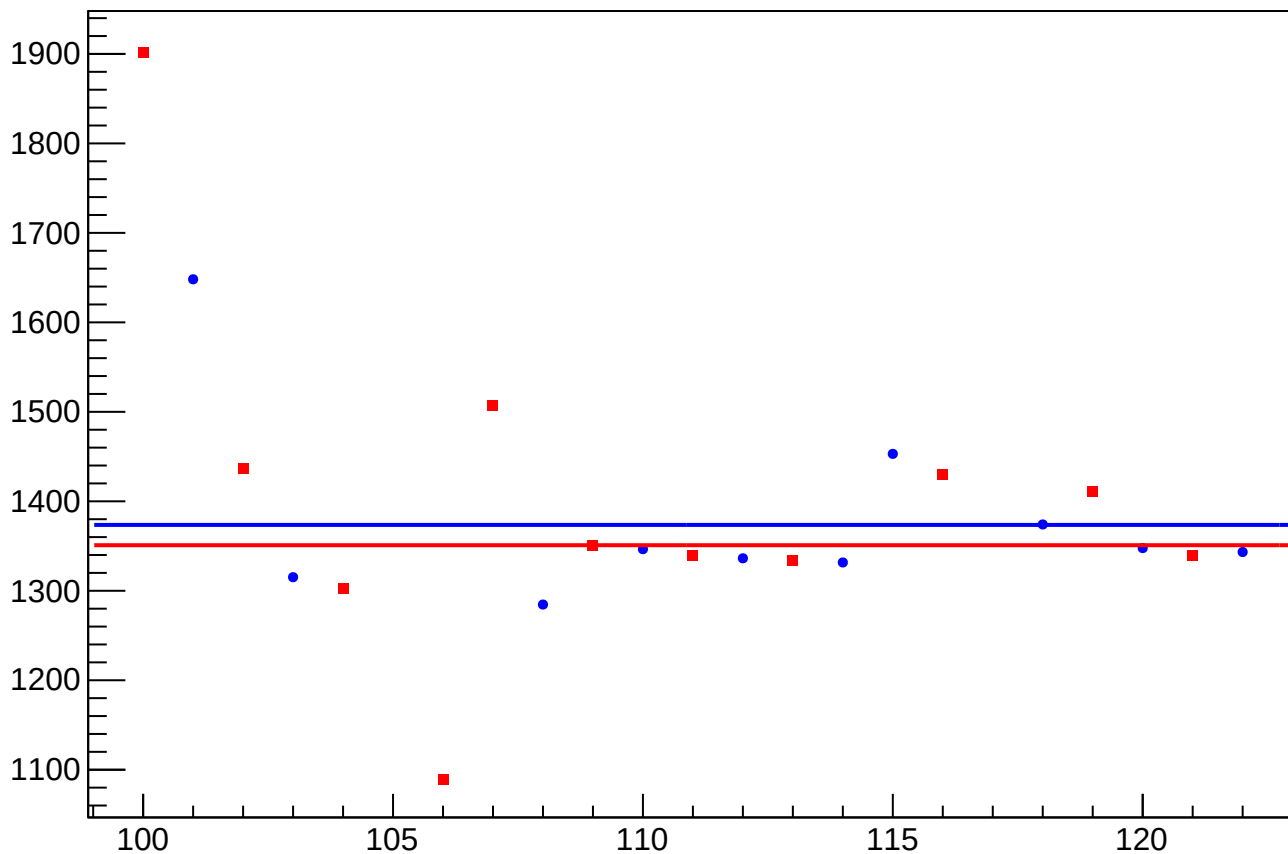
Right: 2148.508+/-469.865 χ^2/NDF : 9.2/20

In: 1952.536+/-682.226 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2148.508+/-469.865 χ^2/NDF : 9.2/20

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1373.620+/-0.482 χ^2/NDF : 45119.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.950+/-0.449 χ^2/NDF : 58244.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

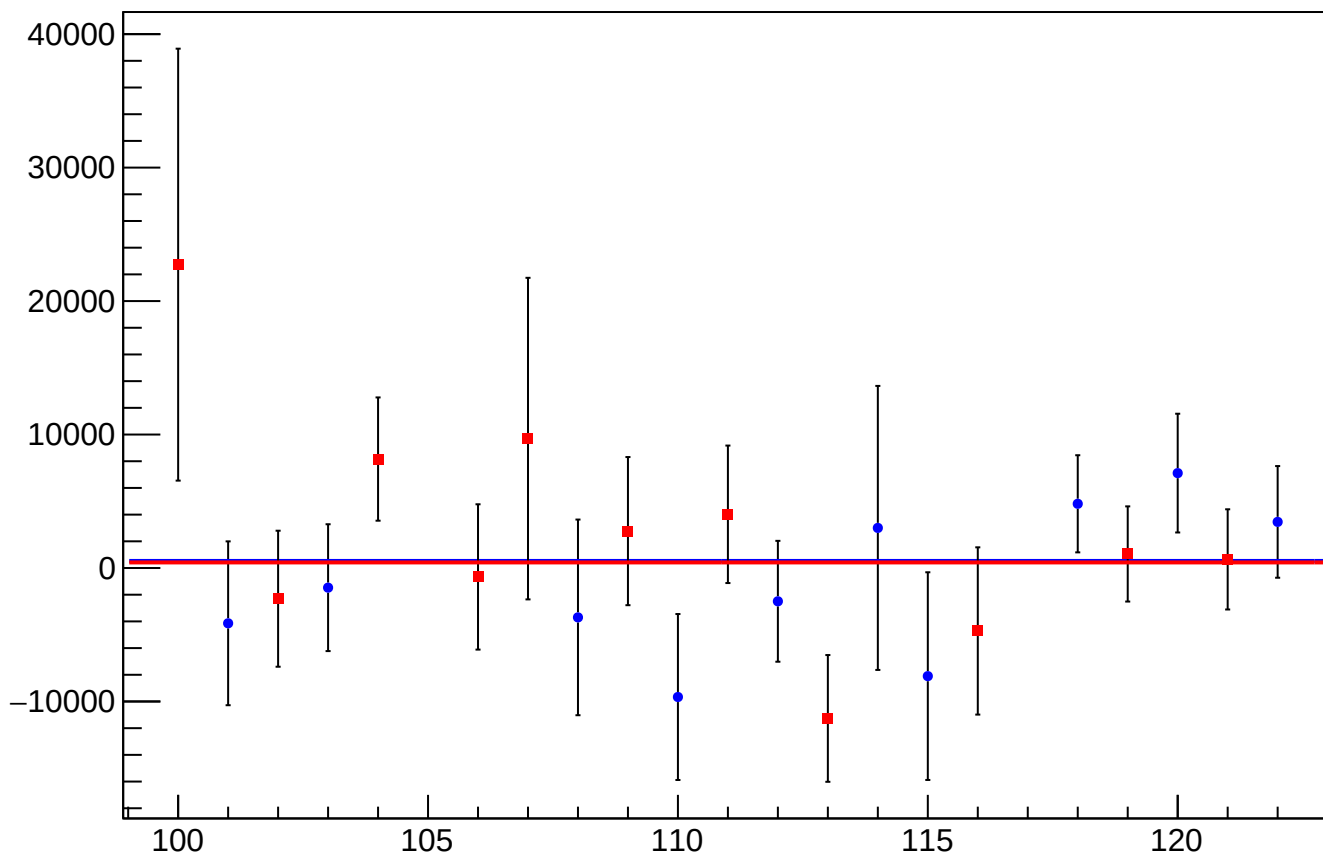
Right: 1361.470+/-0.329 χ^2/NDF : 104547.7/20

In: 1373.620+/-0.482 χ^2/NDF : 45119.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.470+/-0.329 χ^2/NDF : 104547.7/20

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 529.020+/-1638.177 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.157+/-1544.004 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

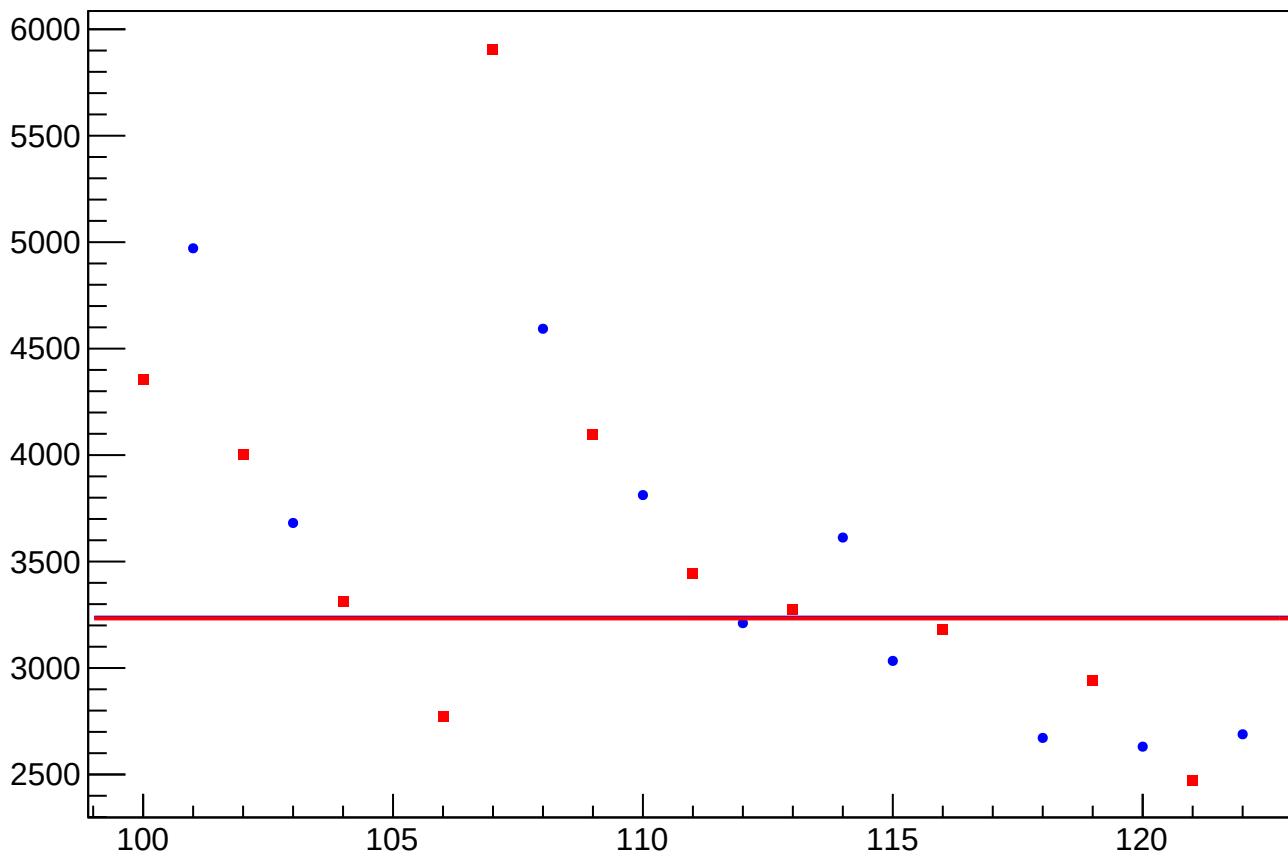
Right: 470.311+/-1123.594 χ^2/NDF : 22.6/20

In: 529.020+/-1638.177 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.311+/-1123.594 χ^2/NDF : 22.6/20

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3236.595+/-1.158 χ^2/NDF : 386413.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3232.892+/-1.092 χ^2/NDF : 315990.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

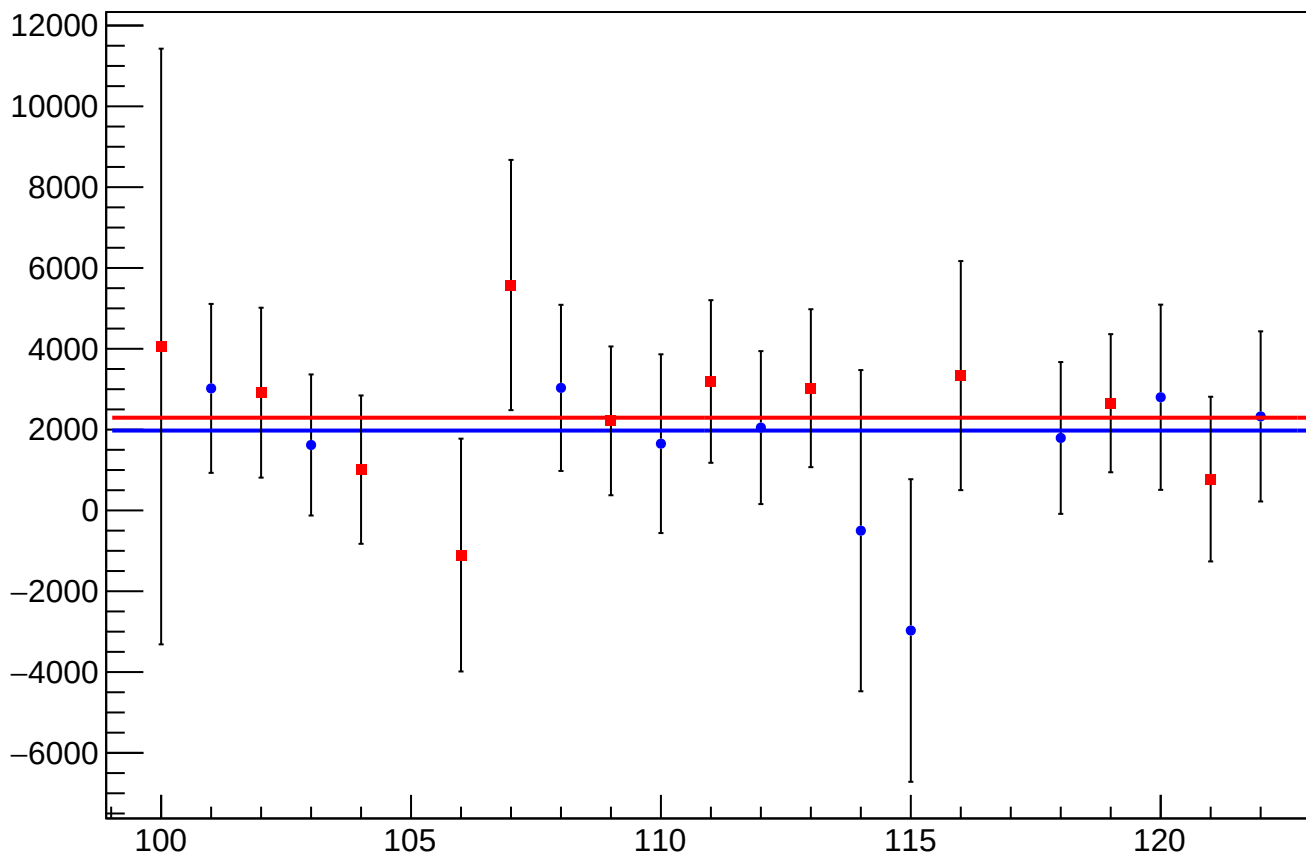
Right: 3234.634+/-0.795 χ^2/NDF : 702409.3/20

In: 3236.595+/-1.158 χ^2/NDF : 386413.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3234.634+/-0.795 χ^2/NDF : 702409.3/20

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1976.460+/-688.235 χ^2/NDF : 2.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.691+/-662.604 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

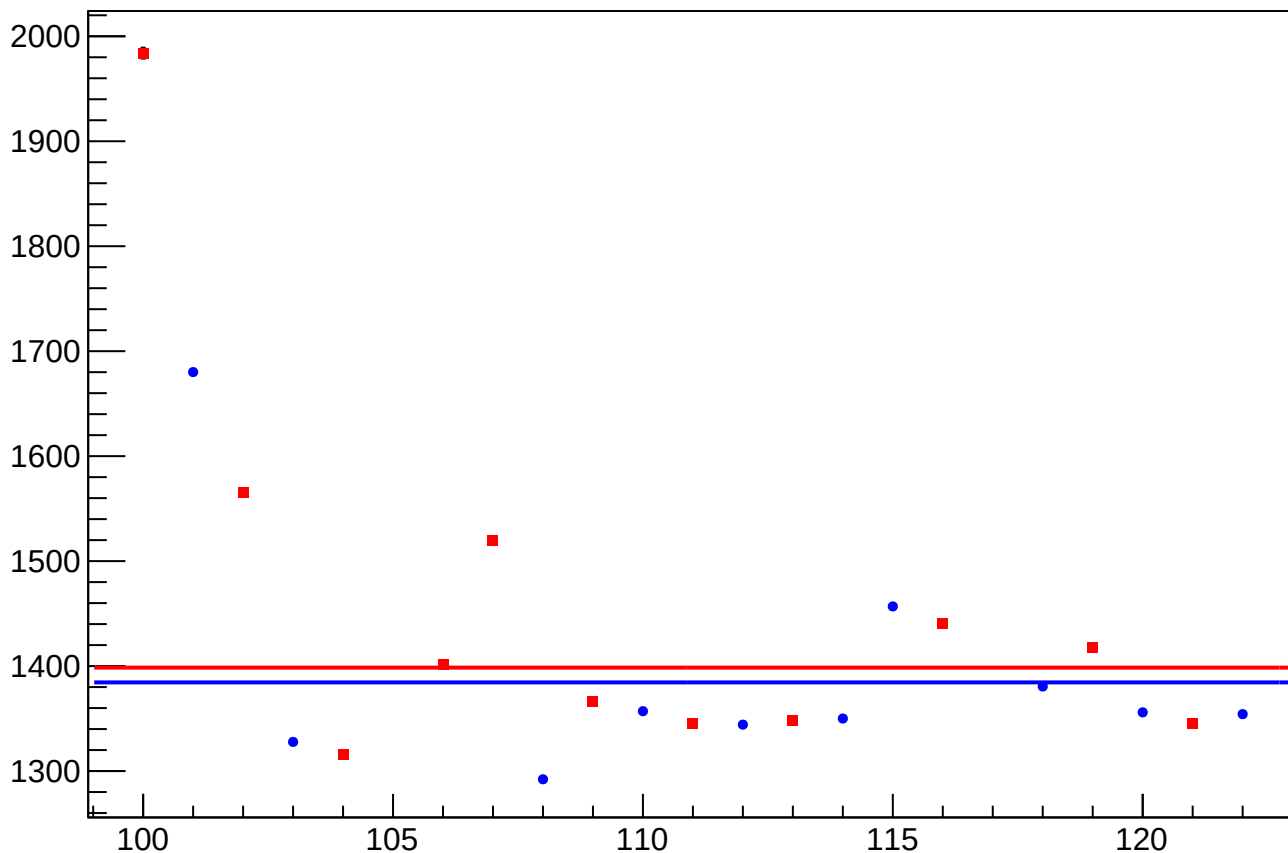
Right: 2141.611+/-477.336 χ^2/NDF : 7.2/20

In: 1976.460+/-688.235 χ^2/NDF : 2.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.611+/-477.336 χ^2/NDF : 7.2/20

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1384.449+/-0.487 χ^2/NDF : 48979.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.542+/-0.467 χ^2/NDF : 37737.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

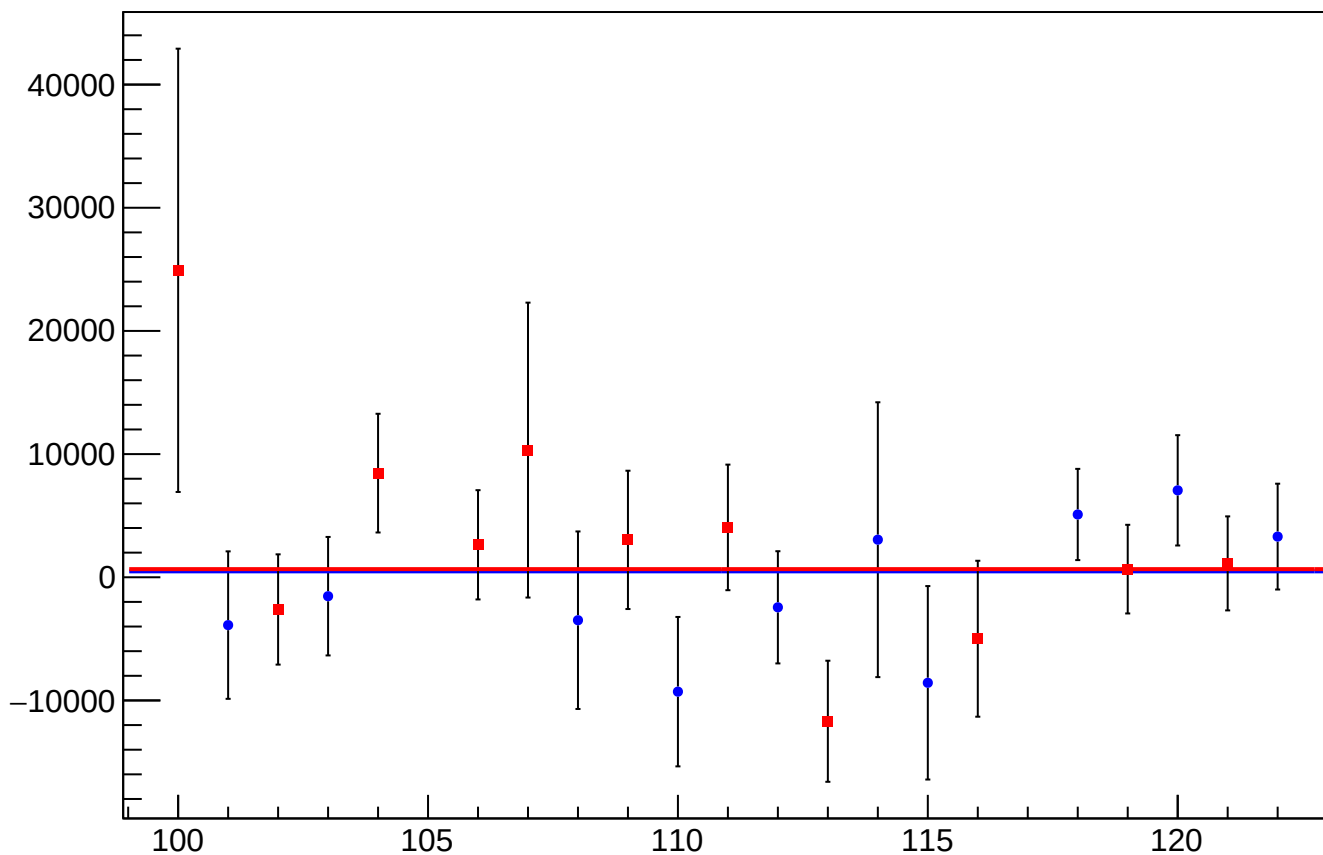
Right: 1391.793+/-0.337 χ^2/NDF : 87153.8/20

In: 1384.449+/-0.487 χ^2/NDF : 48979.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.793+/-0.337 χ^2/NDF : 87153.8/20

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 480.510+/-1650.713 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 661.401+/-1513.958 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

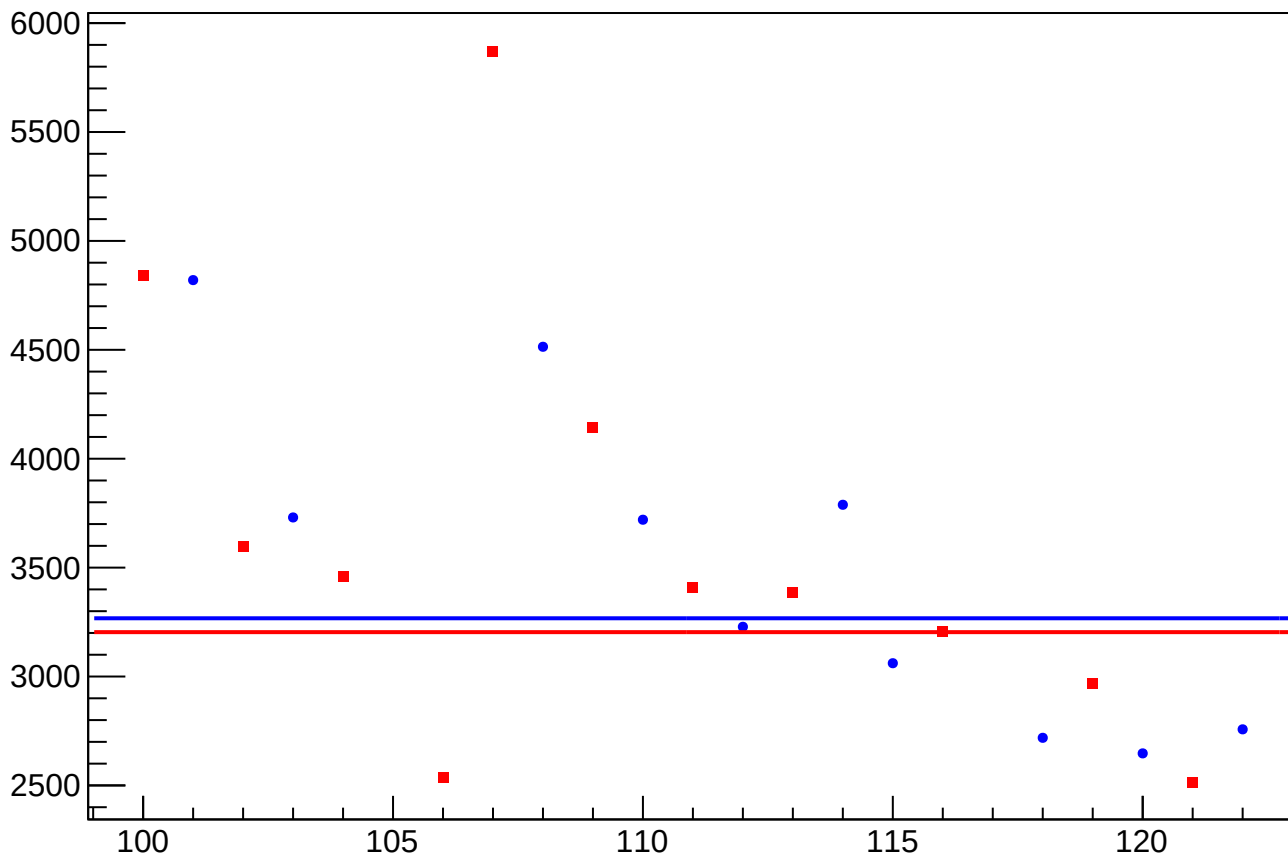
Right: 578.757+/-1115.750 χ^2/NDF : 23.1/20

In: 480.510+/-1650.713 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.757+/-1115.750 χ^2/NDF : 23.1/20

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3267.423+/-1.167 χ^2/NDF : 340378.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3203.775+/-1.071 χ^2/NDF : 317671.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

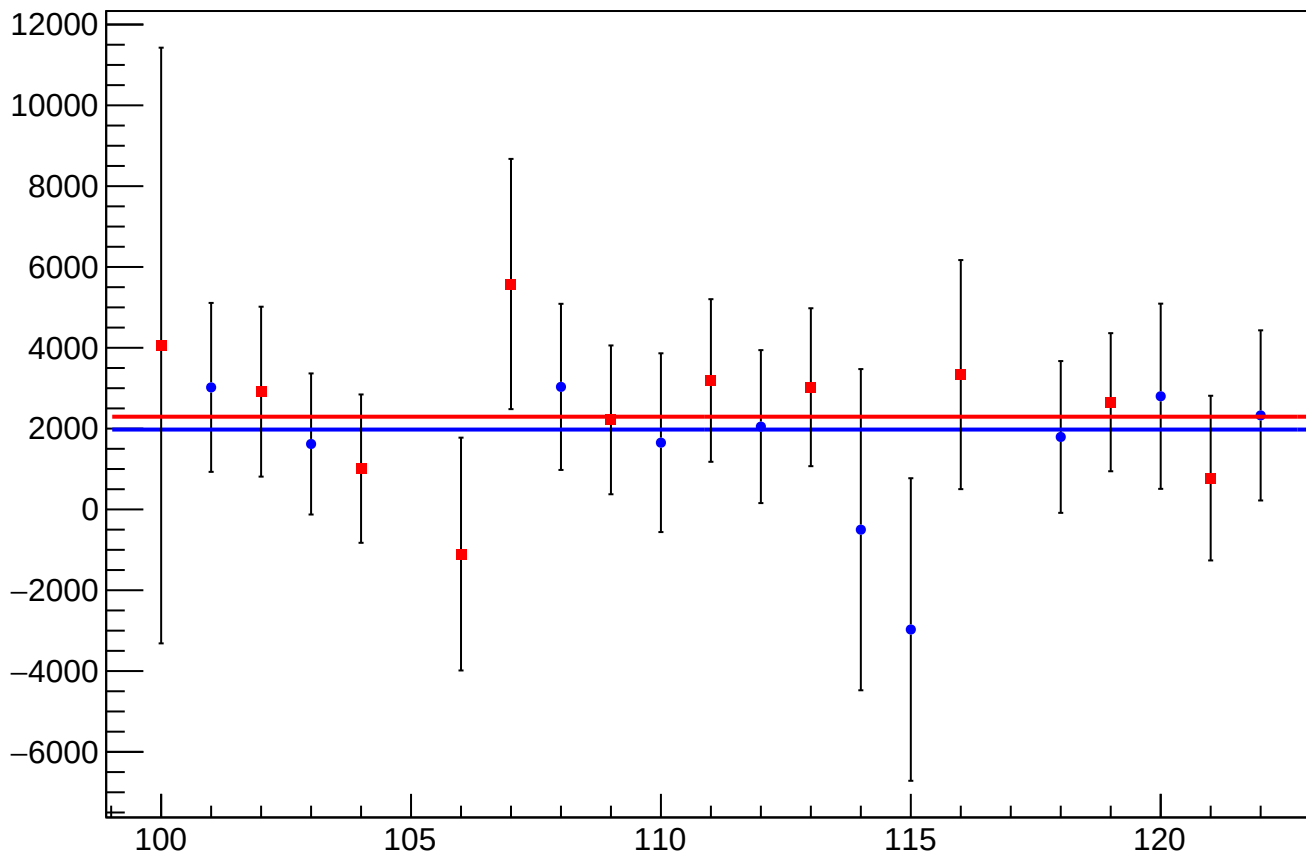
Right: 3232.854+/-0.789 χ^2/NDF : 659664.8/20

In: 3267.423+/-1.167 χ^2/NDF : 340378.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3232.854+/-0.789 χ^2/NDF : 659664.8/20

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1976.460+/-688.235 χ^2/NDF : 2.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.697+/-662.604 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

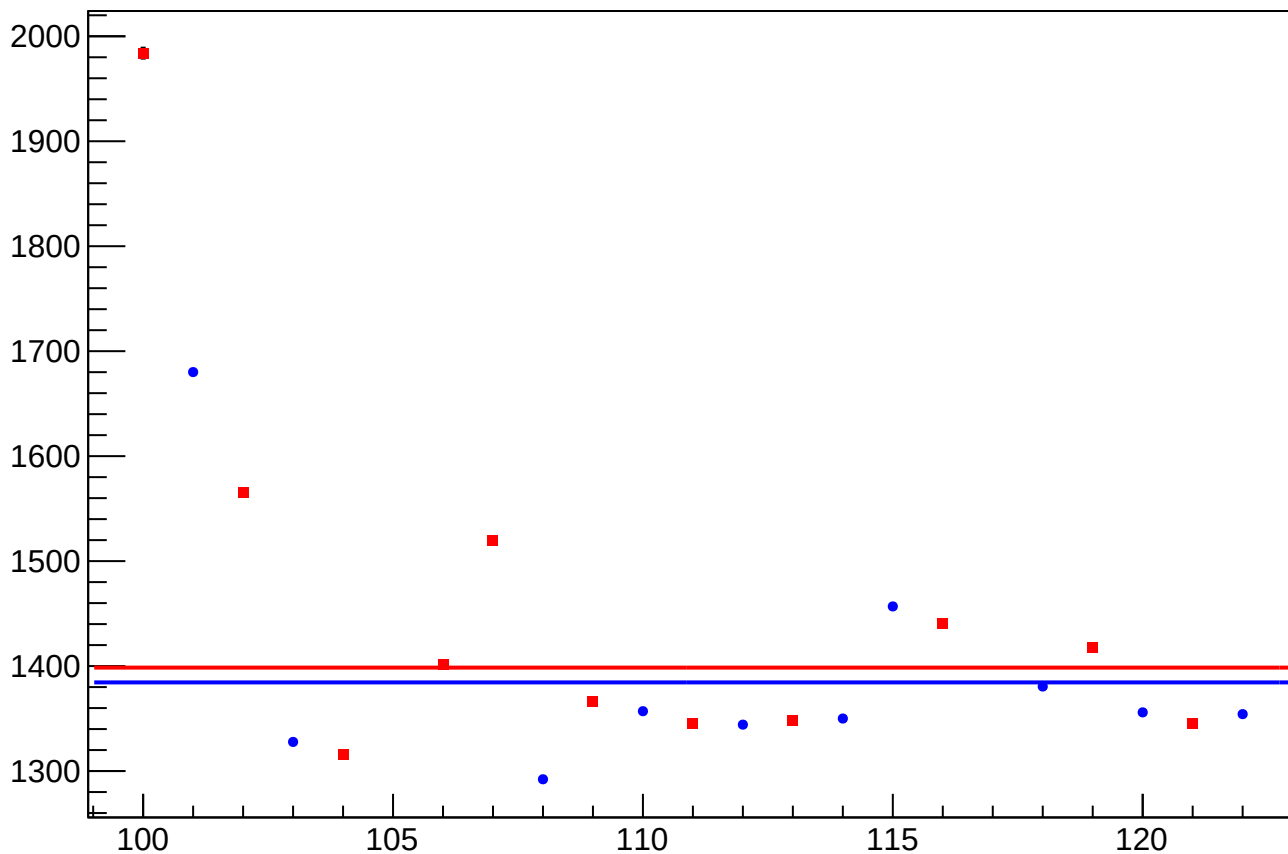
Right: 2141.615+/-477.336 χ^2/NDF : 7.2/20

In: 1976.460+/-688.235 χ^2/NDF : 2.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.615+/-477.336 χ^2/NDF : 7.2/20

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1384.449+/-0.487 χ^2/NDF : 48979.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.542+/-0.467 χ^2/NDF : 37737.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

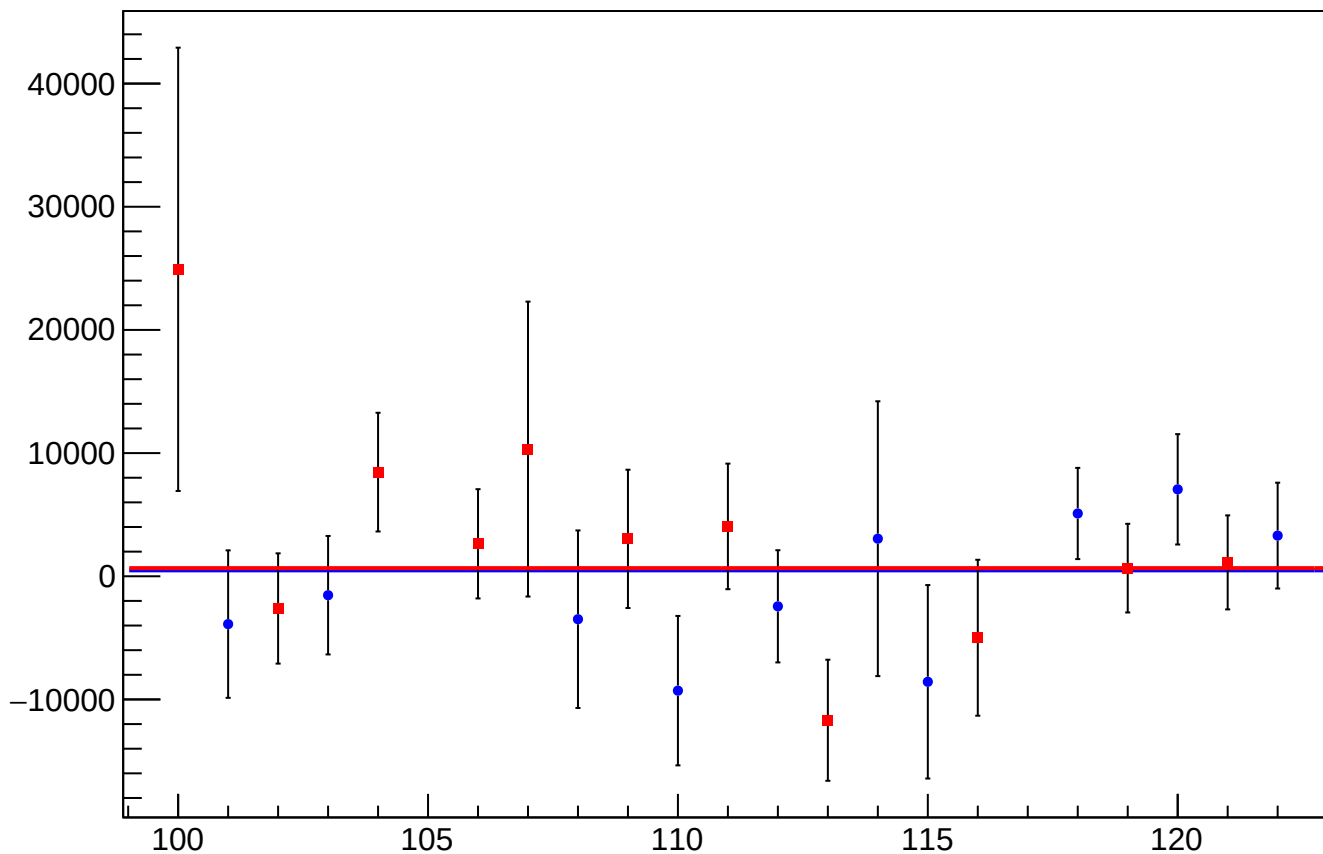
Right: 1391.792+/-0.337 χ^2/NDF : 87153.6/20

In: 1384.449+/-0.487 χ^2/NDF : 48979.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.792+/-0.337 χ^2/NDF : 87153.6/20

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 480.515+/-1650.707 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 661.398+/-1513.954 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

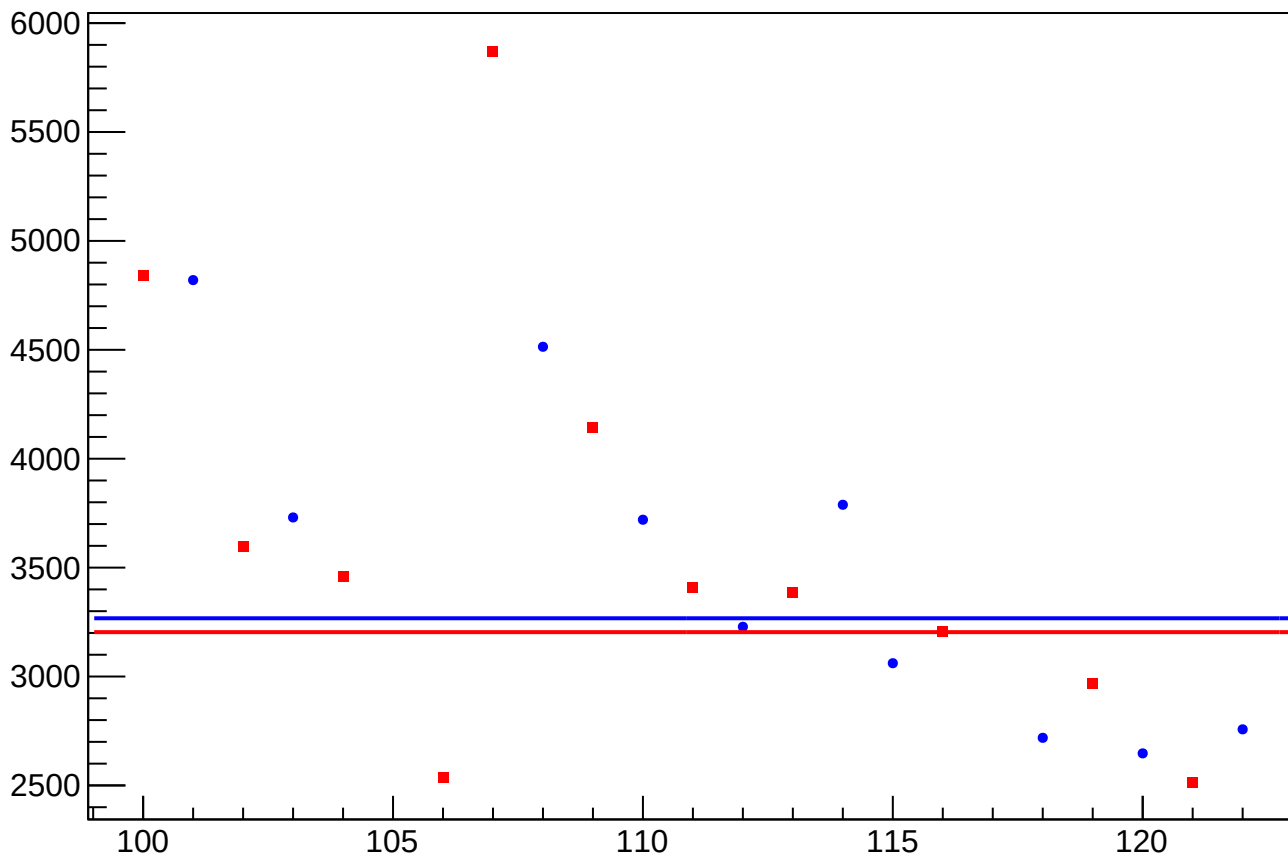
Right: 578.758+/-1115.746 χ^2/NDF : 23.1/20

In: 480.515+/-1650.707 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.758+/-1115.746 χ^2/NDF : 23.1/20

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3267.410+/-1.167 χ^2/NDF : 340383.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3203.765+/-1.071 χ^2/NDF : 317672.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

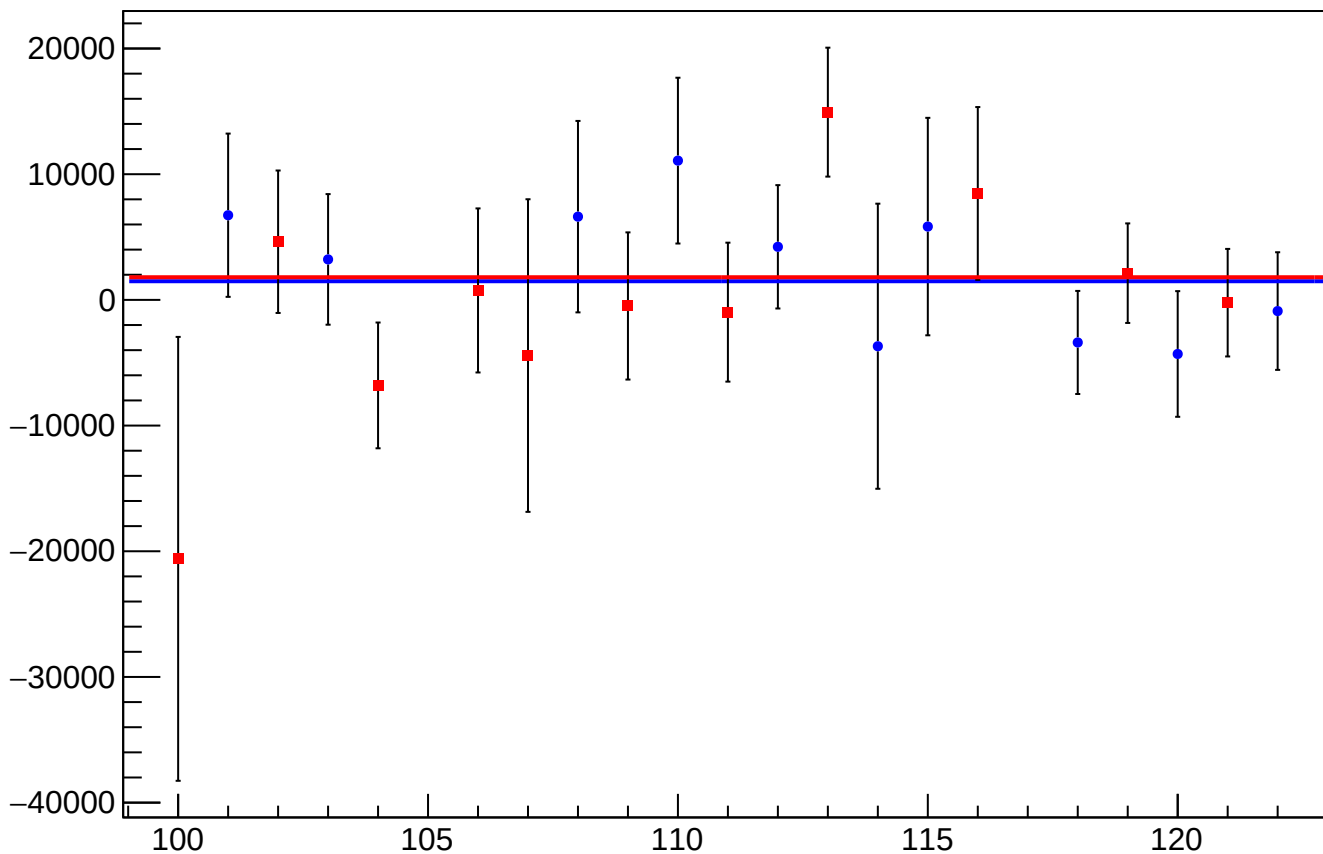
Right: 3232.843+/-0.789 χ^2/NDF : 659670.3/20

In: 3267.410+/-1.167 χ^2/NDF : 340383.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3232.843+/-0.789 χ^2/NDF : 659670.3/20

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1484.441+/-1799.514 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1802.135+/-1705.768 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

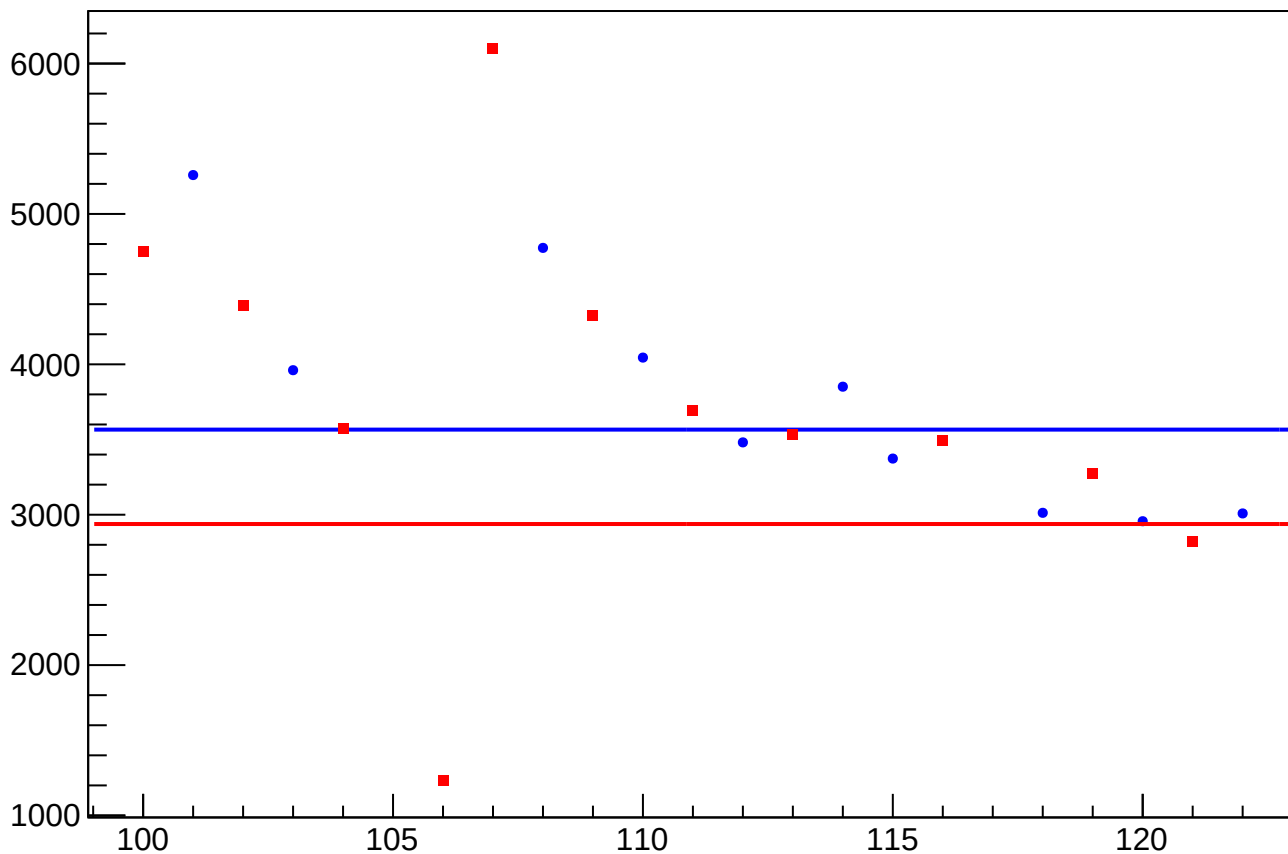
Right: 1651.779+/-1237.976 χ^2/NDF : 20.4/20

In: 1484.441+/-1799.514 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.779+/-1237.976 χ^2/NDF : 20.4/20

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3565.915+/-1.272 χ^2/NDF : 305643.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2938.138+/-1.061 χ^2/NDF : 1239897.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

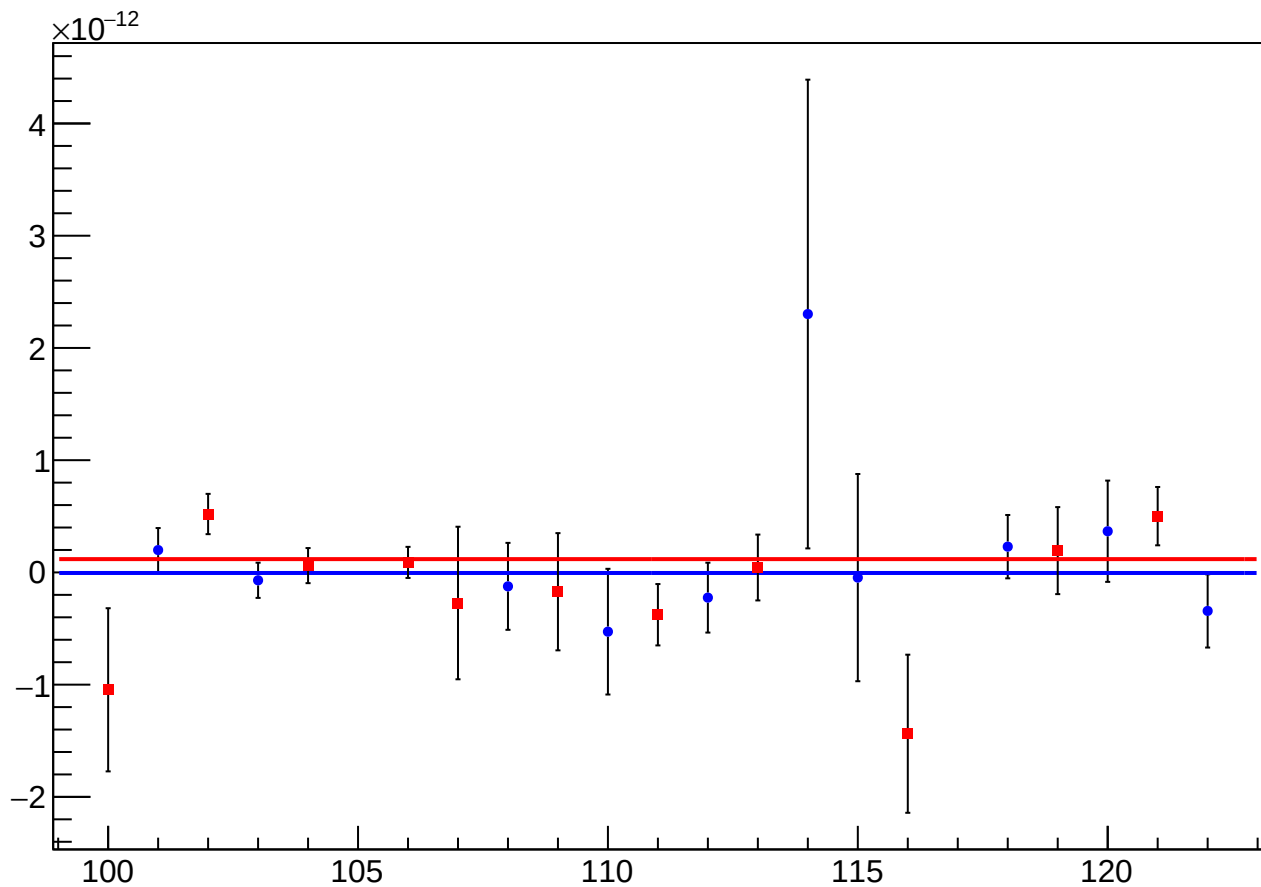
Right: 3195.613+/-0.815 χ^2/NDF : 1689118.1/20

In: 3565.915+/-1.272 χ^2/NDF :305643.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3195.613+/-0.815 χ^2/NDF : 1689118.1/20

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

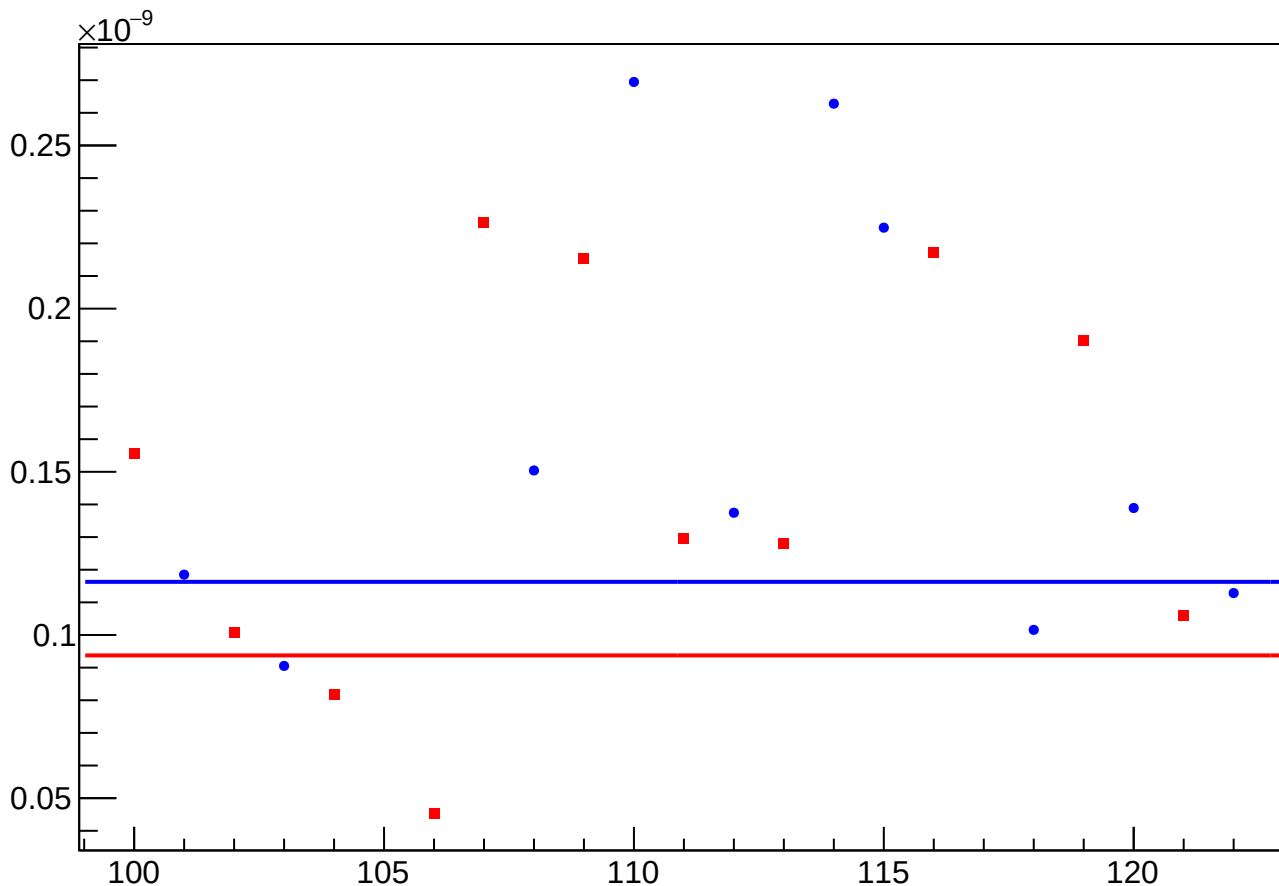
Right: 0.000+/-0.000 χ^2/NDF : 26.3/20

In: -0.000+/-0.000 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/20

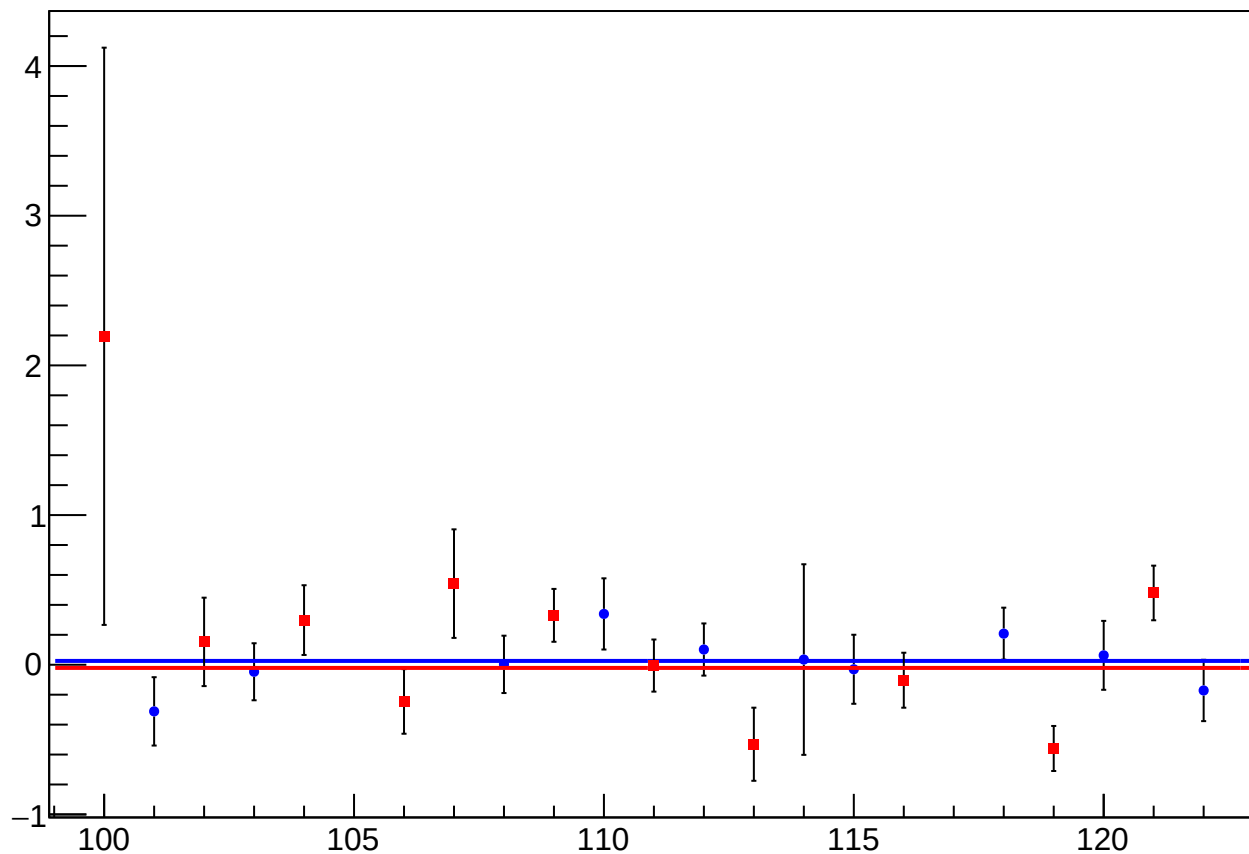
asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 276787.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 710106.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1058268.7/20
 In: 0.000+/-0.000 χ^2/NDF : 276787.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1058268.7/20

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.067 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.064 χ^2/NDF : 35.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

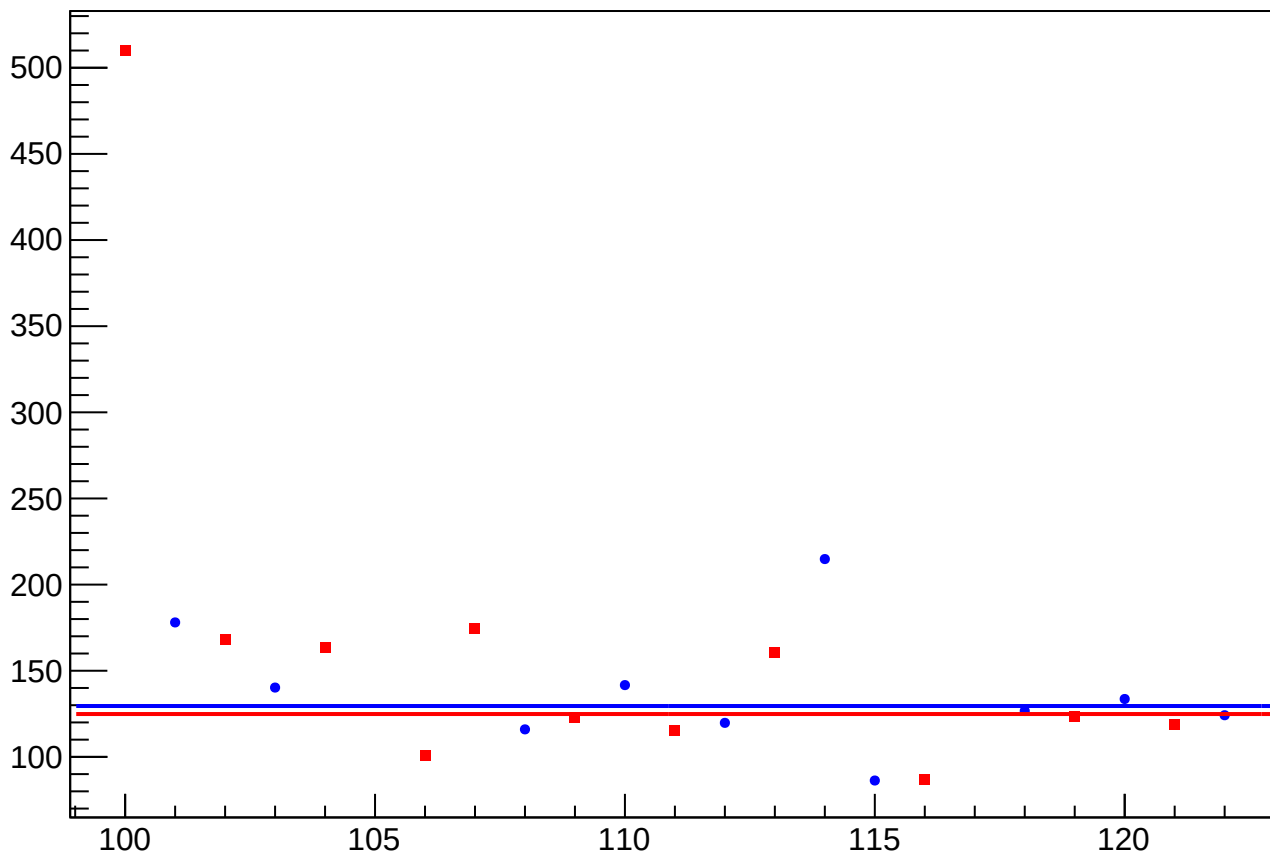
Right: 0.001+/-0.046 χ^2/NDF : 42.5/20

In: 0.026+/-0.067 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.046 χ^2/NDF : 42.5/20

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.529+/-0.047 χ^2/NDF : 226881.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.874+/-0.045 χ^2/NDF : 376080.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

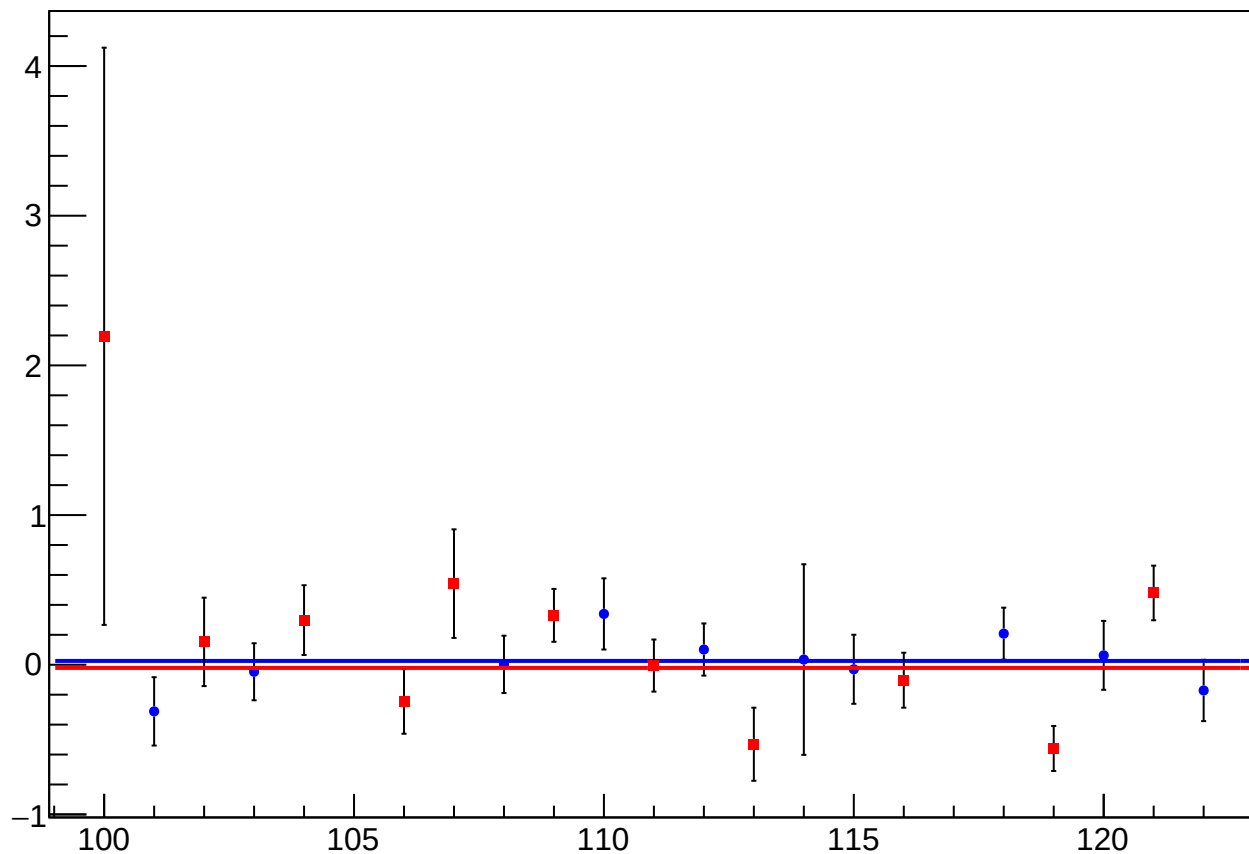
Right: 127.086+/-0.033 χ^2/NDF : 608004.4/20

In: 129.529+/-0.047 χ^2/NDF : 226881.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.086+/-0.033 χ^2/NDF : 608004.4/20

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.067 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.064 χ^2/NDF : 35.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

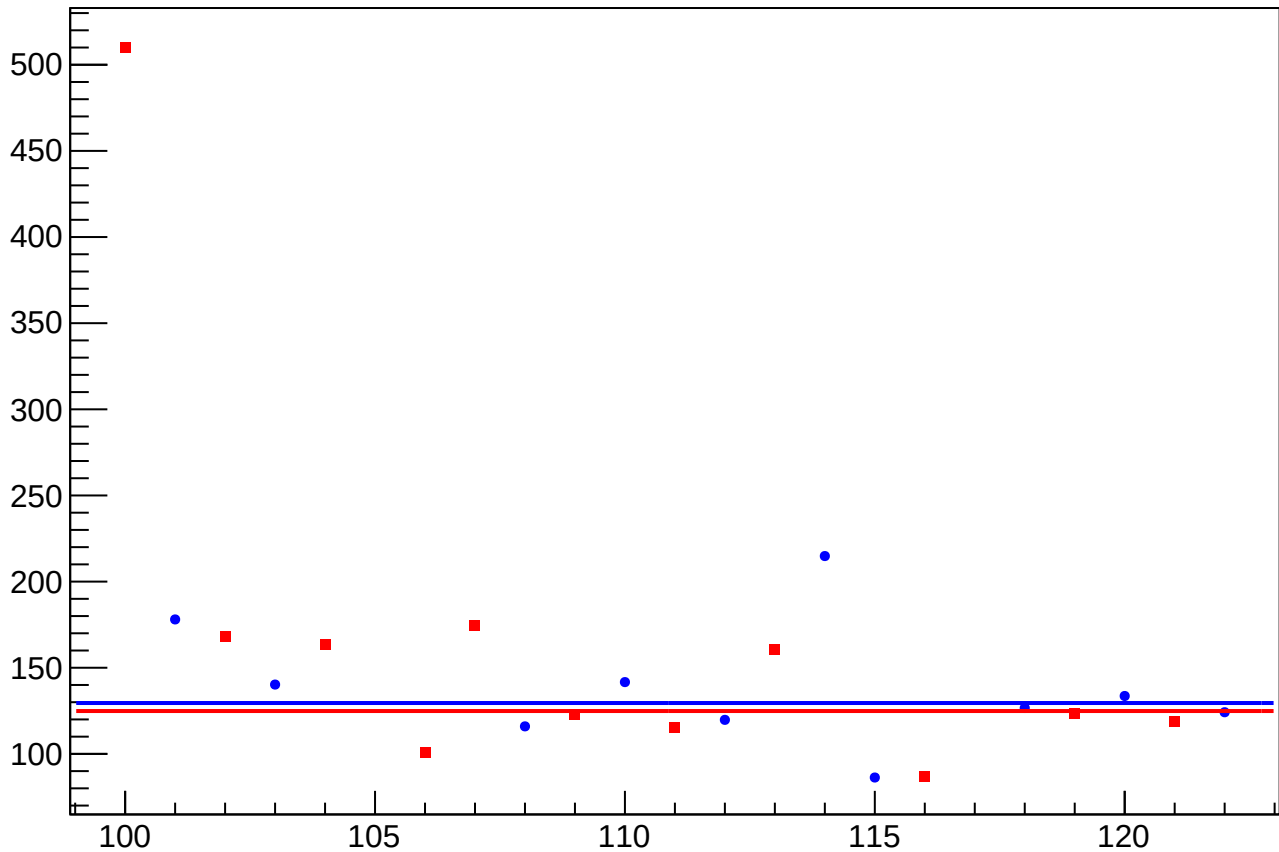
Right: 0.001+/-0.046 χ^2/NDF : 42.5/20

In: 0.026+/-0.067 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.046 χ^2/NDF : 42.5/20

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.529+/-0.047 χ^2/NDF : 226881.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.874+/-0.045 χ^2/NDF : 376080.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

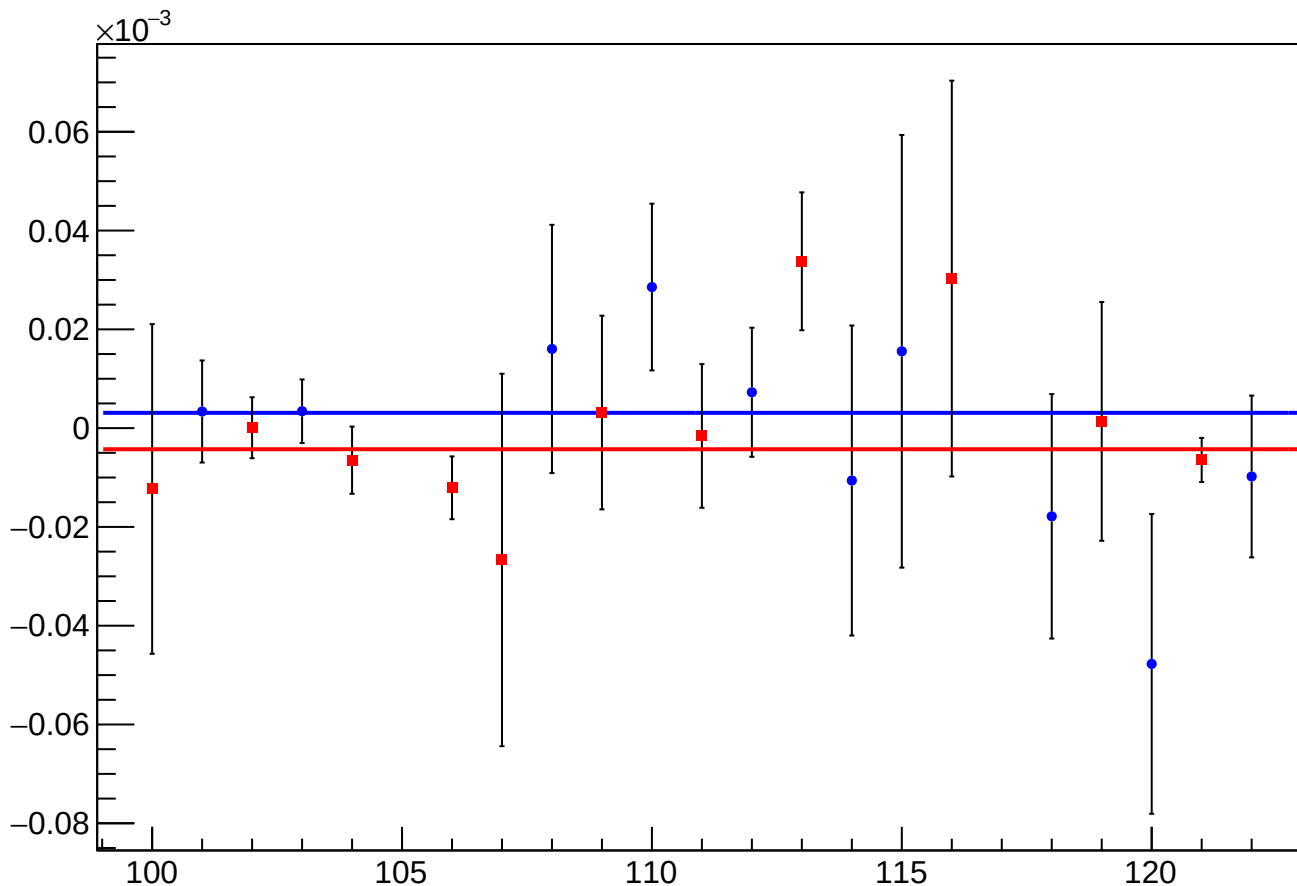
Right: 127.086+/-0.033 χ^2/NDF : 608004.4/20

In: 129.529+/-0.047 χ^2/NDF : 226881.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.086+/-0.033 χ^2/NDF : 608004.4/20

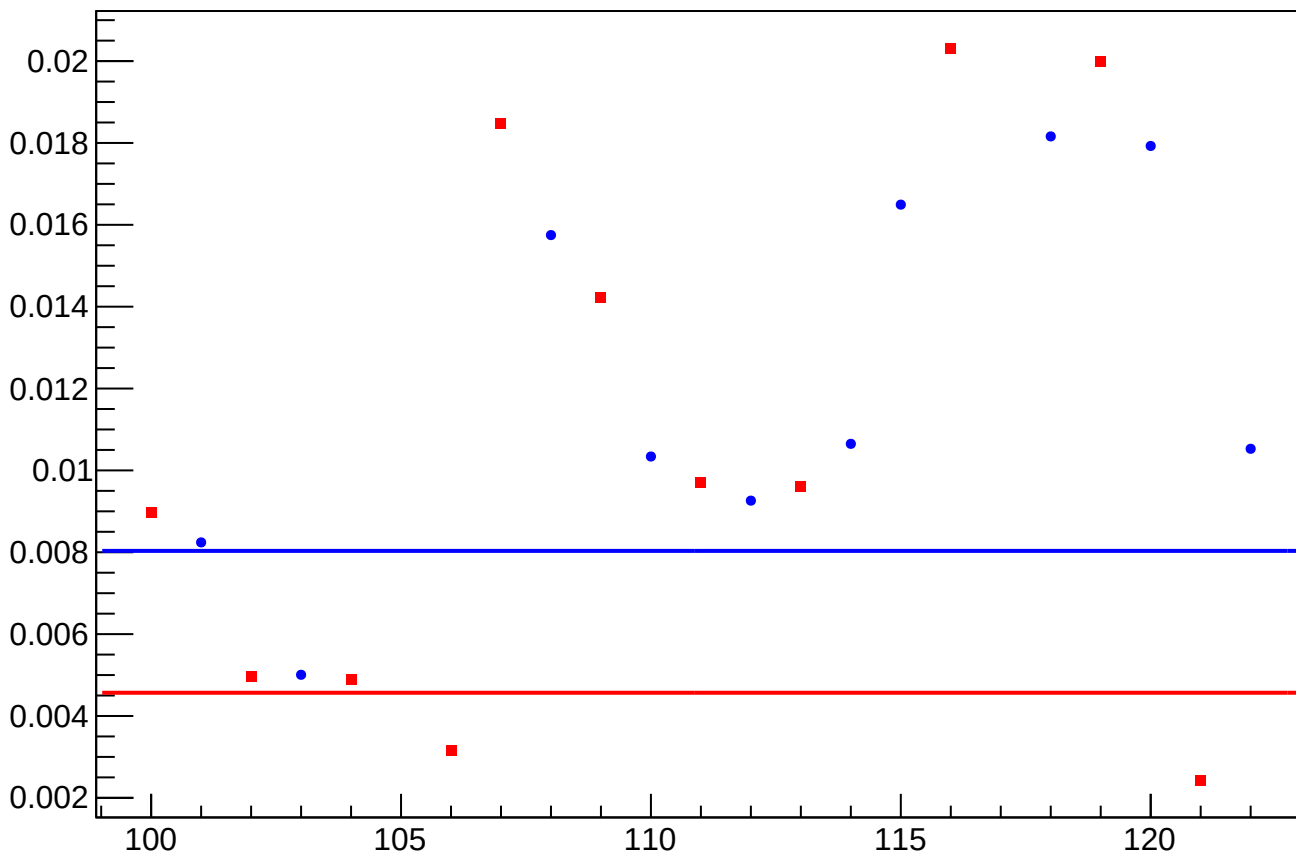
asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/9
 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 : 20.3/20
 In: 0.000+/-0.000 χ^2/NDF : 7.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 20.3/20

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1369100.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3003374.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

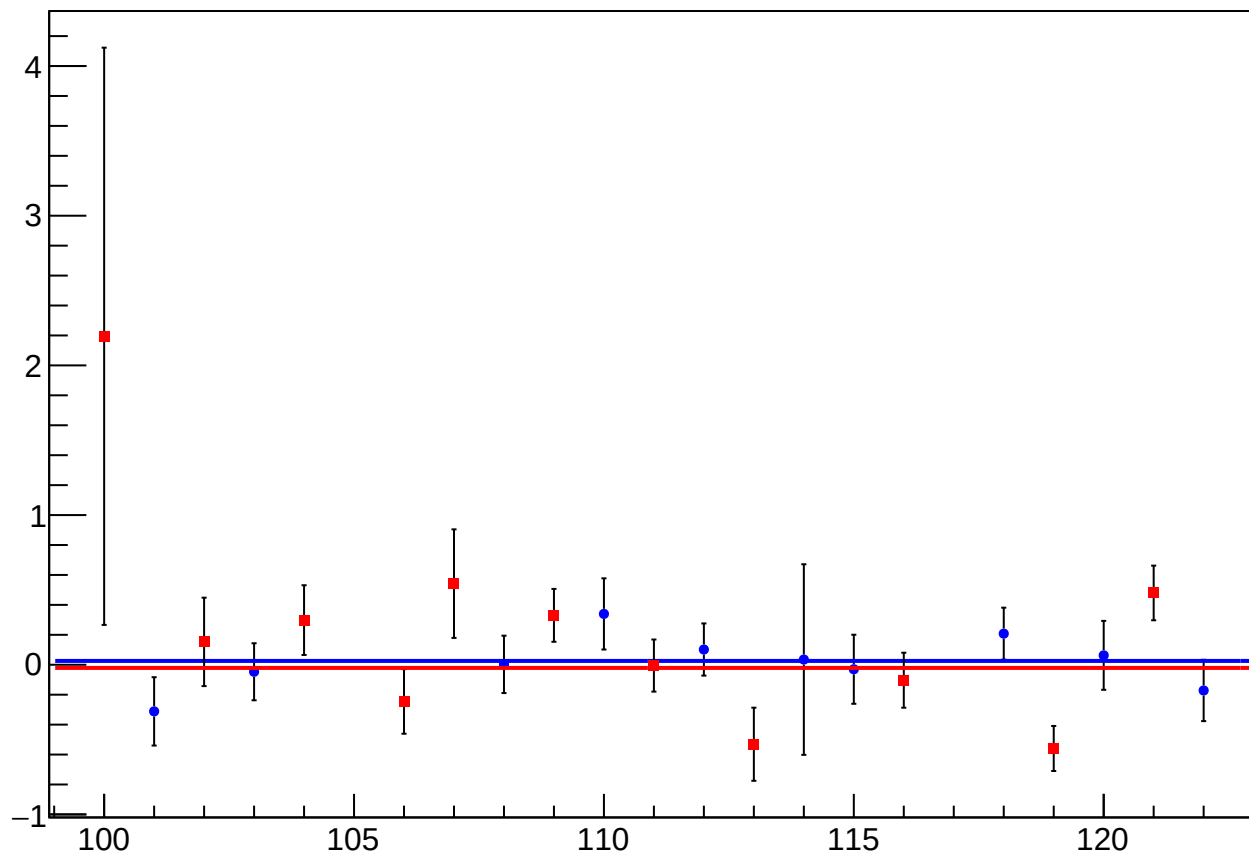
Right: 0.006+/-0.000 χ^2/NDF : 5287602.3/20

In: 0.008+/-0.000 χ^2/NDF :1369100.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5287602.3/20

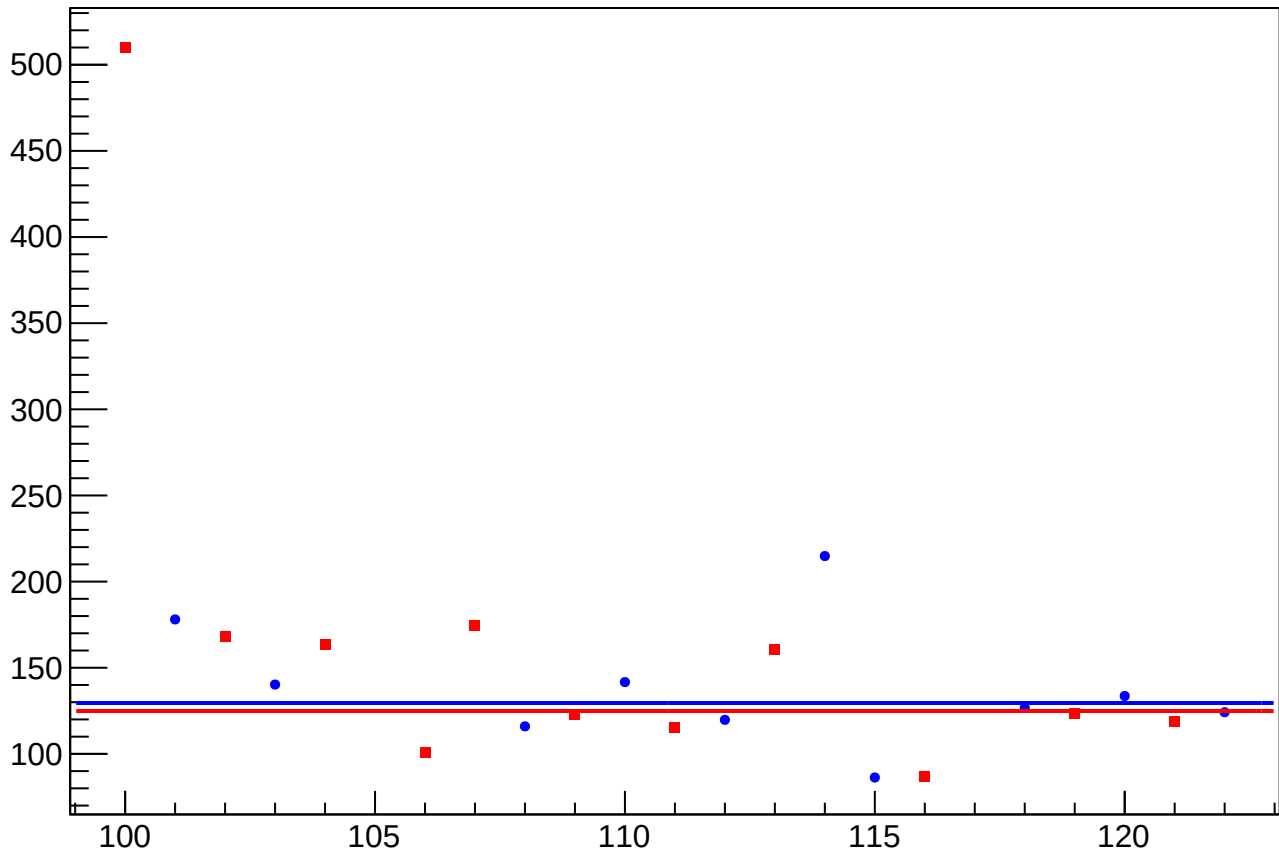
asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.067 χ^2/NDF : 6.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.021+/-0.064 χ^2/NDF : 35.9/10
 Left 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+/-0.046 χ^2/NDF : 42.5/20
 In: 0.026+/-0.067 χ^2/NDF : 6.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.046 χ^2/NDF : 42.5/20

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.530+/-0.047 χ^2/NDF : 226861.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.876+/-0.045 χ^2/NDF : 376049.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

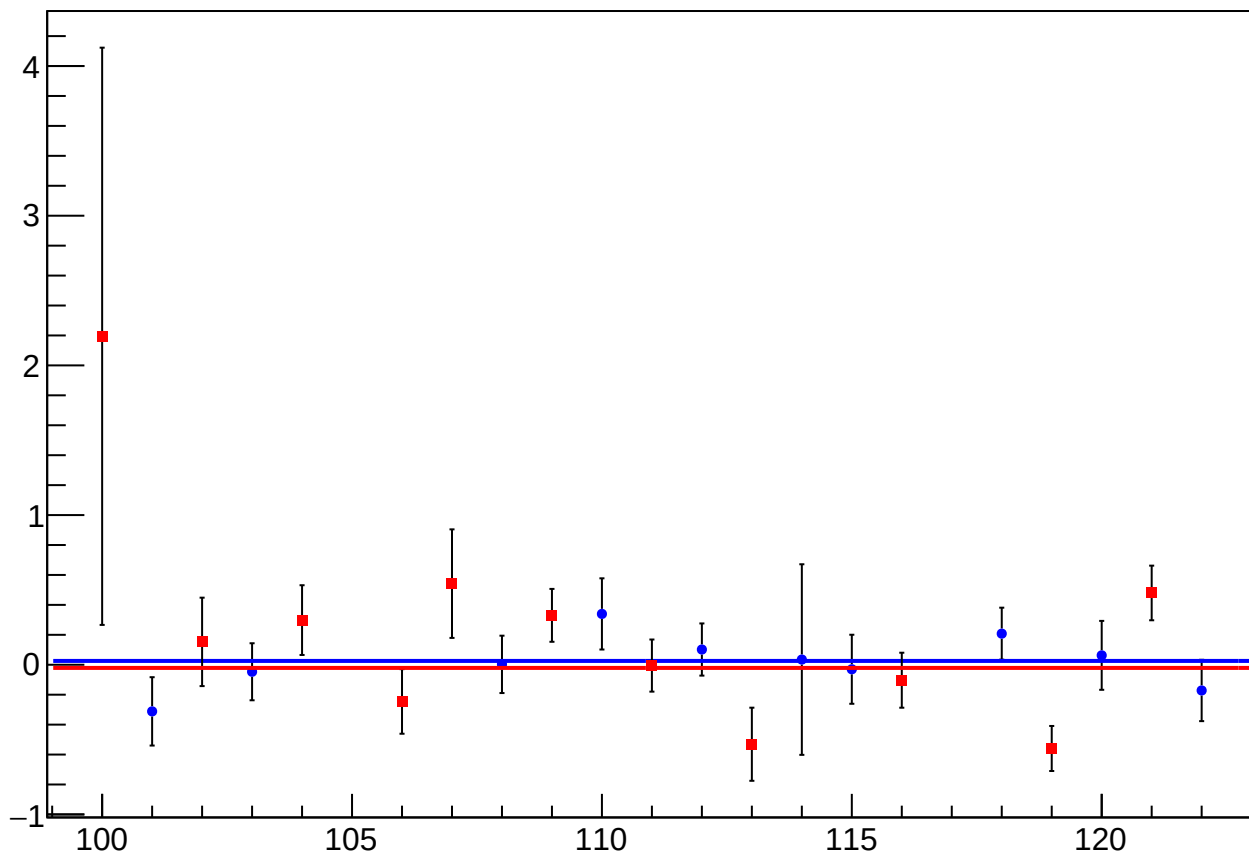
Right: 127.087+/-0.033 χ^2/NDF : 607952.8/20

In: 129.530+/-0.047 χ^2/NDF : 226861.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.087+/-0.033 χ^2/NDF : 607952.8/20

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.067 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.064 χ^2/NDF : 35.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

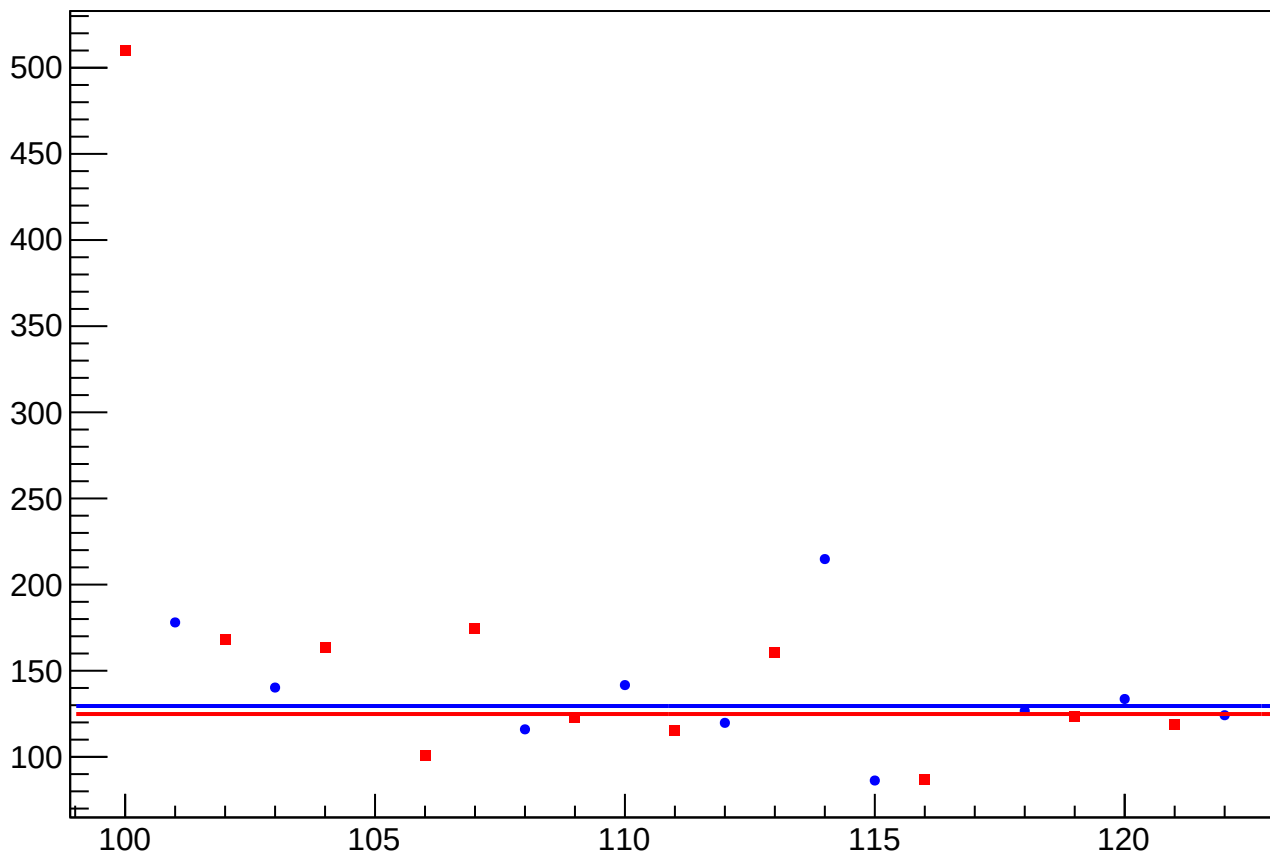
Right: 0.001+/-0.046 χ^2/NDF : 42.5/20

In: 0.026+/-0.067 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.046 χ^2/NDF : 42.5/20

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.530+/-0.047 χ^2/NDF : 226861.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.876+/-0.045 χ^2/NDF : 376049.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

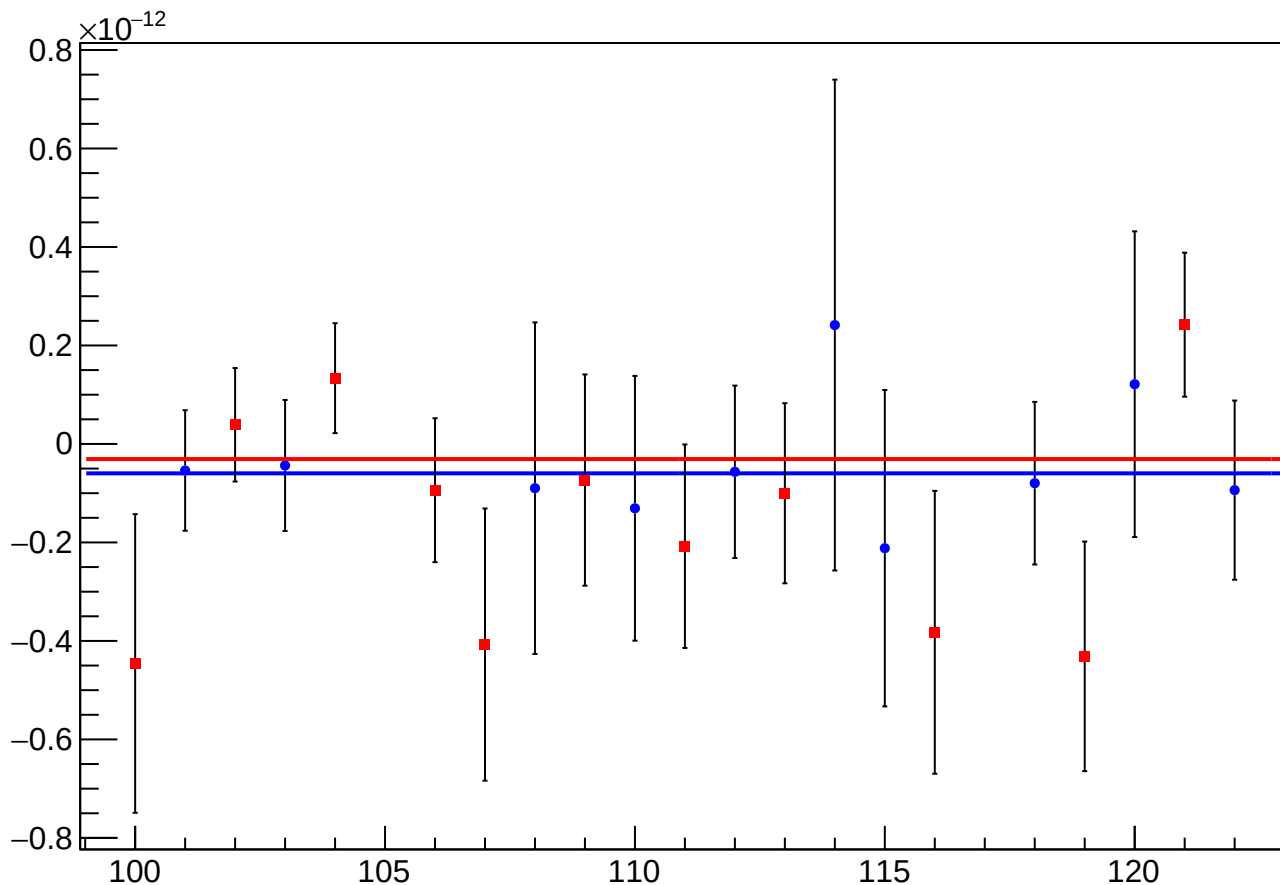
Right: 127.087+/-0.033 χ^2/NDF : 607952.8/20

In: 129.530+/-0.047 χ^2/NDF : 226861.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.087+/-0.033 χ^2/NDF : 607952.8/20

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/9

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

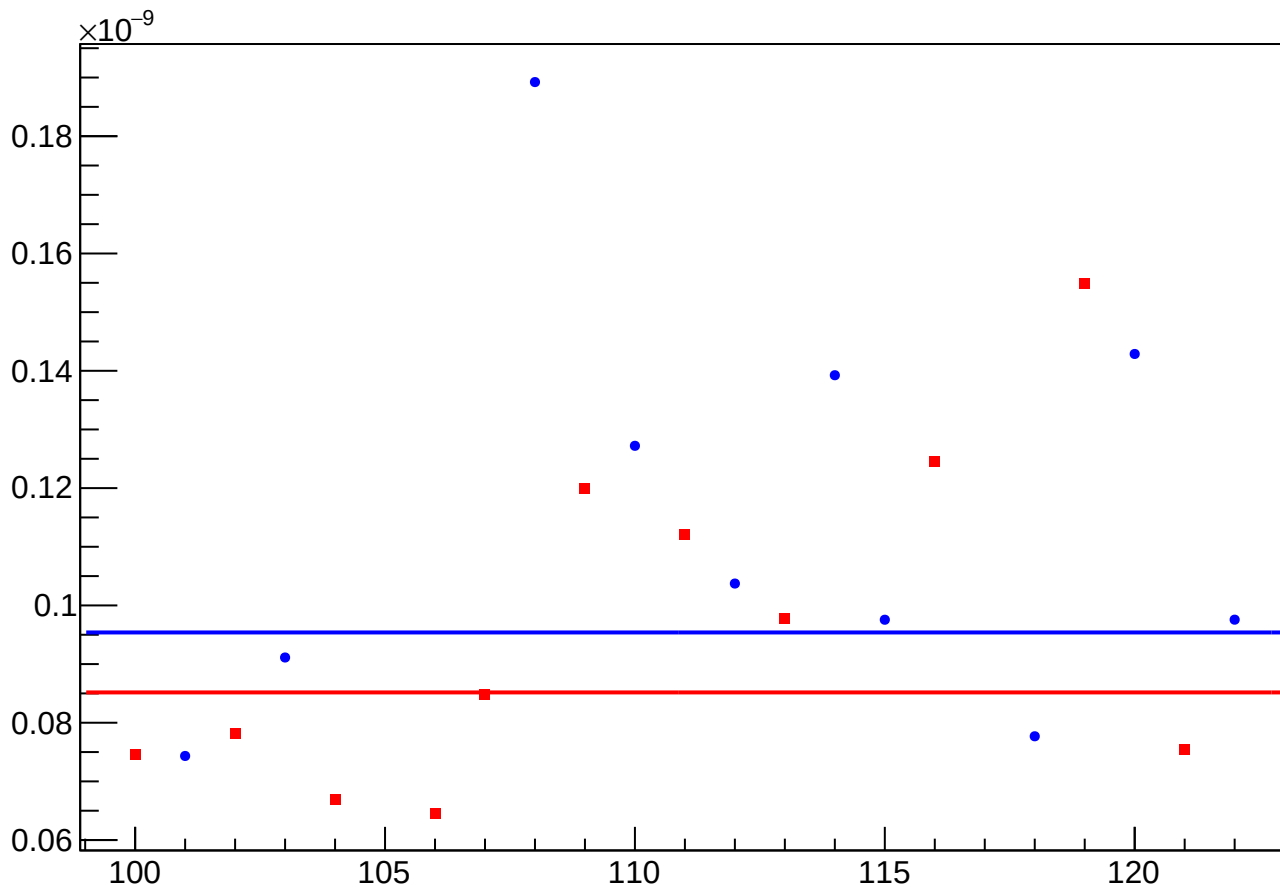
Right: -0.000+/-0.000 χ^2/NDF : 16.5/20

In: -0.000+/-0.000 χ^2/NDF :1.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/20

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 334793.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 423736.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

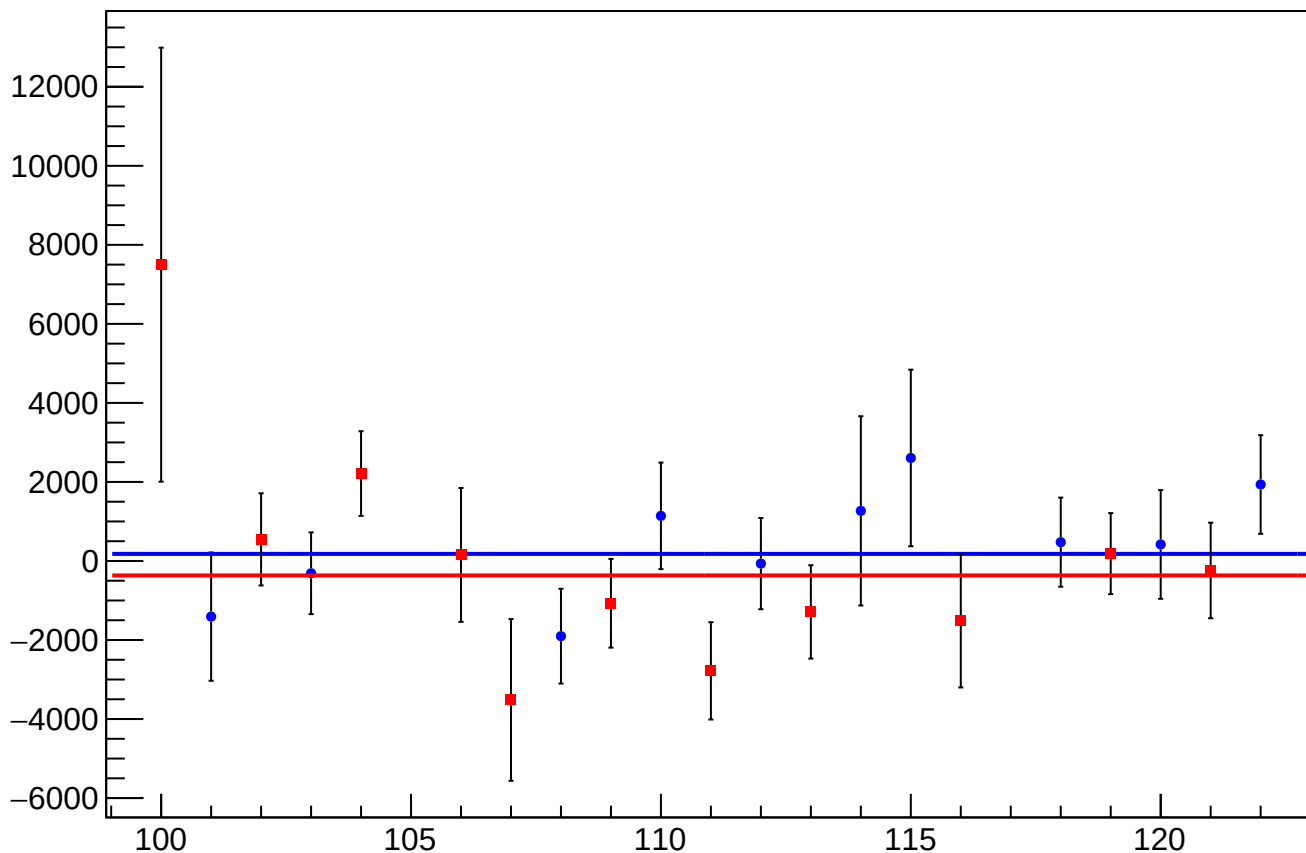
Right: 0.000+/-0.000 χ^2/NDF : 791453.6/20

In: 0.000+/-0.000 χ^2/NDF : 334793.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 791453.6/20

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 179.340 $\pm$ 420.997 χ^2 /NDF: 8.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -365.672 $\pm$ 395.839 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

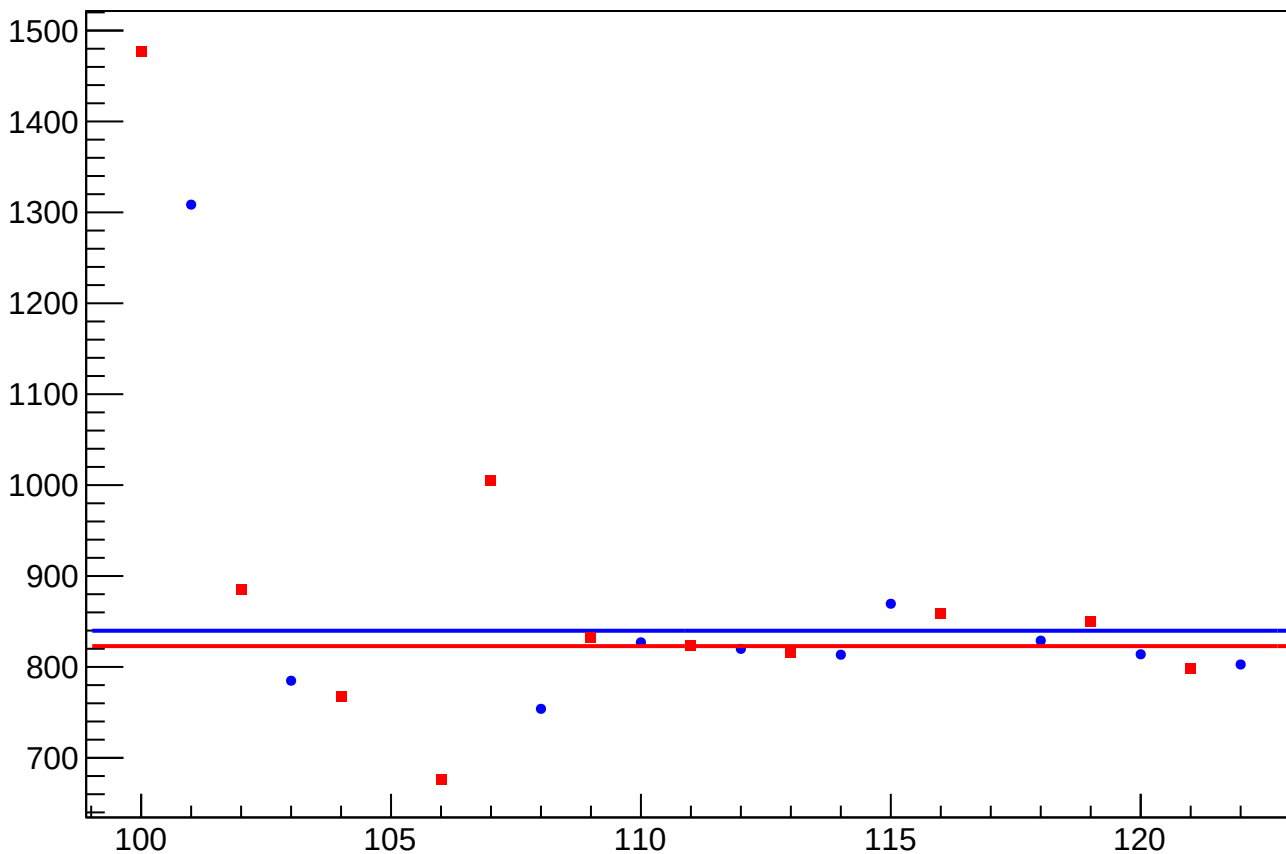
Right: -109.936 $\pm$ 288.385 χ^2 /NDF: 25.6/20

In: 179.340 $\pm$ 420.997 χ^2 /NDF:8.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -109.936 $\pm$ 288.385 χ^2 /NDF: 25.6/20

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.822+/-0.298 χ^2/NDF : 186674.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 822.903+/-0.275 χ^2/NDF : 84203.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

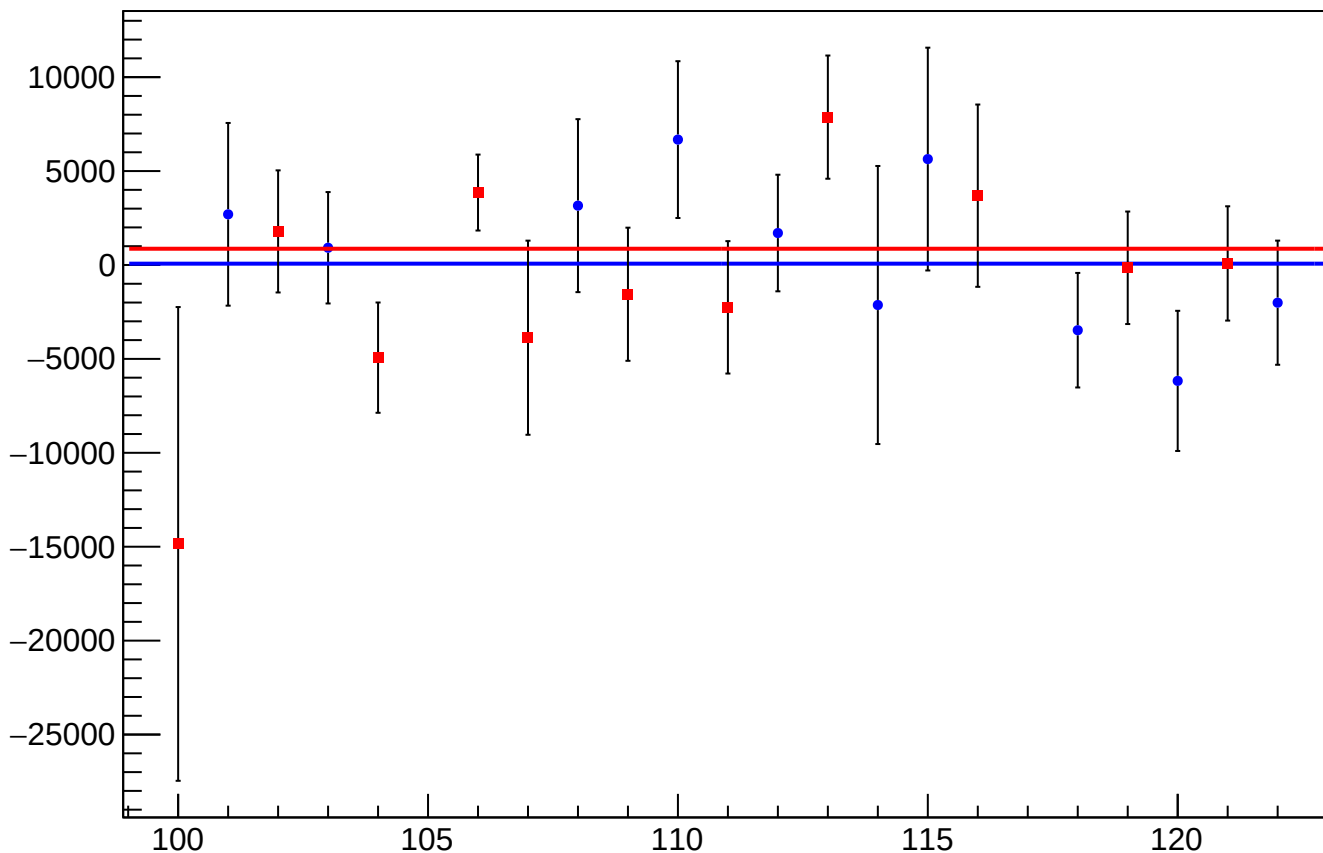
Right: 830.685+/-0.202 χ^2/NDF : 272622.1/20

In: 839.822+/-0.298 χ^2/NDF : 186674.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.685+/-0.202 χ^2/NDF : 272622.1/20

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 69.844+/-1210.934 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.681+/-993.007 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

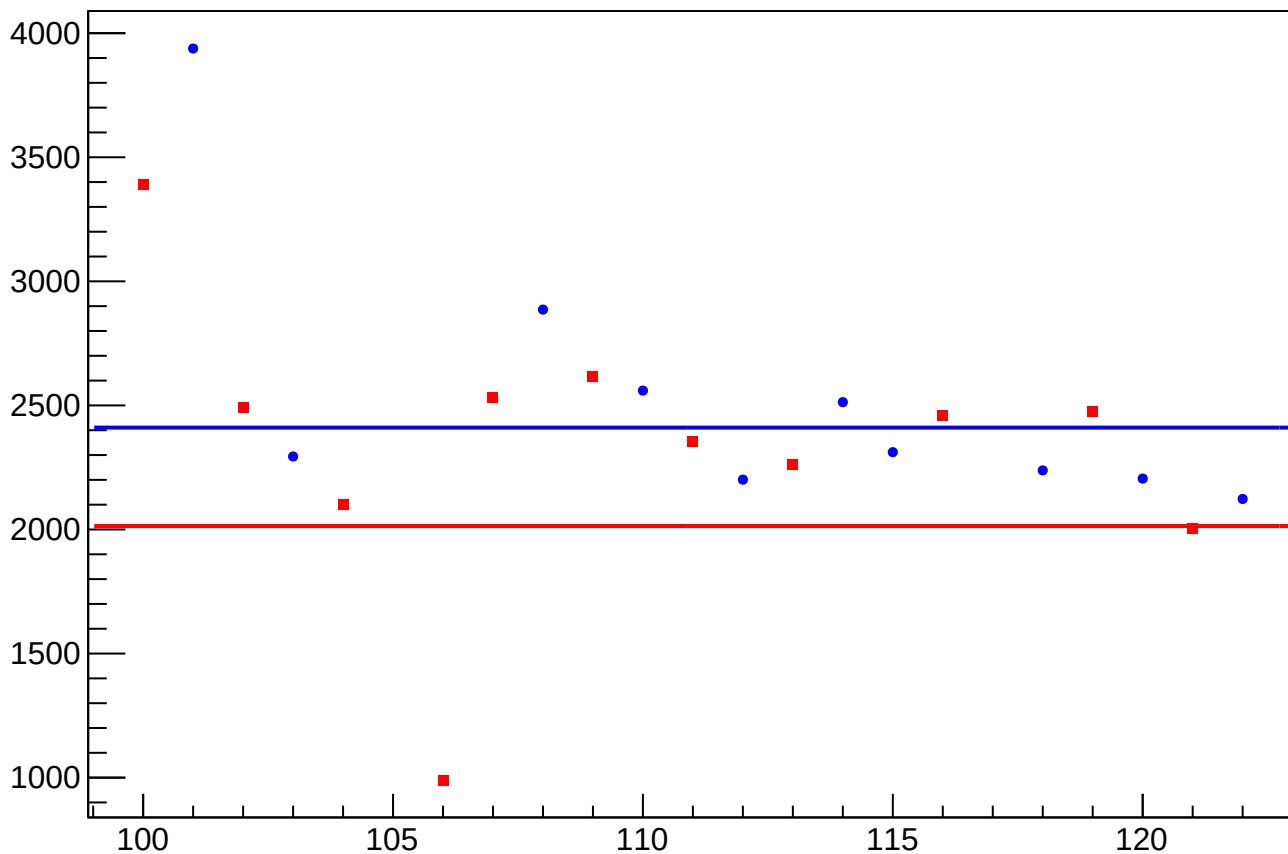
Right: 545.095+/-767.848 χ^2/NDF : 24.3/20

In: 69.844+/-1210.934 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.095+/-767.848 χ^2/NDF : 24.3/20

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2410.553+/-0.856 χ^2/NDF : 261962.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2013.926+/-0.702 χ^2/NDF : 755428.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

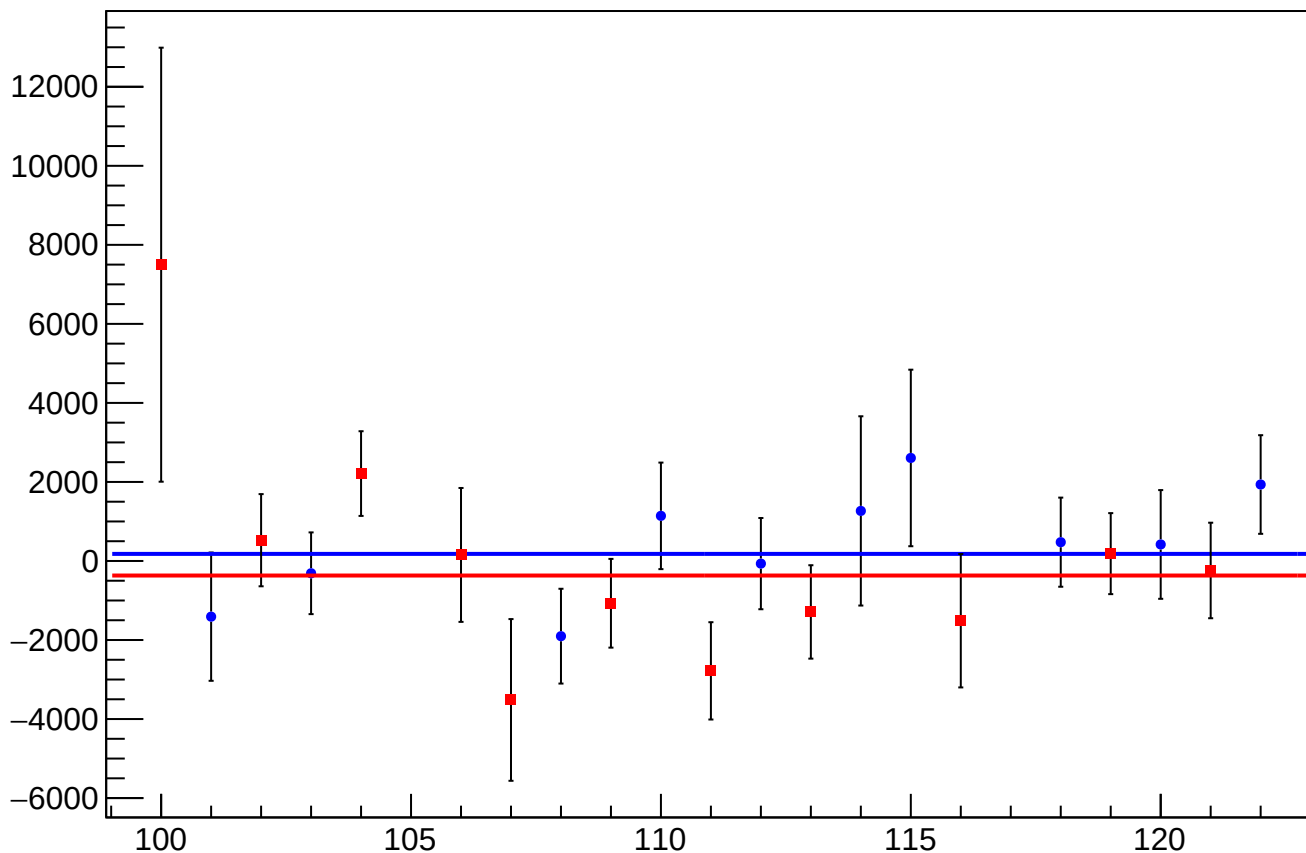
Right: 2173.401+/-0.543 χ^2/NDF : 1145683.2/20

In: 2410.553+/-0.856 χ^2/NDF : 261962.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.401+/-0.543 χ^2/NDF : 1145683.2/20

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 179.194+/-420.997 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -368.169+/-395.848 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

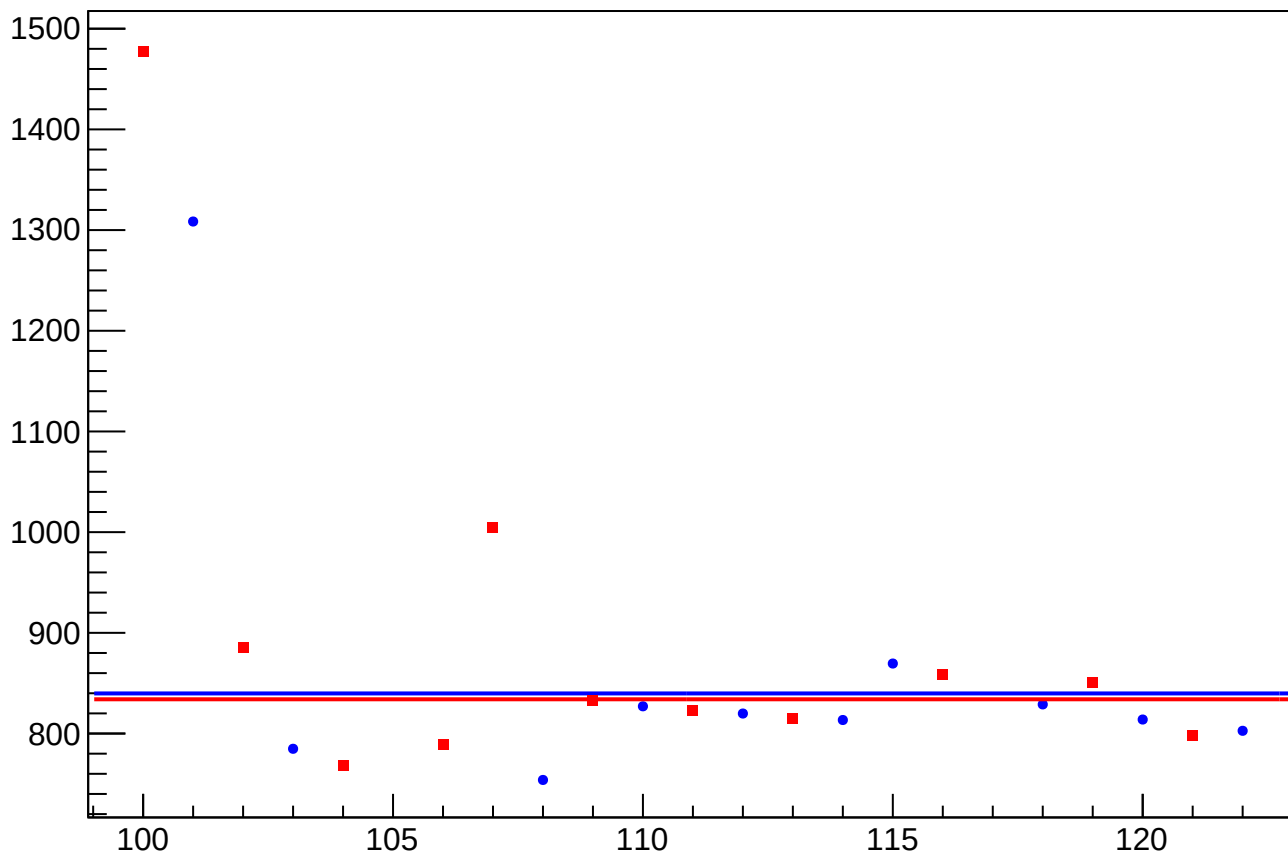
Right: -111.323+/-288.388 χ^2/NDF : 25.6/20

In: 179.194+/-420.997 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.323+/-288.388 χ^2/NDF : 25.6/20

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.822+/-0.298 χ^2/NDF : 186673.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.007+/-0.278 χ^2/NDF : 58031.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

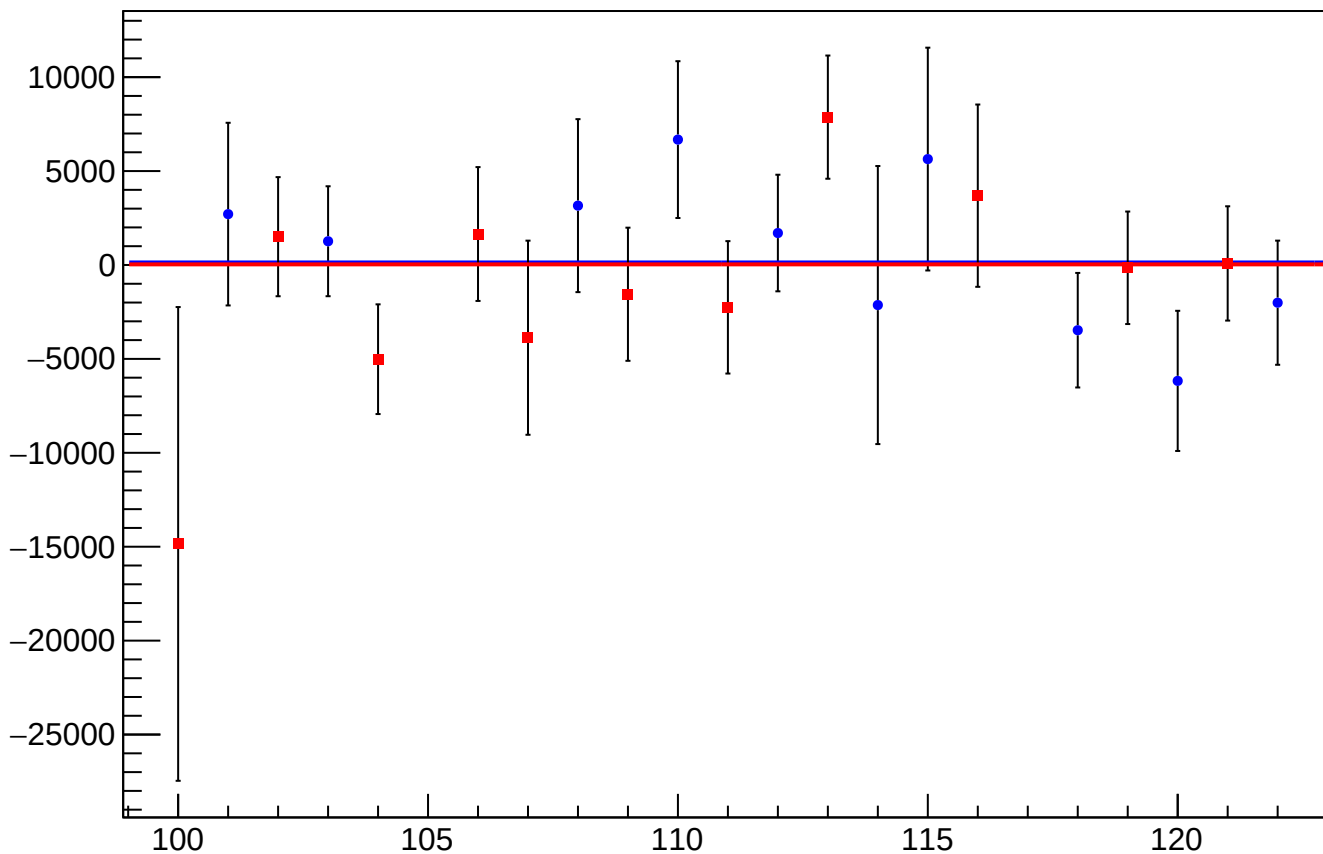
Right: 836.713+/-0.203 χ^2/NDF : 244909.1/20

In: 839.822+/-0.298 χ^2/NDF : 186673.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.713+/-0.203 χ^2/NDF : 244909.1/20

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 133.368+/-1208.242 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.030+/-1081.953 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

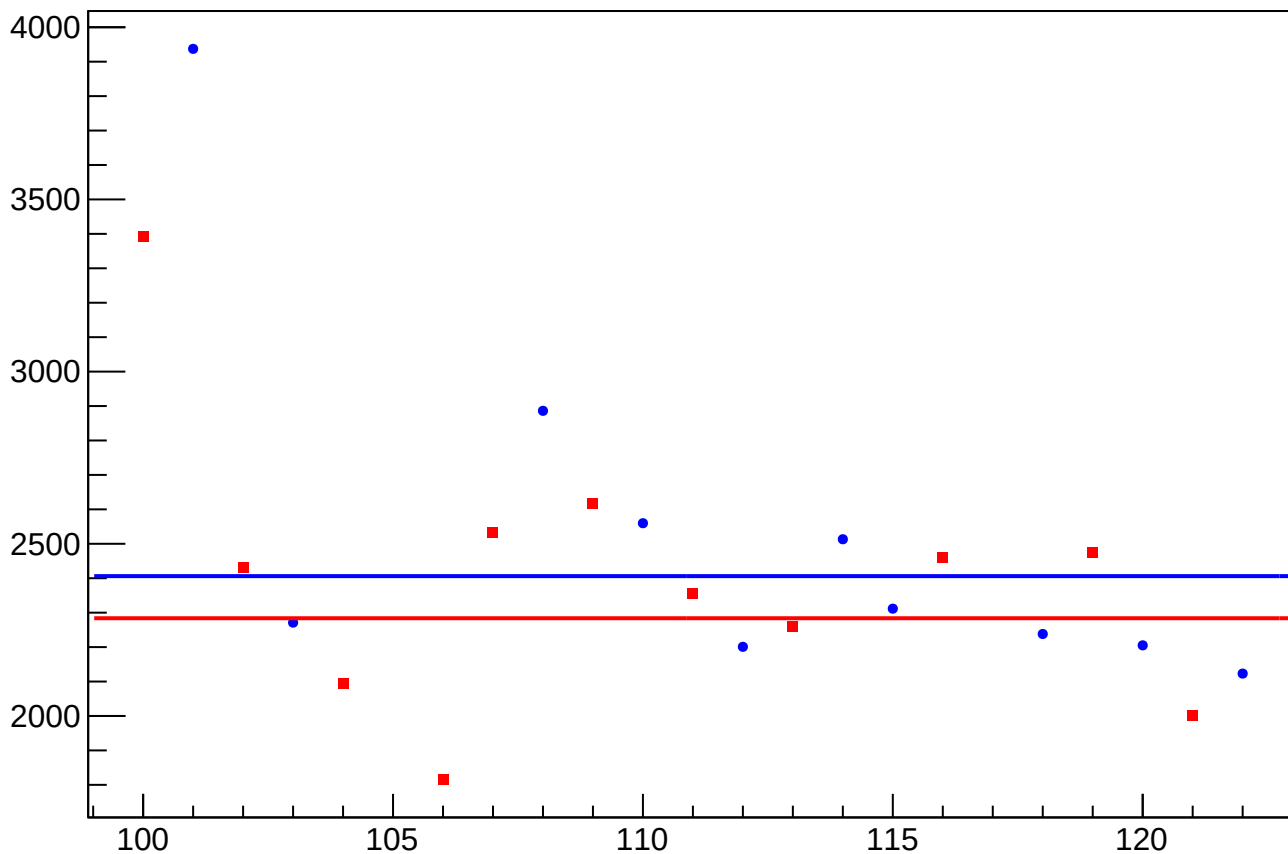
Right: 77.683+/-806.019 χ^2/NDF : 21.5/20

In: 133.368+/-1208.242 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.683+/-806.019 χ^2/NDF : 21.5/20

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.088+/-0.854 χ^2/NDF : 263244.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2283.801+/-0.765 χ^2/NDF : 113894.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

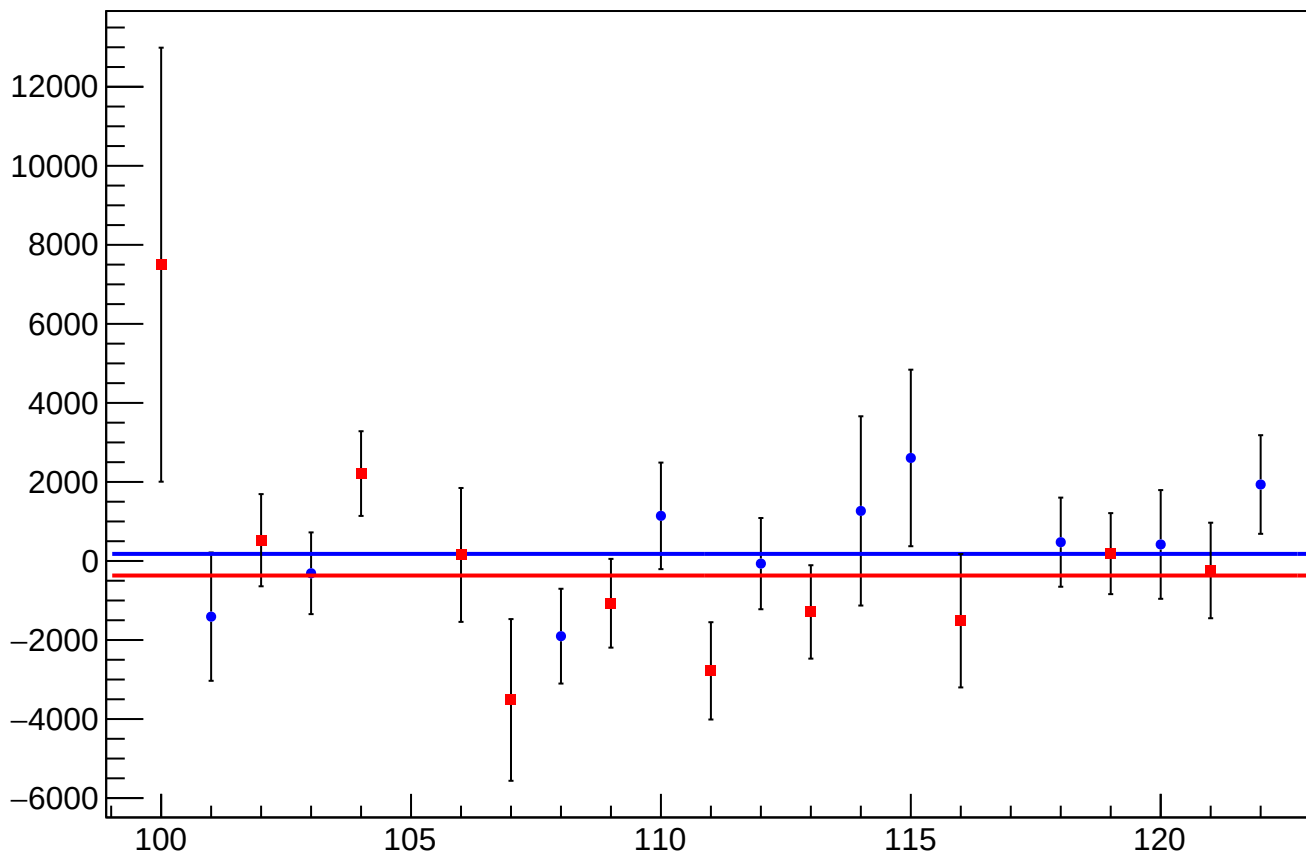
Right: 2338.222+/-0.570 χ^2/NDF : 388509.5/20

In: 2406.088+/-0.854 χ^2/NDF : 263244.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2338.222+/-0.570 χ^2/NDF : 388509.5/20

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 179.194+/-420.997 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -368.169+/-395.848 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

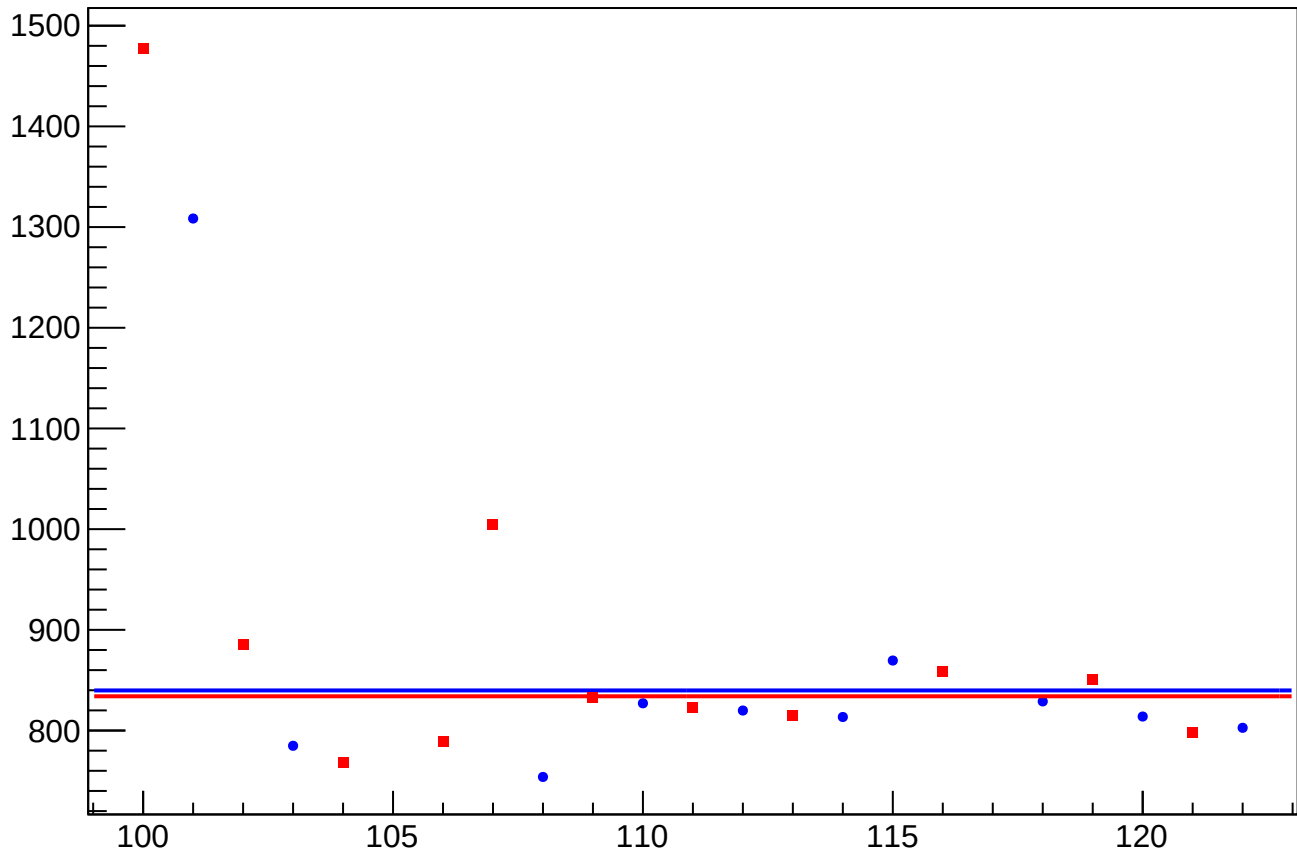
Right: -111.323+/-288.388 χ^2/NDF : 25.6/20

In: 179.194+/-420.997 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.323+/-288.388 χ^2/NDF : 25.6/20

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.822+/-0.298 χ^2/NDF : 186673.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.007+/-0.278 χ^2/NDF : 58031.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

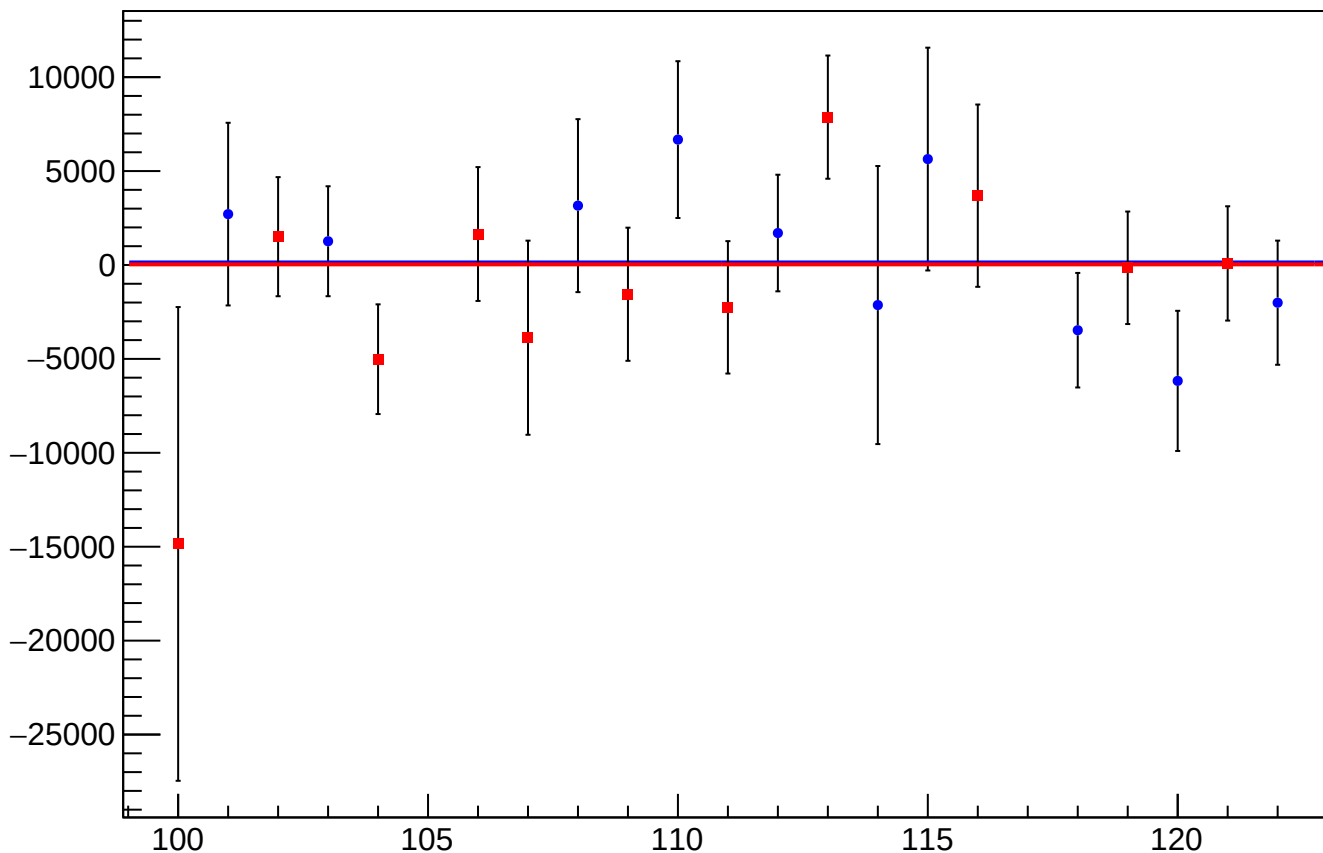
Right: 836.713+/-0.203 χ^2/NDF : 244909.1/20

In: 839.822+/-0.298 χ^2/NDF : 186673.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.713+/-0.203 χ^2/NDF : 244909.1/20

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 133.368+/-1208.242 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.030+/-1081.953 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

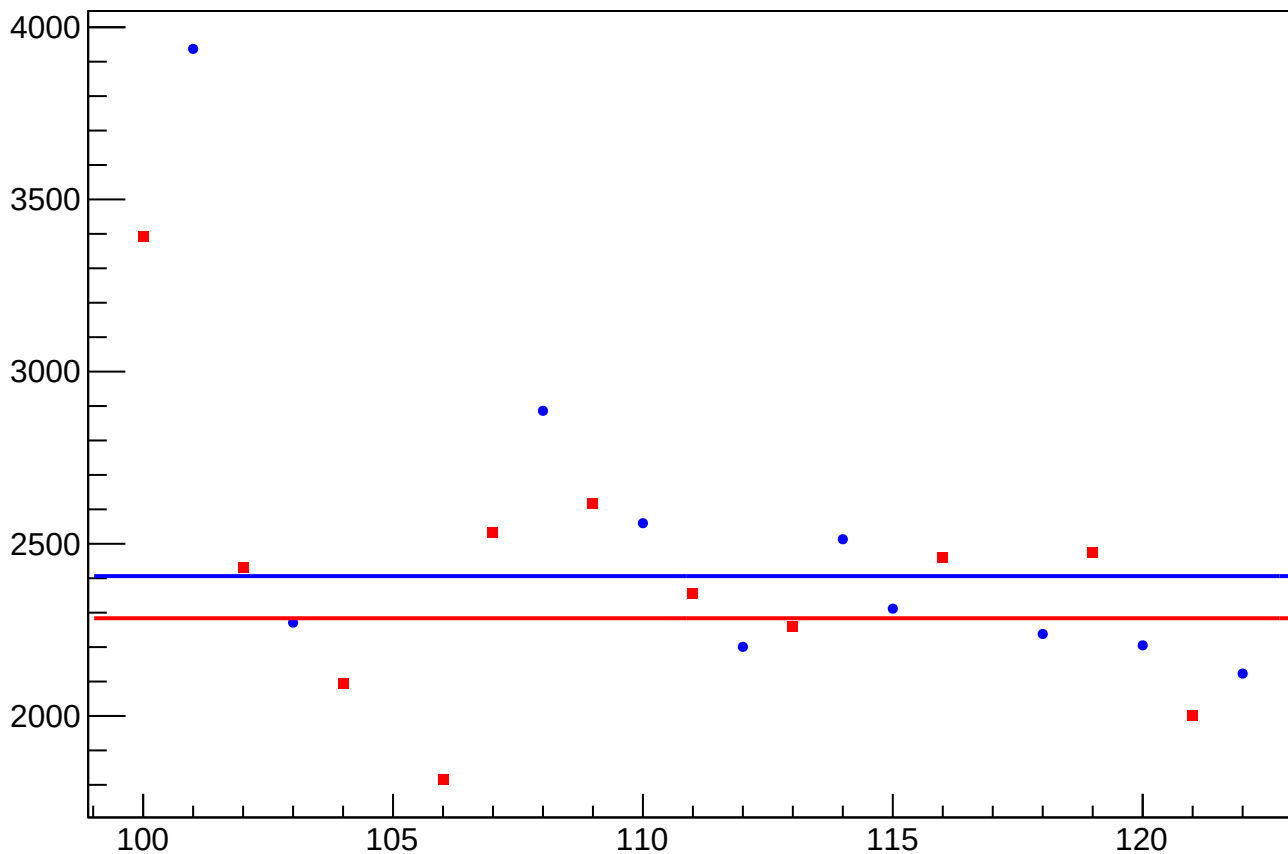
Right: 77.683+/-806.019 χ^2/NDF : 21.5/20

In: 133.368+/-1208.242 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.683+/-806.019 χ^2/NDF : 21.5/20

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.088+/-0.854 χ^2/NDF : 263244.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2283.801+/-0.765 χ^2/NDF : 113894.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

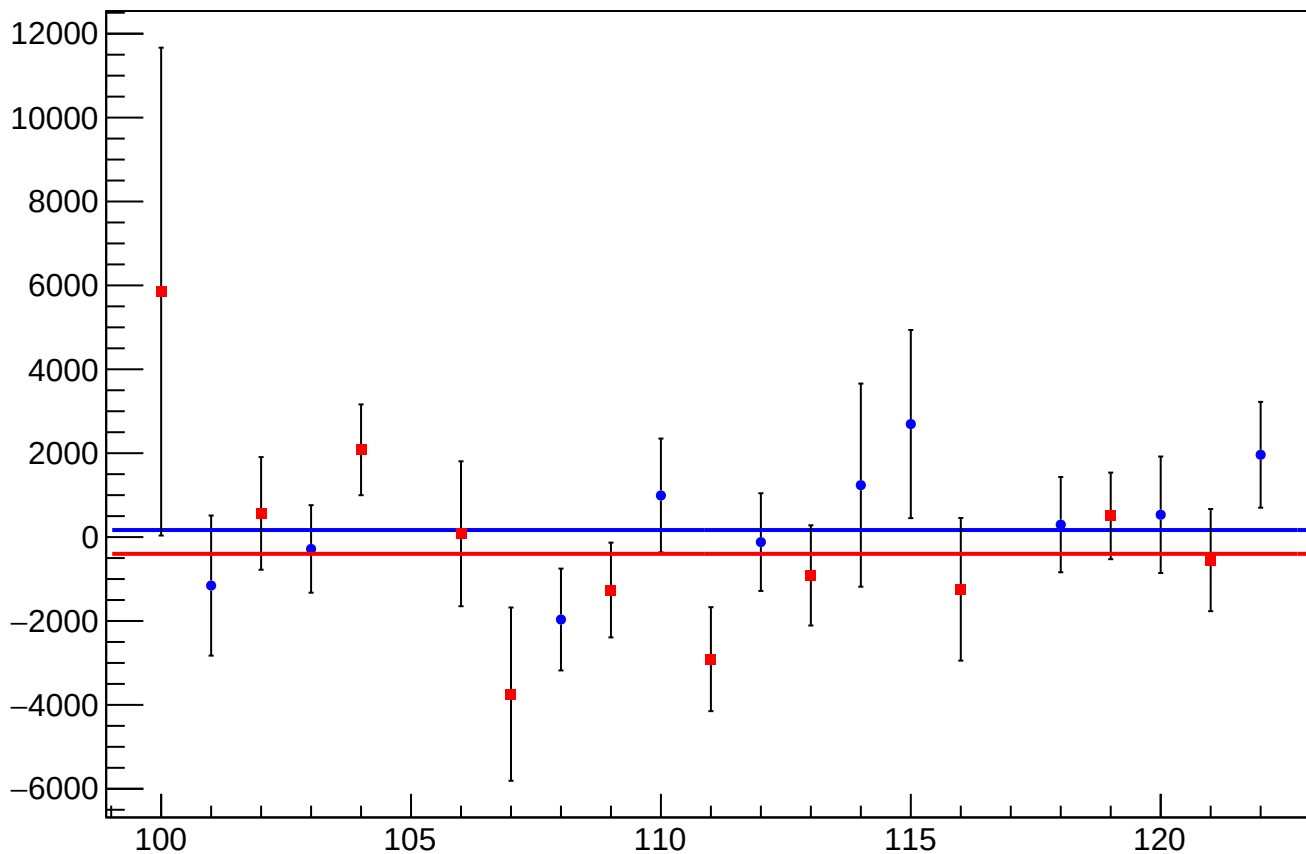
Right: 2338.222+/-0.570 χ^2/NDF : 388509.5/20

In: 2406.088+/-0.854 χ^2/NDF : 263244.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2338.222+/-0.570 χ^2/NDF : 388509.5/20

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 168.132+/-425.188 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -399.468+/-404.792 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

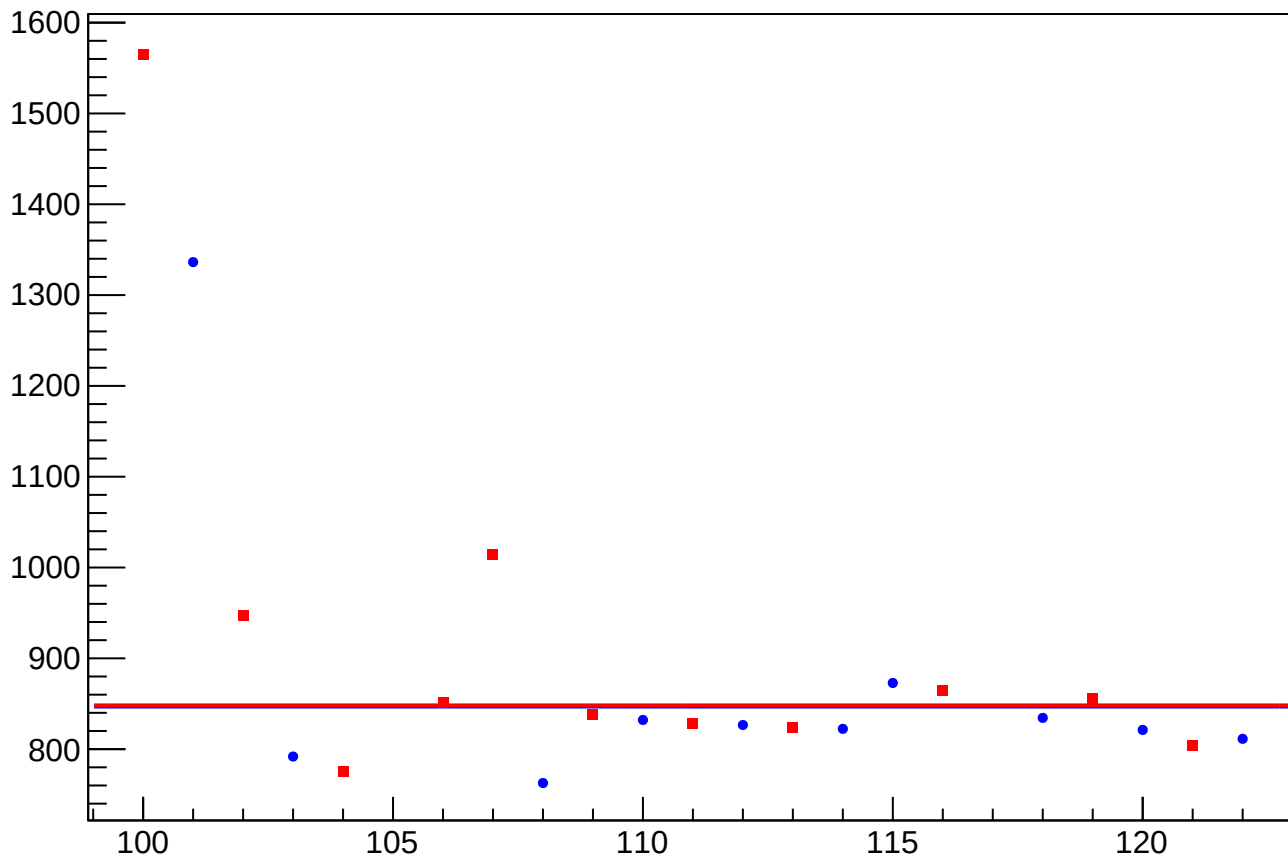
Right: -129.608+/-293.177 χ^2/NDF : 24.4/20

In: 168.132+/-425.188 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.608+/-293.177 χ^2/NDF : 24.4/20

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 846.974+/-0.301 χ^2/NDF : 190811.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.165+/-0.286 χ^2/NDF : 67738.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

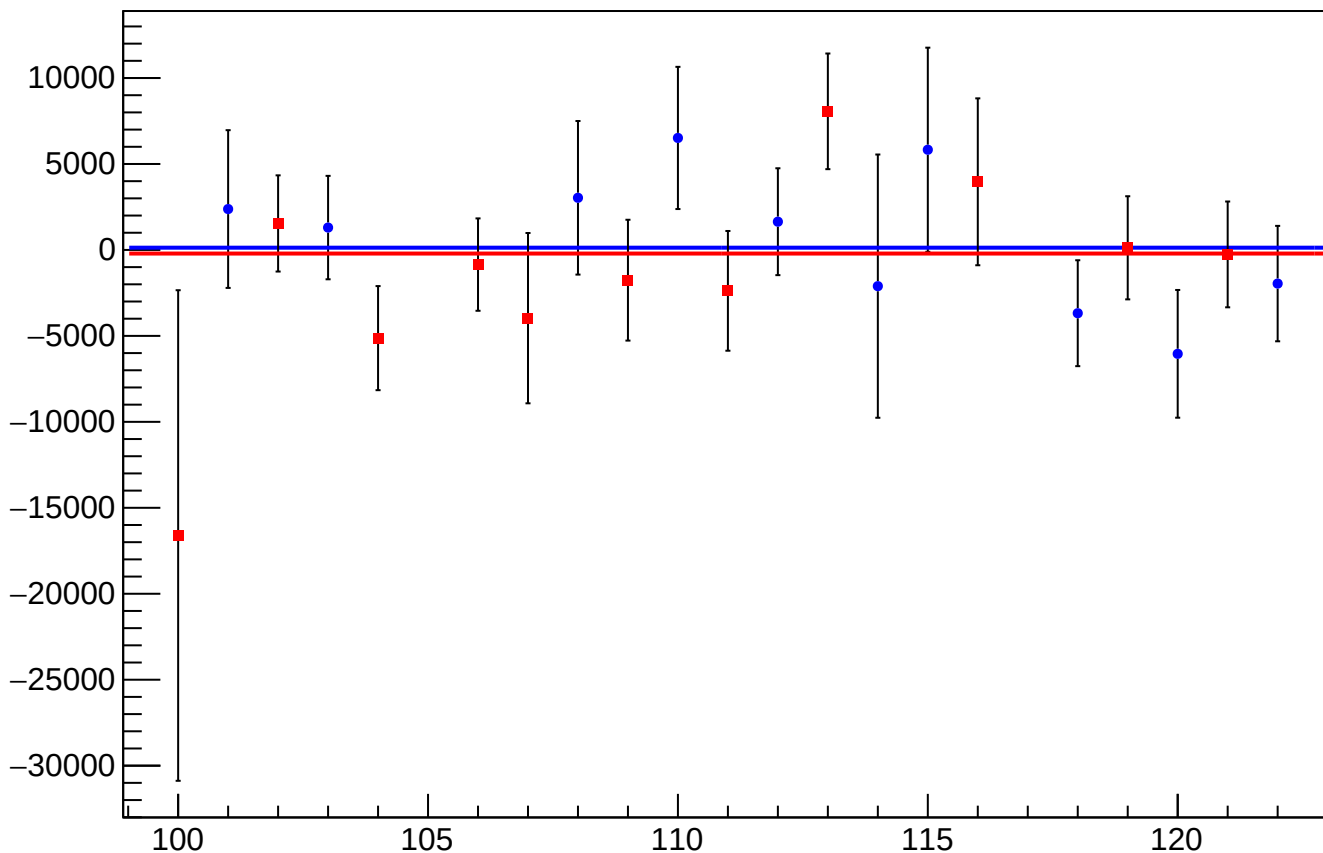
Right: 847.600+/-0.207 χ^2/NDF : 258557.4/20

In: 846.974+/-0.301 χ^2/NDF : 190811.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.600+/-0.207 χ^2/NDF : 258557.4/20

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 131.203+/-1210.822 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -210.186+/-1035.814 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

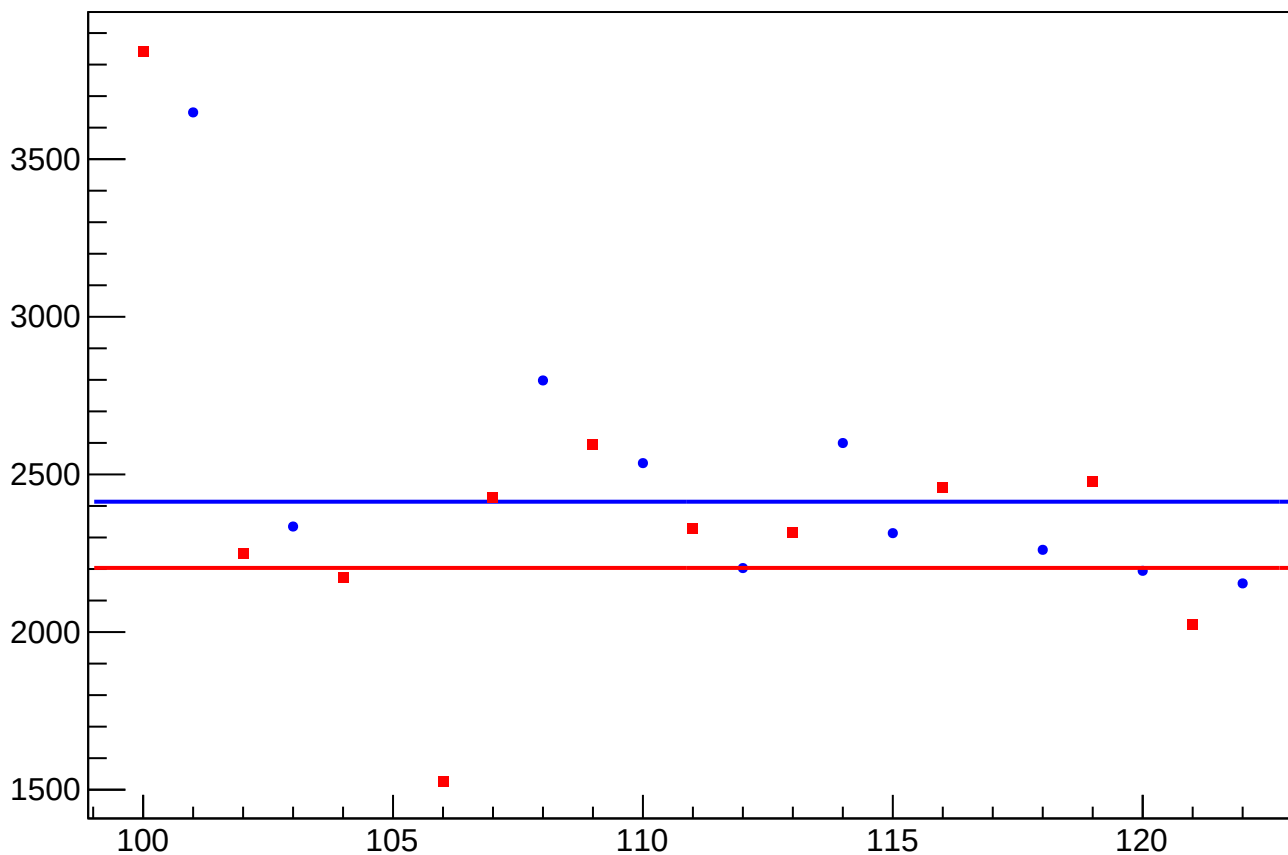
Right: -65.924+/-787.101 χ^2/NDF : 21.5/20

In: 131.203+/-1210.822 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -65.924+/-787.101 χ^2/NDF : 21.5/20

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2413.508+/-0.856 χ^2/NDF : 197524.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.472+/-0.732 χ^2/NDF : 216264.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

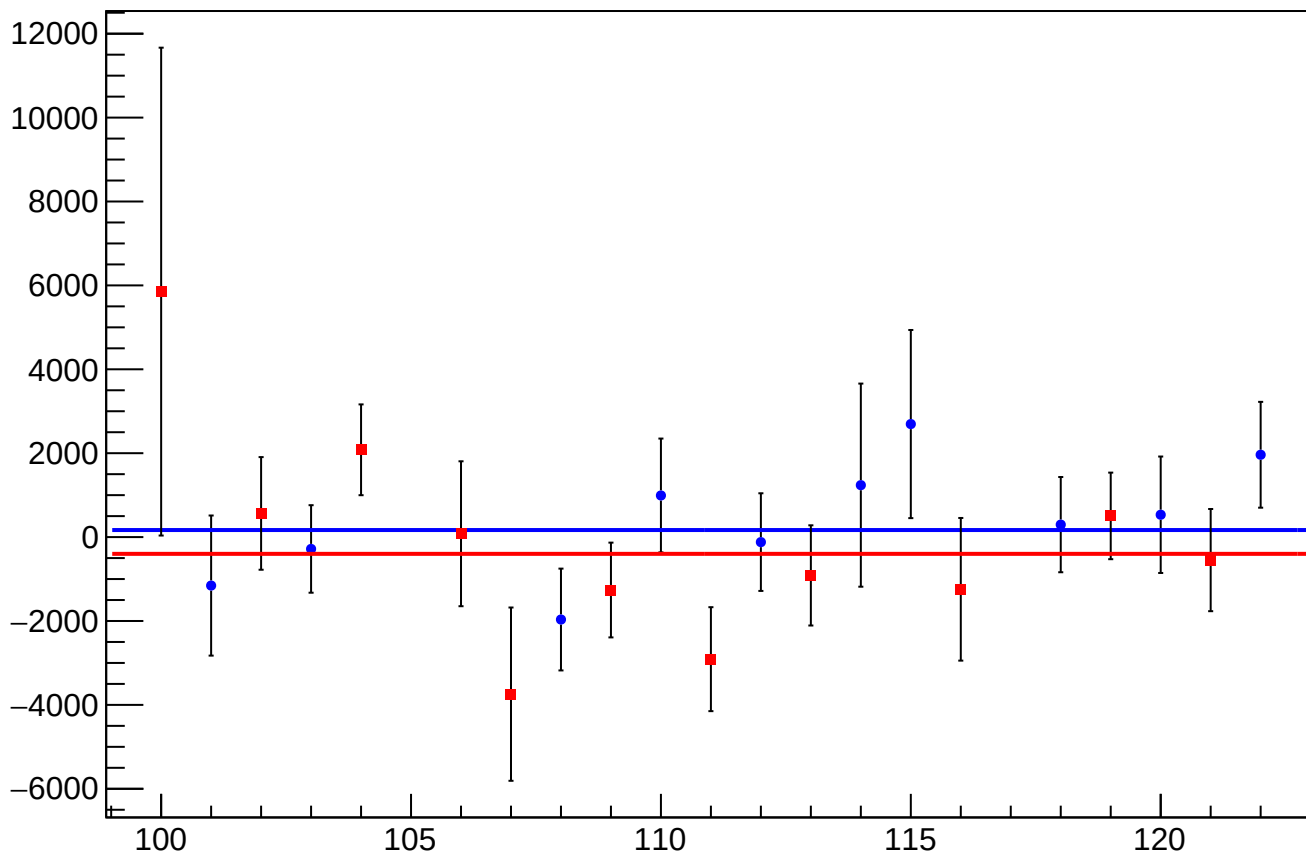
Right: 2292.228+/-0.557 χ^2/NDF : 448539.8/20

In: 2413.508+/-0.856 χ^2/NDF : 197524.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2292.228+/-0.557 χ^2/NDF : 448539.8/20

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 168.132+/-425.188 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -399.477+/-404.792 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

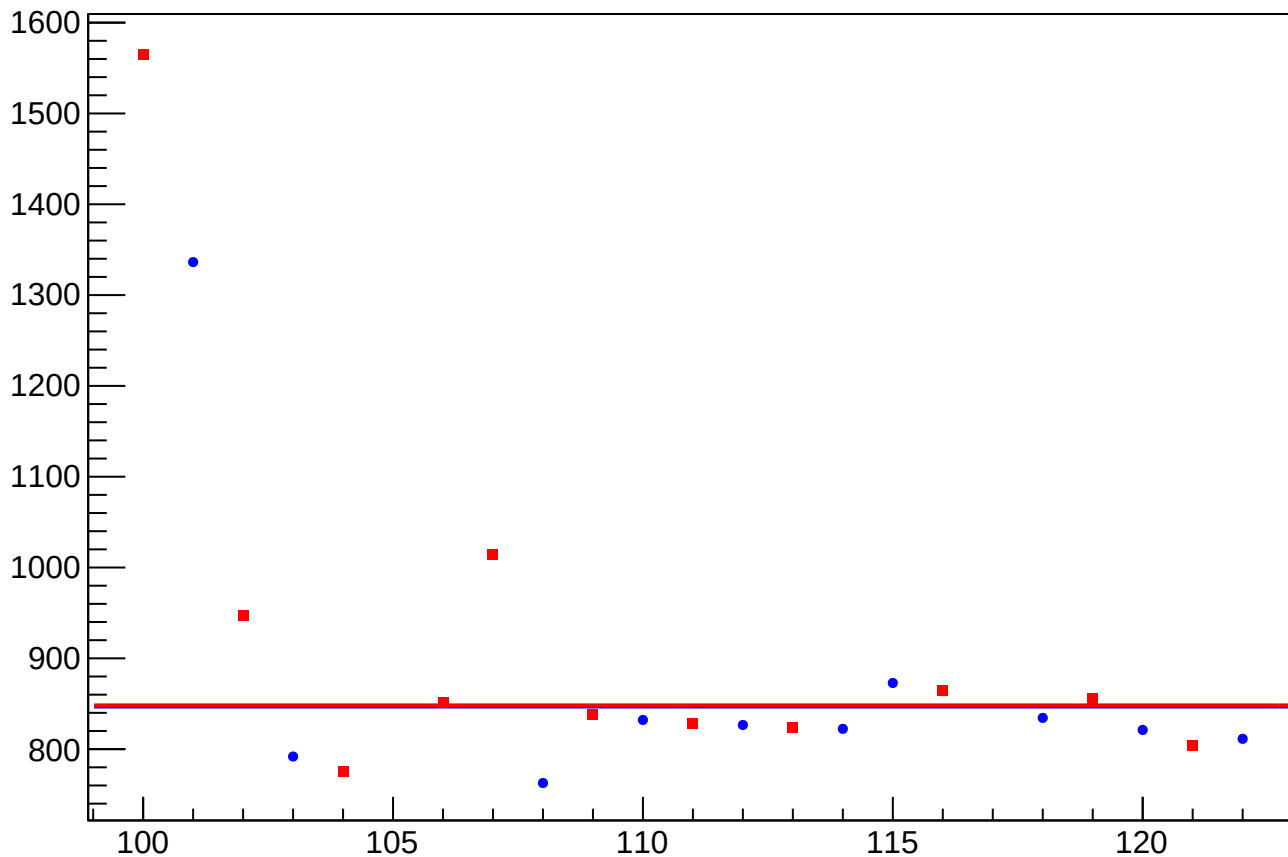
Right: -129.612+/-293.177 χ^2/NDF : 24.4/20

In: 168.132+/-425.188 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.612+/-293.177 χ^2/NDF : 24.4/20

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 846.974+/-0.301 χ^2/NDF : 190810.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.165+/-0.286 χ^2/NDF : 67737.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

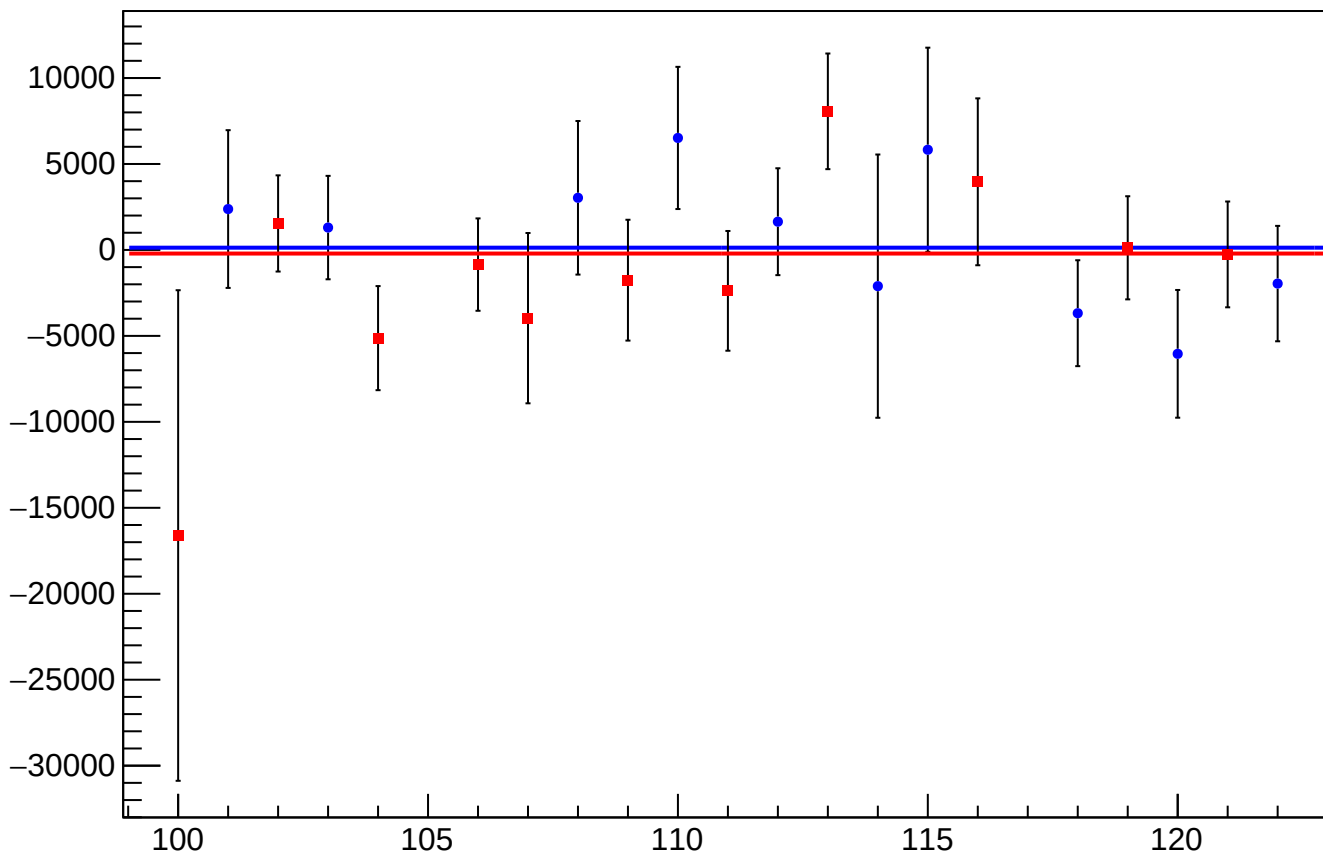
Right: 847.600+/-0.207 χ^2/NDF : 258556.8/20

In: 846.974+/-0.301 χ^2/NDF : 190810.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.600+/-0.207 χ^2/NDF : 258556.8/20

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 131.198+/-1210.817 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -210.184+/-1035.811 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

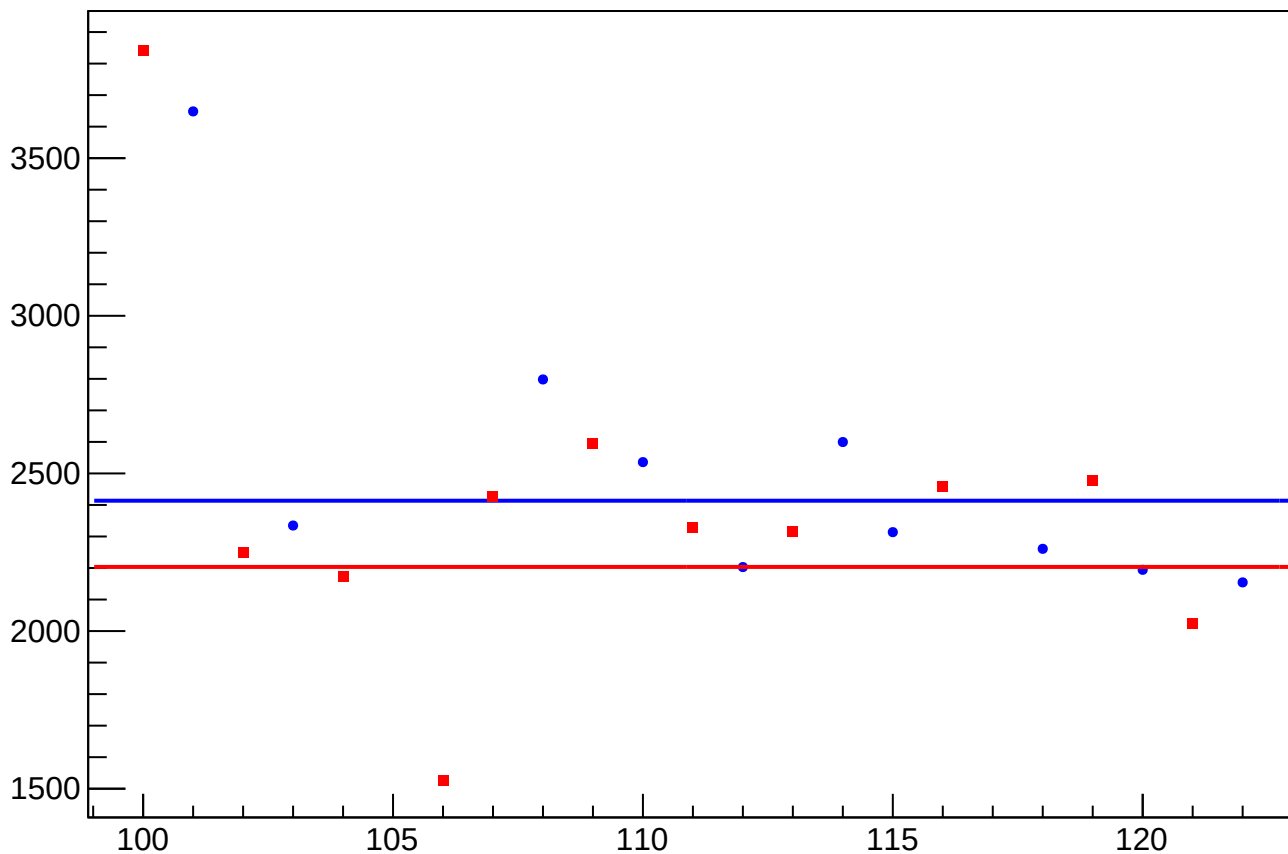
Right: -65.926+/-787.099 χ^2/NDF : 21.5/20

In: 131.198+/-1210.817 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -65.926+/-787.099 χ^2/NDF : 21.5/20

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2413.499+/-0.856 χ^2/NDF : 197526.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.466+/-0.732 χ^2/NDF : 216265.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

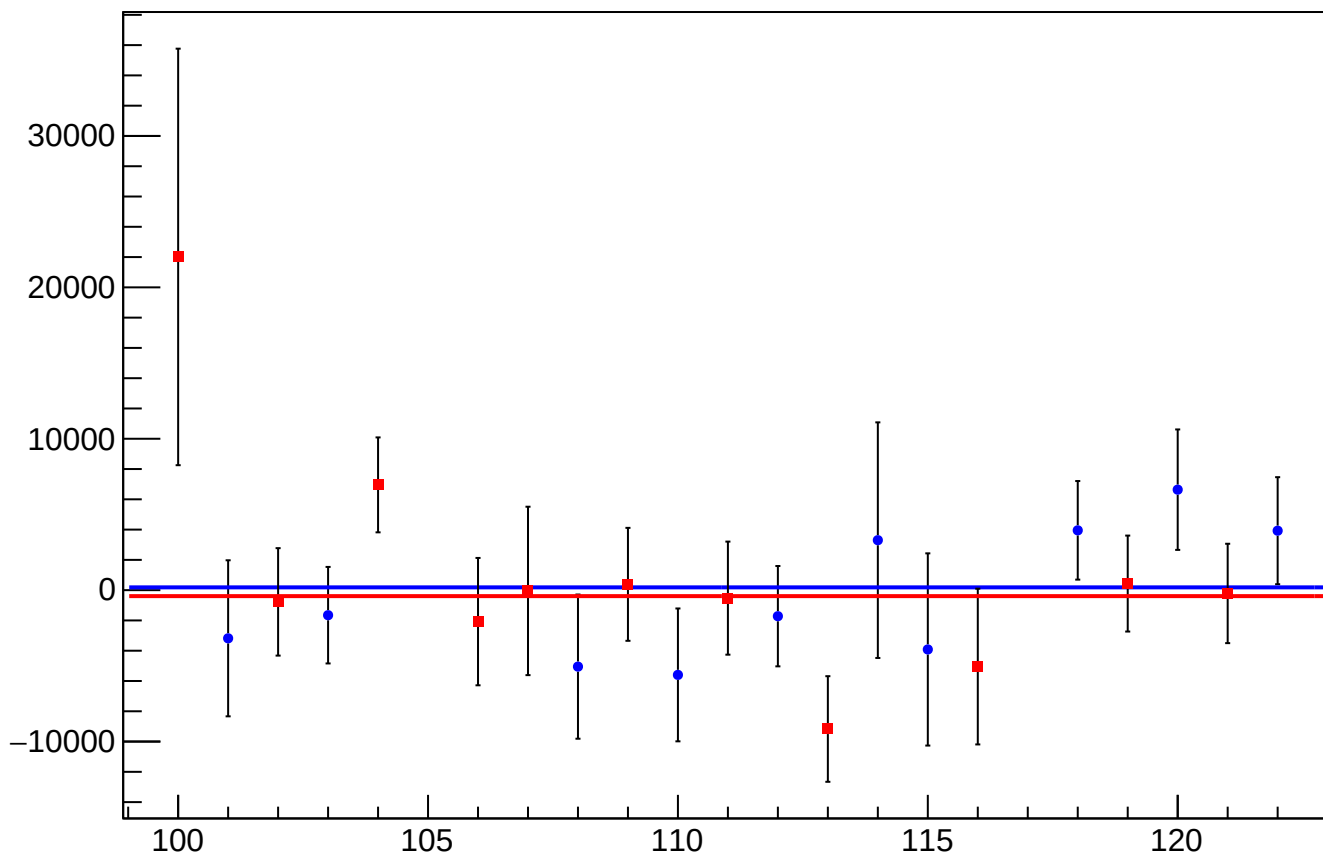
Right: 2292.220+/-0.557 χ^2/NDF : 448542.0/20

In: 2413.499+/-0.856 χ^2/NDF : 197526.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2292.220+/-0.557 χ^2/NDF : 448542.0/20

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 184.580+/-1288.842 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.363+/-1169.363 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

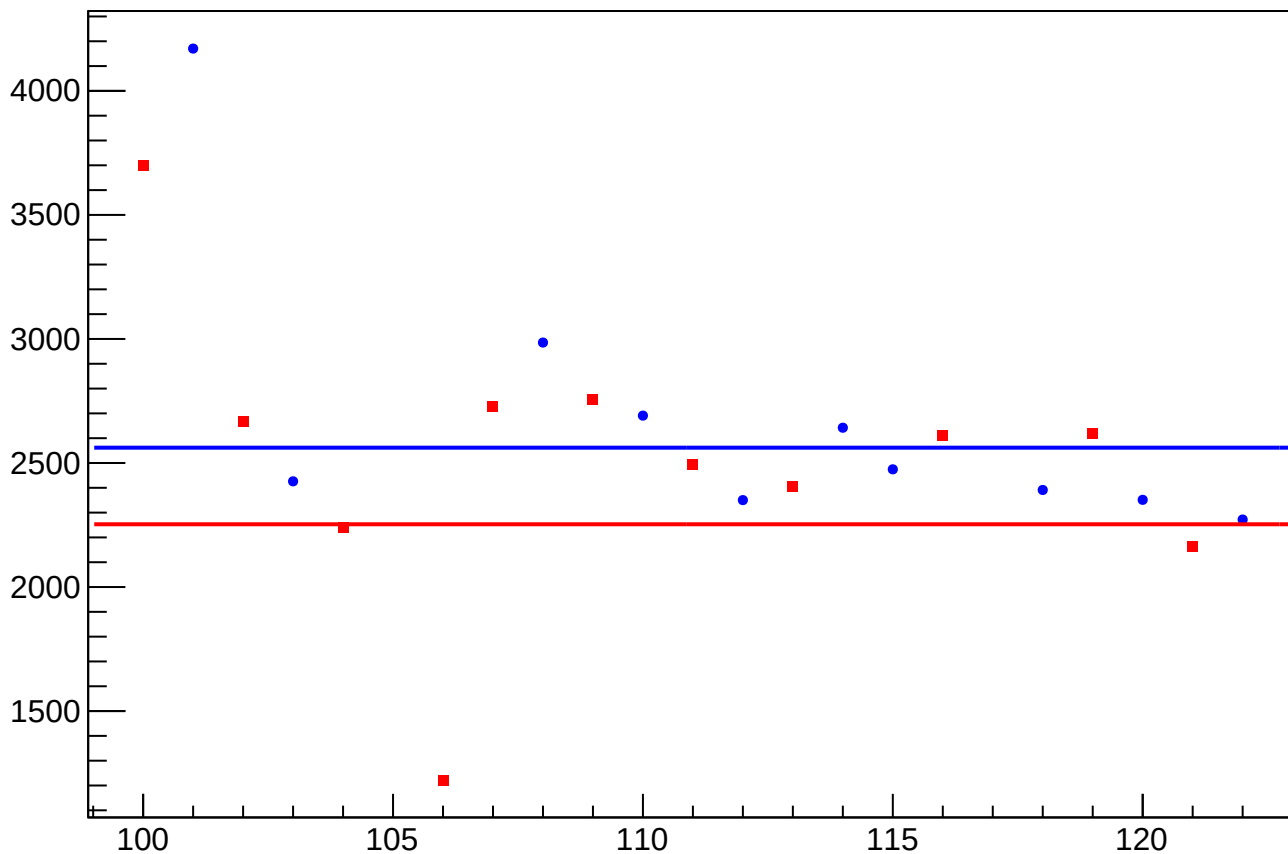
Right: -132.964+/-866.031 χ^2/NDF : 25.4/20

In: 184.580+/-1288.842 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.964+/-866.031 χ^2/NDF : 25.4/20

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2561.759+/-0.911 χ^2/NDF : 249289.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.027+/-0.775 χ^2/NDF : 485355.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

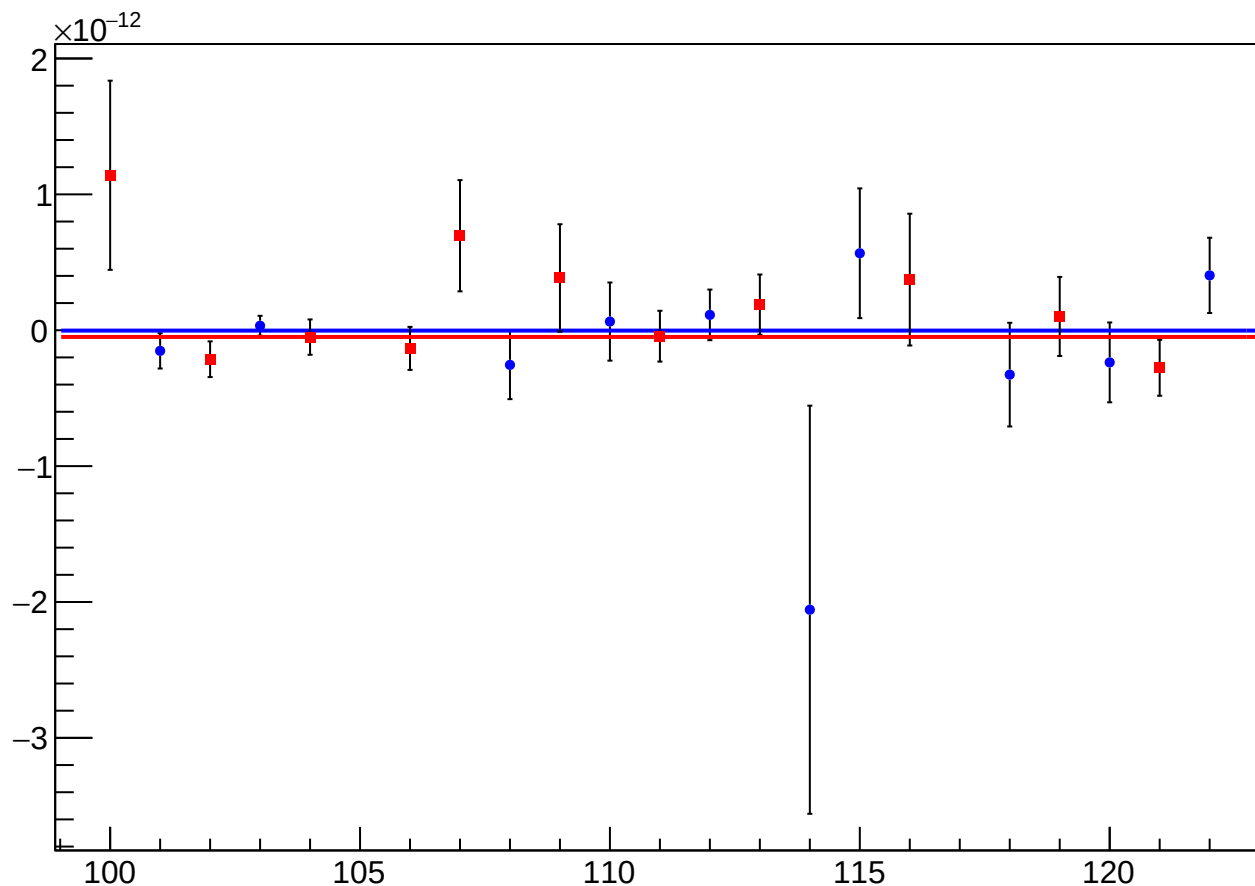
Right: 2382.657+/-0.591 χ^2/NDF : 801220.2/20

In: 2561.759+/-0.911 χ^2/NDF : 249289.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.657+/-0.591 χ^2/NDF : 801220.2/20

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.8/9

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

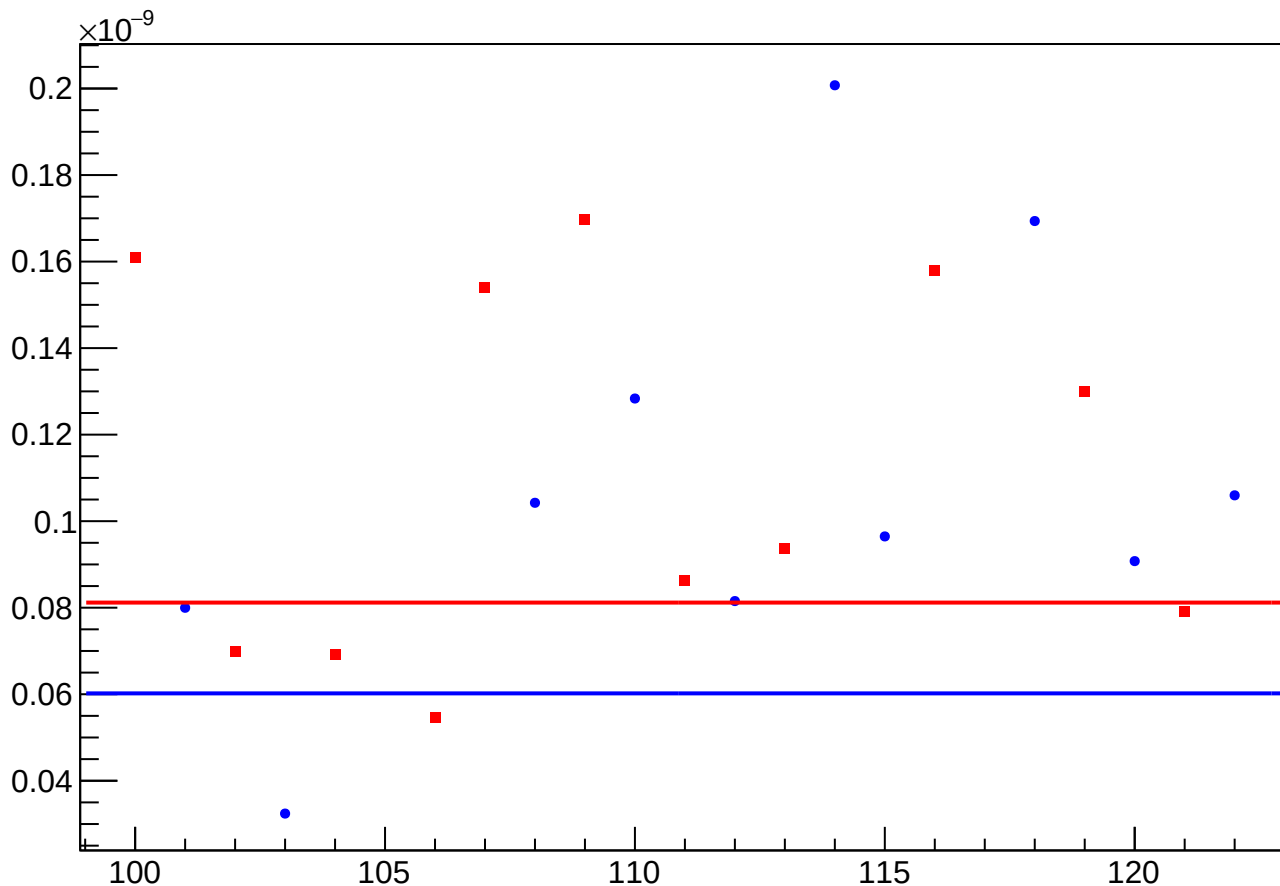
Right: -0.000+/-0.000 χ^2 /NDF: 22.8/20

In: -0.000+/-0.000 χ^2 /NDF:9.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.8/20

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 805496.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 392660.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

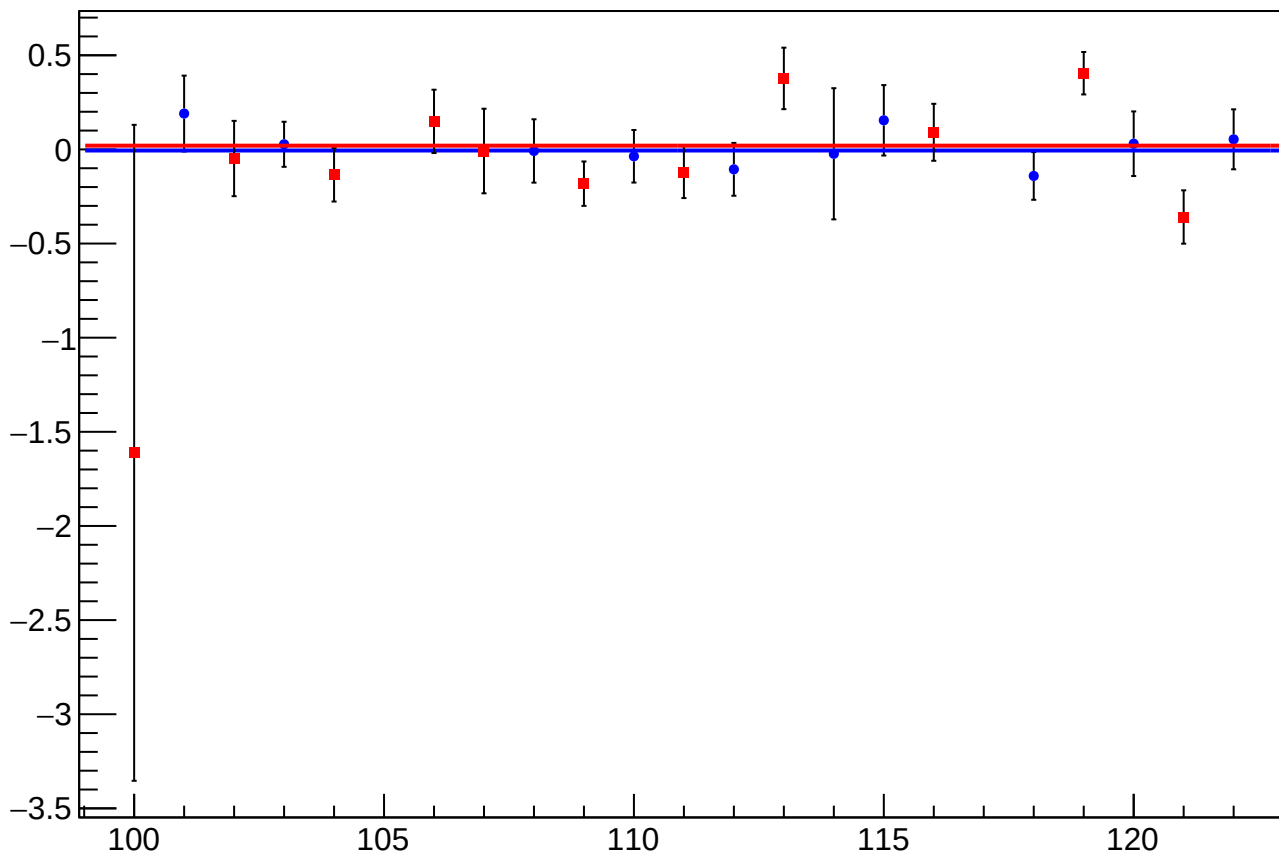
Right: 0.000+/-0.000 χ^2/NDF : 1327990.4/20

In: 0.000+/-0.000 χ^2/NDF : 805496.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1327990.4/20

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.050 χ^2/NDF : 3.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.020 ± 0.046 χ^2/NDF : 30.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

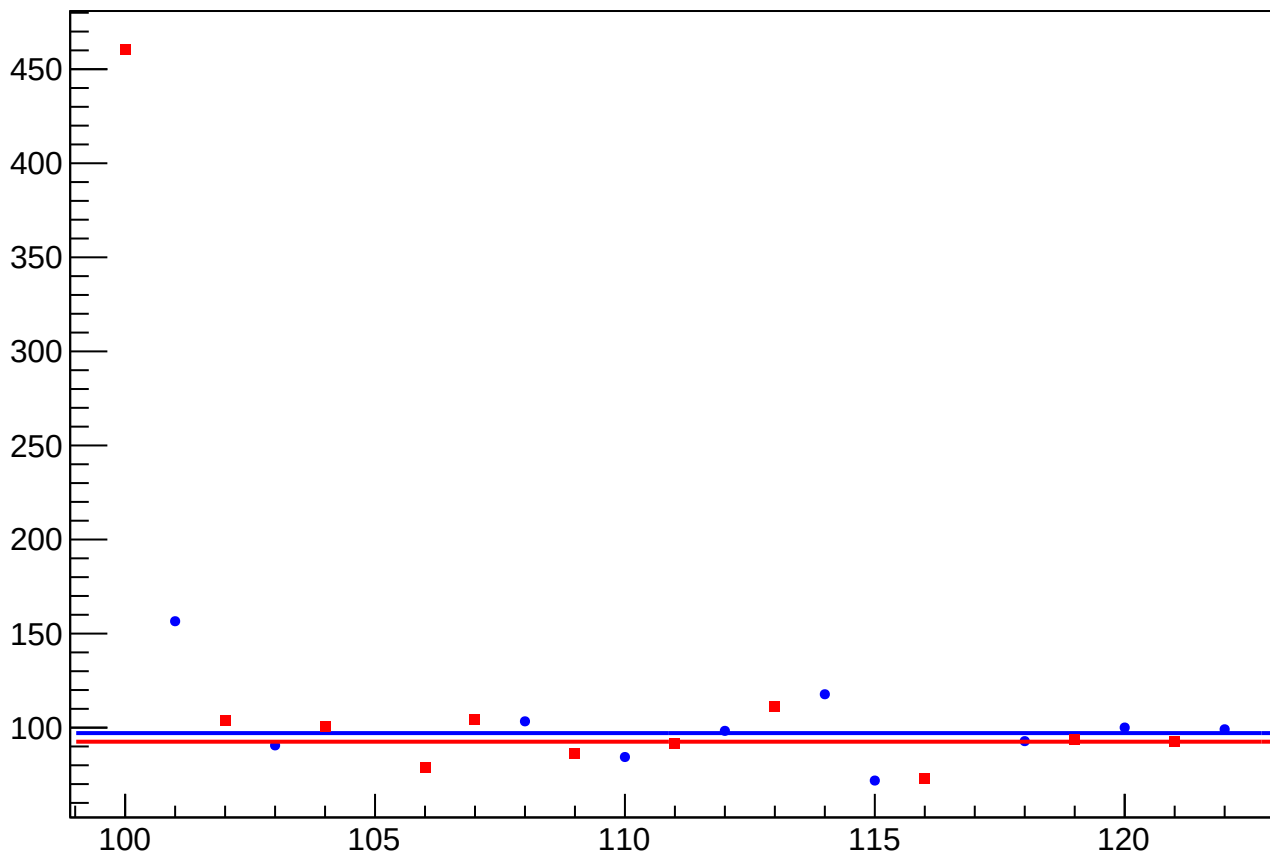
Right: 0.008 ± 0.034 χ^2/NDF : 34.3/20

In: -0.006 ± 0.050 χ^2/NDF : 3.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.034 χ^2/NDF : 34.3/20

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.105+/-0.035 χ^2/NDF : 246115.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.535+/-0.033 χ^2/NDF : 184738.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

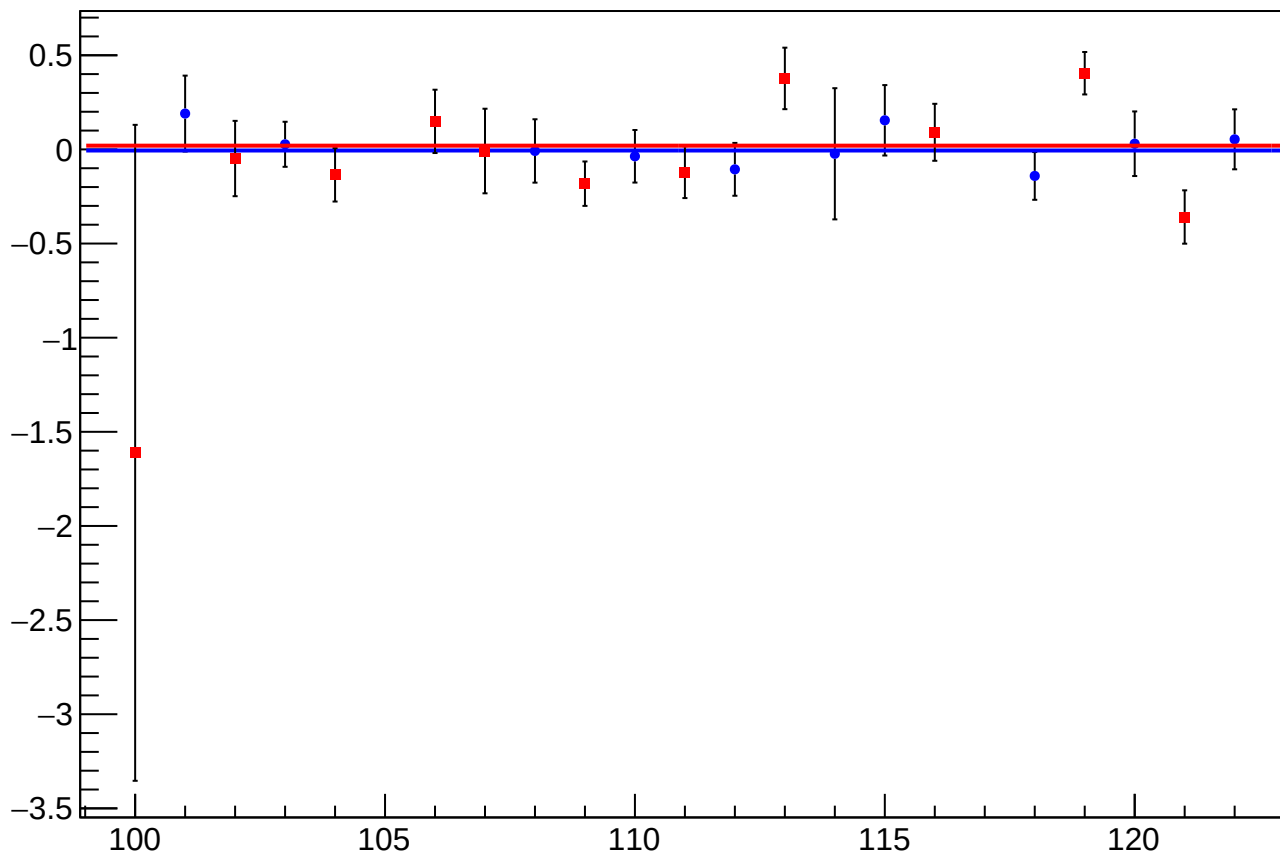
Right: 94.662+/-0.024 χ^2/NDF : 439885.5/20

In: 97.105+/-0.035 χ^2/NDF : 246115.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.662+/-0.024 χ^2/NDF : 439885.5/20

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.050 χ^2/NDF : 3.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.020 ± 0.046 χ^2/NDF : 30.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

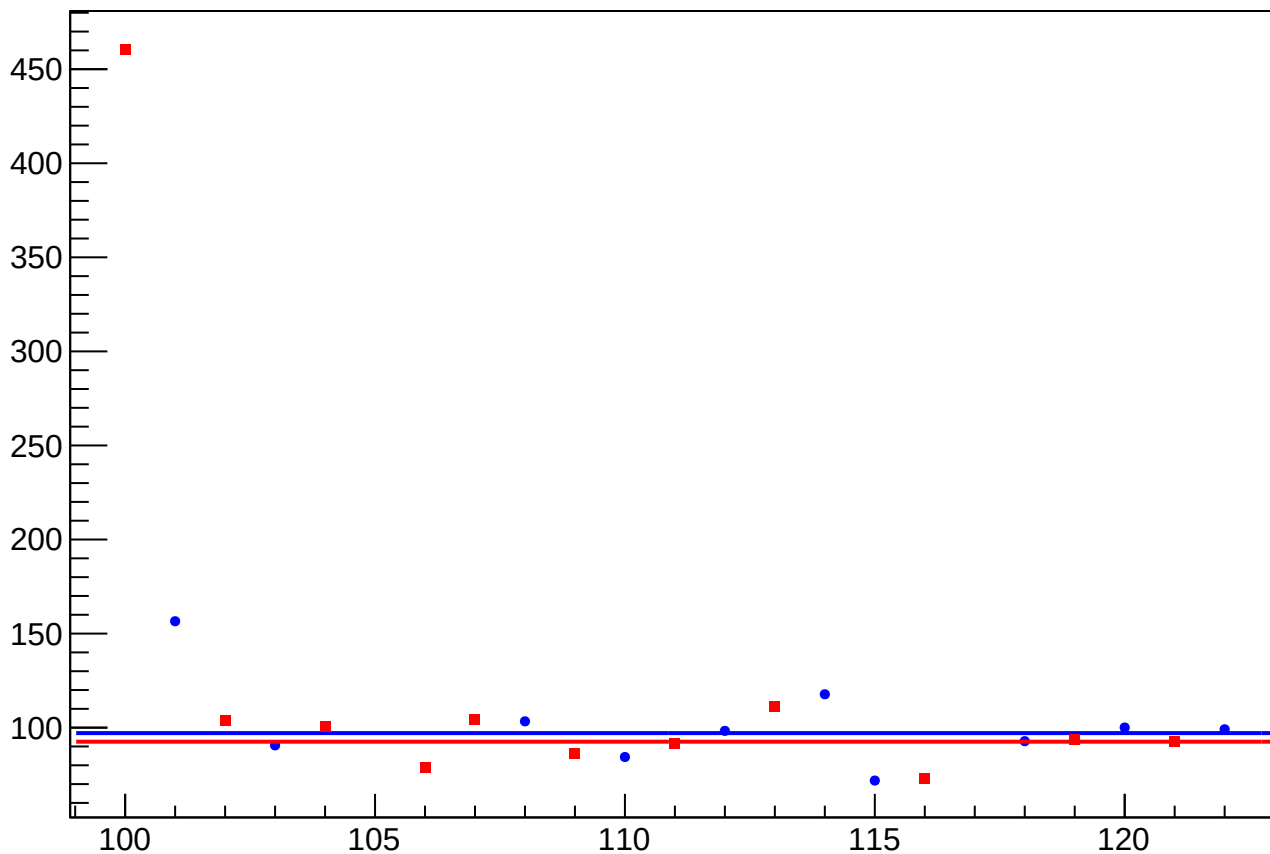
Right: 0.008 ± 0.034 χ^2/NDF : 34.3/20

In: -0.006 ± 0.050 χ^2/NDF : 3.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.034 χ^2/NDF : 34.3/20

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.105 $\pm$ 0.035 χ^2 /NDF: 246115.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.535 $\pm$ 0.033 χ^2 /NDF: 184738.6/10

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

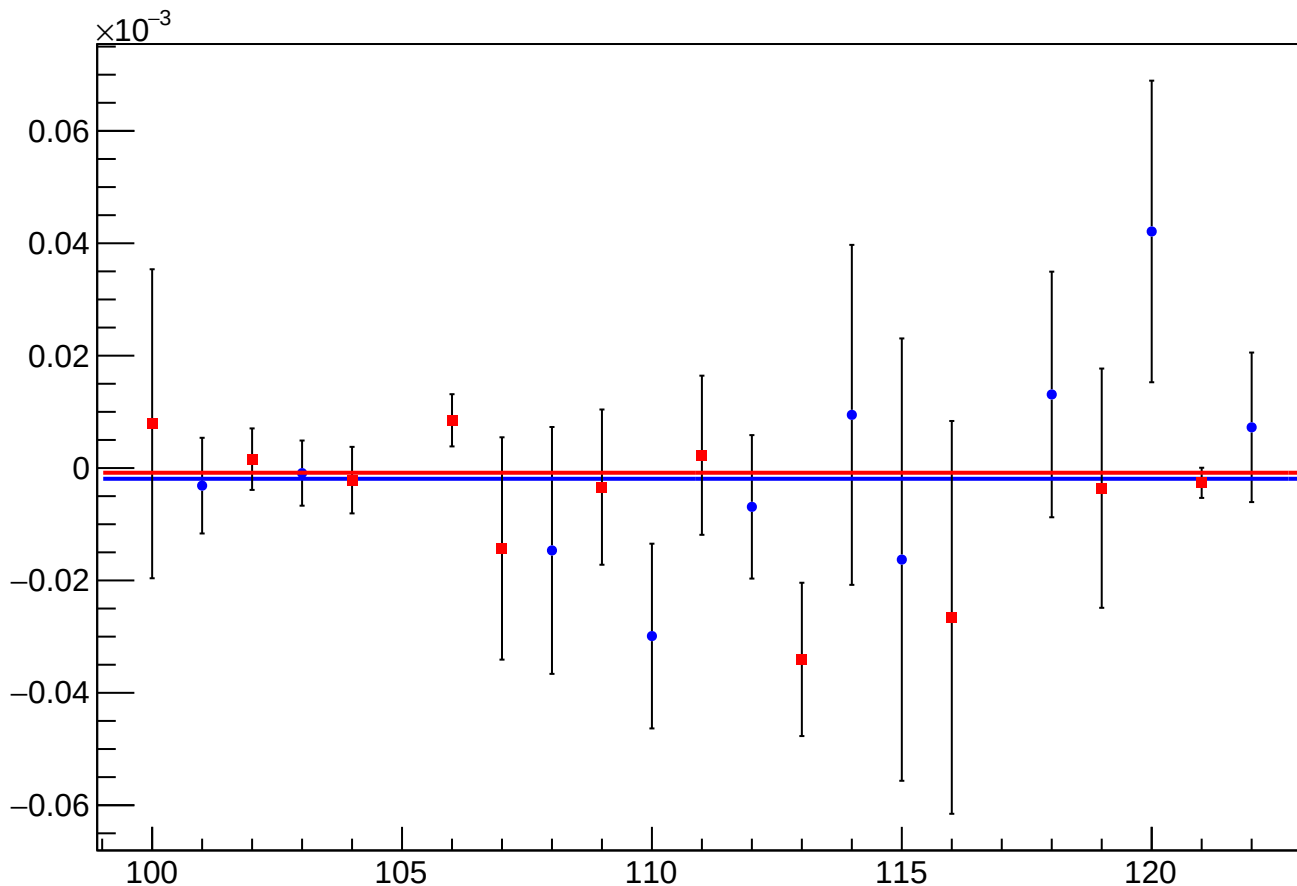
Right: 94.662 $\pm$ 0.024 χ^2 /NDF: 439885.5/20

In: 97.105 $\pm$ 0.035 χ^2 /NDF:246115.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.662 $\pm$ 0.024 χ^2 /NDF: 439885.5/20

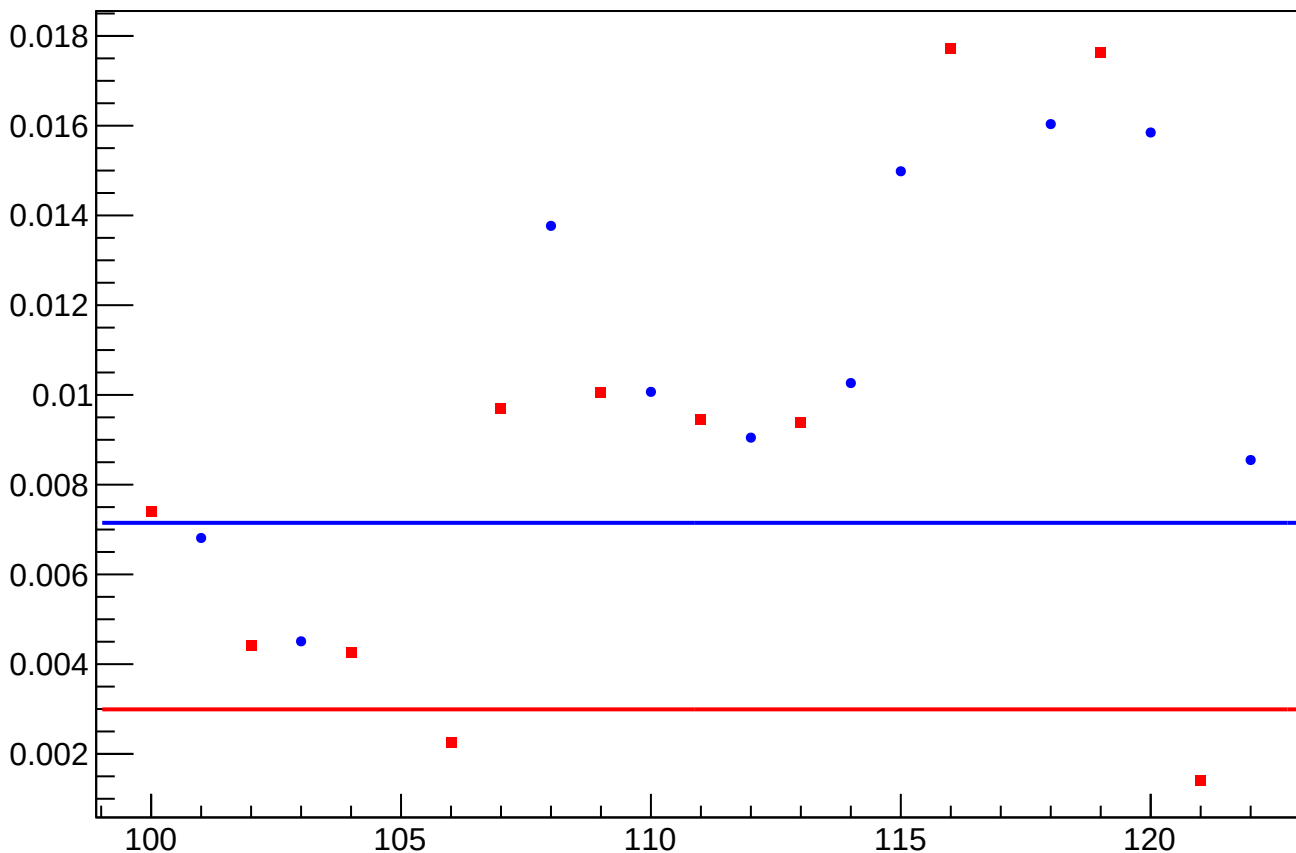
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.4/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.000 ± 0.000 $\chi^2/\text{NDF}: 11.9/10$
 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: -0.000 ± 0.000 $\chi^2/\text{NDF}: 19.3/20$
 In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 7.4/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 19.3/20$

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1370391.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3935188.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

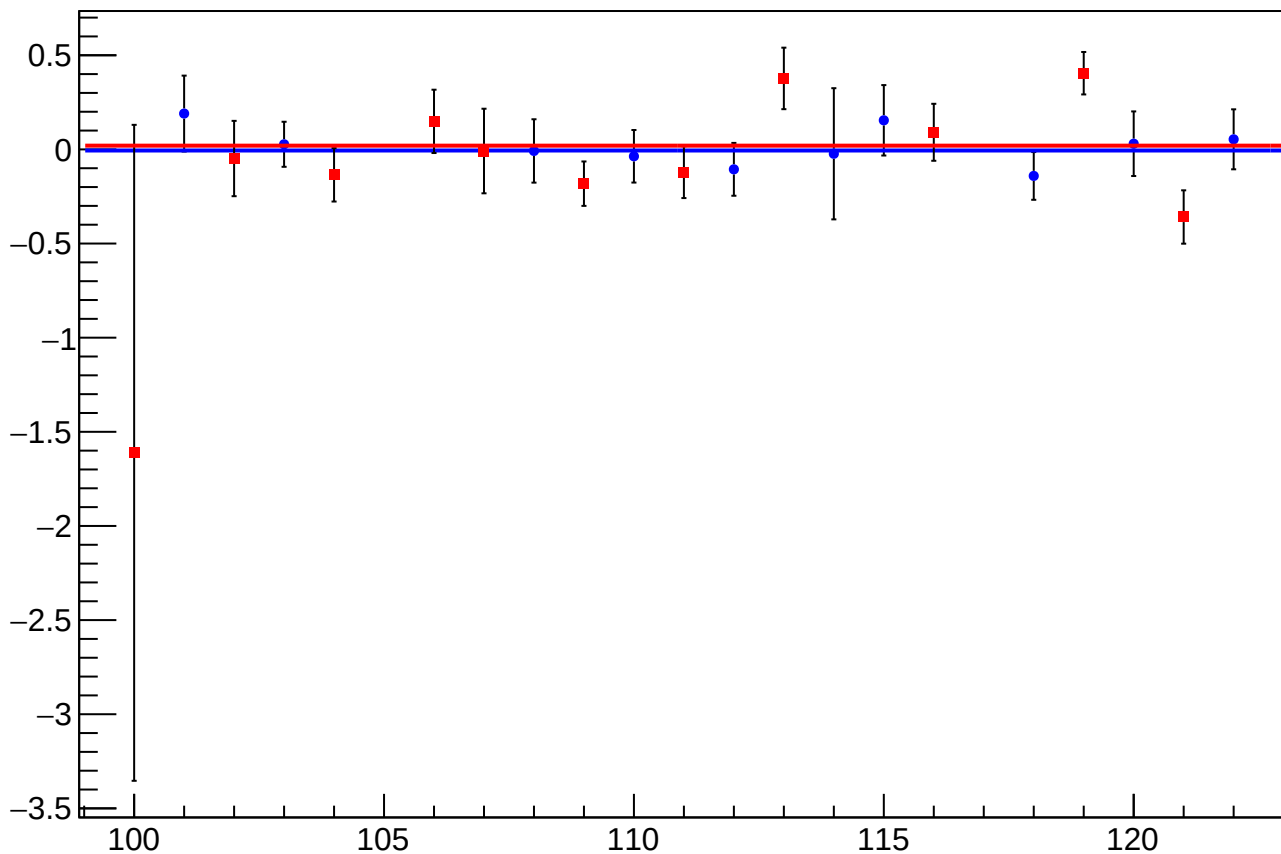
Right: 0.004+/-0.000 χ^2/NDF : 7145383.0/20

In: 0.007+/-0.000 χ^2/NDF :1370391.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7145383.0/20

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.050 χ^2/NDF : 3.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.020 ± 0.046 χ^2/NDF : 30.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

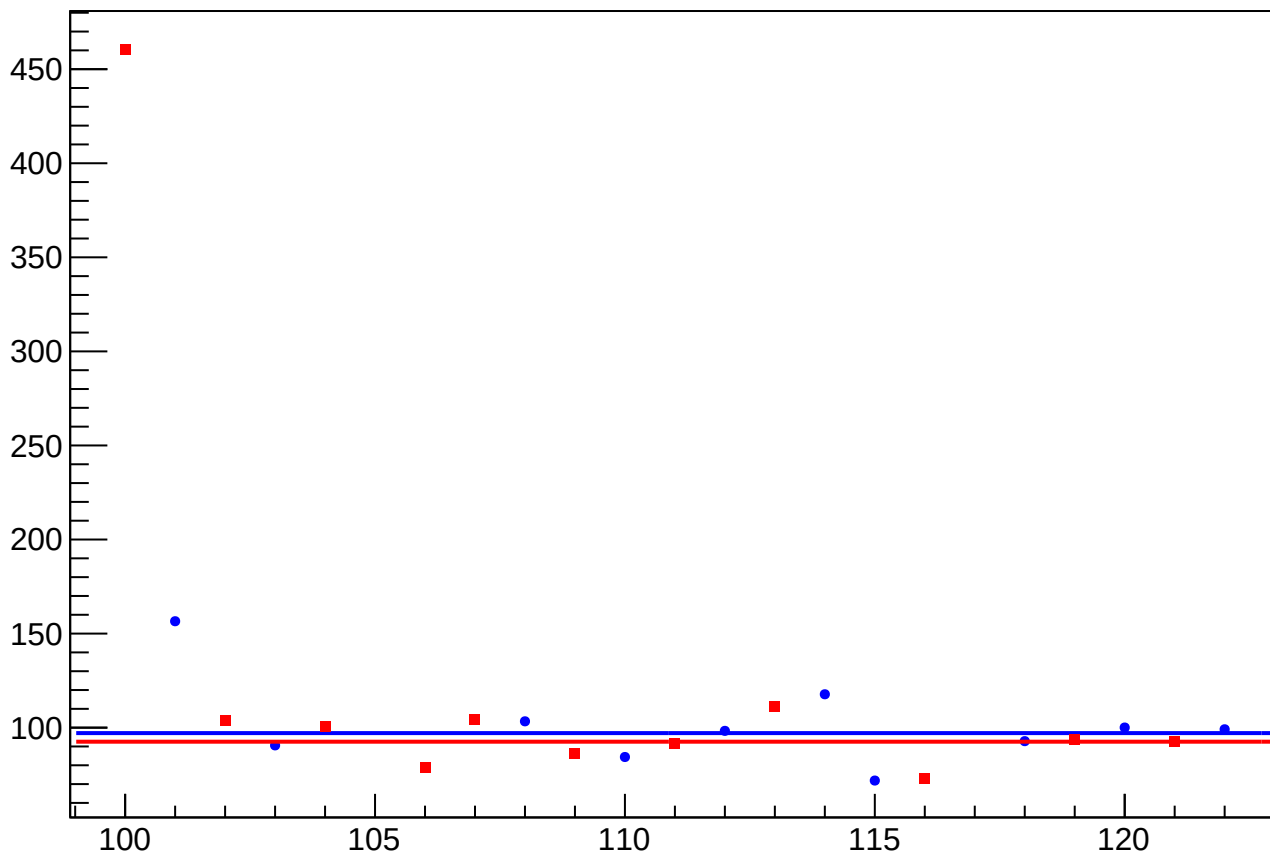
Right: 0.008 ± 0.034 χ^2/NDF : 34.3/20

In: -0.006 ± 0.050 χ^2/NDF : 3.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.034 χ^2/NDF : 34.3/20

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.107+/-0.035 χ^2/NDF : 246090.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.537+/-0.033 χ^2/NDF : 184692.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

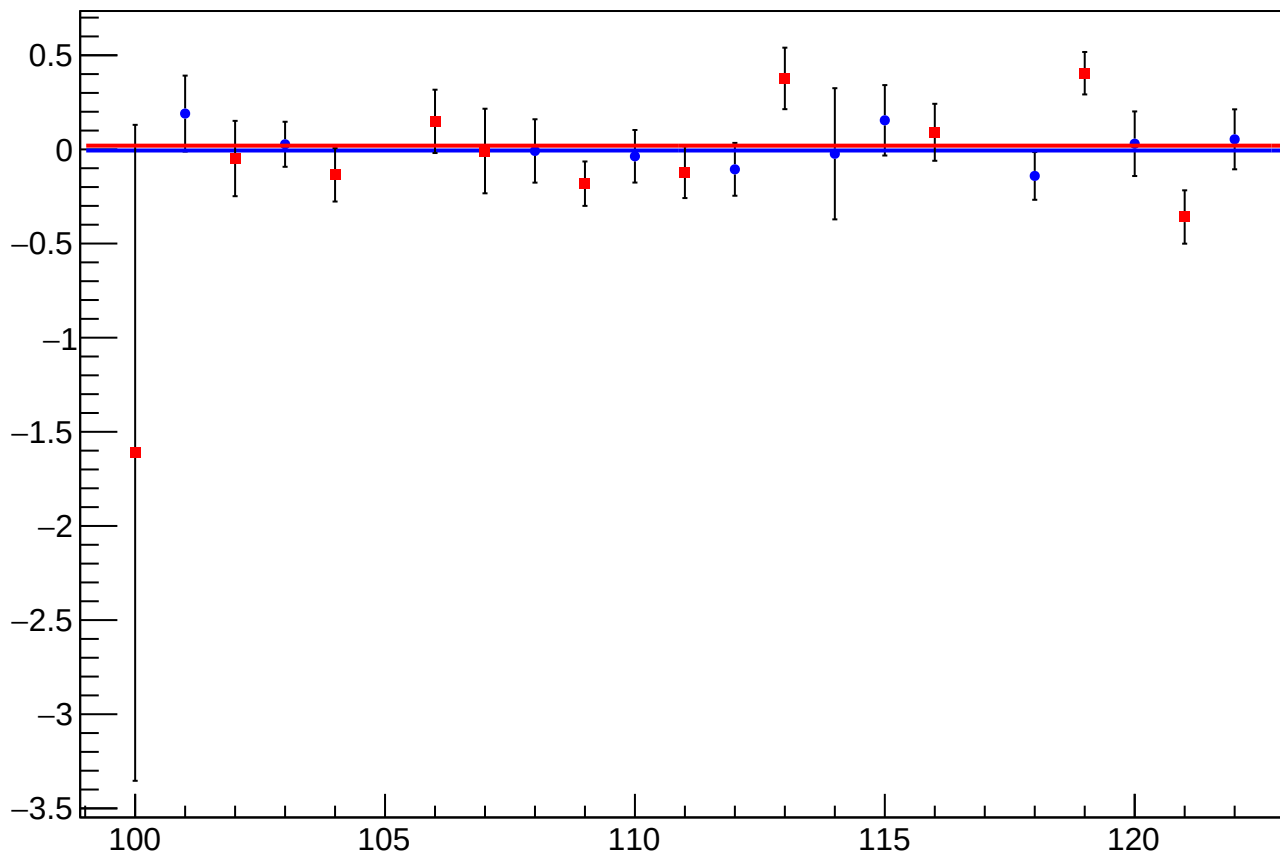
Right: 94.664+/-0.024 χ^2/NDF : 439812.3/20

In: 97.107+/-0.035 χ^2/NDF : 246090.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.664+/-0.024 χ^2/NDF : 439812.3/20

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.050 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.046 χ^2/NDF : 30.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

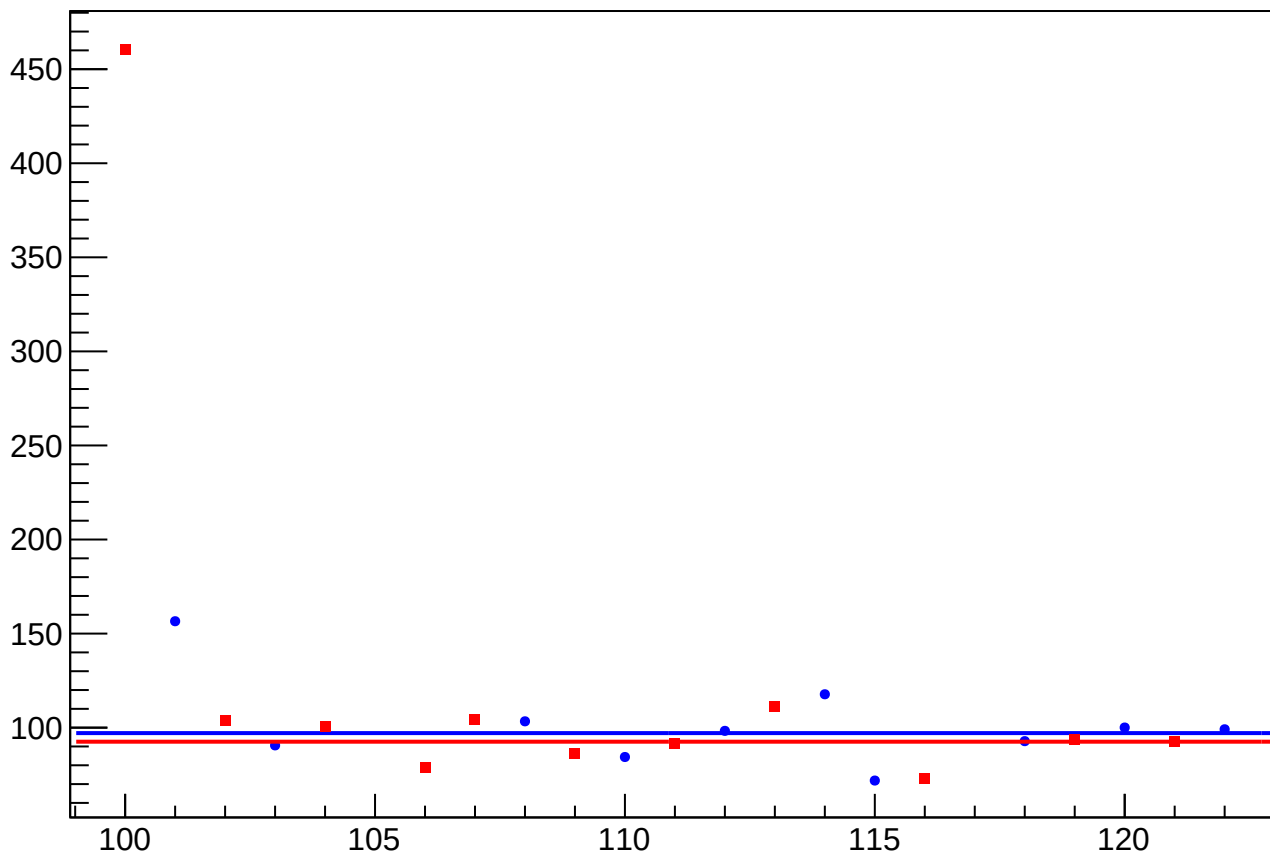
Right: 0.008+/-0.034 χ^2/NDF : 34.3/20

In: -0.006+/-0.050 χ^2/NDF :3.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.034 χ^2/NDF : 34.3/20

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.107+/-0.035 χ^2/NDF : 246090.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.537+/-0.033 χ^2/NDF : 184692.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

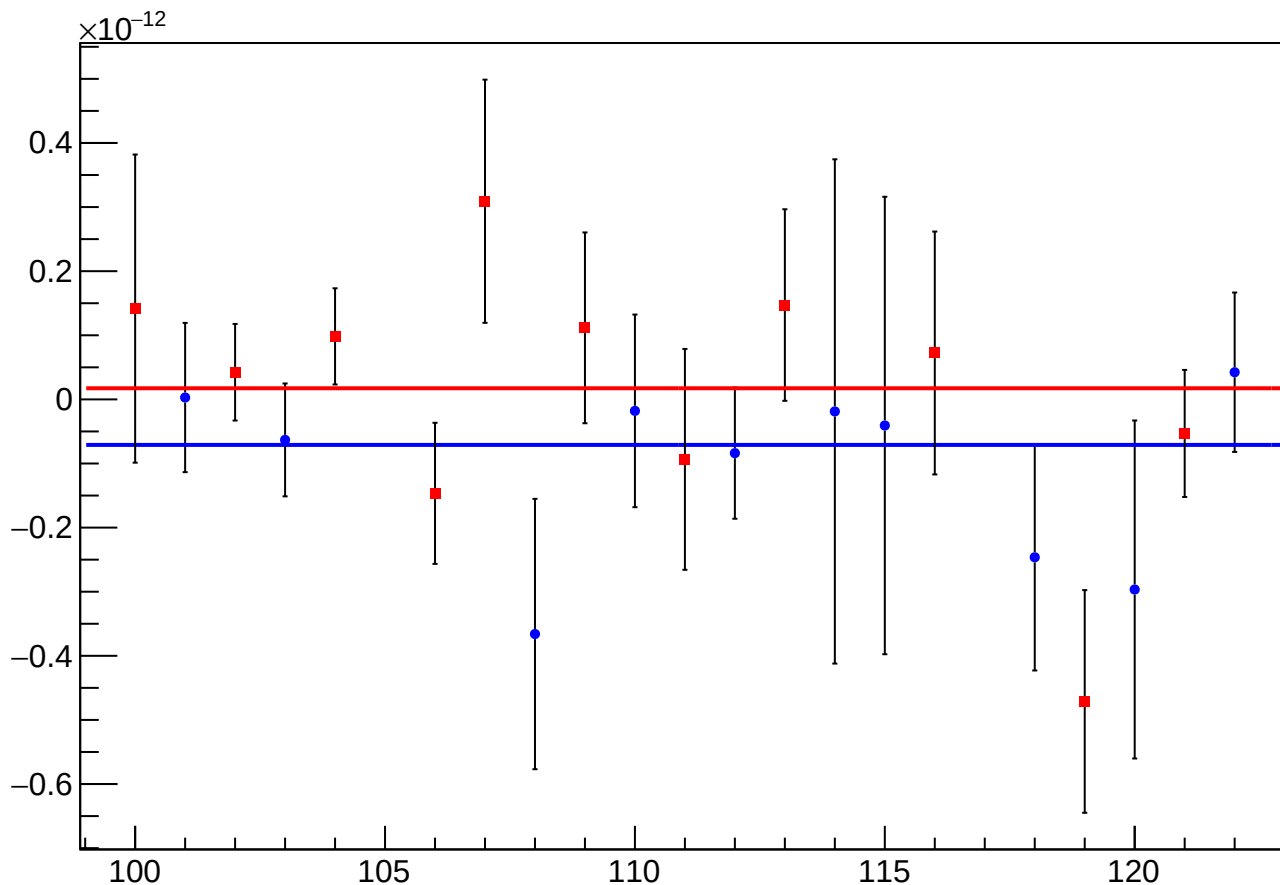
Right: 94.664+/-0.024 χ^2/NDF : 439812.3/20

In: 97.107+/-0.035 χ^2/NDF : 246090.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.664+/-0.024 χ^2/NDF : 439812.3/20

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.1/9

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

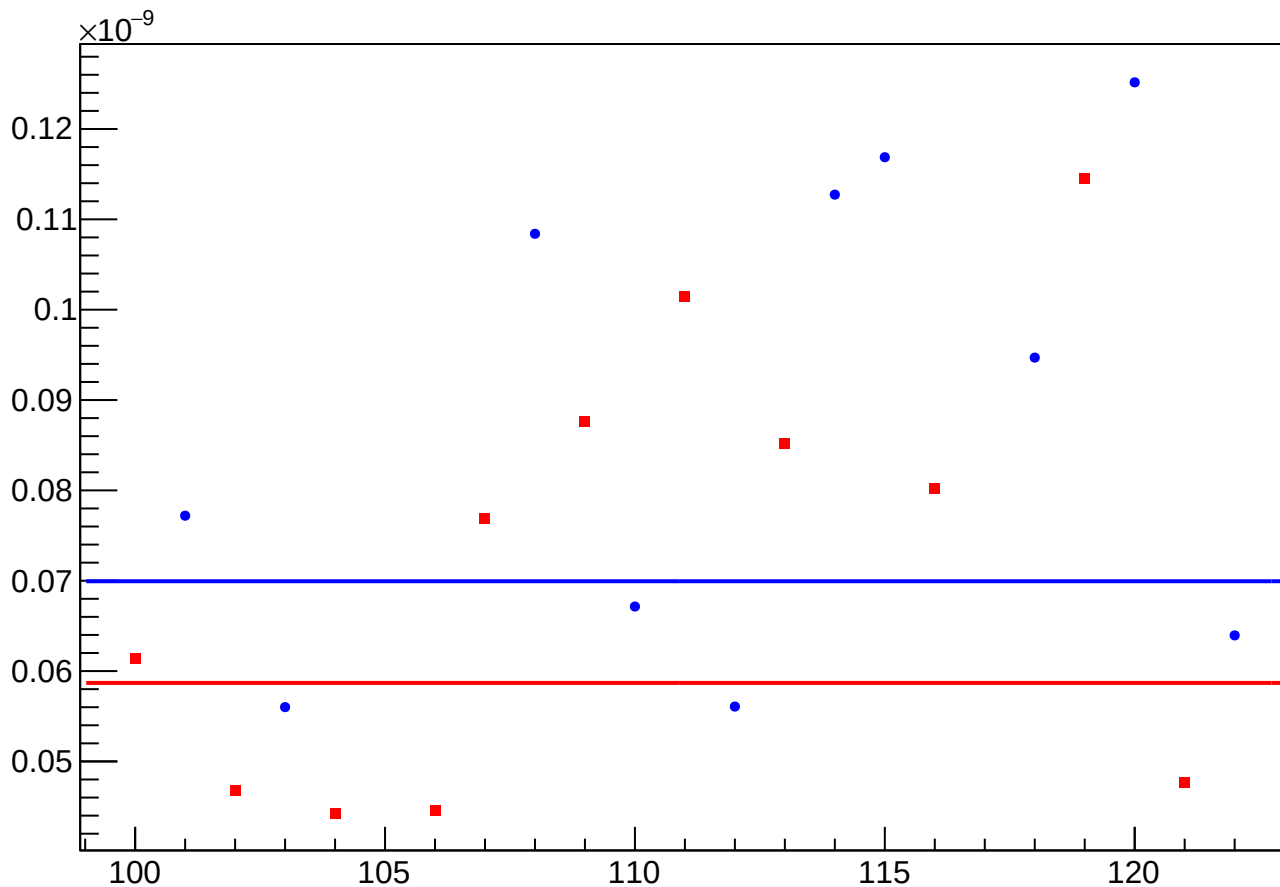
Right: -0.000+/-0.000 χ^2/NDF : 23.6/20

In: -0.000+/-0.000 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/20

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 351790.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 694866.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

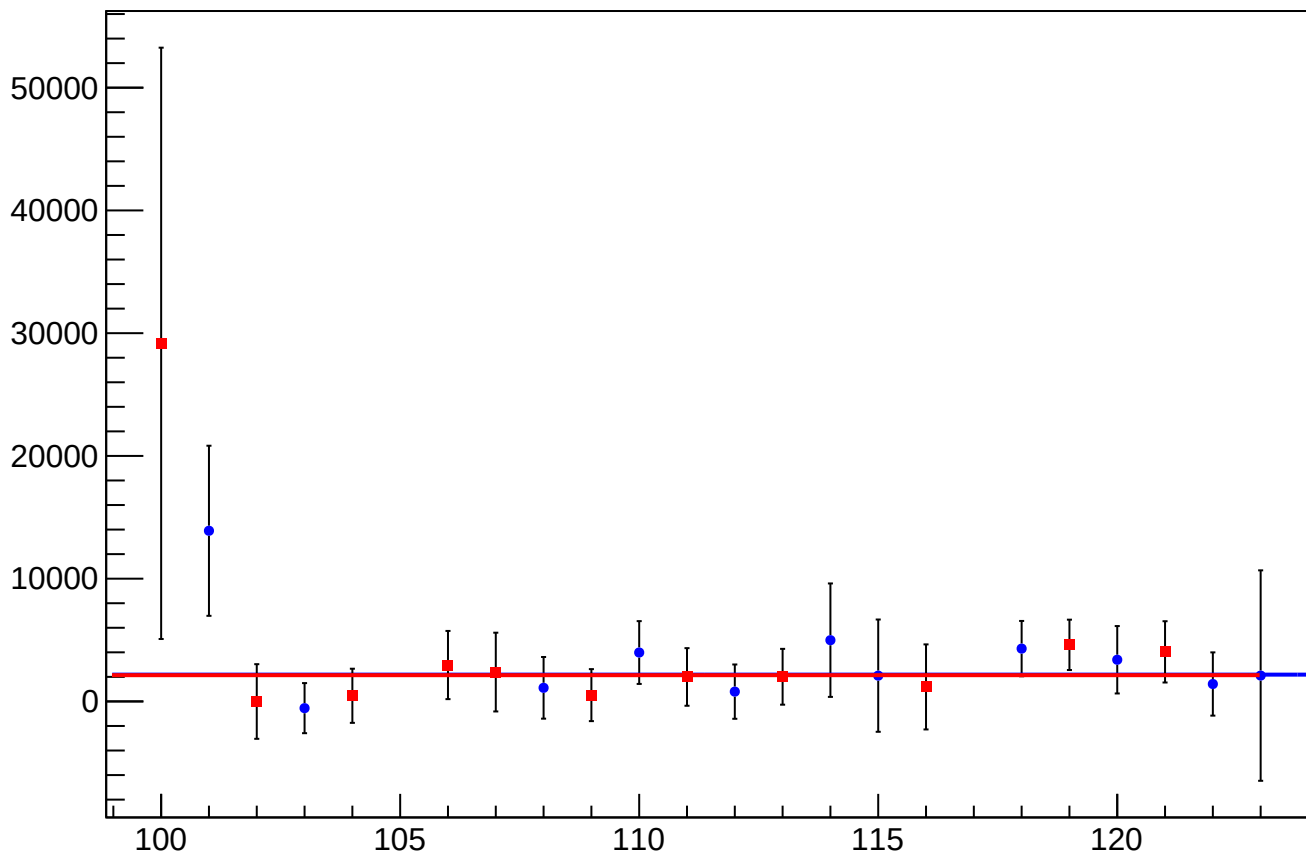
Right: 0.000+/-0.000 χ^2/NDF : 1122471.3/20

In: 0.000+/-0.000 χ^2/NDF : 351790.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1122471.3/20

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2182.313+/-855.963 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2138.333+/-785.286 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

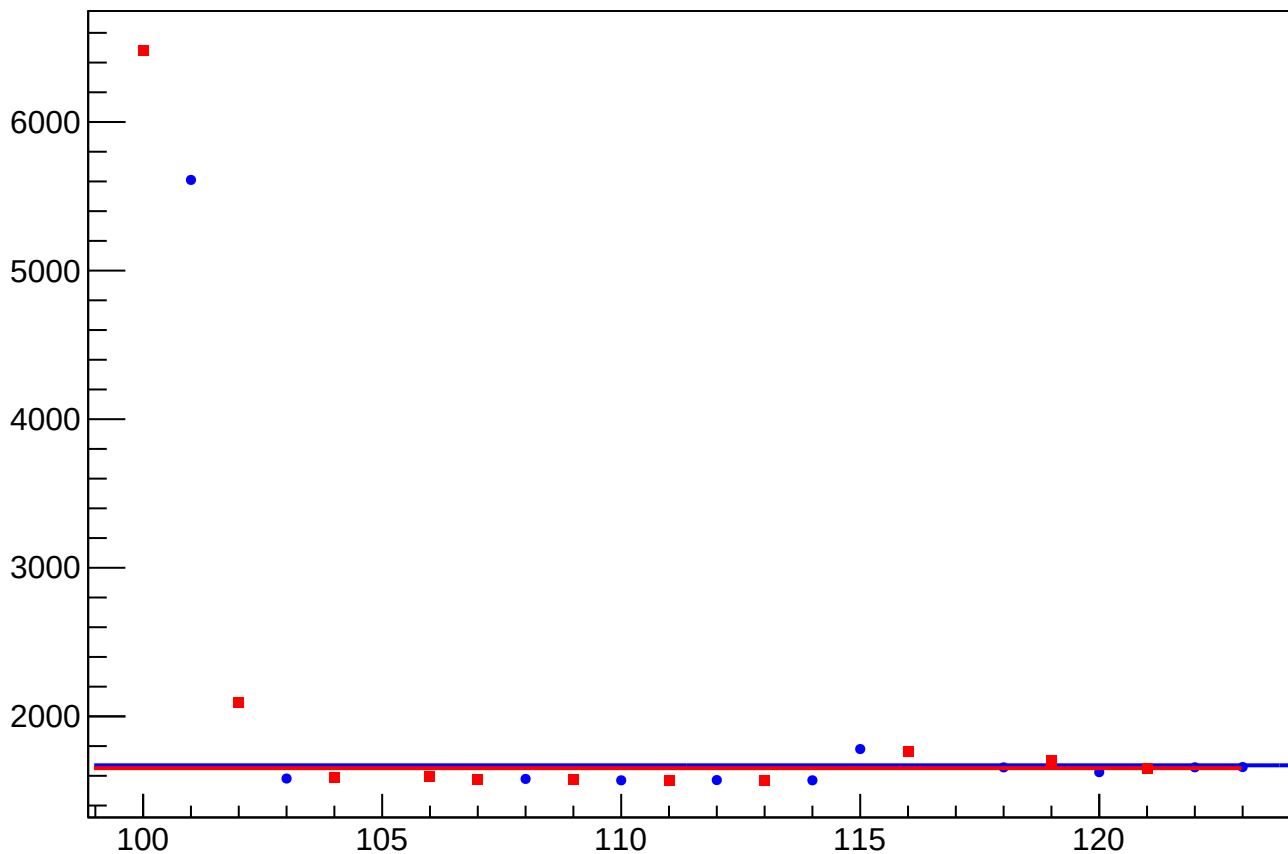
Right: 2158.433+/-578.657 χ^2/NDF : 12.4/21

In: 2182.313+/-855.963 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.433+/-578.657 χ^2/NDF : 12.4/21

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1670.596+/-0.605 χ^2/NDF : 662991.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.685+/-0.555 χ^2/NDF : 137702.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

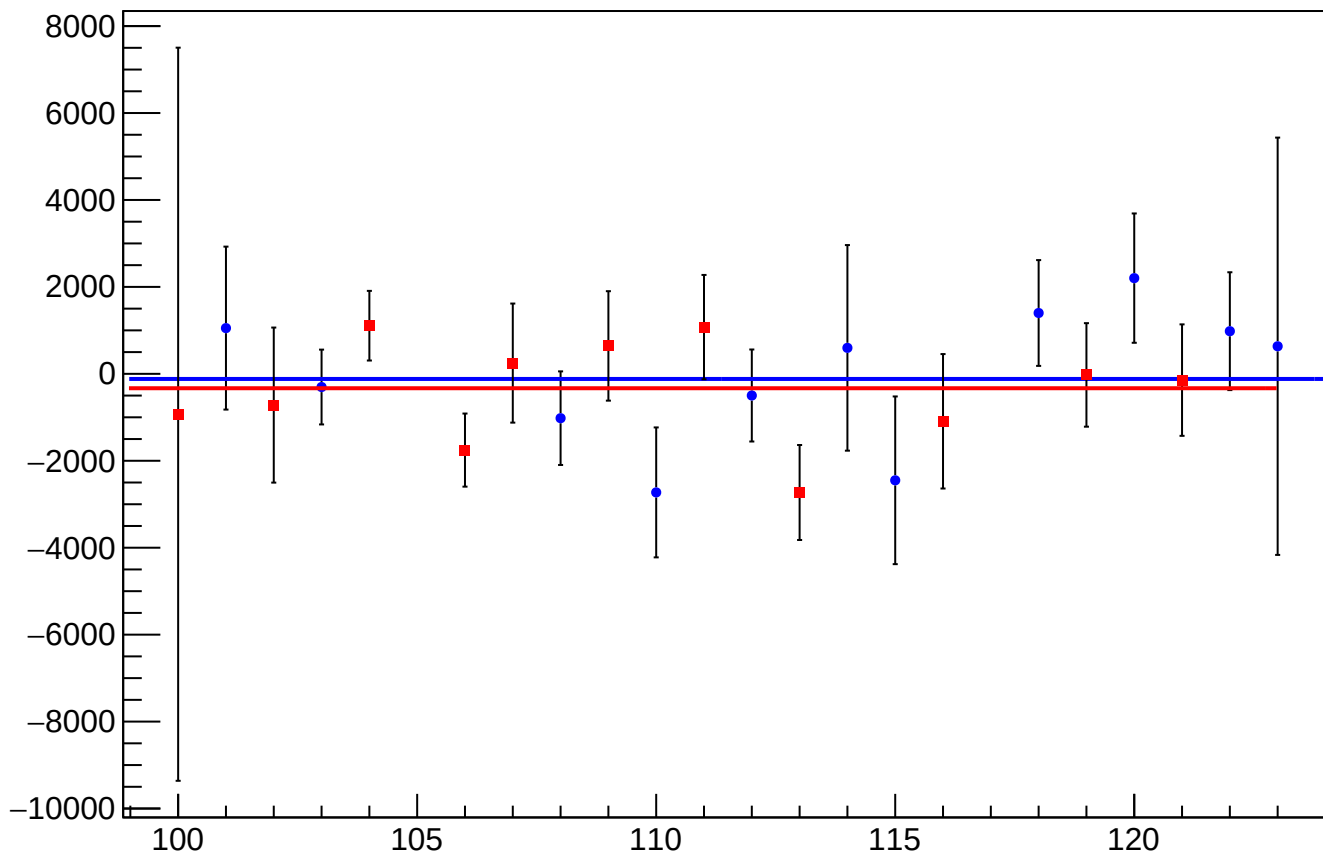
Right: 1660.328+/-0.409 χ^2/NDF : 801224.7/21

In: 1670.596+/-0.605 χ^2/NDF : 662991.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1660.328+/-0.409 χ^2/NDF : 801224.7/21

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -117.575+/-408.230 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -331.311+/-359.706 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

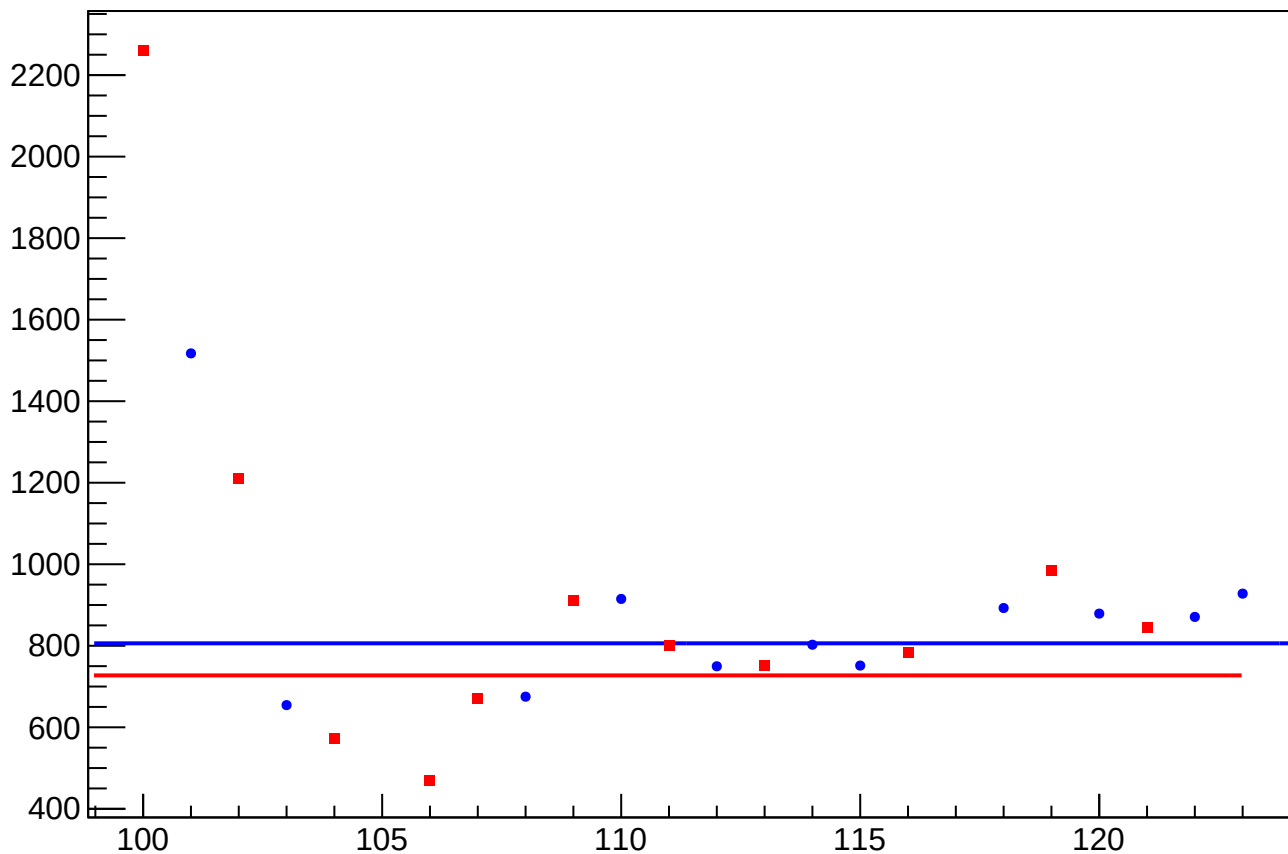
Right: -237.895+/-269.884 χ^2/NDF : 24.1/21

In: -117.575+/-408.230 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.895+/-269.884 χ^2/NDF : 24.1/21

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 806.020+/-0.289 χ^2/NDF : 418310.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.328+/-0.254 χ^2/NDF : 643352.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

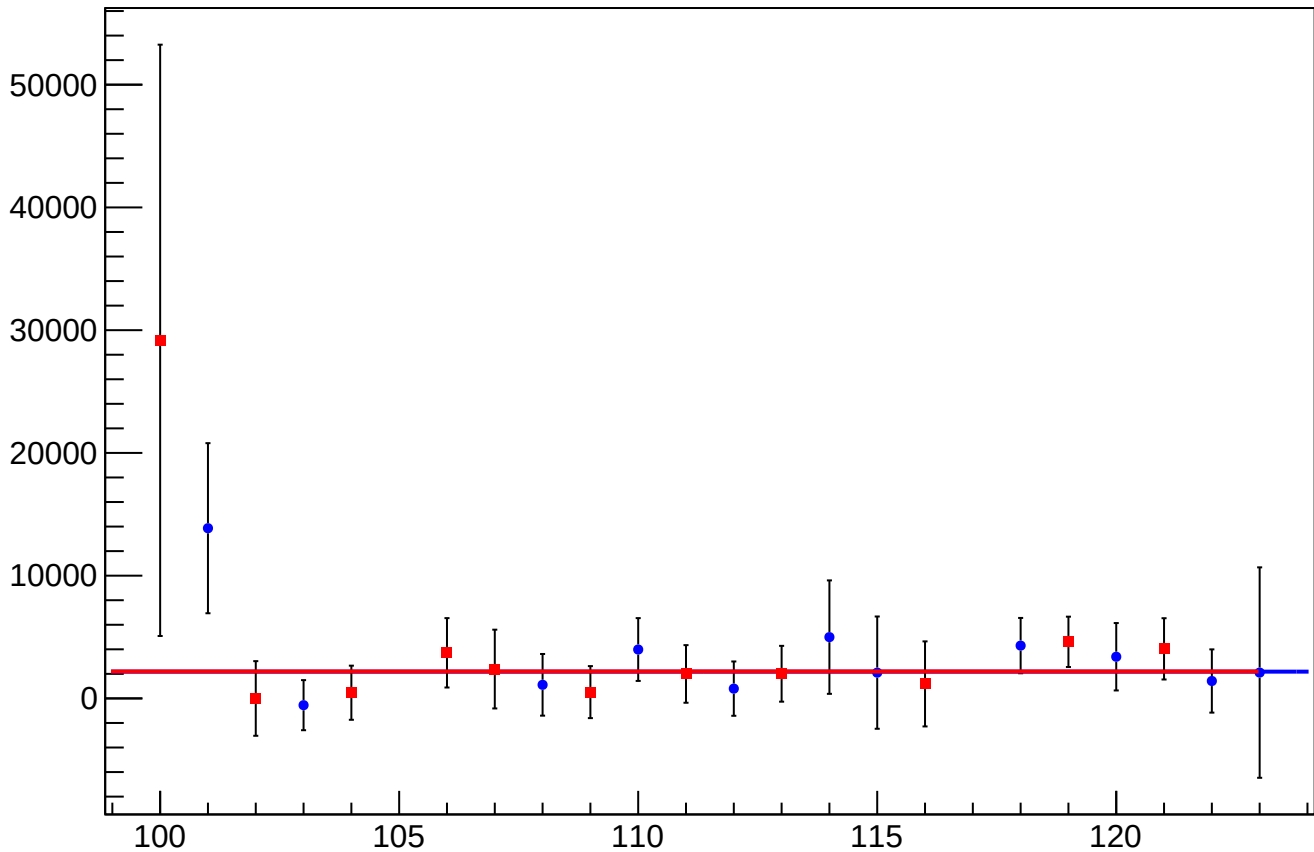
Right: 761.721+/-0.191 χ^2/NDF : 1103497.8/21

In: 806.020+/-0.289 χ^2/NDF : 418310.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.721+/-0.191 χ^2/NDF : 1103497.8/21

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2181.431+/-855.963 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2194.893+/-786.361 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

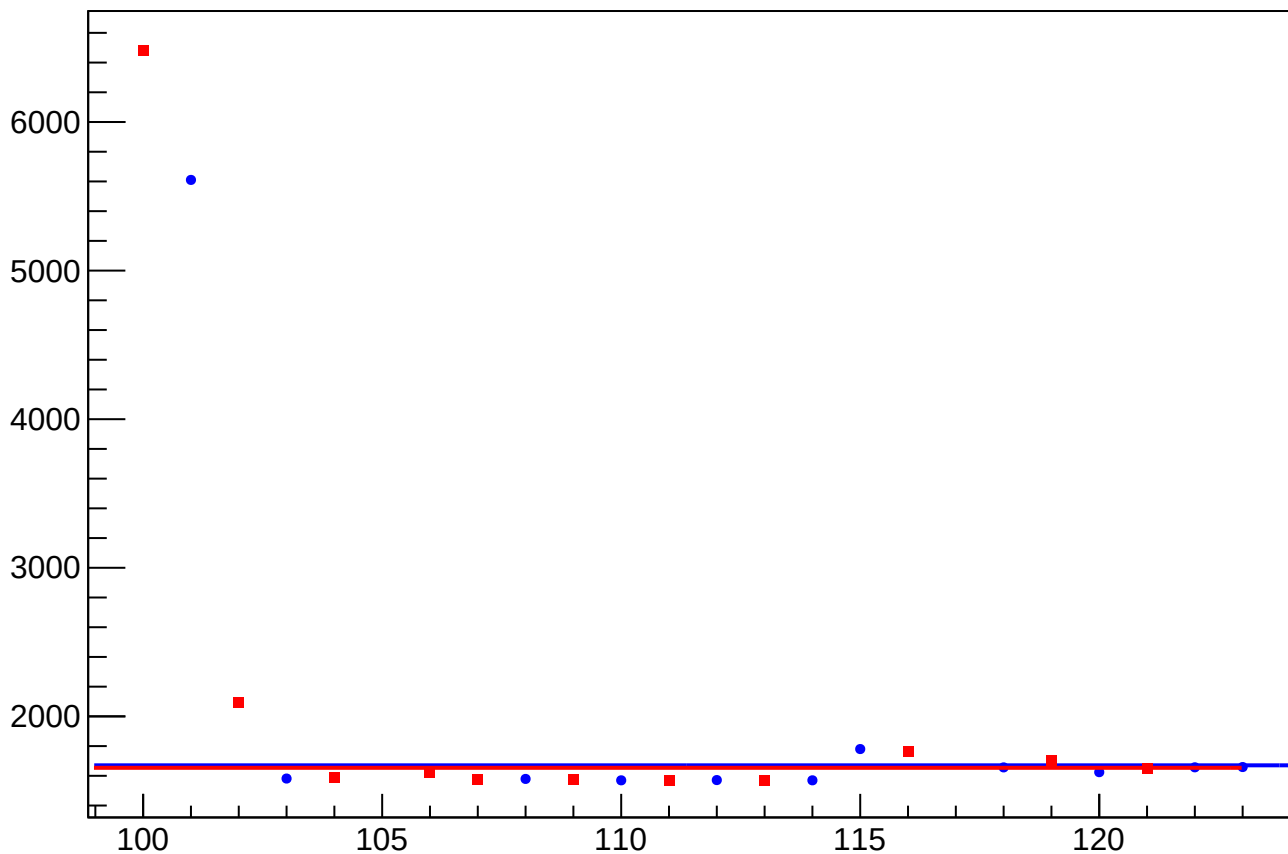
Right: 2188.732+/-579.086 χ^2/NDF : 12.6/21

In: 2181.431+/-855.963 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.732+/-579.086 χ^2/NDF : 12.6/21

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1670.596+/-0.605 χ^2/NDF : 662991.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1653.881+/-0.556 χ^2/NDF : 137055.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

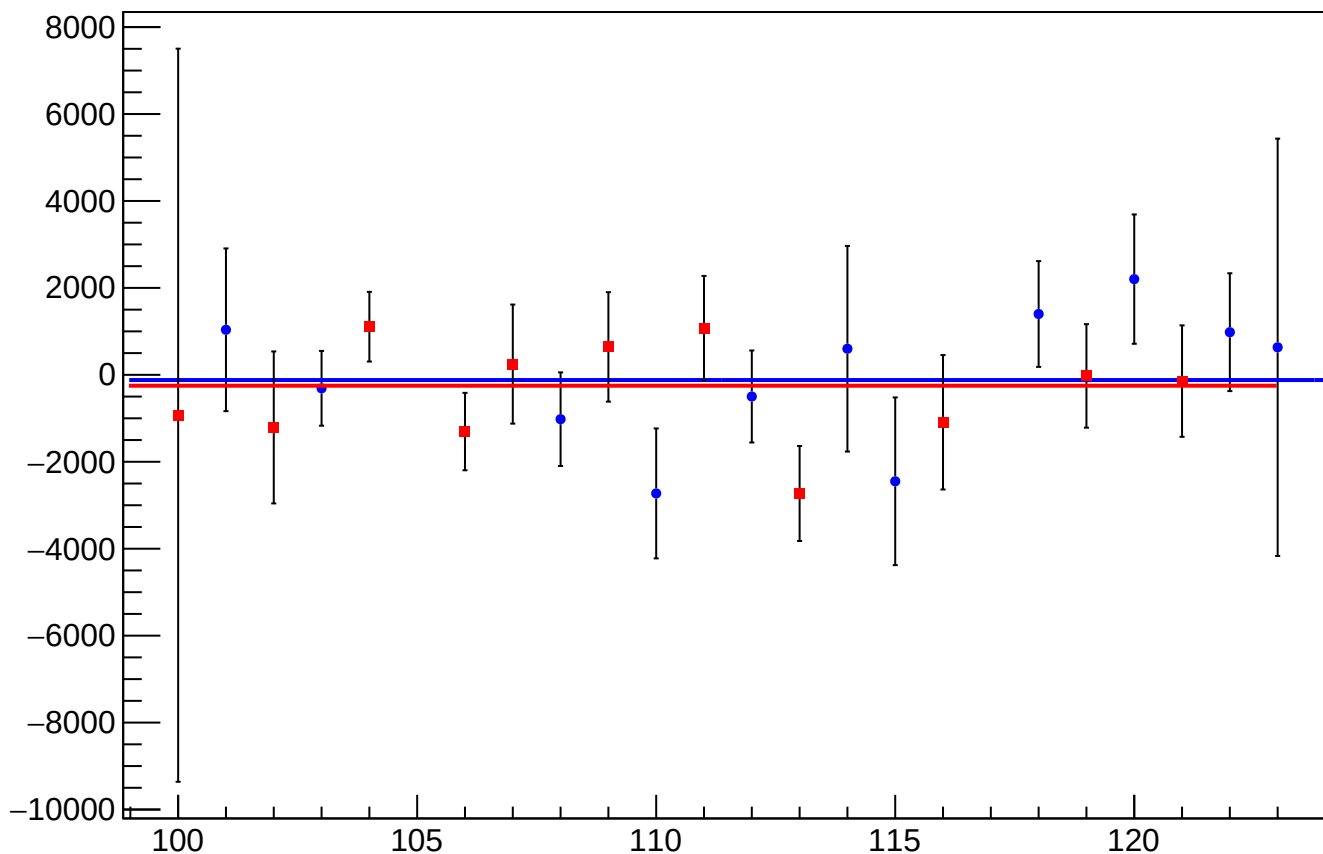
Right: 1661.531+/-0.409 χ^2/NDF : 800460.7/21

In: 1670.596+/-0.605 χ^2/NDF : 662991.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.531+/-0.409 χ^2/NDF : 800460.7/21

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -119.557+/-408.155 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.115+/-363.097 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

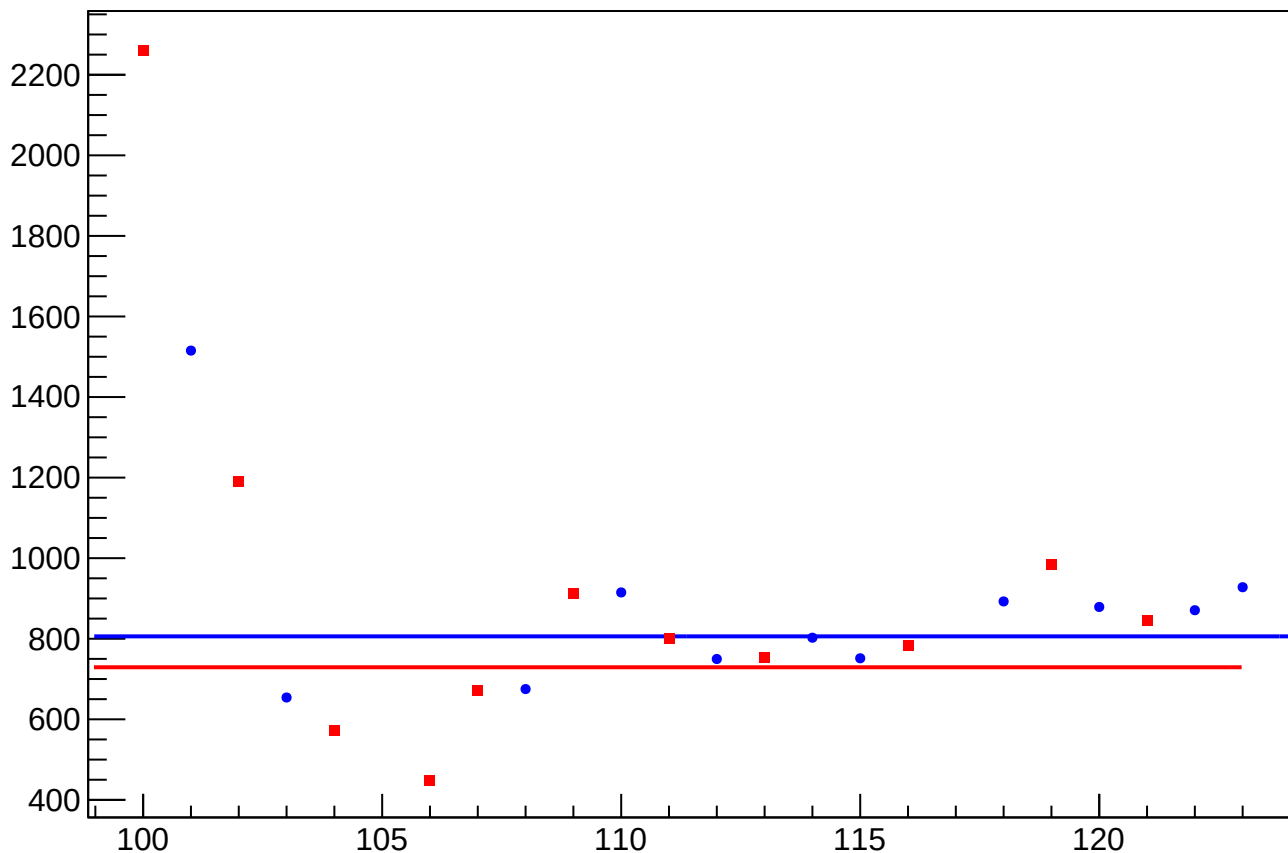
Right: -192.437+/-271.285 χ^2/NDF : 22.5/21

In: -119.557+/-408.155 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.437+/-271.285 χ^2/NDF : 22.5/21

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 805.913+/-0.289 χ^2/NDF : 417806.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.223+/-0.257 χ^2/NDF : 645281.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

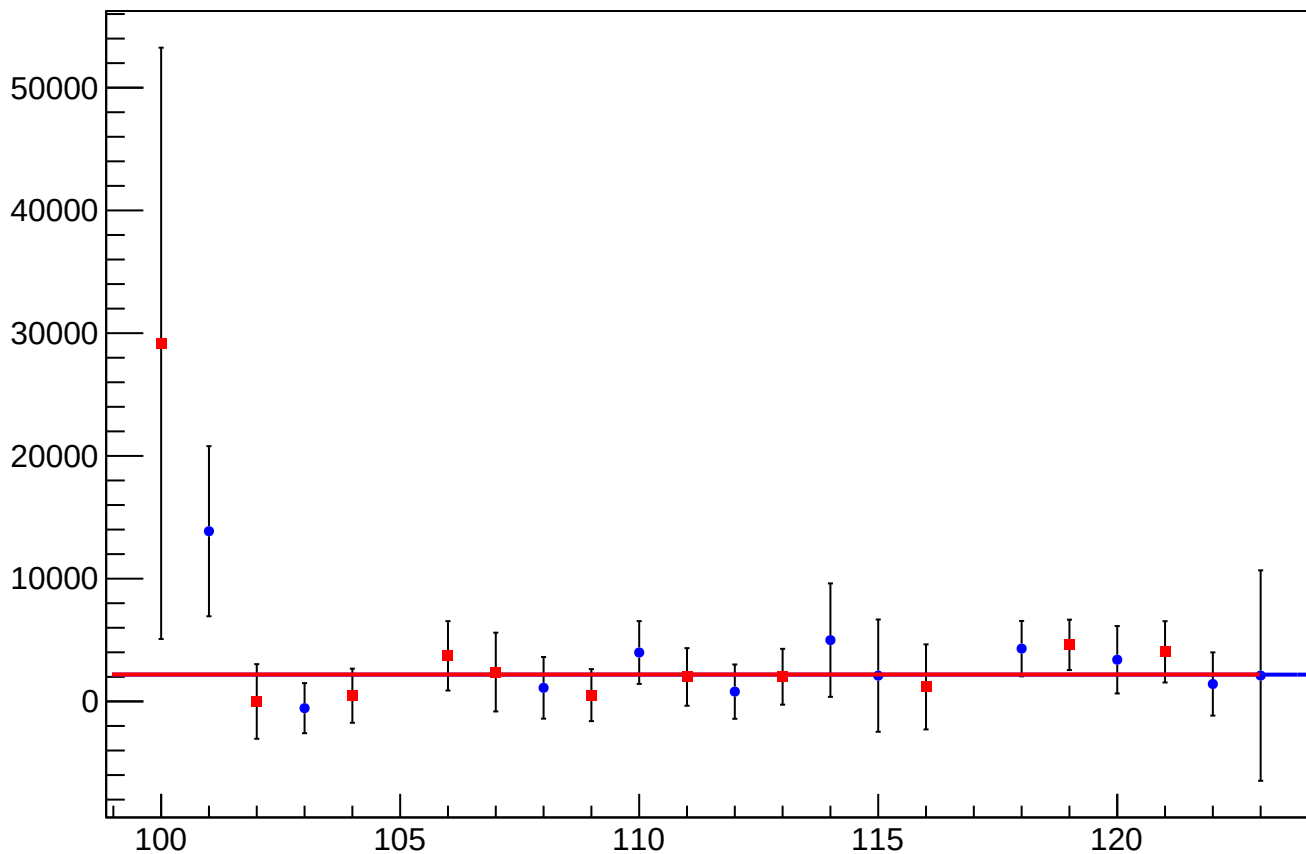
Right: 763.103+/-0.192 χ^2/NDF : 1102502.9/21

In: 805.913+/-0.289 χ^2/NDF : 417806.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.103+/-0.192 χ^2/NDF : 1102502.9/21

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2181.431+/-855.963 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2194.893+/-786.361 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

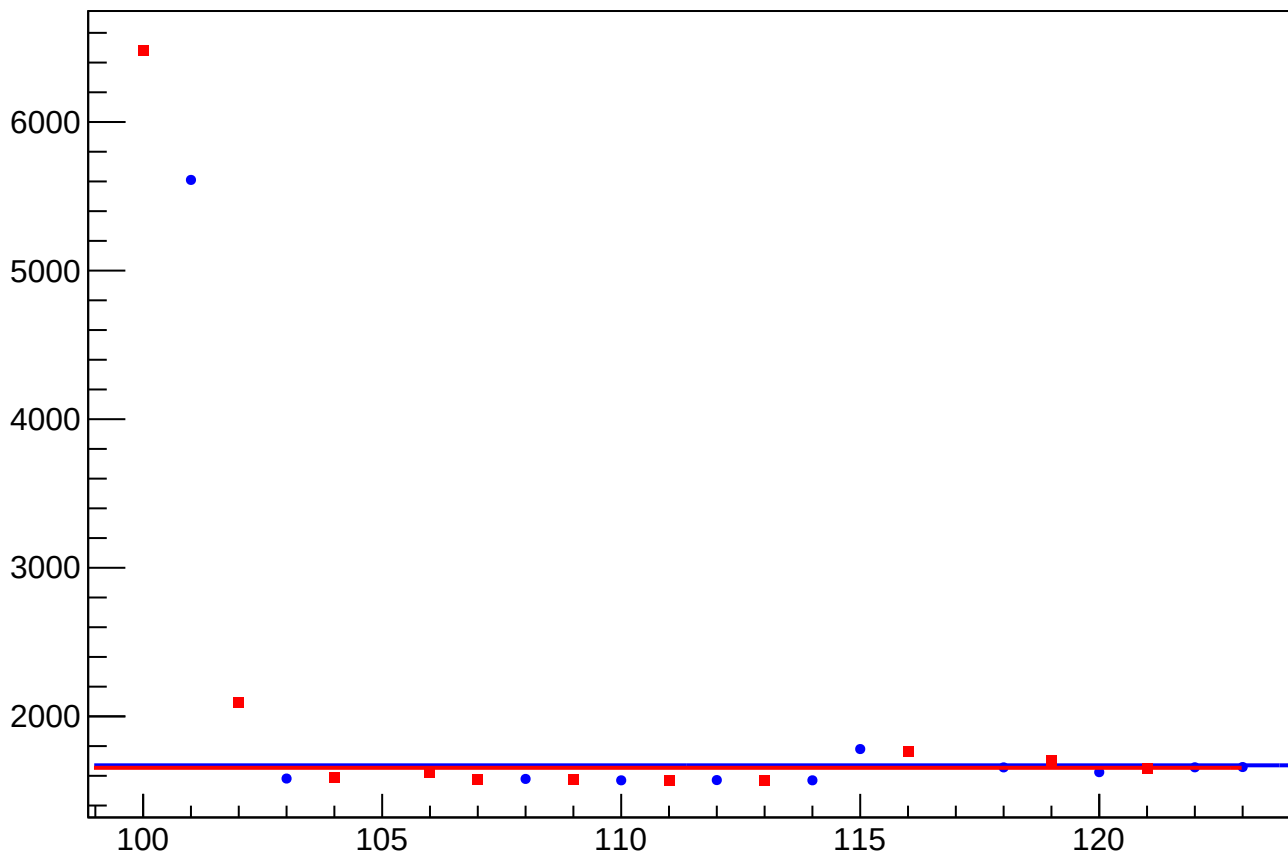
Right: 2188.732+/-579.086 χ^2/NDF : 12.6/21

In: 2181.431+/-855.963 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.732+/-579.086 χ^2/NDF : 12.6/21

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1670.596+/-0.605 χ^2/NDF : 662991.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1653.881+/-0.556 χ^2/NDF : 137055.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

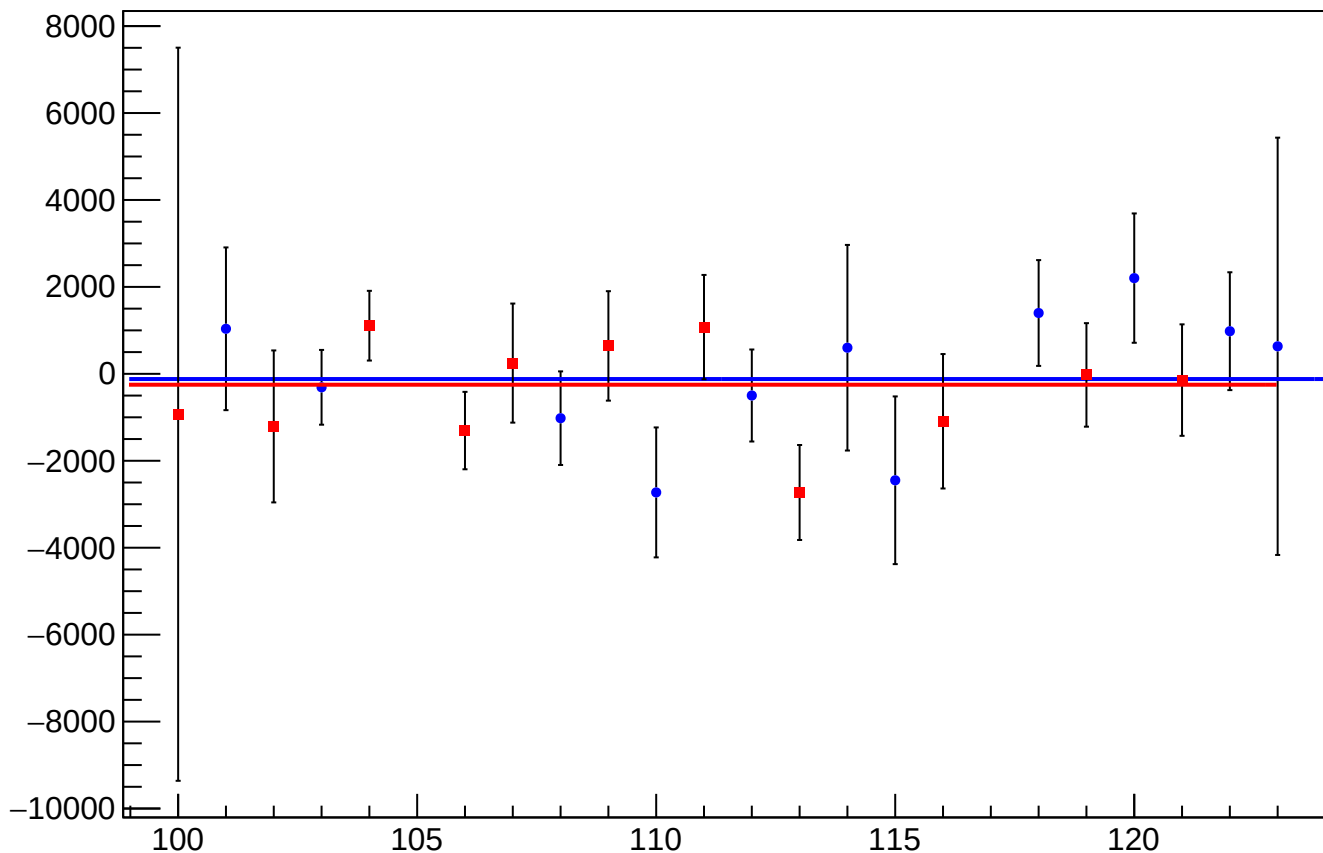
Right: 1661.531+/-0.409 χ^2/NDF : 800460.7/21

In: 1670.596+/-0.605 χ^2/NDF : 662991.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.531+/-0.409 χ^2/NDF : 800460.7/21

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -119.557+/-408.155 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.115+/-363.097 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

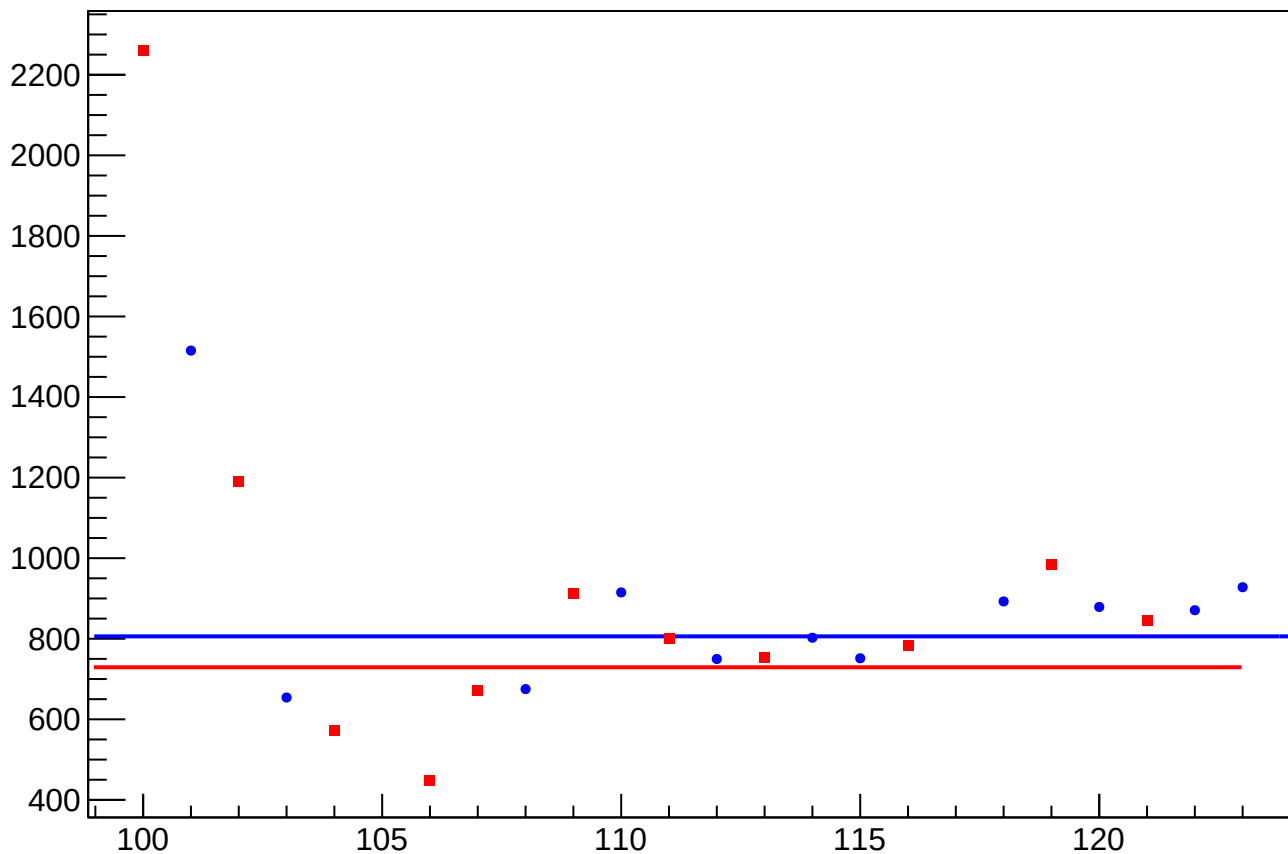
Right: -192.437+/-271.285 χ^2/NDF : 22.5/21

In: -119.557+/-408.155 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.437+/-271.285 χ^2/NDF : 22.5/21

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 805.913+/-0.289 χ^2/NDF : 417806.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.223+/-0.257 χ^2/NDF : 645281.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

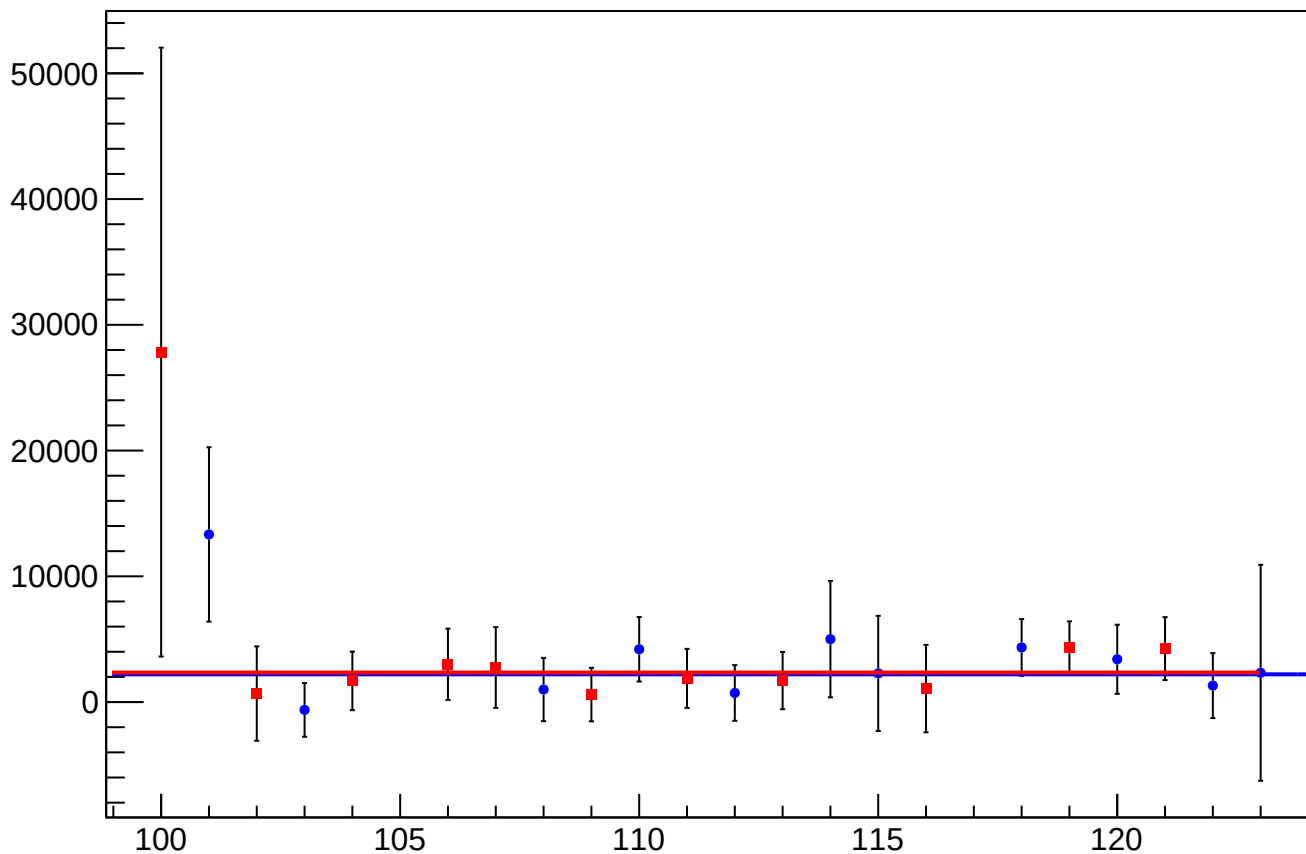
Right: 763.103+/-0.192 χ^2/NDF : 1102502.9/21

In: 805.913+/-0.289 χ^2/NDF : 417806.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.103+/-0.192 χ^2/NDF : 1102502.9/21

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2206.306+/-863.459 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2351.218+/-802.293 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

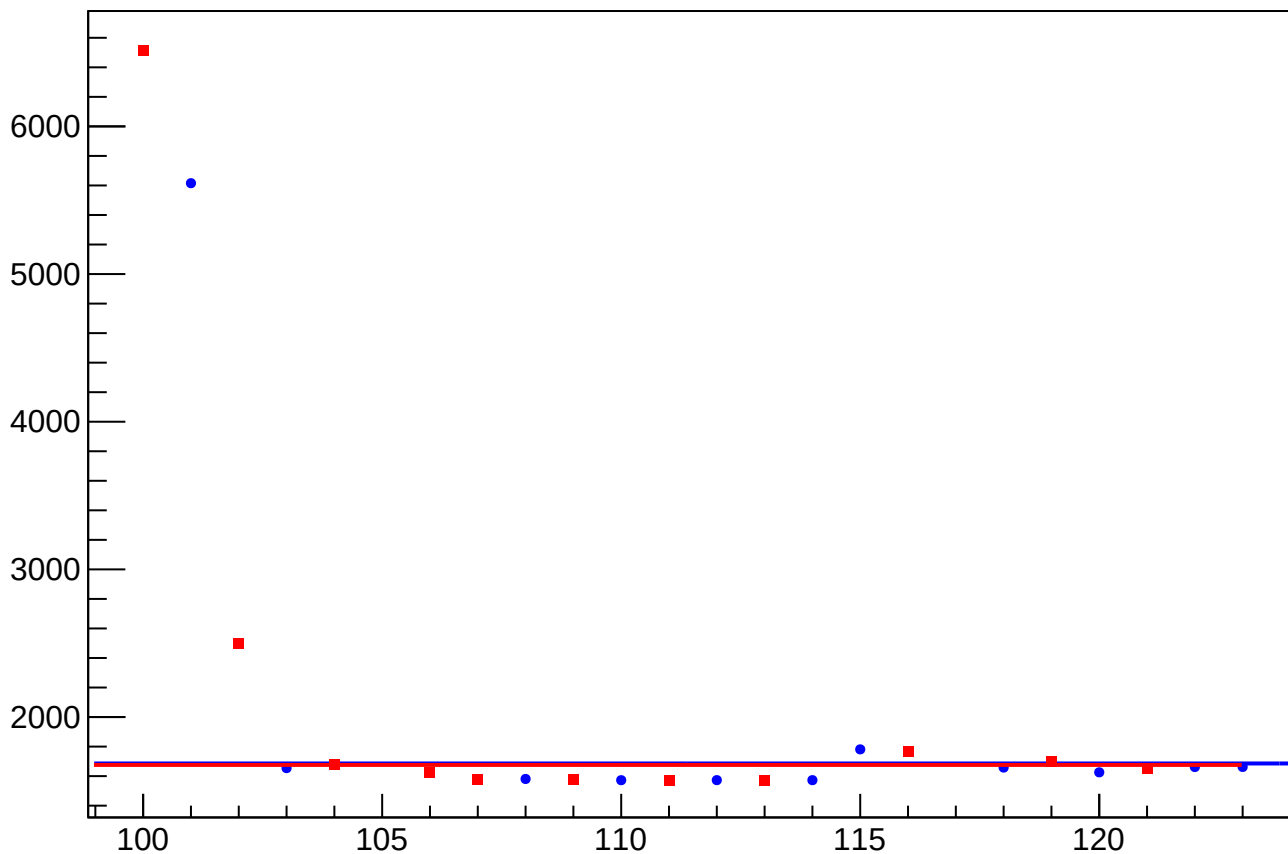
Right: 2284.076+/-587.742 χ^2/NDF : 11.1/21

In: 2206.306+/-863.459 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.076+/-587.742 χ^2/NDF : 11.1/21

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1685.670+/-0.611 χ^2 /NDF: 658669.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1675.899+/-0.567 χ^2 /NDF: 192315.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

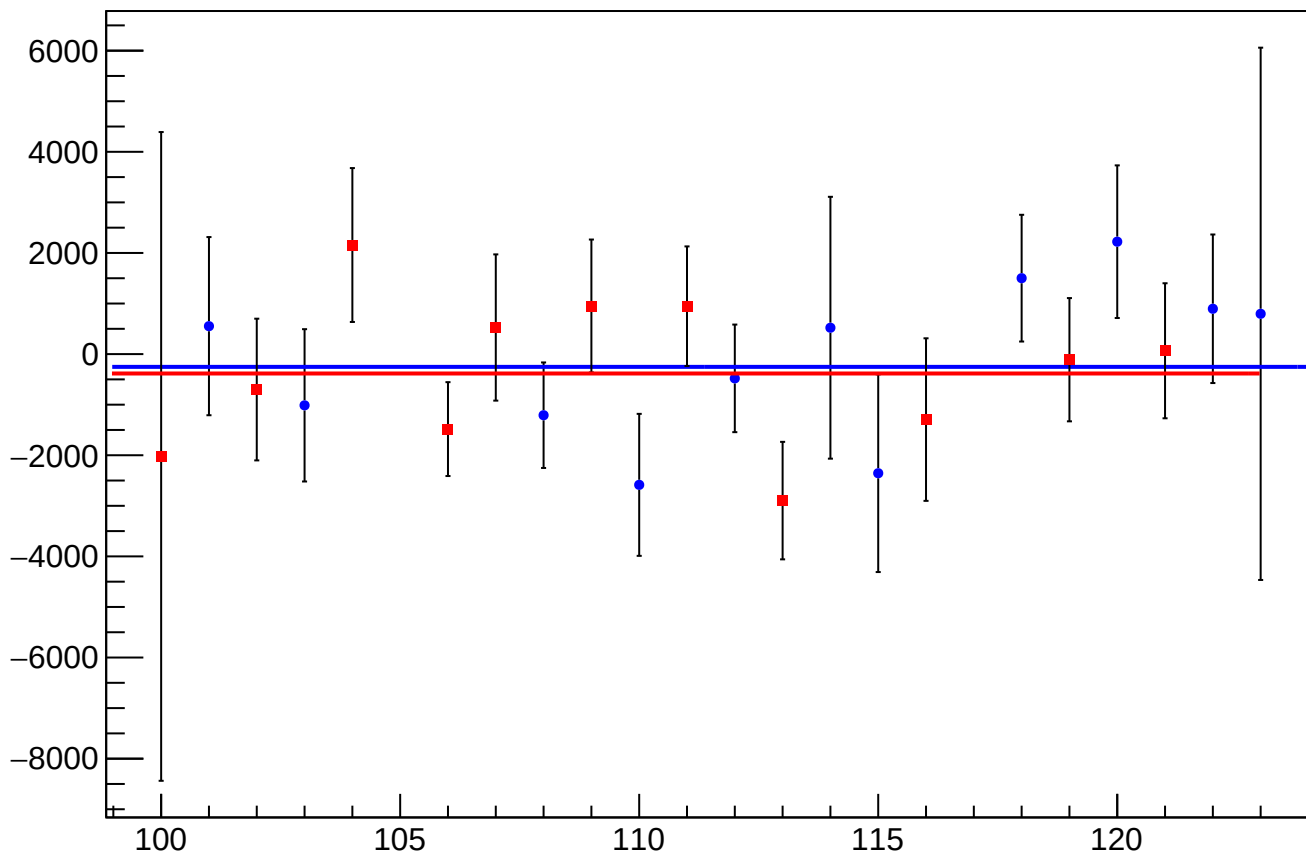
Right: 1680.426+/-0.416 χ^2 /NDF: 851121.9/21

In: 1685.670+/-0.611 χ^2 /NDF:658669.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1680.426+/-0.416 χ^2 /NDF: 851121.9/21

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -252.436+/-444.558 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -383.559+/-399.625 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

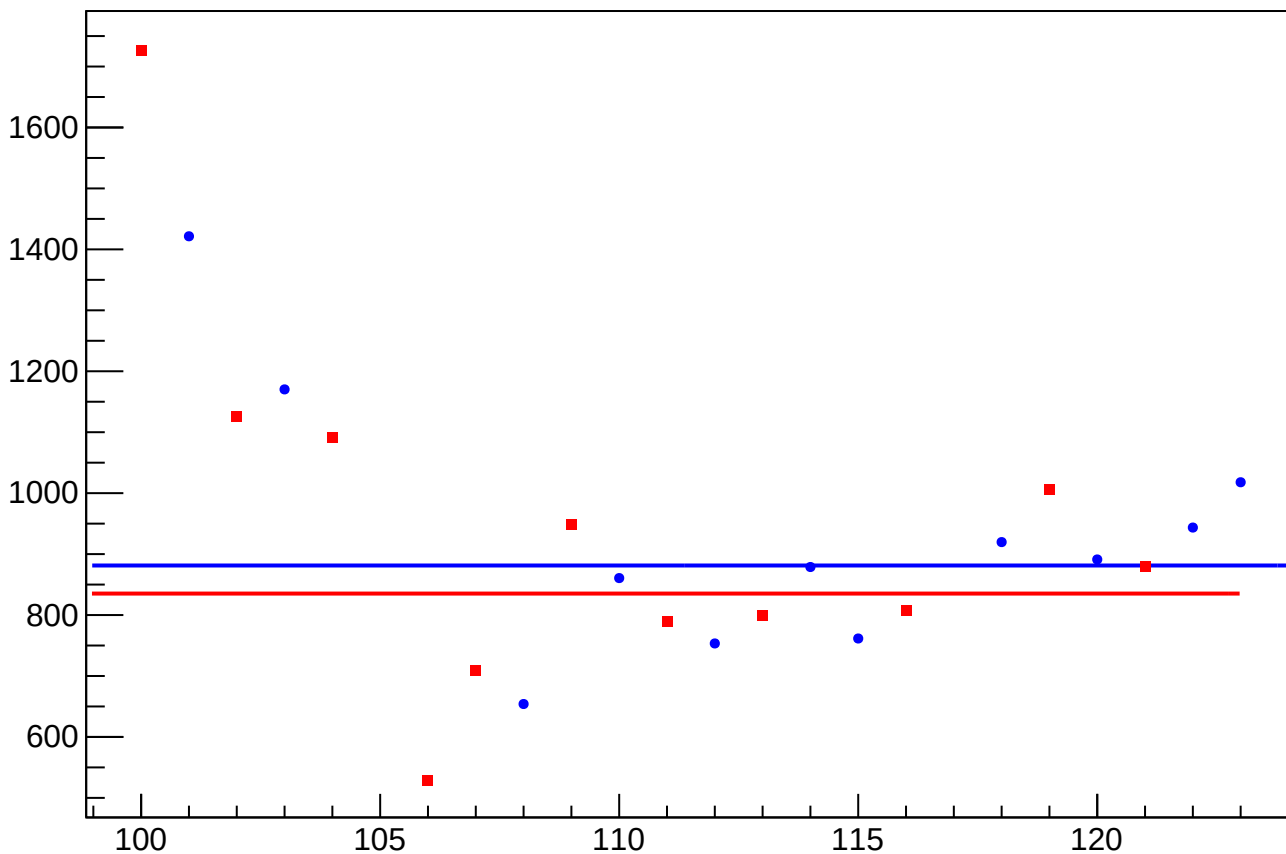
Right: -324.957+/-297.198 χ^2/NDF : 22.9/21

In: -252.436+/-444.558 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.957+/-297.198 χ^2/NDF : 22.9/21

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 881.302+/-0.314 χ^2/NDF : 400395.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 835.238+/-0.283 χ^2/NDF : 476614.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

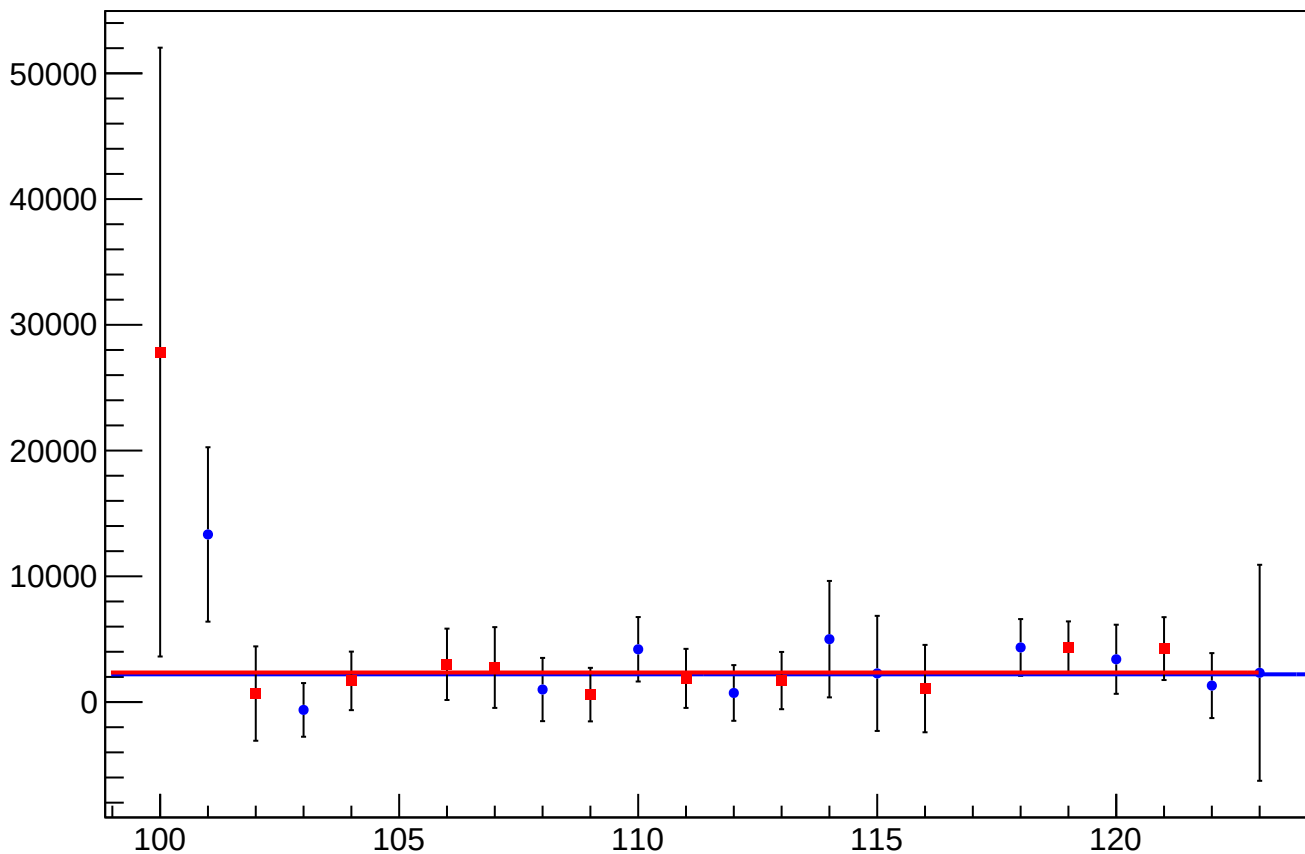
Right: 855.825+/-0.210 χ^2/NDF : 888886.2/21

In: 881.302+/-0.314 χ^2/NDF : 400395.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.825+/-0.210 χ^2/NDF : 888886.2/21

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2206.305+/-863.458 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2351.218+/-802.292 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

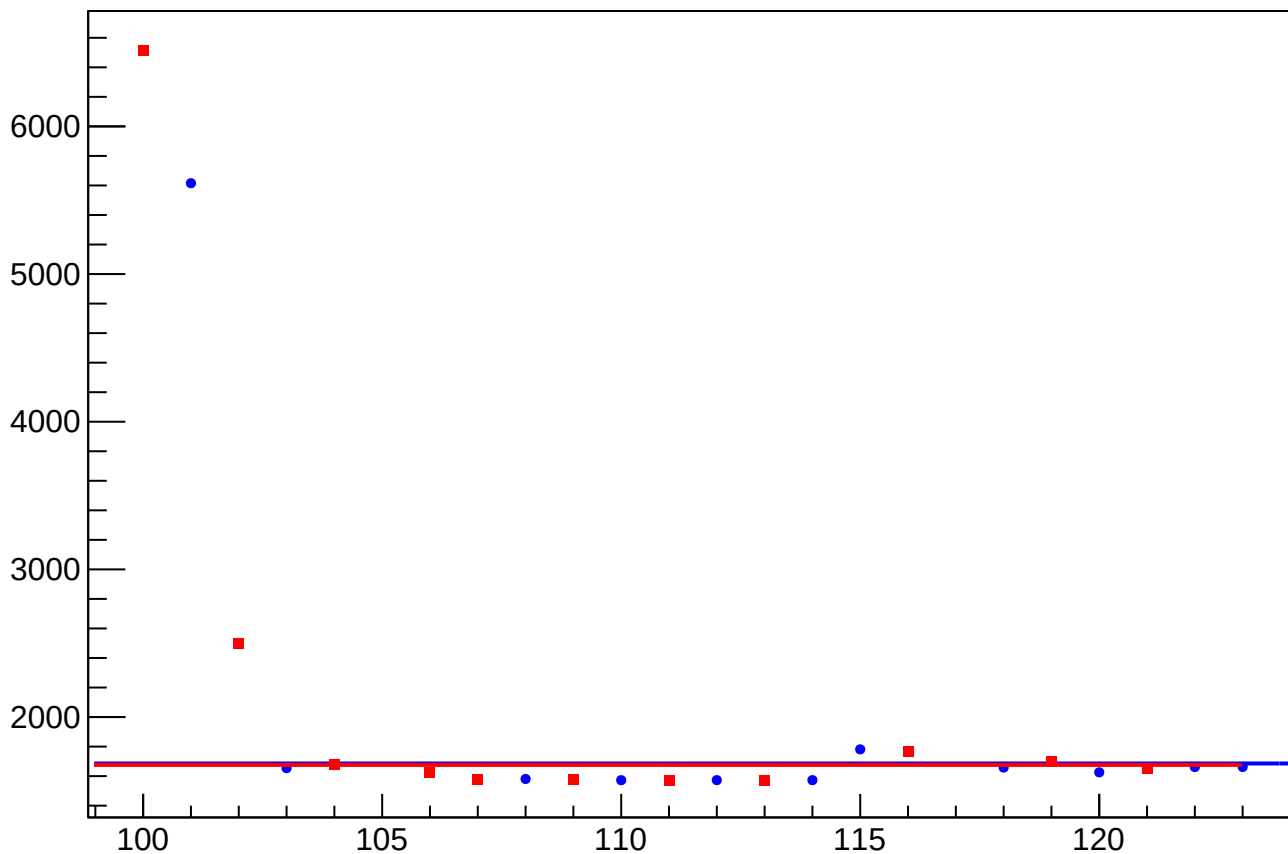
Right: 2284.076+/-587.742 χ^2/NDF : 11.1/21

In: 2206.305+/-863.458 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.076+/-587.742 χ^2/NDF : 11.1/21

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1685.670+/-0.611 χ^2/NDF : 658669.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1675.899+/-0.567 χ^2/NDF : 192315.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

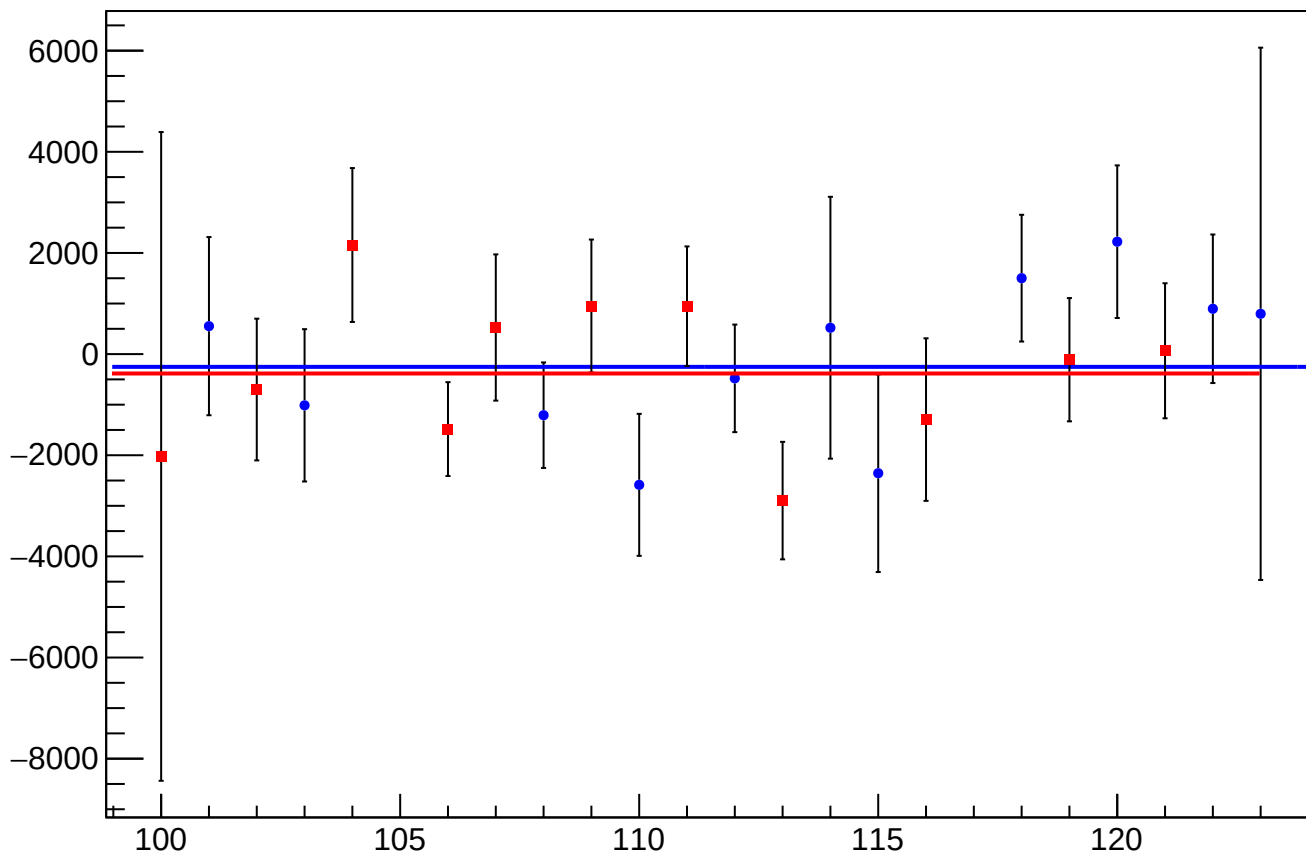
Right: 1680.426+/-0.416 χ^2/NDF : 851121.7/21

In: 1685.670+/-0.611 χ^2/NDF : 658669.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1680.426+/-0.416 χ^2/NDF : 851121.7/21

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -252.435+/-444.556 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -383.558+/-399.624 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

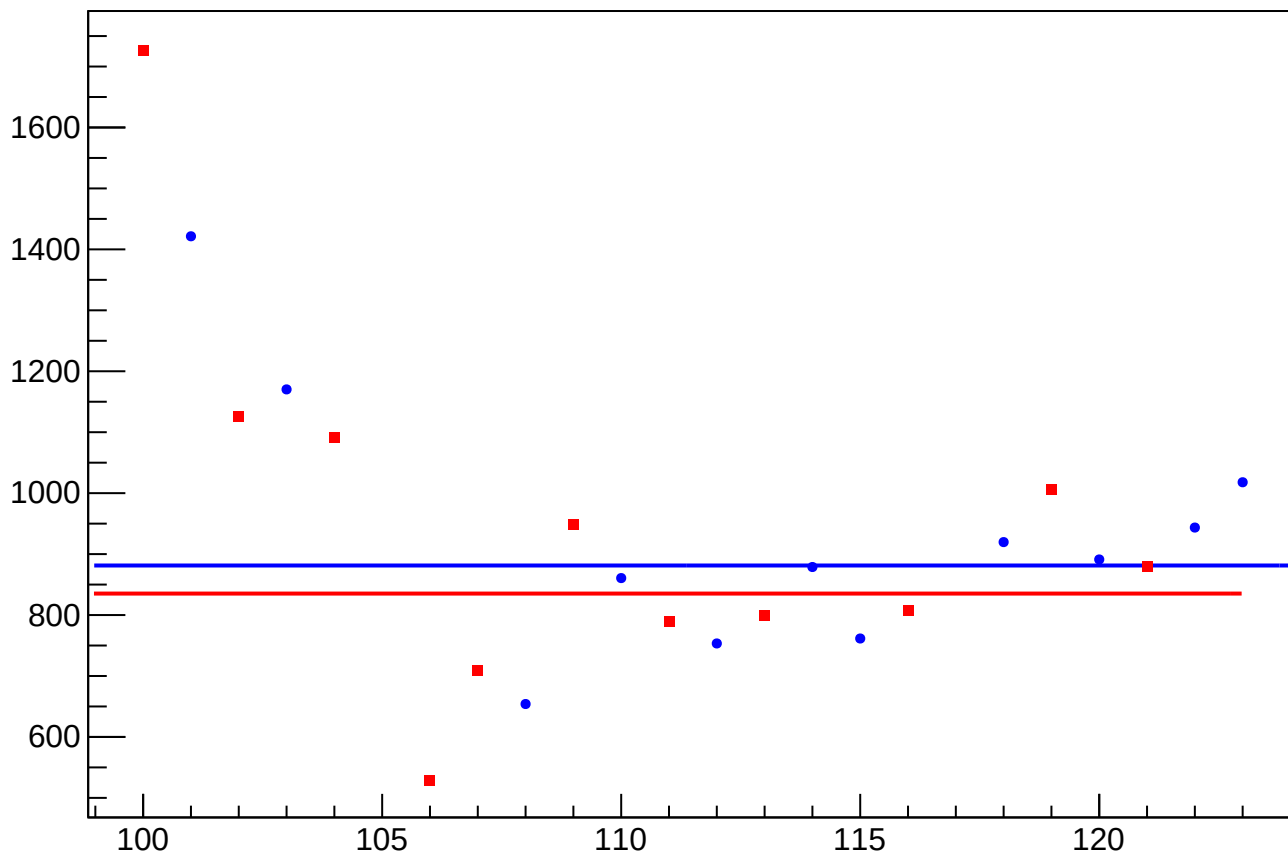
Right: -324.956+/-297.197 χ^2/NDF : 22.9/21

In: -252.435+/-444.556 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.956+/-297.197 χ^2/NDF : 22.9/21

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 881.297+/-0.314 χ^2/NDF : 400399.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 835.236+/-0.283 χ^2/NDF : 476609.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

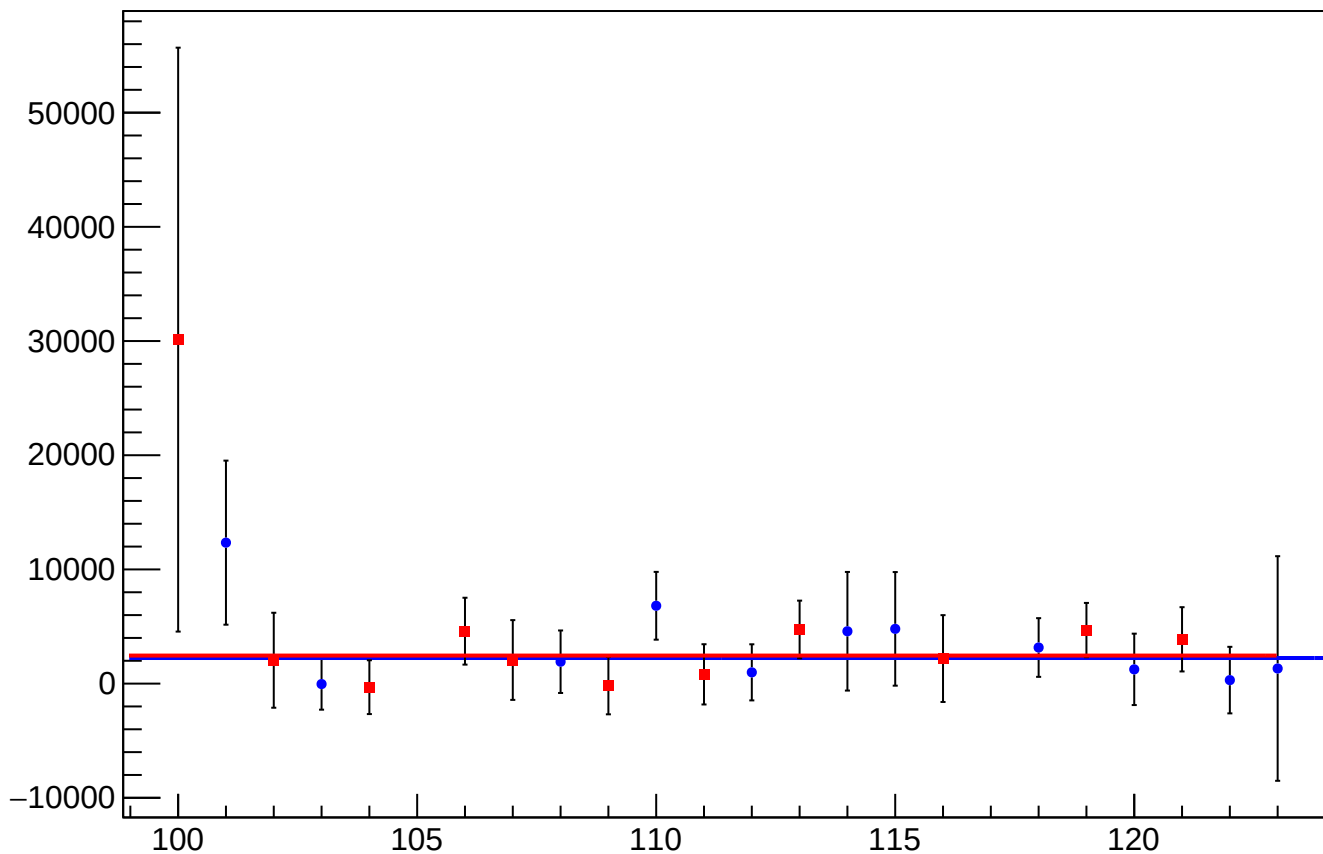
Right: 855.822+/-0.210 χ^2/NDF : 888883.9/21

In: 881.297+/-0.314 χ^2/NDF : 400399.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.822+/-0.210 χ^2/NDF : 888883.9/21

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2242.213+/-957.778 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2455.489+/-887.555 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

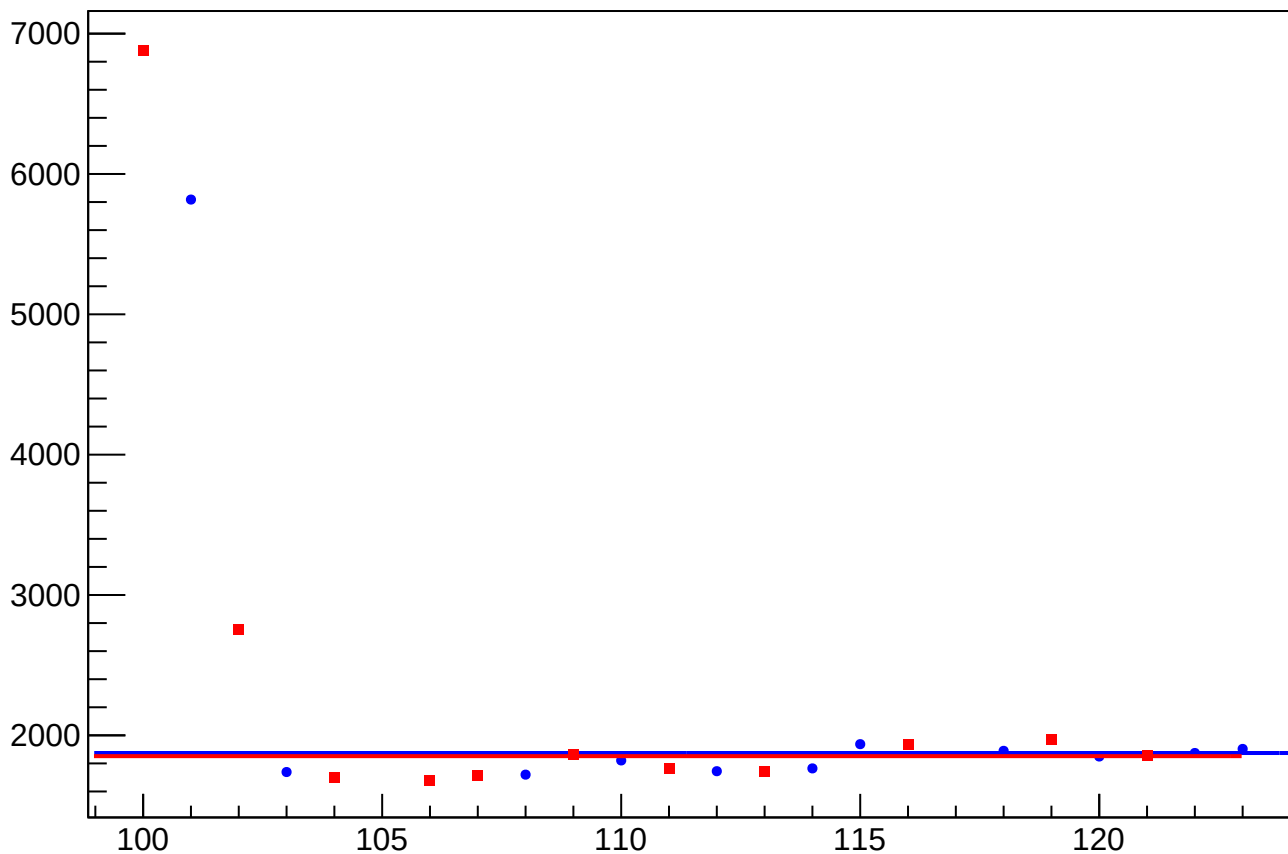
Right: 2356.956+/-651.008 χ^2/NDF : 13.4/21

In: 2242.213+/-957.778 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2356.956+/-651.008 χ^2/NDF : 13.4/21

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1874.118+/-0.677 χ^2/NDF : 623968.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1851.664+/-0.628 χ^2/NDF : 202562.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

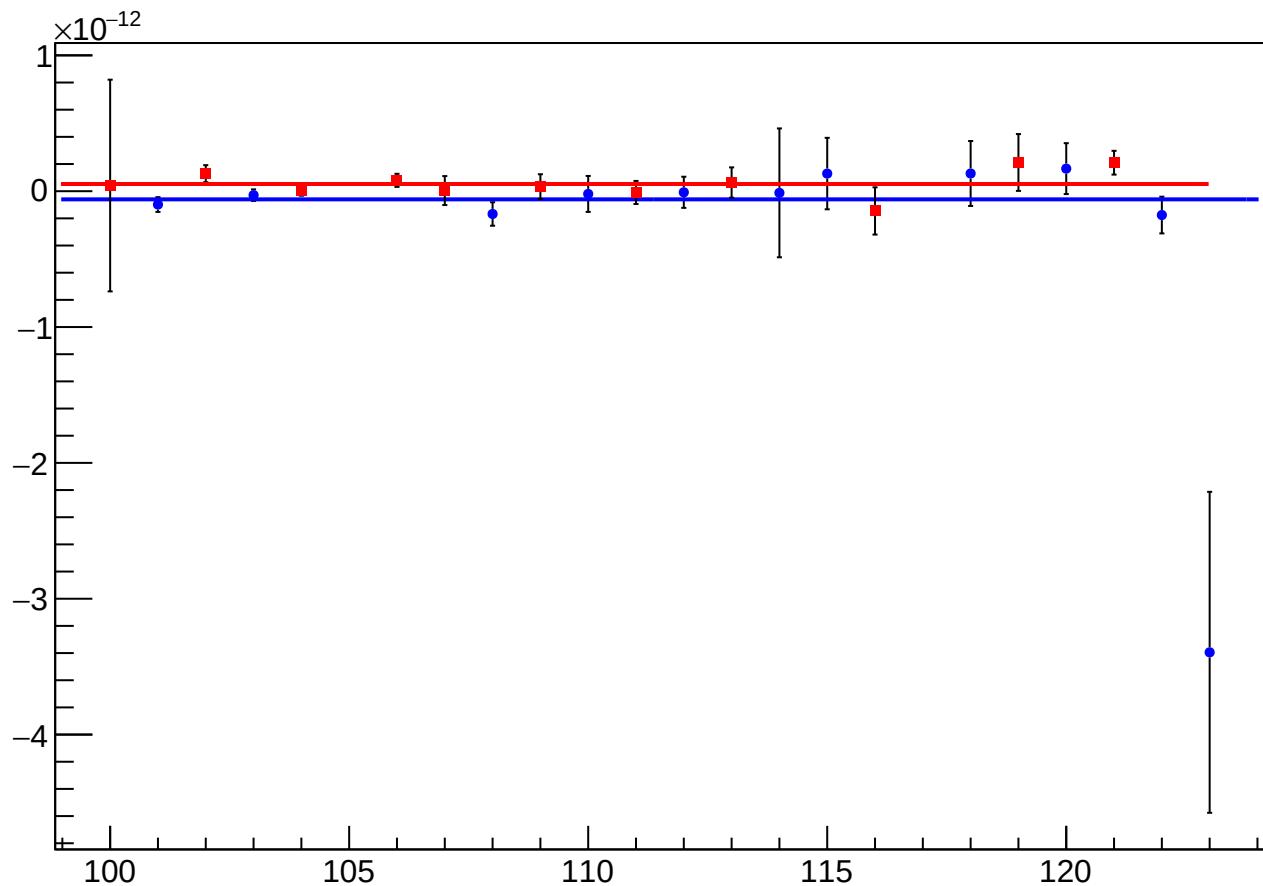
Right: 1862.038+/-0.460 χ^2/NDF : 827122.3/21

In: 1874.118+/-0.677 χ^2/NDF : 623968.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.038+/-0.460 χ^2/NDF : 827122.3/21

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

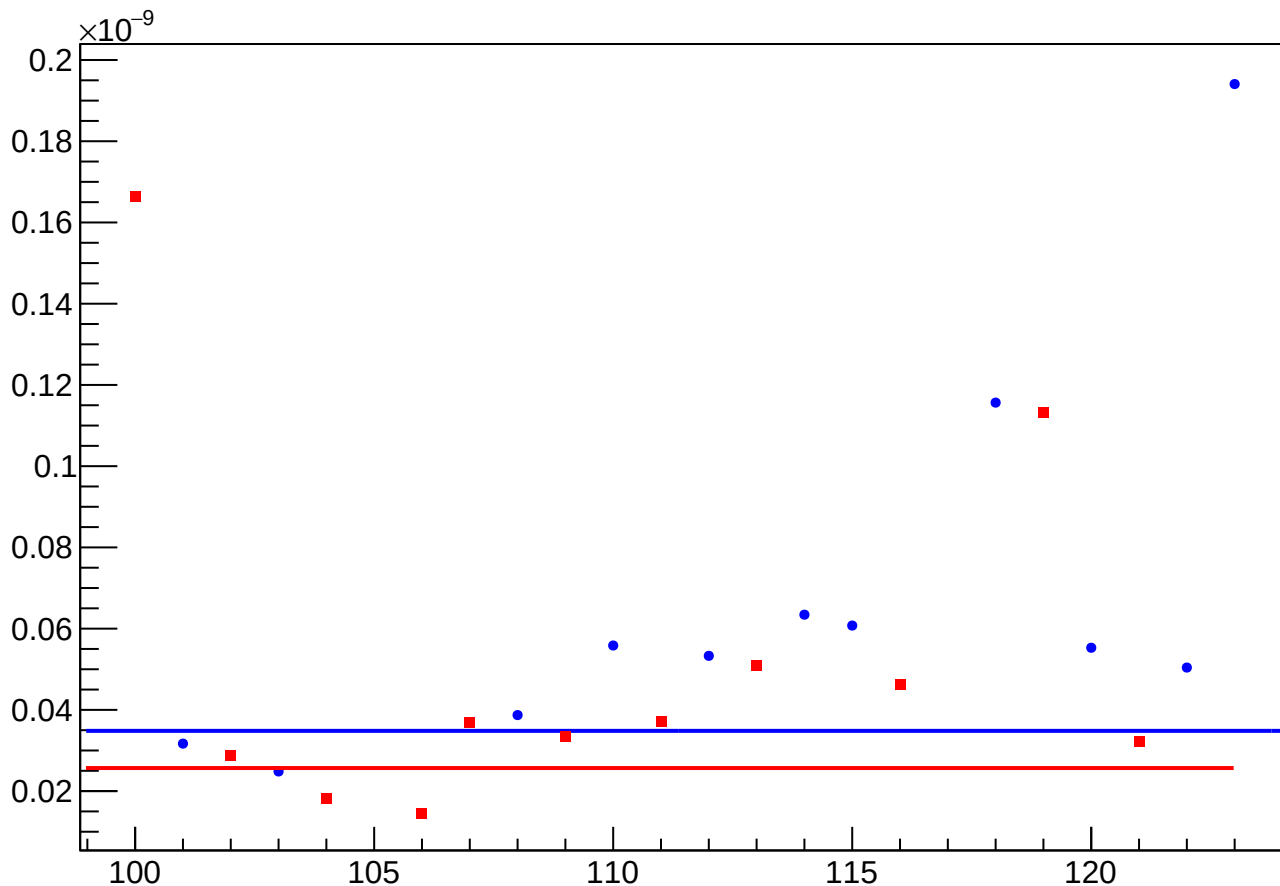
Right: 0.000+/-0.000 χ^2/NDF : 33.5/21

In: -0.000+/-0.000 χ^2/NDF : 14.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.5/21

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565910.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 822688.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

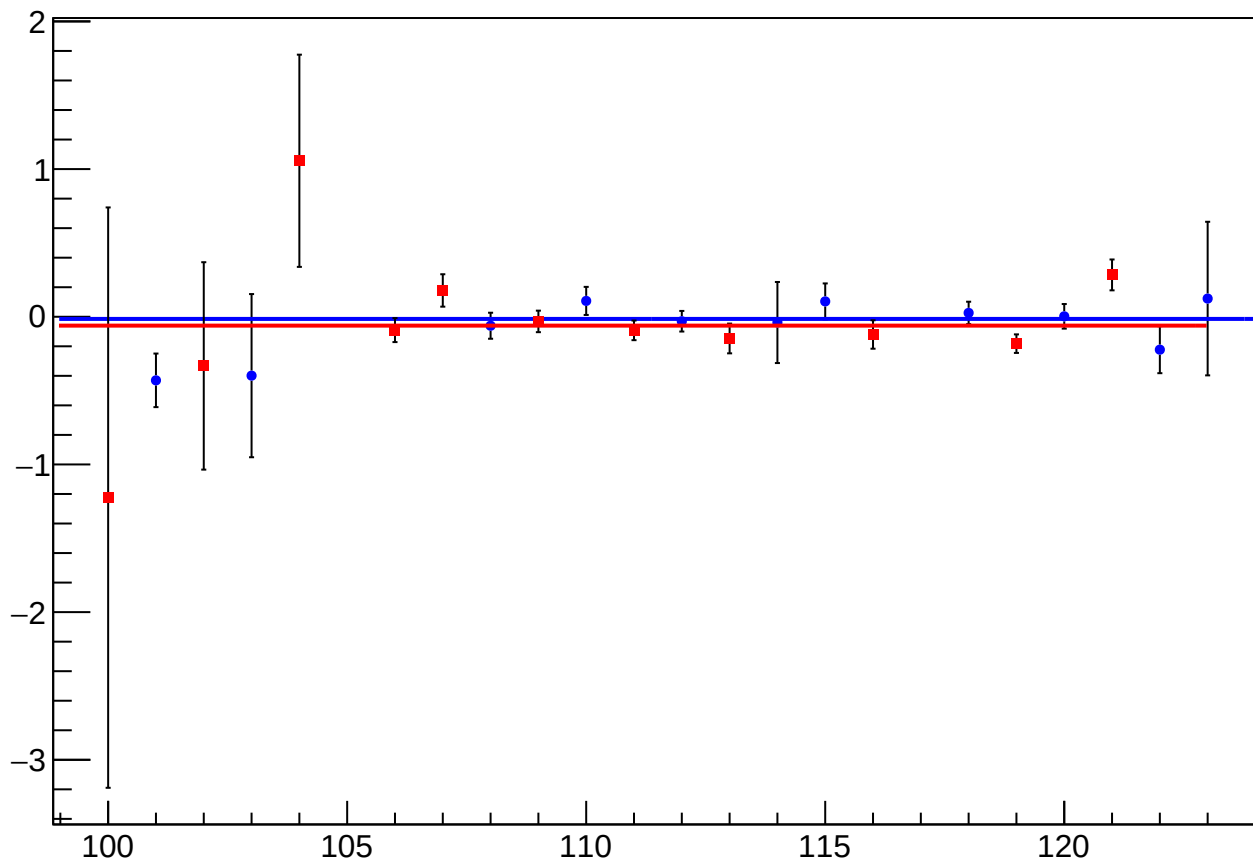
Right: 0.000+/-0.000 χ^2/NDF : 1519520.3/21

In: 0.000+/-0.000 χ^2/NDF : 565910.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1519520.3/21

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.015+/-0.033 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-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

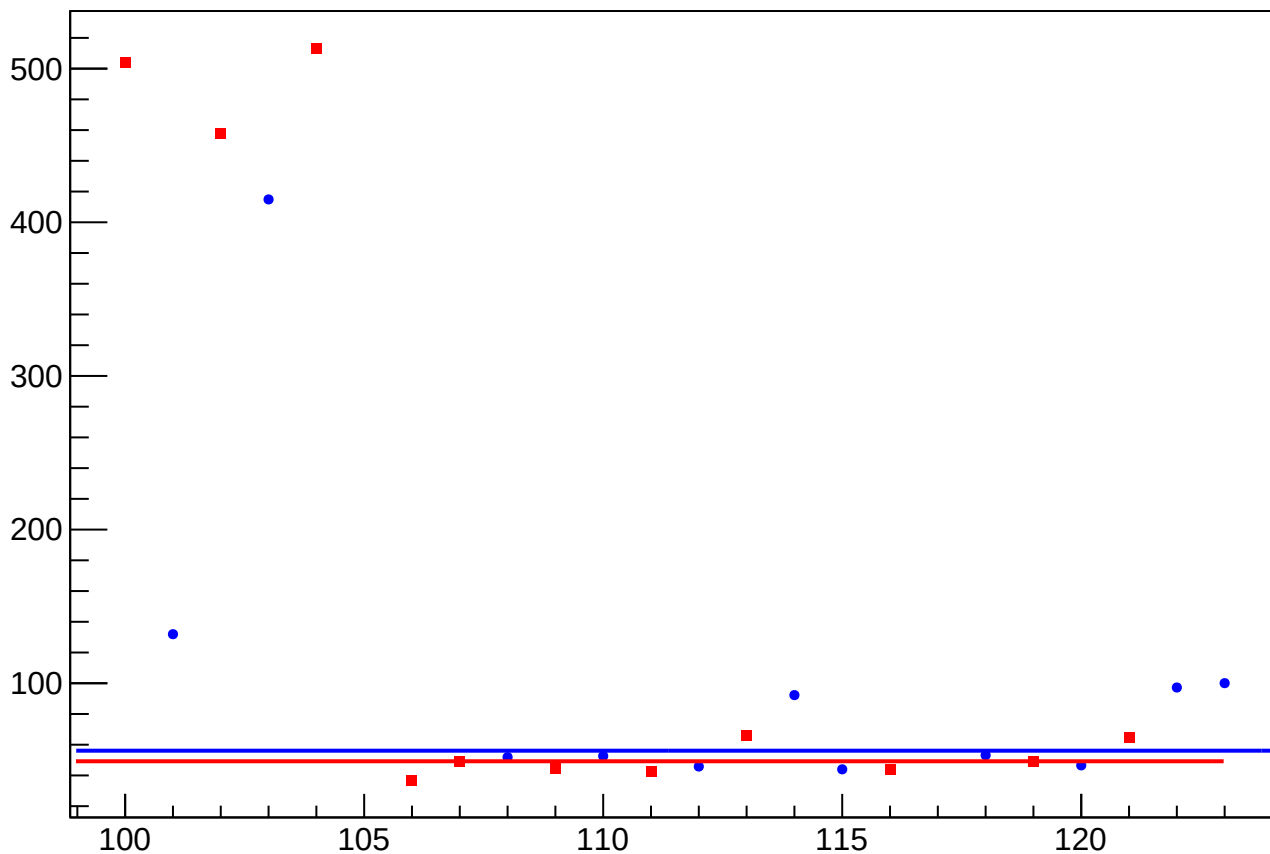
Right: -0.040+/-0.022 χ^2/NDF : 35.7/21

In: -0.015+/-0.033 χ^2/NDF :10.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.040+/-0.022 χ^2/NDF : 35.7/21

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.109+/-0.023 χ^2/NDF : 1475337.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.226+/-0.020 χ^2/NDF : 1801618.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

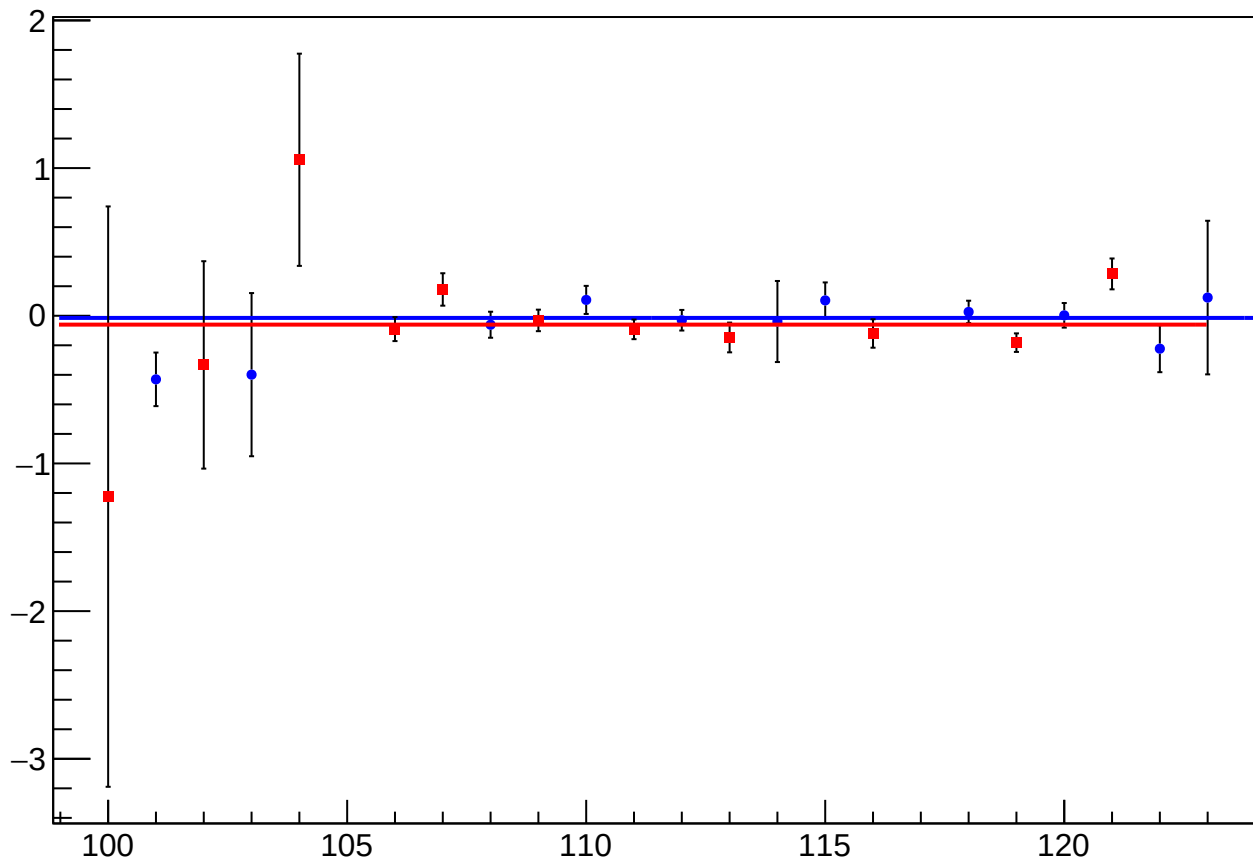
Right: 52.207+/-0.015 χ^2/NDF : 3326418.5/21

In: 56.109+/-0.023 χ^2/NDF : 1475337.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.207+/-0.015 χ^2/NDF : 3326418.5/21

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.033 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-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

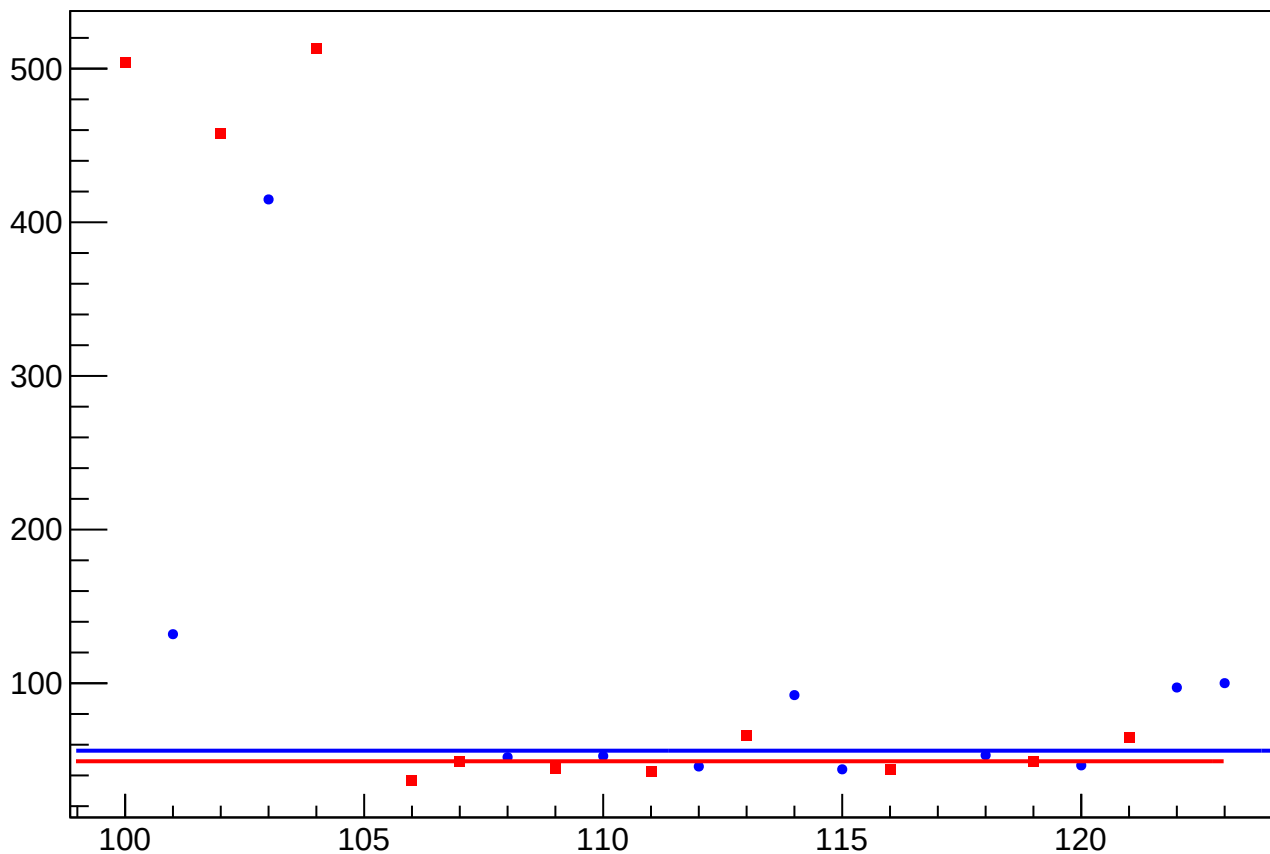
Right: -0.040+/-0.022 χ^2/NDF : 35.7/21

In: -0.015+/-0.033 χ^2/NDF :10.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.040+/-0.022 χ^2/NDF : 35.7/21

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.109+/-0.023 χ^2/NDF : 1475337.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.226+/-0.020 χ^2/NDF : 1801618.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

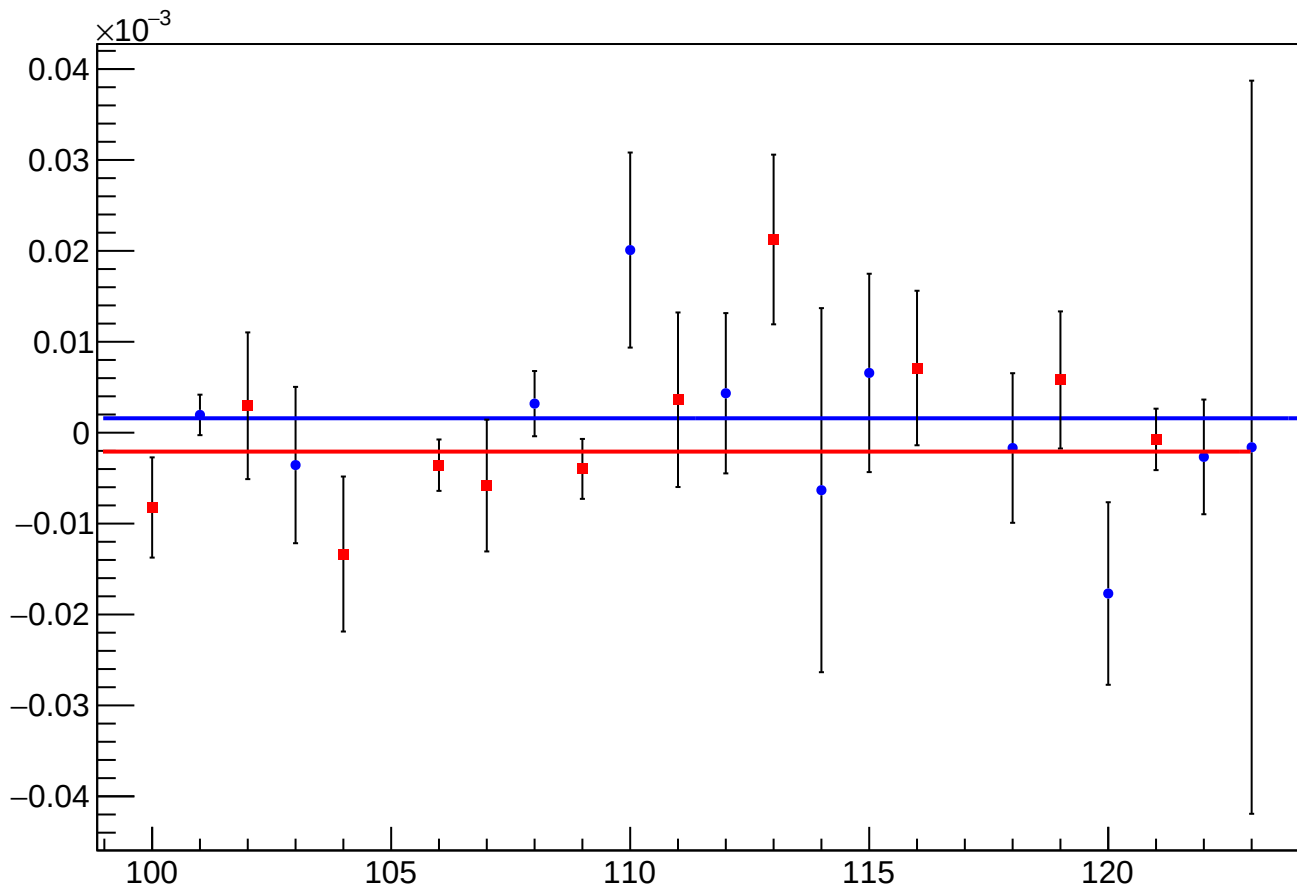
Right: 52.207+/-0.015 χ^2/NDF : 3326418.5/21

In: 56.109+/-0.023 χ^2/NDF : 1475337.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.207+/-0.015 χ^2/NDF : 3326418.5/21

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

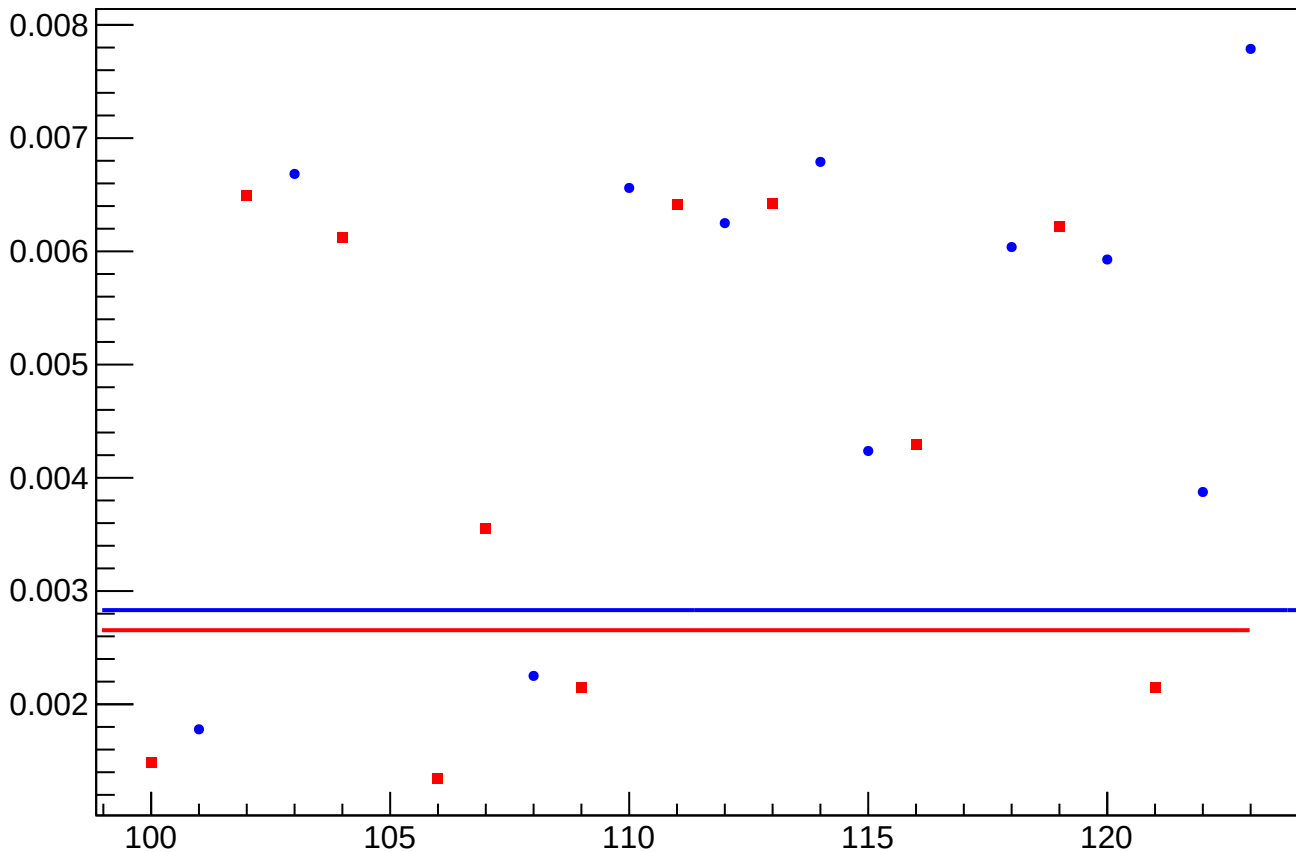
Right: -0.000+/-0.000 χ^2/NDF : 24.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.3/21

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2133213.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2580054.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

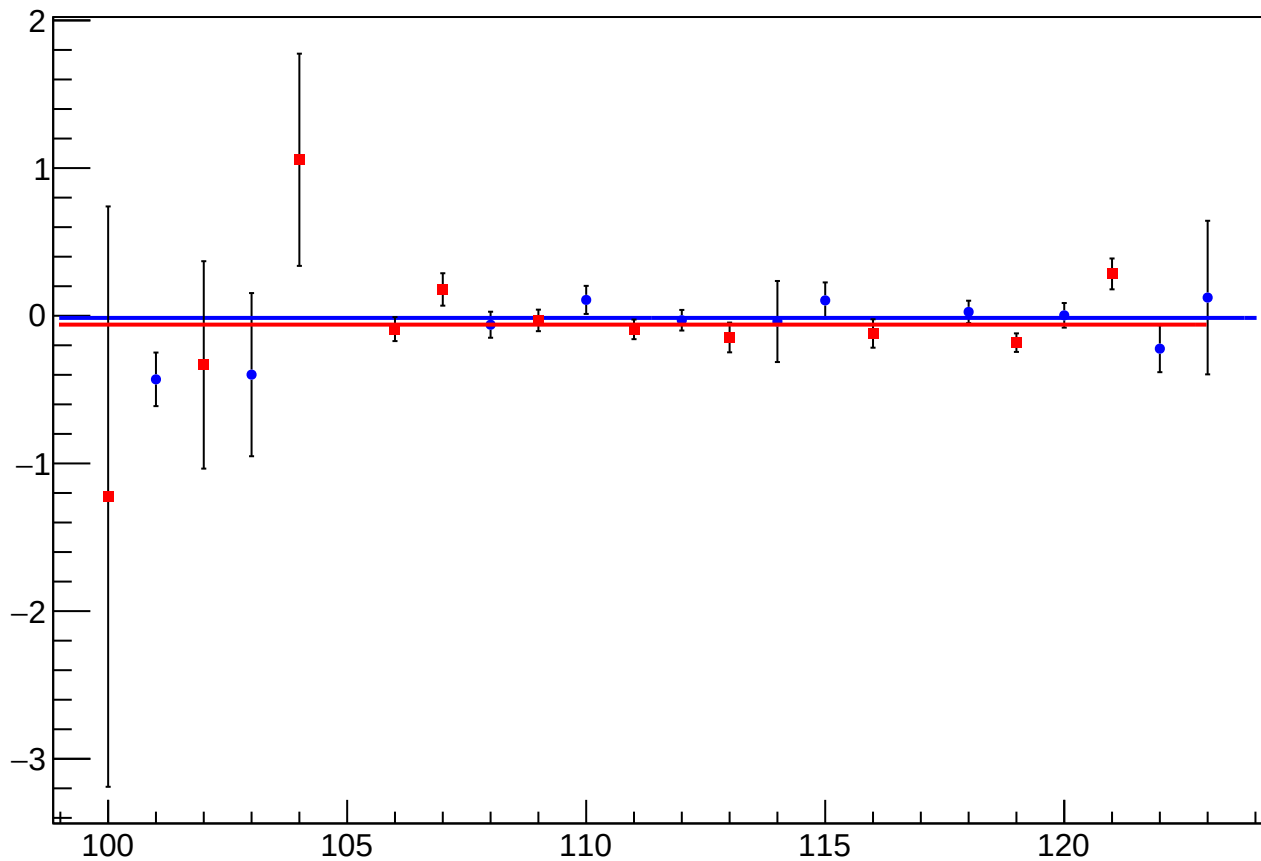
Right: 0.003+/-0.000 χ^2/NDF : 4726021.0/21

In: 0.003+/-0.000 χ^2/NDF : 2133213.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4726021.0/21

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.033 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-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

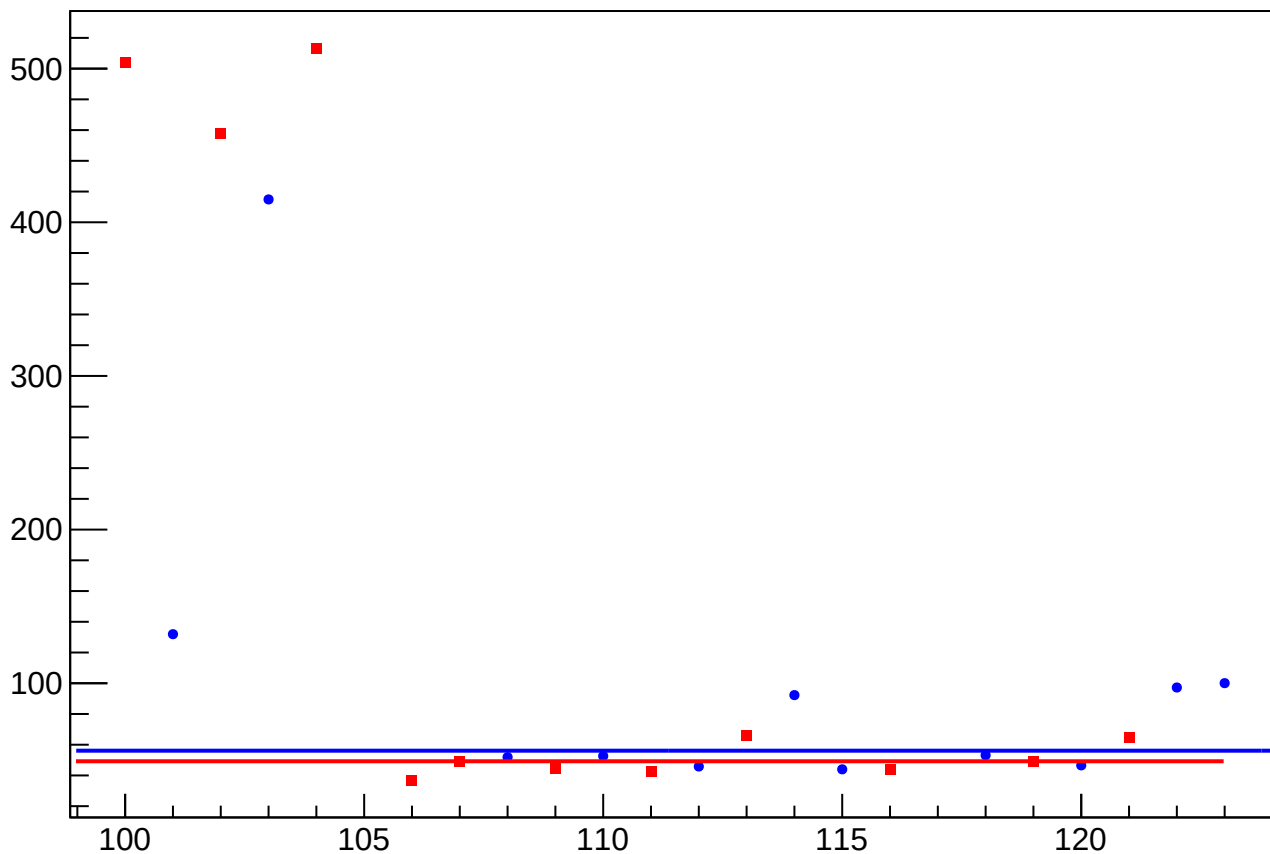
Right: -0.040+/-0.022 χ^2/NDF : 35.7/21

In: -0.015+/-0.033 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-0.022 χ^2/NDF : 35.7/21

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.110+/-0.023 χ^2/NDF : 1475313.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.226+/-0.020 χ^2/NDF : 1801585.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

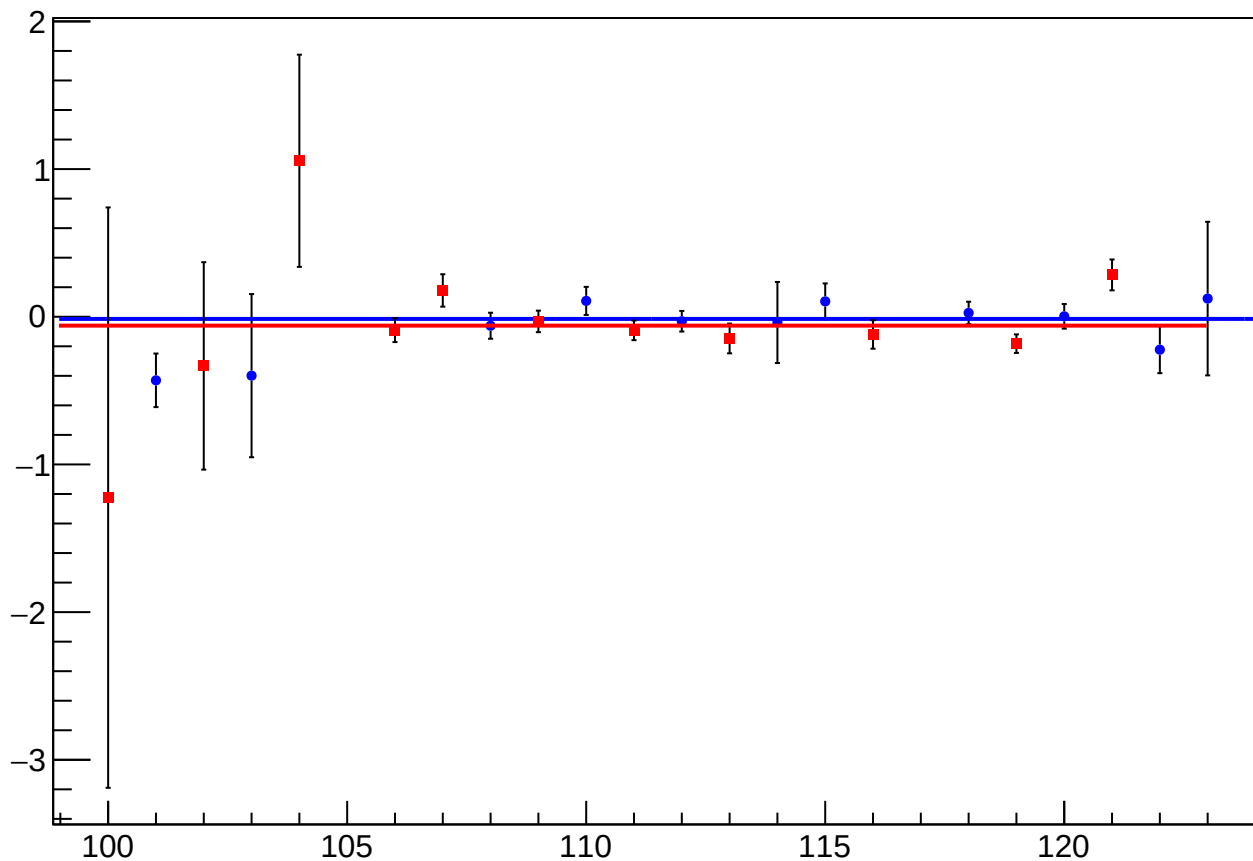
Right: 52.207+/-0.015 χ^2/NDF : 3326373.8/21

In: 56.110+/-0.023 χ^2/NDF : 1475313.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.207+/-0.015 χ^2/NDF : 3326373.8/21

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.033 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-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

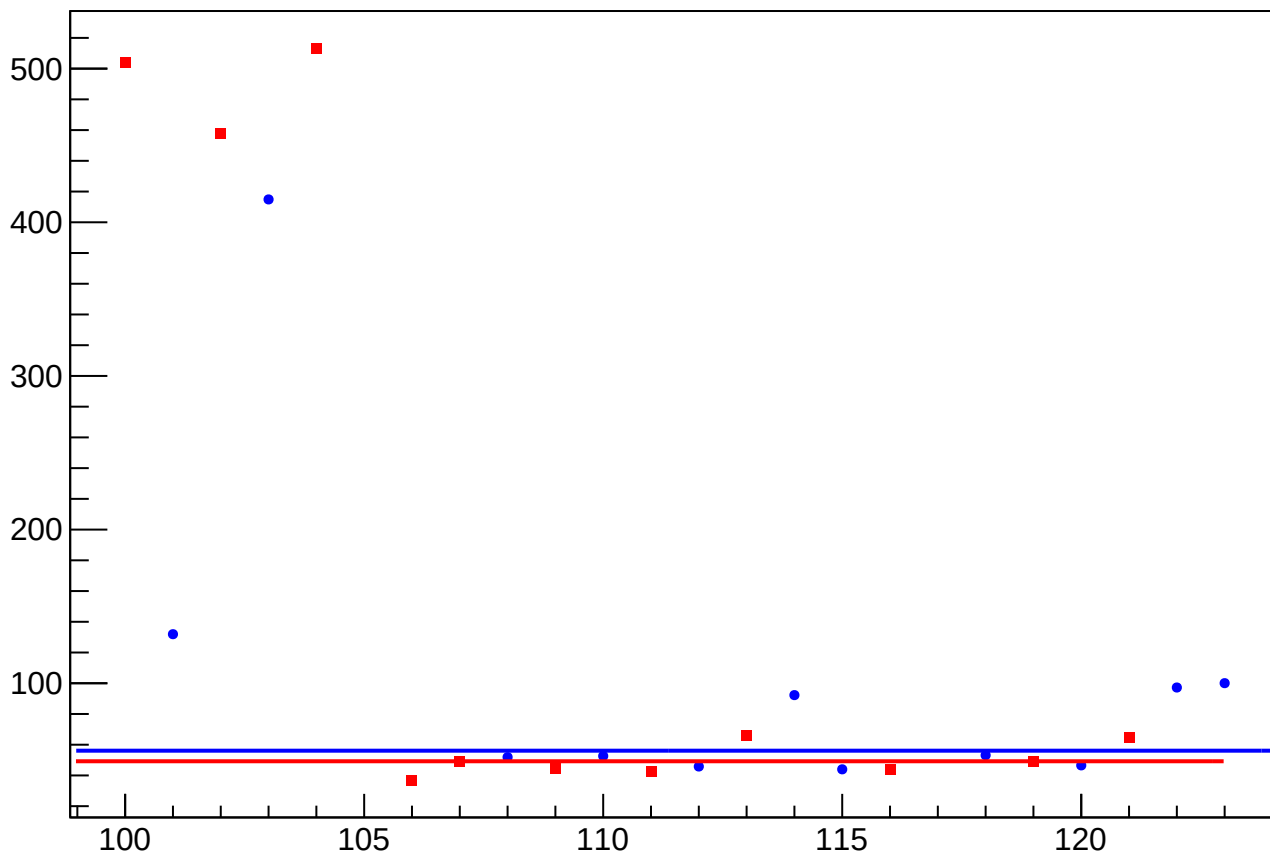
Right: -0.040+/-0.022 χ^2/NDF : 35.7/21

In: -0.015+/-0.033 χ^2/NDF :10.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.040+/-0.022 χ^2/NDF : 35.7/21

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.110+/-0.023 χ^2/NDF : 1475313.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.226+/-0.020 χ^2/NDF : 1801585.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

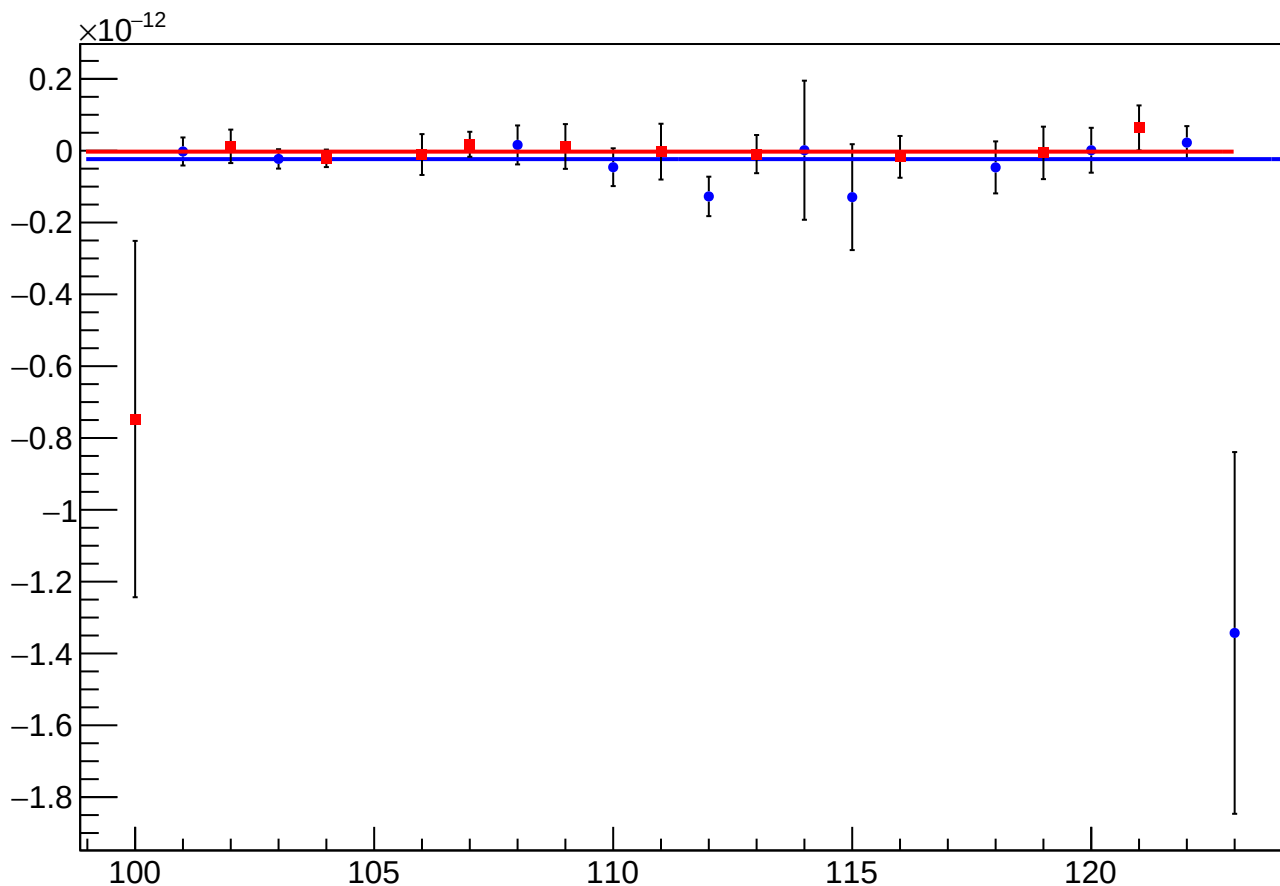
Right: 52.207+/-0.015 χ^2/NDF : 3326373.8/21

In: 56.110+/-0.023 χ^2/NDF : 1475313.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.207+/-0.015 χ^2/NDF : 3326373.8/21

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

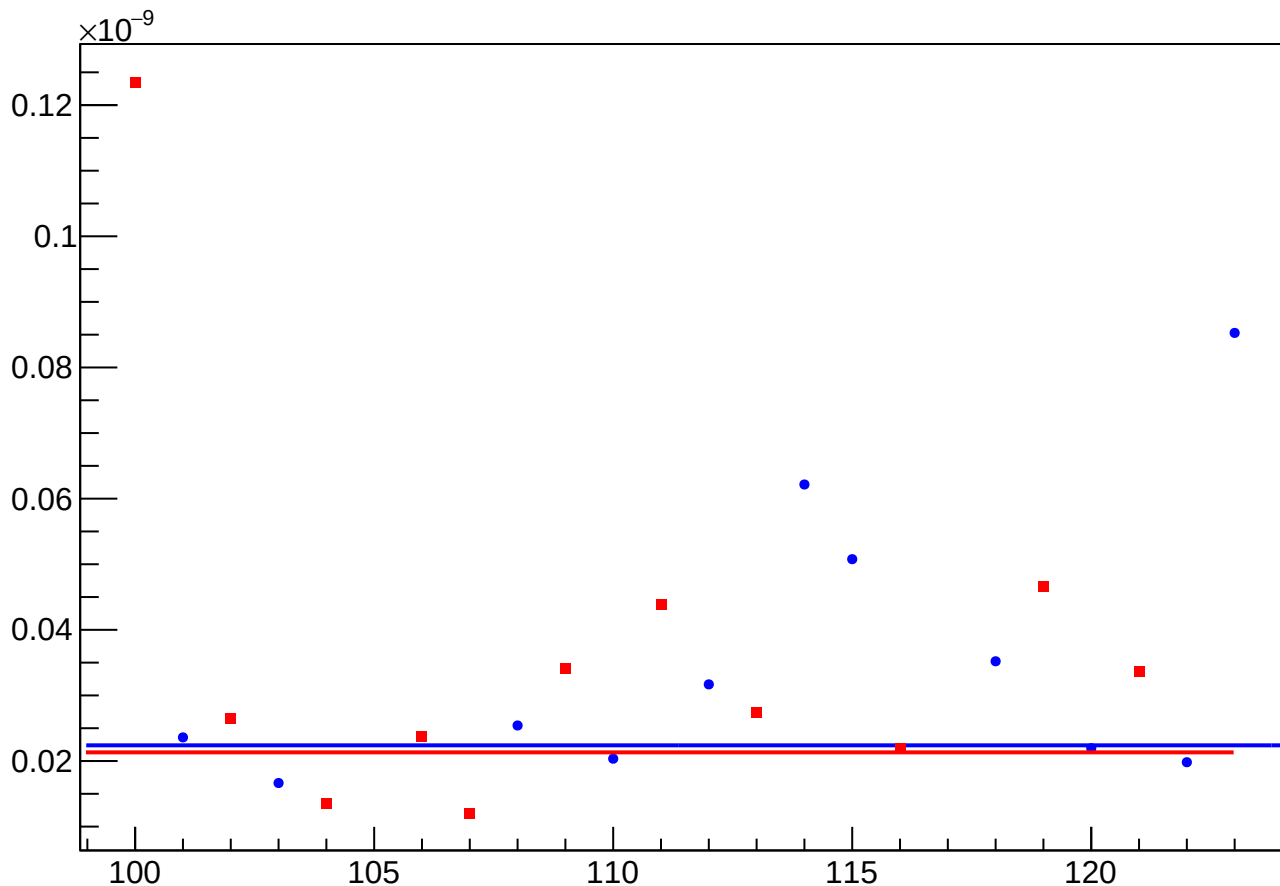
Right: -0.000+/-0.000 χ^2/NDF : 18.7/21

In: -0.000+/-0.000 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.7/21

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 417731.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1056394.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

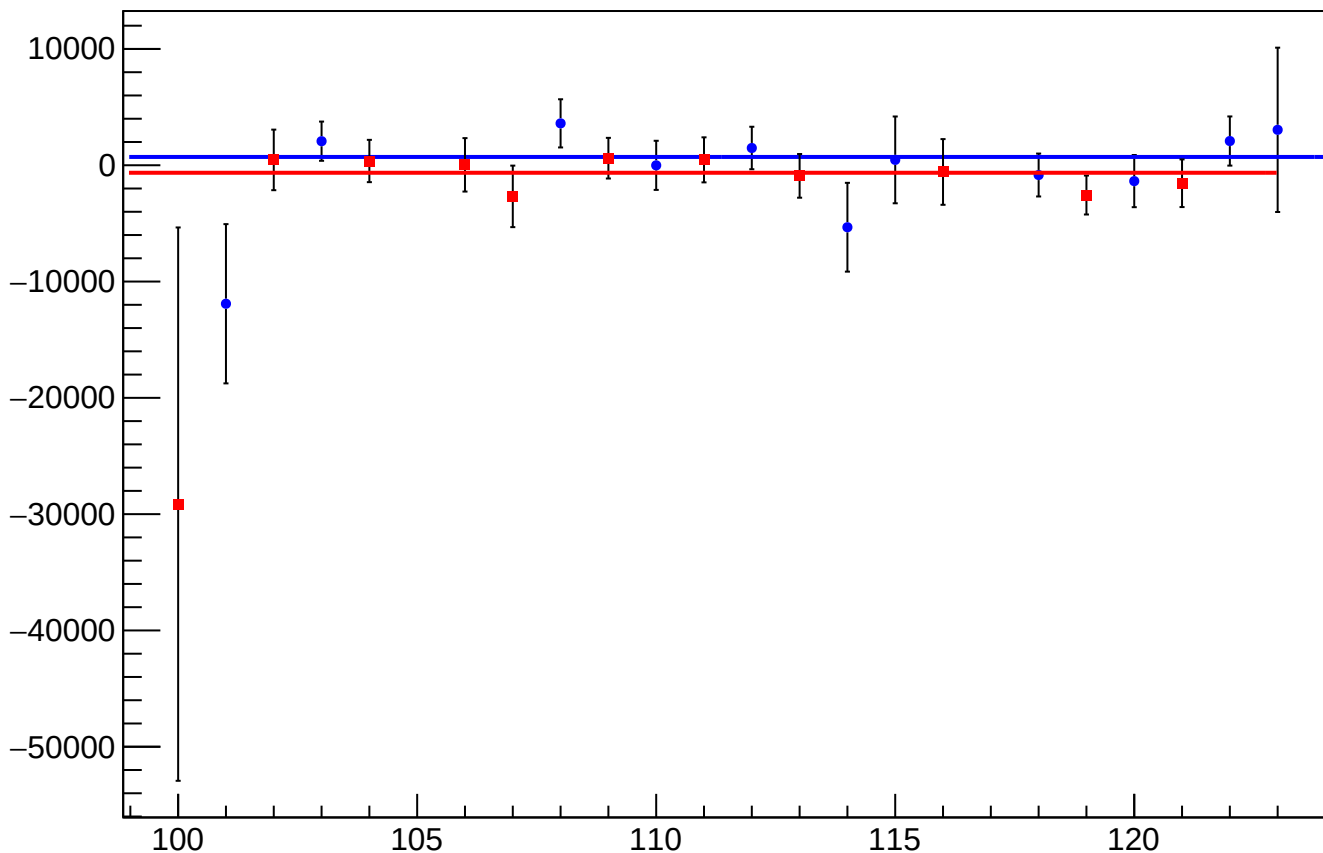
Right: 0.000+/-0.000 χ^2/NDF : 1479181.7/21

In: 0.000+/-0.000 χ^2/NDF : 417731.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1479181.7/21

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 714.239+/-705.846 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -645.926+/-647.992 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

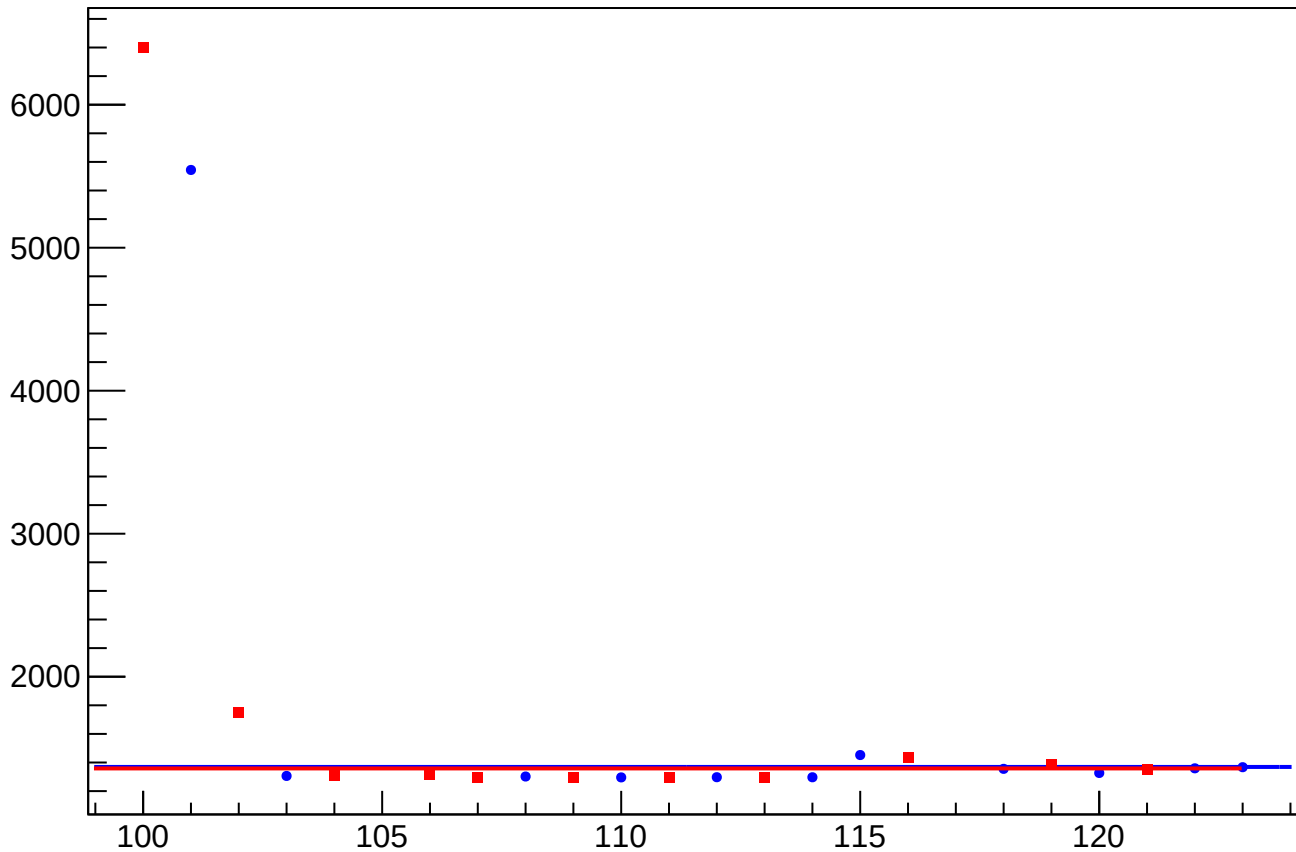
Right: -23.862+/-477.344 χ^2/NDF : 17.9/21

In: 714.239+/-705.846 χ^2/NDF :10.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.862+/-477.344 χ^2/NDF : 17.9/21

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.014+/-0.499 χ^2/NDF : 756441.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.602+/-0.458 χ^2/NDF : 147147.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

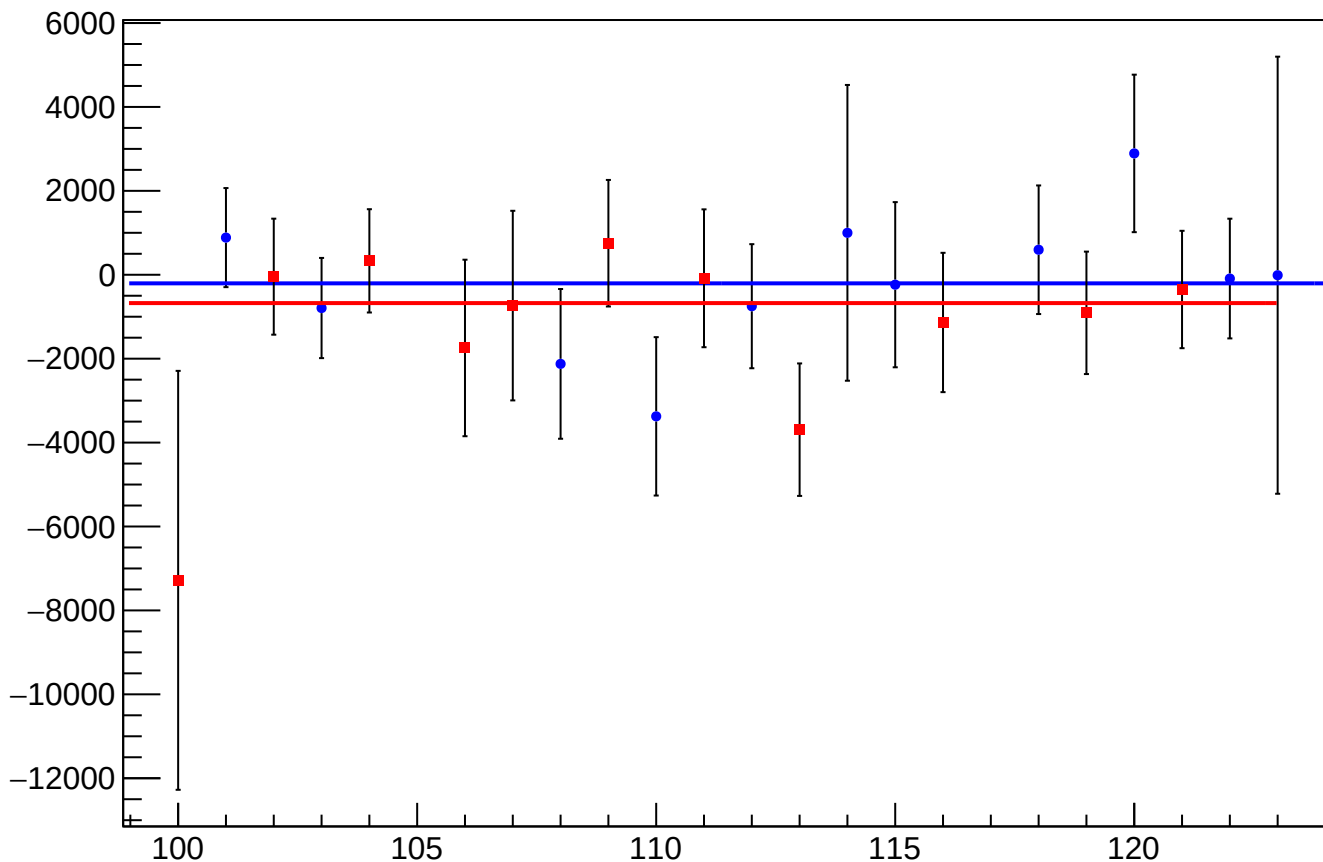
Right: 1363.364+/-0.338 χ^2/NDF : 903824.4/21

In: 1369.014+/-0.499 χ^2/NDF : 756441.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.364+/-0.338 χ^2/NDF : 903824.4/21

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -204.741 ± 497.092 χ^2/NDF : 8.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -675.172 ± 487.957 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

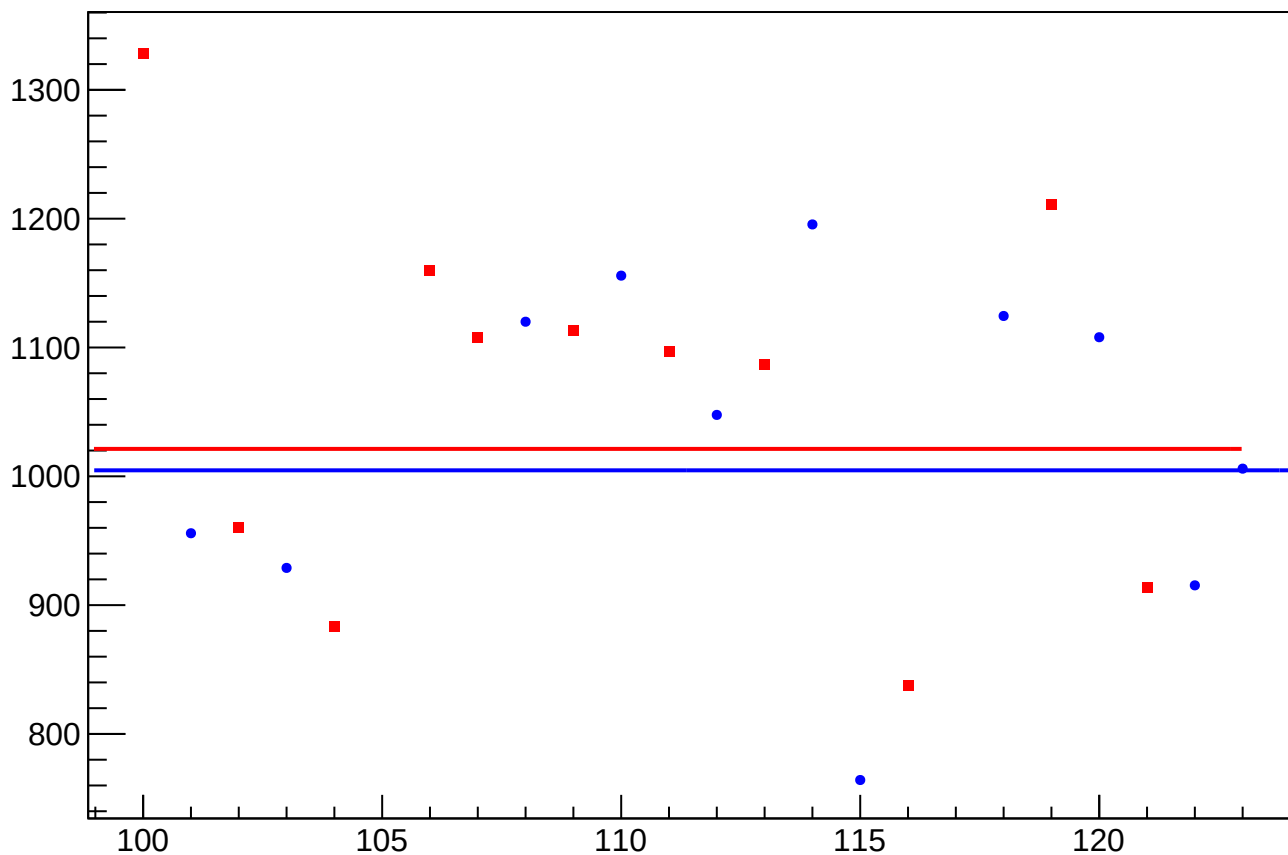
Right: -444.319 ± 348.223 χ^2/NDF : 16.5/21

In: -204.741 ± 497.092 χ^2/NDF : 8.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -444.319 ± 348.223 χ^2/NDF : 16.5/21

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1004.649+/-0.351 χ^2/NDF : 96158.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1021.286+/-0.345 χ^2/NDF : 133210.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

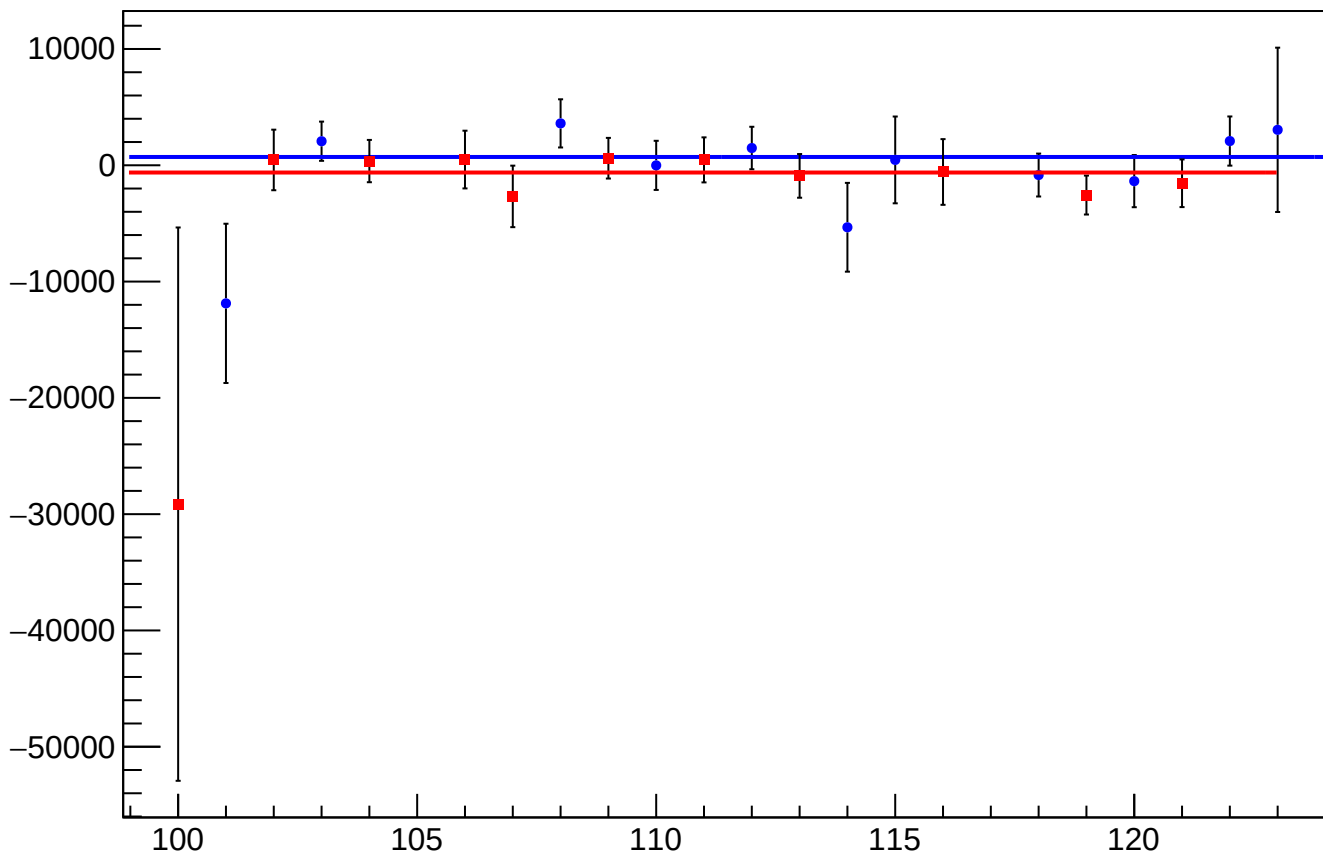
Right: 1013.122+/-0.246 χ^2/NDF : 230509.8/21

In: 1004.649+/-0.351 χ^2/NDF : 96158.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.122+/-0.246 χ^2/NDF : 230509.8/21

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 714.689+/-705.846 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -622.886+/-651.705 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

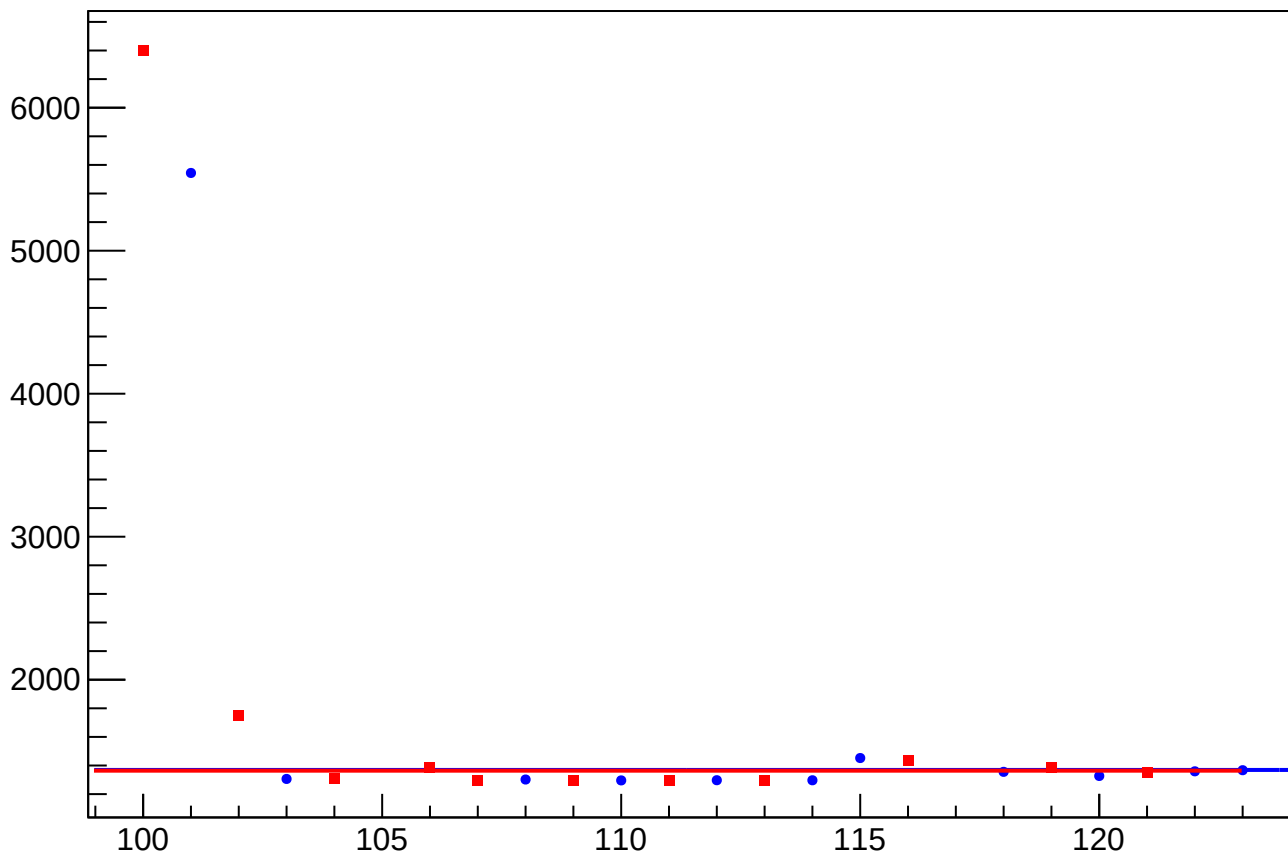
Right: -7.358+/-478.823 χ^2/NDF : 17.9/21

In: 714.689+/-705.846 χ^2/NDF : 10.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.358+/-478.823 χ^2/NDF : 17.9/21

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.014+/-0.499 χ^2/NDF : 756440.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.938+/-0.461 χ^2/NDF : 146650.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

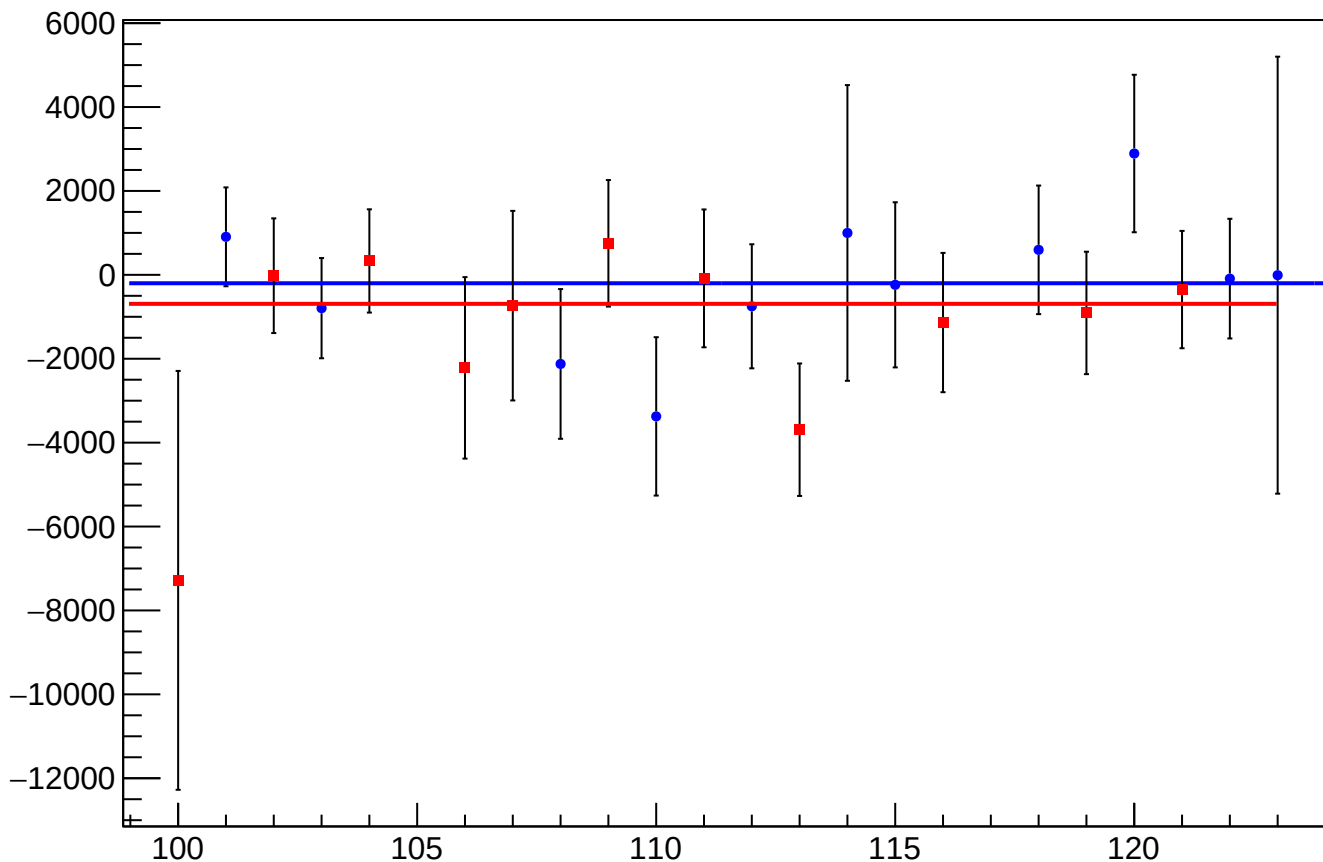
Right: 1366.274+/-0.339 χ^2/NDF : 903146.4/21

In: 1369.014+/-0.499 χ^2/NDF : 756440.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.274+/-0.339 χ^2/NDF : 903146.4/21

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -200.528+/-496.910 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -691.205+/-487.974 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

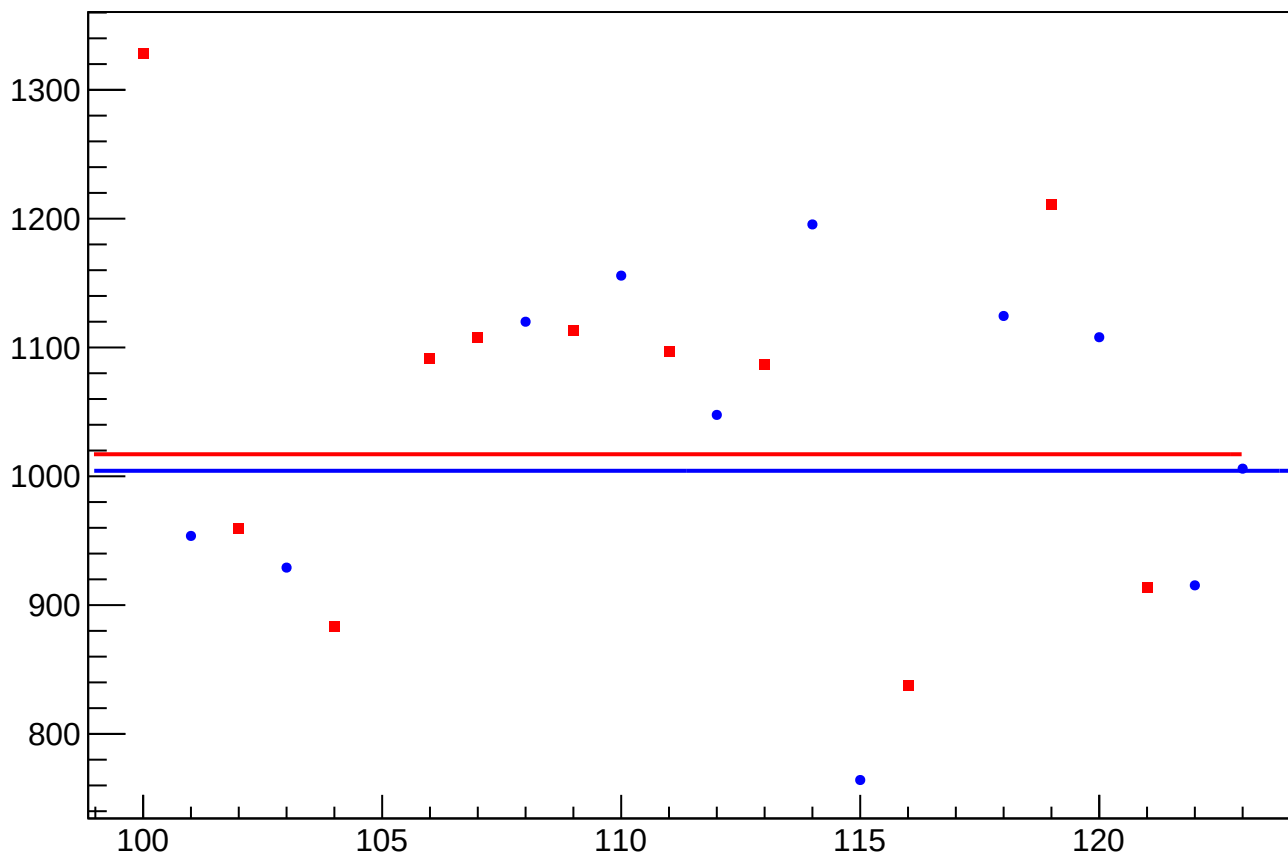
Right: -450.318+/-348.166 χ^2/NDF : 16.9/21

In: -200.528+/-496.910 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -450.318+/-348.166 χ^2/NDF : 16.9/21

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1004.273+/-0.351 χ^2/NDF : 96435.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1017.114+/-0.345 χ^2/NDF : 126753.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

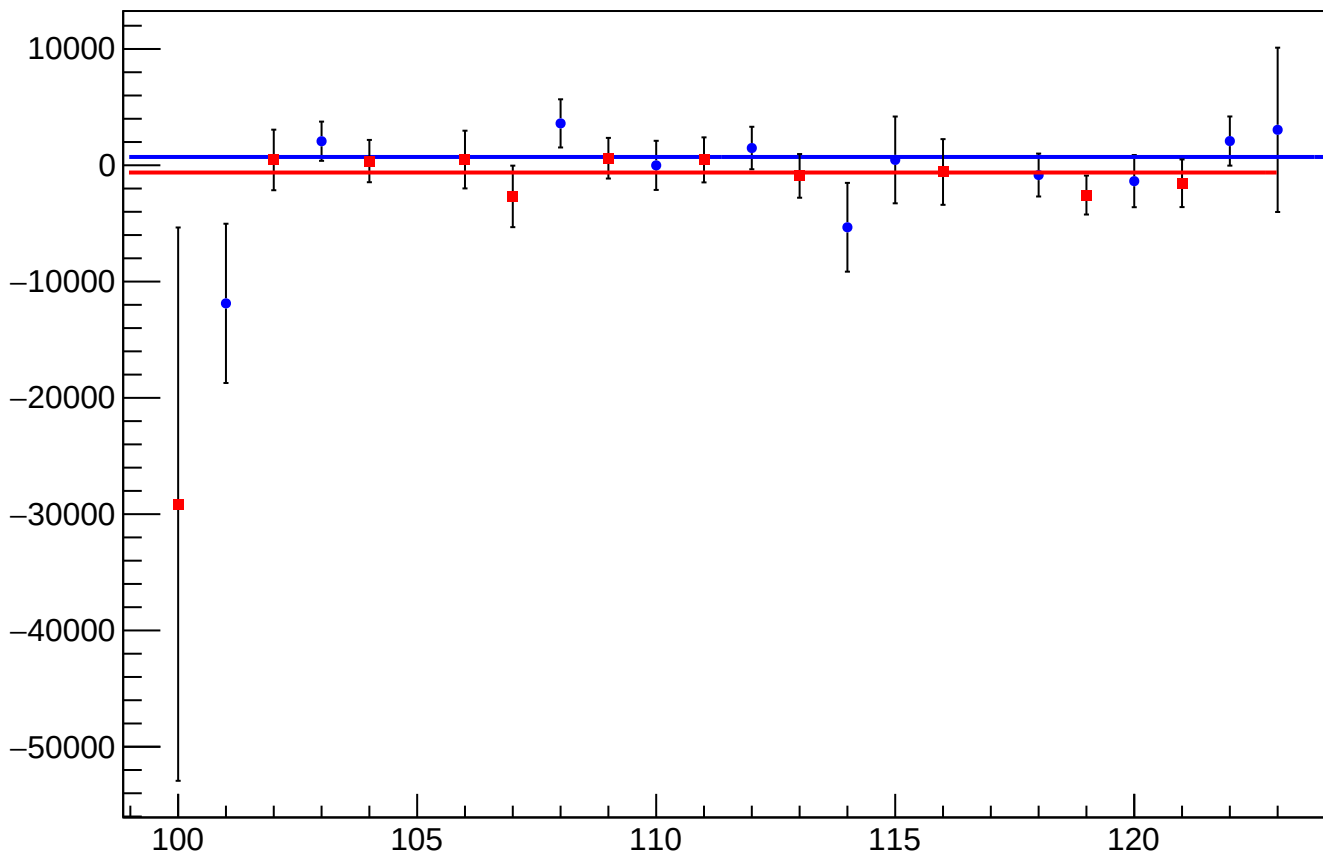
Right: 1010.810+/-0.246 χ^2/NDF : 223869.4/21

In: 1004.273+/-0.351 χ^2/NDF : 96435.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.810+/-0.246 χ^2/NDF : 223869.4/21

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 714.689+/-705.846 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -622.886+/-651.705 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

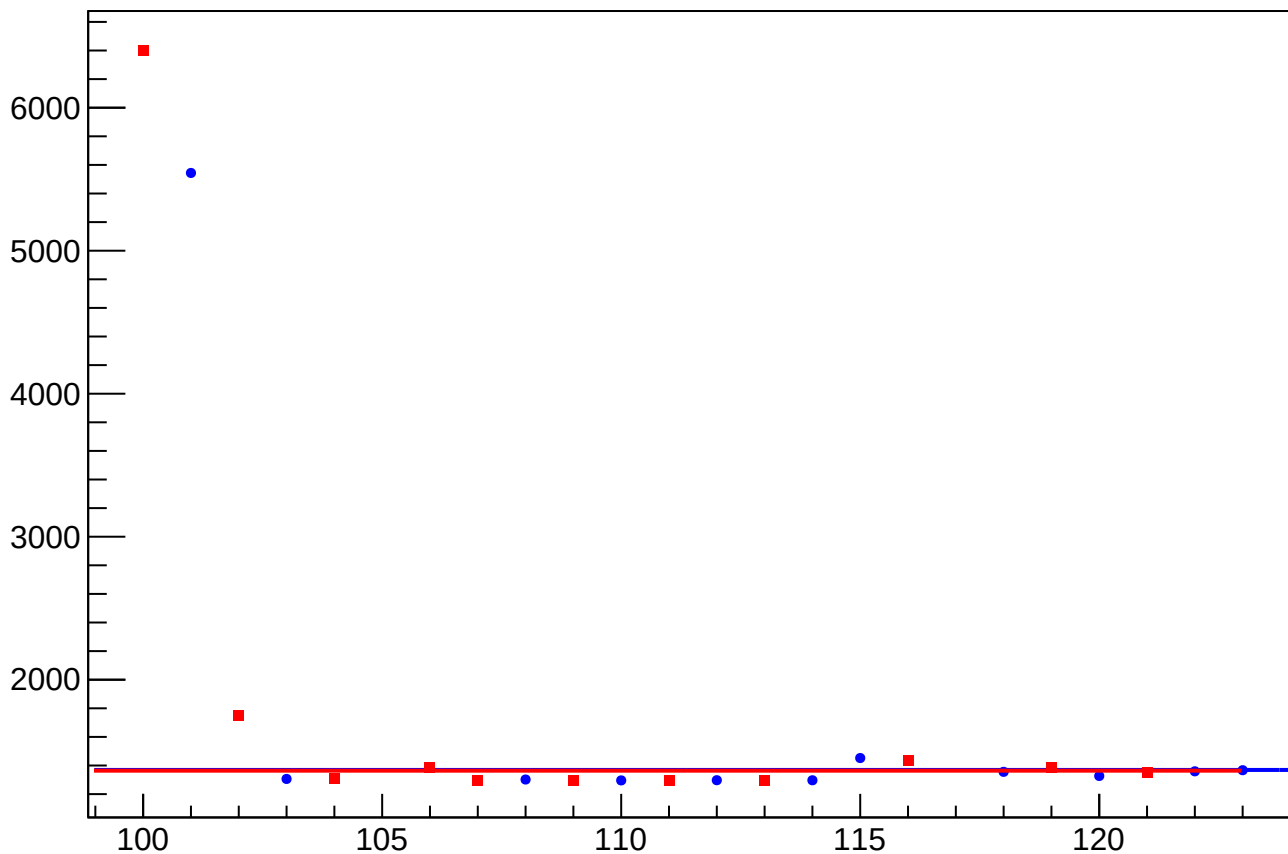
Right: -7.358+/-478.823 χ^2/NDF : 17.9/21

In: 714.689+/-705.846 χ^2/NDF : 10.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.358+/-478.823 χ^2/NDF : 17.9/21

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.014+/-0.499 χ^2/NDF : 756440.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.938+/-0.461 χ^2/NDF : 146650.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

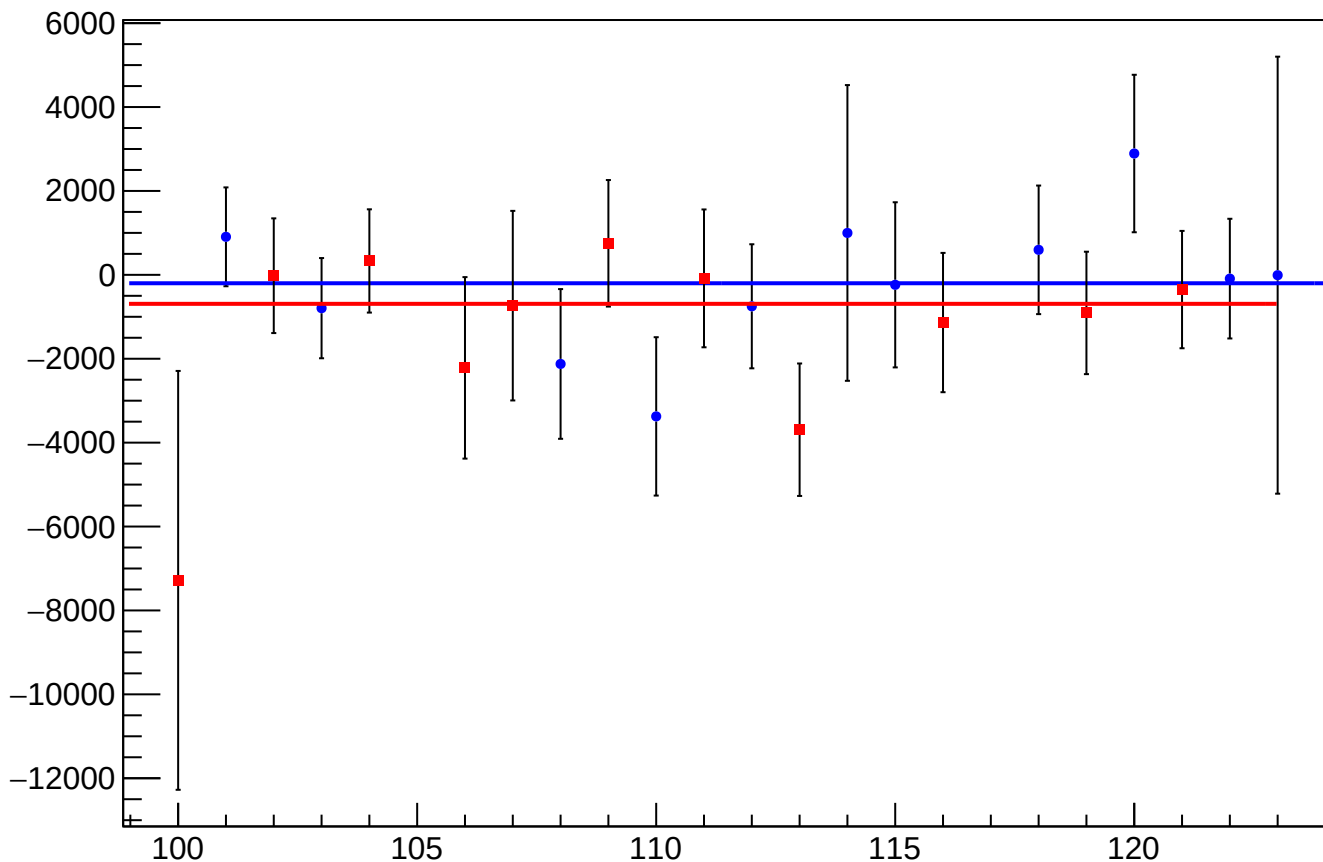
Right: 1366.274+/-0.339 χ^2/NDF : 903146.4/21

In: 1369.014+/-0.499 χ^2/NDF : 756440.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.274+/-0.339 χ^2/NDF : 903146.4/21

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -200.528+/-496.910 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -691.205+/-487.974 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

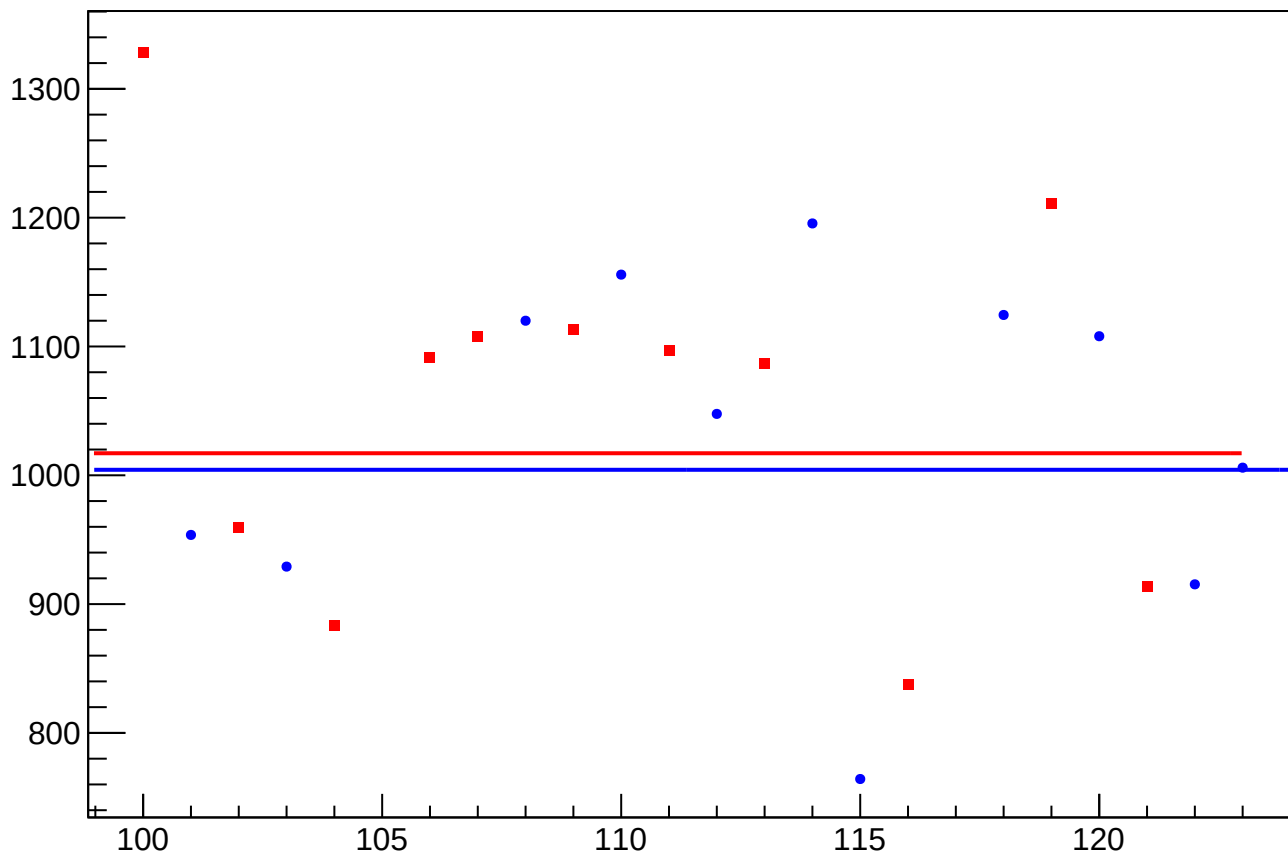
Right: -450.318+/-348.166 χ^2/NDF : 16.9/21

In: -200.528+/-496.910 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -450.318+/-348.166 χ^2/NDF : 16.9/21

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1004.273+/-0.351 χ^2/NDF : 96435.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1017.114+/-0.345 χ^2/NDF : 126753.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

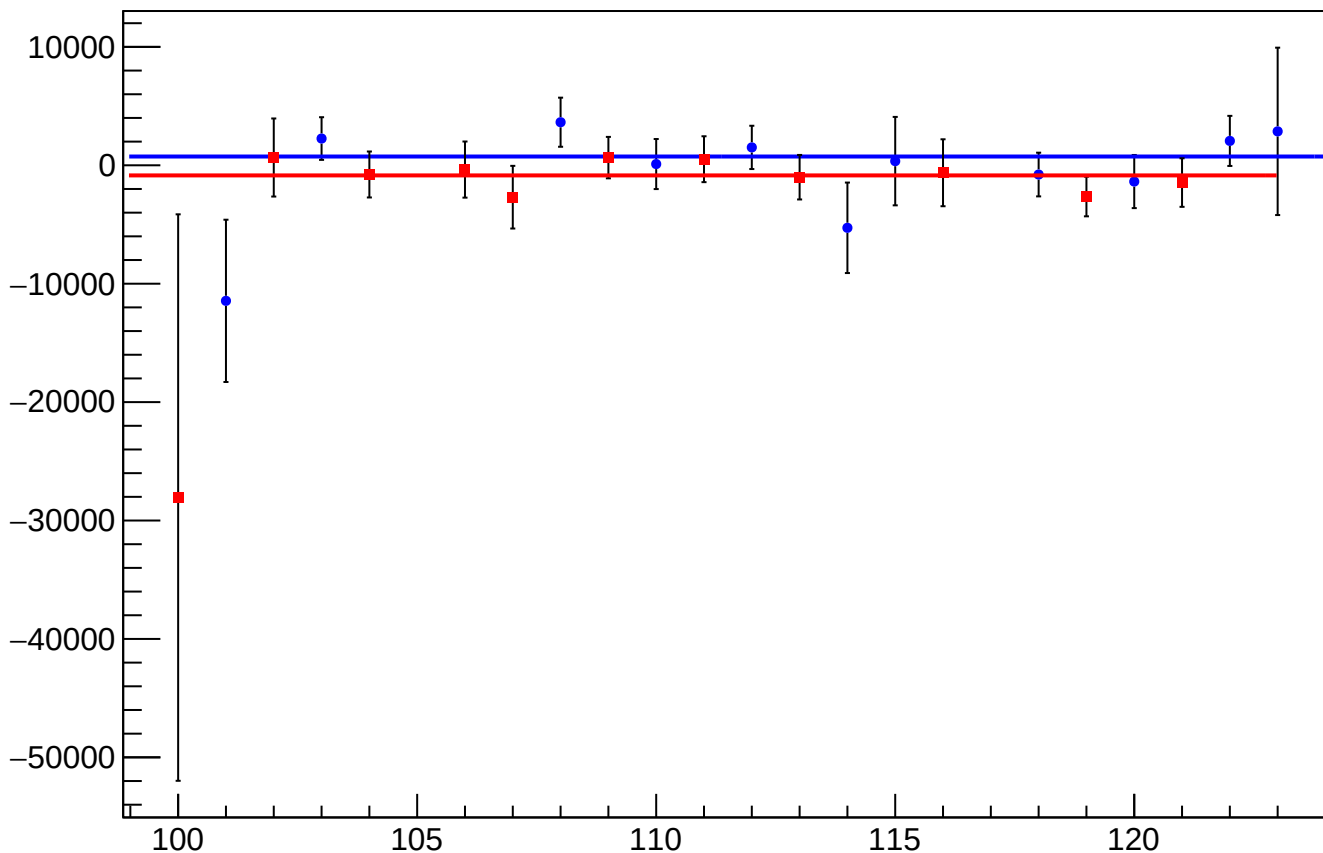
Right: 1010.810+/-0.246 χ^2/NDF : 223869.4/21

In: 1004.273+/-0.351 χ^2/NDF : 96435.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.810+/-0.246 χ^2/NDF : 223869.4/21

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 741.603 $\pm$ 714.011 χ^2/NDF : 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -853.987 $\pm$ 662.919 χ^2/NDF : 4.5/10

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

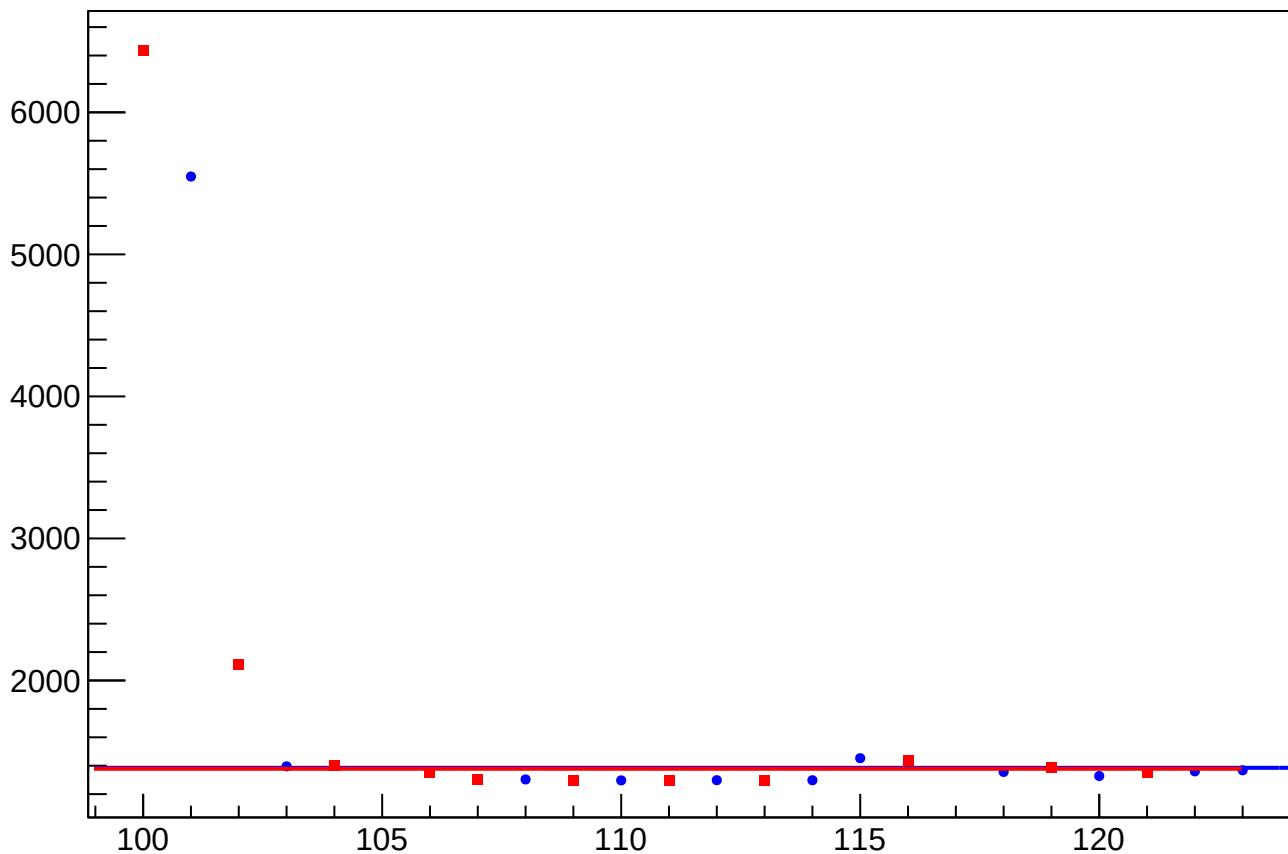
Right: -115.317 $\pm$ 485.814 χ^2/NDF : 17.8/21

In: 741.603 $\pm$ 714.011 χ^2/NDF : 10.6/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -115.317 $\pm$ 485.814 χ^2/NDF : 17.8/21

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1385.163+/-0.505 χ^2/NDF : 753204.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1378.515+/-0.469 χ^2/NDF : 202833.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

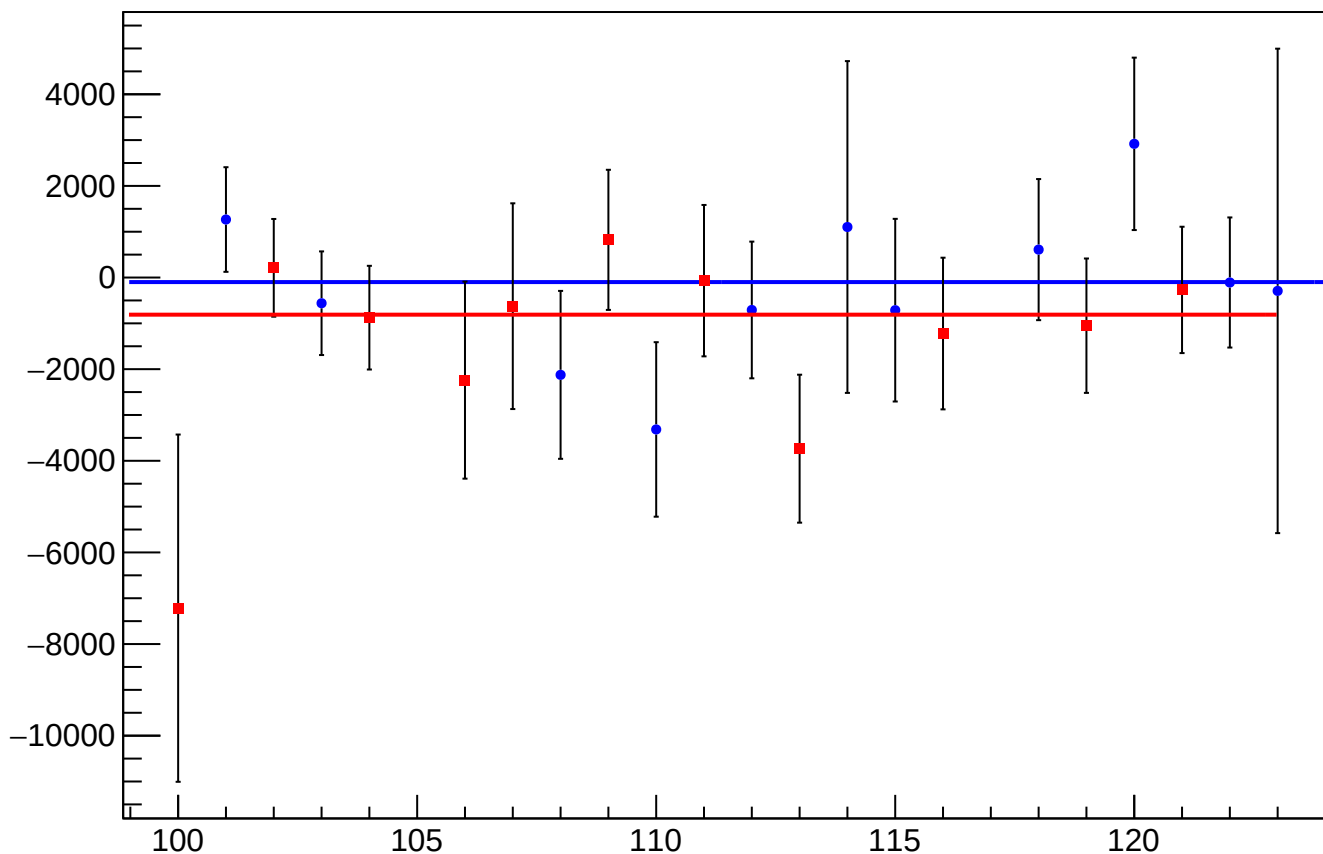
Right: 1381.593+/-0.344 χ^2/NDF : 956131.3/21

In: 1385.163+/-0.505 χ^2/NDF : 753204.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.593+/-0.344 χ^2/NDF : 956131.3/21

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -99.042 $\pm$ 491.759 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -810.463 $\pm$ 462.359 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

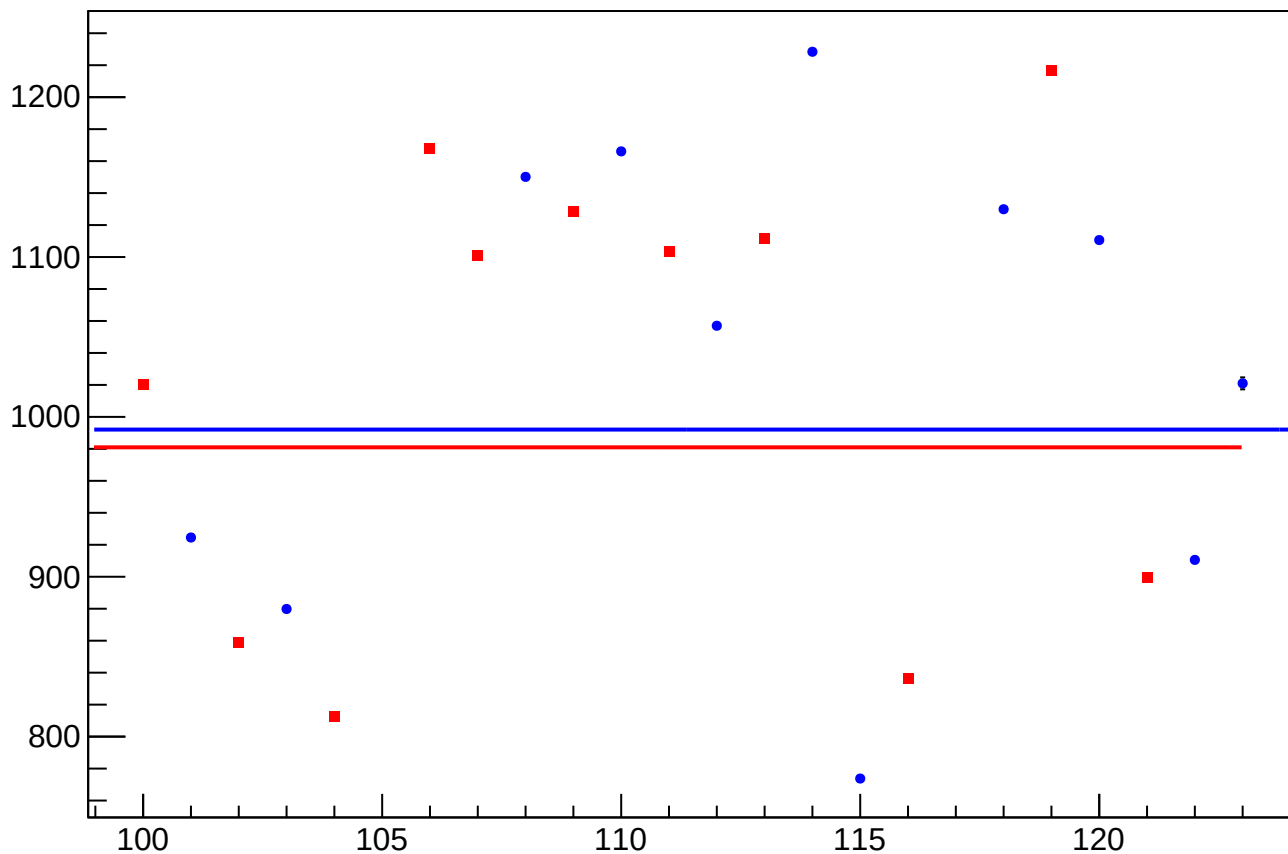
Right: -476.653 $\pm$ 336.852 χ^2 /NDF: 19.0/21

In: -99.042 $\pm$ 491.759 χ^2 /NDF:8.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -476.653 $\pm$ 336.852 χ^2 /NDF: 19.0/21

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 992.070+/-0.348 χ^2/NDF : 125177.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.954+/-0.327 χ^2/NDF : 207936.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

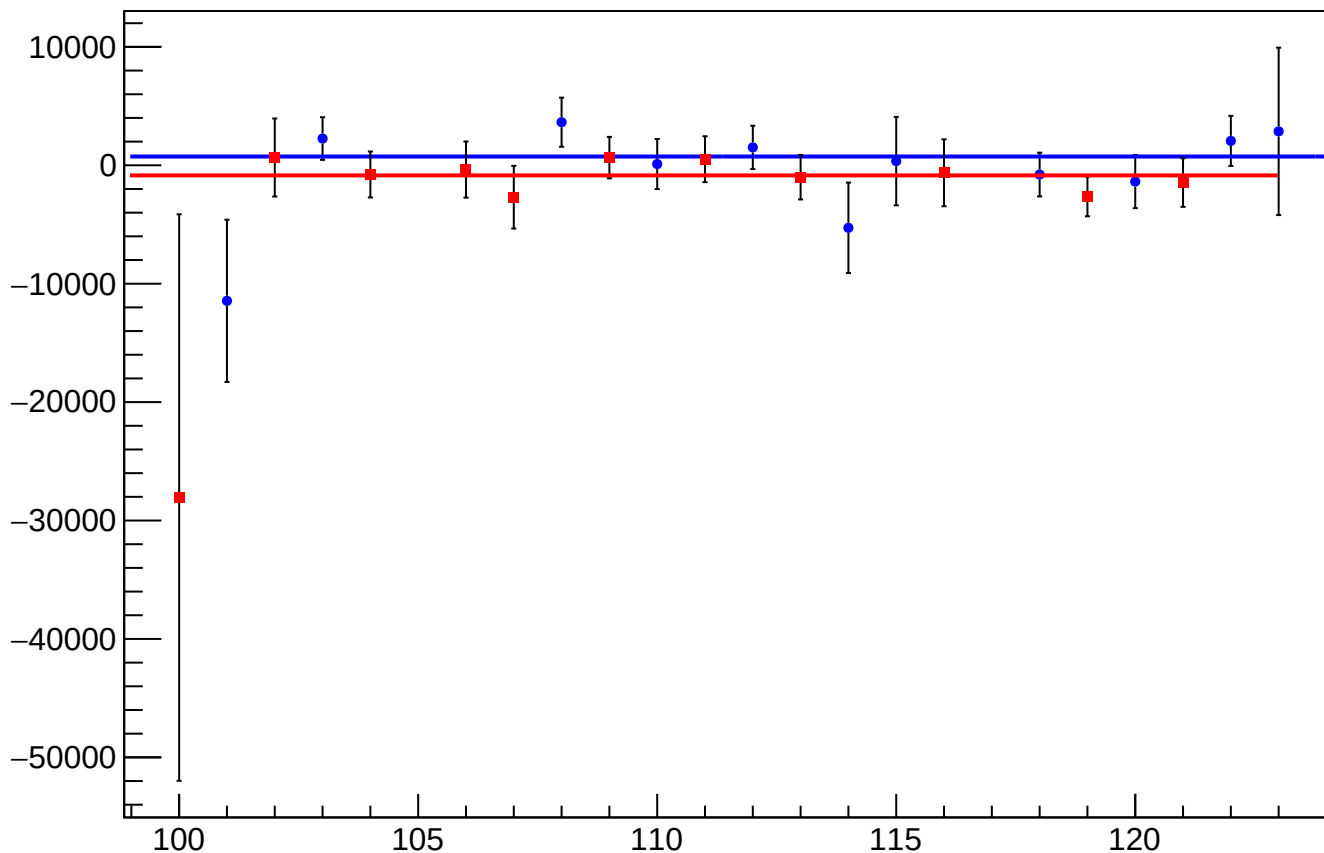
Right: 986.170+/-0.238 χ^2/NDF : 333655.7/21

In: 992.070+/-0.348 χ^2/NDF : 125177.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.170+/-0.238 χ^2/NDF : 333655.7/21

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 741.603+/-714.011 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -853.985+/-662.919 χ^2/NDF : 4.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

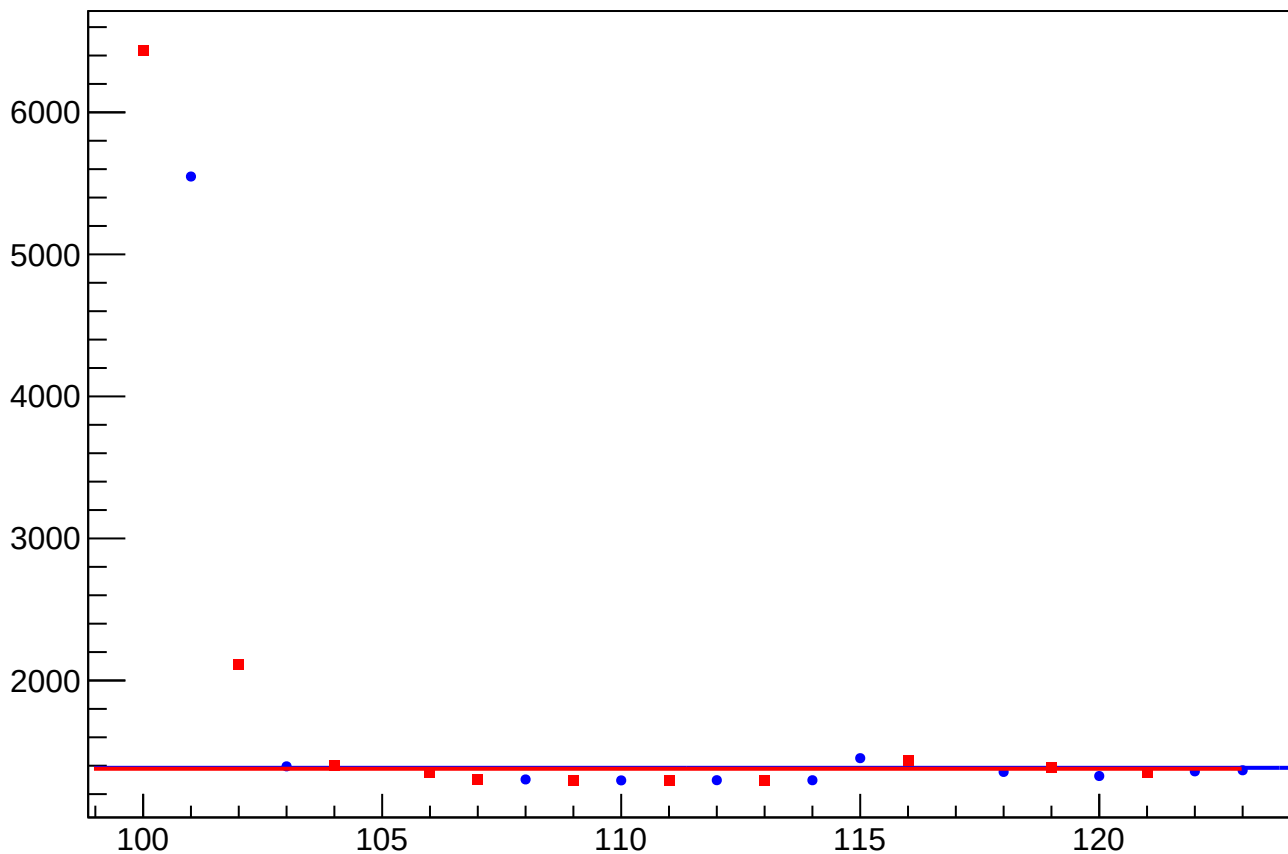
Right: -115.316+/-485.814 χ^2/NDF : 17.8/21

In: 741.603+/-714.011 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.316+/-485.814 χ^2/NDF : 17.8/21

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1385.163+/-0.505 χ^2/NDF : 753204.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1378.515+/-0.469 χ^2/NDF : 202833.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

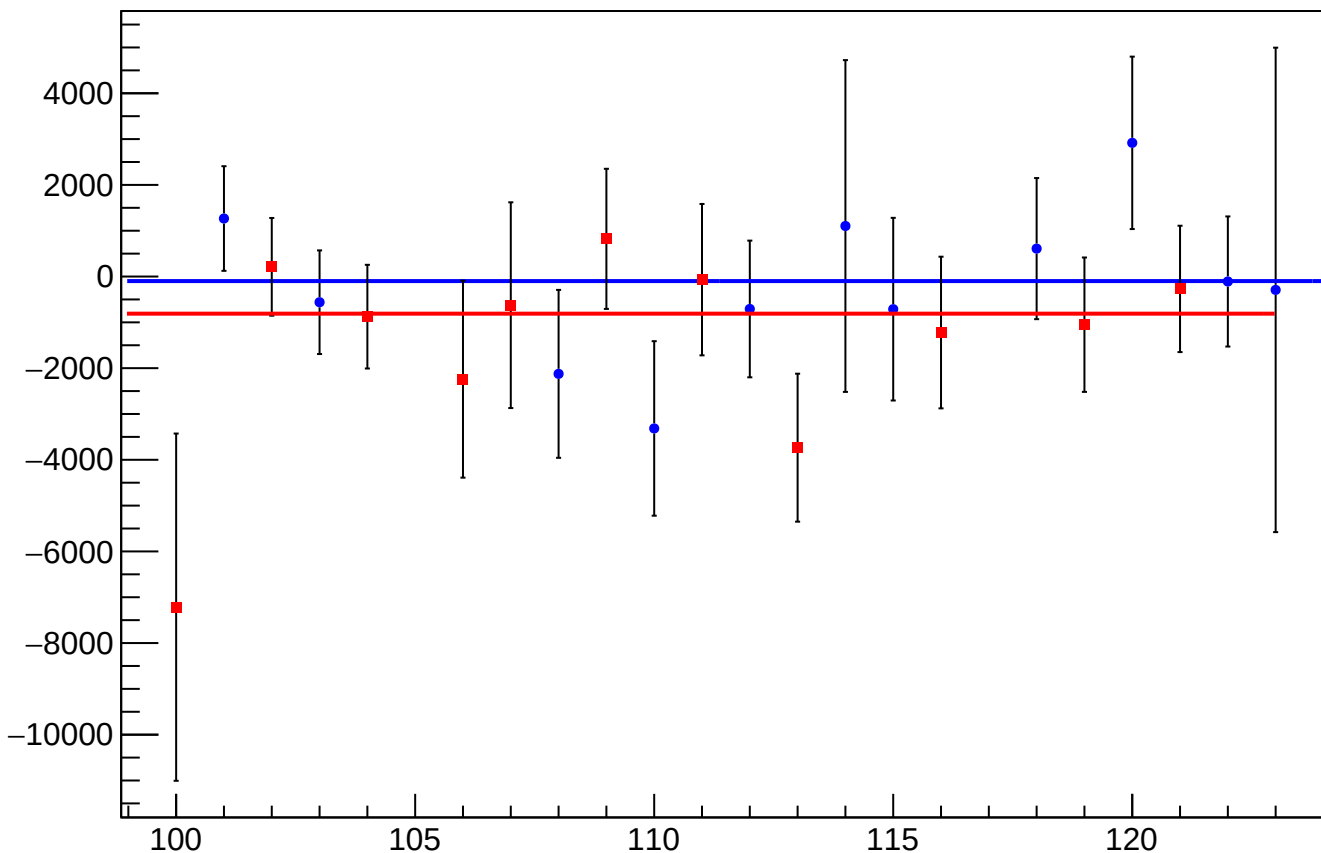
Right: 1381.593+/-0.344 χ^2/NDF : 956131.3/21

In: 1385.163+/-0.505 χ^2/NDF : 753204.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.593+/-0.344 χ^2/NDF : 956131.3/21

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -99.042+/-491.758 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -810.463+/-462.359 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

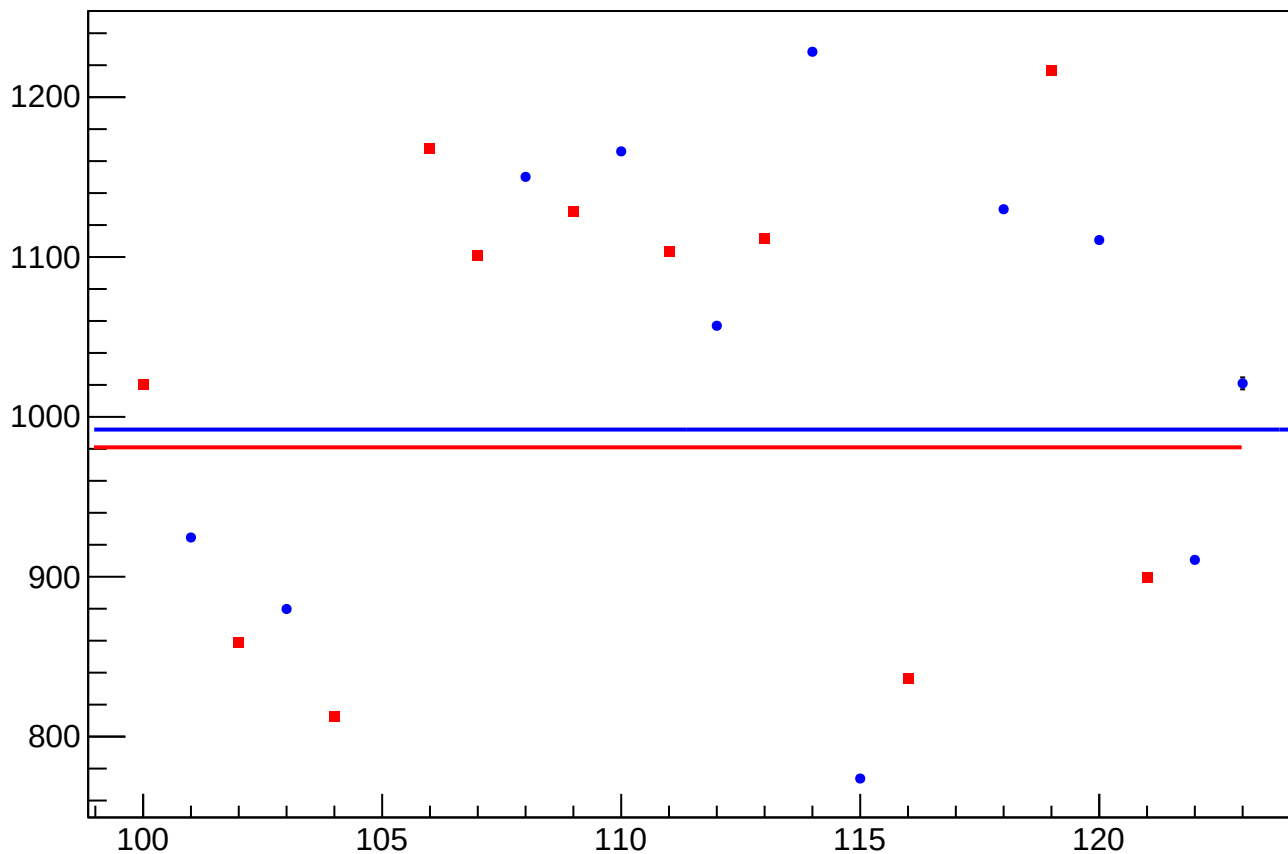
Right: -476.652+/-336.851 χ^2/NDF : 19.0/21

In: -99.042+/-491.758 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.652+/-336.851 χ^2/NDF : 19.0/21

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 992.068+/-0.348 χ^2/NDF : 125174.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.954+/-0.327 χ^2/NDF : 207931.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

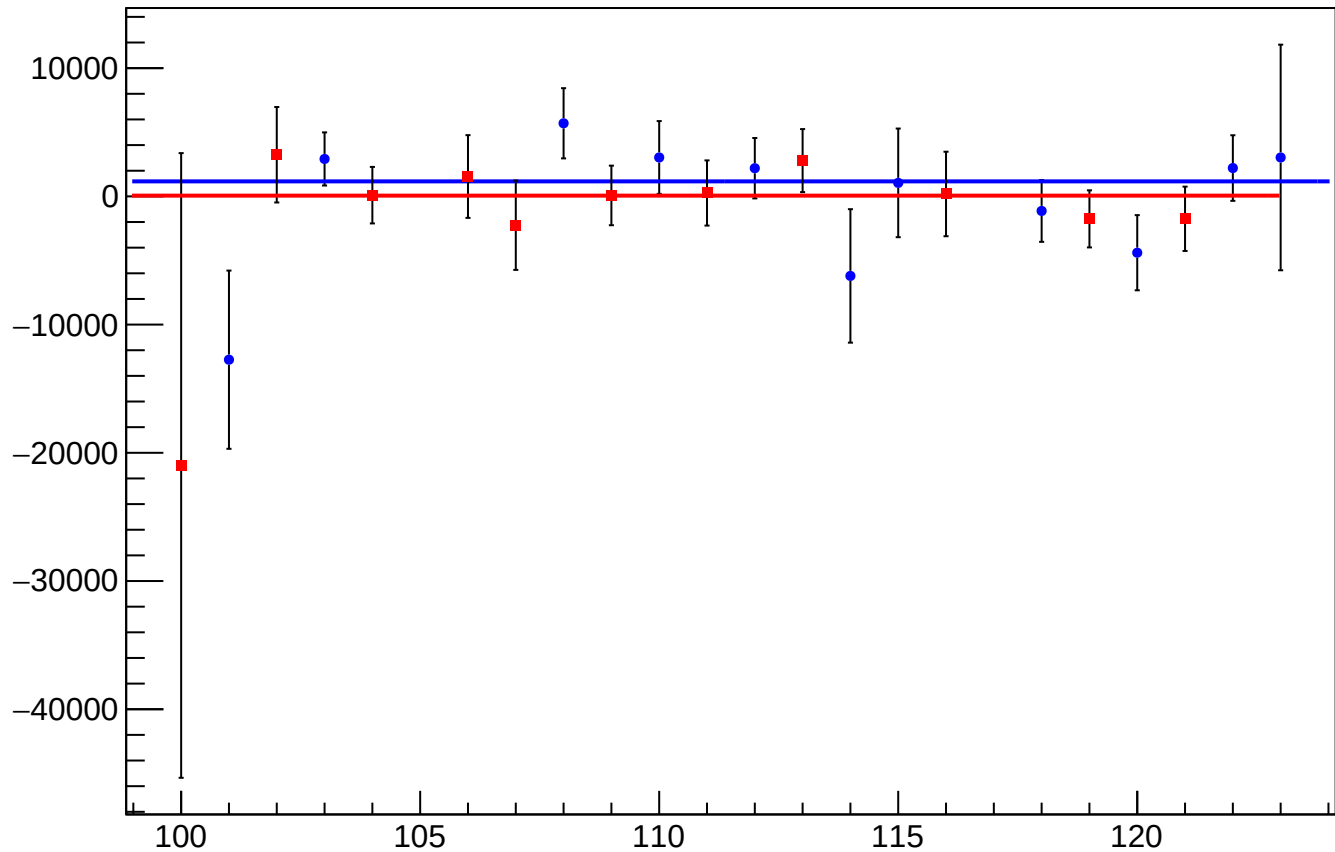
Right: 986.169+/-0.238 χ^2/NDF : 333648.4/21

In: 992.068+/-0.348 χ^2/NDF : 125174.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.169+/-0.238 χ^2/NDF : 333648.4/21

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1169.920+/-898.455 χ^2/NDF : 14.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.165+/-840.227 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

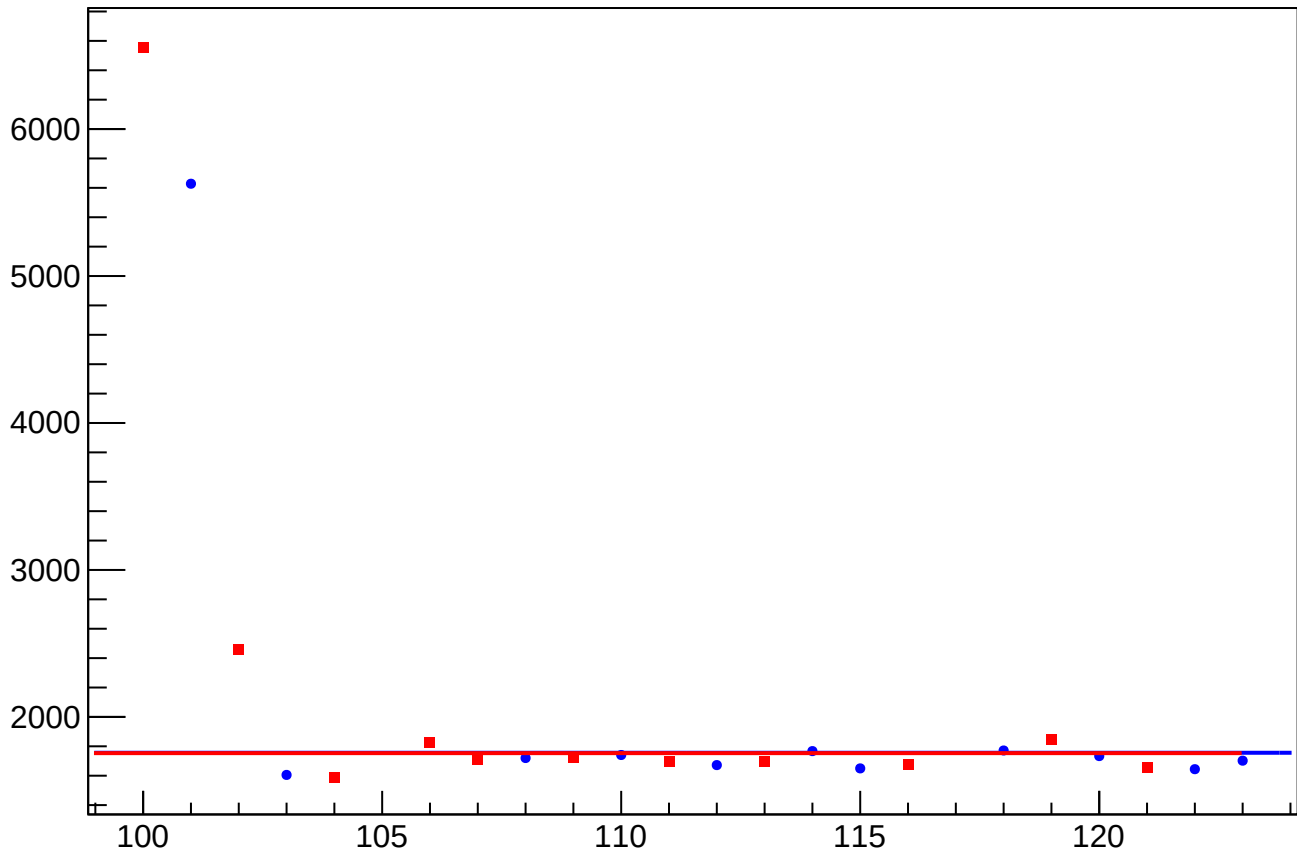
Right: 576.851+/-613.683 χ^2/NDF : 20.2/21

In: 1169.920+/-898.455 χ^2/NDF : 14.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.851+/-613.683 χ^2/NDF : 20.2/21

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1756.047+/-0.635 χ^2/NDF : 639542.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1753.544+/-0.594 χ^2/NDF : 171937.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

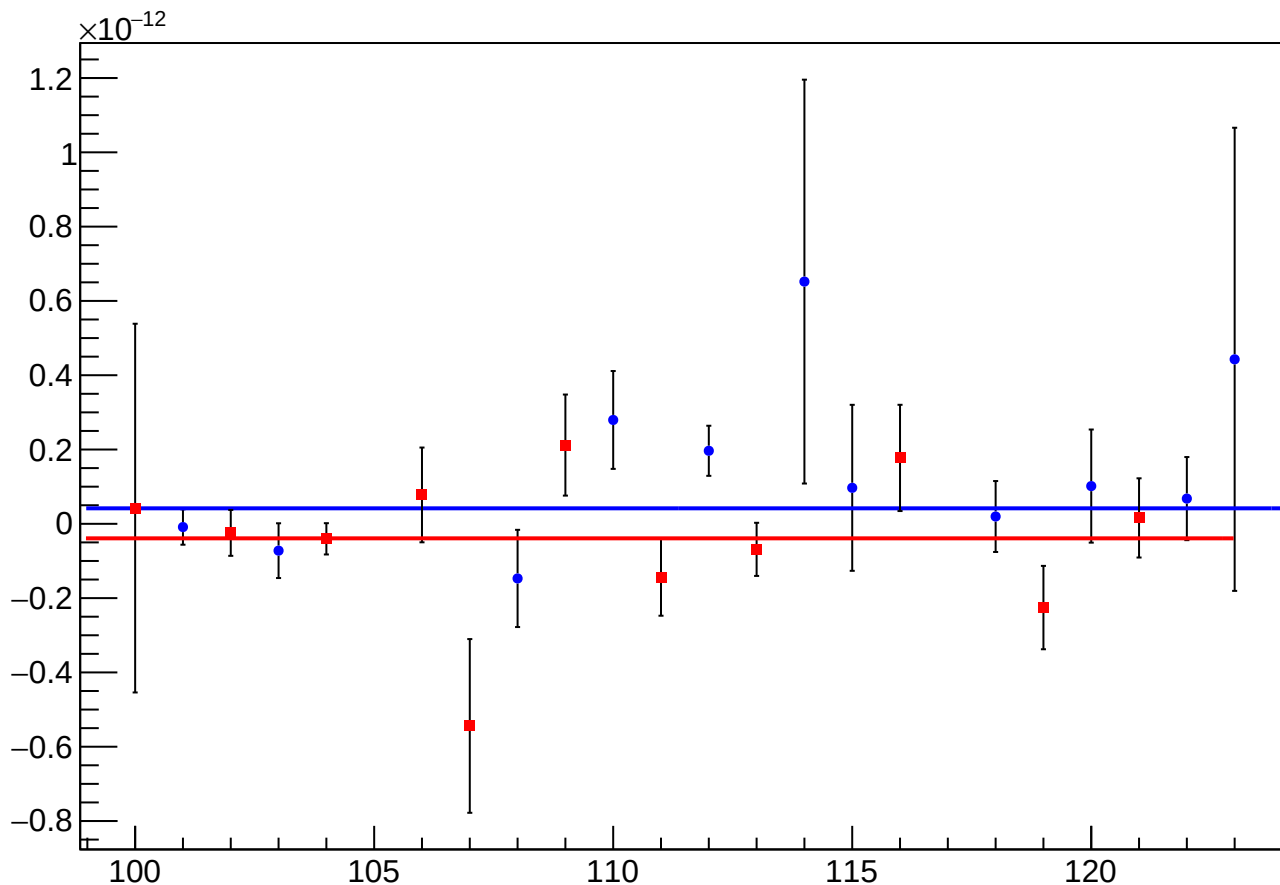
Right: 1754.712+/-0.434 χ^2/NDF : 811487.8/21

In: 1756.047+/-0.635 χ^2/NDF : 639542.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.712+/-0.434 χ^2/NDF : 811487.8/21

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

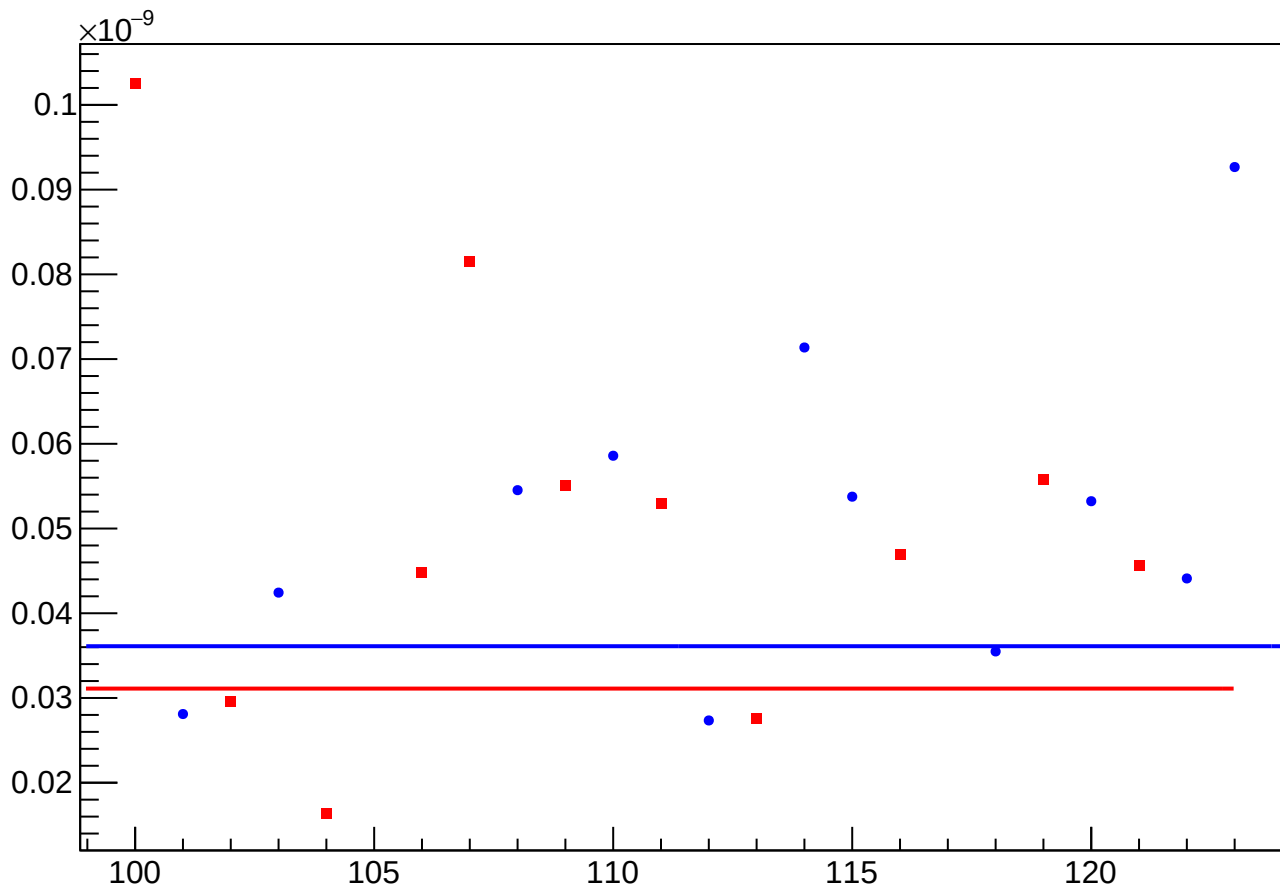
Right: -0.000+/-0.000 χ^2/NDF : 36.0/21

In: 0.000+/-0.000 χ^2/NDF : 16.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.0/21

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 275975.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 718978.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

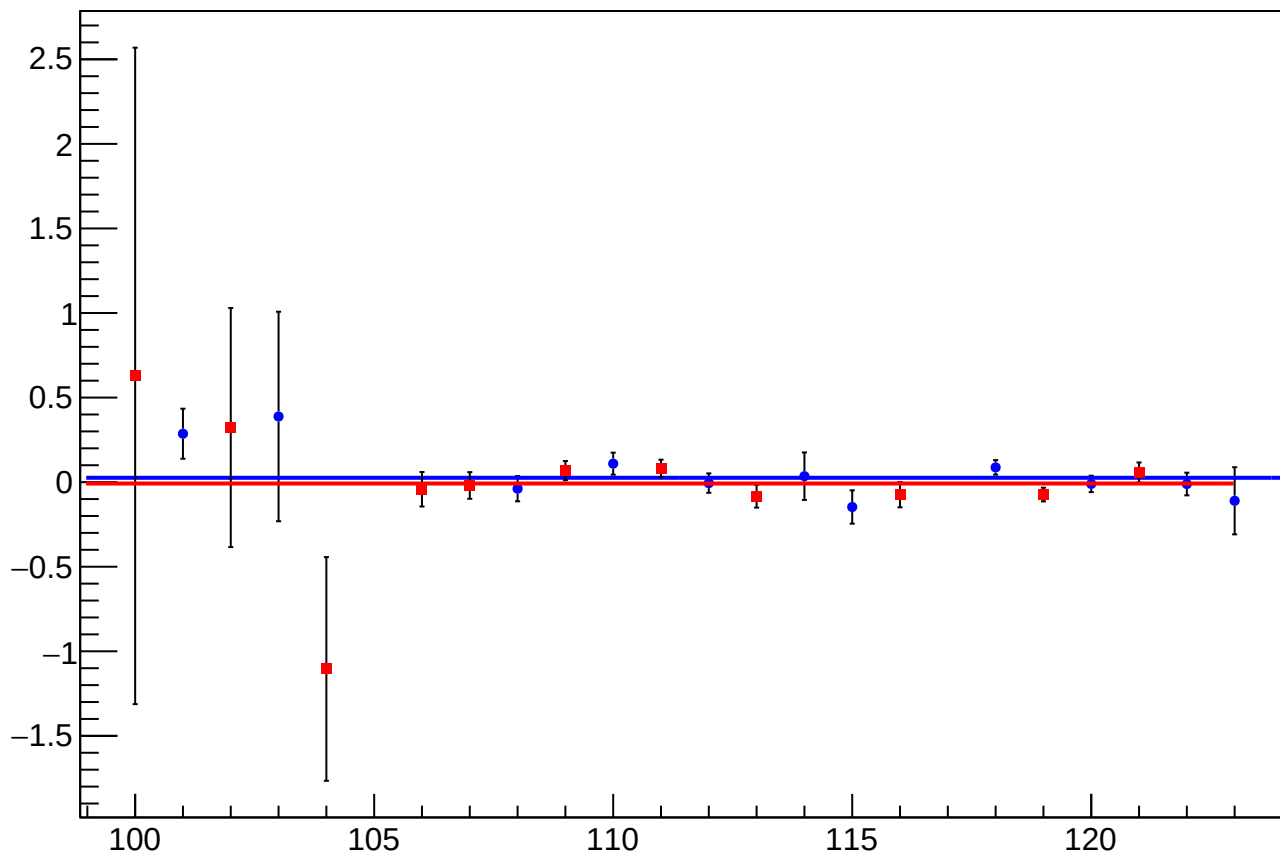
Right: 0.000+/-0.000 χ^2/NDF : 1028304.5/21

In: 0.000+/-0.000 χ^2/NDF : 275975.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1028304.5/21

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.022 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.021 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

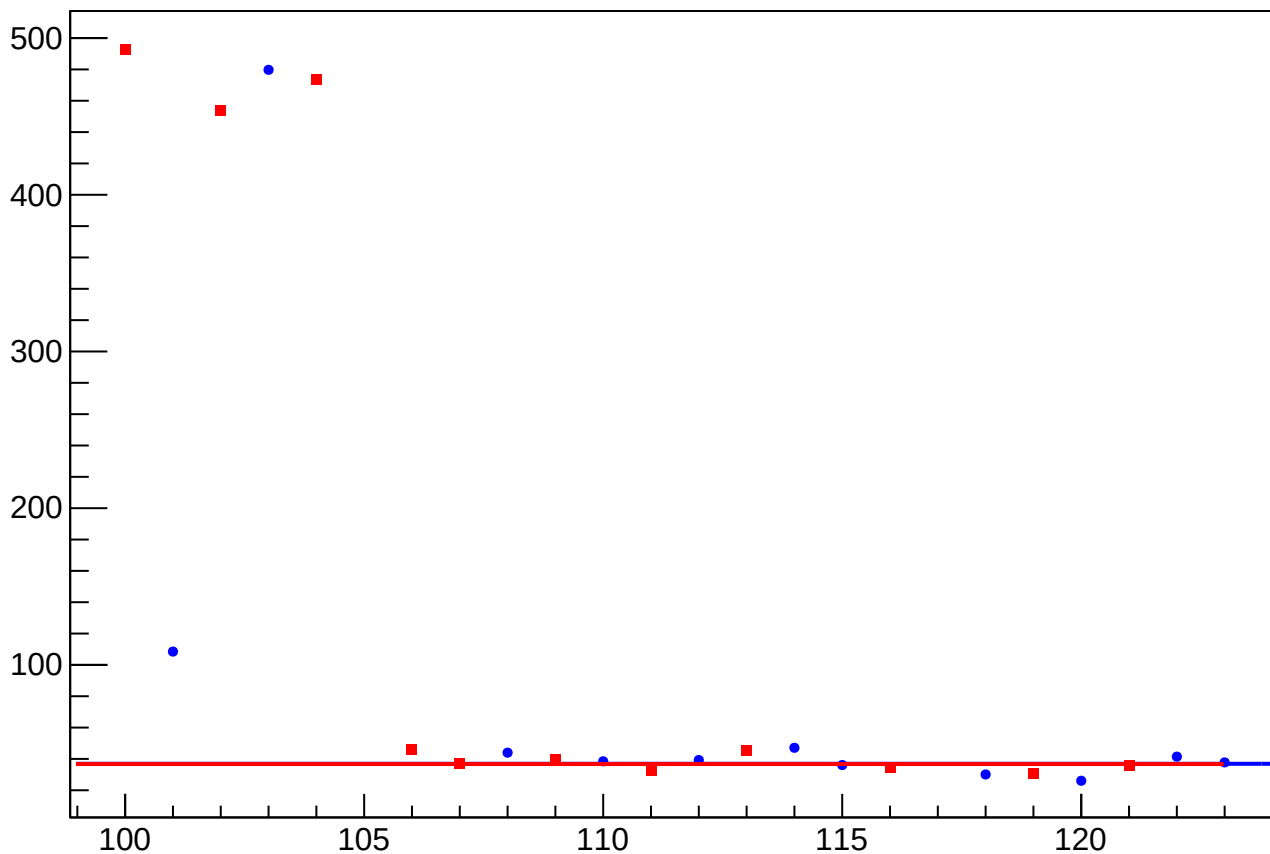
Right: 0.009+/-0.015 χ^2/NDF : 27.6/21

In: 0.026+/-0.022 χ^2/NDF : 12.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.015 χ^2/NDF : 27.6/21

asym_usr_atr1_dd_dit_vs_slug, Sign Corrected



Right In: 36.893+/-0.015 χ^2/NDF : 1683567.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.722+/-0.015 χ^2/NDF : 1790904.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

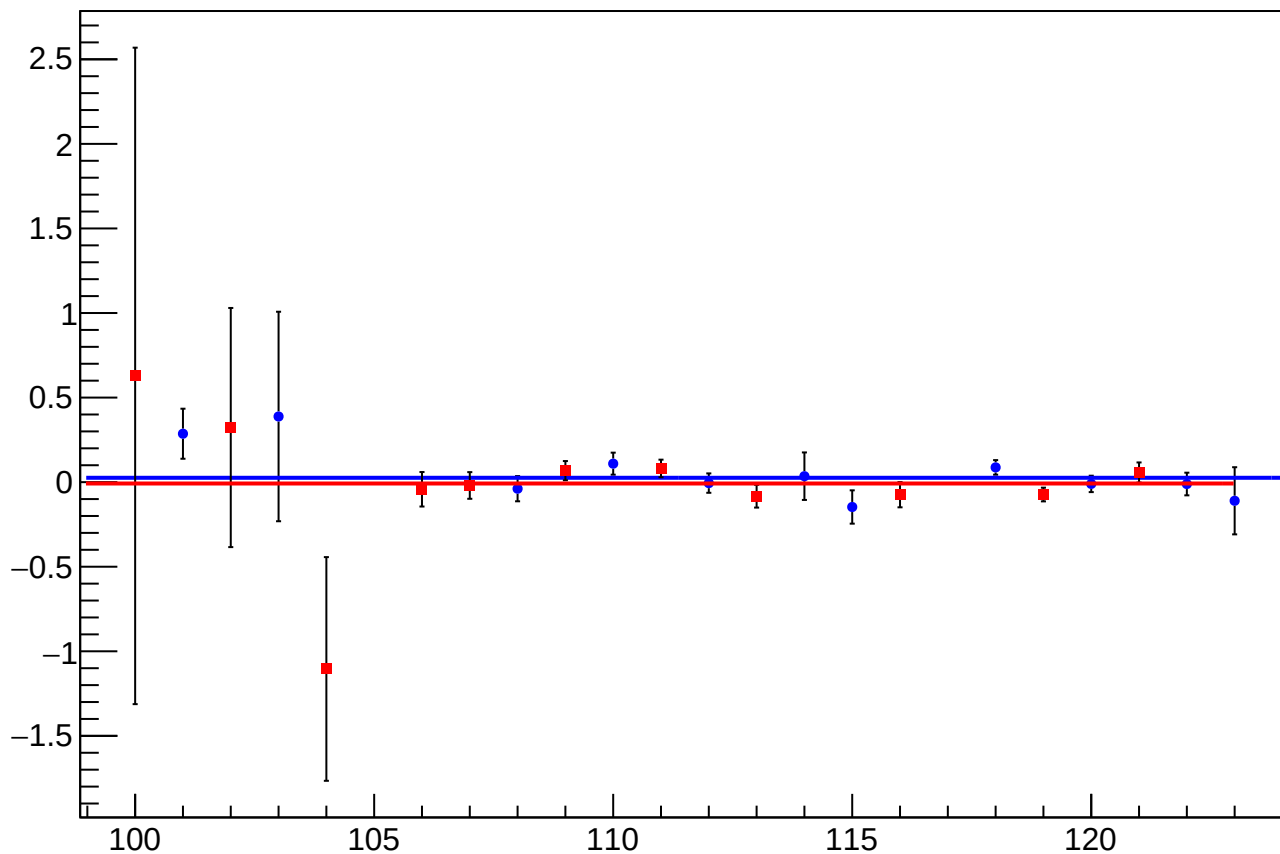
Right: 36.806+/-0.011 χ^2/NDF : 3474535.3/21

In: 36.893+/-0.015 χ^2/NDF : 1683567.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.806+/-0.011 χ^2/NDF : 3474535.3/21

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.022 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.021 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

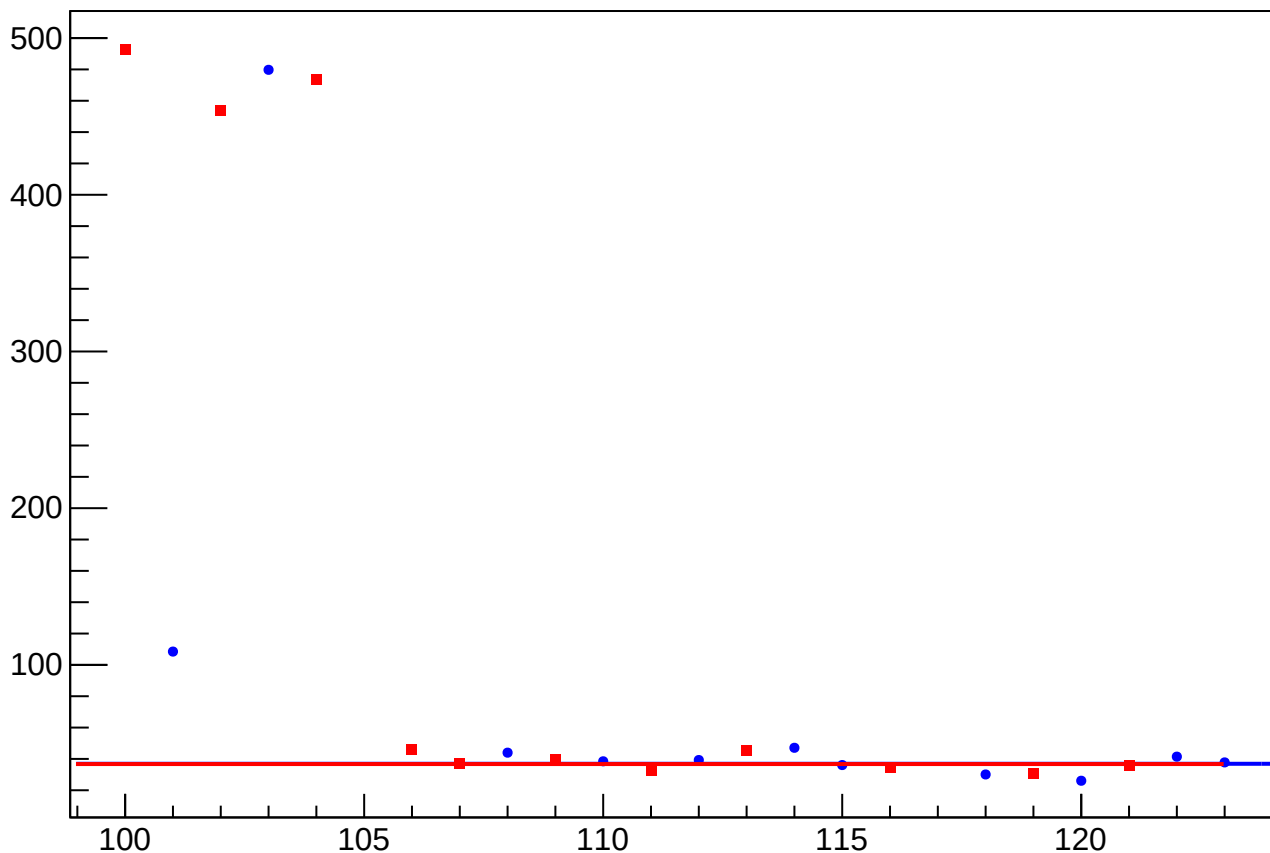
Right: 0.009+/-0.015 χ^2/NDF : 27.6/21

In: 0.026+/-0.022 χ^2/NDF : 12.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.015 χ^2/NDF : 27.6/21

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.893+/-0.015 χ^2/NDF : 1683567.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.722+/-0.015 χ^2/NDF : 1790904.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

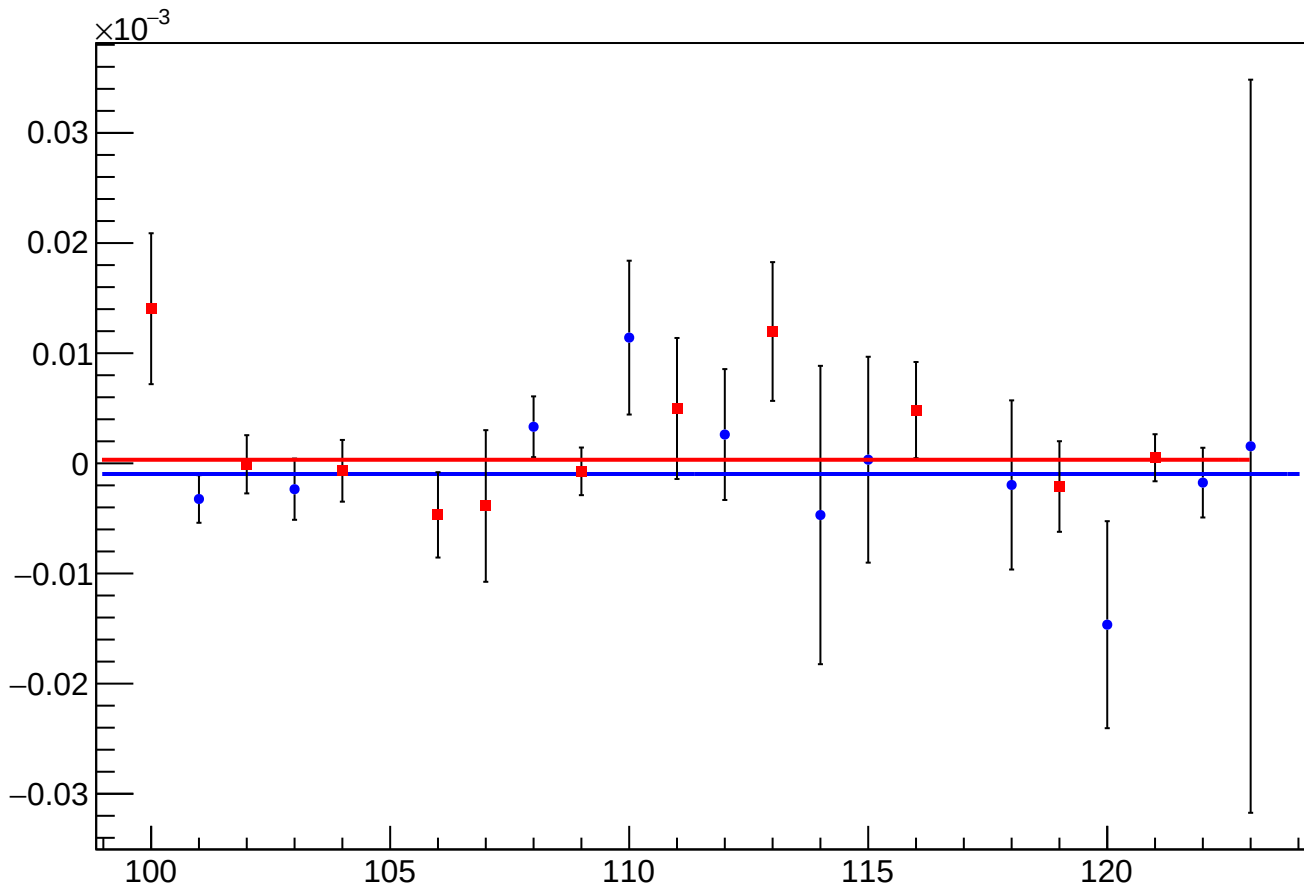
Right: 36.806+/-0.011 χ^2/NDF : 3474535.3/21

In: 36.893+/-0.015 χ^2/NDF :1683567.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.806+/-0.011 χ^2/NDF : 3474535.3/21

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/10

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

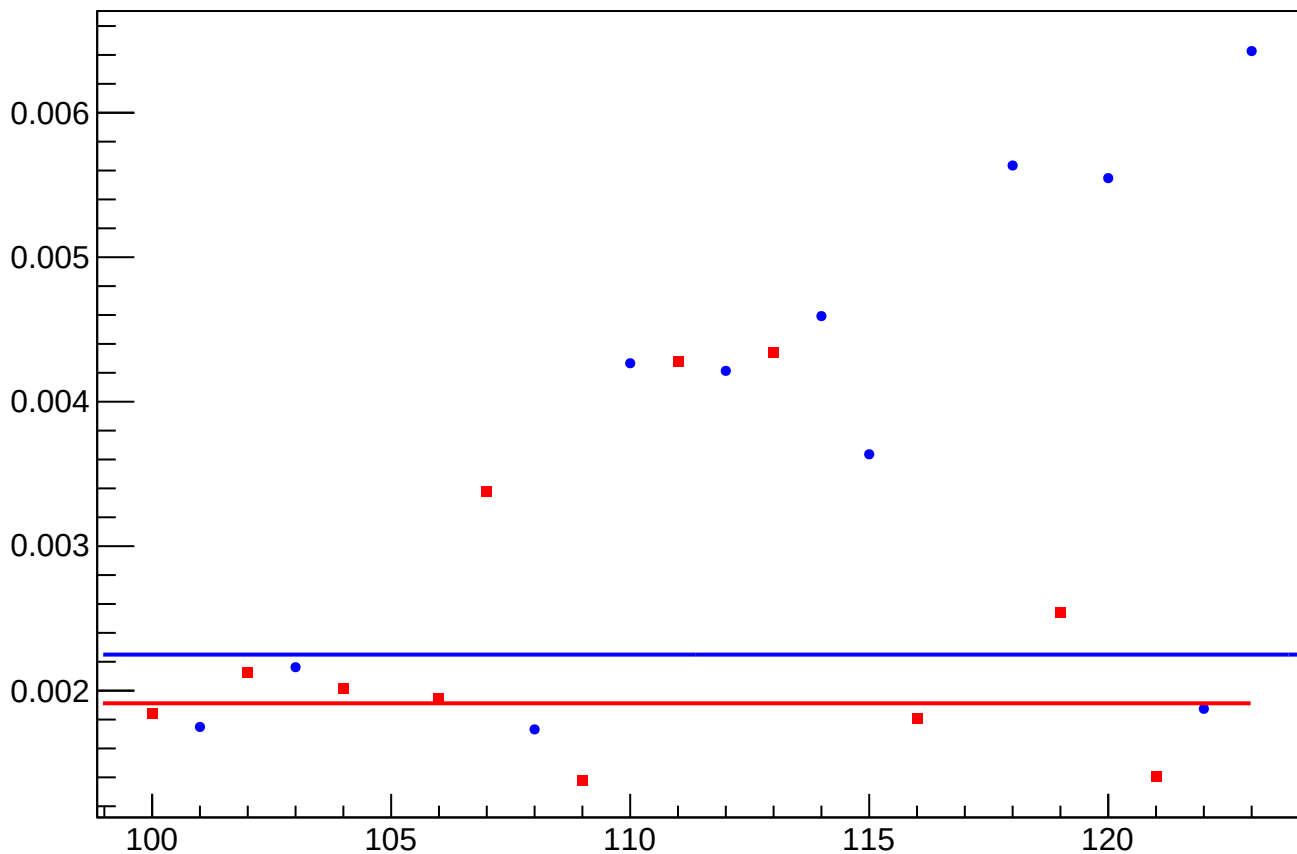
Right: -0.000+/-0.000 χ^2/NDF : 22.0/21

In: -0.000+/-0.000 χ^2/NDF : 9.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/21

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1363598.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 959627.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

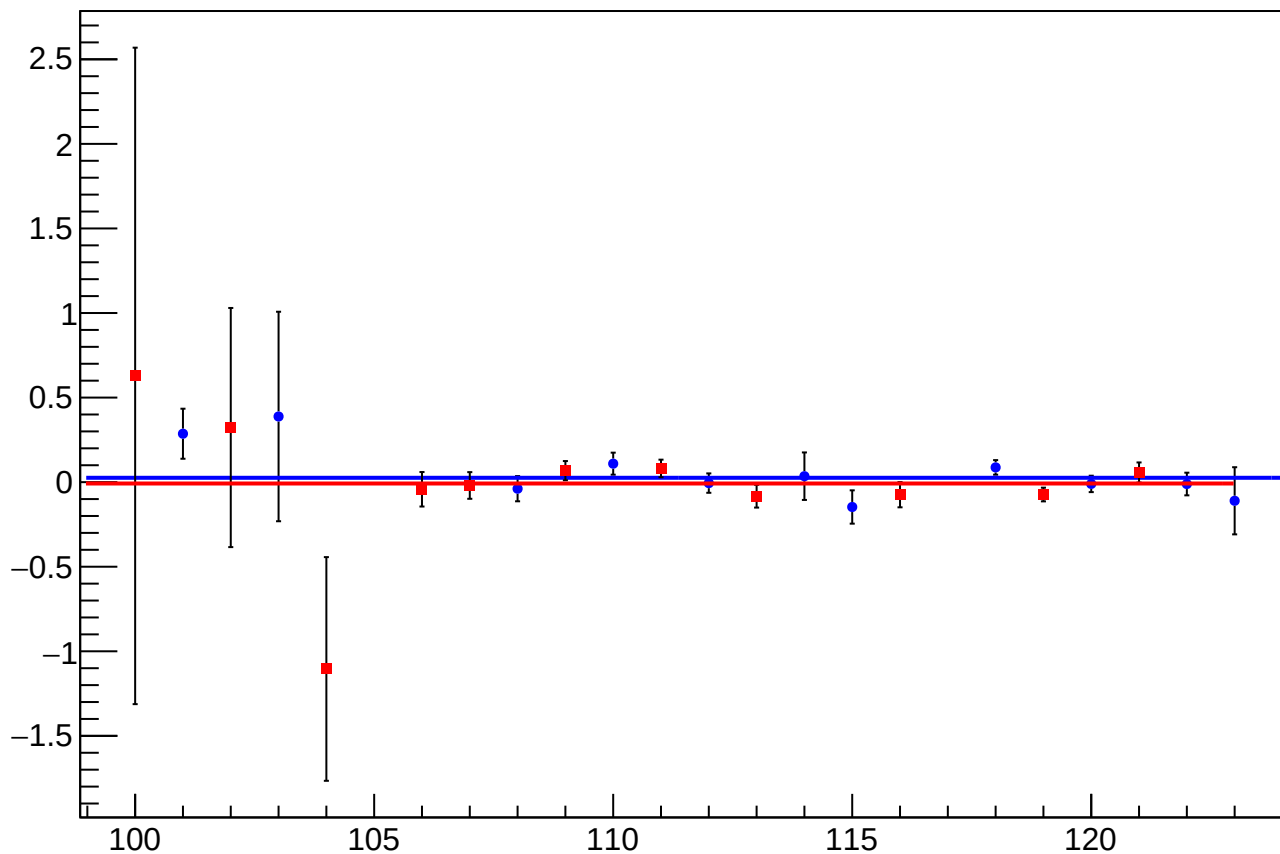
Right: 0.002+/-0.000 χ^2/NDF : 2413460.1/21

In: 0.002+/-0.000 χ^2/NDF :1363598.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2413460.1/21

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.022 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.021 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

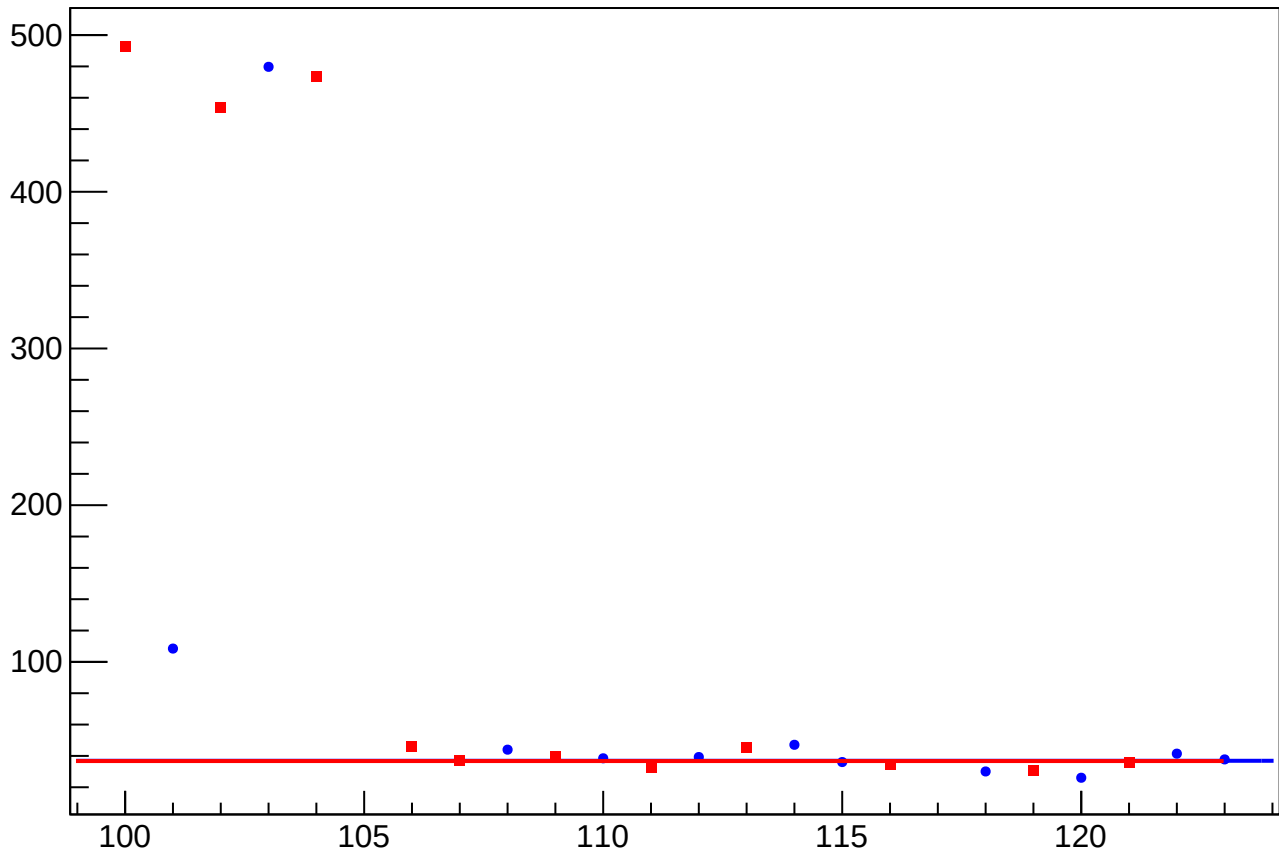
Right: 0.009+/-0.015 χ^2/NDF : 27.6/21

In: 0.026+/-0.022 χ^2/NDF : 12.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.015 χ^2/NDF : 27.6/21

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.892+/-0.015 χ^2/NDF : 1683582.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.720+/-0.015 χ^2/NDF : 1790959.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

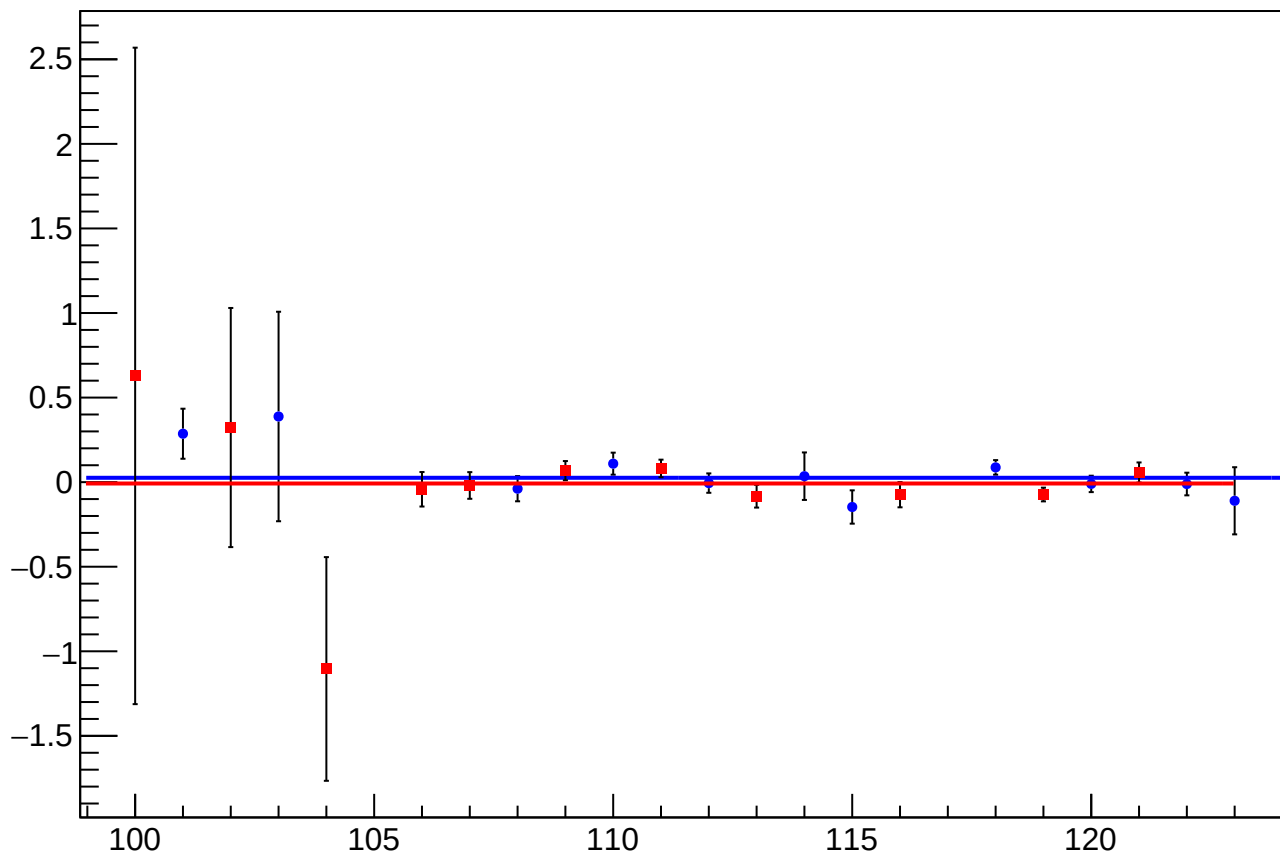
Right: 36.804+/-0.011 χ^2/NDF : 3474607.0/21

In: 36.892+/-0.015 χ^2/NDF :1683582.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.804+/-0.011 χ^2/NDF : 3474607.0/21

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.022 χ^2/NDF : 12.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 $\pm$ 0.021 χ^2/NDF : 13.8/10

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

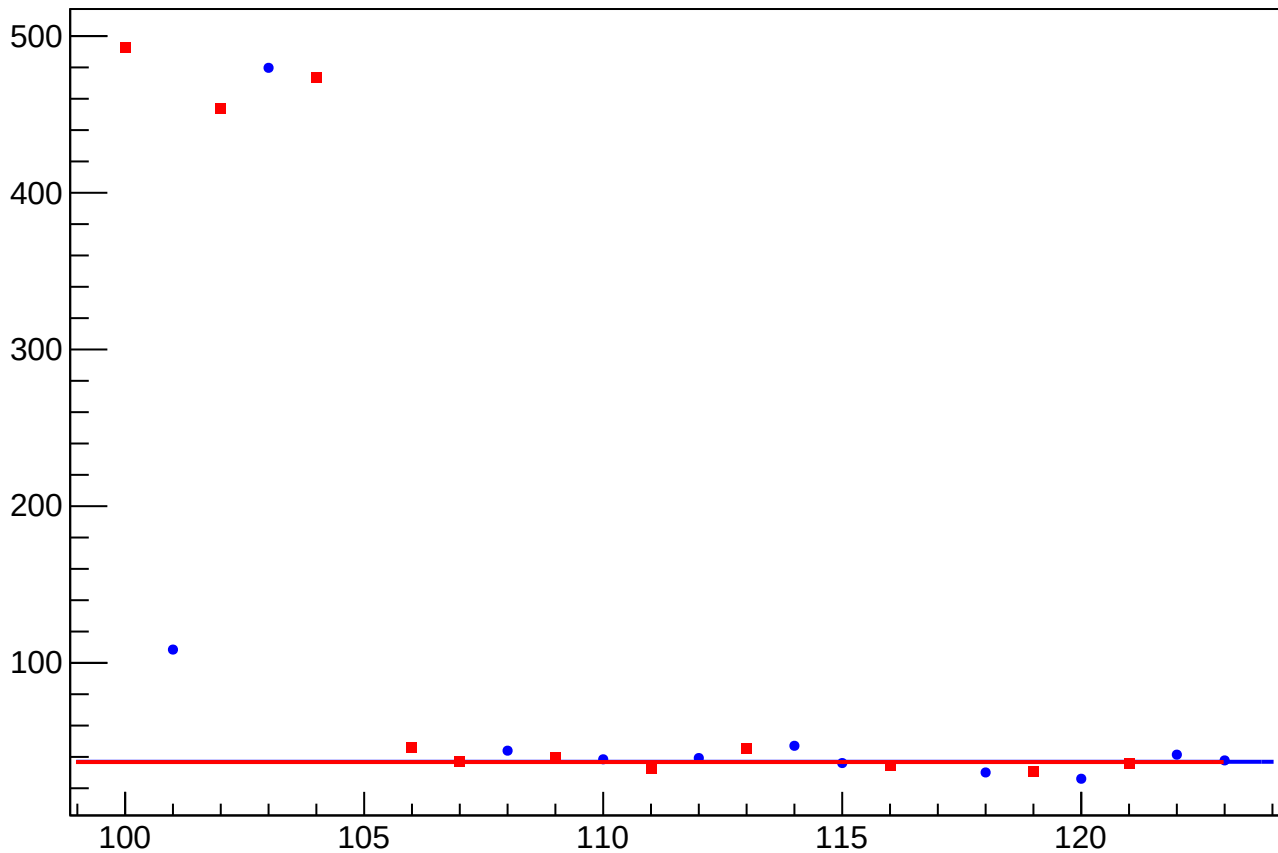
Right: 0.009 $\pm$ 0.015 χ^2/NDF : 27.6/21

In: 0.026 $\pm$ 0.022 χ^2/NDF : 12.6/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.009 $\pm$ 0.015 χ^2/NDF : 27.6/21

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.892+/-0.015 χ^2/NDF : 1683582.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.720+/-0.015 χ^2/NDF : 1790959.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

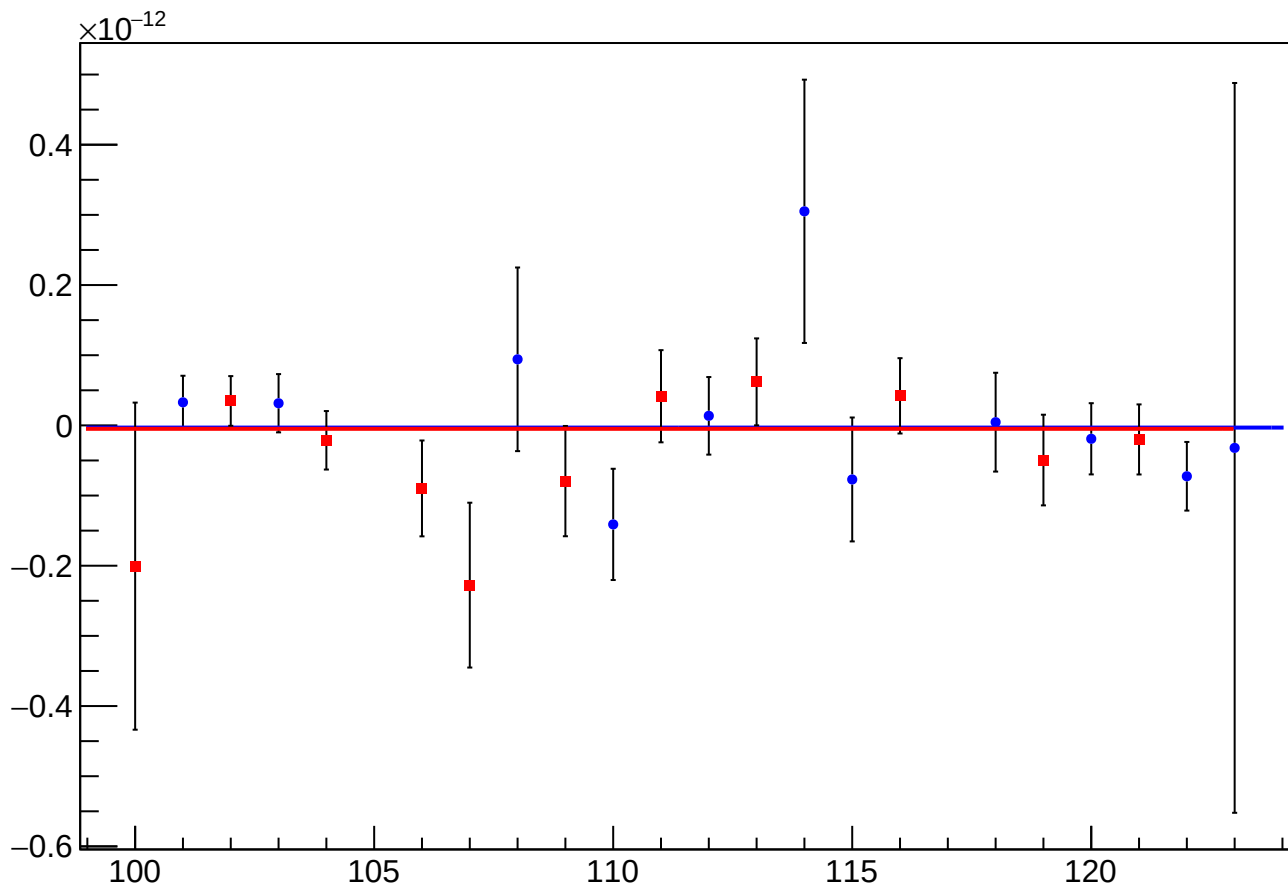
Right: 36.804+/-0.011 χ^2/NDF : 3474607.0/21

In: 36.892+/-0.015 χ^2/NDF : 1683582.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.804+/-0.011 χ^2/NDF : 3474607.0/21

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.8/10

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

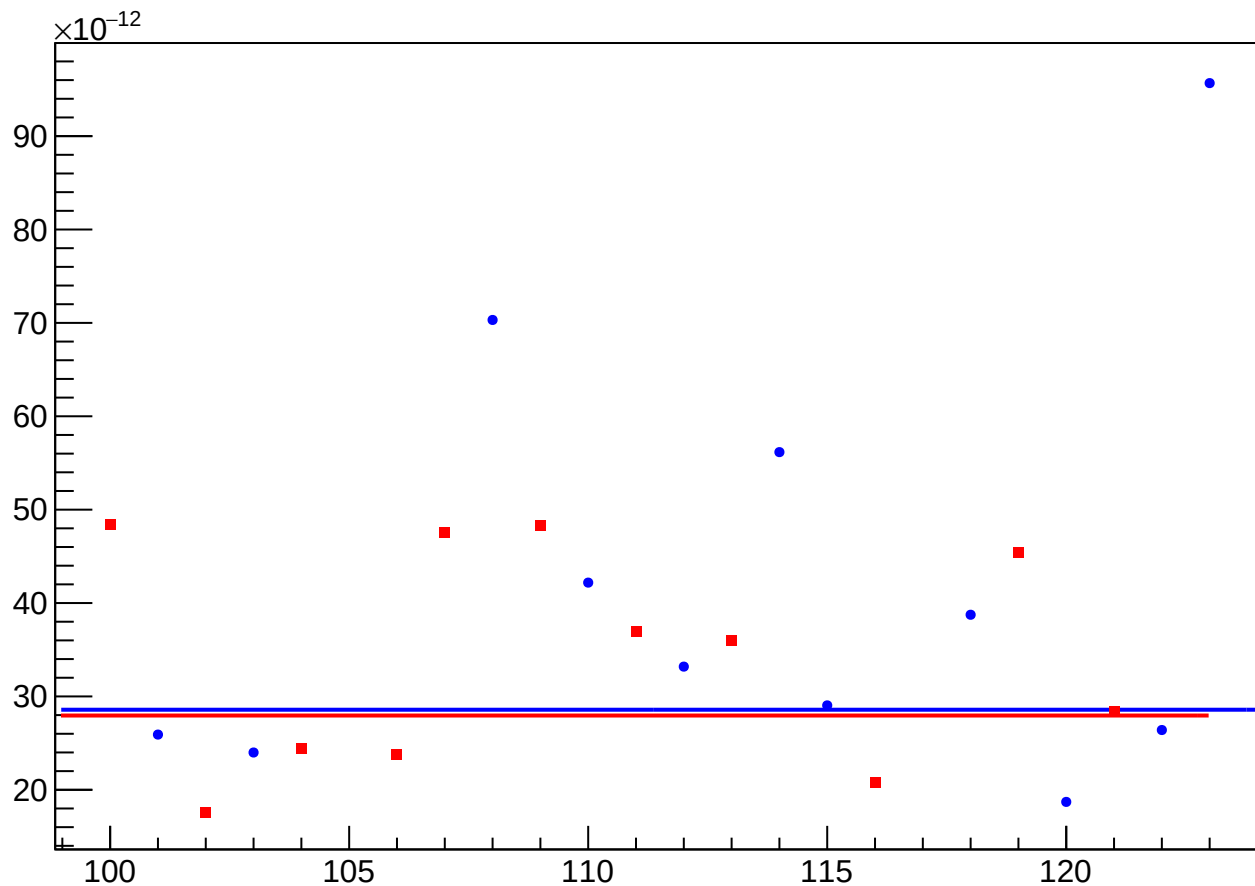
Right: -0.000+/-0.000 χ^2/NDF : 22.0/21

In: -0.000+/-0.000 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/21

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508561.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 652490.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

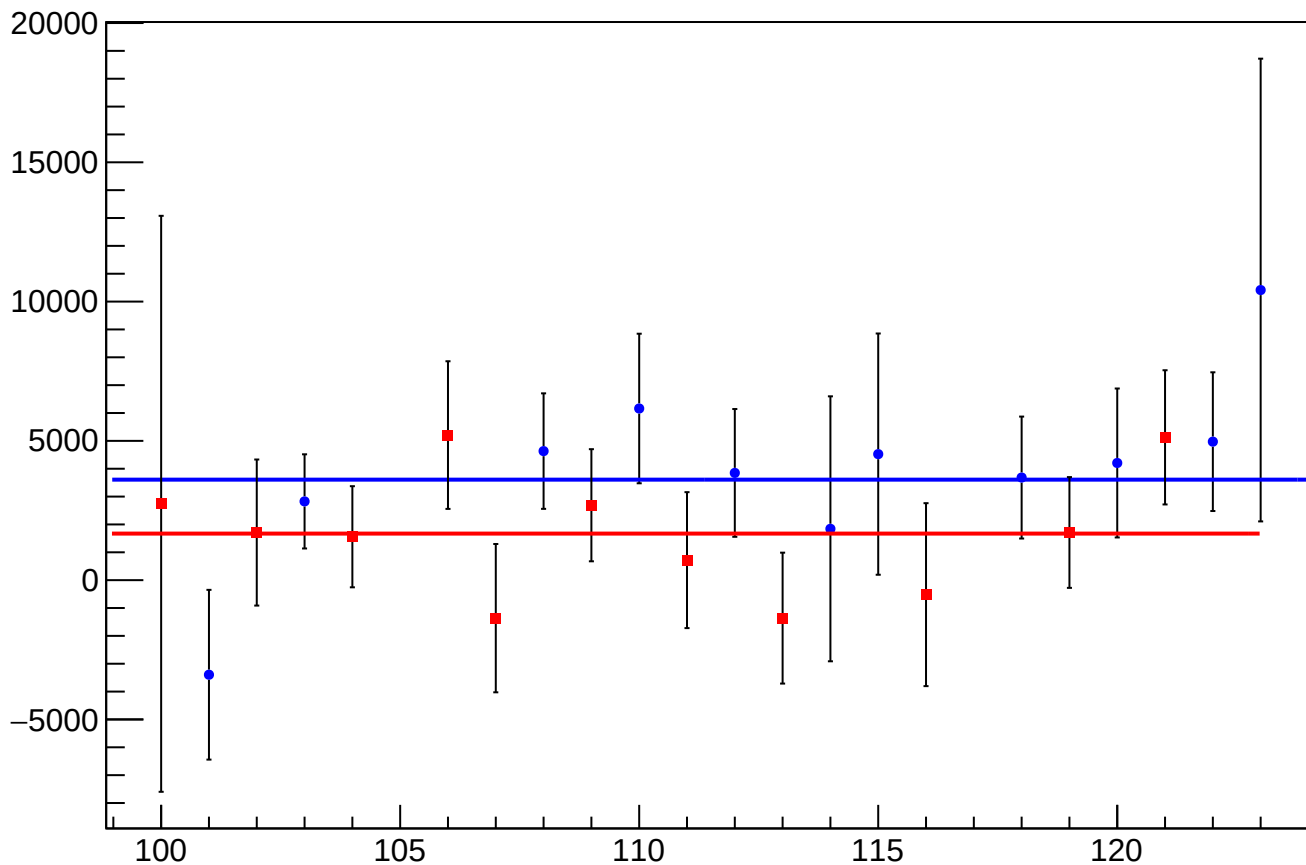
Right: 0.000+/-0.000 χ^2/NDF : 1162266.2/21

In: 0.000+/-0.000 χ^2/NDF : 508561.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1162266.2/21

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3607.954+/-780.586 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1671.603+/-734.050 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

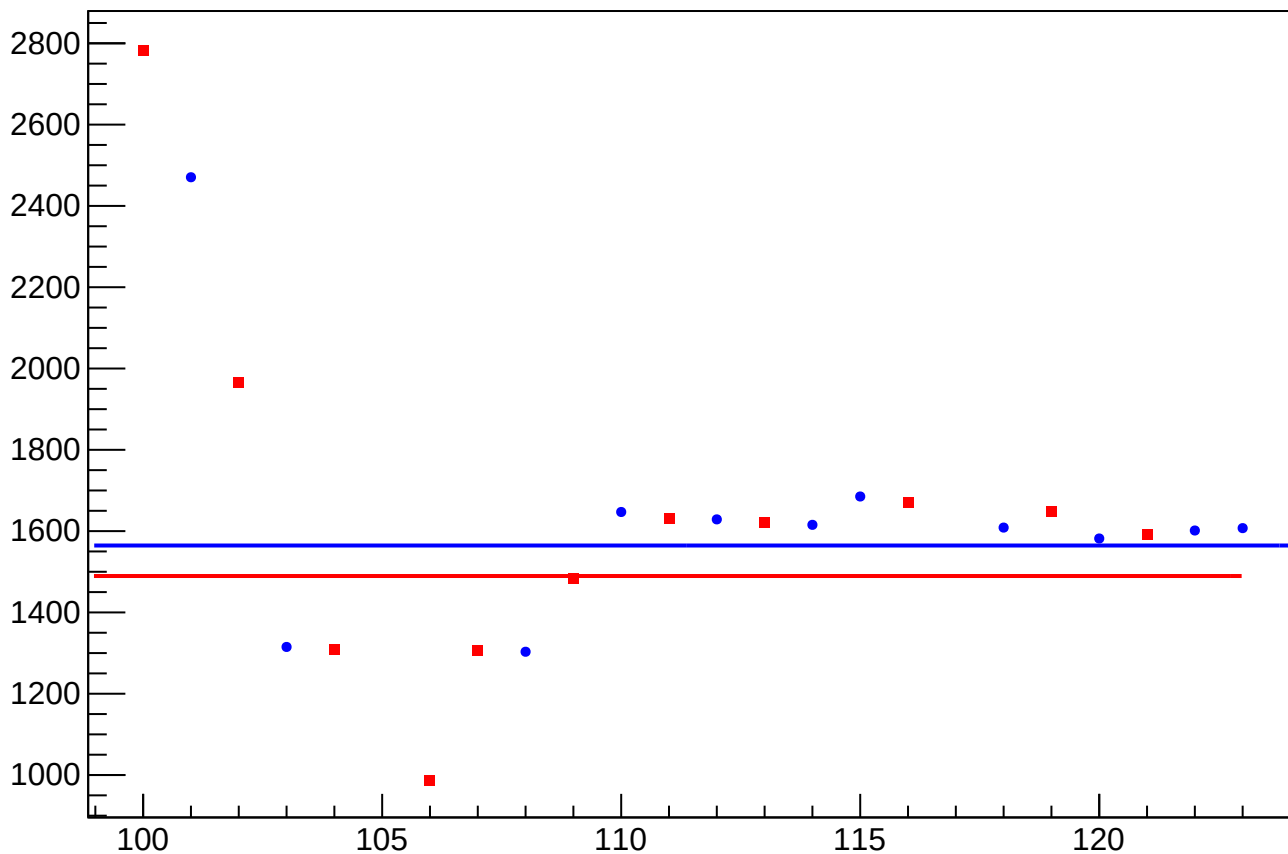
Right: 2580.341+/-534.747 χ^2/NDF : 18.8/21

In: 3607.954+/-780.586 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2580.341+/-534.747 χ^2/NDF : 18.8/21

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1564.611+/-0.552 χ^2/NDF : 258798.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.572+/-0.506 χ^2/NDF : 284227.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

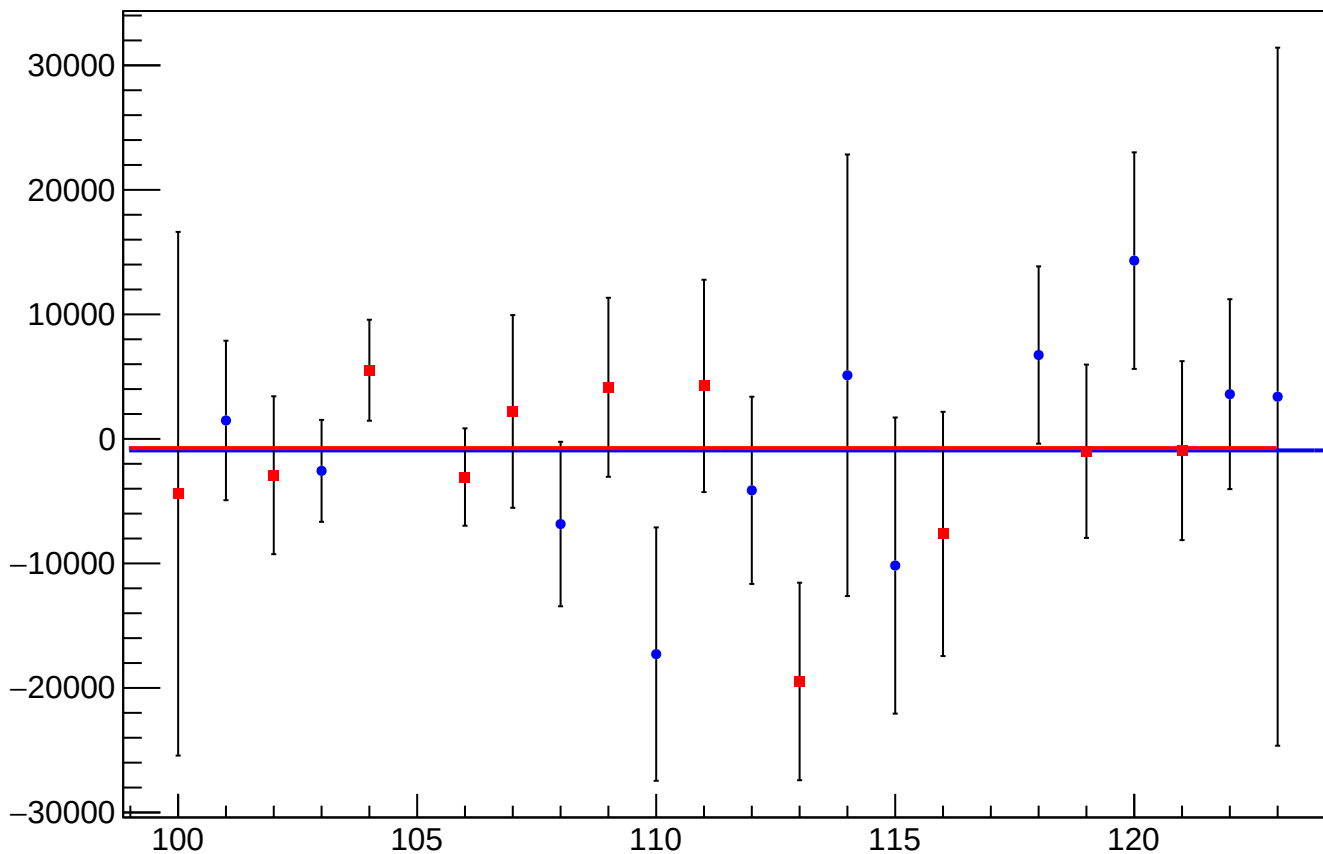
Right: 1523.819+/-0.373 χ^2/NDF : 553072.8/21

In: 1564.611+/-0.552 χ^2/NDF : 258798.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.819+/-0.373 χ^2/NDF : 553072.8/21

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -923.963+/-2258.614 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -740.572+/-1926.360 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

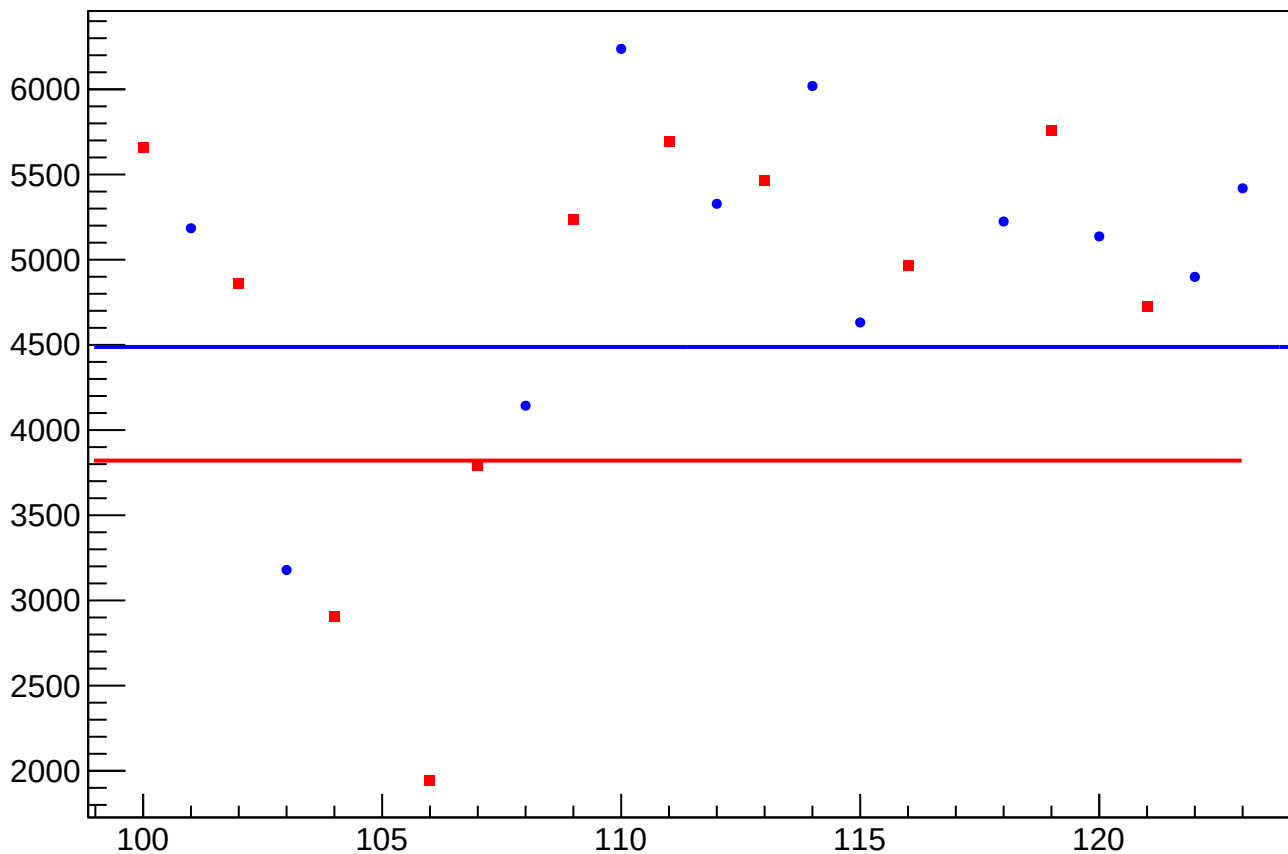
Right: -817.799+/-1465.674 χ^2/NDF : 19.1/21

In: -923.963+/-2258.614 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -817.799+/-1465.674 χ^2/NDF : 19.1/21

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4487.751+/-1.597 χ^2/NDF : 373533.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3820.919+/-1.362 χ^2/NDF : 1105679.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

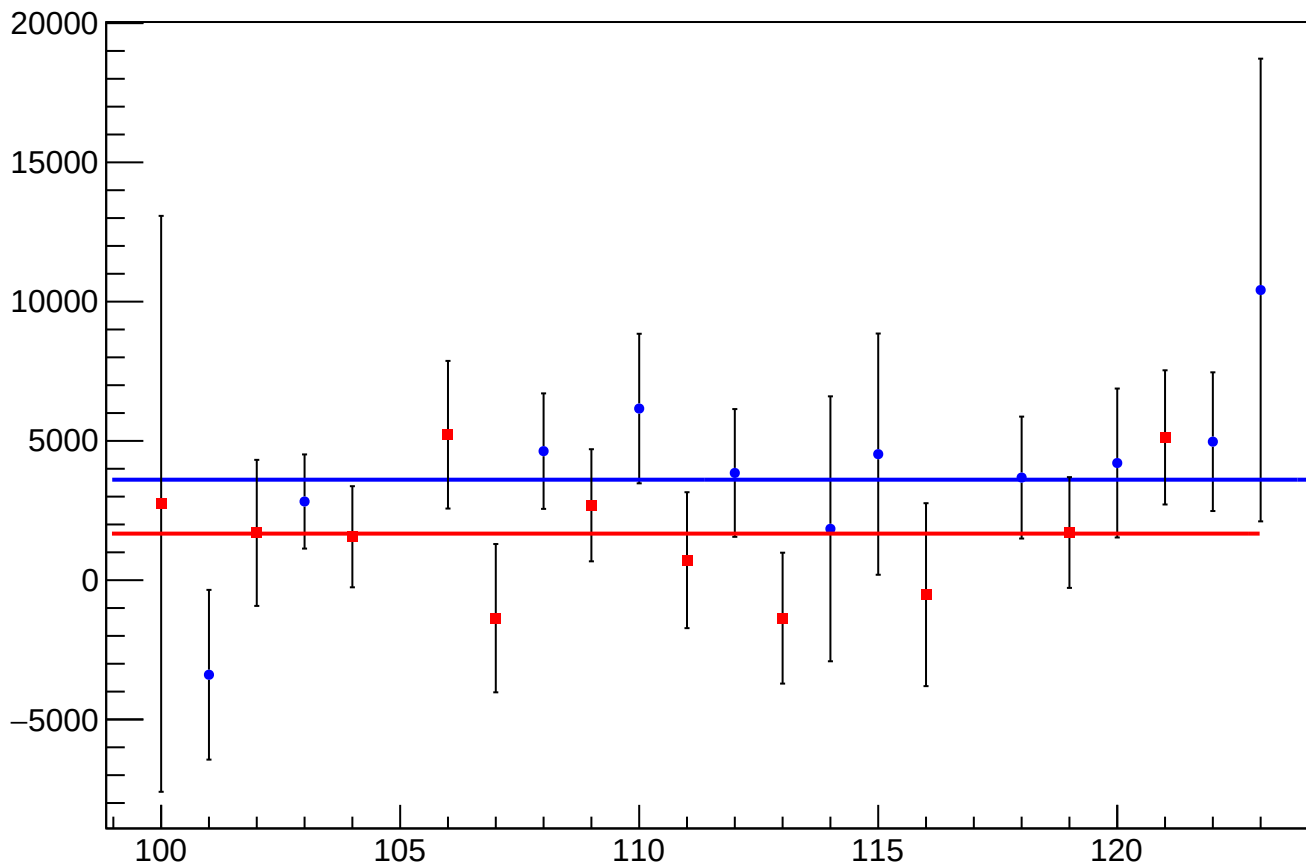
Right: 4101.725+/-1.036 χ^2/NDF : 1580132.9/21

In: 4487.751+/-1.597 χ^2/NDF : 373533.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4101.725+/-1.036 χ^2/NDF : 1580132.9/21

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3607.467+/-780.586 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1671.751+/-734.056 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

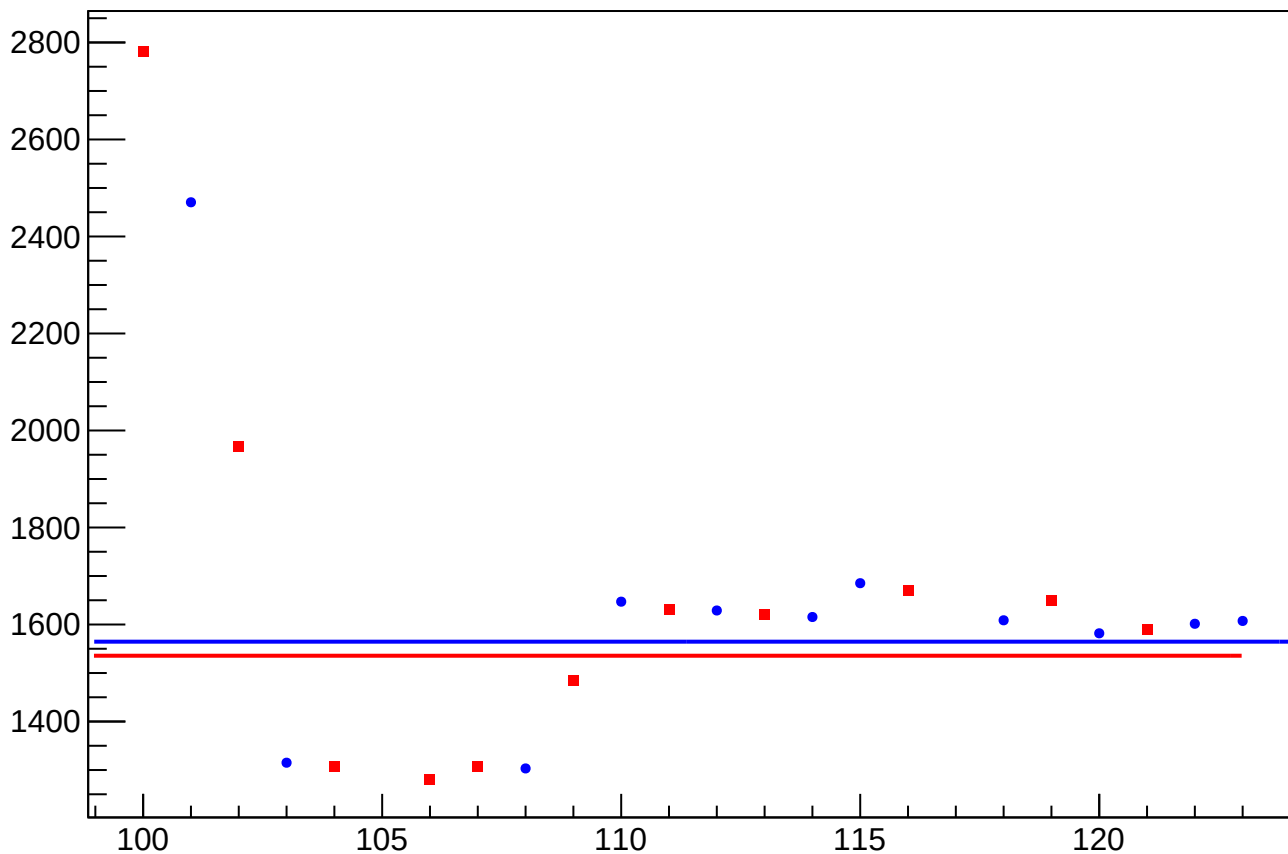
Right: 2580.199+/-534.749 χ^2/NDF : 18.8/21

In: 3607.467+/-780.586 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2580.199+/-534.749 χ^2/NDF : 18.8/21

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1564.612+/-0.552 χ^2/NDF : 258797.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1535.640+/-0.516 χ^2/NDF : 169008.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

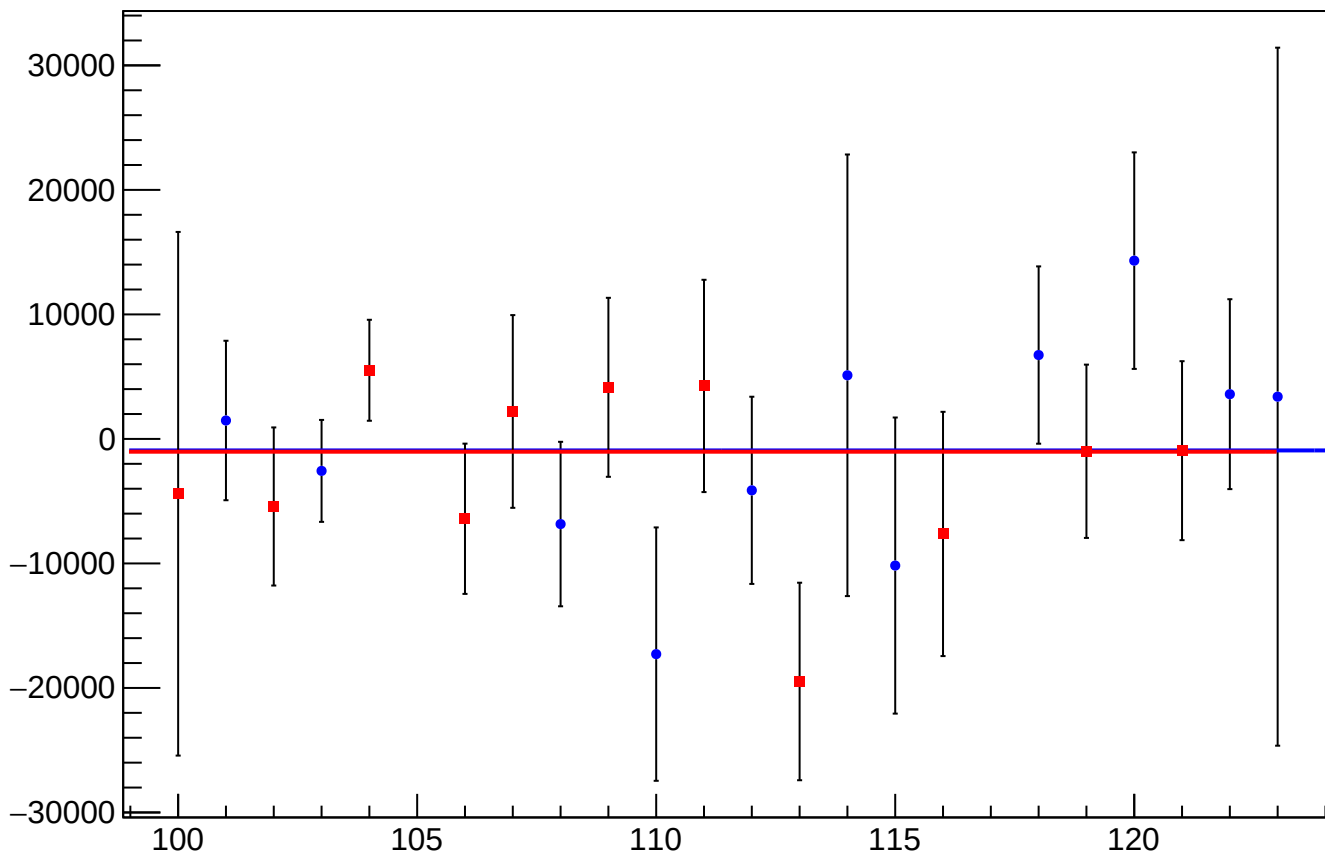
Right: 1549.148+/-0.377 χ^2/NDF : 429276.1/21

In: 1564.612+/-0.552 χ^2/NDF : 258797.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.148+/-0.377 χ^2/NDF : 429276.1/21

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -924.247+/-2258.683 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1026.021+/-2078.489 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

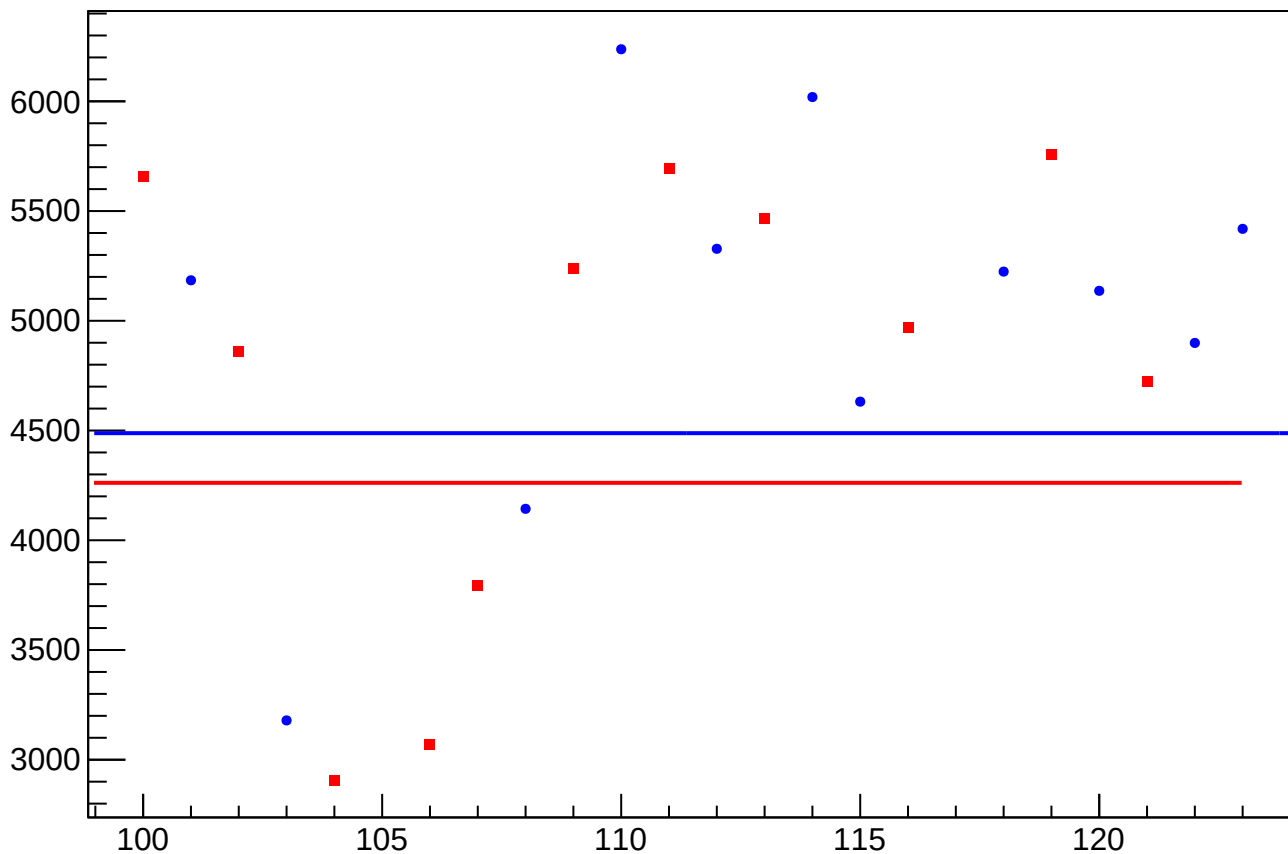
Right: -979.355+/-1529.456 χ^2/NDF : 20.0/21

In: -924.247+/-2258.683 χ^2/NDF :9.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -979.355+/-1529.456 χ^2/NDF : 20.0/21

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4487.937+/-1.597 χ^2/NDF : 373382.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4261.692+/-1.470 χ^2/NDF : 585785.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

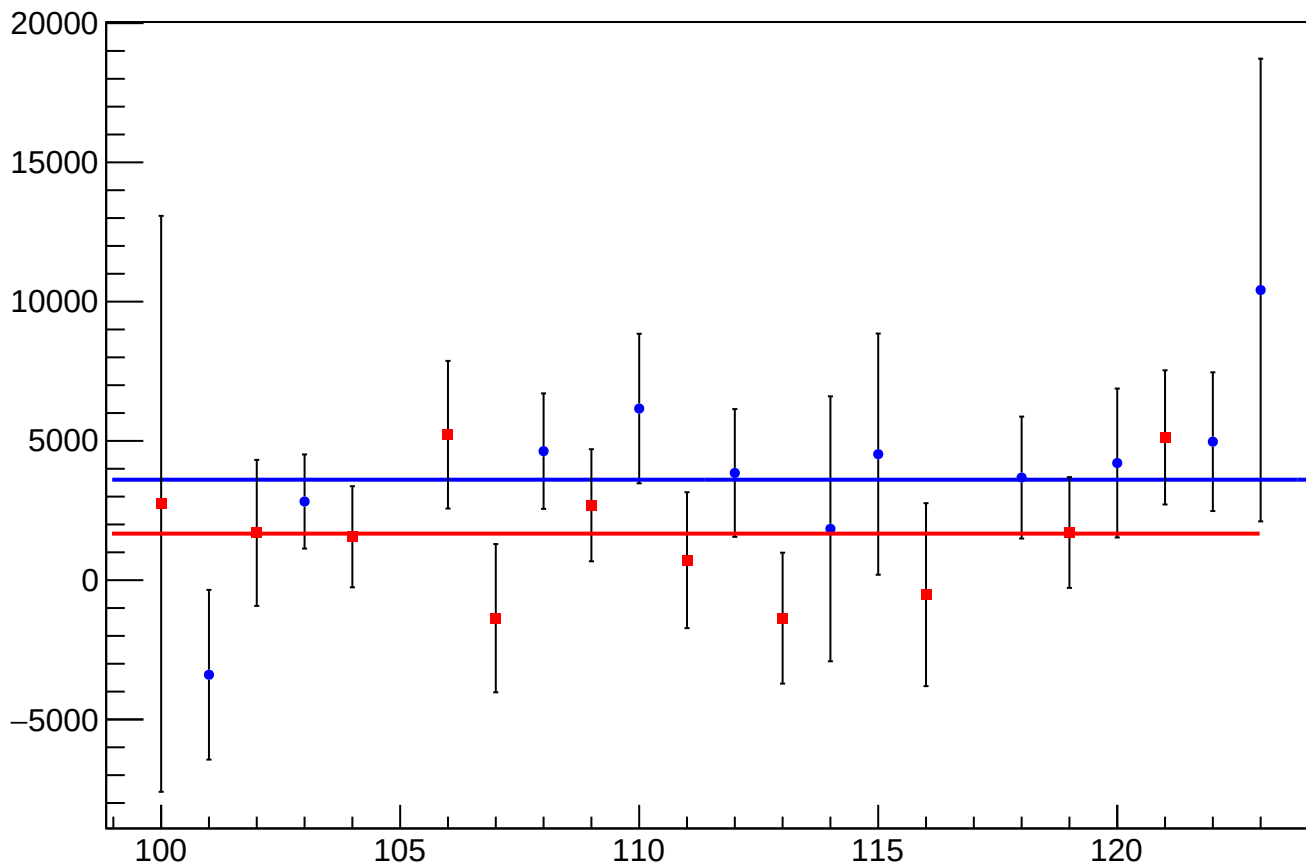
Right: 4365.431+/-1.081 χ^2/NDF : 970033.2/21

In: 4487.937+/-1.597 χ^2/NDF : 373382.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4365.431+/-1.081 χ^2/NDF : 970033.2/21

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3607.467+/-780.586 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1671.751+/-734.056 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

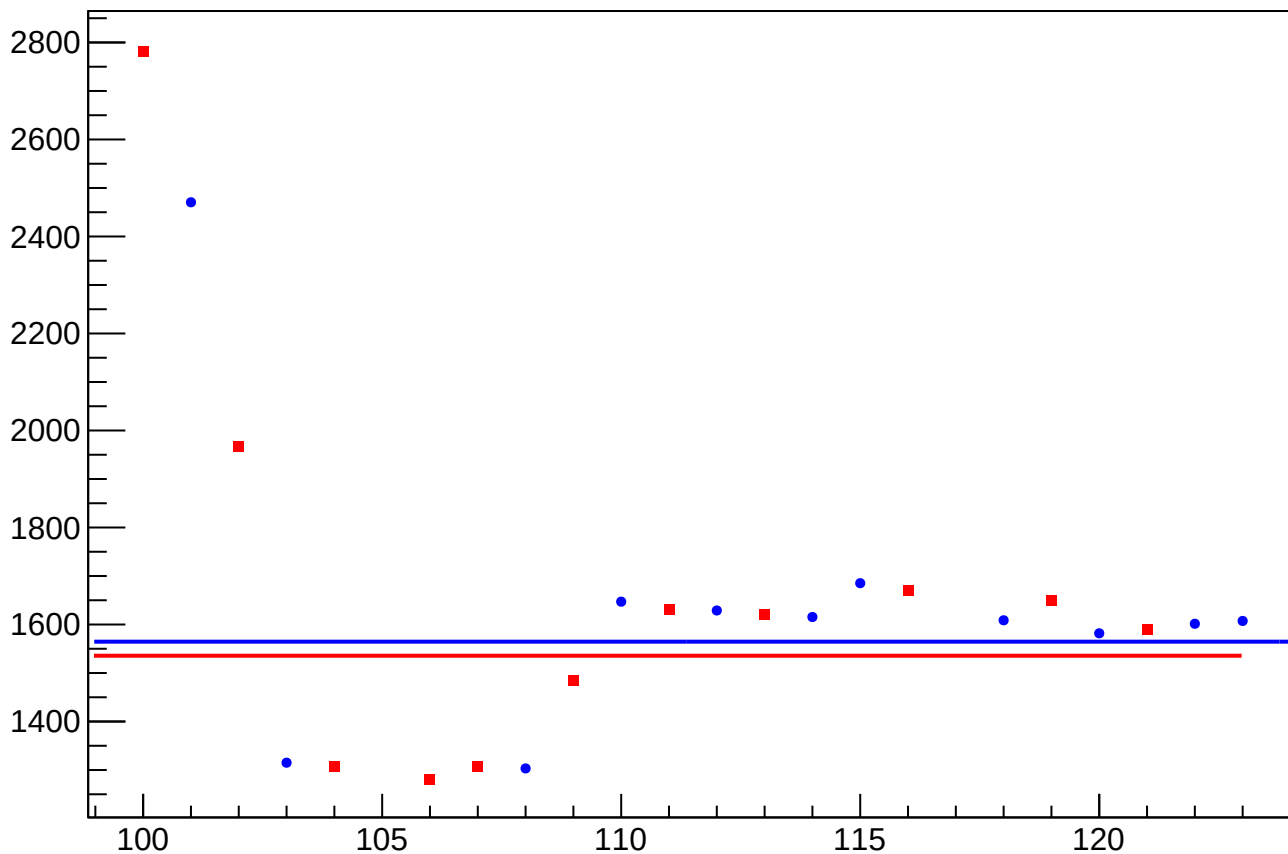
Right: 2580.199+/-534.749 χ^2/NDF : 18.8/21

In: 3607.467+/-780.586 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2580.199+/-534.749 χ^2/NDF : 18.8/21

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1564.612+/-0.552 χ^2/NDF : 258797.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1535.640+/-0.516 χ^2/NDF : 169008.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

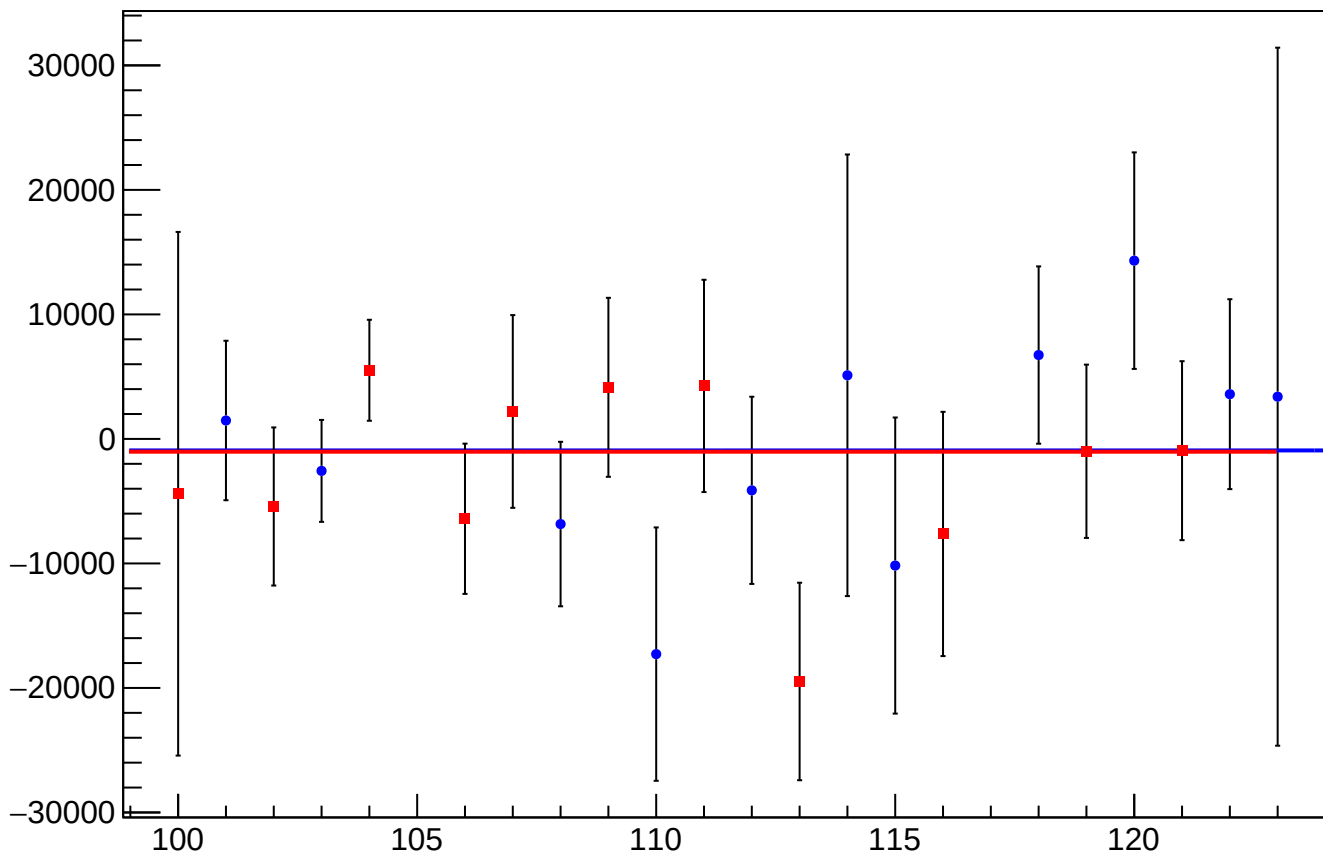
Right: 1549.148+/-0.377 χ^2/NDF : 429276.1/21

In: 1564.612+/-0.552 χ^2/NDF : 258797.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.148+/-0.377 χ^2/NDF : 429276.1/21

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -924.247+/-2258.683 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.021+/-2078.489 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

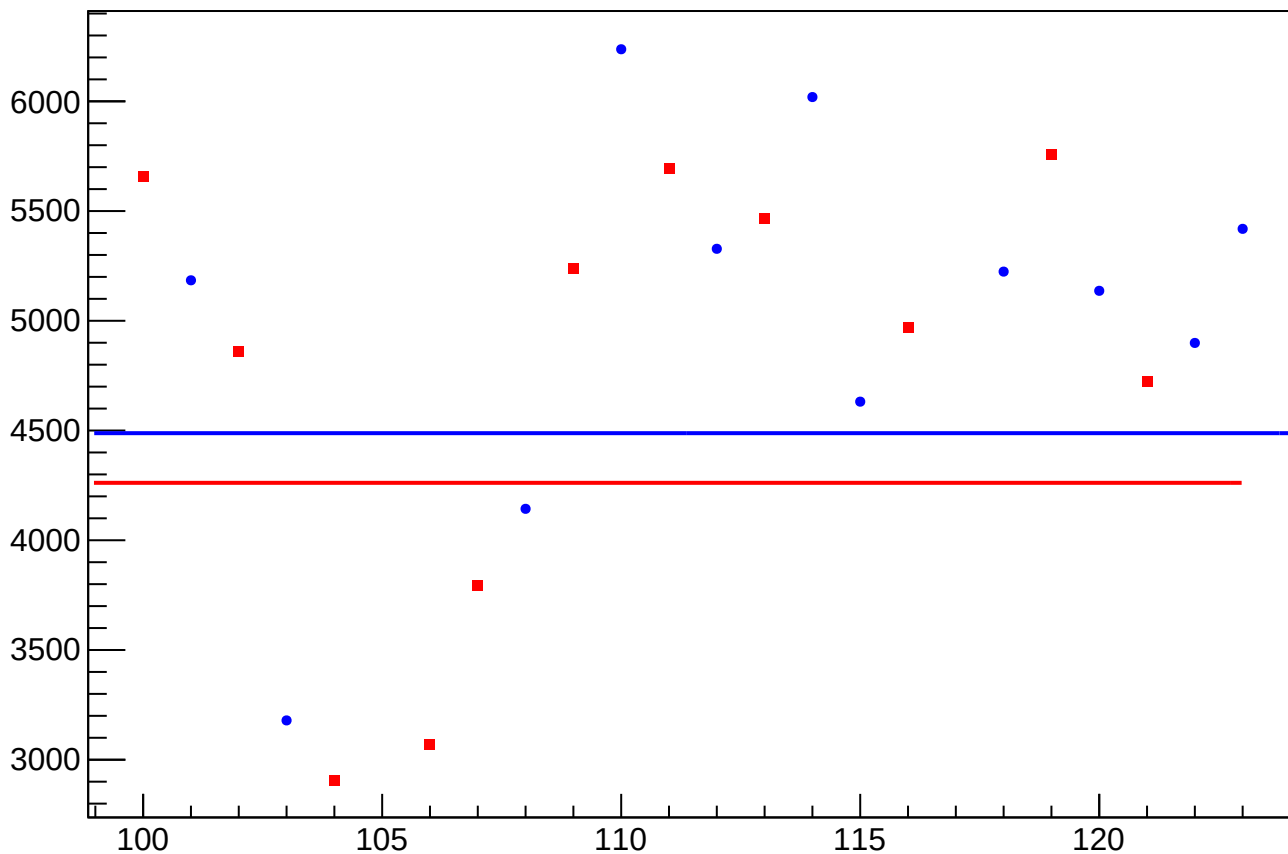
Right: -979.355+/-1529.456 χ^2/NDF : 20.0/21

In: -924.247+/-2258.683 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -979.355+/-1529.456 χ^2/NDF : 20.0/21

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4487.937+/-1.597 χ^2/NDF : 373382.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4261.692+/-1.470 χ^2/NDF : 585785.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

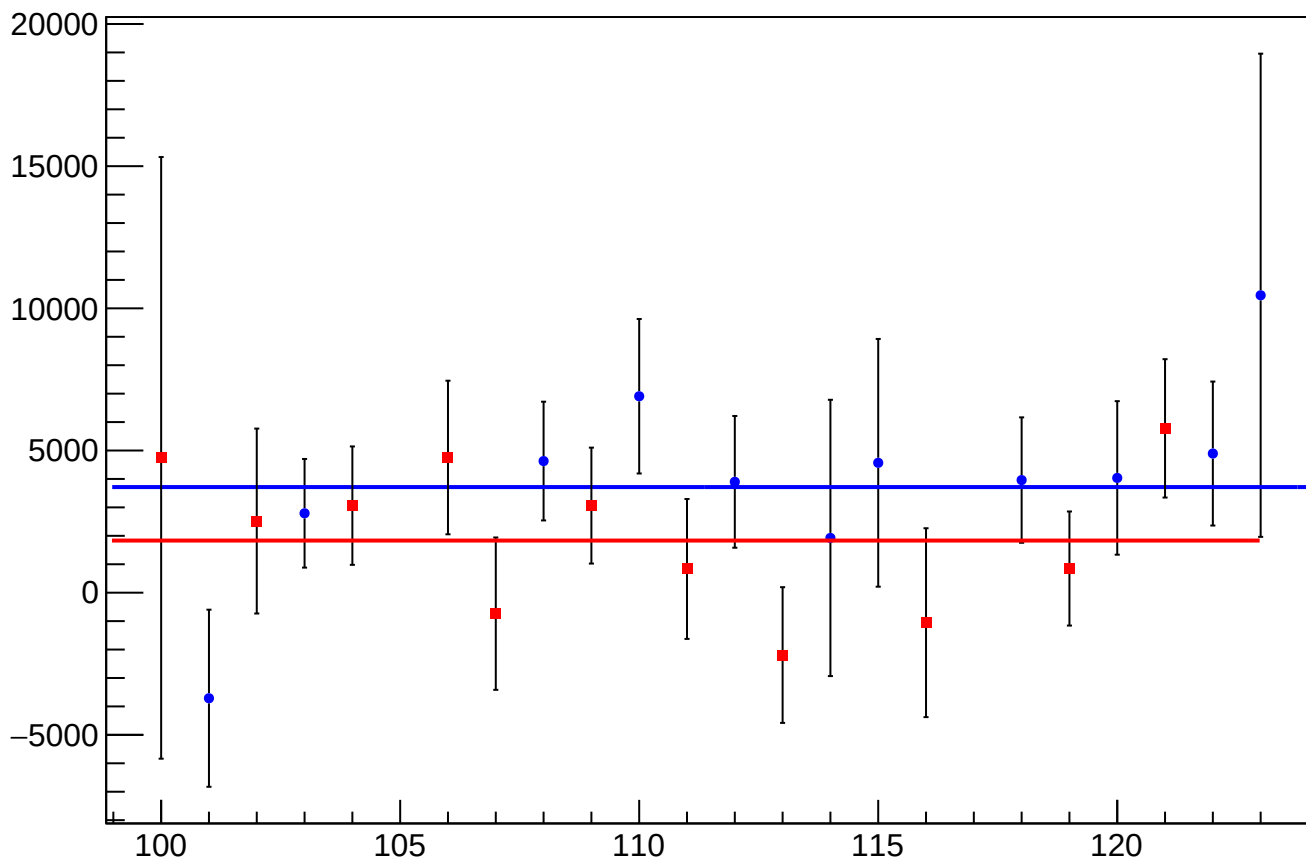
Right: 4365.431+/-1.081 χ^2/NDF : 970033.2/21

In: 4487.937+/-1.597 χ^2/NDF : 373382.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4365.431+/-1.081 χ^2/NDF : 970033.2/21

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3714.333+/-806.830 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1833.635+/-766.961 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

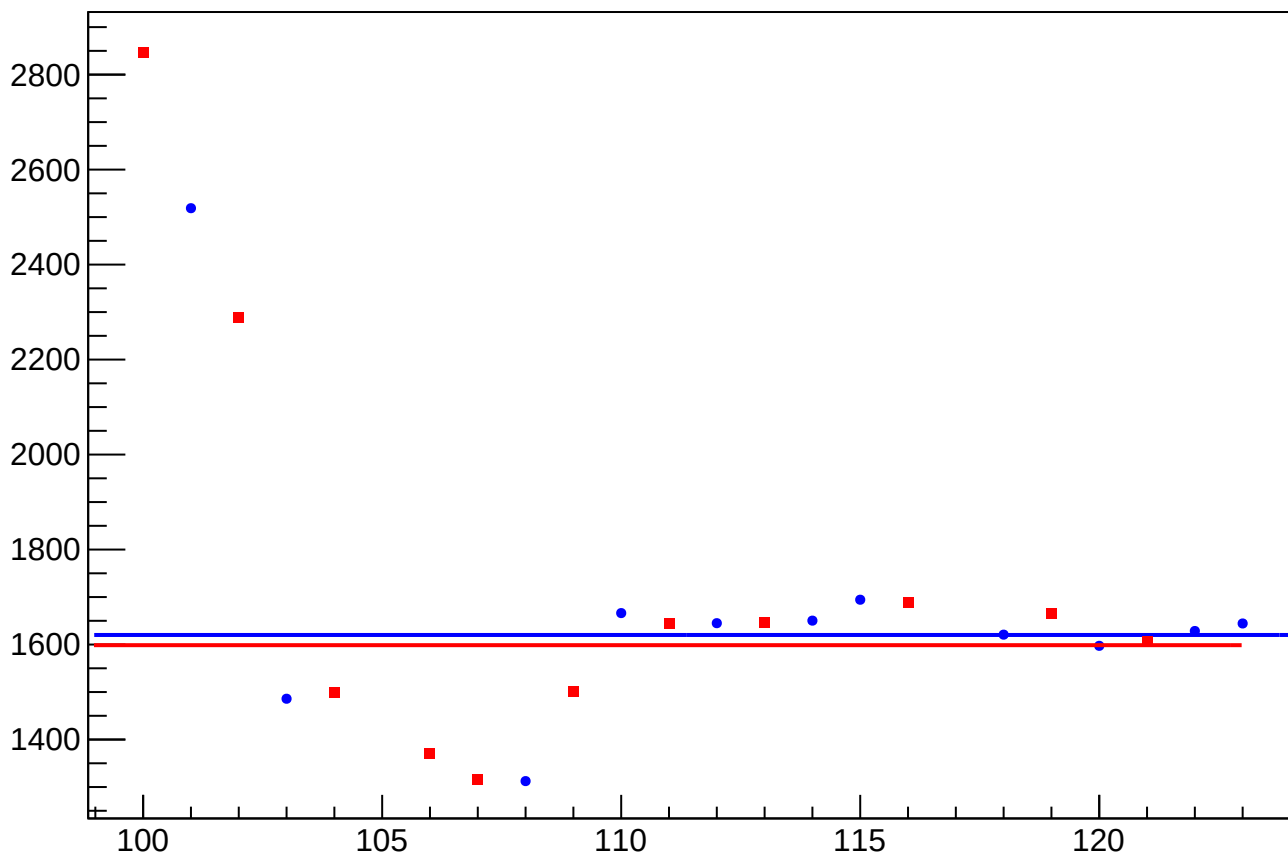
Right: 2726.371+/-555.884 χ^2/NDF : 21.0/21

In: 3714.333+/-806.830 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2726.371+/-555.884 χ^2/NDF : 21.0/21

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1620.169+/-0.571 χ^2/NDF : 221441.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1598.685+/-0.542 χ^2/NDF : 168995.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

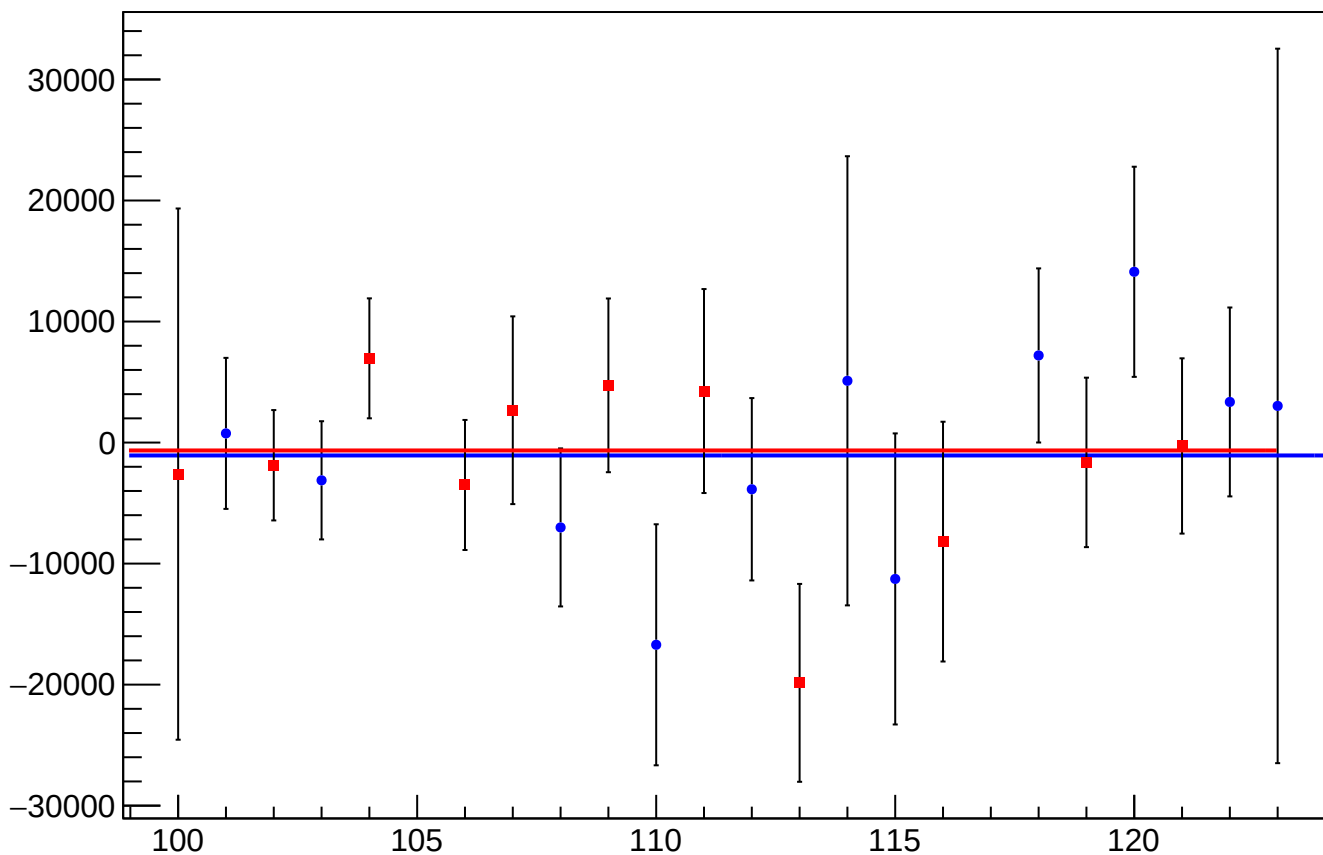
Right: 1608.868+/-0.393 χ^2/NDF : 391182.0/21

In: 1620.169+/-0.571 χ^2/NDF : 221441.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.868+/-0.393 χ^2/NDF : 391182.0/21

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1065.632+/-2365.071 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -652.385+/-2040.026 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

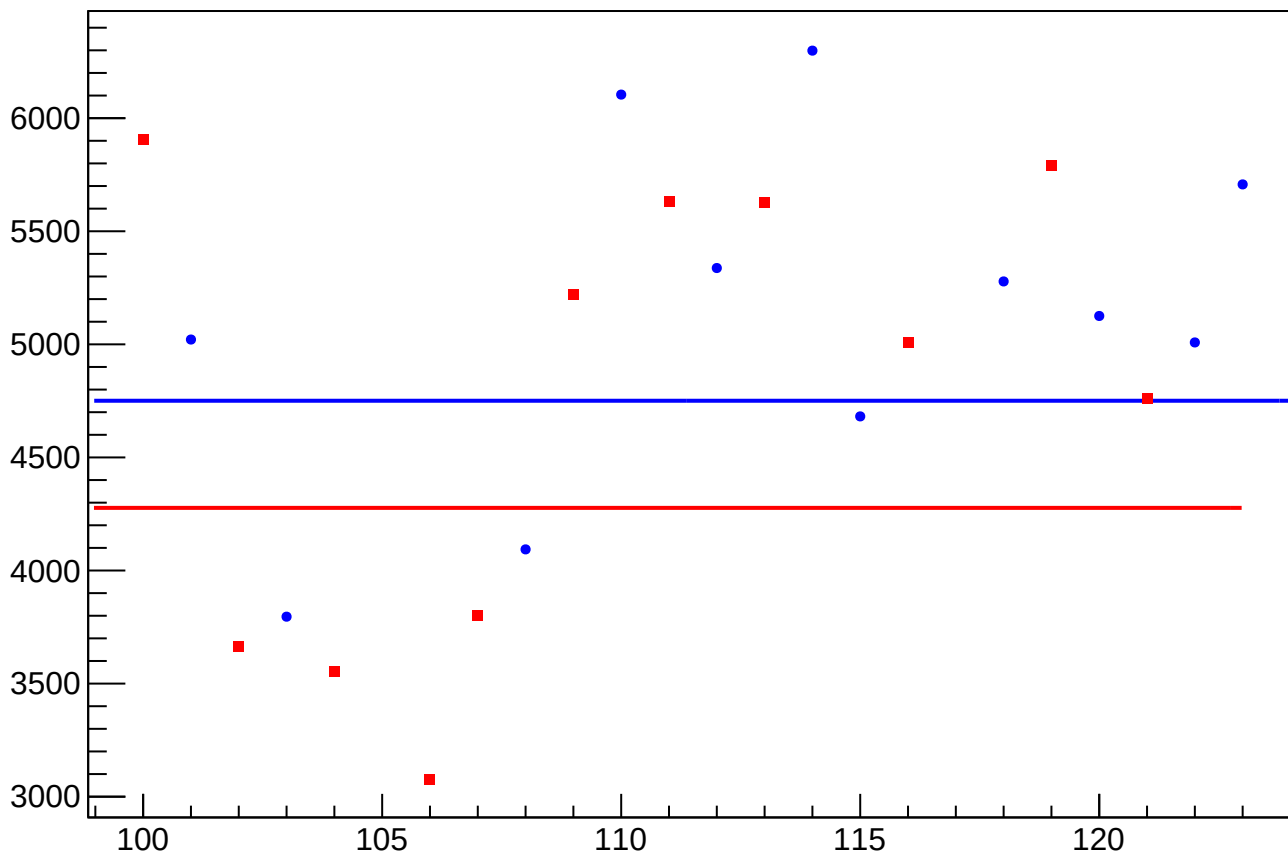
Right: -828.681+/-1544.757 χ^2/NDF : 19.2/21

In: -1065.632+/-2365.071 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -828.681+/-1544.757 χ^2/NDF : 19.2/21

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4750.620+/-1.672 χ^2/NDF : 182334.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4276.969+/-1.443 χ^2/NDF : 450954.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

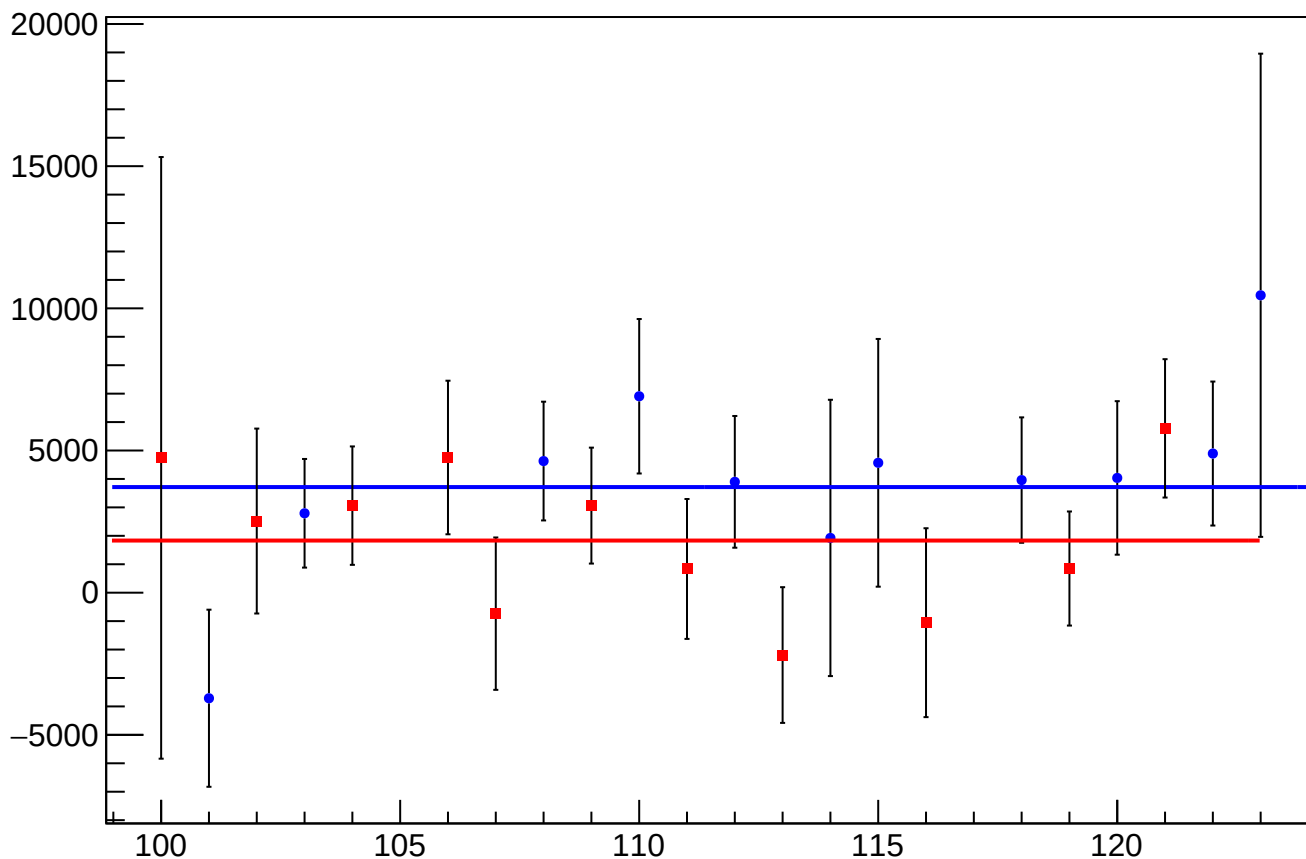
Right: 4479.033+/-1.092 χ^2/NDF : 679284.1/21

In: 4750.620+/-1.672 χ^2/NDF : 182334.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4479.033+/-1.092 χ^2/NDF : 679284.1/21

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3714.325+/-806.830 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1833.639+/-766.961 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

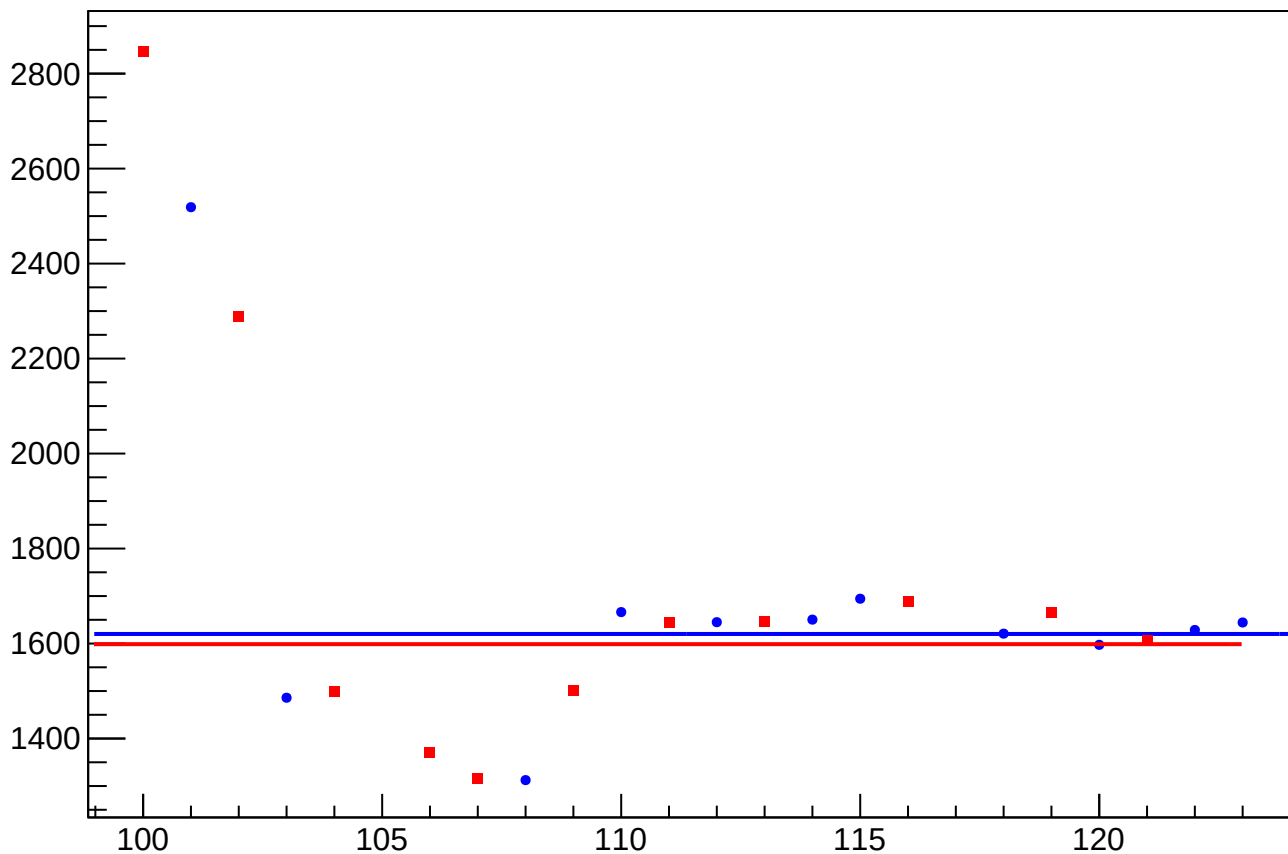
Right: 2726.369+/-555.884 χ^2/NDF : 21.0/21

In: 3714.325+/-806.830 χ^2/NDF :8.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2726.369+/-555.884 χ^2/NDF : 21.0/21

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1620.169+/-0.571 χ^2/NDF : 221441.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1598.685+/-0.542 χ^2/NDF : 168994.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

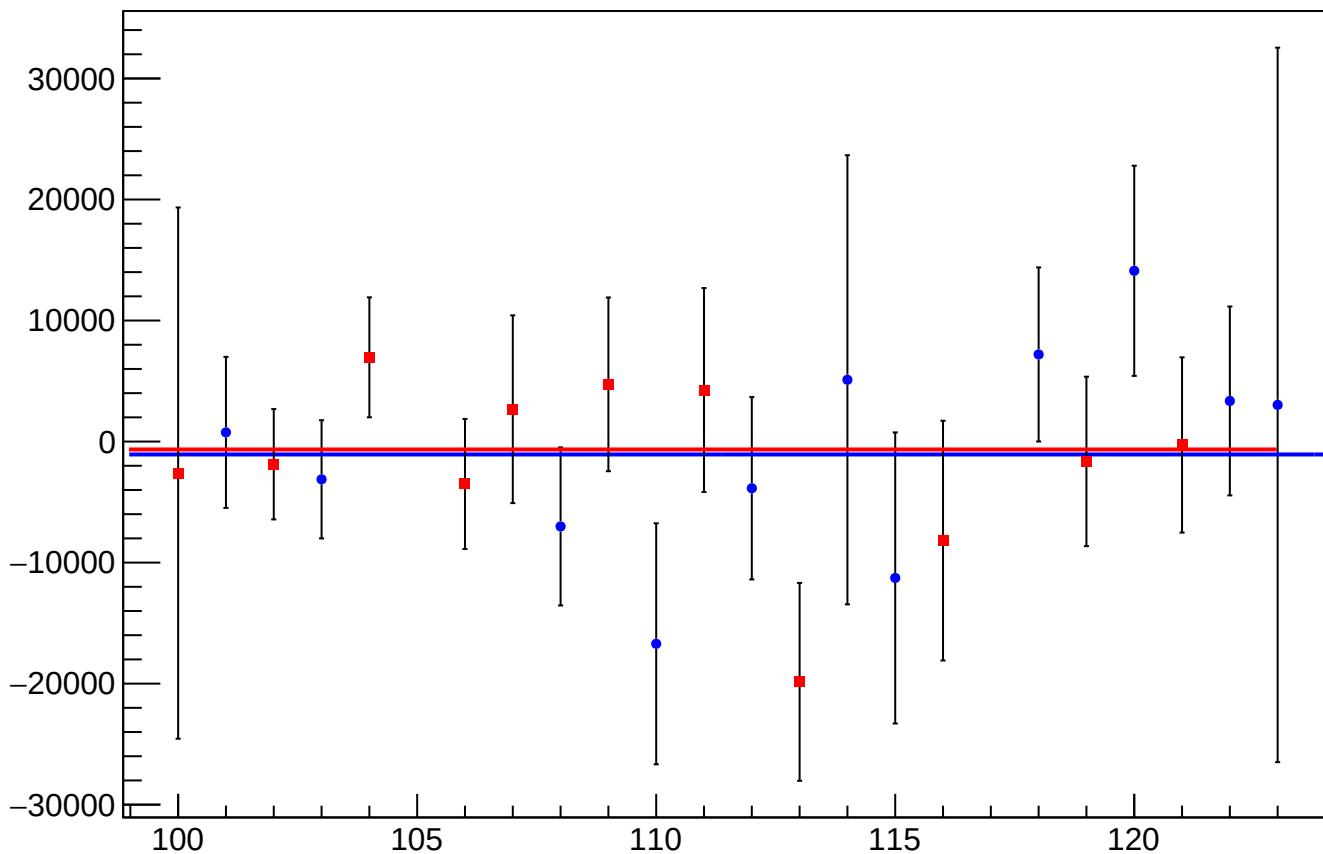
Right: 1608.868+/-0.393 χ^2/NDF : 391181.9/21

In: 1620.169+/-0.571 χ^2/NDF : 221441.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.868+/-0.393 χ^2/NDF : 391181.9/21

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1065.624+/-2365.066 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -652.387+/-2040.022 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

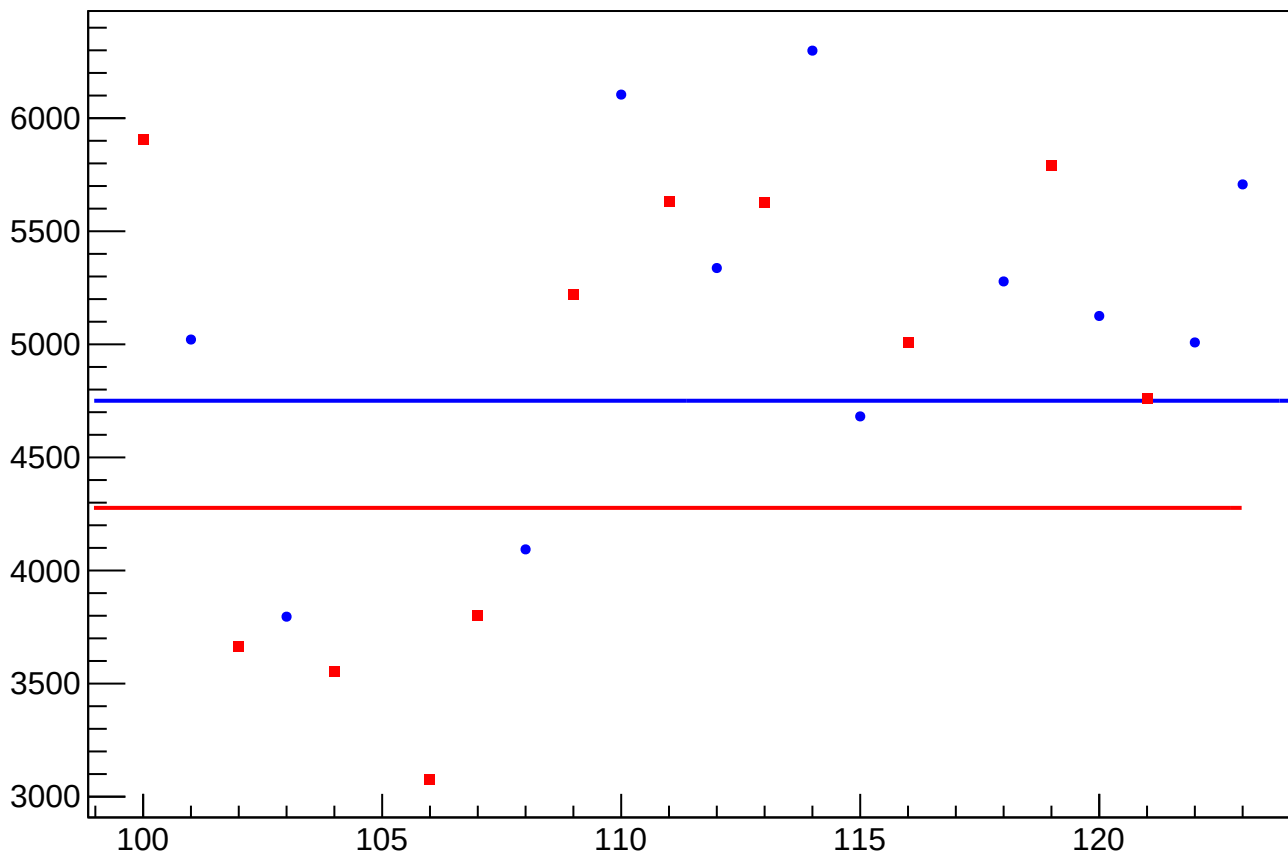
Right: -828.678+/-1544.754 χ^2/NDF : 19.2/21

In: -1065.624+/-2365.066 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -828.678+/-1544.754 χ^2/NDF : 19.2/21

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4750.611+/-1.672 χ^2/NDF : 182331.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4276.962+/-1.443 χ^2/NDF : 450951.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

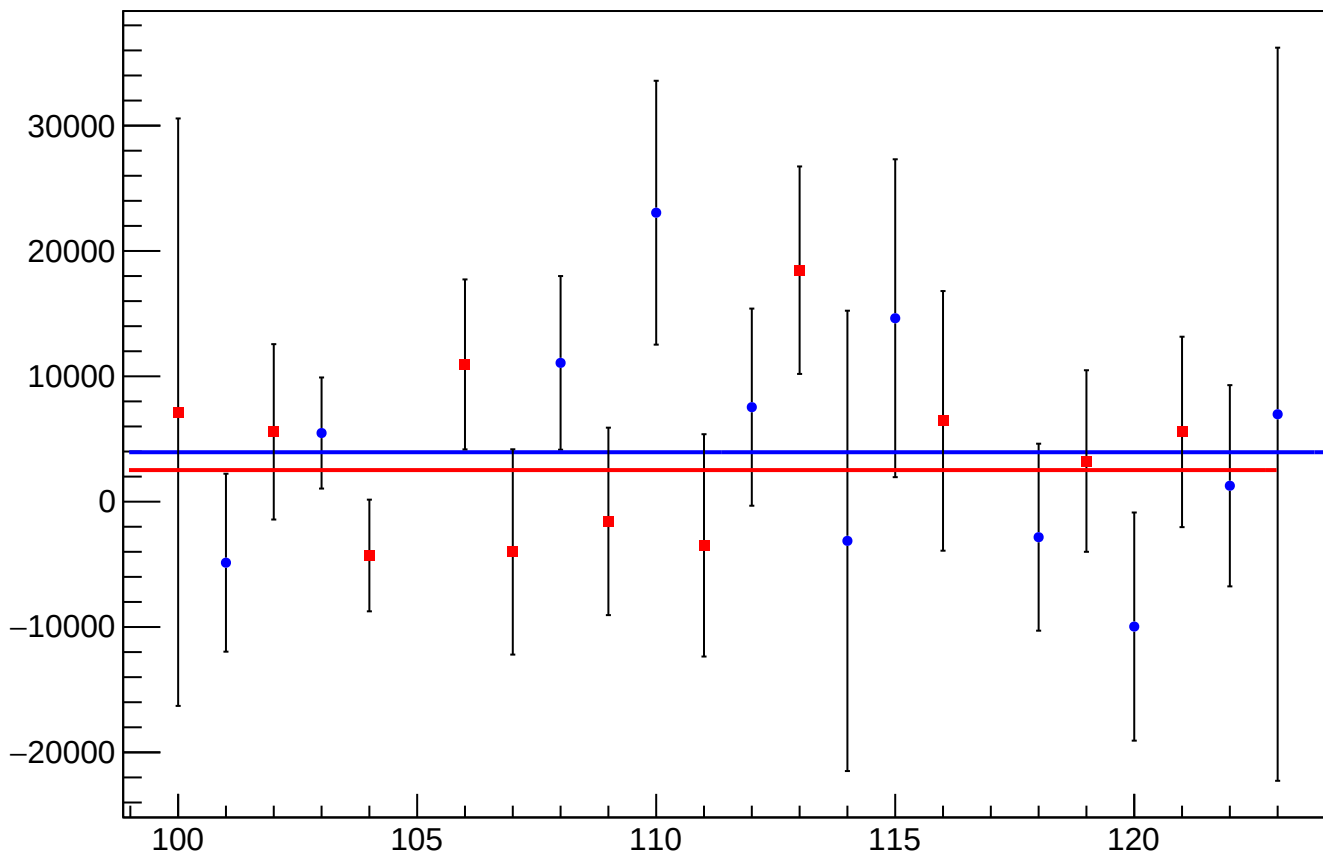
Right: 4479.026+/-1.092 χ^2/NDF : 679277.3/21

In: 4750.611+/-1.672 χ^2/NDF : 182331.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4479.026+/-1.092 χ^2/NDF : 679277.3/21

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3944.542 $\pm$ 2406.140 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2519.681 $\pm$ 2234.714 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

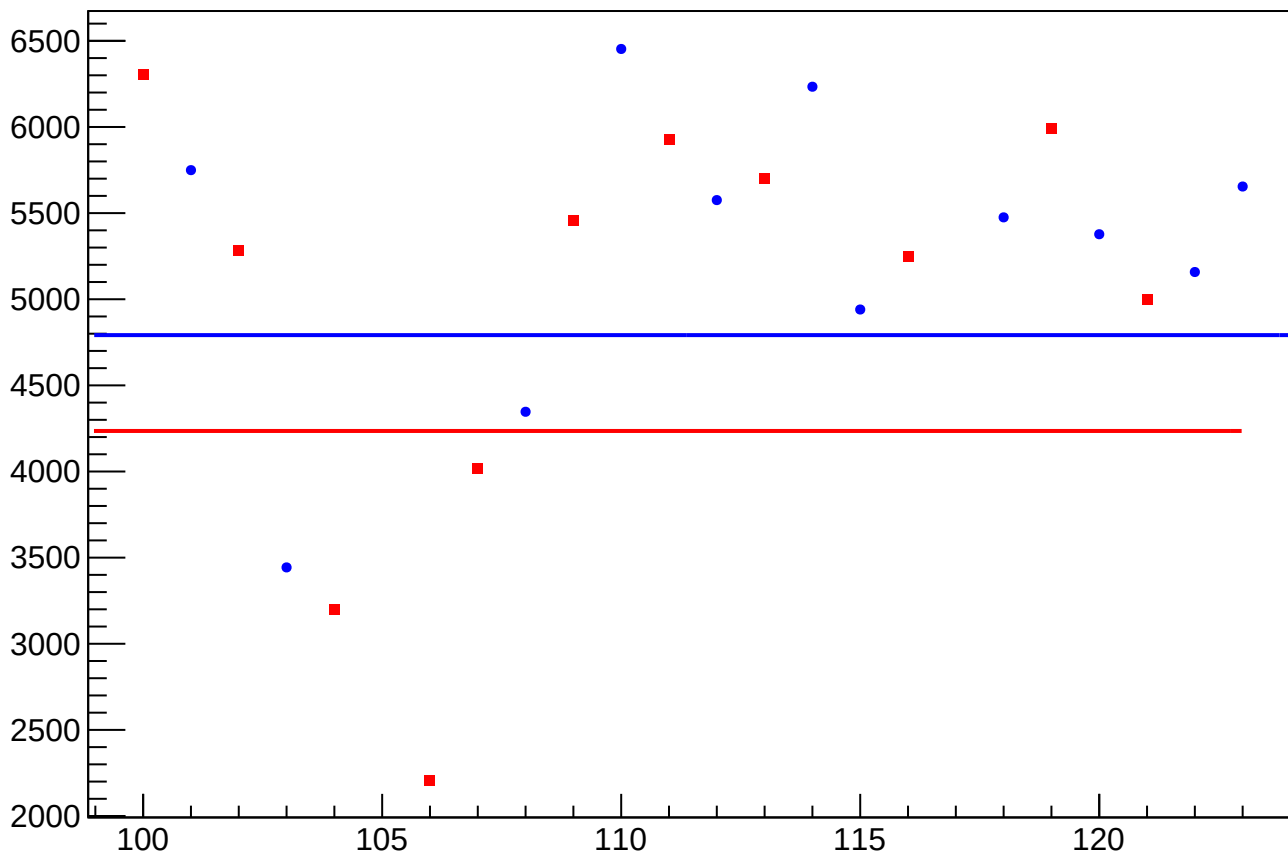
Right: 3179.551 $\pm$ 1637.434 χ^2 /NDF: 20.1/21

In: 3944.542 $\pm$ 2406.140 χ^2 /NDF:10.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3179.551 $\pm$ 1637.434 χ^2 /NDF: 20.1/21

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4791.803+/-1.701 χ^2/NDF : 343124.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4235.341+/-1.497 χ^2/NDF : 883761.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

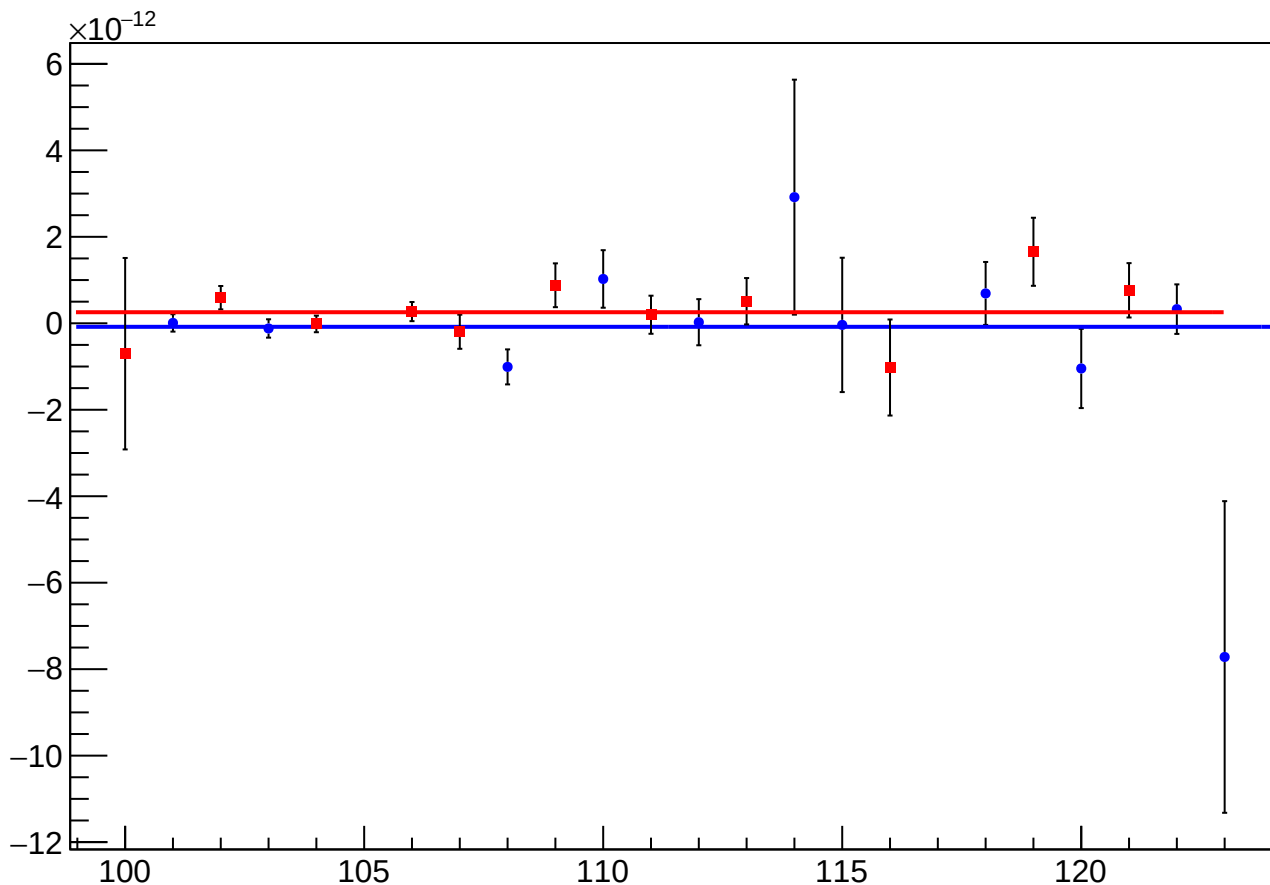
Right: 4478.124+/-1.124 χ^2/NDF : 1287184.1/21

In: 4791.803+/-1.701 χ^2/NDF : 343124.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4478.124+/-1.124 χ^2/NDF : 1287184.1/21

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.7/10

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

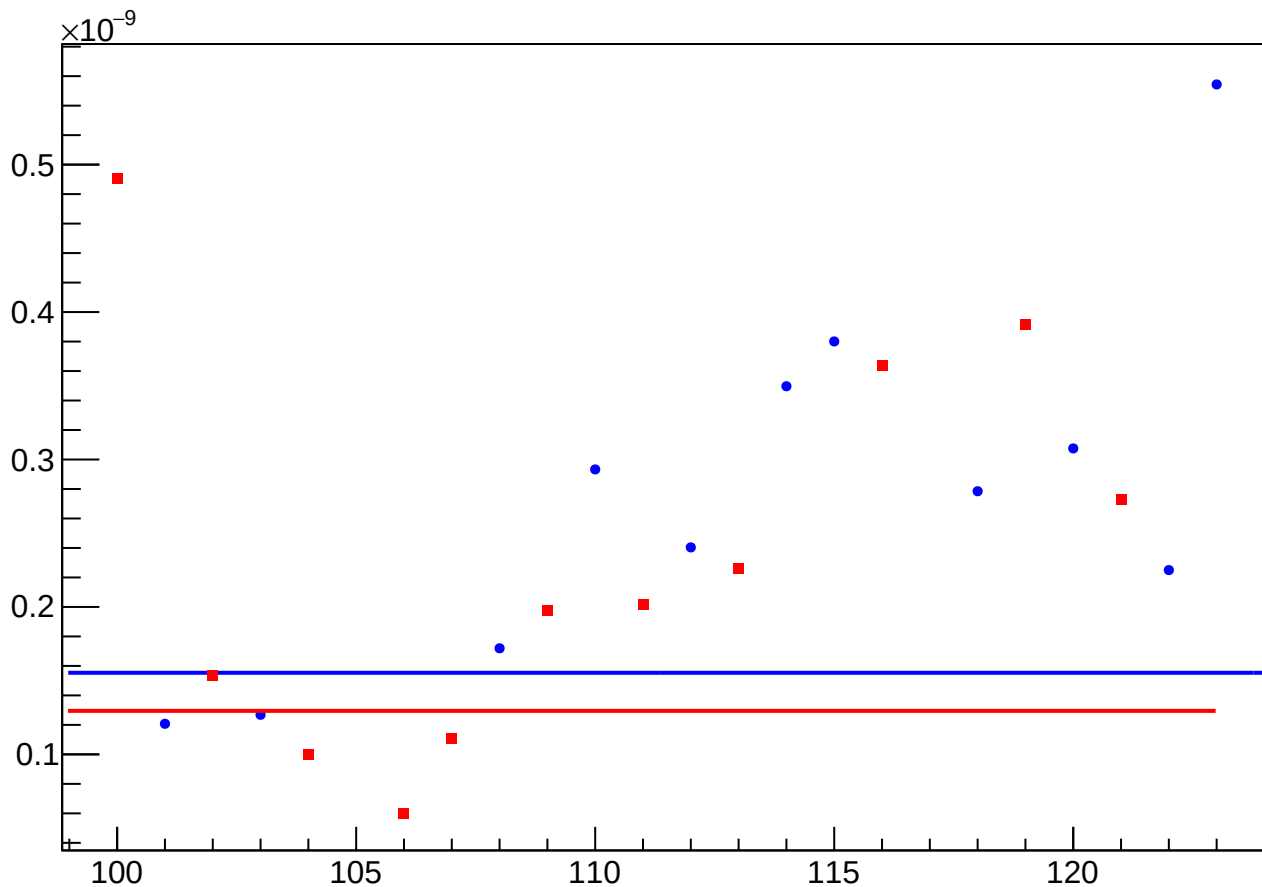
Right: 0.000+/-0.000 χ^2/NDF : 32.9/21

In: -0.000+/-0.000 χ^2/NDF : 16.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.9/21

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453875.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 886661.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

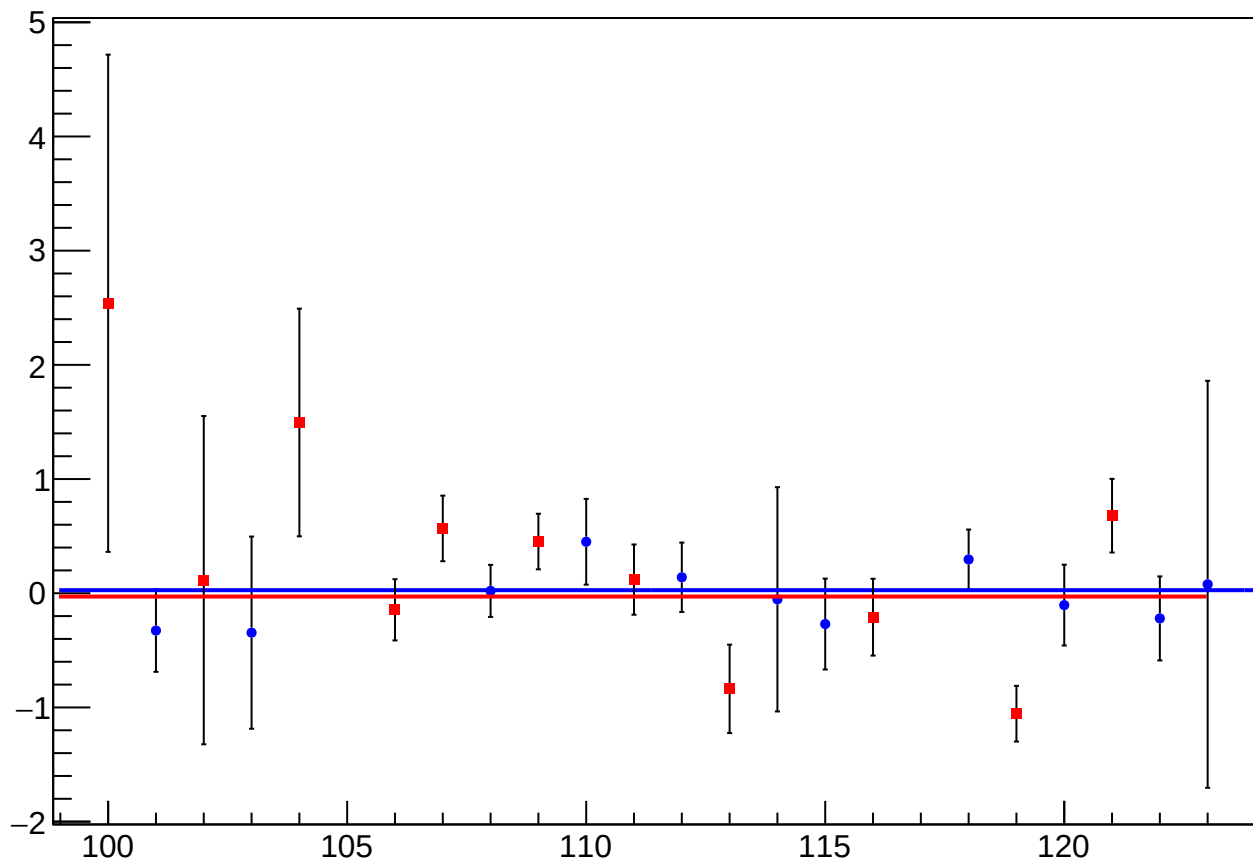
Right: 0.000+/-0.000 χ^2/NDF : 1389944.8/21

In: 0.000+/-0.000 χ^2/NDF : 453875.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1389944.8/21

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.101 χ^2/NDF : 39.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

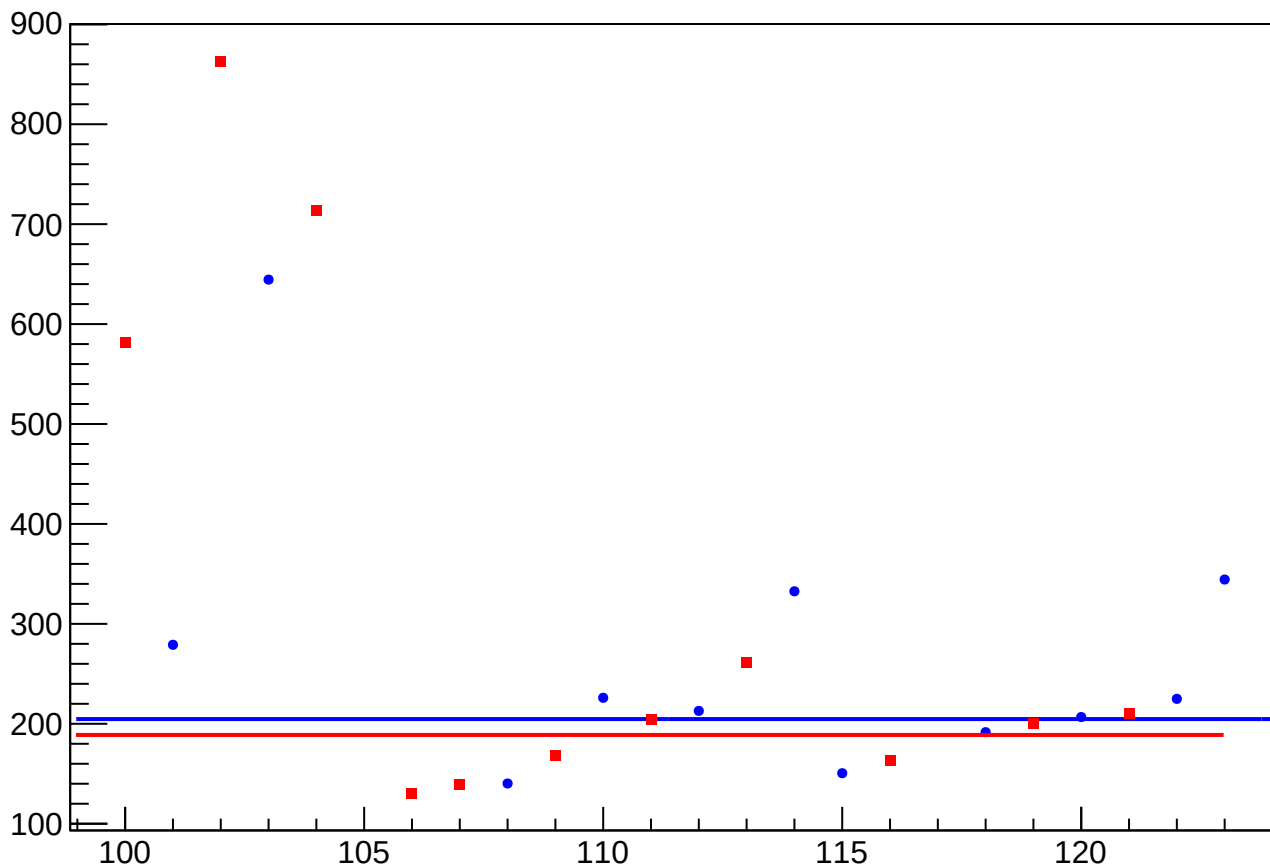
Right: -0.003+/-0.074 χ^2/NDF : 44.5/21

In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.074 χ^2/NDF : 44.5/21

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.714+/-0.077 χ^2/NDF : 892816.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.825+/-0.072 χ^2/NDF : 1329239.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

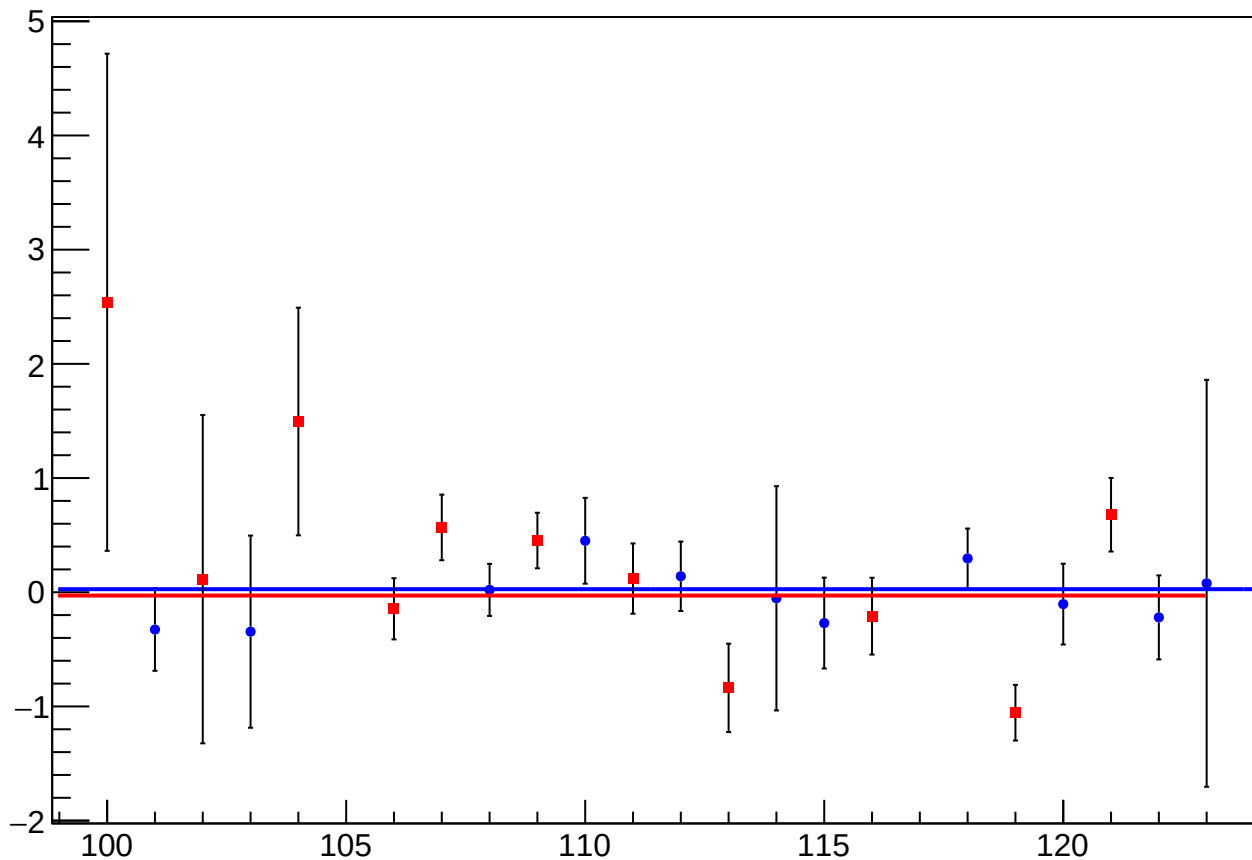
Right: 196.184+/-0.053 χ^2/NDF : 2244782.4/21

In: 204.714+/-0.077 χ^2/NDF : 892816.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.184+/-0.053 χ^2/NDF : 2244782.4/21

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.029+/-0.101 χ^2/NDF : 39.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

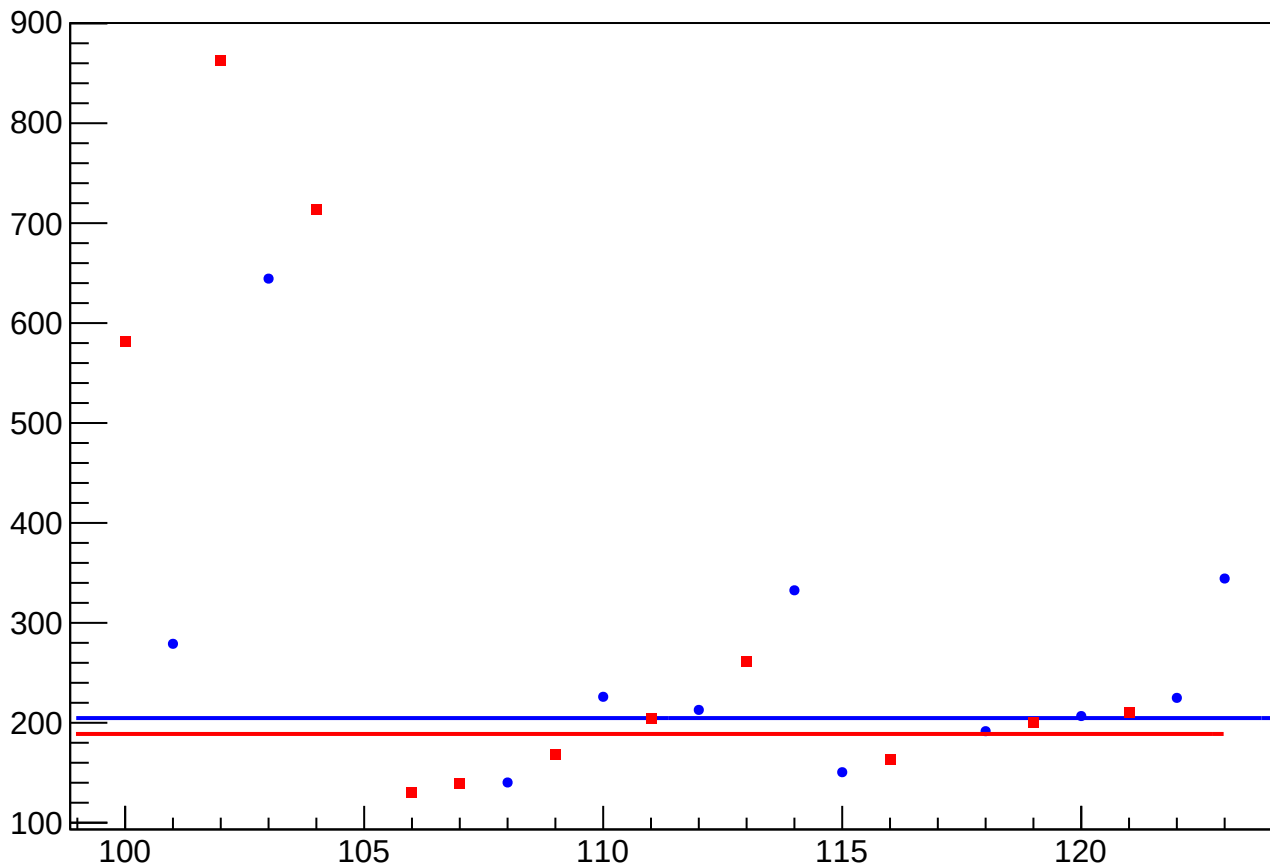
Right: -0.003+/-0.074 χ^2/NDF : 44.5/21

In: 0.027+/-0.109 χ^2/NDF :4.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.074 χ^2/NDF : 44.5/21

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.714+/-0.077 χ^2/NDF : 892816.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.825+/-0.072 χ^2/NDF : 1329239.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

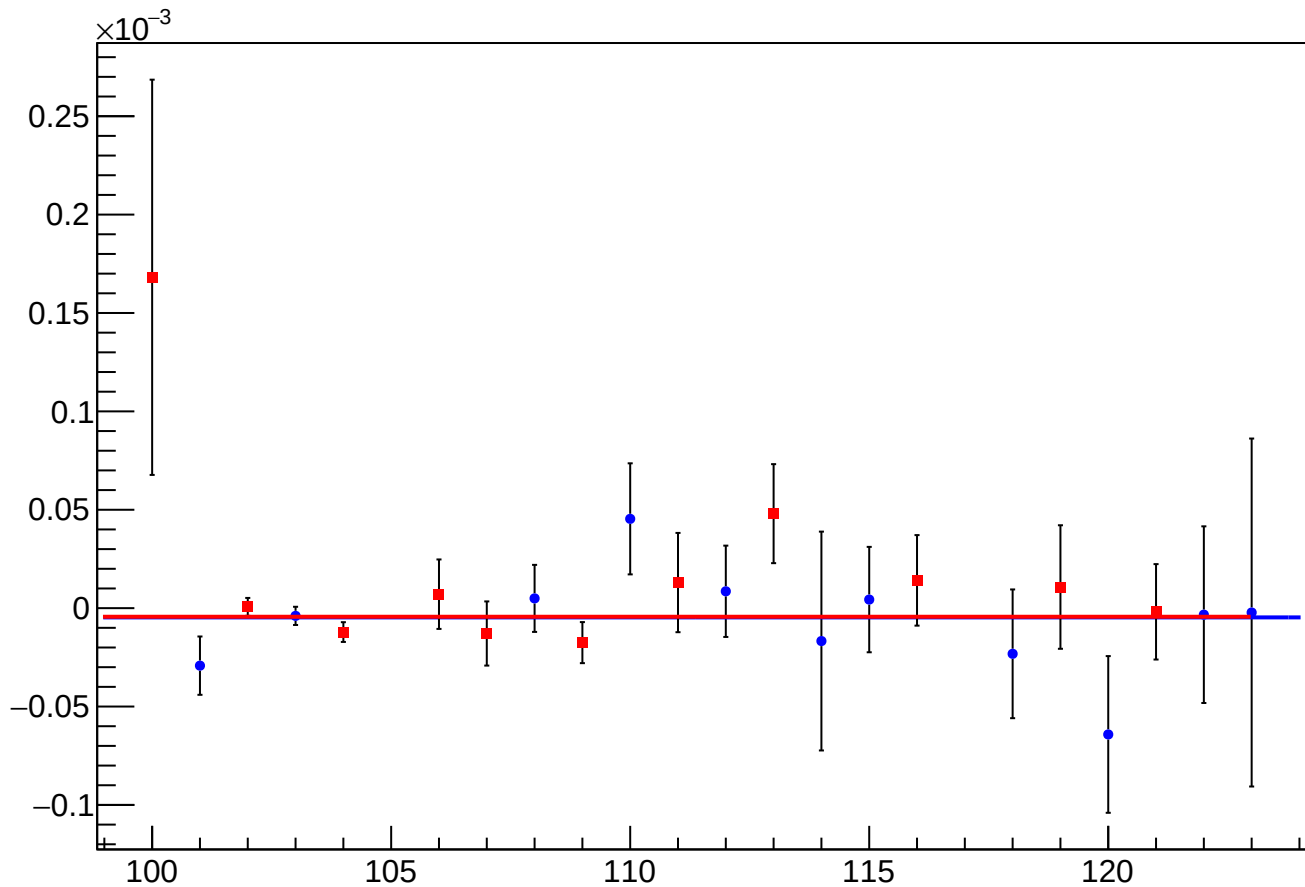
Right: 196.184+/-0.053 χ^2/NDF : 2244782.4/21

In: 204.714+/-0.077 χ^2/NDF : 892816.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.184+/-0.053 χ^2/NDF : 2244782.4/21

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/10

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

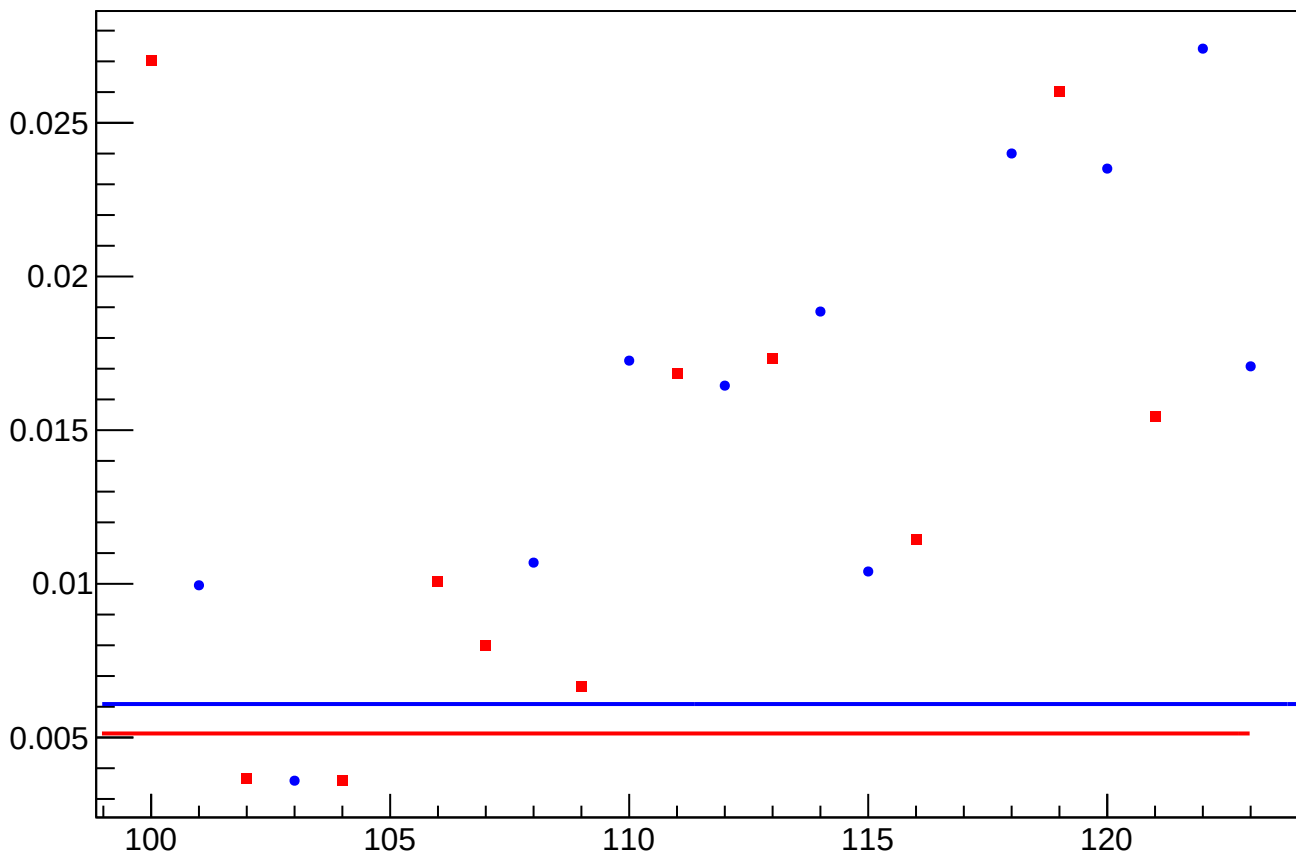
Right: -0.000+/-0.000 χ^2/NDF : 23.8/21

In: -0.000+/-0.000 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/21

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3198166.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3049311.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

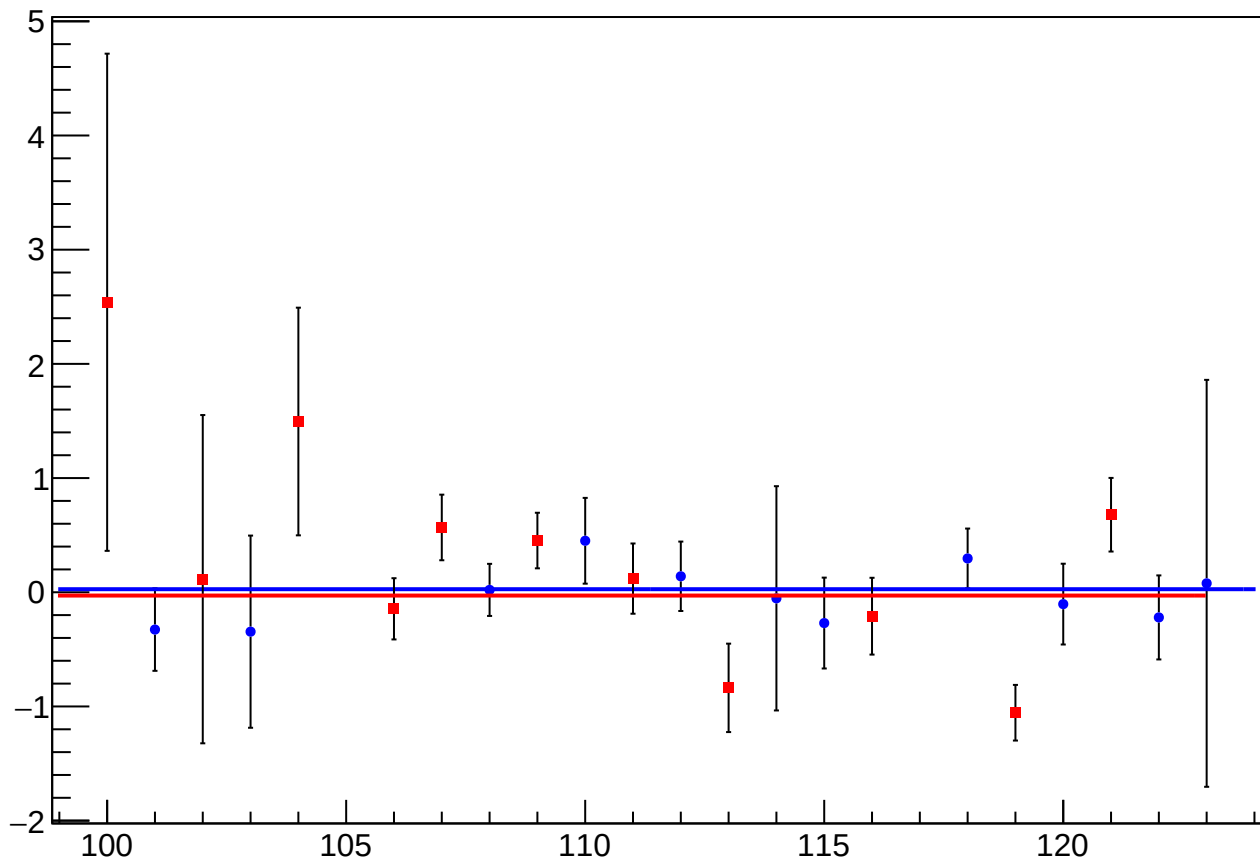
Right: 0.005+/-0.000 χ^2/NDF : 6320528.9/21

In: 0.006+/-0.000 χ^2/NDF :3198166.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 6320528.9/21

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.101 χ^2/NDF : 39.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

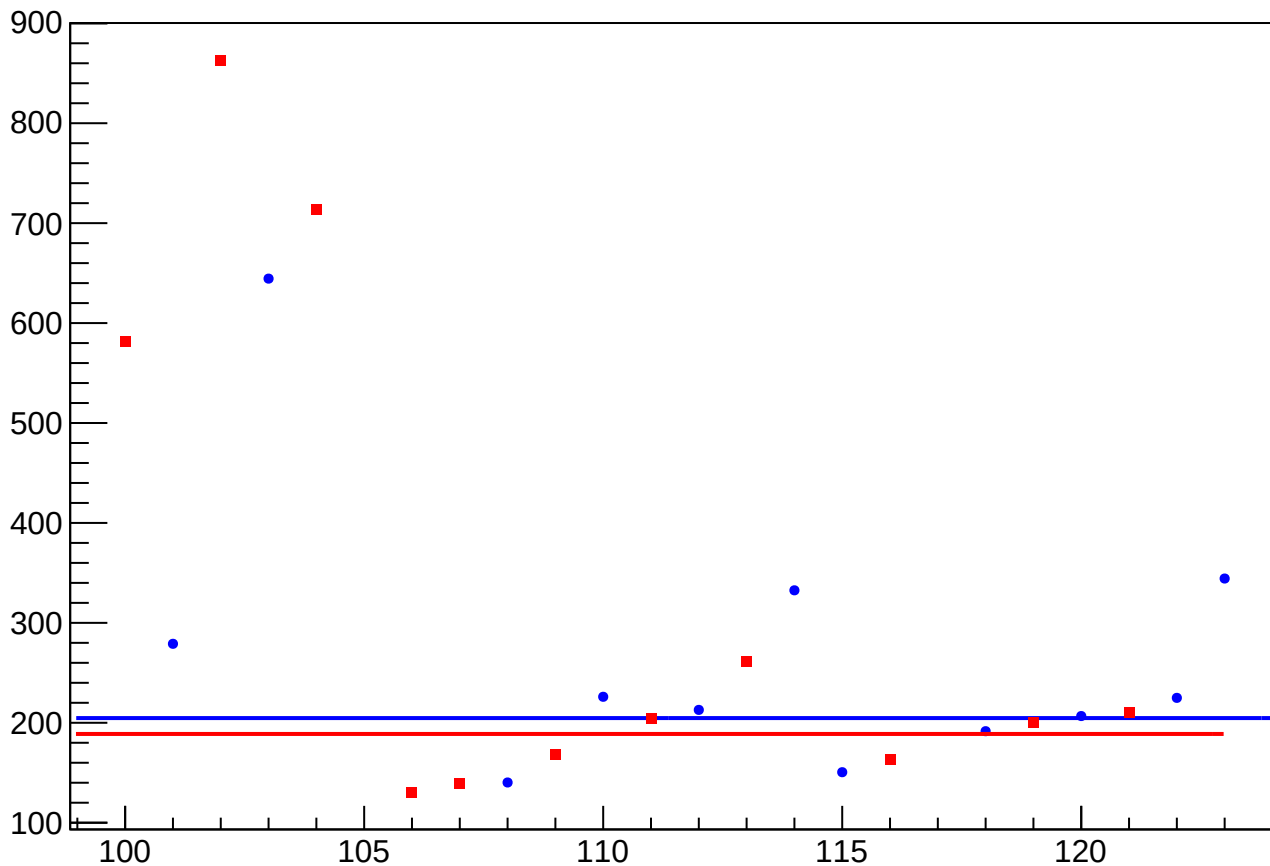
Right: -0.003+/-0.074 χ^2/NDF : 44.5/21

In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.074 χ^2/NDF : 44.5/21

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.713+/-0.077 χ^2/NDF : 892824.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.825+/-0.072 χ^2/NDF : 1329232.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

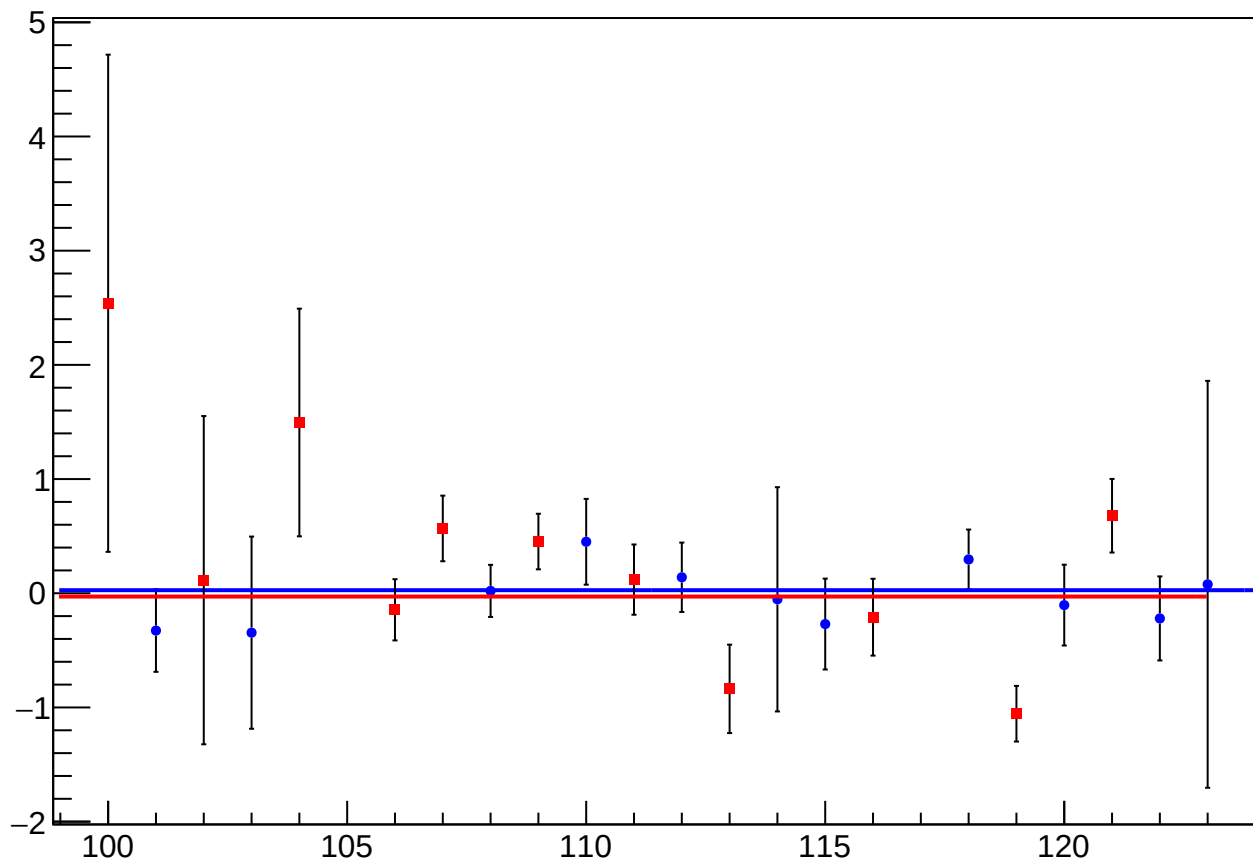
Right: 196.184+/-0.053 χ^2/NDF : 2244781.3/21

In: 204.713+/-0.077 χ^2/NDF : 892824.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.184+/-0.053 χ^2/NDF : 2244781.3/21

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.101 χ^2/NDF : 39.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

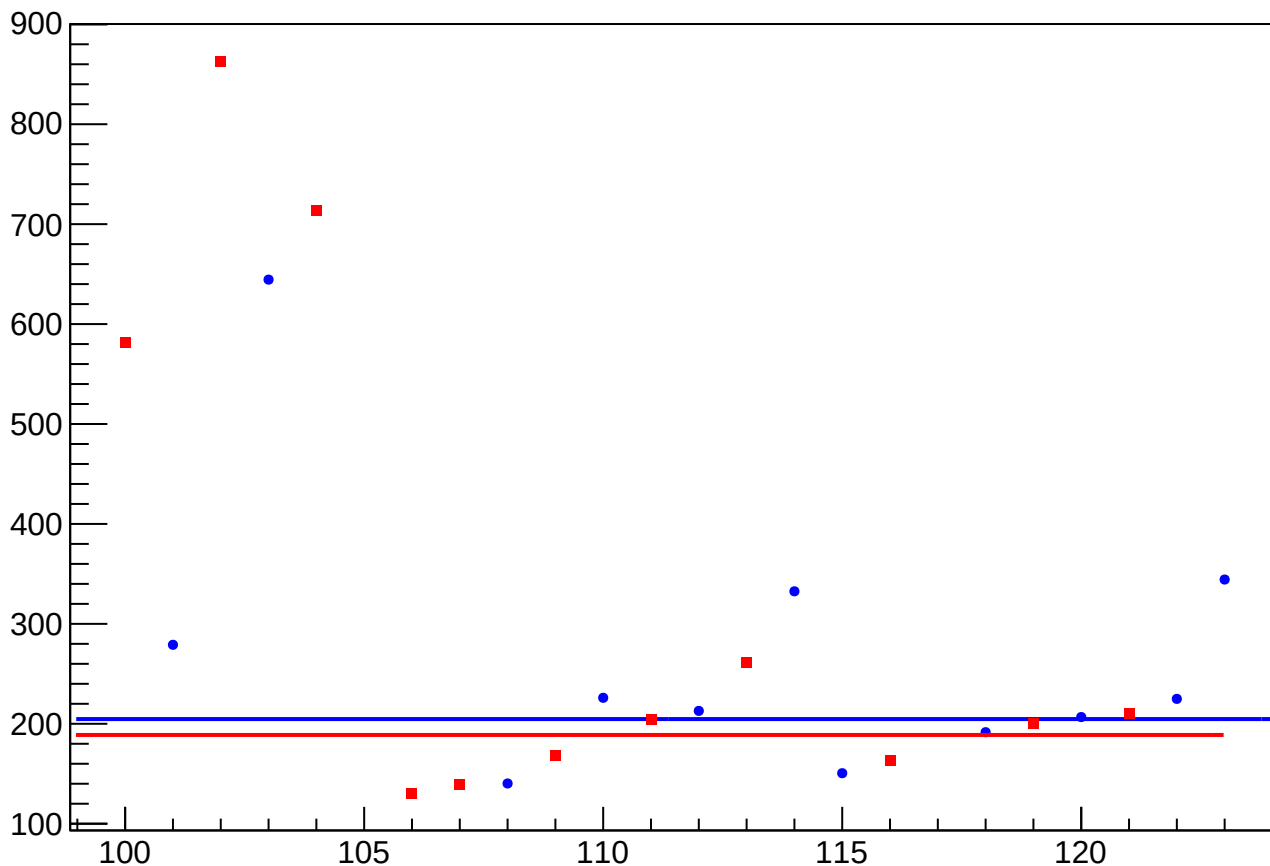
Right: -0.003+/-0.074 χ^2/NDF : 44.5/21

In: 0.027+/-0.109 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.074 χ^2/NDF : 44.5/21

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.713+/-0.077 χ^2/NDF : 892824.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.825+/-0.072 χ^2/NDF : 1329232.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

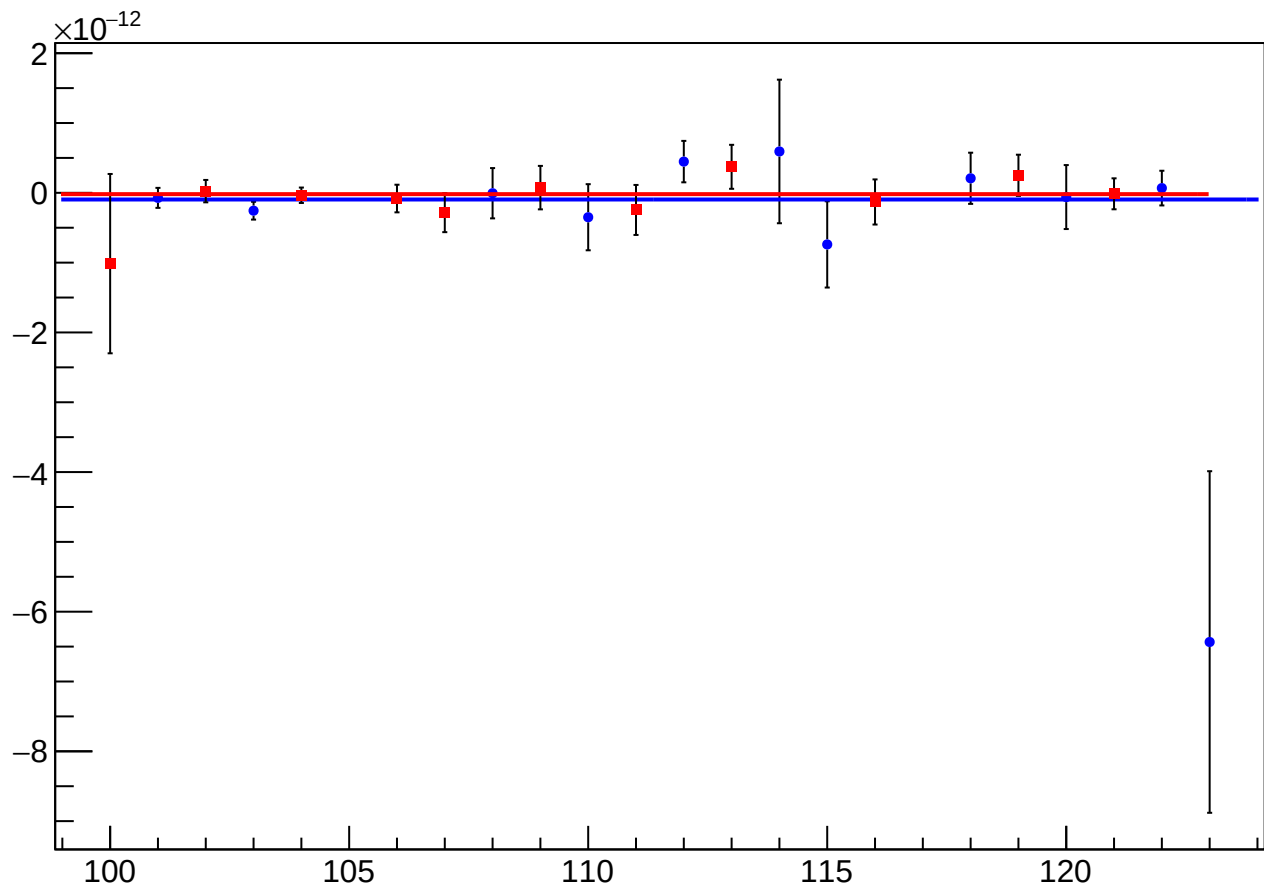
Right: 196.184+/-0.053 χ^2/NDF : 2244781.3/21

In: 204.713+/-0.077 χ^2/NDF : 892824.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.184+/-0.053 χ^2/NDF : 2244781.3/21

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.7/10

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

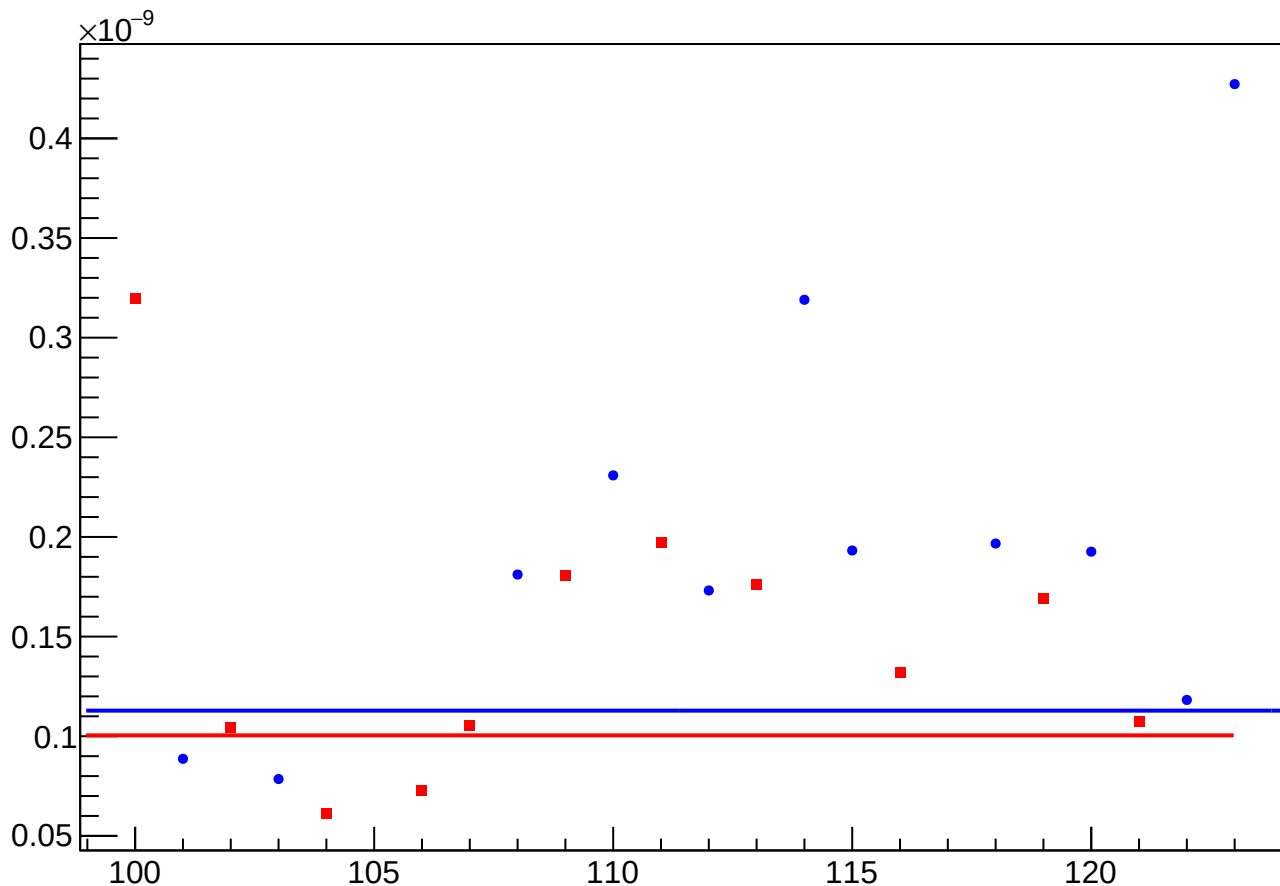
Right: -0.000+/-0.000 χ^2/NDF : 19.9/21

In: -0.000+/-0.000 χ^2/NDF : 14.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/21

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 793928.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 875887.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

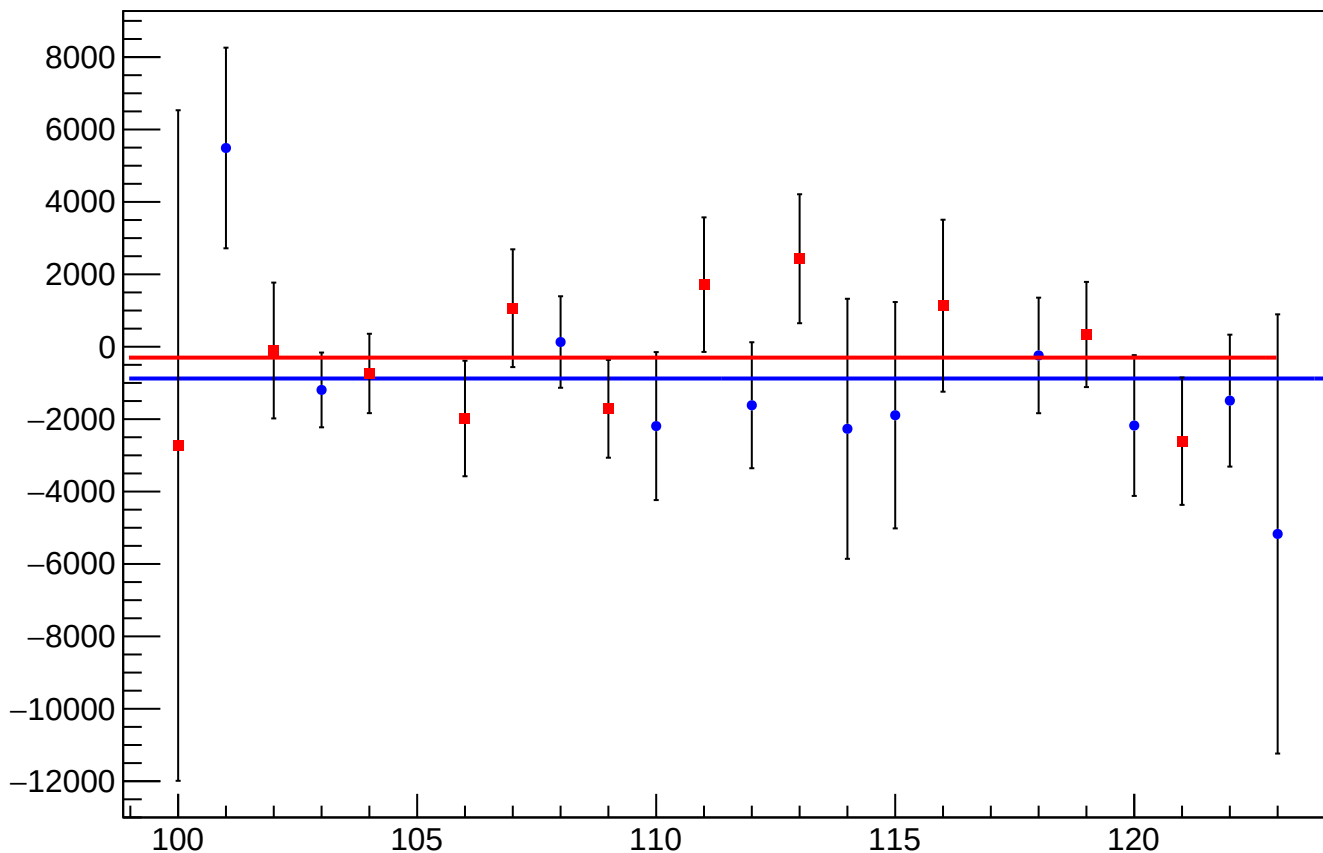
Right: 0.000+/-0.000 χ^2/NDF : 1699463.3/21

In: 0.000+/-0.000 χ^2/NDF : 793928.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1699463.3/21

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -877.506+/-539.992 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.484+/-498.389 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

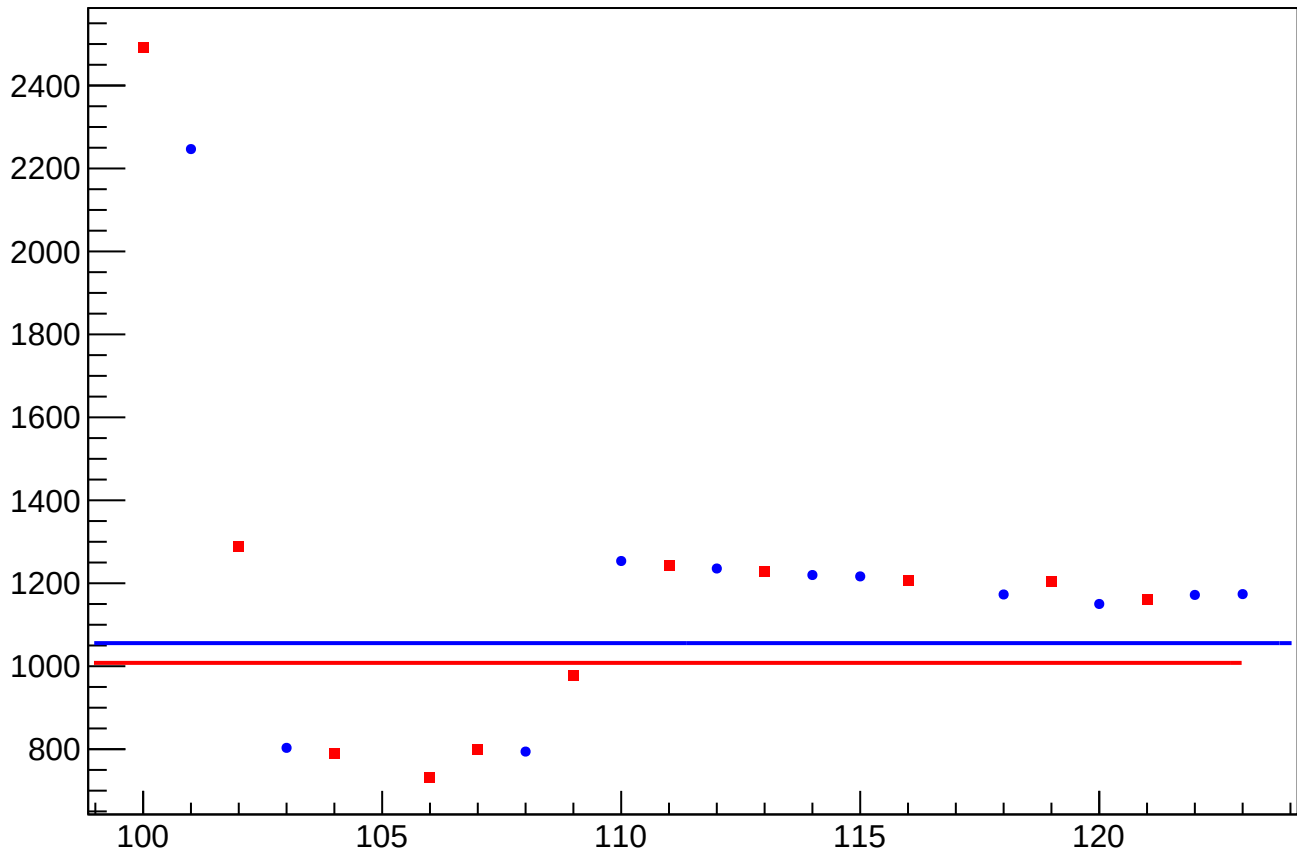
Right: -565.913+/-366.240 χ^2/NDF : 17.6/21

In: -877.506+/-539.992 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.913+/-366.240 χ^2/NDF : 17.6/21

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1055.693+/-0.382 χ^2/NDF : 648745.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.083+/-0.348 χ^2/NDF : 413206.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

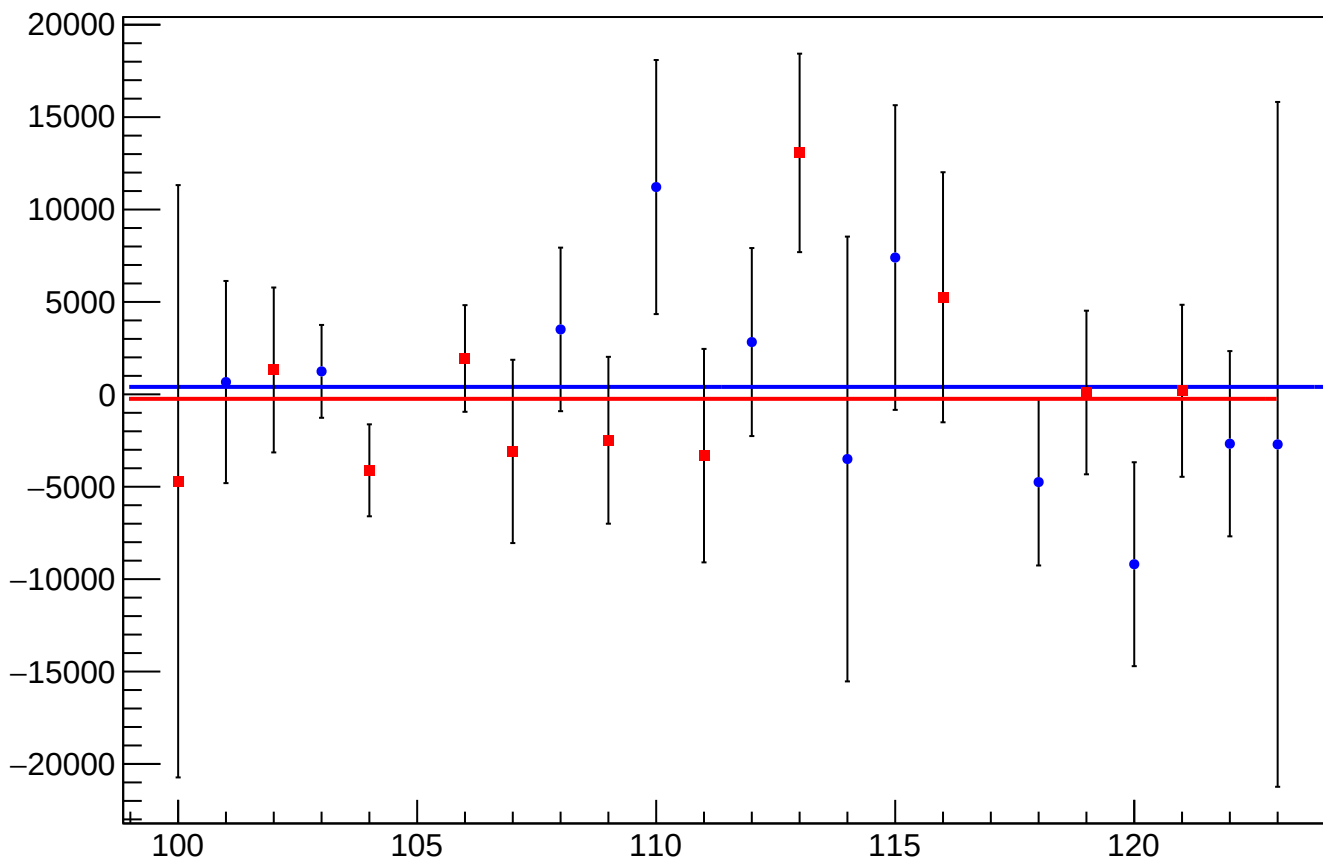
Right: 1029.696+/-0.257 χ^2/NDF : 1070440.8/21

In: 1055.693+/-0.382 χ^2/NDF : 648745.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.696+/-0.257 χ^2/NDF : 1070440.8/21

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 402.819 $\pm$ 1492.332 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -243.532 $\pm$ 1281.245 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

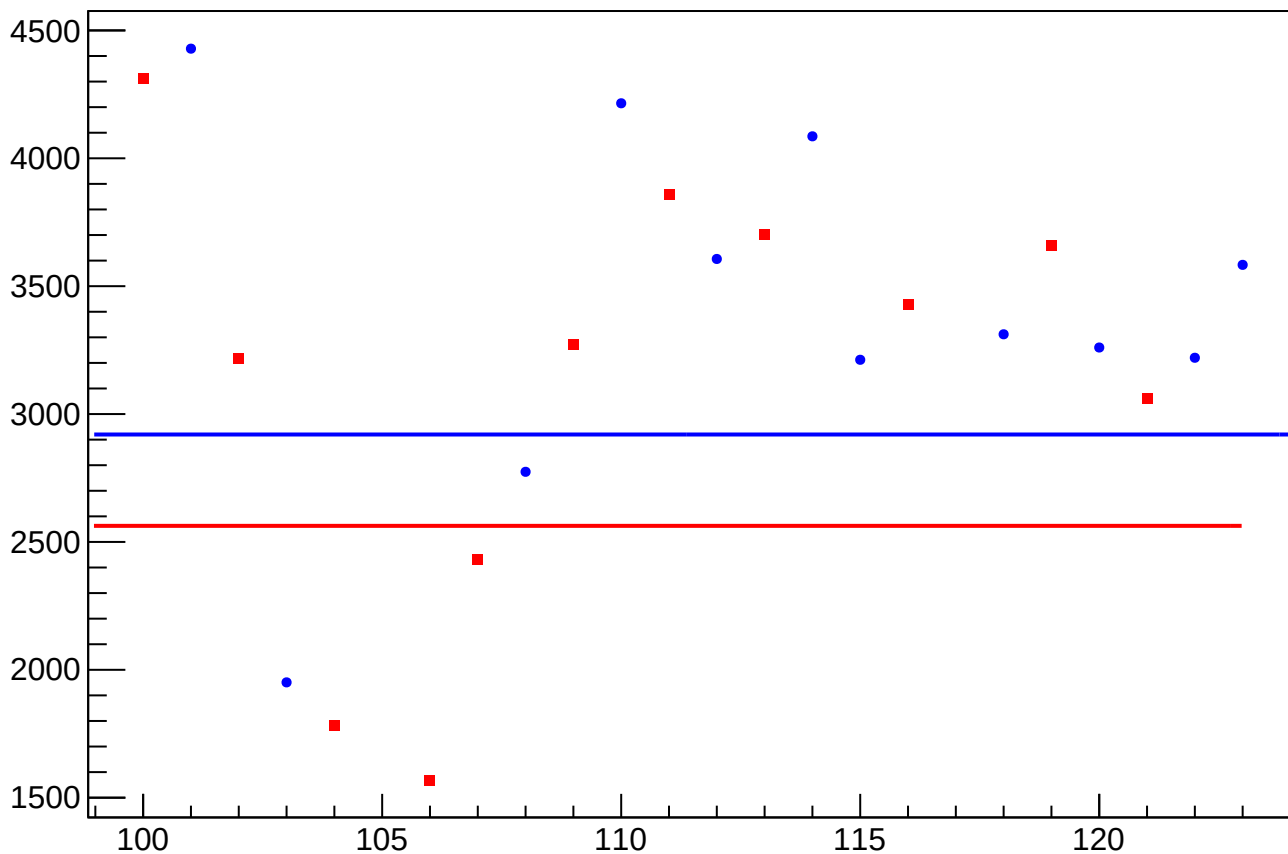
Right: 30.736 $\pm$ 972.116 χ^2 /NDF: 19.8/21

In: 402.819 $\pm$ 1492.332 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.736 $\pm$ 972.116 χ^2 /NDF: 19.8/21

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2920.067+/-1.055 χ^2/NDF : 613047.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2562.880+/-0.906 χ^2/NDF : 920315.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

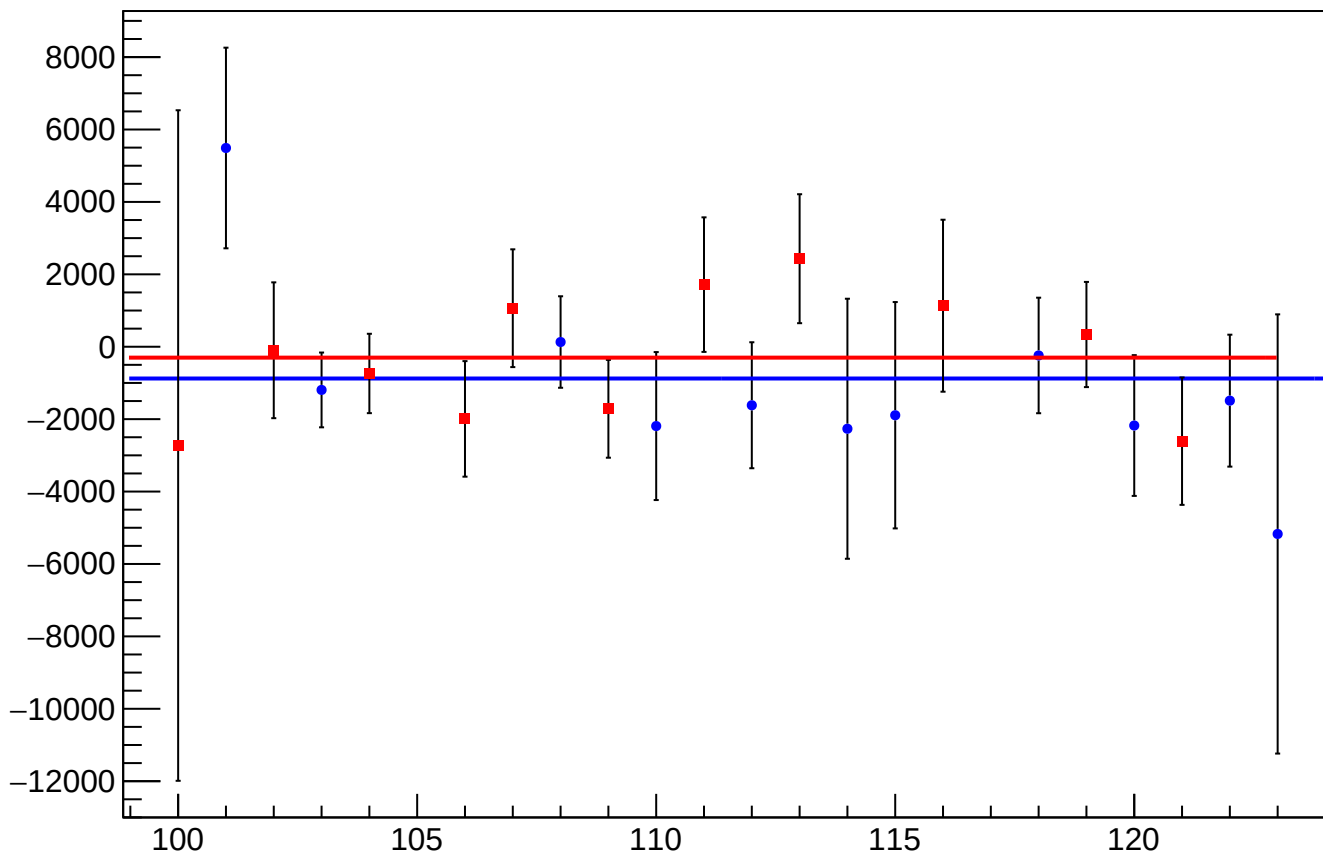
Right: 2714.446+/-0.687 χ^2/NDF : 1599319.8/21

In: 2920.067+/-1.055 χ^2/NDF : 613047.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2714.446+/-0.687 χ^2/NDF : 1599319.8/21

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -877.446+/-539.992 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.951+/-498.396 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

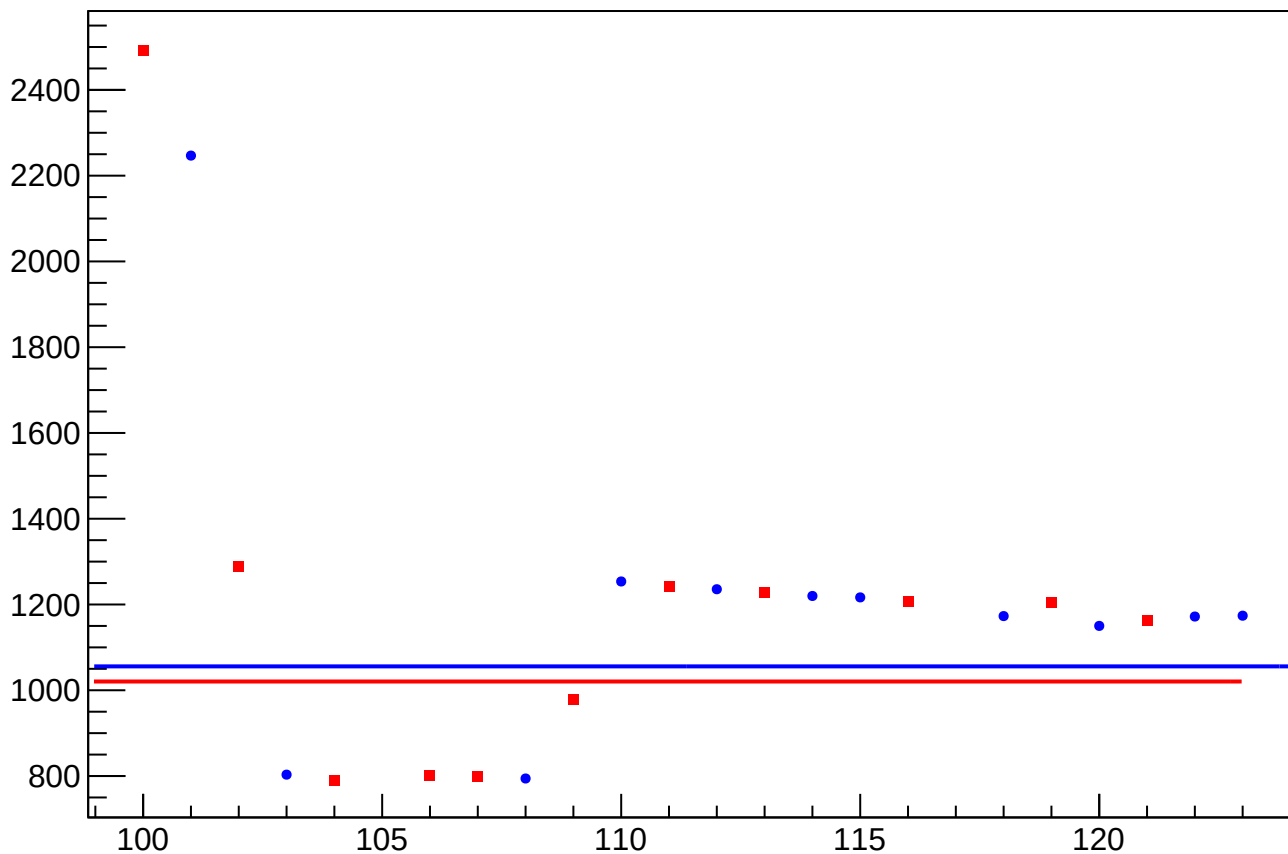
Right: -566.142+/-366.243 χ^2/NDF : 17.7/21

In: -877.446+/-539.992 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.142+/-366.243 χ^2/NDF : 17.7/21

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1055.694+/-0.382 χ^2/NDF : 648742.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1020.422+/-0.351 χ^2/NDF : 372449.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

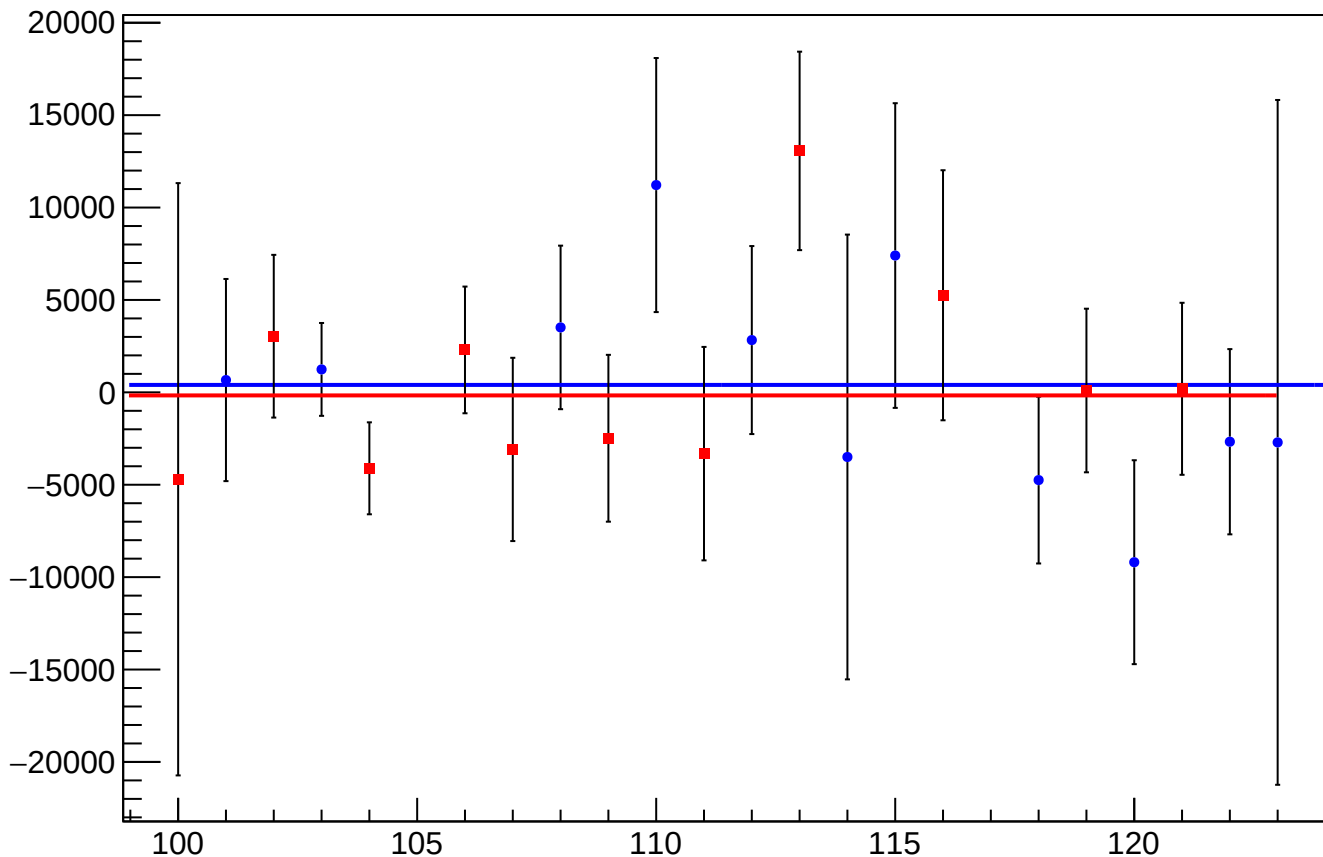
Right: 1036.598+/-0.259 χ^2/NDF : 1025811.8/21

In: 1055.694+/-0.382 χ^2/NDF :648742.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1036.598+/-0.259 χ^2/NDF : 1025811.8/21

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 401.940+/-1492.421 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.018+/-1318.148 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

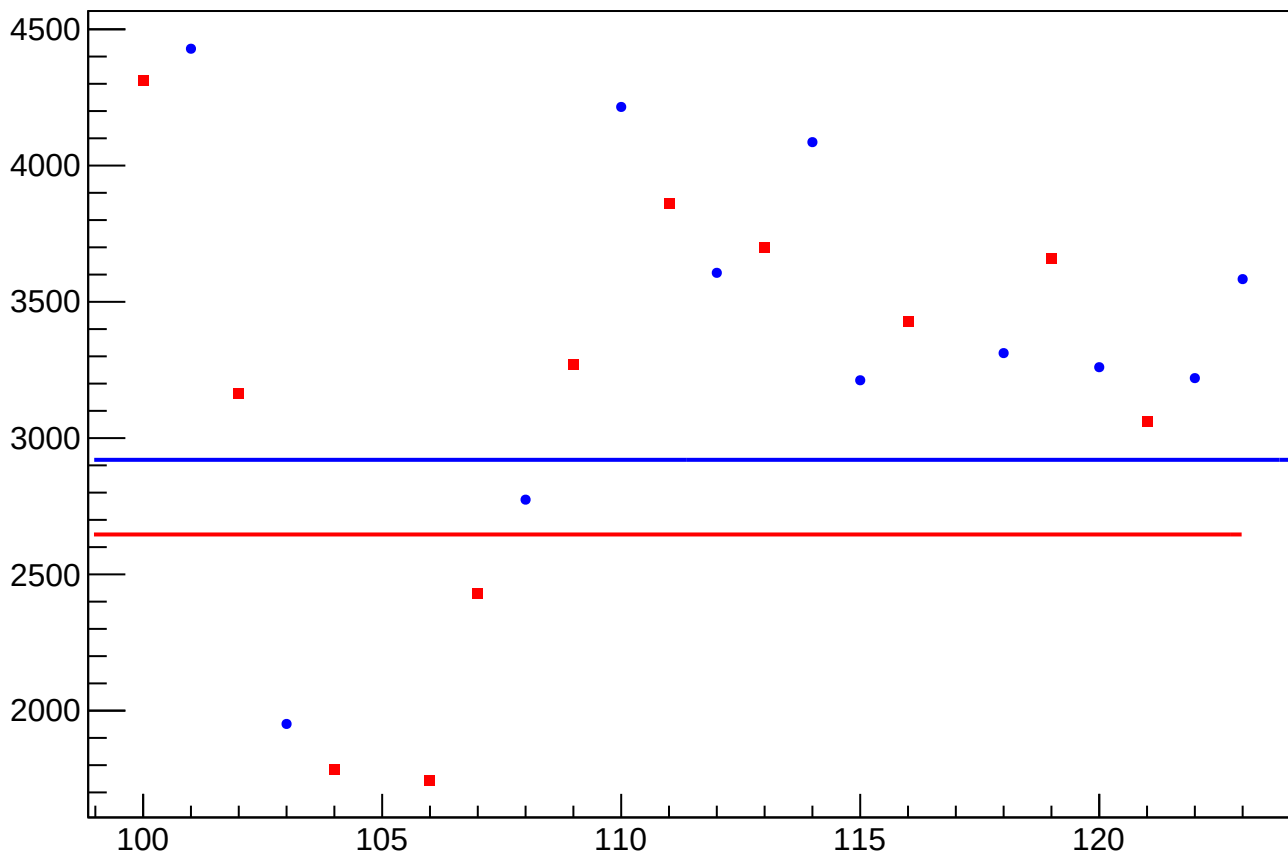
Right: 82.879+/-987.968 χ^2/NDF : 20.2/21

In: 401.940+/-1492.421 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.879+/-987.968 χ^2/NDF : 20.2/21

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2920.307+/-1.055 χ^2/NDF : 612725.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2646.414+/-0.932 χ^2/NDF : 782876.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

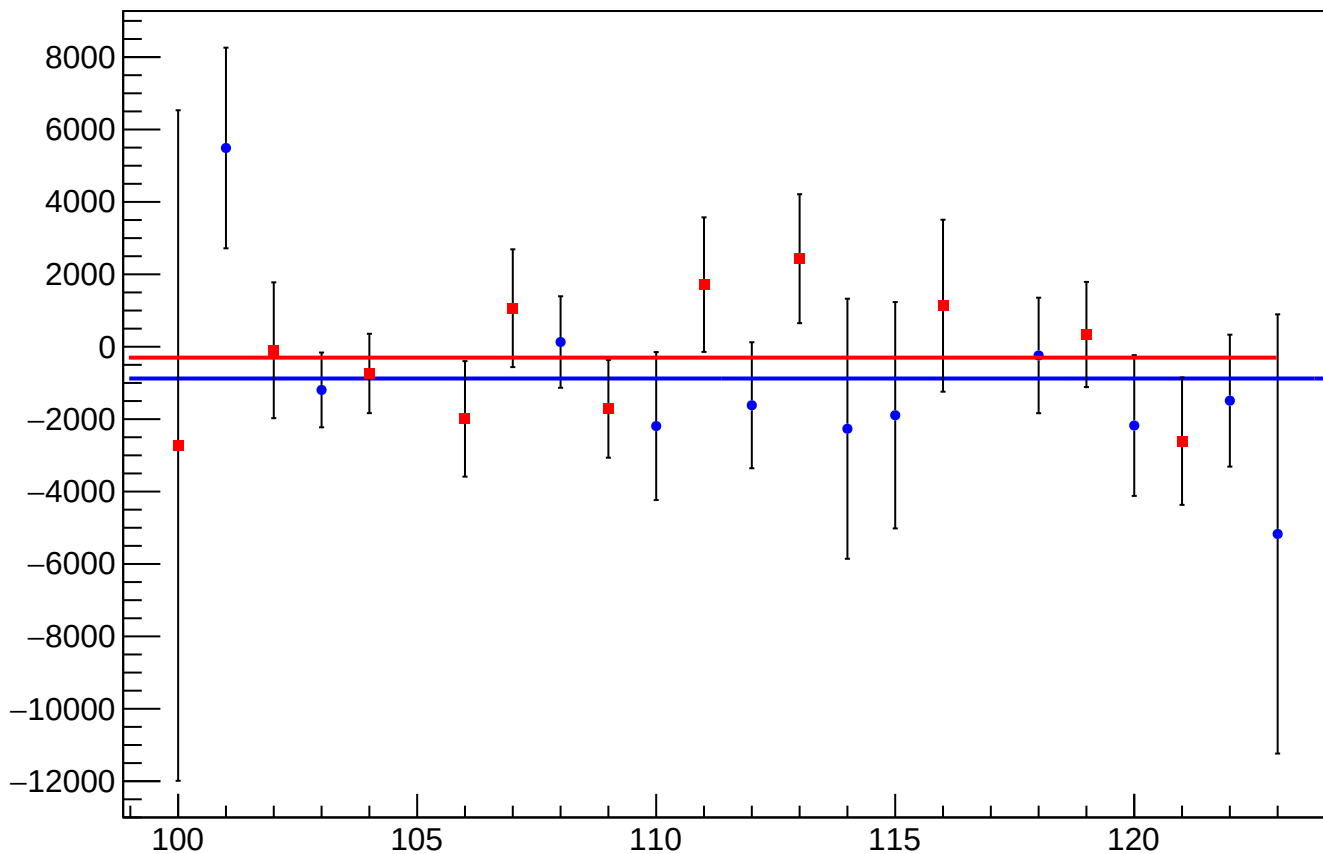
Right: 2766.443+/-0.699 χ^2/NDF : 1433443.1/21

In: 2920.307+/-1.055 χ^2/NDF : 612725.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2766.443+/-0.699 χ^2/NDF : 1433443.1/21

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -877.446+/-539.992 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.951+/-498.396 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

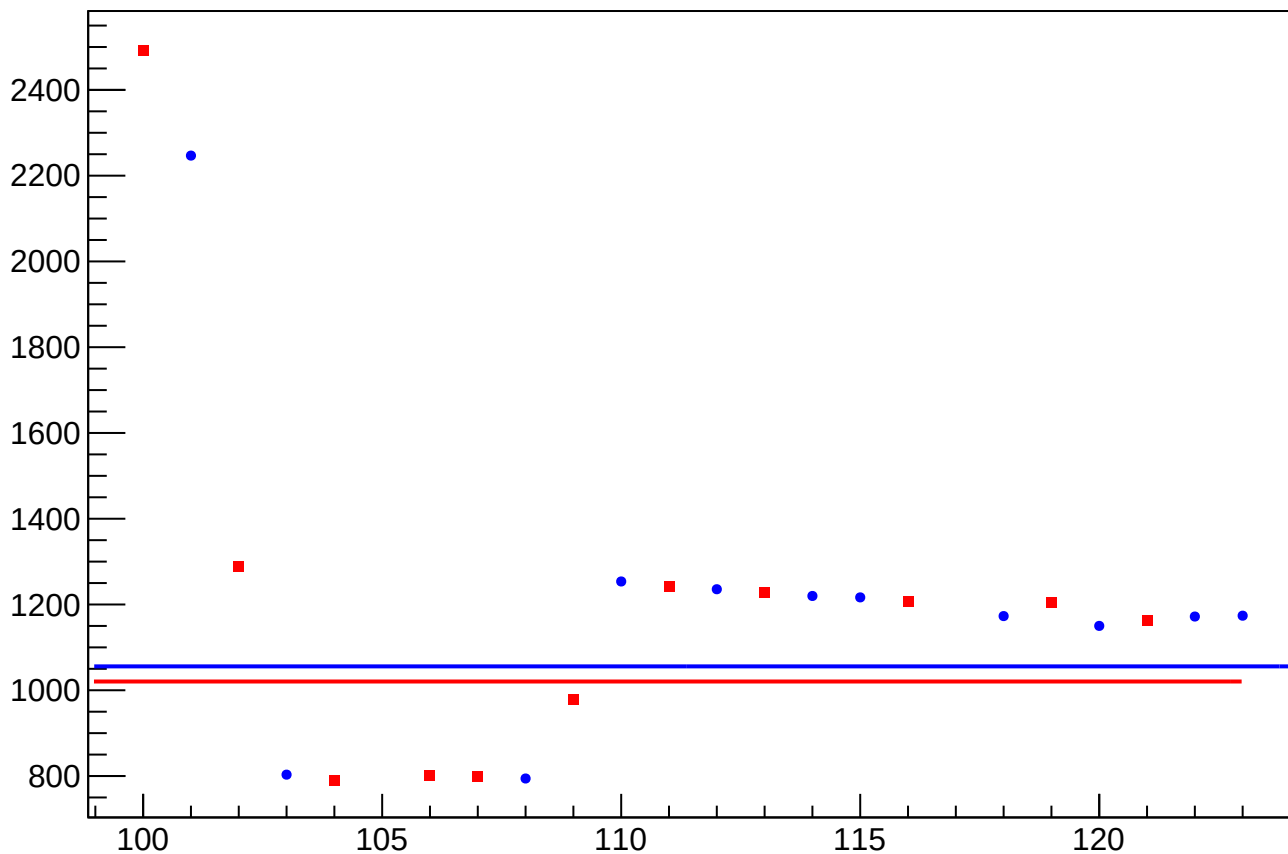
Right: -566.142+/-366.243 χ^2/NDF : 17.7/21

In: -877.446+/-539.992 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.142+/-366.243 χ^2/NDF : 17.7/21

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1055.694+/-0.382 χ^2/NDF : 648742.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1020.422+/-0.351 χ^2/NDF : 372449.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

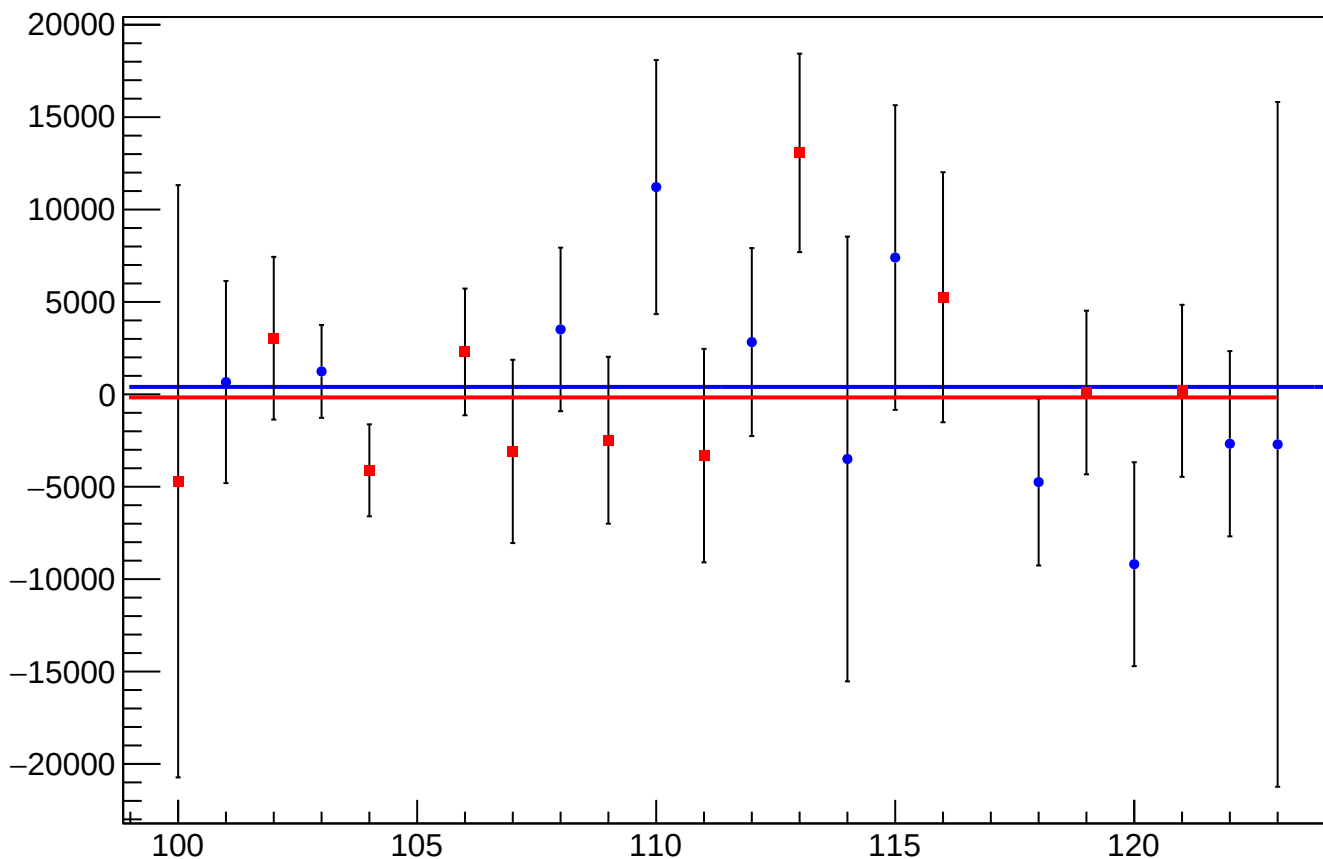
Right: 1036.598+/-0.259 χ^2/NDF : 1025811.8/21

In: 1055.694+/-0.382 χ^2/NDF :648742.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1036.598+/-0.259 χ^2/NDF : 1025811.8/21

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 401.940+/-1492.421 χ^2 /NDF: 8.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -166.018+/-1318.148 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

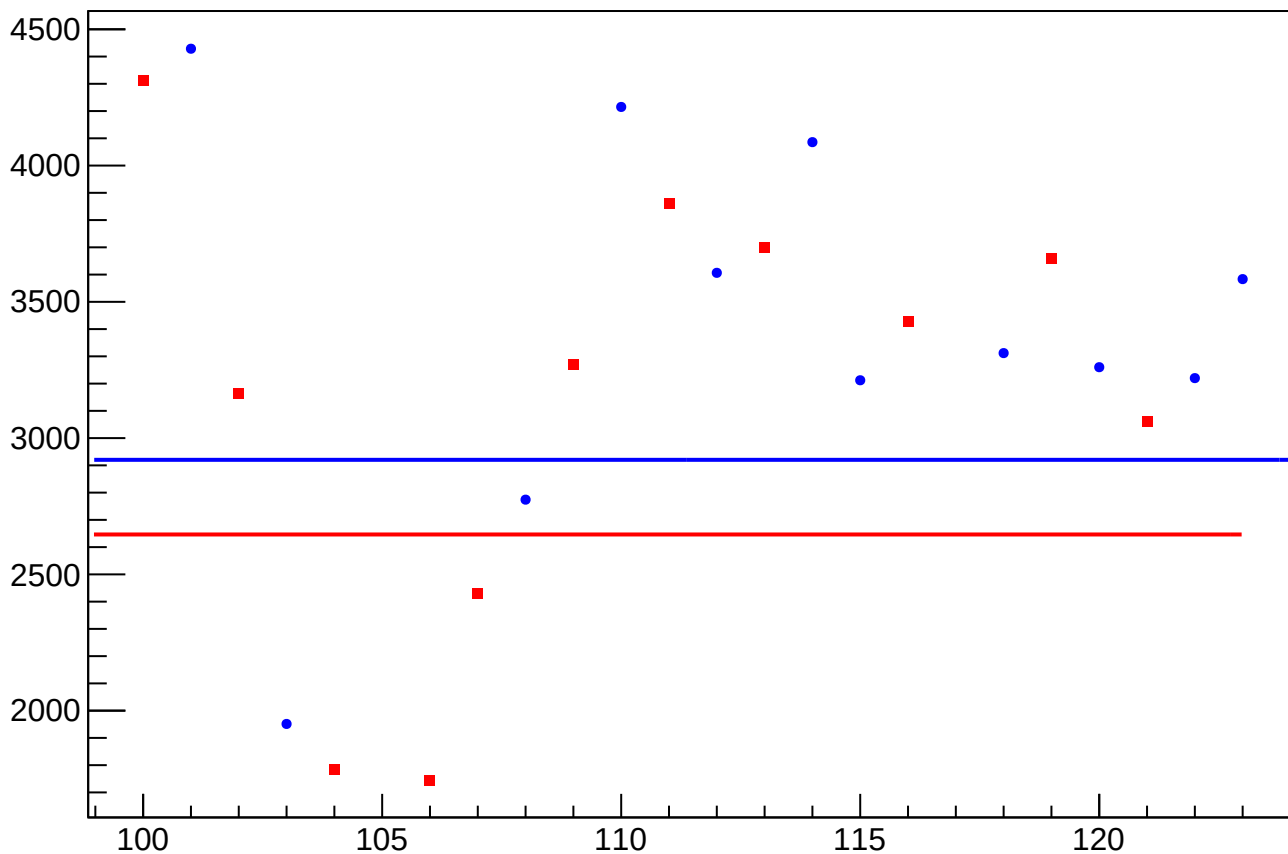
Right: 82.879+/-987.968 χ^2 /NDF: 20.2/21

In: 401.940+/-1492.421 χ^2 /NDF:8.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 82.879+/-987.968 χ^2 /NDF: 20.2/21

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2920.307+/-1.055 χ^2/NDF : 612725.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2646.414+/-0.932 χ^2/NDF : 782876.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

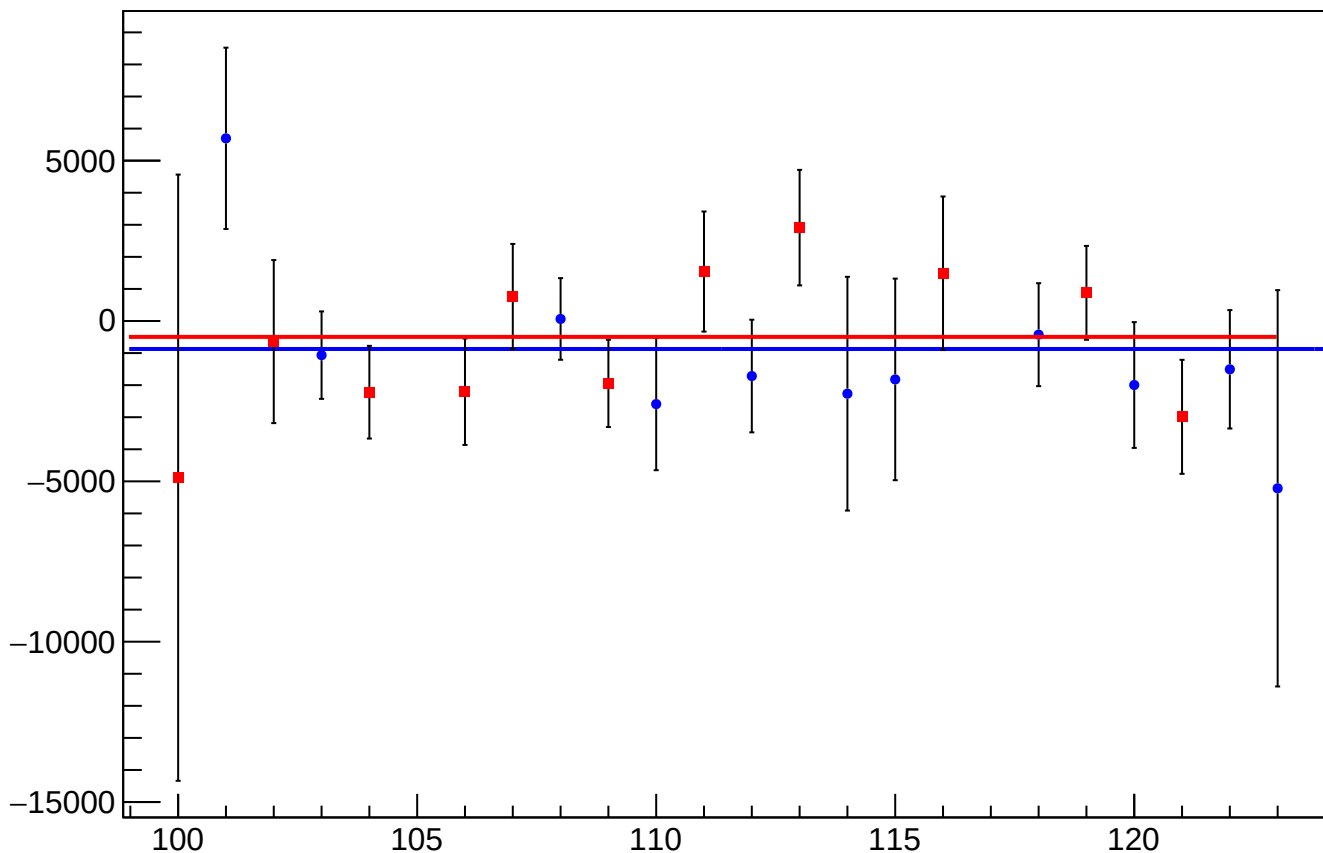
Right: 2766.443+/-0.699 χ^2/NDF : 1433443.1/21

In: 2920.307+/-1.055 χ^2/NDF : 612725.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2766.443+/-0.699 χ^2/NDF : 1433443.1/21

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -872.844+/-578.887 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -495.525+/-536.685 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

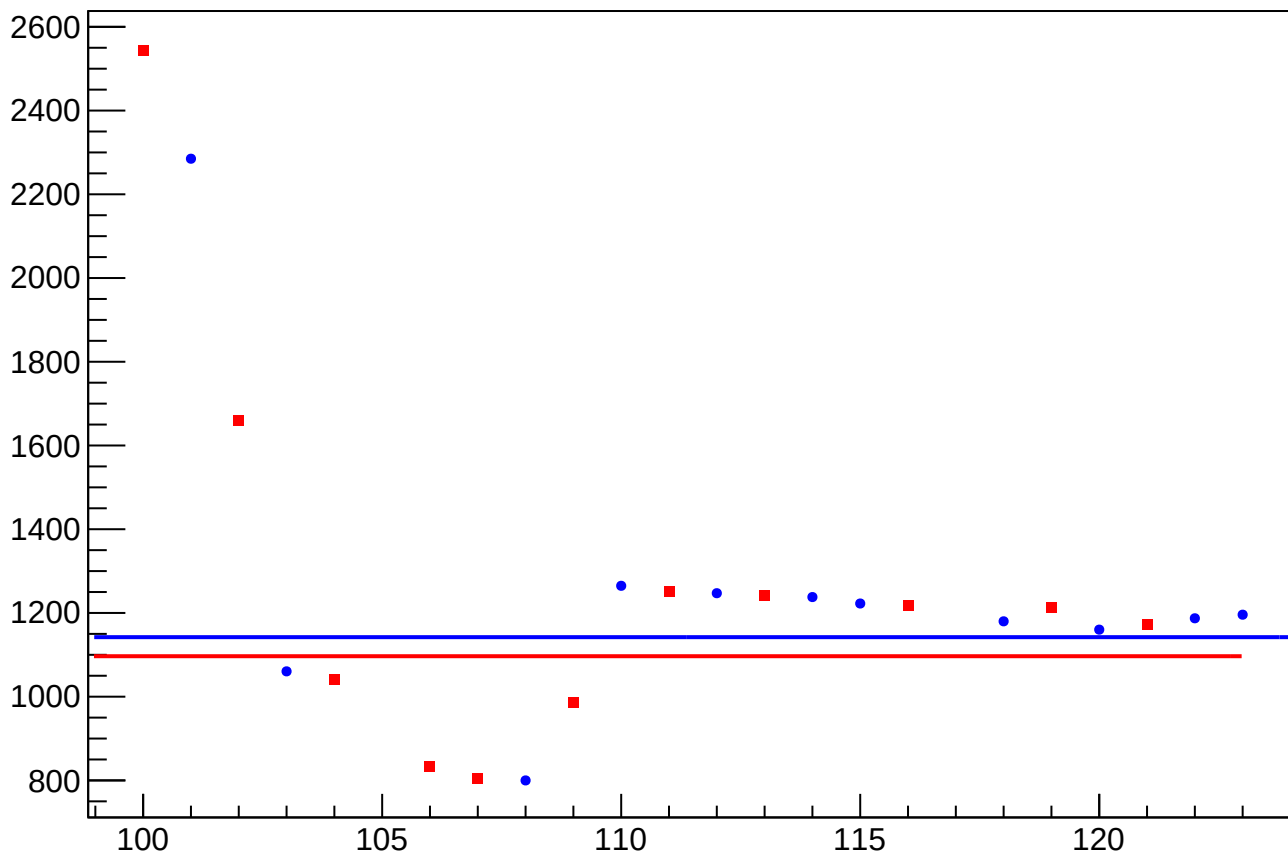
Right: -669.931+/-393.569 χ^2/NDF : 21.1/21

In: -872.844+/-578.887 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -669.931+/-393.569 χ^2/NDF : 21.1/21

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1142.171+/-0.409 χ^2/NDF : 498028.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1096.655+/-0.379 χ^2/NDF : 324180.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

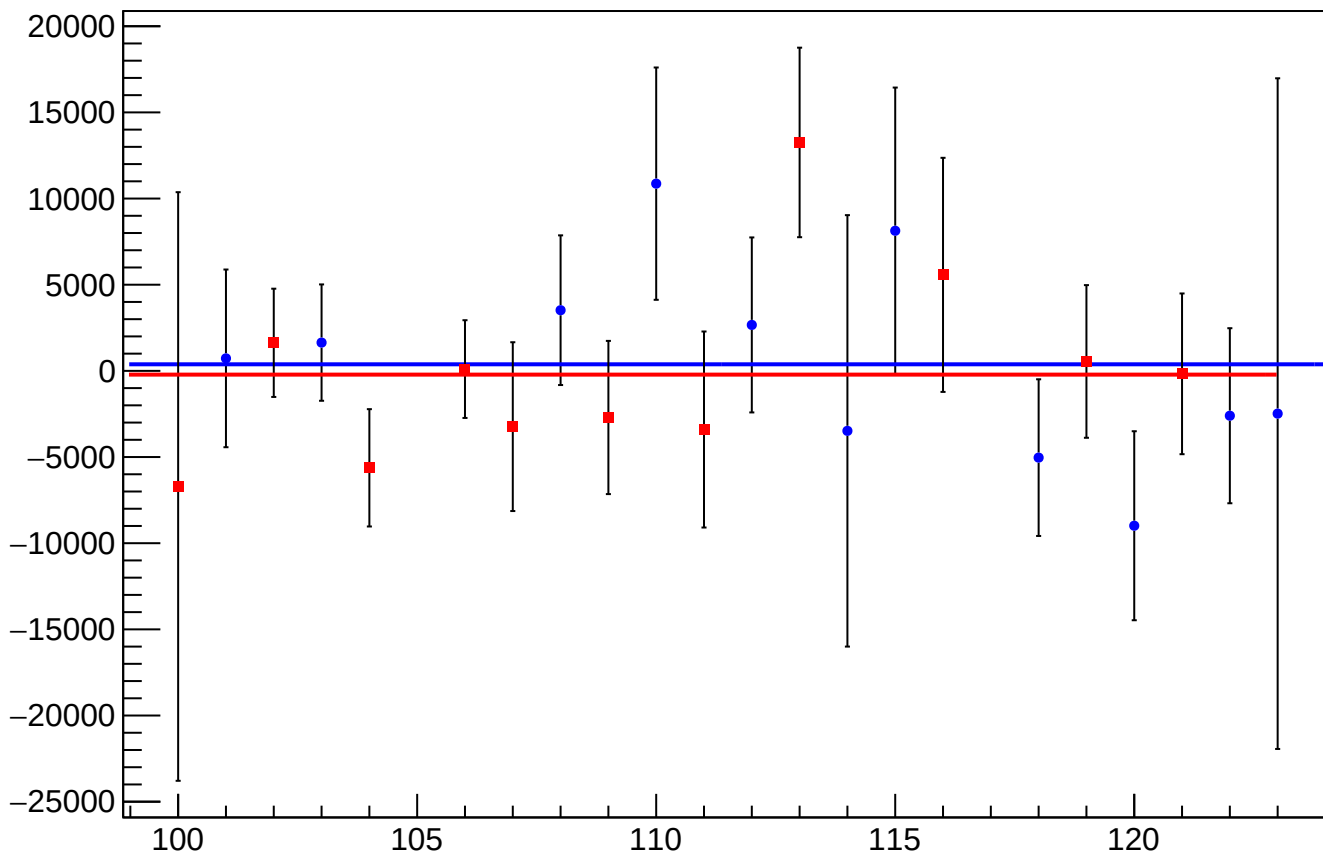
Right: 1117.678+/-0.278 χ^2/NDF : 828861.9/21

In: 1142.171+/-0.409 χ^2/NDF : 498028.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.678+/-0.278 χ^2/NDF : 828861.9/21

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.649 ± 1615.681 χ^2/NDF : 9.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -217.334 ± 1301.521 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

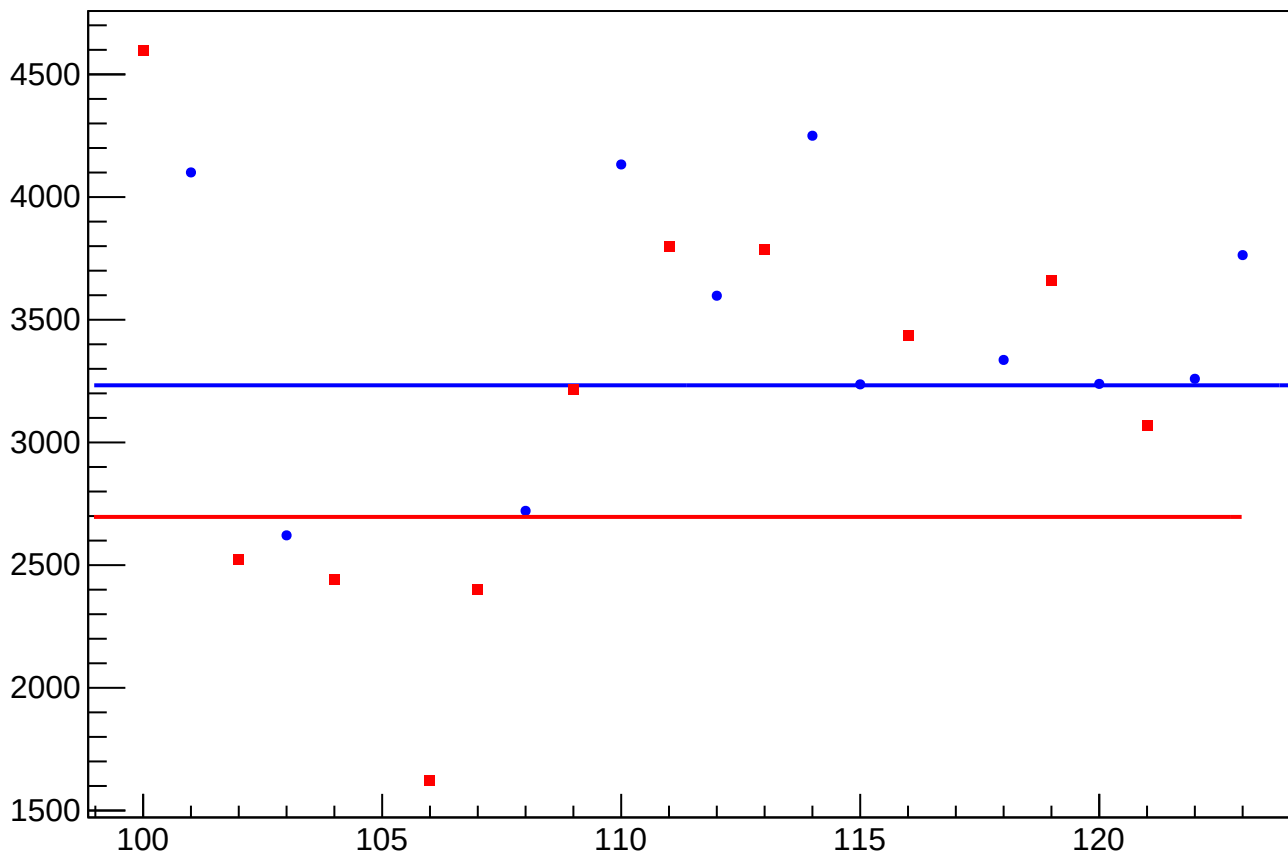
Right: 18.391 ± 1013.564 χ^2/NDF : 19.8/21

In: 381.649 ± 1615.681 χ^2/NDF : 9.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 18.391 ± 1013.564 χ^2/NDF : 19.8/21

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3232.871 ± 1.142 χ^2/NDF : 211788.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2696.518 ± 0.920 χ^2/NDF : 648157.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

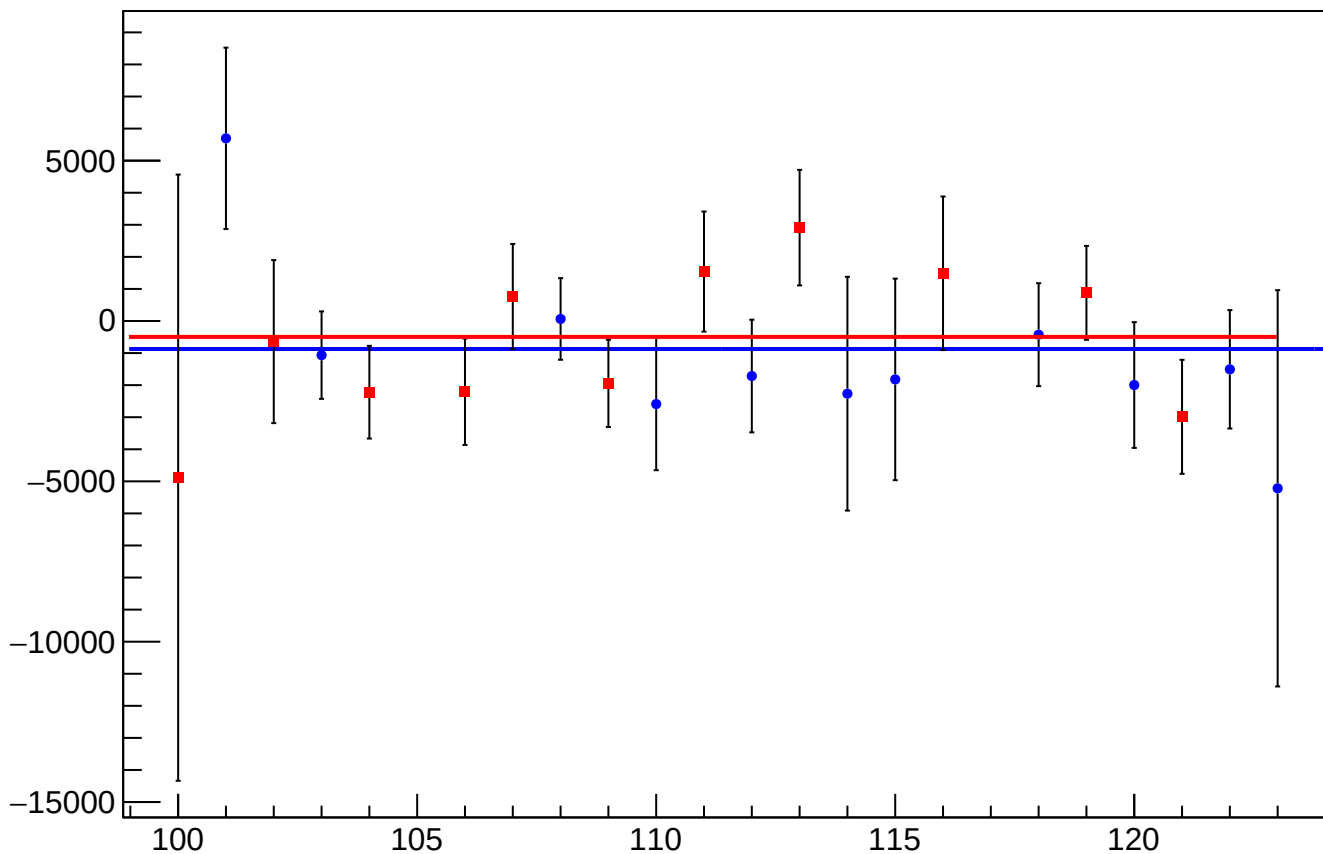
Right: 2907.596 ± 0.717 χ^2/NDF : 993611.4/21

In: 3232.871 ± 1.142 χ^2/NDF : 211788.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2907.596 ± 0.717 χ^2/NDF : 993611.4/21

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -872.839+/-578.887 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -495.529+/-536.685 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

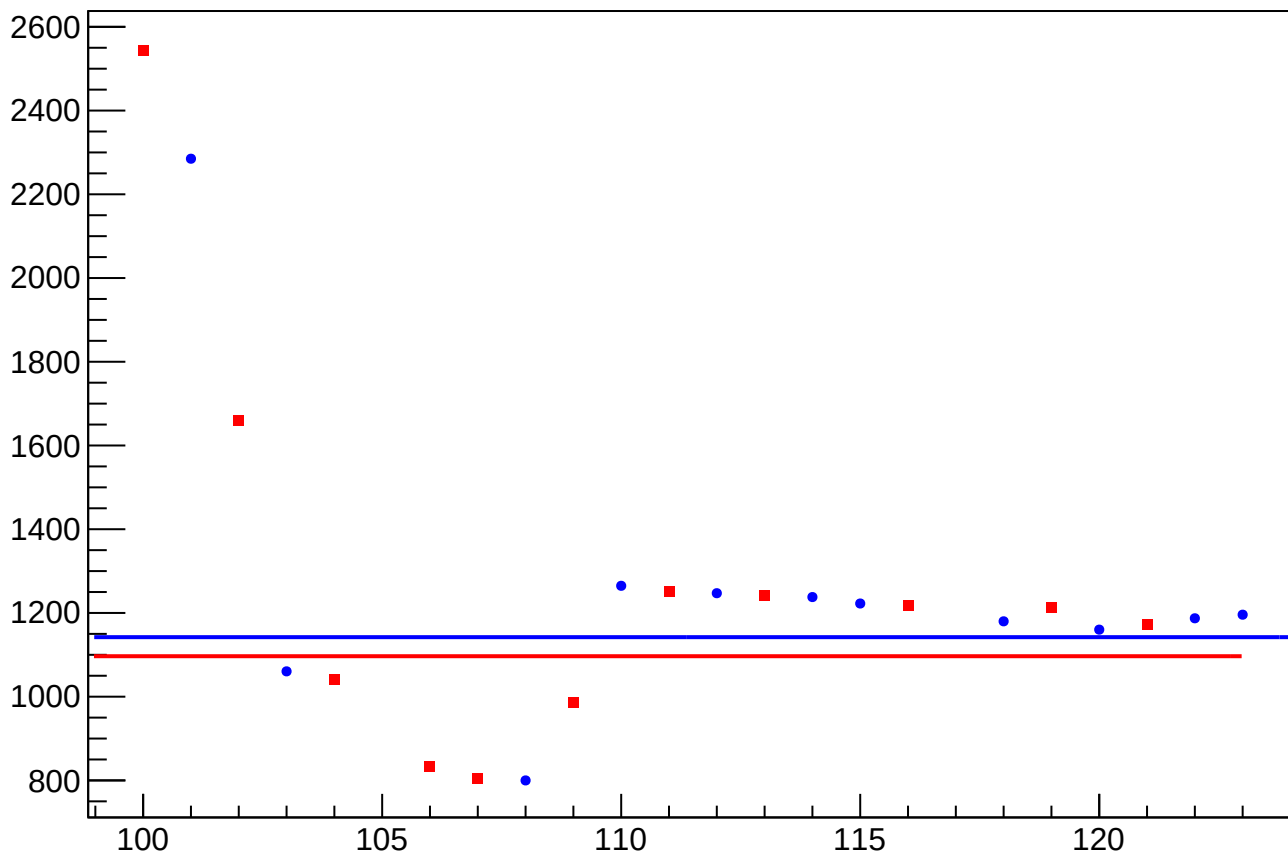
Right: -669.931+/-393.569 χ^2/NDF : 21.1/21

In: -872.839+/-578.887 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -669.931+/-393.569 χ^2/NDF : 21.1/21

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1142.171+/-0.409 χ^2/NDF : 498028.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1096.655+/-0.379 χ^2/NDF : 324179.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

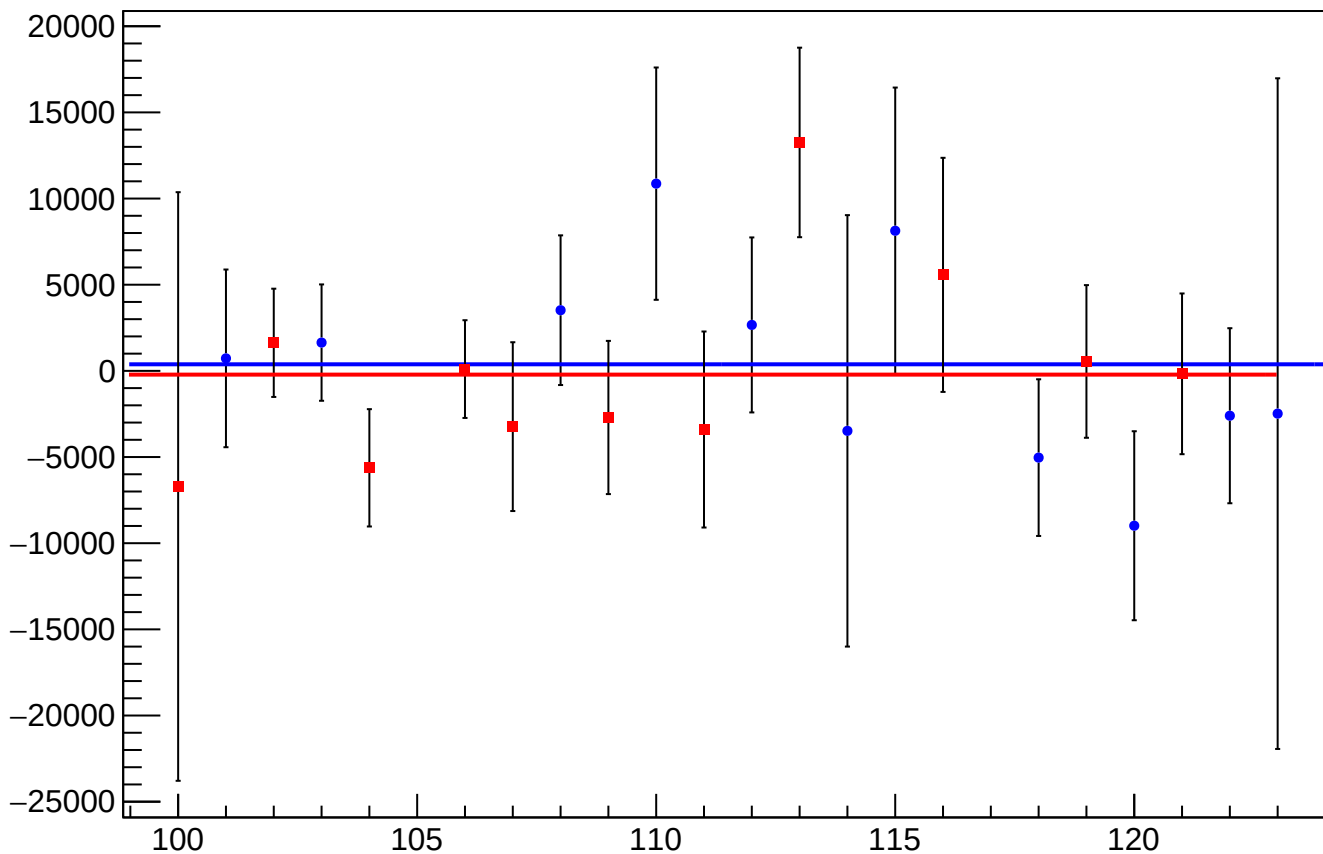
Right: 1117.678+/-0.278 χ^2/NDF : 828861.9/21

In: 1142.171+/-0.409 χ^2/NDF : 498028.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.678+/-0.278 χ^2/NDF : 828861.9/21

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.640 ± 1615.679 χ^2/NDF : 9.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -217.340 ± 1301.518 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

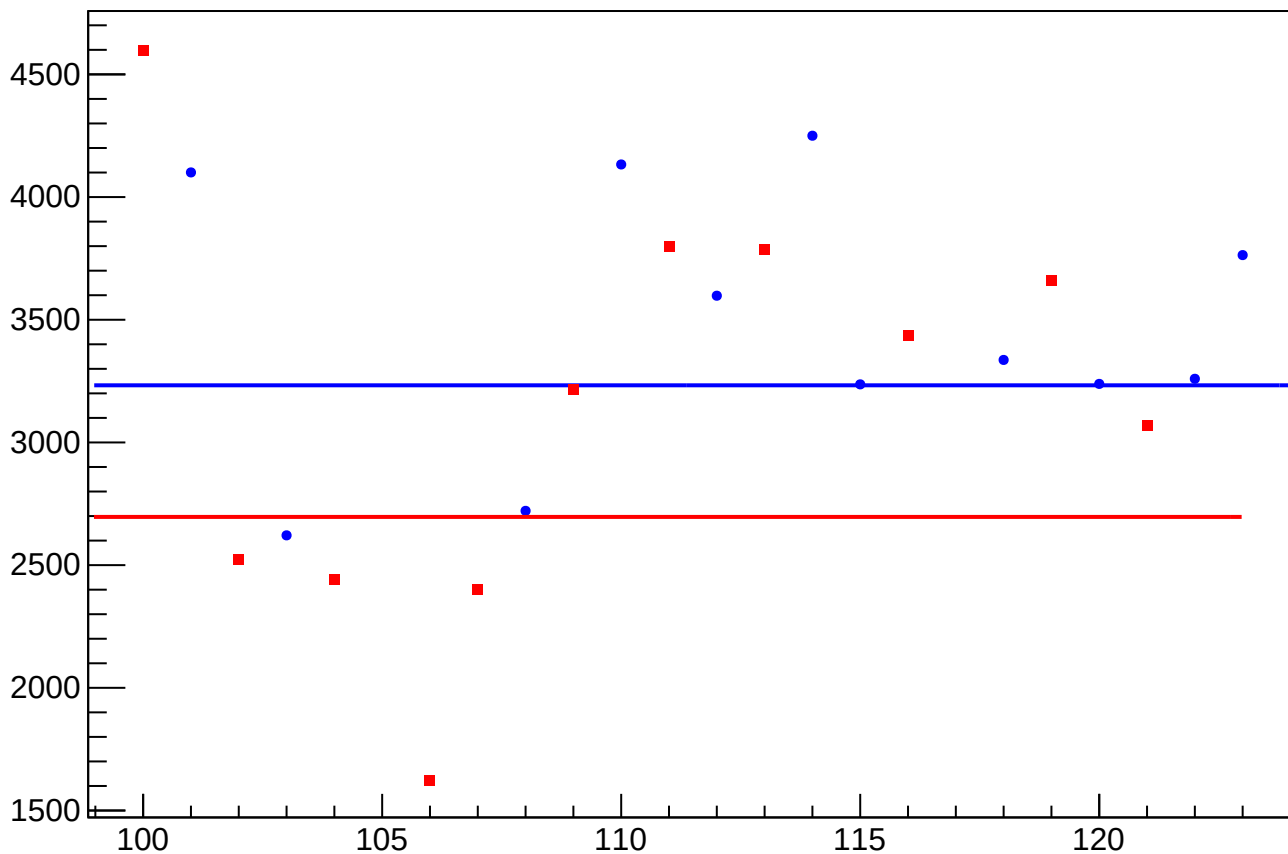
Right: 18.384 ± 1013.563 χ^2/NDF : 19.8/21

In: 381.640 ± 1615.679 χ^2/NDF : 9.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 18.384 ± 1013.563 χ^2/NDF : 19.8/21

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3232.867+/-1.142 χ^2/NDF : 211786.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2696.513+/-0.920 χ^2/NDF : 648158.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

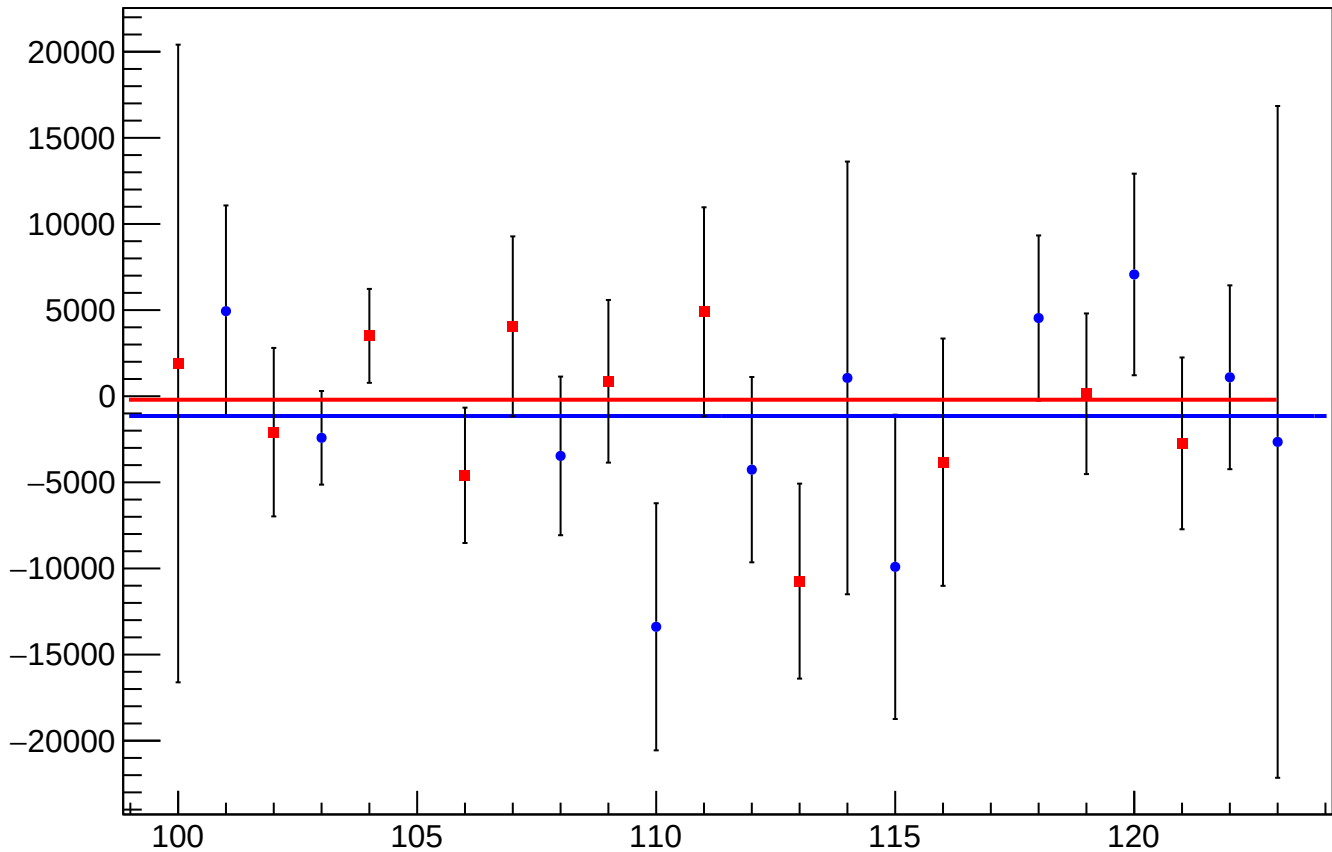
Right: 2907.591+/-0.717 χ^2/NDF : 993610.8/21

In: 3232.867+/-1.142 χ^2/NDF : 211786.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2907.591+/-0.717 χ^2/NDF : 993610.8/21

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1149.423+/-1595.912 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -203.924+/-1429.210 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

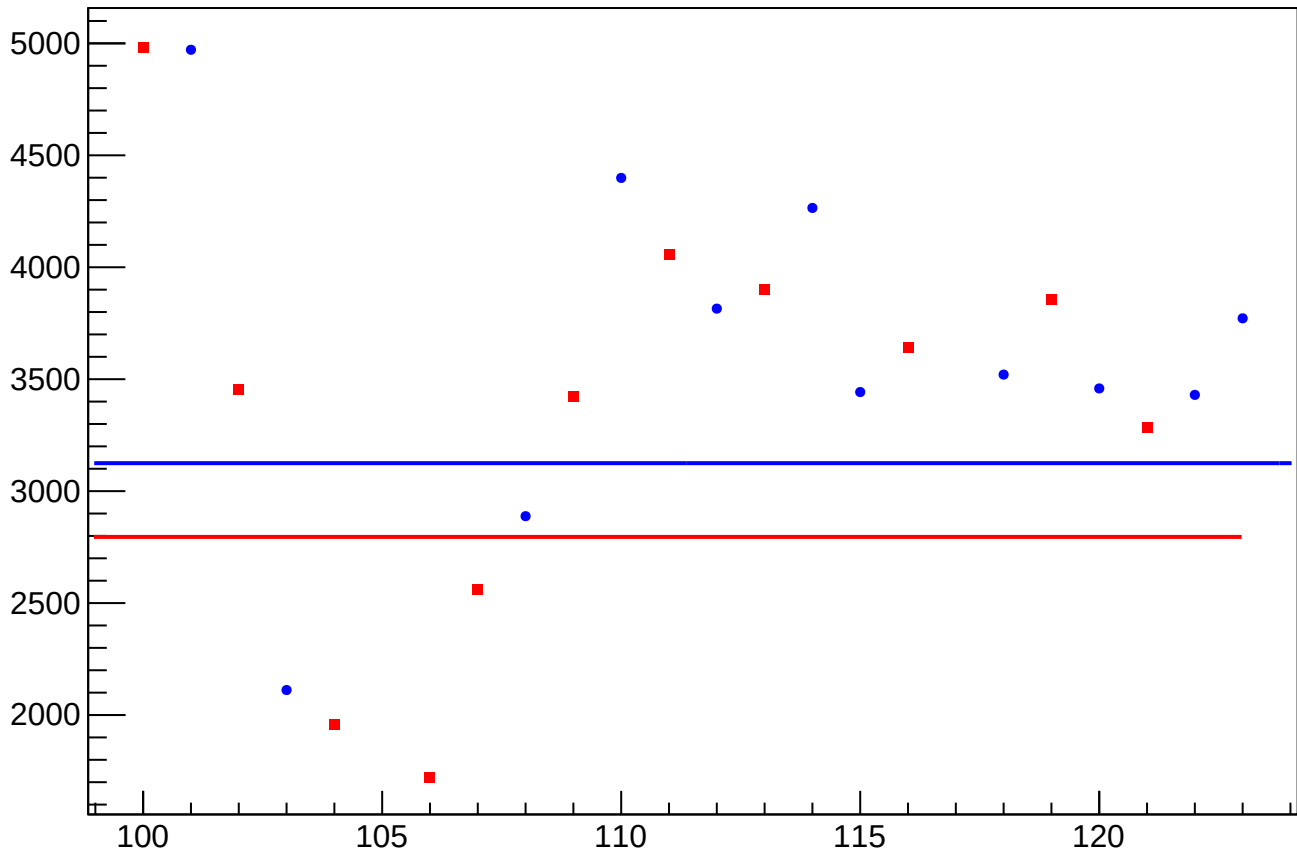
Right: -624.728+/-1064.679 χ^2/NDF : 18.1/21

In: -1149.423+/-1595.912 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -624.728+/-1064.679 χ^2/NDF : 18.1/21

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3124.943+/-1.128 χ^2/NDF : 608204.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2795.627+/-0.988 χ^2/NDF : 807912.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

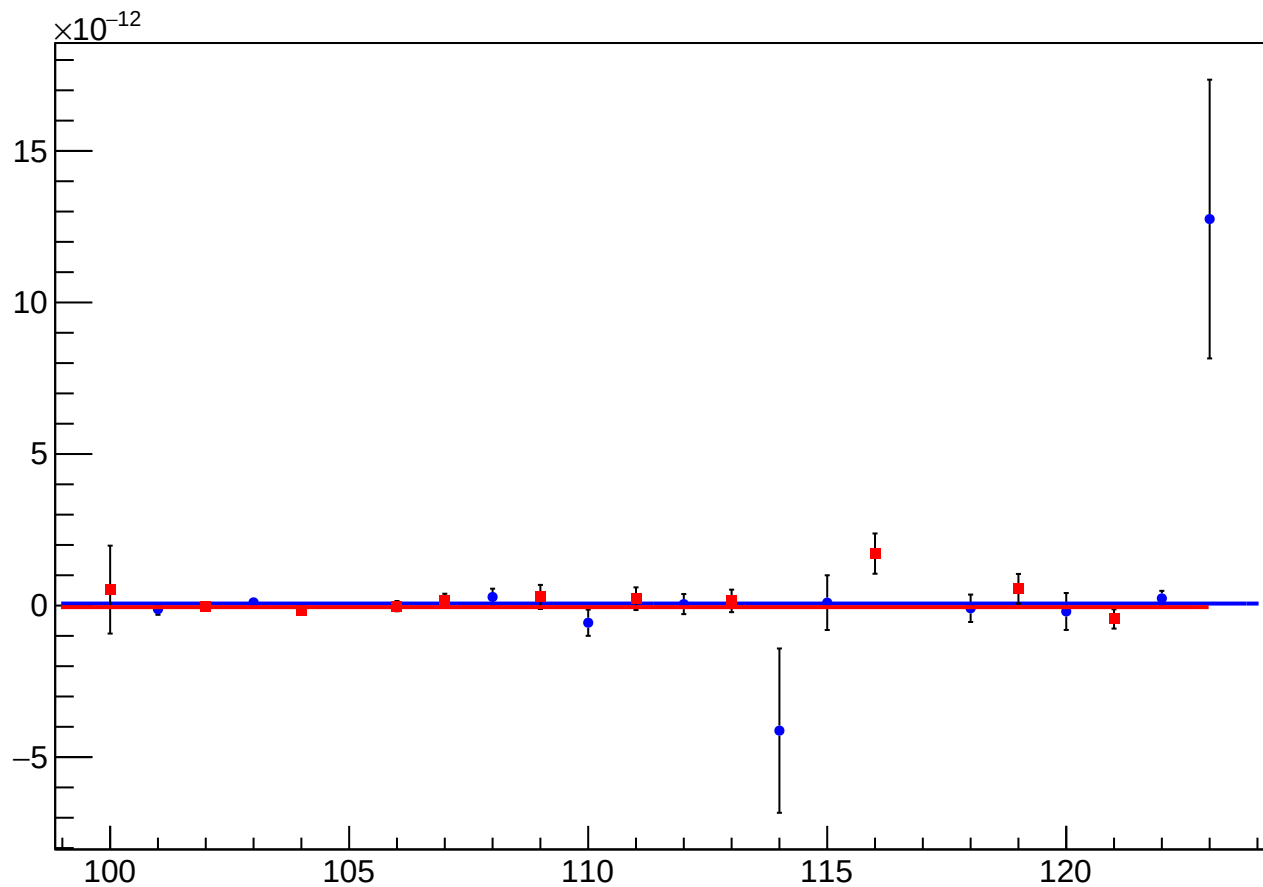
Right: 2938.481+/-0.743 χ^2/NDF : 1464336.0/21

In: 3124.943+/-1.128 χ^2/NDF : 608204.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2938.481+/-0.743 χ^2/NDF : 1464336.0/21

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/10

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

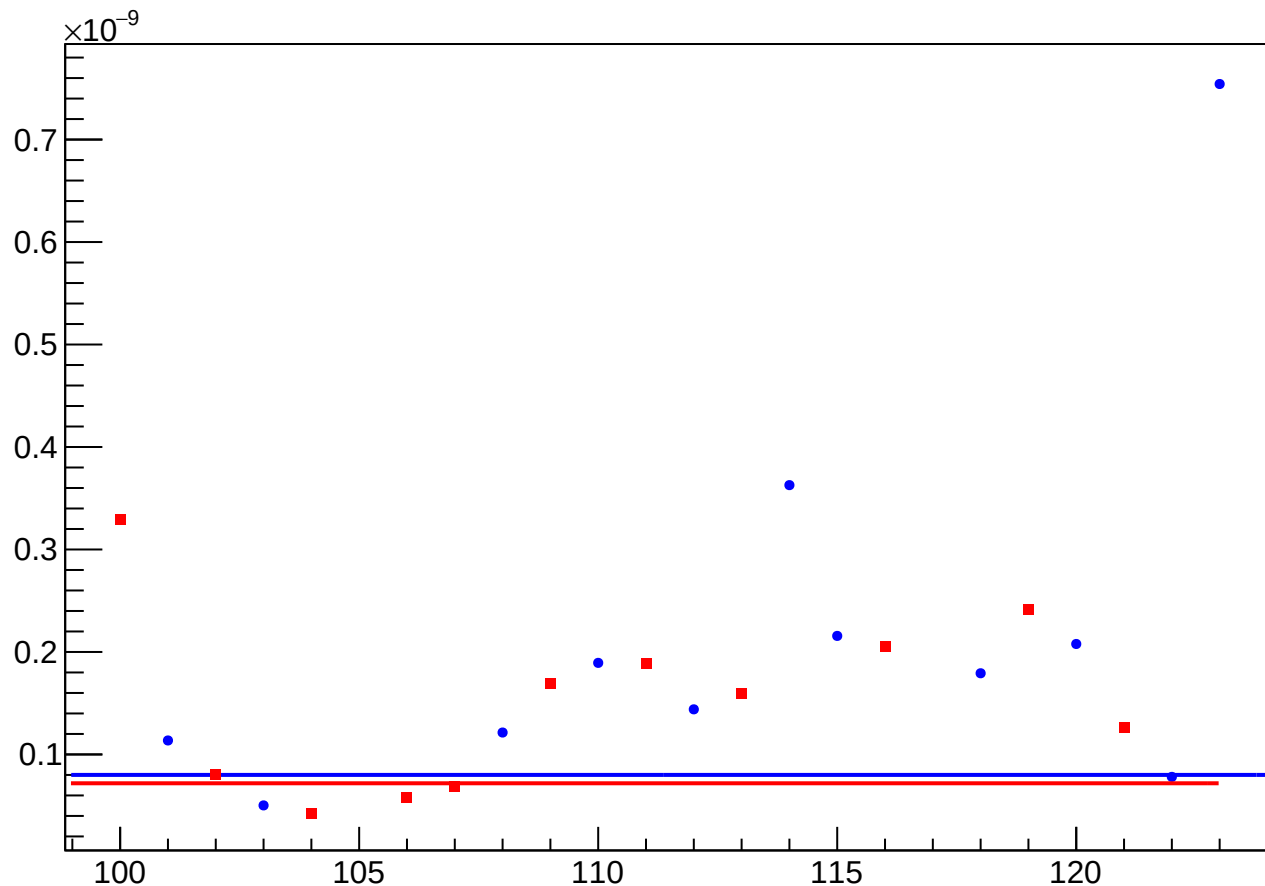
Right: 0.000+/-0.000 χ^2/NDF : 30.9/21

In: 0.000+/-0.000 χ^2/NDF : 14.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.9/21

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 832854.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1103004.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

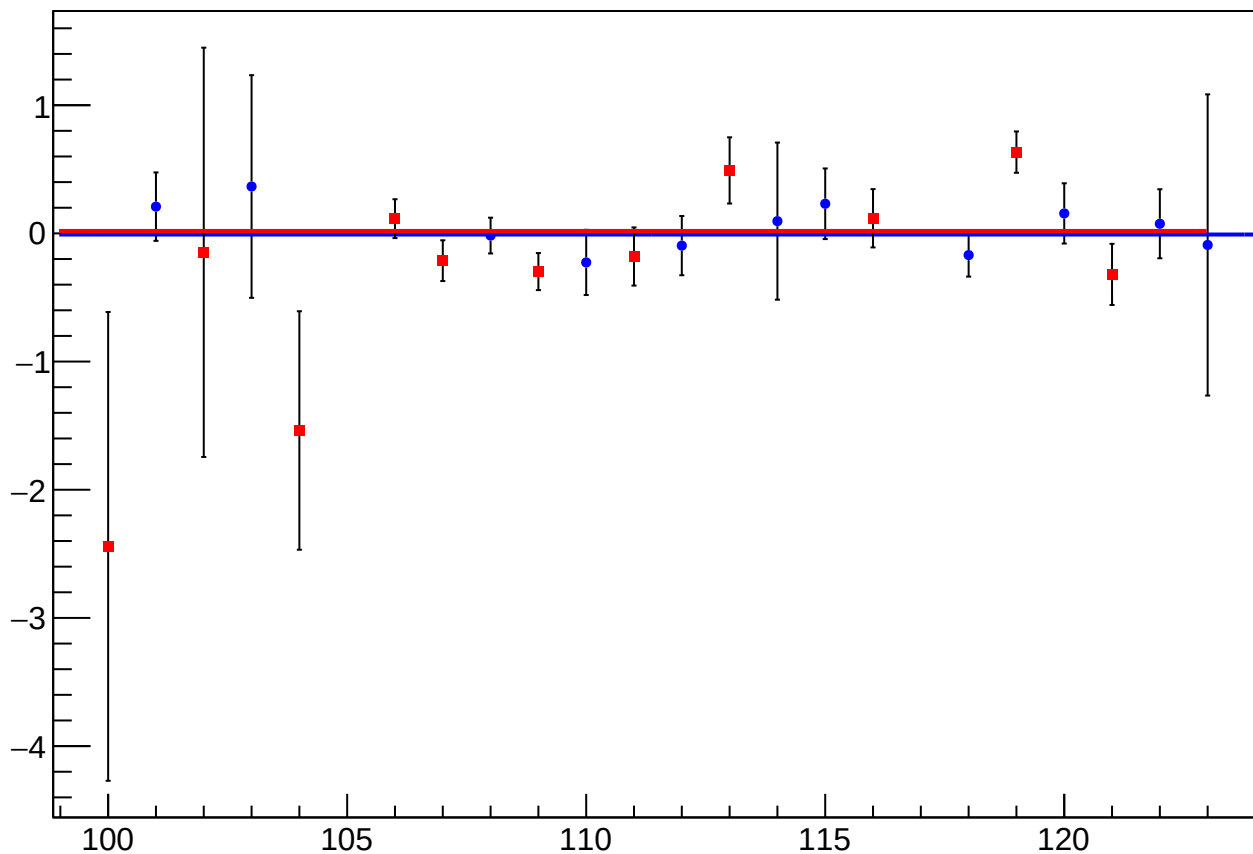
Right: 0.000+/-0.000 χ^2/NDF : 1951072.0/21

In: 0.000+/-0.000 χ^2/NDF : 832854.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1951072.0/21

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.074 χ^2/NDF : 4.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.019 ± 0.064 χ^2/NDF : 32.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

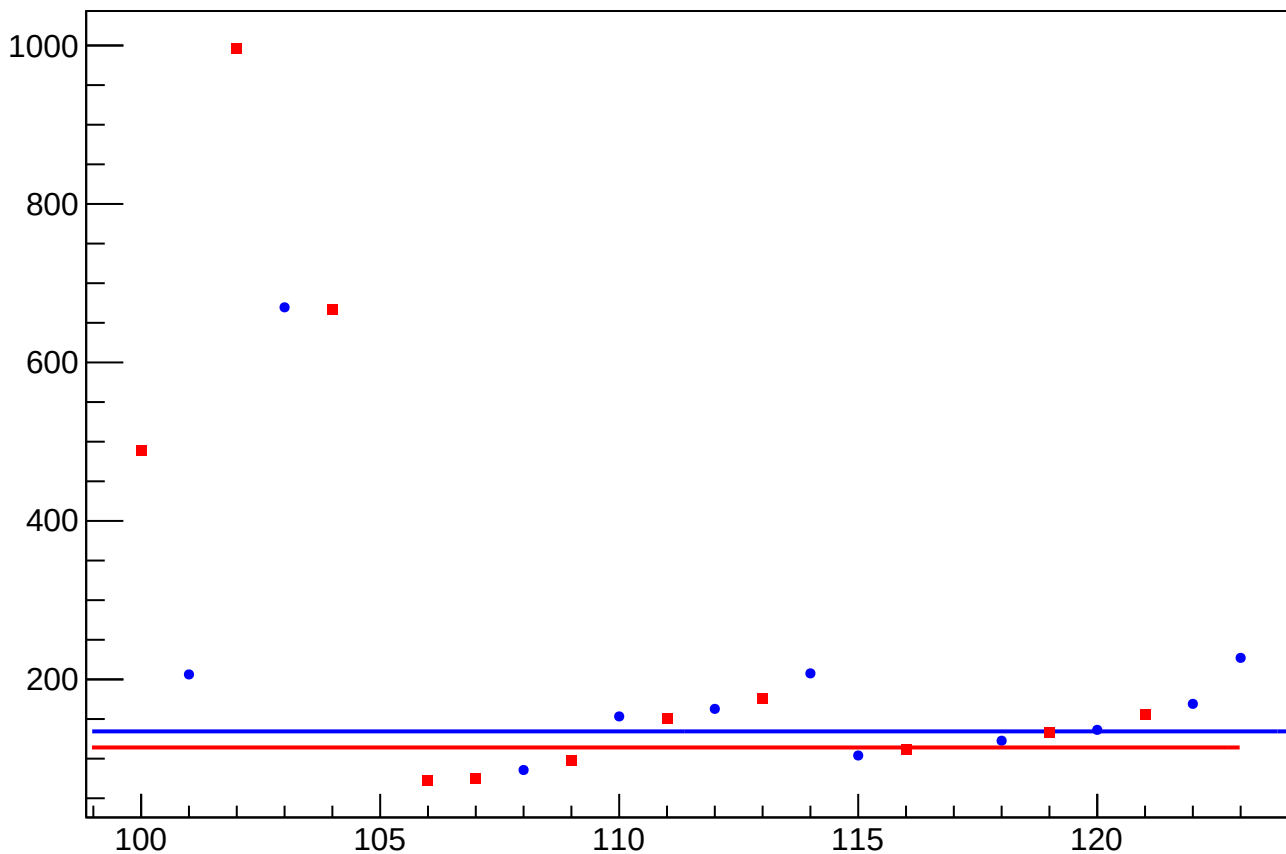
Right: 0.007 ± 0.048 χ^2/NDF : 36.9/21

In: -0.009 ± 0.074 χ^2/NDF : 4.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.048 χ^2/NDF : 36.9/21

asym_usr_atr2_dd_dit_vs_slug, Sign Corrected



Right In: 134.409+/-0.052 χ^2/NDF : 1298309.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.100+/-0.045 χ^2/NDF : 1955607.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

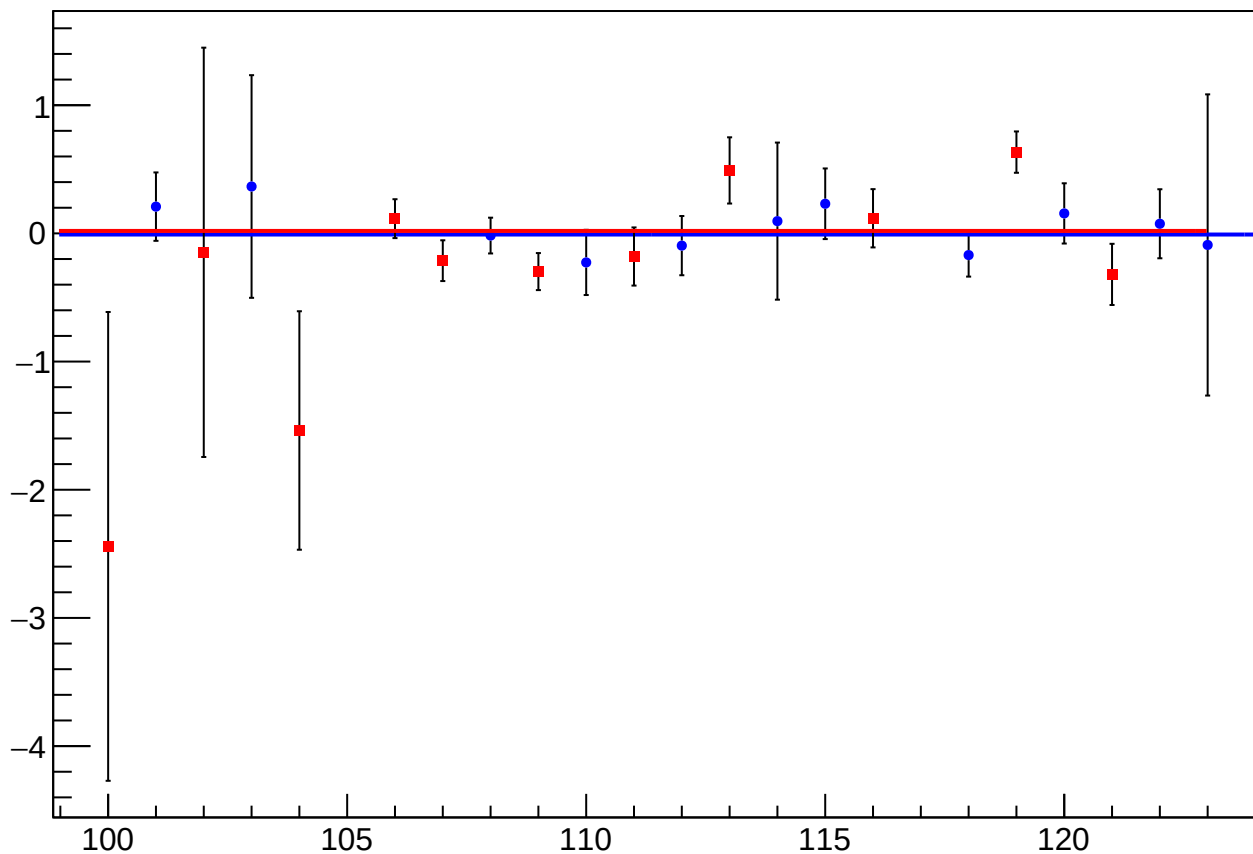
Right: 122.880+/-0.034 χ^2/NDF : 3340439.7/21

In: 134.409+/-0.052 χ^2/NDF : 1298309.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.880+/-0.034 χ^2/NDF : 3340439.7/21

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.074 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.019+/-0.064 χ^2/NDF : 32.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

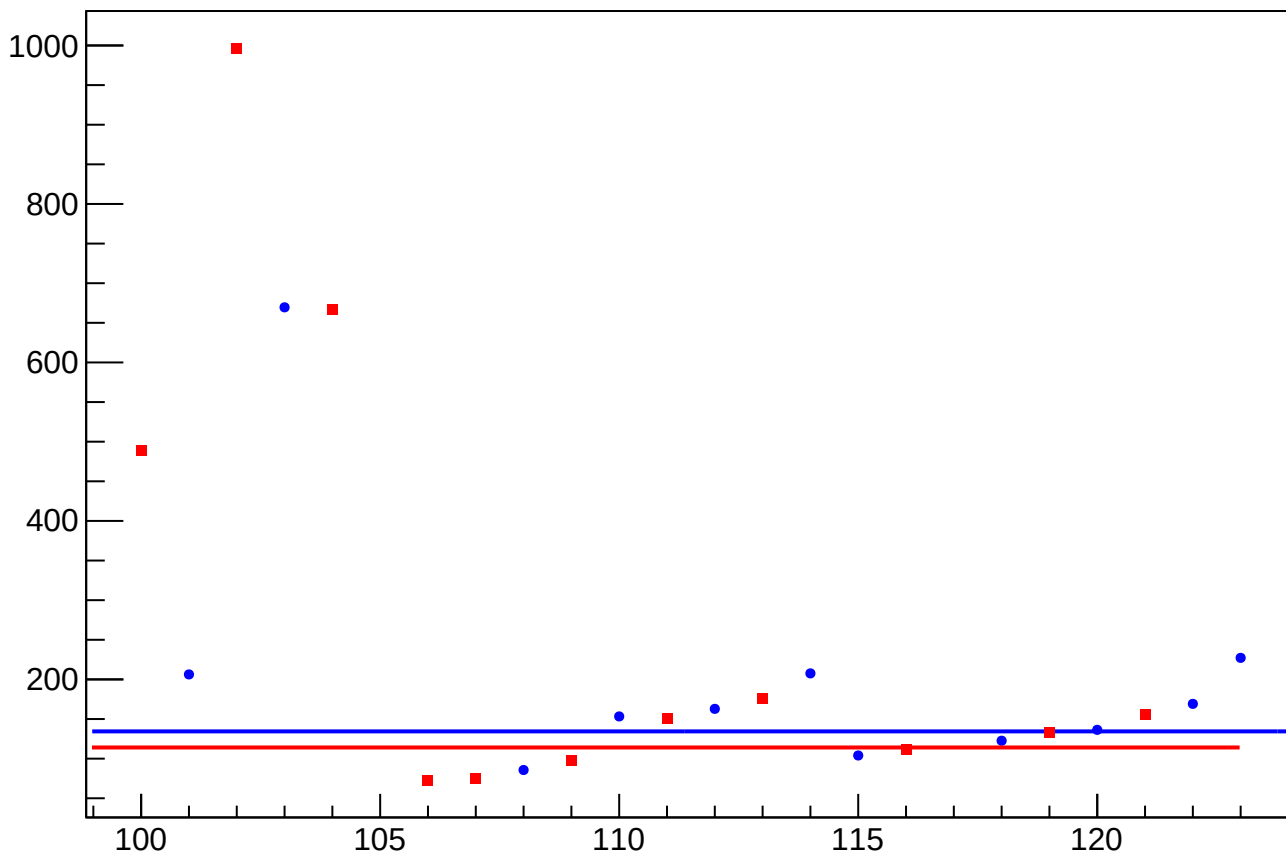
Right: 0.007+/-0.048 χ^2/NDF : 36.9/21

In: -0.009+/-0.074 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.048 χ^2/NDF : 36.9/21

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.409+/-0.052 χ^2/NDF : 1298309.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.100+/-0.045 χ^2/NDF : 1955607.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

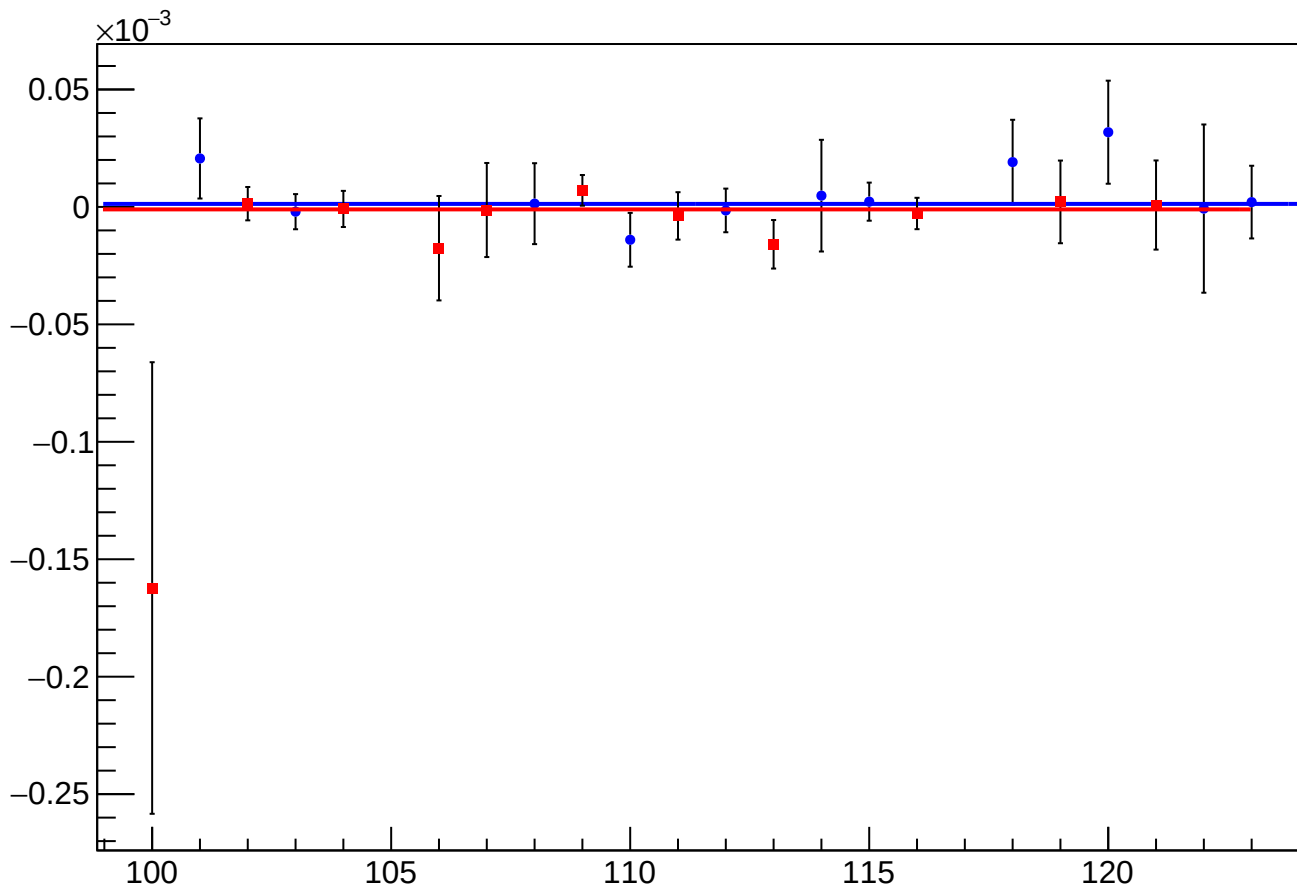
Right: 122.880+/-0.034 χ^2/NDF : 3340439.7/21

In: 134.409+/-0.052 χ^2/NDF : 1298309.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.880+/-0.034 χ^2/NDF : 3340439.7/21

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/10

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

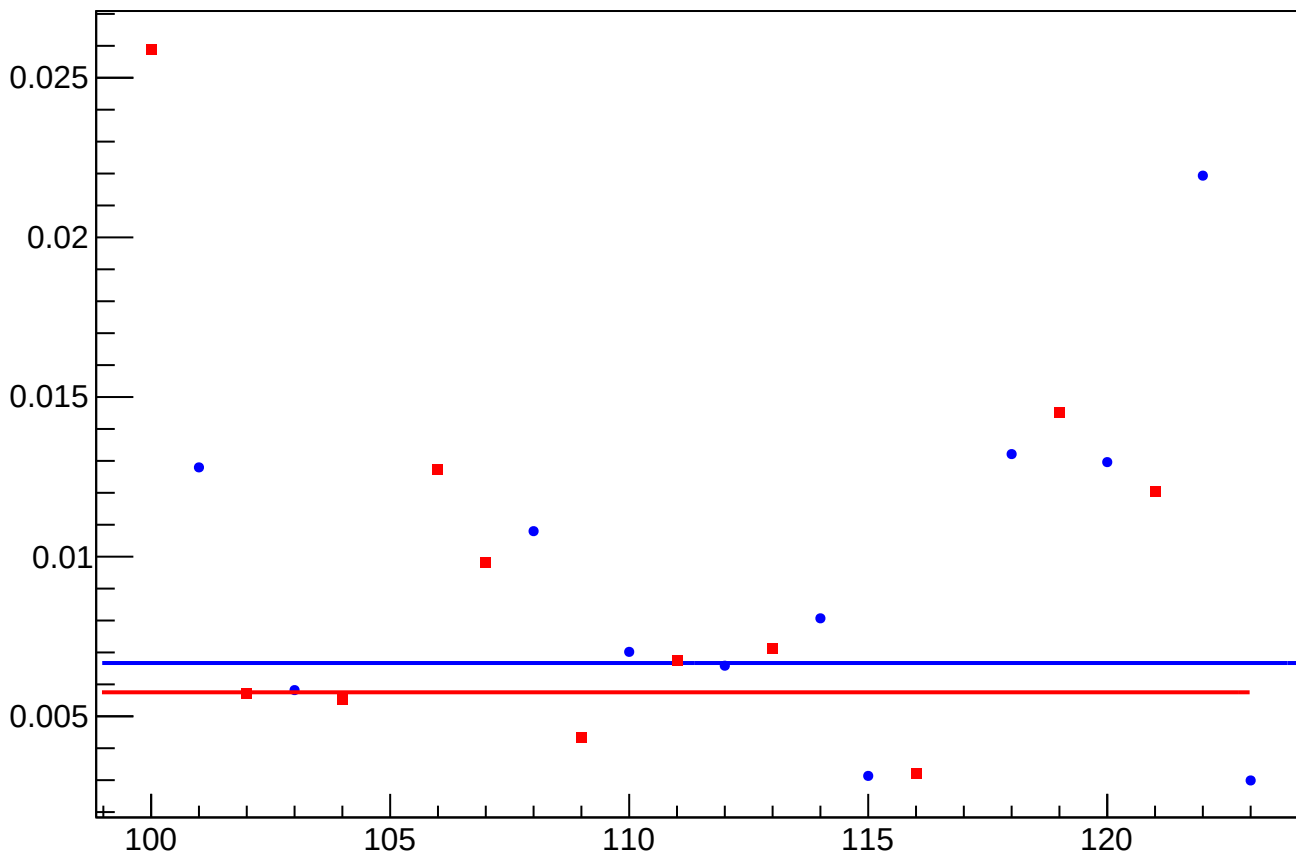
Right: -0.000+/-0.000 χ^2/NDF : 13.8/21

In: 0.000+/-0.000 χ^2/NDF : 6.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/21

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1693276.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1524480.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

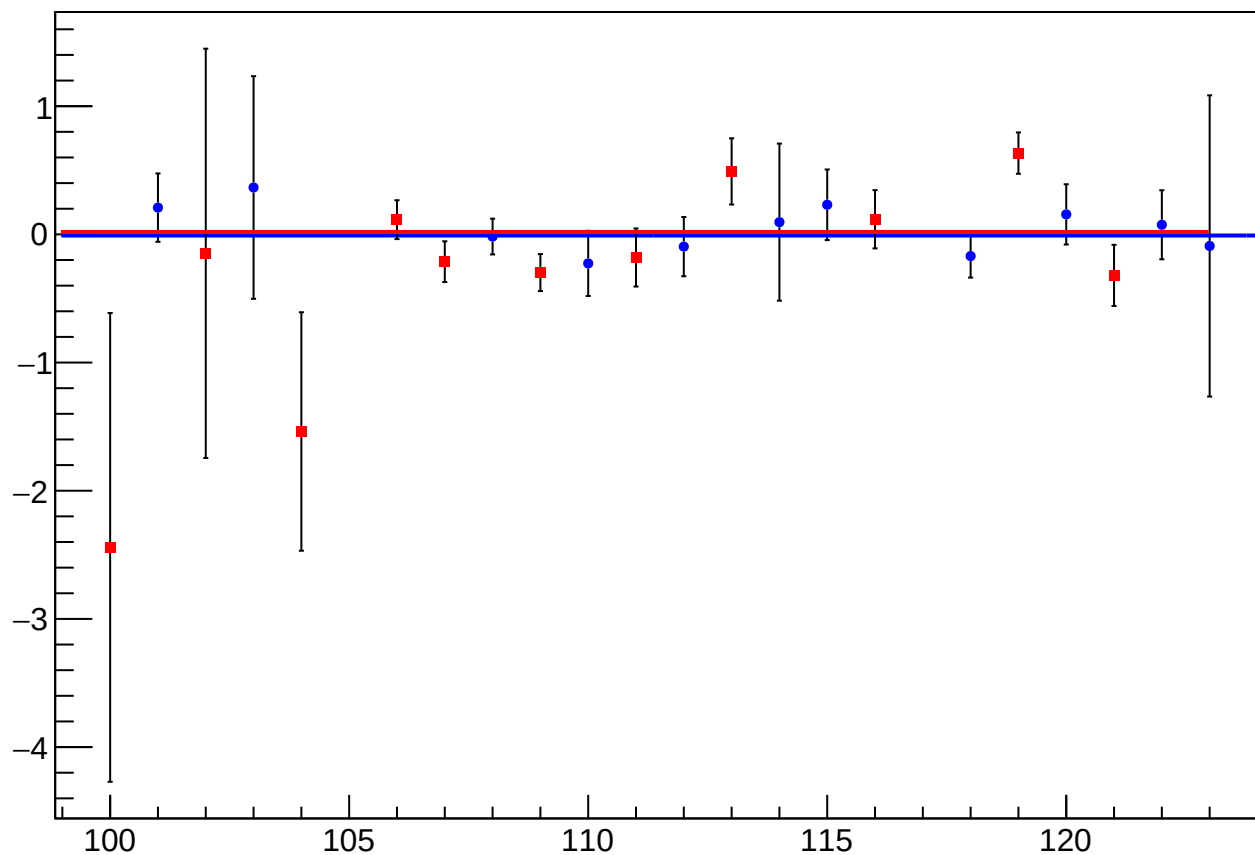
Right: 0.006+/-0.000 χ^2/NDF : 3290969.6/21

In: 0.007+/-0.000 χ^2/NDF :1693276.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3290969.6/21

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.074 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.019+/-0.064 χ^2/NDF : 32.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

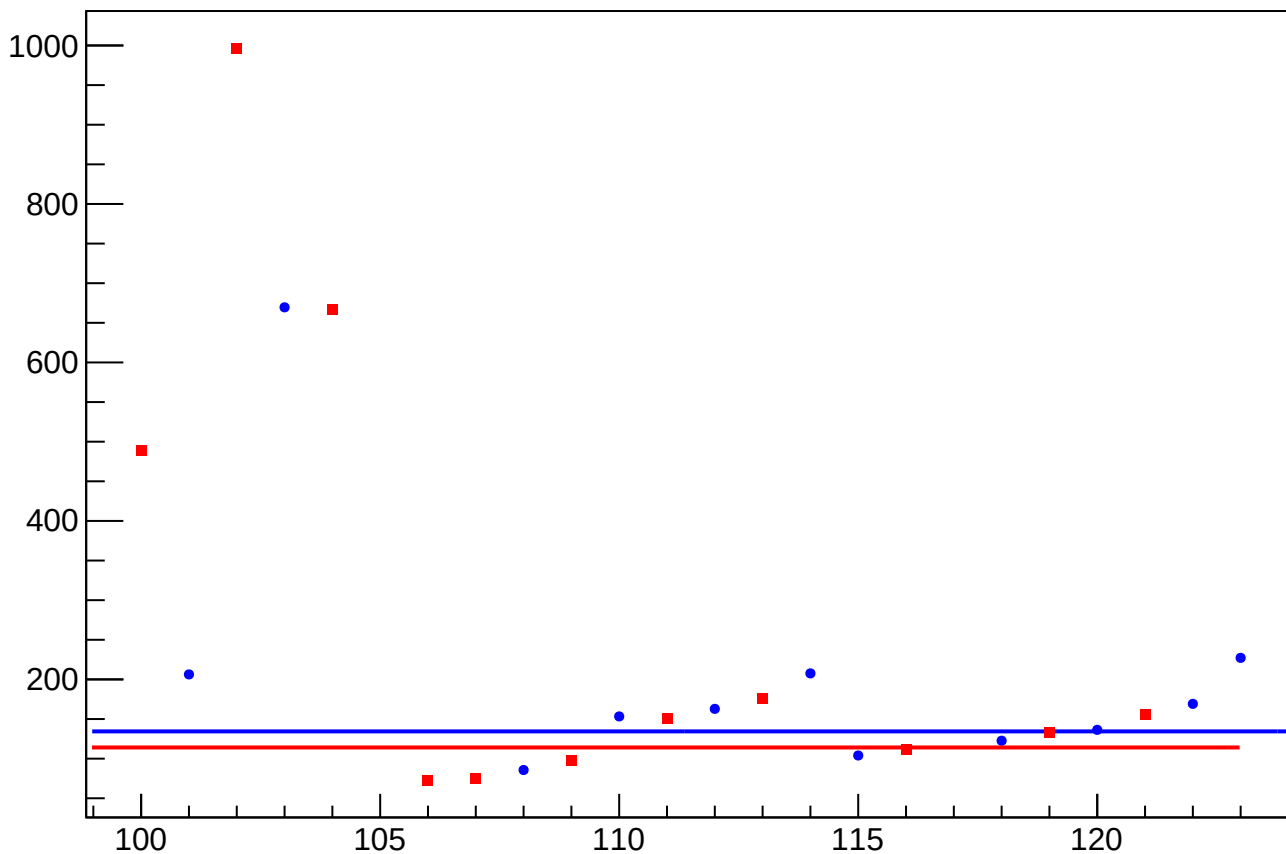
Right: 0.007+/-0.048 χ^2/NDF : 36.9/21

In: -0.009+/-0.074 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.048 χ^2/NDF : 36.9/21

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.406+/-0.052 χ^2/NDF : 1298380.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.100+/-0.045 χ^2/NDF : 1955603.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

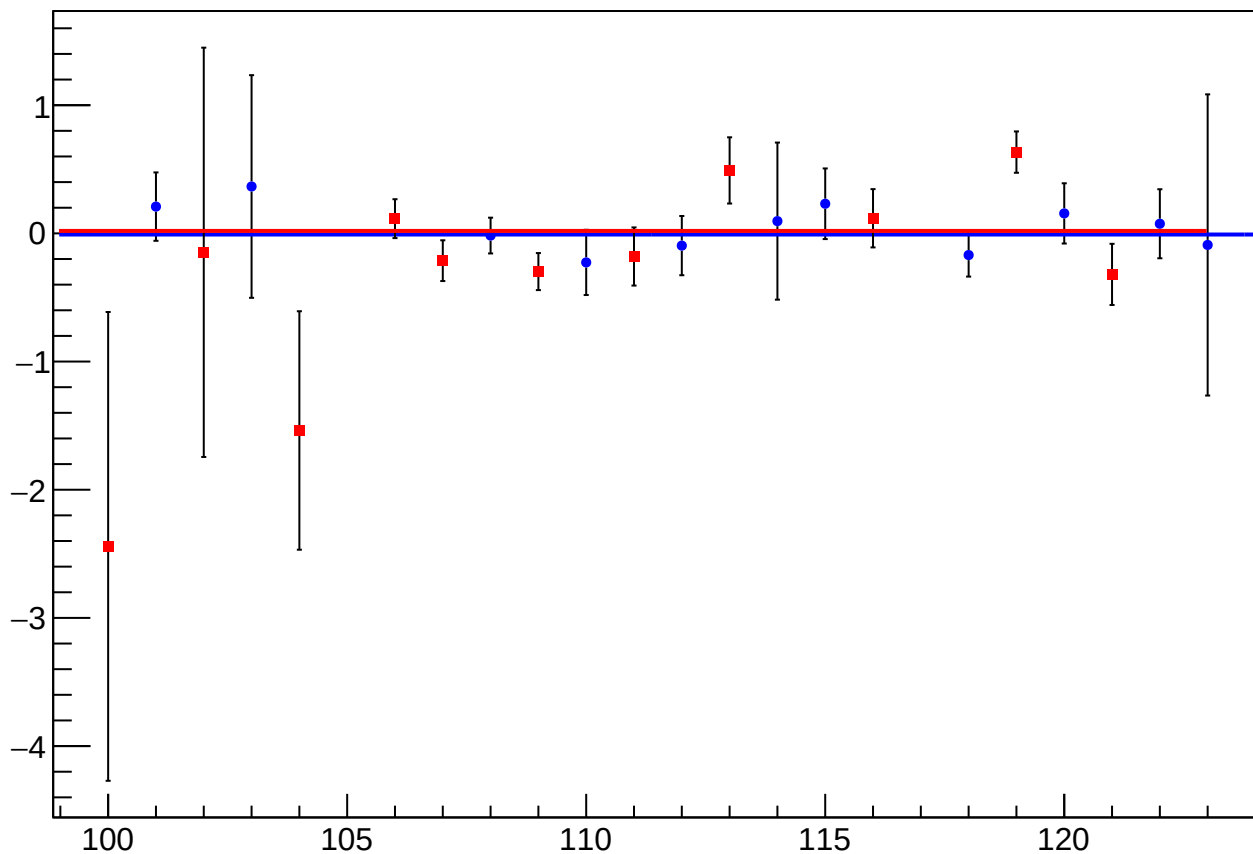
Right: 122.879+/-0.034 χ^2/NDF : 3340481.5/21

In: 134.406+/-0.052 χ^2/NDF : 1298380.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.879+/-0.034 χ^2/NDF : 3340481.5/21

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.074 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.019+/-0.064 χ^2/NDF : 32.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

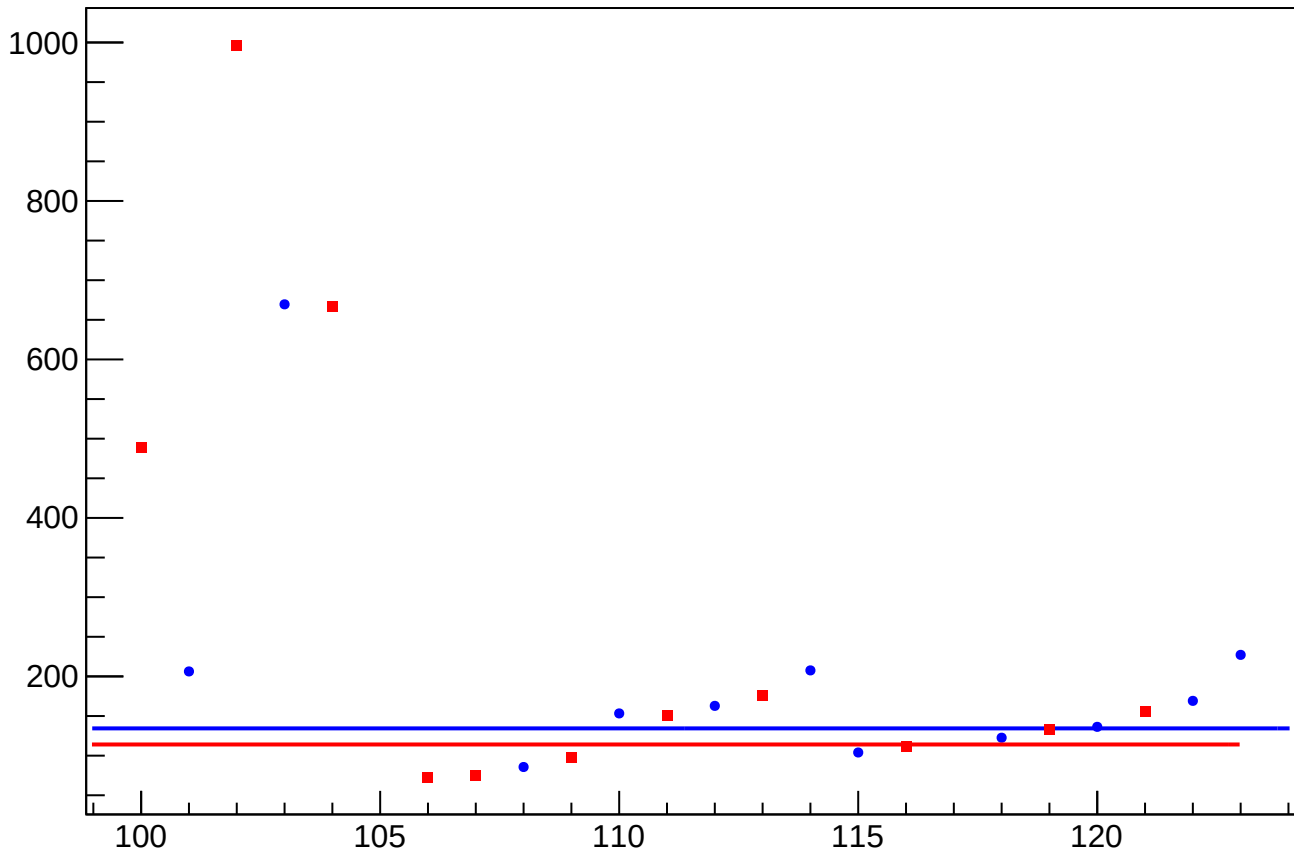
Right: 0.007+/-0.048 χ^2/NDF : 36.9/21

In: -0.009+/-0.074 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.048 χ^2/NDF : 36.9/21

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.406+/-0.052 χ^2/NDF : 1298380.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.100+/-0.045 χ^2/NDF : 1955603.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

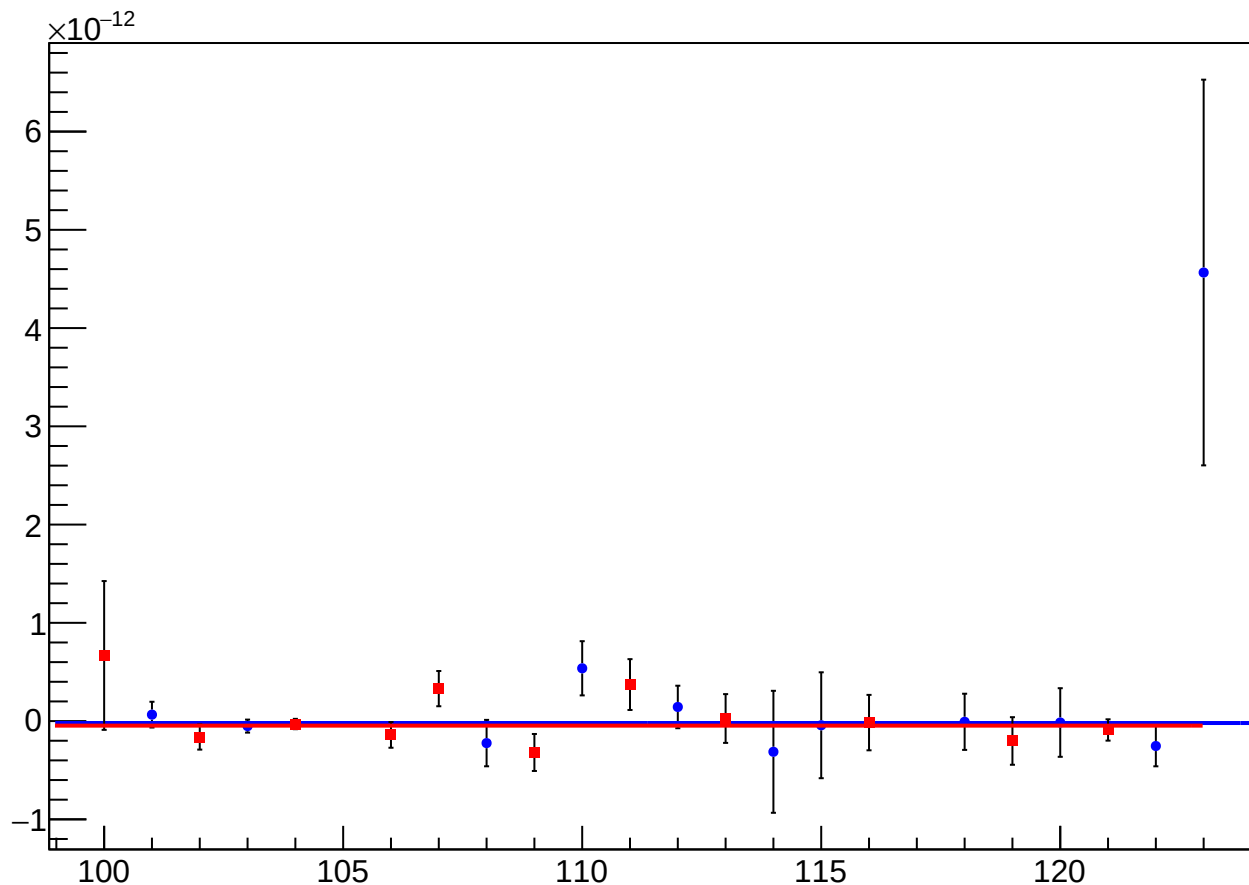
Right: 122.879+/-0.034 χ^2/NDF : 3340481.5/21

In: 134.406+/-0.052 χ^2/NDF : 1298380.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.879+/-0.034 χ^2/NDF : 3340481.5/21

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

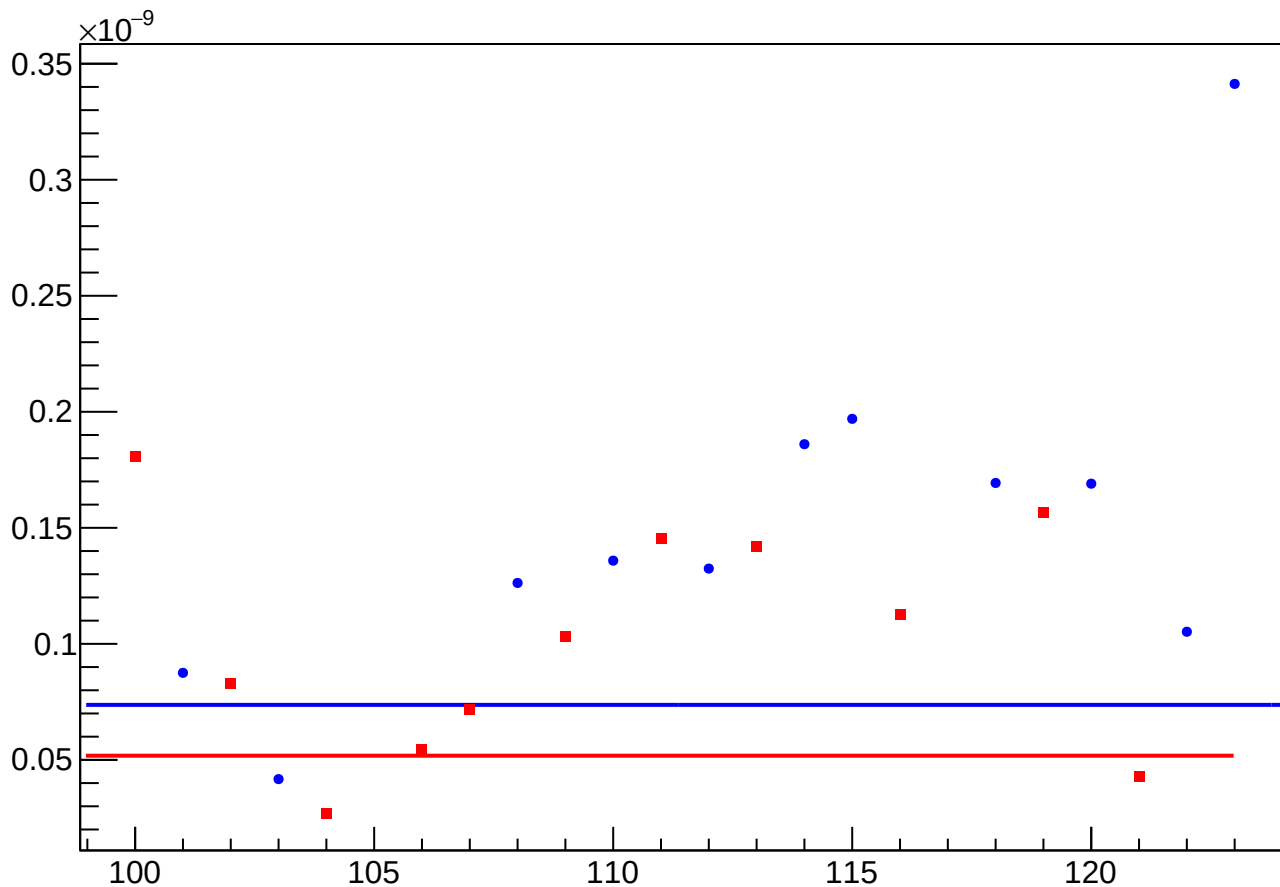
Right: -0.000+/-0.000 χ^2/NDF : 25.3/21

In: -0.000+/-0.000 χ^2/NDF : 13.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.3/21

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1463675.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1811026.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

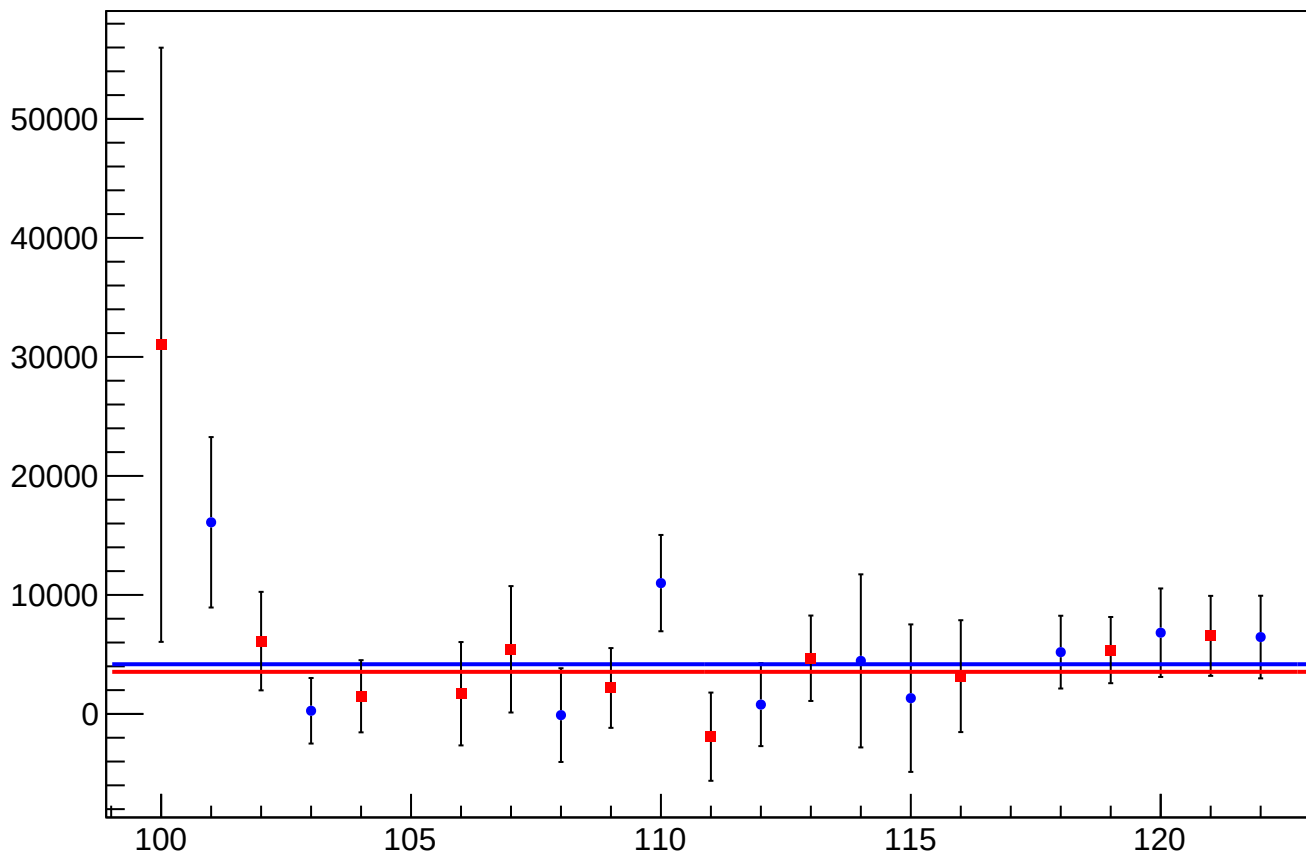
Right: 0.000+/-0.000 χ^2/NDF : 3512977.1/21

In: 0.000+/-0.000 χ^2/NDF : 1463675.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3512977.1/21

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4175.416+/-1225.025 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3537.202+/-1147.368 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

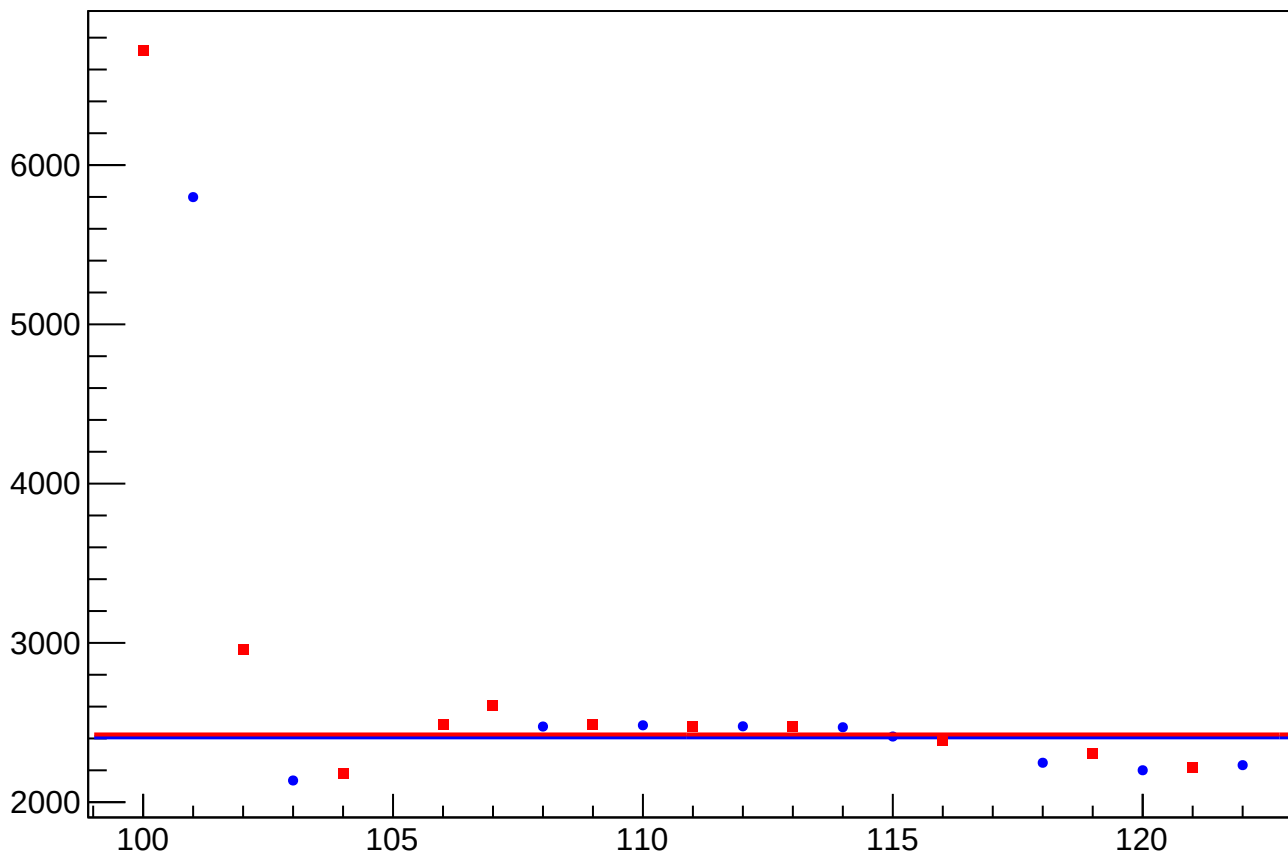
Right: 3835.440+/-837.420 χ^2/NDF : 17.2/20

In: 4175.416+/-1225.025 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3835.440+/-837.420 χ^2/NDF : 17.2/20

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2406.993 $\pm$ 0.866 χ^2 /NDF: 486975.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2425.054 $\pm$ 0.811 χ^2 /NDF: 120943.7/10

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

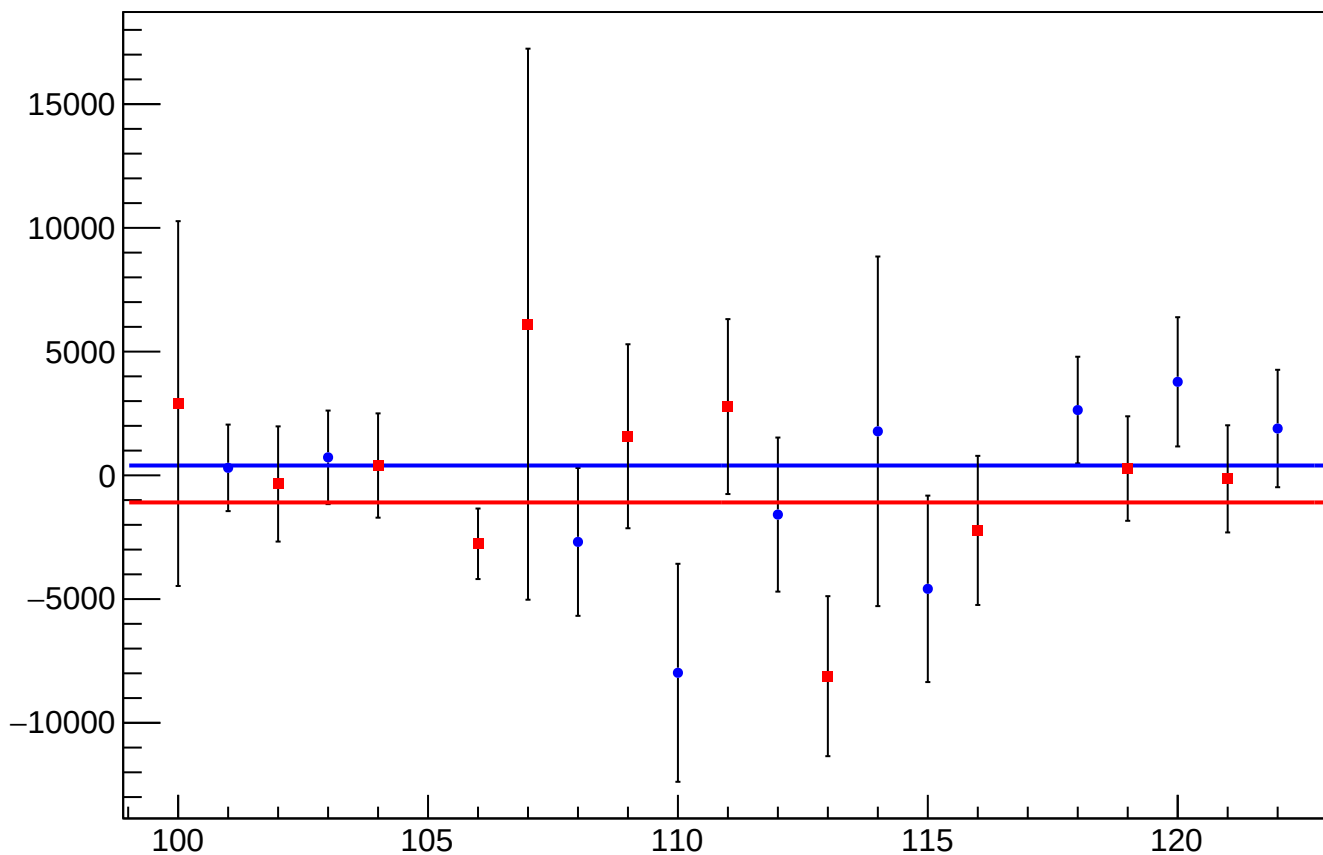
Right: 2416.614 $\pm$ 0.592 χ^2 /NDF: 608150.3/20

In: 2406.993 $\pm$ 0.866 χ^2 /NDF:486975.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2416.614 $\pm$ 0.592 χ^2 /NDF: 608150.3/20

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 397.737+/-815.325 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1094.628+/-761.467 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

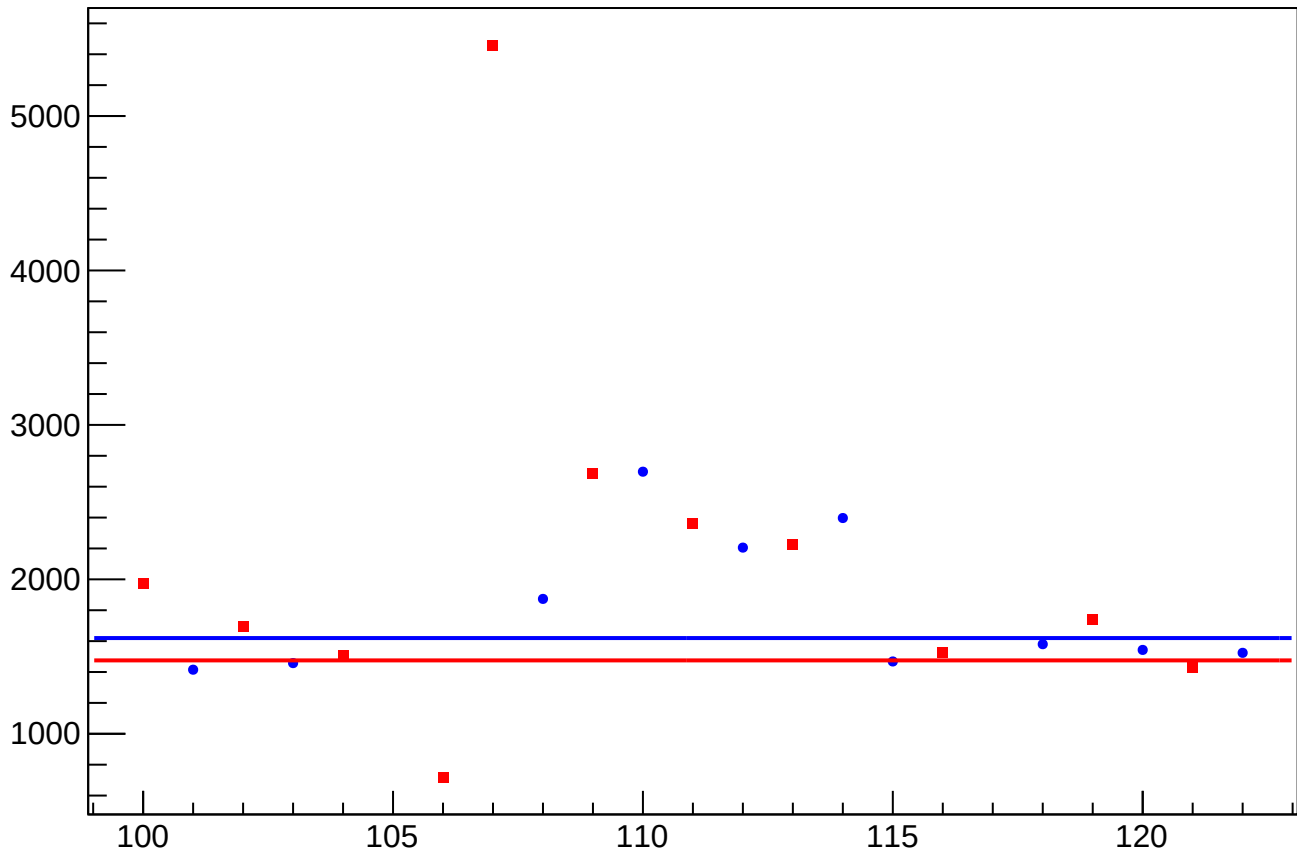
Right: -399.360+/-556.505 χ^2/NDF : 21.7/20

In: 397.737+/-815.325 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.360+/-556.505 χ^2/NDF : 21.7/20

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1619.850+/-0.577 χ^2/NDF : 280118.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1475.214+/-0.538 χ^2/NDF : 1329837.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

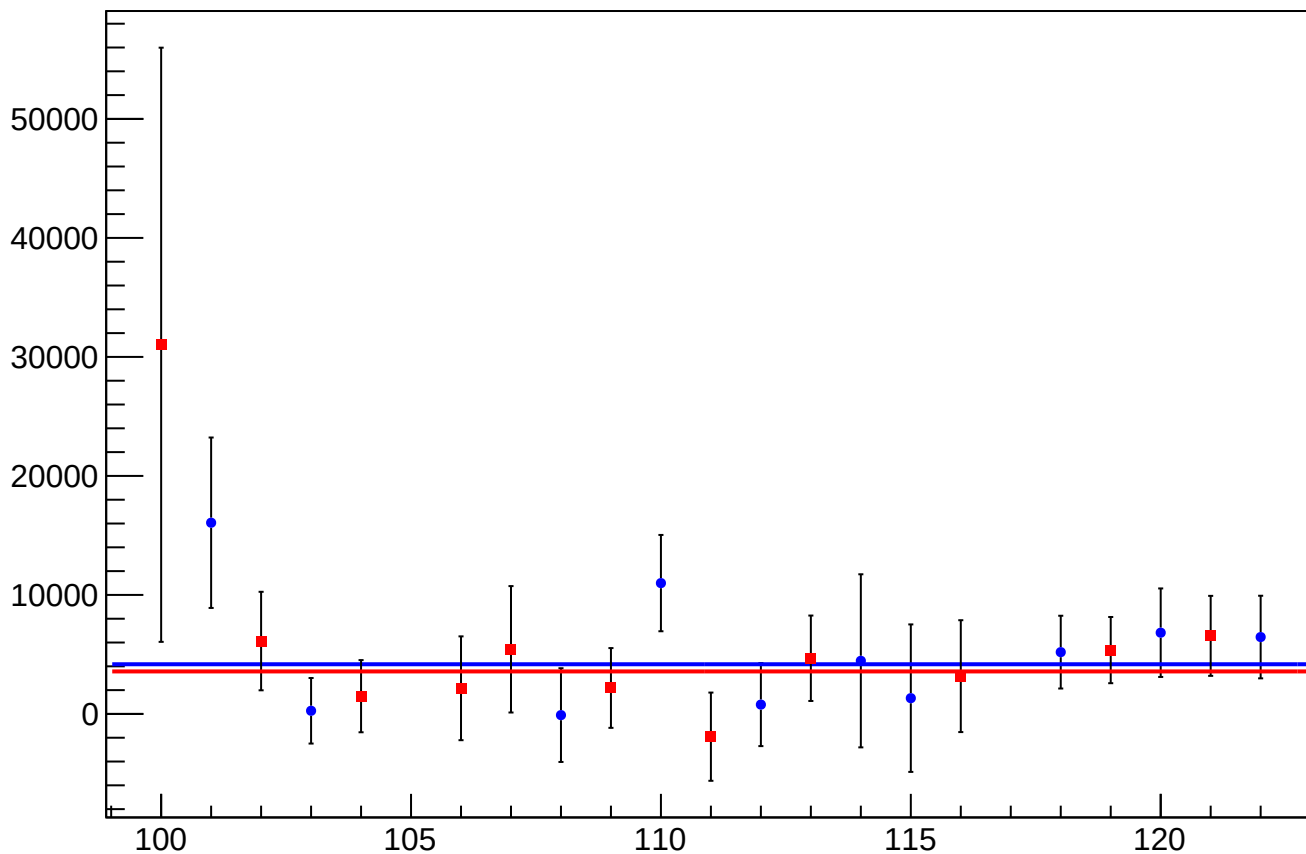
Right: 1542.597+/-0.394 χ^2/NDF : 1643573.3/20

In: 1619.850+/-0.577 χ^2/NDF : 280118.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1542.597+/-0.394 χ^2/NDF : 1643573.3/20

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4174.308+/-1225.026 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3570.930+/-1147.717 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

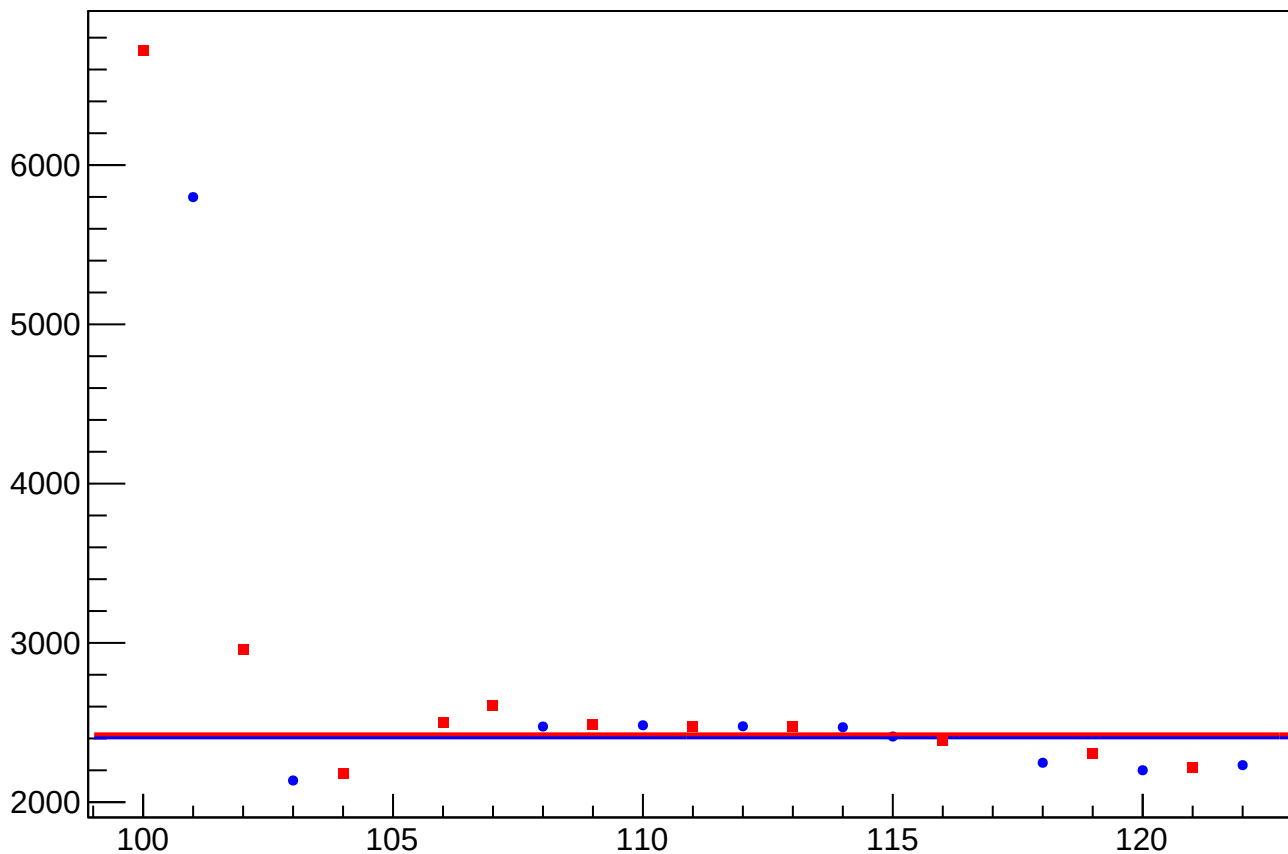
Right: 3852.981+/-837.556 χ^2/NDF : 17.1/20

In: 4174.308+/-1225.026 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3852.981+/-837.556 χ^2/NDF : 17.1/20

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2406.993+/-0.866 χ^2/NDF : 486975.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2425.764+/-0.812 χ^2/NDF : 121098.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

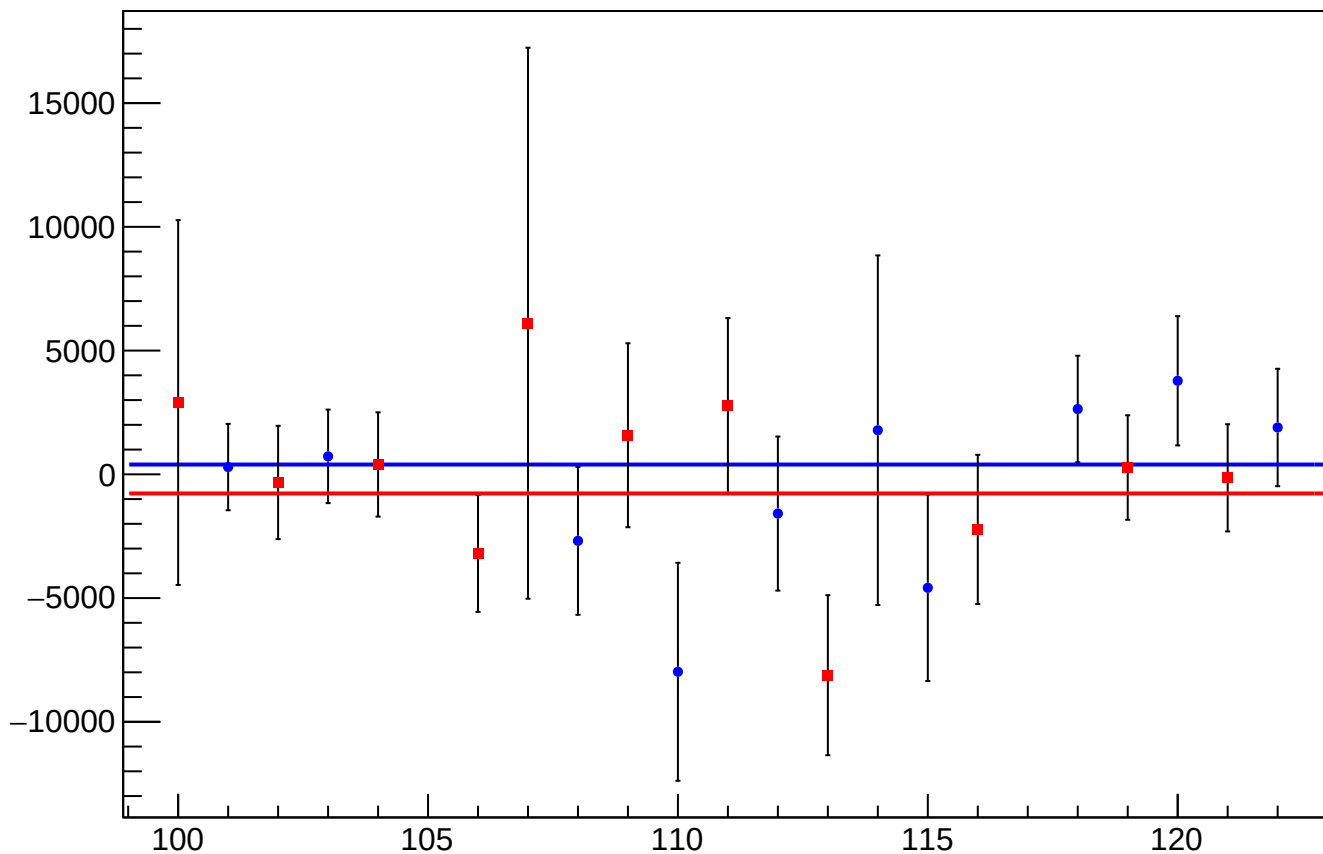
Right: 2416.989+/-0.592 χ^2/NDF : 608324.4/20

In: 2406.993+/-0.866 χ^2/NDF : 486975.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.989+/-0.592 χ^2/NDF : 608324.4/20

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 395.684+/-815.080 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -773.015+/-839.904 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

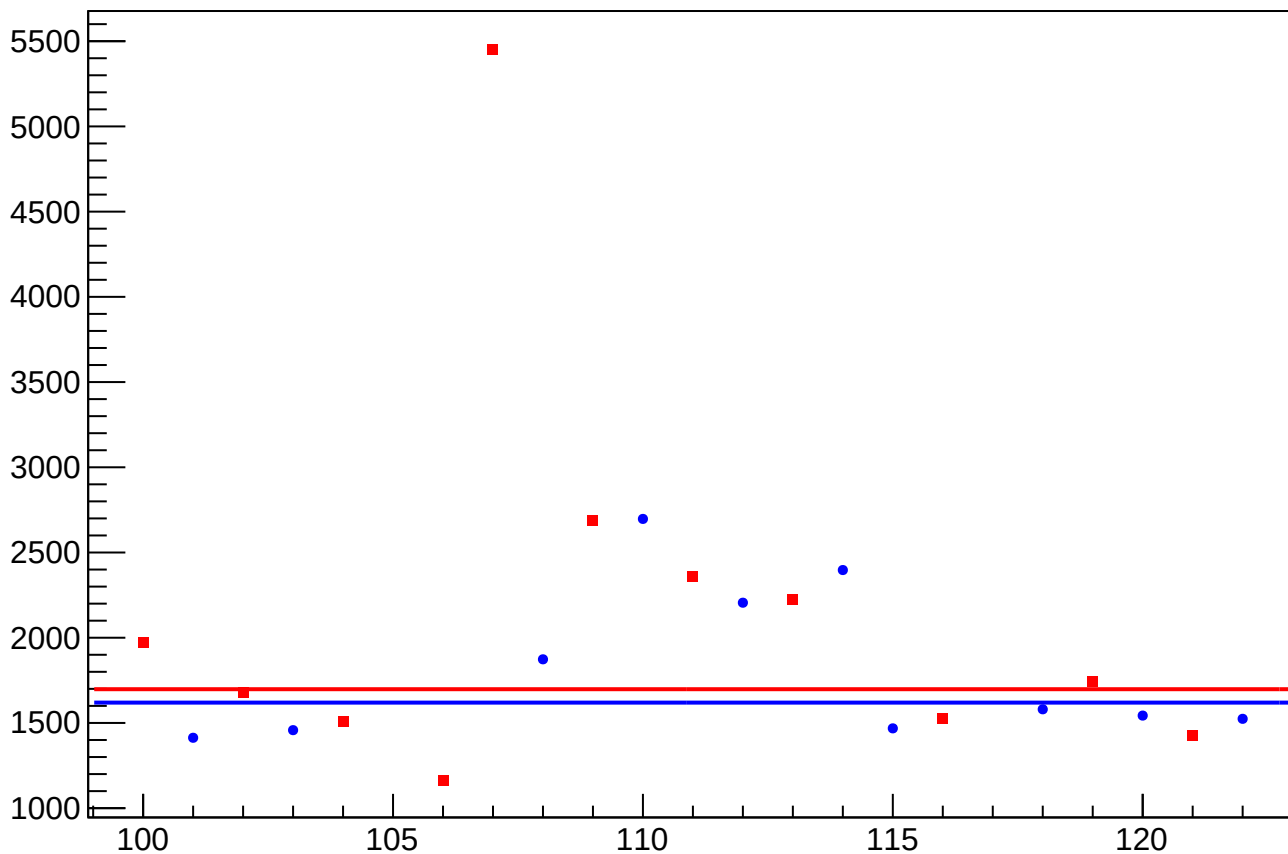
Right: -171.140+/-584.928 χ^2/NDF : 20.2/20

In: 395.684+/-815.080 χ^2/NDF :10.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -171.140+/-584.928 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1619.317+/-0.576 χ^2/NDF : 280709.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1697.982+/-0.594 χ^2/NDF : 654363.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

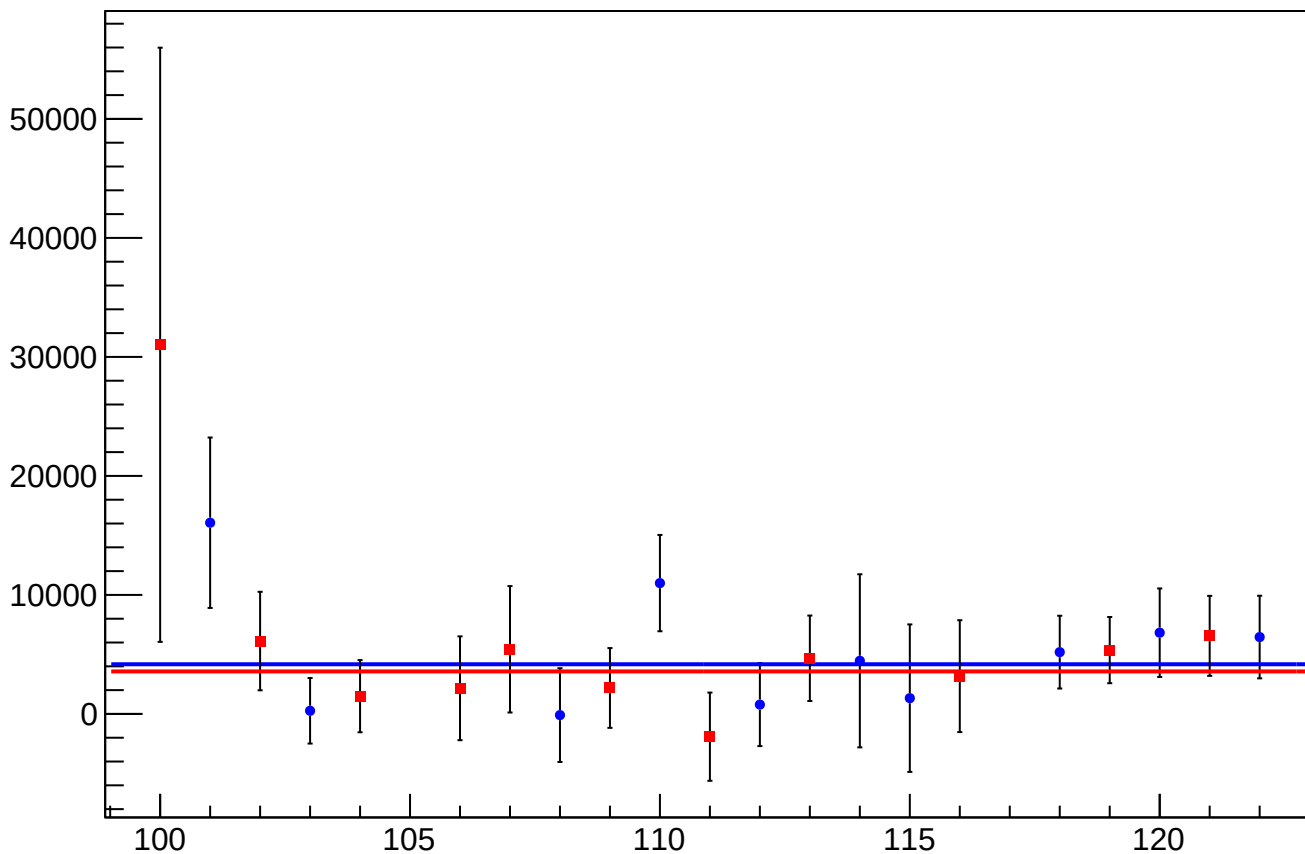
Right: 1657.470+/-0.414 χ^2/NDF : 944108.3/20

In: 1619.317+/-0.576 χ^2/NDF : 280709.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.470+/-0.414 χ^2/NDF : 944108.3/20

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4174.308+/-1225.026 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3570.930+/-1147.717 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

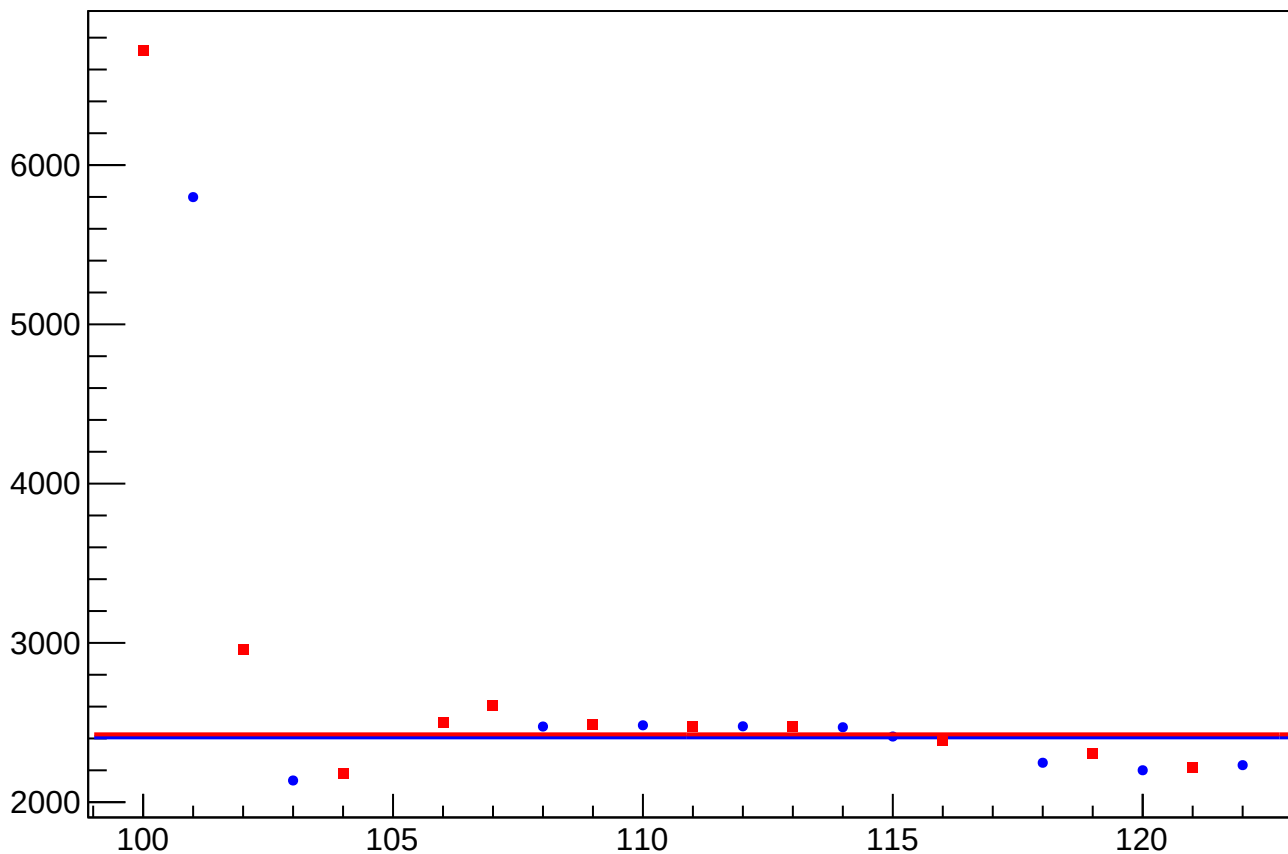
Right: 3852.981+/-837.556 χ^2/NDF : 17.1/20

In: 4174.308+/-1225.026 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3852.981+/-837.556 χ^2/NDF : 17.1/20

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2406.993+/-0.866 χ^2/NDF : 486975.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2425.764+/-0.812 χ^2/NDF : 121098.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

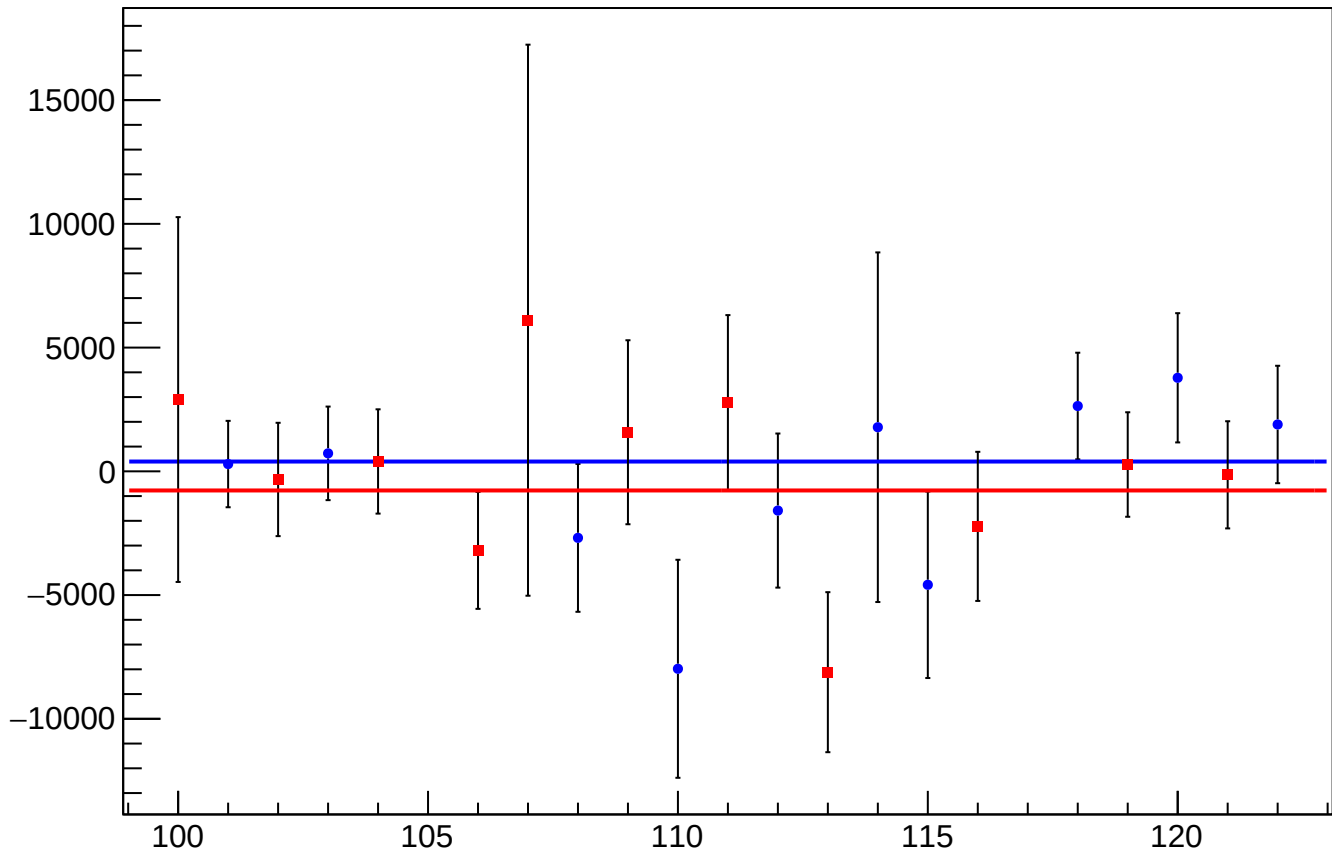
Right: 2416.989+/-0.592 χ^2/NDF : 608324.4/20

In: 2406.993+/-0.866 χ^2/NDF : 486975.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.989+/-0.592 χ^2/NDF : 608324.4/20

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 395.684+/-815.080 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -773.015+/-839.904 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

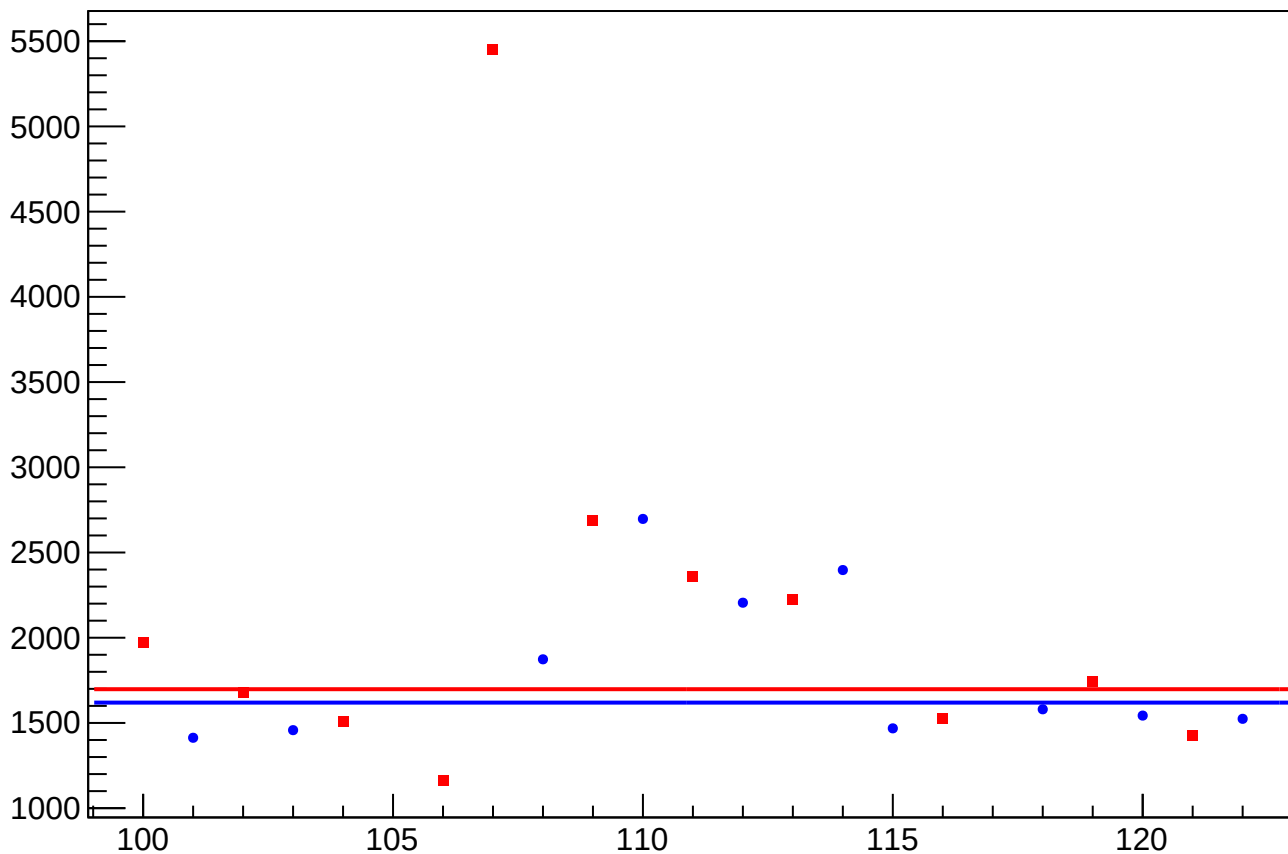
Right: -171.140+/-584.928 χ^2/NDF : 20.2/20

In: 395.684+/-815.080 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -171.140+/-584.928 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1619.317+/-0.576 χ^2/NDF : 280709.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1697.982+/-0.594 χ^2/NDF : 654363.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

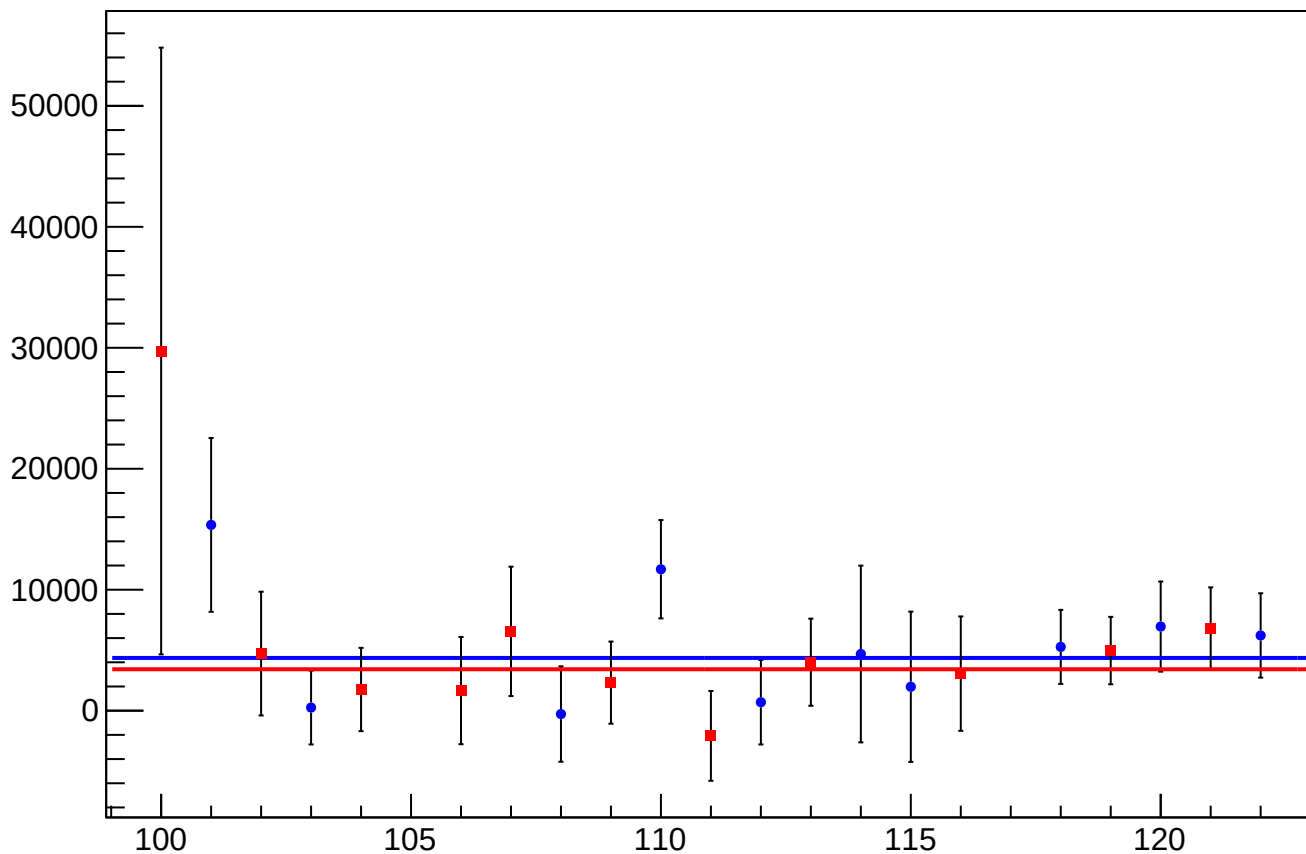
Right: 1657.470+/-0.414 χ^2/NDF : 944108.3/20

In: 1619.317+/-0.576 χ^2/NDF : 280709.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.470+/-0.414 χ^2/NDF : 944108.3/20

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4360.446+/-1250.663 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3425.598+/-1188.368 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

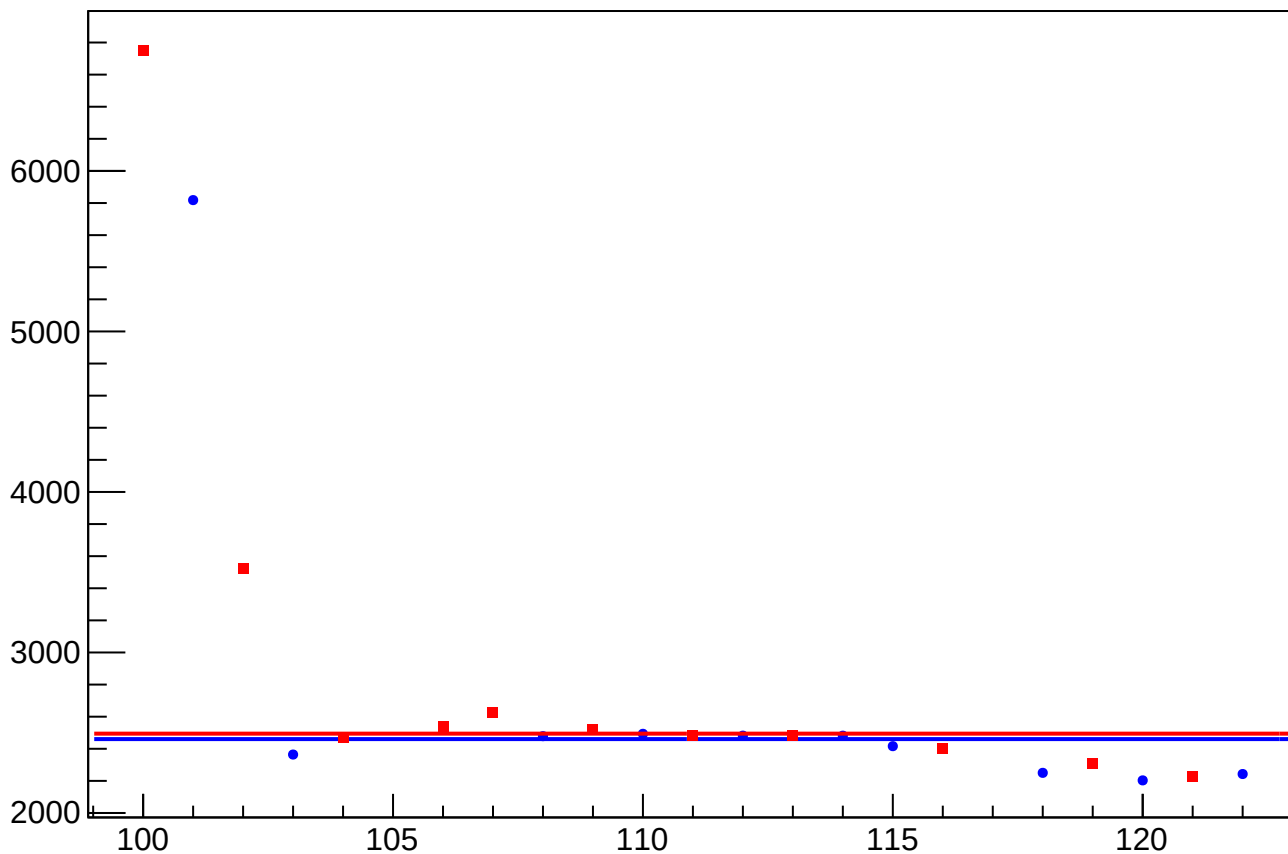
Right: 3869.160+/-861.484 χ^2/NDF : 16.8/20

In: 4360.446+/-1250.663 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3869.160+/-861.484 χ^2/NDF : 16.8/20

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2460.369+/-0.884 χ^2/NDF : 465907.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2494.303+/-0.840 χ^2/NDF : 162008.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

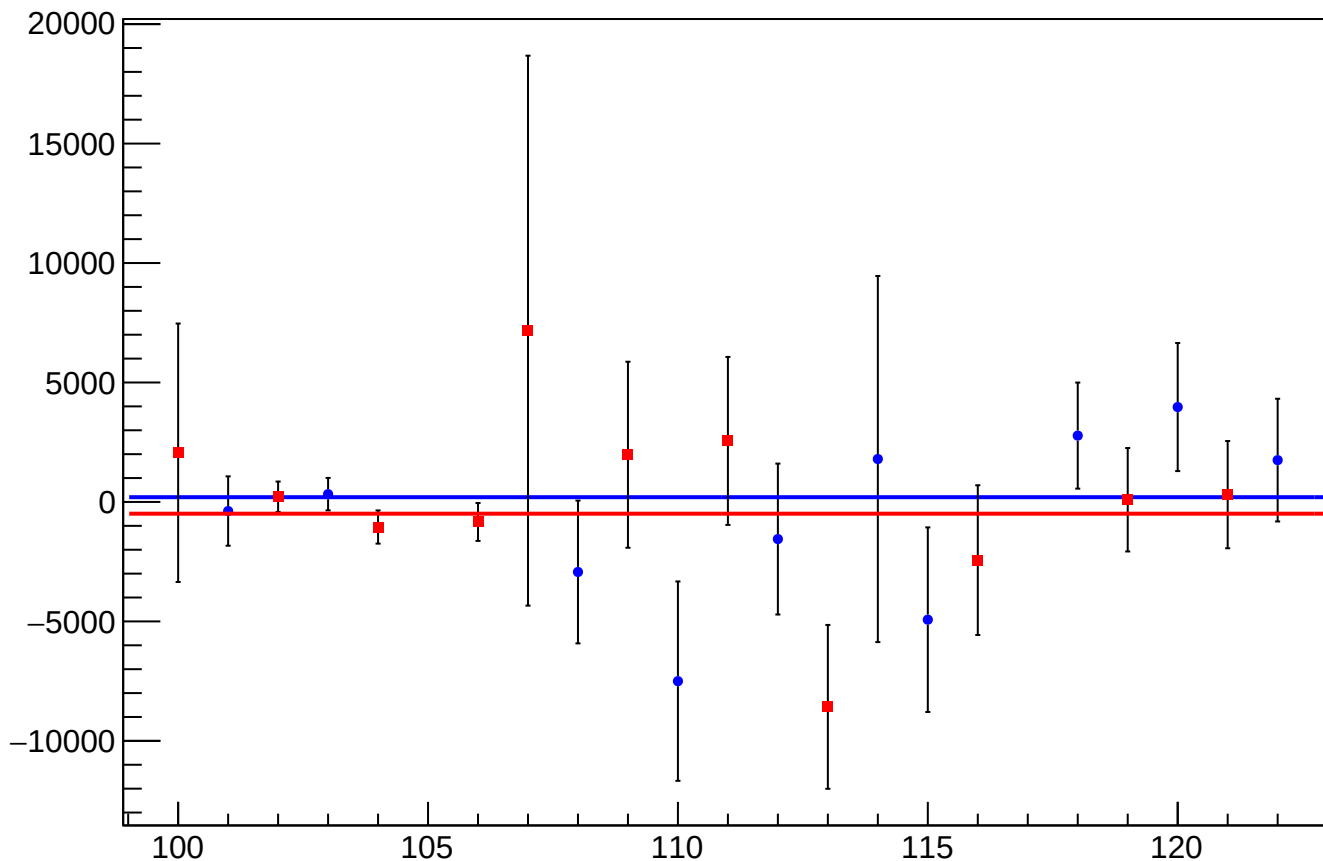
Right: 2478.202+/-0.609 χ^2/NDF : 628689.7/20

In: 2460.369+/-0.884 χ^2/NDF : 465907.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.202+/-0.609 χ^2/NDF : 628689.7/20

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.347+/-535.412 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -491.210+/-380.278 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

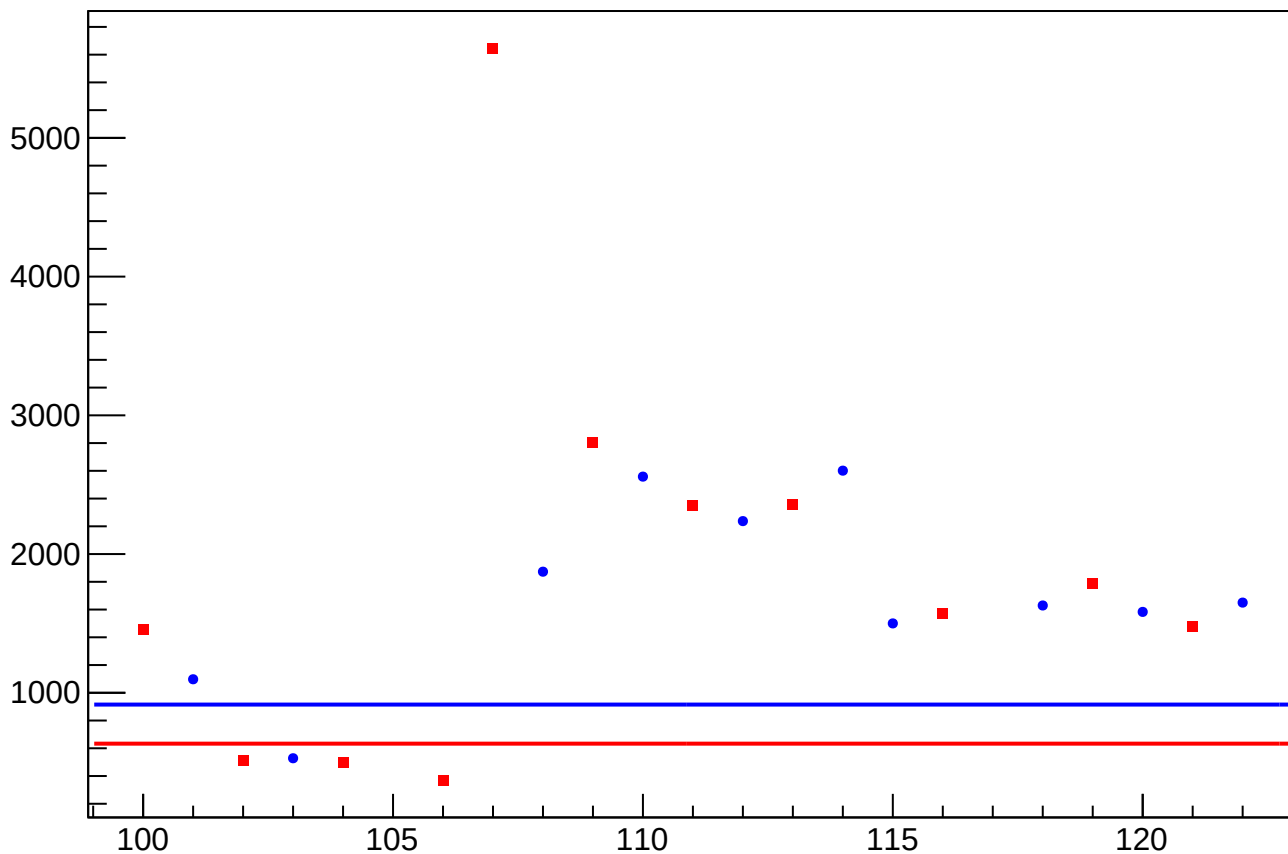
Right: -259.660+/-310.035 χ^2/NDF : 21.7/20

In: 199.347+/-535.412 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -259.660+/-310.035 χ^2/NDF : 21.7/20

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 915.025+/-0.379 χ^2/NDF : 2184510.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 633.309+/-0.269 χ^2/NDF : 3435600.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

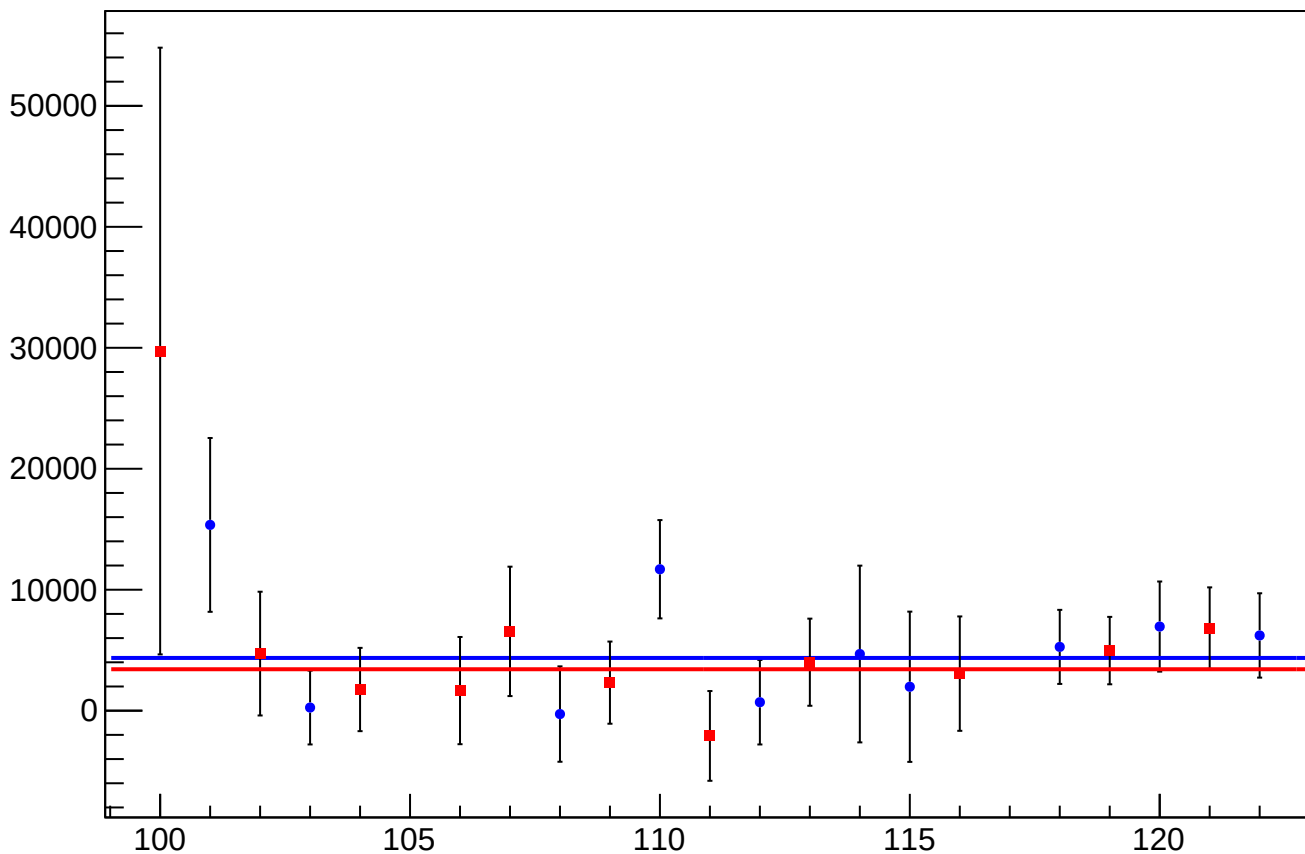
Right: 727.771+/-0.219 χ^2/NDF : 5988151.9/20

In: 915.025+/-0.379 χ^2/NDF : 2184510.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.771+/-0.219 χ^2/NDF : 5988151.9/20

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4360.440+/-1250.663 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3425.595+/-1188.367 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

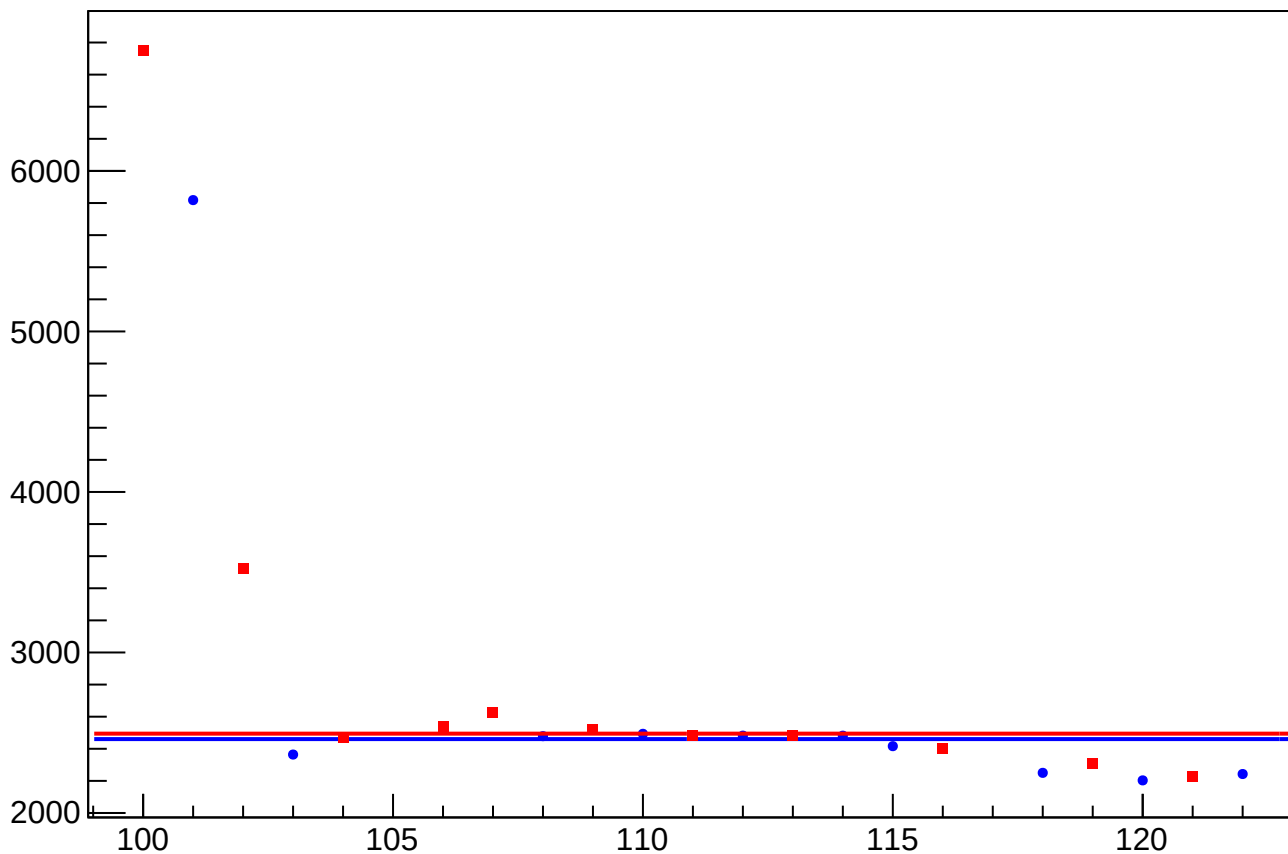
Right: 3869.156+/-861.484 χ^2/NDF : 16.8/20

In: 4360.440+/-1250.663 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3869.156+/-861.484 χ^2/NDF : 16.8/20

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2460.368+/-0.884 χ^2/NDF : 465908.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2494.302+/-0.840 χ^2/NDF : 162007.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

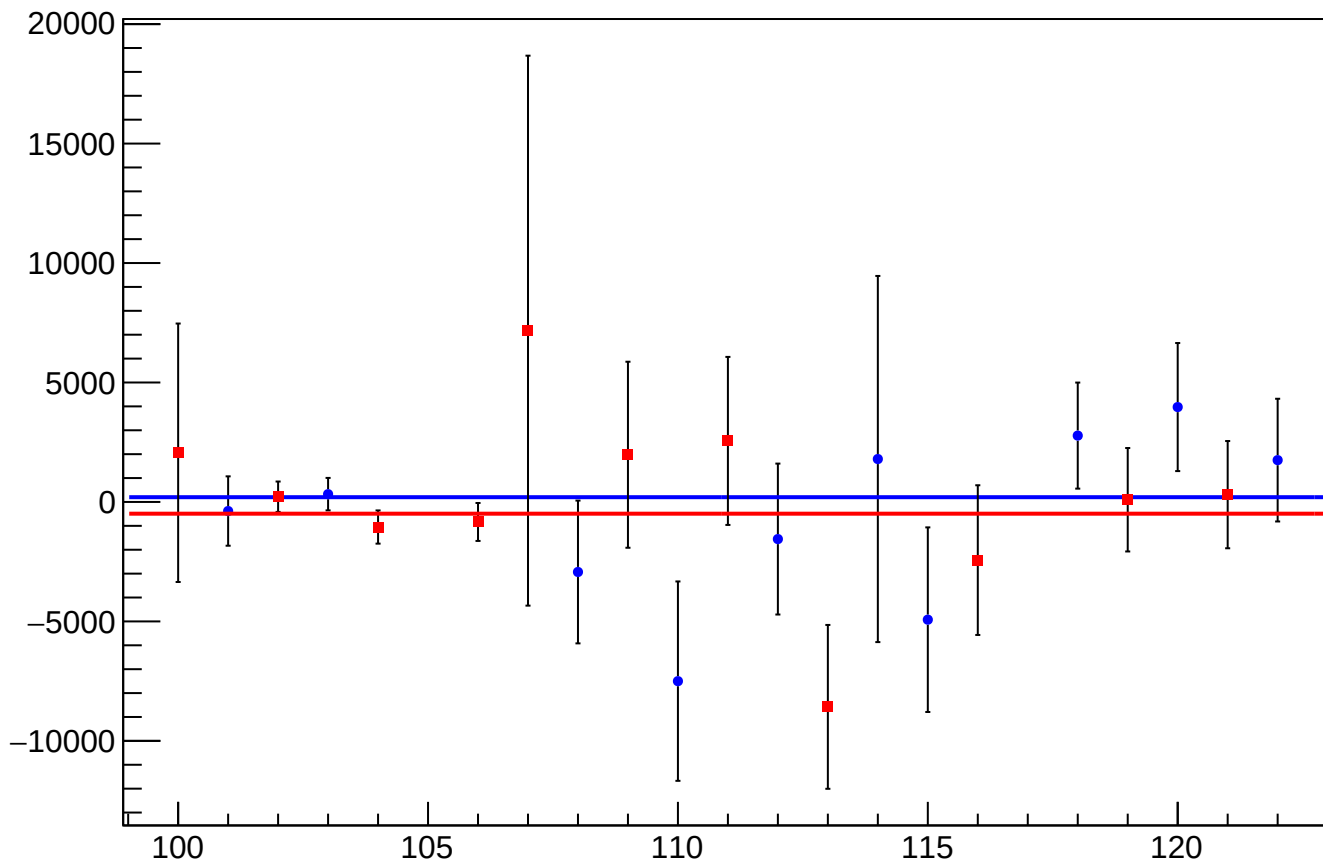
Right: 2478.201+/-0.609 χ^2/NDF : 628689.2/20

In: 2460.368+/-0.884 χ^2/NDF : 465908.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.201+/-0.609 χ^2/NDF : 628689.2/20

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.342+/-535.416 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -491.215+/-380.284 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

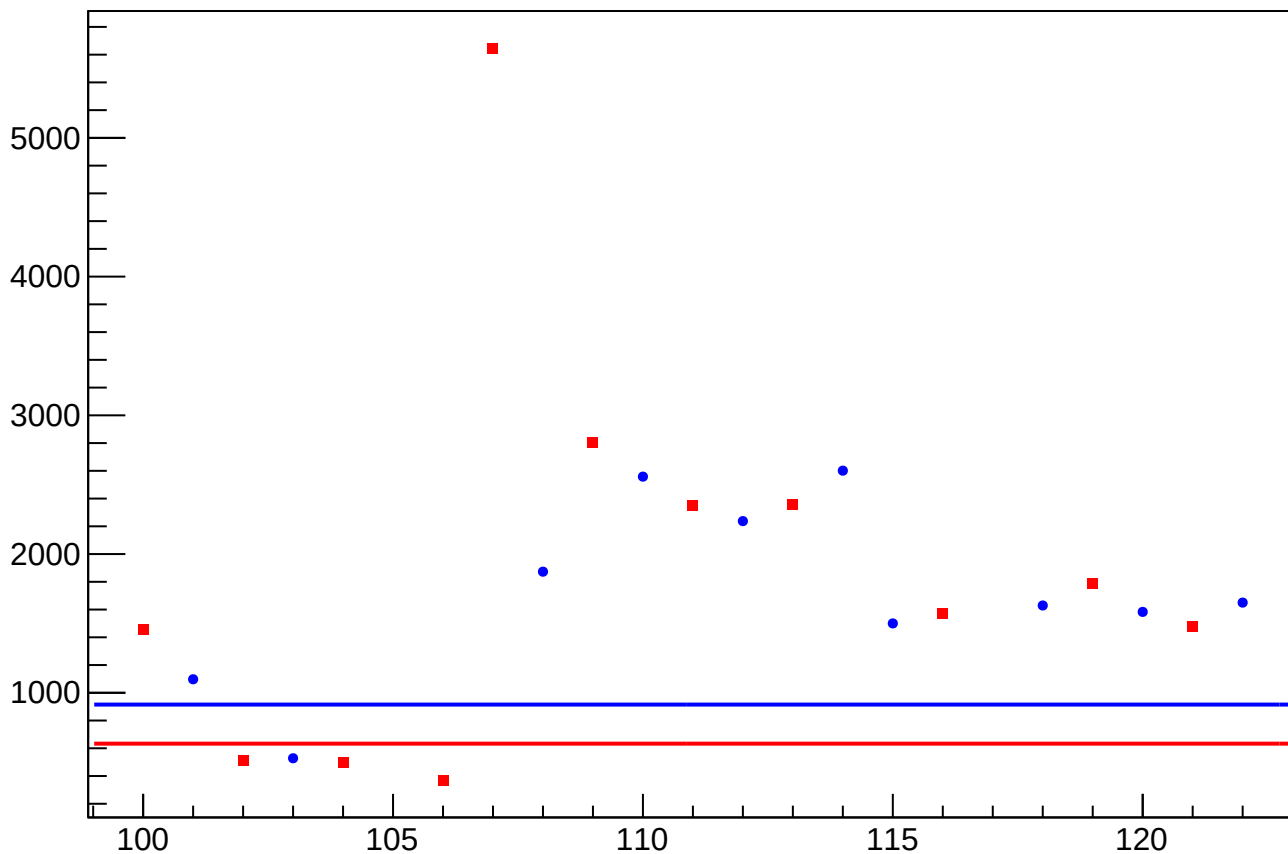
Right: -259.663+/-310.039 χ^2/NDF : 21.7/20

In: 199.342+/-535.416 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.663+/-310.039 χ^2/NDF : 21.7/20

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 915.035+/-0.379 χ^2/NDF : 2184467.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 633.322+/-0.269 χ^2/NDF : 3435535.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

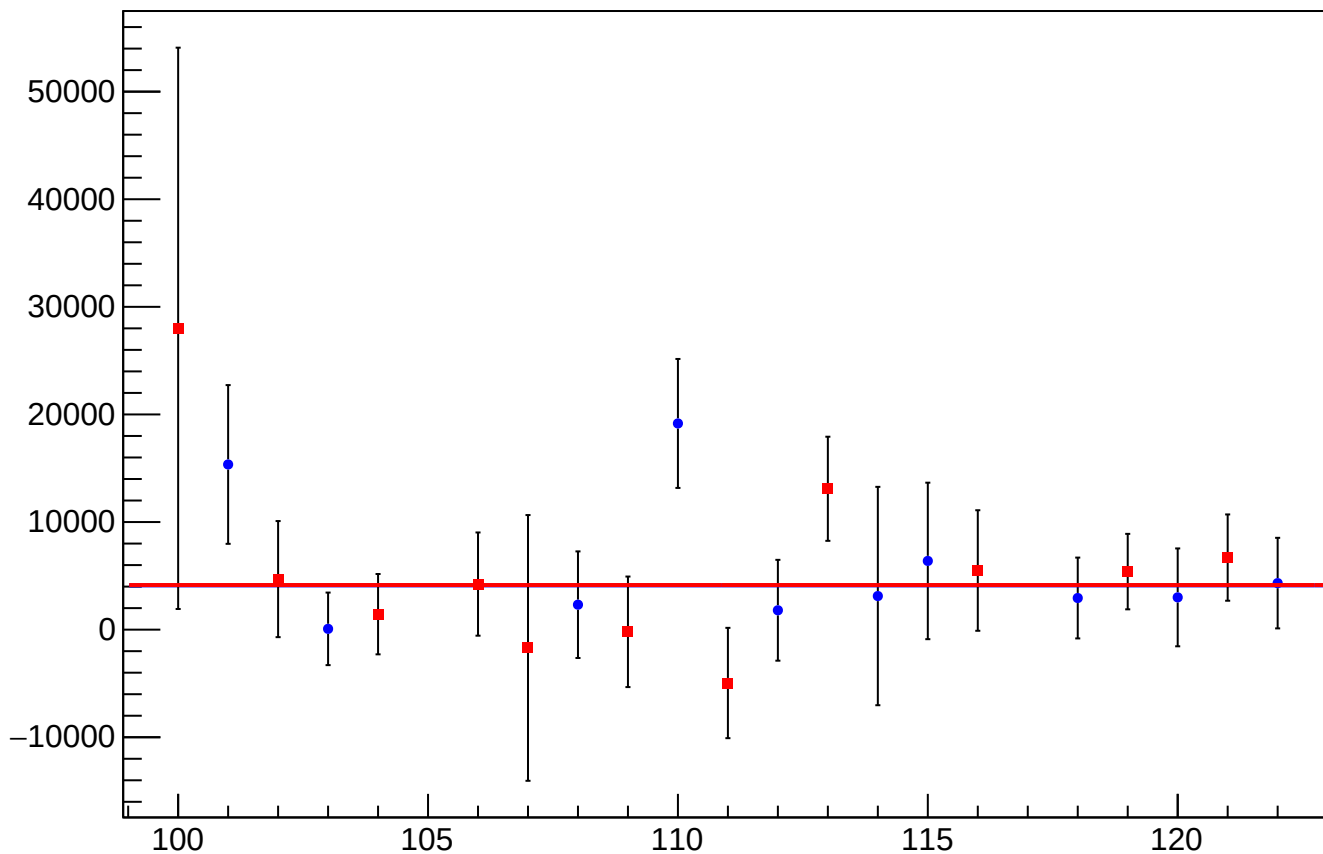
Right: 727.784+/-0.219 χ^2/NDF : 5988028.4/20

In: 915.035+/-0.379 χ^2/NDF :2184467.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 727.784+/-0.219 χ^2/NDF : 5988028.4/20

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4113.463+/-1534.211 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4145.019+/-1487.909 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

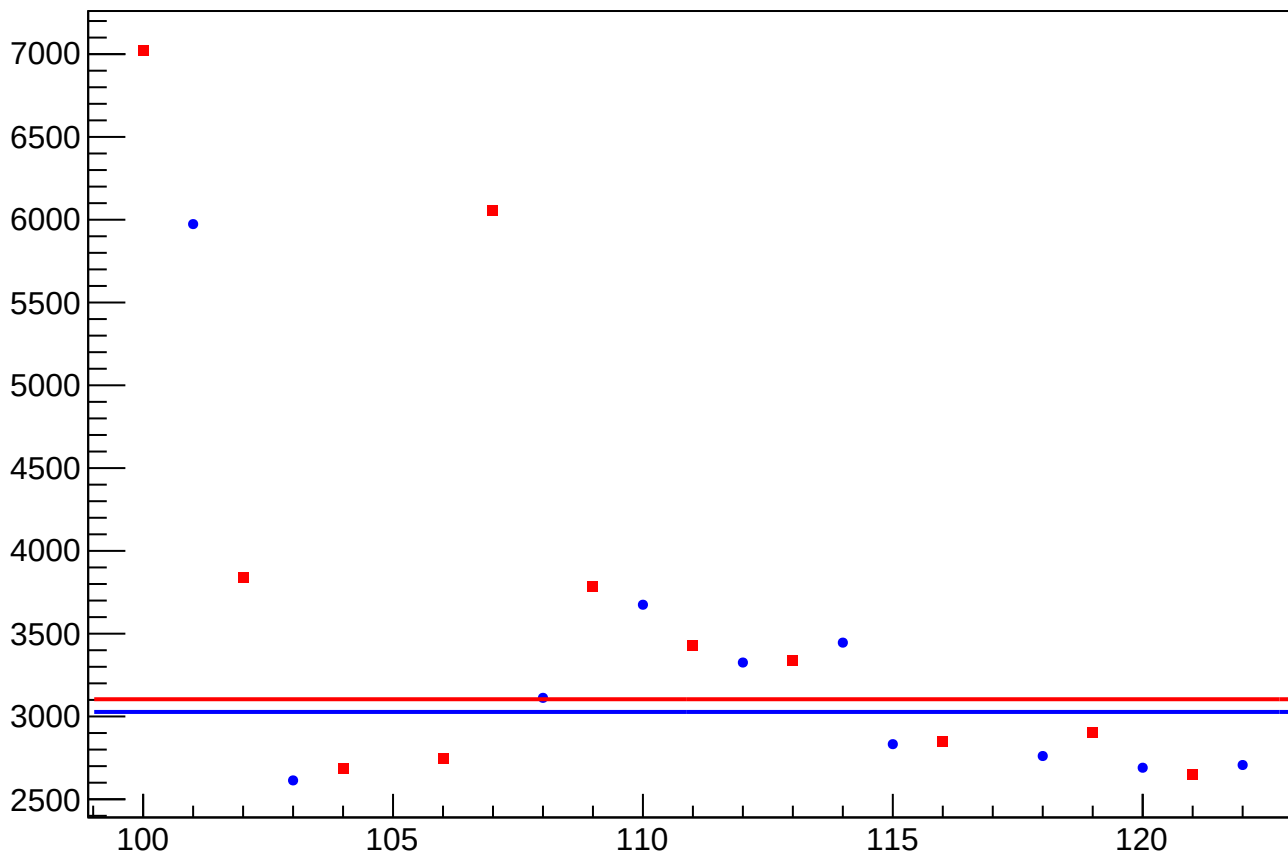
Right: 4129.724+/-1068.105 χ^2/NDF : 20.2/20

In: 4113.463+/-1534.211 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4129.724+/-1068.105 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3027.328+/-1.085 χ^2/NDF : 418701.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3104.031+/-1.052 χ^2/NDF : 316507.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

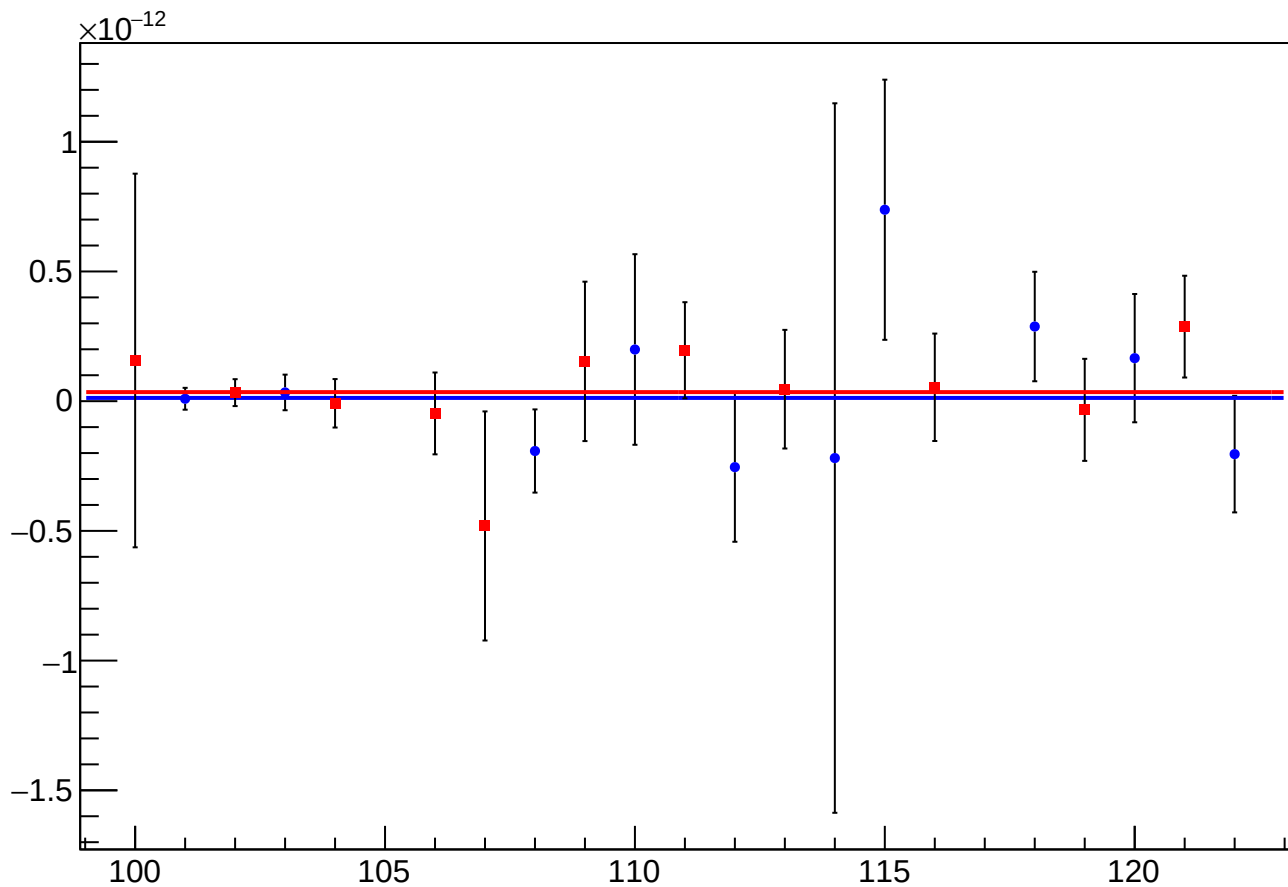
Right: 3066.855+/-0.755 χ^2/NDF : 737784.6/20

In: 3027.328+/-1.085 χ^2/NDF : 418701.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3066.855+/-0.755 χ^2/NDF : 737784.6/20

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

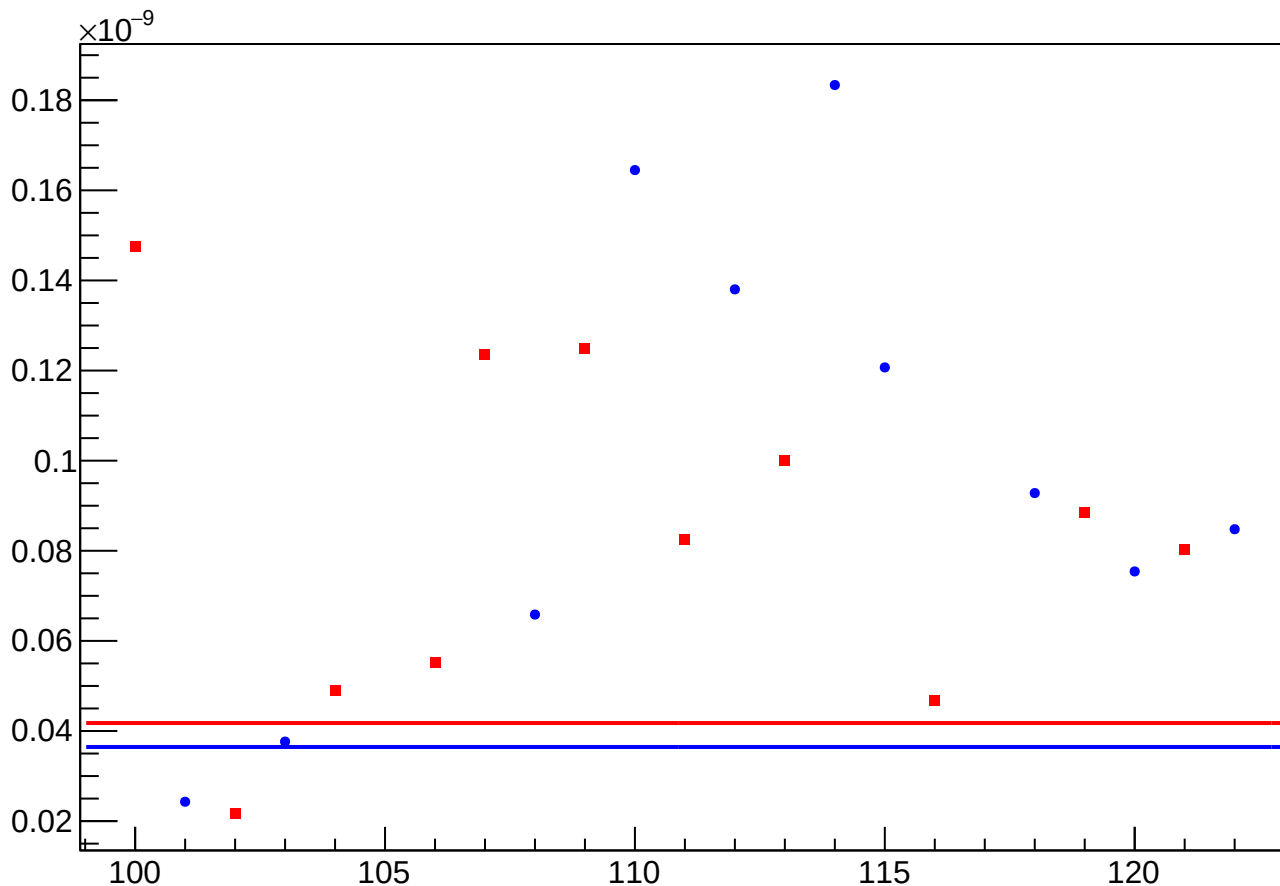
Right: 0.000+/-0.000 χ^2/NDF : 12.7/20

In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.7/20

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1090940.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1002567.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

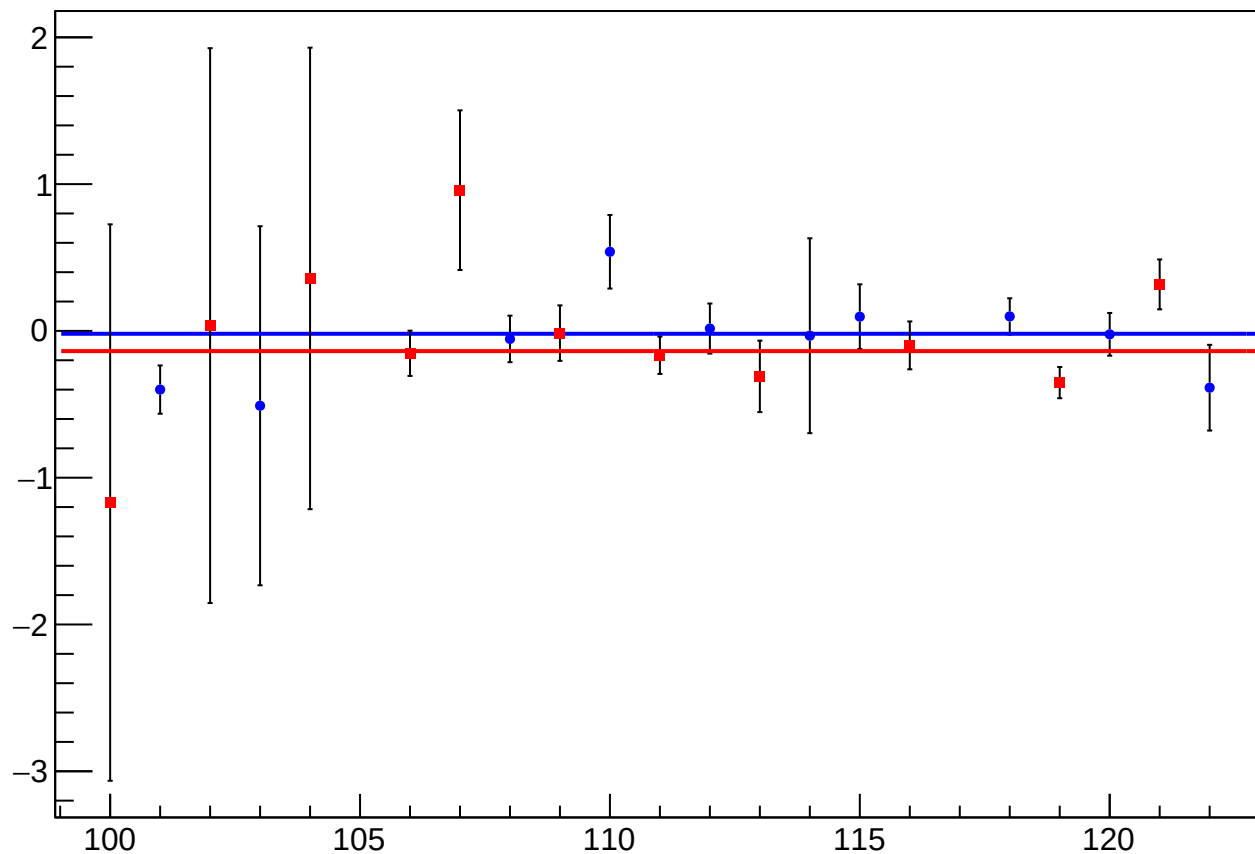
Right: 0.000+/-0.000 χ^2/NDF : 2115152.1/20

In: 0.000+/-0.000 χ^2/NDF :1090940.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2115152.1/20

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.138 ± 0.056 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

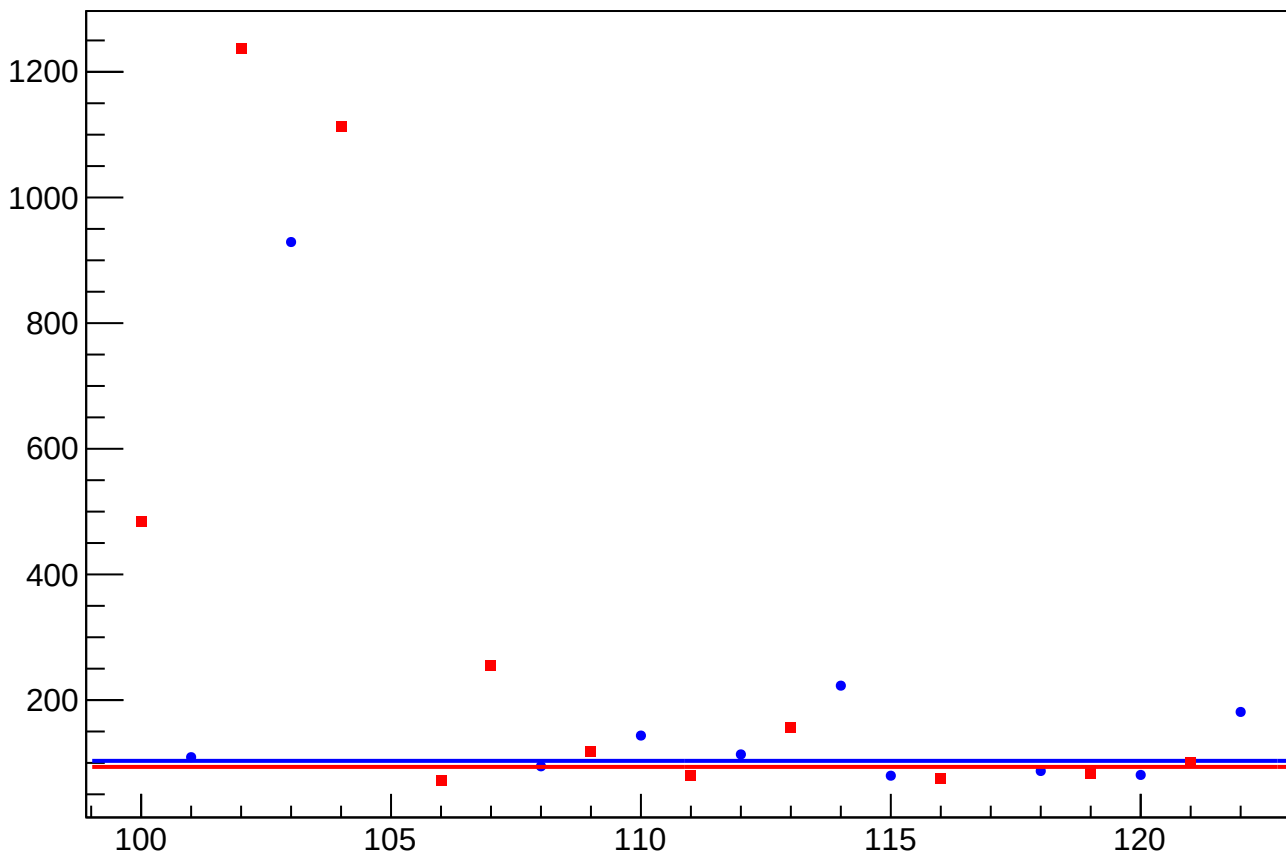
Right: -0.082 ± 0.041 χ^2/NDF : 32.1/20

In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.082 ± 0.041 χ^2/NDF : 32.1/20

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.254+/-0.043 χ^2/NDF : 1291290.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.615+/-0.040 χ^2/NDF : 2119052.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

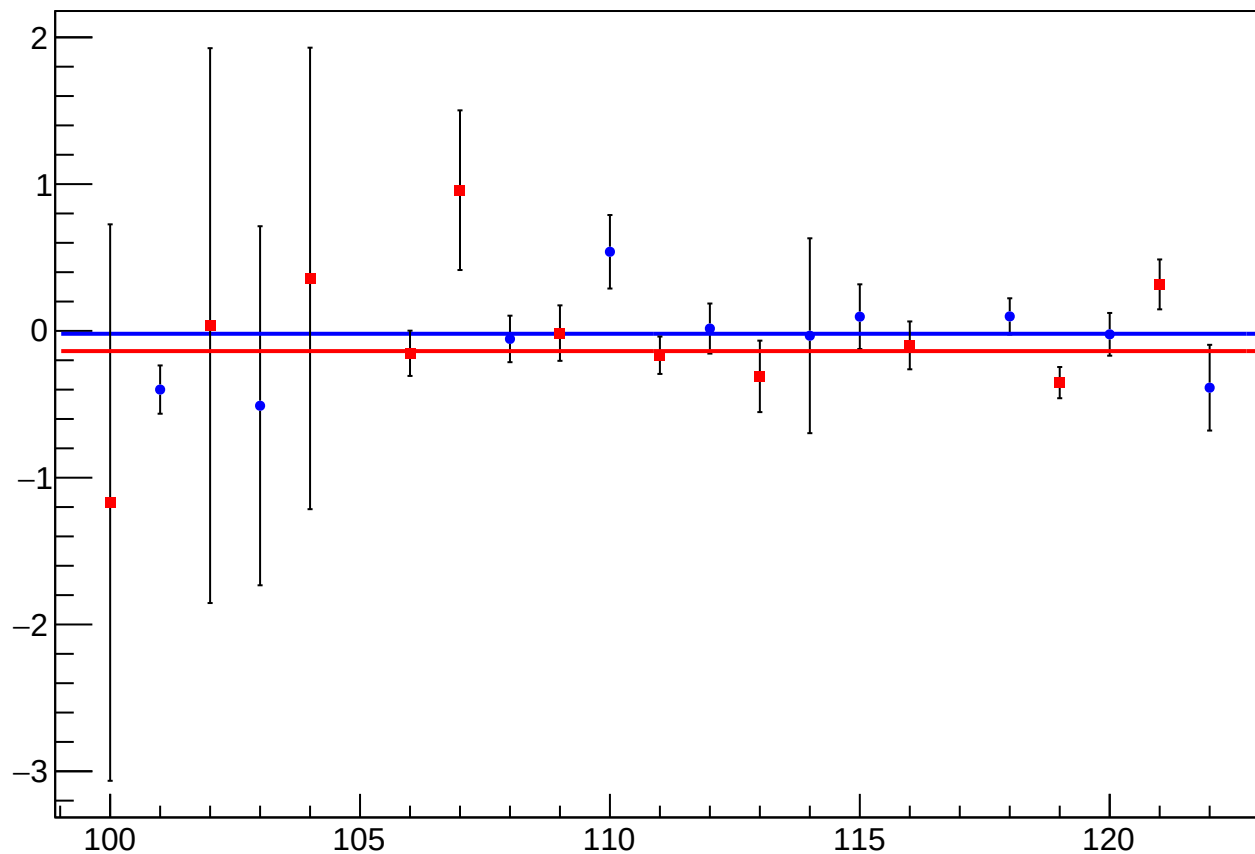
Right: 98.119+/-0.029 χ^2/NDF : 3437592.2/20

In: 103.254+/-0.043 χ^2/NDF : 1291290.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.119+/-0.029 χ^2/NDF : 3437592.2/20

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.138 ± 0.056 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

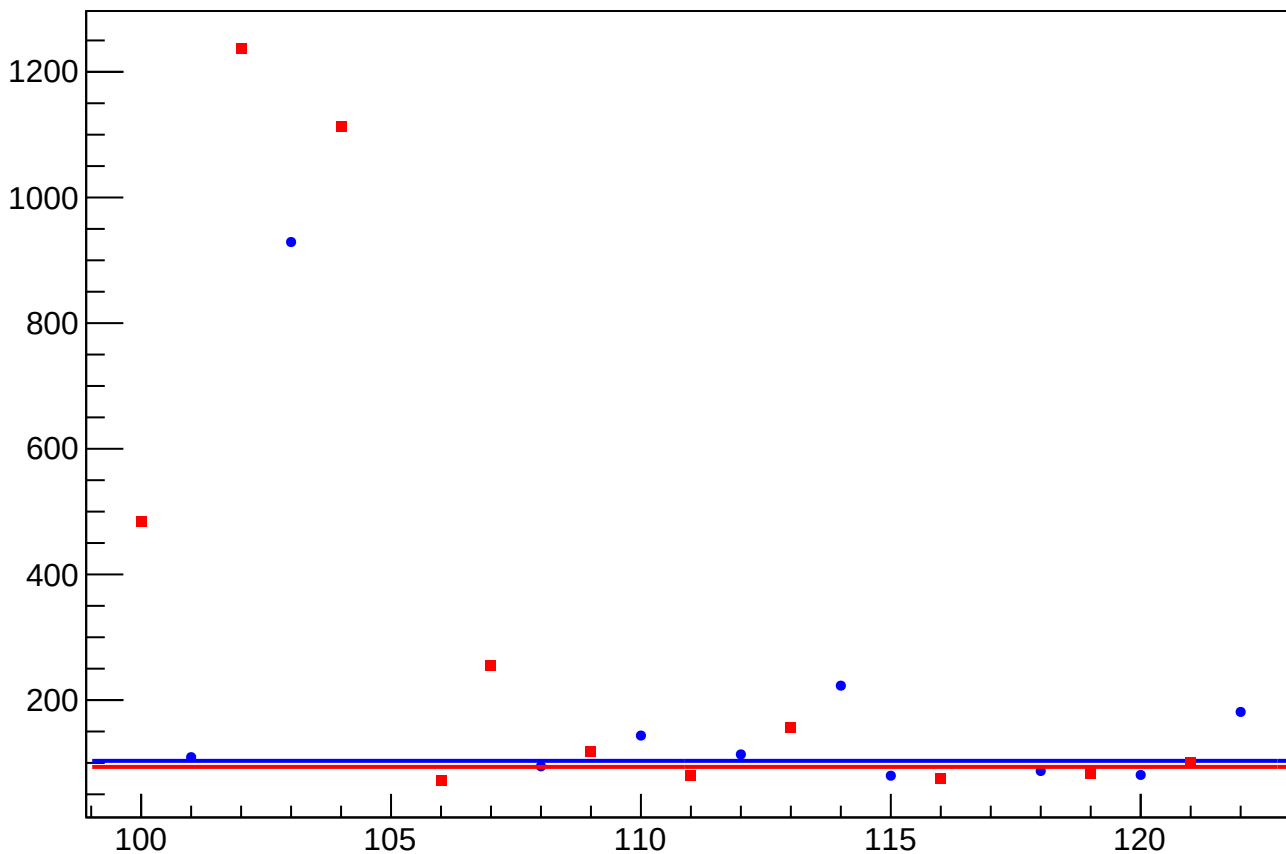
Right: -0.082 ± 0.041 χ^2/NDF : 32.1/20

In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.082 ± 0.041 χ^2/NDF : 32.1/20

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.254+/-0.043 χ^2/NDF : 1291290.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.615+/-0.040 χ^2/NDF : 2119052.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

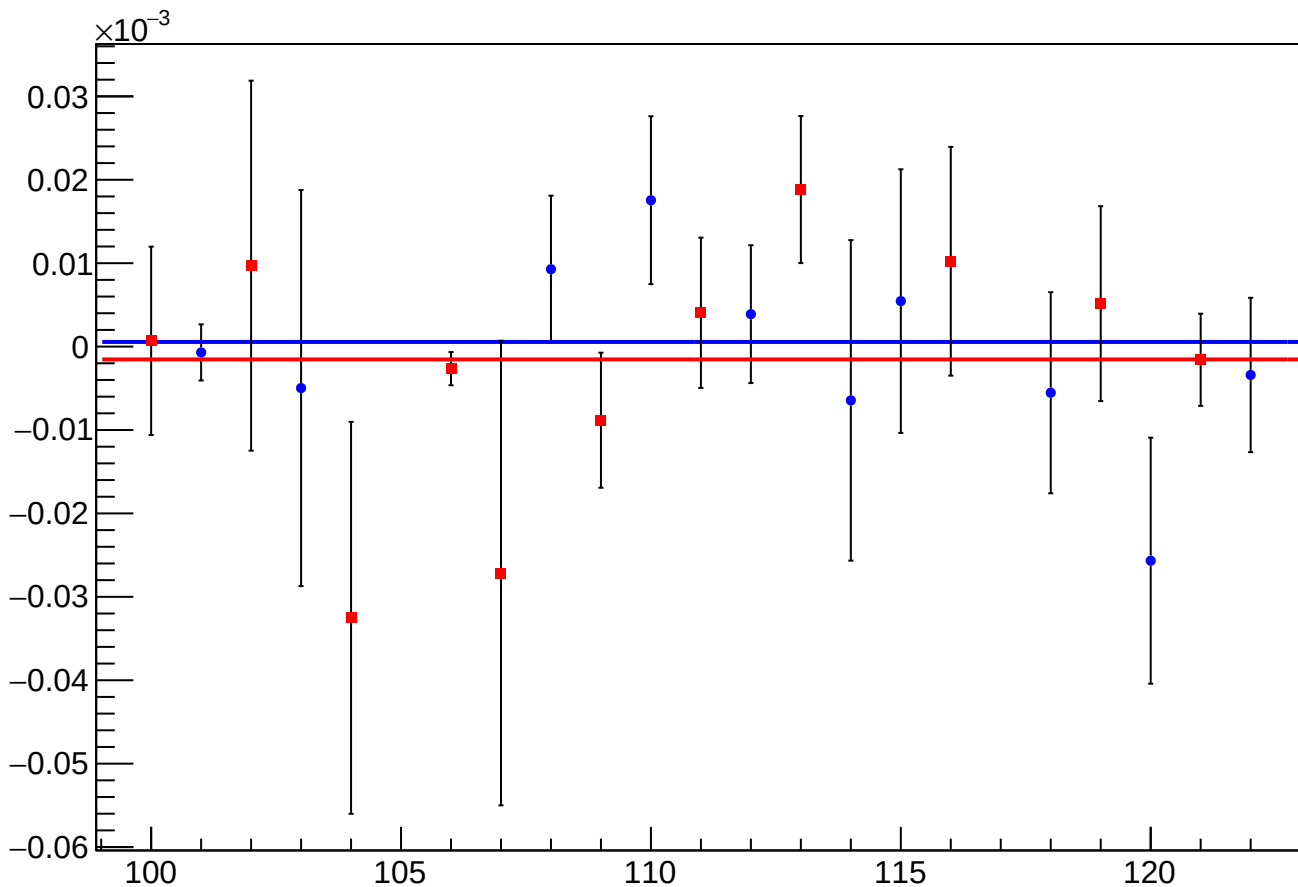
Right: 98.119+/-0.029 χ^2/NDF : 3437592.2/20

In: 103.254+/-0.043 χ^2/NDF : 1291290.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.119+/-0.029 χ^2/NDF : 3437592.2/20

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 : 8.0/9

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

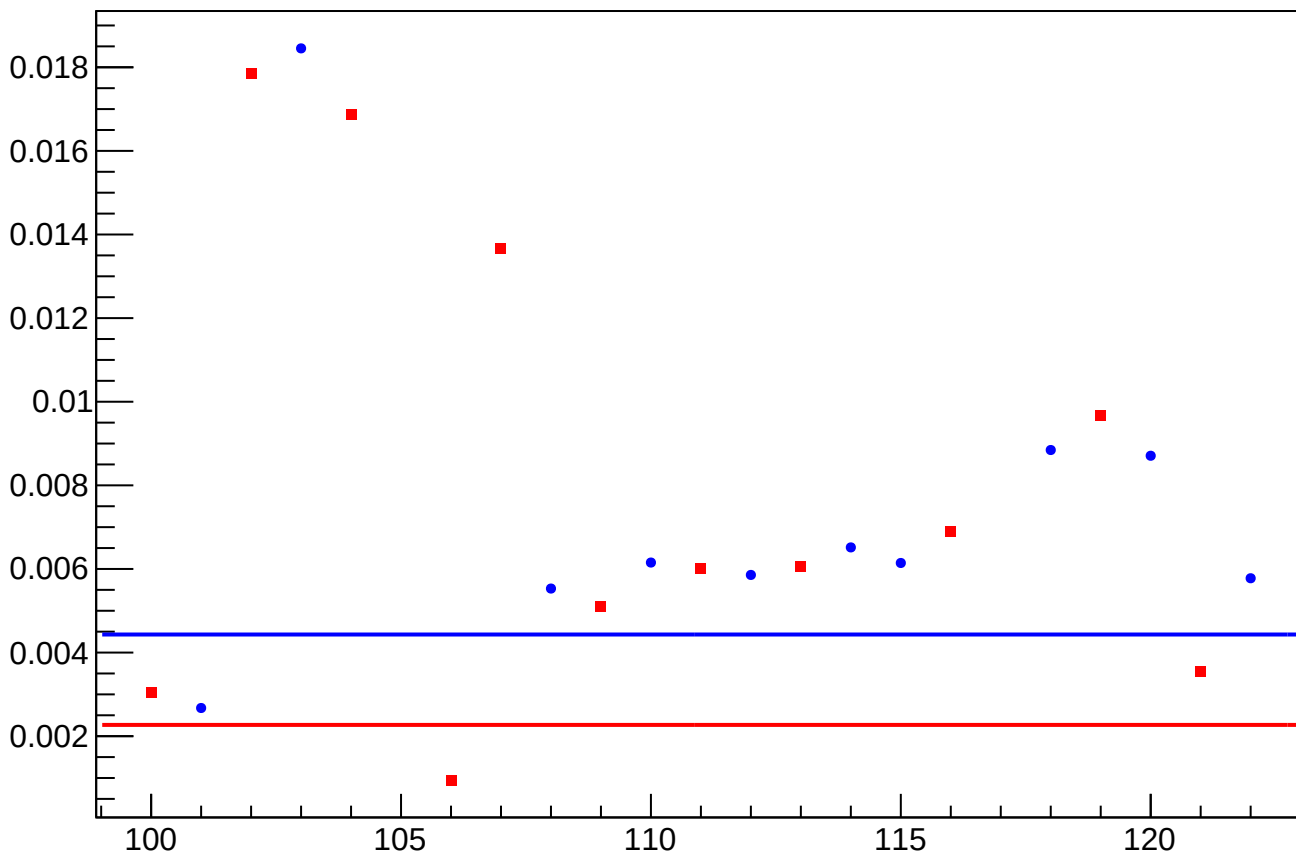
Right: -0.000+/-0.000 χ^2/NDF : 19.3/20

In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/20

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 : 1917368.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5110196.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

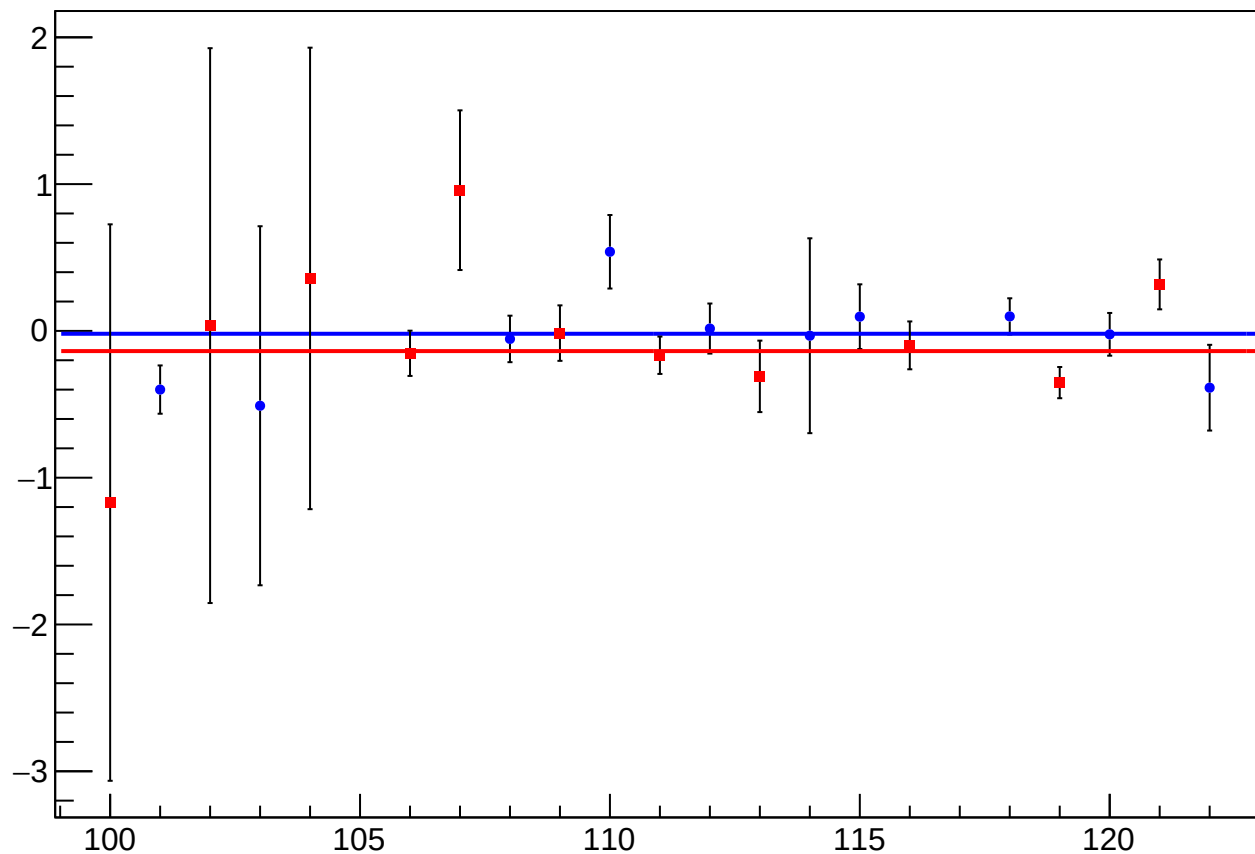
Right: 0.003+/-0.000 χ^2/NDF : 8044281.6/20

In: 0.004+/-0.000 χ^2/NDF :1917368.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8044281.6/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.138 ± 0.056 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

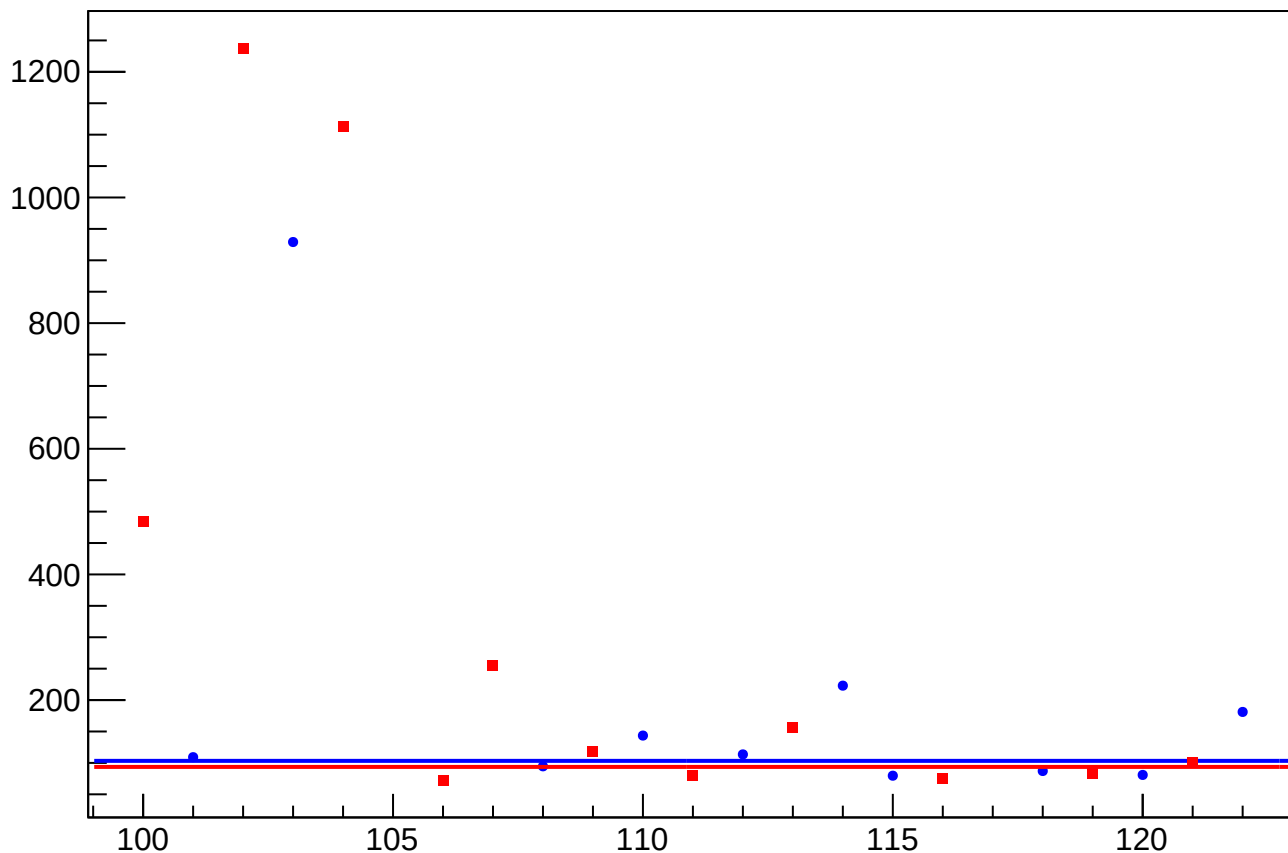
Right: -0.082 ± 0.041 χ^2/NDF : 32.1/20

In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.082 ± 0.041 χ^2/NDF : 32.1/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.252+/-0.043 χ^2/NDF : 1291301.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.614+/-0.040 χ^2/NDF : 2119043.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

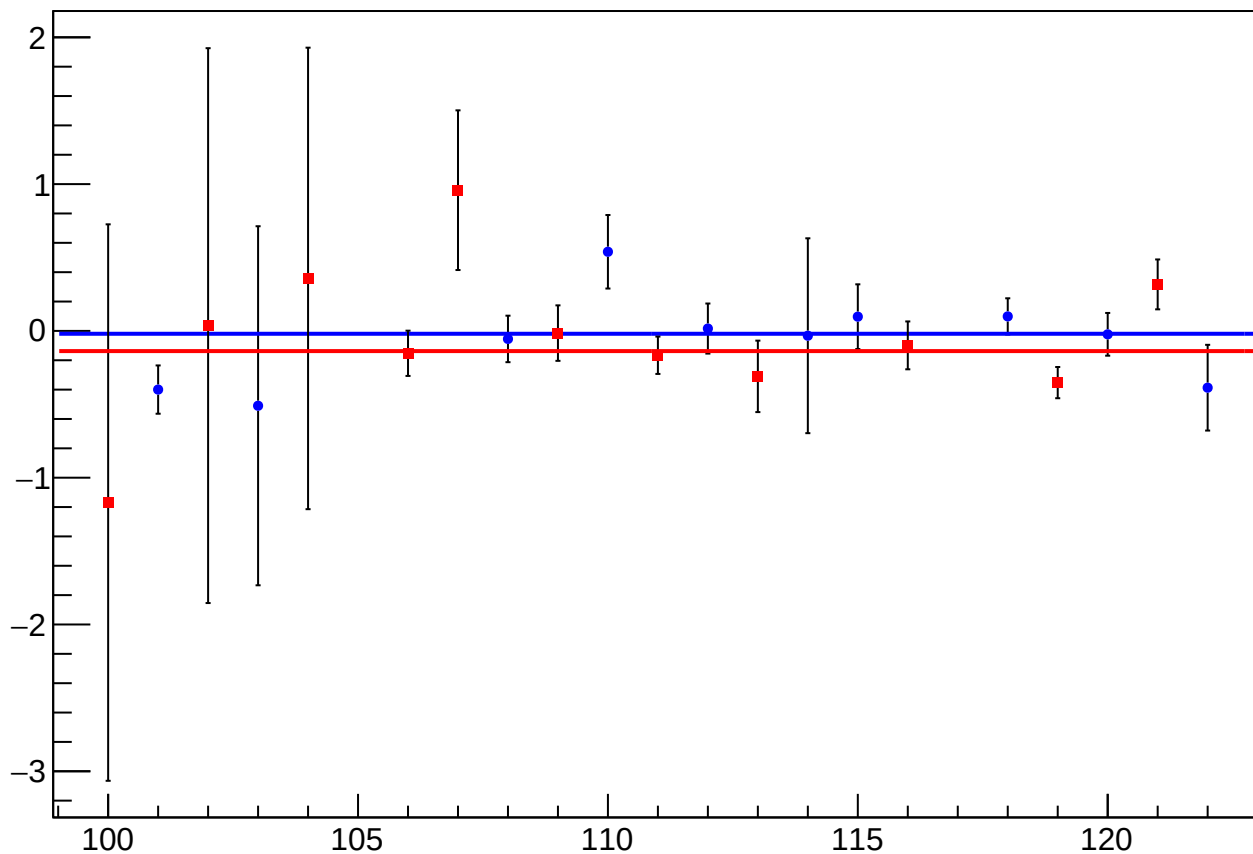
Right: 98.118+/-0.029 χ^2/NDF : 3437596.2/20

In: 103.252+/-0.043 χ^2/NDF : 1291301.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.118+/-0.029 χ^2/NDF : 3437596.2/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.138 ± 0.056 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

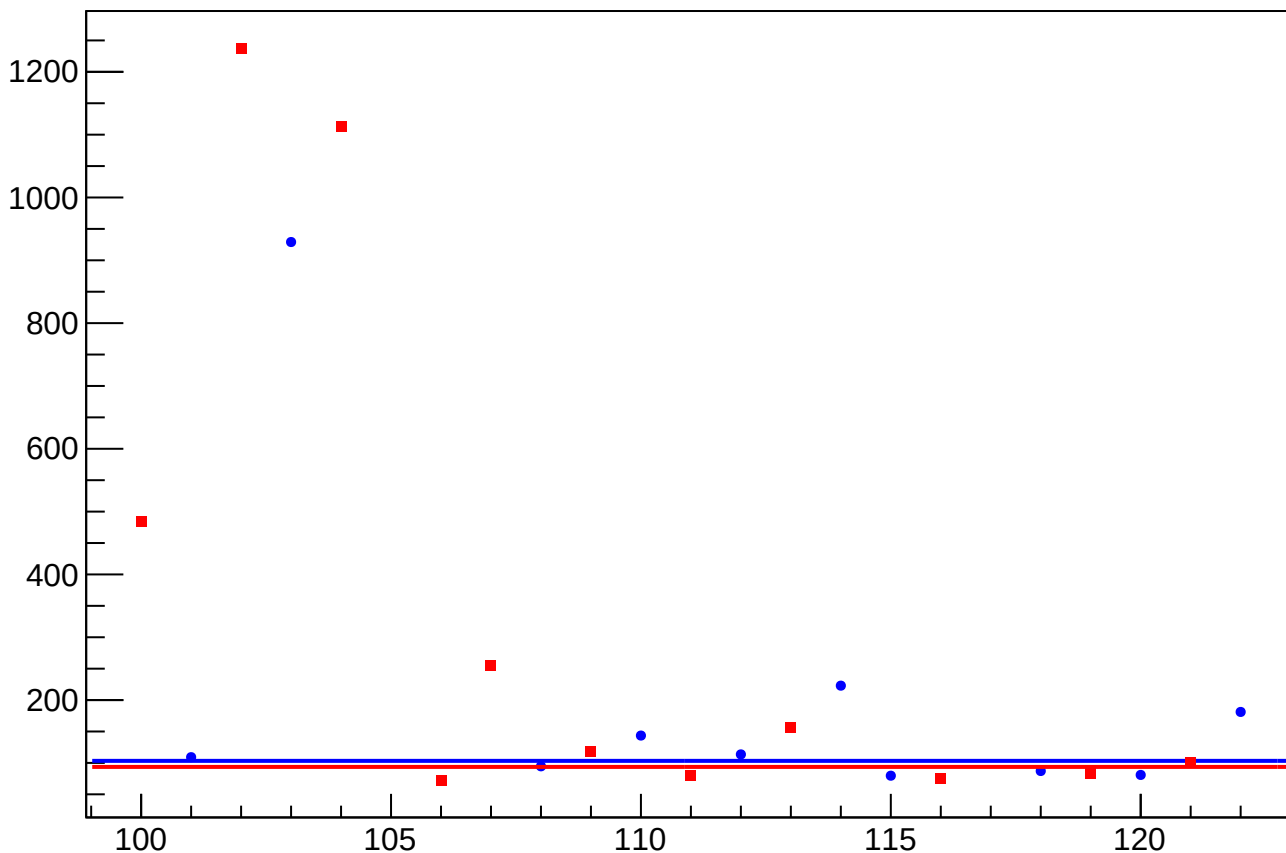
Right: -0.082 ± 0.041 χ^2/NDF : 32.1/20

In: -0.020 ± 0.060 χ^2/NDF : 13.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.082 ± 0.041 χ^2/NDF : 32.1/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.252+/-0.043 χ^2/NDF : 1291301.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.614+/-0.040 χ^2/NDF : 2119043.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

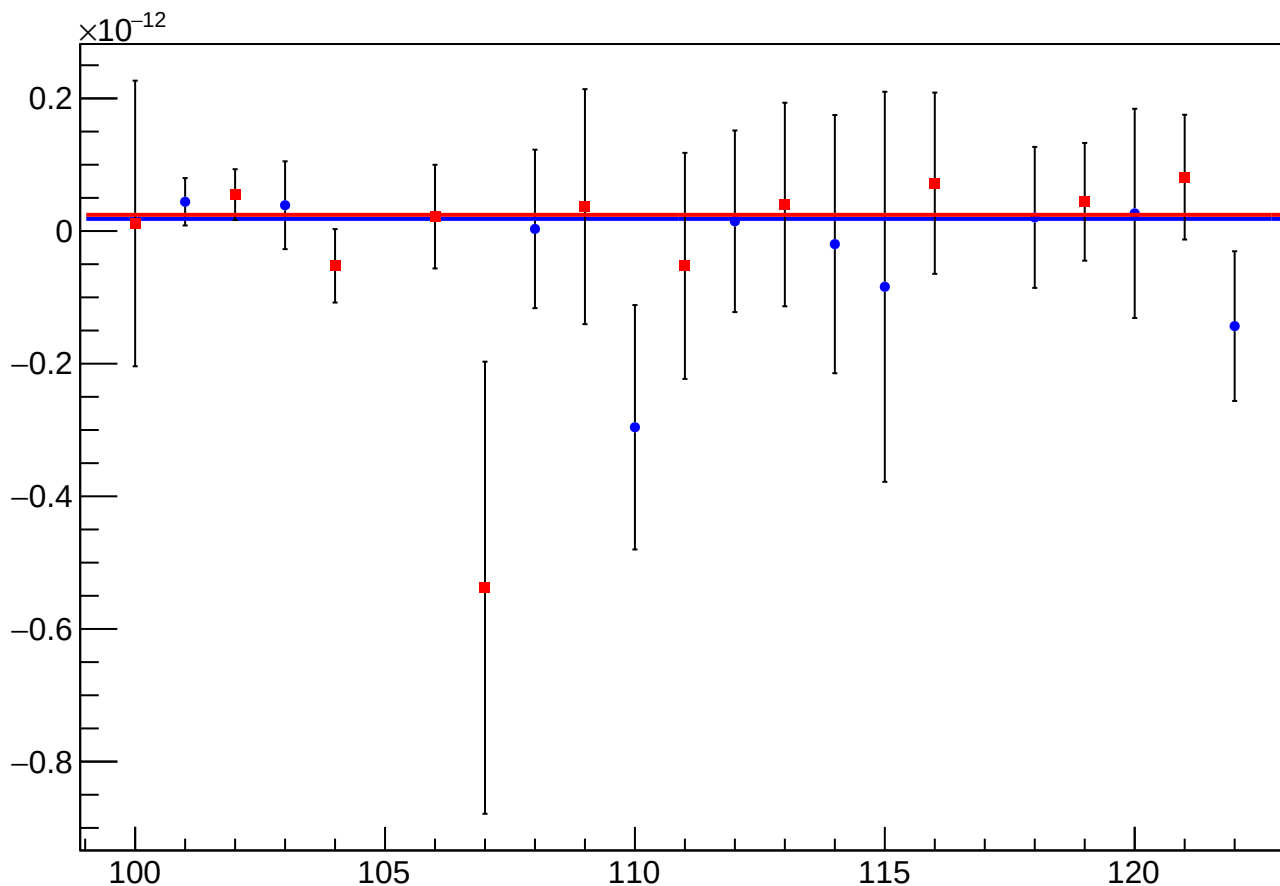
Right: 98.118+/-0.029 χ^2/NDF : 3437596.2/20

In: 103.252+/-0.043 χ^2/NDF : 1291301.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.118+/-0.029 χ^2/NDF : 3437596.2/20

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 : 5.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

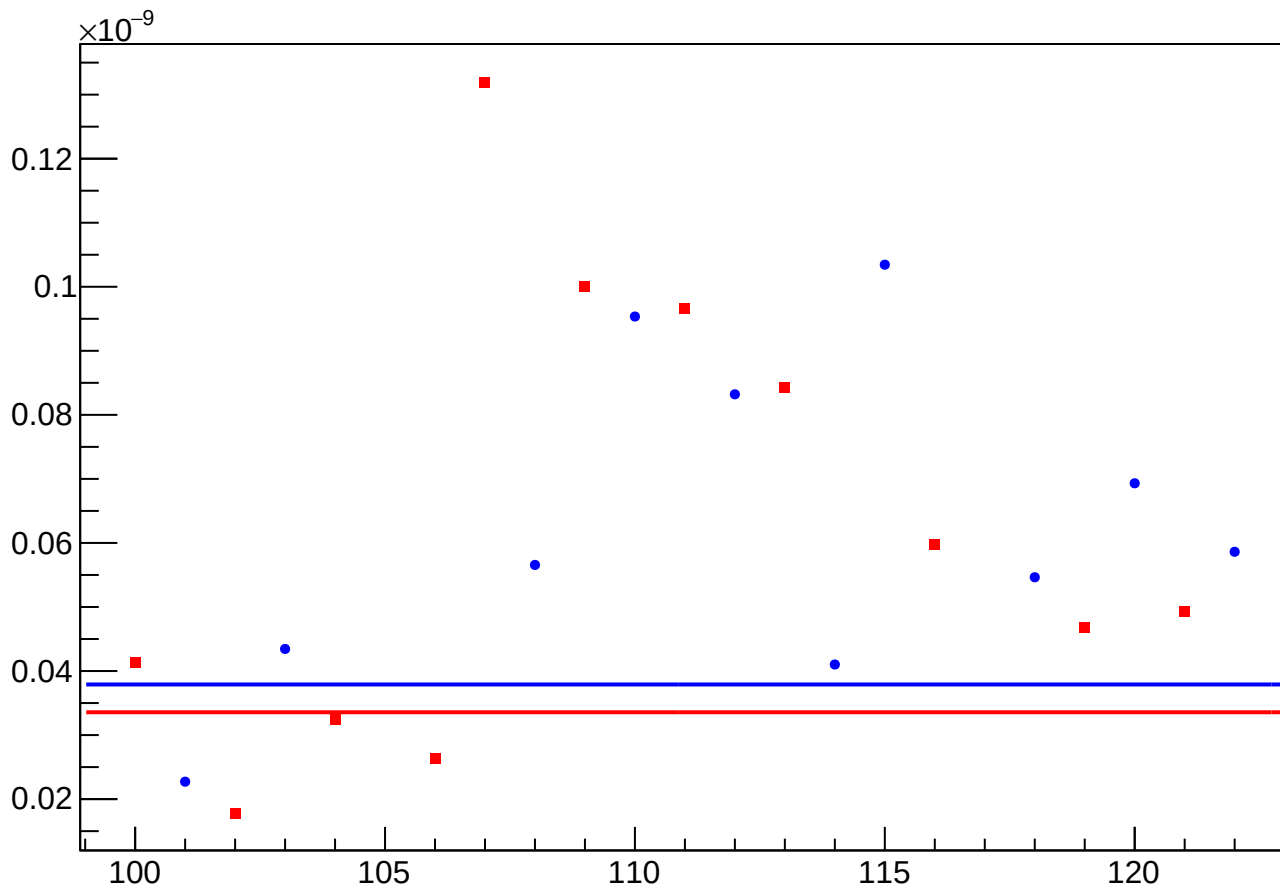
Right: 0.000+/-0.000 χ^2/NDF : 11.8/20

In: 0.000+/-0.000 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.8/20

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 : 1133607.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1475751.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

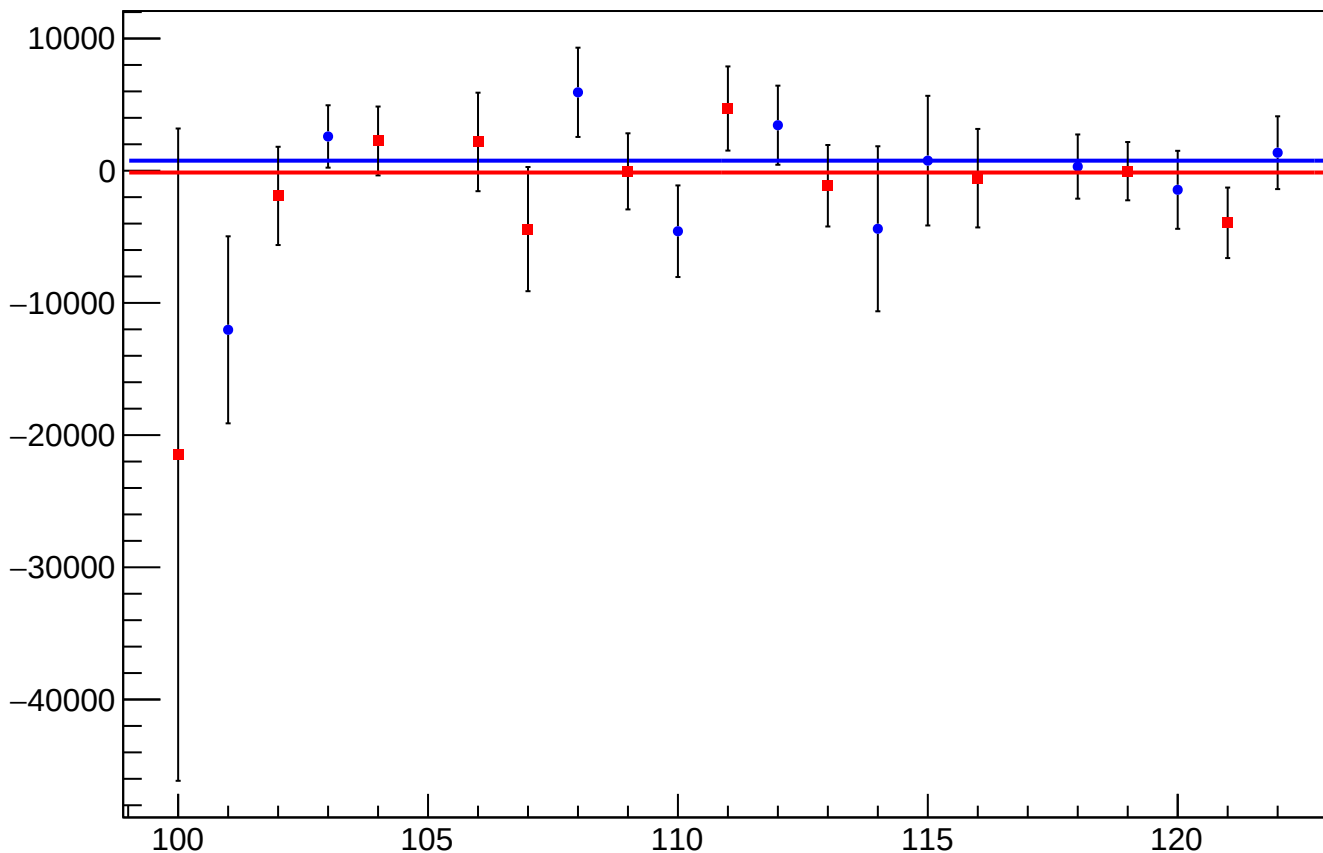
Right: 0.000+/-0.000 χ^2/NDF : 2637667.1/20

In: 0.000+/-0.000 χ^2/NDF : 1133607.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2637667.1/20

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 760.236+/-1017.537 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.459+/-961.368 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

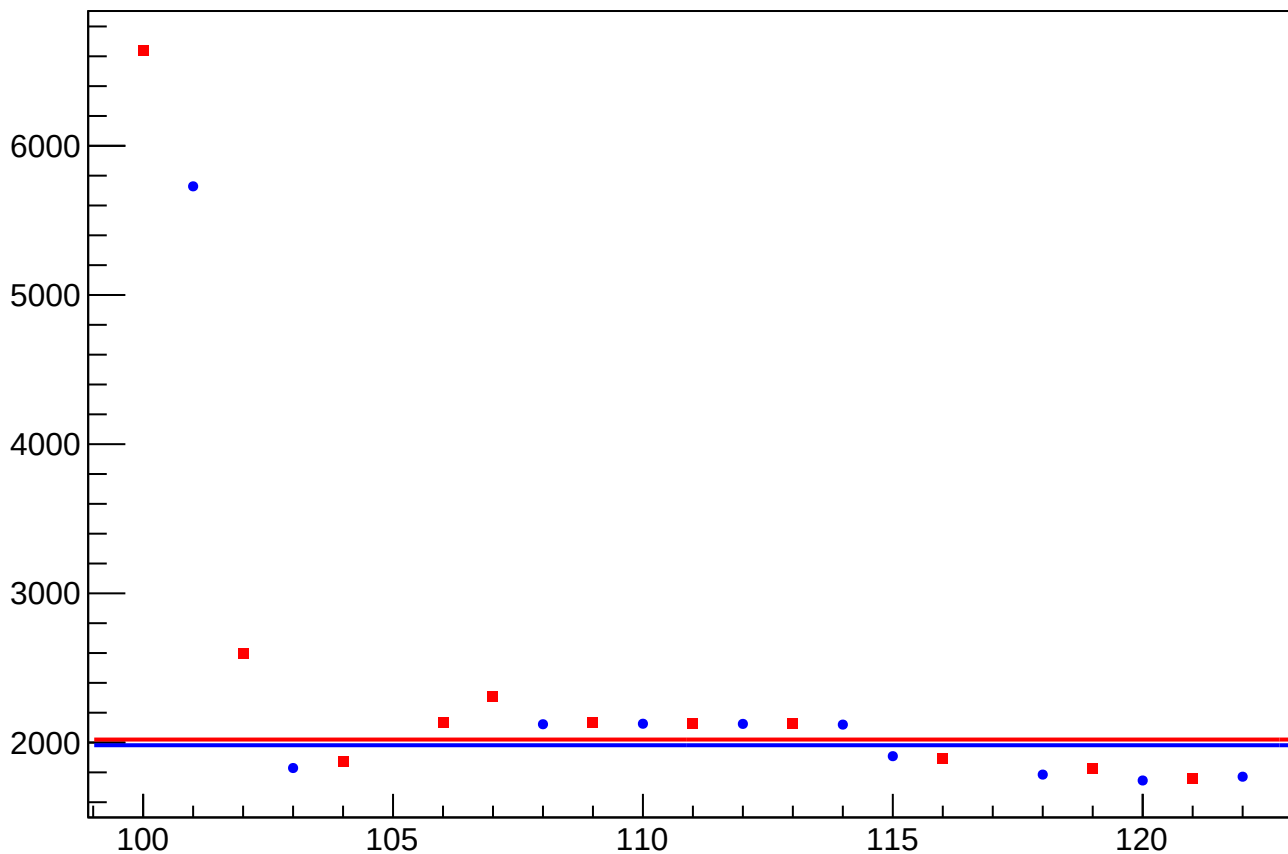
Right: 286.458+/-698.804 χ^2/NDF : 18.6/20

In: 760.236+/-1017.537 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.458+/-698.804 χ^2/NDF : 18.6/20

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1981.864+/-0.720 χ^2/NDF : 619963.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2020.096+/-0.680 χ^2/NDF : 178256.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

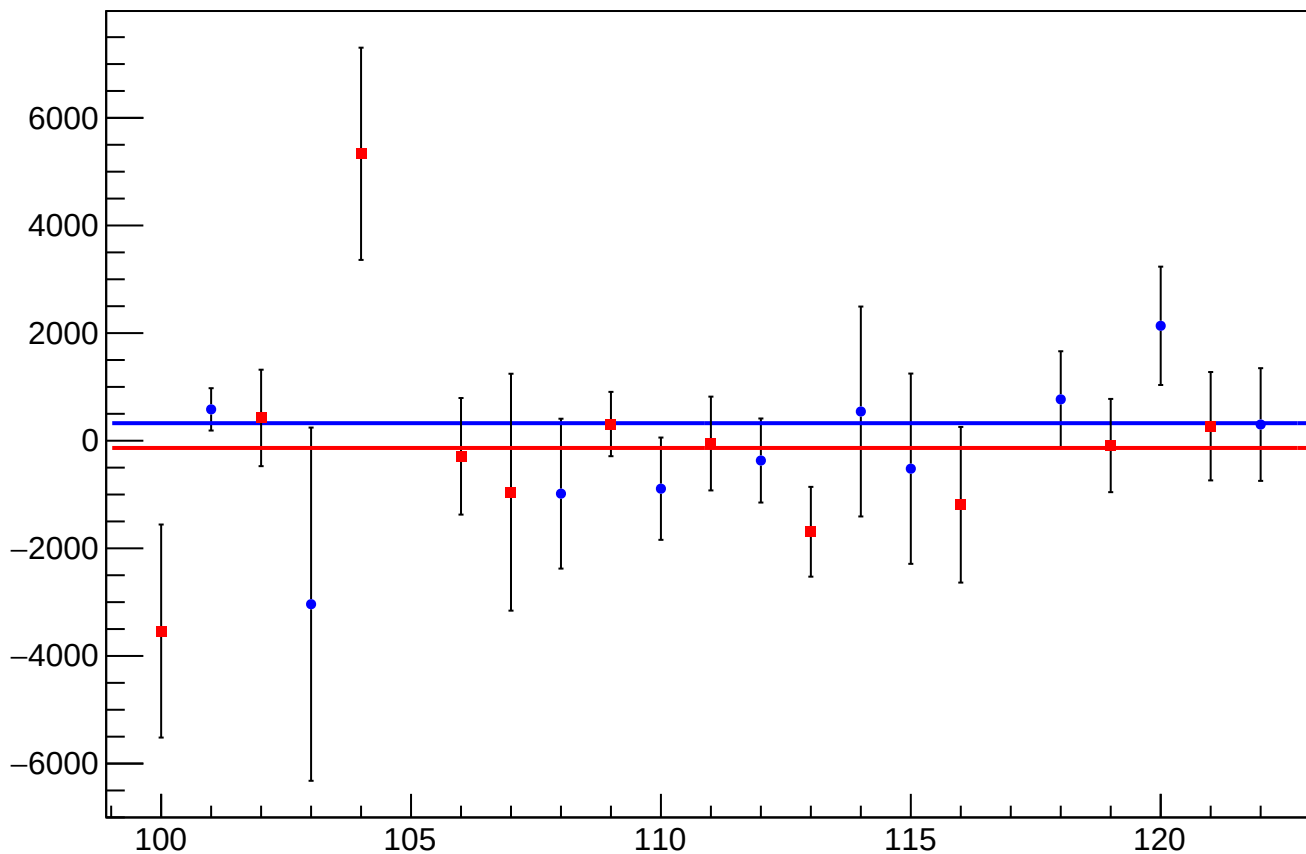
Right: 2002.065+/-0.494 χ^2/NDF : 799711.8/20

In: 1981.864+/-0.720 χ^2/NDF : 619963.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.065+/-0.494 χ^2/NDF : 799711.8/20

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 325.976+/-273.318 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.595+/-299.297 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

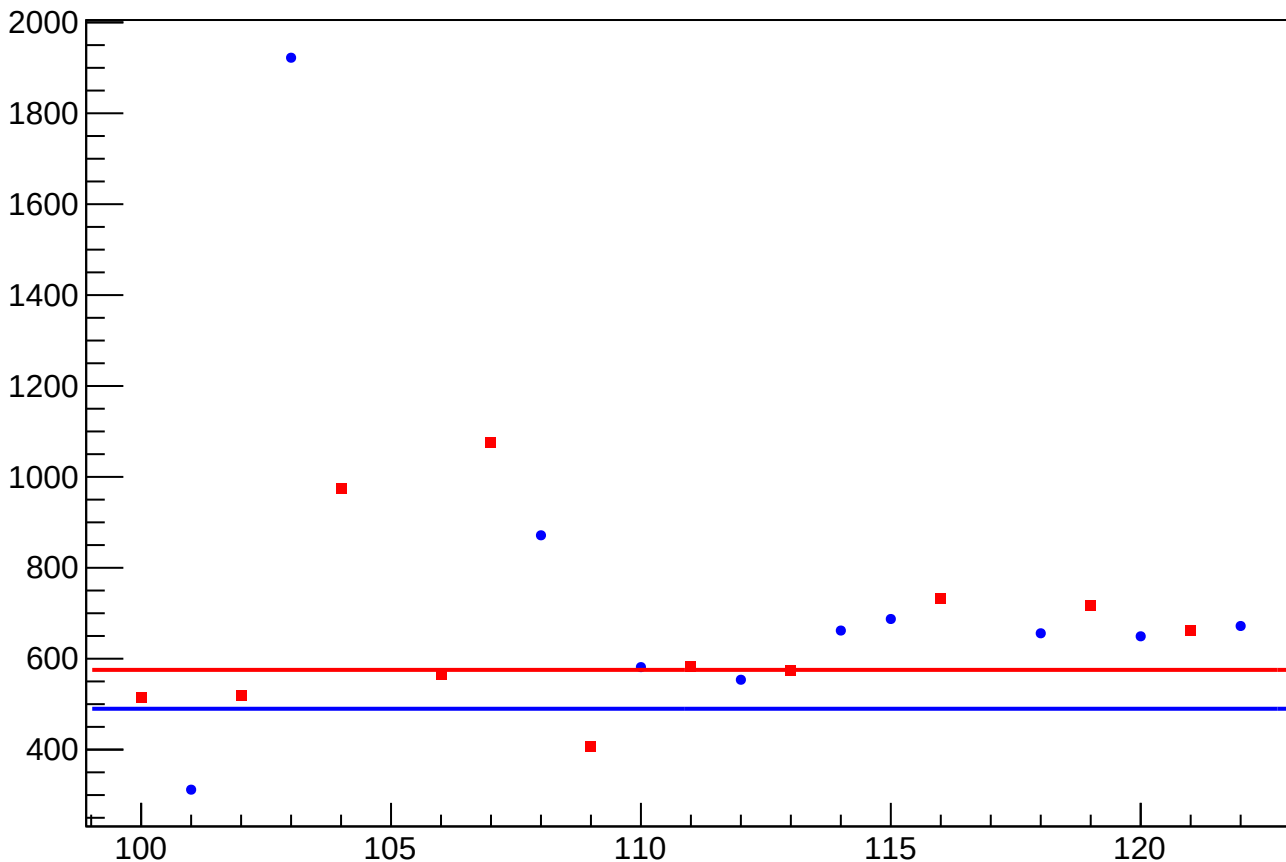
Right: 116.544+/-201.826 χ^2/NDF : 25.2/20

In: 325.976+/-273.318 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.544+/-201.826 χ^2/NDF : 25.2/20

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 489.870+/-0.193 χ^2/NDF : 1184467.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 575.395+/-0.212 χ^2/NDF : 444850.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

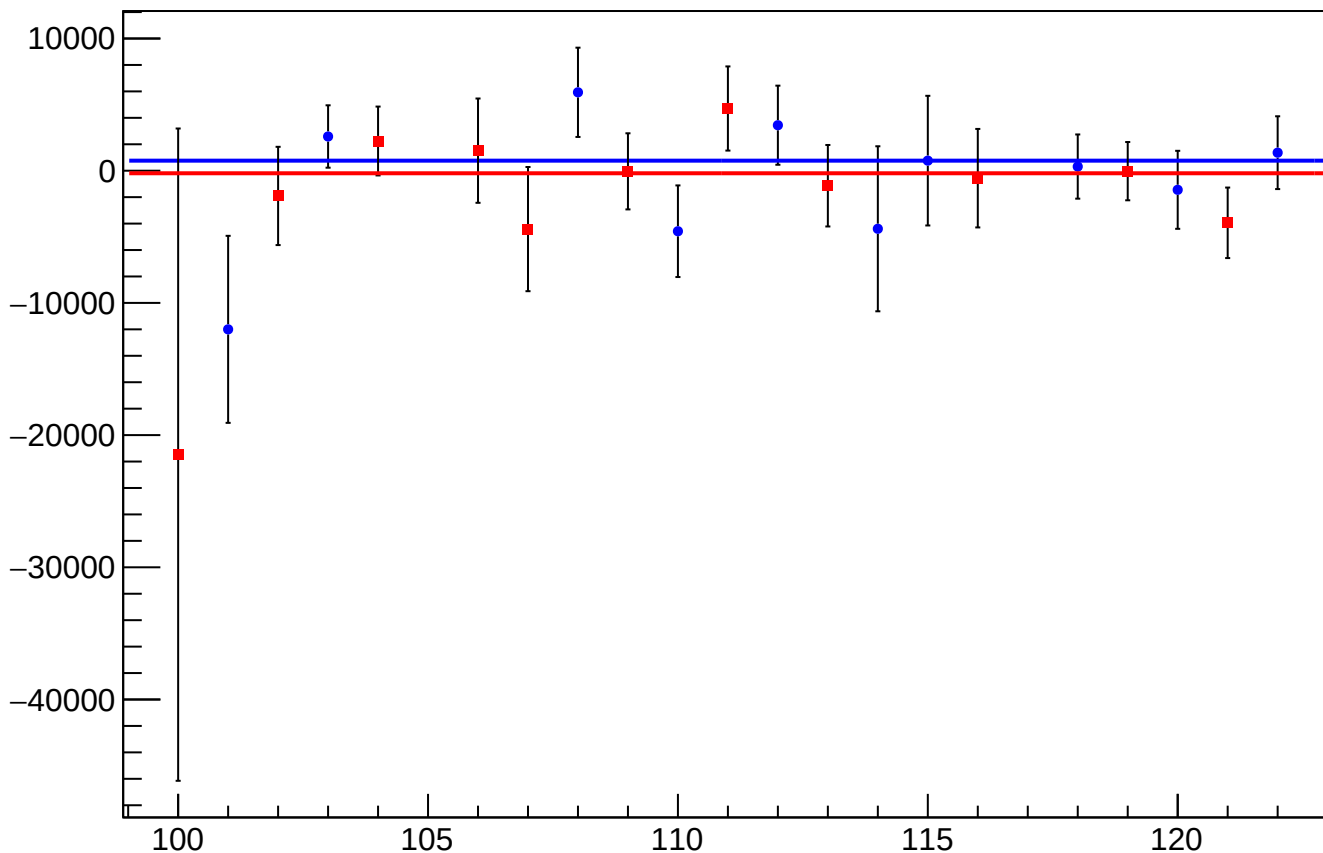
Right: 528.760+/-0.143 χ^2/NDF : 1718367.3/20

In: 489.870+/-0.193 χ^2/NDF : 1184467.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.760+/-0.143 χ^2/NDF : 1718367.3/20

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 760.514+/-1017.537 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -193.091+/-964.846 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

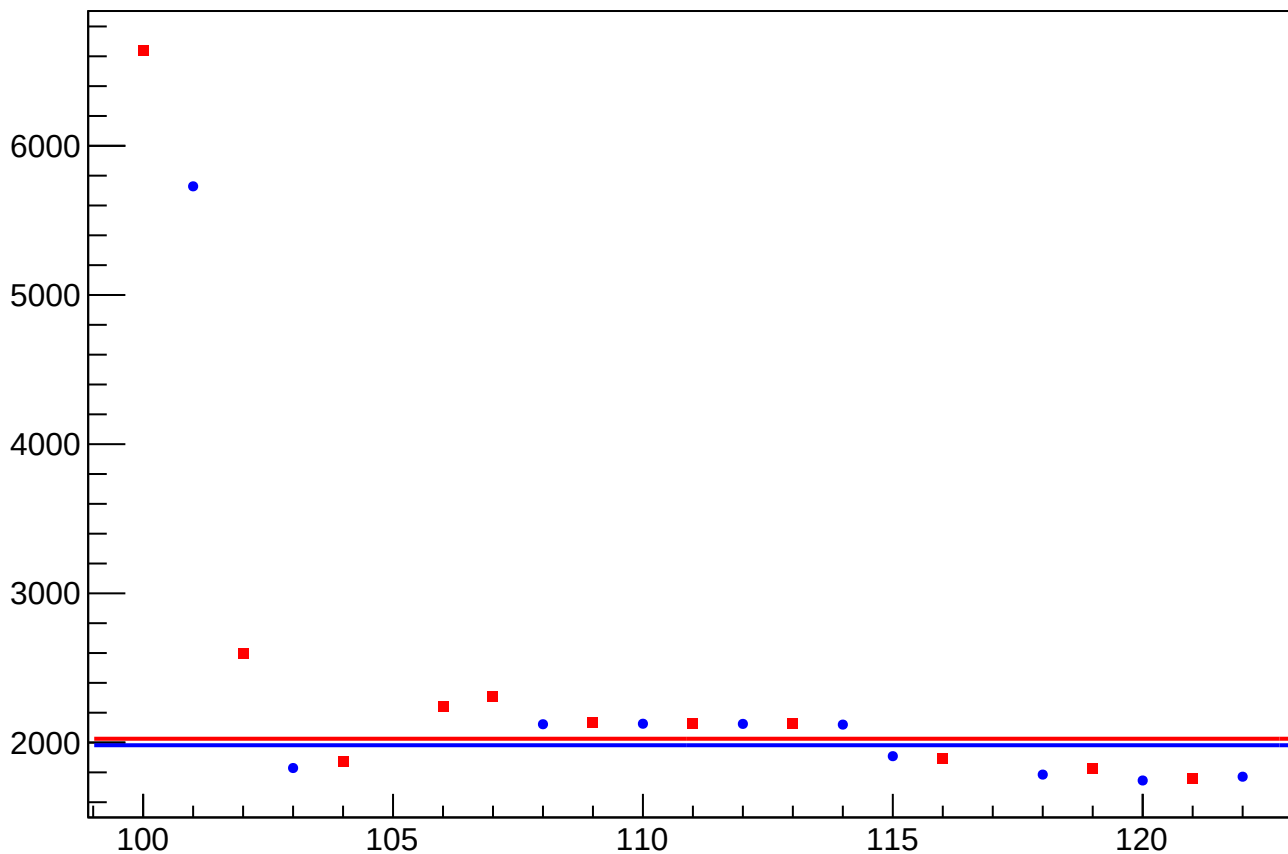
Right: 258.383+/-700.136 χ^2/NDF : 18.4/20

In: 760.514+/-1017.537 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.383+/-700.136 χ^2/NDF : 18.4/20

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1981.864+/-0.720 χ^2/NDF : 619963.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2025.486+/-0.682 χ^2/NDF : 182493.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

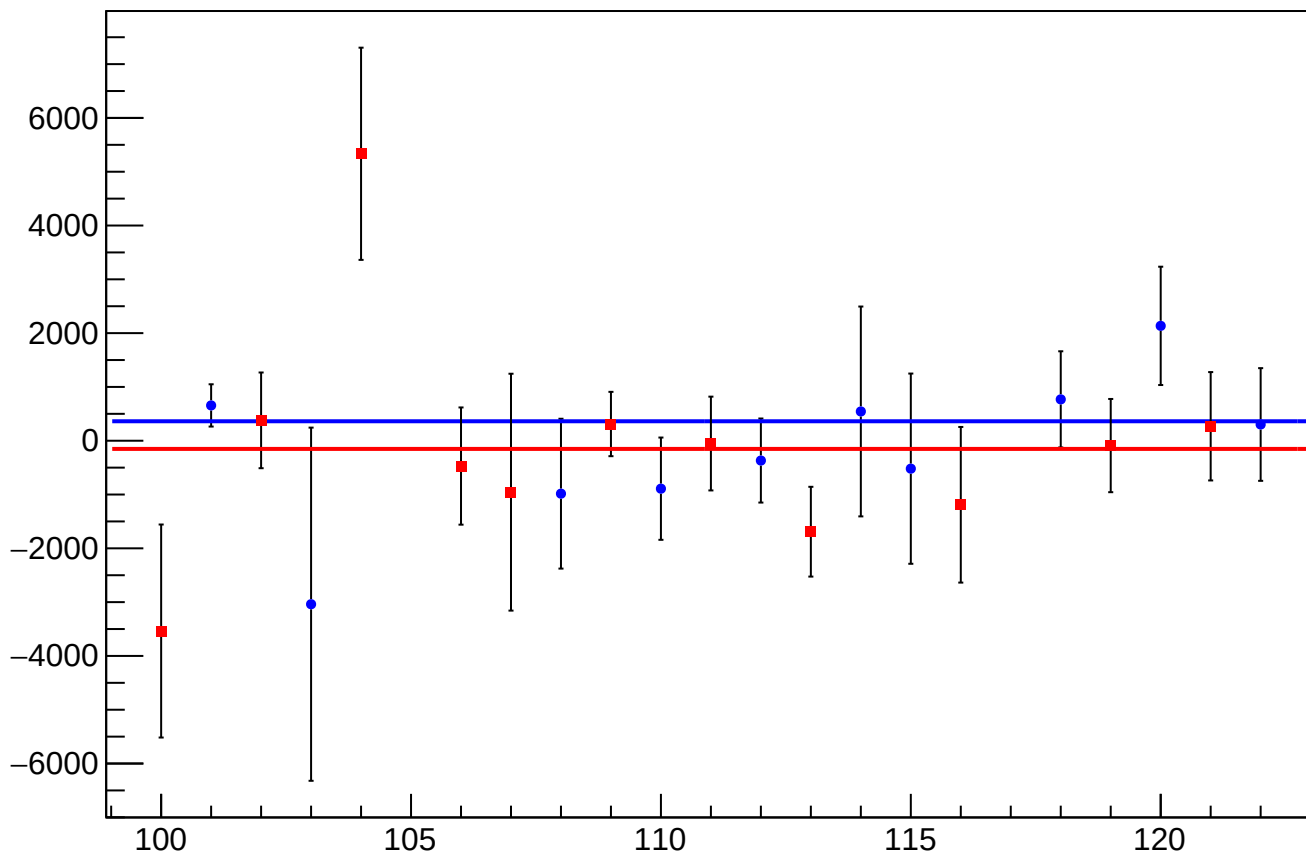
Right: 2004.834+/-0.495 χ^2/NDF : 804393.2/20

In: 1981.864+/-0.720 χ^2/NDF : 619963.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.834+/-0.495 χ^2/NDF : 804393.2/20

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 361.826+/-273.169 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.082+/-299.176 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

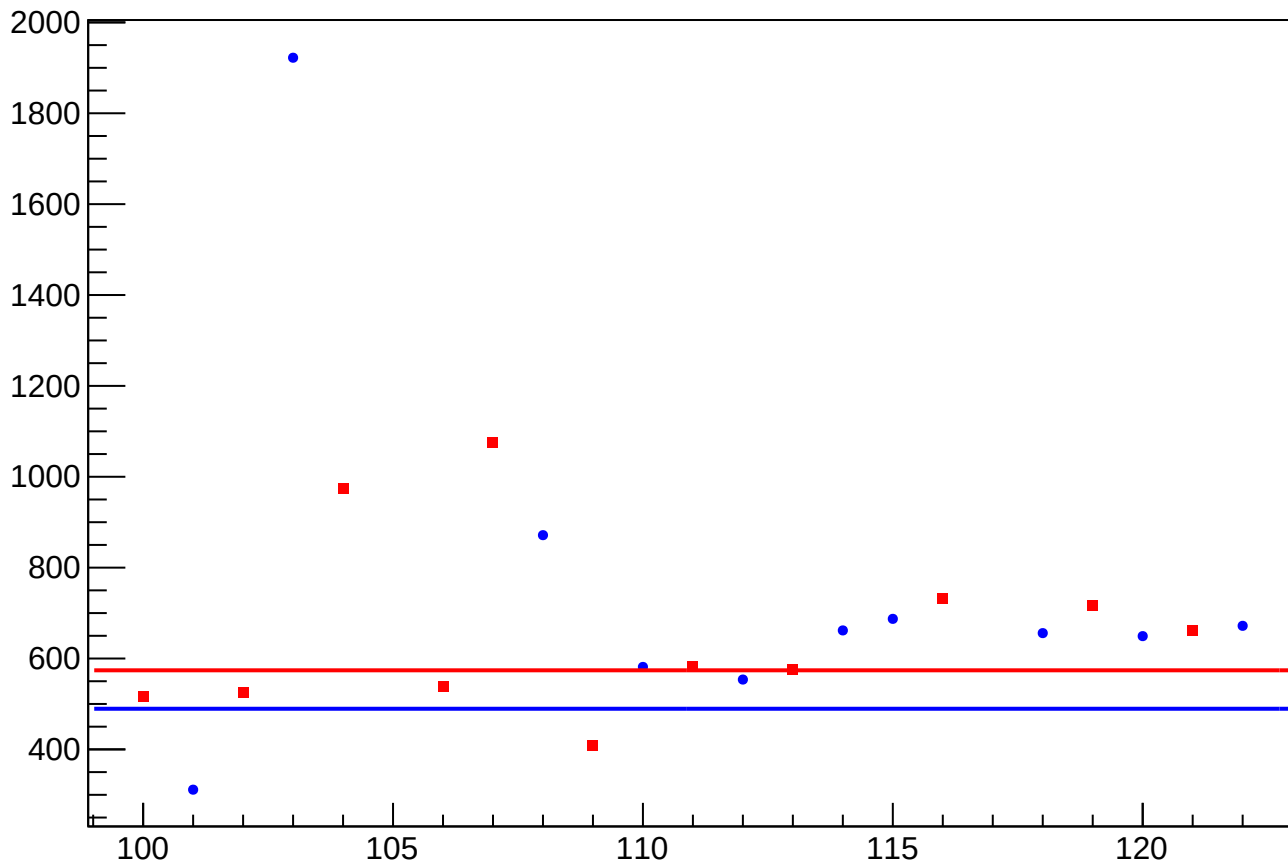
Right: 128.175+/-201.729 χ^2/NDF : 25.8/20

In: 361.826+/-273.169 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.175+/-201.729 χ^2/NDF : 25.8/20

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 489.434+/-0.193 χ^2/NDF : 1187581.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.046+/-0.212 χ^2/NDF : 445173.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

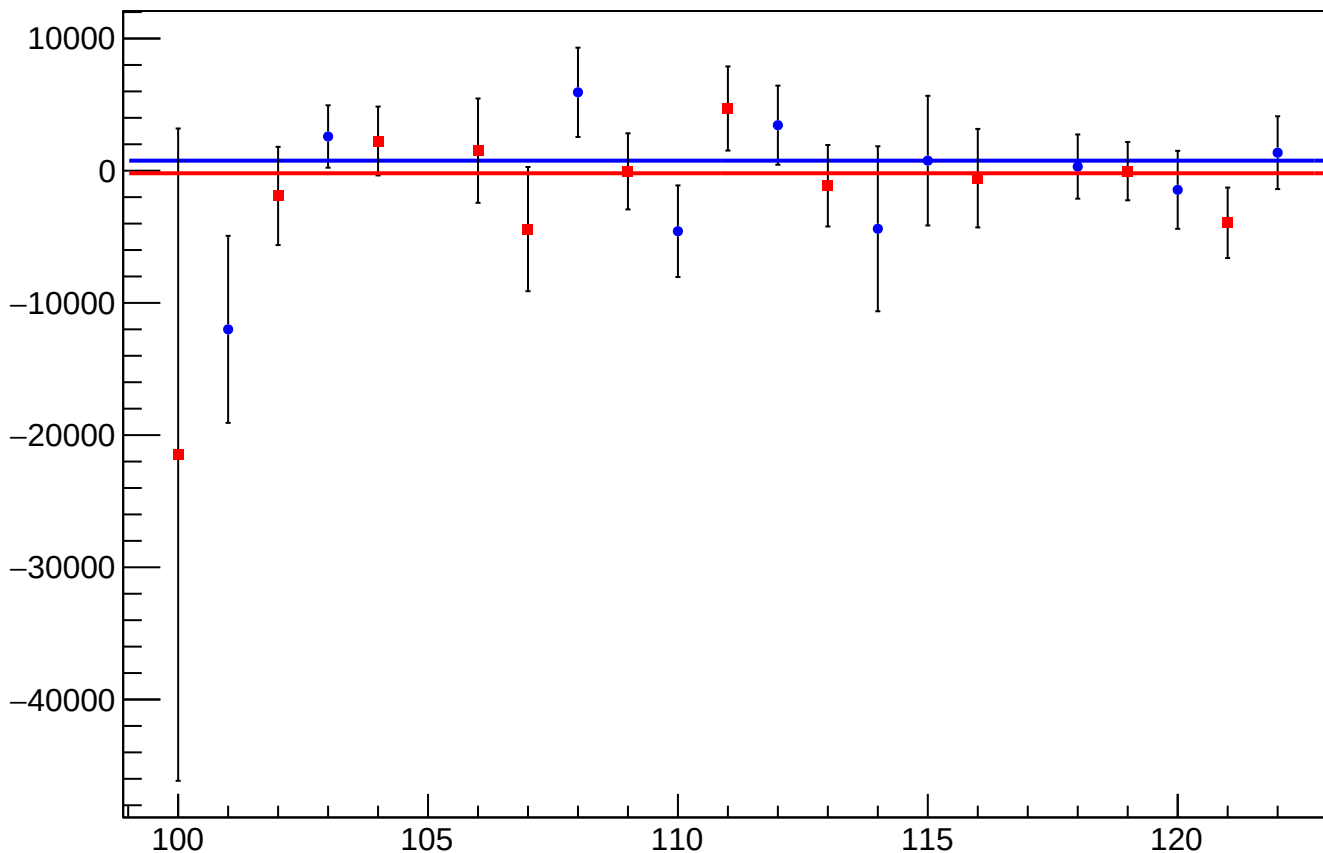
Right: 527.903+/-0.143 χ^2/NDF : 1719994.8/20

In: 489.434+/-0.193 χ^2/NDF : 1187581.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.903+/-0.143 χ^2/NDF : 1719994.8/20

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 760.514+/-1017.537 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -193.091+/-964.846 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

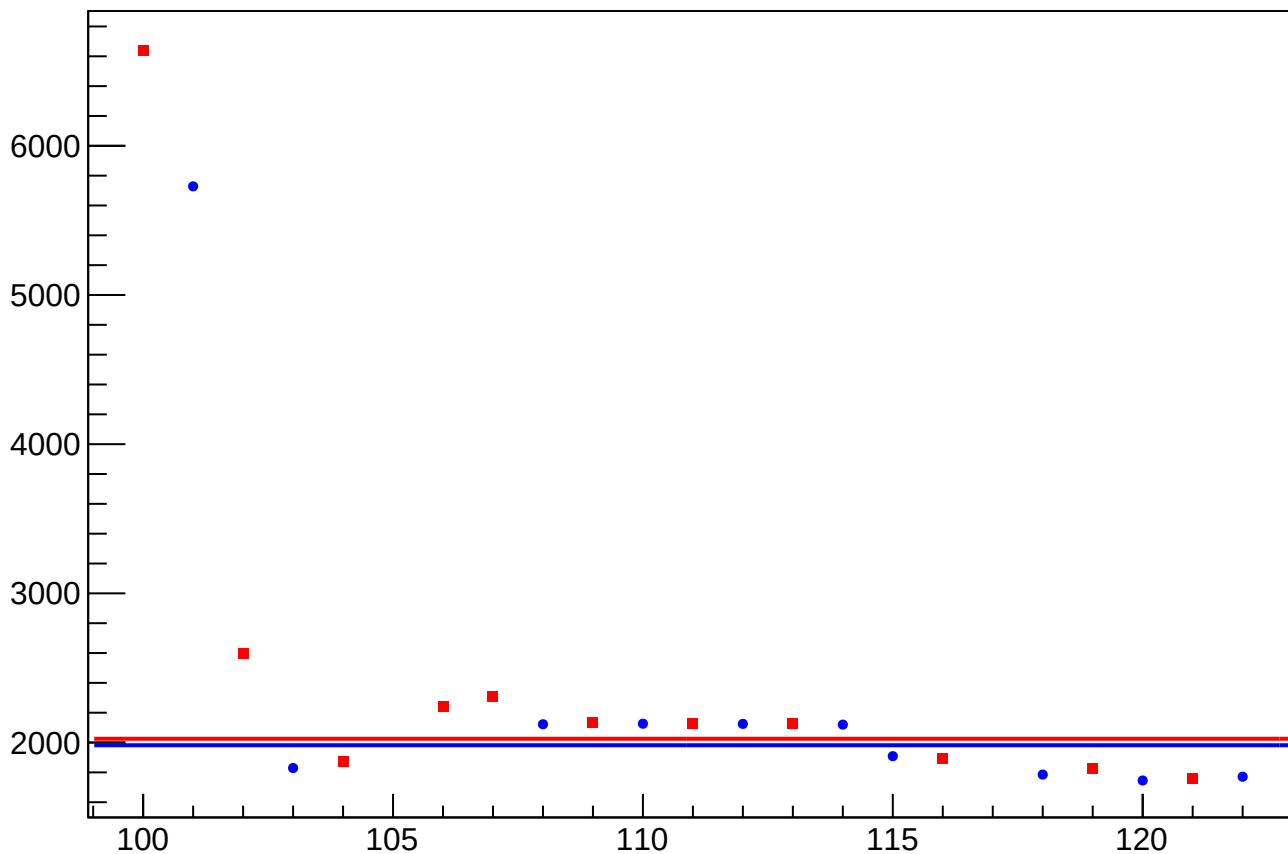
Right: 258.383+/-700.136 χ^2/NDF : 18.4/20

In: 760.514+/-1017.537 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.383+/-700.136 χ^2/NDF : 18.4/20

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1981.864+/-0.720 χ^2/NDF : 619963.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2025.486+/-0.682 χ^2/NDF : 182493.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

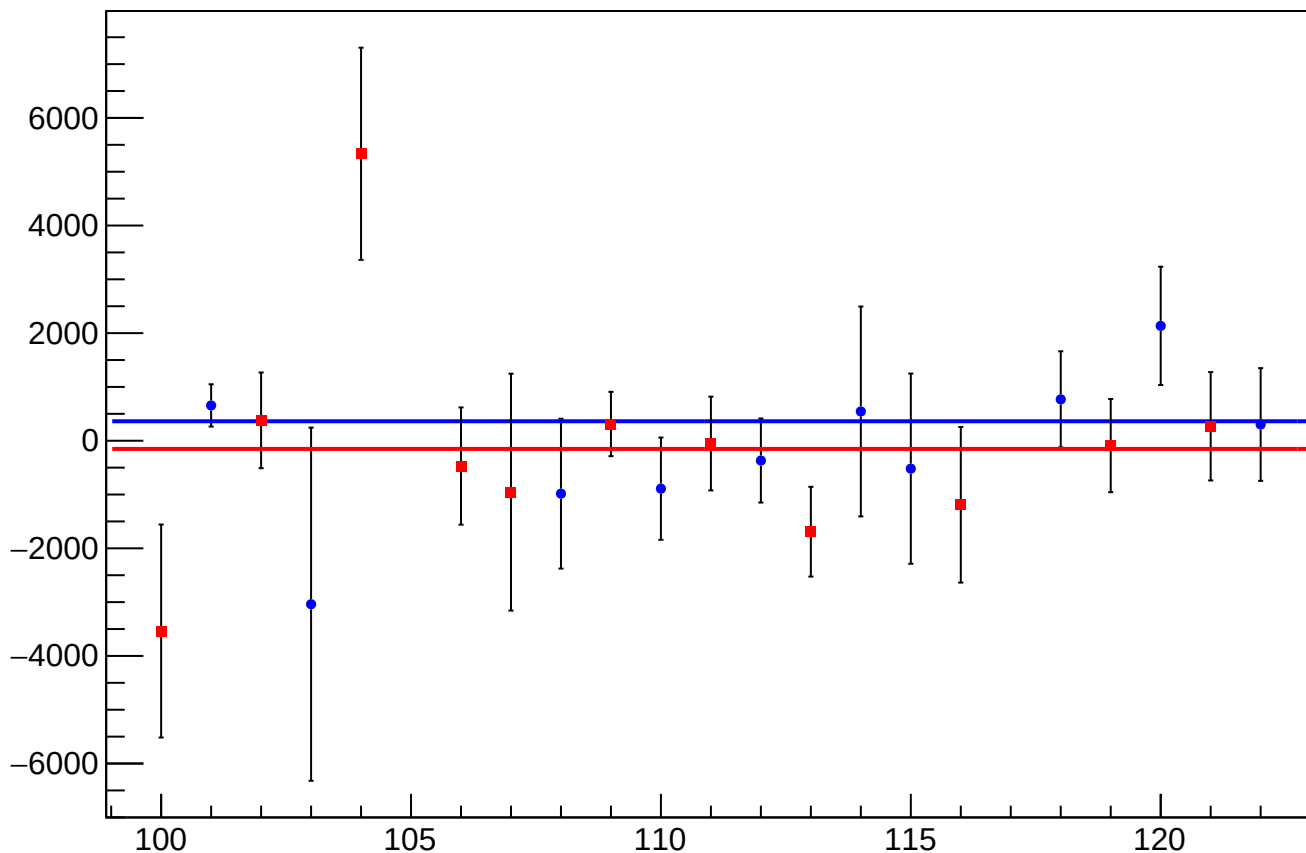
Right: 2004.834+/-0.495 χ^2/NDF : 804393.2/20

In: 1981.864+/-0.720 χ^2/NDF : 619963.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.834+/-0.495 χ^2/NDF : 804393.2/20

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 361.826+/-273.169 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.082+/-299.176 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

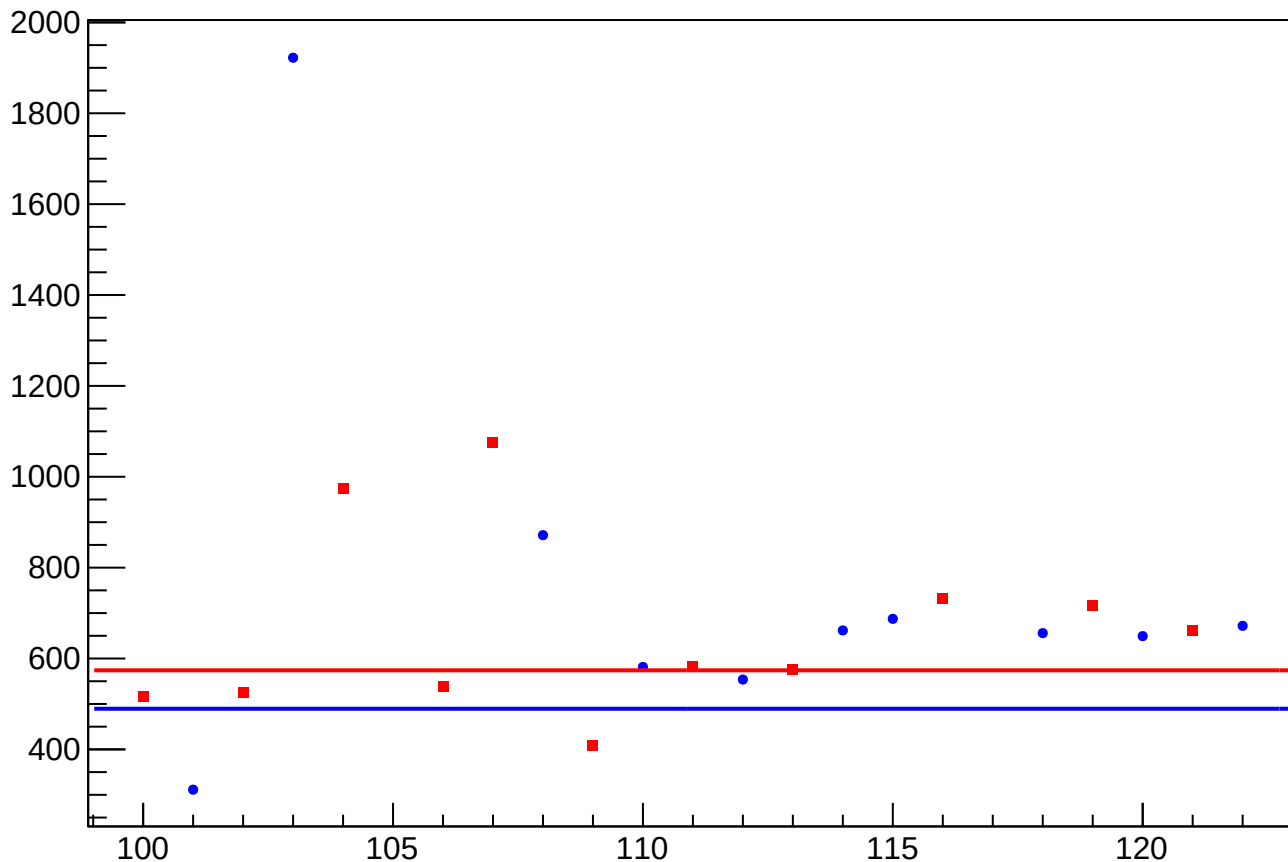
Right: 128.175+/-201.729 χ^2/NDF : 25.8/20

In: 361.826+/-273.169 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.175+/-201.729 χ^2/NDF : 25.8/20

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 489.434+/-0.193 χ^2/NDF : 1187581.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.046+/-0.212 χ^2/NDF : 445173.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

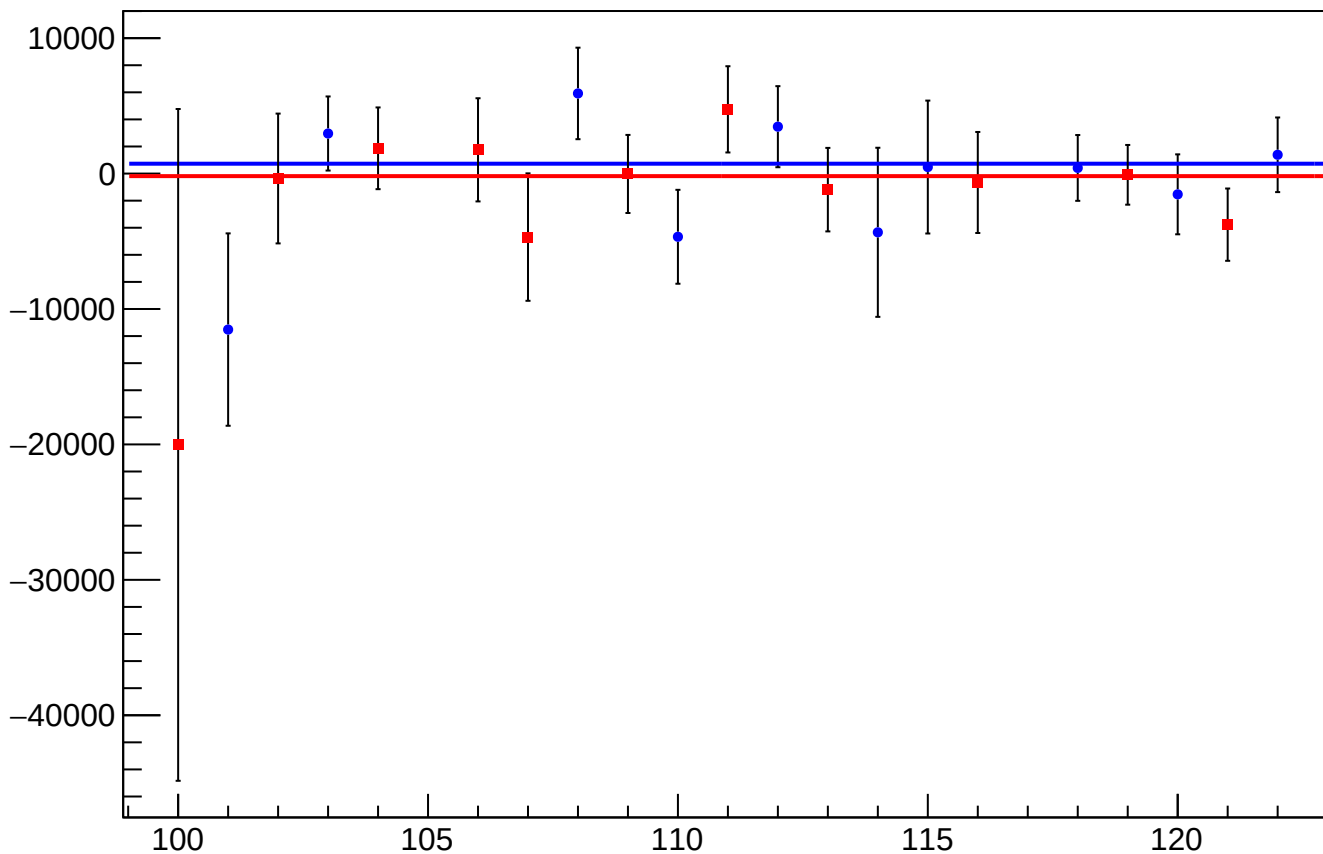
Right: 527.903+/-0.143 χ^2/NDF : 1719994.8/20

In: 489.434+/-0.193 χ^2/NDF : 1187581.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.903+/-0.143 χ^2/NDF : 1719994.8/20

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 728.819+/-1043.188 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.390+/-994.501 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

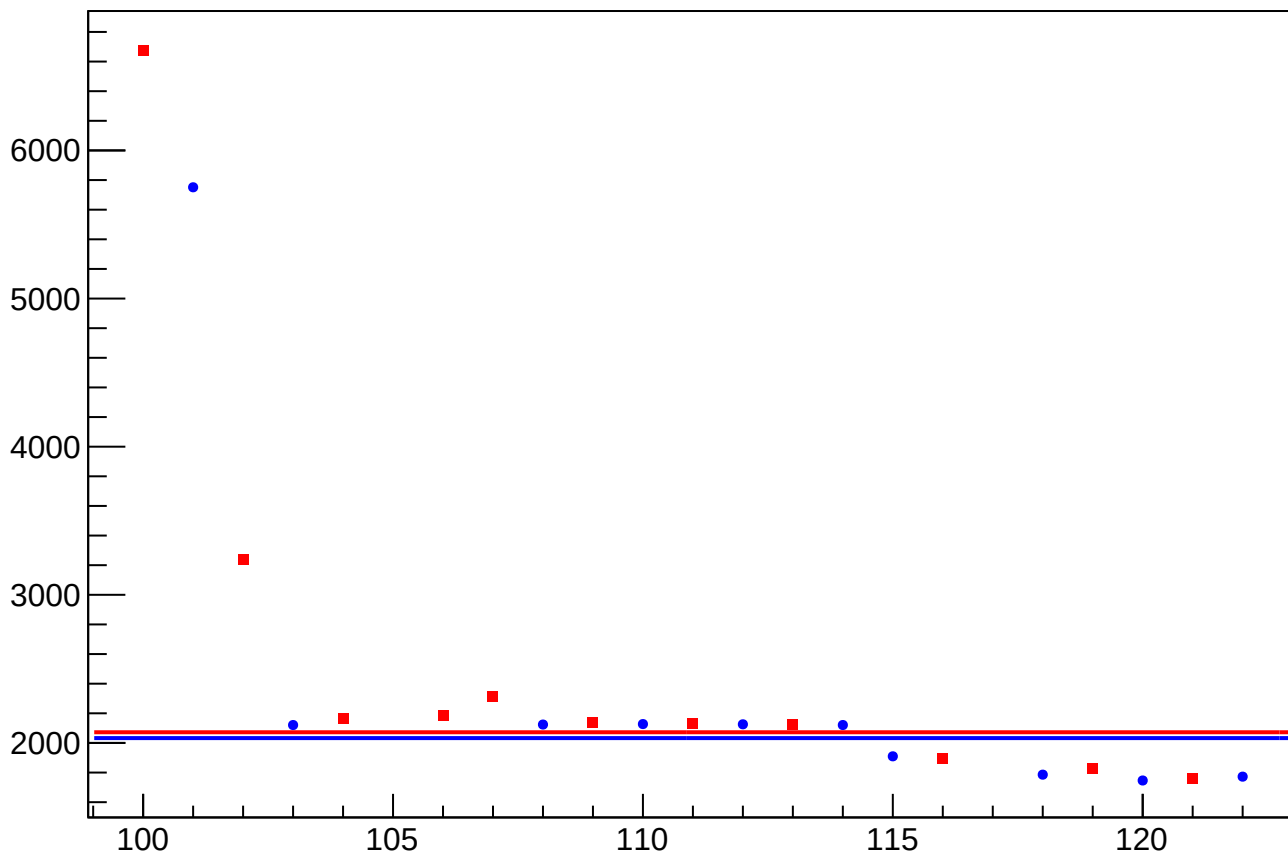
Right: 248.311+/-719.815 χ^2/NDF : 17.6/20

In: 728.819+/-1043.188 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.311+/-719.815 χ^2/NDF : 17.6/20

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2032.631+/-0.738 χ^2/NDF : 614029.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2072.053+/-0.703 χ^2/NDF : 253781.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

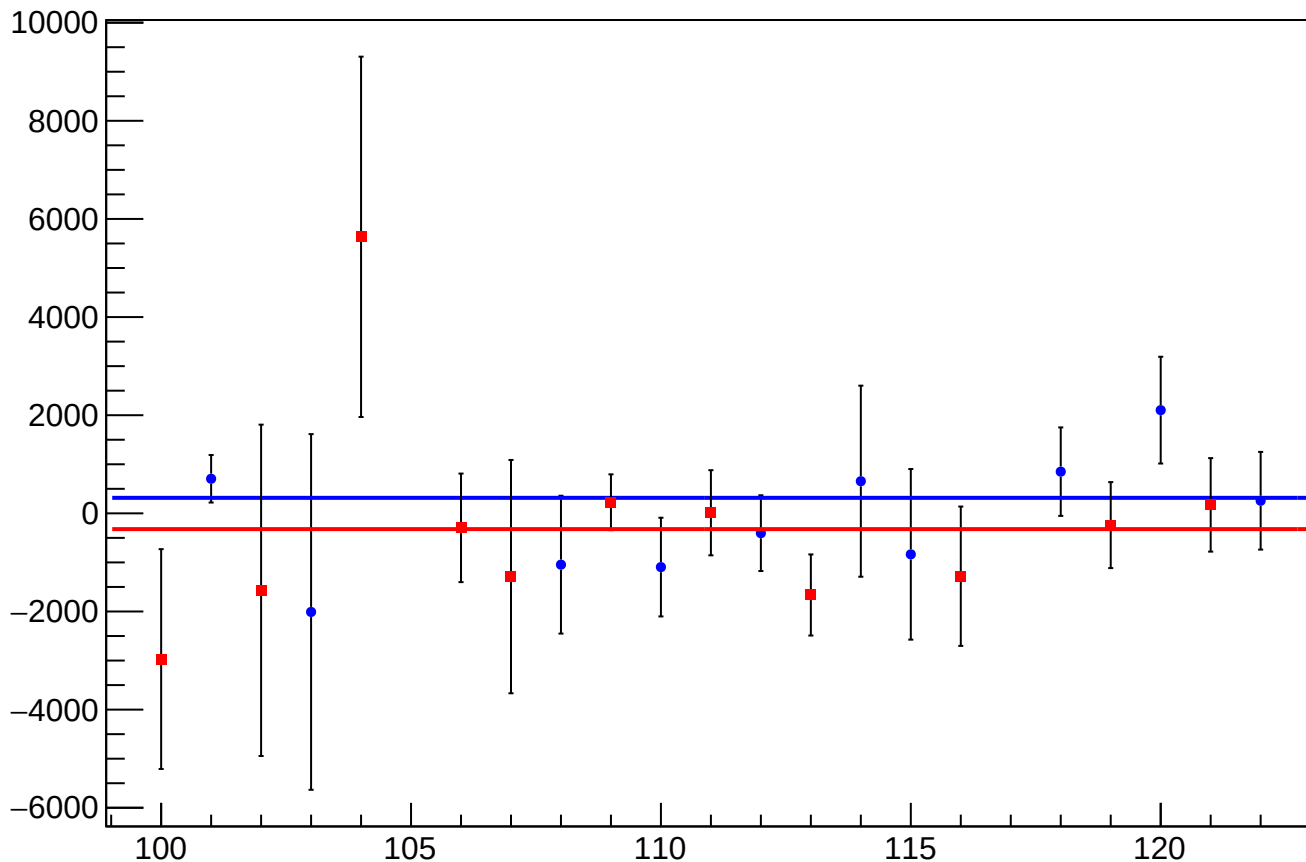
Right: 2053.283+/-0.509 χ^2/NDF : 869307.3/20

In: 2032.631+/-0.738 χ^2/NDF :614029.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2053.283+/-0.509 χ^2/NDF : 869307.3/20

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 316.156+/-298.905 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -321.380+/-314.036 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

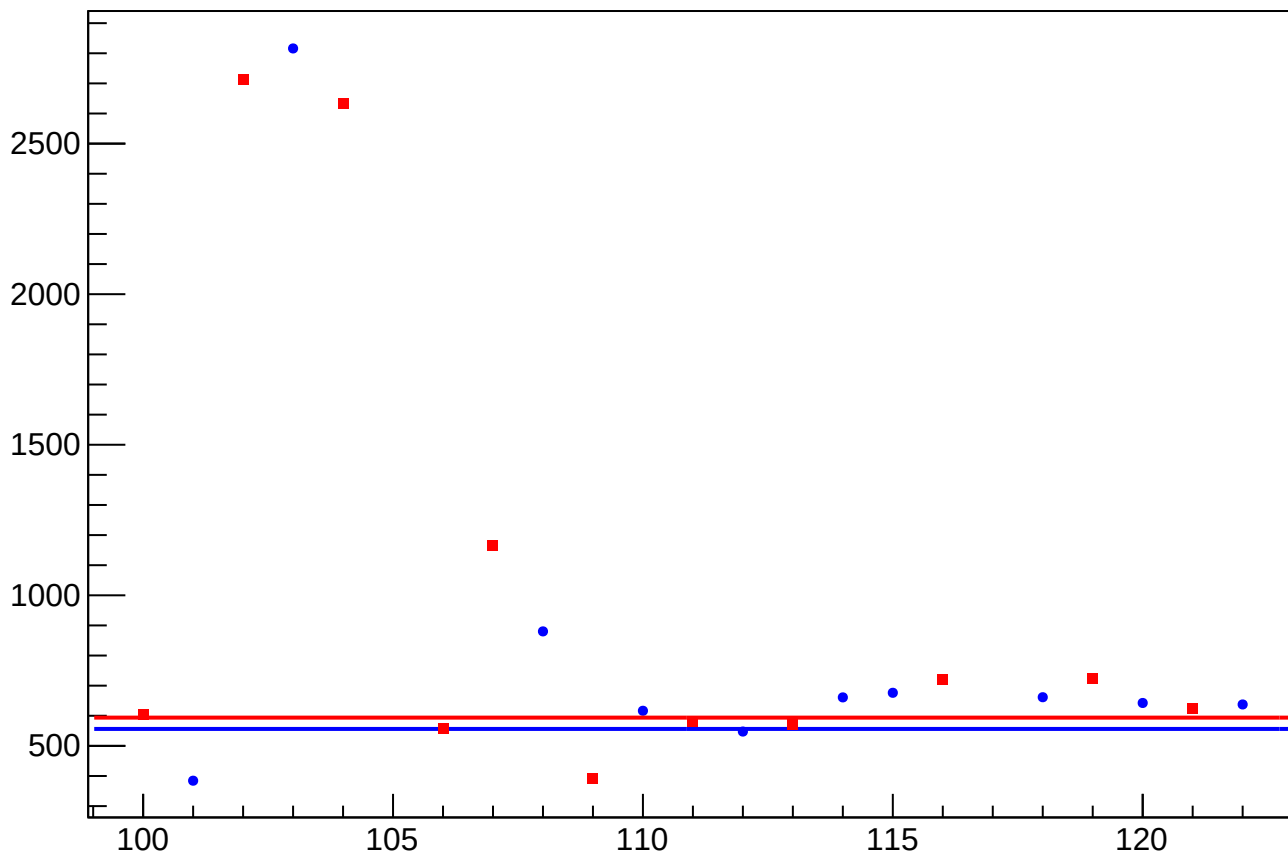
Right: 13.117+/-216.510 χ^2/NDF : 19.3/20

In: 316.156+/-298.905 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.117+/-216.510 χ^2/NDF : 19.3/20

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 556.275+/-0.211 χ^2/NDF : 1211854.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.854+/-0.222 χ^2/NDF : 1840416.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

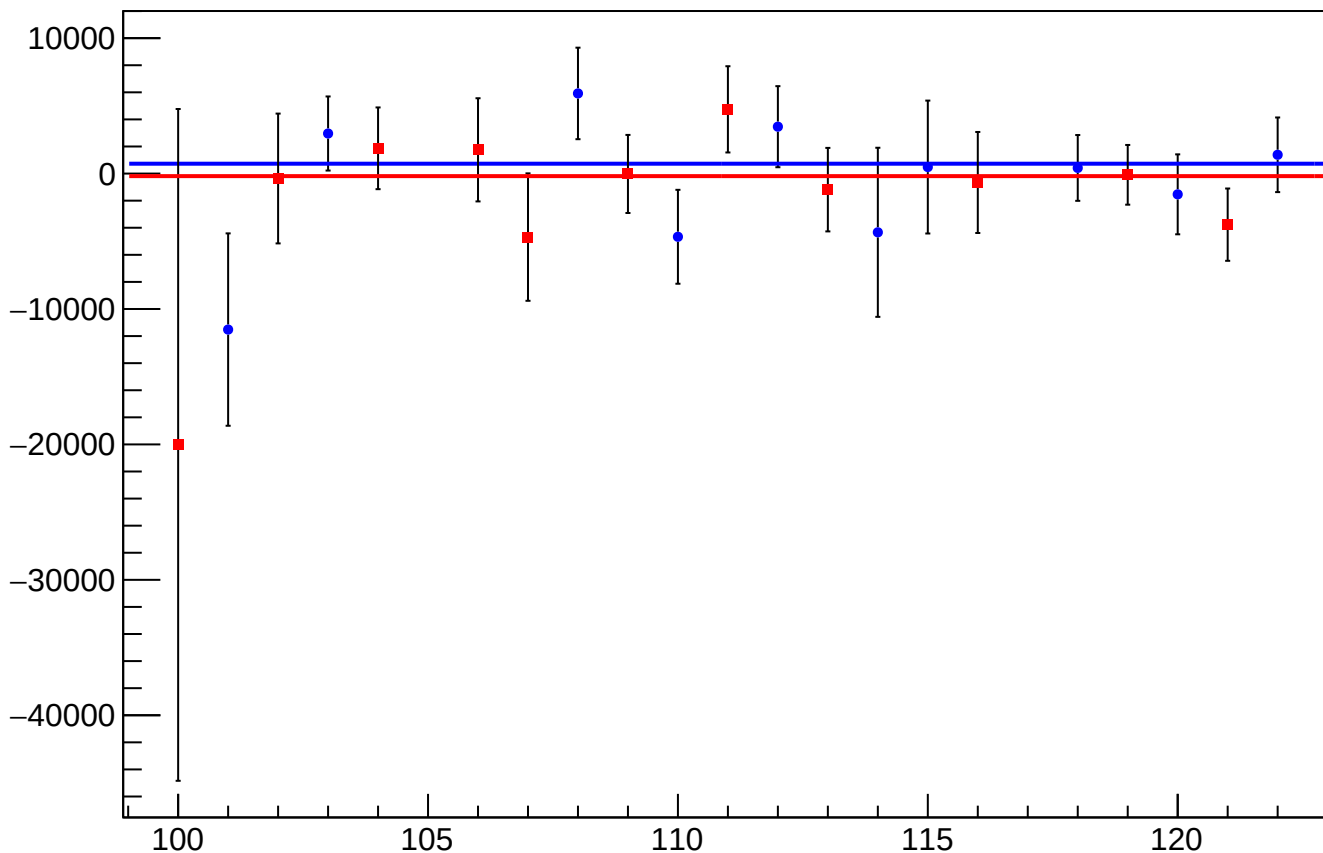
Right: 574.138+/-0.153 χ^2/NDF : 3067296.5/20

In: 556.275+/-0.211 χ^2/NDF : 1211854.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.138+/-0.153 χ^2/NDF : 3067296.5/20

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 728.819+/-1043.188 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.387+/-994.501 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

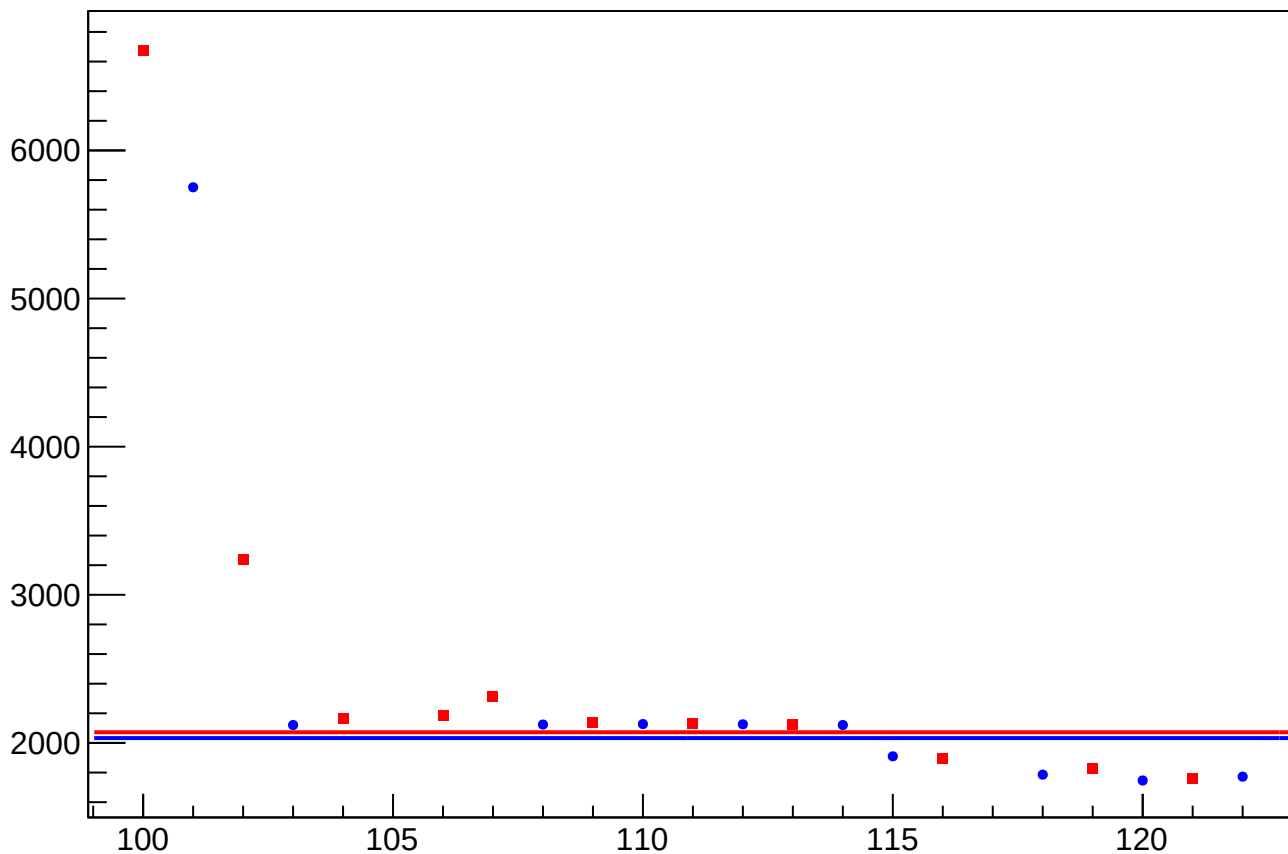
Right: 248.313+/-719.815 χ^2/NDF : 17.6/20

In: 728.819+/-1043.188 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.313+/-719.815 χ^2/NDF : 17.6/20

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2032.630+/-0.738 χ^2/NDF : 614029.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2072.053+/-0.703 χ^2/NDF : 253781.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

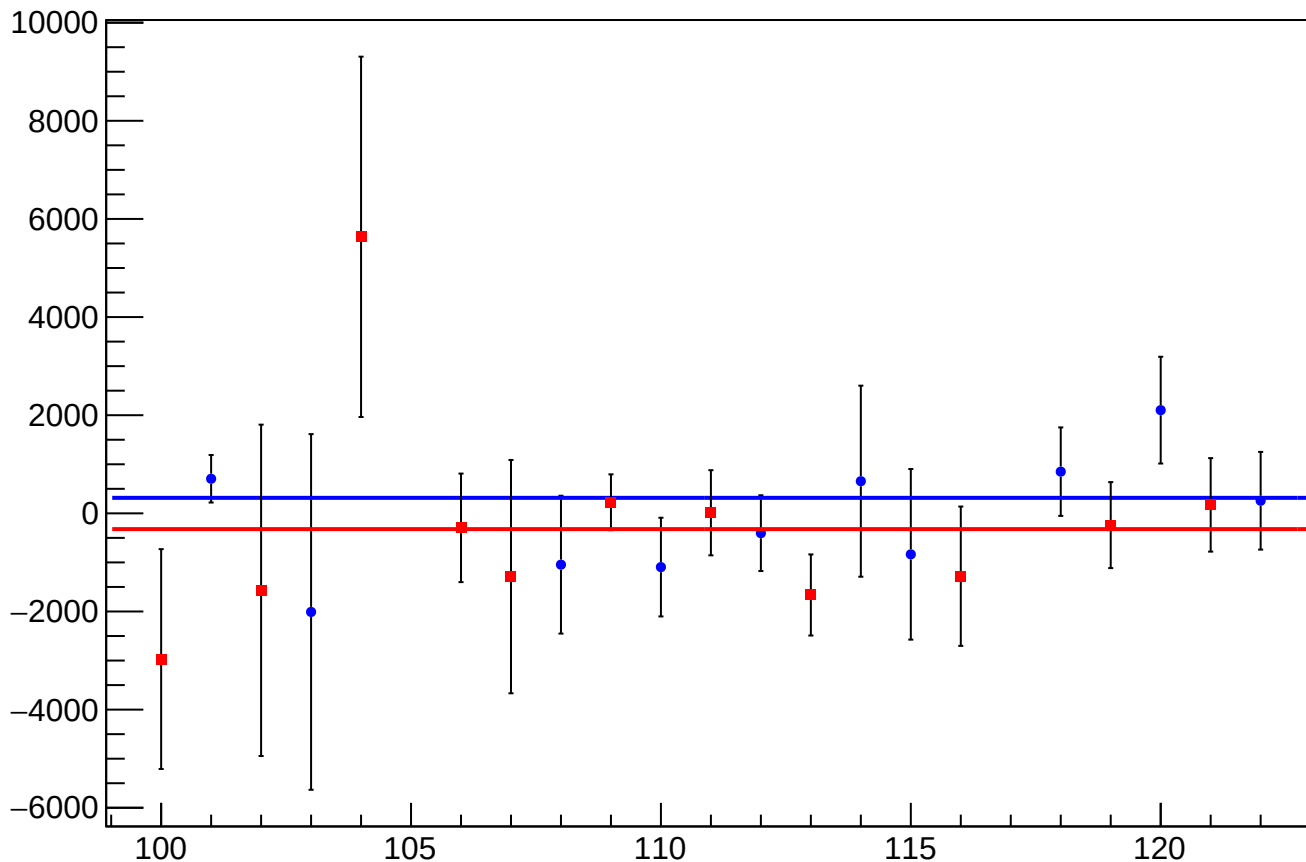
Right: 2053.283+/-0.509 χ^2/NDF : 869306.6/20

In: 2032.630+/-0.738 χ^2/NDF :614029.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2053.283+/-0.509 χ^2/NDF : 869306.6/20

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 316.155+/-298.904 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -321.377+/-314.035 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

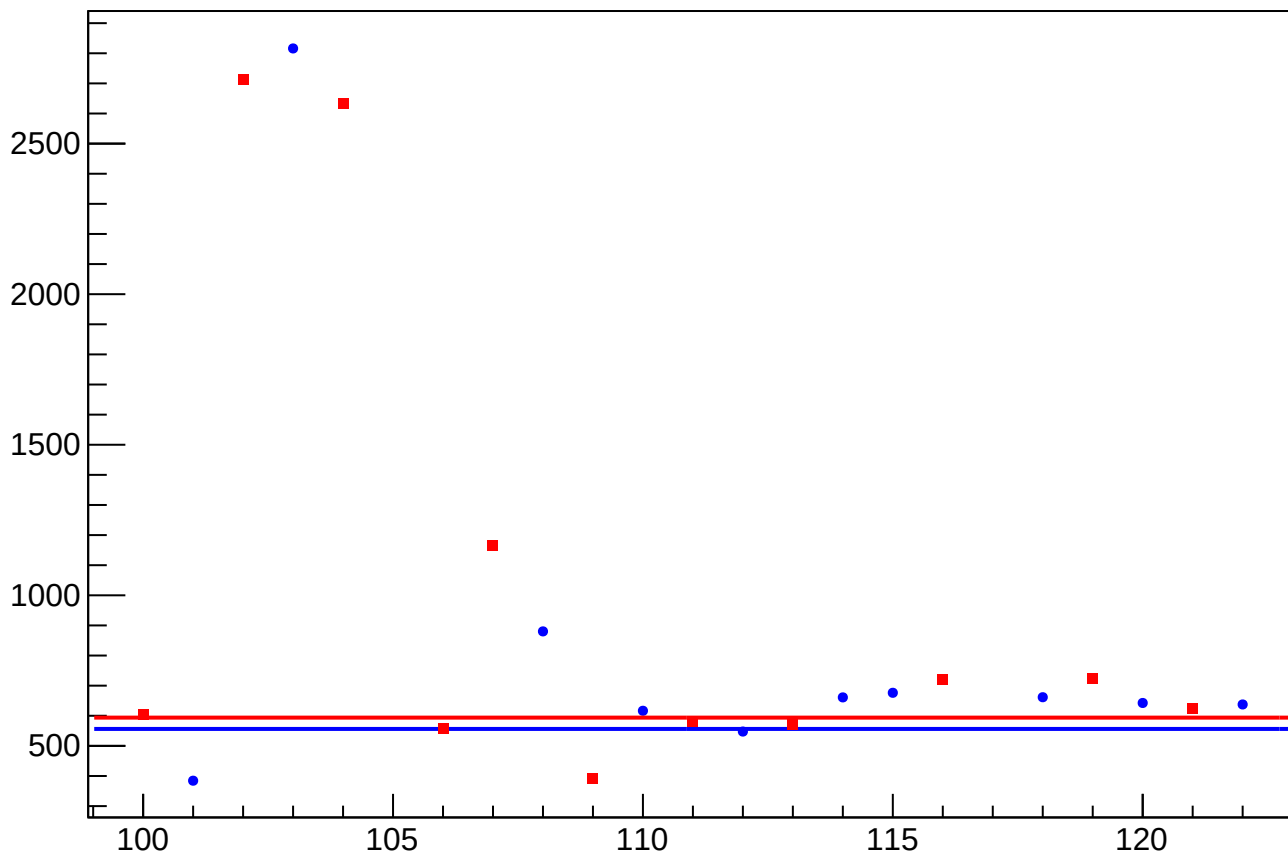
Right: 13.117+/-216.509 χ^2/NDF : 19.3/20

In: 316.155+/-298.904 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.117+/-216.509 χ^2/NDF : 19.3/20

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 556.274+/-0.211 χ^2/NDF : 1211847.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.850+/-0.222 χ^2/NDF : 1840432.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

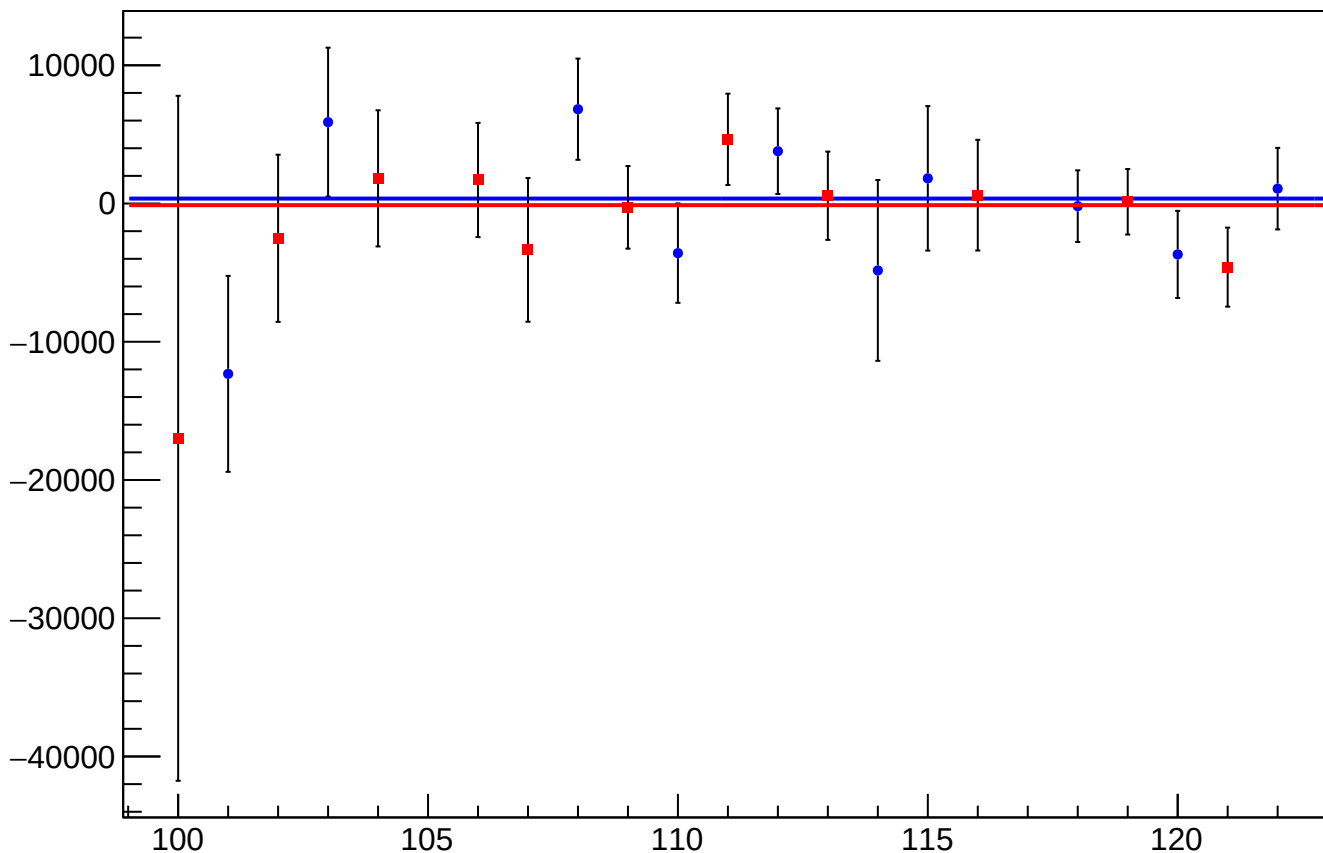
Right: 574.135+/-0.153 χ^2/NDF : 3067304.0/20

In: 556.274+/-0.211 χ^2/NDF : 1211847.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.135+/-0.153 χ^2/NDF : 3067304.0/20

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 357.833+/-1166.297 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.419+/-1097.547 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

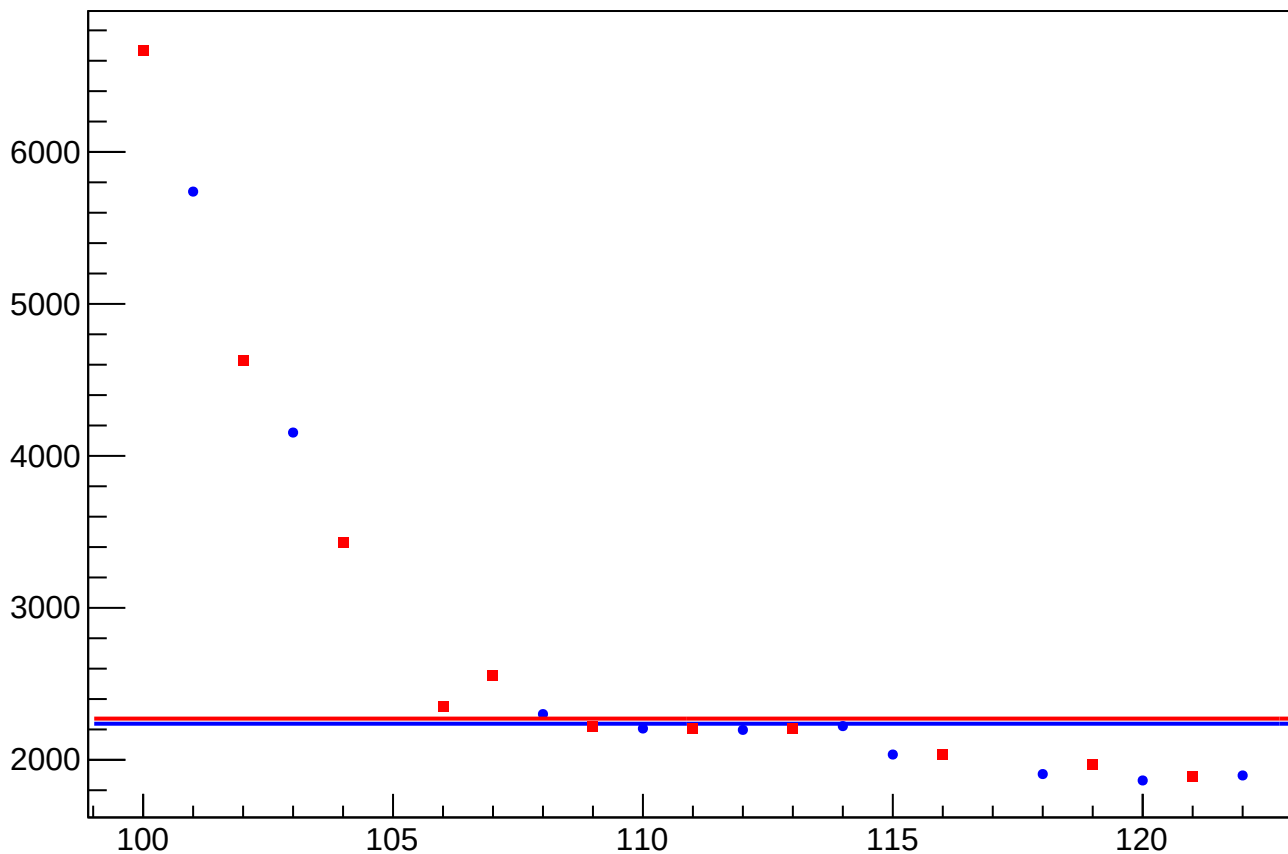
Right: 105.257+/-799.283 χ^2/NDF : 18.3/20

In: 357.833+/-1166.297 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.257+/-799.283 χ^2/NDF : 18.3/20

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2237.676+/-0.825 χ^2/NDF : 832601.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.338+/-0.776 χ^2/NDF : 562123.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

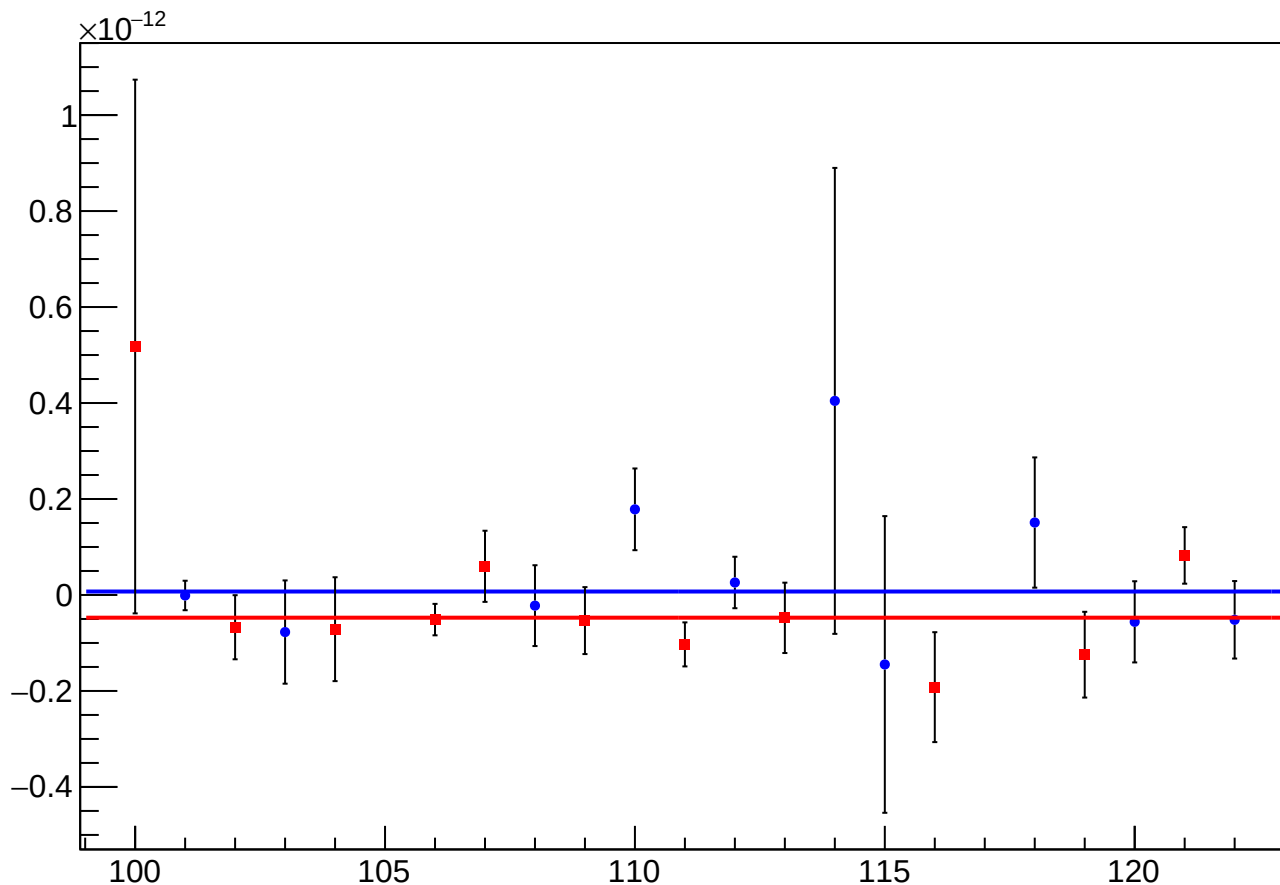
Right: 2255.528+/-0.565 χ^2/NDF : 1395608.7/20

In: 2237.676+/-0.825 χ^2/NDF : 832601.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2255.528+/-0.565 χ^2/NDF : 1395608.7/20

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 8.1/9

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

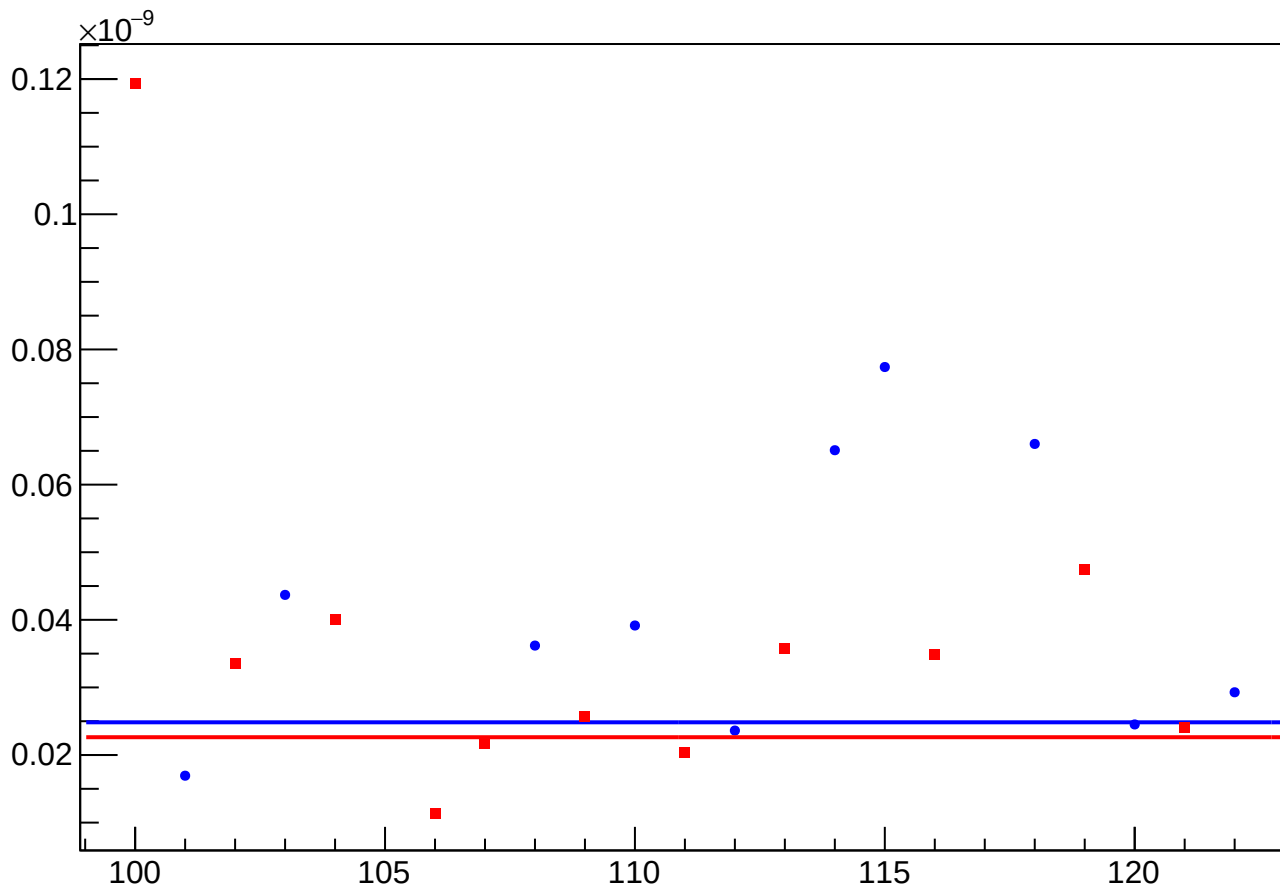
Right: -0.000 +/- 0.000 χ^2/NDF : 23.6/20

In: 0.000 +/- 0.000 χ^2/NDF : 8.1/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 23.6/20

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 549543.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 654761.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

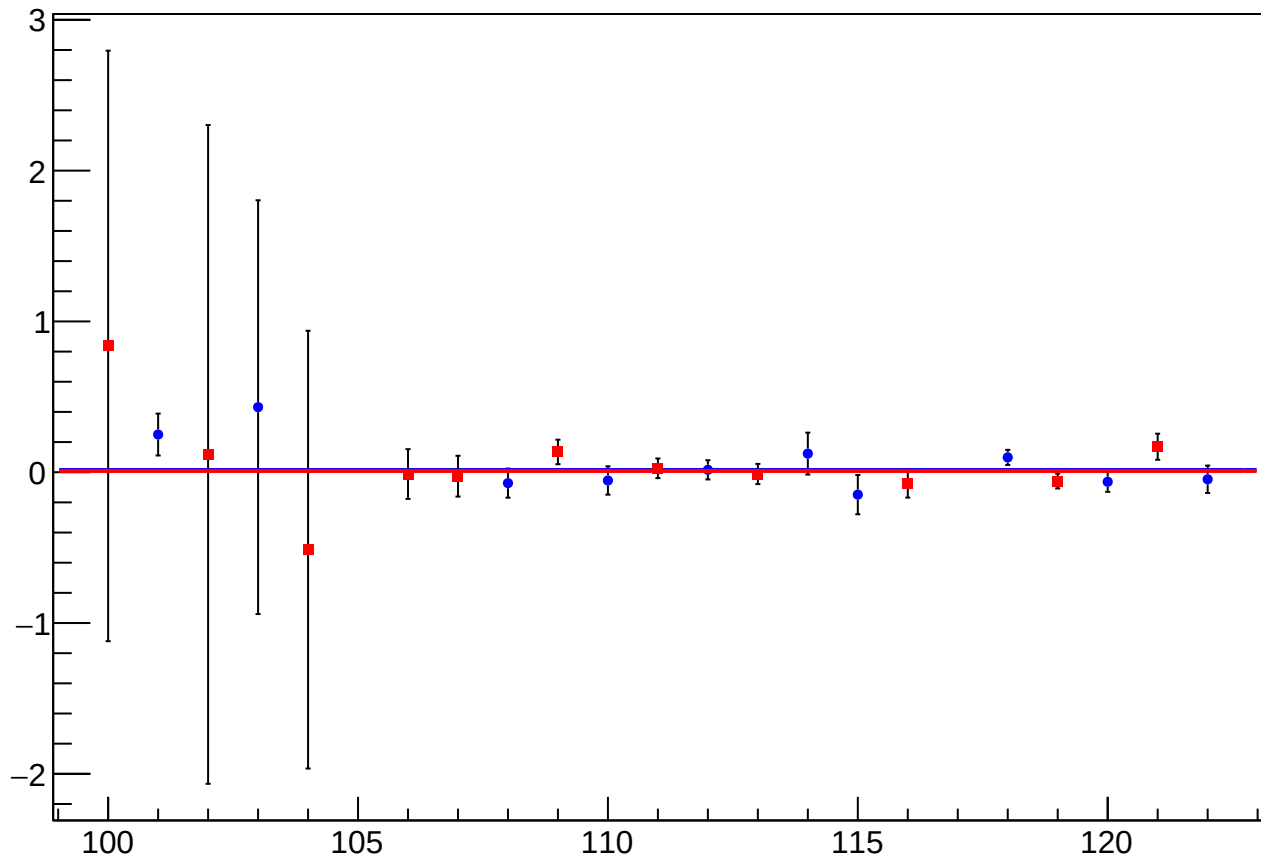
Right: 0.000+/-0.000 χ^2/NDF : 1216059.0/20

In: 0.000+/-0.000 χ^2/NDF : 549543.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1216059.0/20

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.027 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

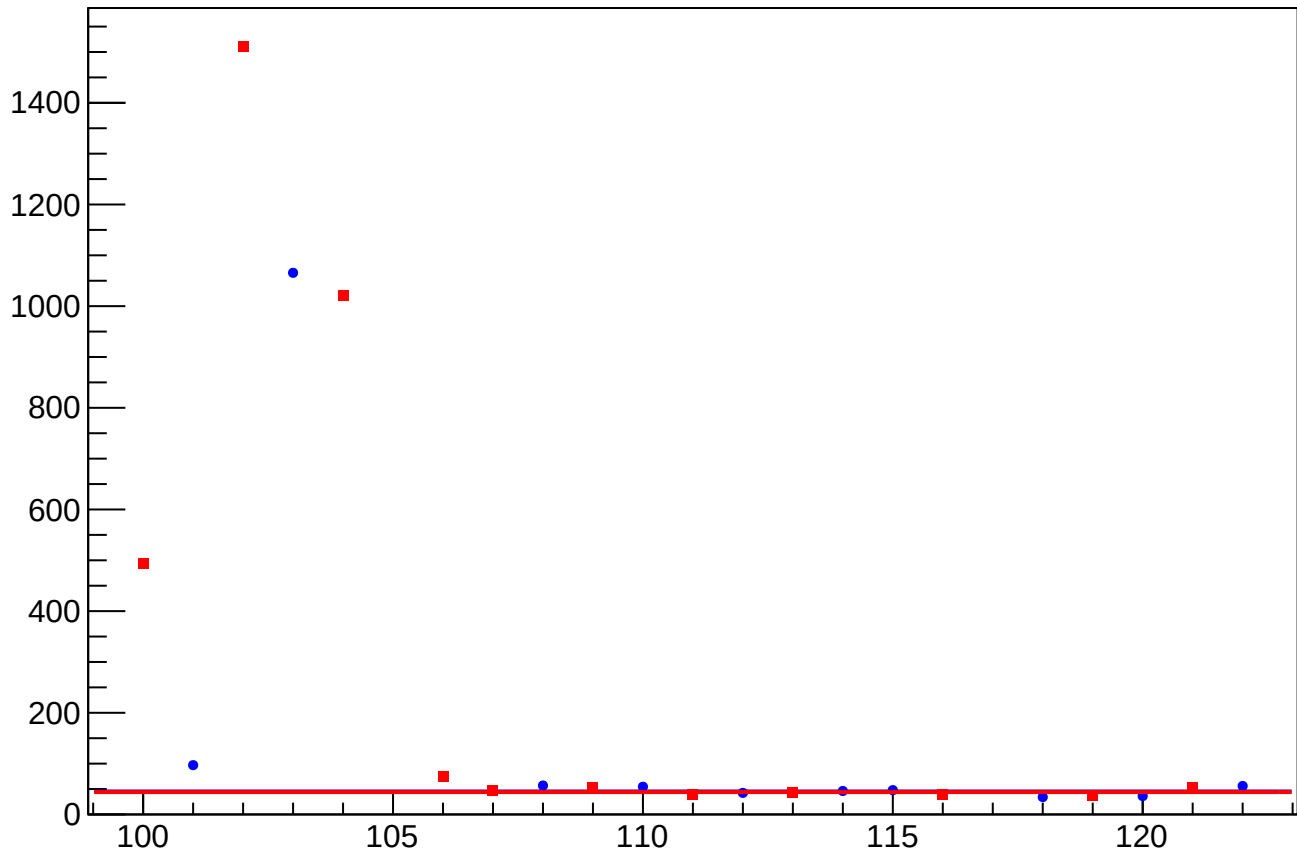
Right: 0.012+/-0.019 χ^2/NDF : 20.2/20

In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.175+/-0.019 χ^2/NDF : 1599477.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.037+/-0.019 χ^2/NDF : 2084281.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

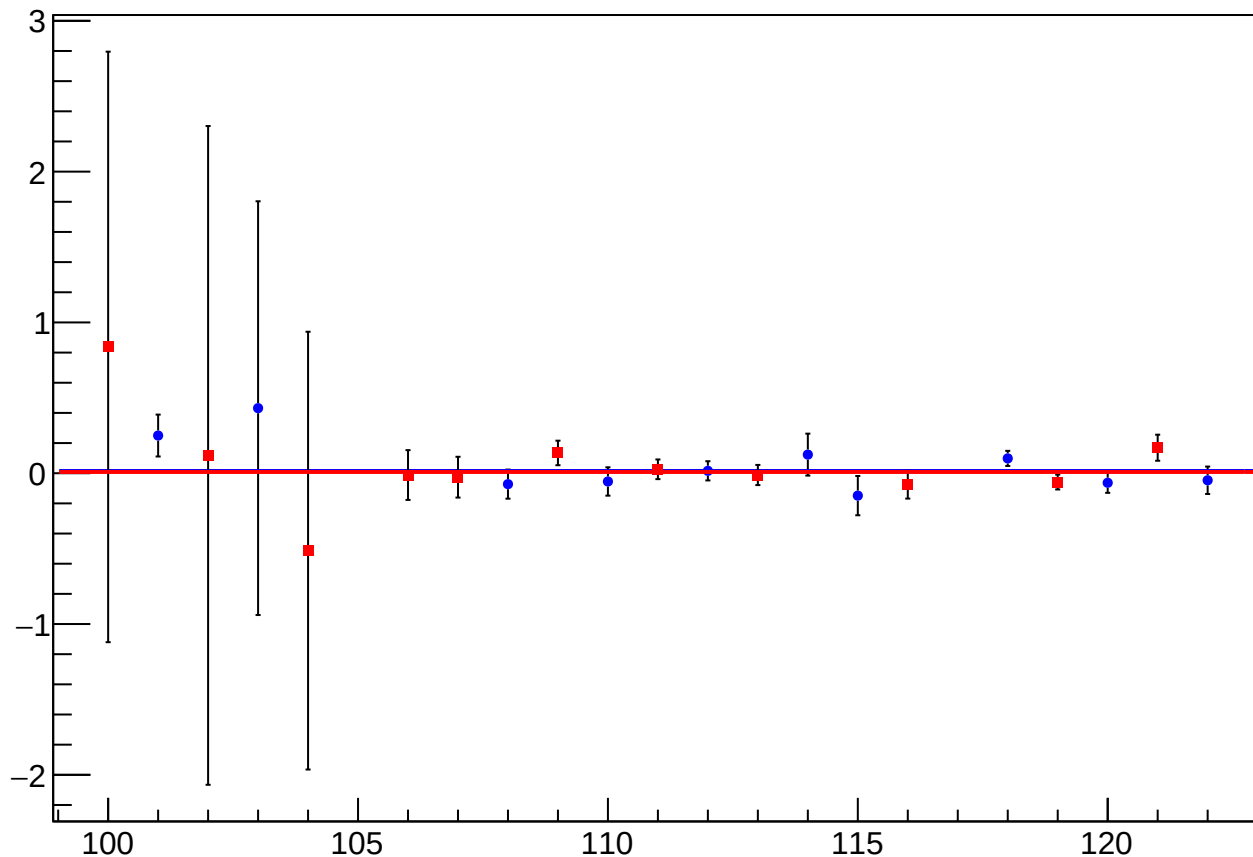
Right: 44.607+/-0.014 χ^2/NDF : 3685534.4/20

In: 45.175+/-0.019 χ^2/NDF : 1599477.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.607+/-0.014 χ^2/NDF : 3685534.4/20

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.027 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

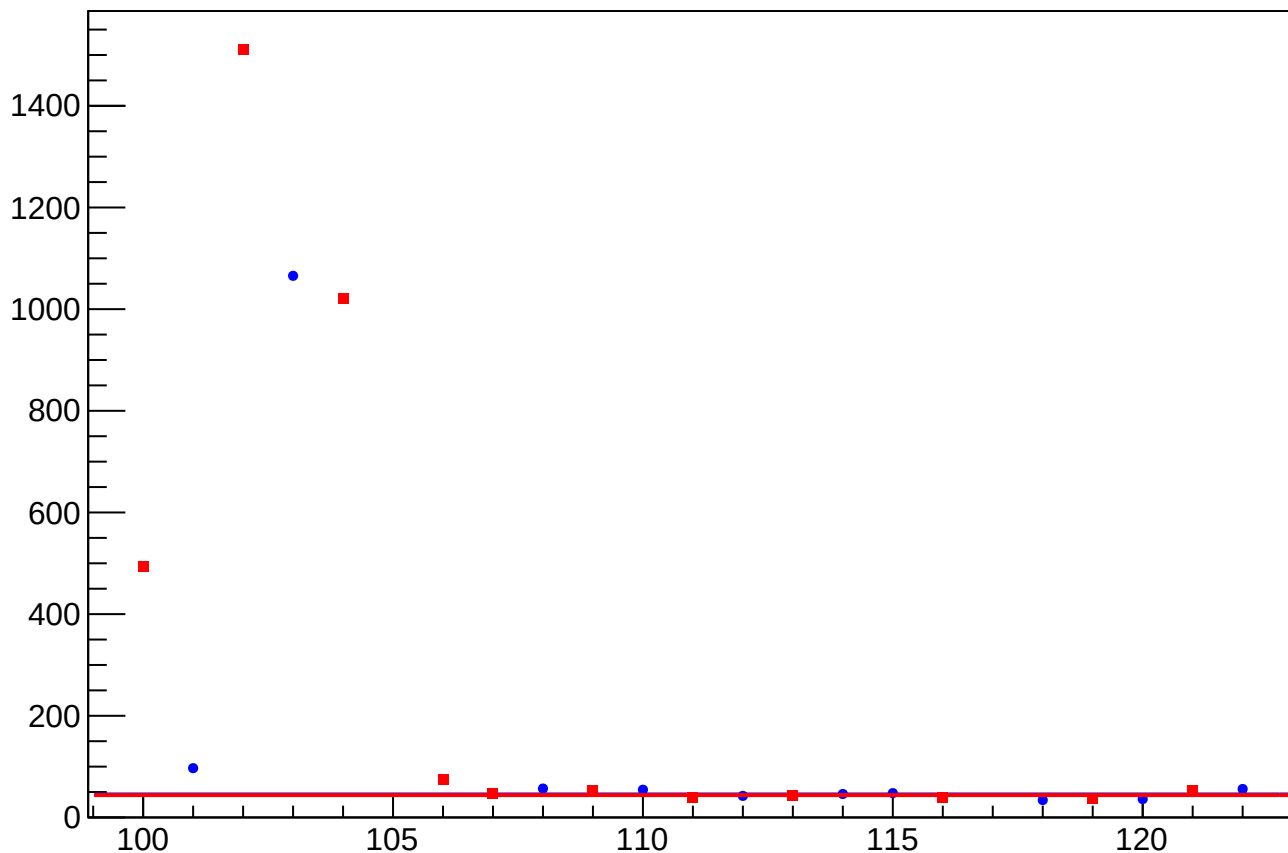
Right: 0.012+/-0.019 χ^2/NDF : 20.2/20

In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.175+/-0.019 χ^2/NDF : 1599477.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.037+/-0.019 χ^2/NDF : 2084281.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

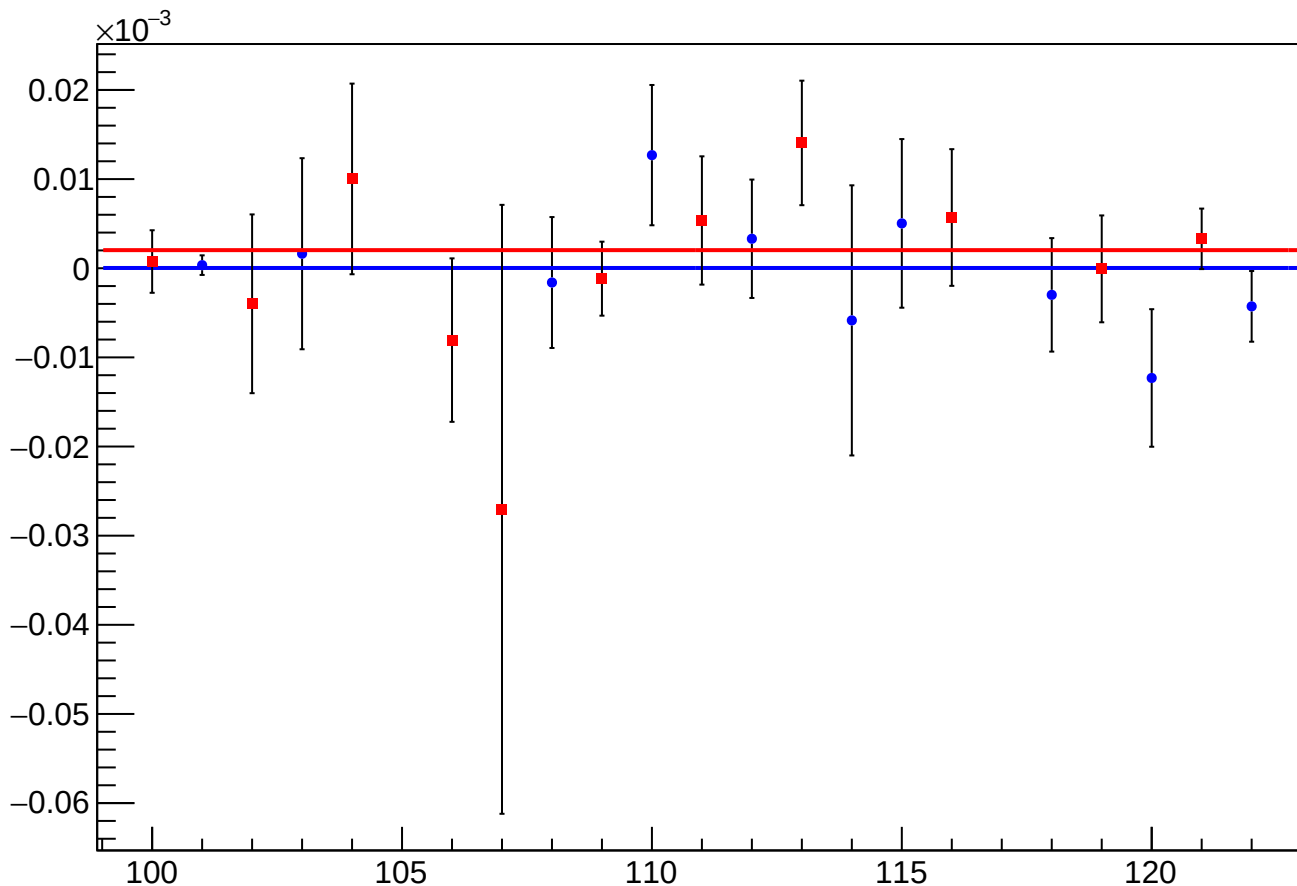
Right: 44.607+/-0.014 χ^2/NDF : 3685534.4/20

In: 45.175+/-0.019 χ^2/NDF : 1599477.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.607+/-0.014 χ^2/NDF : 3685534.4/20

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: 7.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

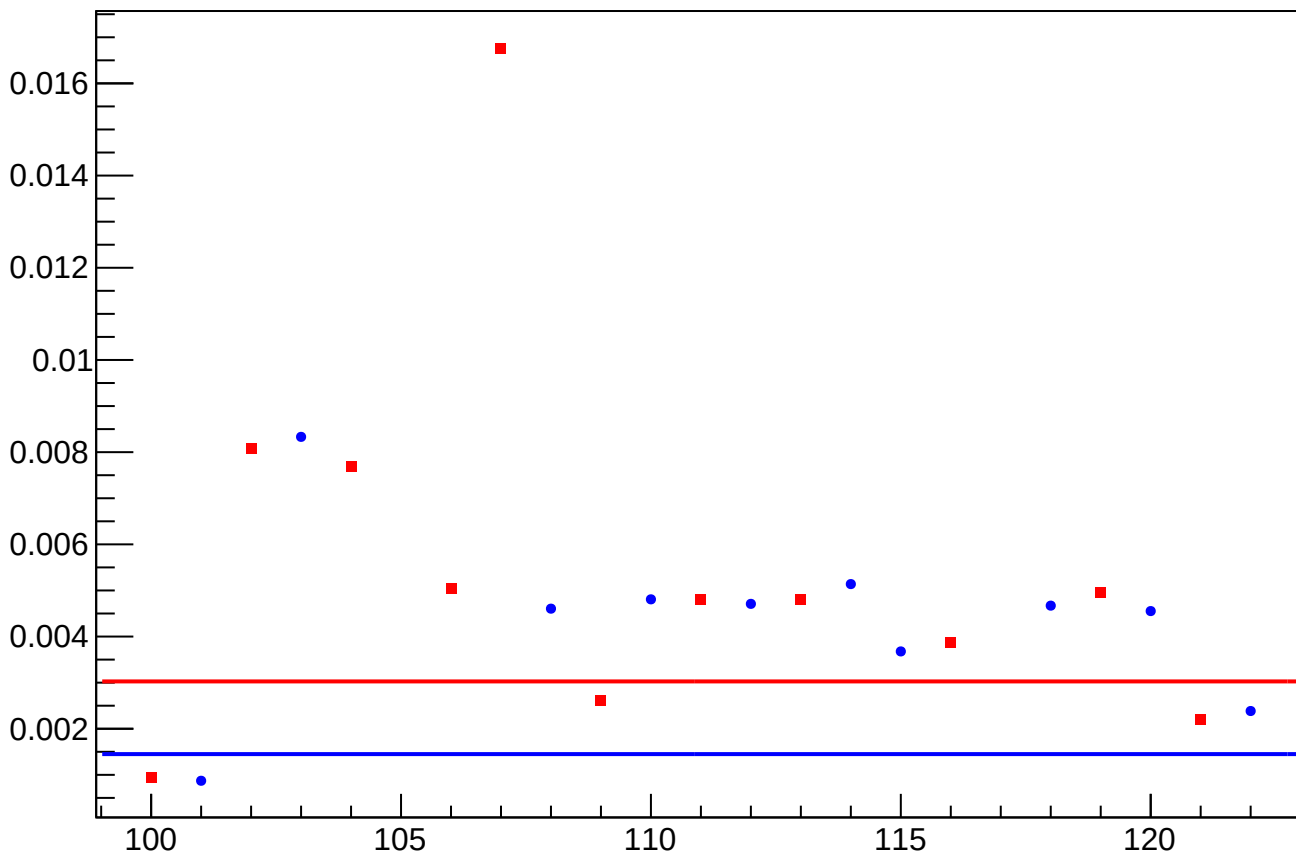
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/20

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/20

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 : 3769211.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2637316.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

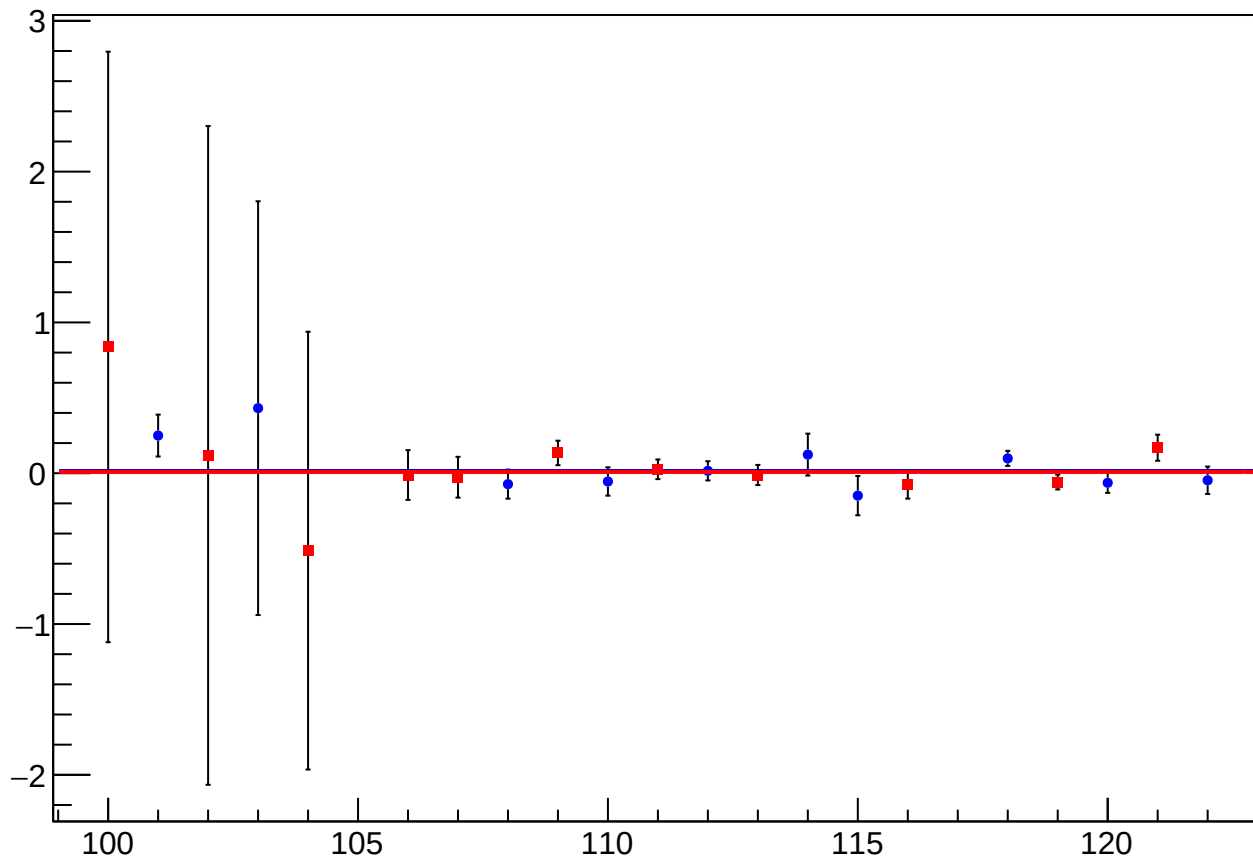
Right: 0.002+/-0.000 χ^2/NDF : 7678955.0/20

In: 0.001+/-0.000 χ^2/NDF :3769211.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7678955.0/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.027 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

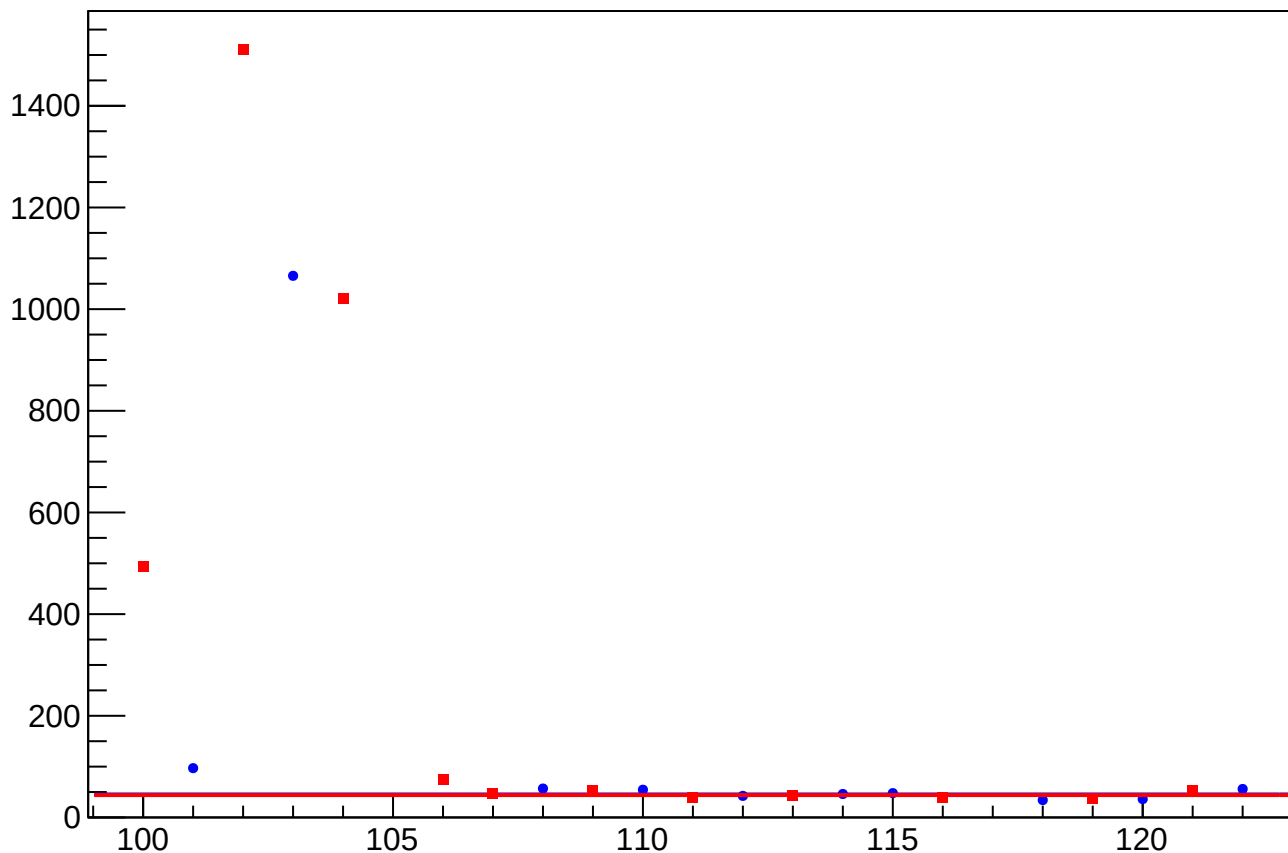
Right: 0.012+/-0.019 χ^2/NDF : 20.2/20

In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.176+/-0.019 χ^2/NDF : 1599448.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.036+/-0.019 χ^2/NDF : 2084313.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

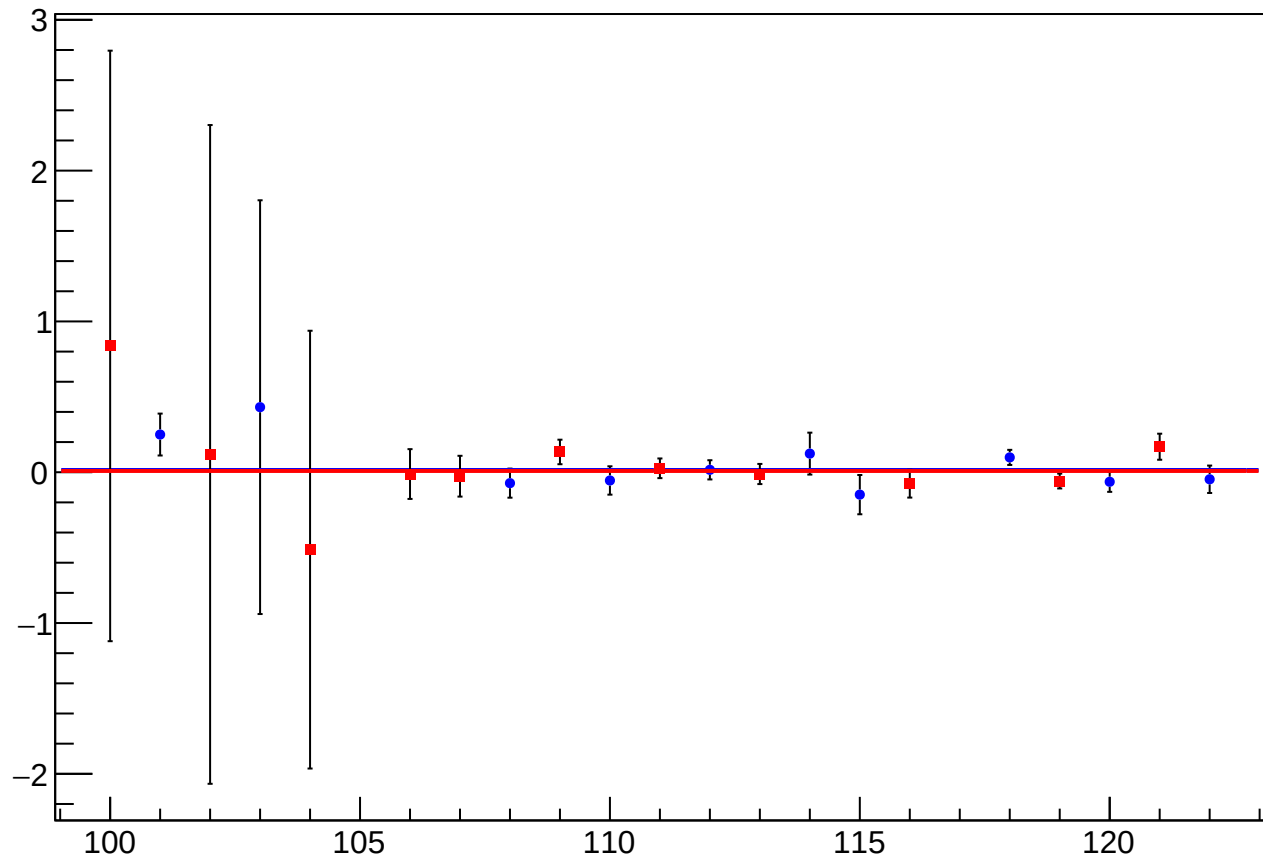
Right: 44.607+/-0.014 χ^2/NDF : 3685544.5/20

In: 45.176+/-0.019 χ^2/NDF : 1599448.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.607+/-0.014 χ^2/NDF : 3685544.5/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.027 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

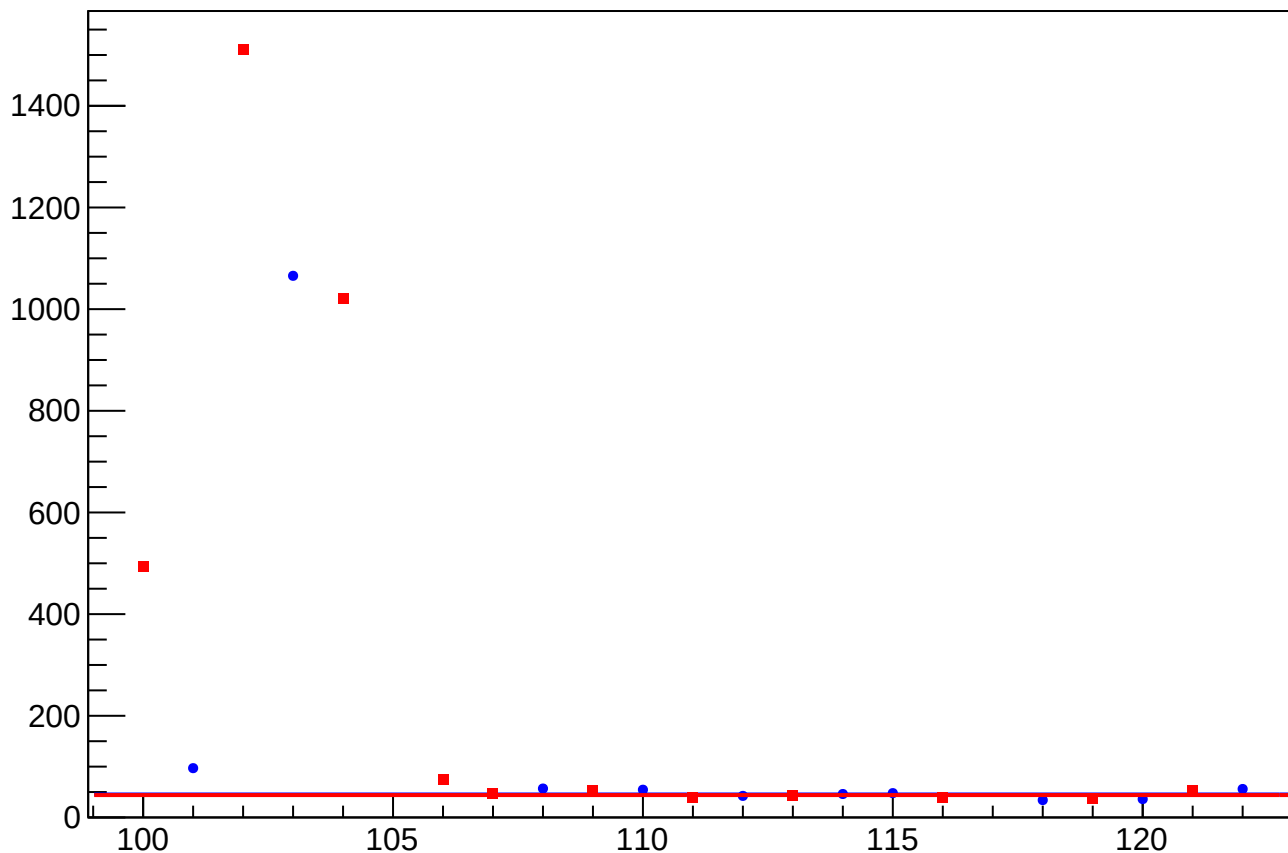
Right: 0.012+/-0.019 χ^2/NDF : 20.2/20

In: 0.015+/-0.027 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 20.2/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.176+/-0.019 χ^2/NDF : 1599448.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.036+/-0.019 χ^2/NDF : 2084313.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

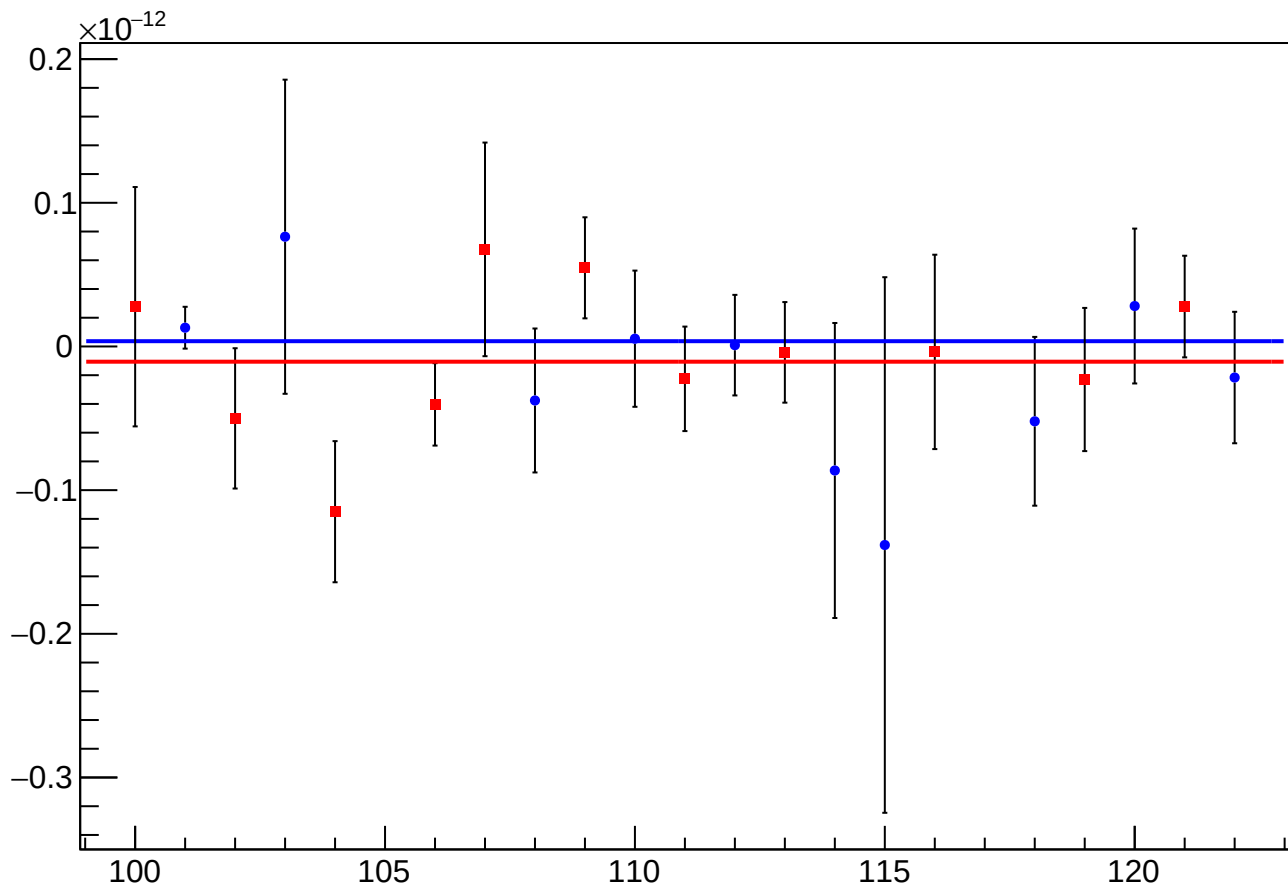
Right: 44.607+/-0.014 χ^2/NDF : 3685544.5/20

In: 45.176+/-0.019 χ^2/NDF : 1599448.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.607+/-0.014 χ^2/NDF : 3685544.5/20

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/9

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

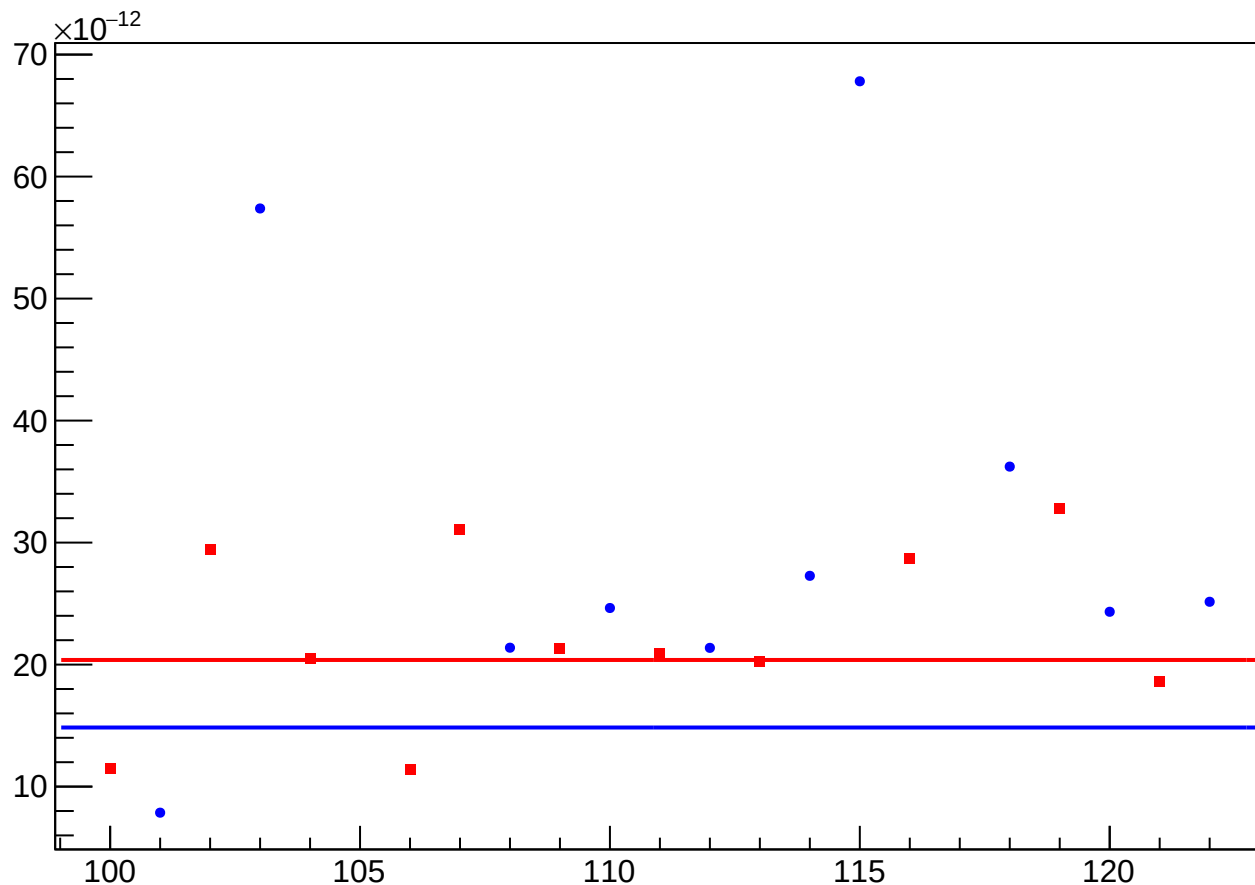
Right: -0.000+/-0.000 χ^2/NDF : 17.4/20

In: 0.000+/-0.000 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/20

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 : 1571304.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 489286.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

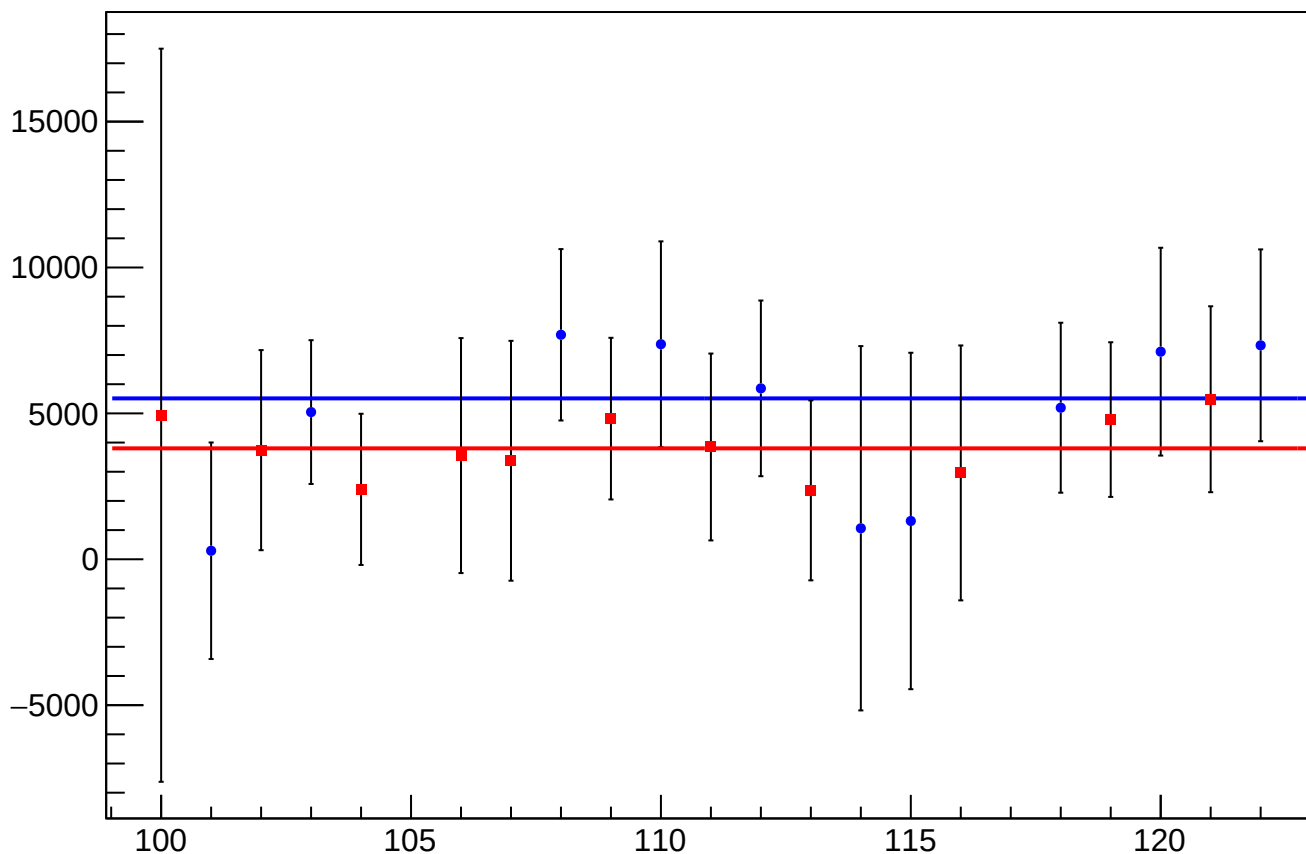
Right: 0.000+/-0.000 χ^2/NDF : 2270617.8/20

In: 0.000+/-0.000 χ^2/NDF : 1571304.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2270617.8/20

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5513.856+/-1060.503 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3801.484+/-1006.275 χ^2/NDF : 1.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

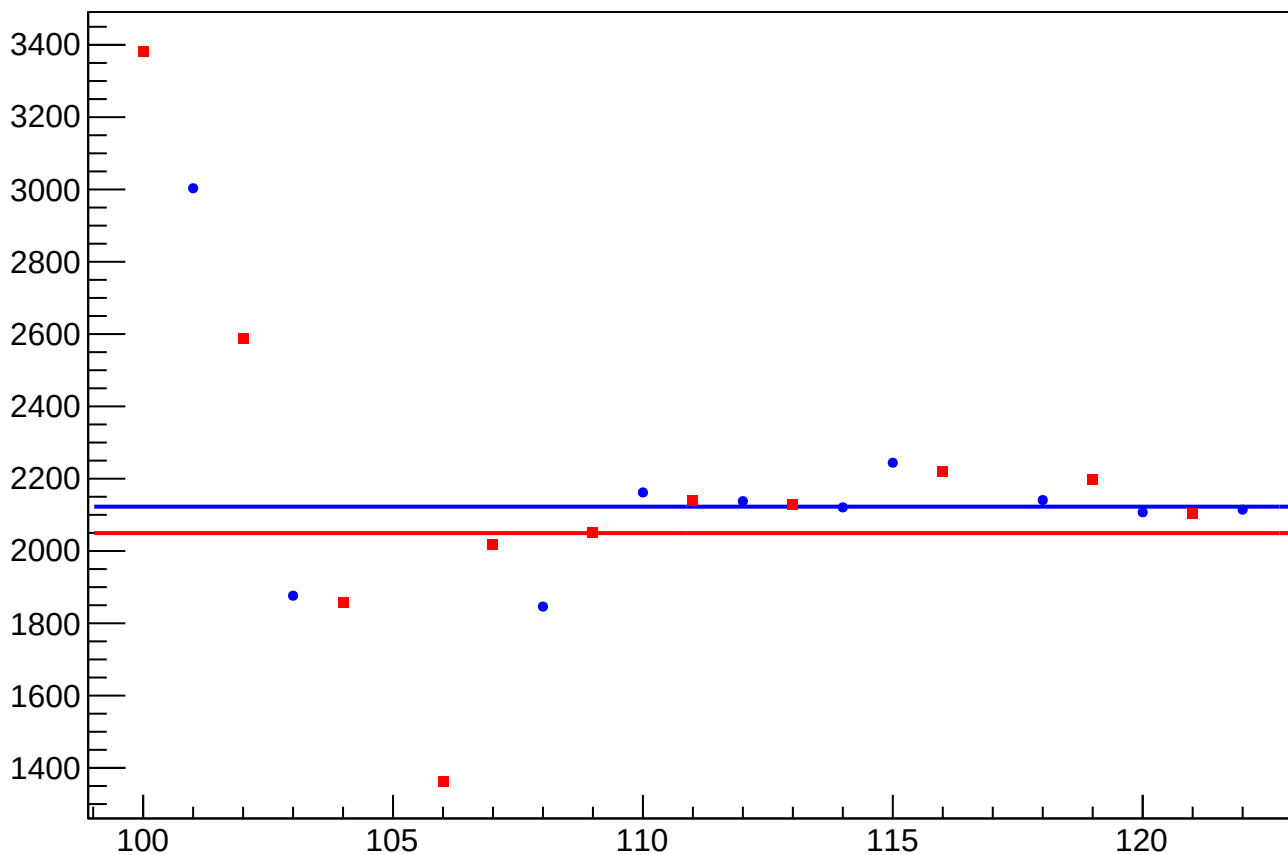
Right: 4612.772+/-729.962 χ^2/NDF : 6.9/20

In: 5513.856+/-1060.503 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4612.772+/-729.962 χ^2/NDF : 6.9/20

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.608+/-0.750 χ^2/NDF : 151661.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2049.494+/-0.694 χ^2/NDF : 200637.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

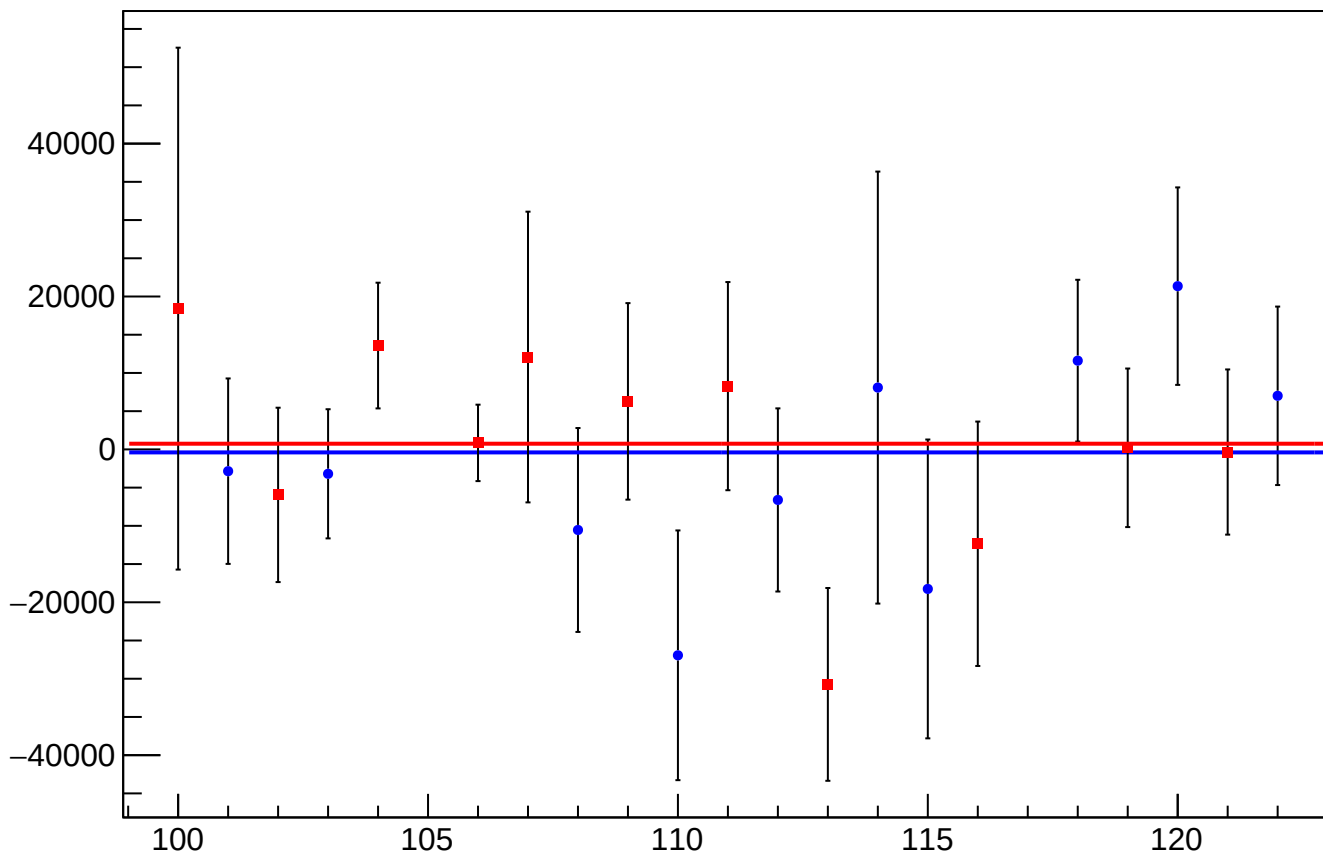
Right: 2083.240+/-0.509 χ^2/NDF : 357417.3/20

In: 2122.608+/-0.750 χ^2/NDF : 151661.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.240+/-0.509 χ^2/NDF : 357417.3/20

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -394.133 ± 3975.142 χ^2/NDF : 9.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 743.168 ± 3076.677 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

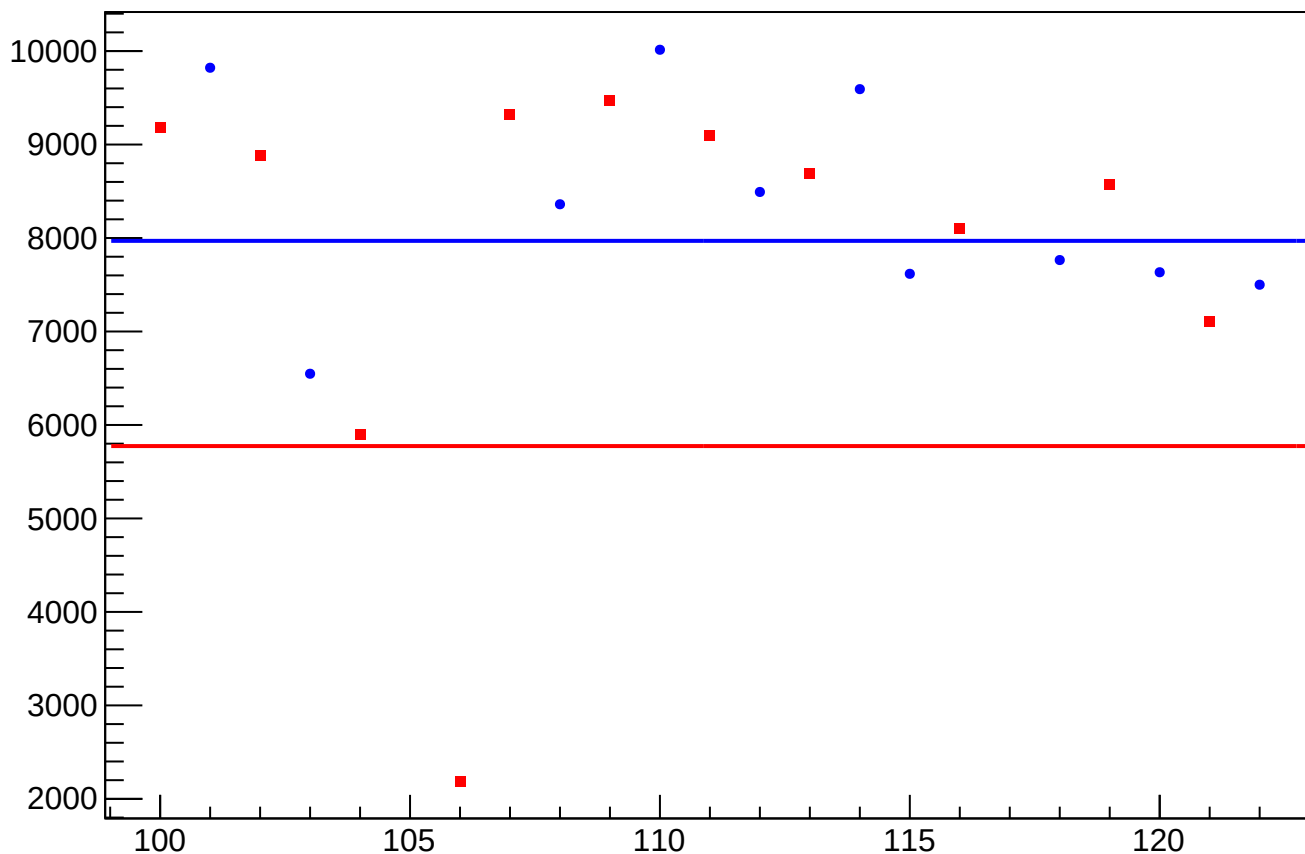
Right: 317.105 ± 2433.054 χ^2/NDF : 20.0/20

In: -394.133 ± 3975.142 χ^2/NDF : 9.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 317.105 ± 2433.054 χ^2/NDF : 20.0/20

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7969.631+/-2.811 χ^2/NDF : 152718.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5774.263+/-2.176 χ^2/NDF : 1879568.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

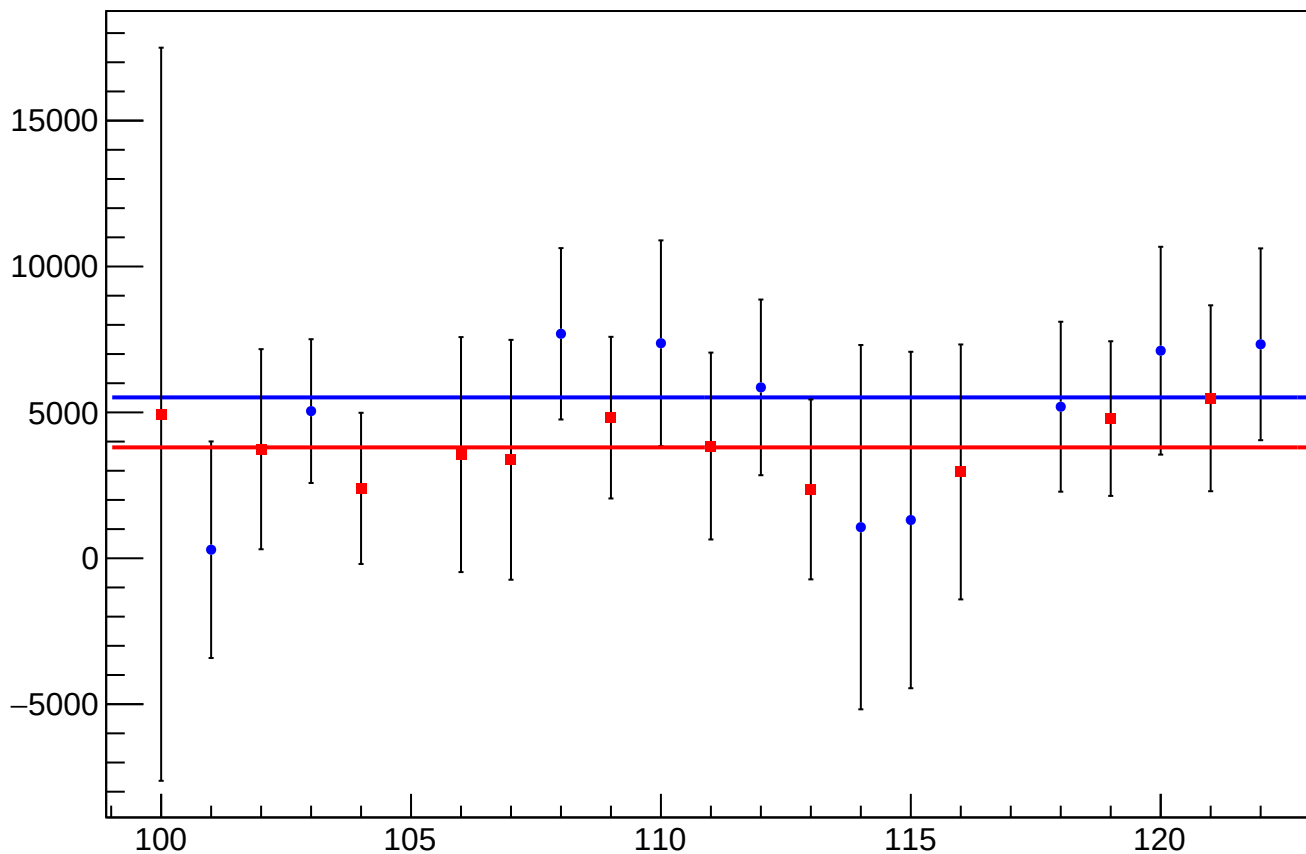
Right: 6596.706+/-1.720 χ^2/NDF : 2413773.6/20

In: 7969.631+/-2.811 χ^2/NDF : 152718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6596.706+/-1.720 χ^2/NDF : 2413773.6/20

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5514.249 $\pm$ 1060.503 χ^2 /NDF: 4.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3801.222 $\pm$ 1006.275 χ^2 /NDF: 1.1/10

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

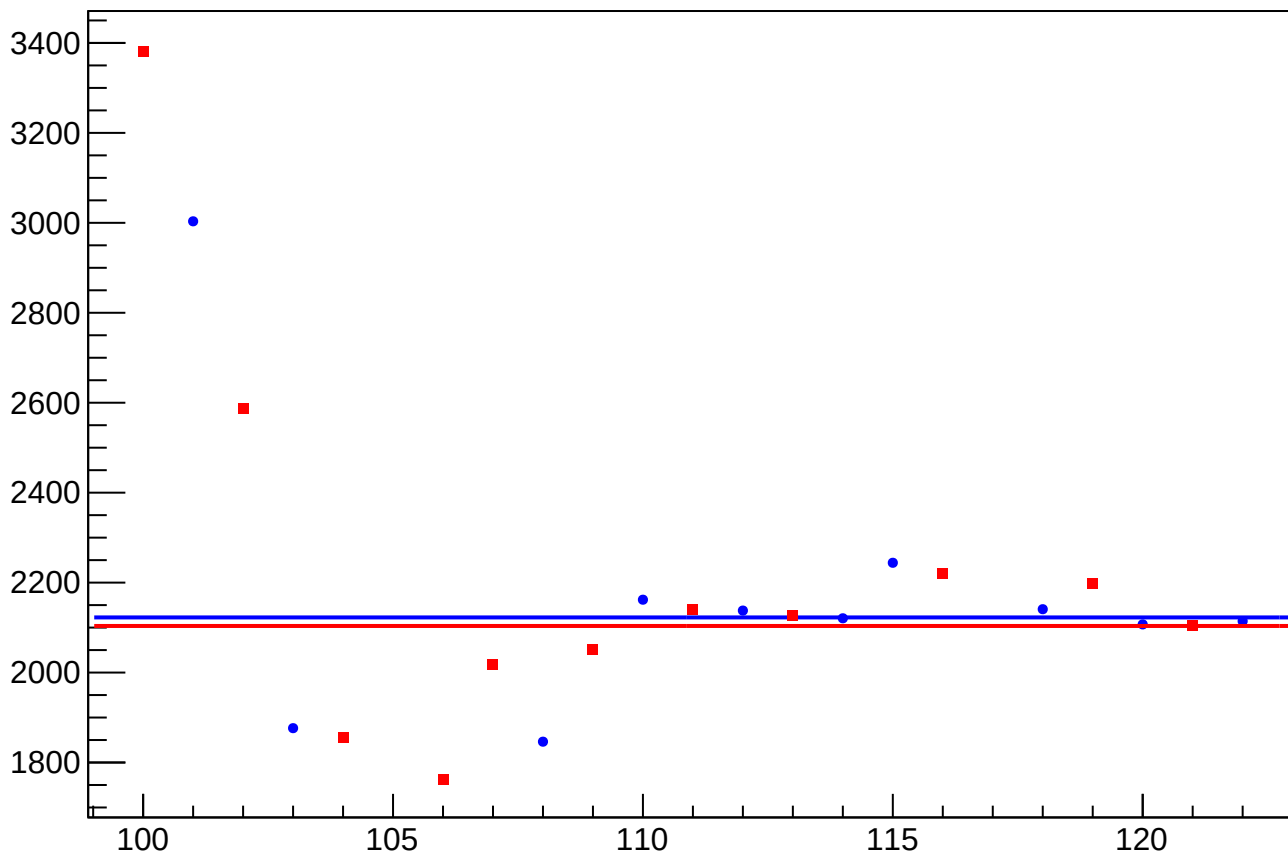
Right: 4612.820 $\pm$ 729.962 χ^2 /NDF: 6.9/20

In: 5514.249 $\pm$ 1060.503 χ^2 /NDF:4.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4612.820 $\pm$ 729.962 χ^2 /NDF: 6.9/20

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.607+/-0.750 χ^2/NDF : 151662.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.601+/-0.706 χ^2/NDF : 102715.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

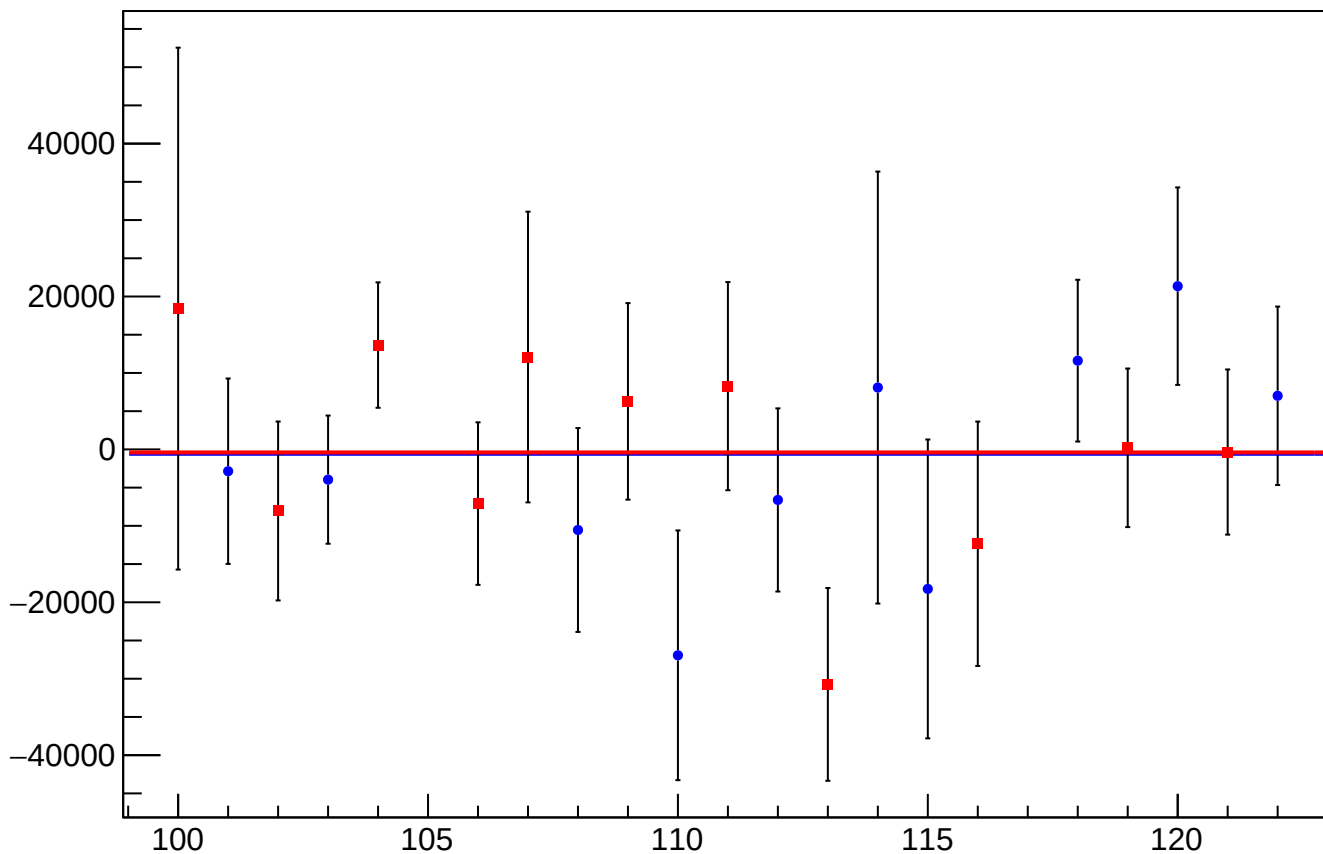
Right: 2112.533+/-0.514 χ^2/NDF : 254717.8/20

In: 2122.607+/-0.750 χ^2/NDF : 151662.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.533+/-0.514 χ^2/NDF : 254717.8/20

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -574.739+/-3968.382 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -397.774+/-3672.461 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

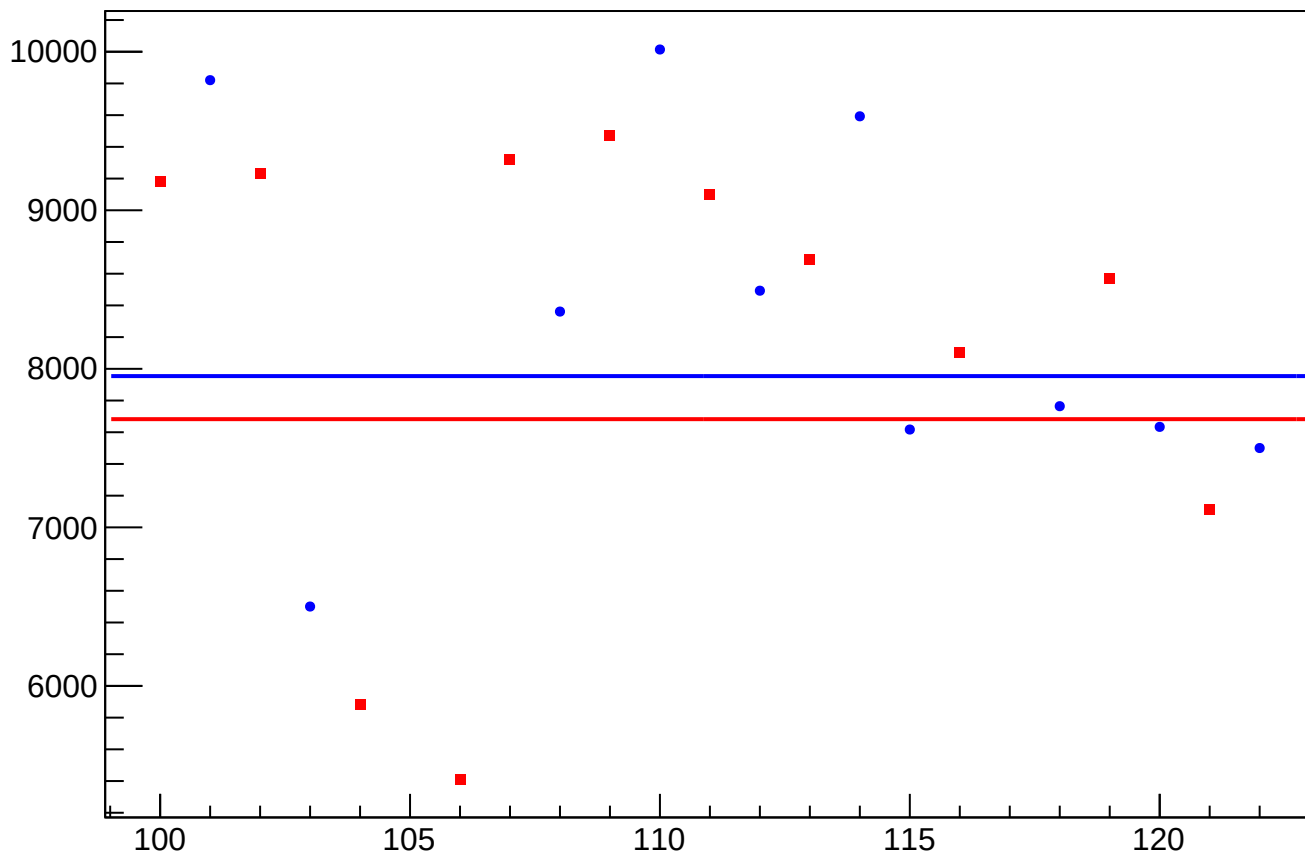
Right: -479.413+/-2695.374 χ^2/NDF : 20.7/20

In: -574.739+/-3968.382 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -479.413+/-2695.374 χ^2/NDF : 20.7/20

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7954.159+/-2.806 χ^2/NDF : 157413.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7682.521+/-2.597 χ^2/NDF : 336420.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

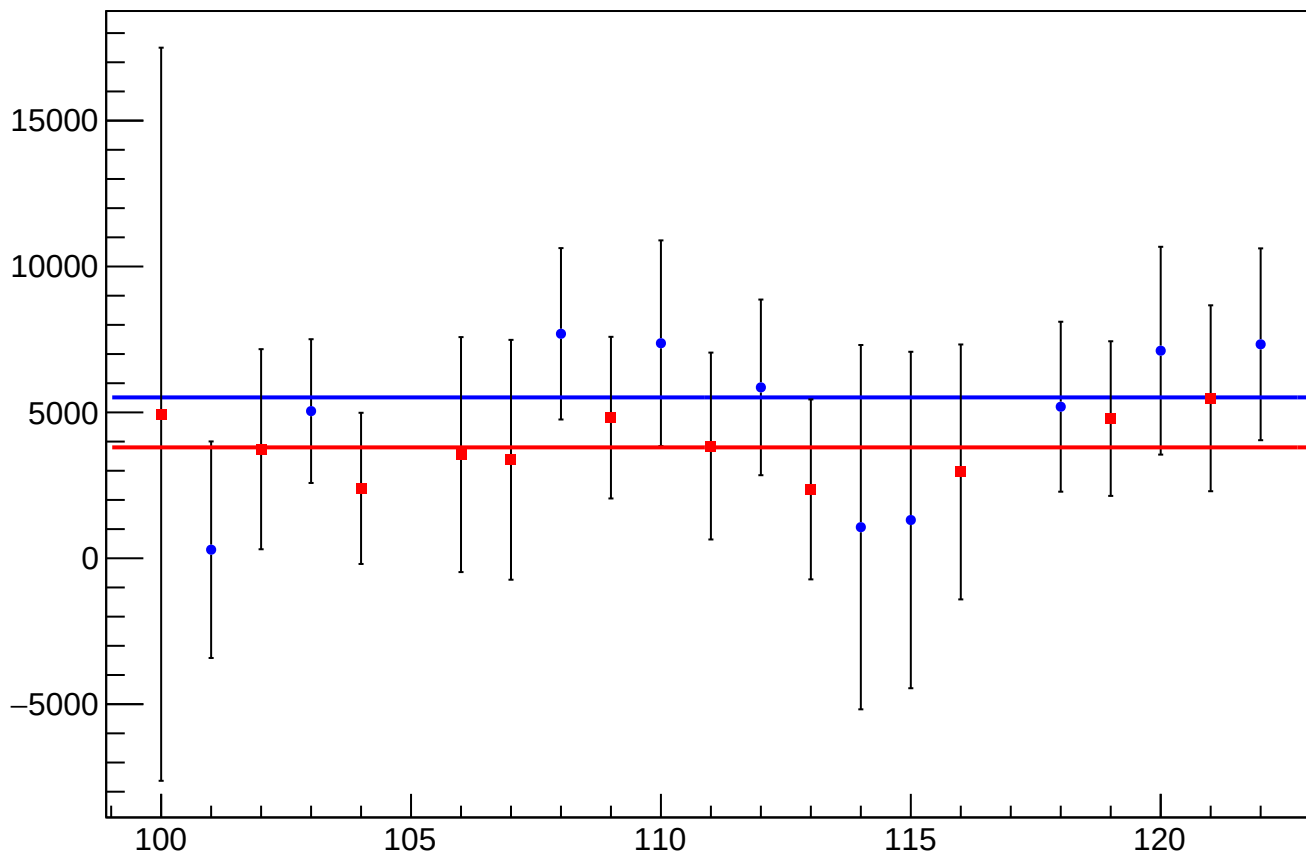
Right: 7807.836+/-1.906 χ^2/NDF : 498880.8/20

In: 7954.159+/-2.806 χ^2/NDF : 157413.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7807.836+/-1.906 χ^2/NDF : 498880.8/20

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5514.249+/-1060.503 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3801.222+/-1006.275 χ^2/NDF : 1.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

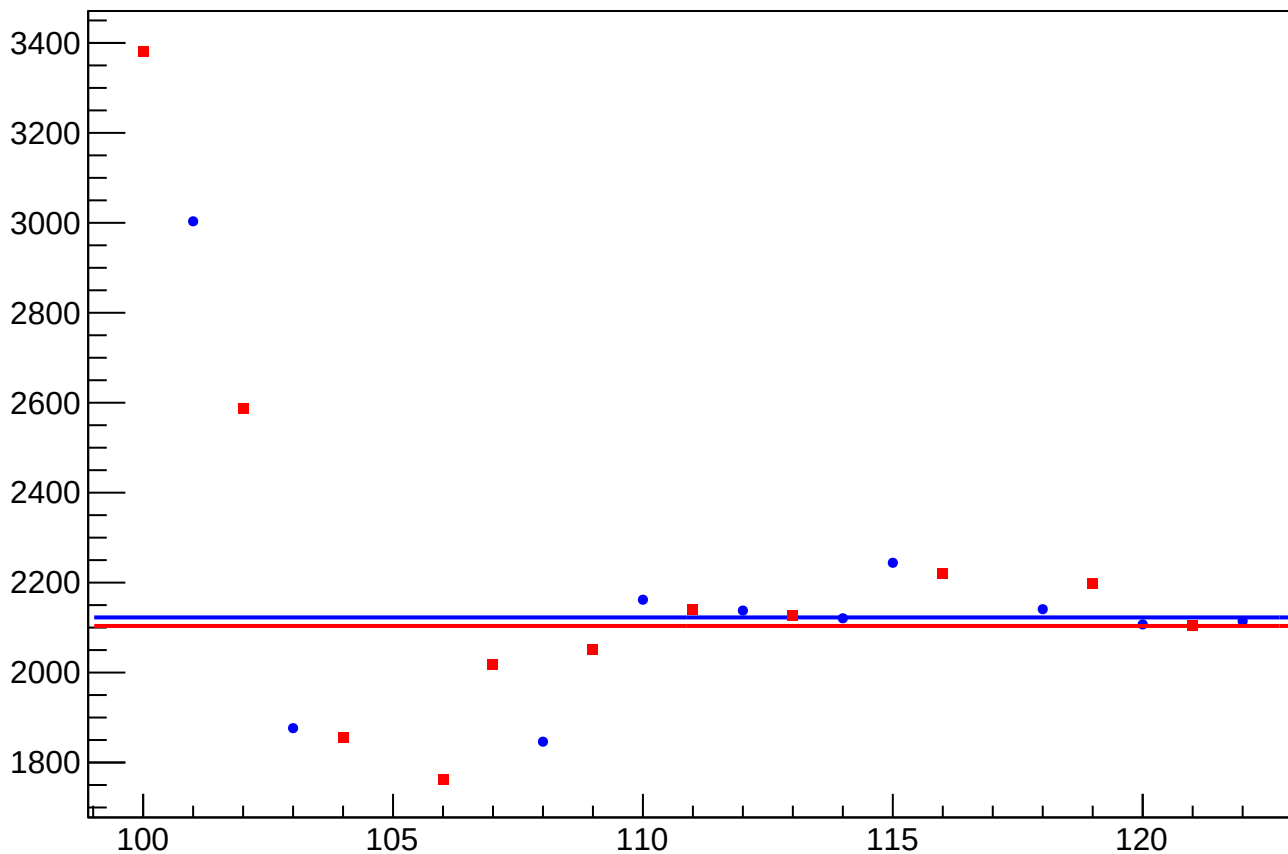
Right: 4612.820+/-729.962 χ^2/NDF : 6.9/20

In: 5514.249+/-1060.503 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4612.820+/-729.962 χ^2/NDF : 6.9/20

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.607 $\pm$ 0.750 χ^2 /NDF: 151662.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2103.601 $\pm$ 0.706 χ^2 /NDF: 102715.3/10

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

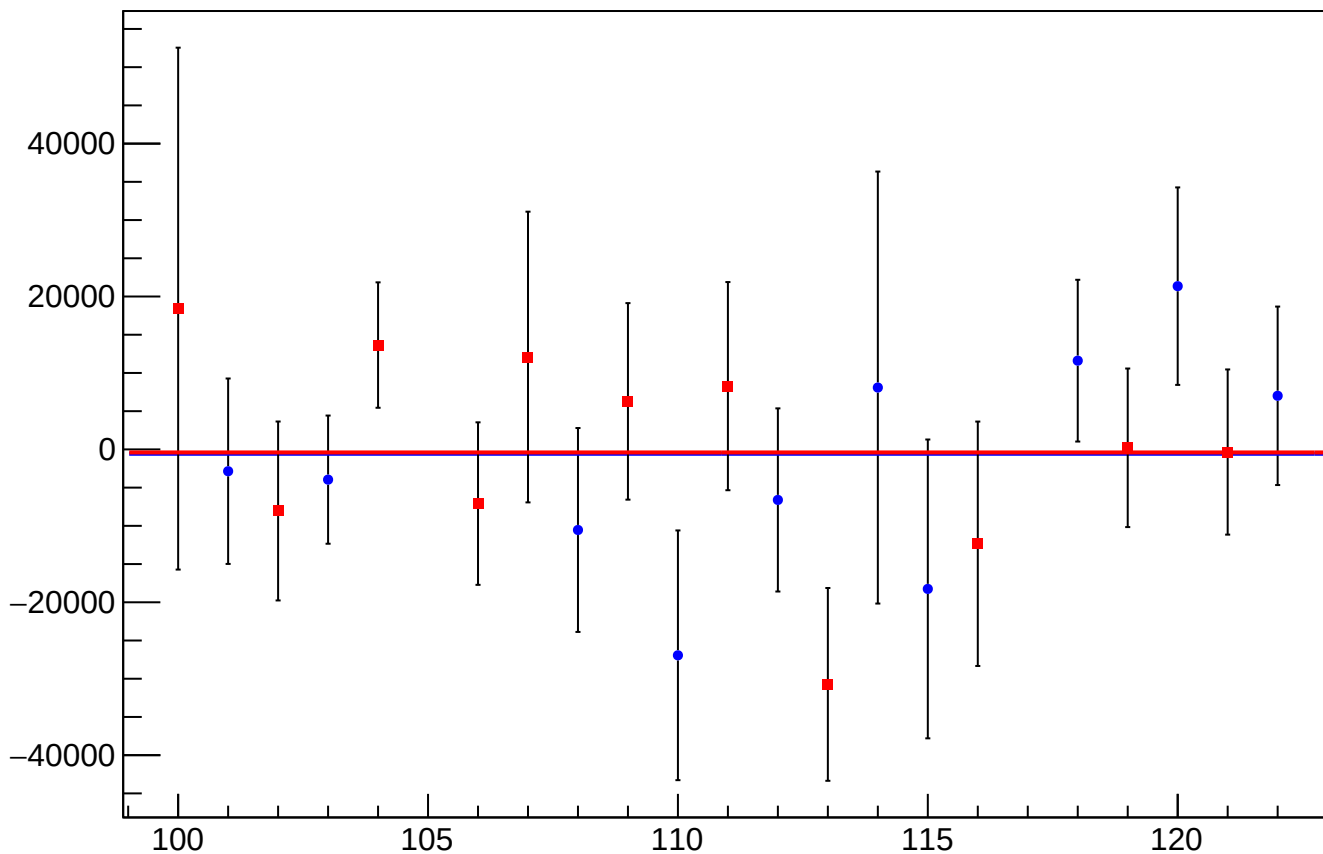
Right: 2112.533 $\pm$ 0.514 χ^2 /NDF: 254717.8/20

In: 2122.607 $\pm$ 0.750 χ^2 /NDF:151662.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2112.533 $\pm$ 0.514 χ^2 /NDF: 254717.8/20

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -574.739+/-3968.382 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -397.774+/-3672.461 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

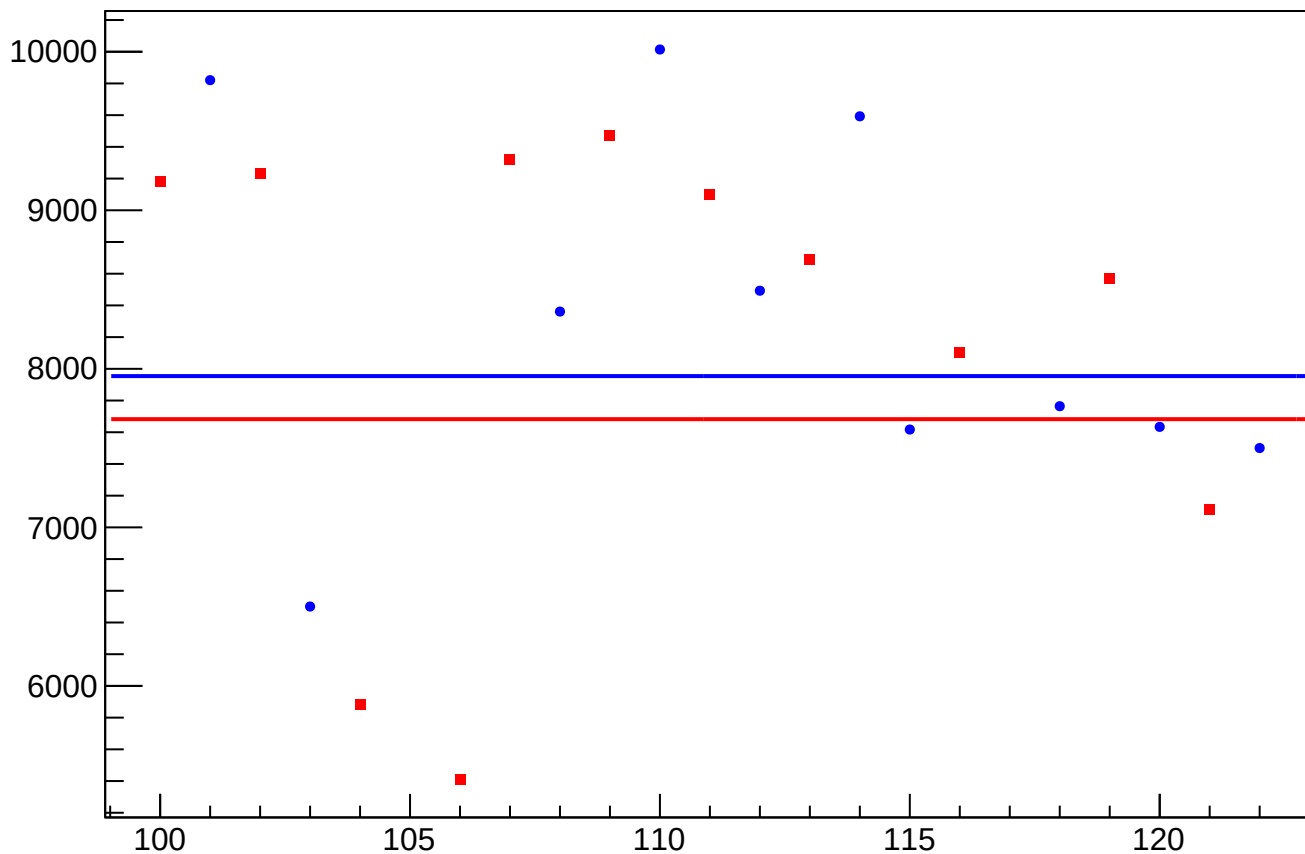
Right: -479.413+/-2695.374 χ^2/NDF : 20.7/20

In: -574.739+/-3968.382 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -479.413+/-2695.374 χ^2/NDF : 20.7/20

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7954.159+/-2.806 χ^2/NDF : 157413.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7682.521+/-2.597 χ^2/NDF : 336420.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

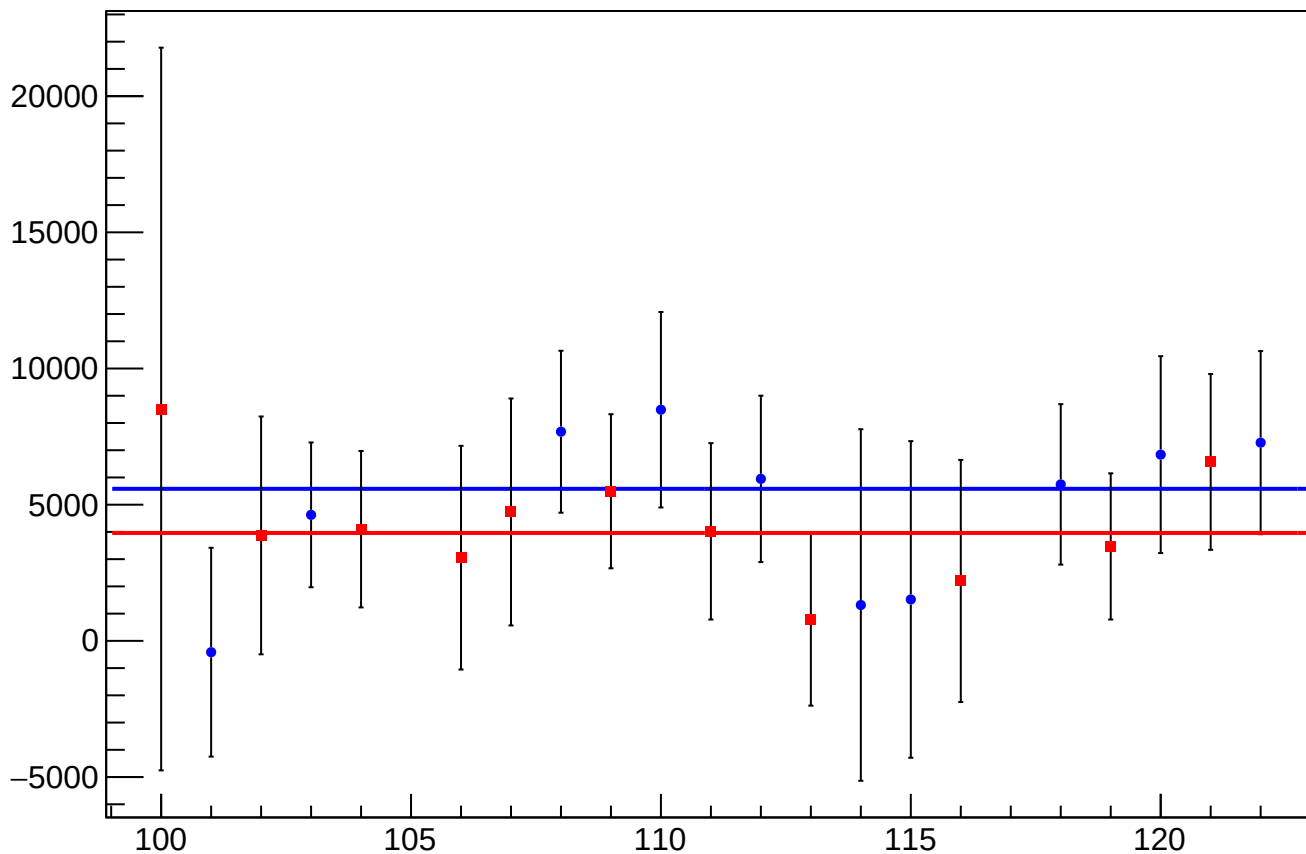
Right: 7807.836+/-1.906 χ^2/NDF : 498880.8/20

In: 7954.159+/-2.806 χ^2/NDF : 157413.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7807.836+/-1.906 χ^2/NDF : 498880.8/20

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5583.335+/-1090.185 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3961.694+/-1052.882 χ^2/NDF : 2.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

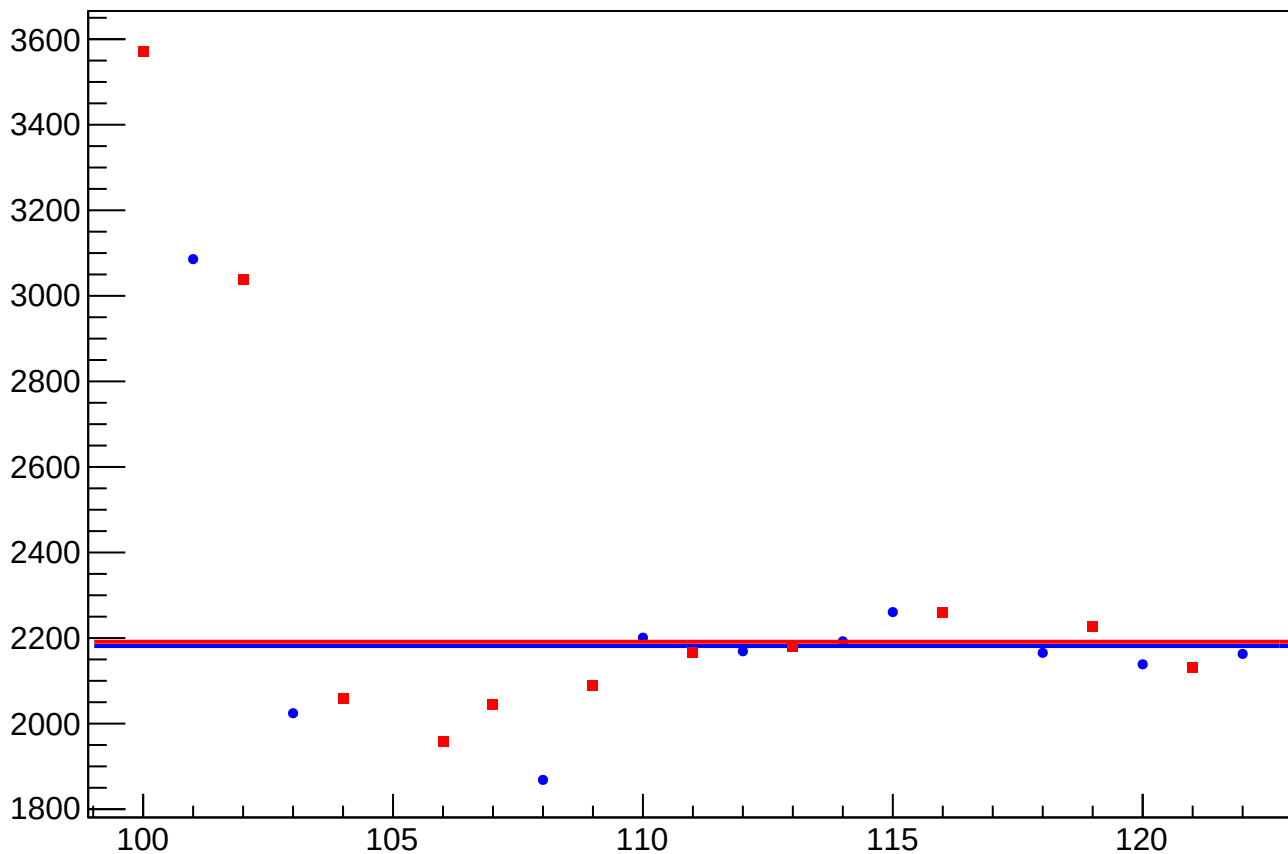
Right: 4744.296+/-757.345 χ^2/NDF : 8.5/20

In: 5583.335+/-1090.185 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4744.296+/-757.345 χ^2/NDF : 8.5/20

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2181.327+/-0.771 χ^2/NDF : 141333.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2191.336+/-0.744 χ^2/NDF : 114689.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

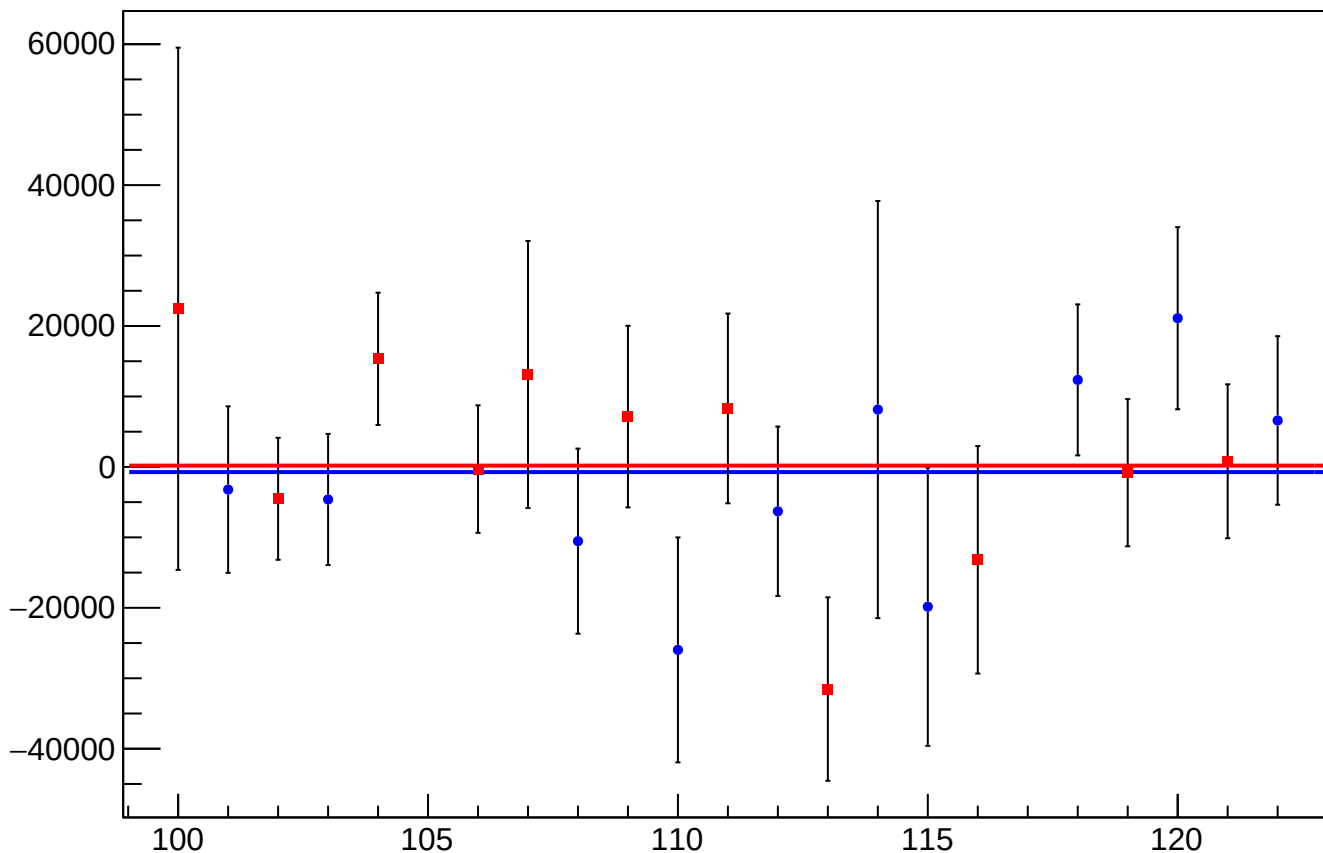
Right: 2186.511+/-0.535 χ^2/NDF : 256109.9/20

In: 2181.327+/-0.771 χ^2/NDF :141333.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2186.511+/-0.535 χ^2/NDF : 256109.9/20

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -734.098+/-4058.260 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.379+/-3552.694 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

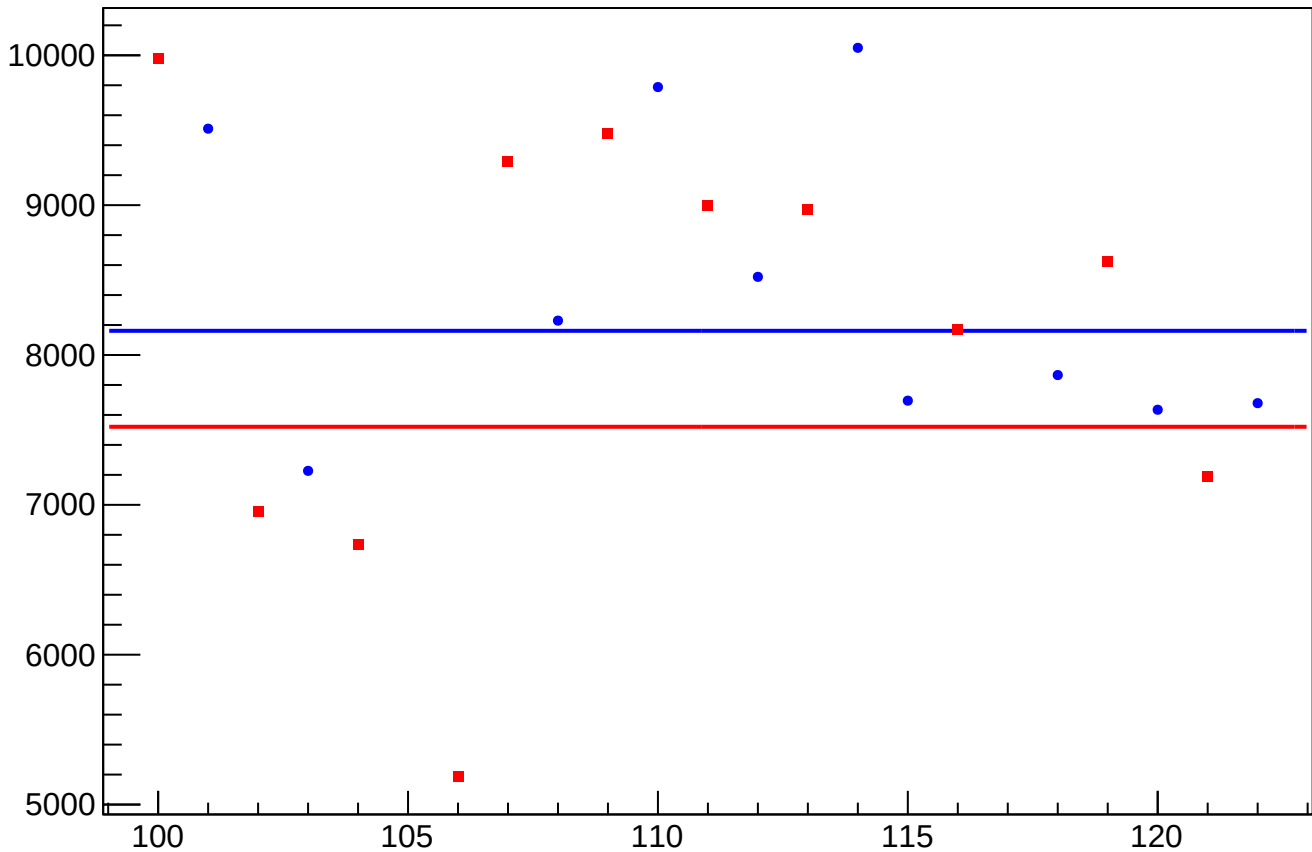
Right: -215.249+/-2673.115 χ^2/NDF : 20.3/20

In: -734.098+/-4058.260 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.249+/-2673.115 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8161.383+/-2.870 χ^2/NDF : 86169.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7521.021+/-2.512 χ^2/NDF : 304373.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

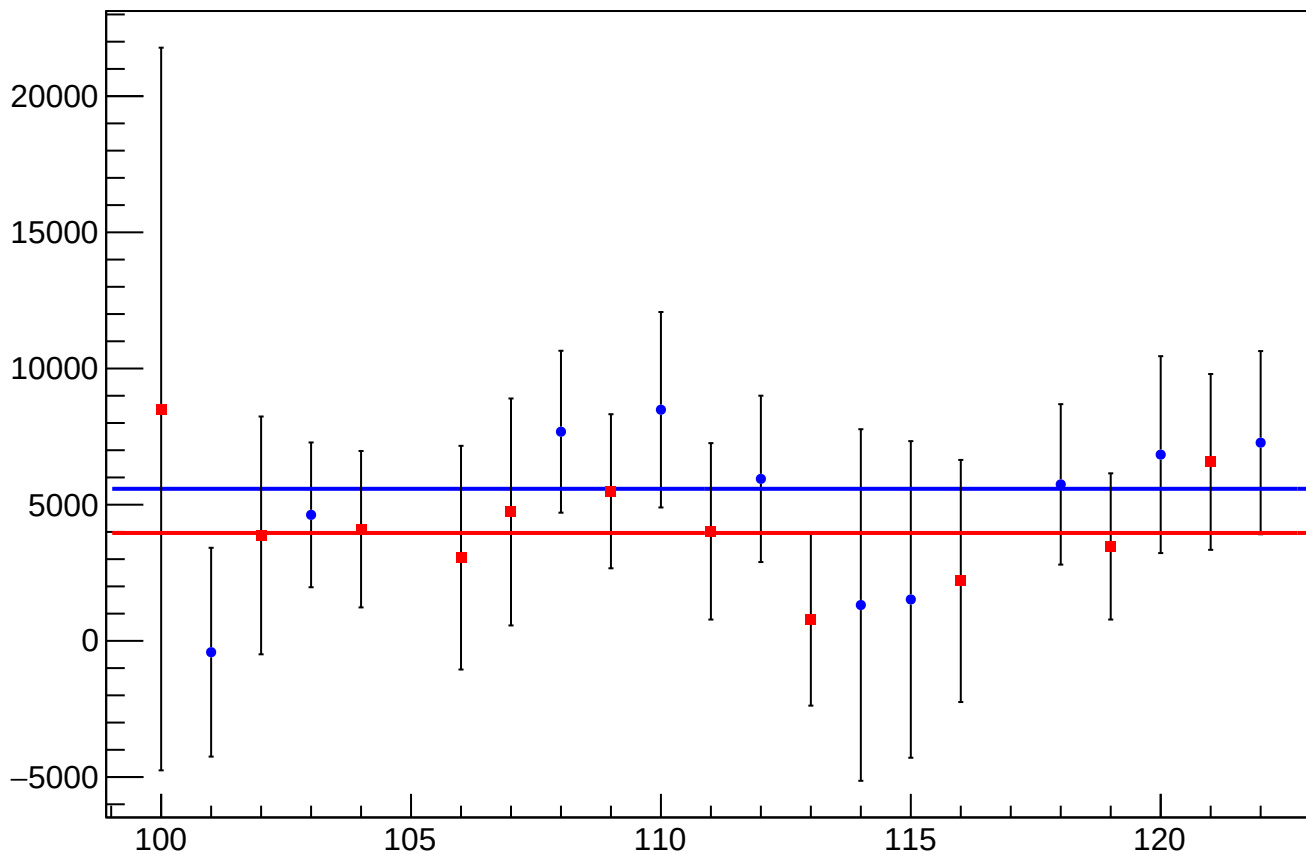
Right: 7798.852+/-1.890 χ^2/NDF : 418734.4/20

In: 8161.383+/-2.870 χ^2/NDF : 86169.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7798.852+/-1.890 χ^2/NDF : 418734.4/20

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5583.325+/-1090.185 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3961.703+/-1052.882 χ^2/NDF : 2.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

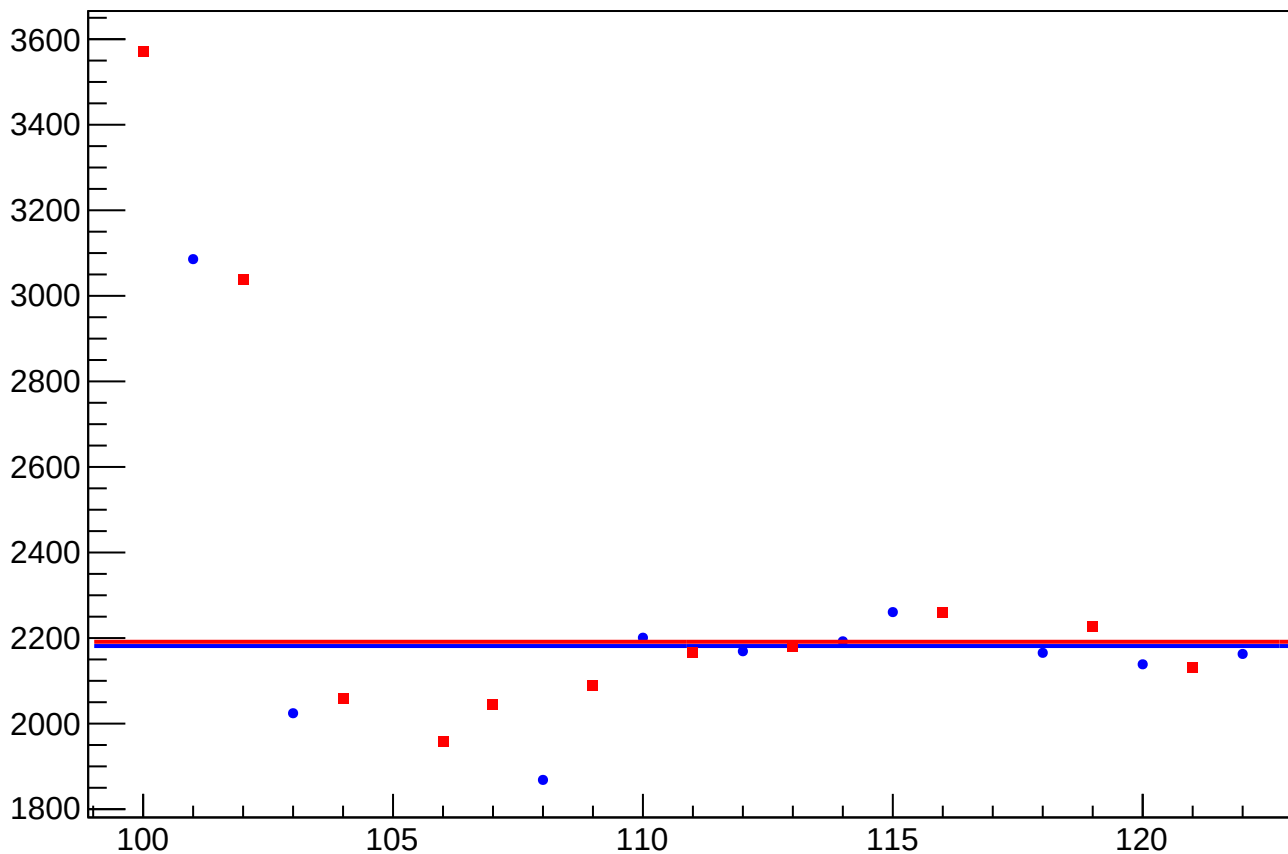
Right: 4744.296+/-757.344 χ^2/NDF : 8.5/20

In: 5583.325+/-1090.185 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4744.296+/-757.344 χ^2/NDF : 8.5/20

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2181.327+/-0.771 χ^2/NDF : 141333.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2191.335+/-0.744 χ^2/NDF : 114689.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

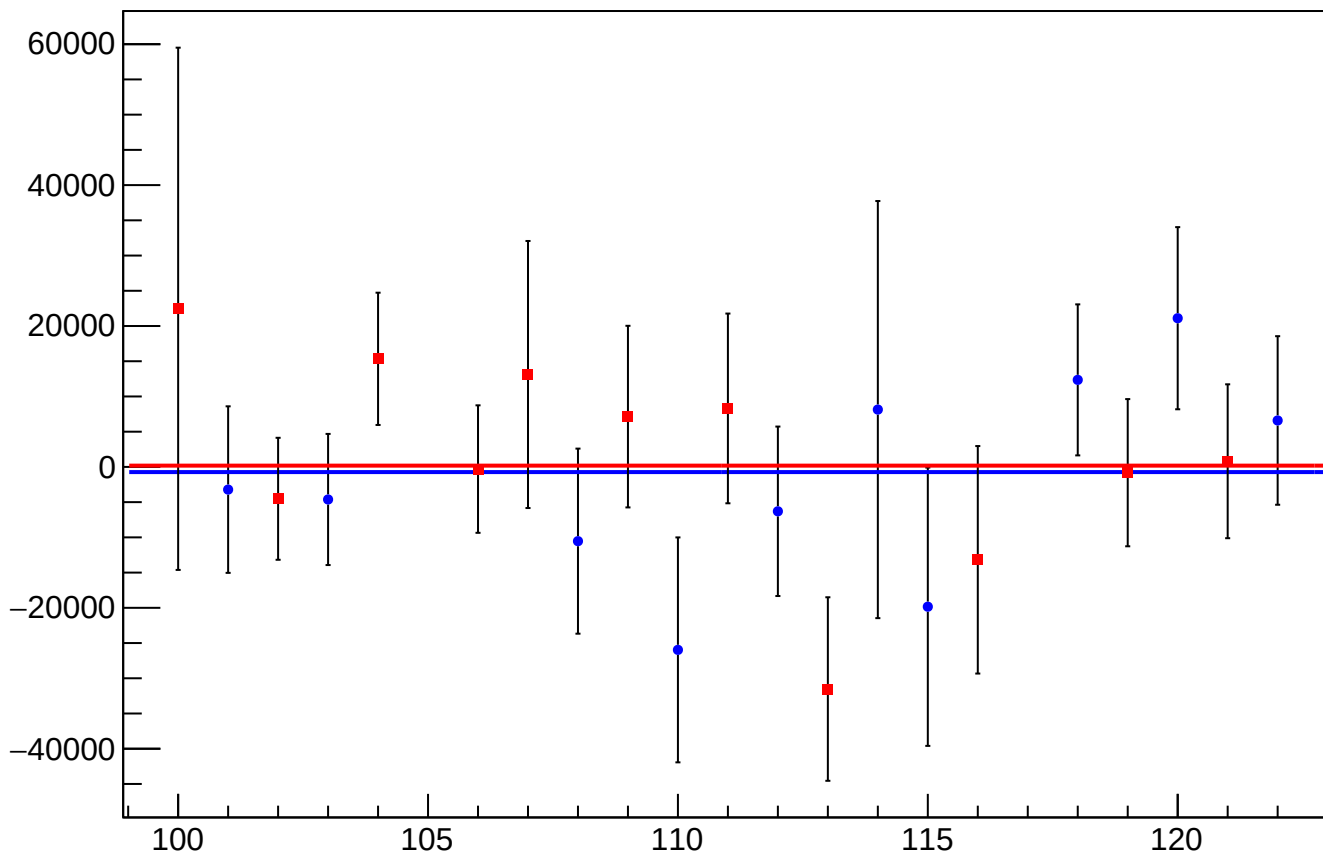
Right: 2186.510+/-0.535 χ^2/NDF : 256109.7/20

In: 2181.327+/-0.771 χ^2/NDF :141333.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2186.510+/-0.535 χ^2/NDF : 256109.7/20

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -734.081+/-4058.248 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 182.381+/-3552.686 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

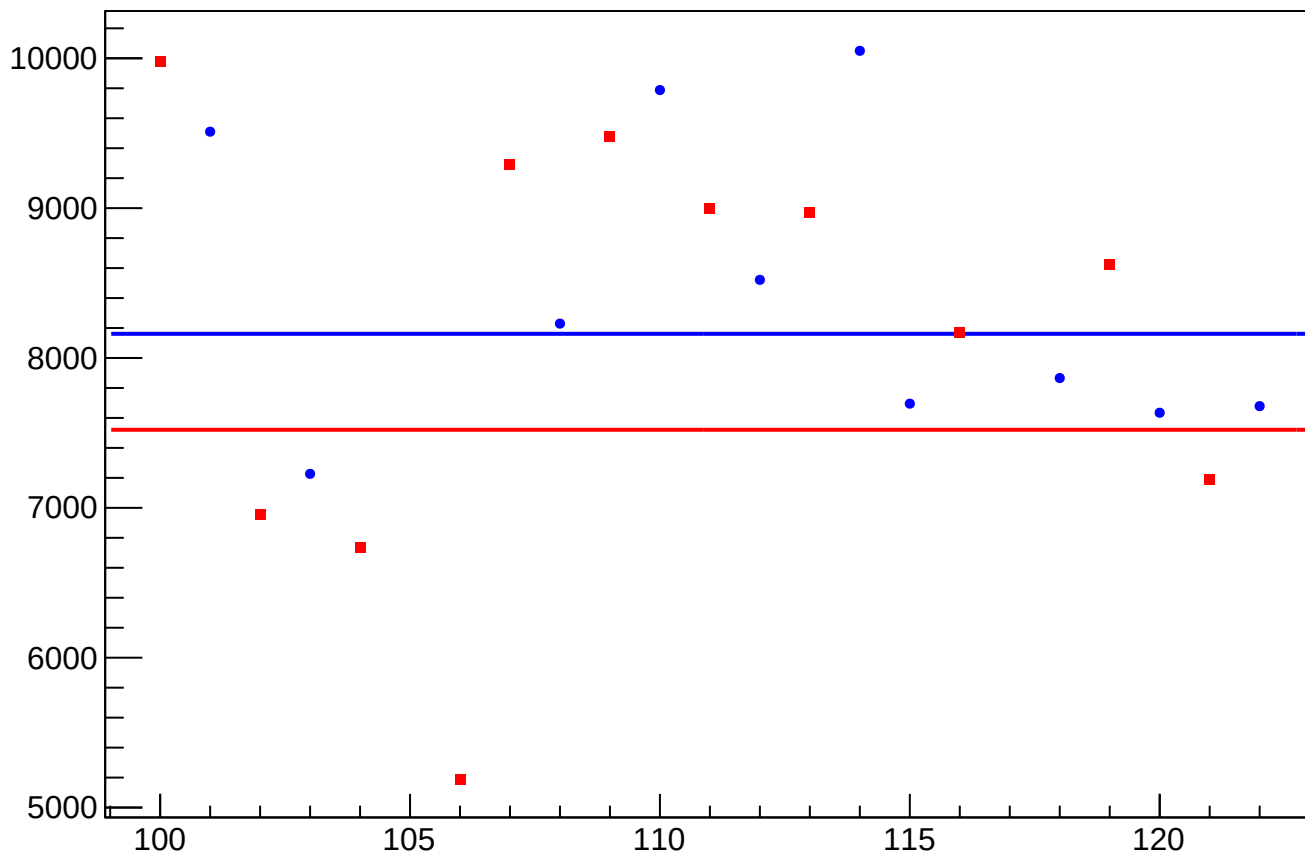
Right: -215.241+/-2673.108 χ^2/NDF : 20.3/20

In: -734.081+/-4058.248 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -215.241+/-2673.108 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8161.359+/-2.870 χ^2/NDF : 86170.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7521.004+/-2.512 χ^2/NDF : 304371.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

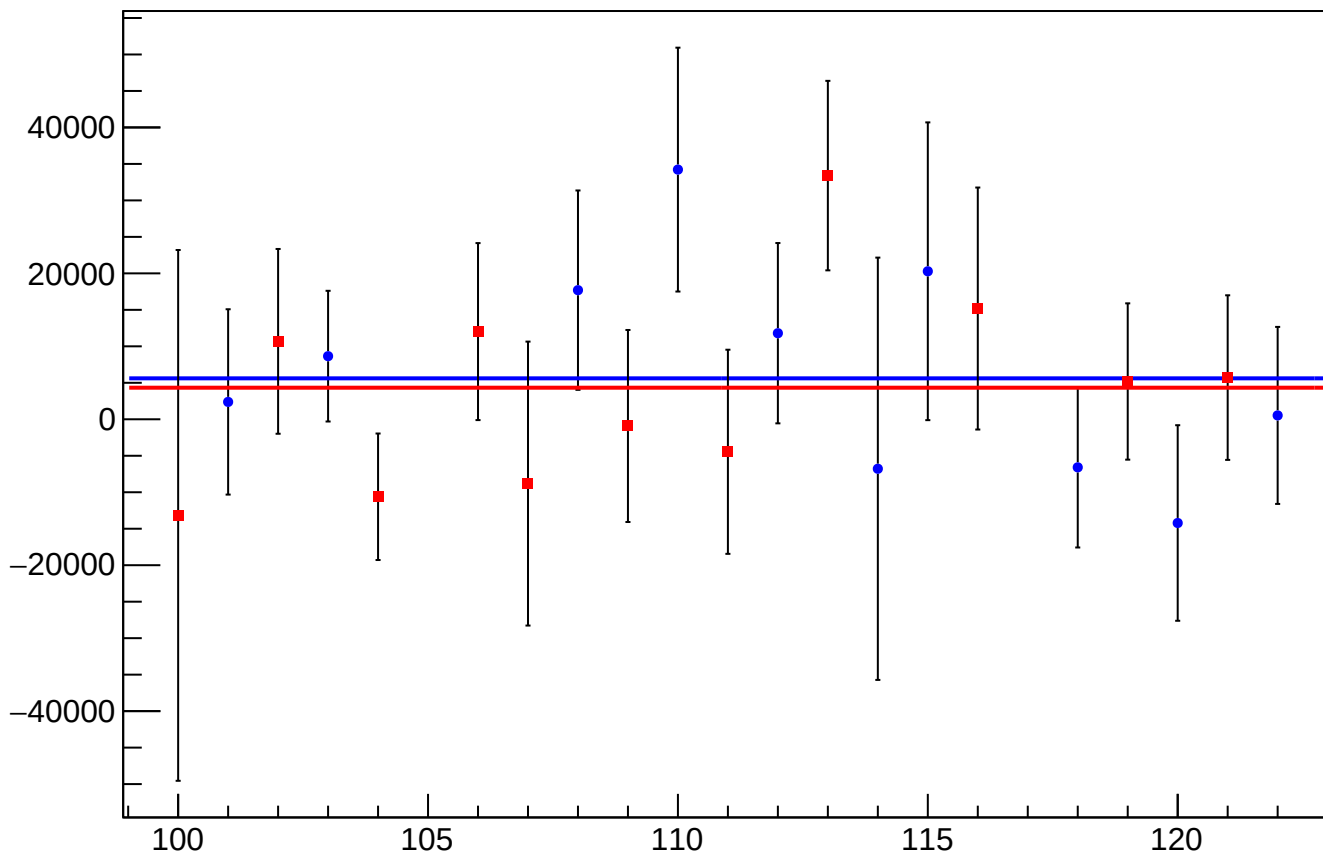
Right: 7798.832+/-1.890 χ^2/NDF : 418732.4/20

In: 8161.359+/-2.870 χ^2/NDF : 86170.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7798.832+/-1.890 χ^2/NDF : 418732.4/20

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5612.315+/-4138.193 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4328.316+/-3870.205 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

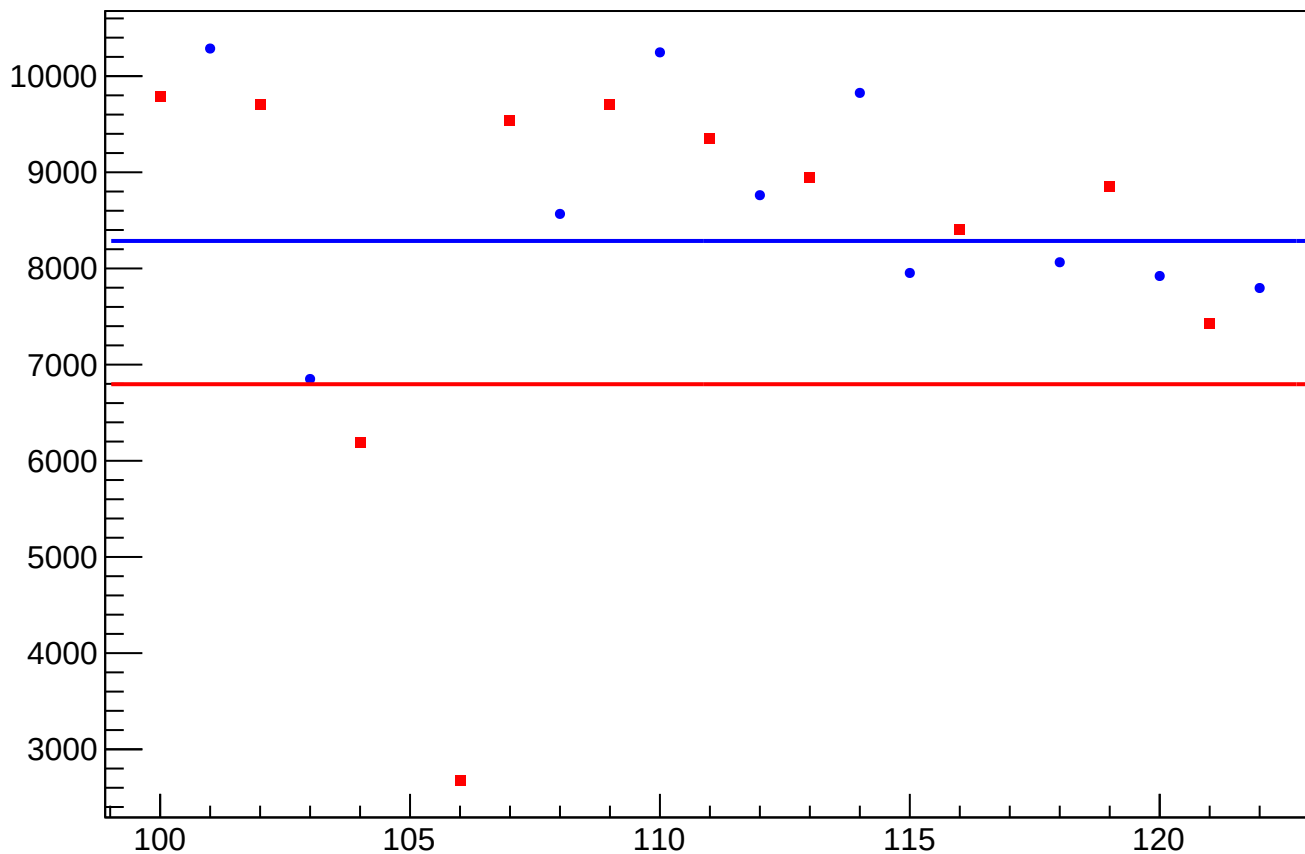
Right: 4927.397+/-2826.643 χ^2/NDF : 18.8/20

In: 5612.315+/-4138.193 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4927.397+/-2826.643 χ^2/NDF : 18.8/20

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8286.042+/-2.926 χ^2/NDF : 144091.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6796.343+/-2.469 χ^2/NDF : 1235801.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

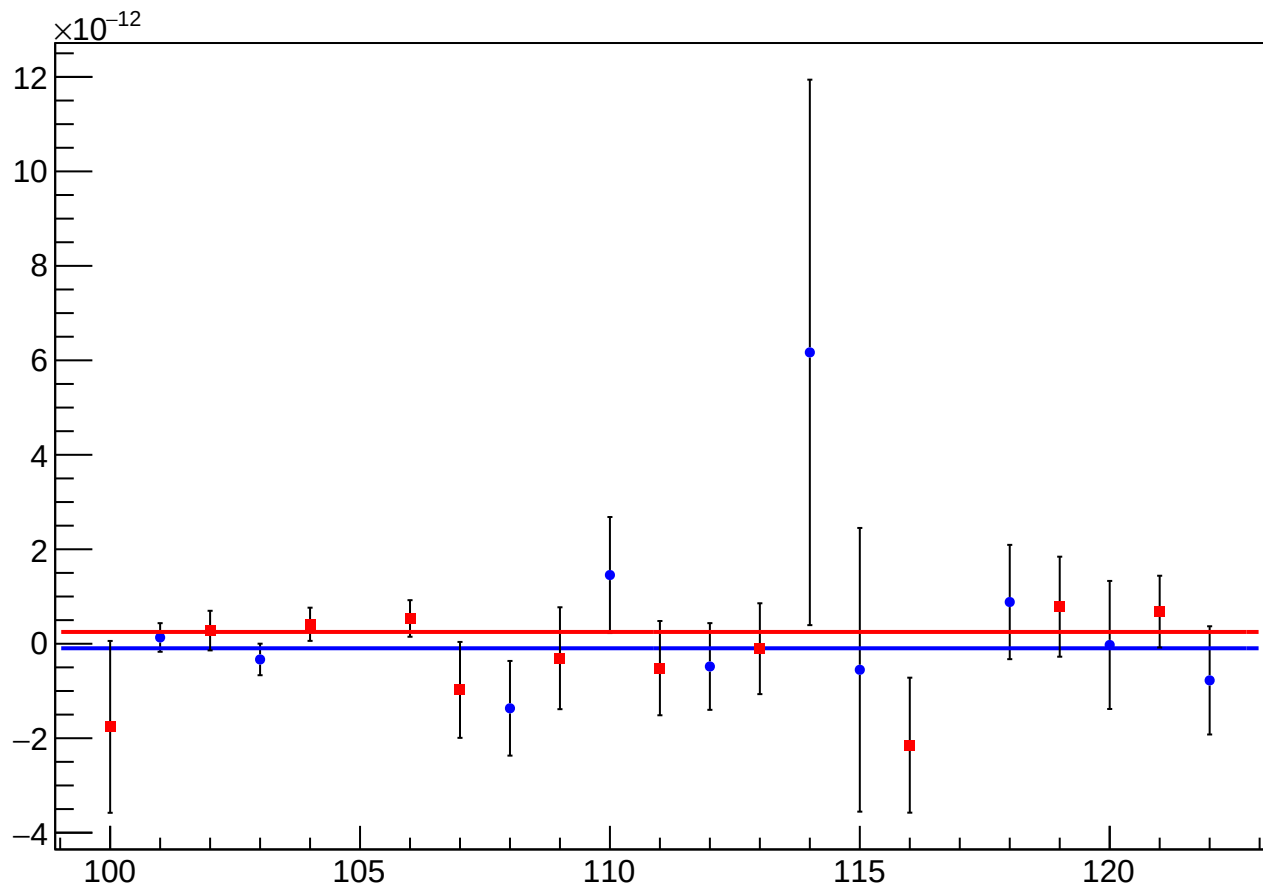
Right: 7415.808+/-1.887 χ^2/NDF : 1531304.8/20

In: 8286.042+/-2.926 χ^2/NDF : 144091.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7415.808+/-1.887 χ^2/NDF : 1531304.8/20

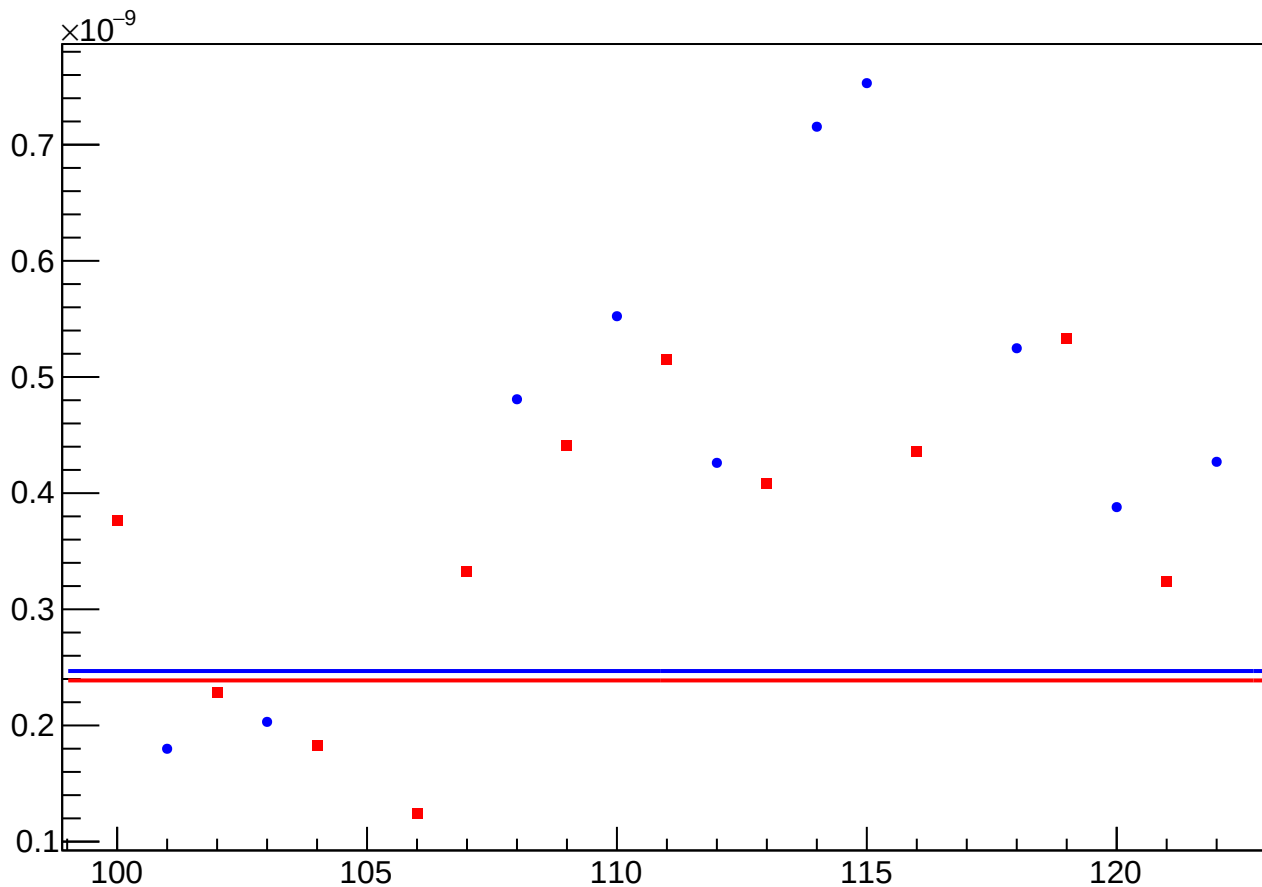
asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 6.7/9
 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 : 16.1/20
 In: -0.000 ± 0.000 χ^2/NDF : 6.7/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 0.000 ± 0.000 χ^2/NDF : 16.1/20

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 687690.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 759140.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

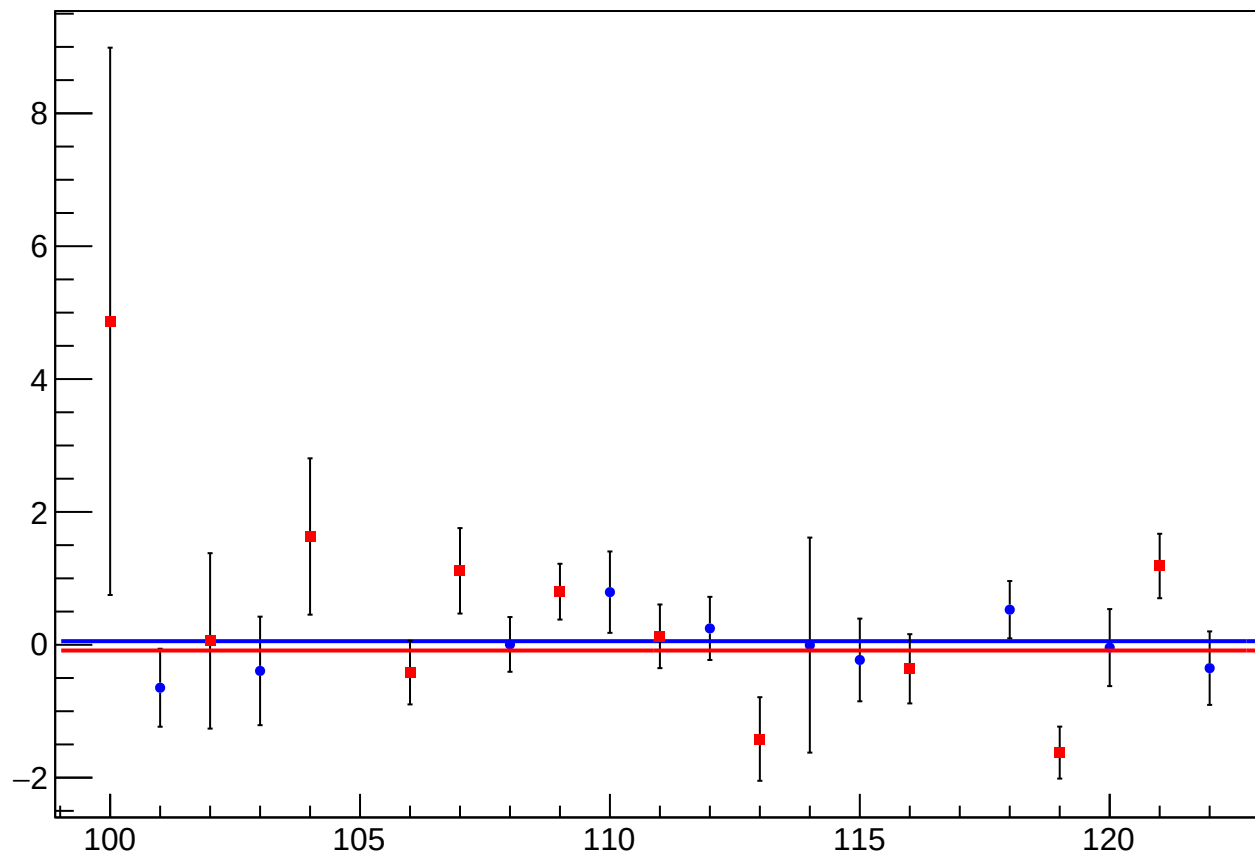
Right: 0.000+/-0.000 χ^2/NDF : 1448552.6/20

In: 0.000+/-0.000 χ^2/NDF : 687690.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1448552.6/20

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.169 χ^2/NDF : 39.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

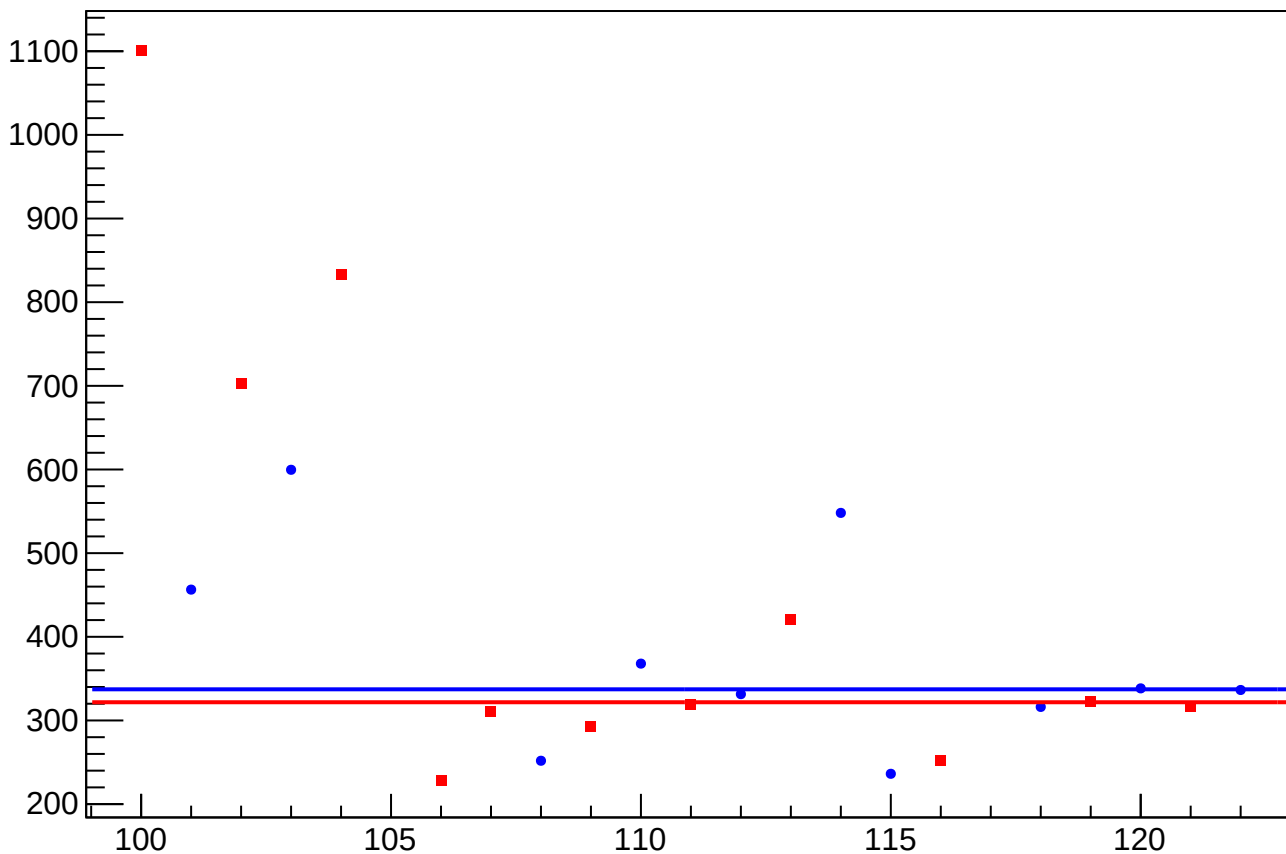
Right: -0.019+/-0.122 χ^2/NDF : 44.9/20

In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.122 χ^2/NDF : 44.9/20

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.234+/-0.125 χ^2/NDF : 471617.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.775+/-0.119 χ^2/NDF : 787552.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

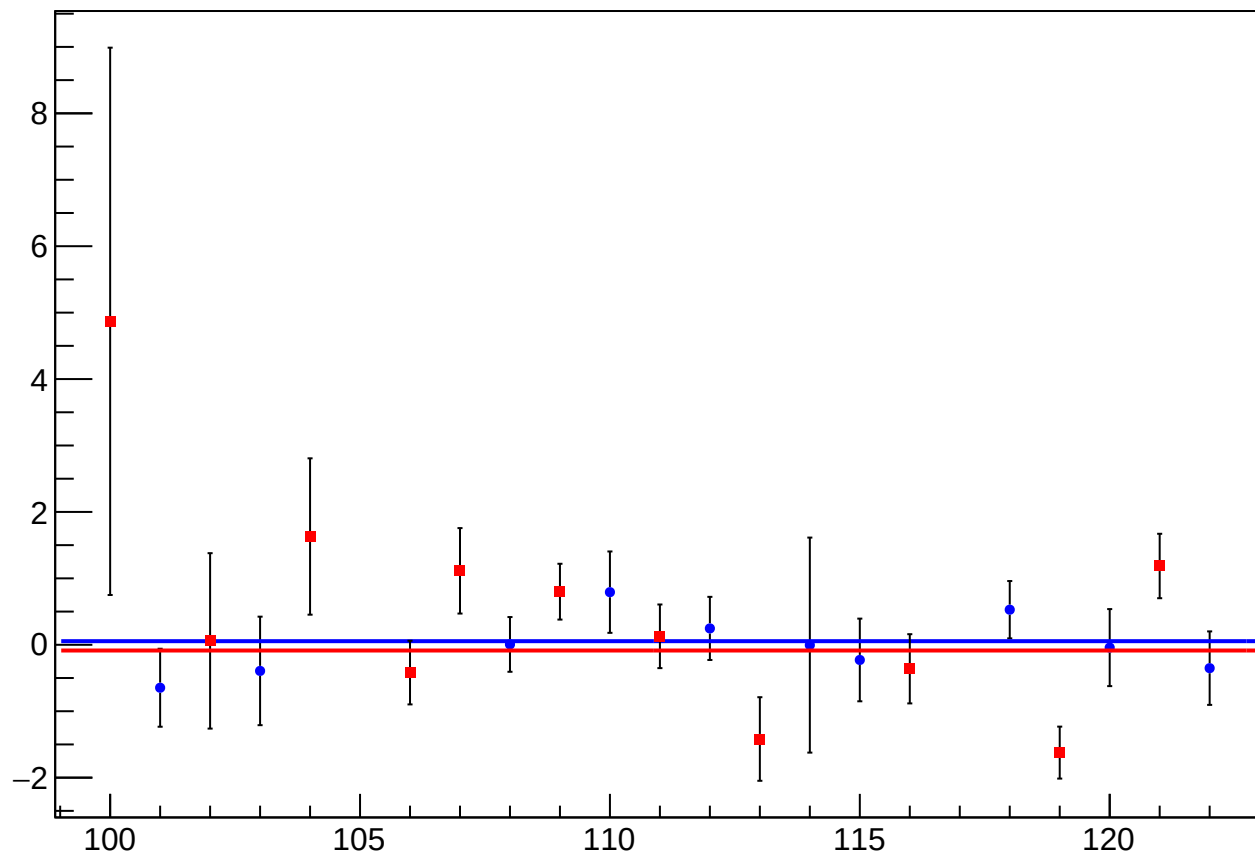
Right: 329.137+/-0.086 χ^2/NDF : 1267172.0/20

In: 337.234+/-0.125 χ^2/NDF : 471617.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.137+/-0.086 χ^2/NDF : 1267172.0/20

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.169 χ^2/NDF : 39.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

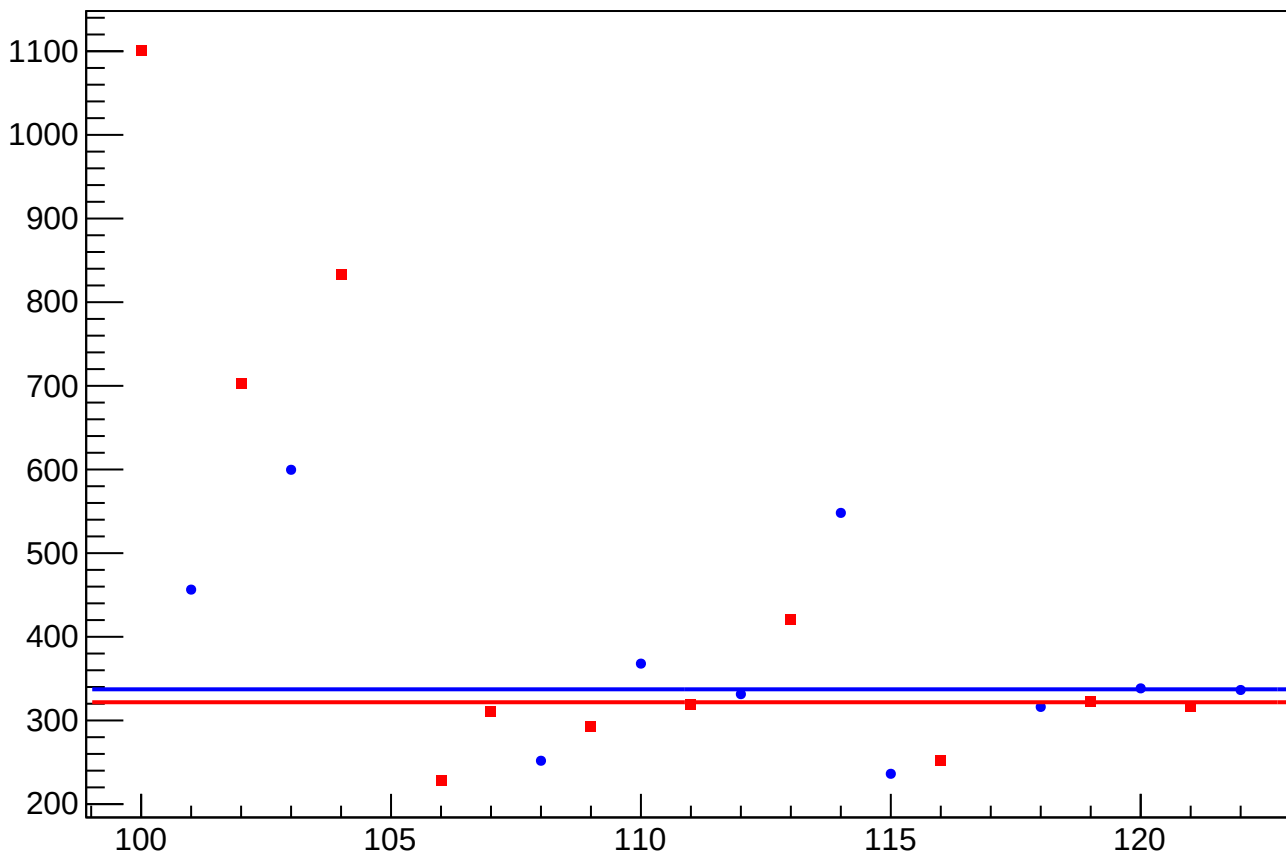
Right: -0.019+/-0.122 χ^2/NDF : 44.9/20

In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.122 χ^2/NDF : 44.9/20

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.234+/-0.125 χ^2/NDF : 471617.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.775+/-0.119 χ^2/NDF : 787552.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

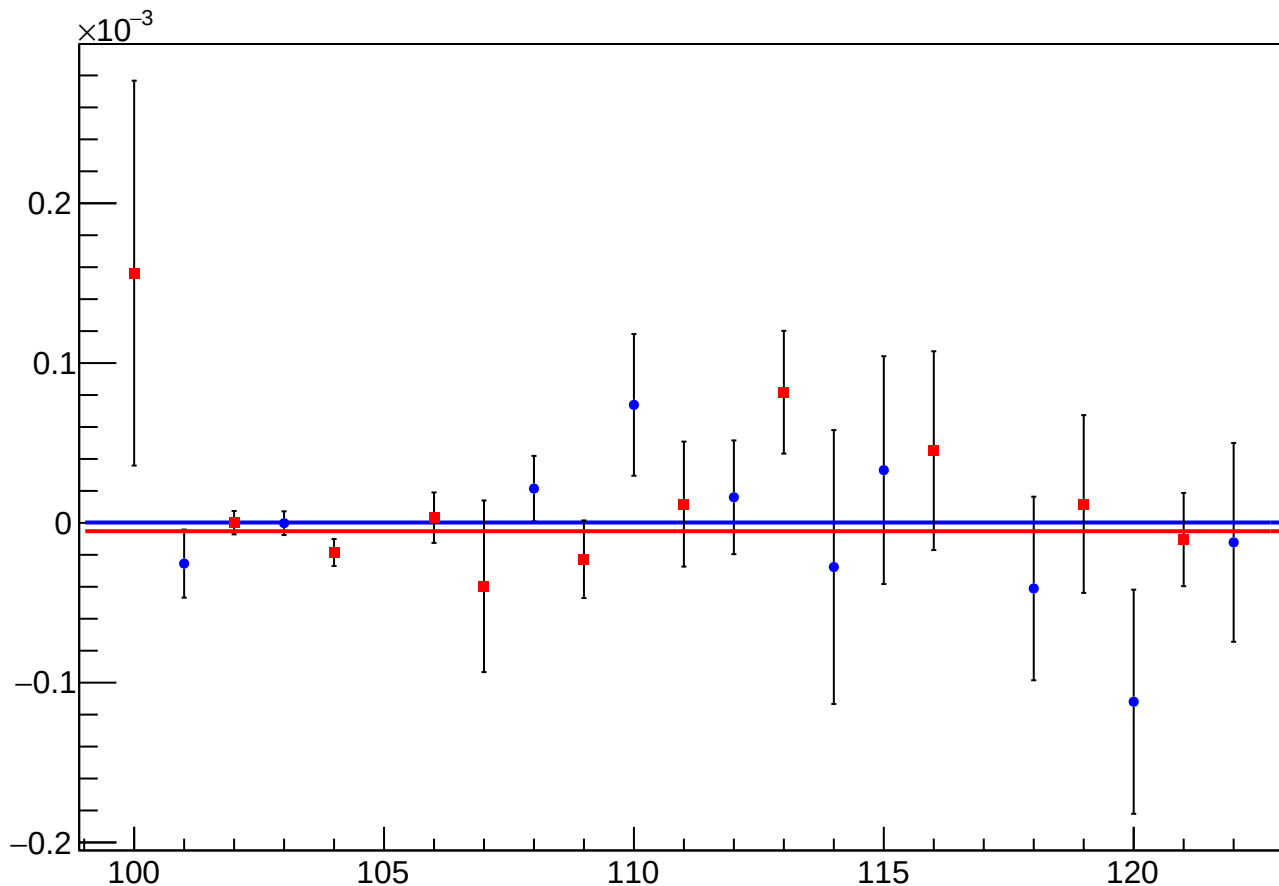
Right: 329.137+/-0.086 χ^2/NDF : 1267172.0/20

In: 337.234+/-0.125 χ^2/NDF : 471617.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.137+/-0.086 χ^2/NDF : 1267172.0/20

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: 8.9/9

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

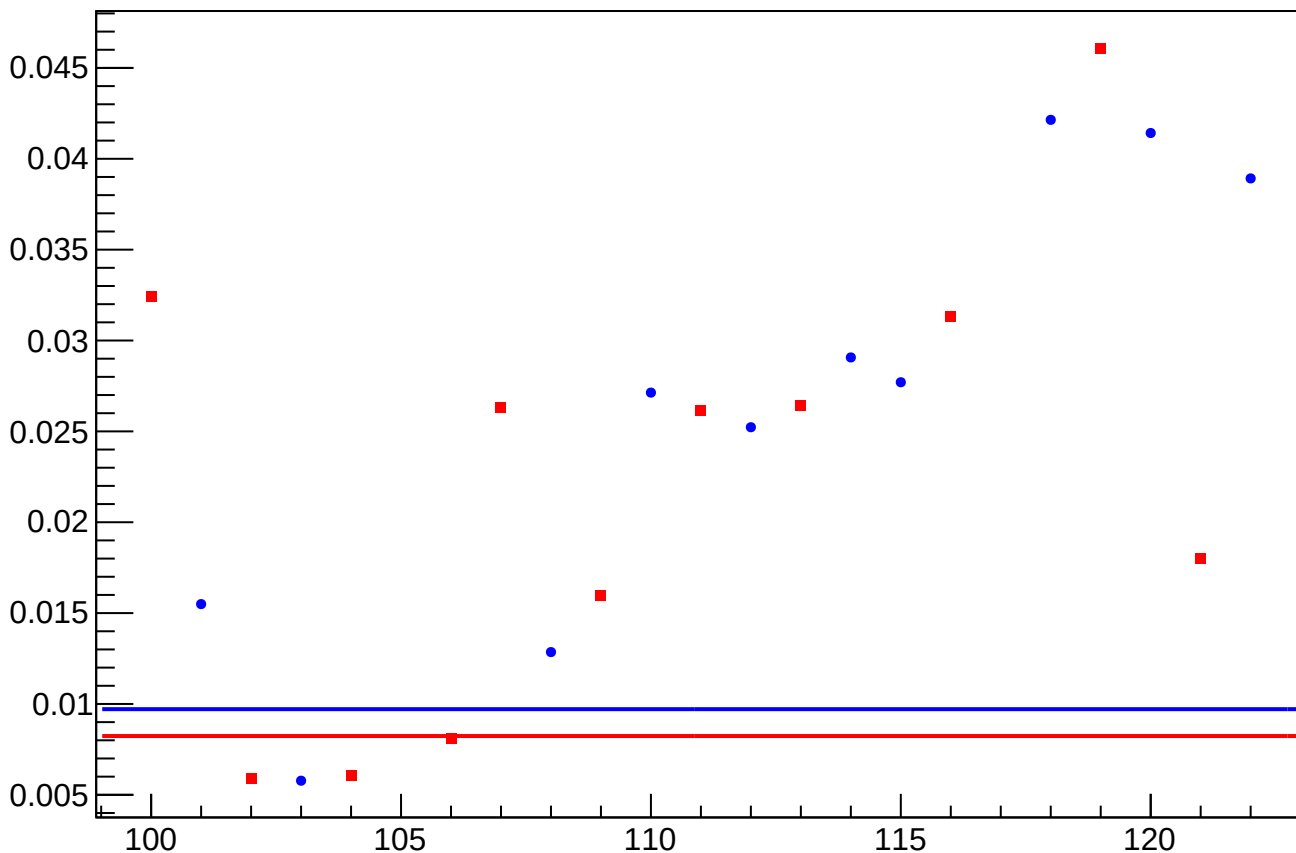
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/20

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3161115.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3139556.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

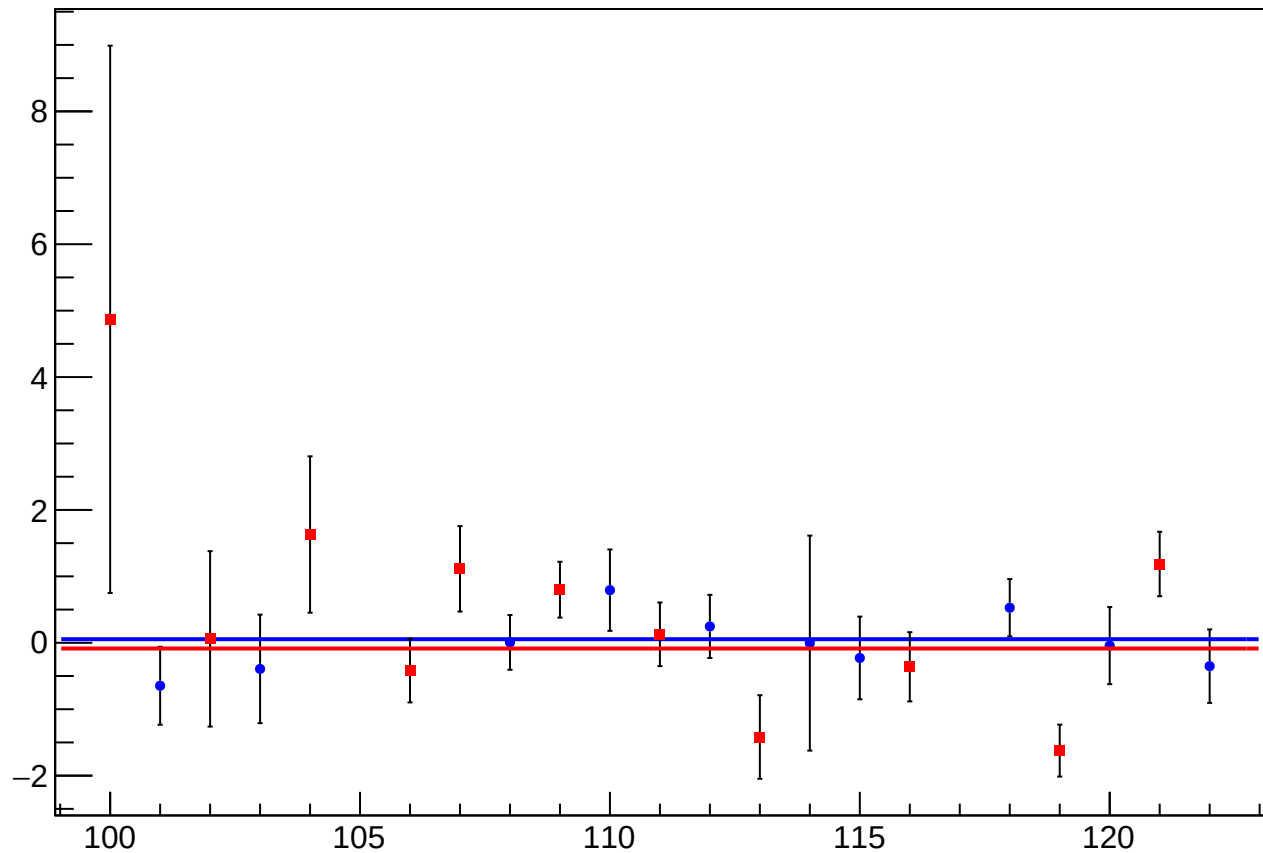
Right: 0.009+/-0.000 χ^2/NDF : 6369296.1/20

In: 0.010+/-0.000 χ^2/NDF :3161115.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 6369296.1/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.169 χ^2/NDF : 39.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

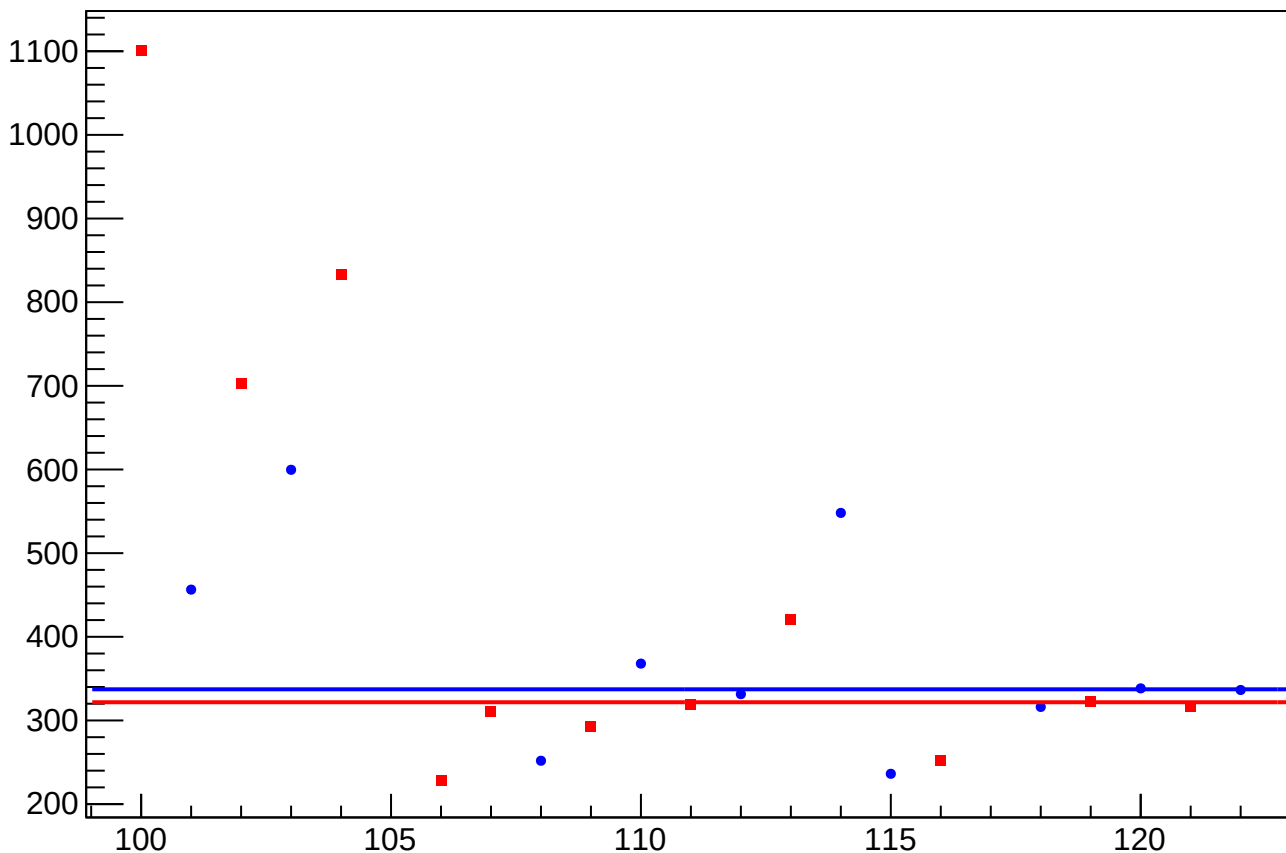
Right: -0.019+/-0.122 χ^2/NDF : 44.9/20

In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.122 χ^2/NDF : 44.9/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.234+/-0.125 χ^2/NDF : 471598.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.775+/-0.119 χ^2/NDF : 787534.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

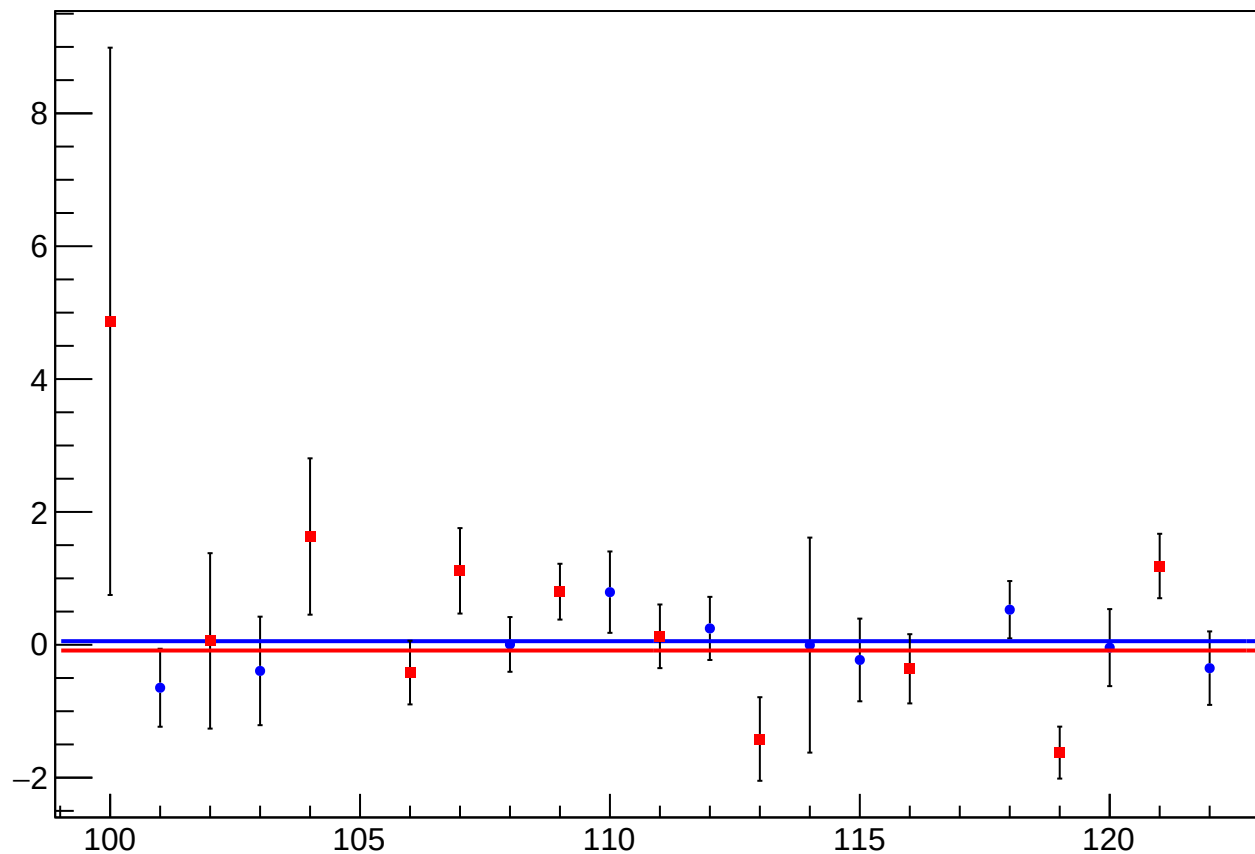
Right: 329.138+/-0.086 χ^2/NDF : 1267134.5/20

In: 337.234+/-0.125 χ^2/NDF : 471598.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.138+/-0.086 χ^2/NDF : 1267134.5/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.169 χ^2/NDF : 39.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

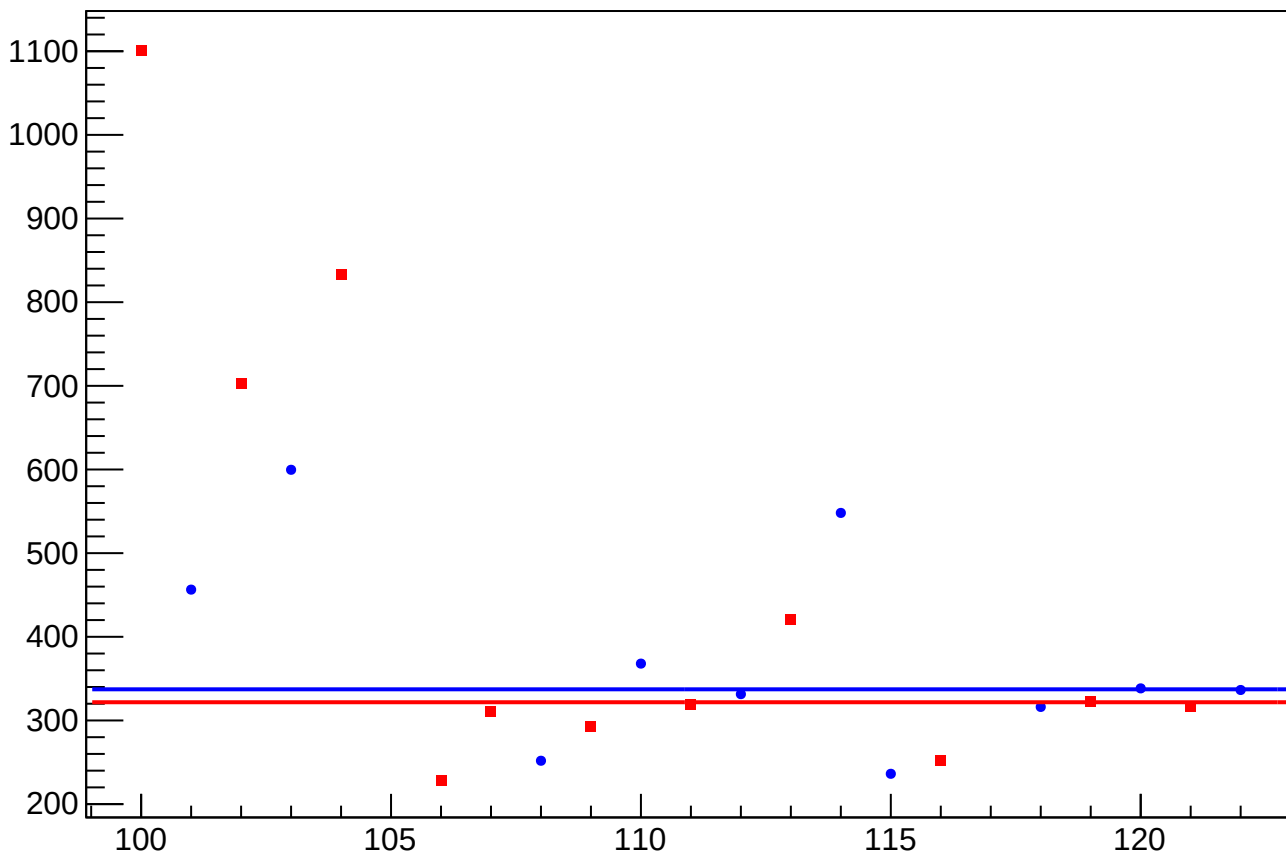
Right: -0.019+/-0.122 χ^2/NDF : 44.9/20

In: 0.054+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.122 χ^2/NDF : 44.9/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.234+/-0.125 χ^2/NDF : 471598.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.775+/-0.119 χ^2/NDF : 787534.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

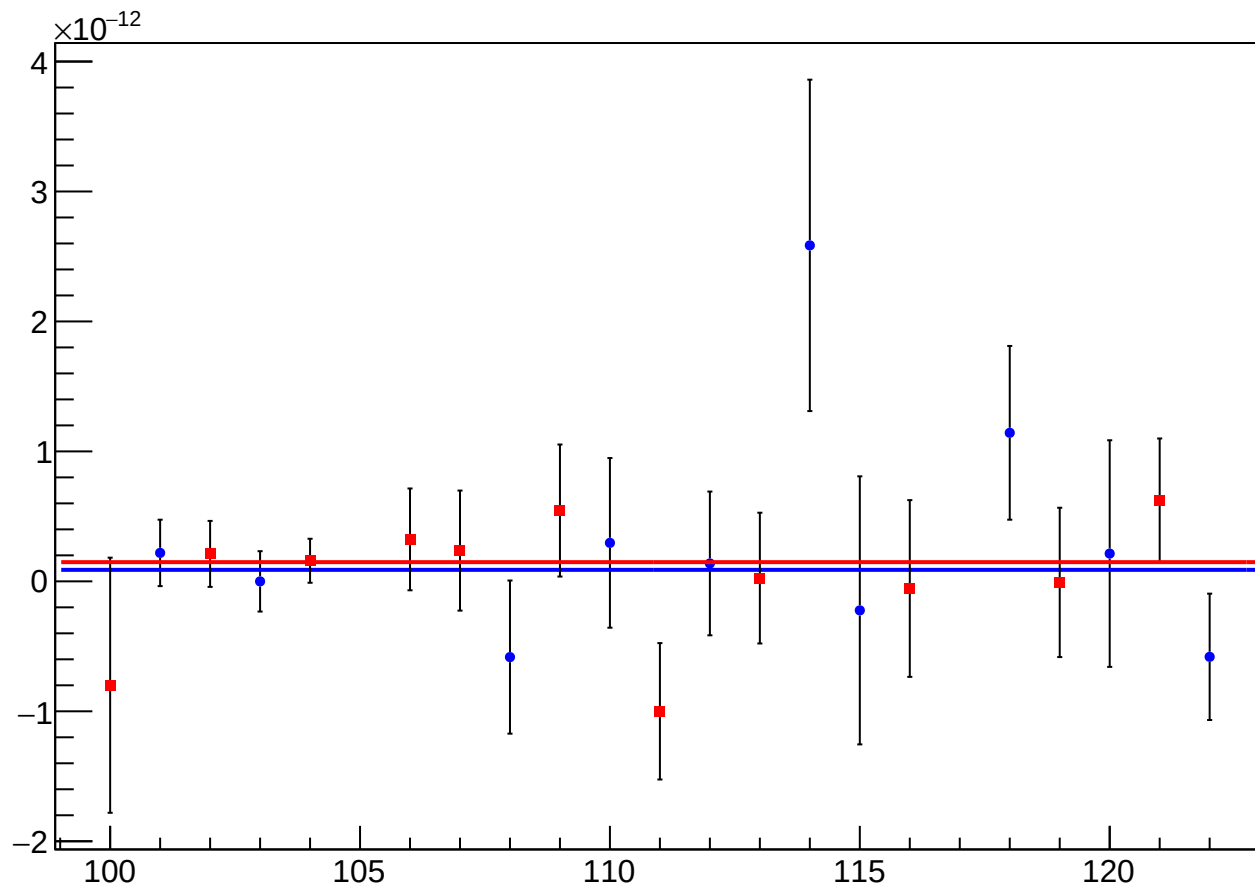
Right: 329.138+/-0.086 χ^2/NDF : 1267134.5/20

In: 337.234+/-0.125 χ^2/NDF : 471598.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.138+/-0.086 χ^2/NDF : 1267134.5/20

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.1/9

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

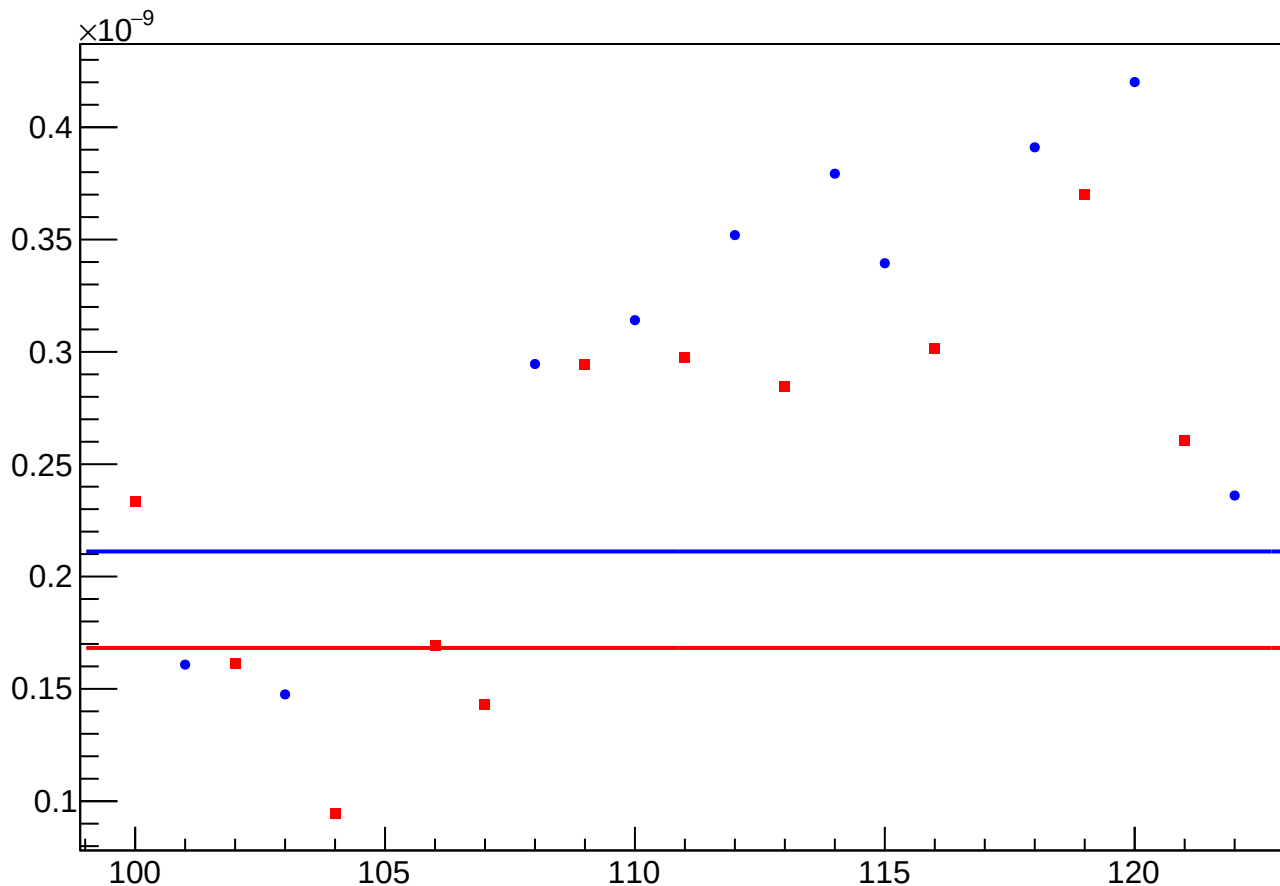
Right: 0.000+/-0.000 χ^2/NDF : 18.1/20

In: 0.000+/-0.000 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.1/20

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 : 777852.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1144939.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

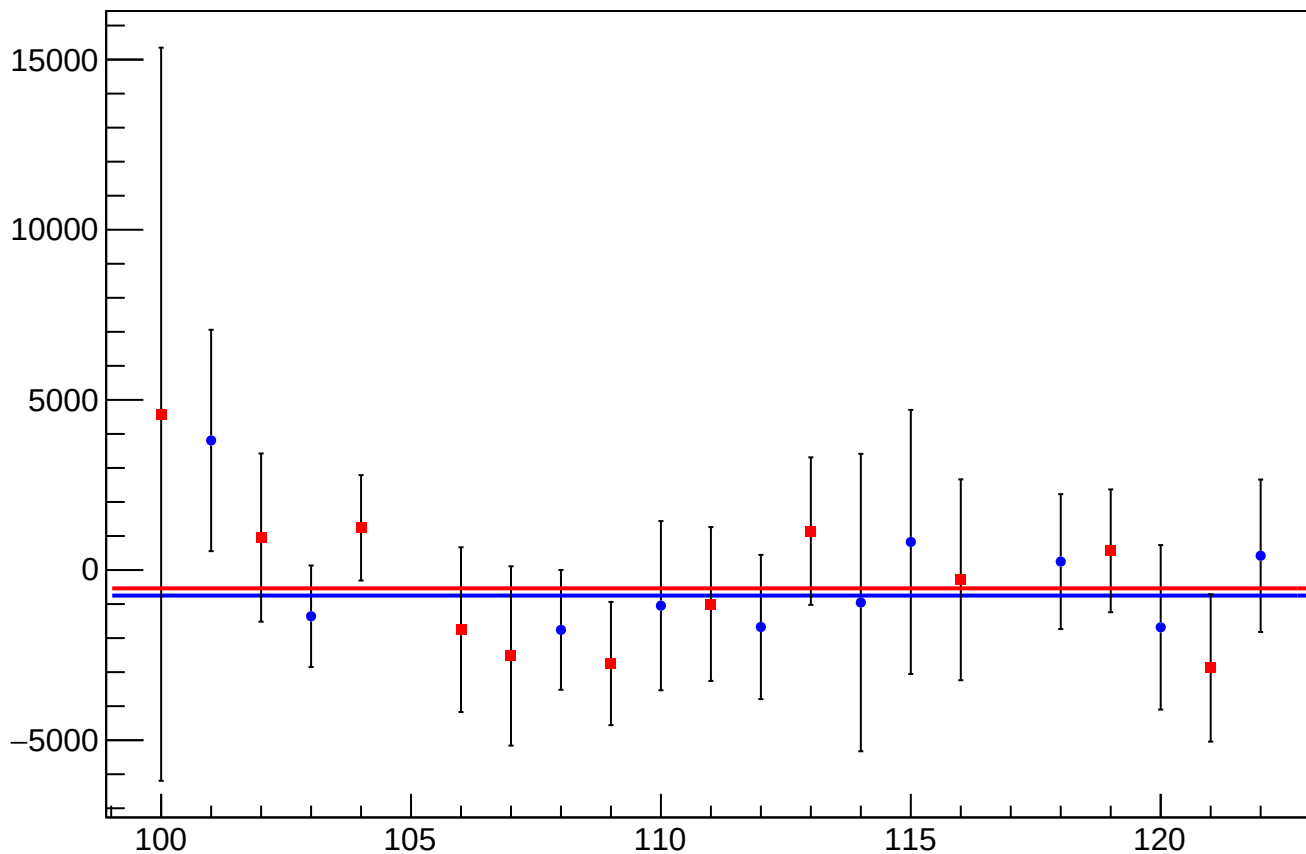
Right: 0.000+/-0.000 χ^2/NDF : 2040581.6/20

In: 0.000+/-0.000 χ^2/NDF : 777852.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2040581.6/20

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -750.105 $\pm$ 707.964 χ^2 /NDF: 3.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -537.585 $\pm$ 666.279 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

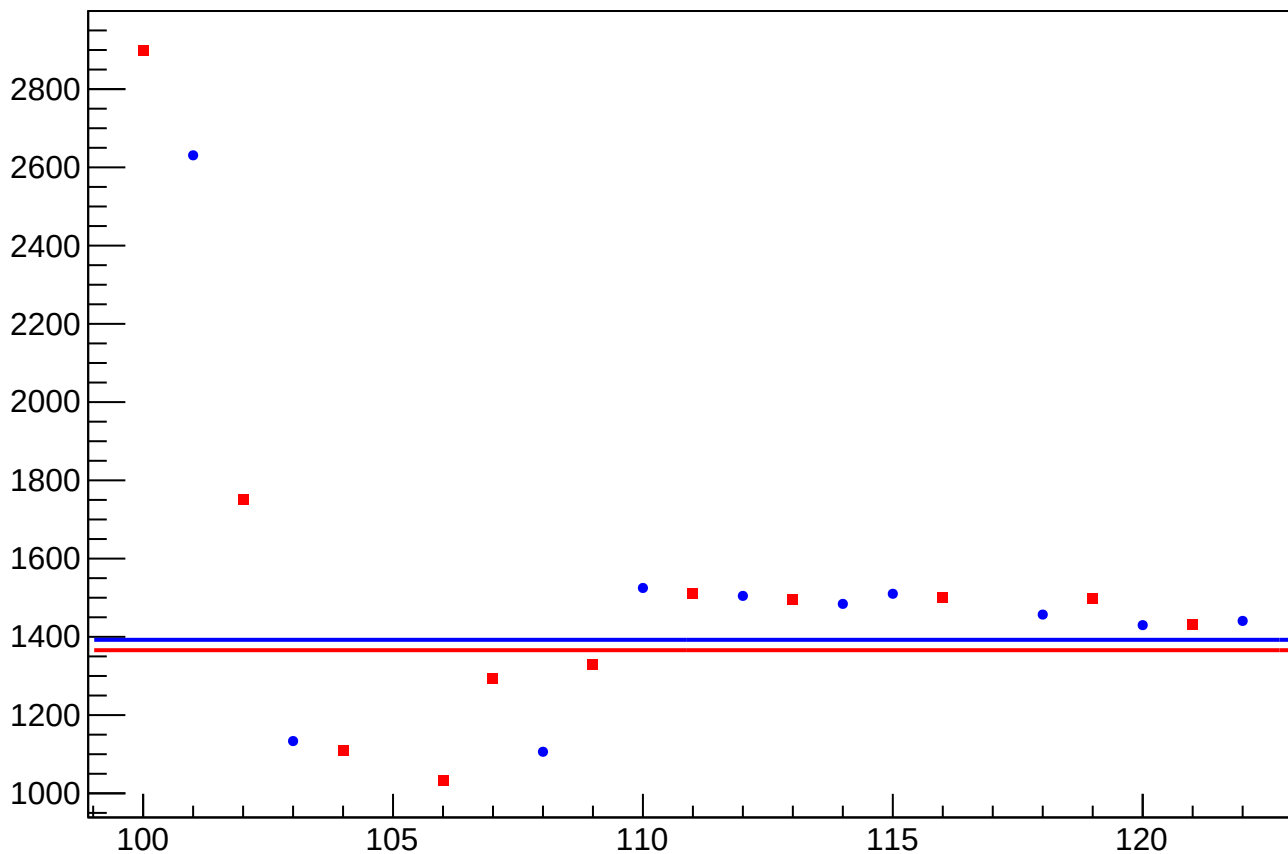
Right: -637.405 $\pm$ 485.198 χ^2 /NDF: 10.0/20

In: -750.105 $\pm$ 707.964 χ^2 /NDF:3.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -637.405 $\pm$ 485.198 χ^2 /NDF: 10.0/20

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1392.408+/-0.501 χ^2/NDF : 420580.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1365.871+/-0.466 χ^2/NDF : 226721.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

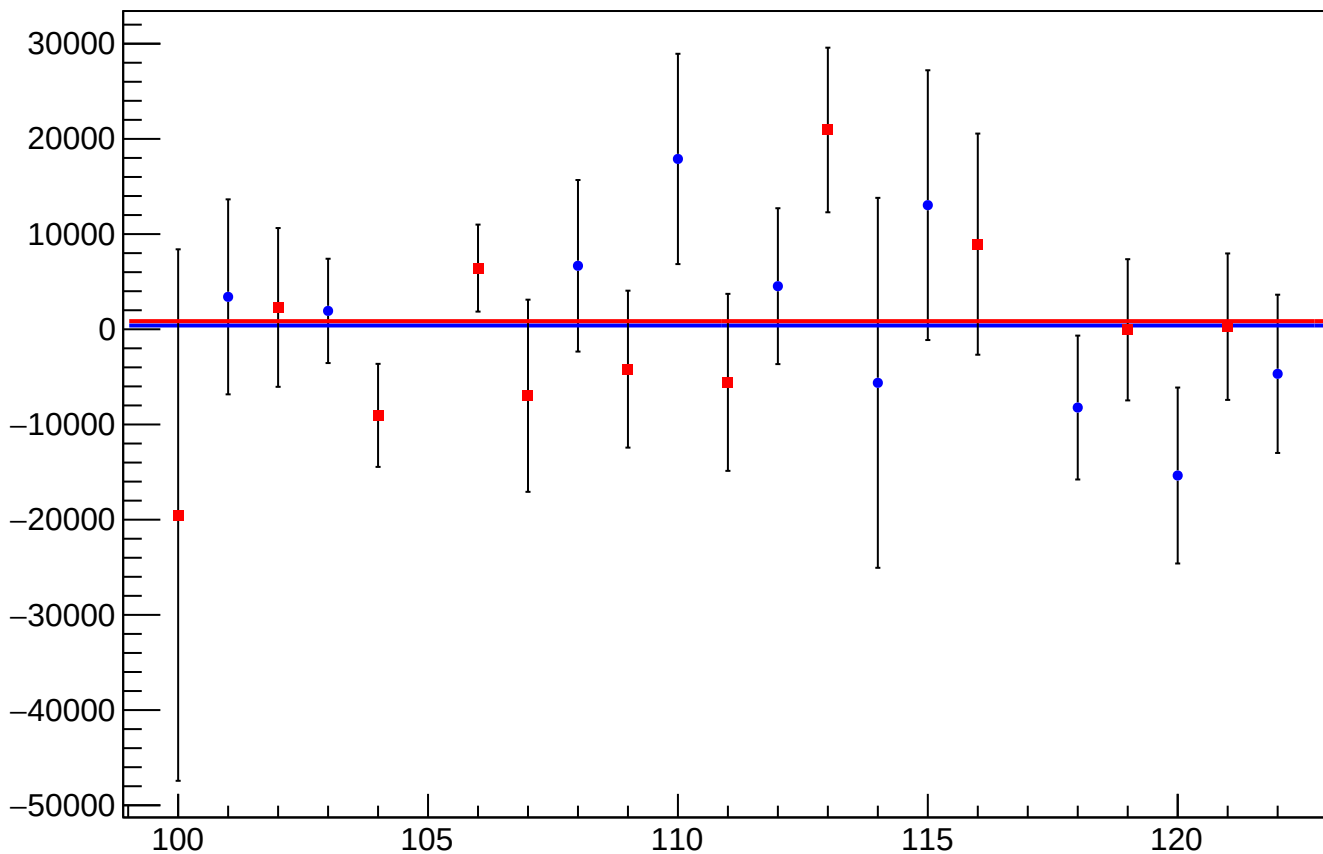
Right: 1378.191+/-0.341 χ^2/NDF : 648807.0/20

In: 1392.408+/-0.501 χ^2/NDF : 420580.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.191+/-0.341 χ^2/NDF : 648807.0/20

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 399.352 $\pm$ 2777.789 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 856.857 $\pm$ 2296.283 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

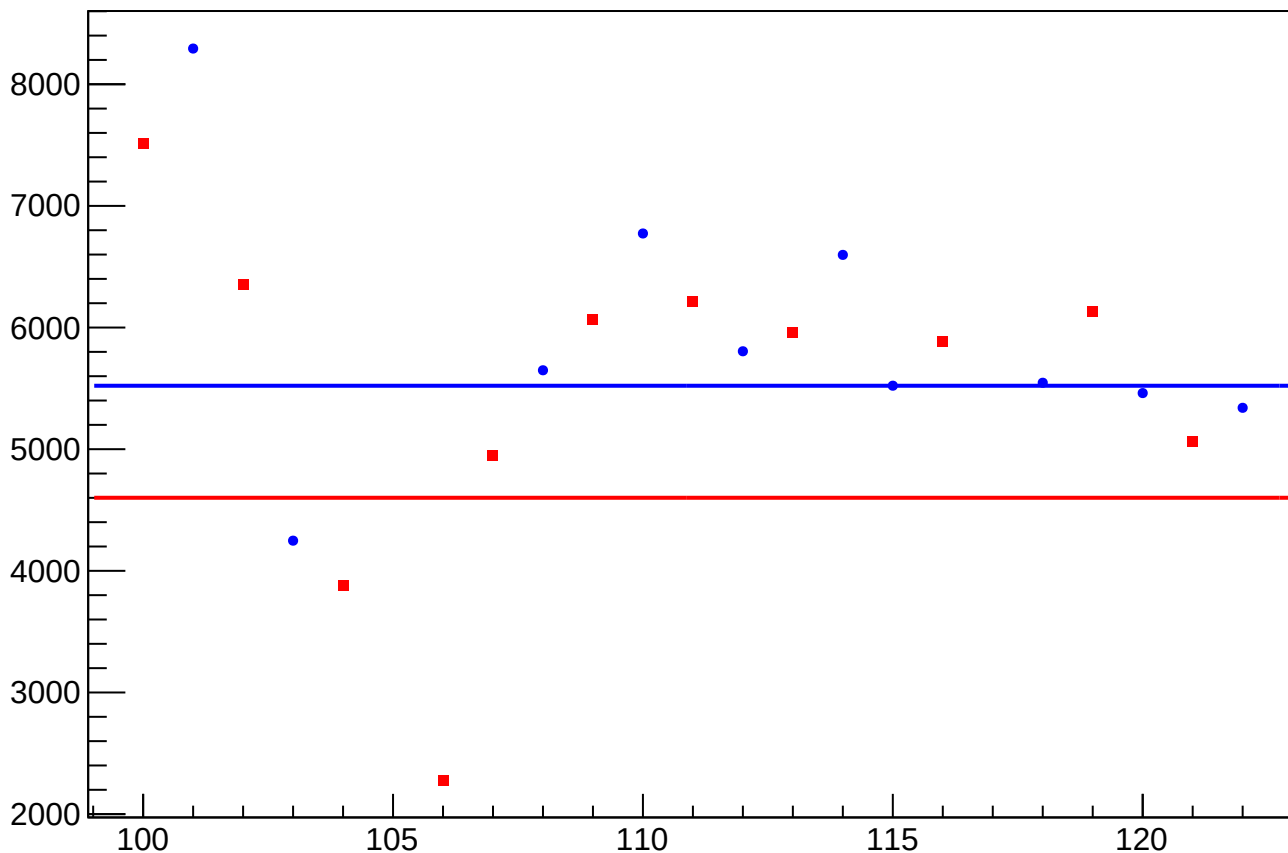
Right: 671.132 $\pm$ 1769.849 χ^2 /NDF: 21.7/20

In: 399.352 $\pm$ 2777.789 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 671.132 $\pm$ 1769.849 χ^2 /NDF: 21.7/20

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5521.551+/-1.964 χ^2/NDF : 290223.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4600.699+/-1.624 χ^2/NDF : 954648.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

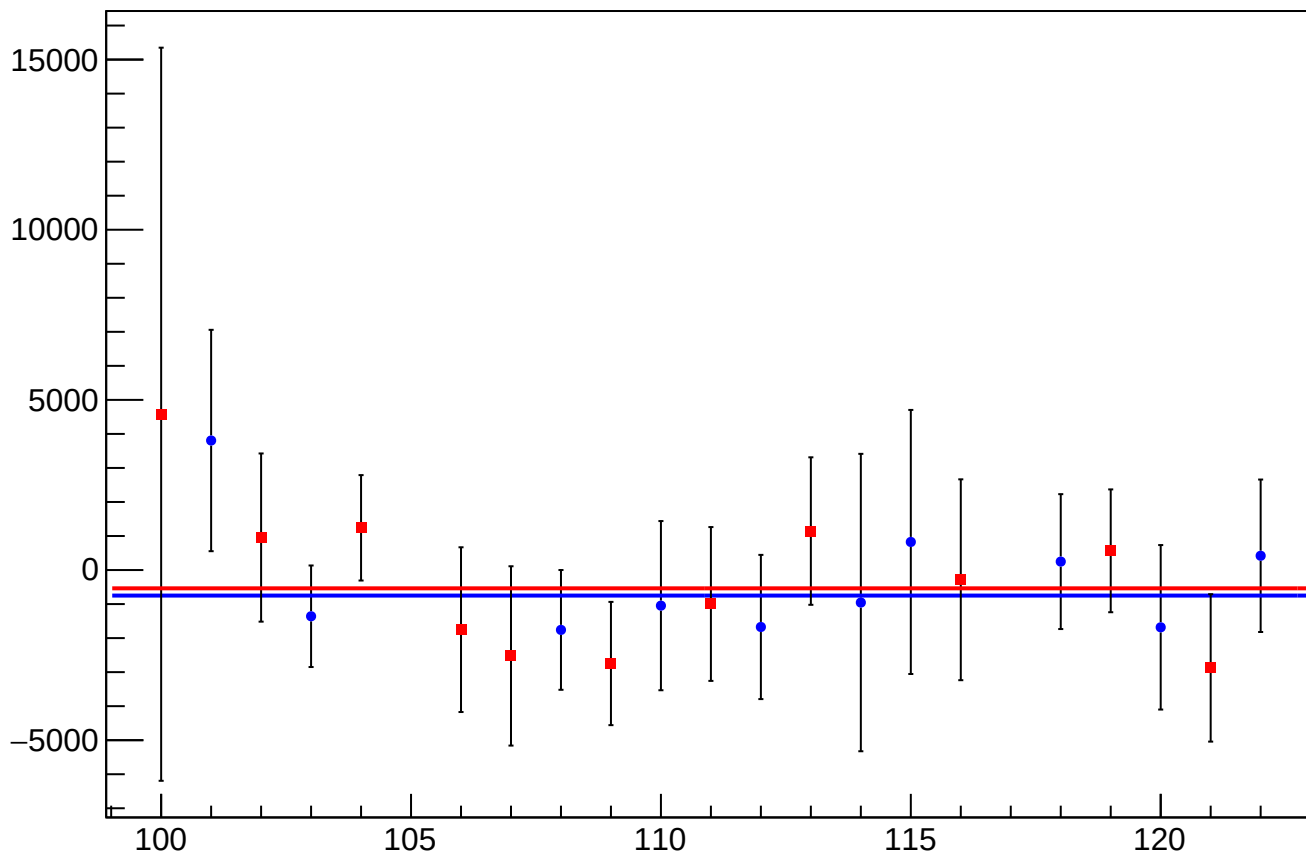
Right: 4974.520+/-1.251 χ^2/NDF : 1375439.2/20

In: 5521.551+/-1.964 χ^2/NDF : 290223.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4974.520+/-1.251 χ^2/NDF : 1375439.2/20

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -750.283+/-707.964 χ^2/NDF : 3.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -537.392+/-666.279 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

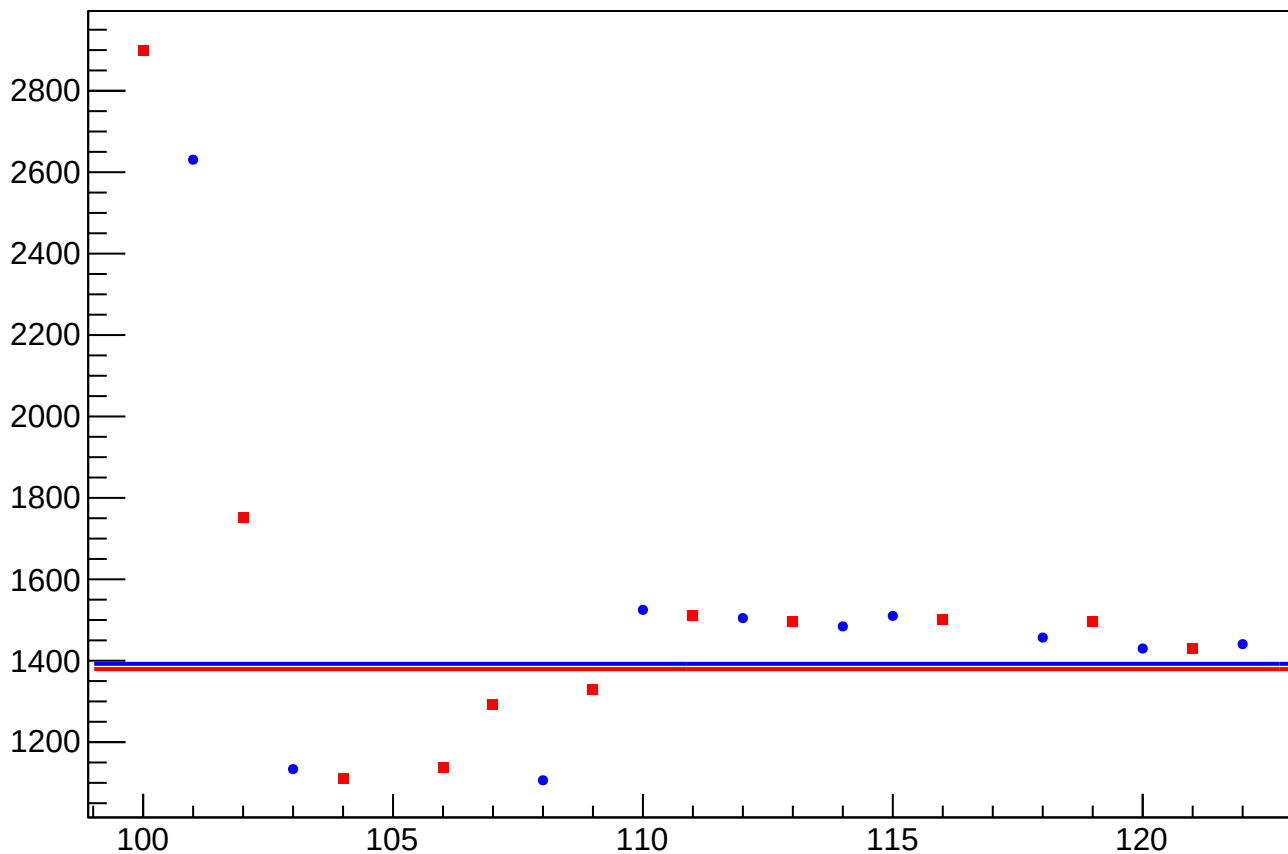
Right: -637.386+/-485.198 χ^2/NDF : 10.0/20

In: -750.283+/-707.964 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.386+/-485.198 χ^2/NDF : 10.0/20

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1392.408+/-0.501 χ^2/NDF : 420580.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1379.413+/-0.470 χ^2/NDF : 196664.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

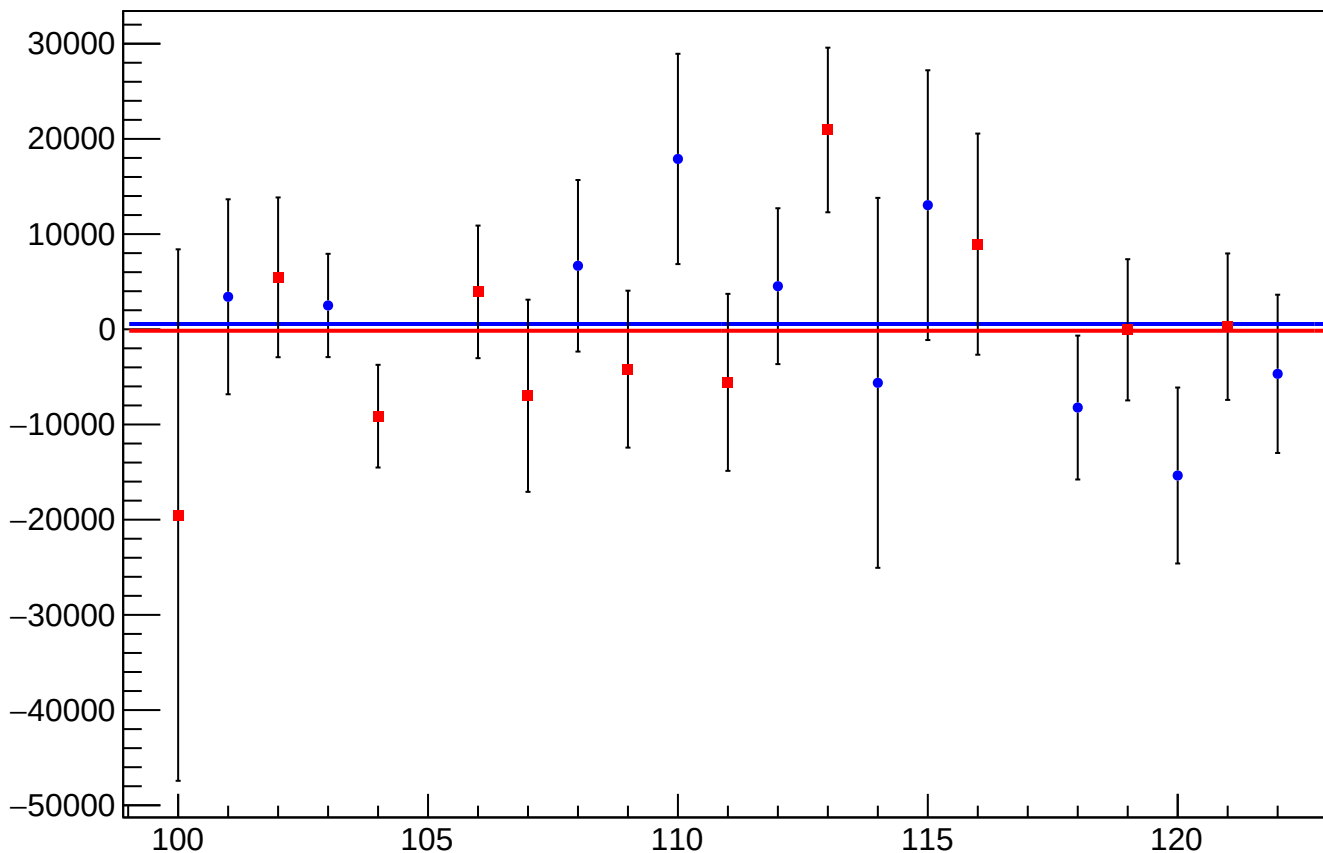
Right: 1385.495+/-0.342 χ^2/NDF : 617603.8/20

In: 1392.408+/-0.501 χ^2/NDF : 420580.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.495+/-0.342 χ^2/NDF : 617603.8/20

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 556.190 $\pm$ 2770.875 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -152.990 $\pm$ 2481.142 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

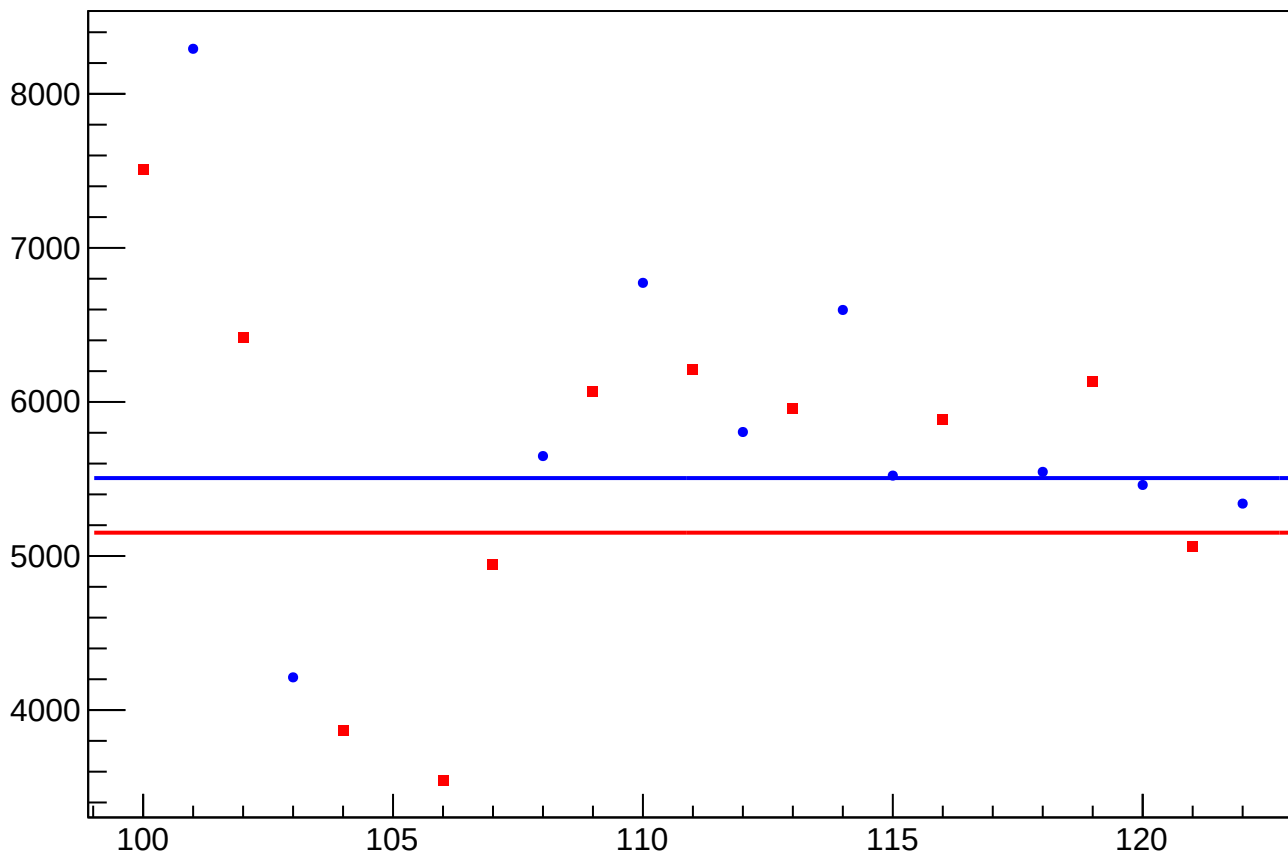
Right: 162.596 $\pm$ 1848.407 χ^2 /NDF: 20.6/20

In: 556.190 $\pm$ 2770.875 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.596 $\pm$ 1848.407 χ^2 /NDF: 20.6/20

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5505.886+/-1.959 χ^2/NDF : 298467.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5151.418+/-1.754 χ^2/NDF : 391411.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

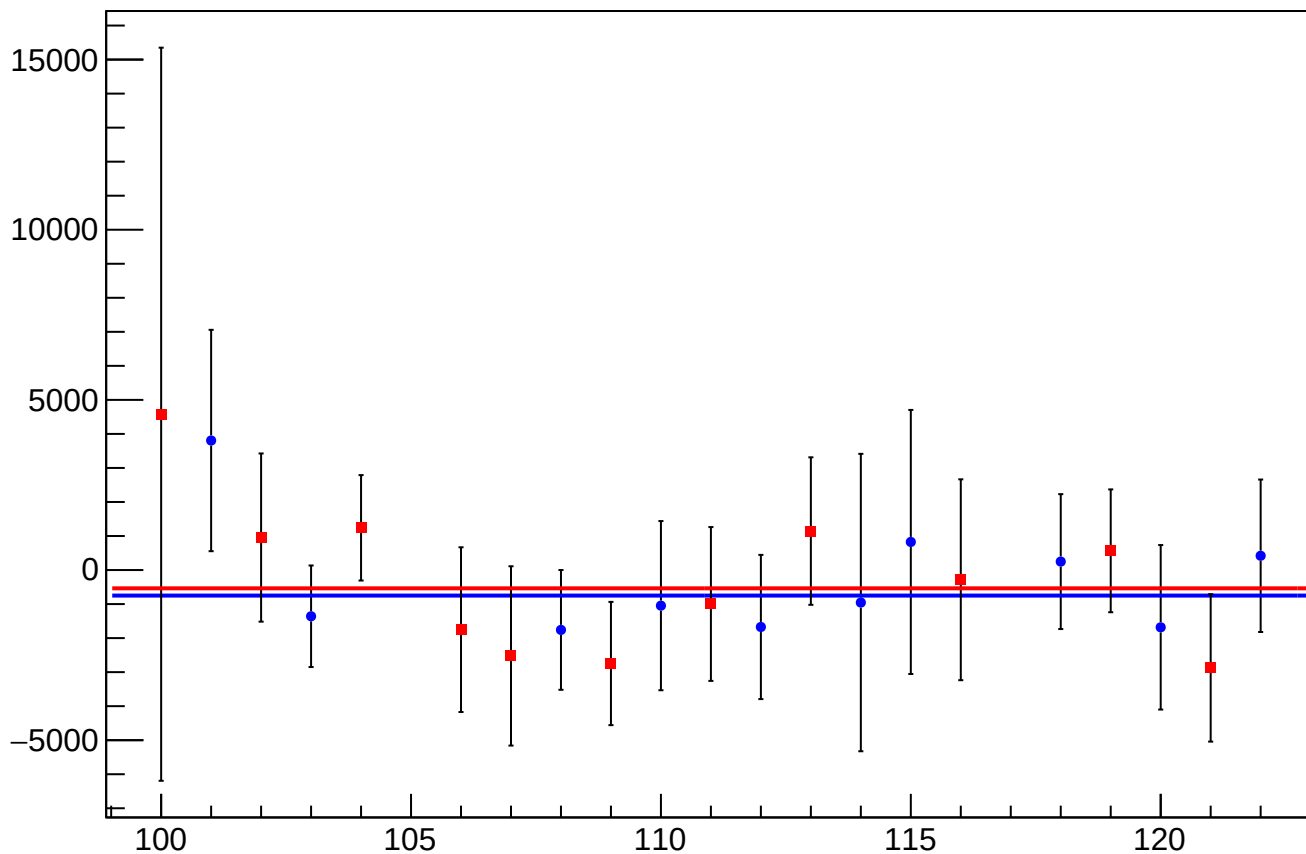
Right: 5309.156+/-1.307 χ^2/NDF : 708044.5/20

In: 5505.886+/-1.959 χ^2/NDF : 298467.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5309.156+/-1.307 χ^2/NDF : 708044.5/20

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -750.283+/-707.964 χ^2/NDF : 3.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -537.392+/-666.279 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

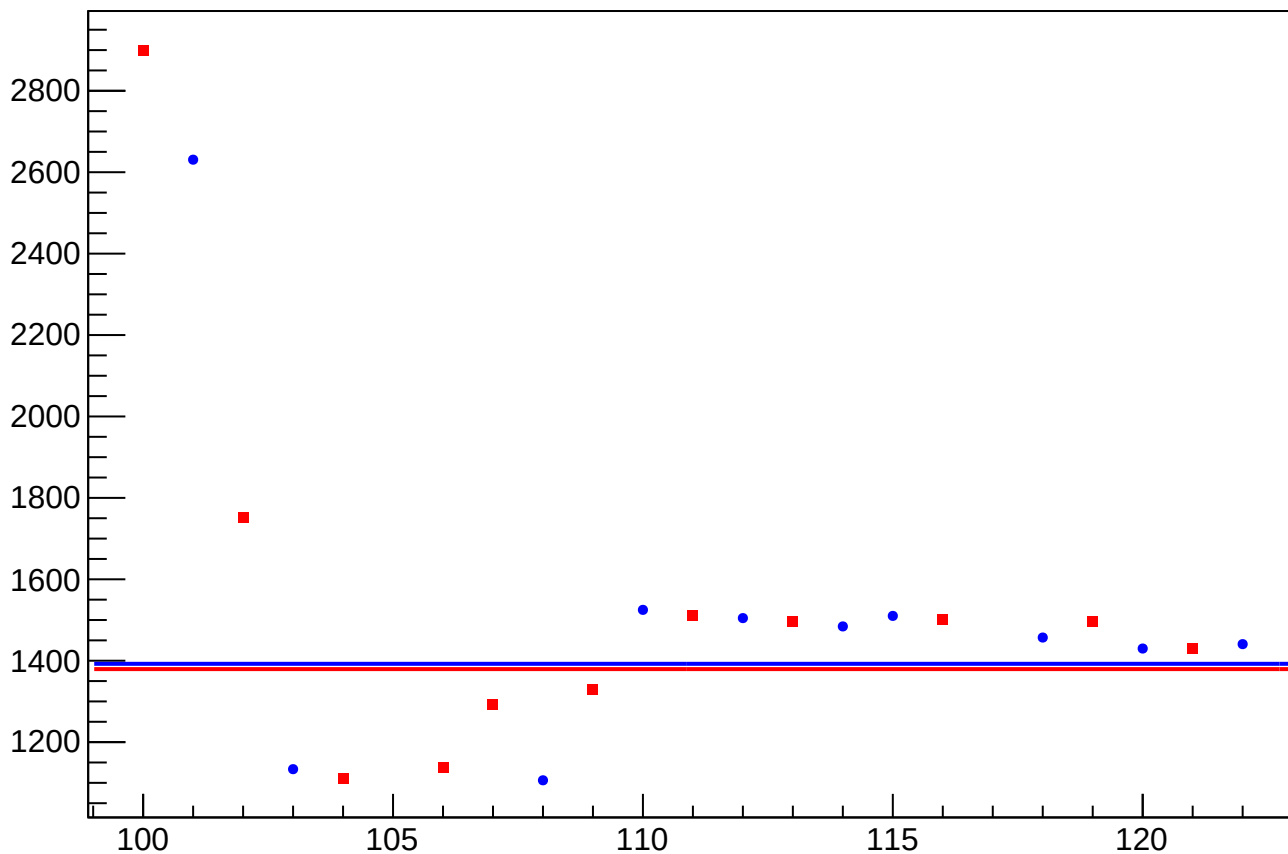
Right: -637.386+/-485.198 χ^2/NDF : 10.0/20

In: -750.283+/-707.964 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.386+/-485.198 χ^2/NDF : 10.0/20

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1392.408+/-0.501 χ^2/NDF : 420580.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1379.413+/-0.470 χ^2/NDF : 196664.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

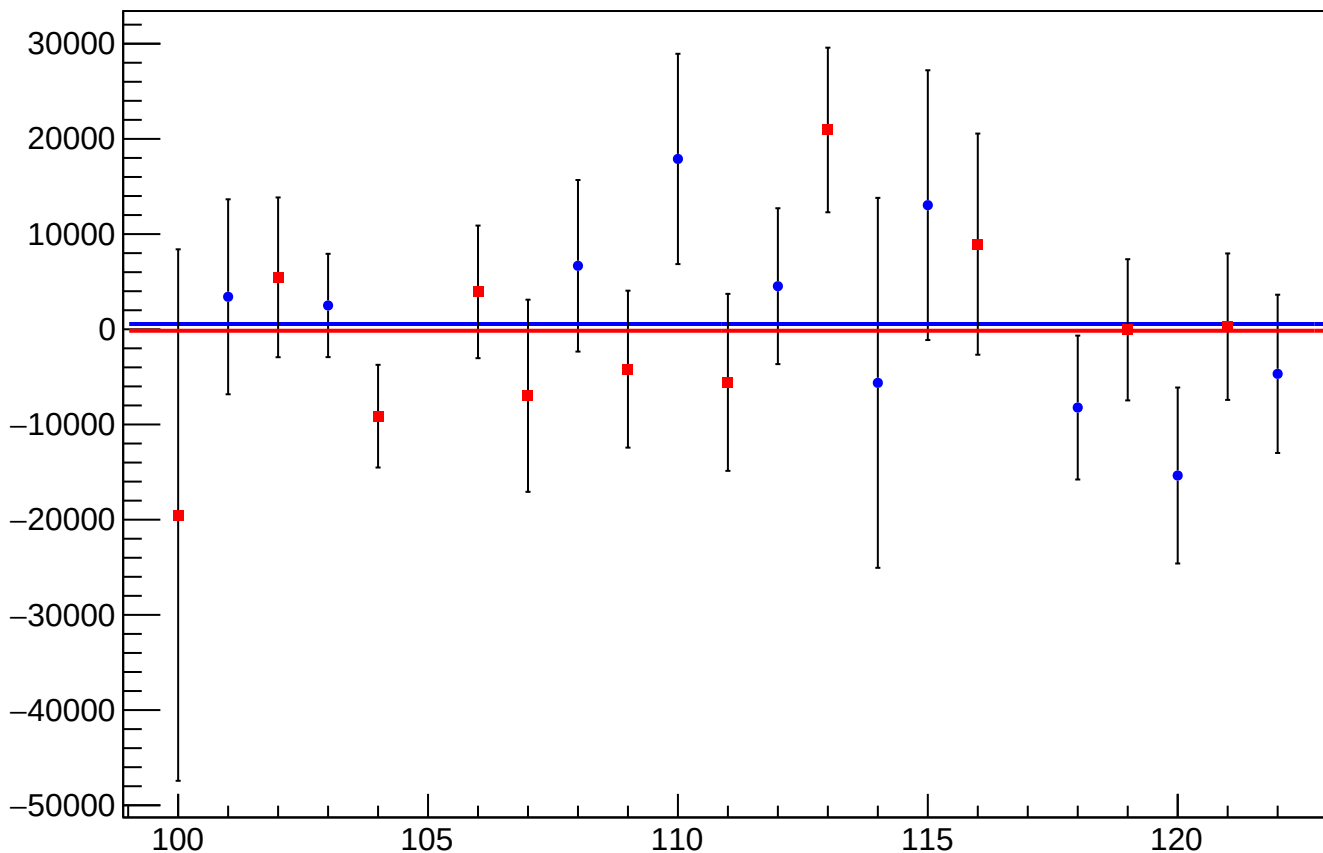
Right: 1385.495+/-0.342 χ^2/NDF : 617603.8/20

In: 1392.408+/-0.501 χ^2/NDF : 420580.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.495+/-0.342 χ^2/NDF : 617603.8/20

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 556.190 $\pm$ 2770.875 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -152.990 $\pm$ 2481.142 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

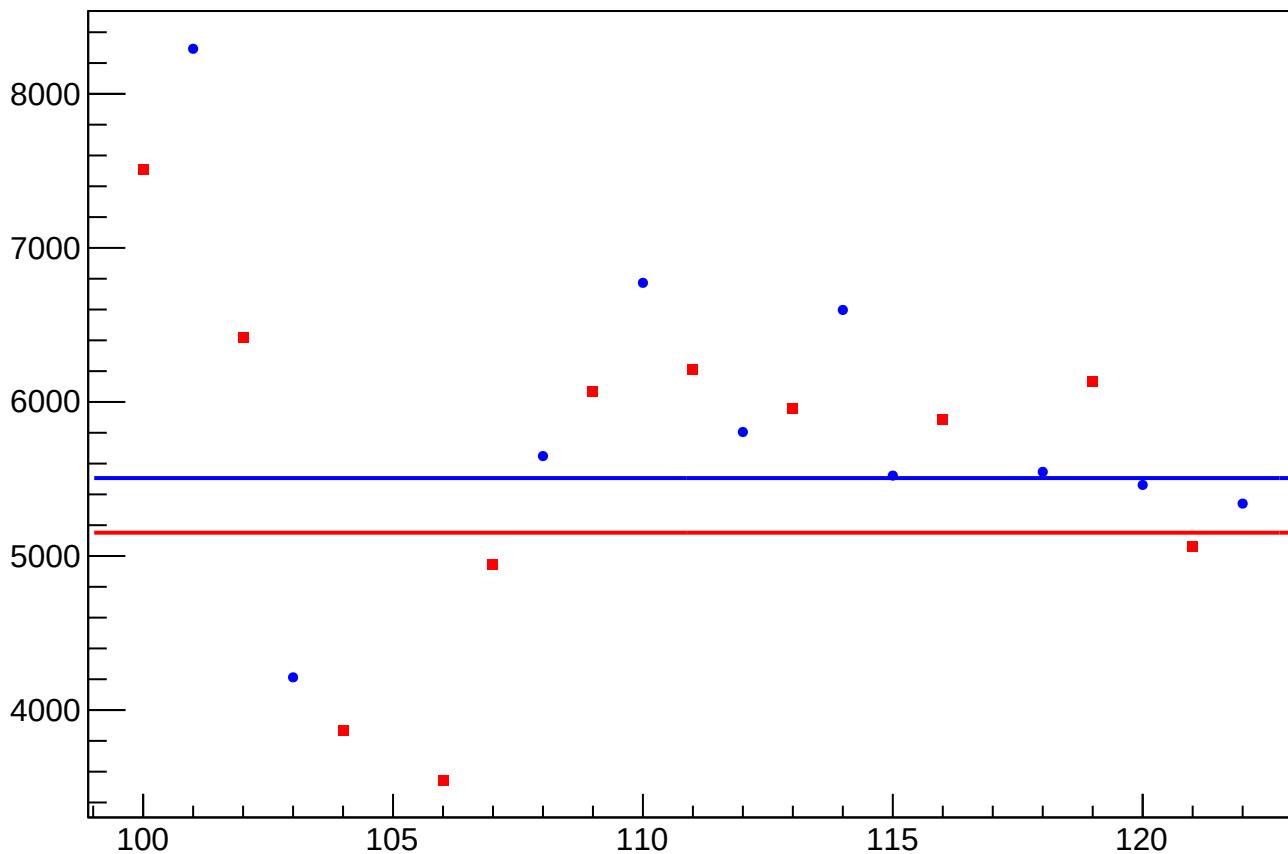
Right: 162.596 $\pm$ 1848.407 χ^2 /NDF: 20.6/20

In: 556.190 $\pm$ 2770.875 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.596 $\pm$ 1848.407 χ^2 /NDF: 20.6/20

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5505.886+/-1.959 χ^2/NDF : 298467.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5151.418+/-1.754 χ^2/NDF : 391411.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

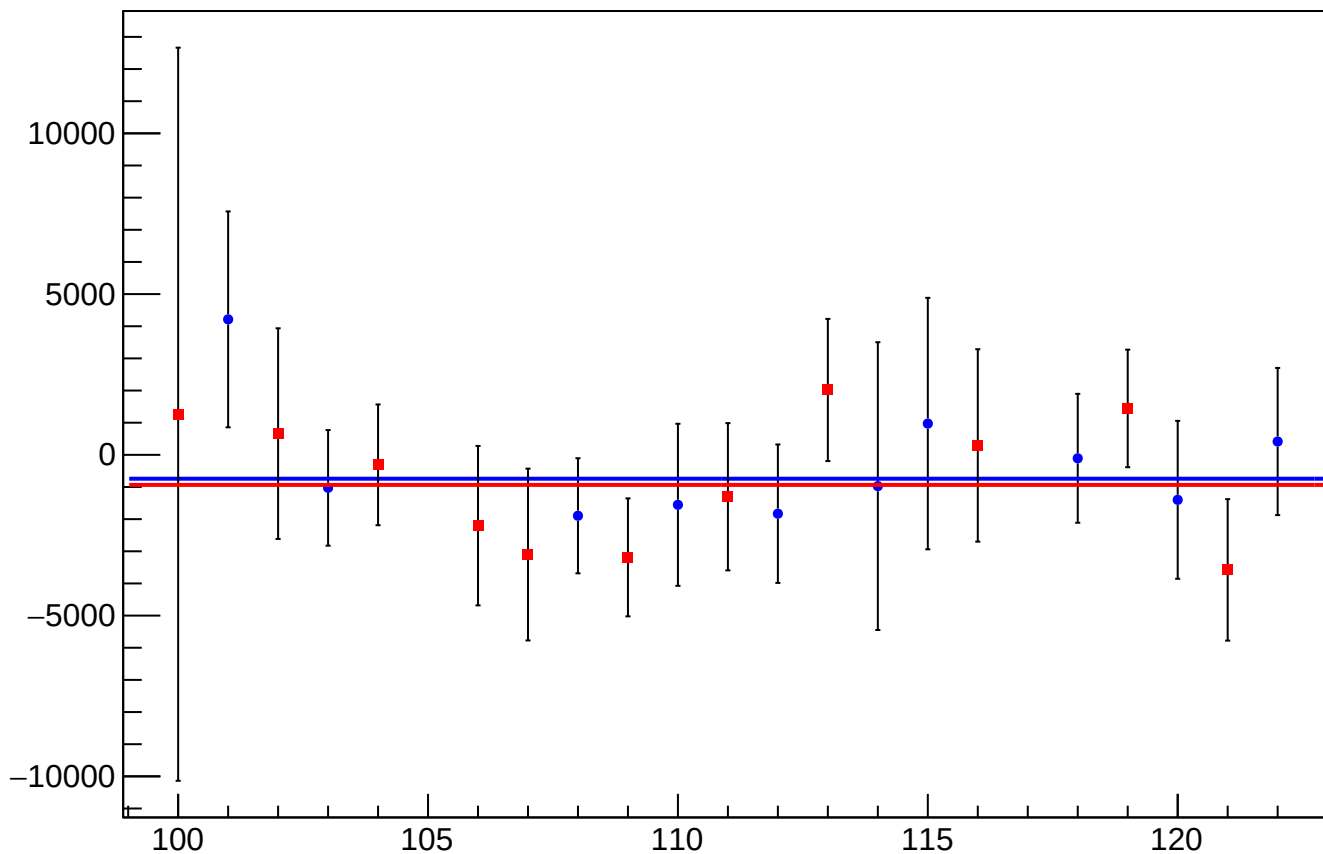
Right: 5309.156+/-1.307 χ^2/NDF : 708044.5/20

In: 5505.886+/-1.959 χ^2/NDF : 298467.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5309.156+/-1.307 χ^2/NDF : 708044.5/20

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -742.046+/-744.571 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -934.580+/-707.658 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

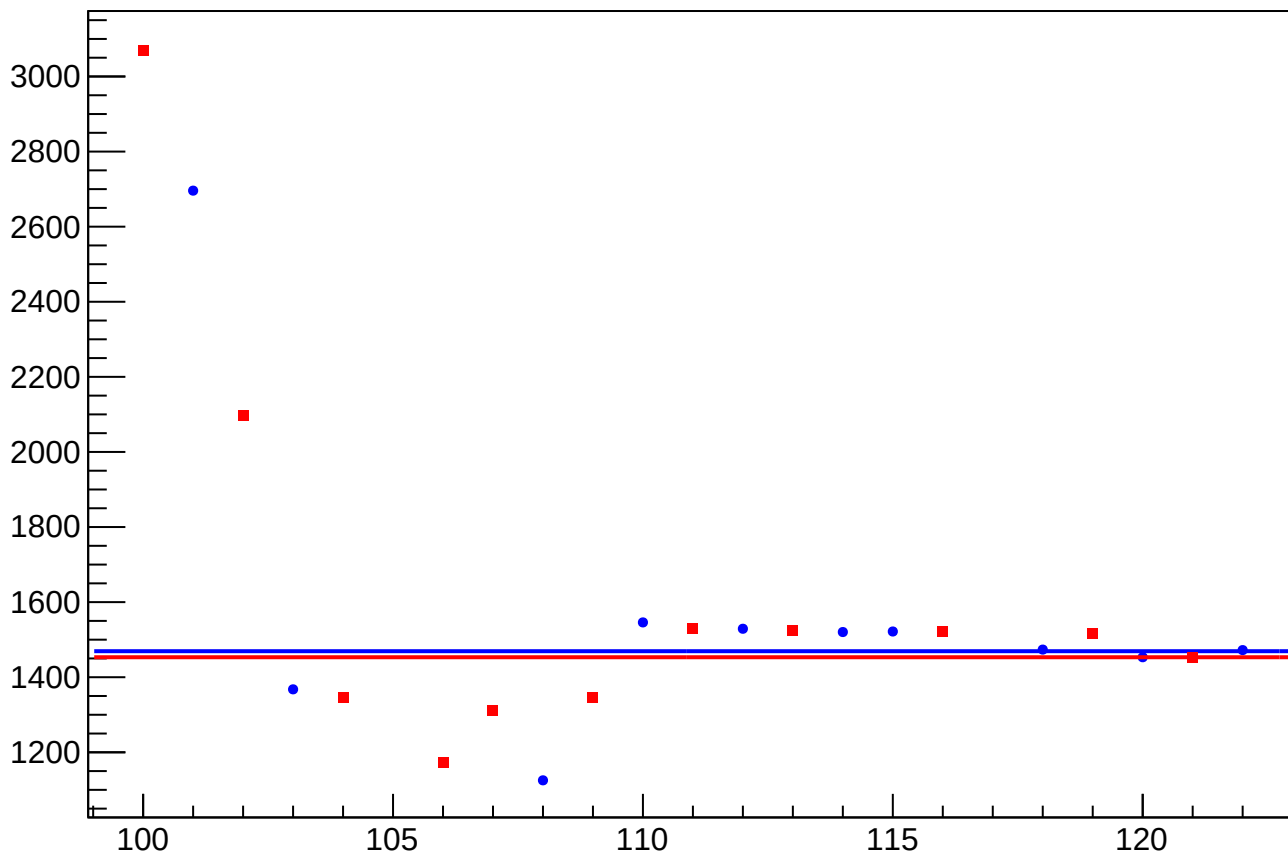
Right: -843.204+/-512.943 χ^2/NDF : 11.6/20

In: -742.046+/-744.571 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.204+/-512.943 χ^2/NDF : 11.6/20

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1469.301+/-0.526 χ^2/NDF : 351200.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.205+/-0.500 χ^2/NDF : 170317.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

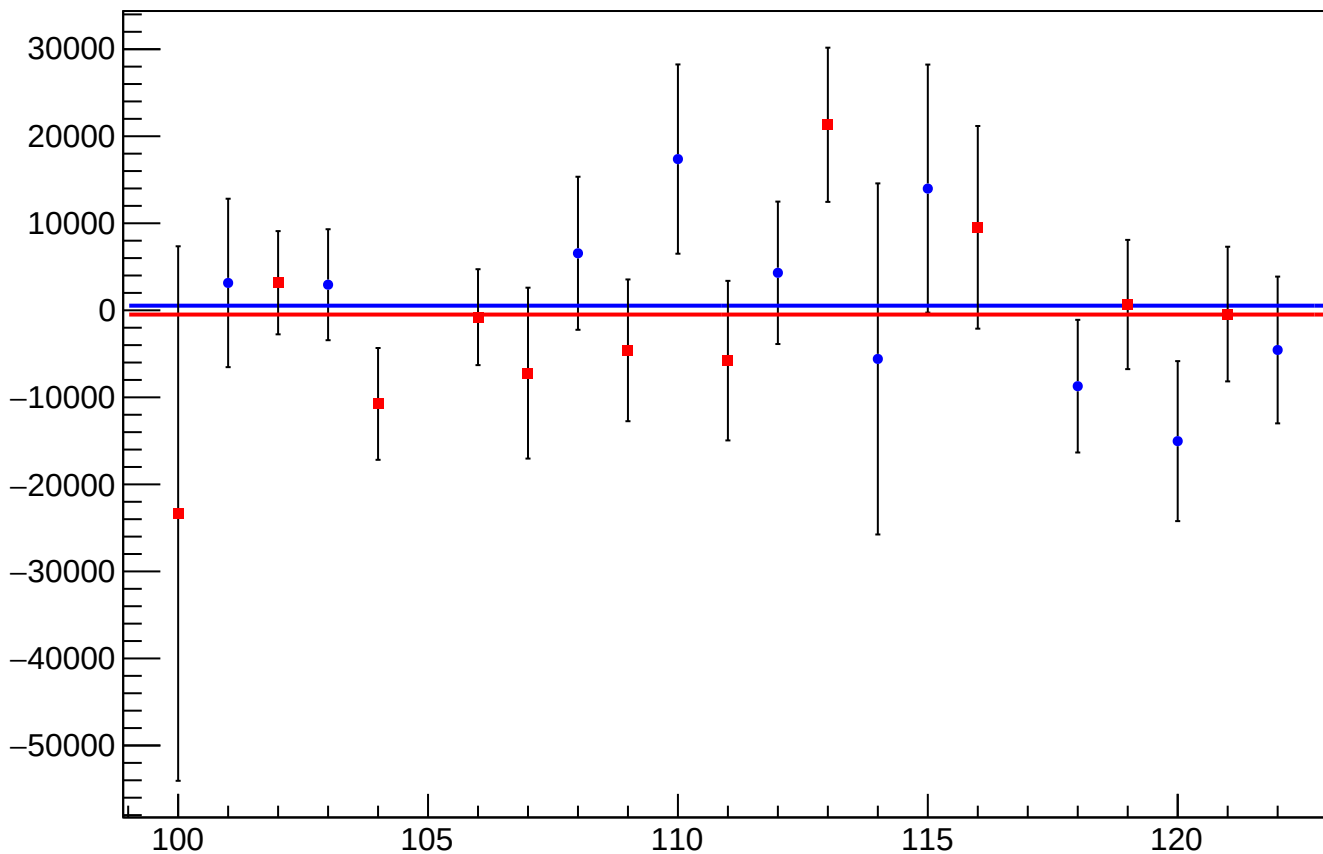
Right: 1460.841+/-0.363 χ^2/NDF : 522009.2/20

In: 1469.301+/-0.526 χ^2/NDF : 351200.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.841+/-0.363 χ^2/NDF : 522009.2/20

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 533.323+/-2861.695 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.151+/-2363.716 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

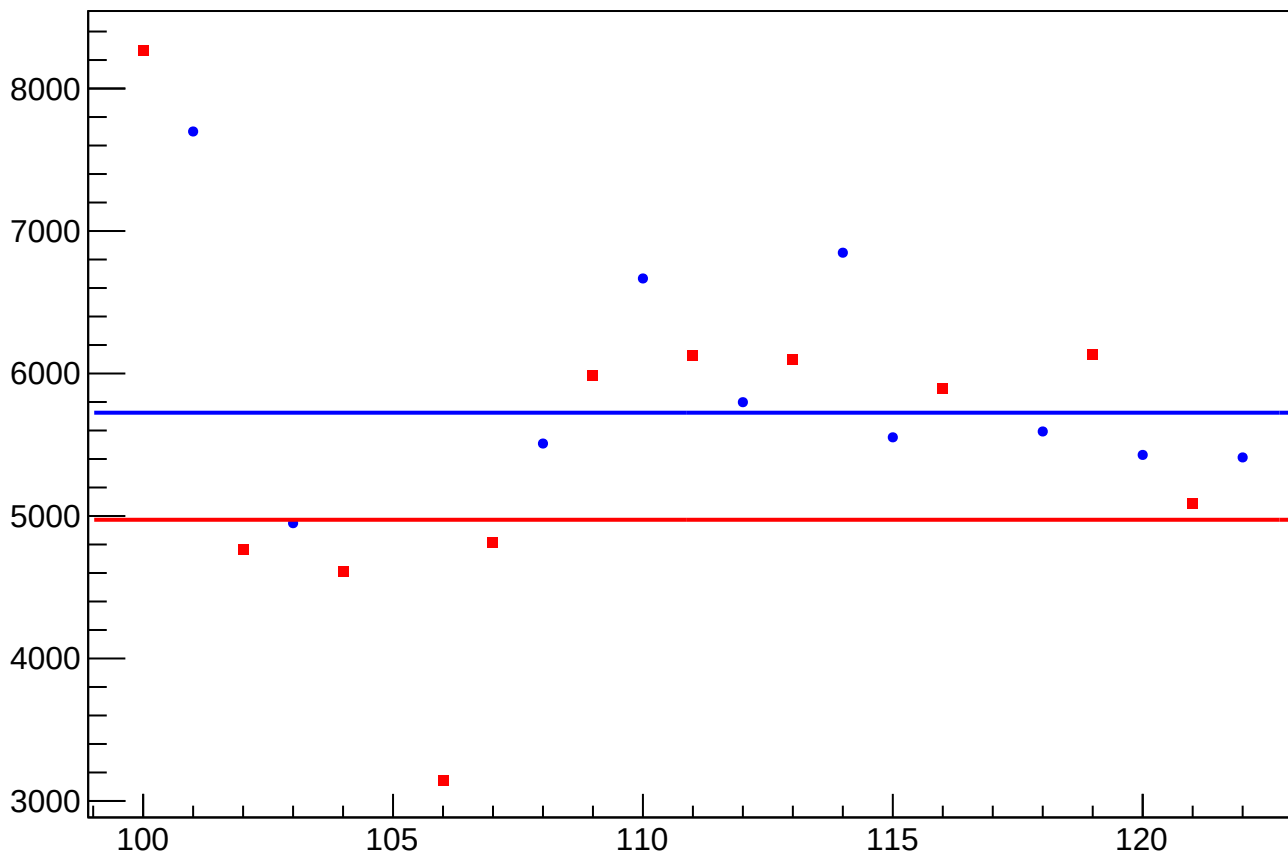
Right: -73.884+/-1822.426 χ^2/NDF : 20.4/20

In: 533.323+/-2861.695 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.884+/-1822.426 χ^2/NDF : 20.4/20

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5724.911+/-2.024 χ^2/NDF : 141103.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4973.502+/-1.671 χ^2/NDF : 409234.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

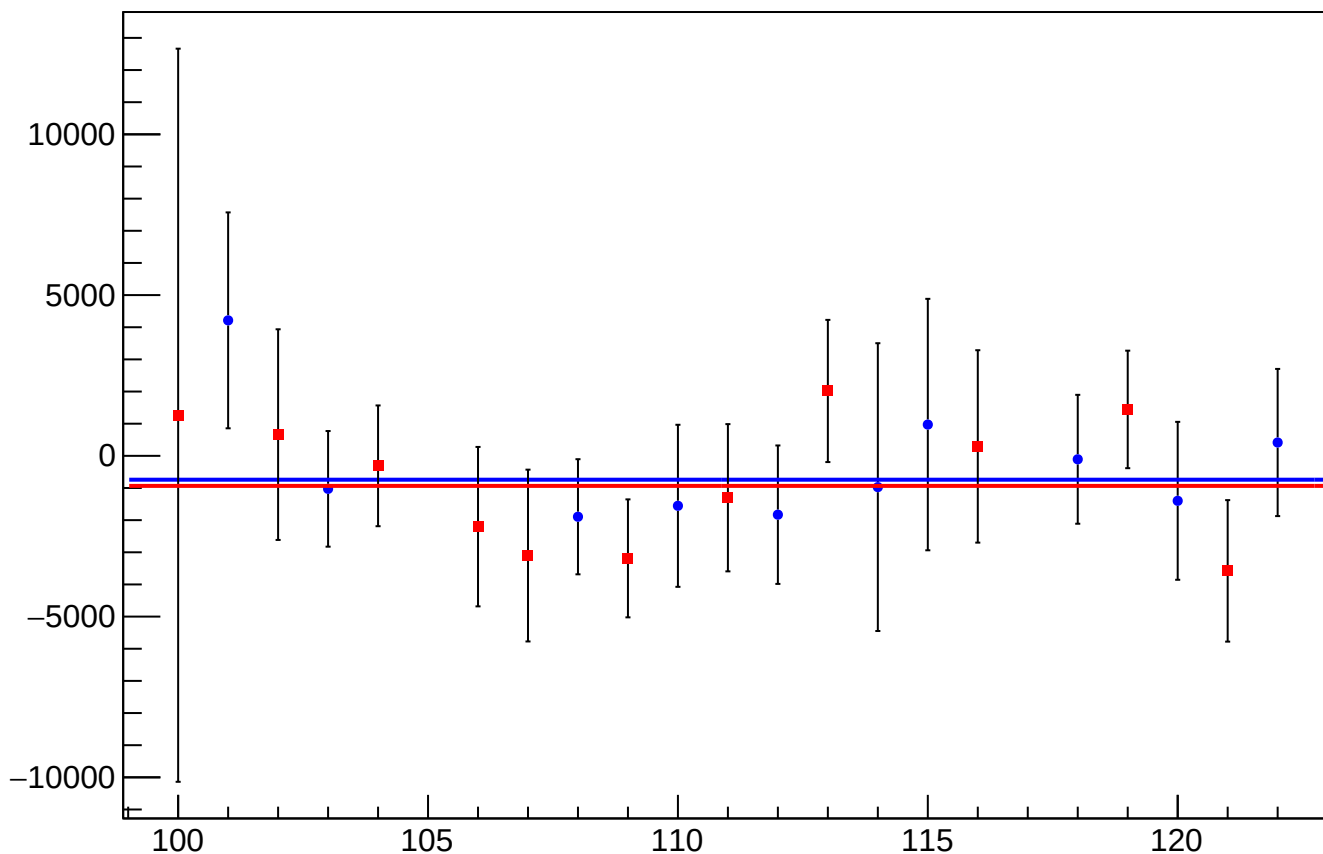
Right: 5278.242+/-1.289 χ^2/NDF : 632306.6/20

In: 5724.911+/-2.024 χ^2/NDF : 141103.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5278.242+/-1.289 χ^2/NDF : 632306.6/20

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -742.041+/-744.571 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -934.594+/-707.658 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

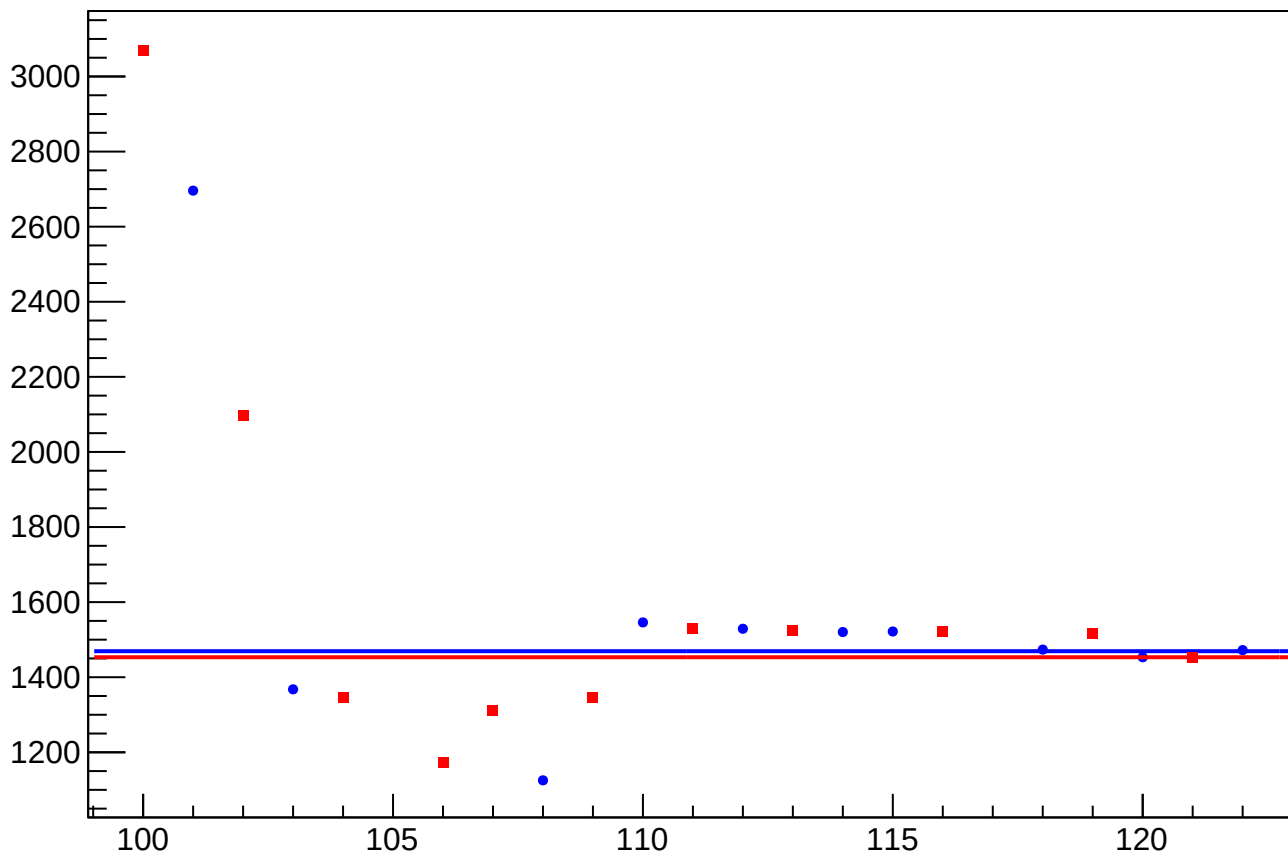
Right: -843.209+/-512.943 χ^2/NDF : 11.6/20

In: -742.041+/-744.571 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.209+/-512.943 χ^2/NDF : 11.6/20

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1469.301+/-0.526 χ^2/NDF : 351199.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.206+/-0.500 χ^2/NDF : 170317.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

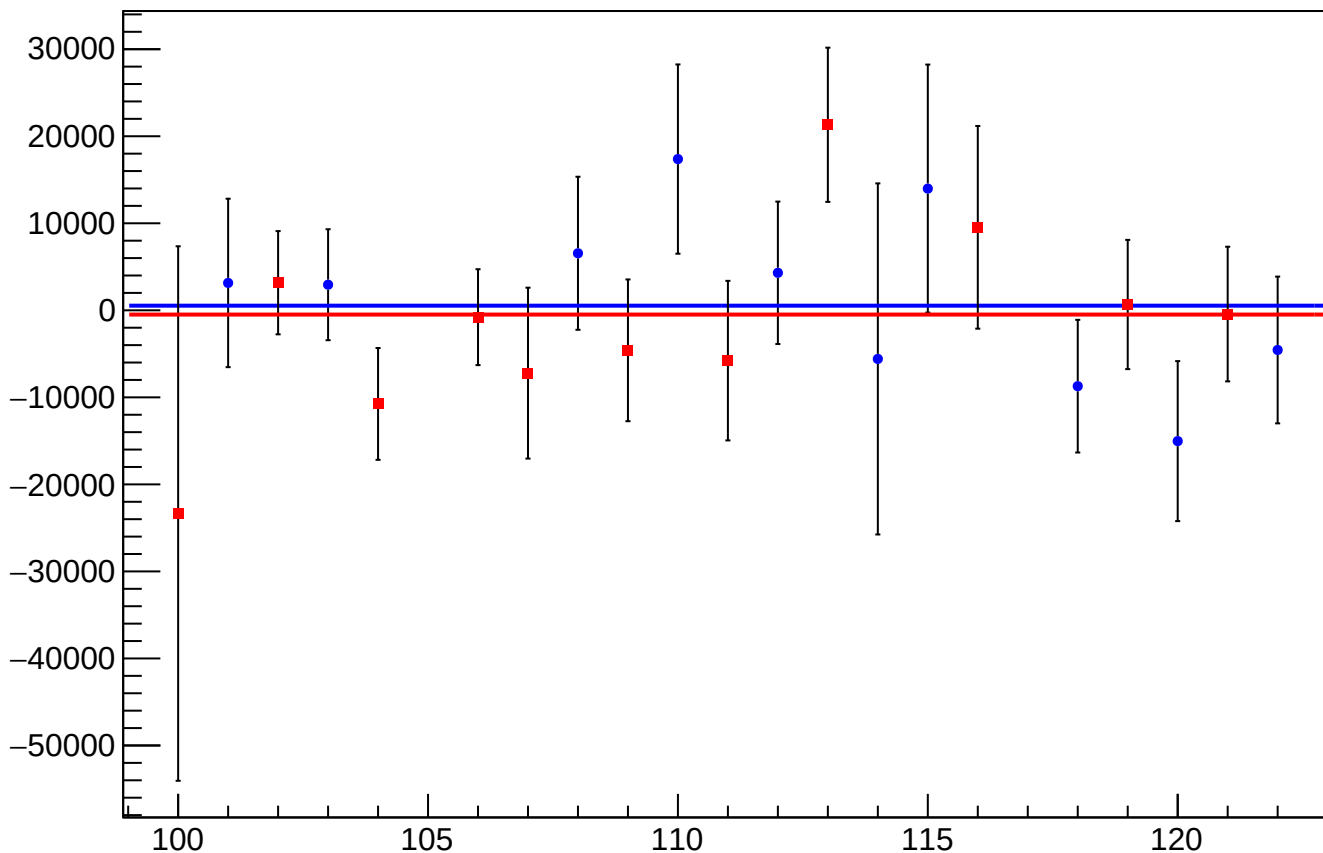
Right: 1460.841+/-0.363 χ^2/NDF : 522008.8/20

In: 1469.301+/-0.526 χ^2/NDF : 351199.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.841+/-0.363 χ^2/NDF : 522008.8/20

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 533.308+/-2861.688 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.156+/-2363.711 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

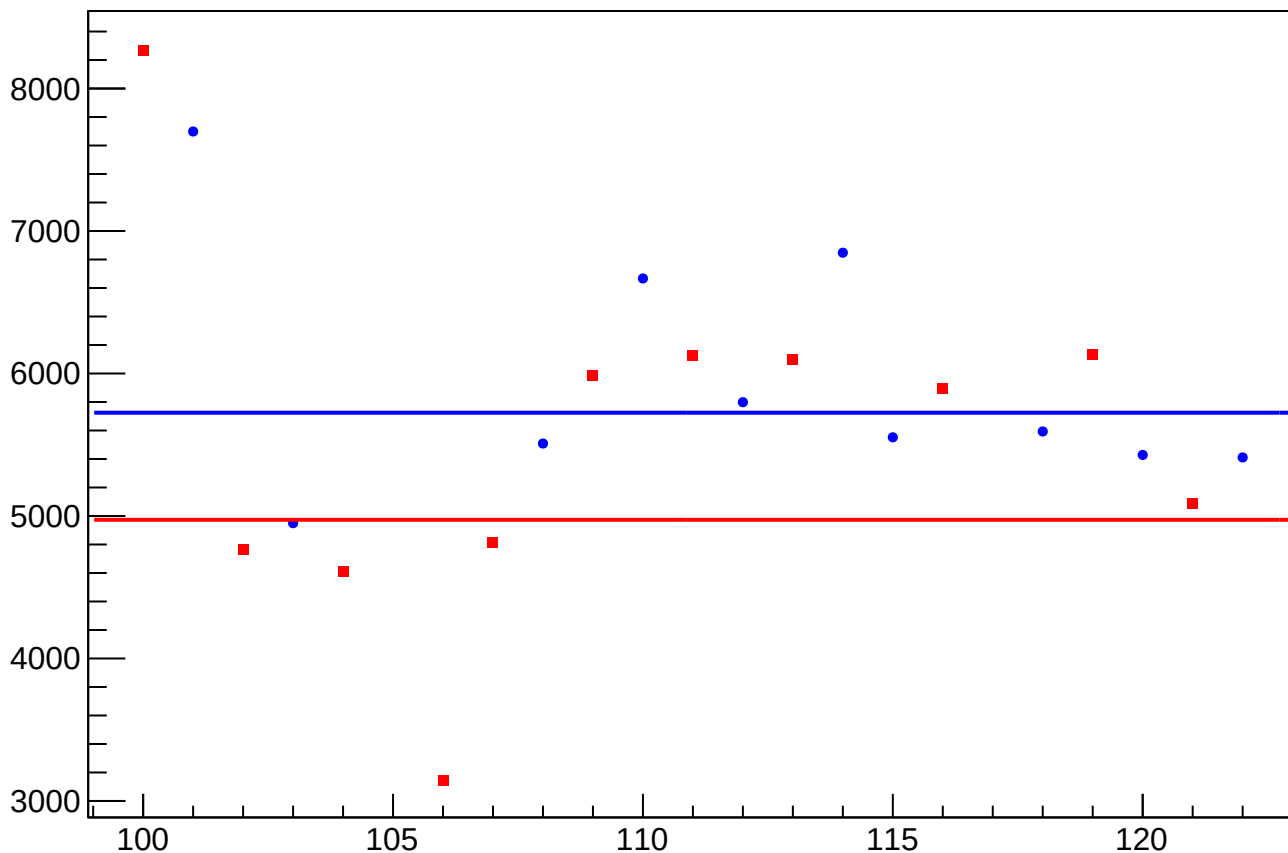
Right: -73.893+/-1822.422 χ^2/NDF : 20.4/20

In: 533.308+/-2861.688 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.893+/-1822.422 χ^2/NDF : 20.4/20

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5724.897+/-2.024 χ^2/NDF : 141103.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4973.491+/-1.671 χ^2/NDF : 409234.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

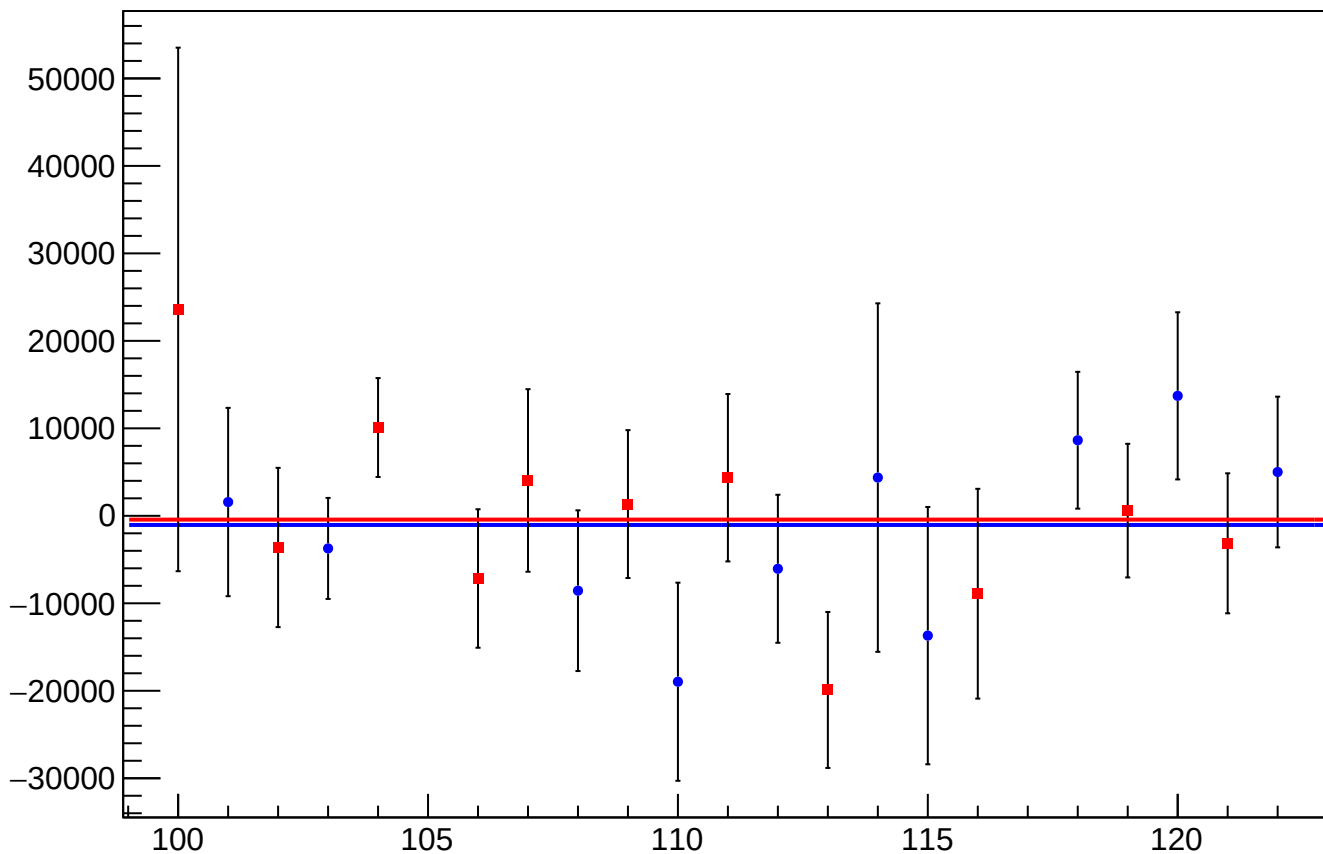
Right: 5278.230+/-1.289 χ^2/NDF : 632306.1/20

In: 5724.897+/-2.024 χ^2/NDF : 141103.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5278.230+/-1.289 χ^2/NDF : 632306.1/20

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1043.027+/-2884.581 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -433.192+/-2609.726 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

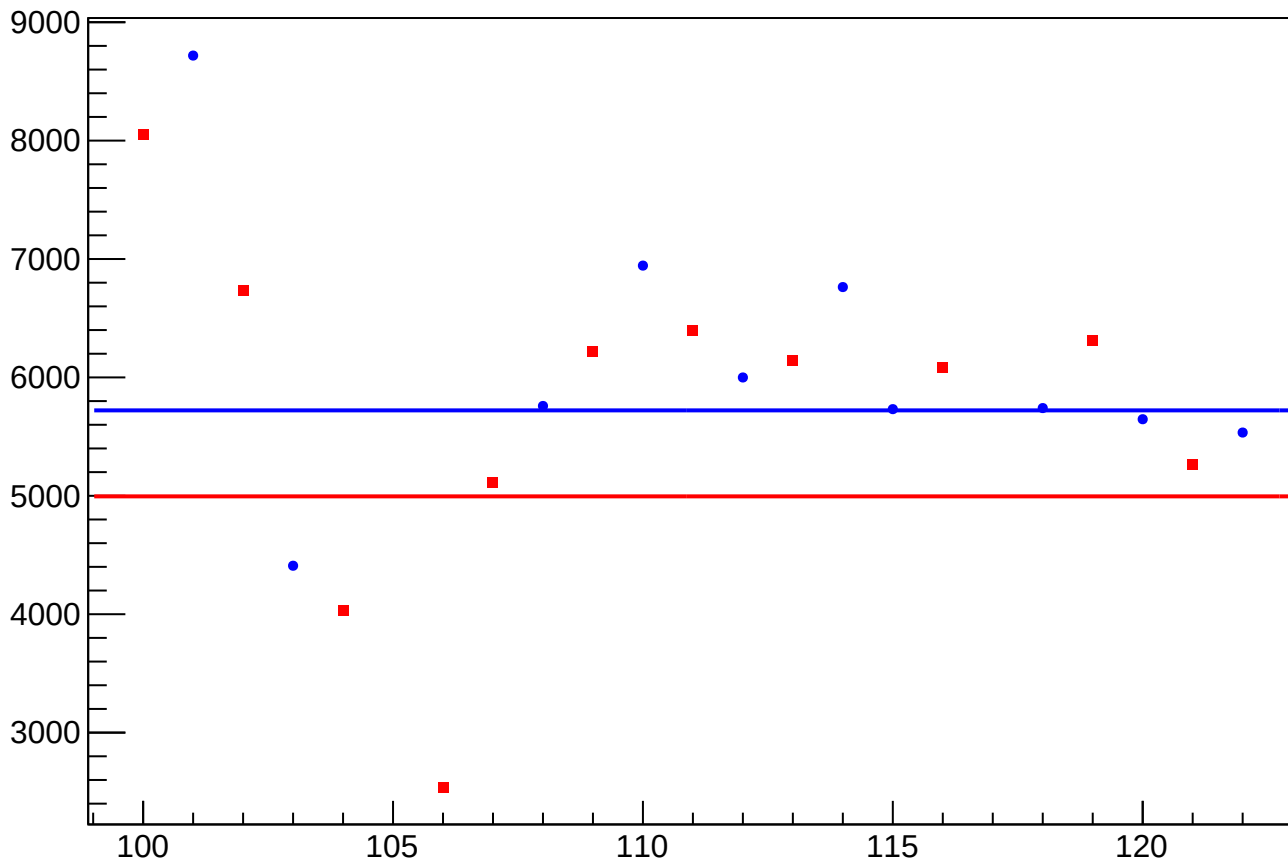
Right: -707.678+/-1935.249 χ^2/NDF : 19.9/20

In: -1043.027+/-2884.581 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -707.678+/-1935.249 χ^2/NDF : 19.9/20

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5721.602+/-2.040 χ^2/NDF : 290338.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4995.356+/-1.756 χ^2/NDF : 725332.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

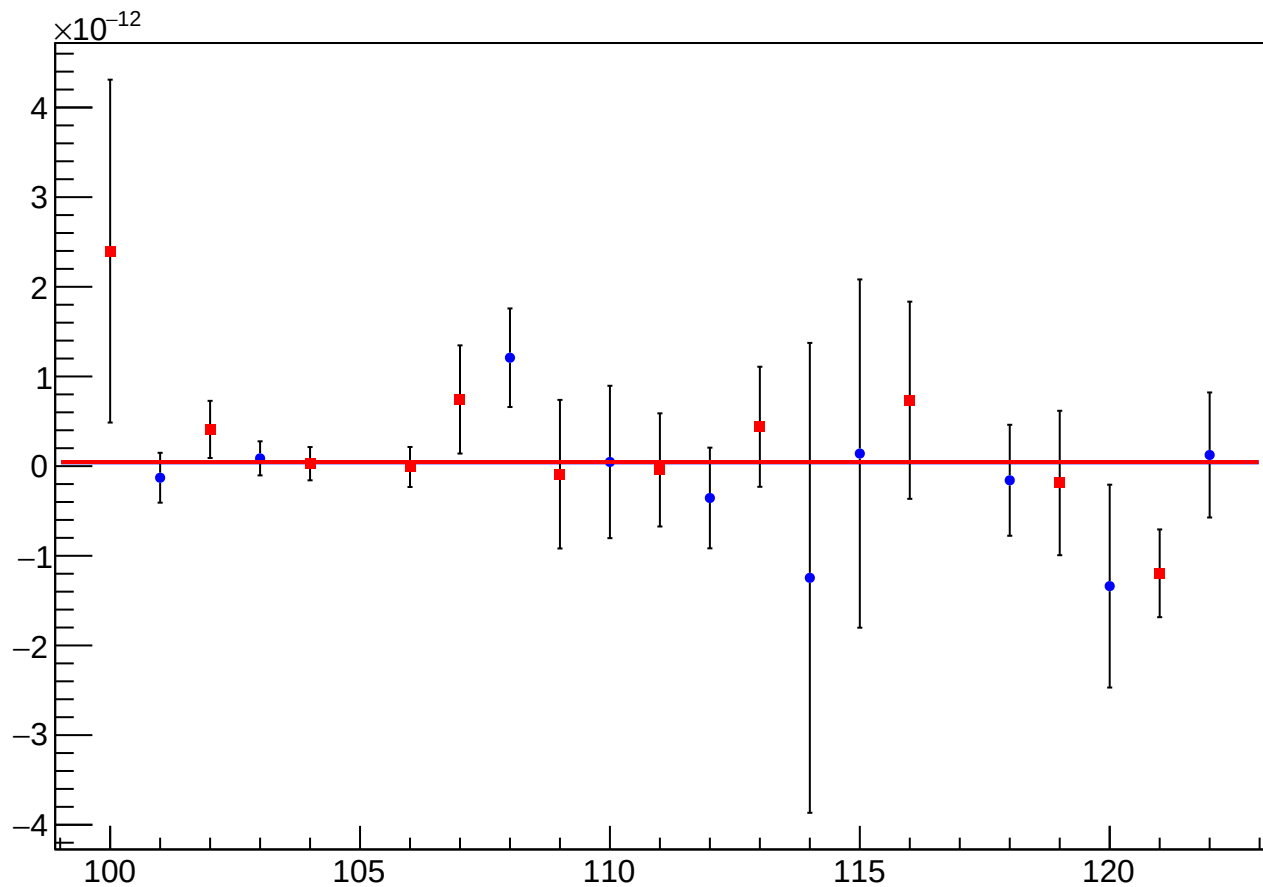
Right: 5304.554+/-1.331 χ^2/NDF : 1088472.8/20

In: 5721.602+/-2.040 χ^2/NDF : 290338.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5304.554+/-1.331 χ^2/NDF : 1088472.8/20

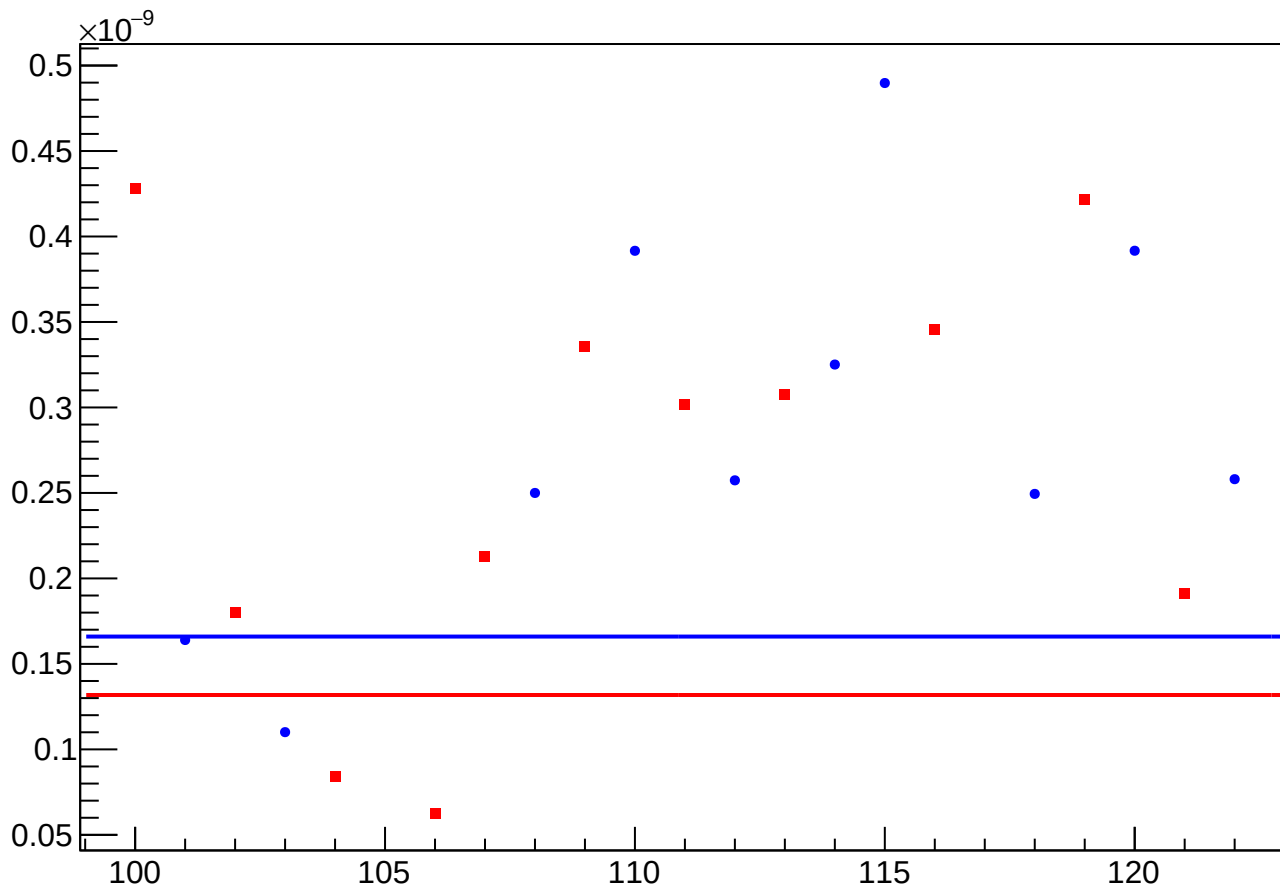
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/9
 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 : 18.8/20
 In: 0.000+/-0.000 χ^2/NDF : 7.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 18.8/20

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627584.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1222077.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

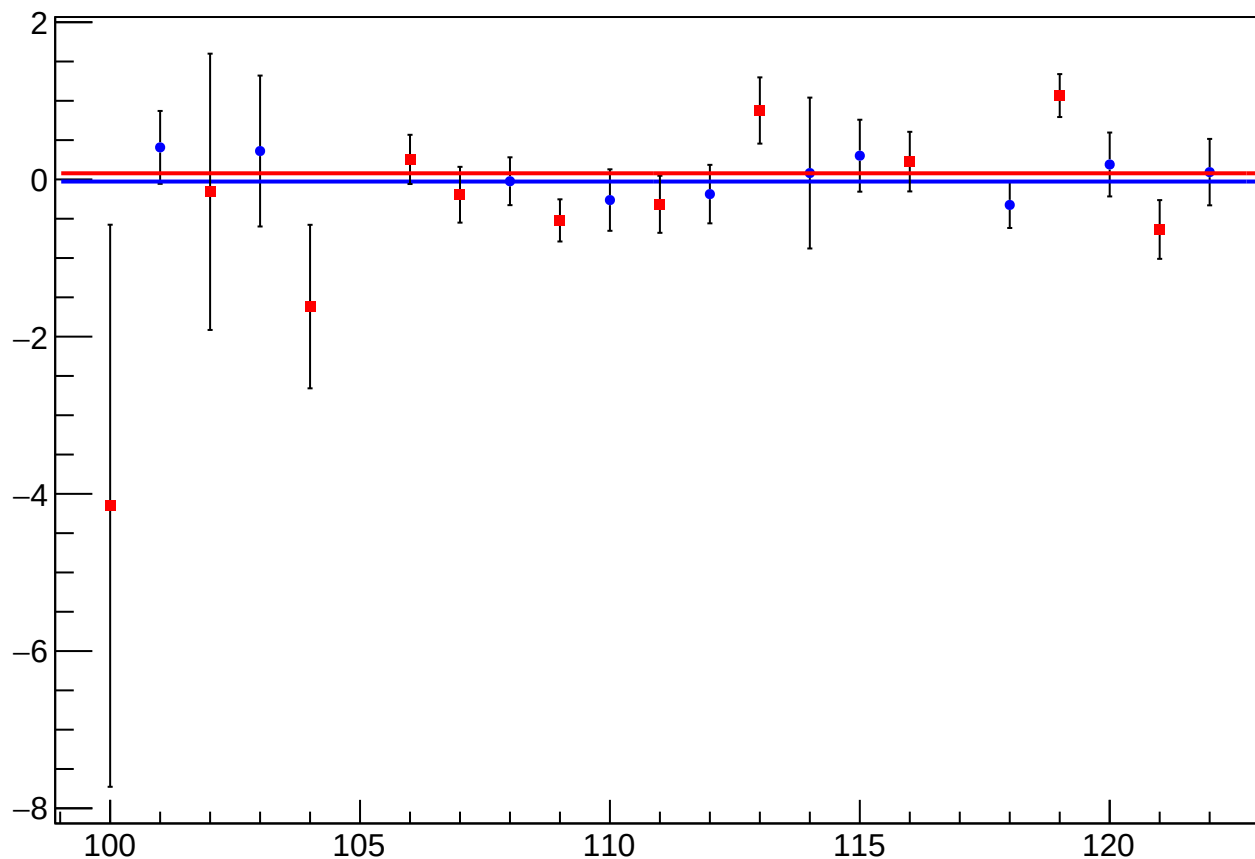
Right: 0.000+/-0.000 χ^2/NDF : 1923191.1/20

In: 0.000+/-0.000 χ^2/NDF : 627584.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1923191.1/20

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.130 χ^2/NDF : 3.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.078 ± 0.116 χ^2/NDF : 31.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

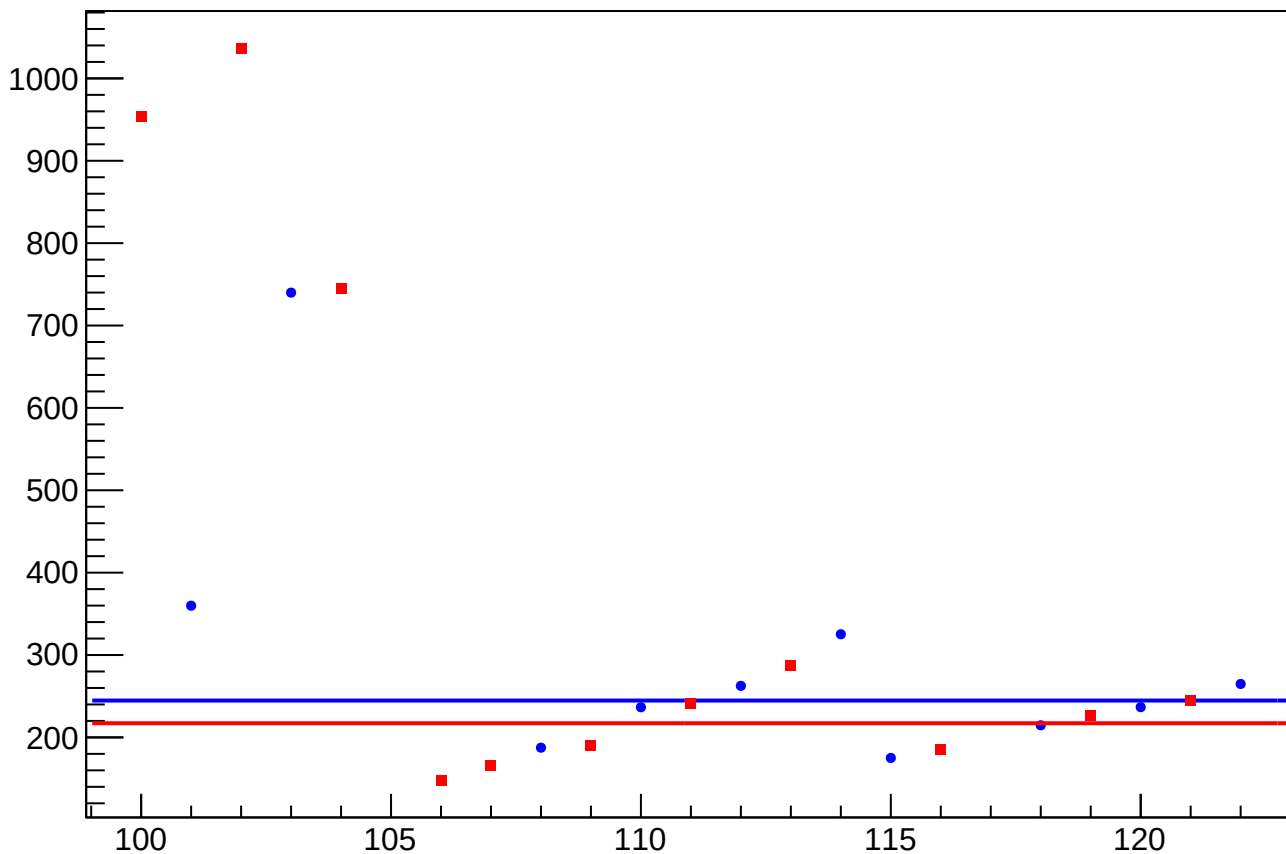
Right: 0.031 ± 0.087 χ^2/NDF : 35.5/20

In: -0.027 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.087 χ^2/NDF : 35.5/20

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.743+/-0.092 χ^2/NDF : 818720.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.200+/-0.082 χ^2/NDF : 1286777.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

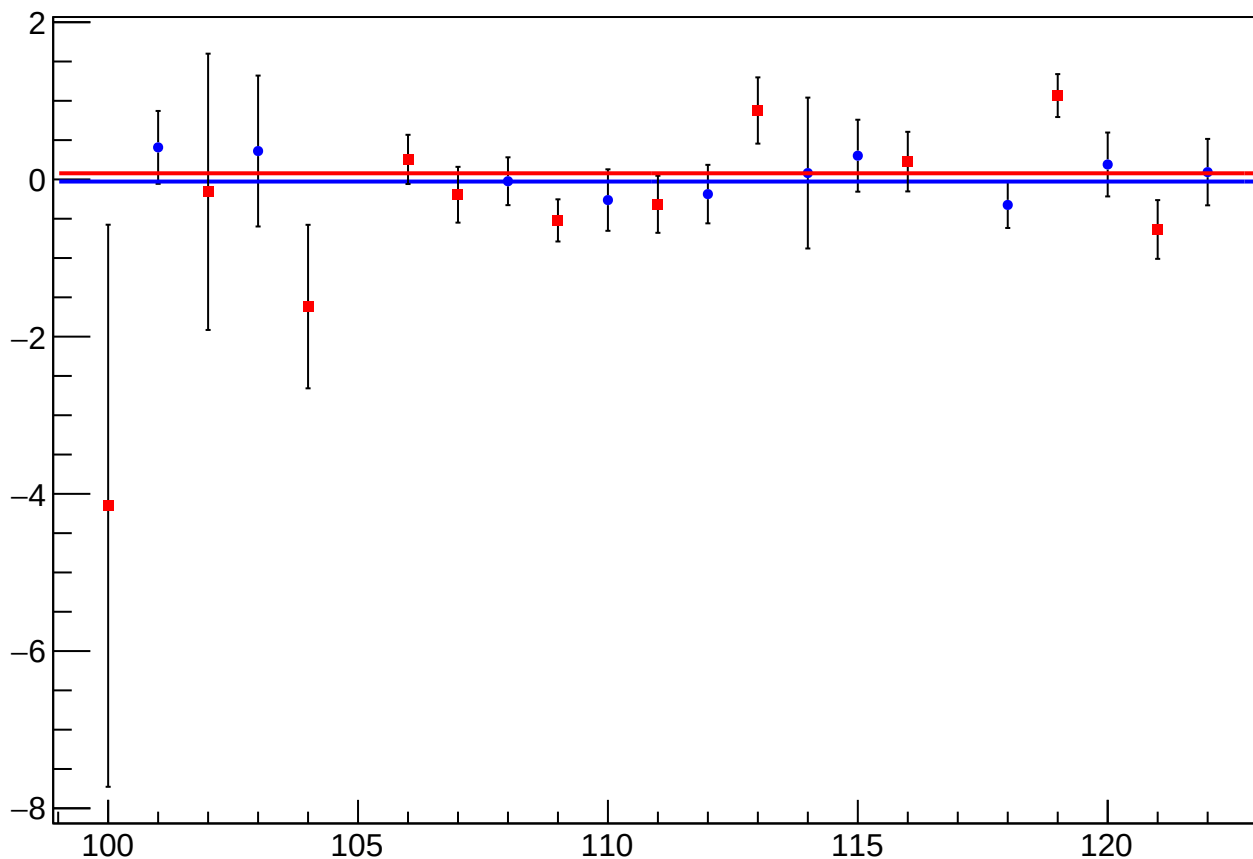
Right: 229.460+/-0.061 χ^2/NDF : 2155555.7/20

In: 244.743+/-0.092 χ^2/NDF : 818720.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.460+/-0.061 χ^2/NDF : 2155555.7/20

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.130 χ^2/NDF : 3.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.078 ± 0.116 χ^2/NDF : 31.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

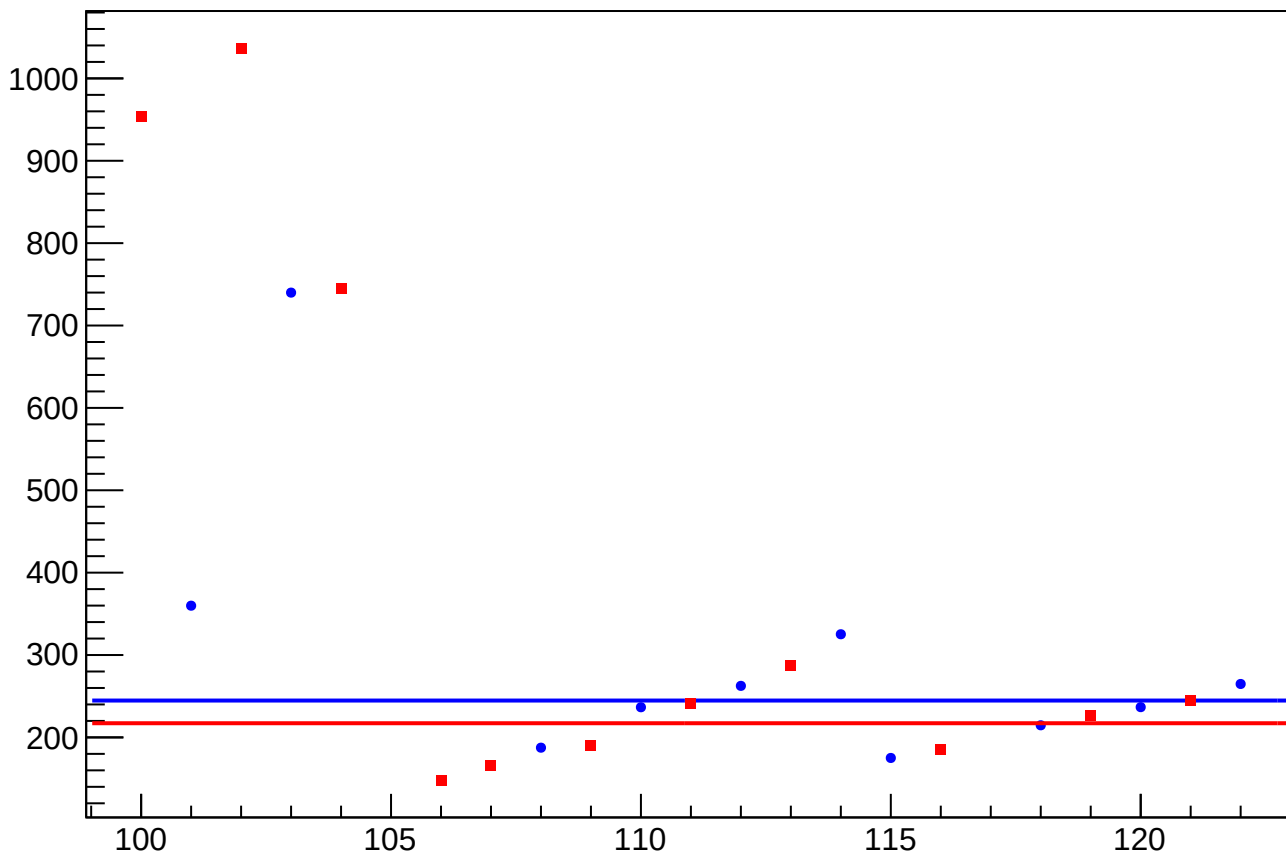
Right: 0.031 ± 0.087 χ^2/NDF : 35.5/20

In: -0.027 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.087 χ^2/NDF : 35.5/20

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.743+/-0.092 χ^2/NDF : 818720.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.200+/-0.082 χ^2/NDF : 1286777.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

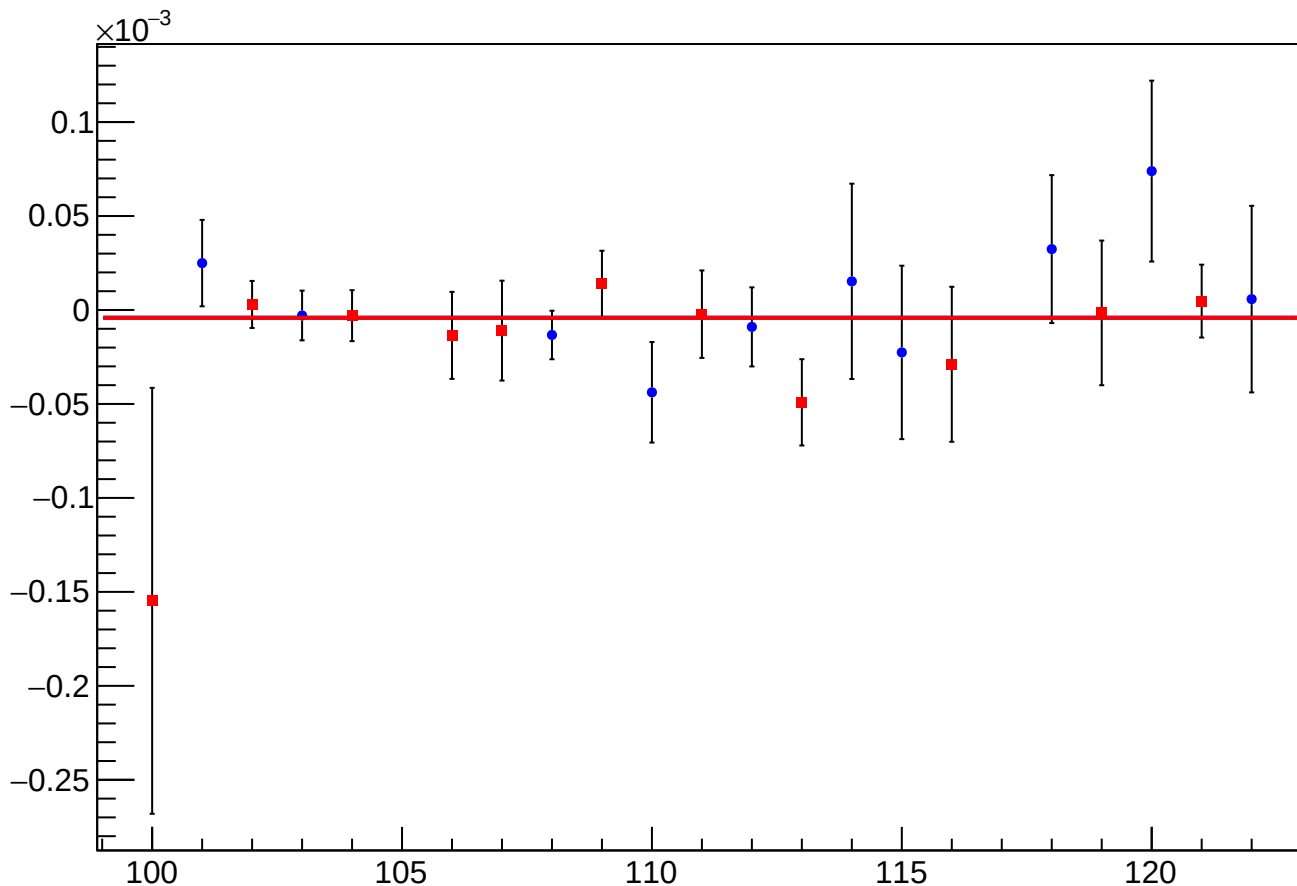
Right: 229.460+/-0.061 χ^2/NDF : 2155555.7/20

In: 244.743+/-0.092 χ^2/NDF : 818720.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.460+/-0.061 χ^2/NDF : 2155555.7/20

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 : 8.2/9

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

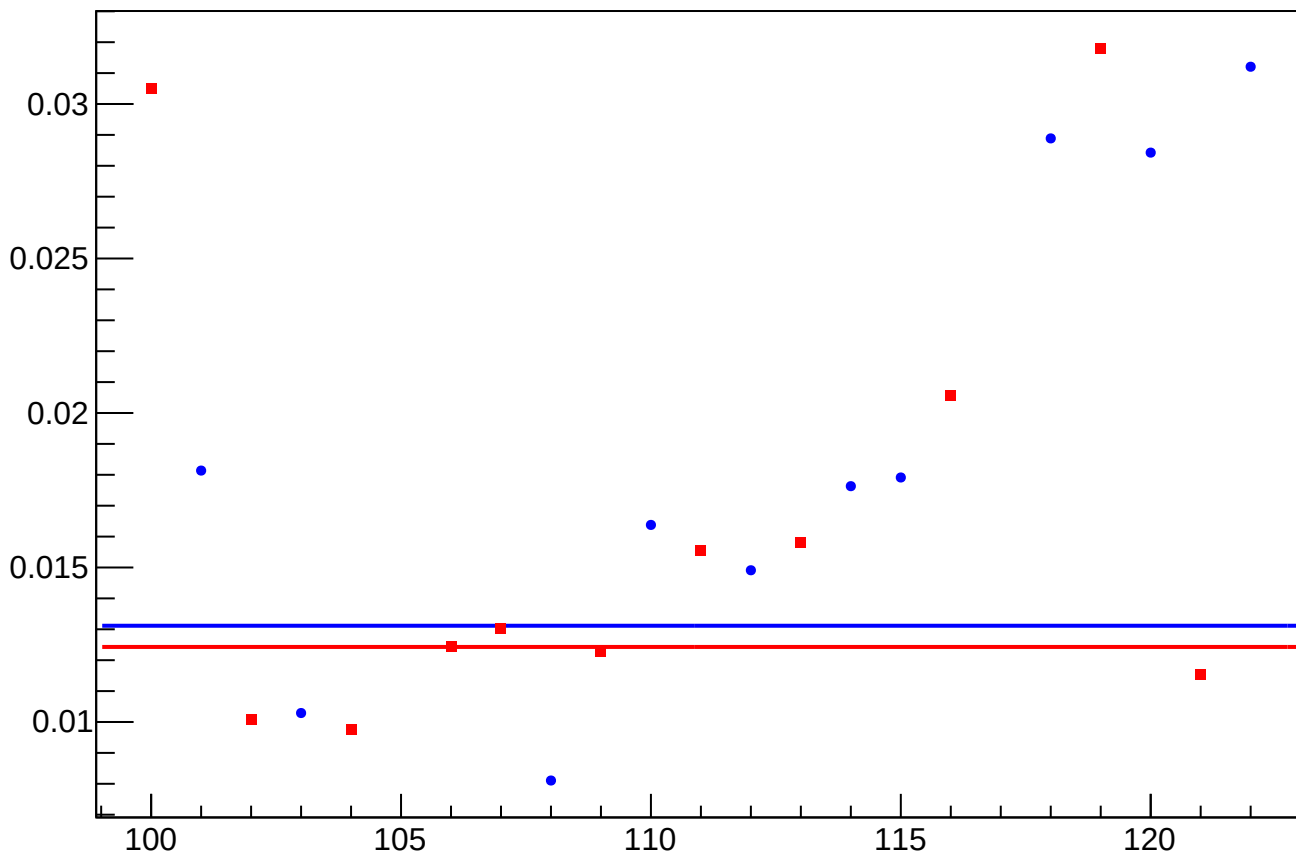
Right: -0.000+/-0.000 χ^2/NDF : 16.0/20

In: -0.000+/-0.000 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.0/20

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 : 1357560.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 866920.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

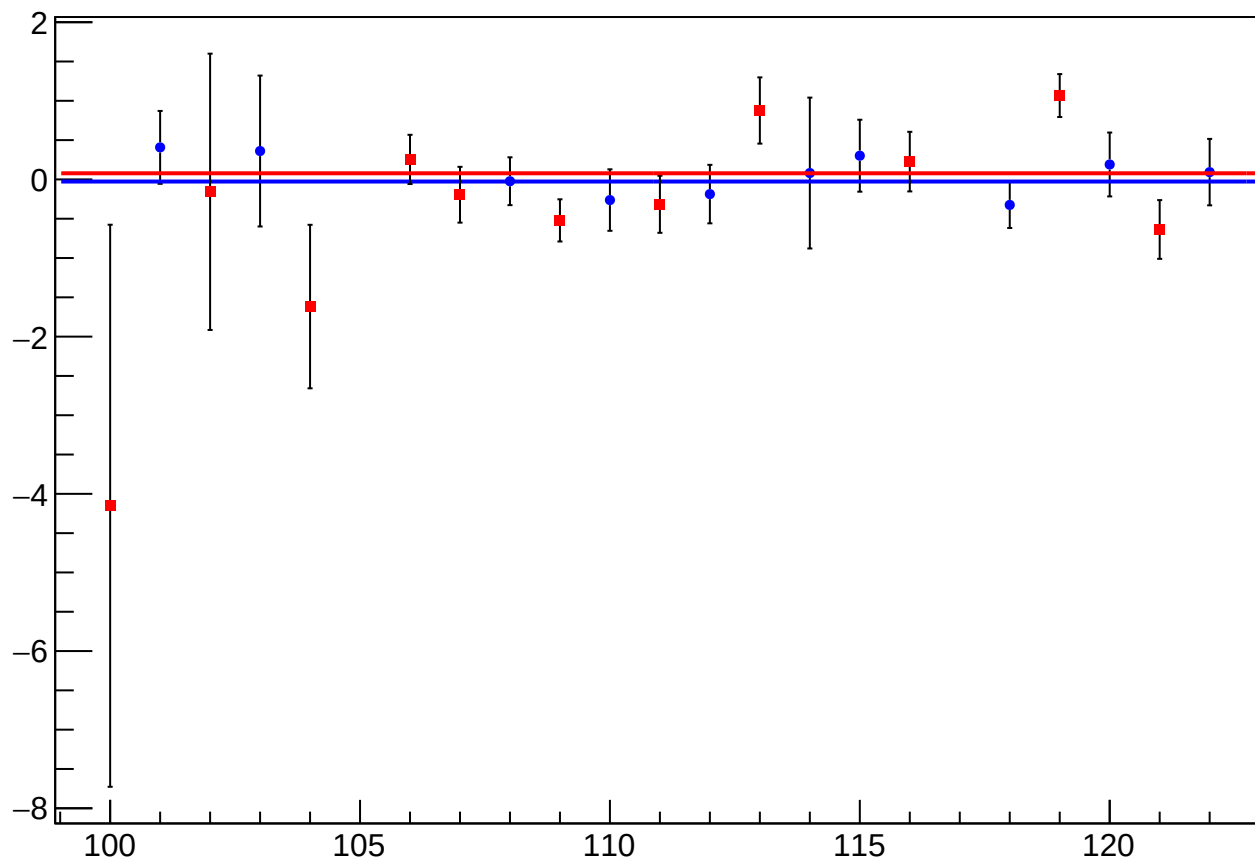
Right: 0.013+/-0.000 χ^2/NDF : 2235008.1/20

In: 0.013+/-0.000 χ^2/NDF :1357560.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2235008.1/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027+/-0.130 χ^2/NDF : 3.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.078+/-0.116 χ^2/NDF : 31.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

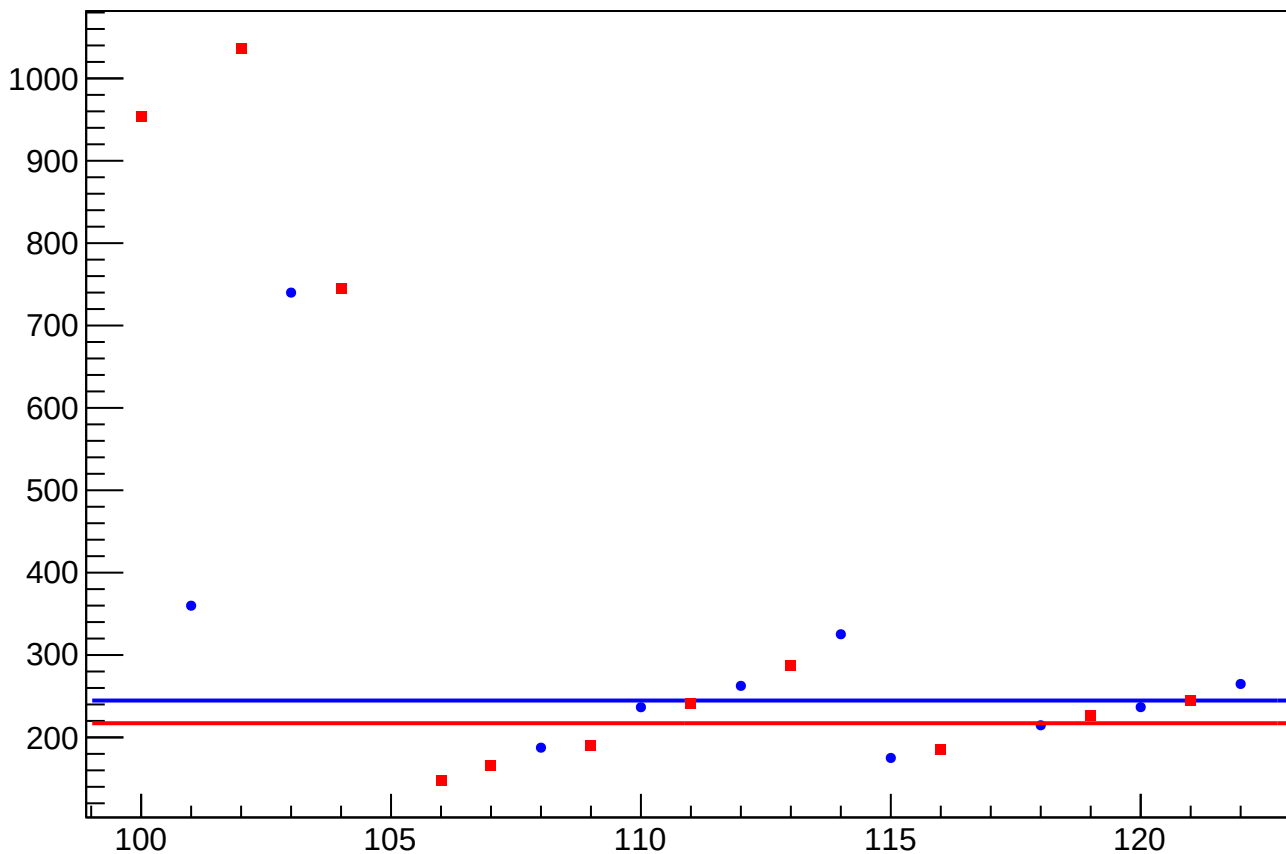
Right: 0.031+/-0.087 χ^2/NDF : 35.5/20

In: -0.027+/-0.130 χ^2/NDF :3.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.031+/-0.087 χ^2/NDF : 35.5/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.744+/-0.092 χ^2/NDF : 818703.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.201+/-0.082 χ^2/NDF : 1286775.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

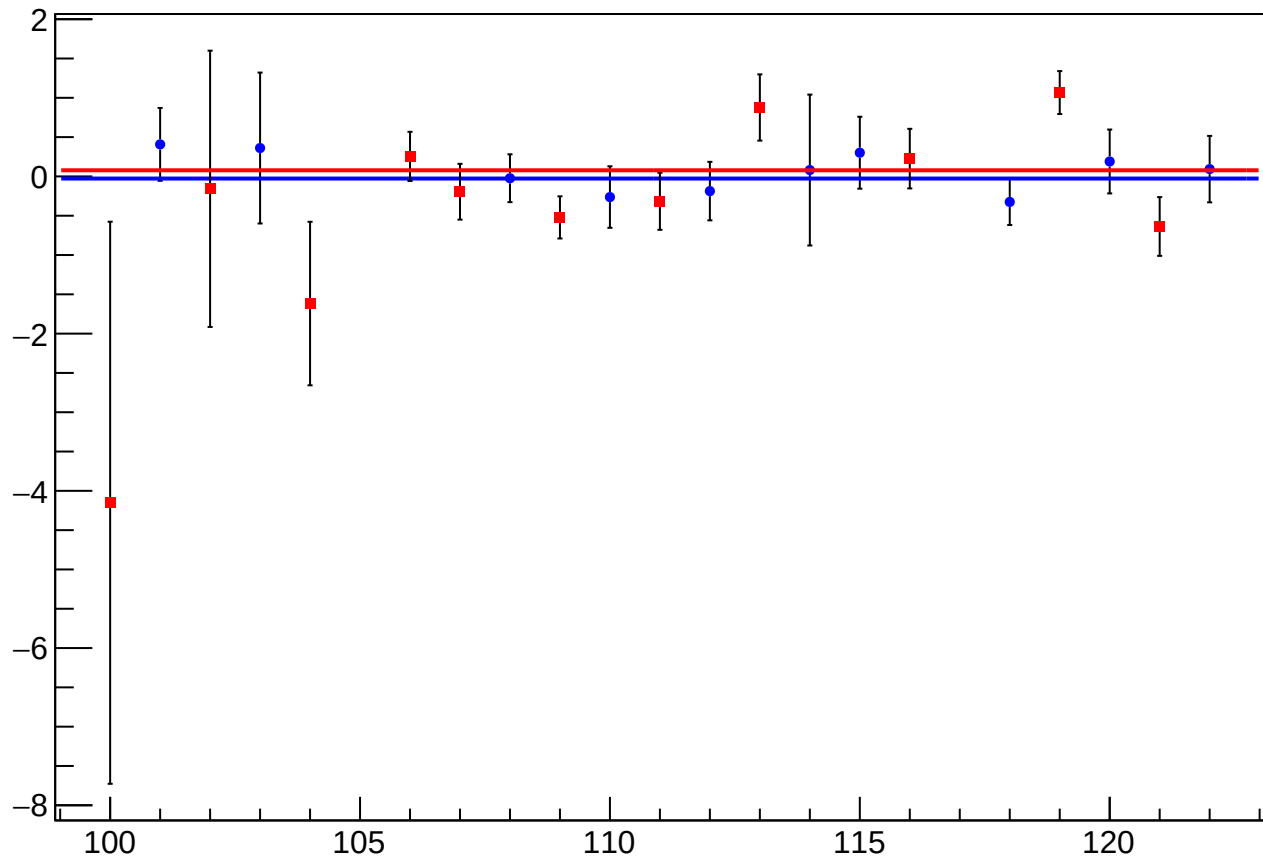
Right: 229.461+/-0.061 χ^2/NDF : 2155535.6/20

In: 244.744+/-0.092 χ^2/NDF : 818703.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.461+/-0.061 χ^2/NDF : 2155535.6/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027±/-0.130 χ^2 /NDF: 3.5/9

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.078±/-0.116 χ^2 /NDF: 31.7/10

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

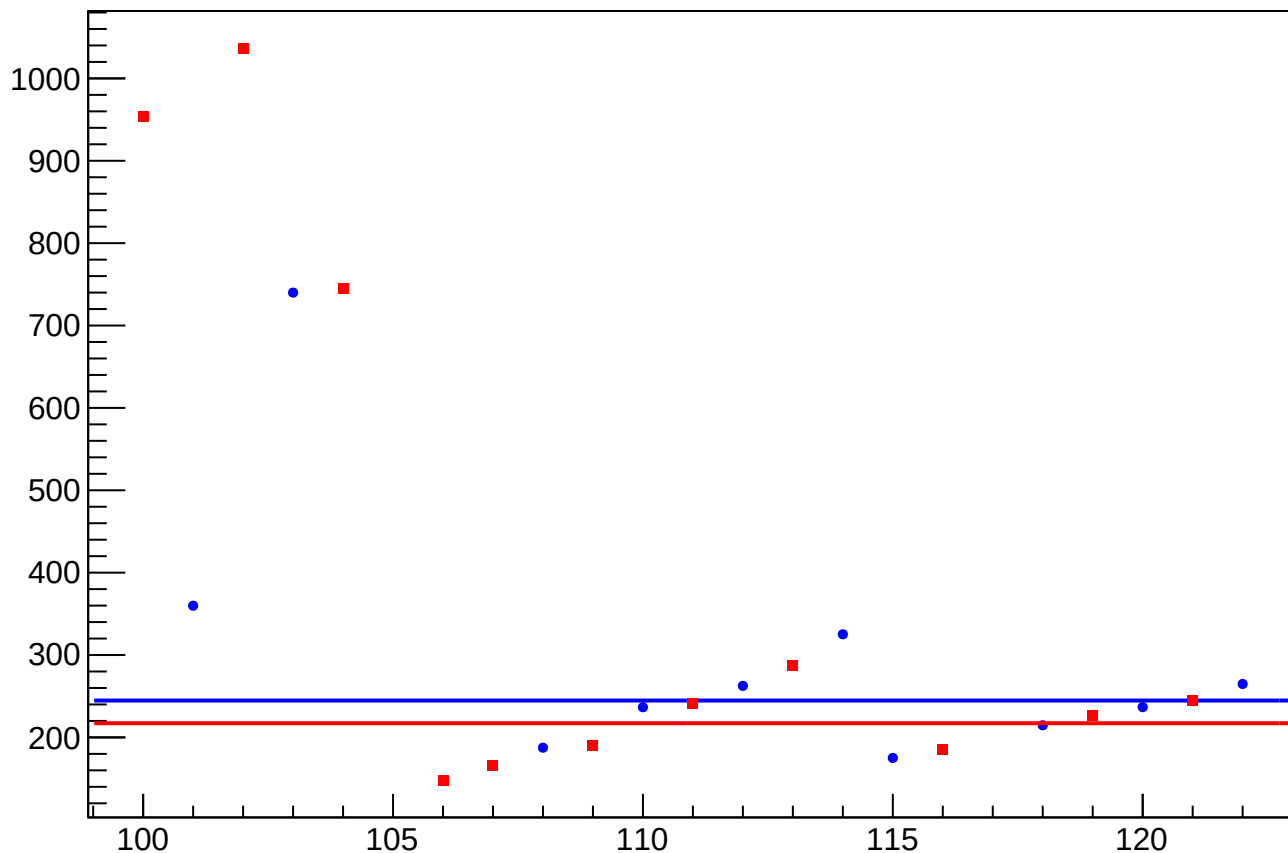
Right: 0.031±/-0.087 χ^2 /NDF: 35.5/20

In: -0.027±/-0.130 χ^2 /NDF:3.5/9

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: 0.031±/-0.087 χ^2 /NDF: 35.5/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.744+/-0.092 χ^2/NDF : 818703.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.201+/-0.082 χ^2/NDF : 1286775.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

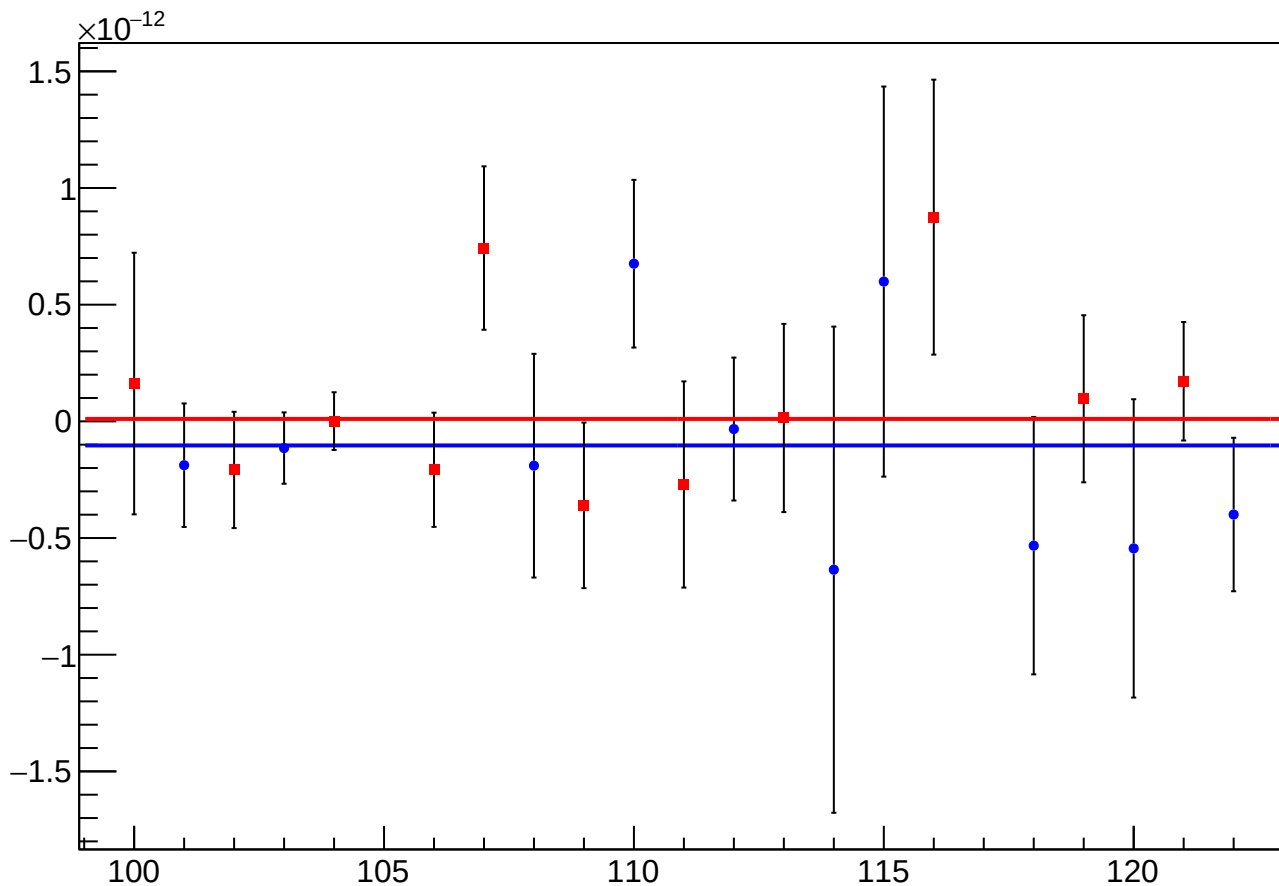
Right: 229.461+/-0.061 χ^2/NDF : 2155535.6/20

In: 244.744+/-0.092 χ^2/NDF : 818703.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.461+/-0.061 χ^2/NDF : 2155535.6/20

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.8/9

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

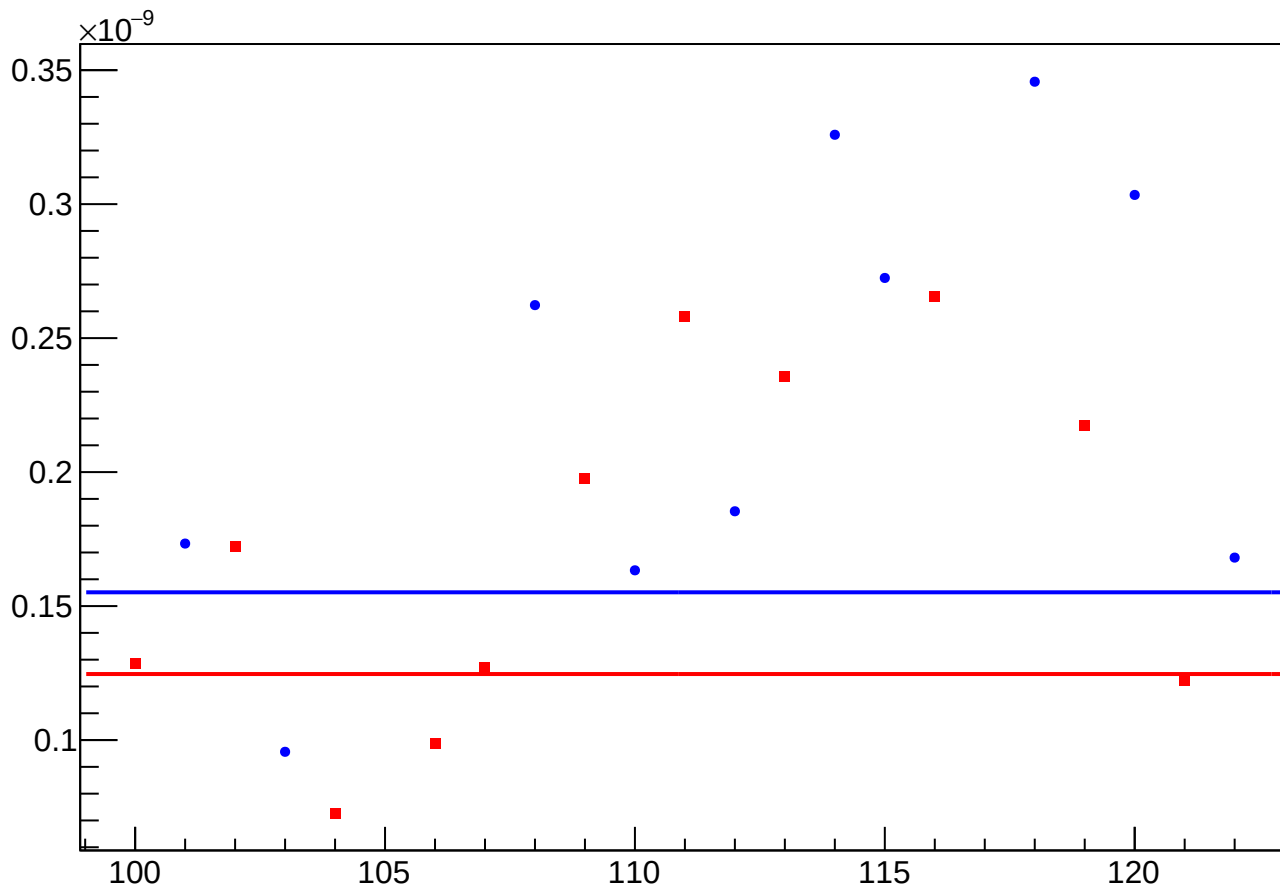
Right: -0.000+/-0.000 χ^2/NDF : 18.6/20

In: -0.000+/-0.000 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.6/20

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 : 875645.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1117672.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

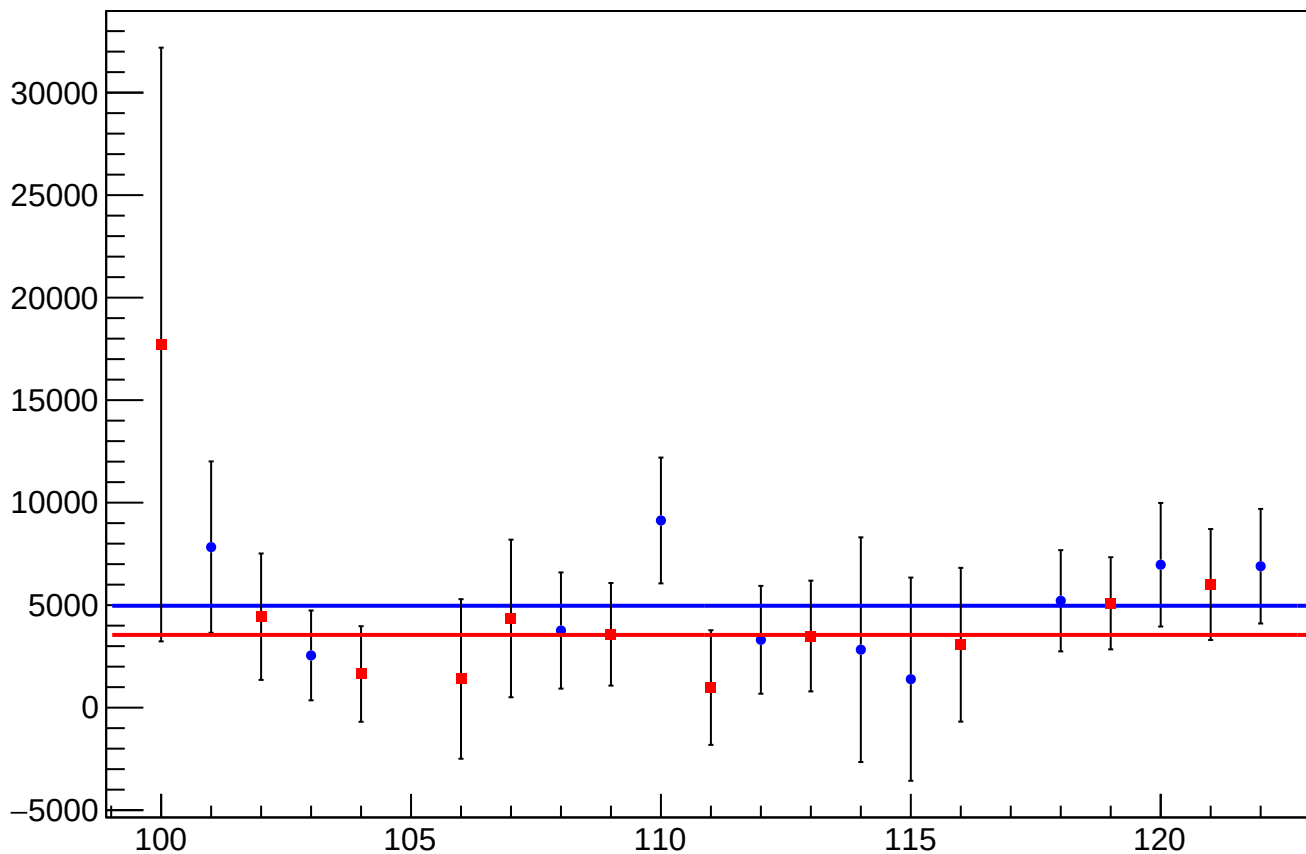
Right: 0.000+/-0.000 χ^2/NDF : 2104390.2/20

In: 0.000+/-0.000 χ^2/NDF : 875645.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2104390.2/20

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4969.969+/-946.148 χ^2/NDF : 5.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3547.090+/-891.763 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

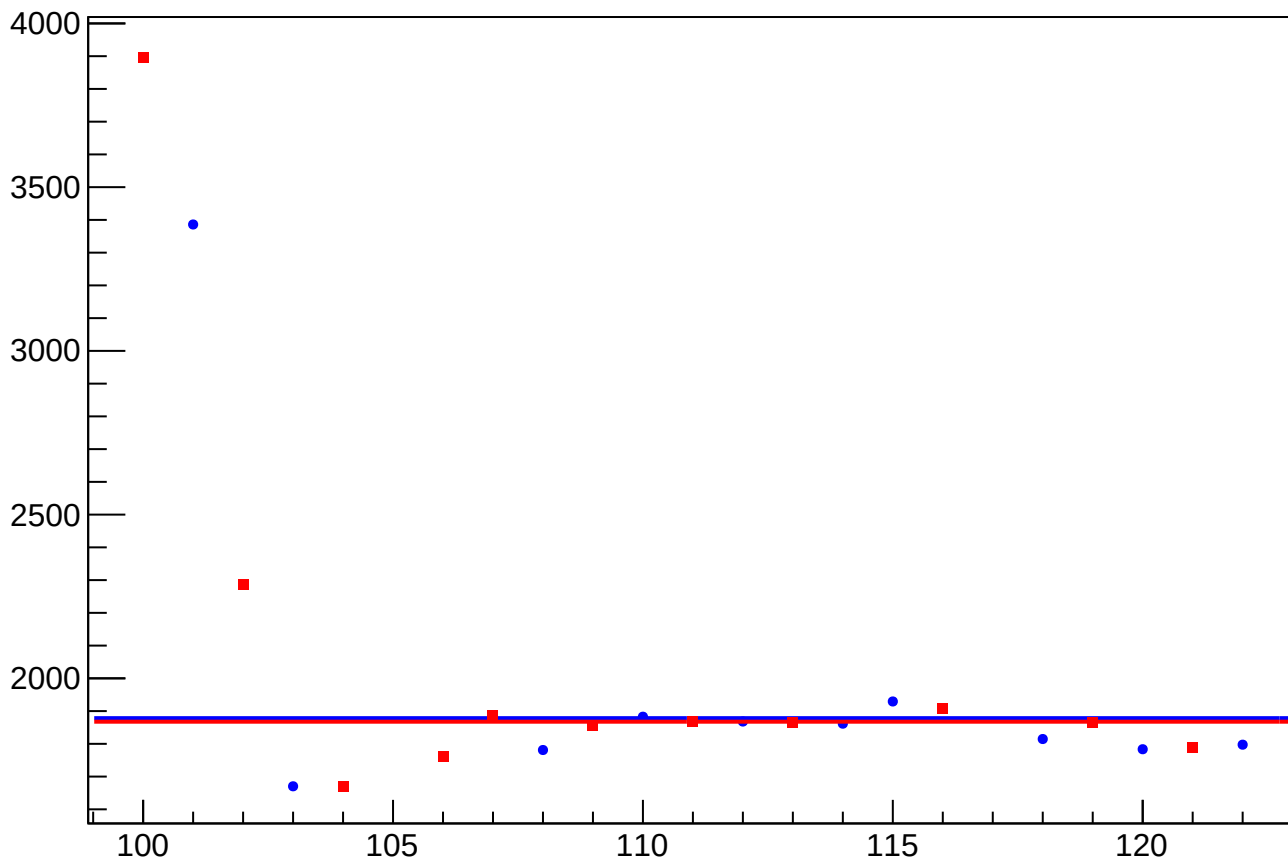
Right: 4216.462+/-648.946 χ^2/NDF : 11.1/20

In: 4969.969+/-946.148 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4216.462+/-648.946 χ^2/NDF : 11.1/20

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1878.429+/-0.669 χ^2/NDF : 285800.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1867.610+/-0.627 χ^2/NDF : 94293.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

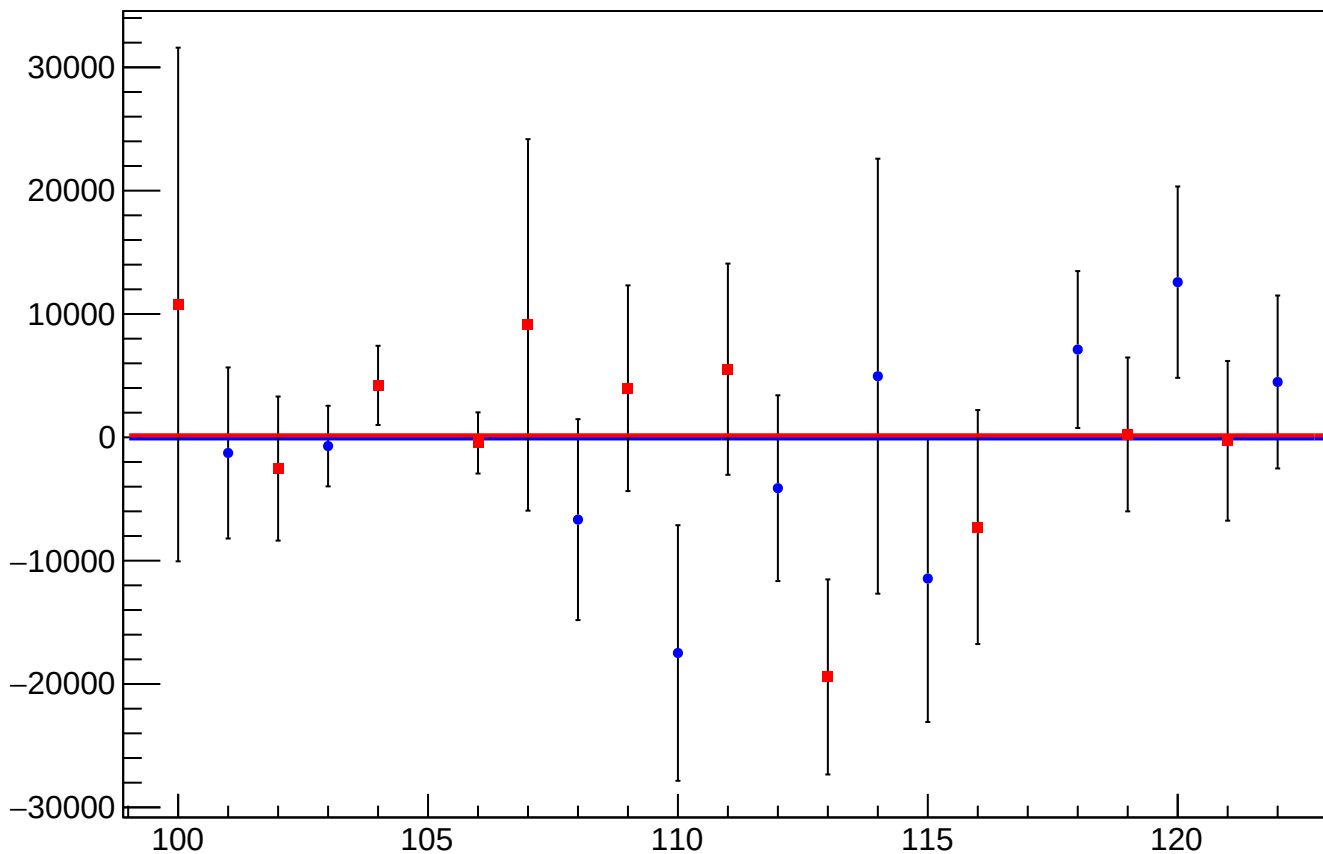
Right: 1872.673+/-0.458 χ^2/NDF : 380232.5/20

In: 1878.429+/-0.669 χ^2/NDF :285800.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1872.673+/-0.458 χ^2/NDF : 380232.5/20

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -92.447+/-2090.954 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 166.285+/-1580.533 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

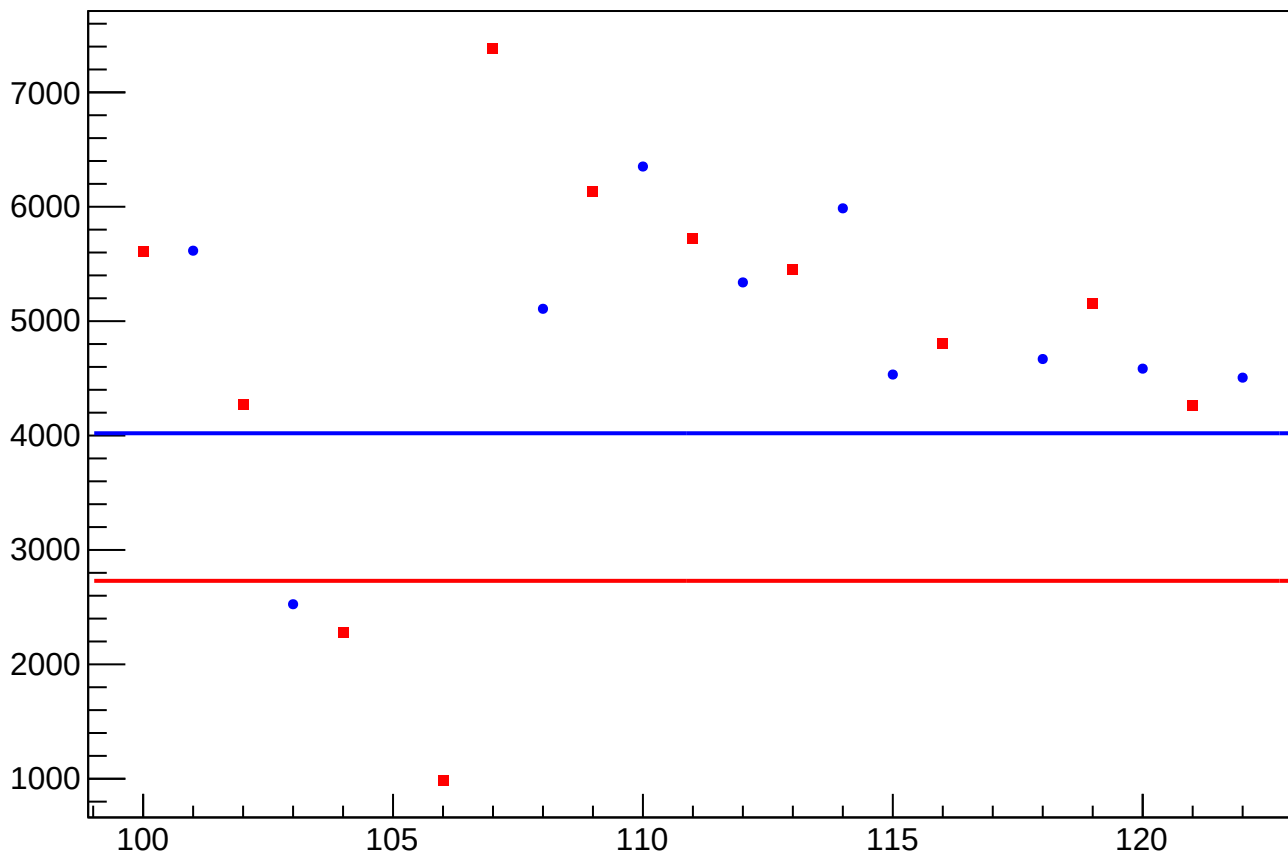
Right: 72.207+/-1260.852 χ^2/NDF : 19.1/20

In: -92.447+/-2090.954 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.207+/-1260.852 χ^2/NDF : 19.1/20

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4020.073+/-1.479 χ^2/NDF : 792292.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2730.049+/-1.118 χ^2/NDF : 2721670.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

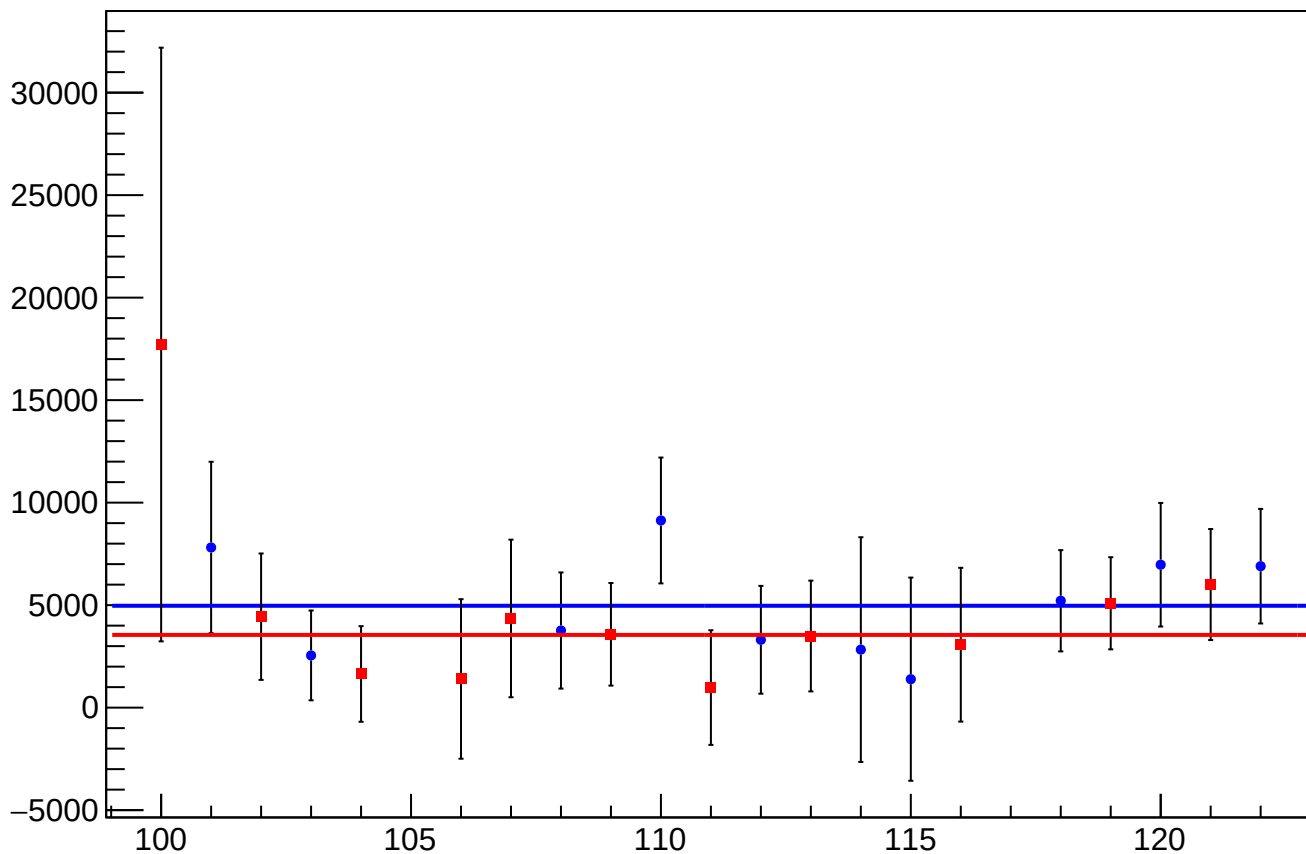
Right: 3199.118+/-0.892 χ^2/NDF : 3998422.0/20

In: 4020.073+/-1.479 χ^2/NDF : 792292.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3199.118+/-0.892 χ^2/NDF : 3998422.0/20

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4969.268+/-946.148 χ^2/NDF : 5.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3546.833+/-891.763 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

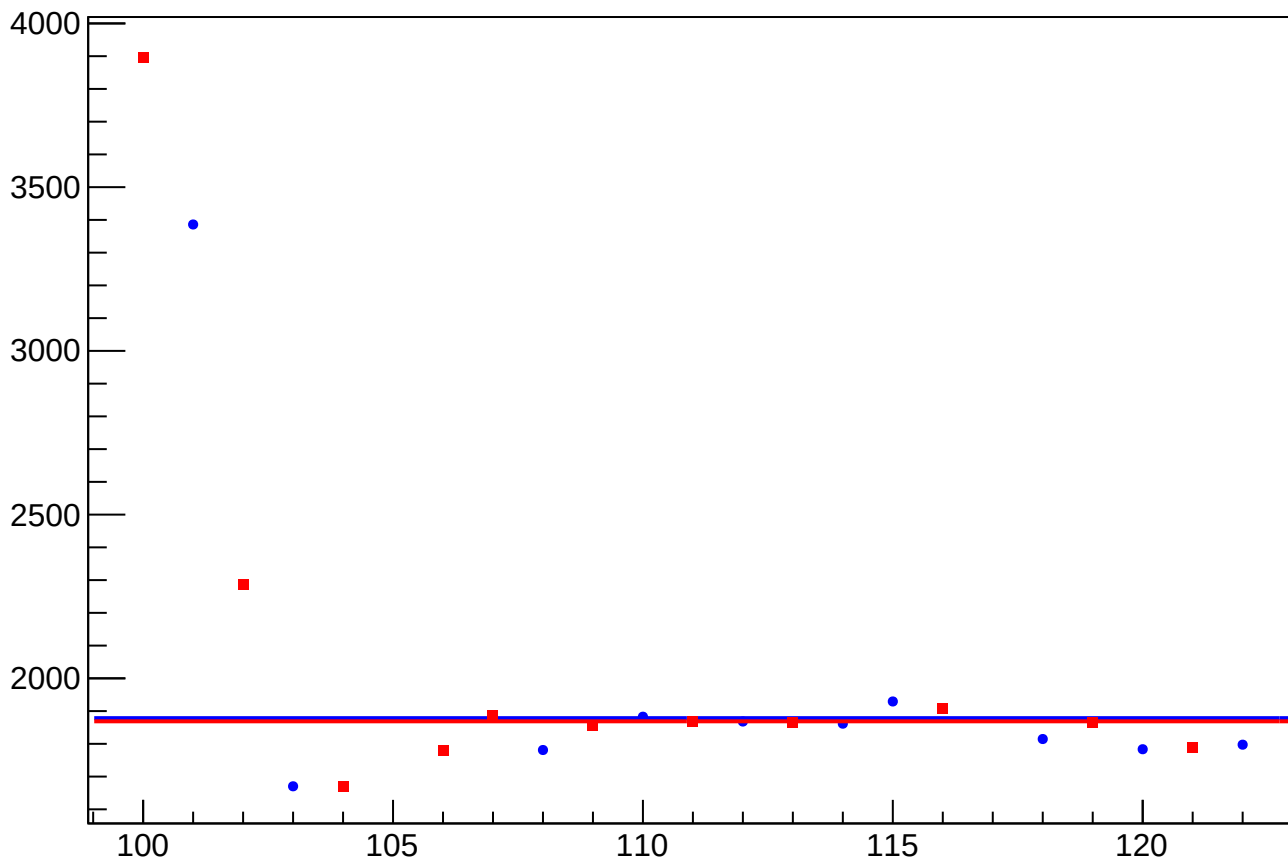
Right: 4215.996+/-648.947 χ^2/NDF : 11.1/20

In: 4969.268+/-946.148 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4215.996+/-648.947 χ^2/NDF : 11.1/20

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1878.429+/-0.669 χ^2/NDF : 285801.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.781+/-0.628 χ^2/NDF : 93740.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

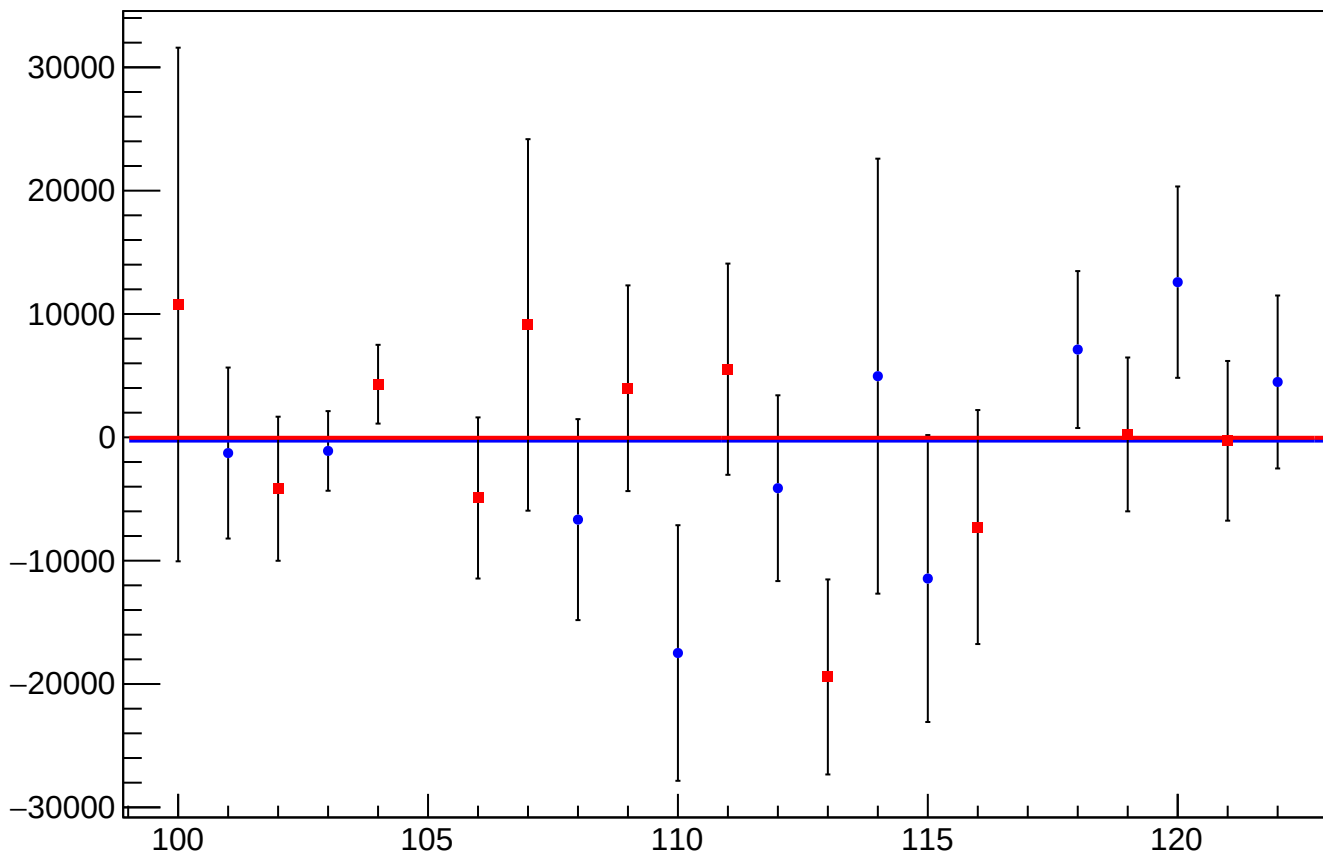
Right: 1873.298+/-0.458 χ^2/NDF : 379653.2/20

In: 1878.429+/-0.669 χ^2/NDF : 285801.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.298+/-0.458 χ^2/NDF : 379653.2/20

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -263.055+/-2080.480 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.413+/-1952.891 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

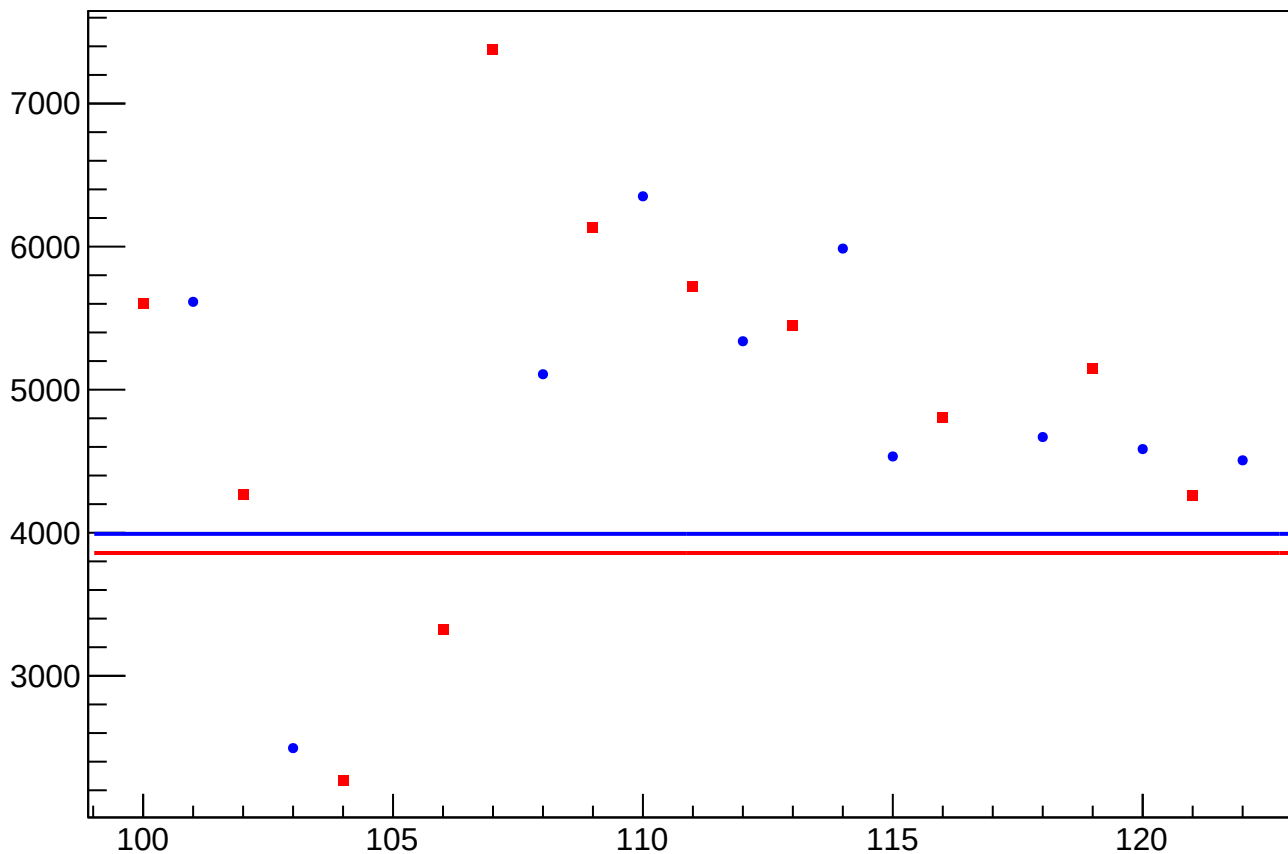
Right: -142.572+/-1423.873 χ^2/NDF : 20.1/20

In: -263.055+/-2080.480 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.572+/-1423.873 χ^2/NDF : 20.1/20

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3992.321+/-1.471 χ^2/NDF : 819919.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3858.534+/-1.381 χ^2/NDF : 1080730.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

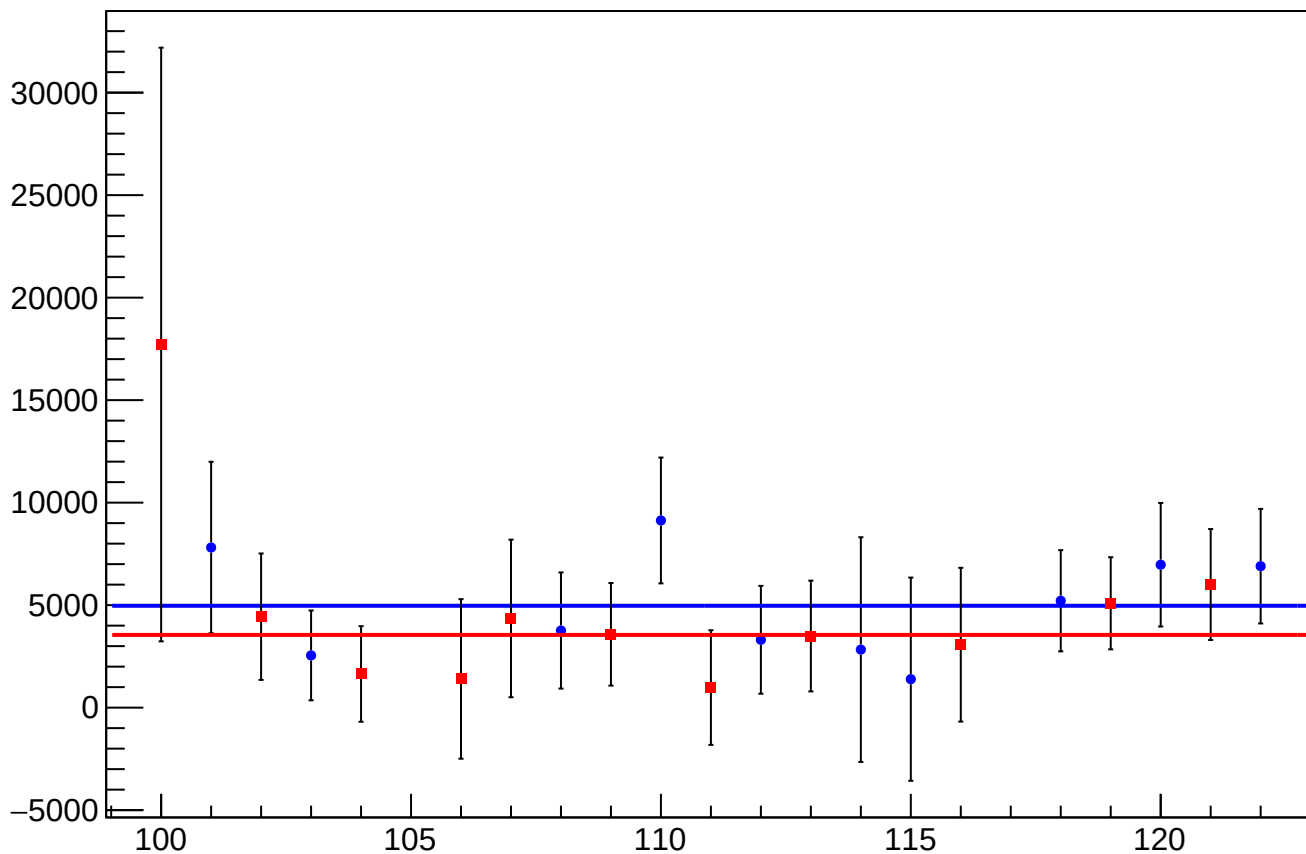
Right: 3921.199+/-1.007 χ^2/NDF : 1905046.1/20

In: 3992.321+/-1.471 χ^2/NDF : 819919.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3921.199+/-1.007 χ^2/NDF : 1905046.1/20

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4969.268+/-946.148 χ^2/NDF : 5.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3546.833+/-891.763 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

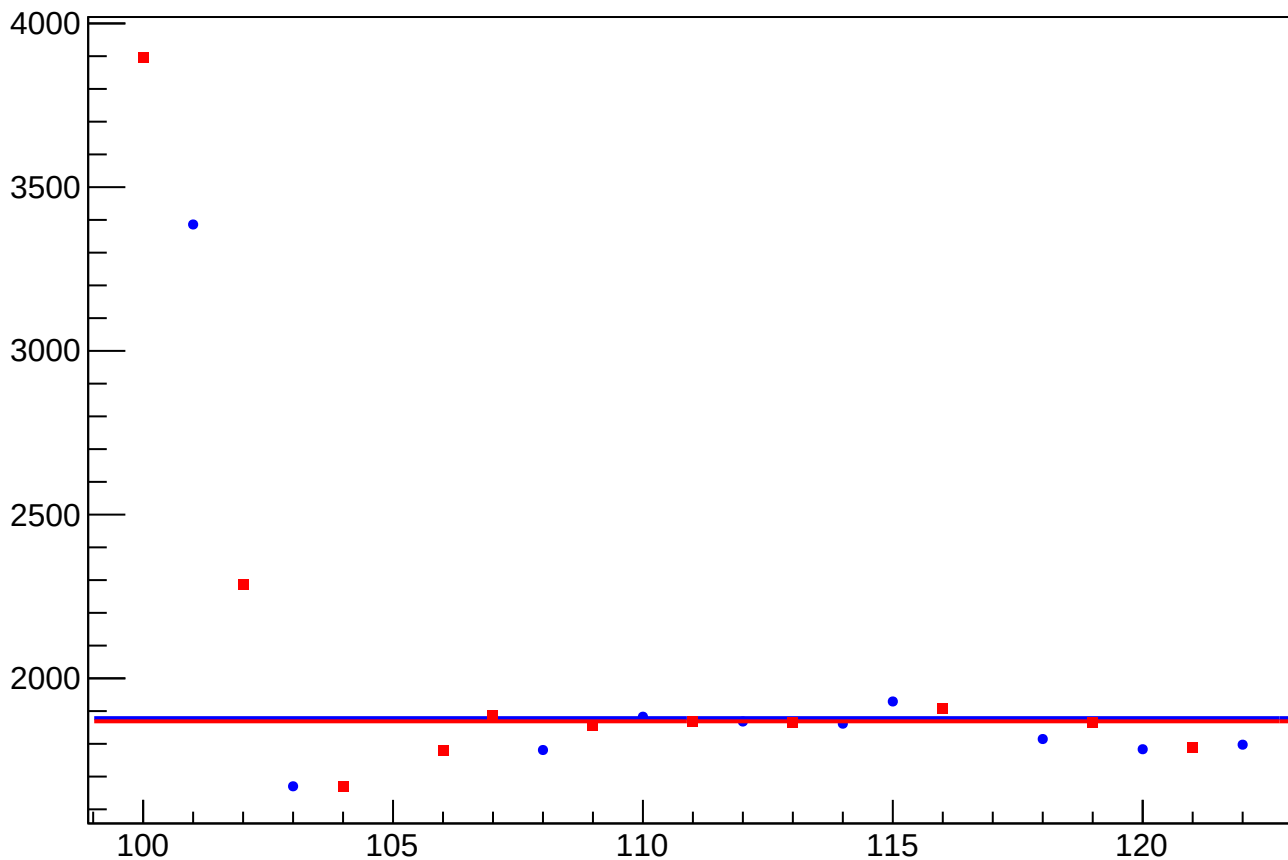
Right: 4215.996+/-648.947 χ^2/NDF : 11.1/20

In: 4969.268+/-946.148 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4215.996+/-648.947 χ^2/NDF : 11.1/20

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1878.429+/-0.669 χ^2/NDF : 285801.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1868.781+/-0.628 χ^2/NDF : 93740.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

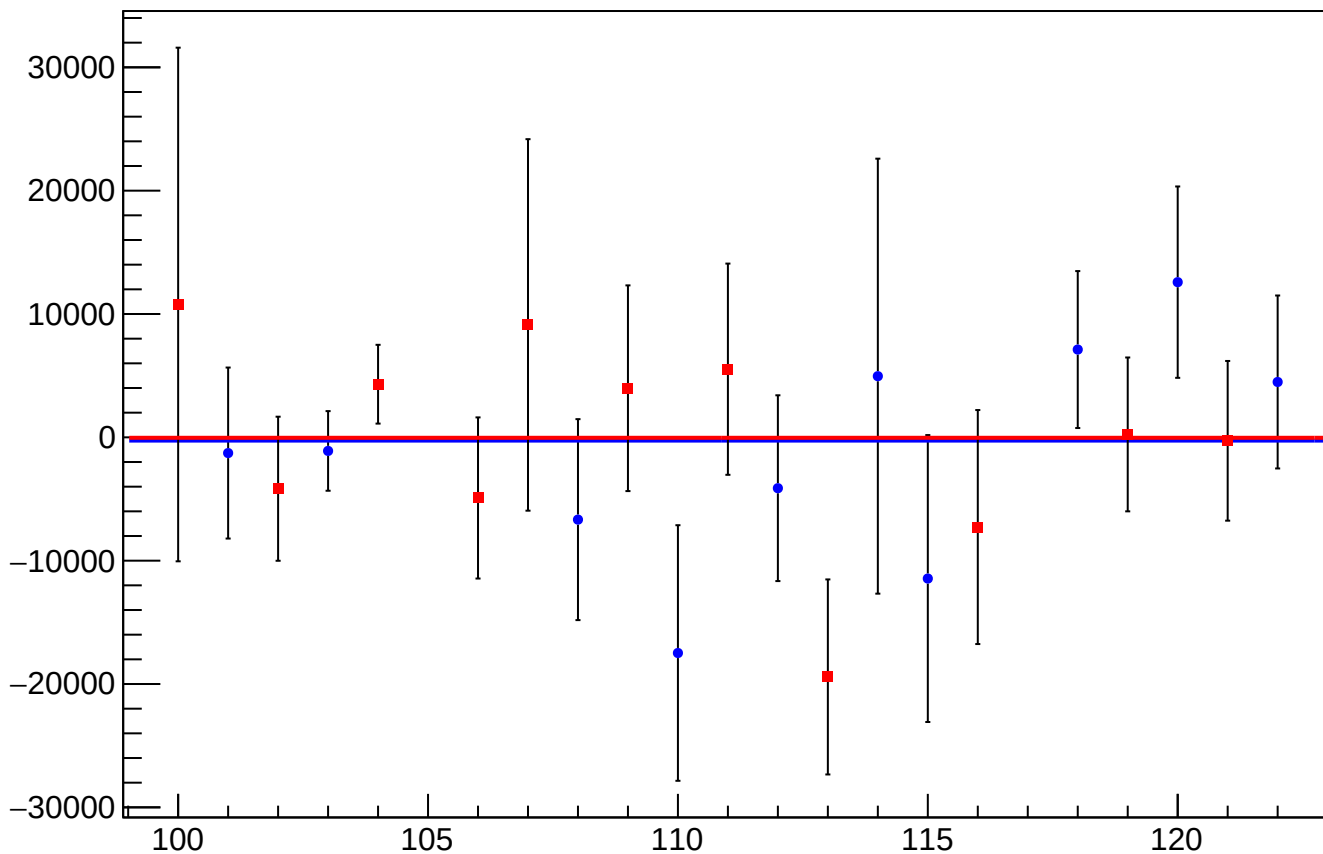
Right: 1873.298+/-0.458 χ^2/NDF : 379653.2/20

In: 1878.429+/-0.669 χ^2/NDF :285801.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1873.298+/-0.458 χ^2/NDF : 379653.2/20

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -263.055+/-2080.480 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -36.413+/-1952.891 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

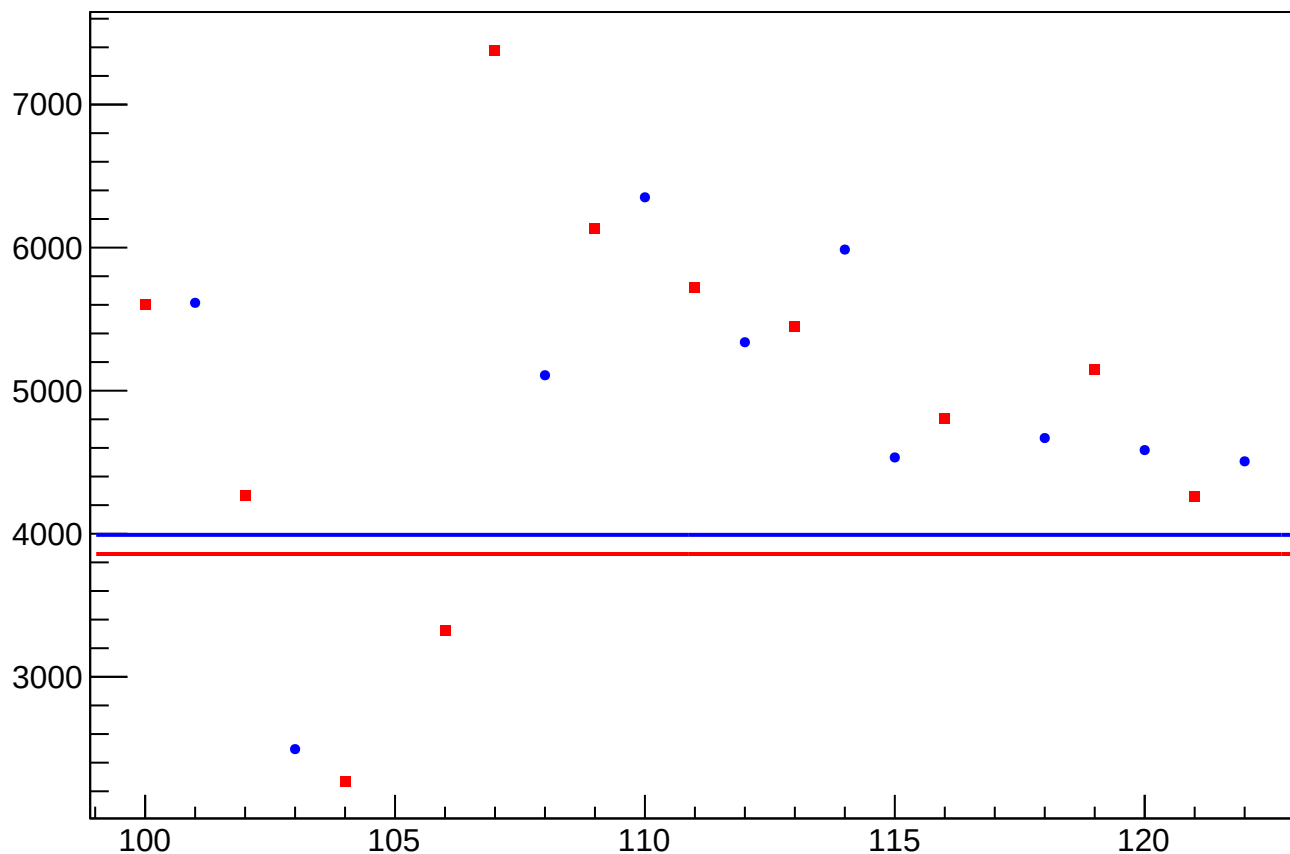
Right: -142.572+/-1423.873 χ^2/NDF : 20.1/20

In: -263.055+/-2080.480 χ^2/NDF :9.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -142.572+/-1423.873 χ^2/NDF : 20.1/20

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3992.321+/-1.471 χ^2/NDF : 819919.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3858.534+/-1.381 χ^2/NDF : 1080730.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

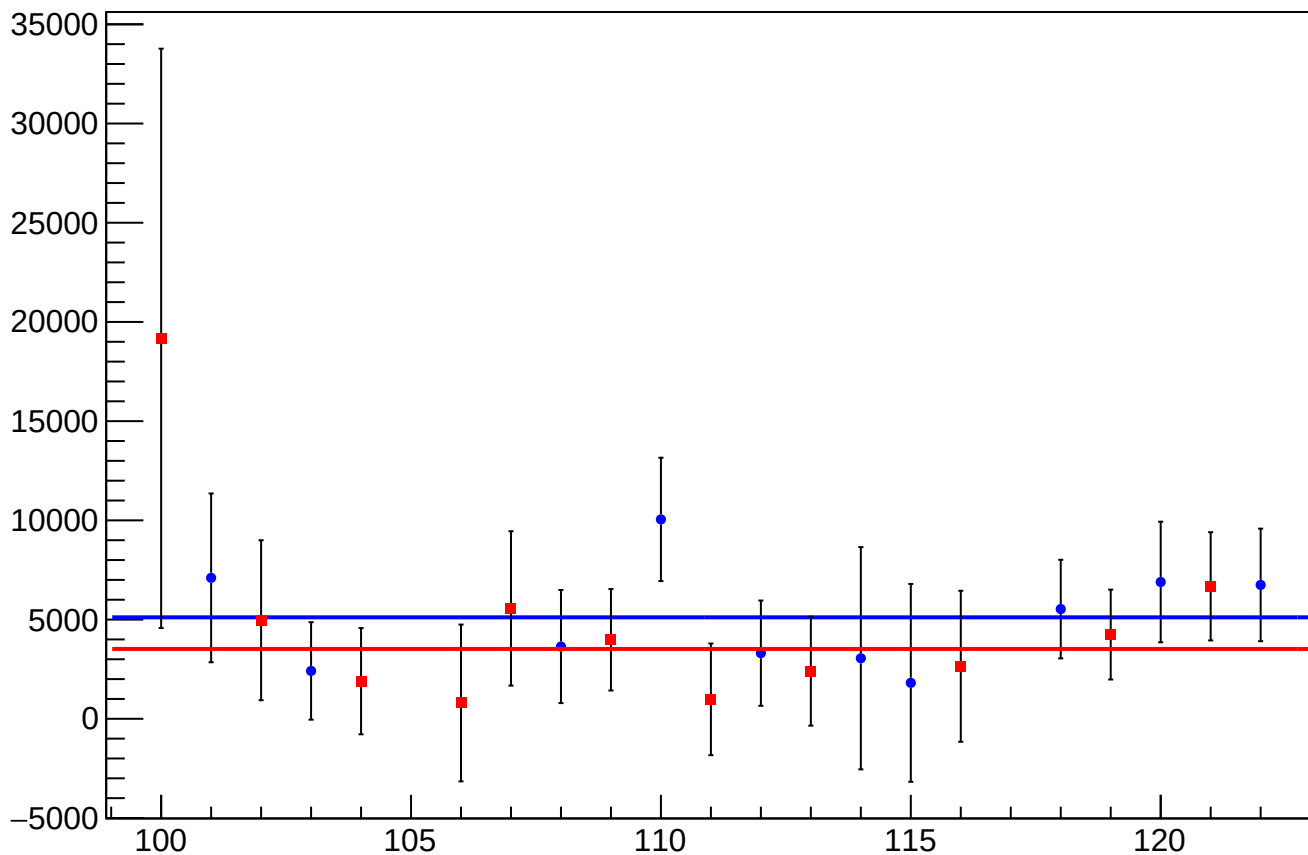
Right: 3921.199+/-1.007 χ^2/NDF : 1905046.1/20

In: 3992.321+/-1.471 χ^2/NDF : 819919.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3921.199+/-1.007 χ^2/NDF : 1905046.1/20

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5113.038+/-973.024 χ^2/NDF : 6.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3521.665+/-933.835 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

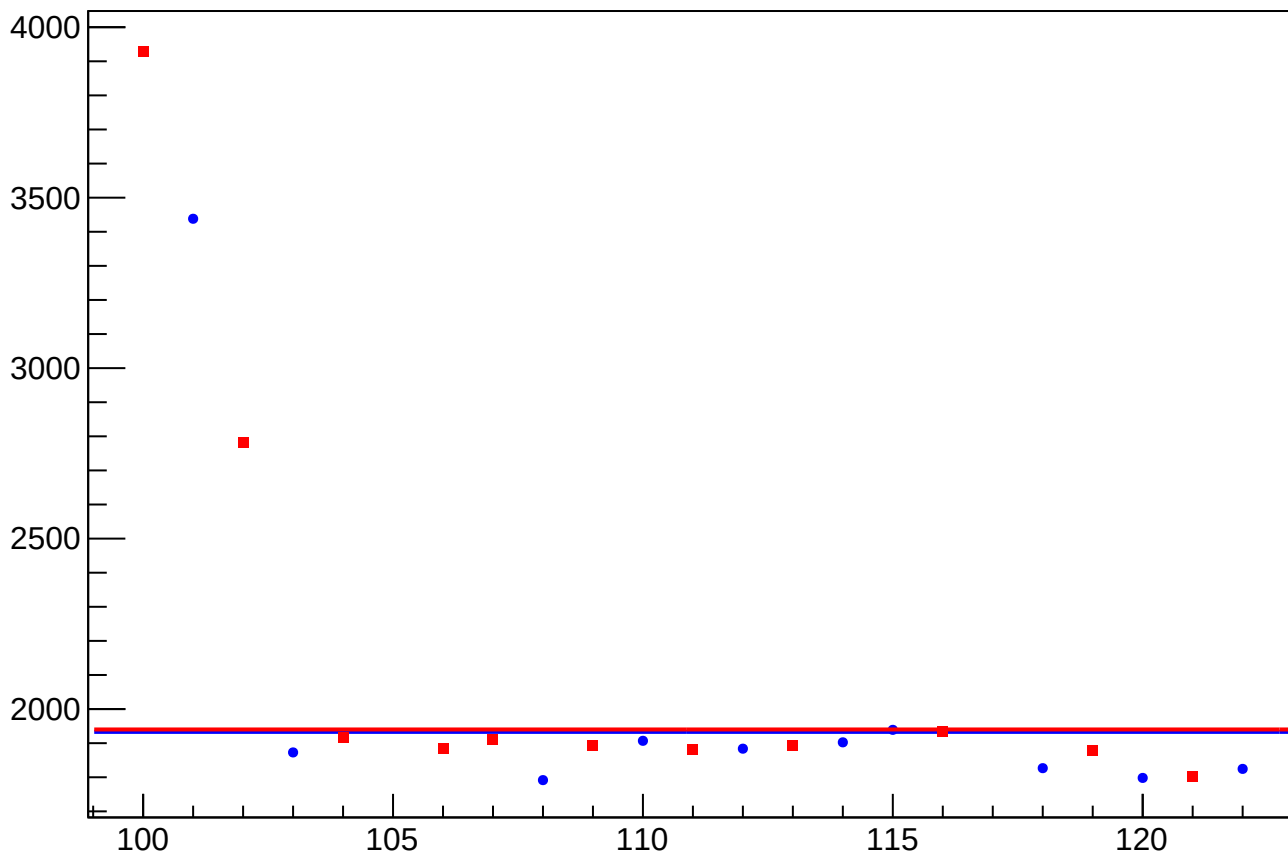
Right: 4284.660+/-673.749 χ^2/NDF : 12.3/20

In: 5113.038+/-973.024 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4284.660+/-673.749 χ^2/NDF : 12.3/20

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1933.124+/-0.688 χ^2/NDF : 267989.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.191+/-0.659 χ^2/NDF : 133686.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

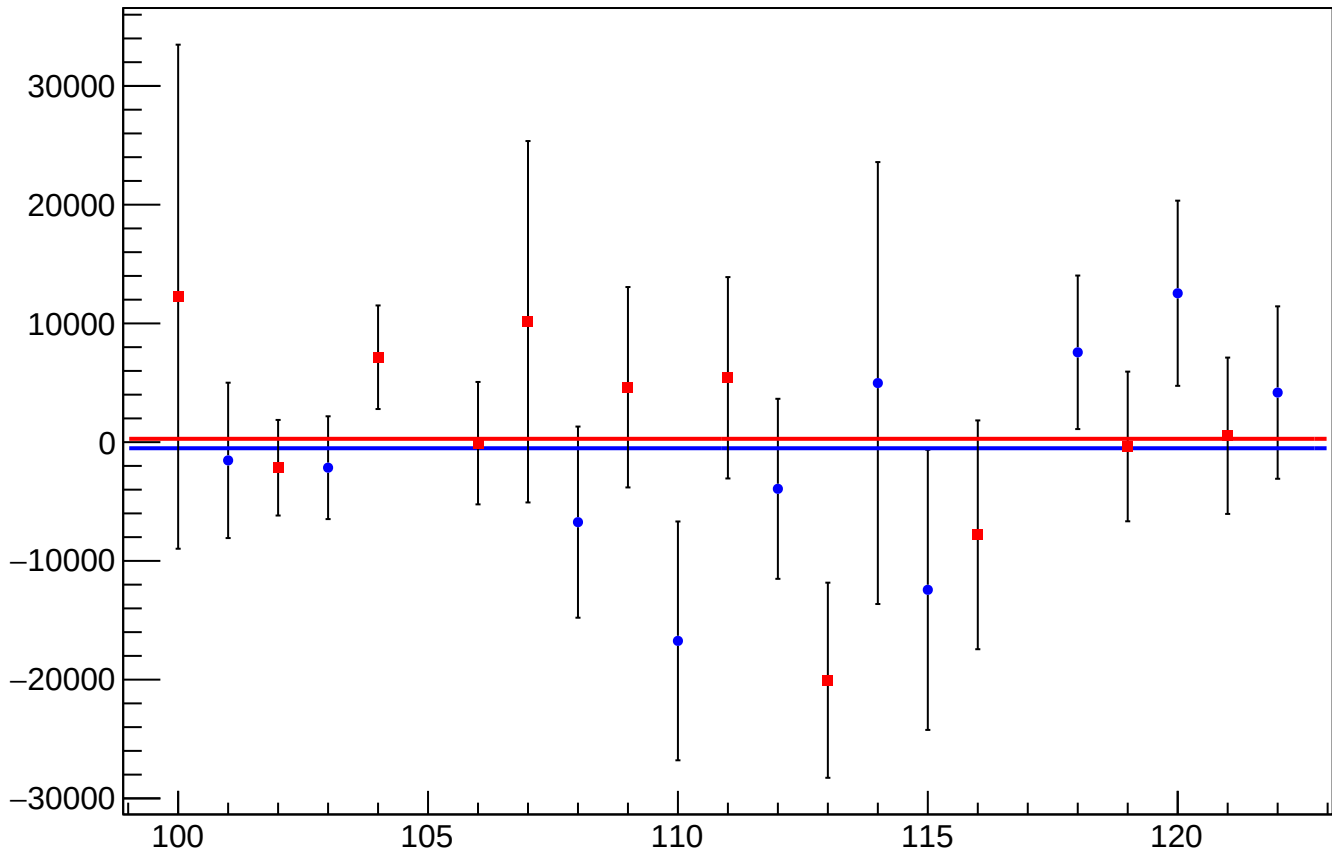
Right: 1936.809+/-0.476 χ^2/NDF : 401730.6/20

In: 1933.124+/-0.688 χ^2/NDF : 267989.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.809+/-0.476 χ^2/NDF : 401730.6/20

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -512.716+/-2301.105 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 282.255+/-1960.381 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

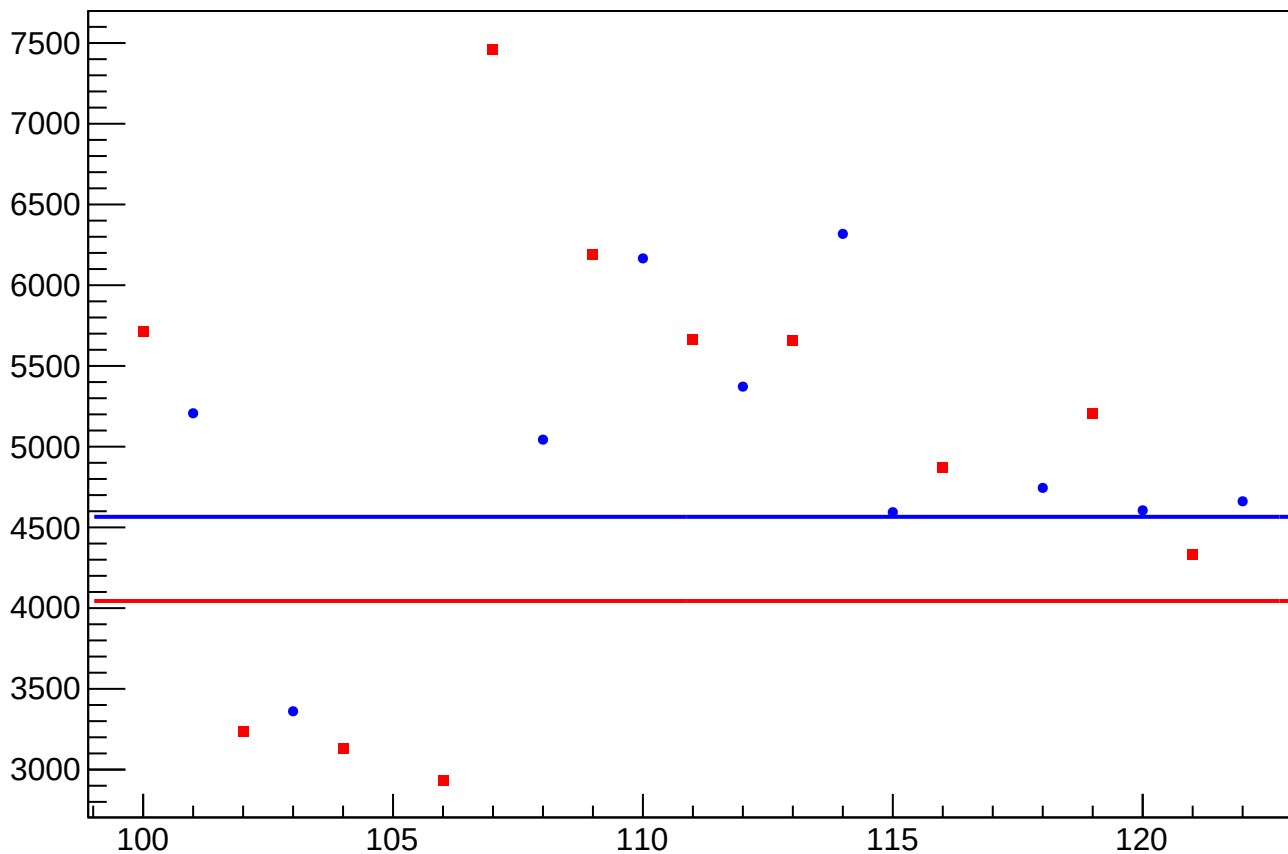
Right: -52.073+/-1492.269 χ^2/NDF : 20.6/20

In: -512.716+/-2301.105 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.073+/-1492.269 χ^2/NDF : 20.6/20

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4565.478+/-1.627 χ^2/NDF : 274040.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4044.262+/-1.386 χ^2/NDF : 740480.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

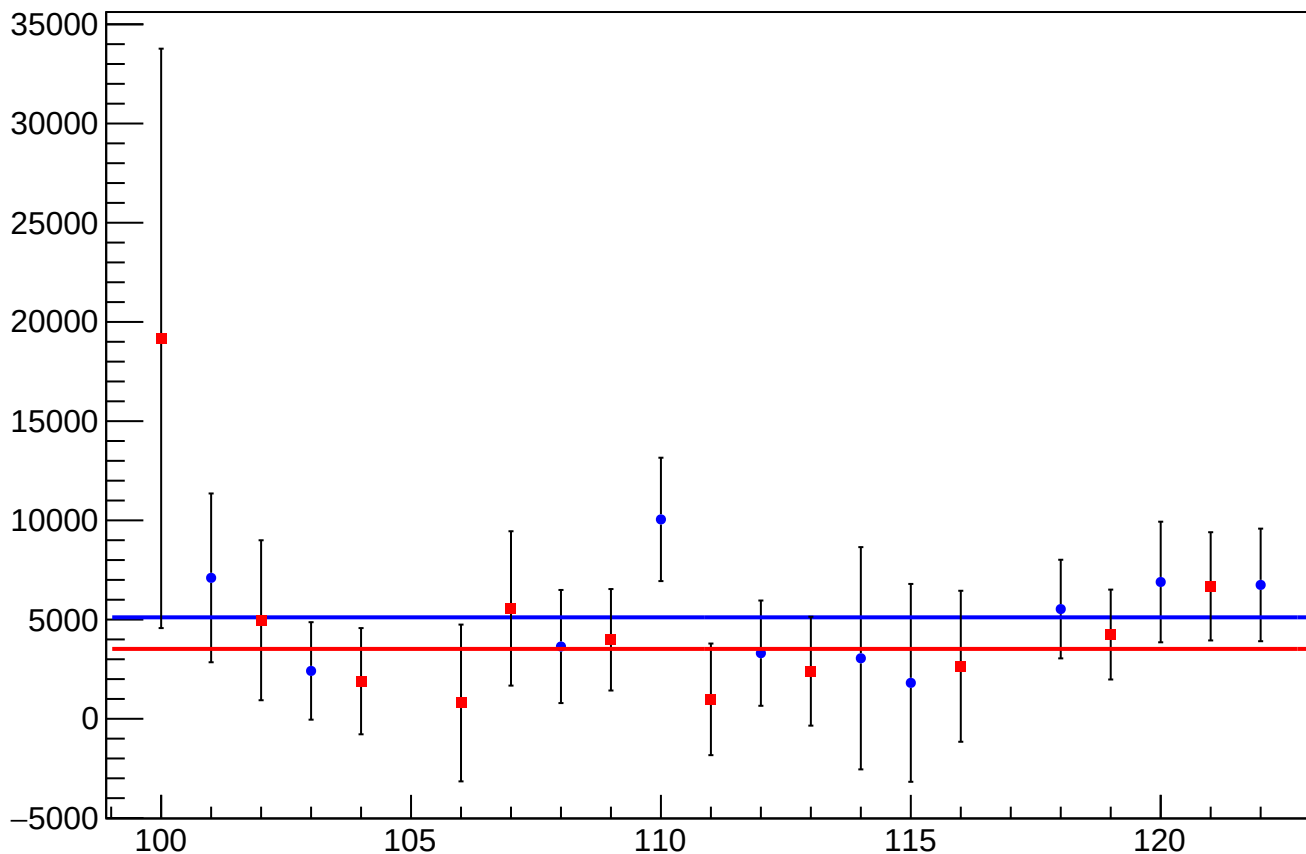
Right: 4263.461+/-1.055 χ^2/NDF : 1073978.2/20

In: 4565.478+/-1.627 χ^2/NDF : 274040.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4263.461+/-1.055 χ^2/NDF : 1073978.2/20

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5113.030+/-973.023 χ^2/NDF : 6.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3521.667+/-933.834 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

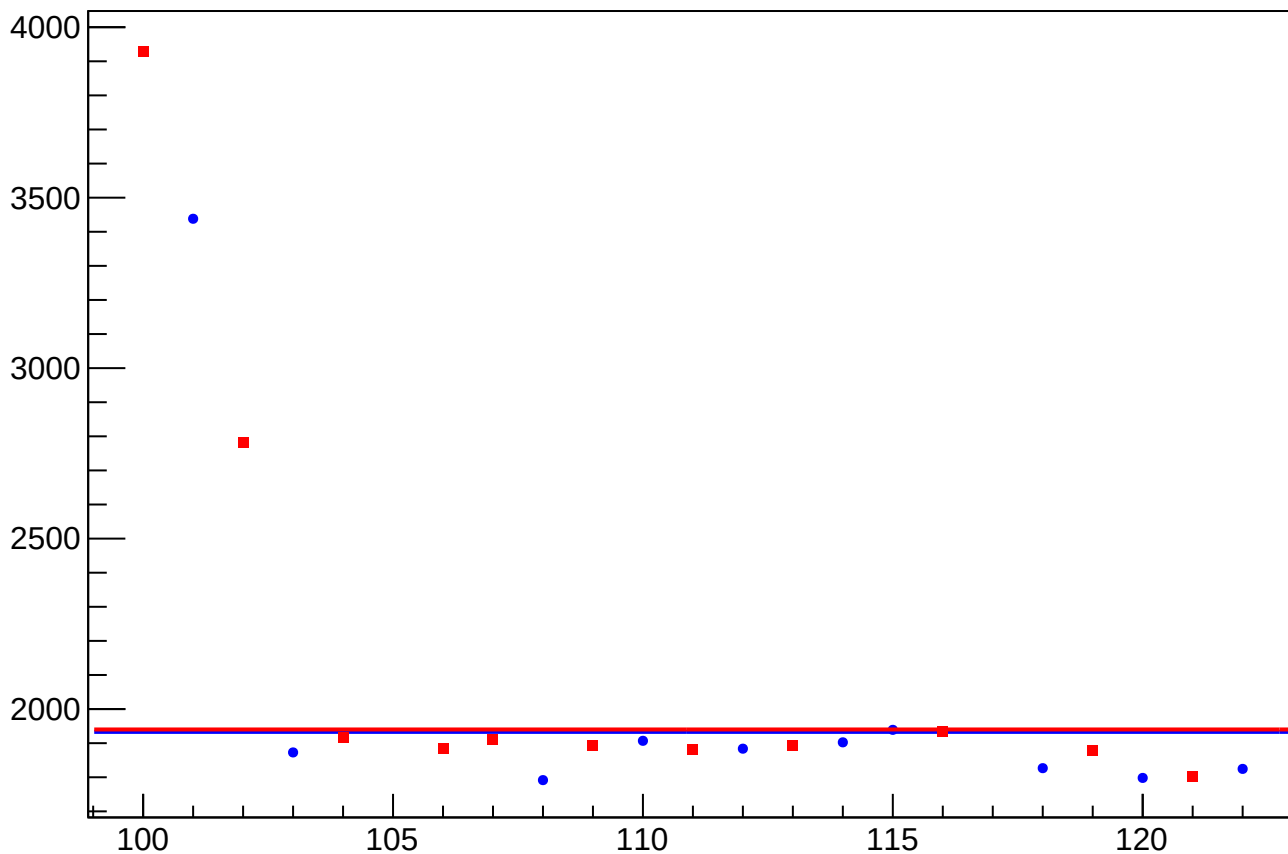
Right: 4284.657+/-673.749 χ^2/NDF : 12.3/20

In: 5113.030+/-973.023 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4284.657+/-673.749 χ^2/NDF : 12.3/20

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1933.122+/-0.688 χ^2/NDF : 267989.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.190+/-0.659 χ^2/NDF : 133685.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

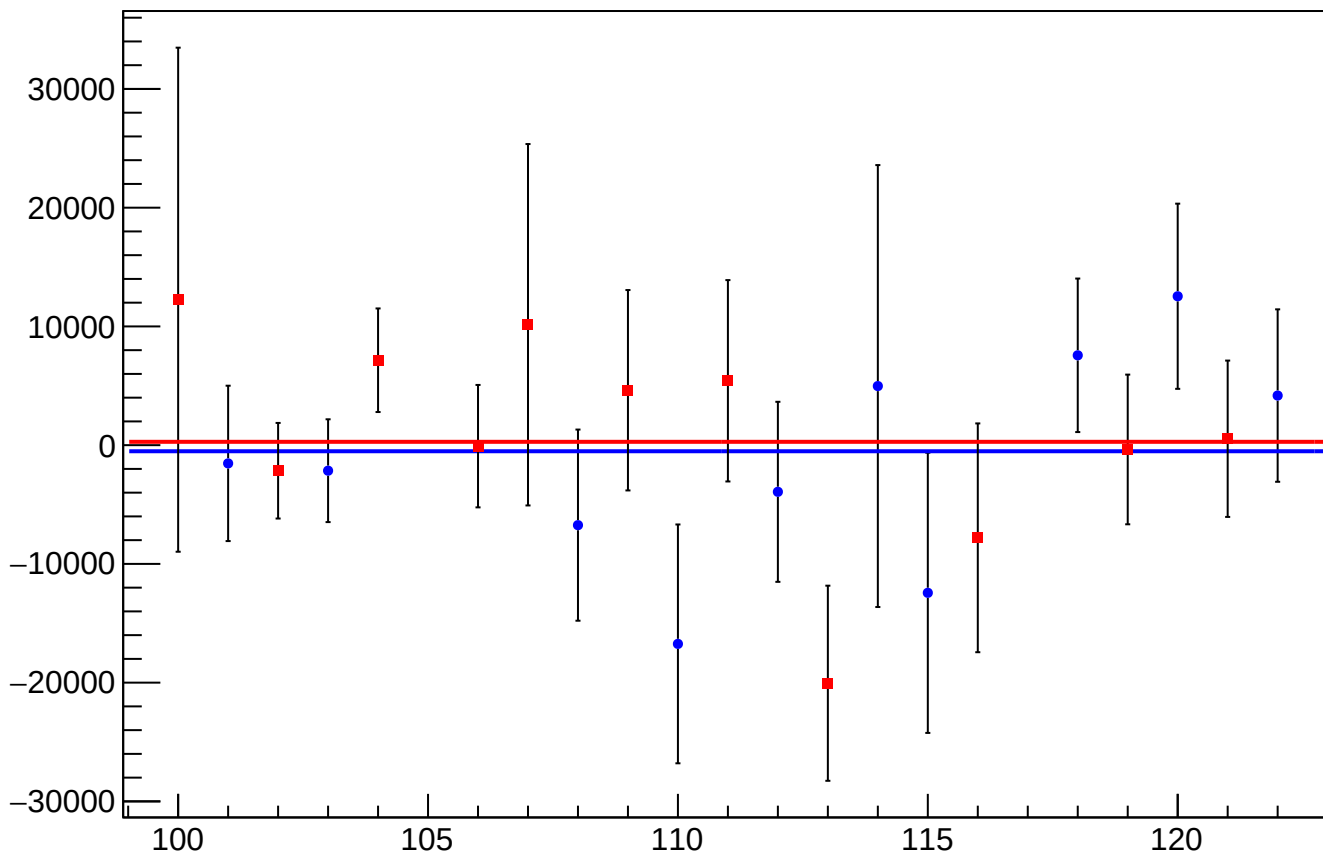
Right: 1936.808+/-0.476 χ^2/NDF : 401730.4/20

In: 1933.122+/-0.688 χ^2/NDF : 267989.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.808+/-0.476 χ^2/NDF : 401730.4/20

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -512.709+/-2301.098 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 282.254+/-1960.375 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

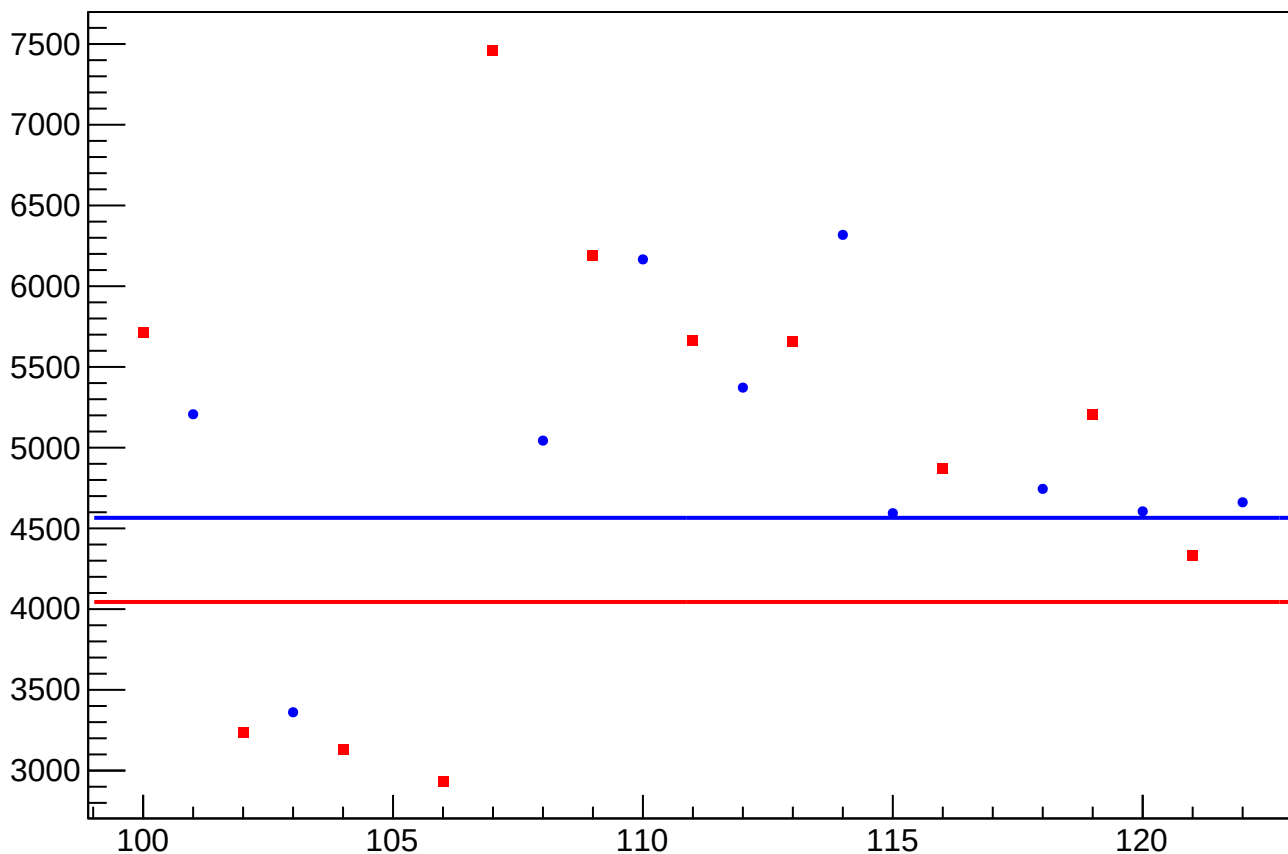
Right: -52.070+/-1492.265 χ^2/NDF : 20.6/20

In: -512.709+/-2301.098 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.070+/-1492.265 χ^2/NDF : 20.6/20

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4565.464+/-1.627 χ^2/NDF : 274039.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4044.252+/-1.386 χ^2/NDF : 740479.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

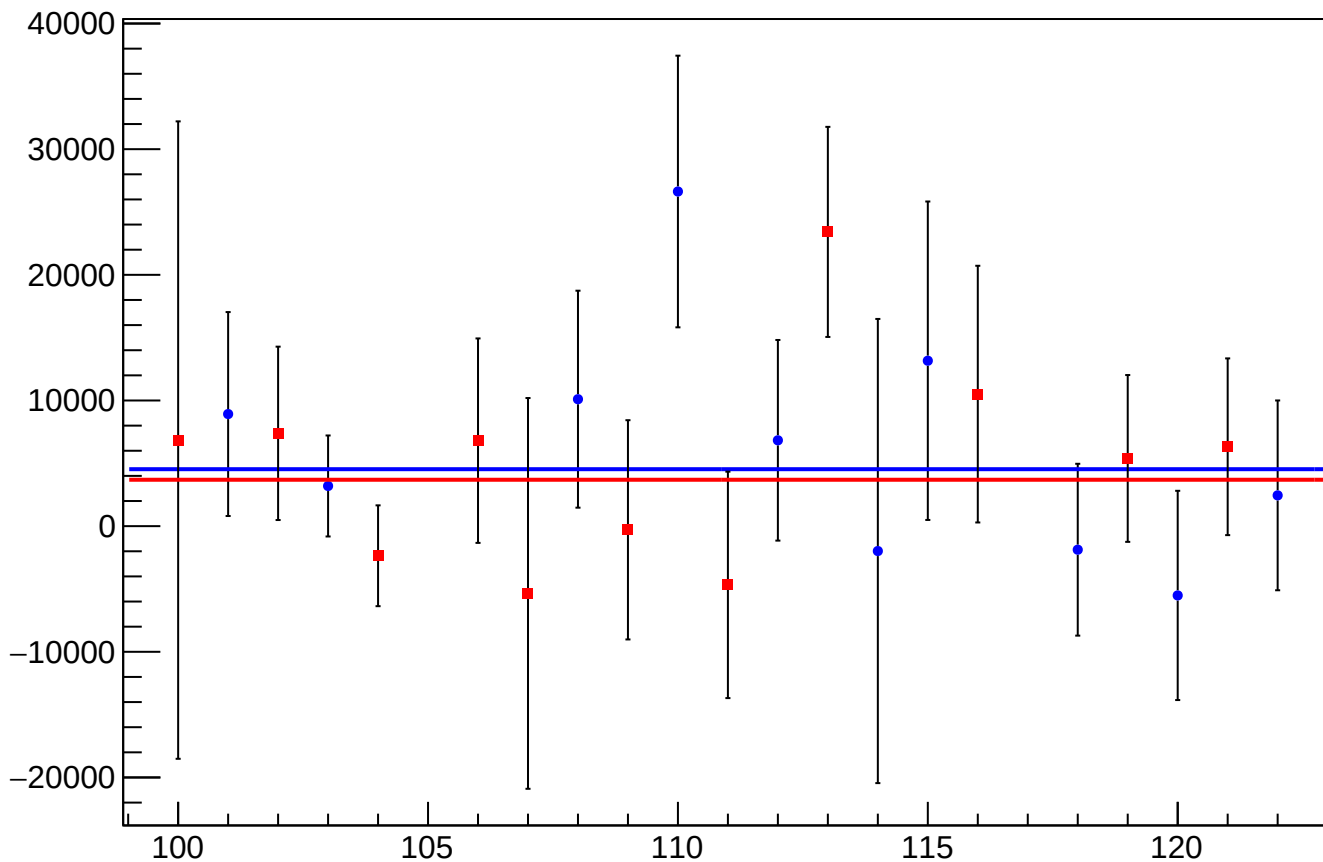
Right: 4263.449+/-1.055 χ^2/NDF : 1073975.8/20

In: 4565.464+/-1.627 χ^2/NDF : 274039.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4263.449+/-1.055 χ^2/NDF : 1073975.8/20

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4533.038+/-2375.129 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3692.415+/-2257.597 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

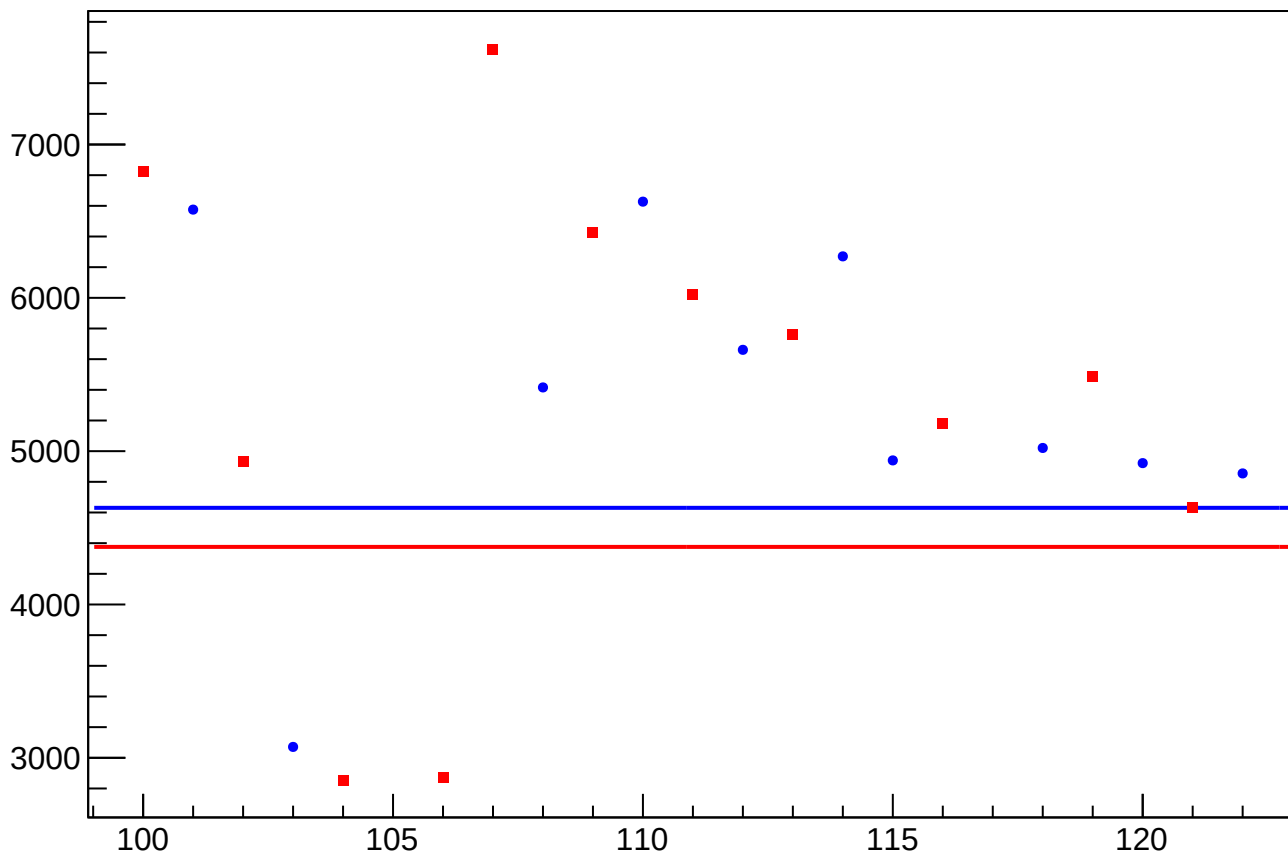
Right: 4091.414+/-1636.335 χ^2/NDF : 18.5/20

In: 4533.038+/-2375.129 χ^2/NDF :8.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4091.414+/-1636.335 χ^2/NDF : 18.5/20

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4630.442+/-1.679 χ^2/NDF : 561833.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4375.626+/-1.552 χ^2/NDF : 829466.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

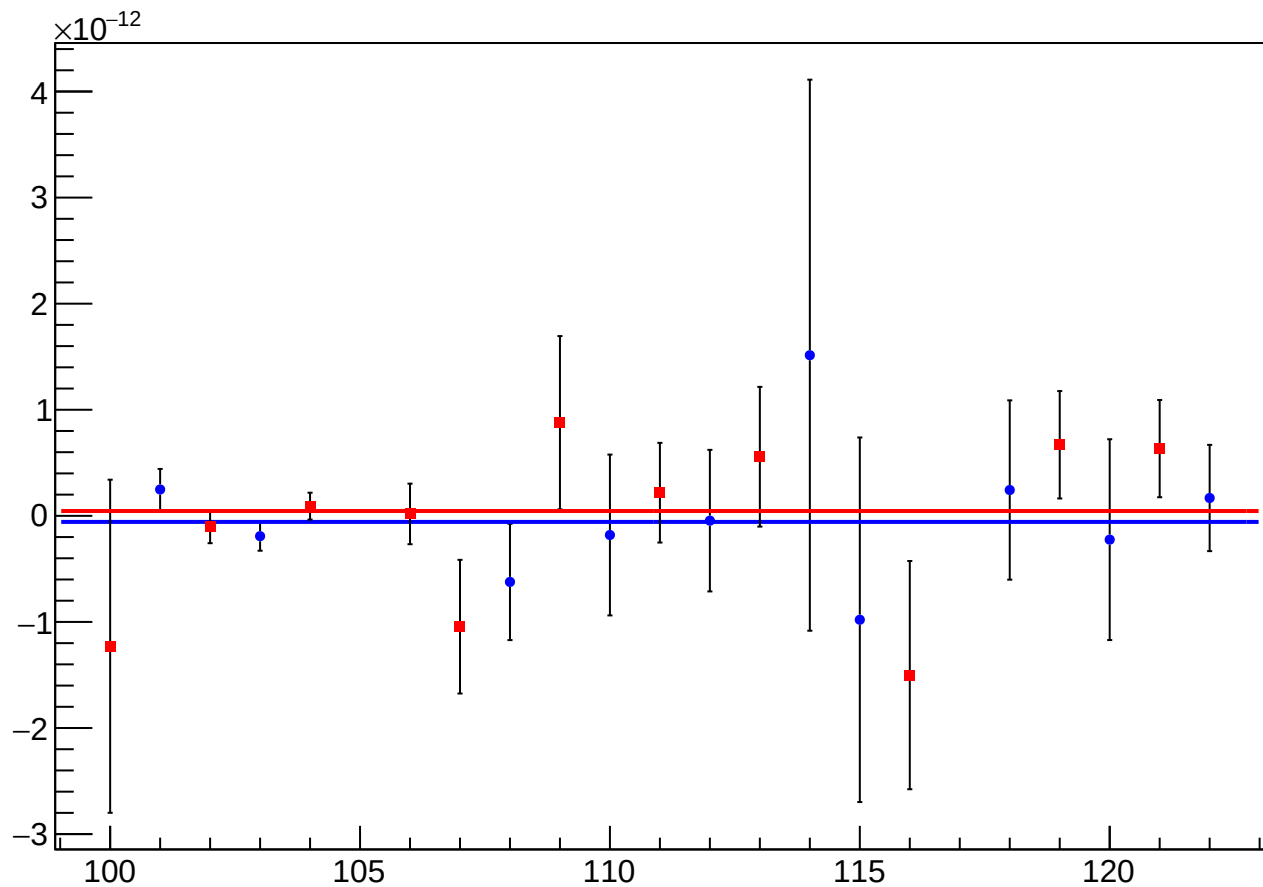
Right: 4493.037+/-1.140 χ^2/NDF : 1403713.3/20

In: 4630.442+/-1.679 χ^2/NDF : 561833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4493.037+/-1.140 χ^2/NDF : 1403713.3/20

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/9

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

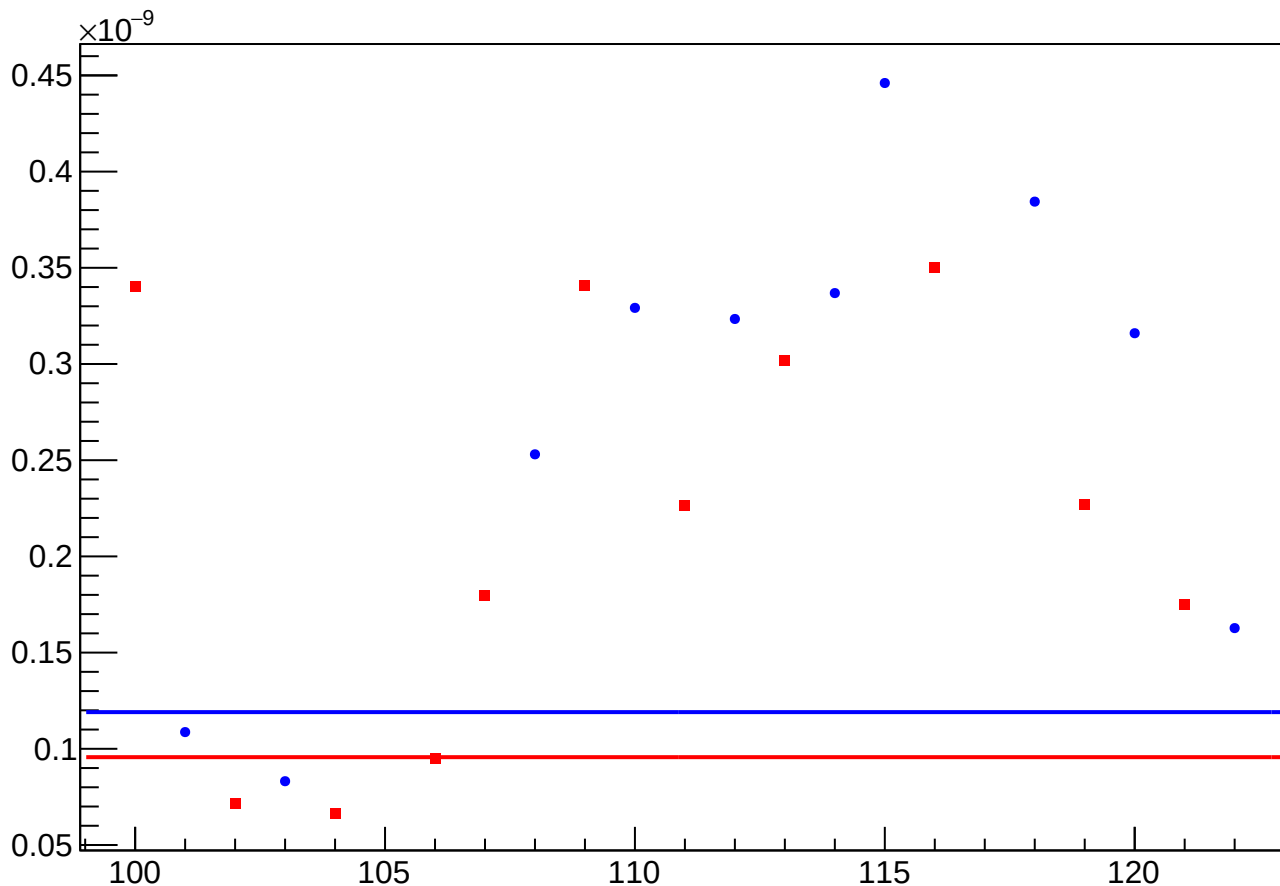
Right: 0.000+/-0.000 χ^2/NDF : 17.9/20

In: -0.000+/-0.000 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.9/20

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 988440.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1078923.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

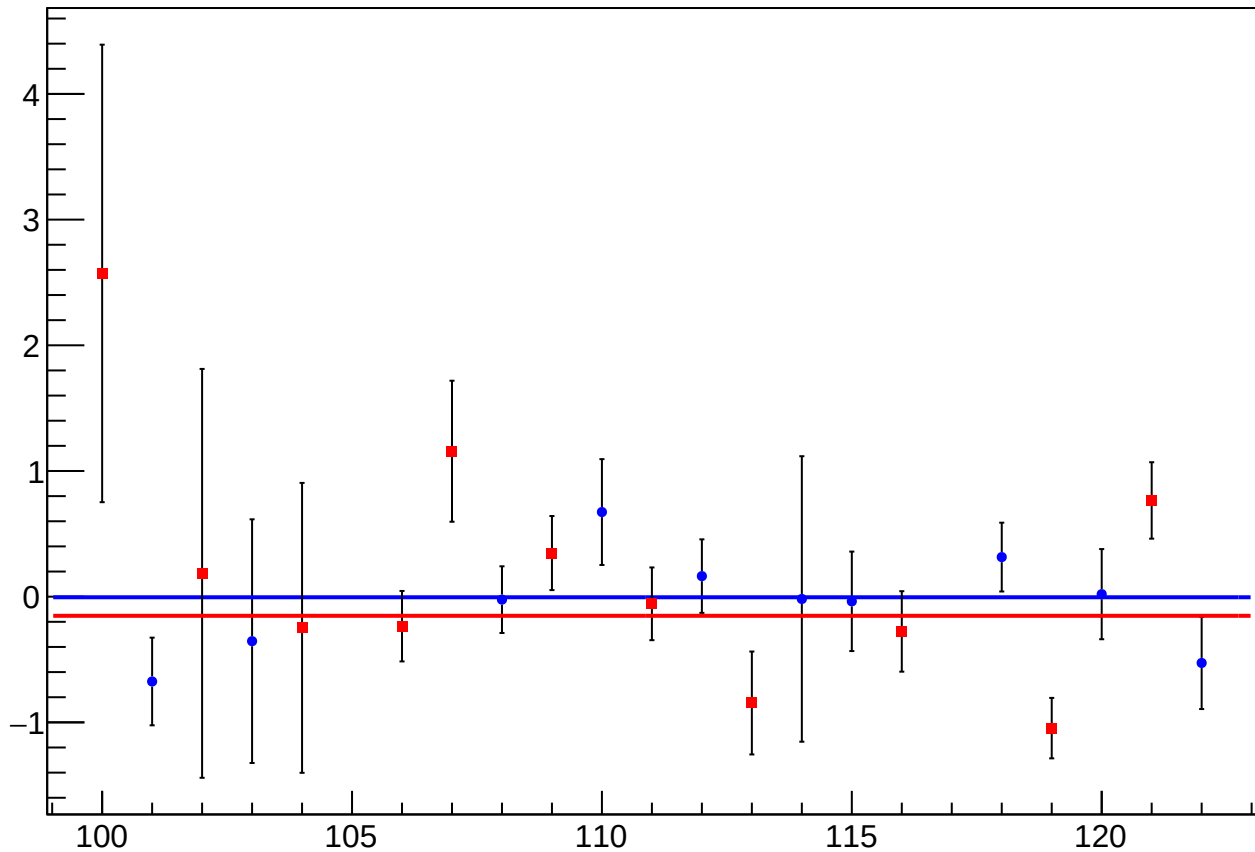
Right: 0.000+/-0.000 χ^2/NDF : 2128534.9/20

In: 0.000+/-0.000 χ^2/NDF : 988440.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2128534.9/20

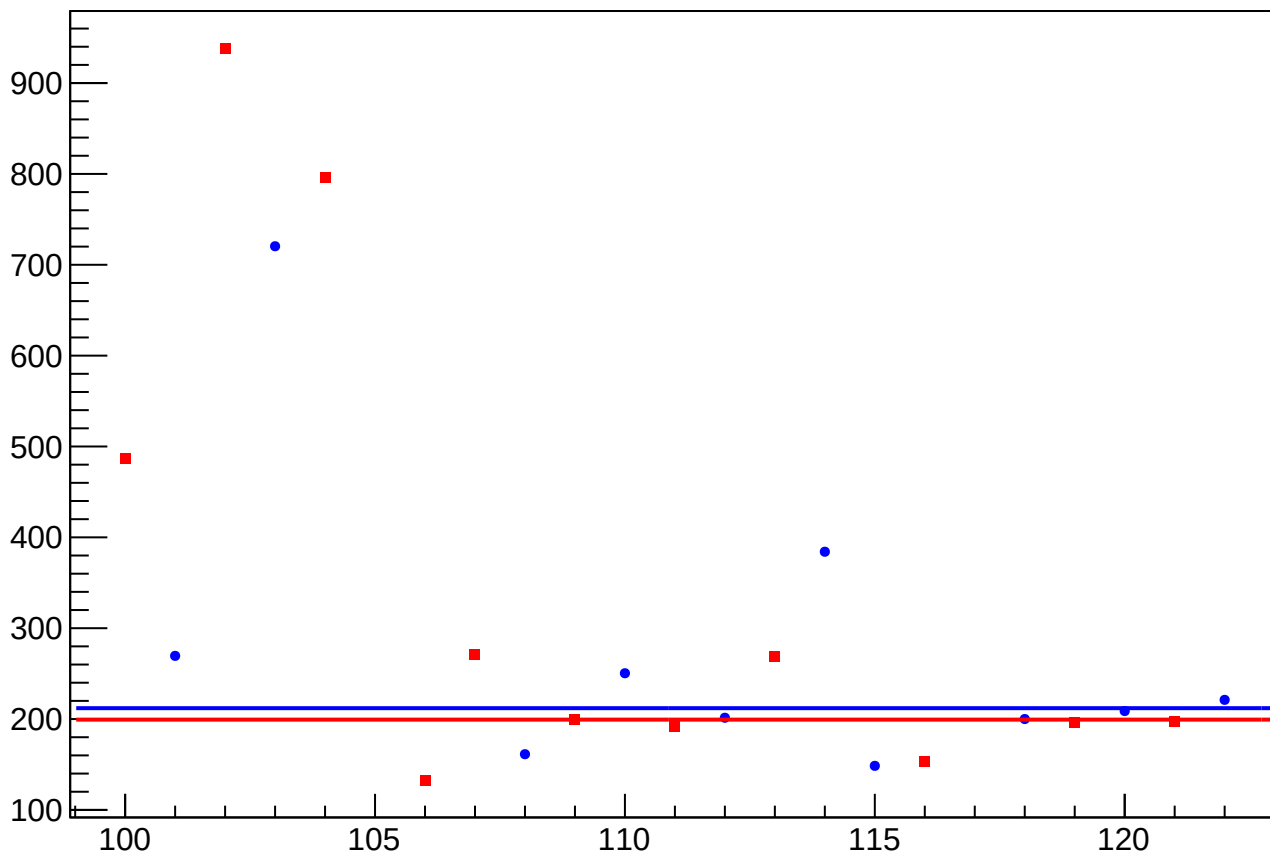
asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.114 χ^2/NDF : 10.2/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.152 ± 0.109 χ^2/NDF : 36.7/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.082 ± 0.079 χ^2/NDF : 47.8/20
 In: -0.005 ± 0.114 χ^2/NDF : 10.2/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.082 ± 0.079 χ^2/NDF : 47.8/20

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.984+/-0.081 χ^2/NDF : 799424.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.379+/-0.077 χ^2/NDF : 1245136.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

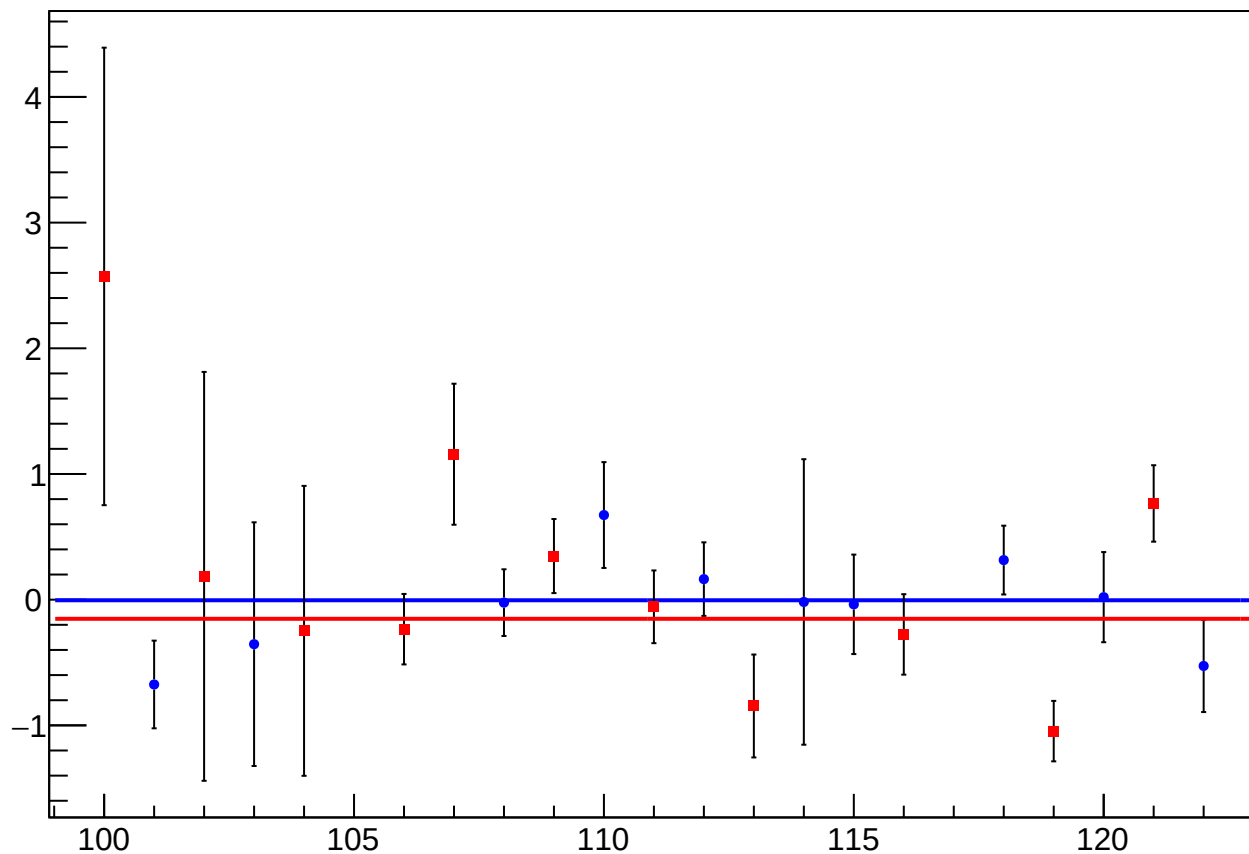
Right: 205.365+/-0.056 χ^2/NDF : 2057331.6/20

In: 211.984+/-0.081 χ^2/NDF : 799424.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.365+/-0.056 χ^2/NDF : 2057331.6/20

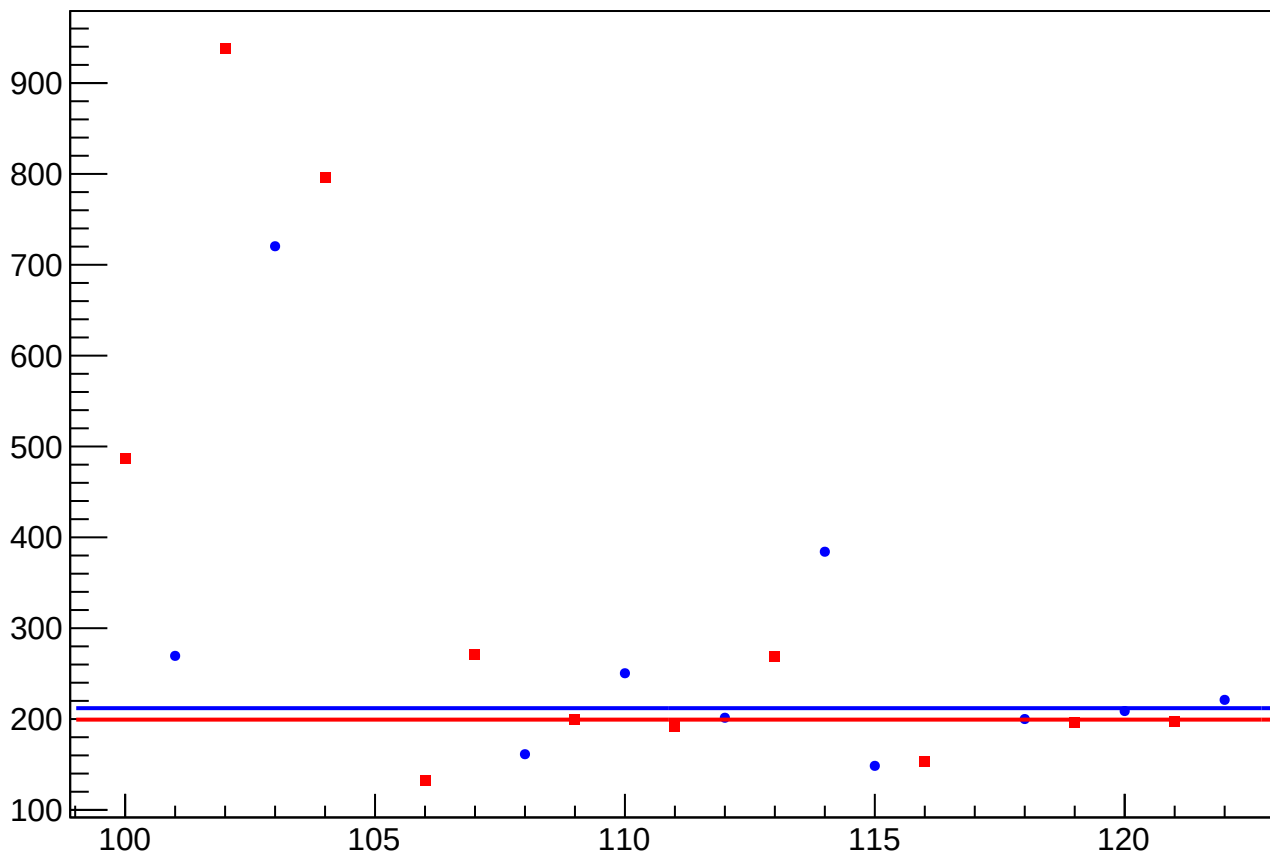
asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.114 $\chi^2/\text{NDF}: 10.2/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.152 ± 0.109 $\chi^2/\text{NDF}: 36.7/10$
 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: -0.082 ± 0.079 $\chi^2/\text{NDF}: 47.8/20$
 In: -0.005 ± 0.114 $\chi^2/\text{NDF}: 10.2/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.082 ± 0.079 $\chi^2/\text{NDF}: 47.8/20$

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.984+/-0.081 χ^2/NDF : 799424.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.379+/-0.077 χ^2/NDF : 1245136.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

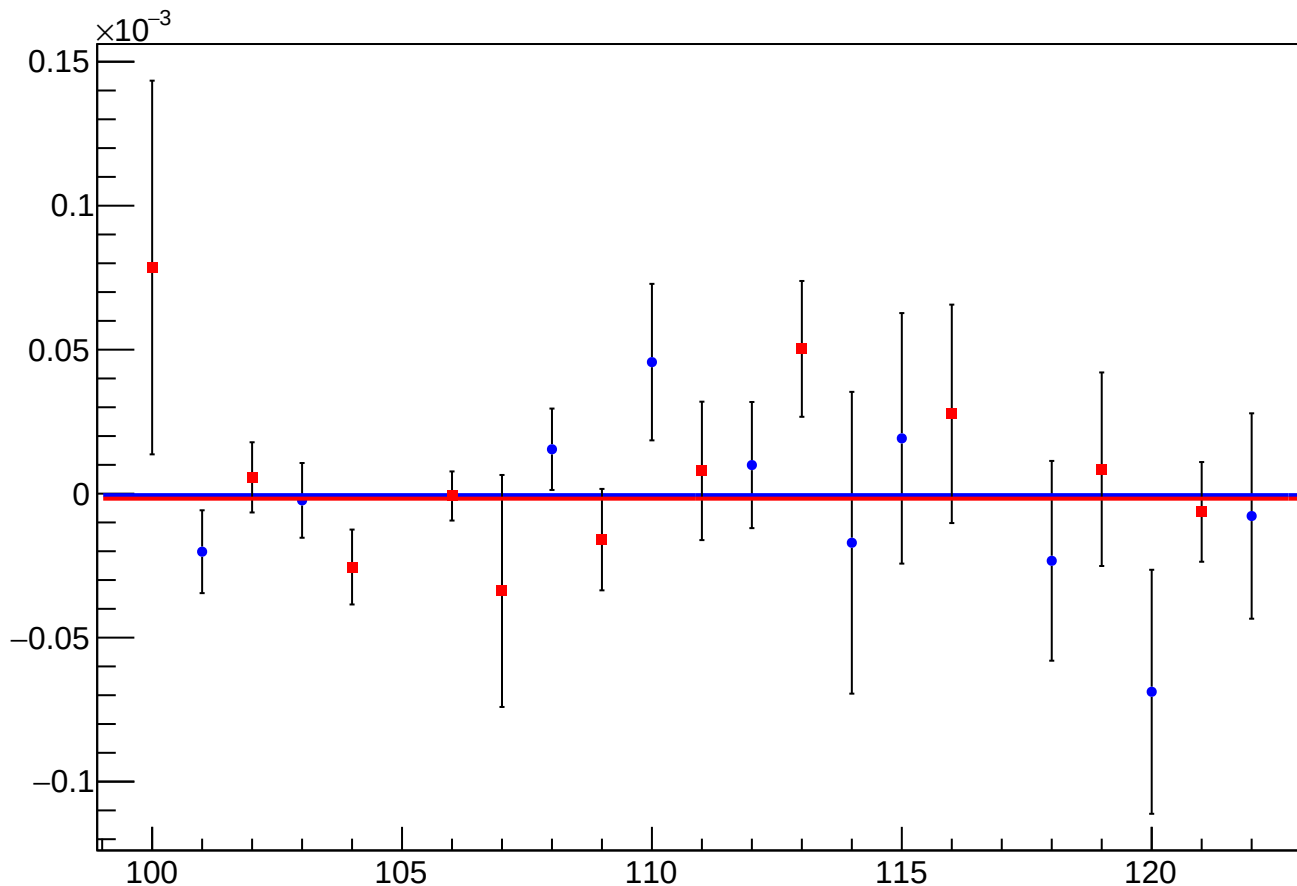
Right: 205.365+/-0.056 χ^2/NDF : 2057331.6/20

In: 211.984+/-0.081 χ^2/NDF : 799424.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.365+/-0.056 χ^2/NDF : 2057331.6/20

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 : 9.6/9

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

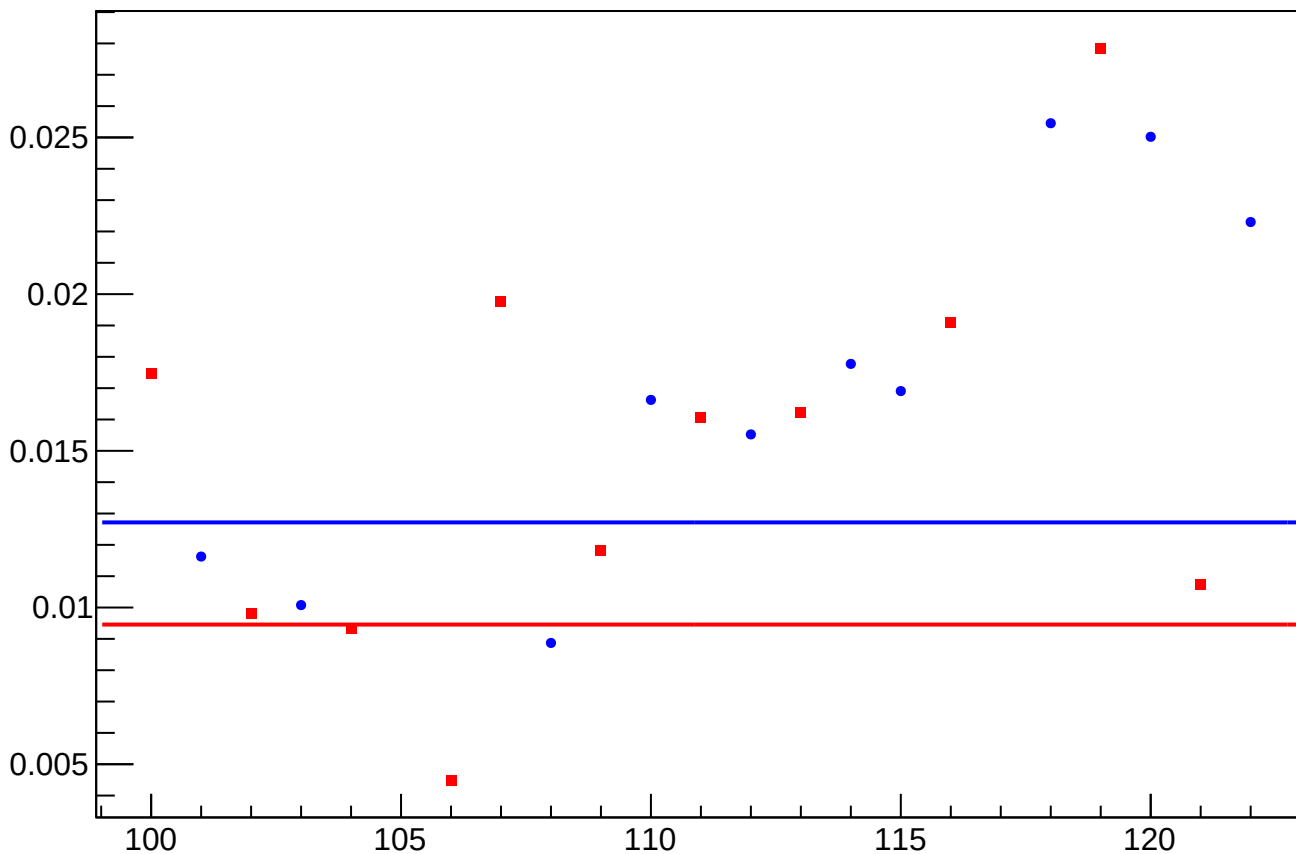
Right: -0.000+/-0.000 χ^2/NDF : 22.0/20

In: -0.000+/-0.000 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/20

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 936473.7/9

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000

χ^2/NDF : 1934433.1/10

Left 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 : 3171945.8/20

In: 0.013+/-0.000

χ^2/NDF : 936473.7/9

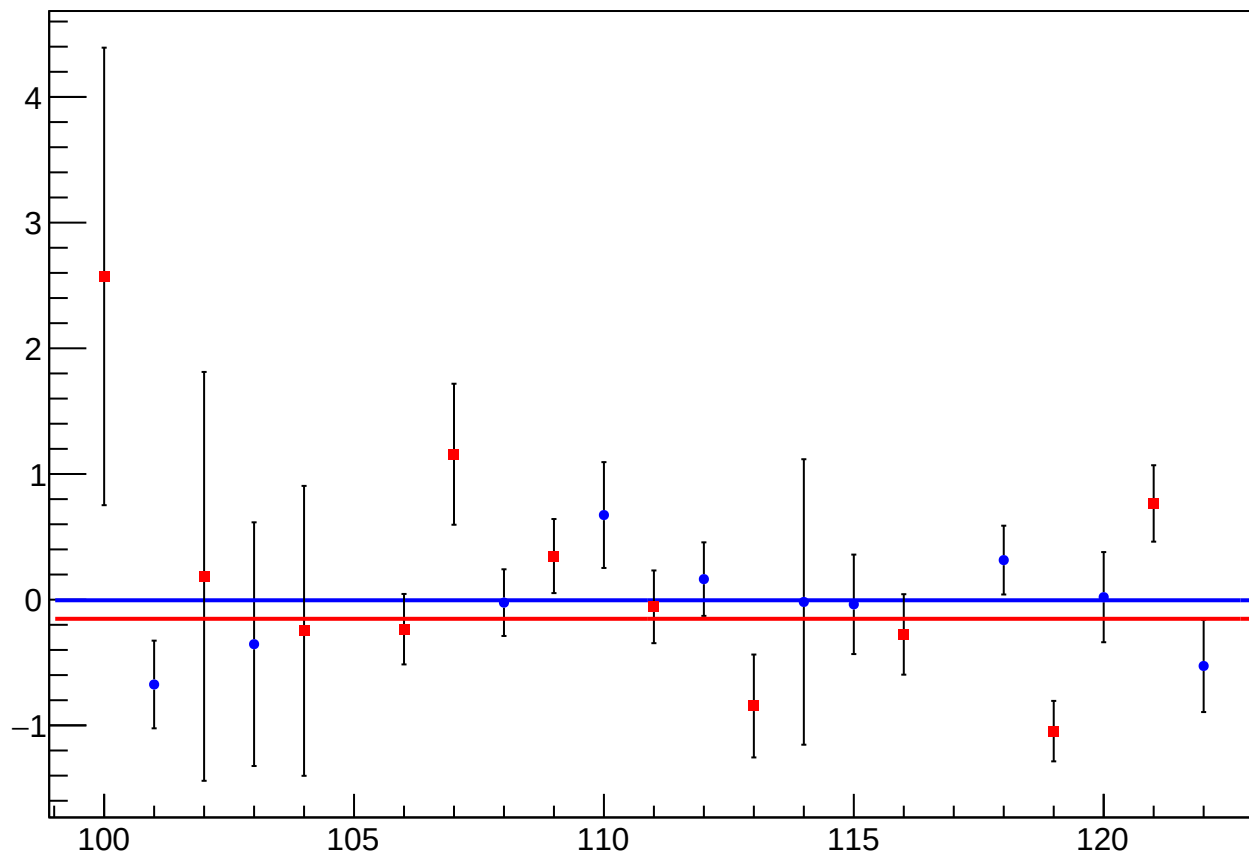
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 3171945.8/20

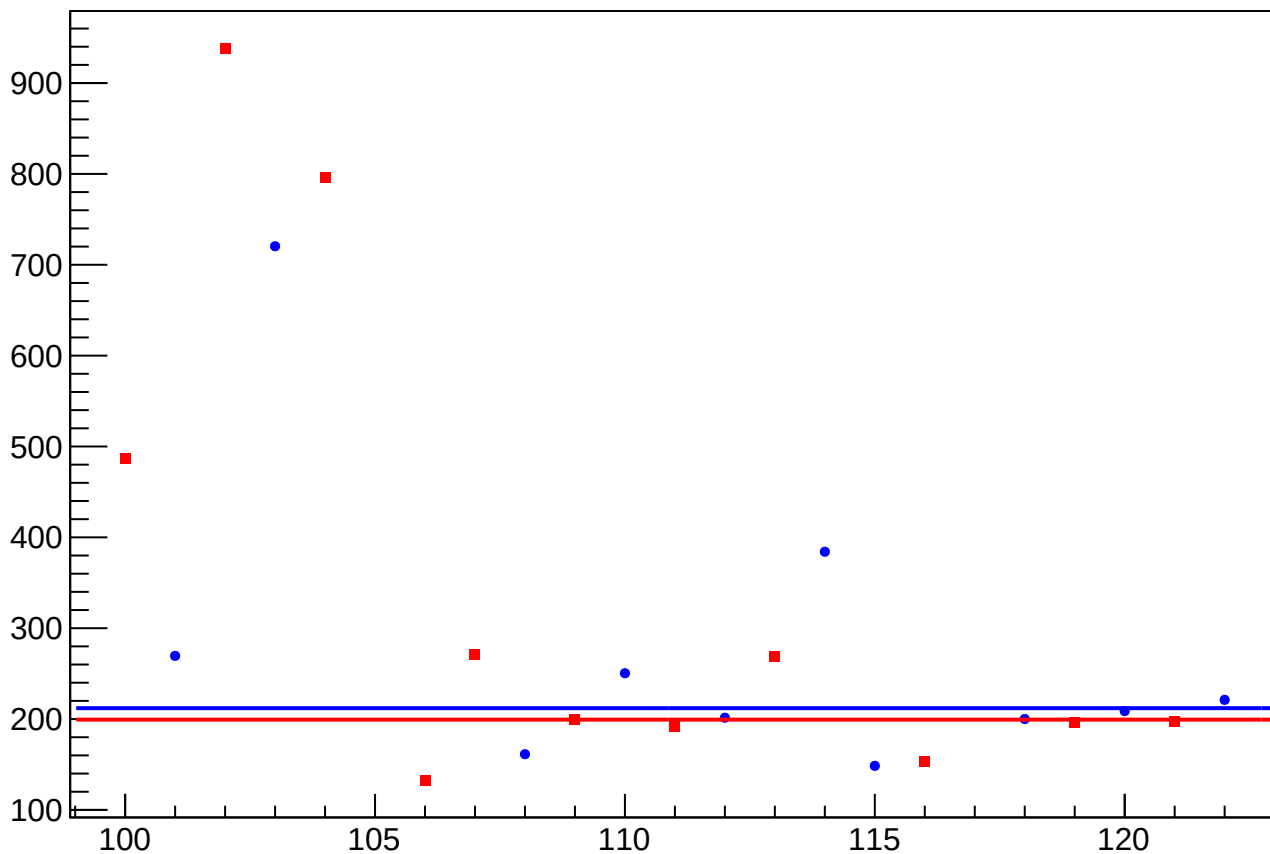
asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.114 $\chi^2/\text{NDF}: 10.2/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.152 ± 0.109 $\chi^2/\text{NDF}: 36.7/10$
 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: -0.082 ± 0.079 $\chi^2/\text{NDF}: 47.8/20$
 In: -0.005 ± 0.114 $\chi^2/\text{NDF}: 10.2/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.082 ± 0.079 $\chi^2/\text{NDF}: 47.8/20$

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.983+/-0.081 χ^2/NDF : 799409.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.379+/-0.077 χ^2/NDF : 1245121.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

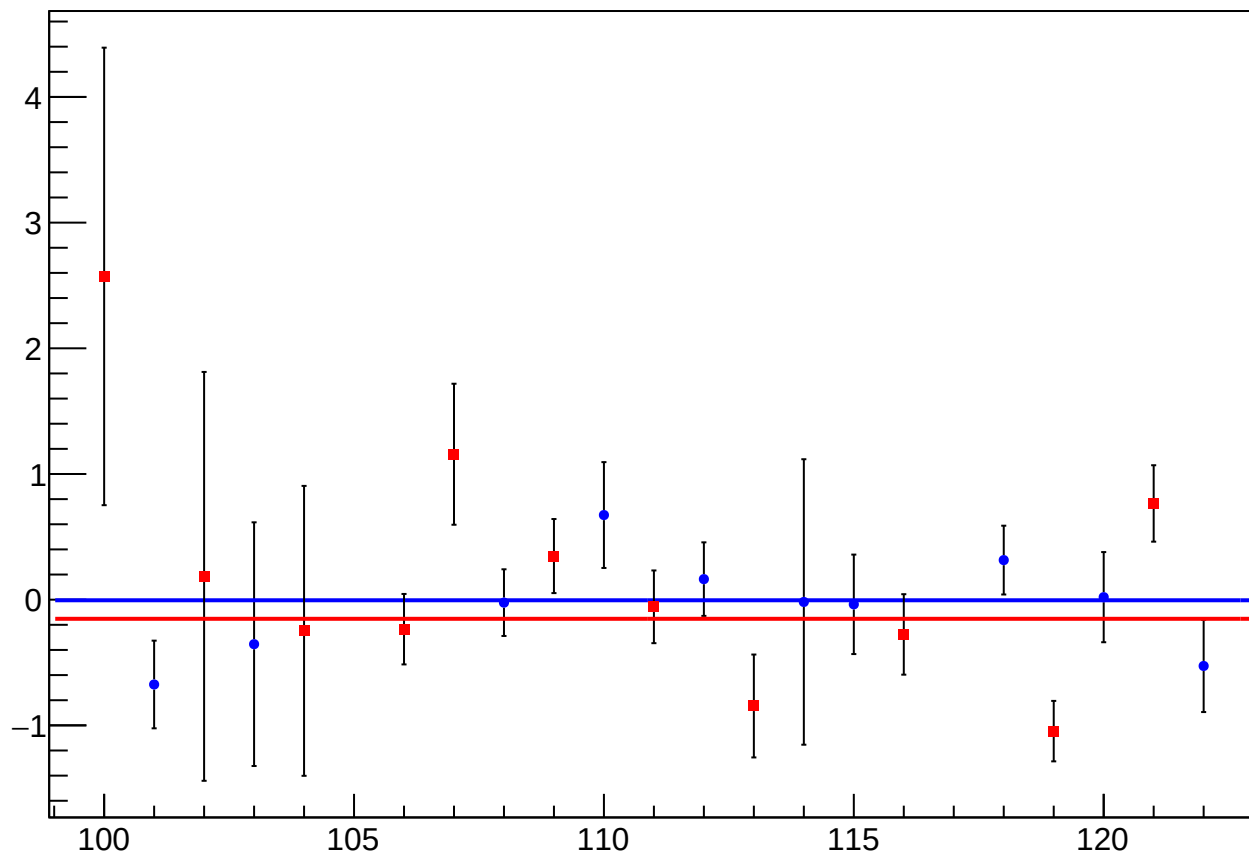
Right: 205.365+/-0.056 χ^2/NDF : 2057301.8/20

In: 211.983+/-0.081 χ^2/NDF : 799409.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.365+/-0.056 χ^2/NDF : 2057301.8/20

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.114 χ^2 /NDF: 10.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.152+/-0.109 χ^2 /NDF: 36.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

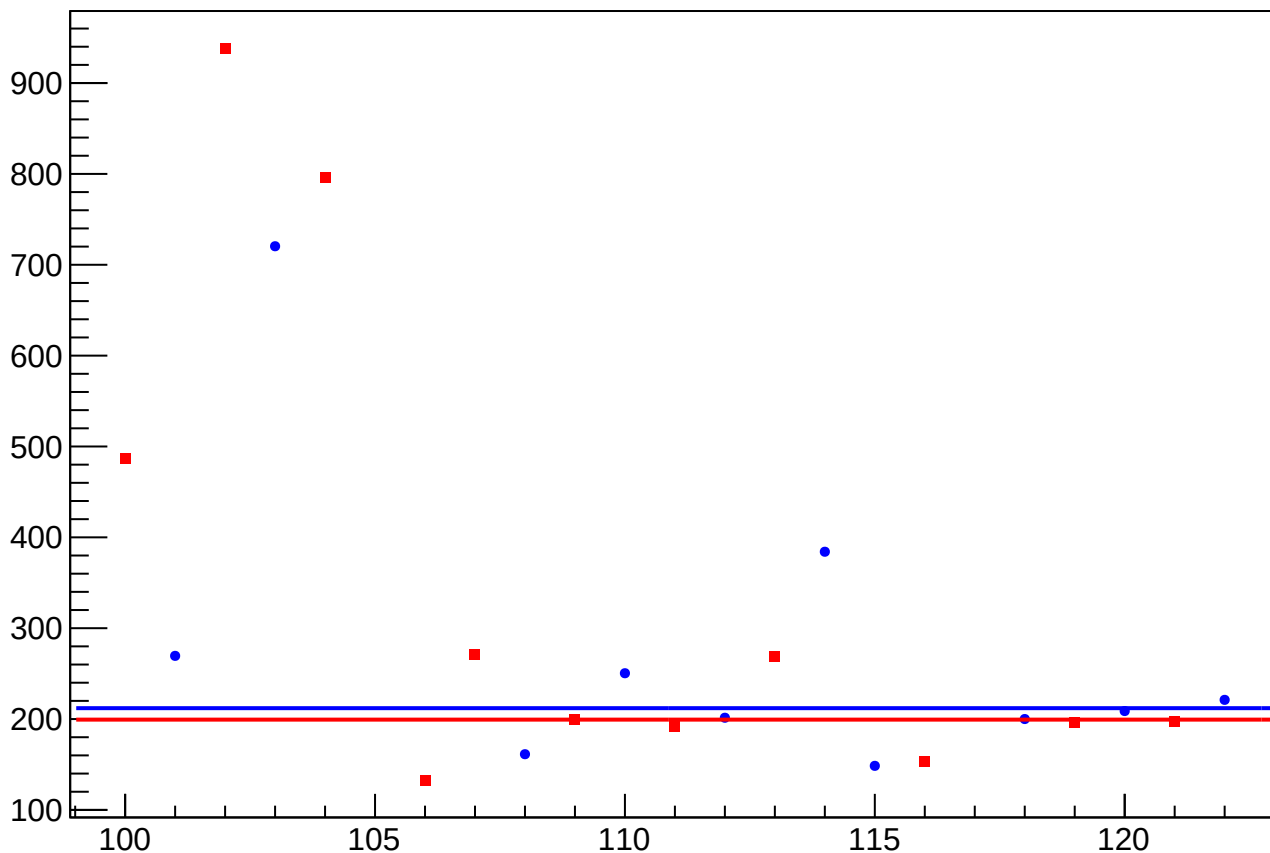
Right: -0.082+/-0.079 χ^2 /NDF: 47.8/20

In: -0.005+/-0.114 χ^2 /NDF:10.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.082+/-0.079 χ^2 /NDF: 47.8/20

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.983+/-0.081 χ^2/NDF : 799409.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.379+/-0.077 χ^2/NDF : 1245121.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

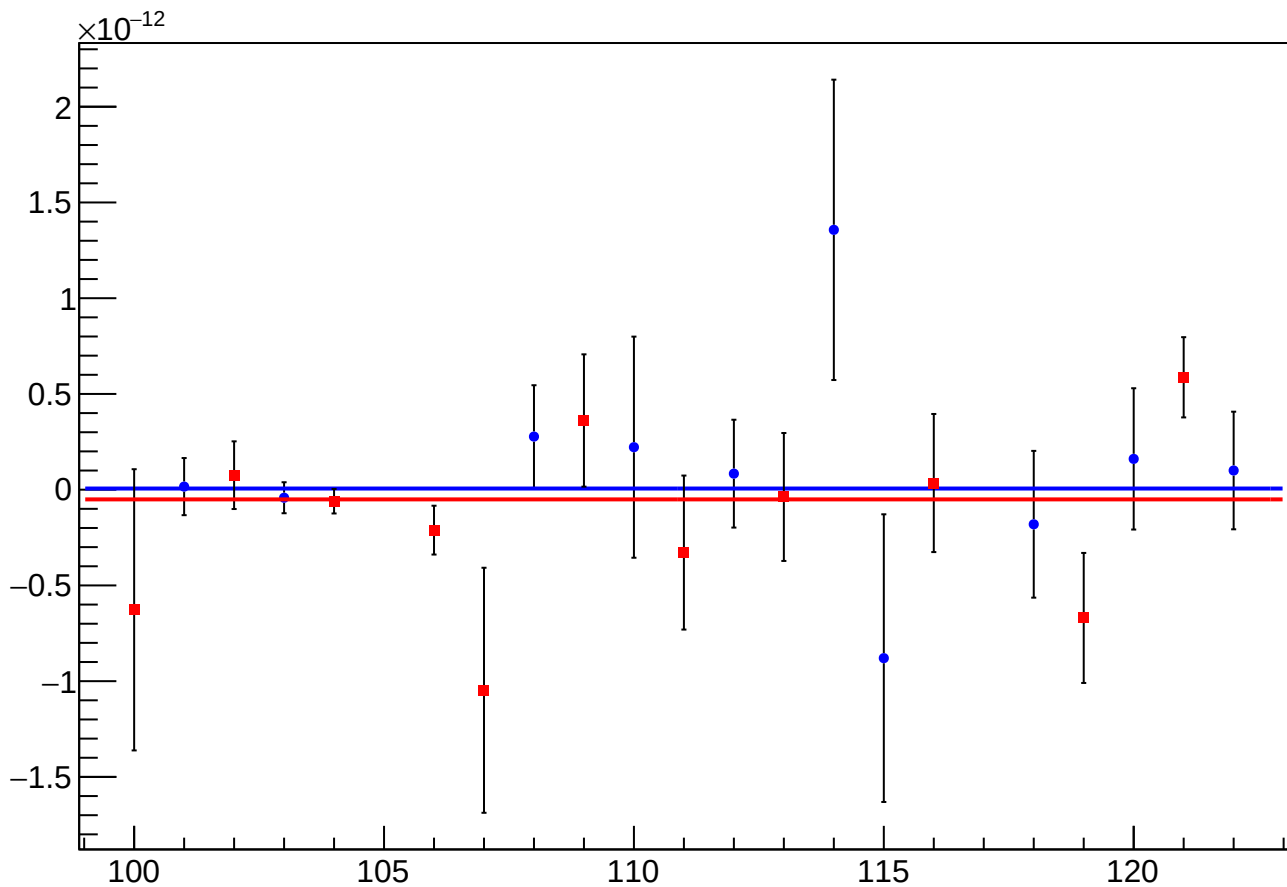
Right: 205.365+/-0.056 χ^2/NDF : 2057301.8/20

In: 211.983+/-0.081 χ^2/NDF : 799409.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.365+/-0.056 χ^2/NDF : 2057301.8/20

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 : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

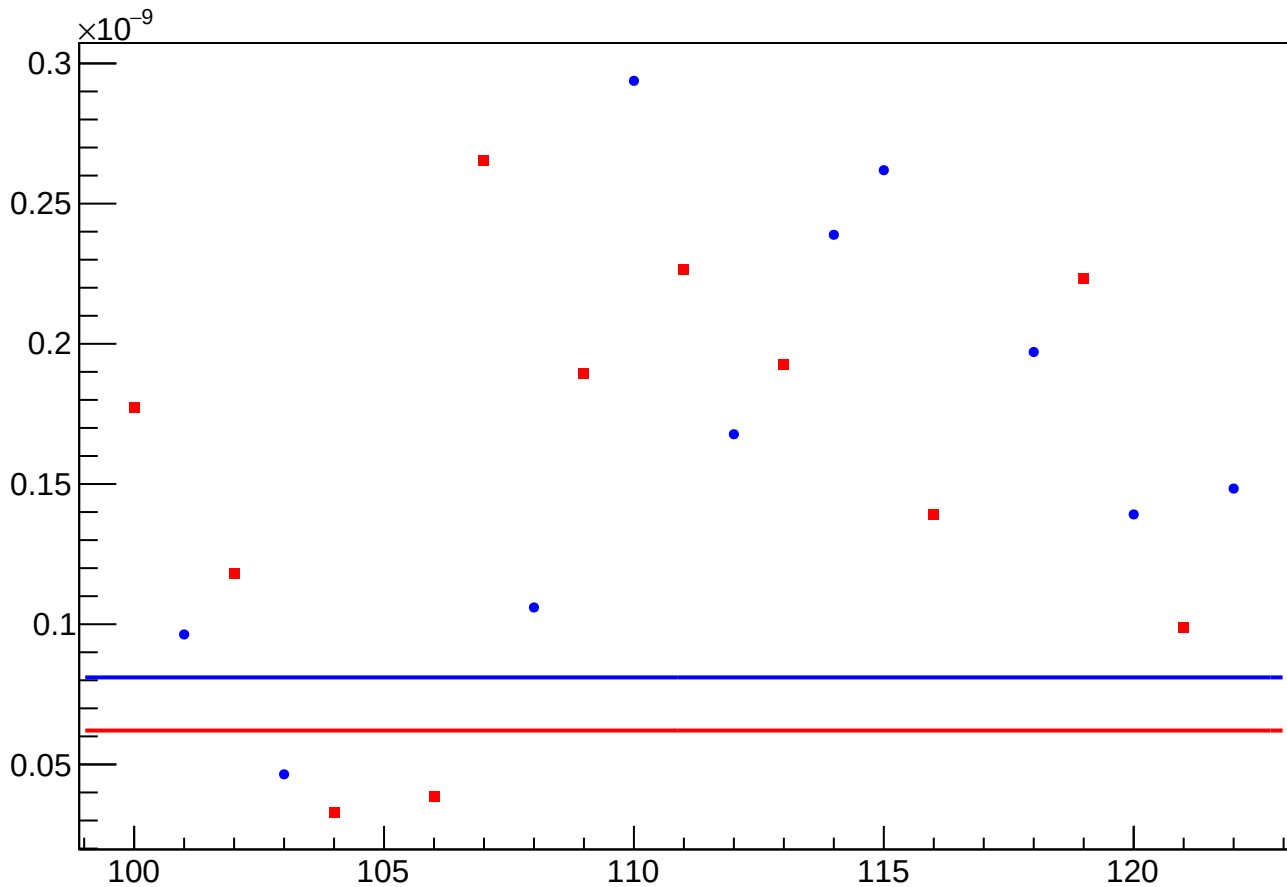
Right: -0.000+/-0.000 χ^2/NDF : 26.7/20

In: 0.000+/-0.000 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.7/20

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 : 1390273.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2454160.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

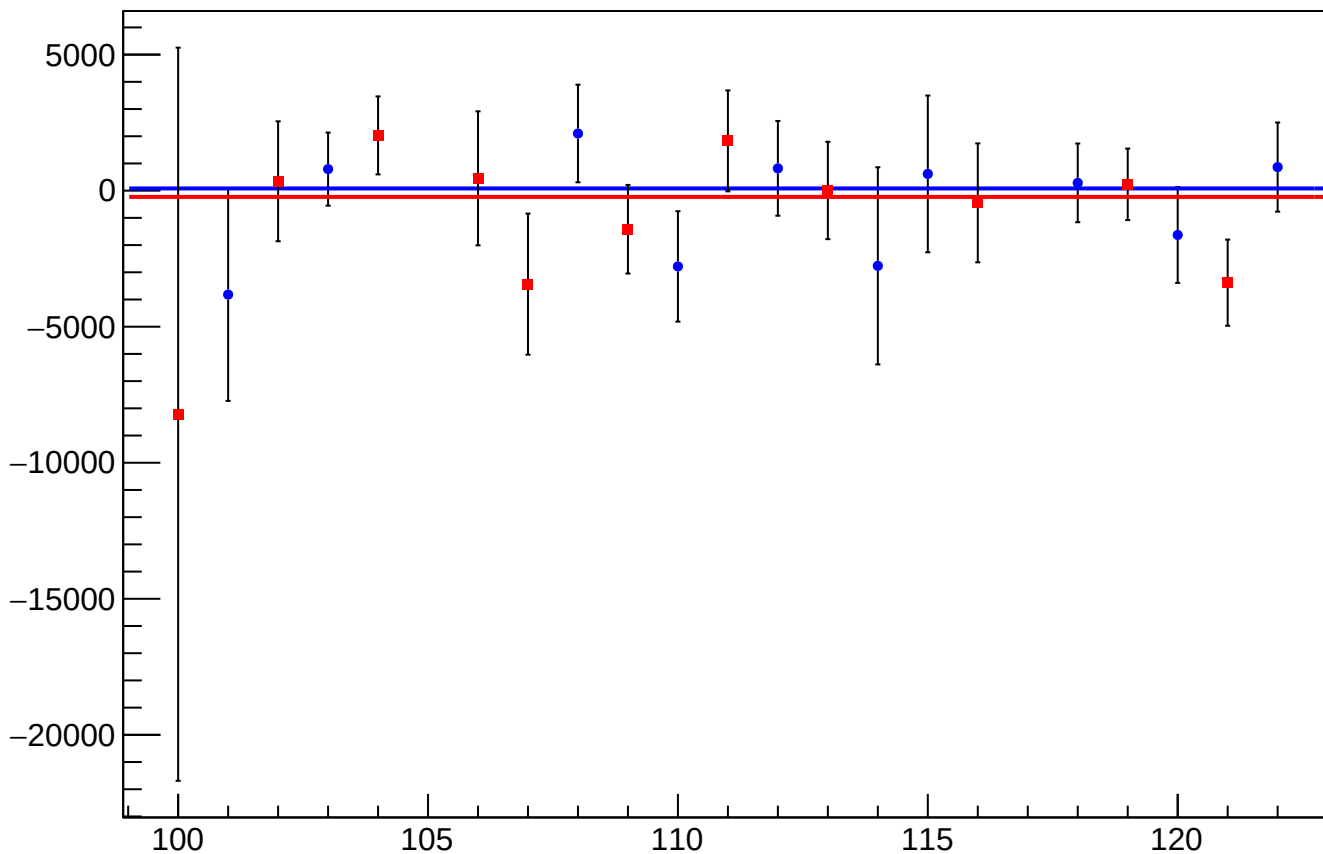
Right: 0.000+/-0.000 χ^2/NDF : 3956872.9/20

In: 0.000+/-0.000 χ^2/NDF : 1390273.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3956872.9/20

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 81.723+/-589.940 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.672+/-560.850 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

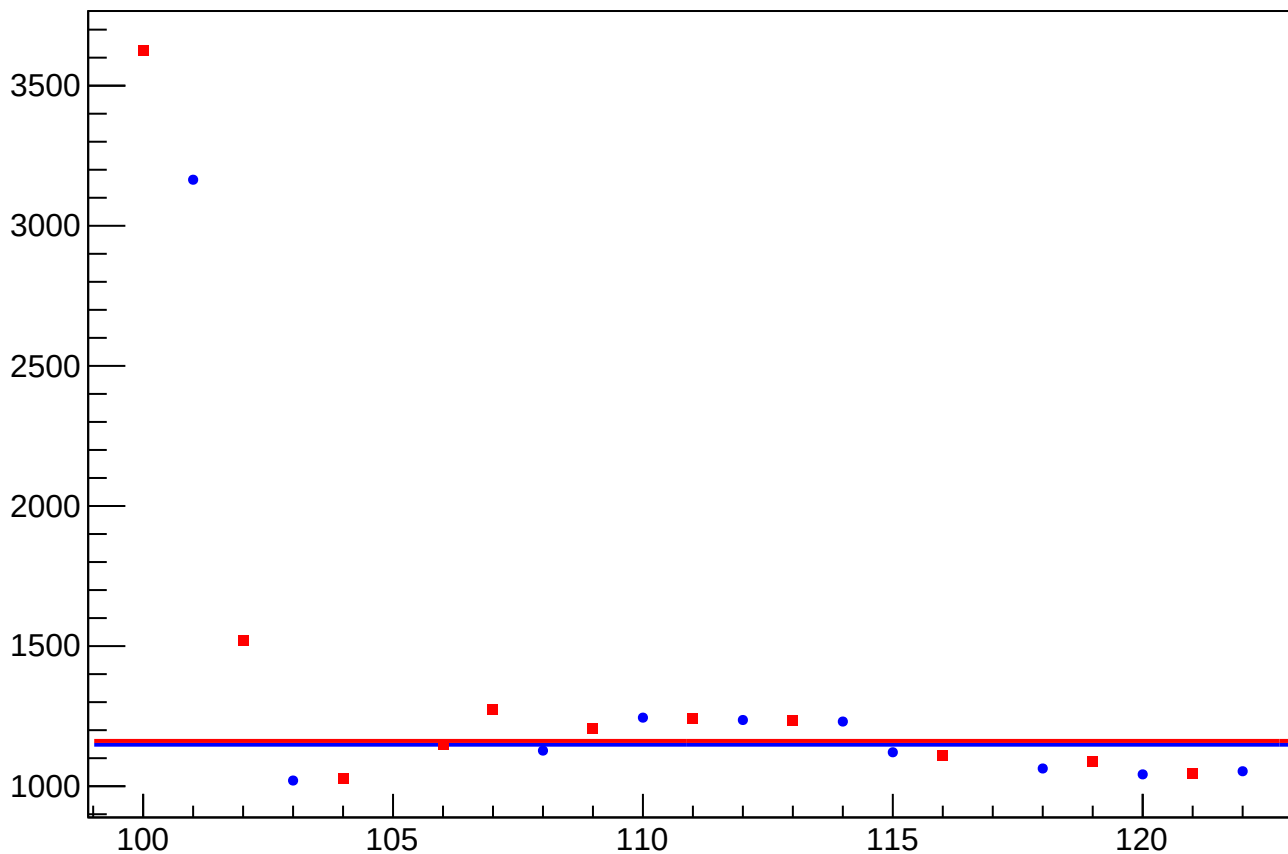
Right: -81.841+/-406.476 χ^2/NDF : 17.1/20

In: 81.723+/-589.940 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.841+/-406.476 χ^2/NDF : 17.1/20

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1148.217+/-0.417 χ^2/NDF : 582602.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1161.621+/-0.395 χ^2/NDF : 167837.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

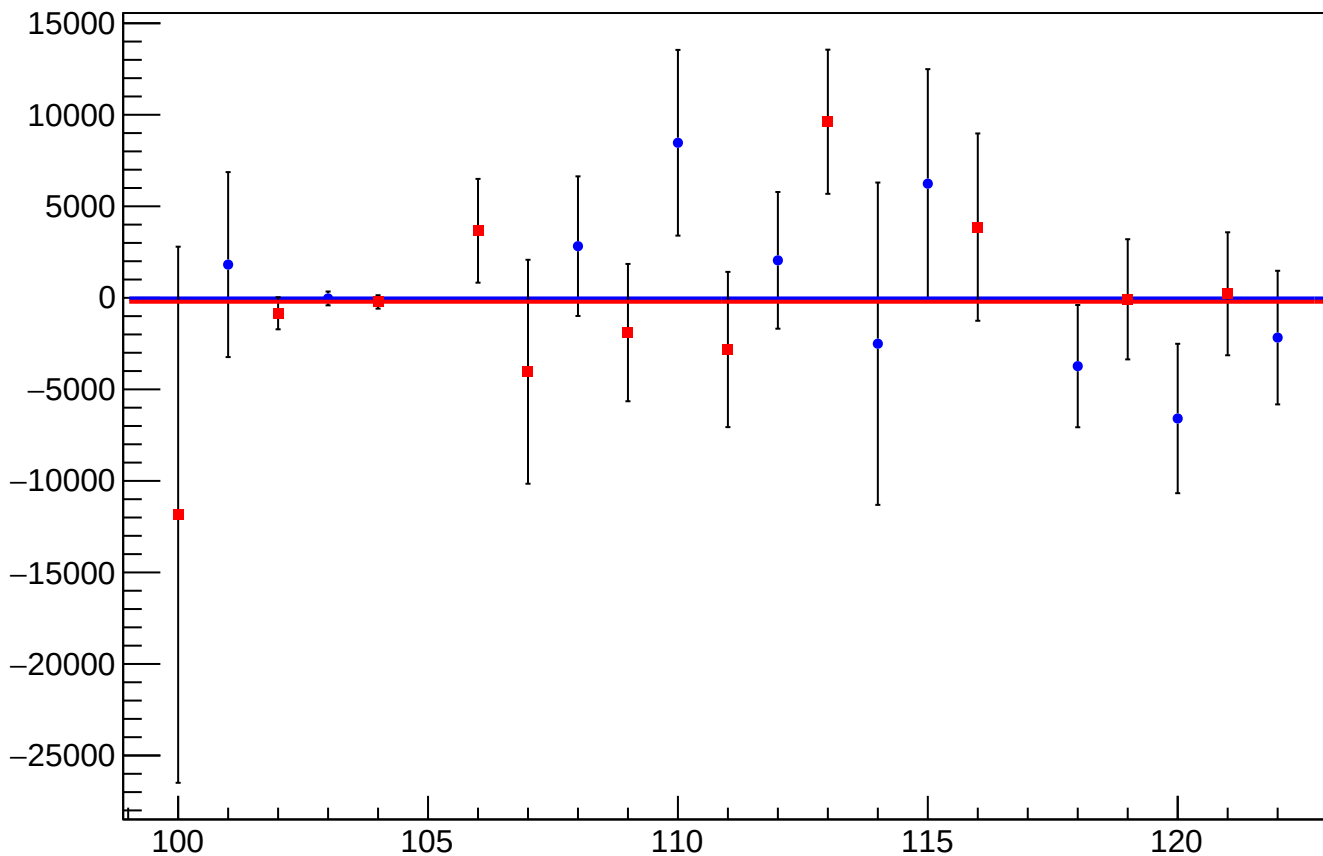
Right: 1155.279+/-0.287 χ^2/NDF : 750983.4/20

In: 1148.217+/-0.417 χ^2/NDF :582602.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1155.279+/-0.287 χ^2/NDF : 750983.4/20

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -33.656+/-365.273 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.832+/-327.473 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

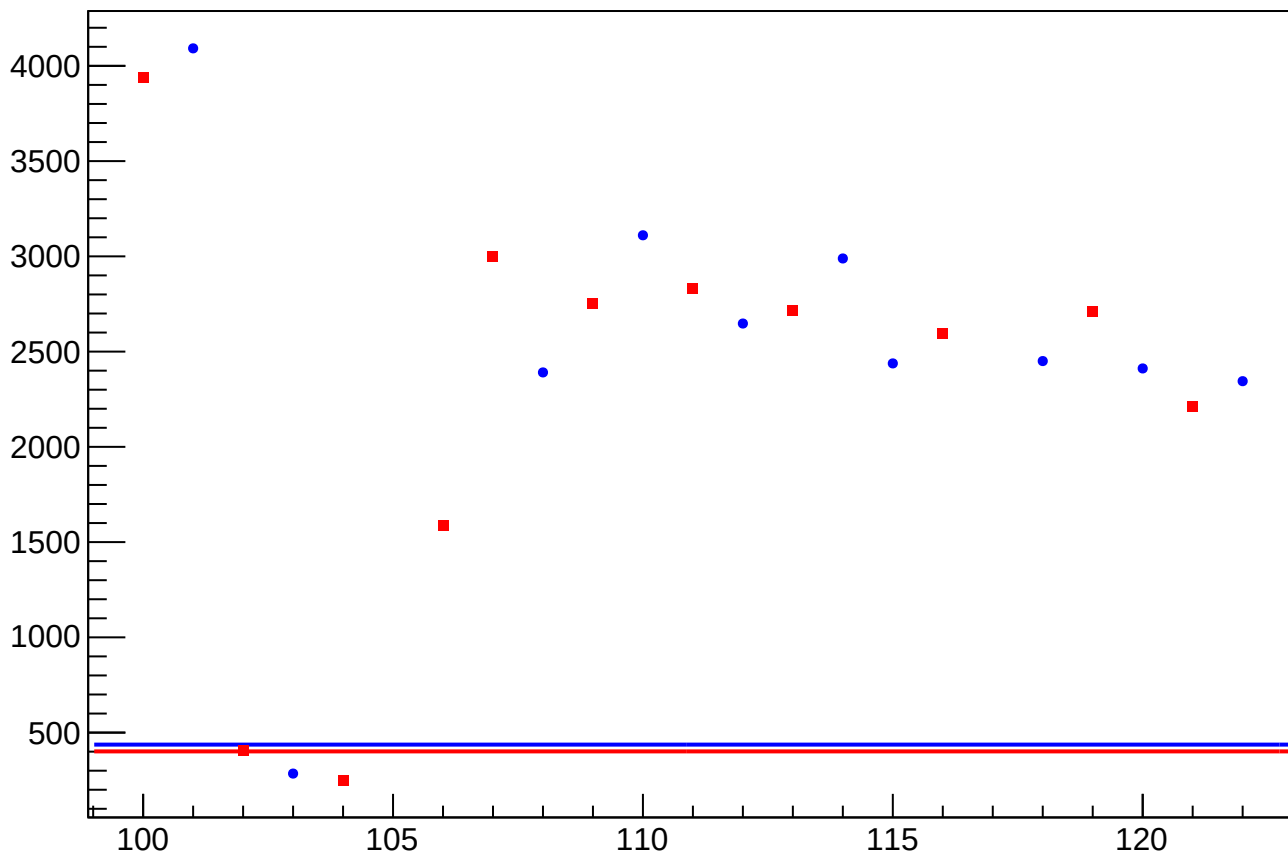
Right: -132.992+/-243.831 χ^2/NDF : 20.1/20

In: -33.656+/-365.273 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.992+/-243.831 χ^2/NDF : 20.1/20

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 436.956+/-0.258 χ^2/NDF : 5266967.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.318+/-0.232 χ^2/NDF : 5253744.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

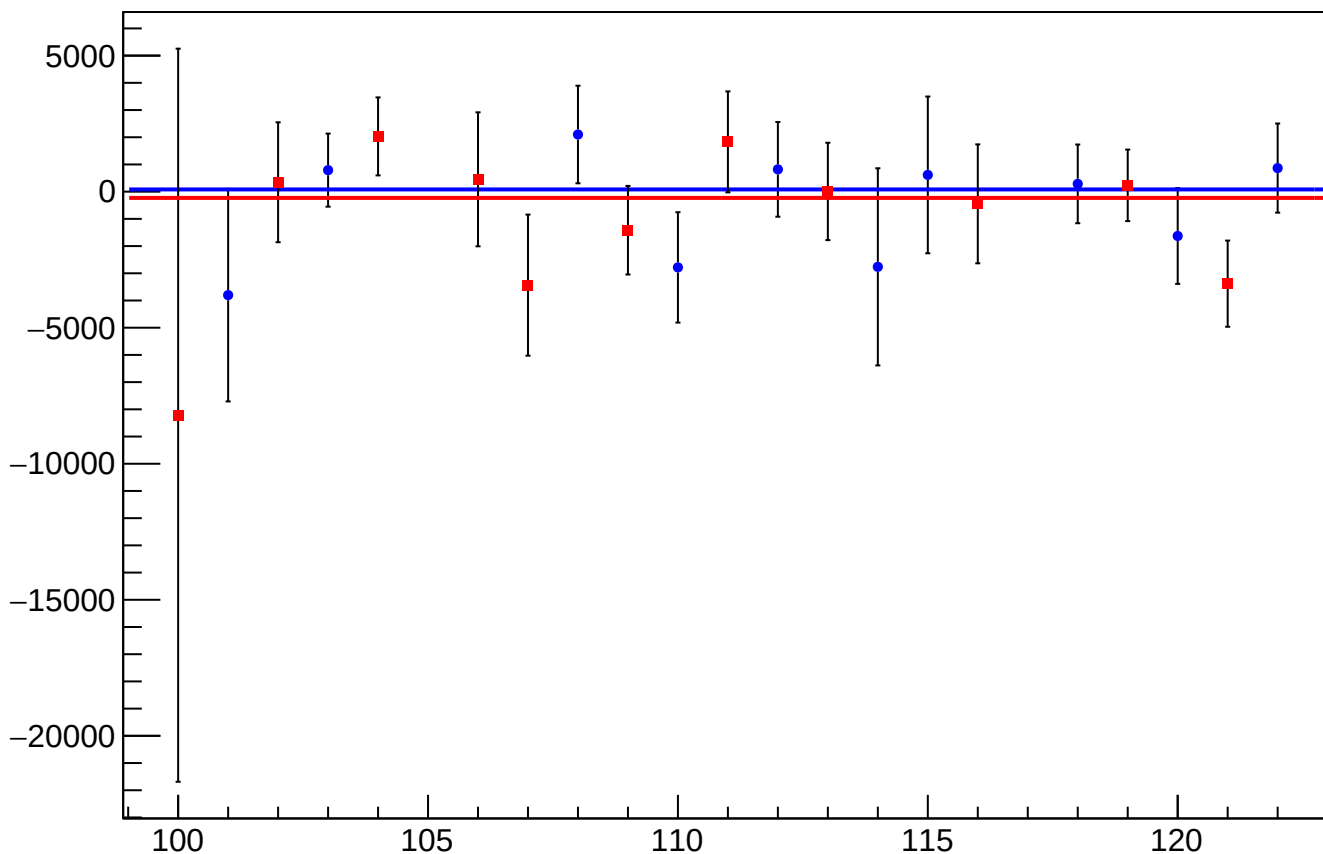
Right: 417.198+/-0.172 χ^2/NDF : 10531266.5/20

In: 436.956+/-0.258 χ^2/NDF : 5266967.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.198+/-0.172 χ^2/NDF : 10531266.5/20

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 82.057+/-589.940 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.419+/-560.850 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

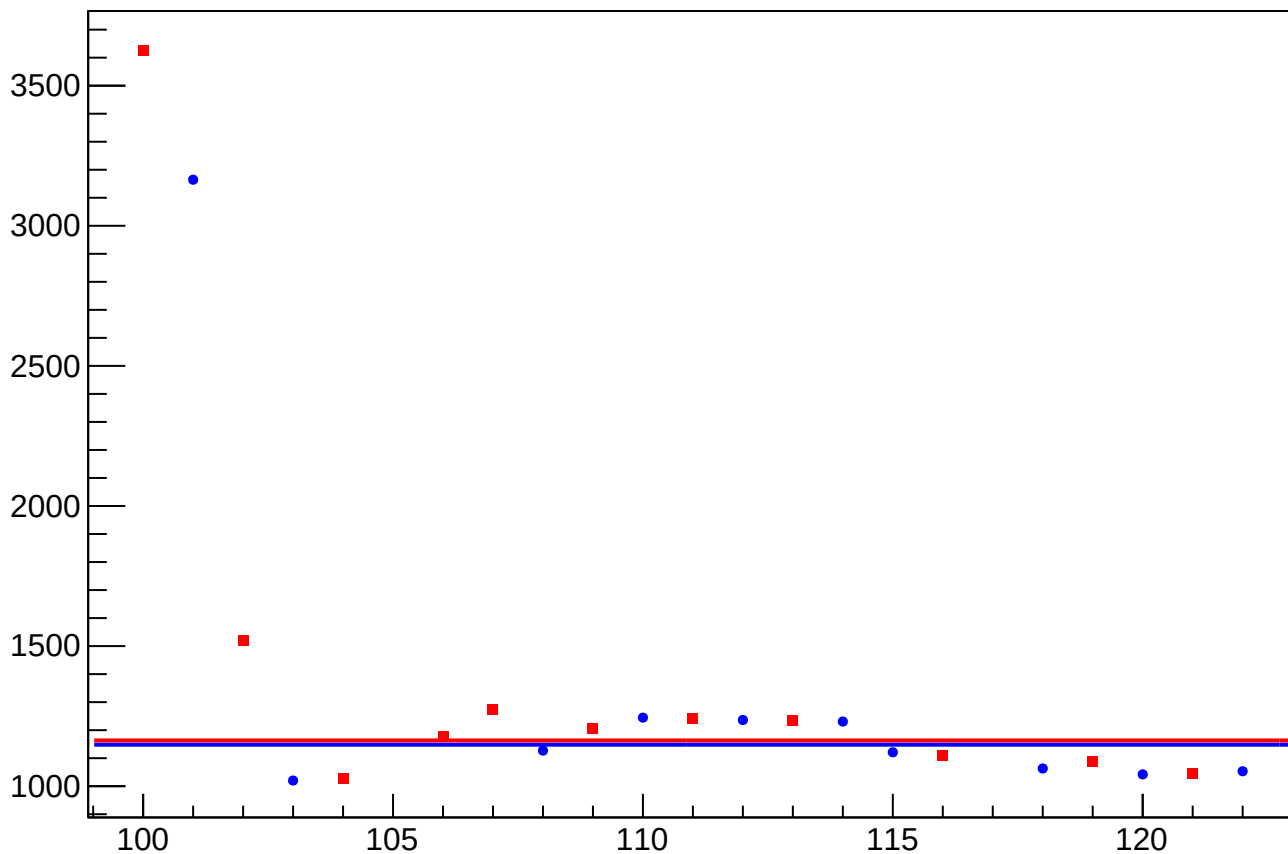
Right: -81.550+/-406.476 χ^2/NDF : 17.1/20

In: 82.057+/-589.940 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.550+/-406.476 χ^2/NDF : 17.1/20

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1148.217+/-0.417 χ^2/NDF : 582603.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1163.351+/-0.396 χ^2/NDF : 167845.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

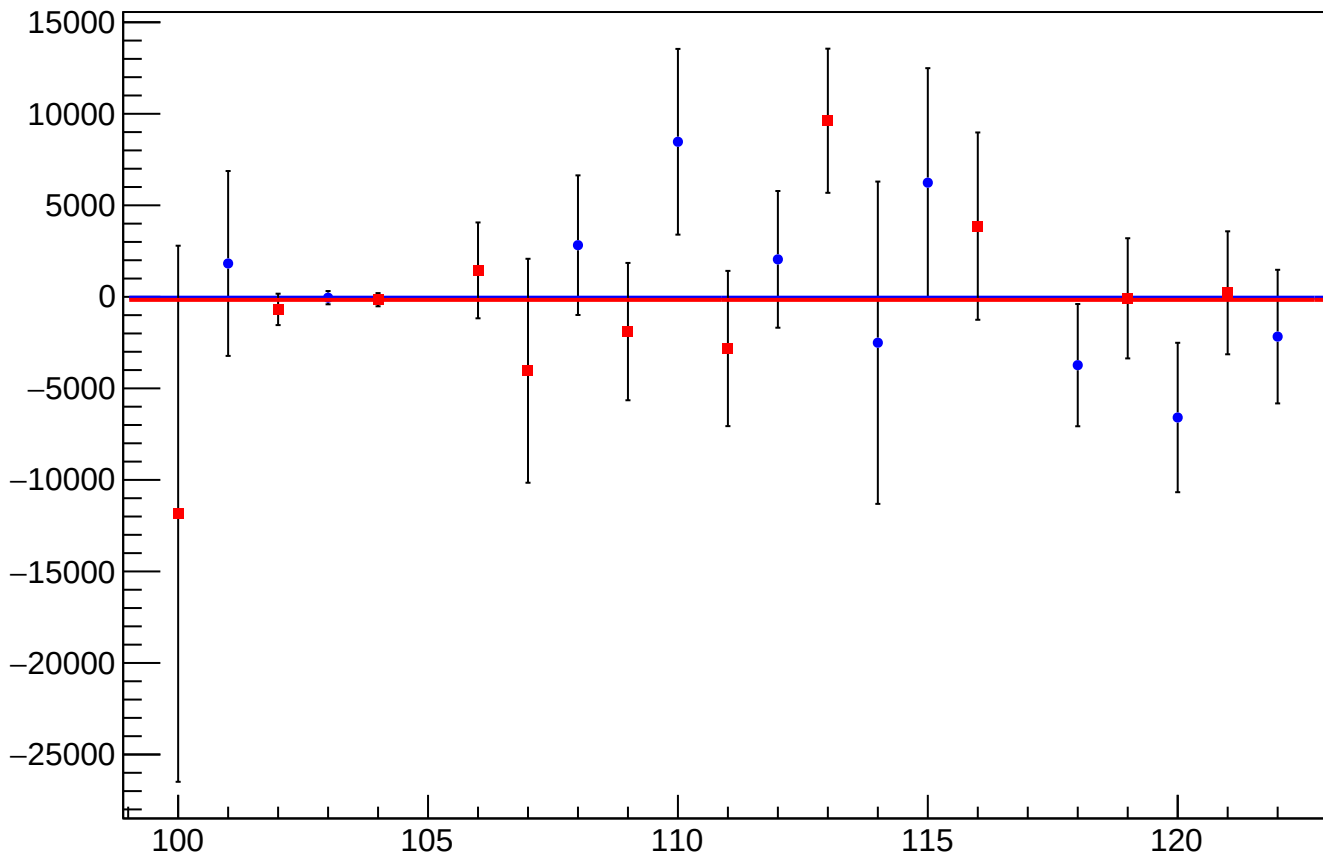
Right: 1156.173+/-0.287 χ^2/NDF : 751141.3/20

In: 1148.217+/-0.417 χ^2/NDF :582603.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1156.173+/-0.287 χ^2/NDF : 751141.3/20

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -45.590+/-351.323 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -164.993+/-322.038 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

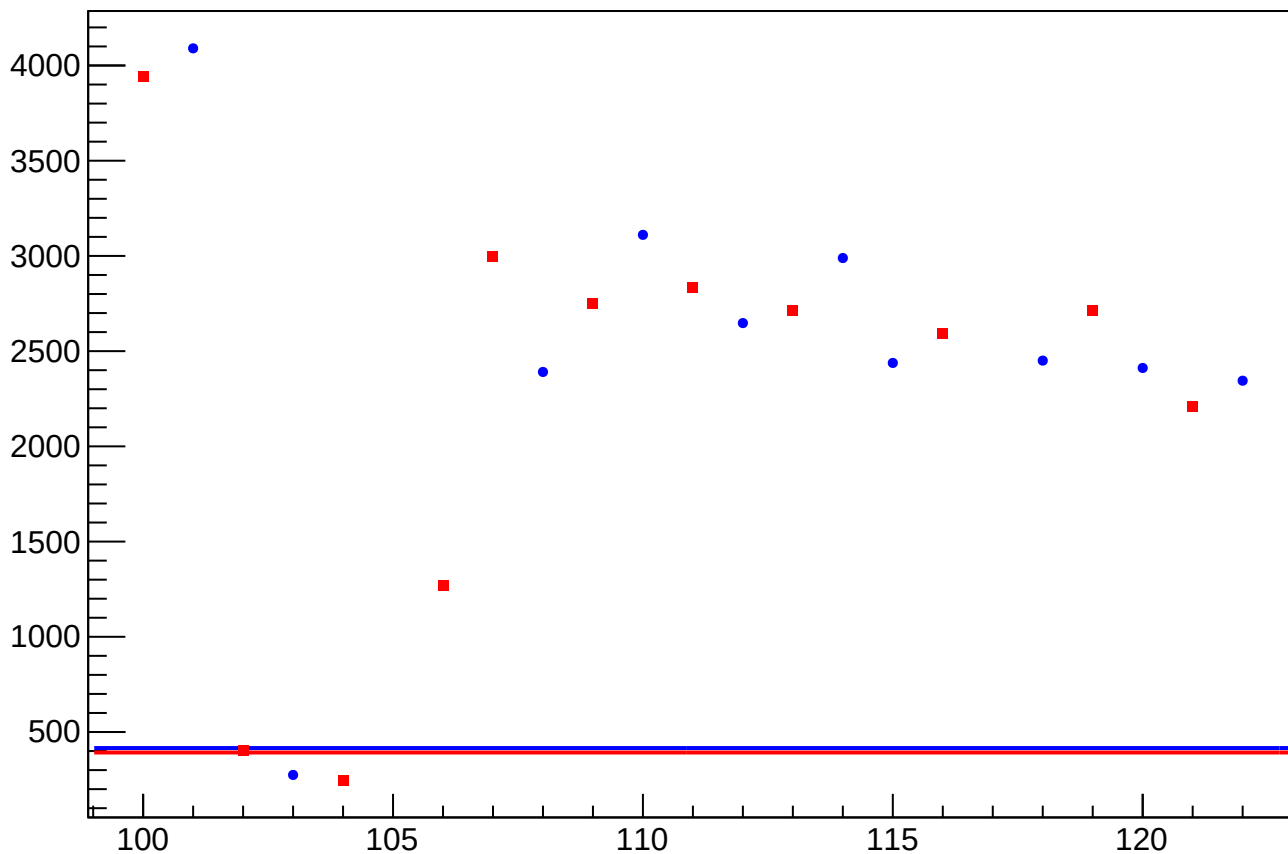
Right: -110.475+/-237.394 χ^2/NDF : 18.3/20

In: -45.590+/-351.323 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -110.475+/-237.394 χ^2/NDF : 18.3/20

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 415.845+/-0.248 χ^2/NDF : 5337232.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.437+/-0.228 χ^2/NDF : 5147622.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

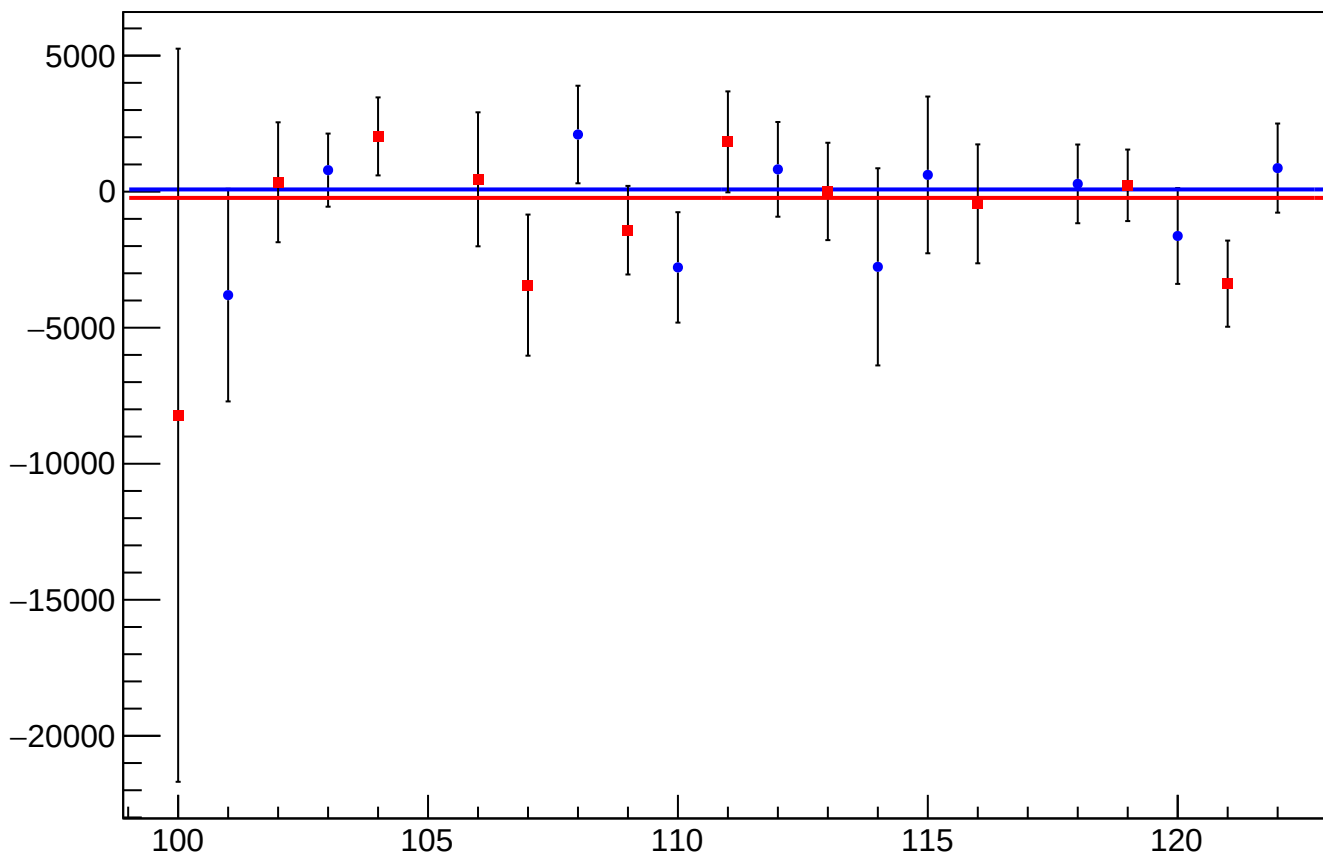
Right: 403.125+/-0.168 χ^2/NDF : 10489679.4/20

In: 415.845+/-0.248 χ^2/NDF : 5337232.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.125+/-0.168 χ^2/NDF : 10489679.4/20

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 82.057+/-589.940 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.419+/-560.850 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

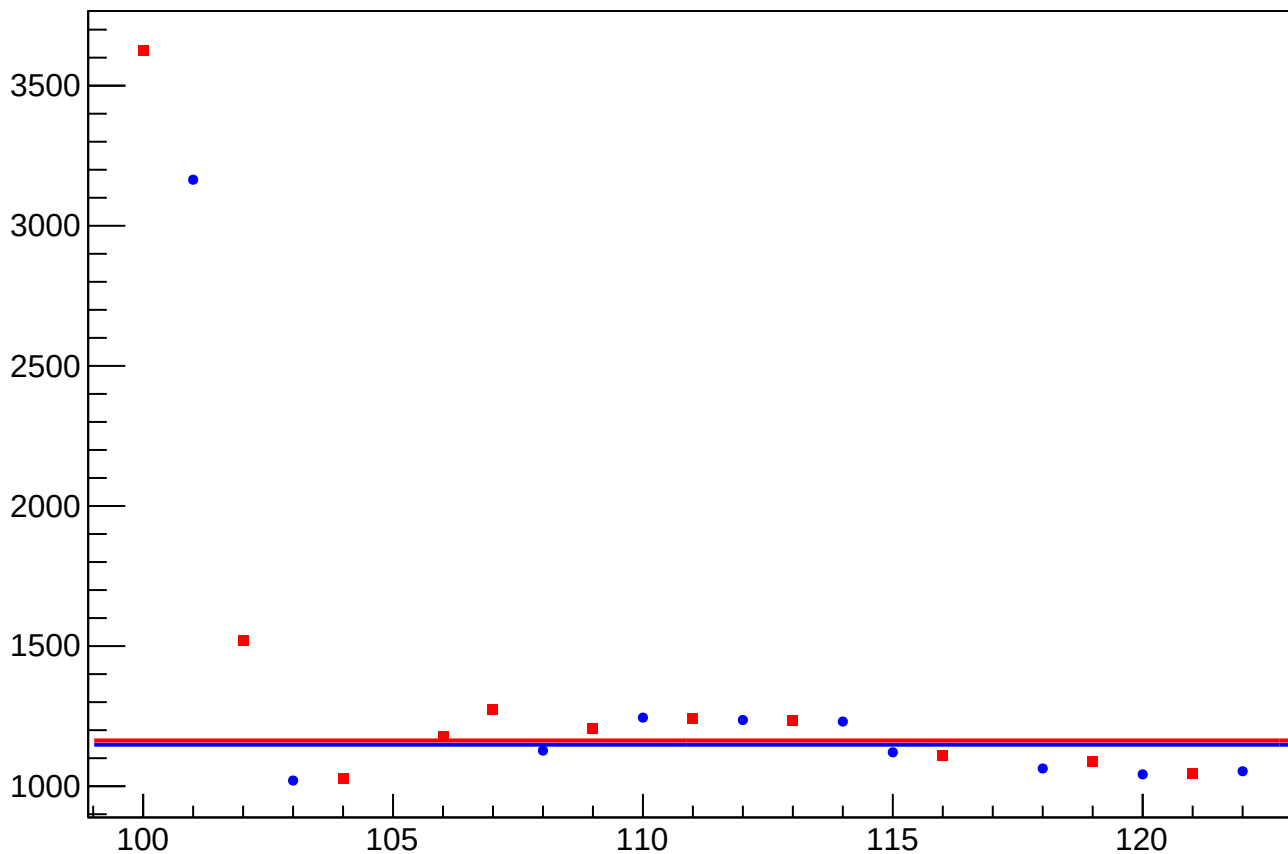
Right: -81.550+/-406.476 χ^2/NDF : 17.1/20

In: 82.057+/-589.940 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.550+/-406.476 χ^2/NDF : 17.1/20

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1148.217+/-0.417 χ^2/NDF : 582603.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1163.351+/-0.396 χ^2/NDF : 167845.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

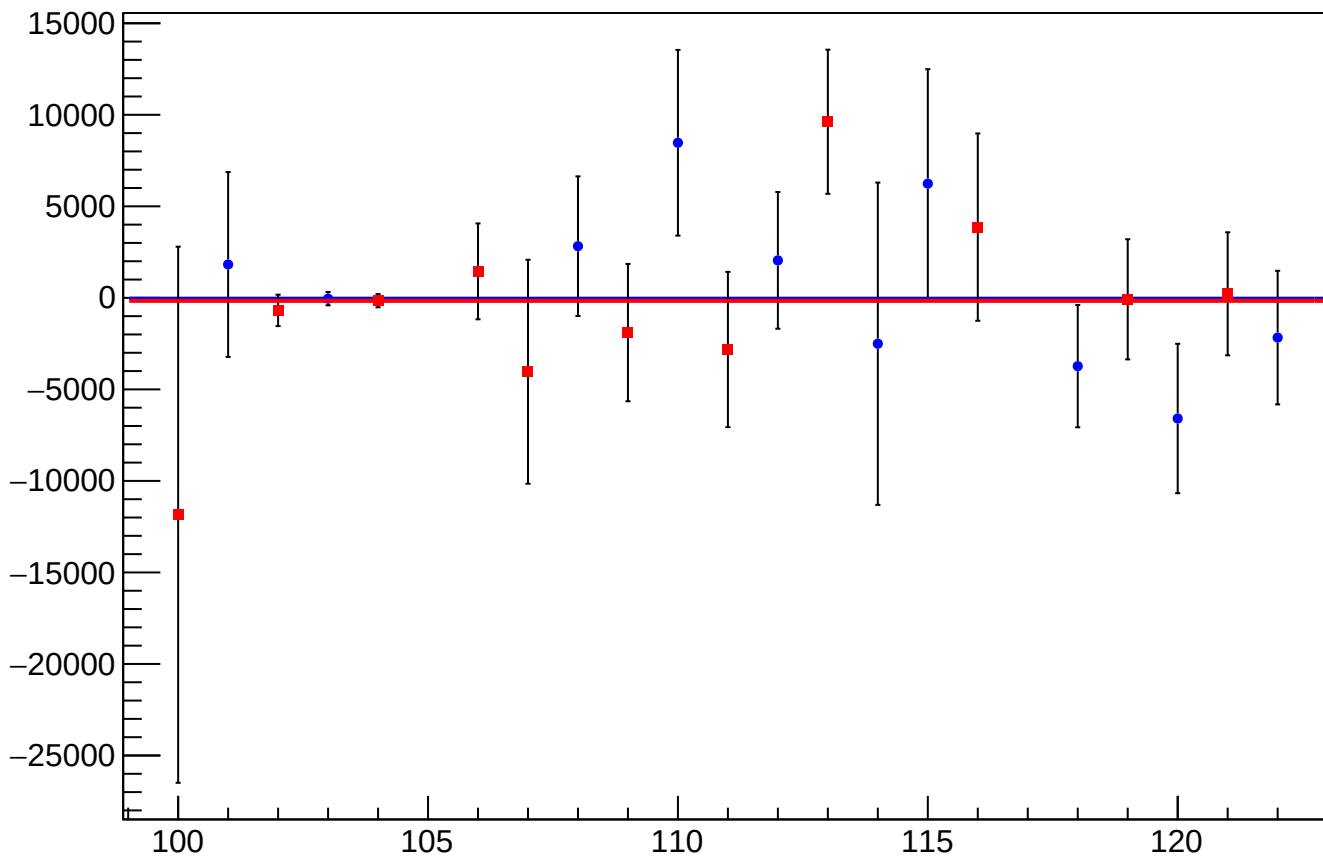
Right: 1156.173+/-0.287 χ^2/NDF : 751141.3/20

In: 1148.217+/-0.417 χ^2/NDF :582603.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1156.173+/-0.287 χ^2/NDF : 751141.3/20

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -45.590+/-351.323 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.993+/-322.038 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

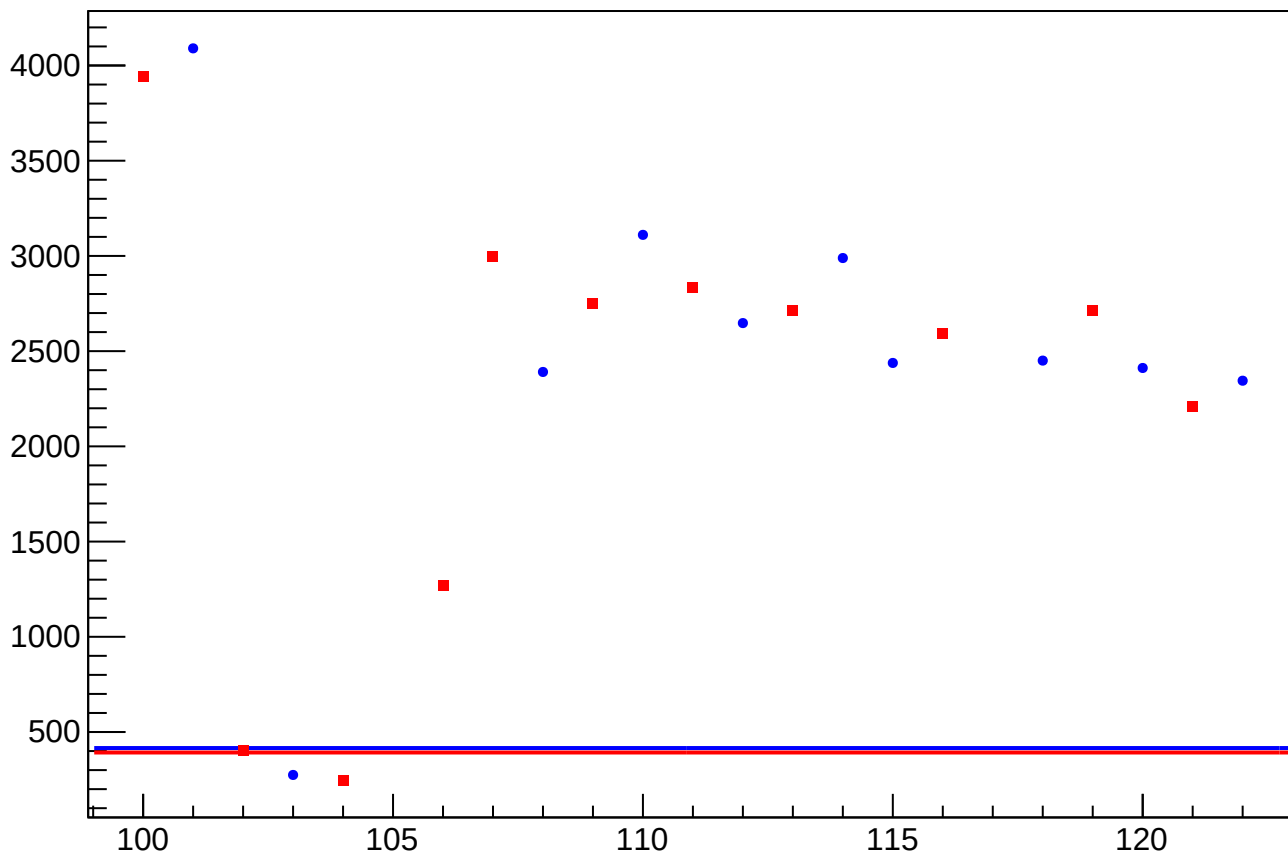
Right: -110.475+/-237.394 χ^2/NDF : 18.3/20

In: -45.590+/-351.323 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.475+/-237.394 χ^2/NDF : 18.3/20

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 415.845+/-0.248 χ^2/NDF : 5337232.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.437+/-0.228 χ^2/NDF : 5147622.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

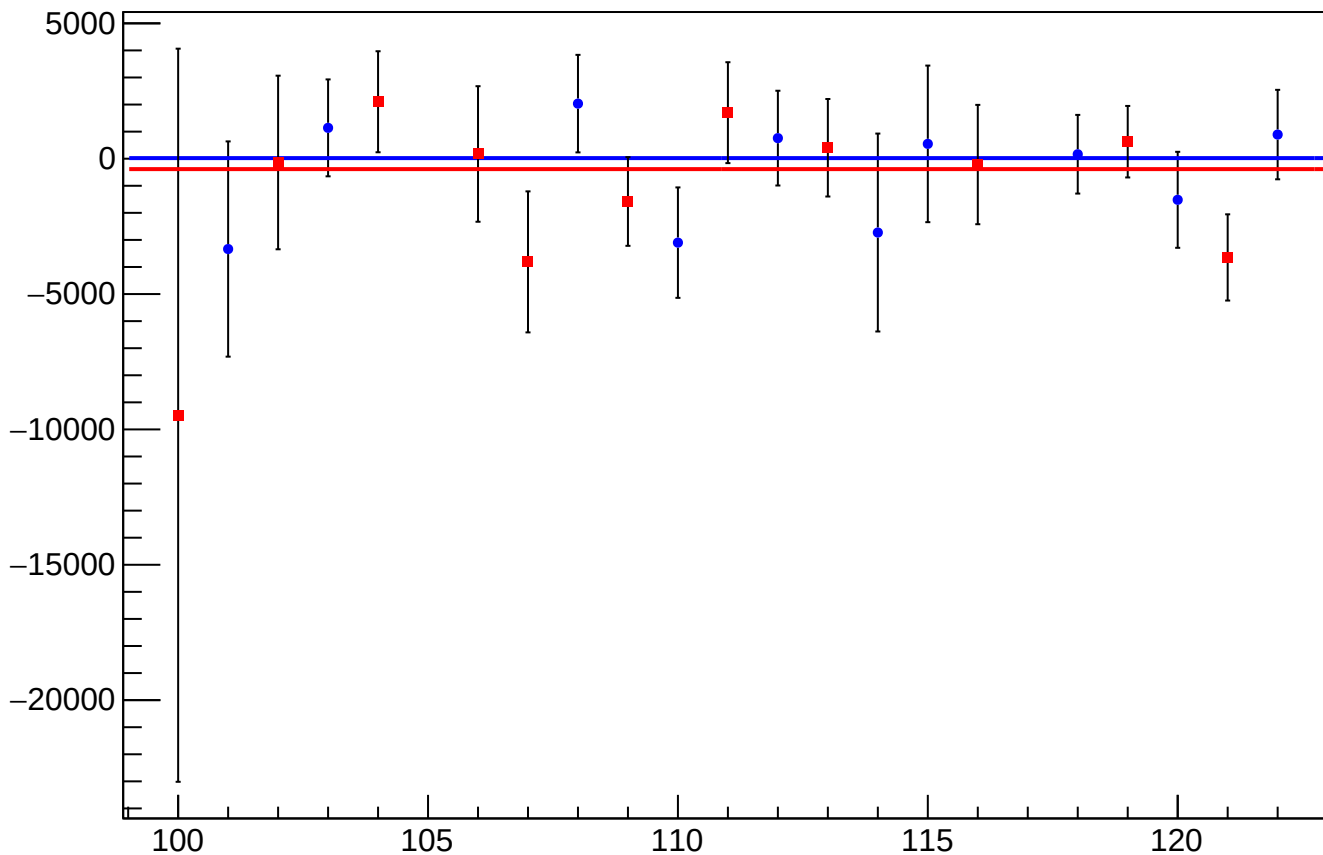
Right: 403.125+/-0.168 χ^2/NDF : 10489679.4/20

In: 415.845+/-0.248 χ^2/NDF : 5337232.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.125+/-0.168 χ^2/NDF : 10489679.4/20

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 21.908+/-619.816 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -384.778+/-593.473 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

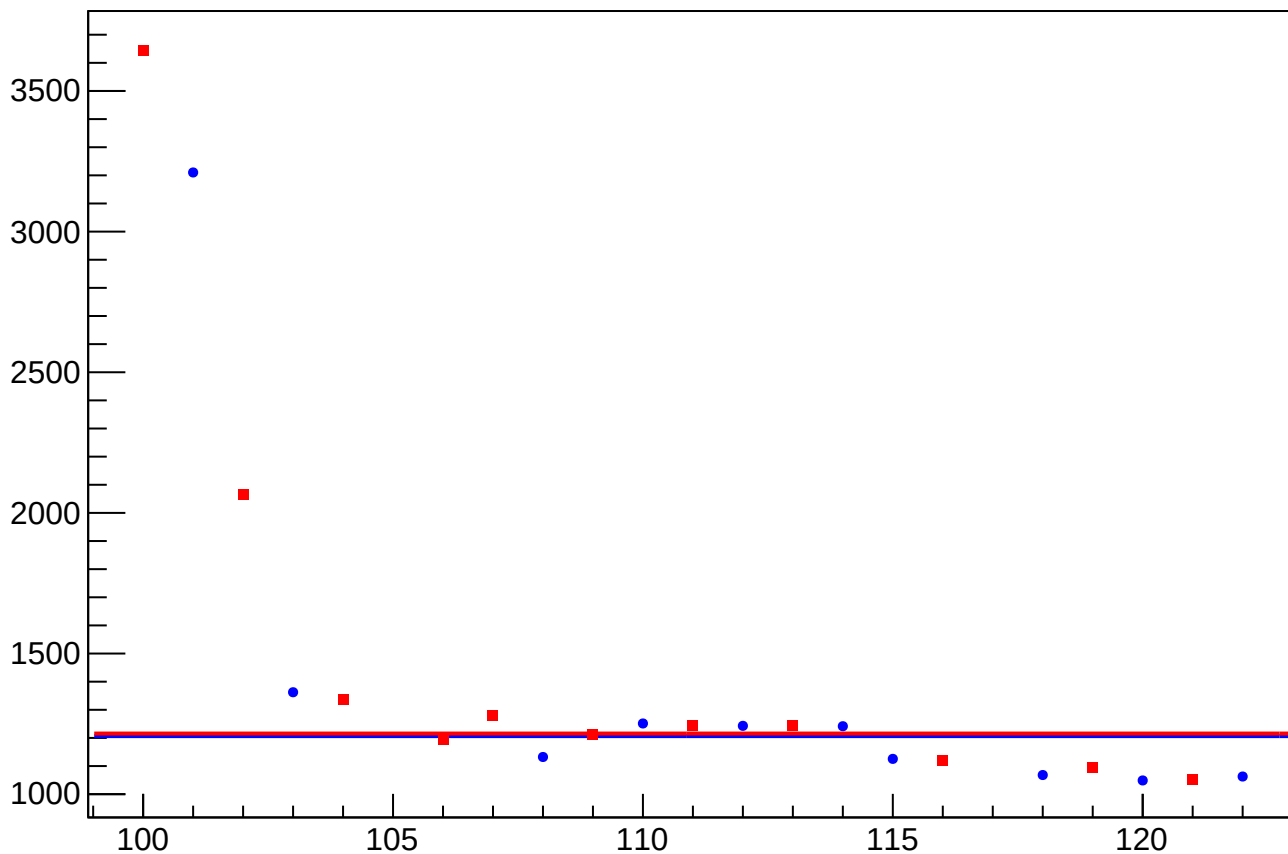
Right: -190.261+/-428.659 χ^2/NDF : 17.5/20

In: 21.908+/-619.816 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.261+/-428.659 χ^2/NDF : 17.5/20

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1206.445+/-0.438 χ^2/NDF : 579284.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1215.575+/-0.419 χ^2/NDF : 257398.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

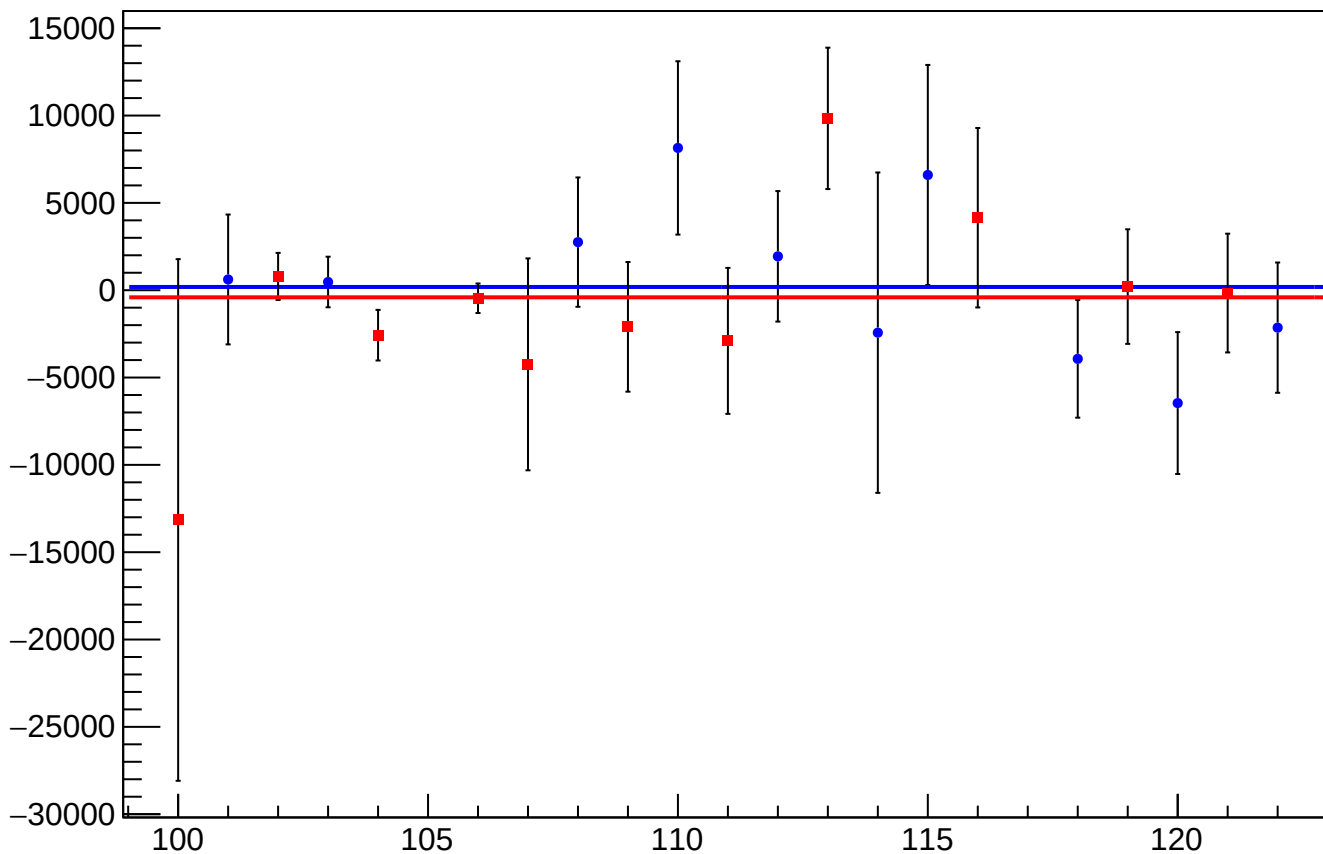
Right: 1211.212+/-0.303 χ^2/NDF : 836909.3/20

In: 1206.445+/-0.438 χ^2/NDF : 579284.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1211.212+/-0.303 χ^2/NDF : 836909.3/20

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 186.002 $\pm$ 1003.758 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -407.243 $\pm$ 590.526 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

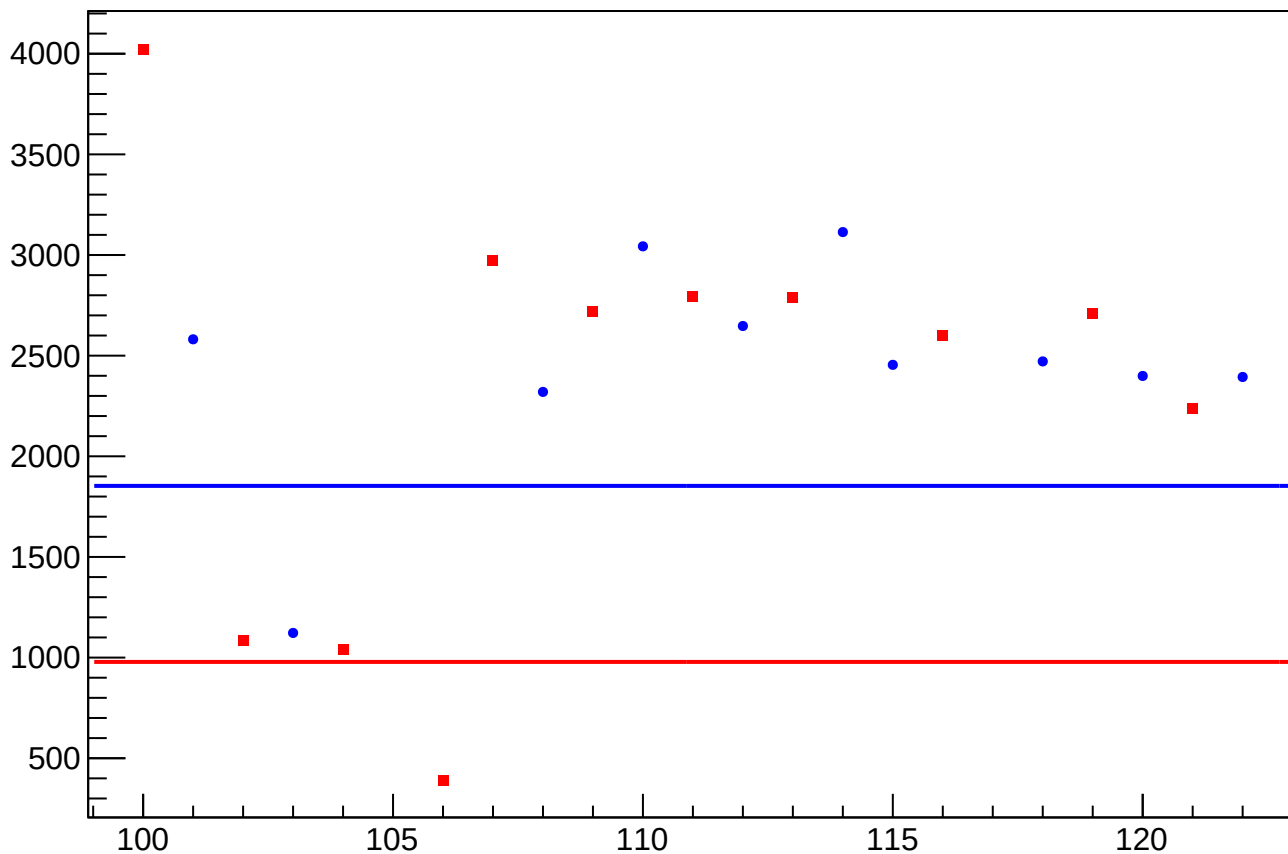
Right: -254.707 $\pm$ 508.977 χ^2 /NDF: 21.2/20

In: 186.002 $\pm$ 1003.758 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -254.707 $\pm$ 508.977 χ^2 /NDF: 21.2/20

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1853.013+/-0.710 χ^2/NDF : 1025037.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.472+/-0.418 χ^2/NDF : 3536209.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

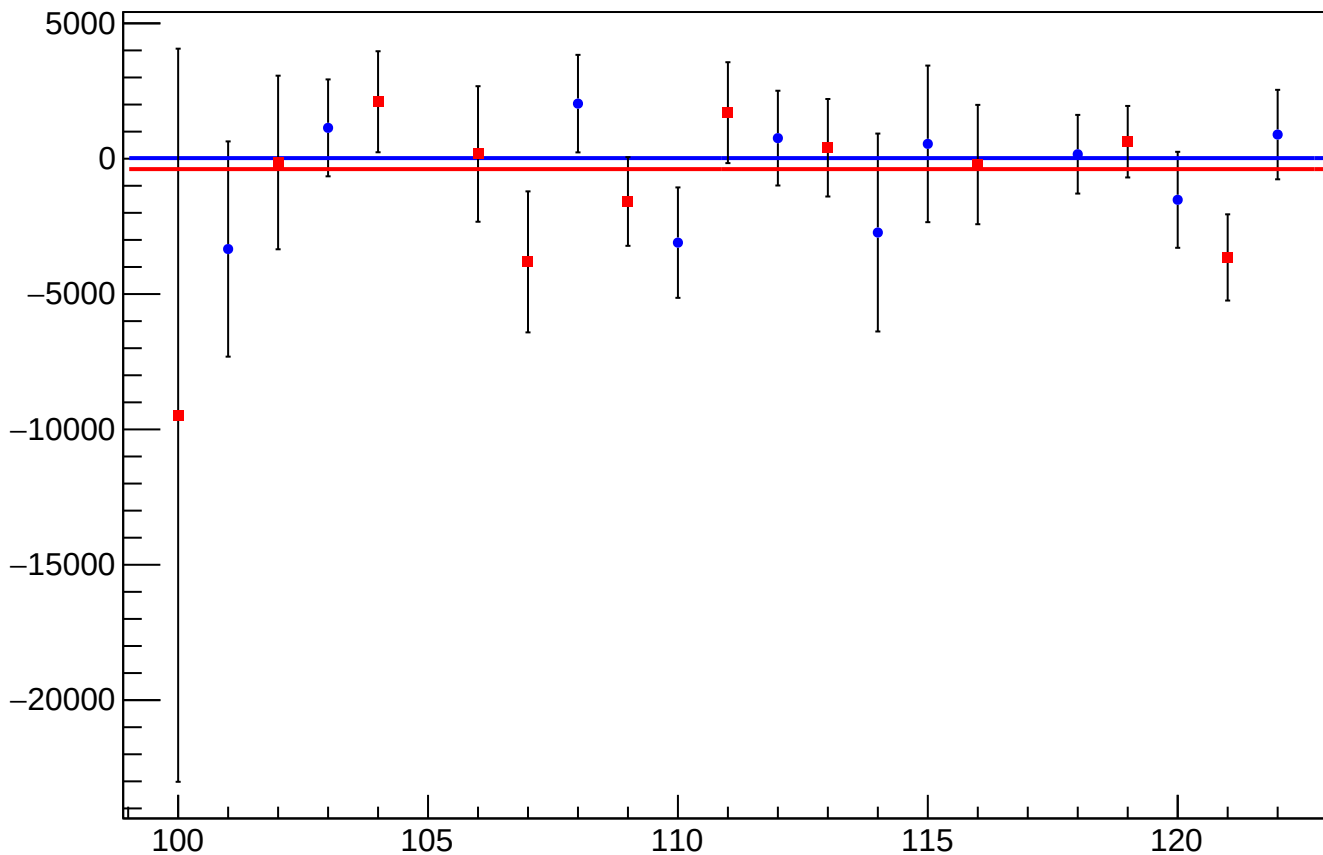
Right: 1203.335+/-0.360 χ^2/NDF : 5689093.9/20

In: 1853.013+/-0.710 χ^2/NDF : 1025037.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.335+/-0.360 χ^2/NDF : 5689093.9/20

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 21.911+/-619.815 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -384.783+/-593.473 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

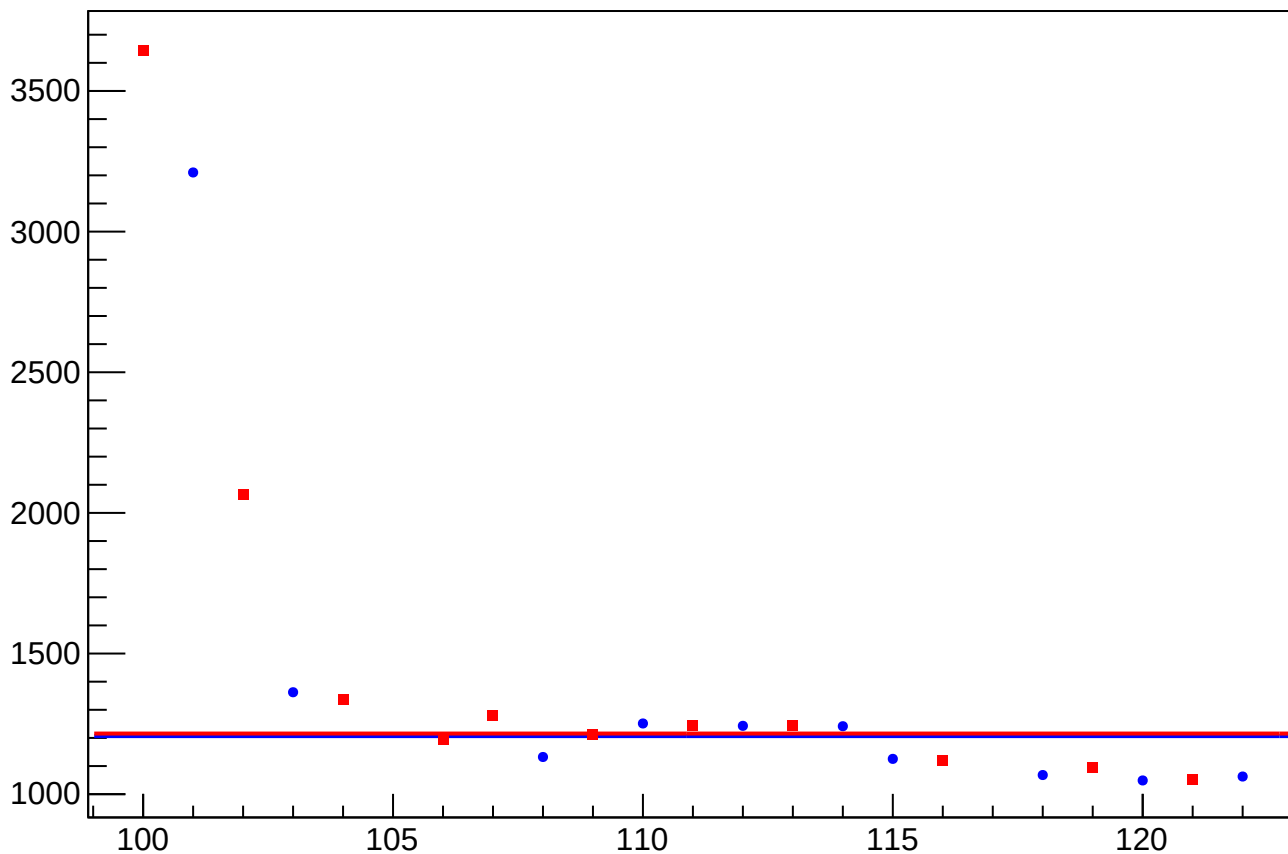
Right: -190.262+/-428.659 χ^2/NDF : 17.5/20

In: 21.911+/-619.815 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.262+/-428.659 χ^2/NDF : 17.5/20

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1206.445+/-0.438 χ^2/NDF : 579284.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1215.574+/-0.419 χ^2/NDF : 257398.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

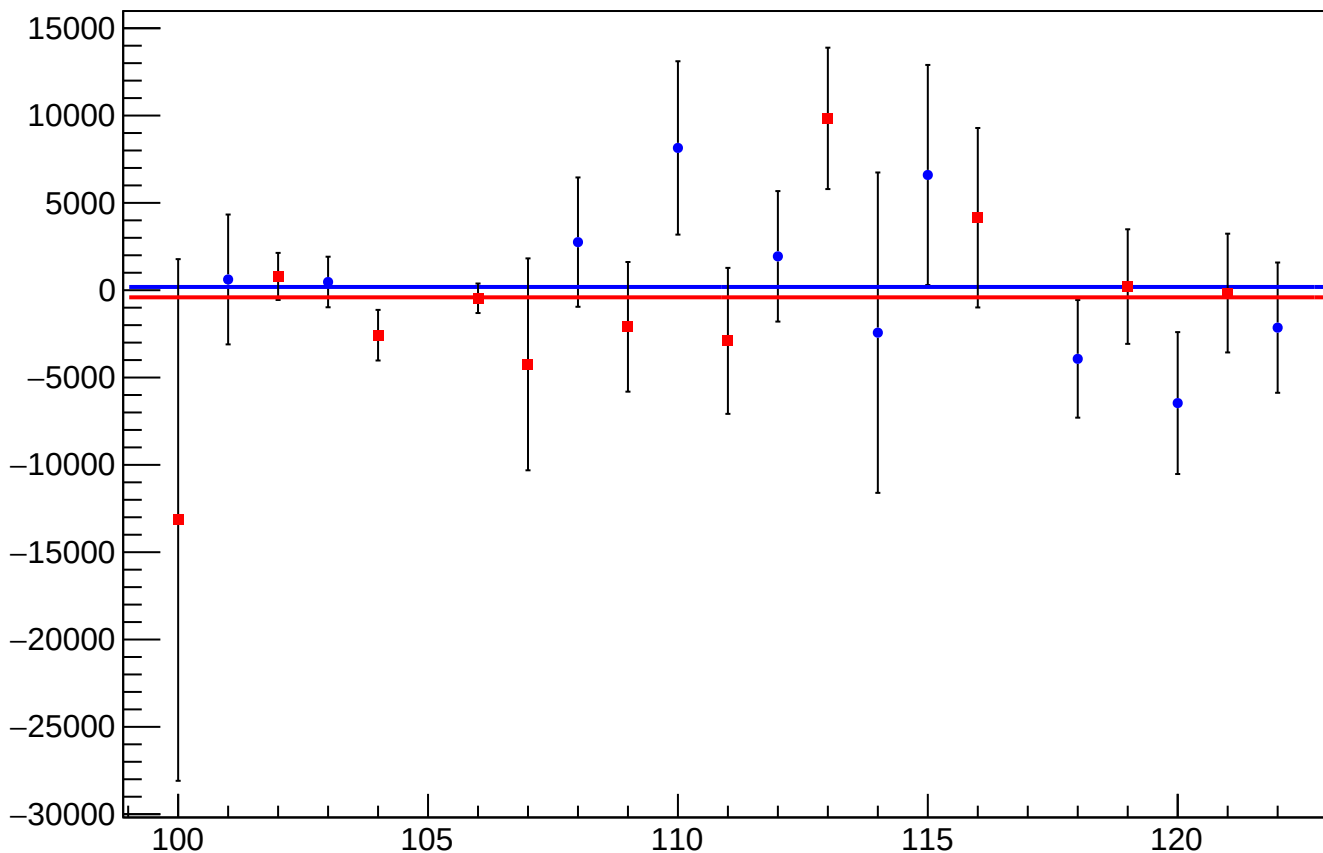
Right: 1211.211+/-0.303 χ^2/NDF : 836909.2/20

In: 1206.445+/-0.438 χ^2/NDF : 579284.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1211.211+/-0.303 χ^2/NDF : 836909.2/20

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 185.997 $\pm$ 1003.757 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -407.242 $\pm$ 590.518 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

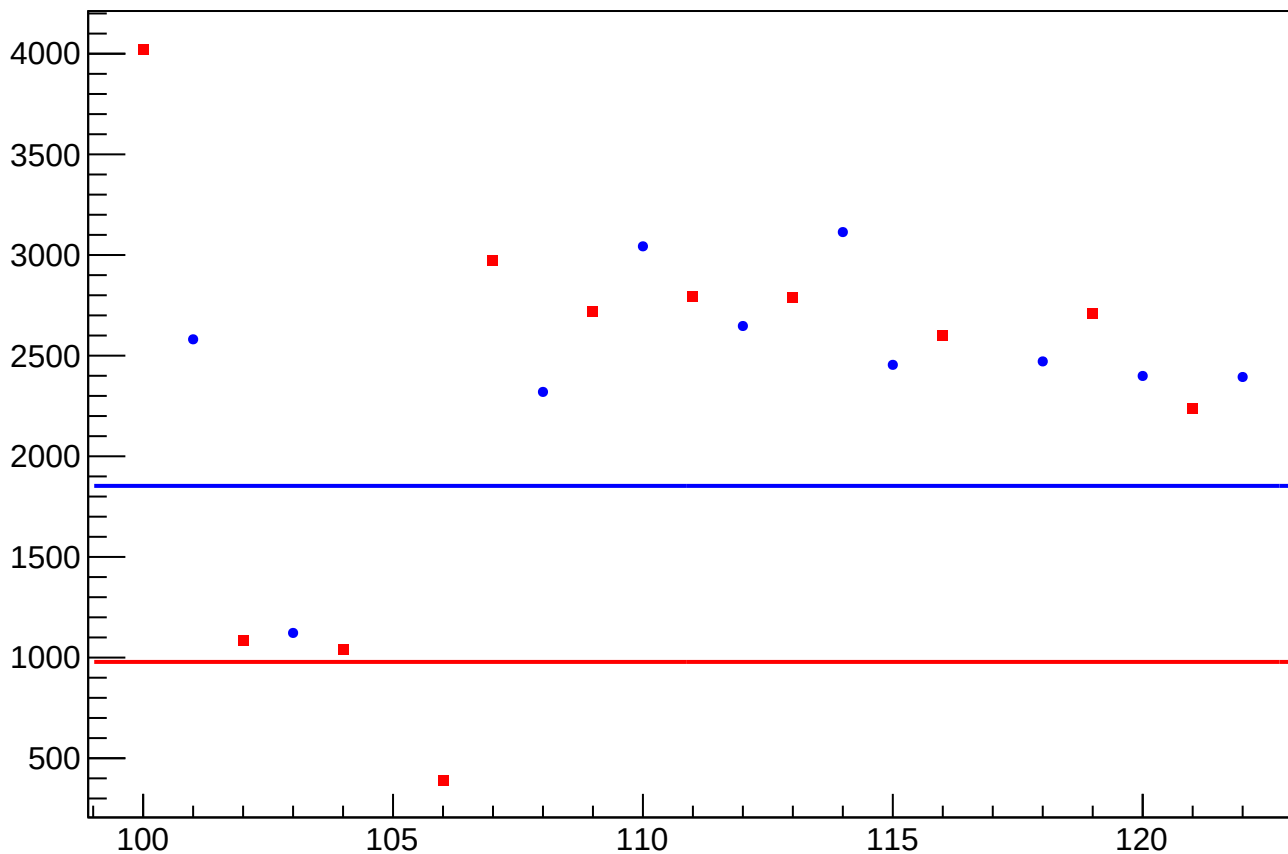
Right: -254.710 $\pm$ 508.971 χ^2 /NDF: 21.2/20

In: 185.997 $\pm$ 1003.757 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -254.710 $\pm$ 508.971 χ^2 /NDF: 21.2/20

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1853.011+/-0.710 χ^2/NDF : 1025031.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.451+/-0.418 χ^2/NDF : 3536292.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

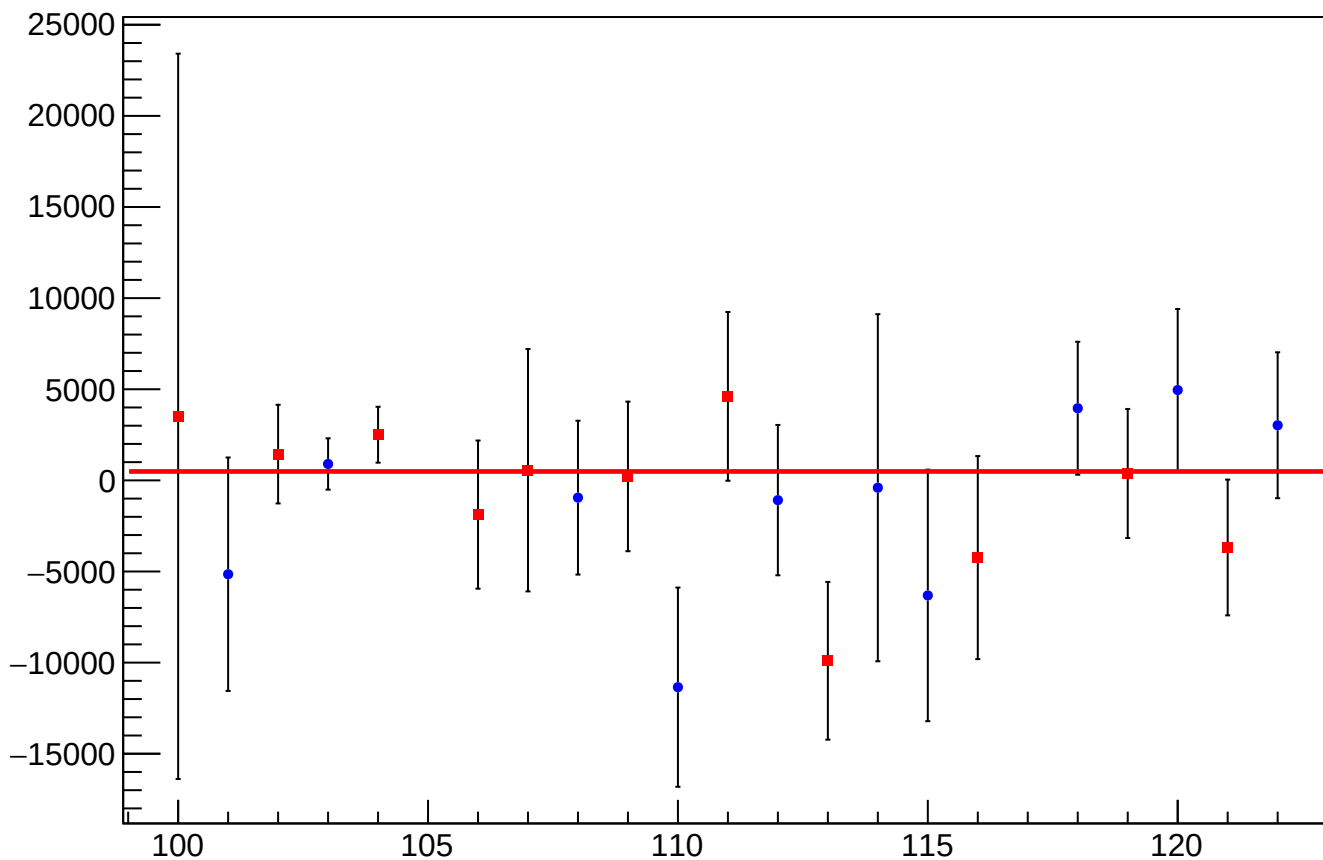
Right: 1203.315+/-0.360 χ^2/NDF : 5689228.7/20

In: 1853.011+/-0.710 χ^2/NDF : 1025031.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.315+/-0.360 χ^2/NDF : 5689228.7/20

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 481.023+/-1055.887 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.801+/-1004.579 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

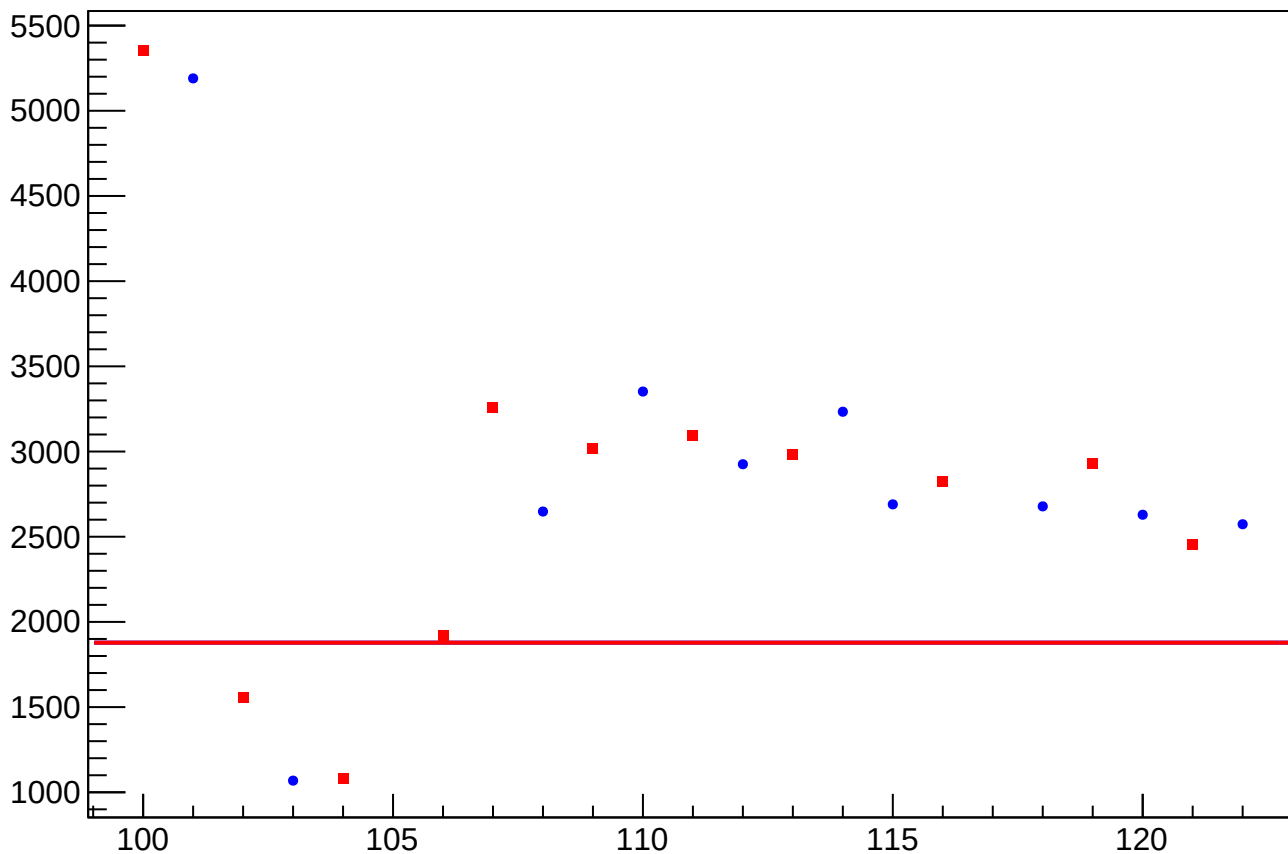
Right: 491.929+/-727.807 χ^2/NDF : 19.9/20

In: 481.023+/-1055.887 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.929+/-727.807 χ^2/NDF : 19.9/20

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1878.450+/-0.747 χ^2/NDF : 1818310.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1878.078+/-0.708 χ^2/NDF : 1419543.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

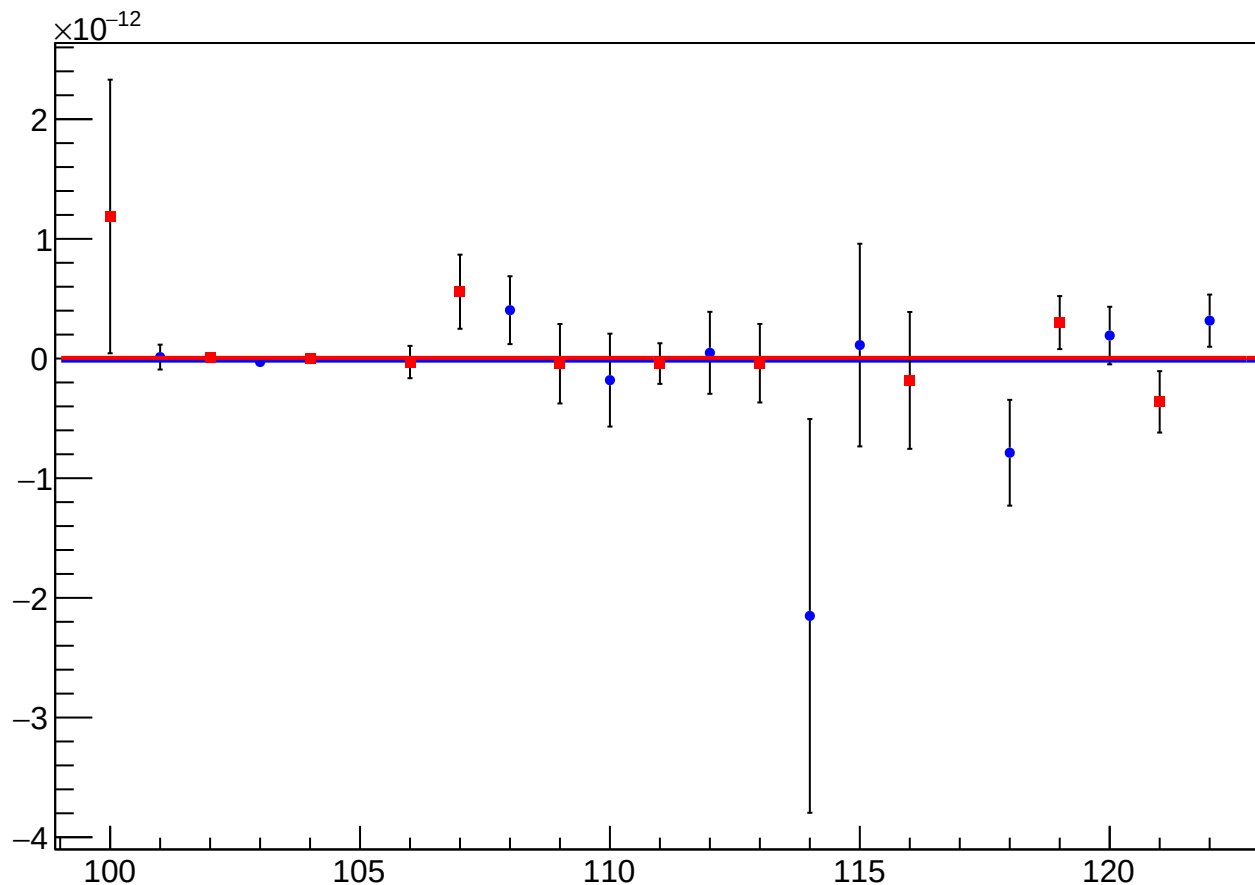
Right: 1878.254+/-0.514 χ^2/NDF : 3237853.9/20

In: 1878.450+/-0.747 χ^2/NDF : 1818310.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.254+/-0.514 χ^2/NDF : 3237853.9/20

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/9

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

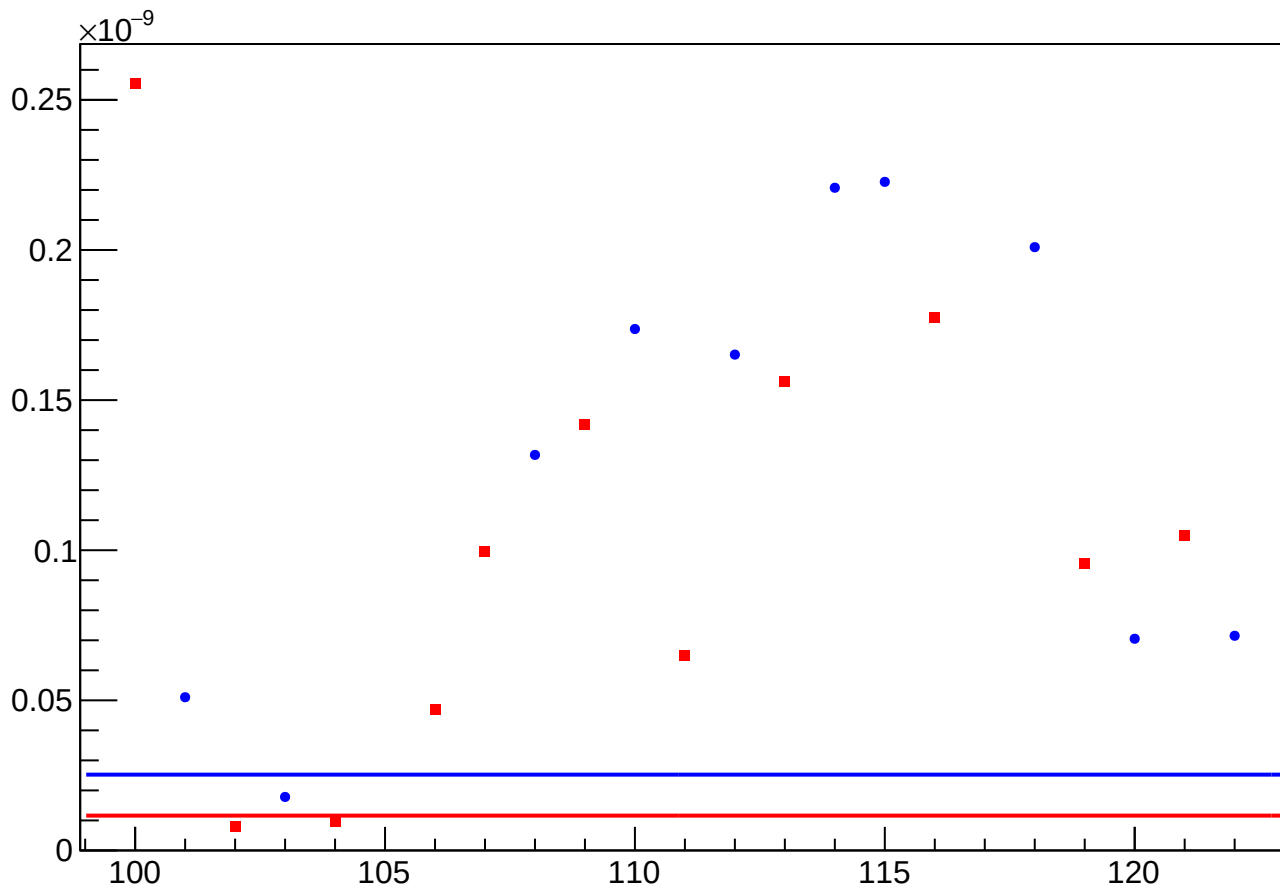
Right: 0.000+/-0.000 χ^2/NDF : 19.4/20

In: -0.000+/-0.000 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.4/20

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1778104.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2062848.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

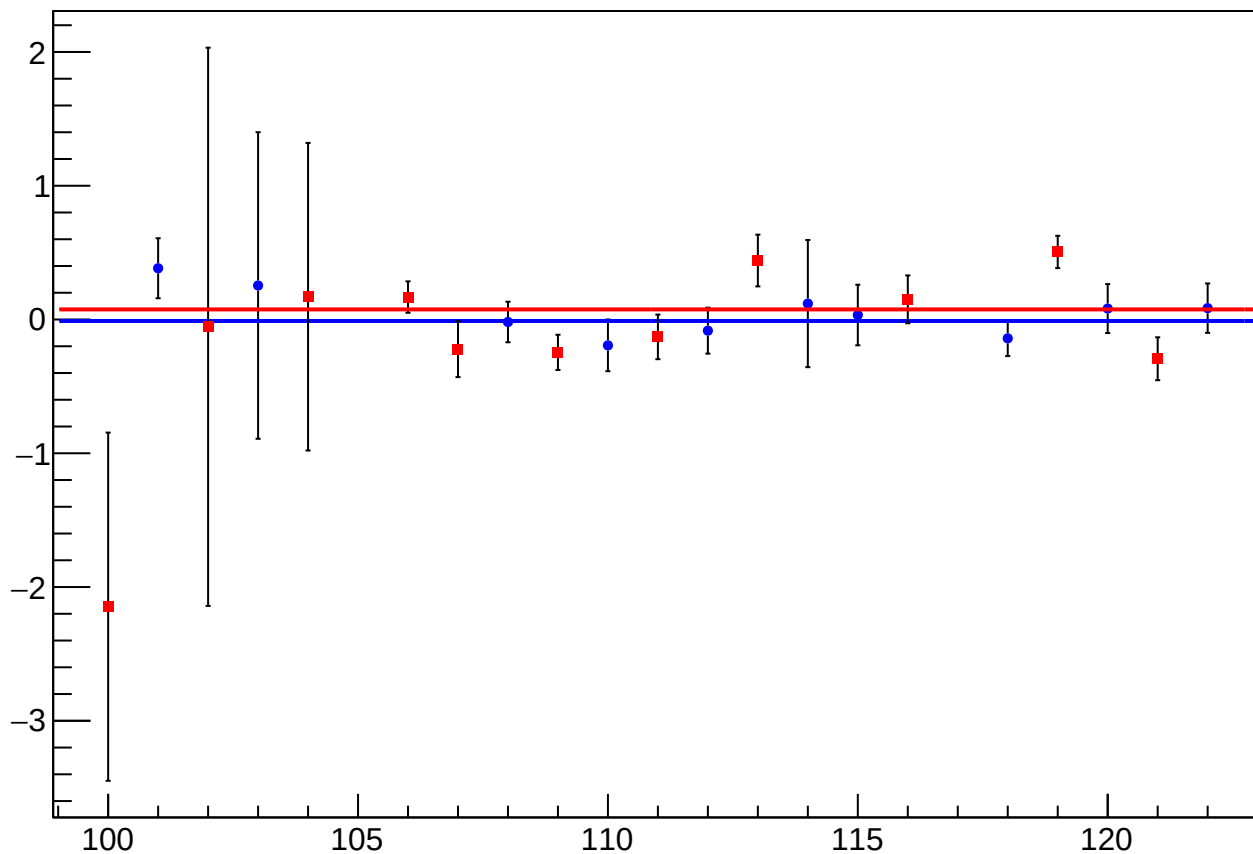
Right: 0.000+/-0.000 χ^2/NDF : 4228820.4/20

In: 0.000+/-0.000 χ^2/NDF : 1778104.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4228820.4/20

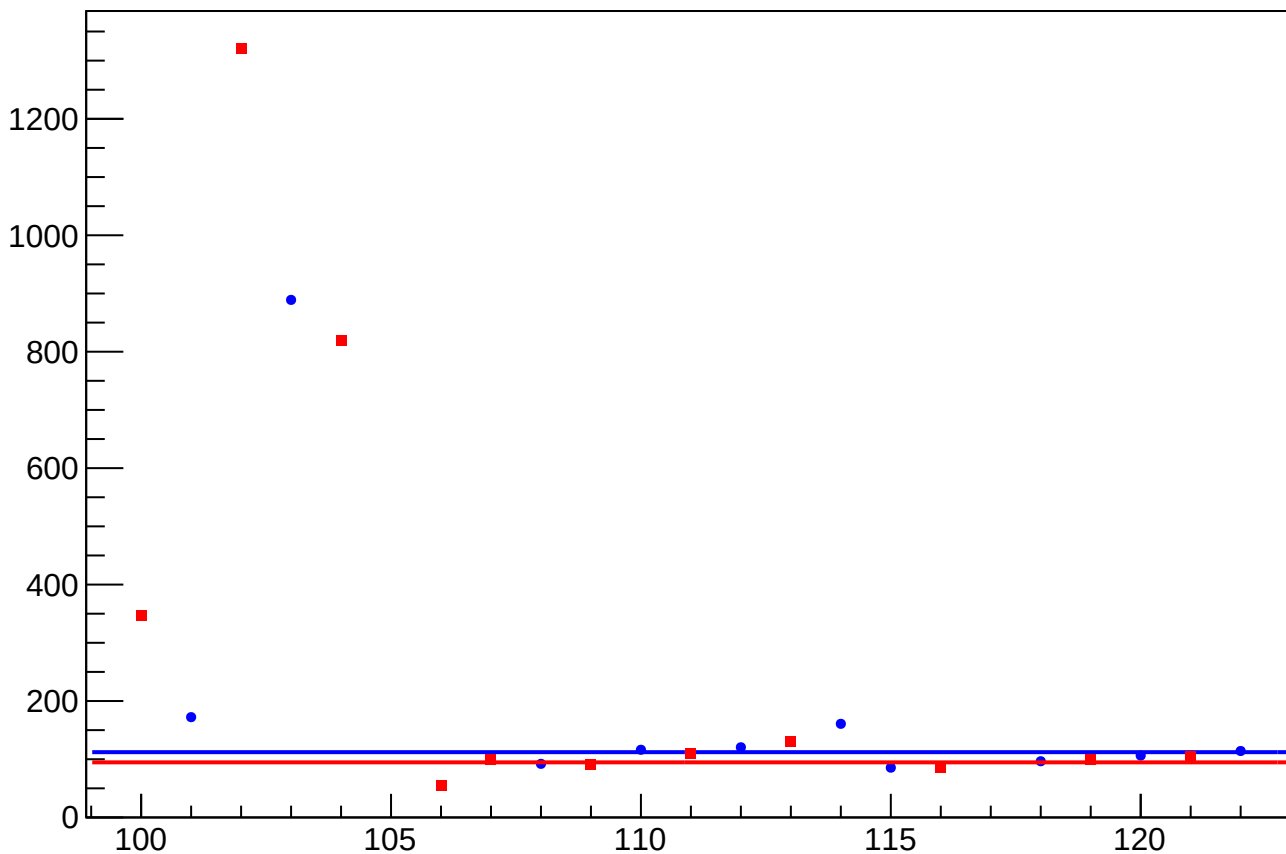
asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.061 χ^2/NDF : 5.8/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.075+/-0.053 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: 0.039+/-0.040 χ^2/NDF : 41.7/20
 In: -0.011+/-0.061 χ^2/NDF :5.8/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.039+/-0.040 χ^2/NDF : 41.7/20

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.151+/-0.043 χ^2/NDF : 1182224.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.640+/-0.037 χ^2/NDF : 1891108.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

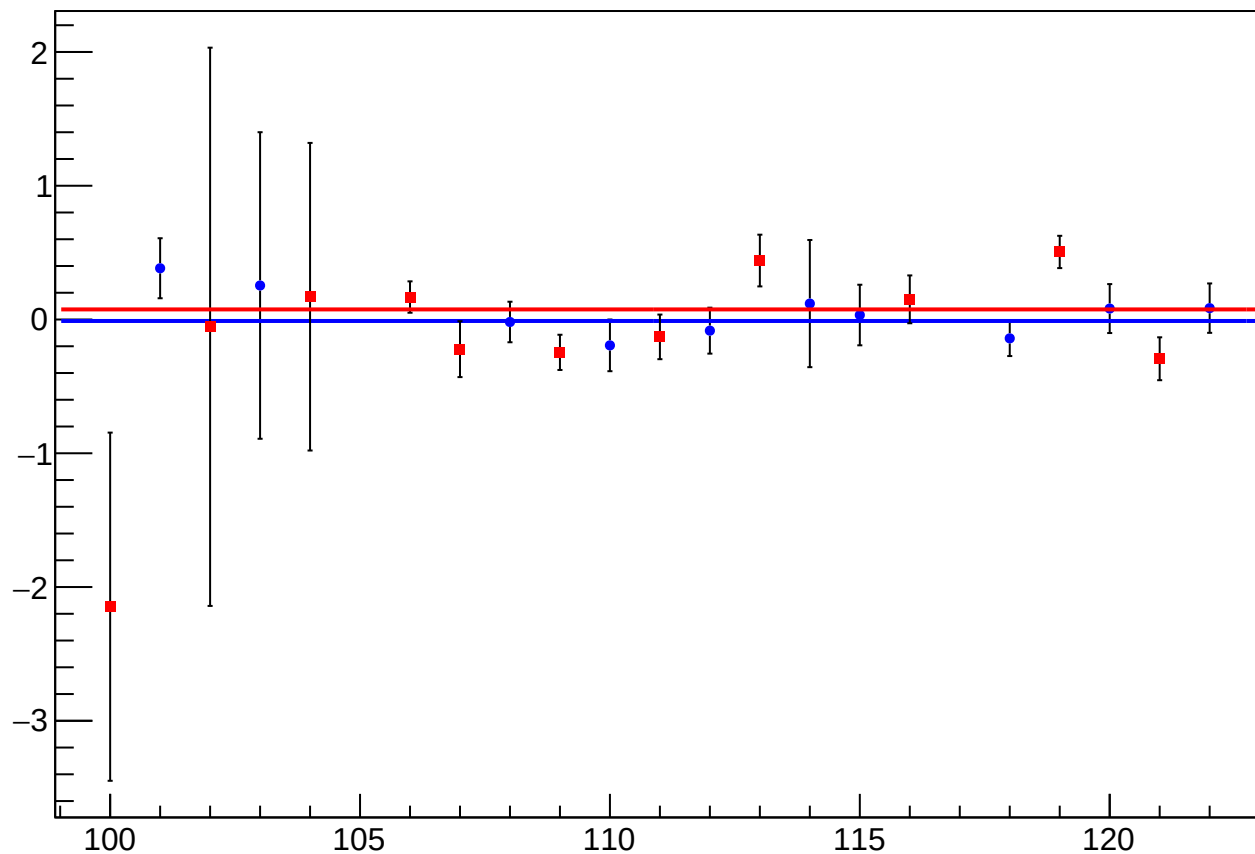
Right: 102.108+/-0.028 χ^2/NDF : 3166536.6/20

In: 112.151+/-0.043 χ^2/NDF : 1182224.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.108+/-0.028 χ^2/NDF : 3166536.6/20

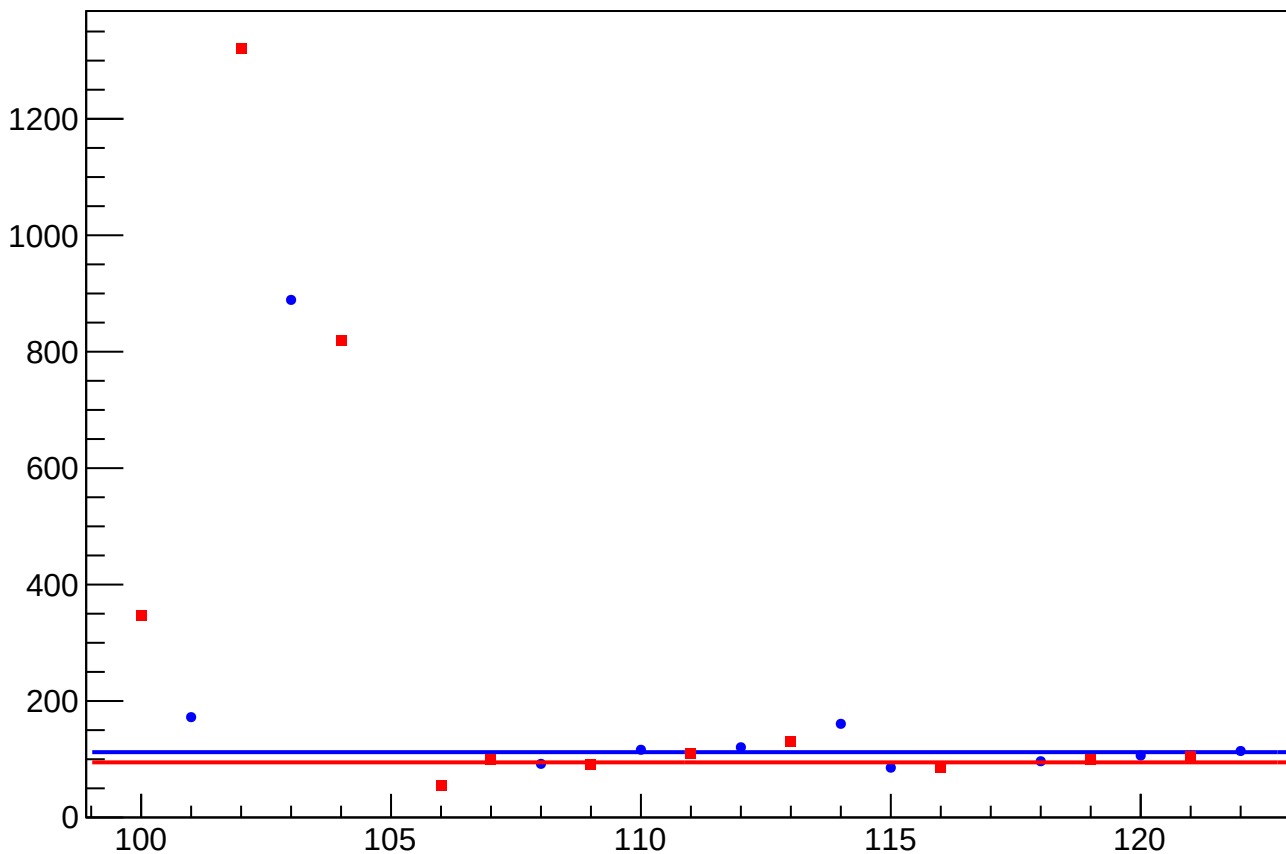
asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.061 χ^2 /NDF: 5.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.075 $\pm$ 0.053 χ^2 /NDF: 34.7/10
 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: 0.039 $\pm$ 0.040 χ^2 /NDF: 41.7/20
 In: -0.011 $\pm$ 0.061 χ^2 /NDF:5.8/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.039 $\pm$ 0.040 χ^2 /NDF: 41.7/20

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.151+/-0.043 χ^2/NDF : 1182224.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.640+/-0.037 χ^2/NDF : 1891108.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

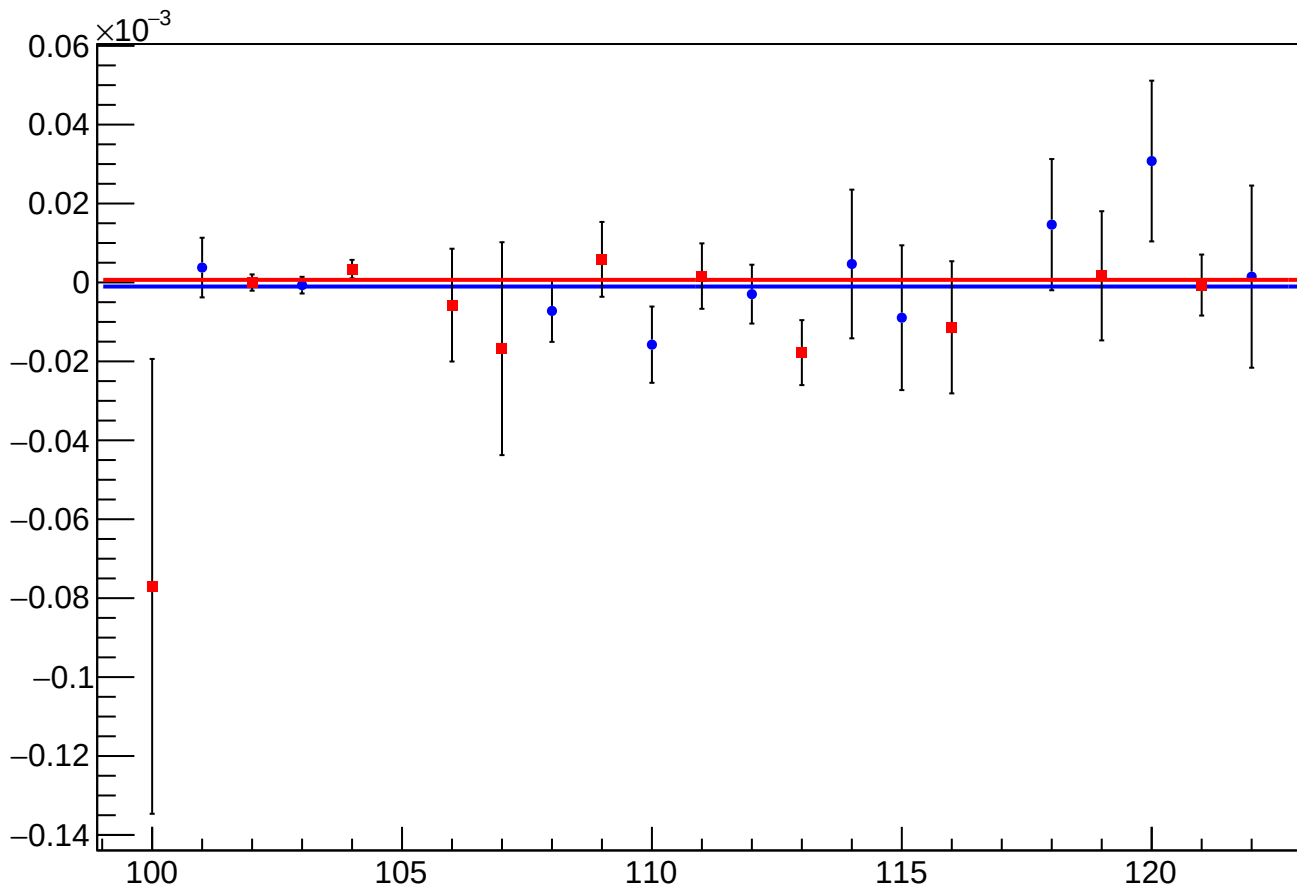
Right: 102.108+/-0.028 χ^2/NDF : 3166536.6/20

In: 112.151+/-0.043 χ^2/NDF : 1182224.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.108+/-0.028 χ^2/NDF : 3166536.6/20

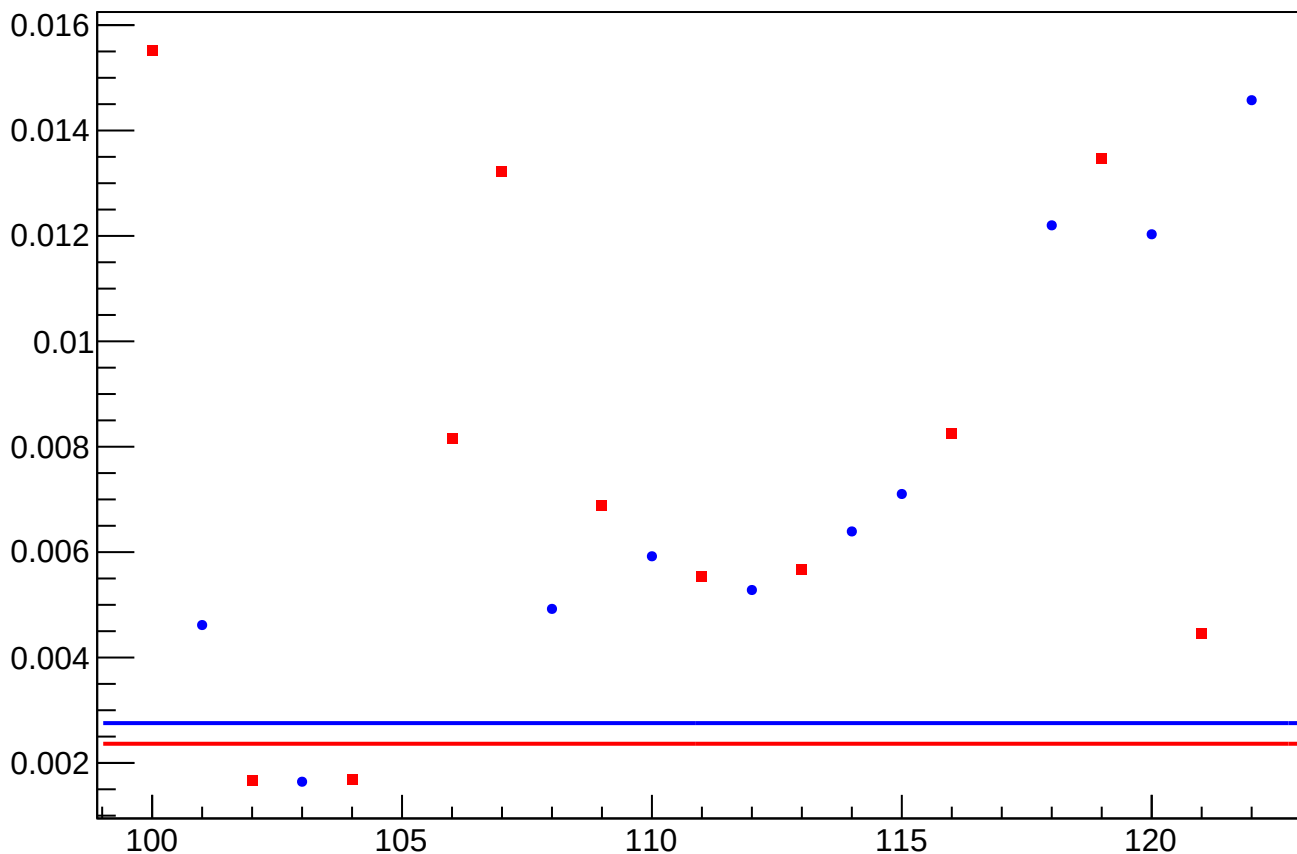
asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/9
 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 : 17.4/20
 In: -0.000+/-0.000 χ^2/NDF : 7.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 17.4/20

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 : 3043684.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3543540.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

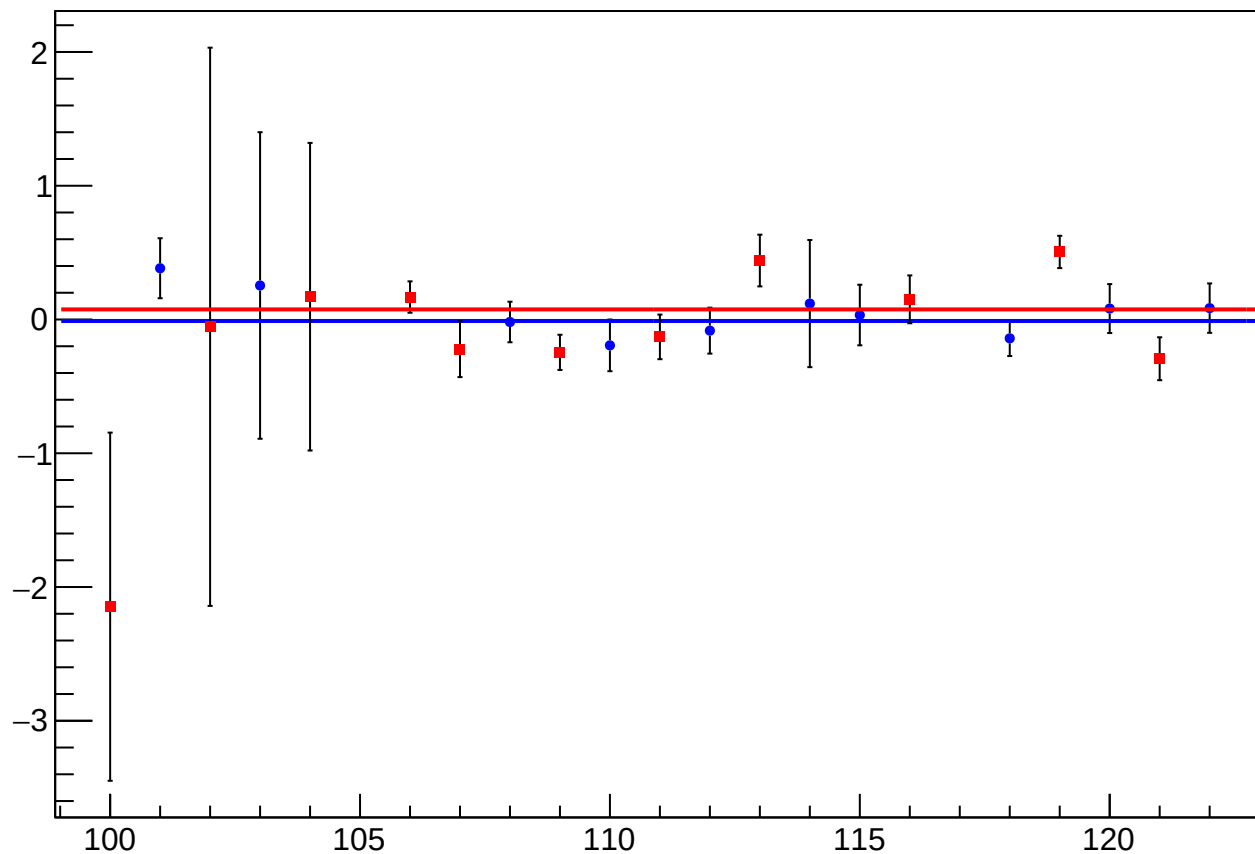
Right: 0.003+/-0.000 χ^2/NDF : 6644279.0/20

In: 0.003+/-0.000 χ^2/NDF :3043684.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6644279.0/20

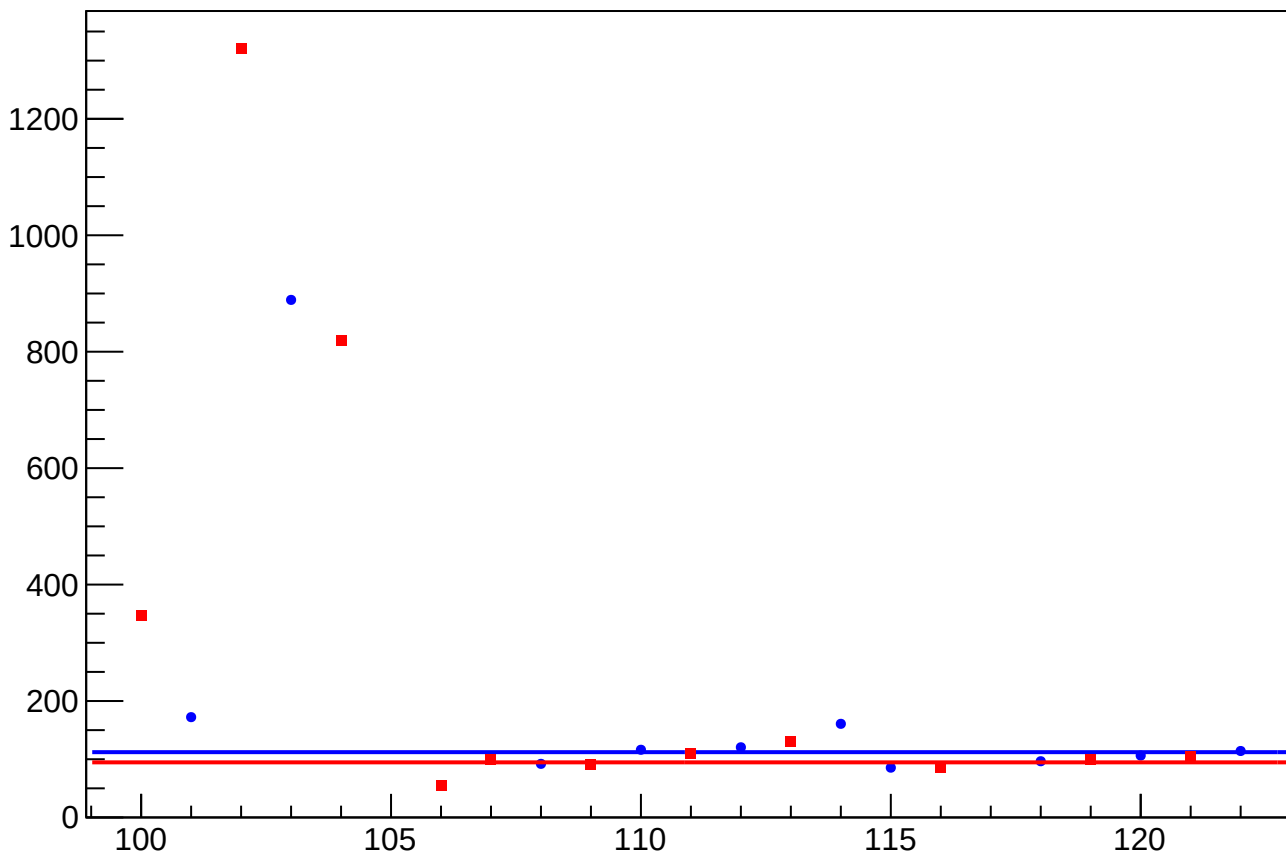
asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.061 $\chi^2/\text{NDF}: 5.8/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.075 ± 0.053 $\chi^2/\text{NDF}: 34.7/10$
 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: 0.039 ± 0.040 $\chi^2/\text{NDF}: 41.7/20$
 In: -0.011 ± 0.061 $\chi^2/\text{NDF}: 5.8/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.039 ± 0.040 $\chi^2/\text{NDF}: 41.7/20$

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.151+/-0.043 χ^2/NDF : 1182211.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.639+/-0.037 χ^2/NDF : 1891176.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

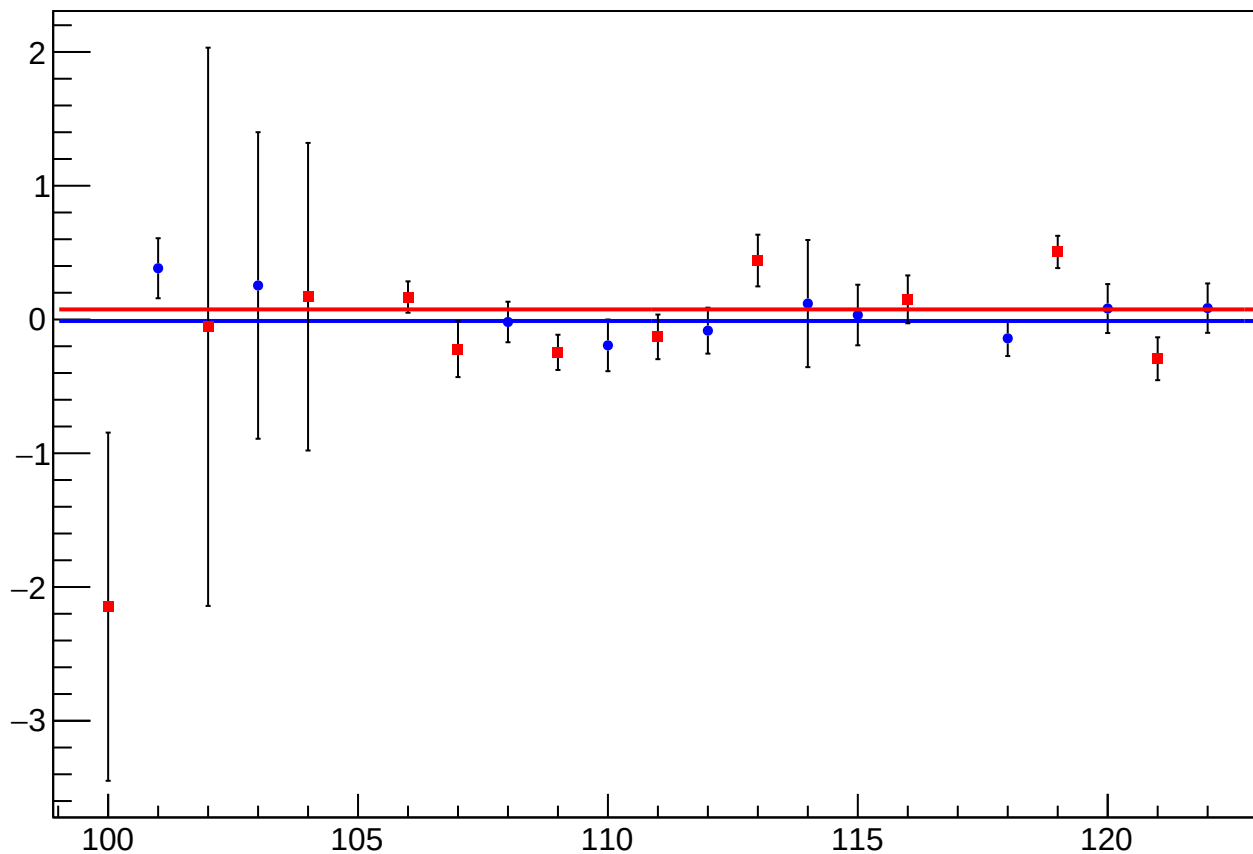
Right: 102.107+/-0.028 χ^2/NDF : 3166610.2/20

In: 112.151+/-0.043 χ^2/NDF : 1182211.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.107+/-0.028 χ^2/NDF : 3166610.2/20

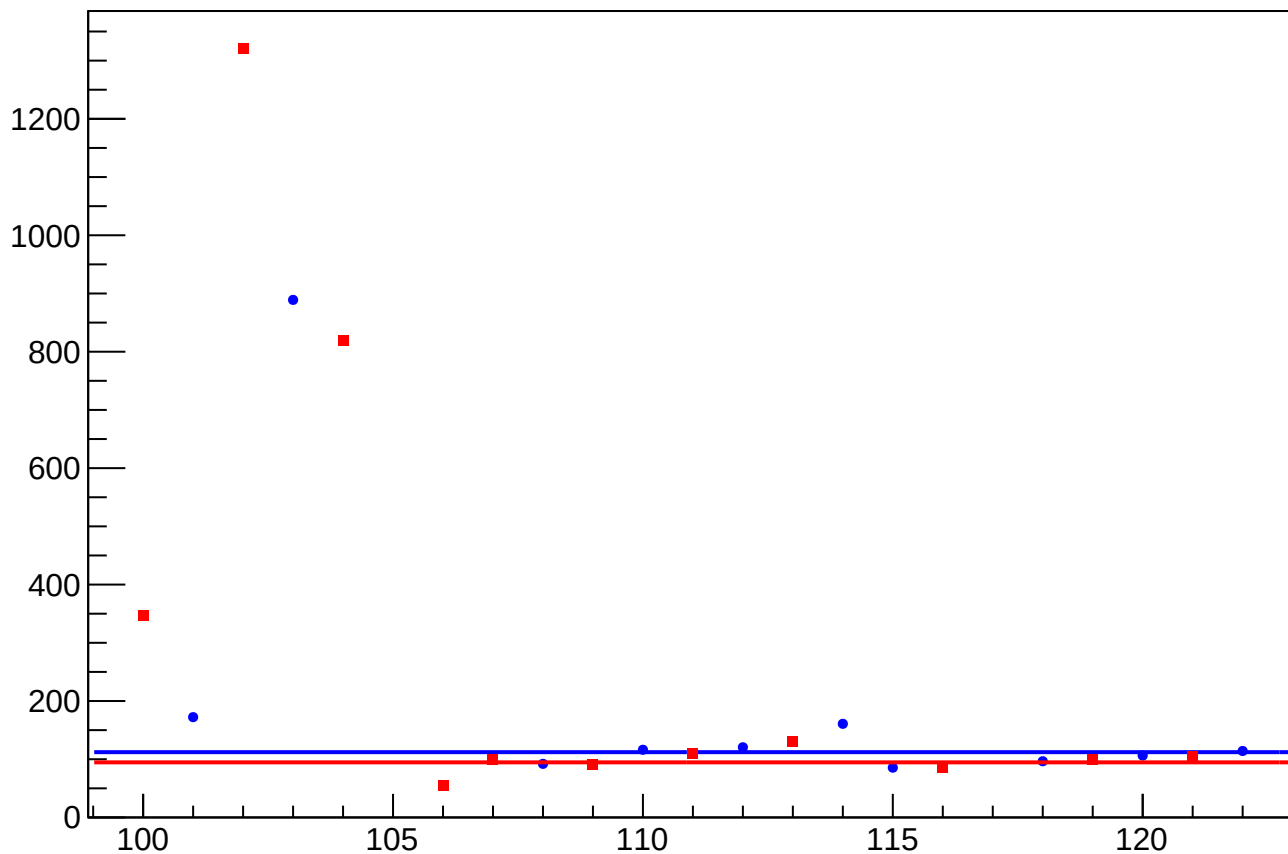
asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.061 χ^2 /NDF: 5.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.075 $\pm$ 0.053 χ^2 /NDF: 34.7/10
 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: 0.039 $\pm$ 0.040 χ^2 /NDF: 41.7/20
 In: -0.011 $\pm$ 0.061 χ^2 /NDF:5.8/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.039 $\pm$ 0.040 χ^2 /NDF: 41.7/20

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.151+/-0.043 χ^2/NDF : 1182211.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.639+/-0.037 χ^2/NDF : 1891176.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

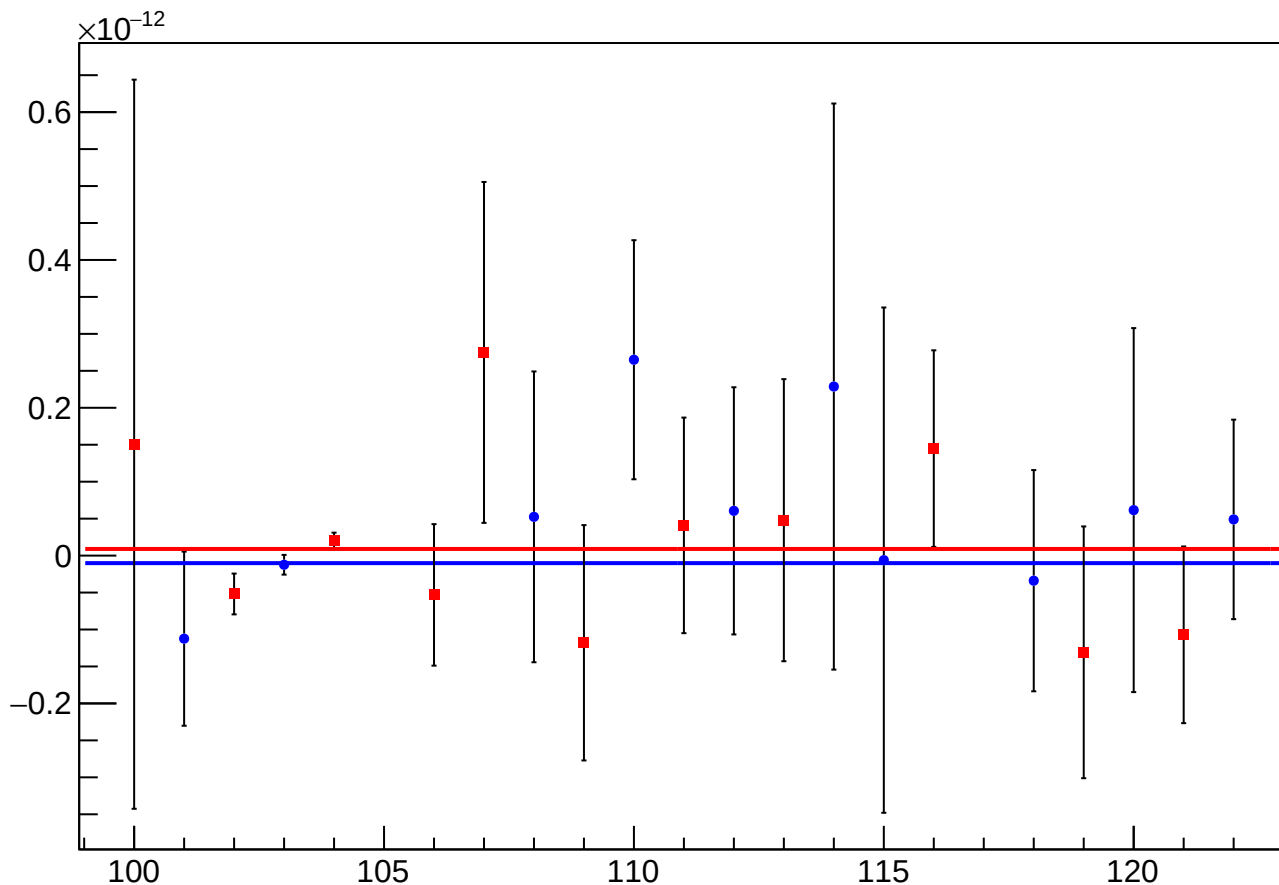
Right: 102.107+/-0.028 χ^2/NDF : 3166610.2/20

In: 112.151+/-0.043 χ^2/NDF : 1182211.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.107+/-0.028 χ^2/NDF : 3166610.2/20

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 : 4.6/9

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

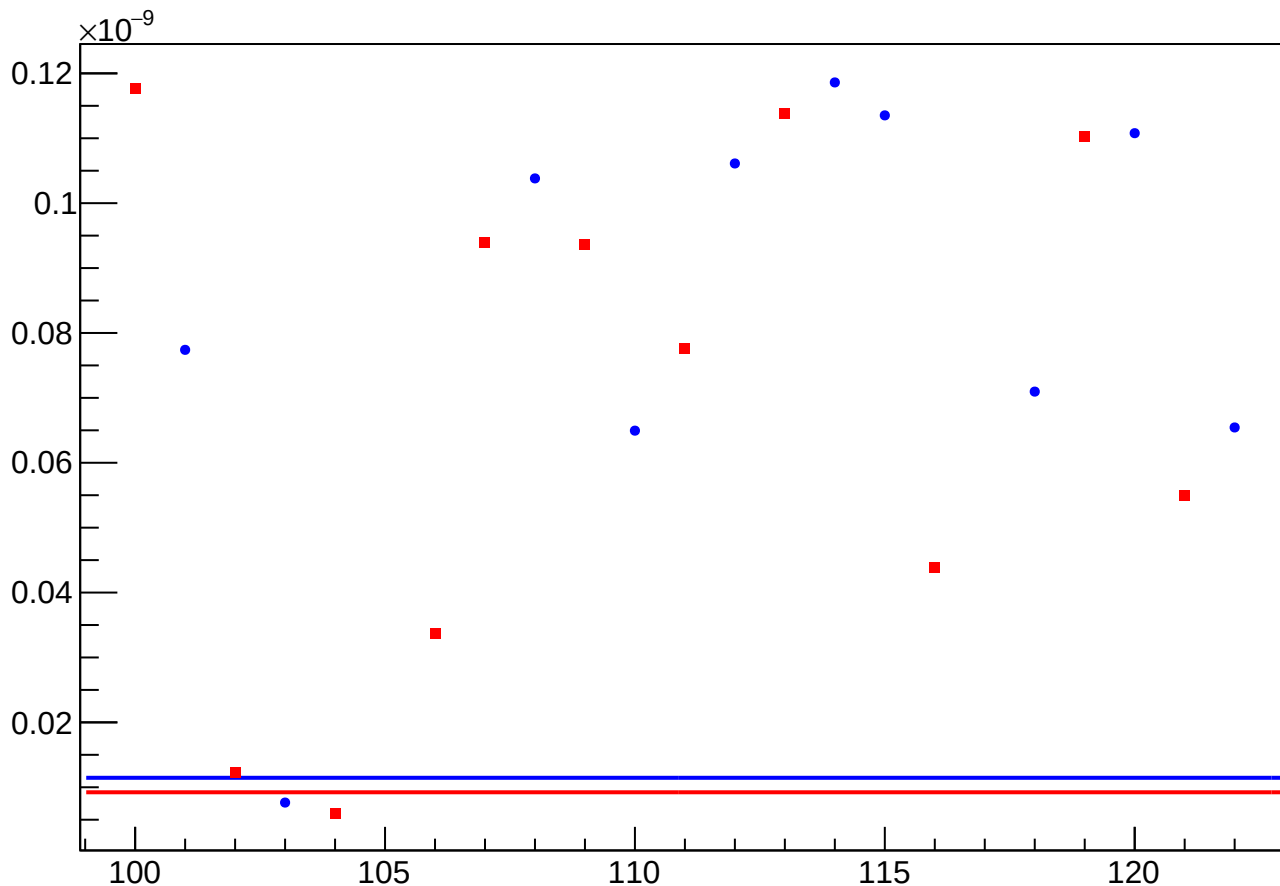
Right: 0.000+/-0.000 χ^2/NDF : 17.1/20

In: -0.000+/-0.000 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/20

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 : 3386646.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3435533.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

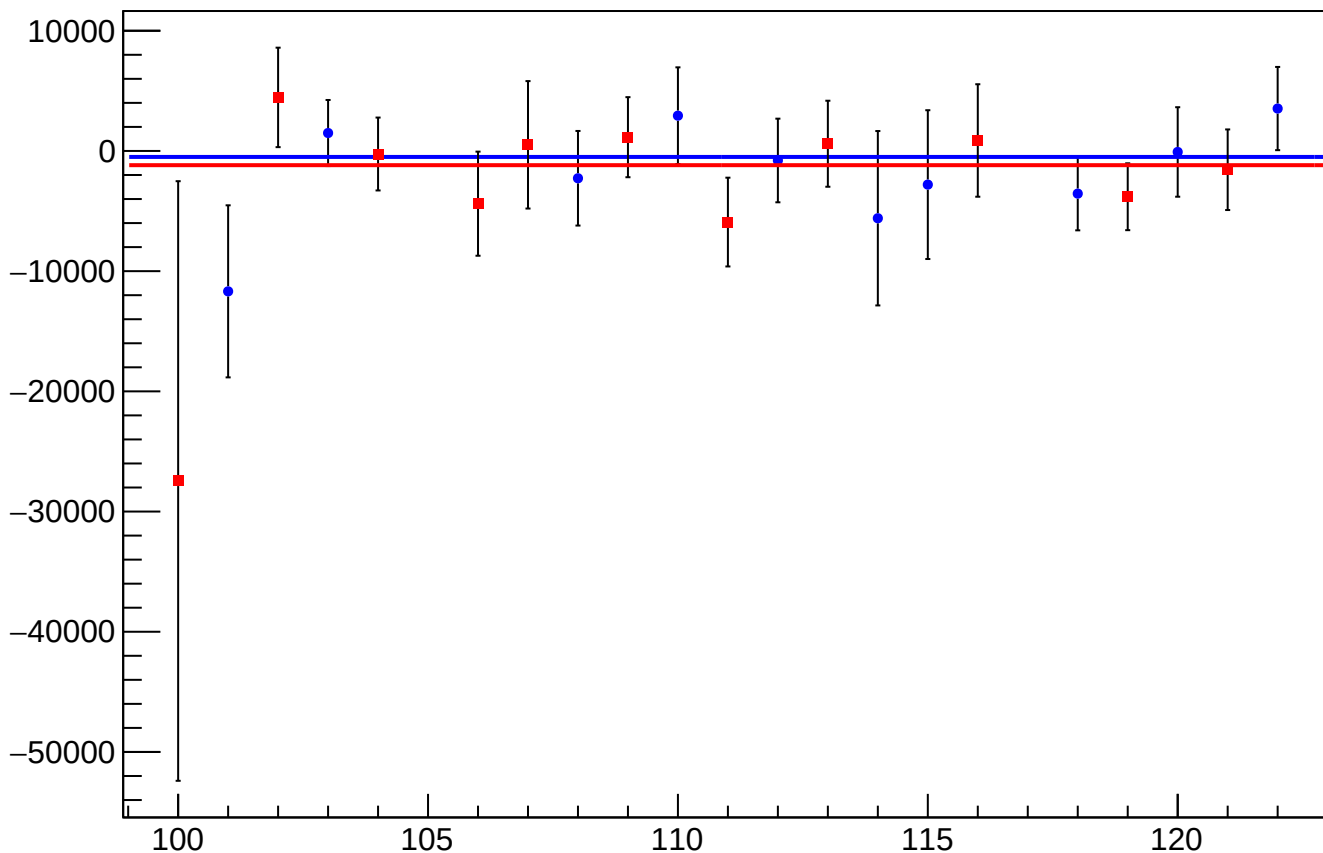
Right: 0.000+/-0.000 χ^2/NDF : 6859001.6/20

In: 0.000+/-0.000 χ^2/NDF : 3386646.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6859001.6/20

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -497.457+/-1222.797 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1183.106+/-1144.670 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

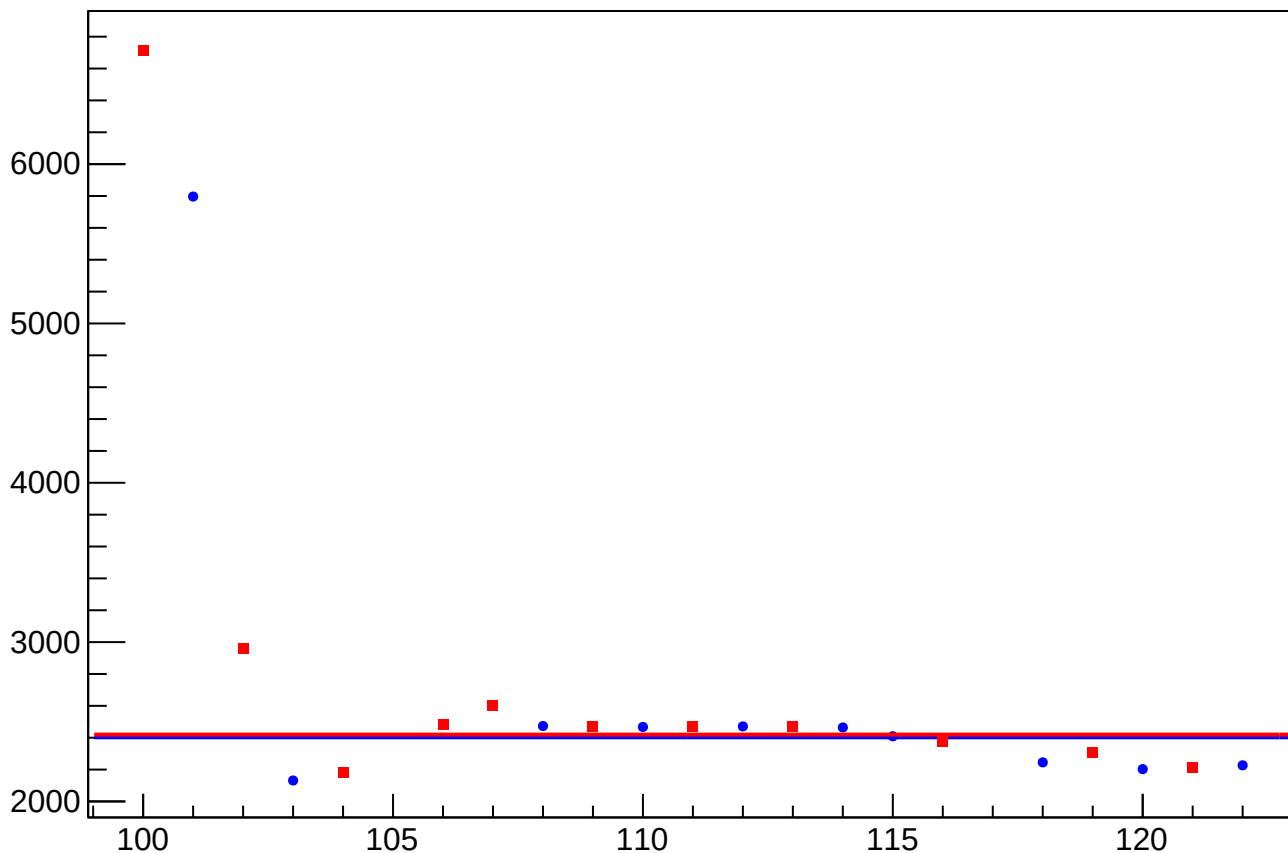
Right: -862.884+/-835.660 χ^2/NDF : 14.3/20

In: -497.457+/-1222.797 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -862.884+/-835.660 χ^2/NDF : 14.3/20

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2402.533+/-0.865 χ^2/NDF : 487440.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2419.390+/-0.809 χ^2/NDF : 120510.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

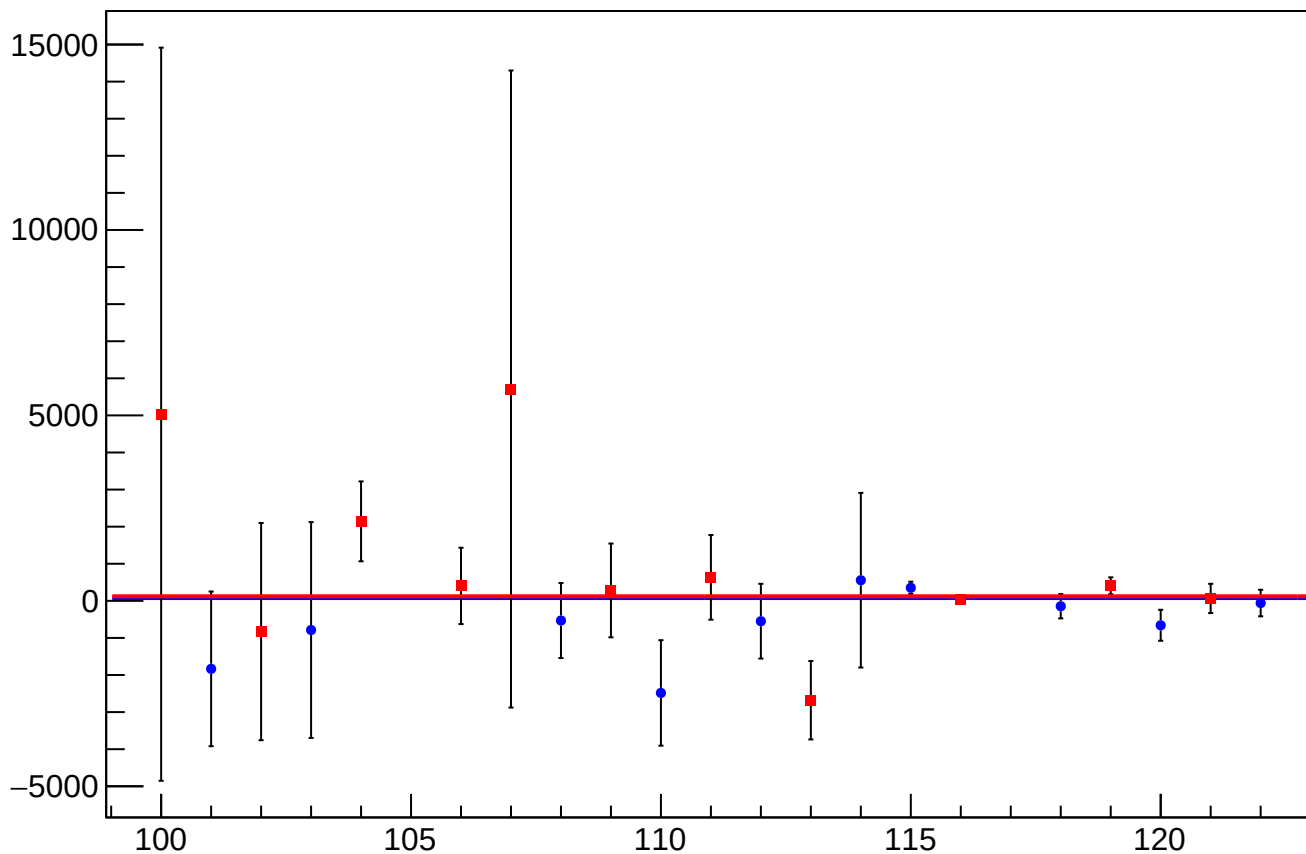
Right: 2411.517+/-0.591 χ^2/NDF : 608153.4/20

In: 2402.533+/-0.865 χ^2/NDF : 487440.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2411.517+/-0.591 χ^2/NDF : 608153.4/20

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 75.396+/-126.218 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.511+/-103.547 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

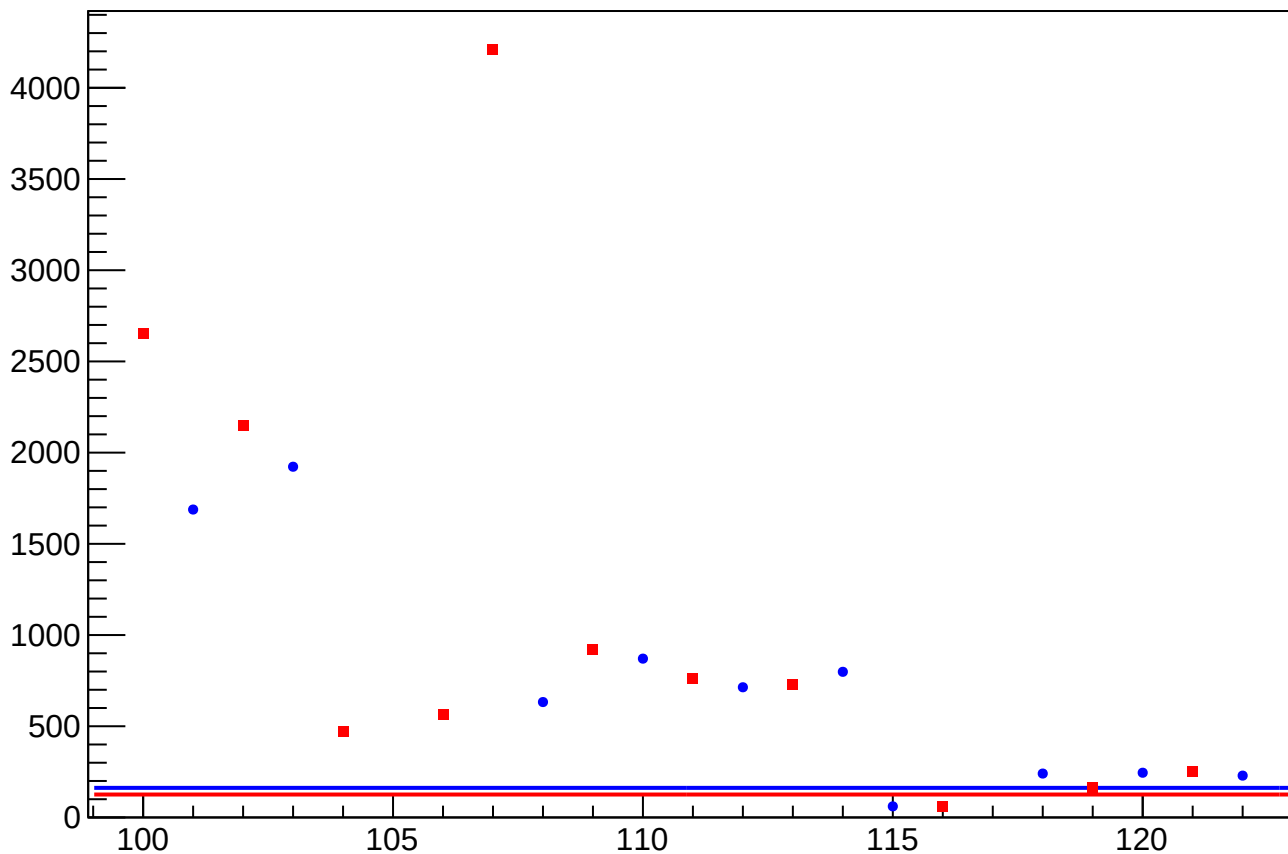
Right: 103.558+/-80.055 χ^2/NDF : 25.1/20

In: 75.396+/-126.218 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.558+/-80.055 χ^2/NDF : 25.1/20

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 162.231+/-0.089 χ^2/NDF : 4500560.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.730+/-0.073 χ^2/NDF : 4942292.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

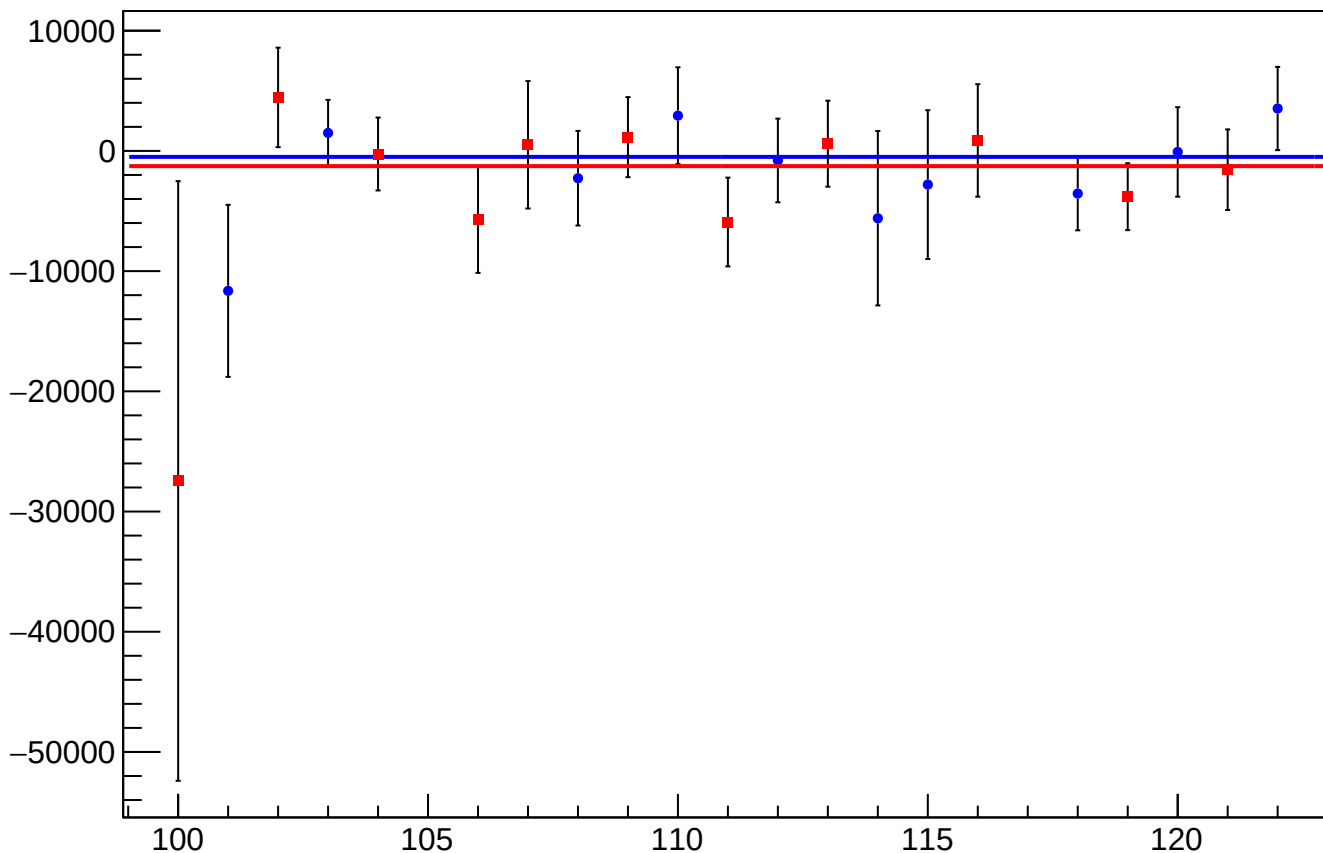
Right: 140.413+/-0.057 χ^2/NDF : 9542829.1/20

In: 162.231+/-0.089 χ^2/NDF :4500560.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 140.413+/-0.057 χ^2/NDF : 9542829.1/20

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -495.687+/-1222.798 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1264.577+/-1146.325 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

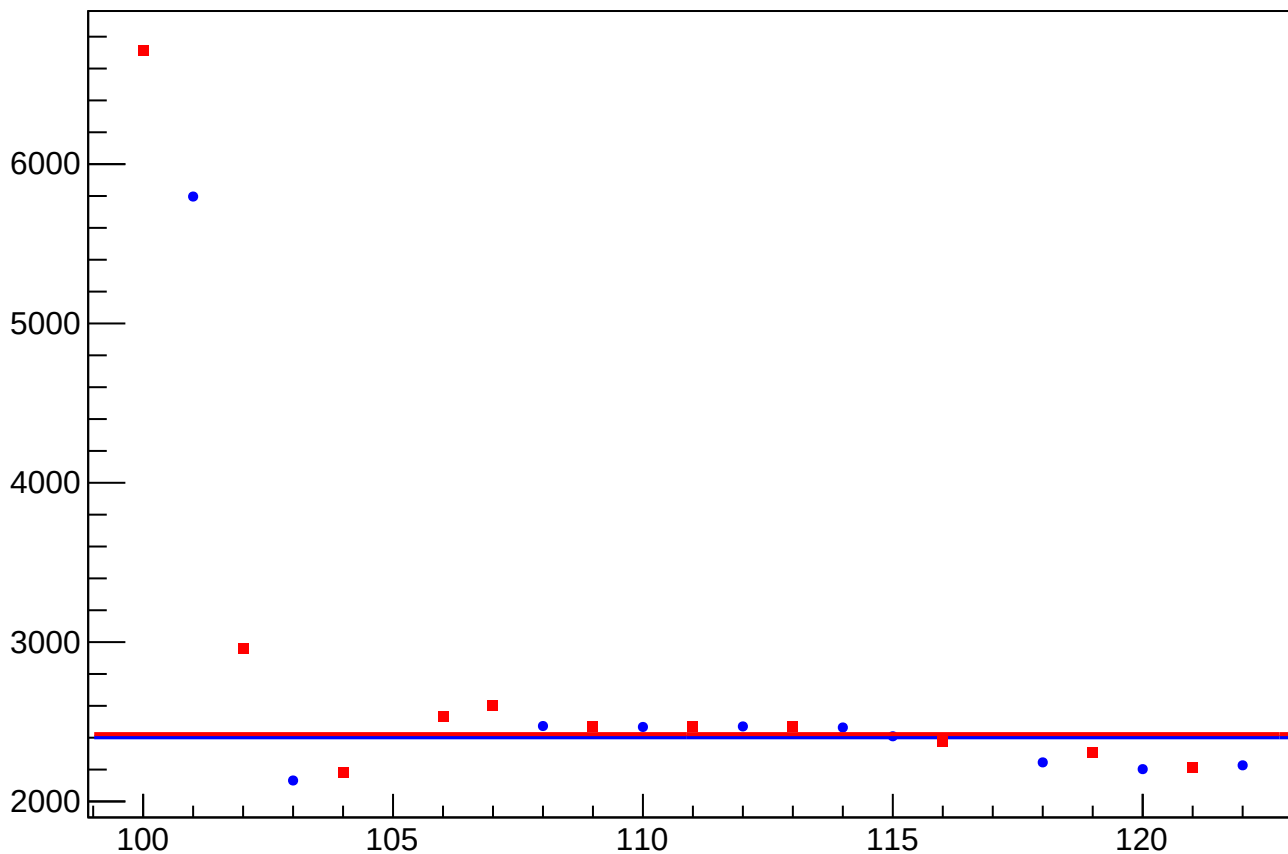
Right: -904.925+/-836.303 χ^2/NDF : 14.8/20

In: -495.687+/-1222.798 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -904.925+/-836.303 χ^2/NDF : 14.8/20

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2402.533+/-0.865 χ^2/NDF : 487440.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2422.595+/-0.811 χ^2/NDF : 121396.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

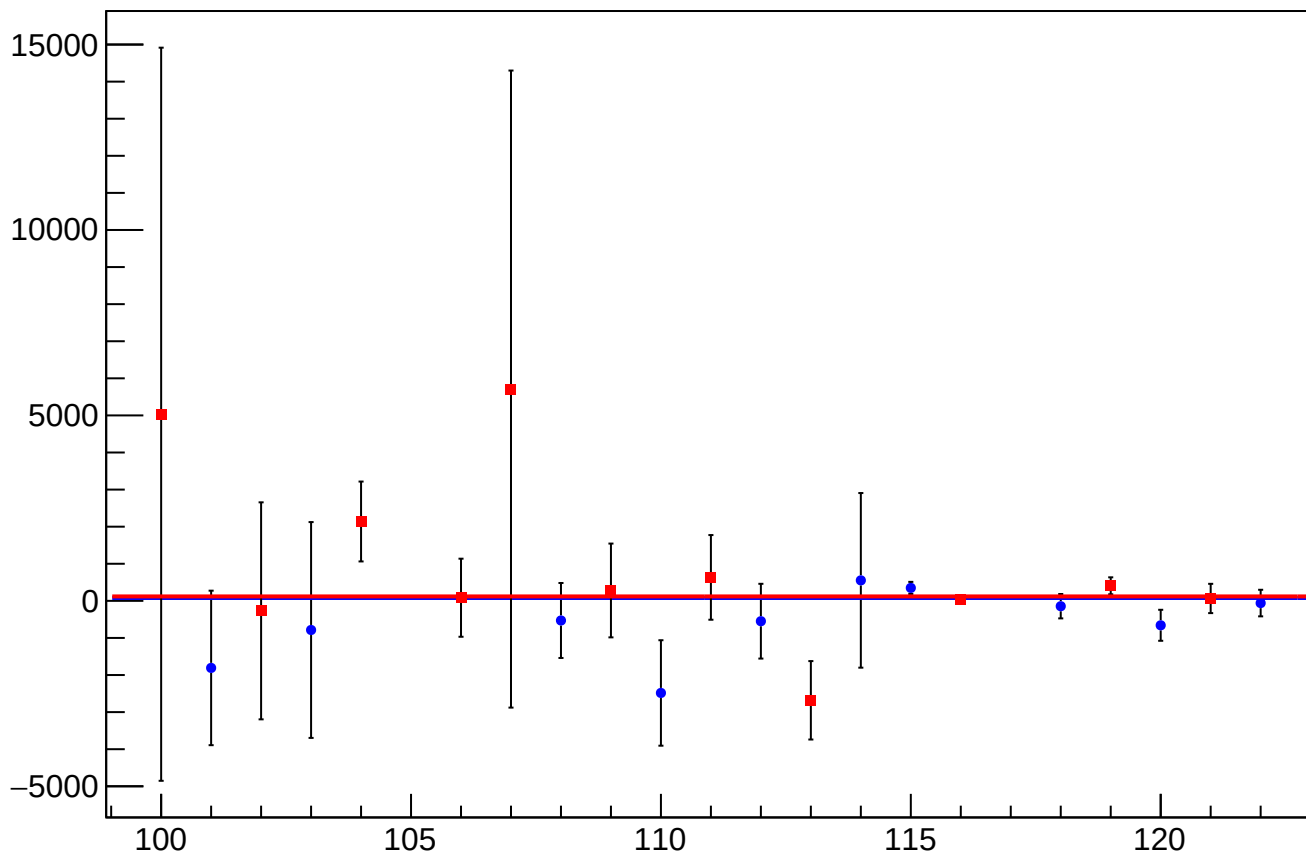
Right: 2413.211+/-0.591 χ^2/NDF : 609123.3/20

In: 2402.533+/-0.865 χ^2/NDF :487440.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2413.211+/-0.591 χ^2/NDF : 609123.3/20

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 77.695+/-125.363 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.243+/-103.422 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

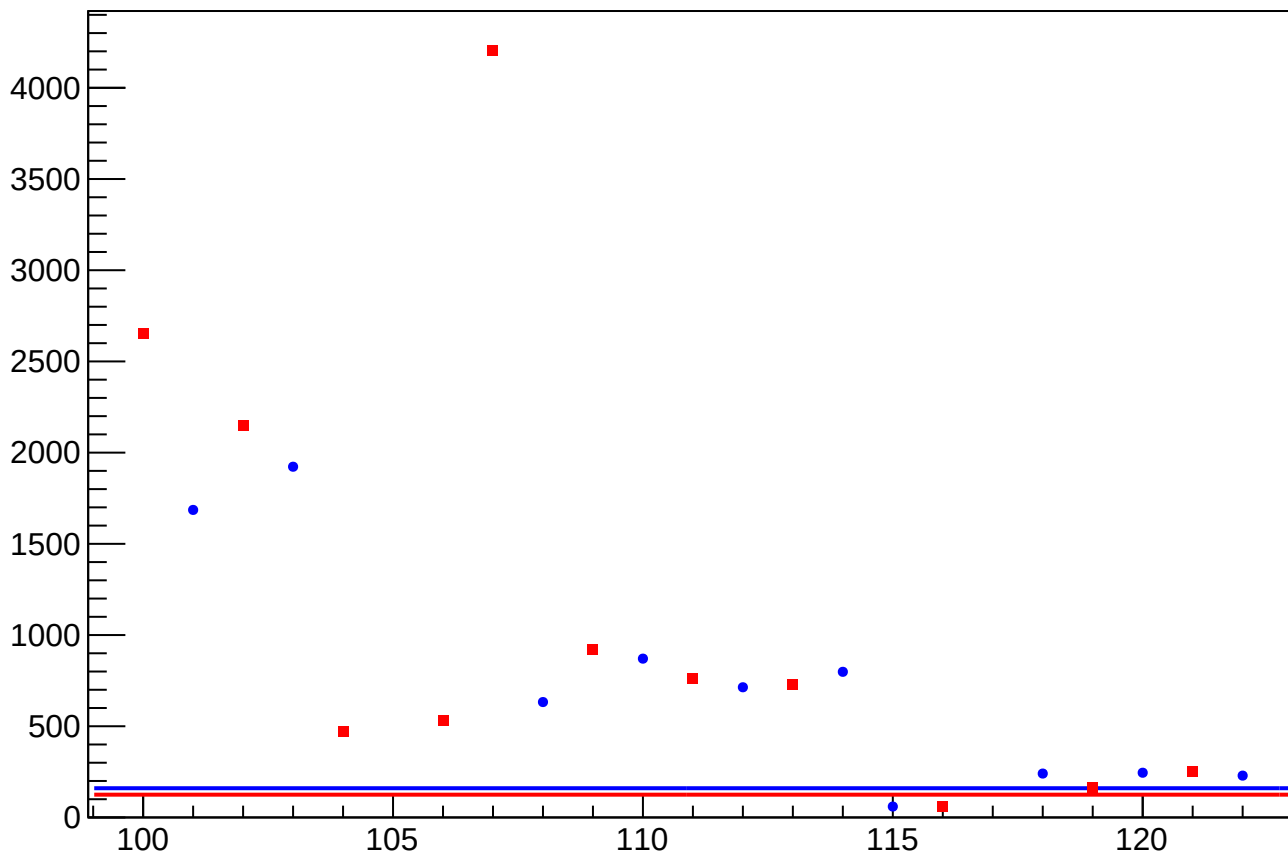
Right: 102.417+/-79.778 χ^2/NDF : 24.9/20

In: 77.695+/-125.363 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.417+/-79.778 χ^2/NDF : 24.9/20

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 160.252 $\pm$ 0.089 χ^2 /NDF: 4533464.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.909 $\pm$ 0.073 χ^2 /NDF: 4886991.4/10

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

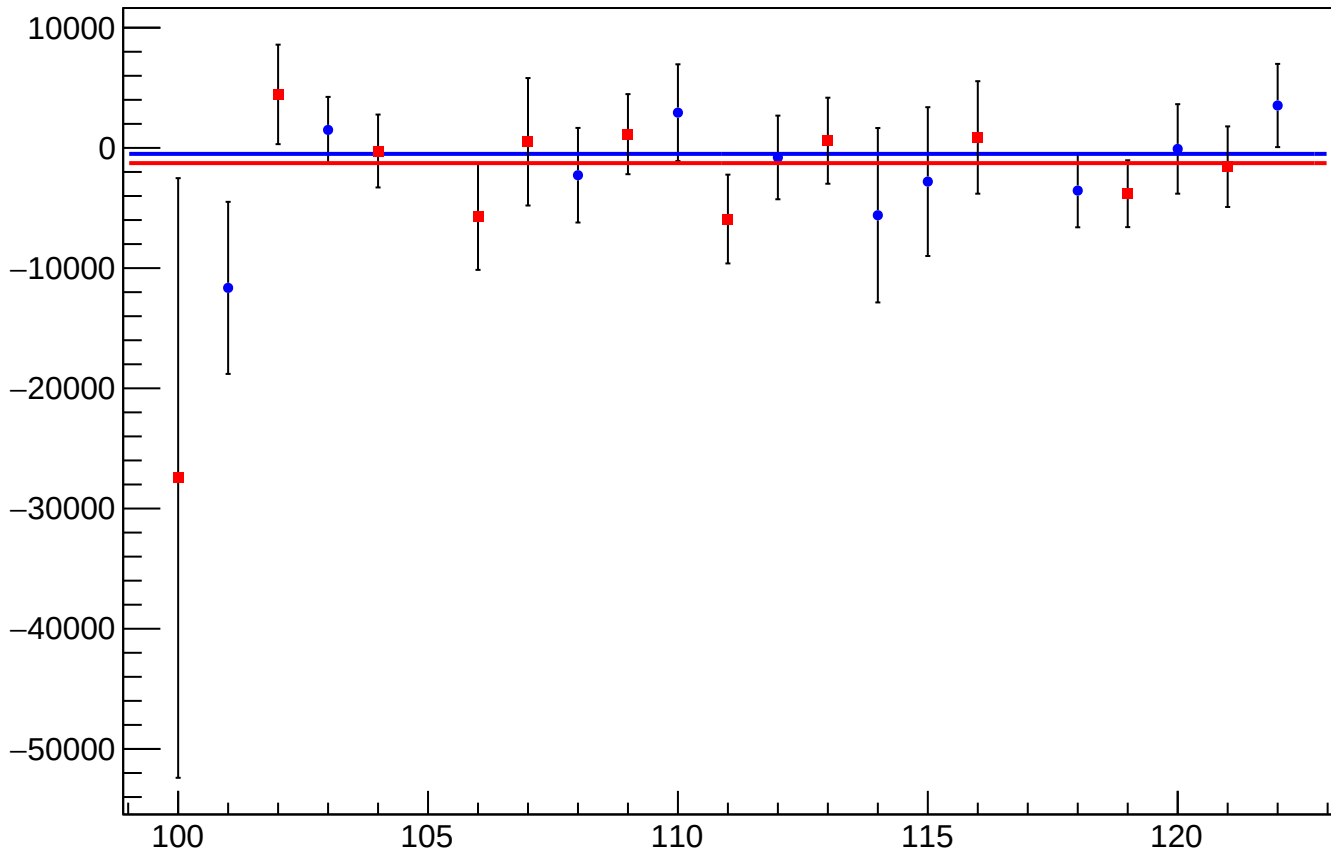
Right: 139.222 $\pm$ 0.056 χ^2 /NDF: 9515042.9/20

In: 160.252 $\pm$ 0.089 χ^2 /NDF:4533464.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.222 $\pm$ 0.056 χ^2 /NDF: 9515042.9/20

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -495.687+/-1222.798 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1264.577+/-1146.325 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

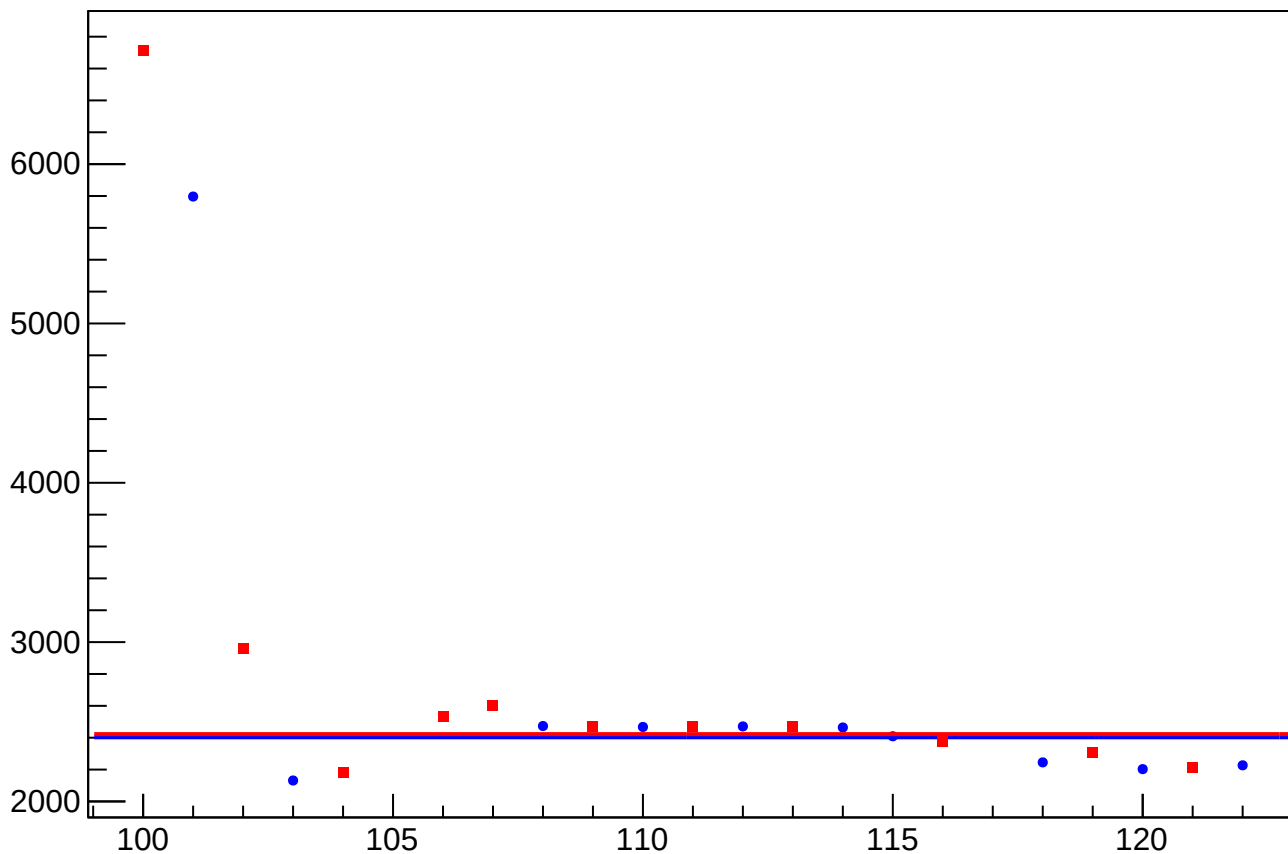
Right: -904.925+/-836.303 χ^2/NDF : 14.8/20

In: -495.687+/-1222.798 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -904.925+/-836.303 χ^2/NDF : 14.8/20

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2402.533+/-0.865 χ^2/NDF : 487440.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2422.595+/-0.811 χ^2/NDF : 121396.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

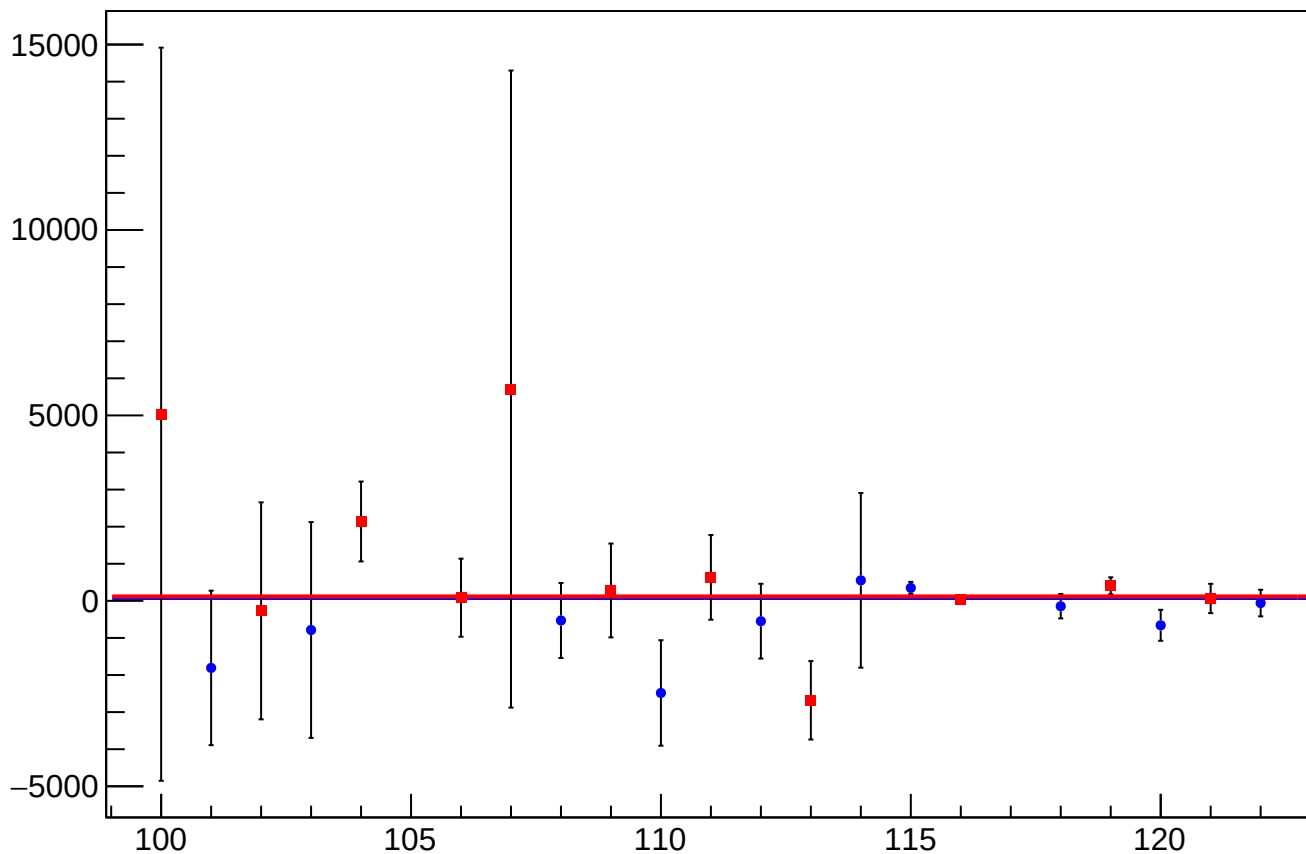
Right: 2413.211+/-0.591 χ^2/NDF : 609123.3/20

In: 2402.533+/-0.865 χ^2/NDF : 487440.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2413.211+/-0.591 χ^2/NDF : 609123.3/20

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 77.695+/-125.363 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.243+/-103.422 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

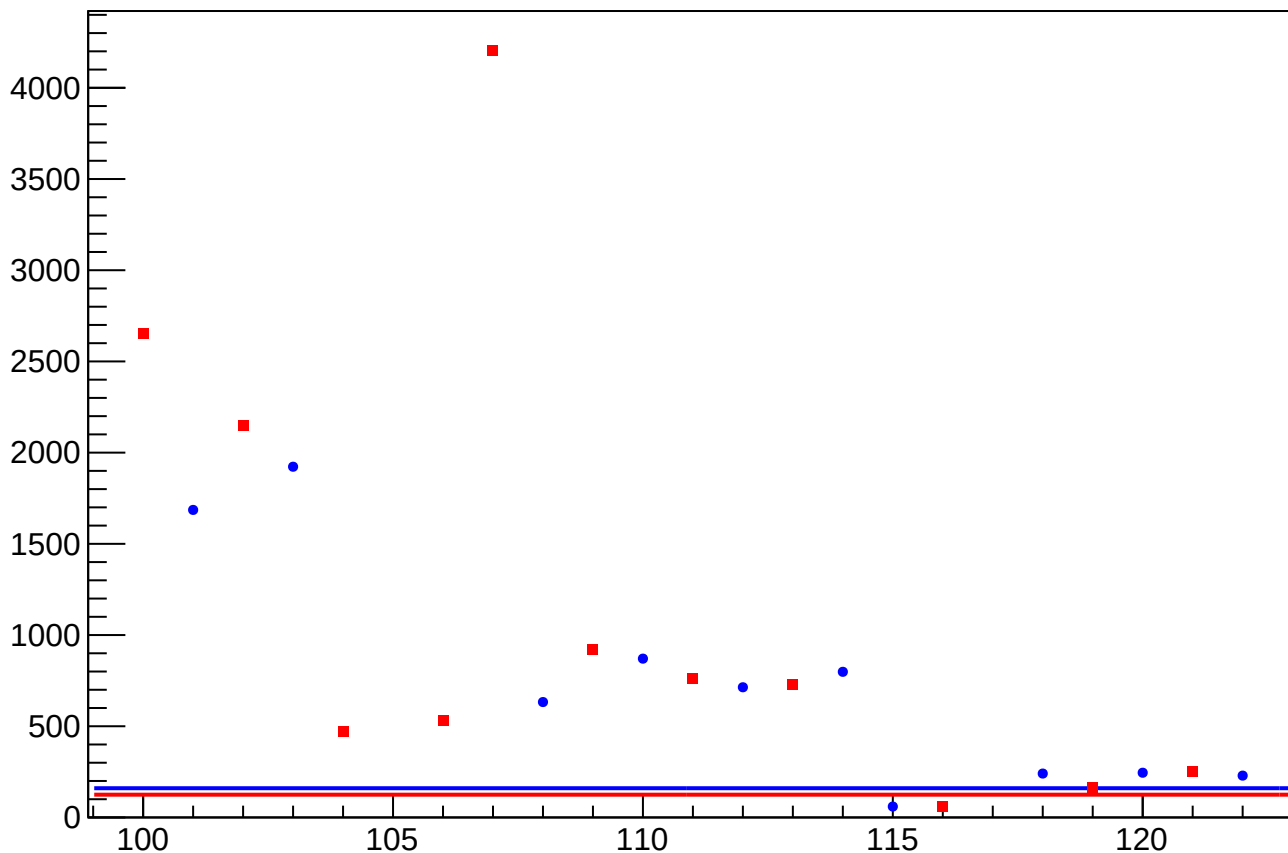
Right: 102.417+/-79.778 χ^2/NDF : 24.9/20

In: 77.695+/-125.363 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.417+/-79.778 χ^2/NDF : 24.9/20

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 160.252+/-0.089 χ^2/NDF : 4533464.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.909+/-0.073 χ^2/NDF : 4886991.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

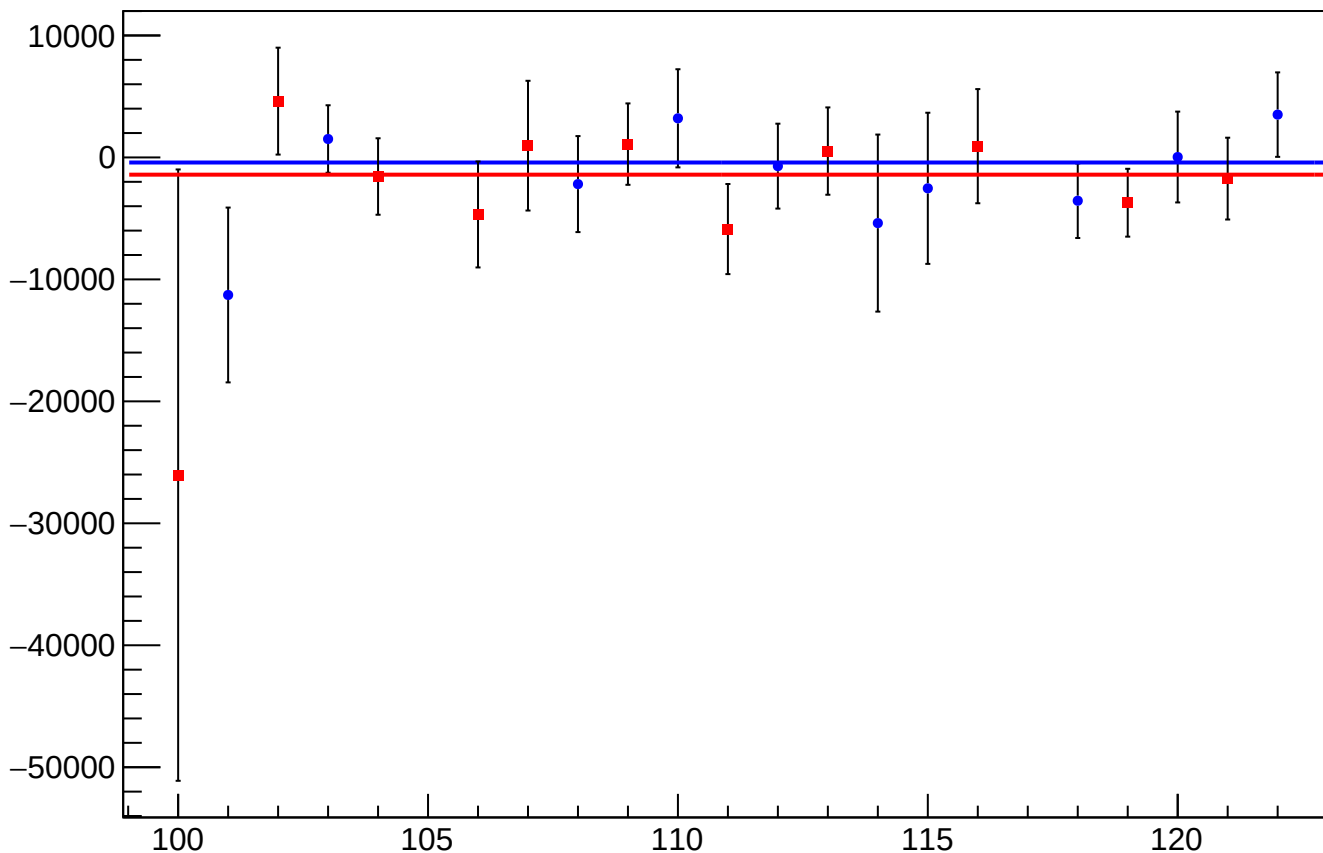
Right: 139.222+/-0.056 χ^2/NDF : 9515042.9/20

In: 160.252+/-0.089 χ^2/NDF : 4533464.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.222+/-0.056 χ^2/NDF : 9515042.9/20

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -416.032+/-1224.826 χ^2/NDF : 6.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1412.944+/-1155.761 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

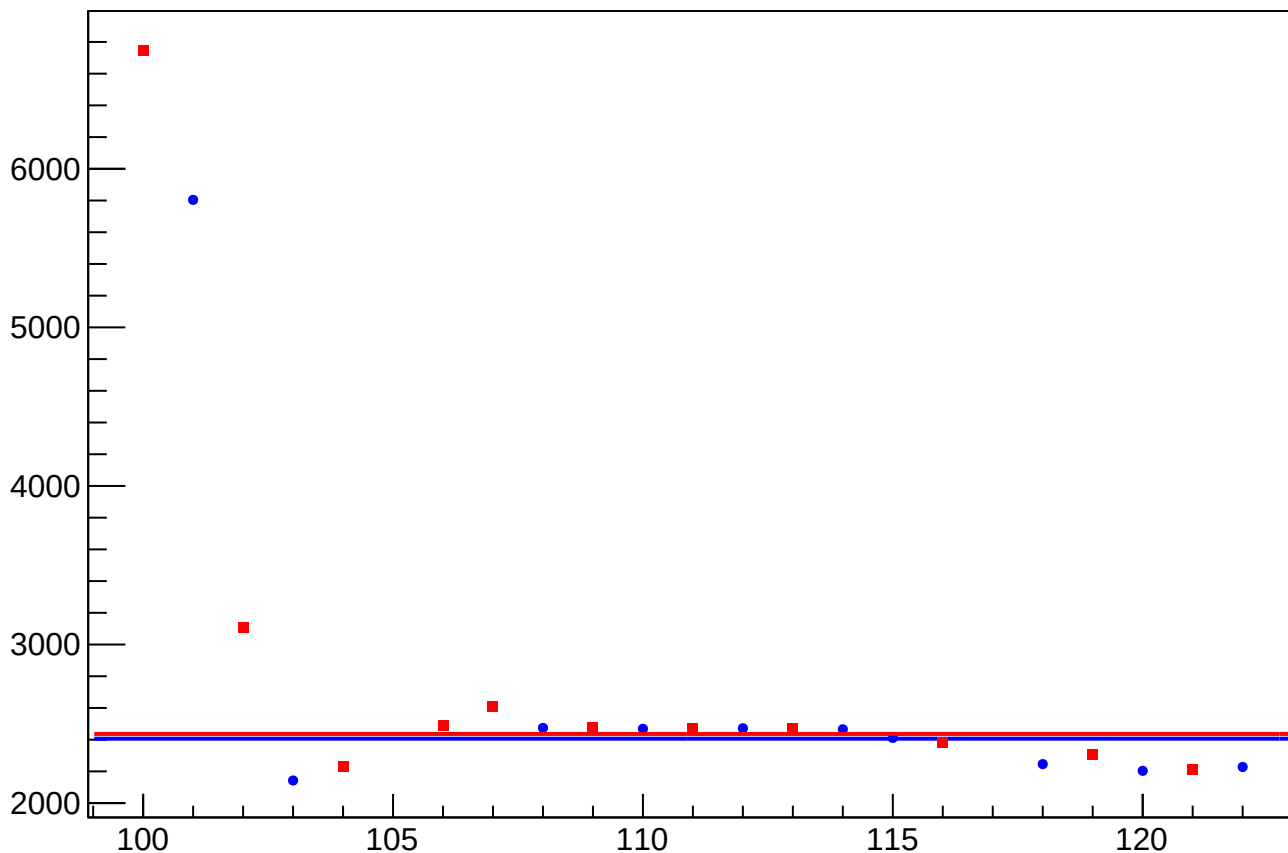
Right: -943.386+/-840.603 χ^2/NDF : 14.0/20

In: -416.032+/-1224.826 χ^2/NDF : 6.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.386+/-840.603 χ^2/NDF : 14.0/20

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2406.127+/-0.866 χ^2/NDF : 486380.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2436.135+/-0.817 χ^2/NDF : 131509.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

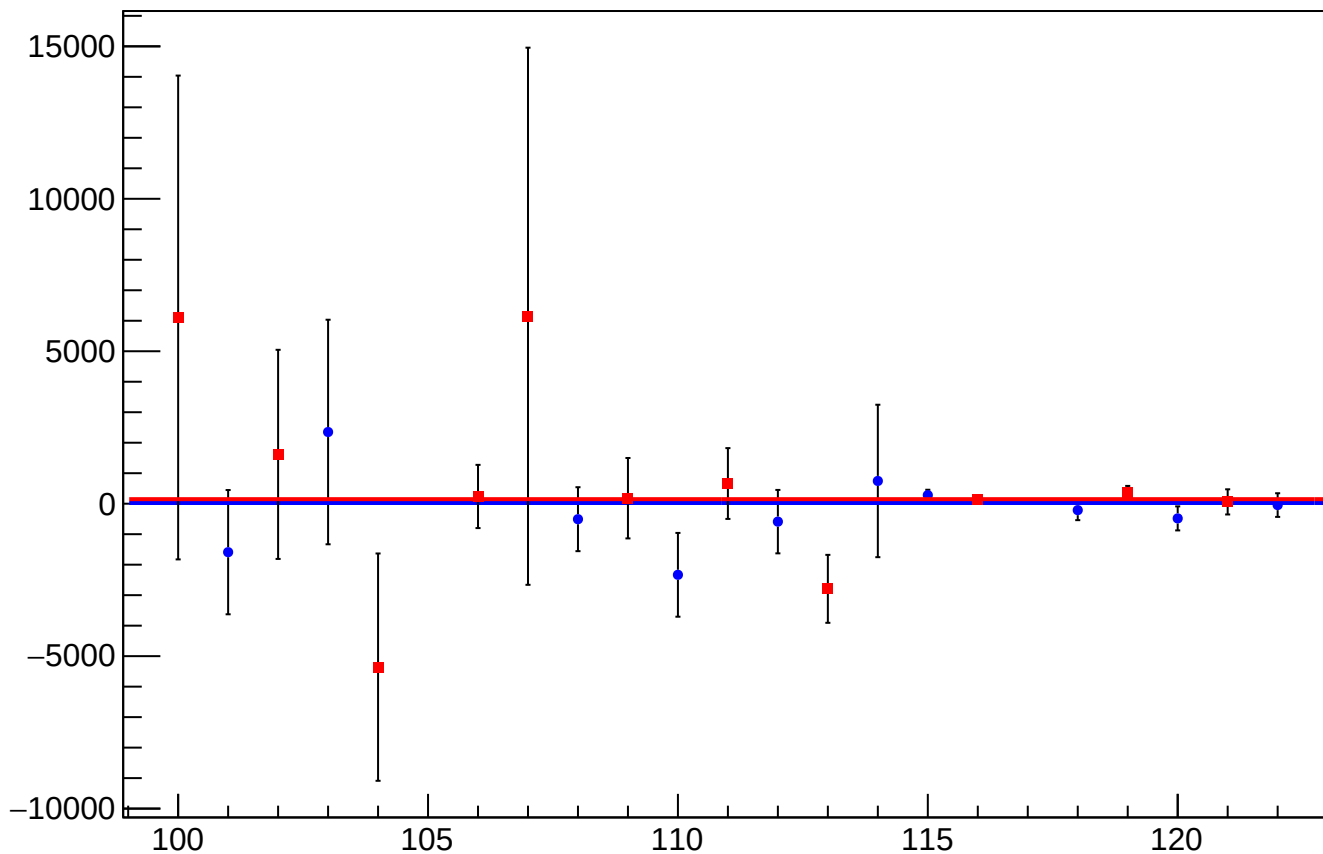
Right: 2422.001+/-0.594 χ^2/NDF : 618524.1/20

In: 2406.127+/-0.866 χ^2/NDF : 486380.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2422.001+/-0.594 χ^2/NDF : 618524.1/20

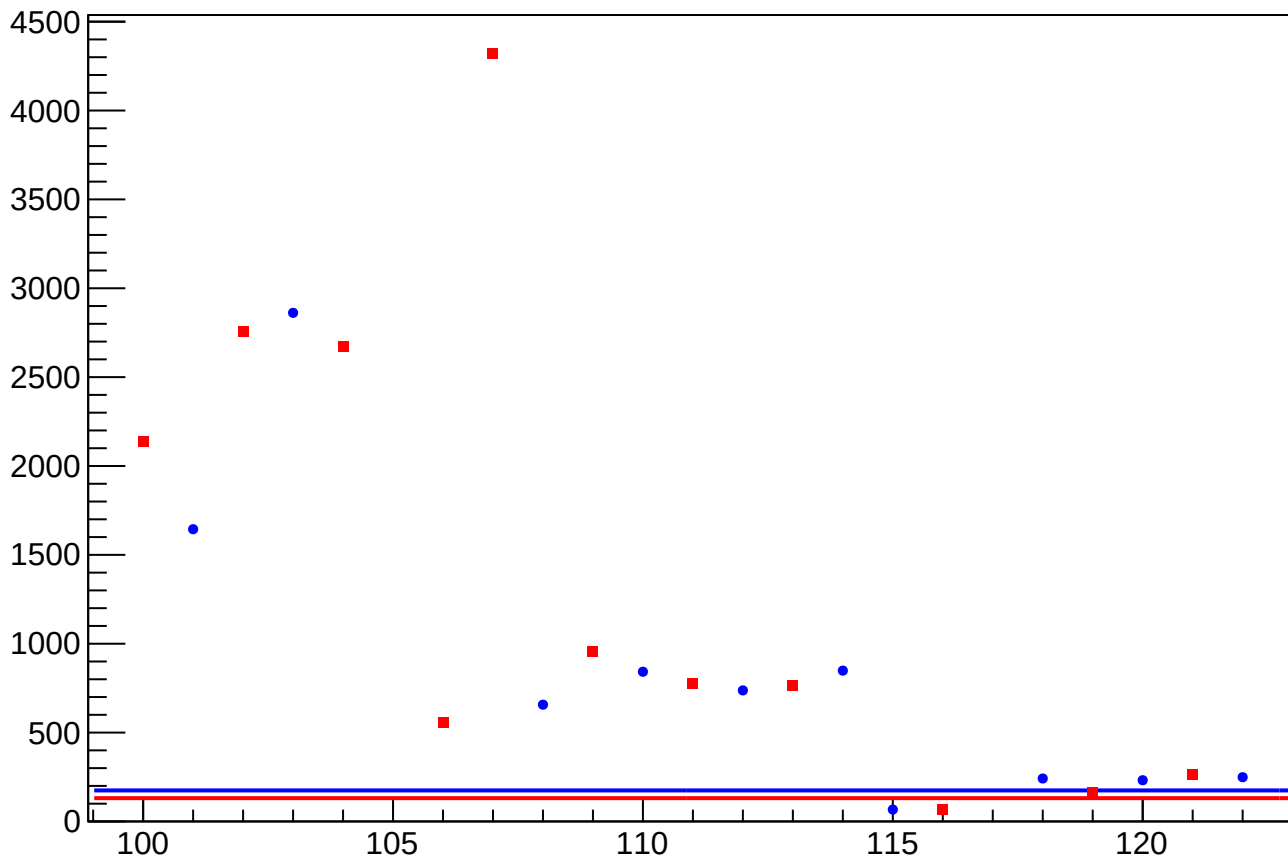
asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 23.188+/-132.203 χ^2/NDF : 9.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 148.909+/-107.510 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: 98.864+/-83.410 χ^2/NDF : 21.0/20
 In: 23.188+/-132.203 χ^2/NDF : 9.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 98.864+/-83.410 χ^2/NDF : 21.0/20

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 174.605+/-0.093 χ^2/NDF : 4675901.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.137+/-0.076 χ^2/NDF : 5813974.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

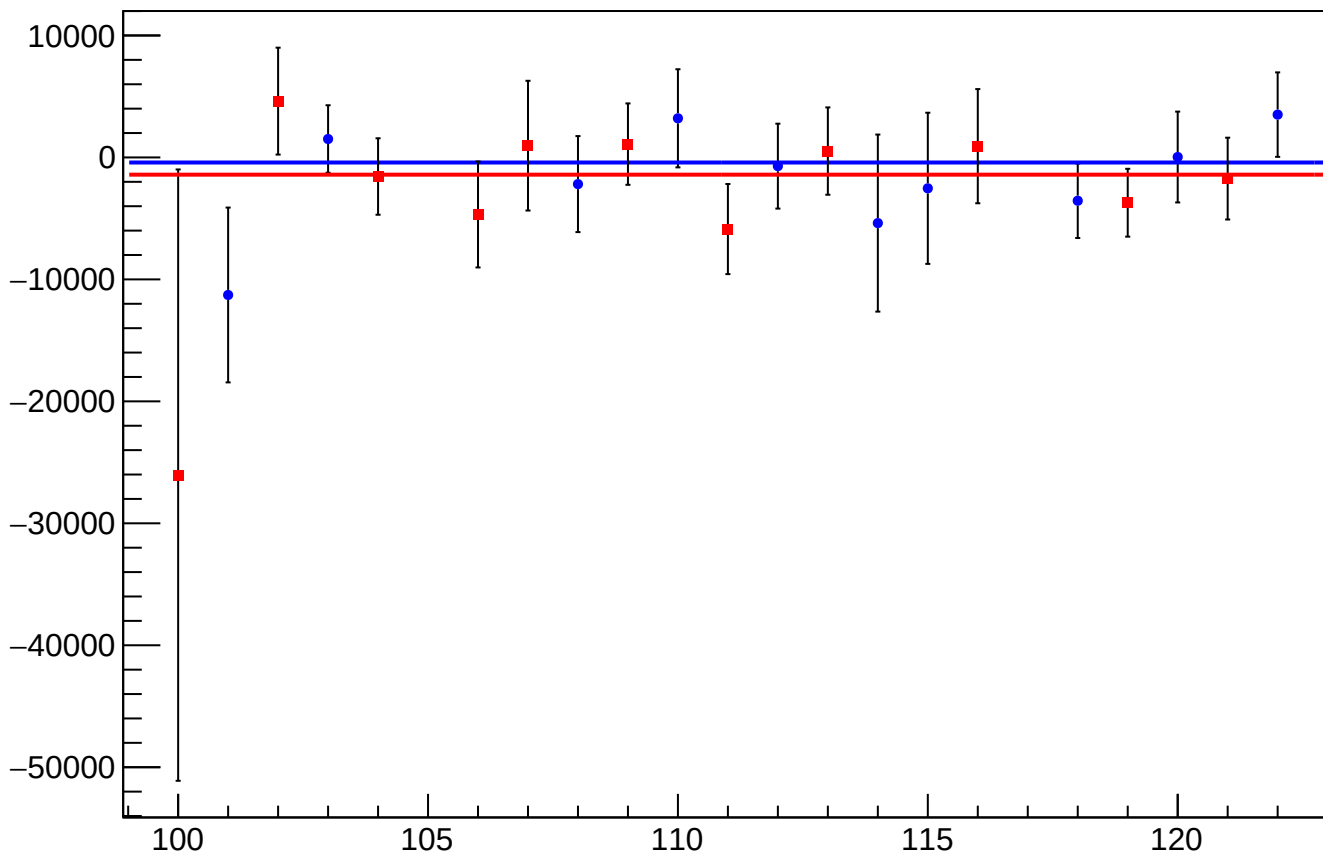
Right: 148.440+/-0.059 χ^2/NDF : 10620024.0/20

In: 174.605+/-0.093 χ^2/NDF : 4675901.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.440+/-0.059 χ^2/NDF : 10620024.0/20

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -416.033+/-1224.826 χ^2/NDF : 6.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1412.948+/-1155.761 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

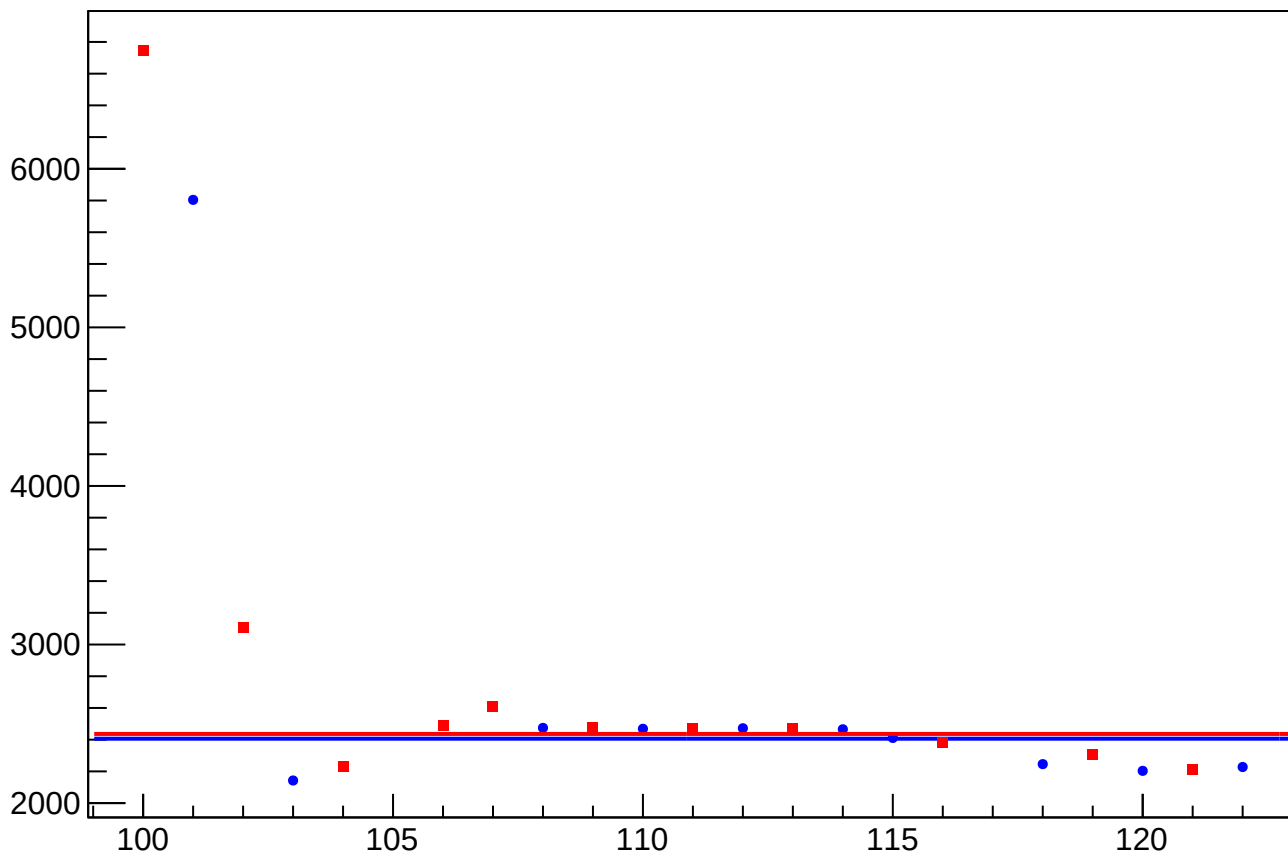
Right: -943.388+/-840.603 χ^2/NDF : 14.0/20

In: -416.033+/-1224.826 χ^2/NDF :6.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -943.388+/-840.603 χ^2/NDF : 14.0/20

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2406.126+/-0.866 χ^2/NDF : 486380.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2436.135+/-0.817 χ^2/NDF : 131508.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

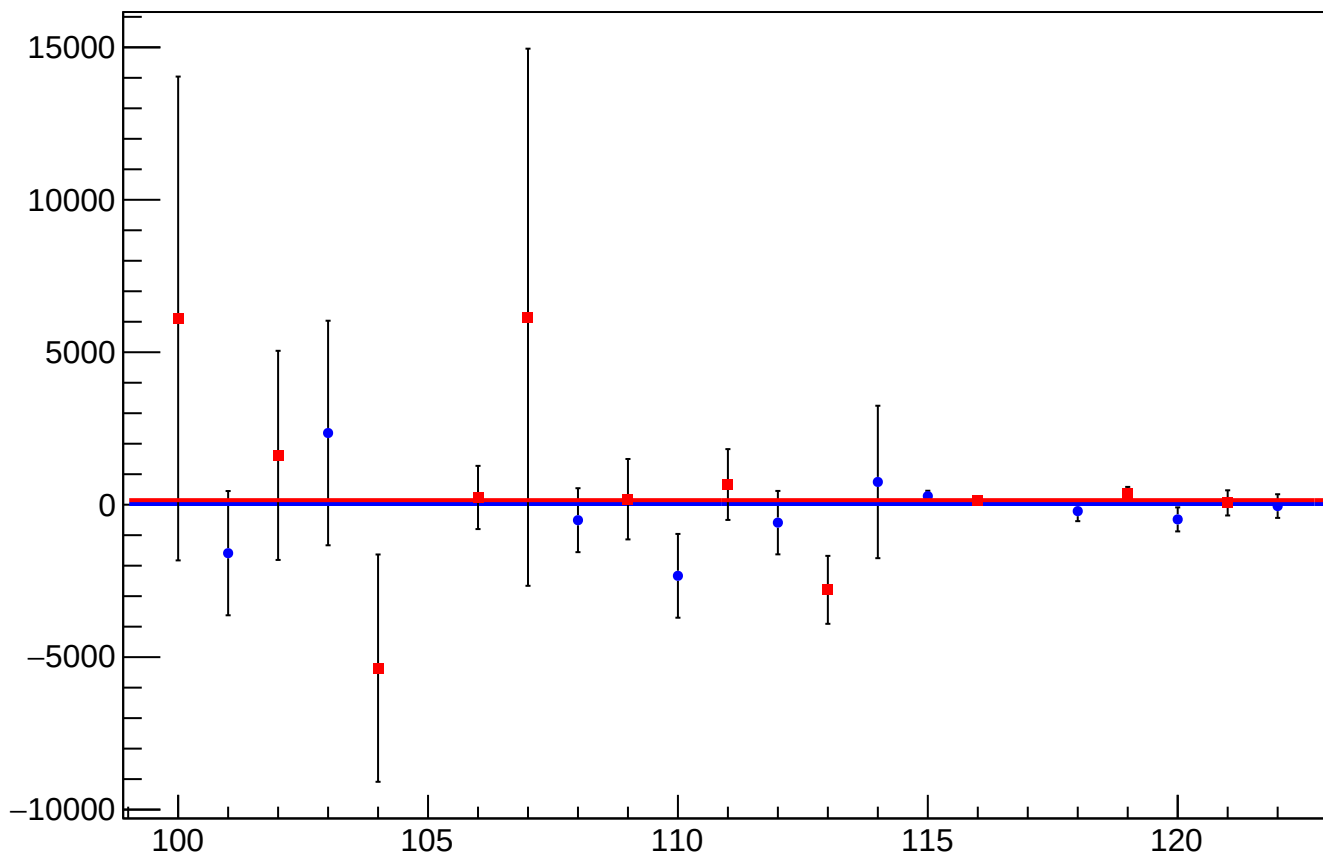
Right: 2422.001+/-0.594 χ^2/NDF : 618524.1/20

In: 2406.126+/-0.866 χ^2/NDF : 486380.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2422.001+/-0.594 χ^2/NDF : 618524.1/20

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 23.189+/-132.201 χ^2 /NDF: 9.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 148.908+/-107.508 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

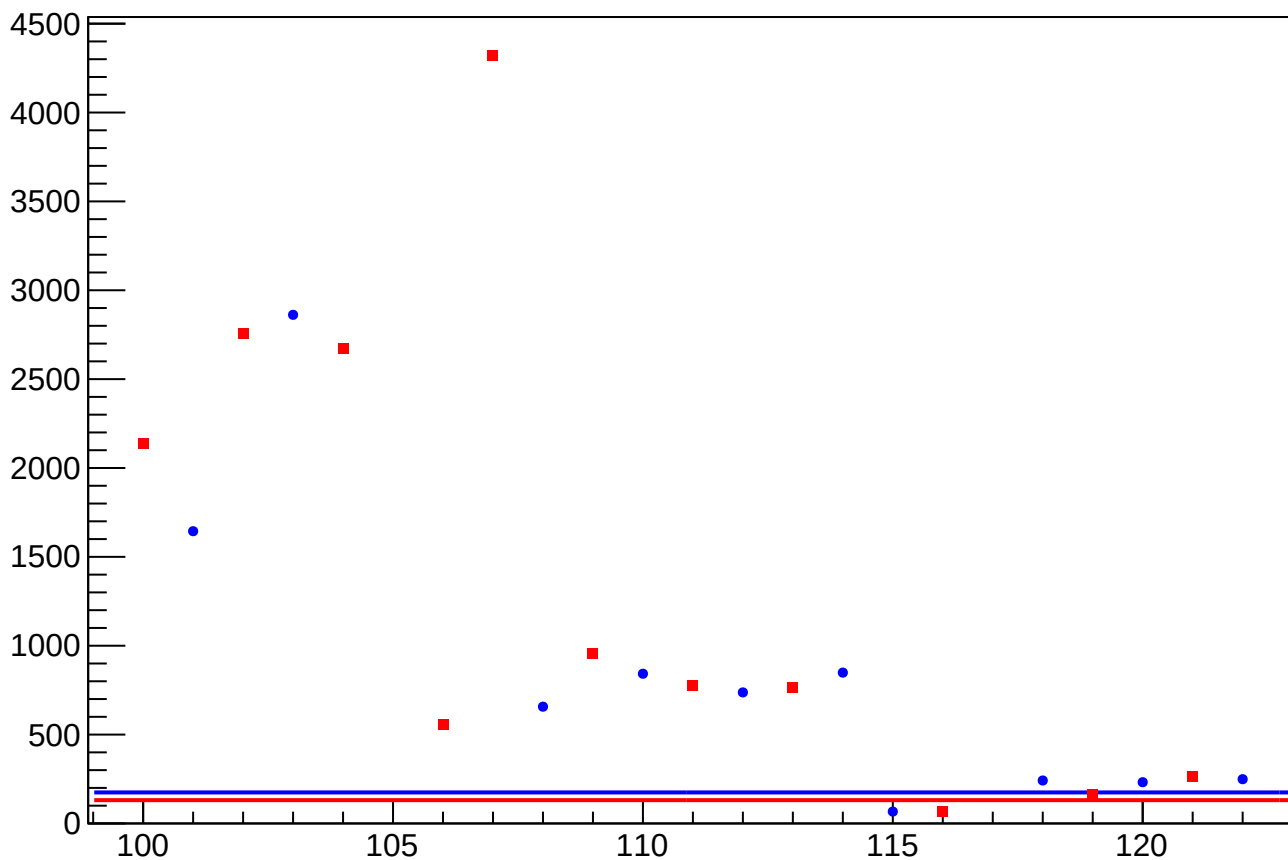
Right: 98.863+/-83.409 χ^2 /NDF: 21.0/20

In: 23.189+/-132.201 χ^2 /NDF:9.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 98.863+/-83.409 χ^2 /NDF: 21.0/20

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 174.601+/-0.093 χ^2/NDF : 4675948.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.134+/-0.076 χ^2/NDF : 5814015.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

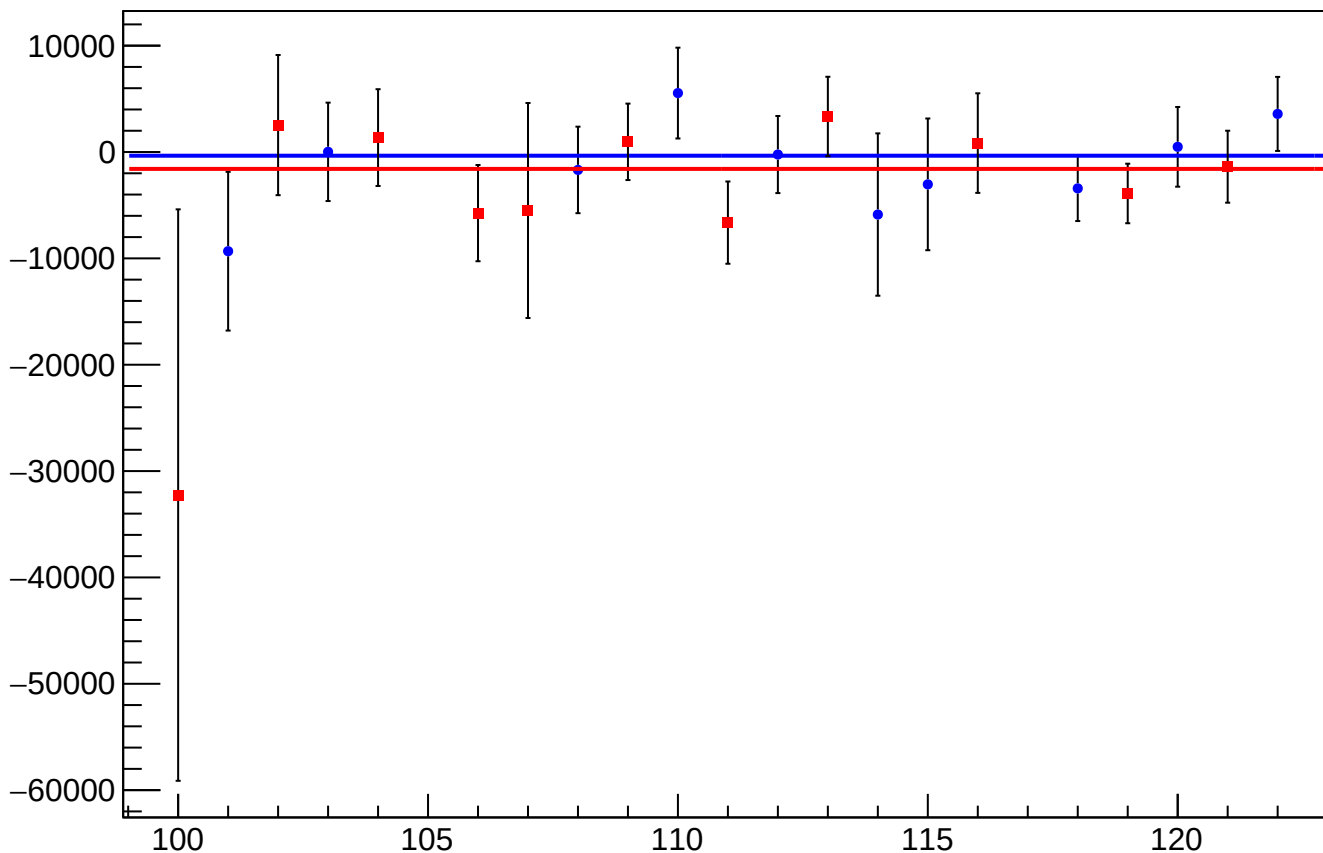
Right: 148.437+/-0.059 χ^2/NDF : 10620107.5/20

In: 174.601+/-0.093 χ^2/NDF : 4675948.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.437+/-0.059 χ^2/NDF : 10620107.5/20

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -347.286+/-1337.571 χ^2 /NDF: 6.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1587.950+/-1282.429 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

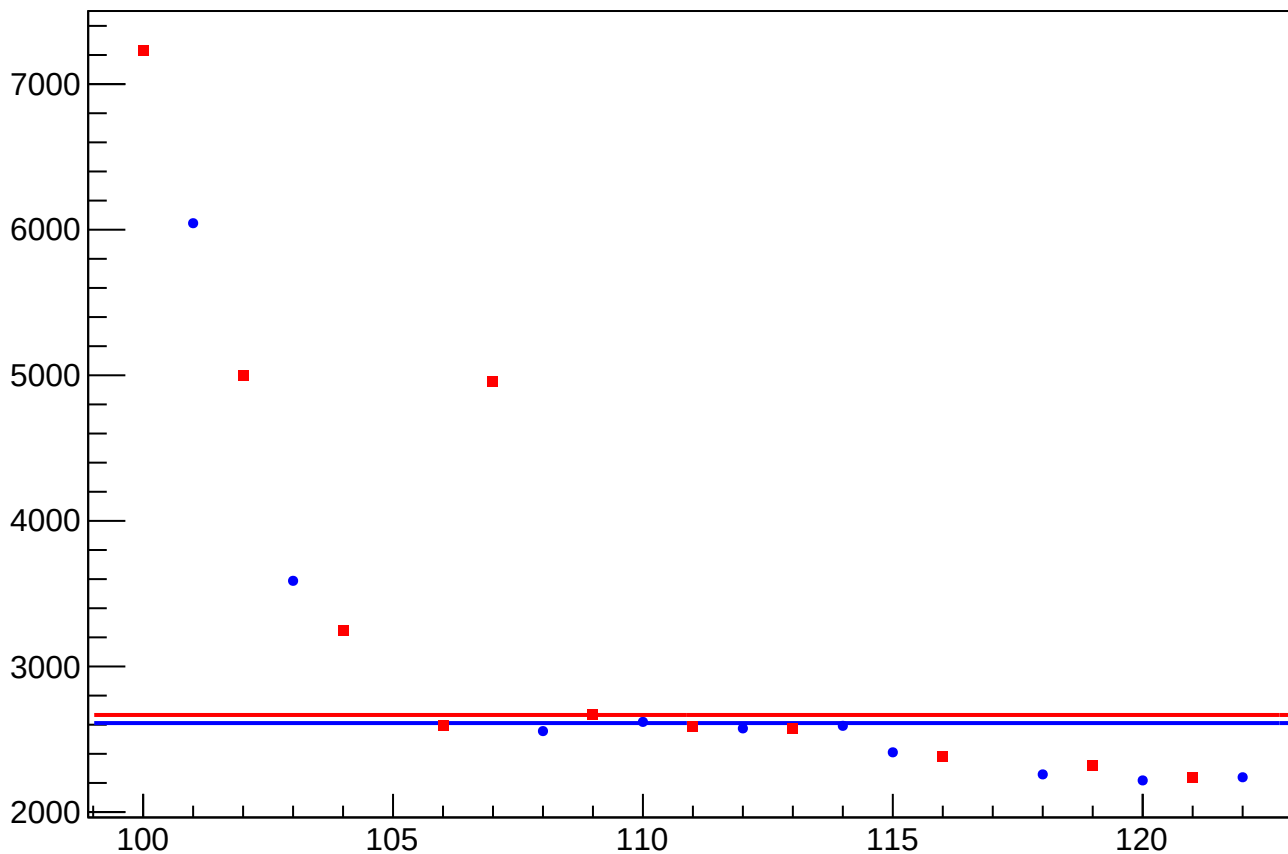
Right: -993.718+/-925.694 χ^2 /NDF: 15.0/20

In: -347.286+/-1337.571 χ^2 /NDF:6.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -993.718+/-925.694 χ^2 /NDF: 15.0/20

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2611.262+/-0.946 χ^2/NDF : 586494.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2666.923+/-0.907 χ^2/NDF : 516664.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

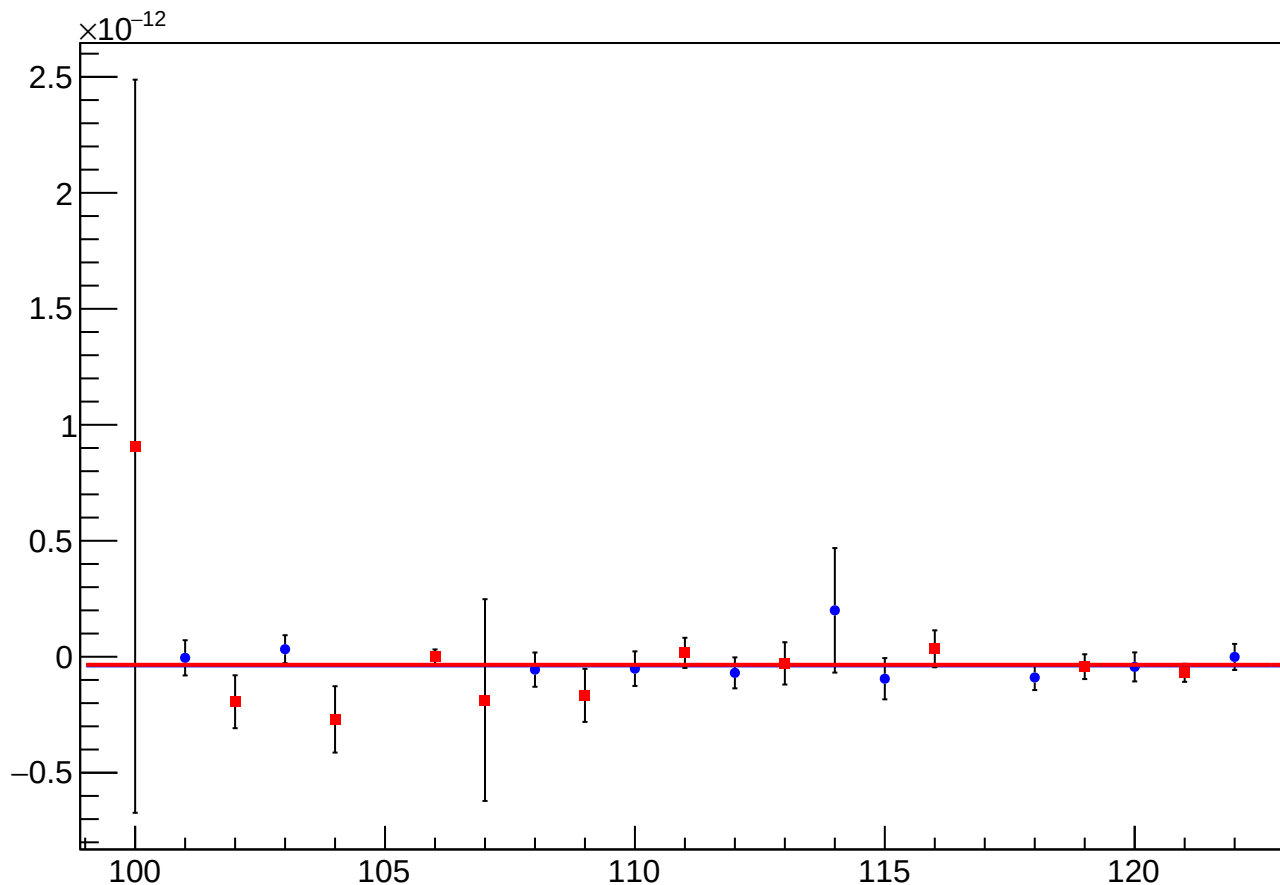
Right: 2640.263+/-0.655 χ^2/NDF : 1104962.6/20

In: 2611.262+/-0.946 χ^2/NDF :586494.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2640.263+/-0.655 χ^2/NDF : 1104962.6/20

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/9

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

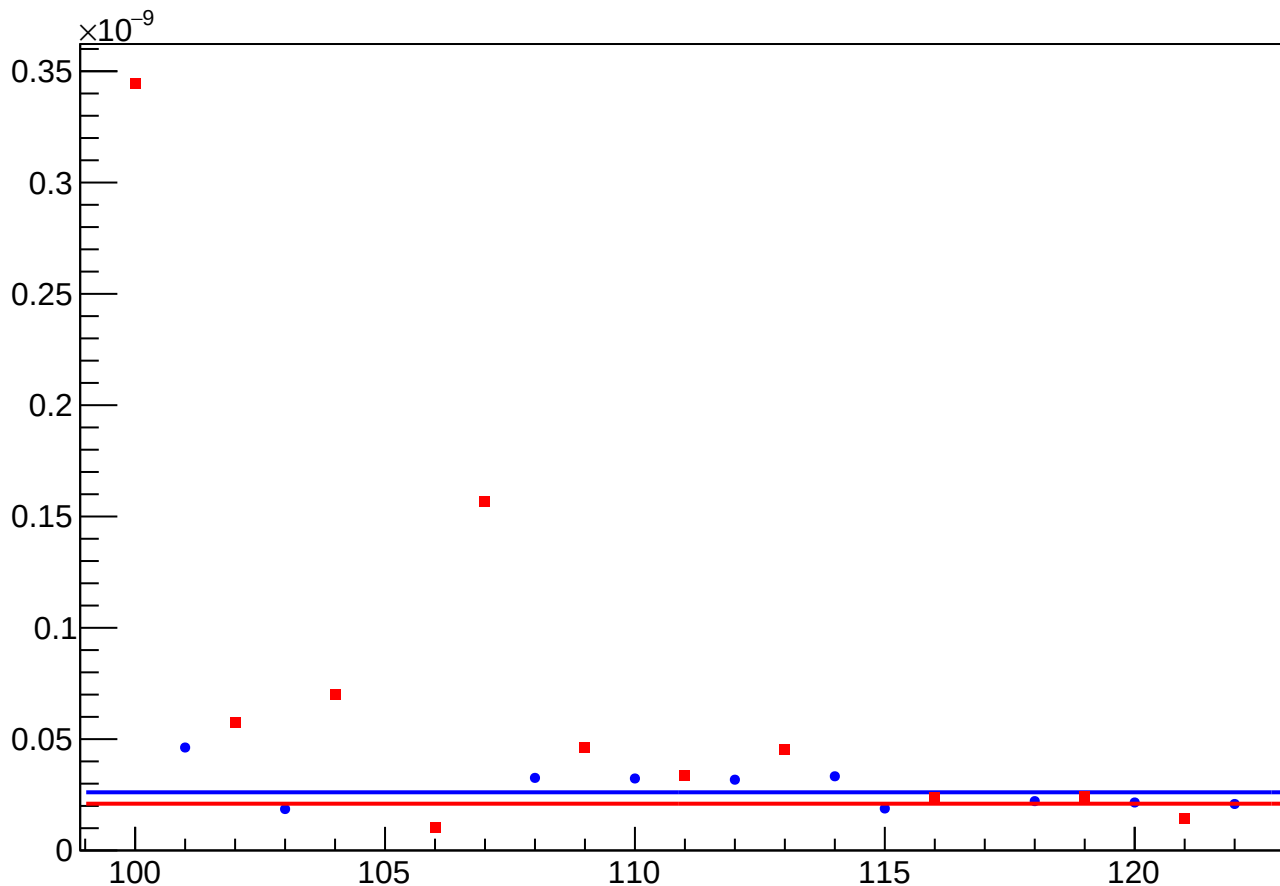
Right: -0.000+/-0.000 χ^2/NDF : 14.3/20

In: -0.000+/-0.000 χ^2/NDF :4.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/20

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 268694.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1332065.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

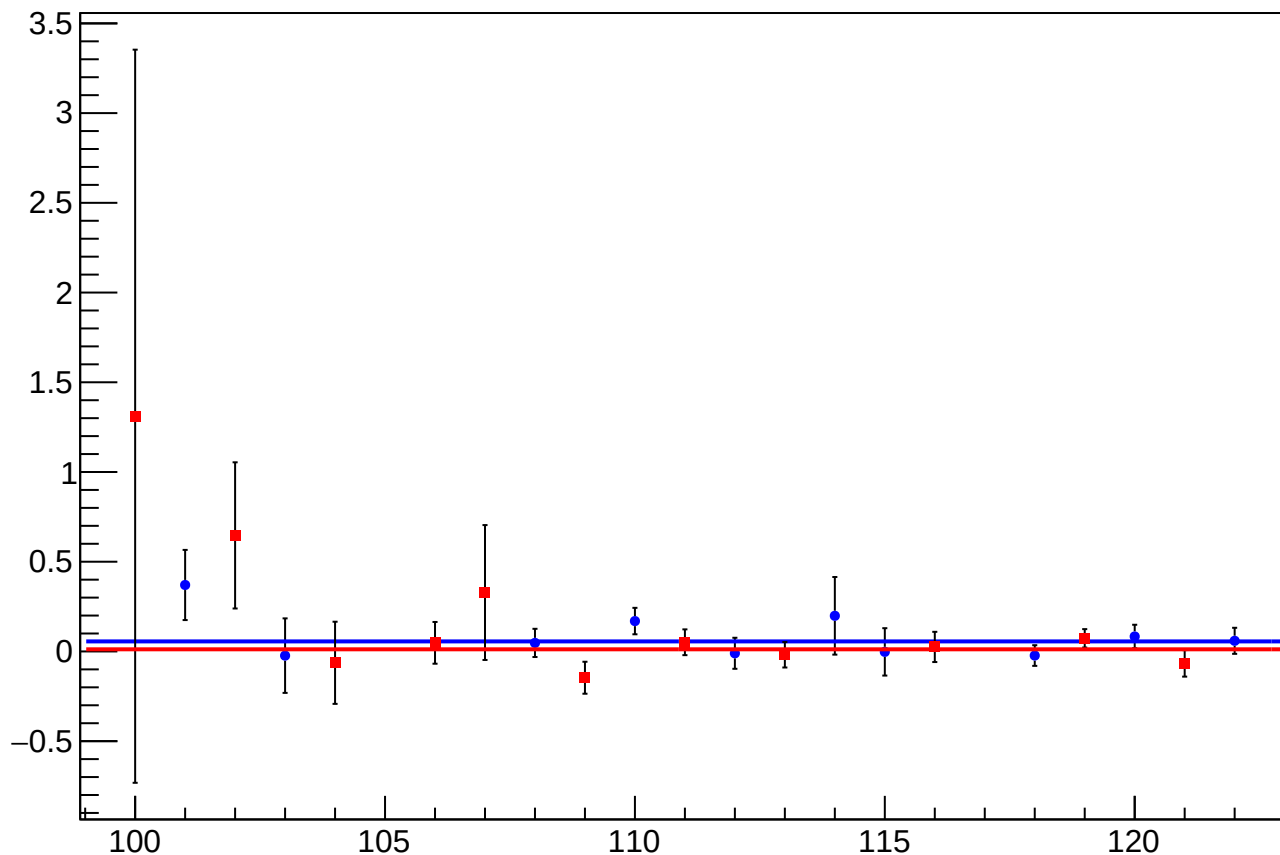
Right: 0.000+/-0.000 χ^2/NDF : 1663203.0/20

In: 0.000+/-0.000 χ^2/NDF : 268694.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1663203.0/20

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.027 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

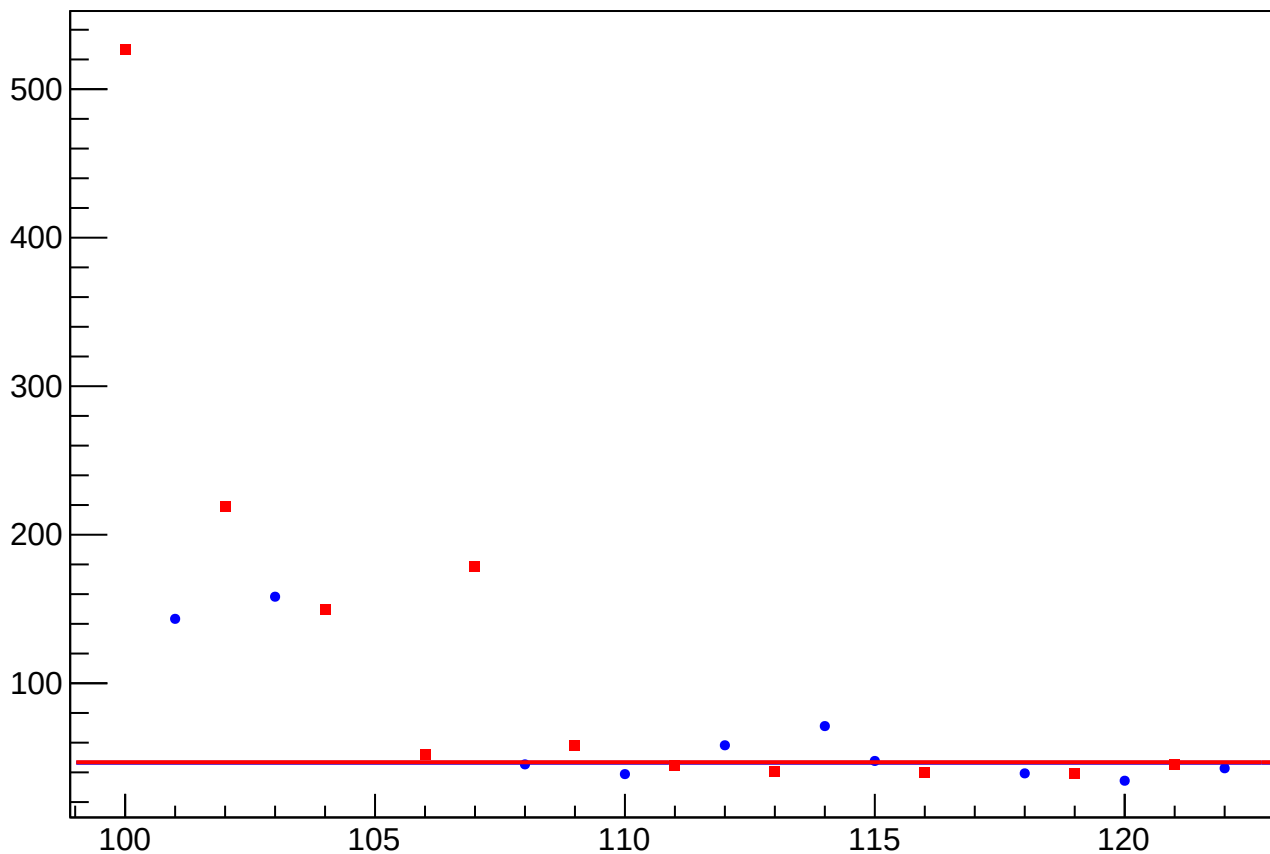
Right: 0.034+/-0.019 χ^2/NDF : 19.6/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.019 χ^2/NDF : 19.6/20

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.488+/-0.019 χ^2/NDF : 1261279.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.822+/-0.019 χ^2/NDF : 1229647.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

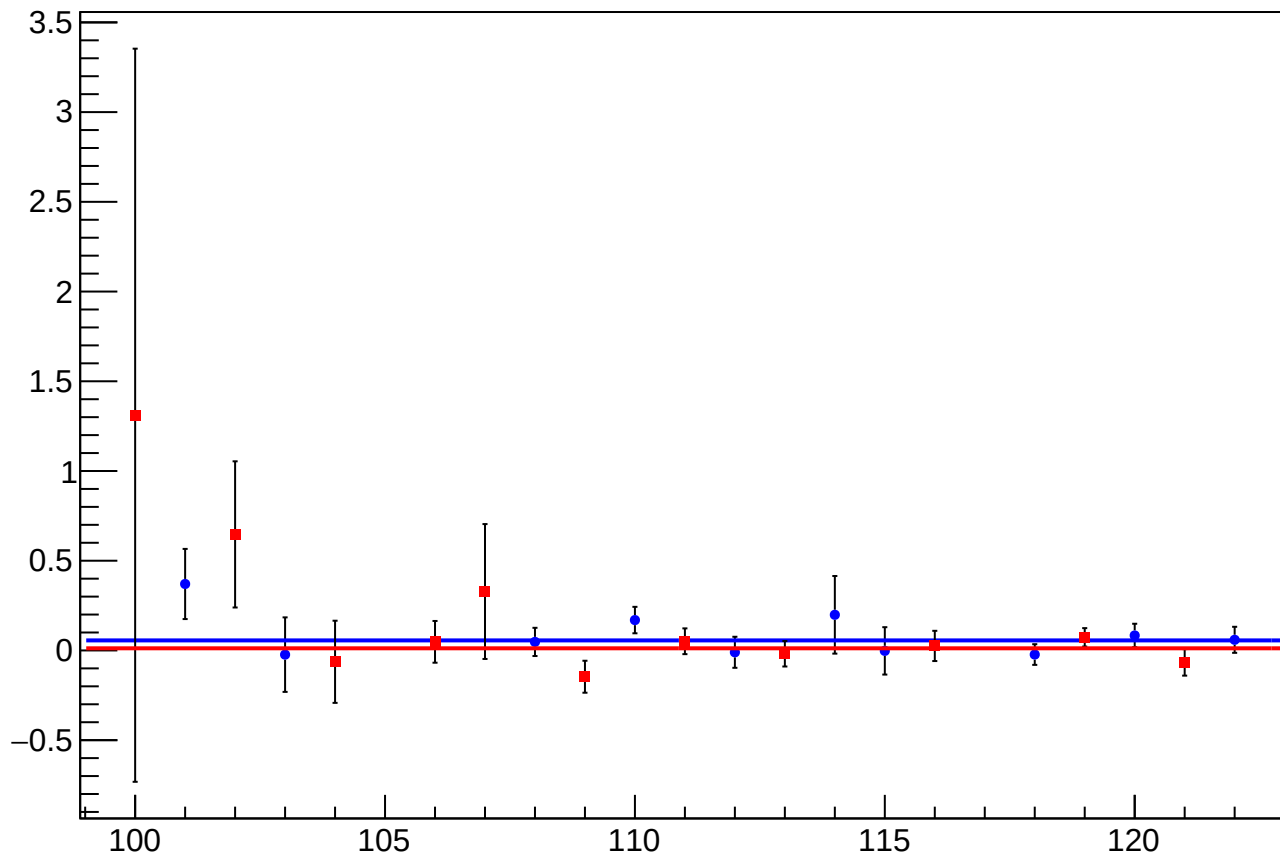
Right: 46.655+/-0.014 χ^2/NDF : 2491075.4/20

In: 46.488+/-0.019 χ^2/NDF : 1261279.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.655+/-0.014 χ^2/NDF : 2491075.4/20

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.027 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

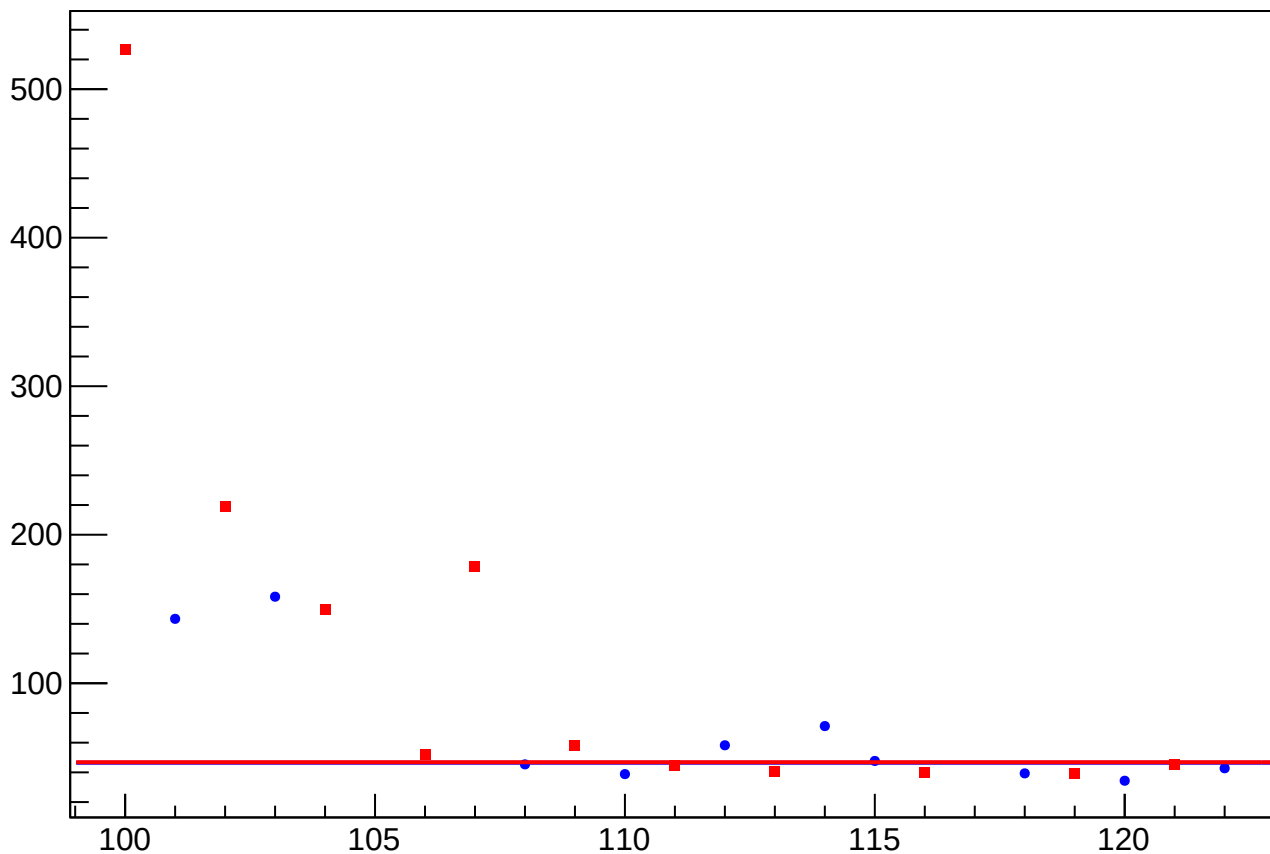
Right: 0.034+/-0.019 χ^2/NDF : 19.6/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.019 χ^2/NDF : 19.6/20

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.488+/-0.019 χ^2/NDF : 1261279.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.822+/-0.019 χ^2/NDF : 1229647.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

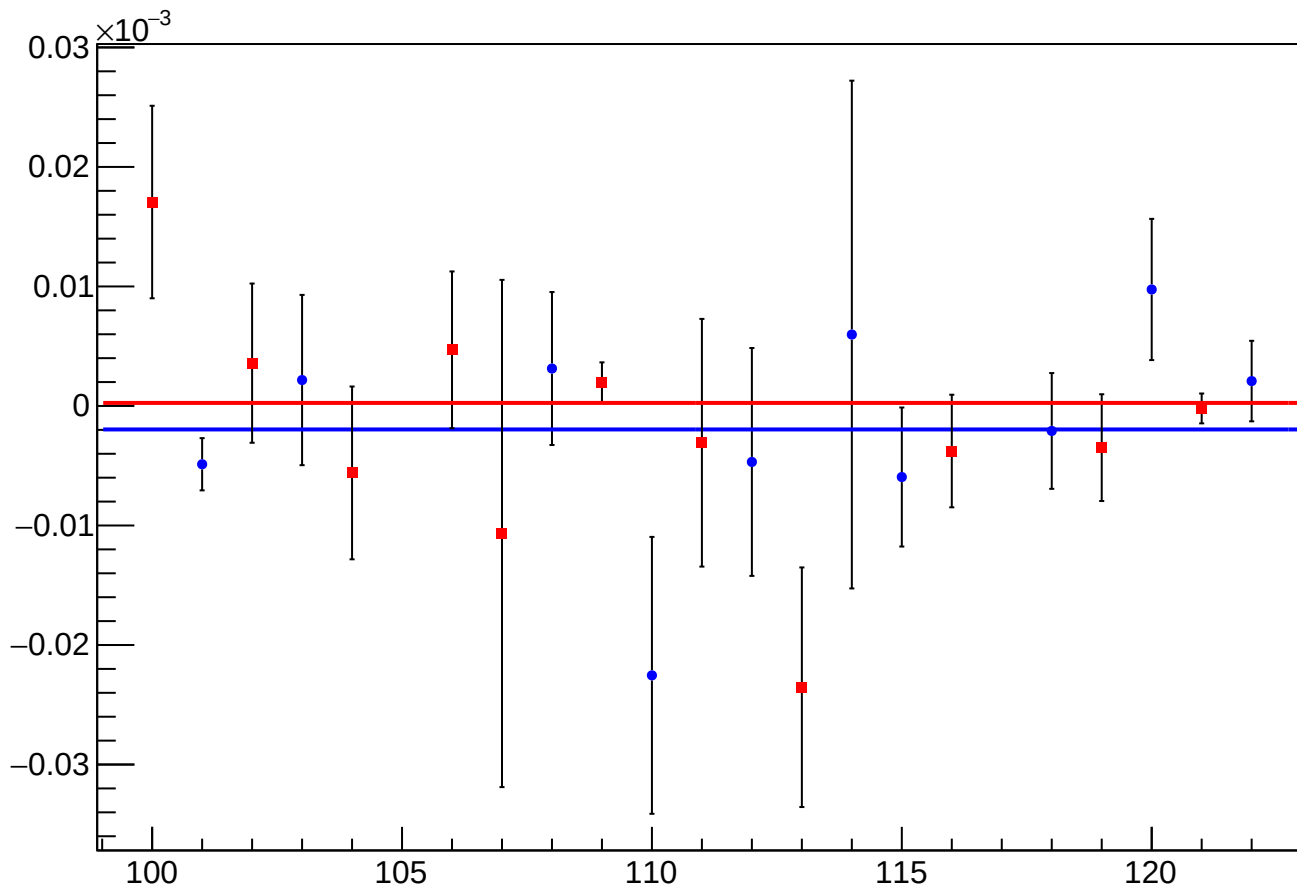
Right: 46.655+/-0.014 χ^2/NDF : 2491075.4/20

In: 46.488+/-0.019 χ^2/NDF : 1261279.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.655+/-0.014 χ^2/NDF : 2491075.4/20

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 : 12.0/9

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

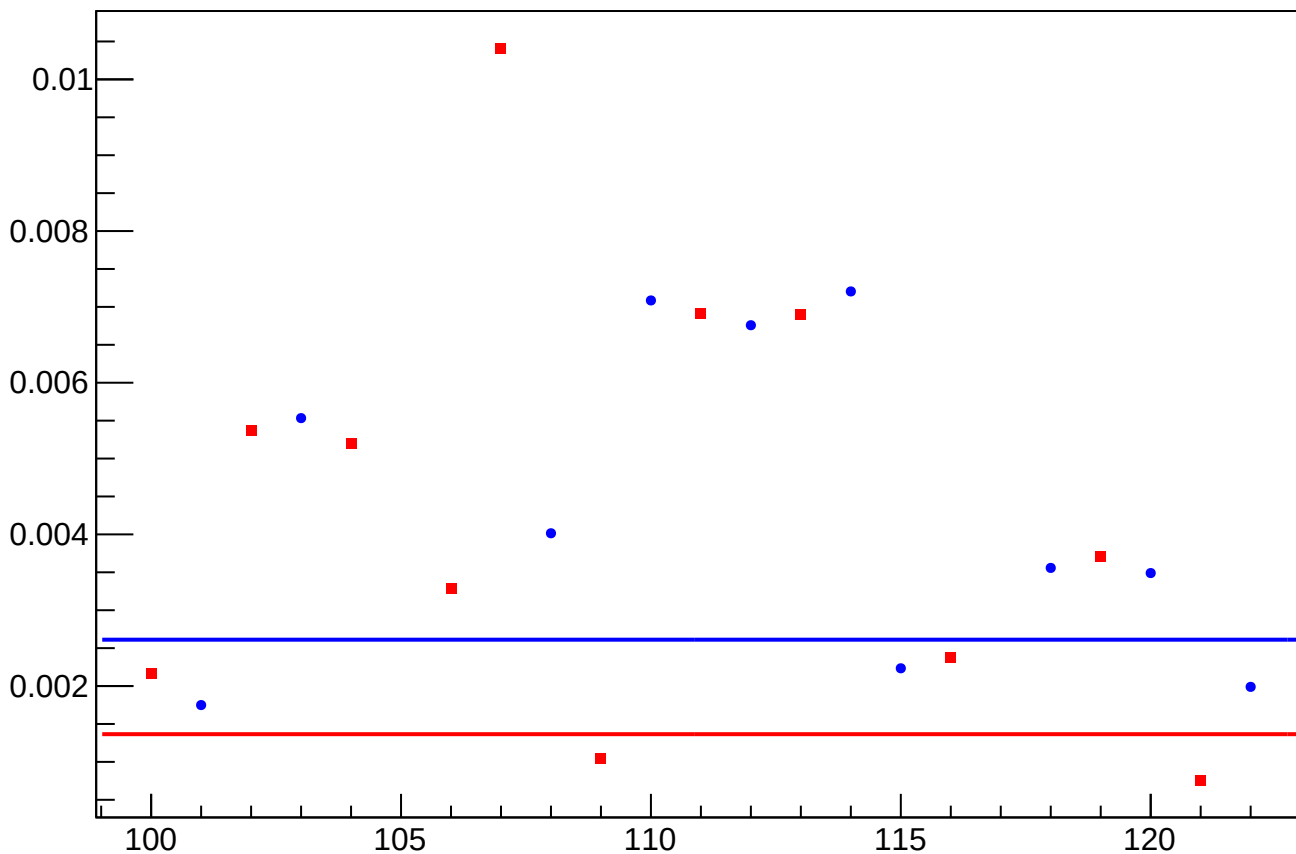
Right: -0.000+/-0.000 χ^2/NDF : 28.0/20

In: -0.000+/-0.000 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.0/20

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 : 1711344.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4227020.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

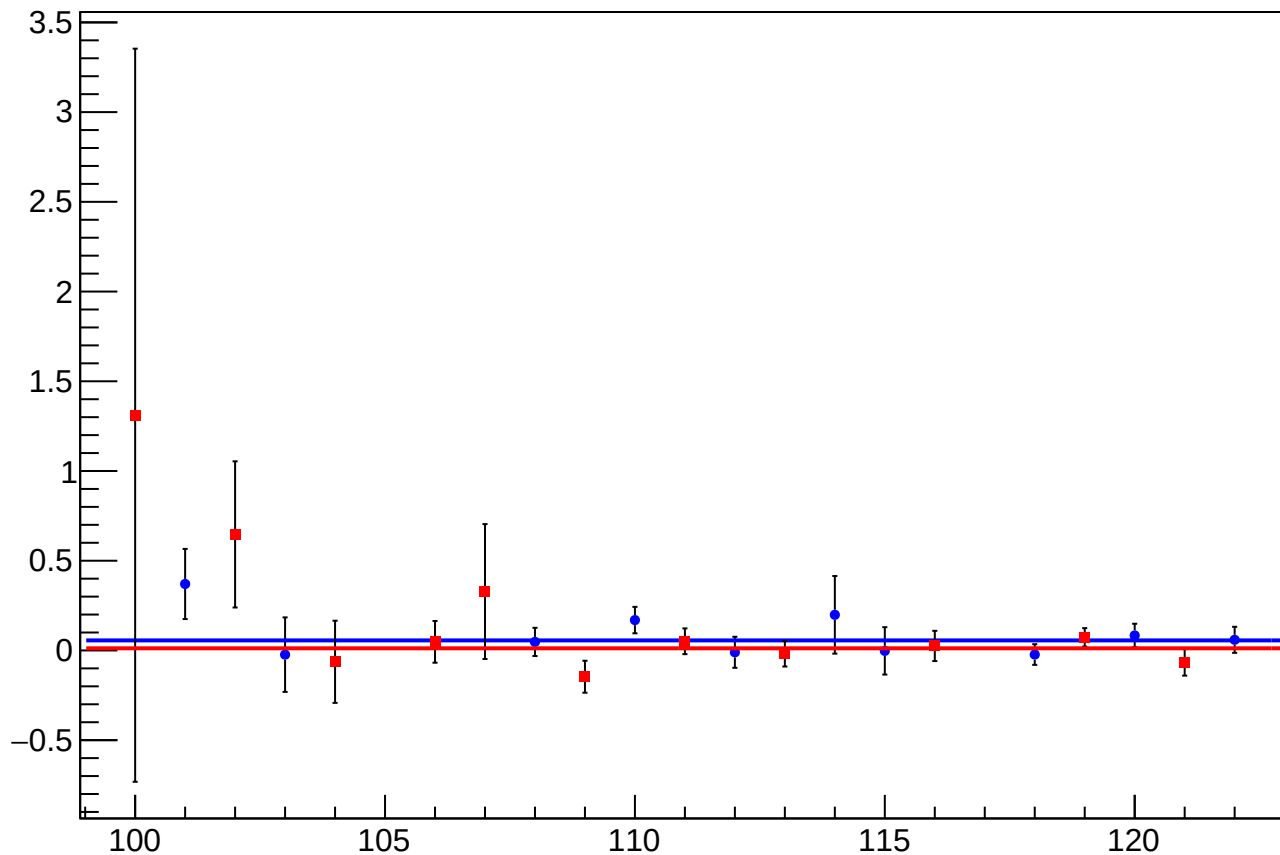
Right: 0.002+/-0.000 χ^2/NDF : 6976442.2/20

In: 0.003+/-0.000 χ^2/NDF : 1711344.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6976442.2/20

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.027 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

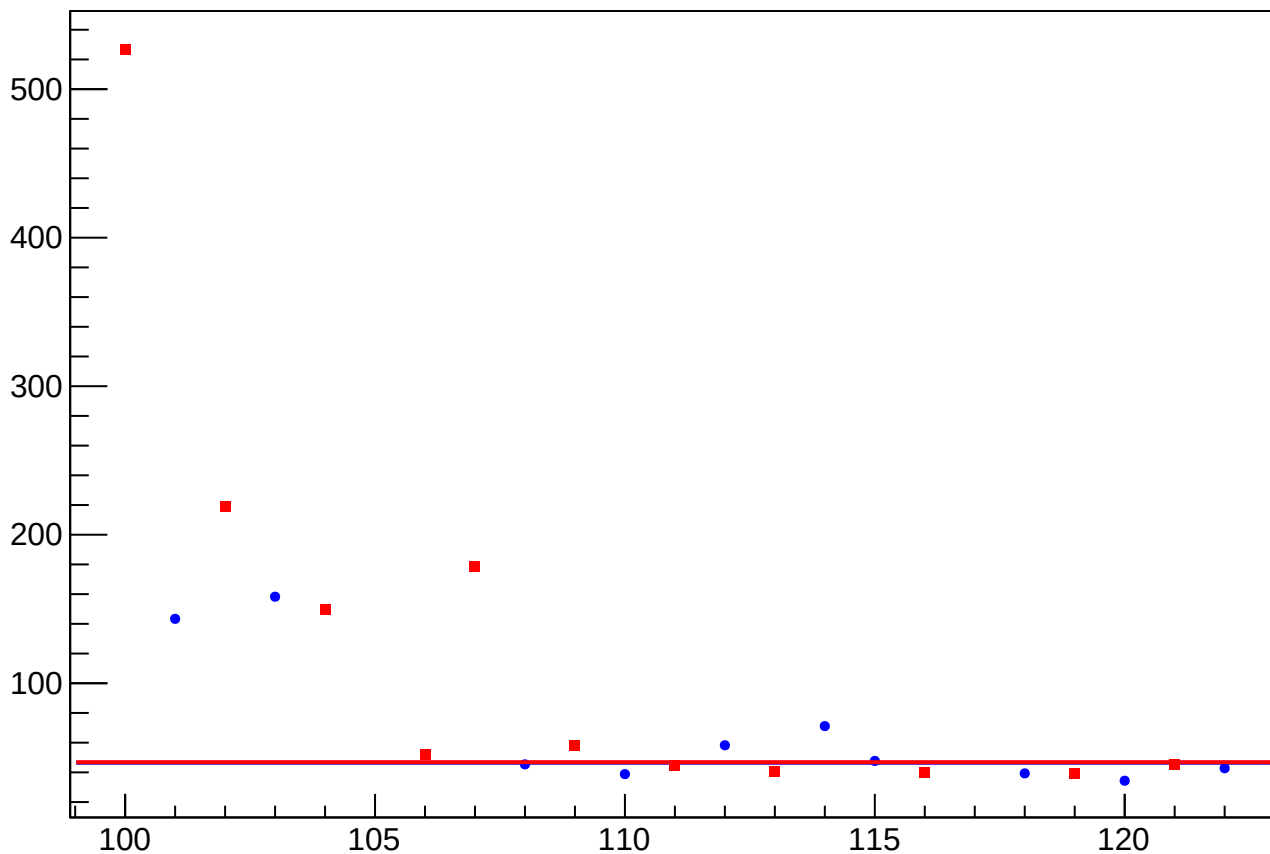
Right: 0.034+/-0.019 χ^2/NDF : 19.6/20

In: 0.056+/-0.027 χ^2/NDF :8.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.019 χ^2/NDF : 19.6/20

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.487+/-0.019 χ^2/NDF : 1261346.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.824+/-0.019 χ^2/NDF : 1229586.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

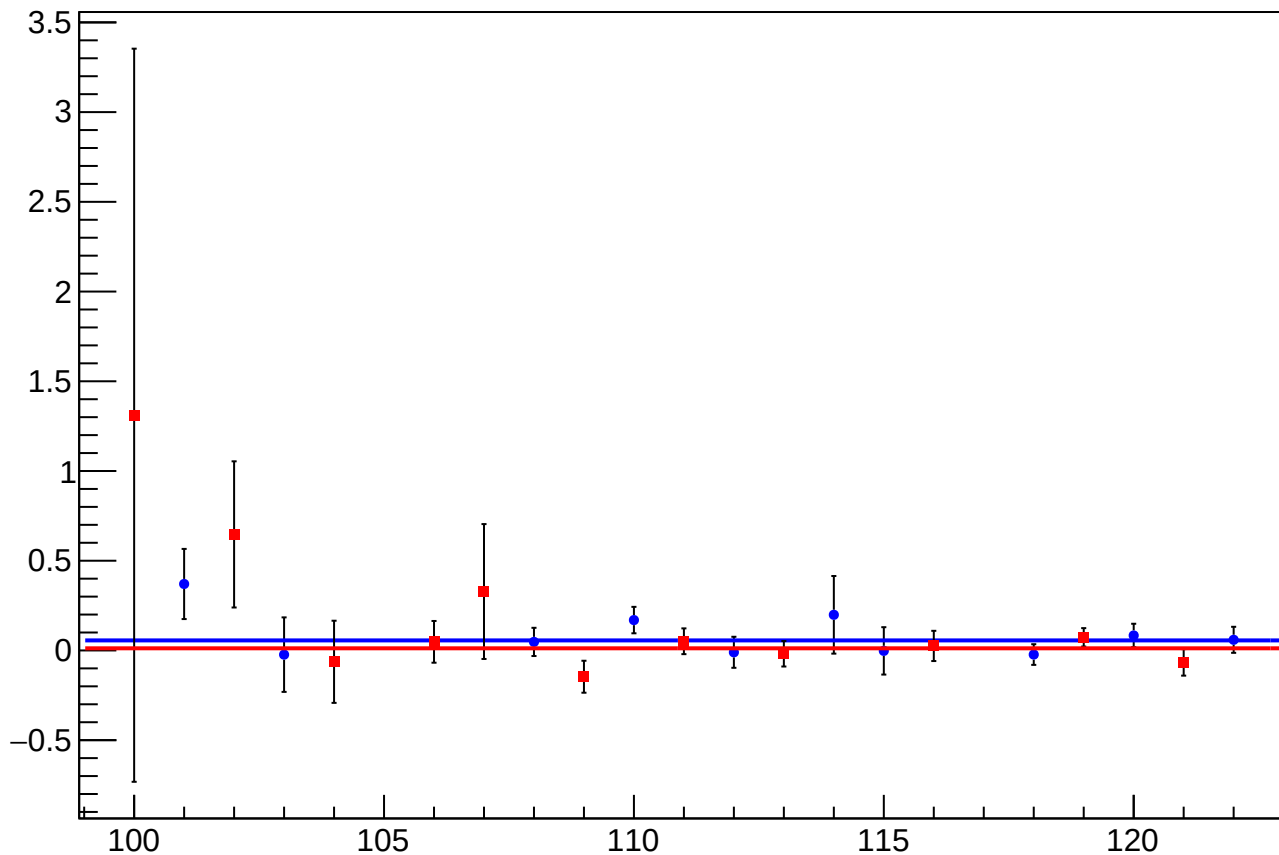
Right: 46.655+/-0.014 χ^2/NDF : 2491083.6/20

In: 46.487+/-0.019 χ^2/NDF : 1261346.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.655+/-0.014 χ^2/NDF : 2491083.6/20

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.027 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

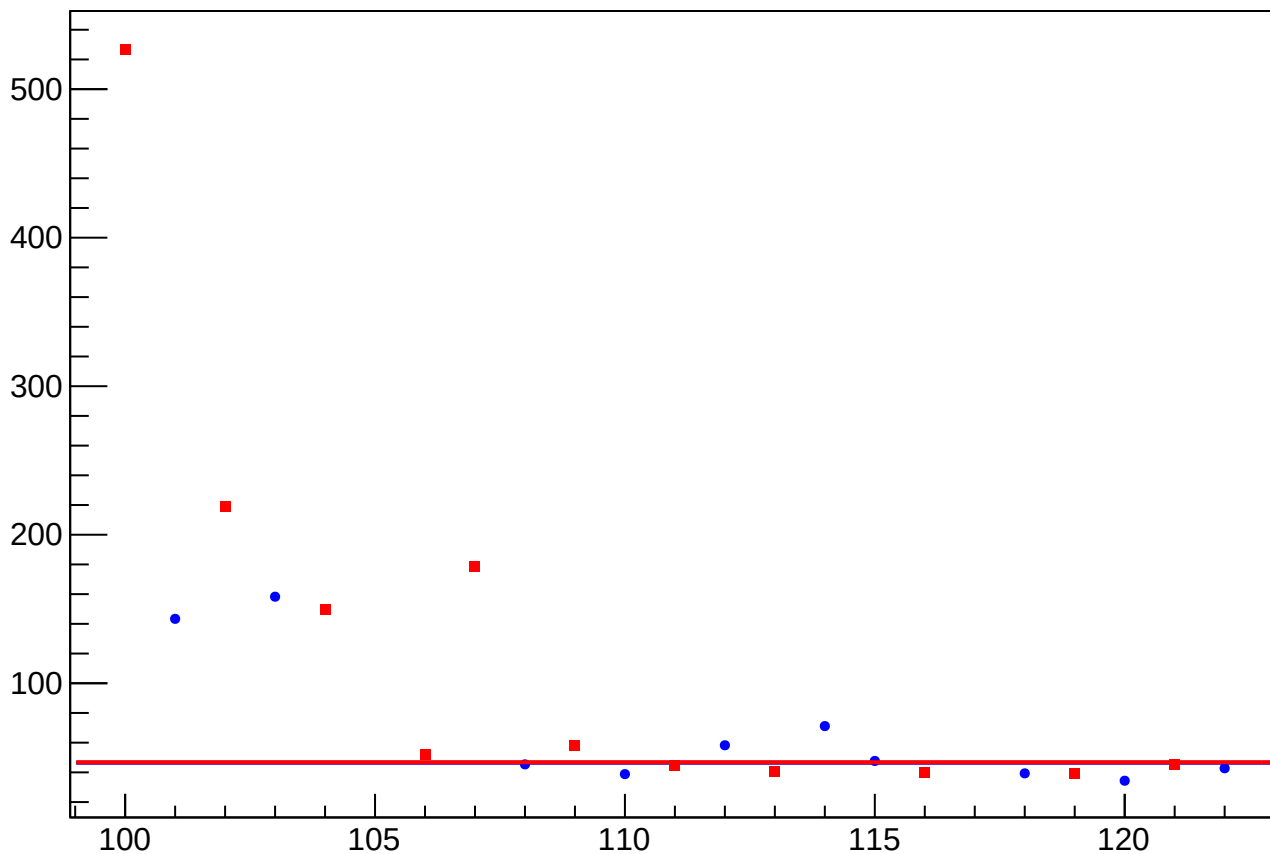
Right: 0.034+/-0.019 χ^2/NDF : 19.6/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.019 χ^2/NDF : 19.6/20

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.487+/-0.019 χ^2/NDF : 1261346.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.824+/-0.019 χ^2/NDF : 1229586.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

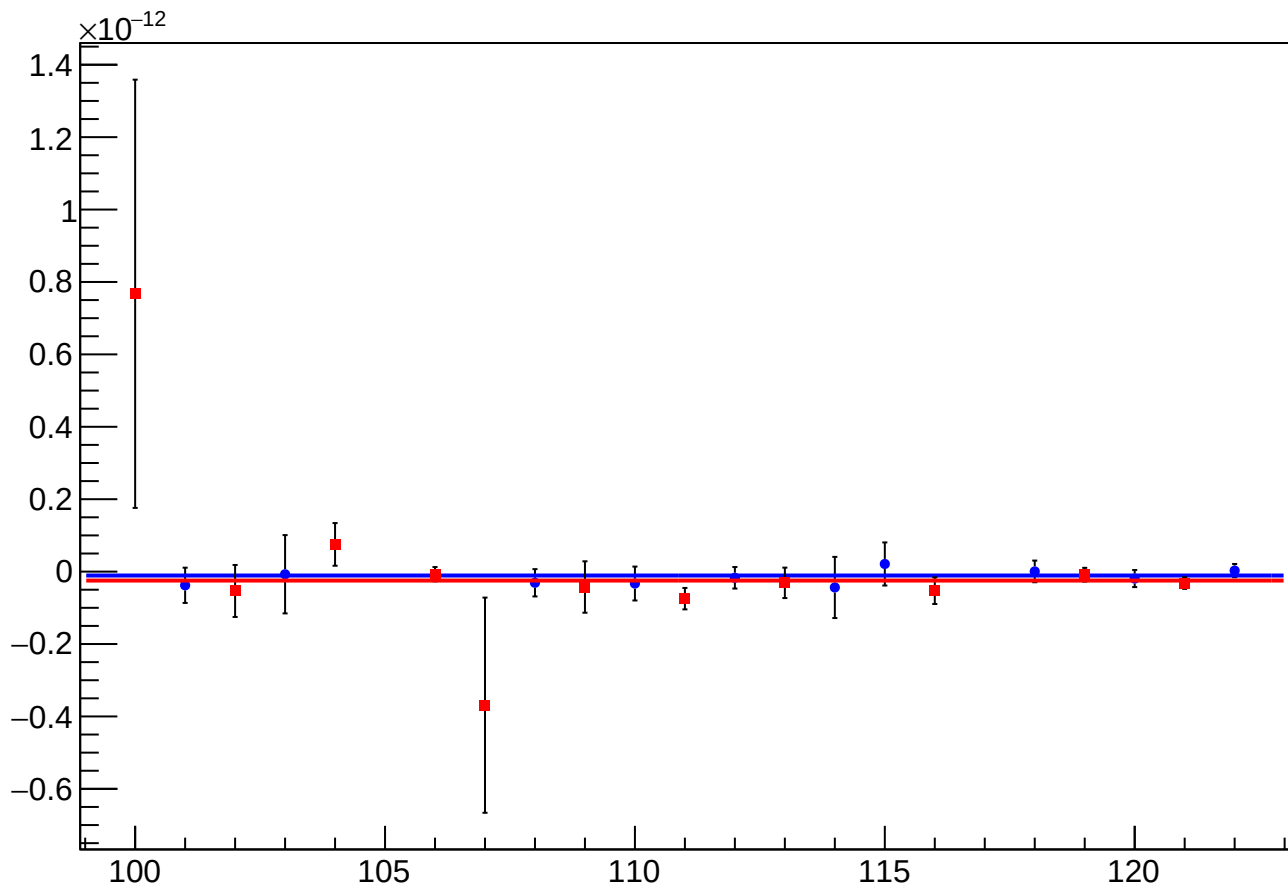
Right: 46.655+/-0.014 χ^2/NDF : 2491083.6/20

In: 46.487+/-0.019 χ^2/NDF : 1261346.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.655+/-0.014 χ^2/NDF : 2491083.6/20

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 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

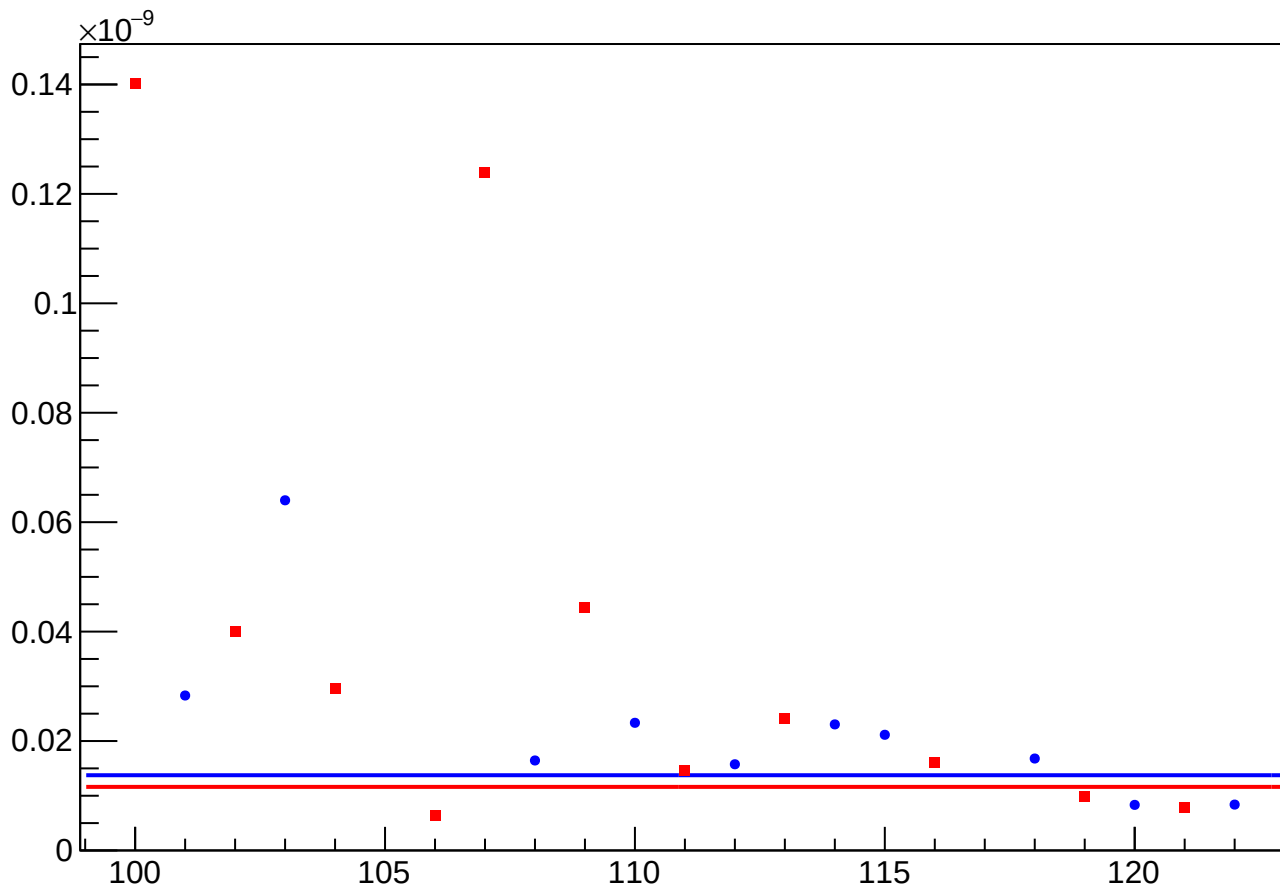
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/20

In: -0.000 $\pm$ 0.000 χ^2 /NDF:2.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/20

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 : 1067741.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1800738.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

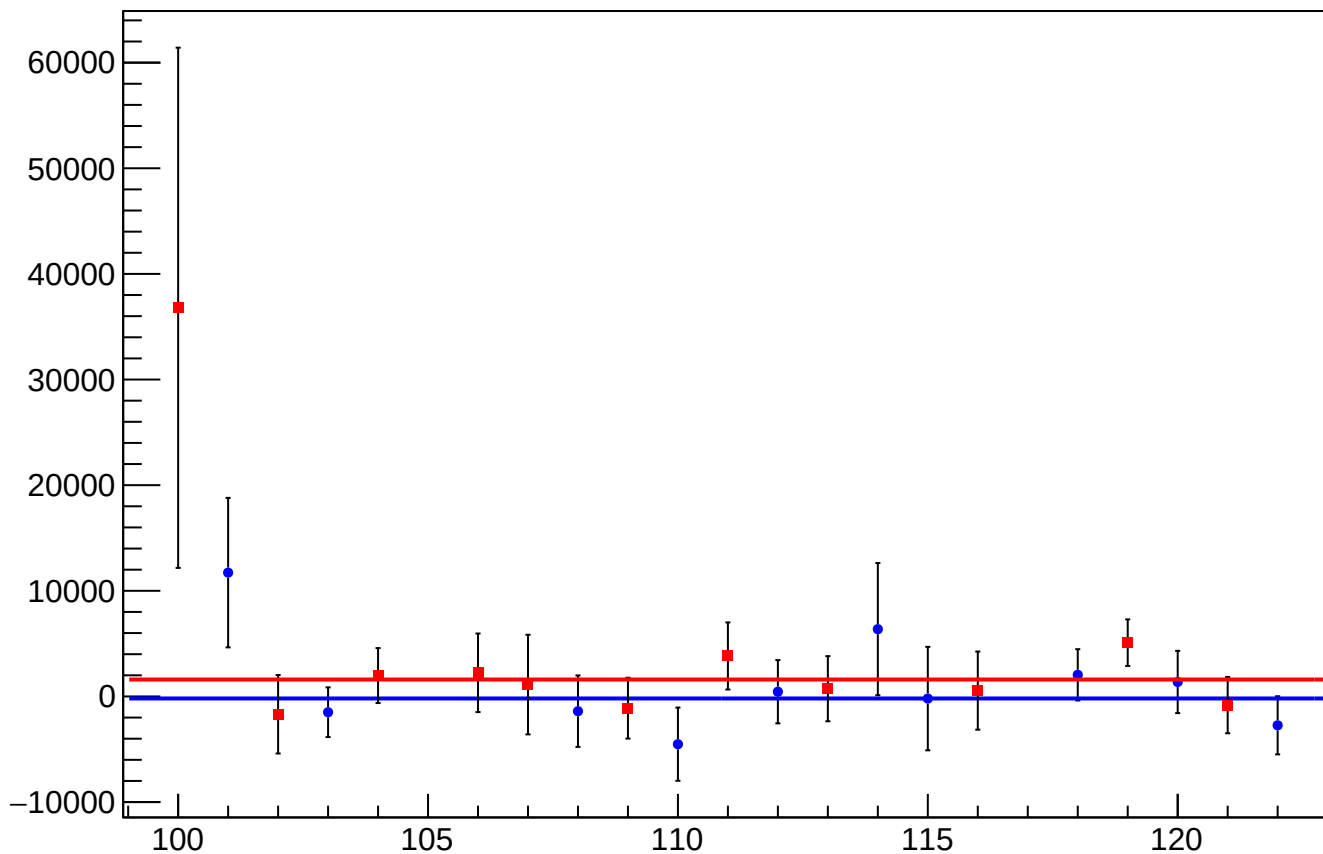
Right: 0.000+/-0.000 χ^2/NDF : 2916095.8/20

In: 0.000+/-0.000 χ^2/NDF : 1067741.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2916095.8/20

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -192.634+/-1017.009 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.061+/-960.459 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

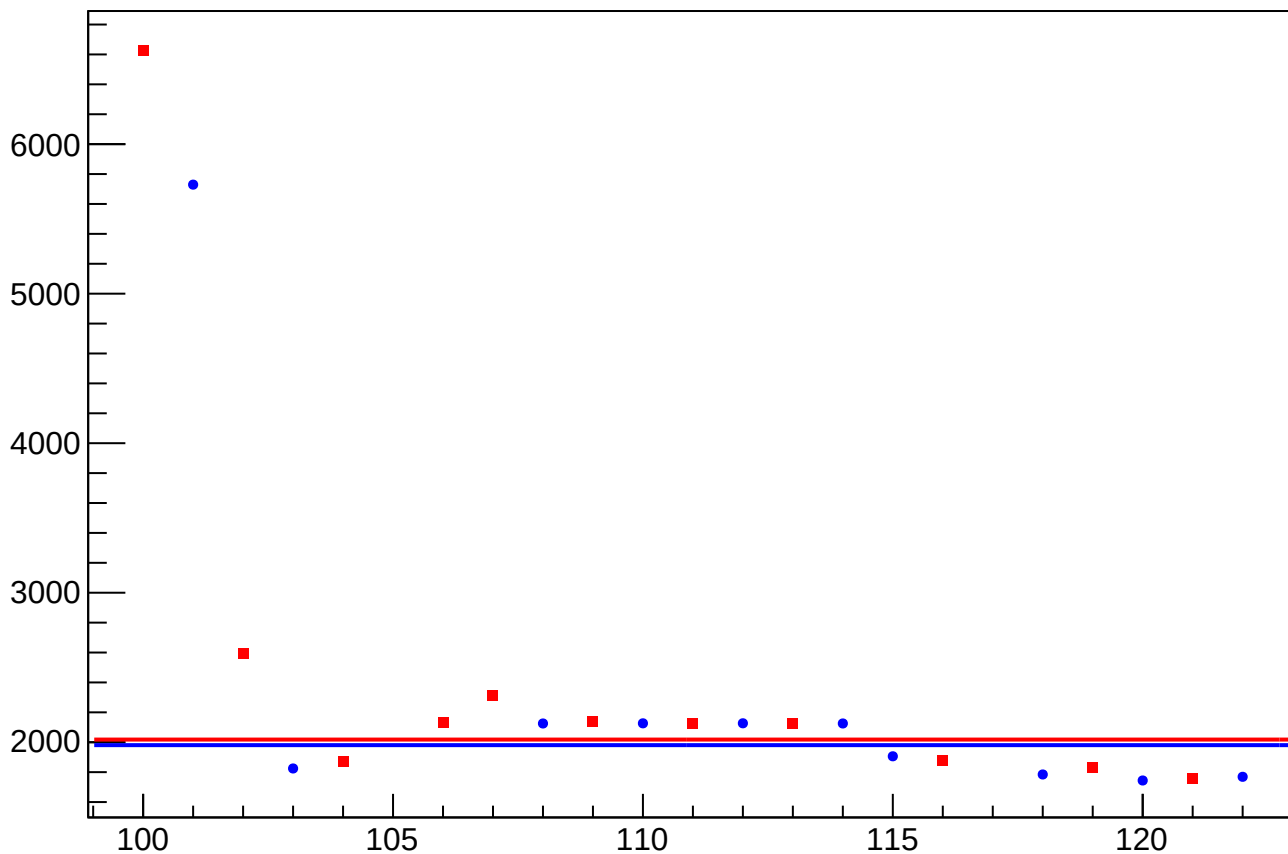
Right: 756.523+/-698.283 χ^2/NDF : 17.4/20

In: -192.634+/-1017.009 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.523+/-698.283 χ^2/NDF : 17.4/20

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1980.598+/-0.719 χ^2/NDF : 621509.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2017.922+/-0.679 χ^2/NDF : 178702.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

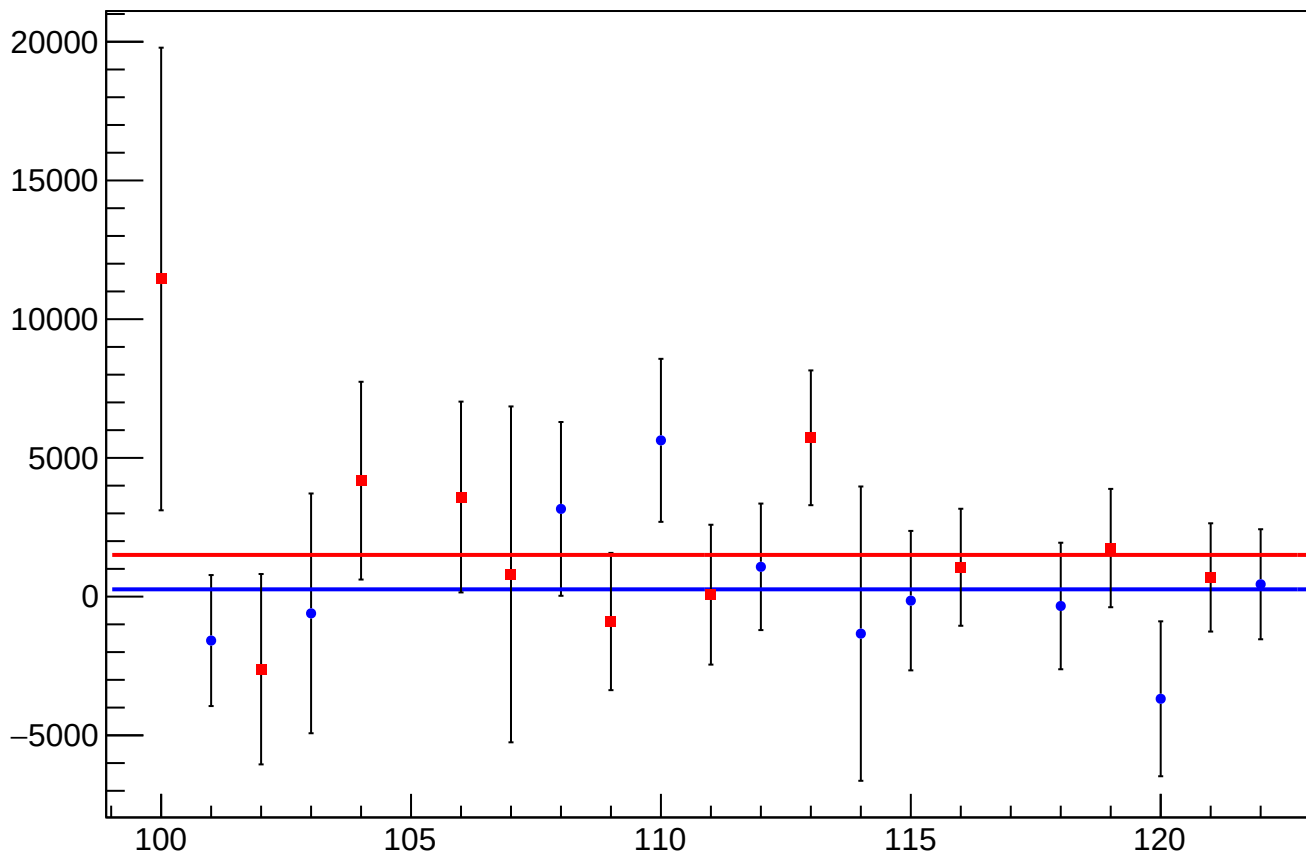
Right: 2000.327+/-0.494 χ^2/NDF : 801635.6/20

In: 1980.598+/-0.719 χ^2/NDF : 621509.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2000.327+/-0.494 χ^2/NDF : 801635.6/20

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 262.389 $\pm$ 841.614 χ^2 /NDF: 7.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1502.802 $\pm$ 819.901 χ^2 /NDF: 8.3/10

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

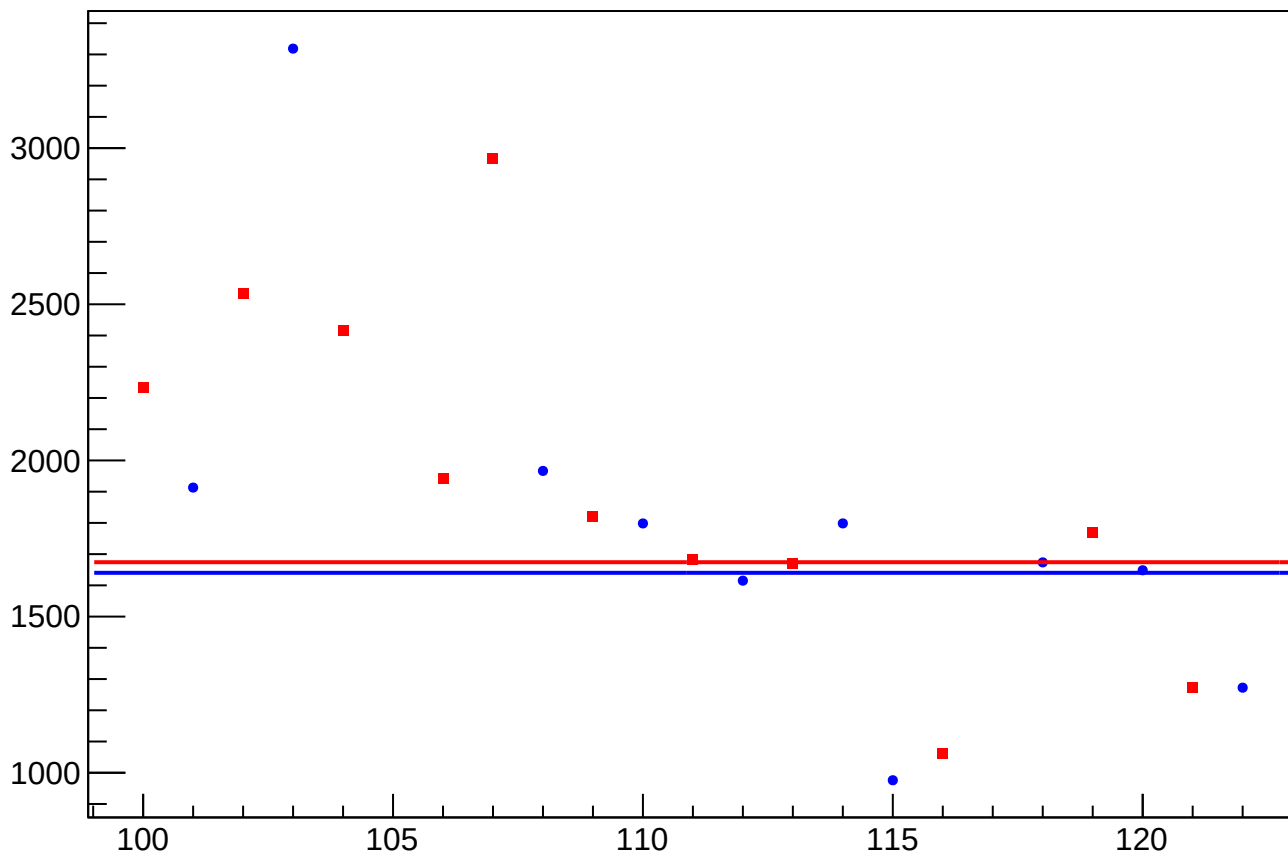
Right: 898.803 $\pm$ 587.284 χ^2 /NDF: 16.6/20

In: 262.389 $\pm$ 841.614 χ^2 /NDF:7.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 898.803 $\pm$ 587.284 χ^2 /NDF: 16.6/20

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1640.194+/-0.595 χ^2/NDF : 566875.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1674.130+/-0.580 χ^2/NDF : 588121.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

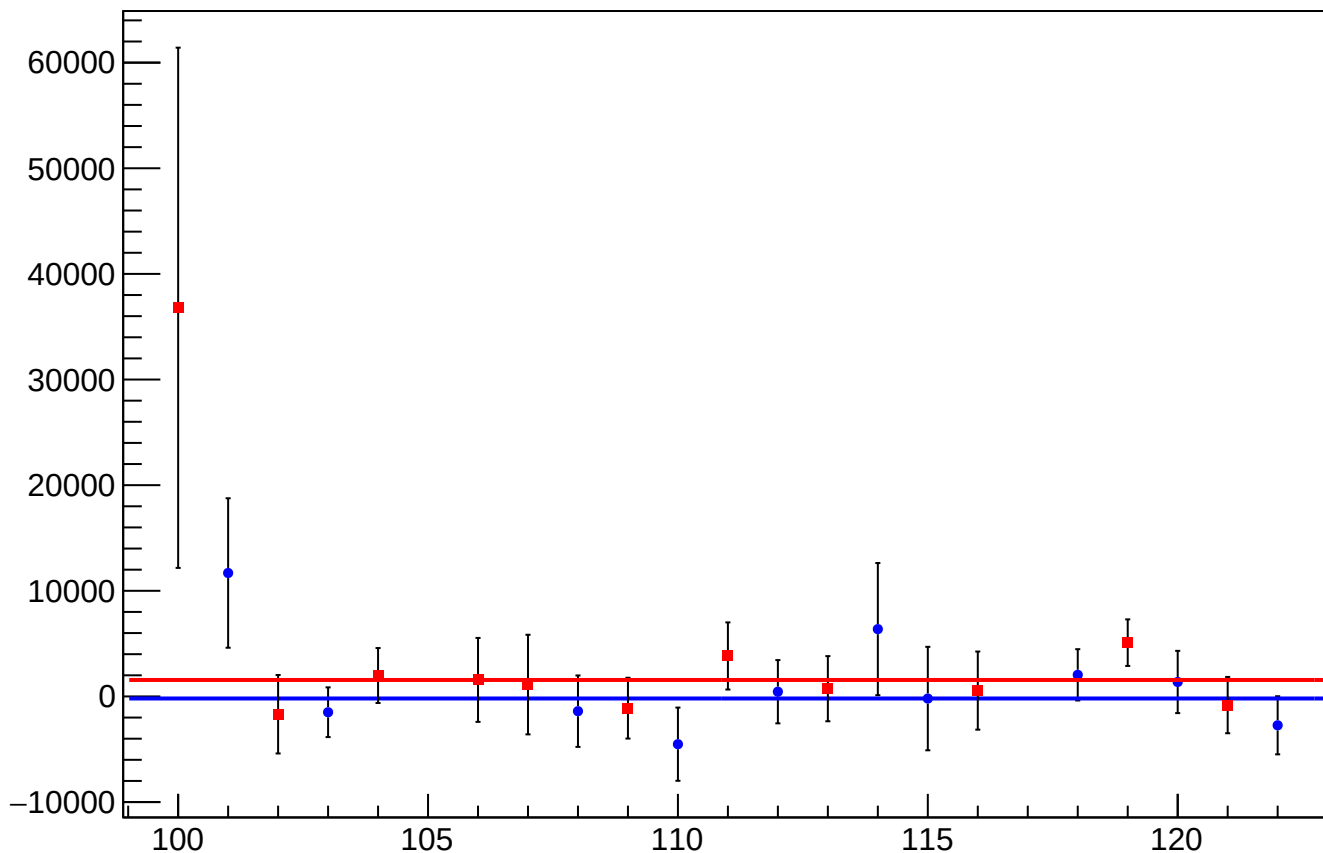
Right: 1657.605+/-0.415 χ^2/NDF : 1156665.4/20

In: 1640.194+/-0.595 χ^2/NDF : 566875.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.605+/-0.415 χ^2/NDF : 1156665.4/20

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -193.961+/-1017.009 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.202+/-964.466 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

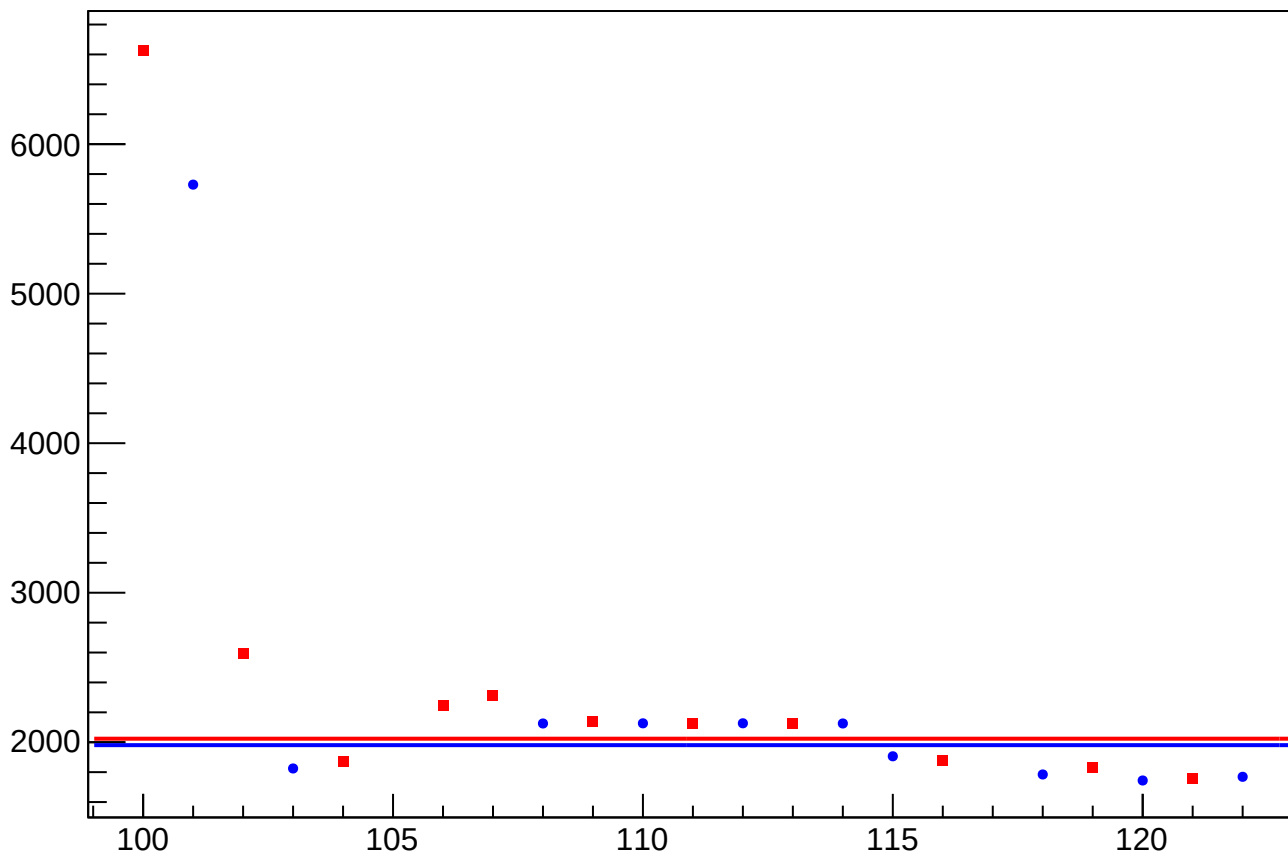
Right: 729.077+/-699.819 χ^2/NDF : 17.2/20

In: -193.961+/-1017.009 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.077+/-699.819 χ^2/NDF : 17.2/20

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1980.598+/-0.719 χ^2/NDF : 621509.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2023.775+/-0.682 χ^2/NDF : 183432.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

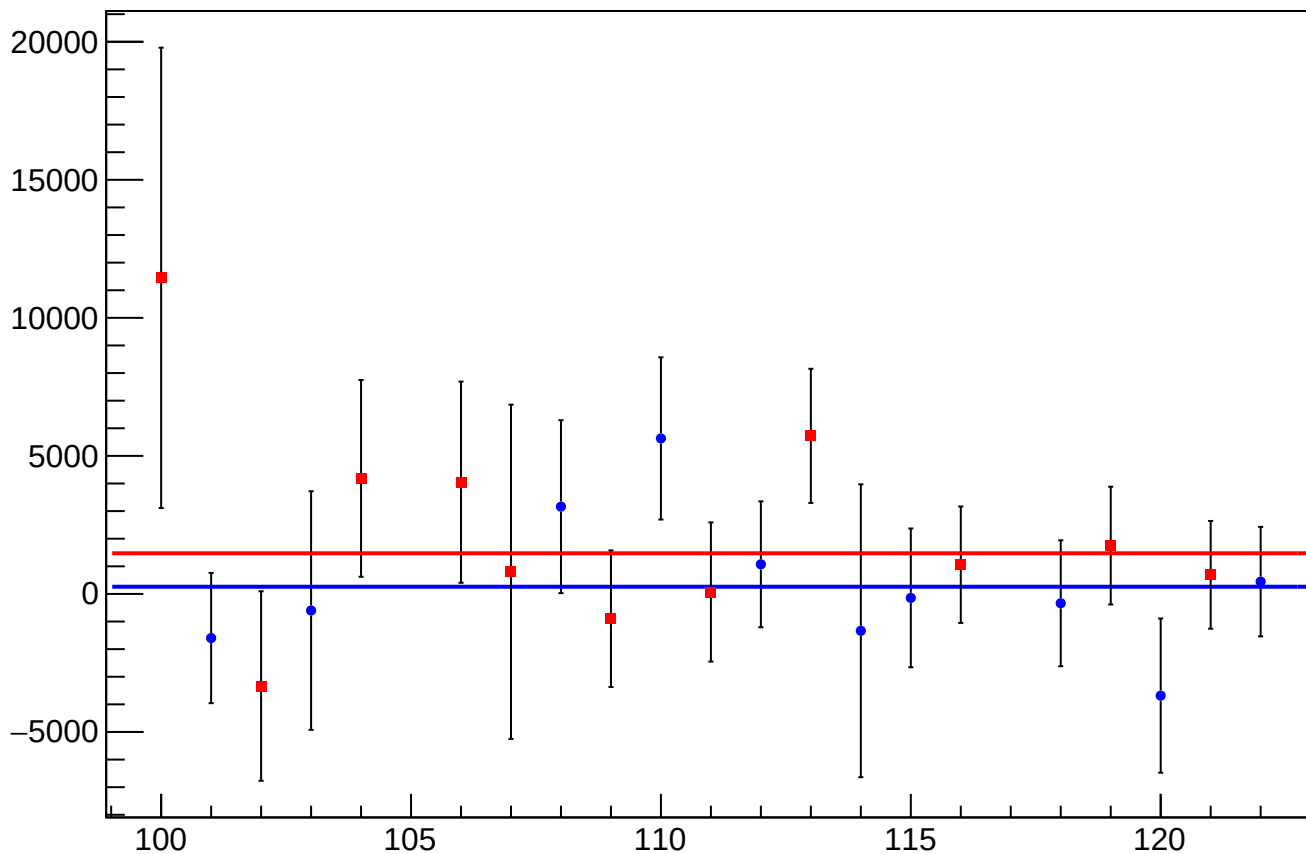
Right: 2003.331+/-0.495 χ^2/NDF : 806839.3/20

In: 1980.598+/-0.719 χ^2/NDF : 621509.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.331+/-0.495 χ^2/NDF : 806839.3/20

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 260.401+/-841.469 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1472.417+/-822.465 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

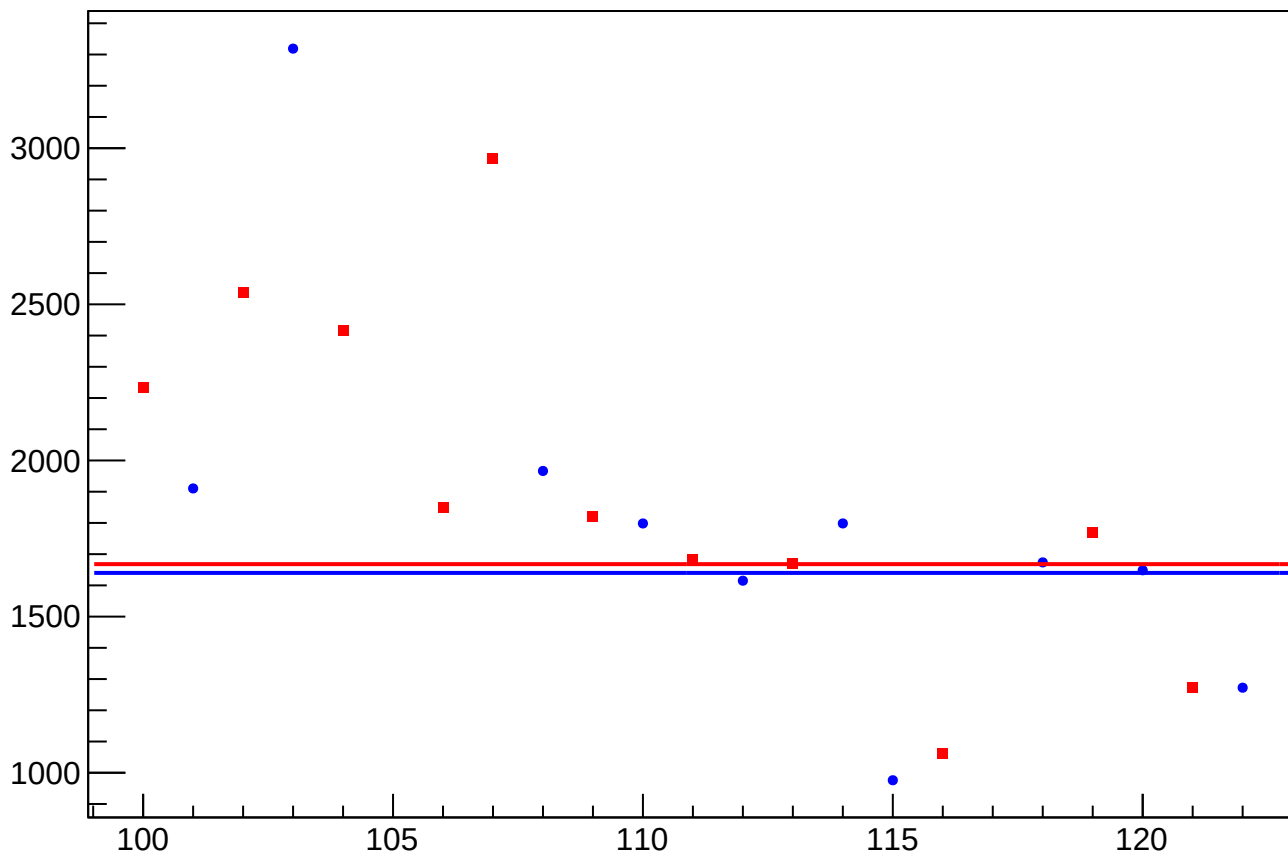
Right: 880.250+/-588.174 χ^2/NDF : 17.2/20

In: 260.401+/-841.469 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.250+/-588.174 χ^2/NDF : 17.2/20

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1639.950+/-0.595 χ^2/NDF : 566488.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1668.025+/-0.582 χ^2/NDF : 582117.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

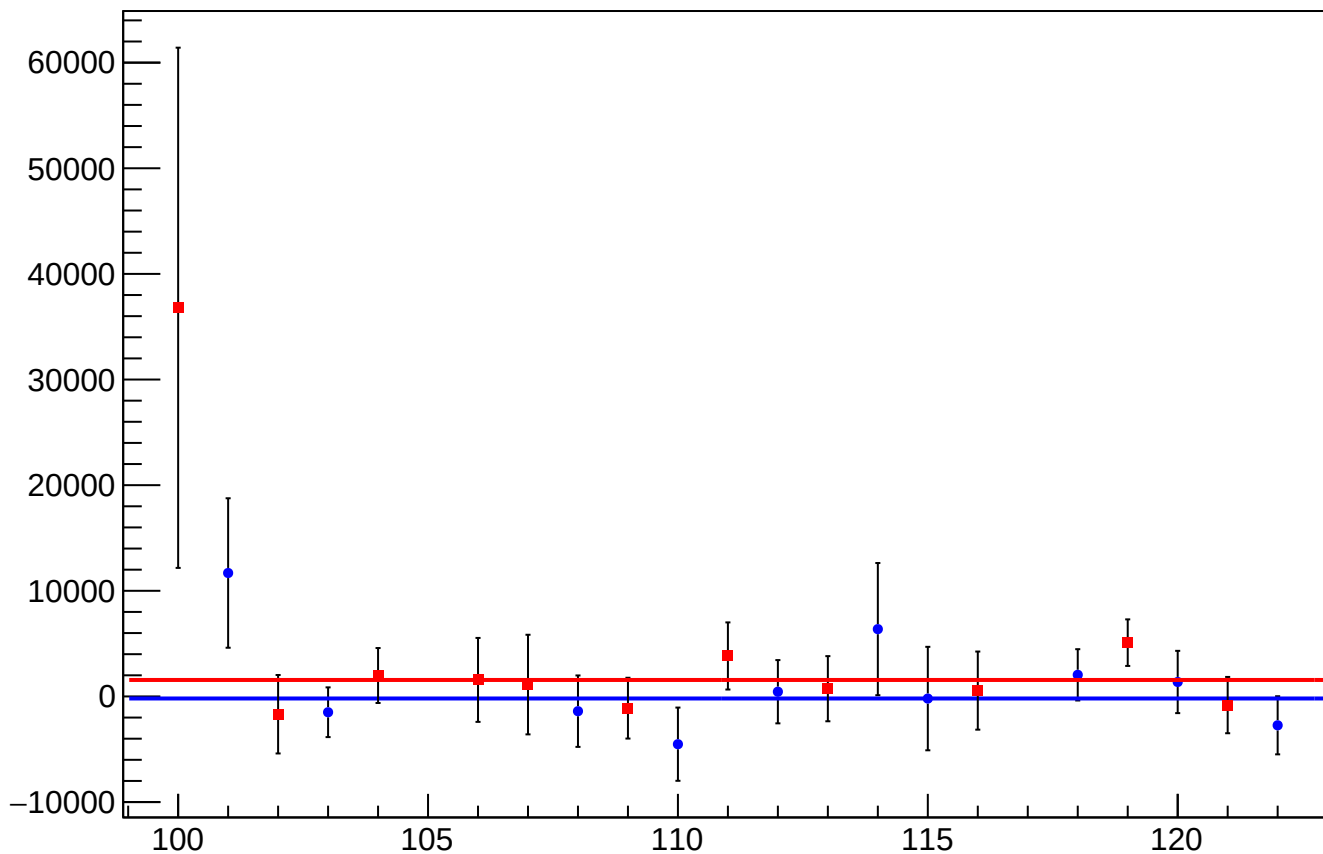
Right: 1654.308+/-0.416 χ^2/NDF : 1149744.3/20

In: 1639.950+/-0.595 χ^2/NDF : 566488.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.308+/-0.416 χ^2/NDF : 1149744.3/20

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -193.961+/-1017.009 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.202+/-964.466 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

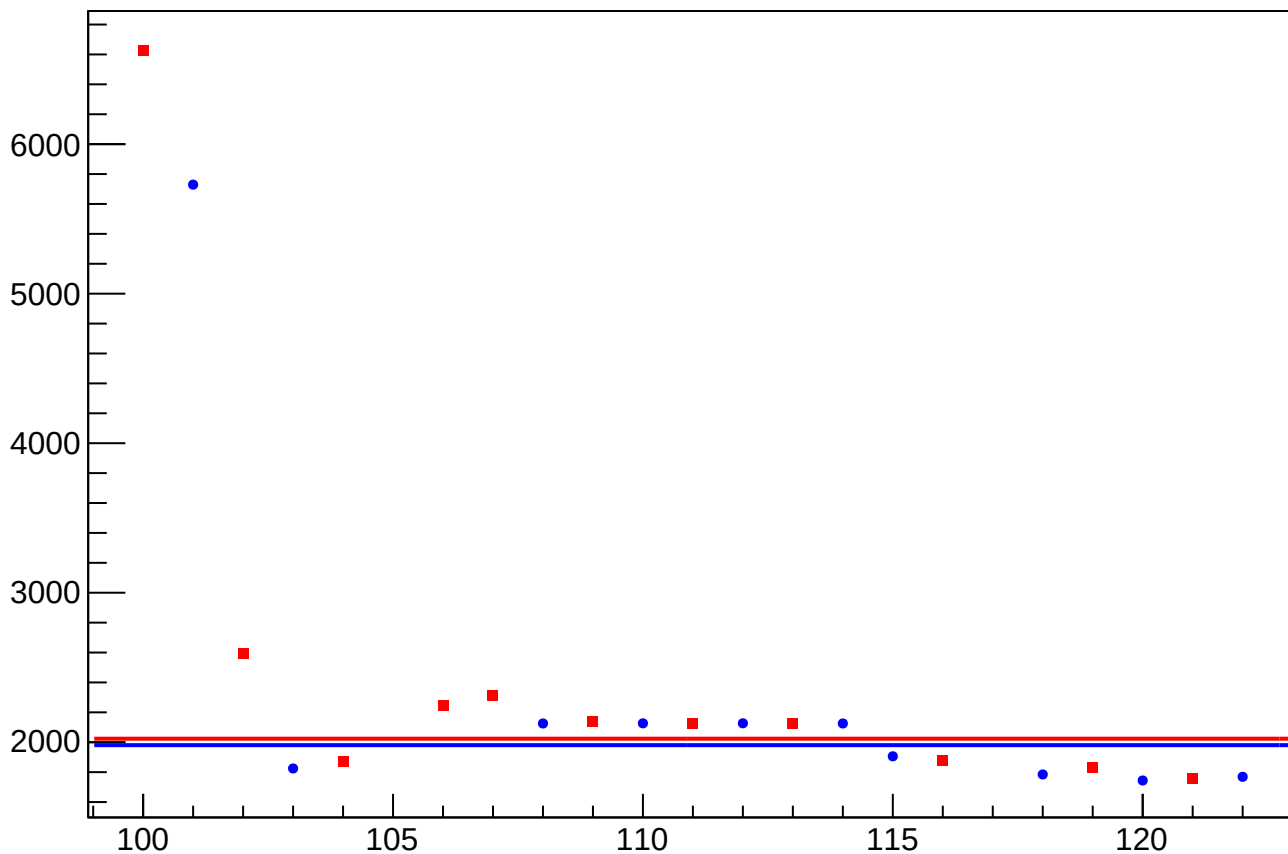
Right: 729.077+/-699.819 χ^2/NDF : 17.2/20

In: -193.961+/-1017.009 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.077+/-699.819 χ^2/NDF : 17.2/20

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1980.598+/-0.719 χ^2/NDF : 621509.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2023.775+/-0.682 χ^2/NDF : 183432.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

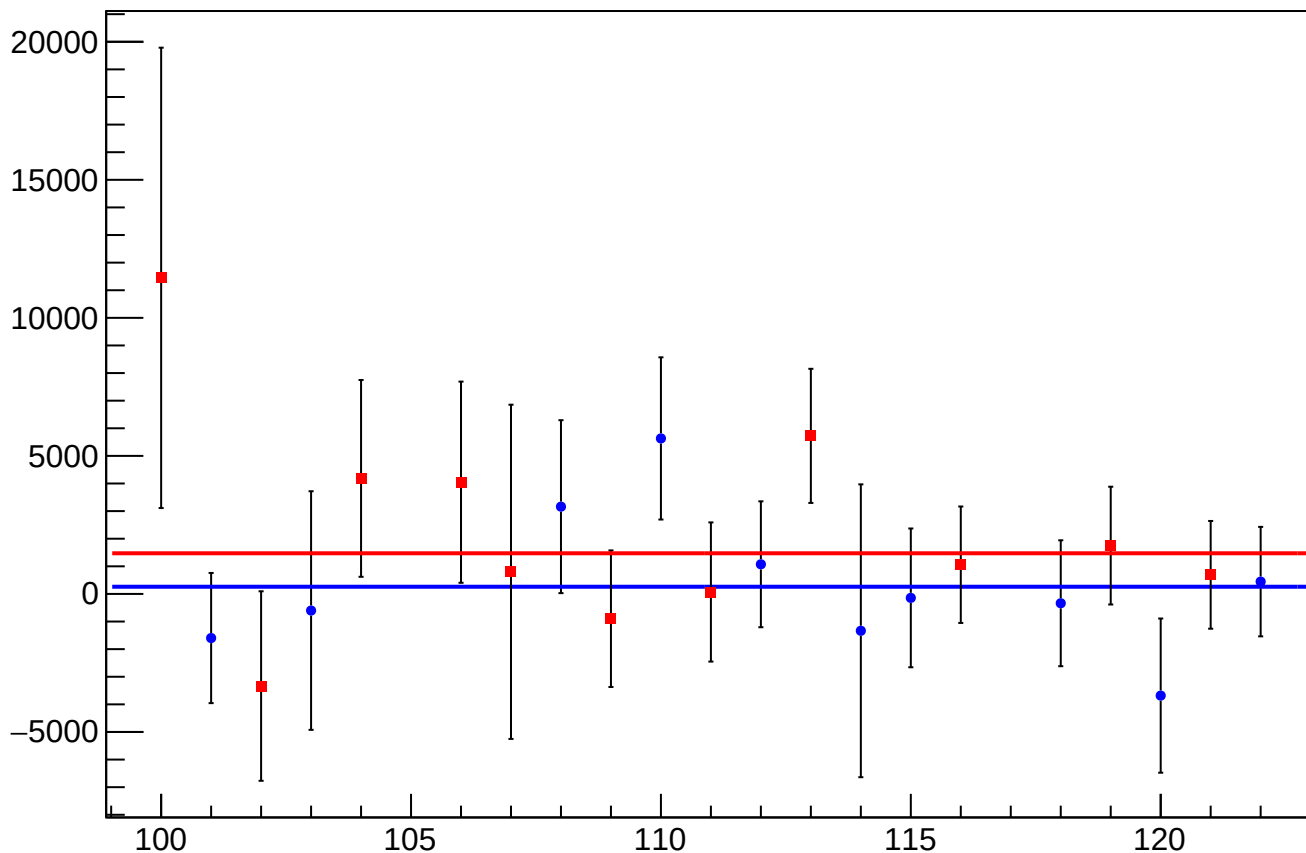
Right: 2003.331+/-0.495 χ^2/NDF : 806839.3/20

In: 1980.598+/-0.719 χ^2/NDF : 621509.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.331+/-0.495 χ^2/NDF : 806839.3/20

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 260.401+/-841.469 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1472.417+/-822.465 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

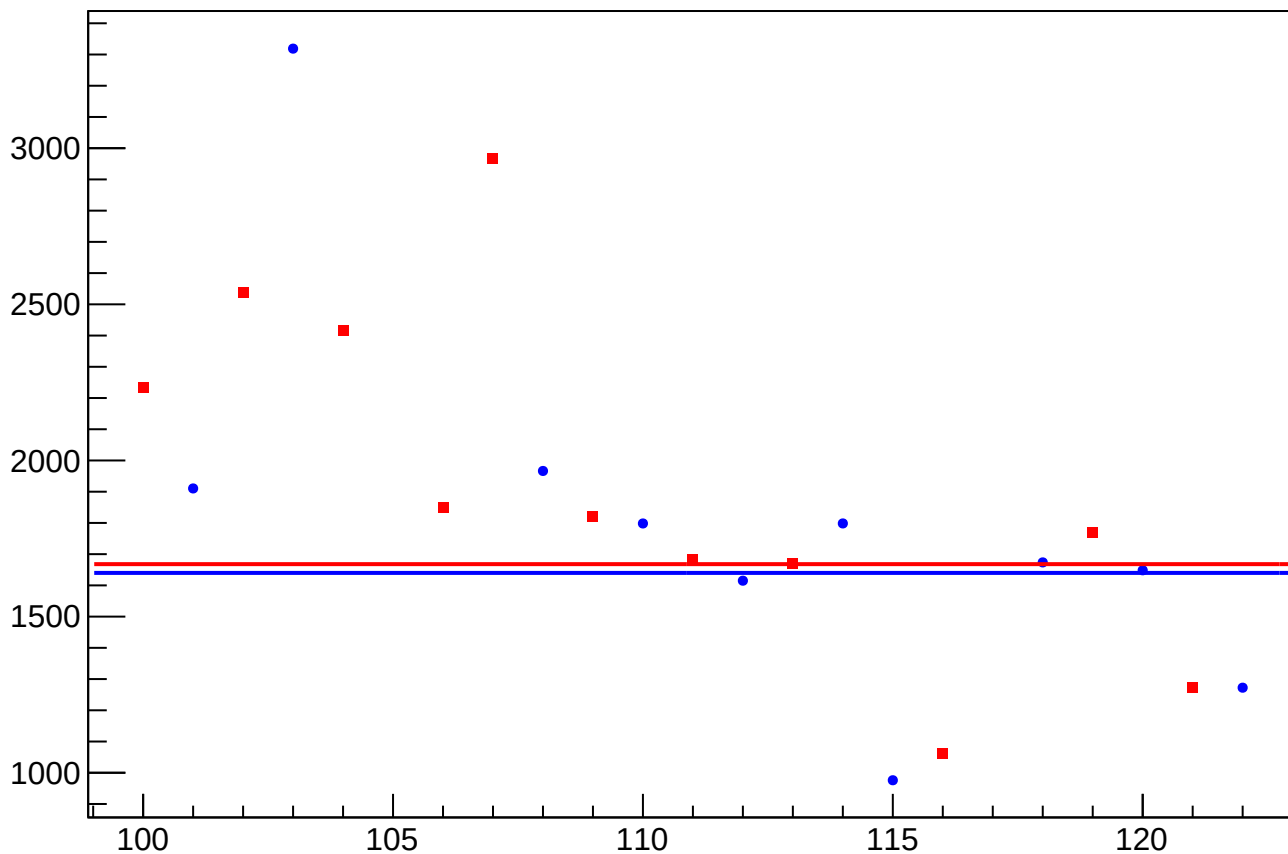
Right: 880.250+/-588.174 χ^2/NDF : 17.2/20

In: 260.401+/-841.469 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.250+/-588.174 χ^2/NDF : 17.2/20

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1639.950+/-0.595 χ^2/NDF : 566488.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1668.025+/-0.582 χ^2/NDF : 582117.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

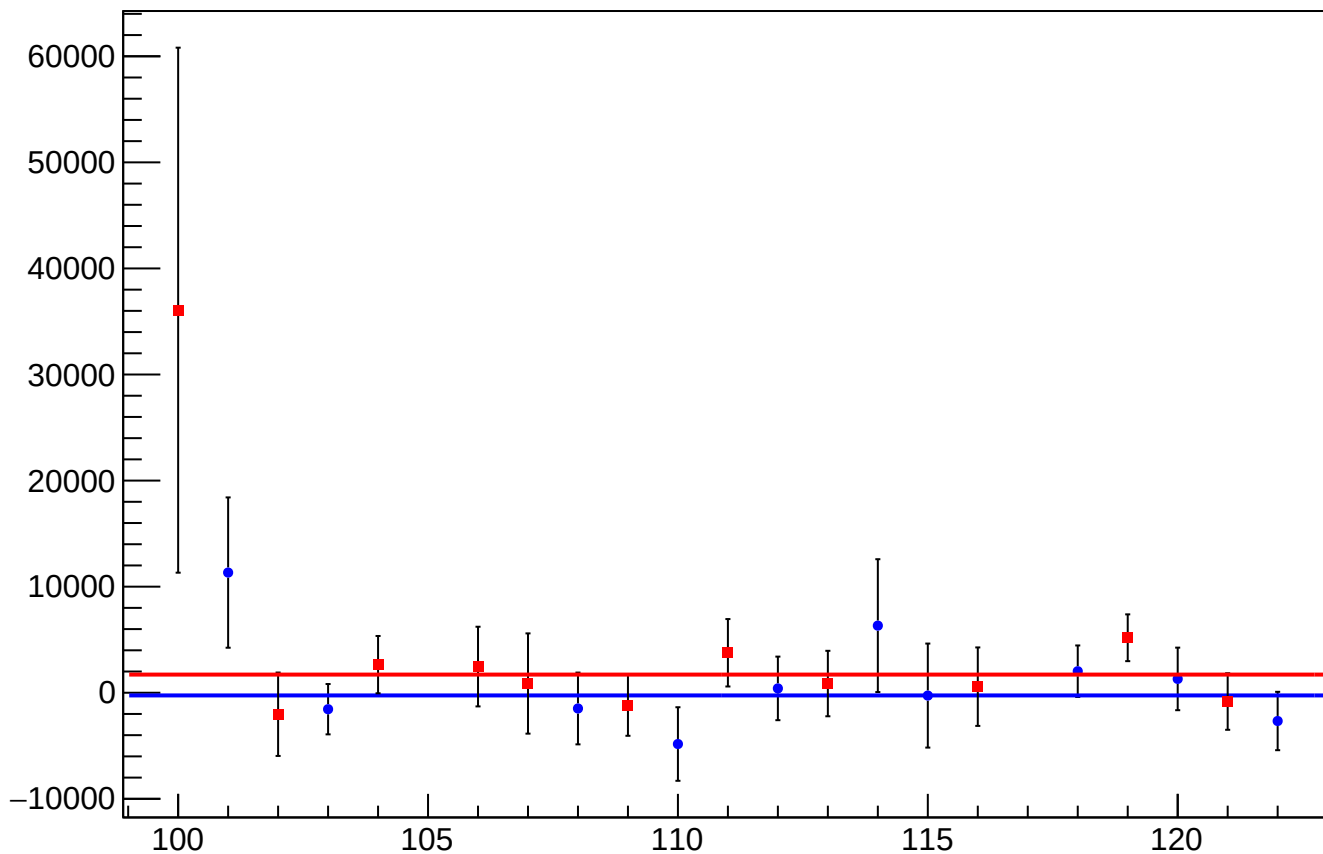
Right: 1654.308+/-0.416 χ^2/NDF : 1149744.3/20

In: 1639.950+/-0.595 χ^2/NDF : 566488.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.308+/-0.416 χ^2/NDF : 1149744.3/20

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -253.305+/-1018.938 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1711.166+/-969.967 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

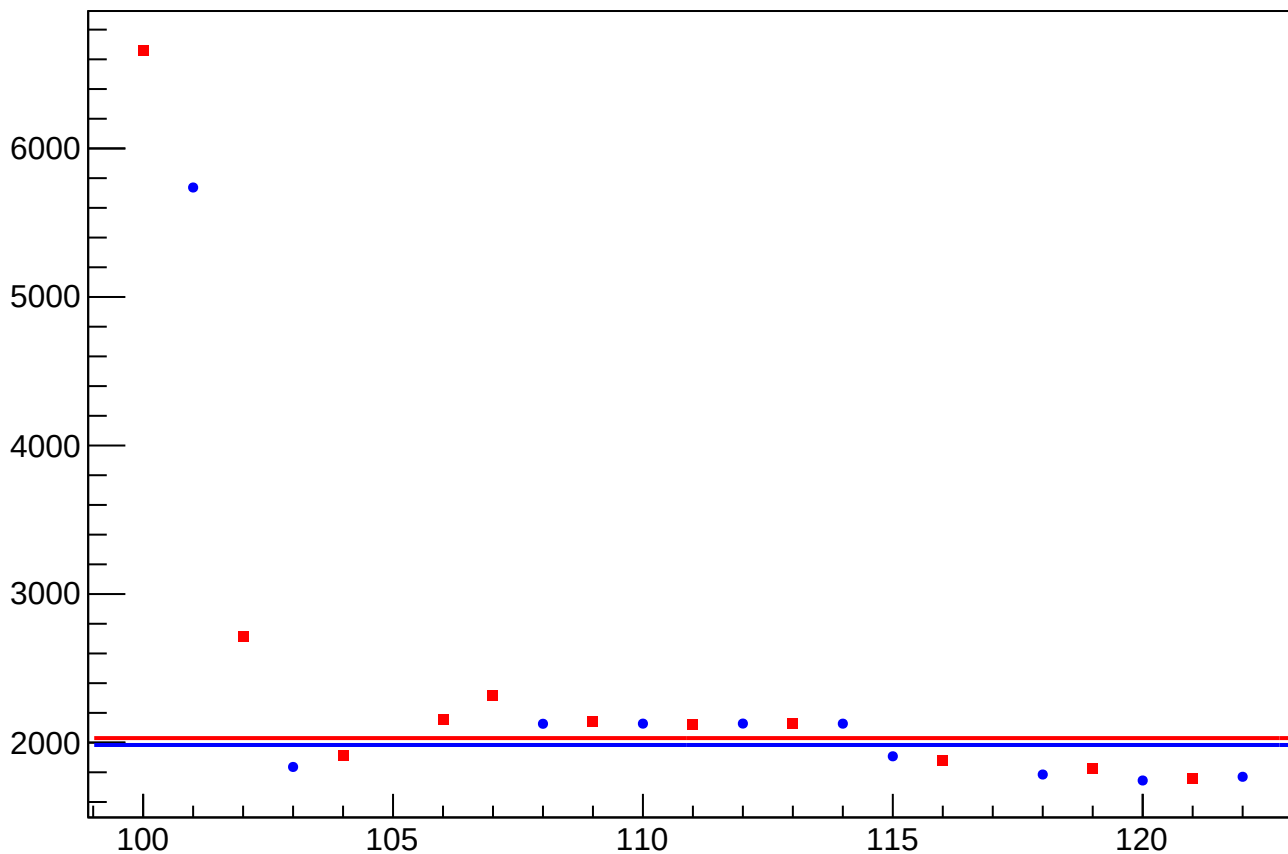
Right: 777.270+/-702.545 χ^2/NDF : 17.9/20

In: -253.305+/-1018.938 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.270+/-702.545 χ^2/NDF : 17.9/20

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1983.871+/-0.720 χ^2/NDF : 620870.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.278+/-0.686 χ^2/NDF : 190670.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

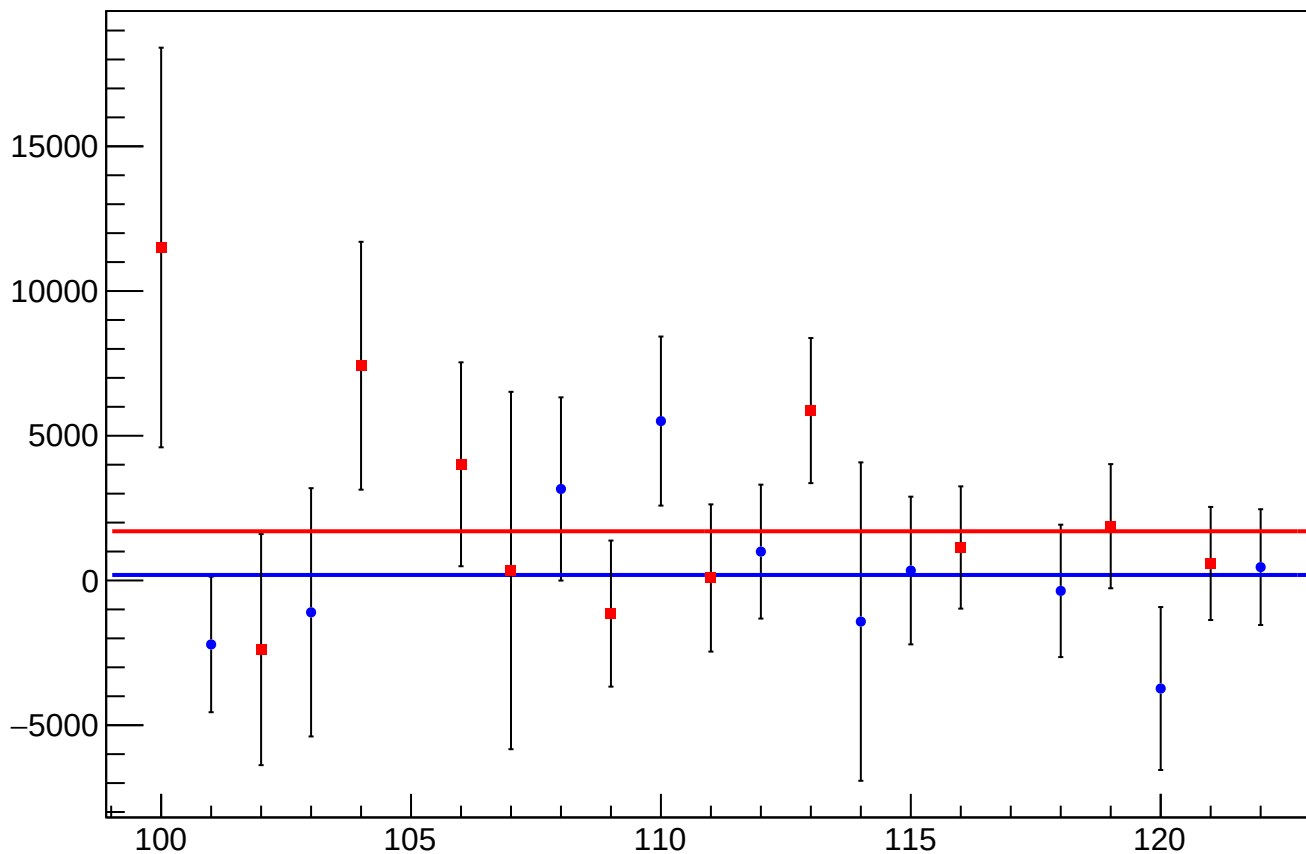
Right: 2008.217+/-0.497 χ^2/NDF : 813717.6/20

In: 1983.871+/-0.720 χ^2/NDF : 620870.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2008.217+/-0.497 χ^2/NDF : 813717.6/20

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 190.393+/-846.729 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1700.192+/-839.308 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

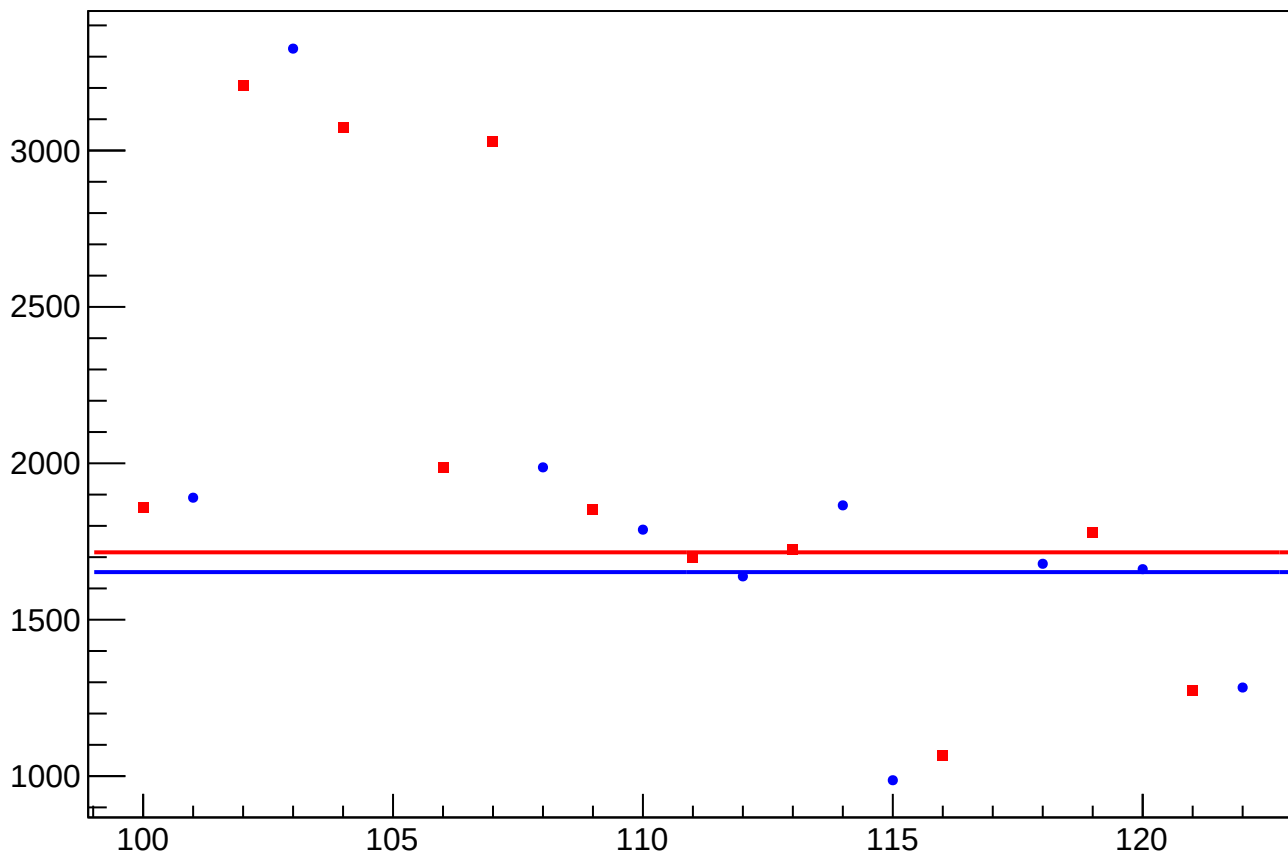
Right: 951.937+/-596.087 χ^2/NDF : 19.3/20

In: 190.393+/-846.729 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.937+/-596.087 χ^2/NDF : 19.3/20

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1652.209+/-0.599 χ^2/NDF : 559322.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1715.434+/-0.593 χ^2/NDF : 883504.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

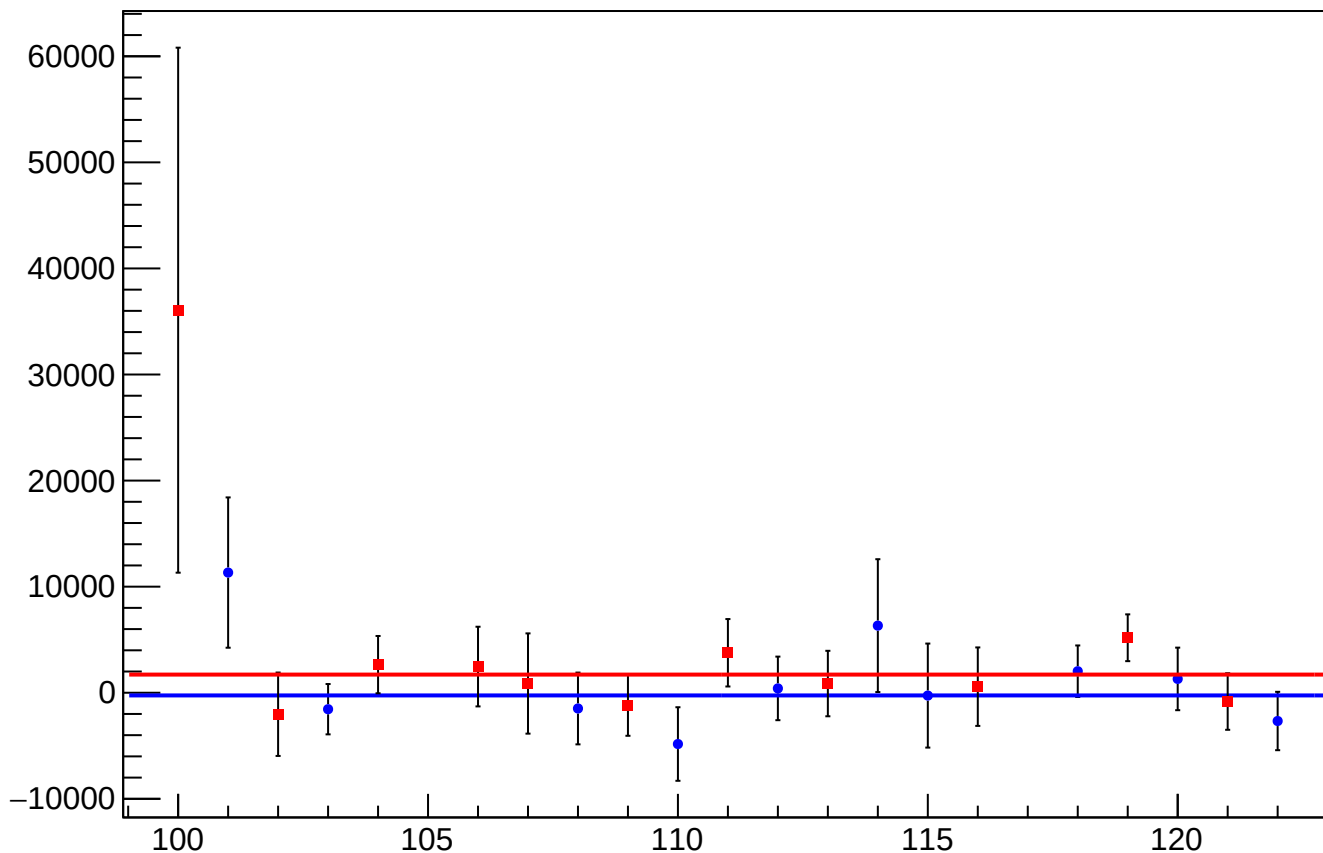
Right: 1684.100+/-0.421 χ^2/NDF : 1448451.9/20

In: 1652.209+/-0.599 χ^2/NDF :559322.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1684.100+/-0.421 χ^2/NDF : 1448451.9/20

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -253.303+/-1018.938 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1711.164+/-969.967 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

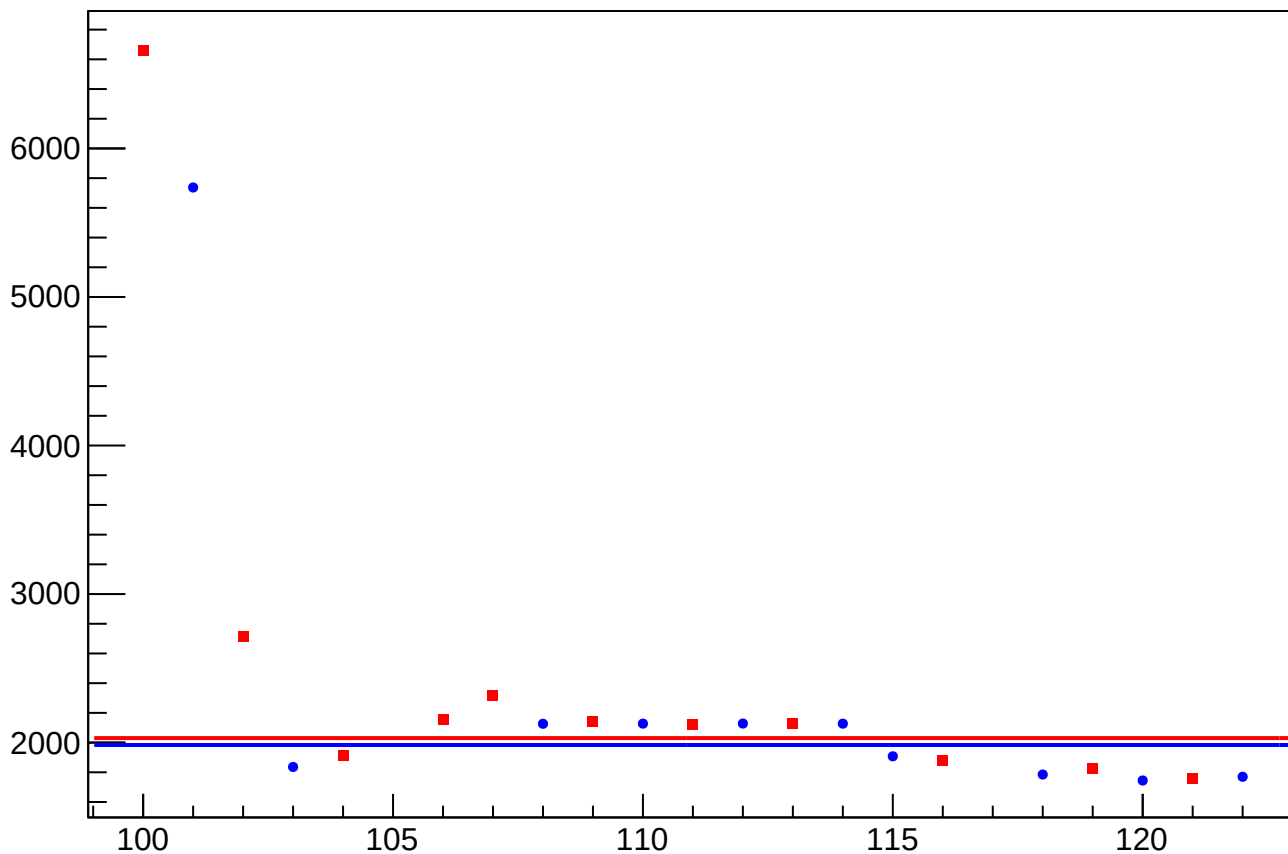
Right: 777.270+/-702.545 χ^2/NDF : 17.9/20

In: -253.303+/-1018.938 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.270+/-702.545 χ^2/NDF : 17.9/20

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1983.871+/-0.720 χ^2/NDF : 620870.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2030.278+/-0.686 χ^2/NDF : 190670.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

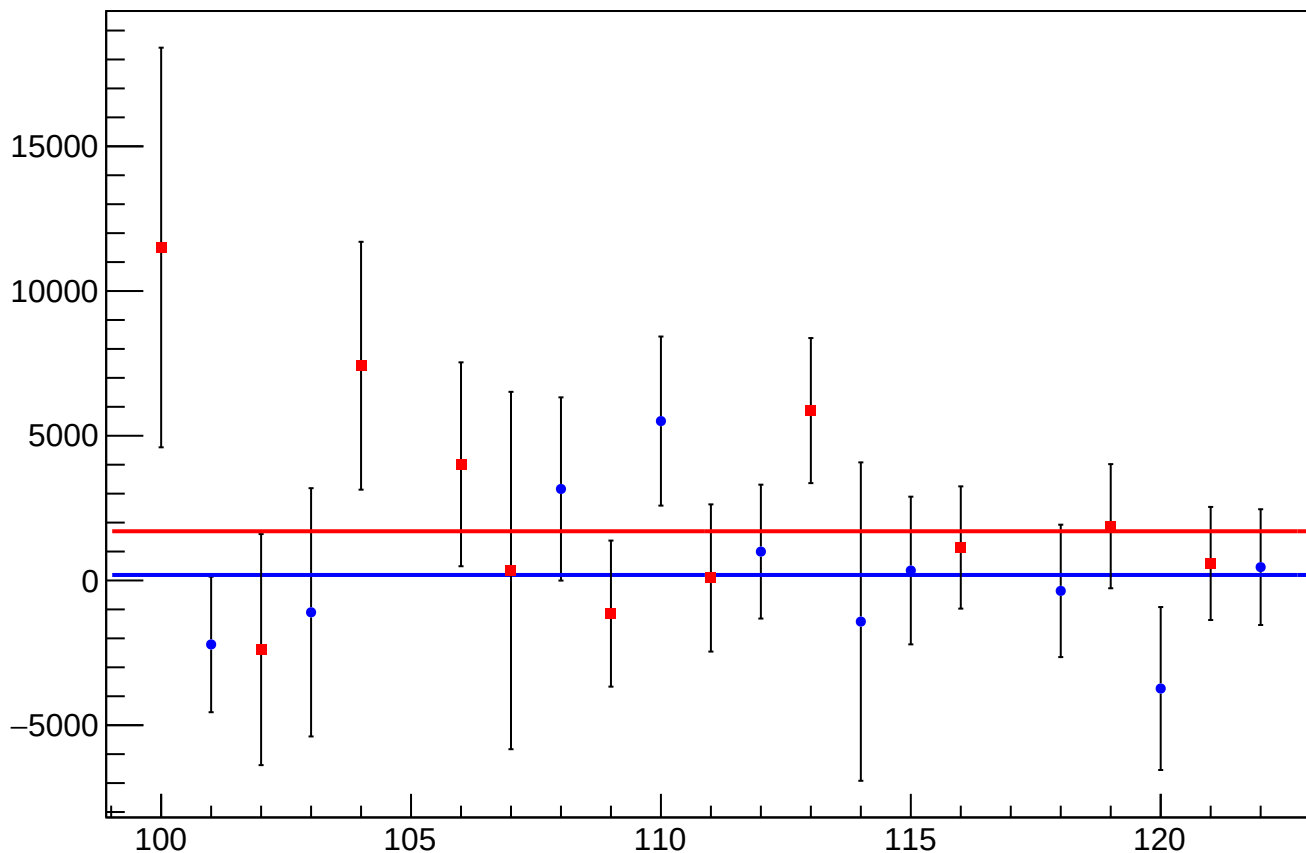
Right: 2008.216+/-0.497 χ^2/NDF : 813717.5/20

In: 1983.871+/-0.720 χ^2/NDF :620870.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2008.216+/-0.497 χ^2/NDF : 813717.5/20

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 190.394+/-846.727 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1700.187+/-839.307 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

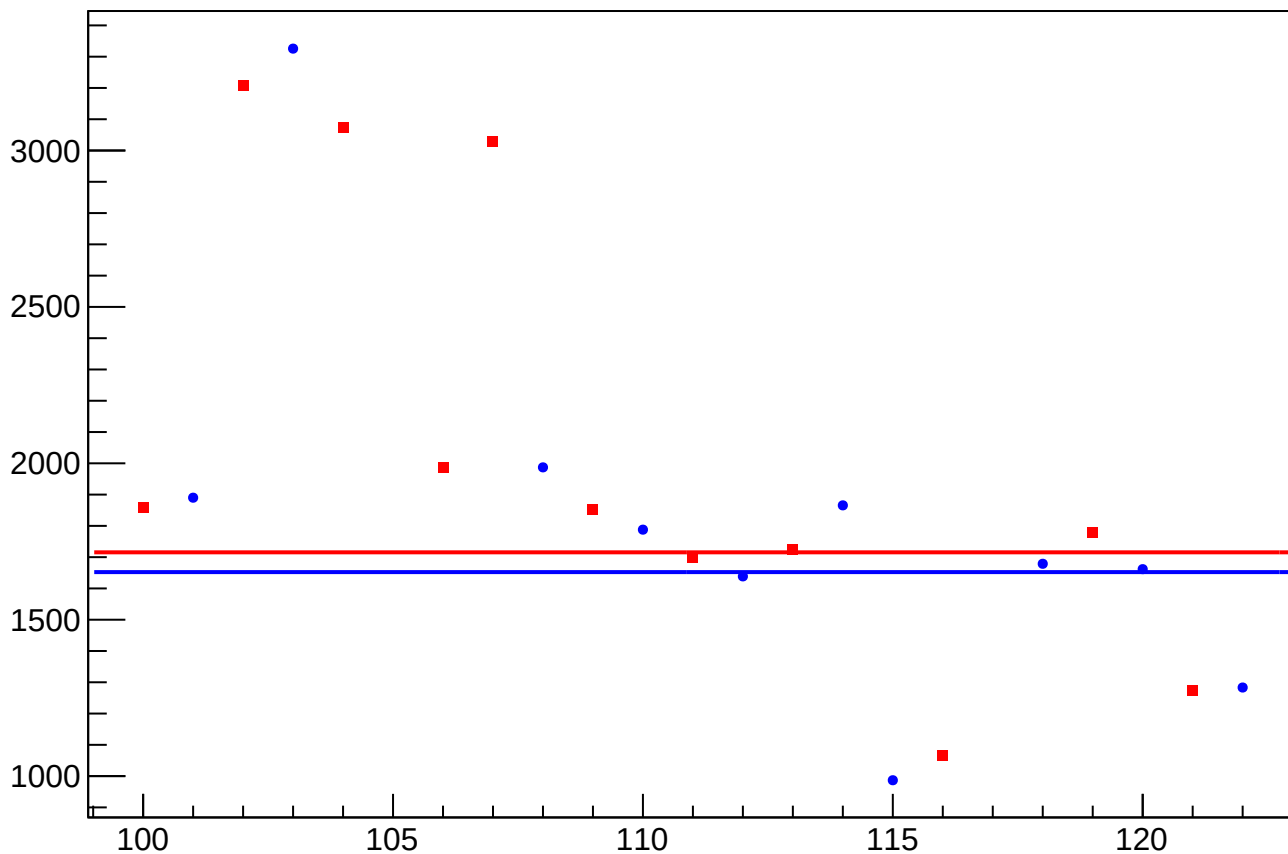
Right: 951.935+/-596.086 χ^2/NDF : 19.3/20

In: 190.394+/-846.727 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.935+/-596.086 χ^2/NDF : 19.3/20

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1652.205+/-0.599 χ^2/NDF : 559326.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.430+/-0.593 χ^2/NDF : 883510.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

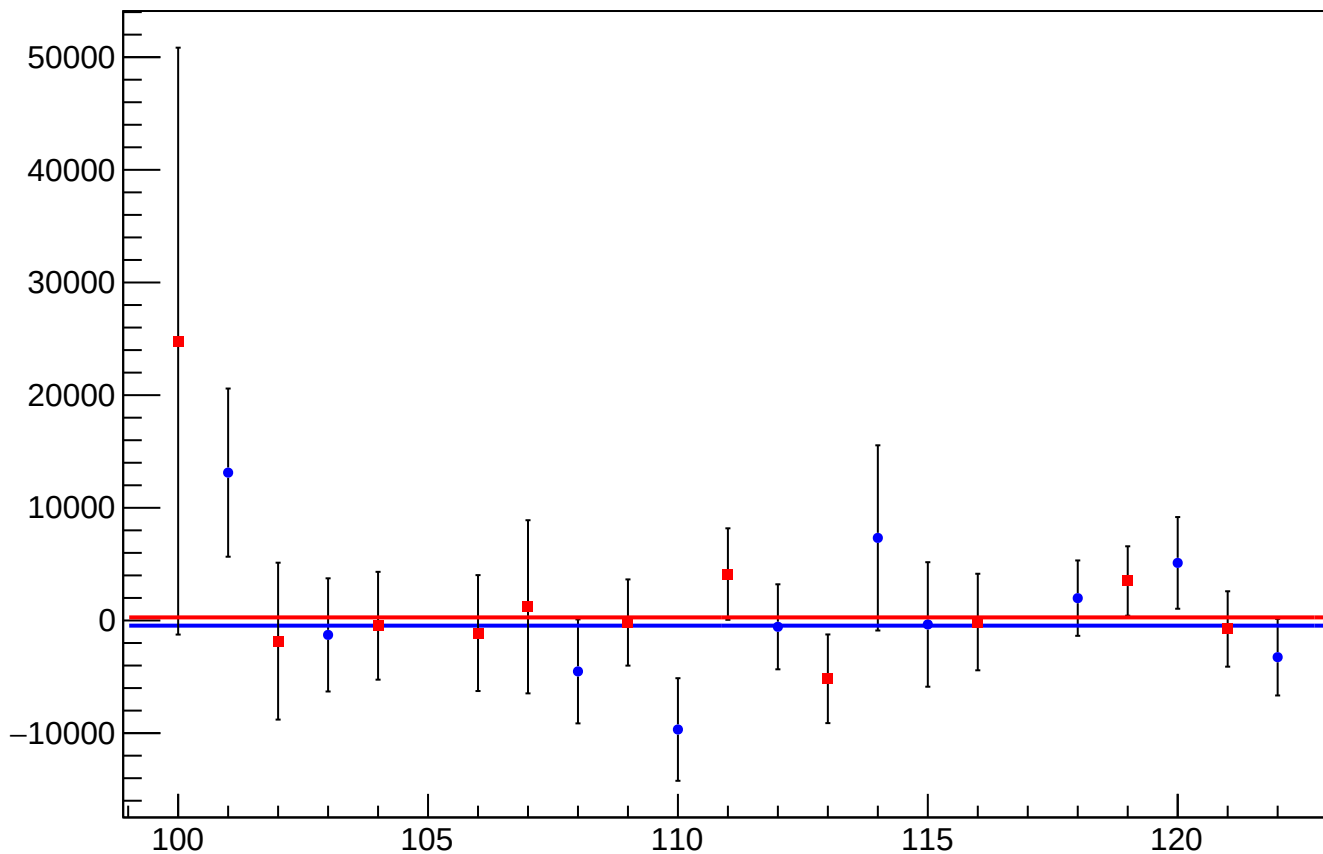
Right: 1684.096+/-0.421 χ^2/NDF : 1448461.3/20

In: 1652.205+/-0.599 χ^2/NDF : 559326.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.096+/-0.421 χ^2/NDF : 1448461.3/20

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -459.083+/-1404.729 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.024+/-1332.658 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

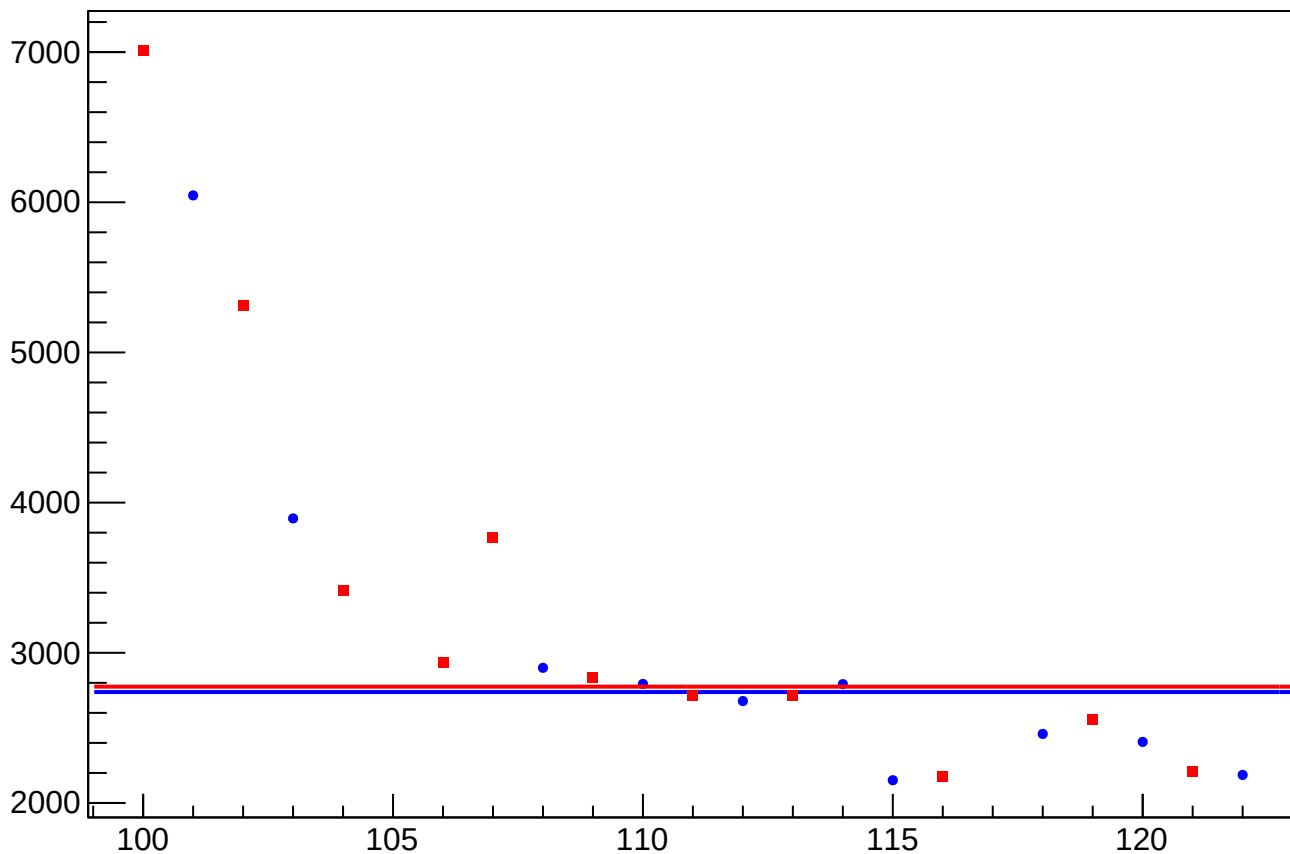
Right: -73.241+/-966.807 χ^2/NDF : 17.5/20

In: -459.083+/-1404.729 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.241+/-966.807 χ^2/NDF : 17.5/20

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2738.665+/-0.993 χ^2/NDF : 604329.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2774.608+/-0.942 χ^2/NDF : 496879.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

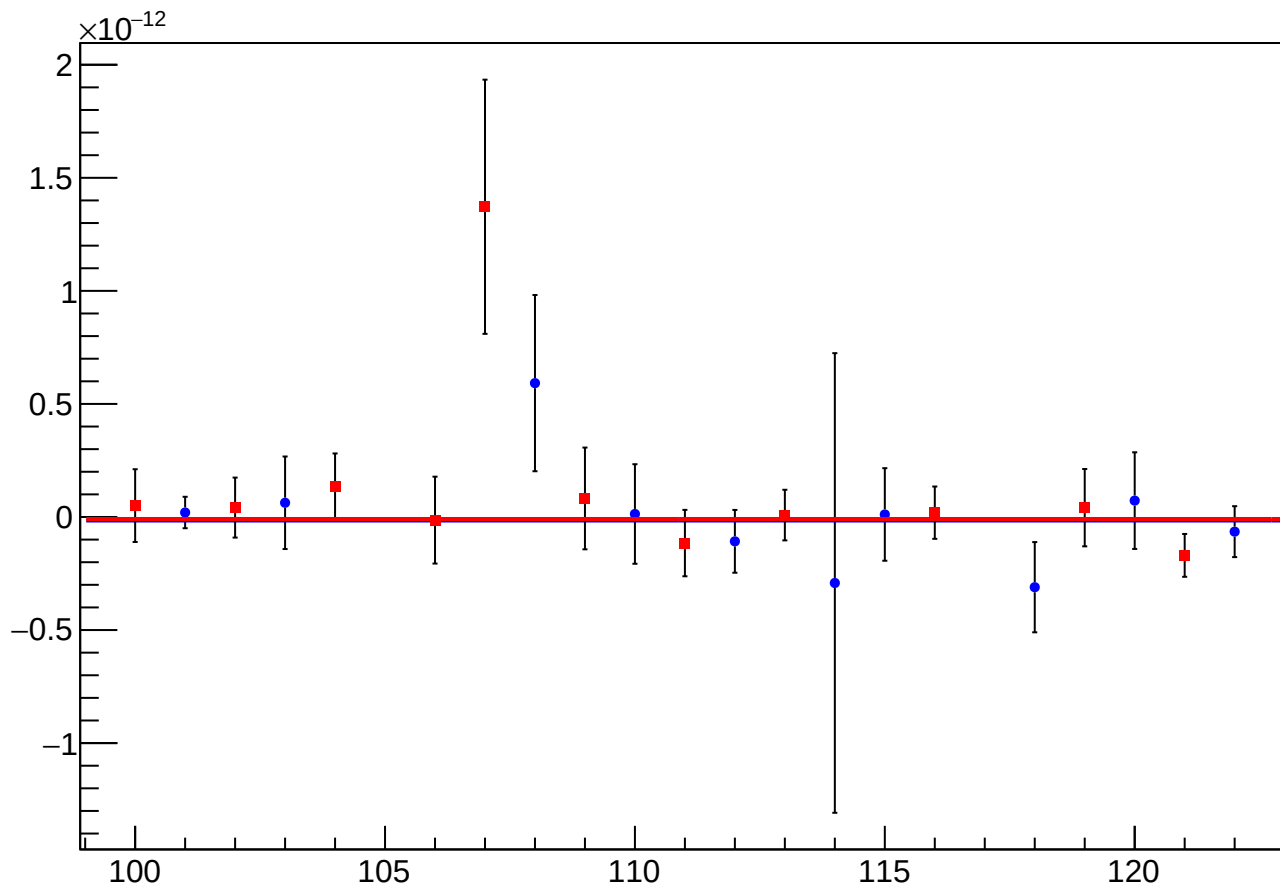
Right: 2757.582+/-0.684 χ^2/NDF : 1101897.7/20

In: 2738.665+/-0.993 χ^2/NDF :604329.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2757.582+/-0.684 χ^2/NDF : 1101897.7/20

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.9/9

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

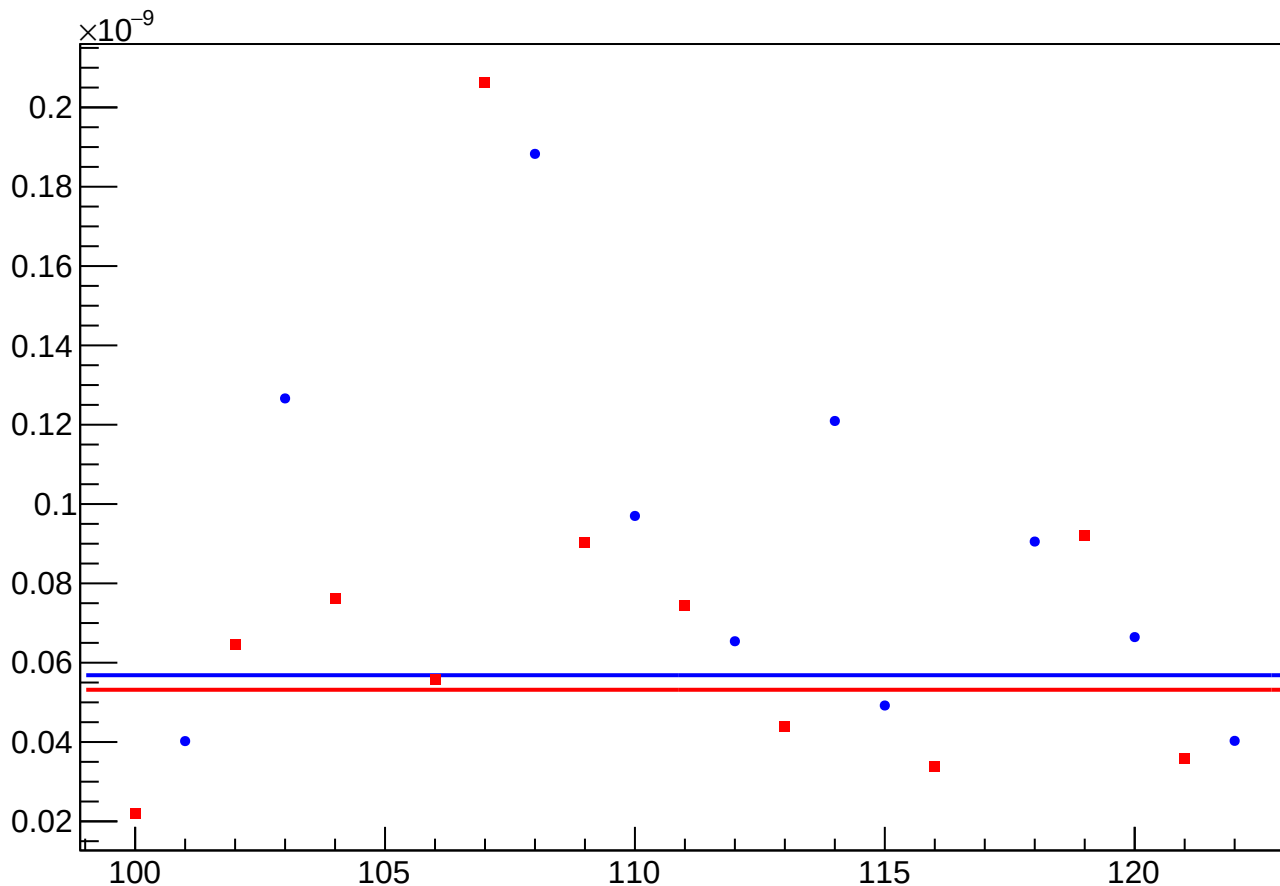
Right: -0.000+/-0.000 χ^2 /NDF: 16.9/20

In: -0.000+/-0.000 χ^2 /NDF:5.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.9/20

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 763688.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 623194.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

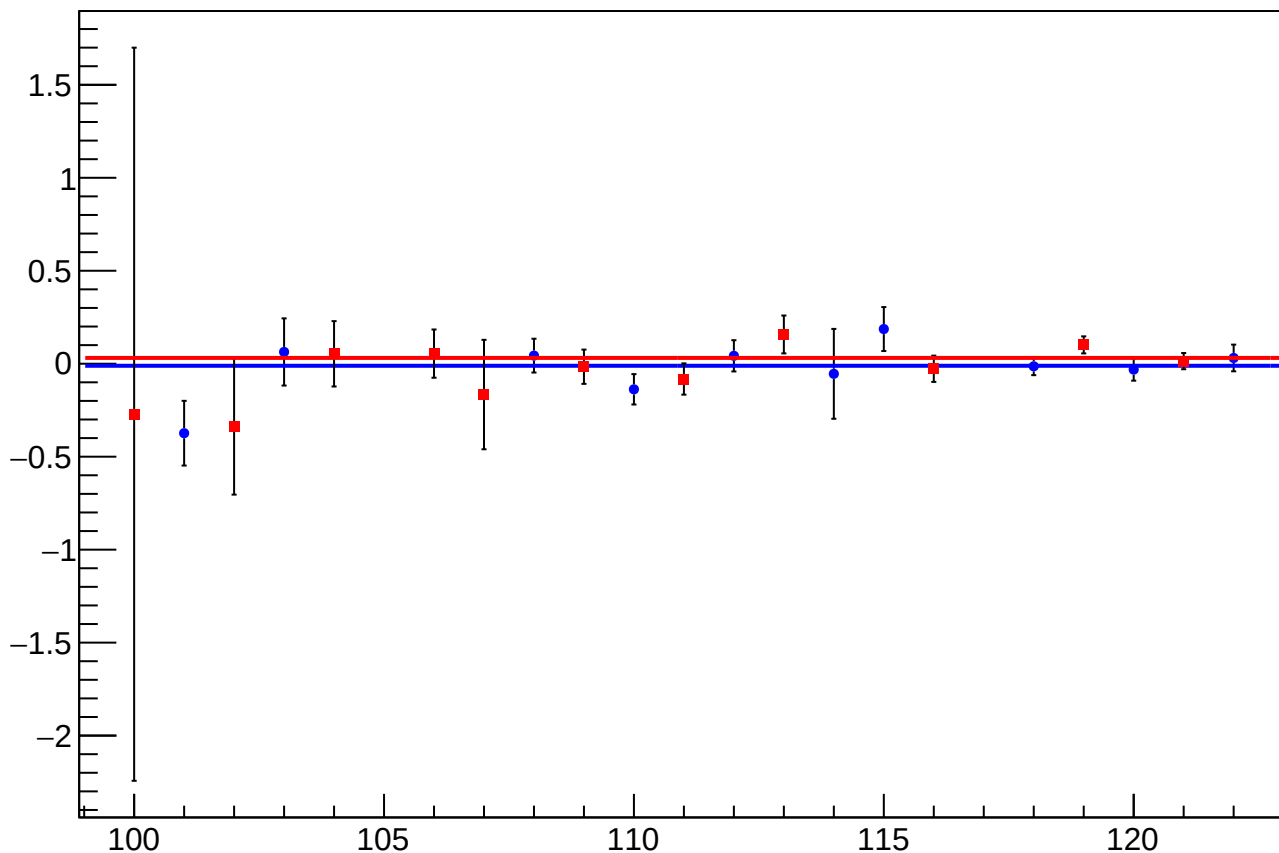
Right: 0.000+/-0.000 χ^2/NDF : 1393568.4/20

In: 0.000+/-0.000 χ^2/NDF : 763688.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1393568.4/20

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.026 χ^2 /NDF: 11.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.024 χ^2 /NDF: 8.3/10

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

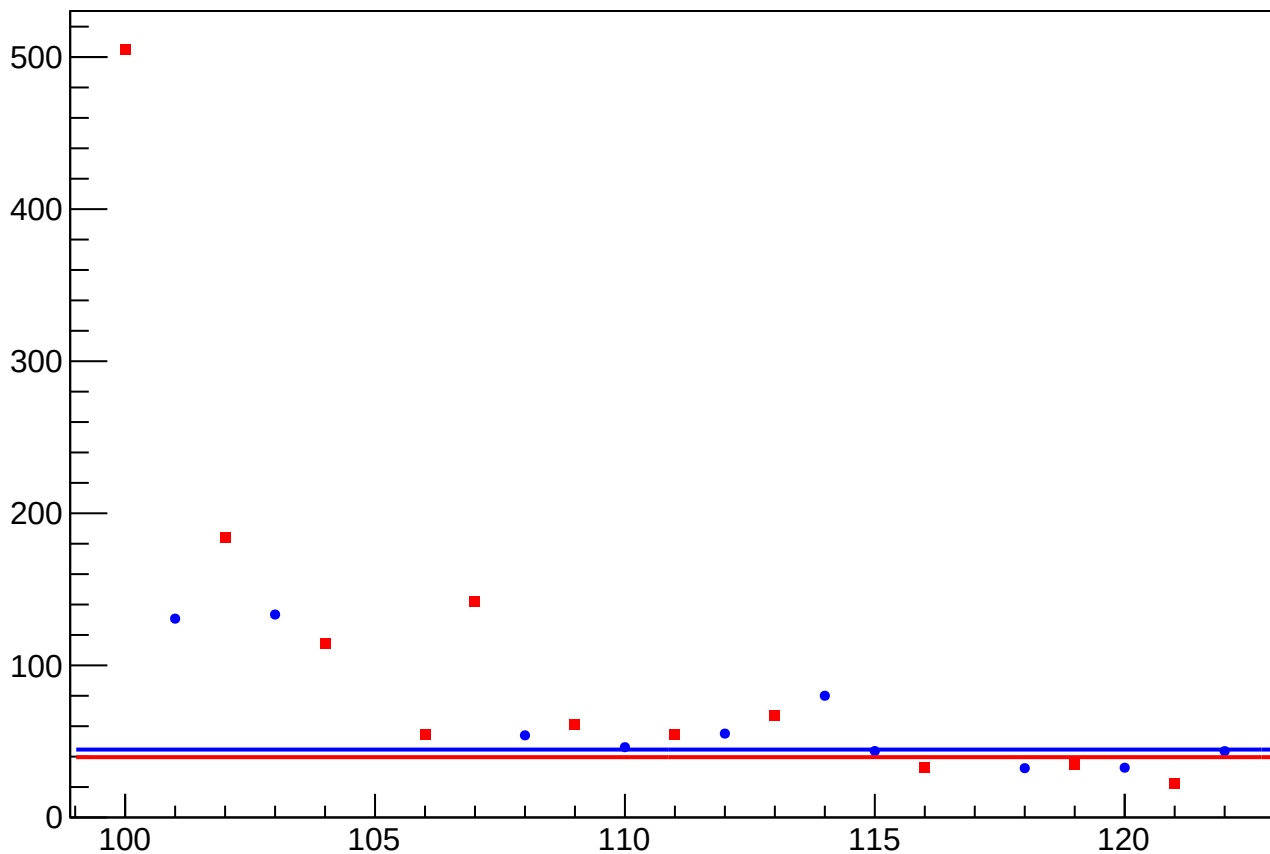
Right: 0.011 $\pm$ 0.018 χ^2 /NDF: 20.7/20

In: -0.011 $\pm$ 0.026 χ^2 /NDF:11.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.018 χ^2 /NDF: 20.7/20

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.640+/-0.018 χ^2/NDF : 1281410.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.648+/-0.017 χ^2/NDF : 1737928.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

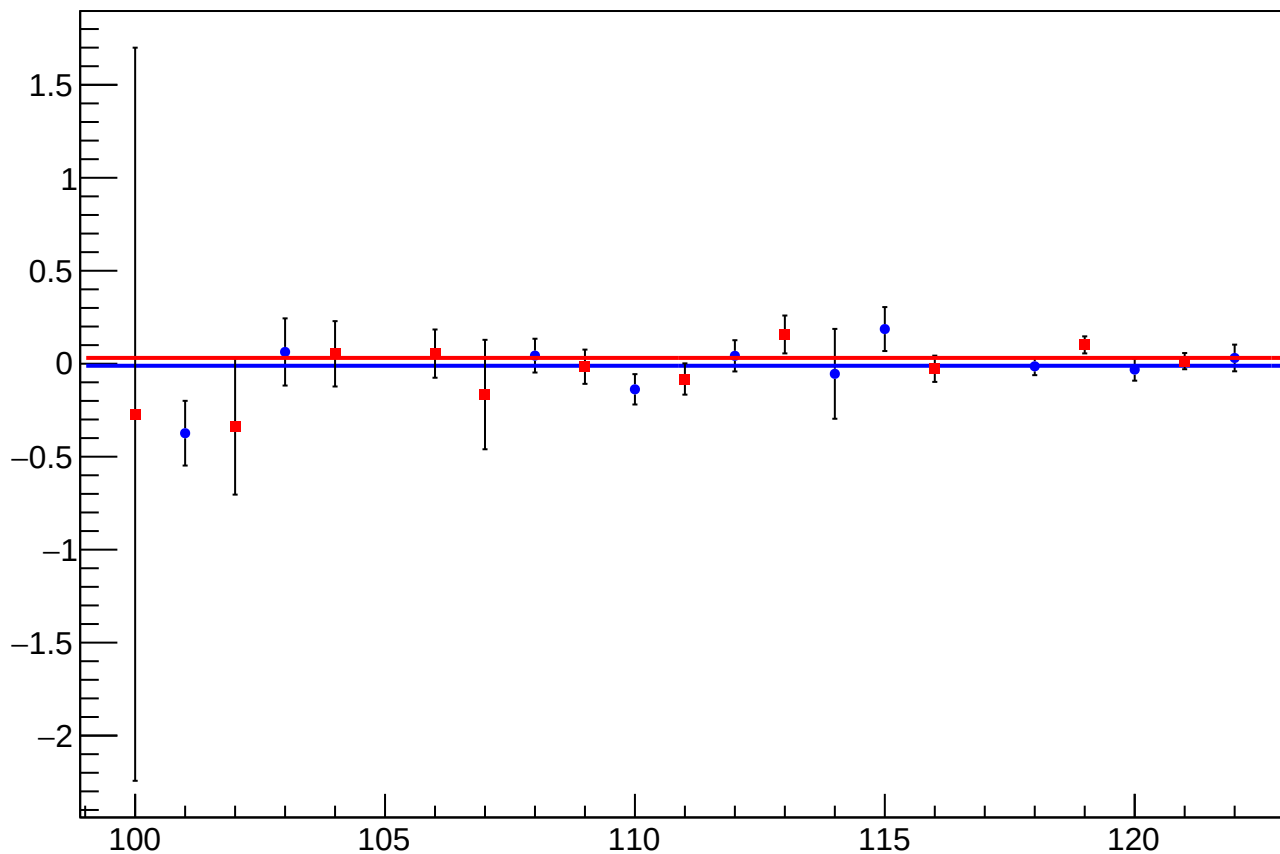
Right: 41.996+/-0.013 χ^2/NDF : 3058475.9/20

In: 44.640+/-0.018 χ^2/NDF : 1281410.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.996+/-0.013 χ^2/NDF : 3058475.9/20

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.026 χ^2 /NDF: 11.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.024 χ^2 /NDF: 8.3/10

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

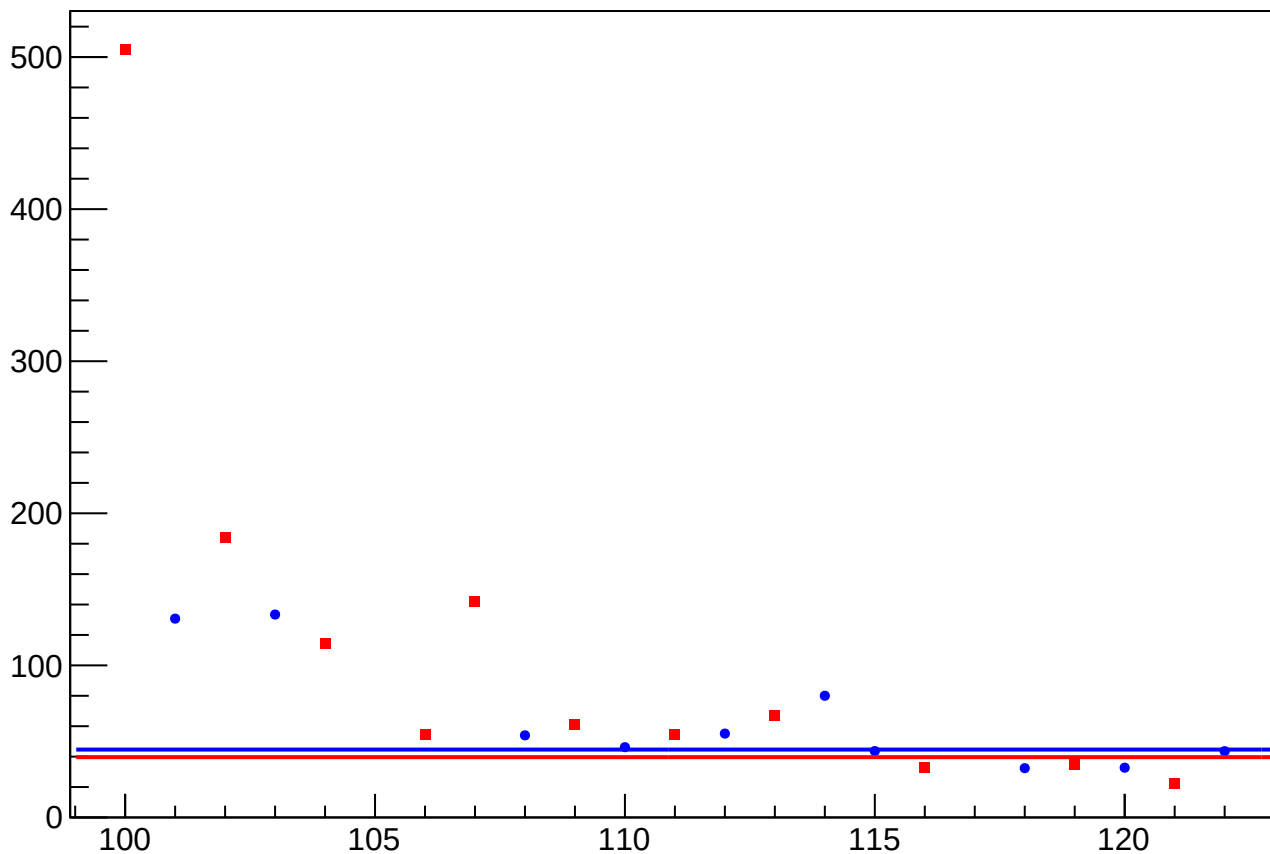
Right: 0.011 $\pm$ 0.018 χ^2 /NDF: 20.7/20

In: -0.011 $\pm$ 0.026 χ^2 /NDF:11.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.018 χ^2 /NDF: 20.7/20

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.640+/-0.018 χ^2/NDF : 1281410.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.648+/-0.017 χ^2/NDF : 1737928.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

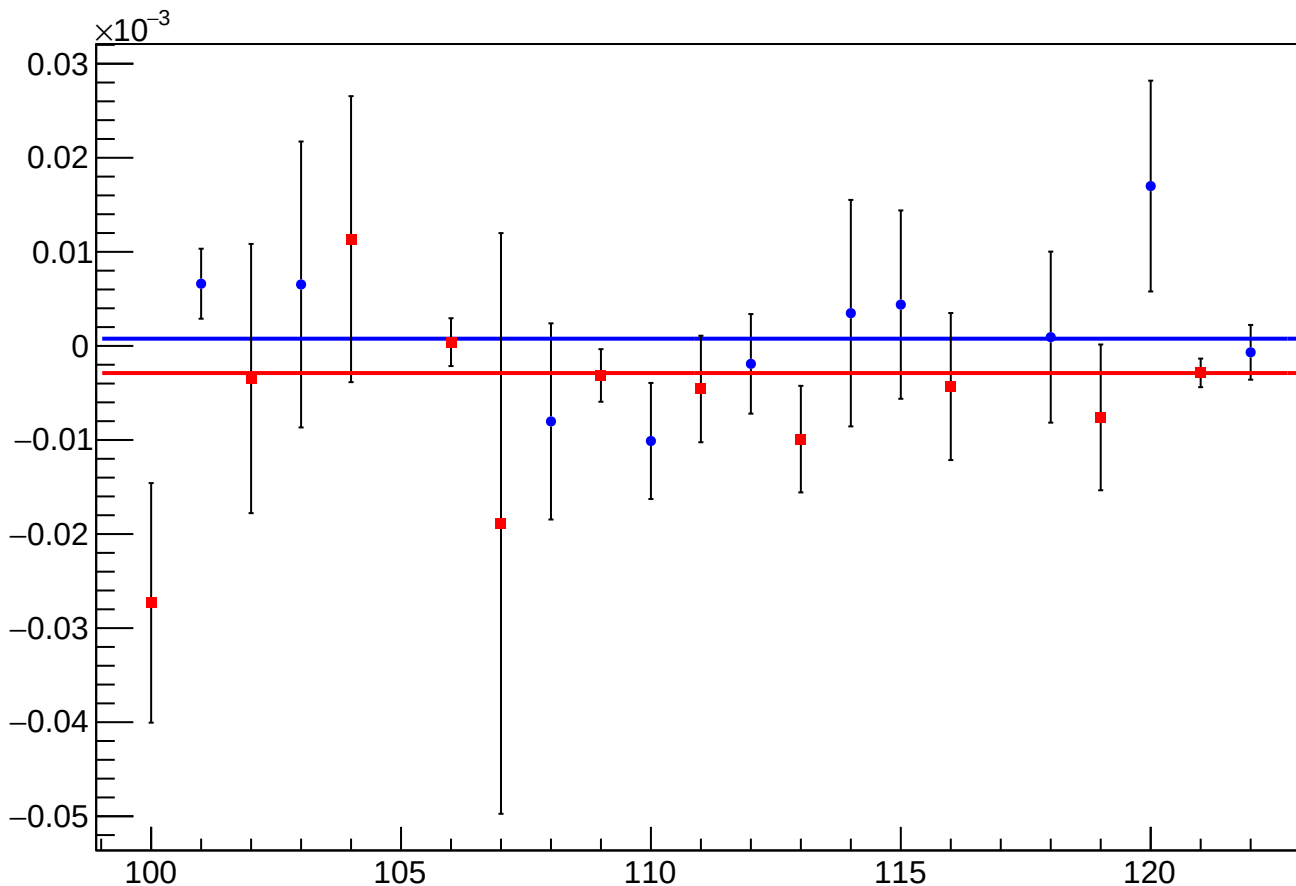
Right: 41.996+/-0.013 χ^2/NDF : 3058475.9/20

In: 44.640+/-0.018 χ^2/NDF : 1281410.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.996+/-0.013 χ^2/NDF : 3058475.9/20

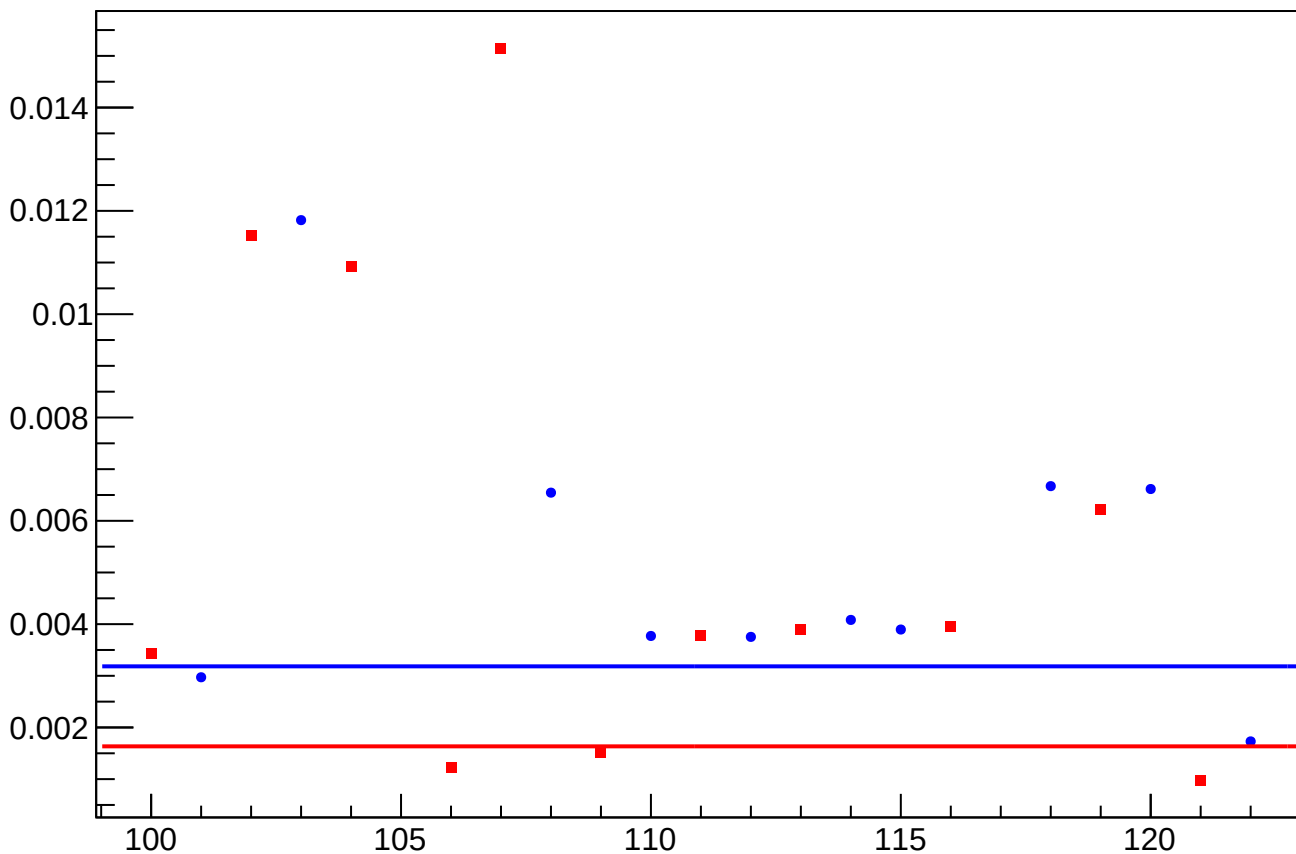
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/9
 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: 20.7/20
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.2/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.7/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1904465.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4042270.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

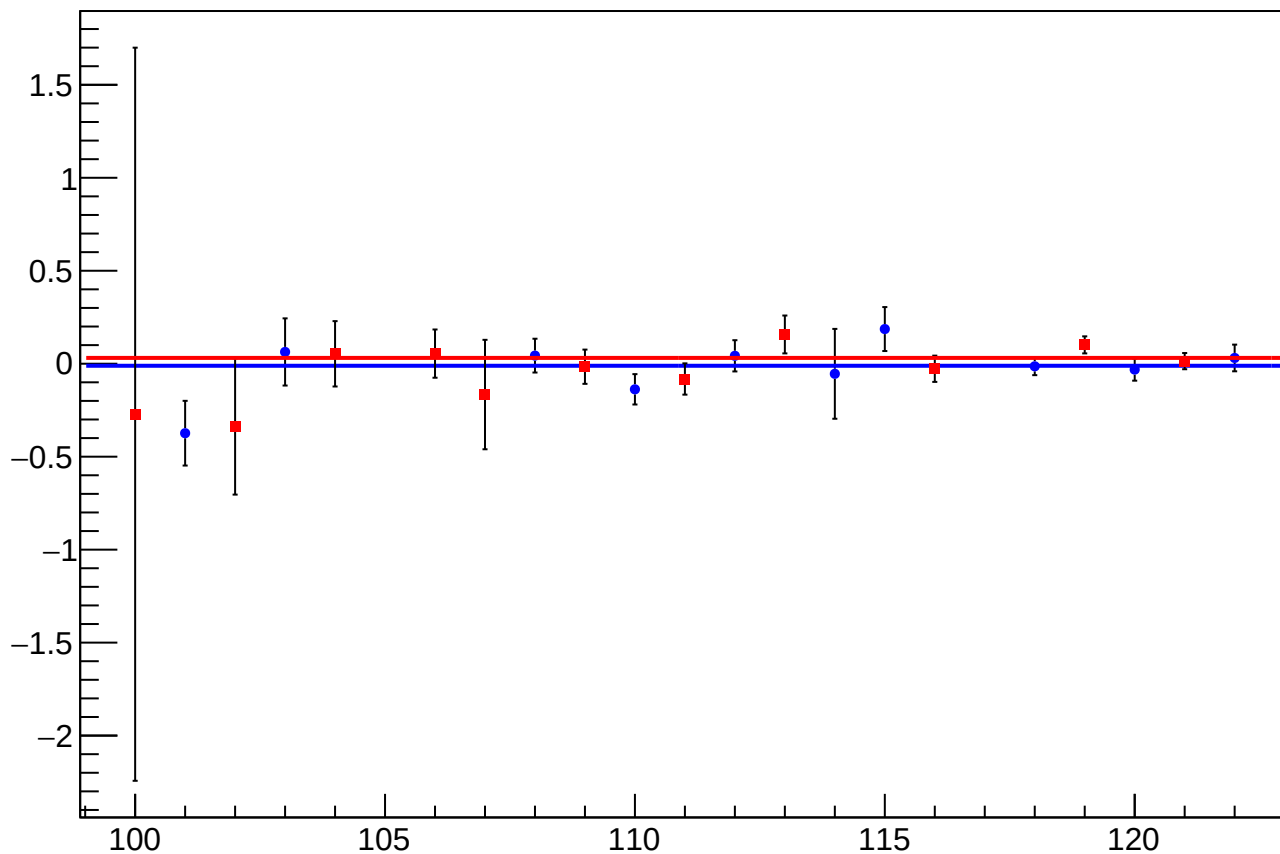
Right: 0.002+/-0.000 χ^2/NDF : 7010426.3/20

In: 0.003+/-0.000 χ^2/NDF :1904465.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7010426.3/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.026 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.024 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

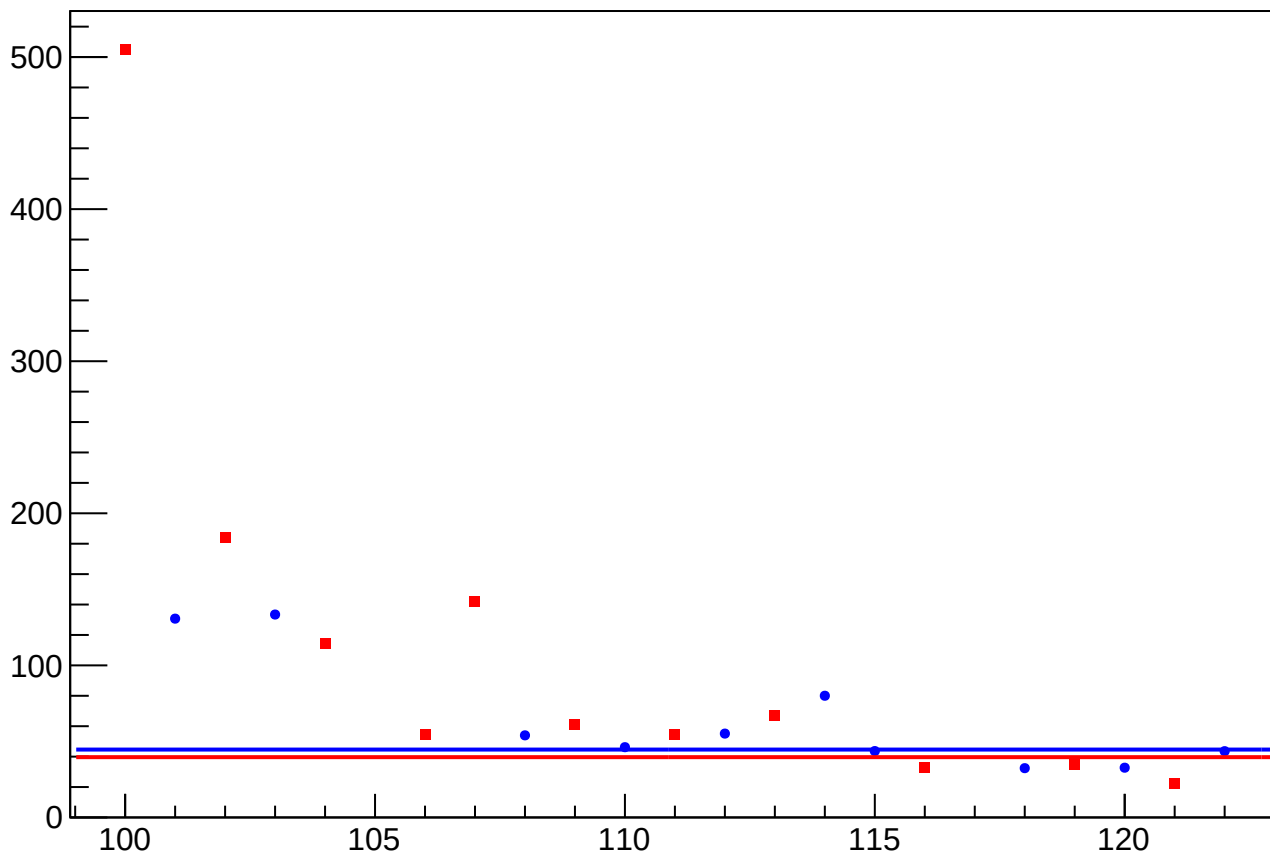
Right: 0.011+/-0.018 χ^2/NDF : 20.7/20

In: -0.011+/-0.026 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.018 χ^2/NDF : 20.7/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.640+/-0.018 χ^2/NDF : 1281309.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.648+/-0.017 χ^2/NDF : 1737849.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

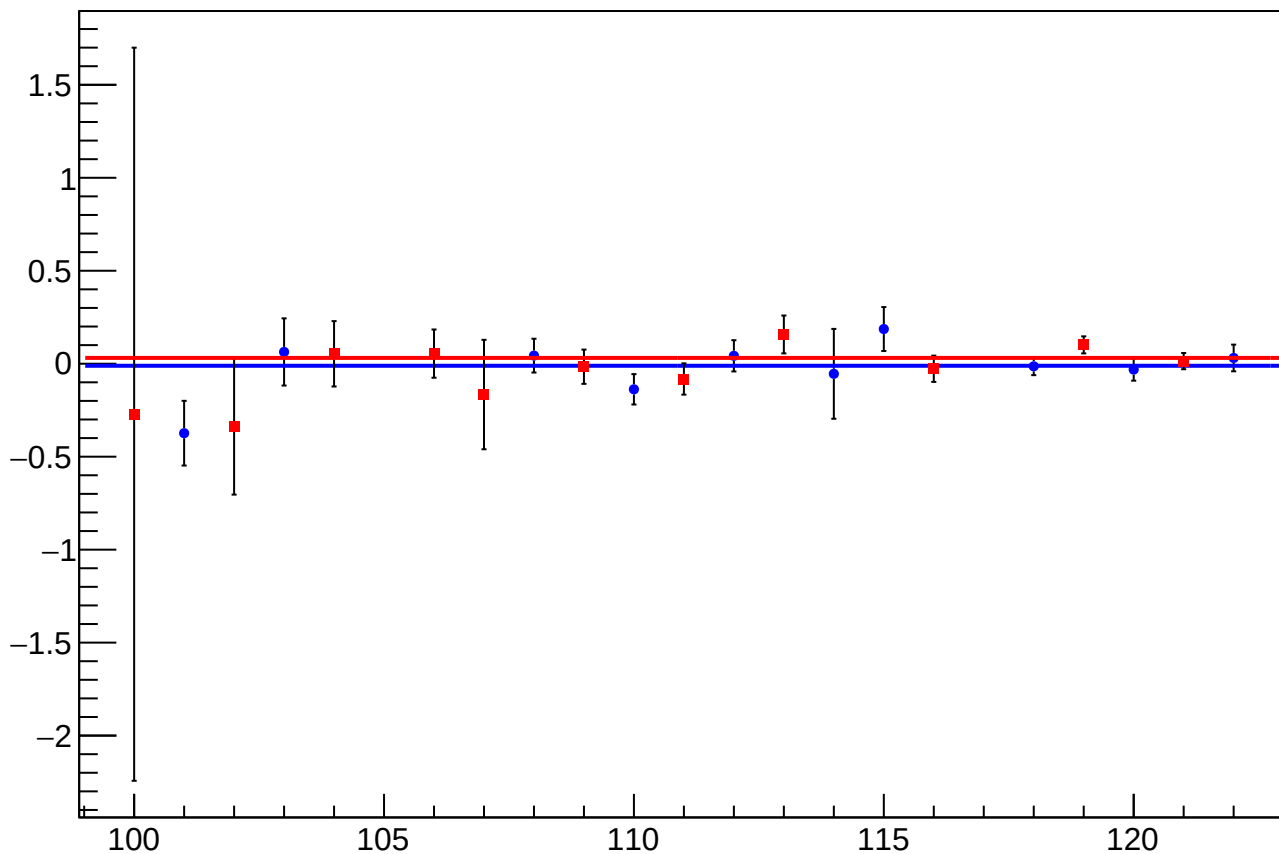
Right: 41.996+/-0.013 χ^2/NDF : 3058307.1/20

In: 44.640+/-0.018 χ^2/NDF : 1281309.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.996+/-0.013 χ^2/NDF : 3058307.1/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.026 χ^2 /NDF: 11.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.024 χ^2 /NDF: 8.3/10

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

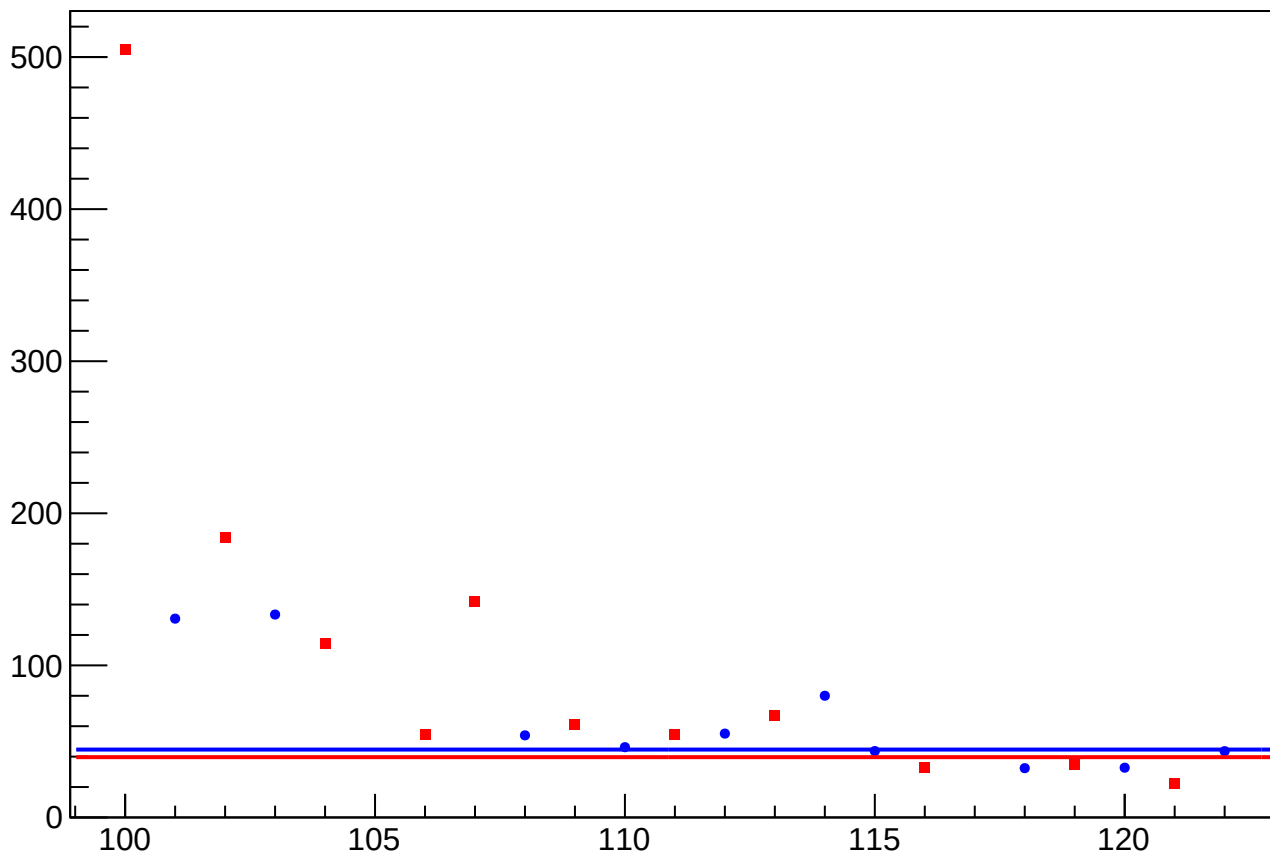
Right: 0.011 $\pm$ 0.018 χ^2 /NDF: 20.7/20

In: -0.011 $\pm$ 0.026 χ^2 /NDF:11.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.018 χ^2 /NDF: 20.7/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.640+/-0.018 χ^2/NDF : 1281309.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.648+/-0.017 χ^2/NDF : 1737849.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

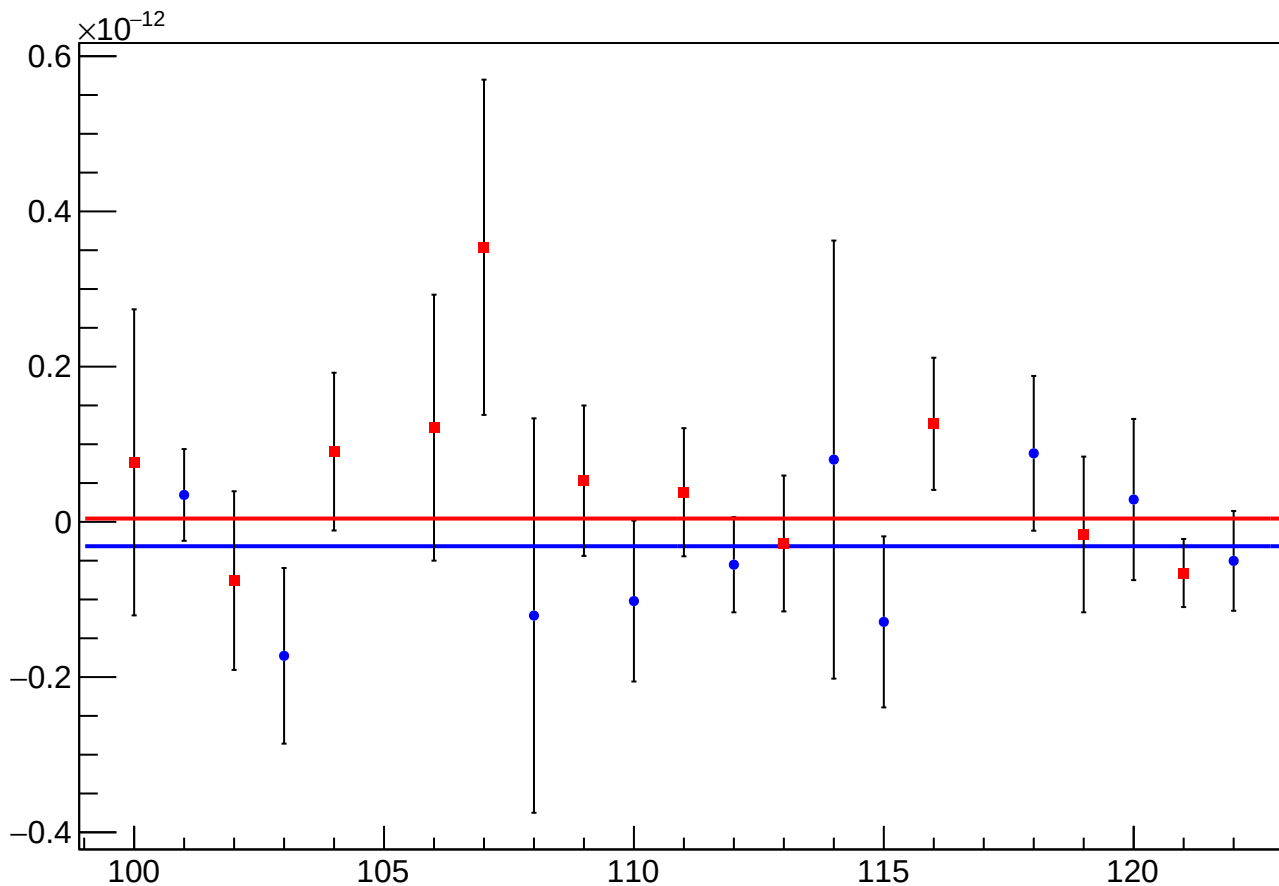
Right: 41.996+/-0.013 χ^2/NDF : 3058307.1/20

In: 44.640+/-0.018 χ^2/NDF : 1281309.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.996+/-0.013 χ^2/NDF : 3058307.1/20

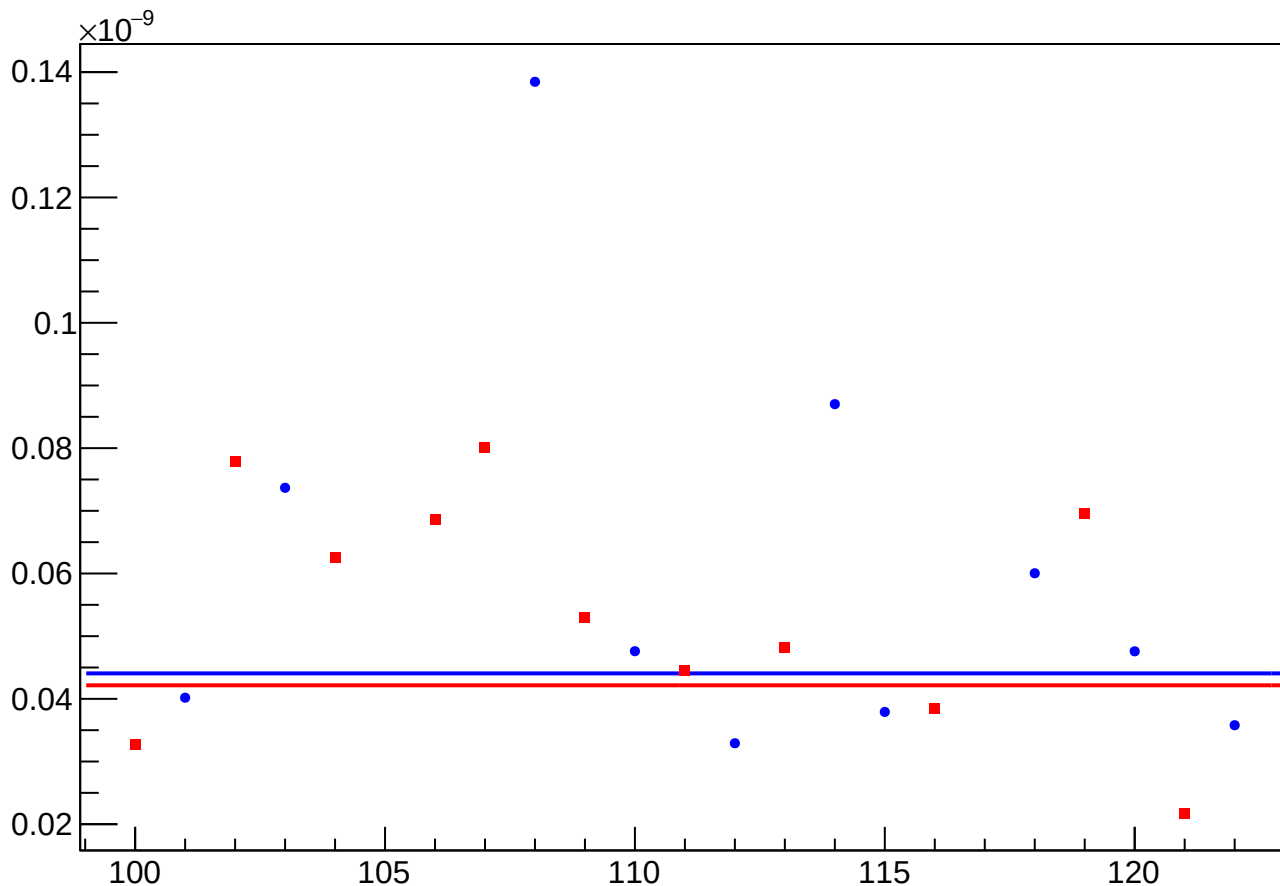
asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/9
 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 : 16.8/20
 In: -0.000+/-0.000 χ^2/NDF : 6.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 16.8/20

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 : 629187.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1010738.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

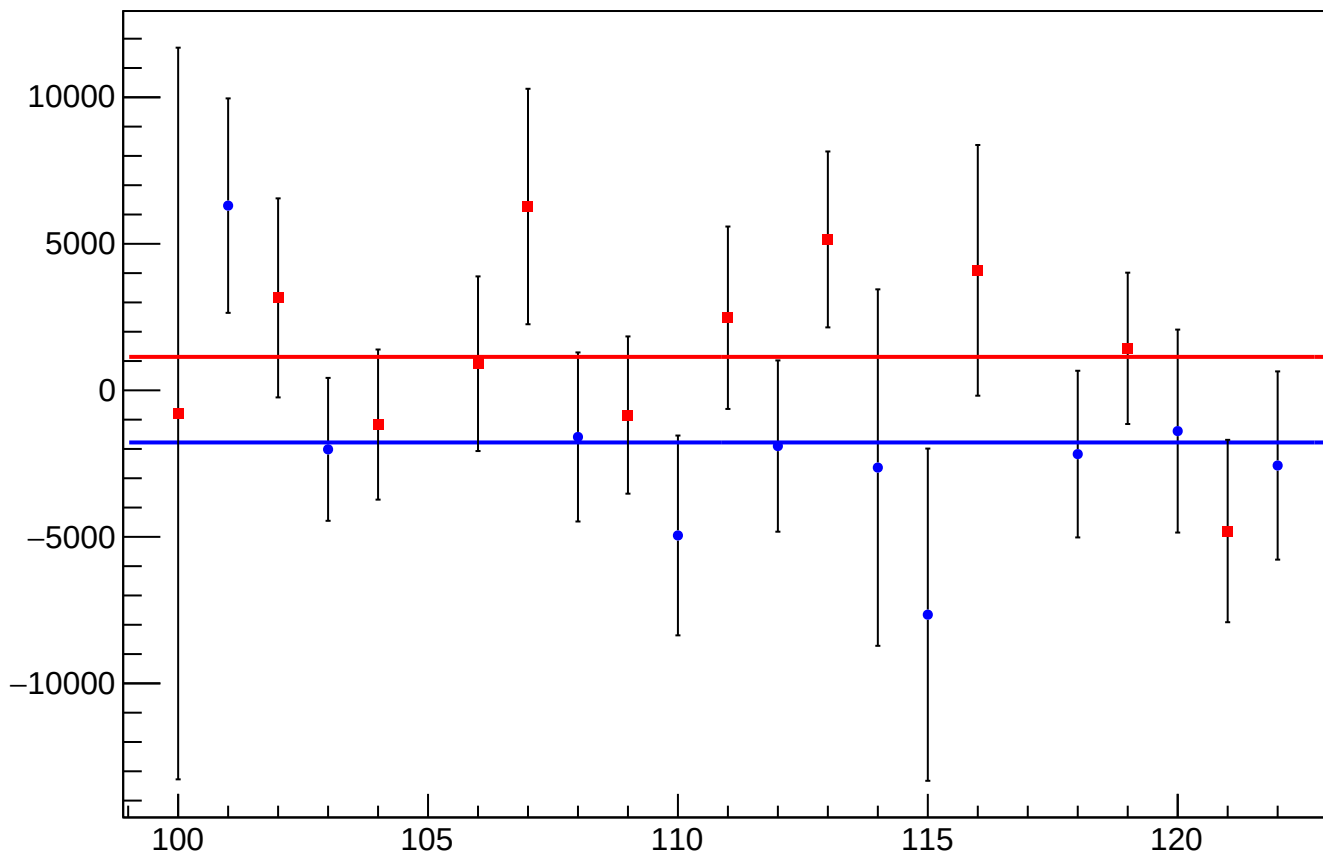
Right: 0.000+/-0.000 χ^2/NDF : 1644731.8/20

In: 0.000+/-0.000 χ^2/NDF : 629187.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1644731.8/20

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1778.456+/-1037.933 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1141.712+/-961.747 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

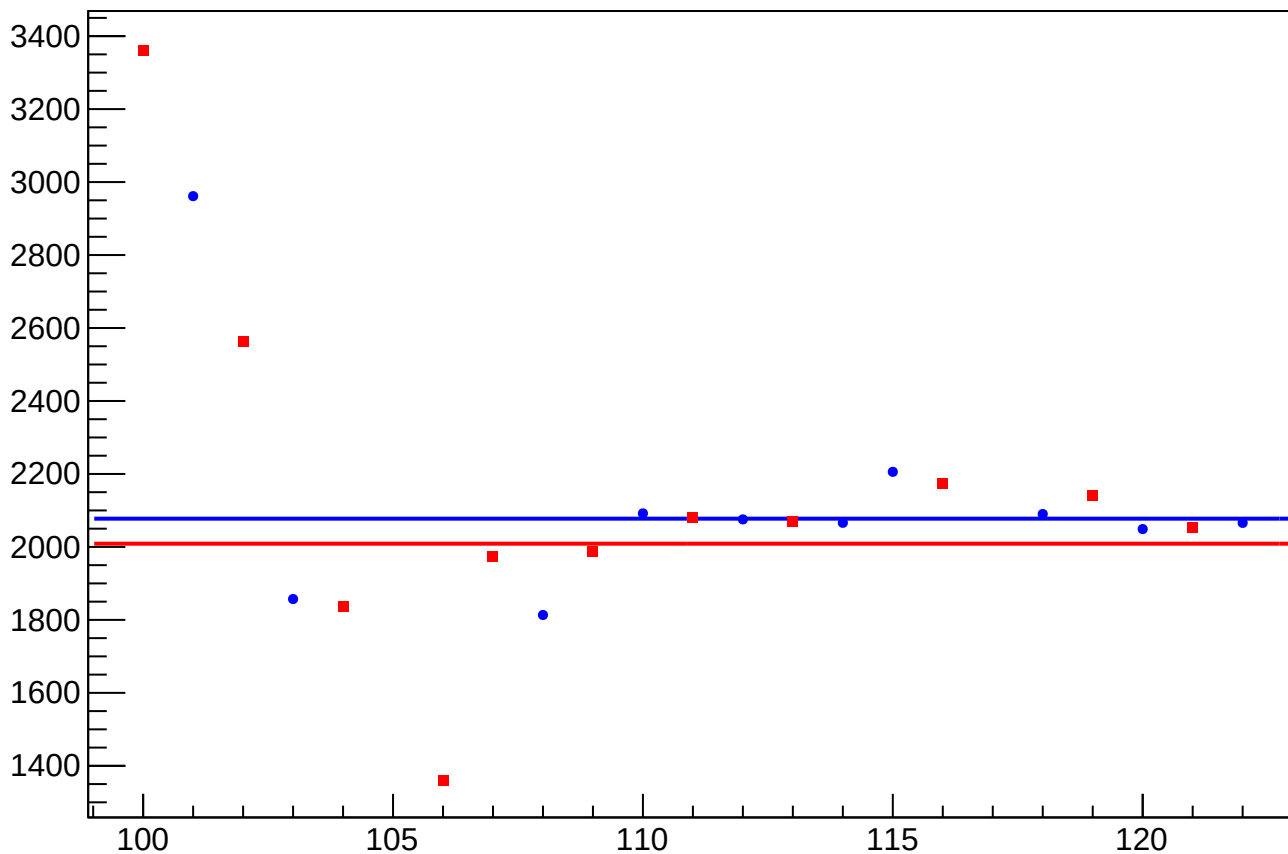
Right: -207.278+/-705.456 χ^2/NDF : 20.7/20

In: -1778.456+/-1037.933 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.278+/-705.456 χ^2/NDF : 20.7/20

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.472+/-0.734 χ^2/NDF : 151060.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.849+/-0.680 χ^2/NDF : 191078.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

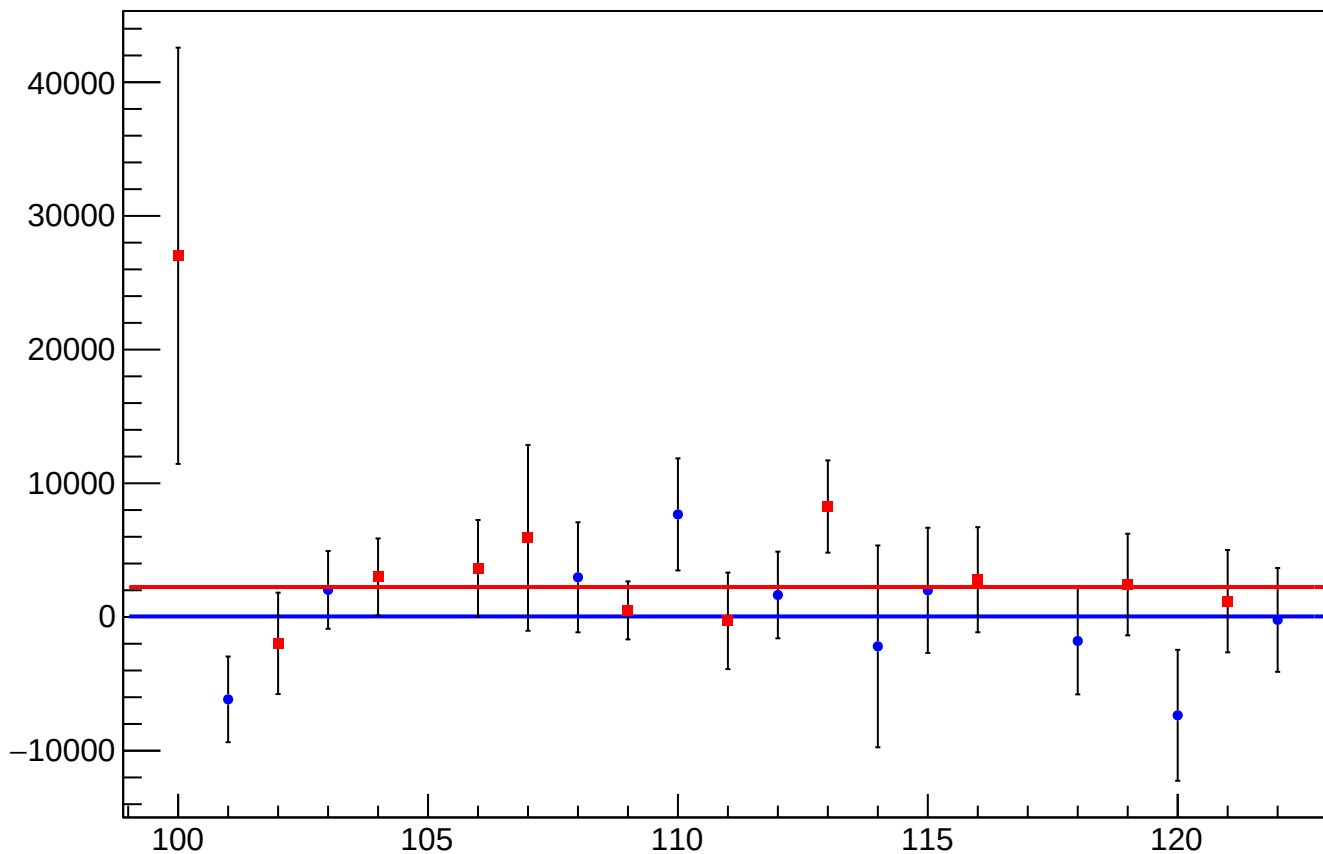
Right: 2040.550+/-0.499 χ^2/NDF : 346842.2/20

In: 2077.472+/-0.734 χ^2/NDF : 151060.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.550+/-0.499 χ^2/NDF : 346842.2/20

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 41.768+/-1230.369 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2243.006+/-1073.768 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

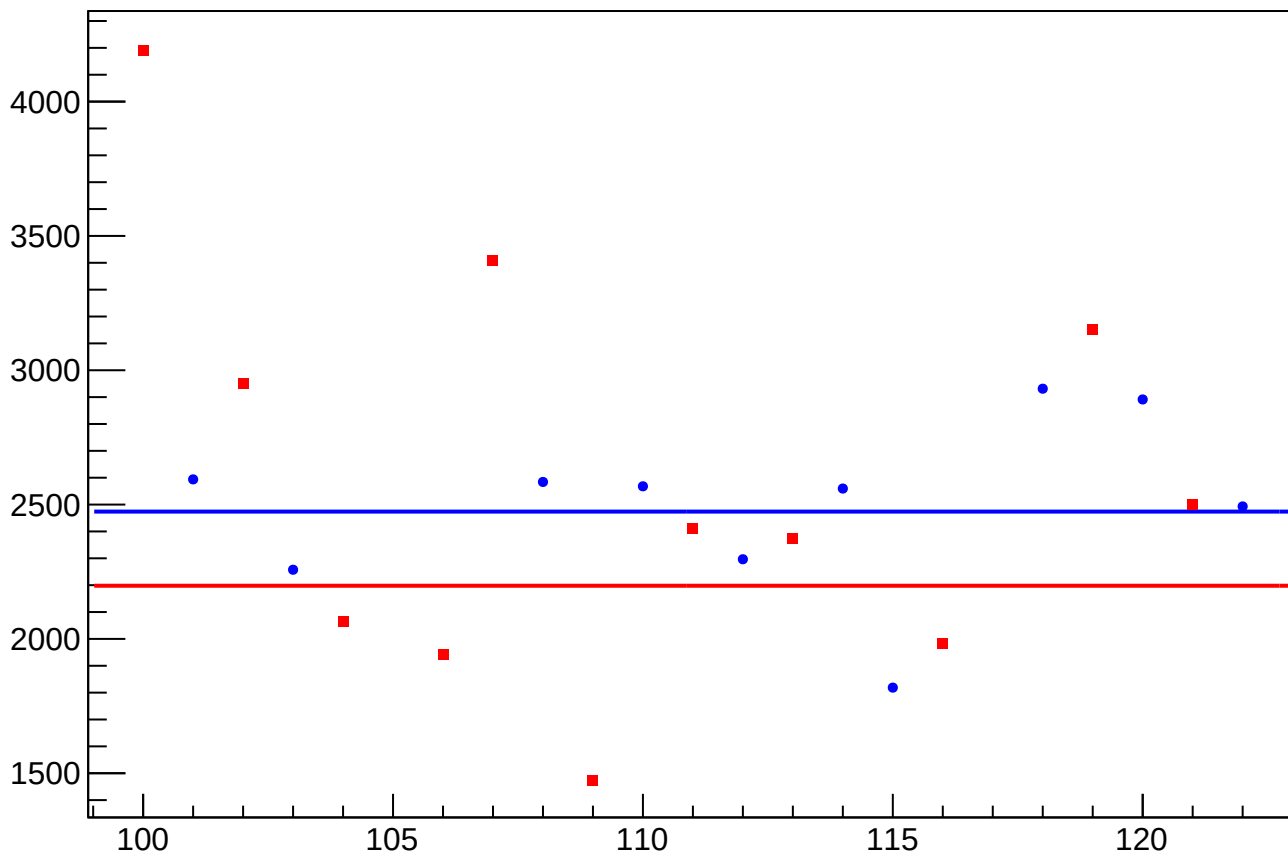
Right: 1291.307+/-809.006 χ^2/NDF : 21.4/20

In: 41.768+/-1230.369 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.307+/-809.006 χ^2/NDF : 21.4/20

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2473.912+/-0.870 χ^2/NDF : 102557.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2197.875+/-0.759 χ^2/NDF : 566395.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

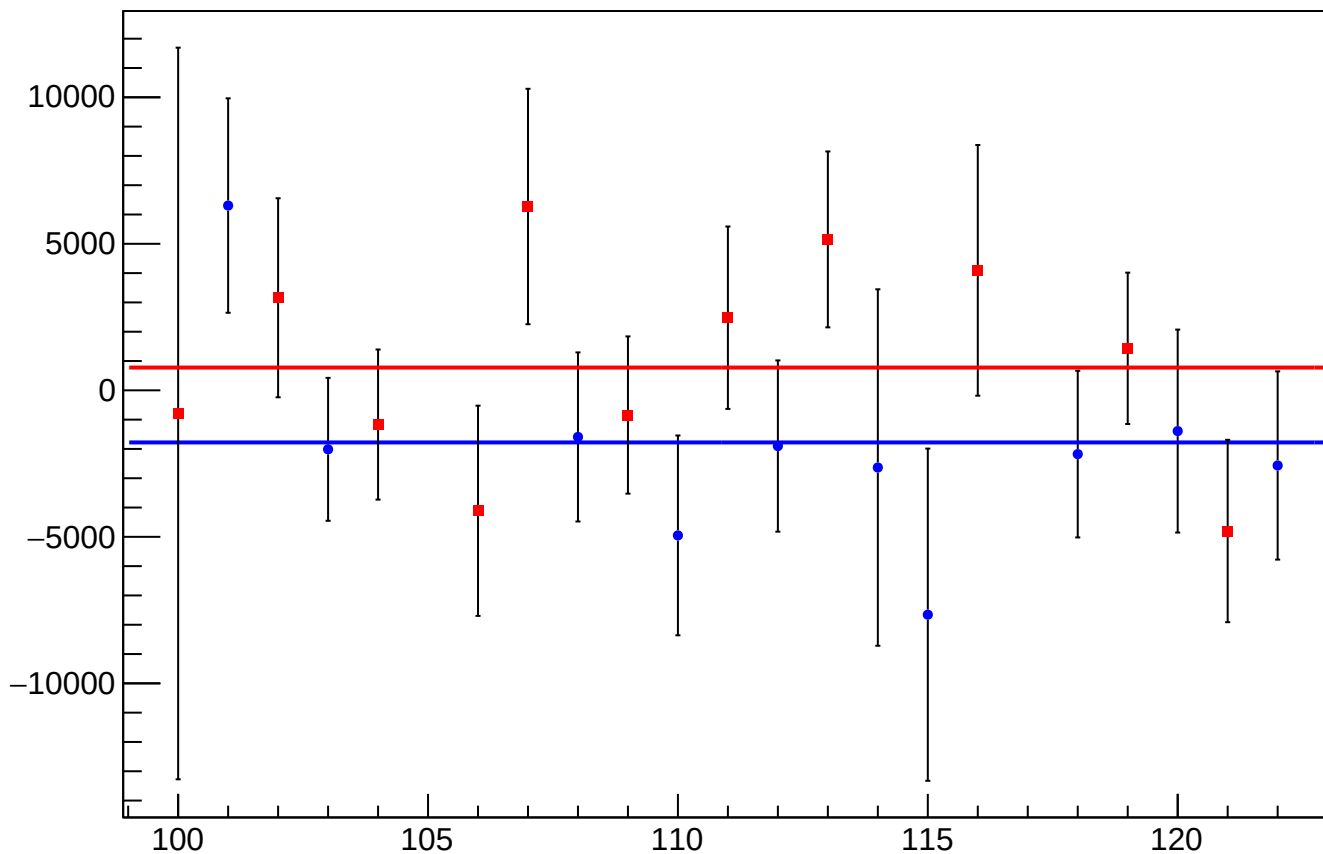
Right: 2317.219+/-0.572 χ^2/NDF : 726097.4/20

In: 2473.912+/-0.870 χ^2/NDF : 102557.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2317.219+/-0.572 χ^2/NDF : 726097.4/20

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1778.290 ± 1037.933 χ^2/NDF : 6.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 777.128 ± 977.658 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

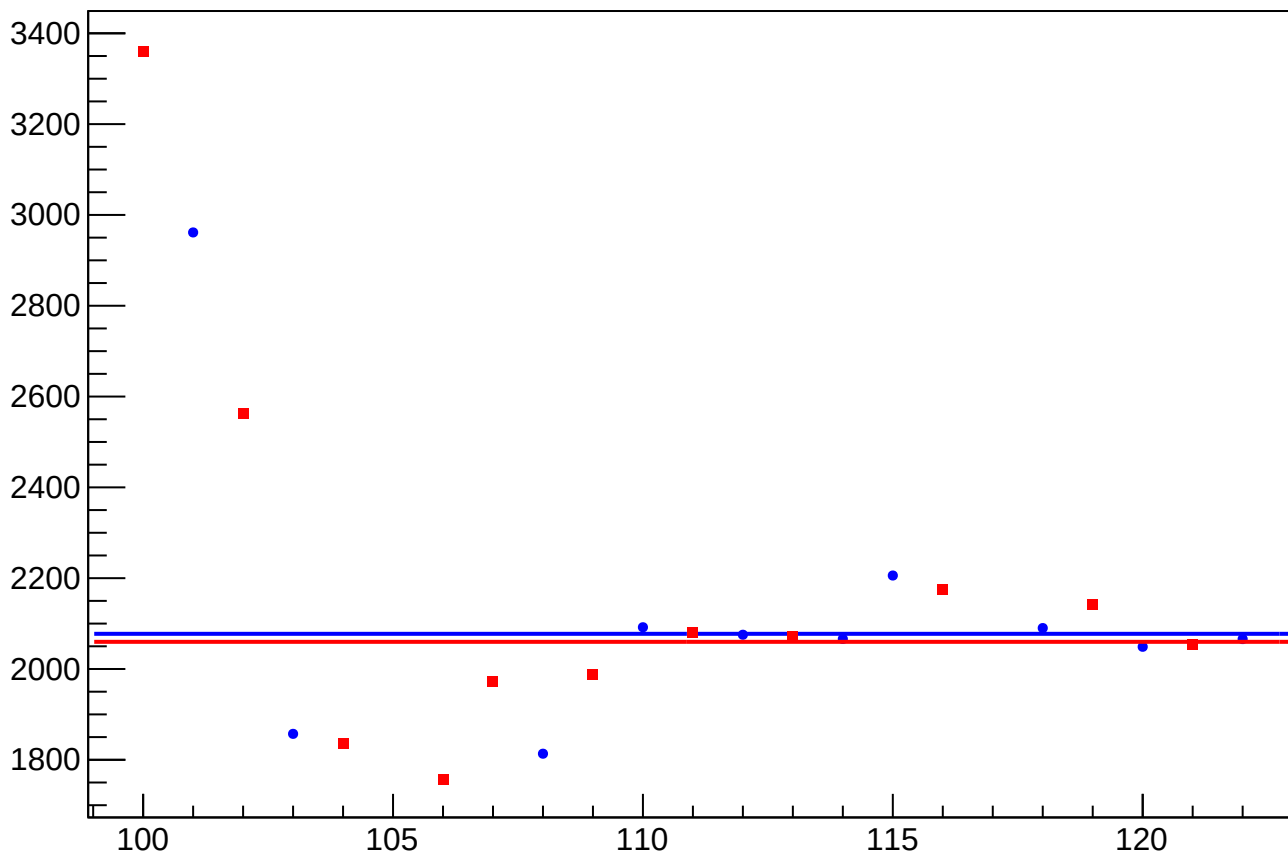
Right: -424.231 ± 711.664 χ^2/NDF : 21.6/20

In: -1778.290 ± 1037.933 χ^2/NDF : 6.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -424.231 ± 711.664 χ^2/NDF : 21.6/20

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.472+/-0.734 χ^2/NDF : 151060.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2059.819+/-0.691 χ^2/NDF : 101038.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

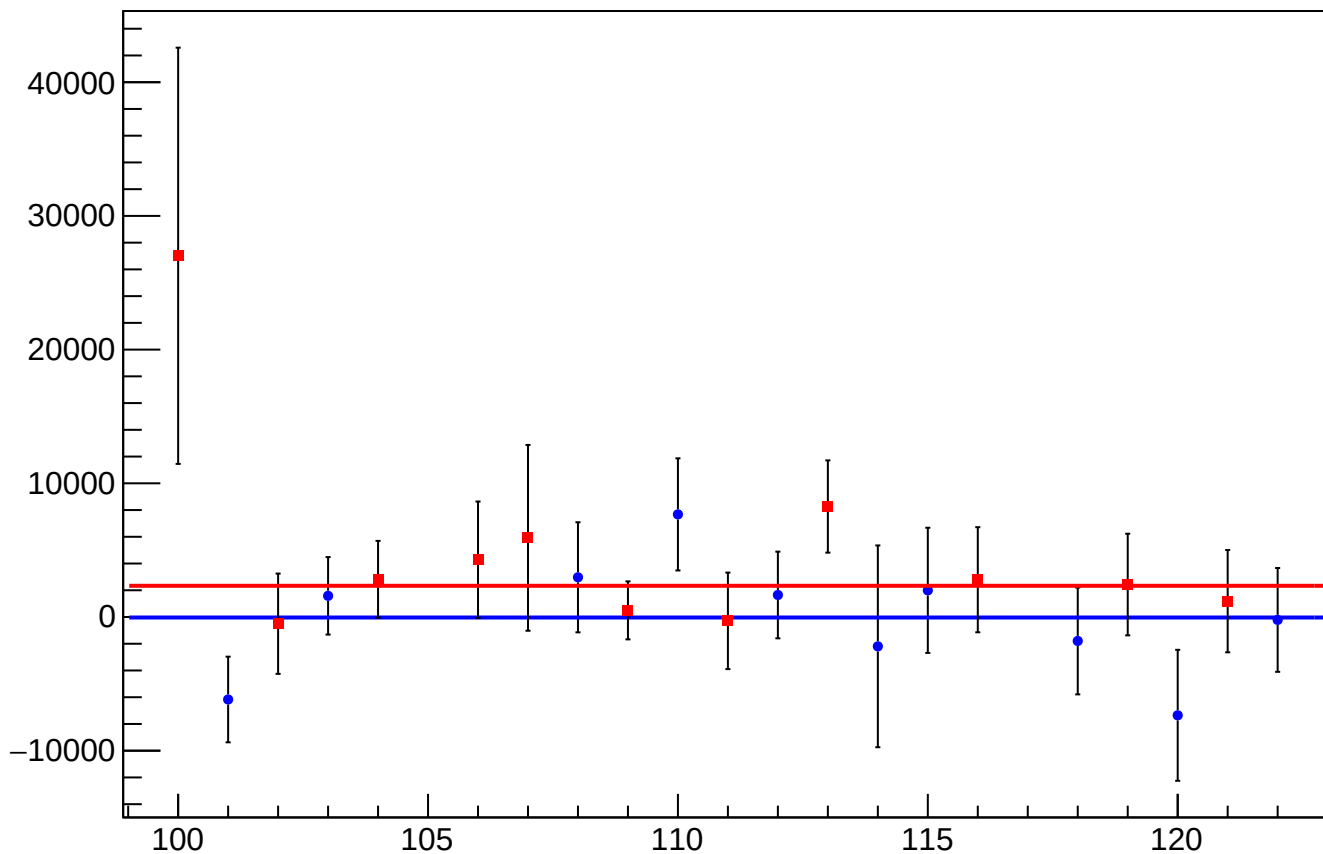
Right: 2068.118+/-0.503 χ^2/NDF : 252405.0/20

In: 2077.472+/-0.734 χ^2/NDF : 151060.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.118+/-0.503 χ^2/NDF : 252405.0/20

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -37.816 ± 1229.517 χ^2/NDF : 10.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2334.178 ± 1087.513 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

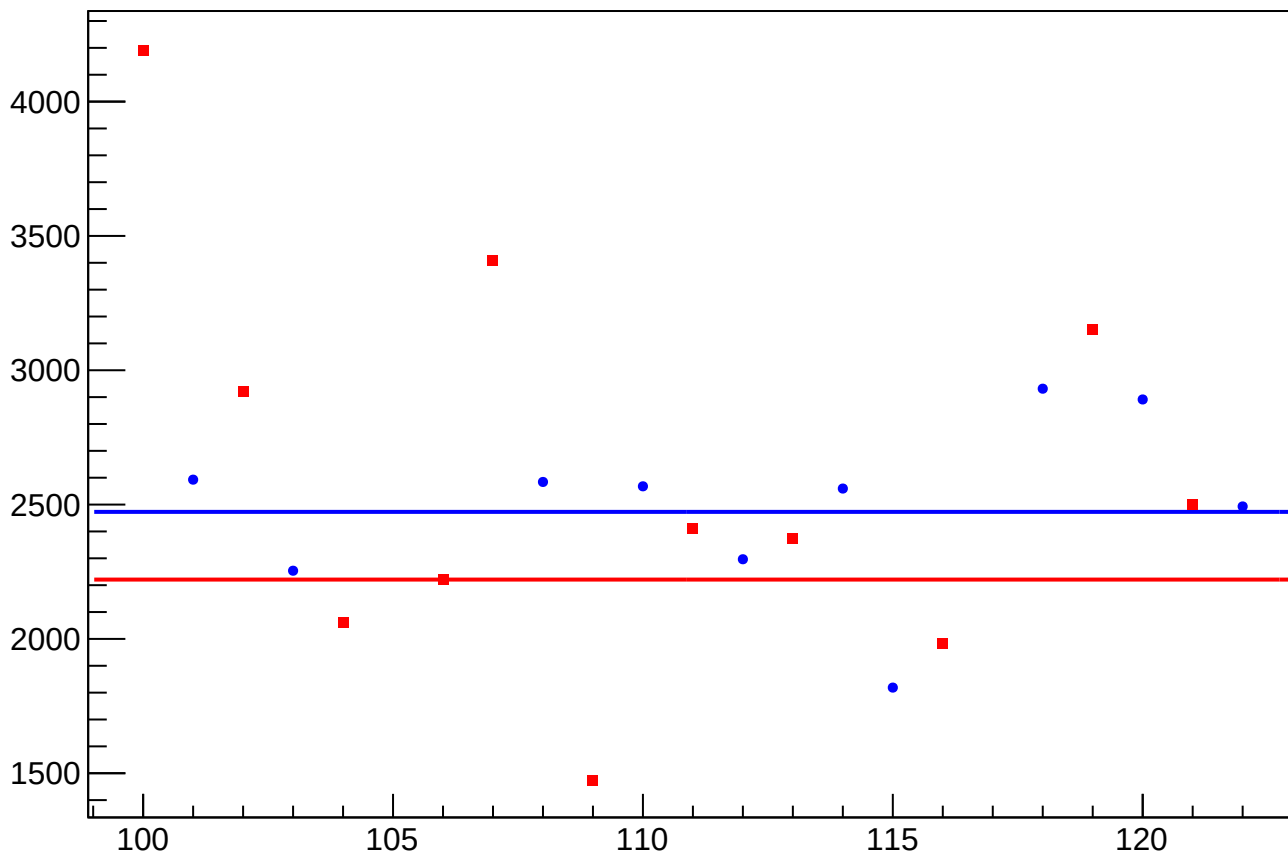
Right: 1293.009 ± 814.589 χ^2/NDF : 20.8/20

In: -37.816 ± 1229.517 χ^2/NDF : 10.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1293.009 ± 814.589 χ^2/NDF : 20.8/20

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2472.845+/-0.869 χ^2/NDF : 102951.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2220.851+/-0.769 χ^2/NDF : 551265.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

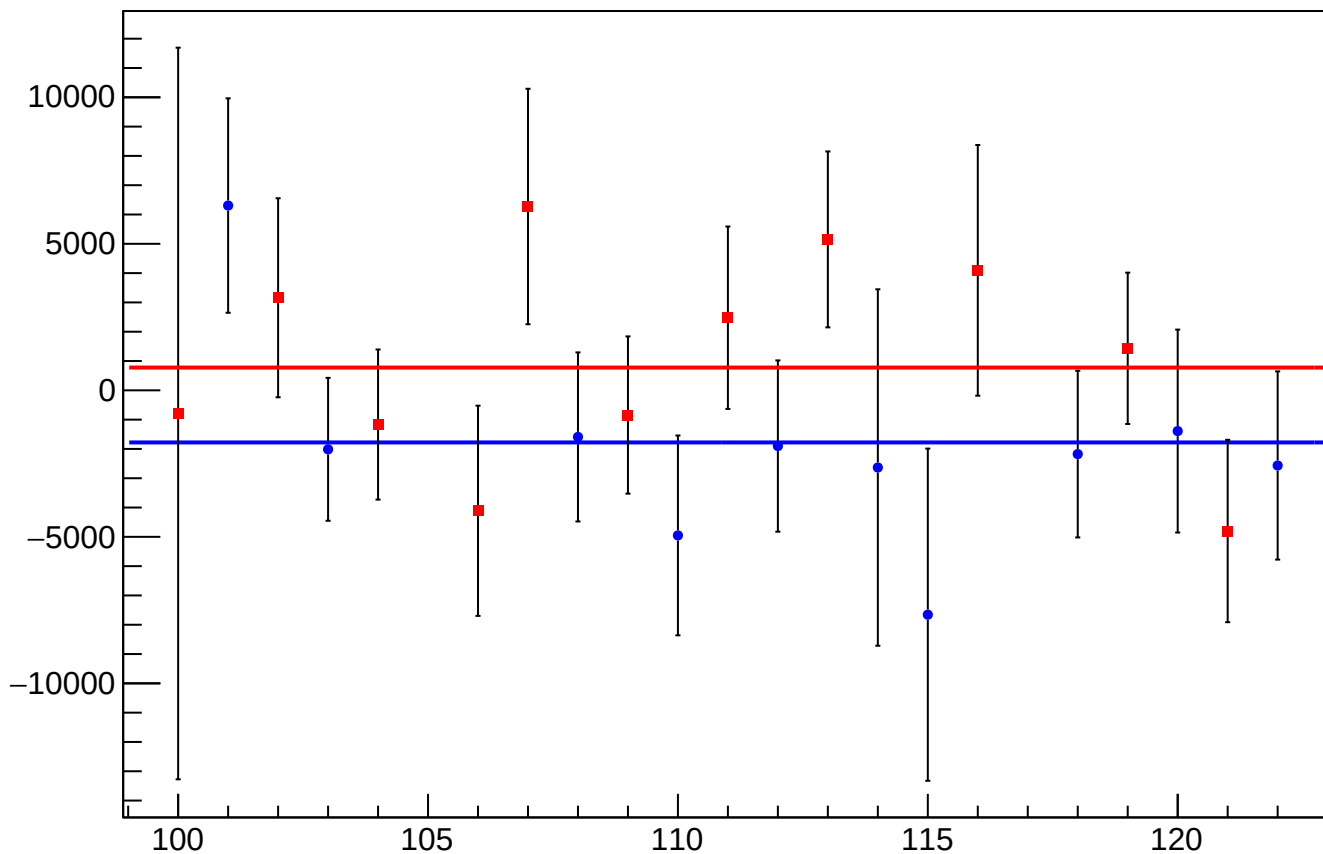
Right: 2331.462+/-0.576 χ^2/NDF : 701353.0/20

In: 2472.845+/-0.869 χ^2/NDF : 102951.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.462+/-0.576 χ^2/NDF : 701353.0/20

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1778.290+/-1037.933 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 777.128+/-977.658 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

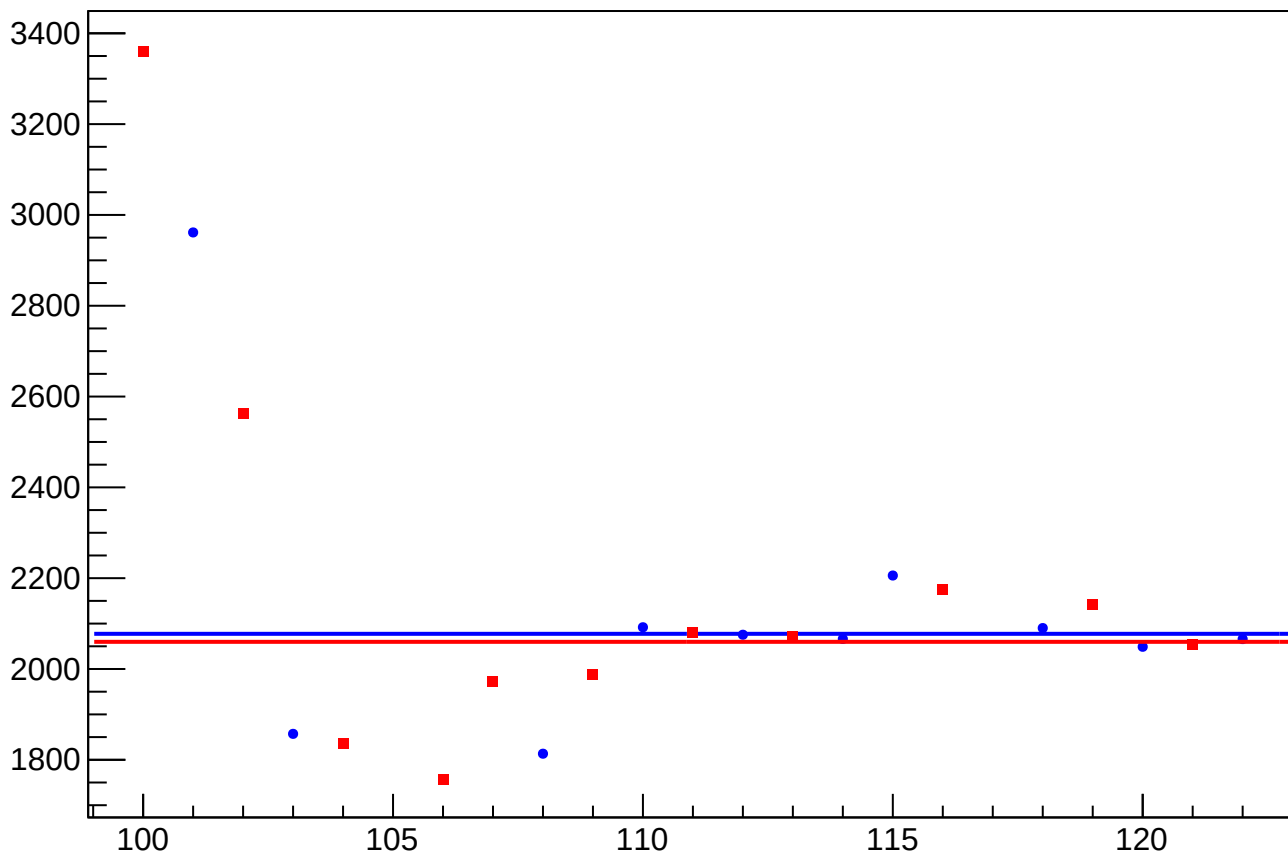
Right: -424.231+/-711.664 χ^2/NDF : 21.6/20

In: -1778.290+/-1037.933 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.231+/-711.664 χ^2/NDF : 21.6/20

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.472+/-0.734 χ^2/NDF : 151060.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2059.819+/-0.691 χ^2/NDF : 101038.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

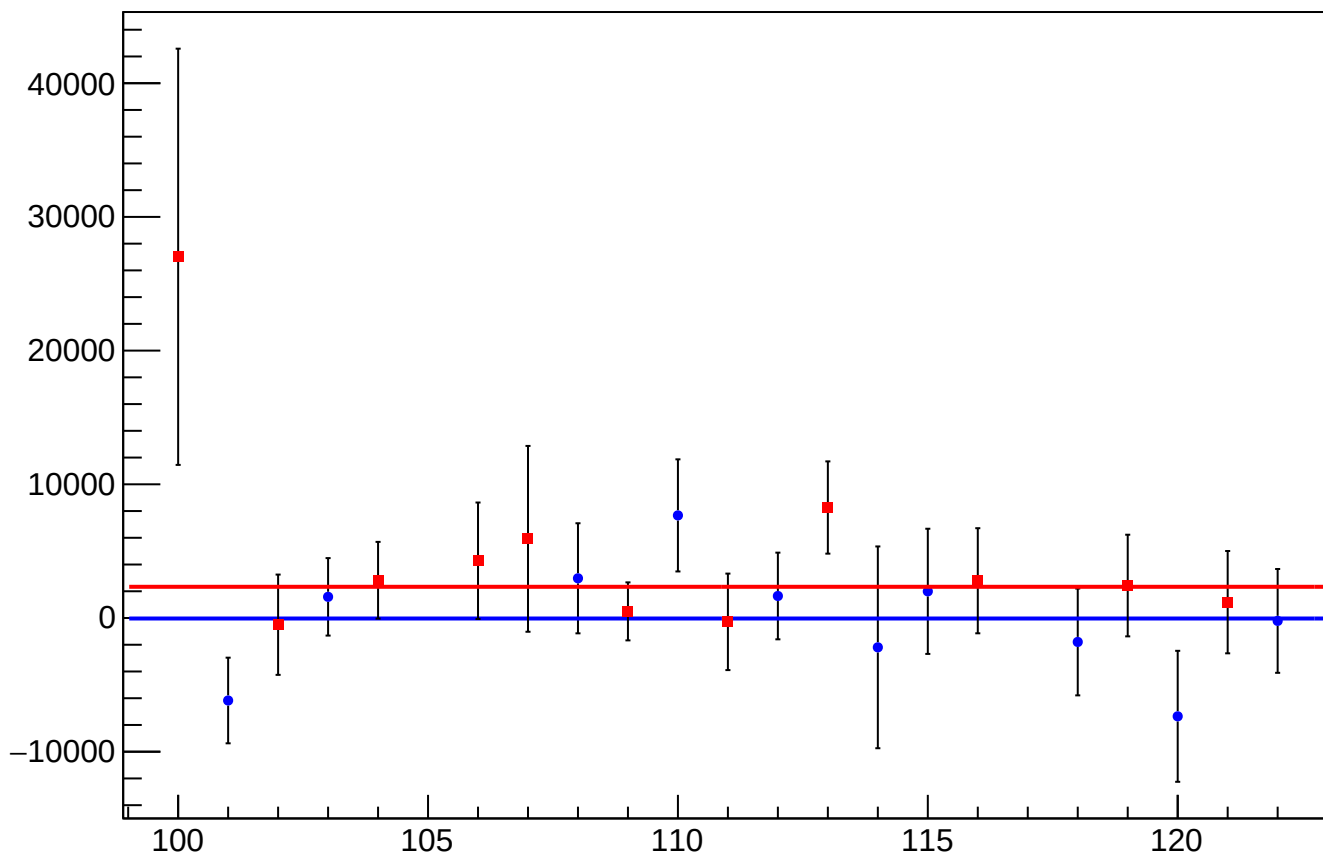
Right: 2068.118+/-0.503 χ^2/NDF : 252405.0/20

In: 2077.472+/-0.734 χ^2/NDF : 151060.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.118+/-0.503 χ^2/NDF : 252405.0/20

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -37.816+/-1229.517 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2334.178+/-1087.513 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

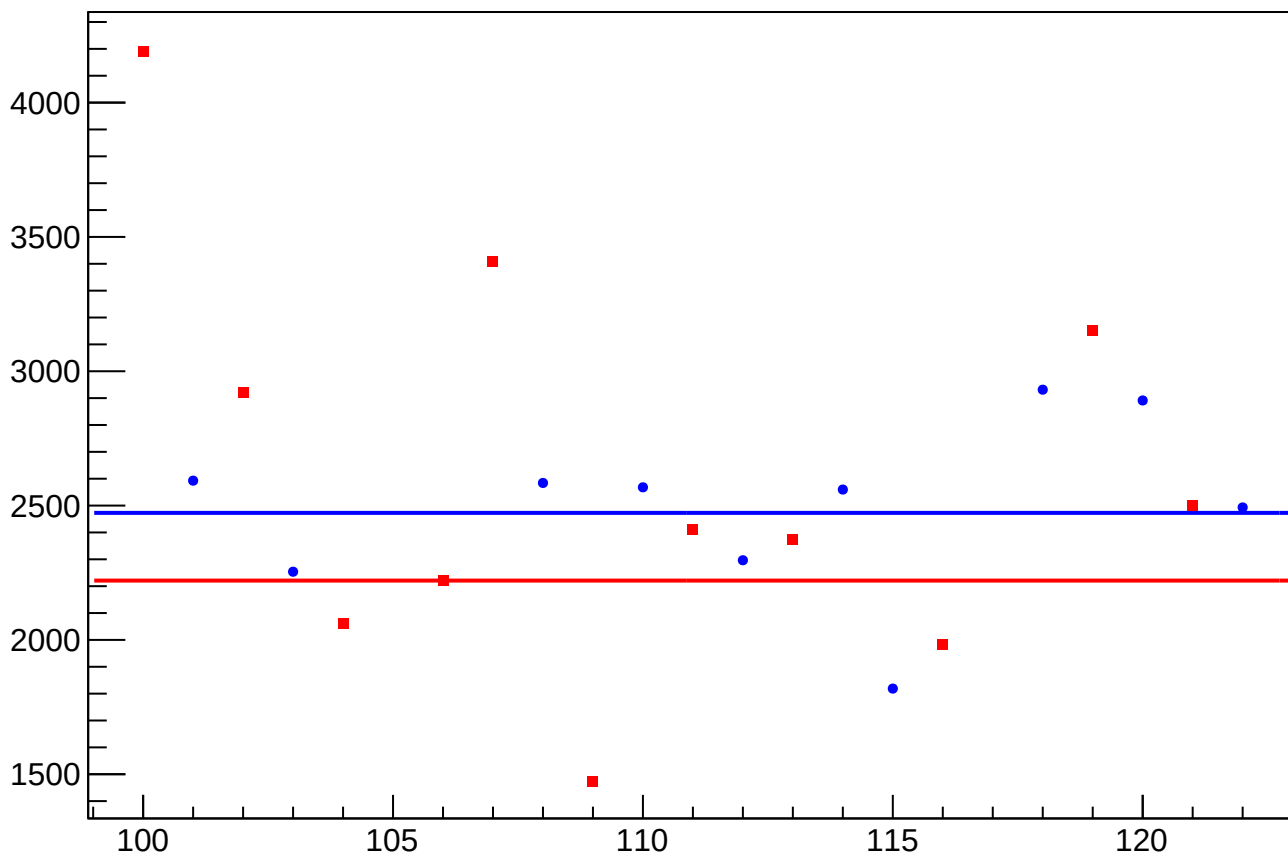
Right: 1293.009+/-814.589 χ^2/NDF : 20.8/20

In: -37.816+/-1229.517 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1293.009+/-814.589 χ^2/NDF : 20.8/20

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2472.845+/-0.869 χ^2/NDF : 102951.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2220.851+/-0.769 χ^2/NDF : 551265.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

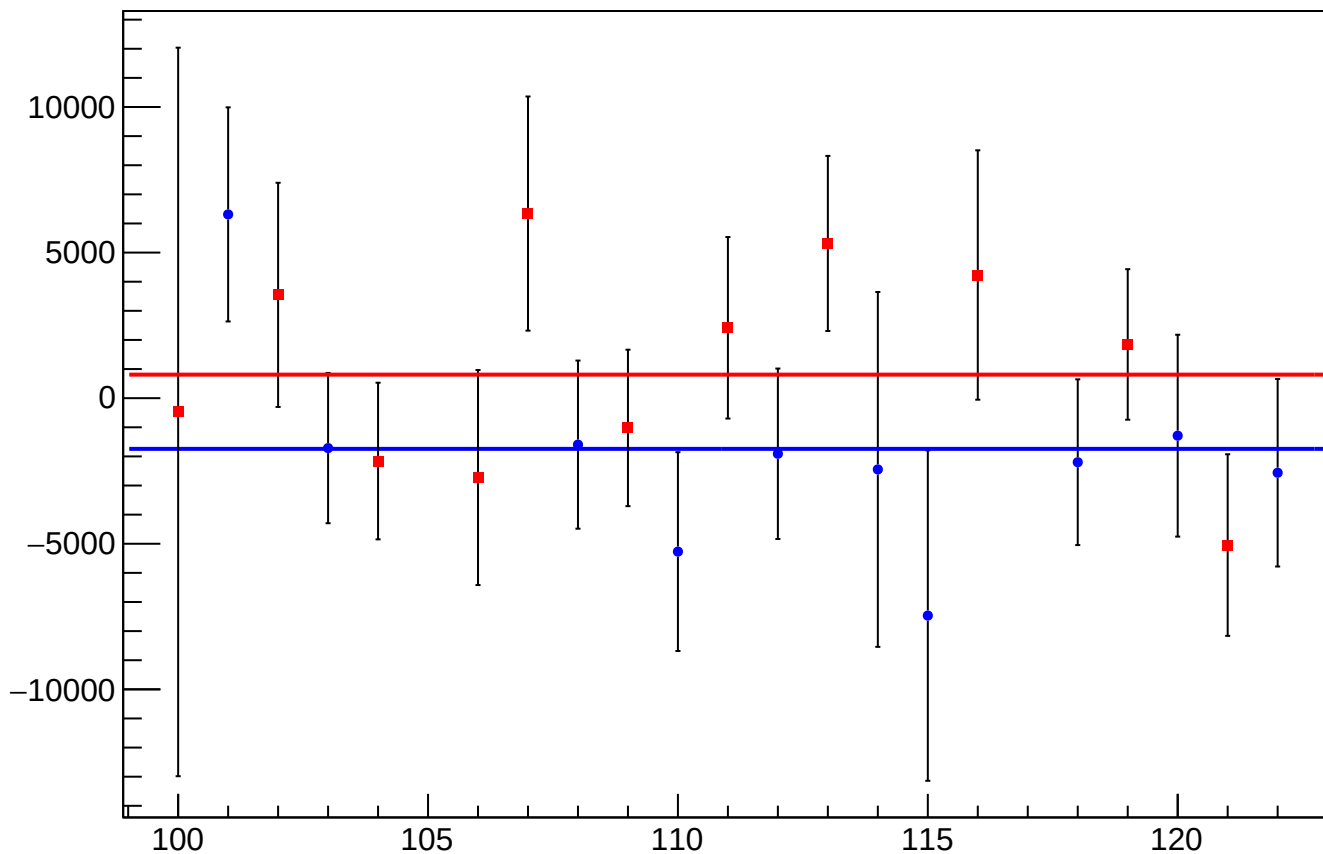
Right: 2331.462+/-0.576 χ^2/NDF : 701353.0/20

In: 2472.845+/-0.869 χ^2/NDF : 102951.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.462+/-0.576 χ^2/NDF : 701353.0/20

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1741.113+/-1049.598 χ^2/NDF : 7.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 808.451+/-996.818 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

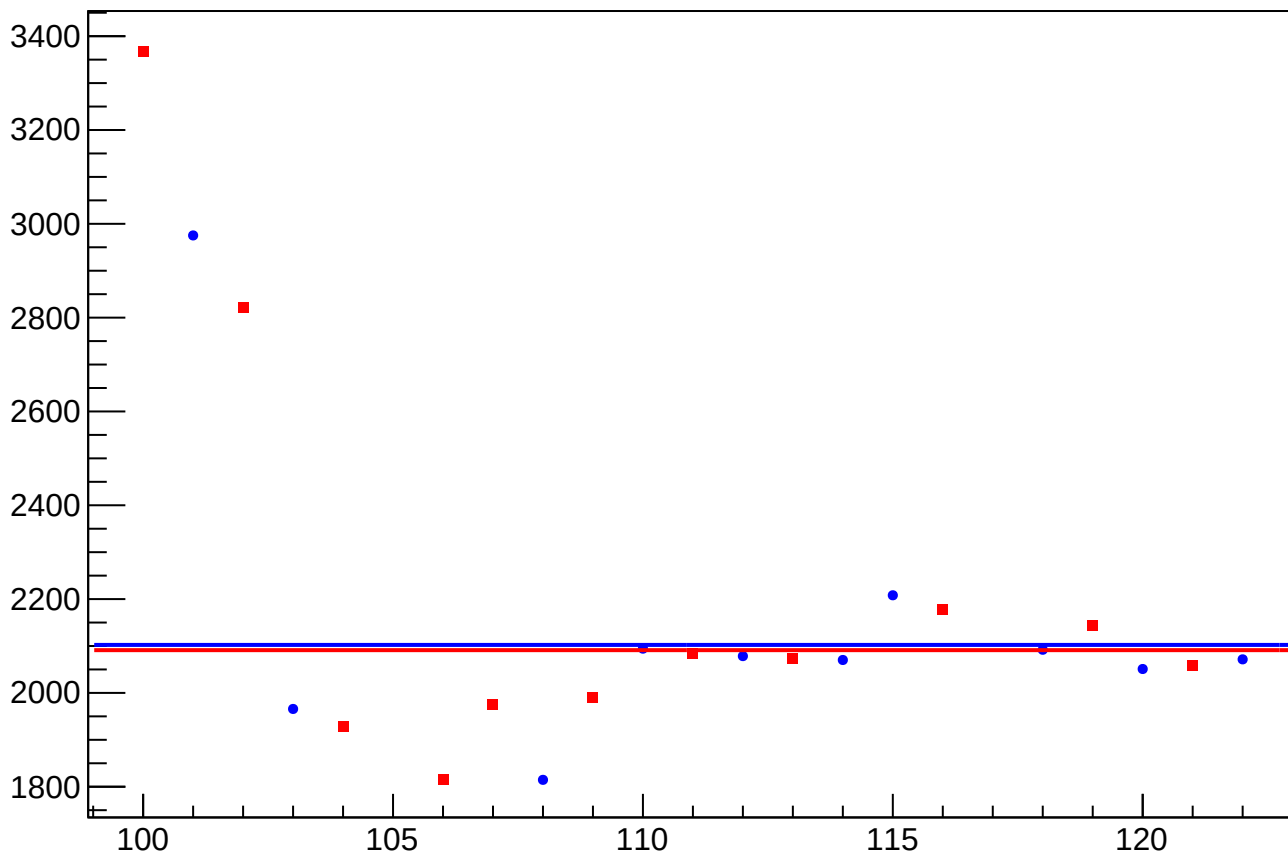
Right: -400.617+/-722.796 χ^2/NDF : 22.0/20

In: -1741.113+/-1049.598 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -400.617+/-722.796 χ^2/NDF : 22.0/20

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2102.314+/-0.742 χ^2/NDF : 139720.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.137+/-0.705 χ^2/NDF : 117715.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

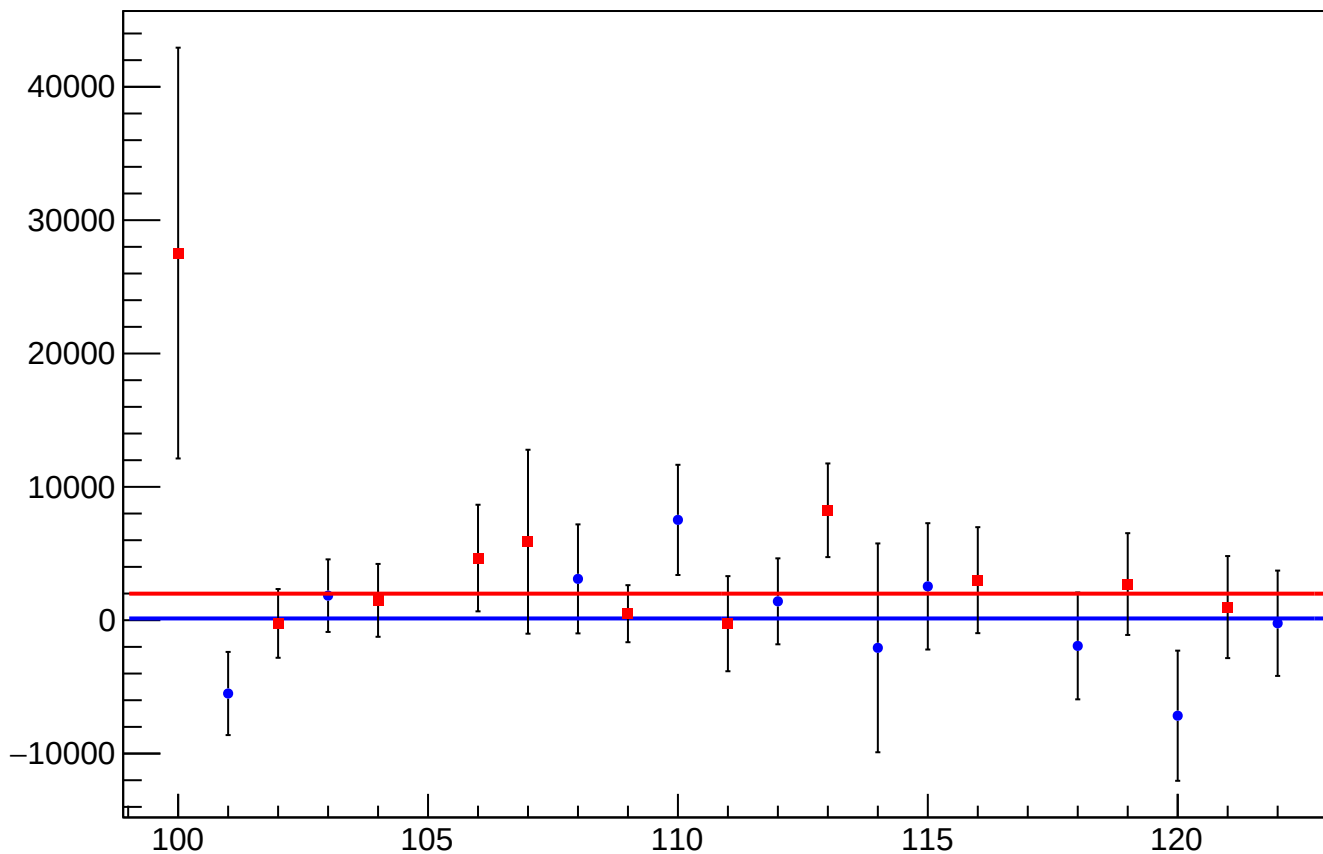
Right: 2096.438+/-0.511 χ^2/NDF : 257555.0/20

In: 2102.314+/-0.742 χ^2/NDF : 139720.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2096.438+/-0.511 χ^2/NDF : 257555.0/20

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 131.827+/-1211.113 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1991.480+/-1025.641 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

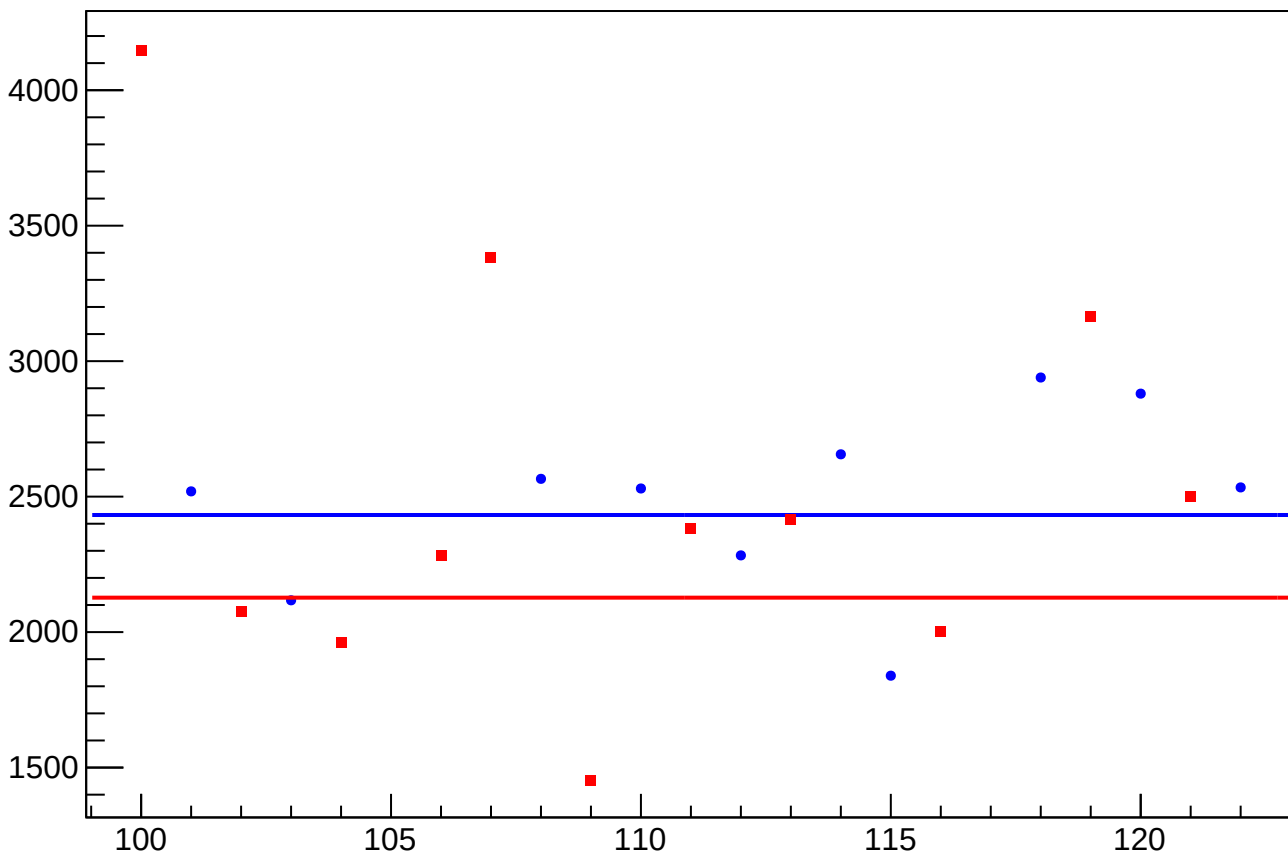
Right: 1214.803+/-782.689 χ^2/NDF : 20.3/20

In: 131.827+/-1211.113 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.803+/-782.689 χ^2/NDF : 20.3/20

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2432.215+/-0.856 χ^2/NDF : 119097.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.119+/-0.725 χ^2/NDF : 503020.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

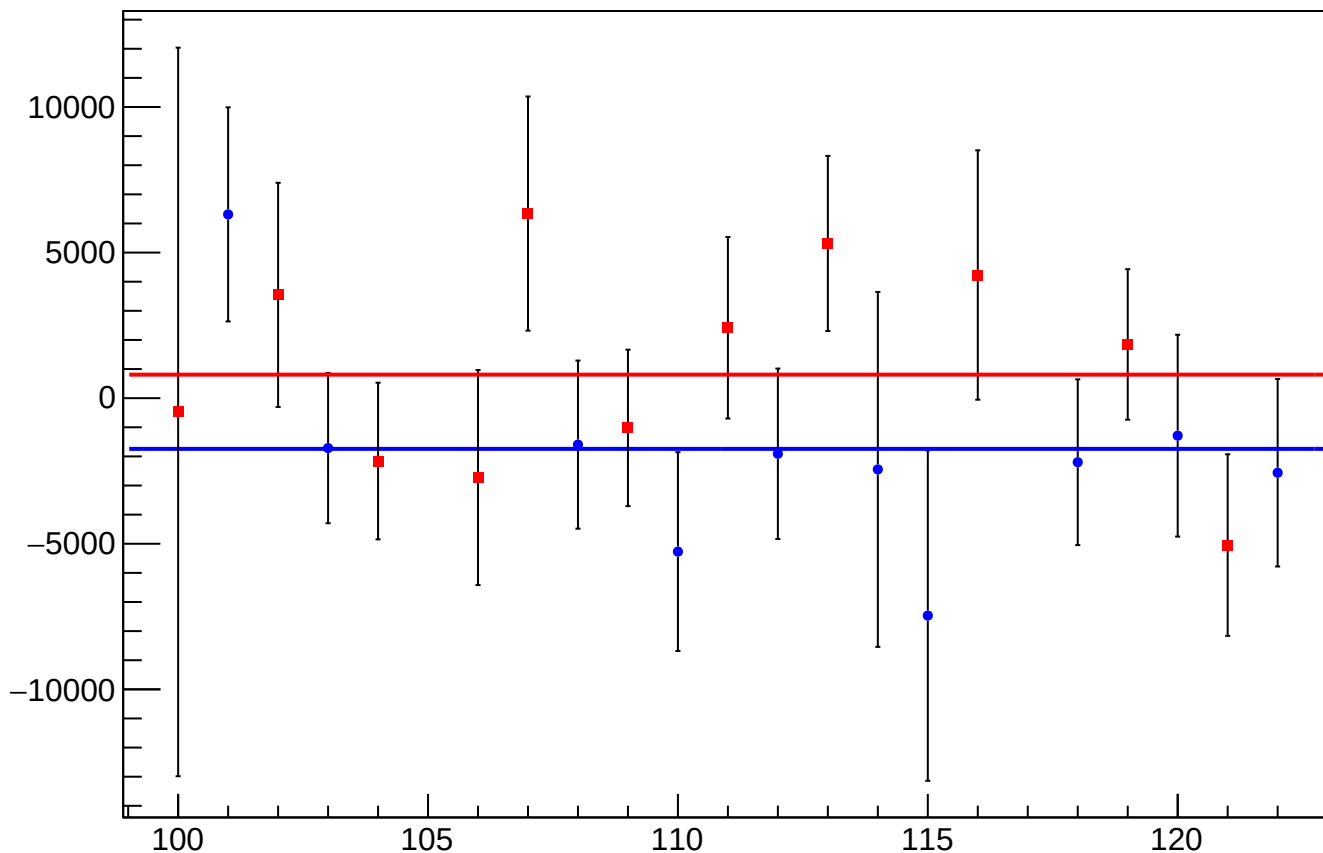
Right: 2254.541+/-0.553 χ^2/NDF : 696030.7/20

In: 2432.215+/-0.856 χ^2/NDF : 119097.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.541+/-0.553 χ^2/NDF : 696030.7/20

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1741.106+/-1049.598 χ^2/NDF : 7.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 808.447+/-996.818 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

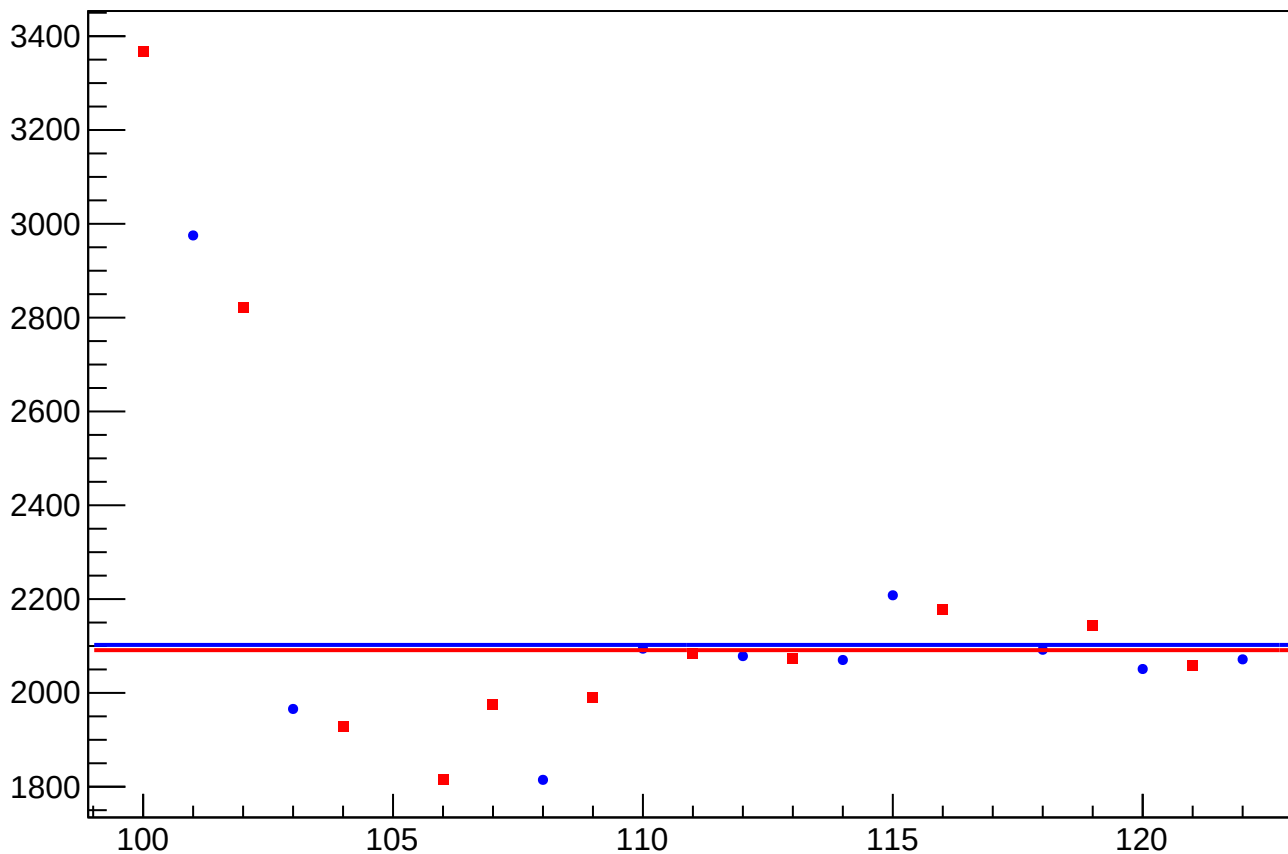
Right: -400.616+/-722.796 χ^2/NDF : 22.0/20

In: -1741.106+/-1049.598 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -400.616+/-722.796 χ^2/NDF : 22.0/20

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2102.314+/-0.742 χ^2/NDF : 139720.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.137+/-0.705 χ^2/NDF : 117715.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

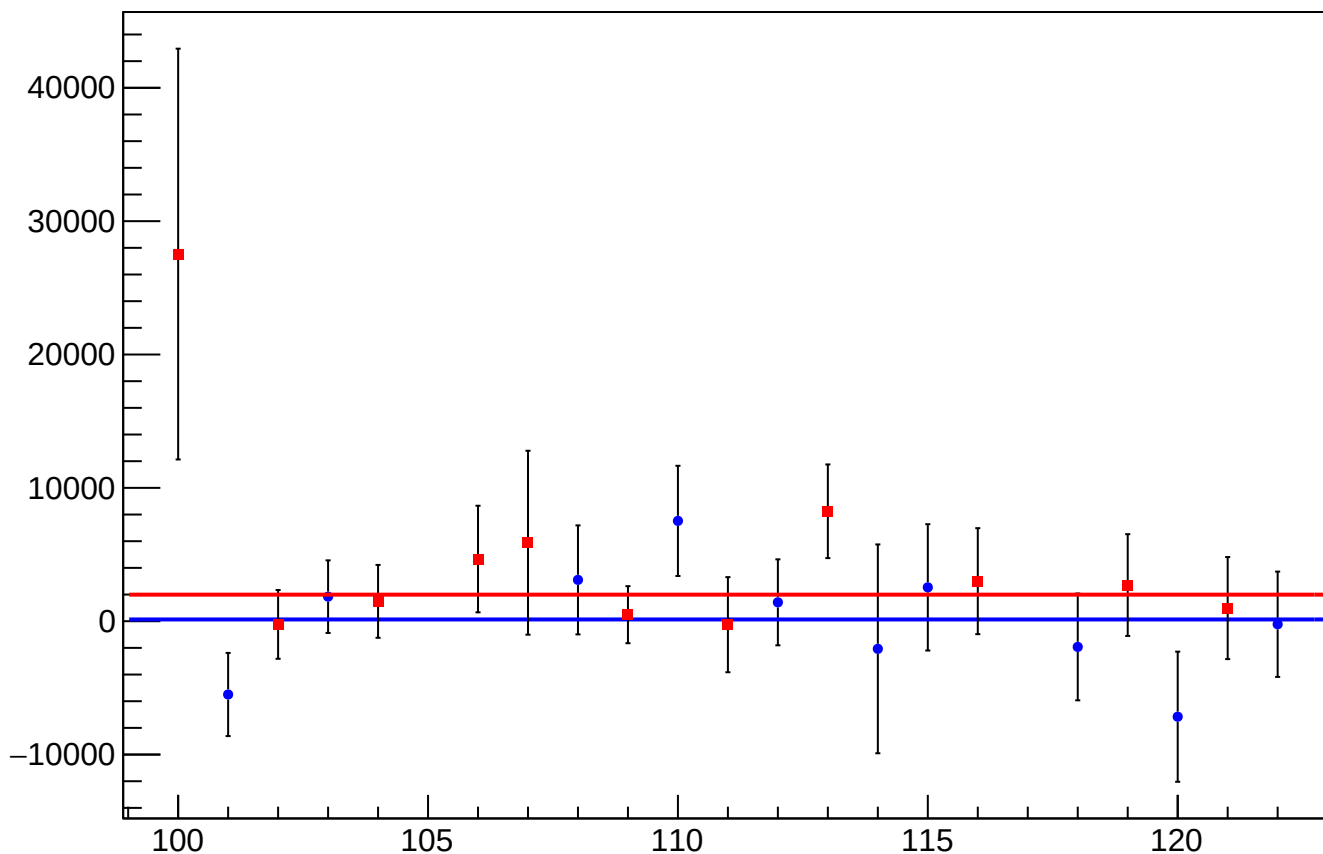
Right: 2096.438+/-0.511 χ^2/NDF : 257554.8/20

In: 2102.314+/-0.742 χ^2/NDF : 139720.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2096.438+/-0.511 χ^2/NDF : 257554.8/20

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 131.825+/-1211.110 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1991.484+/-1025.642 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

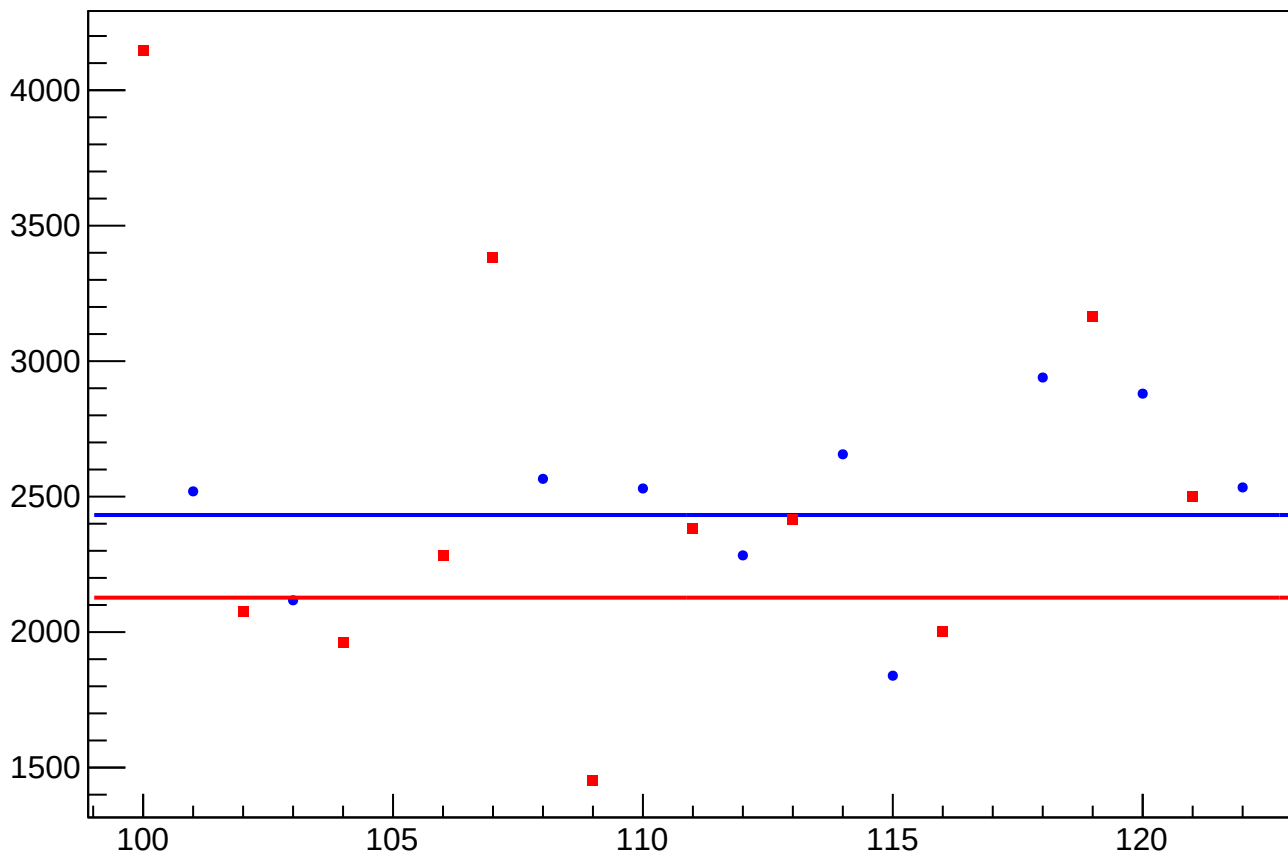
Right: 1214.801+/-782.688 χ^2/NDF : 20.3/20

In: 131.825+/-1211.110 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.801+/-782.688 χ^2/NDF : 20.3/20

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2432.210+/-0.856 χ^2/NDF : 119092.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.123+/-0.725 χ^2/NDF : 503006.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

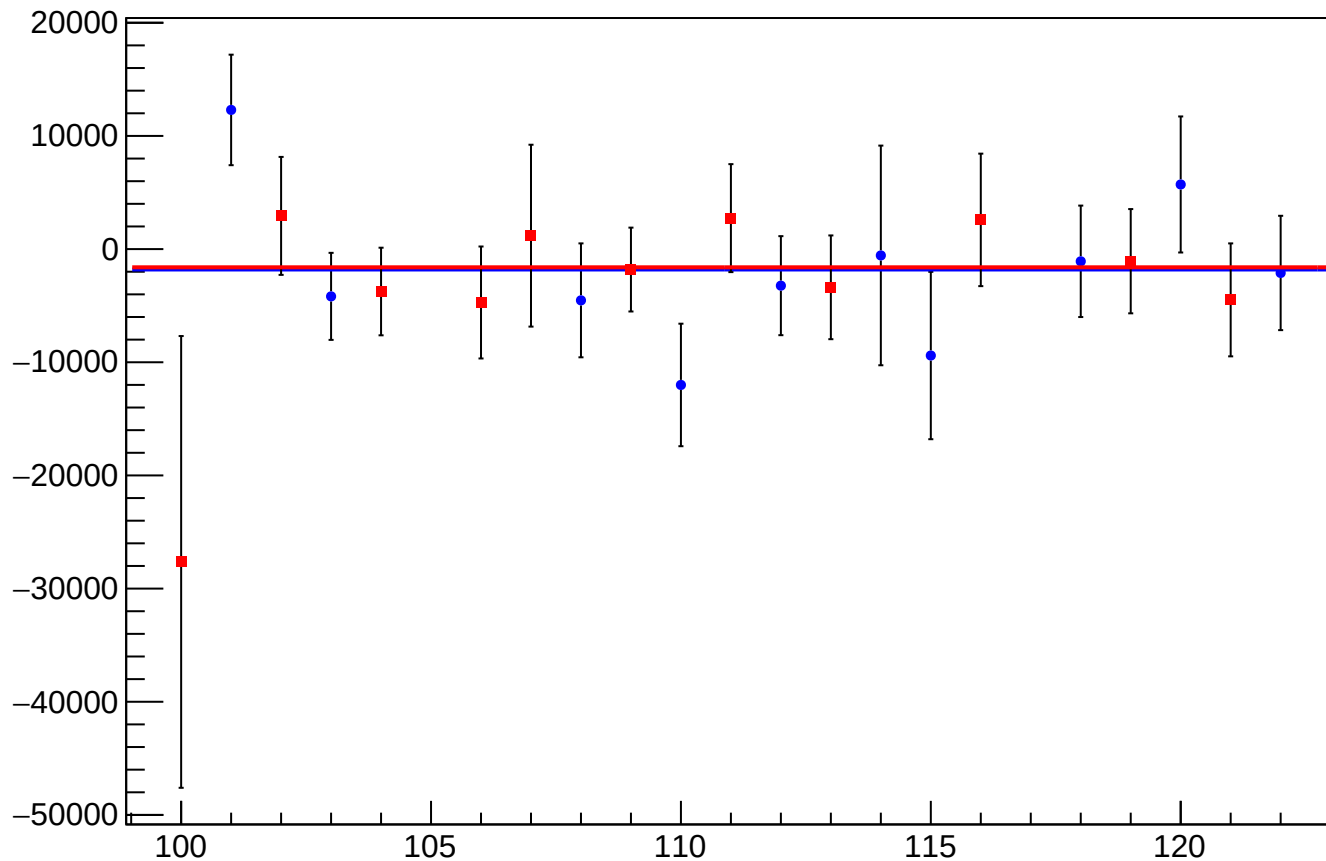
Right: 2254.542+/-0.553 χ^2/NDF : 696008.0/20

In: 2432.210+/-0.856 χ^2/NDF : 119092.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.542+/-0.553 χ^2/NDF : 696008.0/20

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1801.754+/-1638.631 χ^2/NDF : 15.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1609.479+/-1501.996 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

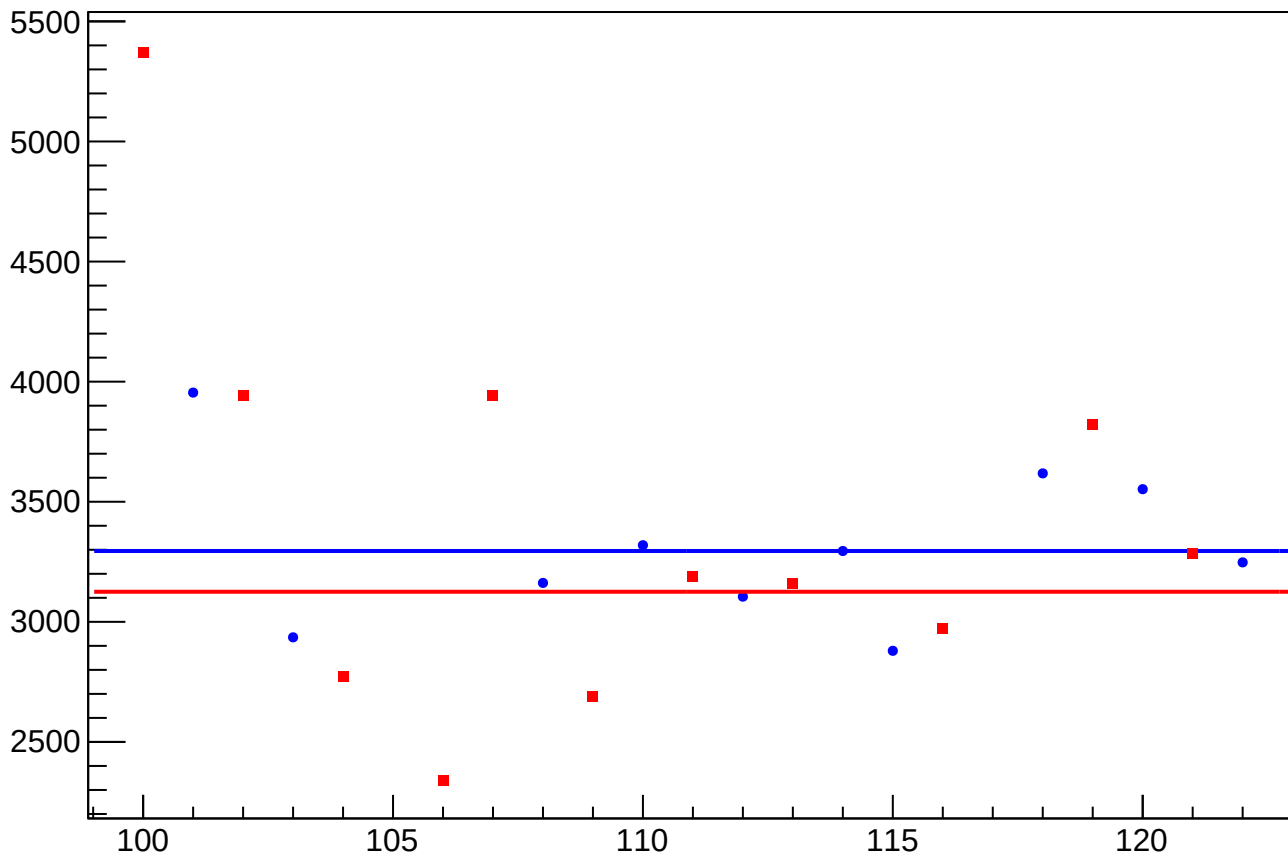
Right: -1697.268+/-1107.230 χ^2/NDF : 20.5/20

In: -1801.754+/-1638.631 χ^2/NDF : 15.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1697.268+/-1107.230 χ^2/NDF : 20.5/20

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3294.943+/-1.159 χ^2/NDF : 77952.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3125.211+/-1.062 χ^2/NDF : 240173.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

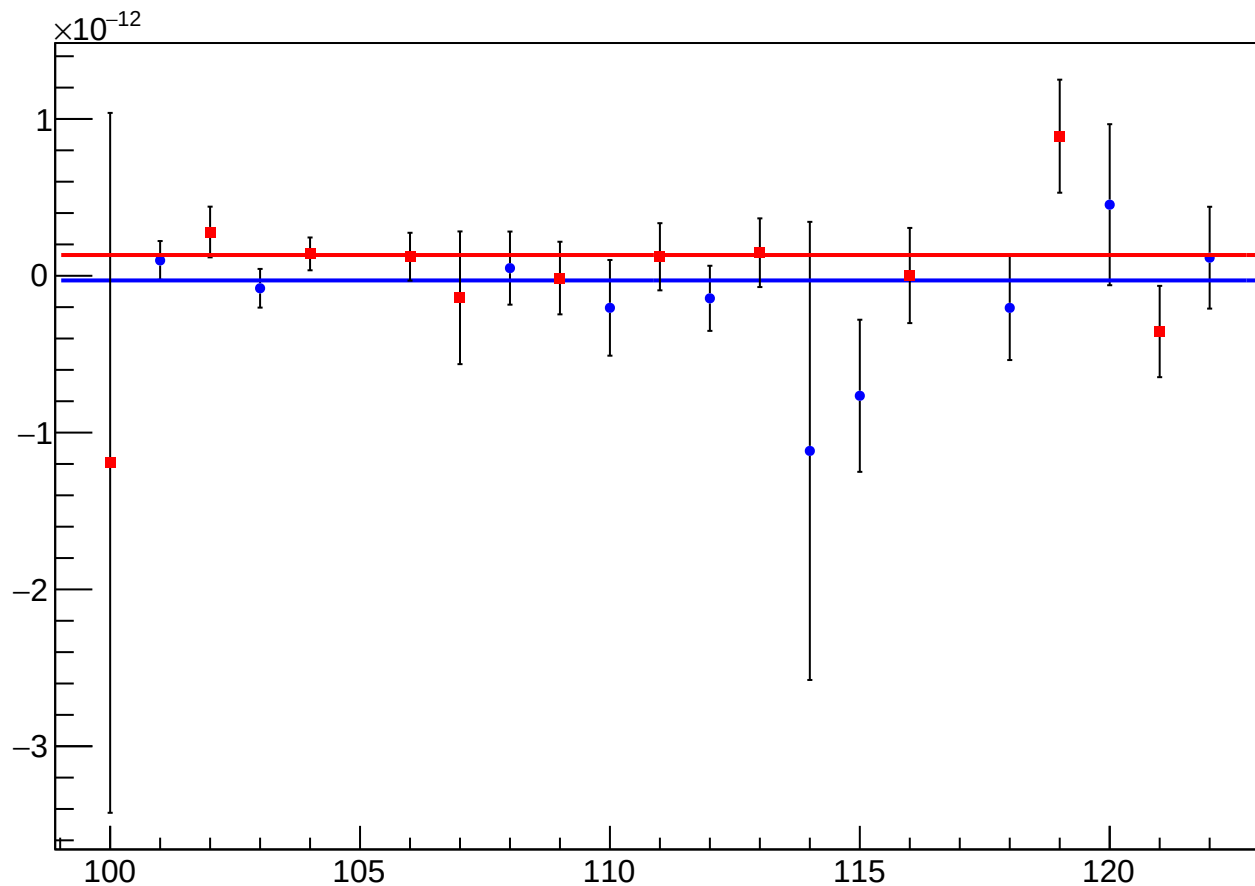
Right: 3202.705+/-0.783 χ^2/NDF : 329787.5/20

In: 3294.943+/-1.159 χ^2/NDF : 77952.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.705+/-0.783 χ^2/NDF : 329787.5/20

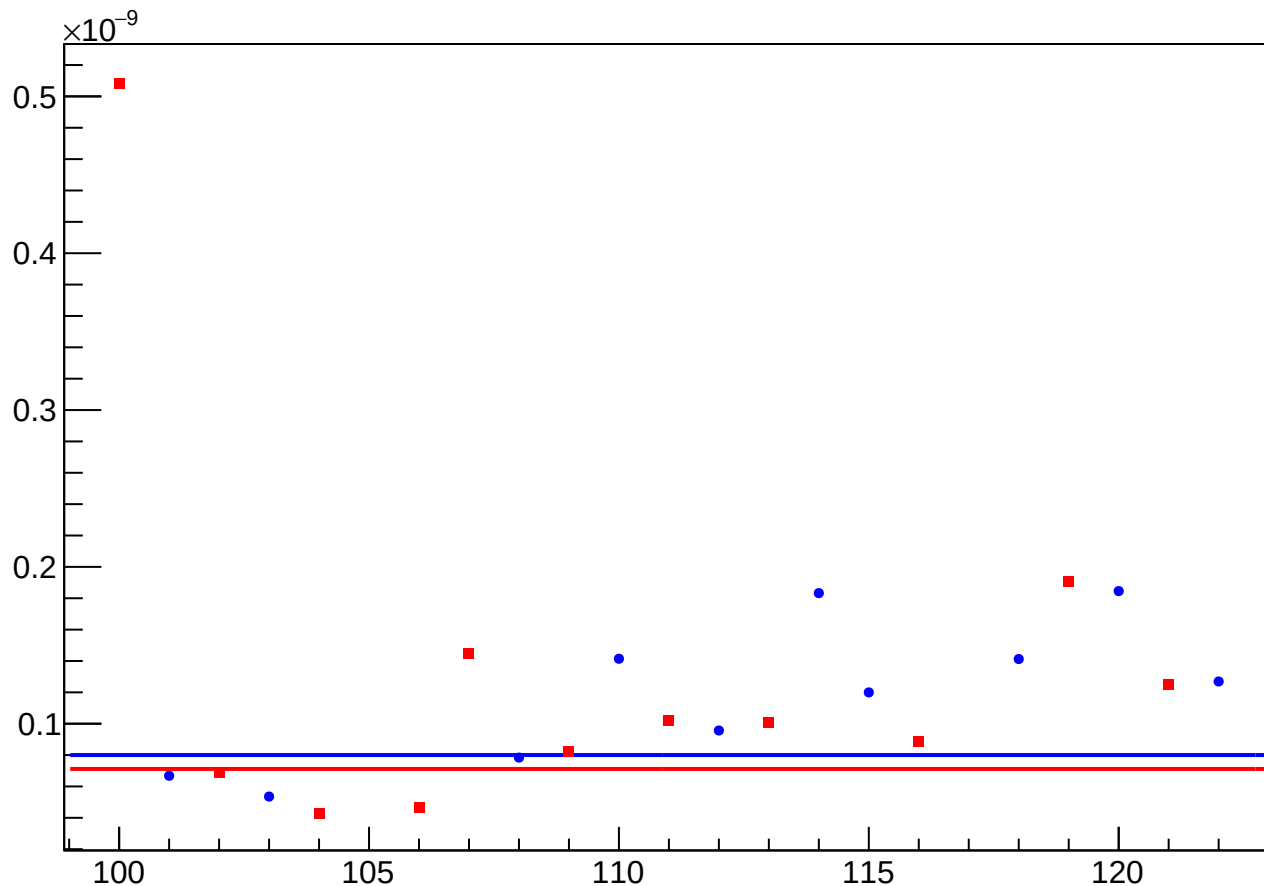
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/9
 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 : 18.7/20
 In: -0.000+/-0.000 χ^2/NDF : 6.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 18.7/20

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 423336.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 716938.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

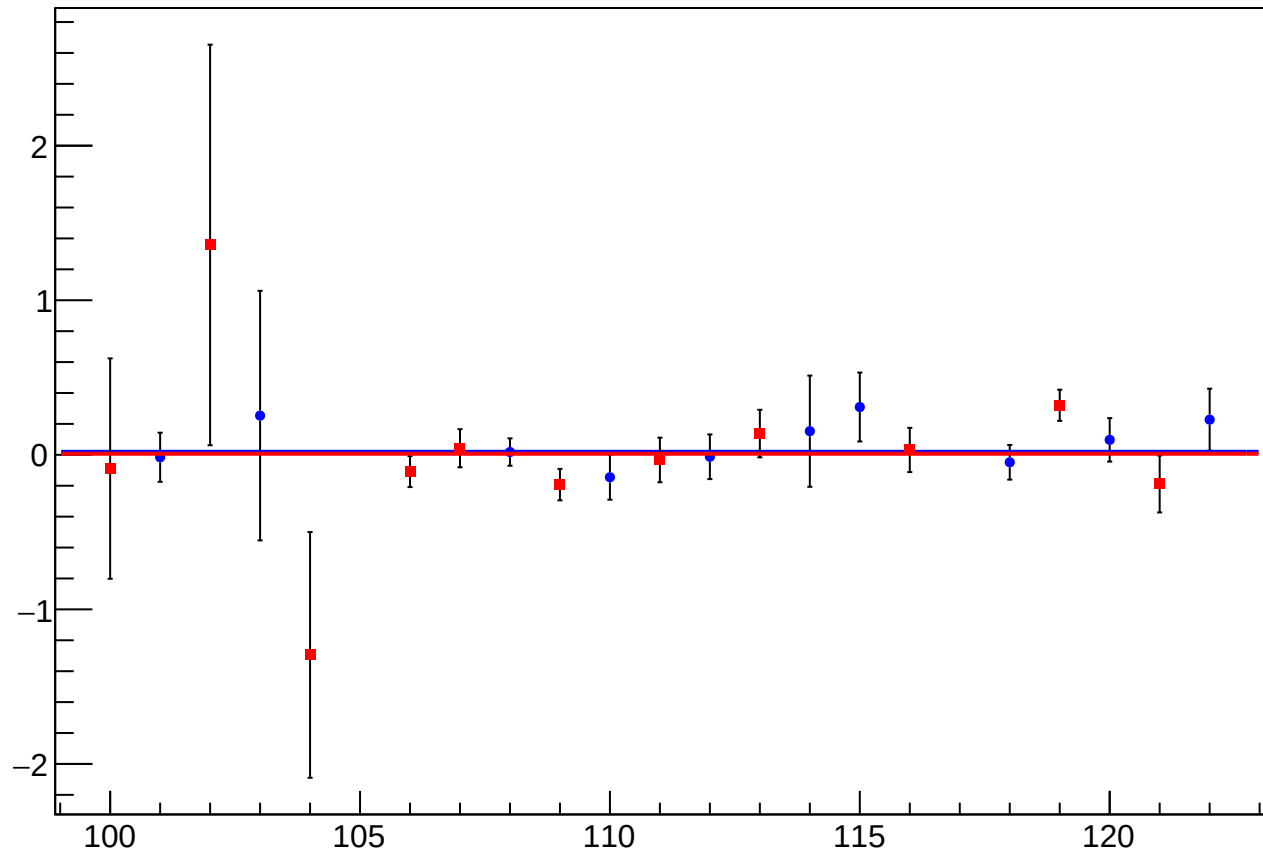
Right: 0.000+/-0.000 χ^2/NDF : 1158793.7/20

In: 0.000+/-0.000 χ^2/NDF : 423336.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1158793.7/20

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.043 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

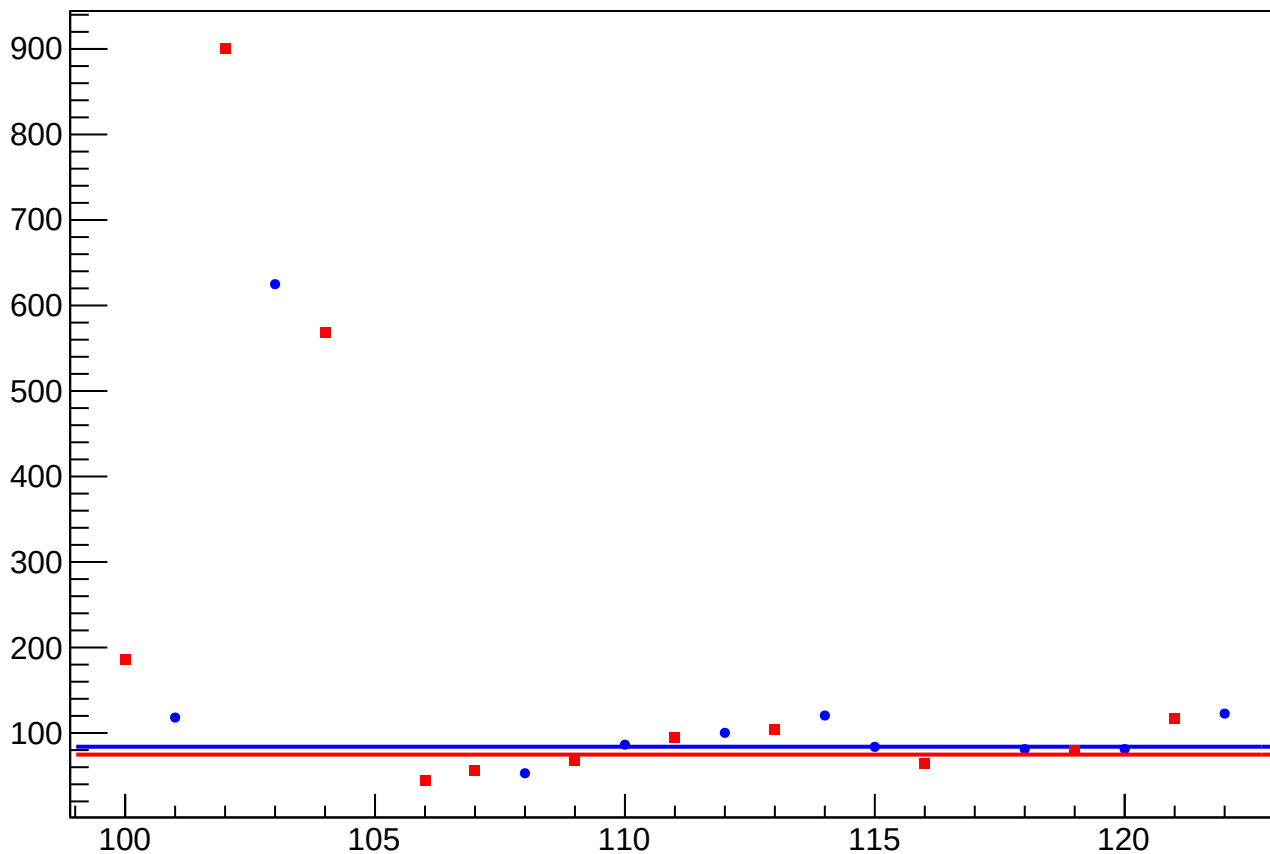
Right: 0.013+/-0.032 χ^2/NDF : 25.7/20

In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.032 χ^2/NDF : 25.7/20

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.959+/-0.033 χ^2/NDF : 1358211.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.757+/-0.031 χ^2/NDF : 2105106.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

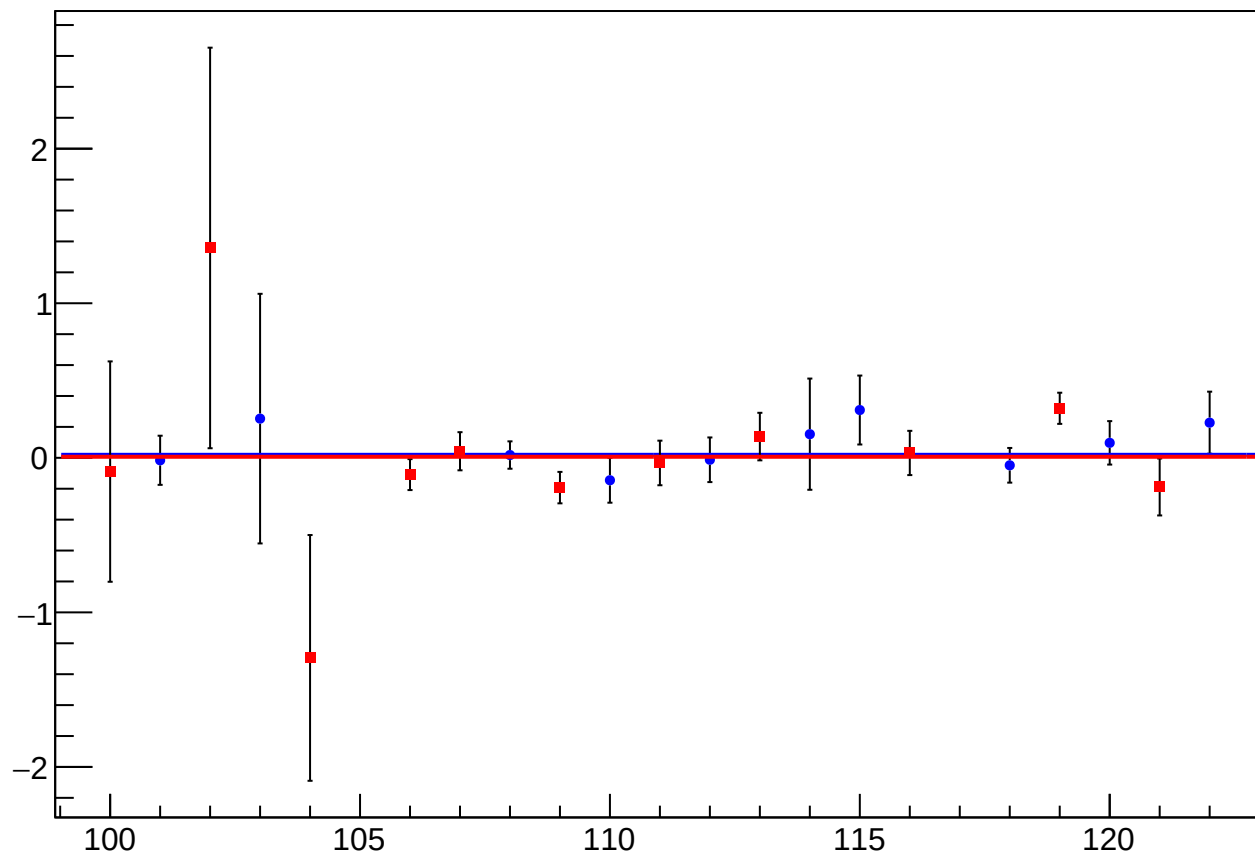
Right: 78.951+/-0.023 χ^2/NDF : 3504472.7/20

In: 83.959+/-0.033 χ^2/NDF : 1358211.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.951+/-0.023 χ^2/NDF : 3504472.7/20

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.043 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

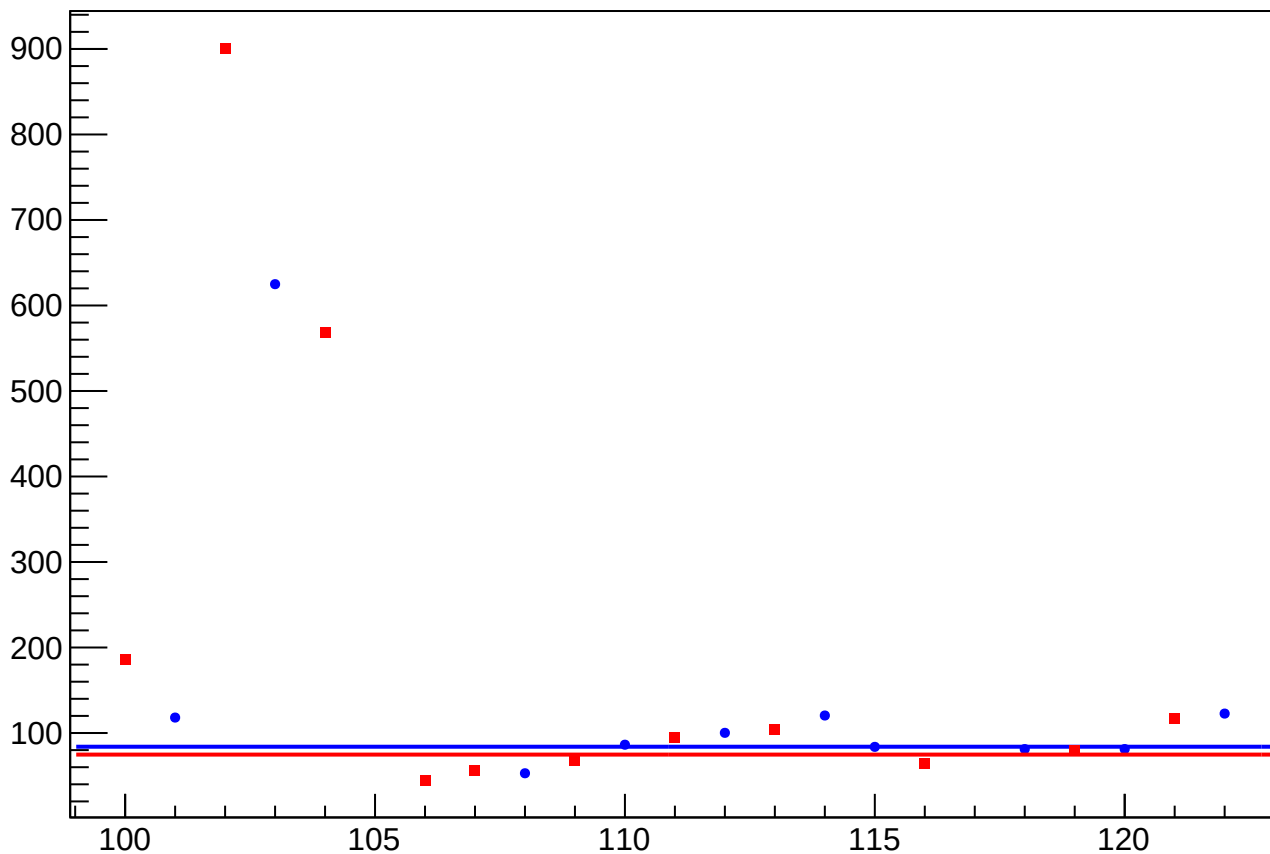
Right: 0.013+/-0.032 χ^2/NDF : 25.7/20

In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.032 χ^2/NDF : 25.7/20

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.959+/-0.033 χ^2/NDF : 1358211.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.757+/-0.031 χ^2/NDF : 2105106.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

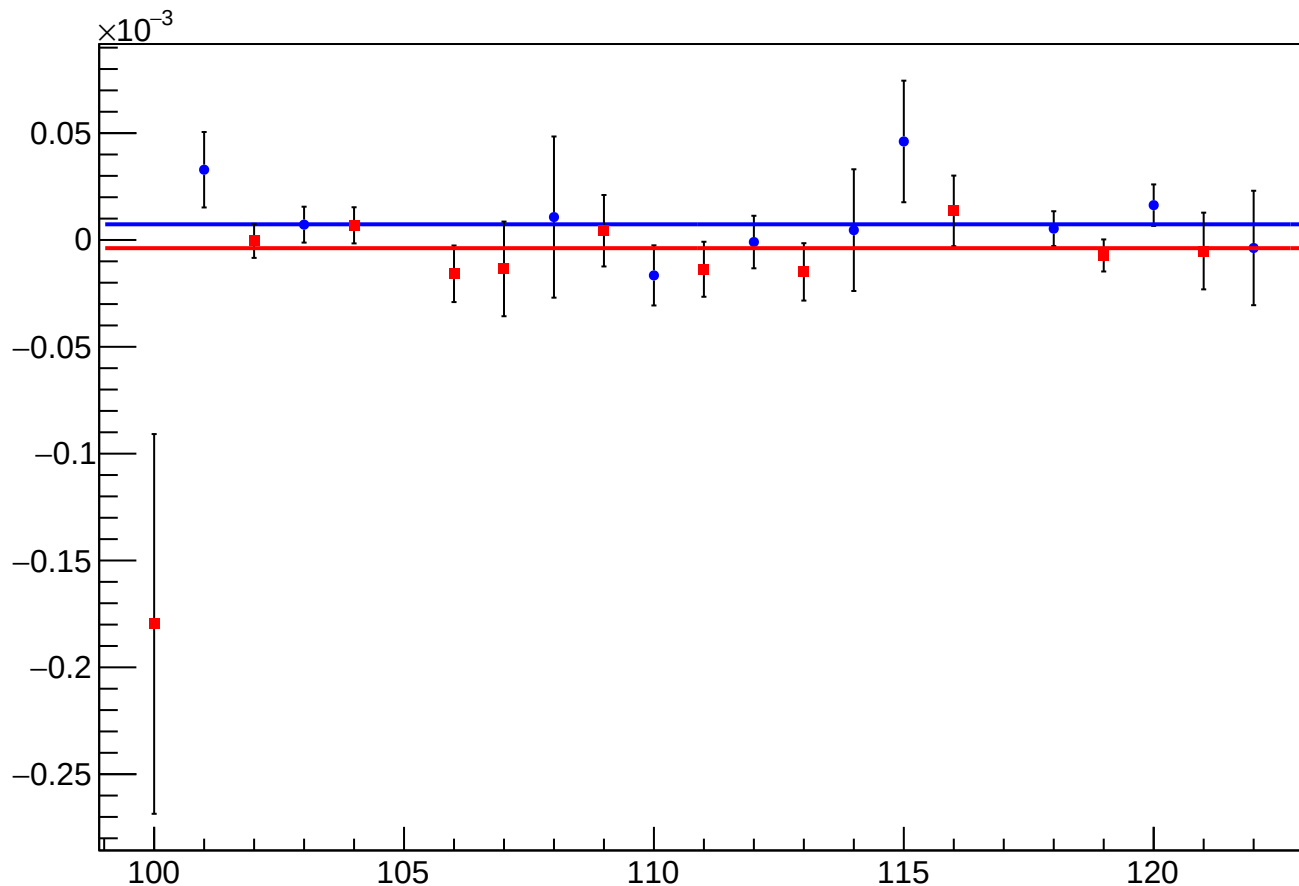
Right: 78.951+/-0.023 χ^2/NDF : 3504472.7/20

In: 83.959+/-0.033 χ^2/NDF : 1358211.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.951+/-0.023 χ^2/NDF : 3504472.7/20

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 : 8.4/9

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

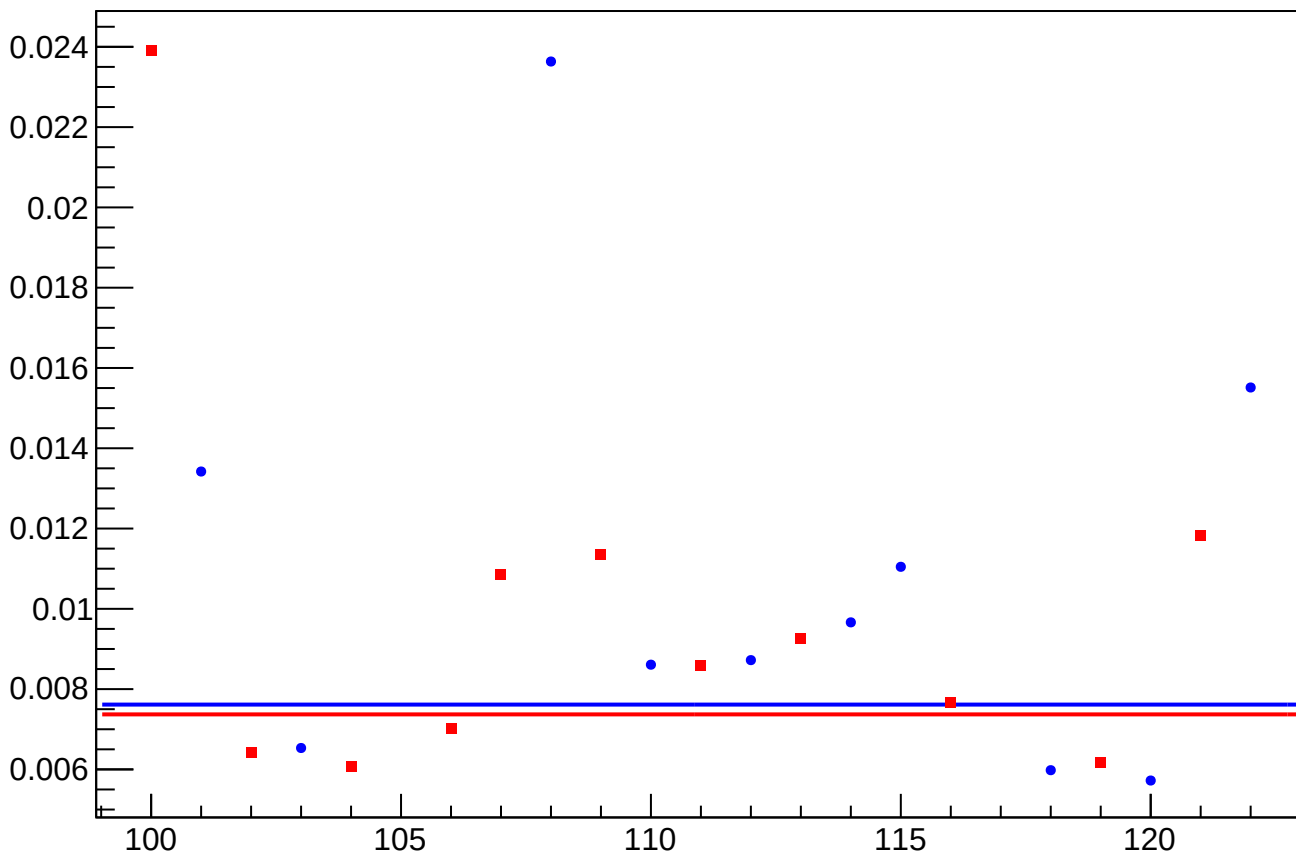
Right: 0.000+/-0.000 χ^2/NDF : 22.1/20

In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.1/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1006406.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 541084.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

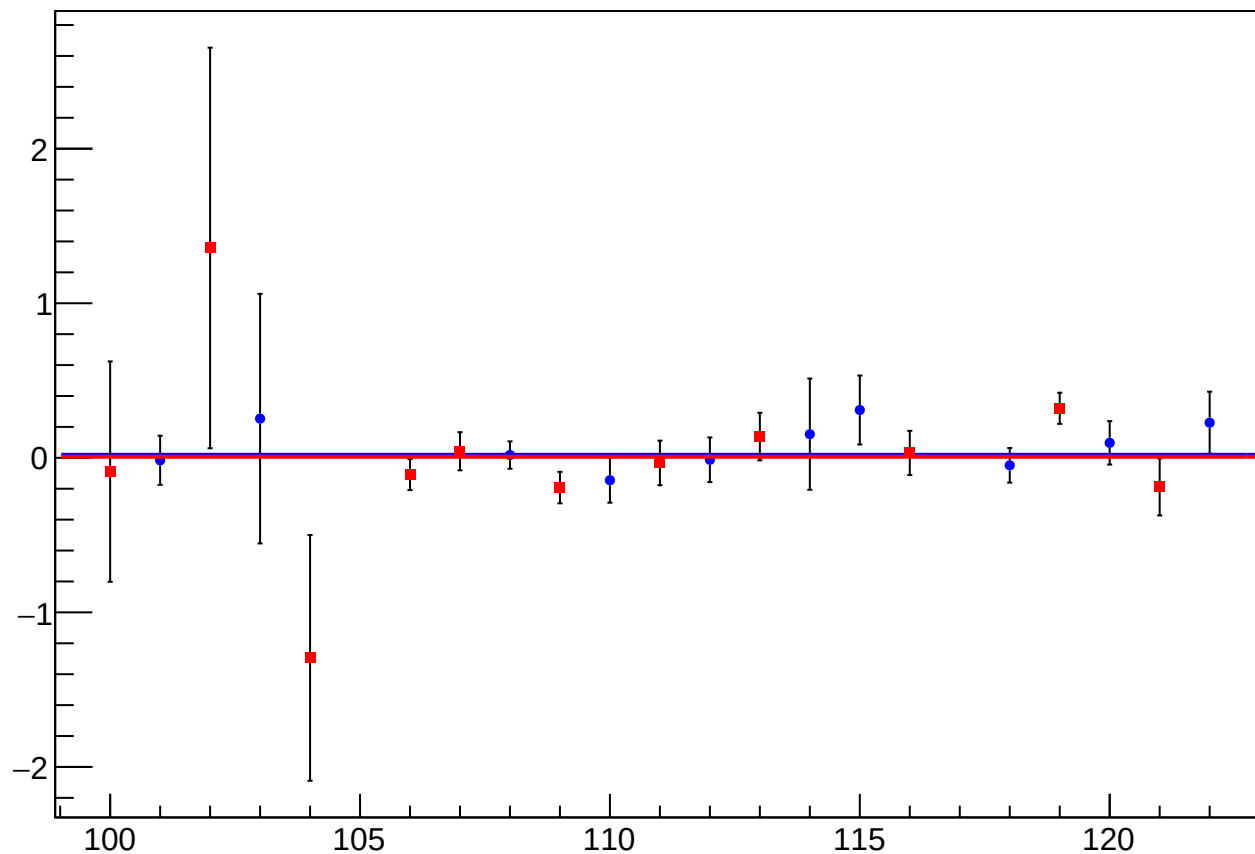
Right: 0.007+/-0.000 χ^2/NDF : 1551493.4/20

In: 0.008+/-0.000 χ^2/NDF :1006406.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1551493.4/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.043 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

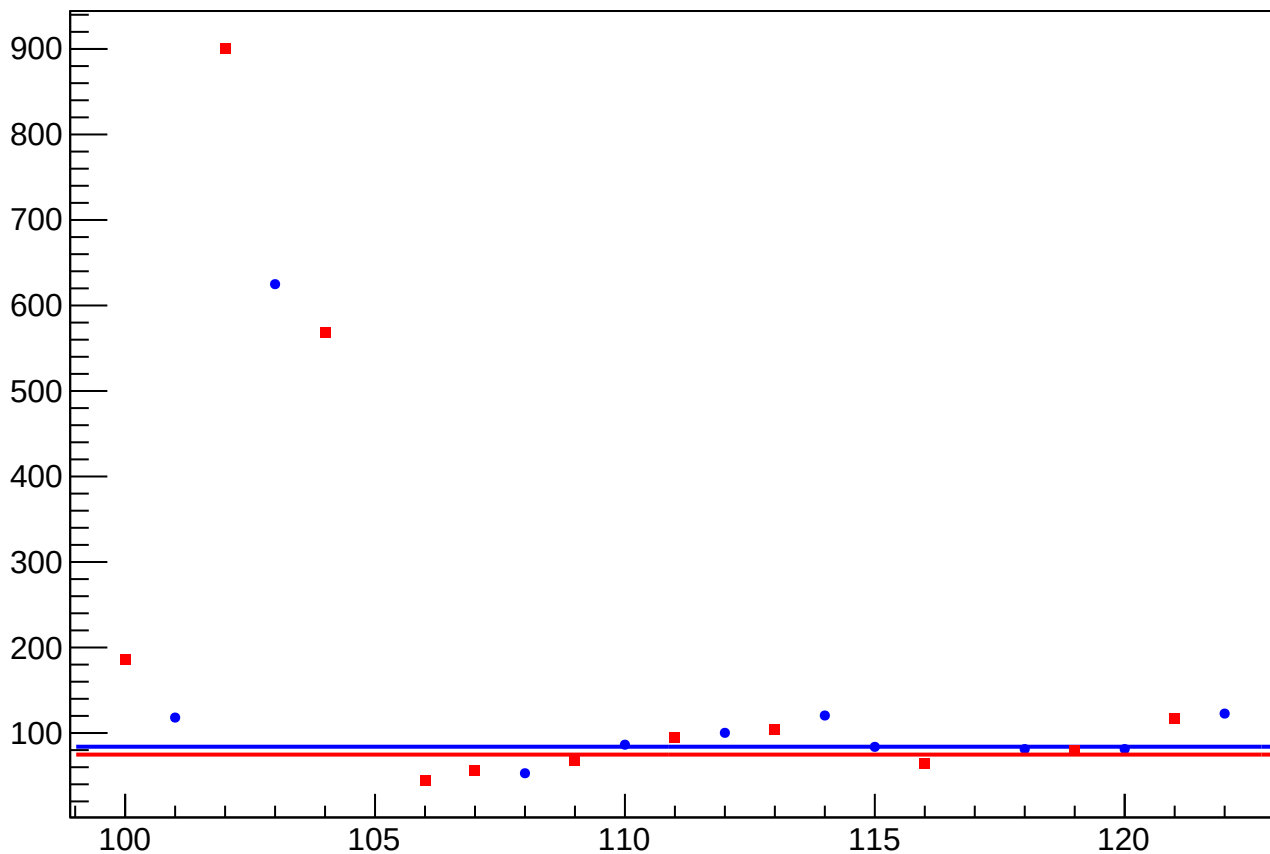
Right: 0.013+/-0.032 χ^2/NDF : 25.7/20

In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.032 χ^2/NDF : 25.7/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.964+/-0.033 χ^2/NDF : 1358024.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.757+/-0.031 χ^2/NDF : 2105097.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

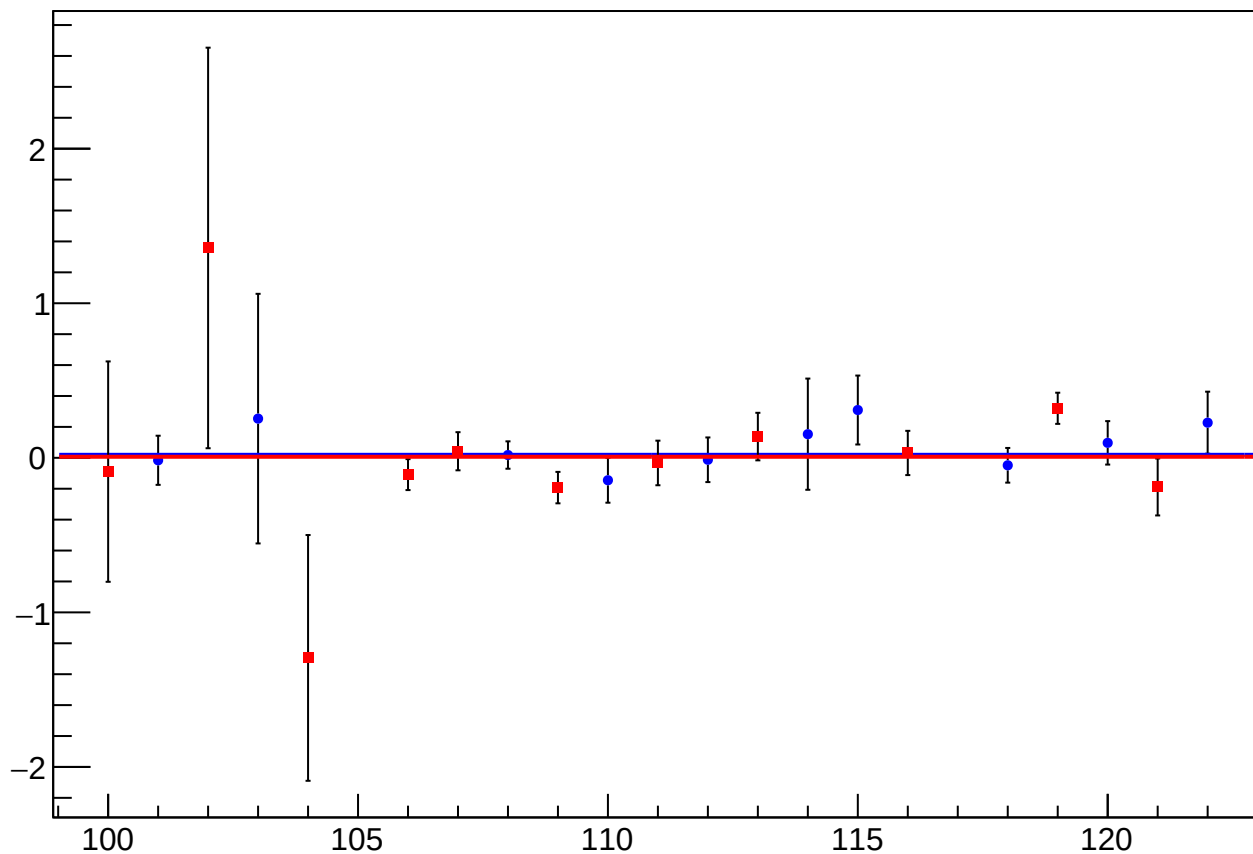
Right: 78.953+/-0.023 χ^2/NDF : 3504321.0/20

In: 83.964+/-0.033 χ^2/NDF : 1358024.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.953+/-0.023 χ^2/NDF : 3504321.0/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.043 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

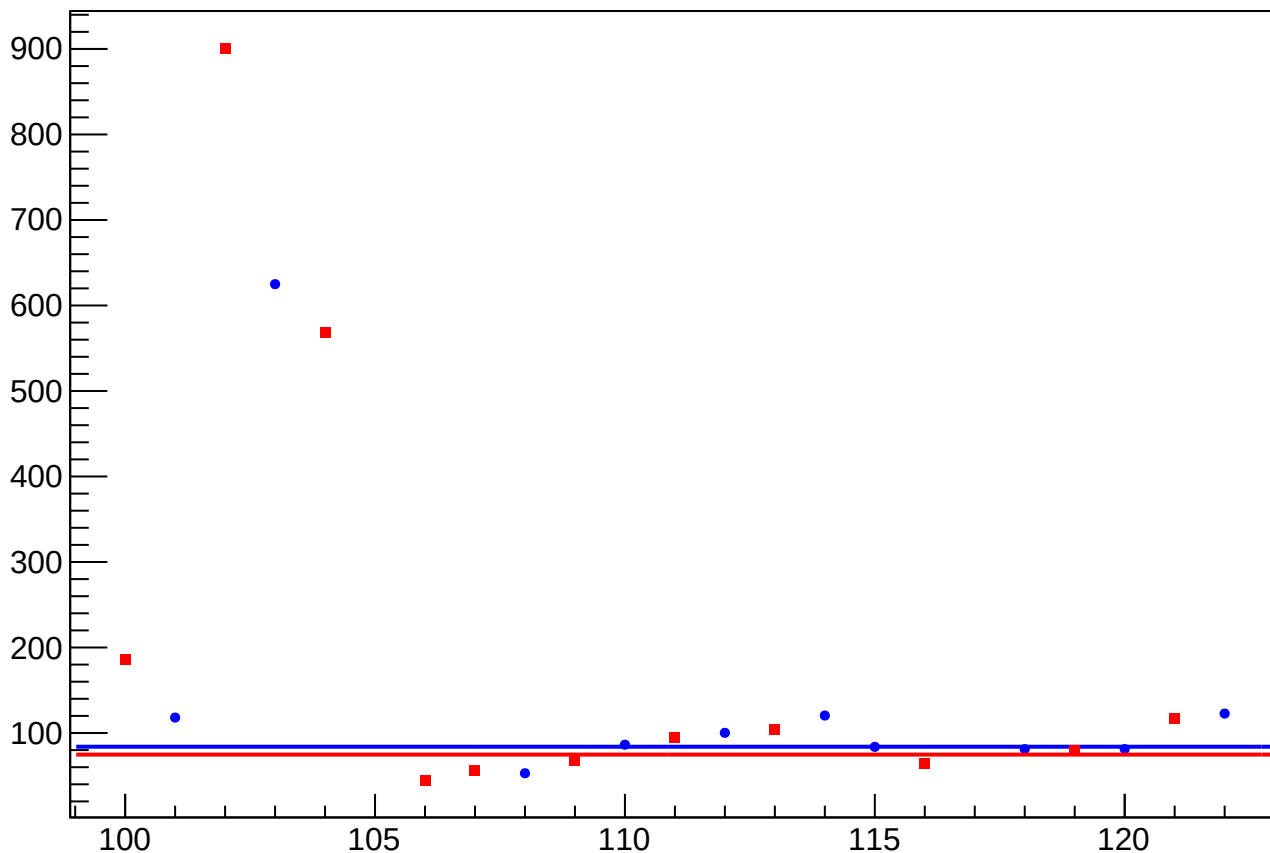
Right: 0.013+/-0.032 χ^2/NDF : 25.7/20

In: 0.019+/-0.047 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.032 χ^2/NDF : 25.7/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.964+/-0.033 χ^2/NDF : 1358024.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.757+/-0.031 χ^2/NDF : 2105097.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

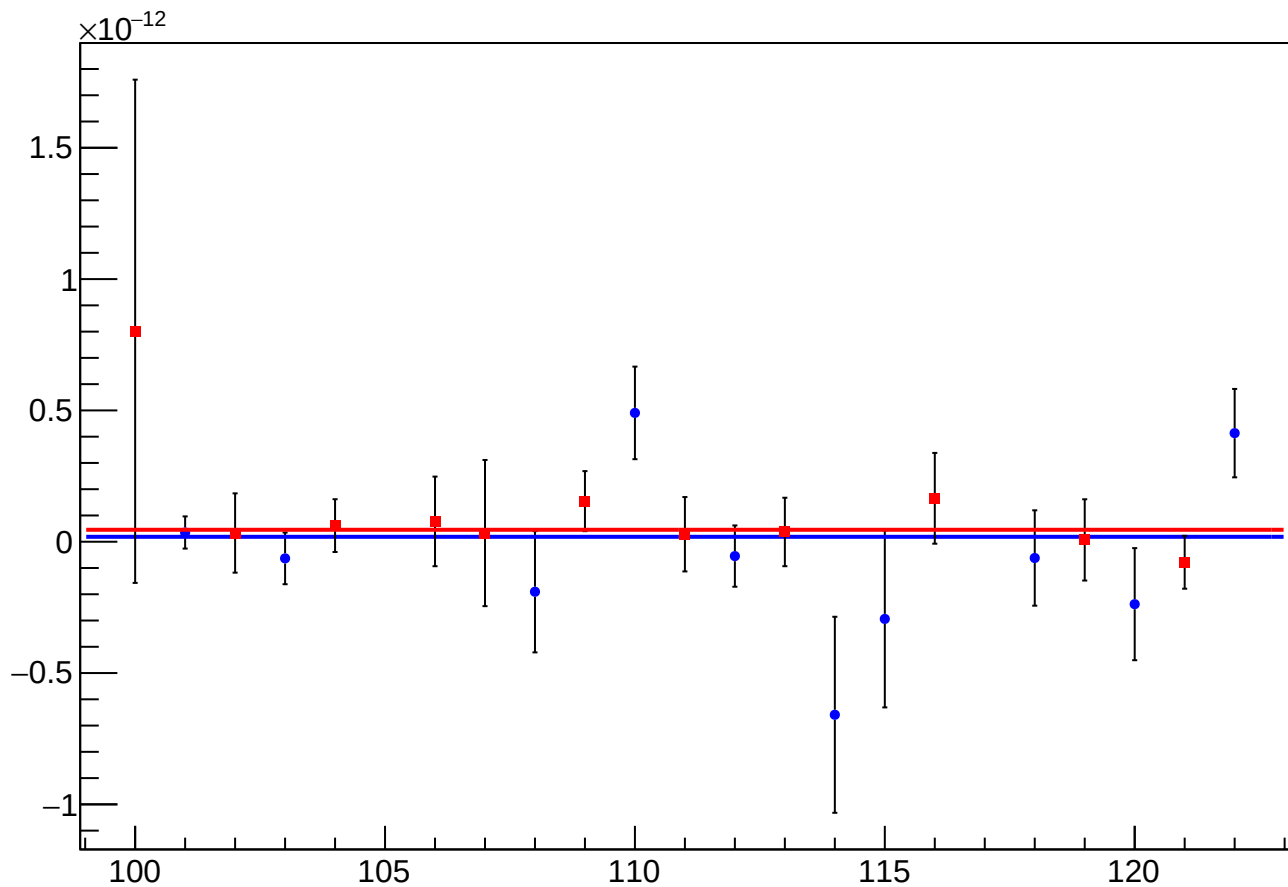
Right: 78.953+/-0.023 χ^2/NDF : 3504321.0/20

In: 83.964+/-0.033 χ^2/NDF : 1358024.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.953+/-0.023 χ^2/NDF : 3504321.0/20

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 : 20.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

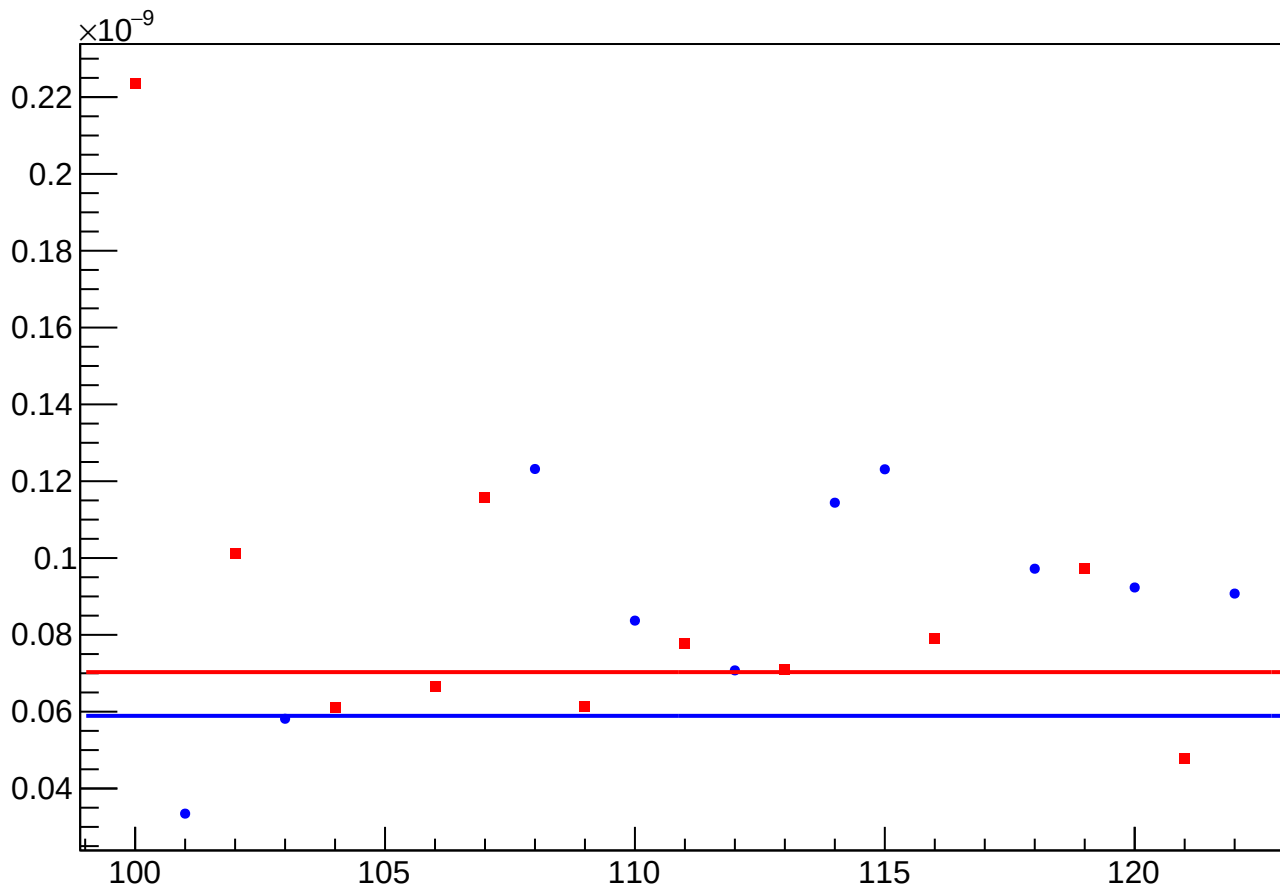
Right: 0.000+/-0.000 χ^2/NDF : 24.3/20

In: 0.000+/-0.000 χ^2/NDF : 20.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.3/20

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 : 886706.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 388507.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

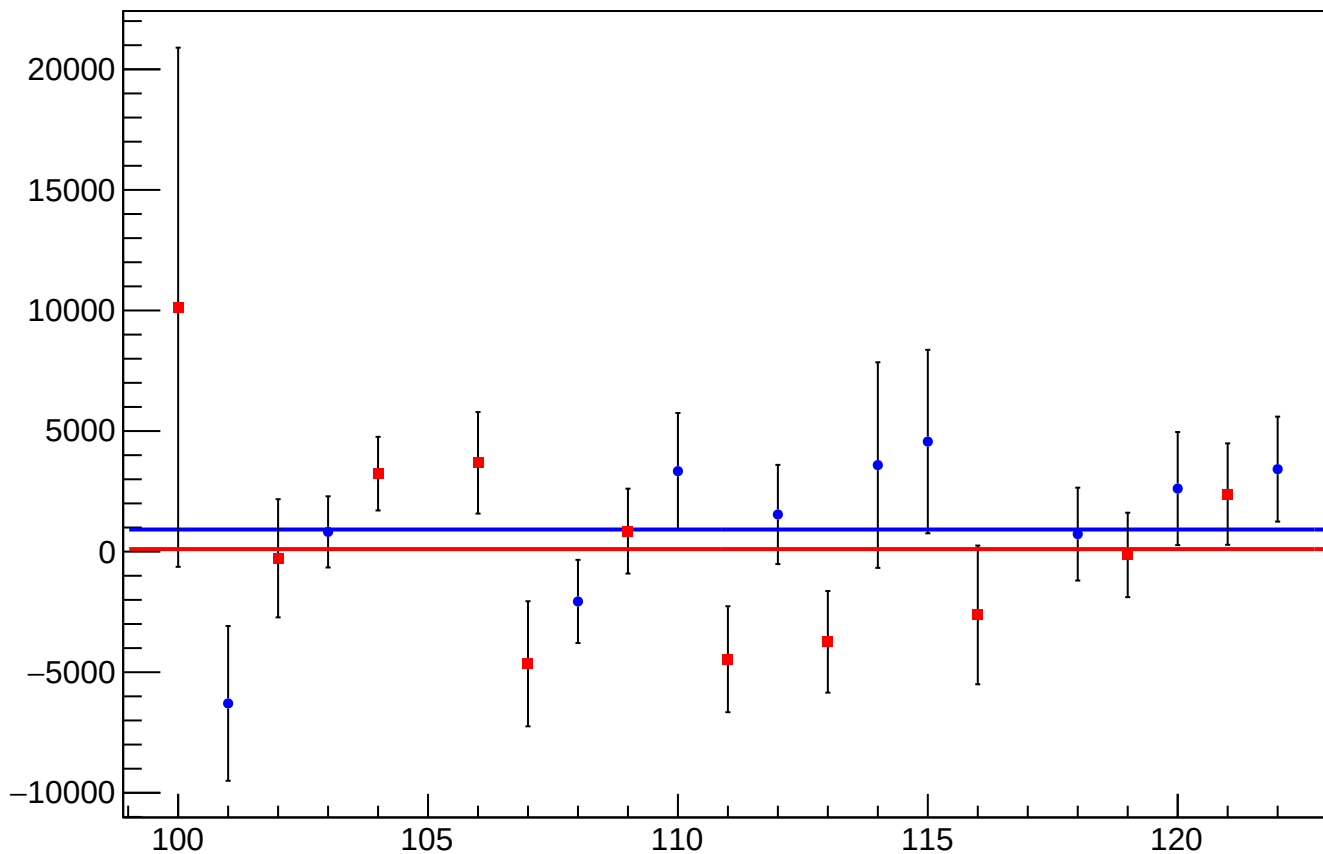
Right: 0.000+/-0.000 χ^2/NDF : 1349473.6/20

In: 0.000+/-0.000 χ^2/NDF : 886706.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1349473.6/20

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 917.729+/-692.021 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.390+/-644.578 χ^2/NDF : 21.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

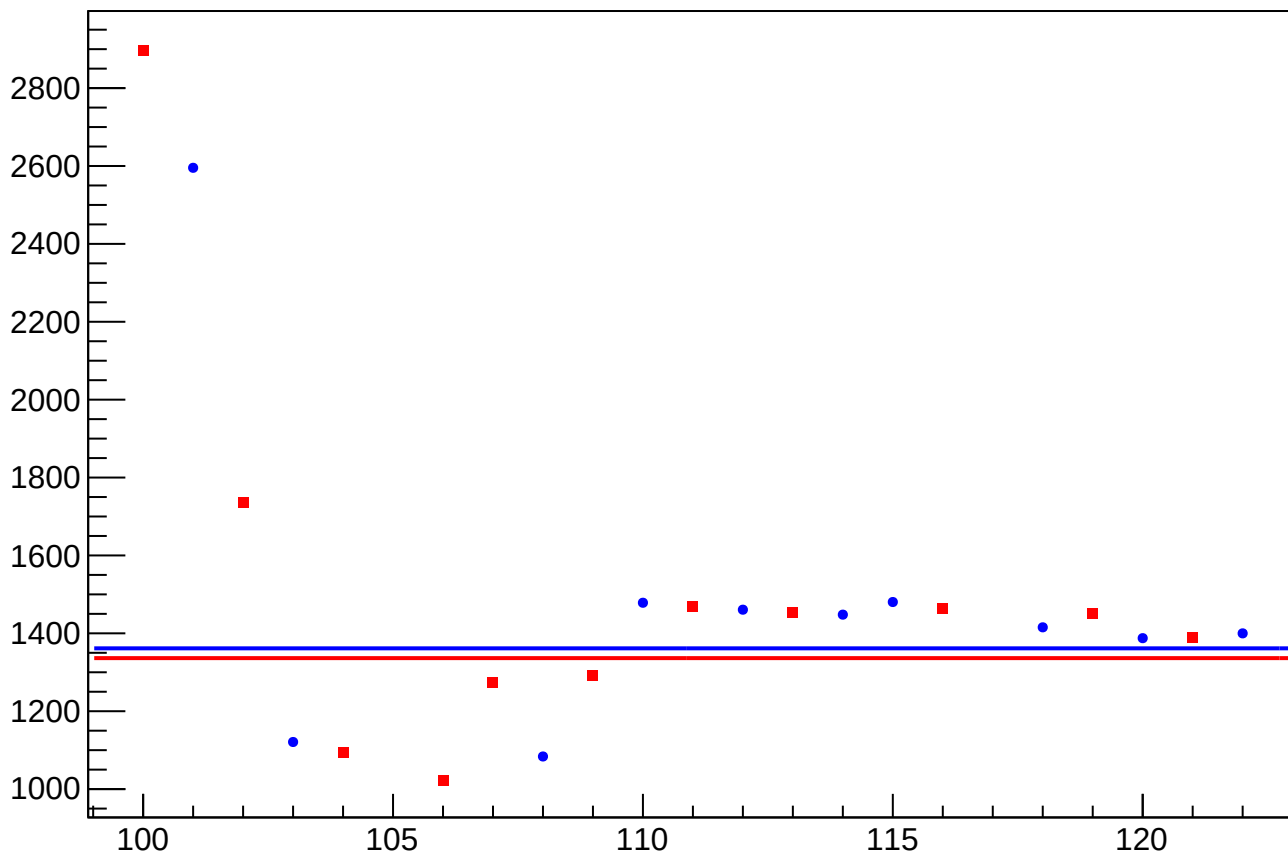
Right: 483.297+/-471.666 χ^2/NDF : 34.3/20

In: 917.729+/-692.021 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.297+/-471.666 χ^2/NDF : 34.3/20

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1361.458+/-0.489 χ^2/NDF : 415364.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.330+/-0.456 χ^2/NDF : 219755.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

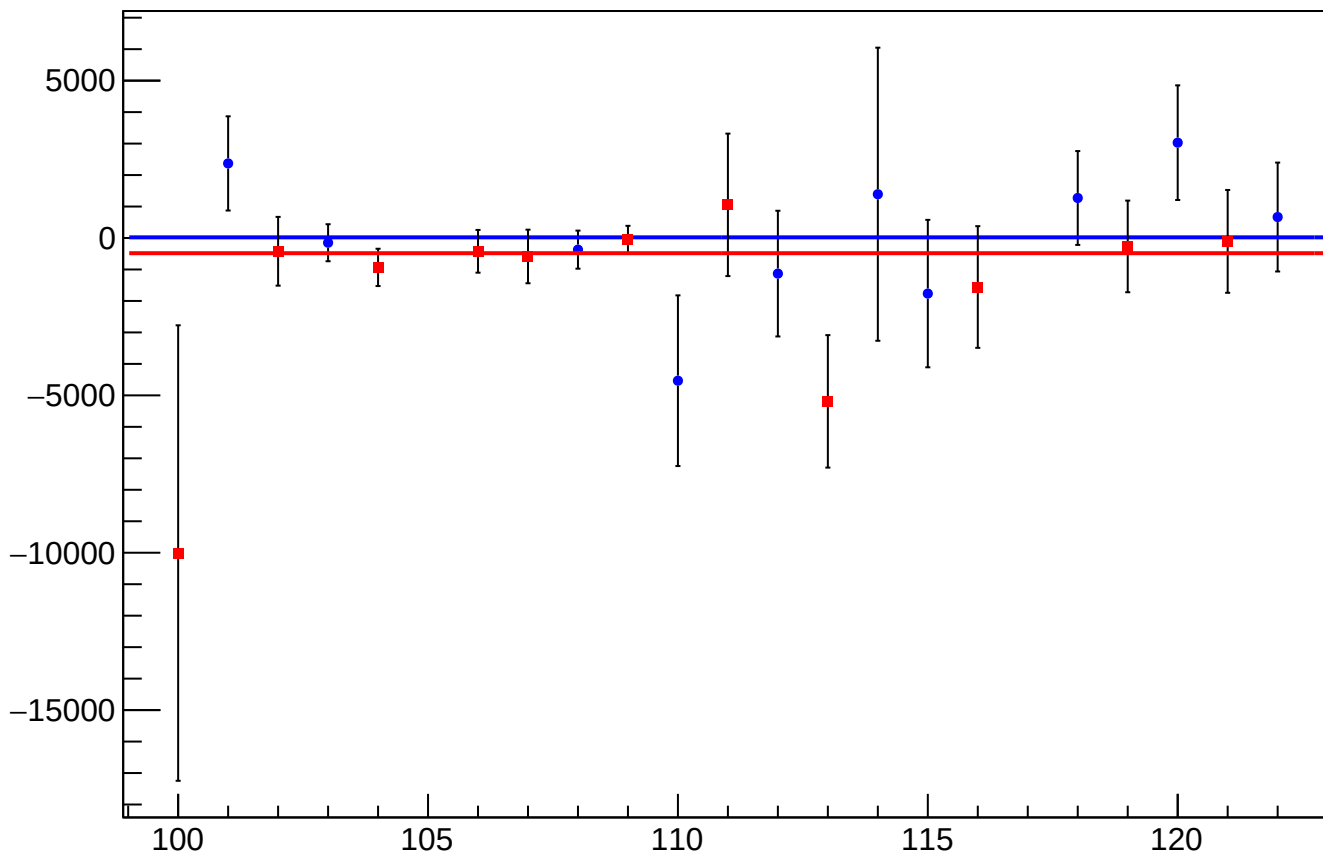
Right: 1348.003+/-0.334 χ^2/NDF : 636531.3/20

In: 1361.458+/-0.489 χ^2/NDF : 415364.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.003+/-0.334 χ^2/NDF : 636531.3/20

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 20.826+/-358.660 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -482.482+/-267.412 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

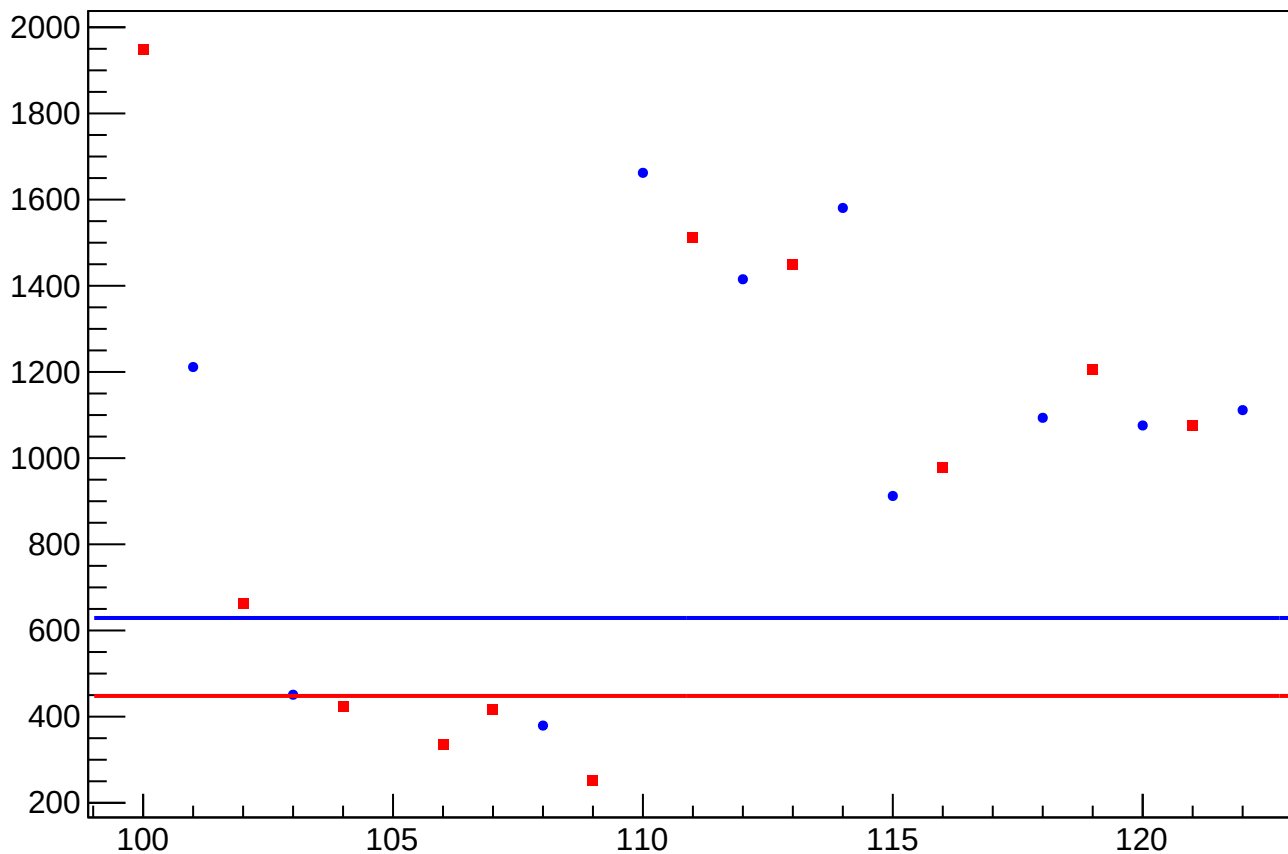
Right: -302.658+/-214.383 χ^2/NDF : 20.8/20

In: 20.826+/-358.660 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.658+/-214.383 χ^2/NDF : 20.8/20

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 629.024+/-0.254 χ^2/NDF : 2010699.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 448.079+/-0.189 χ^2/NDF : 2508313.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

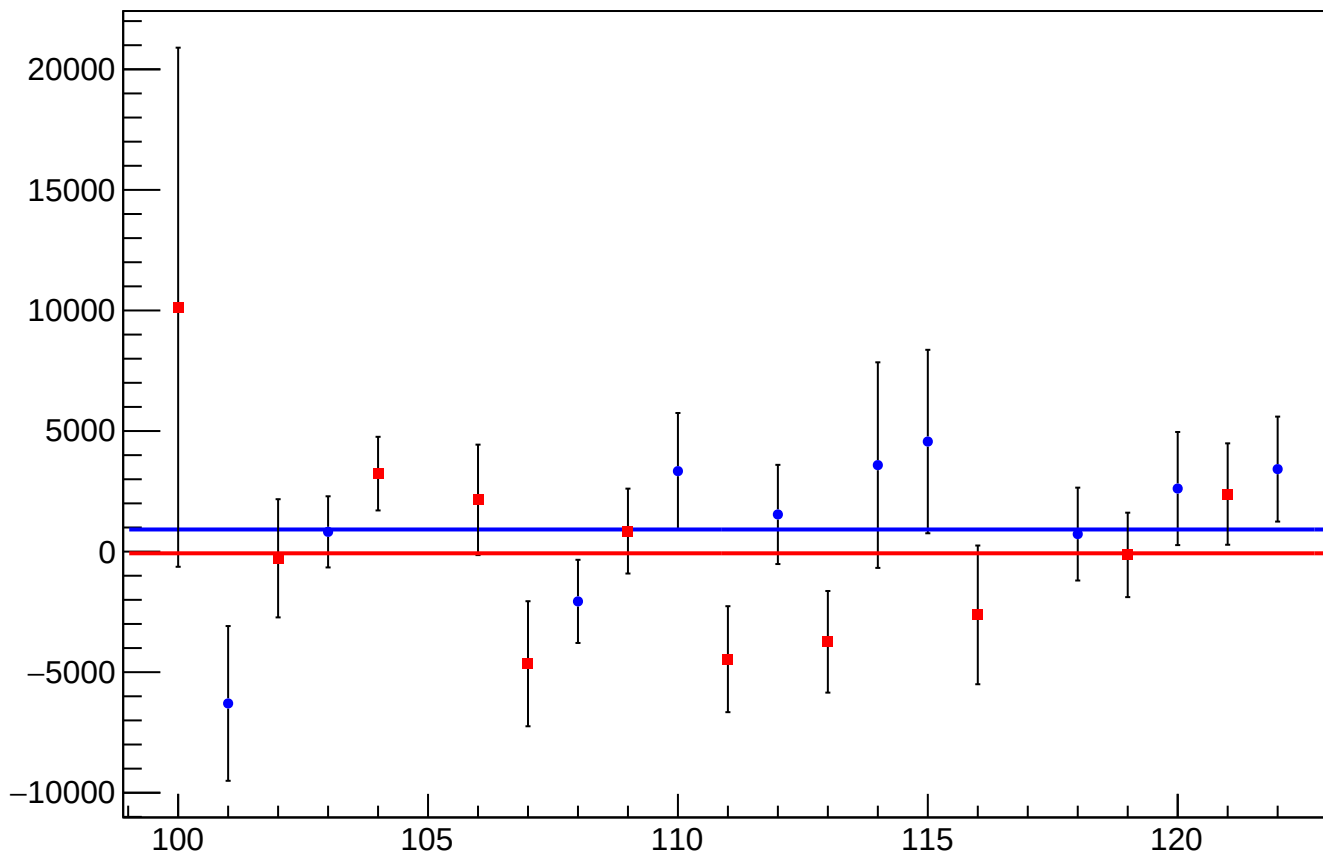
Right: 512.728+/-0.152 χ^2/NDF : 4846185.9/20

In: 629.024+/-0.254 χ^2/NDF :2010699.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 512.728+/-0.152 χ^2/NDF : 4846185.9/20

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 917.551+/-692.021 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.232+/-649.303 χ^2/NDF : 19.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

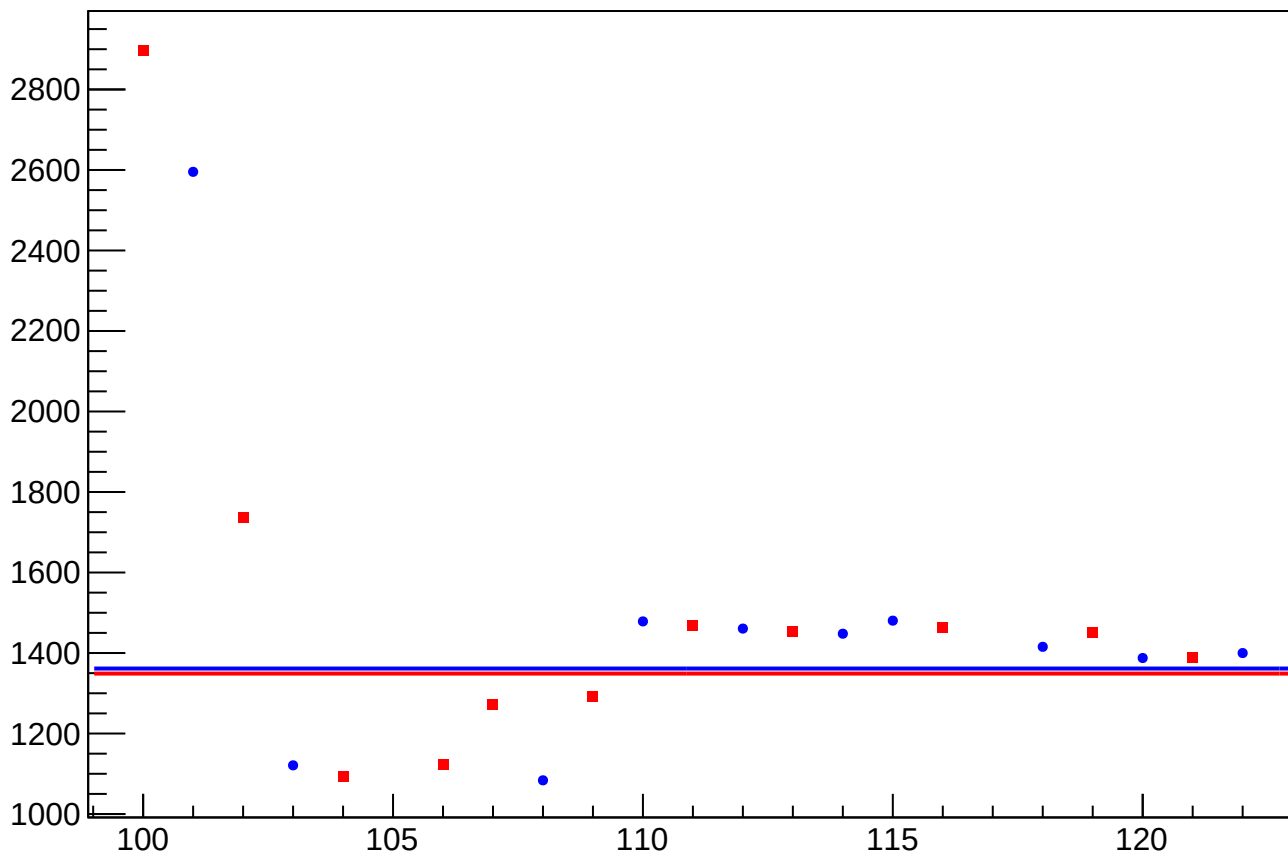
Right: 392.232+/-473.508 χ^2/NDF : 32.5/20

In: 917.551+/-692.021 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.232+/-473.508 χ^2/NDF : 32.5/20

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1361.458+/-0.489 χ^2/NDF : 415364.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1348.916+/-0.459 χ^2/NDF : 192176.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

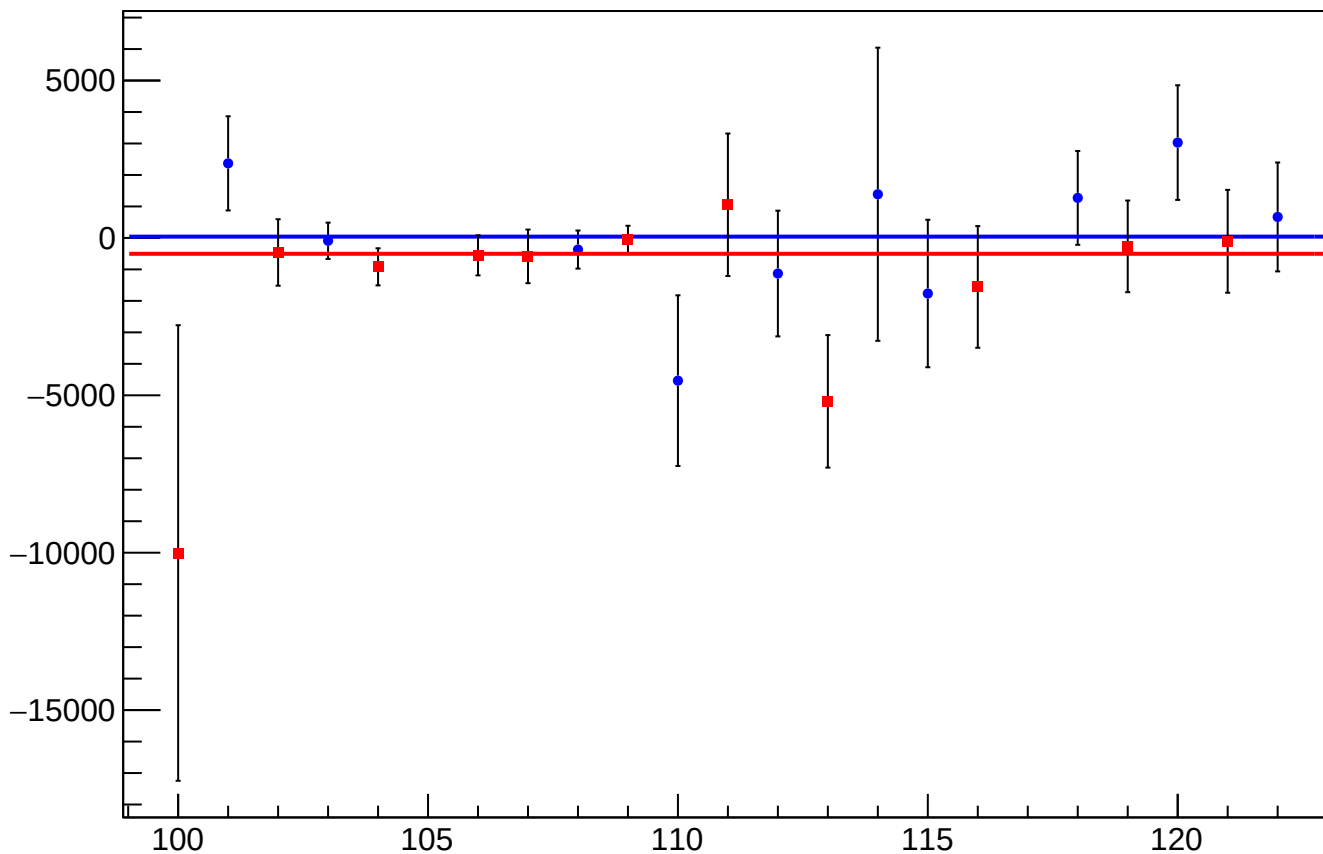
Right: 1354.788+/-0.335 χ^2/NDF : 607889.8/20

In: 1361.458+/-0.489 χ^2/NDF : 415364.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.788+/-0.335 χ^2/NDF : 607889.8/20

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.126+/-356.077 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -504.038+/-263.738 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

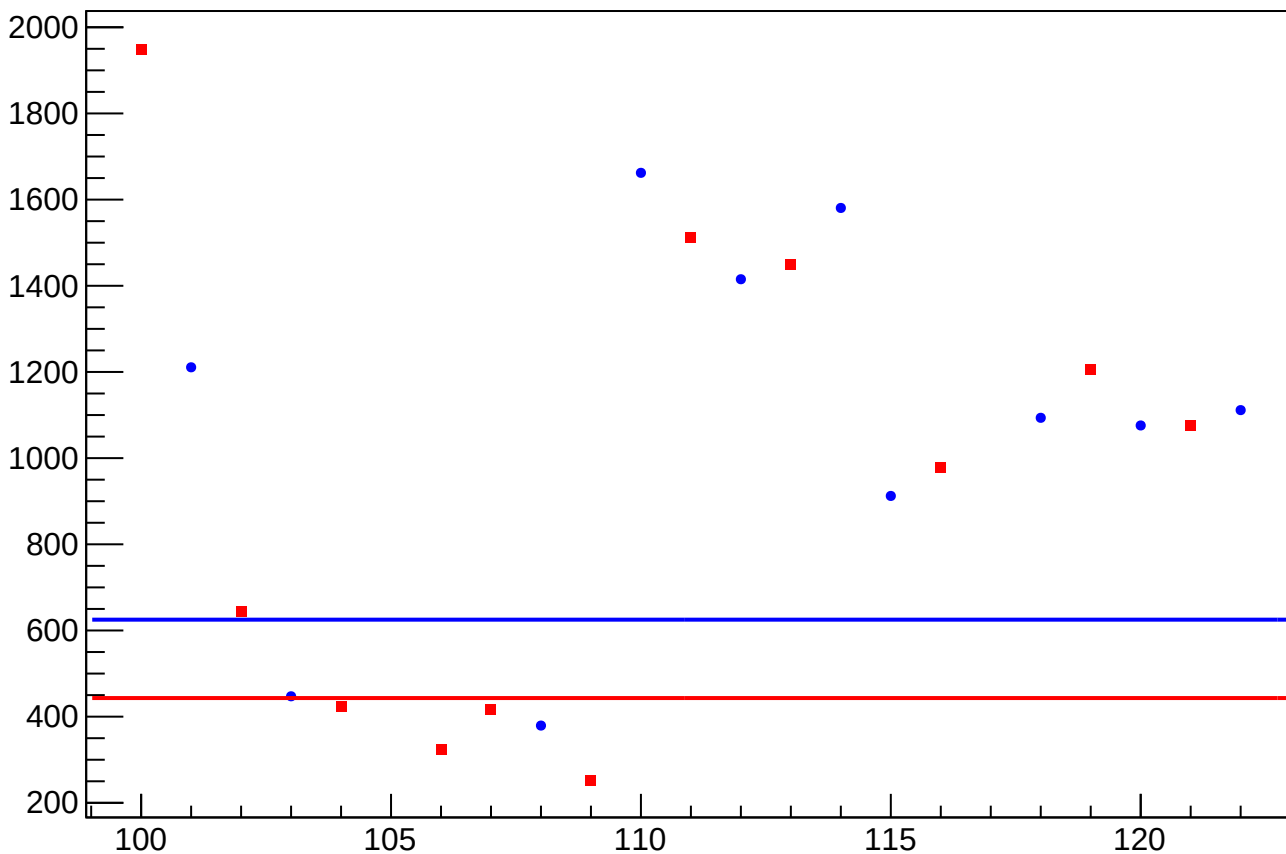
Right: -310.910+/-211.935 χ^2/NDF : 20.9/20

In: 41.126+/-356.077 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.910+/-211.935 χ^2/NDF : 20.9/20

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 625.102+/-0.252 χ^2/NDF : 2025028.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.168+/-0.186 χ^2/NDF : 2519574.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

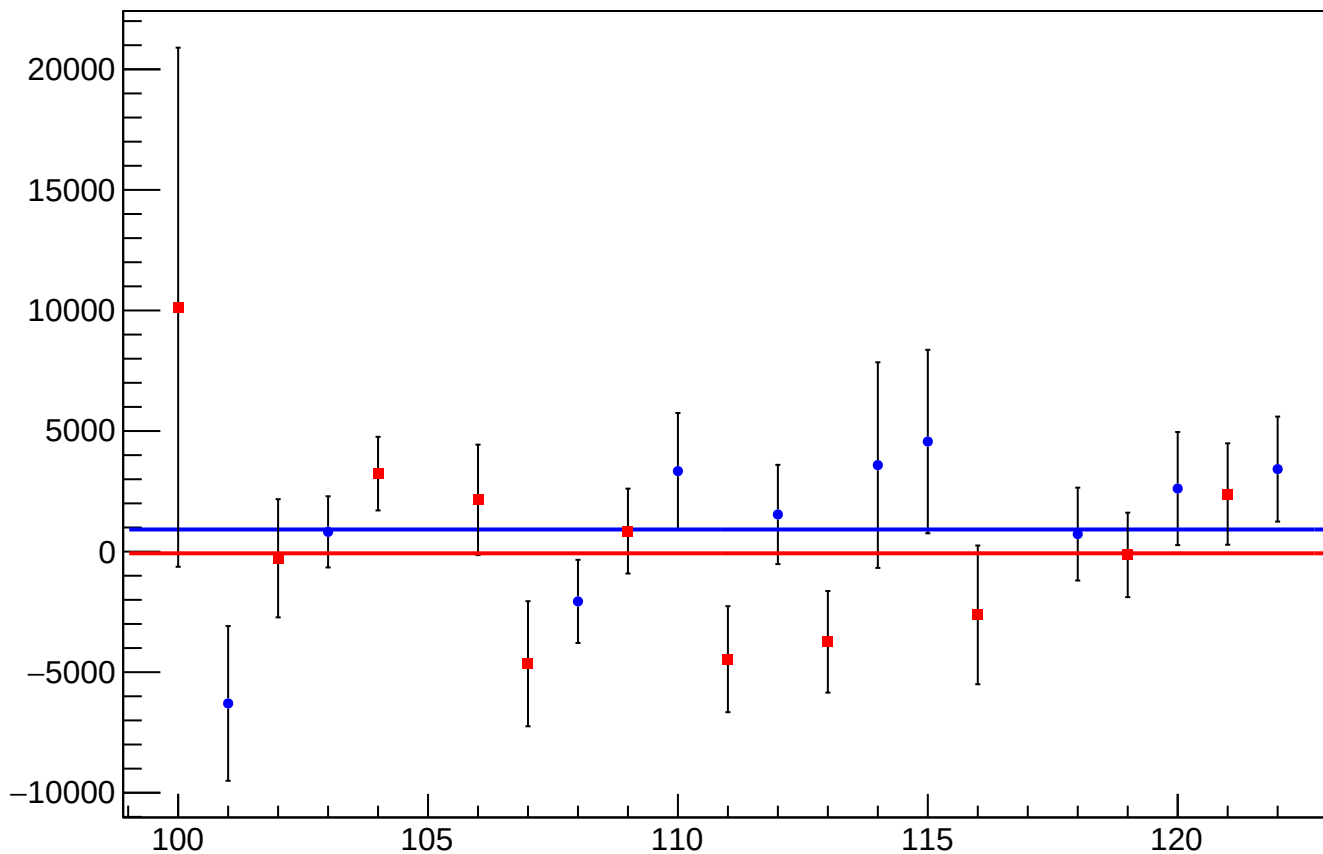
Right: 507.620+/-0.150 χ^2/NDF : 4881755.6/20

In: 625.102+/-0.252 χ^2/NDF : 2025028.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.620+/-0.150 χ^2/NDF : 4881755.6/20

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 917.551+/-692.021 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -70.232+/-649.303 χ^2/NDF : 19.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

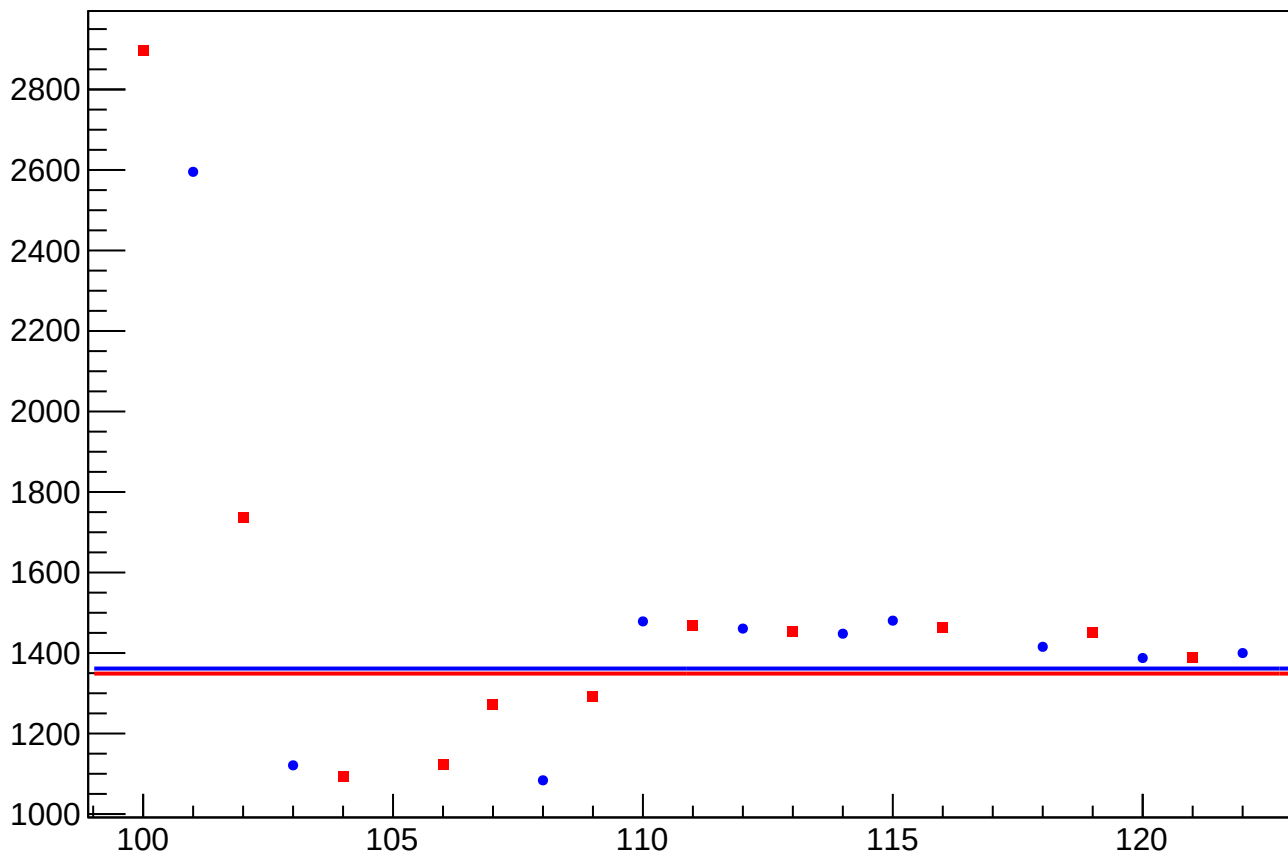
Right: 392.232+/-473.508 χ^2/NDF : 32.5/20

In: 917.551+/-692.021 χ^2/NDF :12.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 392.232+/-473.508 χ^2/NDF : 32.5/20

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1361.458+/-0.489 χ^2/NDF : 415364.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1348.916+/-0.459 χ^2/NDF : 192176.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

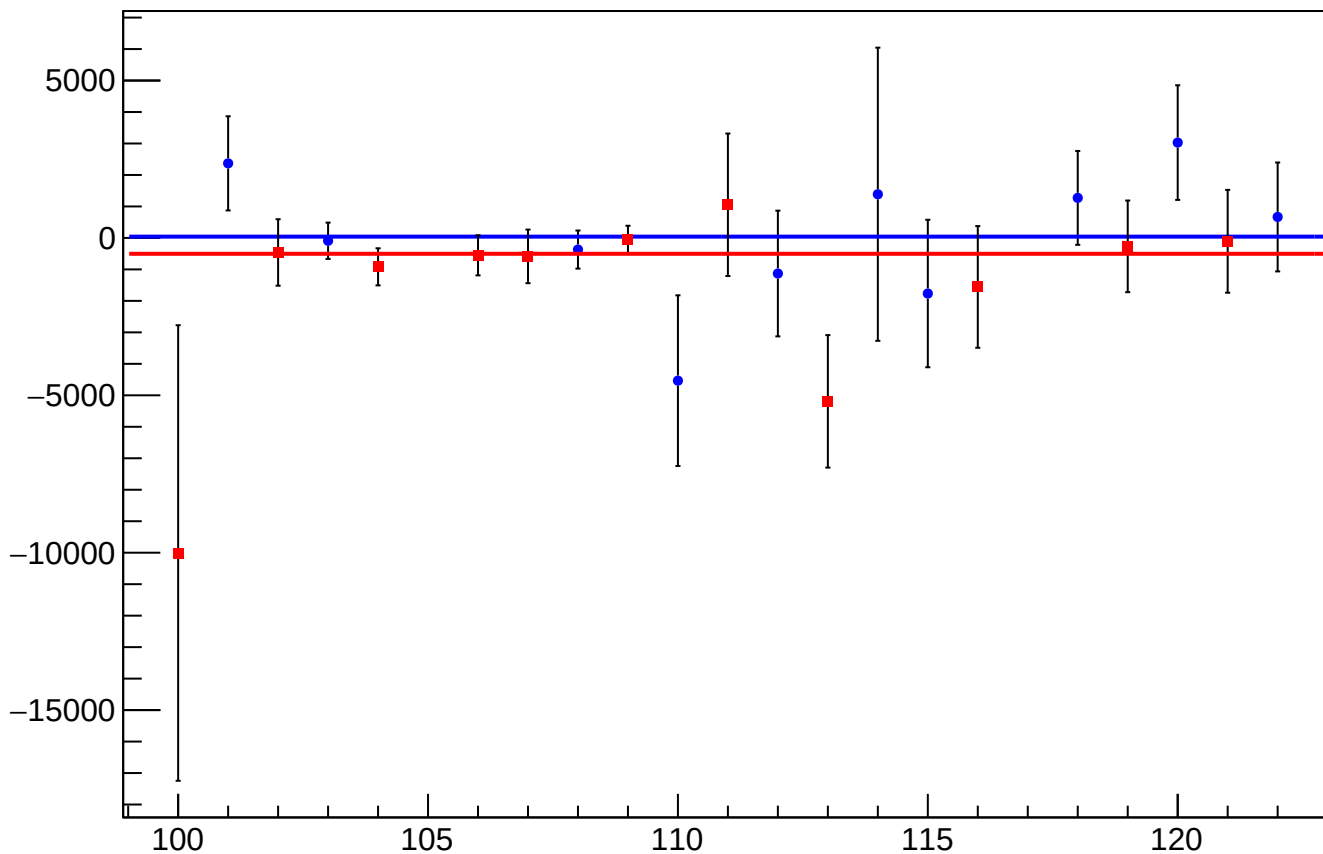
Right: 1354.788+/-0.335 χ^2/NDF : 607889.8/20

In: 1361.458+/-0.489 χ^2/NDF :415364.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1354.788+/-0.335 χ^2/NDF : 607889.8/20

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.126+/-356.077 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -504.038+/-263.738 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

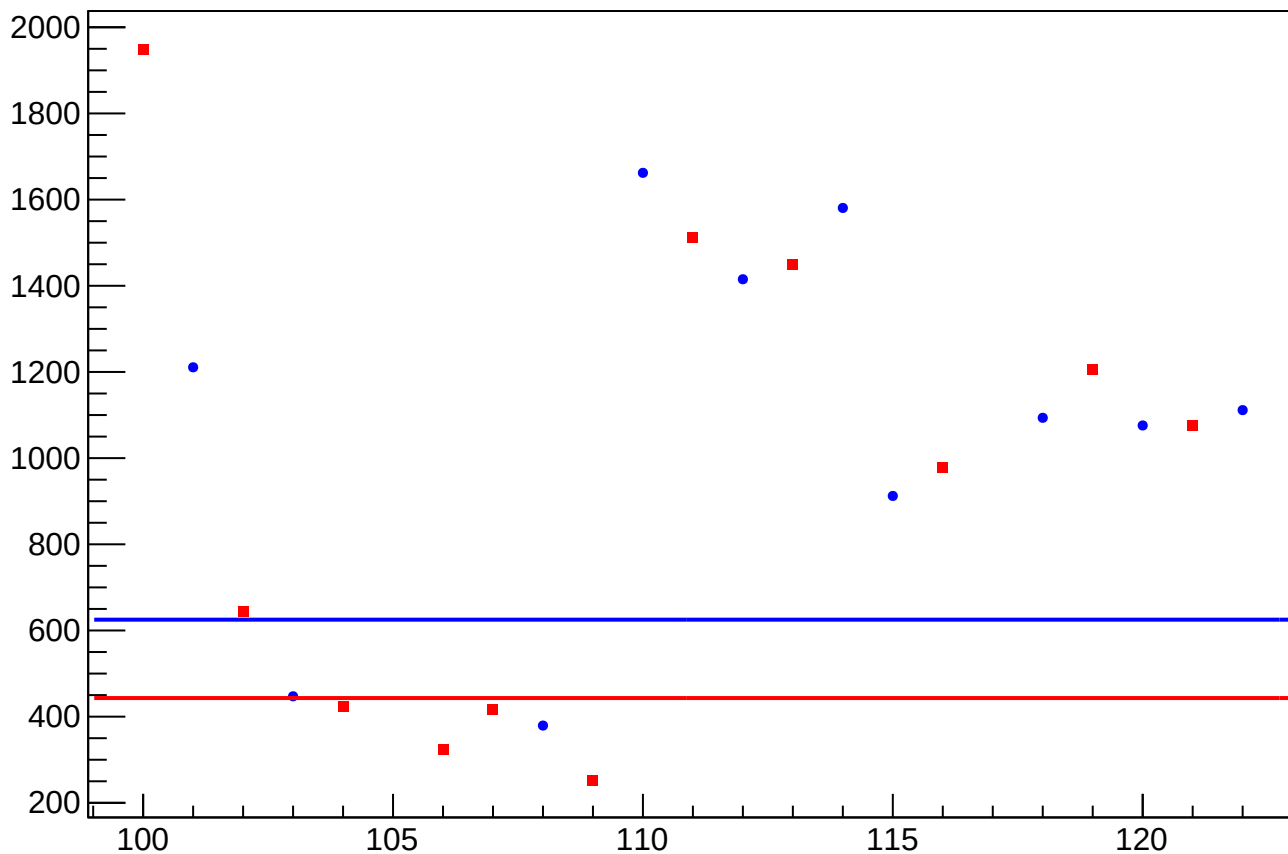
Right: -310.910+/-211.935 χ^2/NDF : 20.9/20

In: 41.126+/-356.077 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.910+/-211.935 χ^2/NDF : 20.9/20

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 625.102+/-0.252 χ^2/NDF : 2025028.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.168+/-0.186 χ^2/NDF : 2519574.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

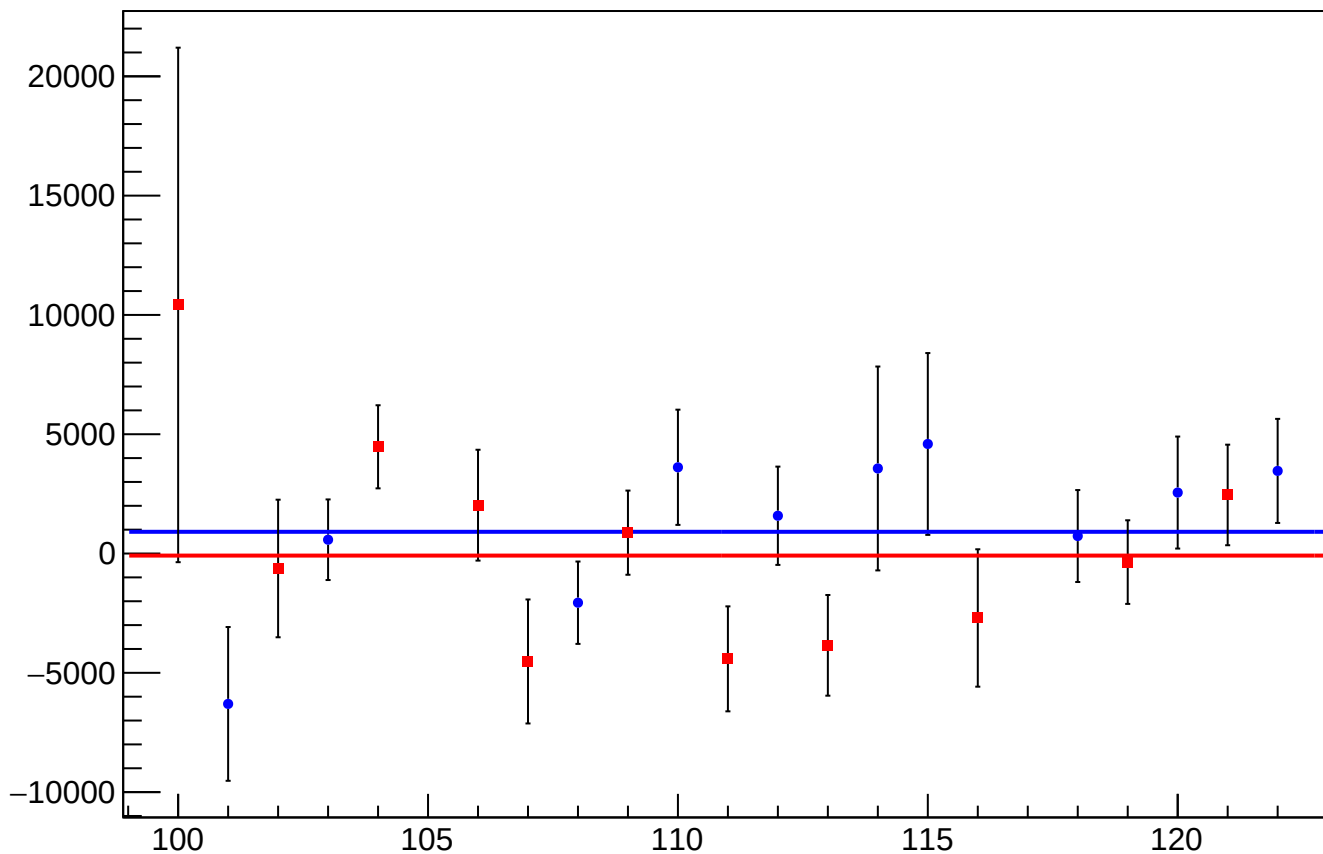
Right: 507.620+/-0.150 χ^2/NDF : 4881755.6/20

In: 625.102+/-0.252 χ^2/NDF : 2025028.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.620+/-0.150 χ^2/NDF : 4881755.6/20

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 910.560+/-711.655 χ^2/NDF : 12.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.189+/-671.741 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

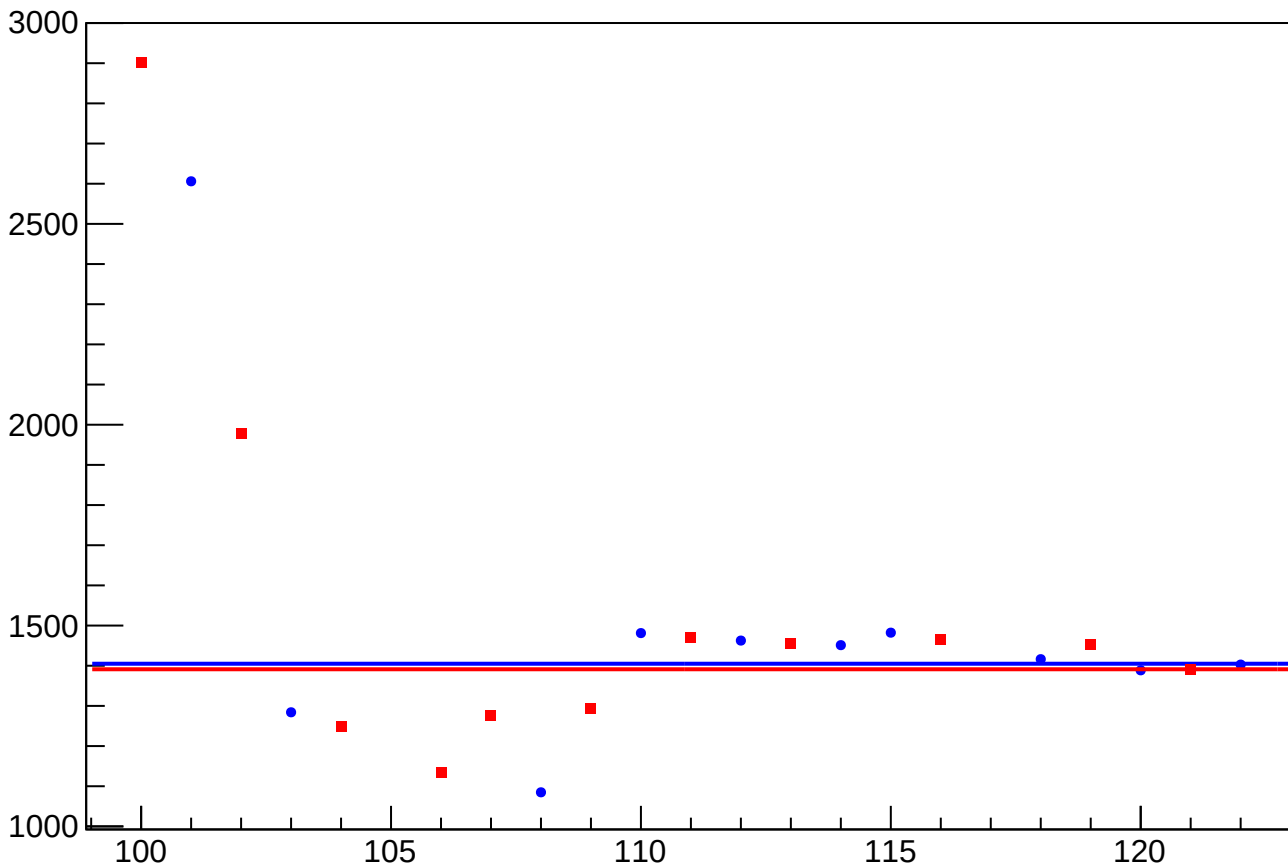
Right: 383.451+/-488.494 χ^2/NDF : 34.8/20

In: 910.560+/-711.655 χ^2/NDF : 12.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.451+/-488.494 χ^2/NDF : 34.8/20

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.989+/-0.503 χ^2/NDF : 361642.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.215+/-0.475 χ^2/NDF : 178557.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

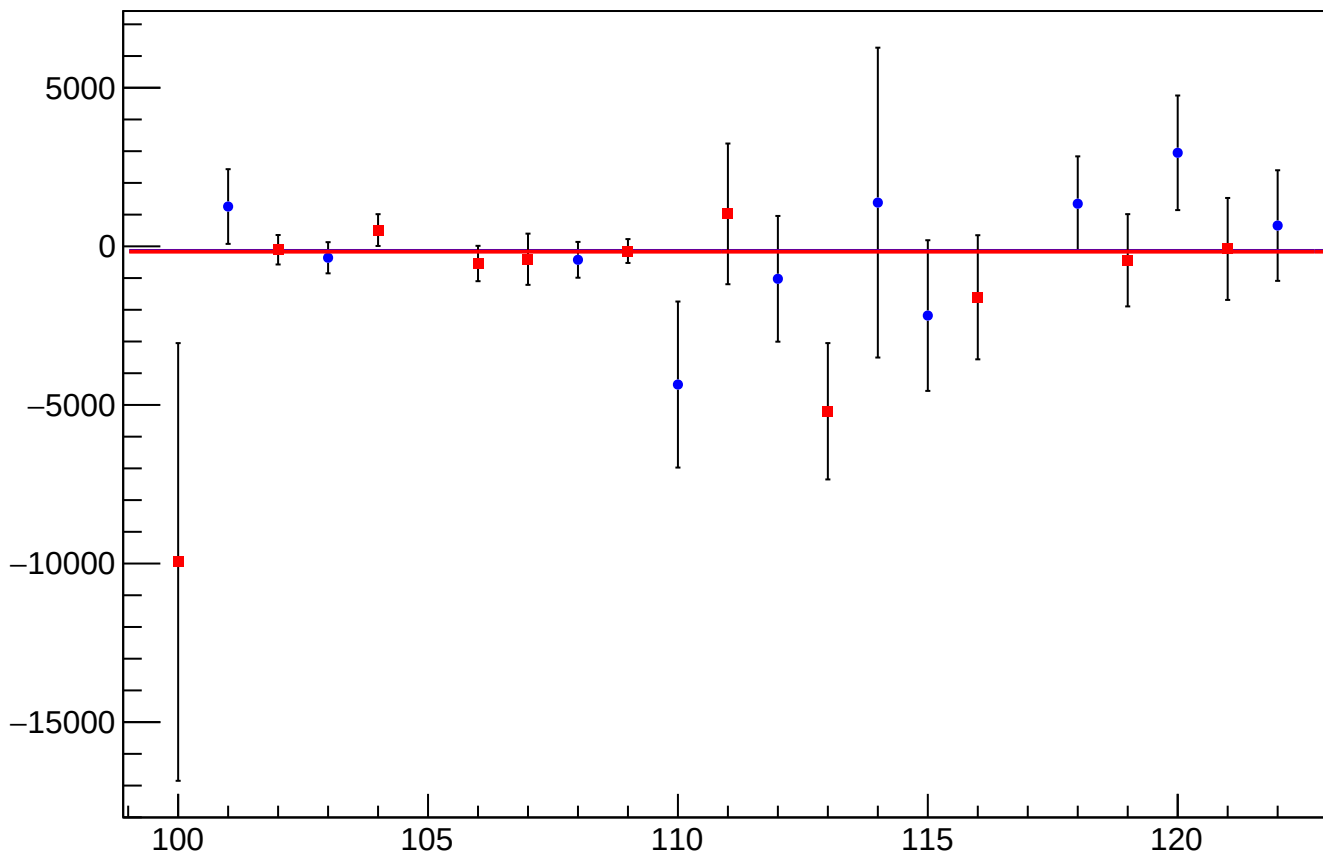
Right: 1397.705+/-0.345 χ^2/NDF : 540596.1/20

In: 1404.989+/-0.503 χ^2/NDF : 361642.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.705+/-0.345 χ^2/NDF : 540596.1/20

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -146.415+/-320.978 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -165.816+/-213.223 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

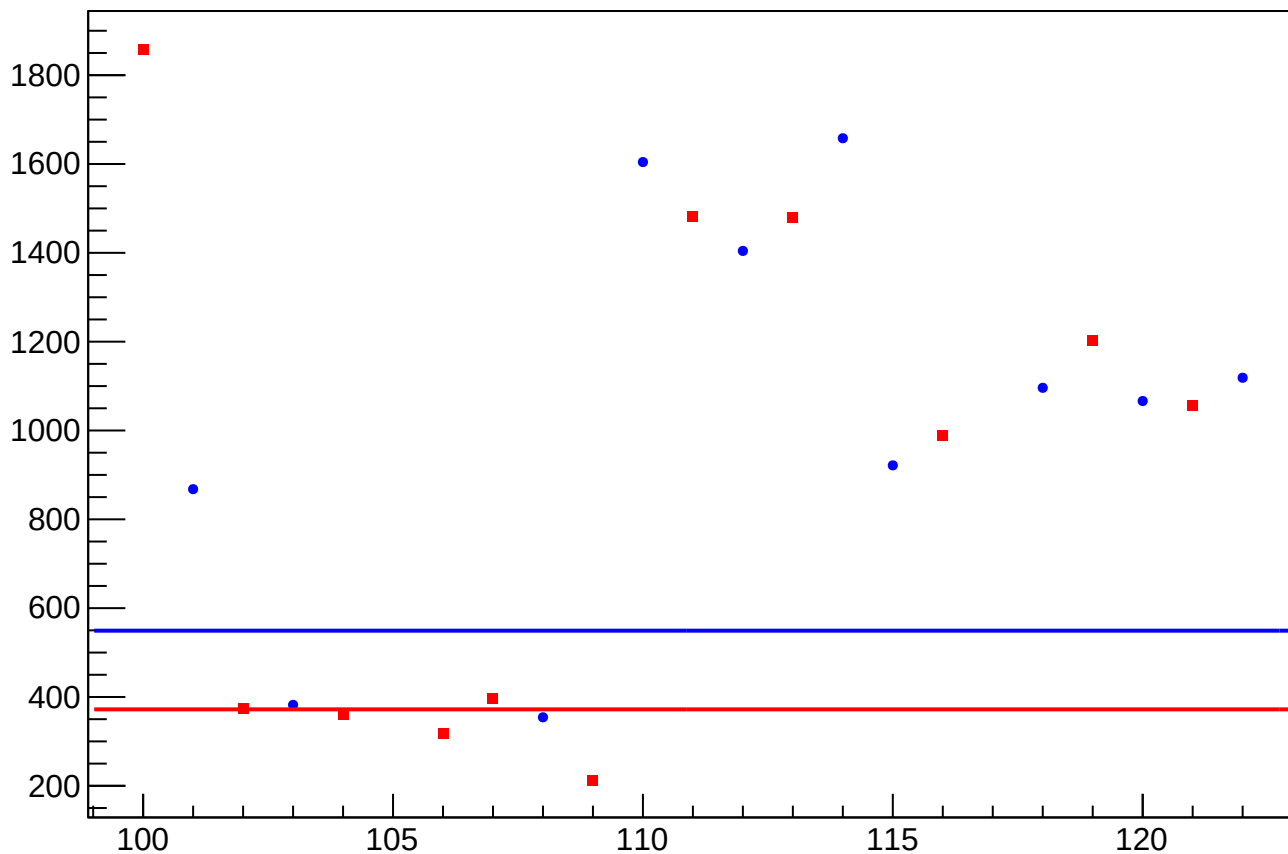
Right: -159.876+/-177.607 χ^2/NDF : 20.4/20

In: -146.415+/-320.978 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -159.876+/-177.607 χ^2/NDF : 20.4/20

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 549.317+/-0.227 χ^2/NDF : 2111136.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.141+/-0.151 χ^2/NDF : 2723838.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

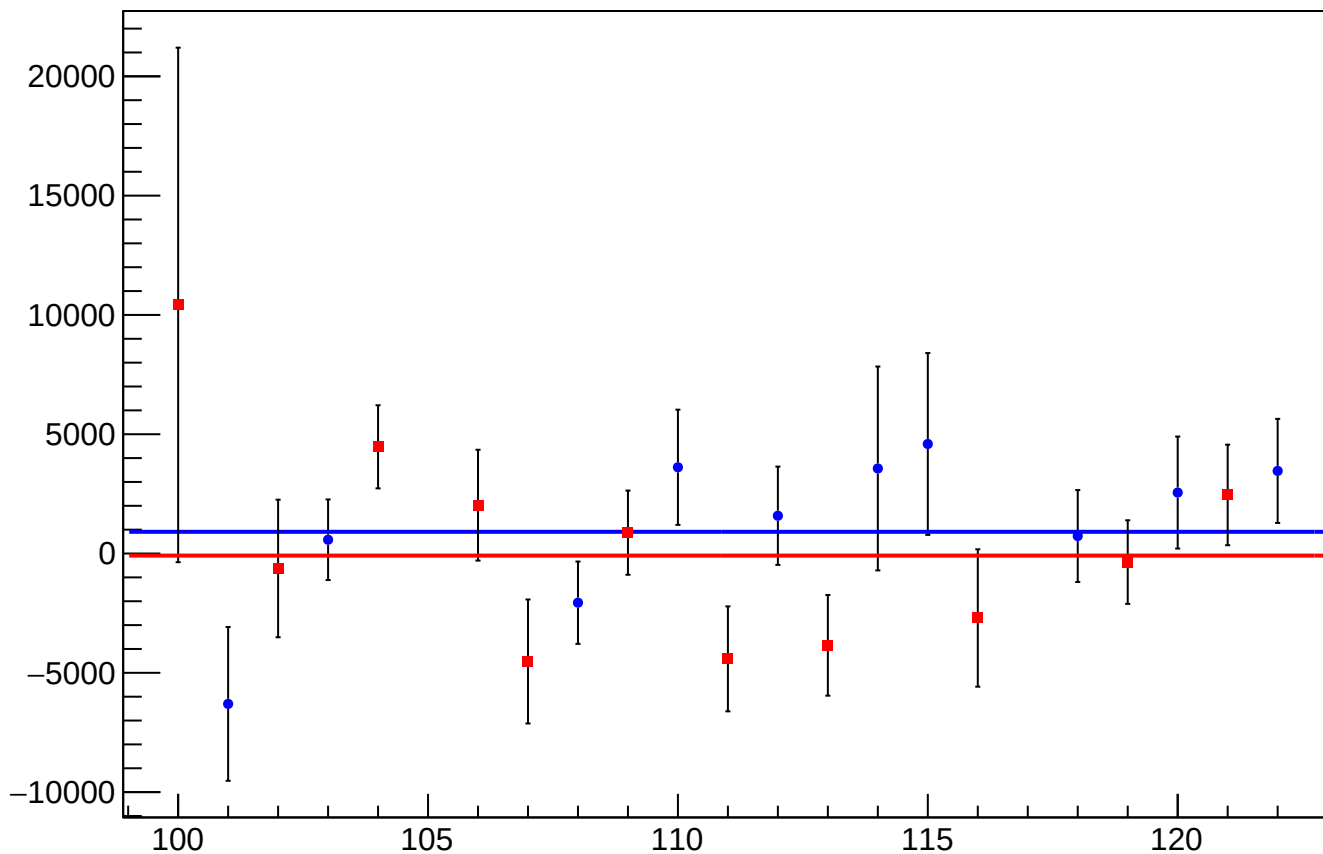
Right: 426.388+/-0.126 χ^2/NDF : 5257777.2/20

In: 549.317+/-0.227 χ^2/NDF : 2111136.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.388+/-0.126 χ^2/NDF : 5257777.2/20

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 910.554+/-711.655 χ^2/NDF : 12.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.193+/-671.741 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

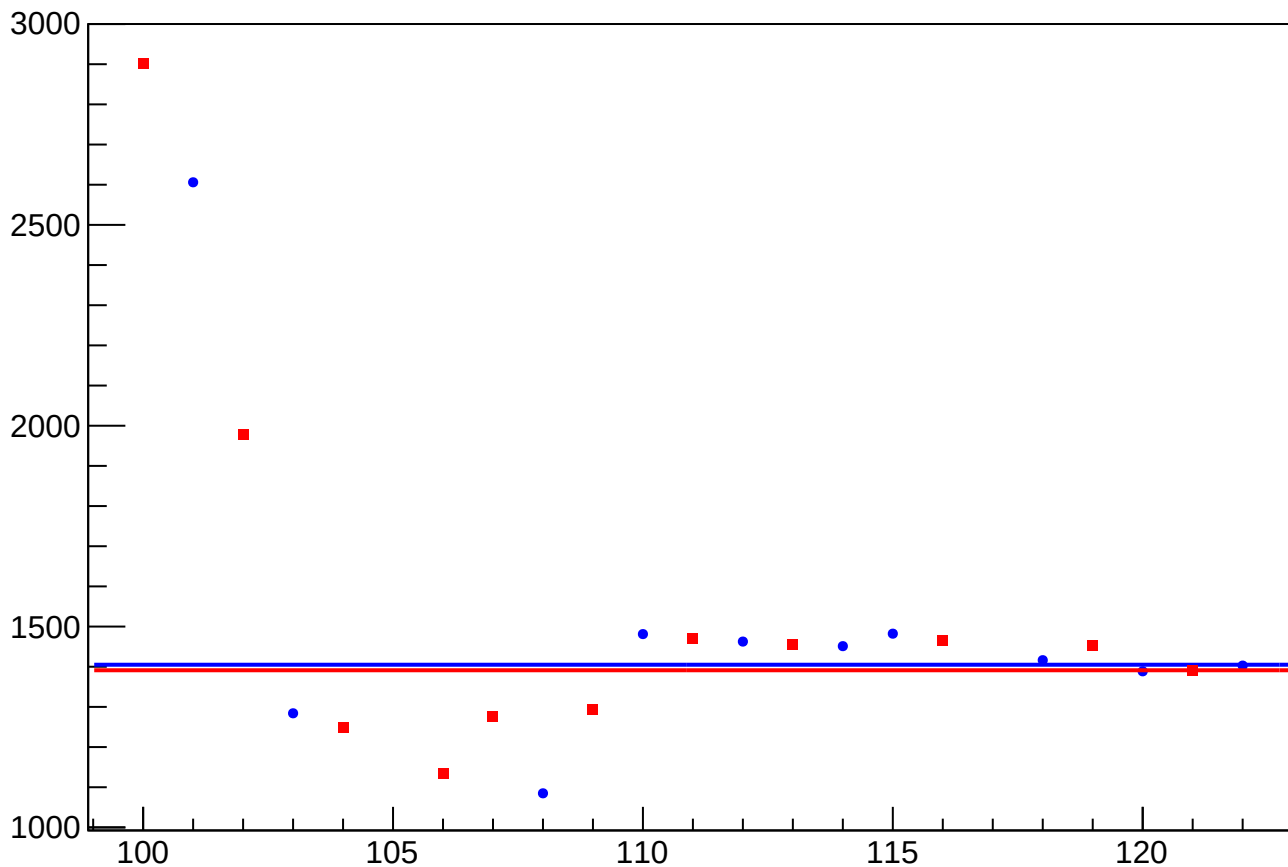
Right: 383.447+/-488.494 χ^2/NDF : 34.8/20

In: 910.554+/-711.655 χ^2/NDF : 12.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.447+/-488.494 χ^2/NDF : 34.8/20

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.989+/-0.503 χ^2/NDF : 361641.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.215+/-0.475 χ^2/NDF : 178557.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

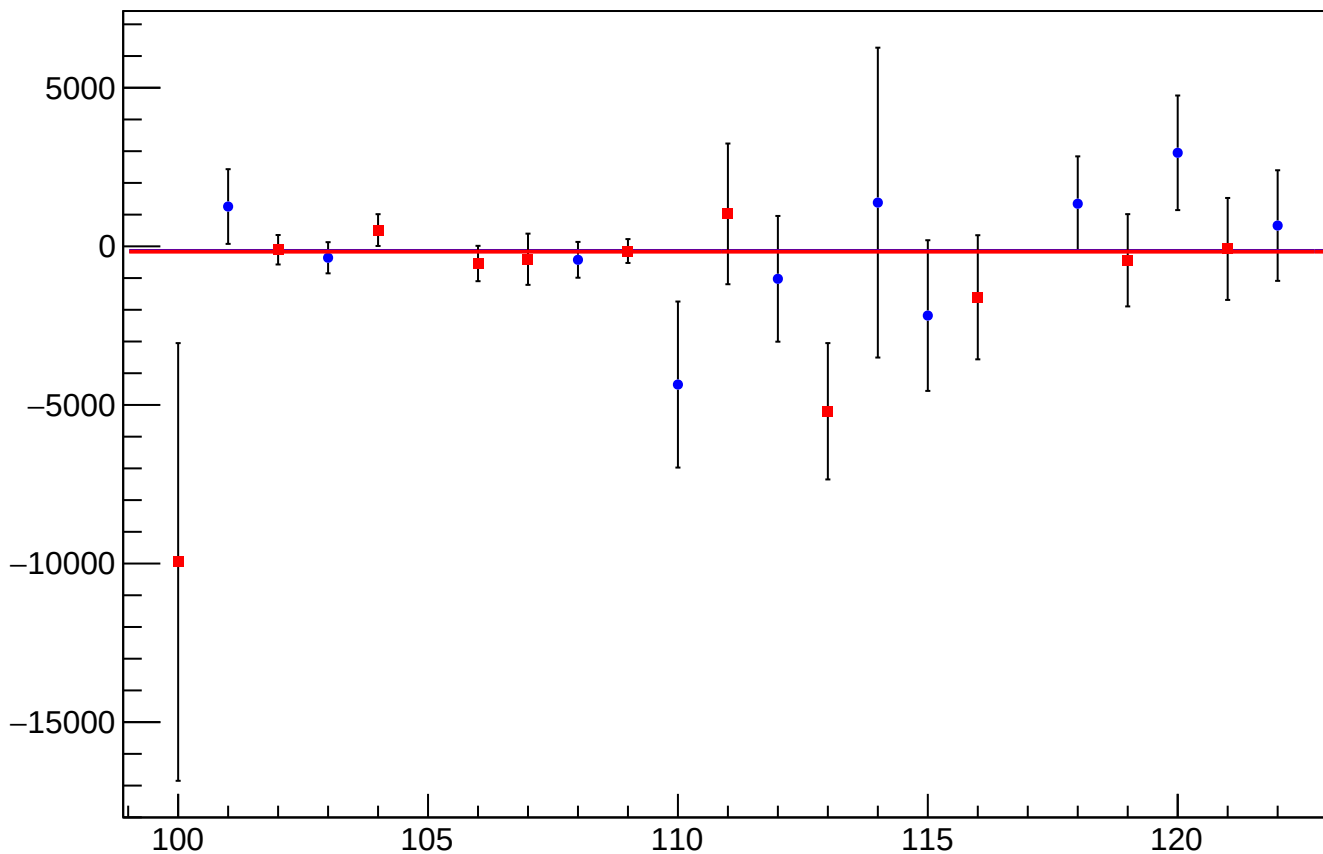
Right: 1397.705+/-0.345 χ^2/NDF : 540595.7/20

In: 1404.989+/-0.503 χ^2/NDF : 361641.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.705+/-0.345 χ^2/NDF : 540595.7/20

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -146.424+/-320.974 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -165.810+/-213.225 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

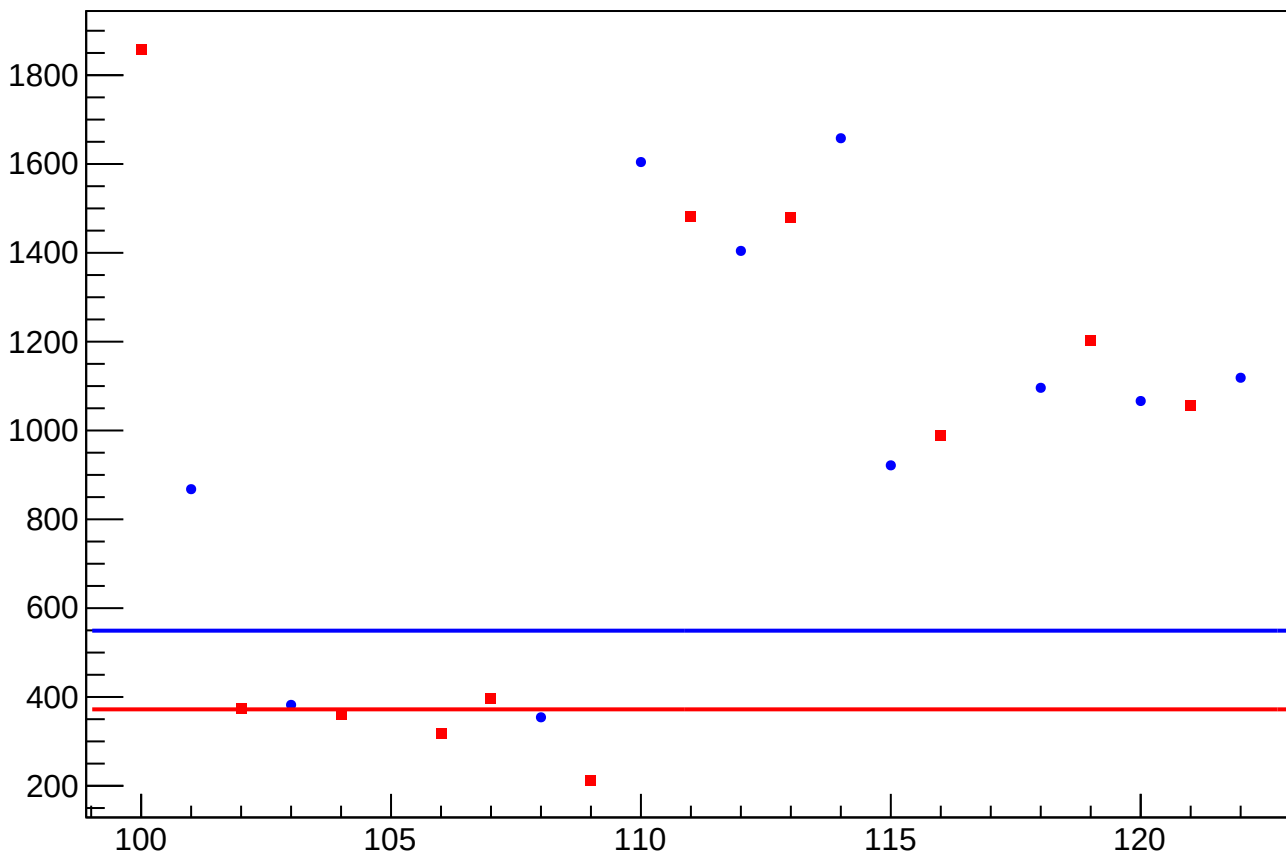
Right: -159.874+/-177.607 χ^2/NDF : 20.4/20

In: -146.424+/-320.974 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.874+/-177.607 χ^2/NDF : 20.4/20

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 549.308+/-0.227 χ^2/NDF : 2111186.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 372.146+/-0.151 χ^2/NDF : 2723776.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

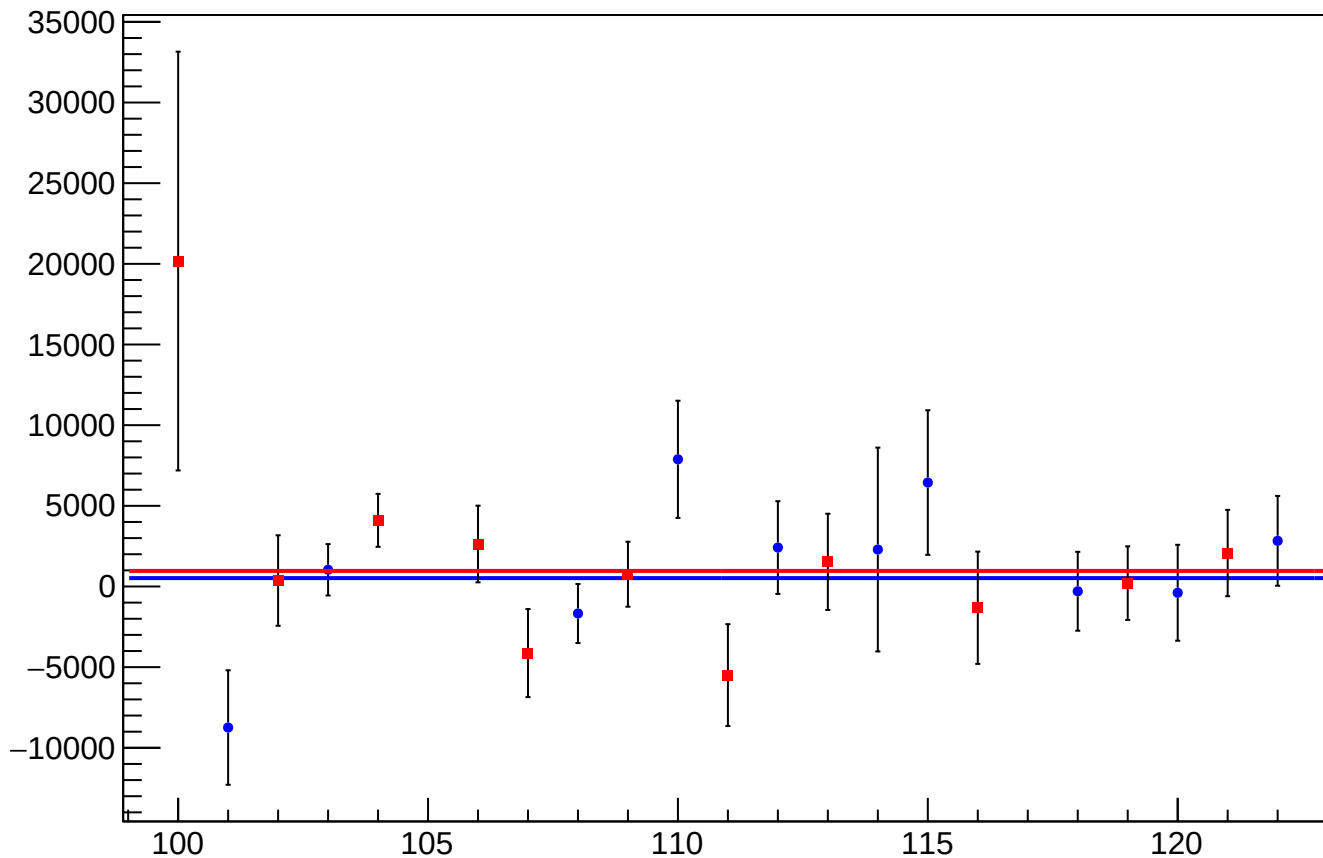
Right: 426.390+/-0.126 χ^2/NDF : 5257705.5/20

In: 549.308+/-0.227 χ^2/NDF :2111186.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 426.390+/-0.126 χ^2/NDF : 5257705.5/20

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 518.981+/-829.366 χ^2/NDF : 15.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 965.771+/-769.480 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

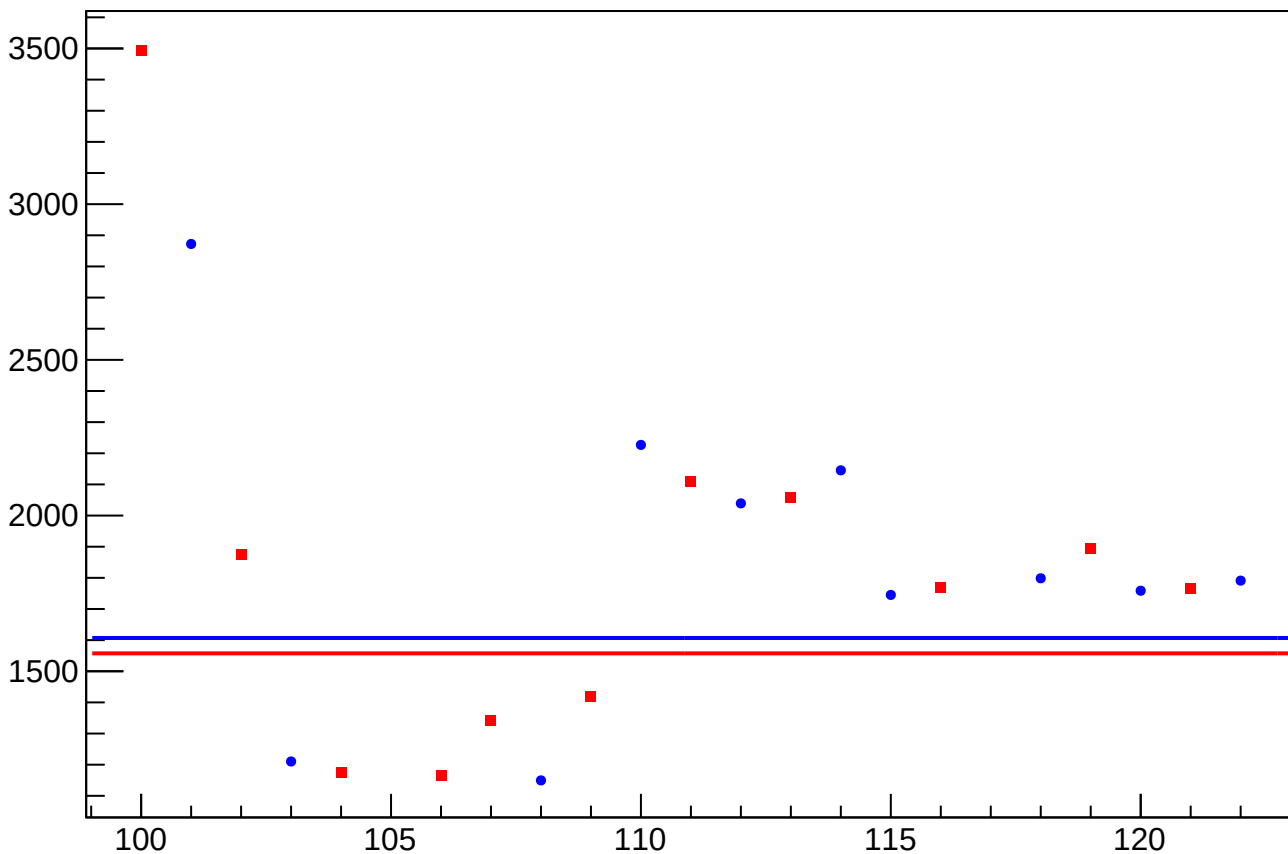
Right: 759.087+/-564.089 χ^2/NDF : 30.6/20

In: 518.981+/-829.366 χ^2/NDF :15.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 759.087+/-564.089 χ^2/NDF : 30.6/20

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1606.894+/-0.586 χ^2/NDF : 649588.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.493+/-0.544 χ^2/NDF : 435193.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

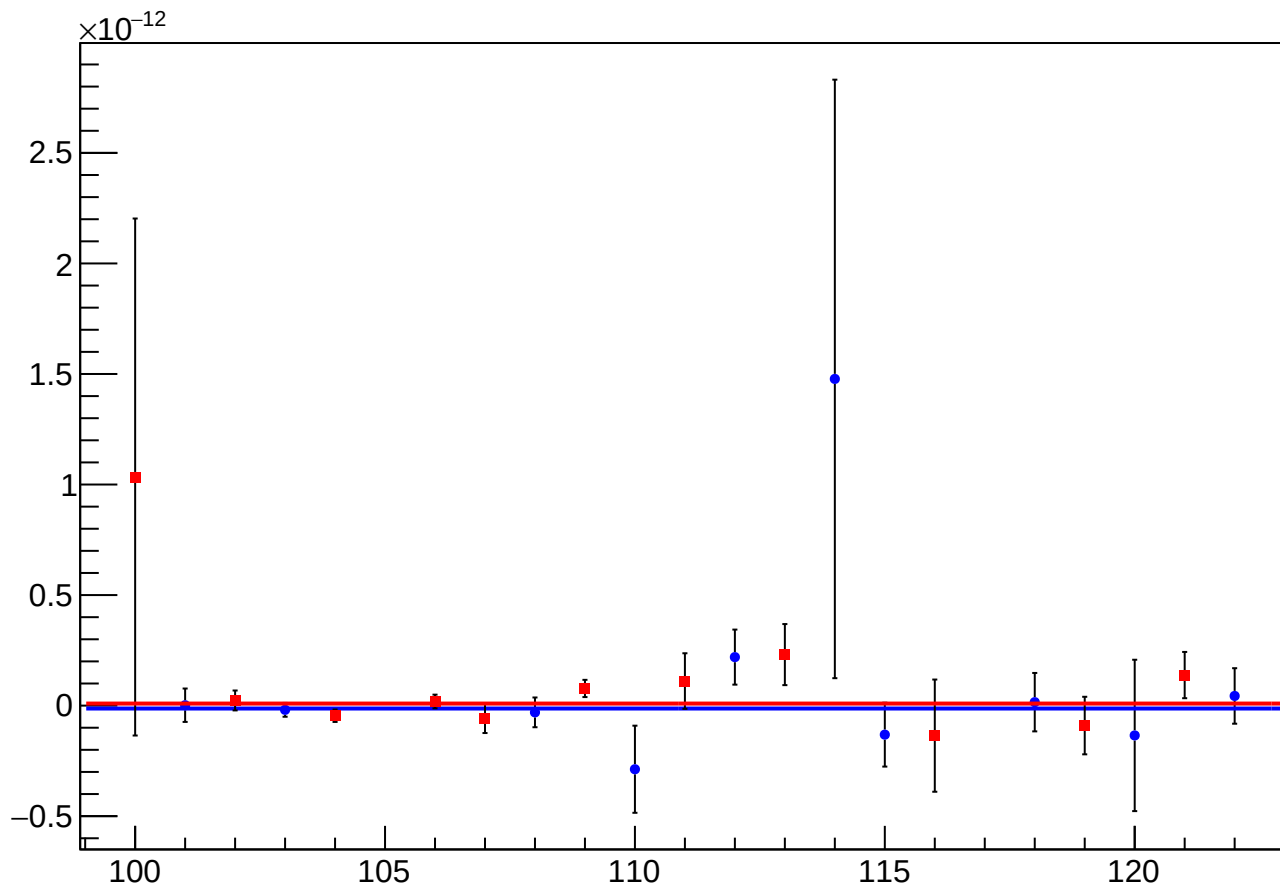
Right: 1580.345+/-0.399 χ^2/NDF : 1088595.5/20

In: 1606.894+/-0.586 χ^2/NDF : 649588.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.345+/-0.399 χ^2/NDF : 1088595.5/20

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.8/9

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

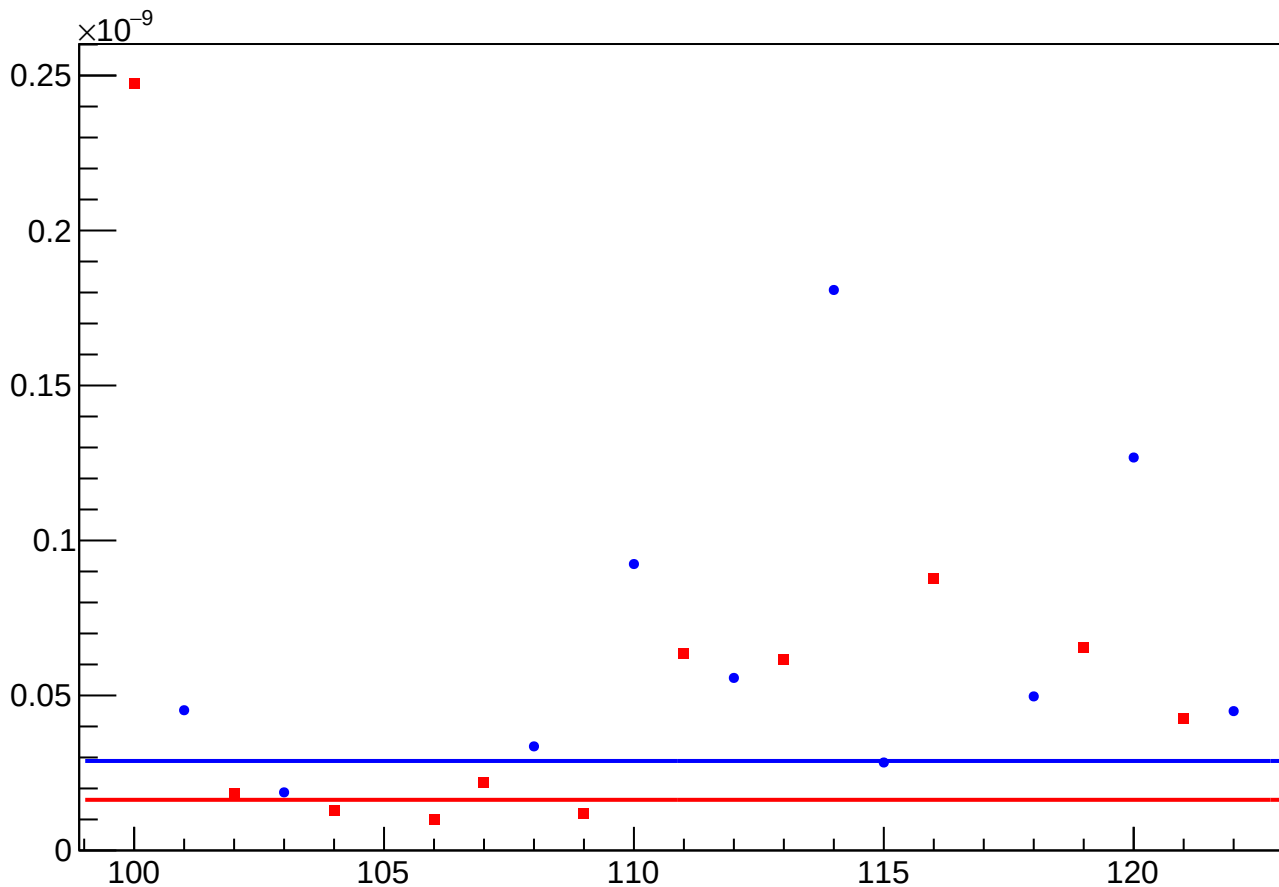
Right: 0.000+/-0.000 χ^2 /NDF: 22.9/20

In: -0.000+/-0.000 χ^2 /NDF:7.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.9/20

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 886119.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1308436.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

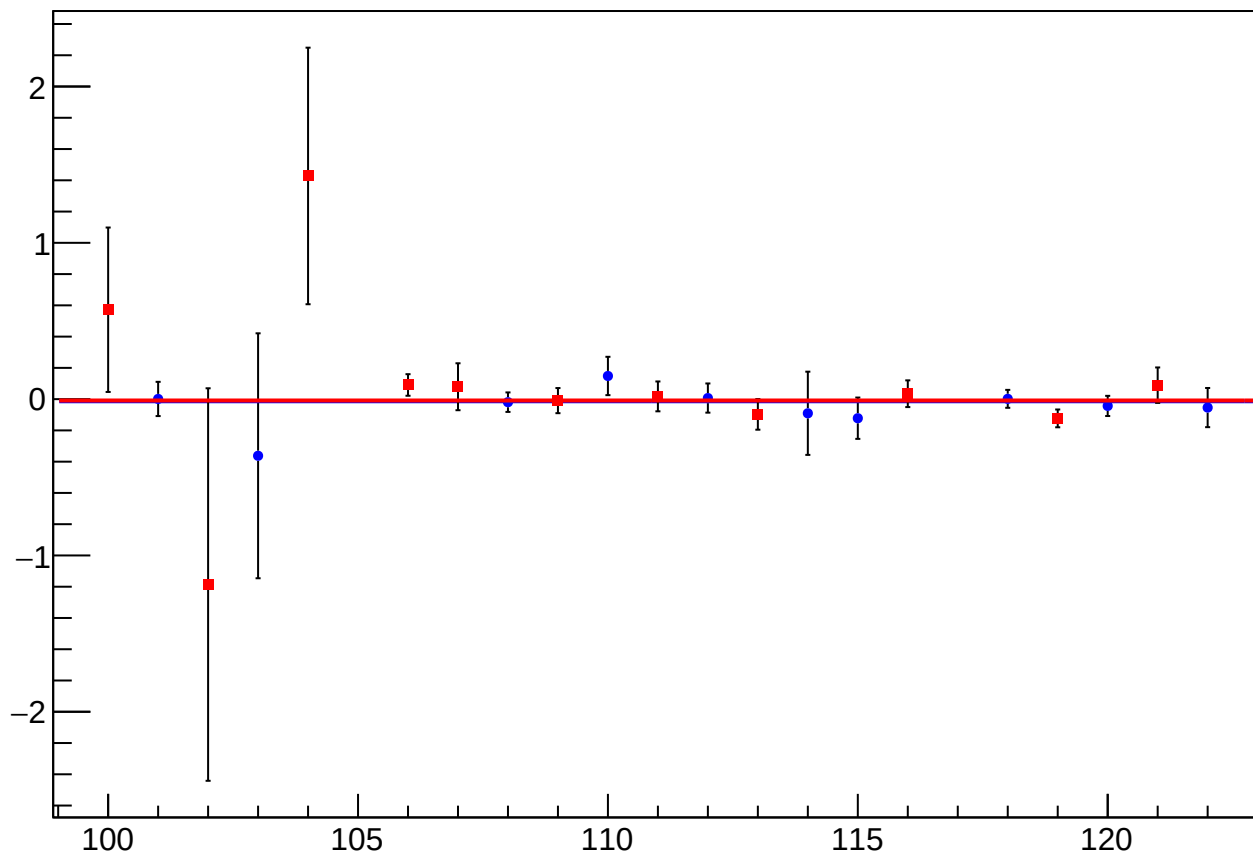
Right: 0.000+/-0.000 χ^2/NDF : 2566873.9/20

In: 0.000+/-0.000 χ^2/NDF :886119.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2566873.9/20

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.029 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

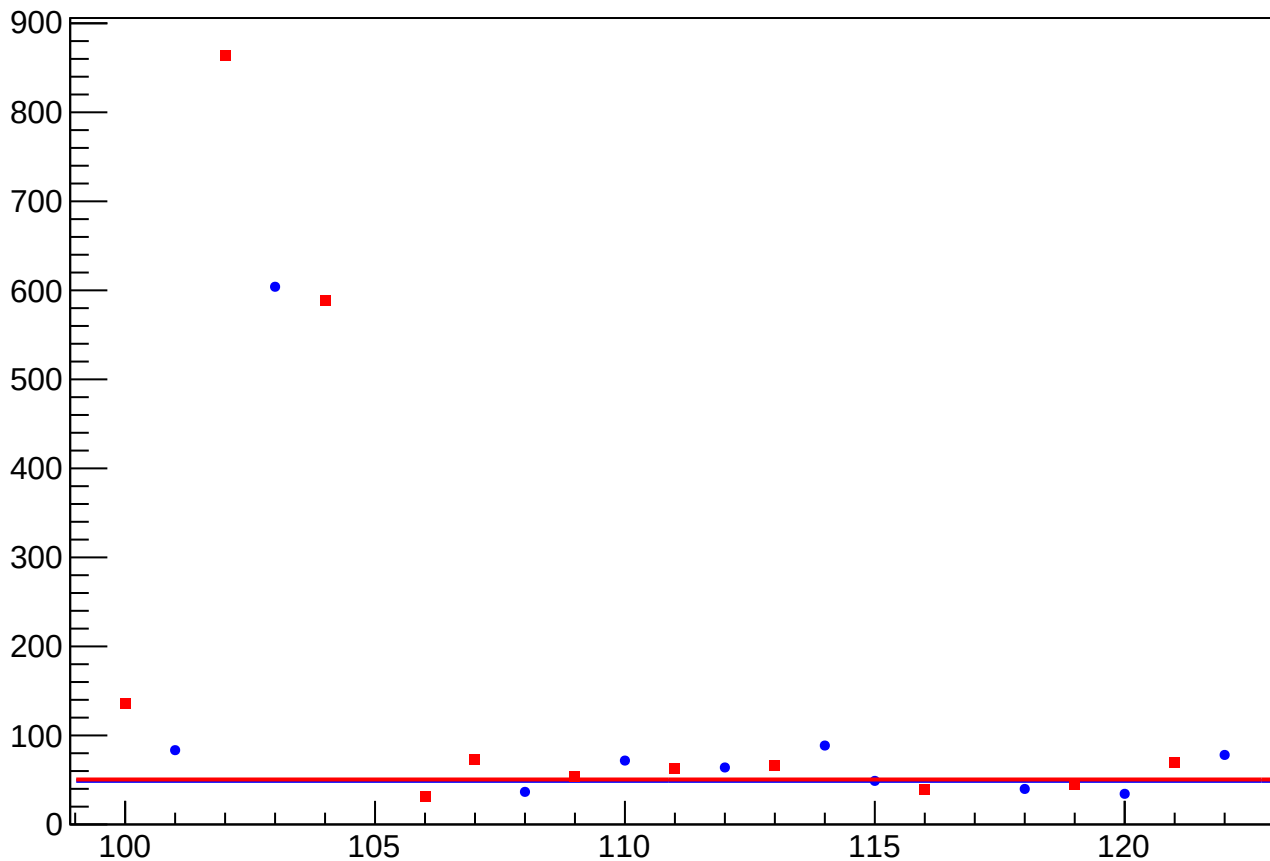
Right: -0.011 ± 0.021 χ^2/NDF : 16.7/20

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 16.7/20

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.977+/-0.020 χ^2/NDF : 1706070.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.508+/-0.021 χ^2/NDF : 2153479.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

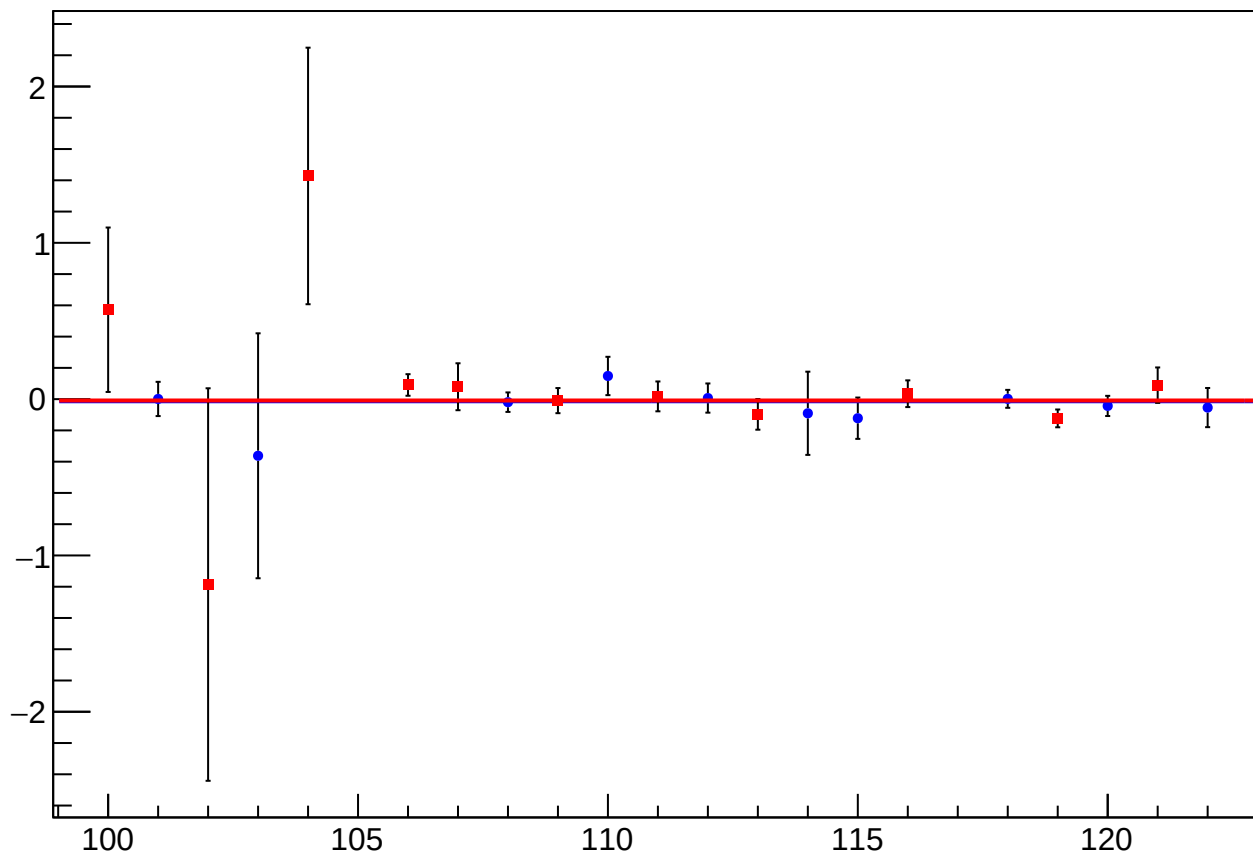
Right: 49.726+/-0.015 χ^2/NDF : 3862306.7/20

In: 48.977+/-0.020 χ^2/NDF : 1706070.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.726+/-0.015 χ^2/NDF : 3862306.7/20

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.029 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

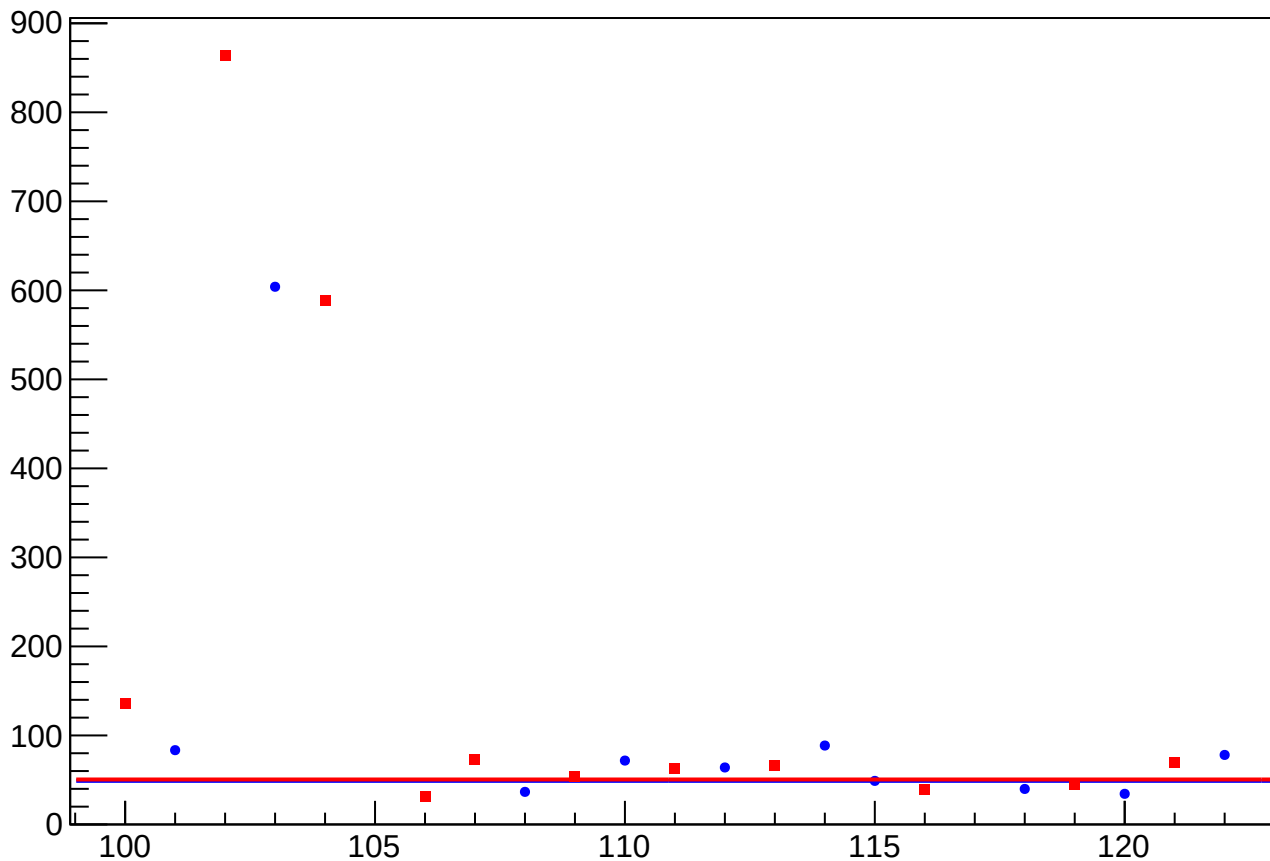
Right: -0.011 ± 0.021 χ^2/NDF : 16.7/20

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 16.7/20

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.977+/-0.020 χ^2/NDF : 1706070.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.508+/-0.021 χ^2/NDF : 2153479.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

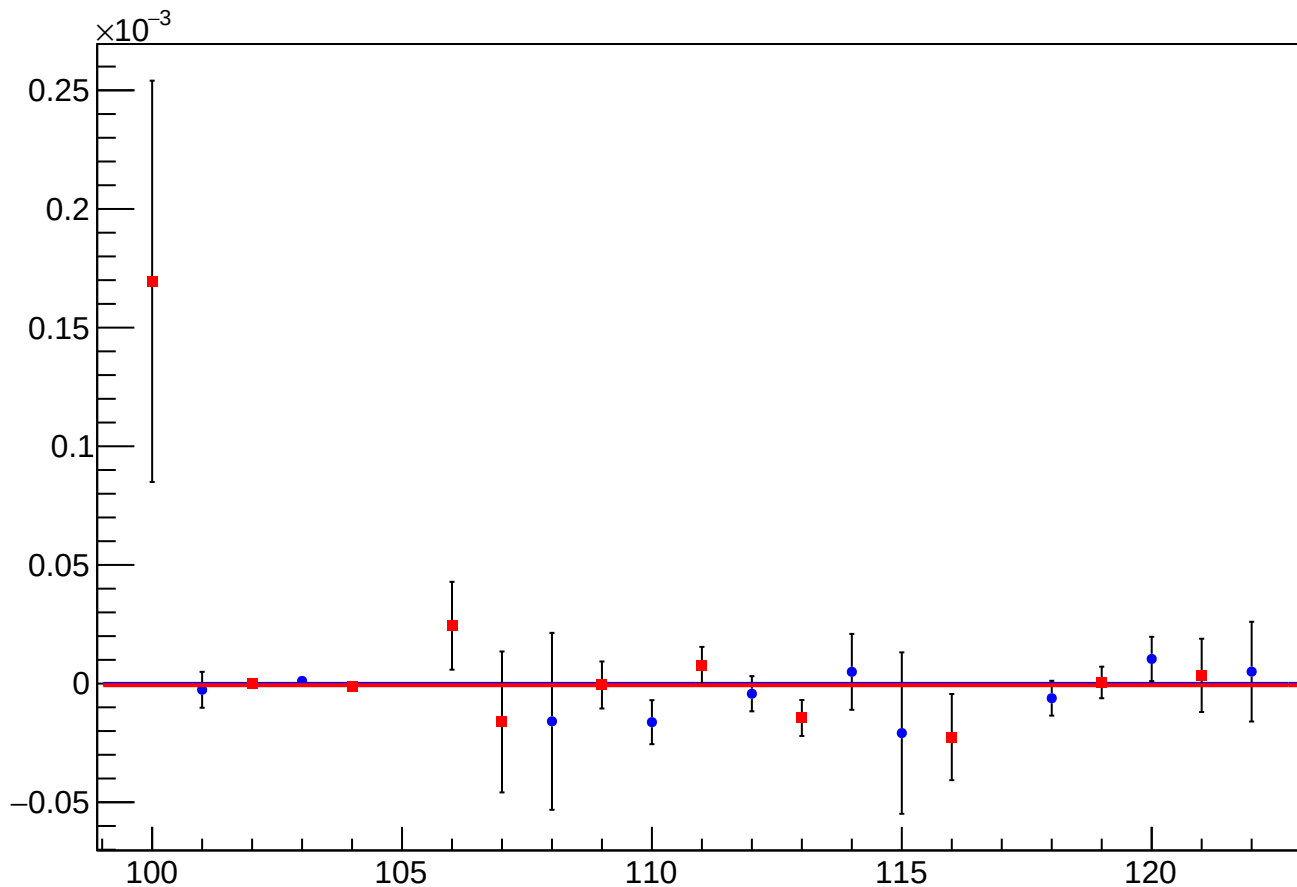
Right: 49.726+/-0.015 χ^2/NDF : 3862306.7/20

In: 48.977+/-0.020 χ^2/NDF : 1706070.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.726+/-0.015 χ^2/NDF : 3862306.7/20

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 : 6.5/9

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

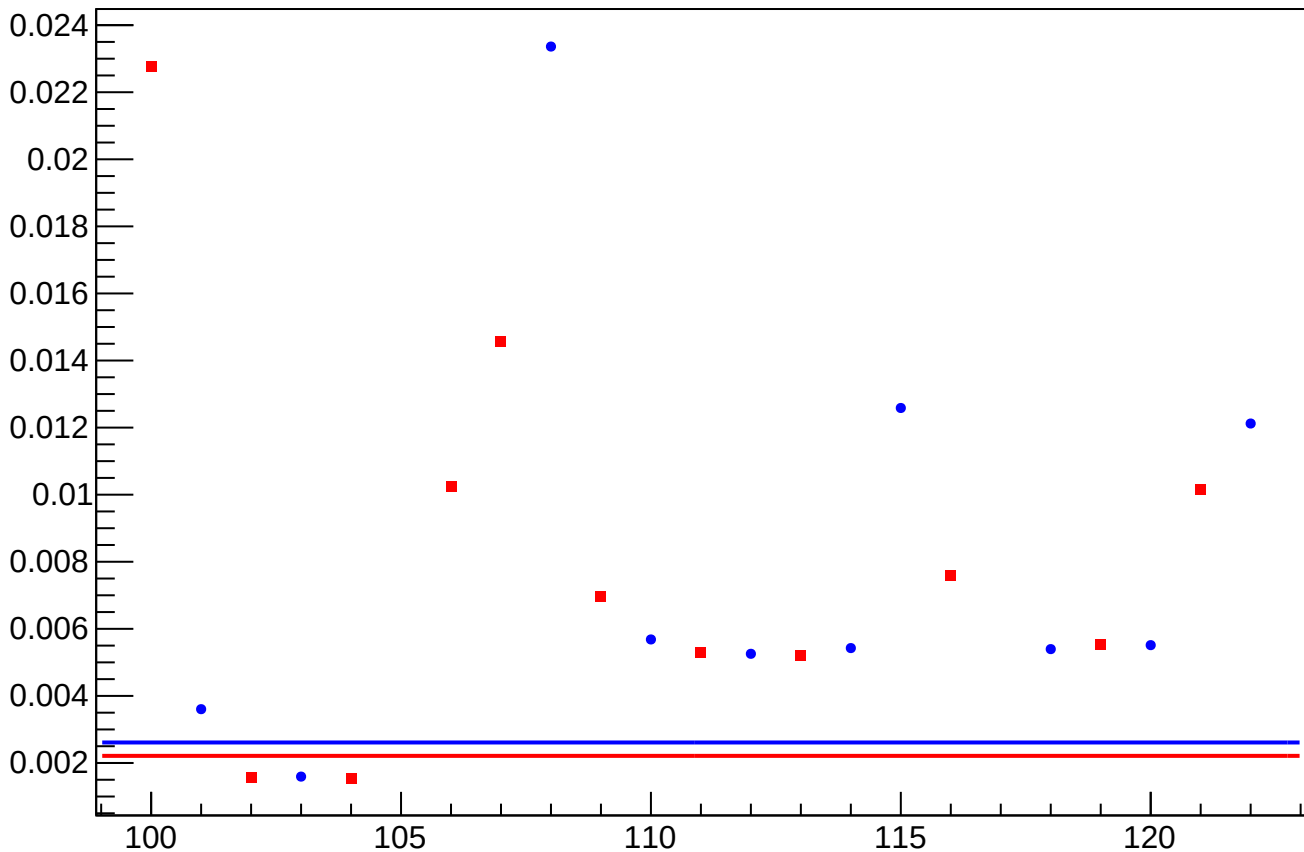
Right: -0.000+/-0.000 χ^2/NDF : 18.9/20

In: -0.000+/-0.000 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.9/20

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 : 2746533.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3537555.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

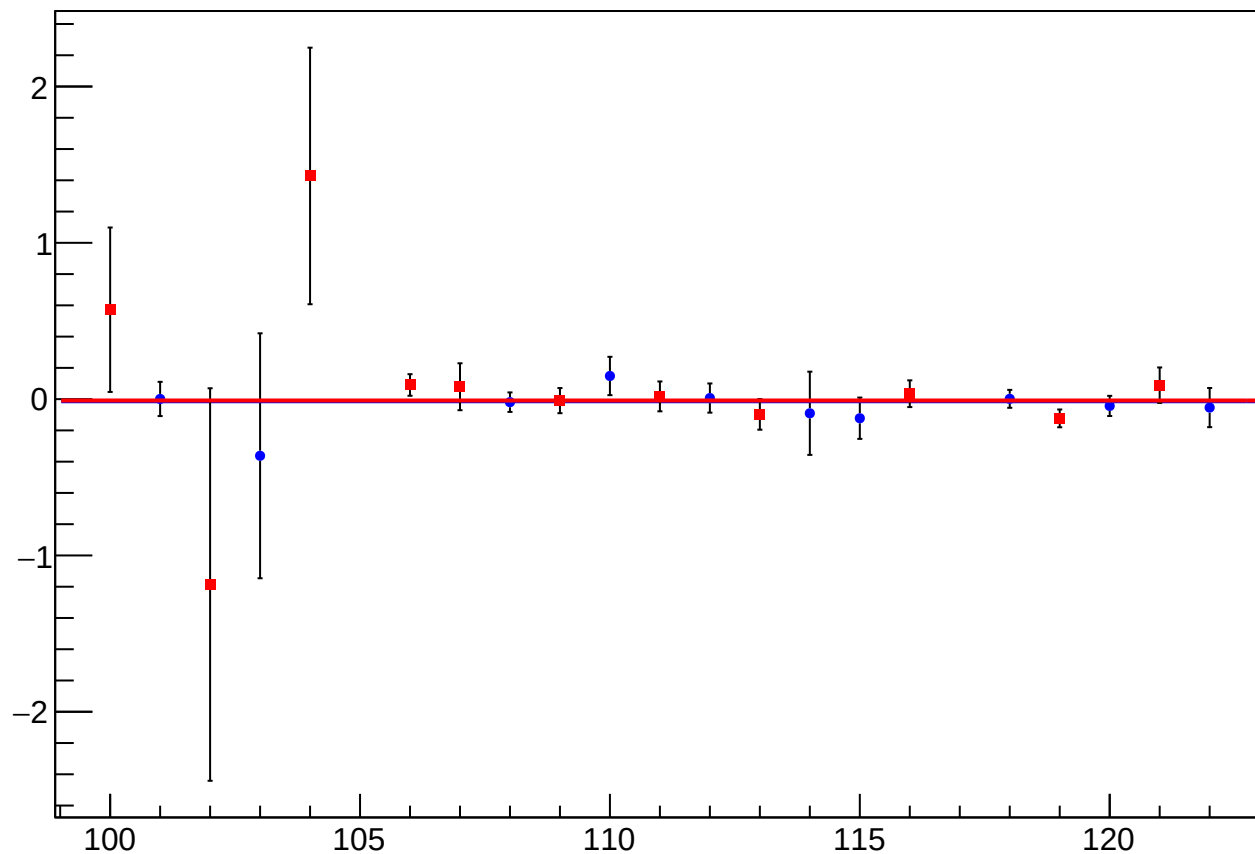
Right: 0.002+/-0.000 χ^2/NDF : 6349301.8/20

In: 0.003+/-0.000 χ^2/NDF :2746533.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6349301.8/20

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.029 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

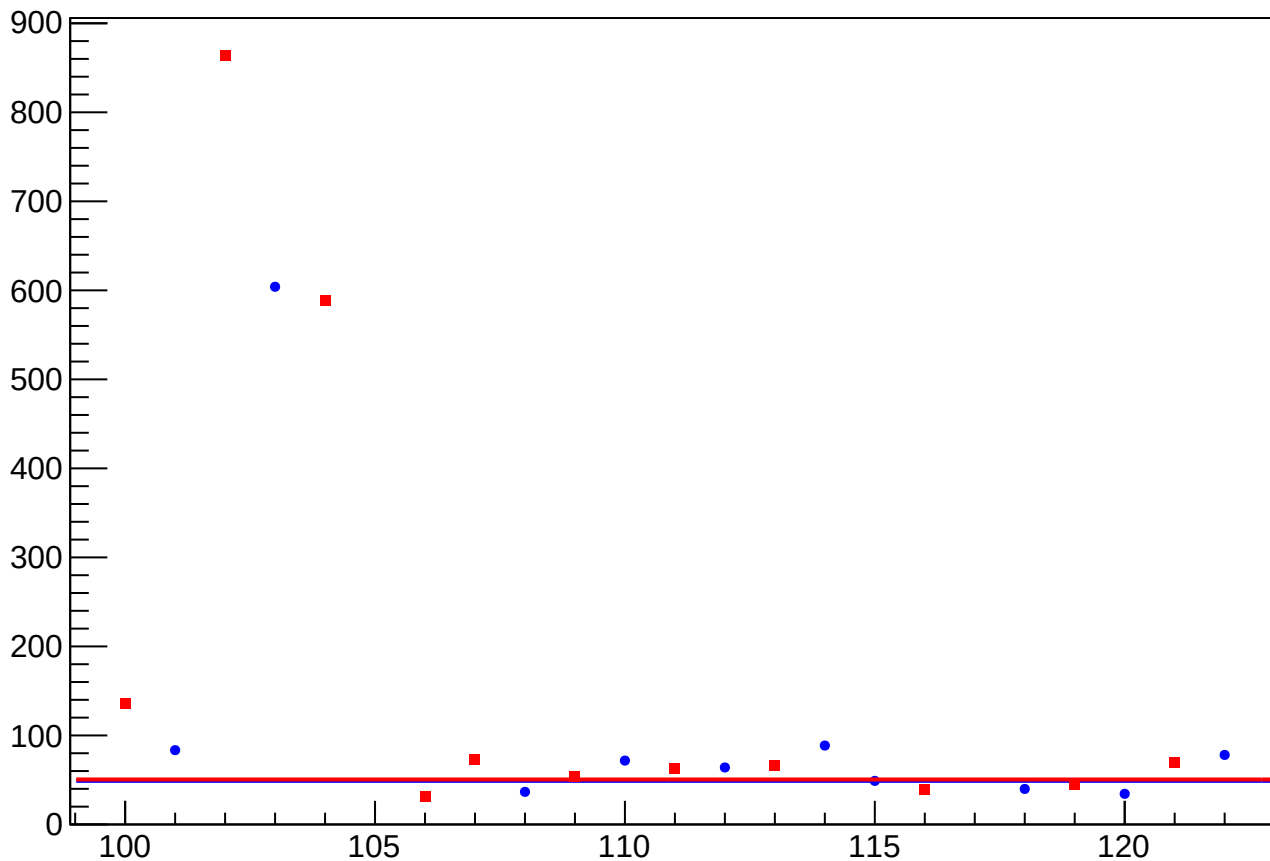
Right: -0.011 ± 0.021 χ^2/NDF : 16.7/20

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 16.7/20

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.982+/-0.020 χ^2/NDF : 1705850.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.510+/-0.021 χ^2/NDF : 2153271.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

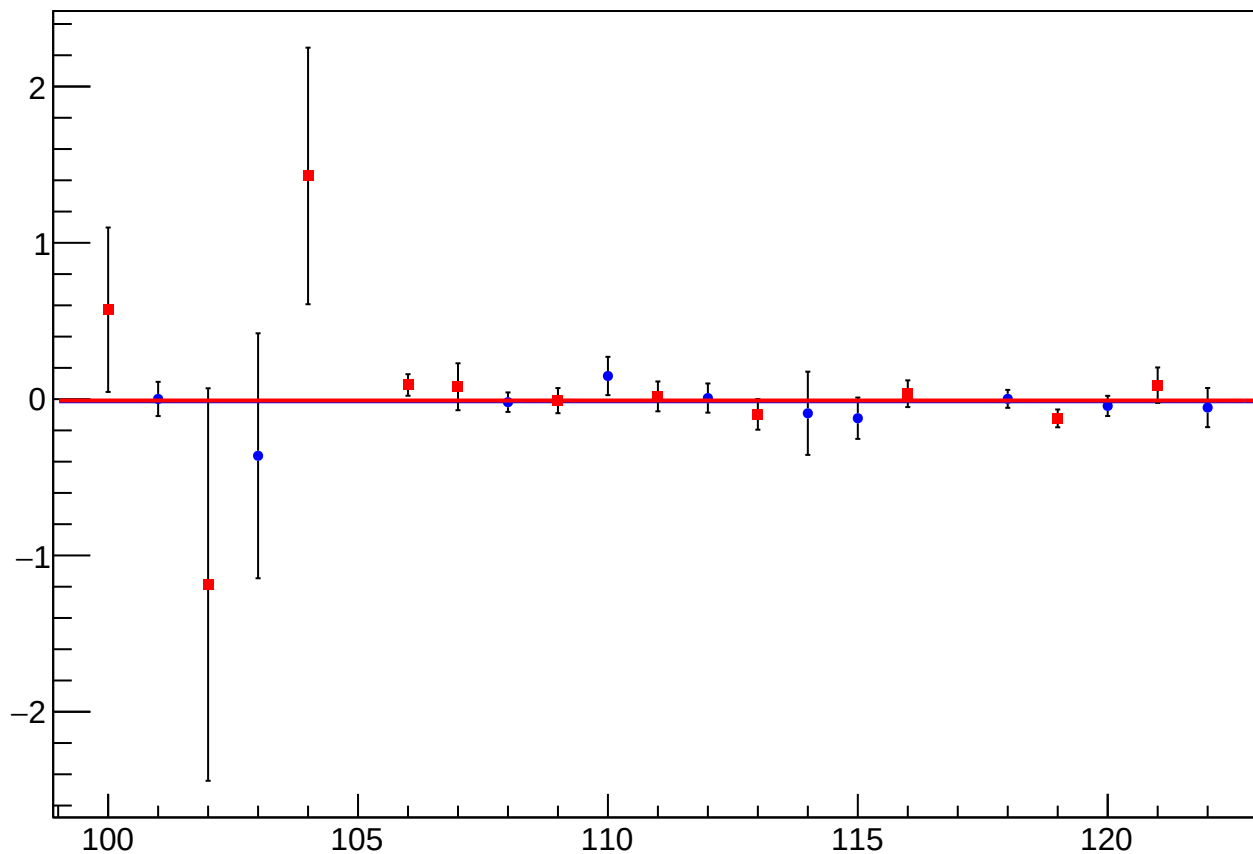
Right: 49.729+/-0.015 χ^2/NDF : 3861871.3/20

In: 48.982+/-0.020 χ^2/NDF : 1705850.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.729+/-0.015 χ^2/NDF : 3861871.3/20

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.029 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

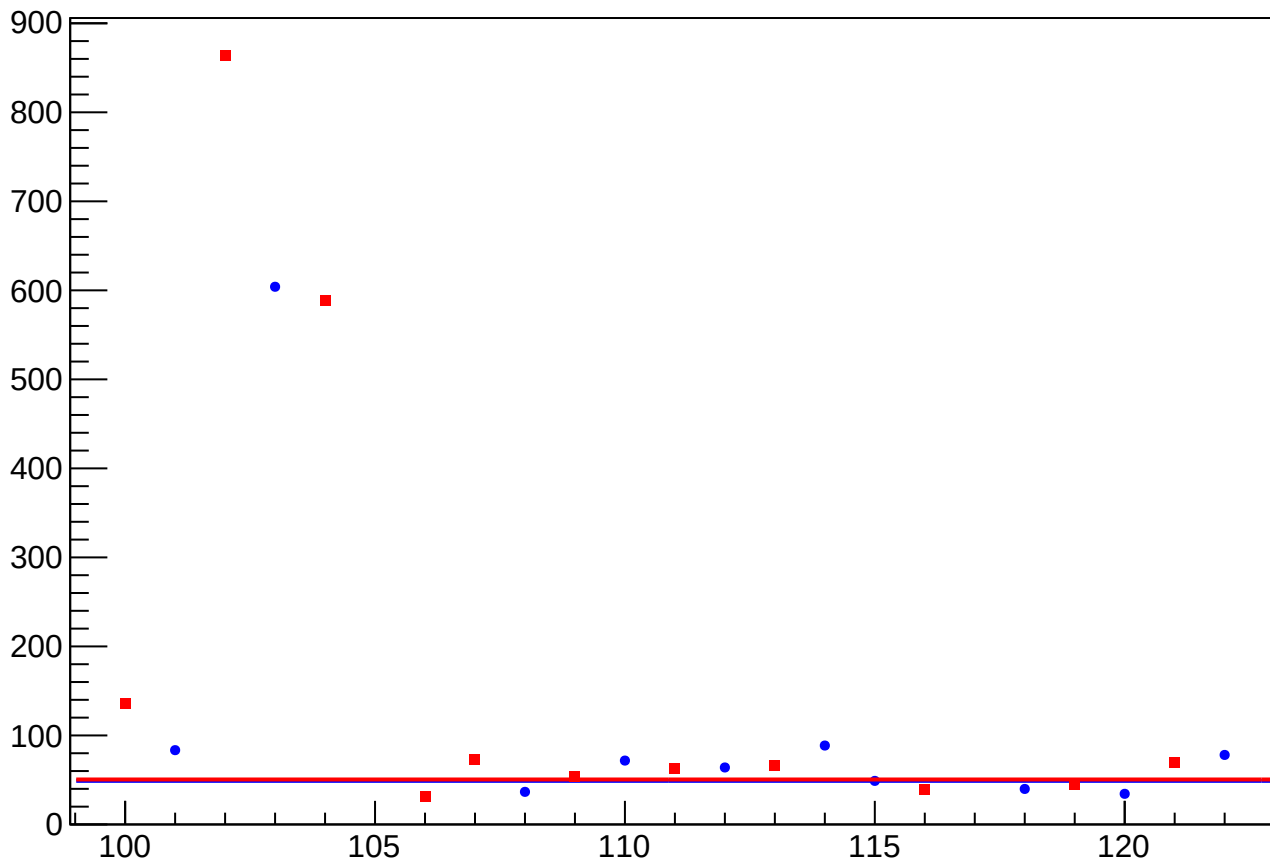
Right: -0.011 ± 0.021 χ^2/NDF : 16.7/20

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 16.7/20

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.982 $\pm$ 0.020 χ^2 /NDF: 1705850.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.510 $\pm$ 0.021 χ^2 /NDF: 2153271.9/10

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

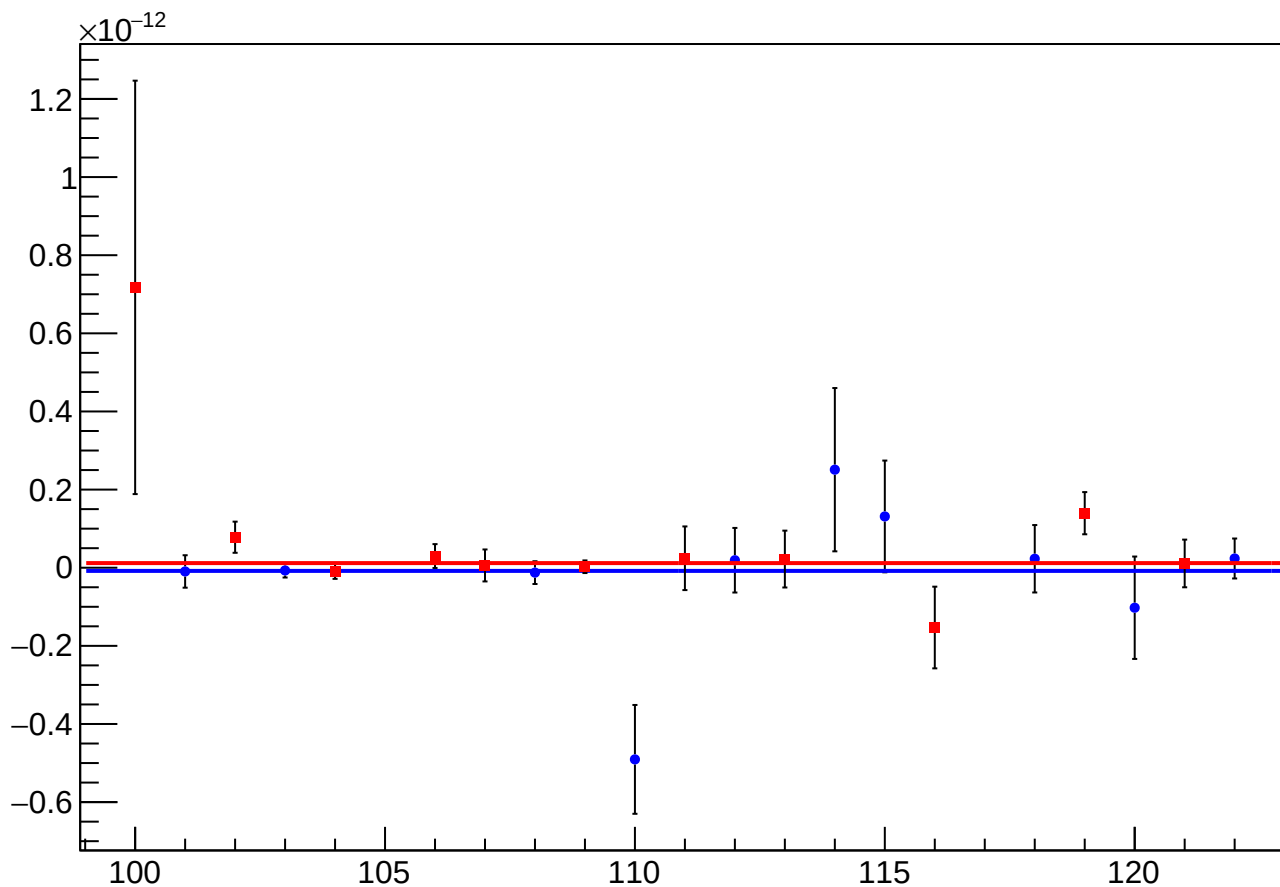
Right: 49.729 $\pm$ 0.015 χ^2 /NDF: 3861871.3/20

In: 48.982 $\pm$ 0.020 χ^2 /NDF:1705850.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.729 $\pm$ 0.015 χ^2 /NDF: 3861871.3/20

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 : 15.7/9

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

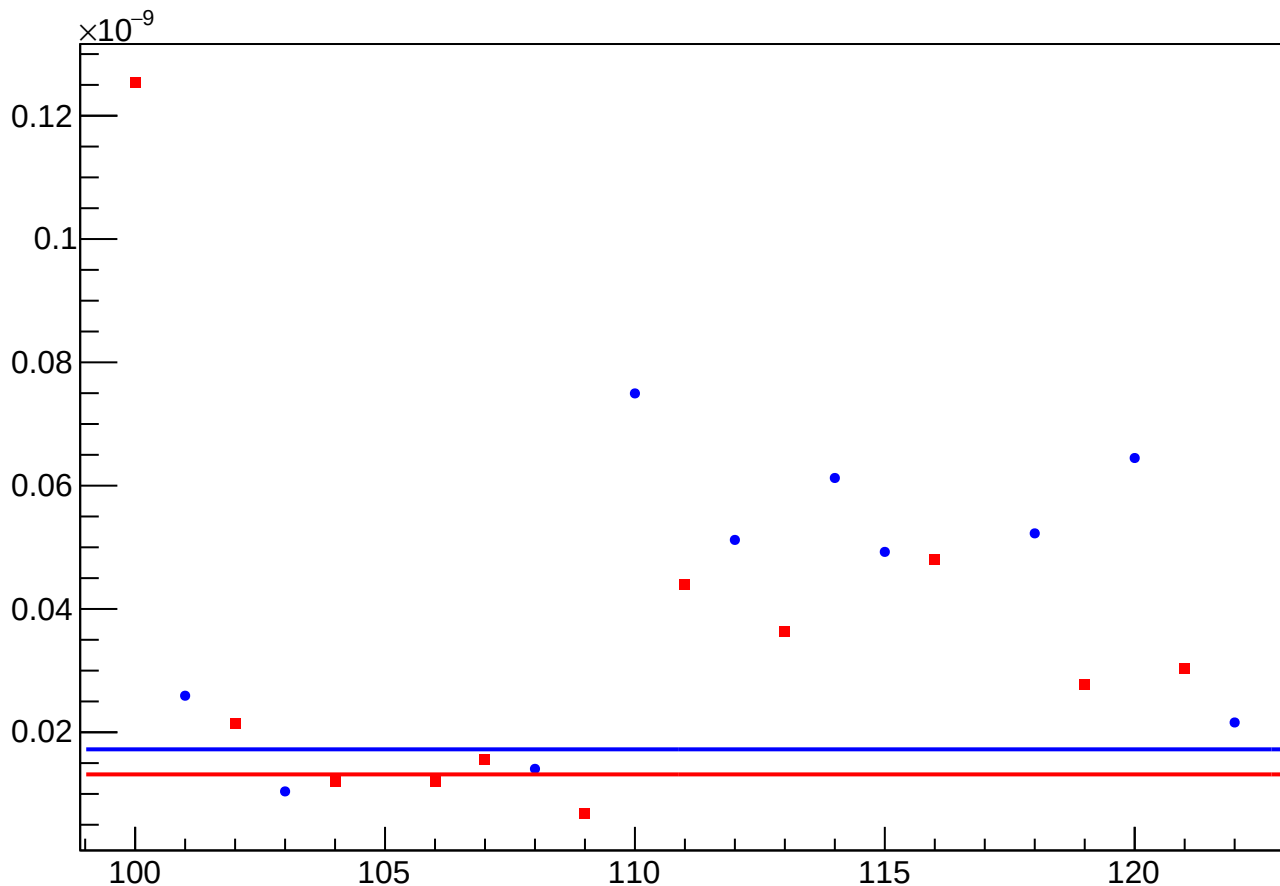
Right: 0.000+/-0.000 χ^2/NDF : 31.7/20

In: -0.000+/-0.000 χ^2/NDF :15.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.7/20

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 : 1871449.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1517260.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

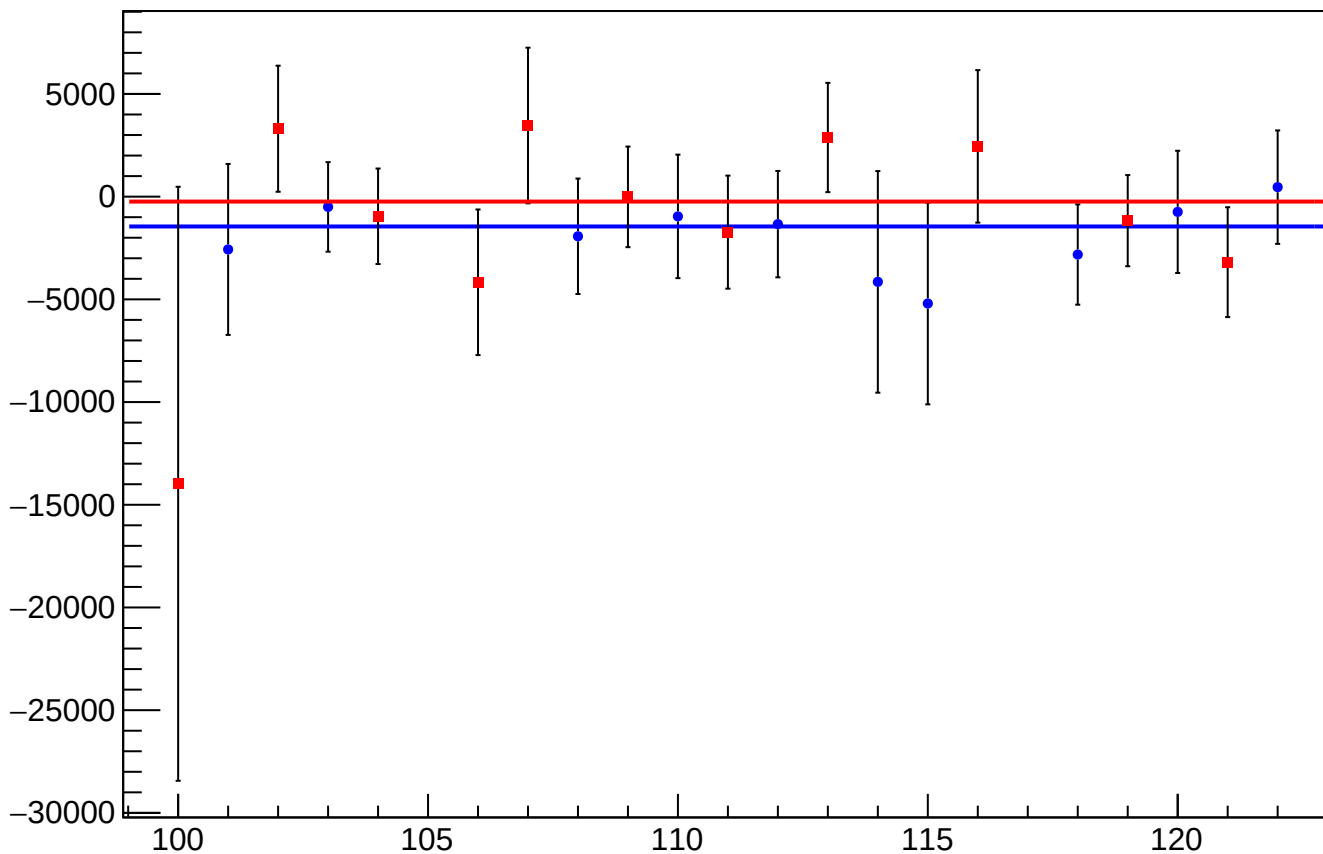
Right: 0.000+/-0.000 χ^2/NDF : 3507697.2/20

In: 0.000+/-0.000 χ^2/NDF : 1871449.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3507697.2/20

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1451.750+/-935.637 χ^2/NDF : 2.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -239.601+/-876.835 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

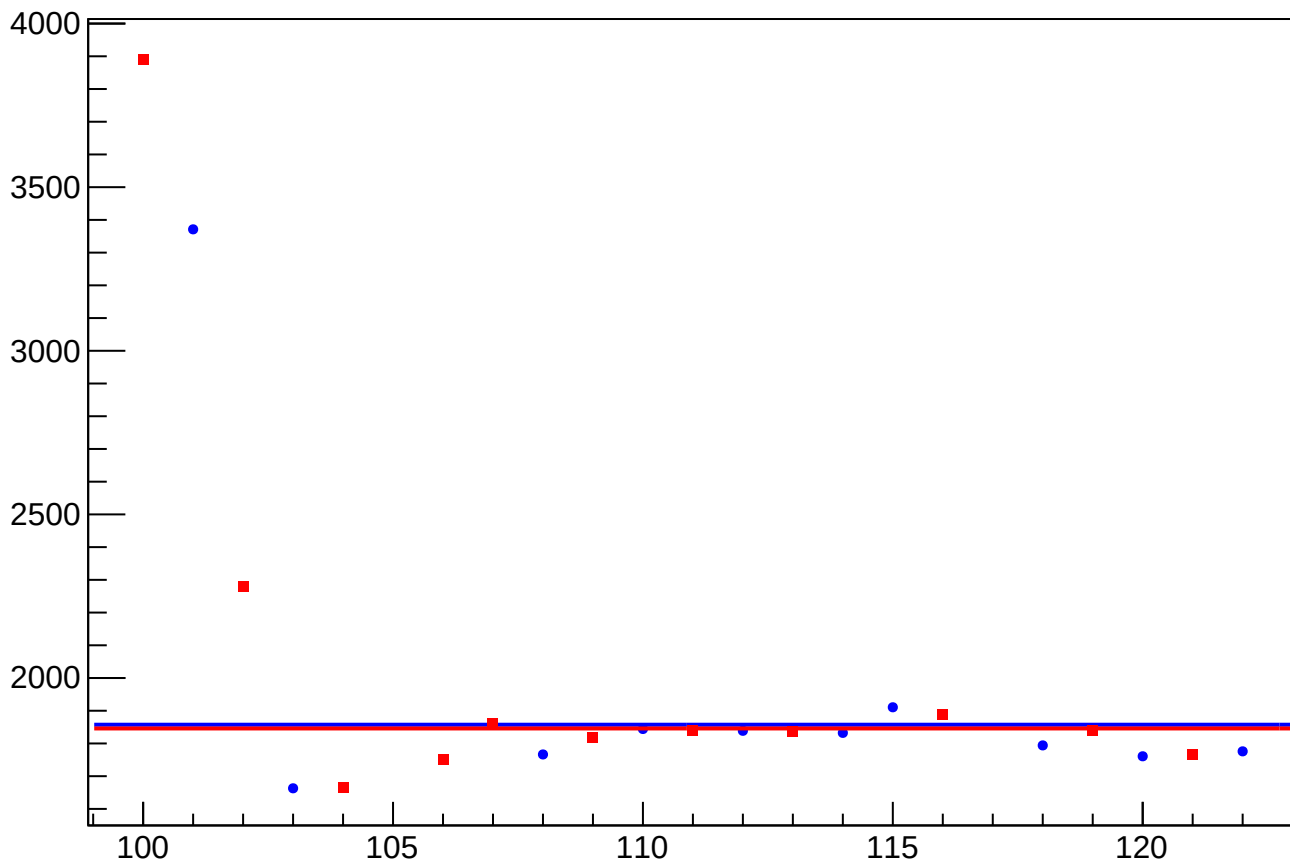
Right: -806.392+/-639.794 χ^2/NDF : 11.0/20

In: -1451.750+/-935.637 χ^2/NDF : 2.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.392+/-639.794 χ^2/NDF : 11.0/20

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1857.275+/-0.662 χ^2/NDF : 288194.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1845.815+/-0.620 χ^2/NDF : 95905.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

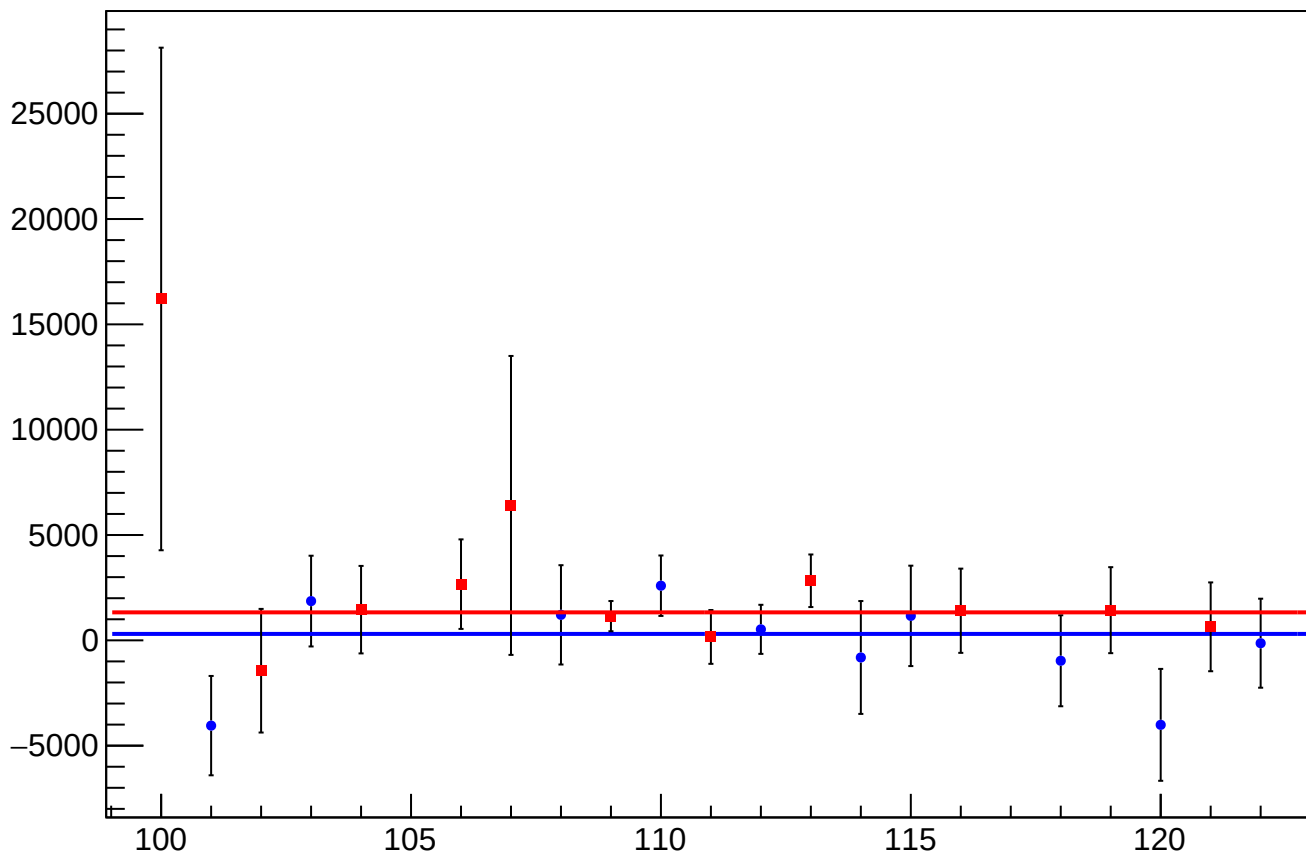
Right: 1851.174+/-0.452 χ^2/NDF : 384260.2/20

In: 1857.275+/-0.662 χ^2/NDF : 288194.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.174+/-0.452 χ^2/NDF : 384260.2/20

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 304.904+/-609.217 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.182+/-470.768 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

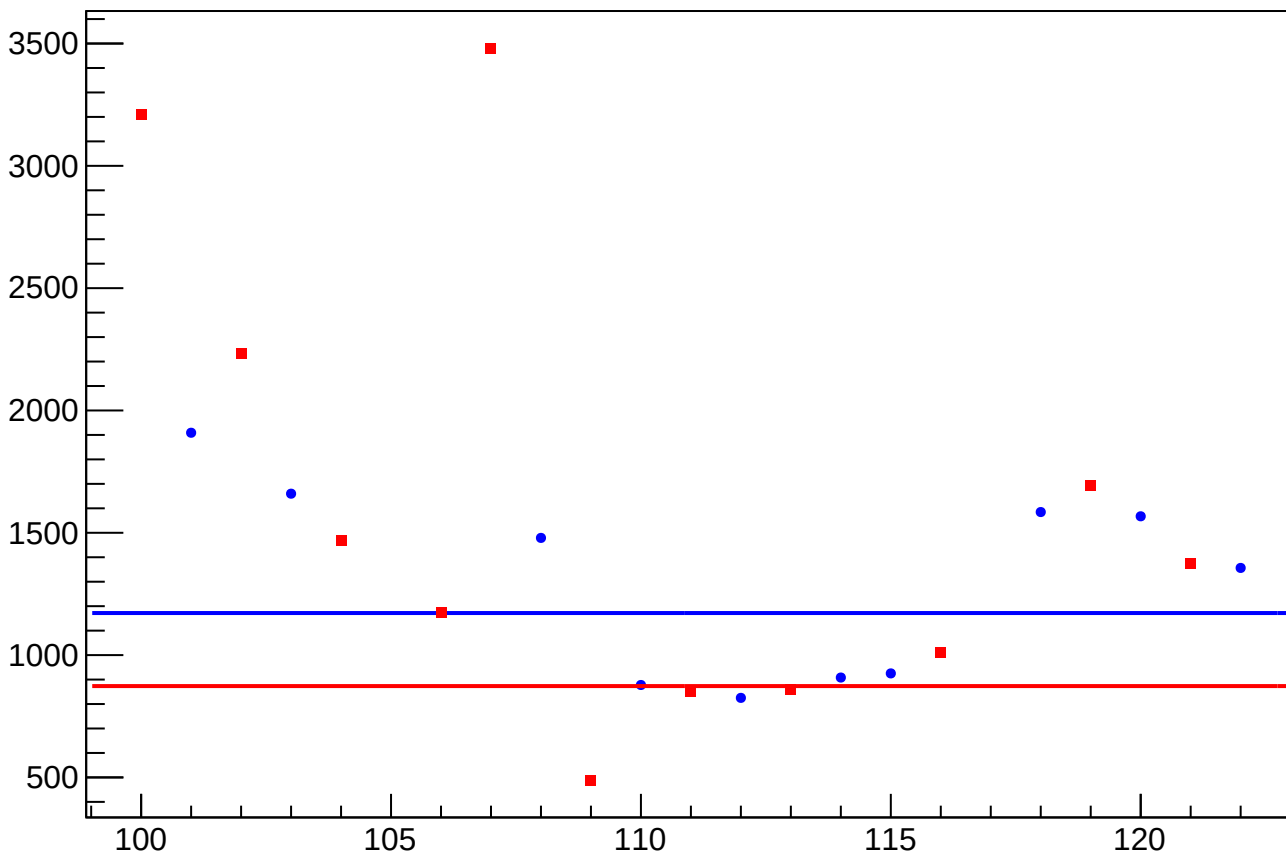
Right: 945.601+/-372.509 χ^2/NDF : 17.6/20

In: 304.904+/-609.217 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.601+/-372.509 χ^2/NDF : 17.6/20

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1171.959+/-0.431 χ^2/NDF : 766839.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.368+/-0.333 χ^2/NDF : 2006022.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

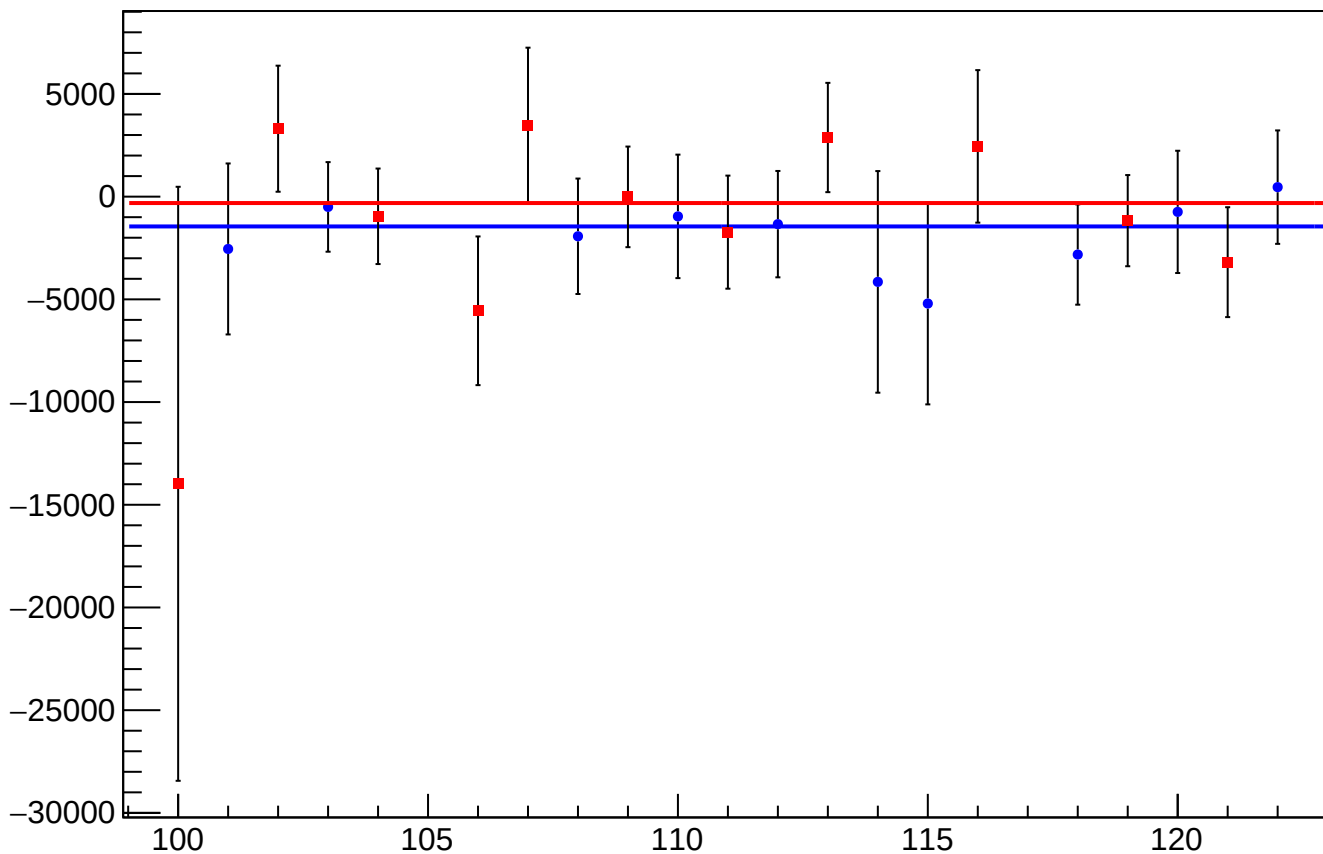
Right: 985.005+/-0.263 χ^2/NDF : 3073675.7/20

In: 1171.959+/-0.431 χ^2/NDF : 766839.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.005+/-0.263 χ^2/NDF : 3073675.7/20

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1450.618+/-935.637 χ^2/NDF : 2.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.525+/-877.932 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

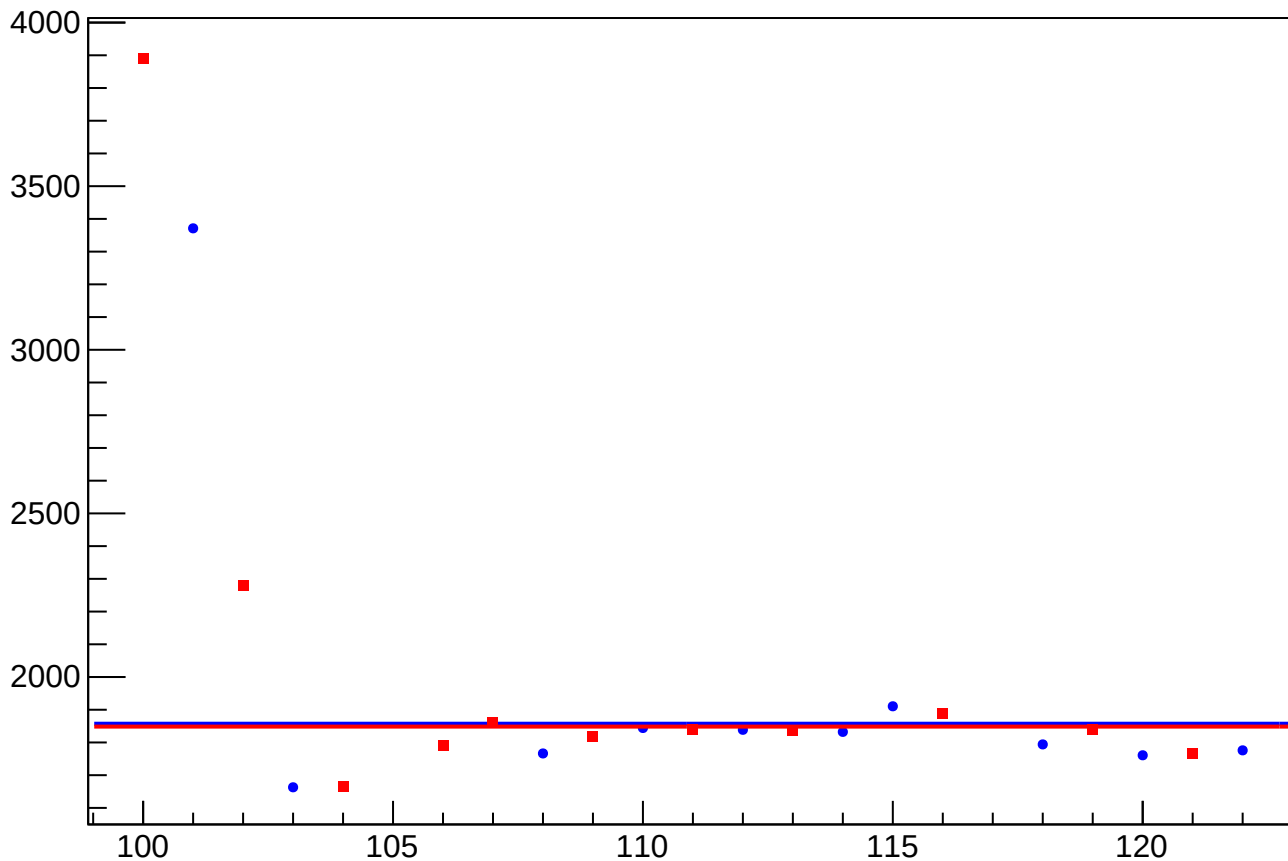
Right: -844.864+/-640.220 χ^2/NDF : 11.8/20

In: -1450.618+/-935.637 χ^2/NDF : 2.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -844.864+/-640.220 χ^2/NDF : 11.8/20

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1857.275+/-0.662 χ^2/NDF : 288196.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.459+/-0.621 χ^2/NDF : 94901.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

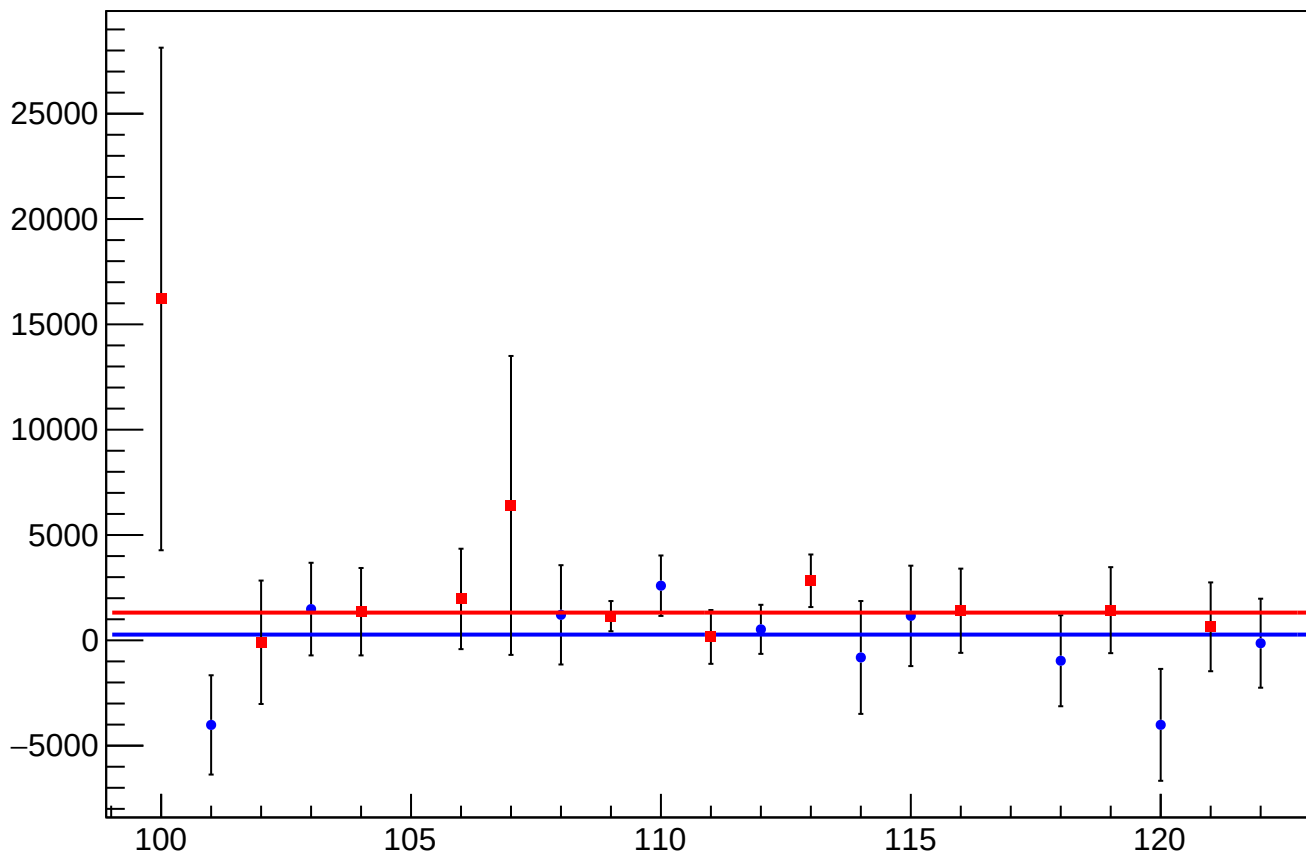
Right: 1852.587+/-0.453 χ^2/NDF : 383192.3/20

In: 1857.275+/-0.662 χ^2/NDF : 288196.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.587+/-0.453 χ^2/NDF : 383192.3/20

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 272.504+/-610.183 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.348+/-473.097 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

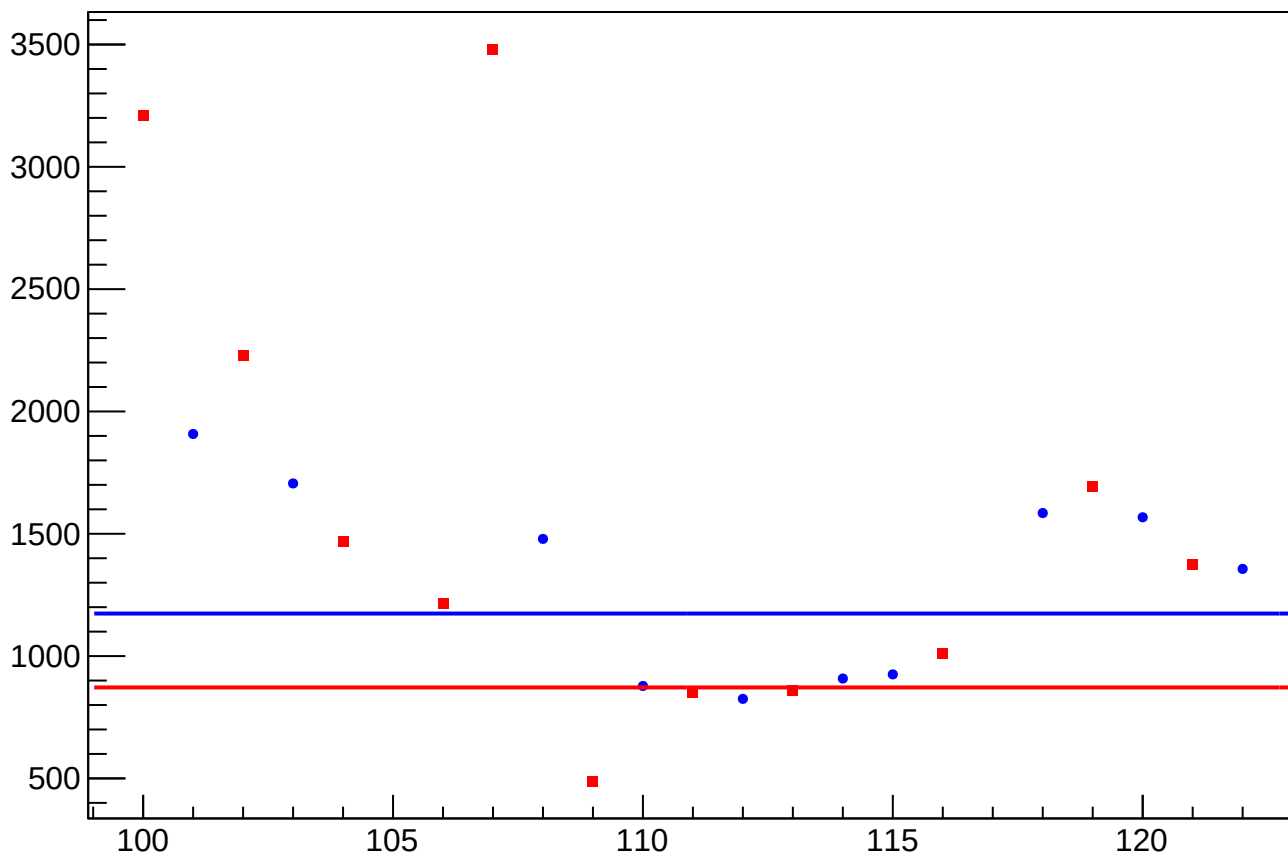
Right: 924.440+/-373.882 χ^2/NDF : 16.4/20

In: 272.504+/-610.183 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.440+/-373.882 χ^2/NDF : 16.4/20

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1173.914+/-0.431 χ^2/NDF : 781789.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 871.820+/-0.335 χ^2/NDF : 2005217.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

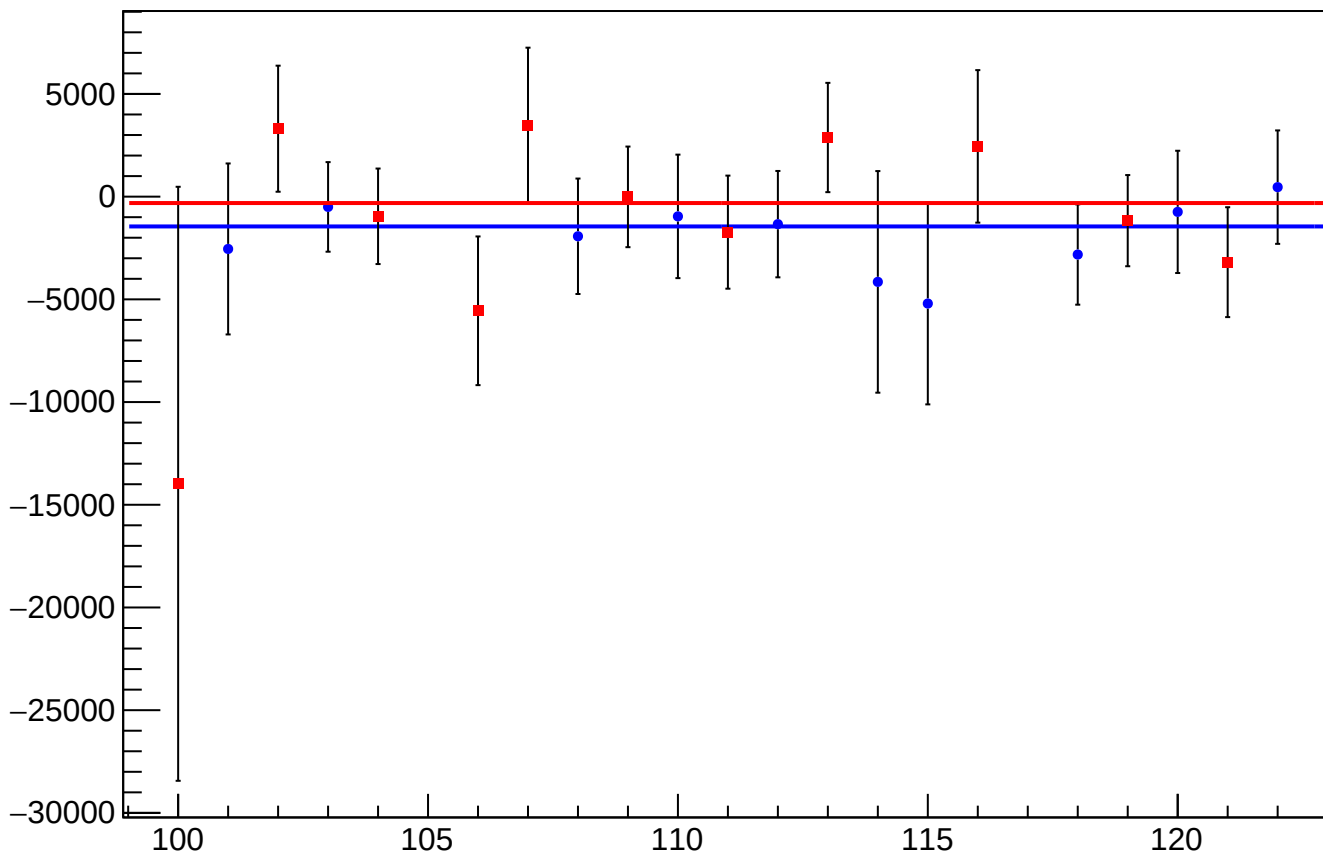
Right: 985.241+/-0.264 χ^2/NDF : 3093178.1/20

In: 1173.914+/-0.431 χ^2/NDF : 781789.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.241+/-0.264 χ^2/NDF : 3093178.1/20

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1450.618+/-935.637 χ^2/NDF : 2.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -311.525+/-877.932 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

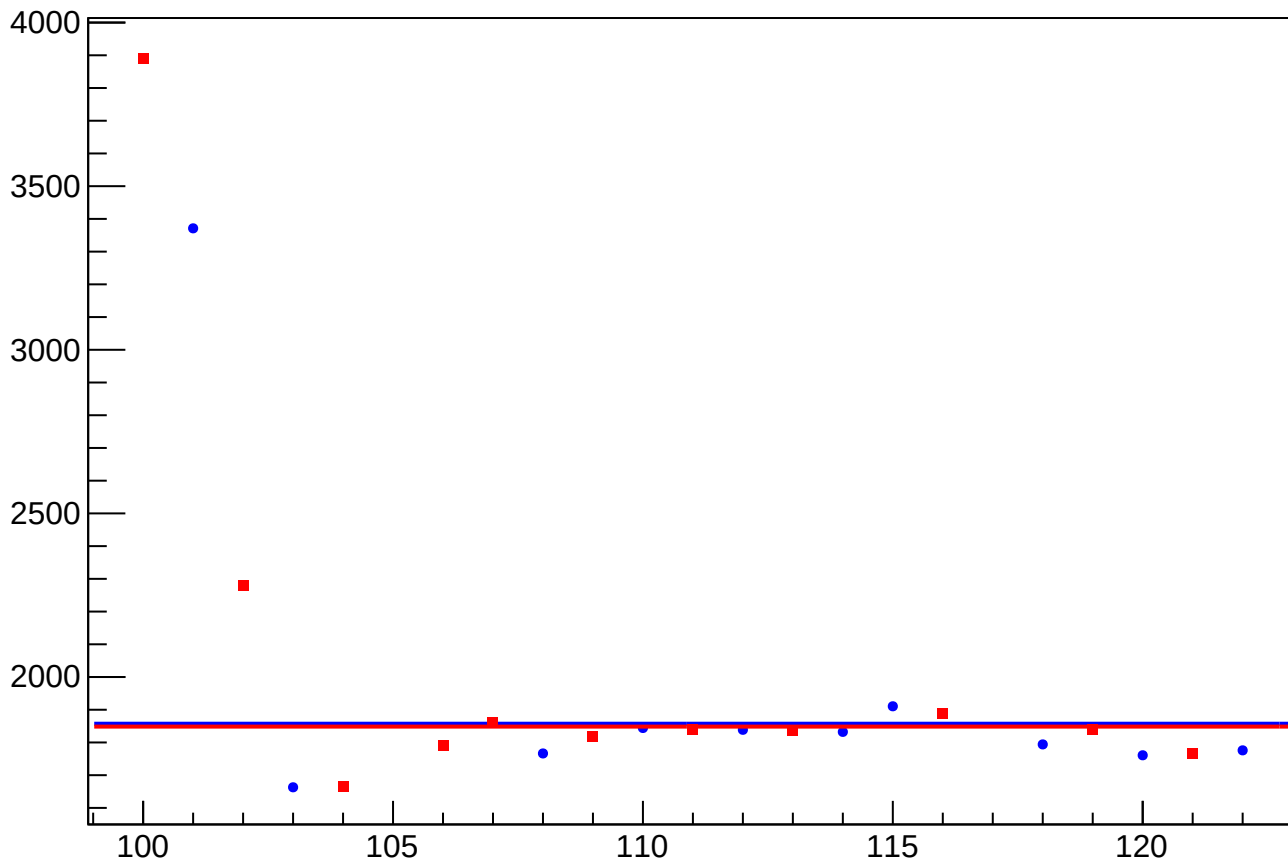
Right: -844.864+/-640.220 χ^2/NDF : 11.8/20

In: -1450.618+/-935.637 χ^2/NDF :2.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -844.864+/-640.220 χ^2/NDF : 11.8/20

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1857.275+/-0.662 χ^2/NDF : 288196.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.459+/-0.621 χ^2/NDF : 94901.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

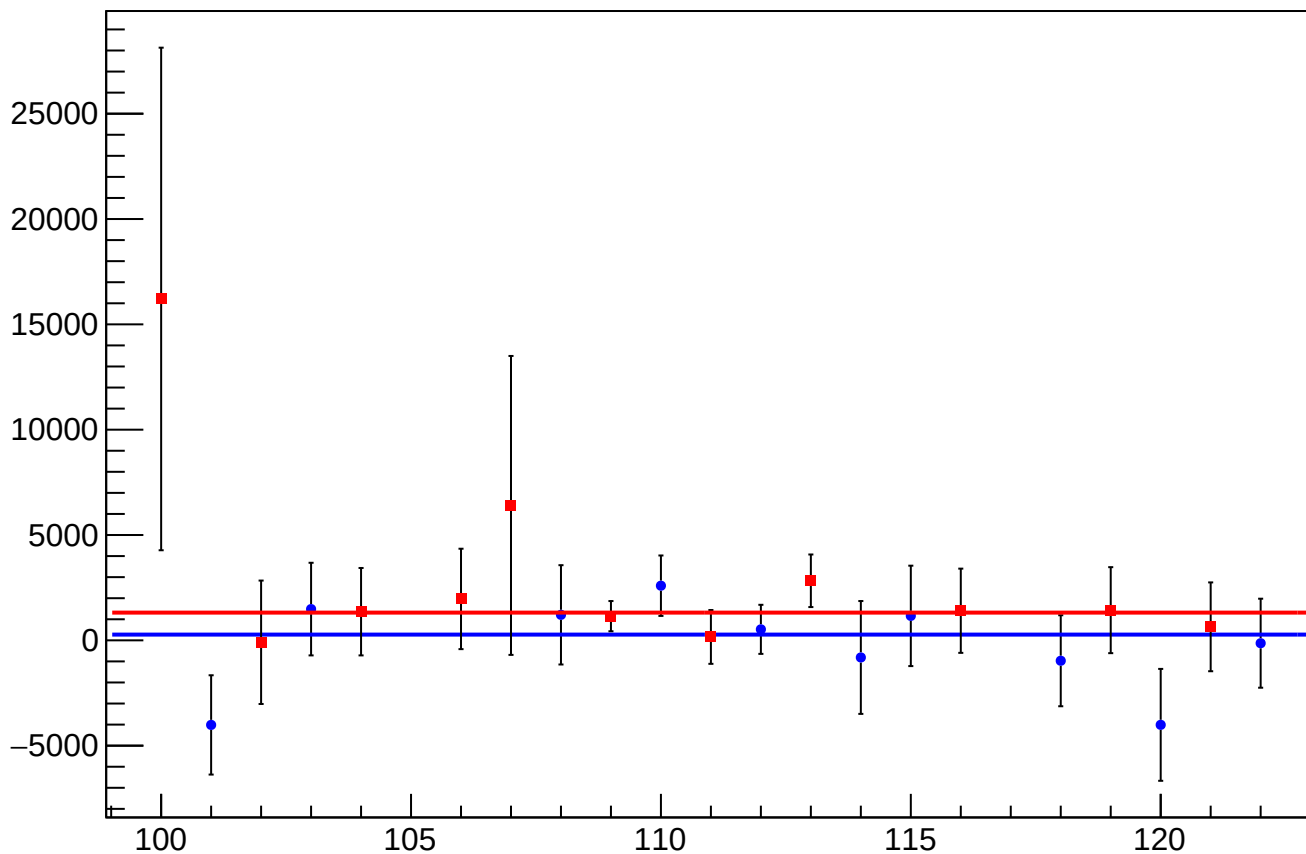
Right: 1852.587+/-0.453 χ^2/NDF : 383192.3/20

In: 1857.275+/-0.662 χ^2/NDF : 288196.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.587+/-0.453 χ^2/NDF : 383192.3/20

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 272.504+/-610.183 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.348+/-473.097 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

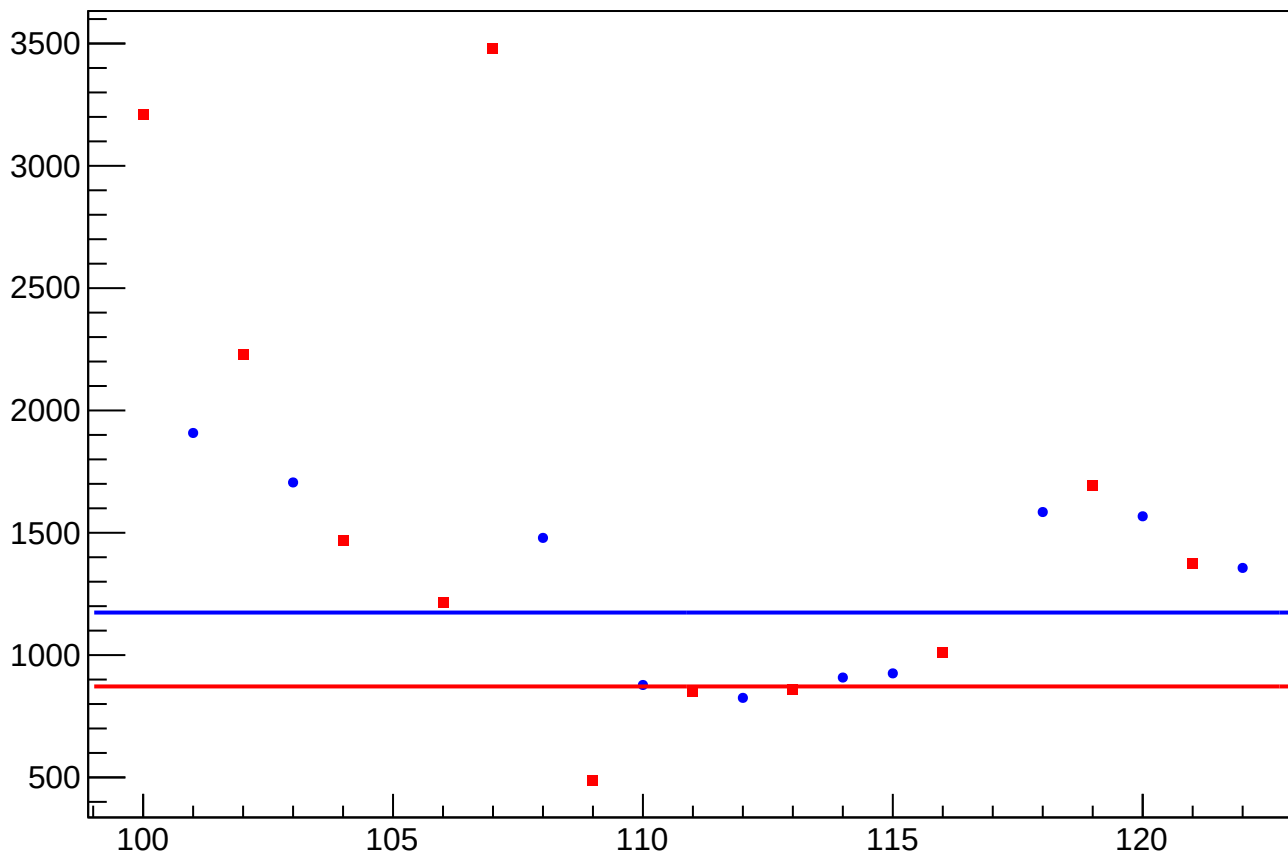
Right: 924.440+/-373.882 χ^2/NDF : 16.4/20

In: 272.504+/-610.183 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.440+/-373.882 χ^2/NDF : 16.4/20

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1173.914+/-0.431 χ^2/NDF : 781789.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 871.820+/-0.335 χ^2/NDF : 2005217.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

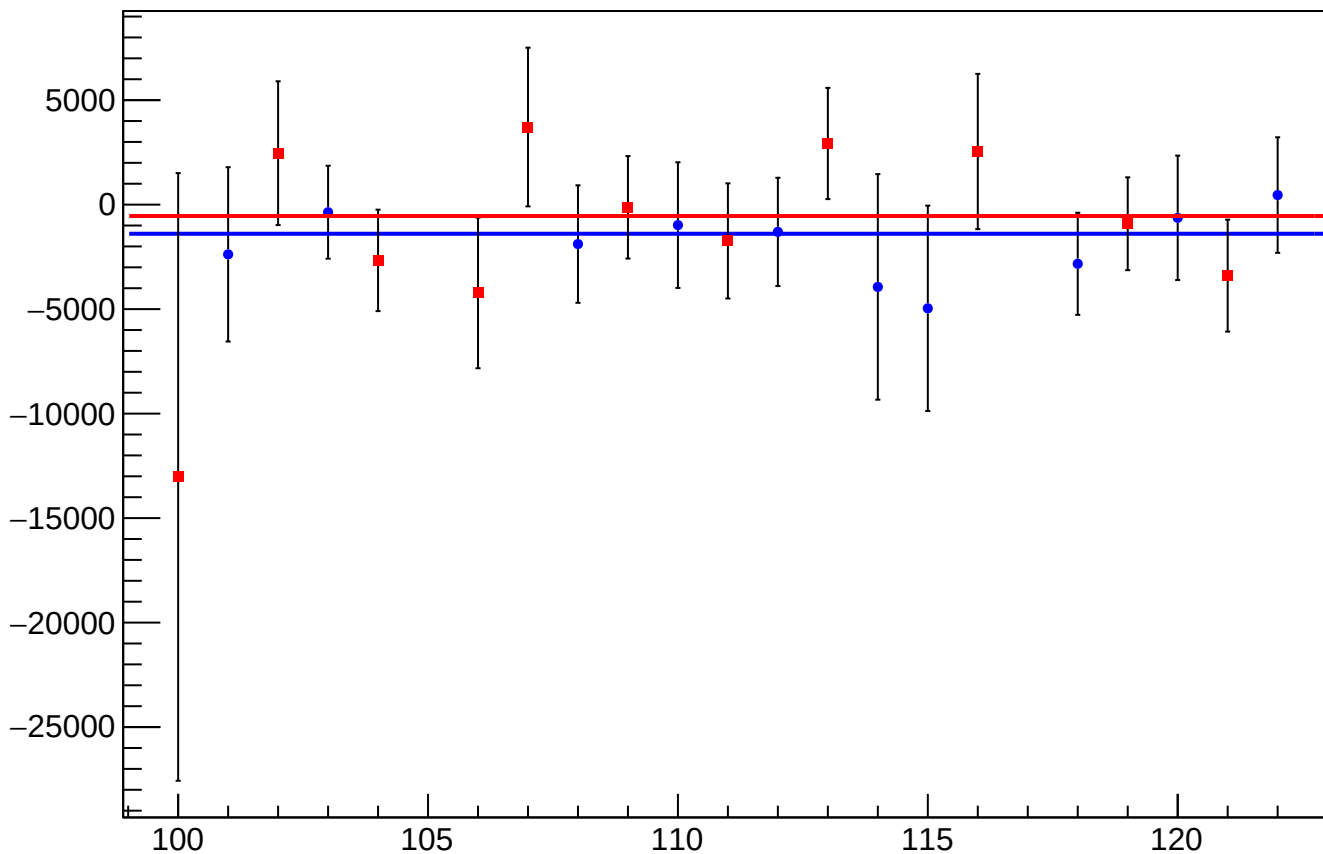
Right: 985.241+/-0.264 χ^2/NDF : 3093178.1/20

In: 1173.914+/-0.431 χ^2/NDF : 781789.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.241+/-0.264 χ^2/NDF : 3093178.1/20

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1393.447 ± 939.521 χ^2/NDF : 1.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -545.160 ± 891.149 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

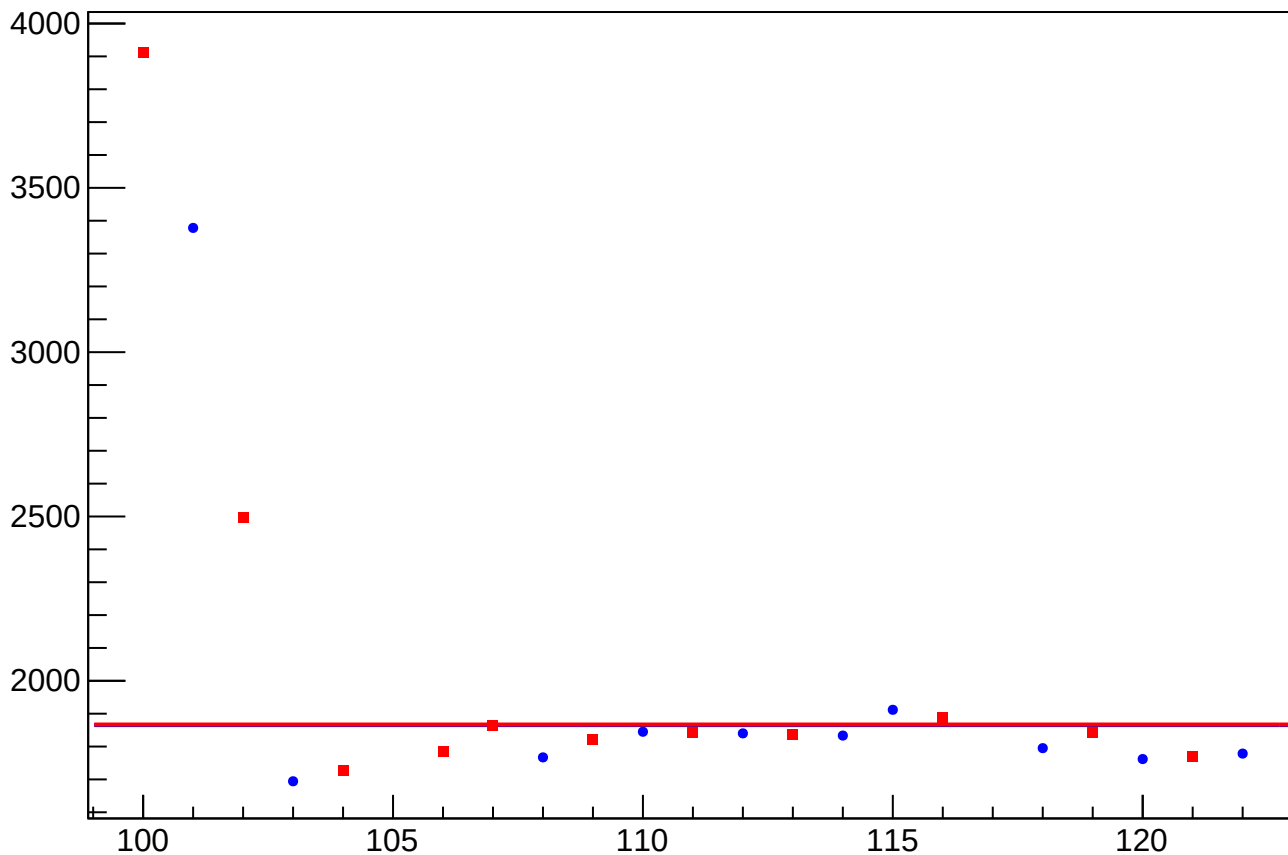
Right: -946.904 ± 646.562 χ^2/NDF : 10.7/20

In: -1393.447 ± 939.521 χ^2/NDF : 1.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -946.904 ± 646.562 χ^2/NDF : 10.7/20

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1865.310+/-0.664 χ^2/NDF : 283997.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1867.050+/-0.630 χ^2/NDF : 118580.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

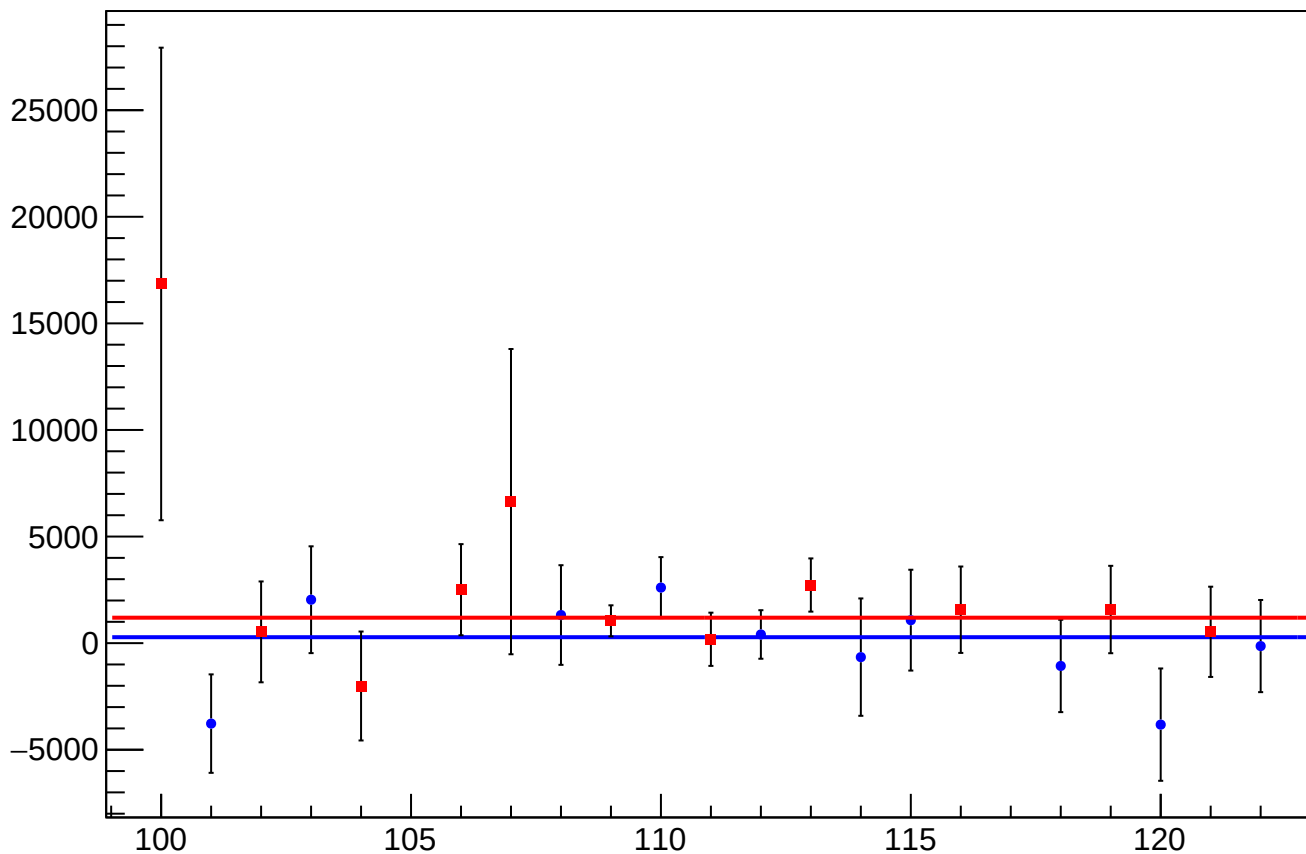
Right: 1866.226+/-0.457 χ^2/NDF : 402582.1/20

In: 1865.310+/-0.664 χ^2/NDF : 283997.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.226+/-0.457 χ^2/NDF : 402582.1/20

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 278.858+/-611.712 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1194.086+/-474.269 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

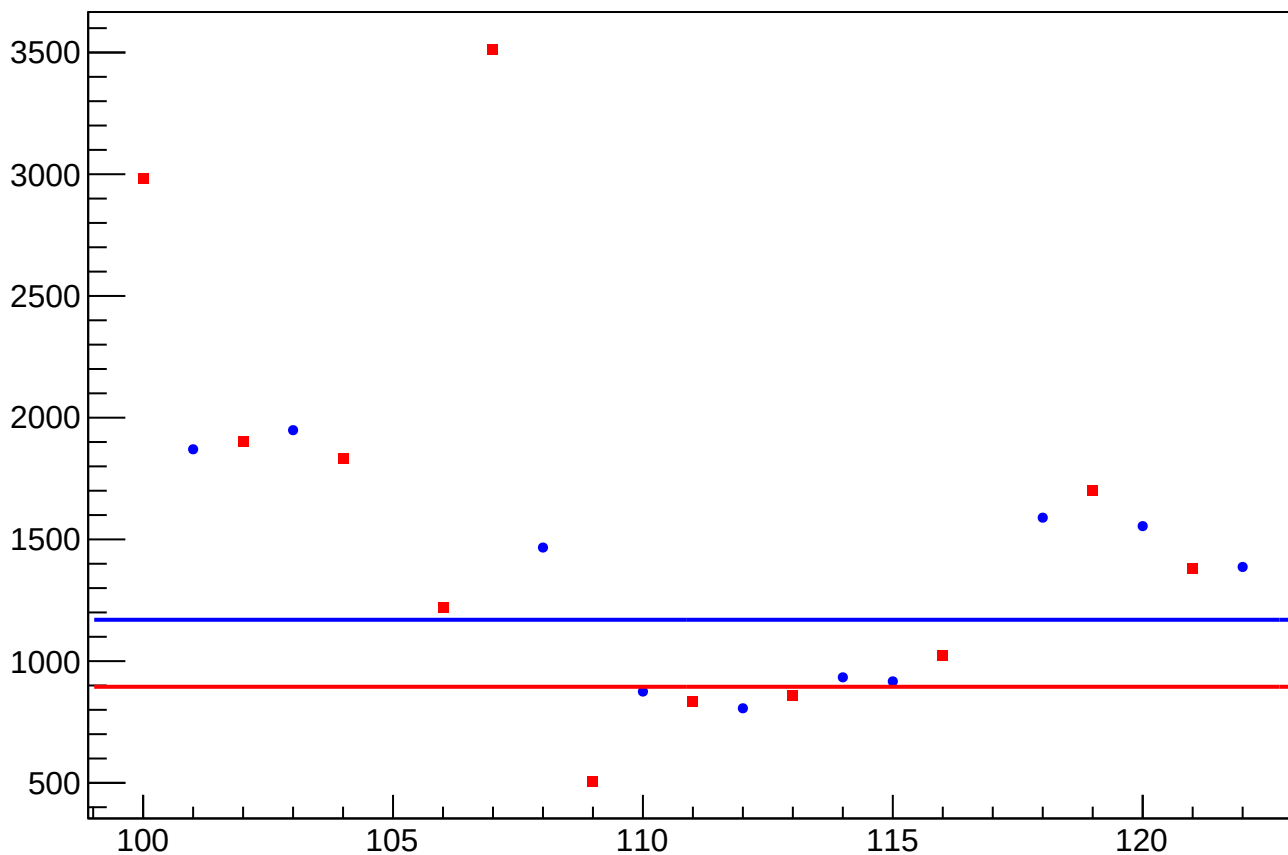
Right: 850.478+/-374.812 χ^2/NDF : 17.9/20

In: 278.858+/-611.712 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.478+/-374.812 χ^2/NDF : 17.9/20

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1169.876+/-0.433 χ^2/NDF : 873794.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.652+/-0.335 χ^2/NDF : 2017230.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

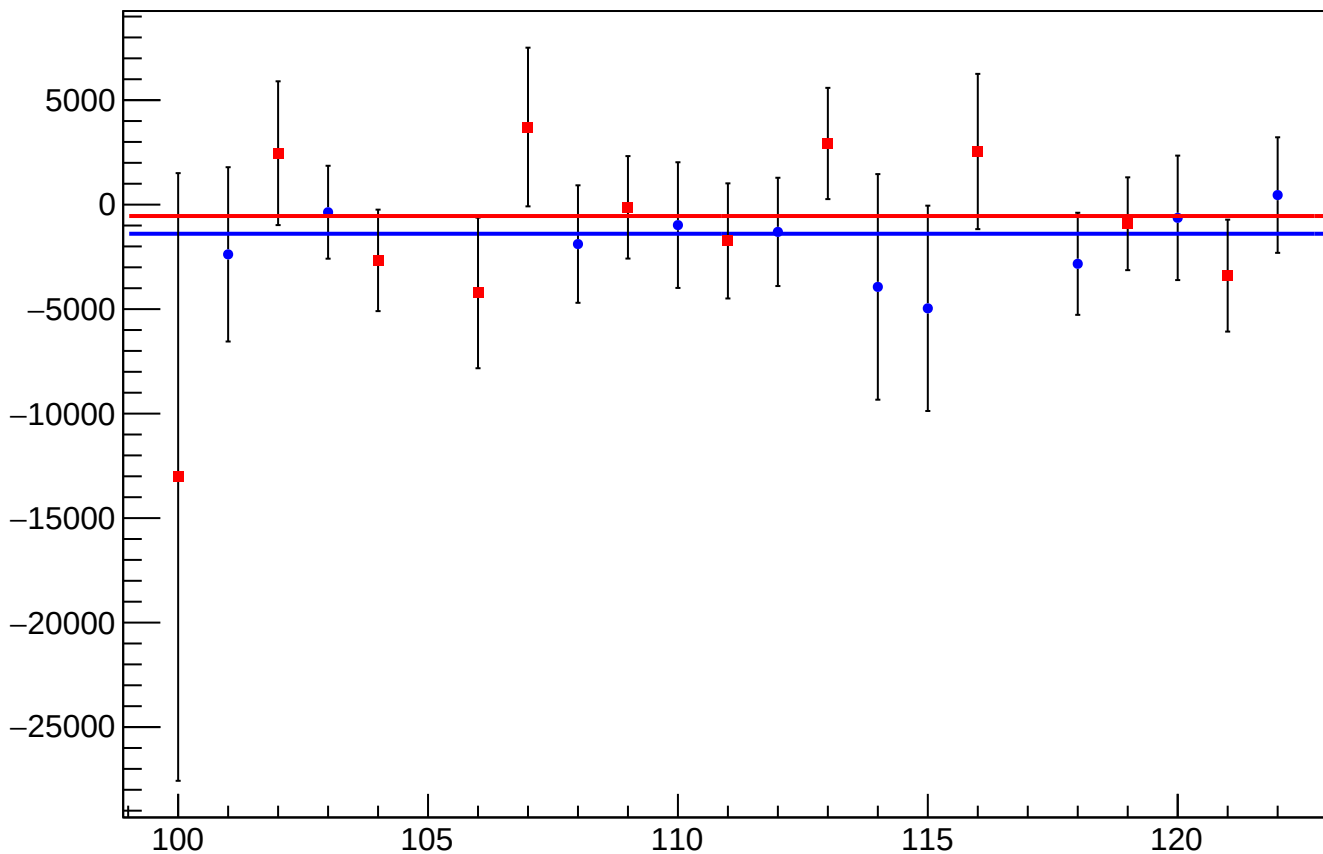
Right: 997.981+/-0.265 χ^2/NDF : 3143888.1/20

In: 1169.876+/-0.433 χ^2/NDF : 873794.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.981+/-0.265 χ^2/NDF : 3143888.1/20

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1393.444+/-939.521 χ^2/NDF : 1.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -545.163+/-891.149 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

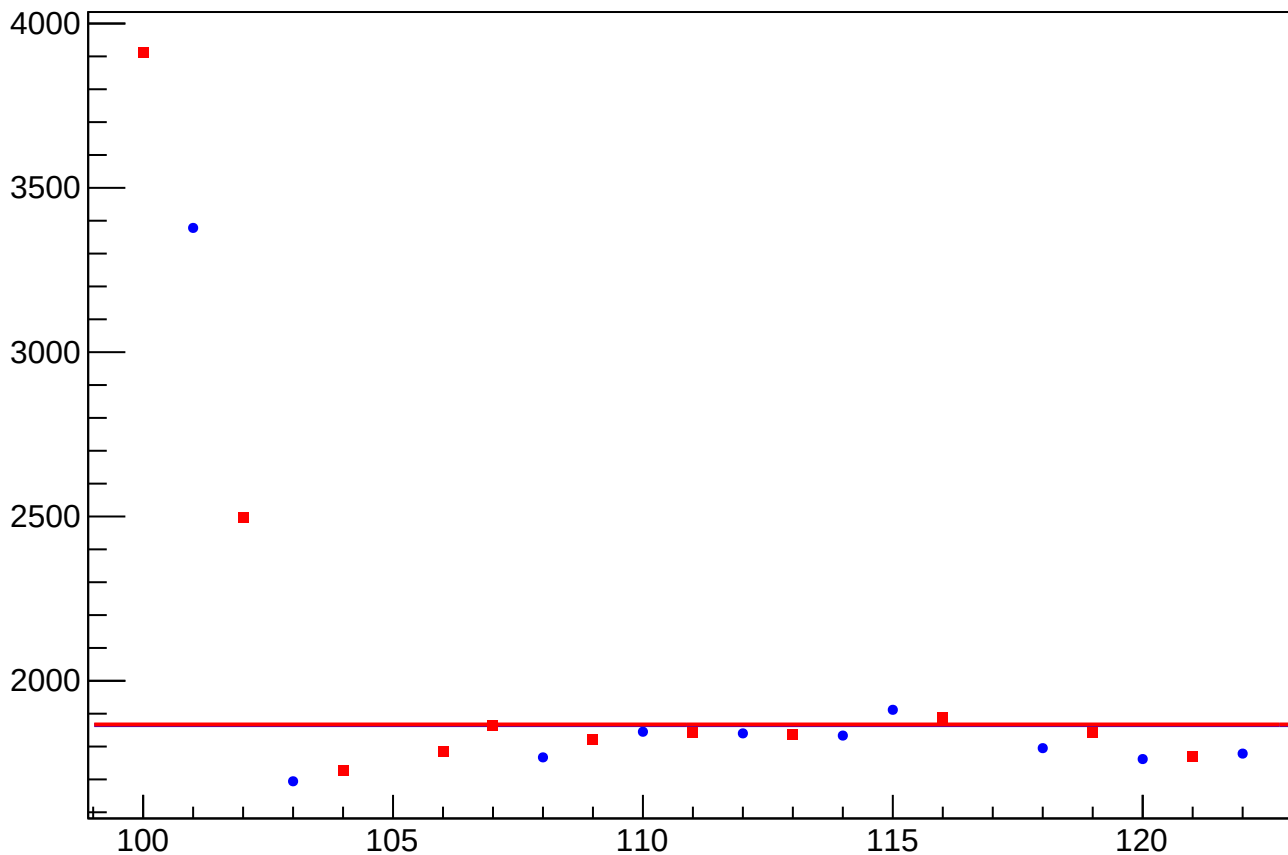
Right: -946.905+/-646.562 χ^2/NDF : 10.7/20

In: -1393.444+/-939.521 χ^2/NDF : 1.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -946.905+/-646.562 χ^2/NDF : 10.7/20

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1865.310+/-0.664 χ^2/NDF : 283997.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1867.050+/-0.630 χ^2/NDF : 118580.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

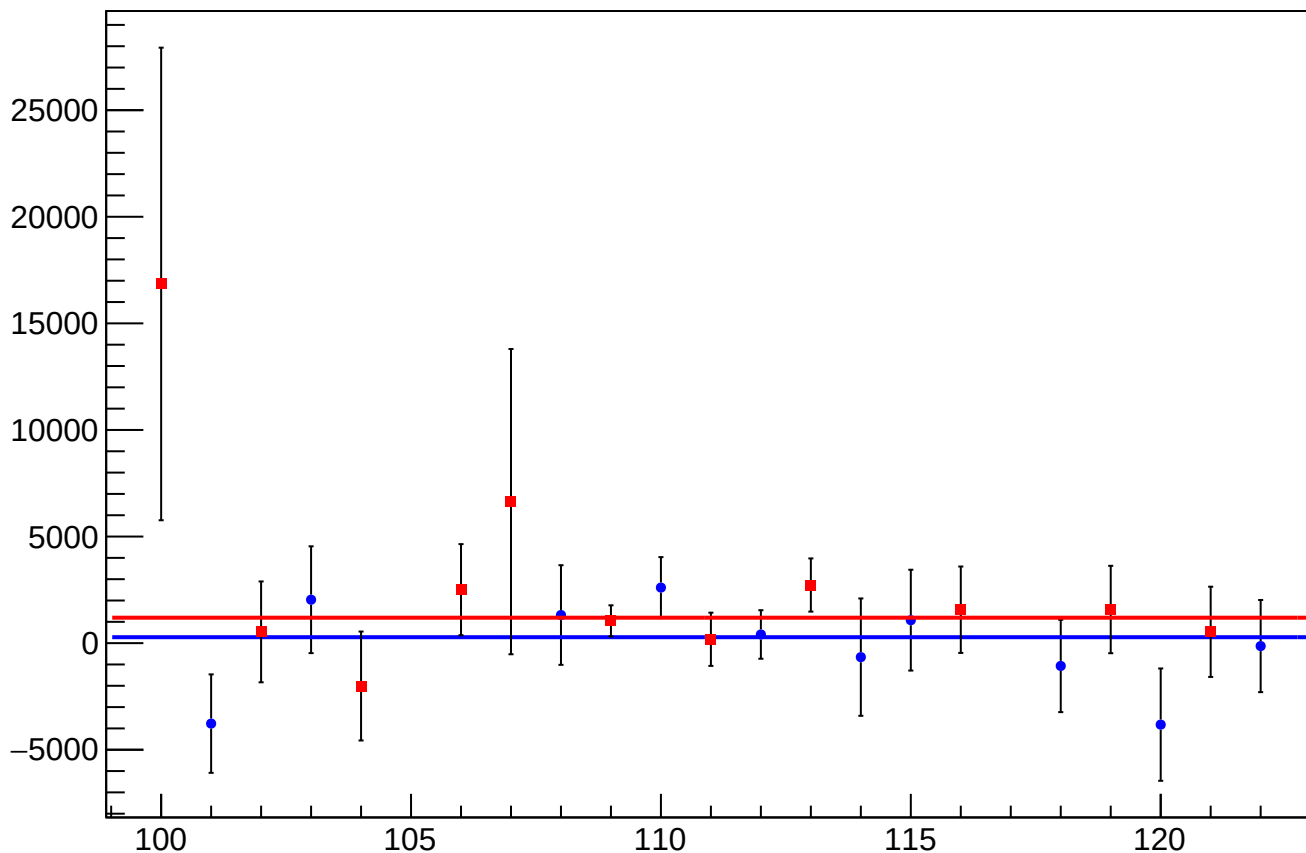
Right: 1866.226+/-0.457 χ^2/NDF : 402582.1/20

In: 1865.310+/-0.664 χ^2/NDF : 283997.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.226+/-0.457 χ^2/NDF : 402582.1/20

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 278.859+/-611.708 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1194.084+/-474.268 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

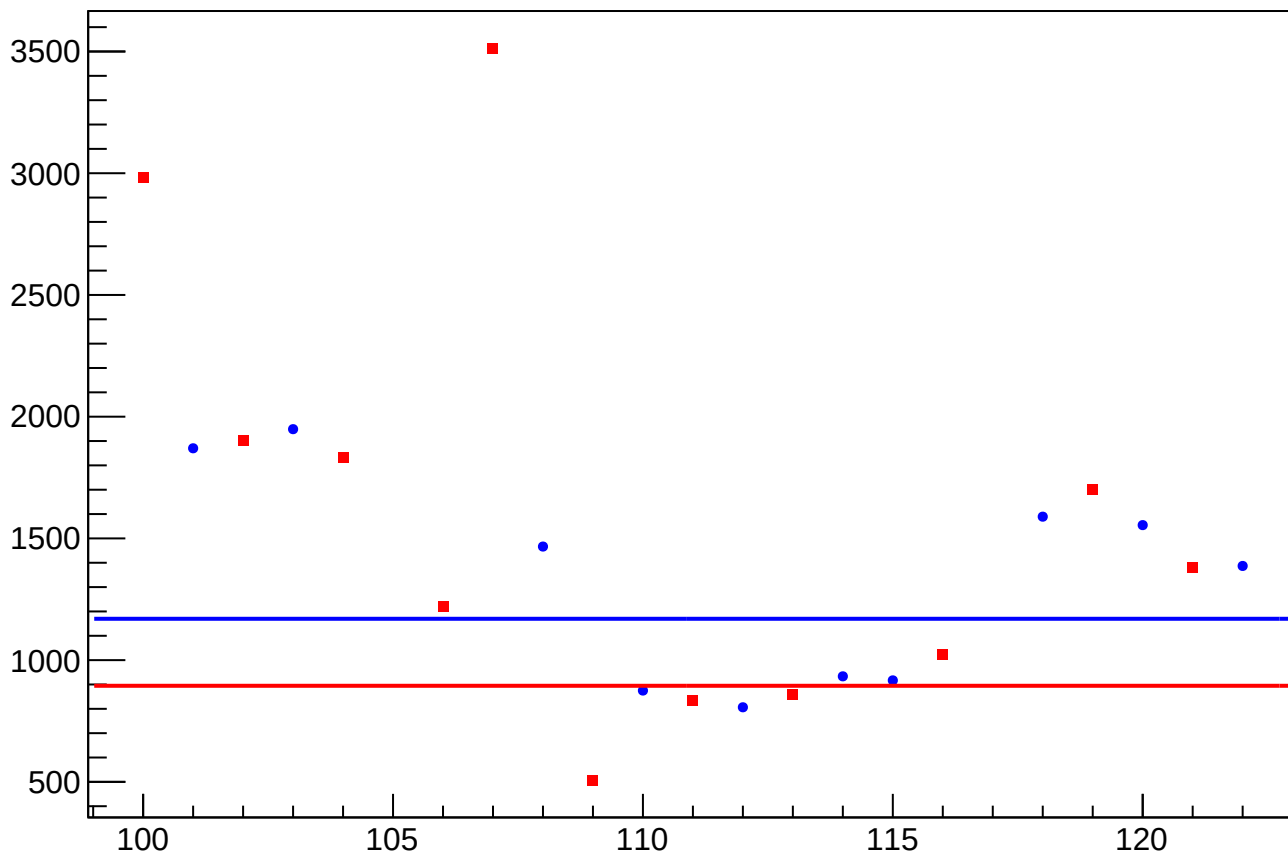
Right: 850.475+/-374.811 χ^2/NDF : 17.9/20

In: 278.859+/-611.708 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.475+/-374.811 χ^2/NDF : 17.9/20

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1169.868+/-0.433 χ^2/NDF : 873805.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.651+/-0.335 χ^2/NDF : 2017223.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

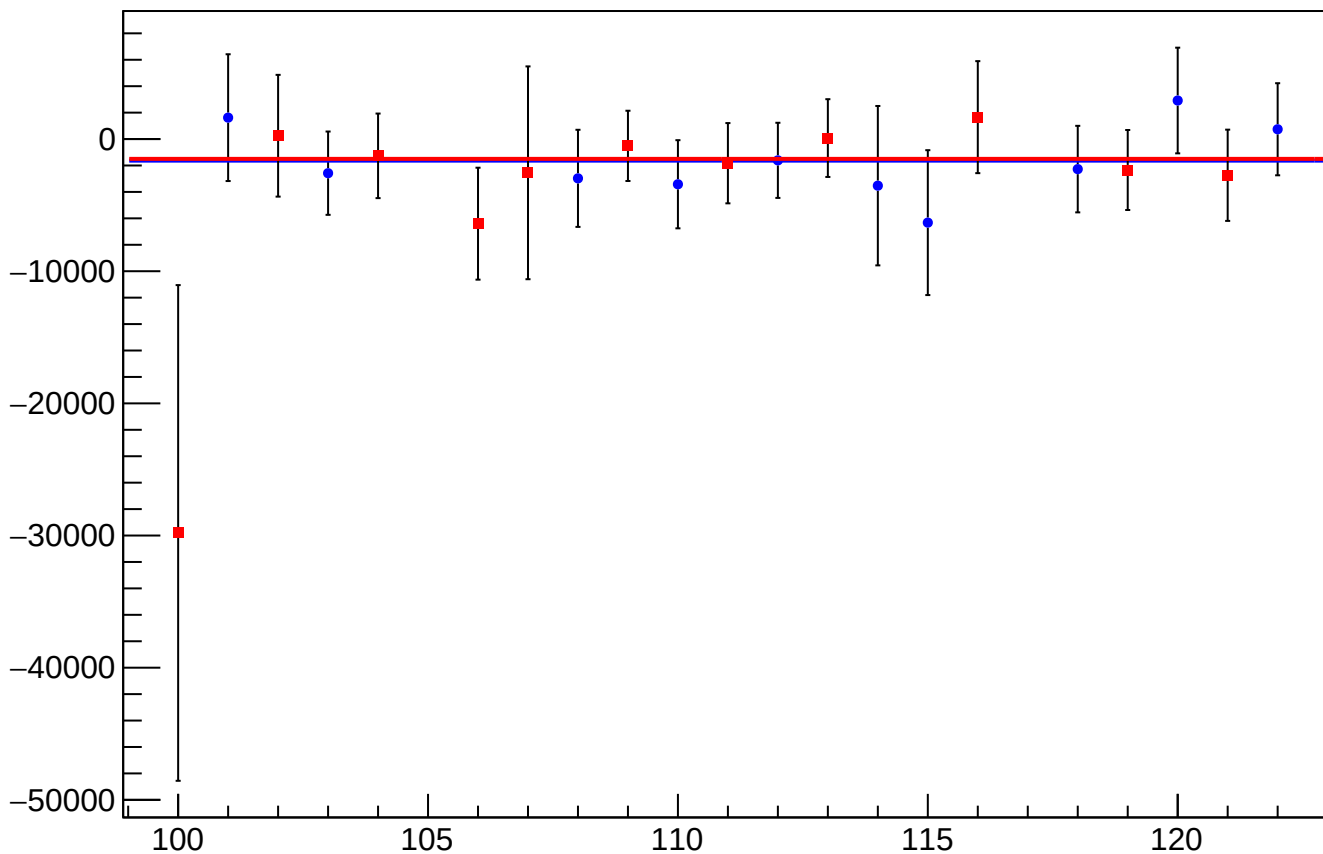
Right: 997.978+/-0.265 χ^2/NDF : 3143882.5/20

In: 1169.868+/-0.433 χ^2/NDF : 873805.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.978+/-0.265 χ^2/NDF : 3143882.5/20

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1631.454+/-1169.717 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1499.153+/-1095.595 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

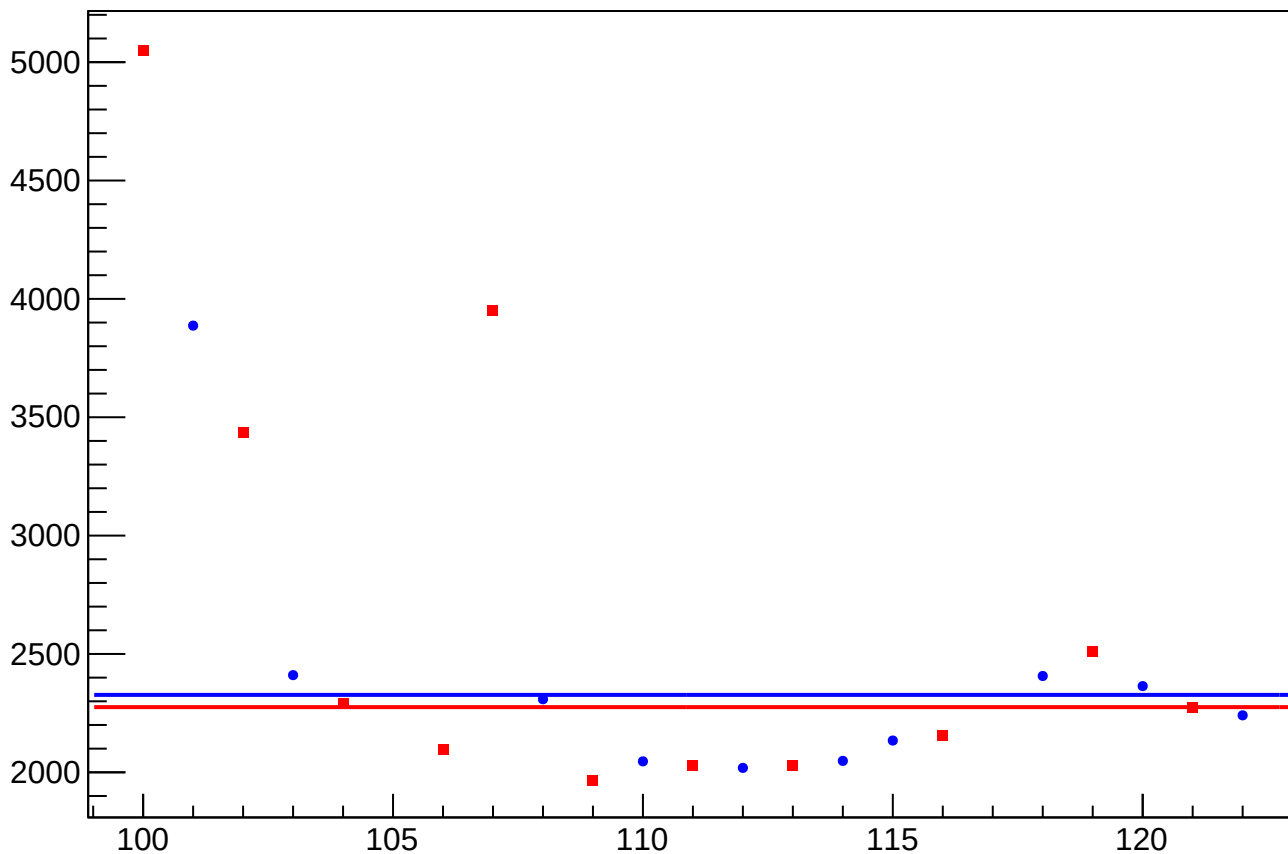
Right: -1560.979+/-799.623 χ^2/NDF : 8.6/20

In: -1631.454+/-1169.717 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1560.979+/-799.623 χ^2/NDF : 8.6/20

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2327.119+/-0.827 χ^2/NDF : 260032.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2275.421+/-0.775 χ^2/NDF : 328707.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

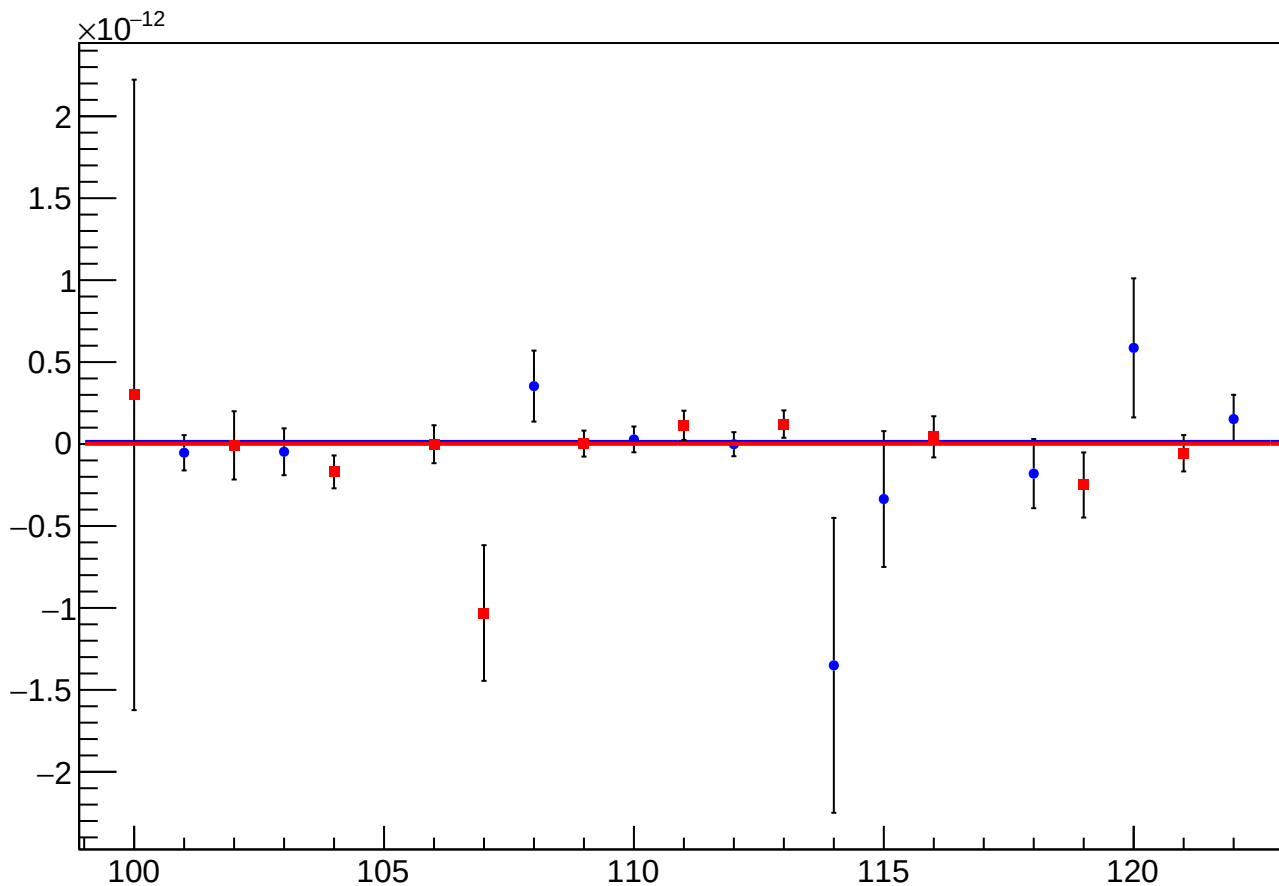
Right: 2299.580+/-0.565 χ^2/NDF : 590821.3/20

In: 2327.119+/-0.827 χ^2/NDF :260032.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2299.580+/-0.565 χ^2/NDF : 590821.3/20

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.7/9

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

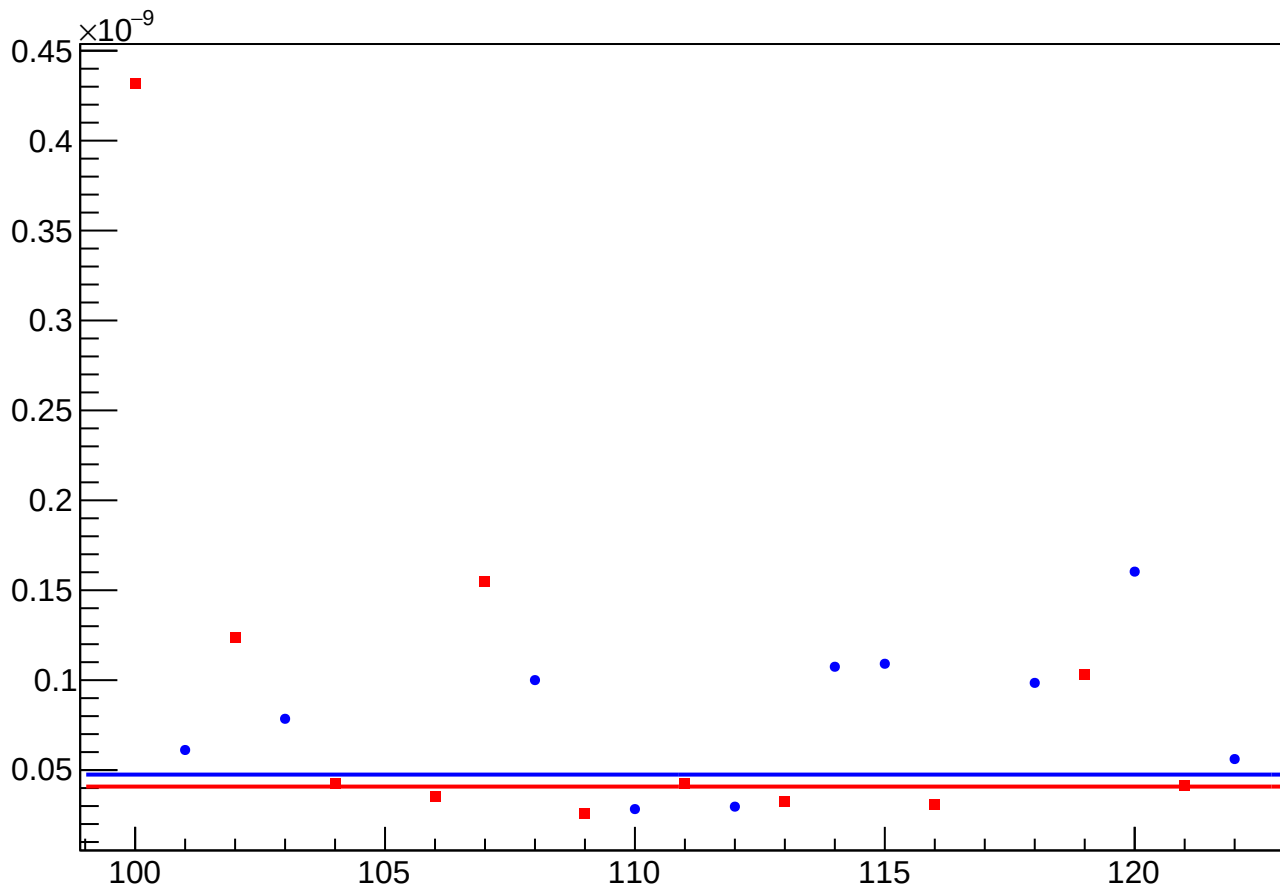
Right: 0.000+/-0.000 χ^2/NDF : 24.5/20

In: 0.000+/-0.000 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.5/20

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 799055.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 862257.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

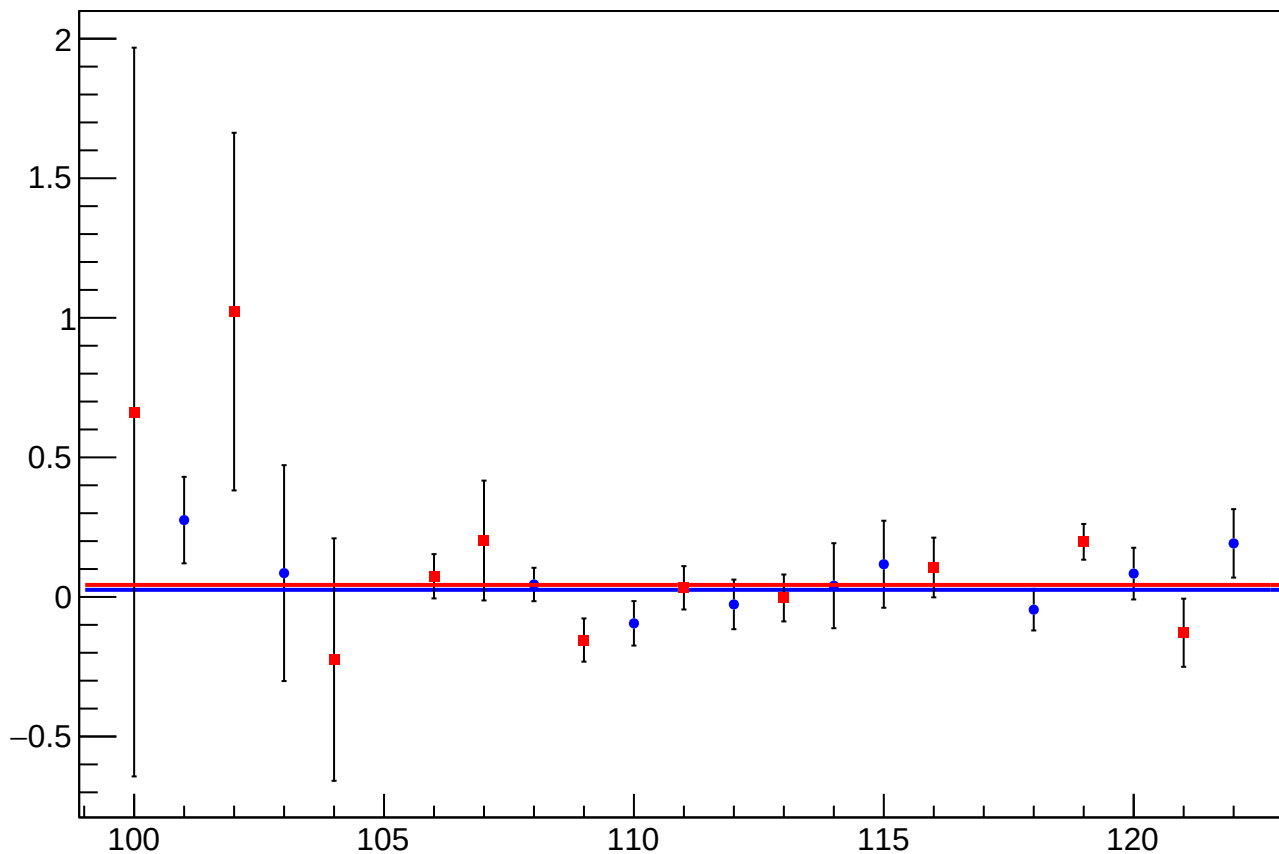
Right: 0.000+/-0.000 χ^2/NDF : 1691402.7/20

In: 0.000+/-0.000 χ^2/NDF : 799055.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1691402.7/20

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.031 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.031 χ^2/NDF : 18.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

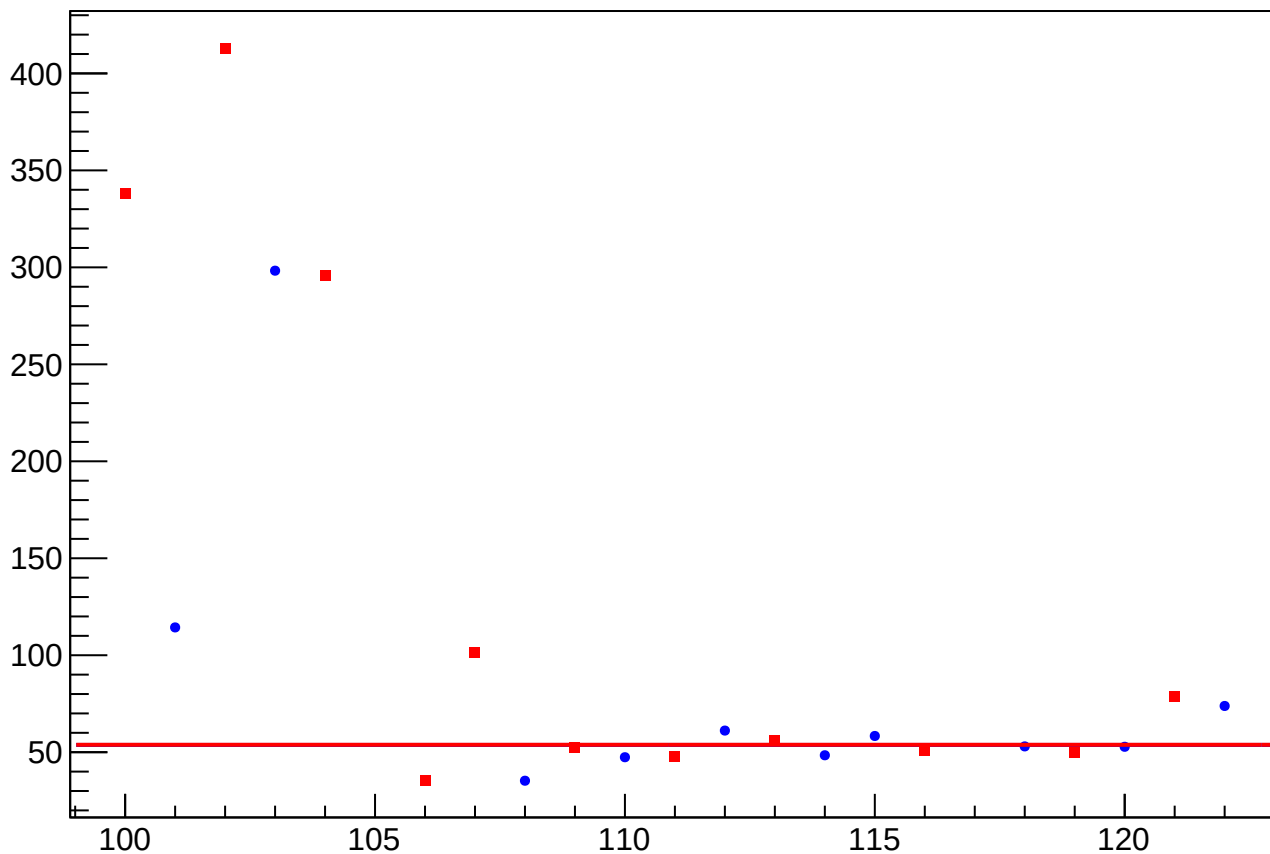
Right: 0.034+/-0.022 χ^2/NDF : 27.6/20

In: 0.026+/-0.031 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.022 χ^2/NDF : 27.6/20

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.740+/-0.022 χ^2/NDF : 1380596.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.825+/-0.022 χ^2/NDF : 1657735.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

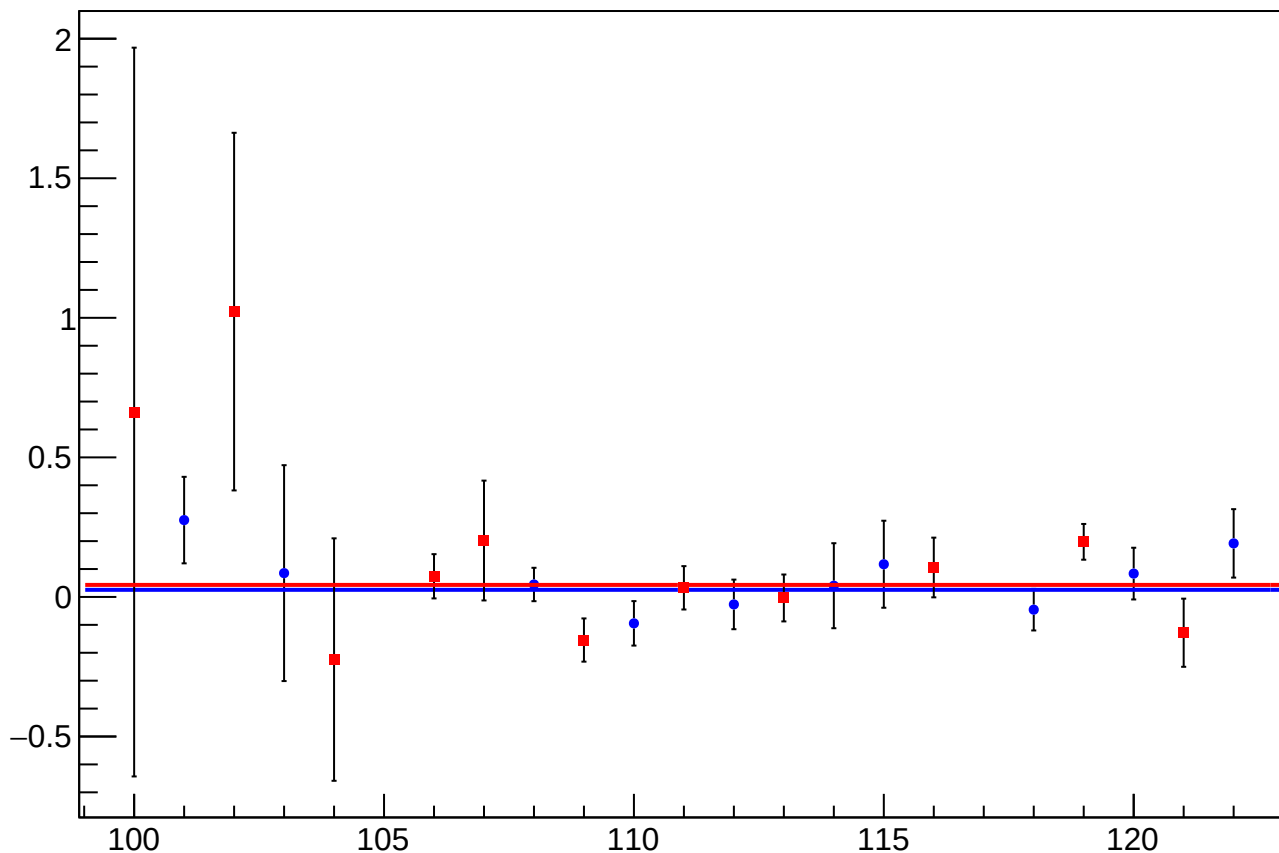
Right: 53.782+/-0.015 χ^2/NDF : 3038339.5/20

In: 53.740+/-0.022 χ^2/NDF : 1380596.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.782+/-0.015 χ^2/NDF : 3038339.5/20

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.031 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.031 χ^2/NDF : 18.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

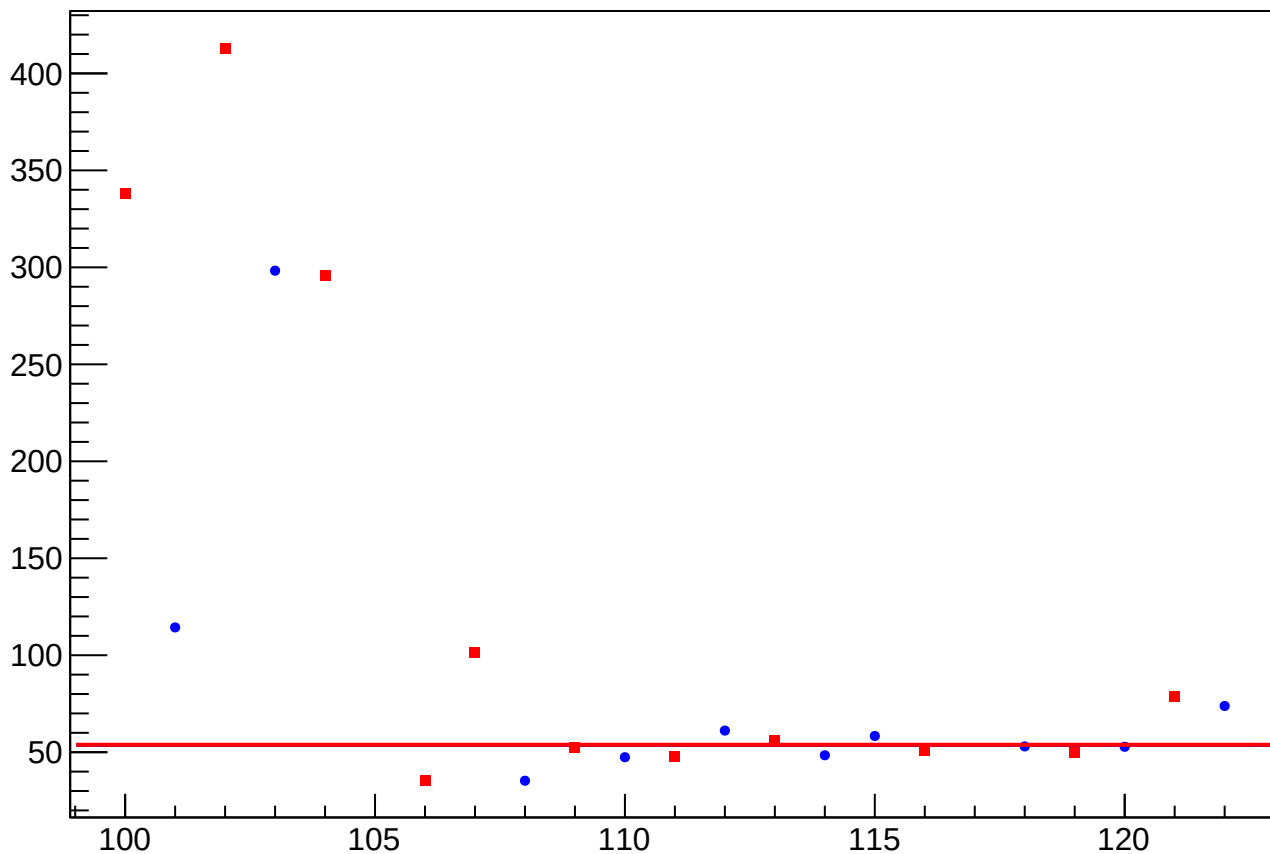
Right: 0.034+/-0.022 χ^2/NDF : 27.6/20

In: 0.026+/-0.031 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.022 χ^2/NDF : 27.6/20

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.740+/-0.022 χ^2/NDF : 1380596.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.825+/-0.022 χ^2/NDF : 1657735.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

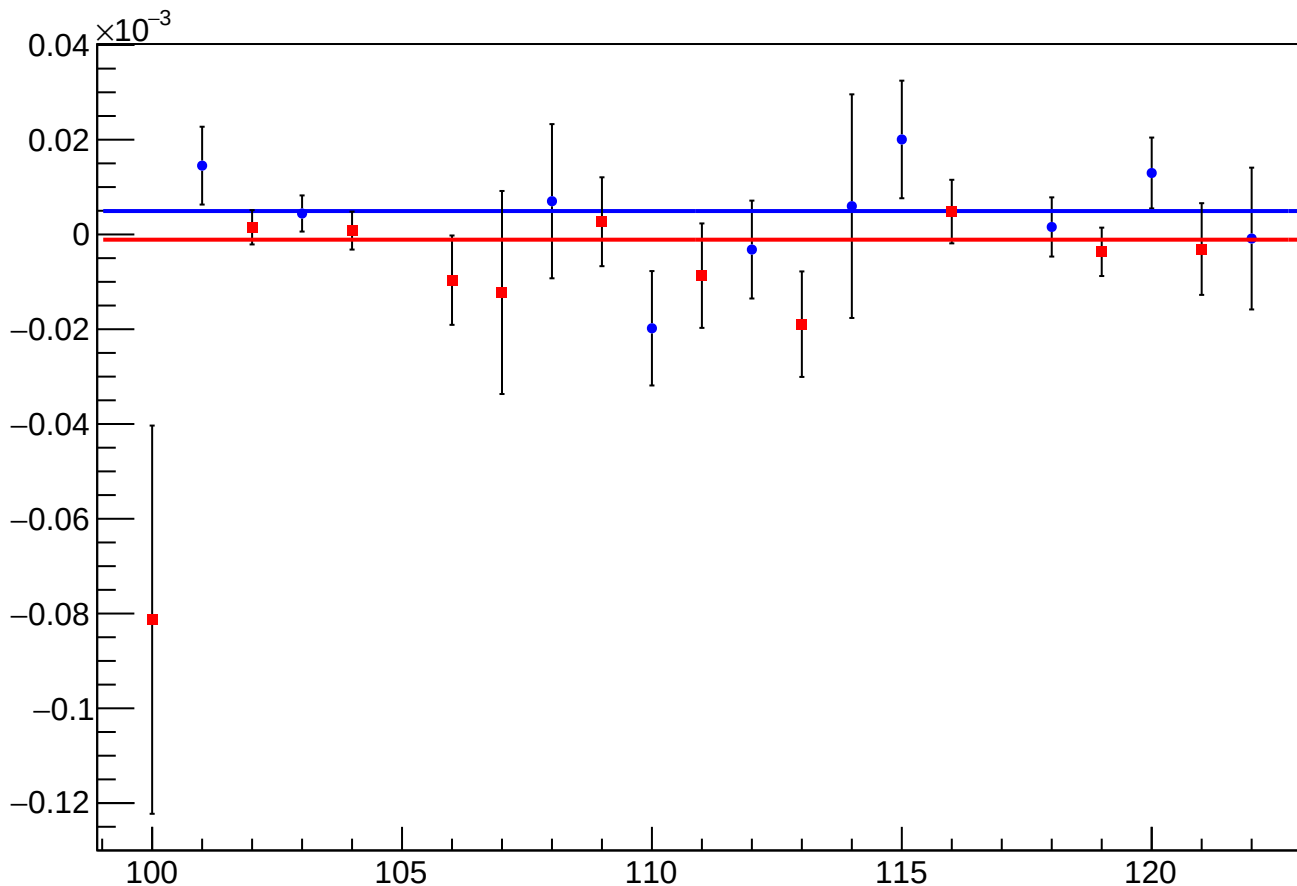
Right: 53.782+/-0.015 χ^2/NDF : 3038339.5/20

In: 53.740+/-0.022 χ^2/NDF : 1380596.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.782+/-0.015 χ^2/NDF : 3038339.5/20

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 : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

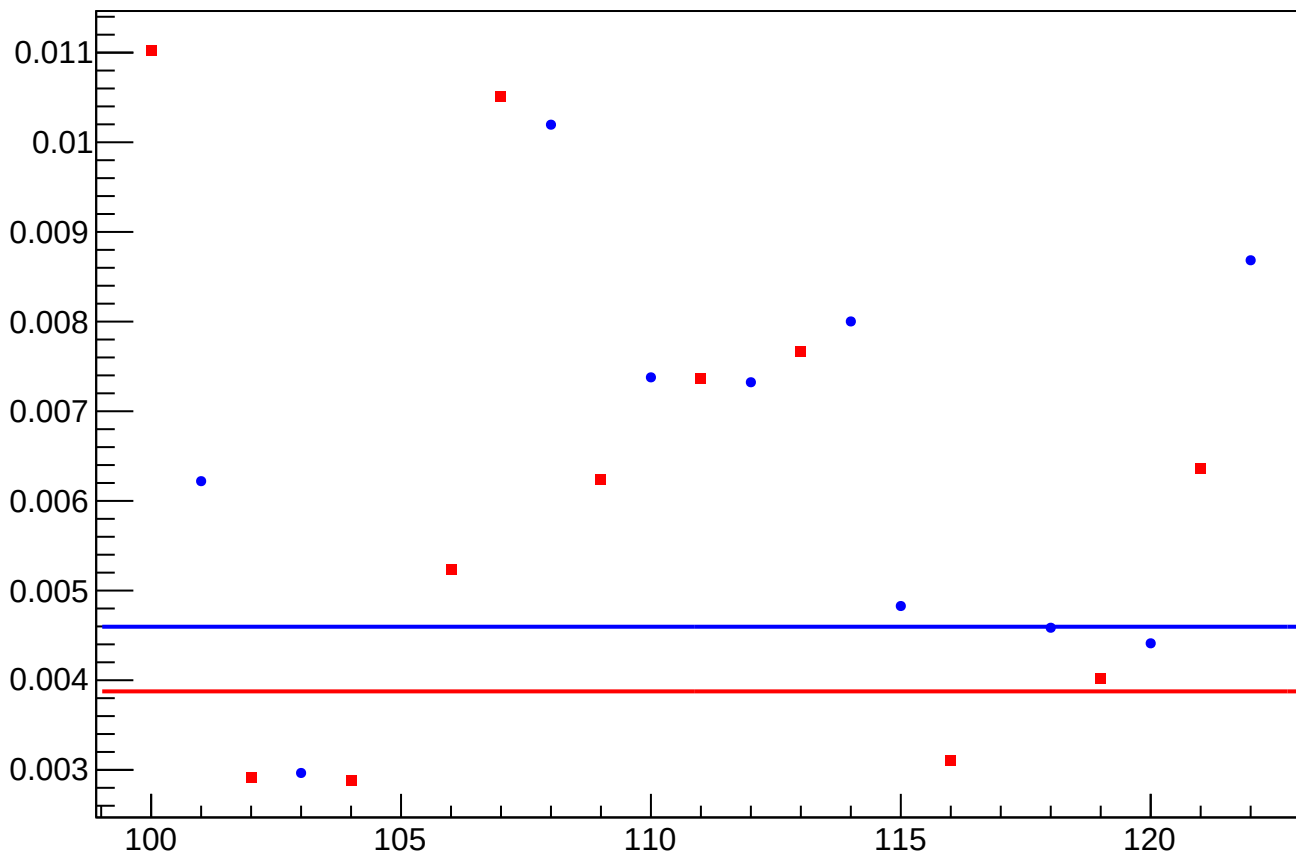
Right: 0.000+/-0.000 χ^2/NDF : 22.8/20

In: 0.000+/-0.000 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1119337.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1276020.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

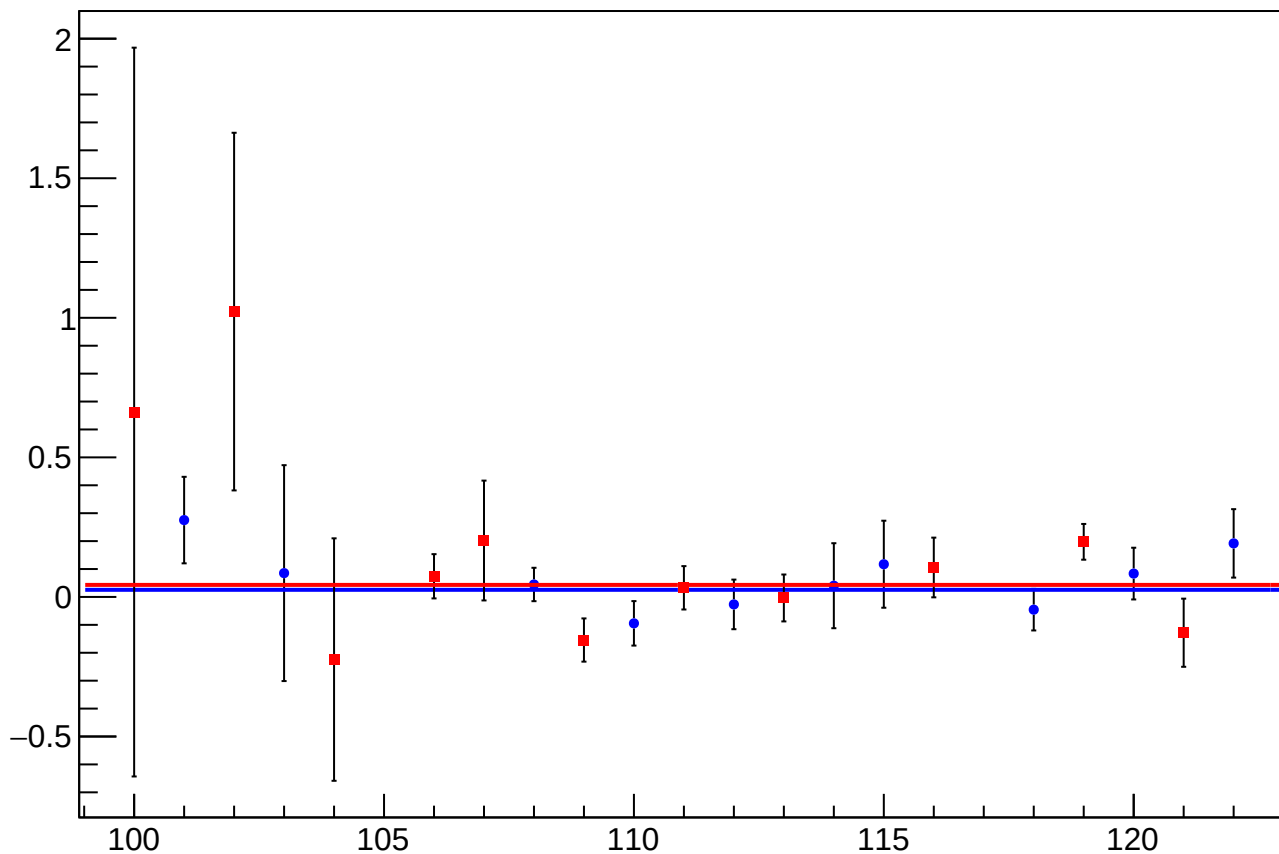
Right: 0.004+/-0.000 χ^2/NDF : 2497007.8/20

In: 0.005+/-0.000 χ^2/NDF :1119337.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2497007.8/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.031 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.031 χ^2 /NDF: 18.6/10

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

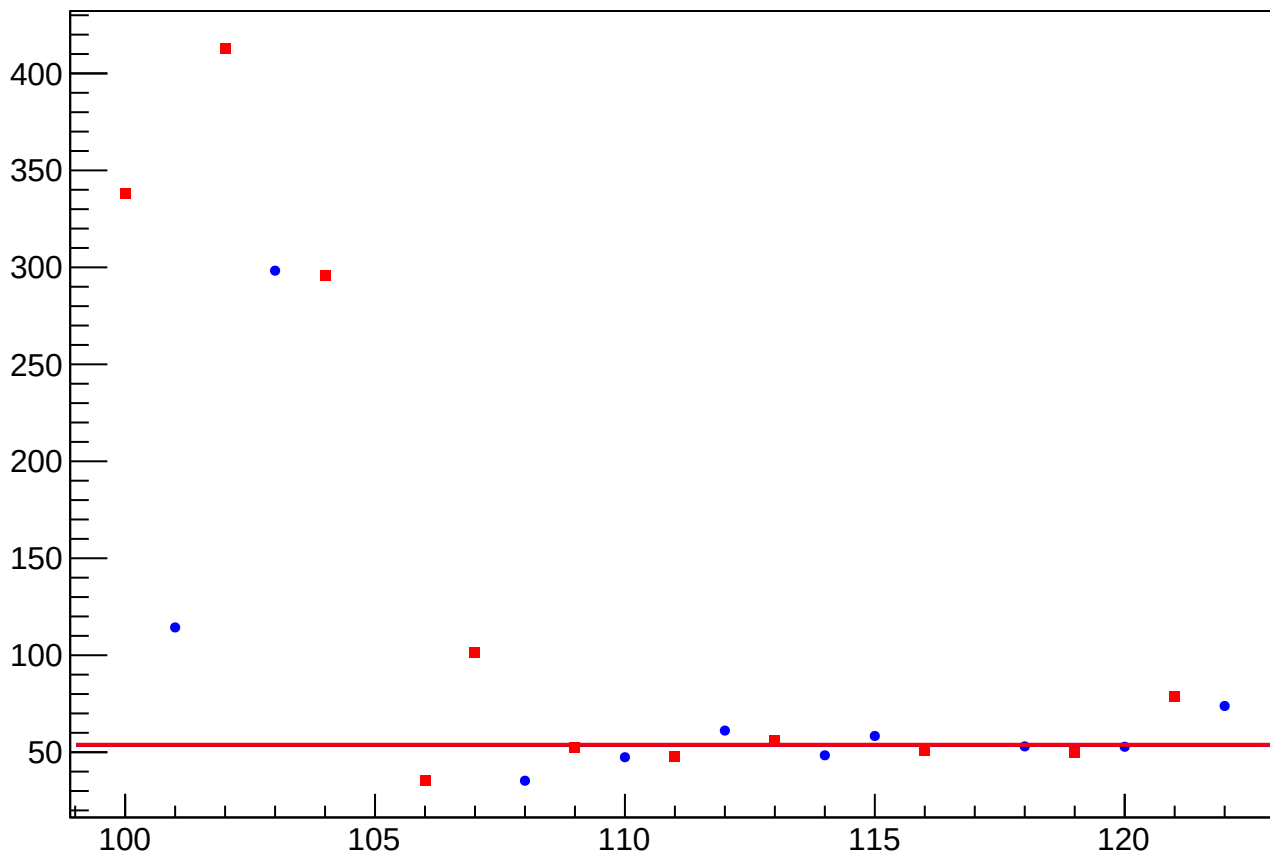
Right: 0.034 $\pm$ 0.022 χ^2 /NDF: 27.6/20

In: 0.026 $\pm$ 0.031 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.022 χ^2 /NDF: 27.6/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.742+/-0.022 χ^2/NDF : 1380506.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.825+/-0.022 χ^2/NDF : 1657716.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

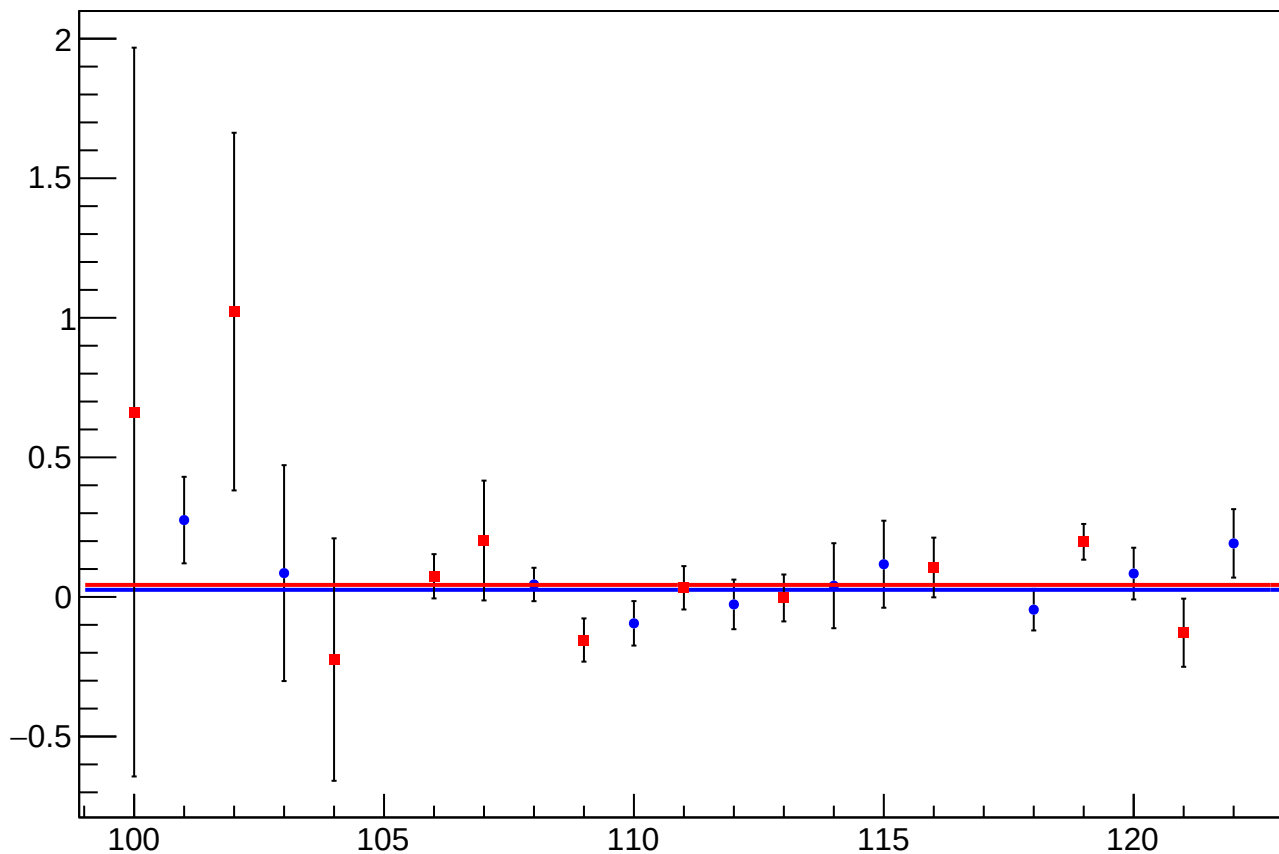
Right: 53.783+/-0.015 χ^2/NDF : 3038230.3/20

In: 53.742+/-0.022 χ^2/NDF : 1380506.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.783+/-0.015 χ^2/NDF : 3038230.3/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.031 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.031 χ^2 /NDF: 18.6/10

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

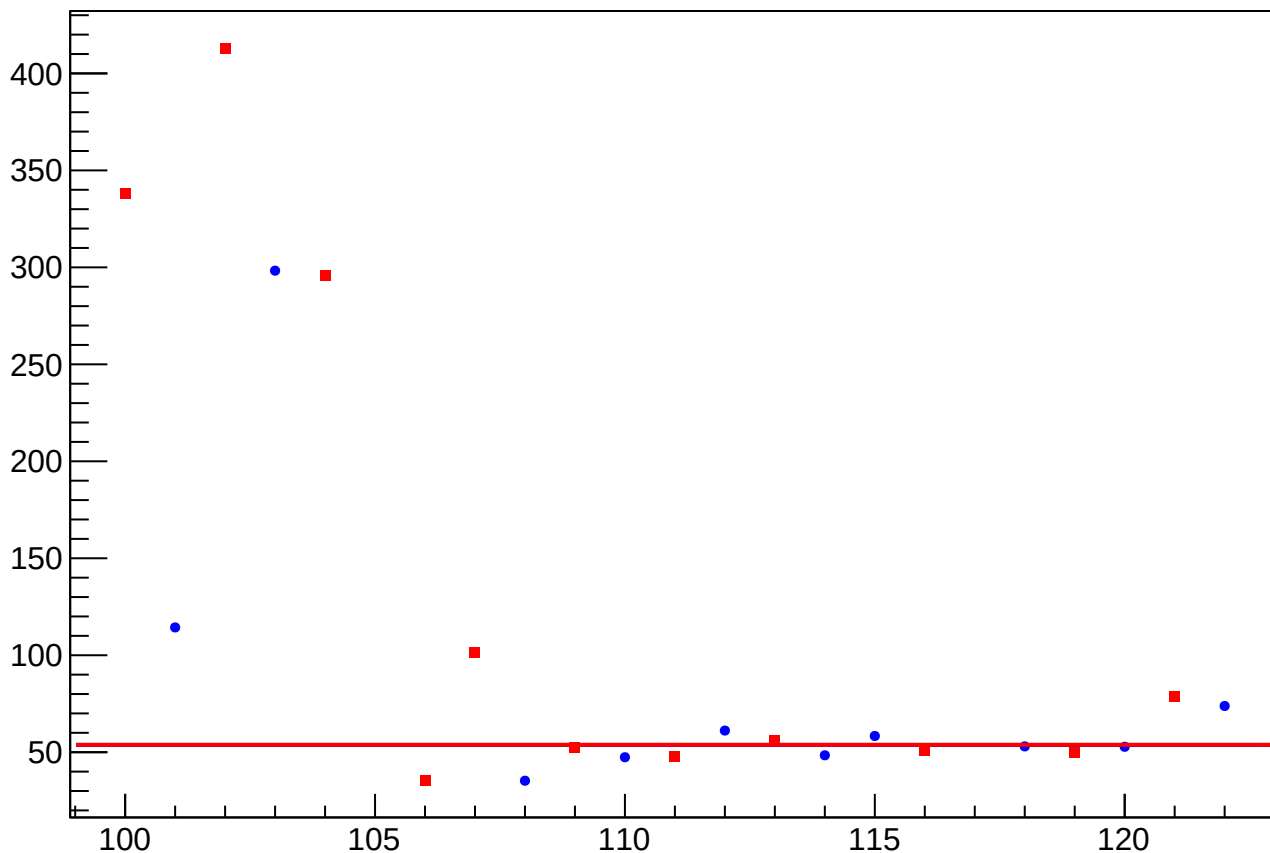
Right: 0.034 $\pm$ 0.022 χ^2 /NDF: 27.6/20

In: 0.026 $\pm$ 0.031 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.022 χ^2 /NDF: 27.6/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.742+/-0.022 χ^2/NDF : 1380506.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.825+/-0.022 χ^2/NDF : 1657716.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

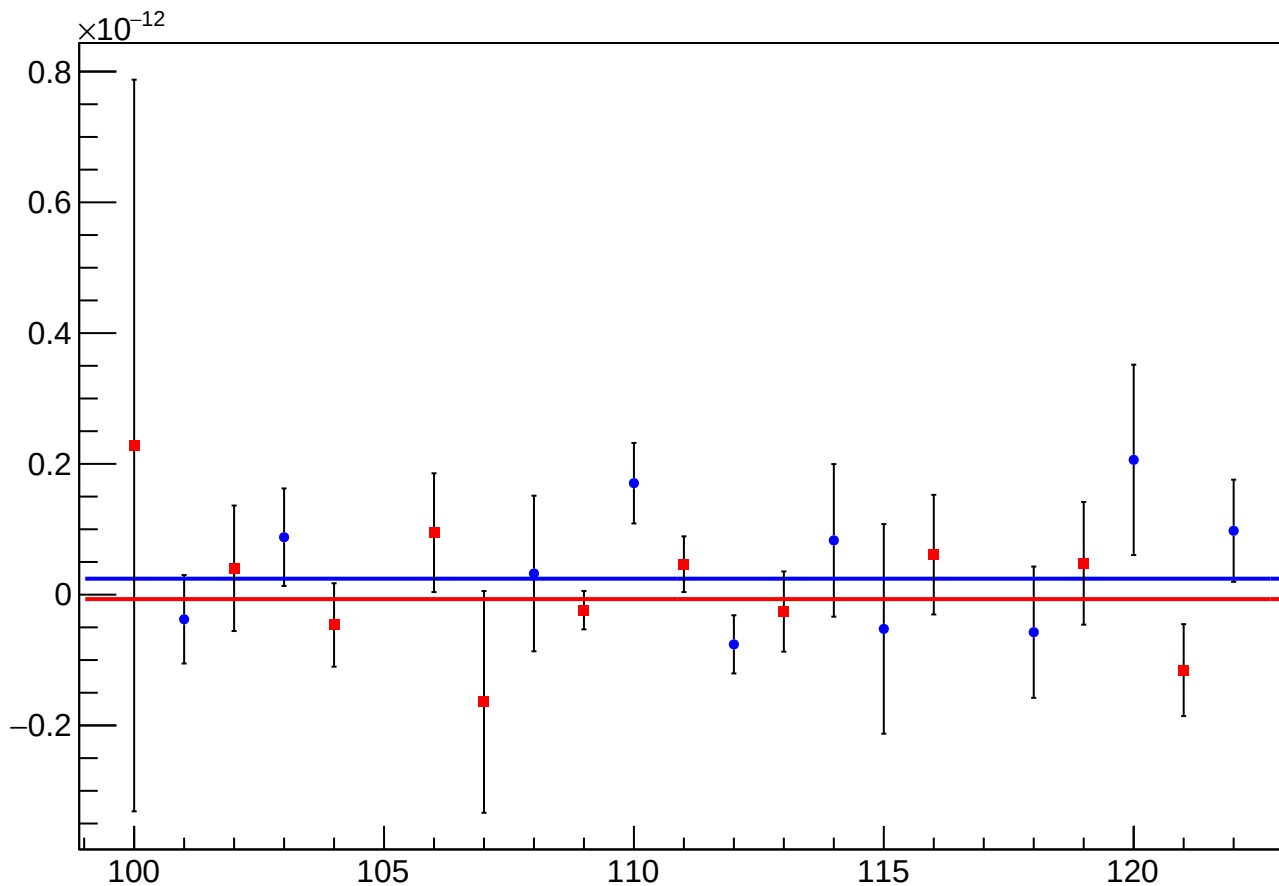
Right: 53.783+/-0.015 χ^2/NDF : 3038230.3/20

In: 53.742+/-0.022 χ^2/NDF : 1380506.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.783+/-0.015 χ^2/NDF : 3038230.3/20

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 : 15.9/9

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

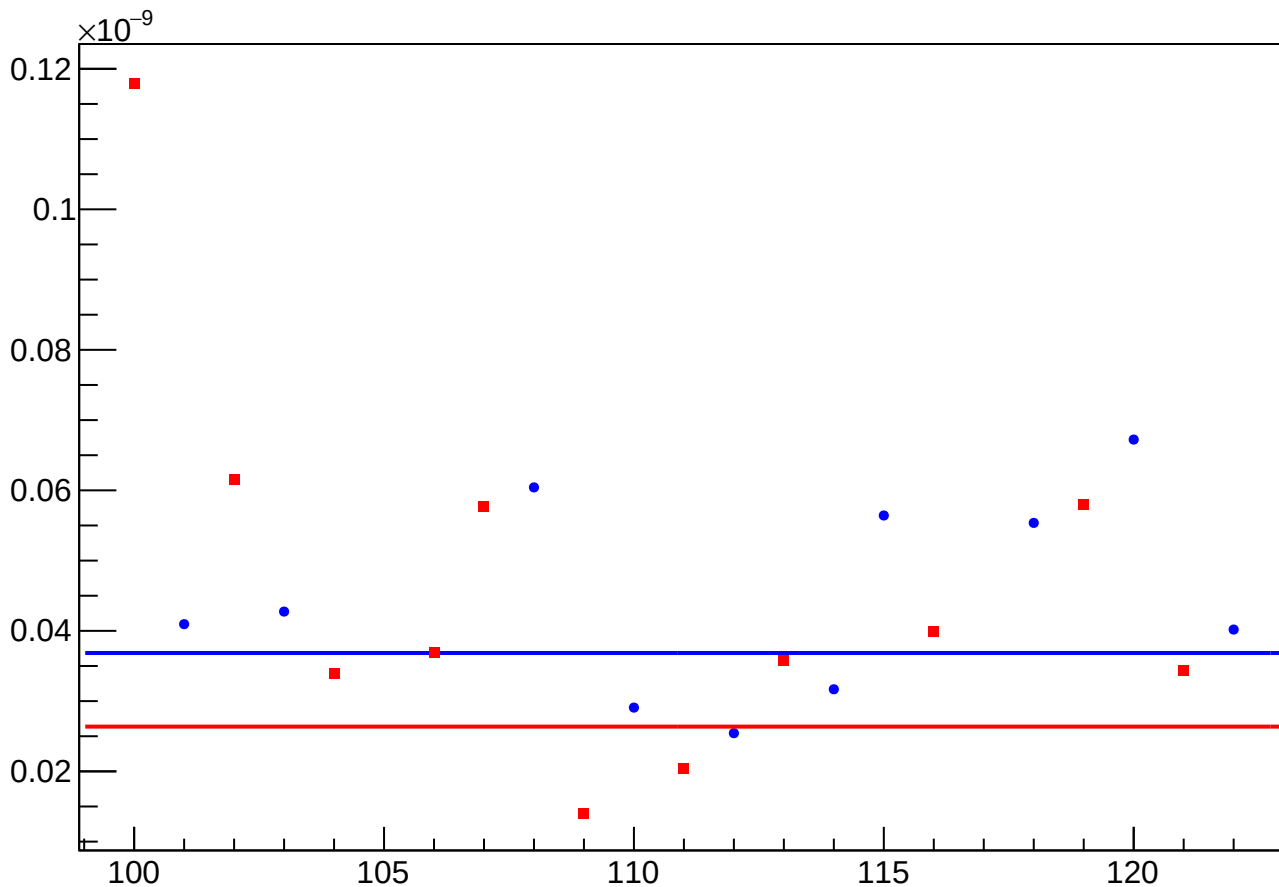
Right: 0.000+/-0.000 χ^2/NDF : 25.1/20

In: 0.000+/-0.000 χ^2/NDF : 15.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/20

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 : 454298.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1184593.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

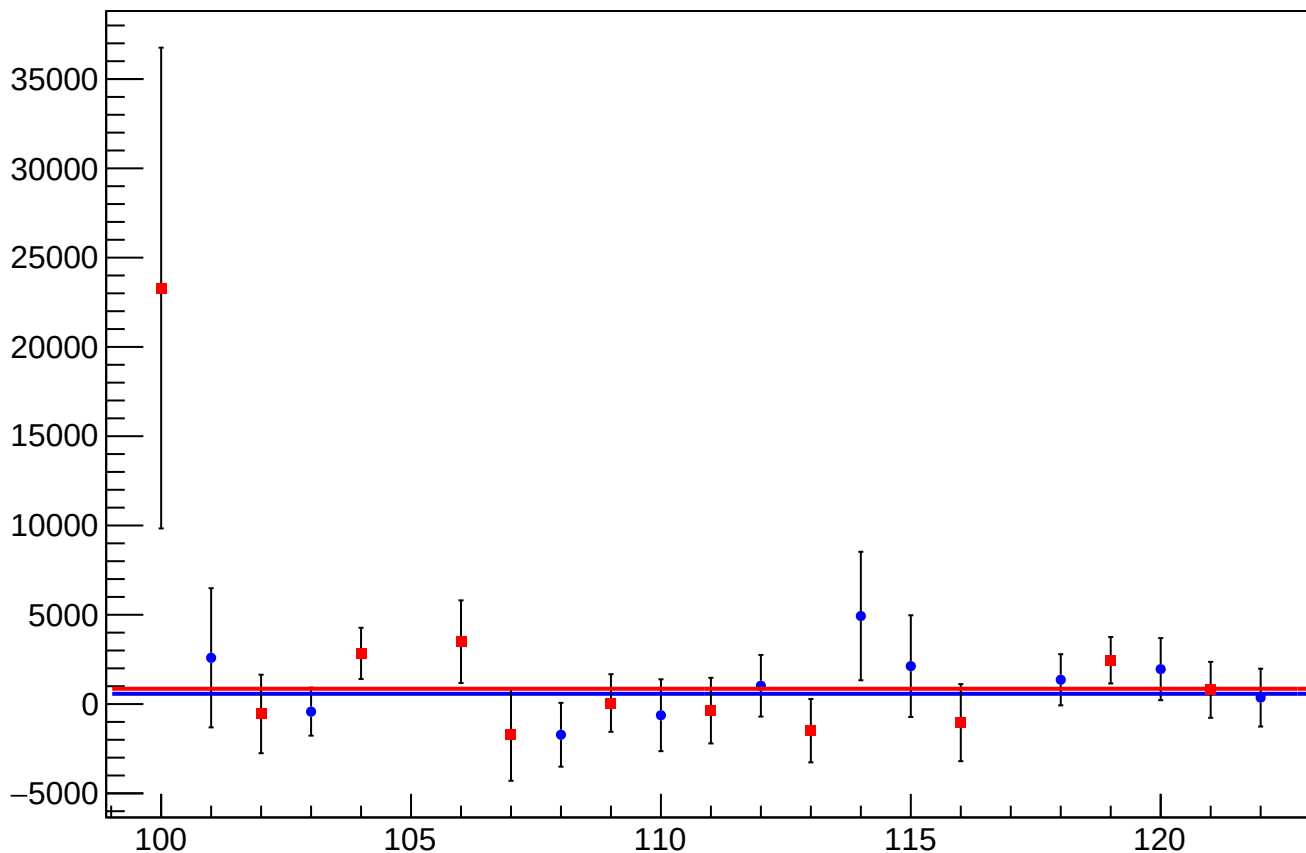
Right: 0.000+/-0.000 χ^2/NDF : 1871582.2/20

In: 0.000+/-0.000 χ^2/NDF : 454298.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1871582.2/20

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 575.380+/-585.674 χ^2/NDF : 5.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 857.886+/-554.885 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

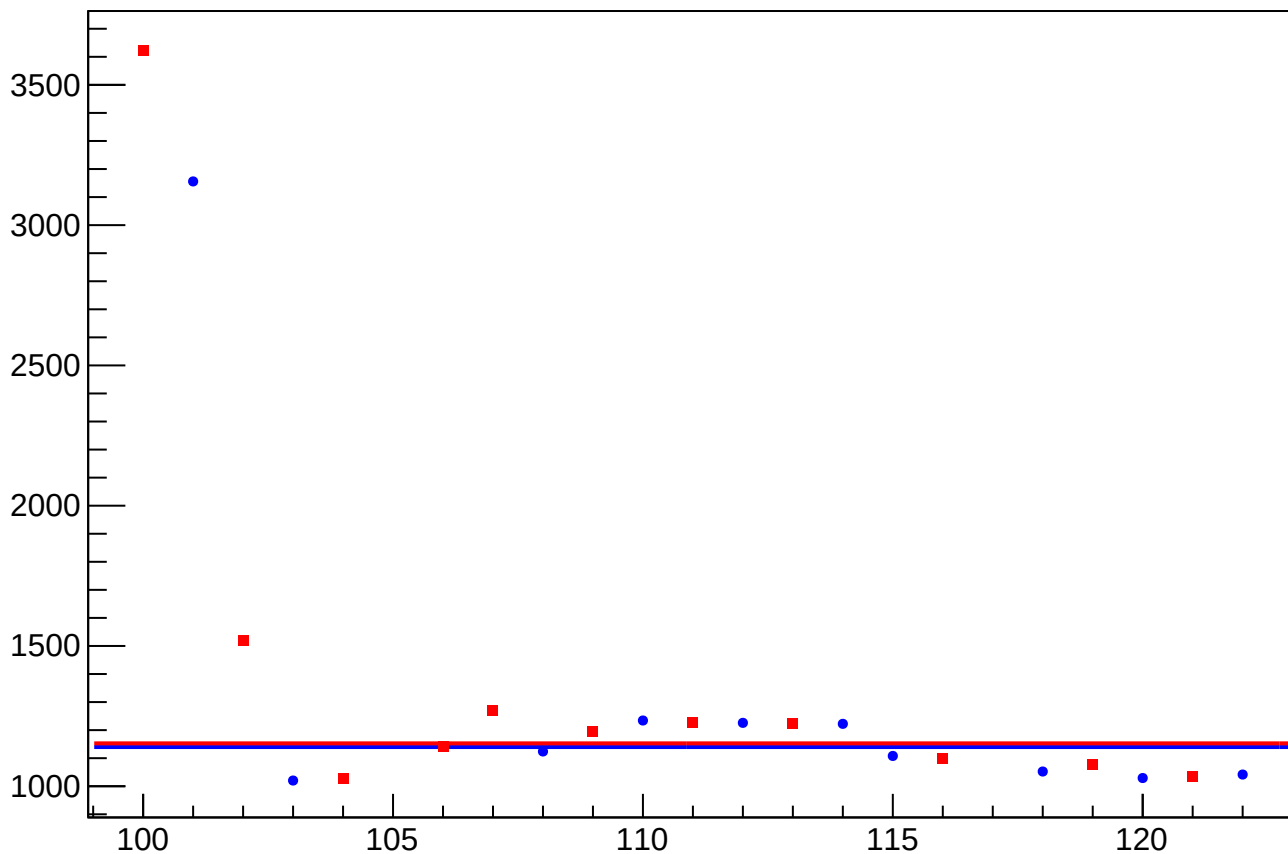
Right: 724.254+/-402.808 χ^2/NDF : 17.8/20

In: 575.380+/-585.674 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.254+/-402.808 χ^2/NDF : 17.8/20

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1139.728+/-0.414 χ^2/NDF : 584763.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1152.837+/-0.392 χ^2/NDF : 170203.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

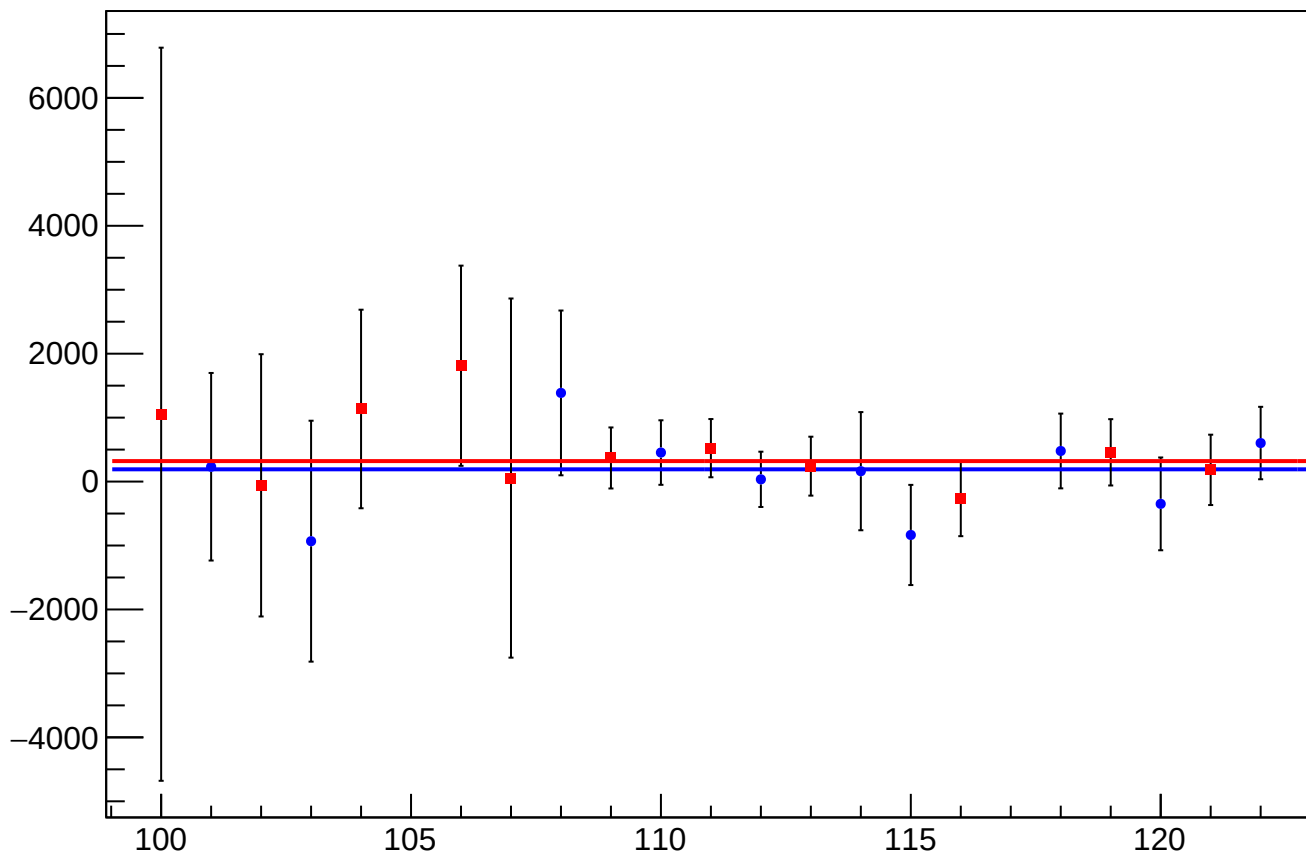
Right: 1146.636+/-0.285 χ^2/NDF : 755494.9/20

In: 1139.728+/-0.414 χ^2/NDF : 584763.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.636+/-0.285 χ^2/NDF : 755494.9/20

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 191.606 $\pm$ 216.309 χ^2 /NDF: 4.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 320.264 $\pm$ 199.646 χ^2 /NDF: 2.6/10

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

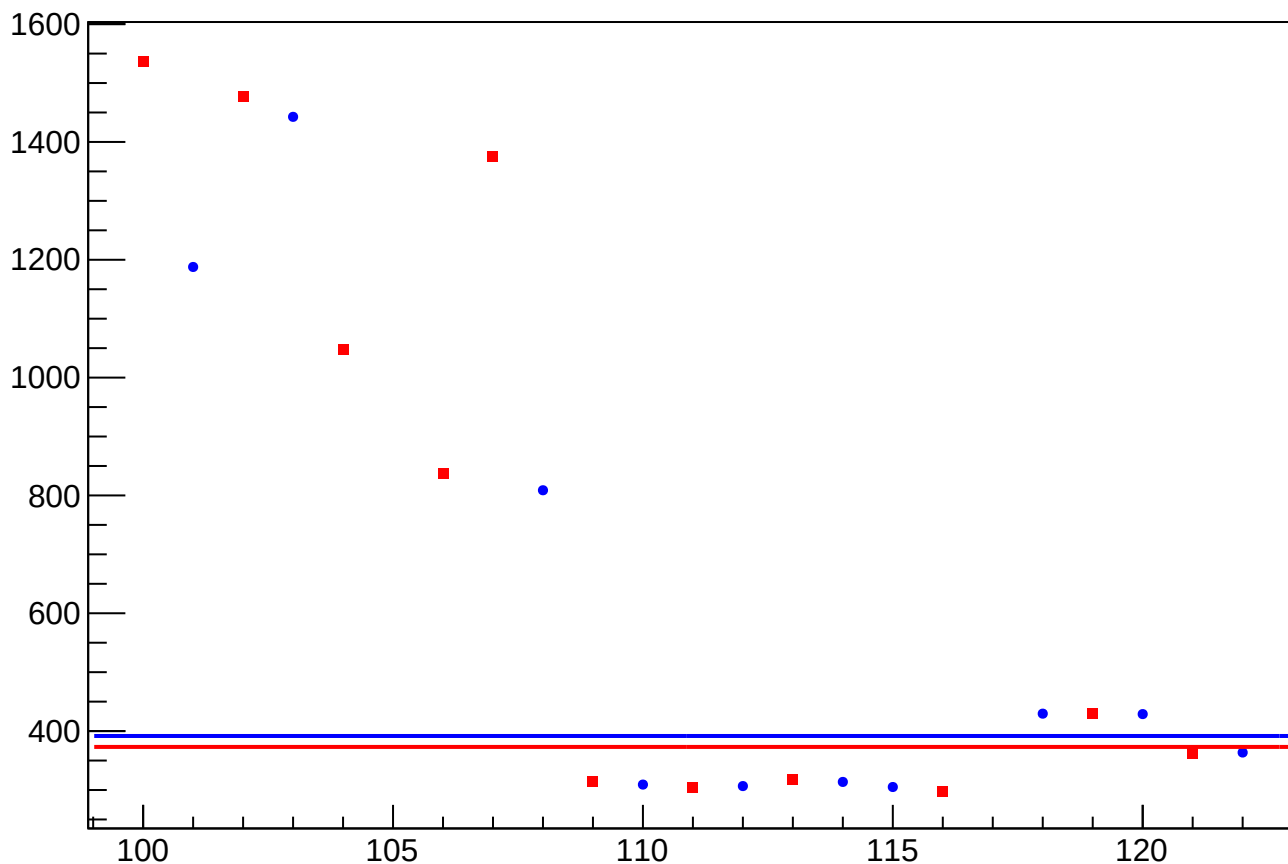
Right: 261.080 $\pm$ 146.709 χ^2 /NDF: 7.5/20

In: 191.606 $\pm$ 216.309 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.080 $\pm$ 146.709 χ^2 /NDF: 7.5/20

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 391.702+/-0.153 χ^2/NDF : 1609411.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 373.123+/-0.141 χ^2/NDF : 1634823.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

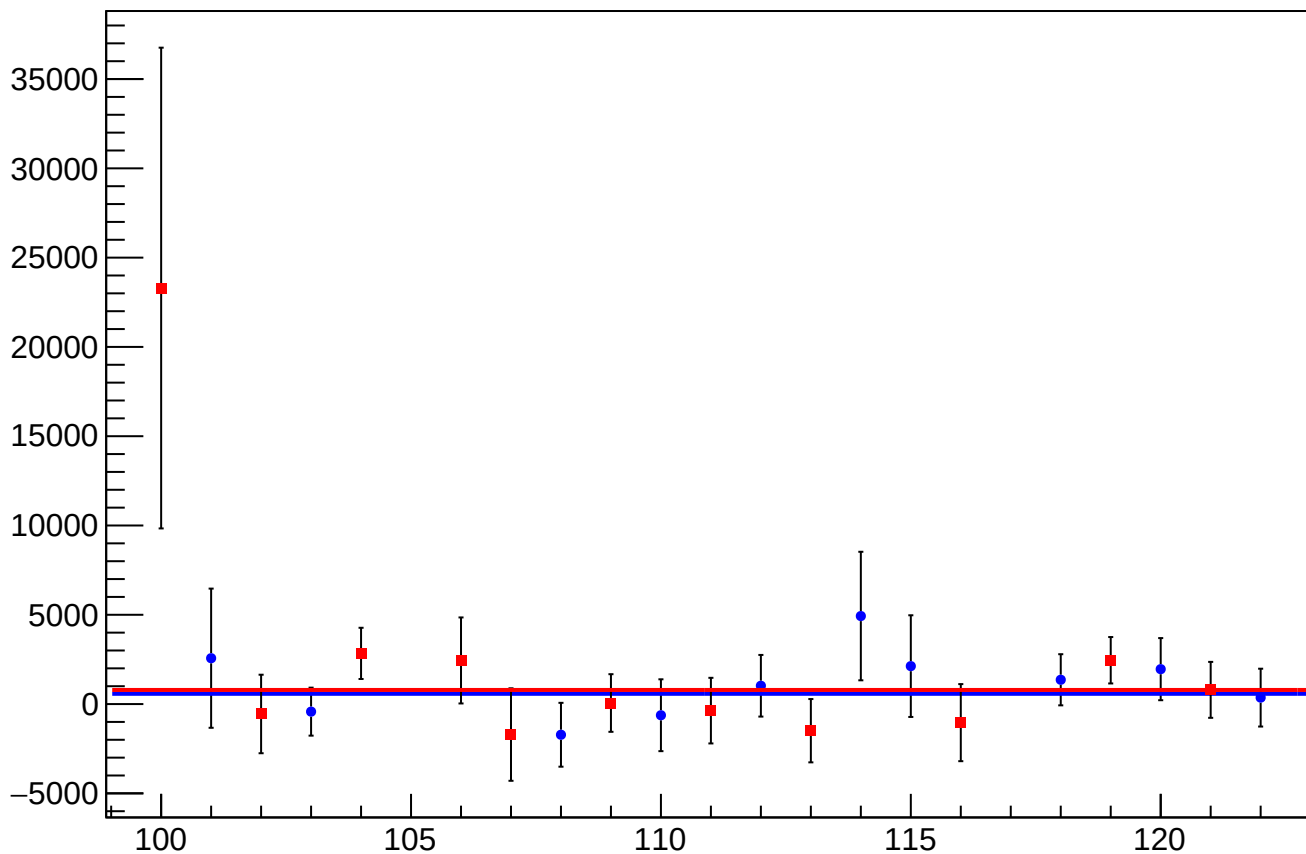
Right: 381.669+/-0.104 χ^2/NDF : 3252202.6/20

In: 391.702+/-0.153 χ^2/NDF :1609411.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.669+/-0.104 χ^2/NDF : 3252202.6/20

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 574.767+/-585.674 χ^2/NDF : 5.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 790.127+/-556.119 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

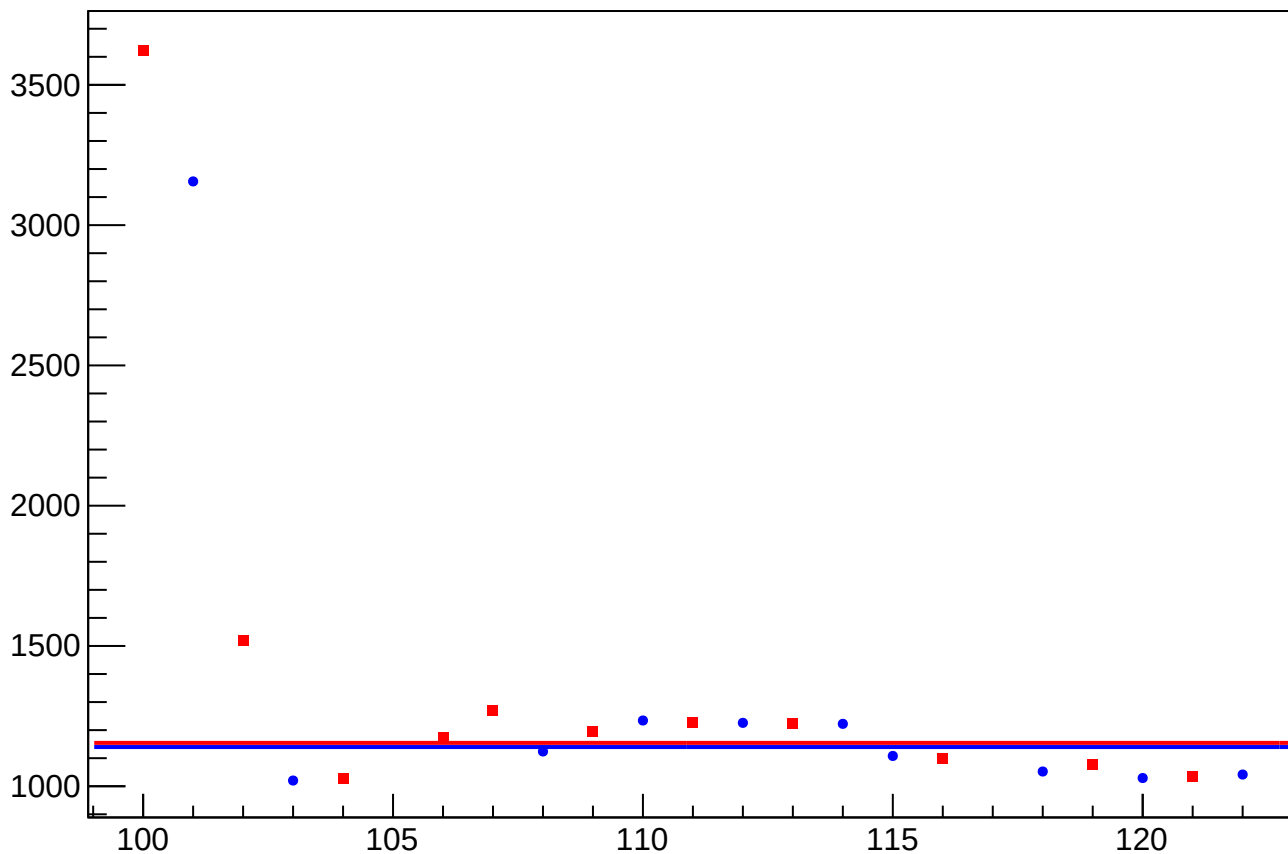
Right: 688.018+/-403.279 χ^2/NDF : 16.9/20

In: 574.767+/-585.674 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.018+/-403.279 χ^2/NDF : 16.9/20

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1139.728+/-0.414 χ^2/NDF : 584765.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1154.564+/-0.393 χ^2/NDF : 170254.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

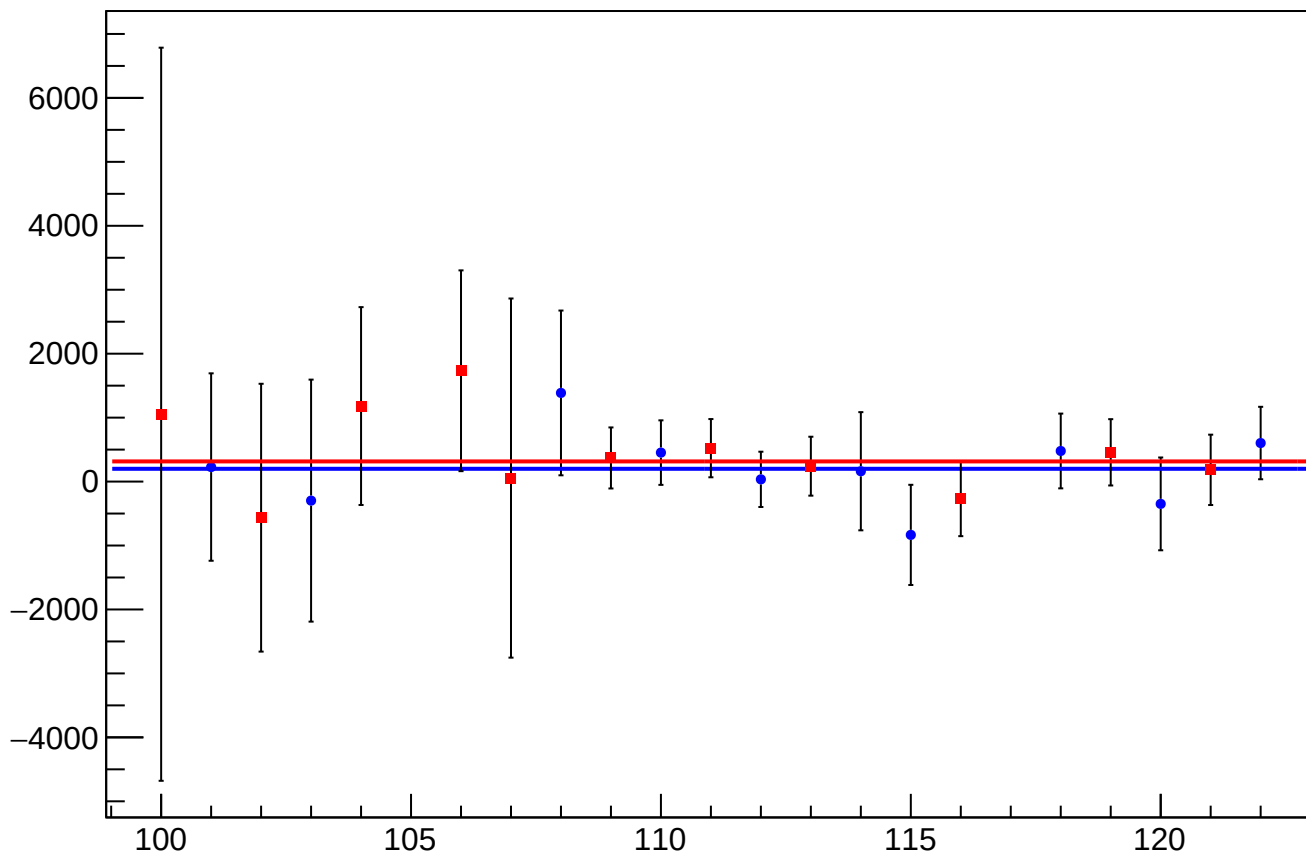
Right: 1147.529+/-0.285 χ^2/NDF : 755693.9/20

In: 1139.728+/-0.414 χ^2/NDF :584765.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1147.529+/-0.285 χ^2/NDF : 755693.9/20

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.818 $\pm$ 216.318 χ^2 /NDF: 4.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 315.303 $\pm$ 199.687 χ^2 /NDF: 2.7/10

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

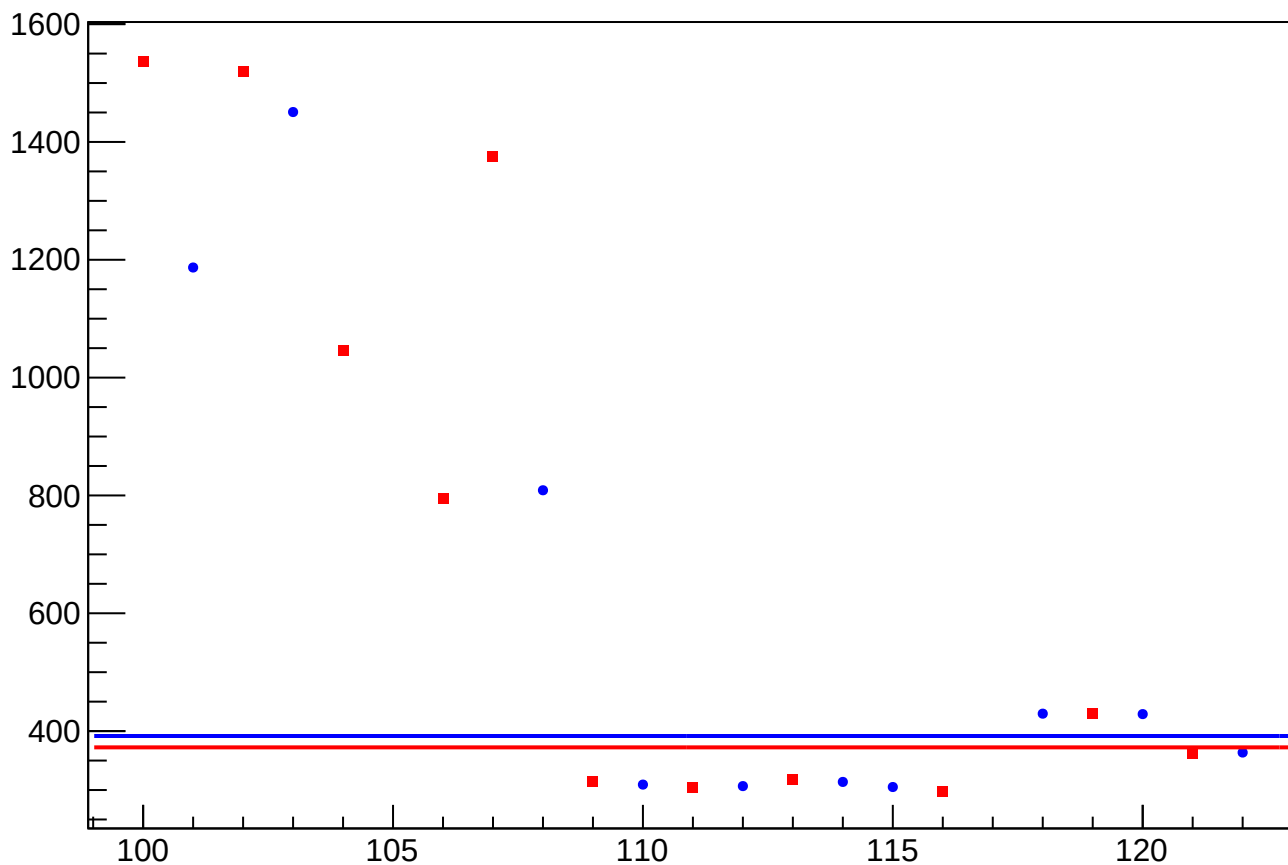
Right: 262.170 $\pm$ 146.727 χ^2 /NDF: 7.2/20

In: 199.818 $\pm$ 216.318 χ^2 /NDF:4.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 262.170 $\pm$ 146.727 χ^2 /NDF: 7.2/20

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 391.691+/-0.153 χ^2/NDF : 1613071.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 372.401+/-0.141 χ^2/NDF : 1622687.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

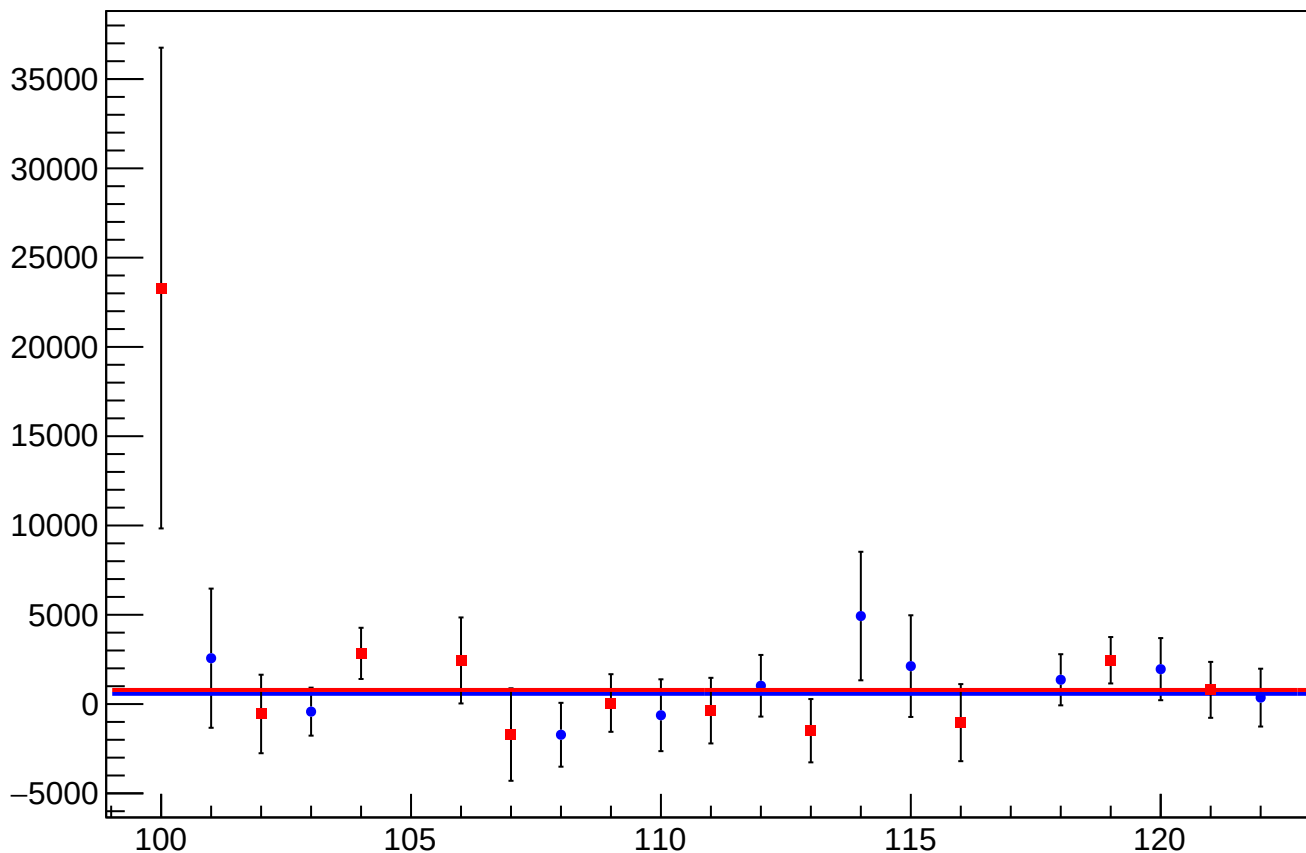
Right: 381.276+/-0.104 χ^2/NDF : 3244345.6/20

In: 391.691+/-0.153 χ^2/NDF :1613071.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.276+/-0.104 χ^2/NDF : 3244345.6/20

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 574.767+/-585.674 χ^2/NDF : 5.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 790.127+/-556.119 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

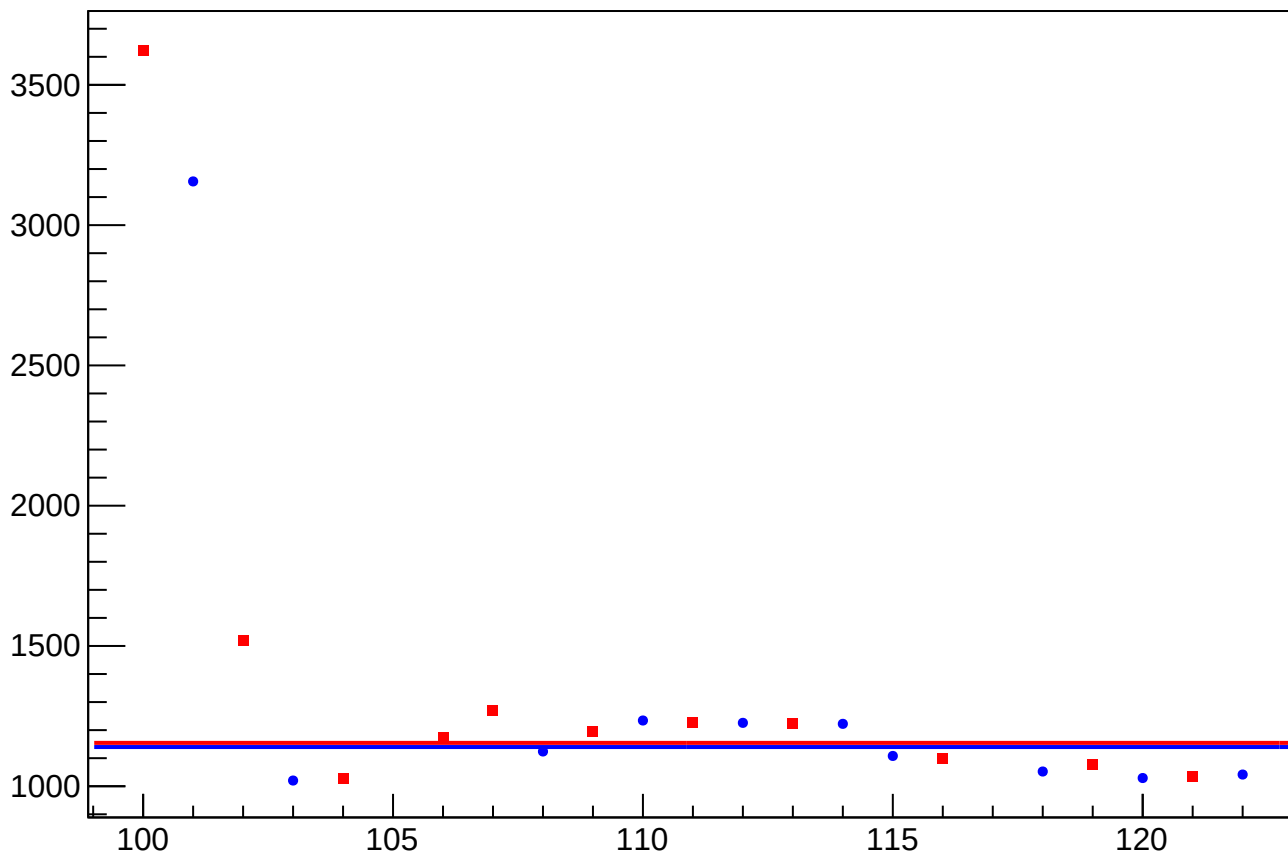
Right: 688.018+/-403.279 χ^2/NDF : 16.9/20

In: 574.767+/-585.674 χ^2/NDF :5.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 688.018+/-403.279 χ^2/NDF : 16.9/20

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1139.728+/-0.414 χ^2/NDF : 584765.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.564+/-0.393 χ^2/NDF : 170254.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

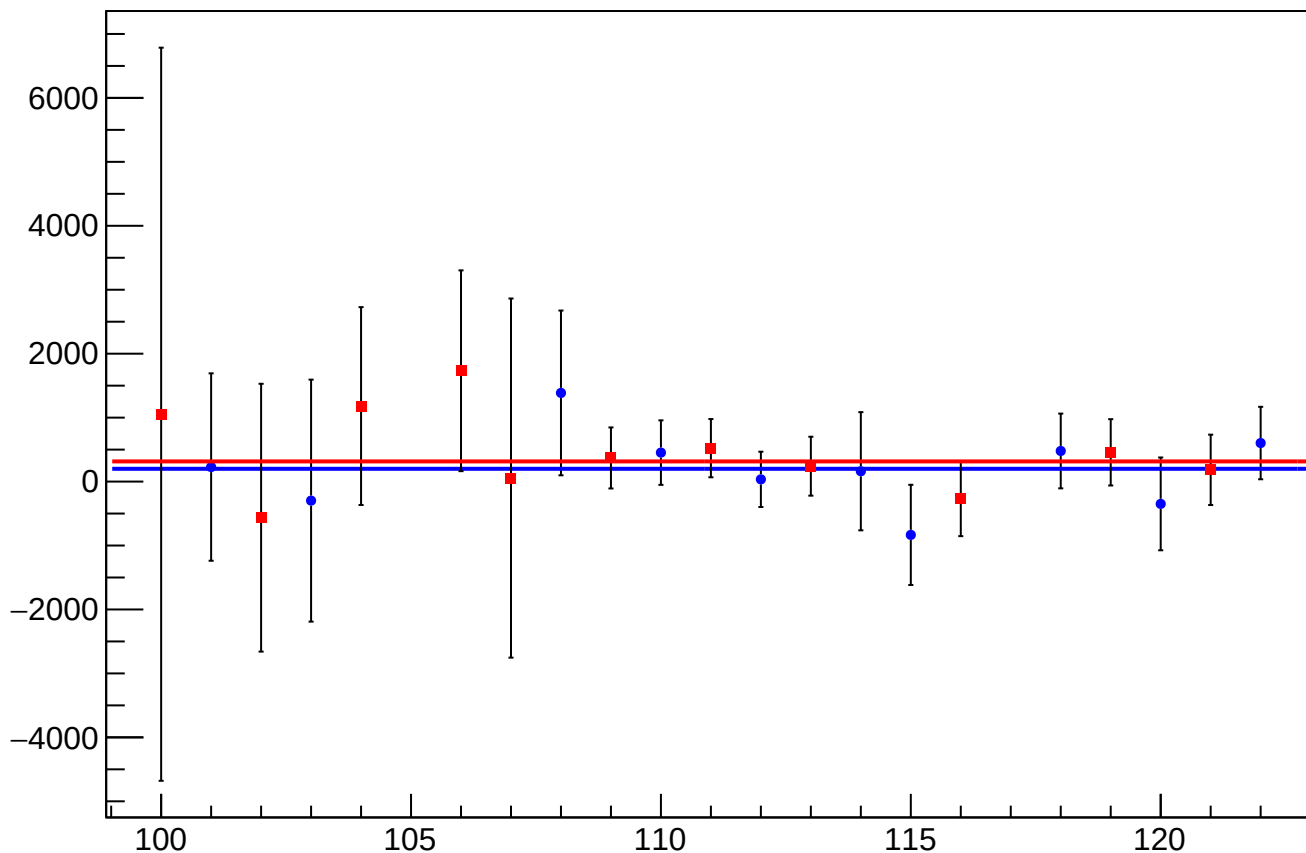
Right: 1147.529+/-0.285 χ^2/NDF : 755693.9/20

In: 1139.728+/-0.414 χ^2/NDF : 584765.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.529+/-0.285 χ^2/NDF : 755693.9/20

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.818 $\pm$ 216.318 χ^2 /NDF: 4.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 315.303 $\pm$ 199.687 χ^2 /NDF: 2.7/10

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

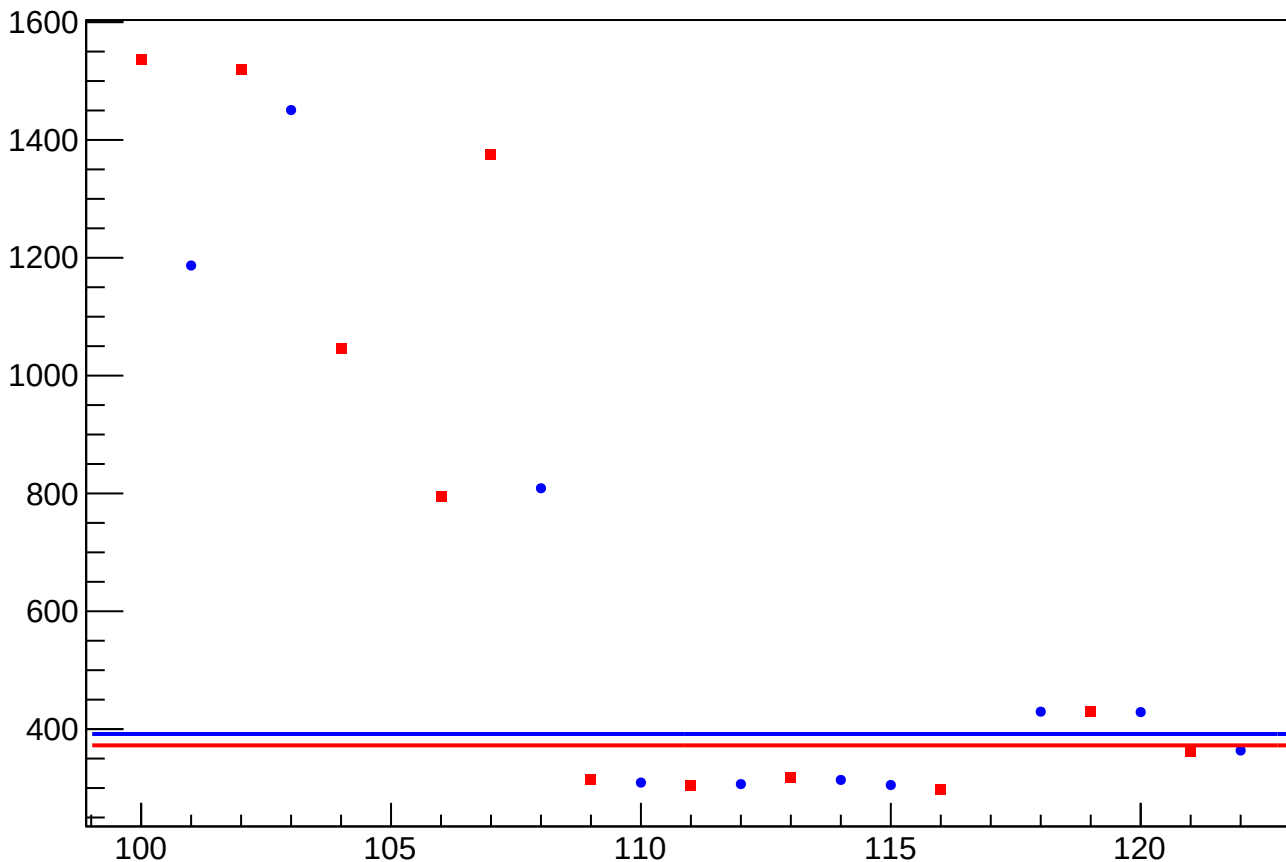
Right: 262.170 $\pm$ 146.727 χ^2 /NDF: 7.2/20

In: 199.818 $\pm$ 216.318 χ^2 /NDF:4.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 262.170 $\pm$ 146.727 χ^2 /NDF: 7.2/20

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 391.691+/-0.153 χ^2/NDF : 1613071.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.401+/-0.141 χ^2/NDF : 1622687.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

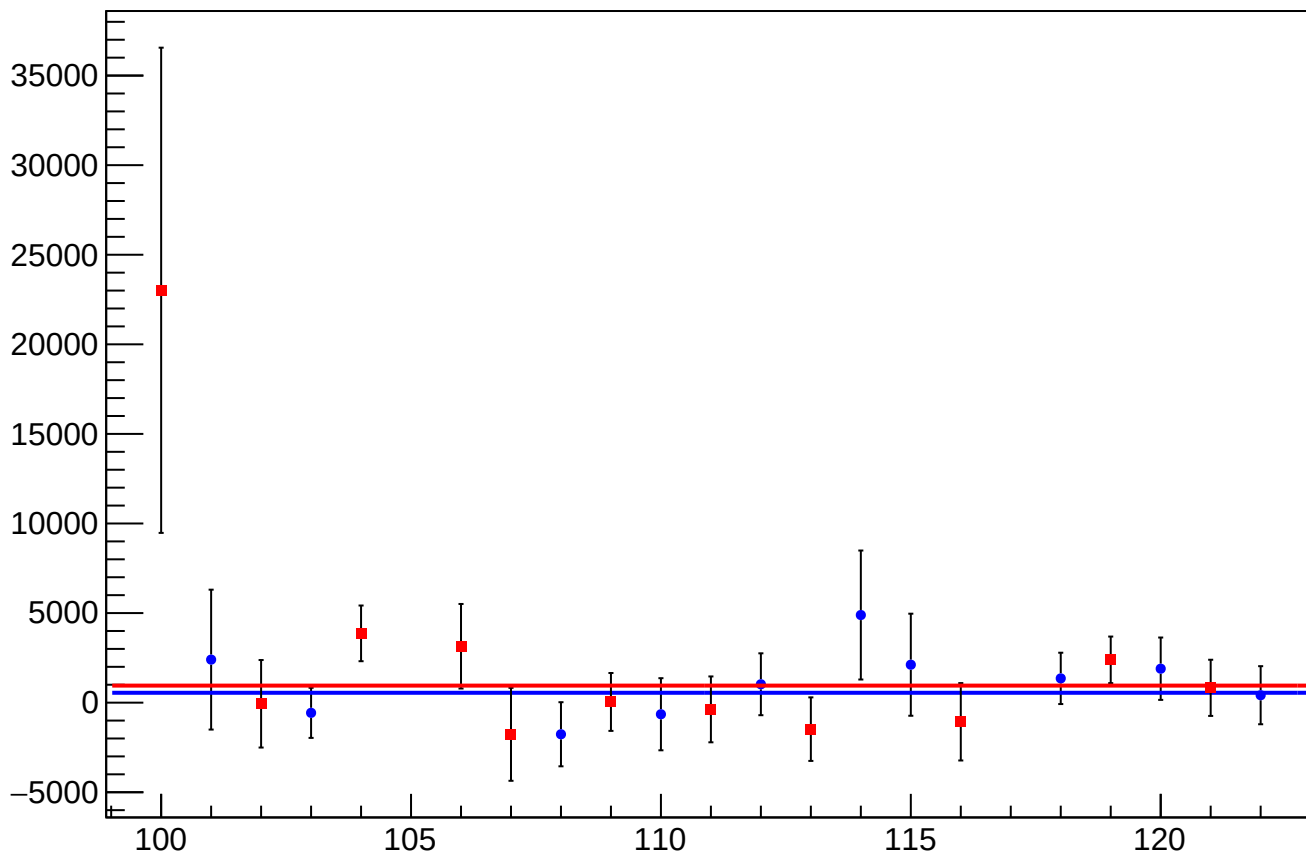
Right: 381.276+/-0.104 χ^2/NDF : 3244345.6/20

In: 391.691+/-0.153 χ^2/NDF : 1613071.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.276+/-0.104 χ^2/NDF : 3244345.6/20

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 551.318+/-590.218 χ^2/NDF : 5.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.748+/-565.600 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

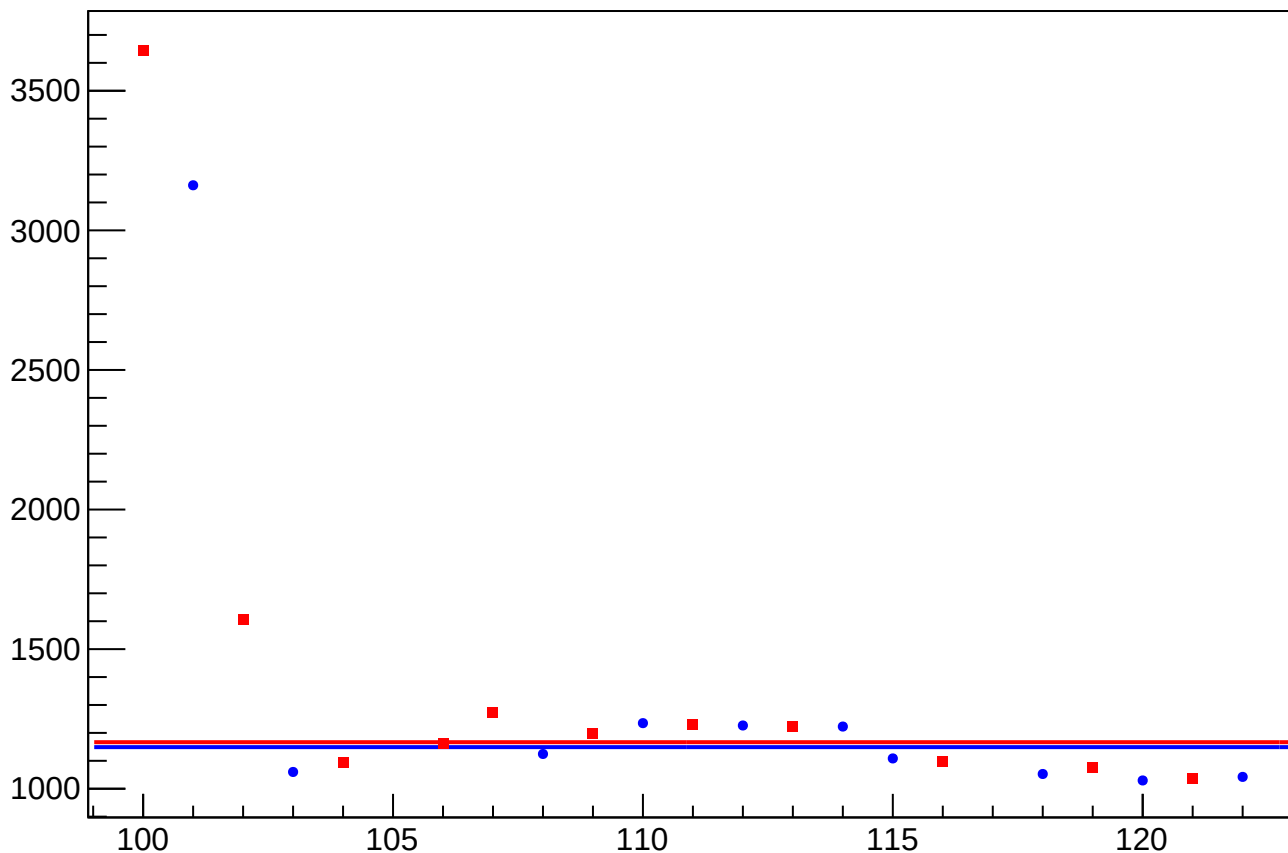
Right: 760.058+/-408.365 χ^2/NDF : 19.0/20

In: 551.318+/-590.218 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.058+/-408.365 χ^2/NDF : 19.0/20

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1148.976+/-0.417 χ^2/NDF : 575916.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1166.670+/-0.400 χ^2/NDF : 170024.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

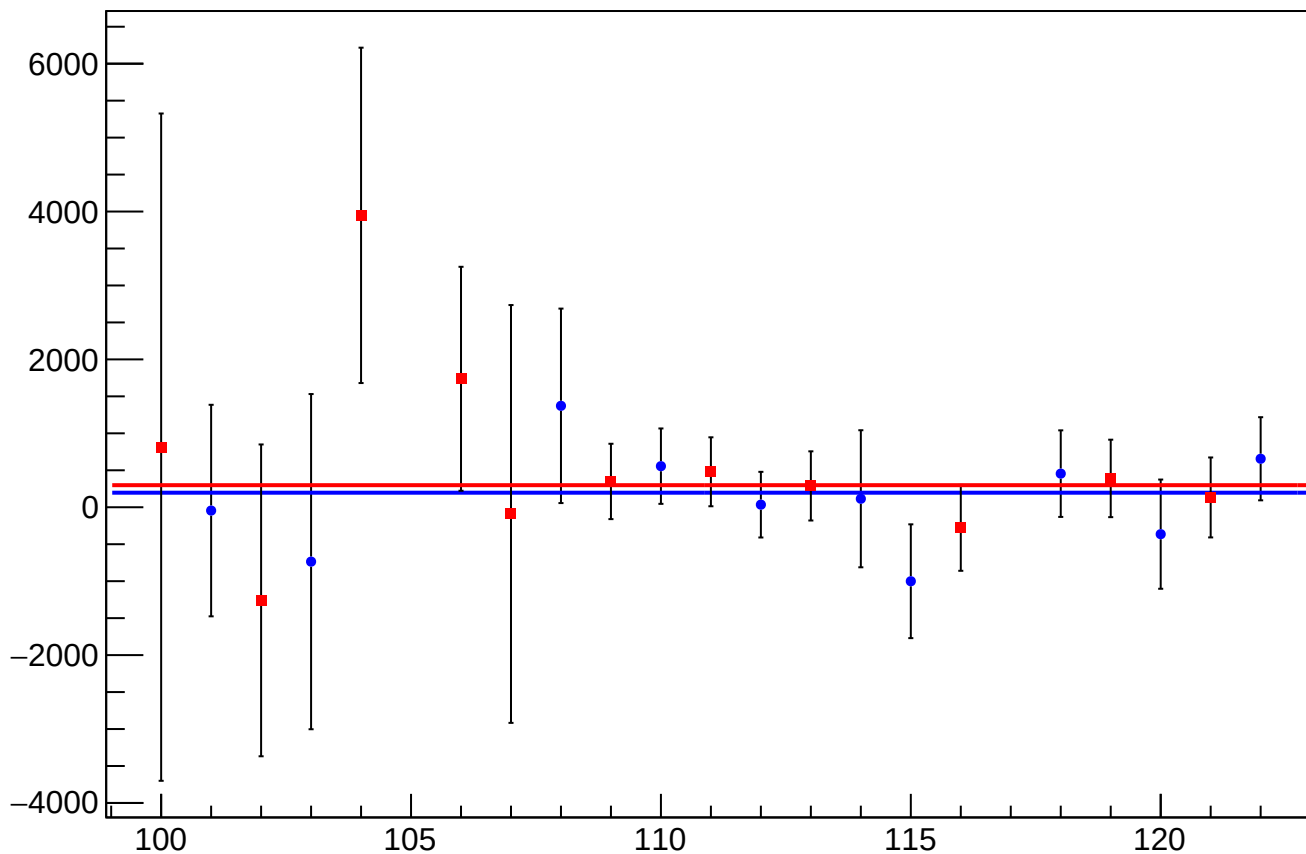
Right: 1158.200+/-0.289 χ^2/NDF : 746877.7/20

In: 1148.976+/-0.417 χ^2/NDF : 575916.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.200+/-0.289 χ^2/NDF : 746877.7/20

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 196.791+/-218.504 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.552+/-203.820 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

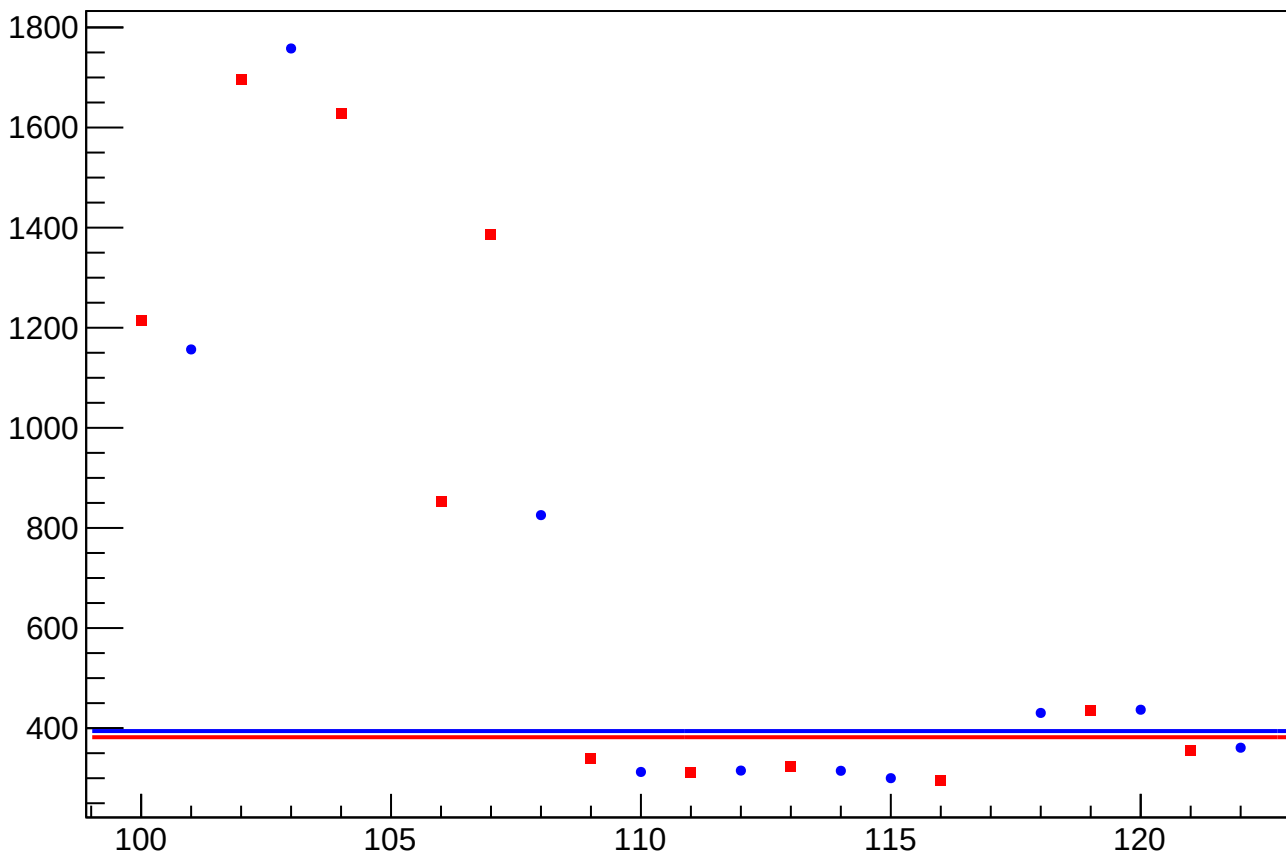
Right: 251.206+/-149.043 χ^2/NDF : 10.9/20

In: 196.791+/-218.504 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.206+/-149.043 χ^2/NDF : 10.9/20

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 394.196+/-0.155 χ^2/NDF : 1687407.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.908+/-0.144 χ^2/NDF : 2054190.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

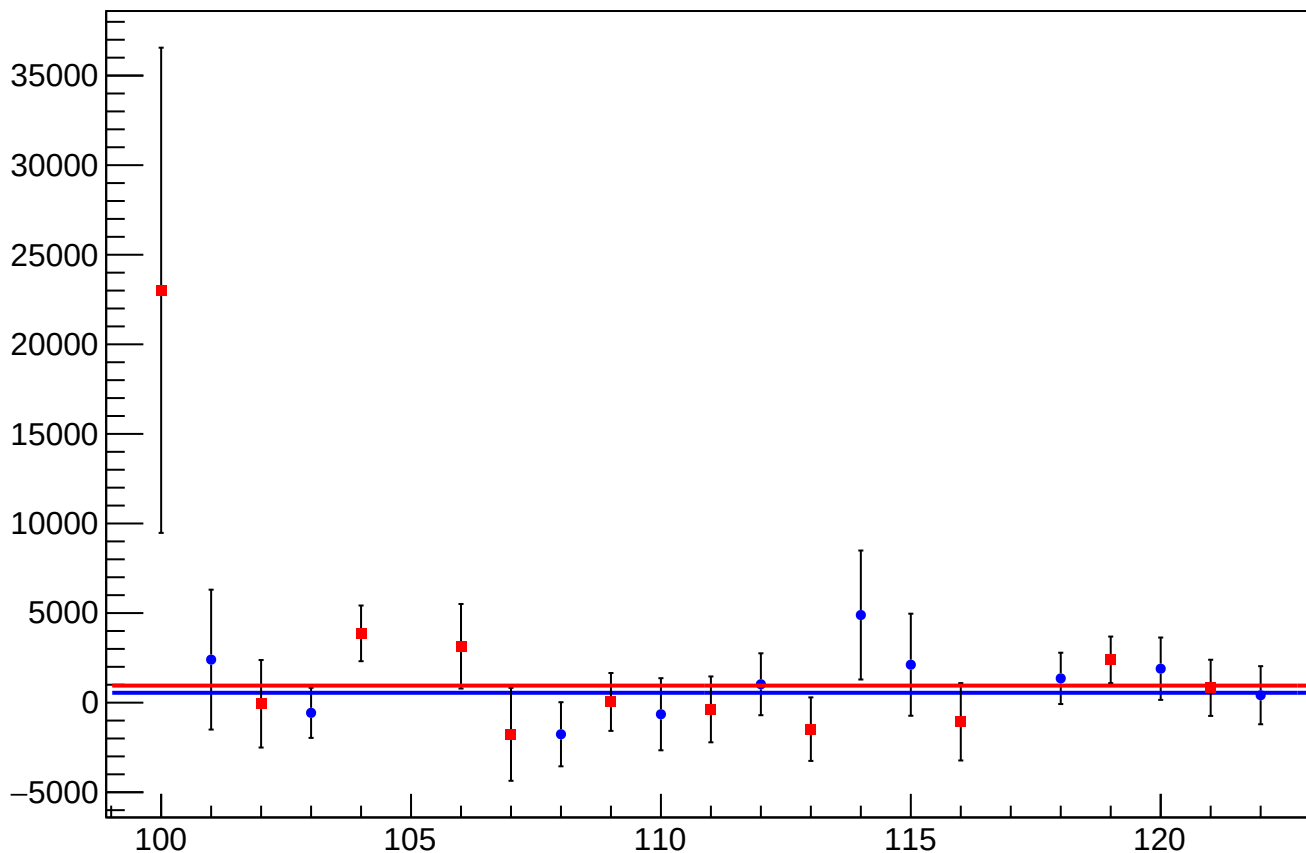
Right: 387.625+/-0.105 χ^2/NDF : 3744980.3/20

In: 394.196+/-0.155 χ^2/NDF : 1687407.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.625+/-0.105 χ^2/NDF : 3744980.3/20

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 551.317+/-590.218 χ^2/NDF : 5.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.745+/-565.600 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

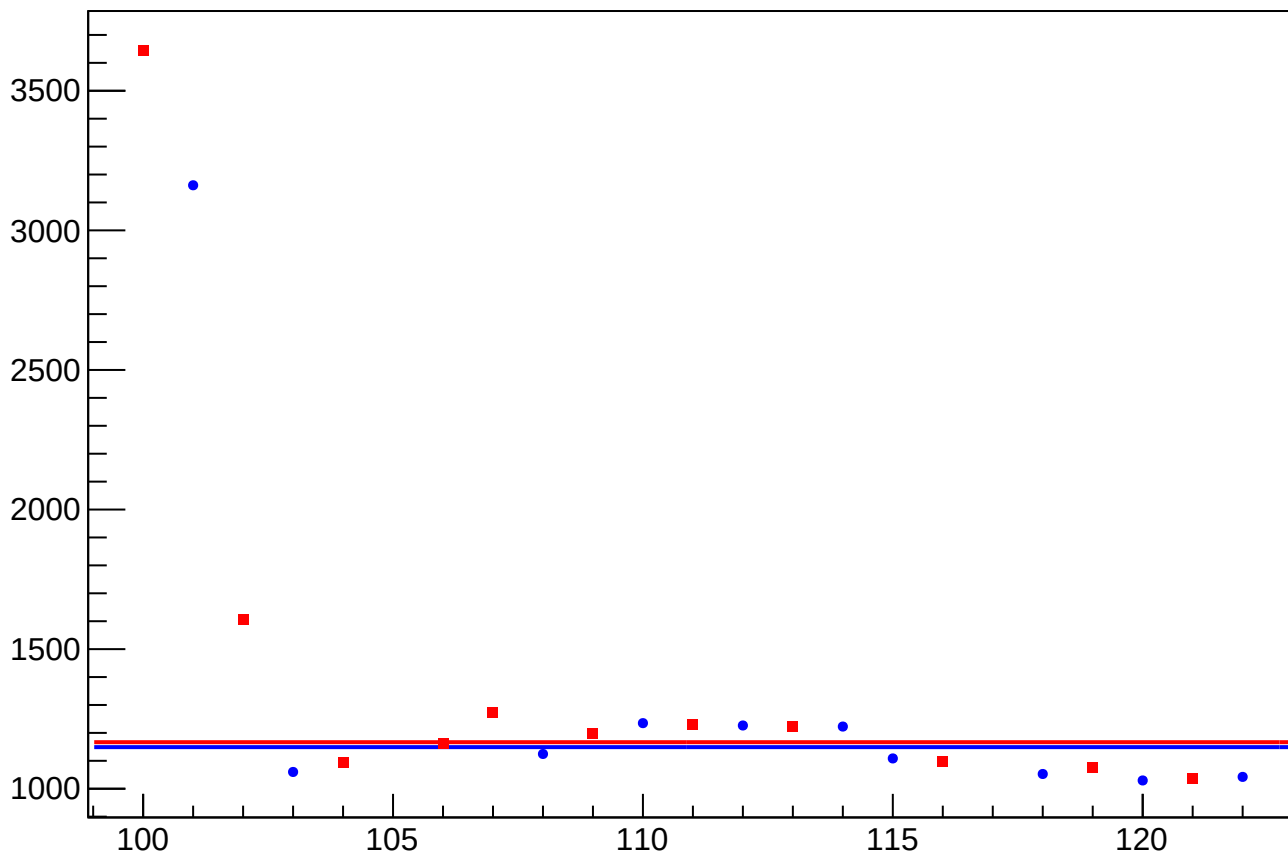
Right: 760.056+/-408.365 χ^2/NDF : 19.0/20

In: 551.317+/-590.218 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.056+/-408.365 χ^2/NDF : 19.0/20

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1148.976+/-0.417 χ^2/NDF : 575916.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1166.670+/-0.400 χ^2/NDF : 170024.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

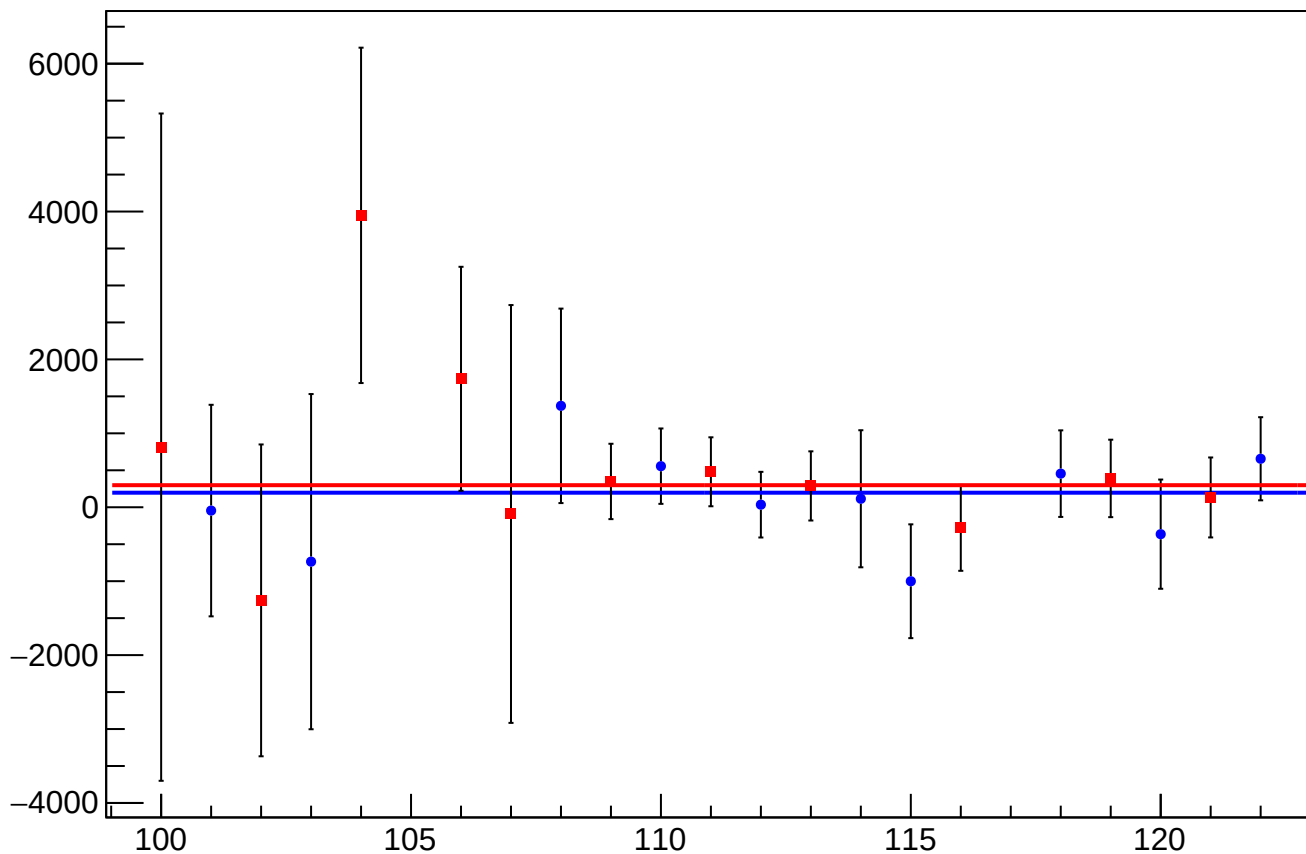
Right: 1158.200+/-0.289 χ^2/NDF : 746877.7/20

In: 1148.976+/-0.417 χ^2/NDF : 575916.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.200+/-0.289 χ^2/NDF : 746877.7/20

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 196.785+/-218.503 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.549+/-203.819 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

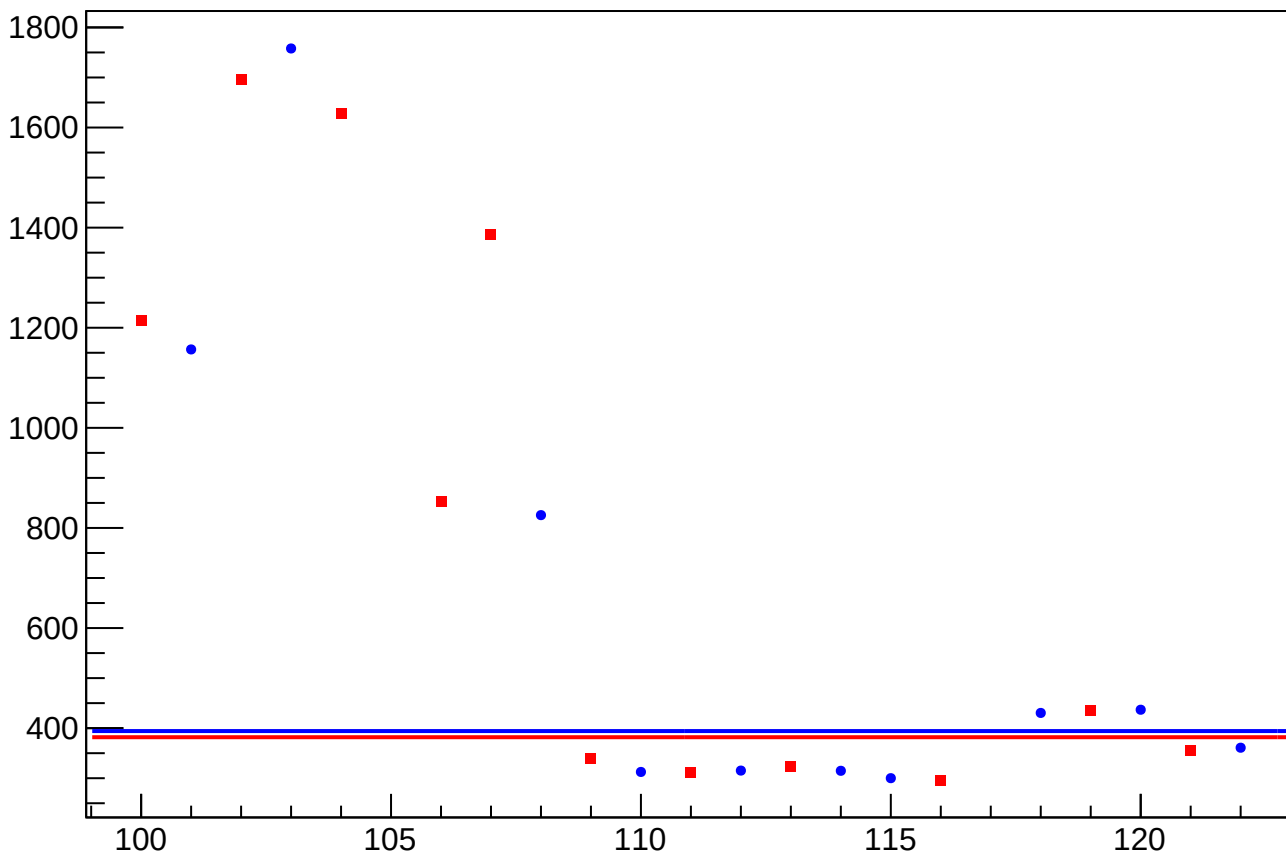
Right: 251.201+/-149.043 χ^2/NDF : 10.9/20

In: 196.785+/-218.503 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.201+/-149.043 χ^2/NDF : 10.9/20

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 394.195+/-0.155 χ^2/NDF : 1687408.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 381.906+/-0.144 χ^2/NDF : 2054201.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

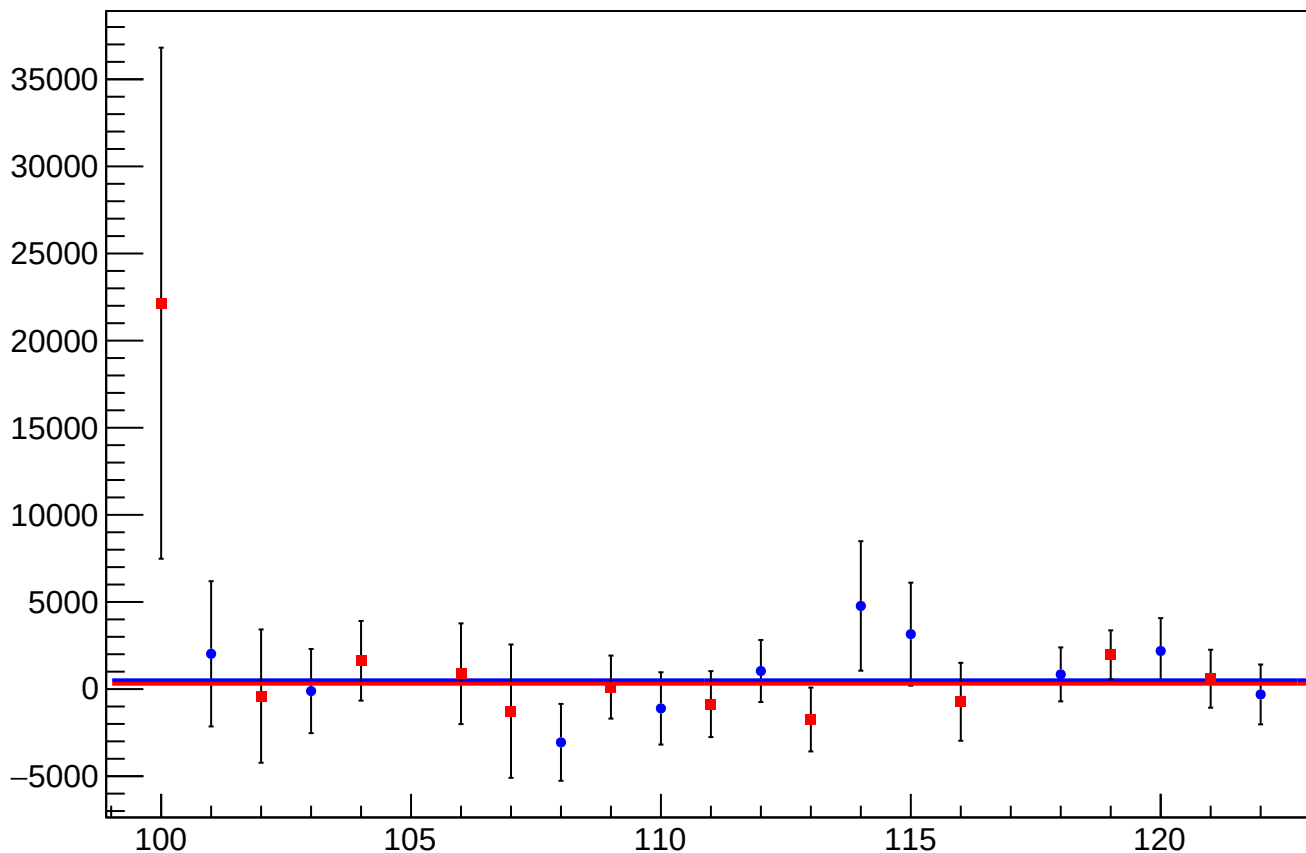
Right: 387.623+/-0.105 χ^2/NDF : 3744993.2/20

In: 394.195+/-0.155 χ^2/NDF :1687408.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 387.623+/-0.105 χ^2/NDF : 3744993.2/20

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 502.107+/-673.216 χ^2/NDF : 6.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.692+/-645.092 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

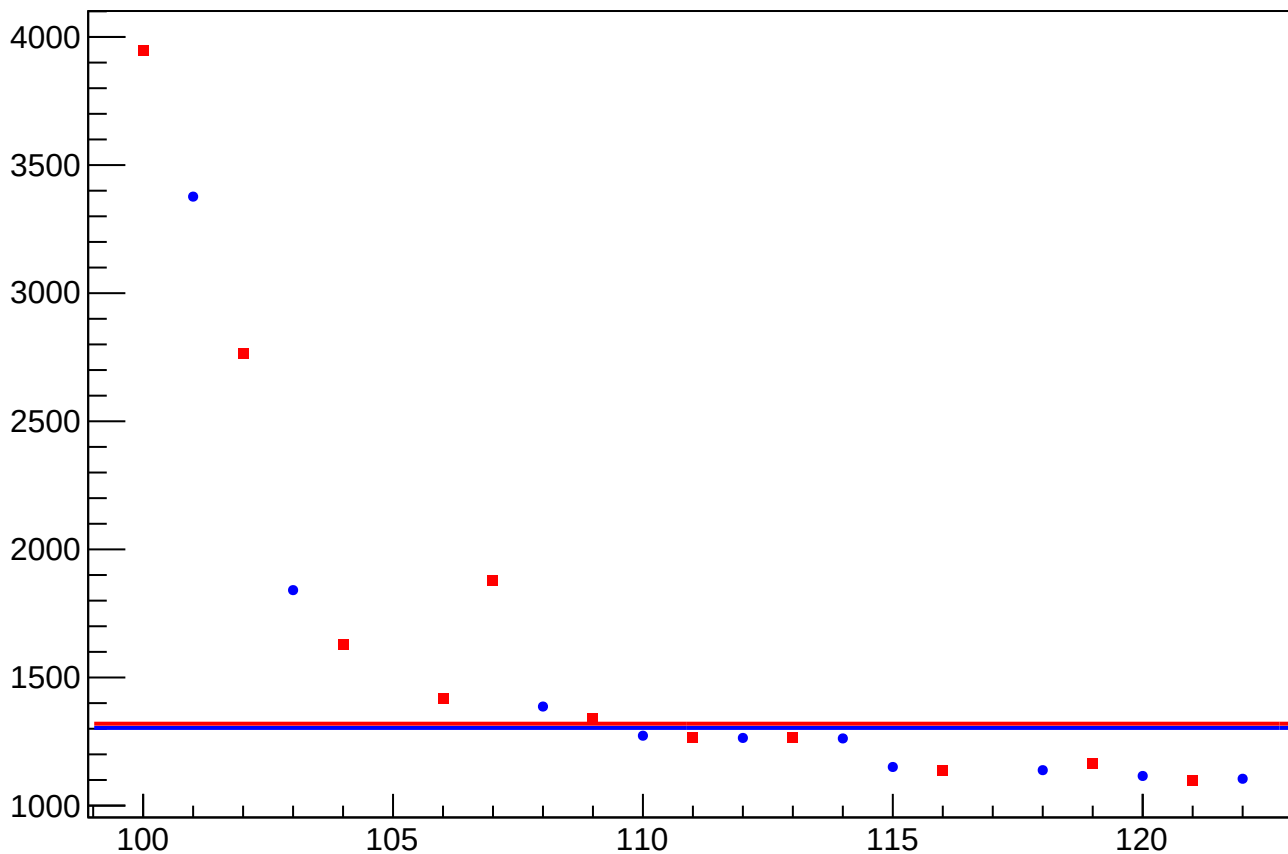
Right: 401.796+/-465.774 χ^2/NDF : 12.8/20

In: 502.107+/-673.216 χ^2/NDF : 6.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.796+/-465.774 χ^2/NDF : 12.8/20

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.253+/-0.476 χ^2/NDF : 672896.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.696+/-0.456 χ^2/NDF : 507283.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

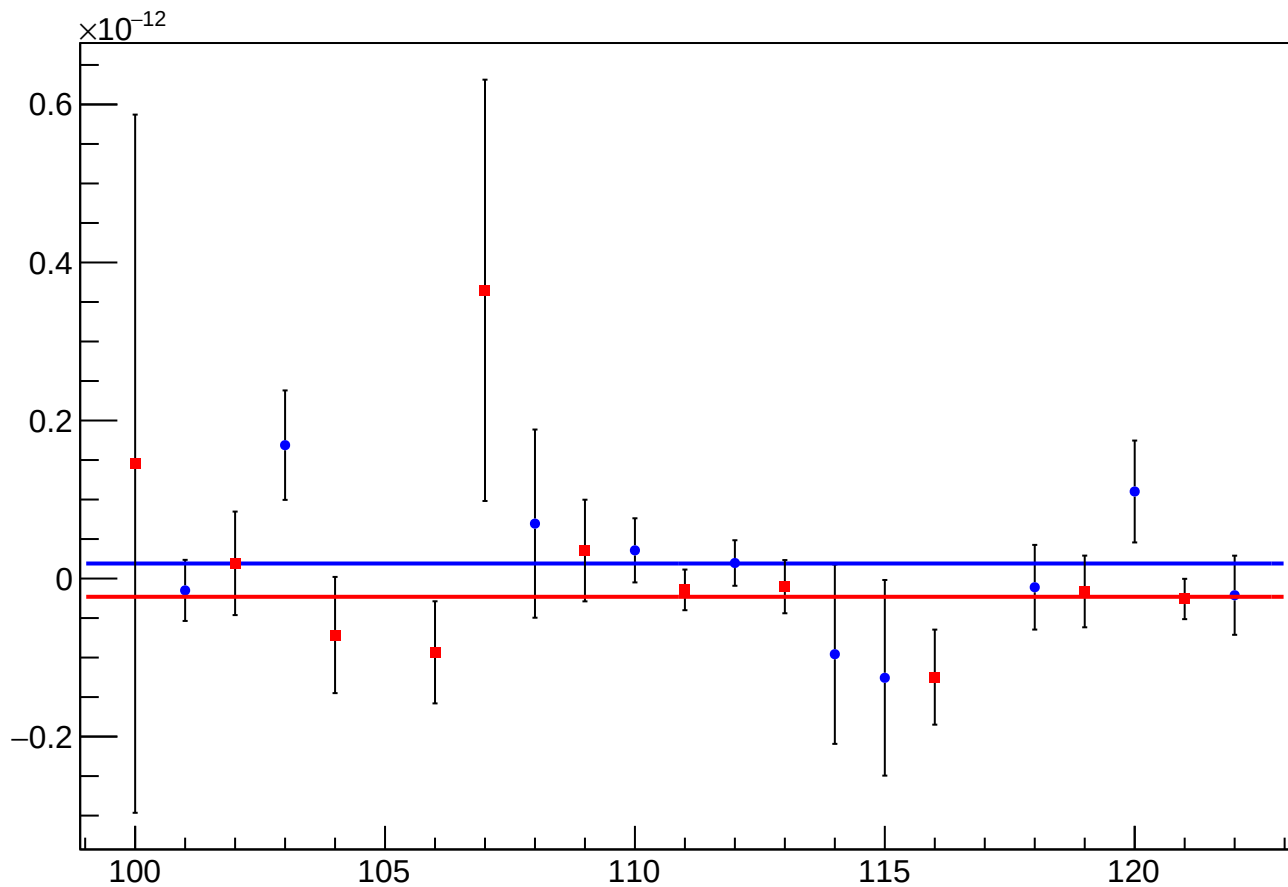
Right: 1311.825+/-0.329 χ^2/NDF : 1180802.5/20

In: 1303.253+/-0.476 χ^2/NDF : 672896.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.825+/-0.329 χ^2/NDF : 1180802.5/20

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/9

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

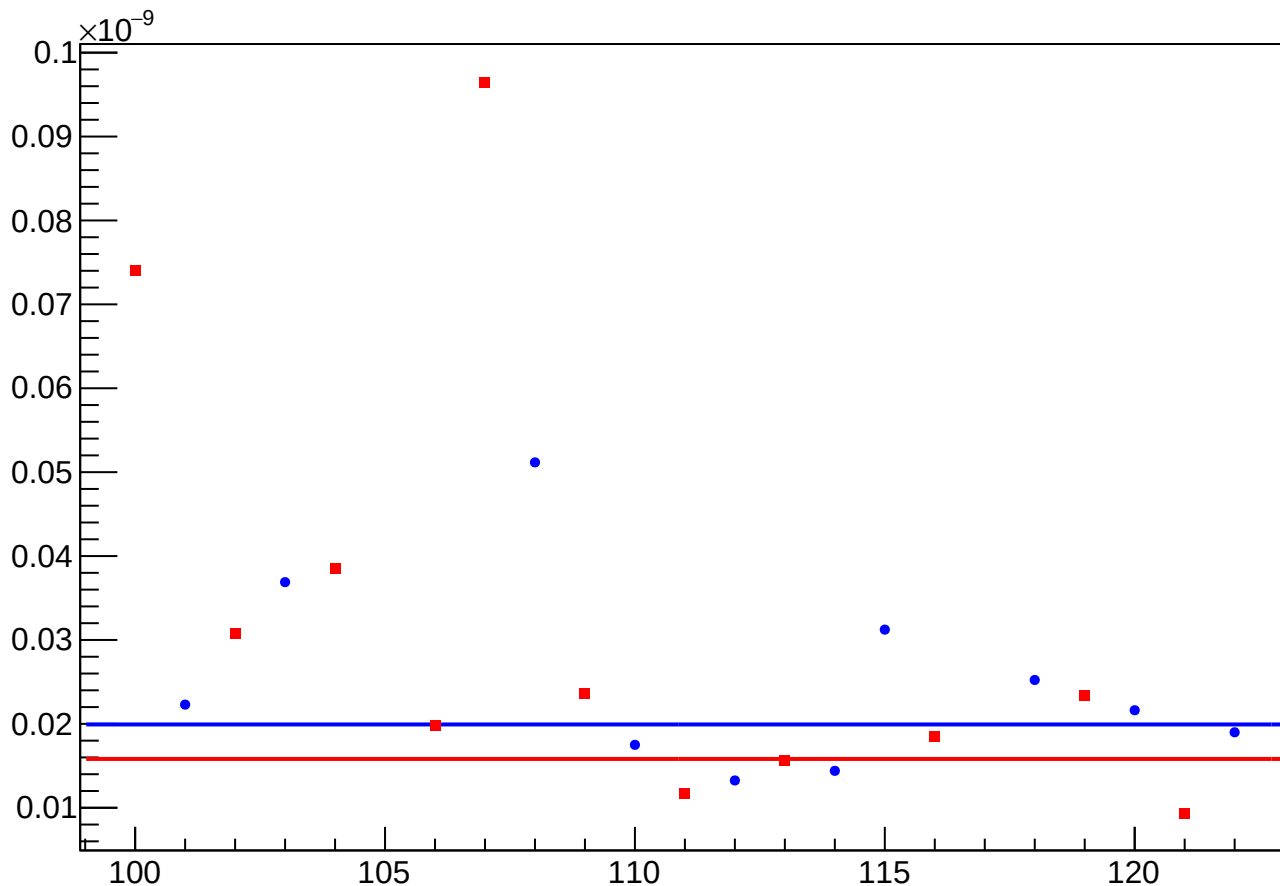
Right: -0.000+/-0.000 χ^2/NDF : 23.5/20

In: 0.000+/-0.000 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/20

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 422537.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 792223.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

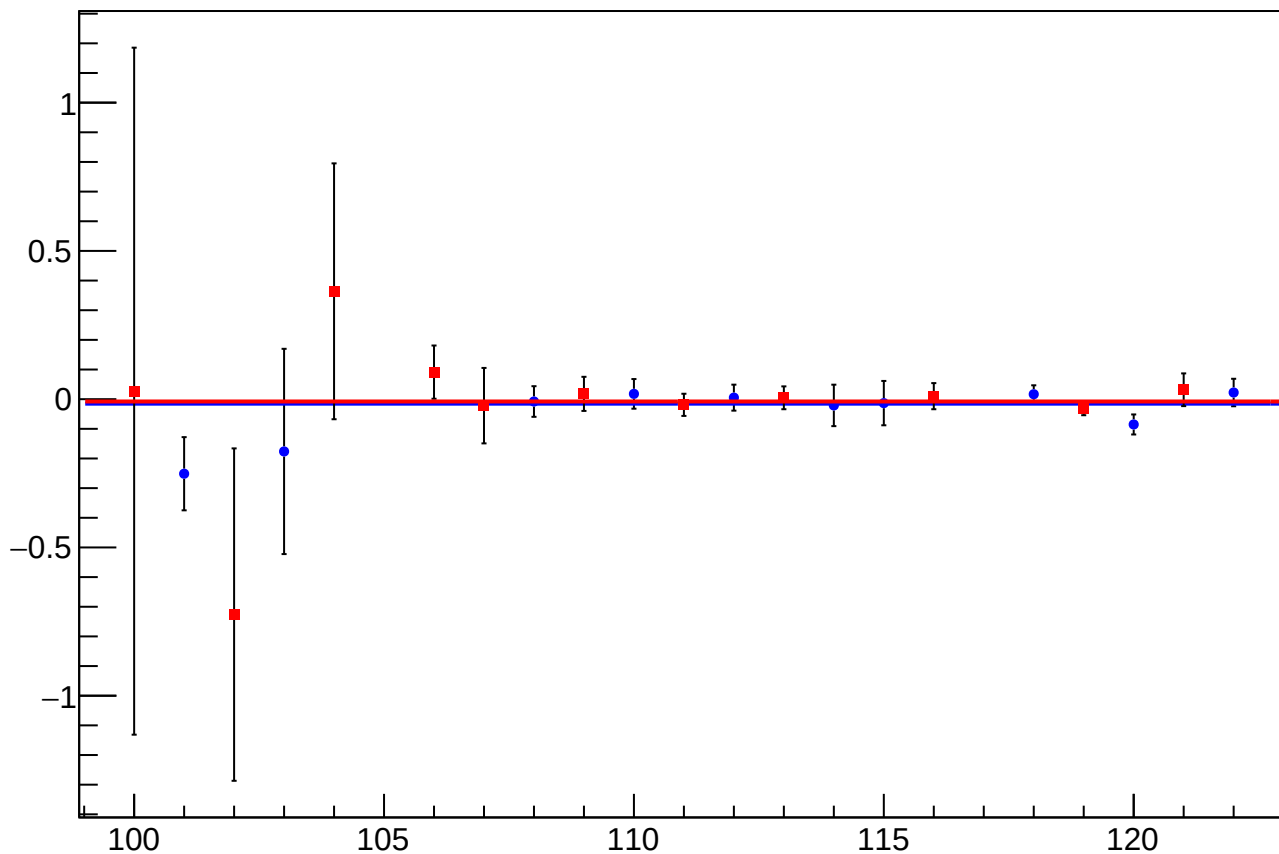
Right: 0.000+/-0.000 χ^2/NDF : 1292421.0/20

In: 0.000+/-0.000 χ^2/NDF : 422537.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1292421.0/20

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 5.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

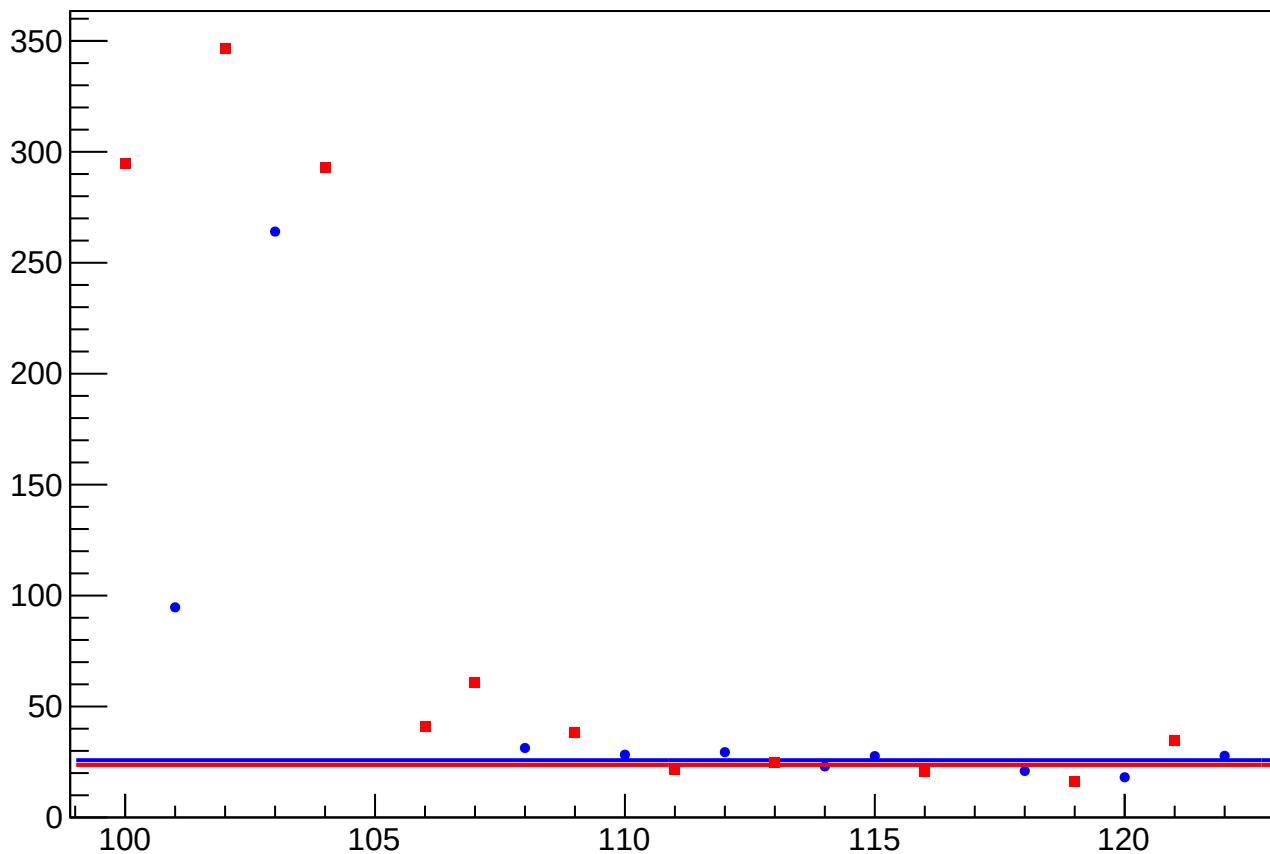
Right: -0.011 ± 0.011 χ^2/NDF : 16.4/20

In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.011 χ^2/NDF : 16.4/20

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.811+/-0.011 χ^2/NDF : 1776157.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.662+/-0.010 χ^2/NDF : 2222257.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

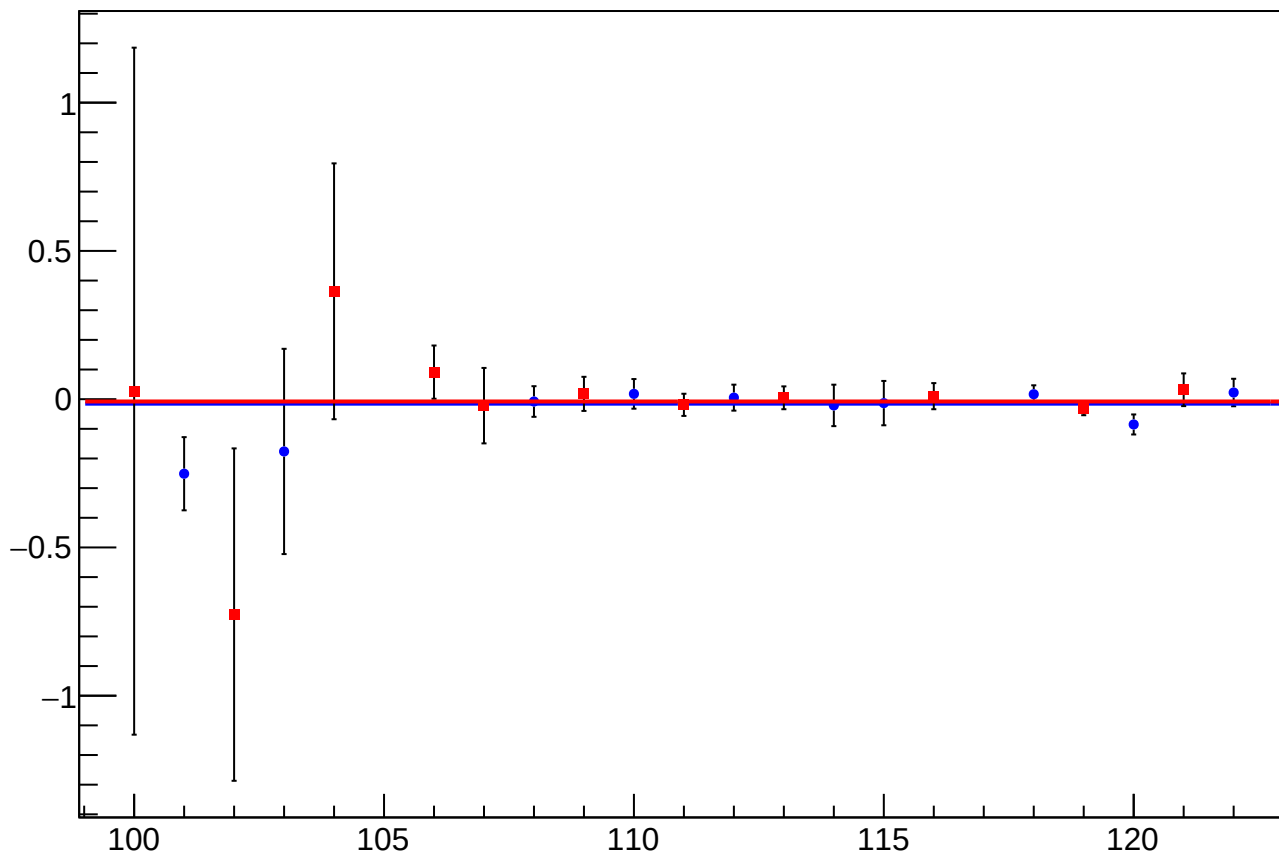
Right: 24.694+/-0.008 χ^2/NDF : 4018580.8/20

In: 25.811+/-0.011 χ^2/NDF :1776157.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.694+/-0.008 χ^2/NDF : 4018580.8/20

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 5.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

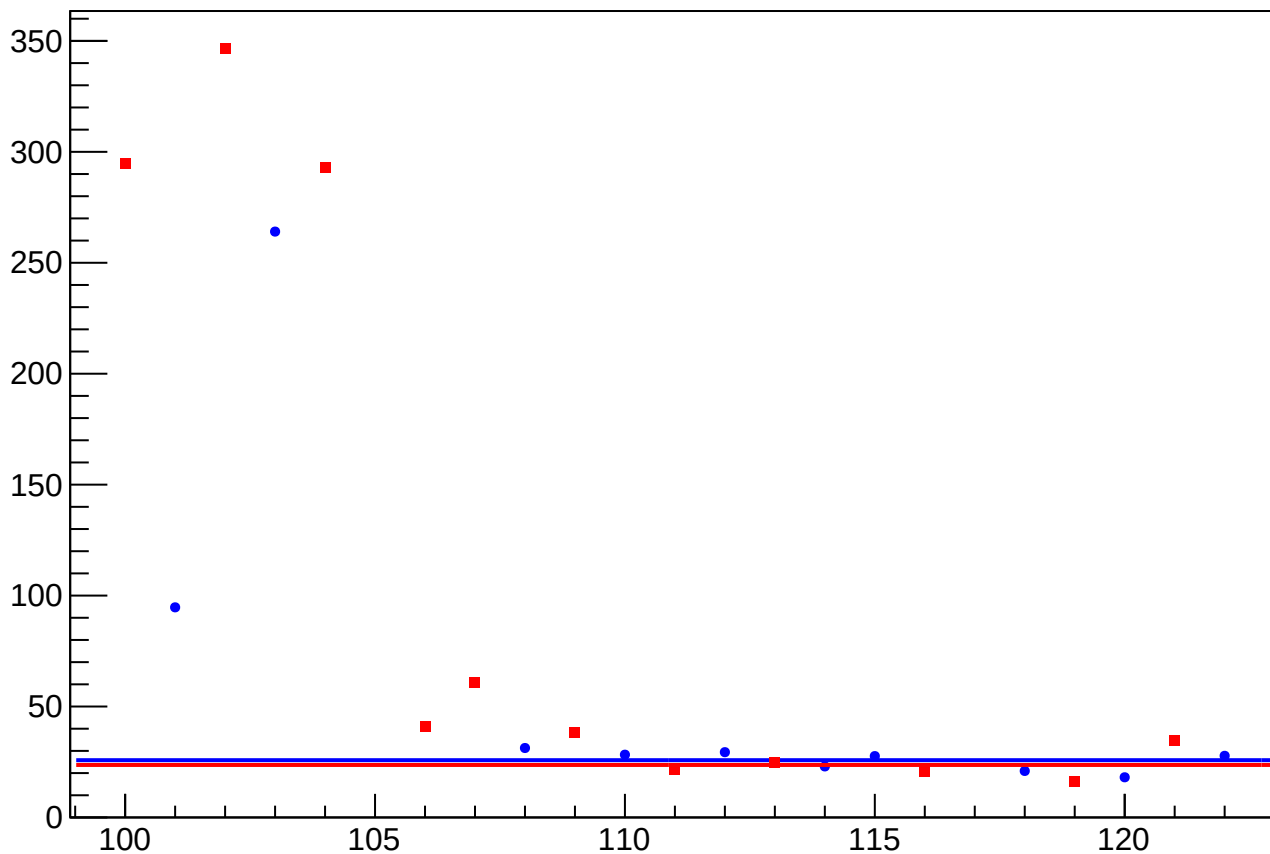
Right: -0.011 ± 0.011 χ^2/NDF : 16.4/20

In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.011 χ^2/NDF : 16.4/20

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.811+/-0.011 χ^2/NDF : 1776157.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.662+/-0.010 χ^2/NDF : 2222257.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

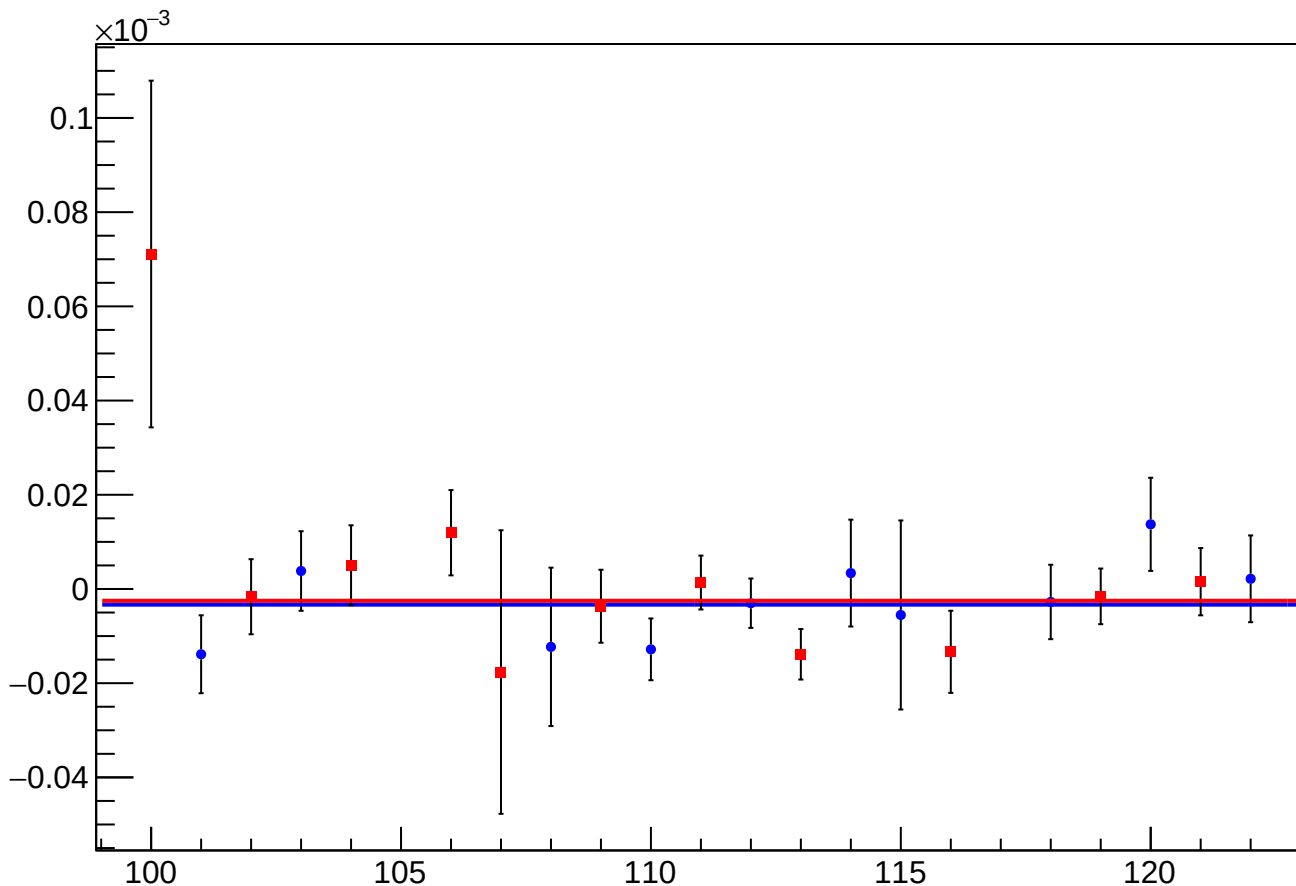
Right: 24.694+/-0.008 χ^2/NDF : 4018580.8/20

In: 25.811+/-0.011 χ^2/NDF :1776157.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.694+/-0.008 χ^2/NDF : 4018580.8/20

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: 8.4/9

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

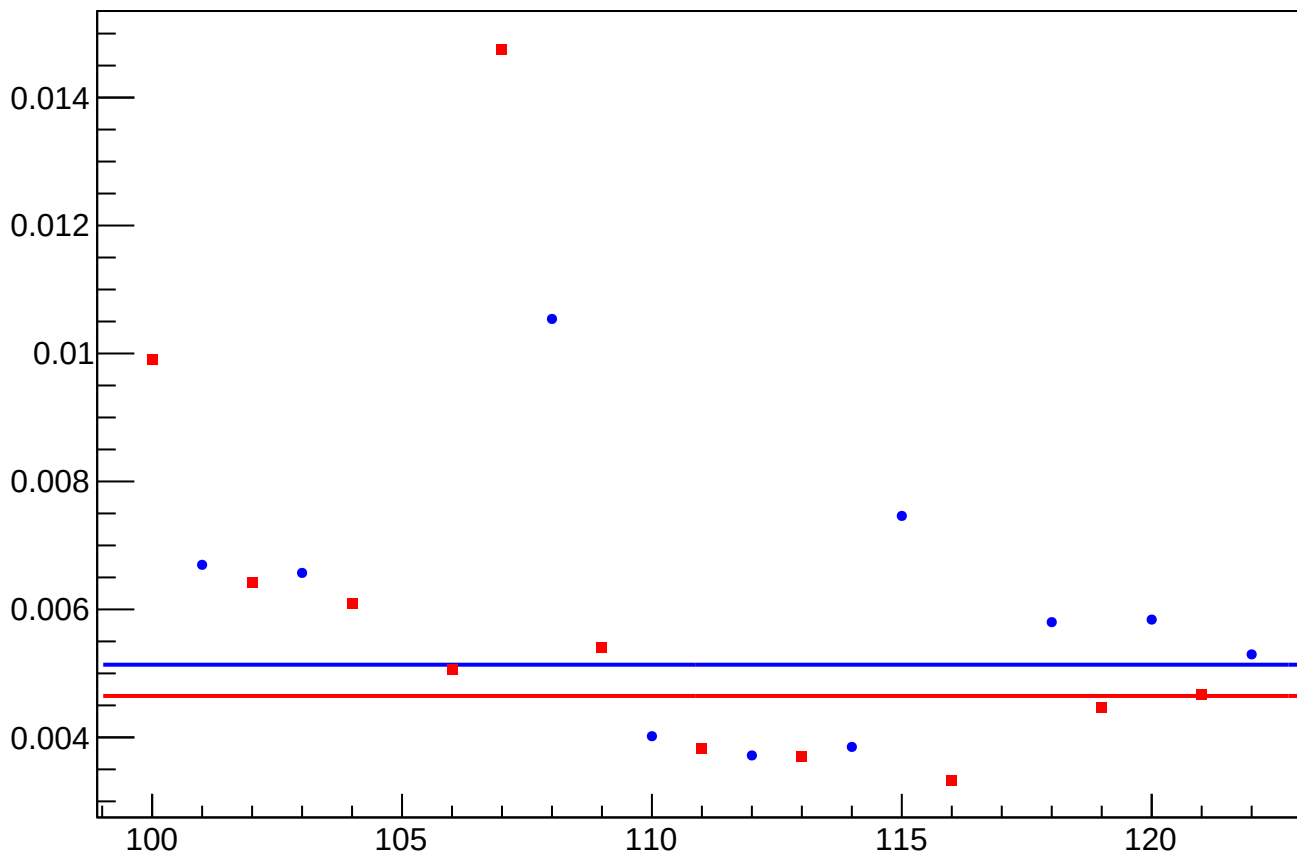
Right: -0.000+/-0.000 χ^2 /NDF: 22.9/20

In: -0.000+/-0.000 χ^2 /NDF:8.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.9/20

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 : 617452.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 599273.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

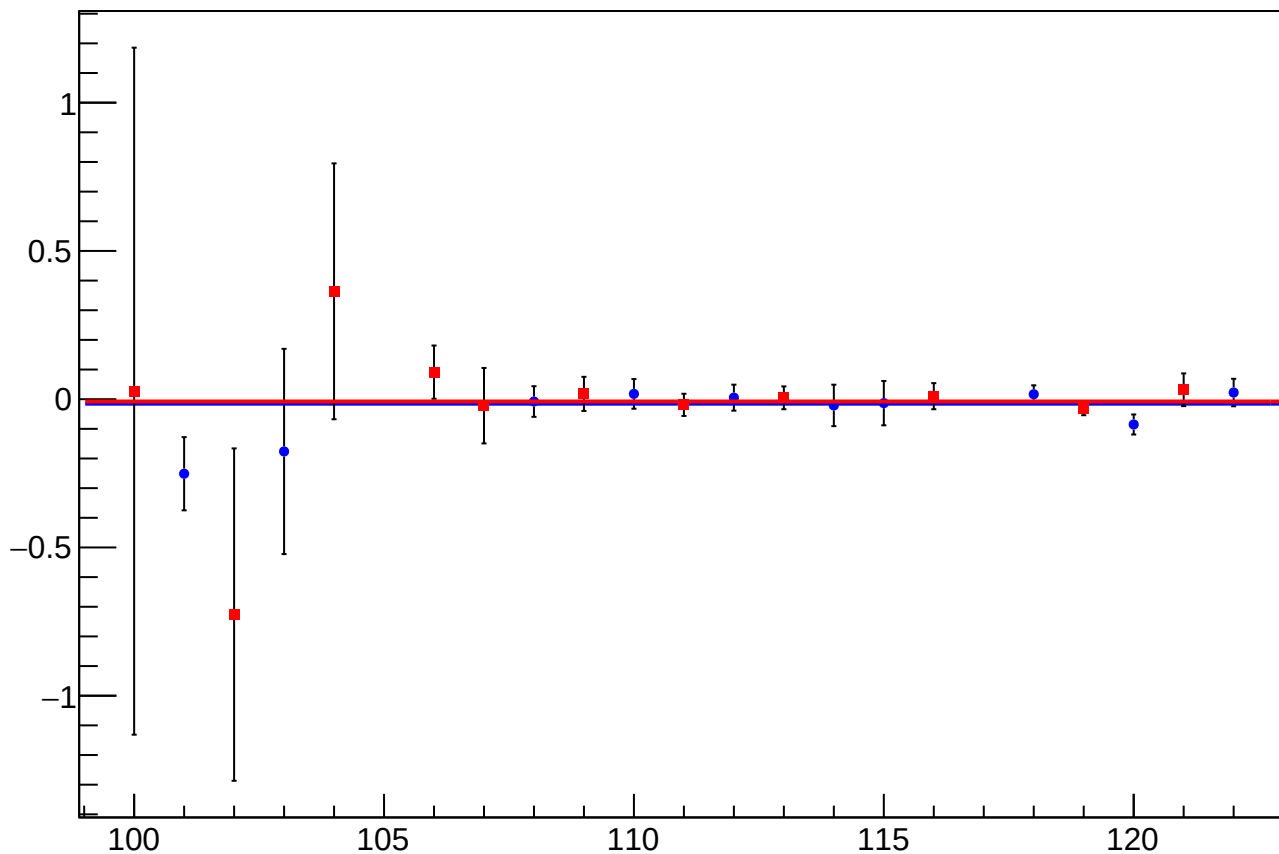
Right: 0.005+/-0.000 χ^2/NDF : 1254930.9/20

In: 0.005+/-0.000 χ^2/NDF : 617452.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1254930.9/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 5.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

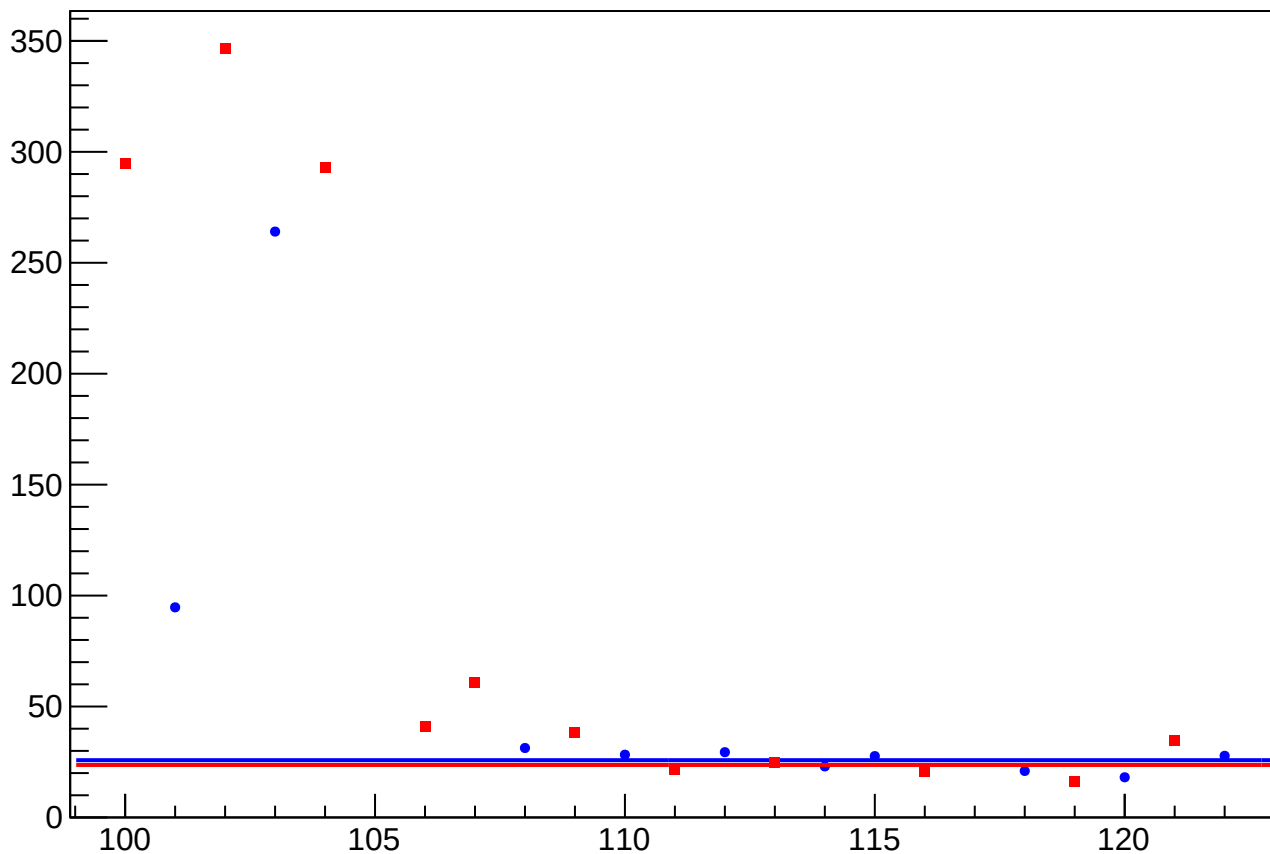
Right: -0.011 ± 0.011 χ^2/NDF : 16.4/20

In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.011 χ^2/NDF : 16.4/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 25.811+/-0.011 χ^2/NDF : 1776149.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.659+/-0.010 χ^2/NDF : 2222497.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

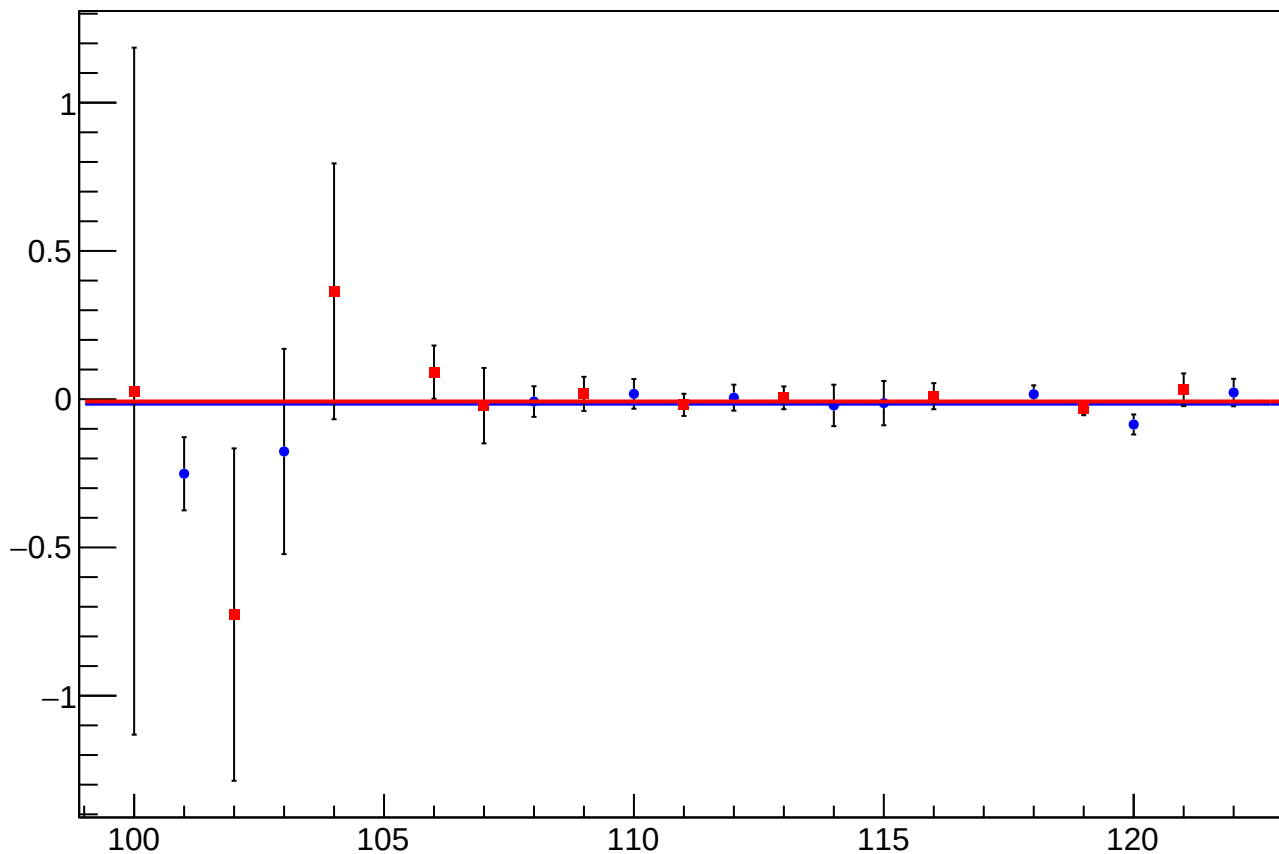
Right: 24.693+/-0.008 χ^2/NDF : 4018868.0/20

In: 25.811+/-0.011 χ^2/NDF : 1776149.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.693+/-0.008 χ^2/NDF : 4018868.0/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 5.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

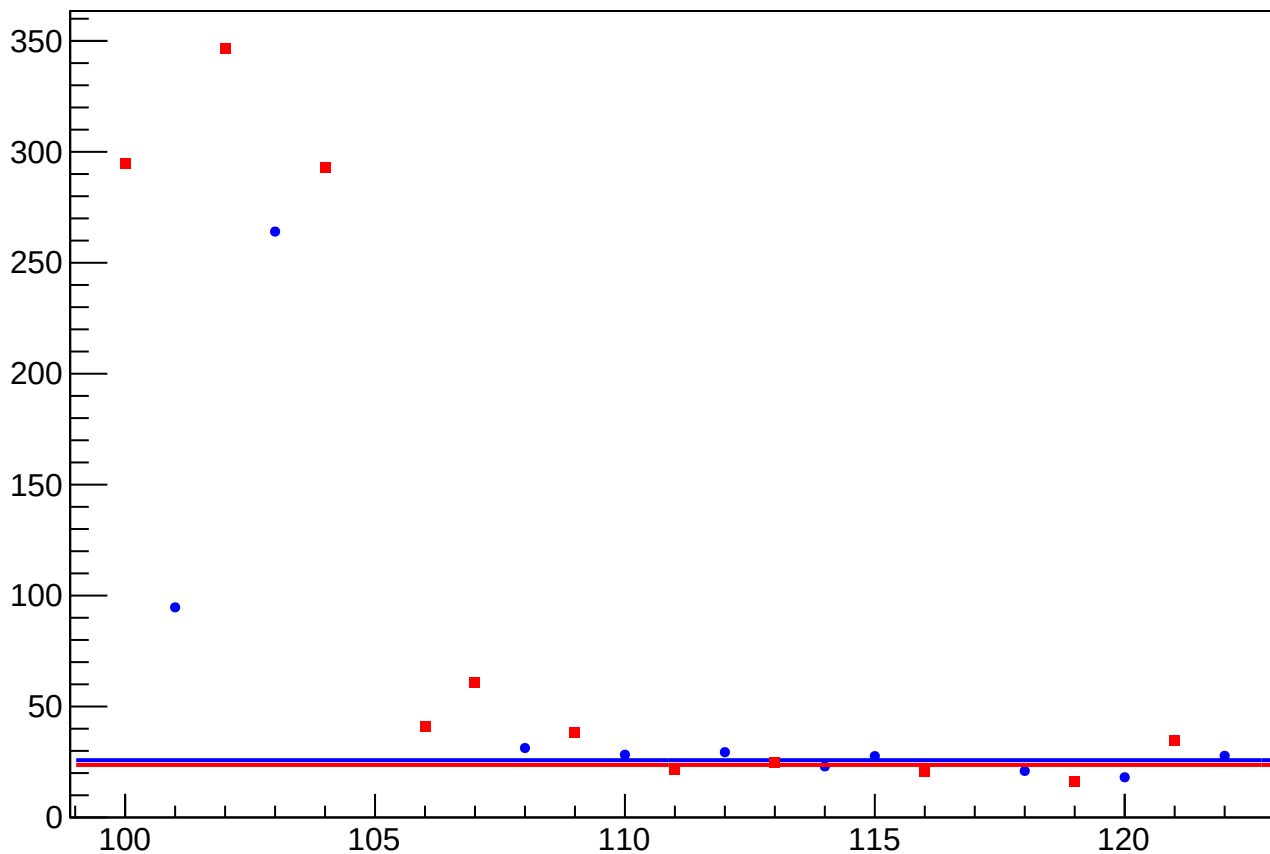
Right: -0.011 ± 0.011 χ^2/NDF : 16.4/20

In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.011 χ^2/NDF : 16.4/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.811+/-0.011 χ^2/NDF : 1776149.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.659+/-0.010 χ^2/NDF : 2222497.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

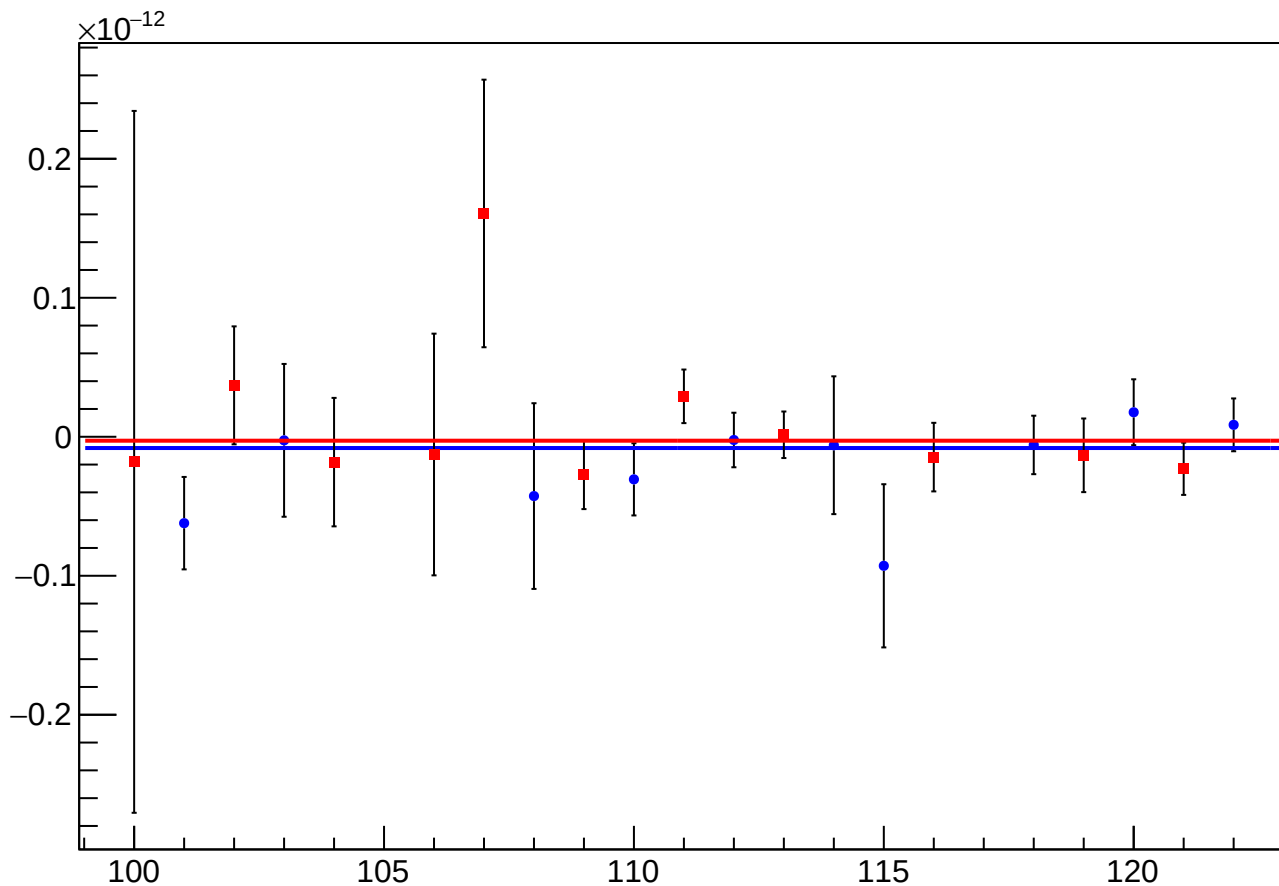
Right: 24.693+/-0.008 χ^2/NDF : 4018868.0/20

In: 25.811+/-0.011 χ^2/NDF : 1776149.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.693+/-0.008 χ^2/NDF : 4018868.0/20

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 7.8/9

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

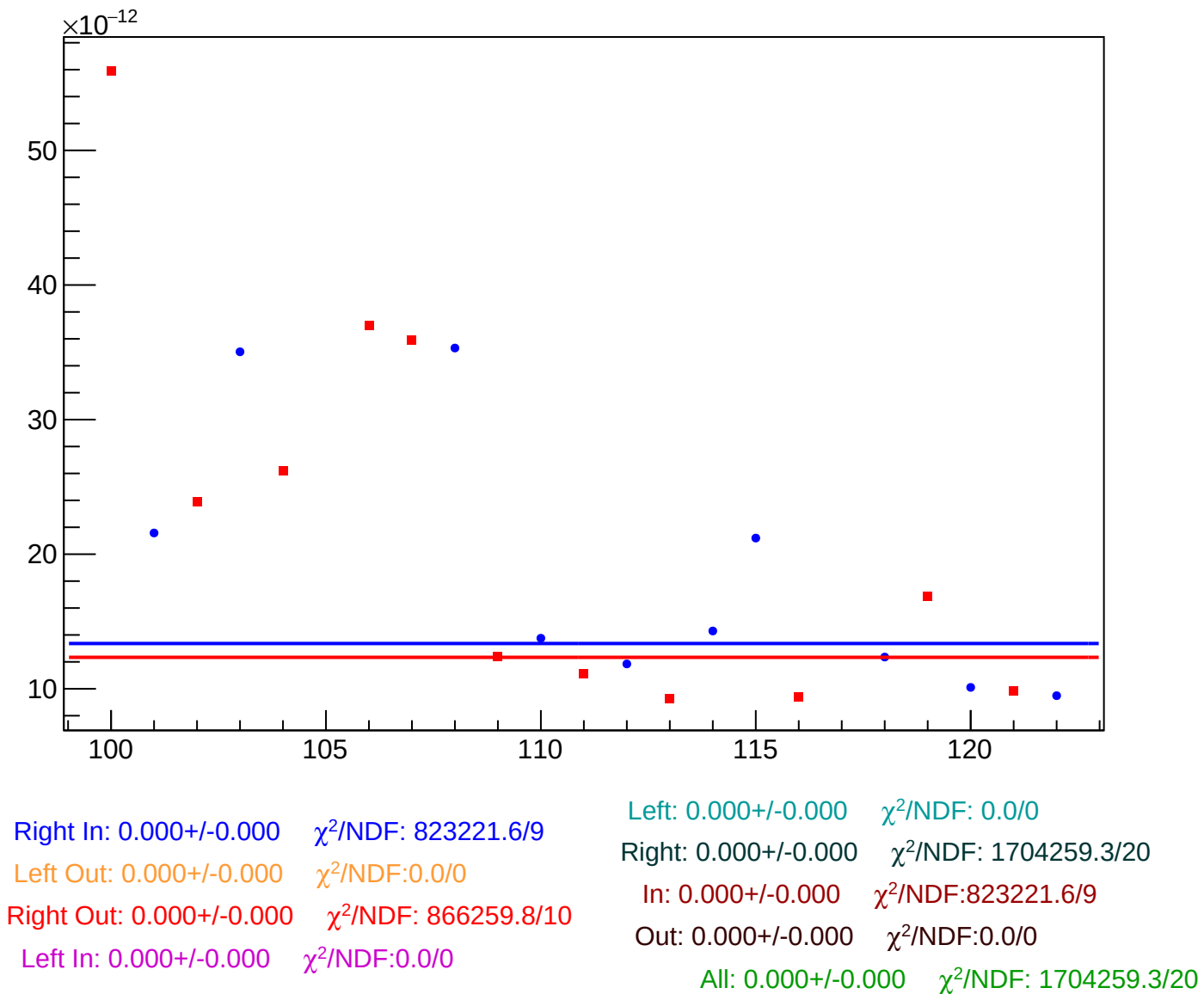
Right: -0.000 ± 0.000 χ^2/NDF : 17.2/20

In: -0.000 ± 0.000 χ^2/NDF : 7.8/9

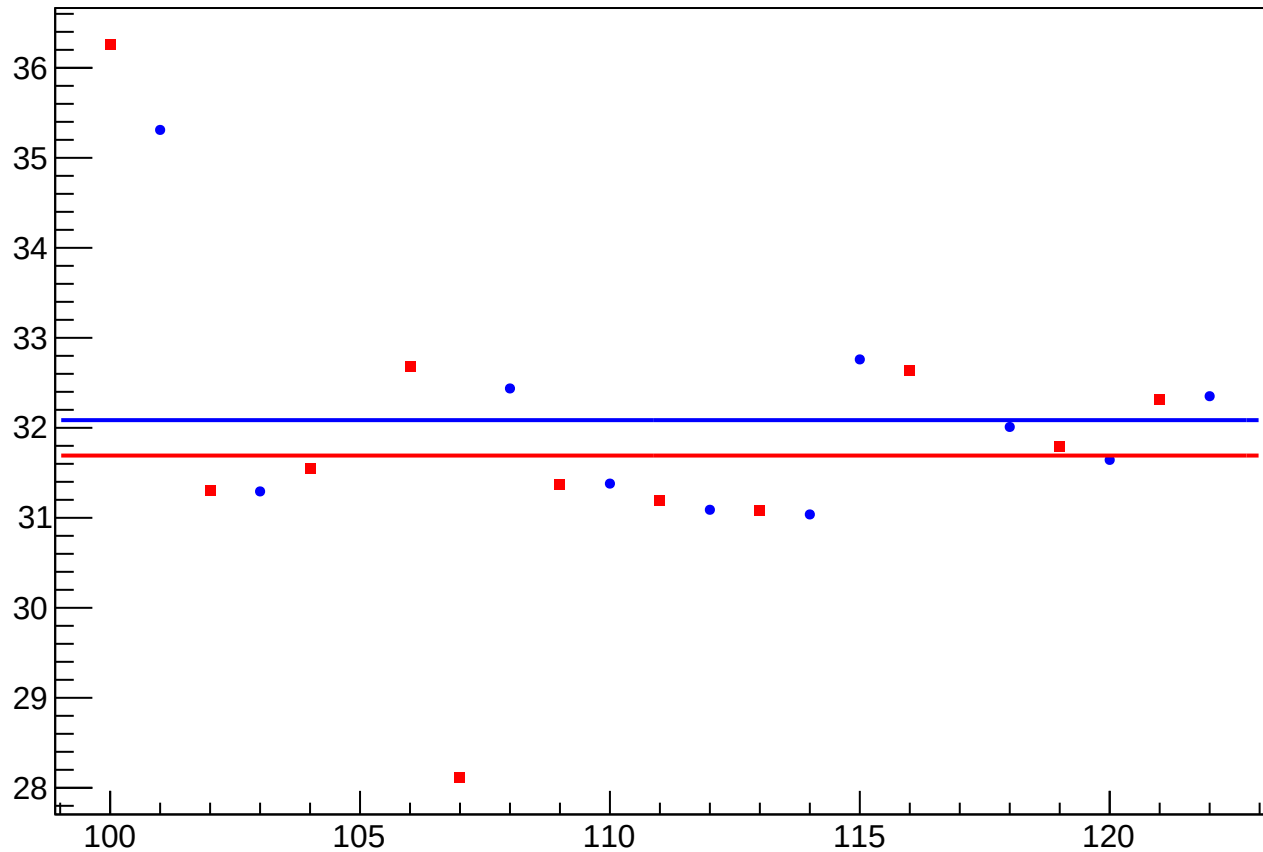
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.2/20

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: 32.085+/-0.000 χ^2/NDF : 833394739.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.692+/-0.000 χ^2/NDF : 377900845.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

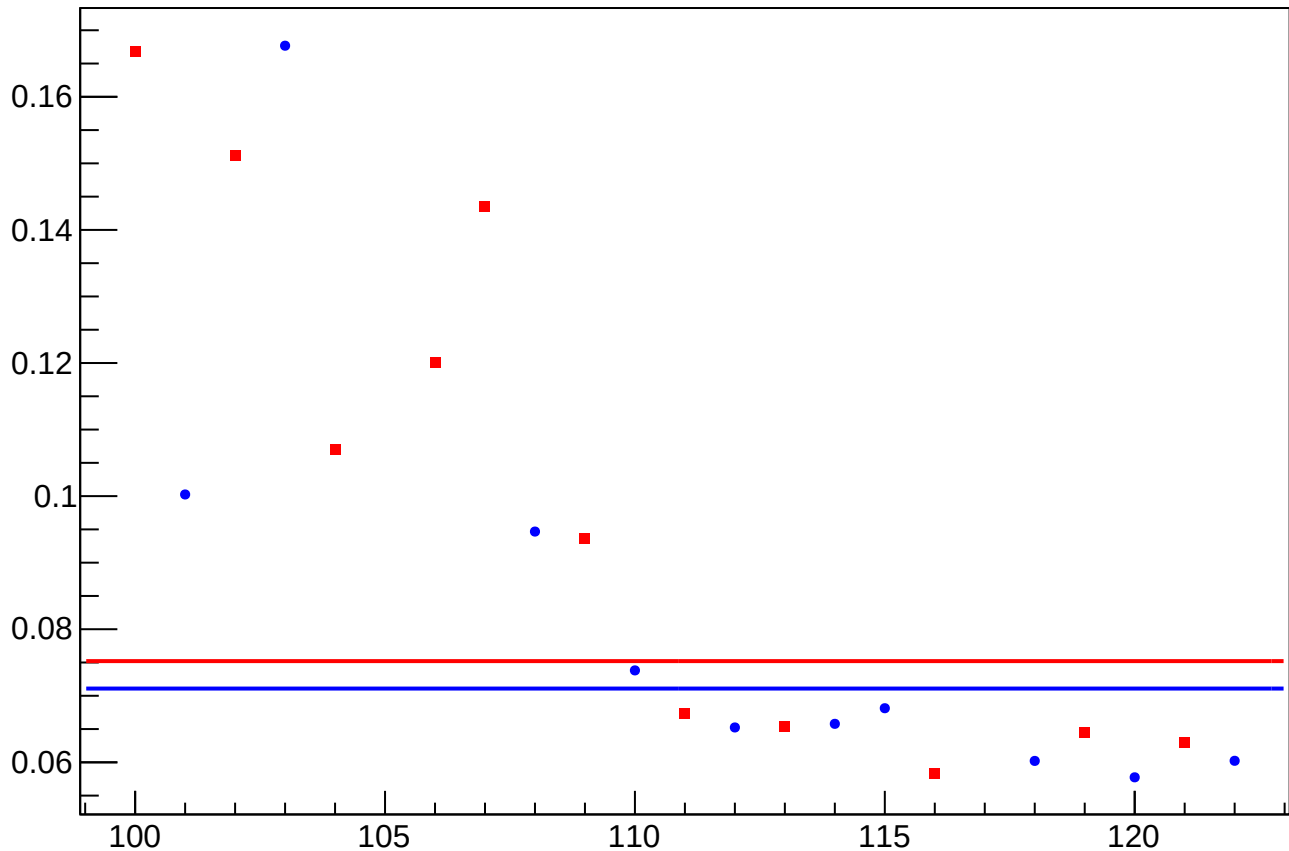
Right: 31.889+/-0.000 χ^2/NDF : 1263955486.4/20

In: 32.085+/-0.000 χ^2/NDF : 833394739.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.889+/-0.000 χ^2/NDF : 1263955486.4/20

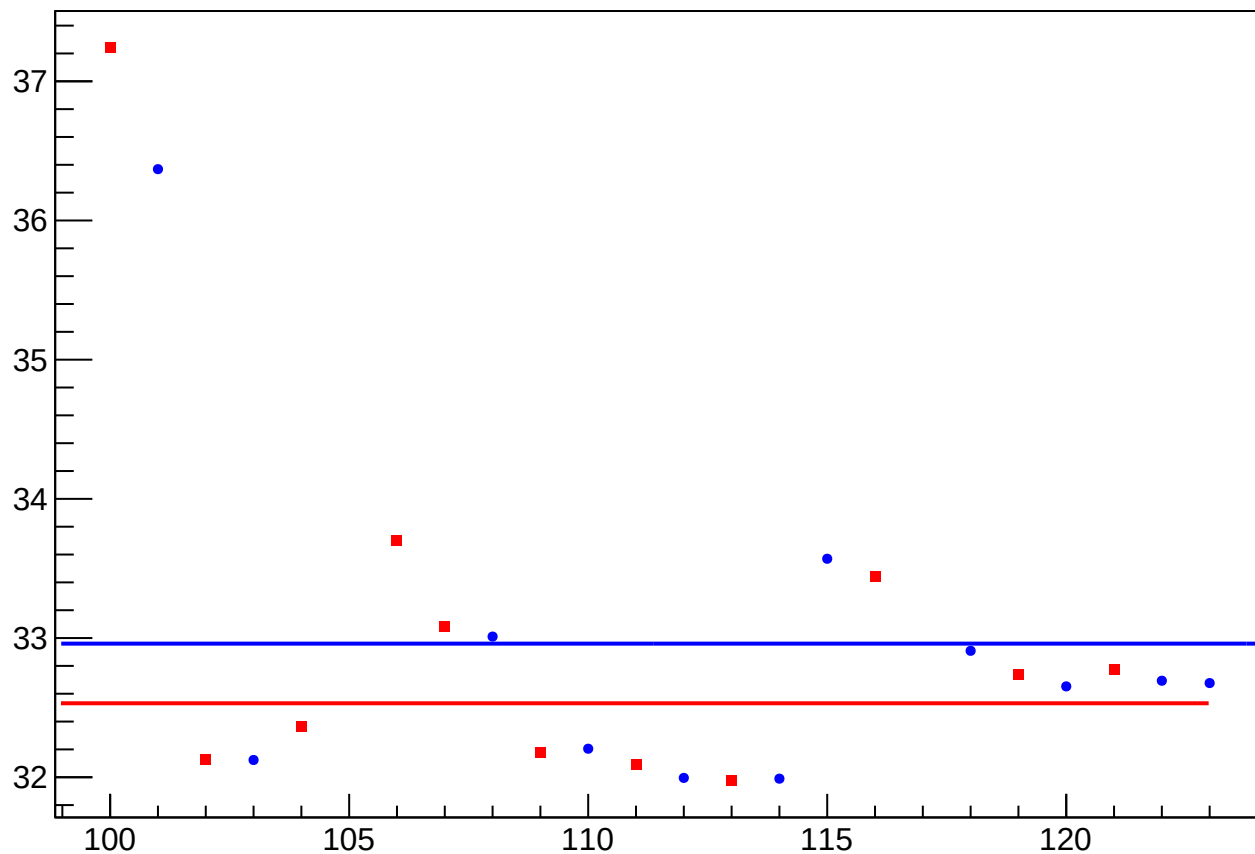
yield_usl_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 632859.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.075+/-0.000 χ^2/NDF : 758320.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.073+/-0.000 χ^2/NDF : 1402753.1/20
 In: 0.071+/-0.000 χ^2/NDF : 632859.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.073+/-0.000 χ^2/NDF : 1402753.1/20

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.960+/-0.000 χ^2/NDF : 634229441.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.531+/-0.000 χ^2/NDF : 139362054.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

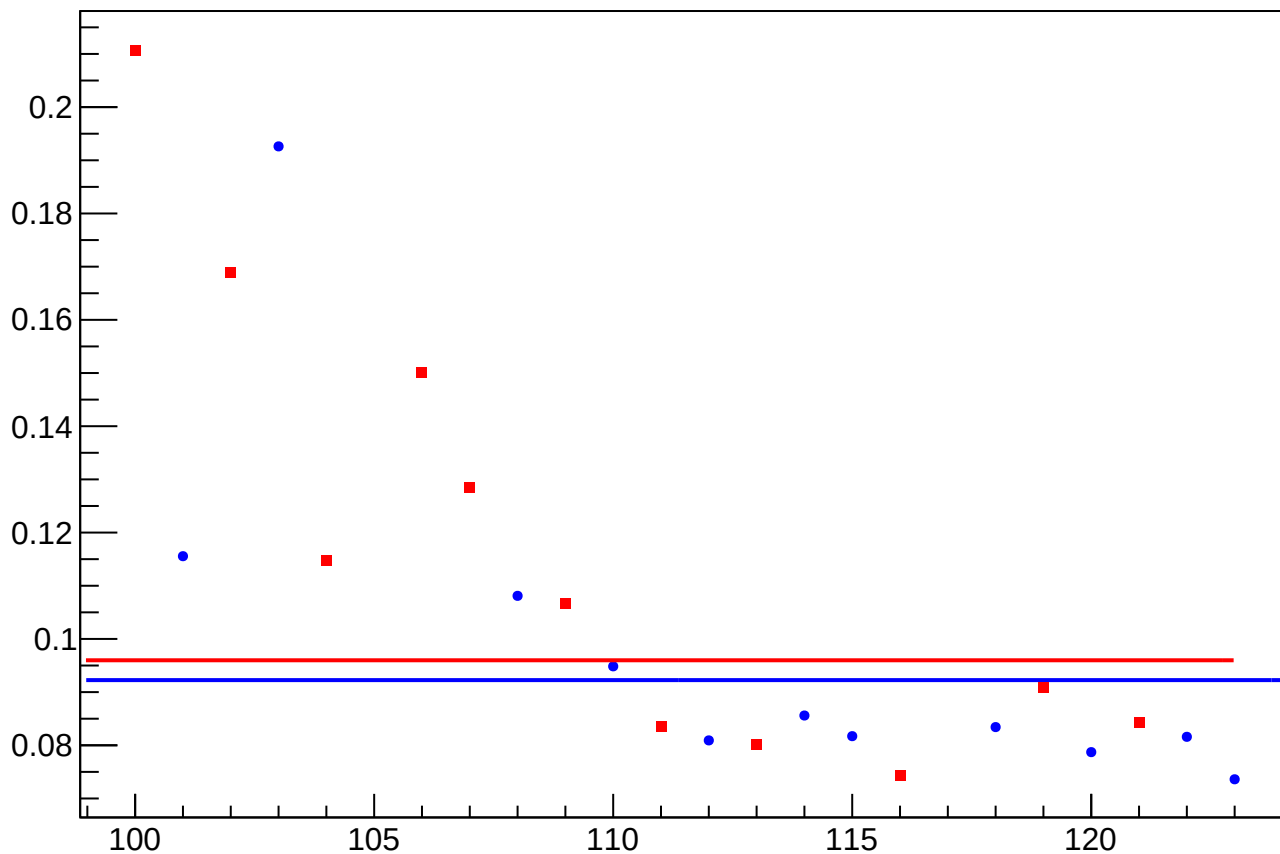
Right: 32.744+/-0.000 χ^2/NDF : 812081317.0/21

In: 32.960+/-0.000 χ^2/NDF :634229441.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.744+/-0.000 χ^2/NDF : 812081317.0/21

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.092+/-0.000 χ^2/NDF : 451273.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.000 χ^2/NDF : 499116.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

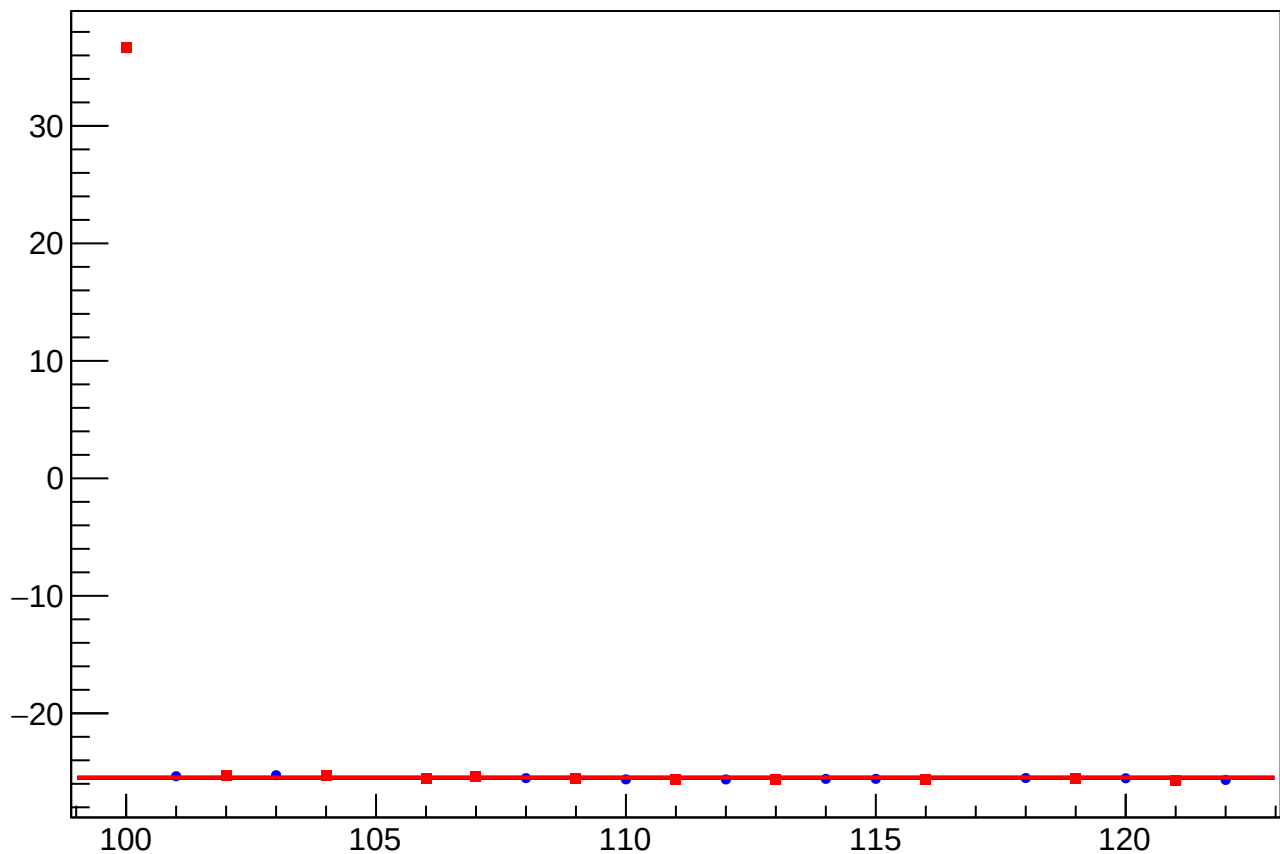
Right: 0.094+/-0.000 χ^2/NDF : 956219.7/21

In: 0.092+/-0.000 χ^2/NDF : 451273.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.094+/-0.000 χ^2/NDF : 956219.7/21

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.498+/-0.000 χ^2/NDF : 43374714.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.453+/-0.000 χ^2/NDF : 8836786930.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

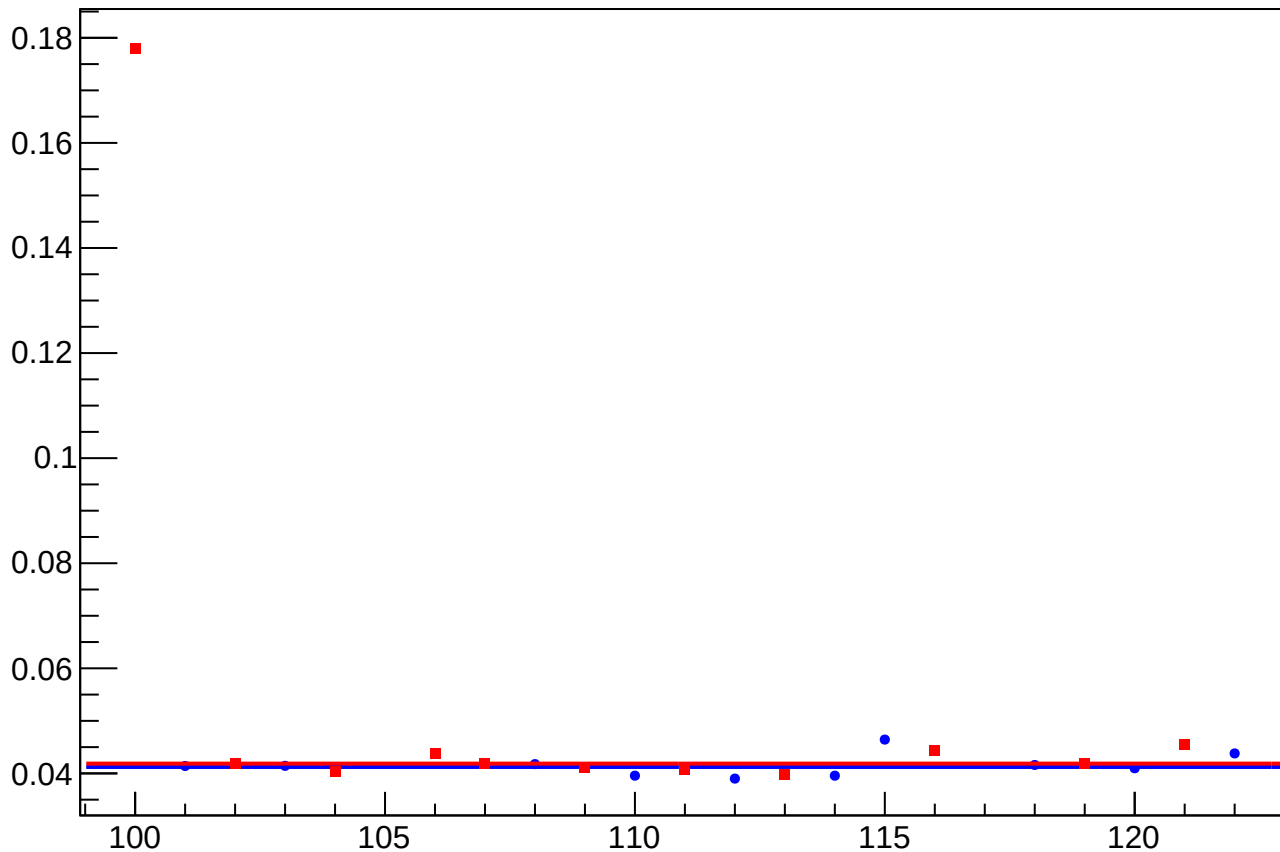
Right: -25.475+/-0.000 χ^2/NDF : 8882672080.9/20

In: -25.498+/-0.000 χ^2/NDF : 43374714.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.475+/-0.000 χ^2/NDF : 8882672080.9/20

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 11848.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 97940.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

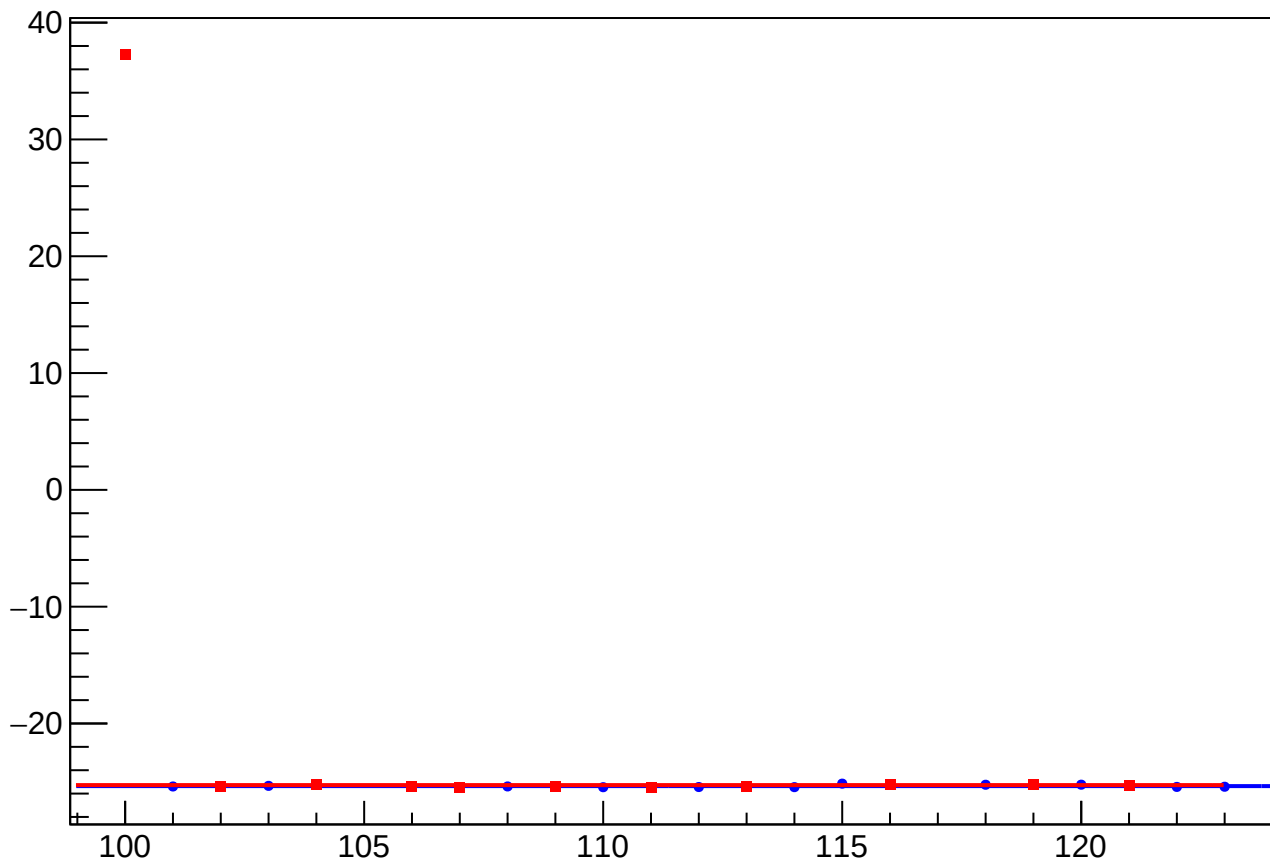
Right: 0.042+/-0.000 χ^2/NDF : 110798.3/20

In: 0.041+/-0.000 χ^2/NDF : 11848.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 110798.3/20

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.360+/-0.000 χ^2/NDF : 8373154.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.274+/-0.000 χ^2/NDF : 6303918785.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

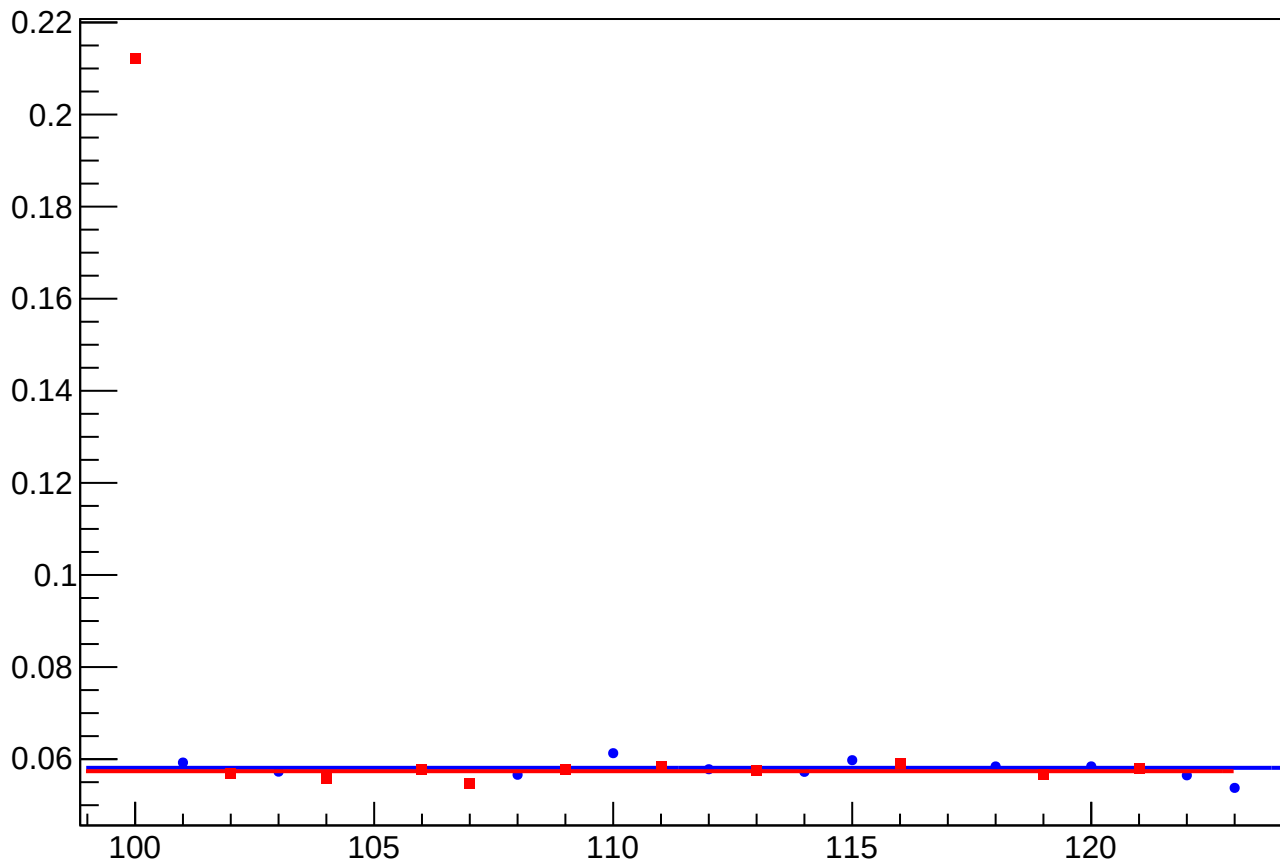
Right: -25.314+/-0.000 χ^2/NDF : 6316982884.5/21

In: -25.360+/-0.000 χ^2/NDF : 8373154.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.314+/-0.000 χ^2/NDF : 6316982884.5/21

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 4694.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 80184.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

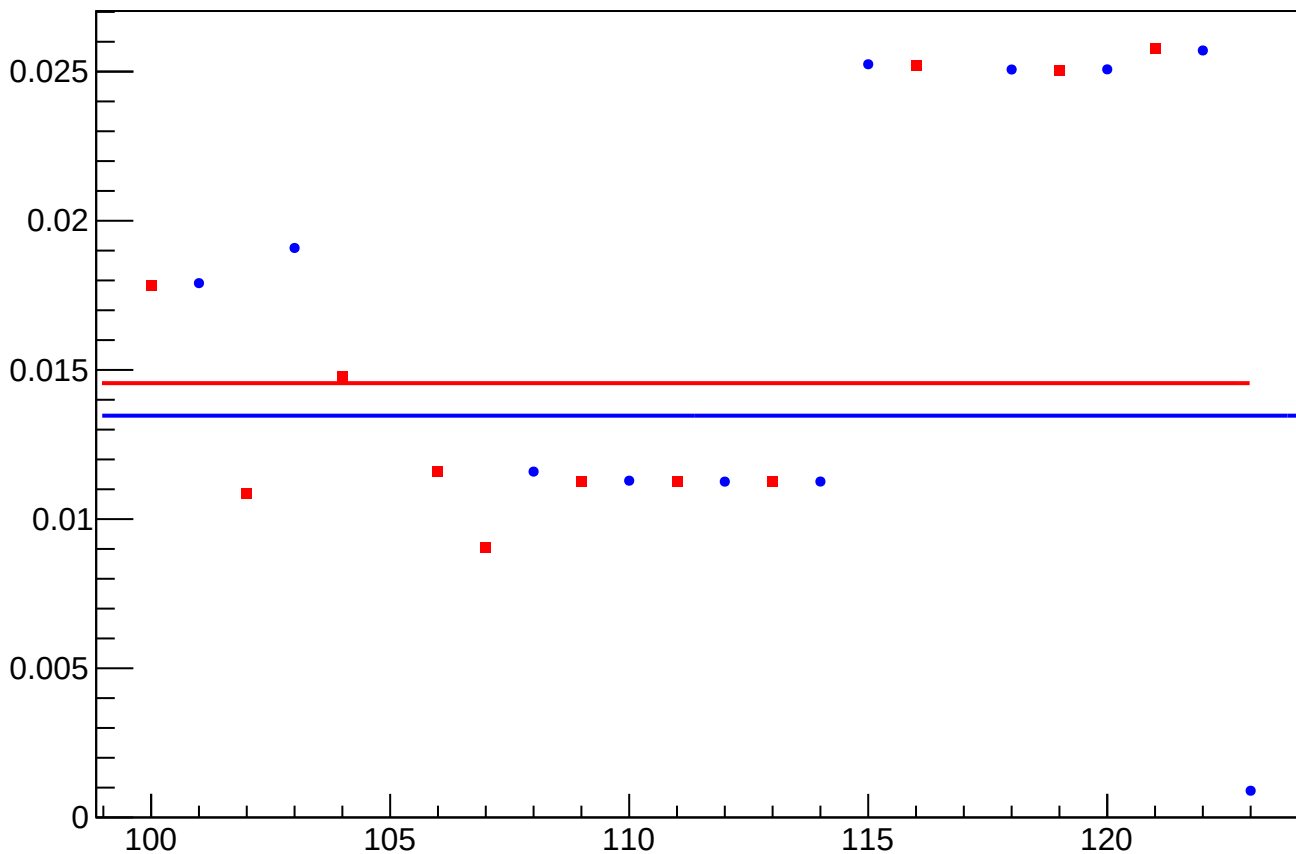
Right: 0.058+/-0.000 χ^2/NDF : 85559.2/21

In: 0.058+/-0.000 χ^2/NDF : 4694.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 85559.2/21

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 81230295125.9/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 118760444430.9/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.013+/-0.000

χ^2/NDF : 81230295125.9/10

Right Out: 0.015+/-0.000

χ^2/NDF : 36862101192.2/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

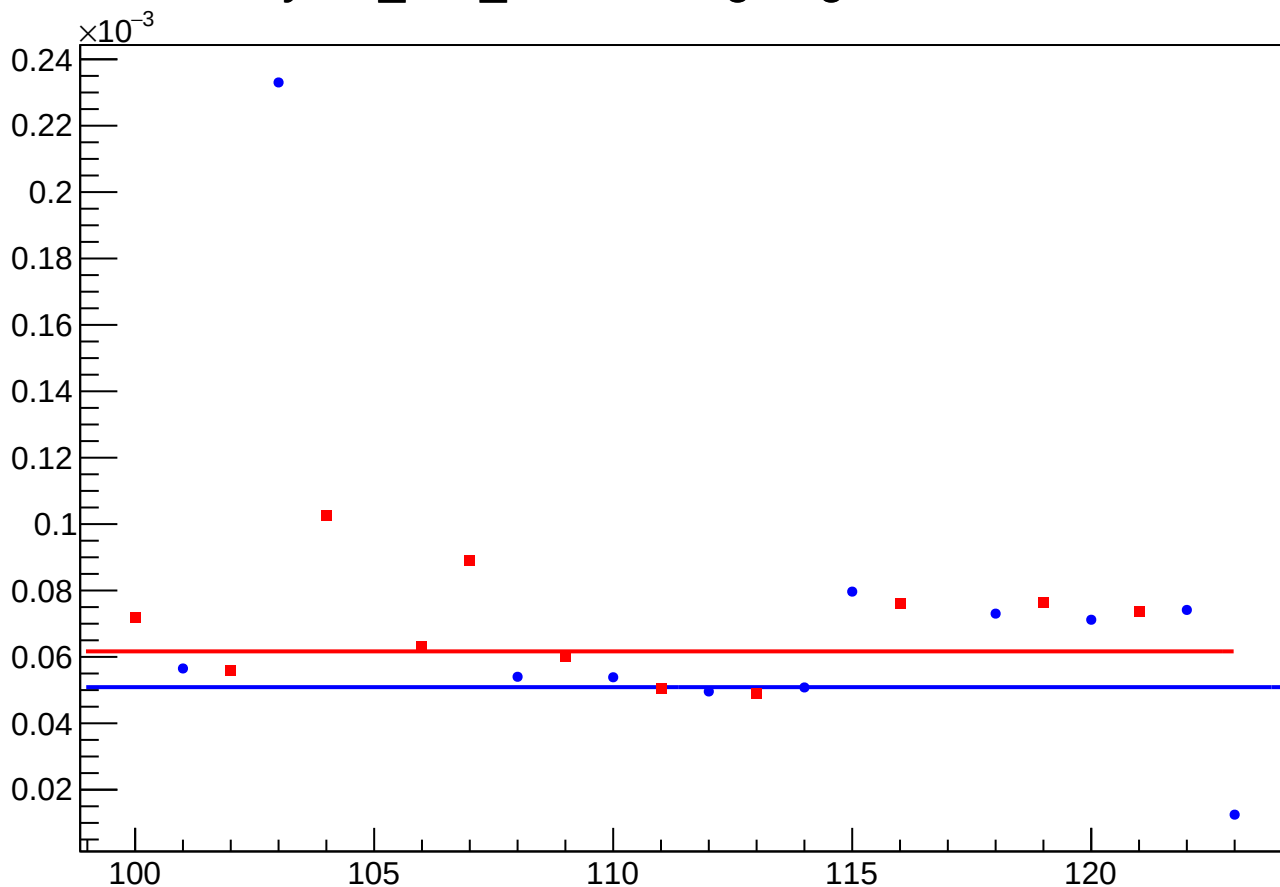
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 118760444430.9

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1591353.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 357724.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

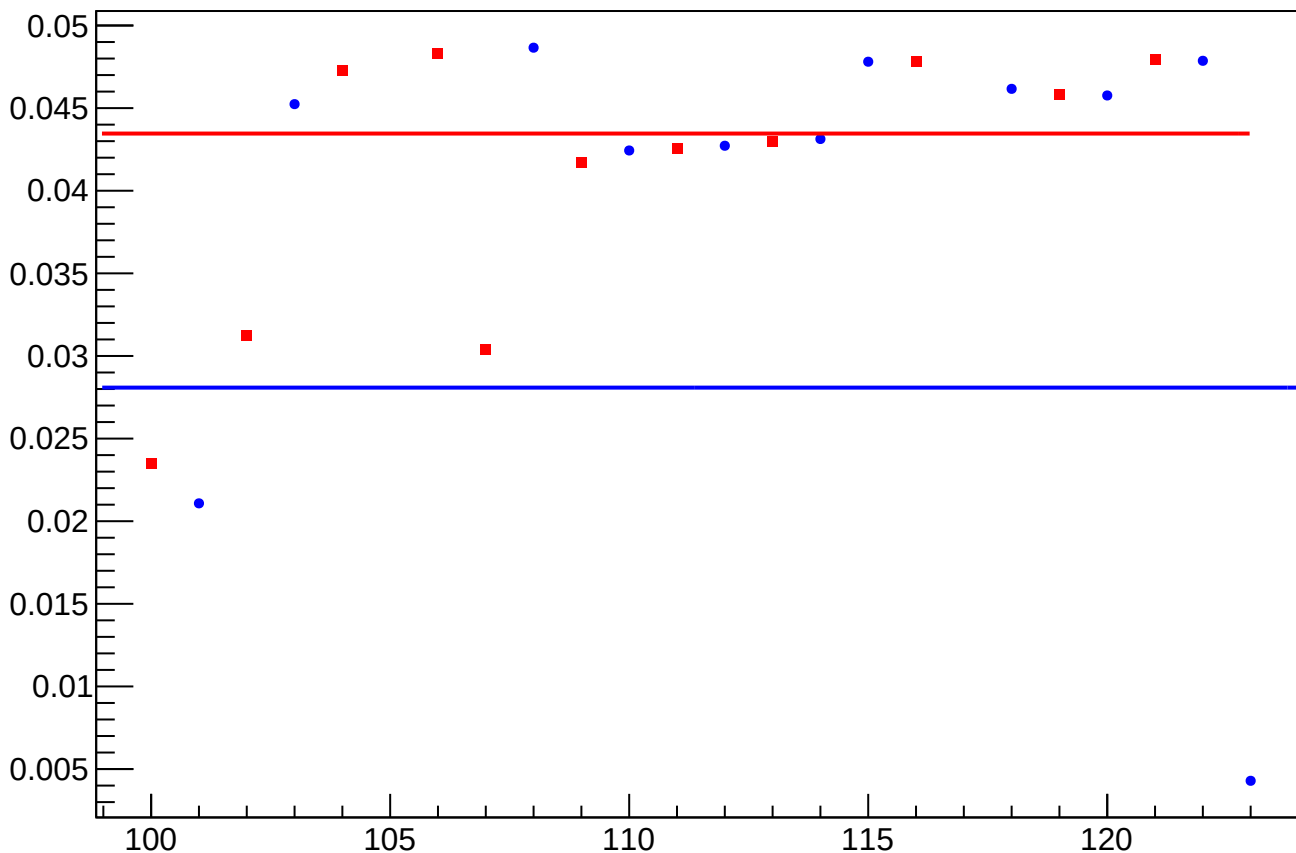
Right: 0.000+/-0.000 χ^2/NDF : 2079589.7/21

In: 0.000+/-0.000 χ^2/NDF : 1591353.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2079589.7/21

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 16889165651.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000 χ^2/NDF : 856572650.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

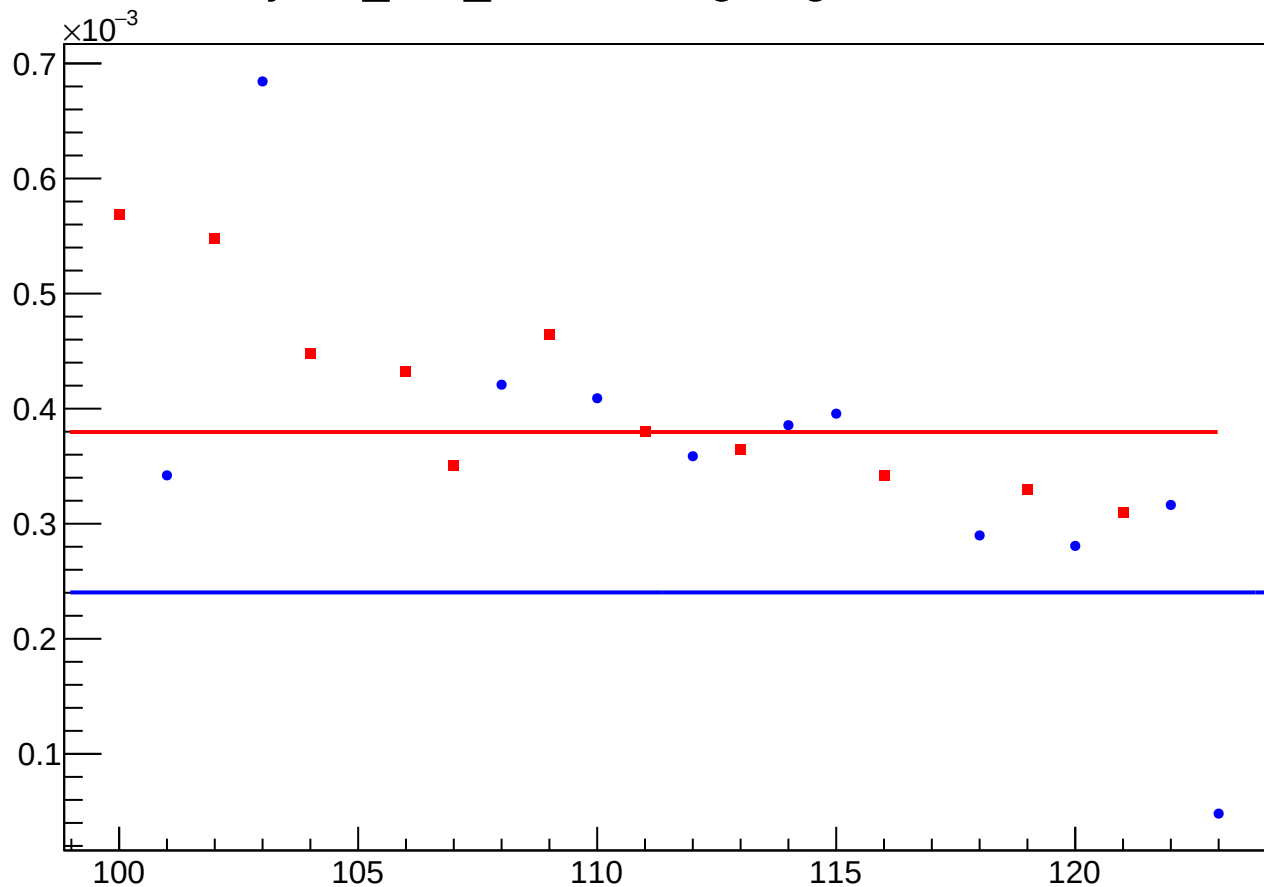
Right: 0.034+/-0.000 χ^2/NDF : 21796120563.0/21

In: 0.028+/-0.000 χ^2/NDF : 16889165651.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.000 χ^2/NDF : 21796120563.0/21

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2260707.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 253472.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

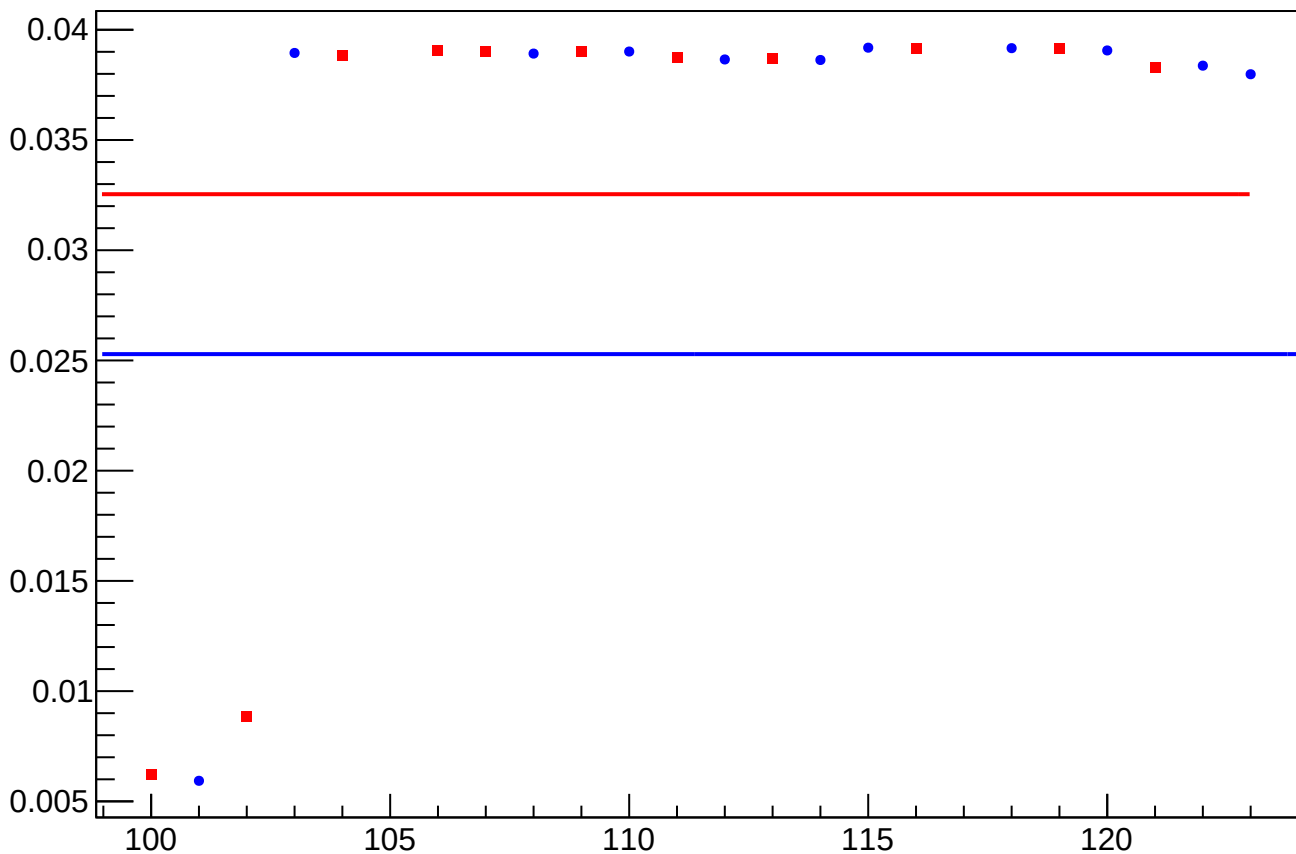
Right: 0.000+/-0.000 χ^2/NDF : 3179874.1/21

In: 0.000+/-0.000 χ^2/NDF : 2260707.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3179874.1/21

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000

χ^2/NDF : 87173249470.4/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.029+/-0.000

χ^2/NDF : 138501919059.2/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.025+/-0.000

χ^2/NDF : 87173249470.4/10

Right Out: 0.033+/-0.000

χ^2/NDF : 43270791256.8/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

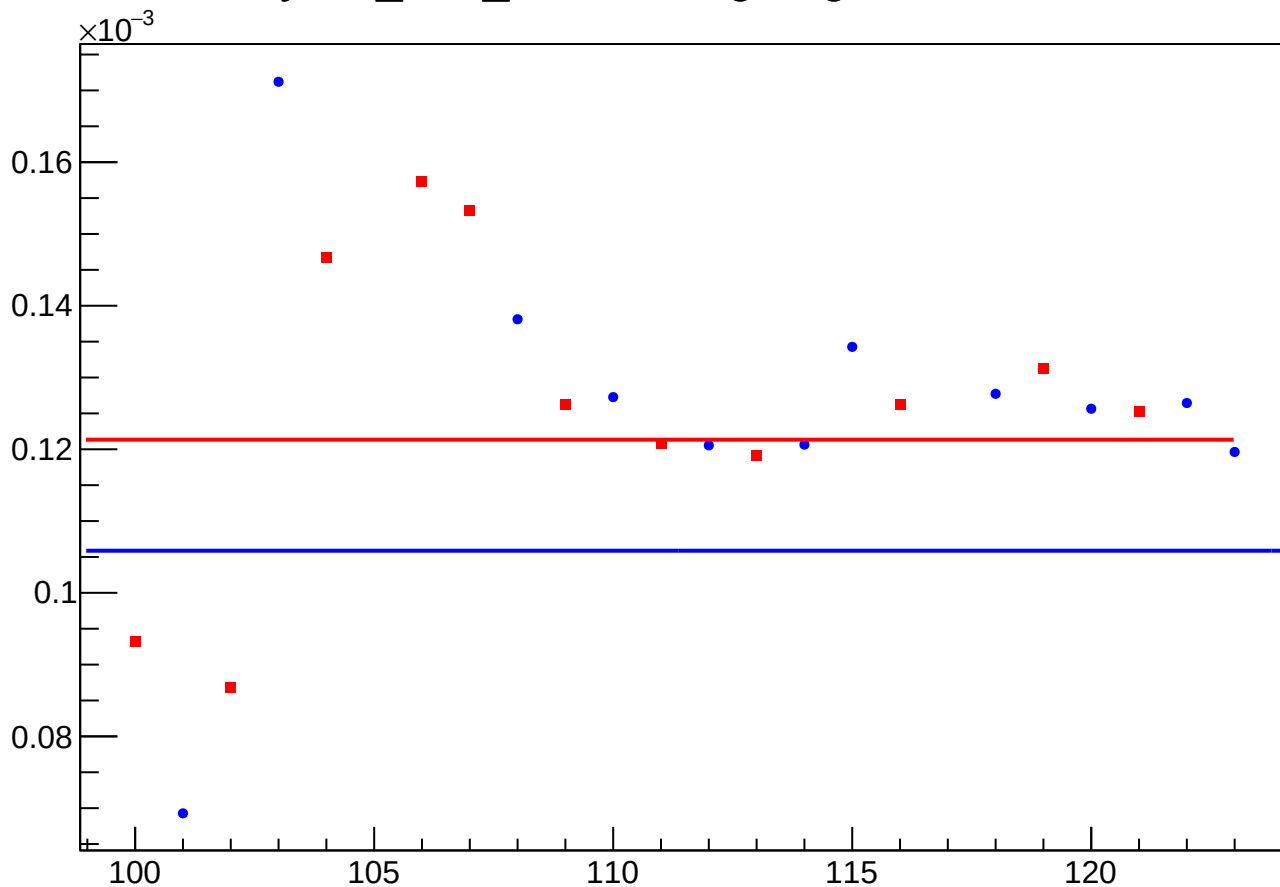
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.029+/-0.000

χ^2/NDF : 138501919059.2

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 705091.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226669.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

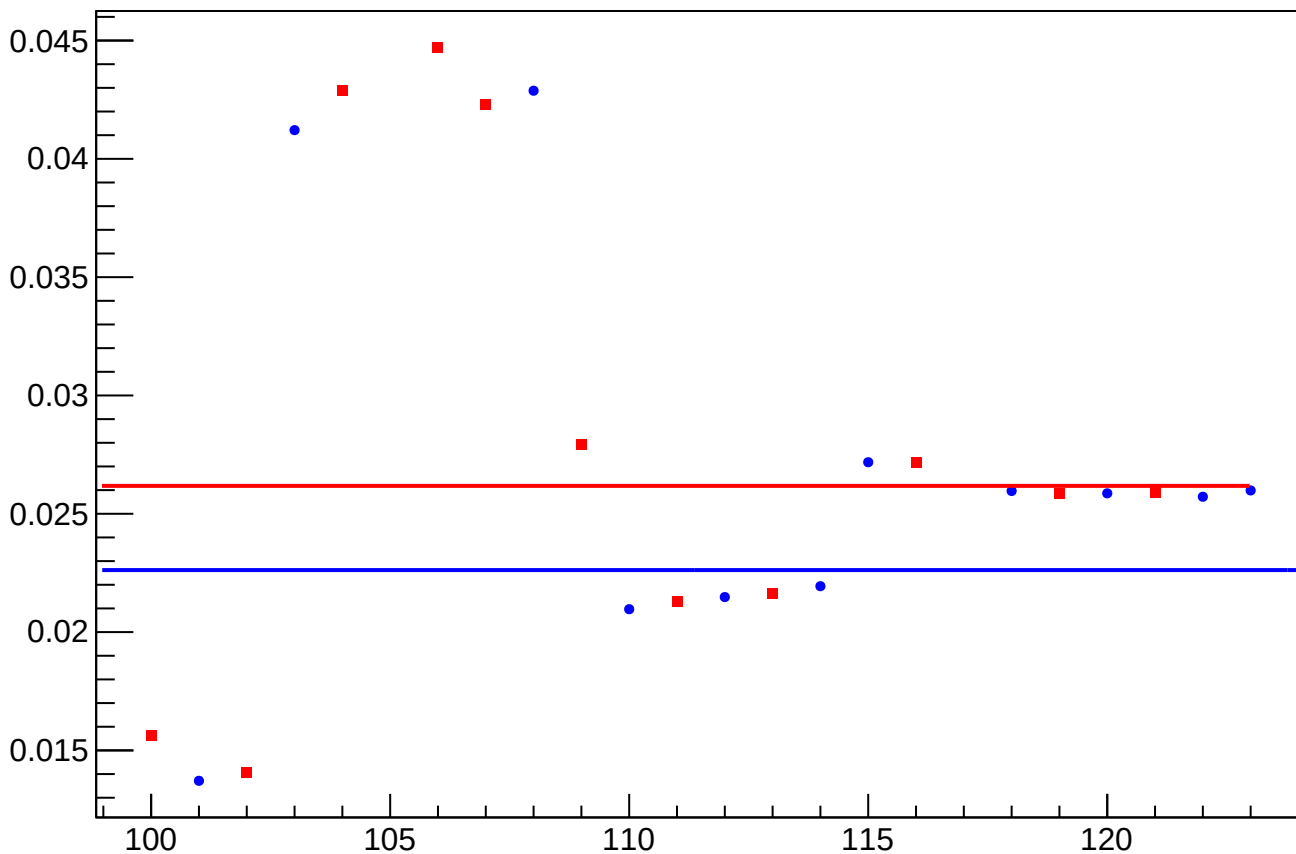
Right: 0.000+/-0.000 χ^2/NDF : 1005031.1/21

In: 0.000+/-0.000 χ^2/NDF : 705091.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1005031.1/21

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3409422099.5/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.024+/-0.000

χ^2/NDF : 6950415805.0/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.023+/-0.000

χ^2/NDF : 3409422099.5/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000

χ^2/NDF : 3231151709.2/10

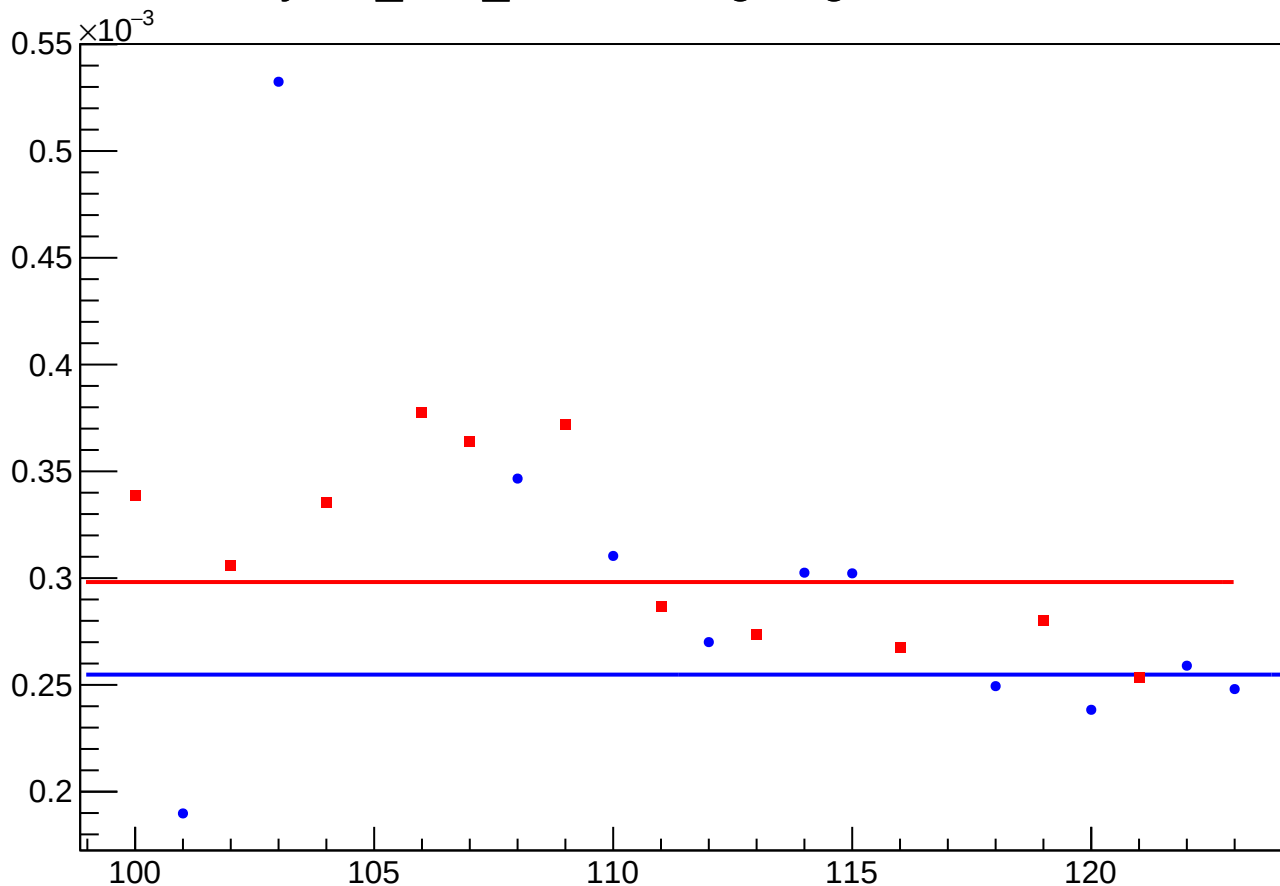
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6950415805.0/21

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 529764.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 129601.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

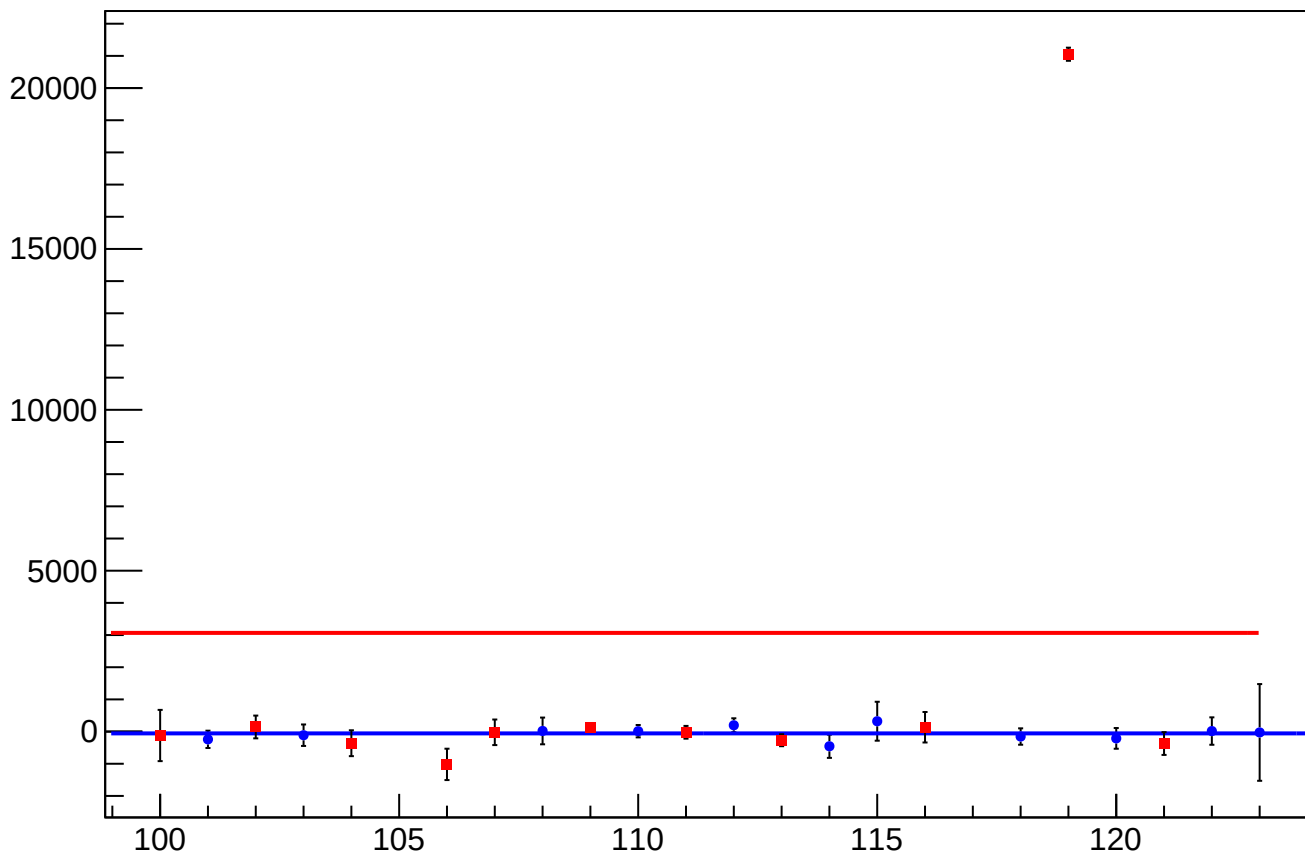
Right: 0.000+/-0.000 χ^2/NDF : 751293.5/21

In: 0.000+/-0.000 χ^2/NDF : 529764.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 751293.5/21

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -56.320+/-91.926 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3066.999+/-78.654 χ^2/NDF : 9153.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

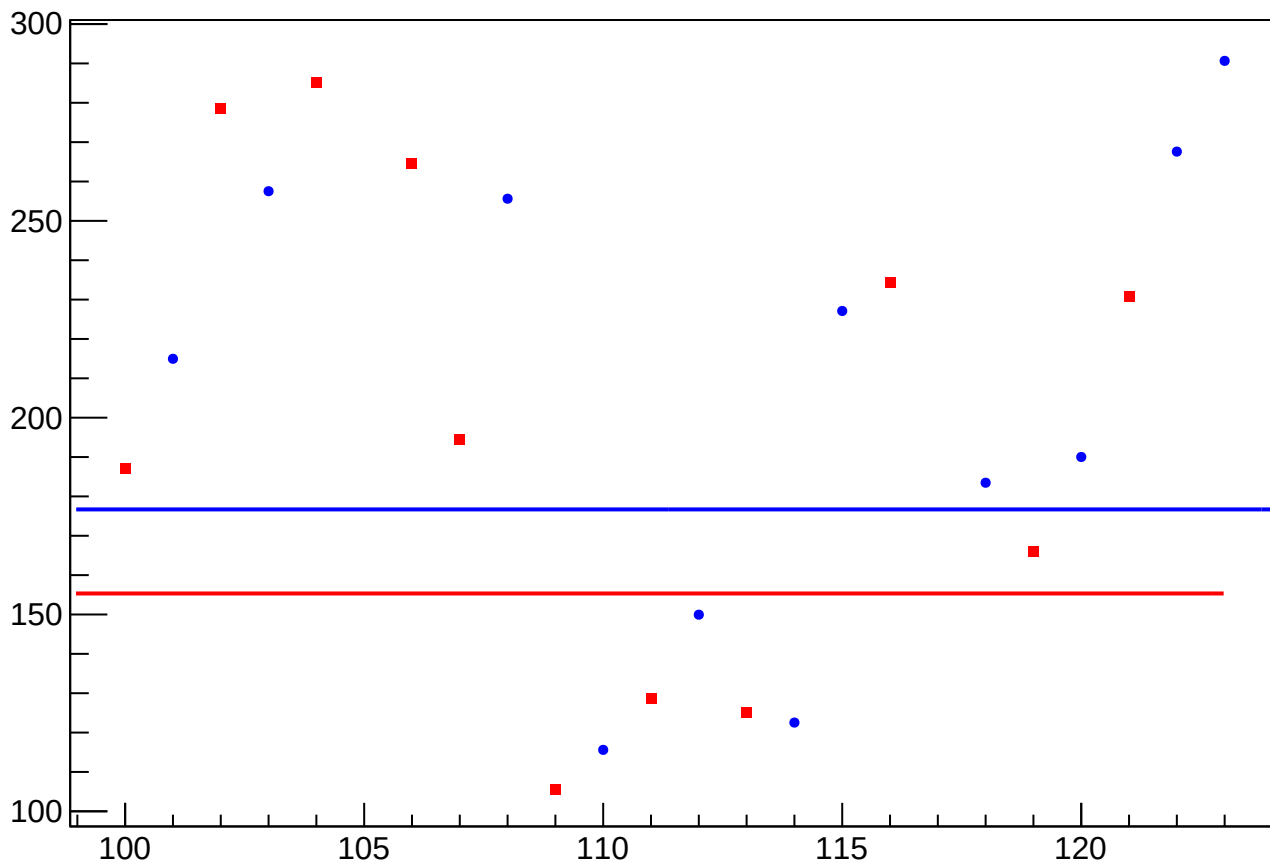
Right: 1746.873+/-59.763 χ^2/NDF : 9824.4/21

In: -56.320+/-91.926 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1746.873+/-59.763 χ^2/NDF : 9824.4/21

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.693+/-0.065 χ^2/NDF : 628274.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.341+/-0.056 χ^2/NDF : 1035230.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

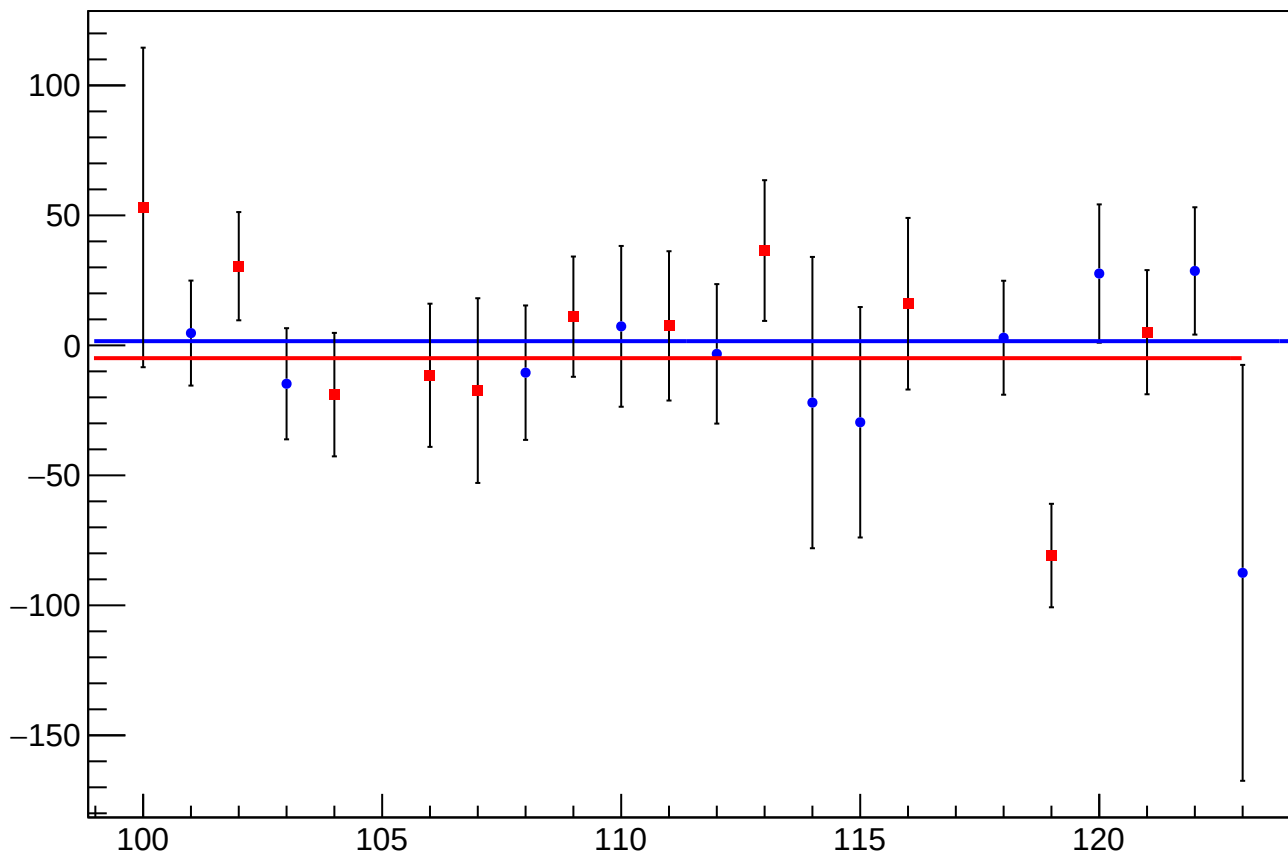
Right: 164.366+/-0.042 χ^2/NDF : 1725801.6/21

In: 176.693+/-0.065 χ^2/NDF : 628274.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.366+/-0.042 χ^2/NDF : 1725801.6/21

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.618+/-8.243 χ^2/NDF : 5.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.922+/-7.882 χ^2/NDF : 22.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

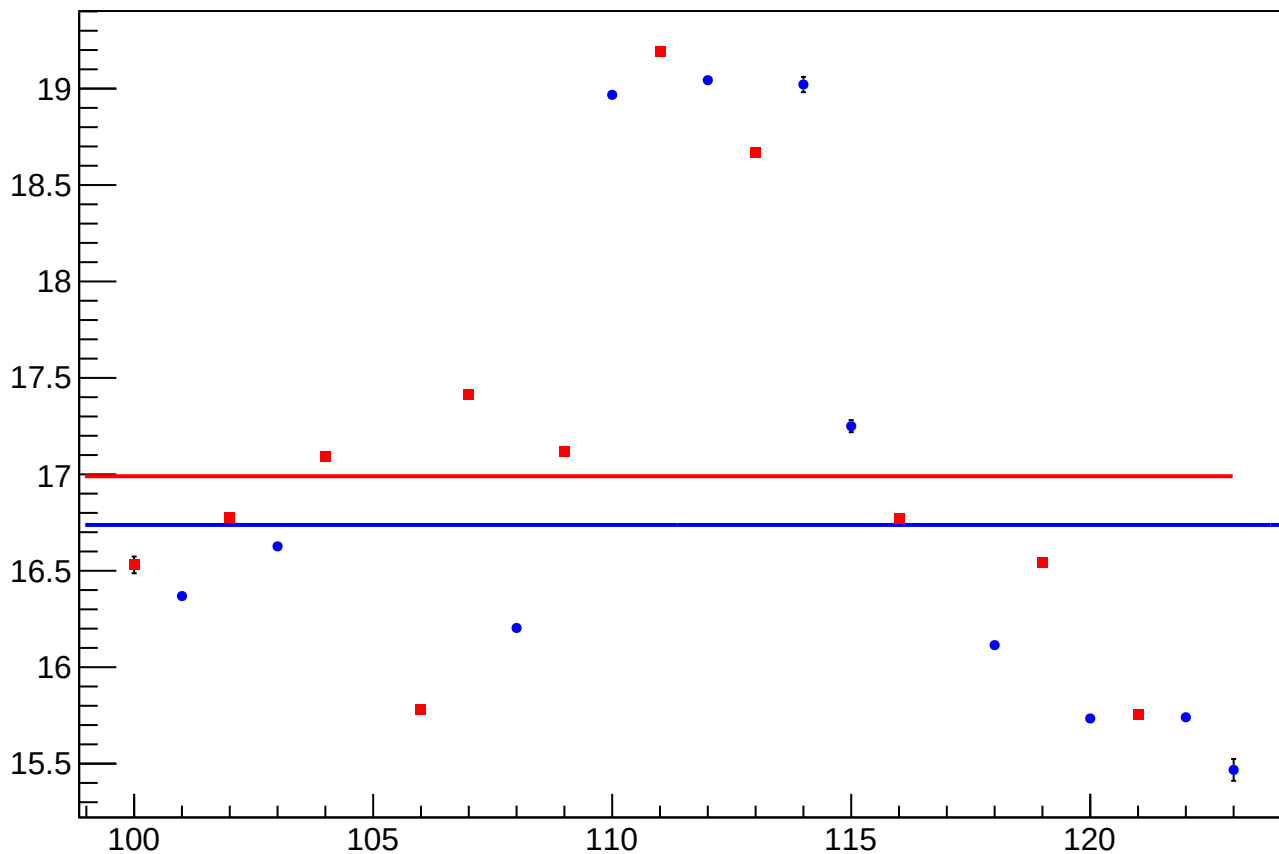
Right: -1.798+/-5.697 χ^2/NDF : 27.8/21

In: 1.618+/-8.243 χ^2/NDF : 5.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.798+/-5.697 χ^2/NDF : 27.8/21

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.738+/-0.006 χ^2/NDF : 38620.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.990+/-0.006 χ^2/NDF : 30469.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

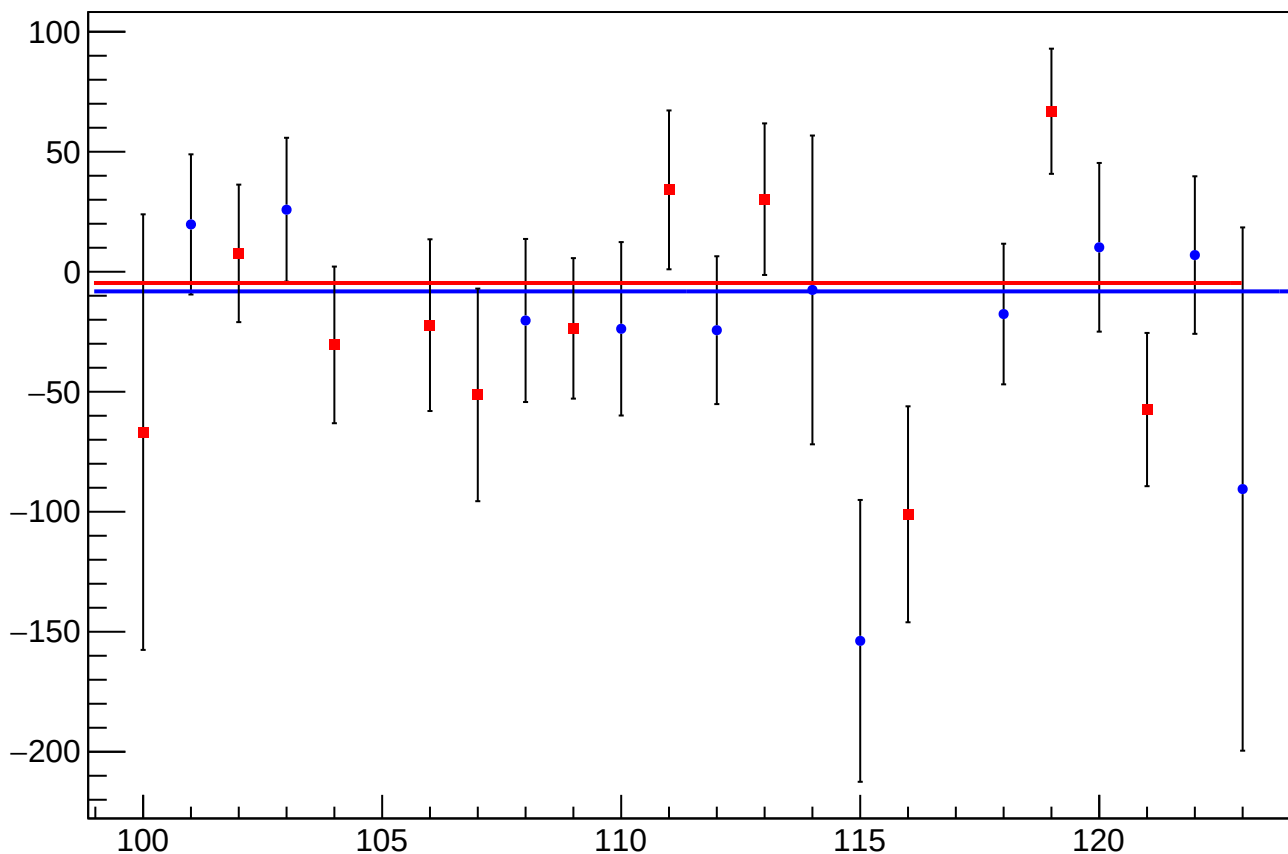
Right: 16.870+/-0.004 χ^2/NDF : 70070.1/21

In: 16.738+/-0.006 χ^2/NDF : 38620.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.870+/-0.004 χ^2/NDF : 70070.1/21

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.181 ± 10.852 χ^2/NDF : 10.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.684 ± 10.207 χ^2/NDF : 20.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

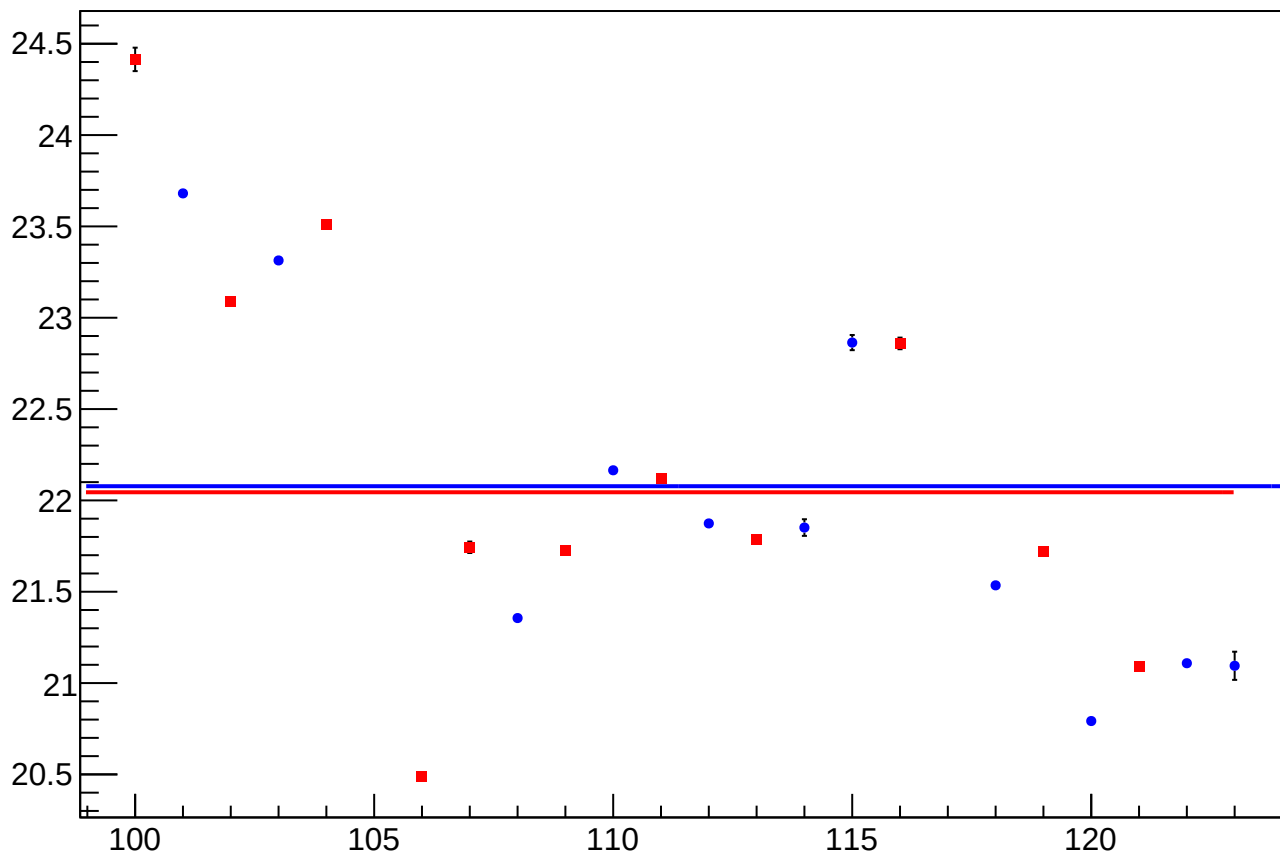
Right: -6.325 ± 7.435 χ^2/NDF : 30.6/21

In: -8.181 ± 10.852 χ^2/NDF : 10.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.325 ± 7.435 χ^2/NDF : 30.6/21

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.078+/-0.008 χ^2/NDF : 16081.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.045+/-0.007 χ^2/NDF : 15067.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

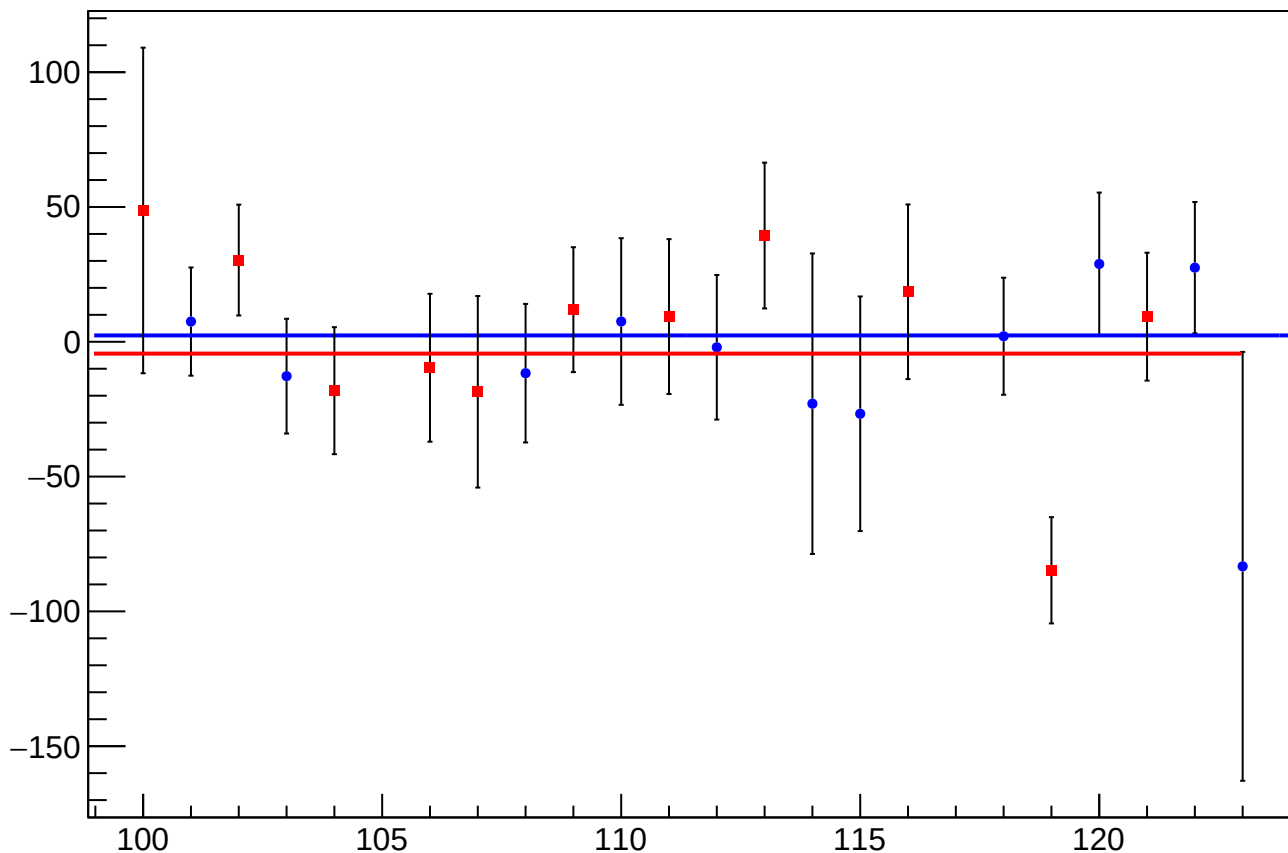
Right: 22.060+/-0.005 χ^2/NDF : 31158.4/21

In: 22.078+/-0.008 χ^2/NDF :16081.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.060+/-0.005 χ^2/NDF : 31158.4/21

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.355+/-8.197 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.386+/-7.830 χ^2/NDF : 25.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

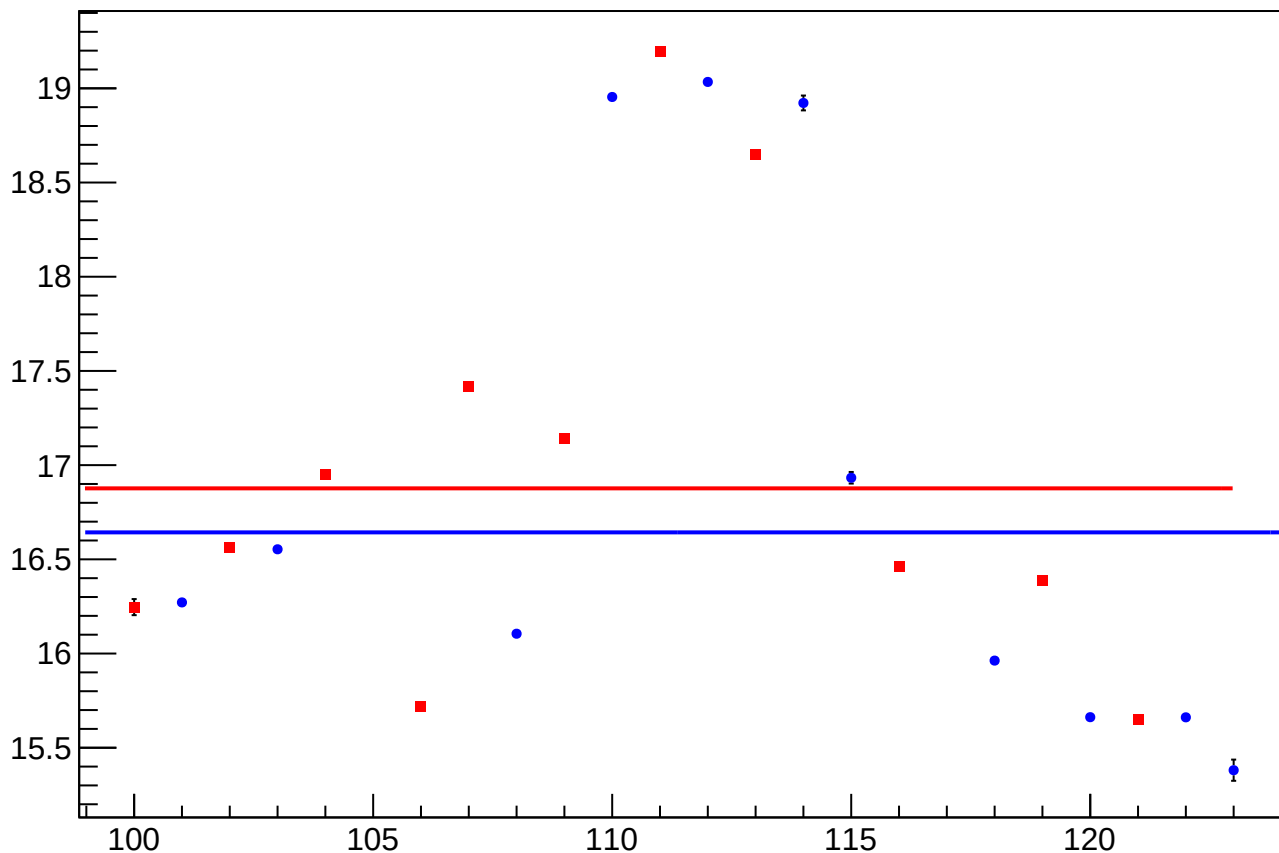
Right: -1.170+/-5.662 χ^2/NDF : 30.1/21

In: 2.355+/-8.197 χ^2/NDF :4.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.170+/-5.662 χ^2/NDF : 30.1/21

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.643+/-0.006 χ^2/NDF : 40574.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.877+/-0.006 χ^2/NDF : 33542.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

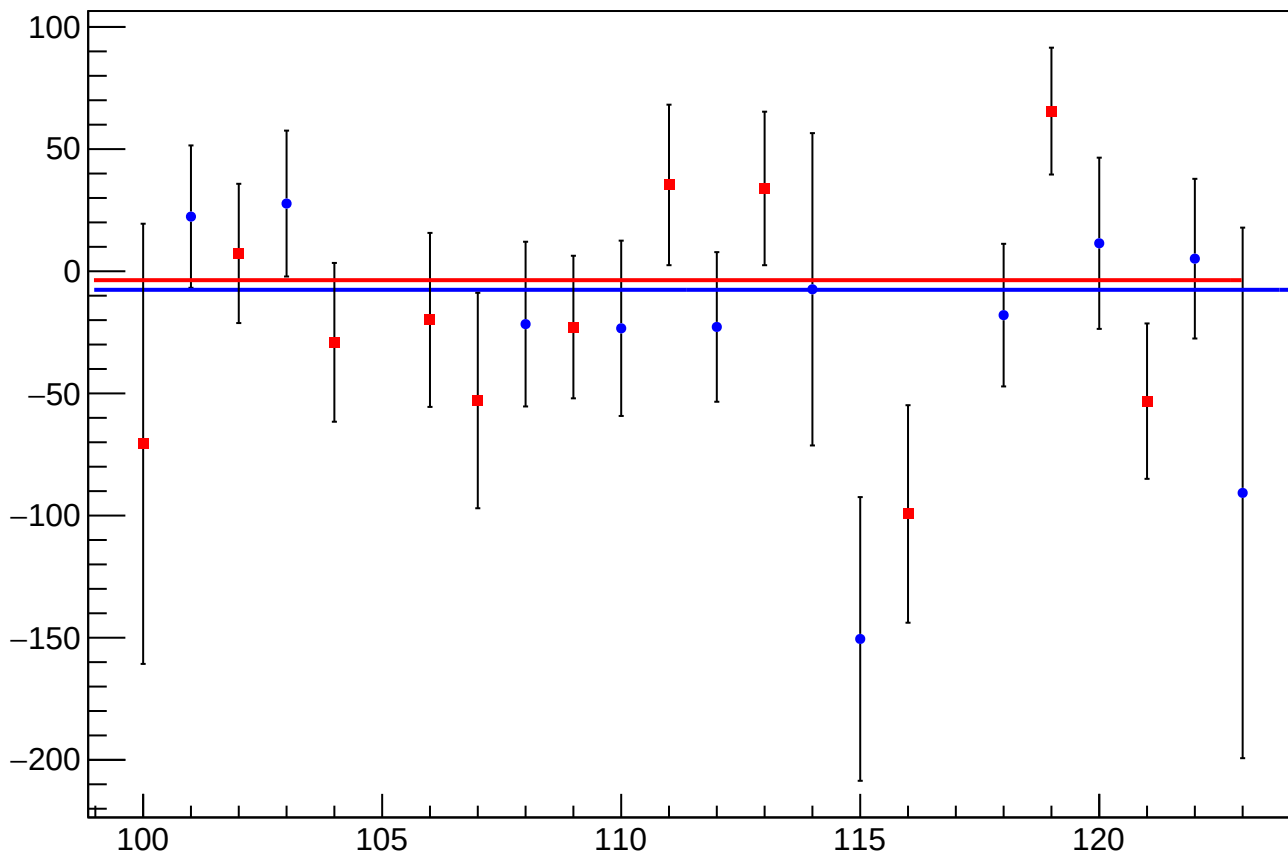
Right: 16.765+/-0.004 χ^2/NDF : 74966.4/21

In: 16.643+/-0.006 χ^2/NDF : 40574.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.765+/-0.004 χ^2/NDF : 74966.4/21

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.594+/-10.800 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.647+/-10.156 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

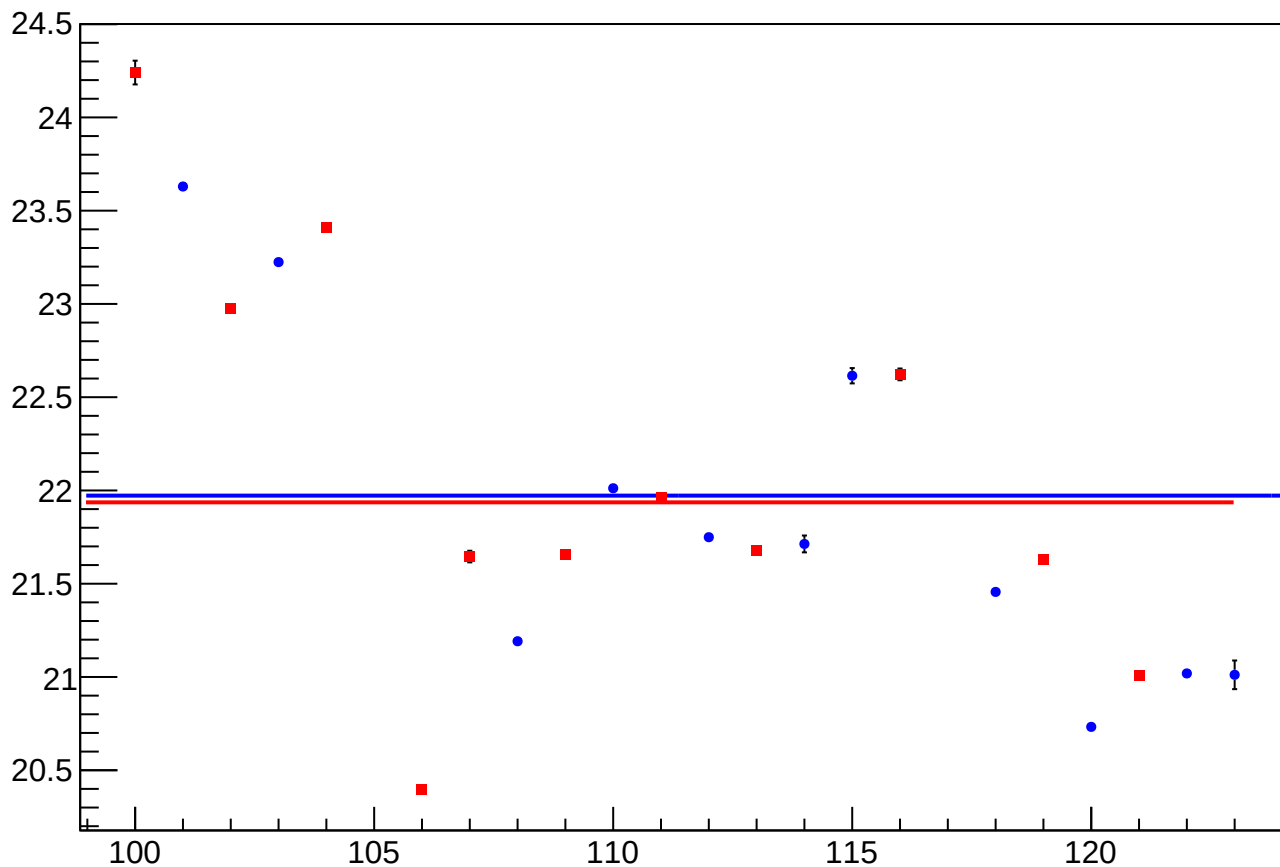
Right: -5.499+/-7.399 χ^2/NDF : 30.5/21

In: -7.594+/-10.800 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.499+/-7.399 χ^2/NDF : 30.5/21

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.972 $\pm$ 0.008 χ^2 /NDF: 16431.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.936 $\pm$ 0.007 χ^2 /NDF: 14676.9/10

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

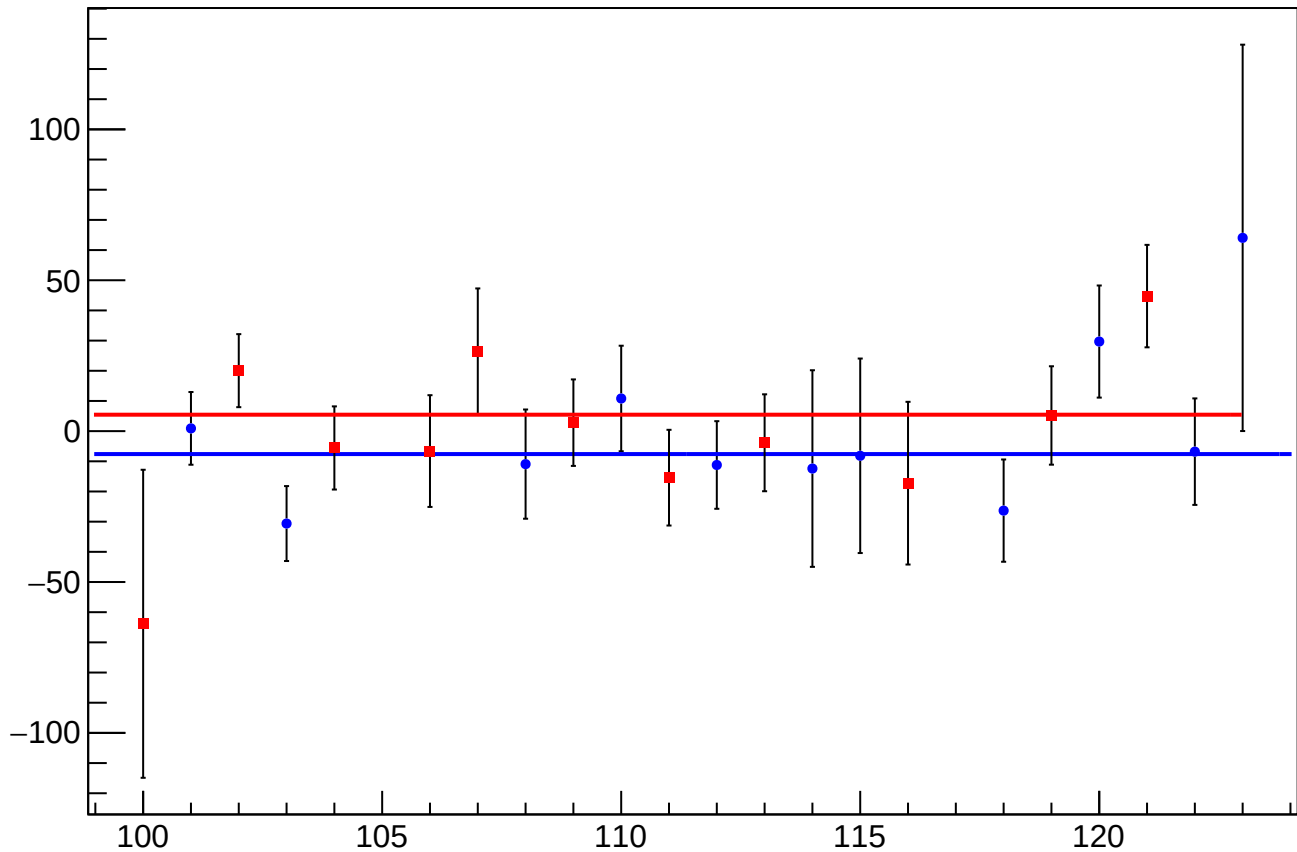
Right: 21.953 $\pm$ 0.005 χ^2 /NDF: 31119.9/21

In: 21.972 $\pm$ 0.008 χ^2 /NDF:16431.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.953 $\pm$ 0.005 χ^2 /NDF: 31119.9/21

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.601+/-5.257 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.447+/-5.063 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

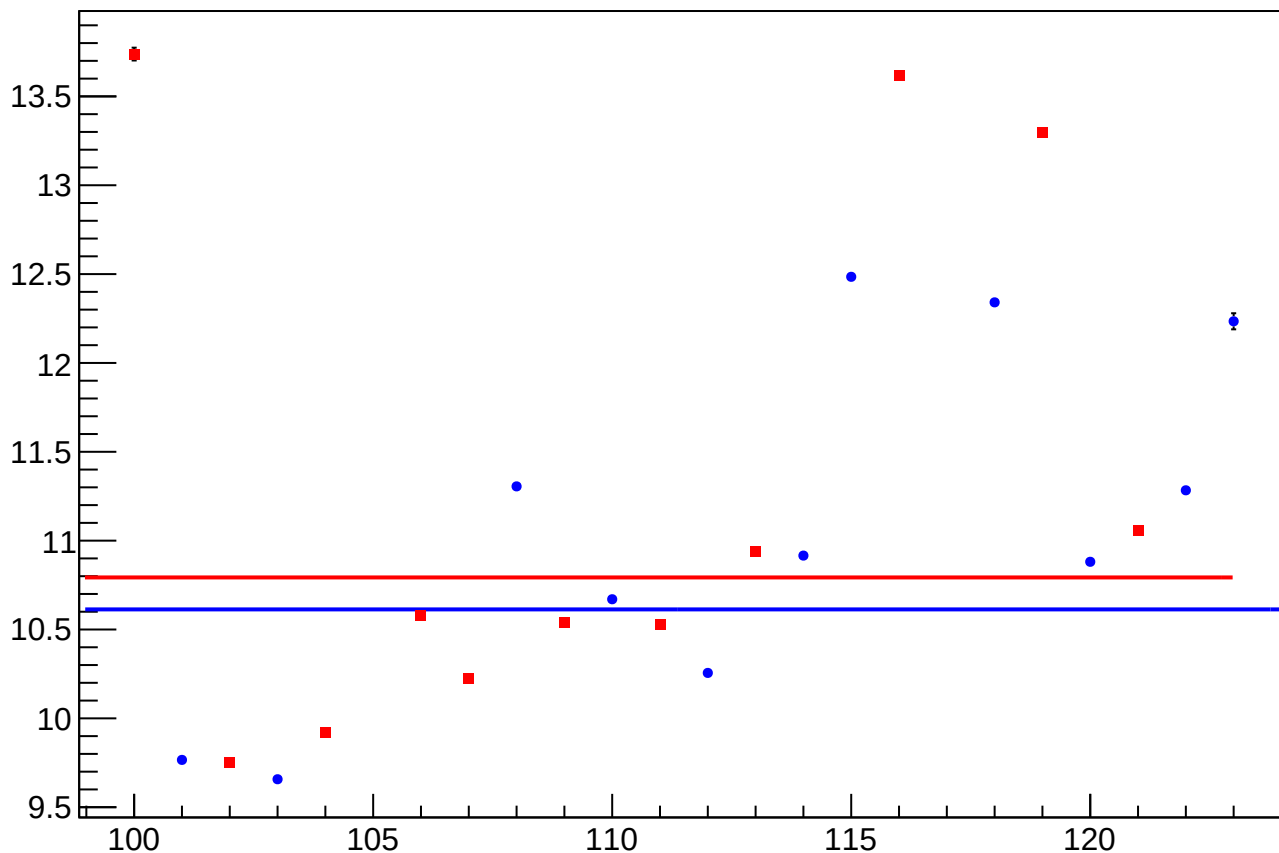
Right: -0.832+/-3.647 χ^2/NDF : 28.4/21

In: -7.601+/-5.257 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.832+/-3.647 χ^2/NDF : 28.4/21

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.613+/-0.004 χ^2/NDF : 58187.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.793+/-0.004 χ^2/NDF : 102231.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

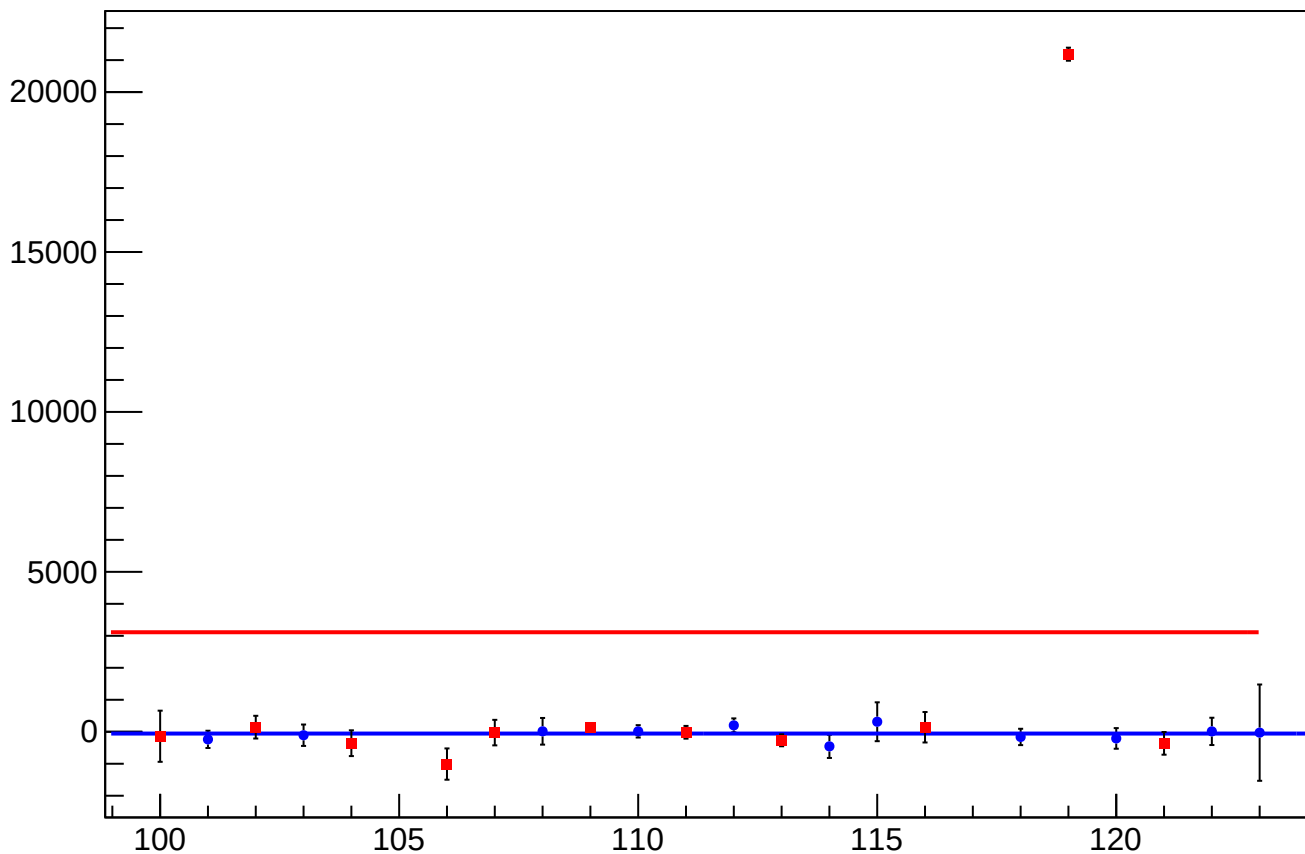
Right: 10.706+/-0.003 χ^2/NDF : 161634.2/21

In: 10.613+/-0.004 χ^2/NDF : 58187.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.706+/-0.003 χ^2/NDF : 161634.2/21

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -56.126+/-92.250 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3111.598+/-78.935 χ^2/NDF : 9253.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

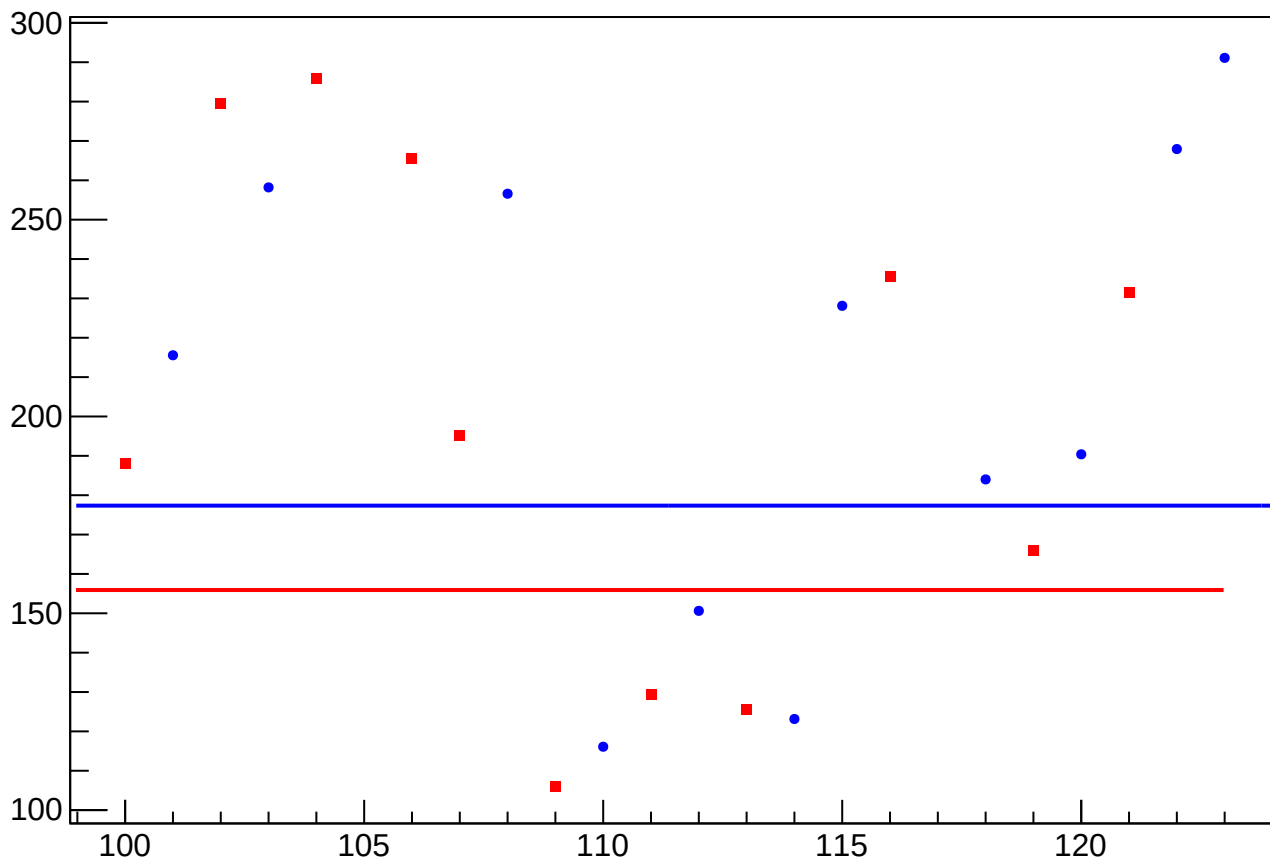
Right: 1772.653+/-59.976 χ^2/NDF : 9938.3/21

In: -56.126+/-92.250 χ^2/NDF : 4.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1772.653+/-59.976 χ^2/NDF : 9938.3/21

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.351+/-0.065 χ^2/NDF : 624936.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.913+/-0.056 χ^2/NDF : 1032075.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

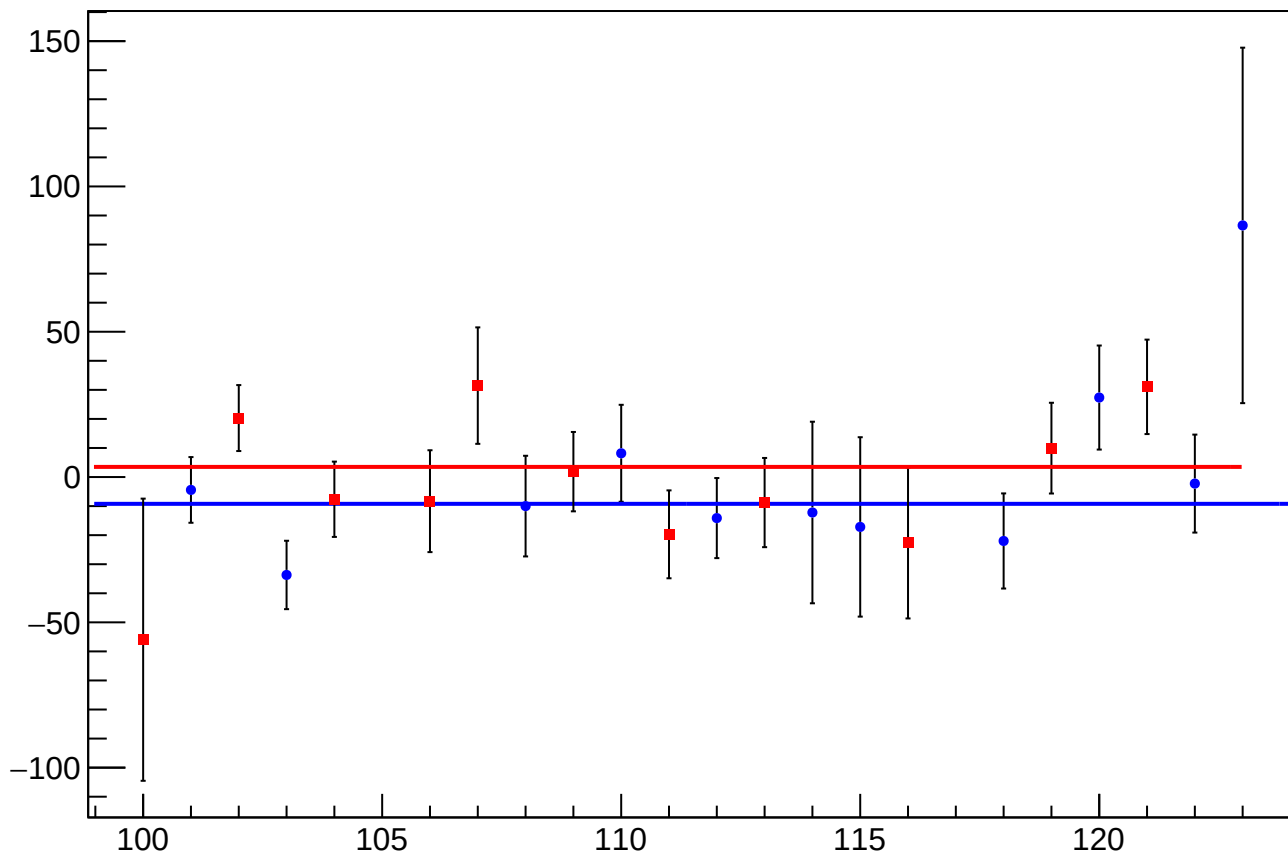
Right: 164.975+/-0.042 χ^2/NDF : 1719367.1/21

In: 177.351+/-0.065 χ^2/NDF : 624936.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.975+/-0.042 χ^2/NDF : 1719367.1/21

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.220+/-5.003 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.489+/-4.809 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

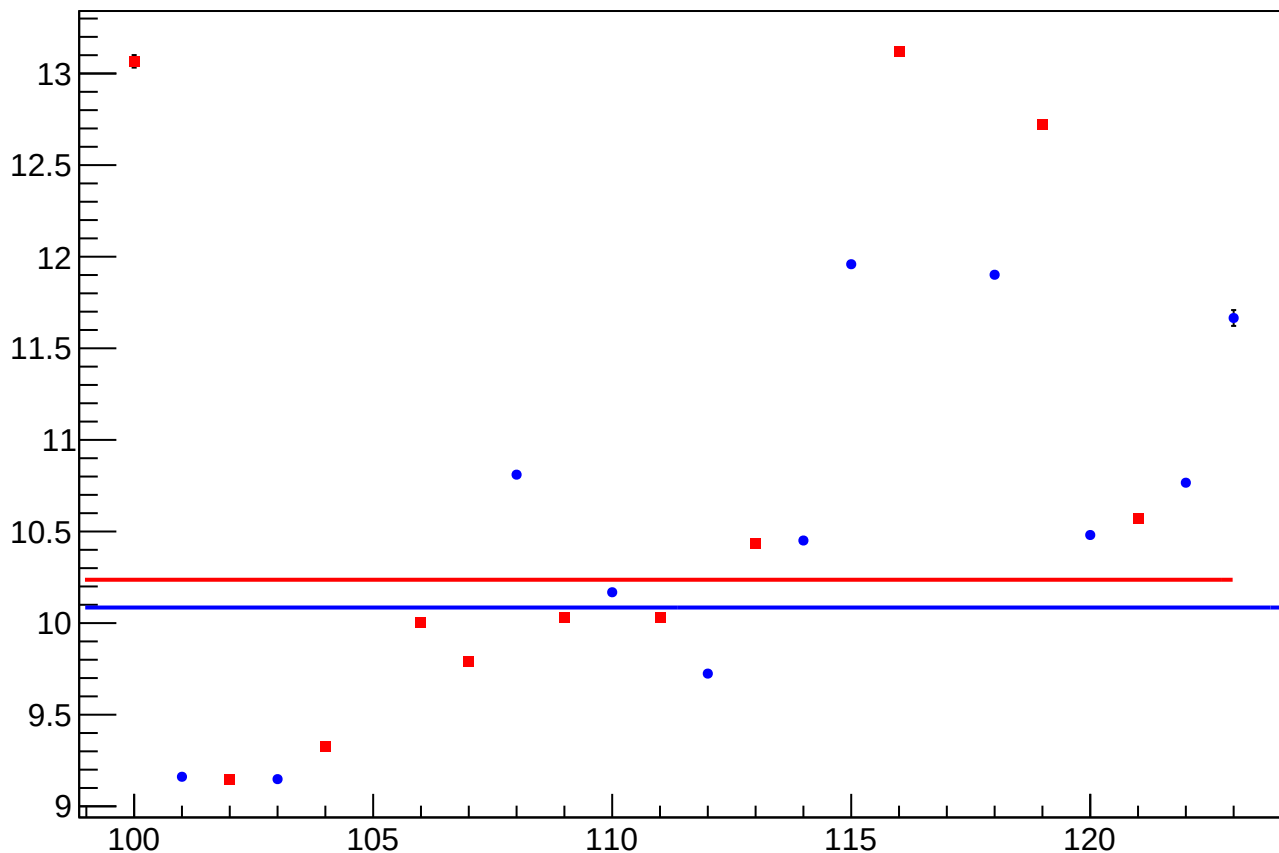
Right: -2.615+/-3.467 χ^2/NDF : 30.5/21

In: -9.220+/-5.003 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.615+/-3.467 χ^2/NDF : 30.5/21

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.085+/-0.004 χ^2/NDF : 68824.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.237+/-0.003 χ^2/NDF : 113720.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

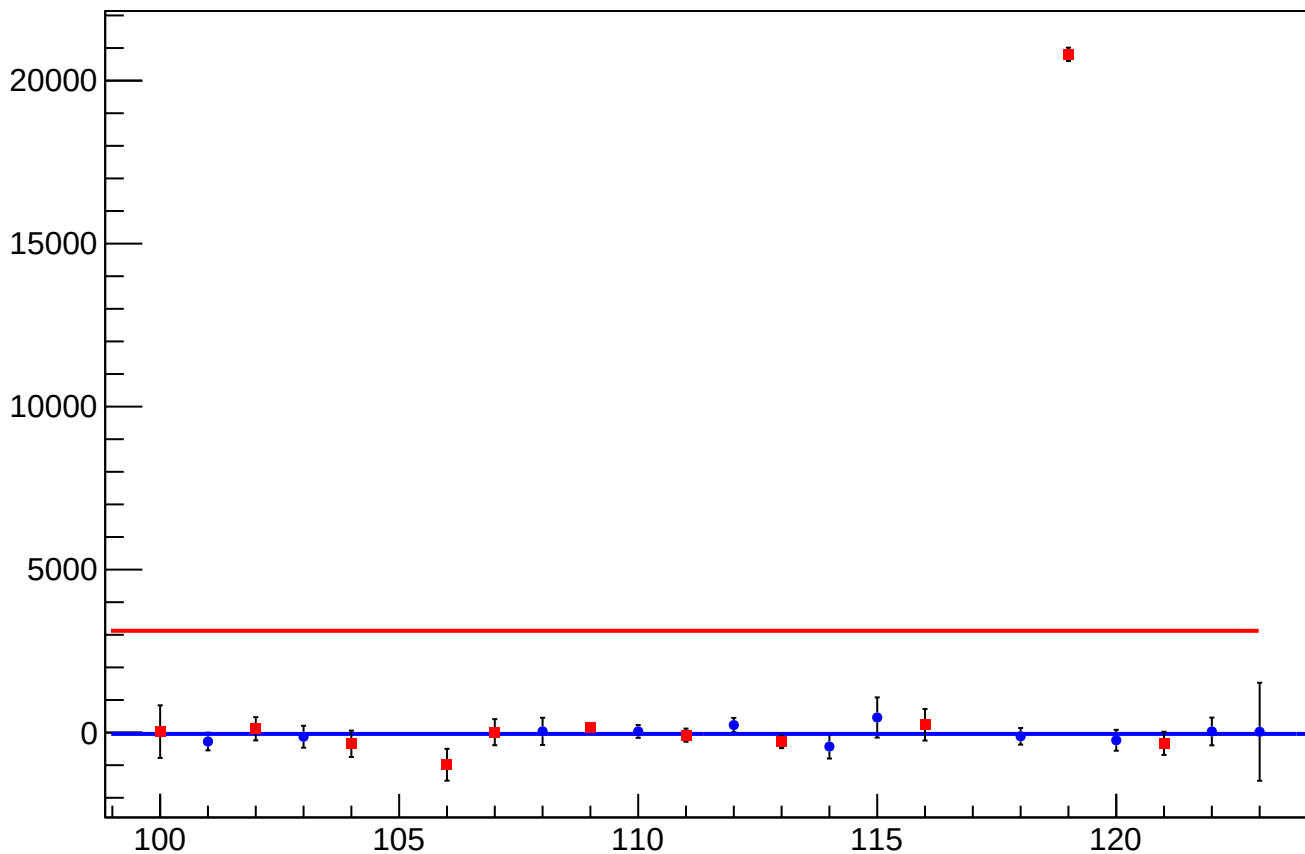
Right: 10.164+/-0.002 χ^2/NDF : 183499.4/21

In: 10.085+/-0.004 χ^2/NDF : 68824.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.164+/-0.002 χ^2/NDF : 183499.4/21

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -40.505 ± 92.892 χ^2/NDF : 4.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3122.908 ± 79.757 χ^2/NDF : 8904.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

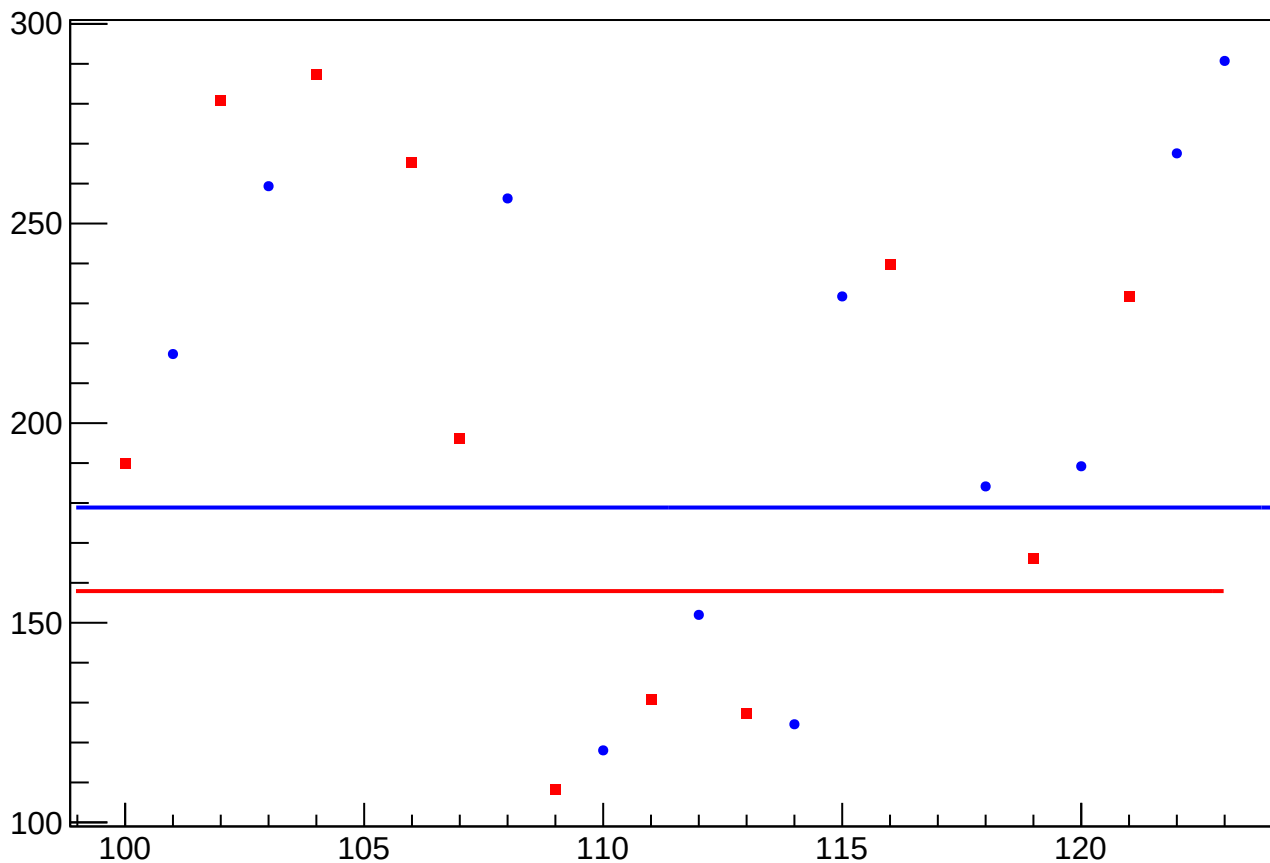
Right: 1780.494 ± 60.512 χ^2/NDF : 9576.8/21

In: -40.505 ± 92.892 χ^2/NDF : 4.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1780.494 ± 60.512 χ^2/NDF : 9576.8/21

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.867 $\pm$ 0.066 χ^2 /NDF: 604925.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.934 $\pm$ 0.056 χ^2 /NDF: 1003941.2/10

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

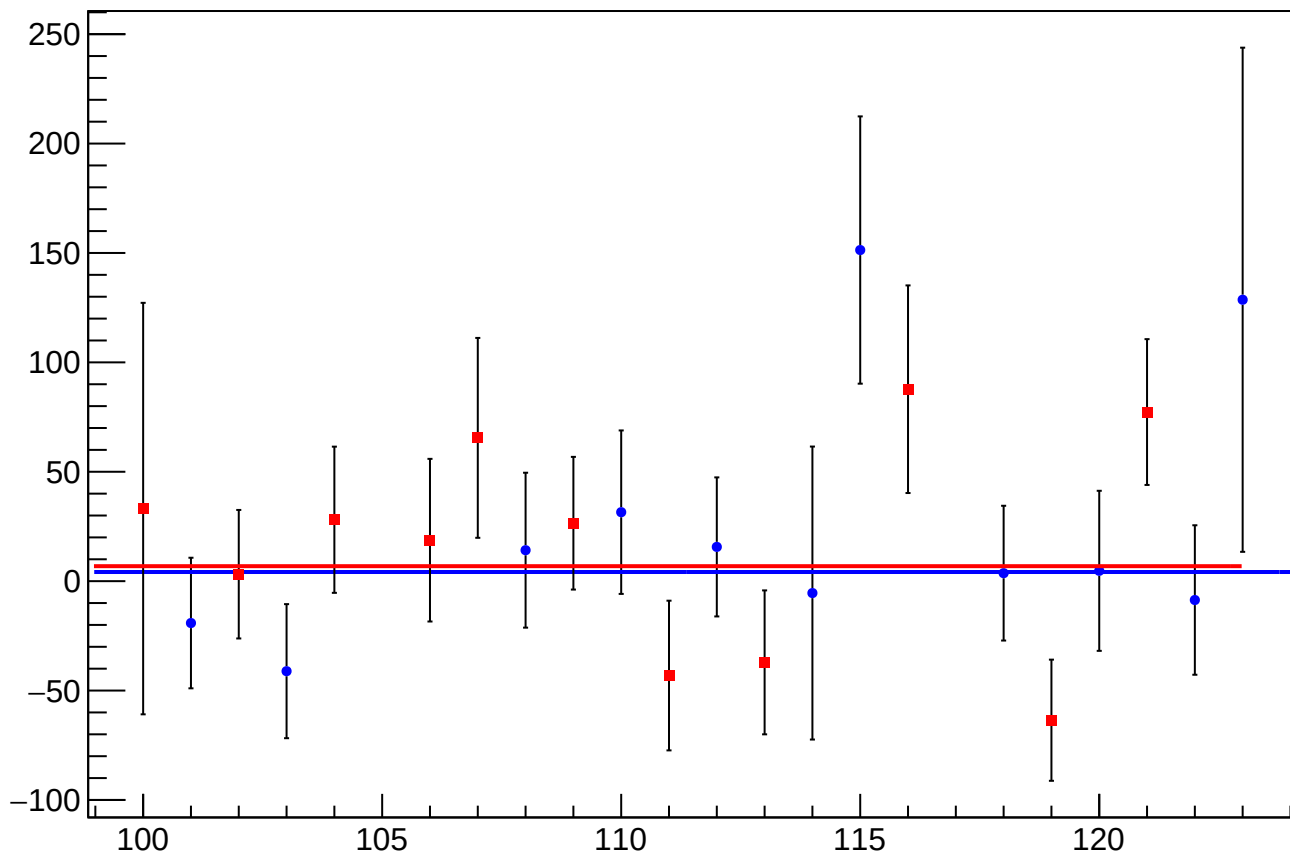
Right: 166.817 $\pm$ 0.043 χ^2 /NDF: 1667328.4/21

In: 178.867 $\pm$ 0.066 χ^2 /NDF:604925.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.817 $\pm$ 0.043 χ^2 /NDF: 1667328.4/21

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.184+/-11.238 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.847+/-10.607 χ^2/NDF : 20.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

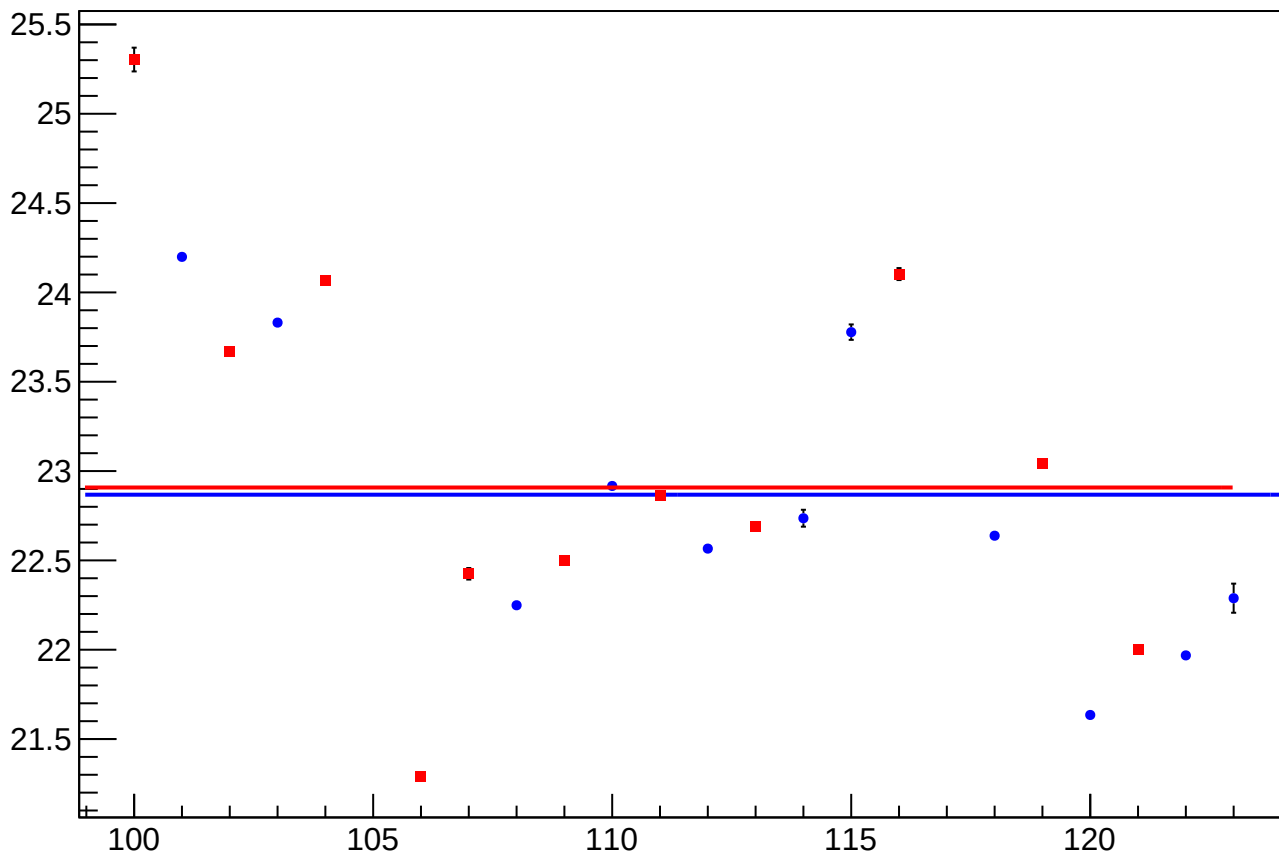
Right: 5.592+/-7.714 χ^2/NDF : 31.1/21

In: 4.184+/-11.238 χ^2/NDF :10.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.592+/-7.714 χ^2/NDF : 31.1/21

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.868+/-0.008 χ^2/NDF : 11024.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.908+/-0.008 χ^2/NDF : 12301.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

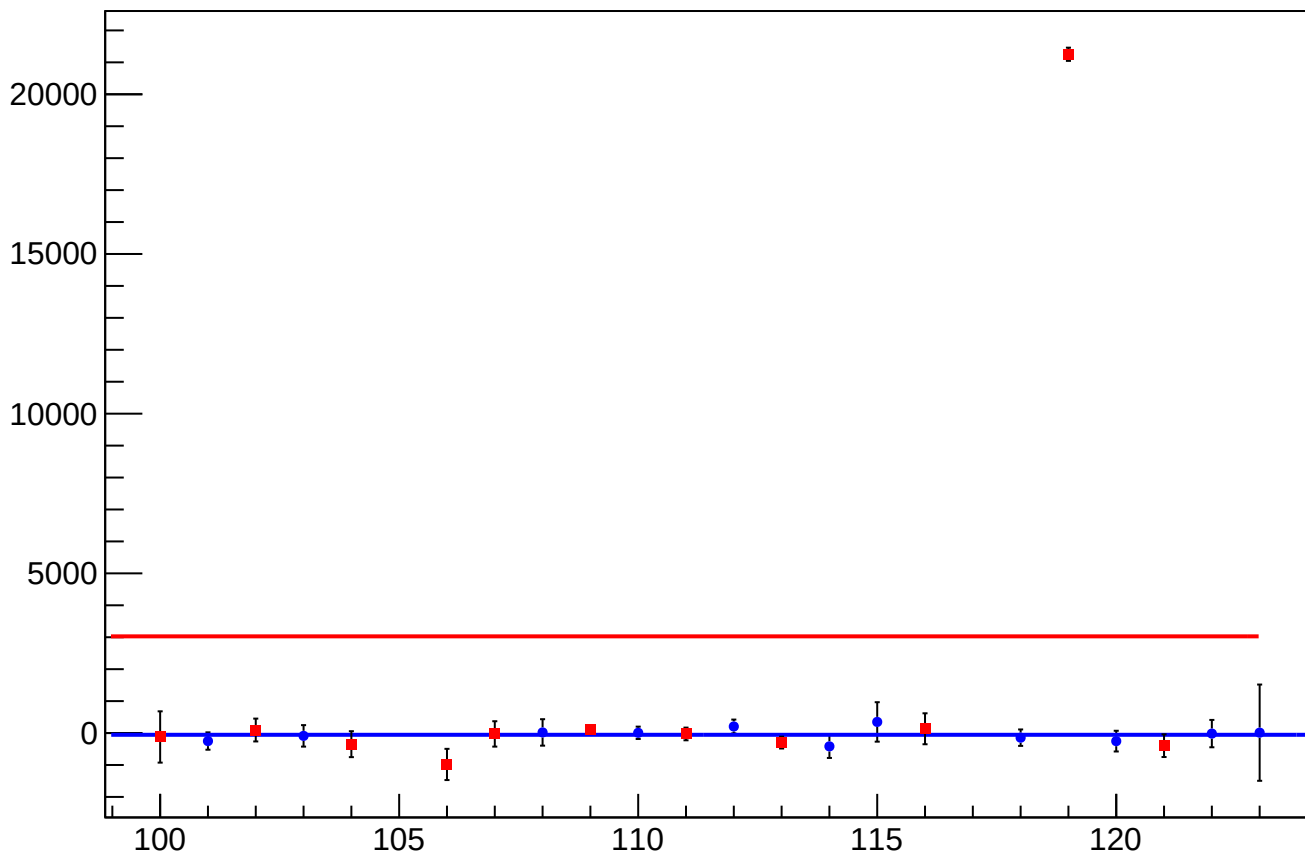
Right: 22.889+/-0.005 χ^2/NDF : 23340.3/21

In: 22.868+/-0.008 χ^2/NDF : 11024.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.889+/-0.005 χ^2/NDF : 23340.3/21

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -54.681+/-92.428 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3027.654+/-79.128 χ^2/NDF : 9105.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

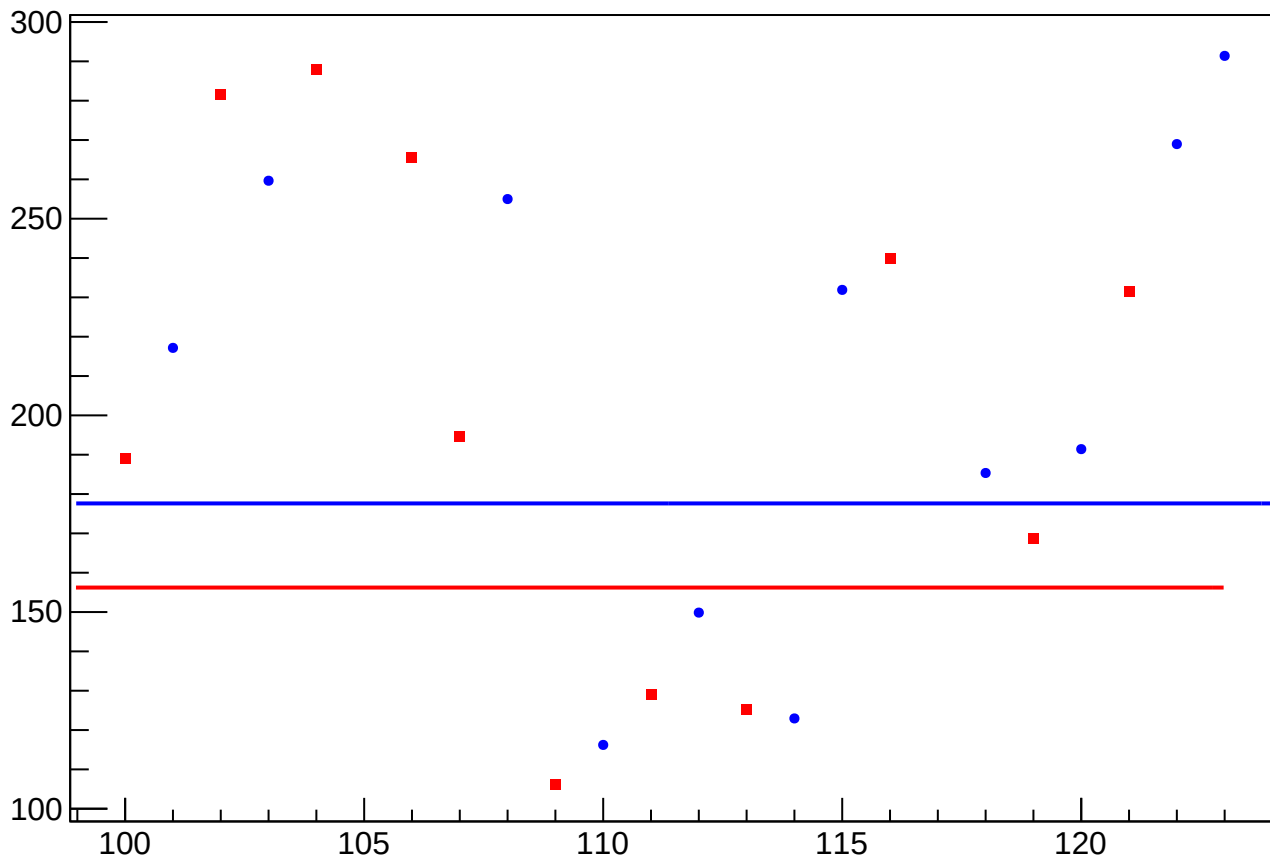
Right: 1724.007+/-60.109 χ^2/NDF : 9751.5/21

In: -54.681+/-92.428 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1724.007+/-60.109 χ^2/NDF : 9751.5/21

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.615+/-0.065 χ^2/NDF : 634334.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.226+/-0.056 χ^2/NDF : 1047330.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

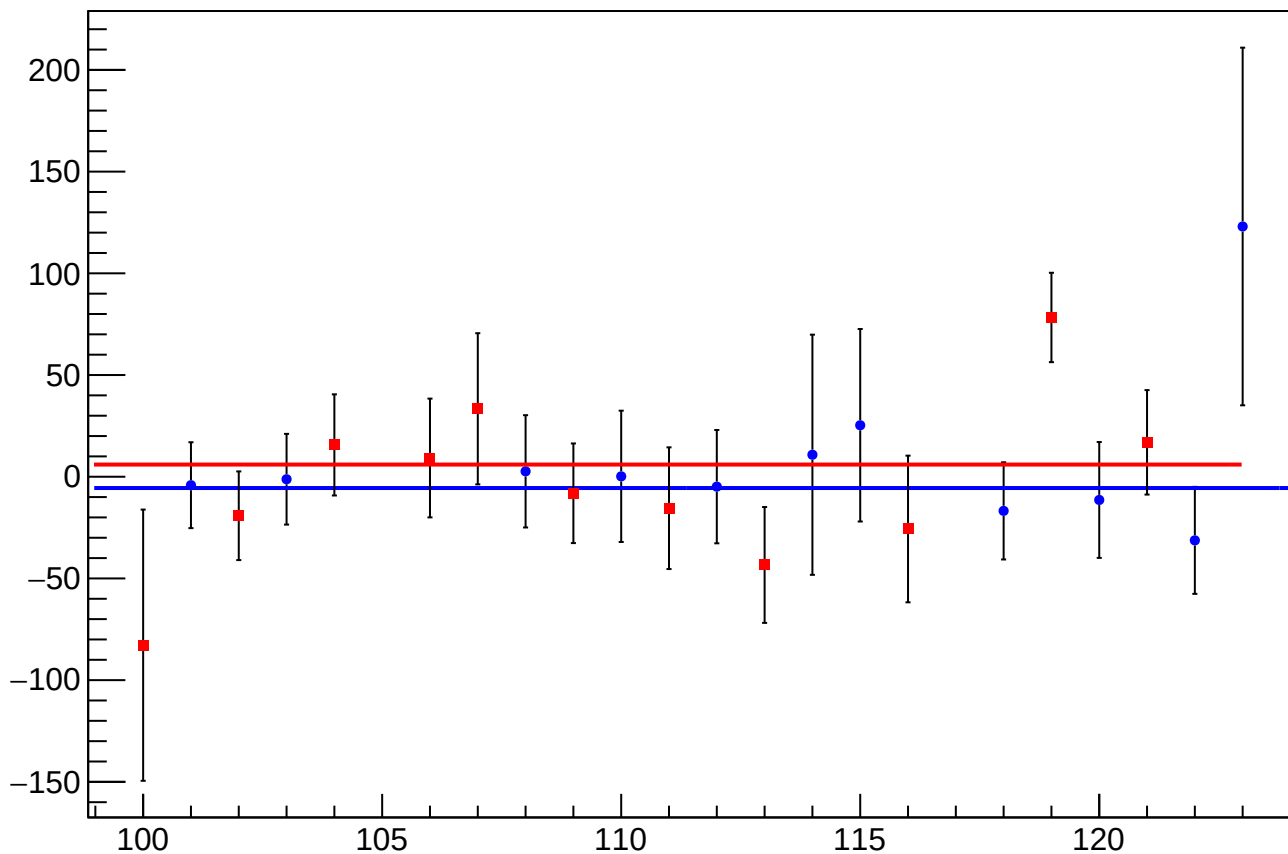
Right: 165.272+/-0.043 χ^2/NDF : 1743469.5/21

In: 177.615+/-0.065 χ^2/NDF : 634334.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.272+/-0.043 χ^2/NDF : 1743469.5/21

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.553+/-8.734 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.983+/-8.386 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

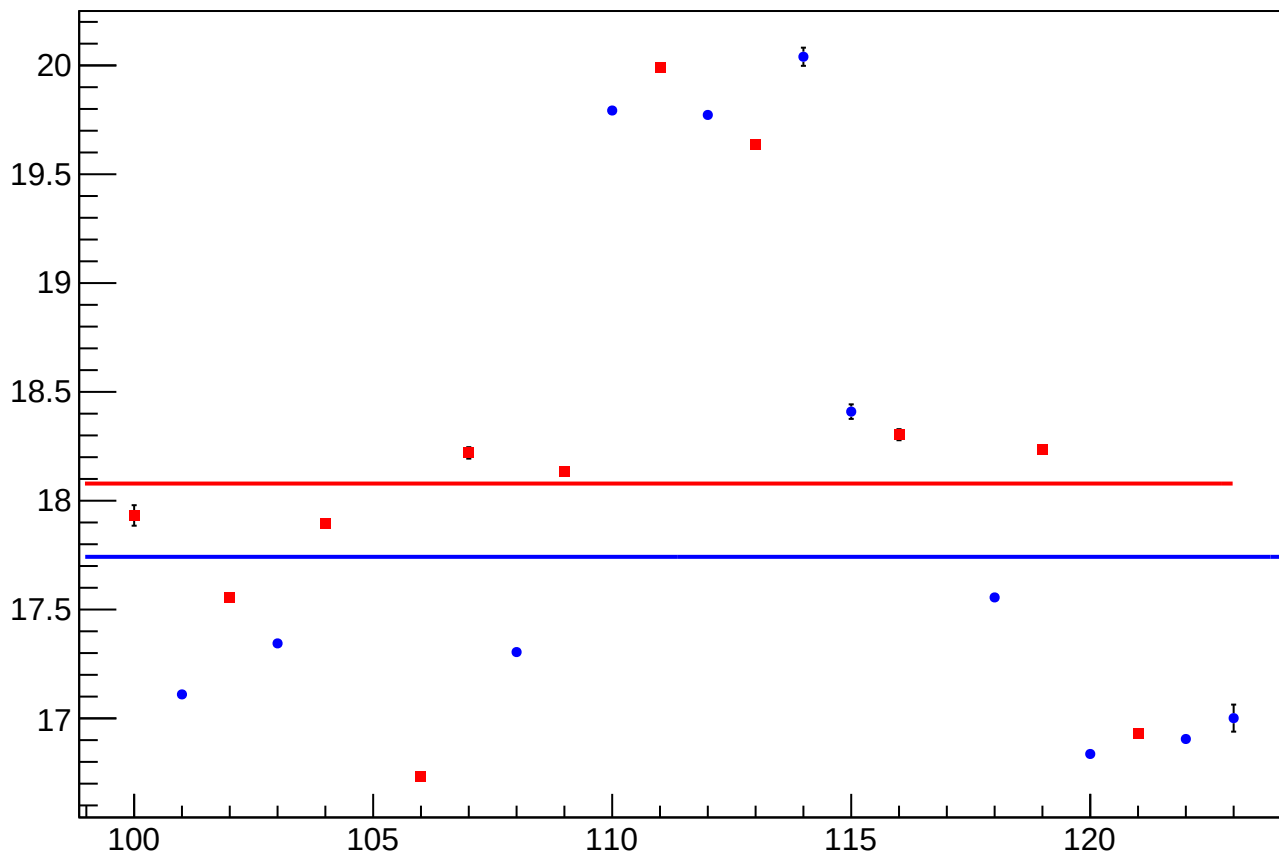
Right: 0.449+/-6.049 χ^2/NDF : 24.4/21

In: -5.553+/-8.734 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.449+/-6.049 χ^2/NDF : 24.4/21

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.742+/-0.006 χ^2/NDF : 29370.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.079+/-0.006 χ^2/NDF : 23874.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

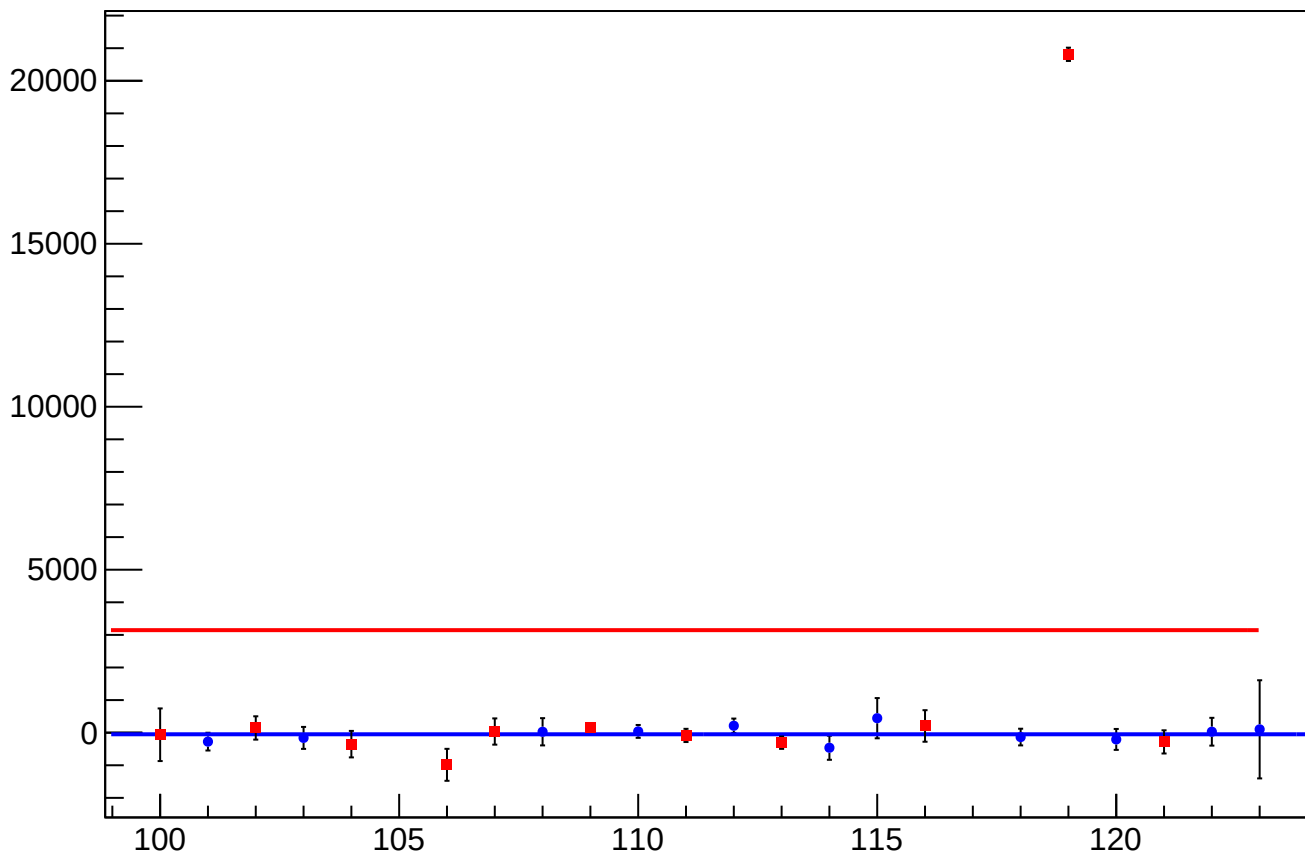
Right: 17.917+/-0.004 χ^2/NDF : 54791.3/21

In: 17.742+/-0.006 χ^2/NDF : 29370.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.917+/-0.004 χ^2/NDF : 54791.3/21

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -49.081+/-93.225 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3145.487+/-80.070 χ^2/NDF : 8885.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

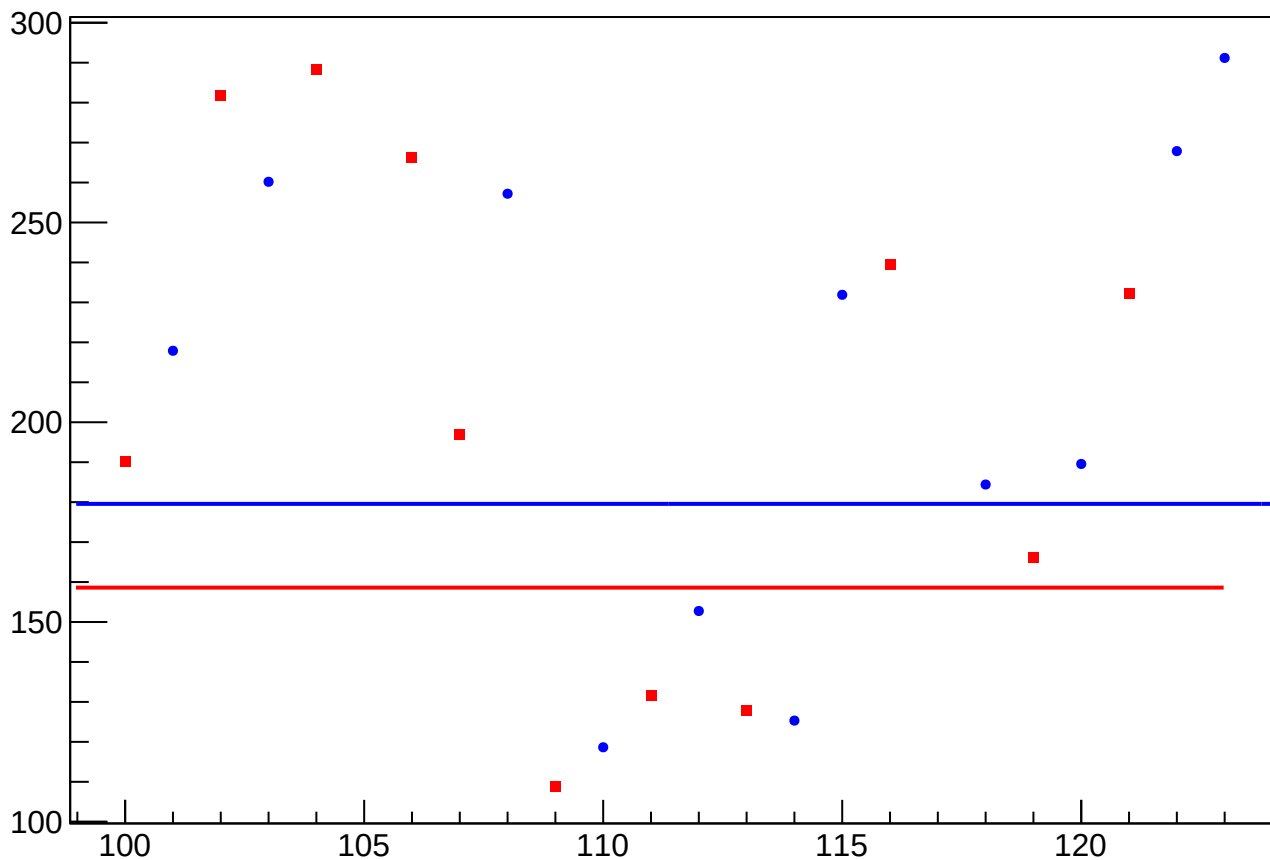
Right: 1789.317+/-60.741 χ^2/NDF : 9566.3/21

In: -49.081+/-93.225 χ^2/NDF :4.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1789.317+/-60.741 χ^2/NDF : 9566.3/21

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.570+/-0.066 χ^2/NDF : 599922.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.610+/-0.057 χ^2/NDF : 997869.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

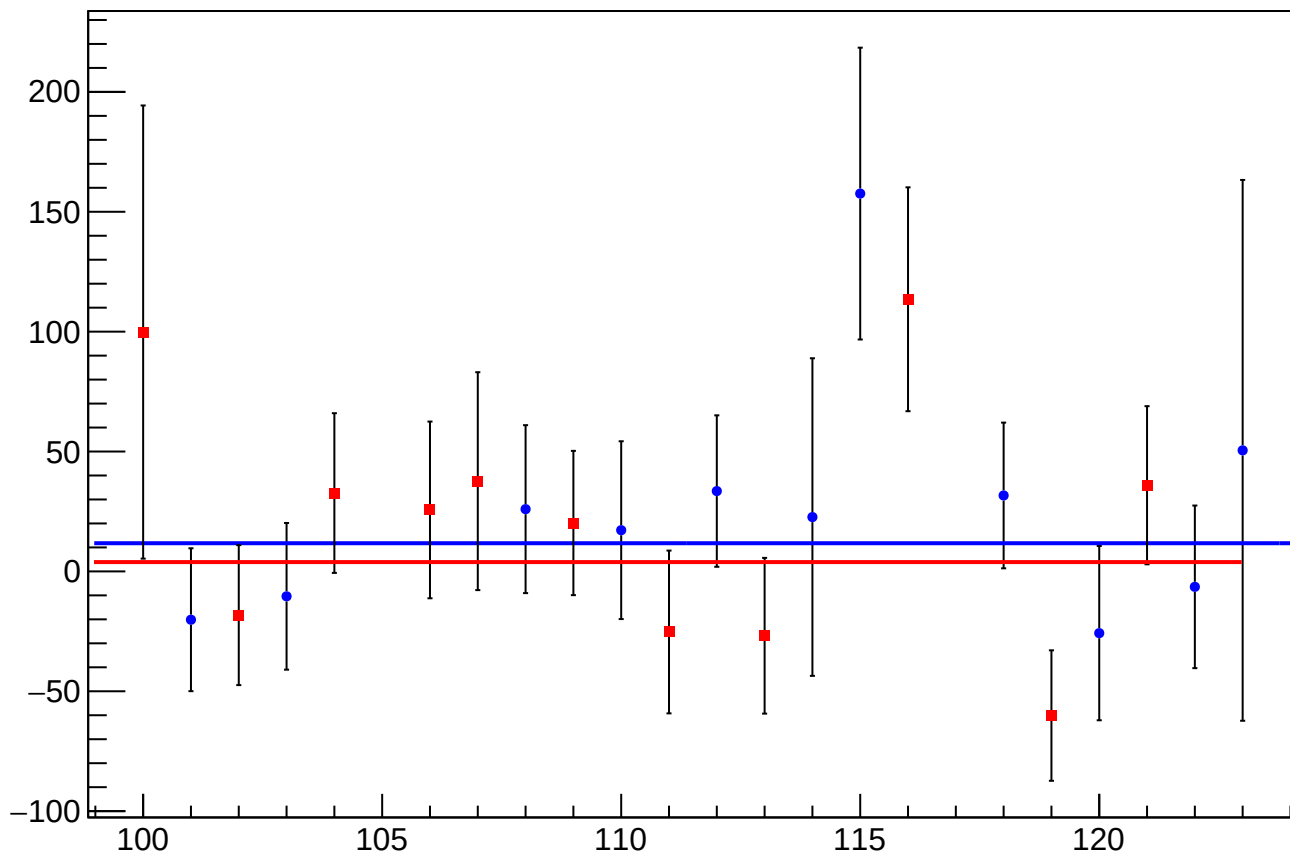
Right: 167.508+/-0.043 χ^2/NDF : 1655967.1/21

In: 179.570+/-0.066 χ^2/NDF : 599922.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.508+/-0.043 χ^2/NDF : 1655967.1/21

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 11.752+/-11.162 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.885+/-10.508 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

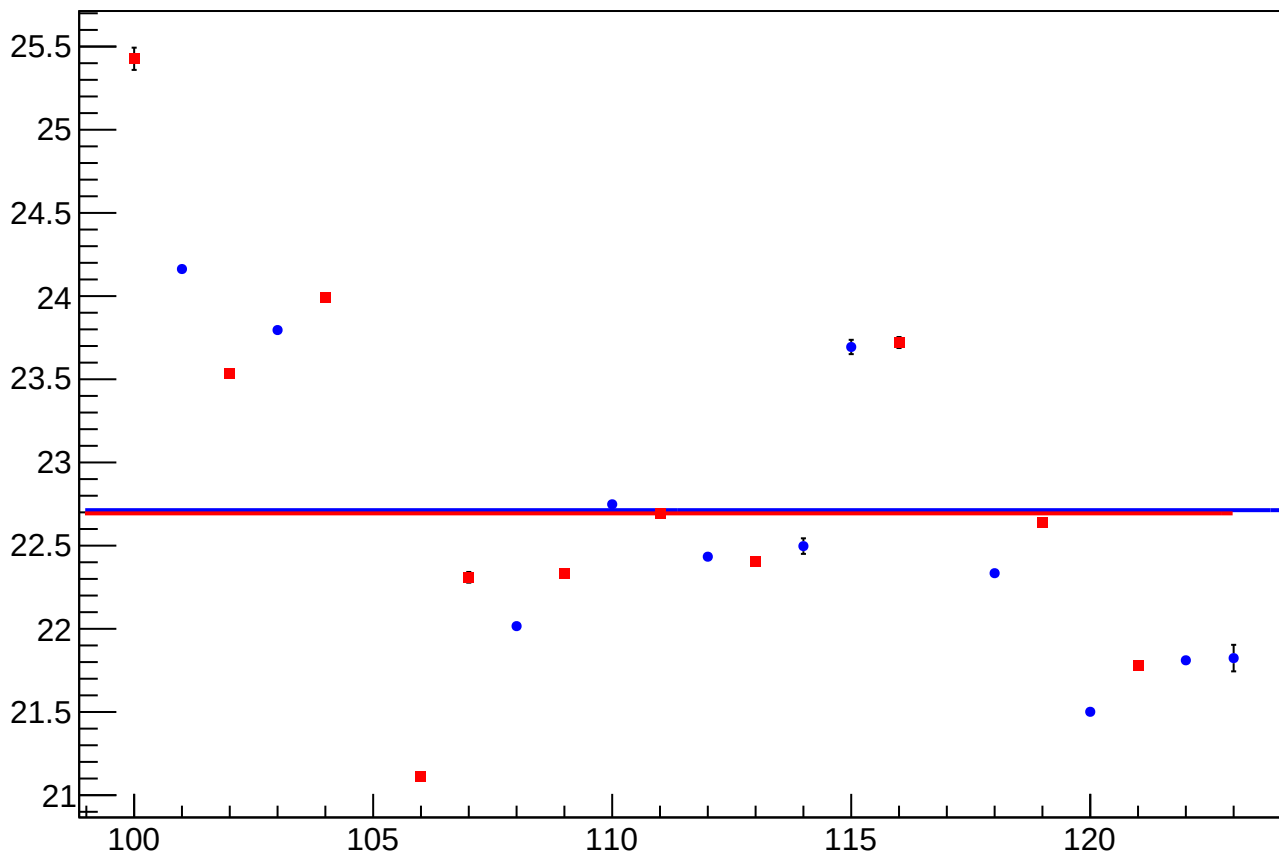
Right: 7.582+/-7.651 χ^2/NDF : 27.4/21

In: 11.752+/-11.162 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.582+/-7.651 χ^2/NDF : 27.4/21

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.713+/-0.008 χ^2/NDF : 12805.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.694+/-0.007 χ^2/NDF : 13127.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

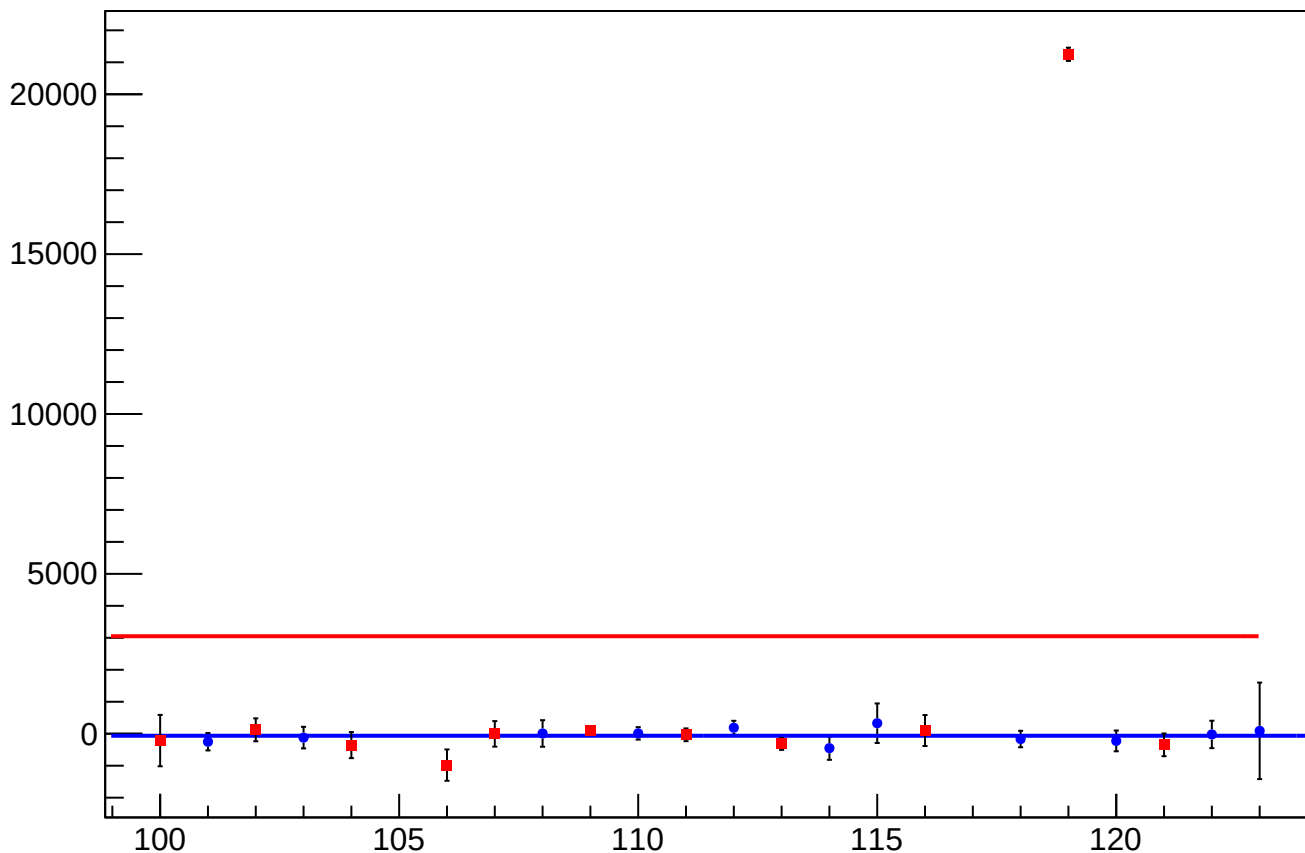
Right: 22.703+/-0.005 χ^2/NDF : 25936.1/21

In: 22.713+/-0.008 χ^2/NDF : 12805.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.703+/-0.005 χ^2/NDF : 25936.1/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -63.499+/-92.765 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3049.322+/-79.447 χ^2/NDF : 9080.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

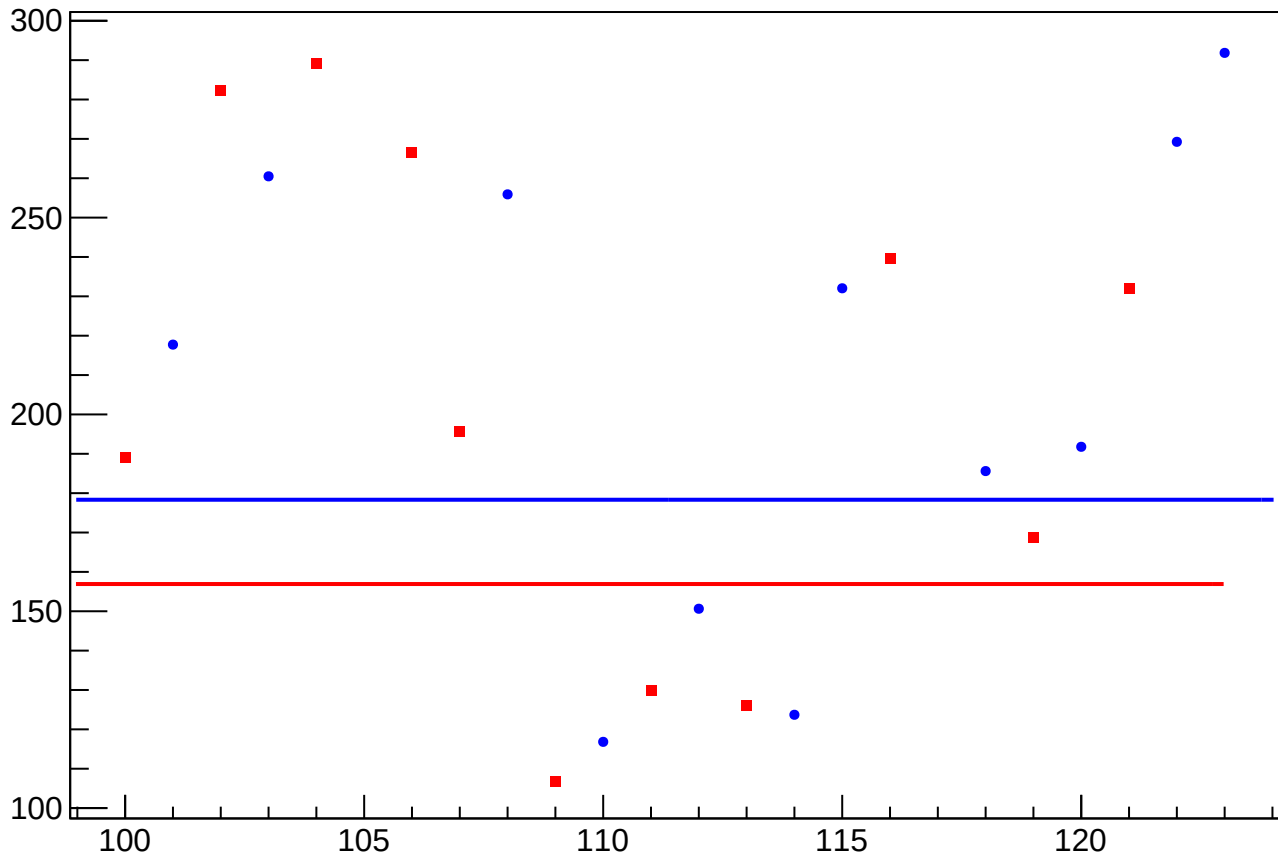
Right: 1732.206+/-60.342 χ^2/NDF : 9734.3/21

In: -63.499+/-92.765 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1732.206+/-60.342 χ^2/NDF : 9734.3/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.328+/-0.066 χ^2/NDF : 628924.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.916+/-0.056 χ^2/NDF : 1040713.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

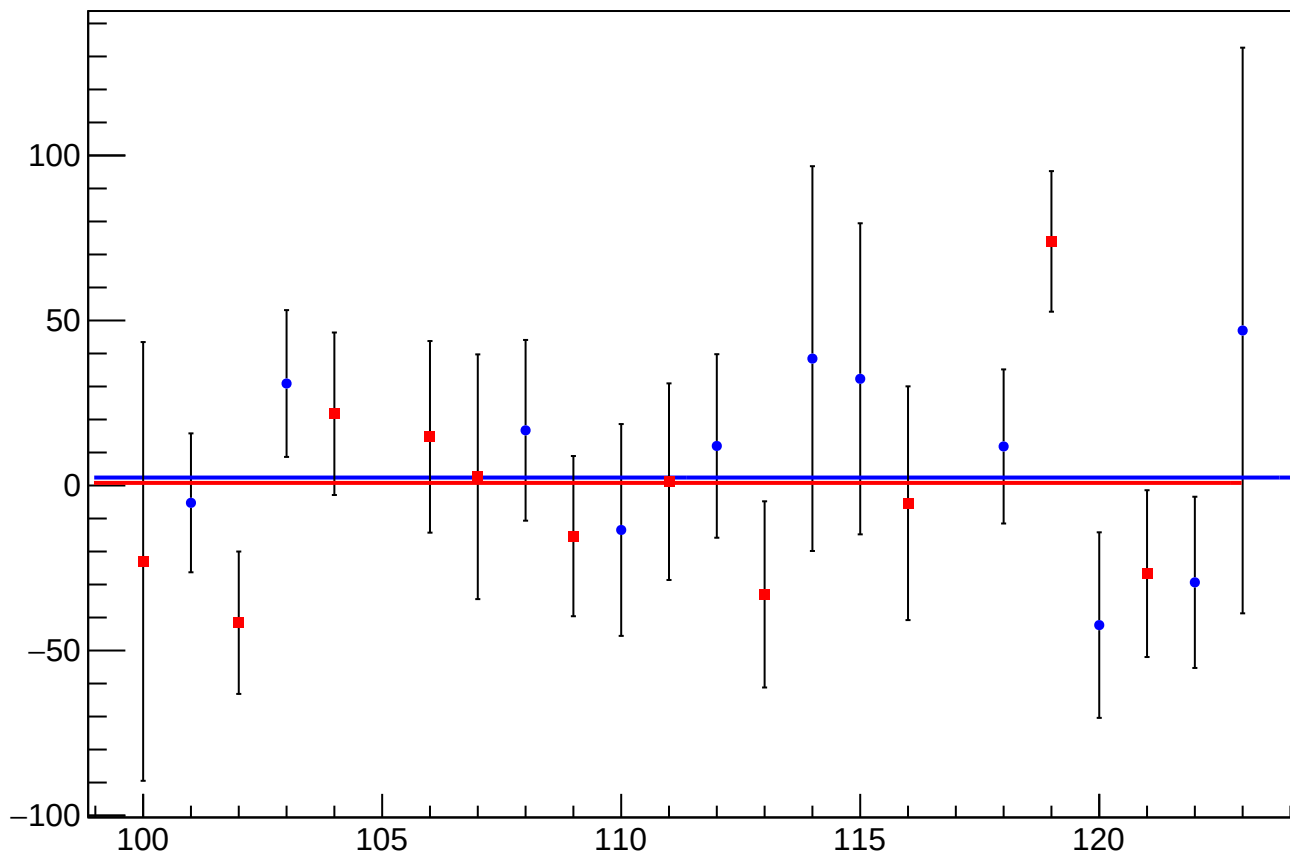
Right: 165.976+/-0.043 χ^2/NDF : 1731107.5/21

In: 178.328+/-0.066 χ^2/NDF : 628924.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.976+/-0.043 χ^2/NDF : 1731107.5/21

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.414+/-8.657 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.792+/-8.279 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

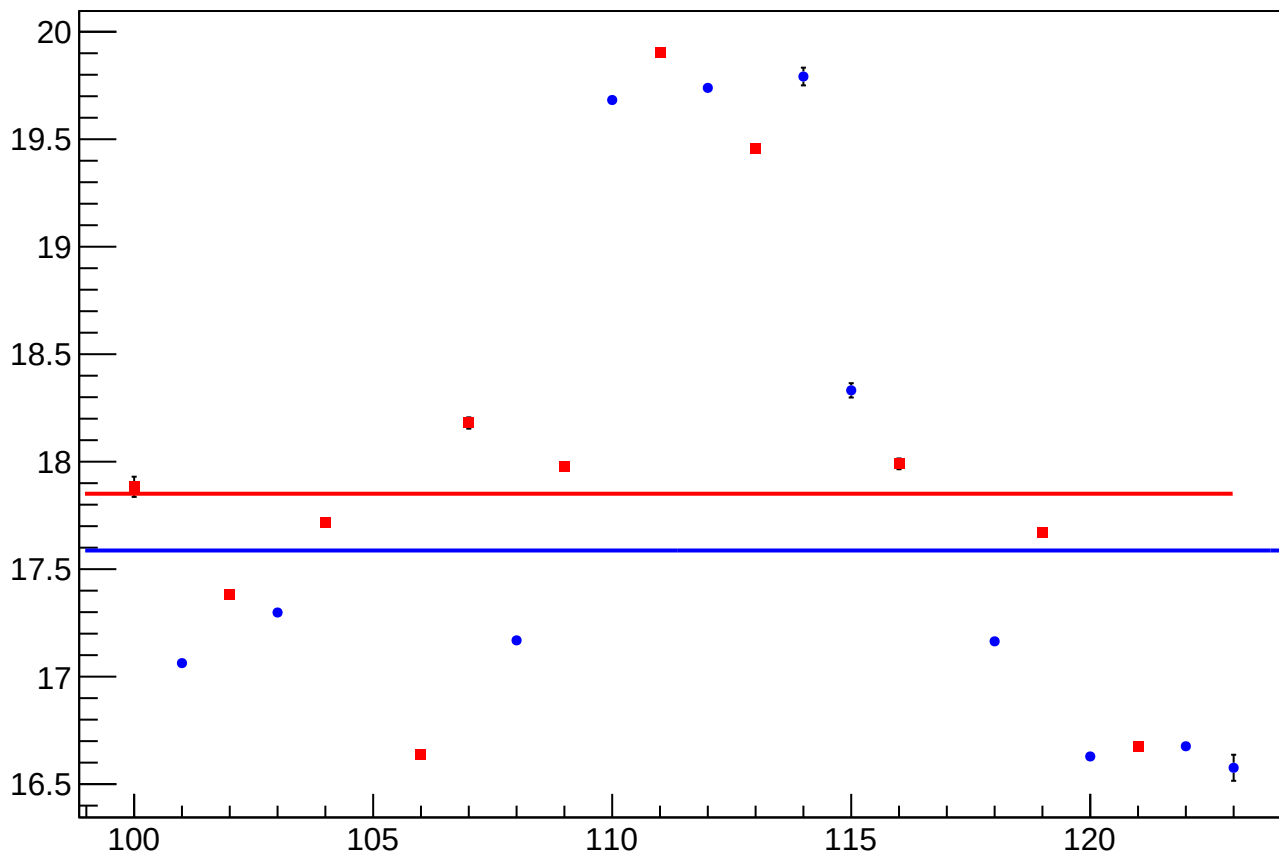
Right: 1.567+/-5.983 χ^2/NDF : 27.5/21

In: 2.414+/-8.657 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.567+/-5.983 χ^2/NDF : 27.5/21

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.587+/-0.006 χ^2/NDF : 31632.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.851+/-0.006 χ^2/NDF : 25193.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

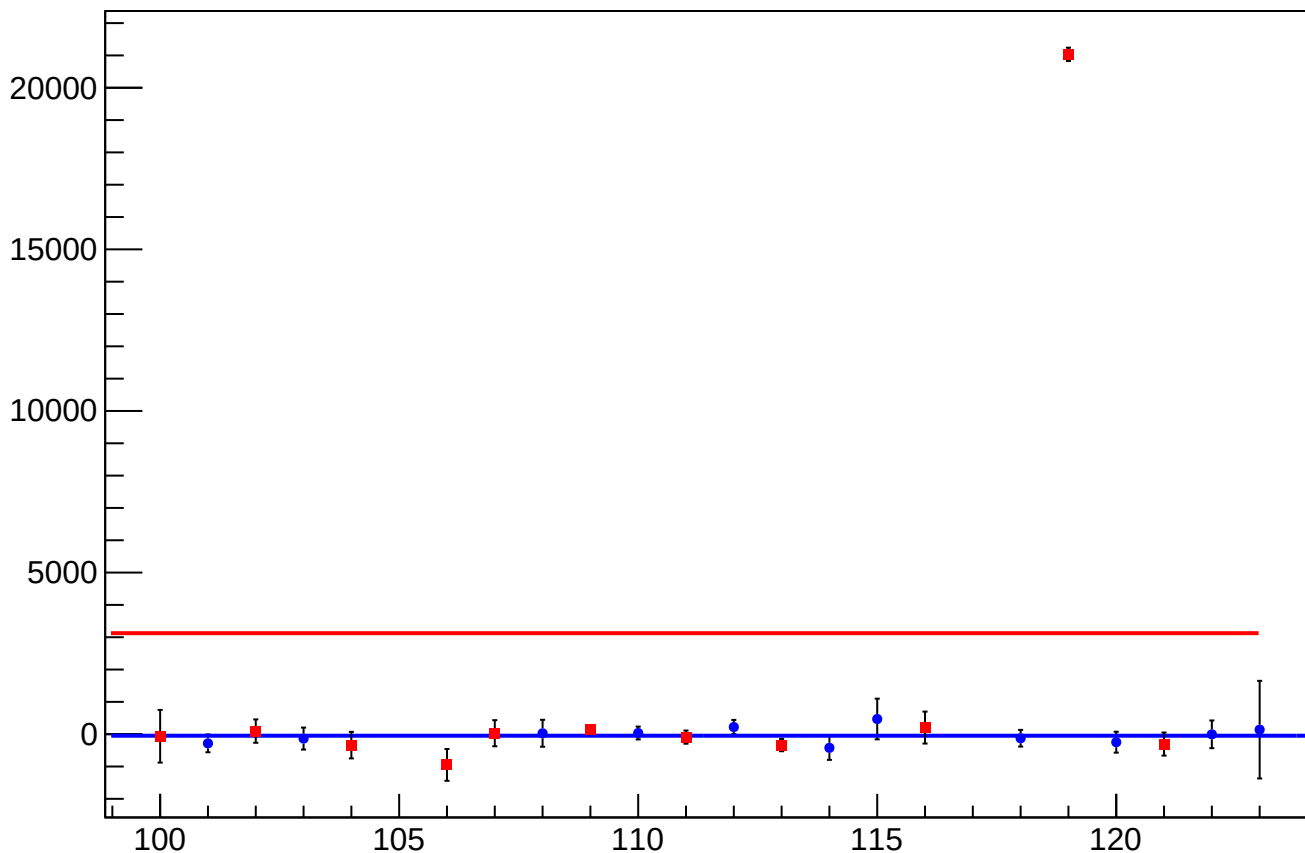
Right: 17.725+/-0.004 χ^2/NDF : 57798.2/21

In: 17.587+/-0.006 χ^2/NDF :31632.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.725+/-0.004 χ^2/NDF : 57798.2/21

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -47.258+/-93.843 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3125.029+/-80.698 χ^2/NDF : 8864.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

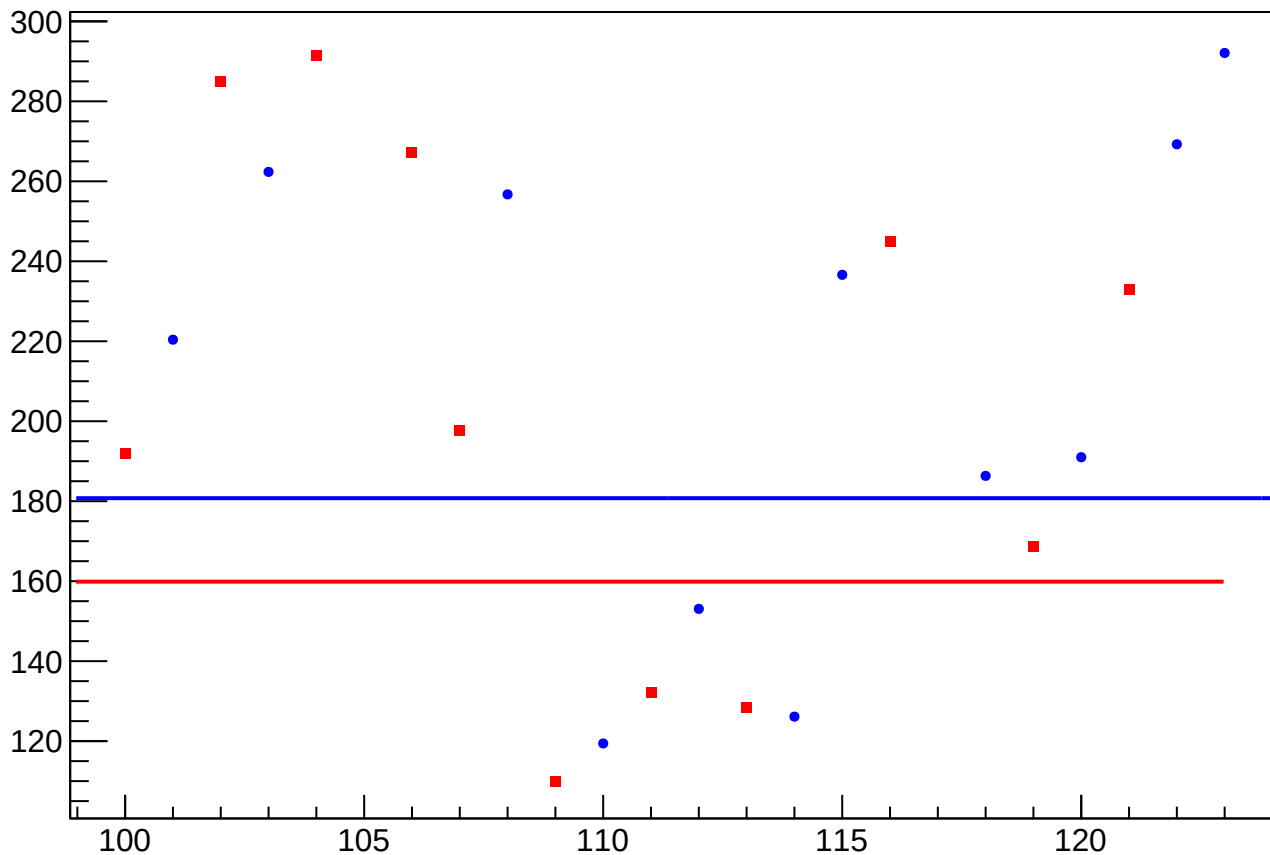
Right: 1776.443+/-61.187 χ^2/NDF : 9526.0/21

In: -47.258+/-93.843 χ^2/NDF :4.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1776.443+/-61.187 χ^2/NDF : 9526.0/21

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.756+/-0.066 χ^2/NDF : 603196.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.885+/-0.057 χ^2/NDF : 1002456.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

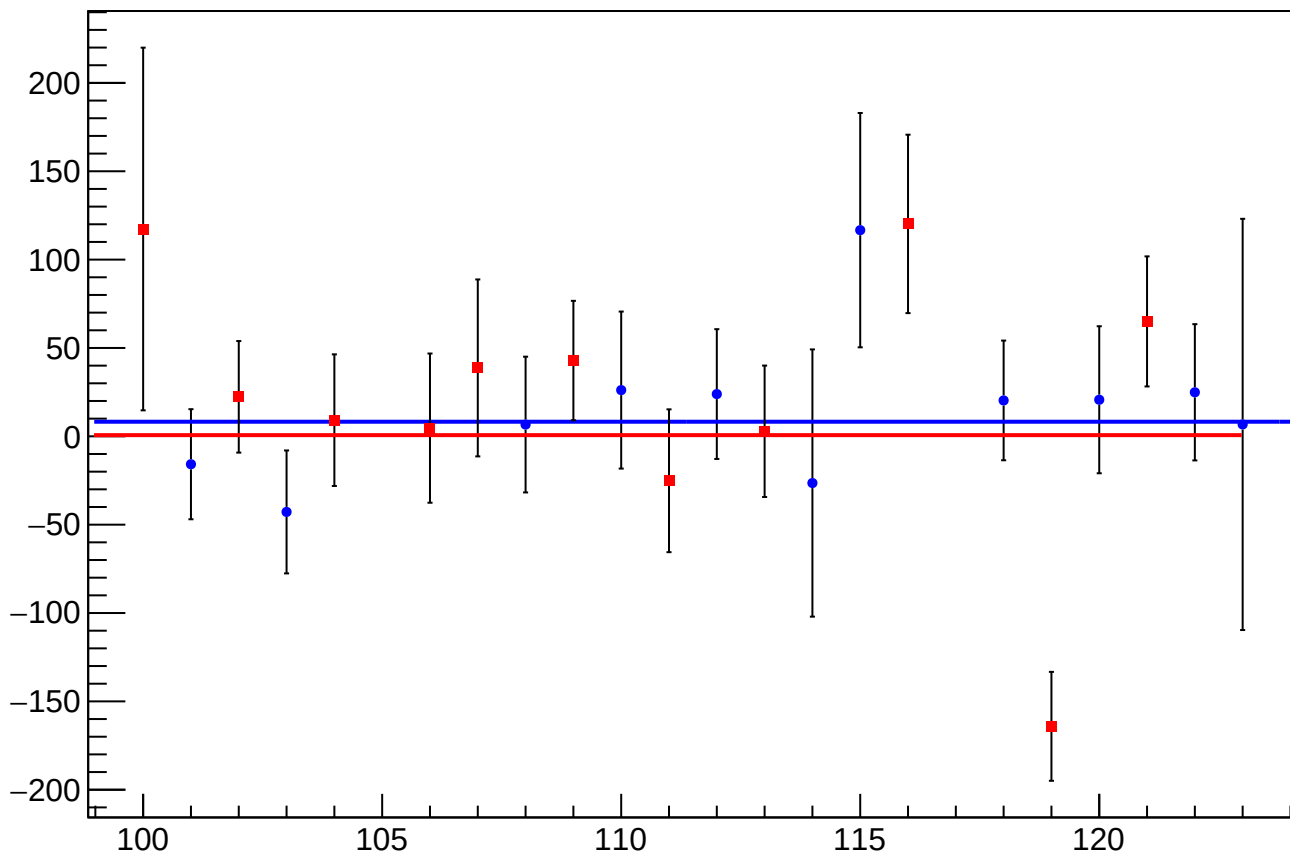
Right: 168.757+/-0.043 χ^2/NDF : 1662525.8/21

In: 180.756+/-0.066 χ^2/NDF : 603196.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.757+/-0.043 χ^2/NDF : 1662525.8/21

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.259+/-12.519 χ^2 /NDF: 6.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.666+/-11.807 χ^2 /NDF: 41.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

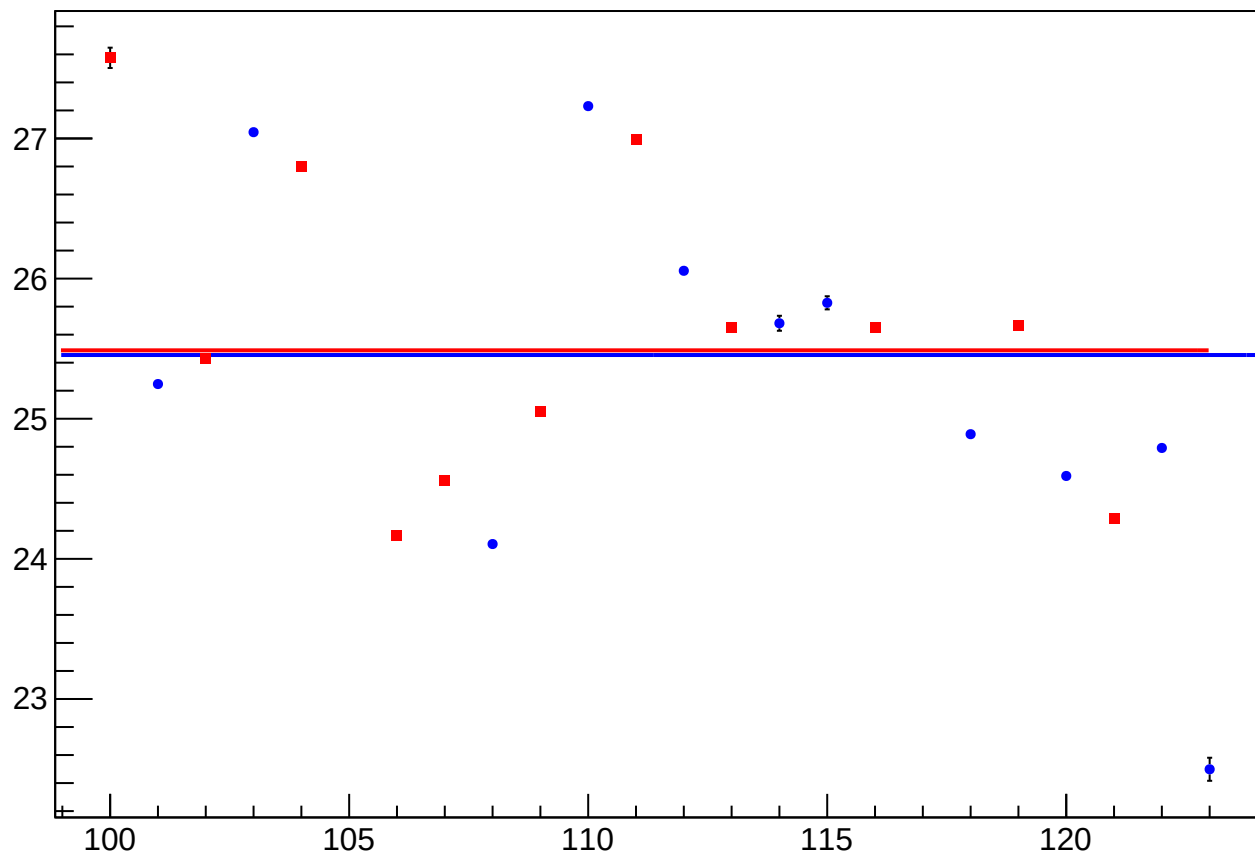
Right: 4.241+/-8.590 χ^2 /NDF: 48.2/21

In: 8.259+/-12.519 χ^2 /NDF:6.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4.241+/-8.590 χ^2 /NDF: 48.2/21

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.455+/-0.009 χ^2/NDF : 13845.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.488+/-0.008 χ^2/NDF : 11314.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

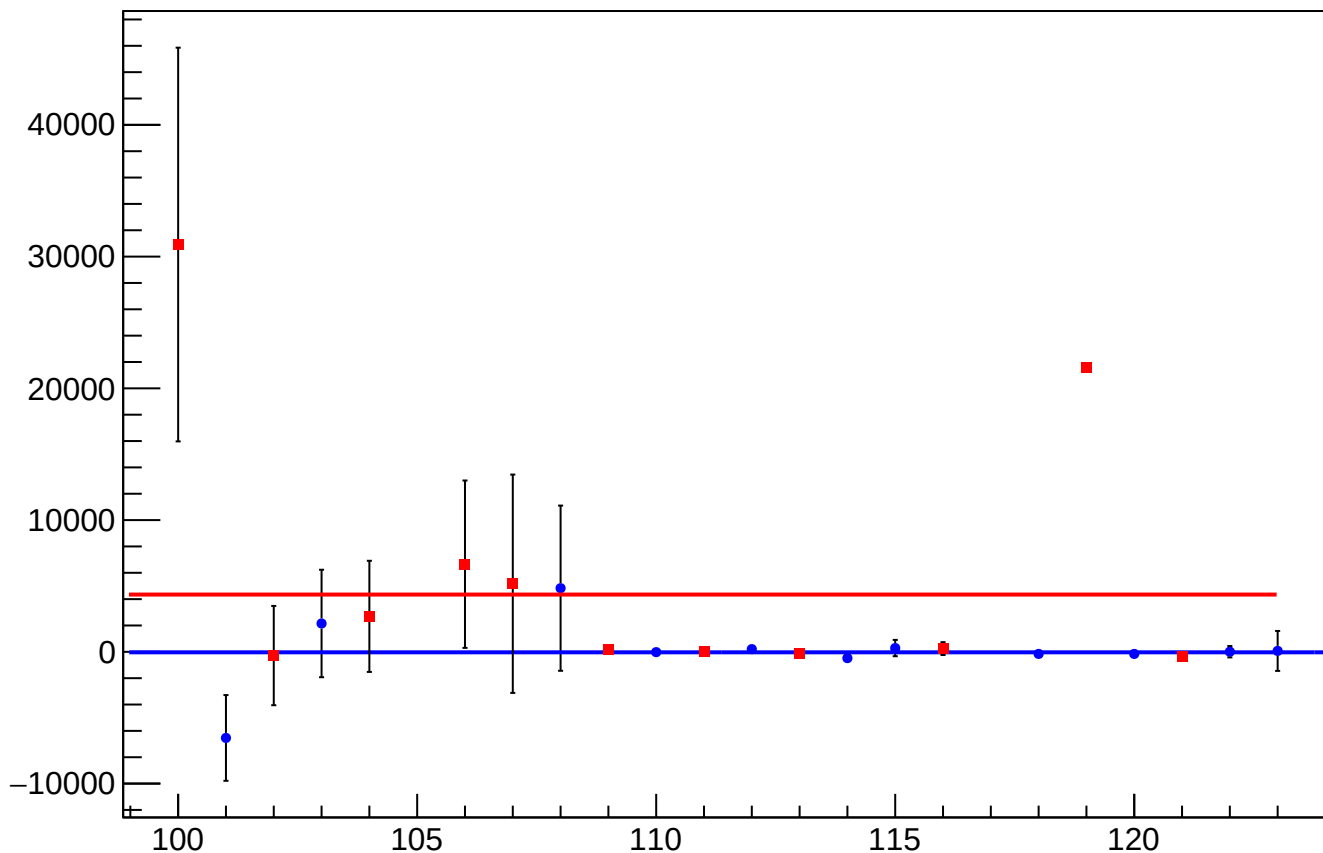
Right: 25.472+/-0.006 χ^2/NDF : 25167.4/21

In: 25.455+/-0.009 χ^2/NDF : 13845.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.472+/-0.006 χ^2/NDF : 25167.4/21

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -36.377+/-106.937 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4347.040+/-94.621 χ^2/NDF : 8404.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

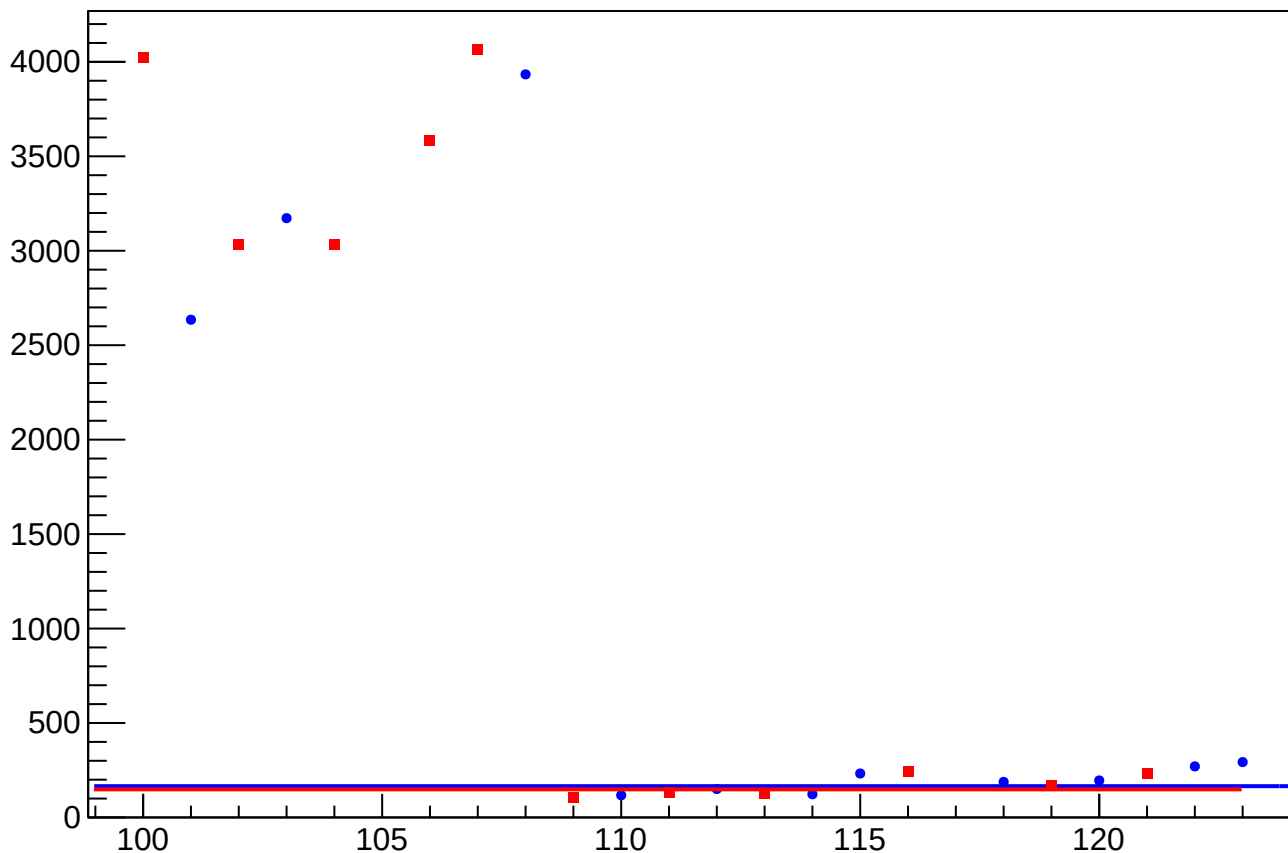
Right: 2422.175+/-70.863 χ^2/NDF : 9355.6/21

In: -36.377+/-106.937 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2422.175+/-70.863 χ^2/NDF : 9355.6/21

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.634+/-0.076 χ^2/NDF : 3308298.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.604+/-0.067 χ^2/NDF : 3610477.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

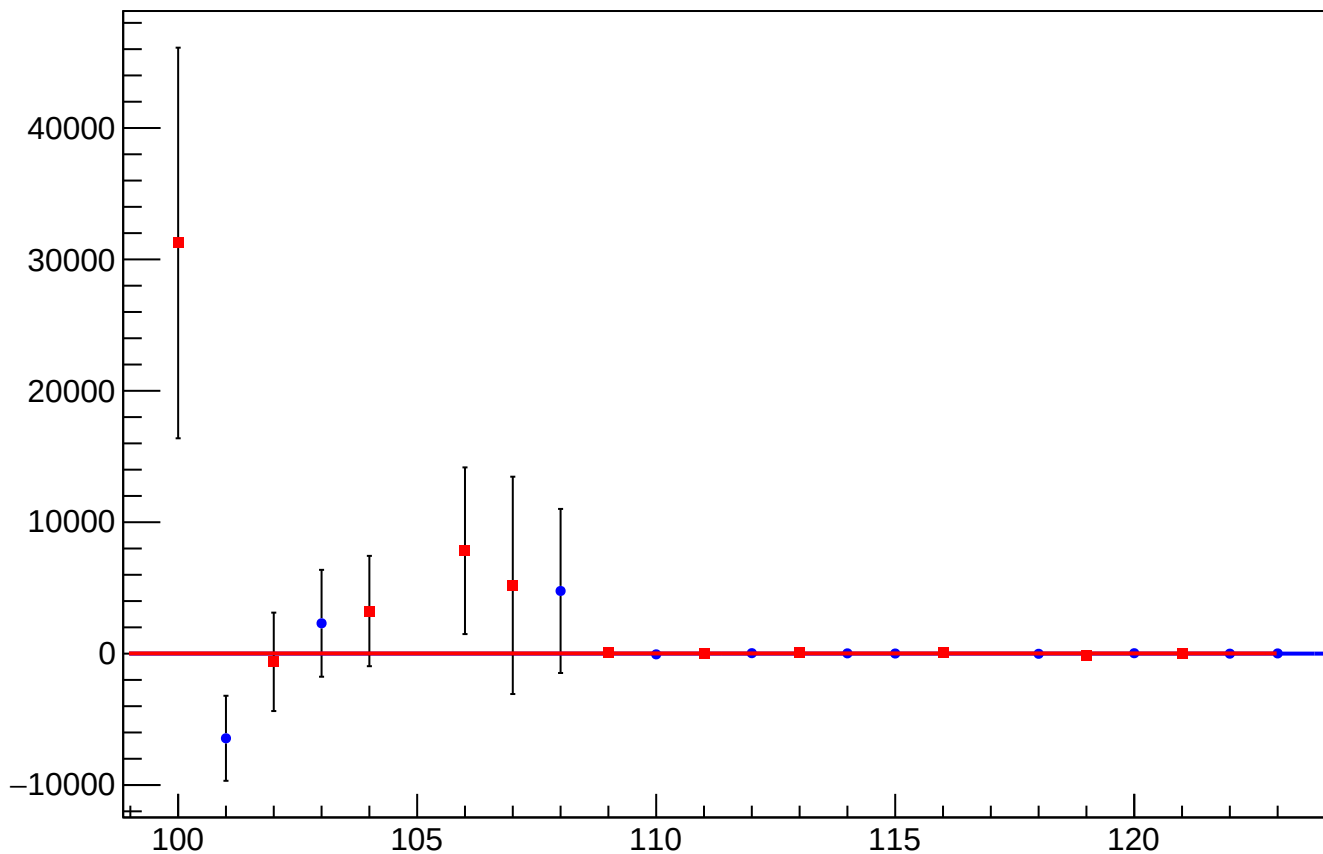
Right: 156.082+/-0.050 χ^2/NDF : 6947221.9/21

In: 165.634+/-0.076 χ^2/NDF : 3308298.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.082+/-0.050 χ^2/NDF : 6947221.9/21

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.347+/-17.489 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.054+/-17.285 χ^2/NDF : 29.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

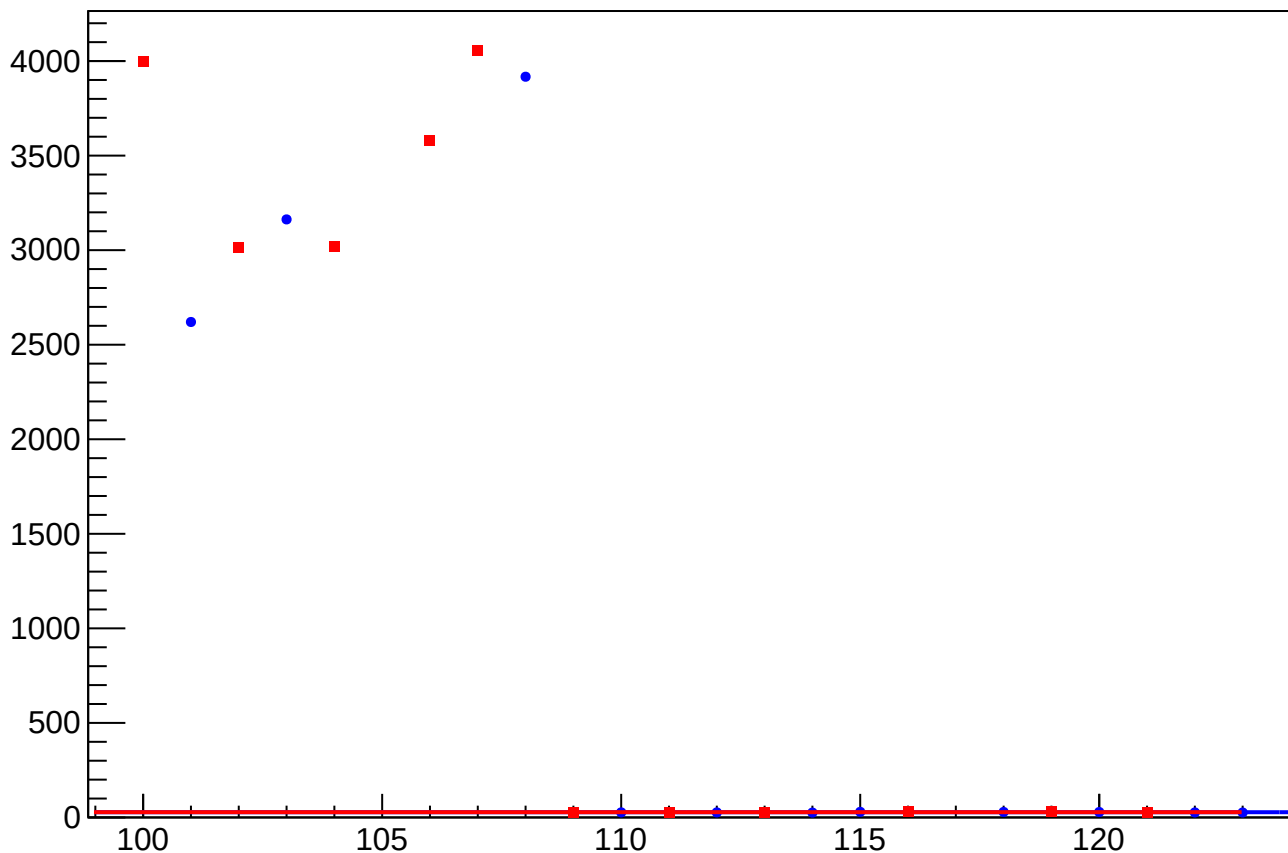
Right: 8.786+/-12.294 χ^2/NDF : 38.0/21

In: 1.347+/-17.489 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.786+/-12.294 χ^2/NDF : 38.0/21

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.703+/-0.012 χ^2/NDF : 3259018.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.899+/-0.012 χ^2/NDF : 3559653.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

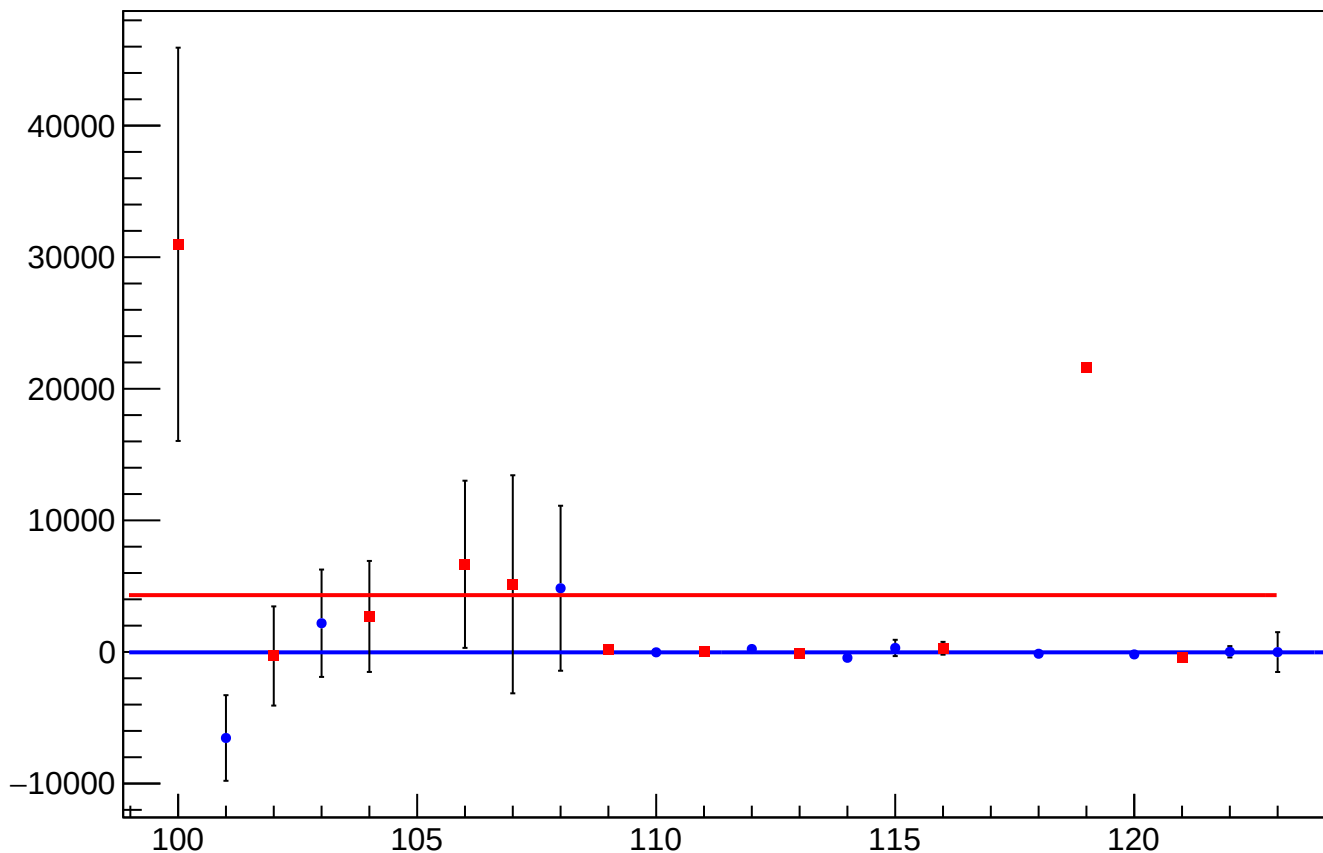
Right: 27.802+/-0.009 χ^2/NDF : 6818798.9/21

In: 27.703+/-0.012 χ^2/NDF : 3259018.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.802+/-0.009 χ^2/NDF : 6818798.9/21

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -28.989+/-106.530 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4318.052+/-94.252 χ^2/NDF : 8425.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

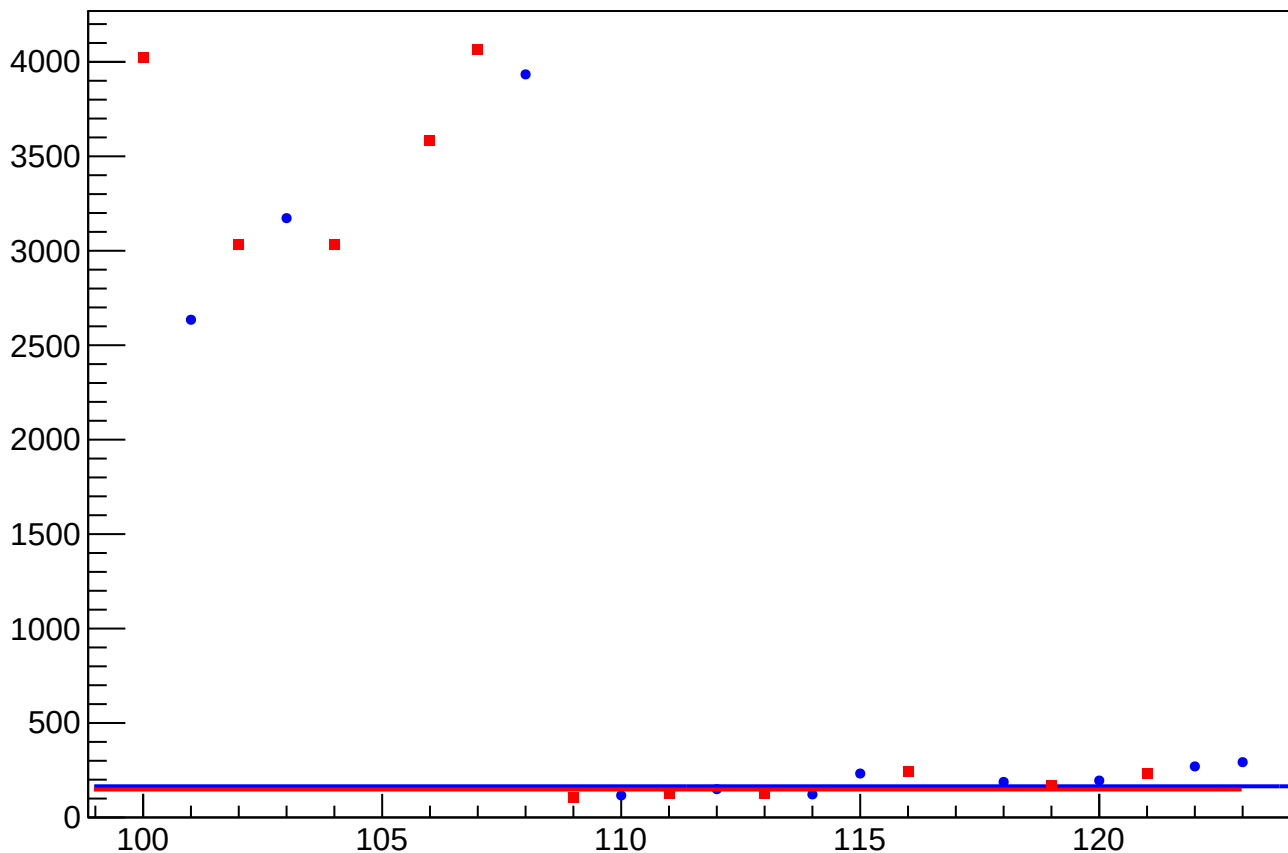
Right: 2409.369+/-70.590 χ^2/NDF : 9367.9/21

In: -28.989+/-106.530 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.369+/-70.590 χ^2/NDF : 9367.9/21

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.905+/-0.075 χ^2/NDF : 3313868.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 147.937+/-0.067 χ^2/NDF : 3616638.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

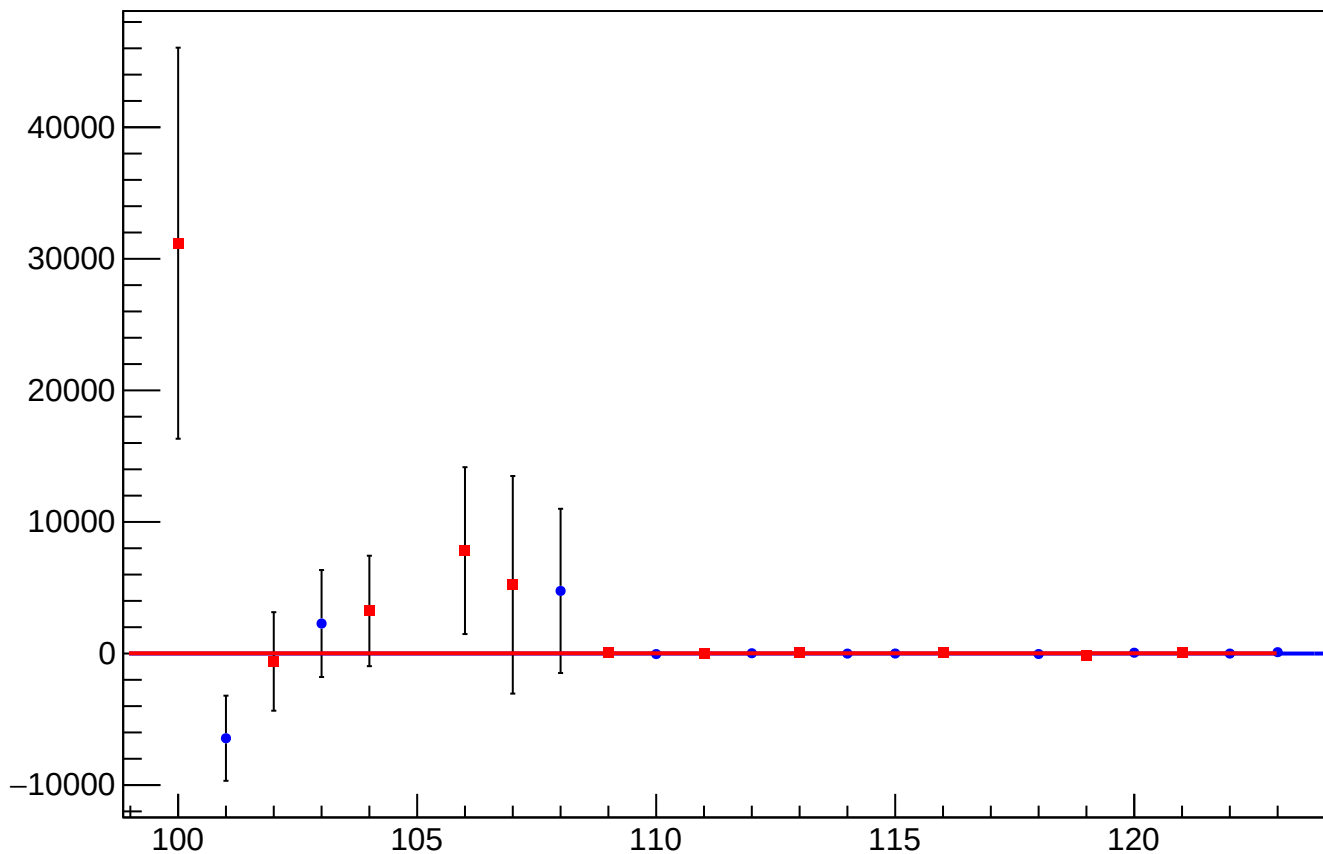
Right: 155.388+/-0.050 χ^2/NDF : 6958967.2/21

In: 164.905+/-0.075 χ^2/NDF :3313868.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.388+/-0.050 χ^2/NDF : 6958967.2/21

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.355+/-17.574 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.922+/-17.401 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

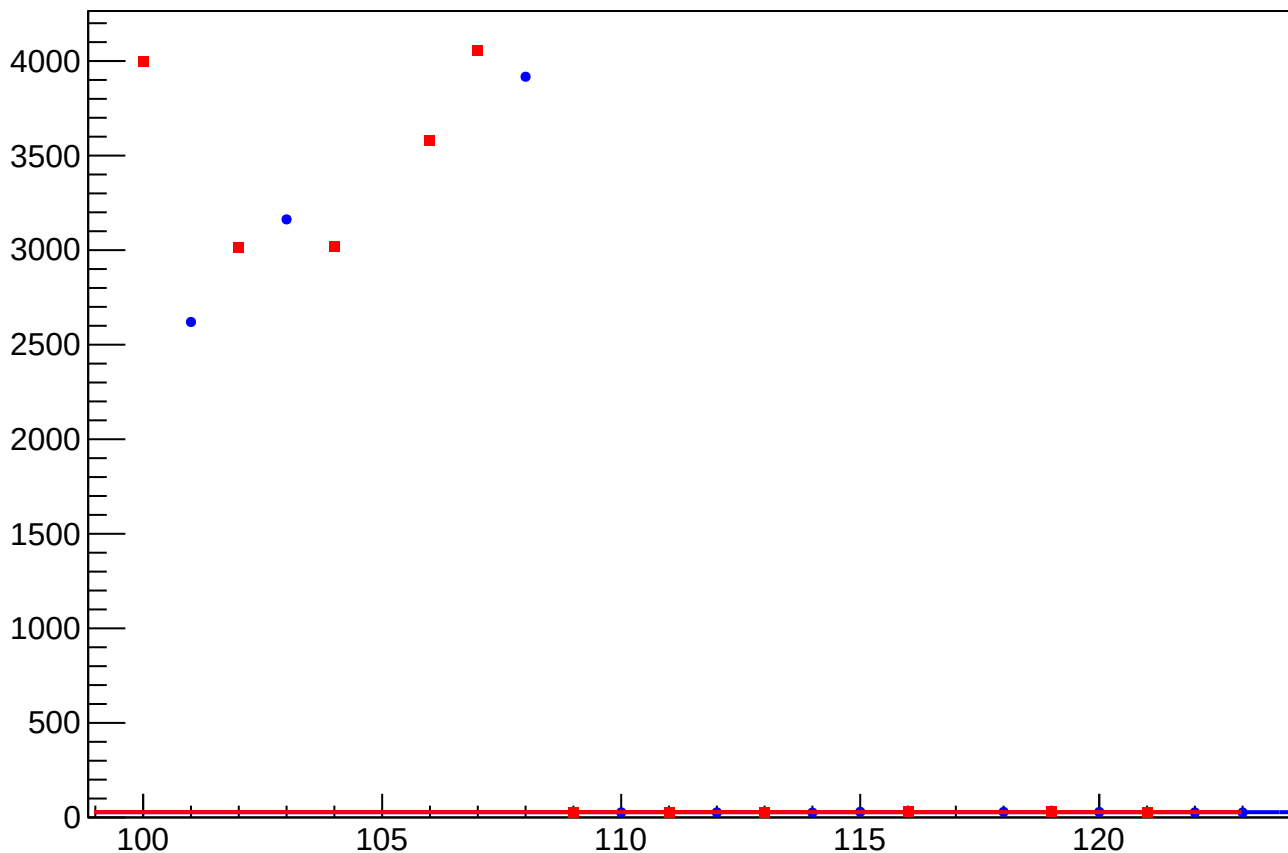
Right: 7.379+/-12.365 χ^2/NDF : 38.5/21

In: -2.355+/-17.574 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.379+/-12.365 χ^2/NDF : 38.5/21

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.835+/-0.012 χ^2/NDF : 3259585.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.080+/-0.012 χ^2/NDF : 3561654.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

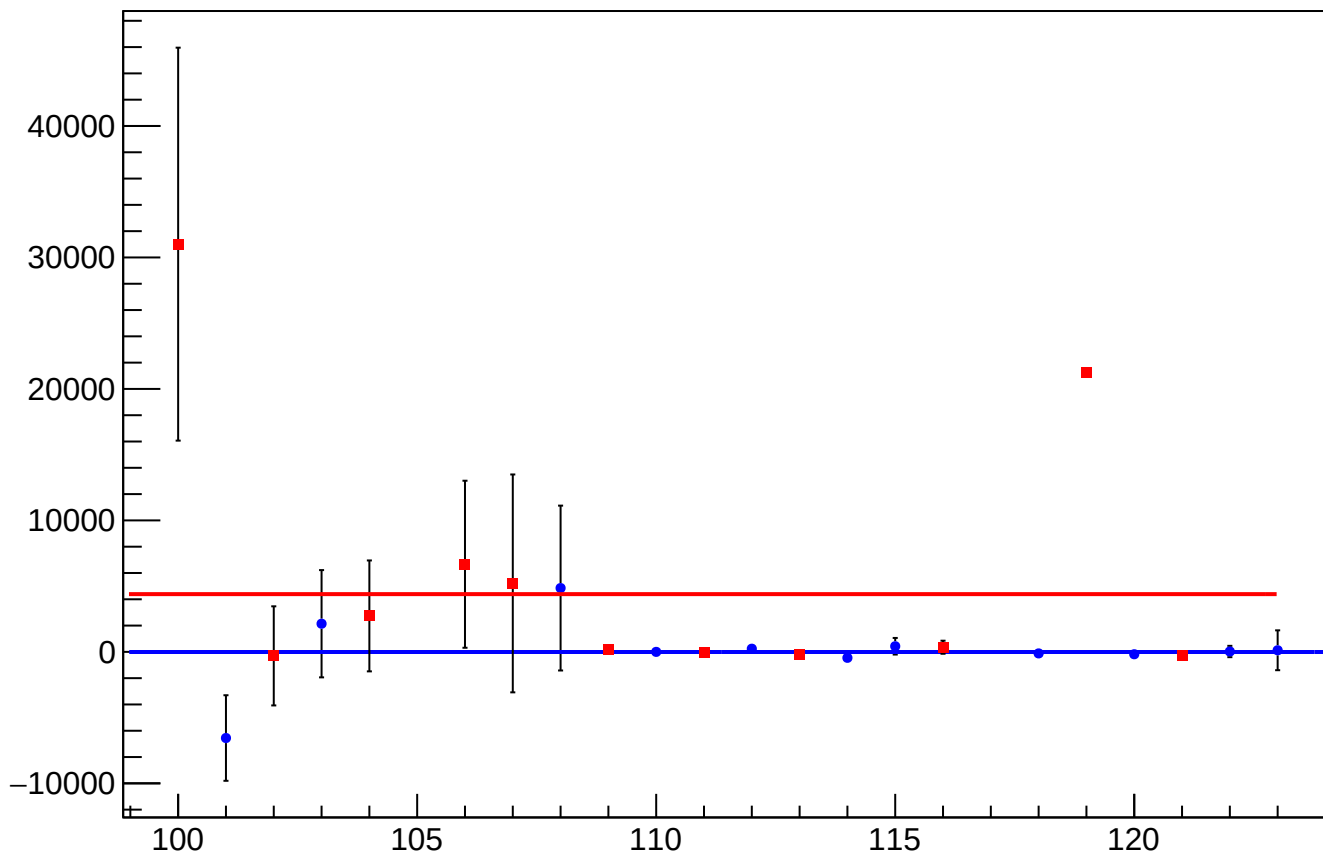
Right: 27.959+/-0.009 χ^2/NDF : 6821436.6/21

In: 27.835+/-0.012 χ^2/NDF : 3259585.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.959+/-0.009 χ^2/NDF : 6821436.6/21

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -9.863+/-108.139 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4392.097+/-95.878 χ^2/NDF : 8129.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

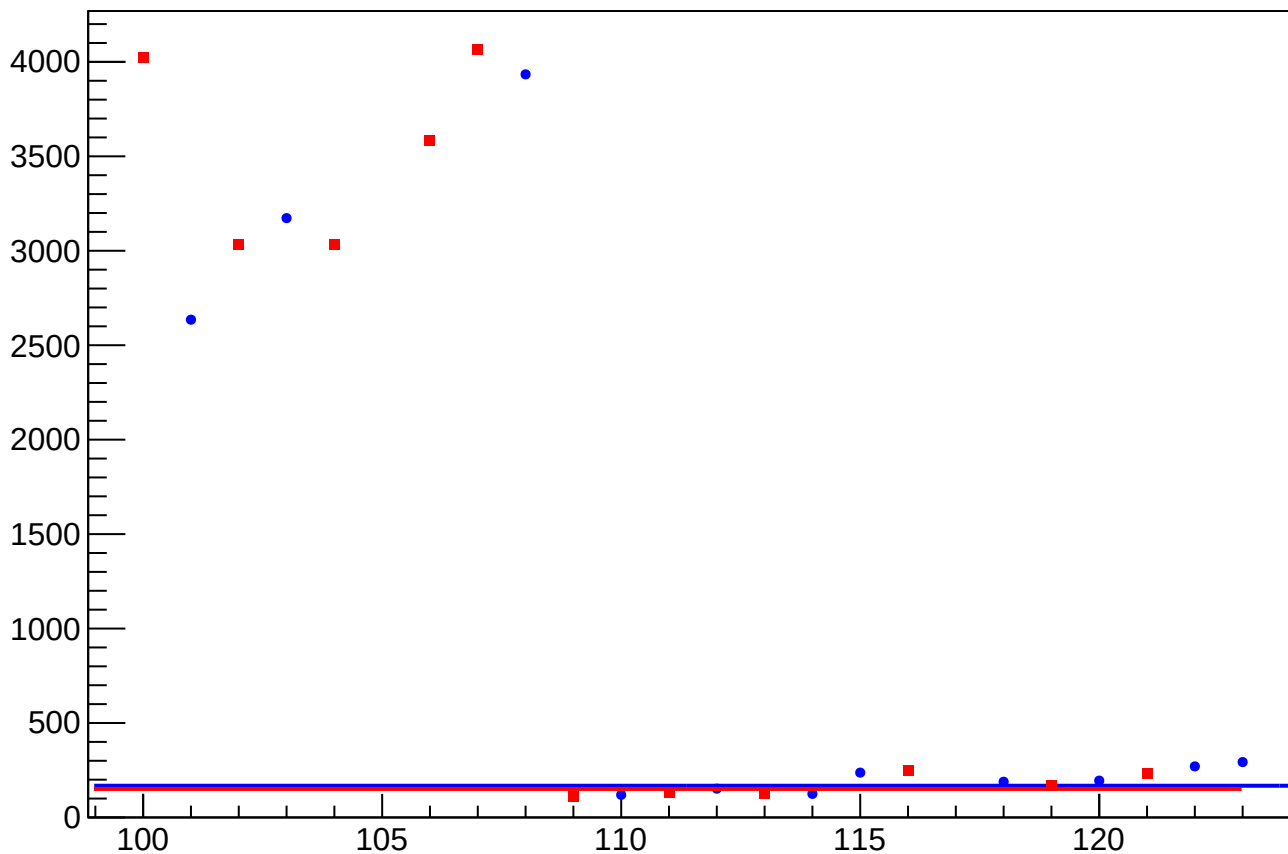
Right: 2454.721+/-71.741 χ^2/NDF : 9066.2/21

In: -9.863+/-108.139 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2454.721+/-71.741 χ^2/NDF : 9066.2/21

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.891+/-0.076 χ^2/NDF : 3287825.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.964+/-0.068 χ^2/NDF : 3593410.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

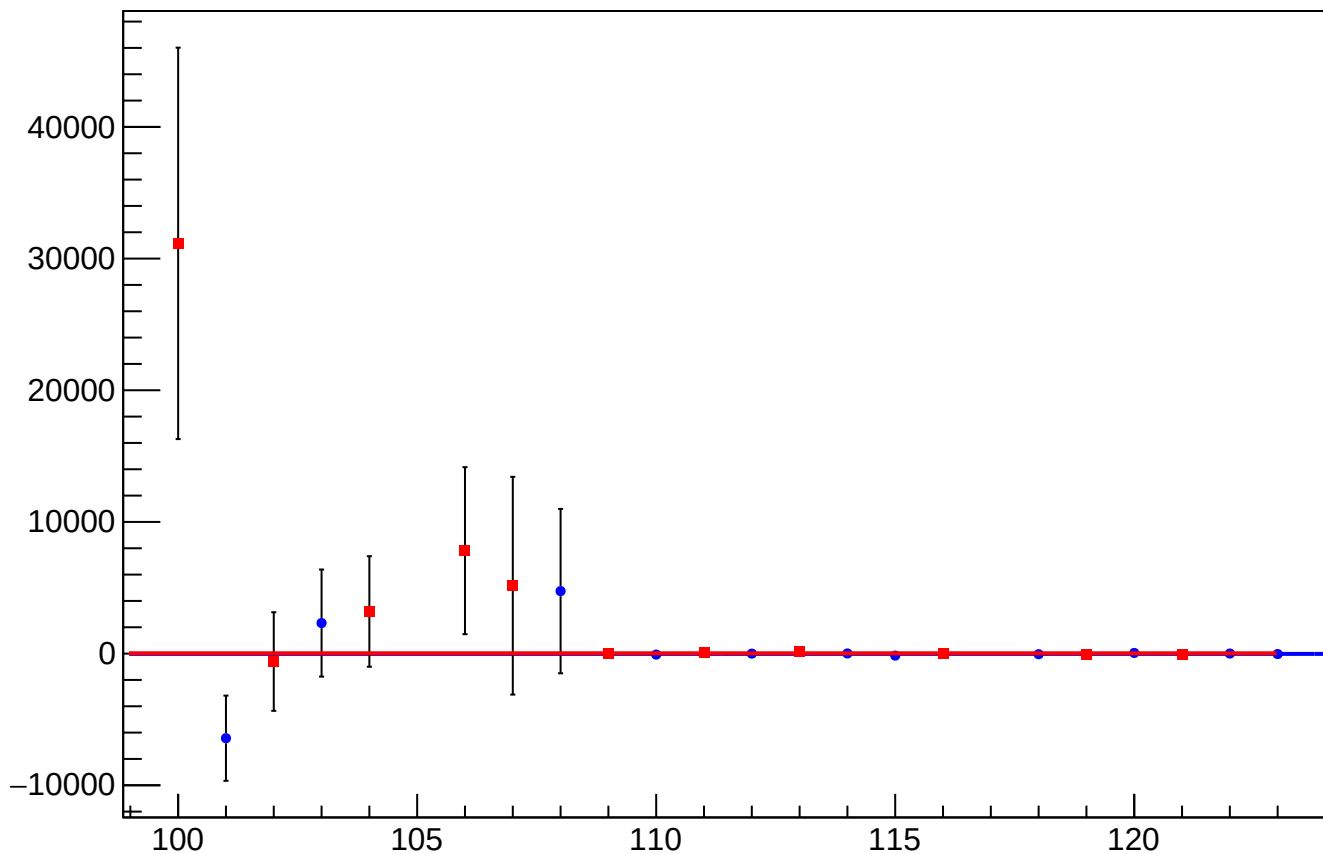
Right: 158.414+/-0.051 χ^2/NDF : 6908670.2/21

In: 167.891+/-0.076 χ^2/NDF : 3287825.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.414+/-0.051 χ^2/NDF : 6908670.2/21

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -22.478+/-21.430 χ^2 /NDF: 10.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 22.120+/-21.095 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

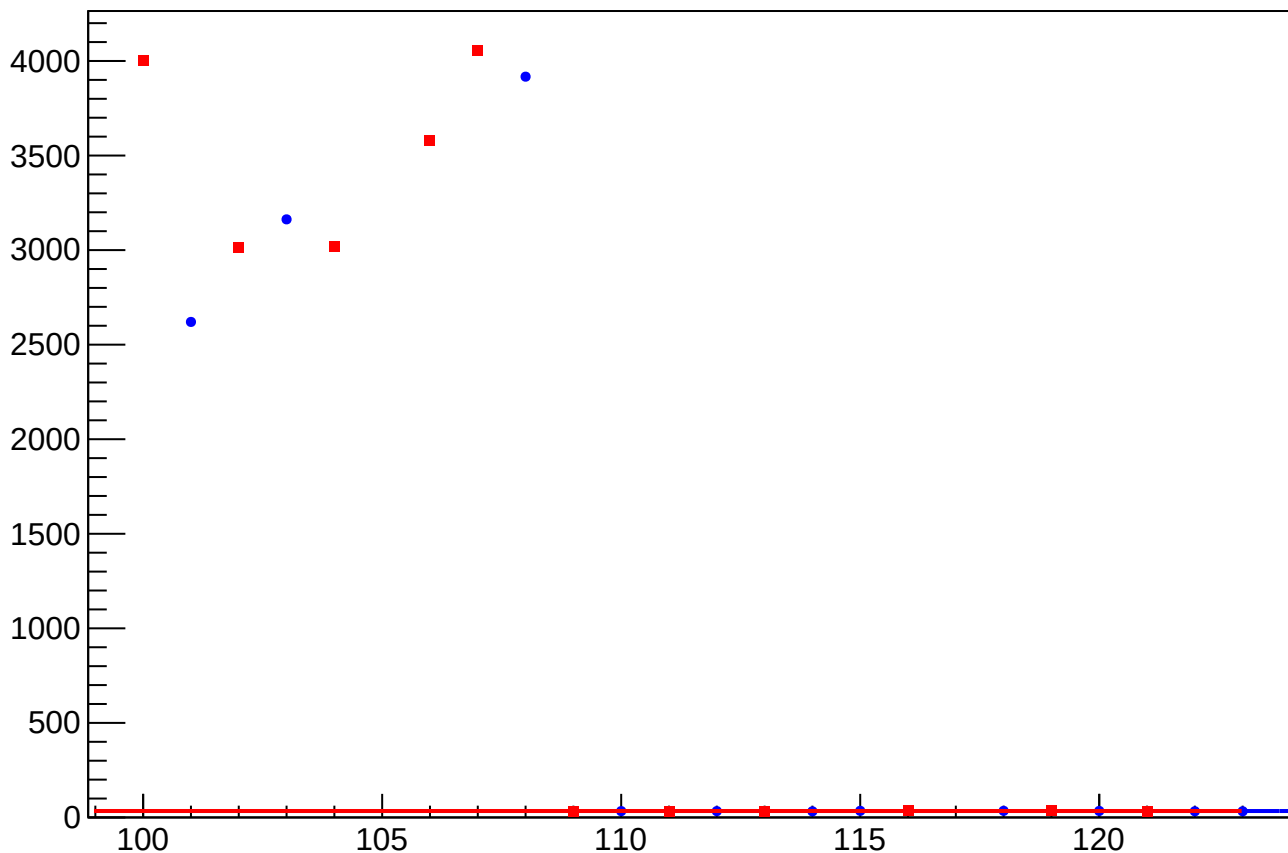
Right: 0.173+/-15.034 χ^2 /NDF: 29.6/21

In: -22.478+/-21.430 χ^2 /NDF:10.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.173+/-15.034 χ^2 /NDF: 29.6/21

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.032+/-0.015 χ^2/NDF : 3239240.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.160+/-0.015 χ^2/NDF : 3530875.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

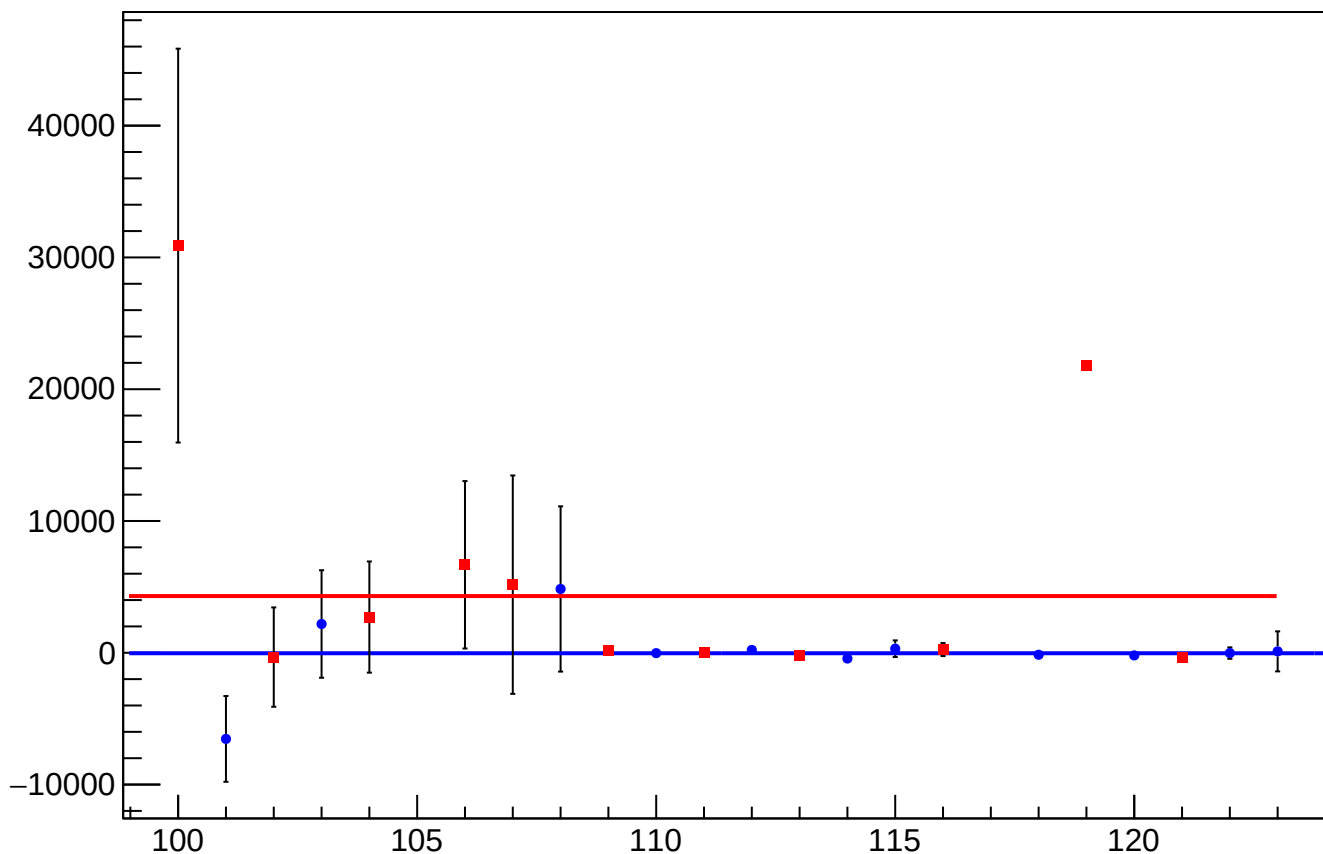
Right: 34.097+/-0.011 χ^2/NDF : 6770152.2/21

In: 34.032+/-0.015 χ^2/NDF : 3239240.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.097+/-0.011 χ^2/NDF : 6770152.2/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -35.660+/-107.448 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4303.013+/-95.190 χ^2/NDF : 8374.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

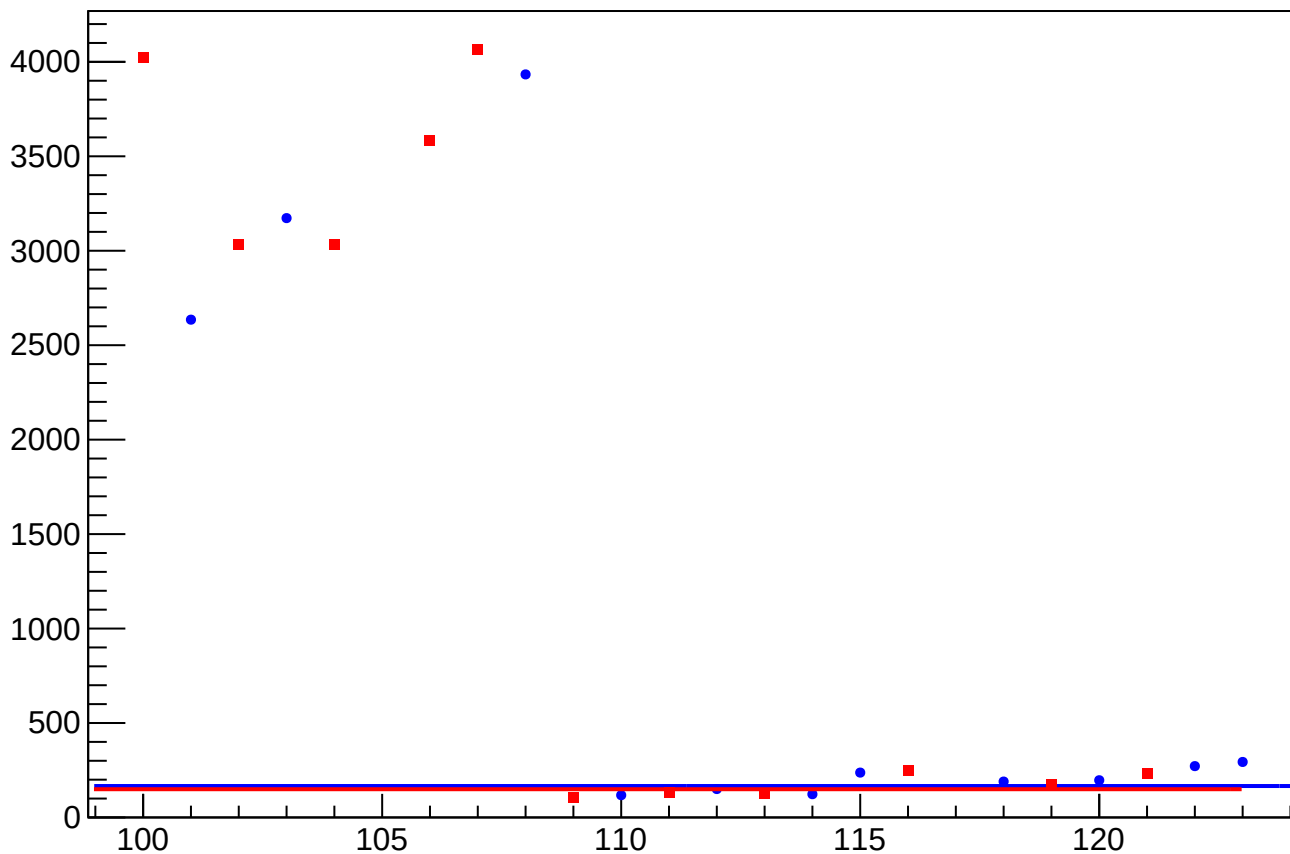
Right: 2395.175+/-71.251 χ^2/NDF : 9295.8/21

In: -35.660+/-107.448 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2395.175+/-71.251 χ^2/NDF : 9295.8/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.398+/-0.076 χ^2/NDF : 3310923.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.494+/-0.067 χ^2/NDF : 3615485.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

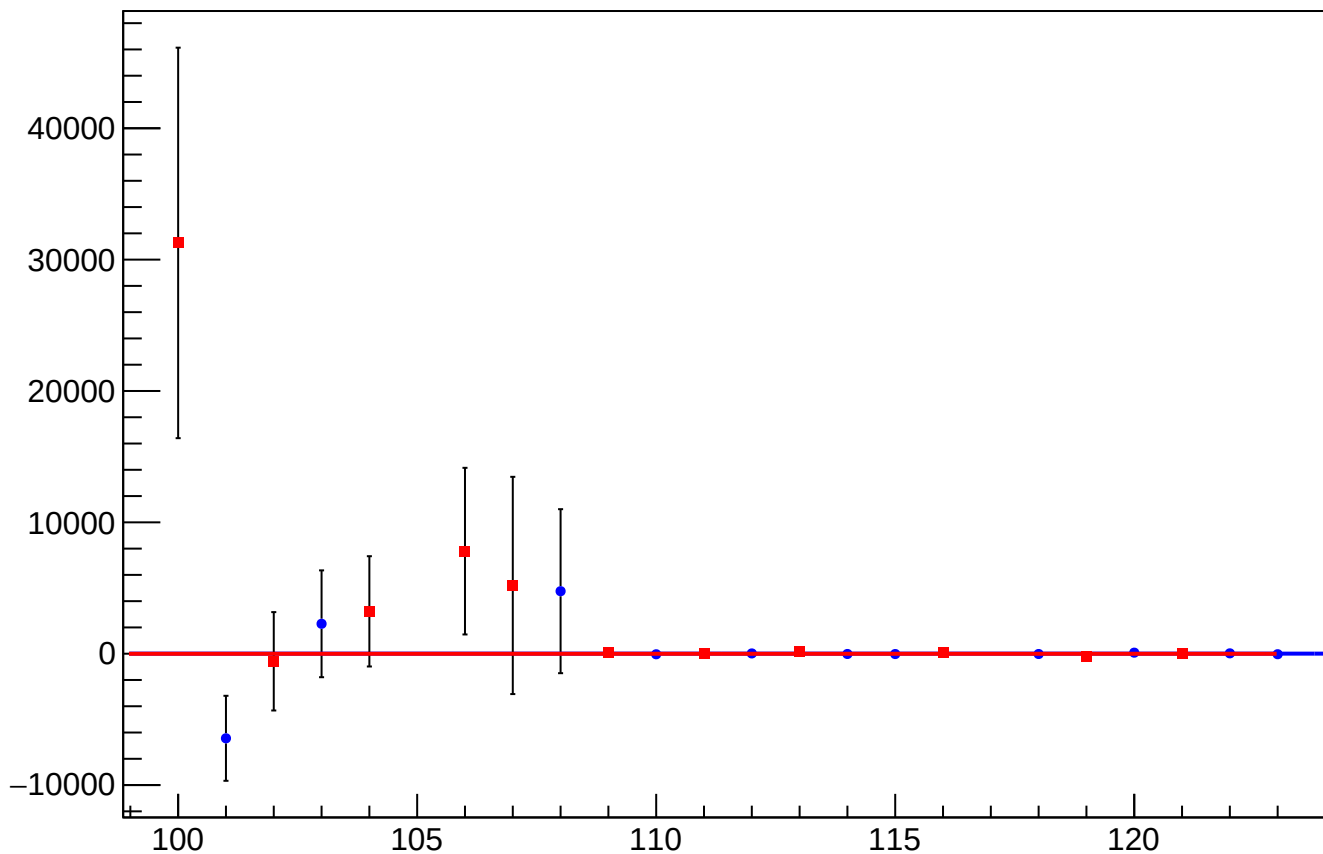
Right: 156.927+/-0.050 χ^2/NDF : 6954143.6/21

In: 166.398+/-0.076 χ^2/NDF : 3310923.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.927+/-0.050 χ^2/NDF : 6954143.6/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.588+/-19.698 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.858+/-19.421 χ^2/NDF : 59.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

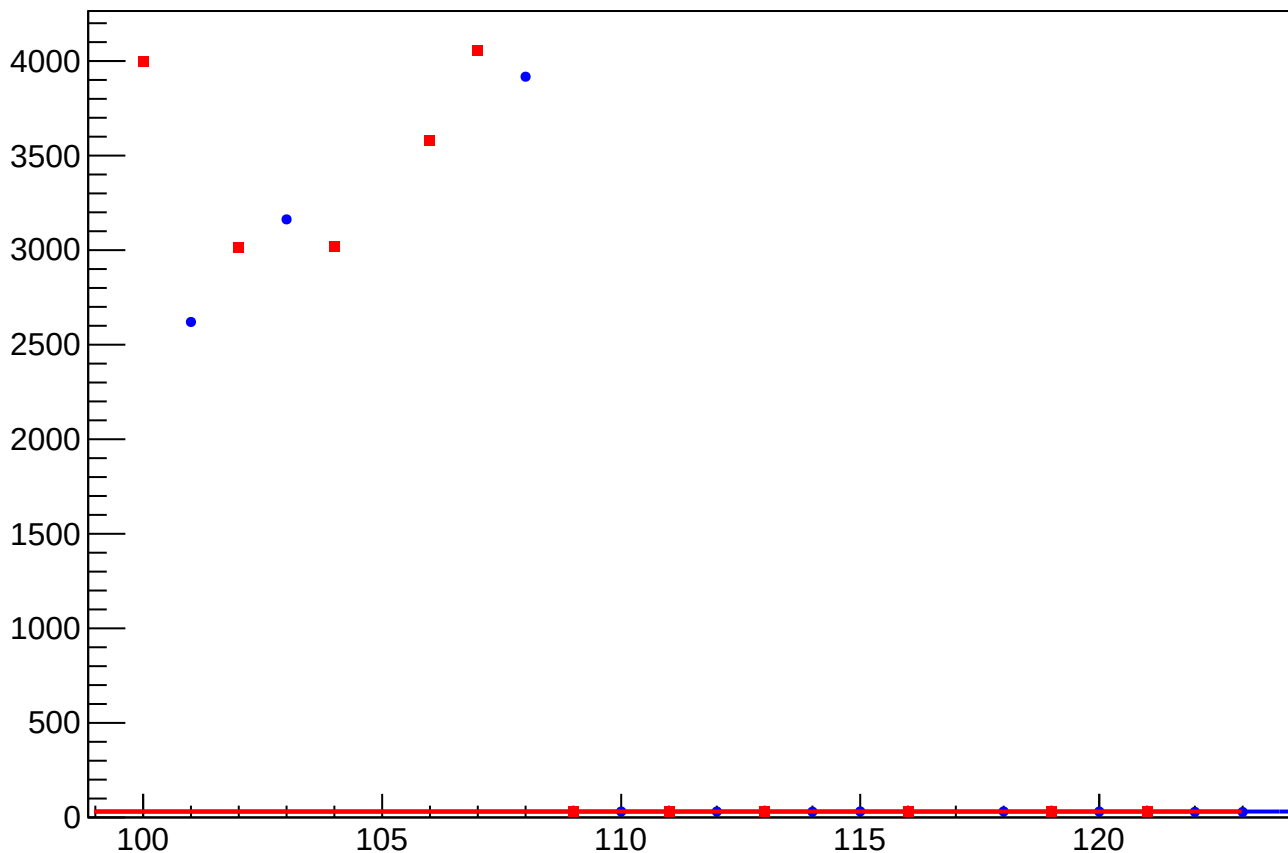
Right: -0.216+/-13.829 χ^2/NDF : 68.0/21

In: 5.588+/-19.698 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.216+/-13.829 χ^2/NDF : 68.0/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.257+/-0.014 χ^2/NDF : 3245151.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.425+/-0.014 χ^2/NDF : 3536334.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

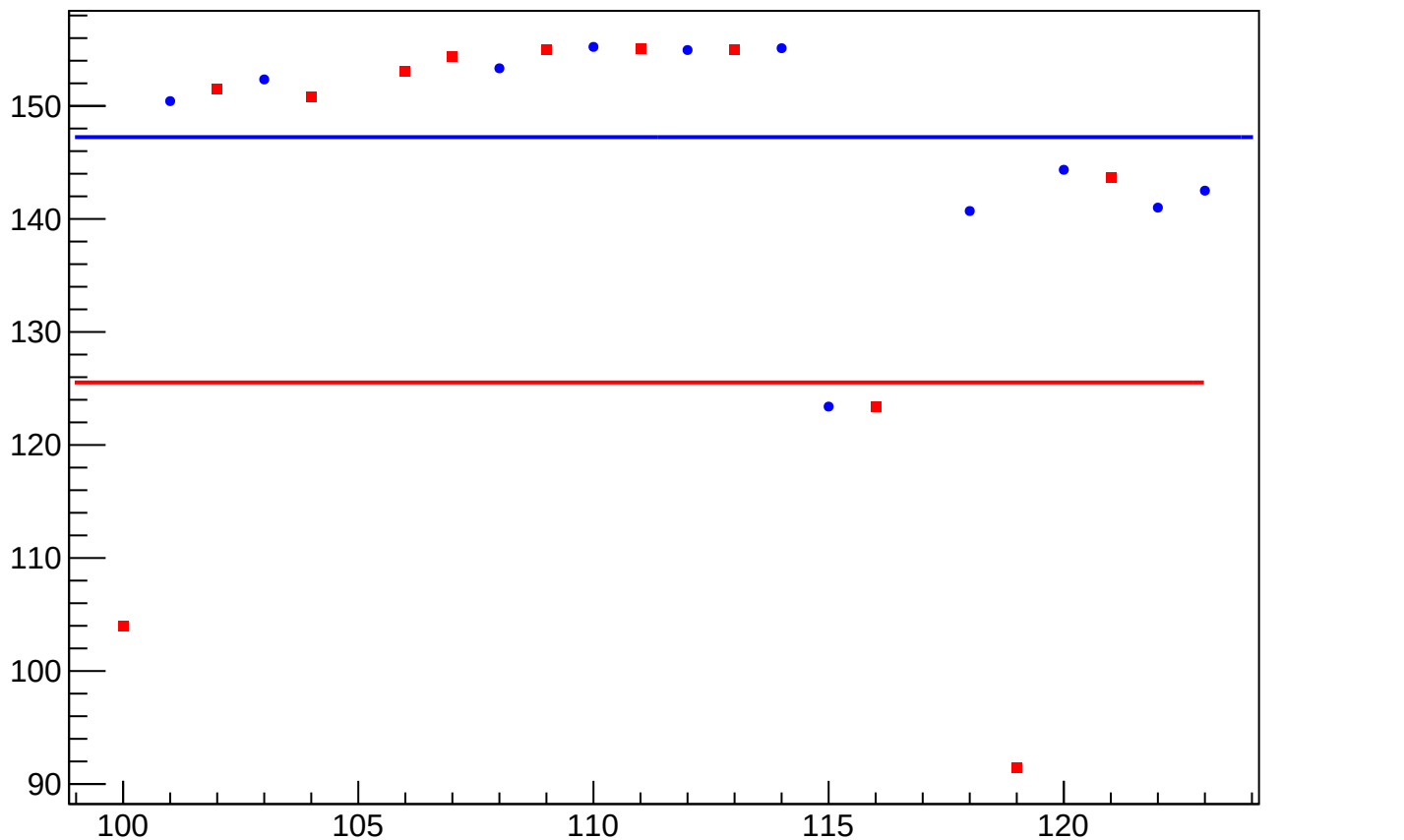
Right: 31.342+/-0.010 χ^2/NDF : 6781560.0/21

In: 31.257+/-0.014 χ^2/NDF : 3245151.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

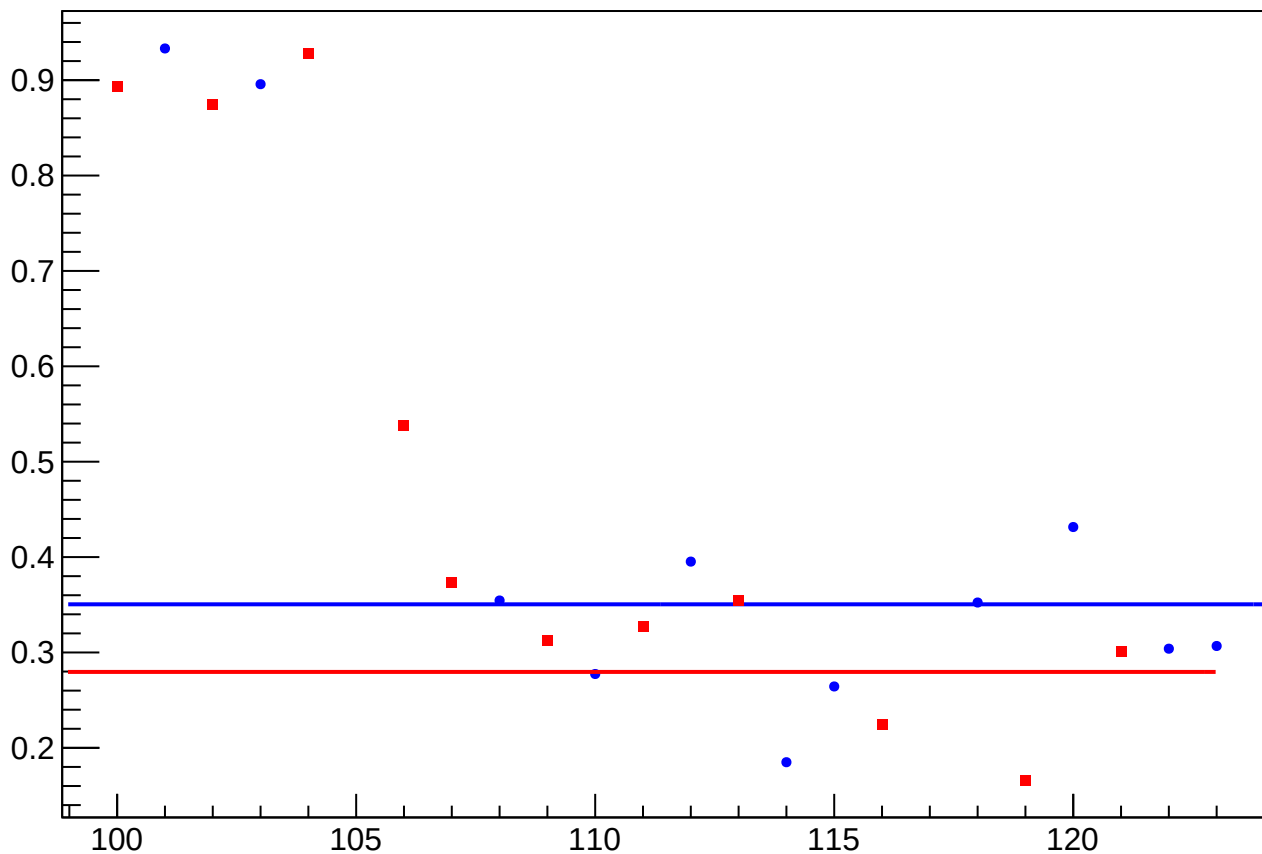
All: 31.342+/-0.010 χ^2/NDF : 6781560.0/21

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 147.238 $\pm$ 0.000 χ^2 /NDF: 2145983362.9/10
 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: 134.052 $\pm$ 0.000 χ^2 /NDF: 42124605344.9/21
 In: 147.238 $\pm$ 0.000 χ^2 /NDF: 2145983362.9/10
 Right Out: 125.533 $\pm$ 0.000 χ^2 /NDF: 32639443529.8/10
 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: 134.052 $\pm$ 0.000 χ^2 /NDF: 42124605344.9/21

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1205249.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.280+/-0.000 χ^2/NDF : 1791958.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

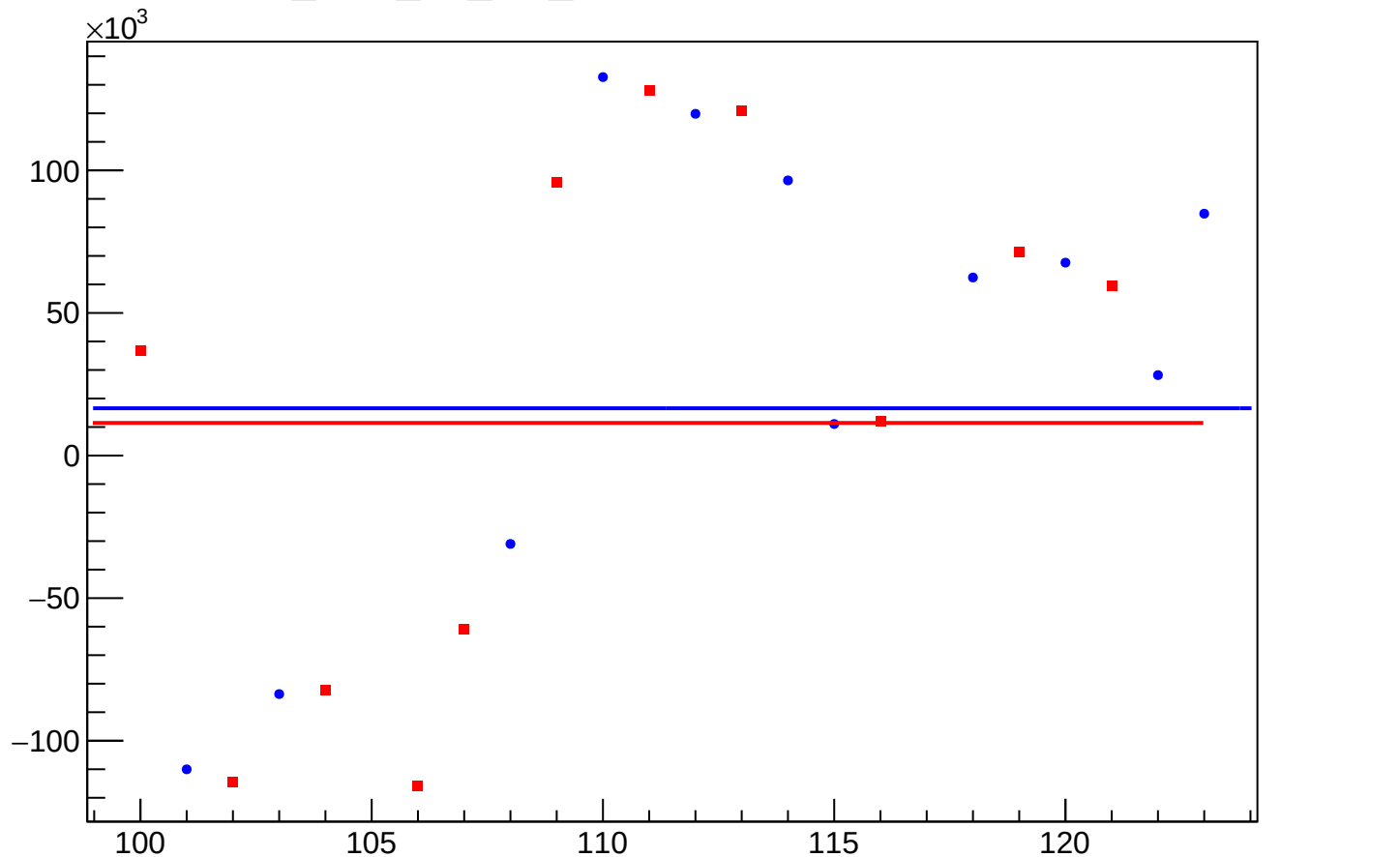
Right: 0.307+/-0.000 χ^2/NDF : 3153732.9/21

In: 0.350+/-0.000 χ^2/NDF : 1205249.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

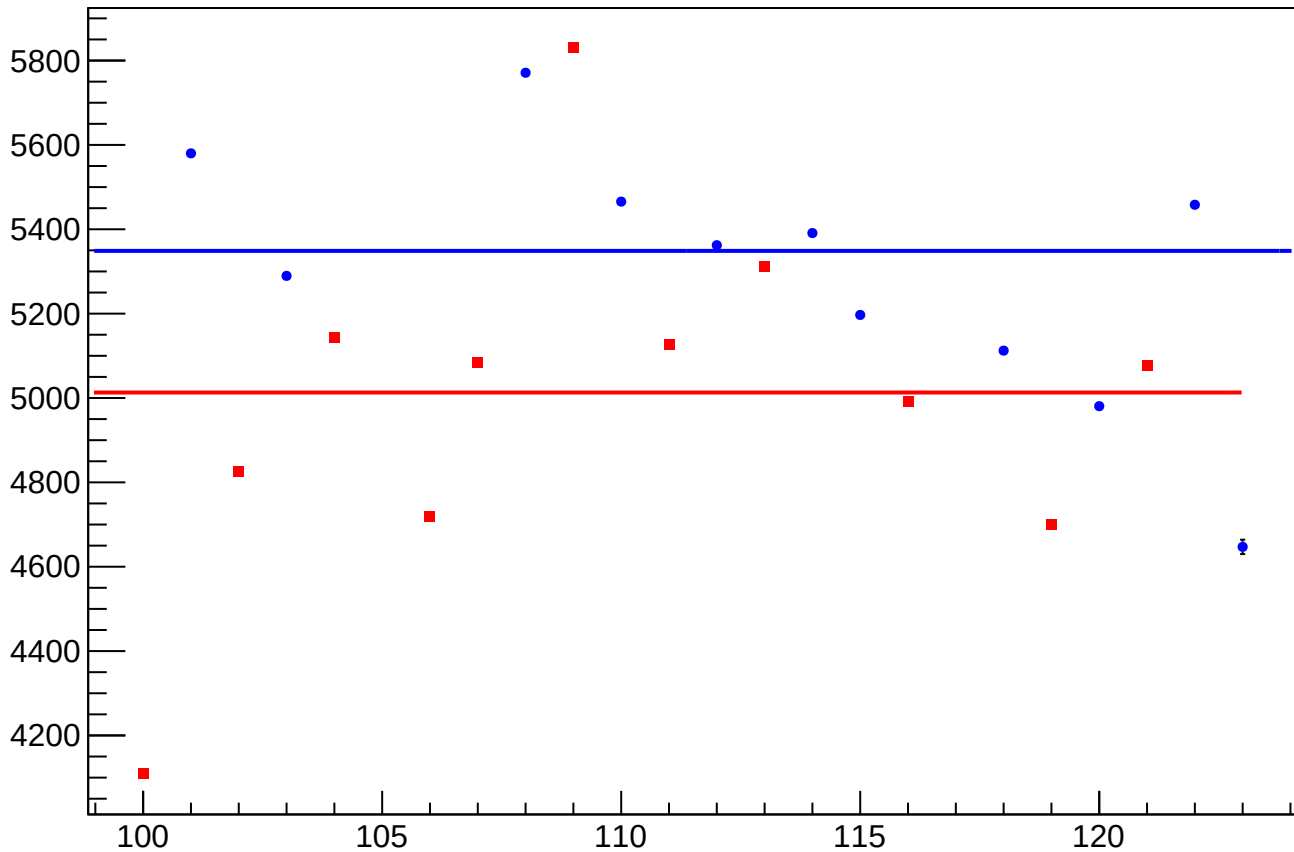
All: 0.307+/-0.000 χ^2/NDF : 3153732.9/21

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 16580.156 $\pm$ 2.711 χ^2 /NDF: 1003624389.5/10
 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: 13680.093 $\pm$ 1.790 χ^2 /NDF: 2546998604.5/2
 In: 16580.156 $\pm$ 2.711 χ^2 /NDF: 1003624389.5/10
 Right Out: 11438.418 $\pm$ 2.383 χ^2 /NDF: 1541344607.6/10
 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: 13680.093 $\pm$ 1.790 χ^2 /NDF: 2546998604.5/2

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5348.765+/-1.917 χ^2/NDF : 14466.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5012.989+/-1.685 χ^2/NDF : 41394.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

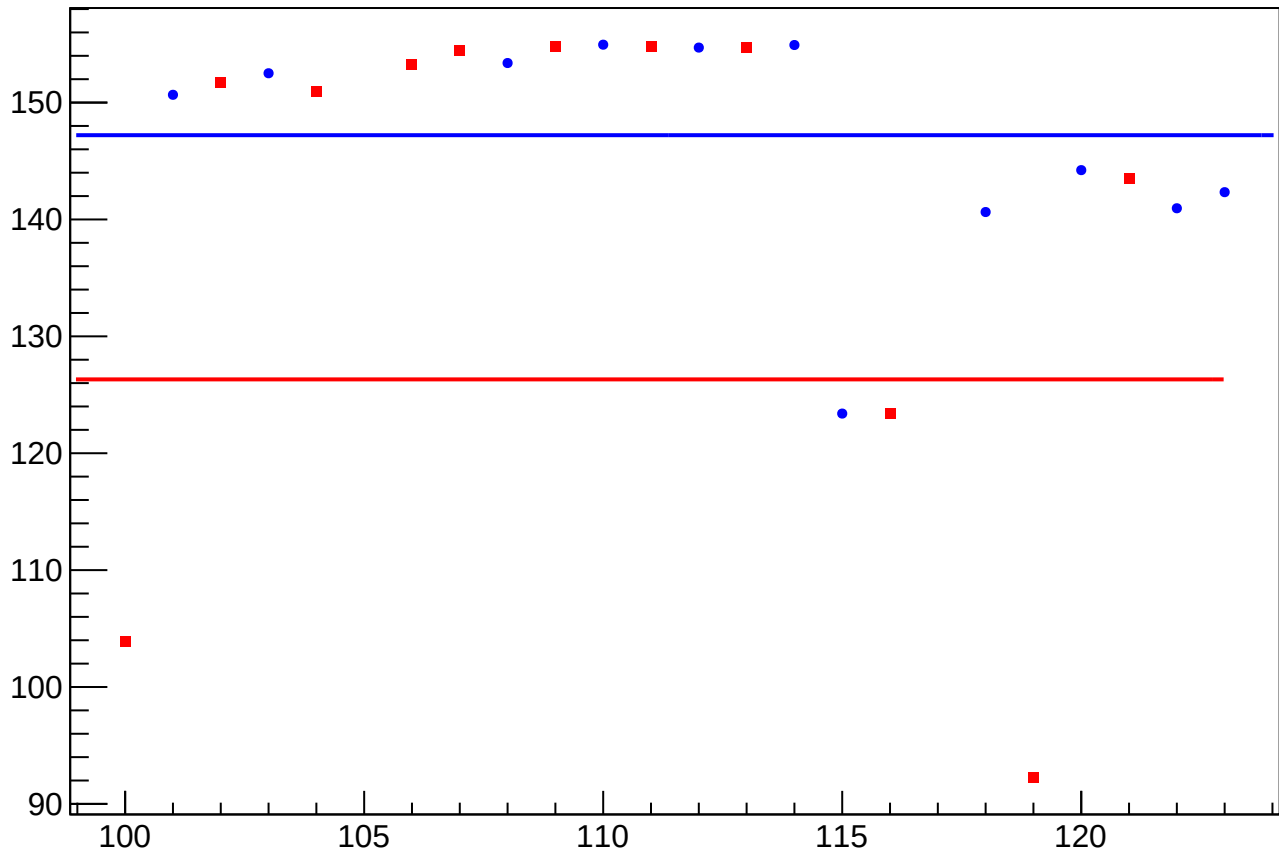
Right: 5159.380+/-1.266 χ^2/NDF : 73171.7/21

In: 5348.765+/-1.917 χ^2/NDF : 14466.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5159.380+/-1.266 χ^2/NDF : 73171.7/21

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 147.210+/-0.000 χ^2/NDF : 2152415988.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.317+/-0.000 χ^2/NDF : 31659828538.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

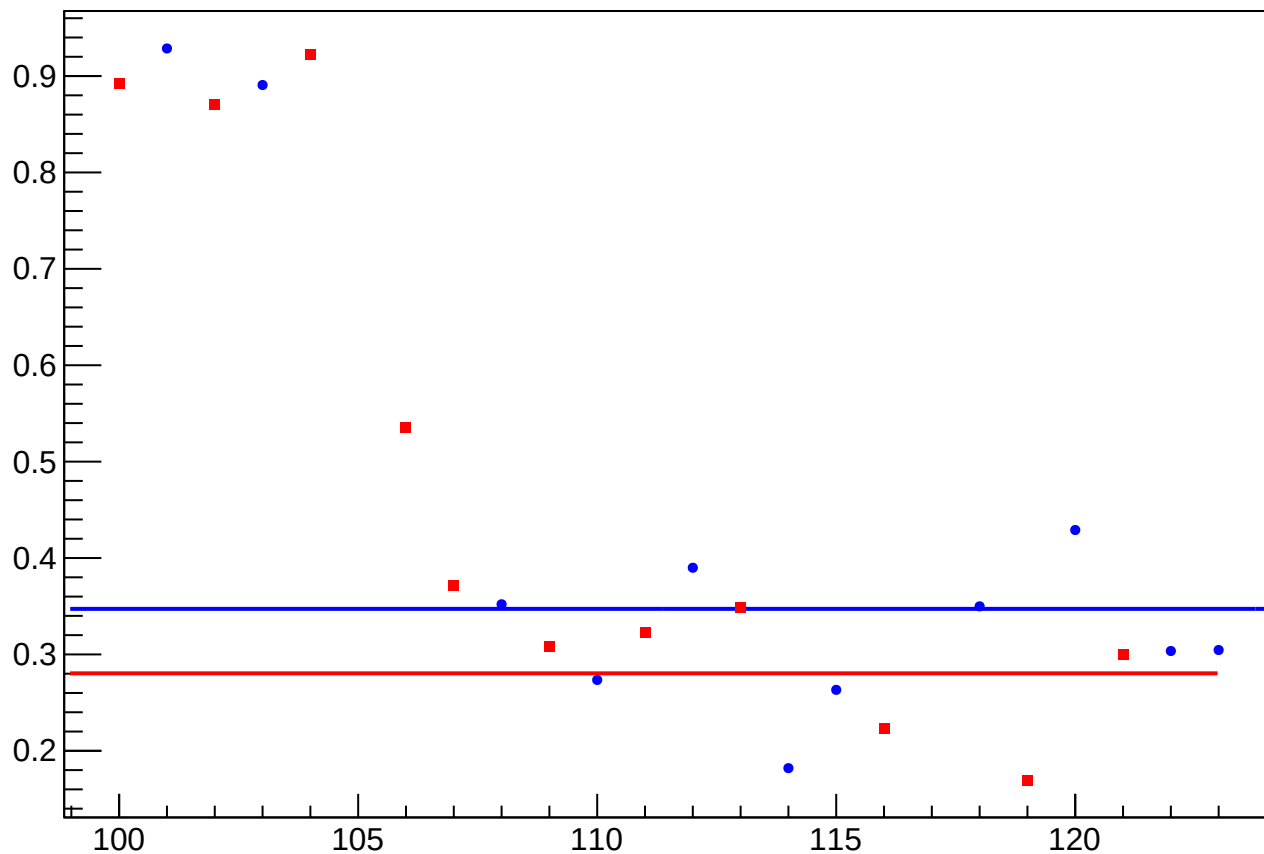
Right: 134.581+/-0.000 χ^2/NDF : 40695082545.7/21

In: 147.210+/-0.000 χ^2/NDF : 2152415988.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.581+/-0.000 χ^2/NDF : 40695082545.7/21

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.347+/-0.000 χ^2/NDF : 1212915.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.280+/-0.000 χ^2/NDF : 1745446.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

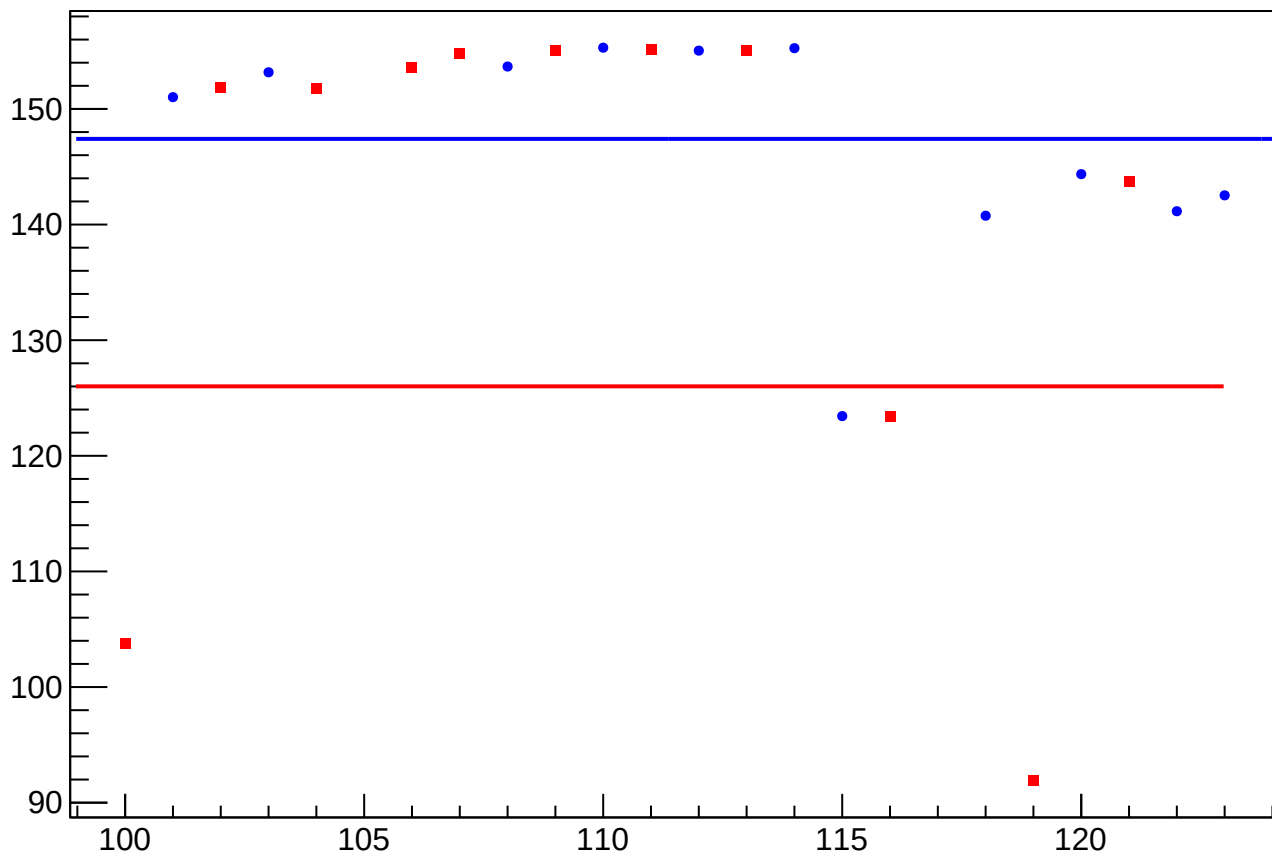
Right: 0.307+/-0.000 χ^2/NDF : 3099454.2/21

In: 0.347+/-0.000 χ^2/NDF : 1212915.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.307+/-0.000 χ^2/NDF : 3099454.2/21

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 147.410+/-0.000 χ^2/NDF : 2161680864.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.008+/-0.000 χ^2/NDF : 32130300888.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

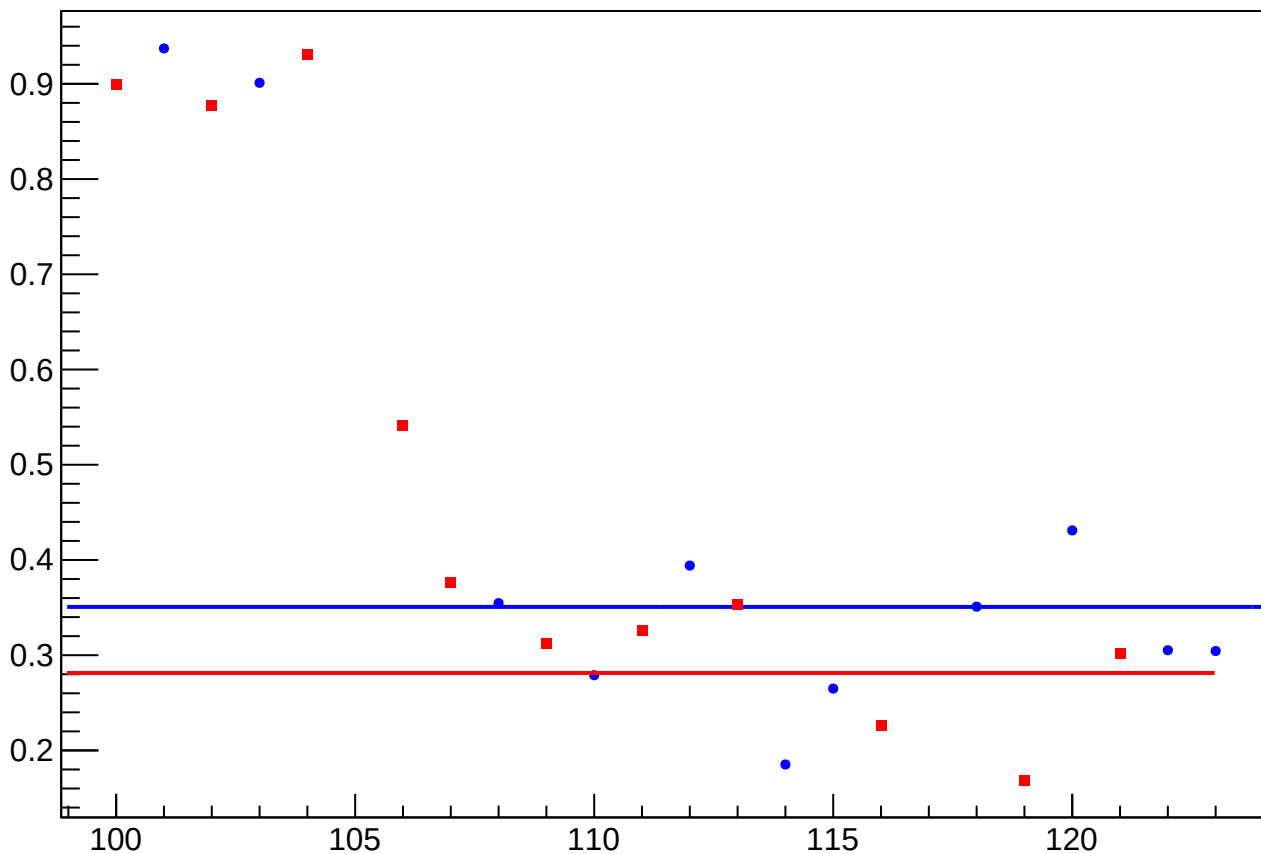
Right: 134.435+/-0.000 χ^2/NDF : 41403296208.4/21

In: 147.410+/-0.000 χ^2/NDF : 2161680864.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.435+/-0.000 χ^2/NDF : 41403296208.4/21

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1206511.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.281+/-0.000 χ^2/NDF : 1770783.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

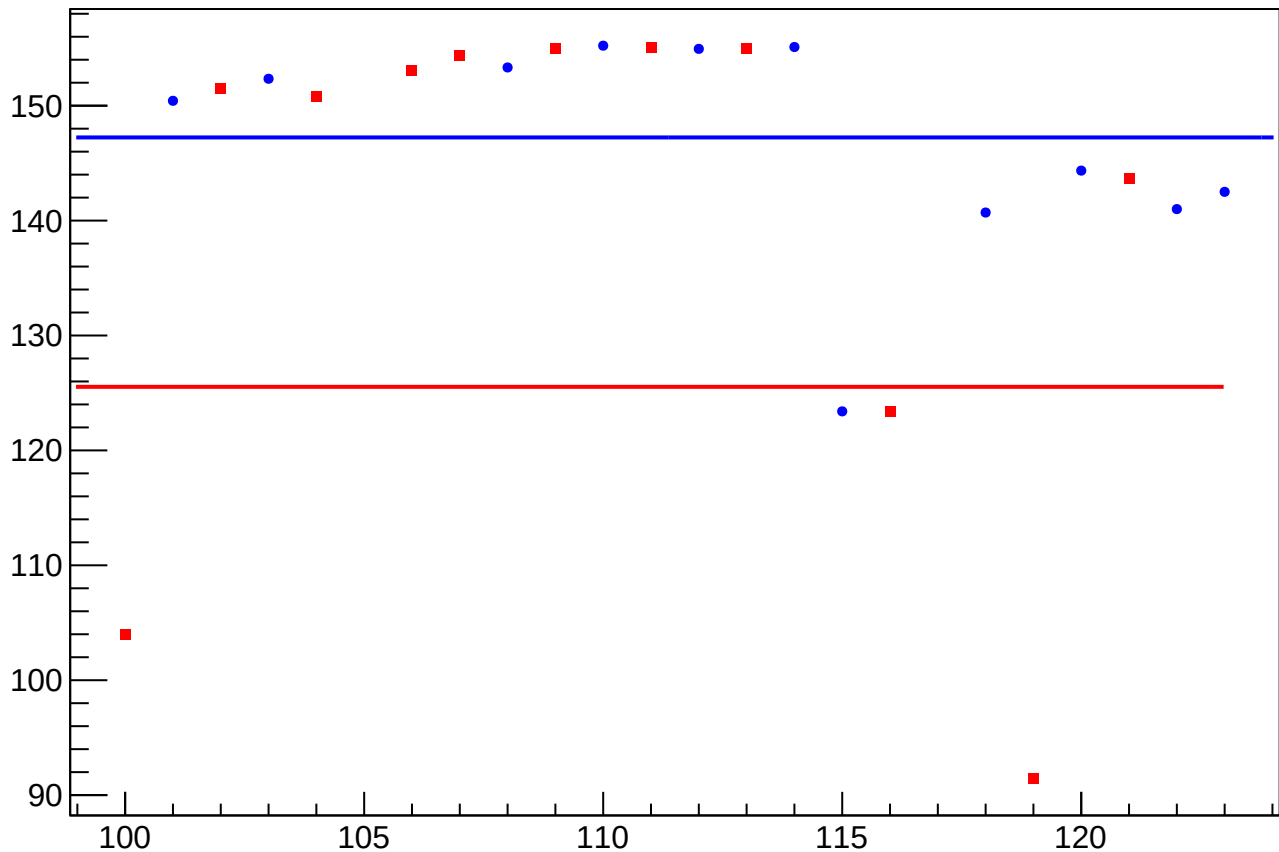
Right: 0.309+/-0.000 χ^2/NDF : 3126699.3/21

In: 0.351+/-0.000 χ^2/NDF : 1206511.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.309+/-0.000 χ^2/NDF : 3126699.3/21

yield_bcm_an_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 147.238+/-0.000 χ^2/NDF : 2145983362.9/10

Right: 134.052+/-0.000 χ^2/NDF : 42124605344.9/21

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.533+/-0.000 χ^2/NDF : 32639443529.8/10

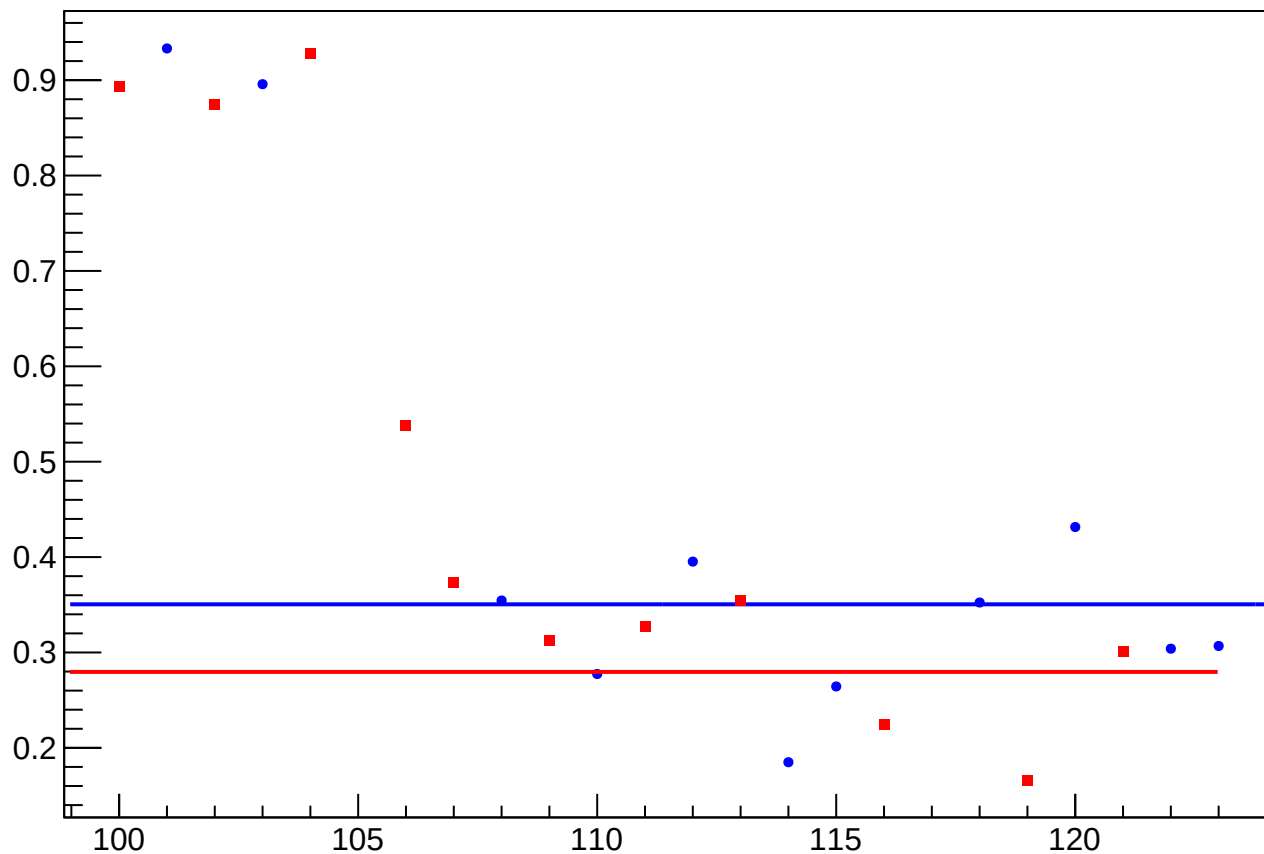
In: 147.238+/-0.000 χ^2/NDF : 2145983362.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.052+/-0.000 χ^2/NDF : 42124605344.9/21

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1205249.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.280+/-0.000 χ^2/NDF : 1791958.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

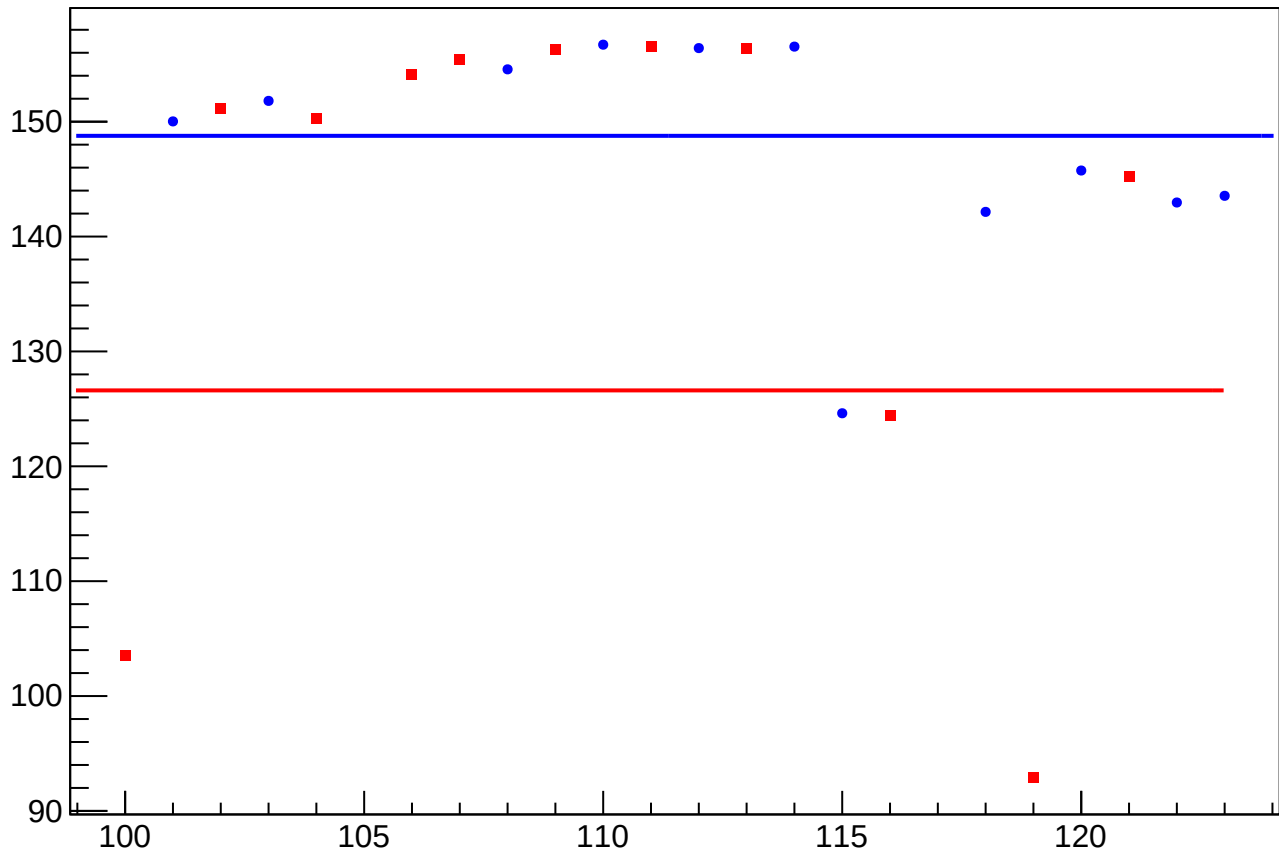
Right: 0.307+/-0.000 χ^2/NDF : 3153732.9/21

In: 0.350+/-0.000 χ^2/NDF : 1205249.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.307+/-0.000 χ^2/NDF : 3153732.9/21

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 148.769+/-0.000 χ^2/NDF : 1967788433.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.607+/-0.000 χ^2/NDF : 31192307658.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

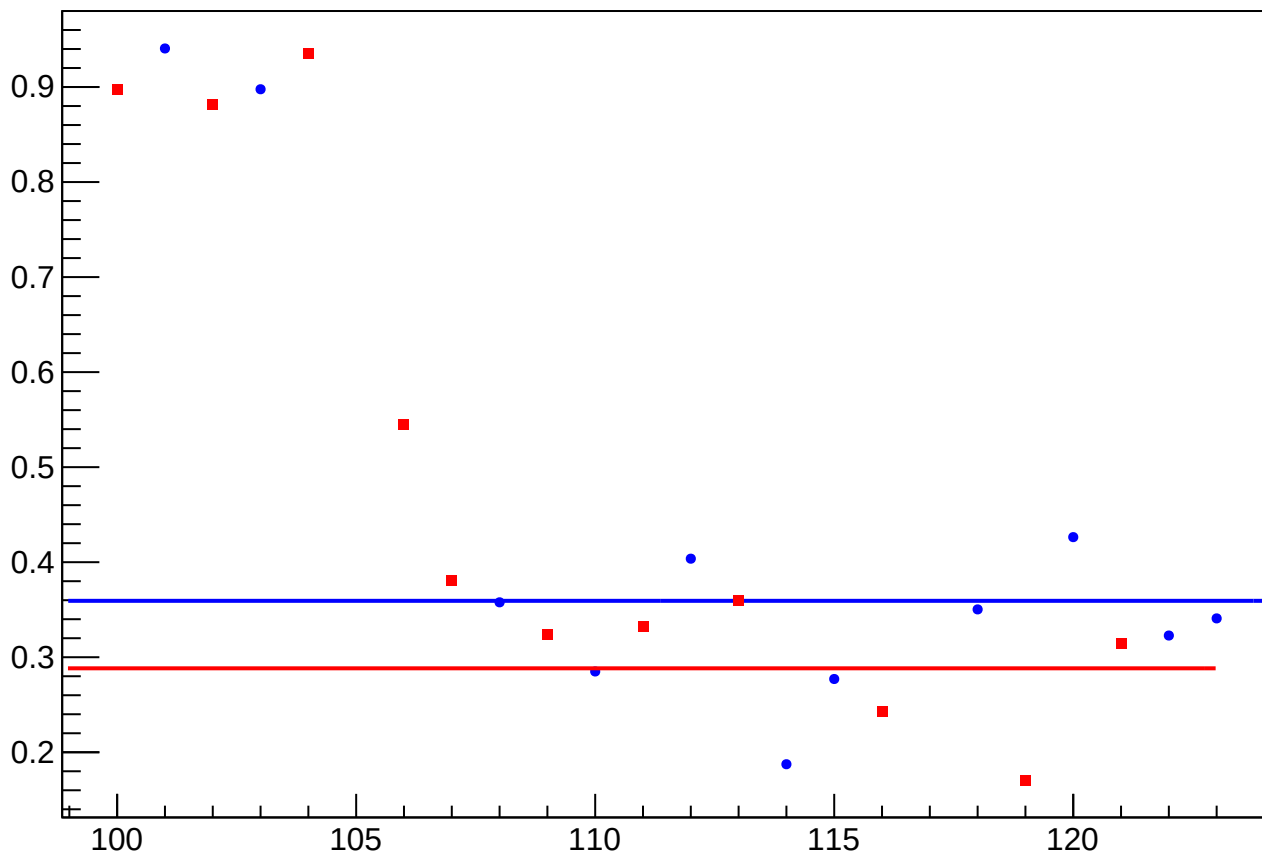
Right: 135.355+/-0.000 χ^2/NDF : 40445428062.1/21

In: 148.769+/-0.000 χ^2/NDF : 1967788433.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.355+/-0.000 χ^2/NDF : 40445428062.1/21

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.359+/-0.000 χ^2/NDF : 1167686.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.288+/-0.000 χ^2/NDF : 1761251.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

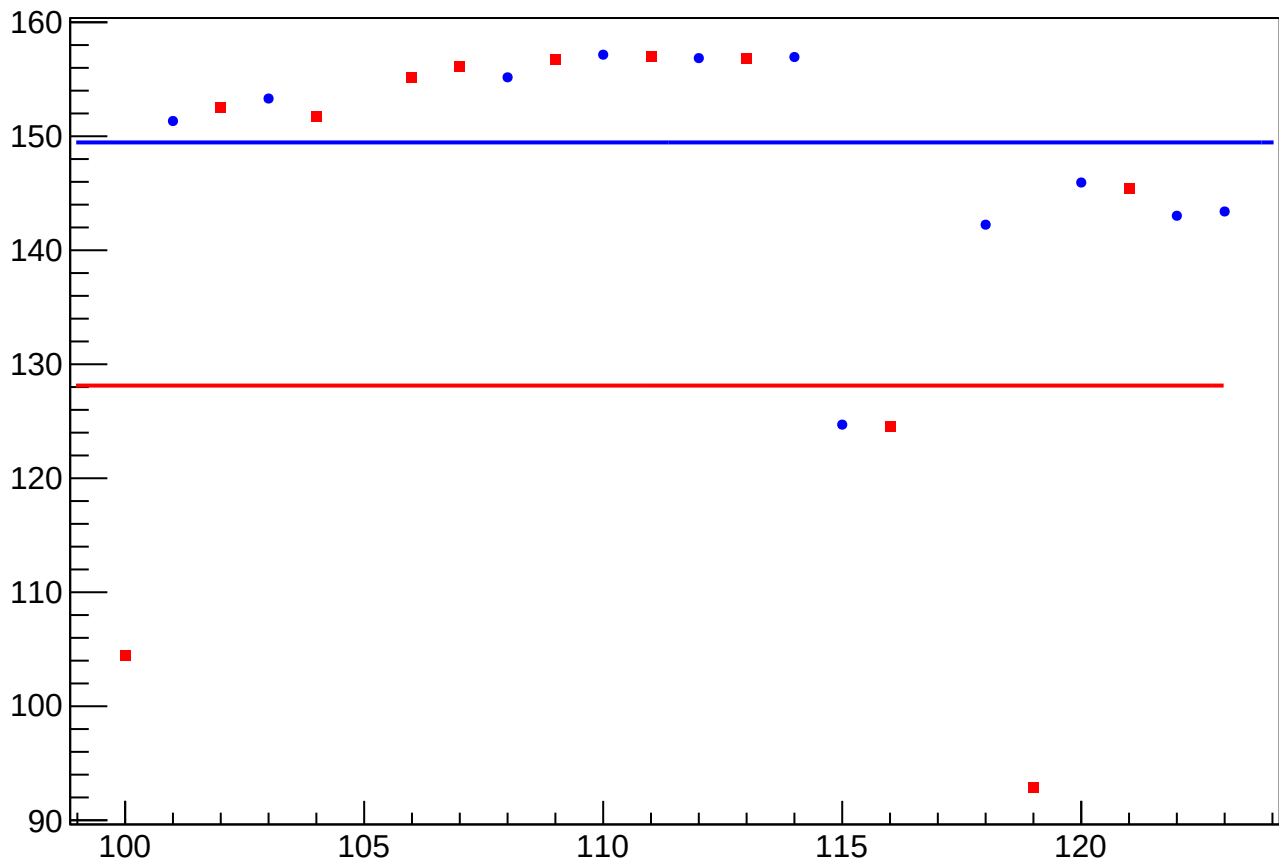
Right: 0.316+/-0.000 χ^2/NDF : 3078532.7/21

In: 0.359+/-0.000 χ^2/NDF : 1167686.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

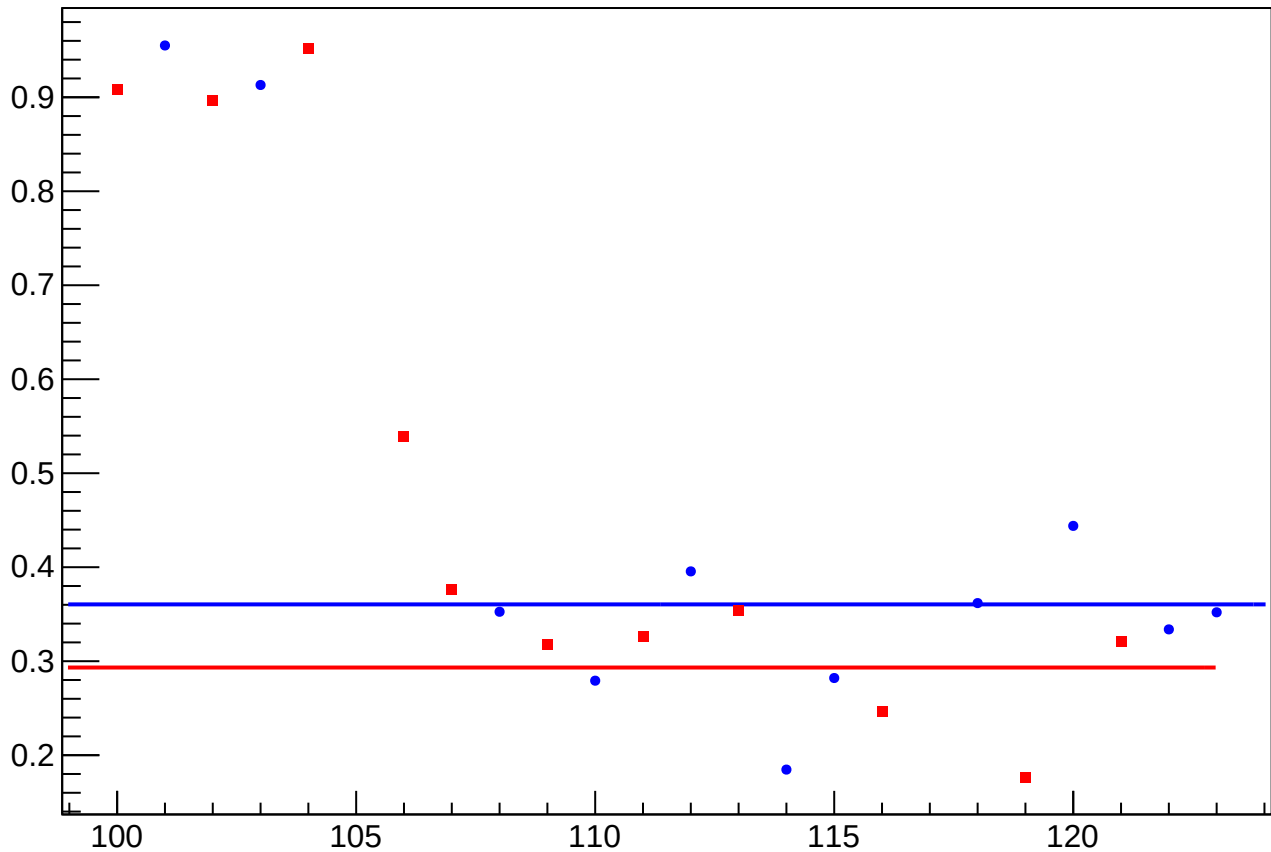
All: 0.316+/-0.000 χ^2/NDF : 3078532.7/21

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 149.459+/-0.000 χ^2/NDF : 2014839290.8/10
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 136.624+/-0.000 χ^2/NDF : 39501288408.9/21
 Right Out: 128.131+/-0.000 χ^2/NDF : 30844048469.5/10
 In: 149.459+/-0.000 χ^2/NDF : 2014839290.8/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 136.624+/-0.000 χ^2/NDF : 39501288408.9/21

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1199745.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.293+/-0.000 χ^2/NDF : 1692997.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

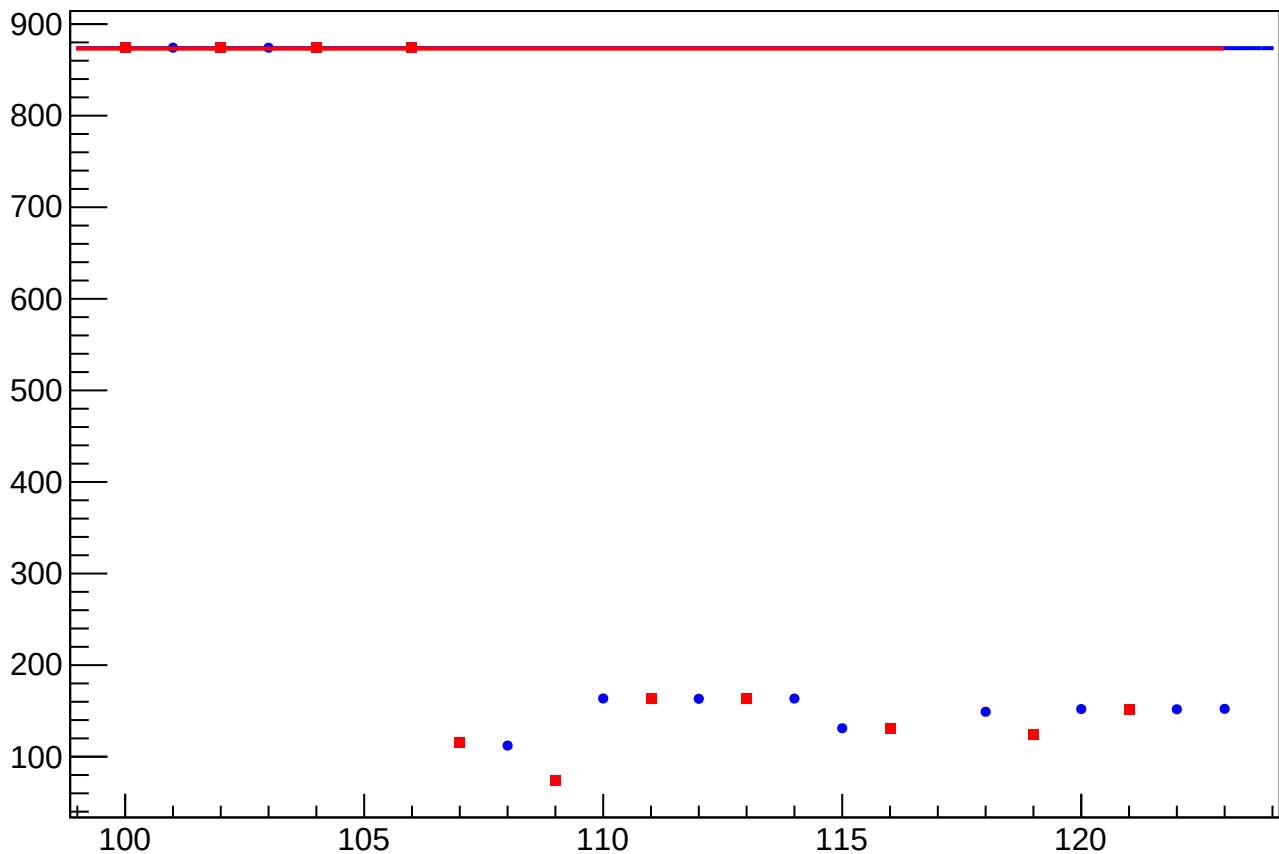
Right: 0.320+/-0.000 χ^2/NDF : 3024522.5/21

In: 0.360+/-0.000 χ^2/NDF : 1199745.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.320+/-0.000 χ^2/NDF : 3024522.5/21

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.704+/-0.000 χ^2/NDF : 2684891715371.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.245+/-0.000 χ^2/NDF : 5833253891587.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

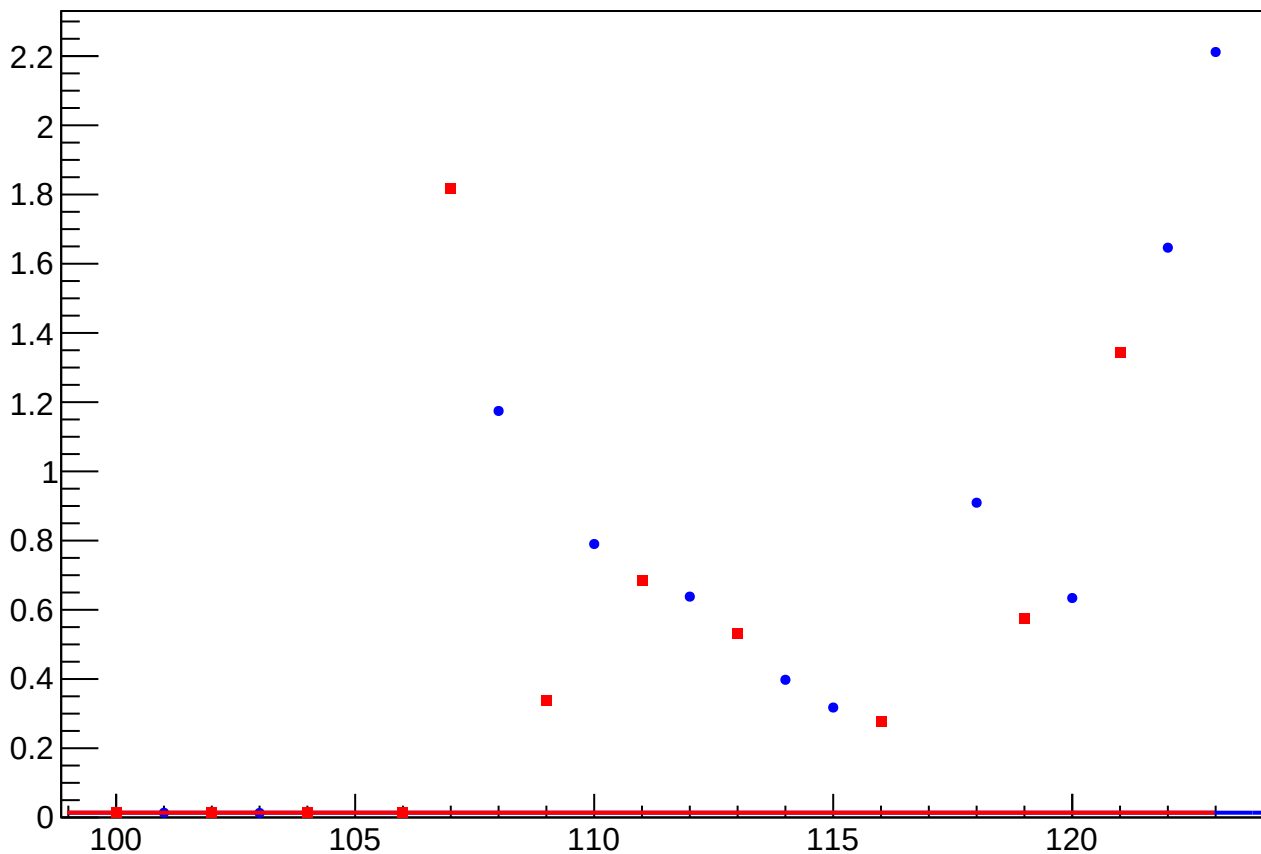
Right: 873.459+/-0.000 χ^2/NDF : 8518948855067.9/10

In: 873.704+/-0.000 χ^2/NDF : 2684891715371.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.459+/-0.000 χ^2/NDF : 8518948855067.9/10

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 4619032.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 4580835.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

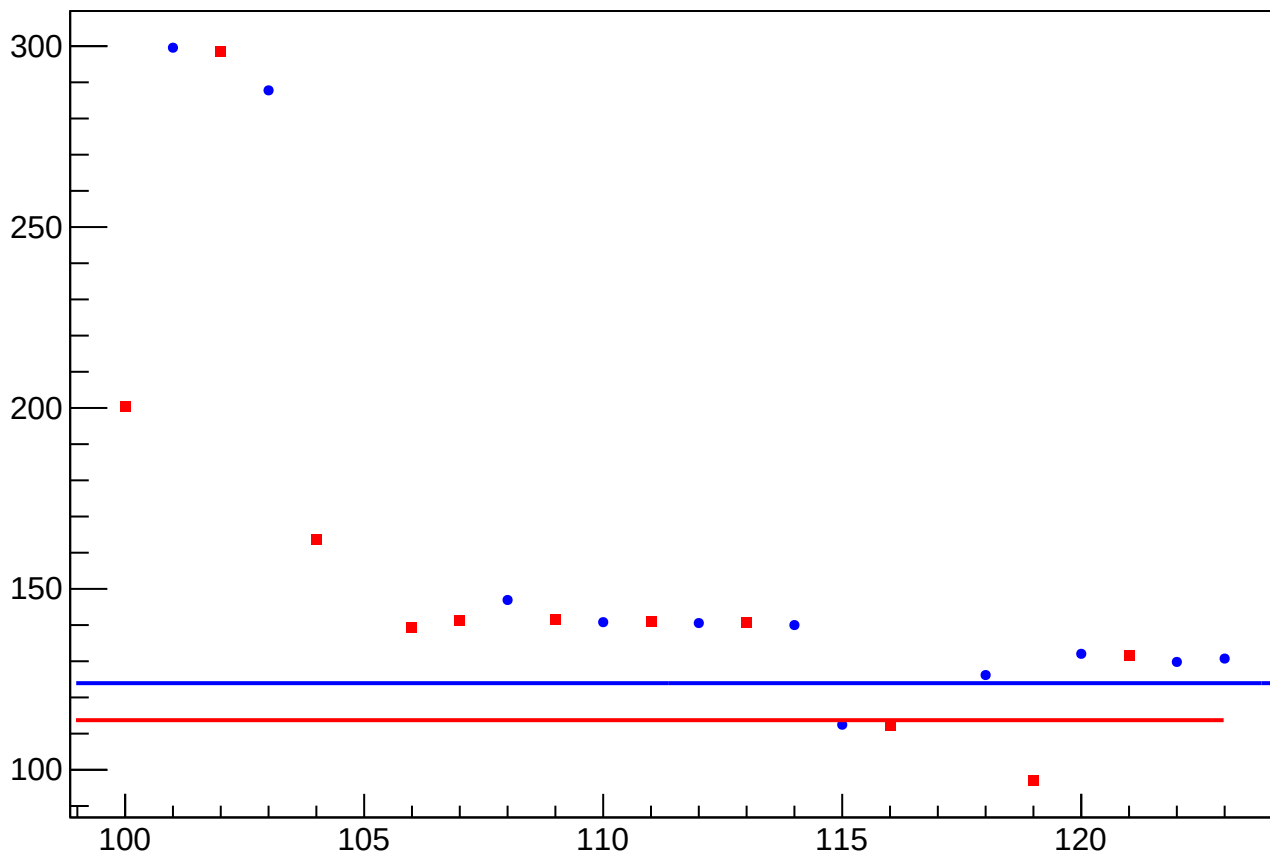
Right: 0.014+/-0.000 χ^2/NDF : 9199891.9/21

In: 0.014+/-0.000 χ^2/NDF :4619032.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

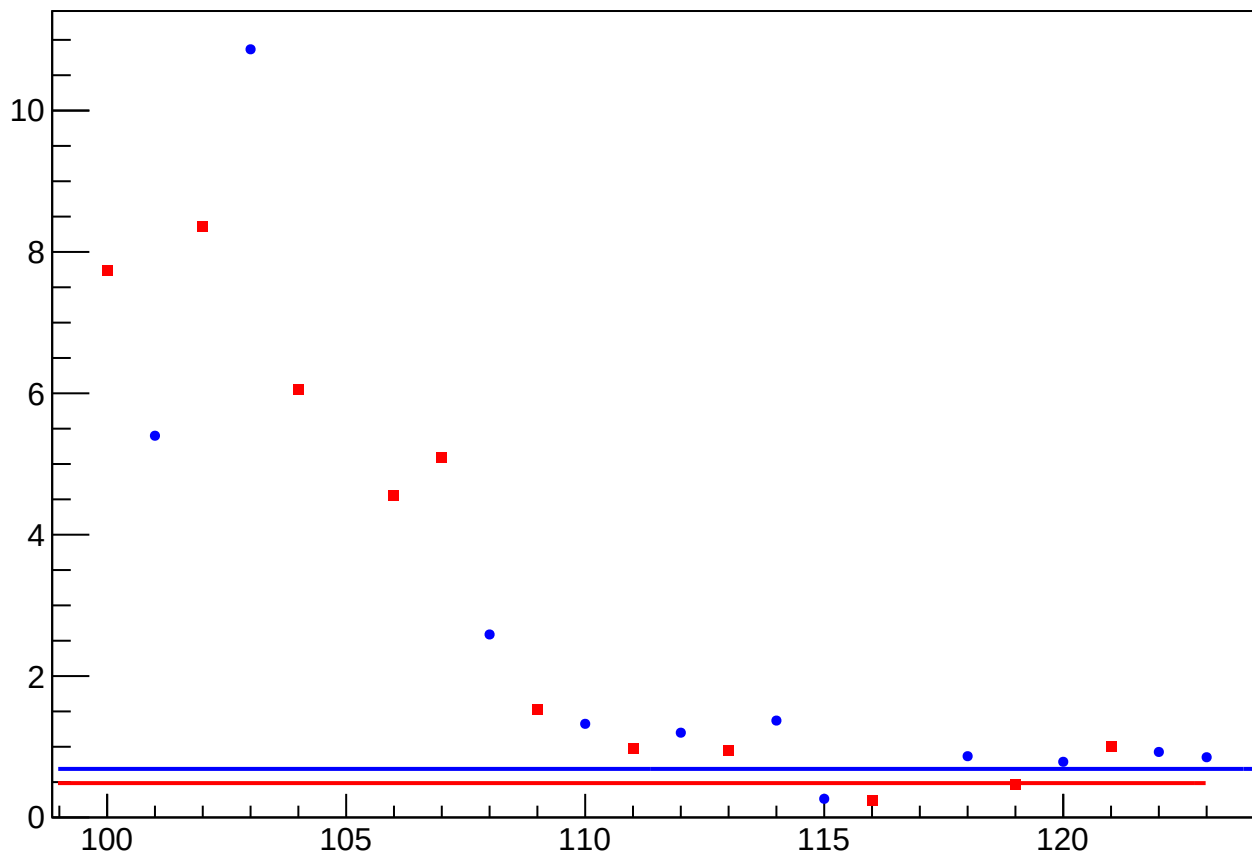
All: 0.014+/-0.000 χ^2/NDF : 9199891.9/21

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 123.946+/-0.001 χ^2/NDF : 1225309780.9/10
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 117.336+/-0.000 χ^2/NDF : 3196311798.7/21
 Right Out: 113.715+/-0.000 χ^2/NDF : 1701634626.2/10
 In: 123.946+/-0.001 χ^2/NDF : 1225309780.9/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 117.336+/-0.000 χ^2/NDF : 3196311798.7

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.687 $\pm$ 0.000 χ^2 /NDF: 3430724.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.486 $\pm$ 0.000 χ^2 /NDF: 4165155.9/10

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

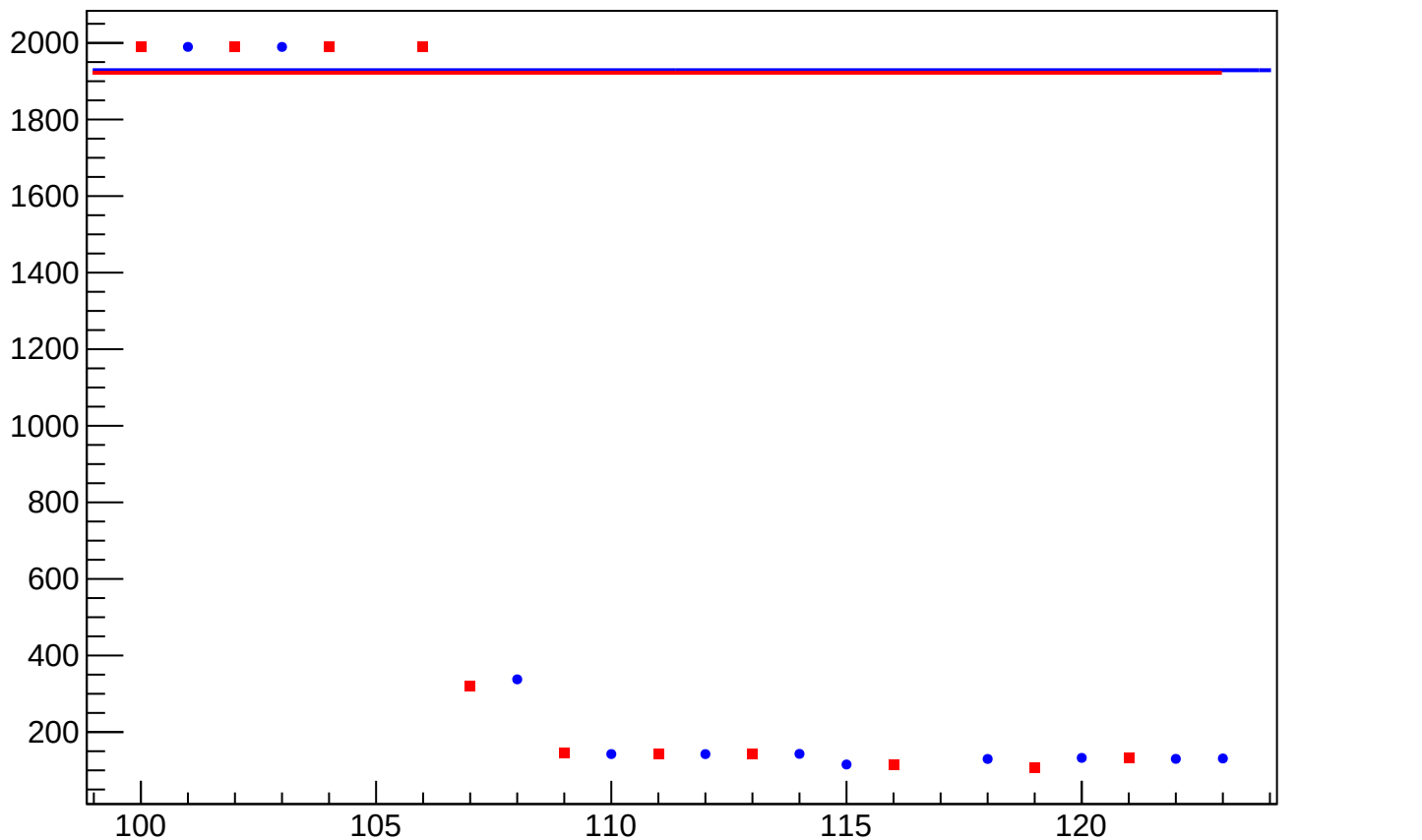
Right: 0.557 $\pm$ 0.000 χ^2 /NDF: 7803529.4/21

In: 0.687 $\pm$ 0.000 χ^2 /NDF:3430724.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

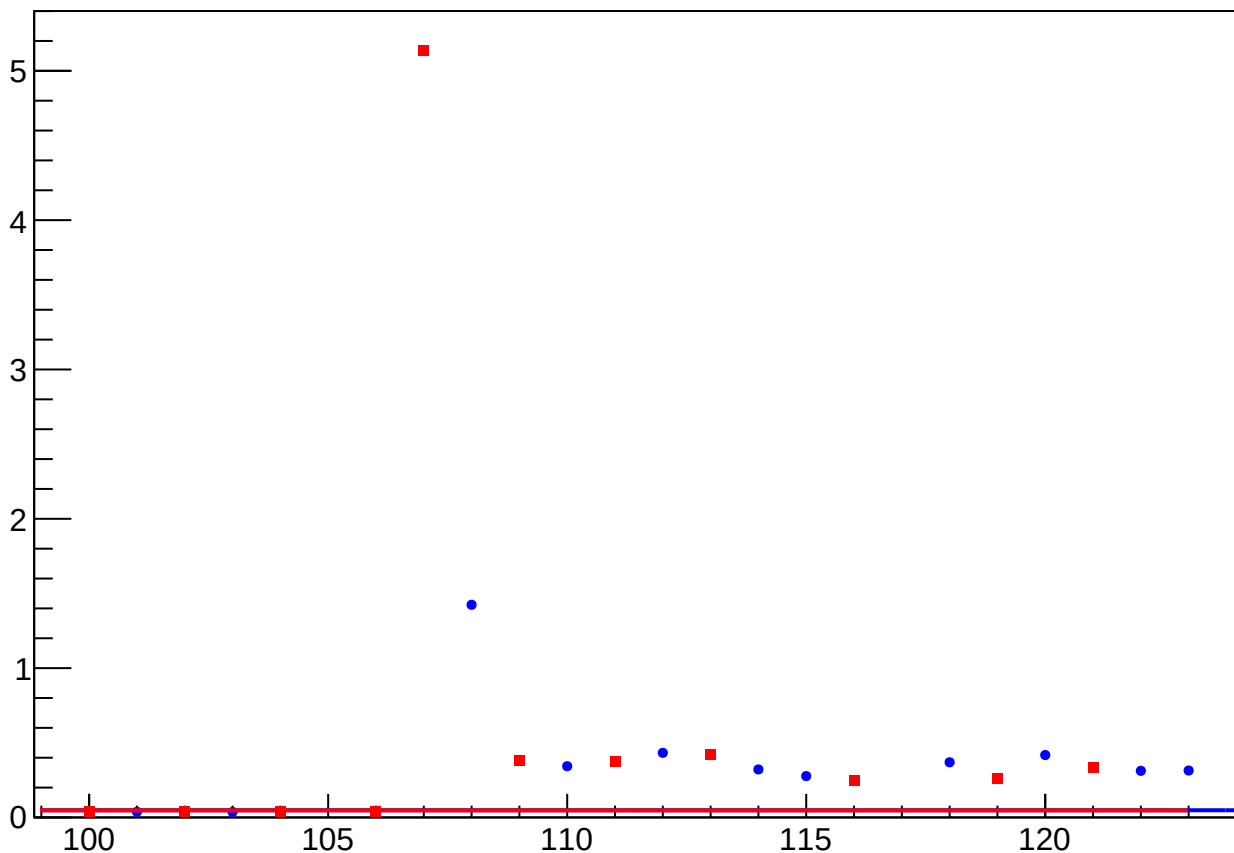
All: 0.557 $\pm$ 0.000 χ^2 /NDF: 7803529.4/21

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
Right In: 1928.733+/-0.000 $\chi^2/NDF: 59246976299167.6/10$
Left Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
Right: 1925.187+/-0.000 $\chi^2/NDF: 13747584969831$
In: 1928.733+/-0.000 $\chi^2/NDF: 59246976299167.6$
Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
Left In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
All: 1925.187+/-0.000 $\chi^2/NDF: 13747584969$

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.048+/-0.000 χ^2/NDF : 4093958.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 3884997.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

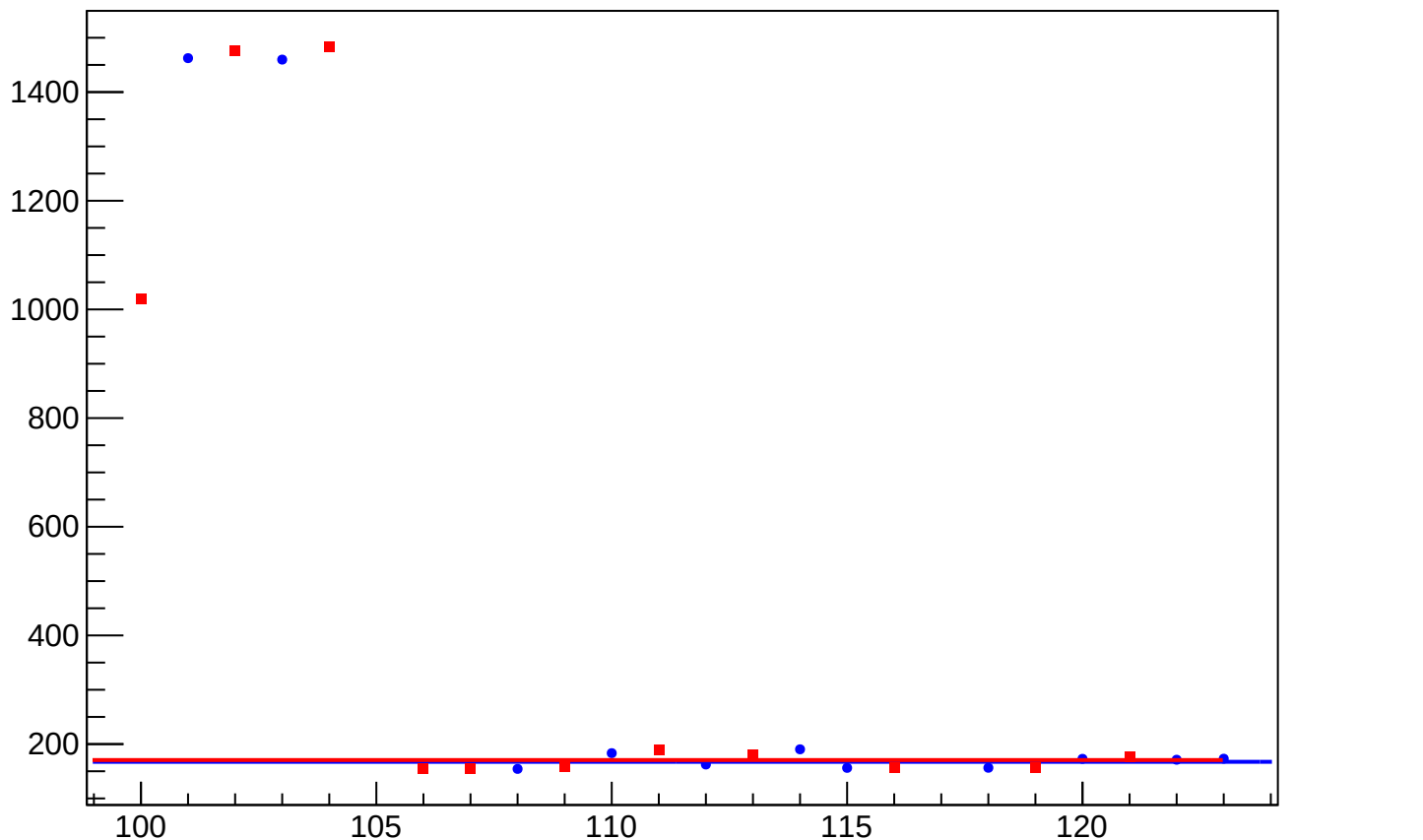
Right: 0.048+/-0.000 χ^2/NDF : 7979256.8/21

In: 0.048+/-0.000 χ^2/NDF : 4093958.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

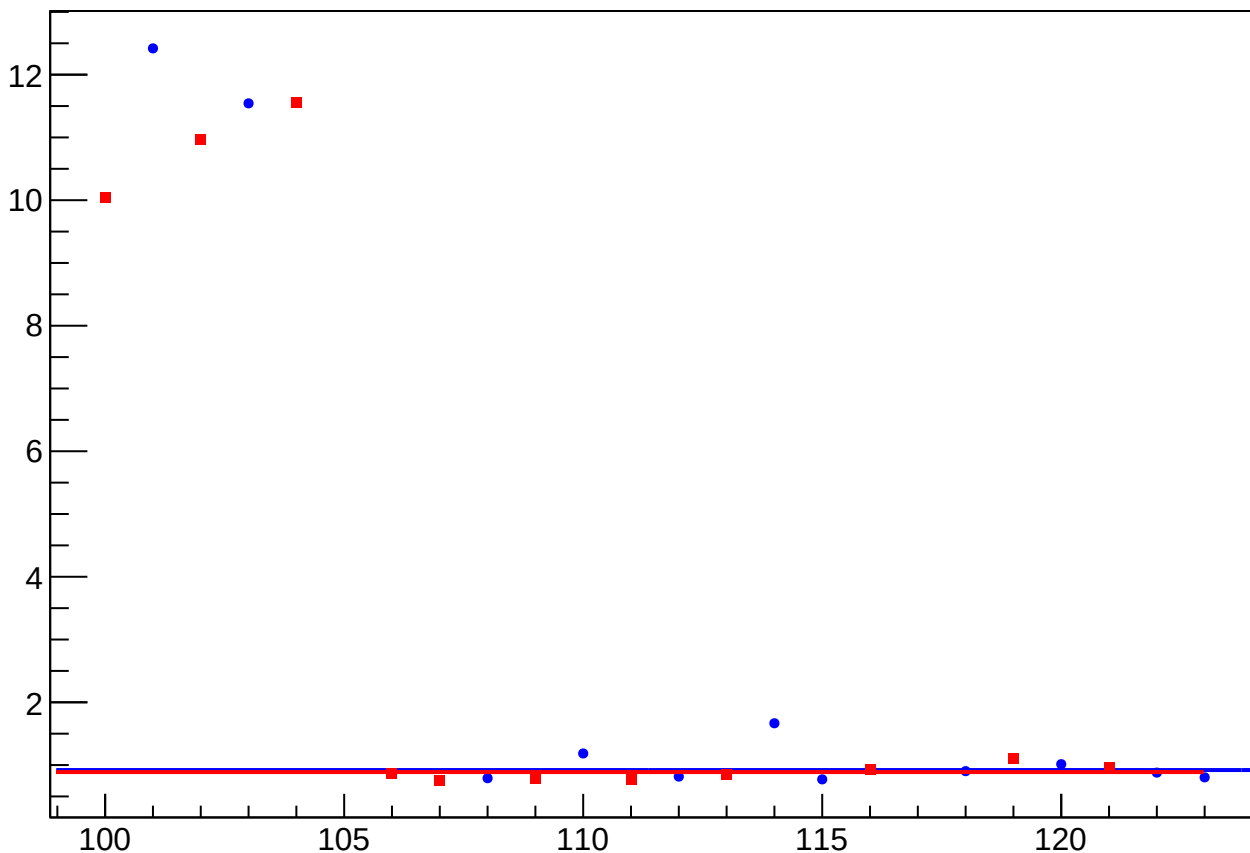
All: 0.048+/-0.000 χ^2/NDF : 7979256.8/21

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 167.395+/-0.001 χ^2/NDF : 14343789791.2/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 170.633+/-0.001 χ^2/NDF : 16116048941.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 169.155+/-0.000 χ^2/NDF : 30474510650.7/21

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.920+/-0.000 χ^2/NDF : 2157214.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.888+/-0.000 χ^2/NDF : 2070157.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

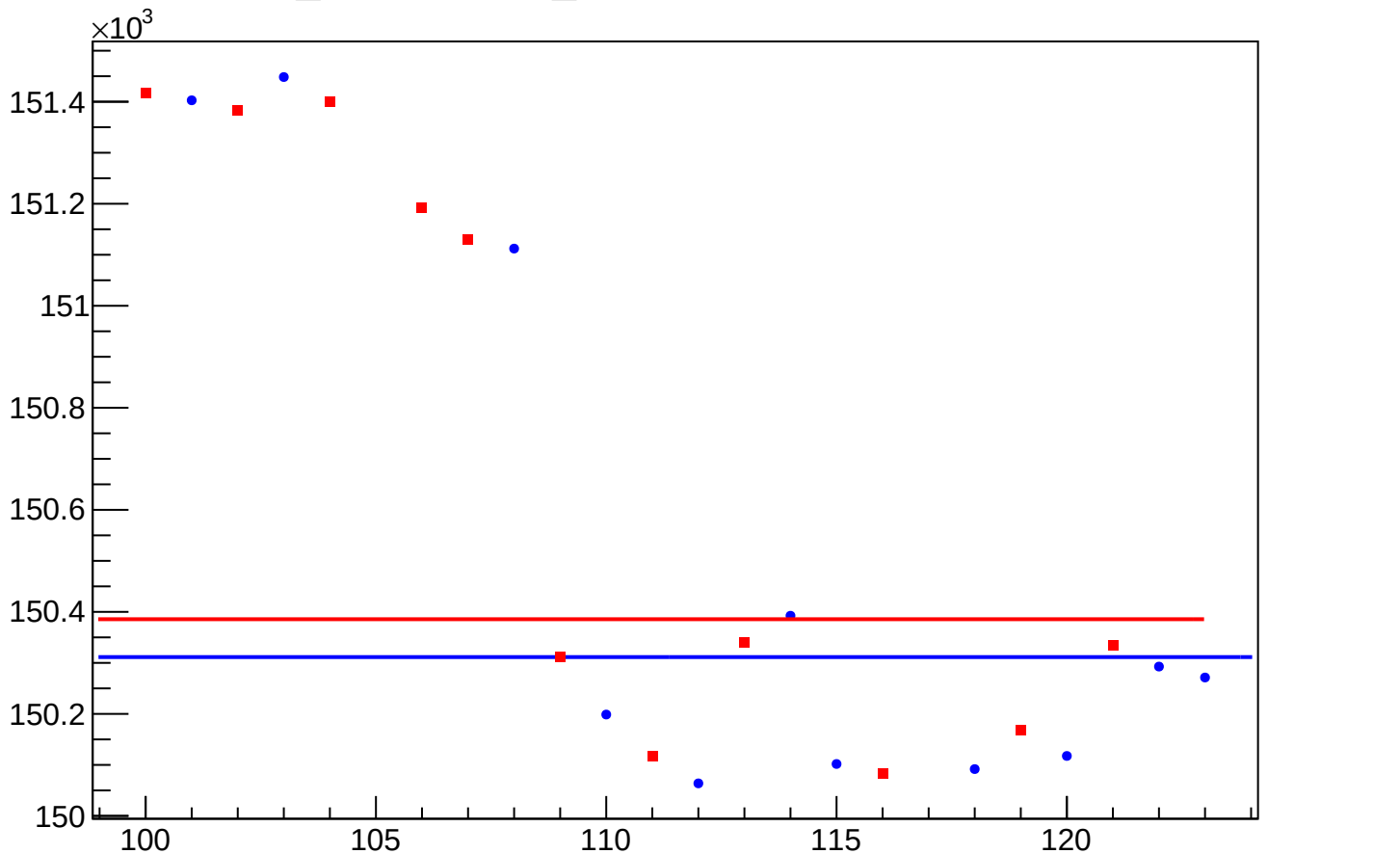
Right: 0.903+/-0.000 χ^2/NDF : 4230254.6/21

In: 0.920+/-0.000 χ^2/NDF :2157214.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

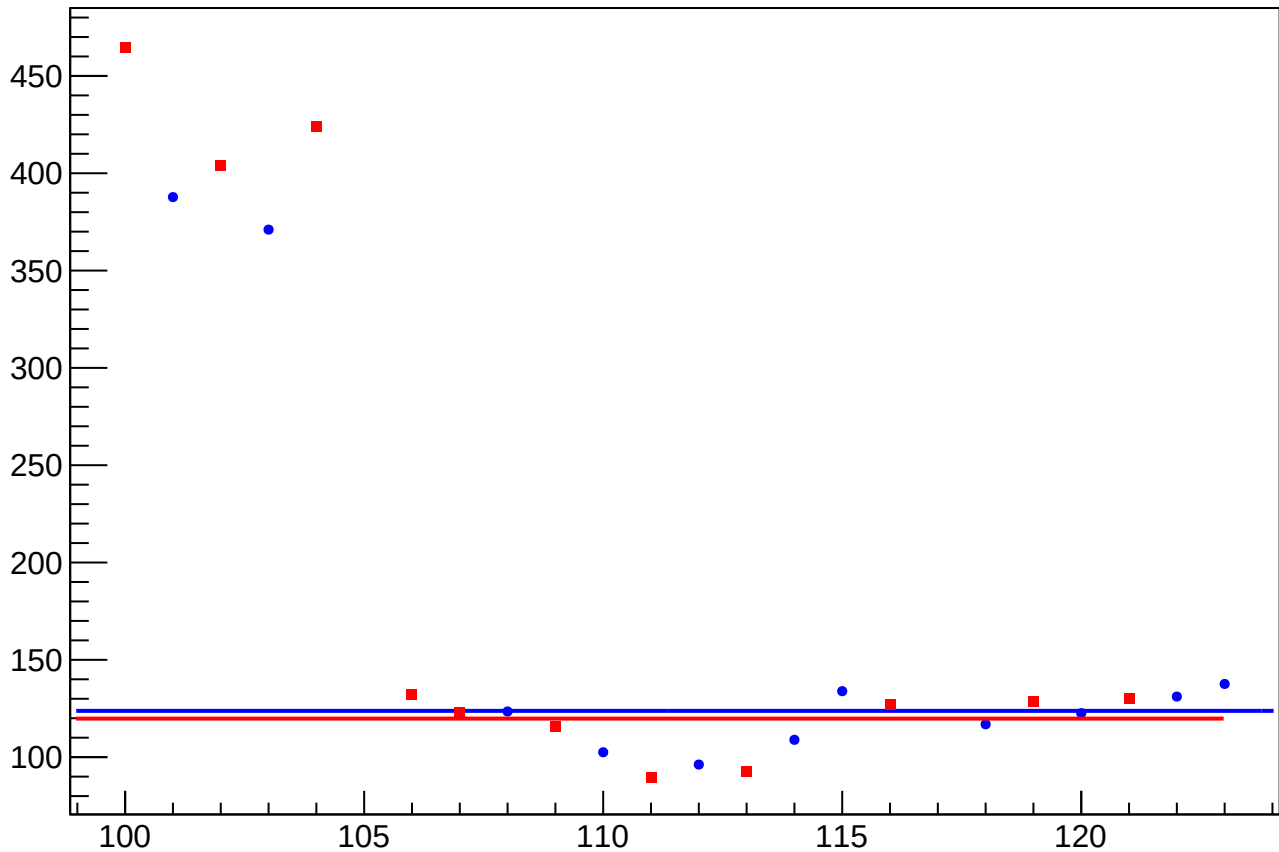
All: 0.903+/-0.000 χ^2/NDF : 4230254.6/21

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150311.387 $\pm$ 0.068 χ^2 /NDF: 33110457.9/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150385.605 $\pm$ 0.062 χ^2 /NDF: 35404726.3/10
 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: 150351.930 $\pm$ 0.046 χ^2 /NDF: 69173062.9/21
 In: 150311.387 $\pm$ 0.068 χ^2 /NDF:33110457.9/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150351.930 $\pm$ 0.046 χ^2 /NDF: 69173062.9/21

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 123.787 $\pm$ 0.048 χ^2 /NDF: 1227821.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.818 $\pm$ 0.044 χ^2 /NDF: 1445809.0/10

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

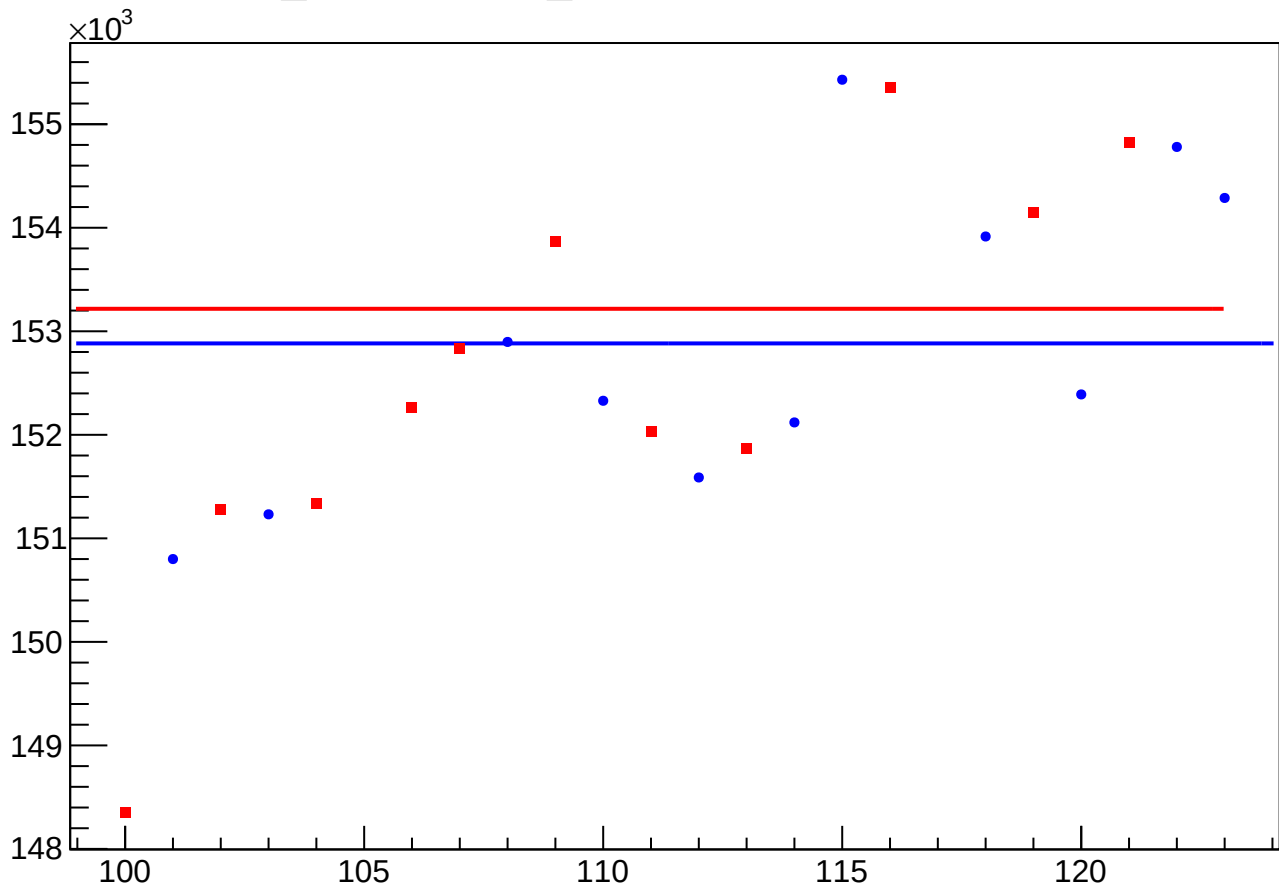
Right: 121.619 $\pm$ 0.032 χ^2 /NDF: 2677395.2/21

In: 123.787 $\pm$ 0.048 χ^2 /NDF:1227821.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

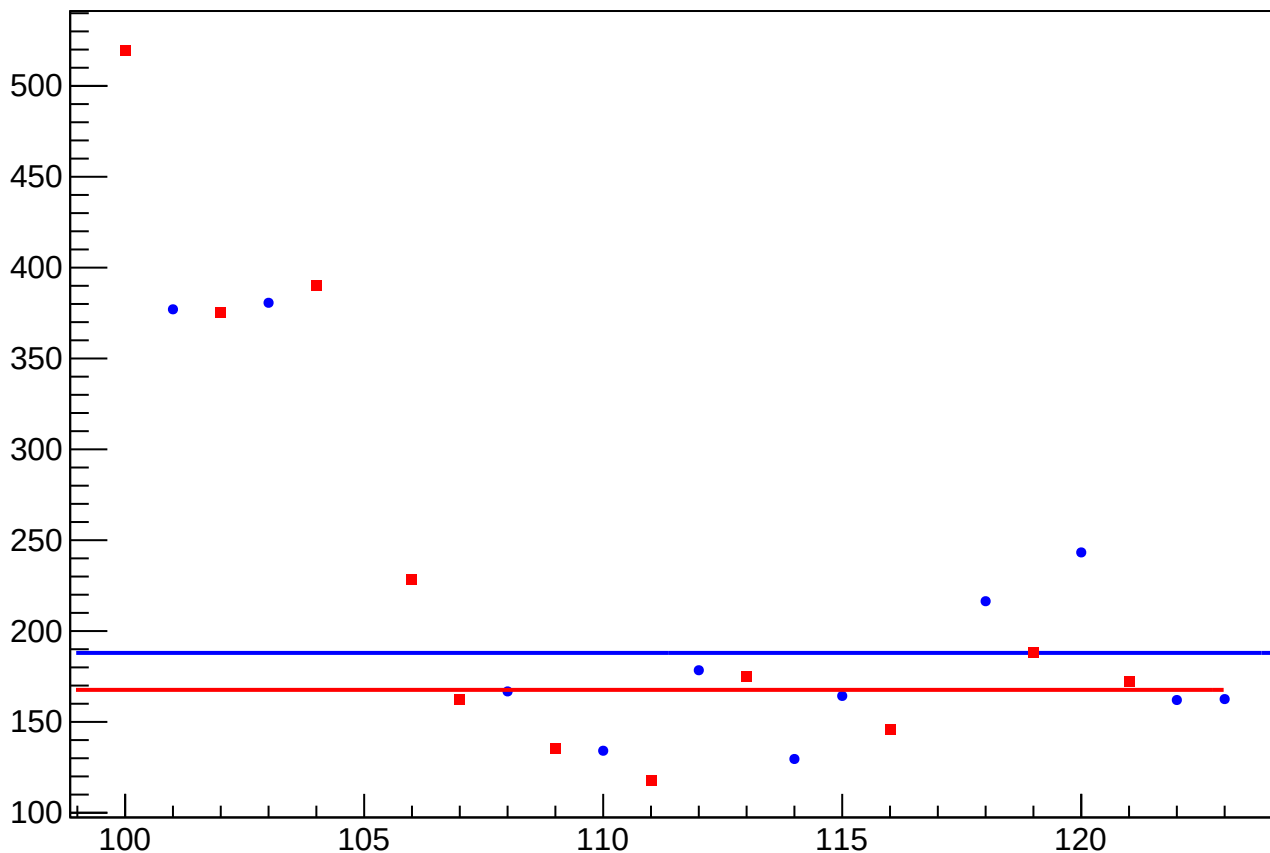
All: 121.619 $\pm$ 0.032 χ^2 /NDF: 2677395.2/21

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152882.833 $\pm$ 0.103 χ^2 /NDF: 153890013.7/10
 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: 153077.522 $\pm$ 0.067 χ^2 /NDF: 372684587.0/2
 Right Out: 153217.250 $\pm$ 0.087 χ^2 /NDF: 212686717.5/10
 In: 152882.833 $\pm$ 0.103 χ^2 /NDF: 153890013.7/10
 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: 153077.522 $\pm$ 0.067 χ^2 /NDF: 372684587.0/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 187.976+/-0.073 χ^2/NDF : 874480.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.630+/-0.062 χ^2/NDF : 1067224.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

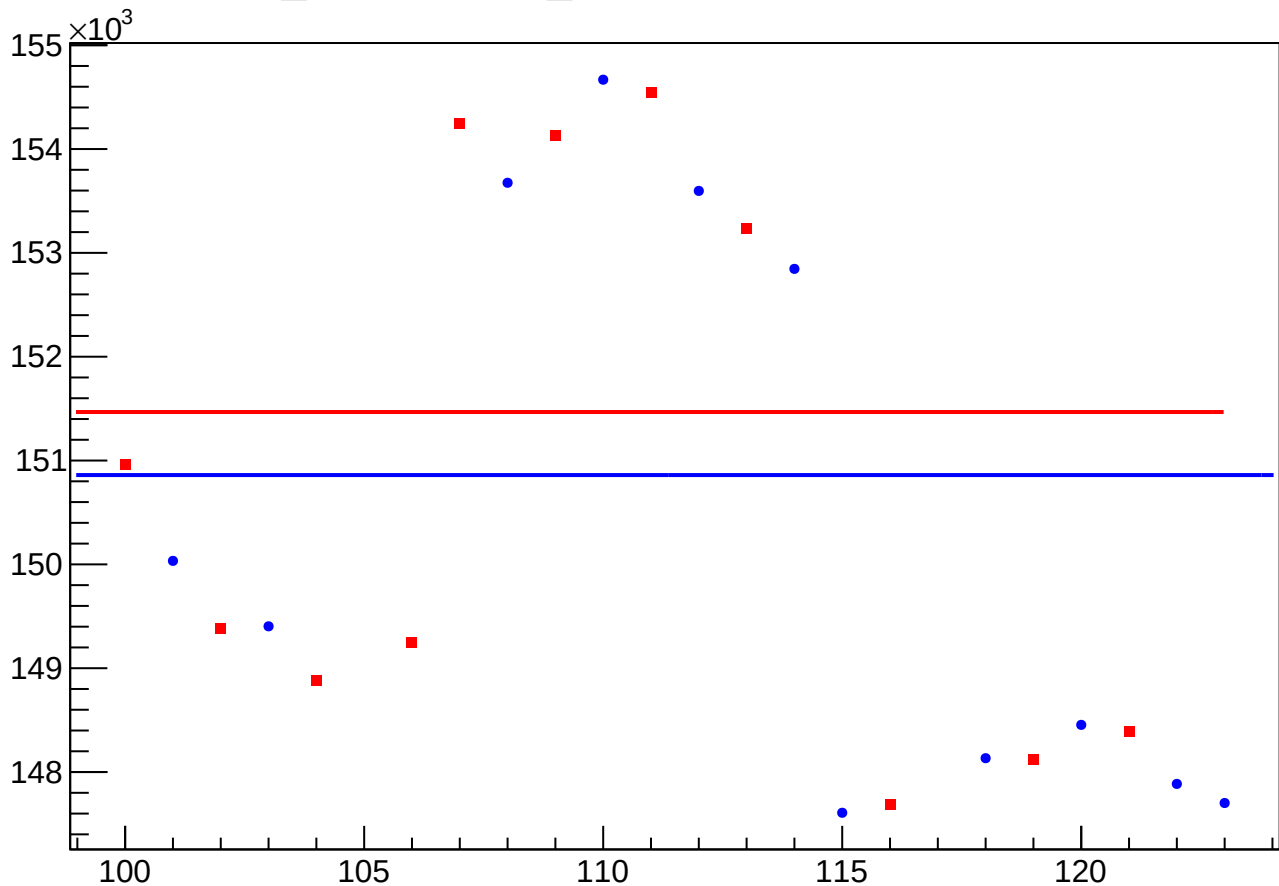
Right: 176.131+/-0.047 χ^2/NDF : 1986921.9/21

In: 187.976+/-0.073 χ^2/NDF : 874480.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.131+/-0.047 χ^2/NDF : 1986921.9/21

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150860.220+/-0.080 χ^2 /NDF: 1289640499.0/10

Right: 151183.347+/-0.055 χ^2 /NDF: 2799879111.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 151467.271+/-0.075 χ^2 /NDF: 1479368005.8/10

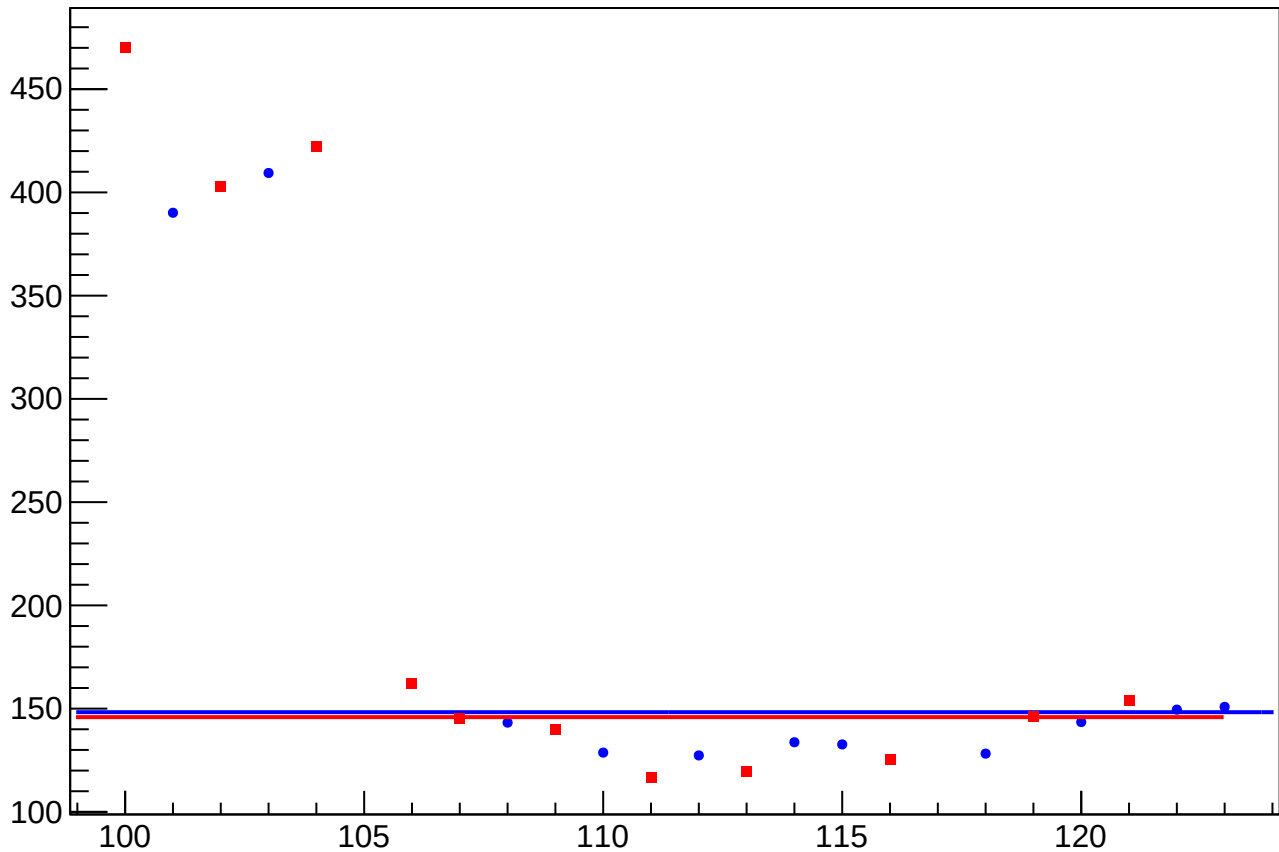
In: 150860.220+/-0.080 χ^2 /NDF: 1289640499.0/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 151183.347+/-0.055 χ^2 /NDF: 2799879111.6/10

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.278+/-0.056 χ^2/NDF : 1068275.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.885+/-0.053 χ^2/NDF : 1157344.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

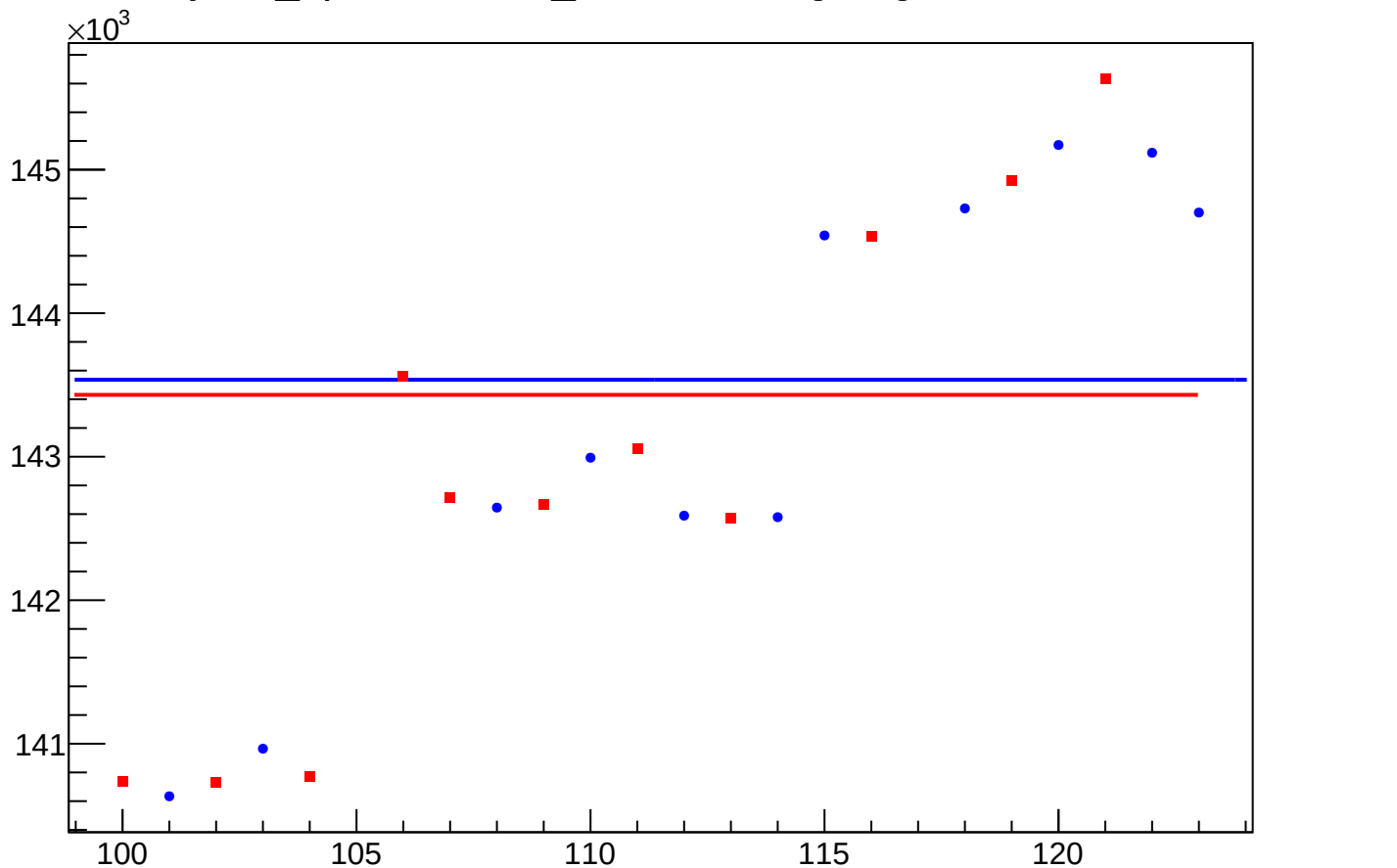
Right: 147.004+/-0.039 χ^2/NDF : 2226579.7/21

In: 148.278+/-0.056 χ^2/NDF : 1068275.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

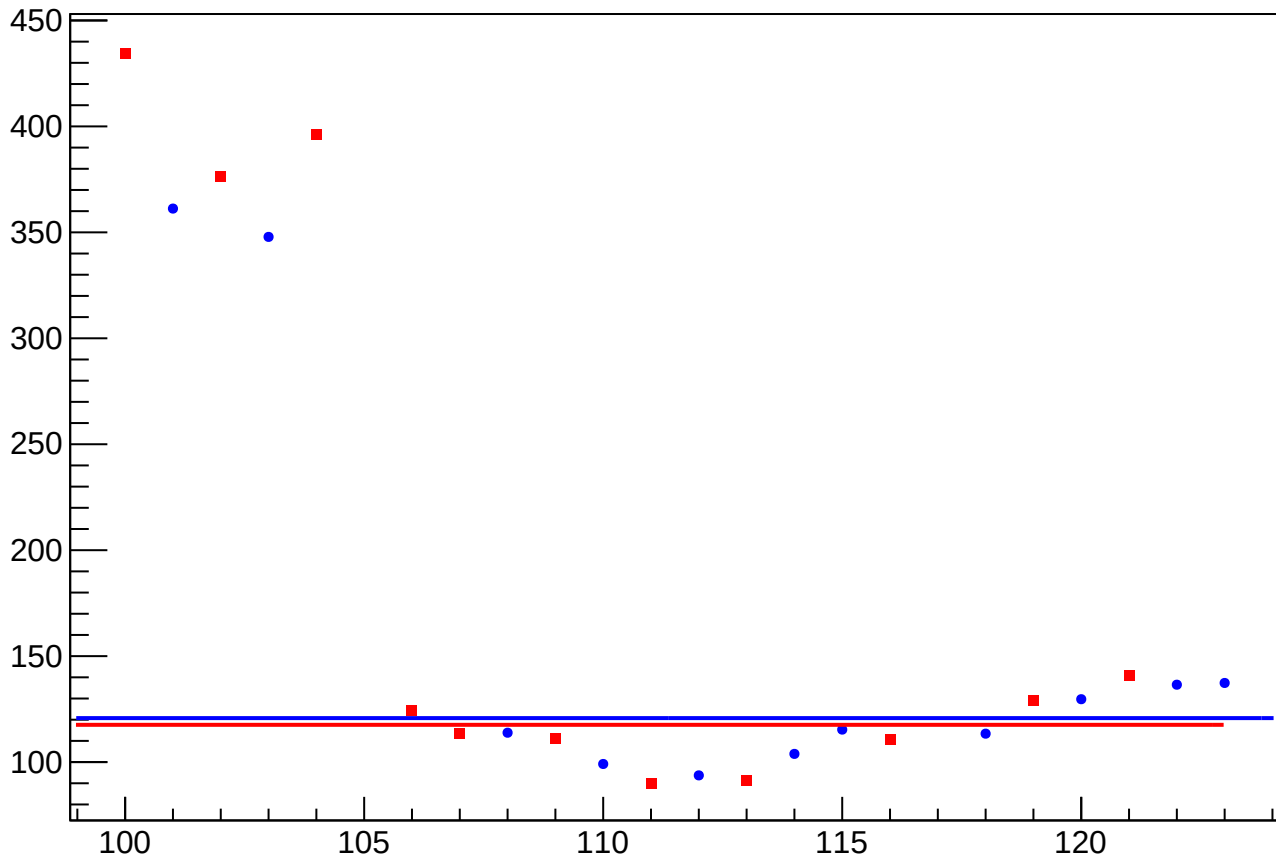
All: 147.004+/-0.039 χ^2/NDF : 2226579.7/21

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 143536.170+/-0.066 χ^2 /NDF: 341497936.4/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 143478.845+/-0.044 χ^2 /NDF: 699943180.3/2
 In: 143536.170+/-0.066 χ^2 /NDF: 341497936.4/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 143478.845+/-0.044 χ^2 /NDF: 699943180.3/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 120.753+/-0.047 χ^2/NDF : 1203864.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 117.586+/-0.043 χ^2/NDF : 1396311.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

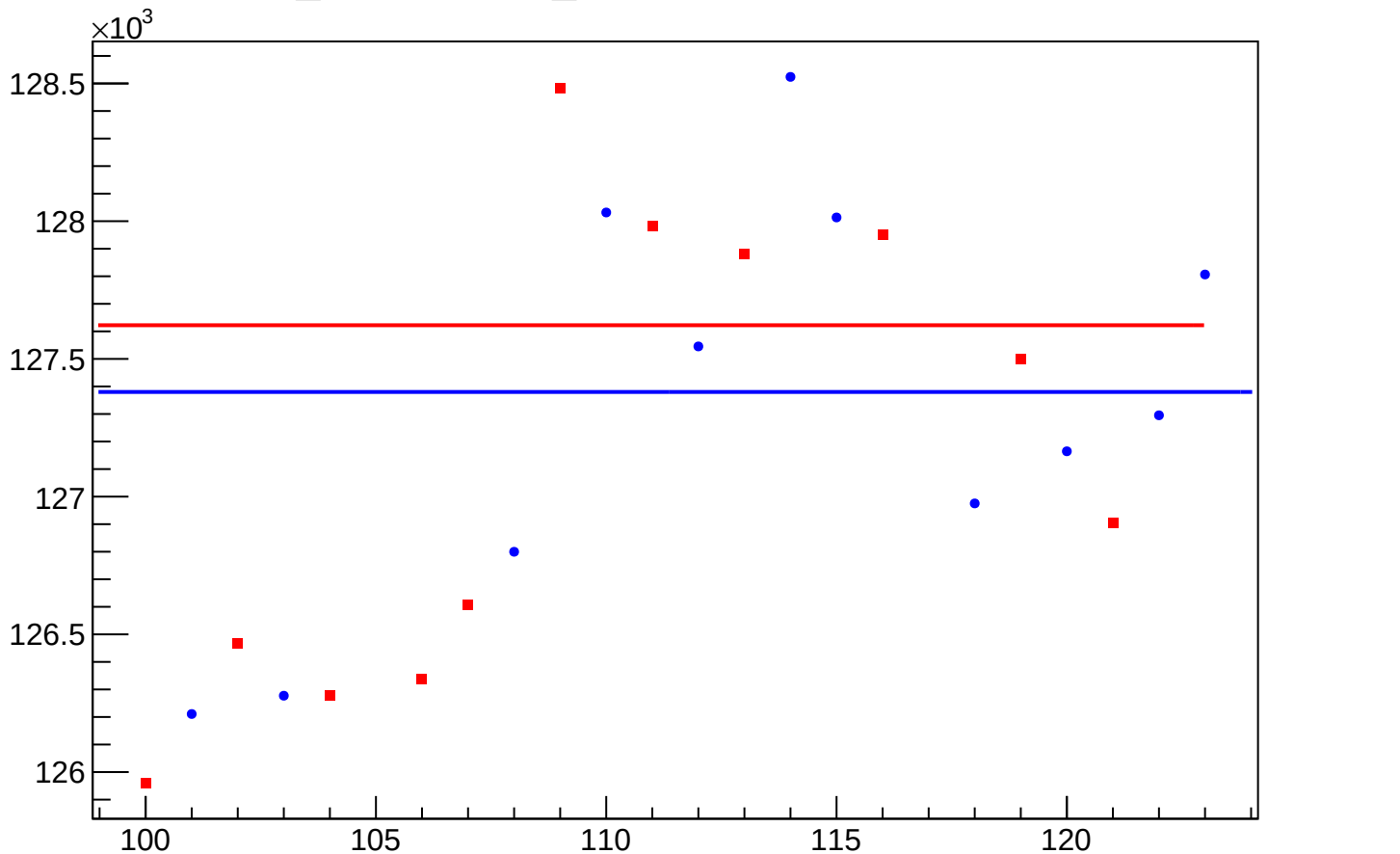
Right: 119.029+/-0.031 χ^2/NDF : 2602690.9/21

In: 120.753+/-0.047 χ^2/NDF :1203864.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

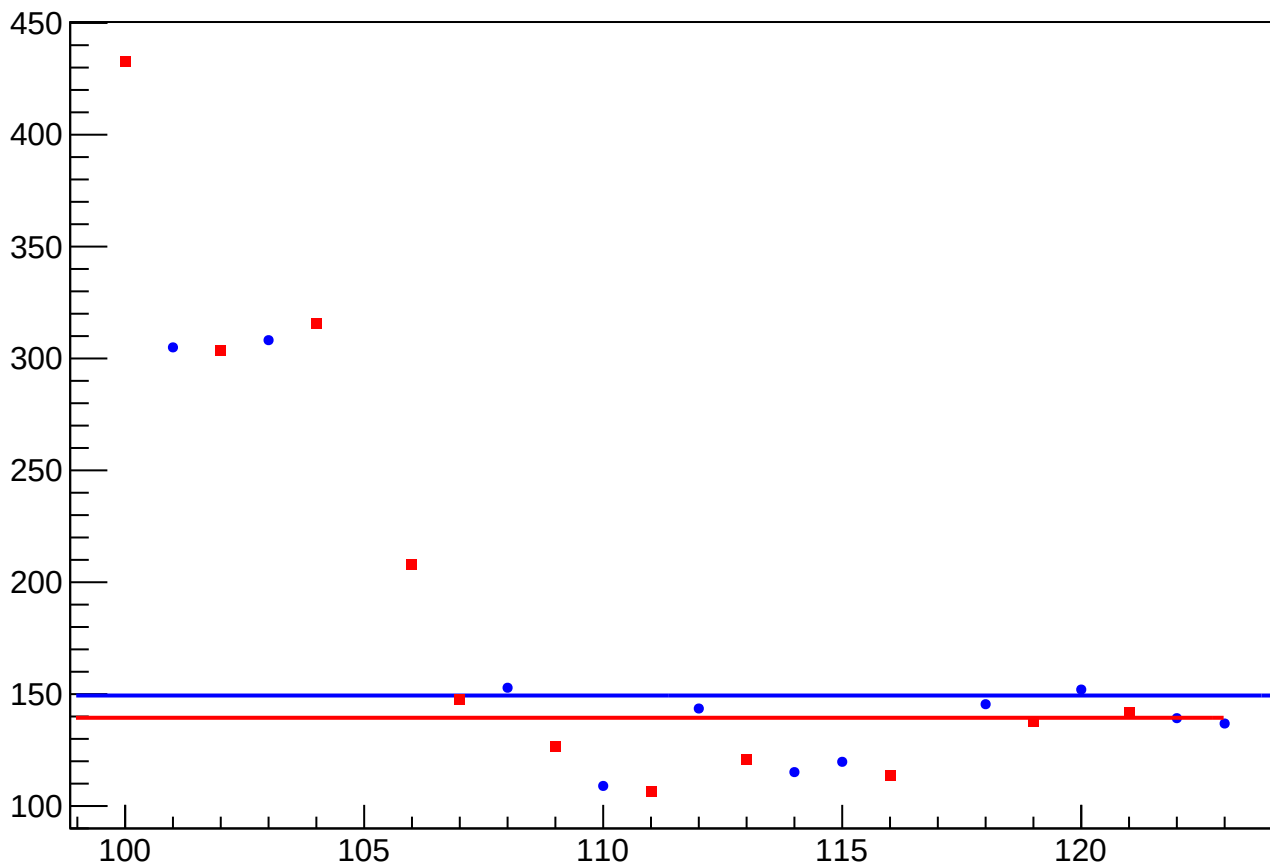
All: 119.029+/-0.031 χ^2/NDF : 2602690.9/21

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127380.006 $\pm$ 0.079 χ^2 /NDF: 55919069.8/10
 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: 127515.862 $\pm$ 0.053 χ^2 /NDF: 146348285.1/2
 In: 127380.006 $\pm$ 0.079 χ^2 /NDF: 55919069.8/10
 Right Out: 127622.242 $\pm$ 0.070 χ^2 /NDF: 85186671.5/10
 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: 127515.862 $\pm$ 0.053 χ^2 /NDF: 146348285.1/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 149.380+/-0.056 χ^2/NDF : 802135.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.433+/-0.050 χ^2/NDF : 968923.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

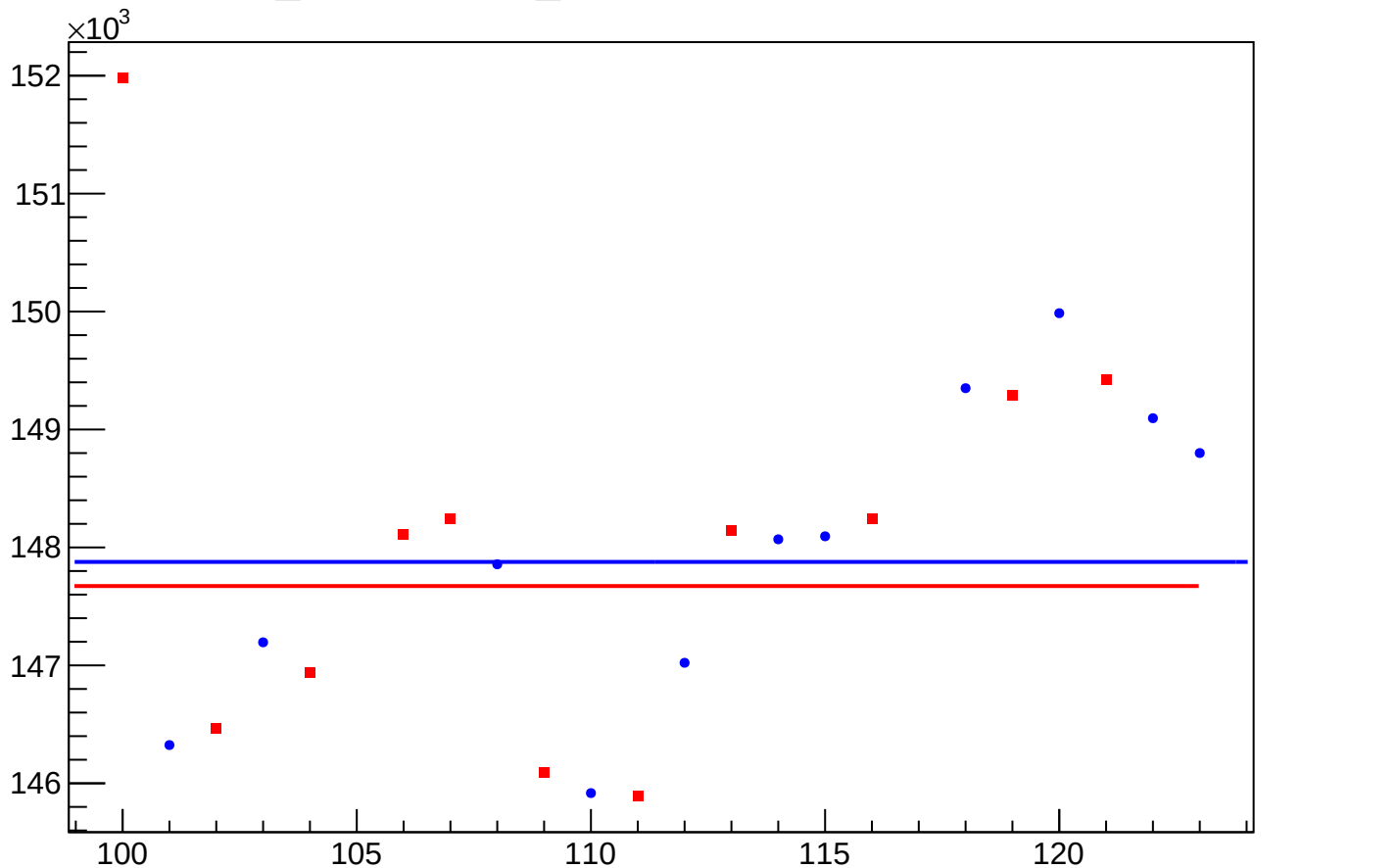
Right: 143.801+/-0.037 χ^2/NDF : 1788741.1/21

In: 149.380+/-0.056 χ^2/NDF : 802135.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

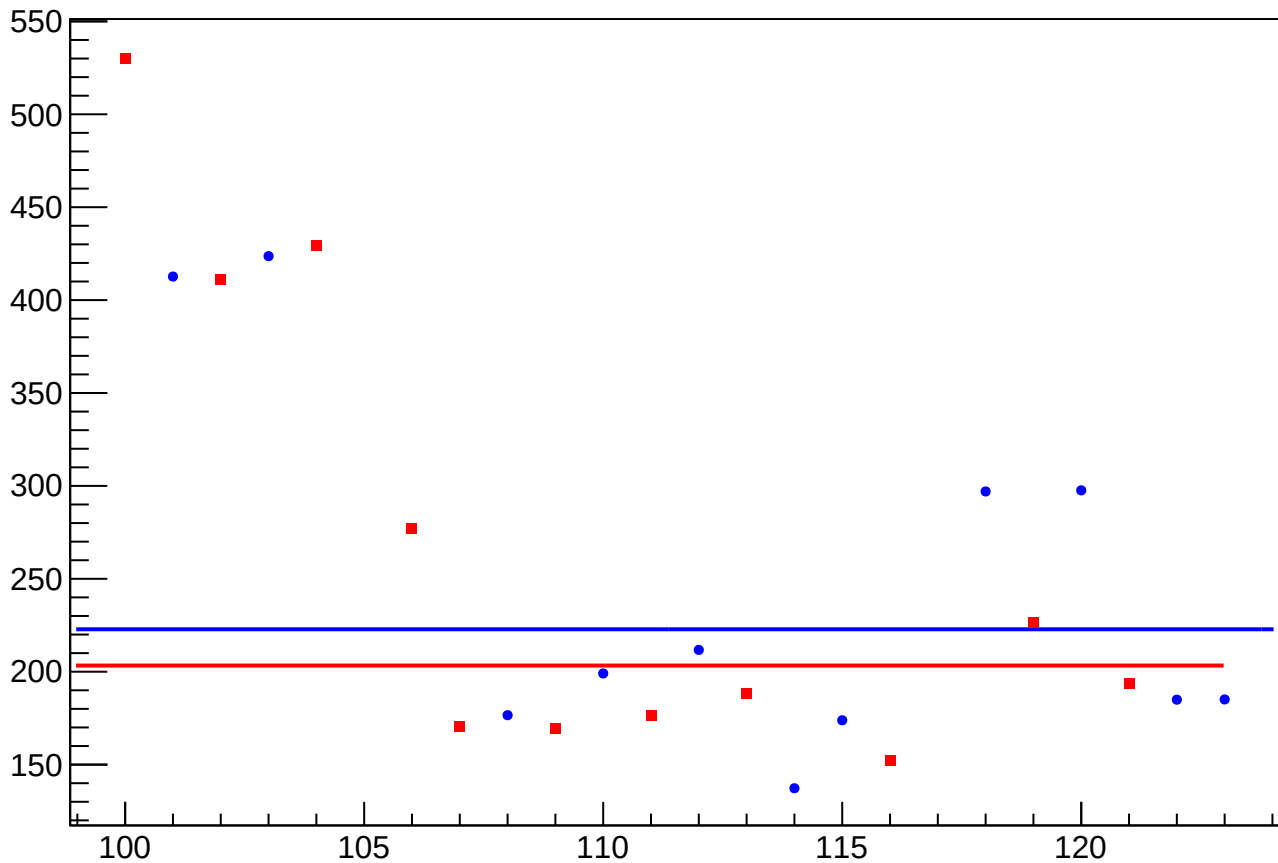
All: 143.801+/-0.037 χ^2/NDF : 1788741.1/21

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147877.178 $\pm$ 0.119 χ^2 /NDF: 99670699.9/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 147672.498 $\pm$ 0.102 χ^2 /NDF: 177047375.3/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 147759.318 $\pm$ 0.078 χ^2 /NDF: 278420053.9/20
 In: 147877.178 $\pm$ 0.119 χ^2 /NDF:99670699.9/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 222.836+/-0.084 χ^2/NDF : 864080.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.318+/-0.072 χ^2/NDF : 862885.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

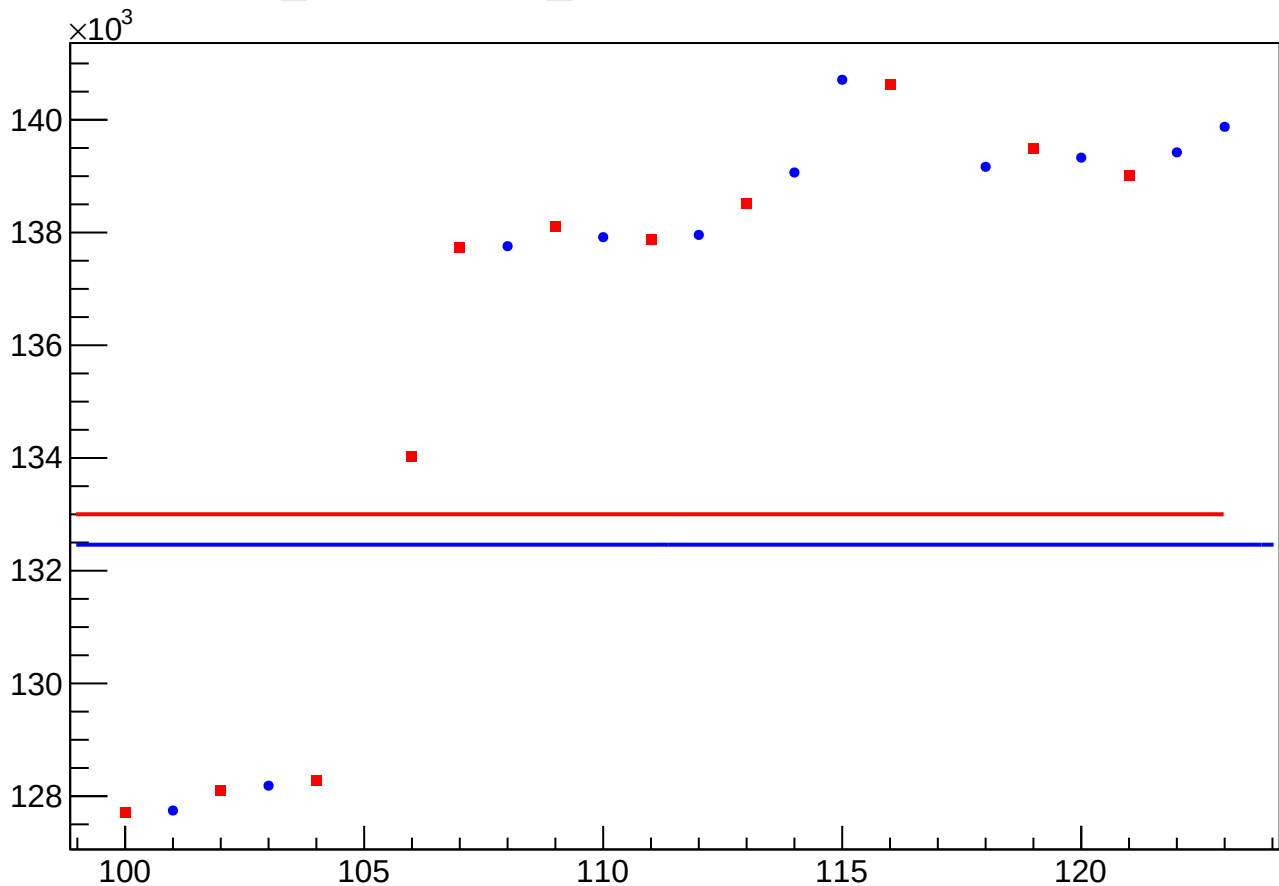
Right: 211.597+/-0.055 χ^2/NDF : 1757919.6/21

In: 222.836+/-0.084 χ^2/NDF : 864080.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

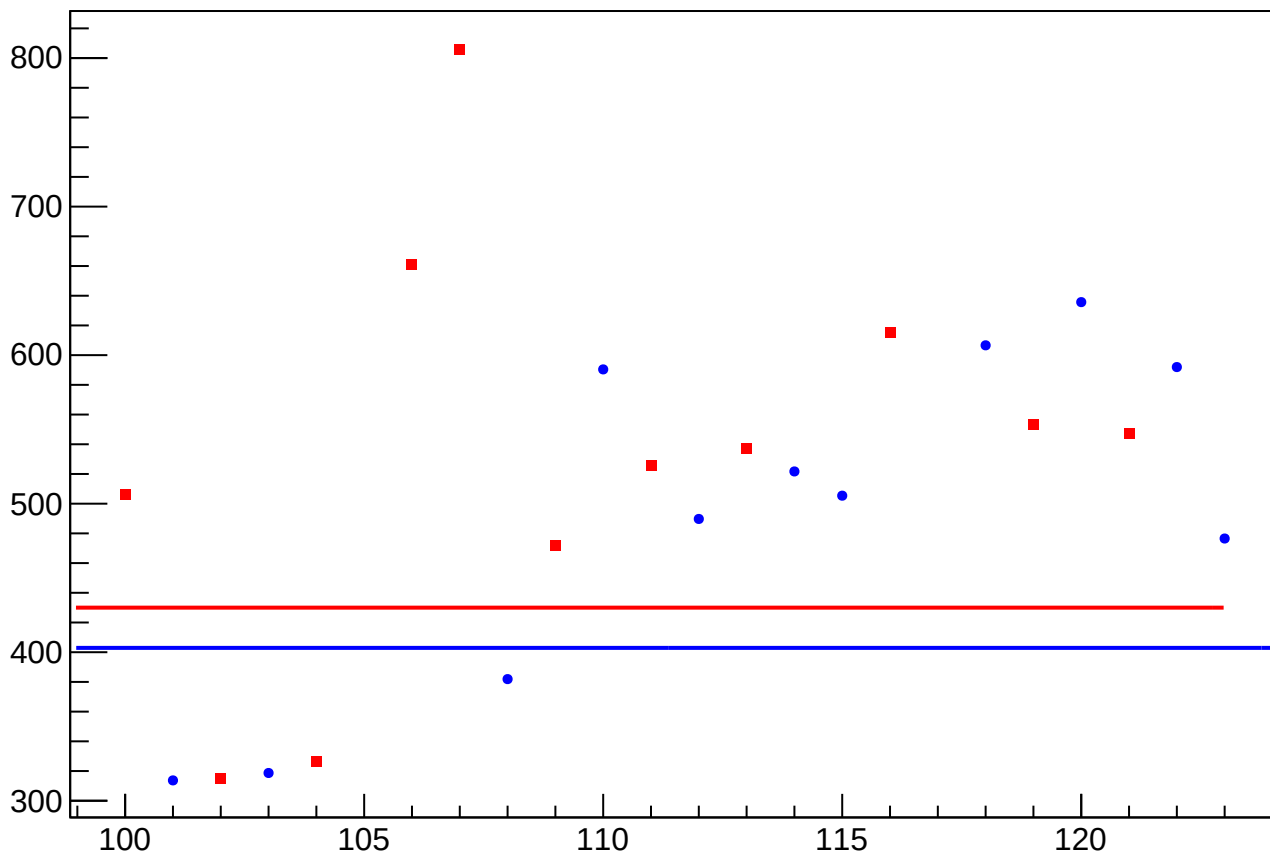
All: 211.597+/-0.055 χ^2/NDF : 1757919.6/21

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 132461.841 $\pm$ 0.215 χ^2 /NDF: 611652644.7/10
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 132733.990 $\pm$ 0.151 χ^2 /NDF: 1210502126.5/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 133001.879 $\pm$ 0.213 χ^2 /NDF: 595661478.4/10
 In: 132461.841 $\pm$ 0.215 χ^2 /NDF: 611652644.7/10
 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: 132733.990 $\pm$ 0.151 χ^2 /NDF: 1210502126.5/10

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 402.916+/-0.152 χ^2/NDF : 587642.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 430.006+/-0.151 χ^2/NDF : 663863.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

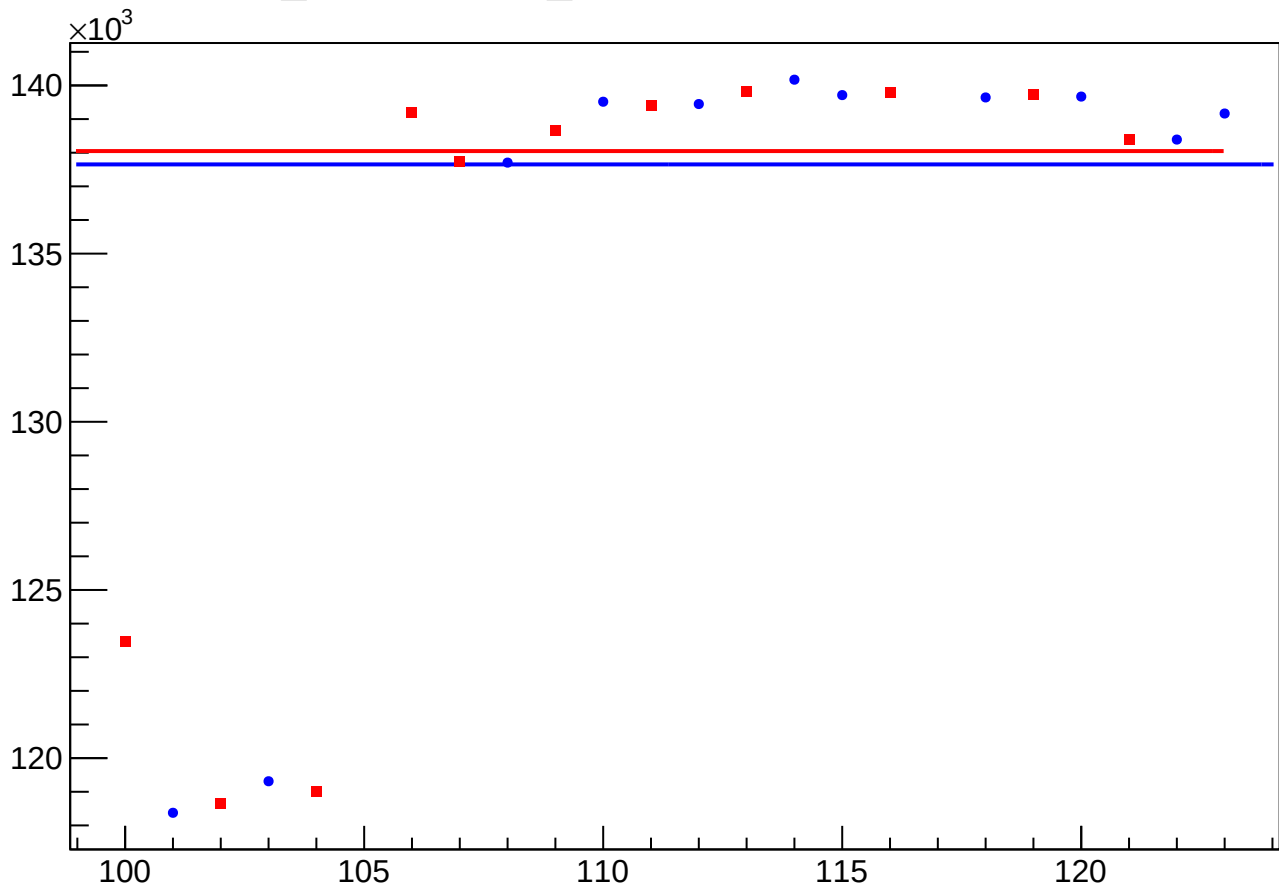
Right: 416.568+/-0.107 χ^2/NDF : 1267549.4/21

In: 402.916+/-0.152 χ^2/NDF : 587642.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

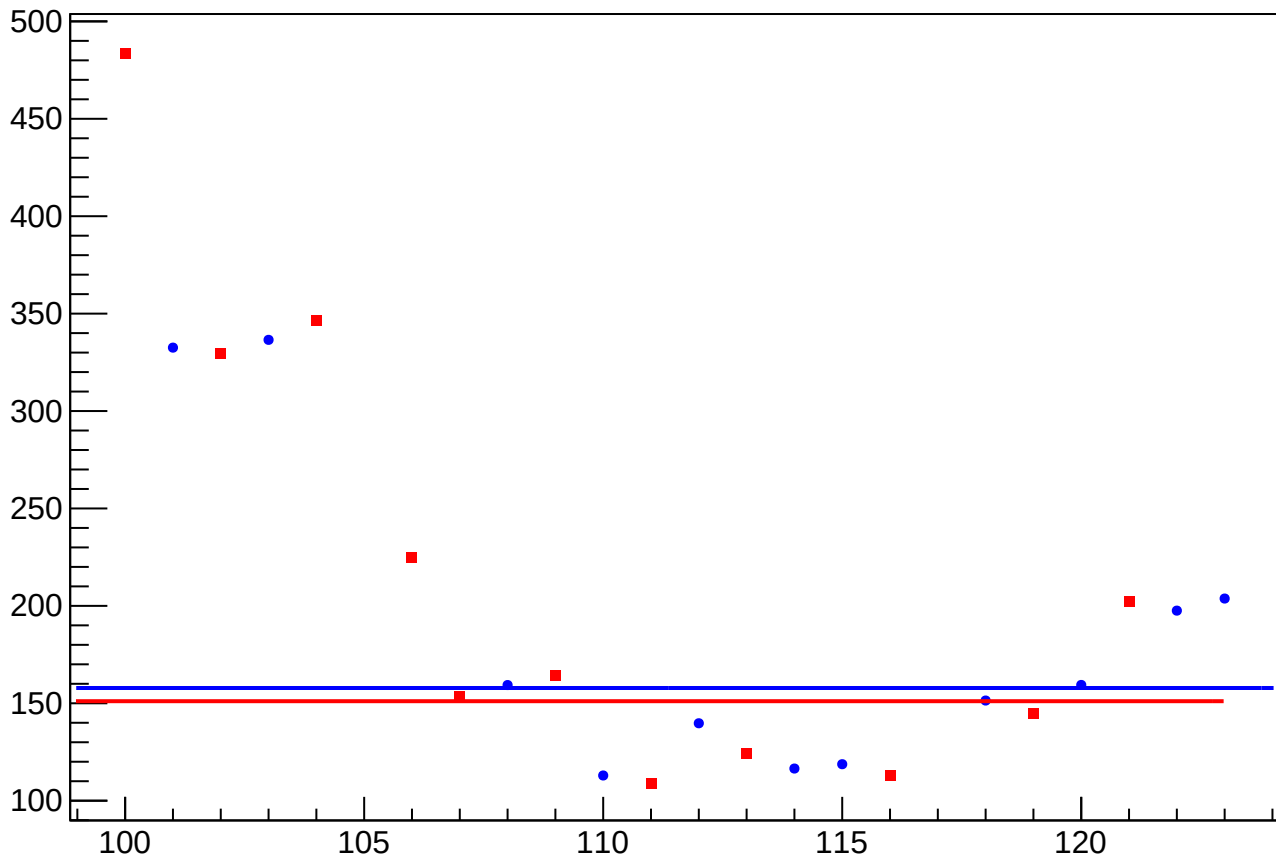
All: 416.568+/-0.107 χ^2/NDF : 1267549.4/21

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 137652.491 $\pm$ 0.084 χ^2 /NDF: 4409961451.6/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 138049.023 $\pm$ 0.077 χ^2 /NDF: 4195076614.3/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 137869.298 $\pm$ 0.057 χ^2 /NDF: 8617129421.3/10
 In: 137652.491 $\pm$ 0.084 χ^2 /NDF:4409961451.6/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 157.847+/-0.060 χ^2/NDF : 921757.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.073+/-0.054 χ^2/NDF : 1126837.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

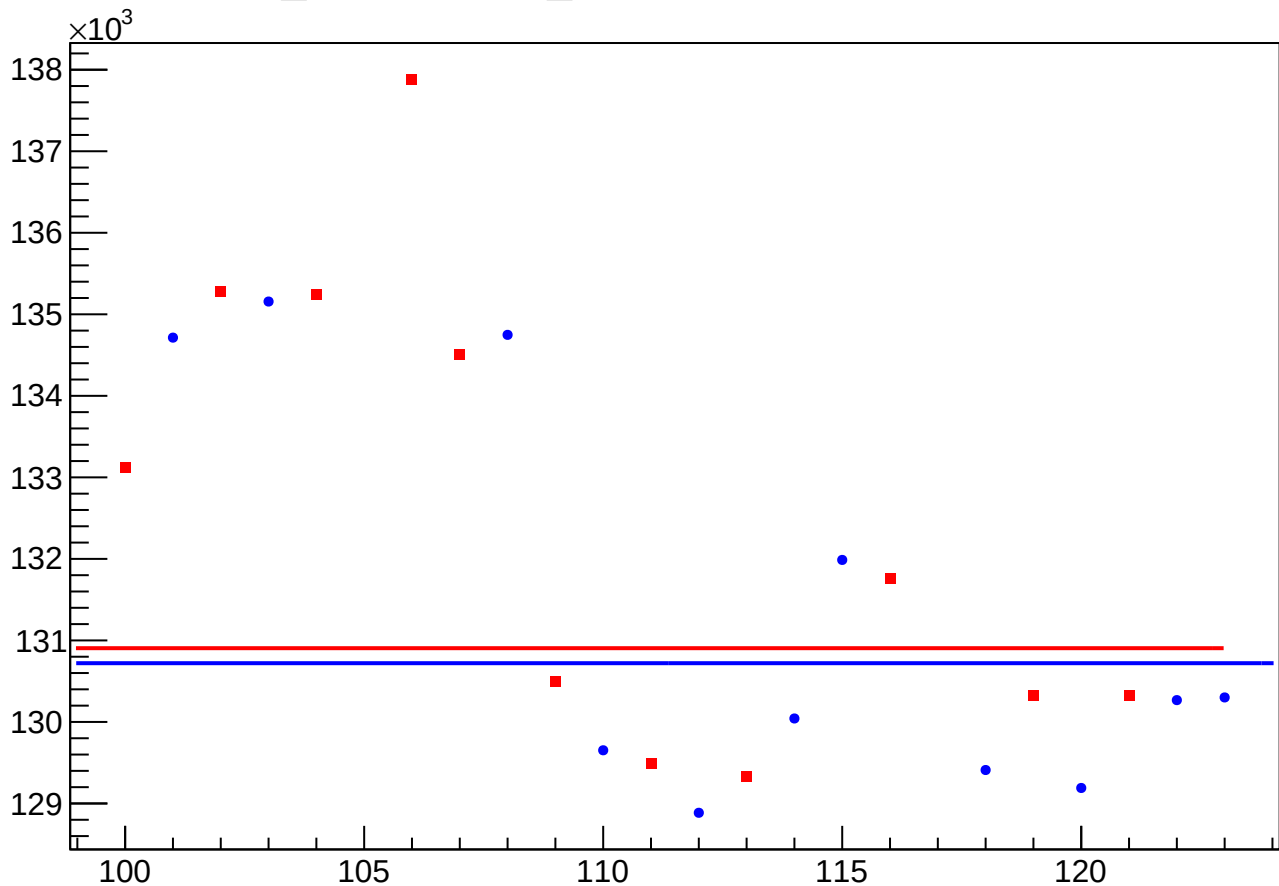
Right: 154.144+/-0.040 χ^2/NDF : 2055651.5/21

In: 157.847+/-0.060 χ^2/NDF : 921757.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.144+/-0.040 χ^2/NDF : 2055651.5/21

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130720.623+/-0.093 χ^2 /NDF: 530623008.5/10

Right: 130825.941+/-0.061 χ^2 /NDF: 1173900111.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130904.698+/-0.080 χ^2 /NDF: 641016945.8/10

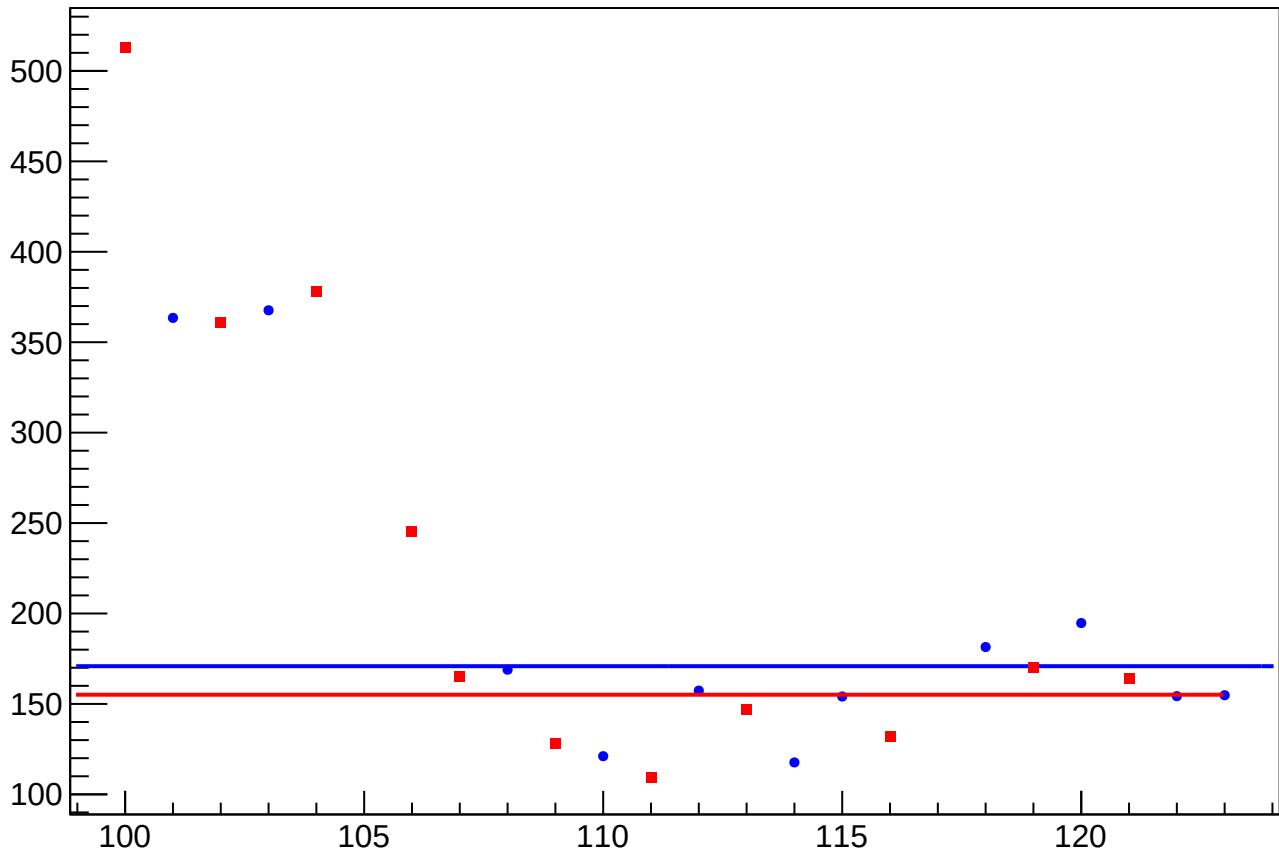
In: 130720.623+/-0.093 χ^2 /NDF: 530623008.5/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130825.941+/-0.061 χ^2 /NDF: 1173900111.3/10

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 170.866 $\pm$ 0.065 χ^2 /NDF: 904230.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.094 $\pm$ 0.057 χ^2 /NDF: 1147862.2/10

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

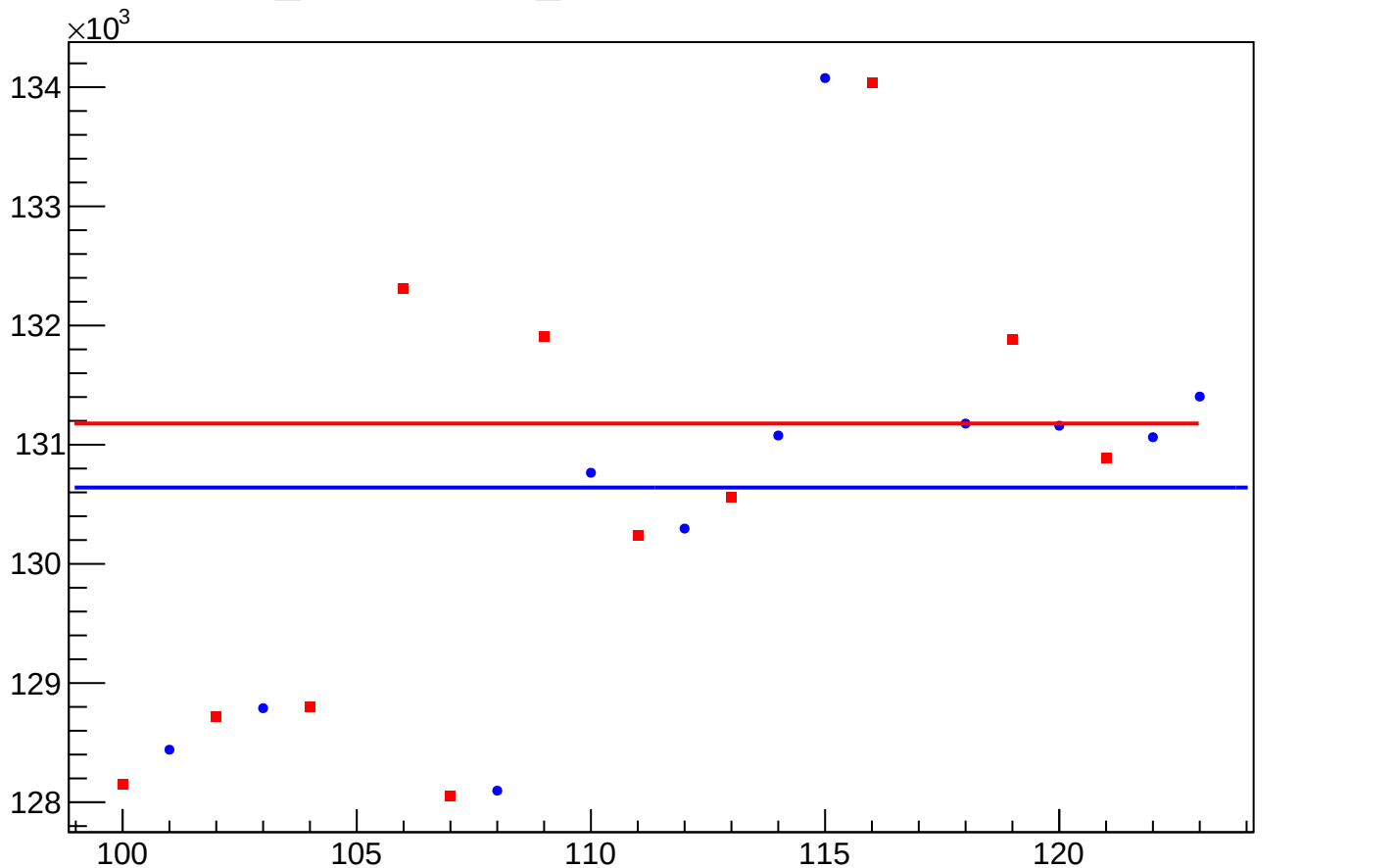
Right: 161.842 $\pm$ 0.043 χ^2 /NDF: 2085278.6/21

In: 170.866 $\pm$ 0.065 χ^2 /NDF:904230.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

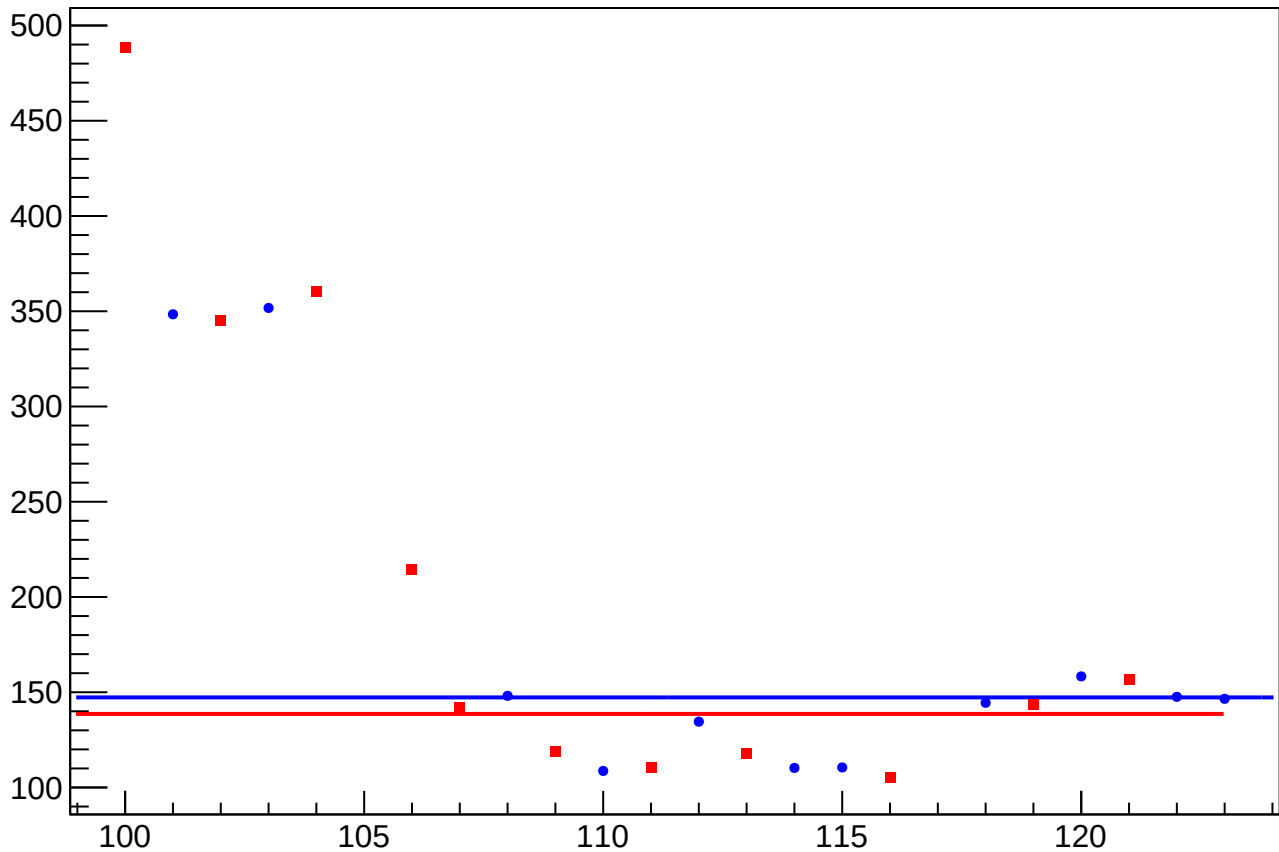
All: 161.842 $\pm$ 0.043 χ^2 /NDF: 2085278.6/21

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 130640.550+/-0.079 χ^2 /NDF: 305783778.4/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 130939.681+/-0.053 χ^2 /NDF: 774775072.1/2
 In: 130640.550+/-0.079 χ^2 /NDF: 305783778.4/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 130939.681+/-0.053 χ^2 /NDF: 774775072.1/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 147.286+/-0.056 χ^2/NDF : 999552.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.617+/-0.050 χ^2/NDF : 1172259.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

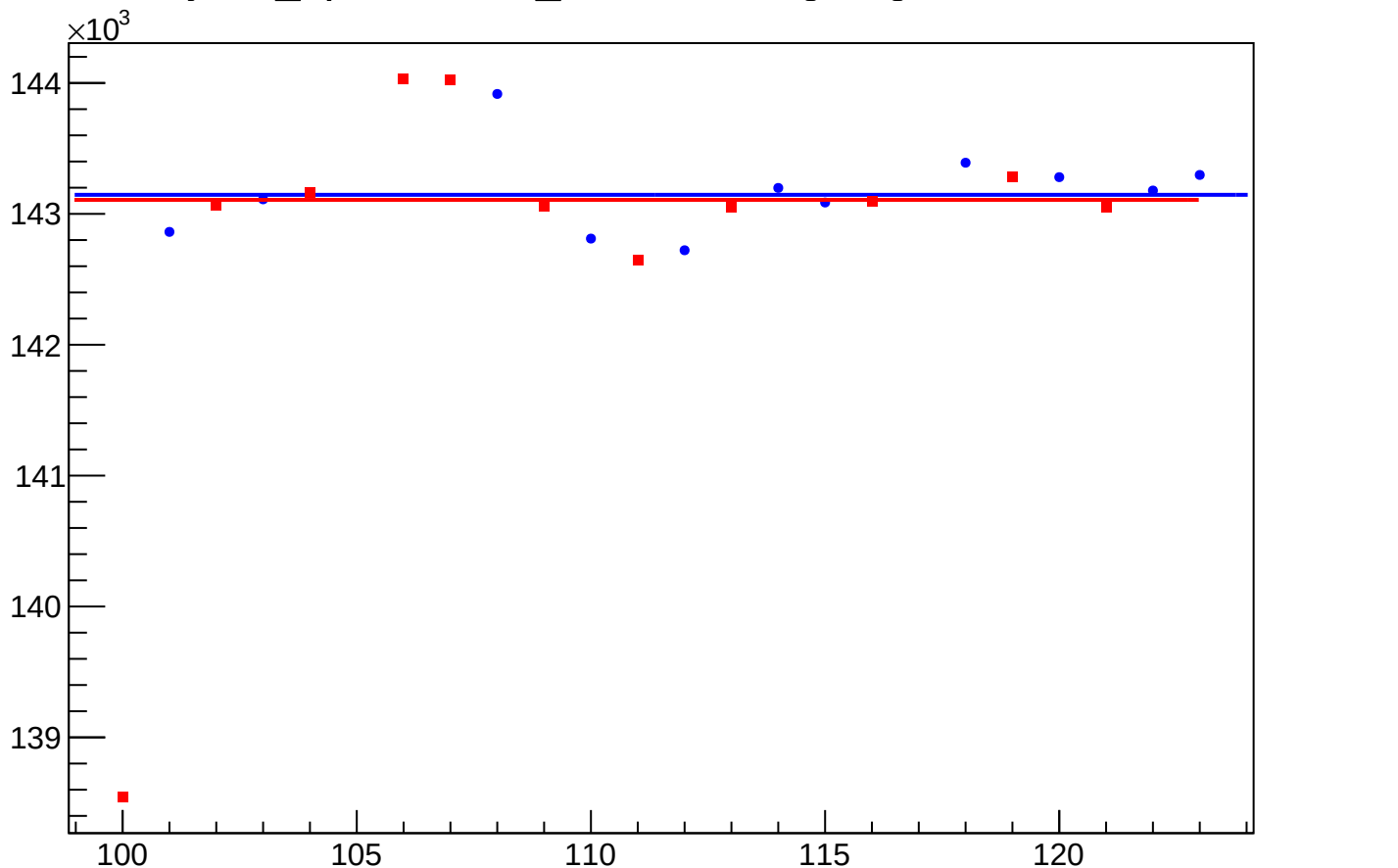
Right: 142.459+/-0.037 χ^2/NDF : 2185207.8/21

In: 147.286+/-0.056 χ^2/NDF : 999552.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

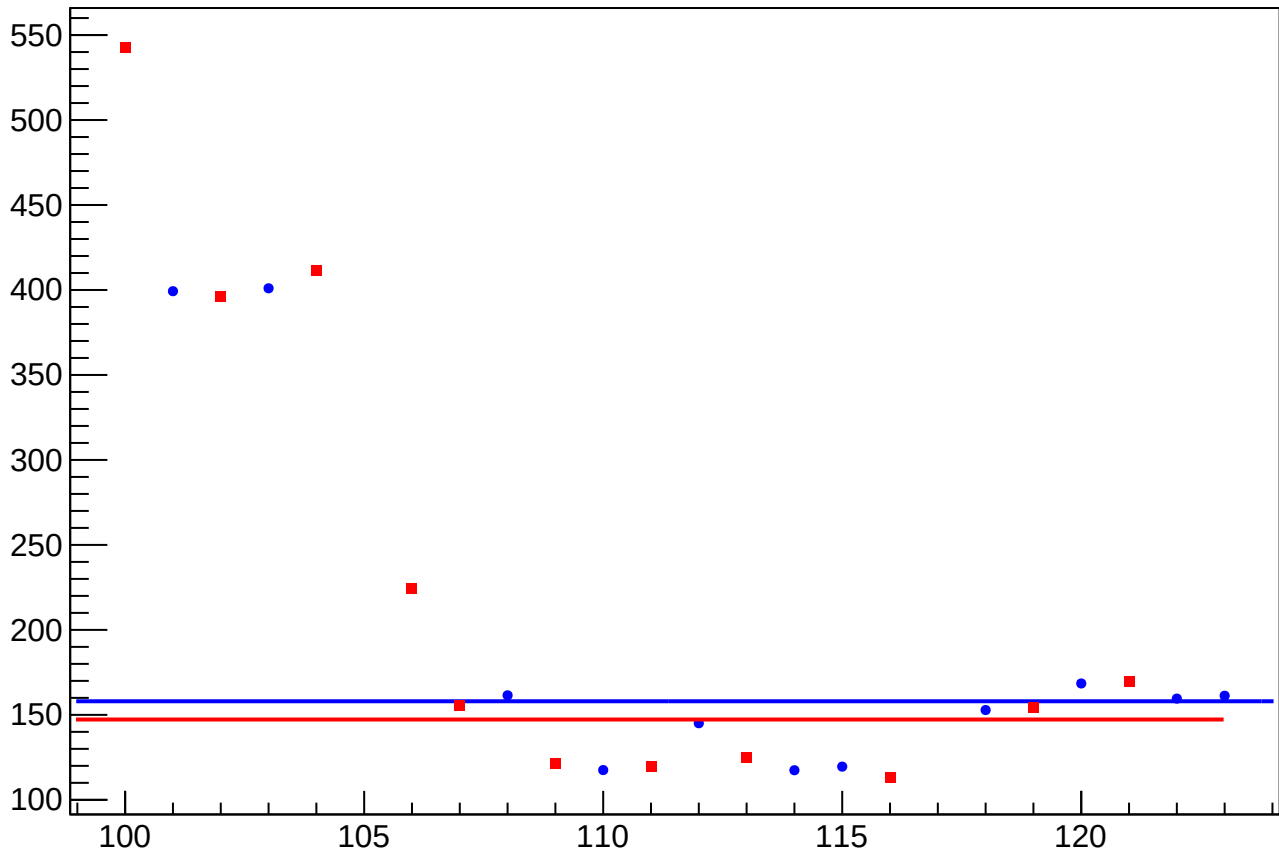
All: 142.459+/-0.037 χ^2/NDF : 2185207.8/21

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 143145.615+/-0.085 χ^2 /NDF: 17477525.5/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 143106.900+/-0.075 χ^2 /NDF: 25677540.8/10
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 143123.892+/-0.056 χ^2 /NDF: 43271222.1/21
 In: 143145.615+/-0.085 χ^2 /NDF: 17477525.5/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 158.005+/-0.060 χ^2/NDF : 1072773.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.264+/-0.053 χ^2/NDF : 1266779.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

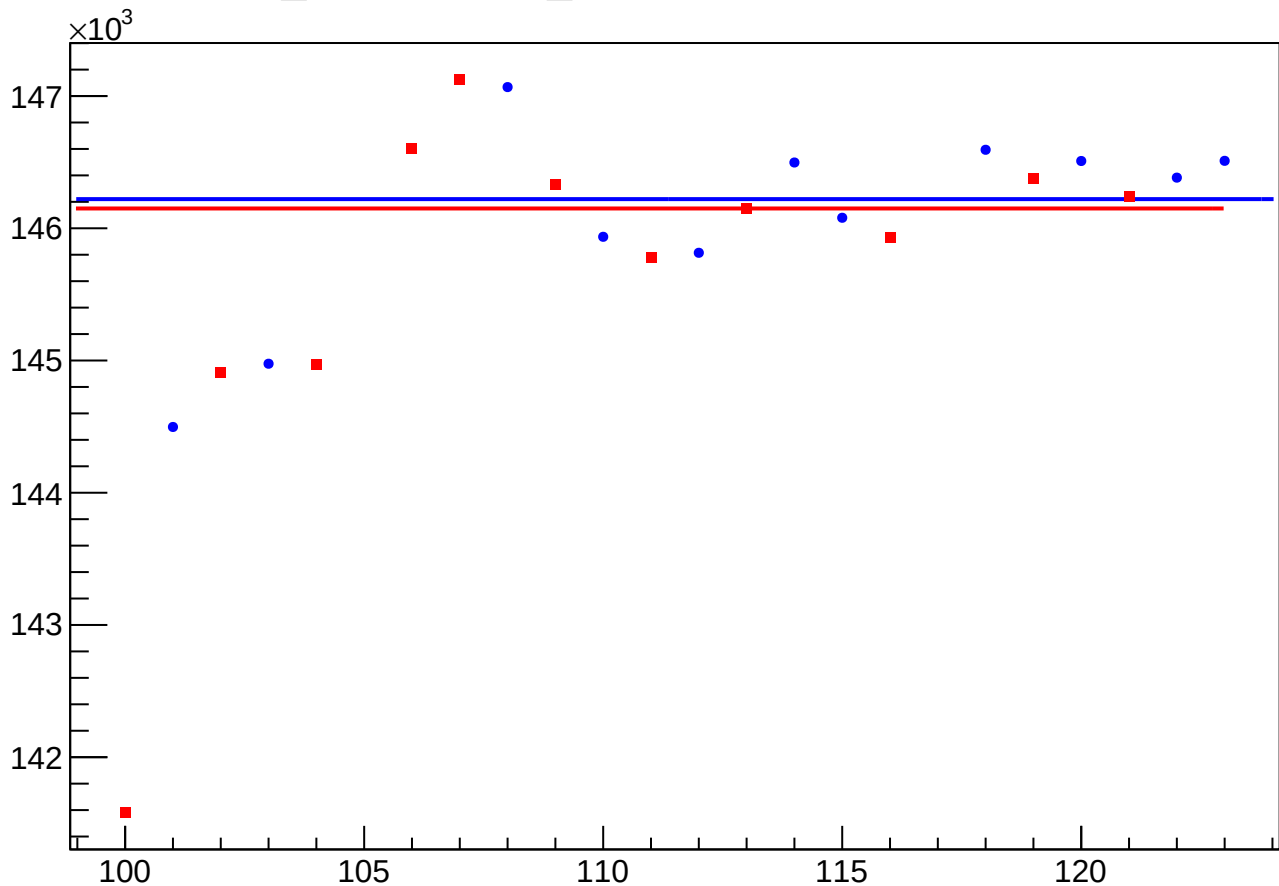
Right: 151.978+/-0.040 χ^2/NDF : 2357433.6/21

In: 158.005+/-0.060 χ^2/NDF : 1072773.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.978+/-0.040 χ^2/NDF : 2357433.6/21

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 146220.604+/-0.088 χ^2/NDF : 39026374.4/10

Right: 146180.794+/-0.058 χ^2/NDF : 72830123.6/21

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146149.785+/-0.078 χ^2/NDF : 33439694.4/10

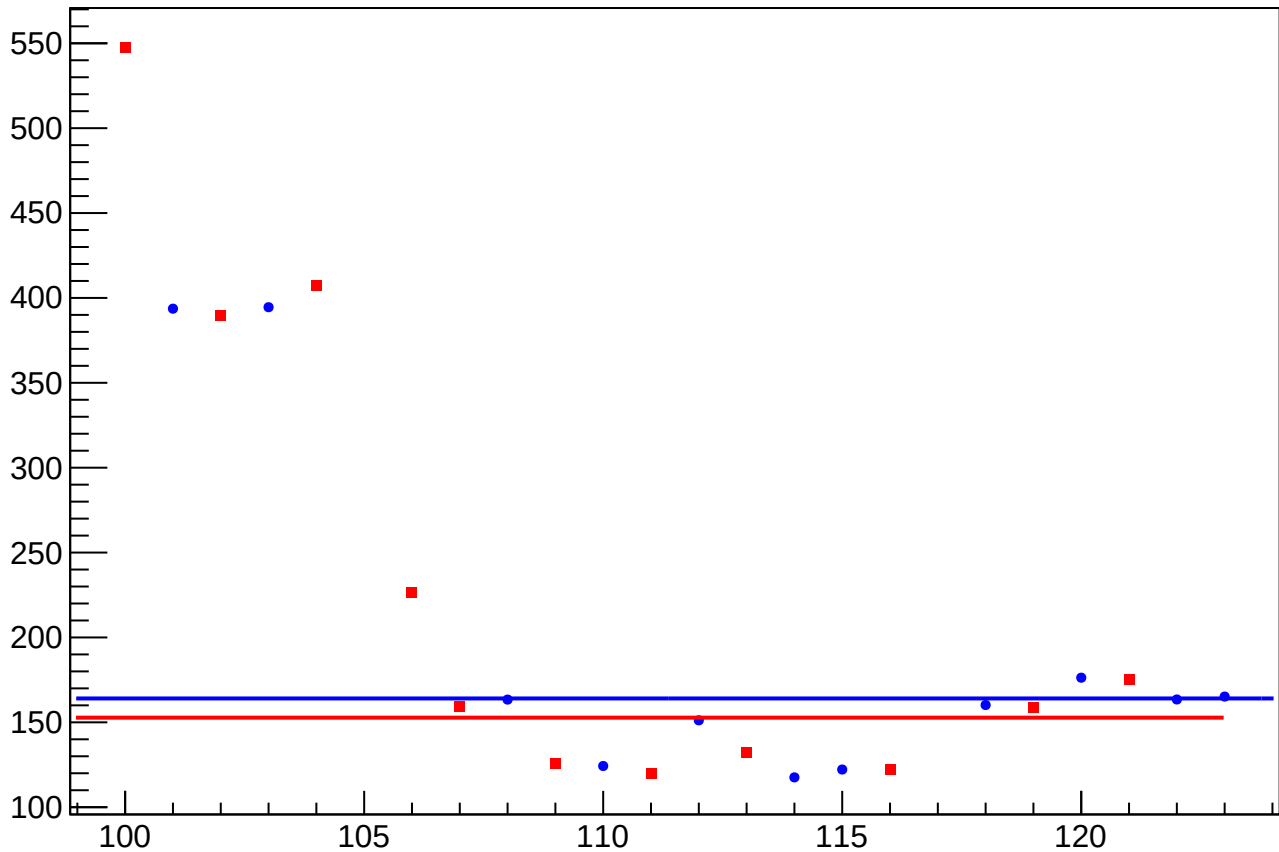
In: 146220.604+/-0.088 χ^2/NDF : 39026374.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146180.794+/-0.058 χ^2/NDF : 72830123.6/21

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 164.065+/-0.062 χ^2/NDF : 1007625.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.753+/-0.055 χ^2/NDF : 1200714.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

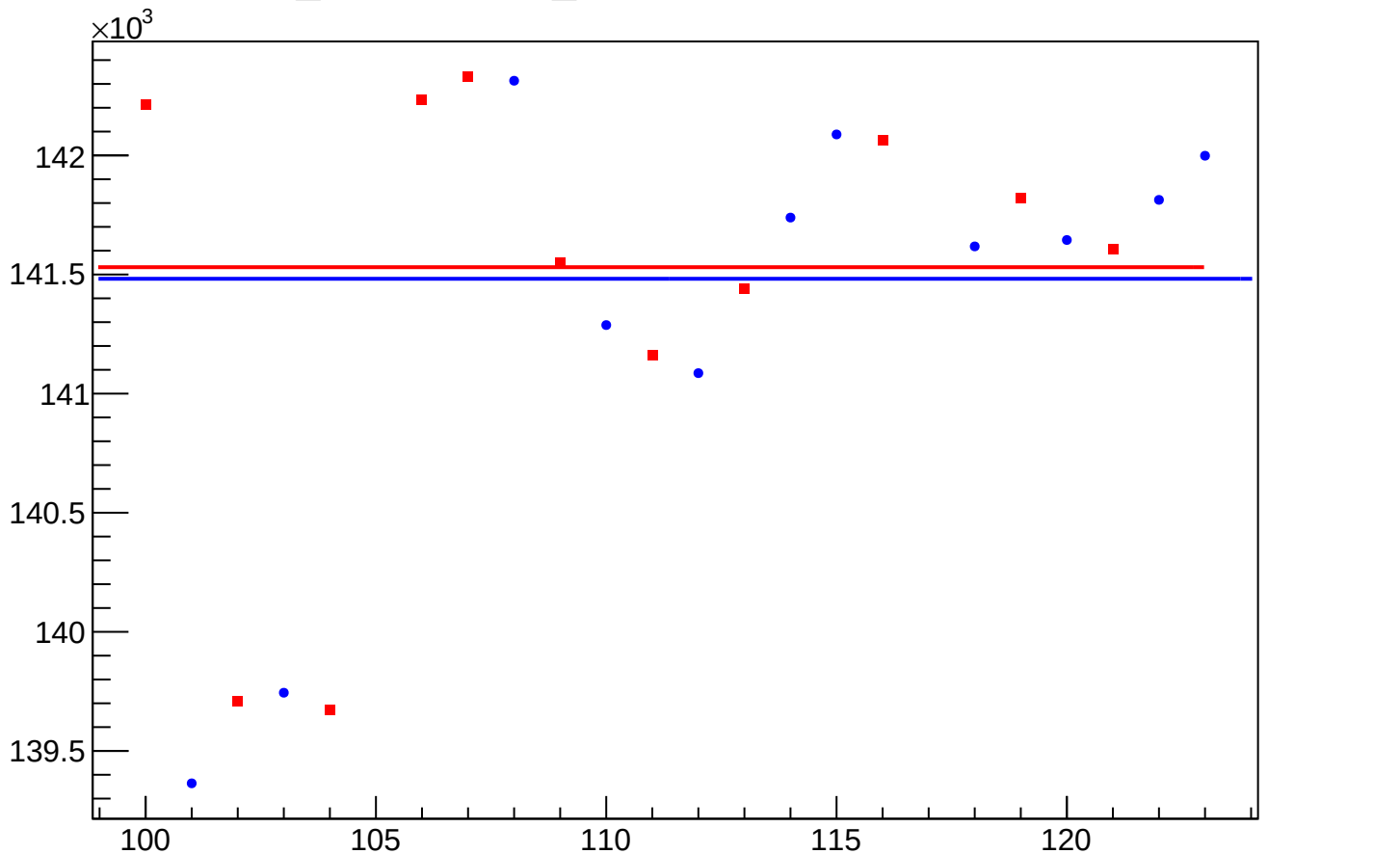
Right: 157.706+/-0.041 χ^2/NDF : 2226916.9/21

In: 164.065+/-0.062 χ^2/NDF : 1007625.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

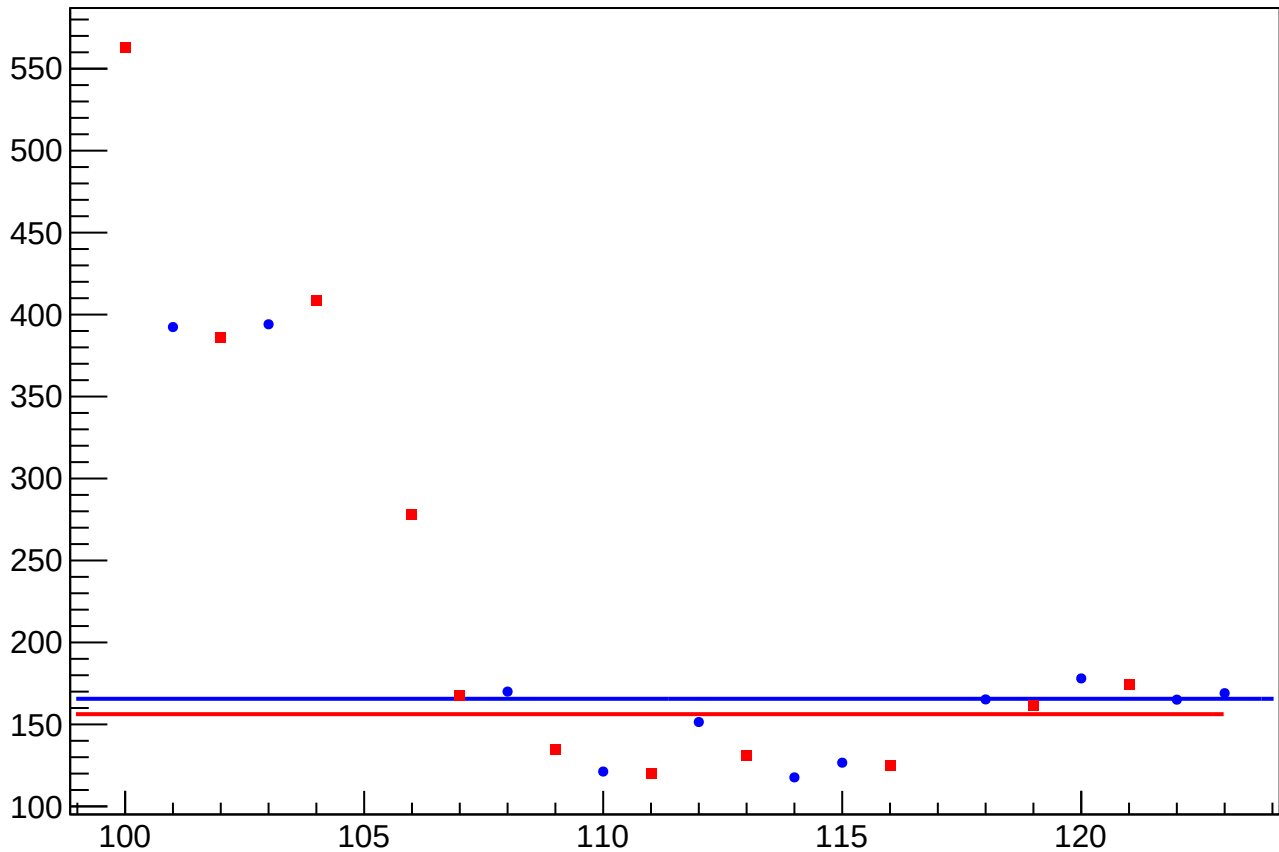
All: 157.706+/-0.041 χ^2/NDF : 2226916.9/21

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 141482.086+/-0.089 χ^2 /NDF: 50274805.8/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 141530.742+/-0.080 χ^2 /NDF: 43448016.5/10
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 141509.101+/-0.059 χ^2 /NDF: 93888928.1/21

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 165.631+/-0.063 χ^2/NDF : 1011447.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.256+/-0.056 χ^2/NDF : 1222663.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

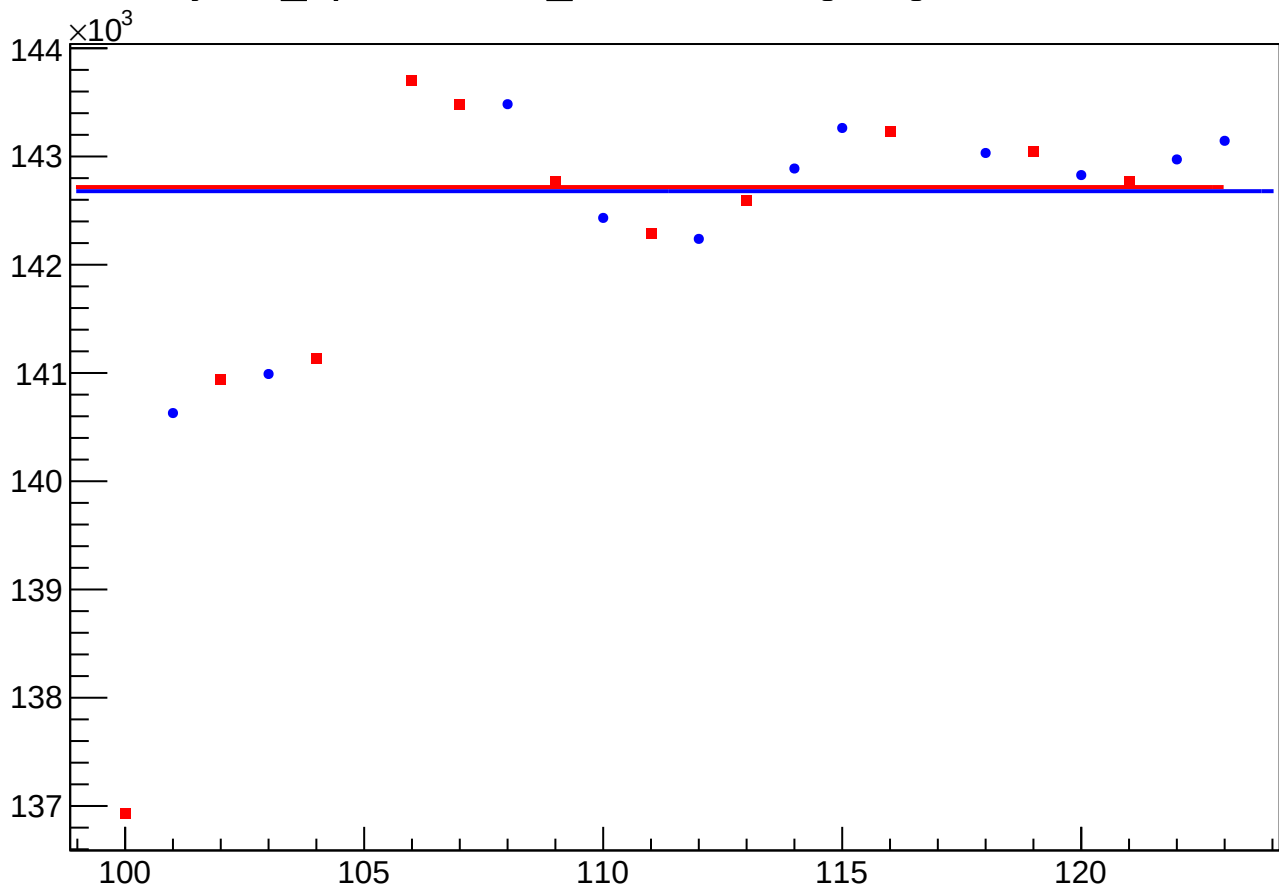
Right: 160.425+/-0.042 χ^2/NDF : 2246446.1/21

In: 165.631+/-0.063 χ^2/NDF : 1011447.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

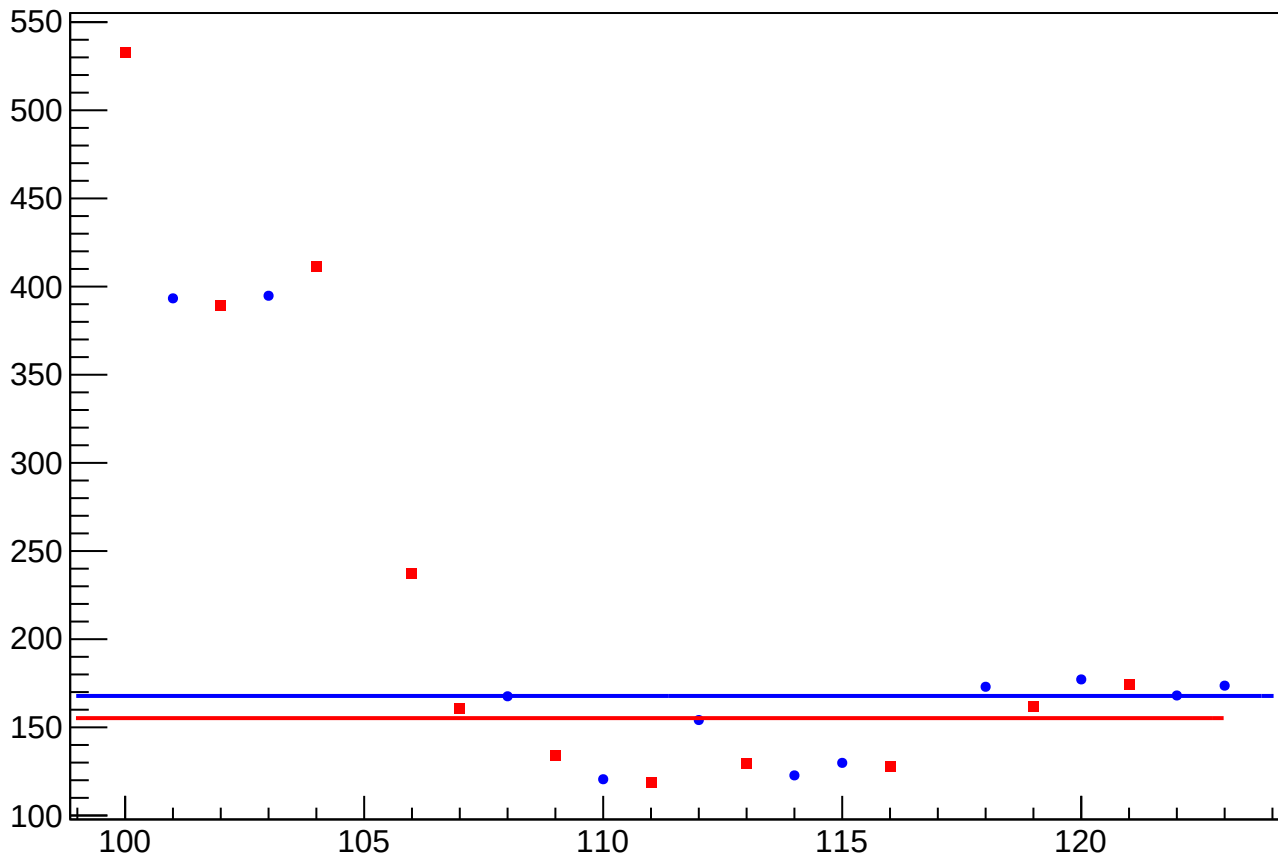
All: 160.425+/-0.042 χ^2/NDF : 2246446.1/21

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 142679.500 $\pm$ 0.090 χ^2 /NDF: 49725738.8/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142717.610 $\pm$ 0.079 χ^2 /NDF: 52735683.3/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142701.023 $\pm$ 0.059 χ^2 /NDF: 102562569.6/20
 In: 142679.500 $\pm$ 0.090 χ^2 /NDF:49725738.8/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 142701.023 $\pm$ 0.059 χ^2 /NDF: 102562569.6/20

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 167.809+/-0.064 χ^2/NDF : 1001503.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.229+/-0.056 χ^2/NDF : 1182957.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

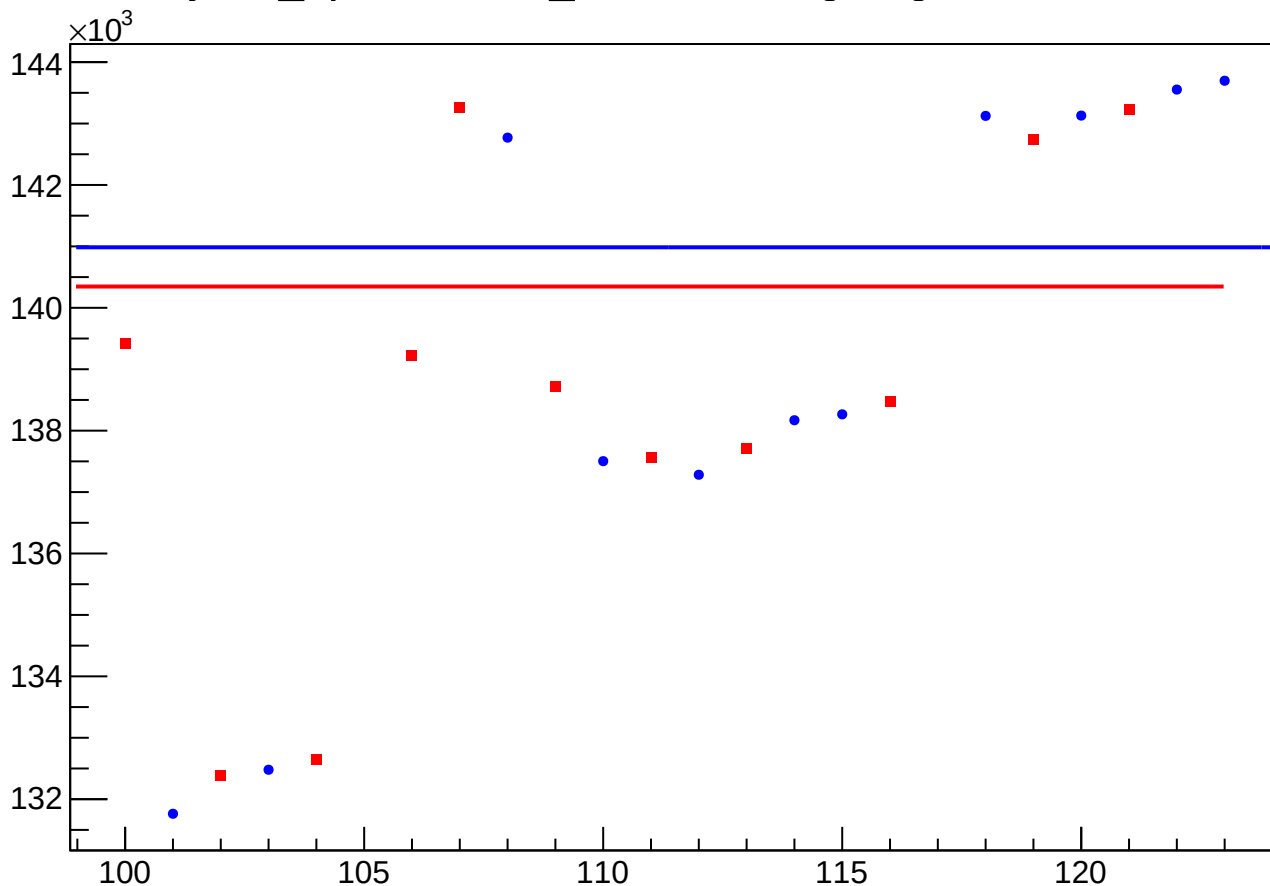
Right: 160.704+/-0.042 χ^2/NDF : 2206502.5/21

In: 167.809+/-0.064 χ^2/NDF : 1001503.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.704+/-0.042 χ^2/NDF : 2206502.5/21

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140985.228+/-0.134 χ^2 /NDF: 758641131.2/10

Right: 140662.832+/-0.094 χ^2 /NDF: 1399458634.7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 140346.554+/-0.133 χ^2 /NDF: 629341882.4/10

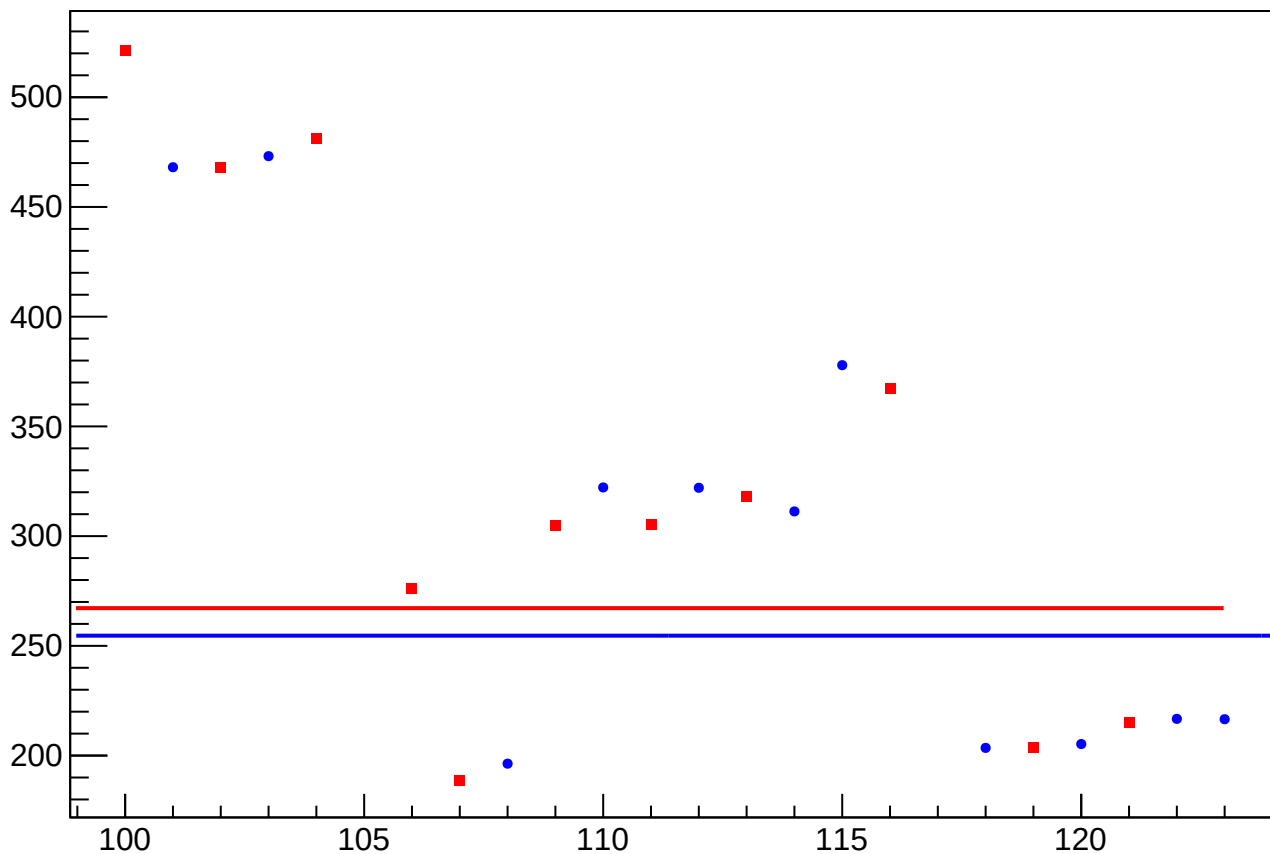
In: 140985.228+/-0.134 χ^2 /NDF: 758641131.2/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140662.832+/-0.094 χ^2 /NDF: 1399458634.7

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 254.639+/-0.095 χ^2/NDF : 840311.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 267.189+/-0.094 χ^2/NDF : 814165.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

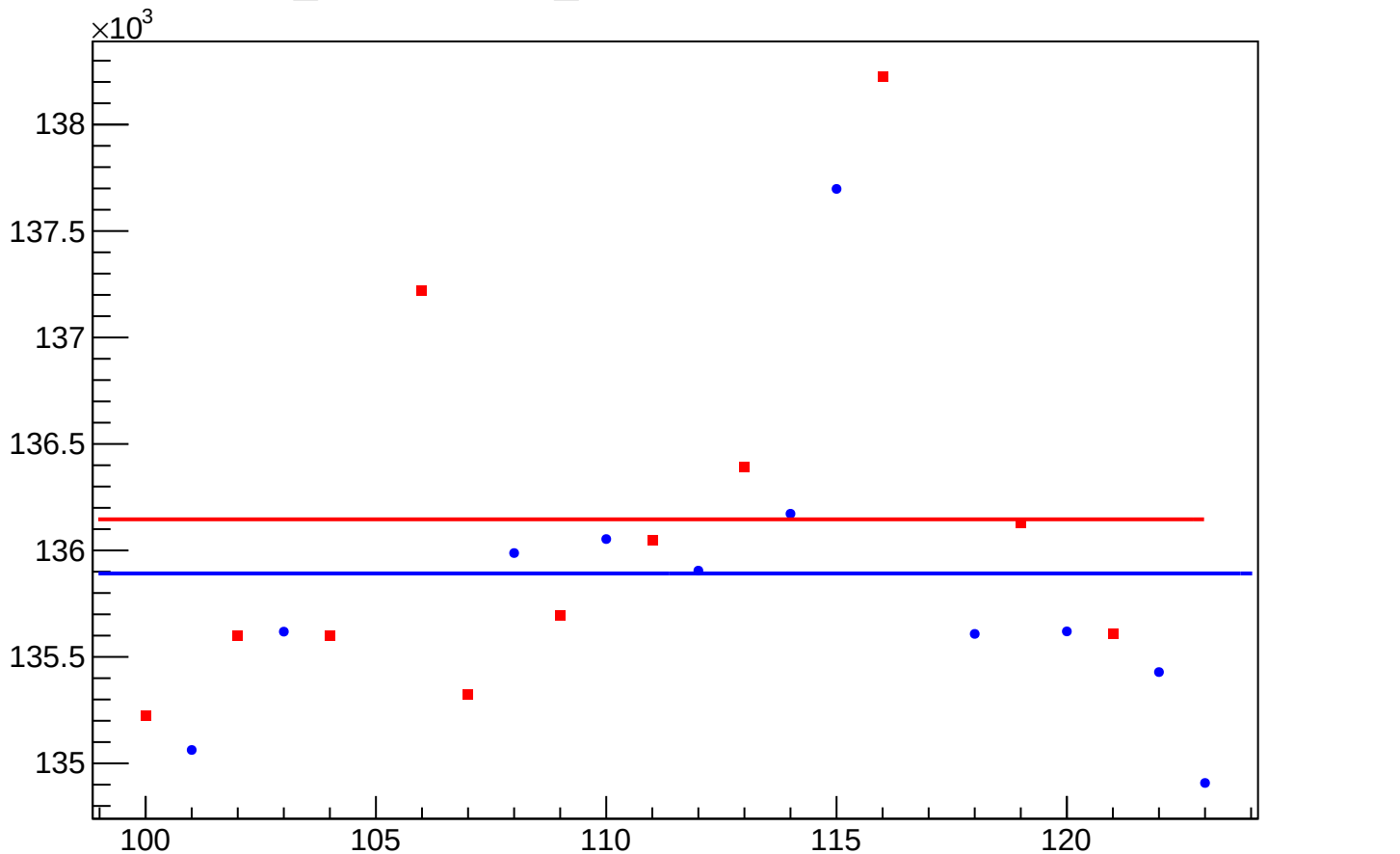
Right: 260.974+/-0.067 χ^2/NDF : 1663339.5/21

In: 254.639+/-0.095 χ^2/NDF :840311.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

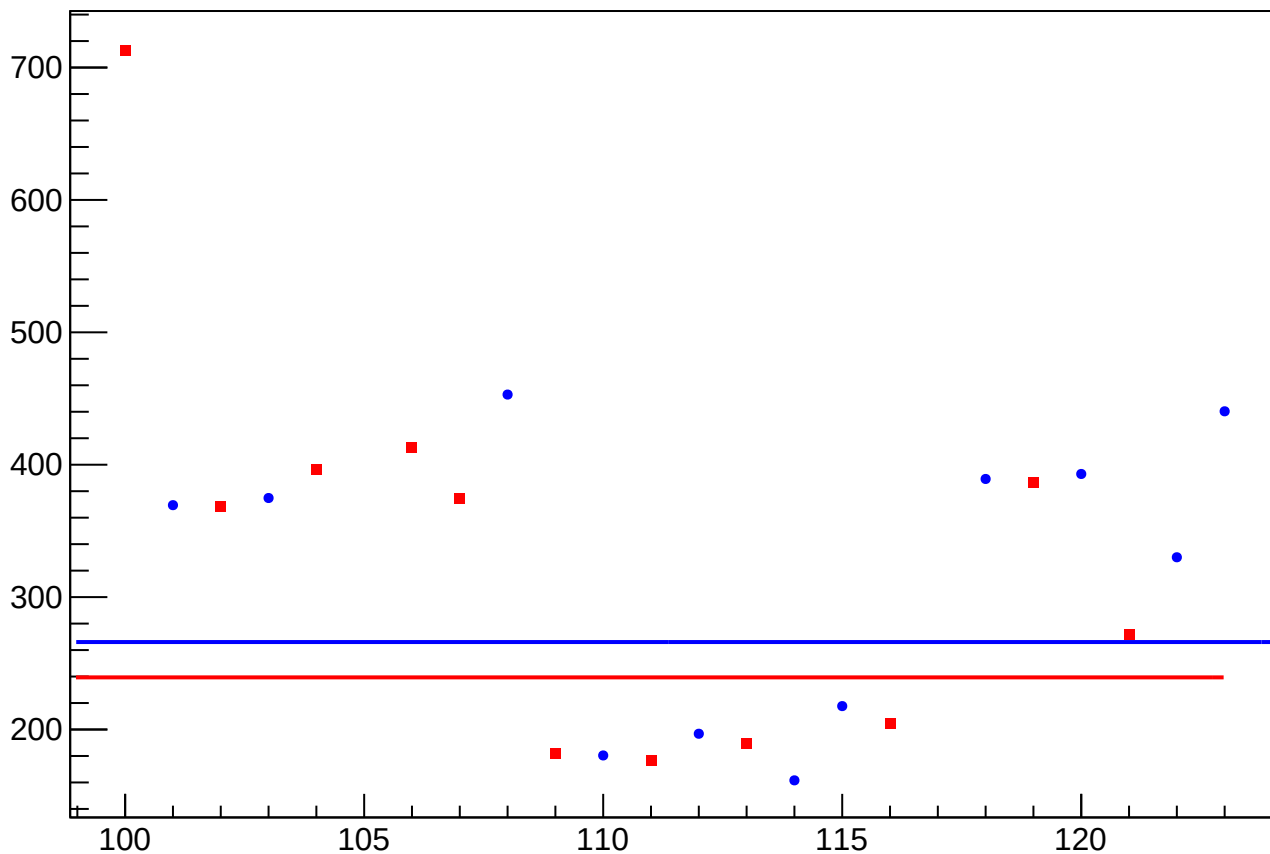
All: 260.974+/-0.067 χ^2/NDF : 1663339.5/21

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135891.943 ± 0.142 $\chi^2/\text{NDF}: 15303960.3/10$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 136146.081 ± 0.121 $\chi^2/\text{NDF}: 36552580.4/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 135891.943 ± 0.142 $\chi^2/\text{NDF}: 15303960.3/10$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 136038.917 ± 0.092 $\chi^2/\text{NDF}: 53716189.1/21$

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 266.057+/-0.100 χ^2/NDF : 928906.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 239.371+/-0.086 χ^2/NDF : 1026307.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

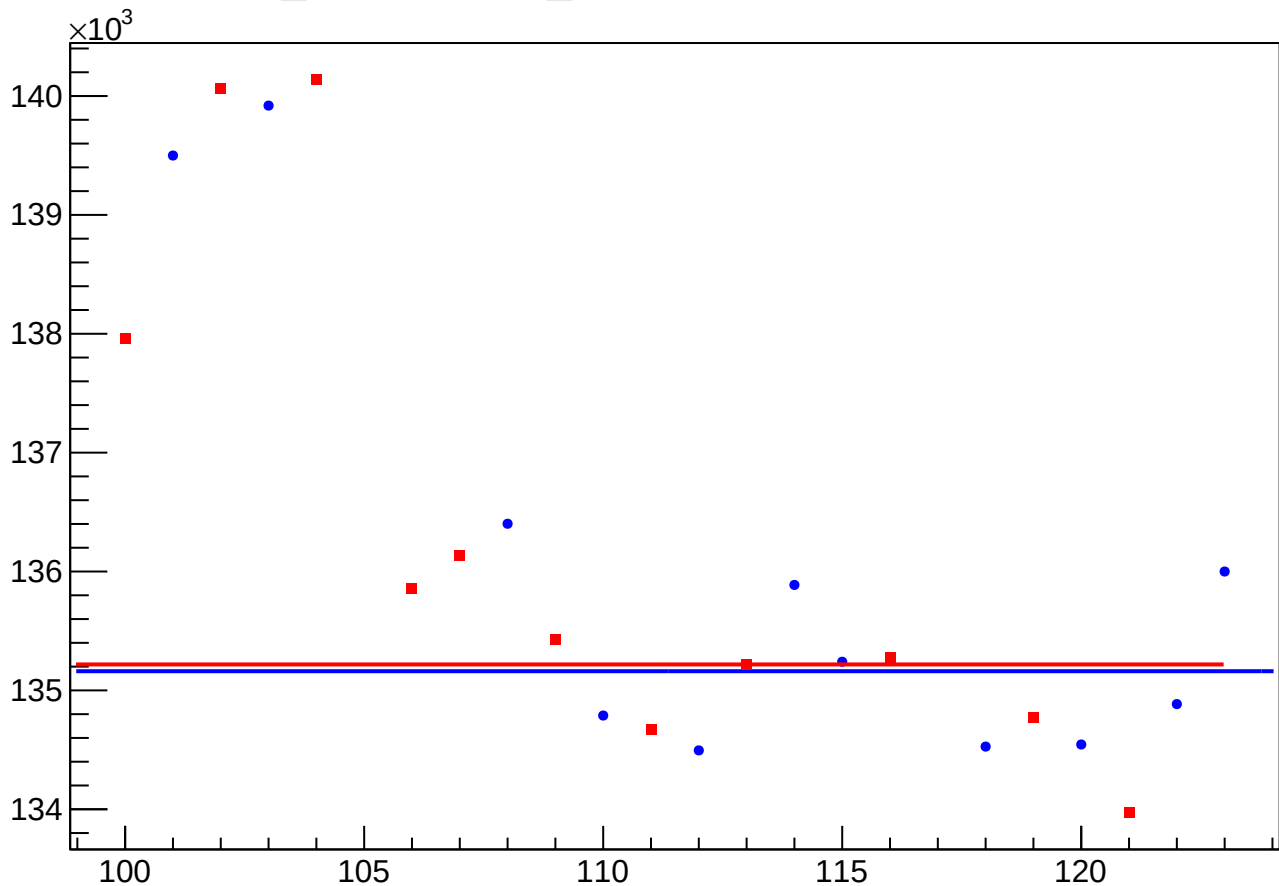
Right: 250.624+/-0.065 χ^2/NDF : 1996225.1/21

In: 266.057+/-0.100 χ^2/NDF : 928906.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

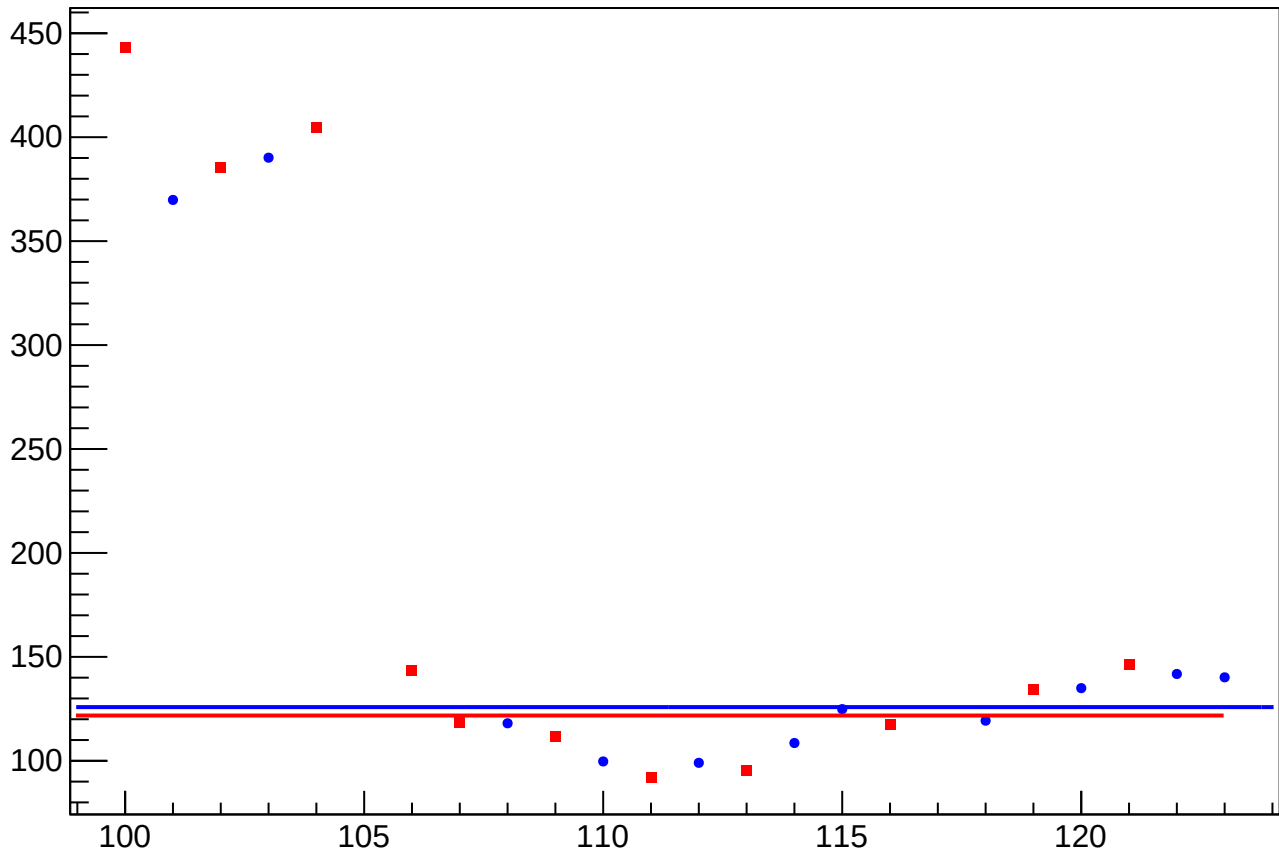
All: 250.624+/-0.065 χ^2/NDF : 1996225.1/21

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 135161.401+/-0.069 χ^2 /NDF: 276542916.4/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 135192.177+/-0.047 χ^2 /NDF: 531938968.4/2
 In: 135161.401+/-0.069 χ^2 /NDF: 276542916.4/10
 Right Out: 135218.381+/-0.063 χ^2 /NDF: 255024817.8/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 135192.177+/-0.047 χ^2 /NDF: 531938968.4/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 125.835+/-0.049 χ^2/NDF : 1262169.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.787+/-0.045 χ^2/NDF : 1401225.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

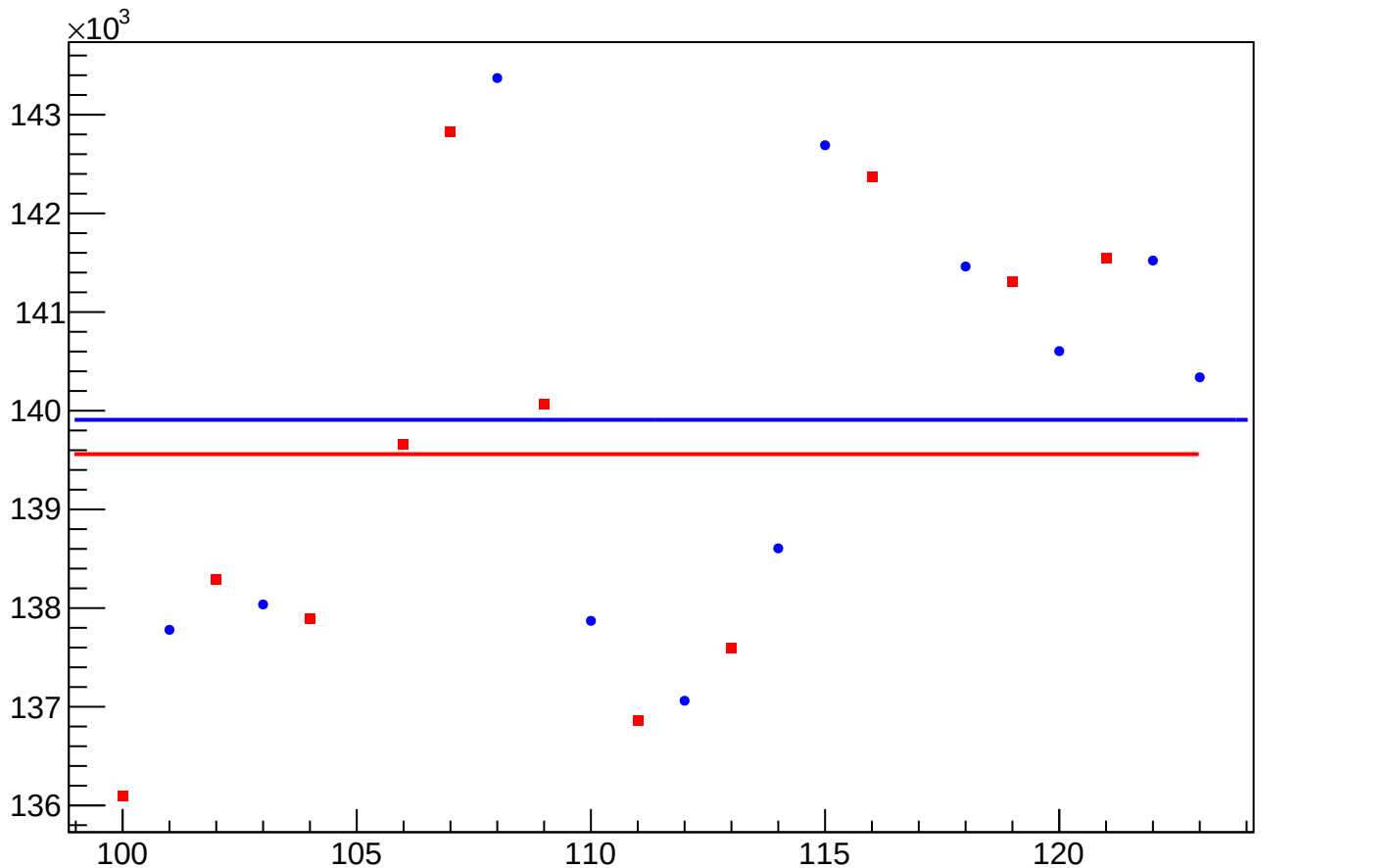
Right: 123.649+/-0.033 χ^2/NDF : 2667142.0/21

In: 125.835+/-0.049 χ^2/NDF : 1262169.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

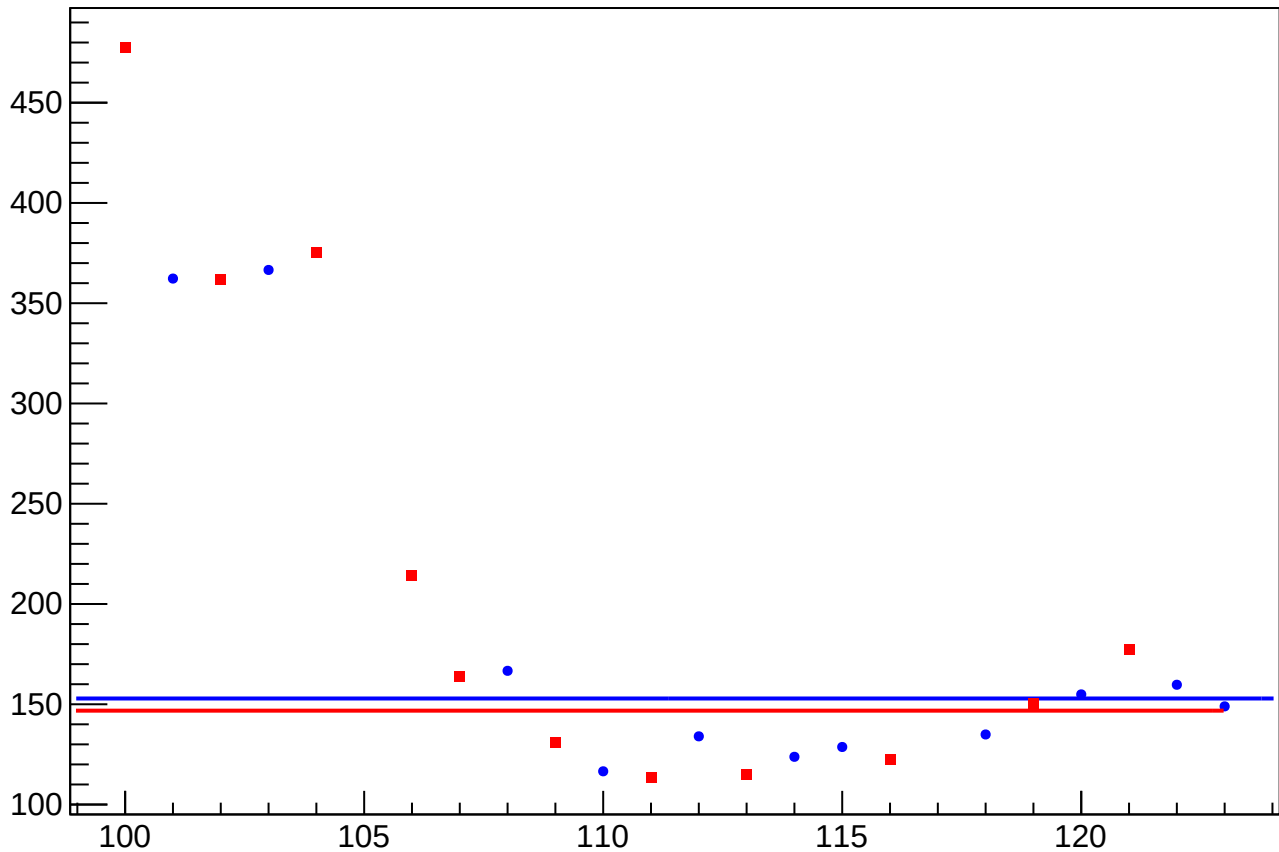
All: 123.649+/-0.033 χ^2/NDF : 2667142.0/21

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139907.872 $\pm$ 0.082 χ^2 /NDF: 703570592.8/10
 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: 139719.194 $\pm$ 0.055 χ^2 /NDF: 1476456842.8/10
 Right Out: 139560.093 $\pm$ 0.075 χ^2 /NDF: 763090499.3/10
 In: 139907.872 $\pm$ 0.082 χ^2 /NDF: 703570592.8/10
 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: 139719.194 $\pm$ 0.055 χ^2 /NDF: 1476456842.8/10

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 152.880 $\pm$ 0.058 χ^2 /NDF: 981229.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.814 $\pm$ 0.053 χ^2 /NDF: 1165404.3/10

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

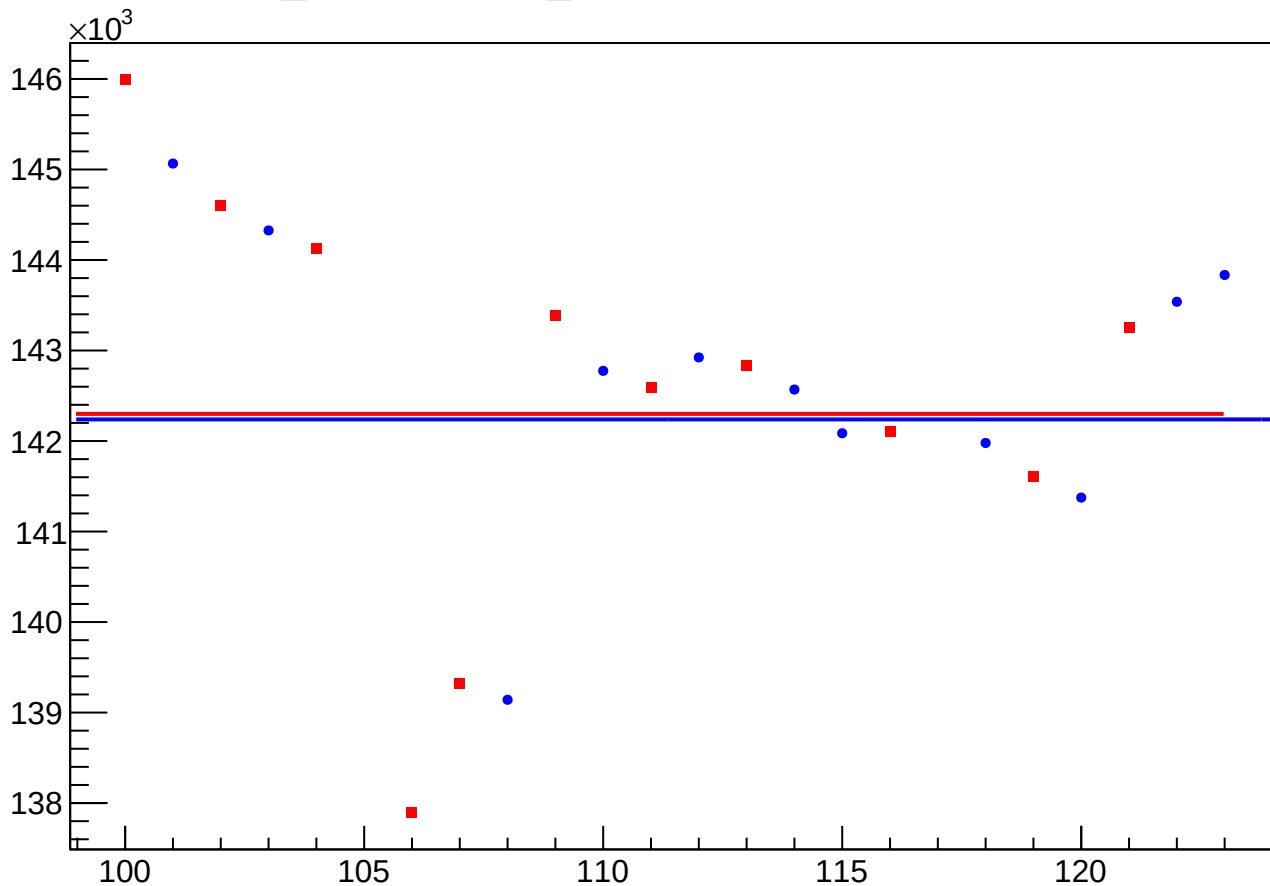
Right: 149.589 $\pm$ 0.039 χ^2 /NDF: 2152592.9/21

In: 152.880 $\pm$ 0.058 χ^2 /NDF: 981229.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.589 $\pm$ 0.039 χ^2 /NDF: 2152592.9/21

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142238.740+/-0.088 χ^2 /NDF: 291099795.0/10

Right: 142272.798+/-0.059 χ^2 /NDF: 633127526.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

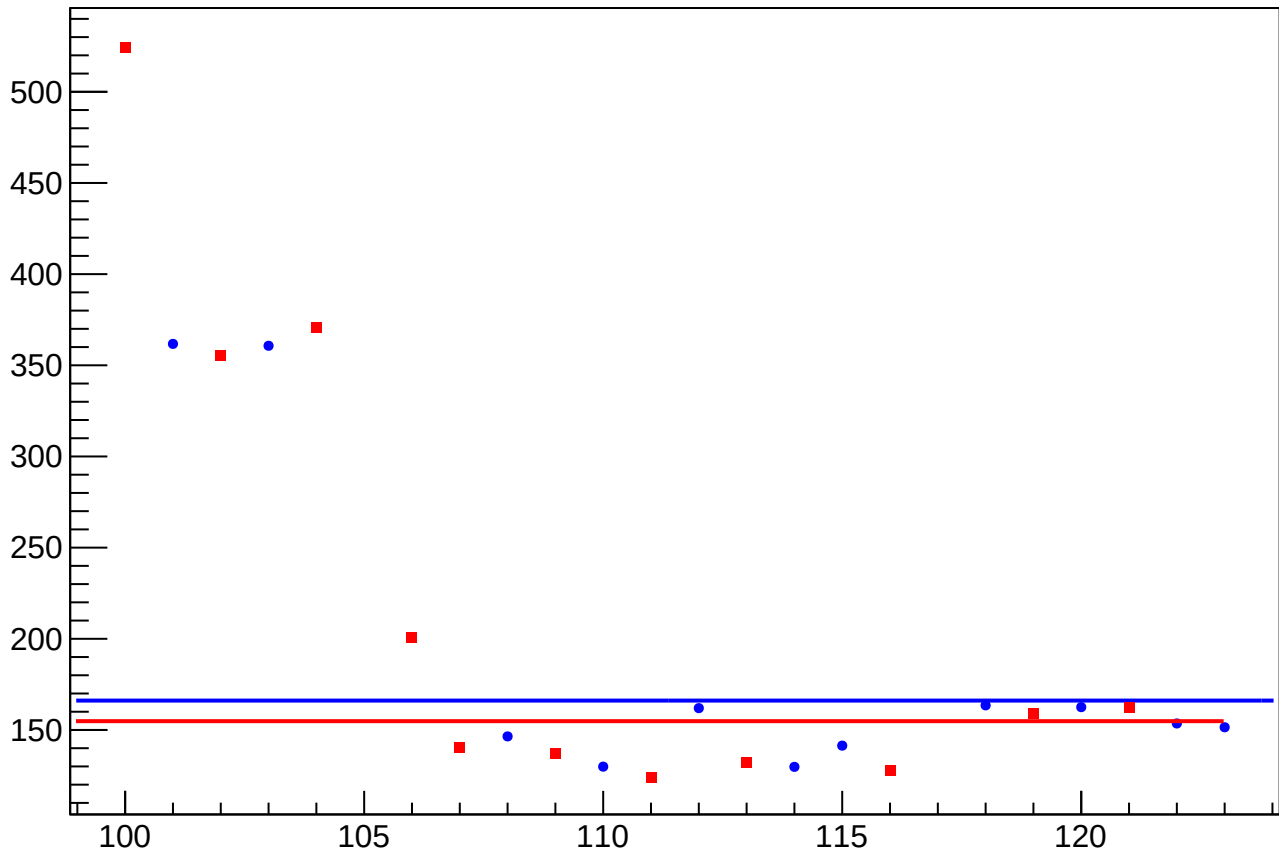
Right Out: 142299.660+/-0.078 χ^2 /NDF: 341761948.9/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142272.798+/-0.059 χ^2 /NDF: 633127526.8/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 166.119+/-0.062 χ^2/NDF : 834464.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.828+/-0.055 χ^2/NDF : 986204.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

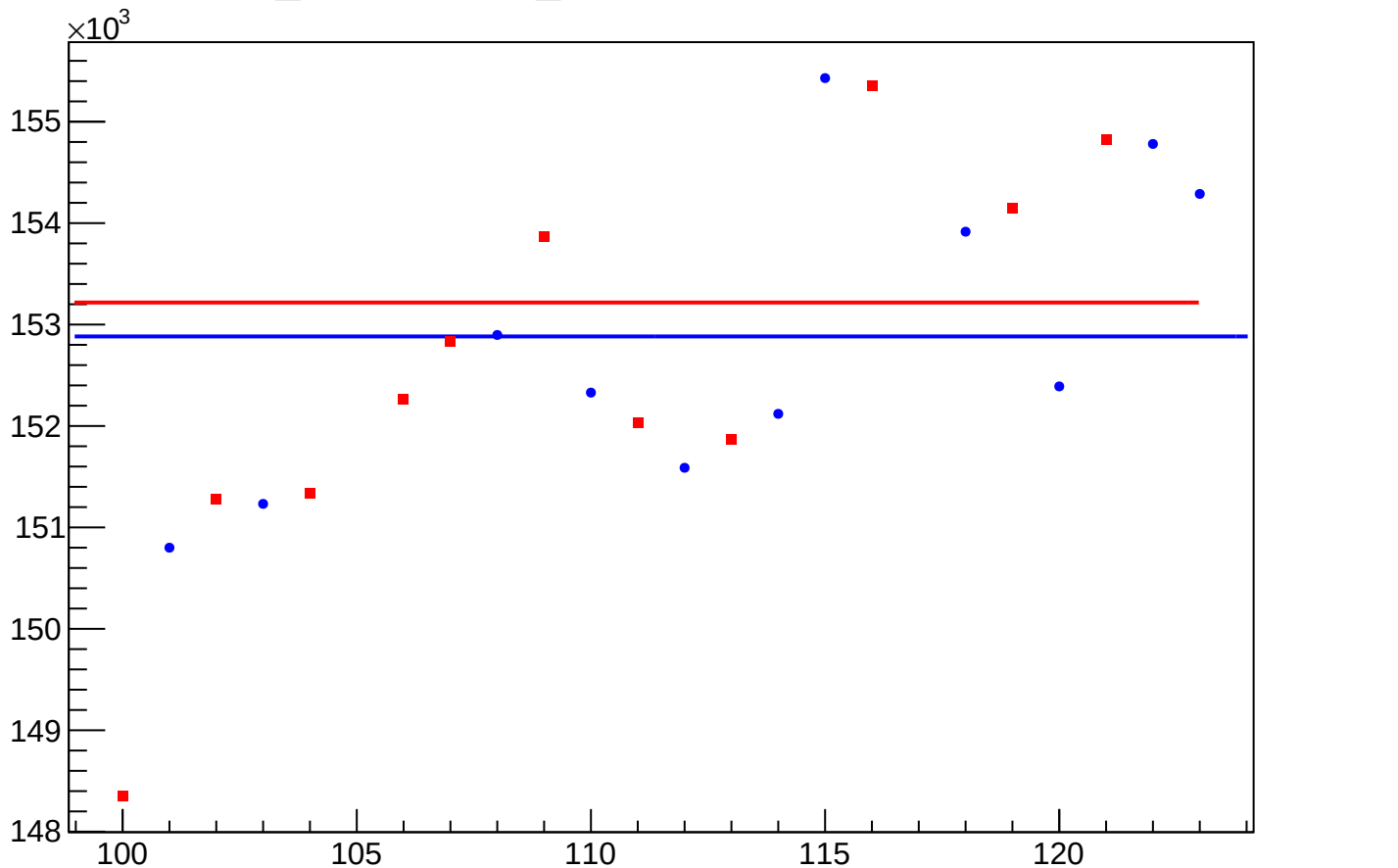
Right: 159.807+/-0.041 χ^2/NDF : 1838928.7/21

In: 166.119+/-0.062 χ^2/NDF : 834464.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

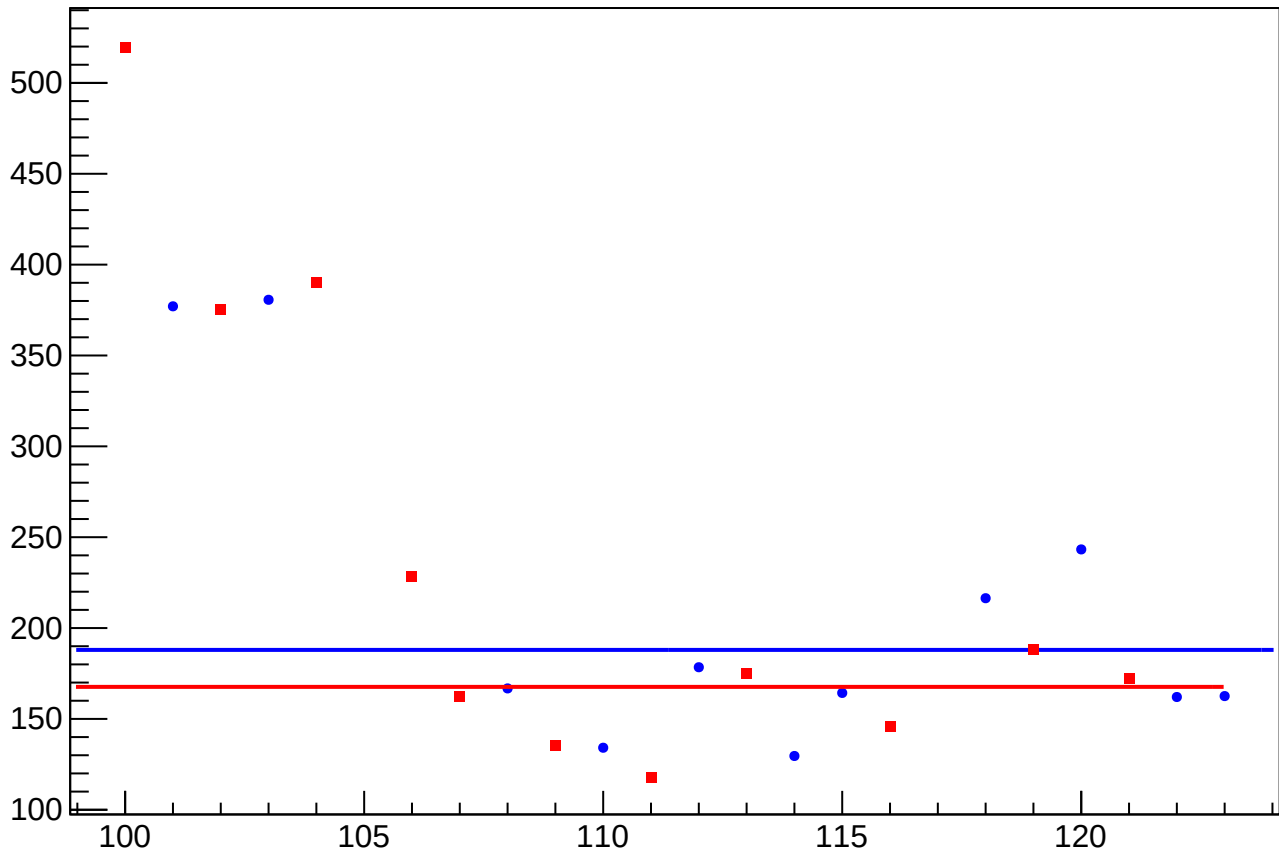
All: 159.807+/-0.041 χ^2/NDF : 1838928.7/21

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152882.833 $\pm$ 0.103 χ^2 /NDF: 153890013.7/10
 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: 153077.522 $\pm$ 0.067 χ^2 /NDF: 372684587.0/2
 Right Out: 153217.250 $\pm$ 0.087 χ^2 /NDF: 212686717.5/10
 In: 152882.833 $\pm$ 0.103 χ^2 /NDF: 153890013.7/10
 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: 153077.522 $\pm$ 0.067 χ^2 /NDF: 372684587.0/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 187.976+/-0.073 χ^2/NDF : 874480.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.630+/-0.062 χ^2/NDF : 1067224.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

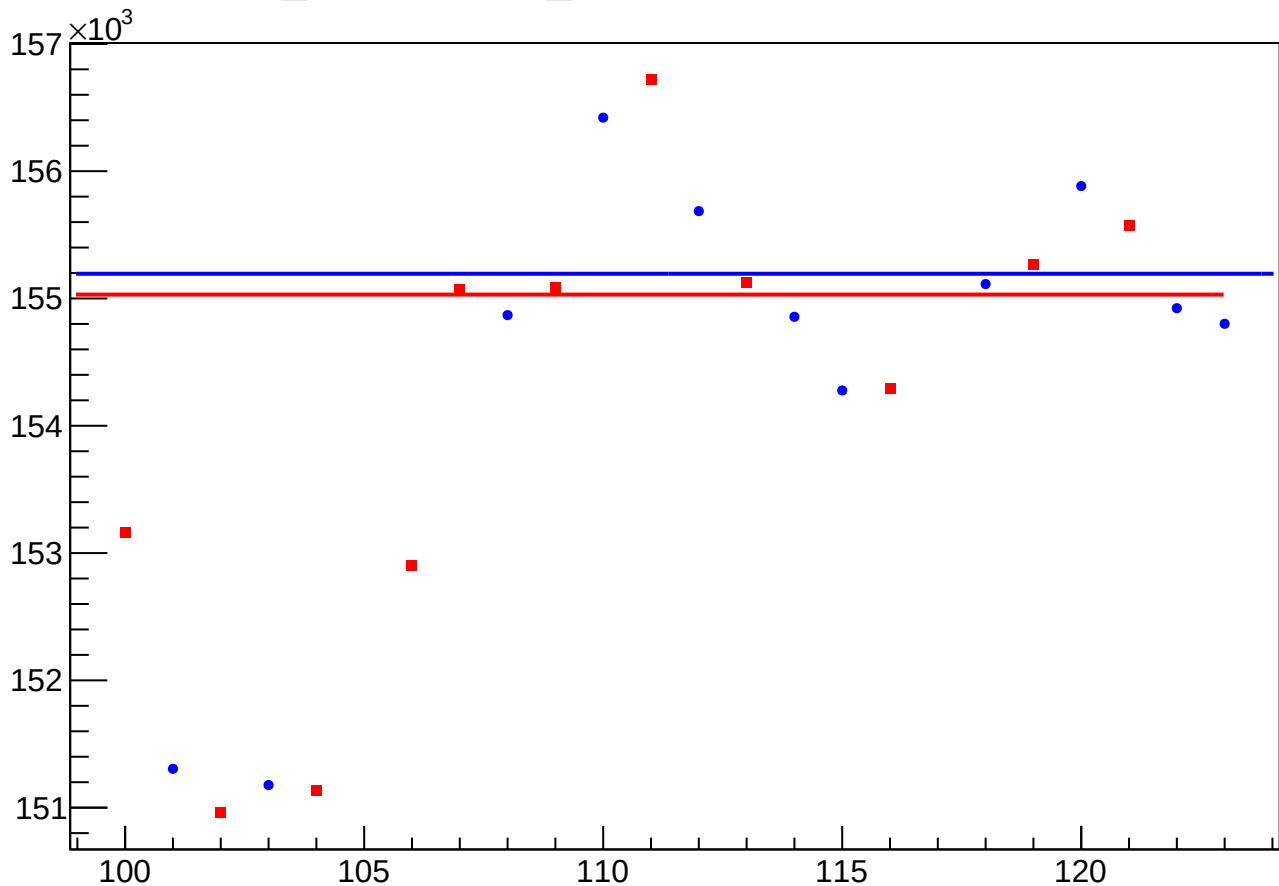
Right: 176.131+/-0.047 χ^2/NDF : 1986921.9/21

In: 187.976+/-0.073 χ^2/NDF : 874480.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

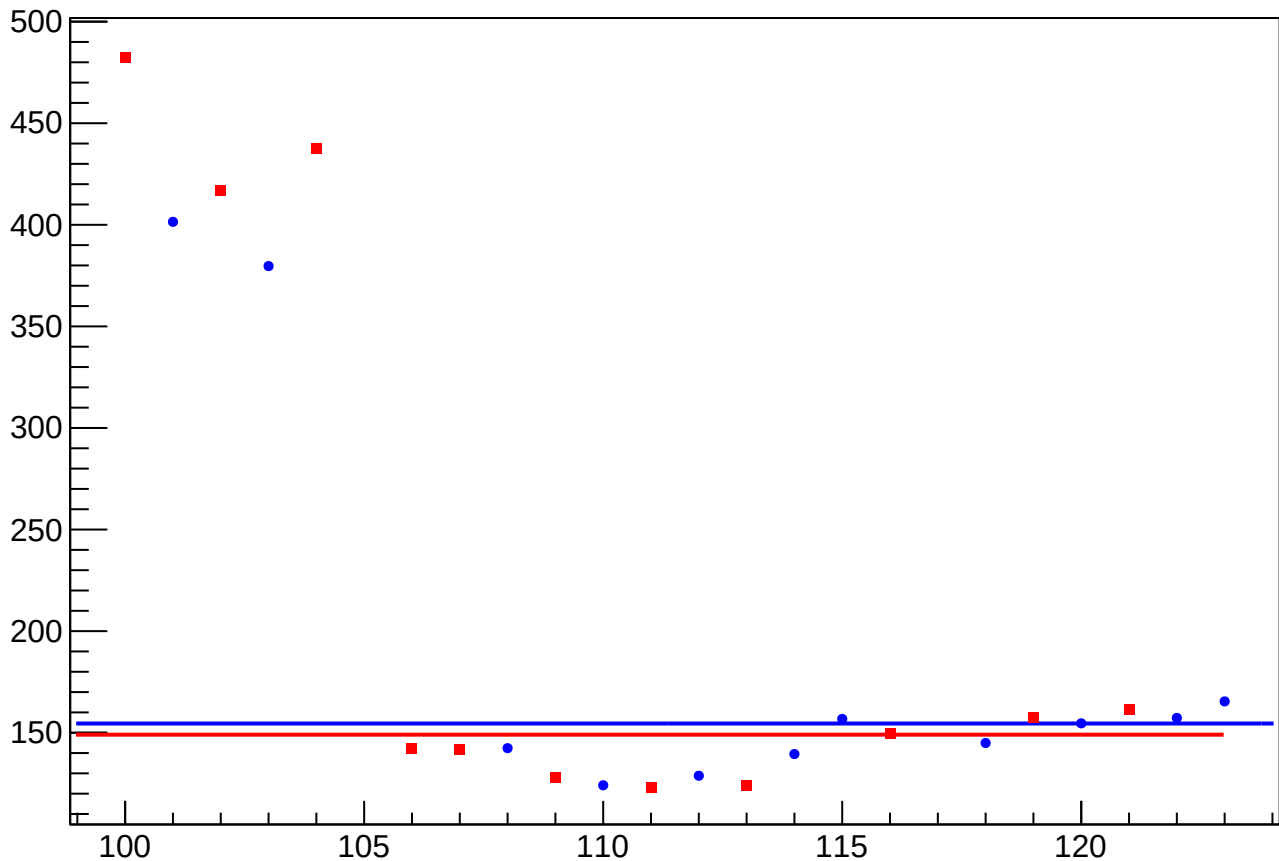
All: 176.131+/-0.047 χ^2/NDF : 1986921.9/21

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 155194.193+/-0.083 χ^2 /NDF: 182865428.8/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 155104.352+/-0.056 χ^2 /NDF: 455151714.7/2
 In: 155194.193+/-0.083 χ^2 /NDF: 182865428.8/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 155104.352+/-0.056 χ^2 /NDF: 455151714.7/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 154.533+/-0.058 χ^2/NDF : 986577.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.039+/-0.053 χ^2/NDF : 1169257.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

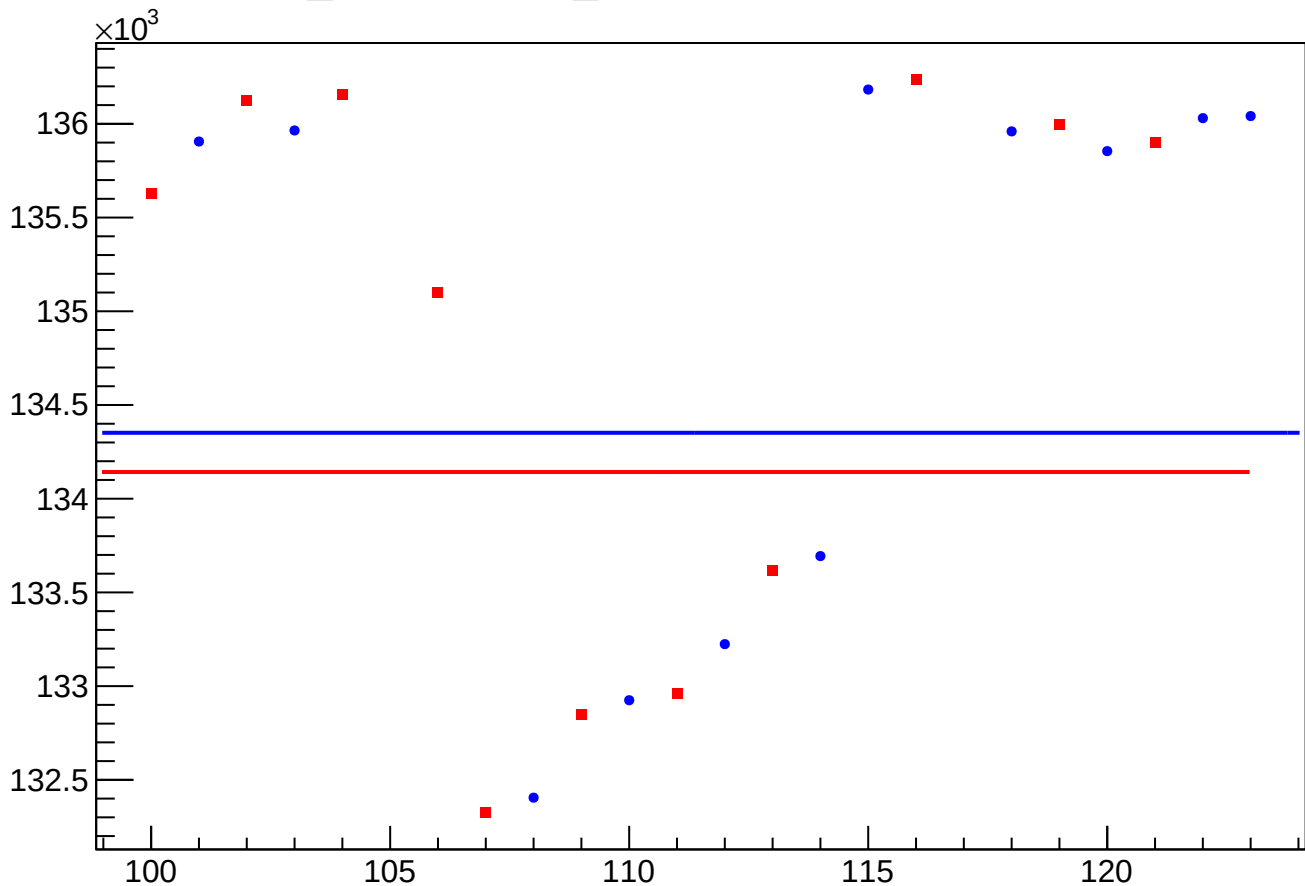
Right: 151.518+/-0.039 χ^2/NDF : 2160683.7/21

In: 154.533+/-0.058 χ^2/NDF : 986577.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

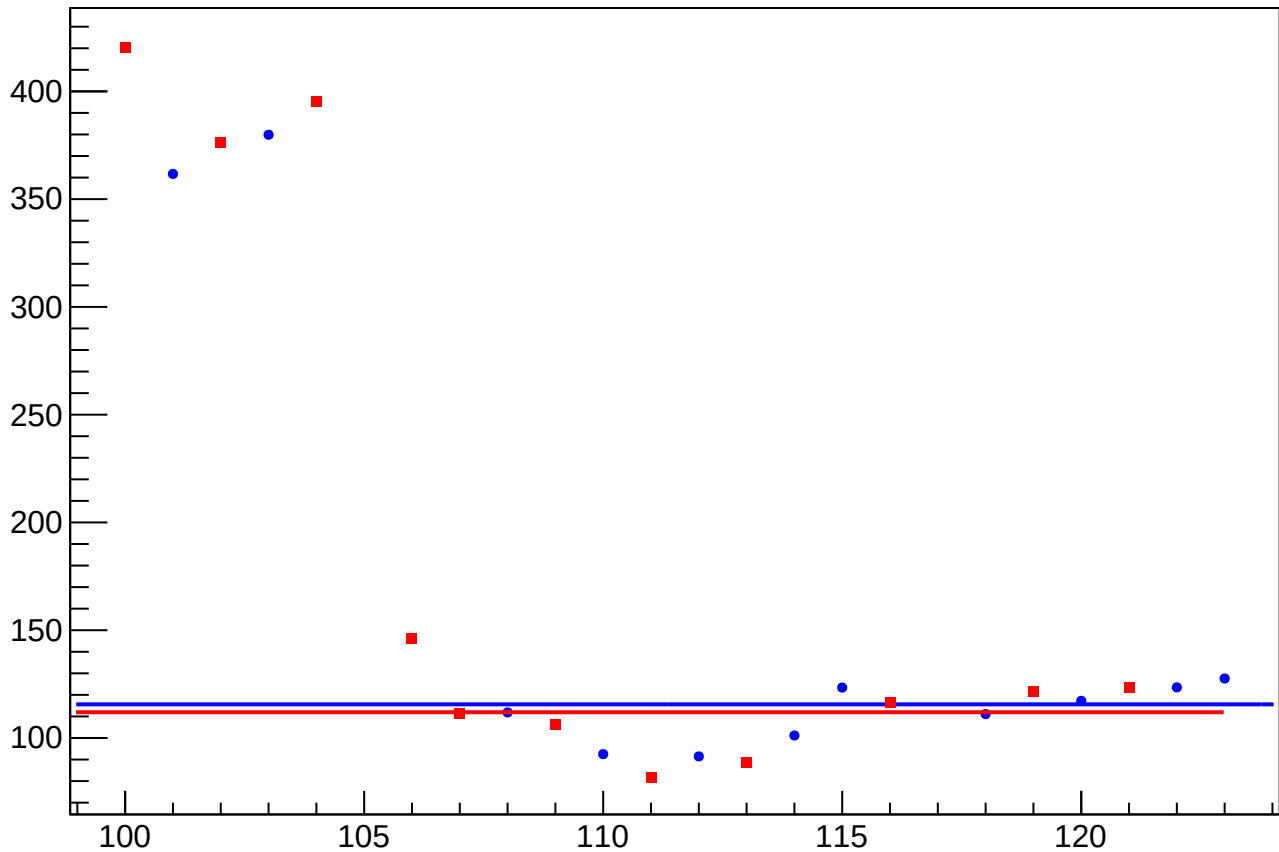
All: 151.518+/-0.039 χ^2/NDF : 2160683.7/21

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134351.731 $\pm$ 0.063 χ^2 /NDF: 574708041.6/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 134142.415 $\pm$ 0.058 χ^2 /NDF: 604168328.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 134238.631 $\pm$ 0.043 χ^2 /NDF: 1184806053.2/10
 In: 134351.731 $\pm$ 0.063 χ^2 /NDF:574708041.6/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 115.605 $\pm$ 0.045 χ^2 /NDF: 1310320.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.943 $\pm$ 0.041 χ^2 /NDF: 1474661.6/10

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

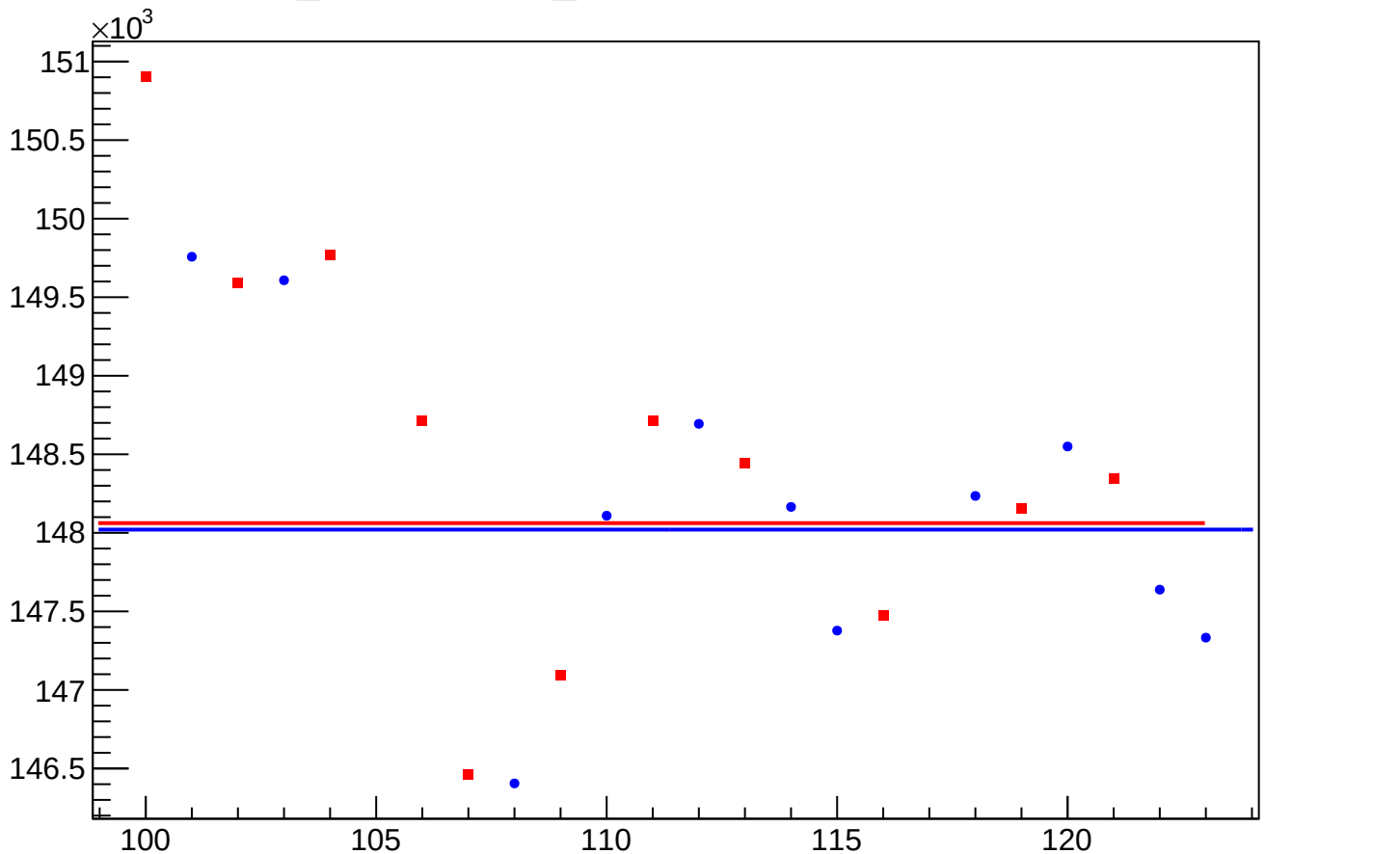
Right: 113.626 $\pm$ 0.030 χ^2 /NDF: 2788610.2/21

In: 115.605 $\pm$ 0.045 χ^2 /NDF: 1310320.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

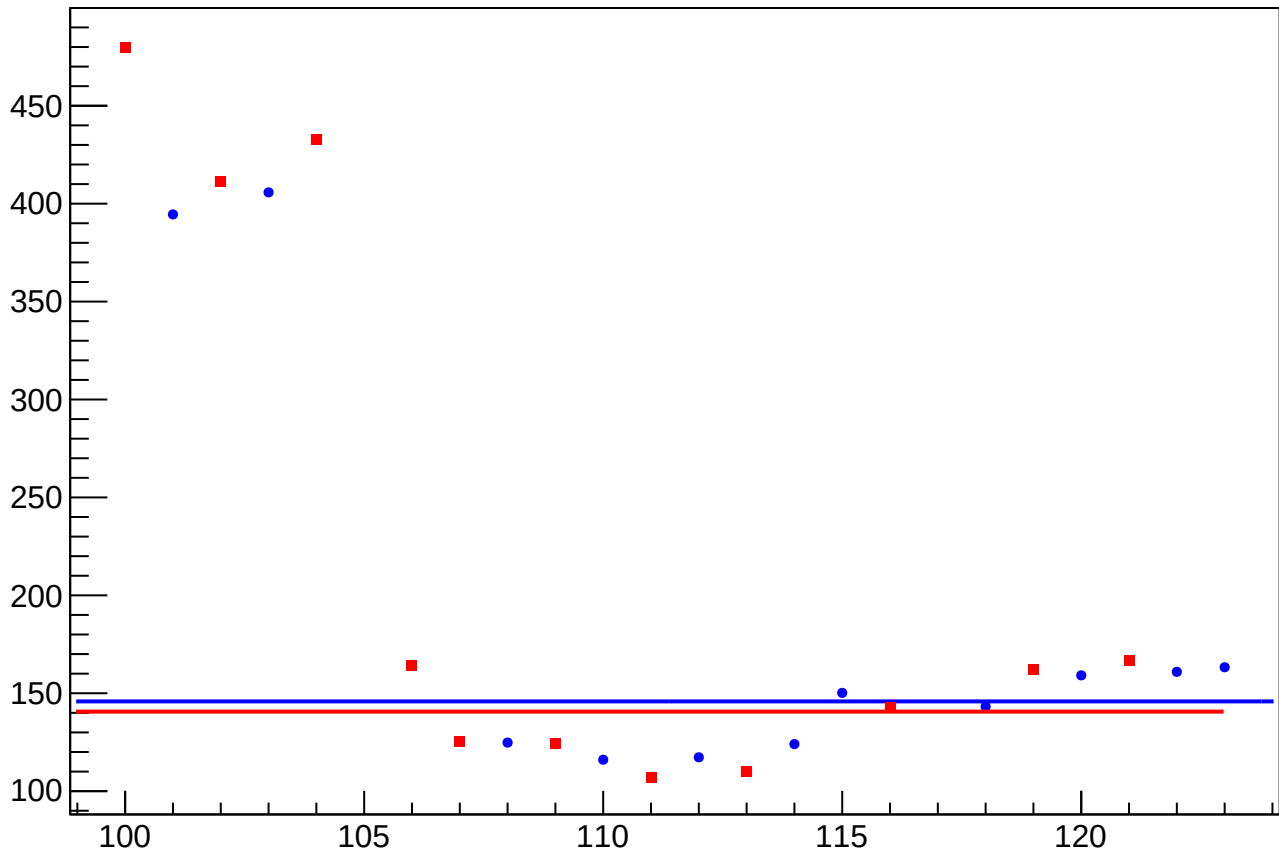
All: 113.626 $\pm$ 0.030 χ^2 /NDF: 2788610.2/21

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 148020.638+/-0.079 χ^2 /NDF: 111573076.3/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 148043.112+/-0.053 χ^2 /NDF: 232651591.5/2
 In: 148020.638+/-0.079 χ^2 /NDF: 111573076.3/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 148043.112+/-0.053 χ^2 /NDF: 232651591.5/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 145.836+/-0.056 χ^2/NDF : 1154624.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.620+/-0.051 χ^2/NDF : 1340928.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

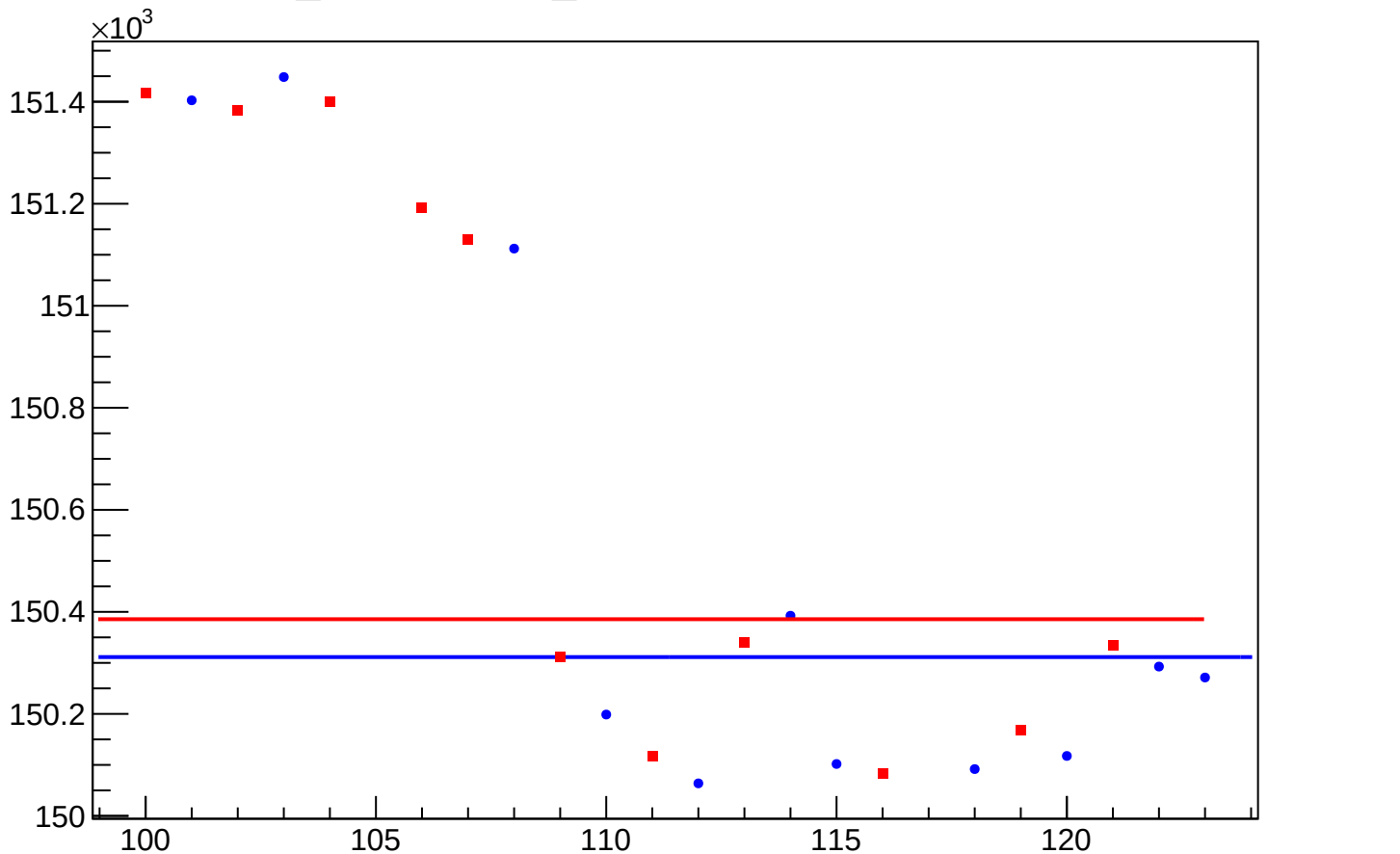
Right: 142.995+/-0.038 χ^2/NDF : 2500333.5/21

In: 145.836+/-0.056 χ^2/NDF : 1154624.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

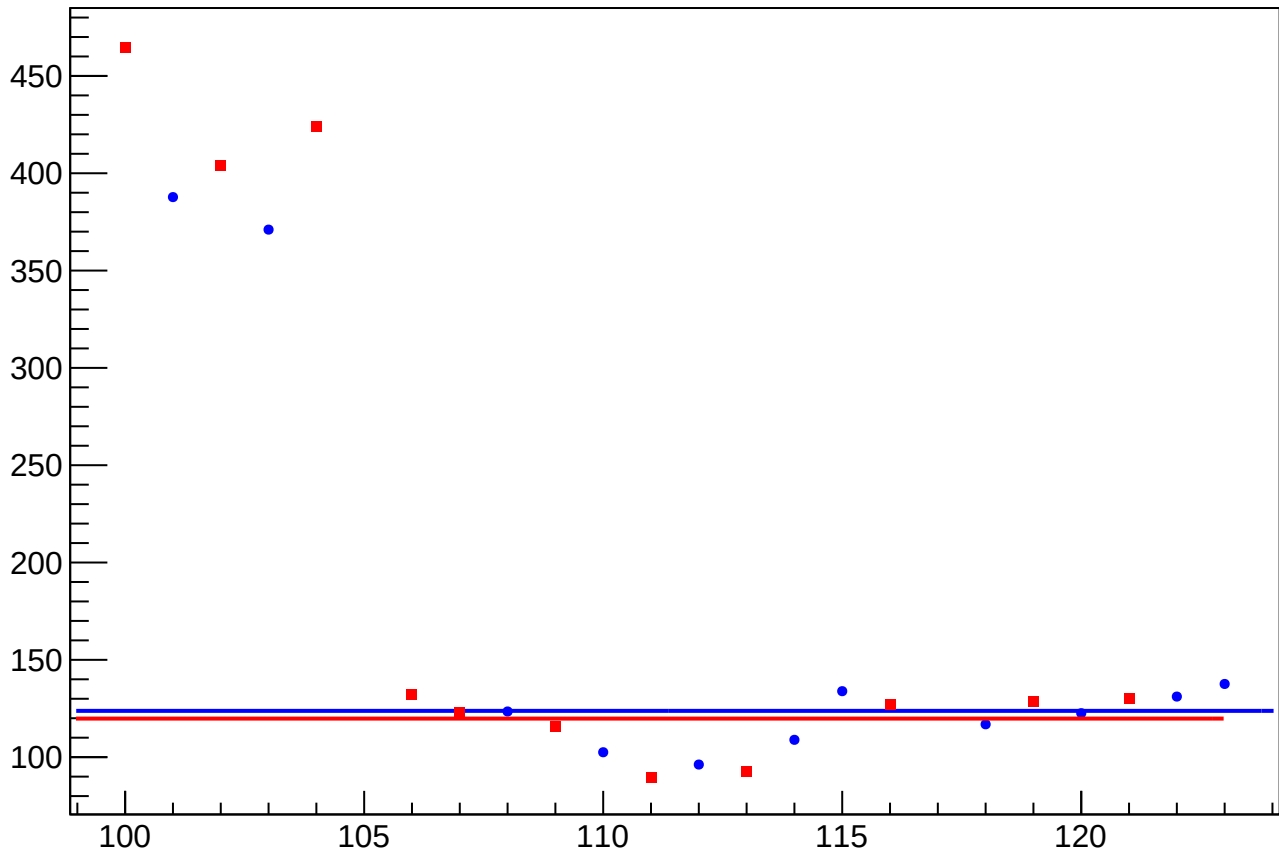
All: 142.995+/-0.038 χ^2/NDF : 2500333.5/21

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150311.387 $\pm$ 0.068 χ^2 /NDF: 33110457.9/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150385.605 $\pm$ 0.062 χ^2 /NDF: 35404726.3/10
 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: 150351.930 $\pm$ 0.046 χ^2 /NDF: 69173062.9/21
 In: 150311.387 $\pm$ 0.068 χ^2 /NDF:33110457.9/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150351.930 $\pm$ 0.046 χ^2 /NDF: 69173062.9/21

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 123.787+/-0.048 χ^2/NDF : 1227821.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.818+/-0.044 χ^2/NDF : 1445809.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

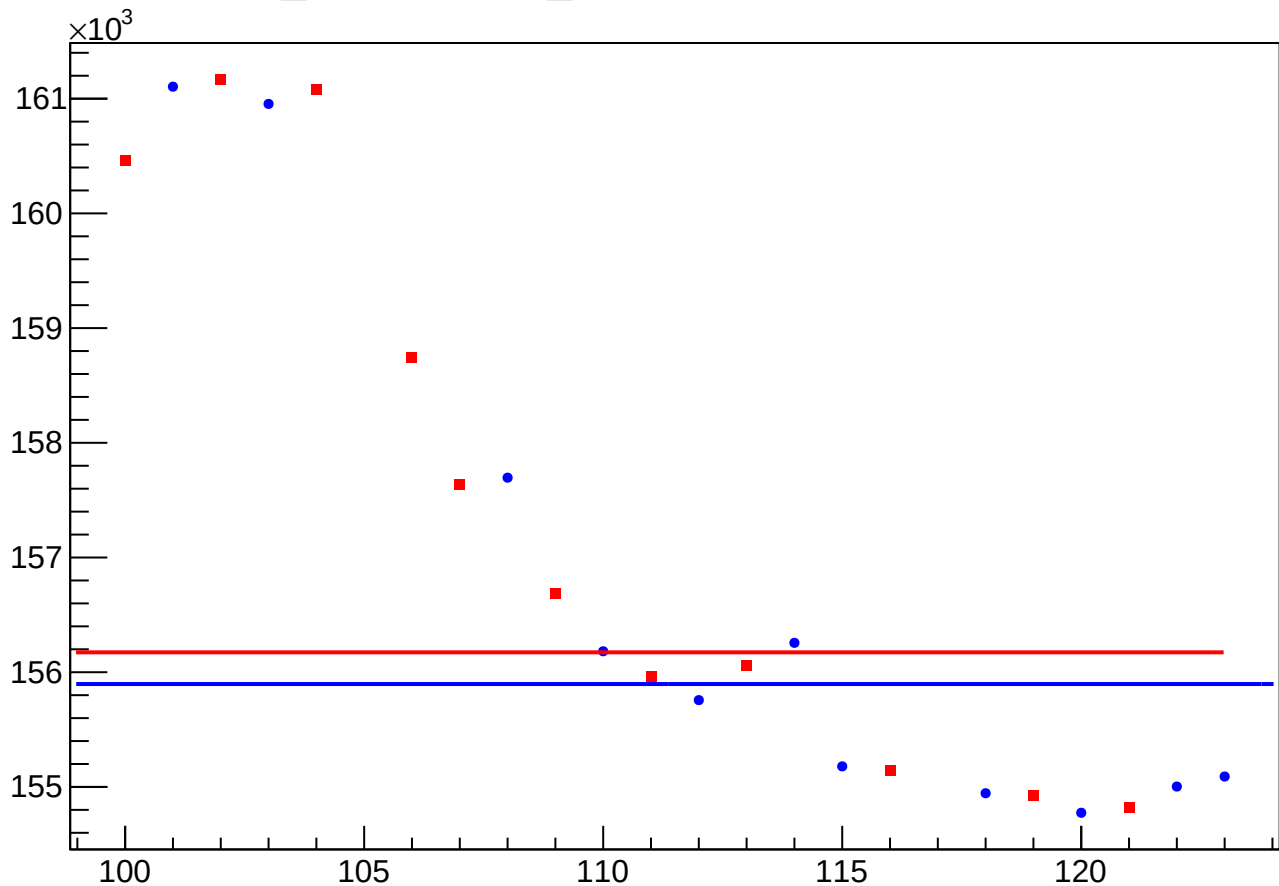
Right: 121.619+/-0.032 χ^2/NDF : 2677395.2/21

In: 123.787+/-0.048 χ^2/NDF : 1227821.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.619+/-0.032 χ^2/NDF : 2677395.2/21

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155897.050+/-0.071 χ^2 /NDF: 365071931.0/10

Right: 156047.827+/-0.048 χ^2 /NDF: 806307508.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156173.404+/-0.064 χ^2 /NDF: 432864336.6/10

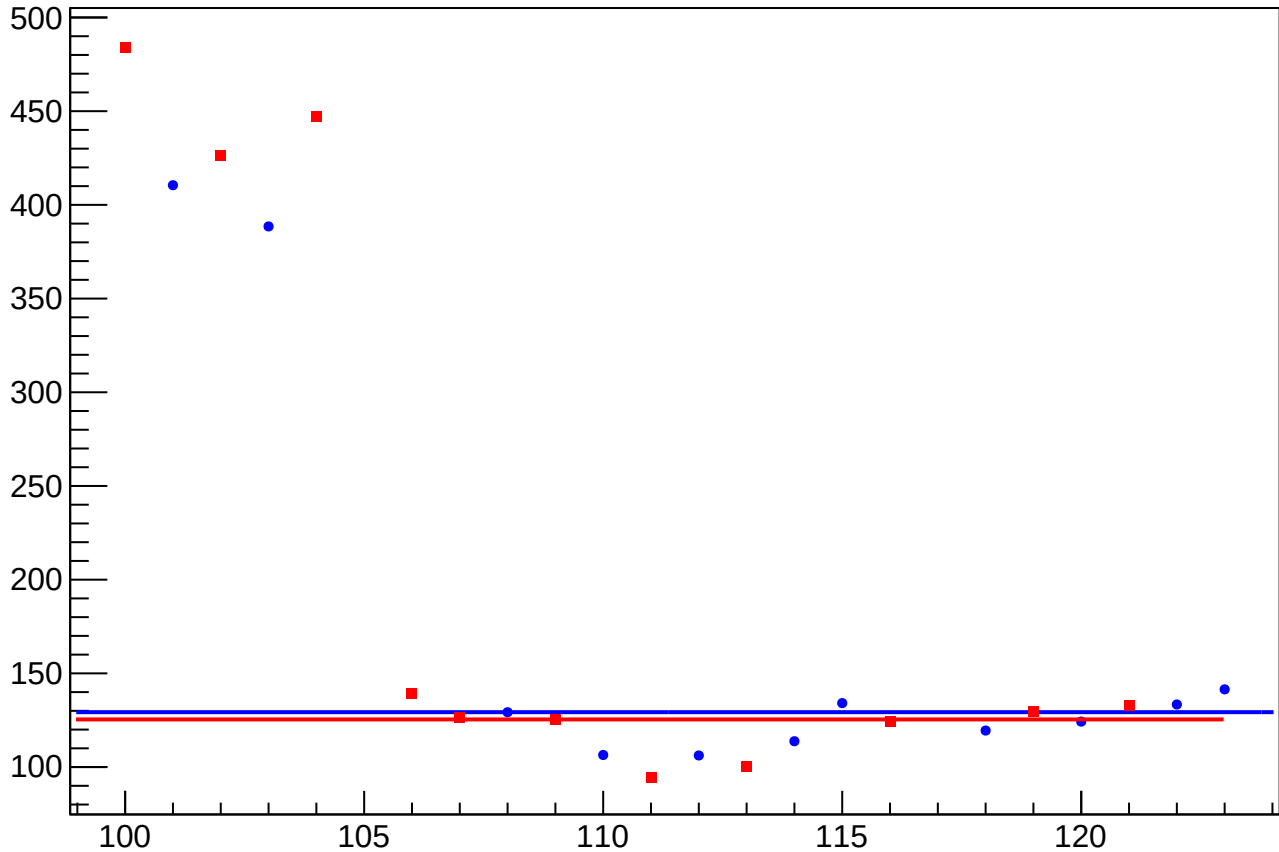
In: 155897.050+/-0.071 χ^2 /NDF: 365071931.0/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 156047.827+/-0.048 χ^2 /NDF: 806307508.0/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 129.295+/-0.050 χ^2/NDF : 1208390.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.419+/-0.046 χ^2/NDF : 1419027.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

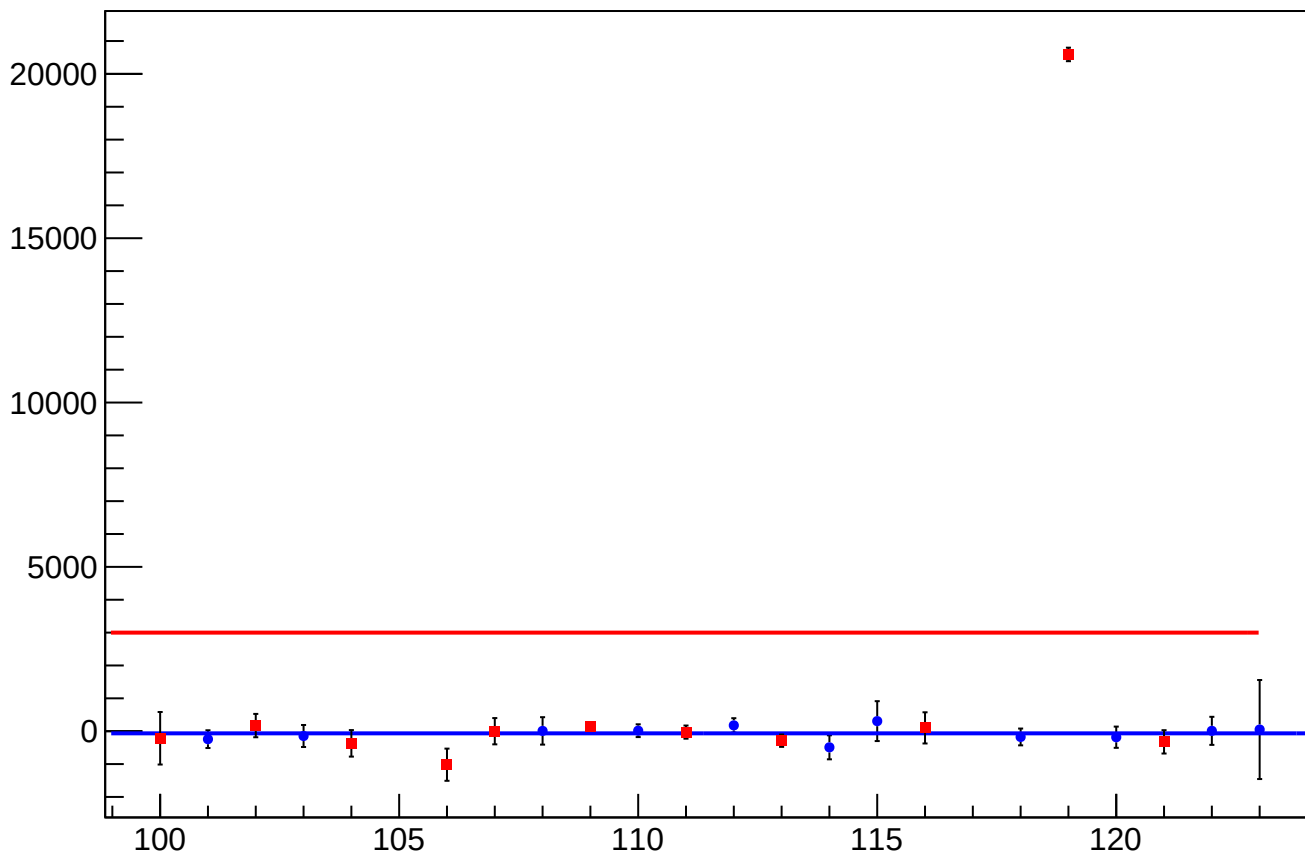
Right: 127.180+/-0.034 χ^2/NDF : 2630711.0/21

In: 129.295+/-0.050 χ^2/NDF : 1208390.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.180+/-0.034 χ^2/NDF : 2630711.0/21

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -65.063+/-92.500 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2999.503+/-79.320 χ^2/NDF : 8616.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

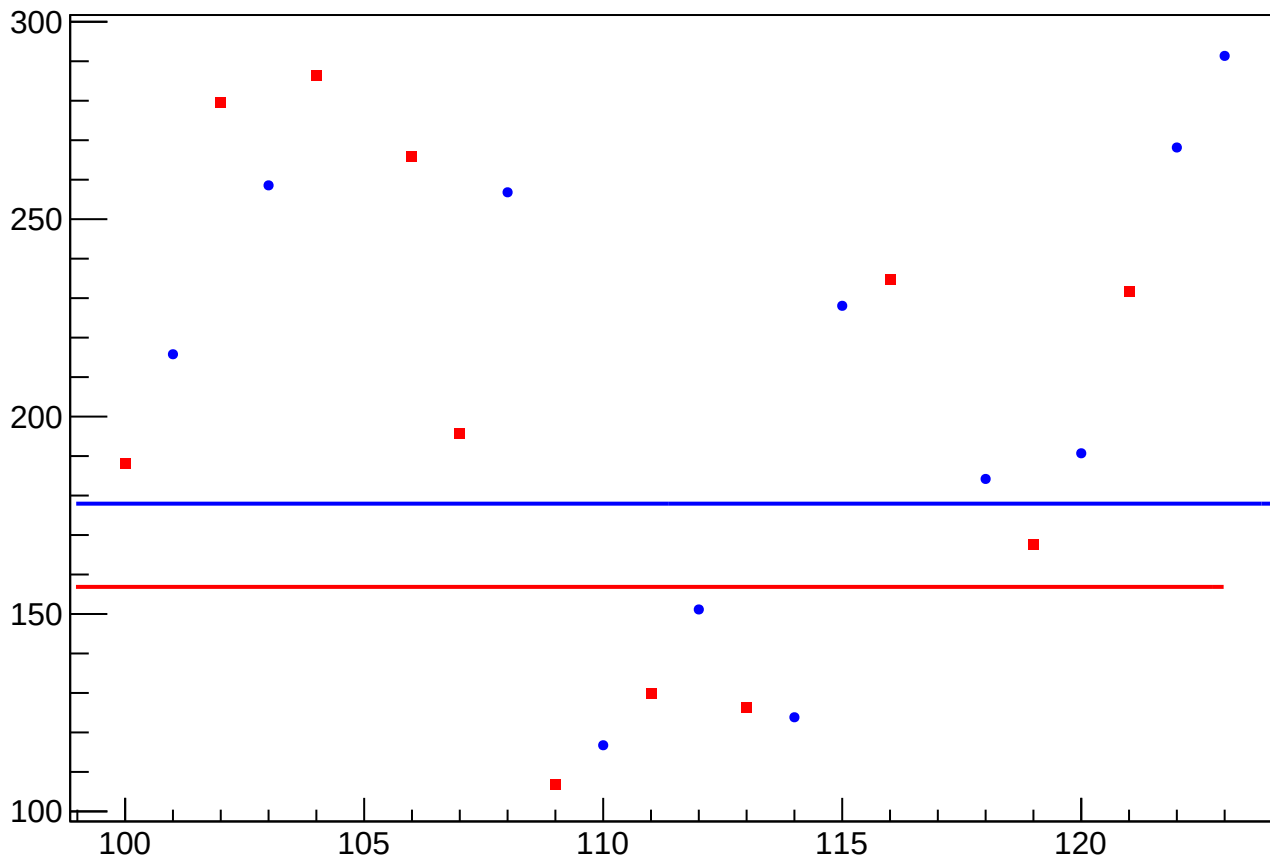
Right: 1700.918+/-60.213 χ^2/NDF : 9252.6/21

In: -65.063+/-92.500 χ^2/NDF : 4.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.918+/-60.213 χ^2/NDF : 9252.6/21

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 177.946+/-0.065 χ^2/NDF : 617471.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.866+/-0.056 χ^2/NDF : 1020060.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

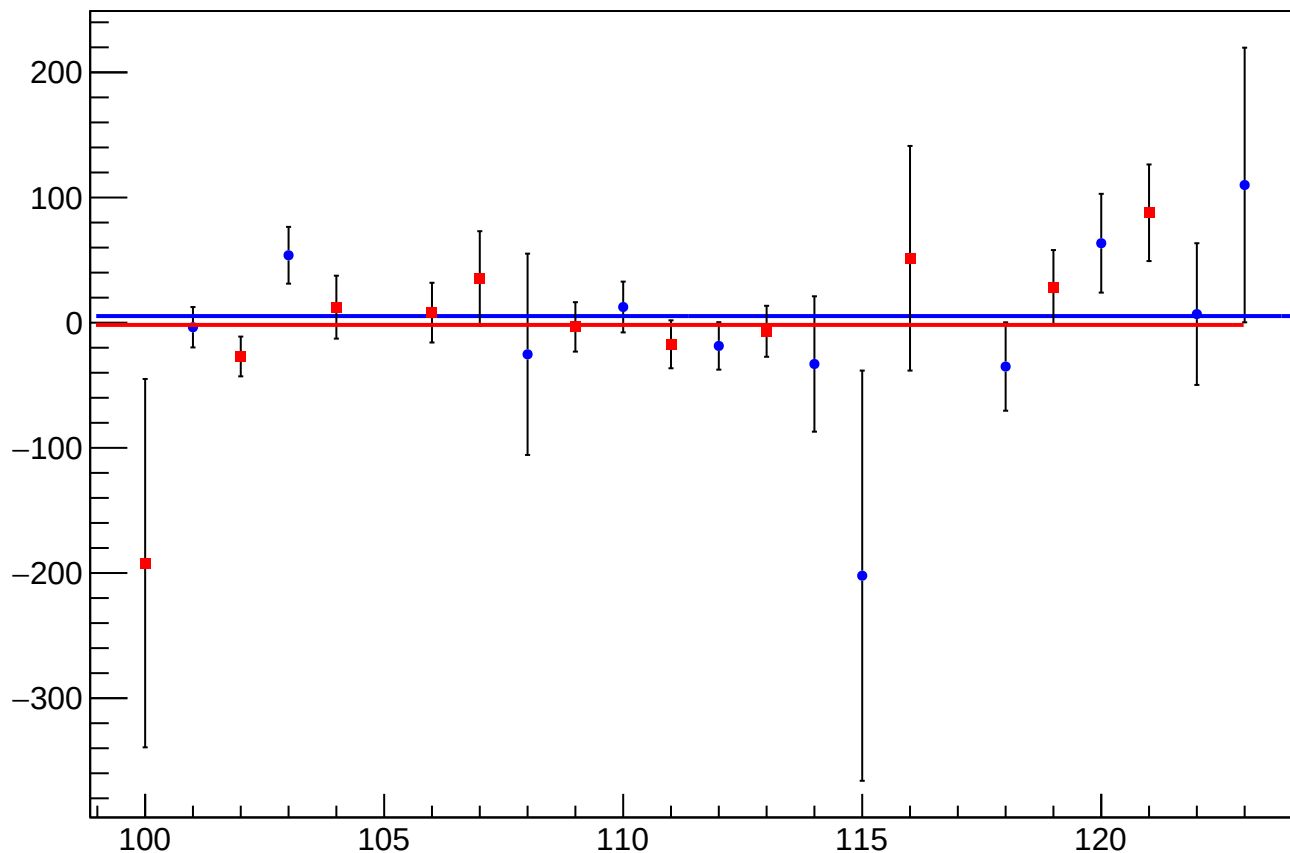
Right: 165.798+/-0.043 χ^2/NDF : 1697389.6/21

In: 177.946+/-0.065 χ^2/NDF : 617471.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.798+/-0.043 χ^2/NDF : 1697389.6/21

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.289+/-8.646 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.785+/-7.517 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

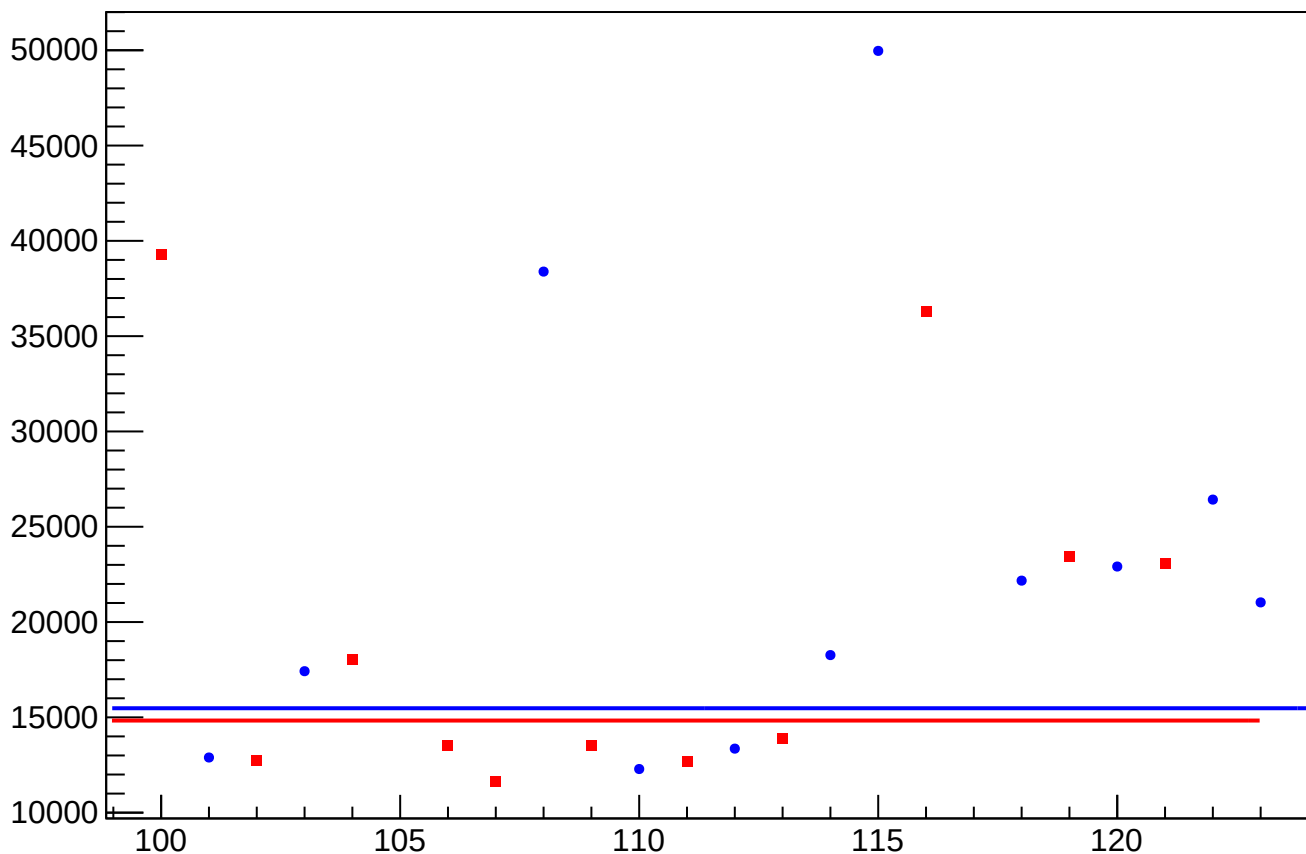
Right: 1.260+/-5.673 χ^2/NDF : 26.8/21

In: 5.289+/-8.646 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.260+/-5.673 χ^2/NDF : 26.8/21

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 15477.925+/-6.114 χ^2/NDF : 619558.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14832.266+/-5.315 χ^2/NDF : 555806.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

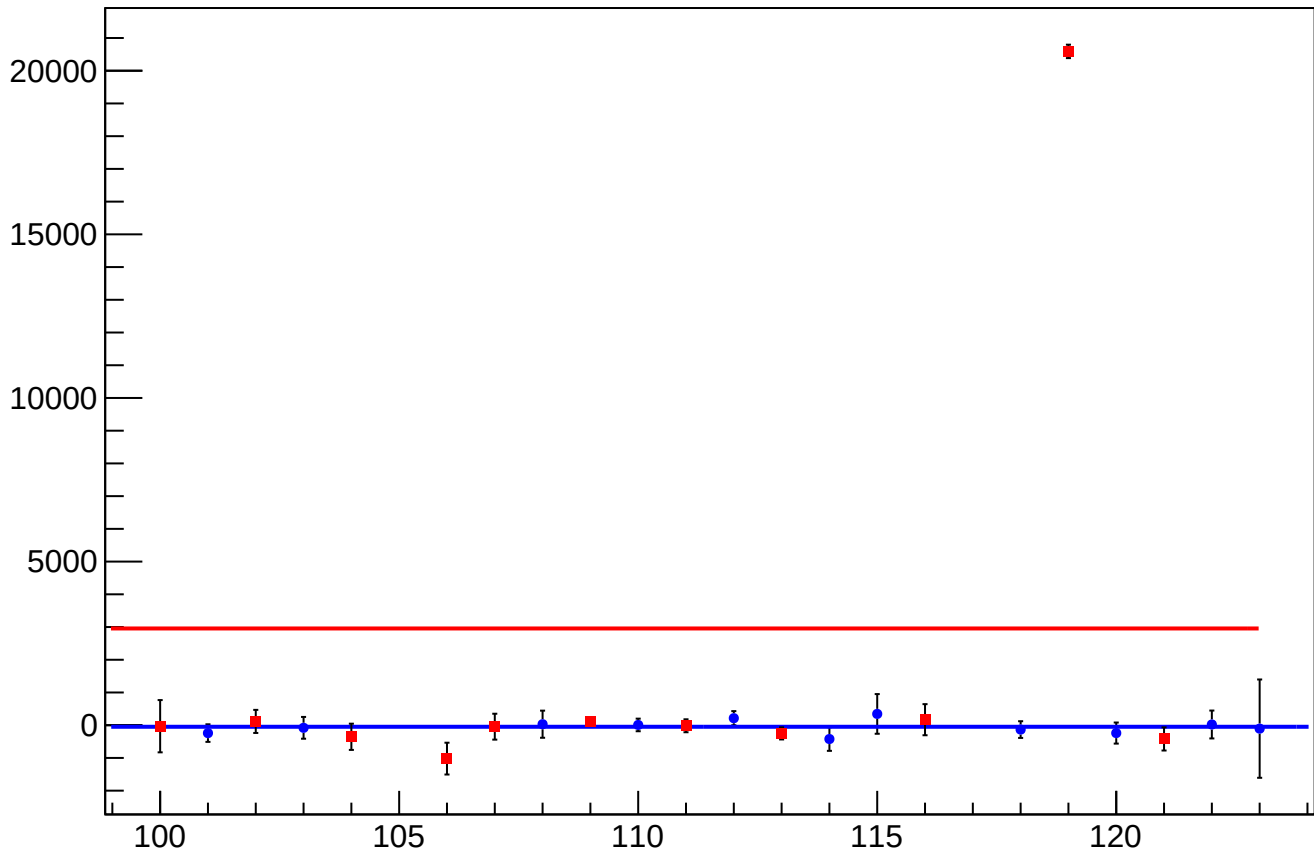
Right: 15110.200+/-4.011 χ^2/NDF : 1181717.1/21

In: 15477.925+/-6.114 χ^2/NDF : 619558.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15110.200+/-4.011 χ^2/NDF : 1181717.1/21

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -47.763 ± 91.850 χ^2/NDF : 4.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2956.135 ± 78.719 χ^2/NDF : 8650.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

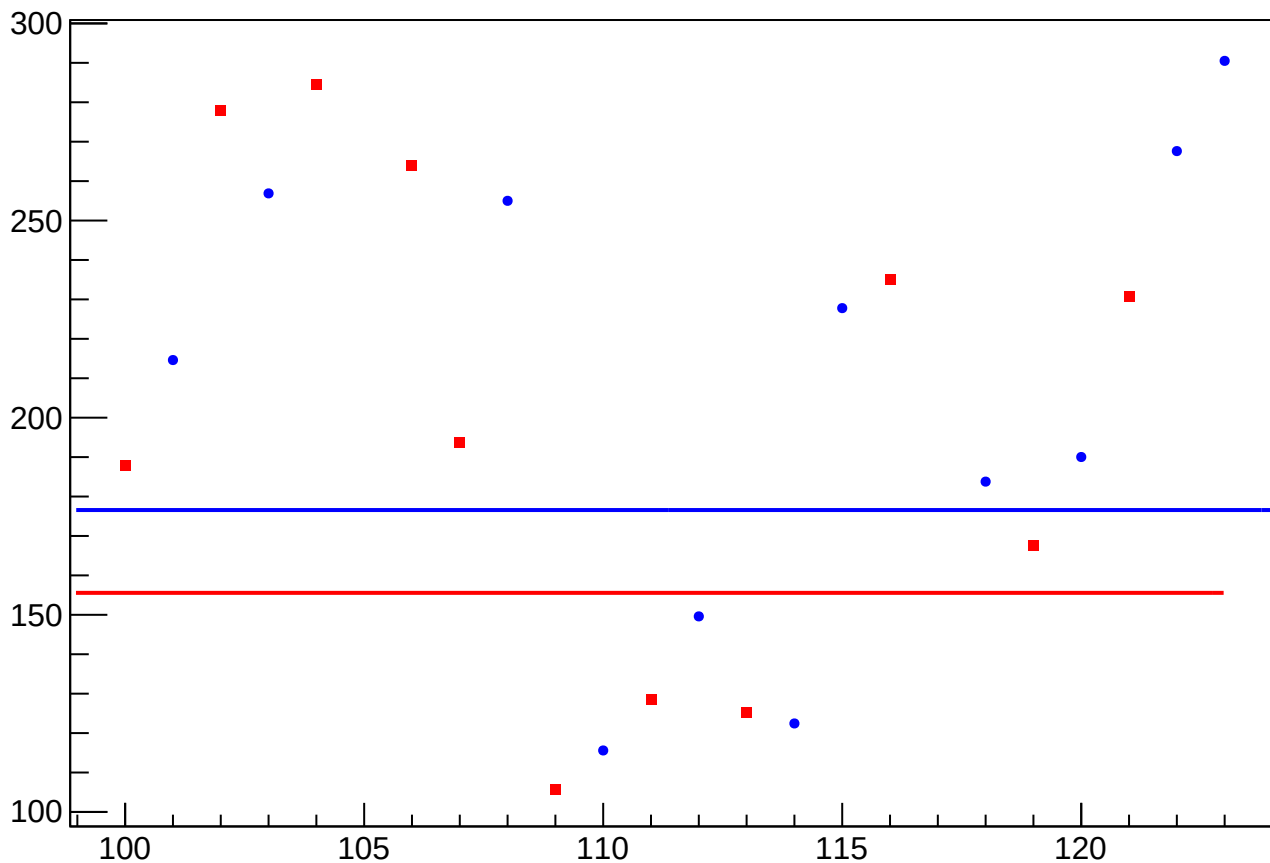
Right: 1684.064 ± 59.771 χ^2/NDF : 9270.8/21

In: -47.763 ± 91.850 χ^2/NDF : 4.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1684.064 ± 59.771 χ^2/NDF : 9270.8/21

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 176.574+/-0.065 χ^2/NDF : 627491.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.569+/-0.056 χ^2/NDF : 1031992.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

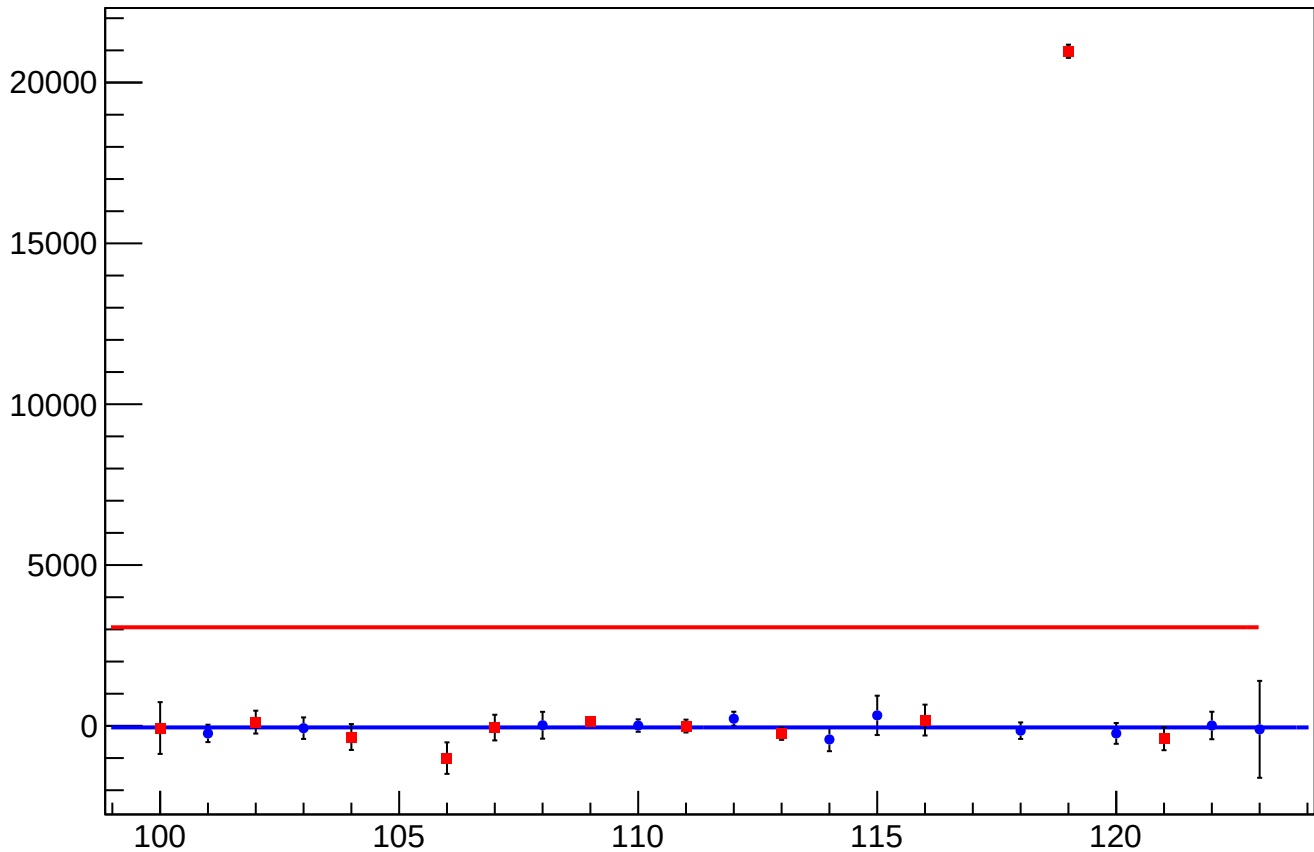
Right: 164.464+/-0.042 χ^2/NDF : 1719788.0/21

In: 176.574+/-0.065 χ^2/NDF : 627491.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.464+/-0.042 χ^2/NDF : 1719788.0/21

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -47.333+/-92.459 χ^2/NDF : 4.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3065.519+/-79.222 χ^2/NDF : 8965.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

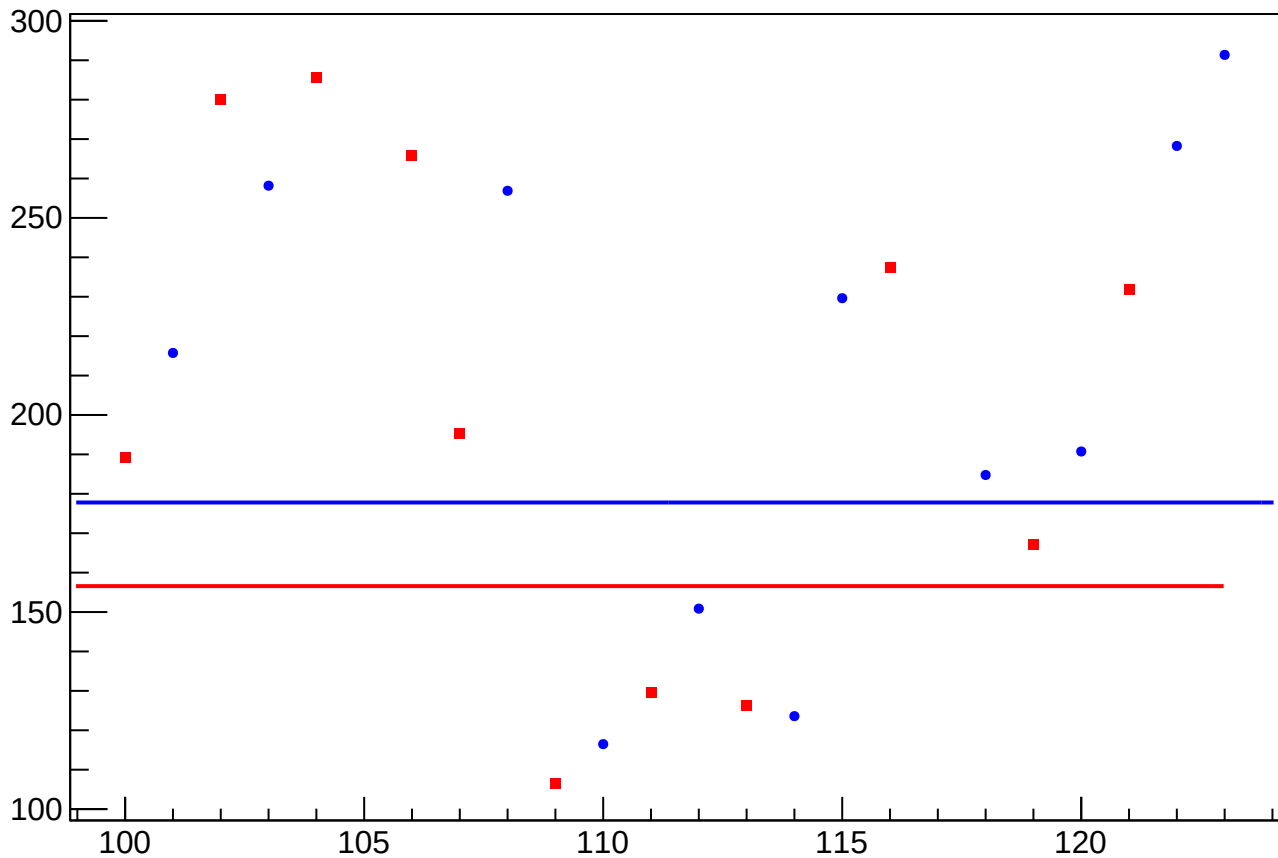
Right: 1747.688+/-60.159 χ^2/NDF : 9622.8/21

In: -47.333+/-92.459 χ^2/NDF : 4.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1747.688+/-60.159 χ^2/NDF : 9622.8/21

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 177.798+/-0.065 χ^2/NDF : 621759.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.574+/-0.056 χ^2/NDF : 1026919.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

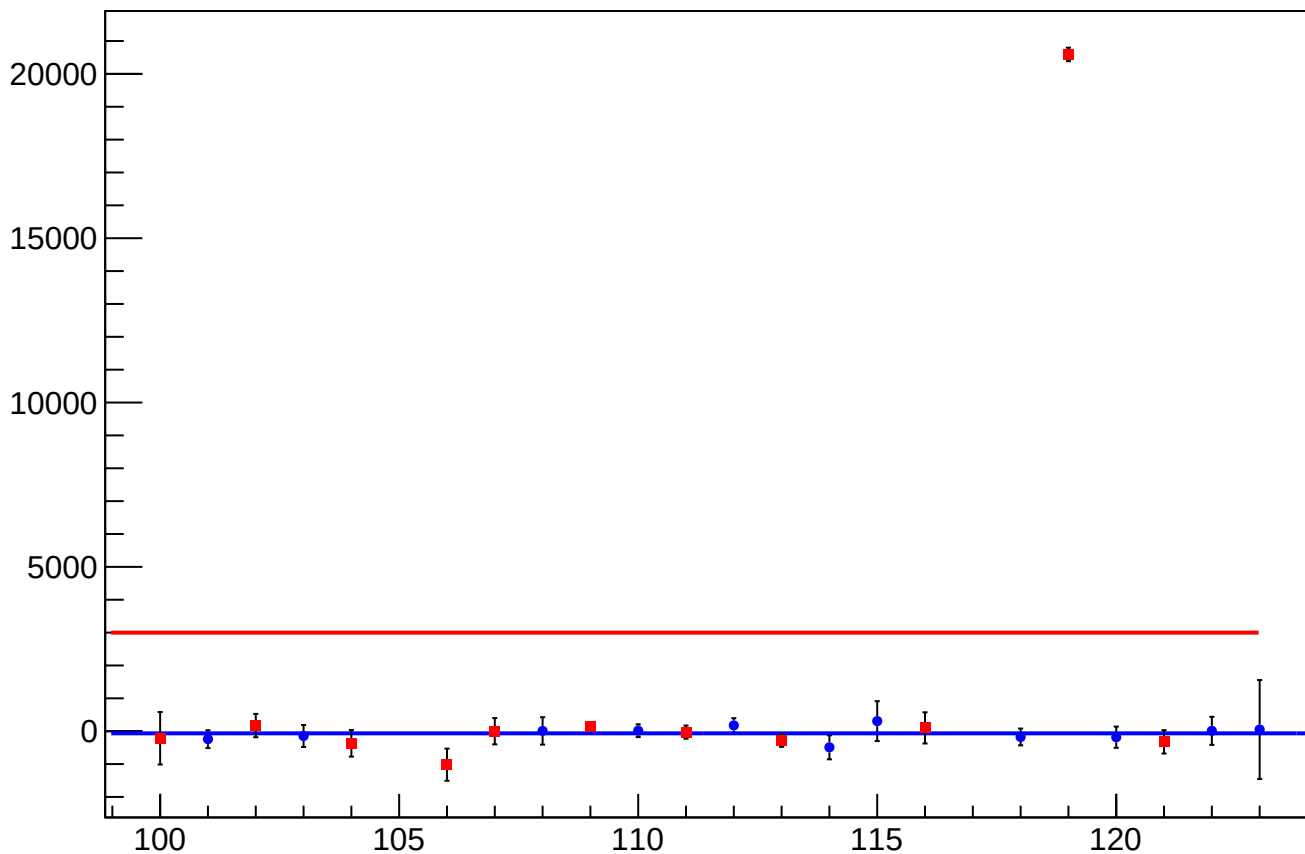
Right: 165.559+/-0.043 χ^2/NDF : 1709452.9/21

In: 177.798+/-0.065 χ^2/NDF : 621759.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.559+/-0.043 χ^2/NDF : 1709452.9/21

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -65.063 ± 92.500 χ^2/NDF : 4.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2999.503 ± 79.320 χ^2/NDF : 8616.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

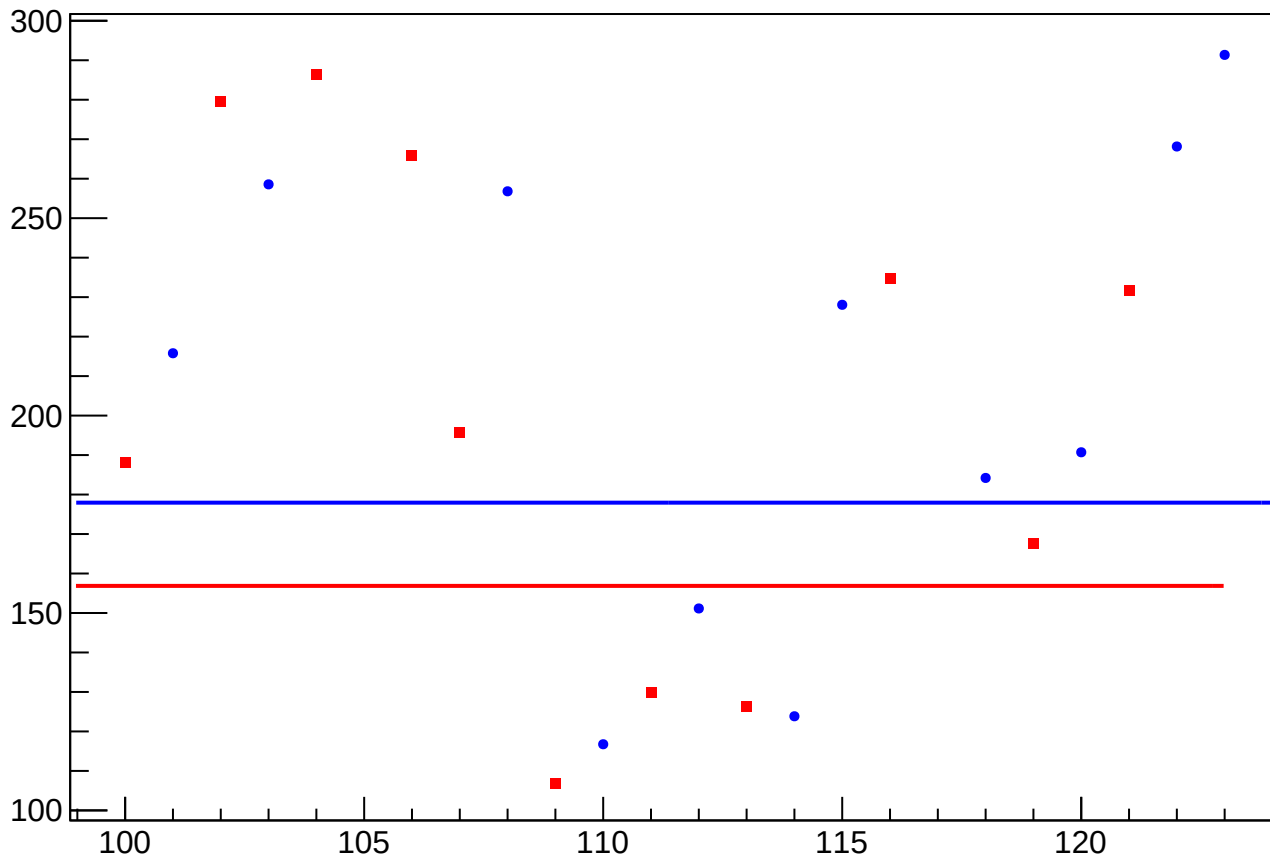
Right: 1700.918 ± 60.213 χ^2/NDF : 9252.6/21

In: -65.063 ± 92.500 χ^2/NDF : 4.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1700.918 ± 60.213 χ^2/NDF : 9252.6/21

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 177.946+/-0.065 χ^2/NDF : 617471.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.866+/-0.056 χ^2/NDF : 1020060.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

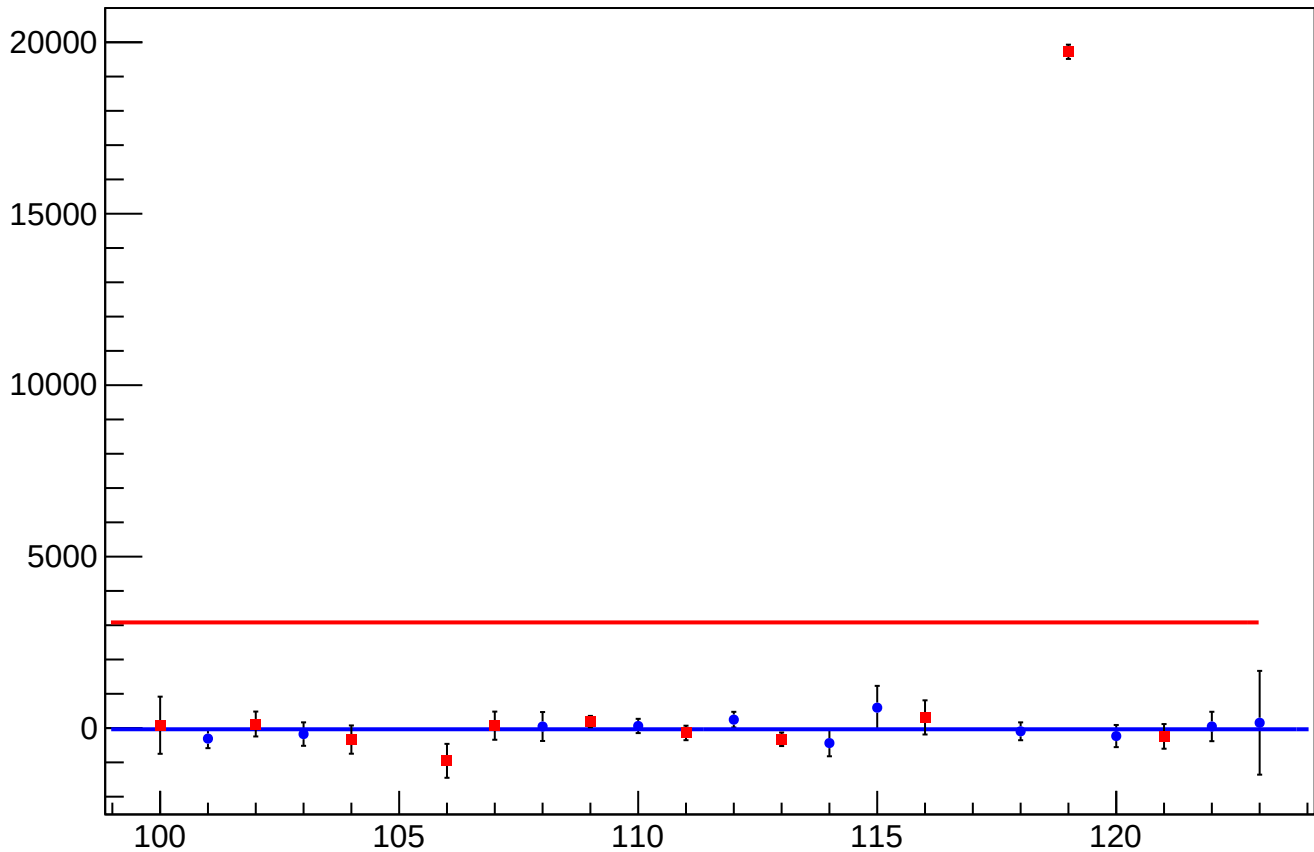
Right: 165.798+/-0.043 χ^2/NDF : 1697389.6/21

In: 177.946+/-0.065 χ^2/NDF : 617471.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.798+/-0.043 χ^2/NDF : 1697389.6/21

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -34.345 ± 95.841 χ^2/NDF : 5.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3081.411 ± 83.120 χ^2/NDF : 7620.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

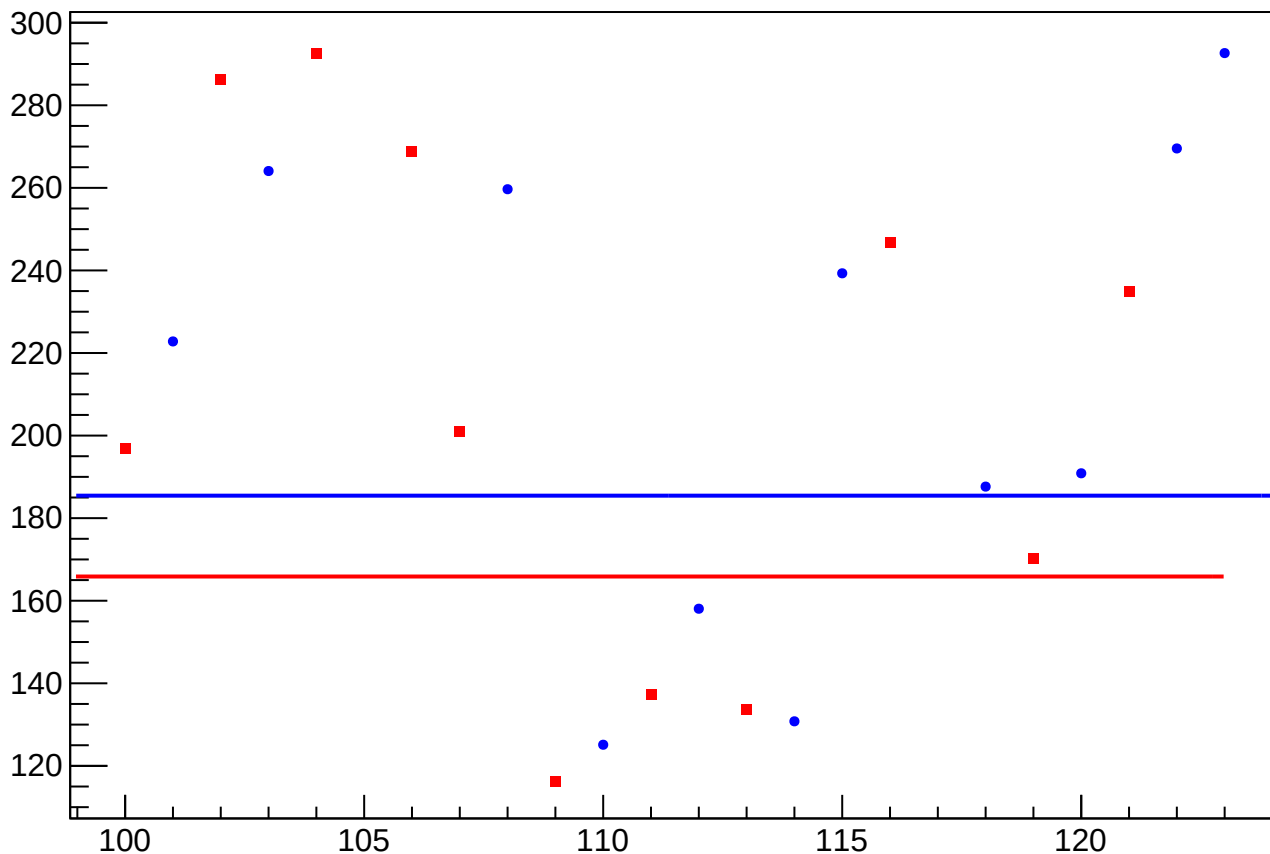
Right: 1743.908 ± 62.794 χ^2/NDF : 8228.7/21

In: -34.345 ± 95.841 χ^2/NDF : 5.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1743.908 ± 62.794 χ^2/NDF : 8228.7/21

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 185.449+/-0.068 χ^2/NDF : 543167.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.866+/-0.059 χ^2/NDF : 911024.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

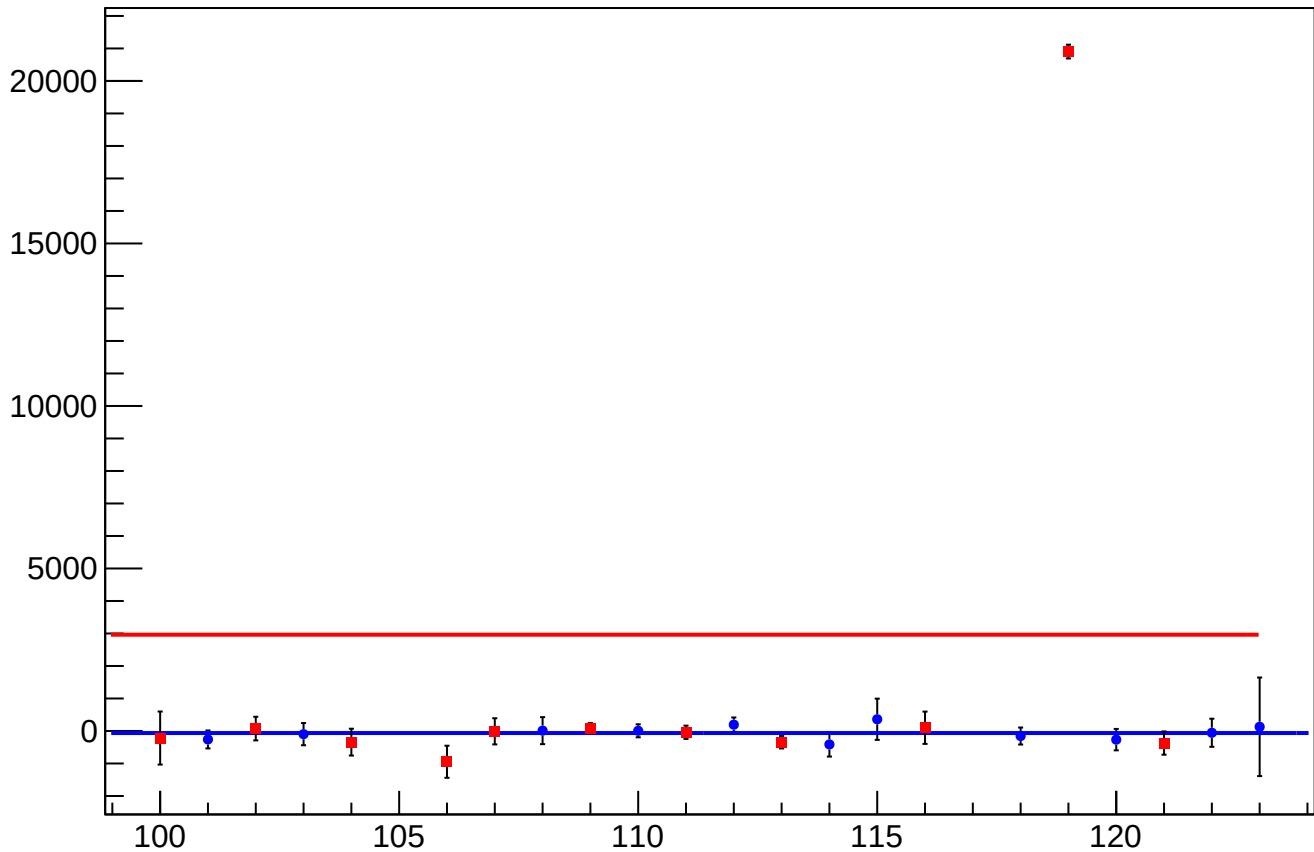
Right: 174.272+/-0.044 χ^2/NDF : 1501843.8/21

In: 185.449+/-0.068 χ^2/NDF : 543167.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.272+/-0.044 χ^2/NDF : 1501843.8/21

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -62.760 ± 94.430 χ^2/NDF : 3.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2962.551 ± 81.278 χ^2/NDF : 8374.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

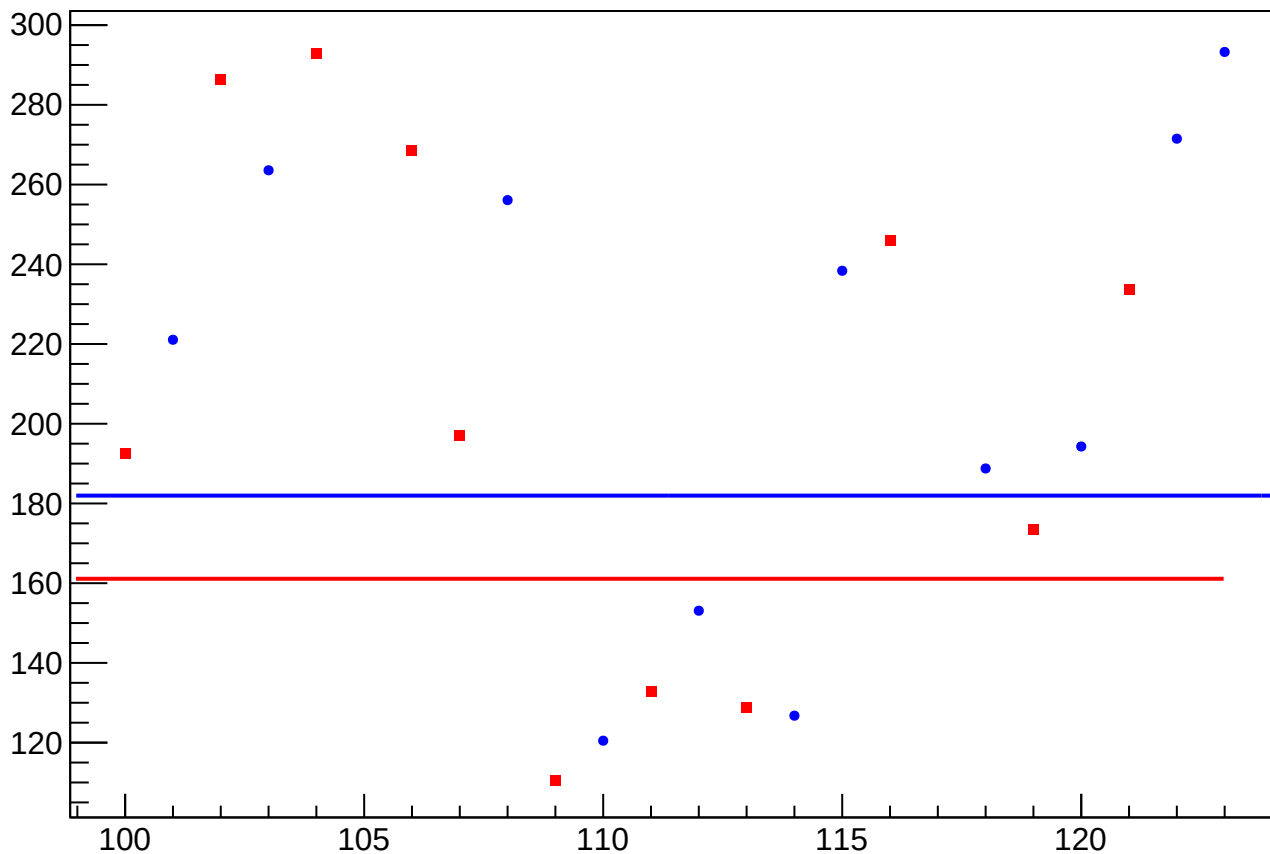
Right: 1675.091 ± 61.602 χ^2/NDF : 8967.7/21

In: -62.760 ± 94.430 χ^2/NDF : 3.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1675.091 ± 61.602 χ^2/NDF : 8967.7/21

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 181.967+/-0.067 χ^2/NDF : 600805.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 161.106+/-0.057 χ^2/NDF : 1004906.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

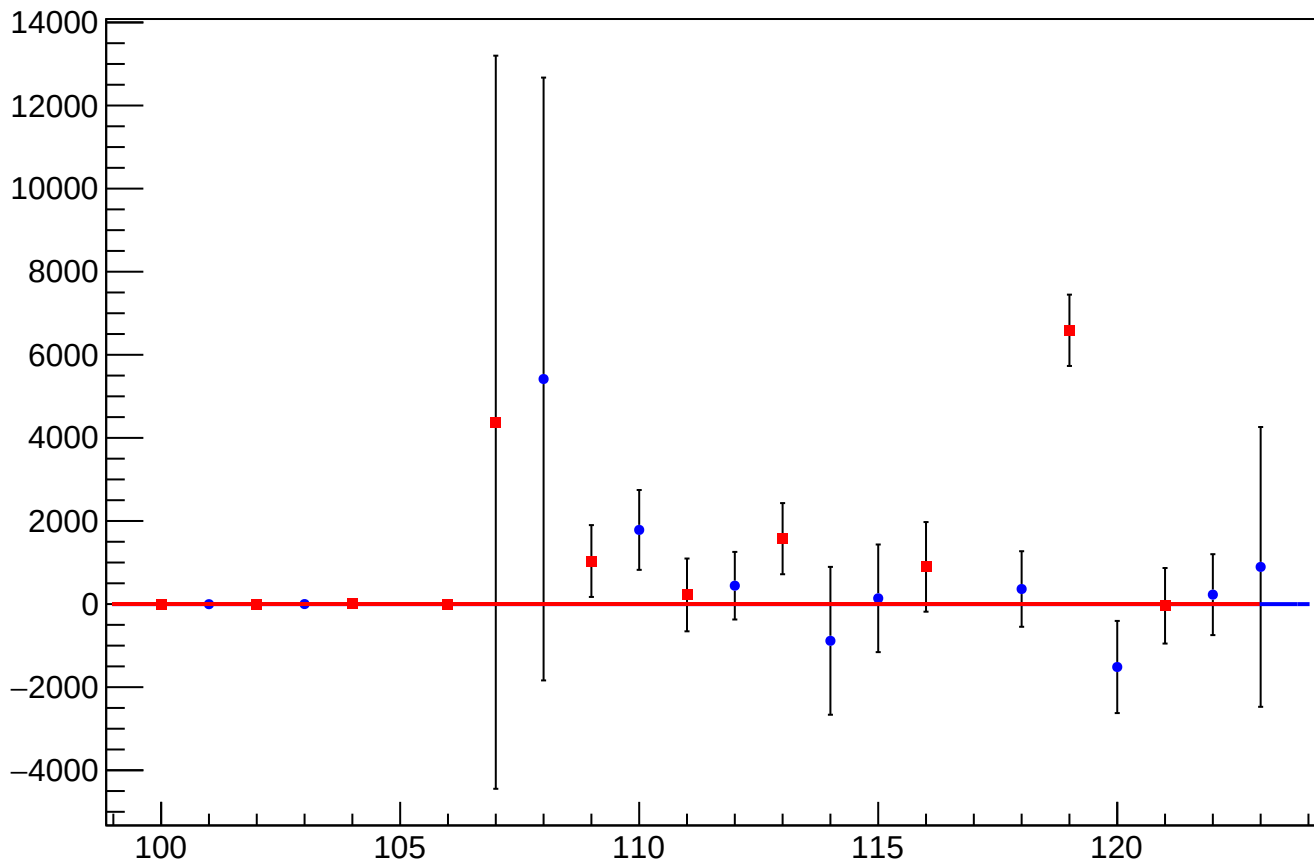
Right: 169.983+/-0.044 χ^2/NDF : 1661782.1/21

In: 181.967+/-0.067 χ^2/NDF :600805.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.983+/-0.044 χ^2/NDF : 1661782.1/21

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.209+/-2.171 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.418+/-2.022 χ^2/NDF : 69.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

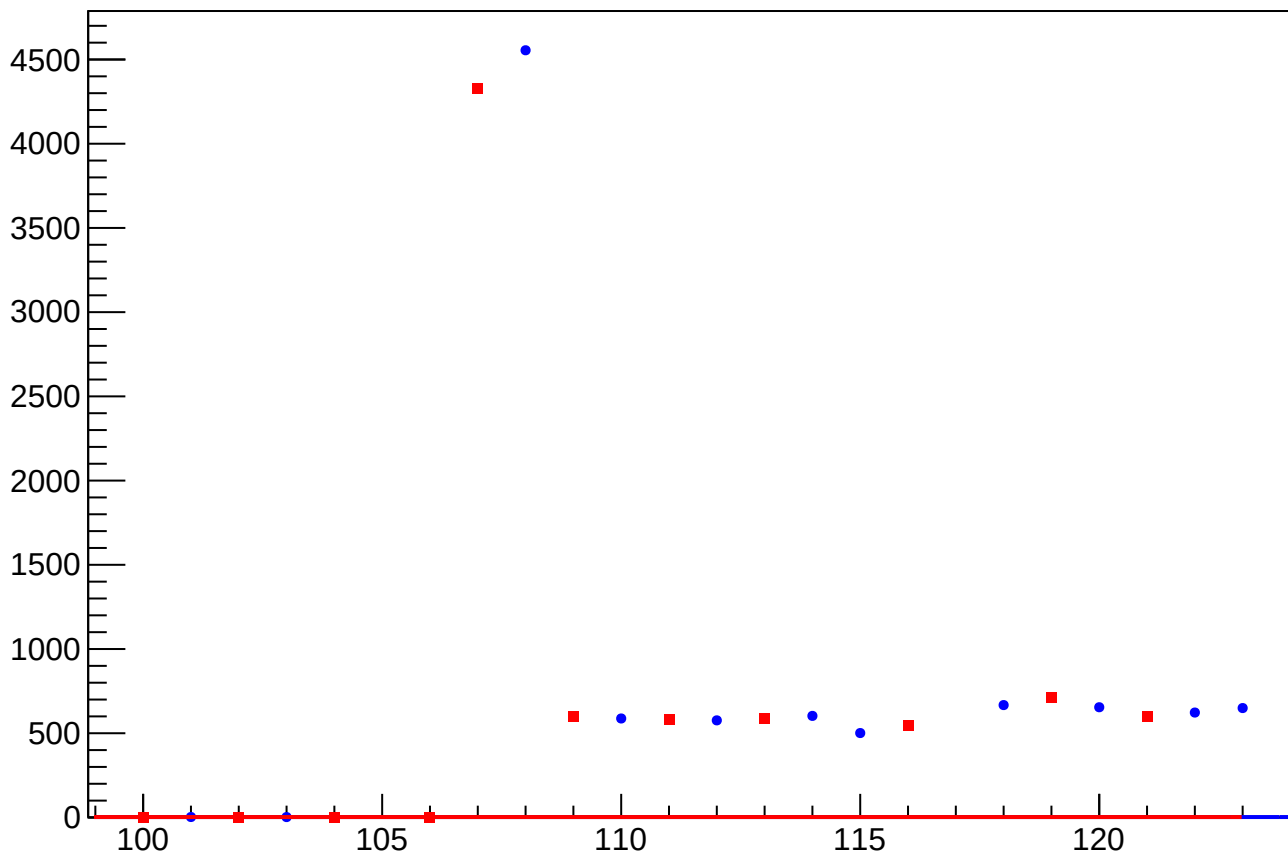
Right: 0.197+/-1.480 χ^2/NDF : 77.8/21

In: -1.209+/-2.171 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.197+/-1.480 χ^2/NDF : 77.8/21

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.449+/-0.002 χ^2/NDF : 5709180.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.441+/-0.001 χ^2/NDF : 6000364.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

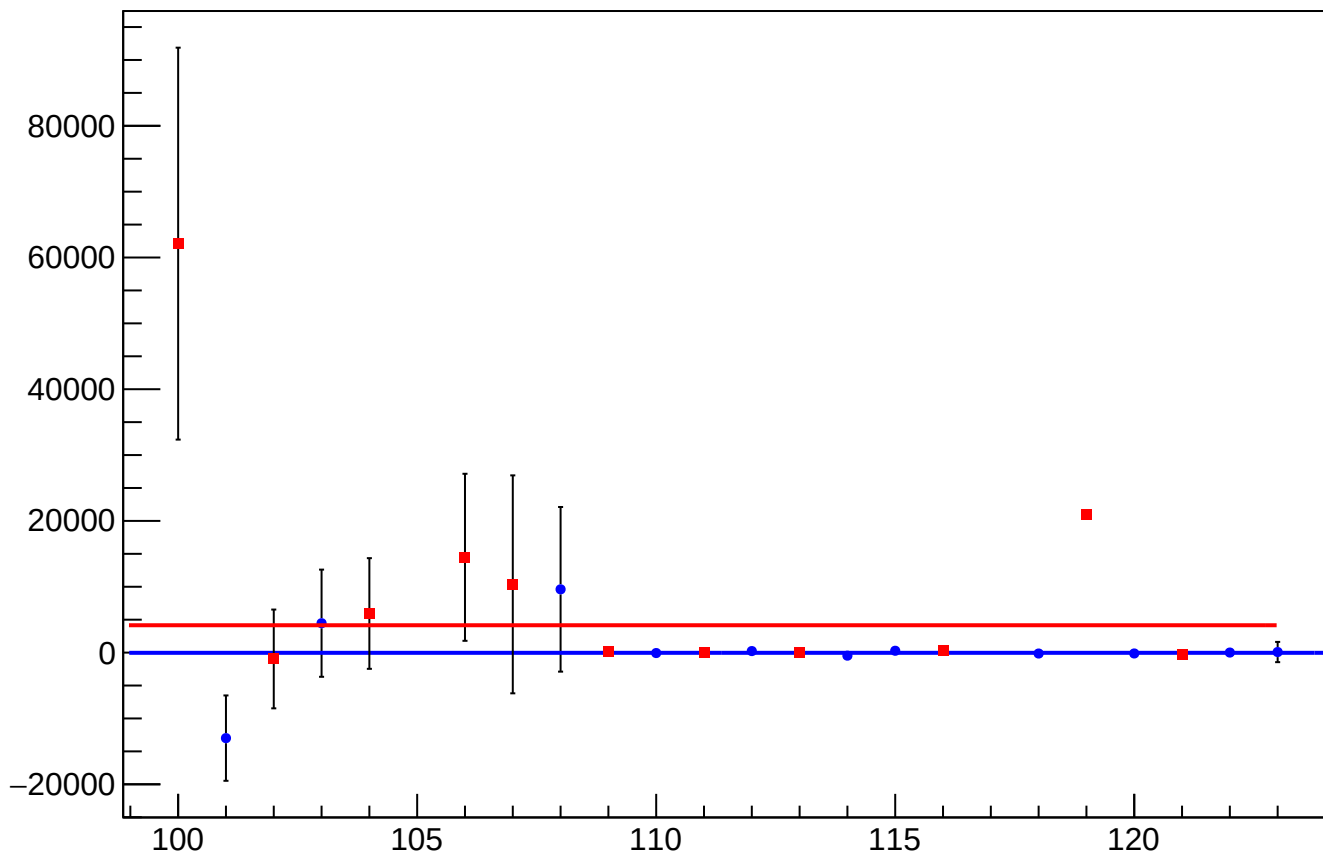
Right: 2.445+/-0.001 χ^2/NDF : 11709558.3/21

In: 2.449+/-0.002 χ^2/NDF : 5709180.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.445+/-0.001 χ^2/NDF : 11709558.3/21

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -32.147 ± 111.470 χ^2/NDF : 8.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4155.213 ± 99.616 χ^2/NDF : 6962.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

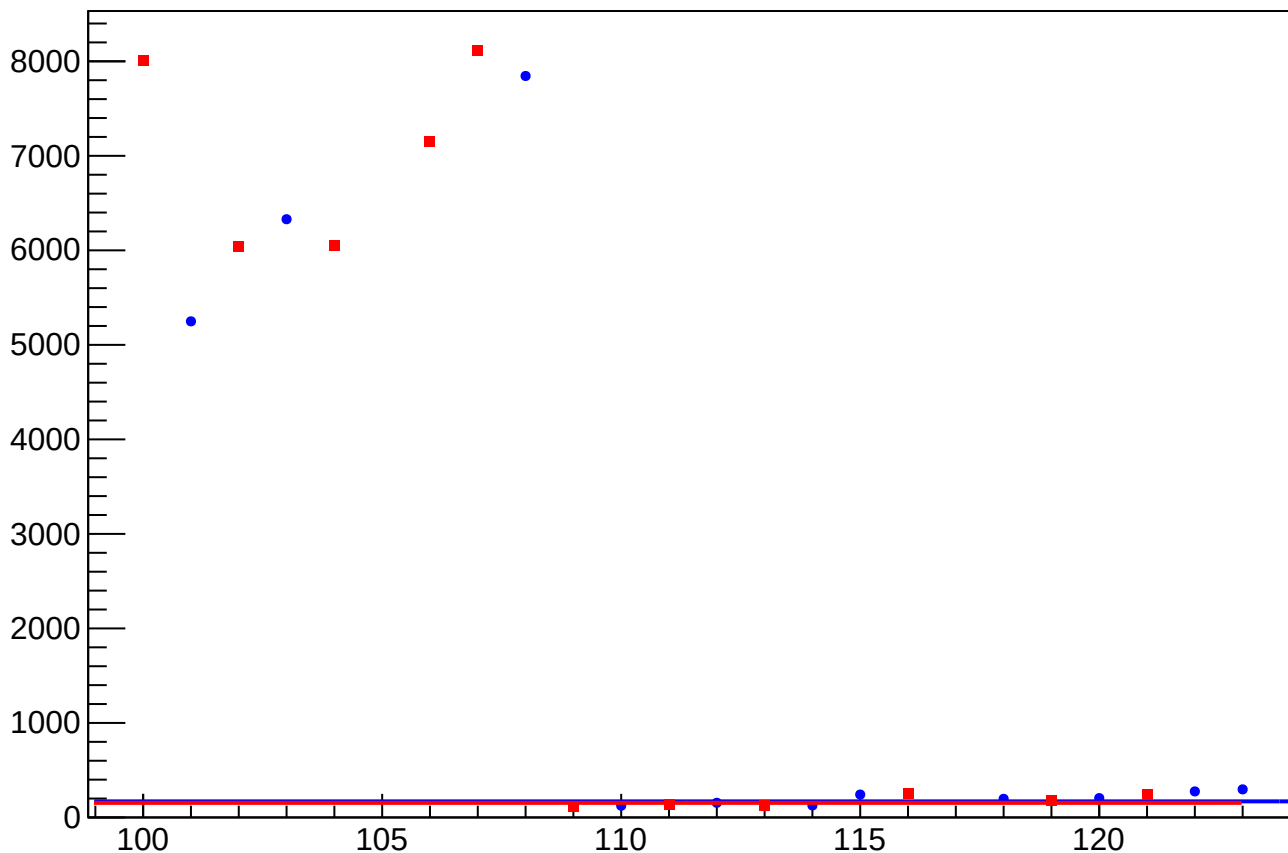
Right: 2295.945 ± 74.278 χ^2/NDF : 7755.6/21

In: -32.147 ± 111.470 χ^2/NDF : 8.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2295.945 ± 74.278 χ^2/NDF : 7755.6/21

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 170.268+/-0.079 χ^2/NDF : 3453838.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.430+/-0.070 χ^2/NDF : 3744354.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

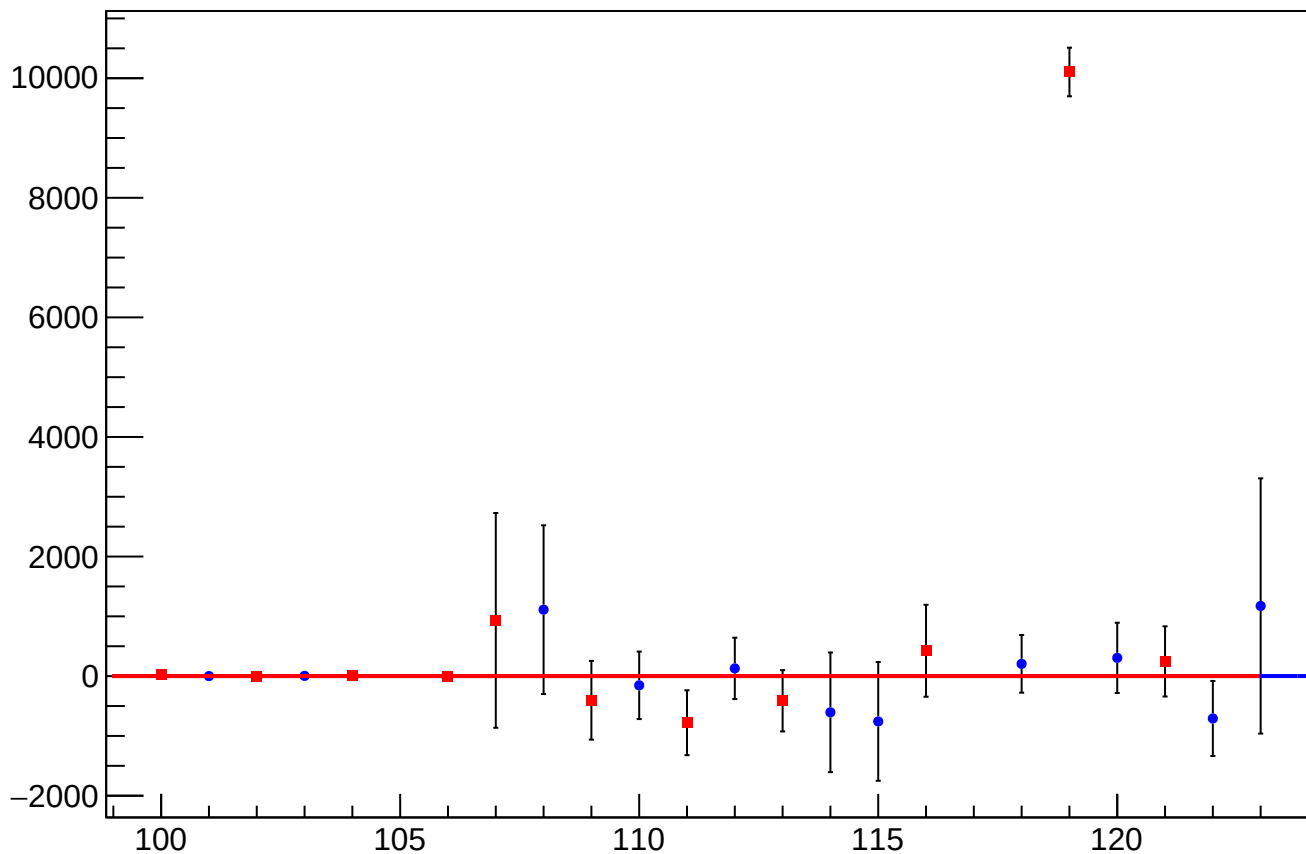
Right: 161.463+/-0.053 χ^2/NDF : 7220640.8/21

In: 170.268+/-0.079 χ^2/NDF :3453838.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 161.463+/-0.053 χ^2/NDF : 7220640.8/21

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.442 $\pm$ 1.660 χ^2 /NDF: 4.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.248 $\pm$ 1.528 χ^2 /NDF: 623.6/10

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

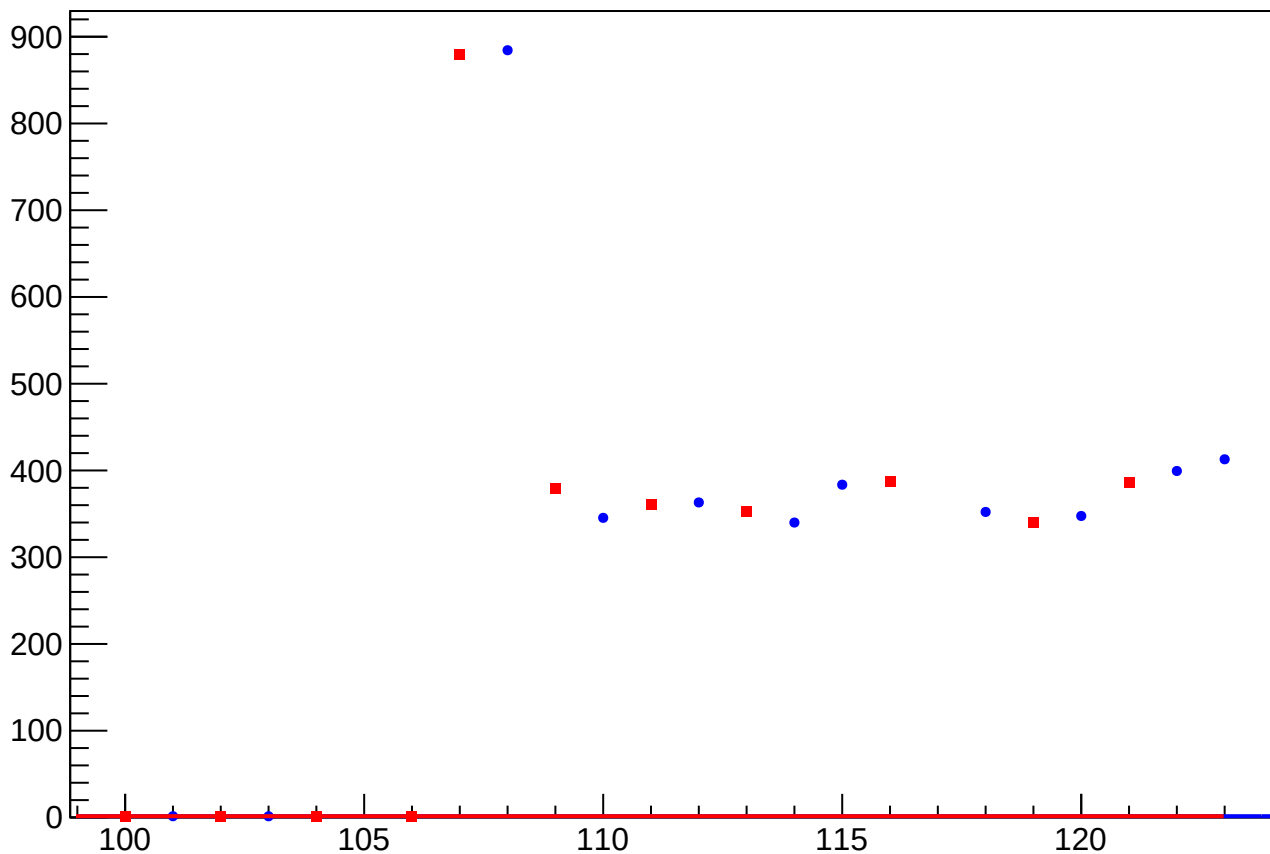
Right: 1.337 $\pm$ 1.124 χ^2 /NDF: 627.8/21

In: 1.442 $\pm$ 1.660 χ^2 /NDF:4.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.337 $\pm$ 1.124 χ^2 /NDF: 627.8/21

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.449+/-0.001 χ^2/NDF : 5676750.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.451+/-0.001 χ^2/NDF : 5694963.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

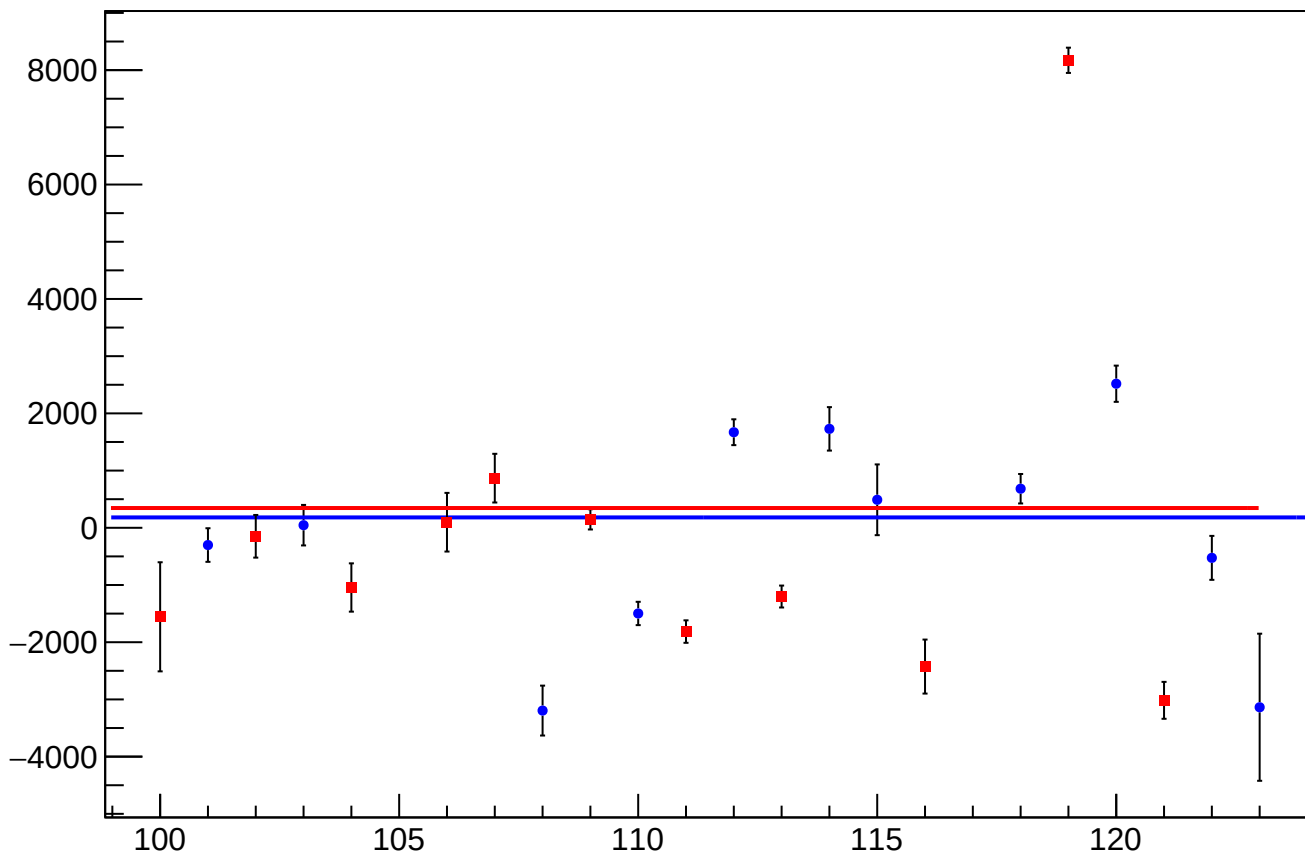
Right: 1.450+/-0.001 χ^2/NDF : 11371715.4/21

In: 1.449+/-0.001 χ^2/NDF : 5676750.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.450+/-0.001 χ^2/NDF : 11371715.4/21

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 181.399+/-95.124 χ^2/NDF : 259.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 345.655+/-83.633 χ^2/NDF : 1605.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

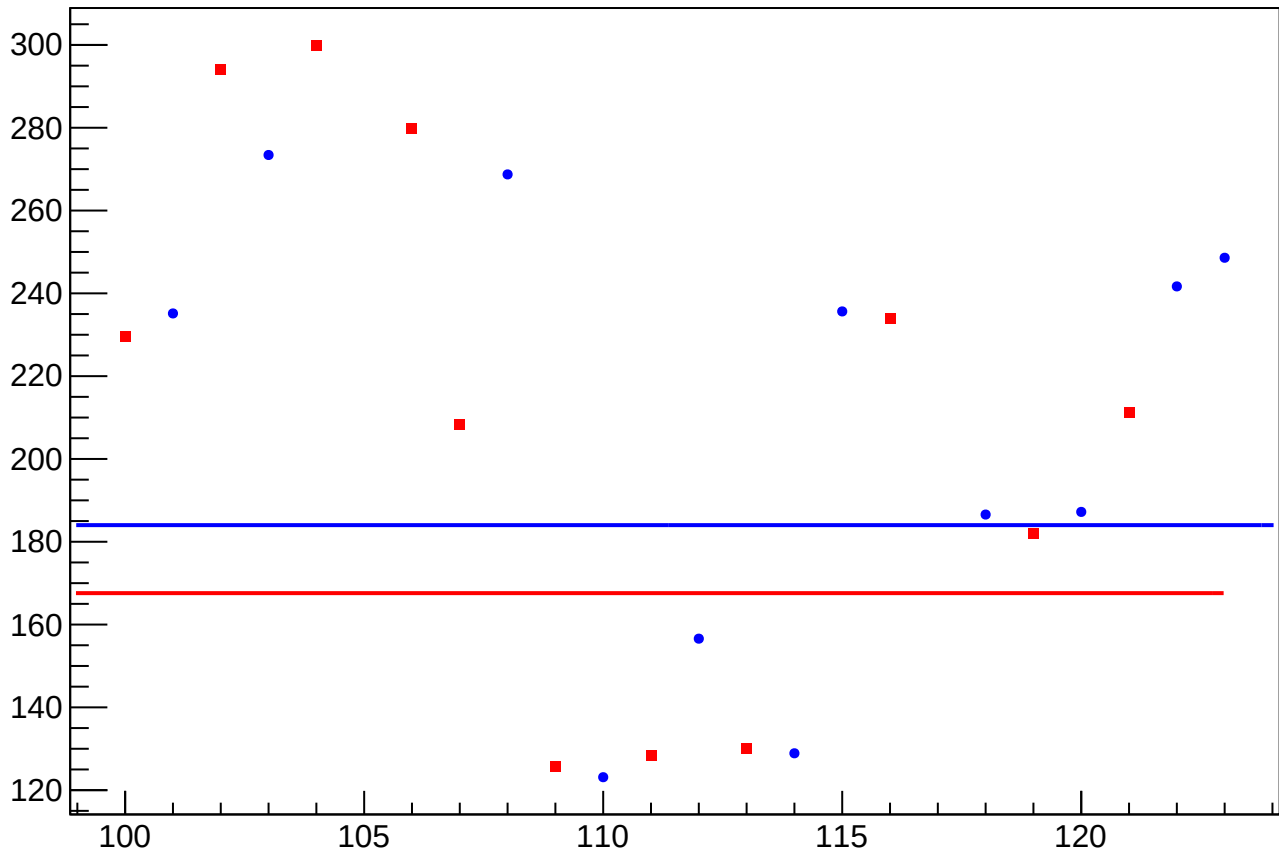
Right: 274.043+/-62.809 χ^2/NDF : 1866.7/21

In: 181.399+/-95.124 χ^2/NDF : 259.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.043+/-62.809 χ^2/NDF : 1866.7/21

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 184.016+/-0.067 χ^2/NDF : 578143.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.590+/-0.059 χ^2/NDF : 903157.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

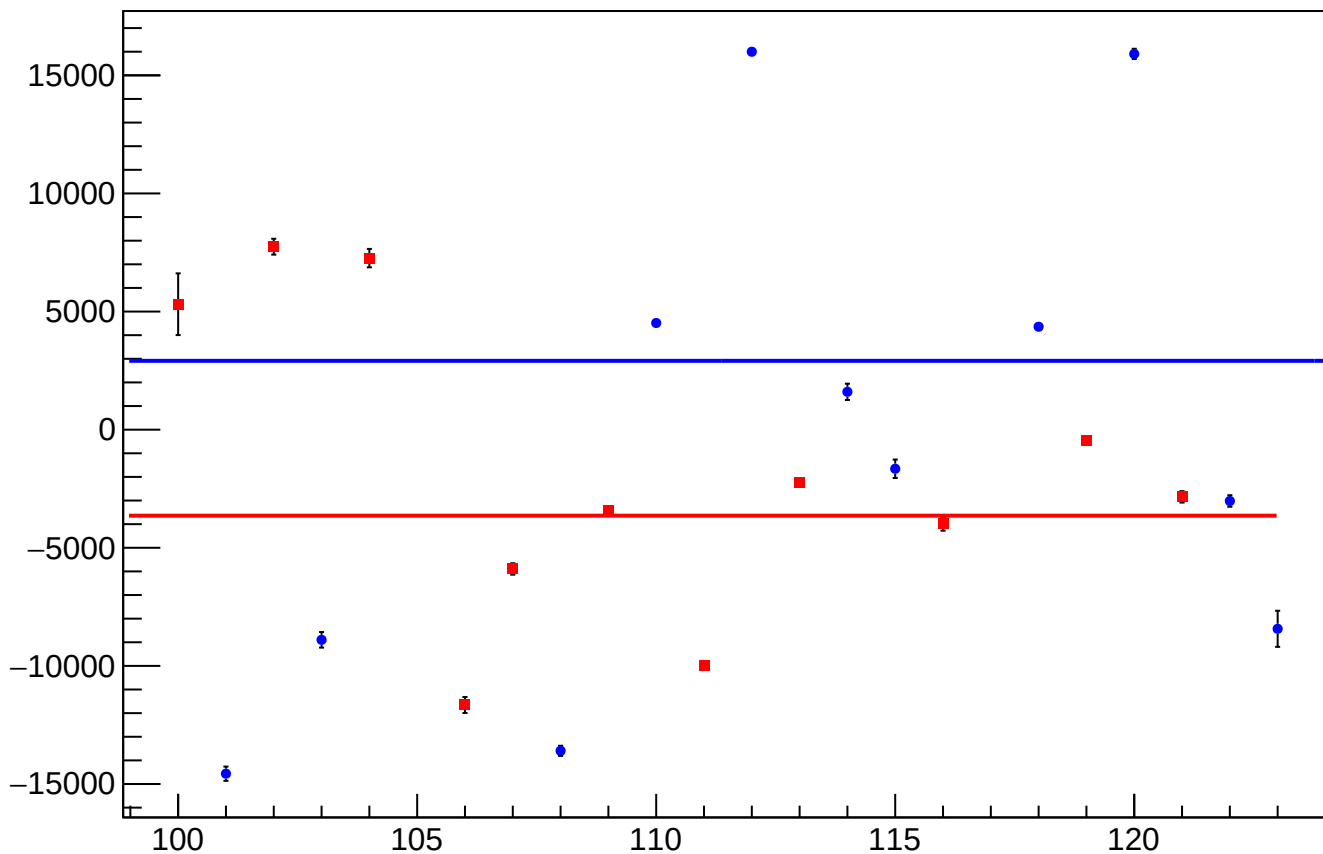
Right: 174.752+/-0.044 χ^2/NDF : 1514939.6/21

In: 184.016+/-0.067 χ^2/NDF : 578143.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.752+/-0.044 χ^2/NDF : 1514939.6/21

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2914.267+/-70.882 χ^2/NDF : 20997.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3641.035+/-66.361 χ^2/NDF : 4749.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

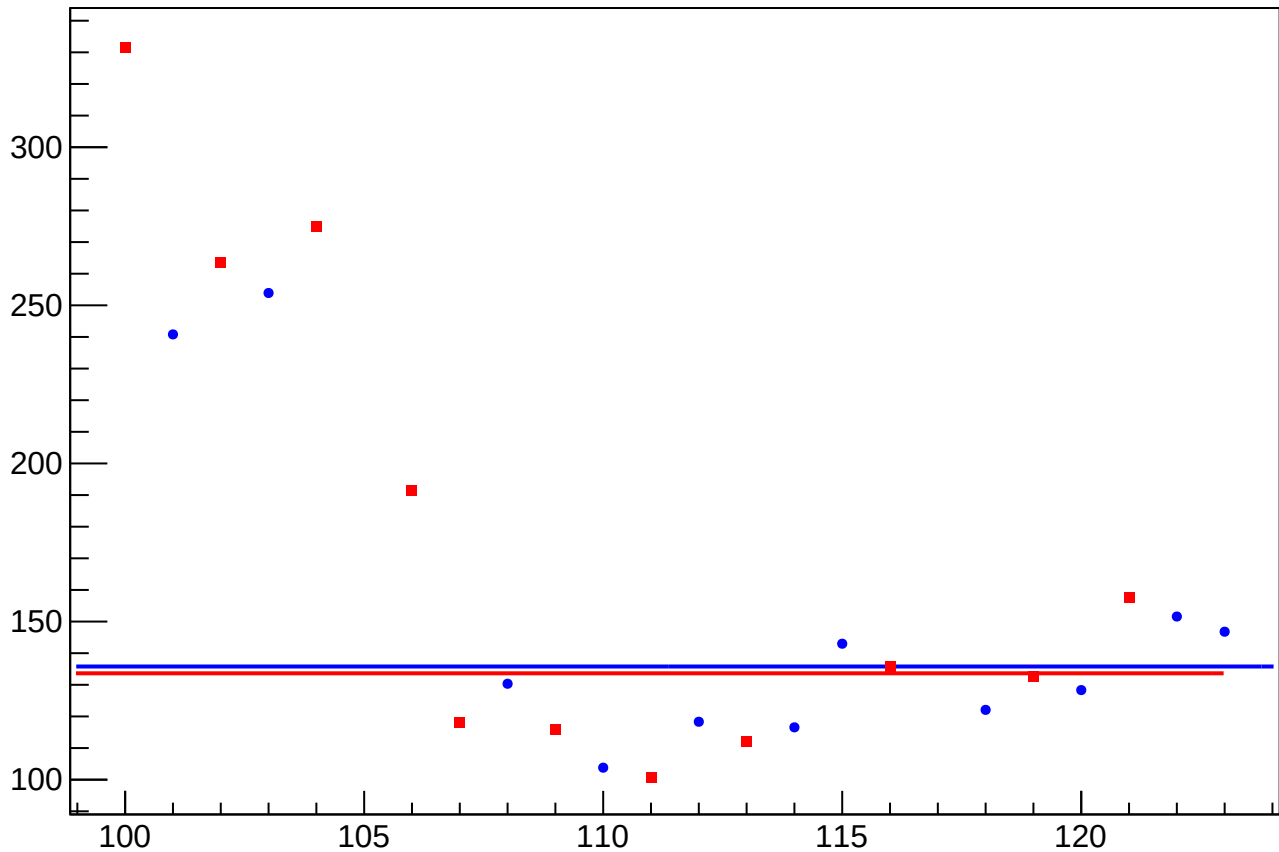
Right: -579.085+/-48.444 χ^2/NDF : 30304.6/21

In: 2914.267+/-70.882 χ^2/NDF : 20997.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -579.085+/-48.444 χ^2/NDF : 30304.6/21

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.791+/-0.050 χ^2/NDF : 621724.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.639+/-0.047 χ^2/NDF : 842533.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

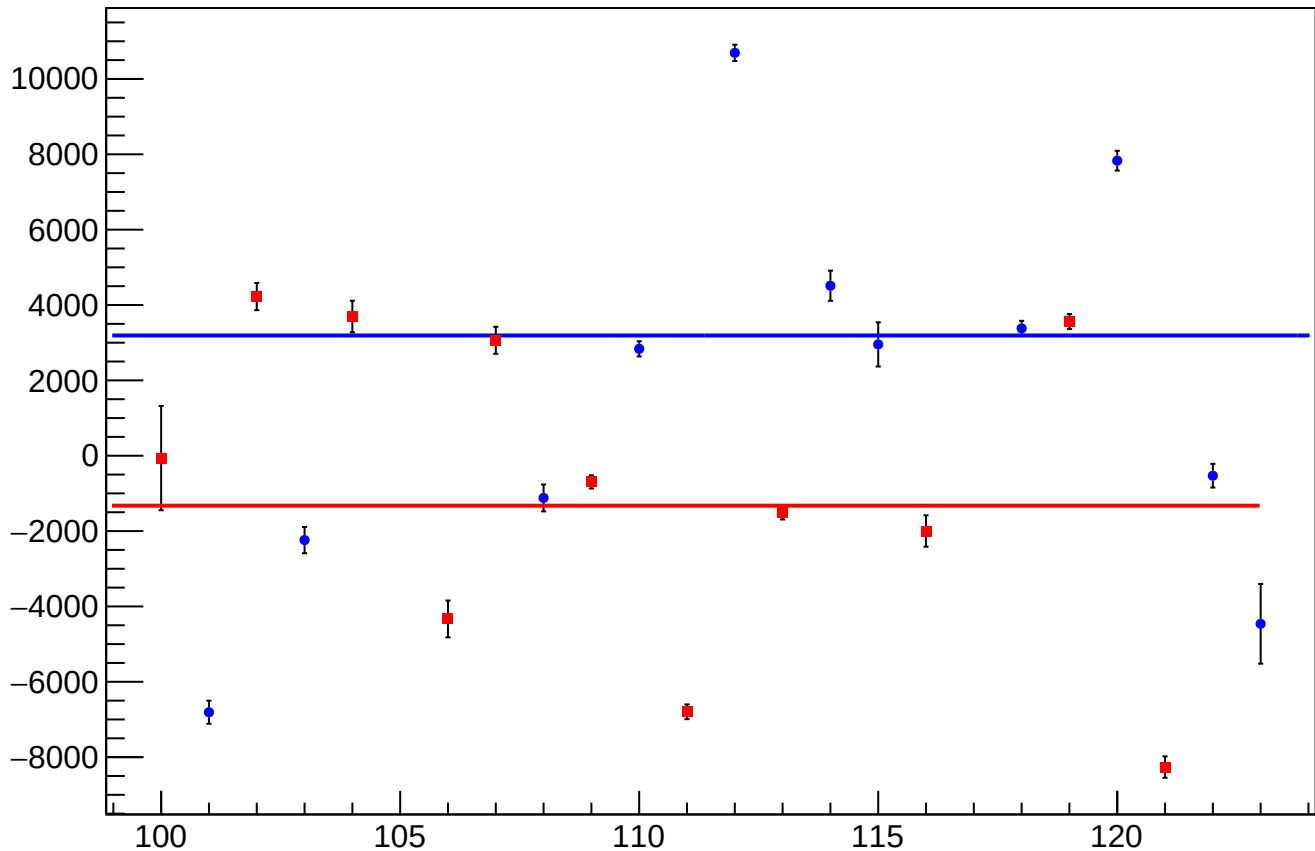
Right: 134.644+/-0.034 χ^2/NDF : 1465239.7/21

In: 135.791+/-0.050 χ^2/NDF : 621724.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.644+/-0.034 χ^2/NDF : 1465239.7/21

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3191.375+/-86.957 χ^2 /NDF: 3165.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1325.699+/-79.808 χ^2 /NDF: 2559.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

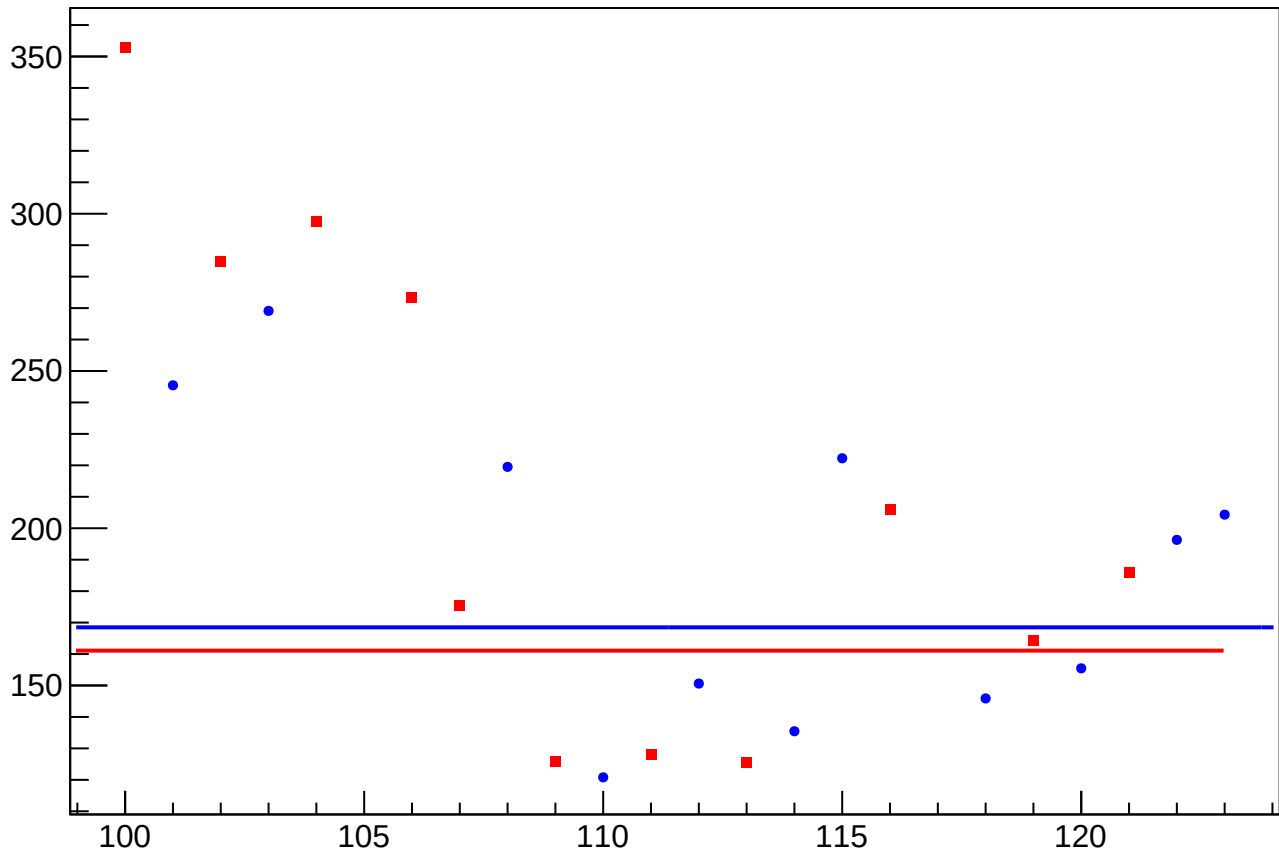
Right: 739.565+/-58.798 χ^2 /NDF: 7189.6/21

In: 3191.375+/-86.957 χ^2 /NDF:3165.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 739.565+/-58.798 χ^2 /NDF: 7189.6/21

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.491+/-0.061 χ^2/NDF : 539078.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.082+/-0.056 χ^2/NDF : 844428.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

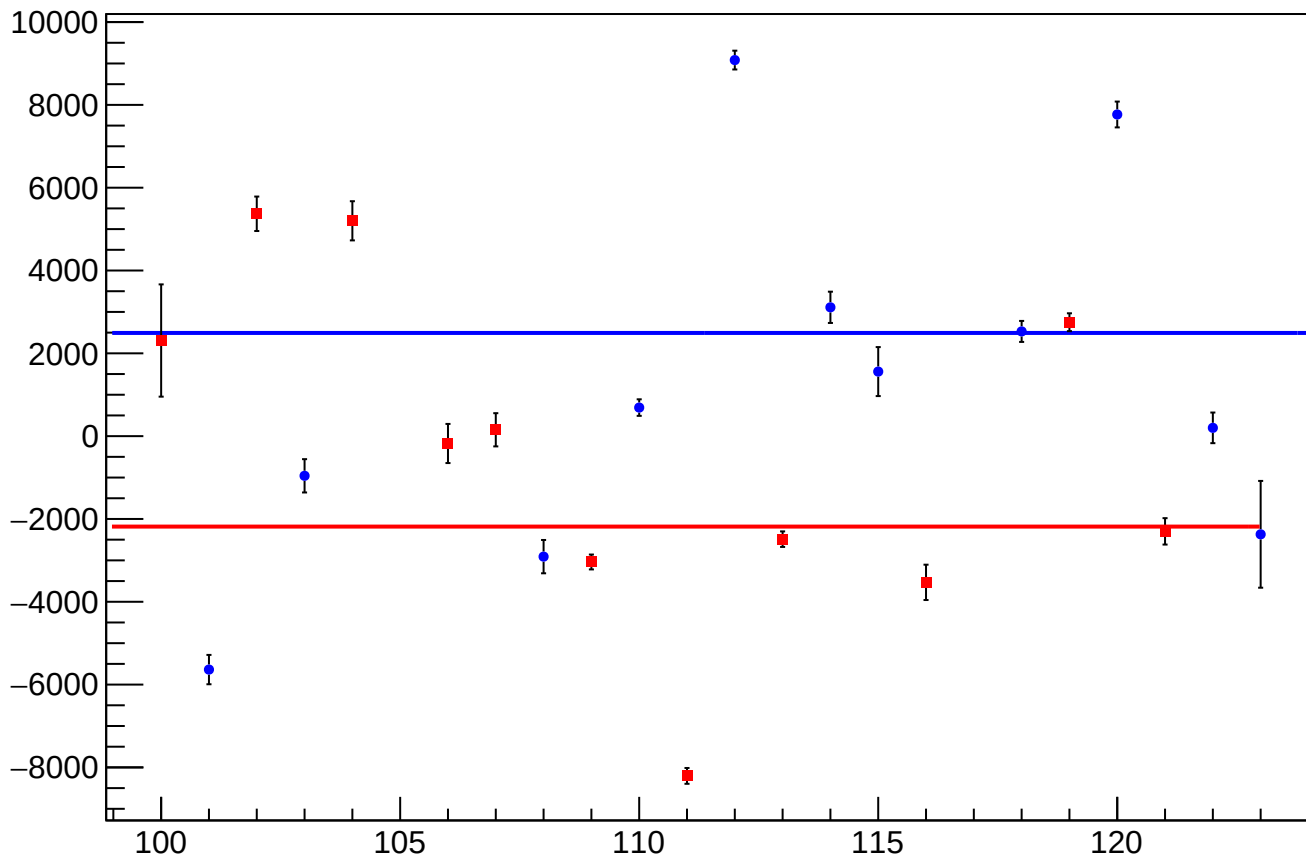
Right: 164.470+/-0.042 χ^2/NDF : 1391389.1/21

In: 168.491+/-0.061 χ^2/NDF : 539078.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.470+/-0.042 χ^2/NDF : 1391389.1/21

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2492.390+/-96.047 χ^2 /NDF: 2048.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2184.180+/-83.008 χ^2 /NDF: 2190.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

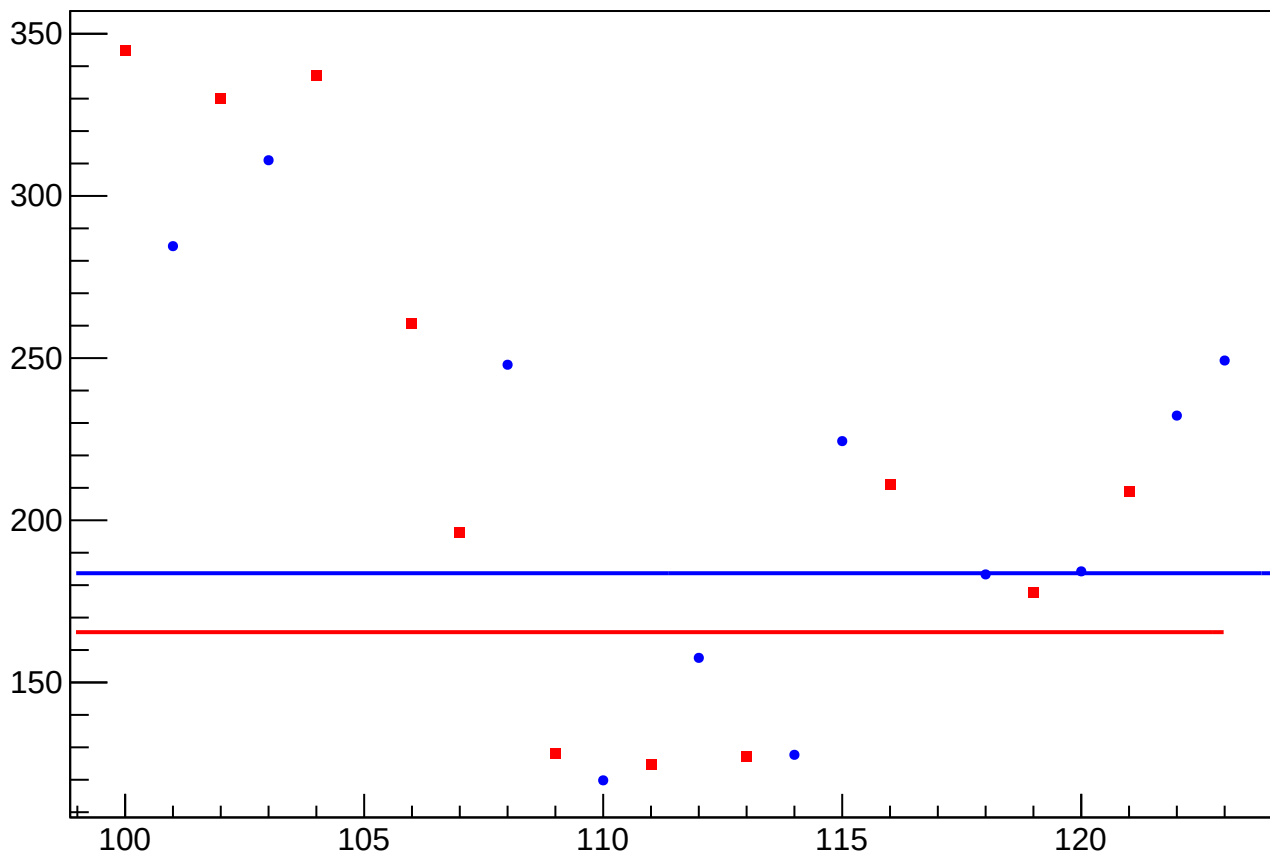
Right: -184.645+/-62.804 χ^2 /NDF: 5595.6/21

In: 2492.390+/-96.047 χ^2 /NDF:2048.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -184.645+/-62.804 χ^2 /NDF: 5595.6/21

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.678+/-0.068 χ^2/NDF : 737473.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.509+/-0.059 χ^2/NDF : 1032440.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

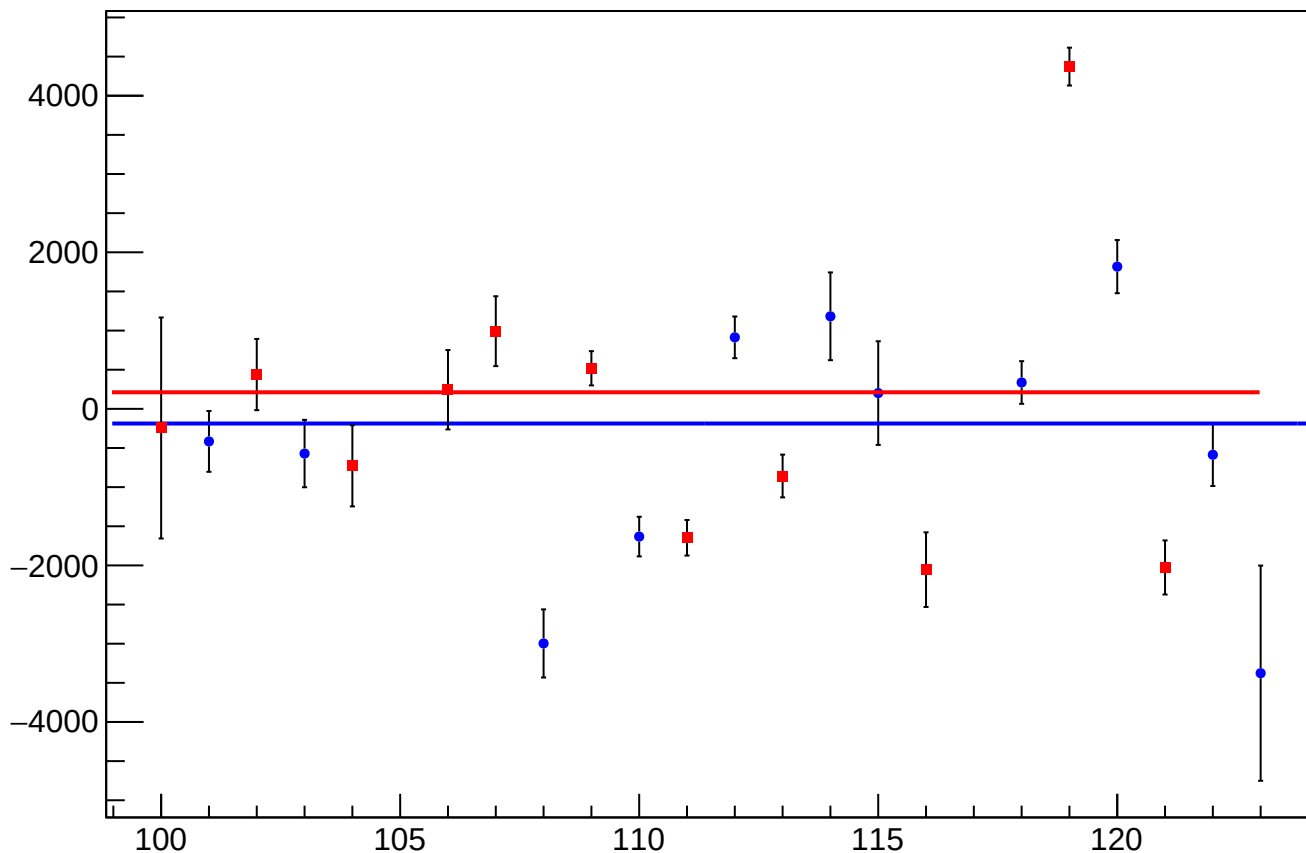
Right: 173.277+/-0.044 χ^2/NDF : 1810884.4/21

In: 183.678+/-0.068 χ^2/NDF : 737473.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.277+/-0.044 χ^2/NDF : 1810884.4/21

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -187.299+/-110.790 χ^2/NDF : 143.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.575+/-99.245 χ^2/NDF : 451.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

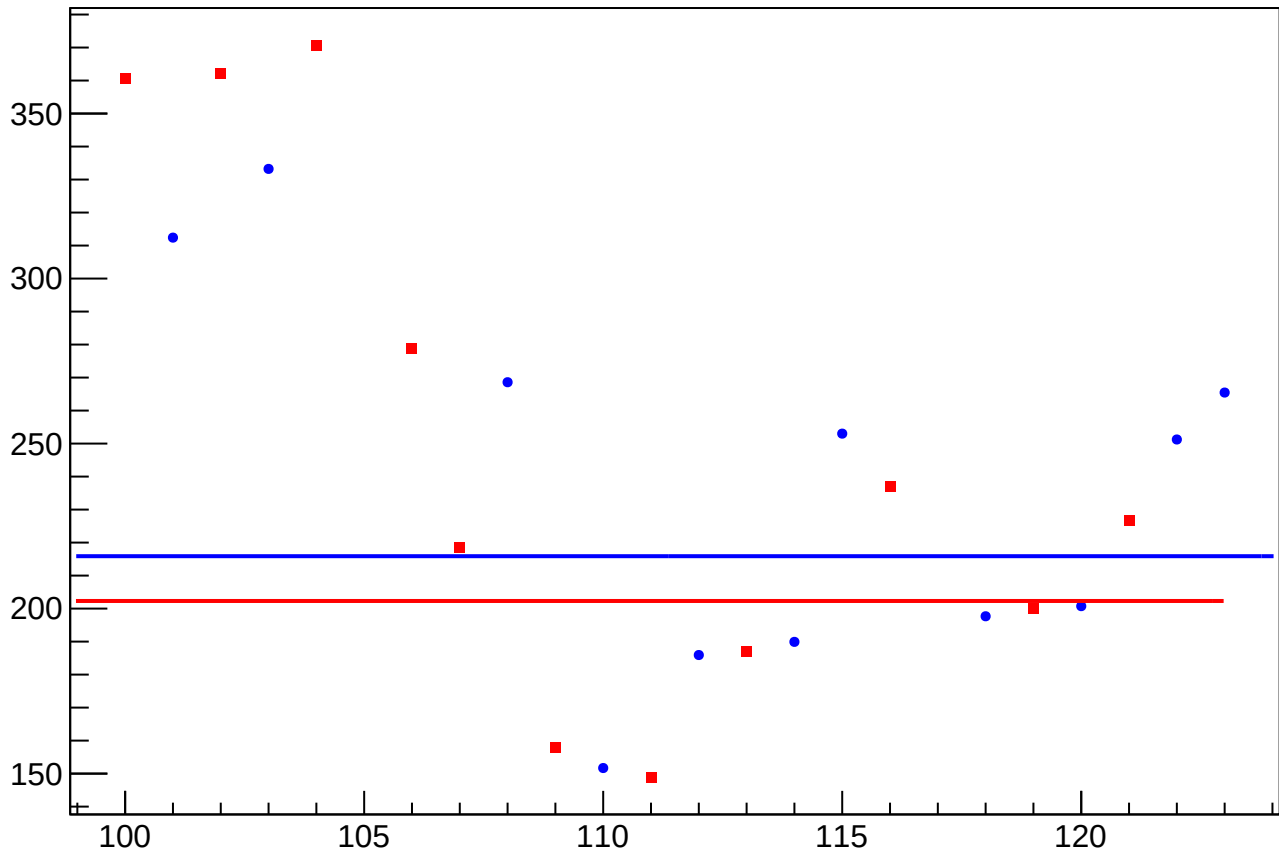
Right: 33.998+/-73.923 χ^2/NDF : 602.9/21

In: -187.299+/-110.790 χ^2/NDF : 143.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.998+/-73.923 χ^2/NDF : 602.9/21

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 215.877+/-0.078 χ^2/NDF : 497463.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.308+/-0.070 χ^2/NDF : 749990.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

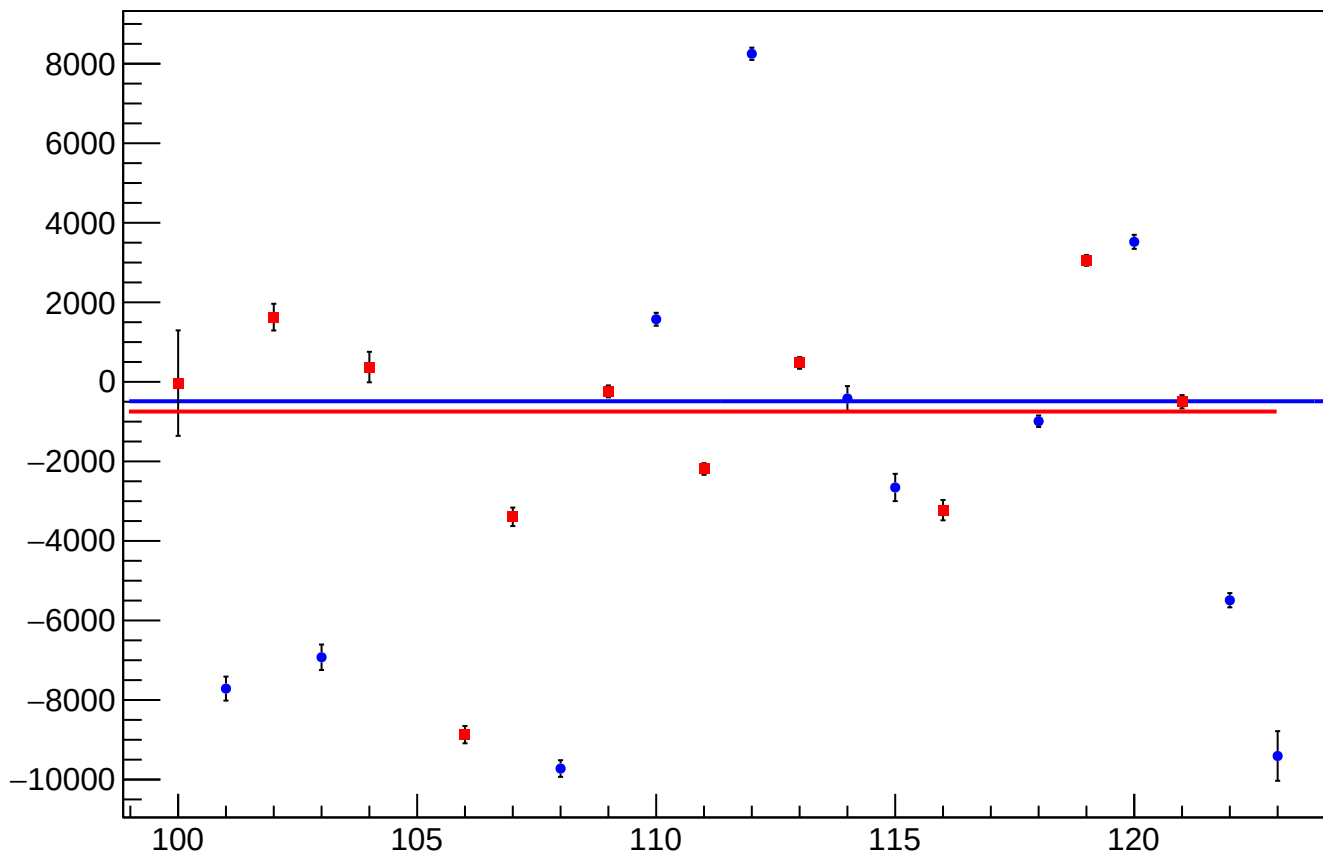
Right: 208.349+/-0.052 χ^2/NDF : 1264097.6/21

In: 215.877+/-0.078 χ^2/NDF : 497463.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.349+/-0.052 χ^2/NDF : 1264097.6/21

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -487.543+/-62.507 χ^2/NDF : 7820.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -746.099+/-57.683 χ^2/NDF : 2656.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

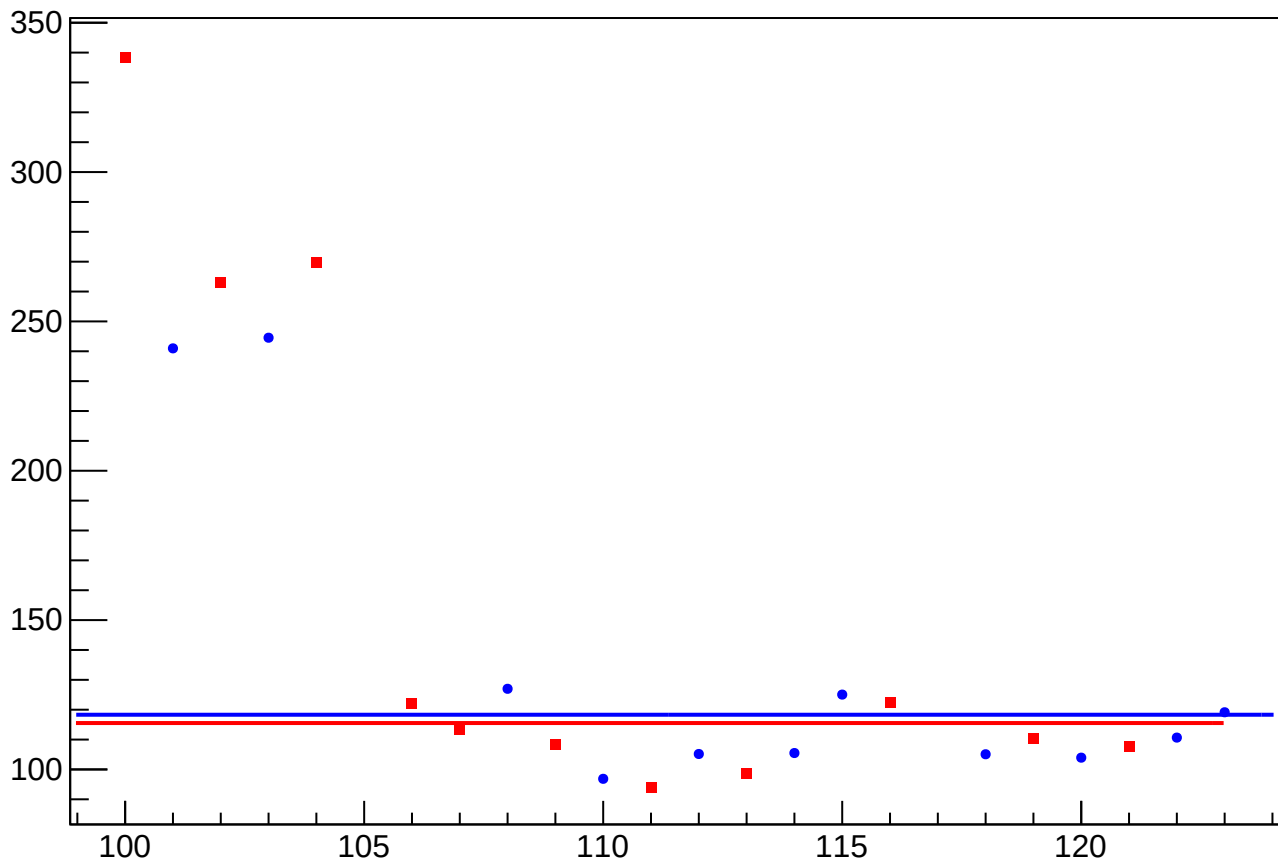
Right: -627.183+/-42.391 χ^2/NDF : 10486.0/21

In: -487.543+/-62.507 χ^2/NDF : 7820.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.183+/-42.391 χ^2/NDF : 10486.0/21

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.315+/-0.044 χ^2/NDF : 731390.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.535+/-0.041 χ^2/NDF : 852311.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

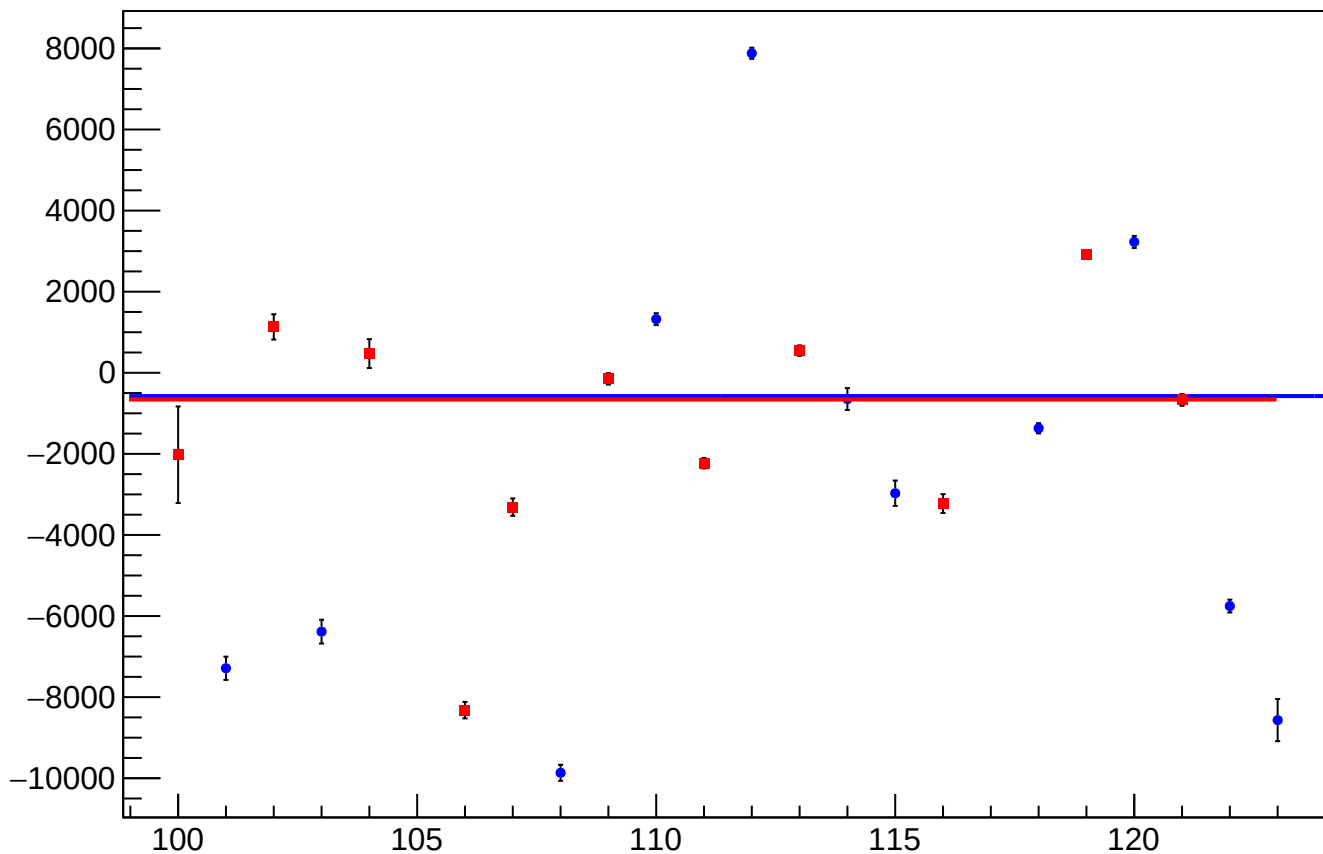
Right: 116.813+/-0.030 χ^2/NDF : 1585838.7/21

In: 118.315+/-0.044 χ^2/NDF : 731390.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.813+/-0.030 χ^2/NDF : 1585838.7/21

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -574.548+/-55.544 χ^2/NDF : 9135.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -659.992+/-51.718 χ^2/NDF : 2903.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

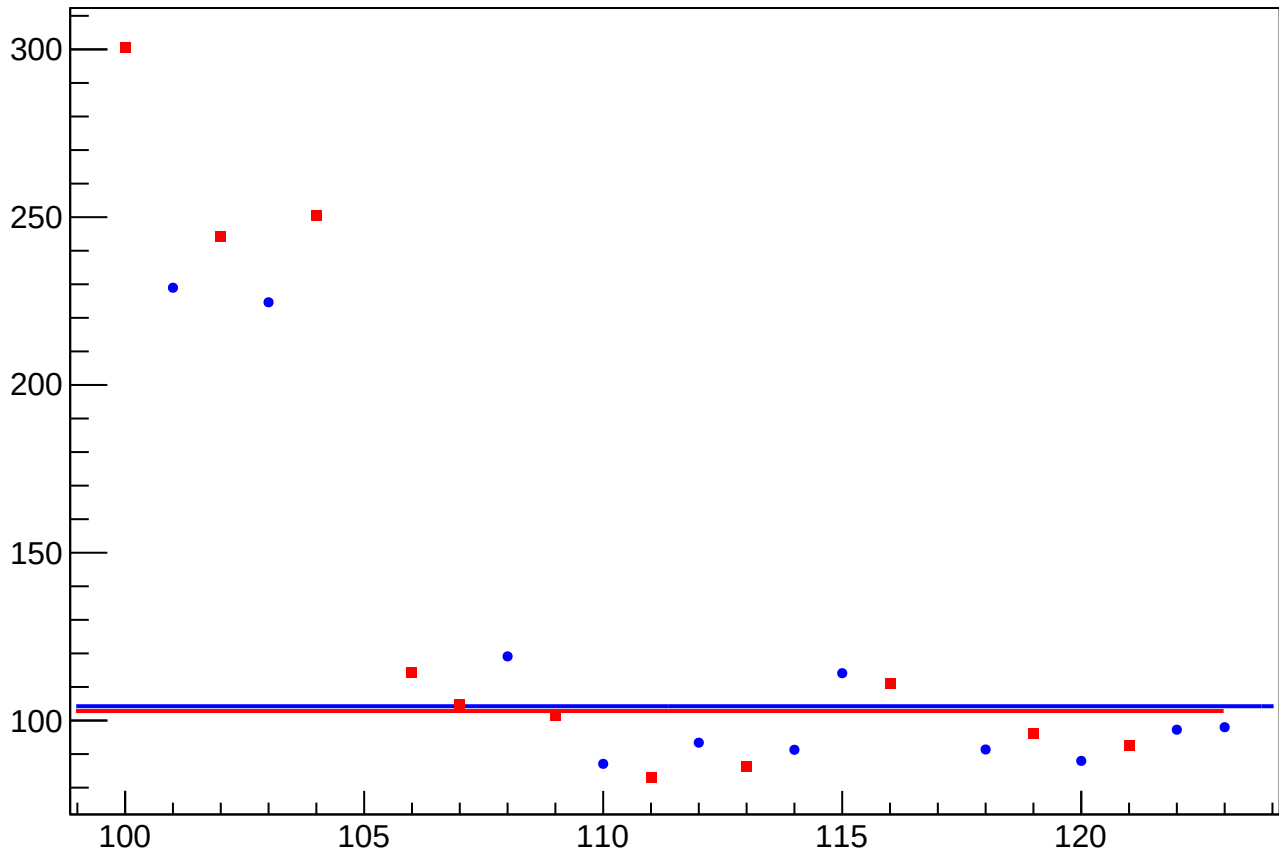
Right: -620.313+/-37.851 χ^2/NDF : 12040.1/21

In: -574.548+/-55.544 χ^2/NDF : 9135.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.313+/-37.851 χ^2/NDF : 12040.1/21

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 104.260+/-0.039 χ^2/NDF : 820268.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.829+/-0.037 χ^2/NDF : 913010.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

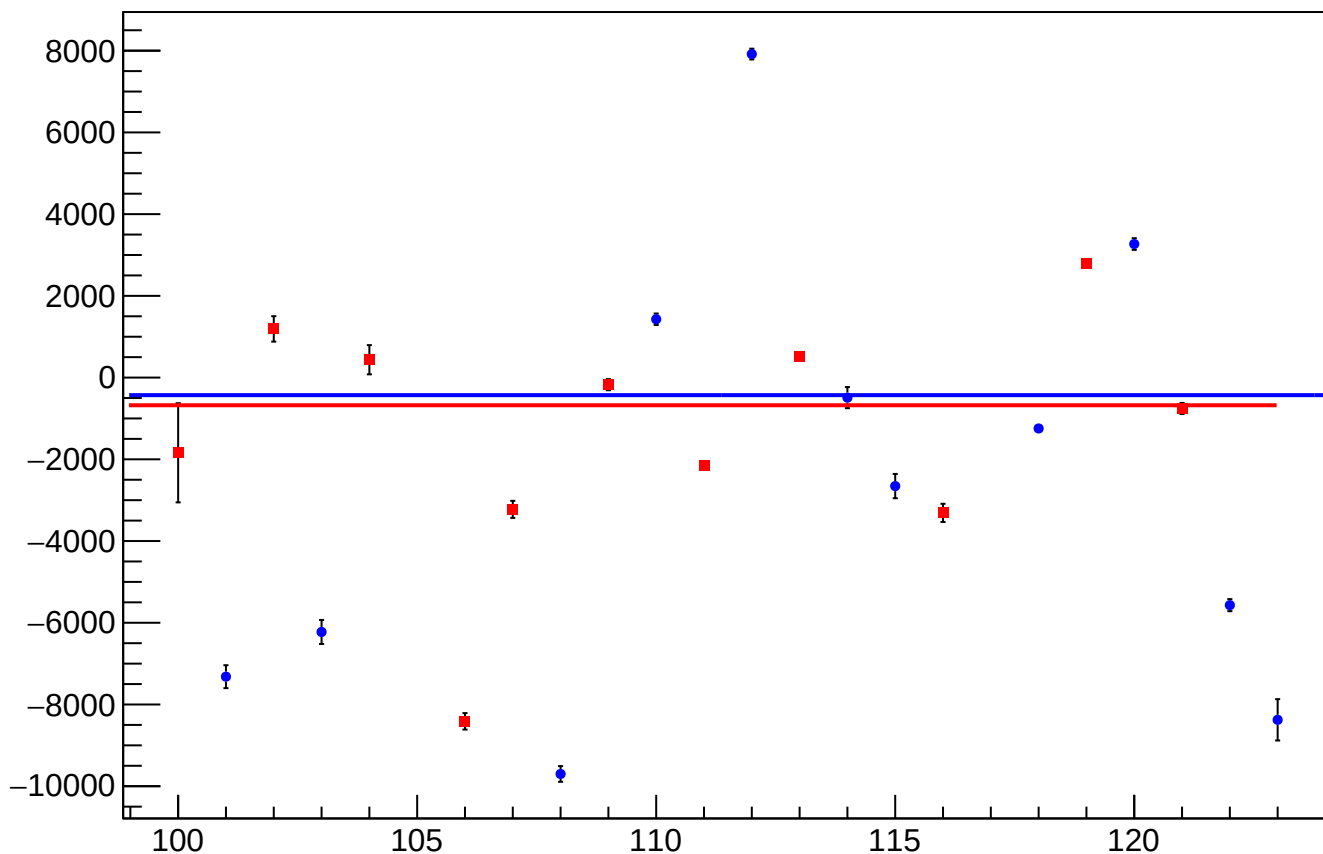
Right: 103.494+/-0.027 χ^2/NDF : 1733991.0/21

In: 104.260+/-0.039 χ^2/NDF : 820268.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.494+/-0.027 χ^2/NDF : 1733991.0/21

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -429.786+/-53.150 χ^2/NDF : 9739.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -677.088+/-49.327 χ^2/NDF : 3021.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

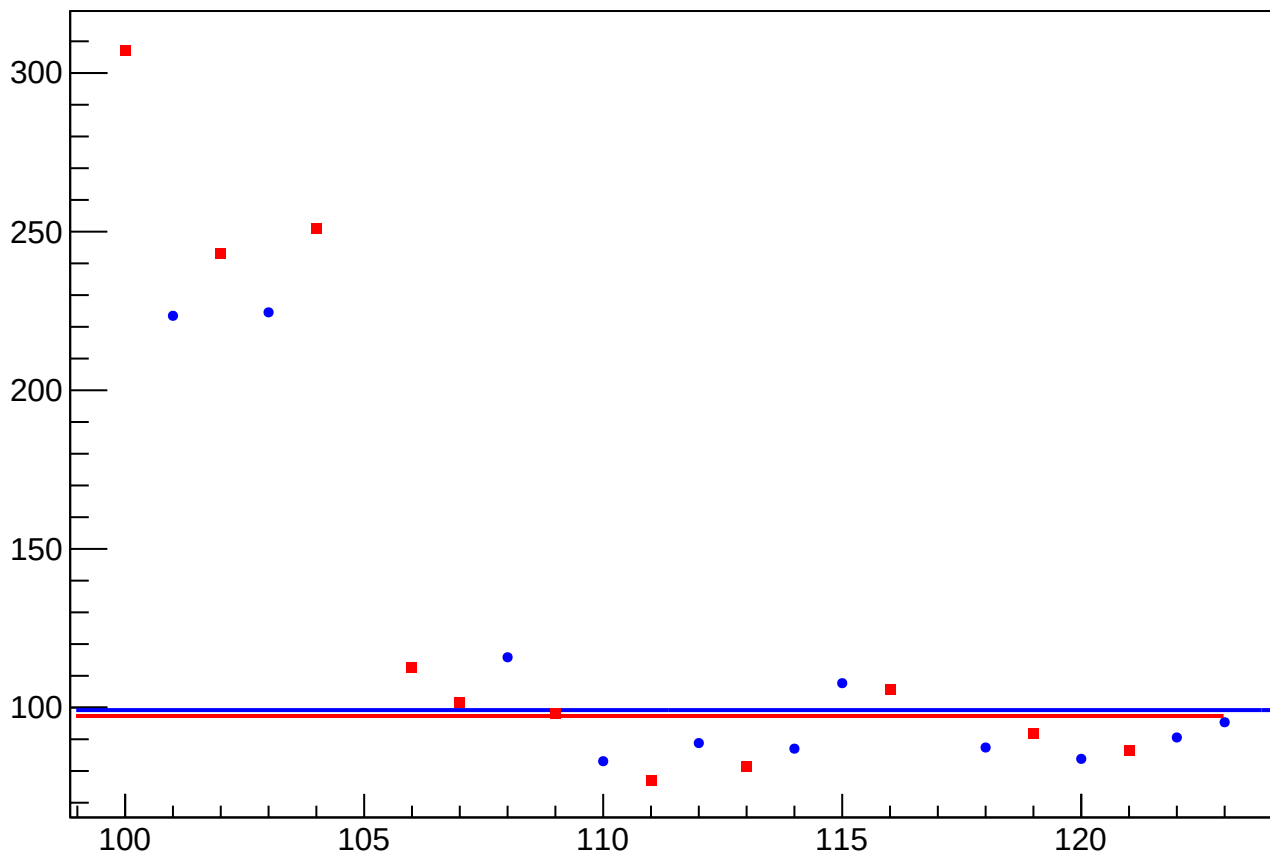
Right: -562.650+/-36.156 χ^2/NDF : 12772.5/21

In: -429.786+/-53.150 χ^2/NDF :9739.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -562.650+/-36.156 χ^2/NDF : 12772.5/21

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 99.194+/-0.038 χ^2/NDF : 865341.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.342+/-0.035 χ^2/NDF : 993644.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

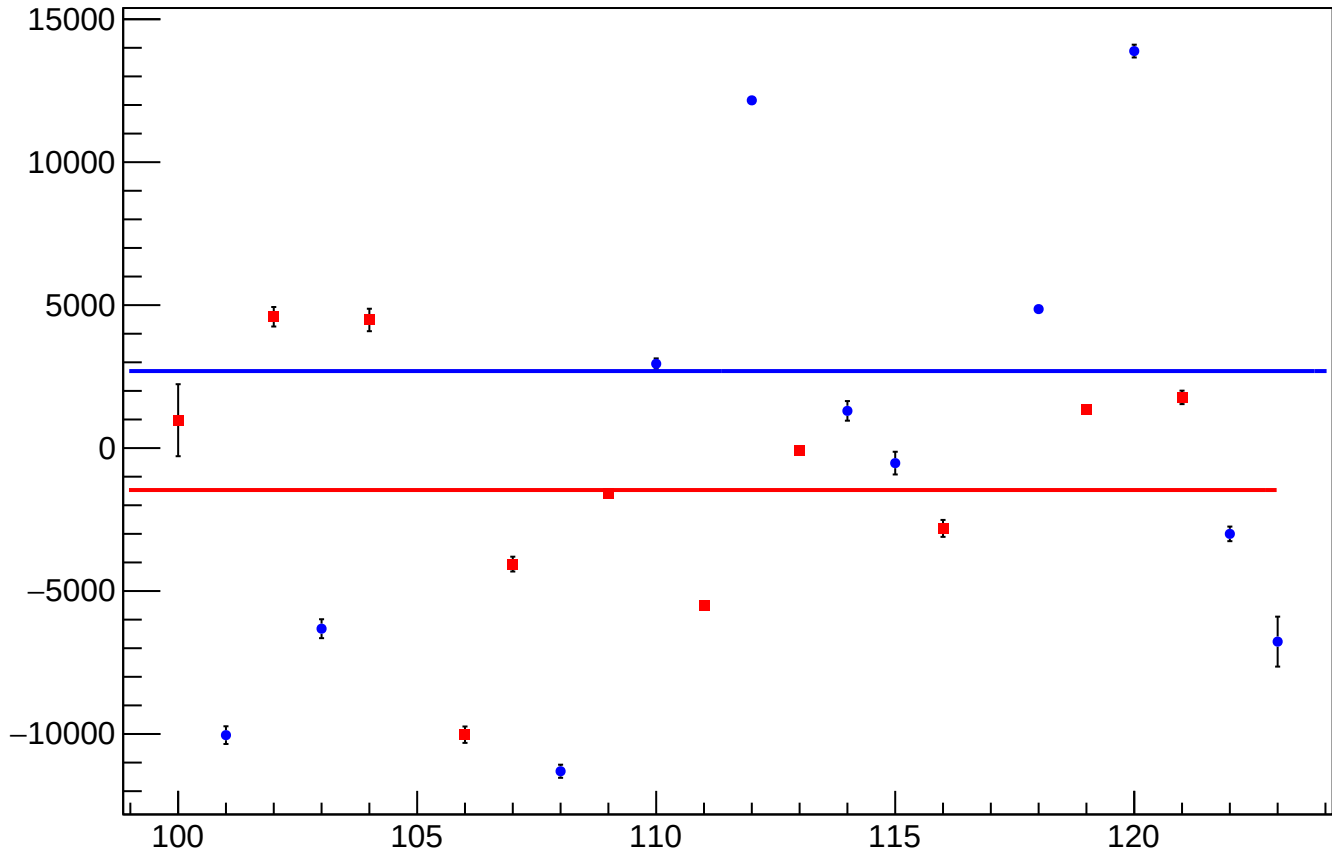
Right: 98.199+/-0.026 χ^2/NDF : 1860291.1/21

In: 99.194+/-0.038 χ^2/NDF : 865341.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.199+/-0.026 χ^2/NDF : 1860291.1/21

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2693.794+/-73.556 χ^2/NDF : 12446.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1467.186+/-68.381 χ^2/NDF : 2673.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

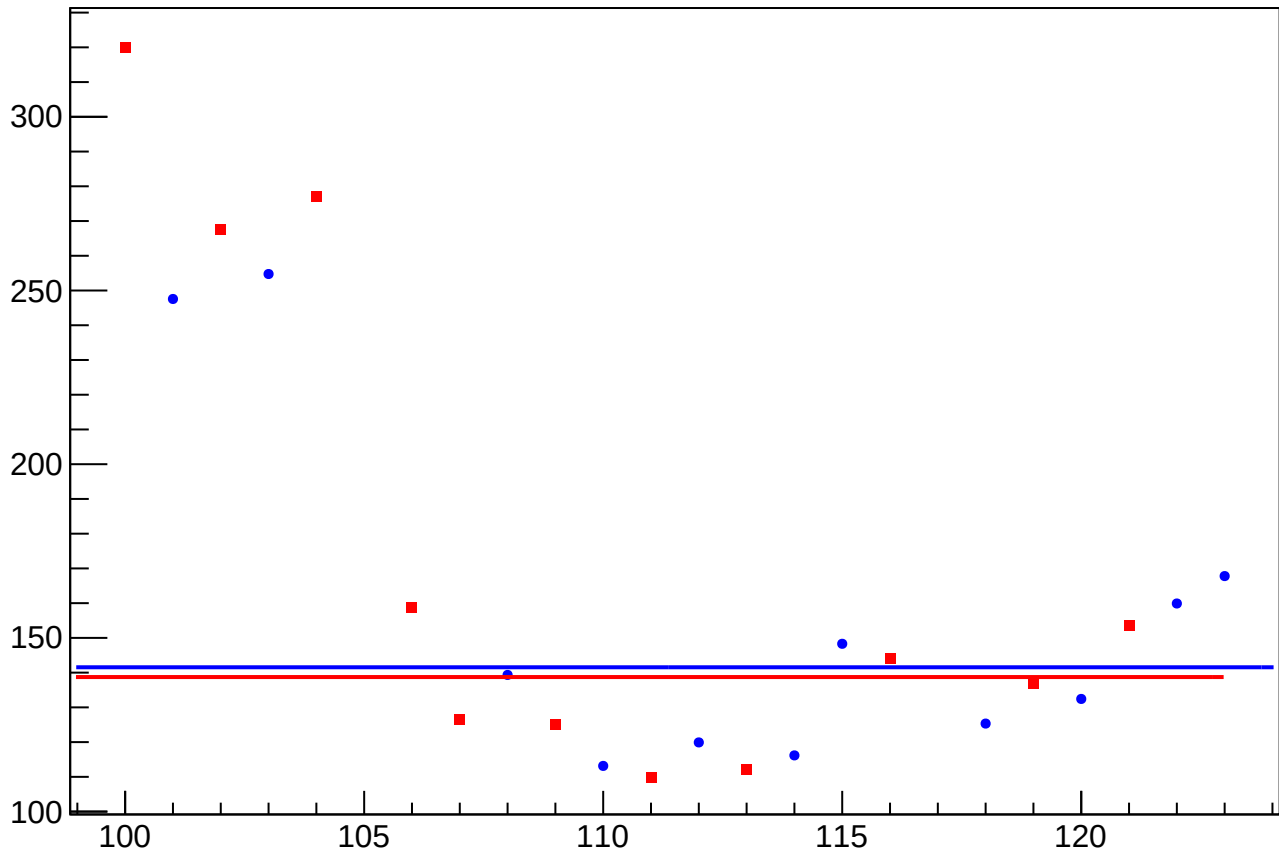
Right: 461.815+/-50.082 χ^2/NDF : 16835.6/21

In: 2693.794+/-73.556 χ^2/NDF :12446.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 461.815+/-50.082 χ^2/NDF : 16835.6/21

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.543+/-0.052 χ^2/NDF : 589373.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.729+/-0.048 χ^2/NDF : 718722.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

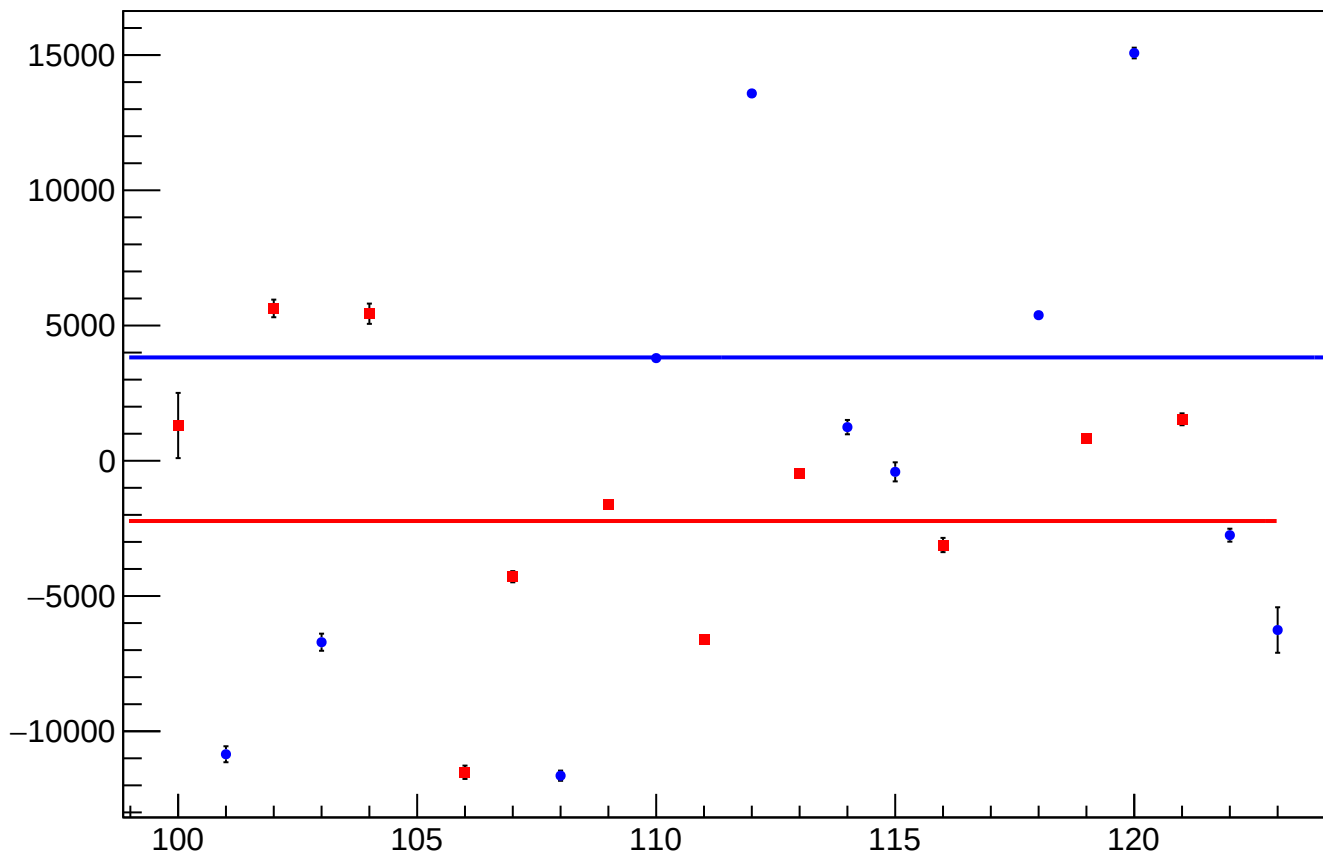
Right: 140.034+/-0.035 χ^2/NDF : 1309666.0/21

In: 141.543+/-0.052 χ^2/NDF : 589373.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.034+/-0.035 χ^2/NDF : 1309666.0/21

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3821.072+/-60.884 χ^2/NDF : 20091.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2226.994+/-55.448 χ^2/NDF : 4755.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

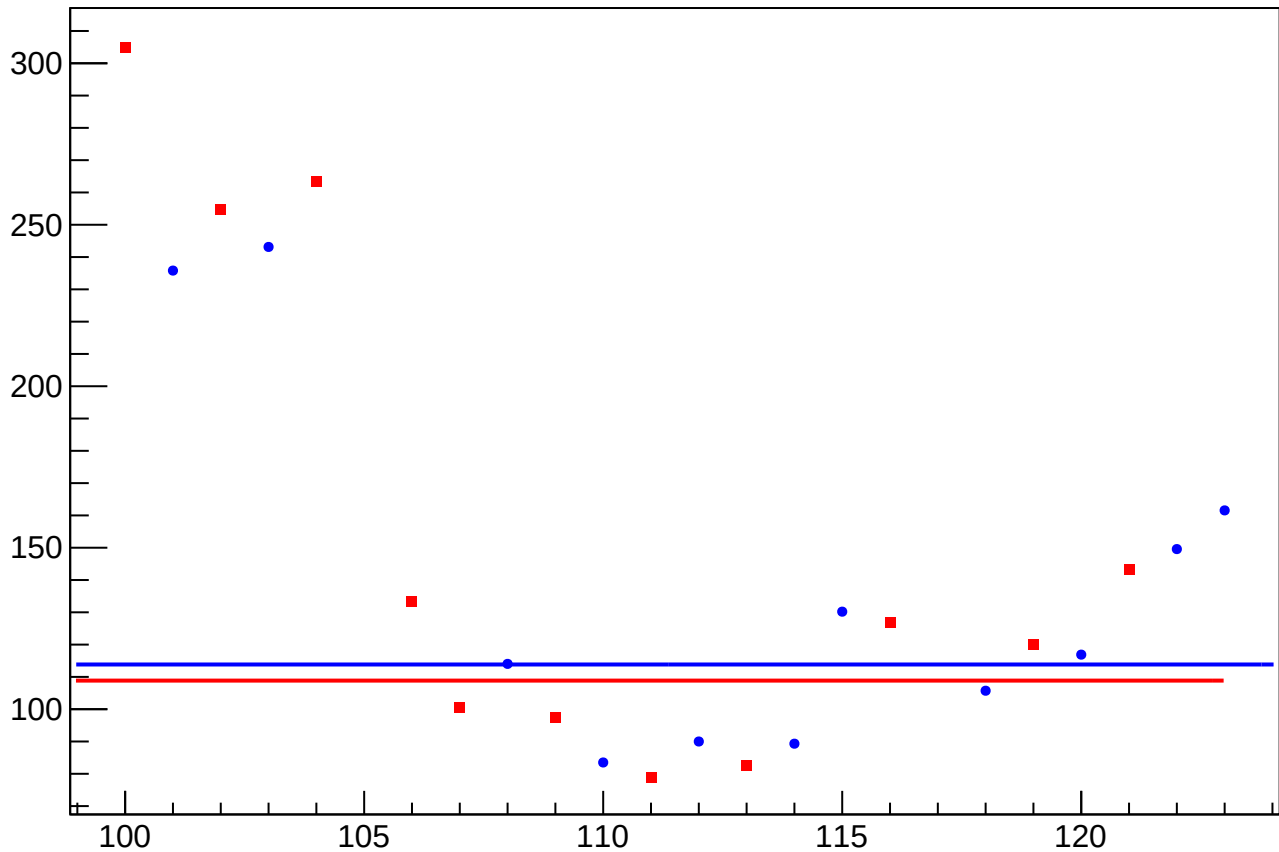
Right: 515.046+/-40.995 χ^2/NDF : 30241.0/21

In: 3821.072+/-60.884 χ^2/NDF : 20091.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.046+/-40.995 χ^2/NDF : 30241.0/21

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 113.843+/-0.043 χ^2/NDF : 910603.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.855+/-0.039 χ^2/NDF : 1111882.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

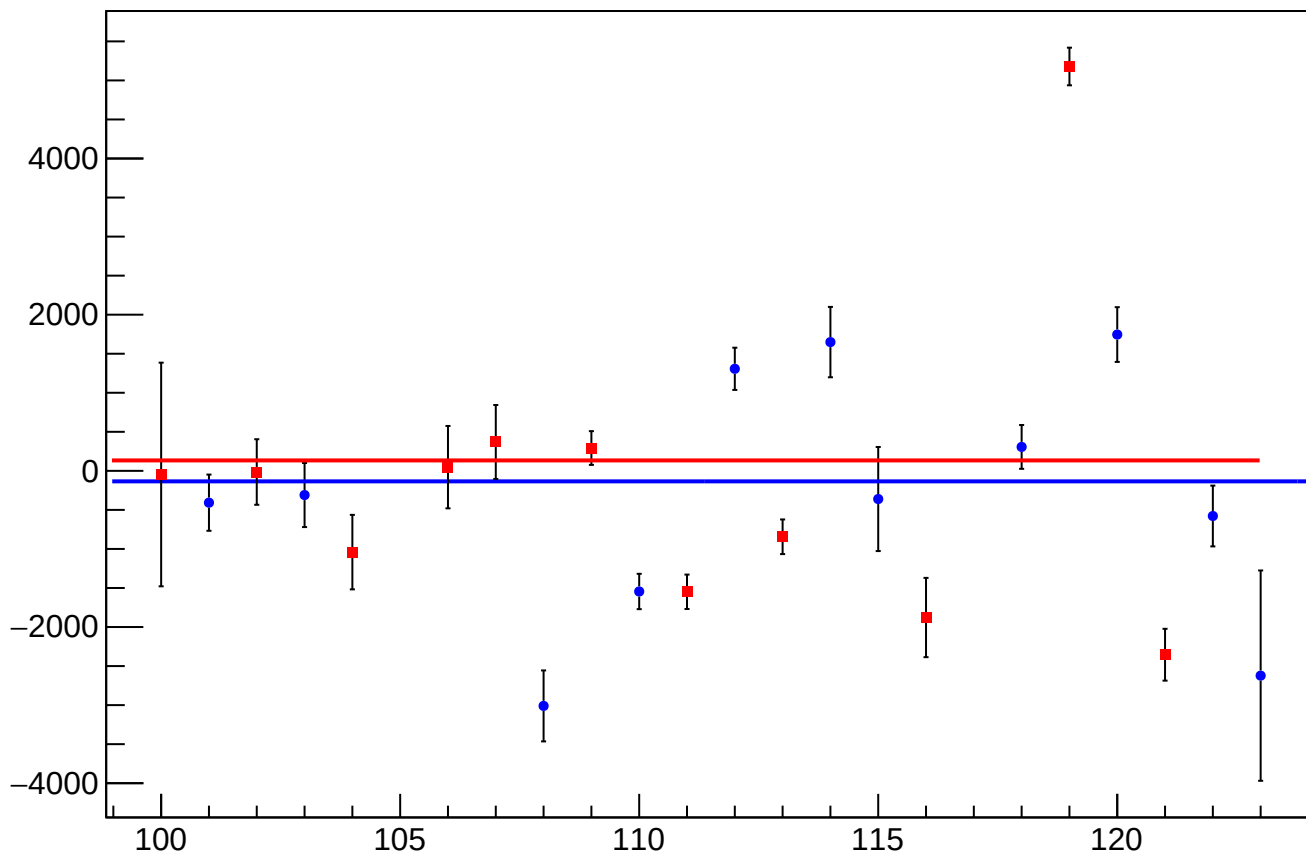
Right: 111.117+/-0.029 χ^2/NDF : 2029823.9/21

In: 113.843+/-0.043 χ^2/NDF : 910603.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.117+/-0.029 χ^2/NDF : 2029823.9/21

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -134.479+/-107.277 χ^2/NDF : 159.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.632+/-94.872 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

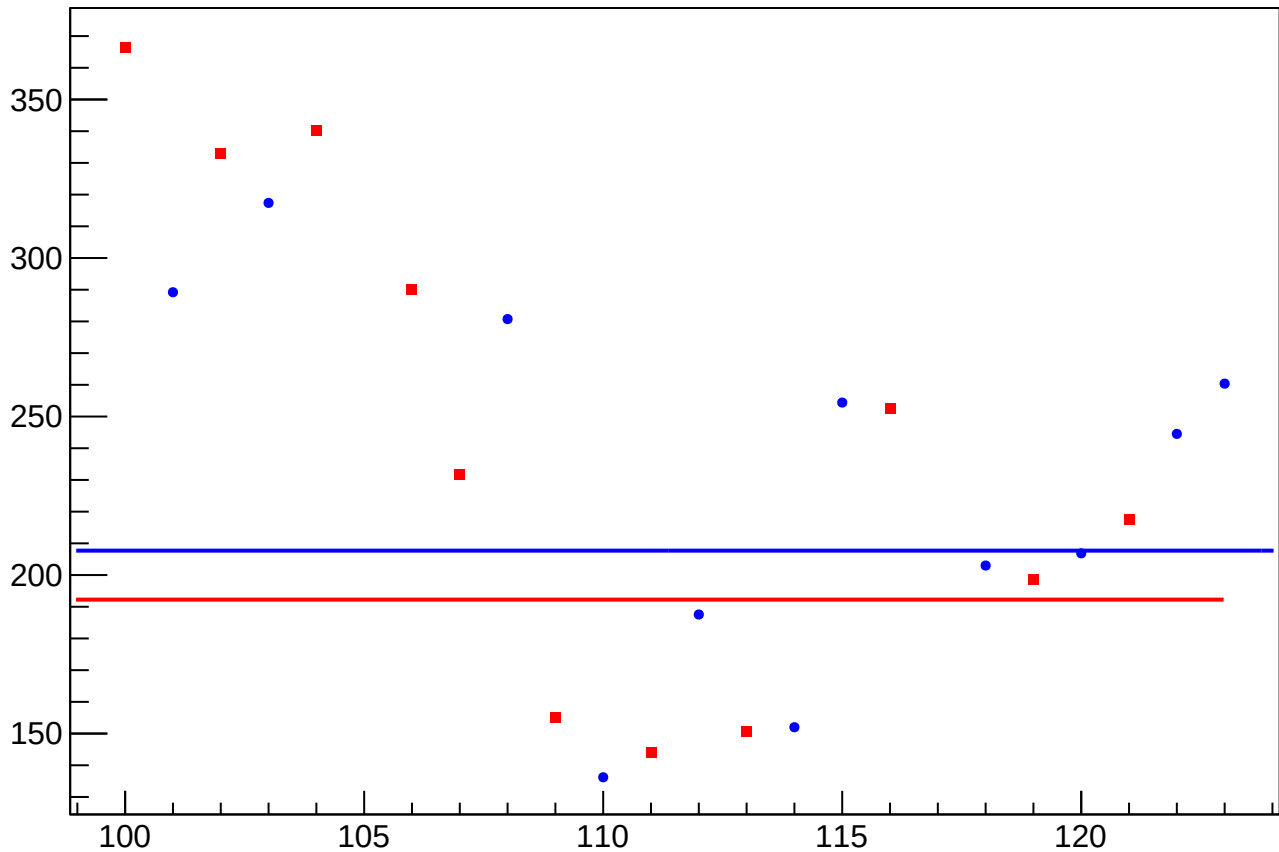
Right: 15.967+/-71.067 χ^2/NDF : 758.2/21

In: -134.479+/-107.277 χ^2/NDF : 159.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.967+/-71.067 χ^2/NDF : 758.2/21

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 207.702+/-0.076 χ^2/NDF : 569863.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 192.247+/-0.067 χ^2/NDF : 795964.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

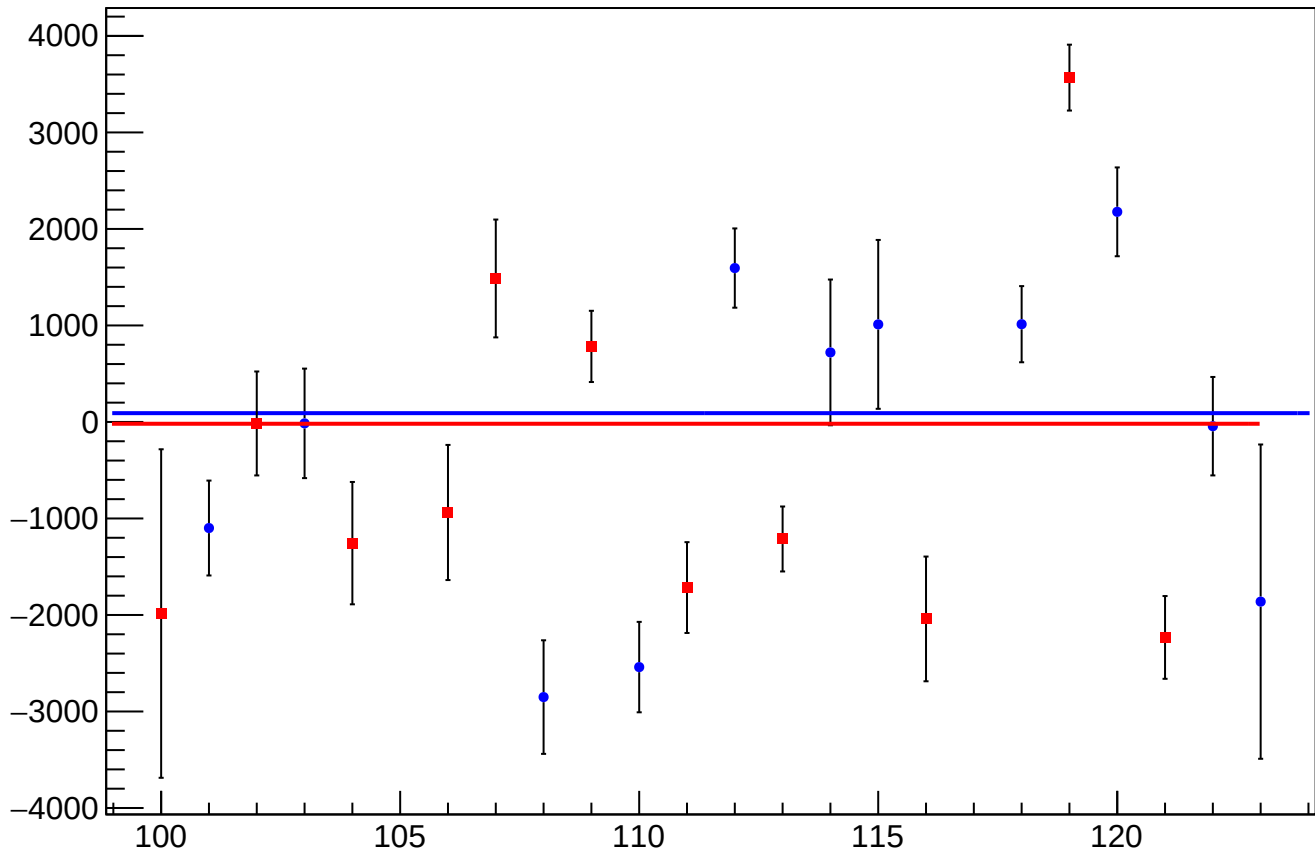
Right: 199.030+/-0.050 χ^2/NDF : 1389121.1/21

In: 207.702+/-0.076 χ^2/NDF :569863.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 199.030+/-0.050 χ^2/NDF : 1389121.1/21

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 91.207+/-160.040 χ^2/NDF : 105.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.679+/-144.177 χ^2/NDF : 190.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

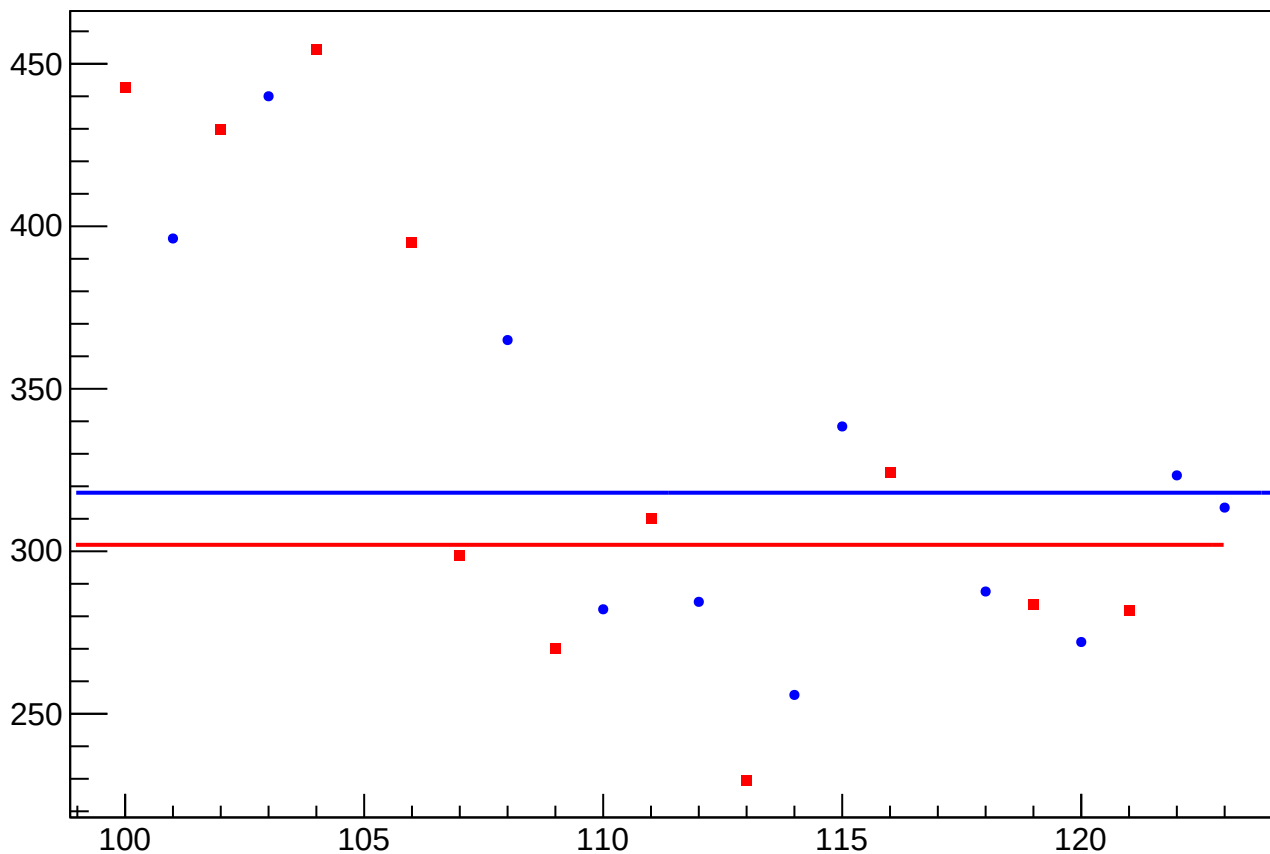
Right: 30.550+/-107.119 χ^2/NDF : 295.5/21

In: 91.207+/-160.040 χ^2/NDF : 105.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.550+/-107.119 χ^2/NDF : 295.5/21

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 318.025+/-0.113 χ^2/NDF : 227639.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.993+/-0.102 χ^2/NDF : 398011.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

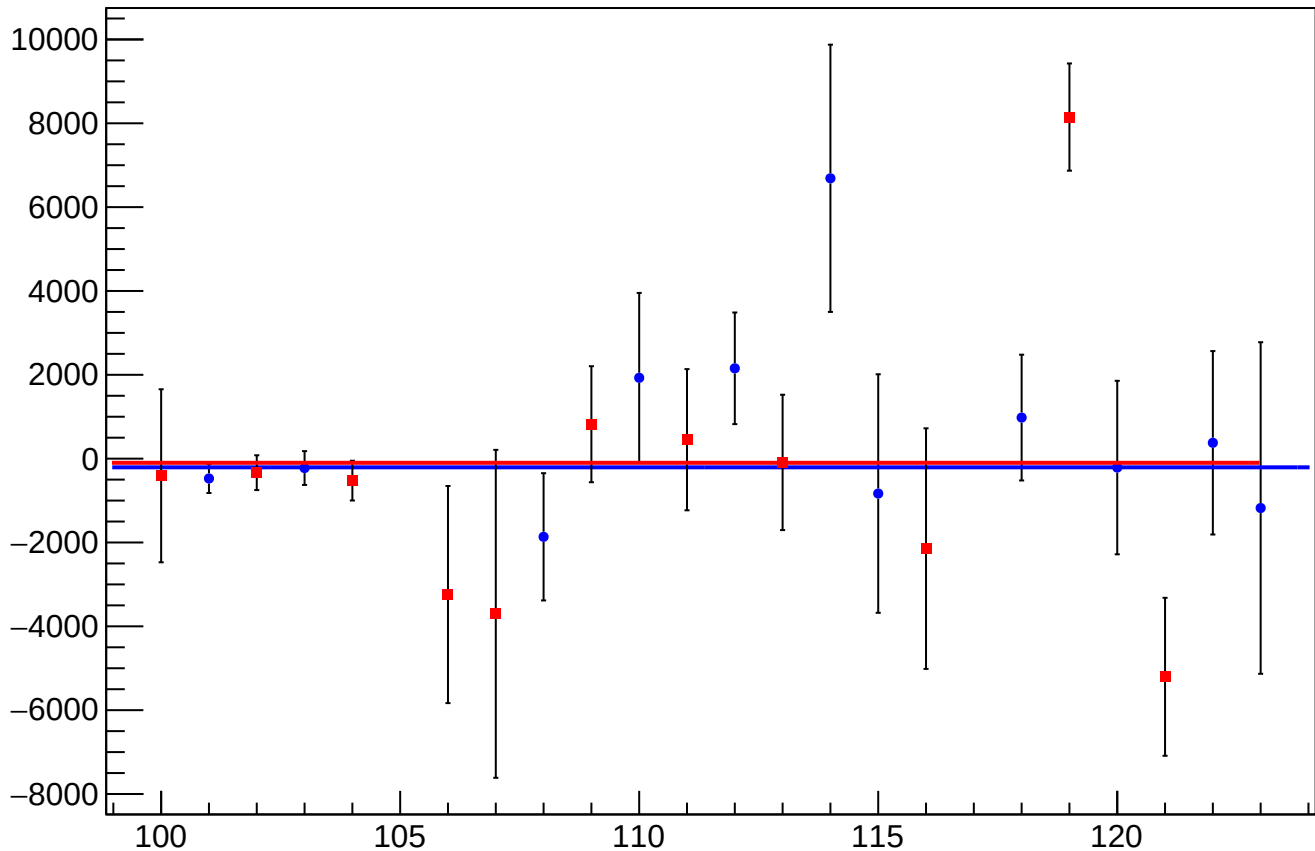
Right: 309.176+/-0.076 χ^2/NDF : 636729.7/21

In: 318.025+/-0.113 χ^2/NDF : 227639.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.176+/-0.076 χ^2/NDF : 636729.7/21

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -207.025+/-243.285 χ^2 /NDF: 11.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -98.832+/-277.643 χ^2 /NDF: 53.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

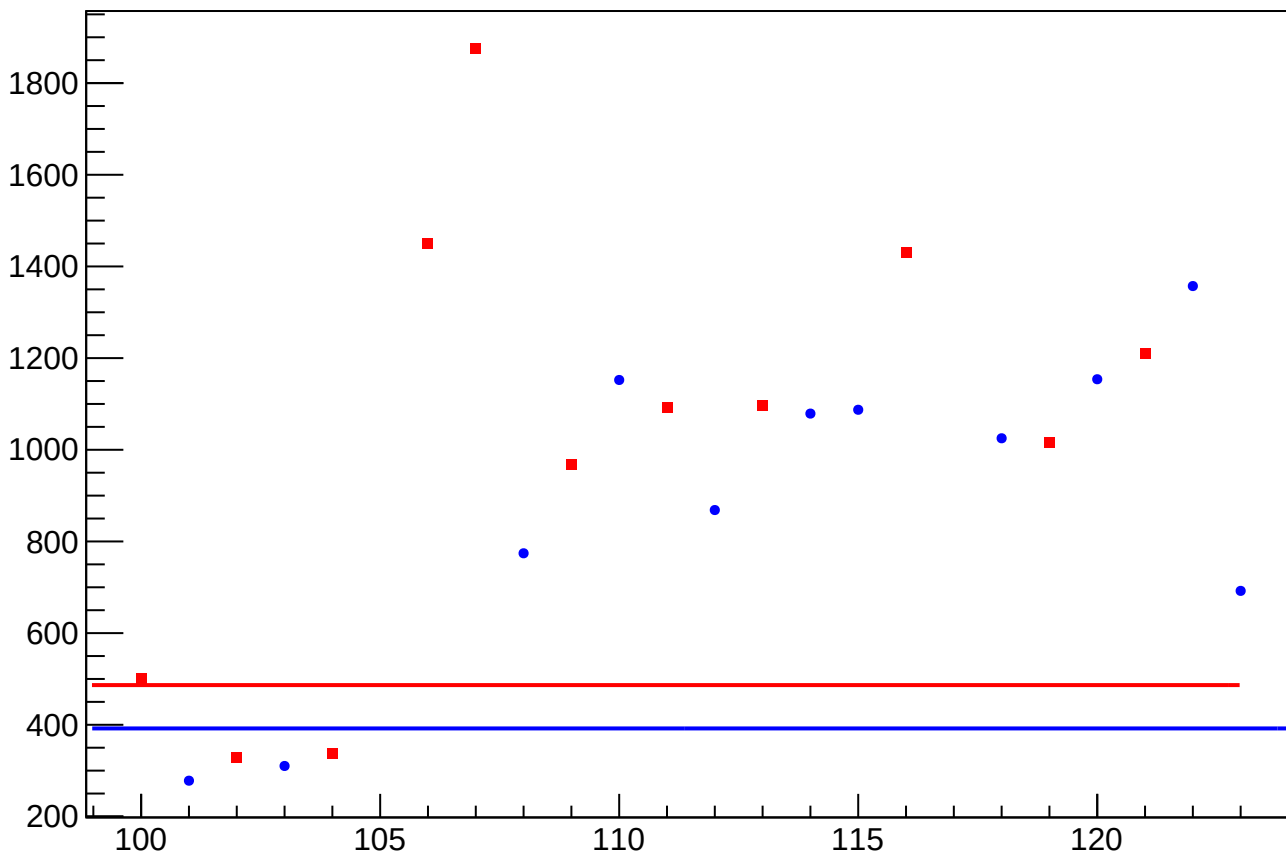
Right: -160.033+/-182.977 χ^2 /NDF: 65.1/21

In: -207.025+/-243.285 χ^2 /NDF:11.5/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -160.033+/-182.977 χ^2 /NDF: 65.1/21

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 392.050+/-0.172 χ^2/NDF : 2204243.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.615+/-0.196 χ^2/NDF : 2652596.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

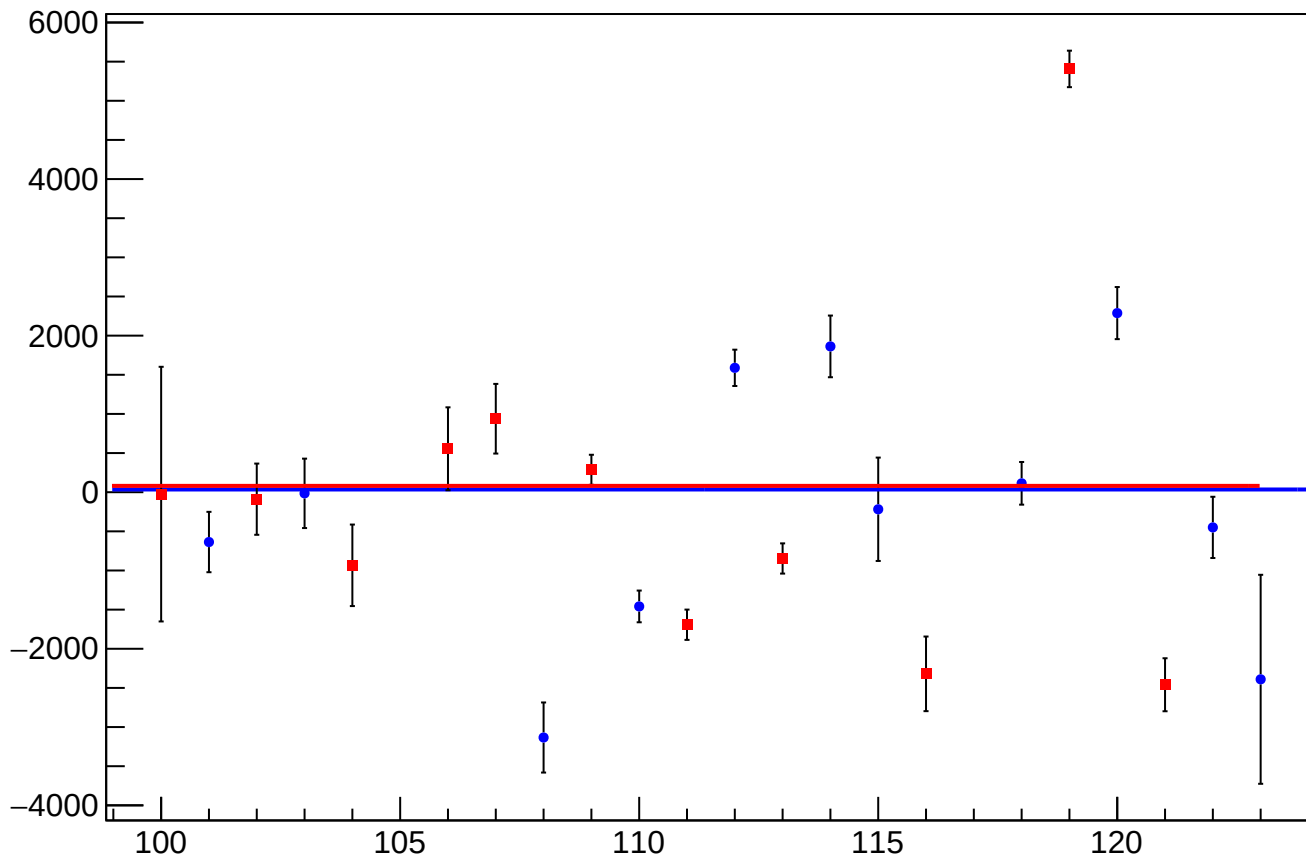
Right: 433.123+/-0.129 χ^2/NDF : 4988082.1/21

In: 392.050+/-0.172 χ^2/NDF : 2204243.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.123+/-0.129 χ^2/NDF : 4988082.1/21

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 34.727+/-100.970 χ^2/NDF : 224.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.940+/-87.774 χ^2/NDF : 720.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

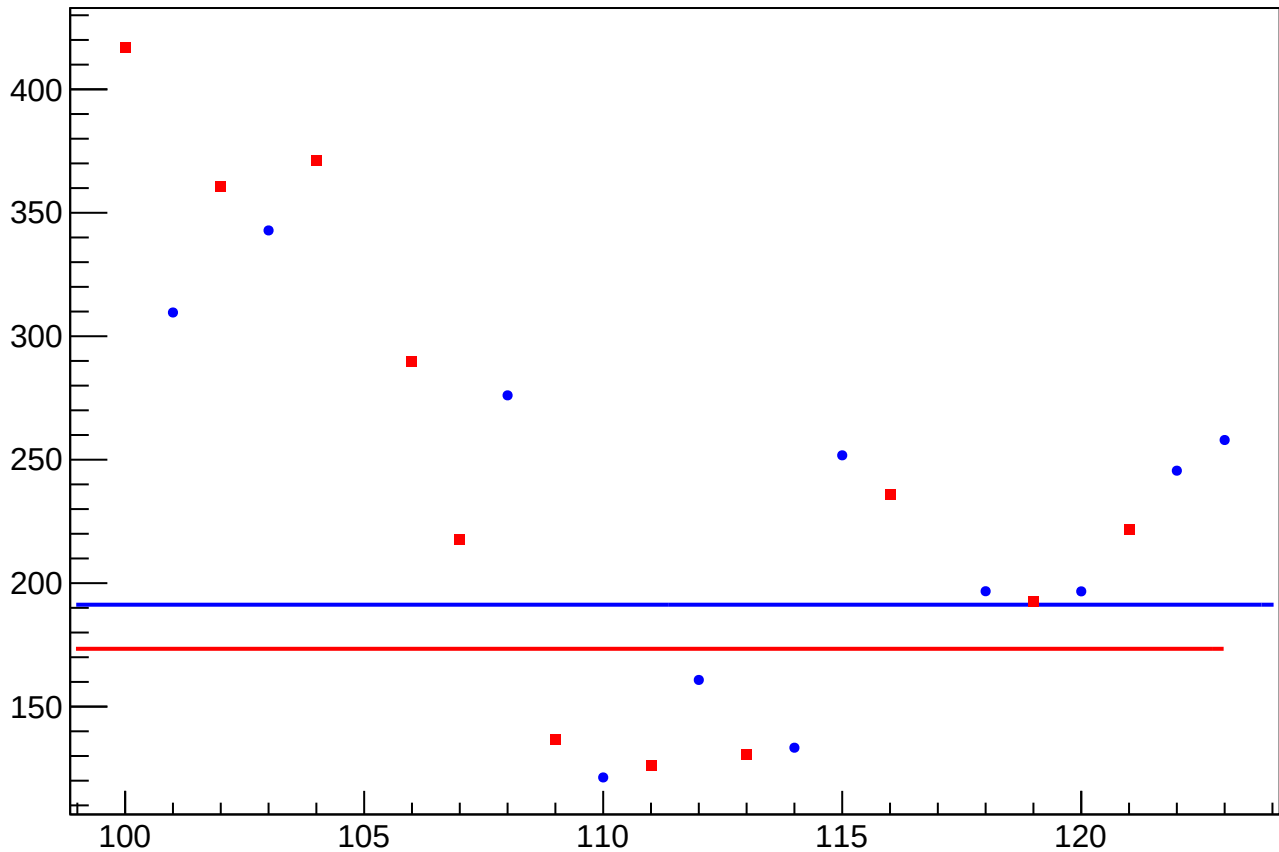
Right: 61.049+/-66.243 χ^2/NDF : 945.6/21

In: 34.727+/-100.970 χ^2/NDF : 224.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.049+/-66.243 χ^2/NDF : 945.6/21

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 191.271+/-0.071 χ^2/NDF : 871836.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.414+/-0.062 χ^2/NDF : 1169722.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

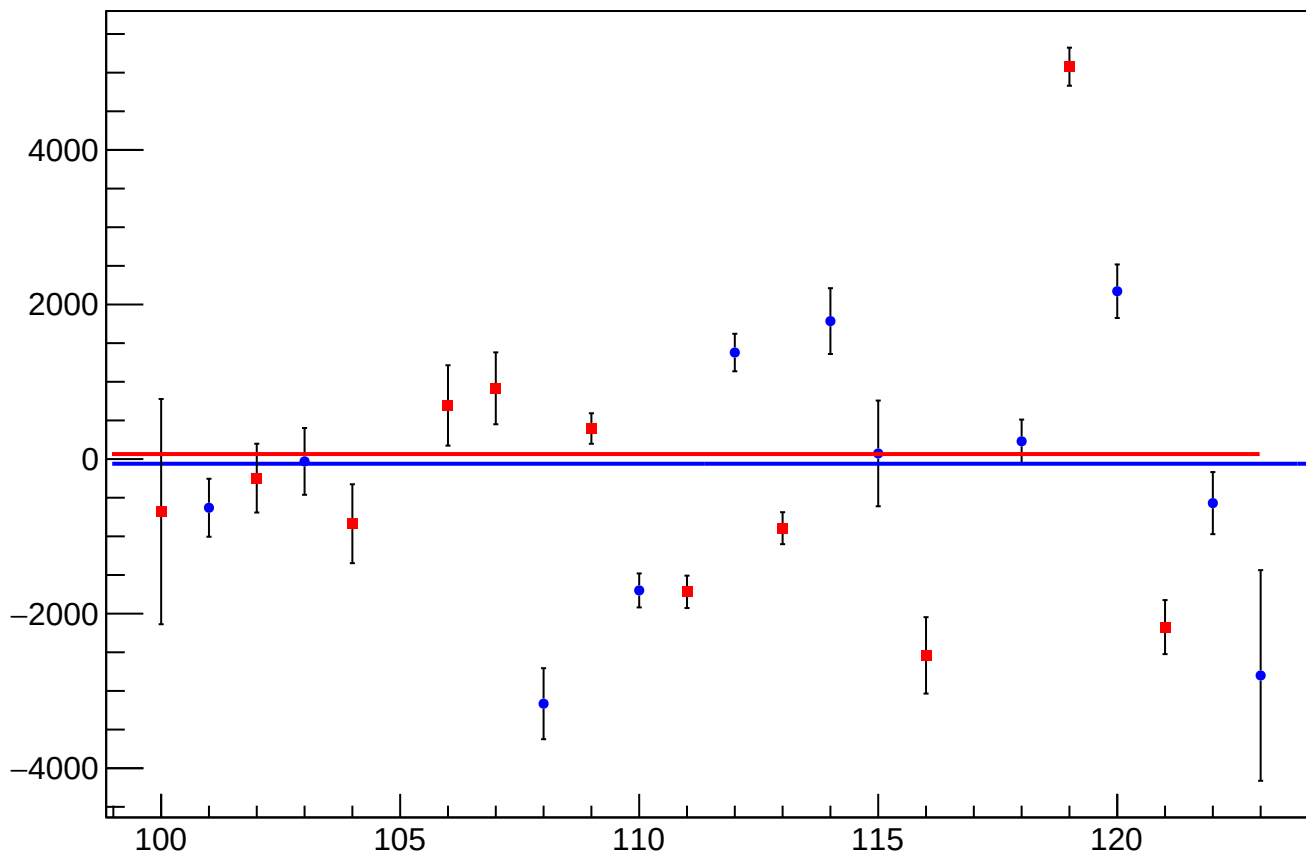
Right: 181.100+/-0.047 χ^2/NDF : 2077189.8/21

In: 191.271+/-0.071 χ^2/NDF : 871836.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.100+/-0.047 χ^2/NDF : 2077189.8/21

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -60.474 ± 105.252 χ^2/NDF : 205.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 64.967 ± 91.974 χ^2/NDF : 588.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

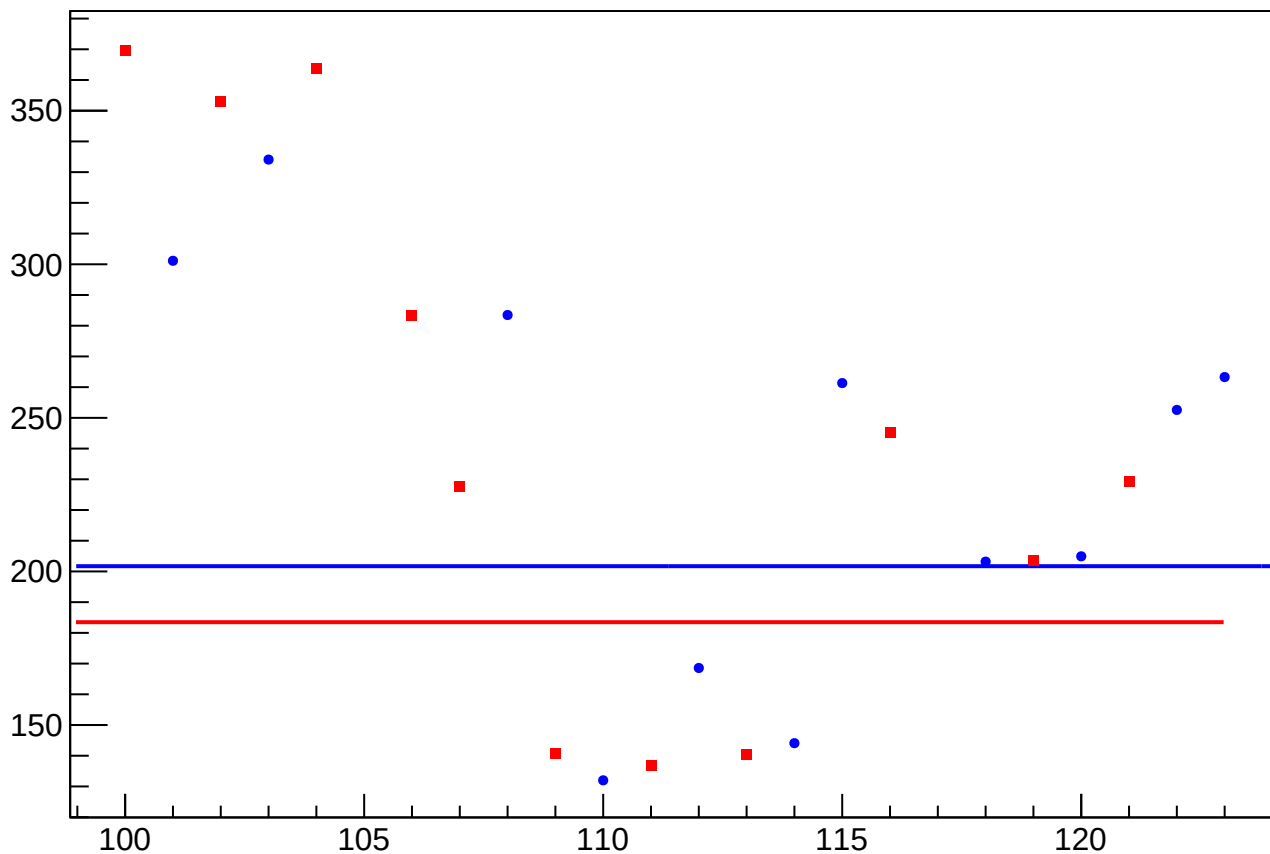
Right: 10.653 ± 69.257 χ^2/NDF : 794.9/21

In: -60.474 ± 105.252 χ^2/NDF : 205.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 10.653 ± 69.257 χ^2/NDF : 794.9/21

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 201.707+/-0.074 χ^2/NDF : 718413.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.481+/-0.065 χ^2/NDF : 1022318.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

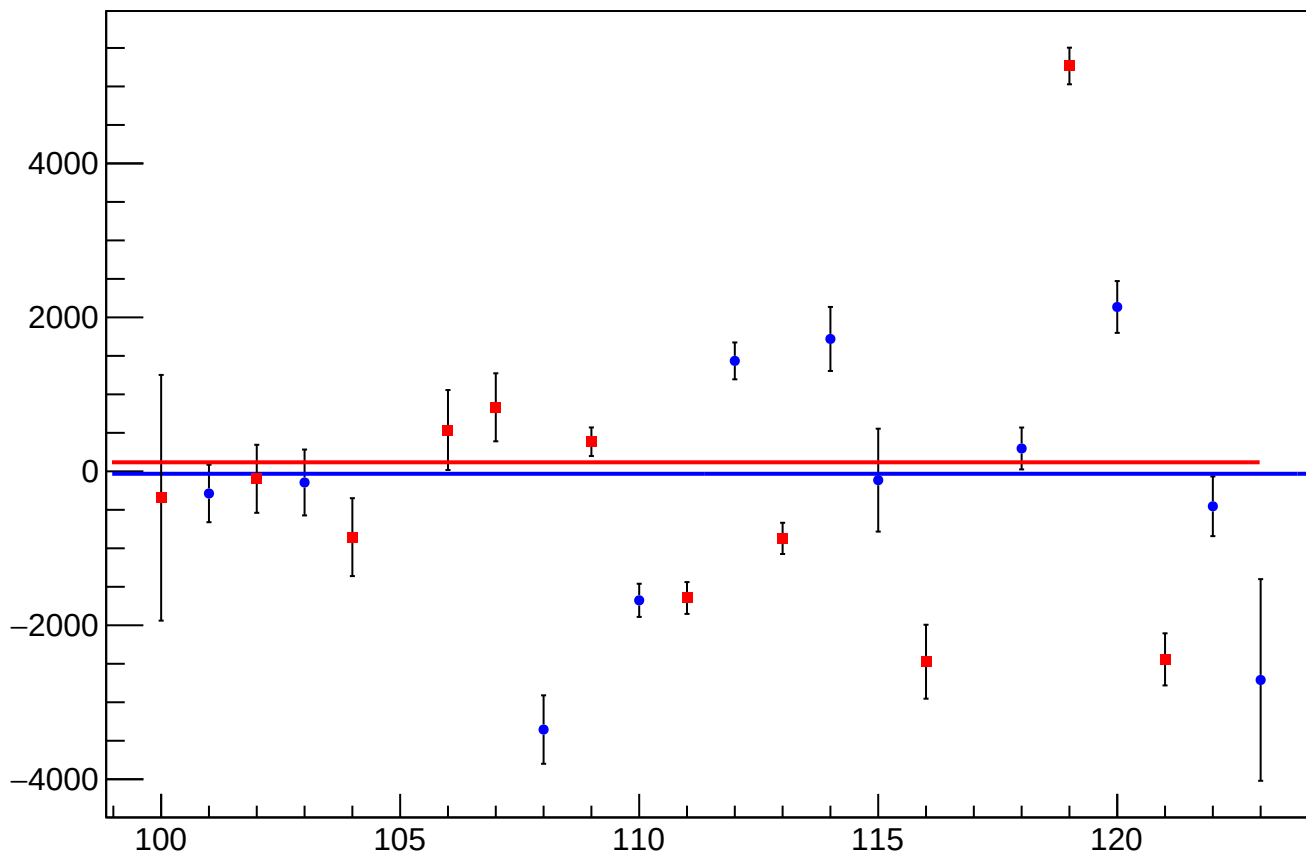
Right: 191.372+/-0.049 χ^2/NDF : 1774740.7/21

In: 201.707+/-0.074 χ^2/NDF : 718413.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.372+/-0.049 χ^2/NDF : 1774740.7/21

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -31.683 ± 102.984 χ^2/NDF : 218.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 117.391 ± 89.204 χ^2/NDF : 660.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

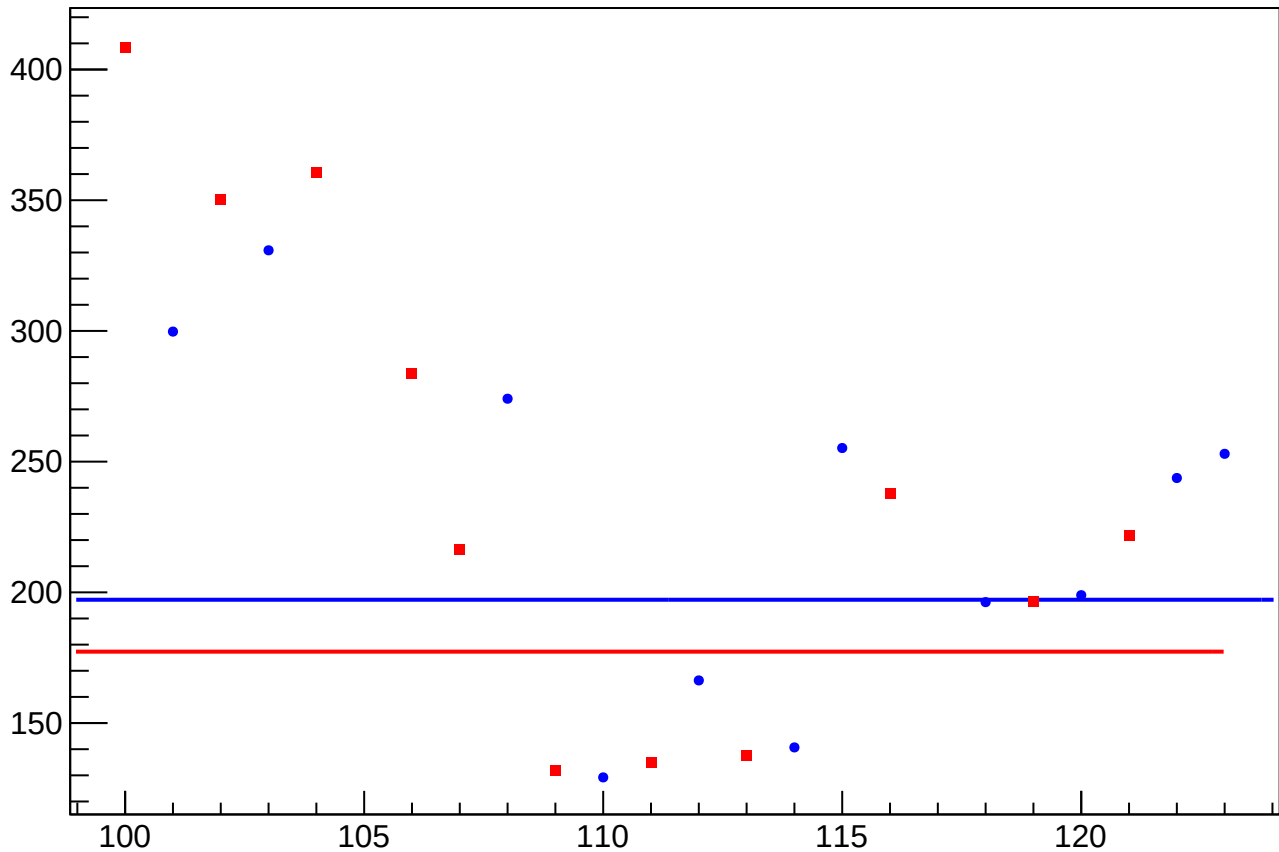
Right: 53.488 ± 67.426 χ^2/NDF : 879.8/21

In: -31.683 ± 102.984 χ^2/NDF : 218.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 53.488 ± 67.426 χ^2/NDF : 879.8/21

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 197.171+/-0.073 χ^2/NDF : 722909.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.316+/-0.063 χ^2/NDF : 1070038.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

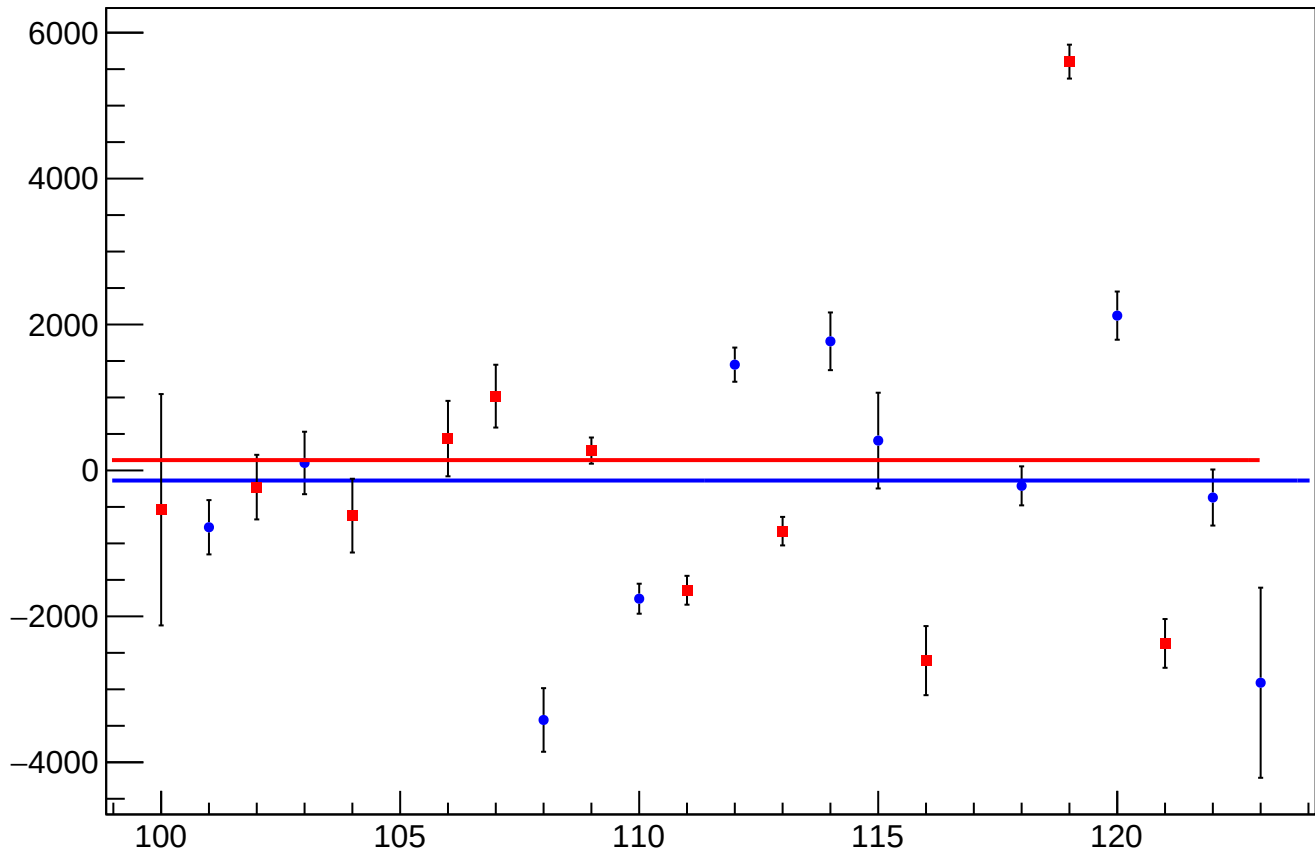
Right: 185.827+/-0.048 χ^2/NDF : 1835423.3/21

In: 197.171+/-0.073 χ^2/NDF : 722909.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.827+/-0.048 χ^2/NDF : 1835423.3/21

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -138.275+/-100.455 χ^2/NDF : 243.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.630+/-86.611 χ^2/NDF : 756.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

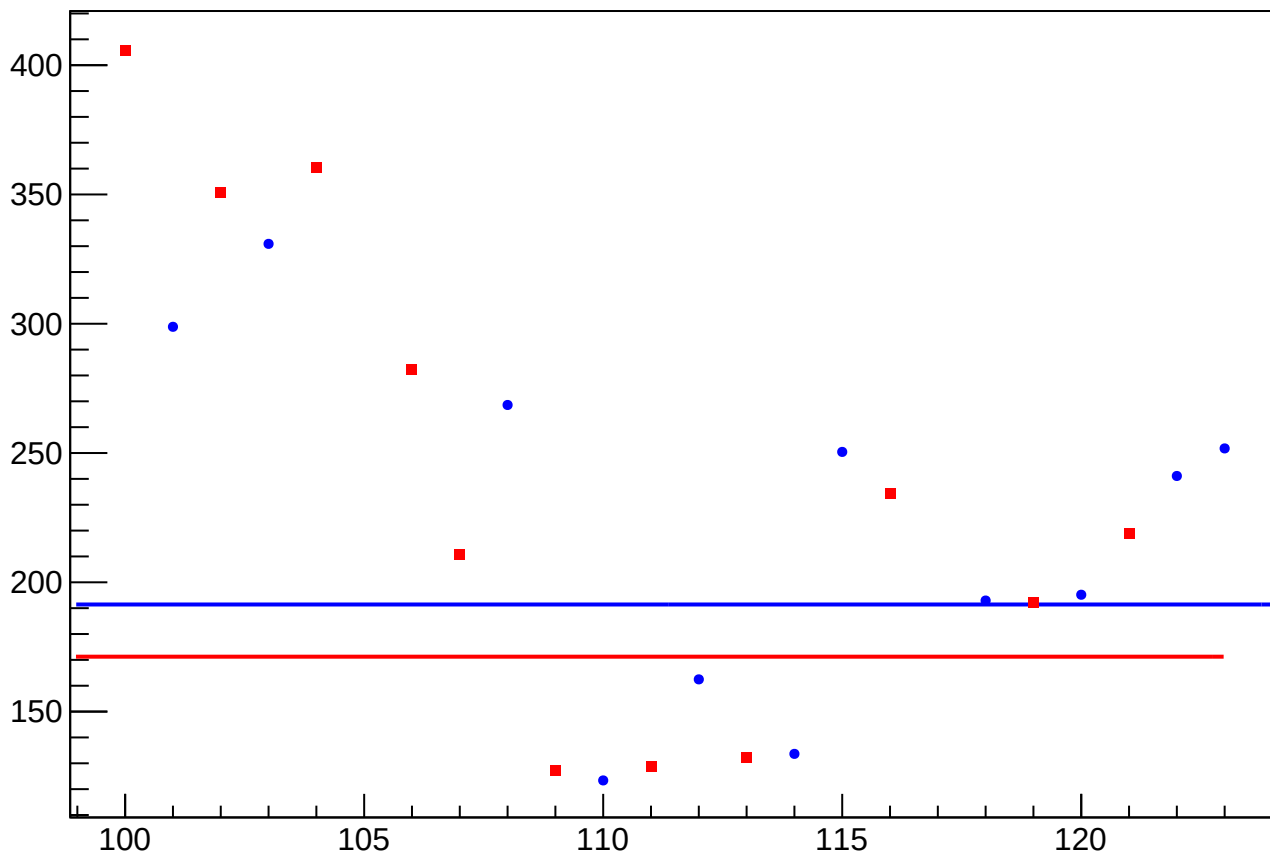
Right: 22.279+/-65.596 χ^2/NDF : 1004.8/21

In: -138.275+/-100.455 χ^2/NDF : 243.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.279+/-65.596 χ^2/NDF : 1004.8/21

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 191.419+/-0.071 χ^2/NDF : 788428.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.235+/-0.061 χ^2/NDF : 1146641.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

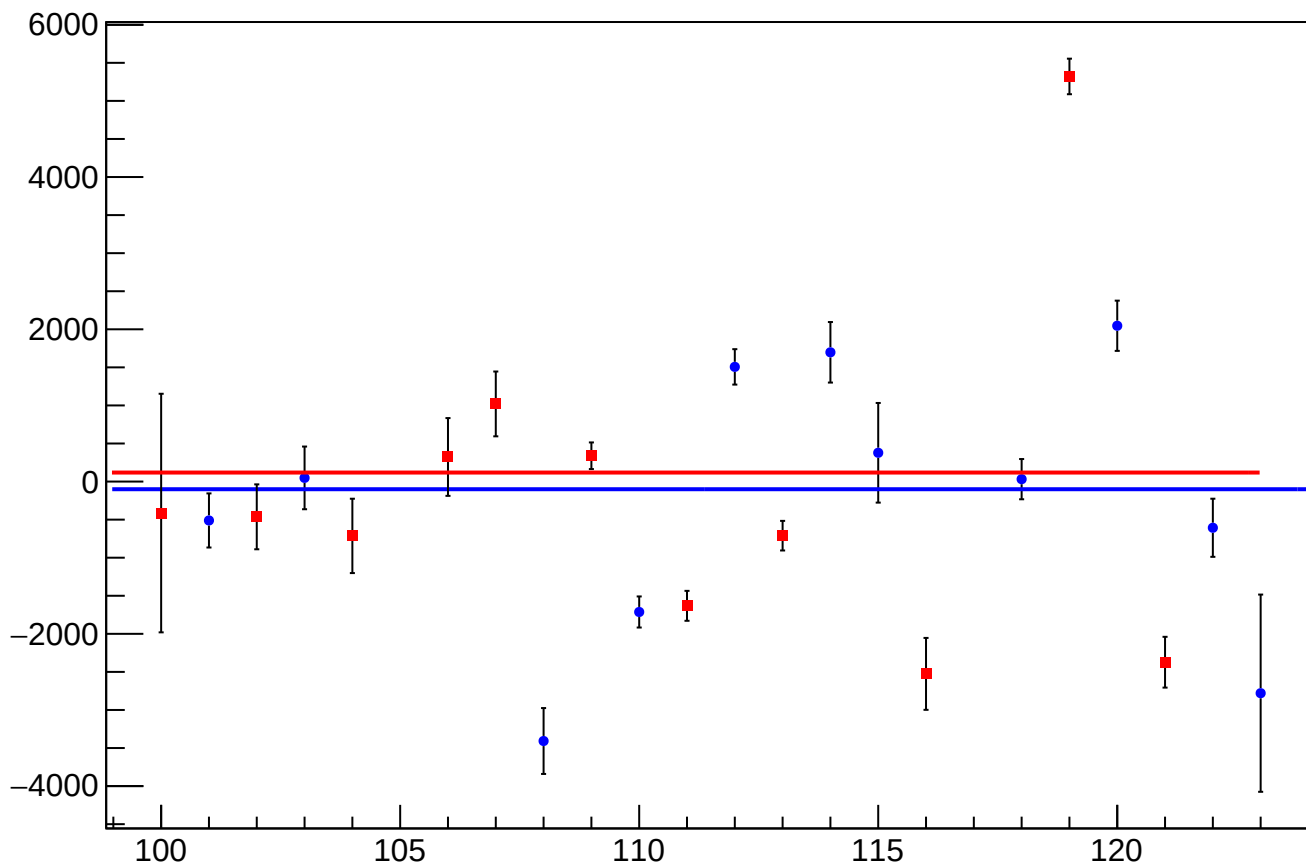
Right: 179.841+/-0.046 χ^2/NDF : 1981388.3/21

In: 191.419+/-0.071 χ^2/NDF : 788428.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.841+/-0.046 χ^2/NDF : 1981388.3/21

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -100.566+/-99.372 χ^2/NDF : 239.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.453+/-85.658 χ^2/NDF : 692.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

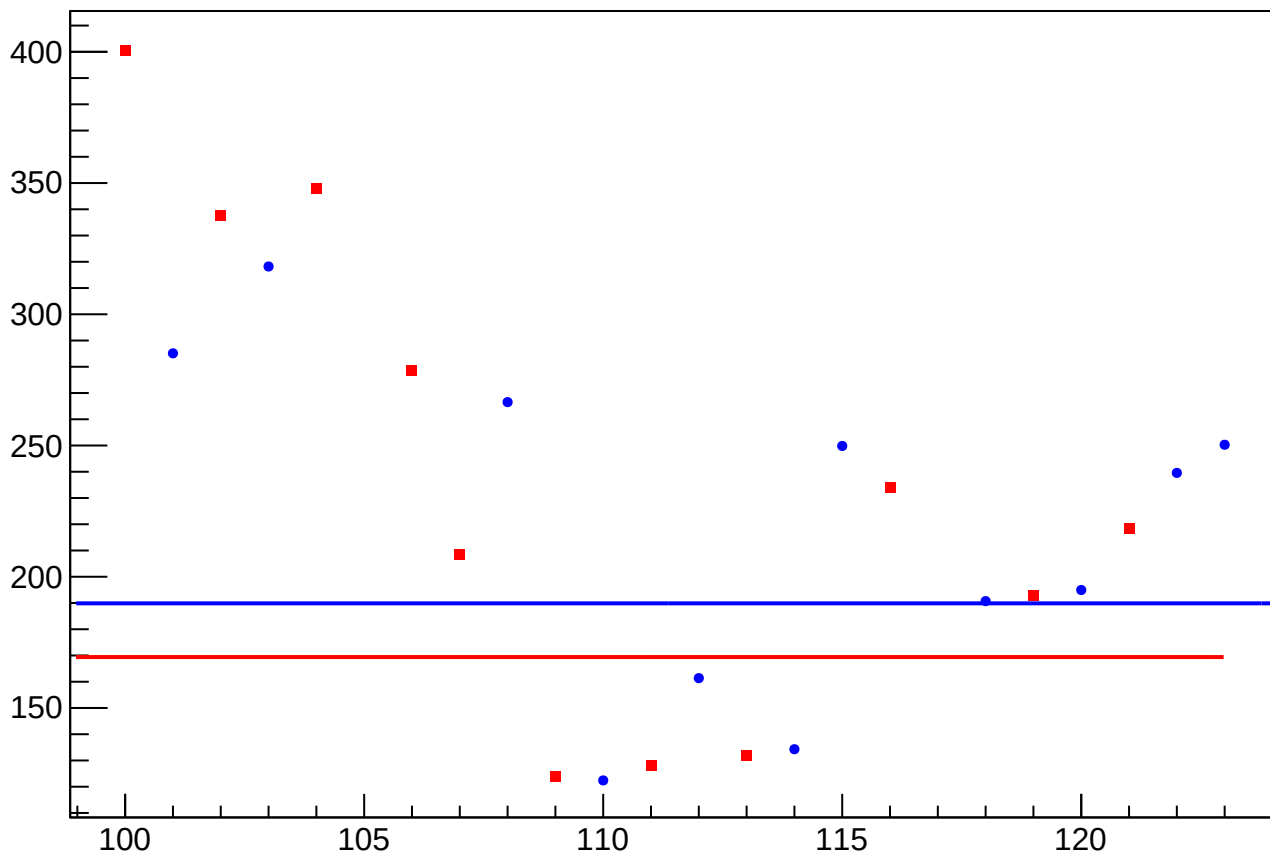
Right: 25.089+/-64.880 χ^2/NDF : 934.7/21

In: -100.566+/-99.372 χ^2/NDF : 239.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.089+/-64.880 χ^2/NDF : 934.7/21

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 189.868+/-0.070 χ^2/NDF : 744099.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.403+/-0.061 χ^2/NDF : 1131073.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

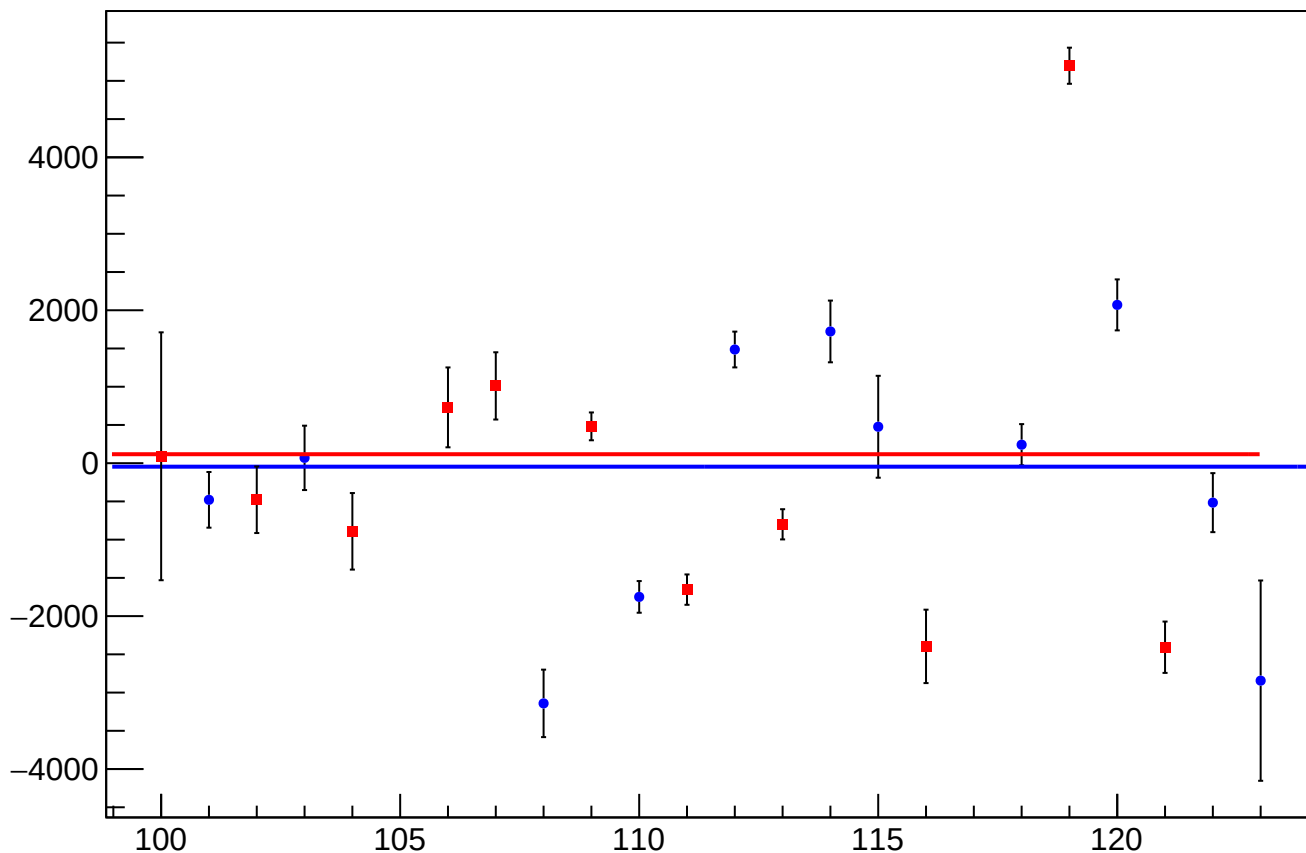
Right: 178.127+/-0.046 χ^2/NDF : 1923835.0/21

In: 189.868+/-0.070 χ^2/NDF :744099.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.127+/-0.046 χ^2/NDF : 1923835.0/21

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -45.684+/-100.841 χ^2/NDF : 228.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.321+/-87.435 χ^2/NDF : 663.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

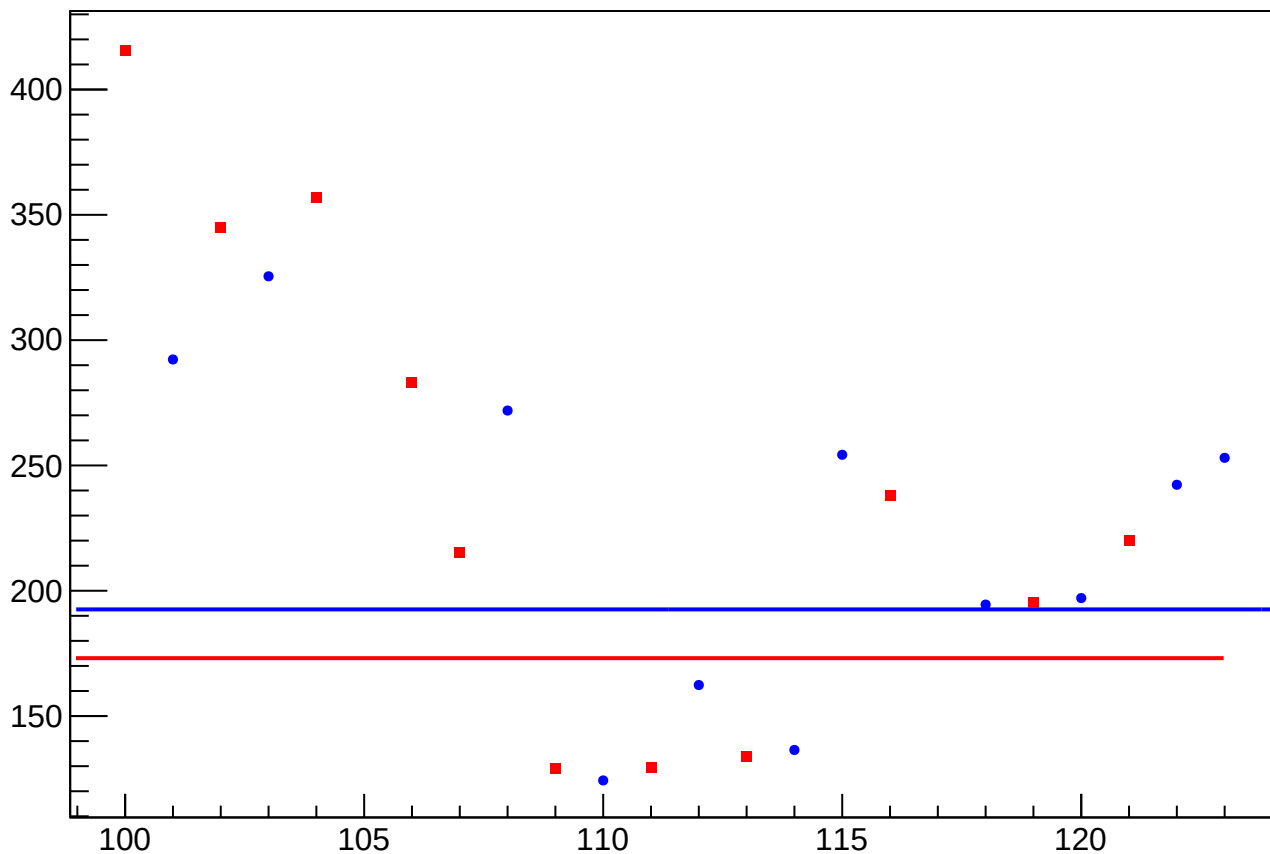
Right: 47.367+/-66.061 χ^2/NDF : 893.0/21

In: -45.684+/-100.841 χ^2/NDF : 228.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.367+/-66.061 χ^2/NDF : 893.0/21

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 192.556+/-0.071 χ^2/NDF : 758138.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.105+/-0.062 χ^2/NDF : 1118269.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

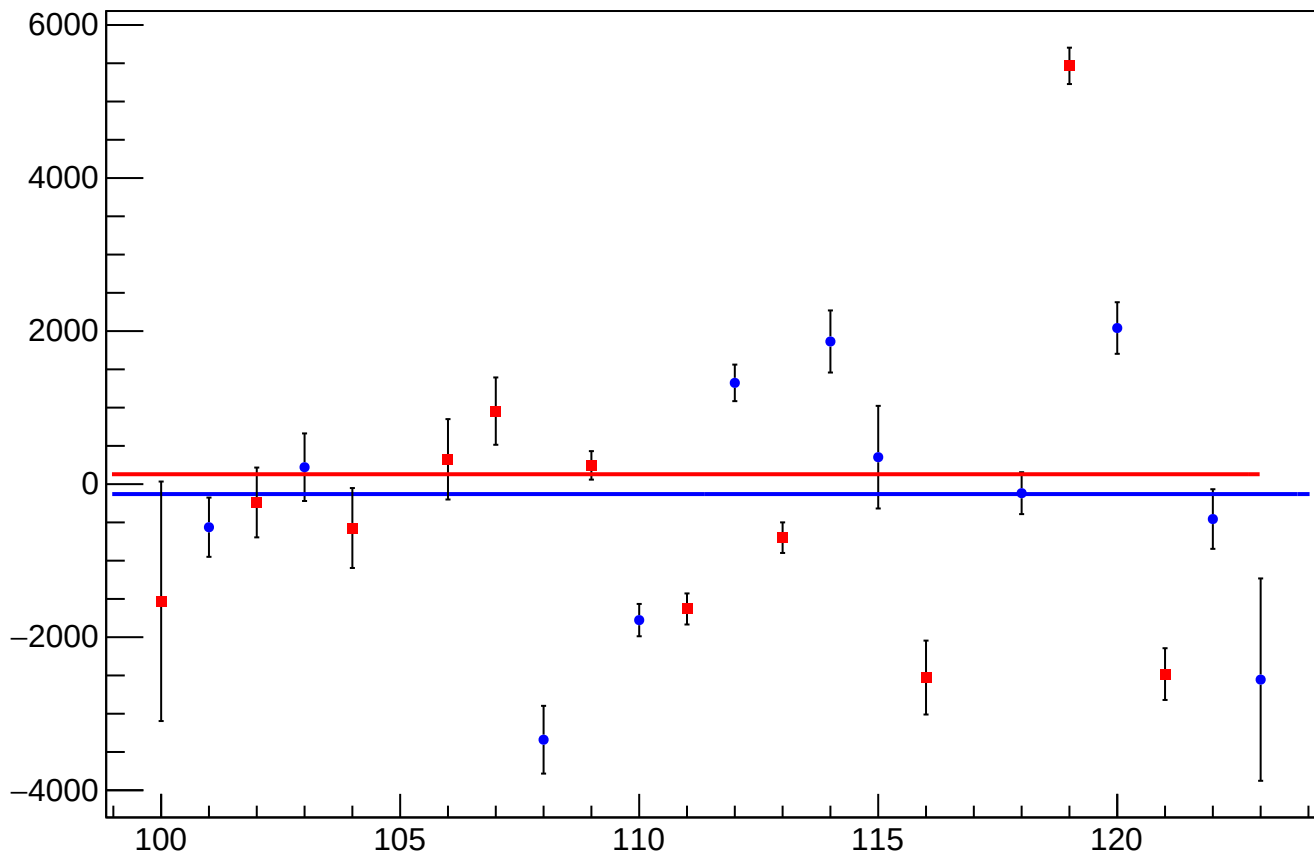
Right: 181.452+/-0.047 χ^2/NDF : 1918887.5/21

In: 192.556+/-0.071 χ^2/NDF : 758138.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.452+/-0.047 χ^2/NDF : 1918887.5/21

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -129.733+/-102.886 χ^2/NDF : 222.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.591+/-88.887 χ^2/NDF : 694.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

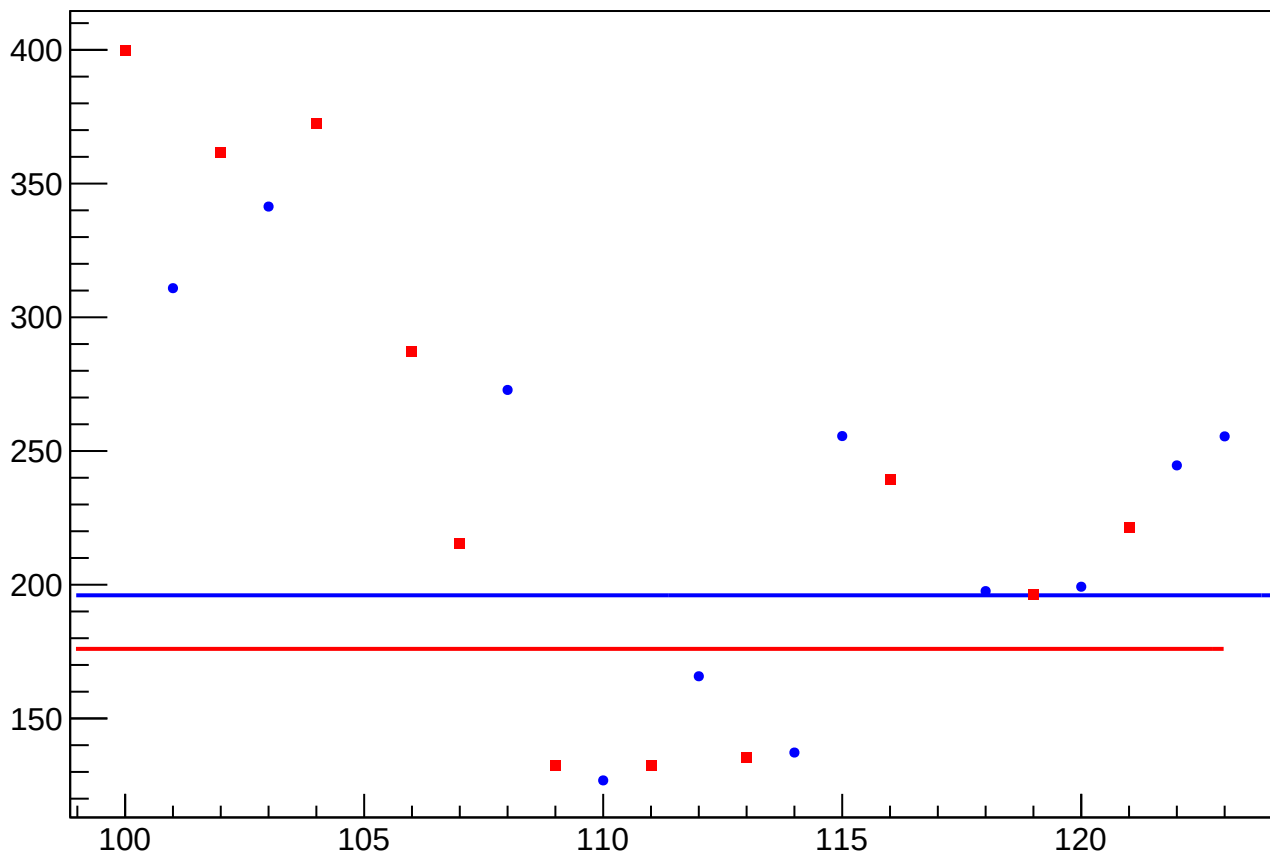
Right: 18.759+/-67.262 χ^2/NDF : 920.2/21

In: -129.733+/-102.886 χ^2/NDF : 222.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.759+/-67.262 χ^2/NDF : 920.2/21

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 196.044+/-0.073 χ^2/NDF : 793061.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.014+/-0.063 χ^2/NDF : 1131542.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

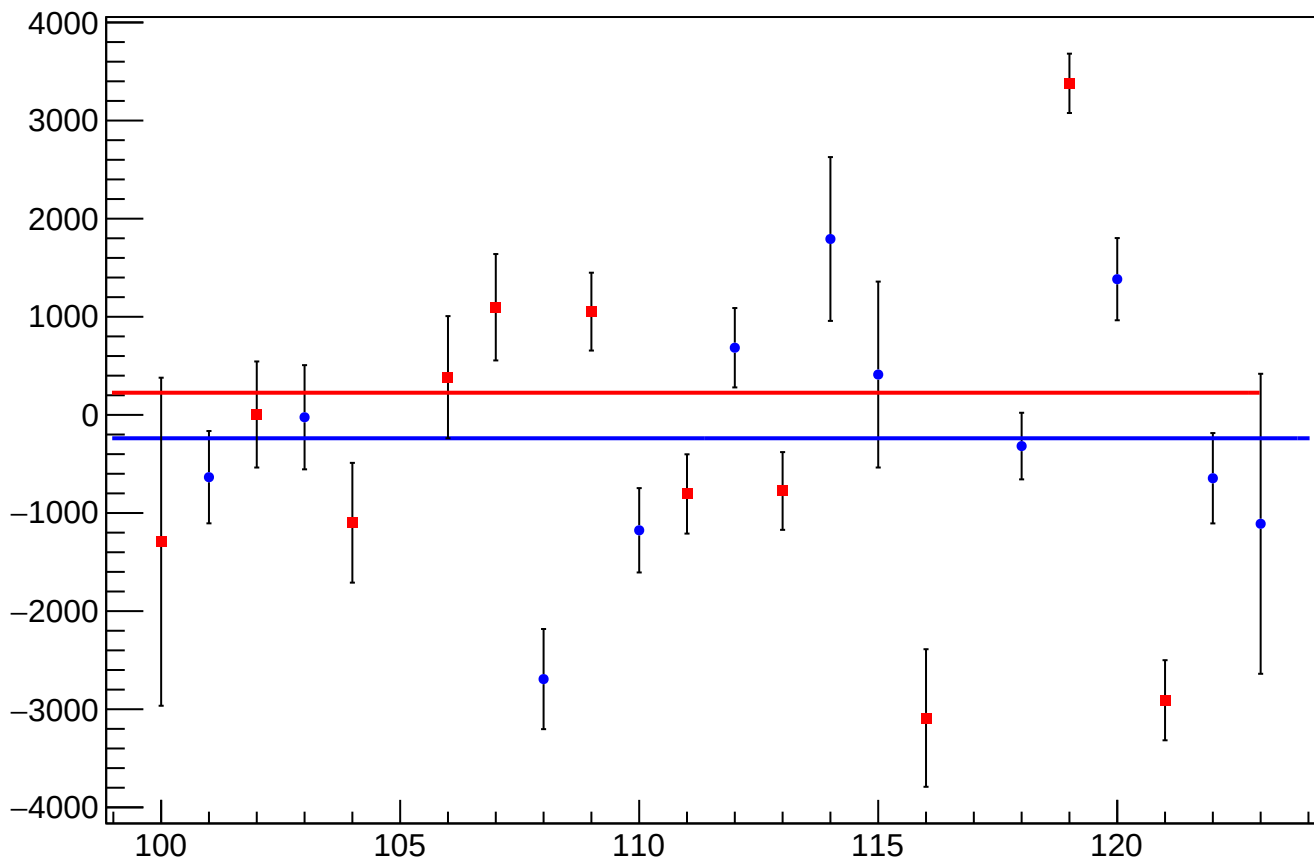
Right: 184.575+/-0.048 χ^2/NDF : 1968012.1/21

In: 196.044+/-0.073 χ^2/NDF : 793061.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.575+/-0.048 χ^2/NDF : 1968012.1/21

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -238.185+/-148.259 χ^2/NDF : 56.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.025+/-141.054 χ^2/NDF : 215.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

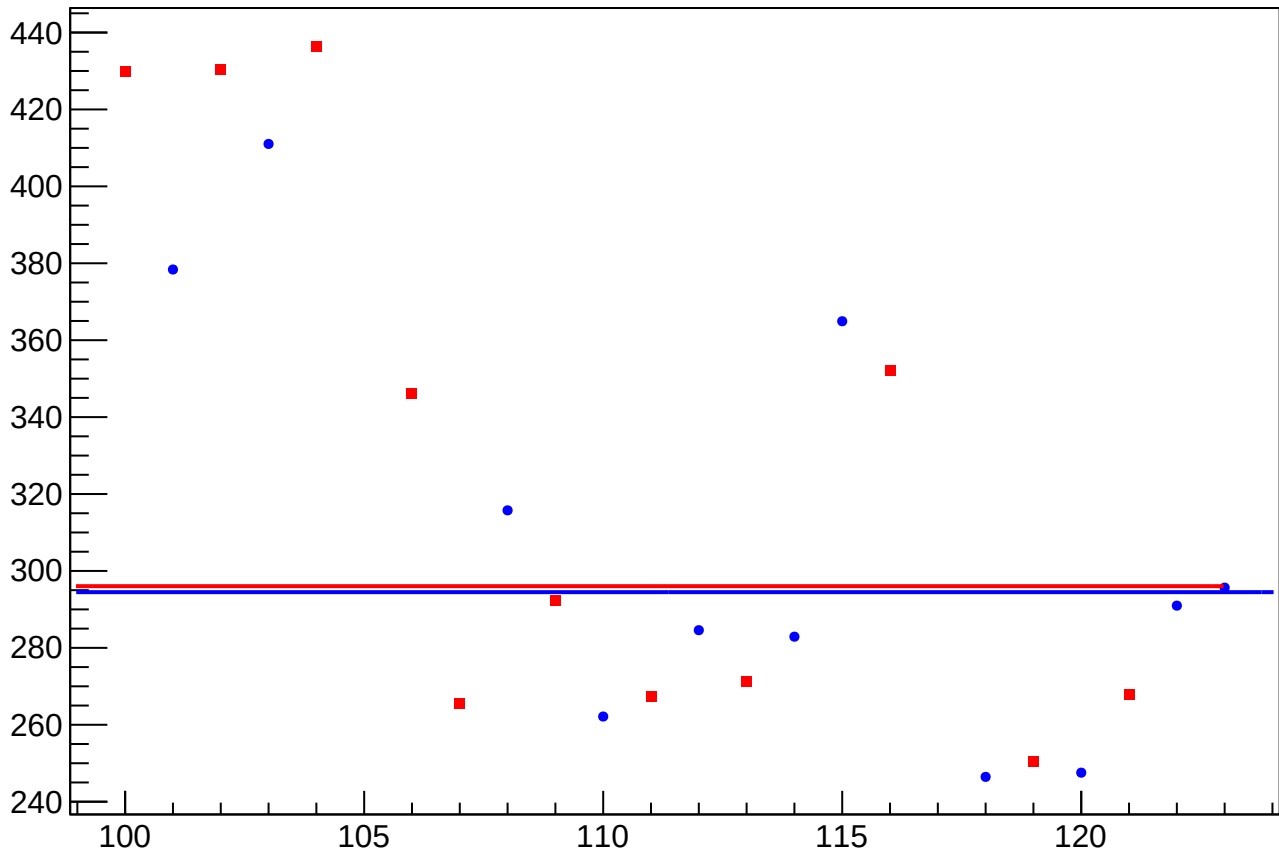
Right: 5.473+/-102.193 χ^2/NDF : 277.2/21

In: -238.185+/-148.259 χ^2/NDF : 56.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.473+/-102.193 χ^2/NDF : 277.2/21

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 294.486+/-0.105 χ^2/NDF : 252635.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 296.040+/-0.100 χ^2/NDF : 347299.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

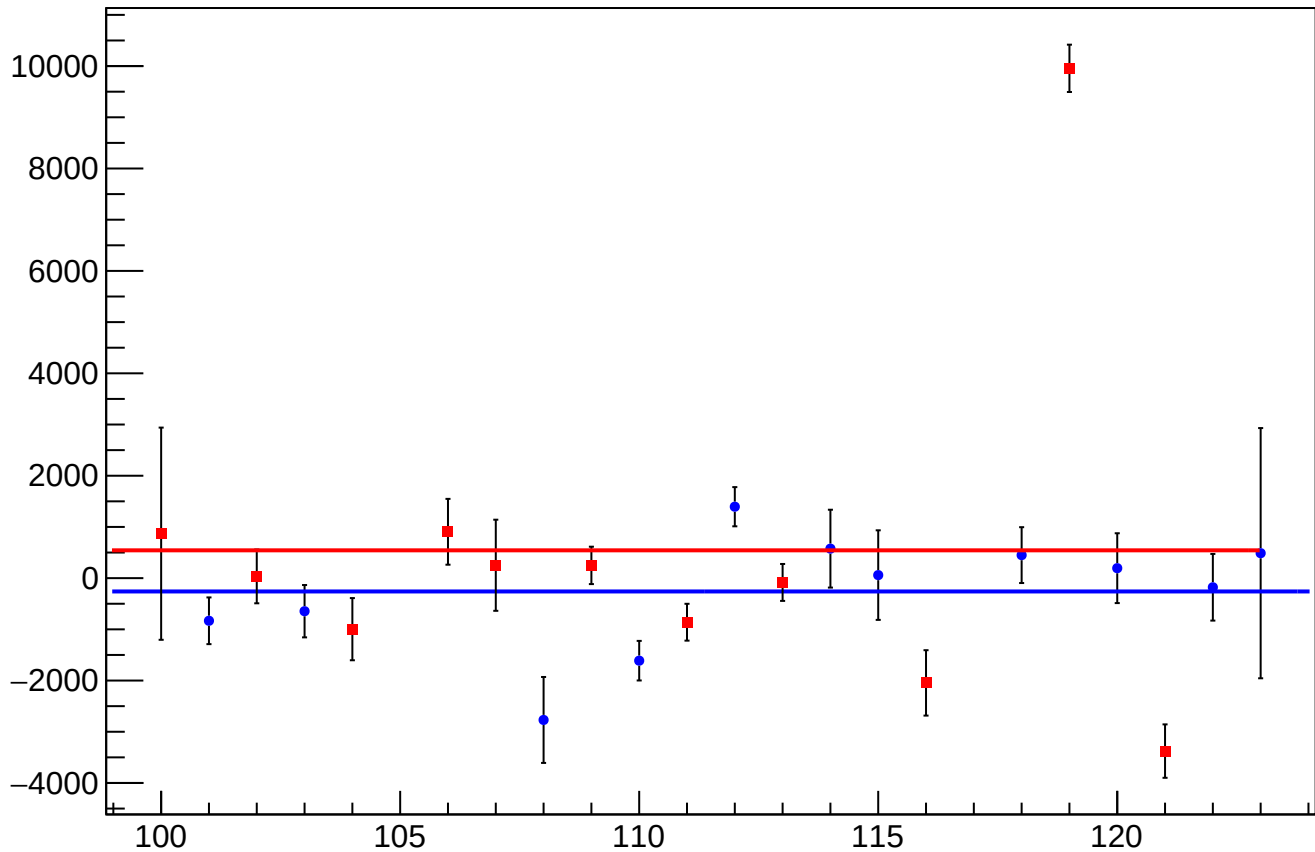
Right: 295.302+/-0.072 χ^2/NDF : 600050.7/21

In: 294.486+/-0.105 χ^2/NDF : 252635.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.302+/-0.072 χ^2/NDF : 600050.7/21

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -259.979+/-169.874 χ^2/NDF : 45.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.164+/-150.770 χ^2/NDF : 514.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

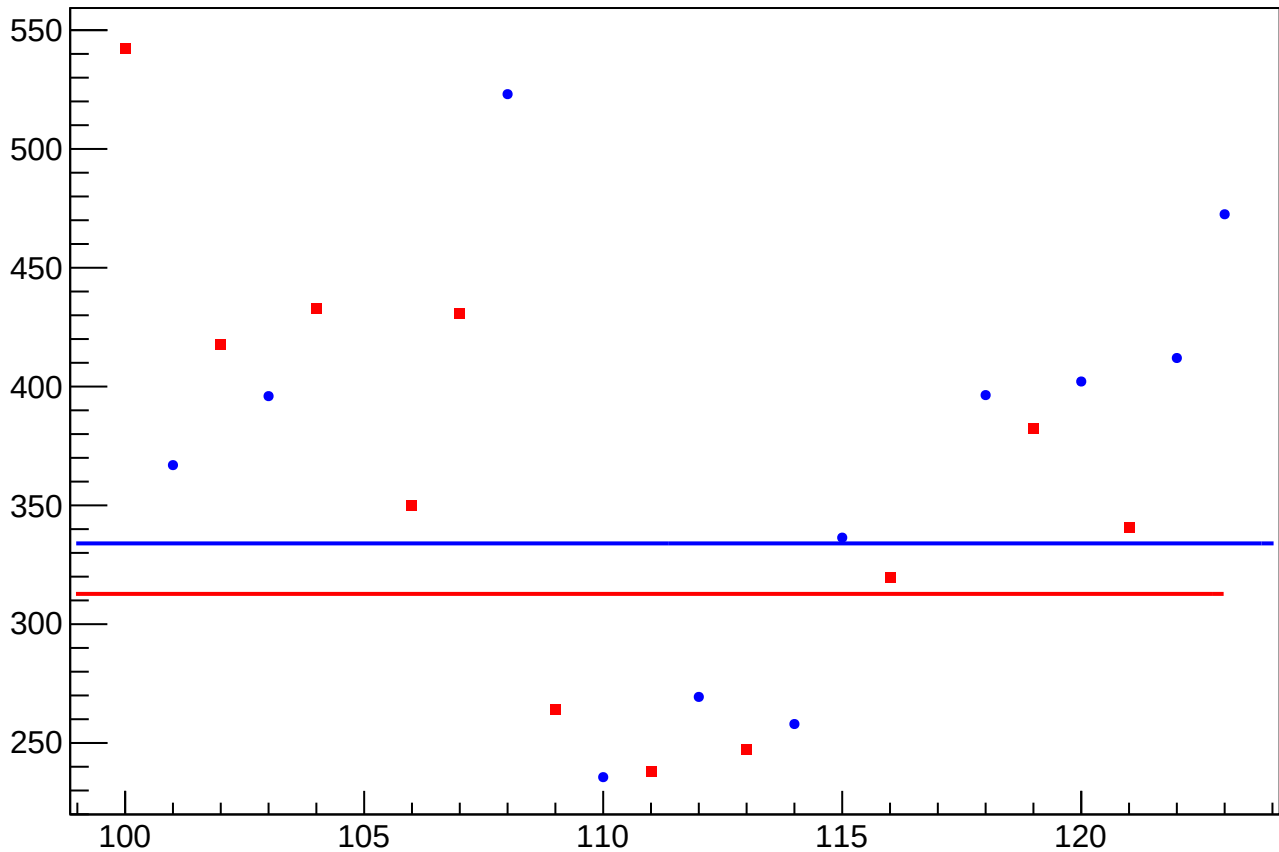
Right: 189.275+/-112.762 χ^2/NDF : 572.7/21

In: -259.979+/-169.874 χ^2/NDF : 45.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.275+/-112.762 χ^2/NDF : 572.7/21

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 333.994+/-0.120 χ^2/NDF : 429245.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.743+/-0.107 χ^2/NDF : 464422.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

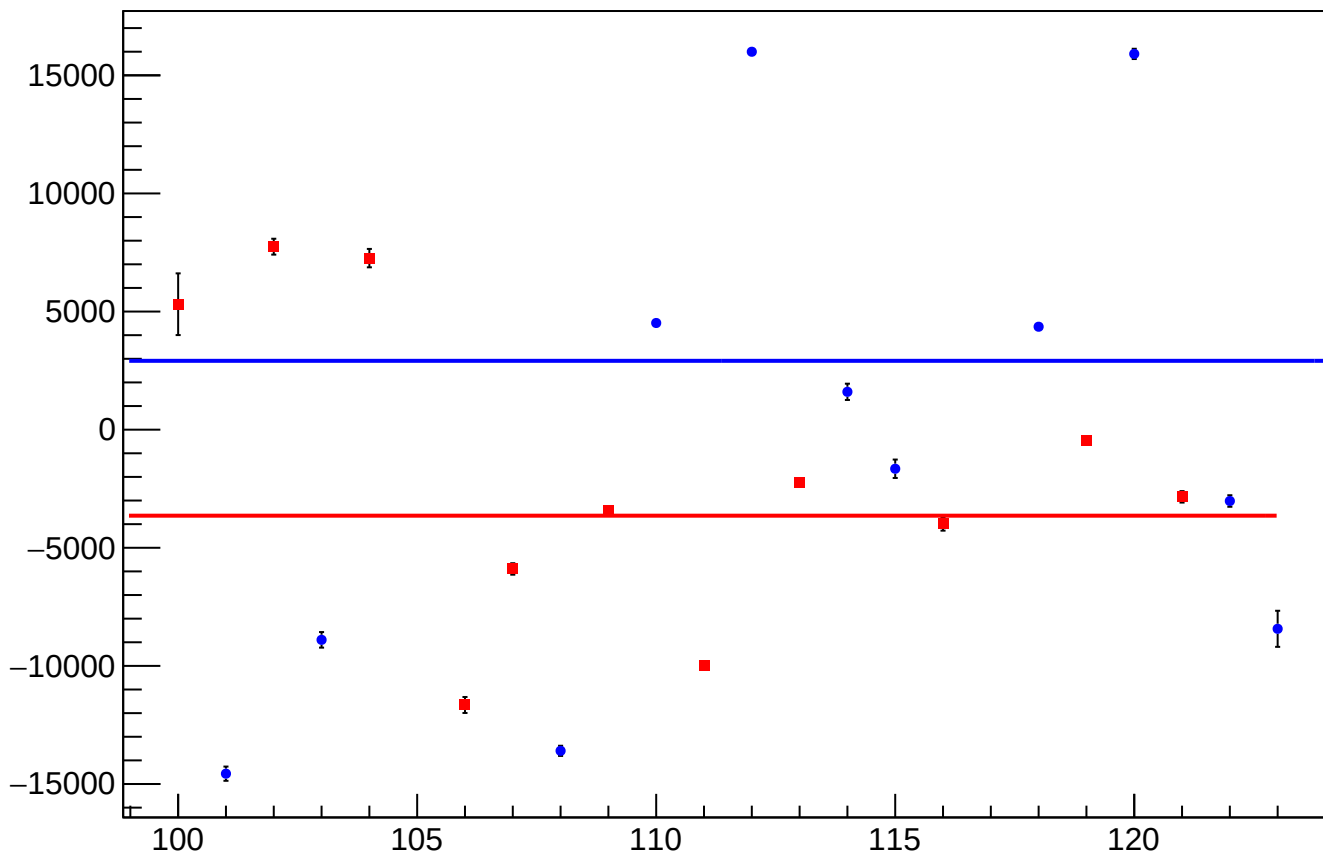
Right: 322.107+/-0.080 χ^2/NDF : 911175.9/21

In: 333.994+/-0.120 χ^2/NDF : 429245.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.107+/-0.080 χ^2/NDF : 911175.9/21

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2914.267+/-70.882 χ^2/NDF : 20997.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3641.035+/-66.361 χ^2/NDF : 4749.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

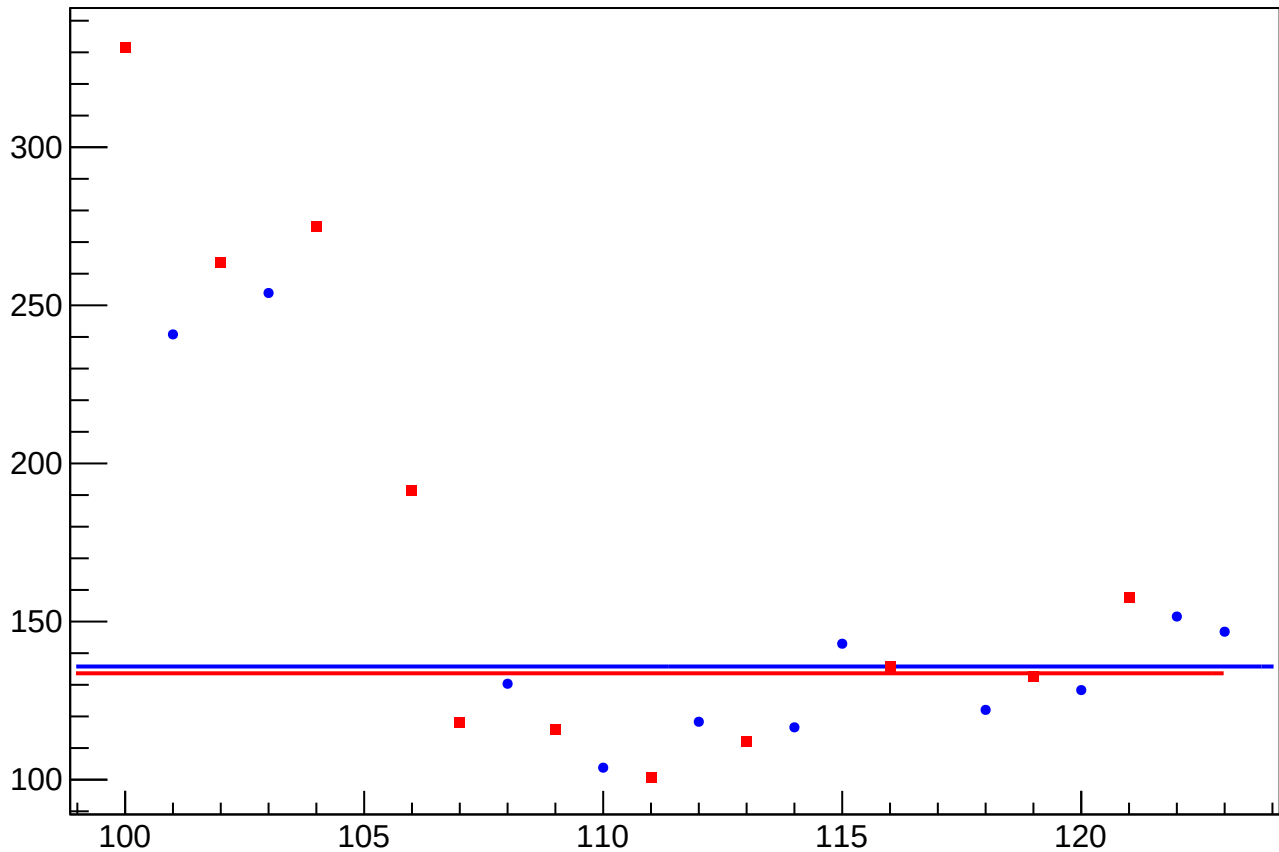
Right: -579.085+/-48.444 χ^2/NDF : 30304.6/21

In: 2914.267+/-70.882 χ^2/NDF : 20997.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -579.085+/-48.444 χ^2/NDF : 30304.6/21

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.791+/-0.050 χ^2/NDF : 621724.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.639+/-0.047 χ^2/NDF : 842533.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

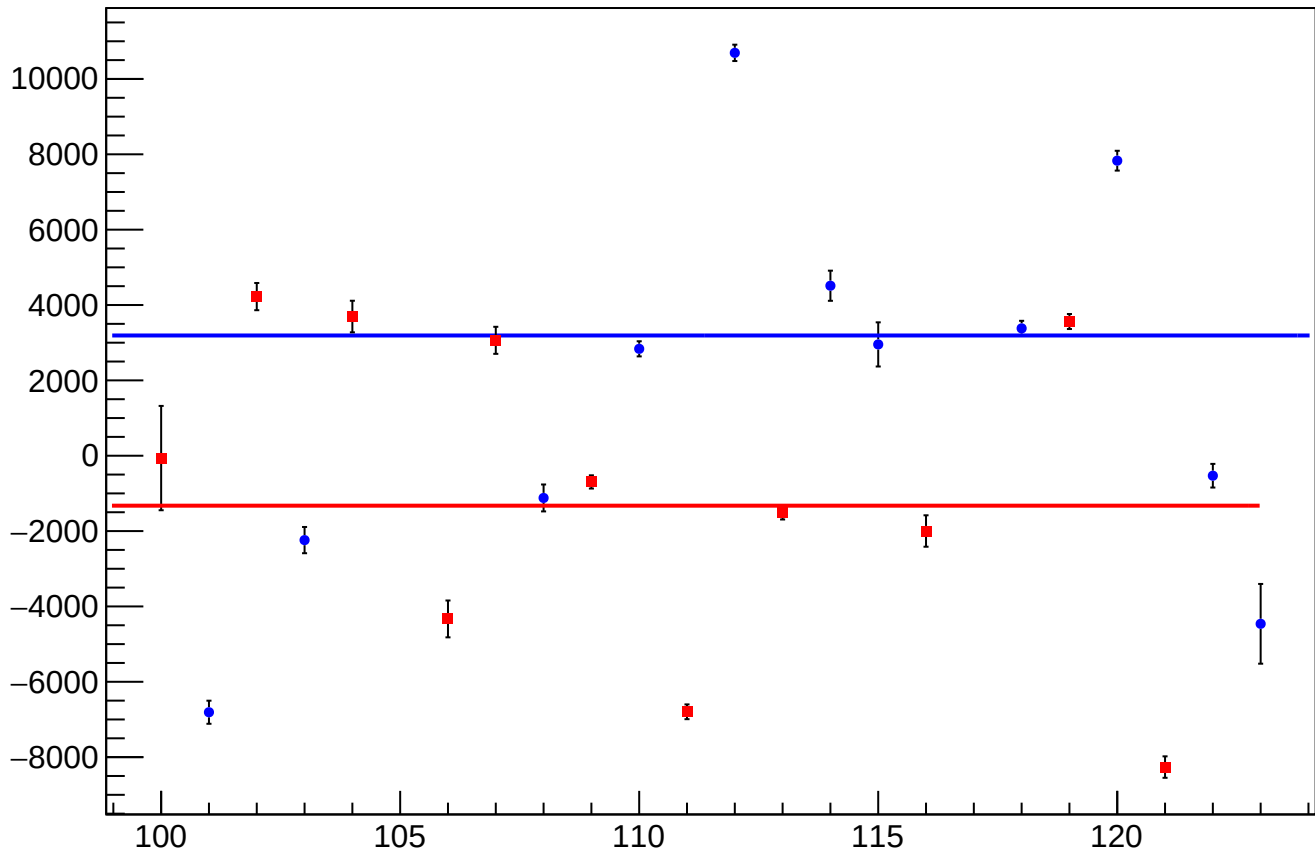
Right: 134.644+/-0.034 χ^2/NDF : 1465239.7/21

In: 135.791+/-0.050 χ^2/NDF :621724.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.644+/-0.034 χ^2/NDF : 1465239.7/21

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3191.375+/-86.957 χ^2 /NDF: 3165.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1325.699+/-79.808 χ^2 /NDF: 2559.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

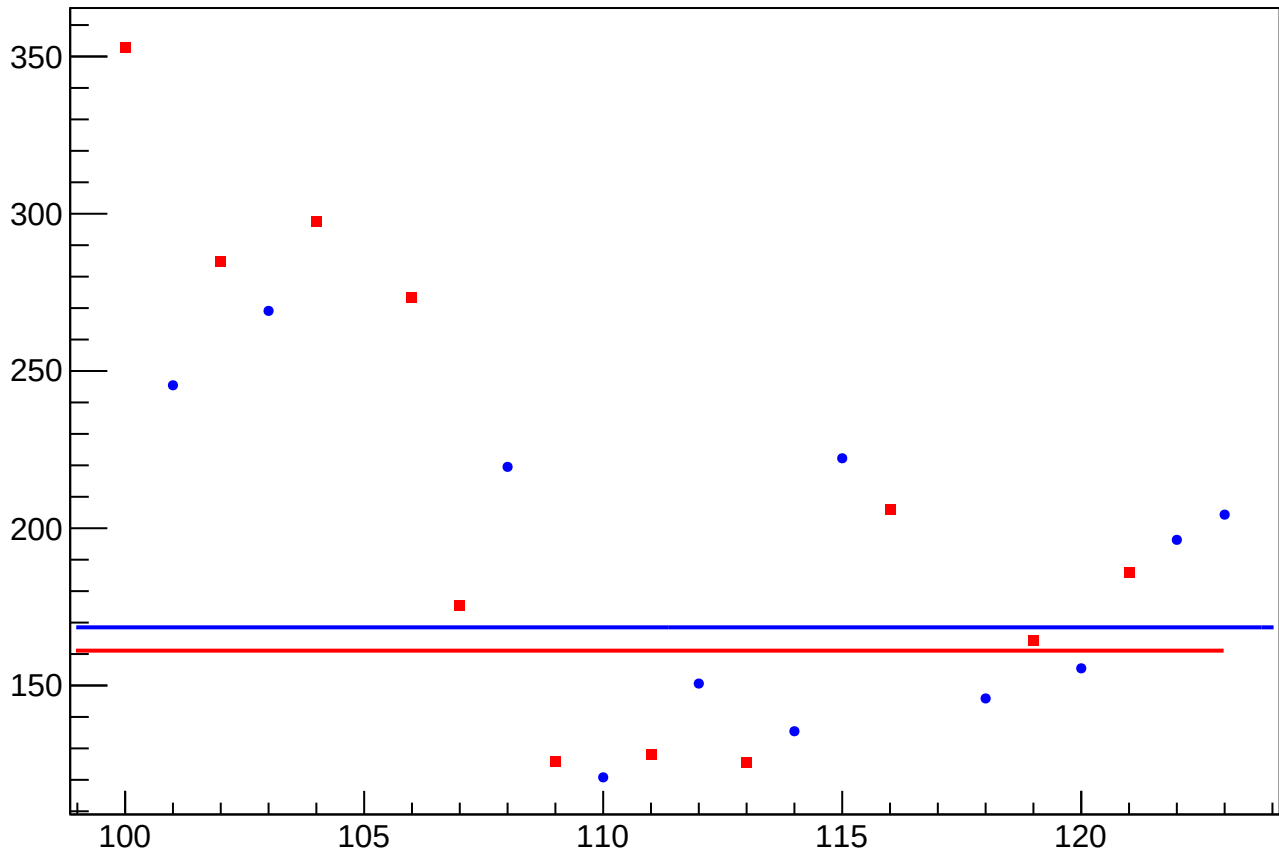
Right: 739.565+/-58.798 χ^2 /NDF: 7189.6/21

In: 3191.375+/-86.957 χ^2 /NDF:3165.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 739.565+/-58.798 χ^2 /NDF: 7189.6/21

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.491+/-0.061 χ^2/NDF : 539078.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.082+/-0.056 χ^2/NDF : 844428.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

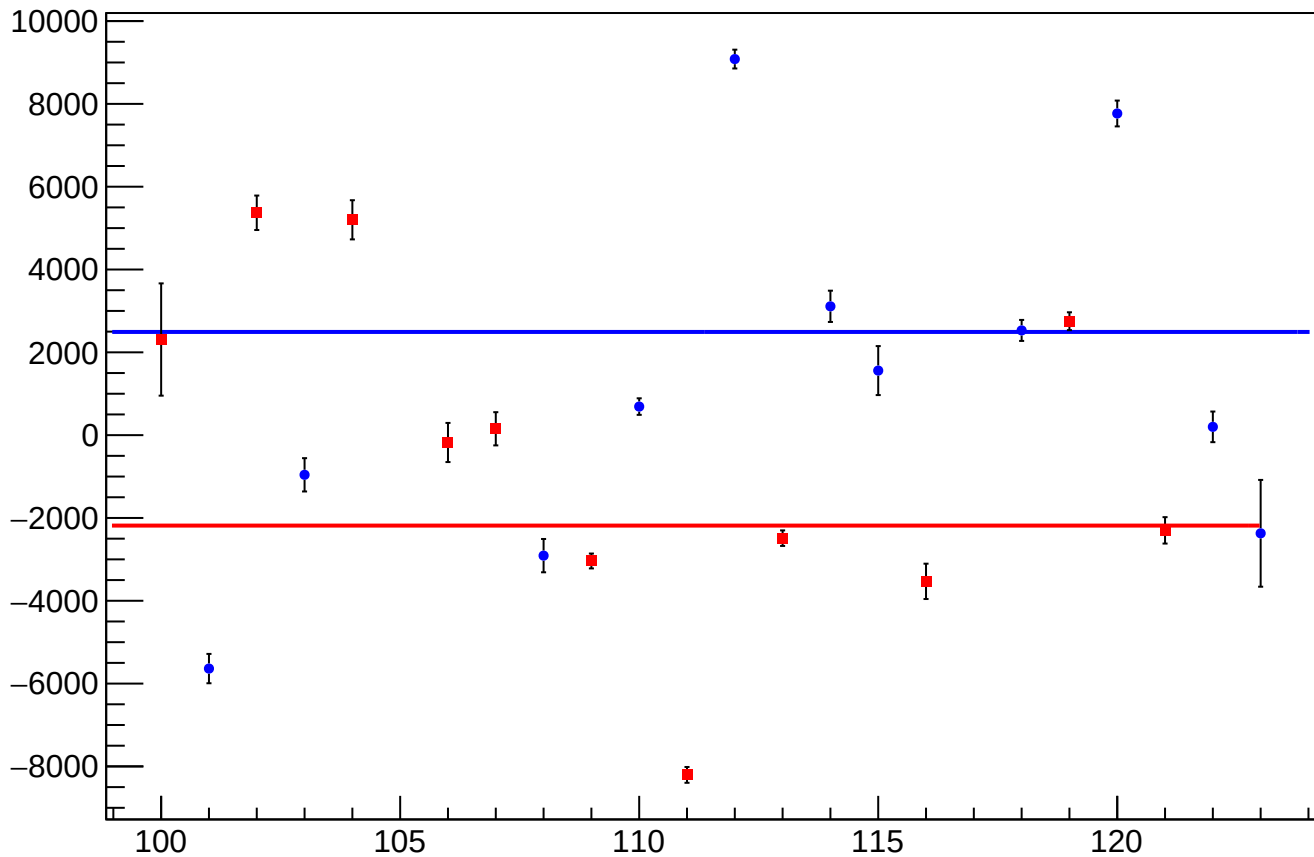
Right: 164.470+/-0.042 χ^2/NDF : 1391389.1/21

In: 168.491+/-0.061 χ^2/NDF : 539078.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.470+/-0.042 χ^2/NDF : 1391389.1/21

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2492.390+/-96.047 χ^2/NDF : 2048.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2184.180+/-83.008 χ^2/NDF : 2190.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

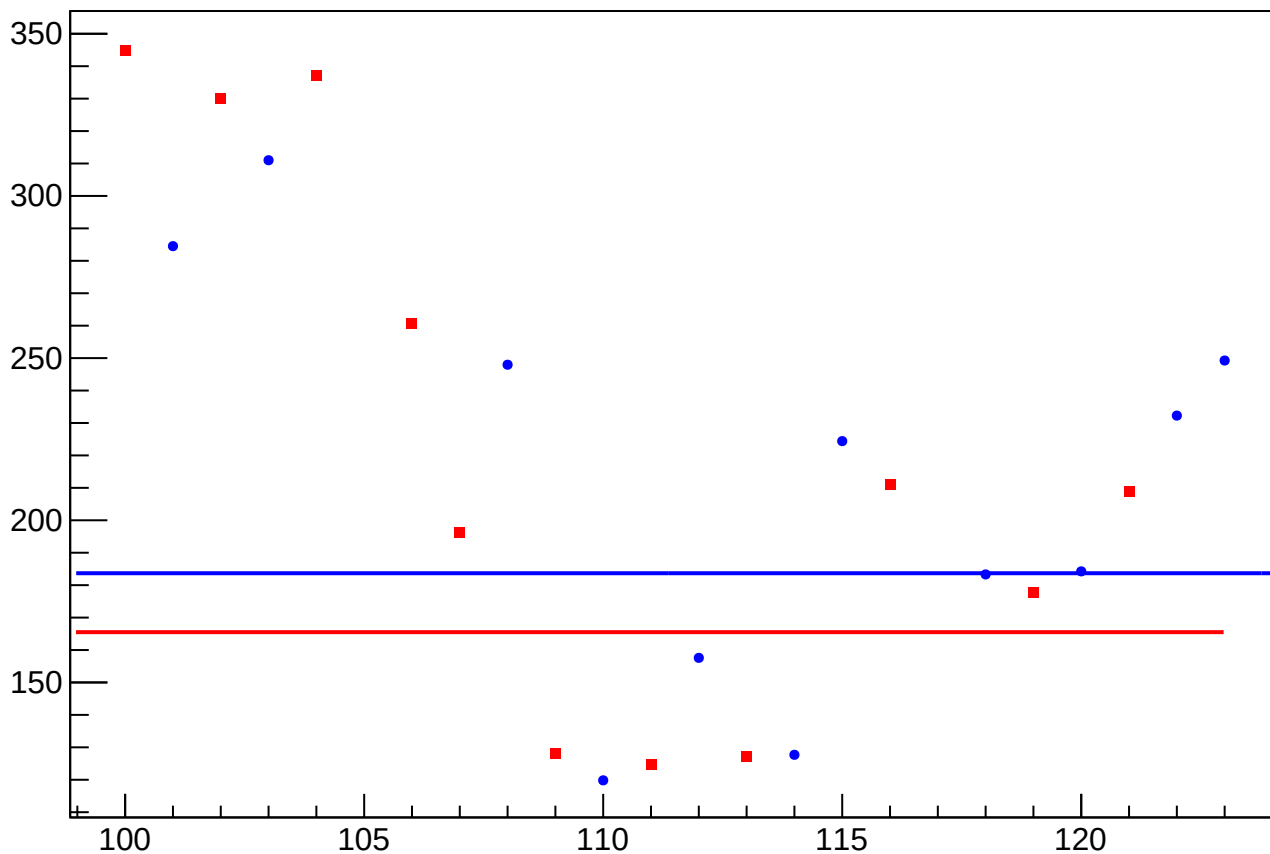
Right: -184.645+/-62.804 χ^2/NDF : 5595.6/21

In: 2492.390+/-96.047 χ^2/NDF : 2048.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.645+/-62.804 χ^2/NDF : 5595.6/21

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.678+/-0.068 χ^2/NDF : 737473.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.509+/-0.059 χ^2/NDF : 1032440.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

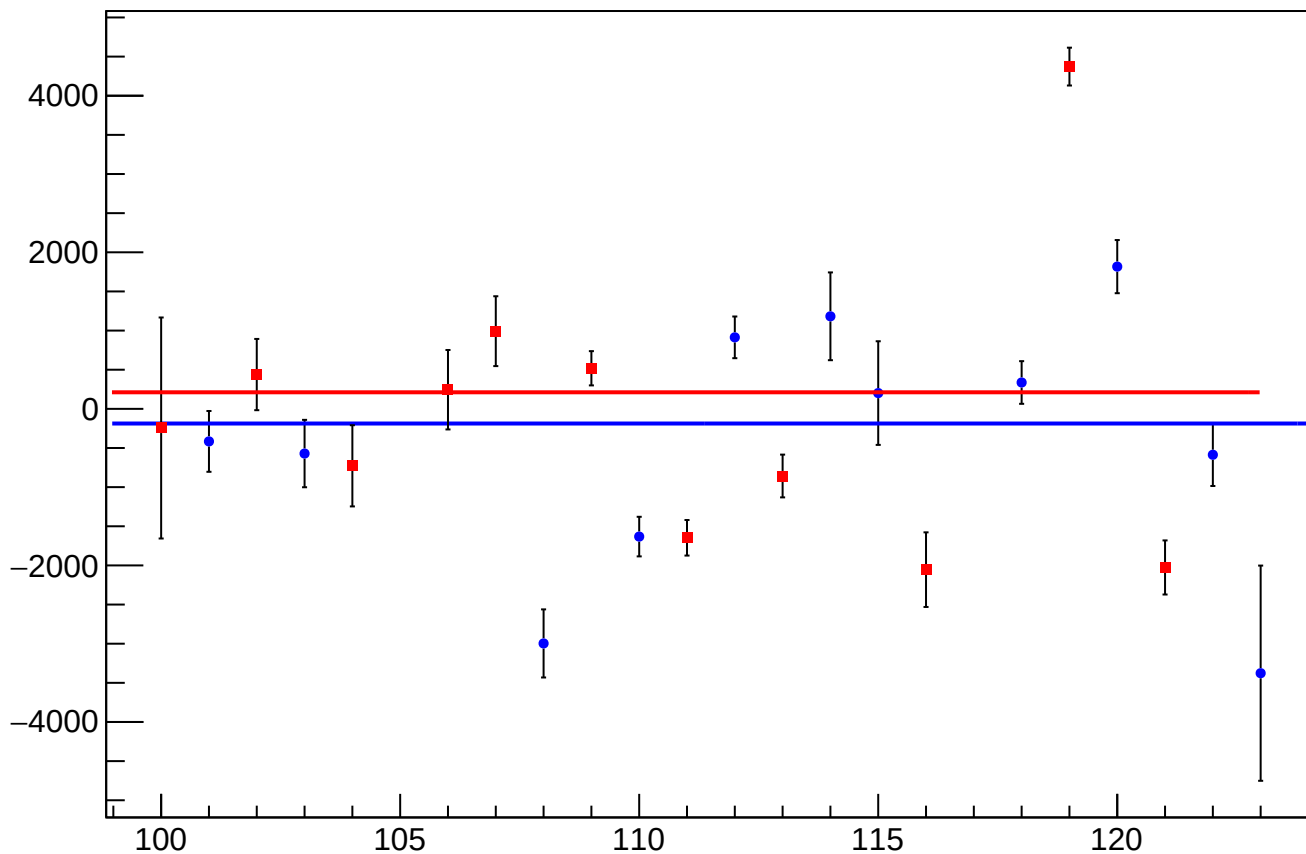
Right: 173.277+/-0.044 χ^2/NDF : 1810884.4/21

In: 183.678+/-0.068 χ^2/NDF : 737473.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.277+/-0.044 χ^2/NDF : 1810884.4/21

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -187.299+/-110.790 χ^2/NDF : 143.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.575+/-99.245 χ^2/NDF : 451.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

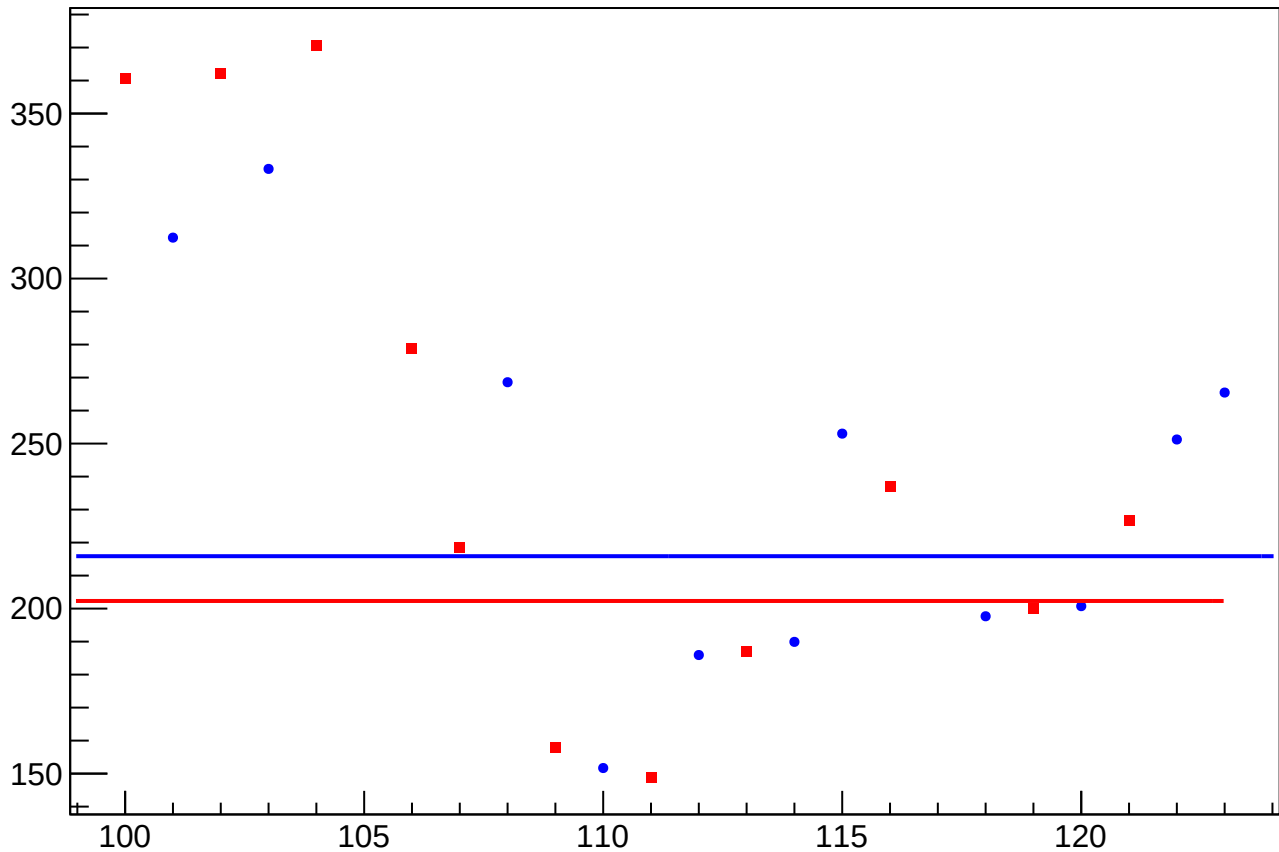
Right: 33.998+/-73.923 χ^2/NDF : 602.9/21

In: -187.299+/-110.790 χ^2/NDF : 143.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.998+/-73.923 χ^2/NDF : 602.9/21

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 215.877+/-0.078 χ^2/NDF : 497463.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.308+/-0.070 χ^2/NDF : 749990.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

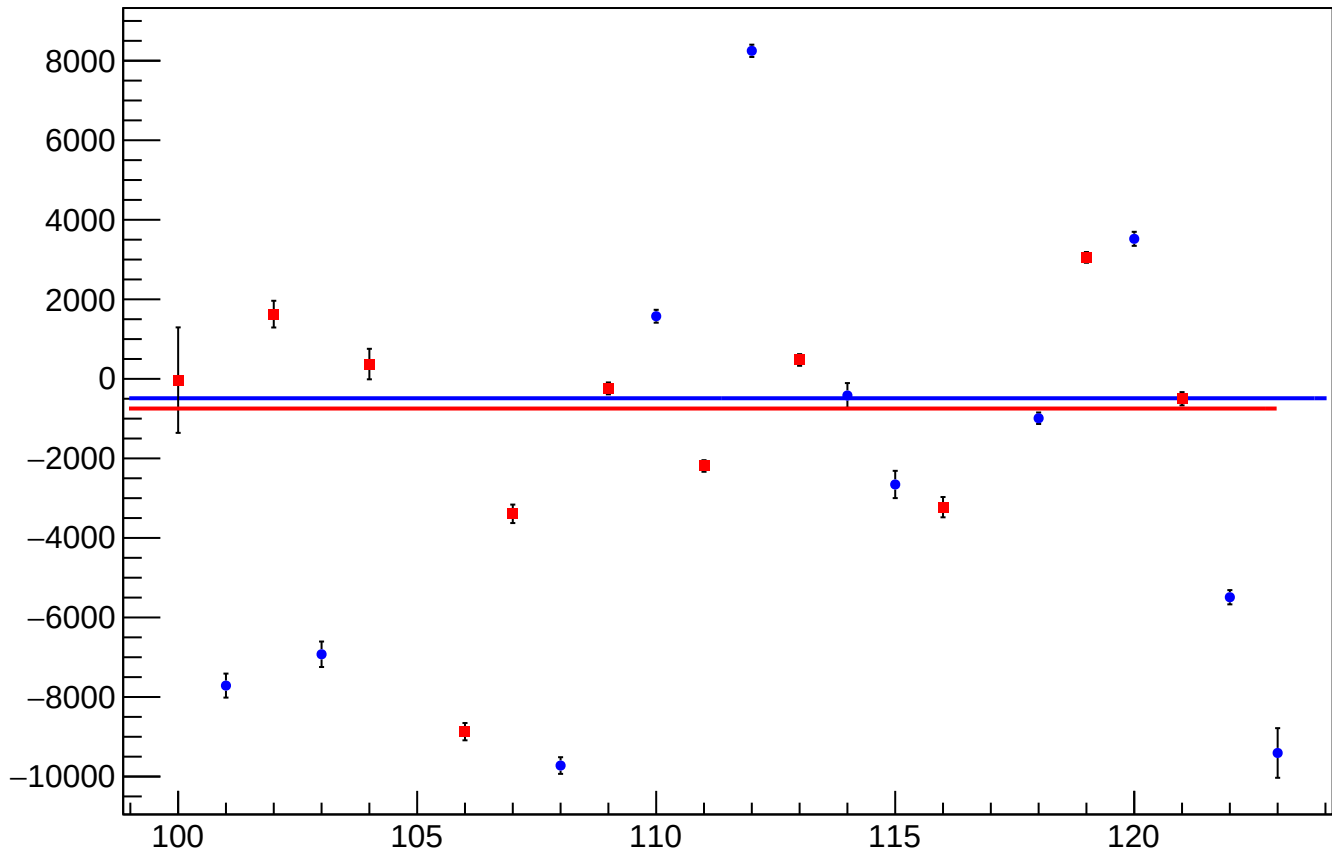
Right: 208.349+/-0.052 χ^2/NDF : 1264097.6/21

In: 215.877+/-0.078 χ^2/NDF : 497463.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.349+/-0.052 χ^2/NDF : 1264097.6/21

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -487.543+/-62.507 χ^2/NDF : 7820.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -746.099+/-57.683 χ^2/NDF : 2656.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

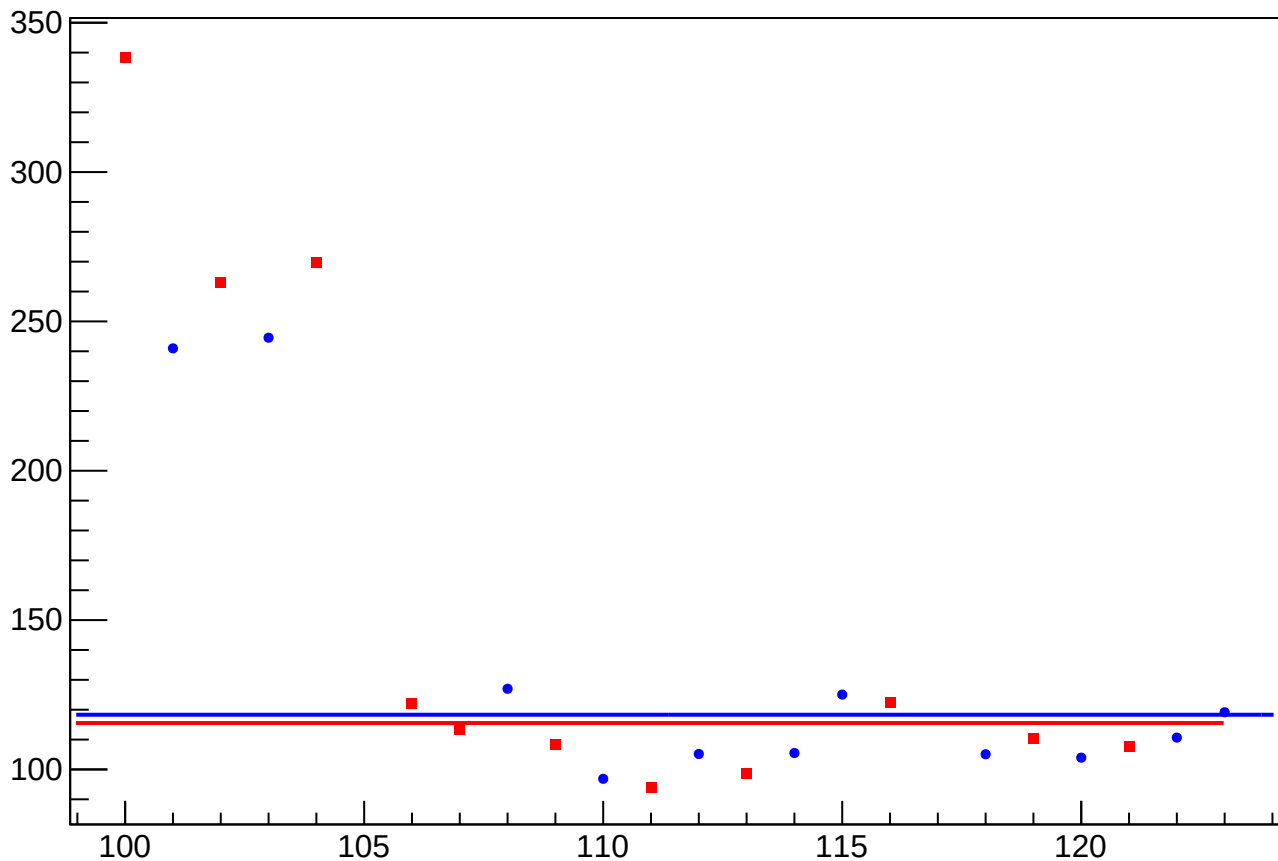
Right: -627.183+/-42.391 χ^2/NDF : 10486.0/21

In: -487.543+/-62.507 χ^2/NDF : 7820.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.183+/-42.391 χ^2/NDF : 10486.0/21

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.315 $\pm$ 0.044 χ^2 /NDF: 731390.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.535 $\pm$ 0.041 χ^2 /NDF: 852311.8/10

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

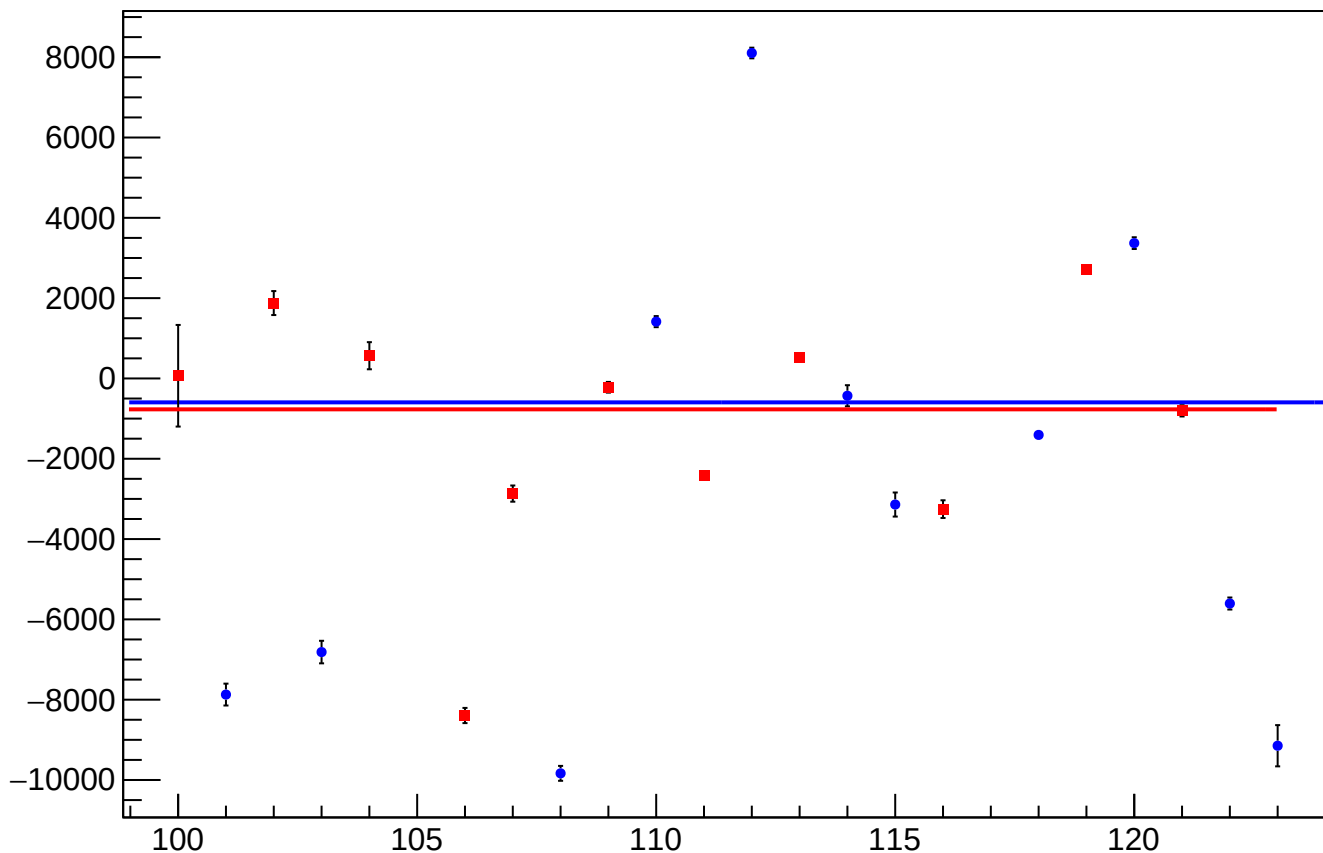
Right: 116.813 $\pm$ 0.030 χ^2 /NDF: 1585838.7/21

In: 118.315 $\pm$ 0.044 χ^2 /NDF:731390.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.813 $\pm$ 0.030 χ^2 /NDF: 1585838.7/21

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -595.596+/-53.175 χ^2/NDF : 10432.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -769.465+/-49.252 χ^2/NDF : 3203.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

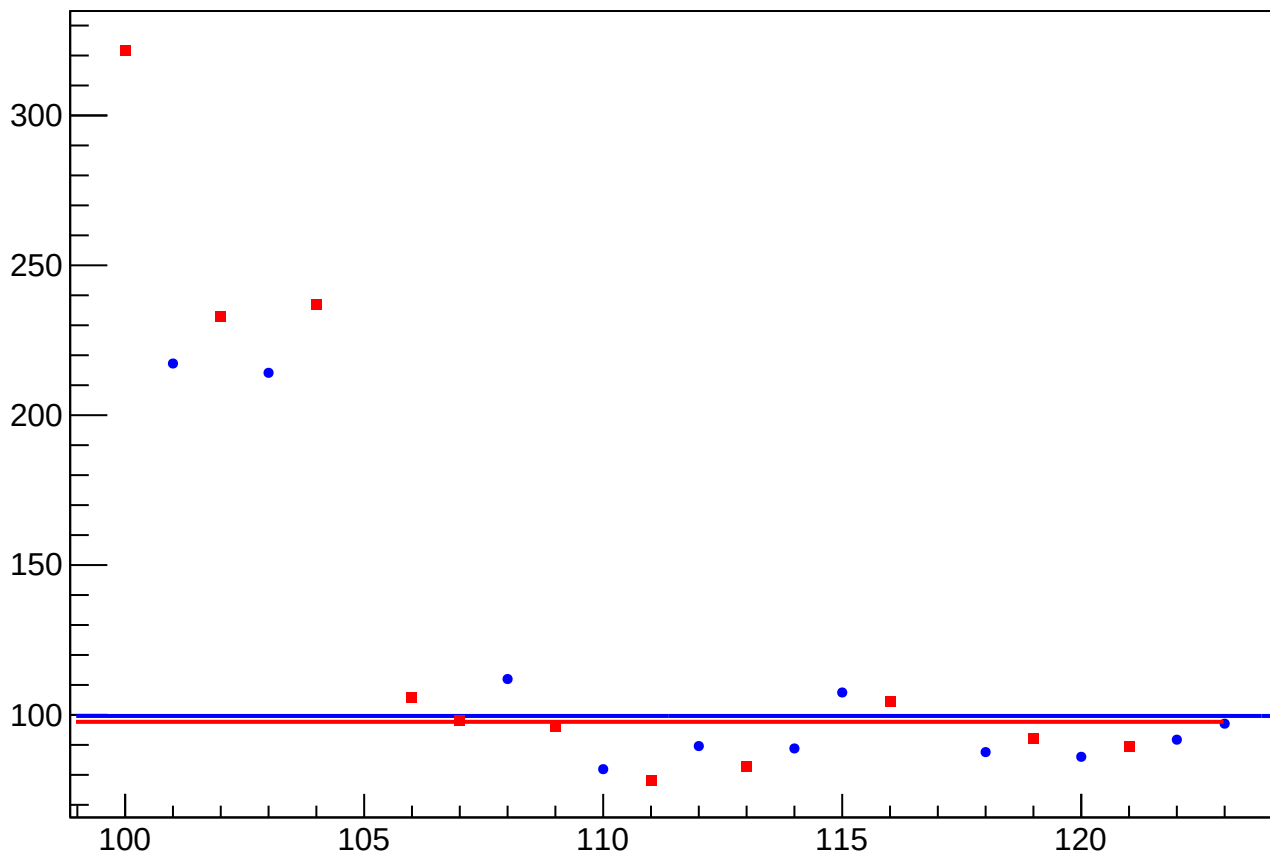
Right: -689.181+/-36.134 χ^2/NDF : 13641.6/21

In: -595.596+/-53.175 χ^2/NDF :10432.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -689.181+/-36.134 χ^2/NDF : 13641.6/21

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.657+/-0.038 χ^2/NDF : 806815.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.692+/-0.035 χ^2/NDF : 911829.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

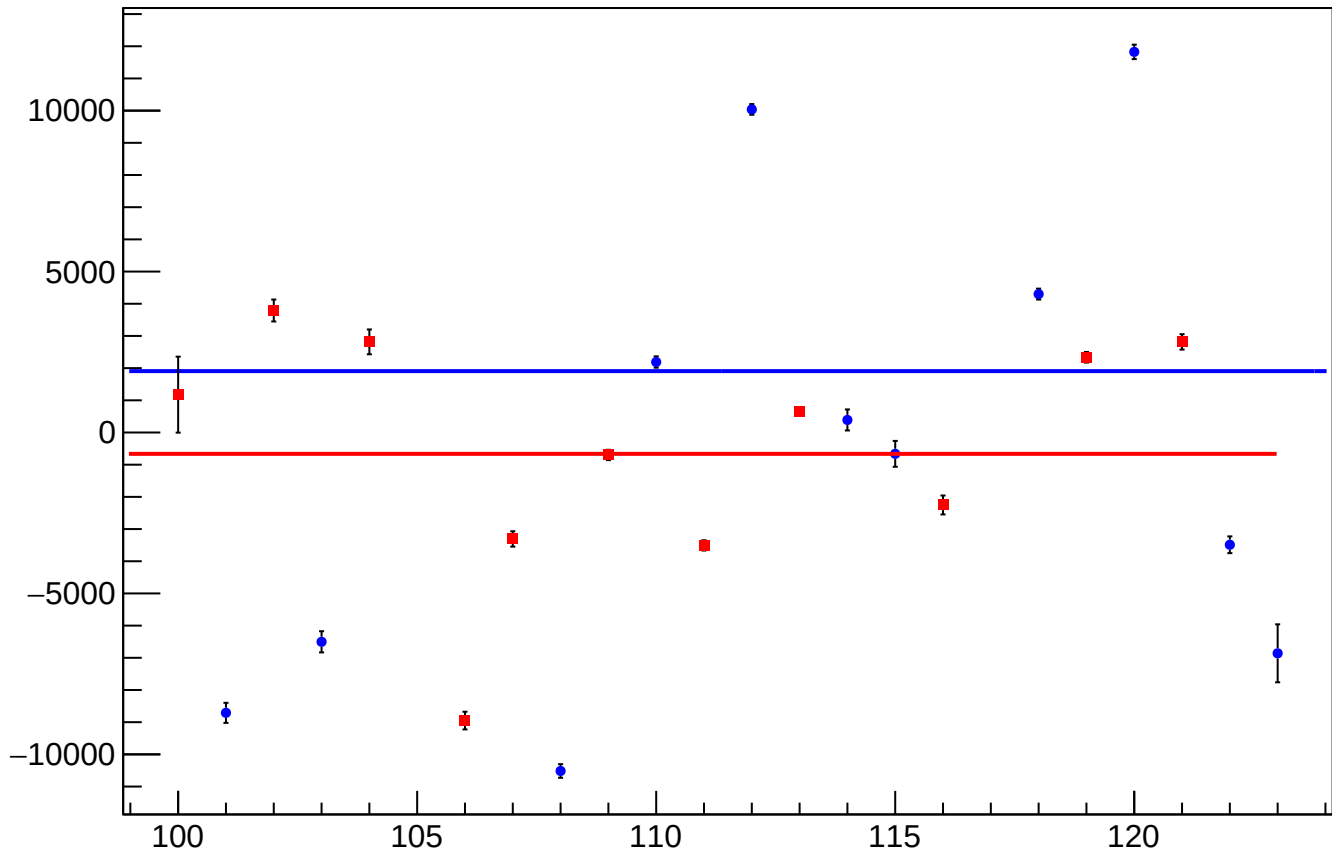
Right: 98.599+/-0.026 χ^2/NDF : 1720116.1/21

In: 99.657+/-0.038 χ^2/NDF :806815.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.599+/-0.026 χ^2/NDF : 1720116.1/21

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1907.100+/-71.256 χ^2/NDF : 10394.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -663.492+/-65.681 χ^2/NDF : 2250.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

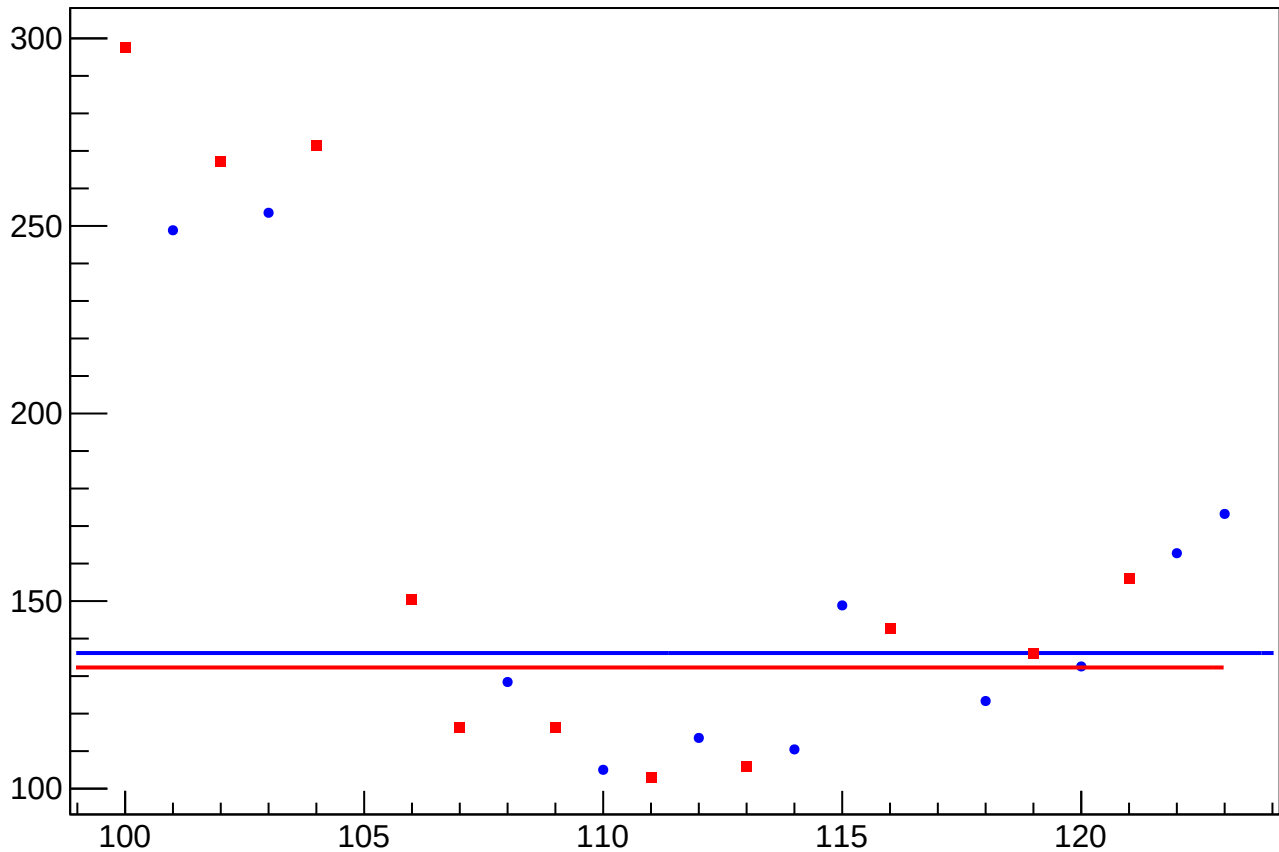
Right: 517.332+/-48.294 χ^2/NDF : 13348.2/21

In: 1907.100+/-71.256 χ^2/NDF :10394.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 517.332+/-48.294 χ^2/NDF : 13348.2/21

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 136.149 ± 0.050 χ^2/NDF : 669498.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 132.301 ± 0.046 χ^2/NDF : 797319.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

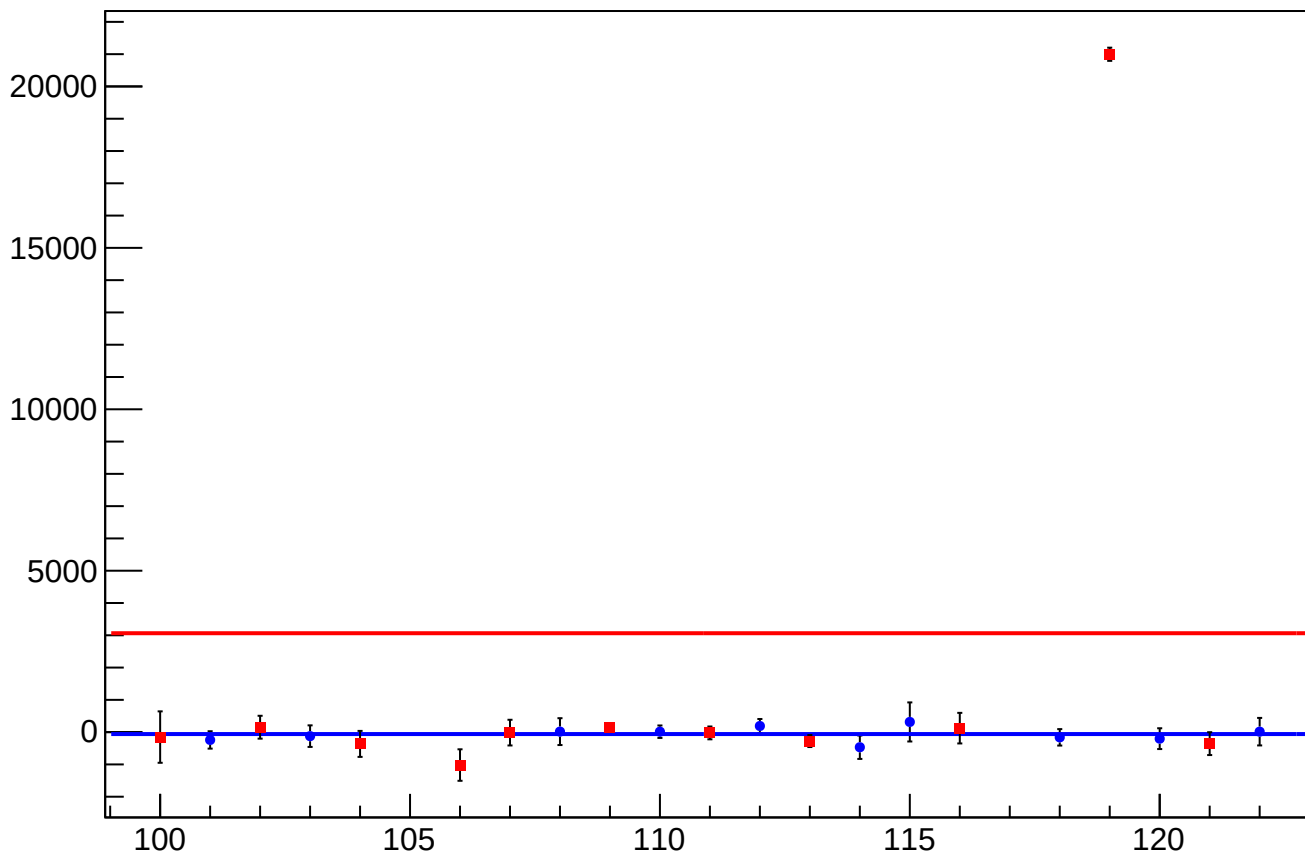
Right: 134.069 ± 0.034 χ^2/NDF : 1469971.2/21

In: 136.149 ± 0.050 χ^2/NDF : 669498.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 134.069 ± 0.034 χ^2/NDF : 1469971.2/21

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -59.437 ± 92.226 $\chi^2/\text{NDF}: 4.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3063.927 ± 78.788 $\chi^2/\text{NDF}: 9087.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

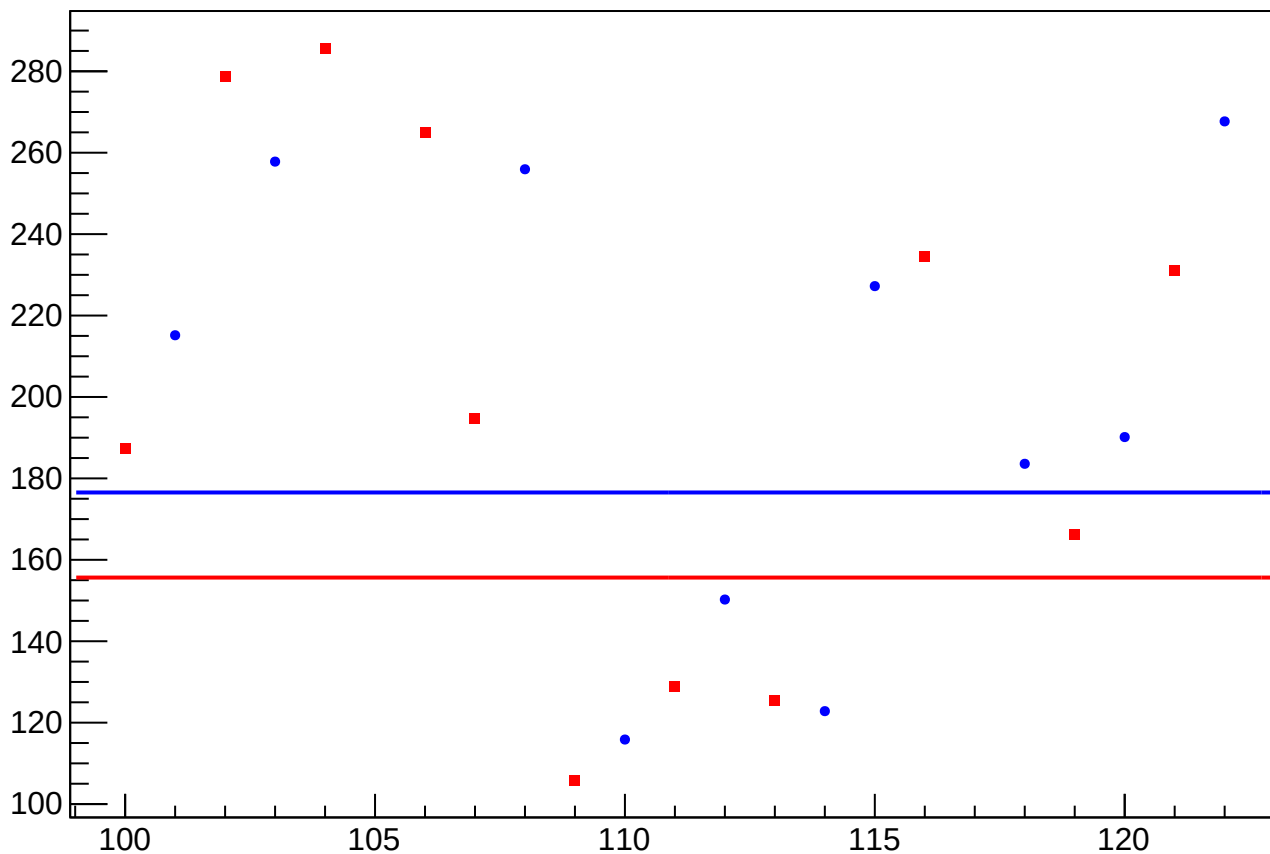
Right: 1746.172 ± 59.904 $\chi^2/\text{NDF}: 9754.5/20$

In: -59.437 ± 92.226 $\chi^2/\text{NDF}: 4.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1746.172 ± 59.904 $\chi^2/\text{NDF}: 9754.5/20$

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 176.540+/-0.065 χ^2/NDF : 614426.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.640+/-0.056 χ^2/NDF : 1032184.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

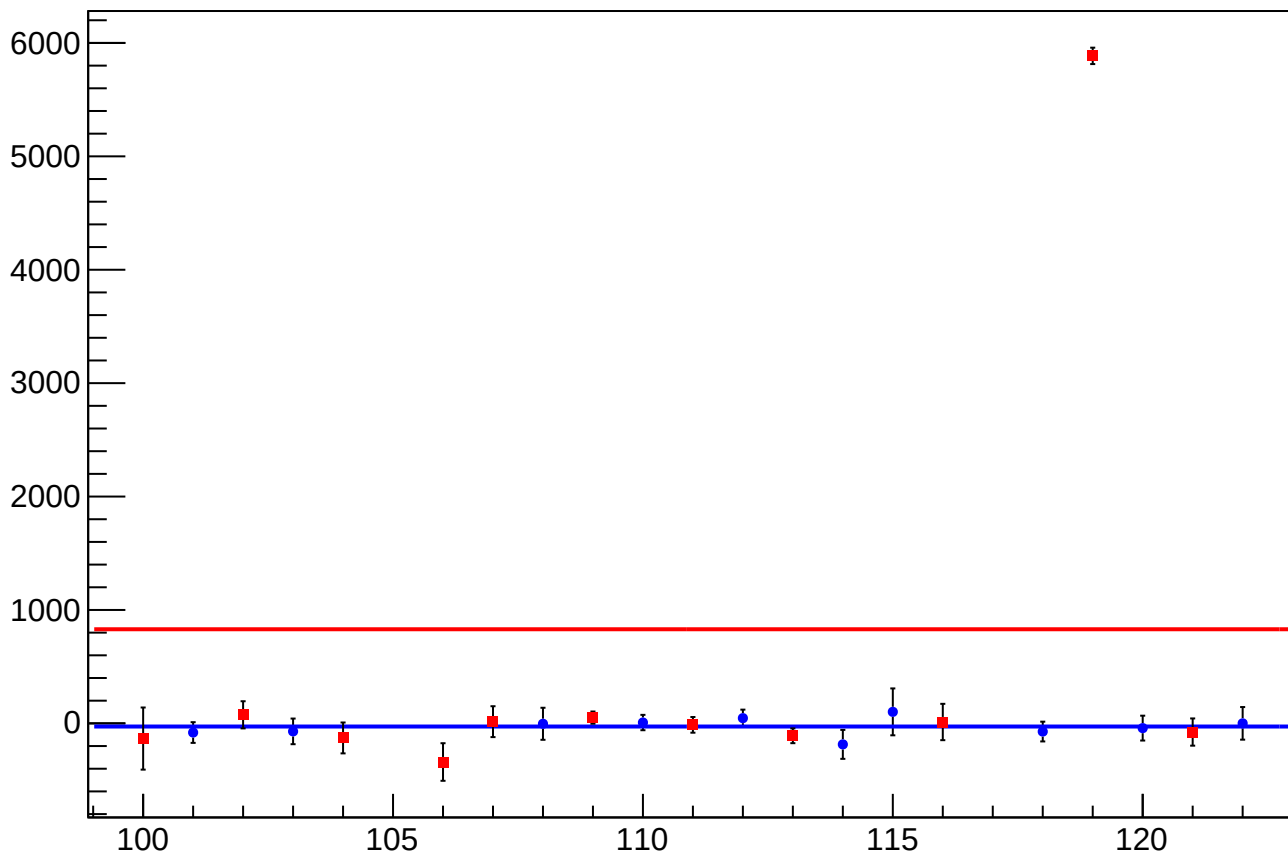
Right: 164.458+/-0.042 χ^2/NDF : 1705988.1/20

In: 176.540+/-0.065 χ^2/NDF : 614426.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.458+/-0.042 χ^2/NDF : 1705988.1/20

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -27.854+/-31.742 χ^2/NDF : 4.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.876+/-27.536 χ^2/NDF : 5725.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

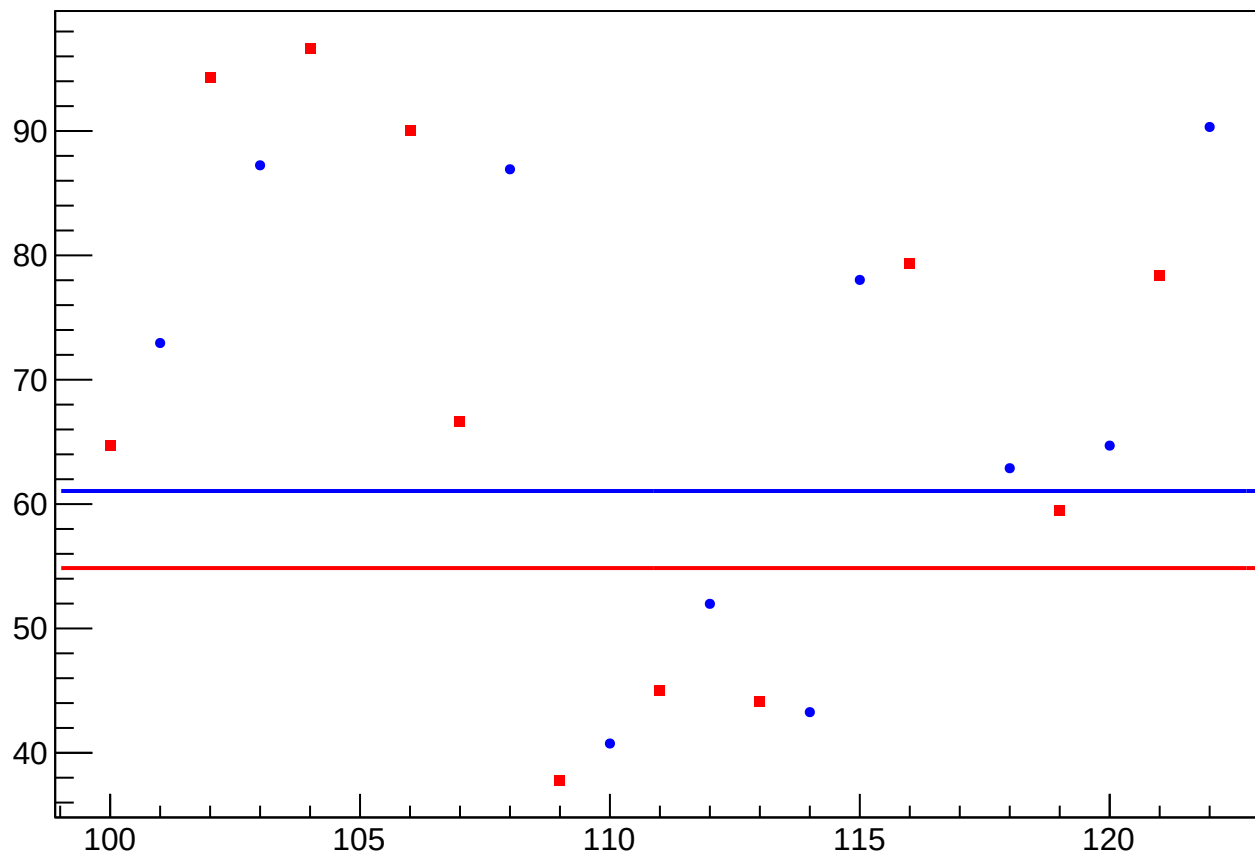
Right: 461.569+/-20.800 χ^2/NDF : 6145.9/20

In: -27.854+/-31.742 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.569+/-20.800 χ^2/NDF : 6145.9/20

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 61.053+/-0.022 χ^2/NDF : 555850.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.856+/-0.019 χ^2/NDF : 942518.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

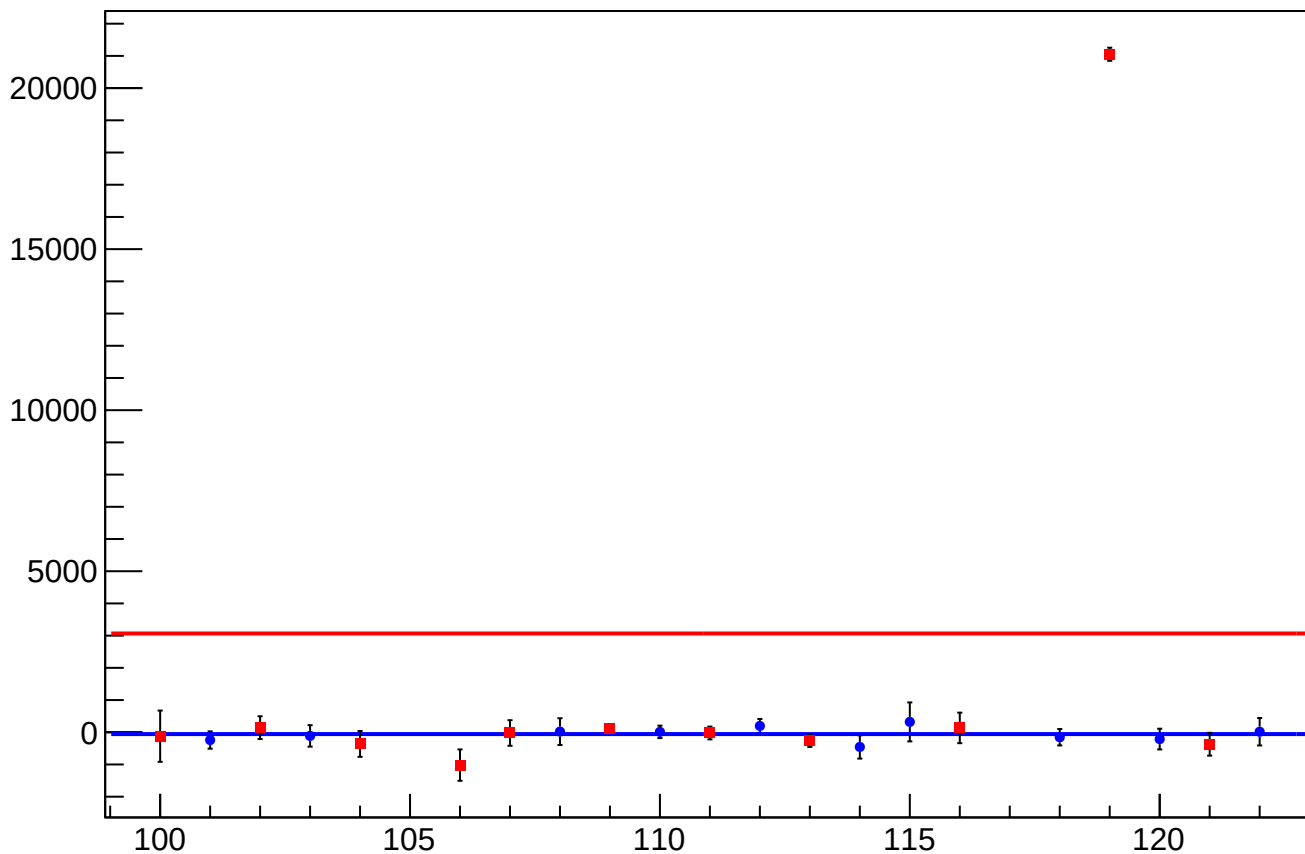
Right: 57.517+/-0.015 χ^2/NDF : 1541870.8/20

In: 61.053+/-0.022 χ^2/NDF : 555850.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.517+/-0.015 χ^2/NDF : 1541870.8/20

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -56.431+/-92.098 χ^2/NDF : 4.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3066.999+/-78.654 χ^2/NDF : 9153.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

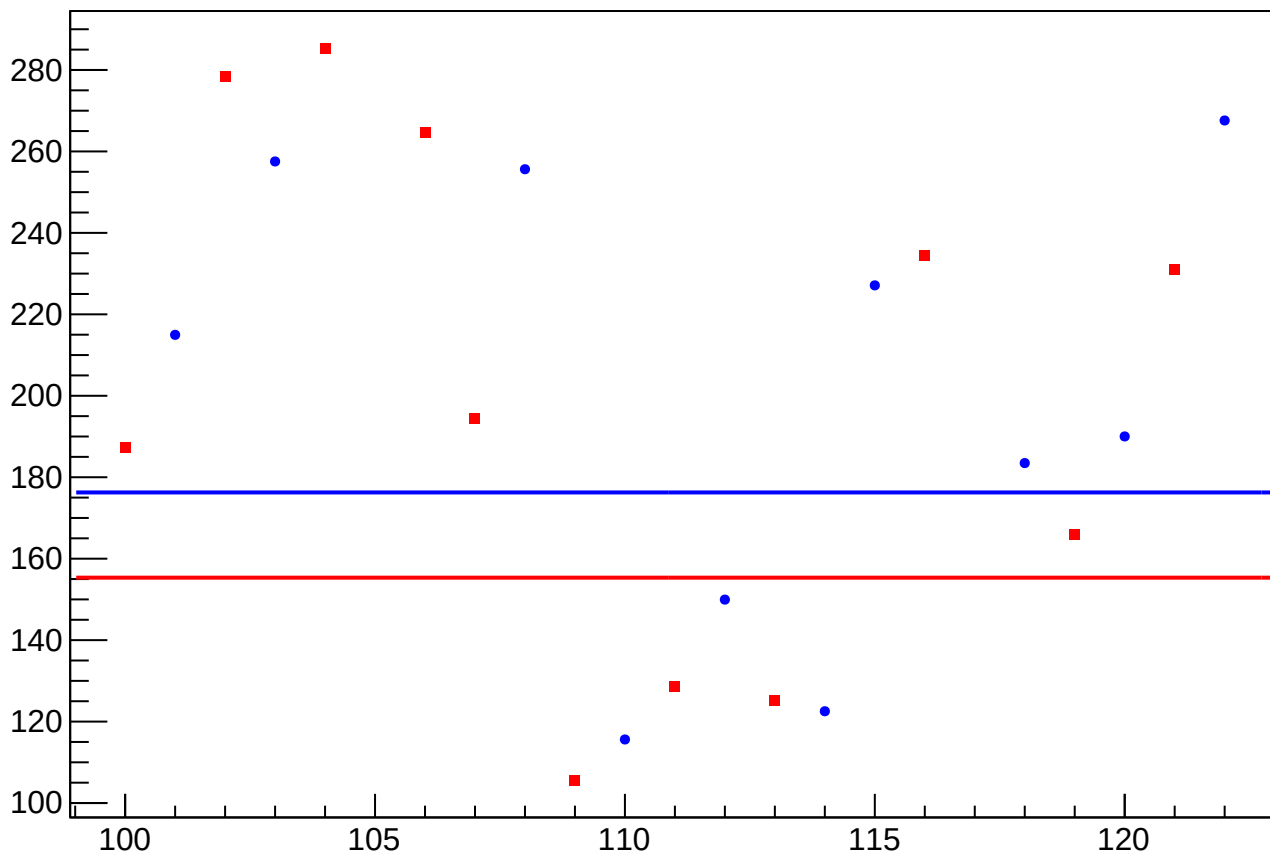
Right: 1749.682+/-59.811 χ^2/NDF : 9823.0/20

In: -56.431+/-92.098 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.682+/-59.811 χ^2/NDF : 9823.0/20

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 176.265+/-0.065 χ^2/NDF : 616732.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.341+/-0.056 χ^2/NDF : 1035230.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

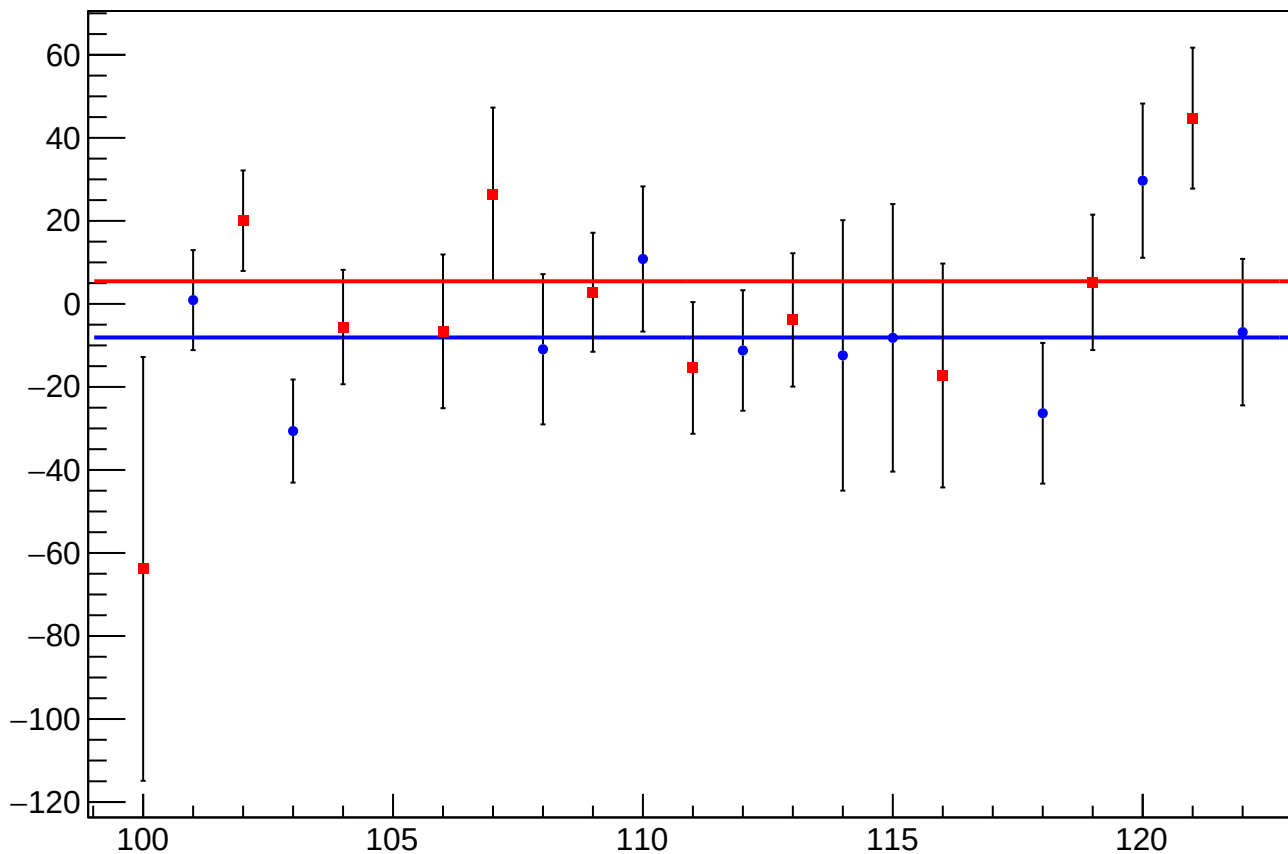
Right: 164.166+/-0.042 χ^2/NDF : 1711658.8/20

In: 176.265+/-0.065 χ^2/NDF : 616732.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.166+/-0.042 χ^2/NDF : 1711658.8/20

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -8.087+/-5.275 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.447+/-5.063 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

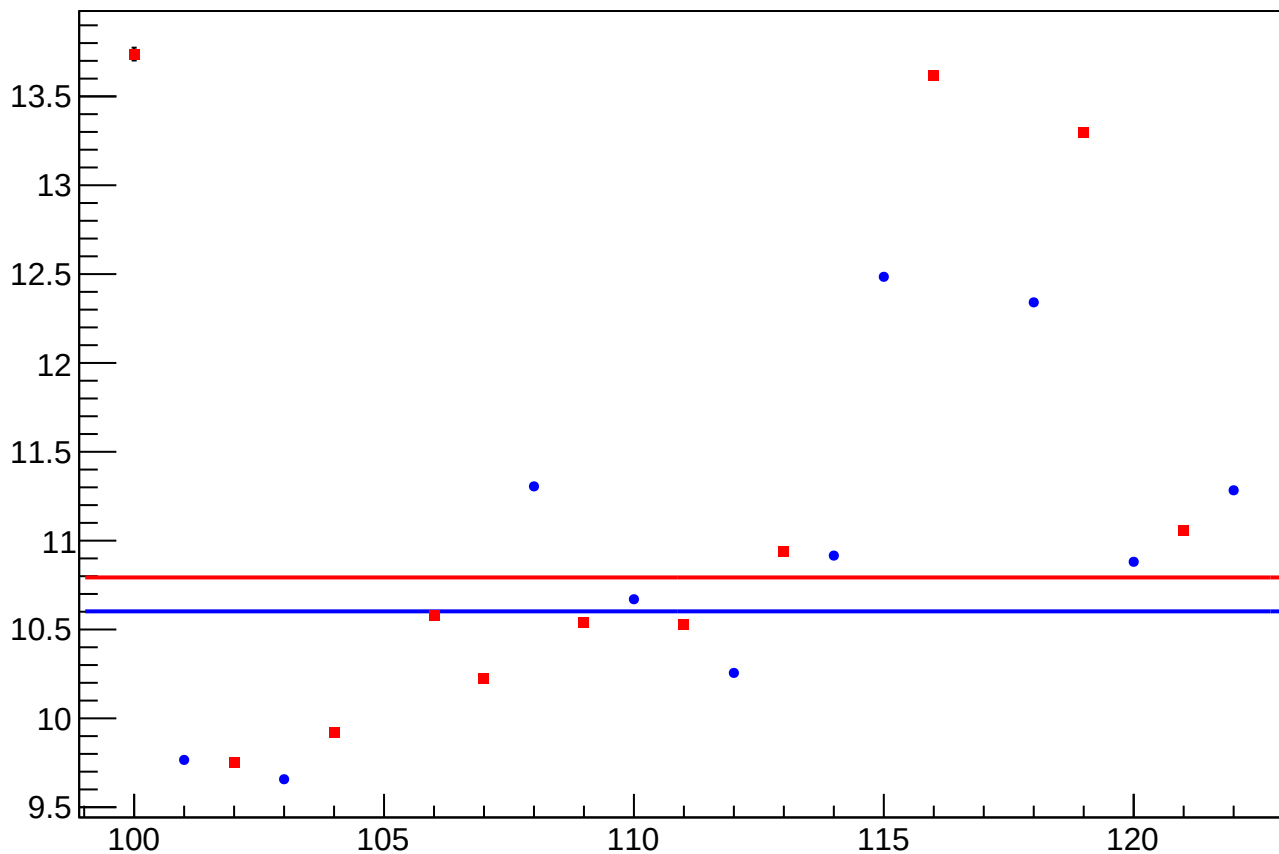
Right: -1.043+/-3.653 χ^2/NDF : 27.4/20

In: -8.087+/-5.275 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.043+/-3.653 χ^2/NDF : 27.4/20

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.602 $\pm$ 0.004 χ^2 /NDF: 56896.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.793 $\pm$ 0.004 χ^2 /NDF: 102231.8/10

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

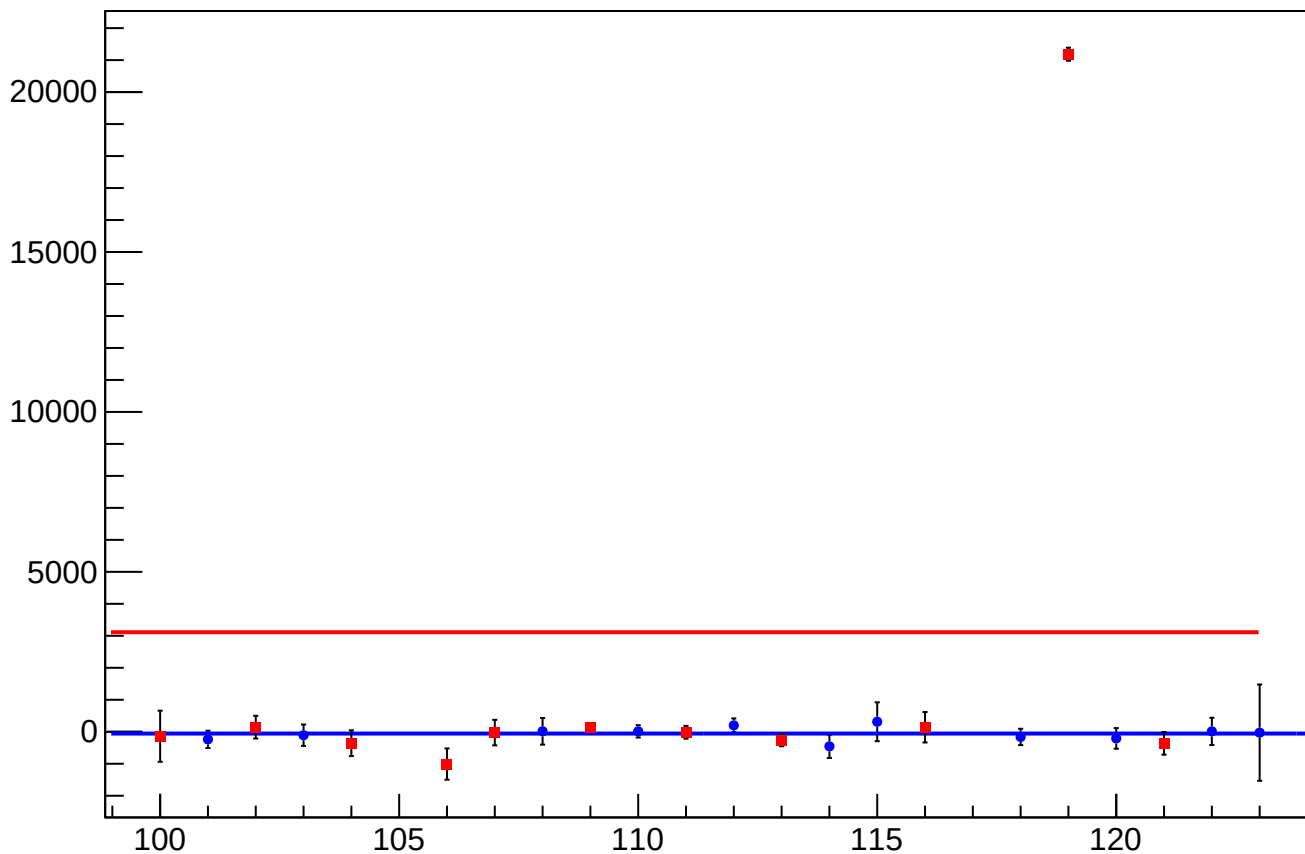
Right: 10.701 $\pm$ 0.003 χ^2 /NDF: 160491.2/20

In: 10.602 $\pm$ 0.004 χ^2 /NDF: 56896.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.701 $\pm$ 0.003 χ^2 /NDF: 160491.2/20

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -56.126+/-92.250 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3111.598+/-78.935 χ^2/NDF : 9253.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

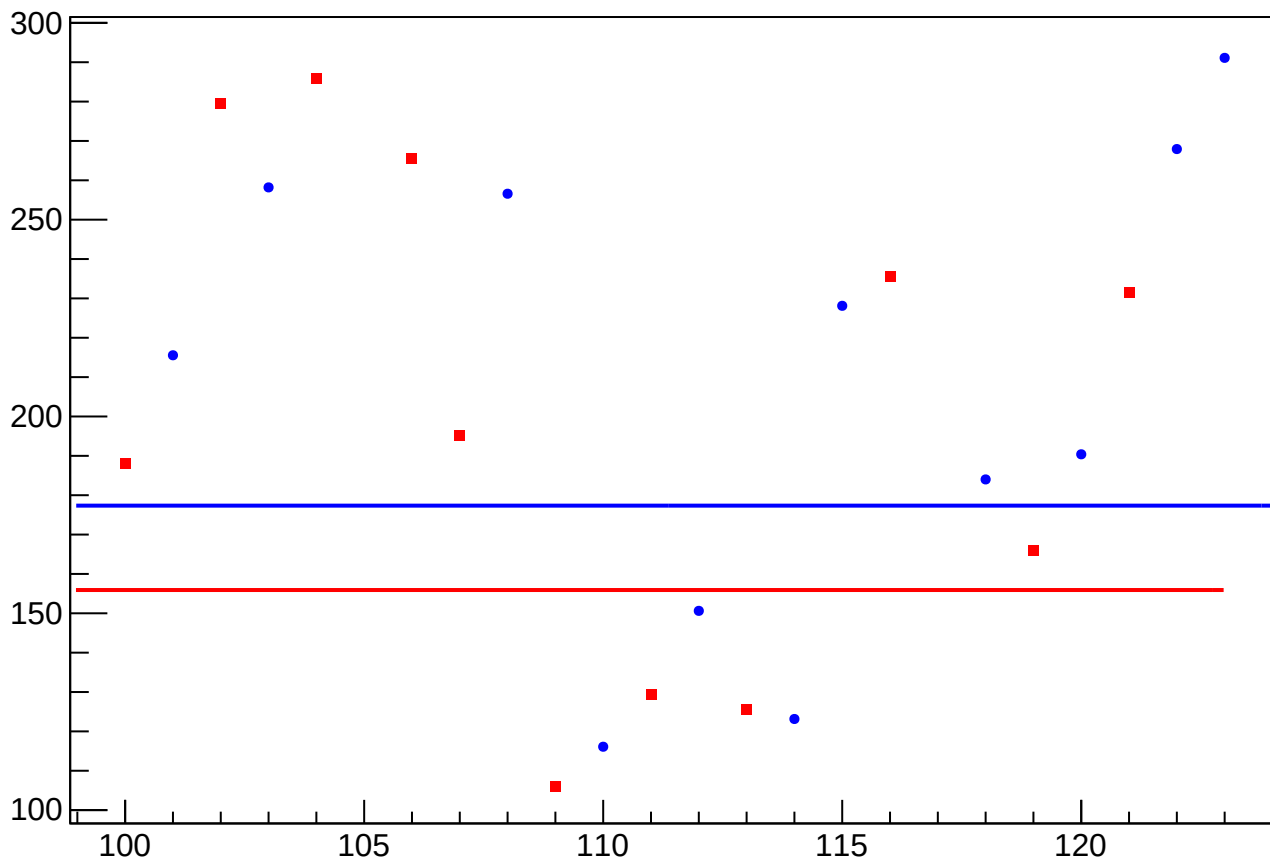
Right: 1772.653+/-59.976 χ^2/NDF : 9938.3/21

In: -56.126+/-92.250 χ^2/NDF :4.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1772.653+/-59.976 χ^2/NDF : 9938.3/21

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 177.351+/-0.065 χ^2/NDF : 624936.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.913+/-0.056 χ^2/NDF : 1032075.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

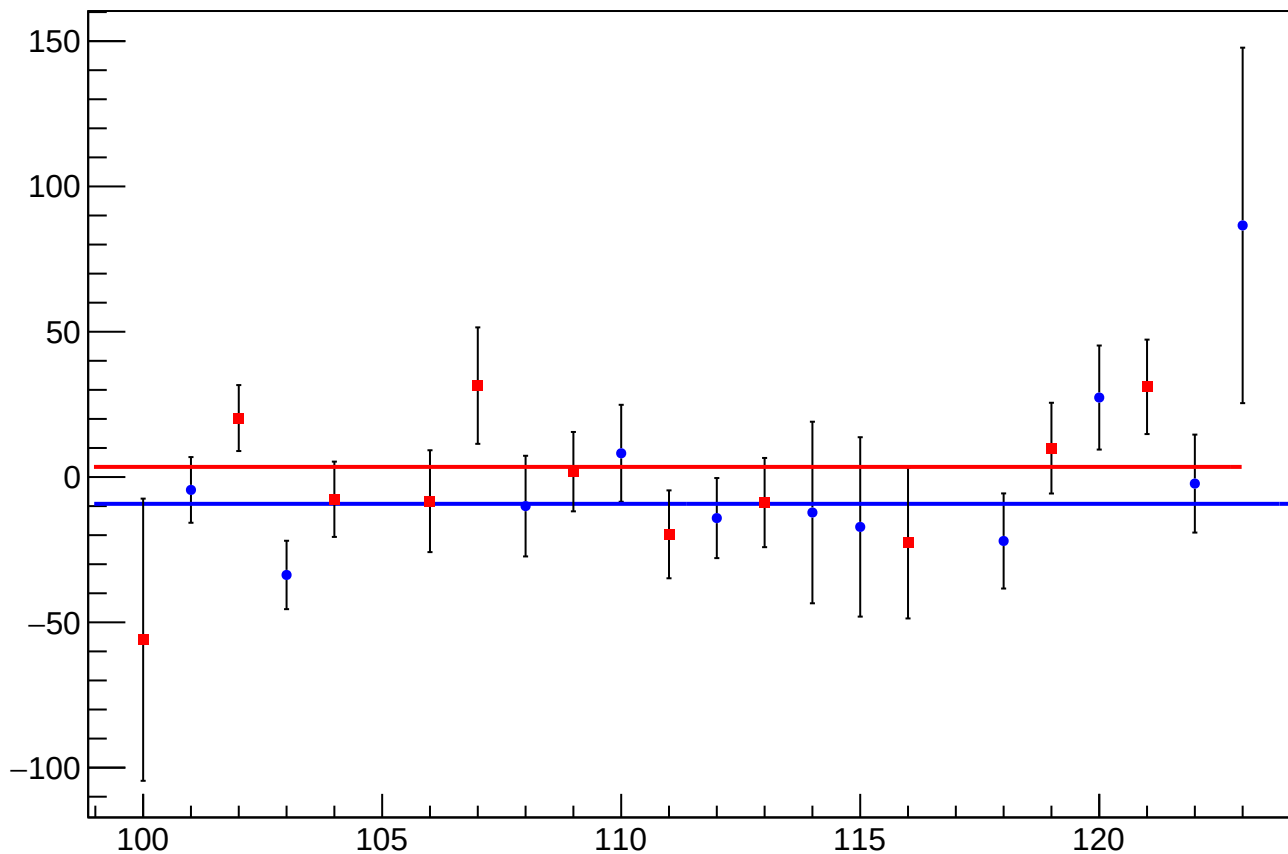
Right: 164.975+/-0.042 χ^2/NDF : 1719367.1/21

In: 177.351+/-0.065 χ^2/NDF : 624936.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.975+/-0.042 χ^2/NDF : 1719367.1/21

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -9.220+/-5.003 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.489+/-4.809 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

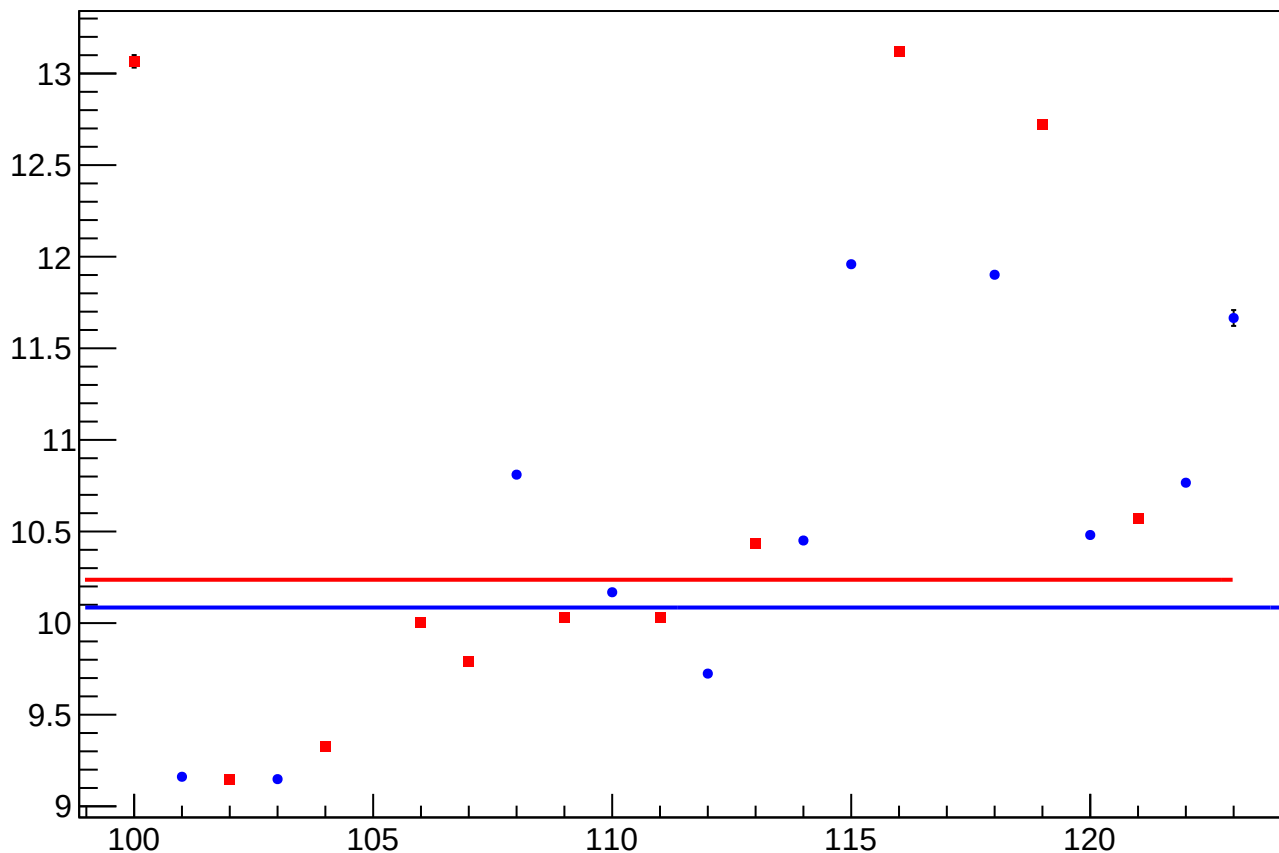
Right: -2.615+/-3.467 χ^2/NDF : 30.5/21

In: -9.220+/-5.003 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.615+/-3.467 χ^2/NDF : 30.5/21

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.085+/-0.004 χ^2/NDF : 68824.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.237+/-0.003 χ^2/NDF : 113720.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

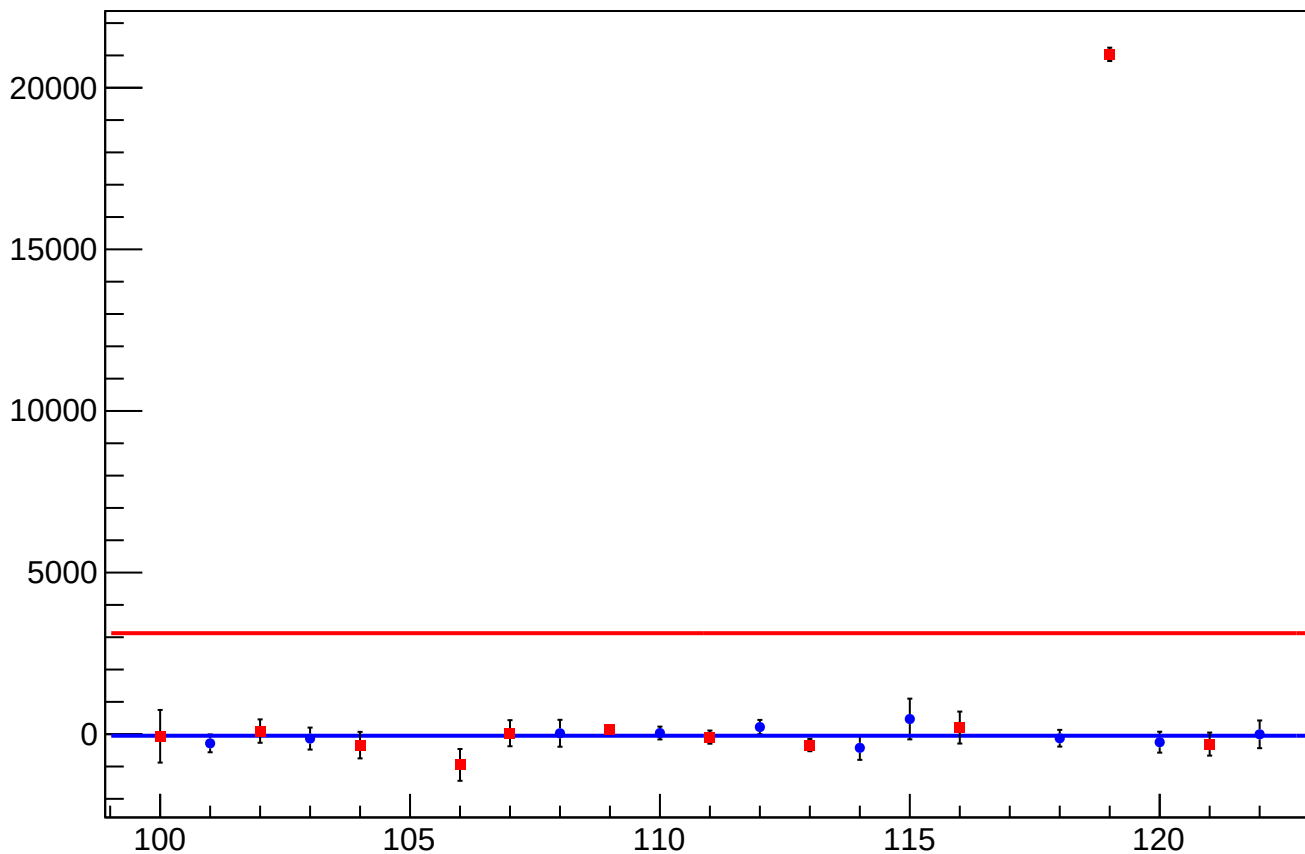
Right: 10.164+/-0.002 χ^2/NDF : 183499.4/21

In: 10.085+/-0.004 χ^2/NDF : 68824.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.164+/-0.002 χ^2/NDF : 183499.4/21

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -47.985 ± 94.025 χ^2/NDF : 4.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3125.029 ± 80.698 χ^2/NDF : 8864.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

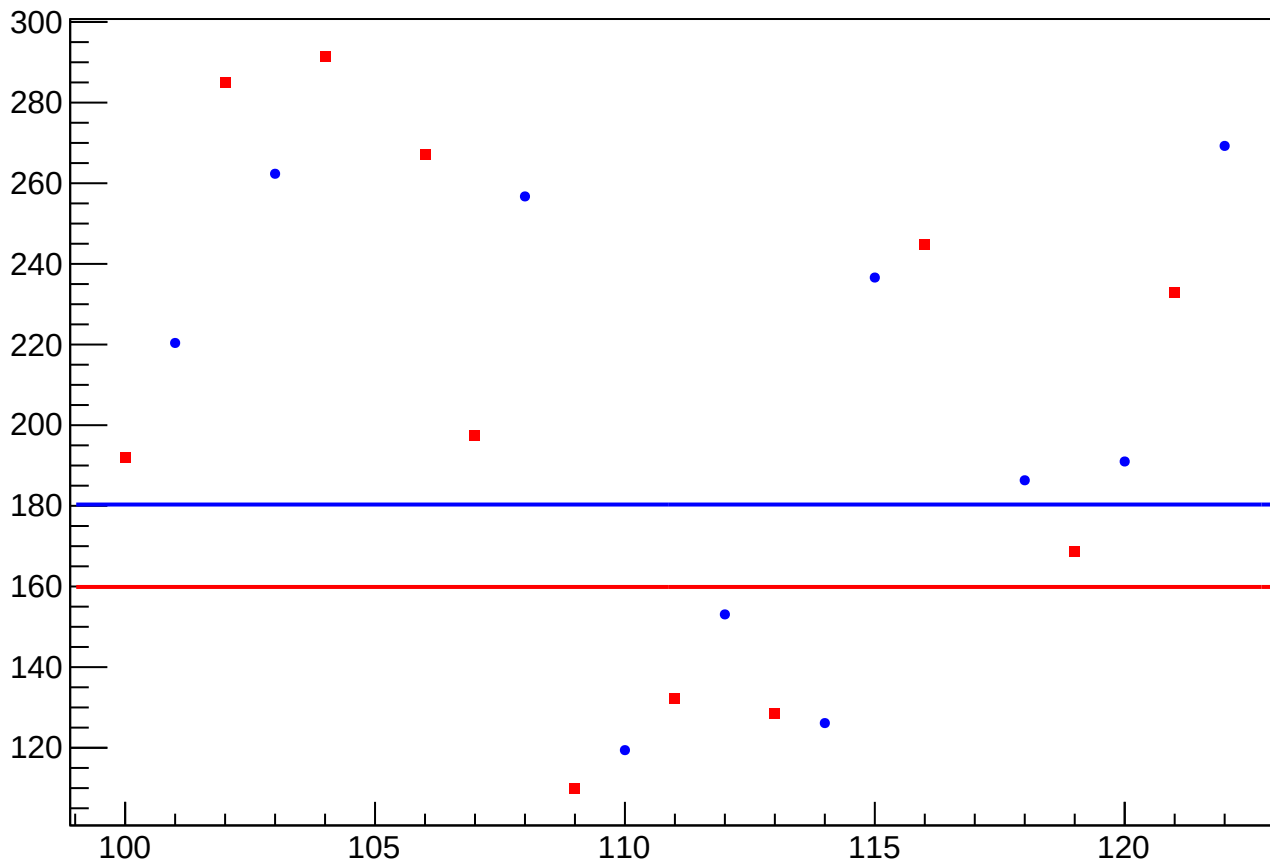
Right: 1779.132 ± 61.237 χ^2/NDF : 9524.9/20

In: -47.985 ± 94.025 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1779.132 ± 61.237 χ^2/NDF : 9524.9/20

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 180.324+/-0.066 χ^2/NDF : 592285.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.885+/-0.057 χ^2/NDF : 1002456.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

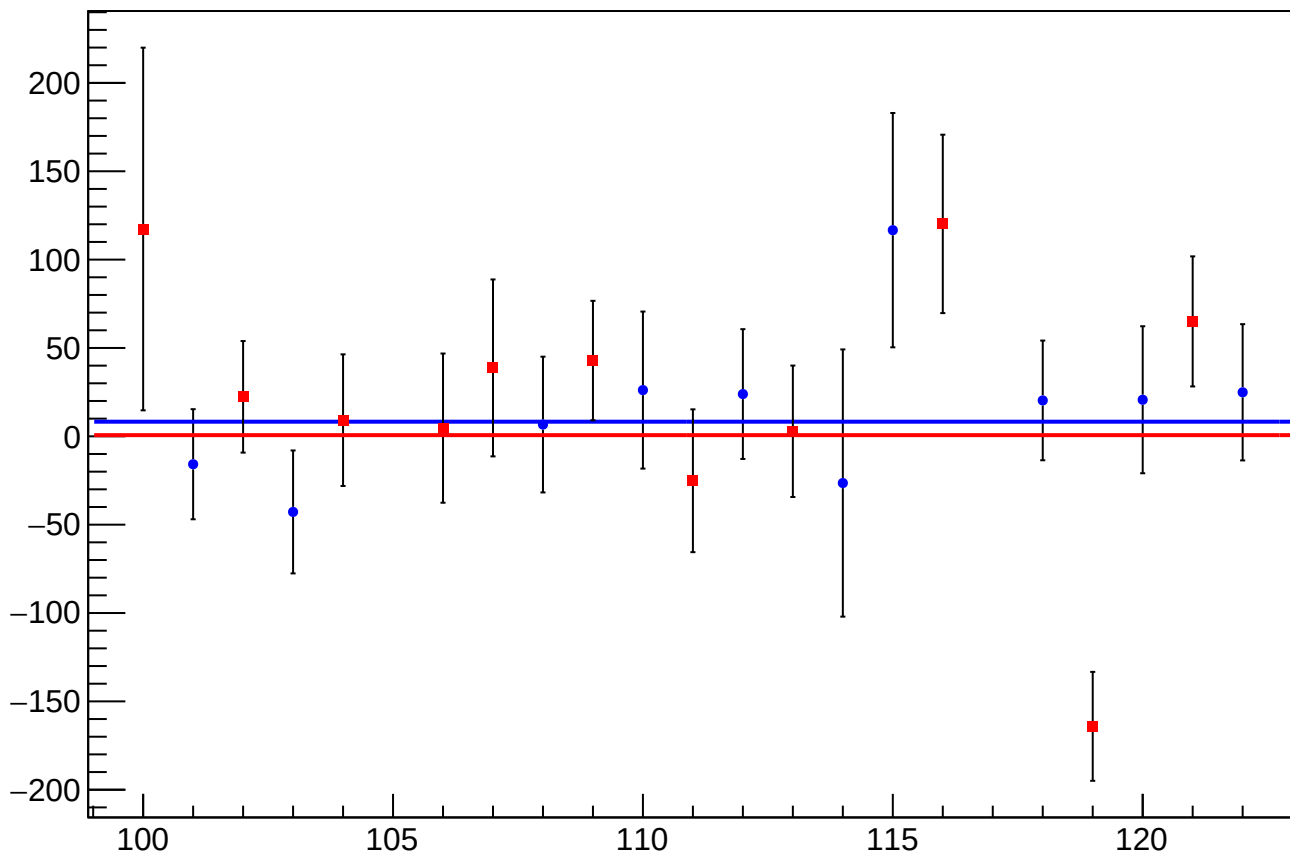
Right: 168.555+/-0.043 χ^2/NDF : 1649167.3/20

In: 180.324+/-0.066 χ^2/NDF : 592285.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.555+/-0.043 χ^2/NDF : 1649167.3/20

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 8.277+/-12.592 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.666+/-11.807 χ^2/NDF : 41.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

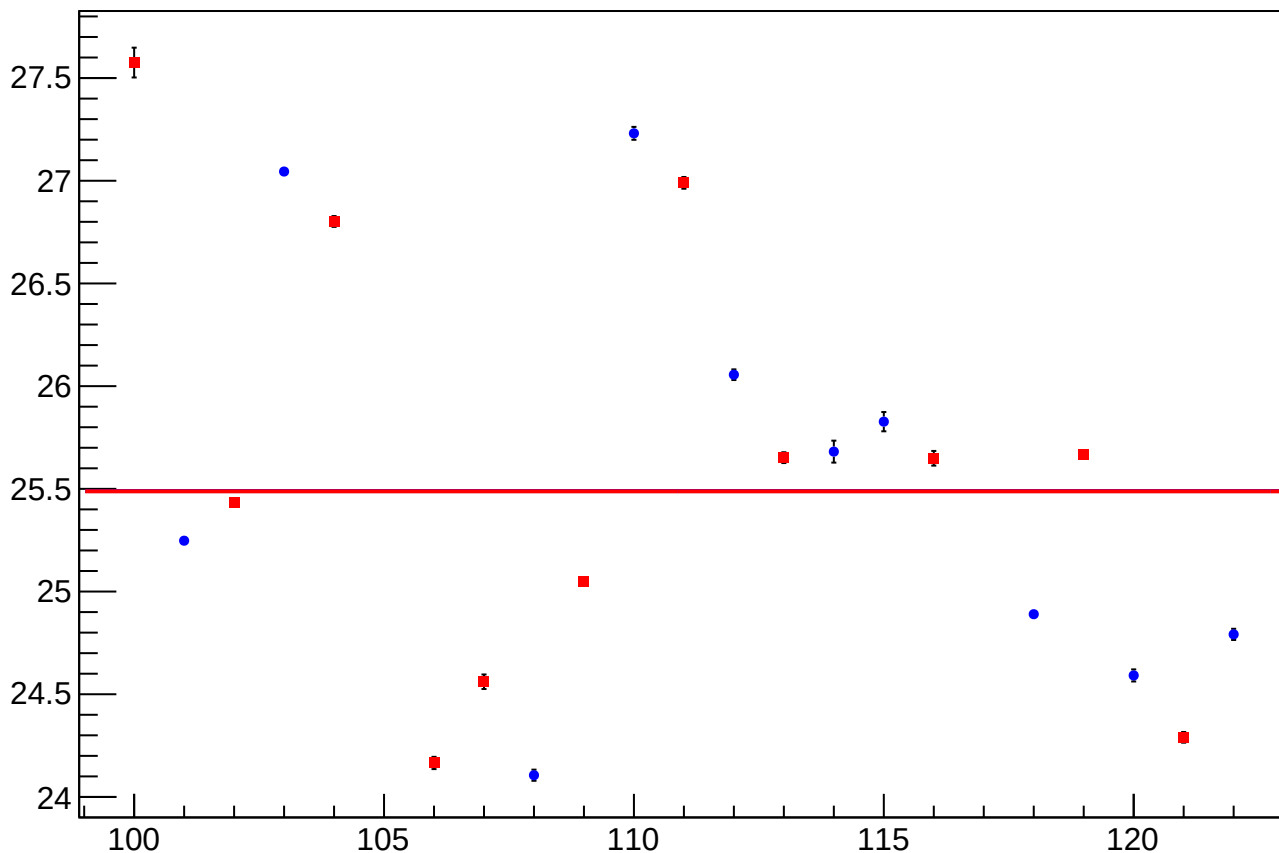
Right: 4.227+/-8.613 χ^2/NDF : 48.2/20

In: 8.277+/-12.592 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.227+/-8.613 χ^2/NDF : 48.2/20

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.489+/-0.009 χ^2/NDF : 12539.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.488+/-0.008 χ^2/NDF : 11314.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

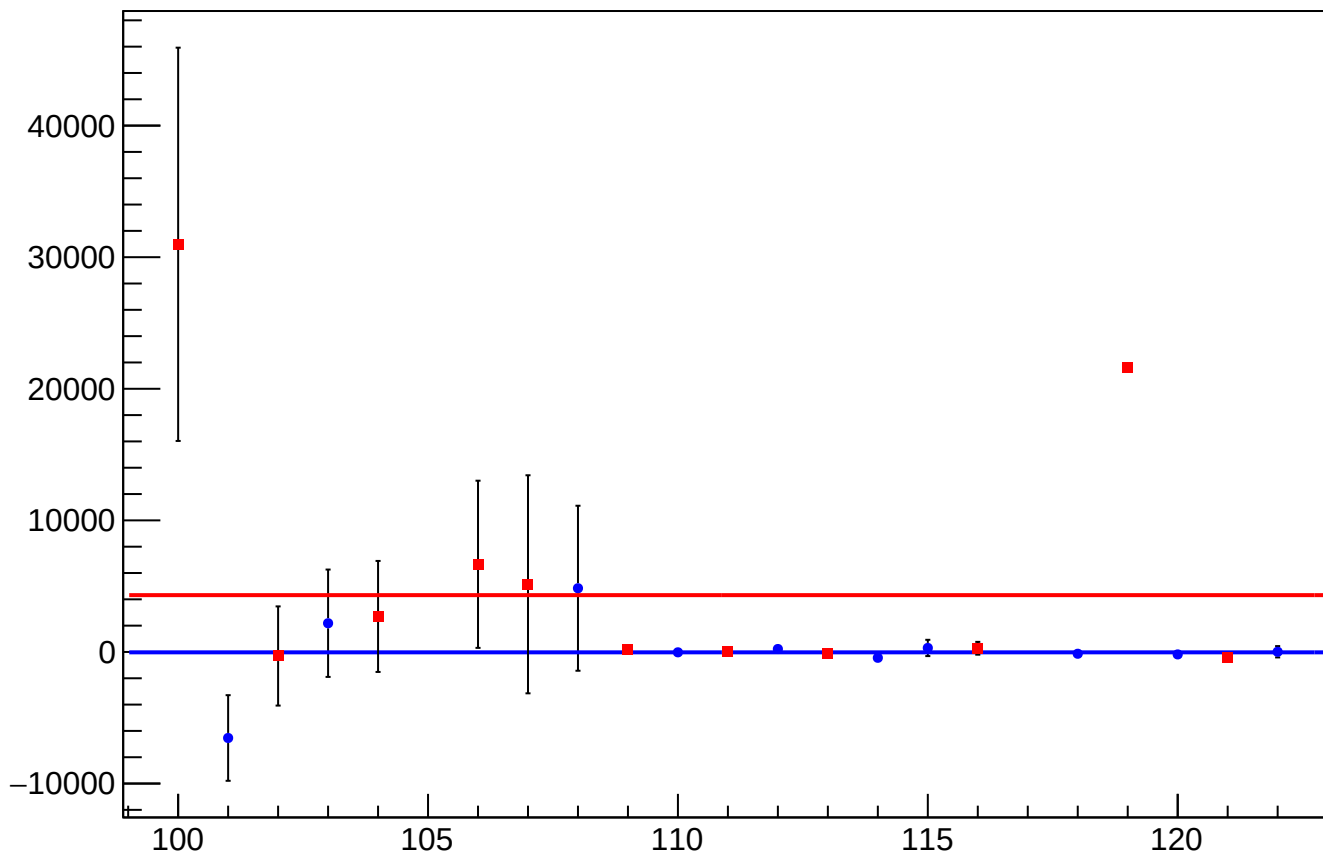
Right: 25.489+/-0.006 χ^2/NDF : 23853.8/20

In: 25.489+/-0.009 χ^2/NDF : 12539.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.489+/-0.006 χ^2/NDF : 23853.8/20

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -29.088 ± 106.795 χ^2/NDF : 8.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4318.052 ± 94.252 χ^2/NDF : 8425.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

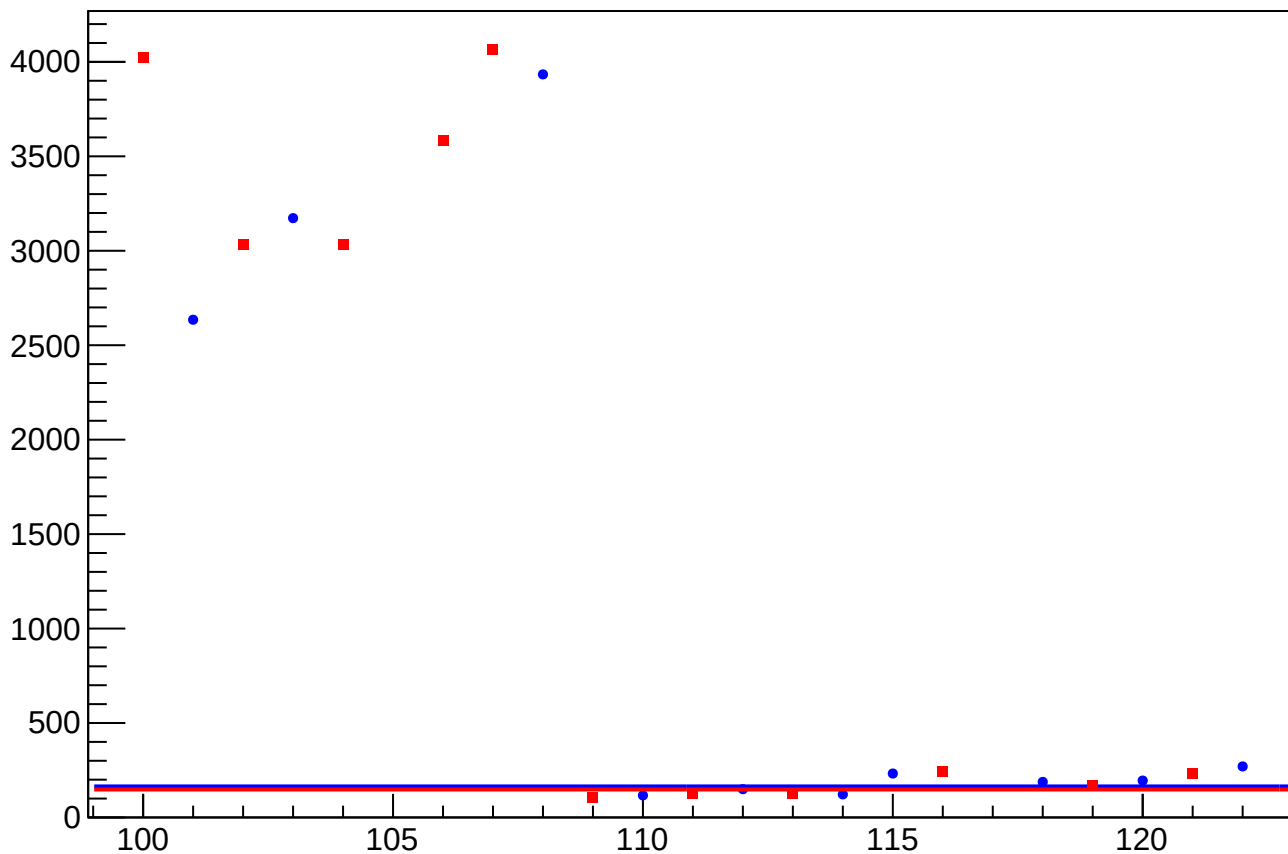
Right: 2414.640 ± 70.667 χ^2/NDF : 9365.4/20

In: -29.088 ± 106.795 χ^2/NDF : 8.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2414.640 ± 70.667 χ^2/NDF : 9365.4/20

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 164.269+/-0.076 χ^2/NDF : 3299537.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.937+/-0.067 χ^2/NDF : 3616638.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

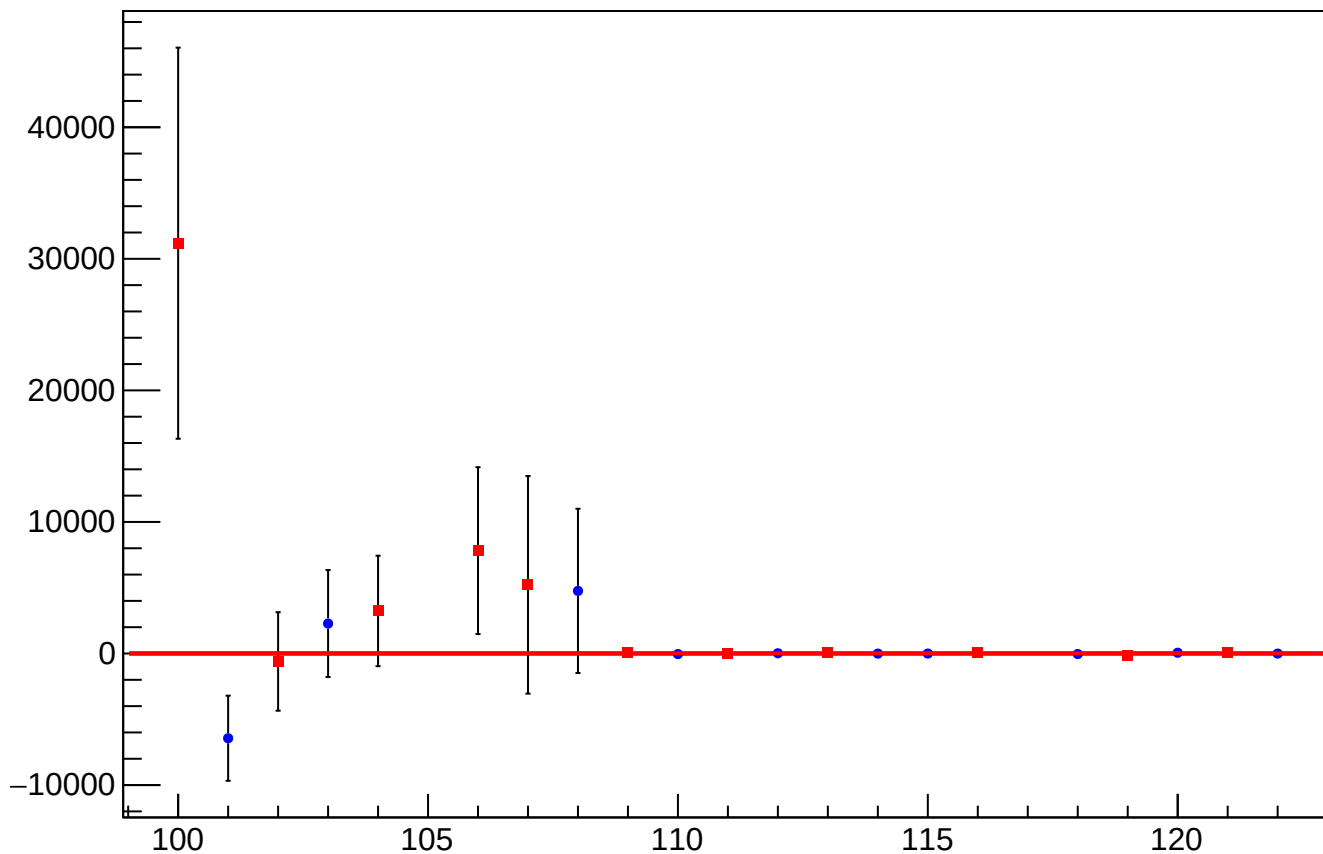
Right: 155.088+/-0.050 χ^2/NDF : 6942468.7/20

In: 164.269+/-0.076 χ^2/NDF : 3299537.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.088+/-0.050 χ^2/NDF : 6942468.7/20

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.113+/-17.722 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.922+/-17.401 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

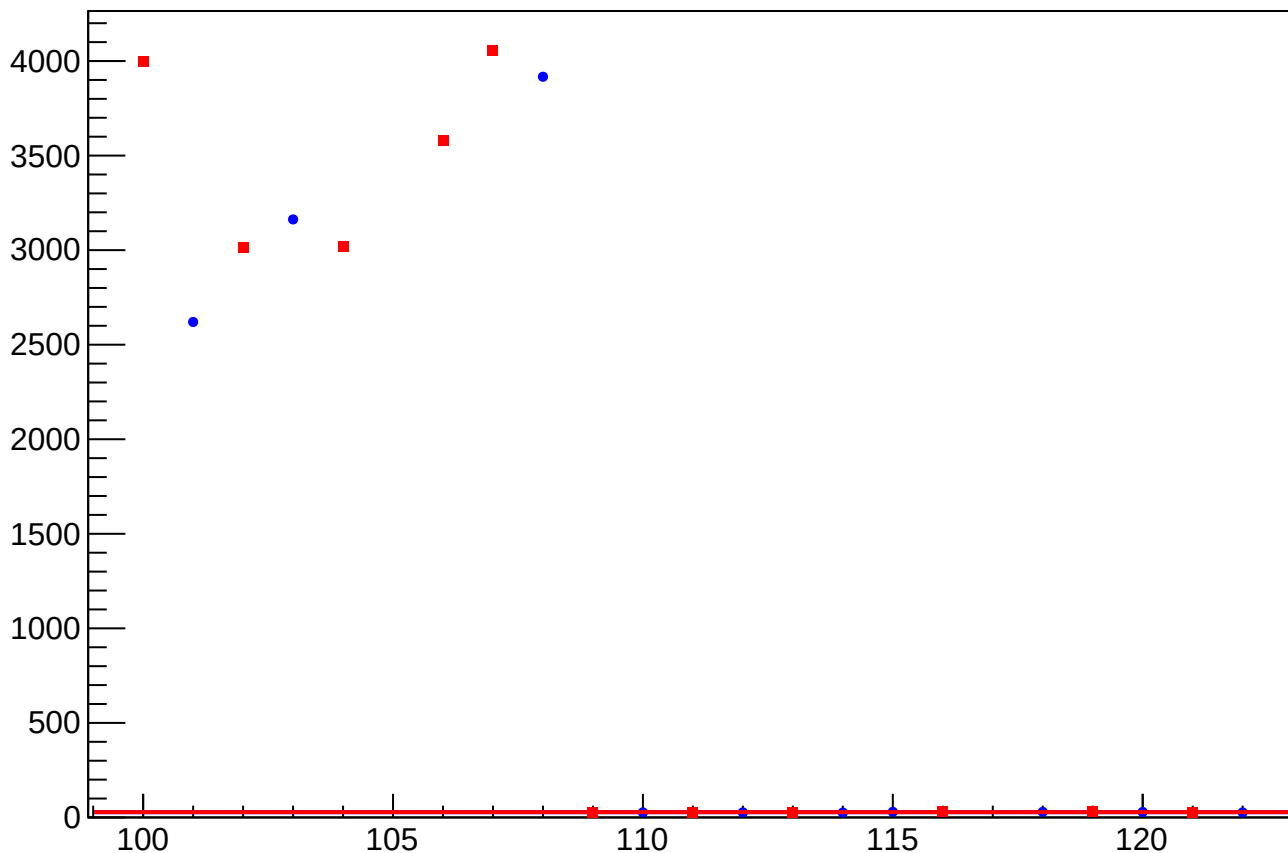
Right: 6.597+/-12.416 χ^2/NDF : 38.0/20

In: -4.113+/-17.722 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.597+/-12.416 χ^2/NDF : 38.0/20

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.859+/-0.013 χ^2/NDF : 3259356.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.080+/-0.012 χ^2/NDF : 3561654.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

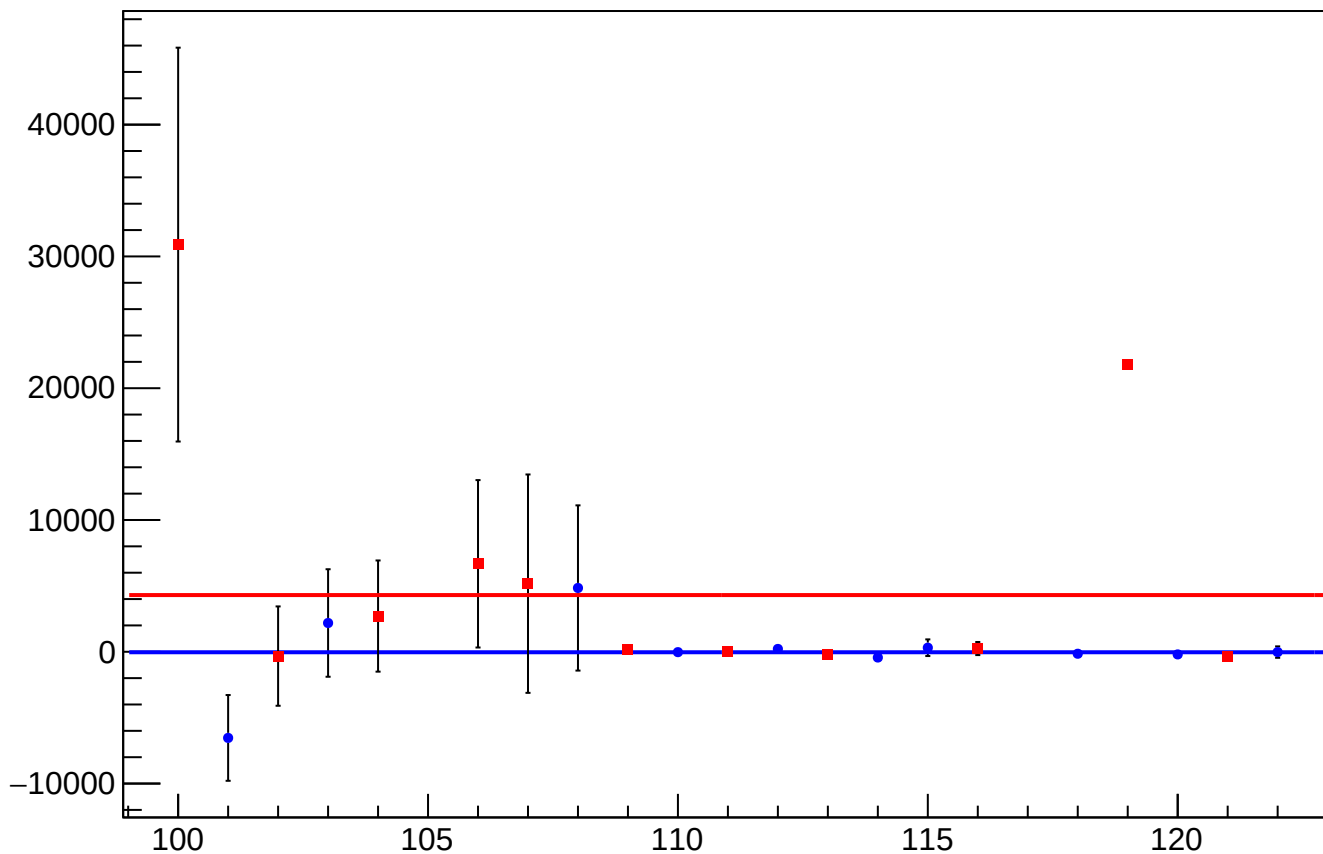
Right: 27.972+/-0.009 χ^2/NDF : 6821168.4/20

In: 27.859+/-0.013 χ^2/NDF : 3259356.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.972+/-0.009 χ^2/NDF : 6821168.4/20

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -36.377+/-107.718 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4303.013+/-95.190 χ^2/NDF : 8374.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

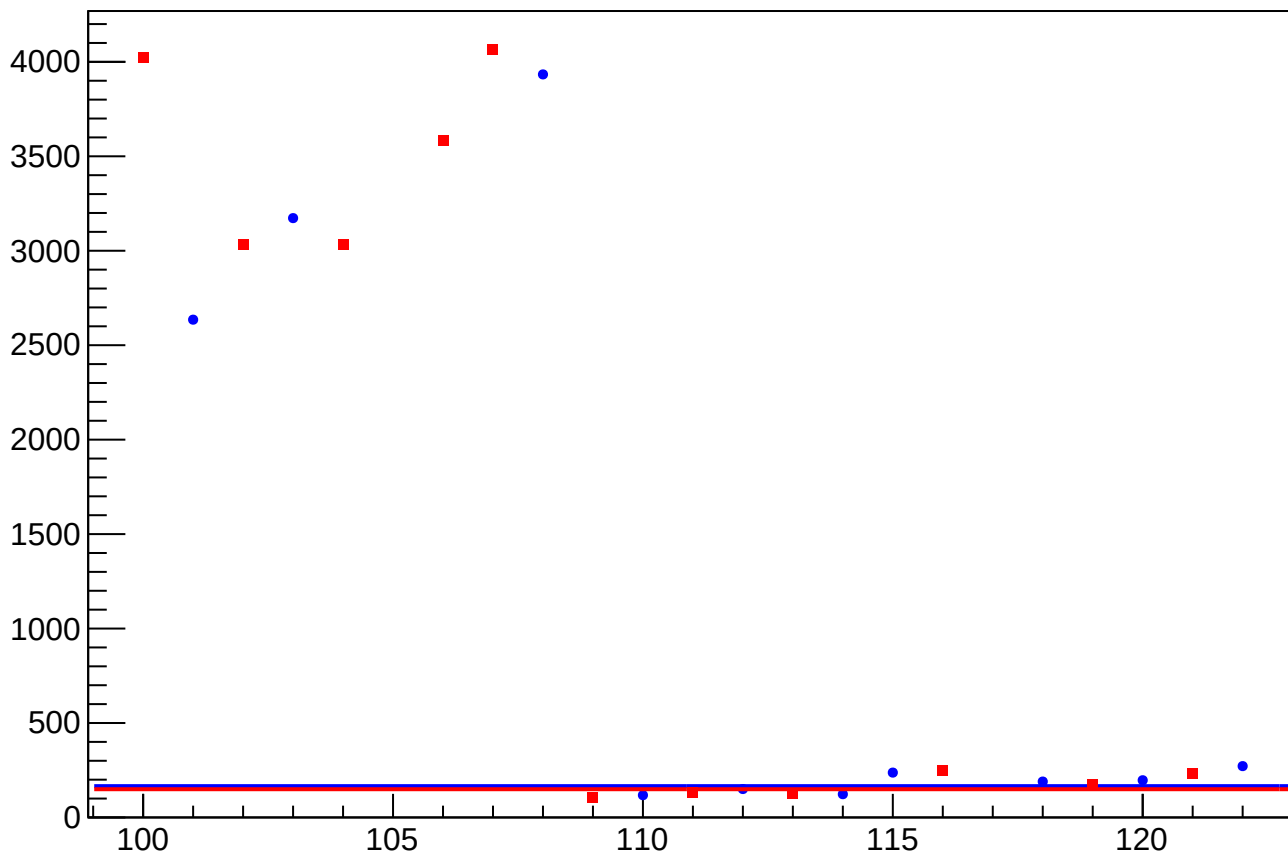
Right: 2400.217+/-71.329 χ^2/NDF : 9293.6/20

In: -36.377+/-107.718 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2400.217+/-71.329 χ^2/NDF : 9293.6/20

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 165.758+/-0.076 χ^2/NDF : 3296784.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.494+/-0.067 χ^2/NDF : 3615485.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

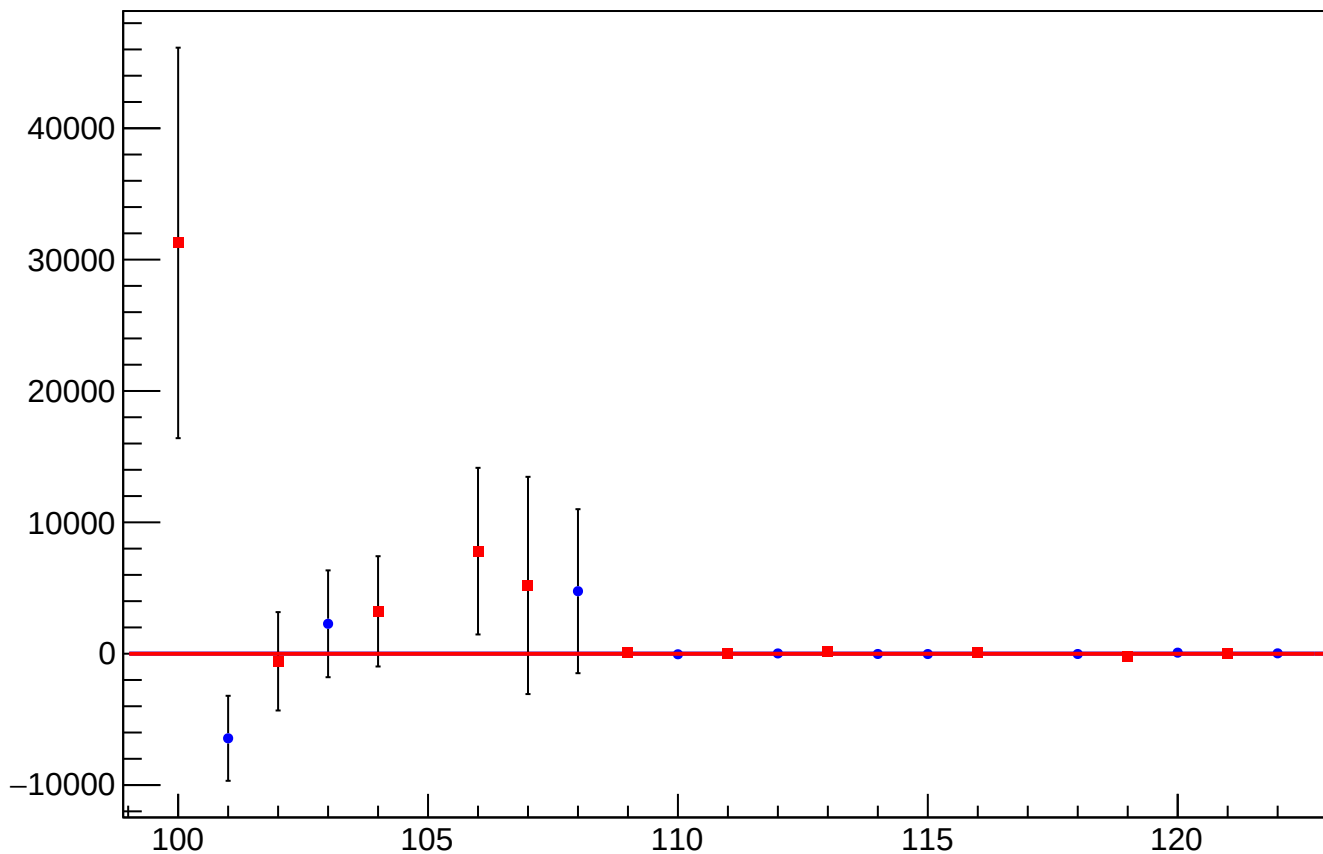
Right: 156.626+/-0.050 χ^2/NDF : 6937871.2/20

In: 165.758+/-0.076 χ^2/NDF : 3296784.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.626+/-0.050 χ^2/NDF : 6937871.2/20

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 6.365+/-19.868 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.858+/-19.421 χ^2/NDF : 59.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

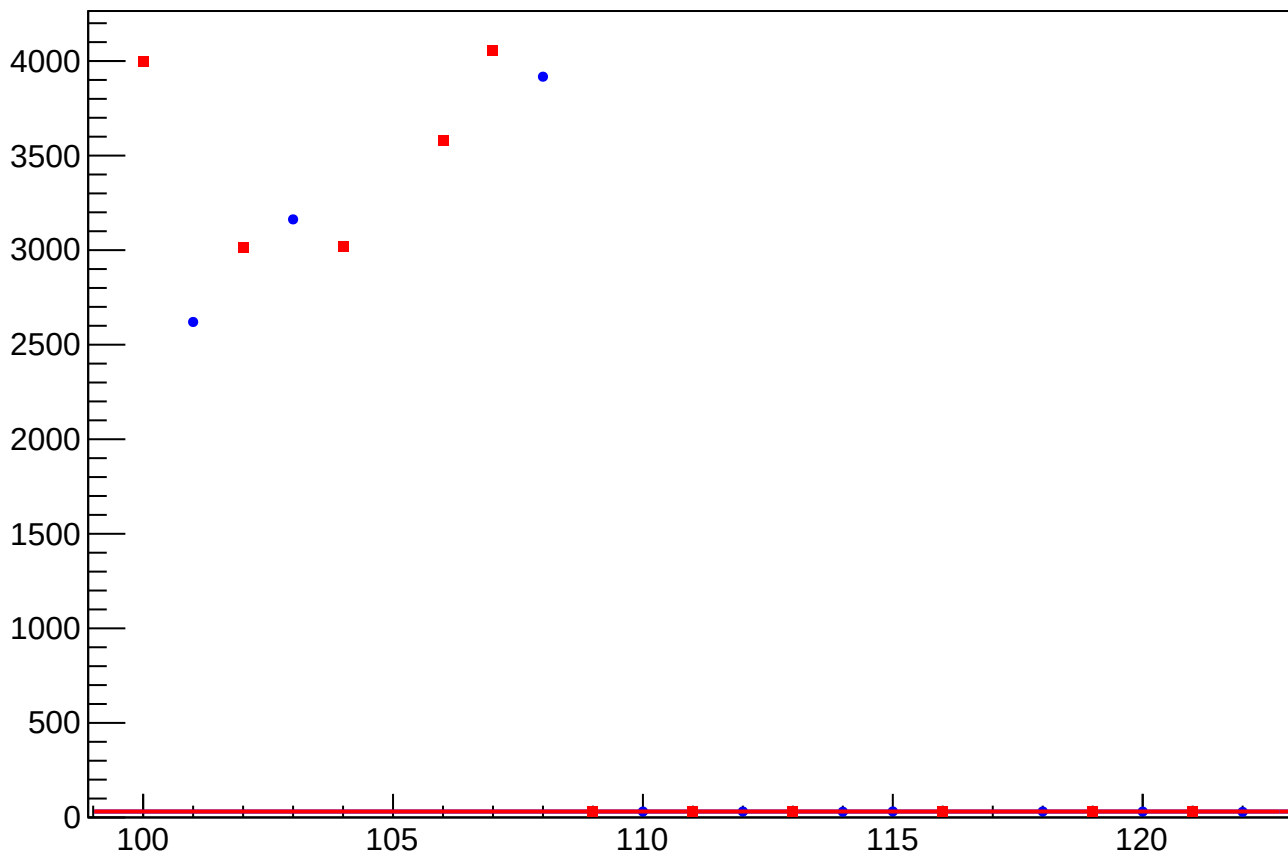
Right: 0.114+/-13.888 χ^2/NDF : 67.9/20

In: 6.365+/-19.868 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-13.888 χ^2/NDF : 67.9/20

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.295+/-0.014 χ^2/NDF : 3244722.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.425+/-0.014 χ^2/NDF : 3536334.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

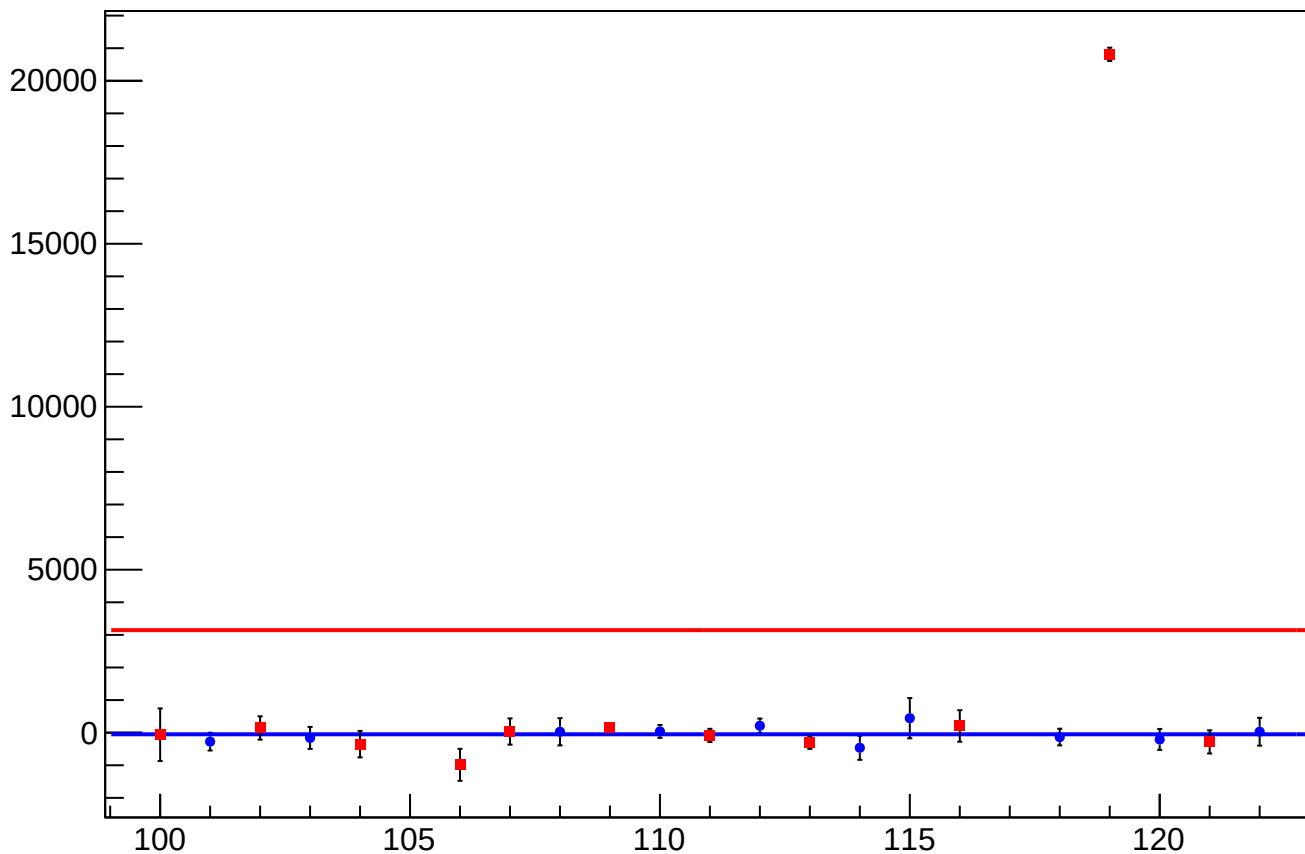
Right: 31.361+/-0.010 χ^2/NDF : 6781101.0/20

In: 31.295+/-0.014 χ^2/NDF : 3244722.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.361+/-0.010 χ^2/NDF : 6781101.0/20

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -49.664+/-93.404 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3145.487+/-80.070 χ^2/NDF : 8885.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

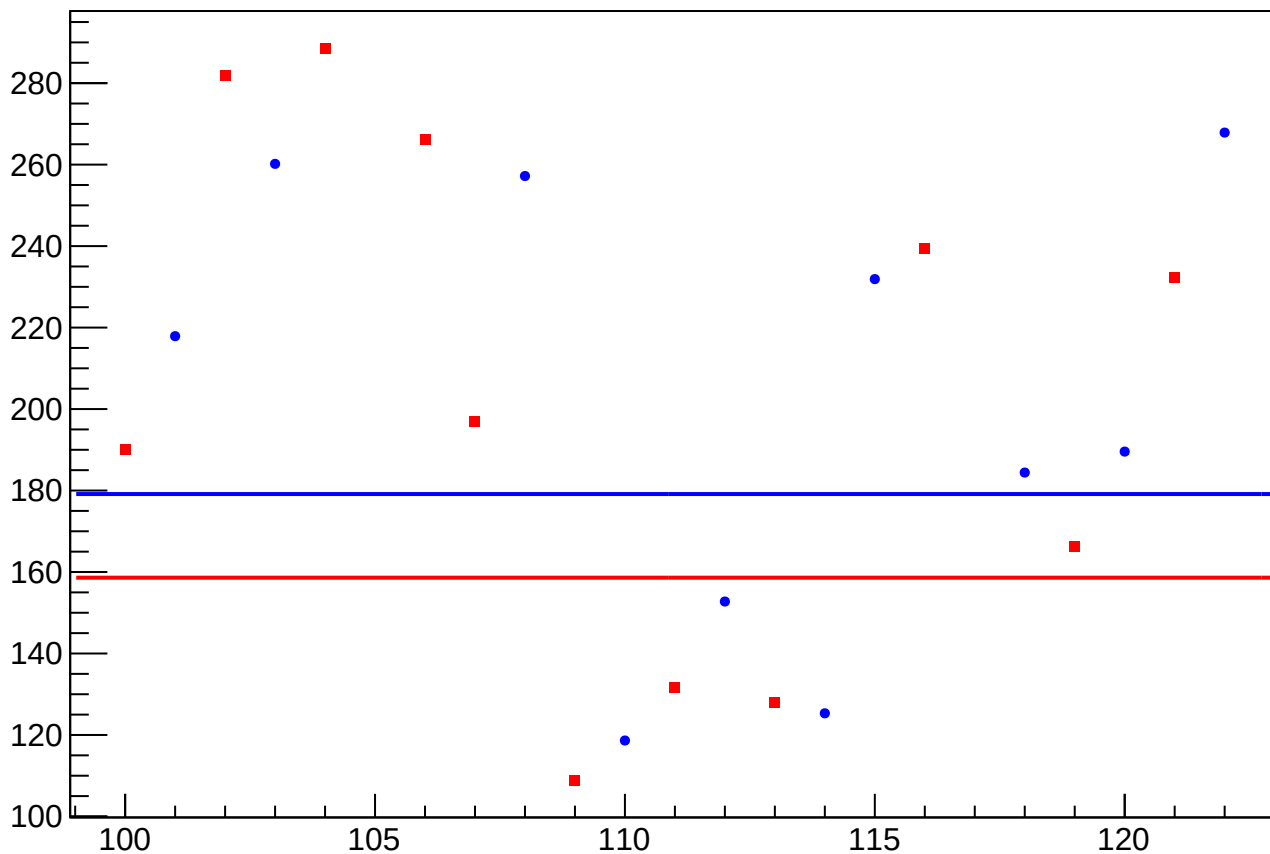
Right: 1792.067+/-60.791 χ^2/NDF : 9565.0/20

In: -49.664+/-93.404 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1792.067+/-60.791 χ^2/NDF : 9565.0/20

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 179.140+/-0.066 χ^2/NDF : 588889.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 158.610+/-0.057 χ^2/NDF : 997869.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

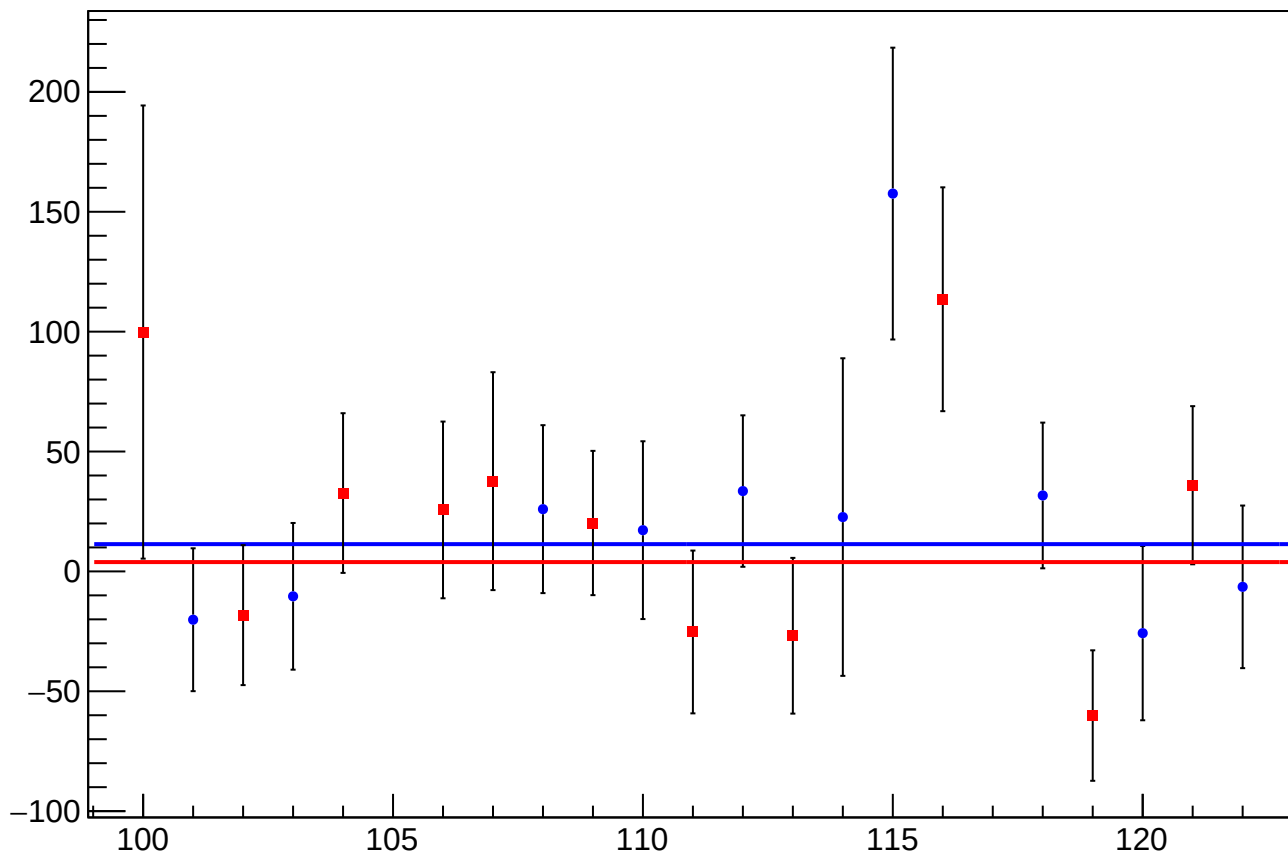
Right: 167.307+/-0.043 χ^2/NDF : 1642451.5/20

In: 179.140+/-0.066 χ^2/NDF :588889.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.307+/-0.043 χ^2/NDF : 1642451.5/20

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 11.369+/-11.217 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.885+/-10.508 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

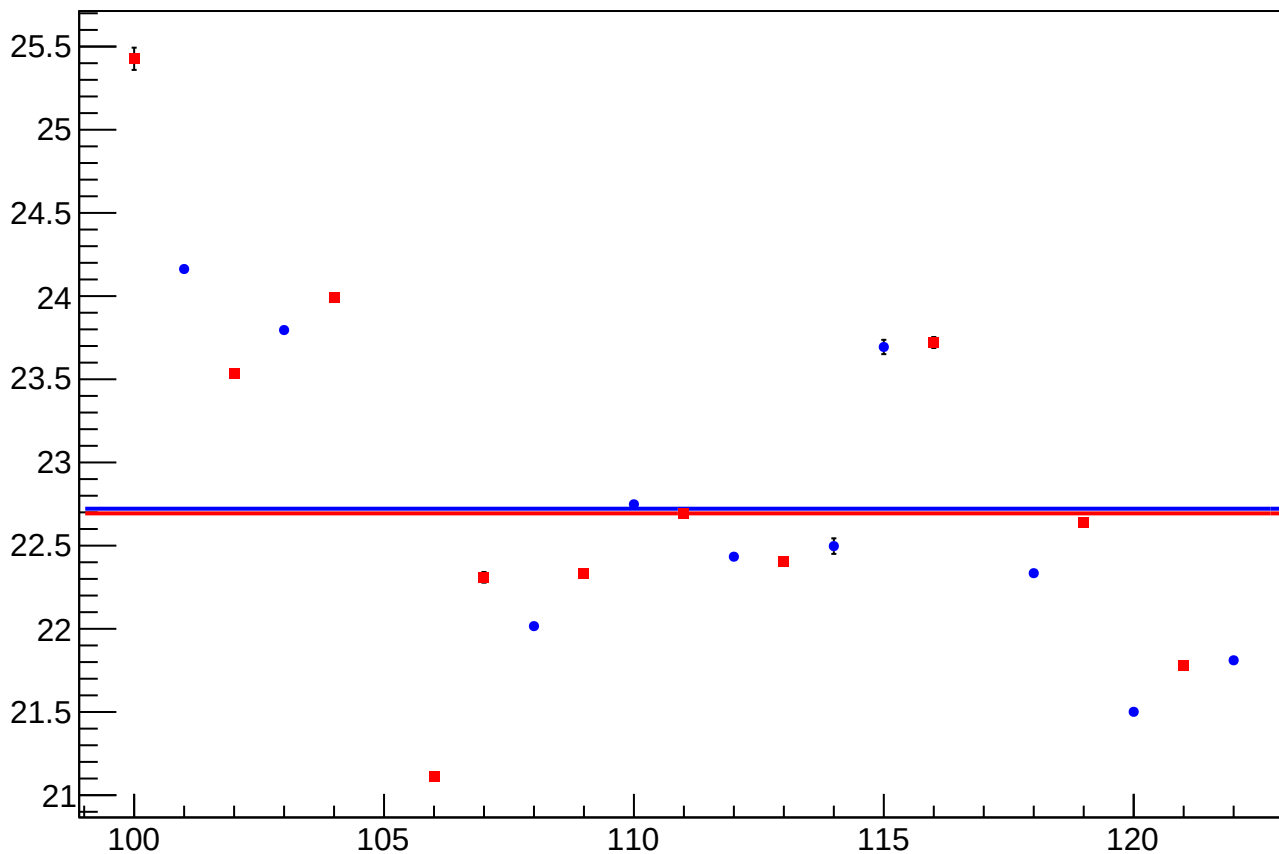
Right: 7.383+/-7.669 χ^2/NDF : 27.3/20

In: 11.369+/-11.217 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.383+/-7.669 χ^2/NDF : 27.3/20

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.722+/-0.008 χ^2/NDF : 12680.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.694+/-0.007 χ^2/NDF : 13127.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

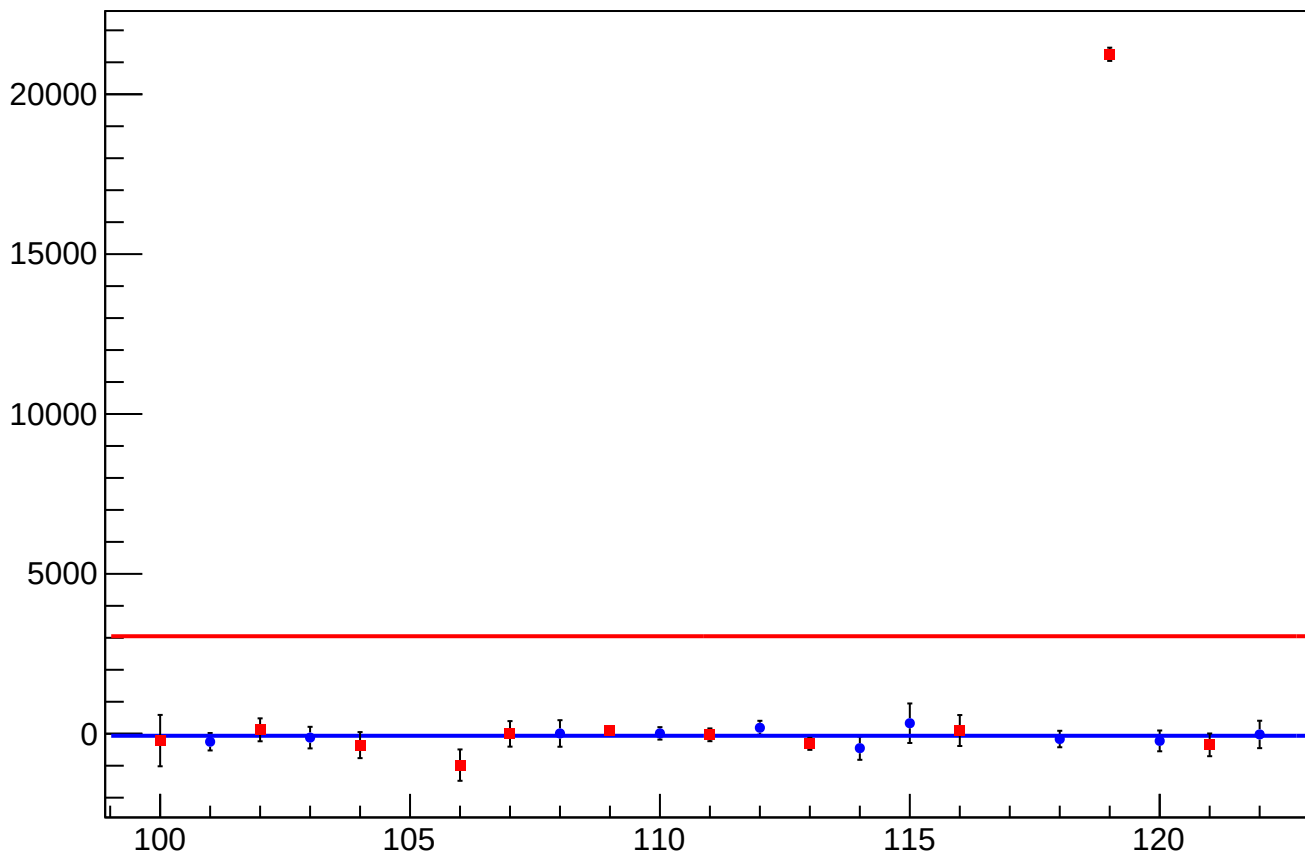
Right: 22.707+/-0.005 χ^2/NDF : 25814.0/20

In: 22.722+/-0.008 χ^2/NDF : 12680.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.707+/-0.005 χ^2/NDF : 25814.0/20

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -64.080 ± 92.940 χ^2/NDF : 3.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3049.322 ± 79.447 χ^2/NDF : 9080.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

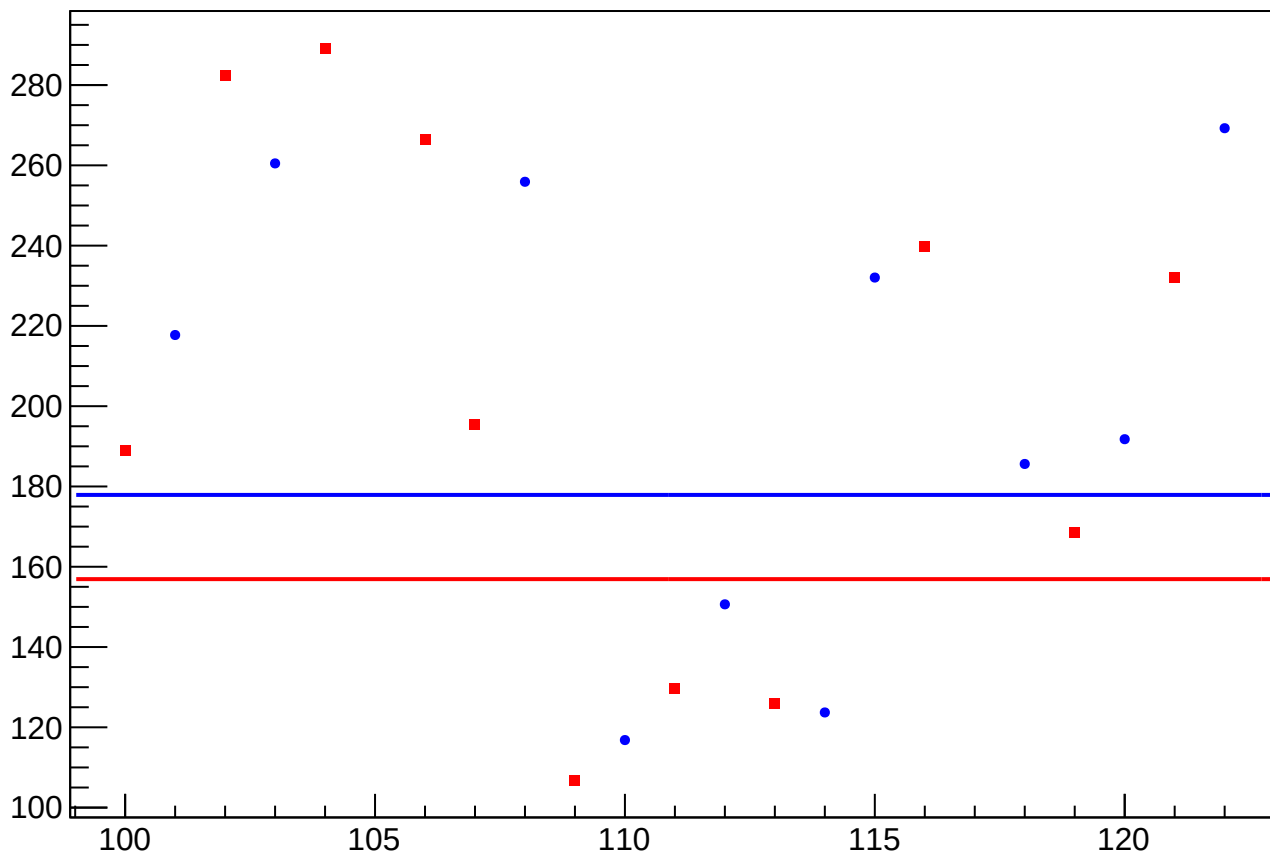
Right: 1734.836 ± 60.390 χ^2/NDF : 9733.1/20

In: -64.080 ± 92.940 χ^2/NDF : 3.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1734.836 ± 60.390 χ^2/NDF : 9733.1/20

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 177.898+/-0.066 χ^2/NDF : 617565.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.916+/-0.056 χ^2/NDF : 1040713.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

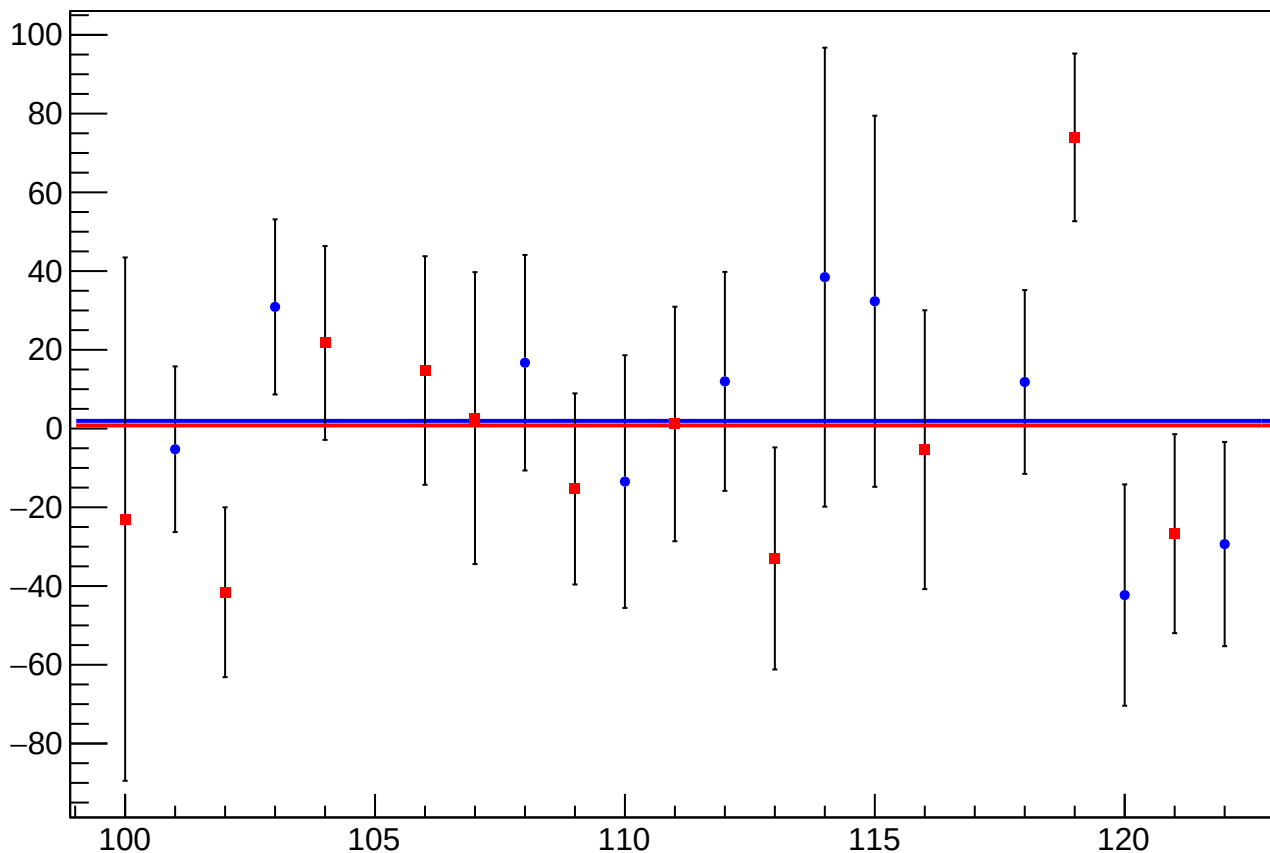
Right: 165.775+/-0.043 χ^2/NDF : 1717172.4/20

In: 177.898+/-0.066 χ^2/NDF : 617565.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.775+/-0.043 χ^2/NDF : 1717172.4/20

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 1.955+/-8.701 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.792+/-8.279 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

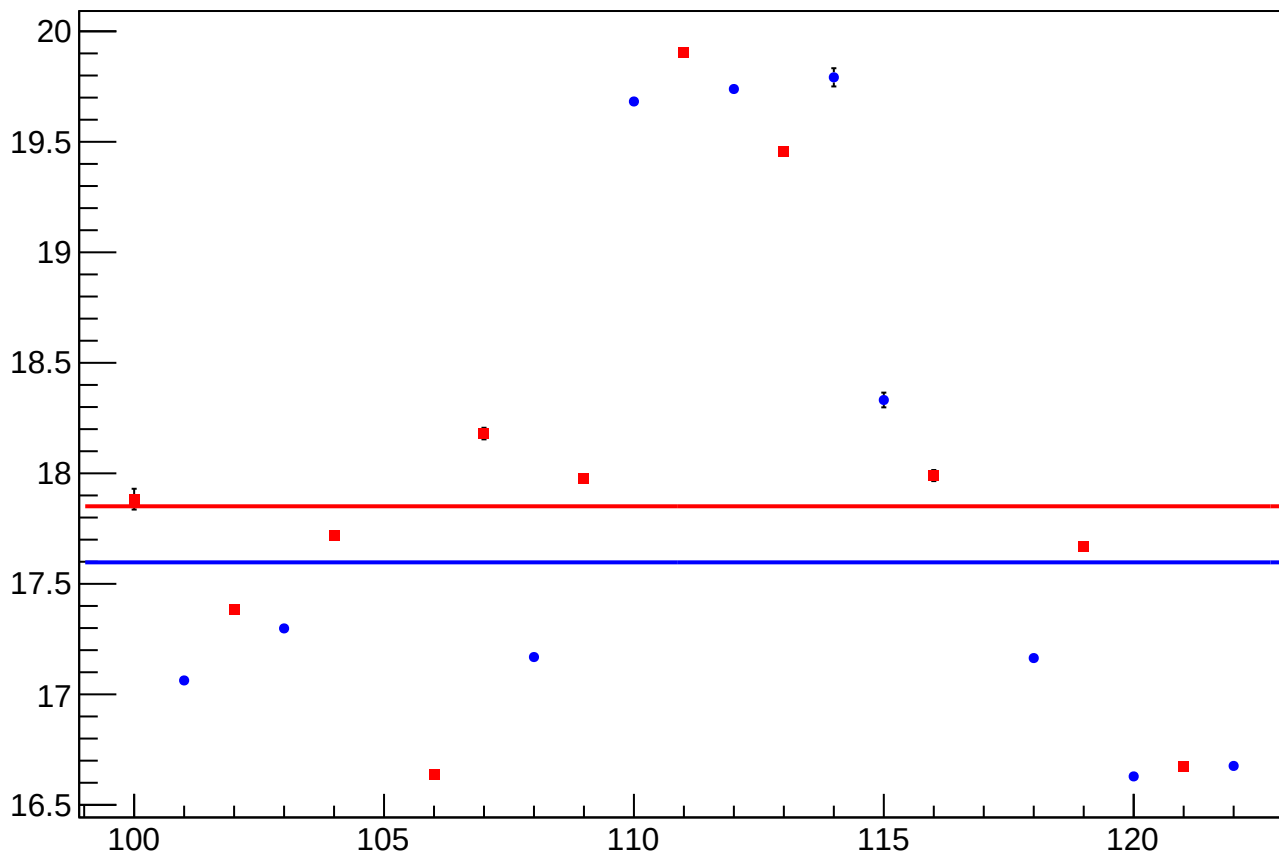
Right: 1.345+/-5.998 χ^2/NDF : 27.2/20

In: 1.955+/-8.701 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.345+/-5.998 χ^2/NDF : 27.2/20

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.597+/-0.006 χ^2/NDF : 31351.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.851+/-0.006 χ^2/NDF : 25193.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

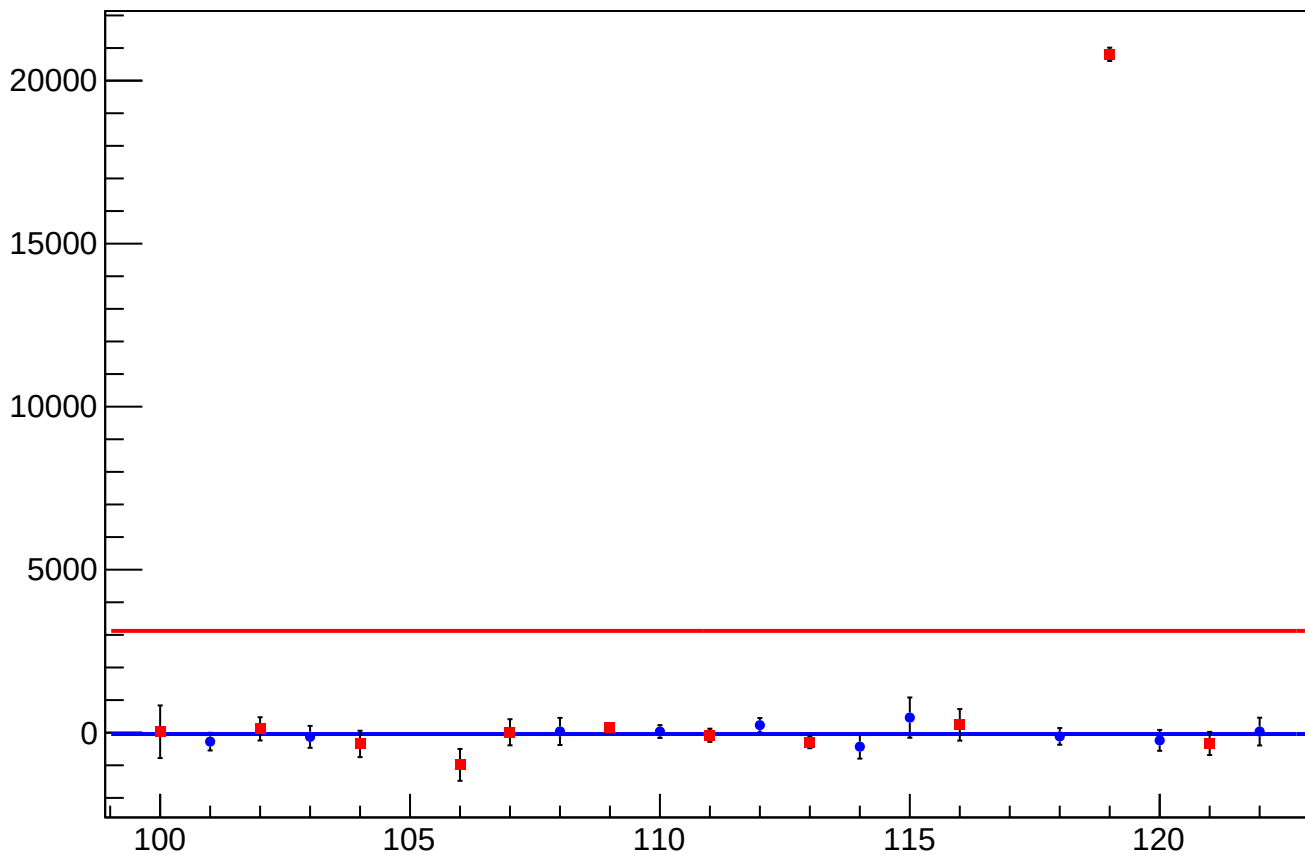
Right: 17.730+/-0.004 χ^2/NDF : 57437.1/20

In: 17.597+/-0.006 χ^2/NDF : 31351.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.730+/-0.004 χ^2/NDF : 57437.1/20

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -40.755 ± 93.070 χ^2/NDF : 4.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3122.908 ± 79.757 χ^2/NDF : 8904.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

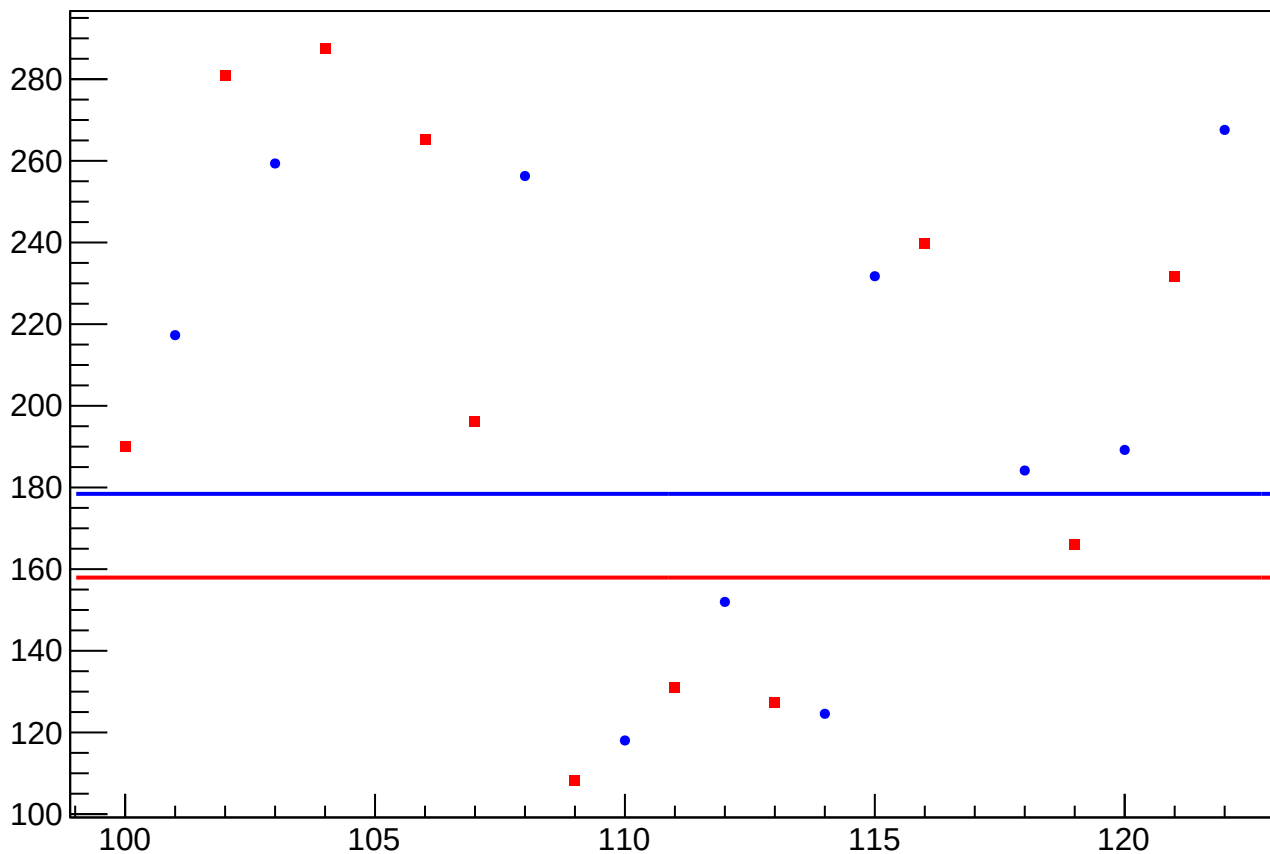
Right: 1783.343 ± 60.561 χ^2/NDF : 9575.4/20

In: -40.755 ± 93.070 χ^2/NDF : 4.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1783.343 ± 60.561 χ^2/NDF : 9575.4/20

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 178.438+/-0.066 χ^2/NDF : 593810.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.934+/-0.056 χ^2/NDF : 1003941.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

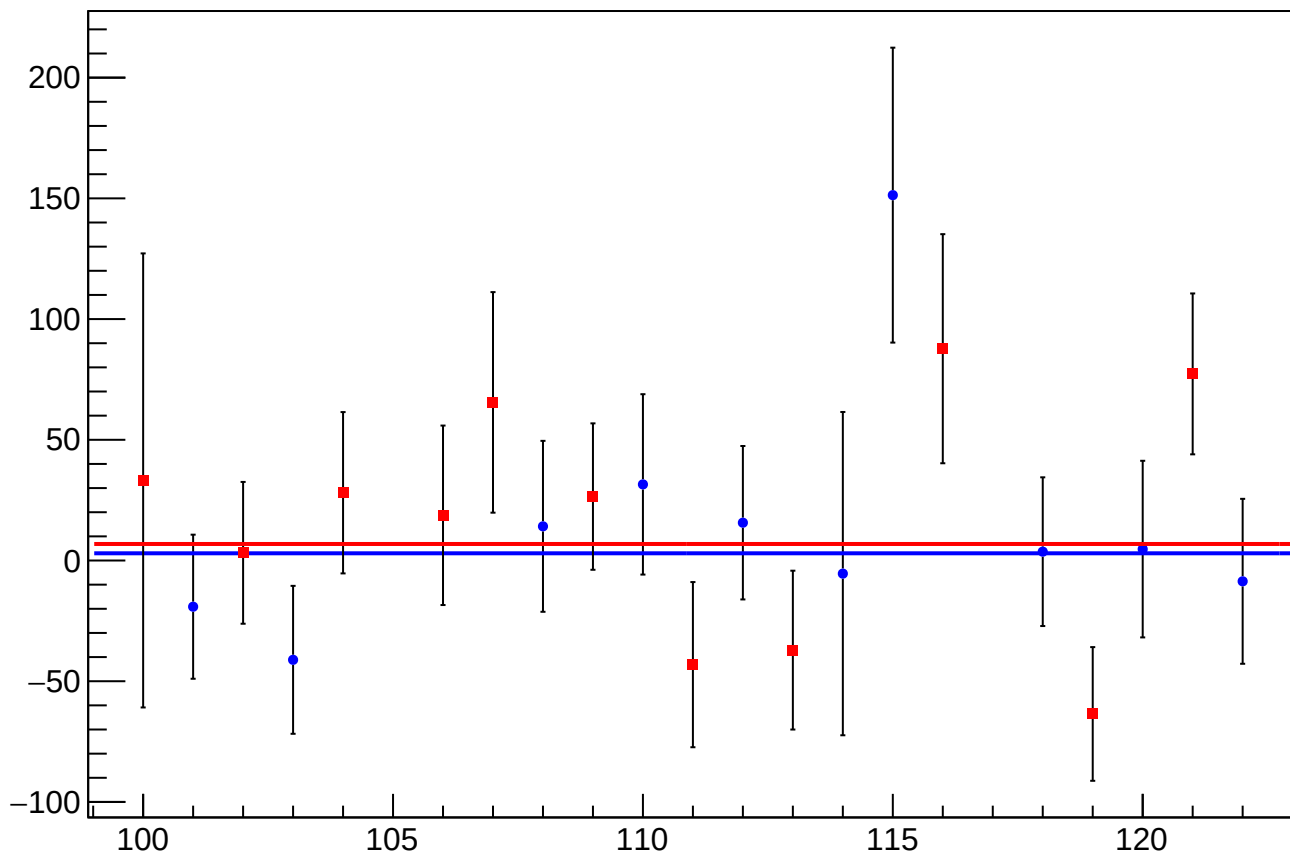
Right: 166.616+/-0.043 χ^2/NDF : 1653719.5/20

In: 178.438+/-0.066 χ^2/NDF : 593810.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.616+/-0.043 χ^2/NDF : 1653719.5/20

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 2.988+/-11.292 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.847+/-10.607 χ^2/NDF : 20.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

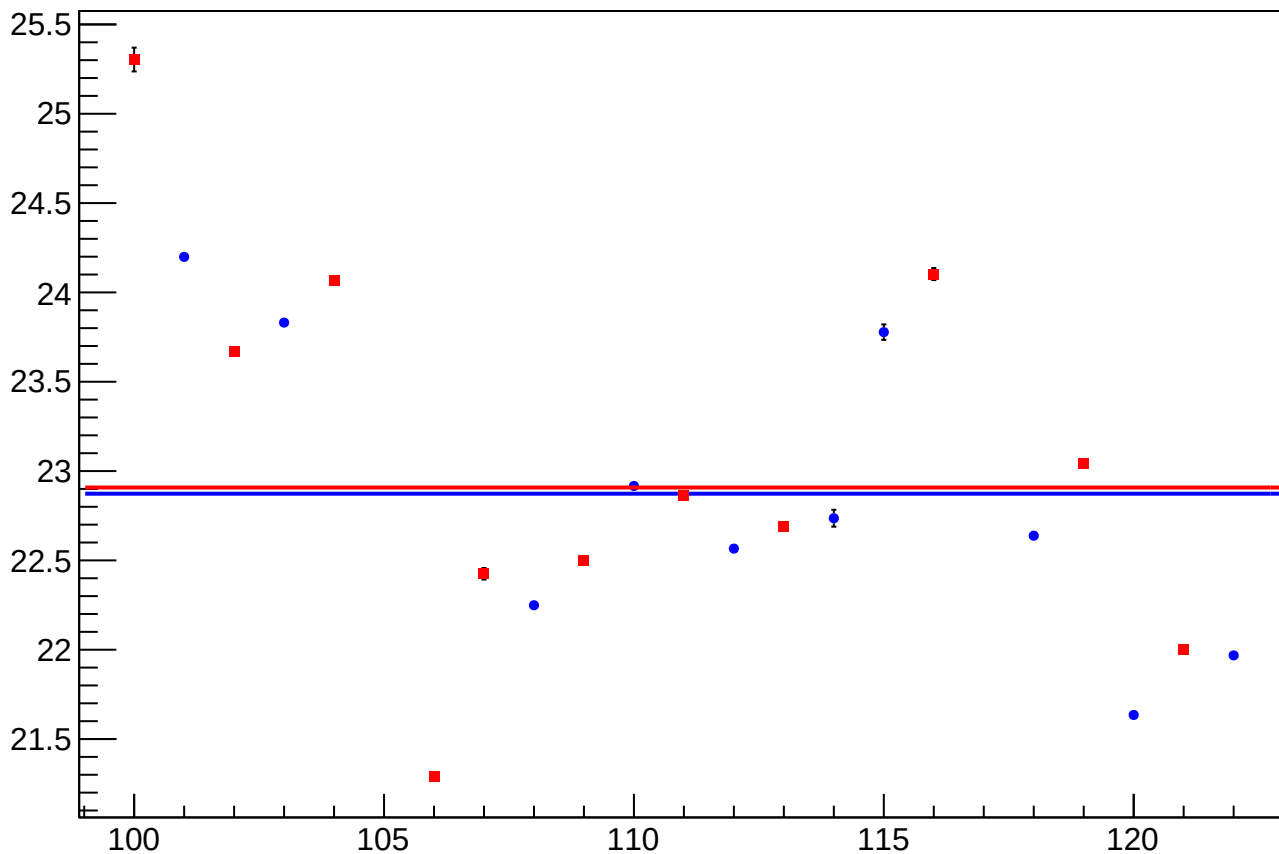
Right: 5.038+/-7.731 χ^2/NDF : 30.0/20

In: 2.988+/-11.292 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.038+/-7.731 χ^2/NDF : 30.0/20

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.873+/-0.008 χ^2/NDF : 10973.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.908+/-0.008 χ^2/NDF : 12301.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

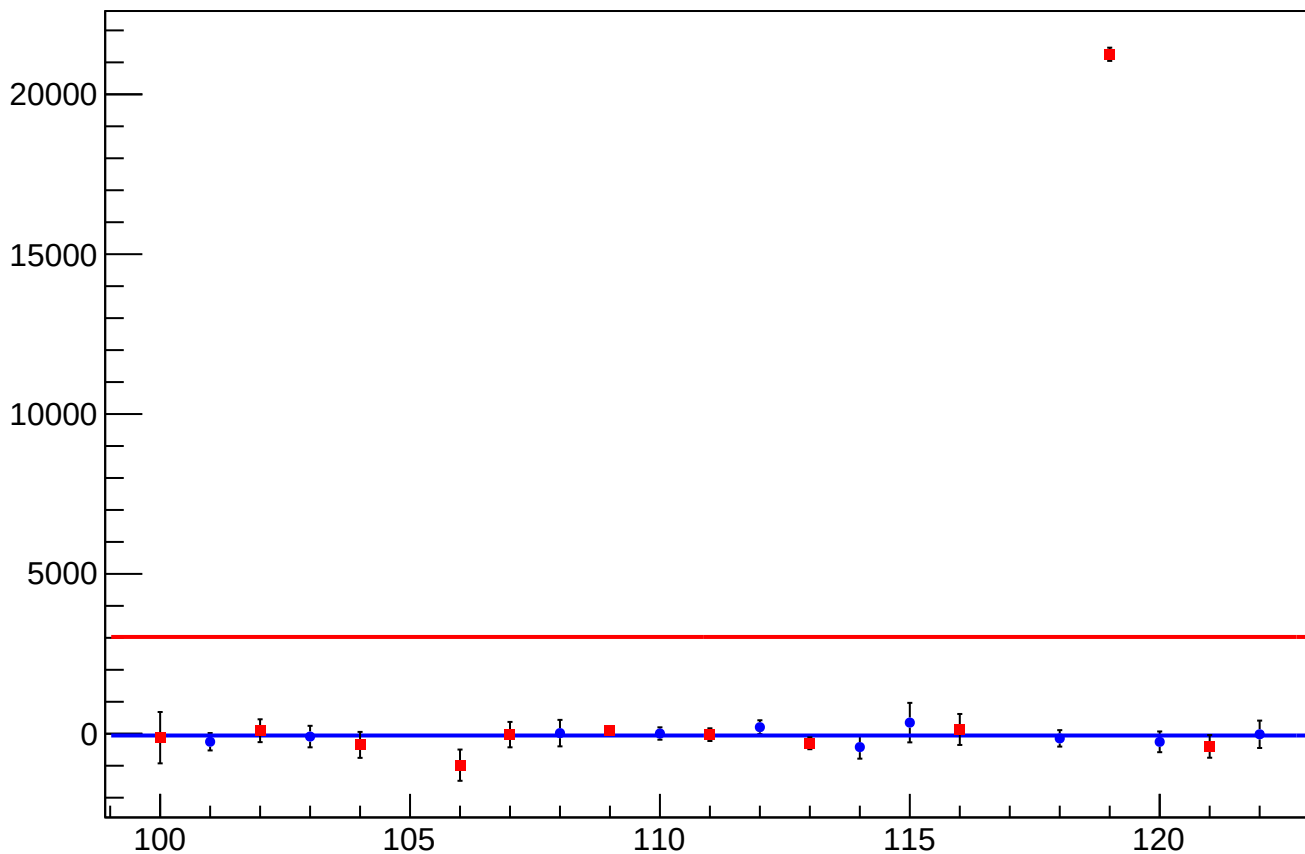
Right: 22.892+/-0.005 χ^2/NDF : 23285.7/20

In: 22.873+/-0.008 χ^2/NDF : 10973.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.892+/-0.005 χ^2/NDF : 23285.7/20

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -54.933+/-92.602 χ^2/NDF : 4.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3027.654+/-79.128 χ^2/NDF : 9105.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

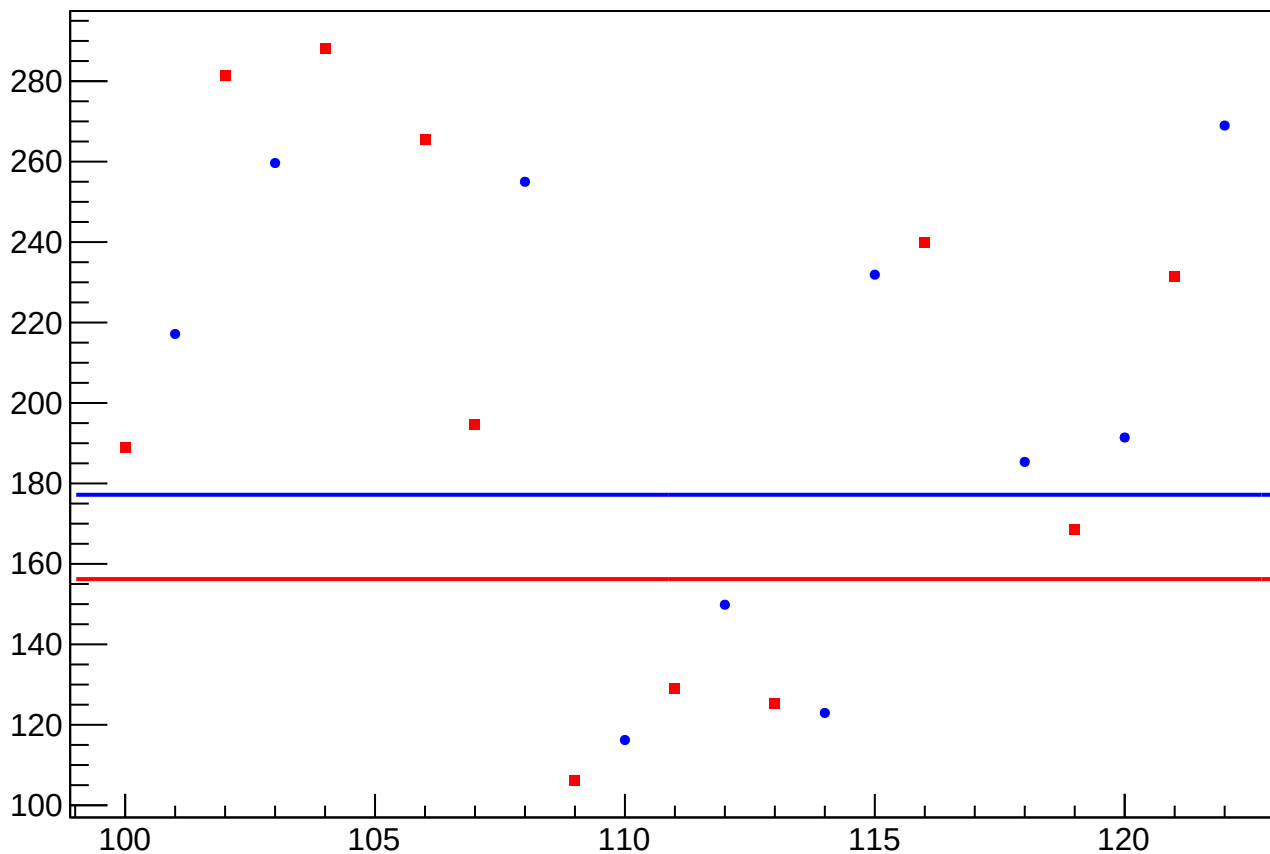
Right: 1726.736+/-60.157 χ^2/NDF : 9750.2/20

In: -54.933+/-92.602 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.736+/-60.157 χ^2/NDF : 9750.2/20

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 177.185+/-0.065 χ^2/NDF : 622888.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.226+/-0.056 χ^2/NDF : 1047330.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

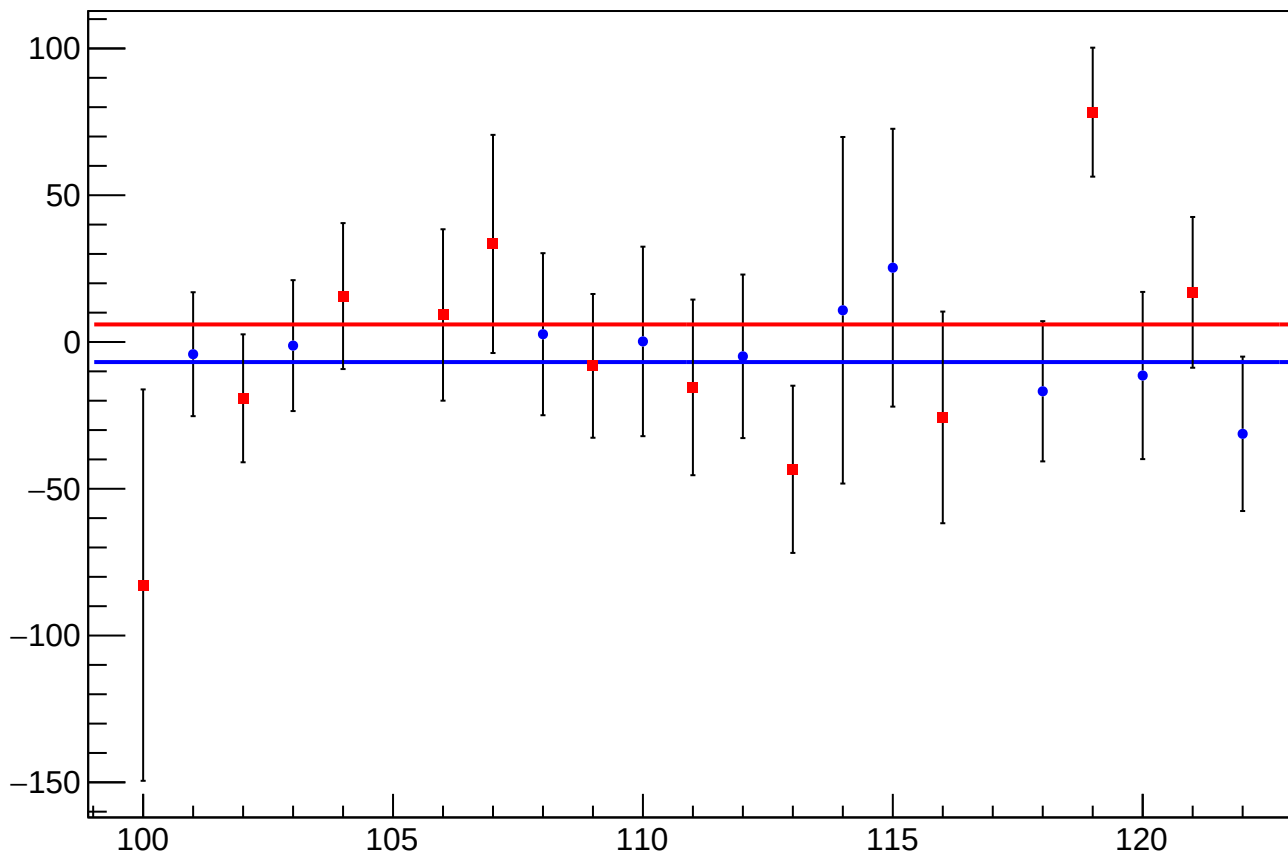
Right: 165.071+/-0.043 χ^2/NDF : 1729435.2/20

In: 177.185+/-0.065 χ^2/NDF : 622888.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.071+/-0.043 χ^2/NDF : 1729435.2/20

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -6.835+/-8.777 χ^2/NDF : 1.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.983+/-8.386 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

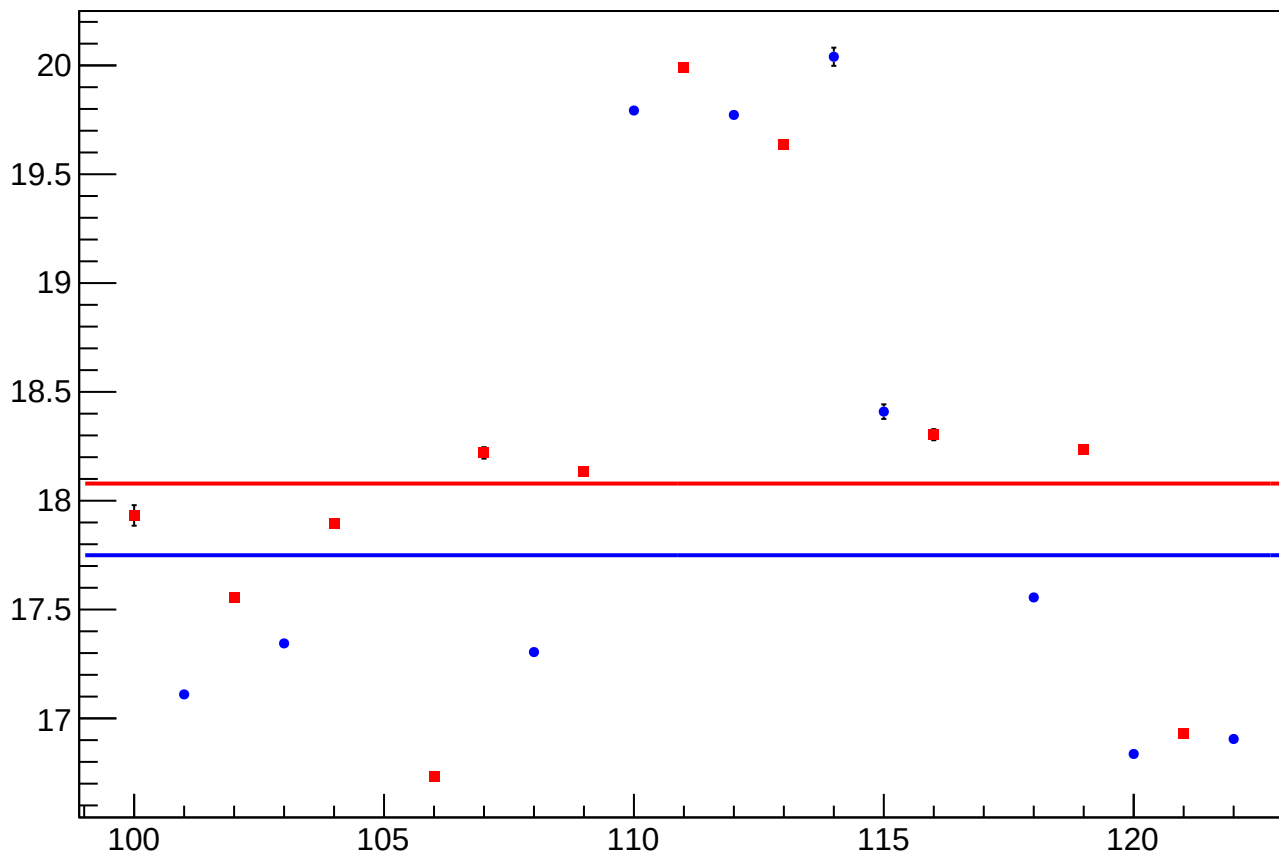
Right: -0.134+/-6.063 χ^2/NDF : 22.4/20

In: -6.835+/-8.777 χ^2/NDF : 1.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.134+/-6.063 χ^2/NDF : 22.4/20

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.750+/-0.006 χ^2/NDF : 29226.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.079+/-0.006 χ^2/NDF : 23874.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

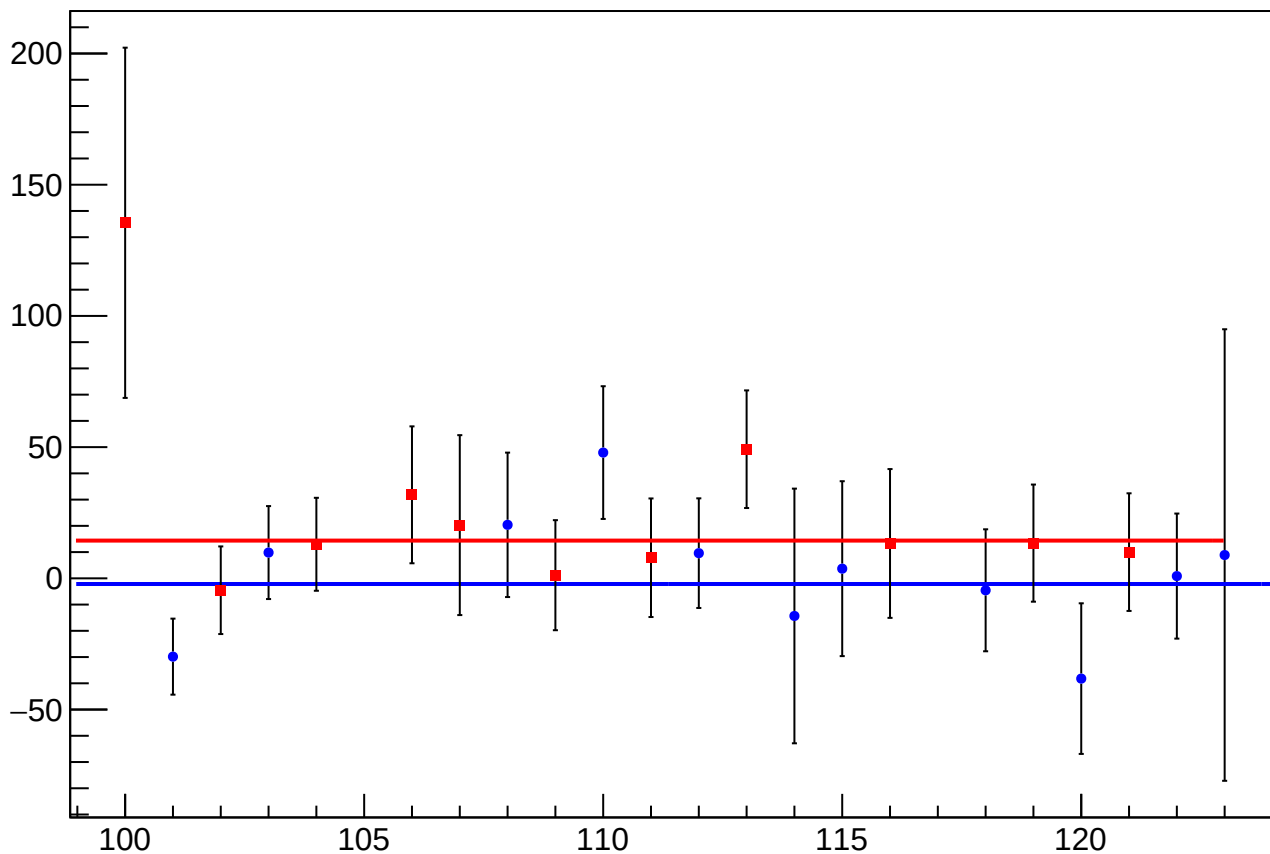
Right: 17.922+/-0.004 χ^2/NDF : 54573.0/20

In: 17.750+/-0.006 χ^2/NDF : 29226.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.922+/-0.004 χ^2/NDF : 54573.0/20

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -2.161+/-7.177 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.384+/-6.936 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

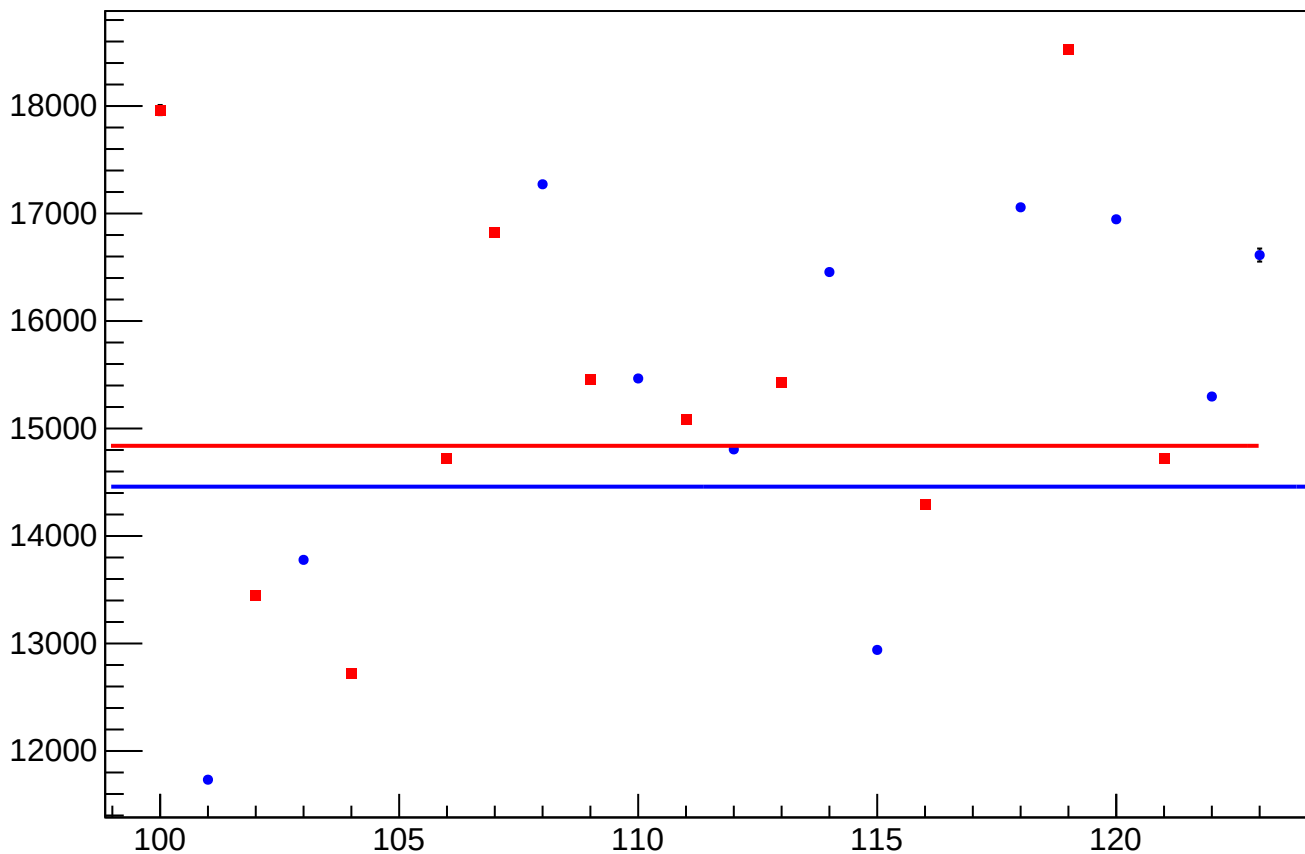
Right: 6.394+/-4.988 χ^2/NDF : 21.5/21

In: -2.161+/-7.177 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.394+/-4.988 χ^2/NDF : 21.5/21

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14459.038+/-5.075 χ^2/NDF : 149692.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14838.997+/-4.905 χ^2/NDF : 112384.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

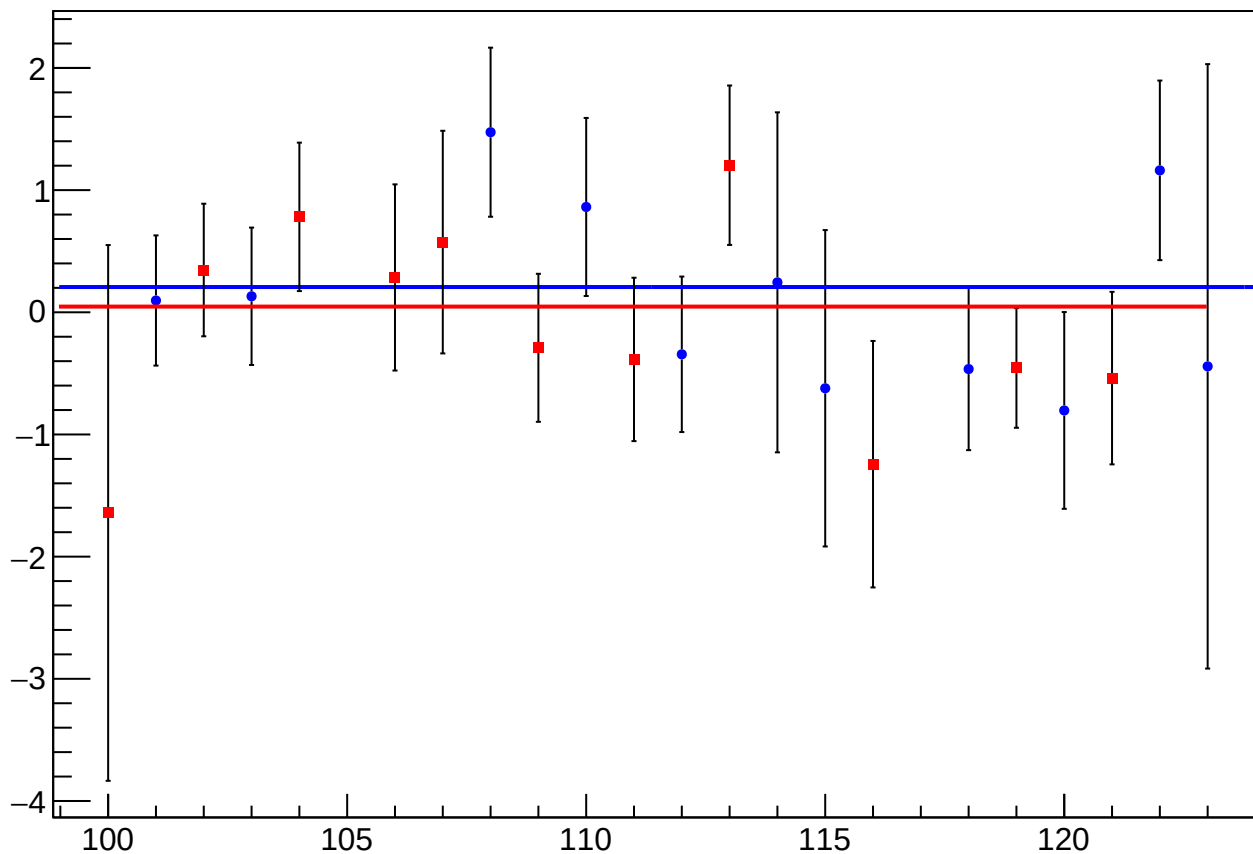
Right: 14655.498+/-3.527 χ^2/NDF : 264975.6/21

In: 14459.038+/-5.075 χ^2/NDF :149692.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14655.498+/-3.527 χ^2/NDF : 264975.6/21

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.207+/-0.223 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.205 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

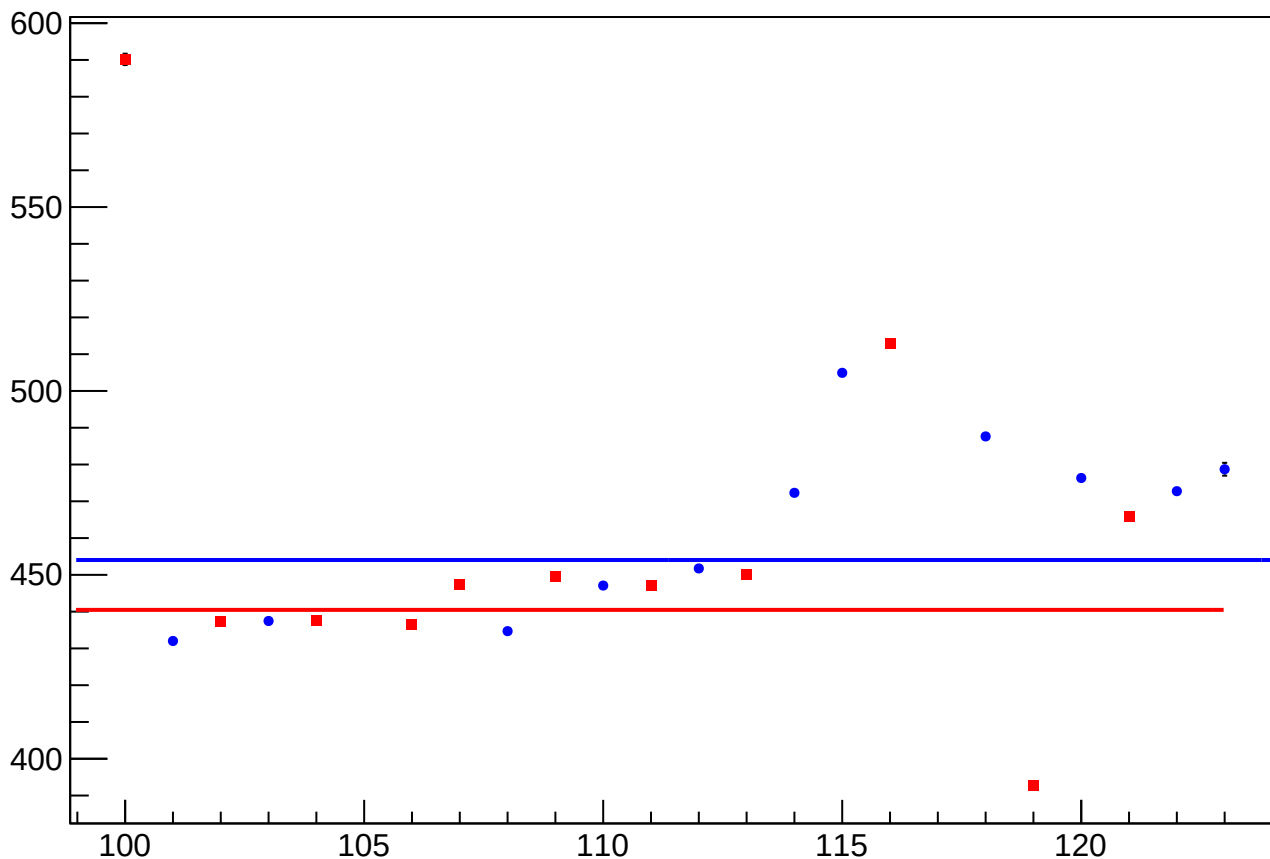
Right: 0.120+/-0.151 χ^2/NDF : 20.1/21

In: 0.207+/-0.223 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.151 χ^2/NDF : 20.1/21

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 454.037+/-0.158 χ^2/NDF : 18511.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.478+/-0.145 χ^2/NDF : 42587.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

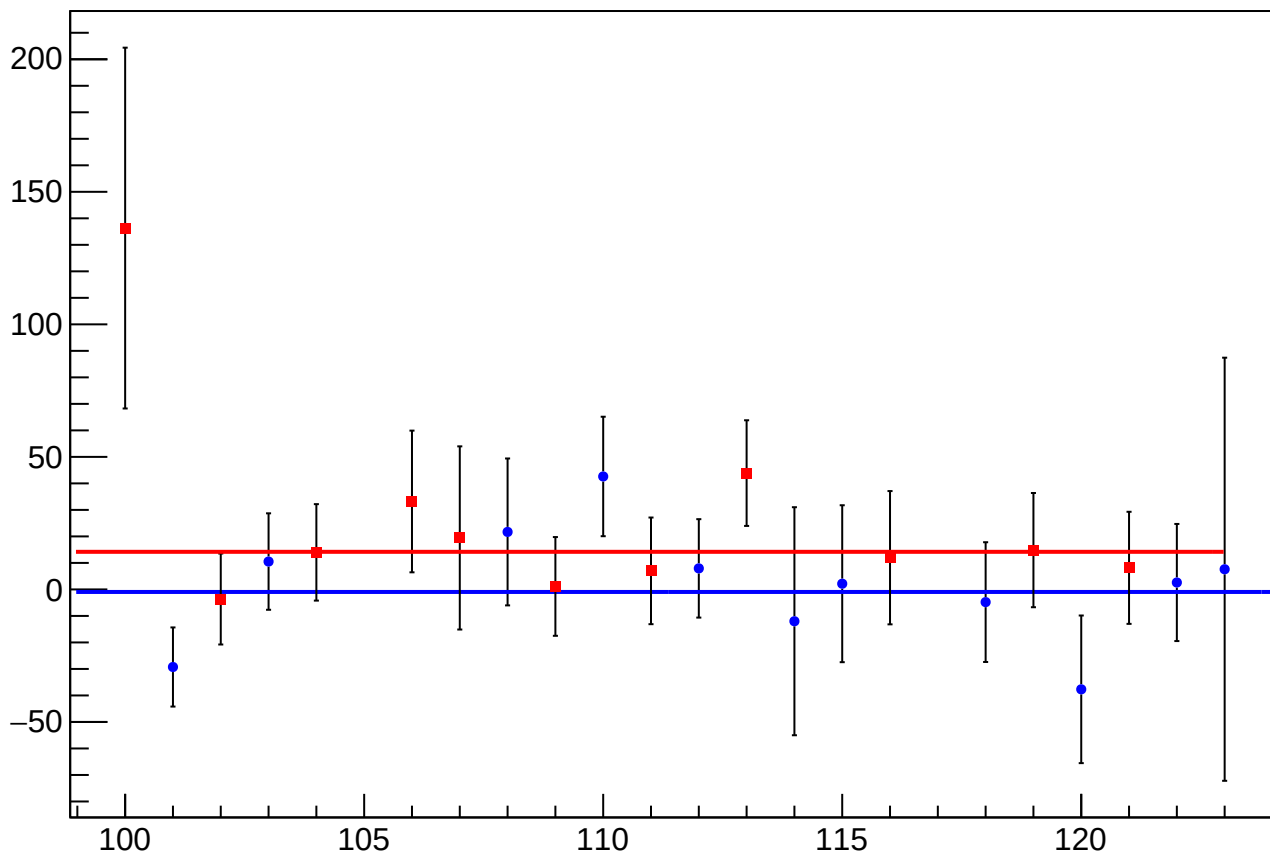
Right: 446.693+/-0.107 χ^2/NDF : 65095.1/21

In: 454.037+/-0.158 χ^2/NDF : 18511.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.693+/-0.107 χ^2/NDF : 65095.1/21

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -0.956+/-6.931 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.187+/-6.635 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

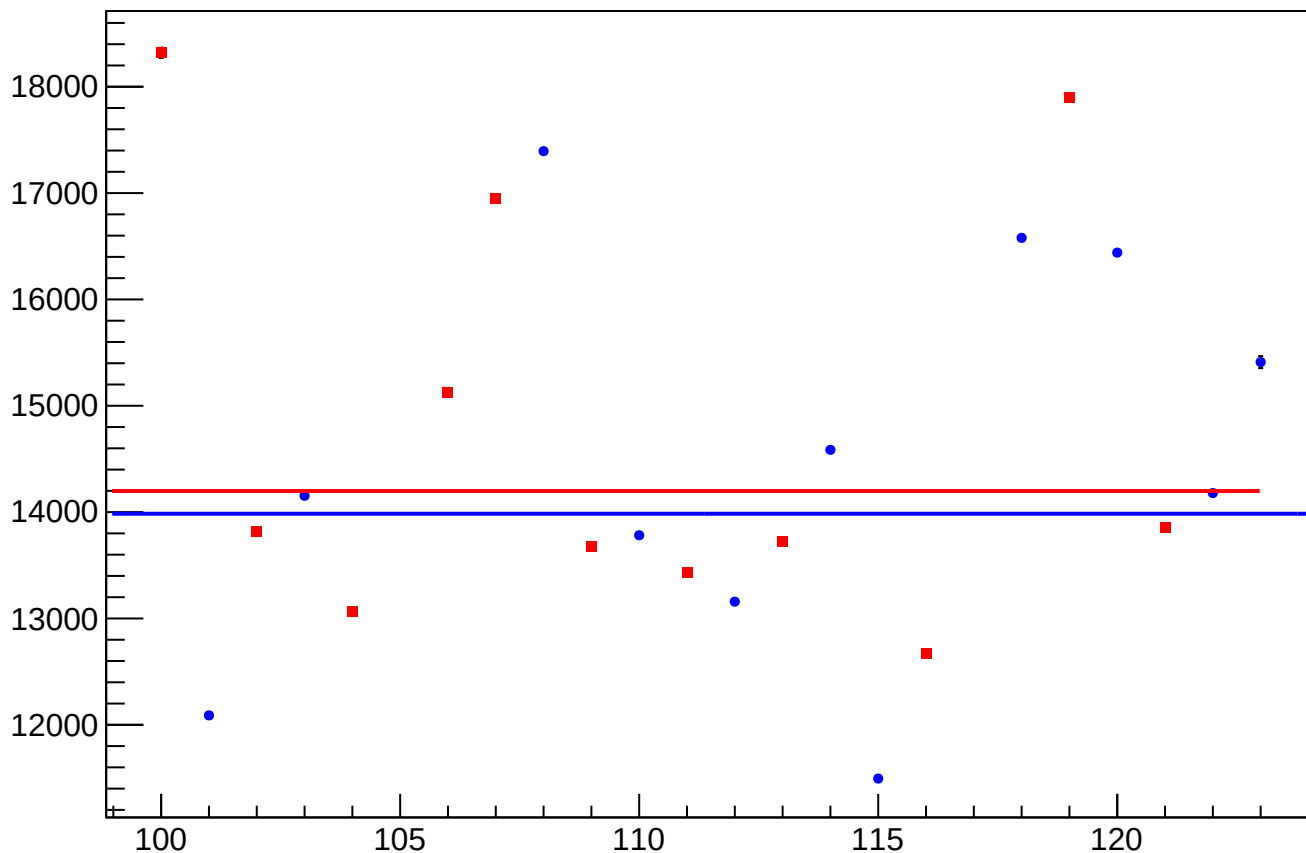
Right: 6.945+/-4.793 χ^2/NDF : 20.8/21

In: -0.956+/-6.931 χ^2/NDF :10.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.945+/-4.793 χ^2/NDF : 20.8/21

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13984.727+/-4.901 χ^2/NDF : 124112.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14198.532+/-4.692 χ^2/NDF : 103540.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

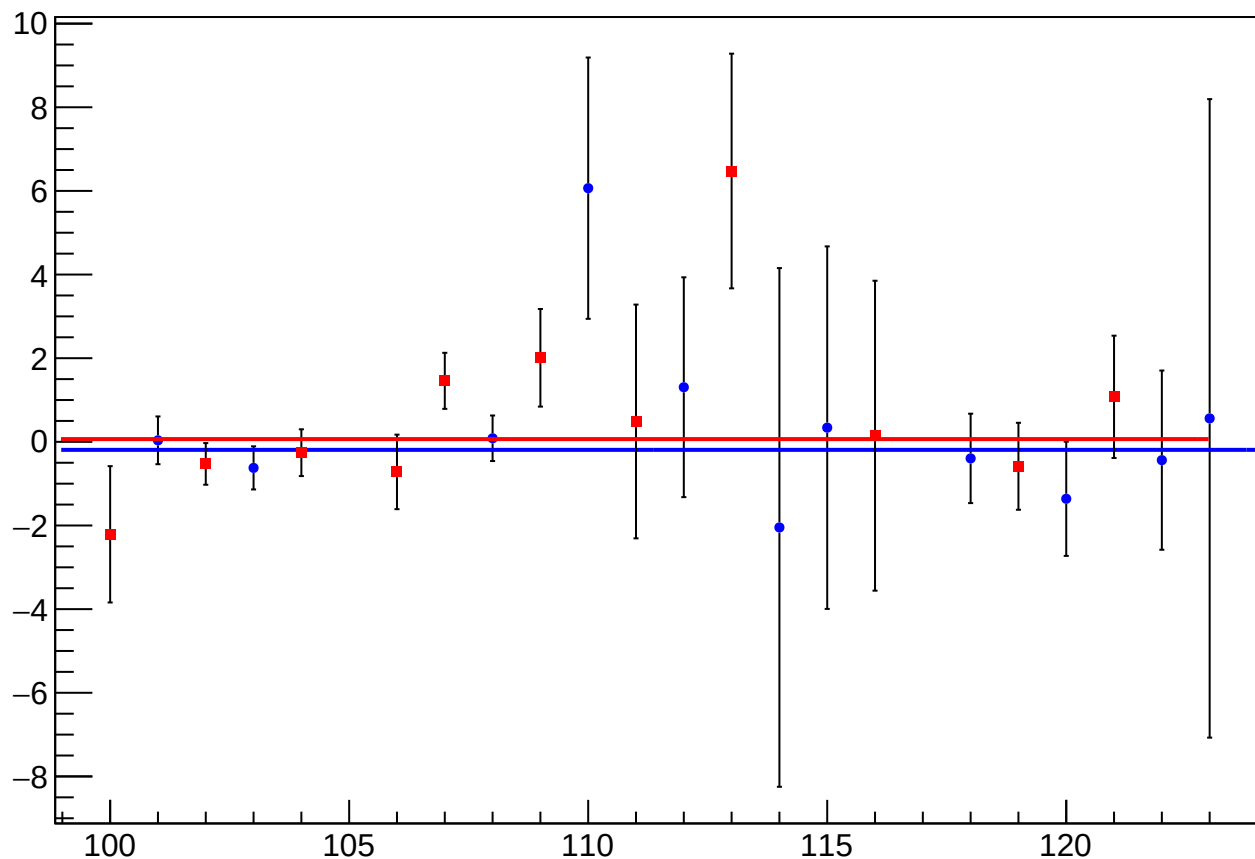
Right: 14096.282+/-3.389 χ^2/NDF : 228645.8/21

In: 13984.727+/-4.901 χ^2/NDF : 124112.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14096.282+/-3.389 χ^2/NDF : 228645.8/21

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.191 $\pm$ 0.287 χ^2 /NDF: 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.066 $\pm$ 0.272 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

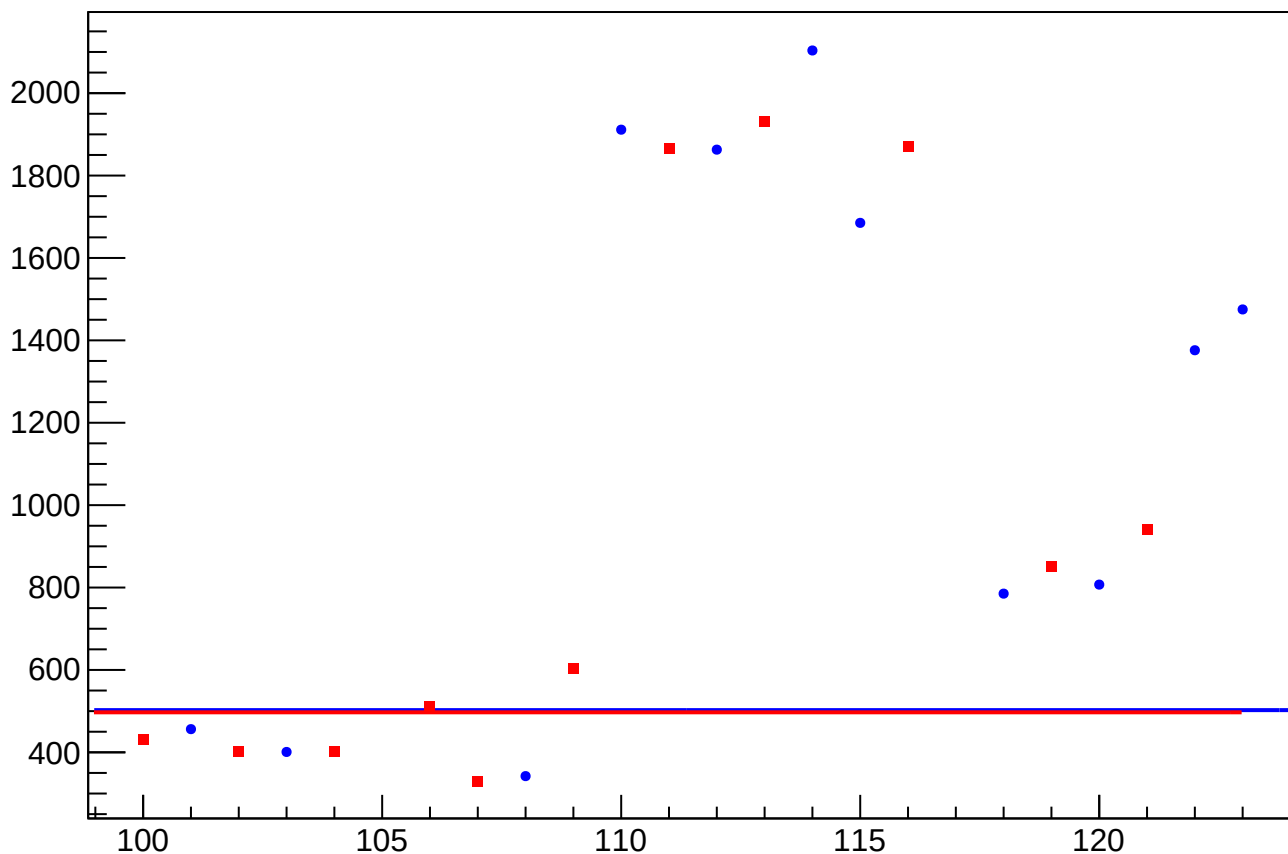
Right: -0.056 $\pm$ 0.197 χ^2 /NDF: 24.5/21

In: -0.191 $\pm$ 0.287 χ^2 /NDF:6.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.056 $\pm$ 0.197 χ^2 /NDF: 24.5/21

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 502.458+/-0.203 χ^2/NDF : 2093114.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.140+/-0.192 χ^2/NDF : 1974403.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

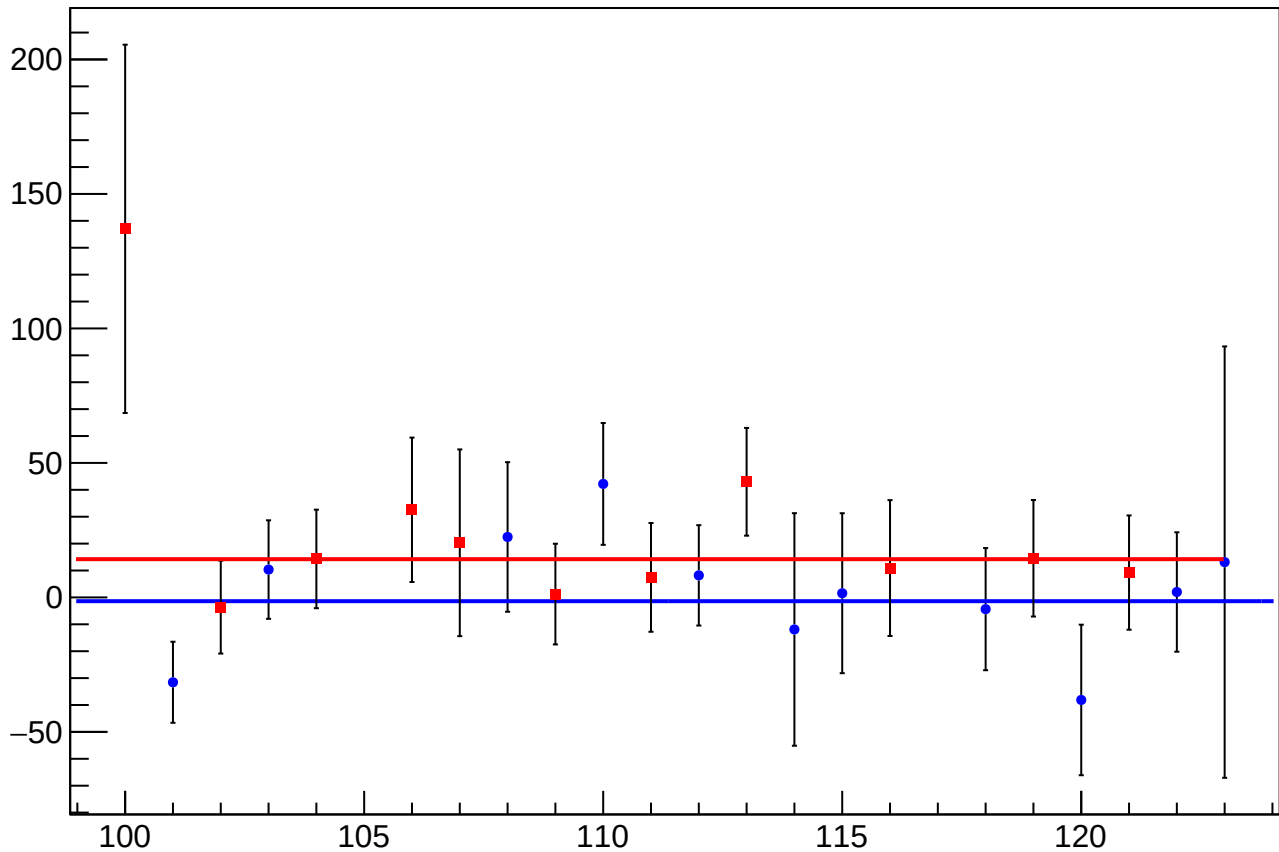
Right: 499.658+/-0.139 χ^2/NDF : 4067879.7/21

In: 502.458+/-0.203 χ^2/NDF : 2093114.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.658+/-0.139 χ^2/NDF : 4067879.7/21

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -1.402 $\pm$ 6.973 χ^2 /NDF: 11.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.210 $\pm$ 6.671 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

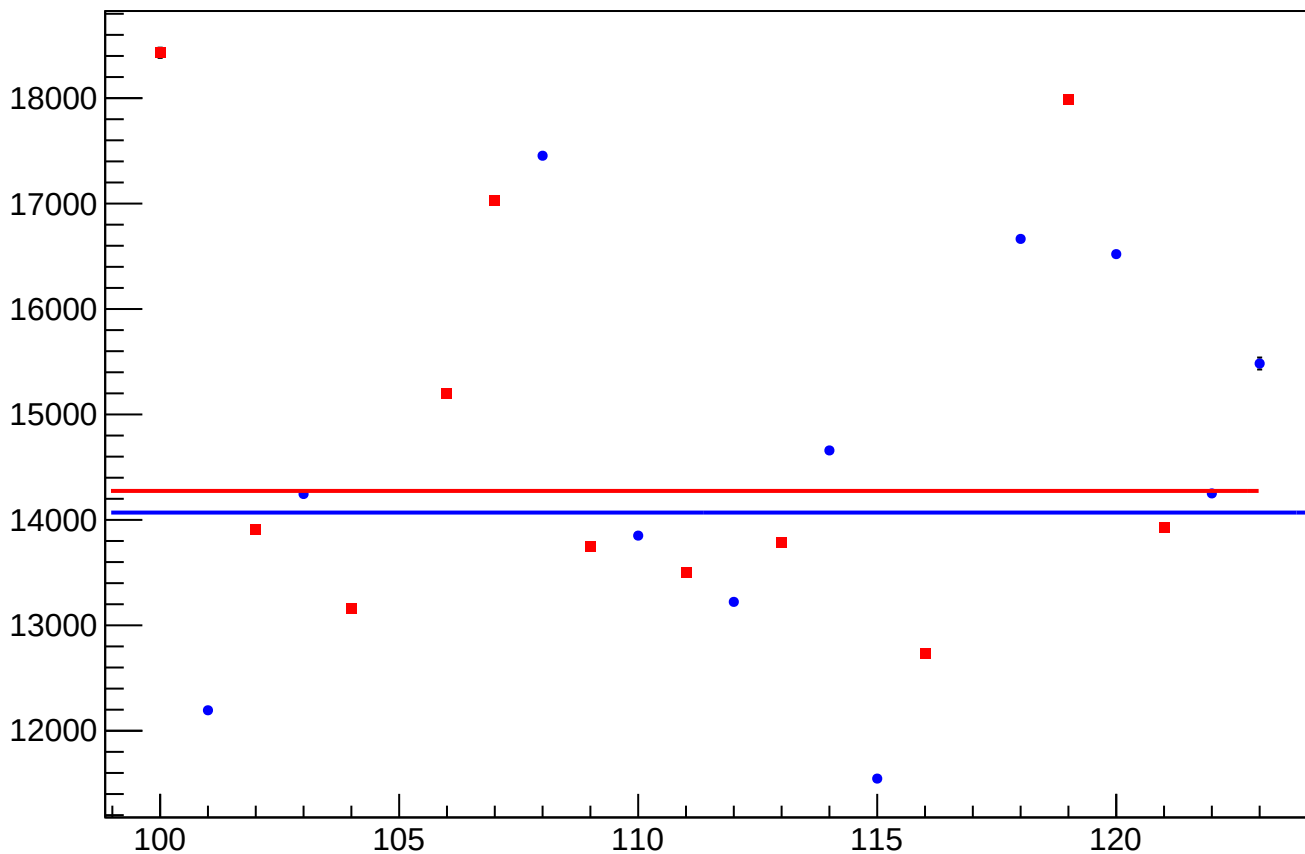
Right: 6.749 $\pm$ 4.820 χ^2 /NDF: 21.1/21

In: -1.402 $\pm$ 6.973 χ^2 /NDF:11.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.749 $\pm$ 4.820 χ^2 /NDF: 21.1/21

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14069.500+/-4.930 χ^2/NDF : 122089.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14274.753+/-4.717 χ^2/NDF : 103197.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

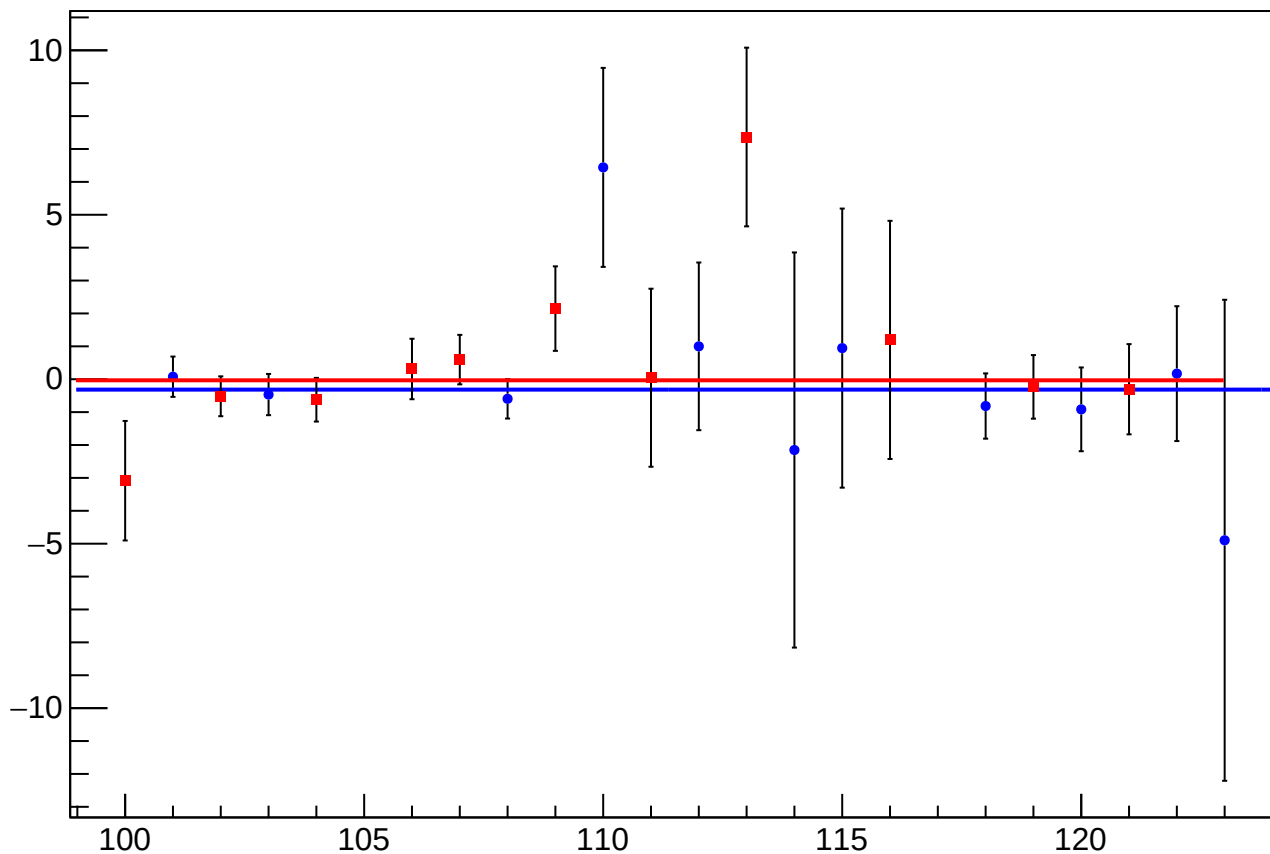
Right: 14176.666+/-3.408 χ^2/NDF : 226191.6/21

In: 14069.500+/-4.930 χ^2/NDF : 122089.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14176.666+/-3.408 χ^2/NDF : 226191.6/21

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.316 $\pm$ 0.313 χ^2 /NDF: 7.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.033 $\pm$ 0.304 χ^2 /NDF: 15.6/10

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

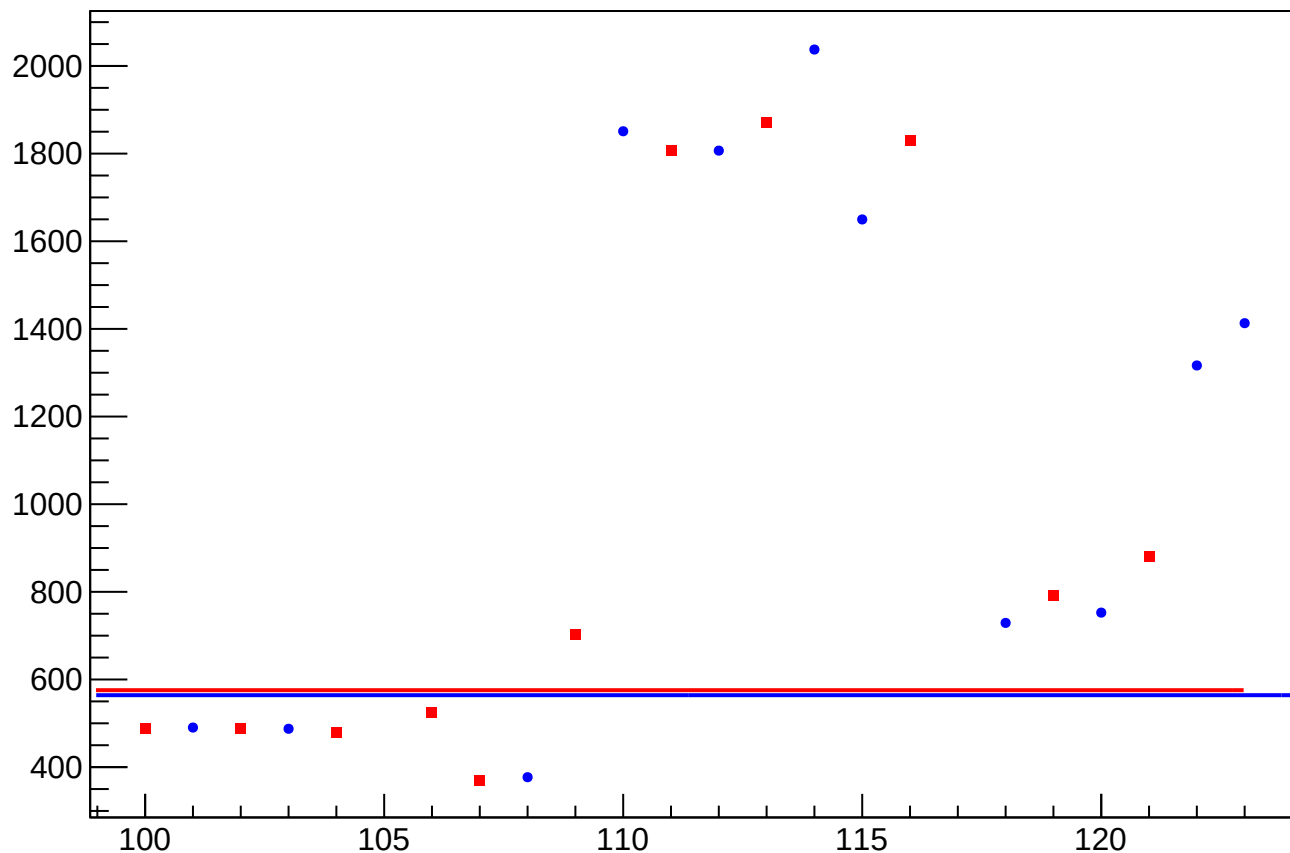
Right: -0.170 $\pm$ 0.218 χ^2 /NDF: 23.1/21

In: -0.316 $\pm$ 0.313 χ^2 /NDF:7.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.170 $\pm$ 0.218 χ^2 /NDF: 23.1/21

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 564.166+/-0.221 χ^2/NDF : 1737613.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 575.575+/-0.215 χ^2/NDF : 1571742.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

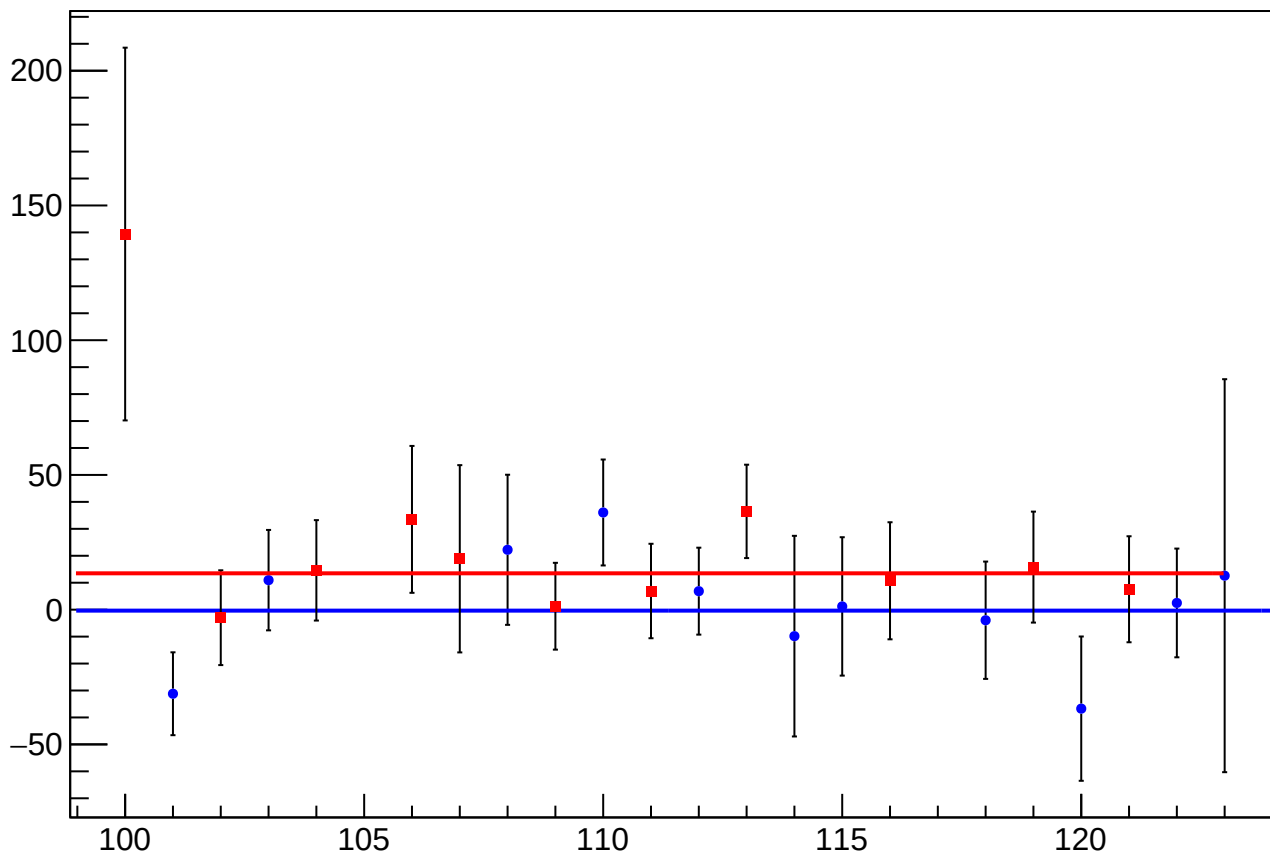
Right: 570.027+/-0.154 χ^2/NDF : 3310723.4/21

In: 564.166+/-0.221 χ^2/NDF : 1737613.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.027+/-0.154 χ^2/NDF : 3310723.4/21

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -0.359 ± 6.563 χ^2/NDF : 10.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.490 ± 6.202 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

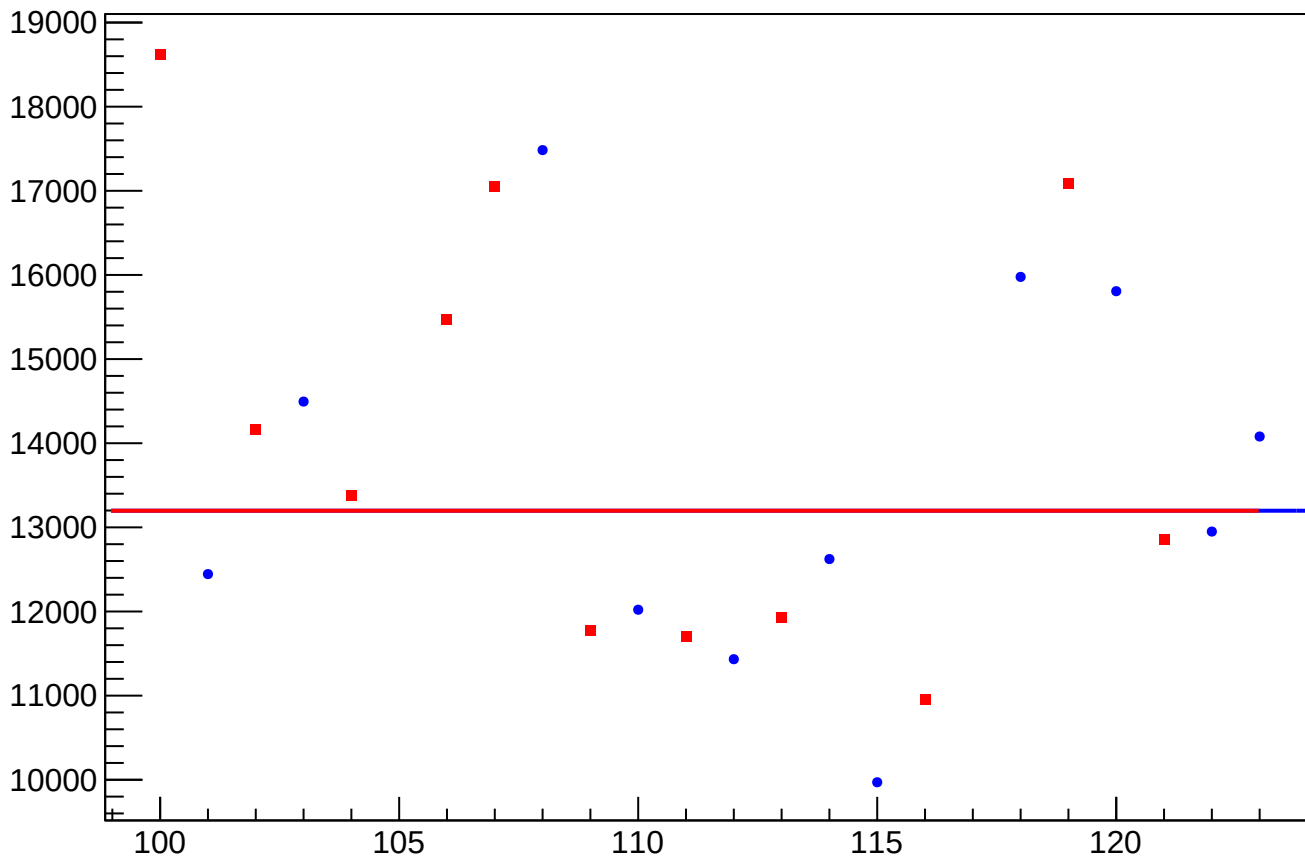
Right: 6.957 ± 4.508 χ^2/NDF : 20.4/21

In: -0.359 ± 6.563 χ^2/NDF : 10.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.957 ± 4.508 χ^2/NDF : 20.4/21

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13197.824+/-4.641 χ^2/NDF : 177197.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13197.528+/-4.385 χ^2/NDF : 191550.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

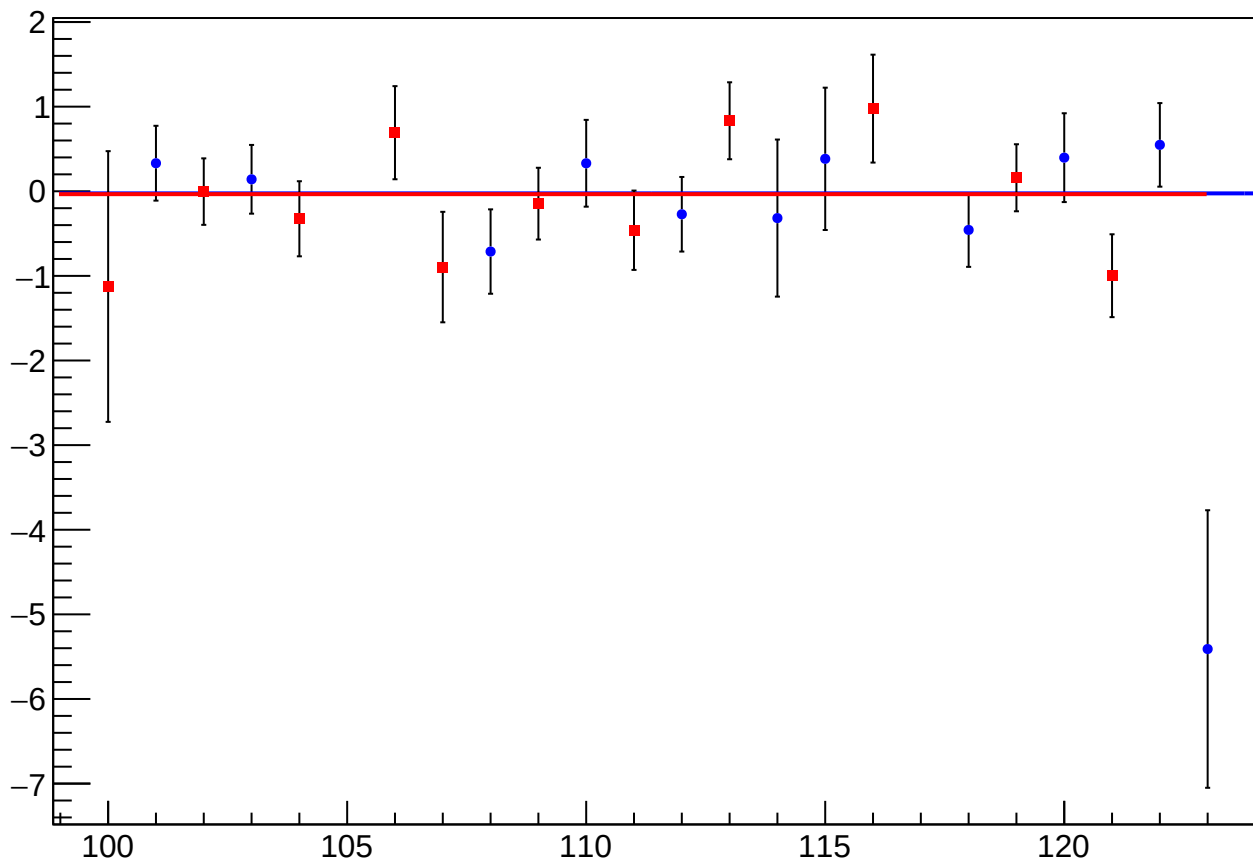
Right: 13197.668+/-3.187 χ^2/NDF : 368747.7/21

In: 13197.824+/-4.641 χ^2/NDF : 177197.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13197.668+/-3.187 χ^2/NDF : 368747.7/21

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.158 χ^2/NDF : 17.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.034 ± 0.148 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

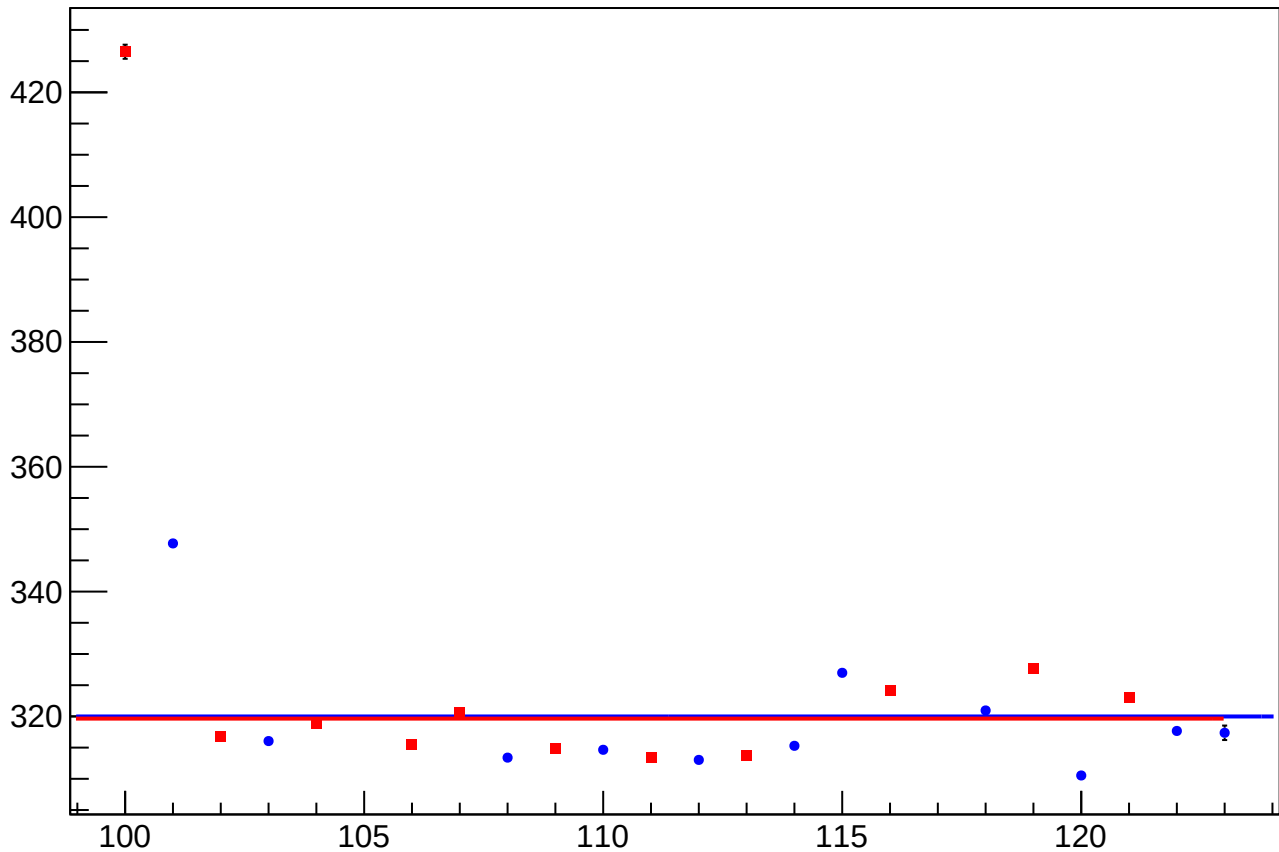
Right: -0.030 ± 0.108 χ^2/NDF : 33.2/21

In: -0.025 ± 0.158 χ^2/NDF : 17.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.108 χ^2/NDF : 33.2/21

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 319.990+/-0.112 χ^2/NDF : 10018.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.647+/-0.105 χ^2/NDF : 11133.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

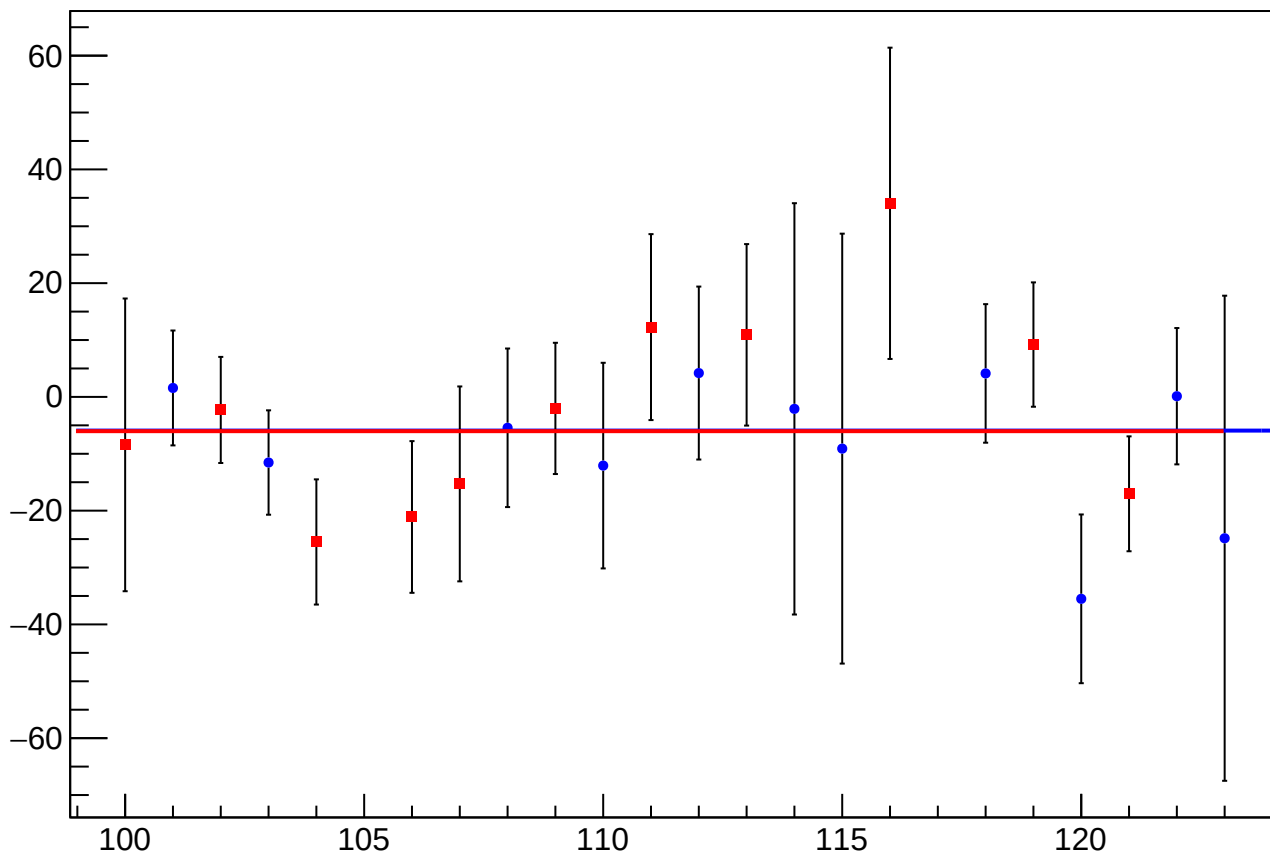
Right: 319.808+/-0.076 χ^2/NDF : 21156.9/21

In: 319.990+/-0.112 χ^2/NDF : 10018.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.808+/-0.076 χ^2/NDF : 21156.9/21

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.923 ± 4.285 χ^2/NDF : 6.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.023 ± 3.923 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

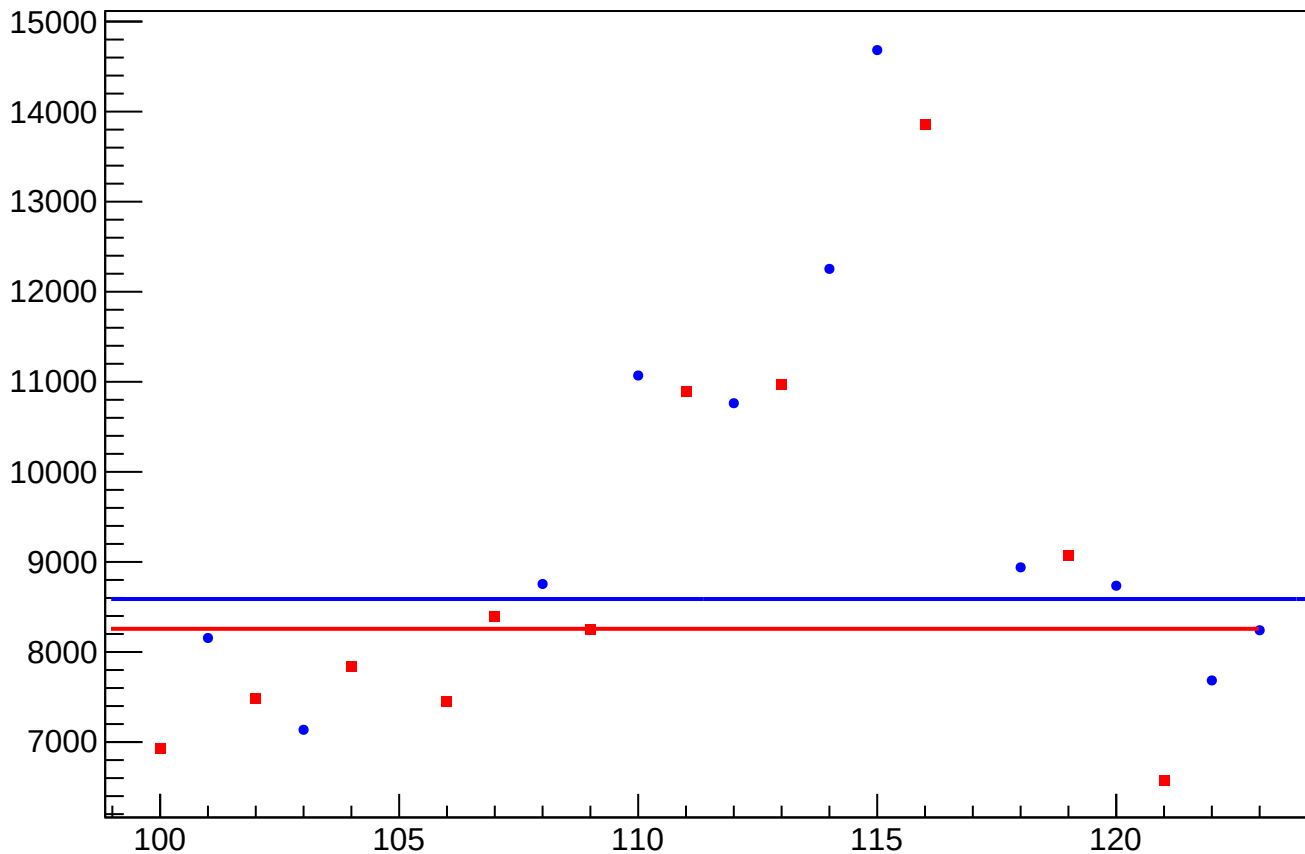
Right: -5.978 ± 2.893 χ^2/NDF : 19.3/21

In: -5.923 ± 4.285 χ^2/NDF : 6.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.978 ± 2.893 χ^2/NDF : 19.3/21

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8588.375+/-3.030 χ^2/NDF : 218522.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8257.555+/-2.774 χ^2/NDF : 289239.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

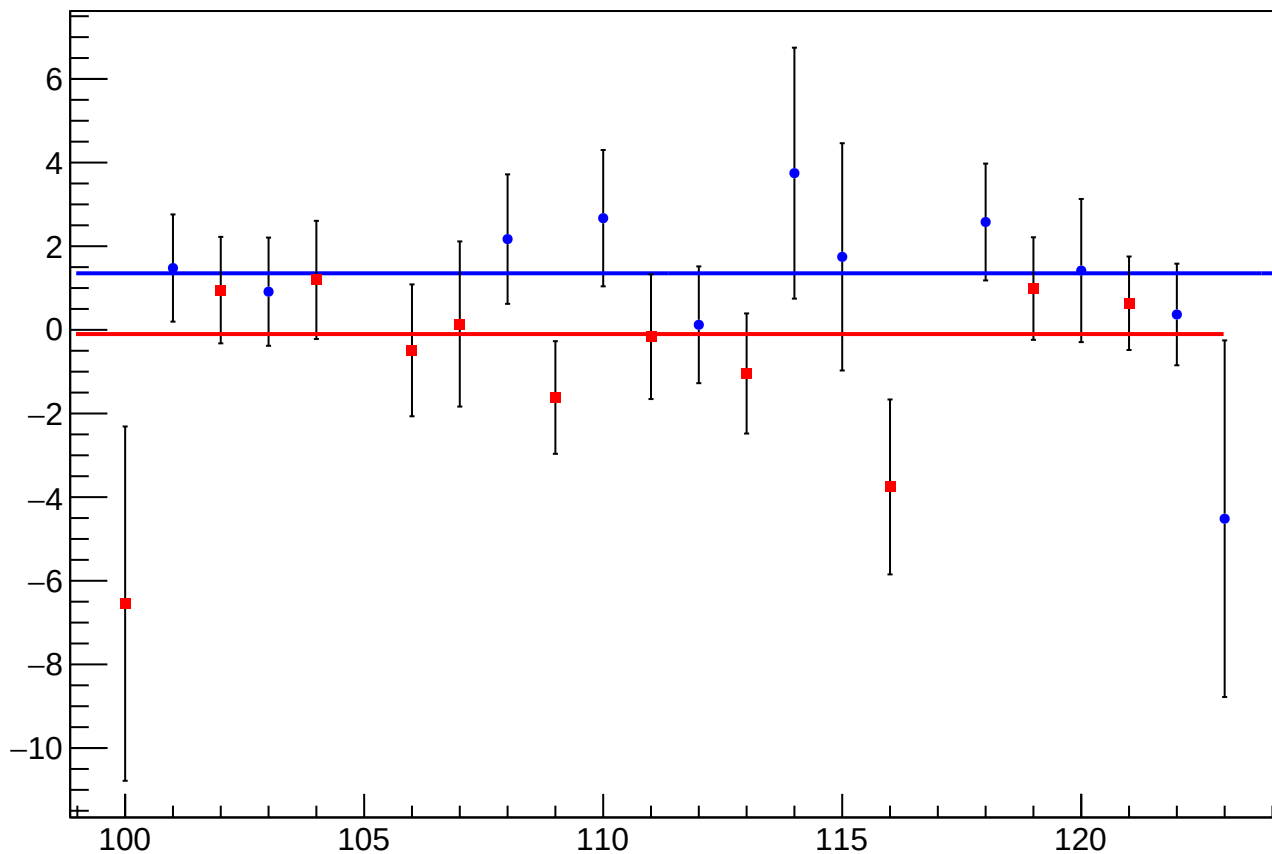
Right: 8408.418+/-2.046 χ^2/NDF : 514247.1/21

In: 8588.375+/-3.030 χ^2/NDF :218522.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8408.418+/-2.046 χ^2/NDF : 514247.1/21

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.352 $\pm$ 0.480 χ^2 /NDF: 5.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.101 $\pm$ 0.447 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

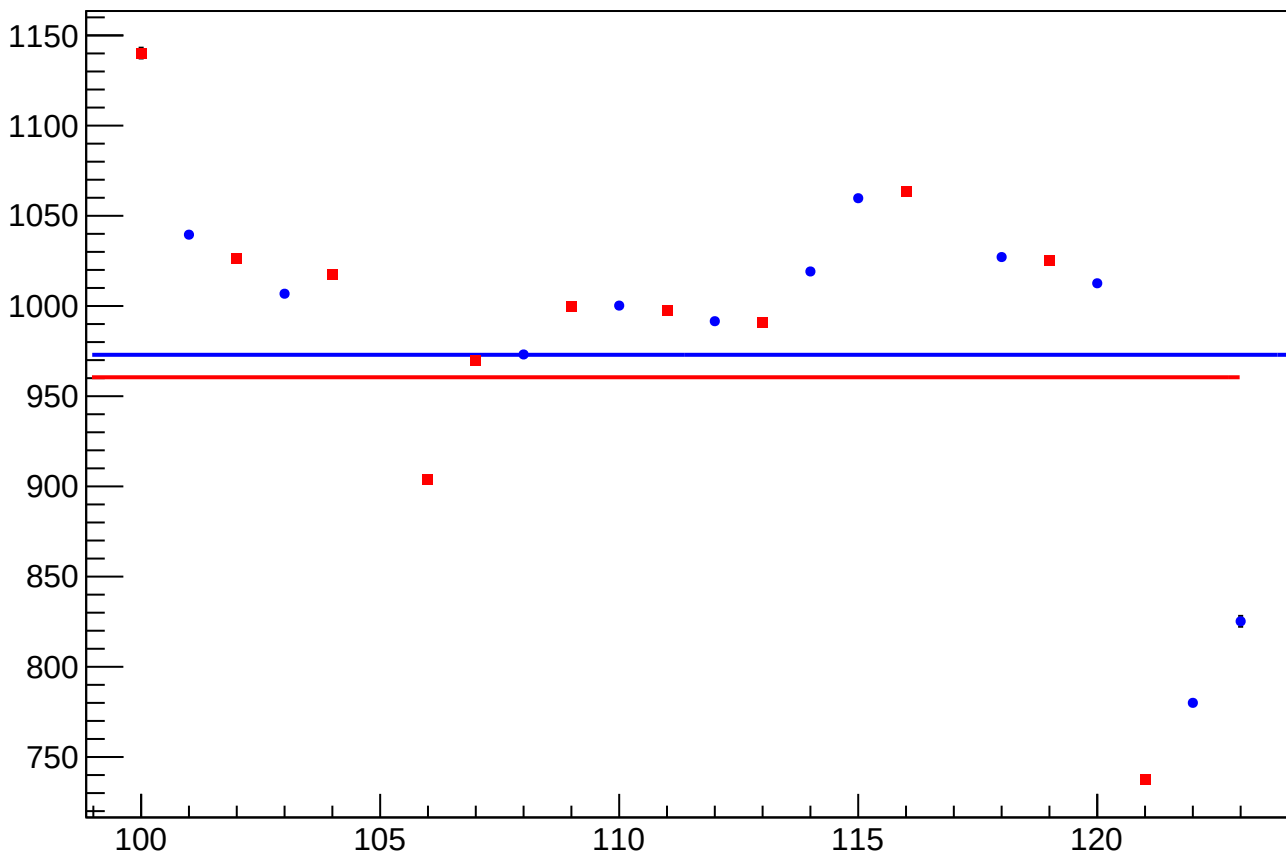
Right: 0.574 $\pm$ 0.327 χ^2 /NDF: 20.6/21

In: 1.352 $\pm$ 0.480 χ^2 /NDF:5.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.574 $\pm$ 0.327 χ^2 /NDF: 20.6/21

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 972.950+/-0.339 χ^2/NDF : 67119.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.499+/-0.316 χ^2/NDF : 108595.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

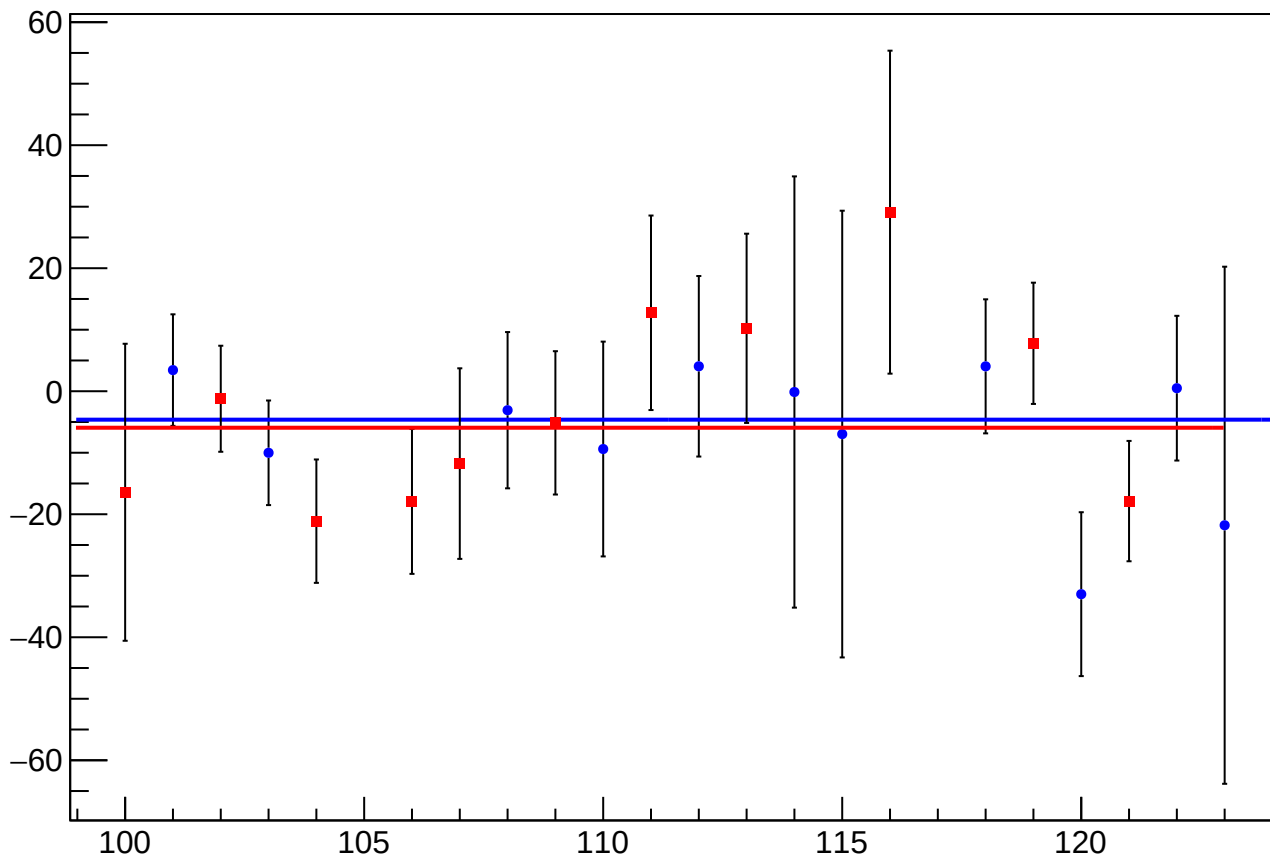
Right: 966.281+/-0.231 χ^2/NDF : 176435.8/21

In: 972.950+/-0.339 χ^2/NDF : 67119.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.281+/-0.231 χ^2/NDF : 176435.8/21

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -4.623 ± 3.967 $\chi^2/\text{NDF}: 7.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.934 ± 3.669 $\chi^2/\text{NDF}: 11.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

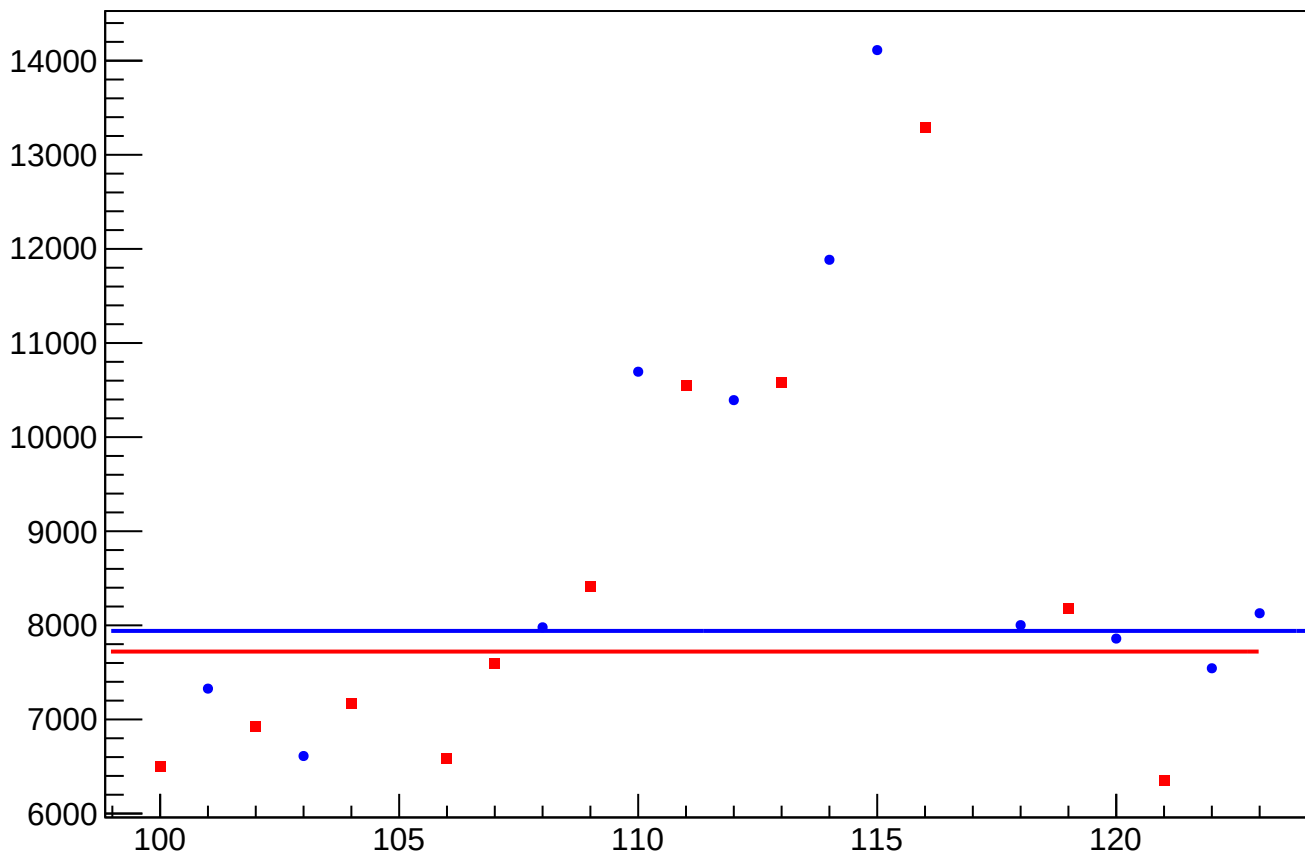
Right: -5.330 ± 2.694 $\chi^2/\text{NDF}: 18.9/21$

In: -4.623 ± 3.967 $\chi^2/\text{NDF}: 7.2/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.330 ± 2.694 $\chi^2/\text{NDF}: 18.9/21$

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7940.762+/-2.805 χ^2/NDF : 249200.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7721.292+/-2.595 χ^2/NDF : 320394.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

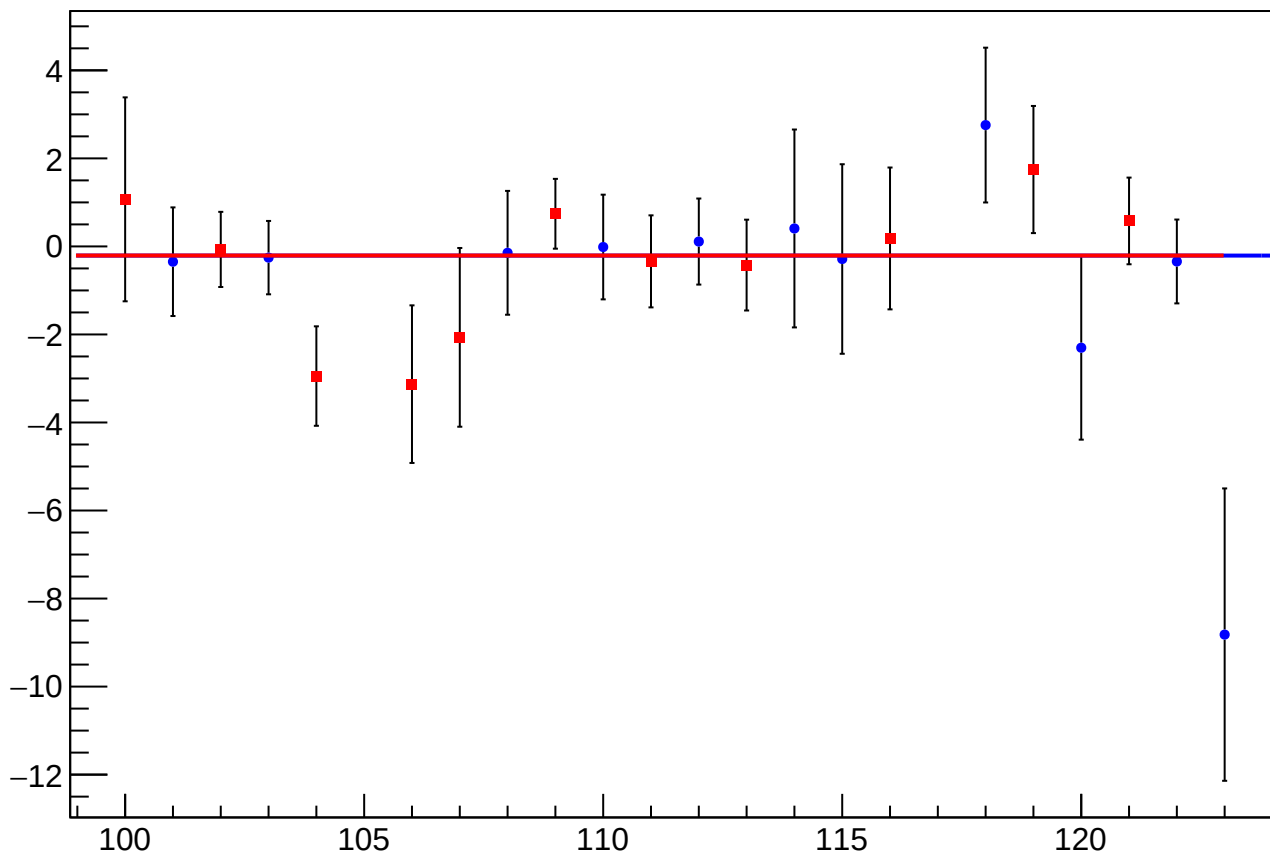
Right: 7822.480+/-1.905 χ^2/NDF : 572893.6/21

In: 7940.762+/-2.805 χ^2/NDF : 249200.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7822.480+/-1.905 χ^2/NDF : 572893.6/21

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.208 ± 0.392 χ^2/NDF : 10.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.207 ± 0.348 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

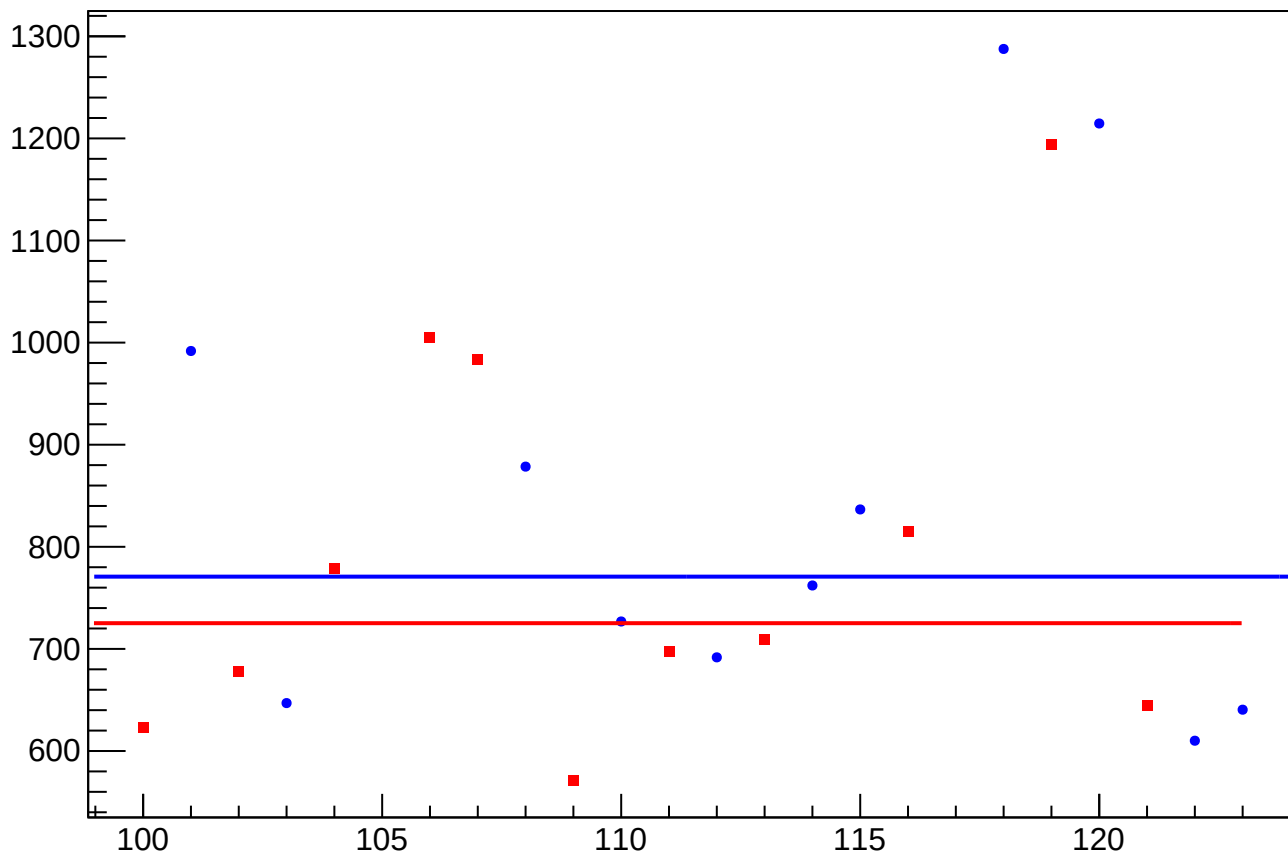
Right: -0.207 ± 0.260 χ^2/NDF : 24.5/21

In: -0.208 ± 0.392 χ^2/NDF : 10.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.260 χ^2/NDF : 24.5/21

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 770.783+/-0.277 χ^2/NDF : 460908.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 725.191+/-0.246 χ^2/NDF : 403775.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

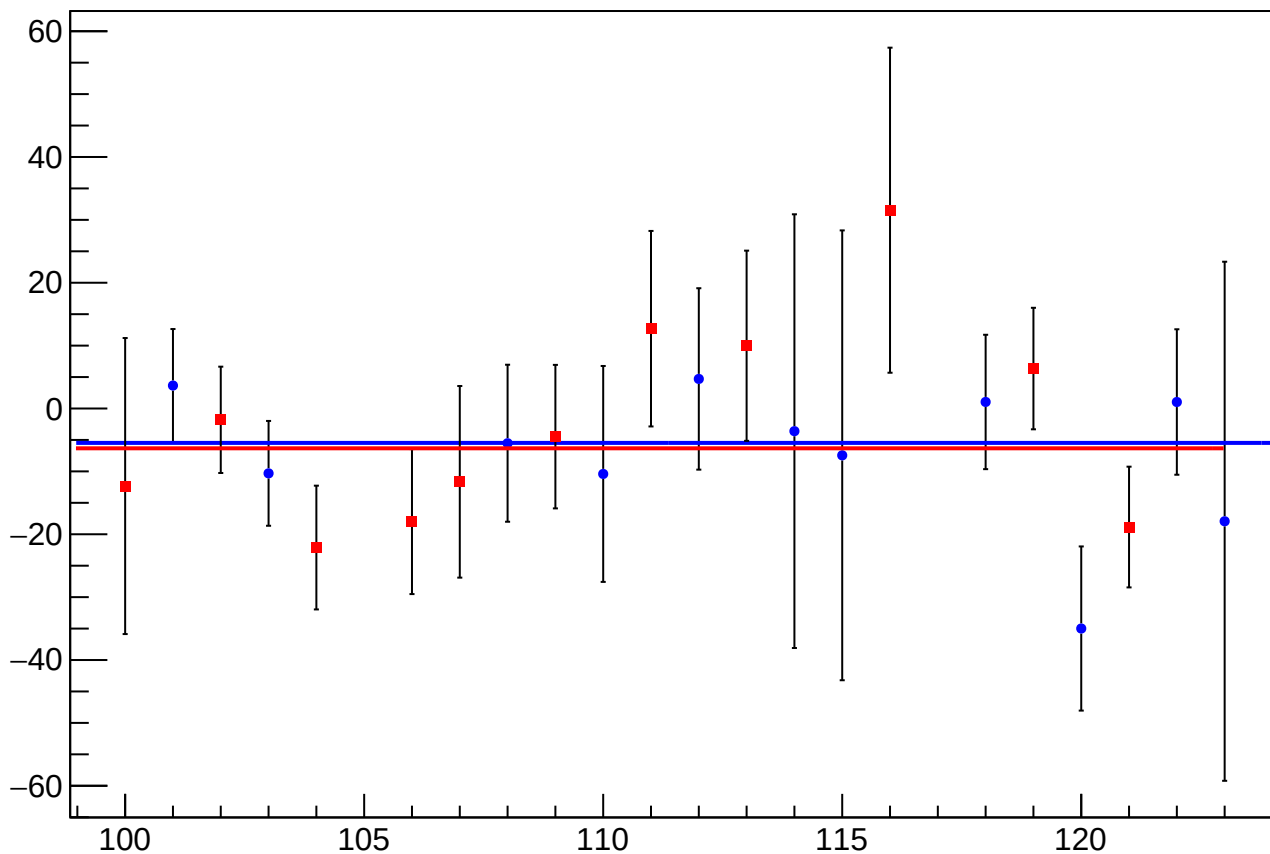
Right: 745.325+/-0.184 χ^2/NDF : 879807.2/21

In: 770.783+/-0.277 χ^2/NDF : 460908.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.325+/-0.184 χ^2/NDF : 879807.2/21

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.470 $\pm$ 3.902 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.332 $\pm$ 3.599 χ^2 /NDF: 12.3/10

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

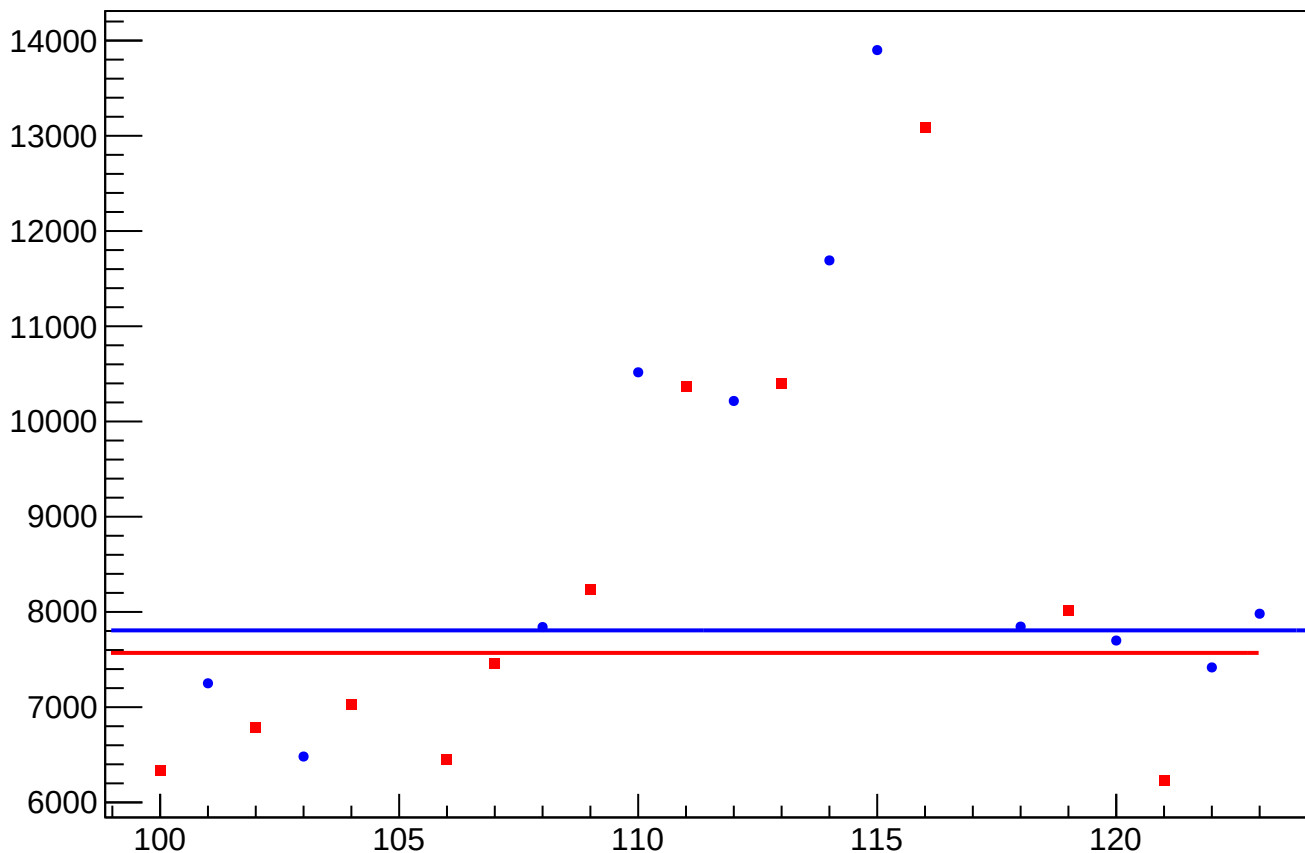
Right: -5.935 $\pm$ 2.645 χ^2 /NDF: 20.2/21

In: -5.470 $\pm$ 3.902 χ^2 /NDF:7.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.935 $\pm$ 2.645 χ^2 /NDF: 20.2/21

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7806.425+/-2.759 χ^2/NDF : 249644.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7569.953+/-2.545 χ^2/NDF : 323346.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

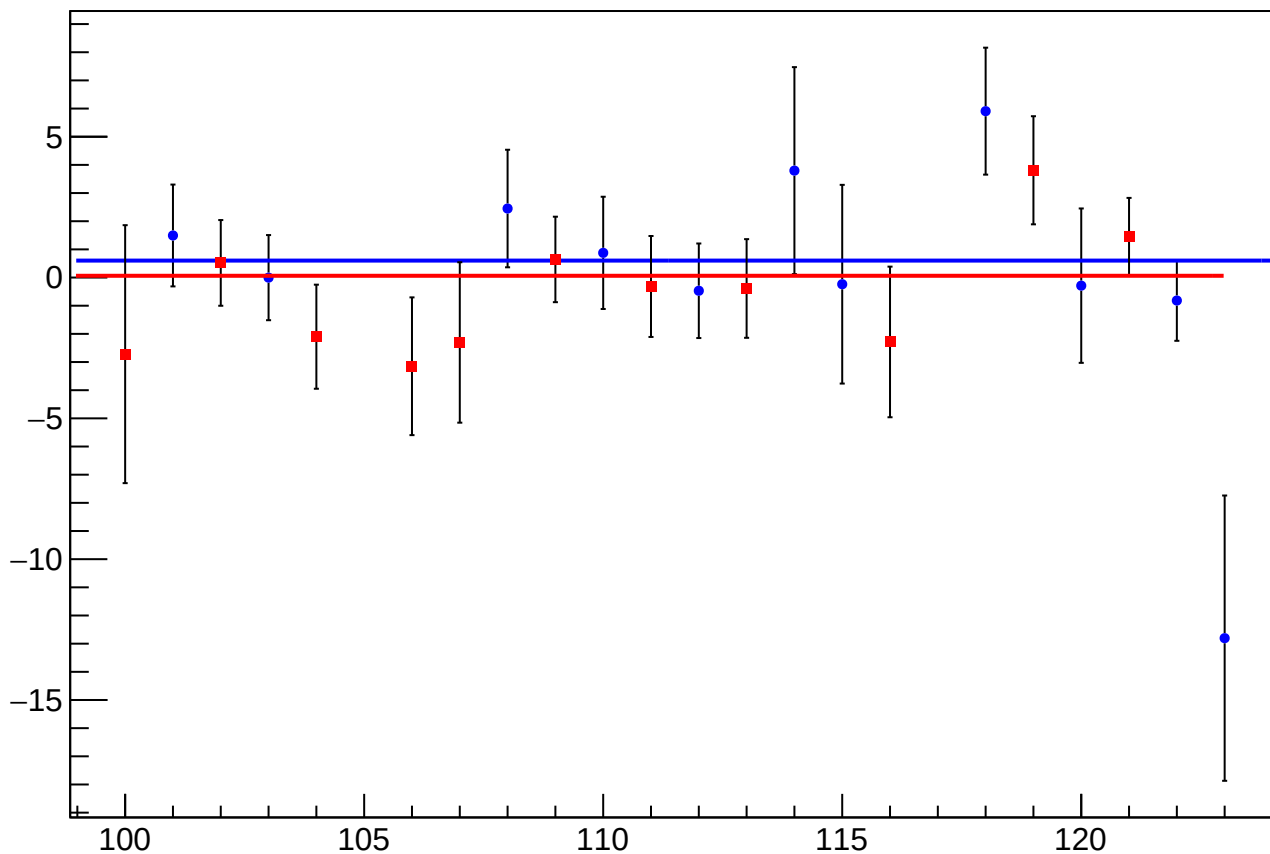
Right: 7678.666+/-1.871 χ^2/NDF : 576959.7/21

In: 7806.425+/-2.759 χ^2/NDF : 249644.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7678.666+/-1.871 χ^2/NDF : 576959.7/21

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.602 $\pm$ 0.621 χ^2 /NDF: 16.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.063 $\pm$ 0.571 χ^2 /NDF: 10.1/10

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

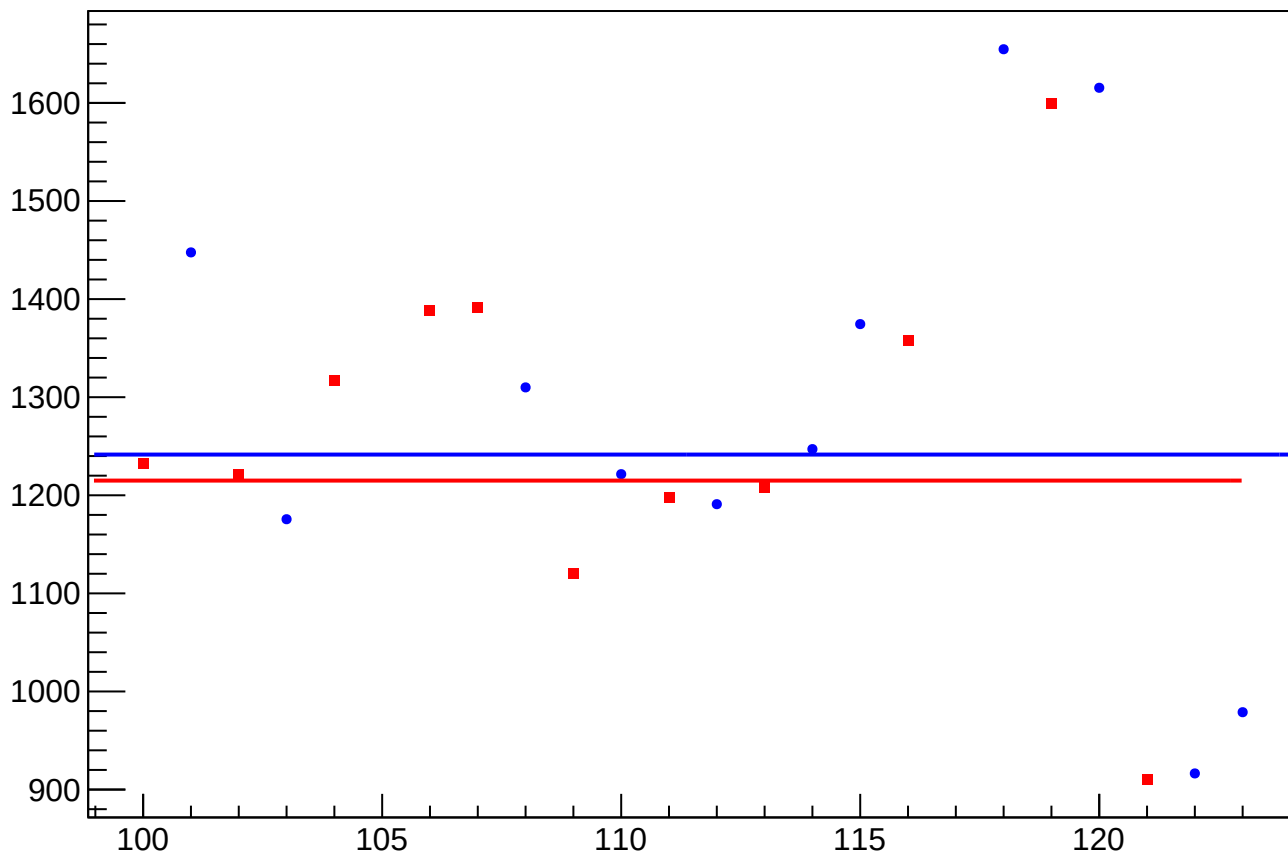
Right: 0.310 $\pm$ 0.420 χ^2 /NDF: 26.6/21

In: 0.602 $\pm$ 0.621 χ^2 /NDF:16.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.310 $\pm$ 0.420 χ^2 /NDF: 26.6/21

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1241.511+/-0.439 χ^2/NDF : 249952.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1214.983+/-0.404 χ^2/NDF : 215447.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

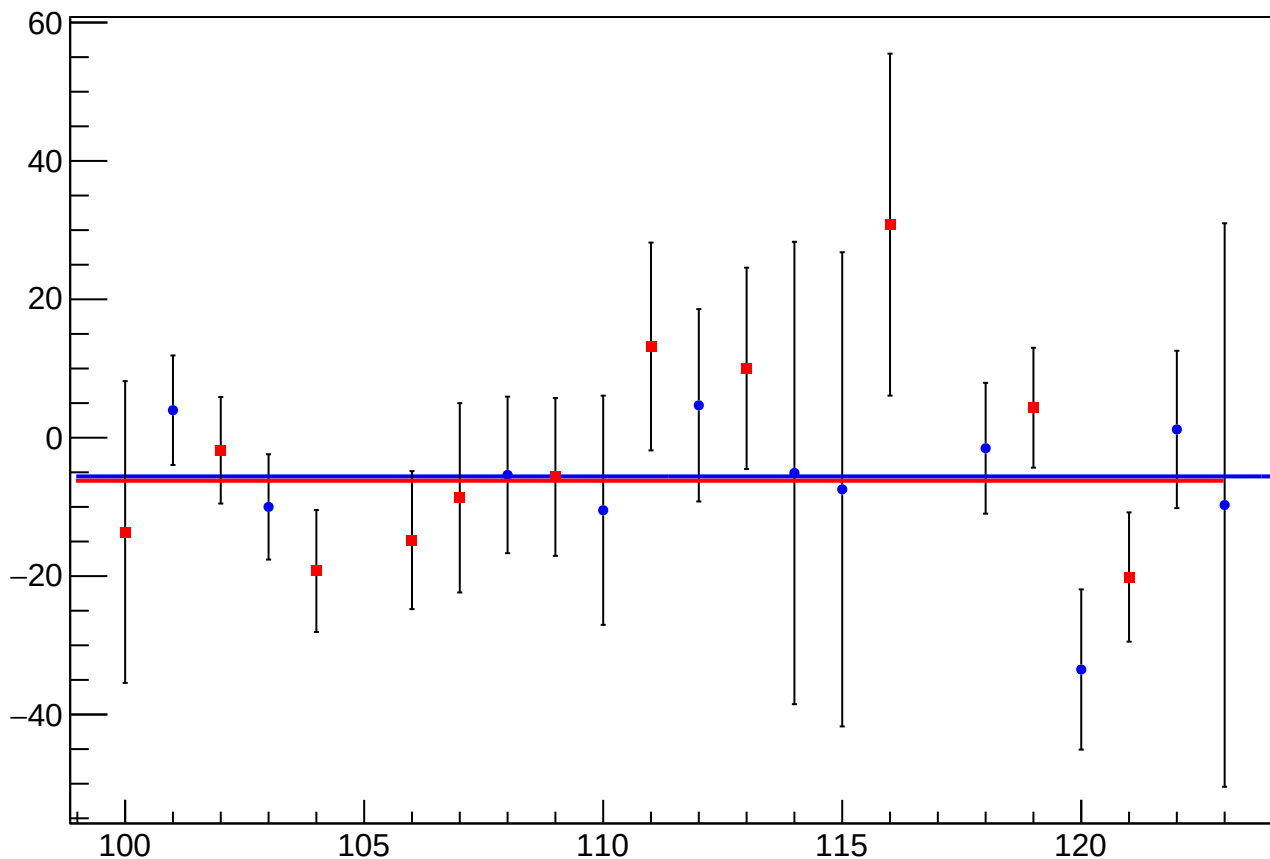
Right: 1227.130+/-0.297 χ^2/NDF : 467377.7/21

In: 1241.511+/-0.439 χ^2/NDF : 249952.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1227.130+/-0.297 χ^2/NDF : 467377.7/21

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.592+/-3.567 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.215+/-3.323 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

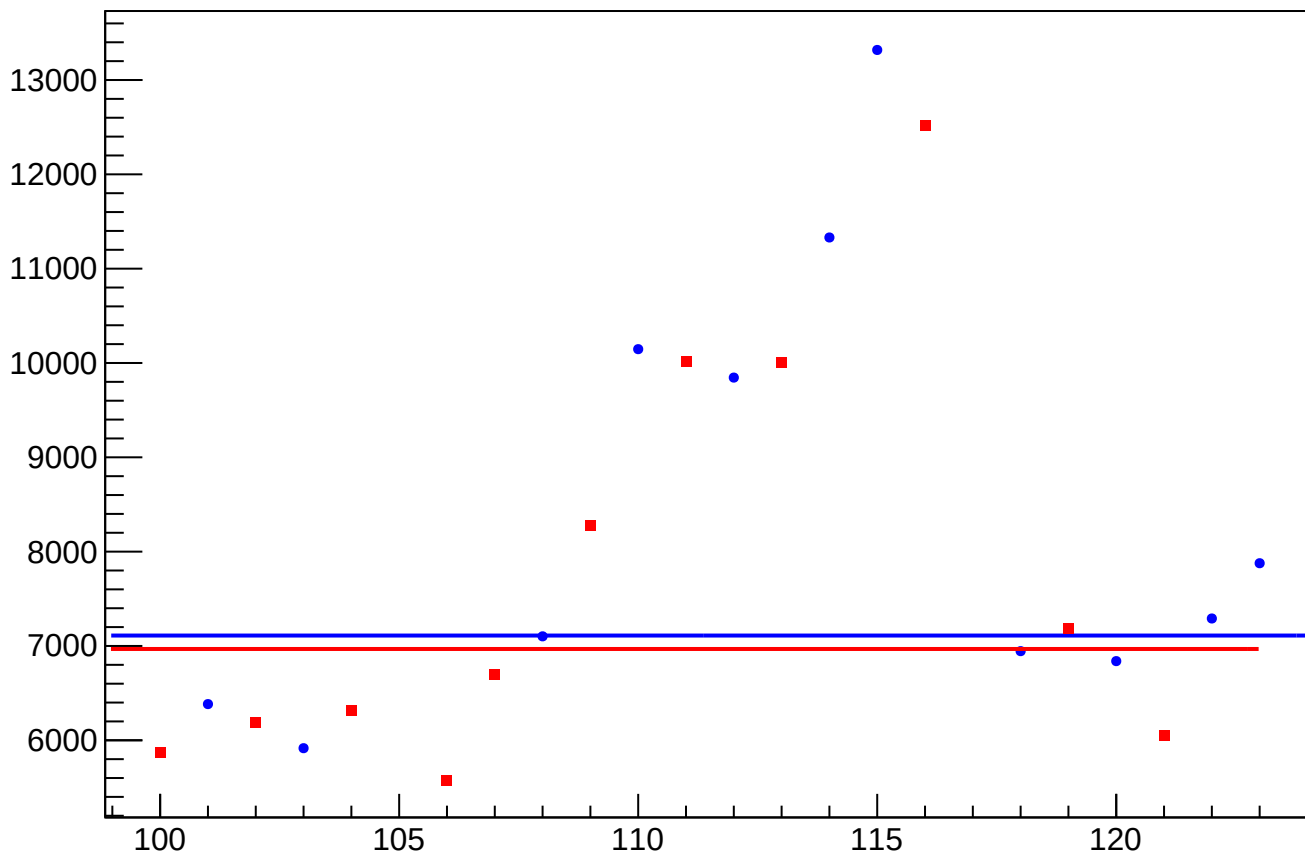
Right: -5.925+/-2.431 χ^2/NDF : 21.1/21

In: -5.592+/-3.567 χ^2/NDF :8.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.925+/-2.431 χ^2/NDF : 21.1/21

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7110.491+/-2.522 χ^2/NDF : 311273.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6968.066+/-2.350 χ^2/NDF : 394155.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

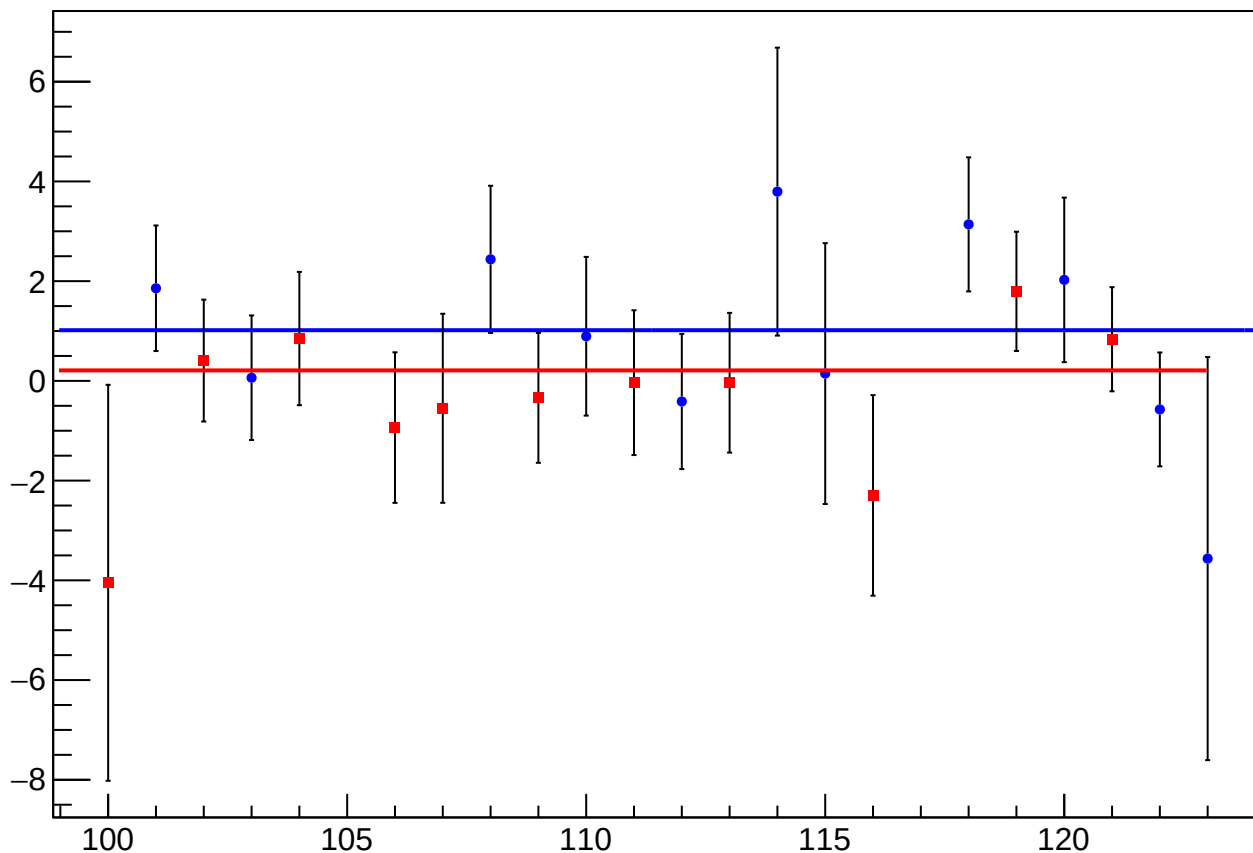
Right: 7034.255+/-1.719 χ^2/NDF : 707136.7/21

In: 7110.491+/-2.522 χ^2/NDF :311273.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7034.255+/-1.719 χ^2/NDF : 707136.7/21

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.016 $\pm$ 0.462 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.210 $\pm$ 0.428 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

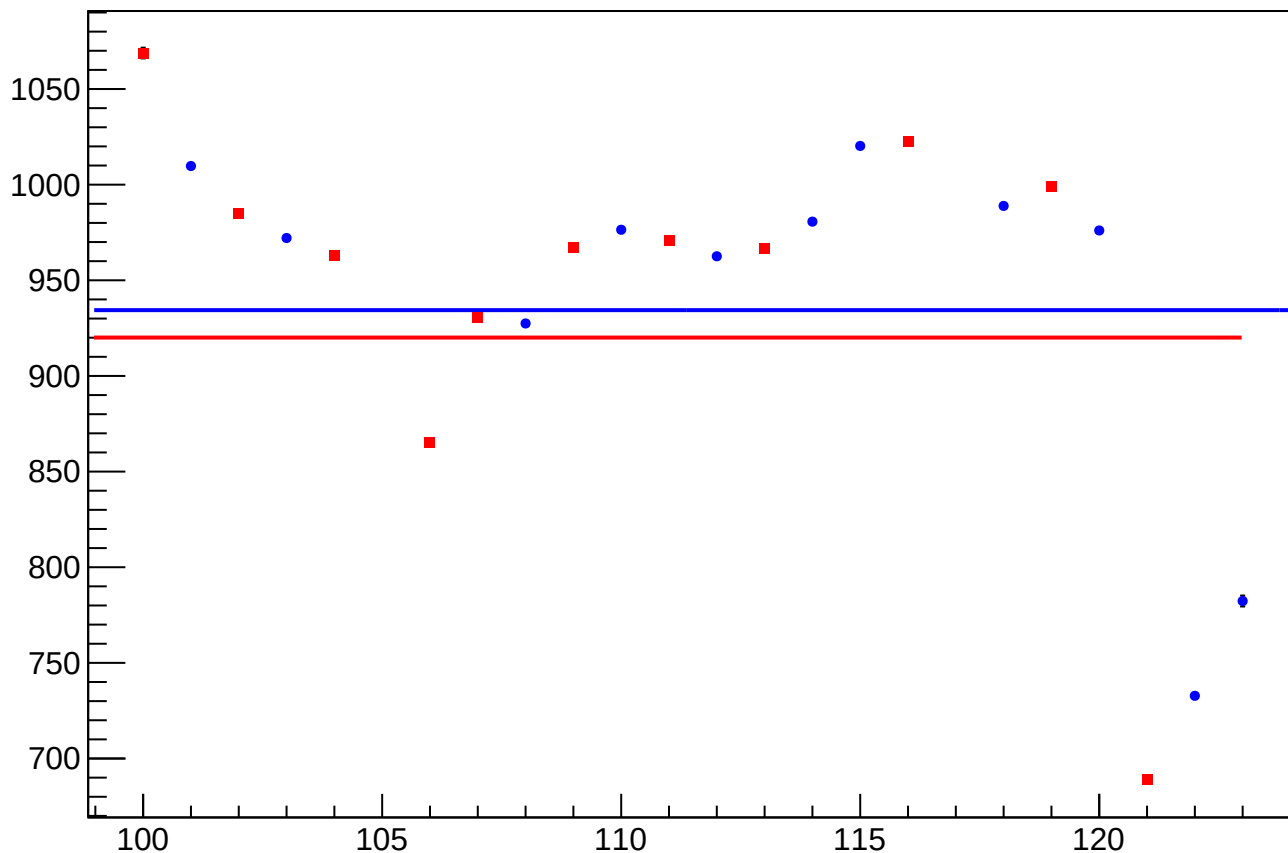
Right: 0.583 $\pm$ 0.314 χ^2 /NDF: 17.9/21

In: 1.016 $\pm$ 0.462 χ^2 /NDF:10.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.583 $\pm$ 0.314 χ^2 /NDF: 17.9/21

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 934.399+/-0.327 χ^2/NDF : 83704.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 920.065+/-0.303 χ^2/NDF : 132323.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

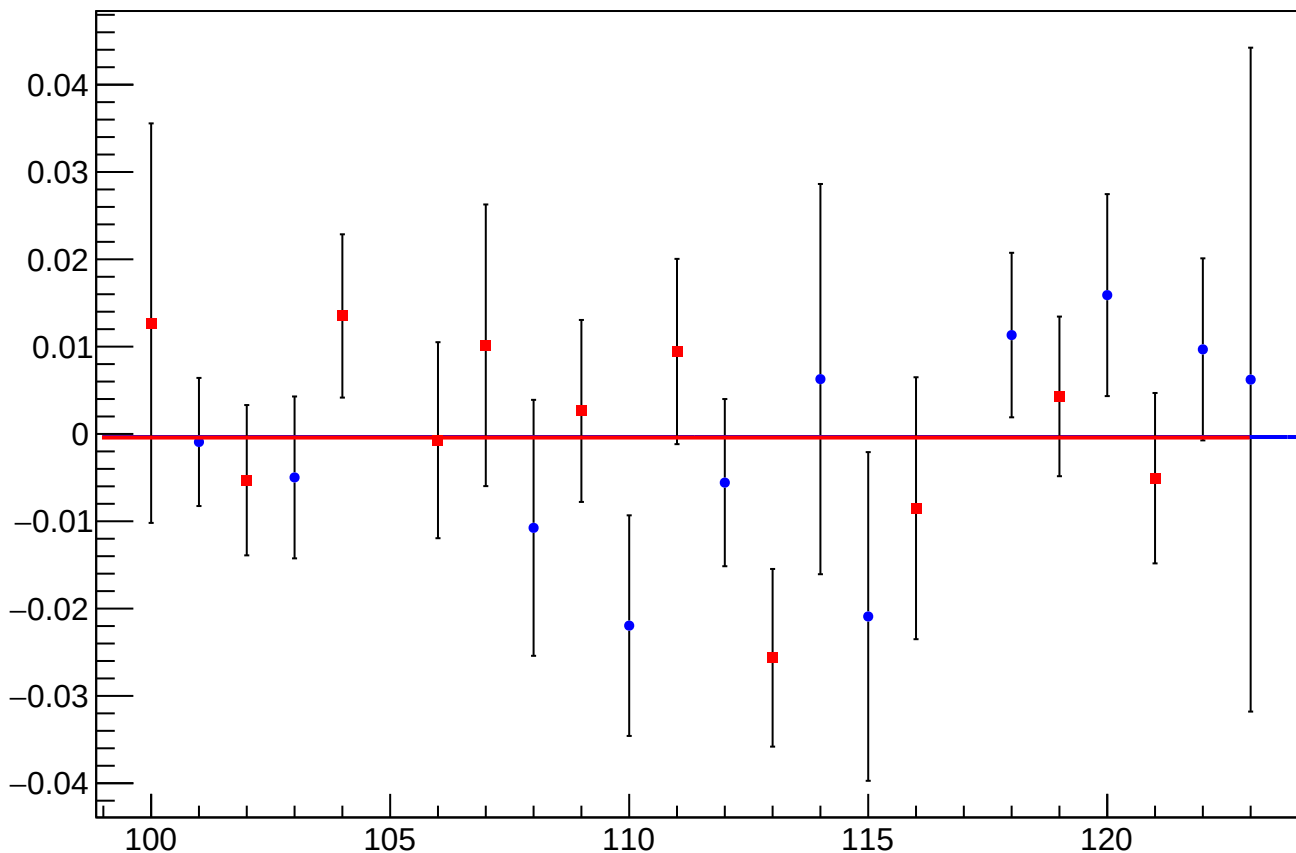
Right: 926.693+/-0.222 χ^2/NDF : 217063.1/21

In: 934.399+/-0.327 χ^2/NDF : 83704.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 926.693+/-0.222 χ^2/NDF : 217063.1/21

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.003 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.003 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

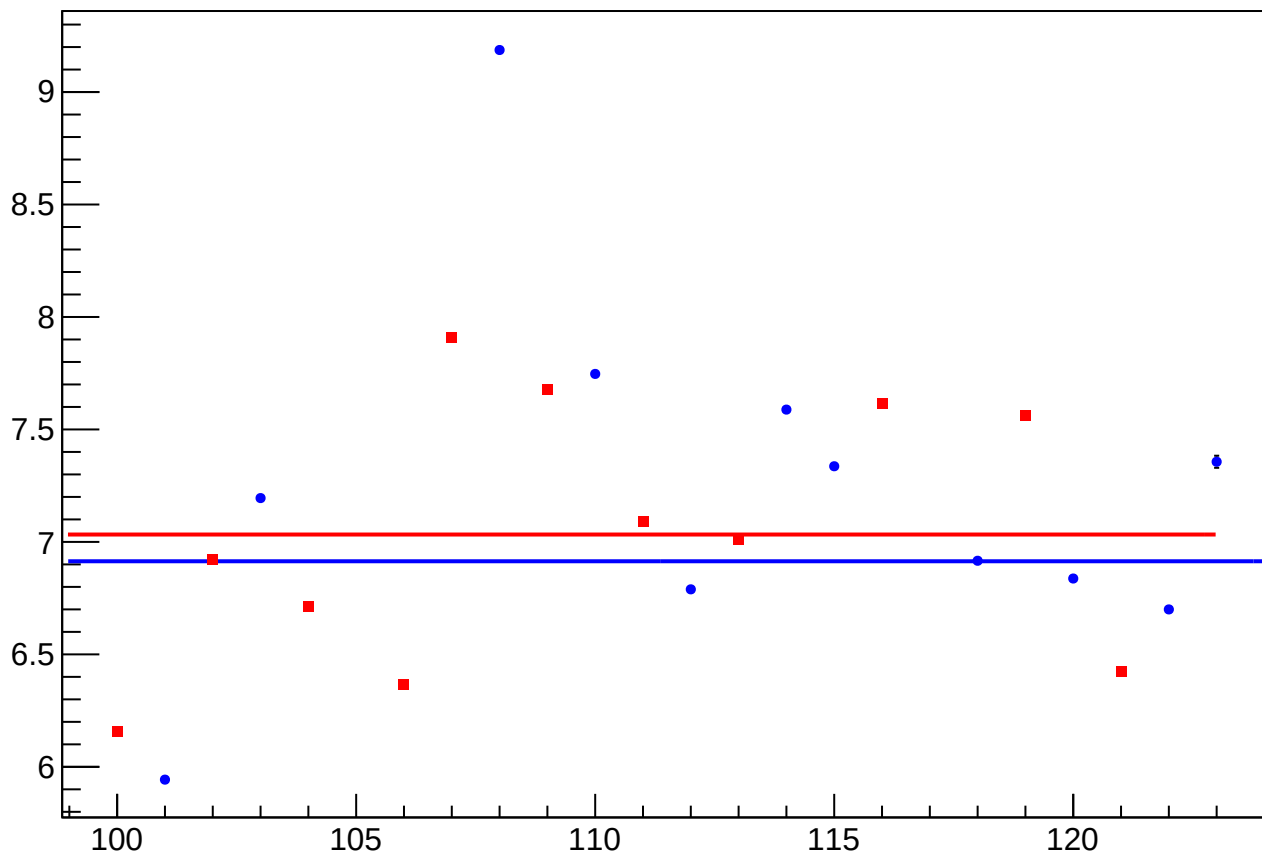
Right: -0.000+/-0.002 χ^2/NDF : 20.9/21

In: -0.000+/-0.003 χ^2/NDF :9.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.002 χ^2/NDF : 20.9/21

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.914+/-0.002 χ^2/NDF : 98020.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.033+/-0.002 χ^2/NDF : 43724.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

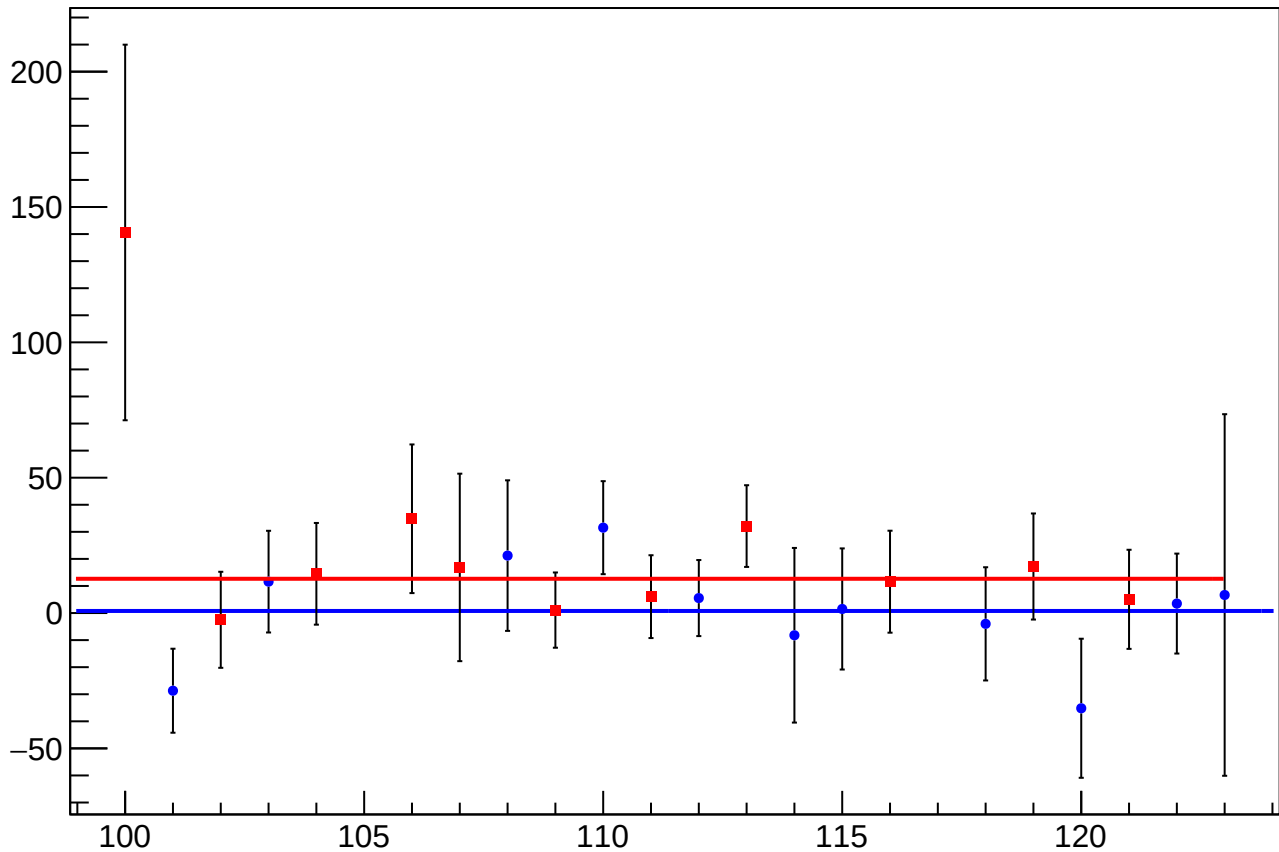
Right: 6.976+/-0.002 χ^2/NDF : 143005.6/21

In: 6.914+/-0.002 χ^2/NDF : 98020.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.976+/-0.002 χ^2/NDF : 143005.6/21

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 0.766 $\pm$ 6.125 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 12.657 $\pm$ -5.714 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

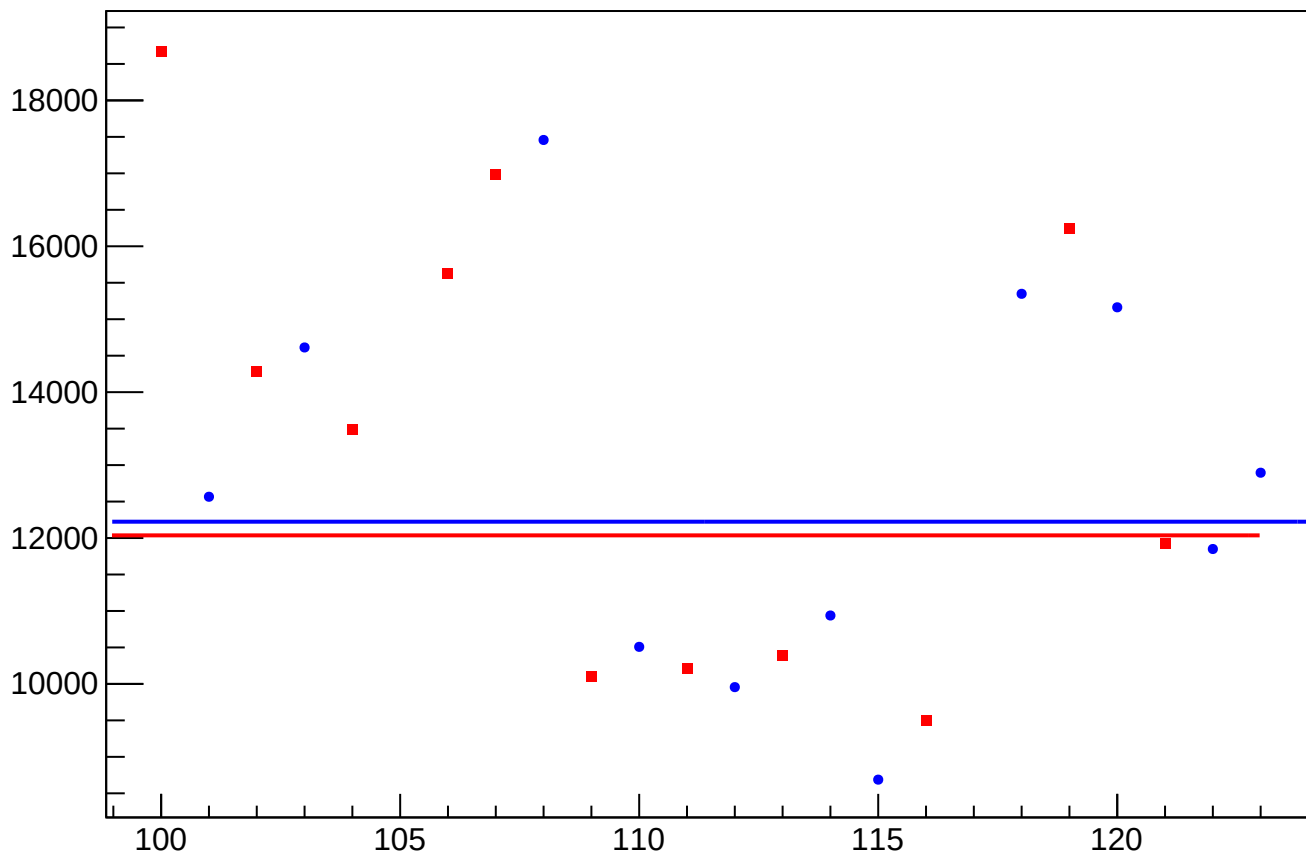
Right: 7.124 $\pm$ -4.178 χ^2 /NDF: 19.5/21

In: 0.766 $\pm$ -6.125 χ^2 /NDF:9.9/10

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 7.124 $\pm$ -4.178 χ^2 /NDF: 19.5/21

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12224.030+/-4.331 χ^2/NDF : 301219.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12036.584+/-4.040 χ^2/NDF : 356677.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

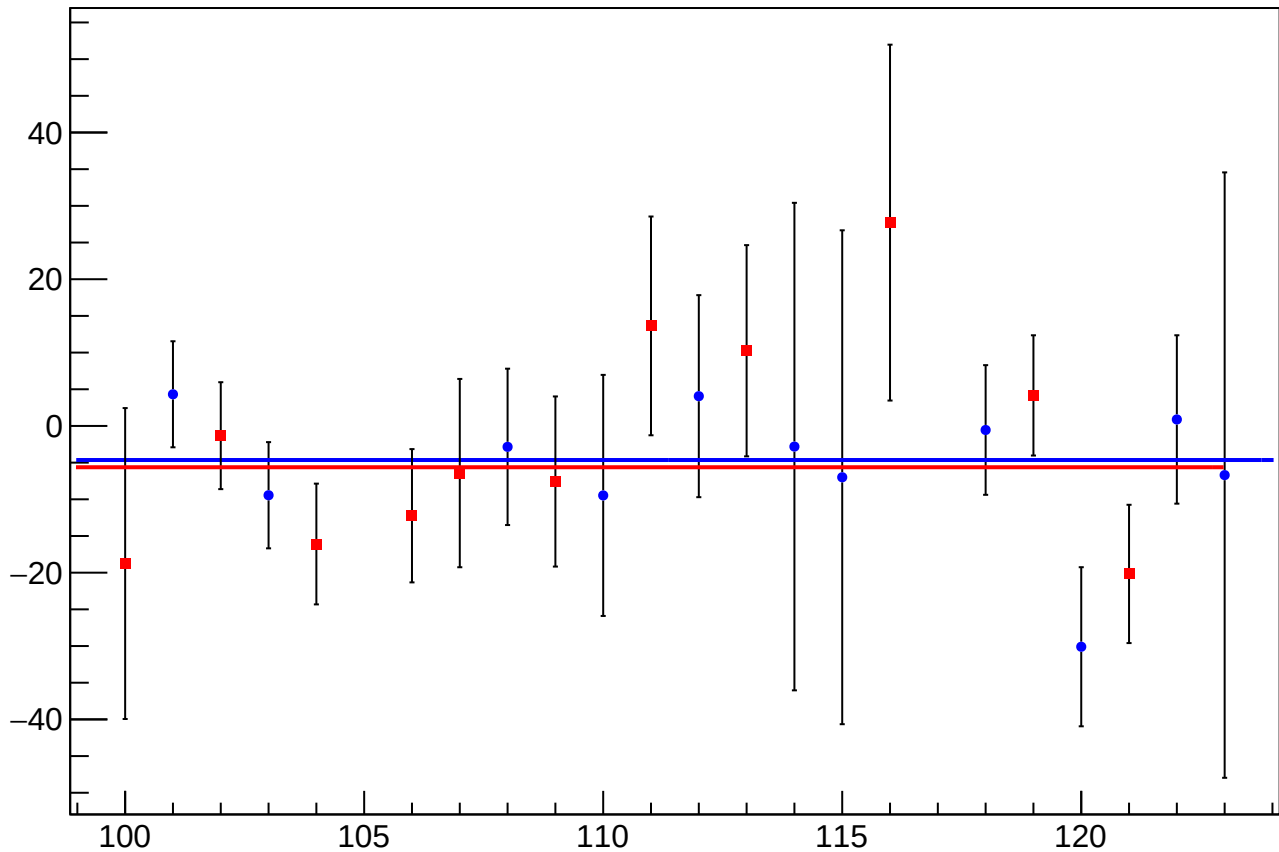
Right: 12123.805+/-2.954 χ^2/NDF : 658898.5/21

In: 12224.030+/-4.331 χ^2/NDF : 301219.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12123.805+/-2.954 χ^2/NDF : 658898.5/21

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -4.643+/-3.385 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.629+/-3.184 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

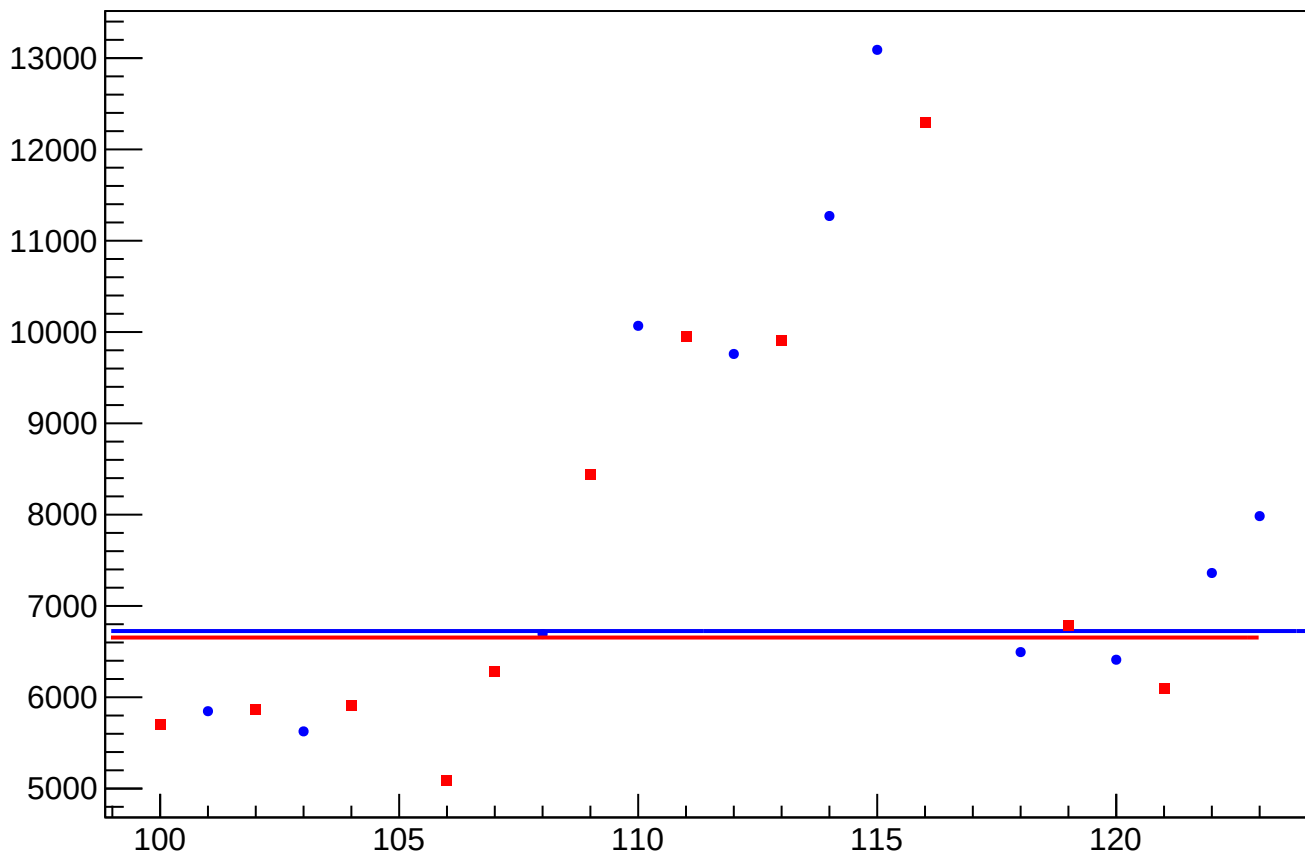
Right: -5.166+/-2.319 χ^2/NDF : 20.0/21

In: -4.643+/-3.385 χ^2/NDF :8.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.166+/-2.319 χ^2/NDF : 20.0/21

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6725.286+/-2.393 χ^2/NDF : 375524.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6654.147+/-2.252 χ^2/NDF : 467931.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

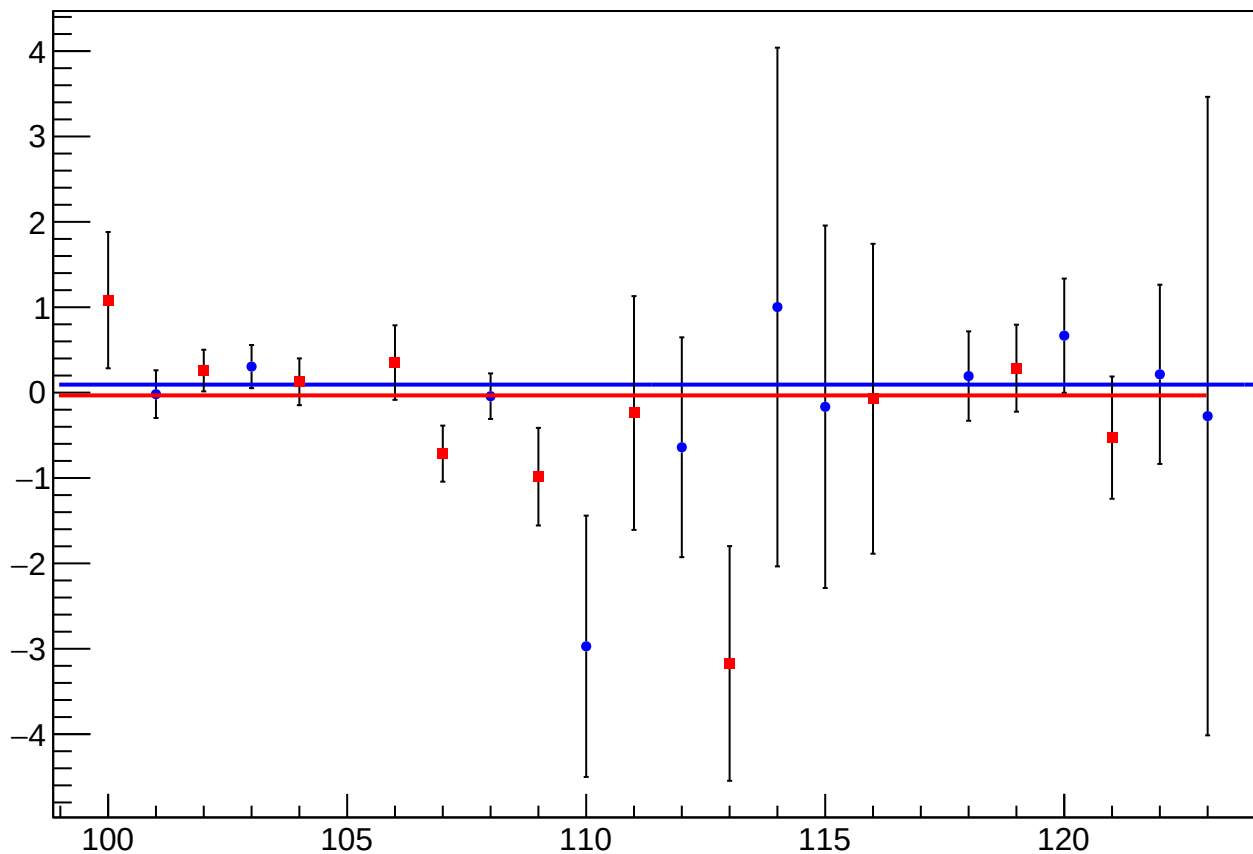
Right: 6687.549+/-1.640 χ^2/NDF : 843924.7/21

In: 6725.286+/-2.393 χ^2/NDF : 375524.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6687.549+/-1.640 χ^2/NDF : 843924.7/21

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.094 $\pm$ 0.140 χ^2 /NDF: 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.133 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

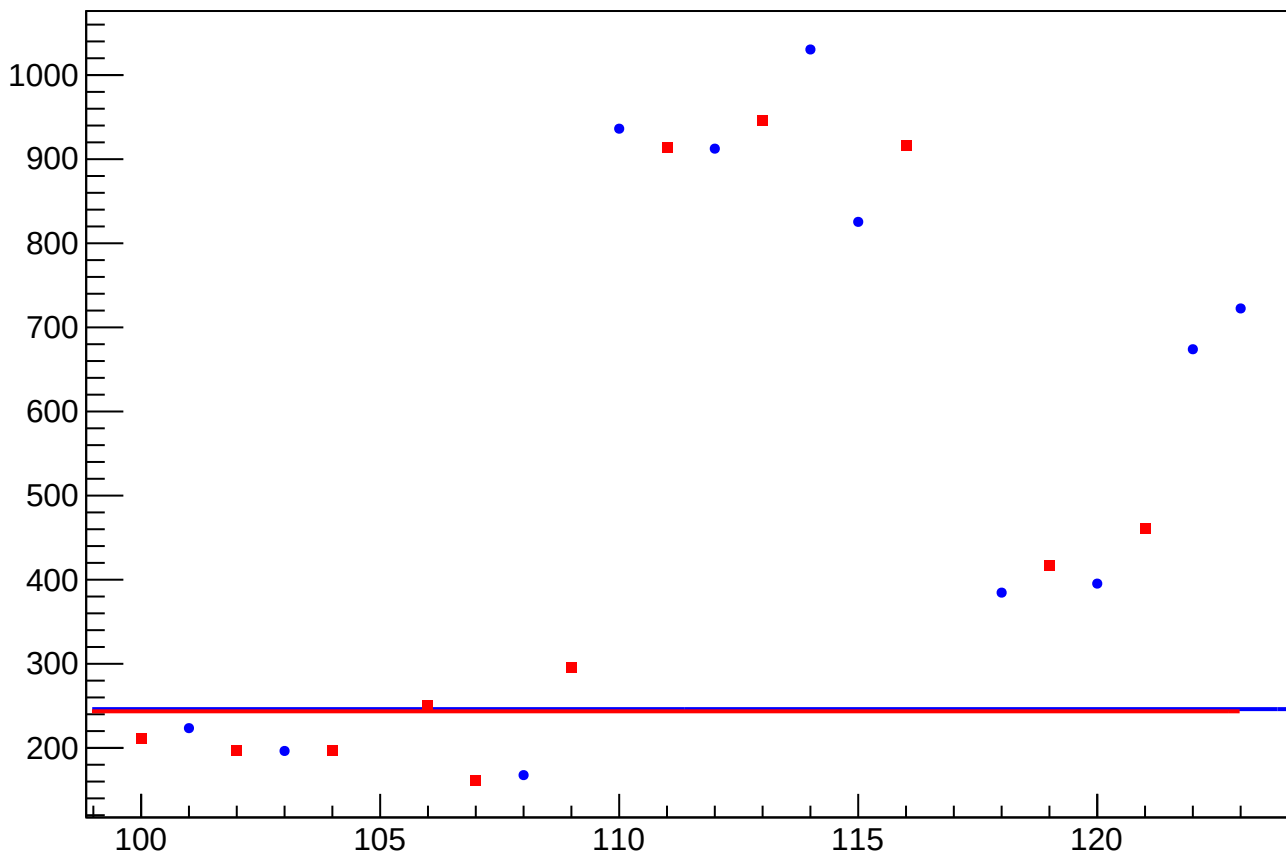
Right: 0.027 $\pm$ 0.097 χ^2 /NDF: 24.5/21

In: 0.094 $\pm$ 0.140 χ^2 /NDF:6.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.097 χ^2 /NDF: 24.5/21

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 246.122+/-0.099 χ^2/NDF : 2093114.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.517+/-0.094 χ^2/NDF : 1974403.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

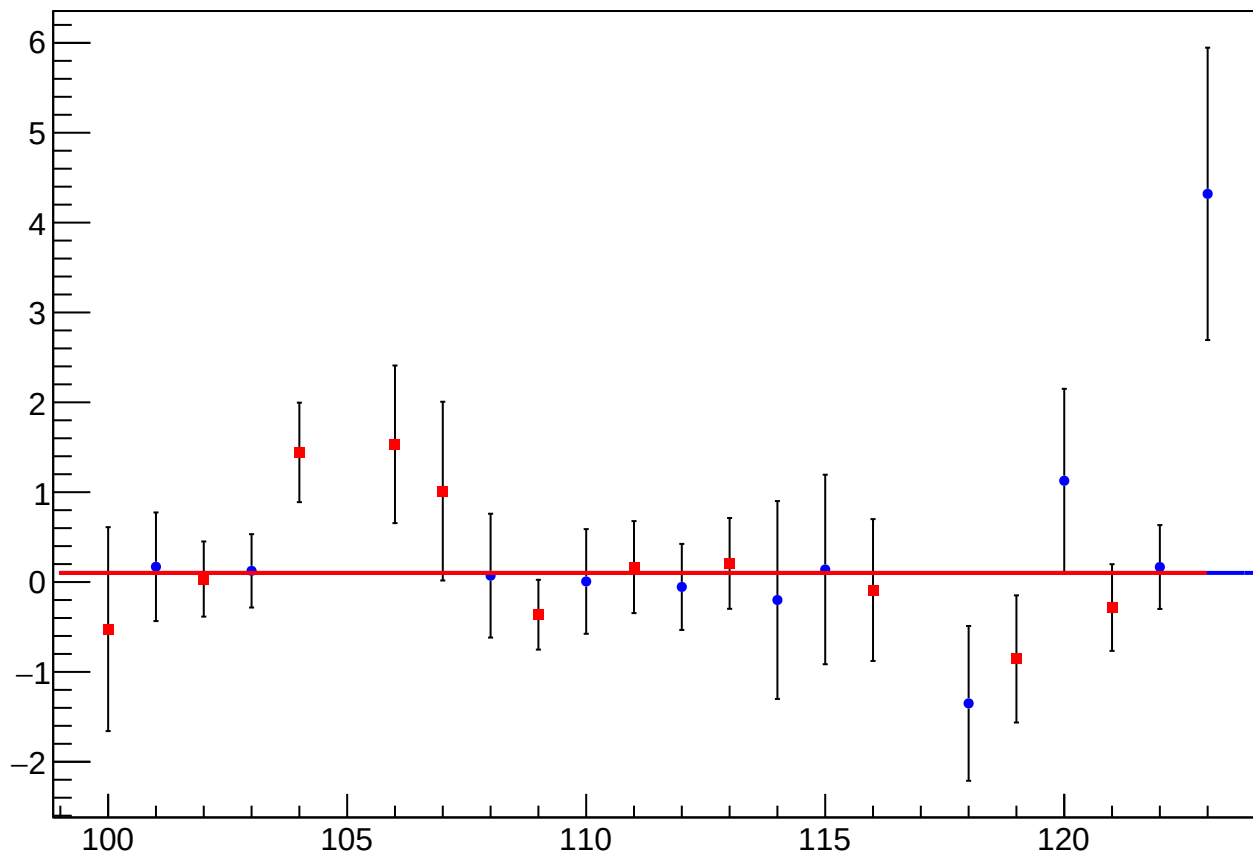
Right: 244.750+/-0.068 χ^2/NDF : 4067879.7/21

In: 246.122+/-0.099 χ^2/NDF : 2093114.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.750+/-0.068 χ^2/NDF : 4067879.7/21

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.192 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.101 $\pm$ 0.171 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

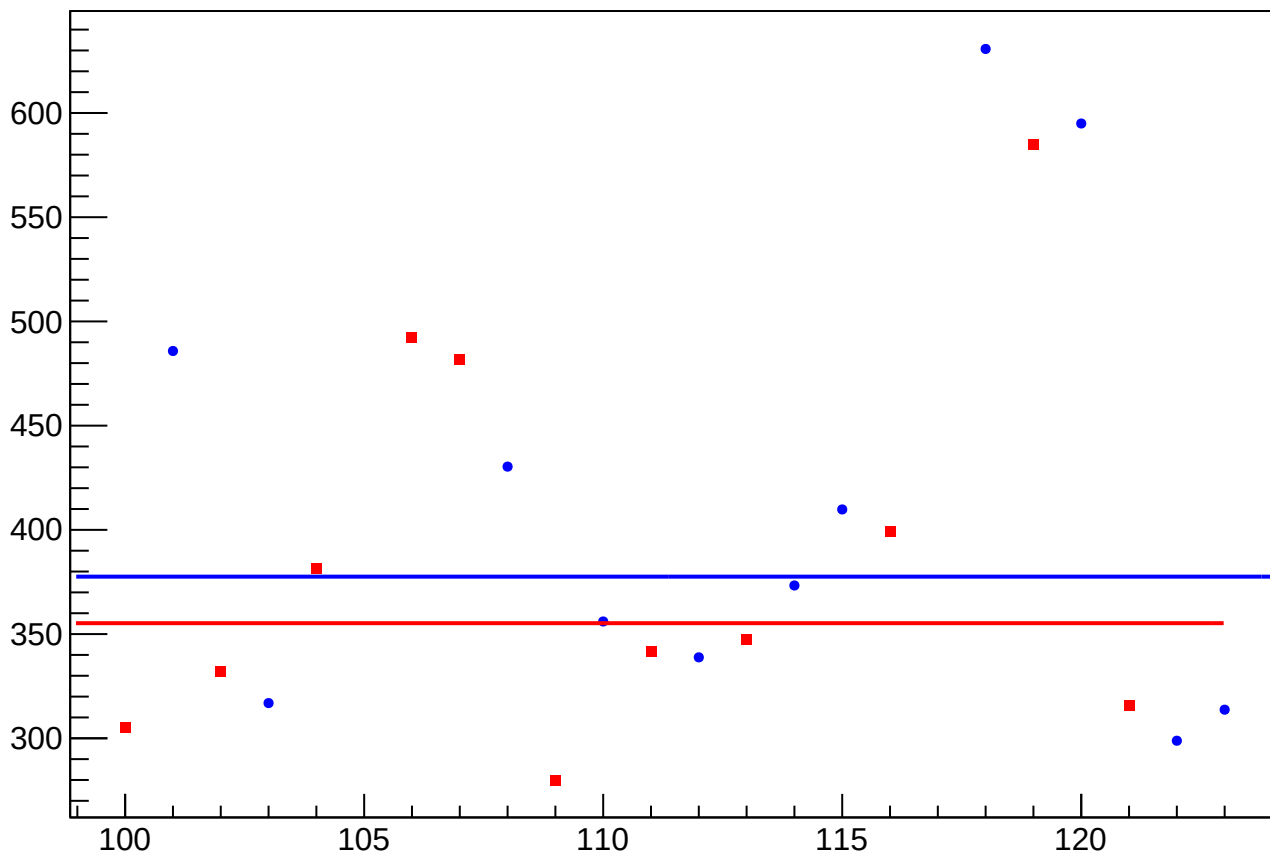
Right: 0.102 $\pm$ 0.128 χ^2 /NDF: 24.5/21

In: 0.102 $\pm$ 0.192 χ^2 /NDF:10.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.102 $\pm$ 0.128 χ^2 /NDF: 24.5/21

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 377.557+/-0.136 χ^2/NDF : 460908.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.224+/-0.121 χ^2/NDF : 403775.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

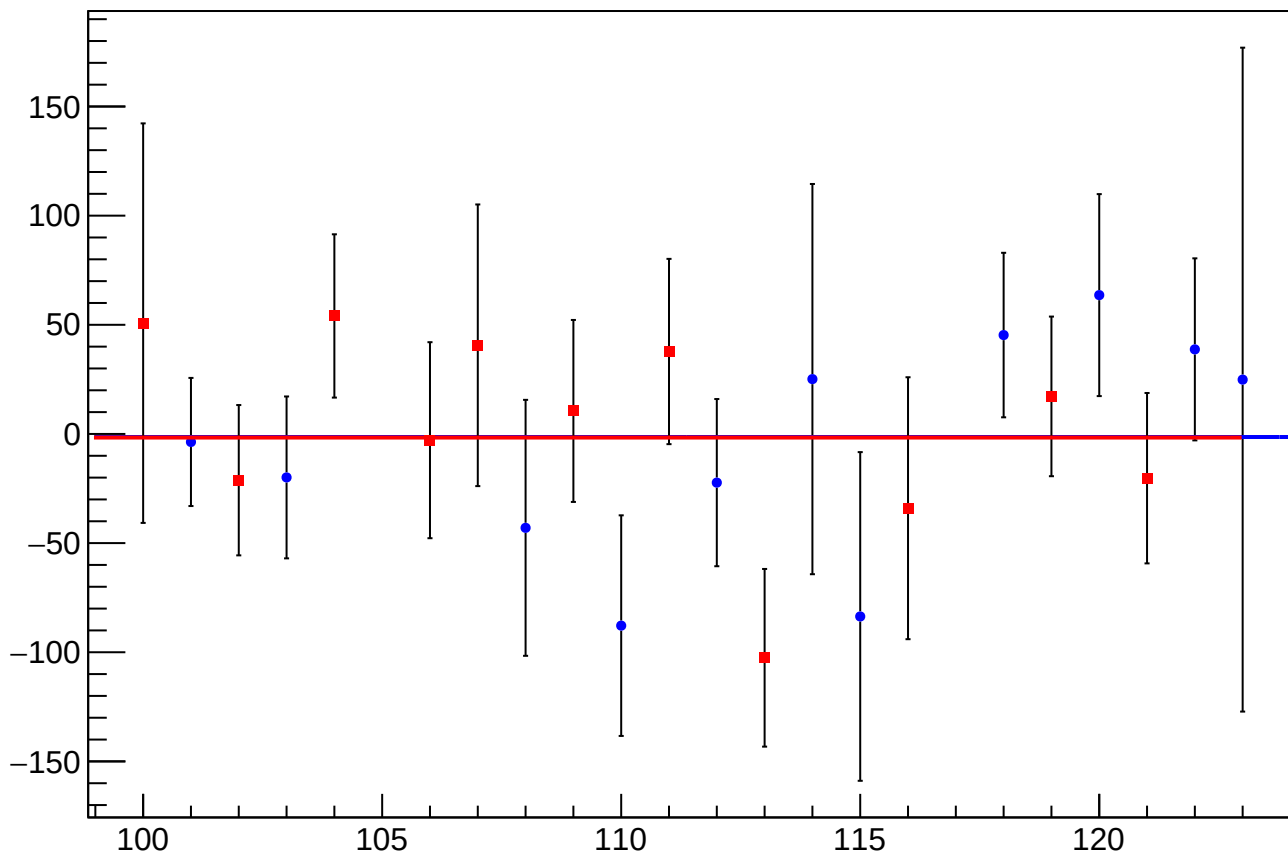
Right: 365.087+/-0.090 χ^2/NDF : 879807.2/21

In: 377.557+/-0.136 χ^2/NDF : 460908.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.087+/-0.090 χ^2/NDF : 879807.2/21

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -1.400 ± 13.679 χ^2/NDF : 9.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.647 ± 13.096 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

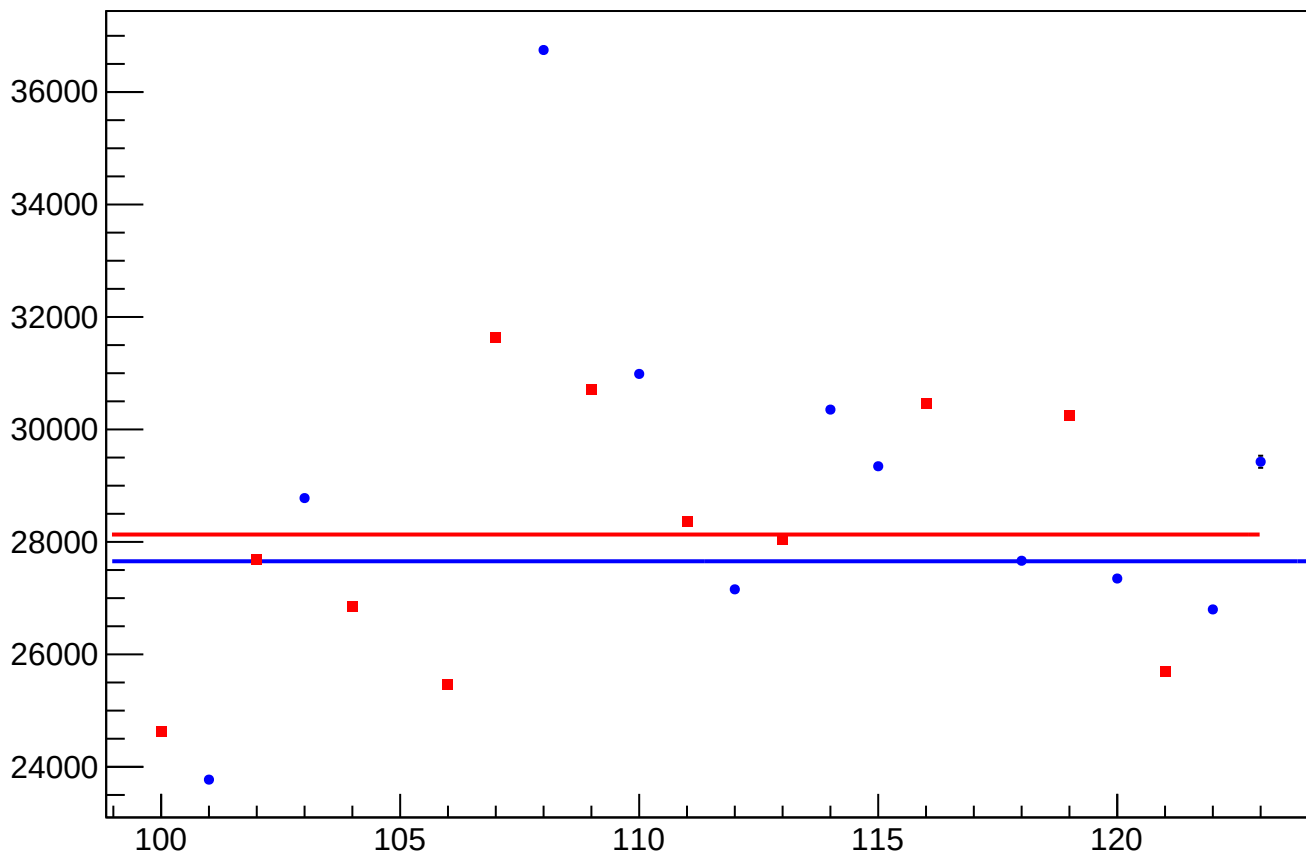
Right: -1.529 ± 9.460 χ^2/NDF : 20.9/21

In: -1.400 ± 13.679 χ^2/NDF : 9.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.529 ± 9.460 χ^2/NDF : 20.9/21

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27655.820+/-9.673 χ^2/NDF : 98020.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28131.352+/-9.260 χ^2/NDF : 43724.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

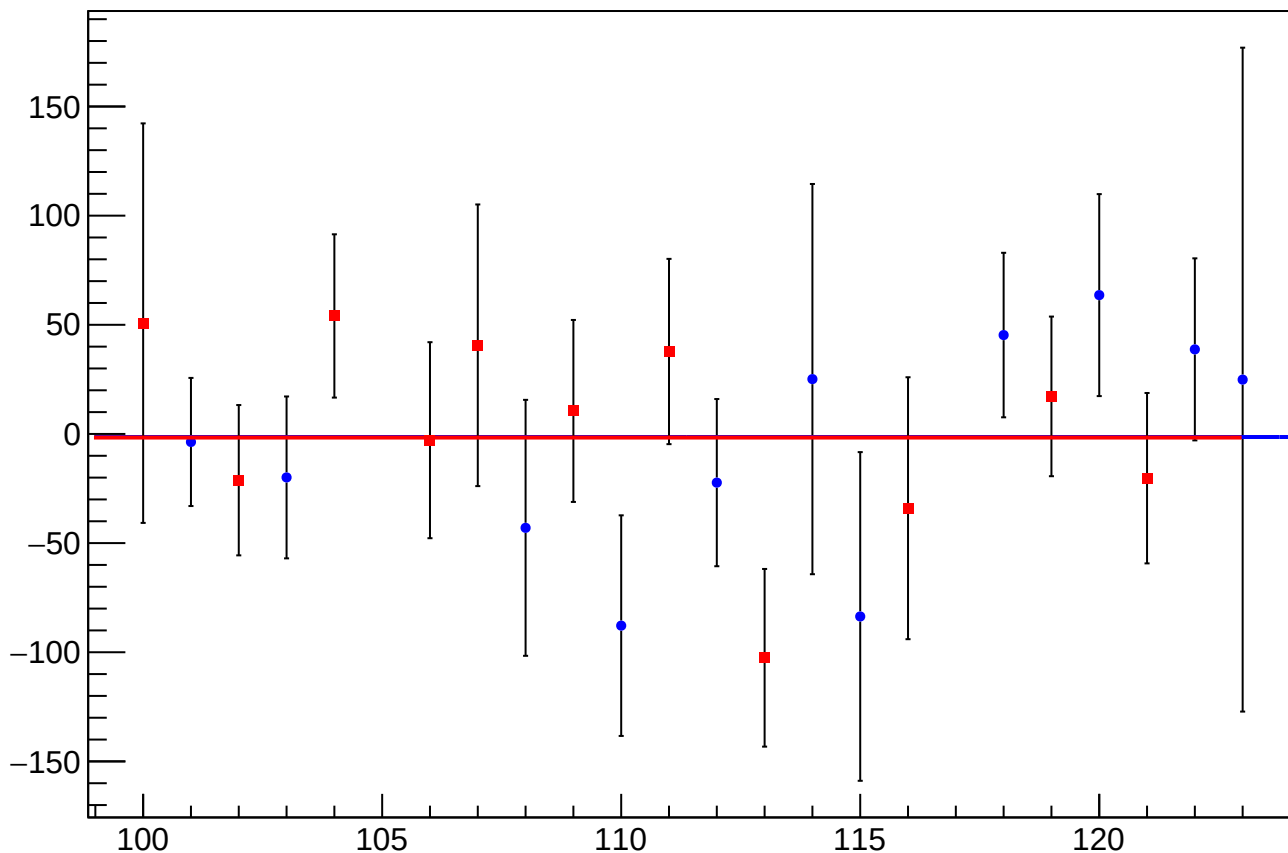
Right: 27903.943+/-6.689 χ^2/NDF : 143005.6/21

In: 27655.820+/-9.673 χ^2/NDF : 98020.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27903.943+/-6.689 χ^2/NDF : 143005.6/21

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -1.400 ± 13.679 χ^2/NDF : 9.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.647 ± 13.096 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

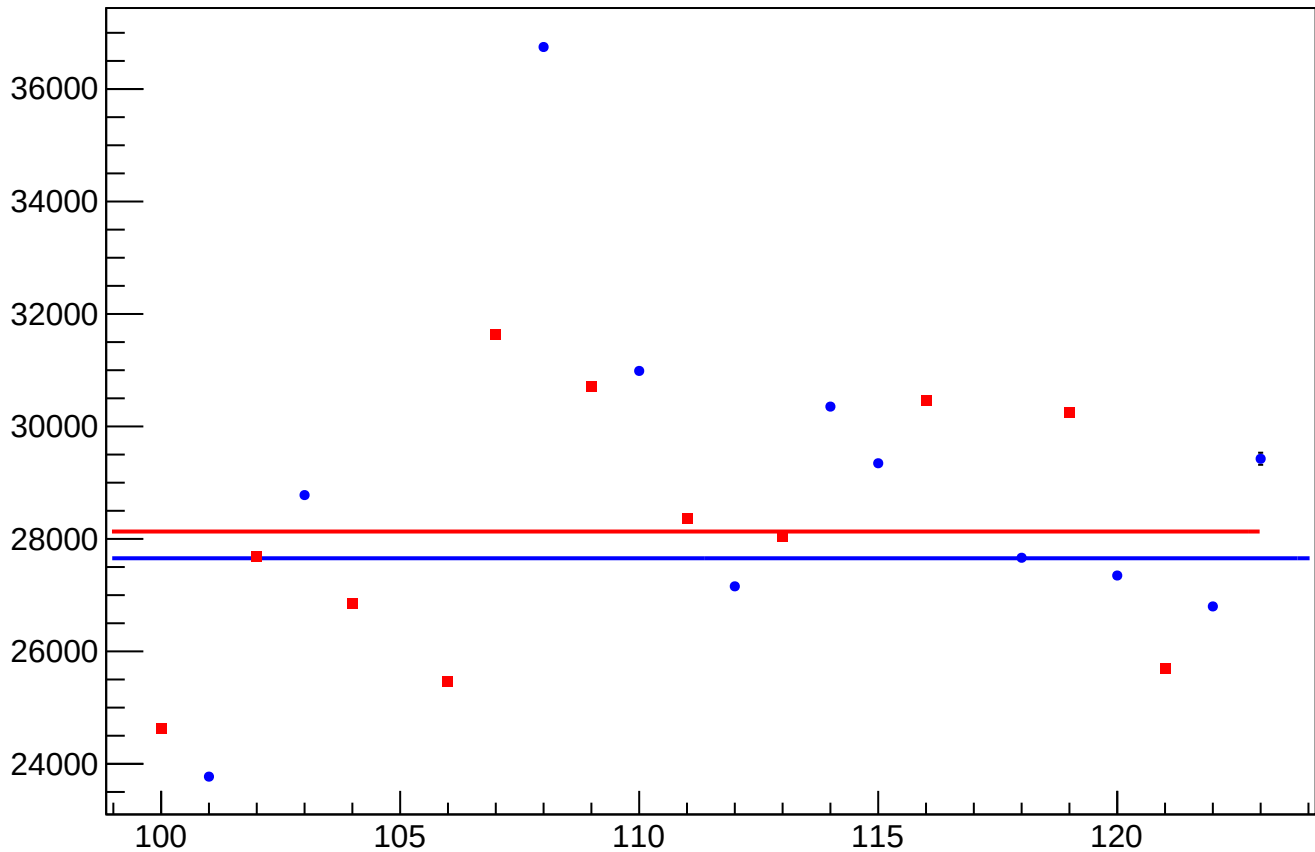
Right: -1.529 ± 9.460 χ^2/NDF : 20.9/21

In: -1.400 ± 13.679 χ^2/NDF : 9.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.529 ± 9.460 χ^2/NDF : 20.9/21

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27655.820+/-9.673 χ^2/NDF : 98020.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28131.352+/-9.260 χ^2/NDF : 43724.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

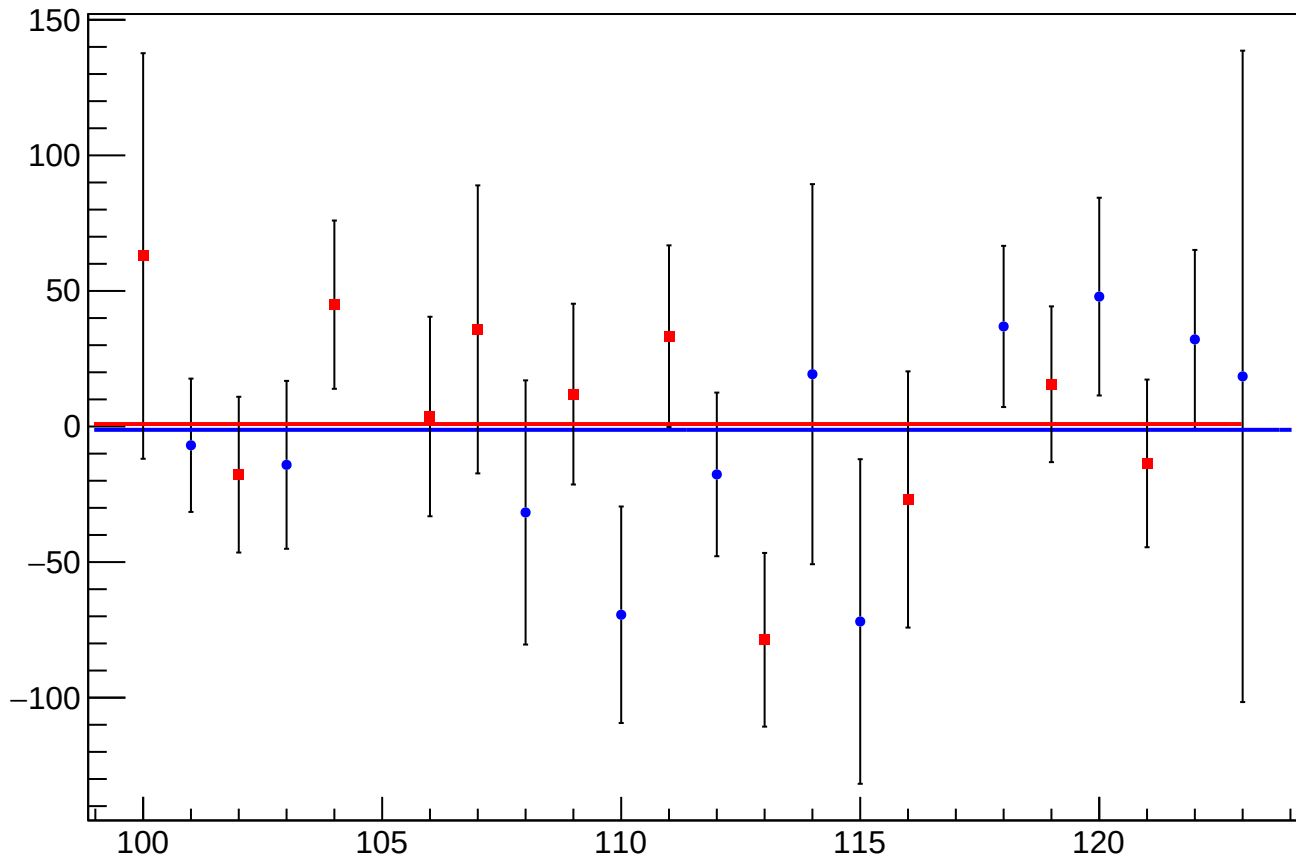
Right: 27903.943+/-6.689 χ^2/NDF : 143005.6/21

In: 27655.820+/-9.673 χ^2/NDF : 98020.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27903.943+/-6.689 χ^2/NDF : 143005.6/21

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -1.222 ± 11.044 χ^2/NDF : 9.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.914 ± 10.544 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

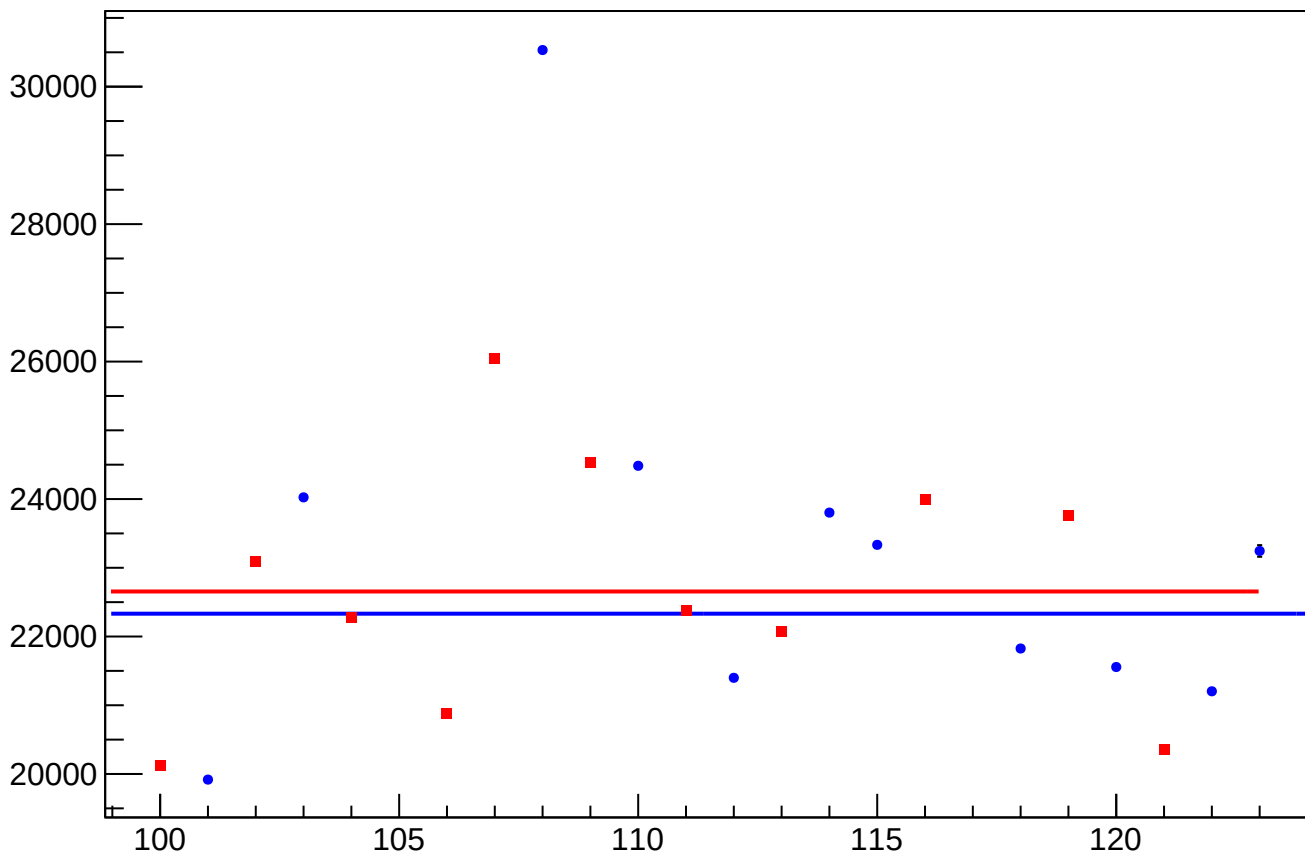
Right: -0.105 ± 7.626 χ^2/NDF : 21.4/21

In: -1.222 ± 11.044 χ^2/NDF : 9.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.105 ± 7.626 χ^2/NDF : 21.4/21

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22332.144+/-7.809 χ^2/NDF : 95033.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22655.164+/-7.456 χ^2/NDF : 38553.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

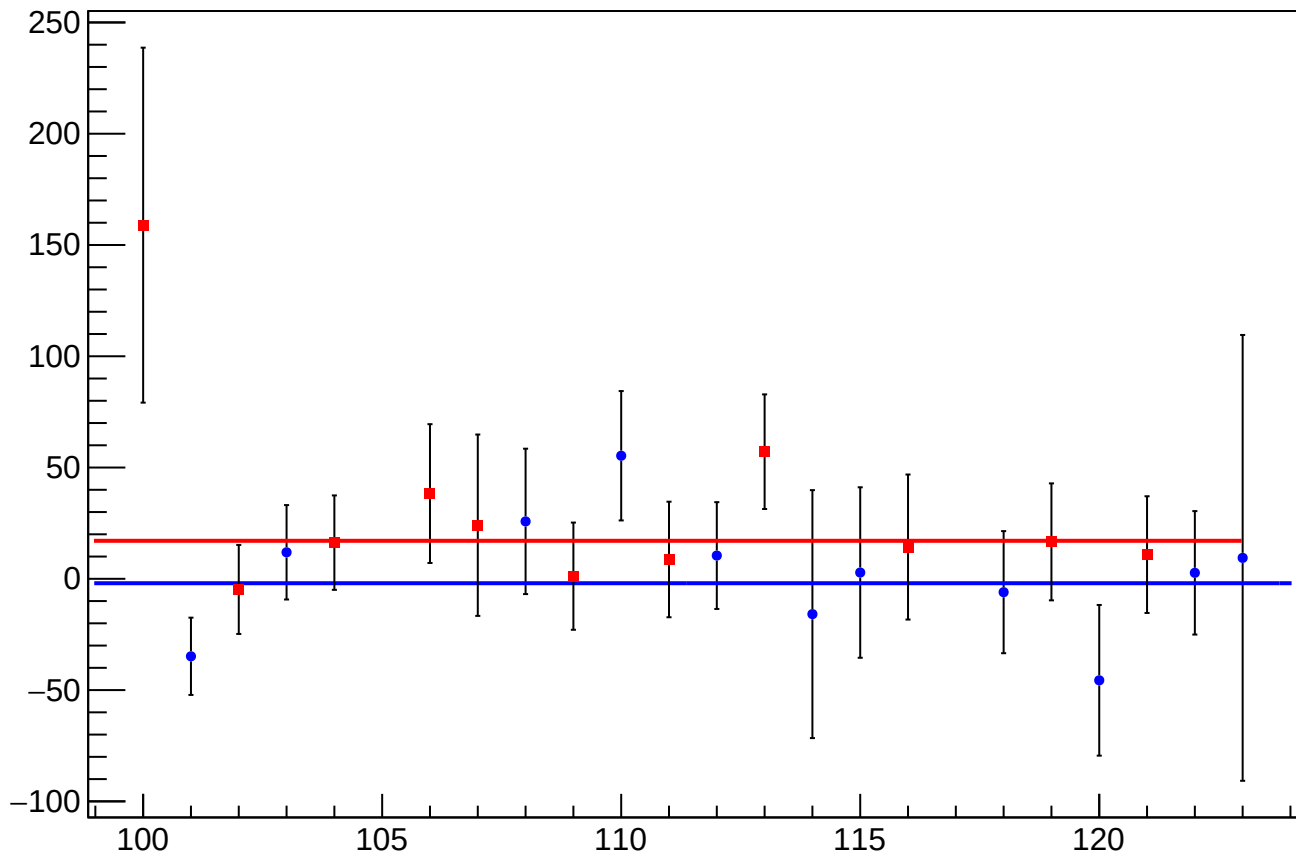
Right: 22501.130+/-5.393 χ^2/NDF : 134482.1/21

In: 22332.144+/-7.809 χ^2/NDF : 95033.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22501.130+/-5.393 χ^2/NDF : 134482.1/21

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -1.983+/-8.451 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.083+/-8.146 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

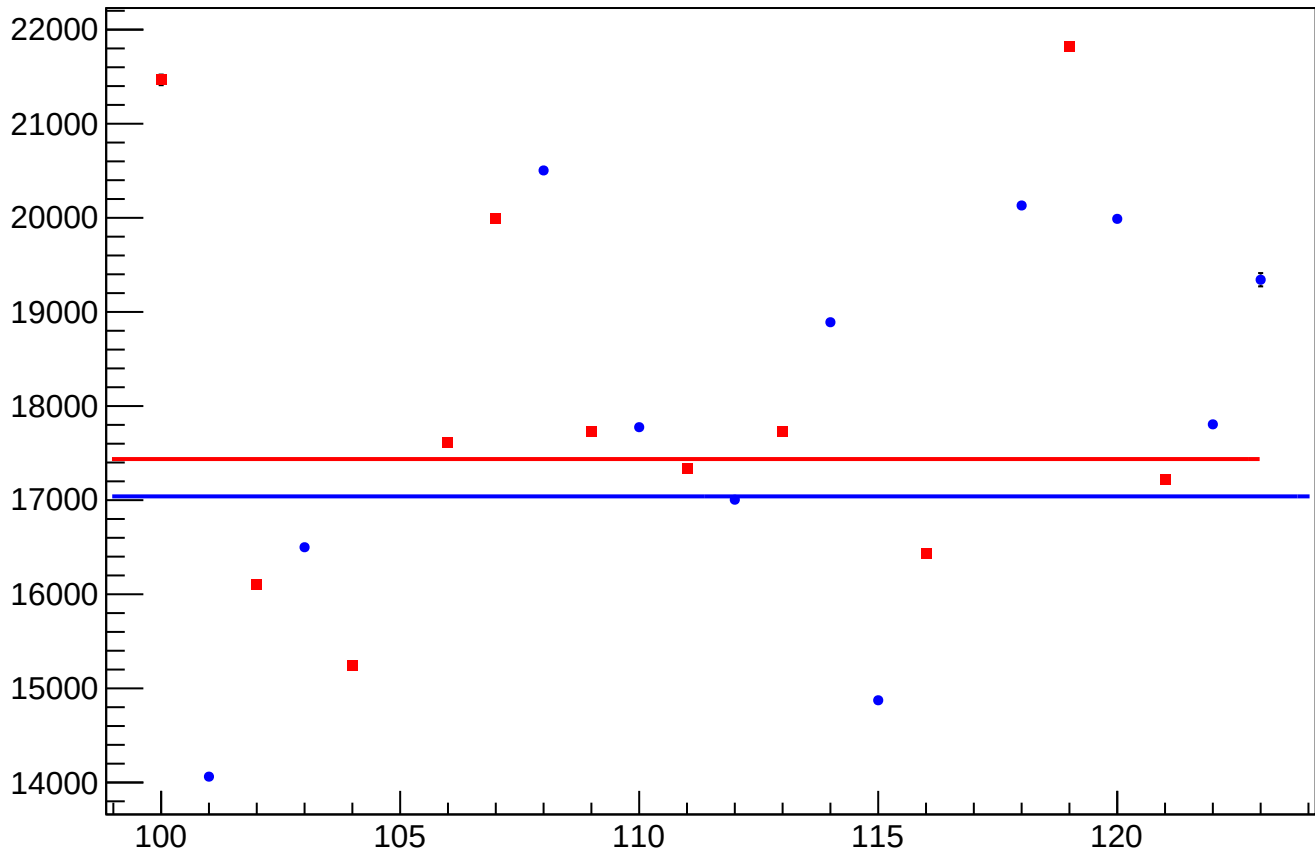
Right: 7.900+/-5.865 χ^2/NDF : 21.2/21

In: -1.983+/-8.451 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.900+/-5.865 χ^2/NDF : 21.2/21

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17040.174+/-5.976 χ^2/NDF : 135666.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17436.834+/-5.760 χ^2/NDF : 101752.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

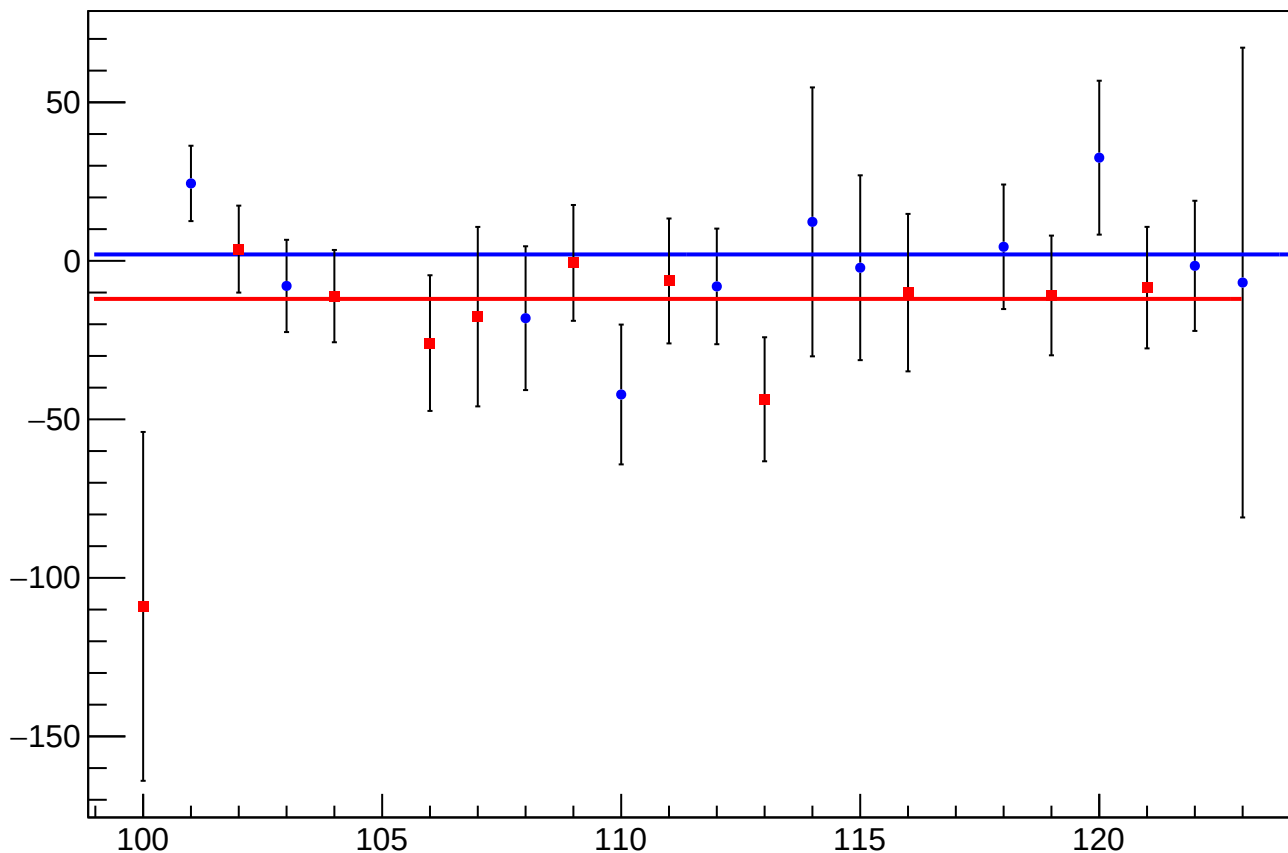
Right: 17245.793+/-4.147 χ^2/NDF : 239703.0/21

In: 17040.174+/-5.976 χ^2/NDF :135666.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17245.793+/-4.147 χ^2/NDF : 239703.0/21

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 2.020+/-6.043 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.006+/-5.859 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

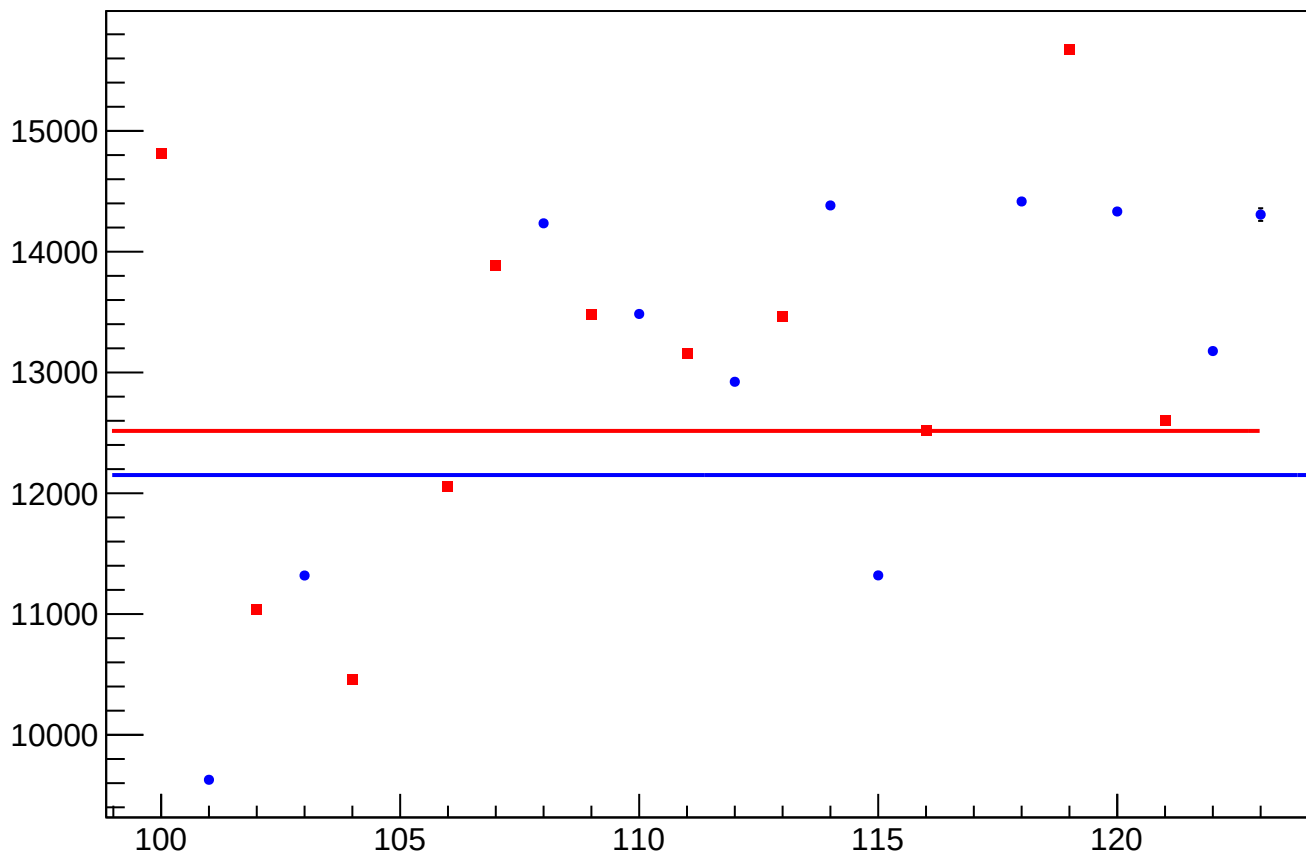
Right: -5.210+/-4.206 χ^2/NDF : 21.6/21

In: 2.020+/-6.043 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.210+/-4.206 χ^2/NDF : 21.6/21

diff_bpm4aediiffX_rms vs Slug, Sign Corrected



Right In: 12150.893+/-4.273 χ^2/NDF : 181043.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12516.288+/-4.143 χ^2/NDF : 140694.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

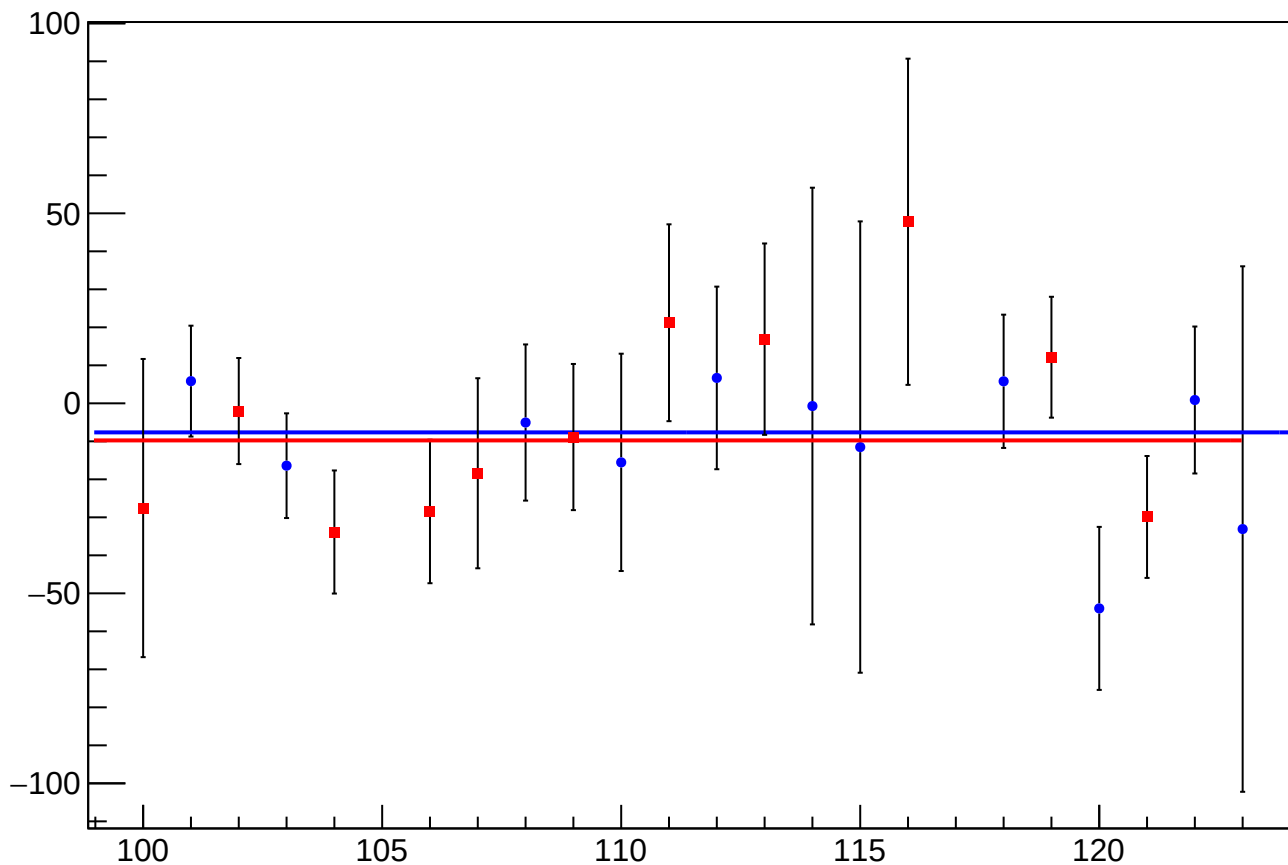
Right: 12339.240+/-2.974 χ^2/NDF : 325506.8/21

In: 12150.893+/-4.273 χ^2/NDF : 181043.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12339.240+/-2.974 χ^2/NDF : 325506.8/21

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -7.643+/-6.430 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.756+/-5.960 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

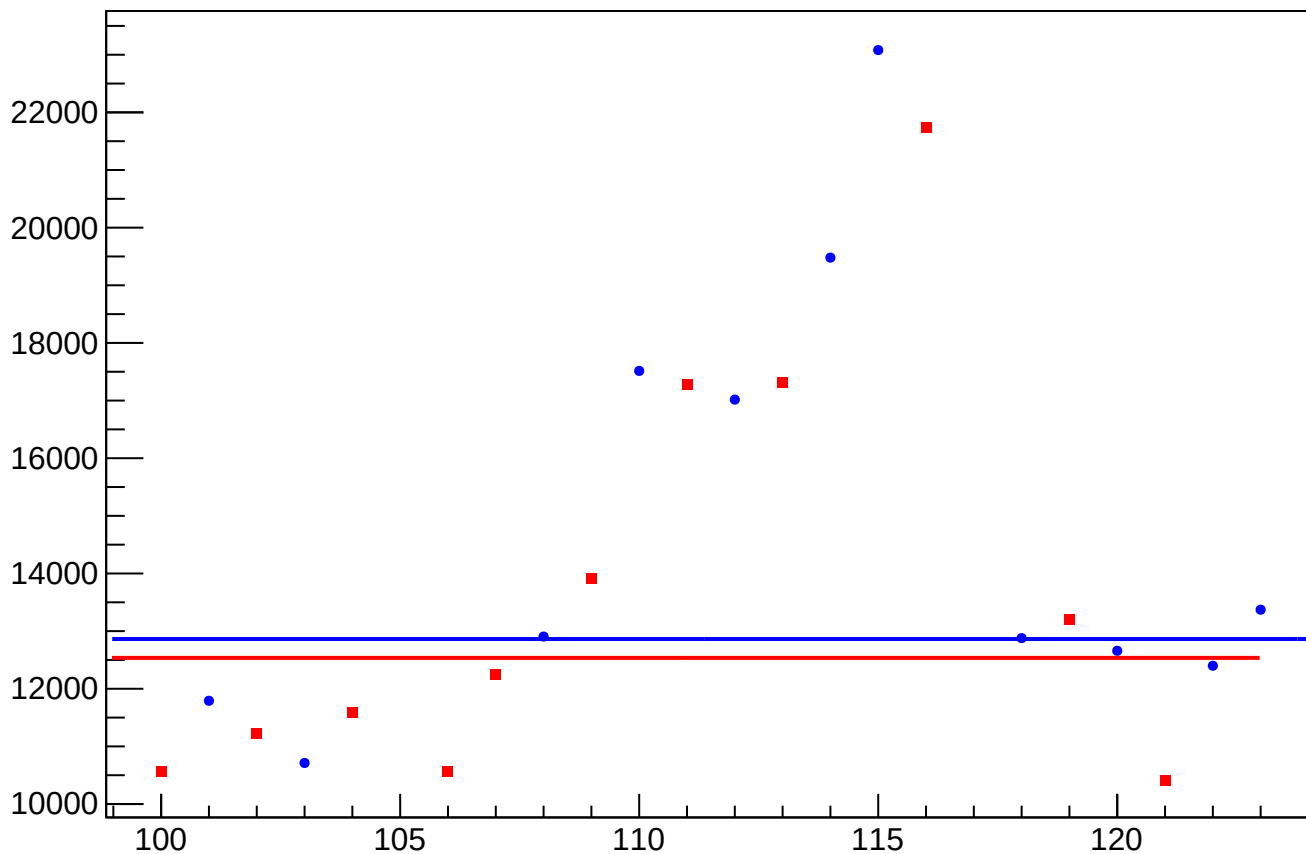
Right: -8.780+/-4.371 χ^2/NDF : 19.0/21

In: -7.643+/-6.430 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.780+/-4.371 χ^2/NDF : 19.0/21

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12863.083+/-4.547 χ^2/NDF : 259396.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12535.905+/-4.214 χ^2/NDF : 331579.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

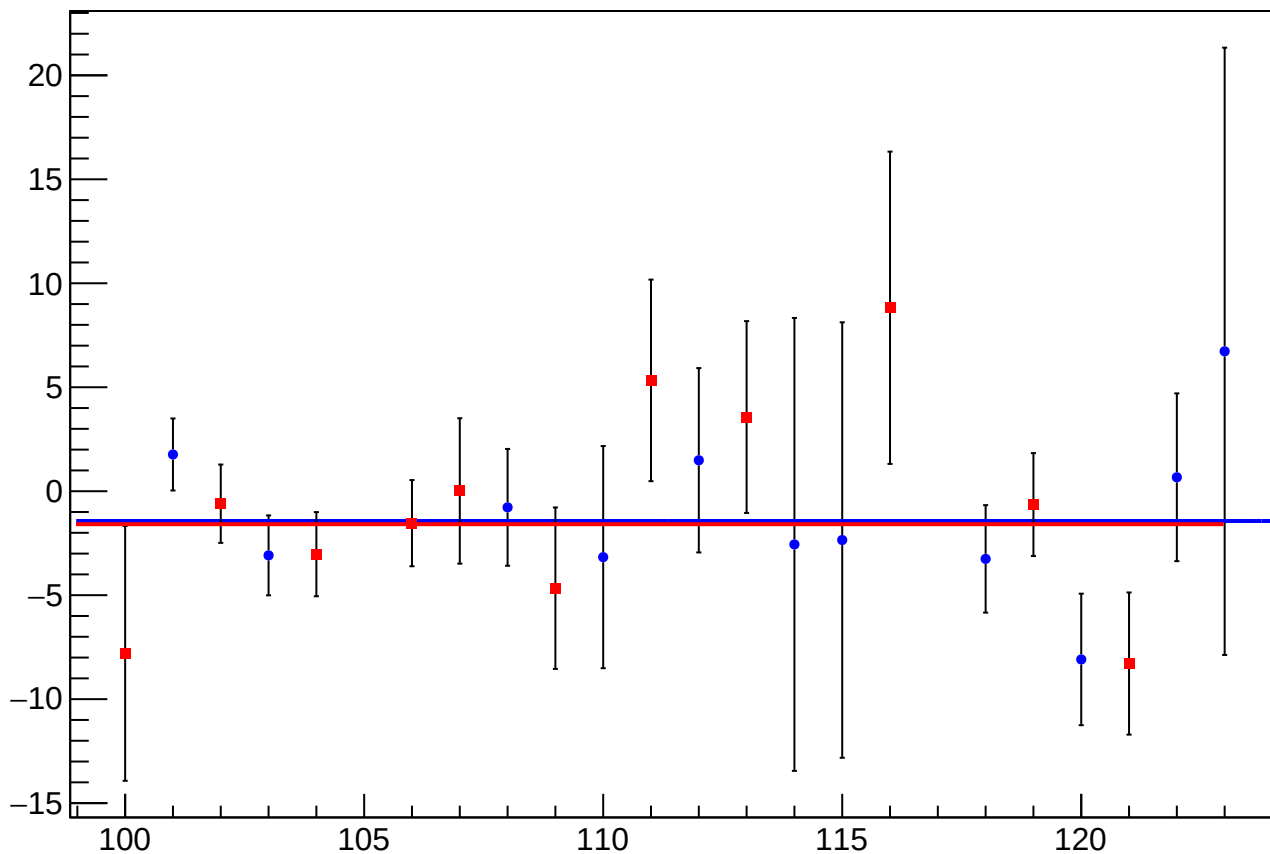
Right: 12687.097+/-3.091 χ^2/NDF : 593760.6/21

In: 12863.083+/-4.547 χ^2/NDF : 259396.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12687.097+/-3.091 χ^2/NDF : 593760.6/21

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.432+/-0.932 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.586+/-0.881 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

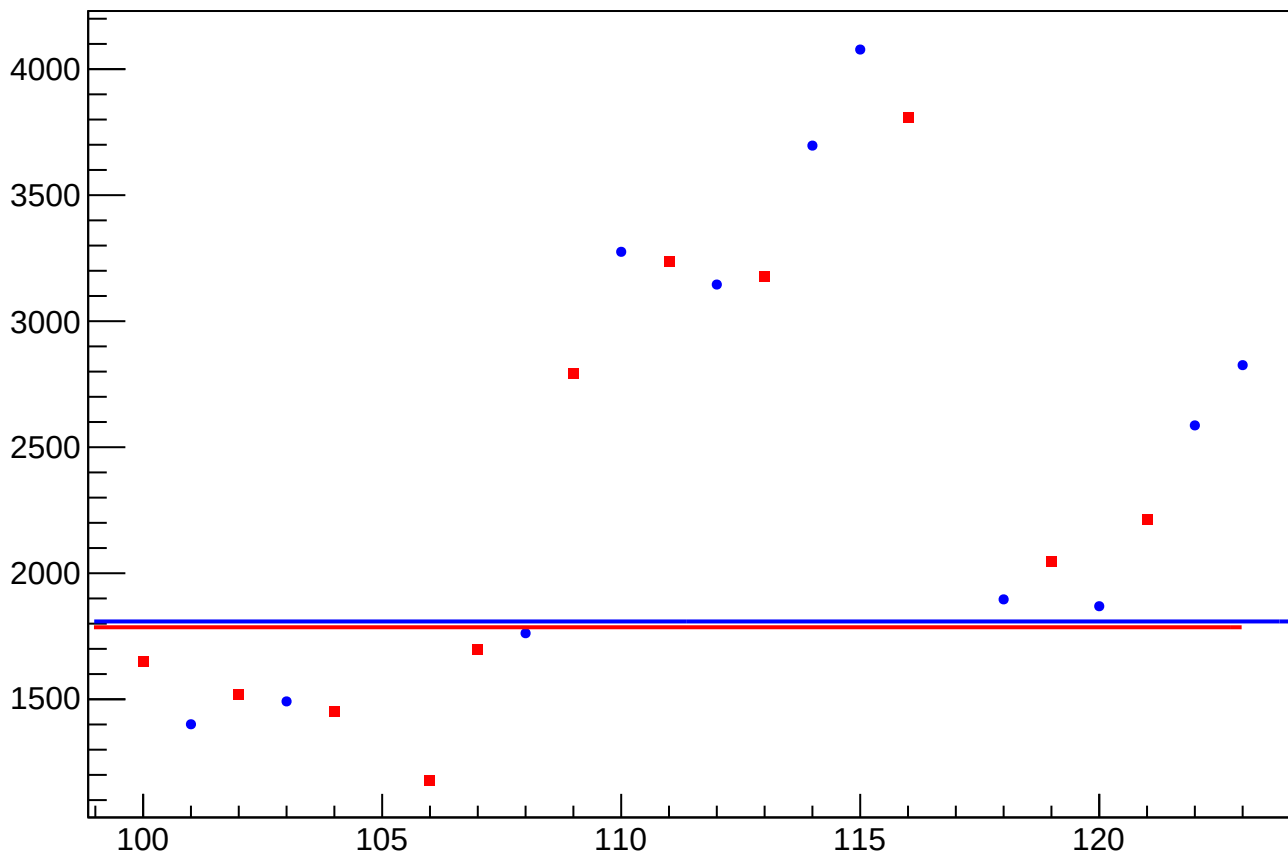
Right: -1.513+/-0.640 χ^2/NDF : 22.1/21

In: -1.432+/-0.932 χ^2/NDF :10.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.513+/-0.640 χ^2/NDF : 22.1/21

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1808.740+/-0.659 χ^2/NDF : 739647.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1785.682+/-0.623 χ^2/NDF : 963709.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

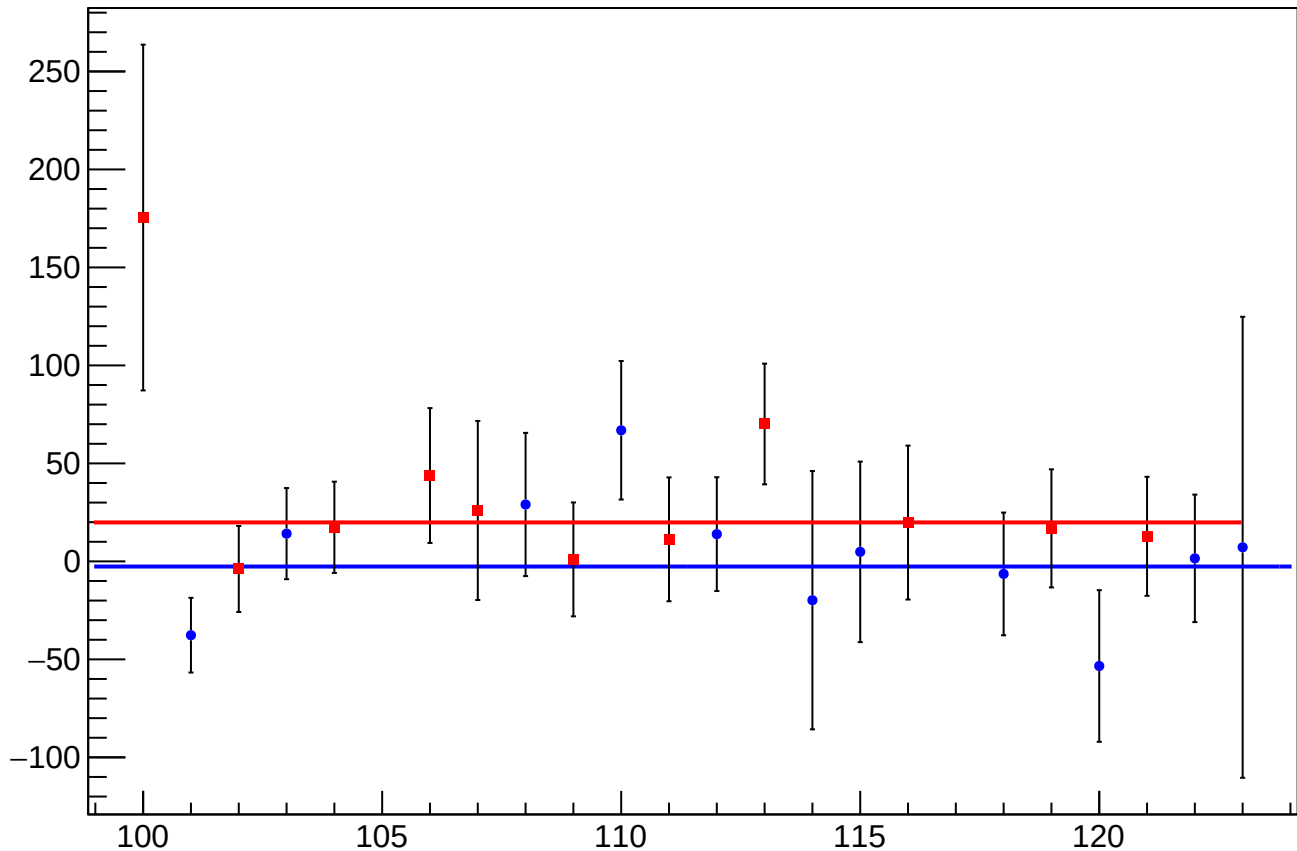
Right: 1796.552+/-0.453 χ^2/NDF : 1704003.0/21

In: 1808.740+/-0.659 χ^2/NDF : 739647.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.552+/-0.453 χ^2/NDF : 1704003.0/21

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -2.632+/-9.647 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.882+/-9.346 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

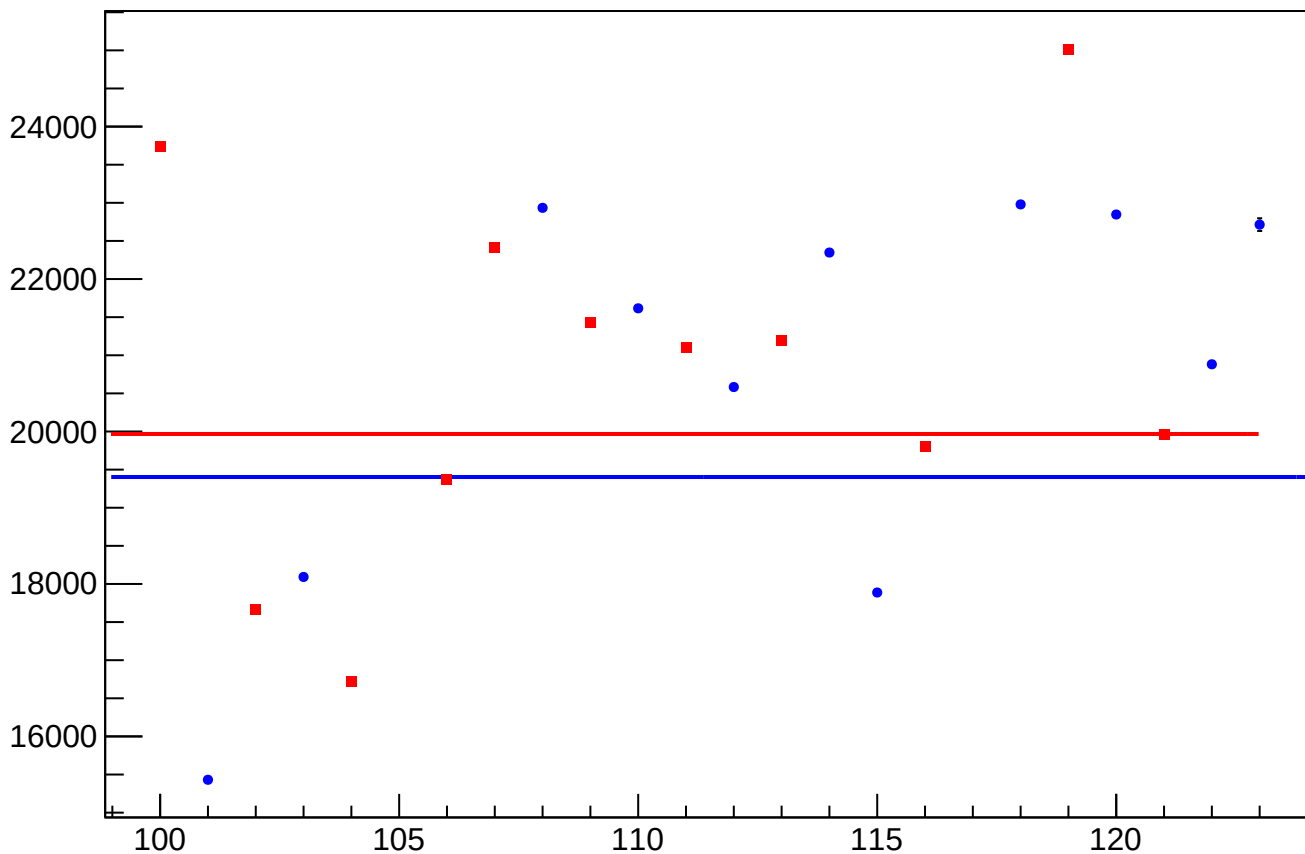
Right: 8.982+/-6.712 χ^2/NDF : 21.5/21

In: -2.632+/-9.647 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.982+/-6.712 χ^2/NDF : 21.5/21

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 19402.948+/-6.821 χ^2/NDF : 176898.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19967.464+/-6.608 χ^2/NDF : 137890.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

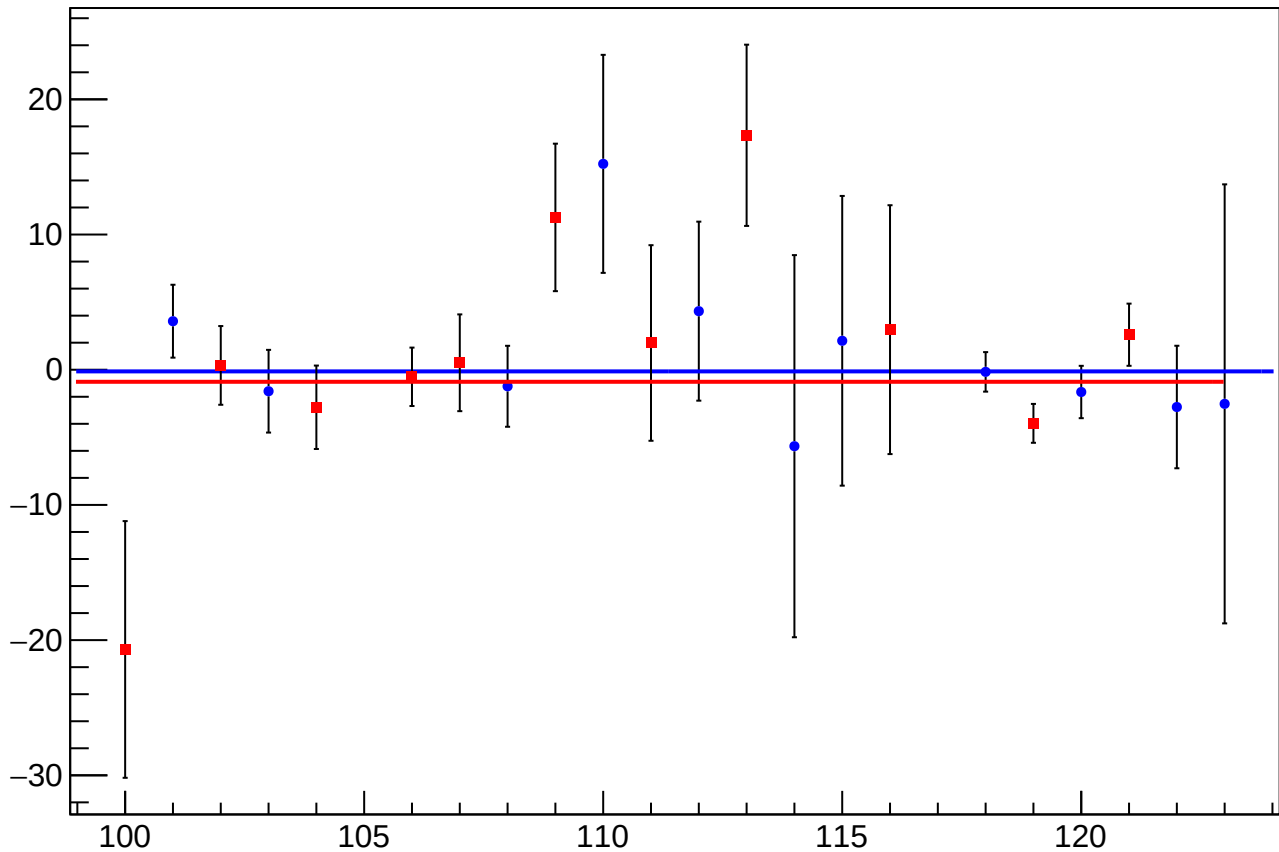
Right: 19694.155+/-4.746 χ^2/NDF : 318321.3/21

In: 19402.948+/-6.821 χ^2/NDF : 176898.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19694.155+/-4.746 χ^2/NDF : 318321.3/21

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.123 ± 0.915 χ^2/NDF : 7.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.891 ± 0.882 χ^2/NDF : 24.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

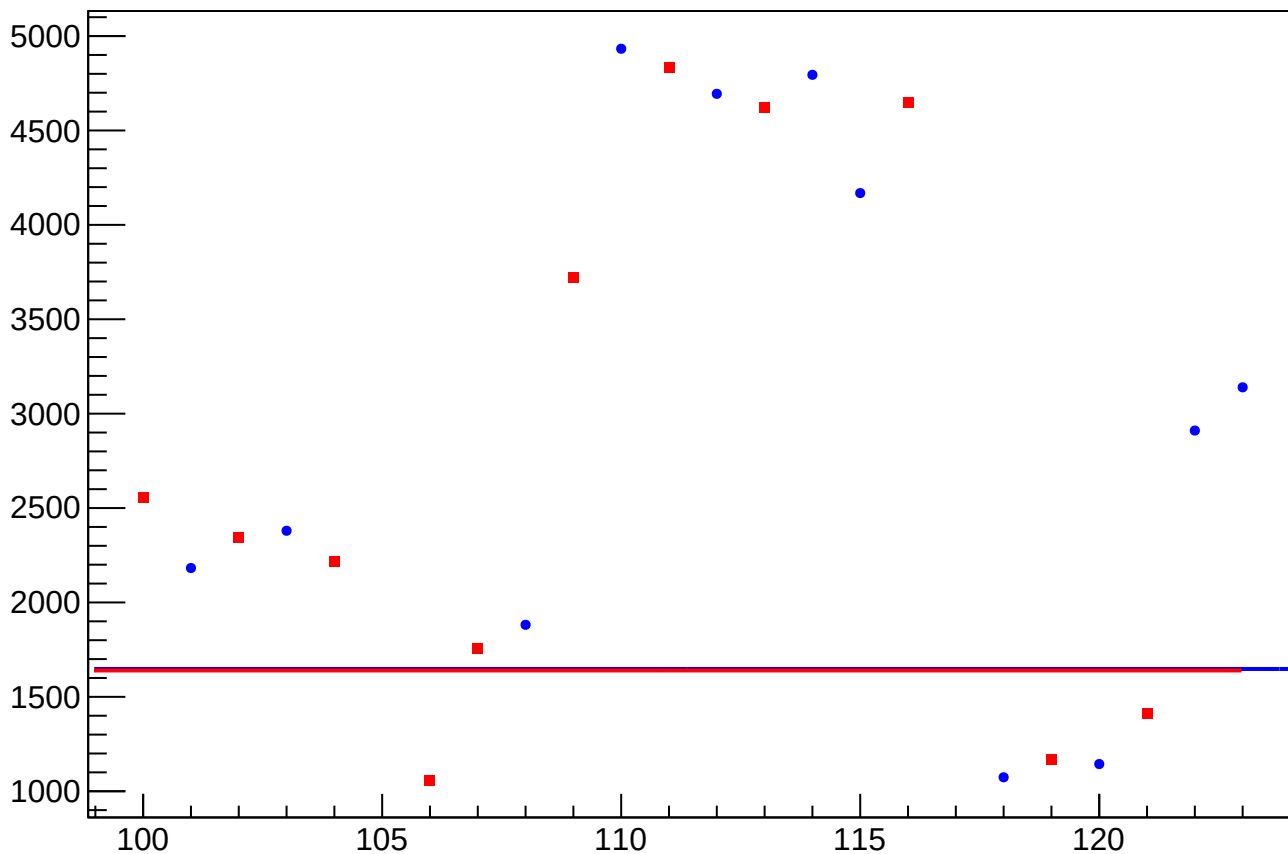
Right: -0.521 ± 0.635 χ^2/NDF : 32.5/21

In: -0.123 ± 0.915 χ^2/NDF : 7.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.521 ± 0.635 χ^2/NDF : 32.5/21

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1647.650+/-0.647 χ^2/NDF : 1786404.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.782+/-0.624 χ^2/NDF : 1878333.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

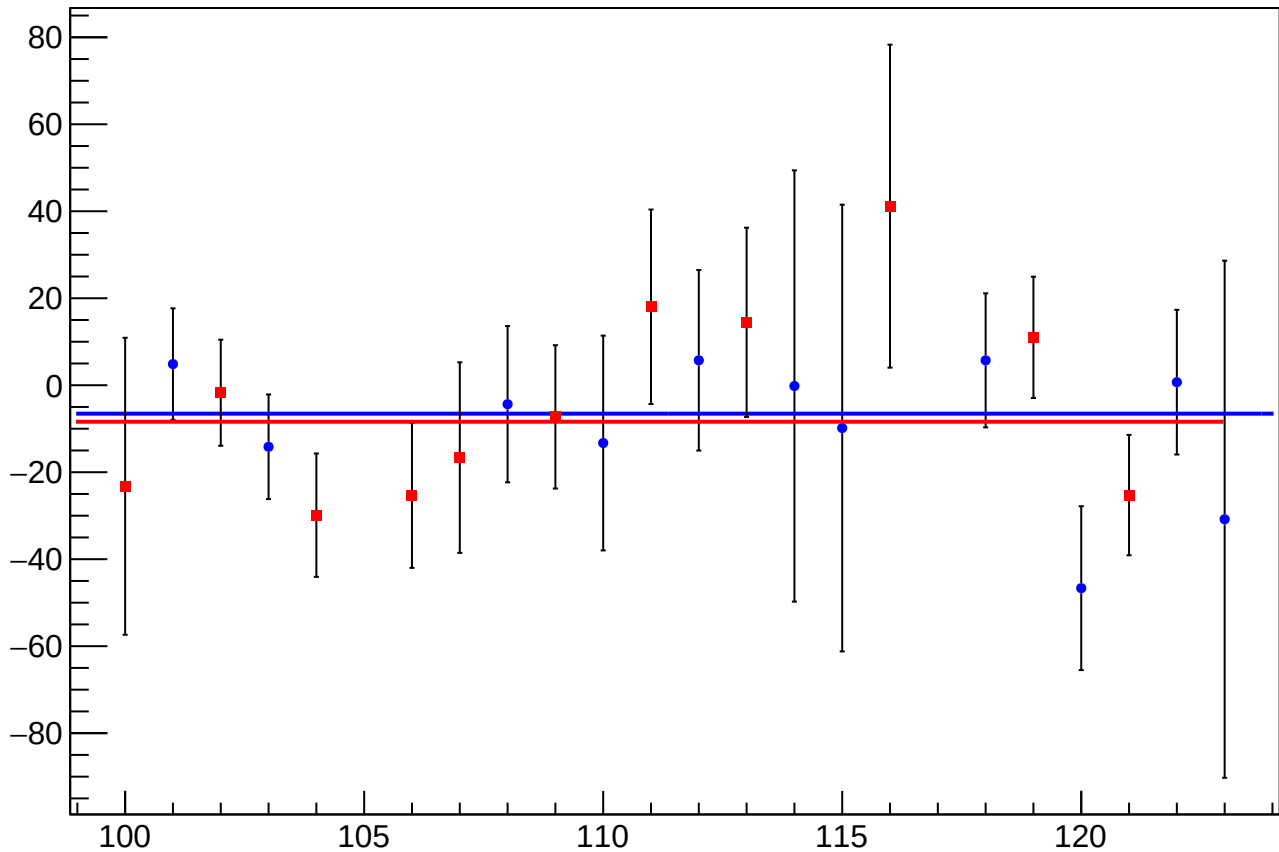
Right: 1643.572+/-0.449 χ^2/NDF : 3664814.4/21

In: 1647.650+/-0.647 χ^2/NDF : 1786404.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.572+/-0.449 χ^2/NDF : 3664814.4/21

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -6.538 ± 5.611 $\chi^2/\text{NDF}: 7.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.392 ± 5.189 $\chi^2/\text{NDF}: 11.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

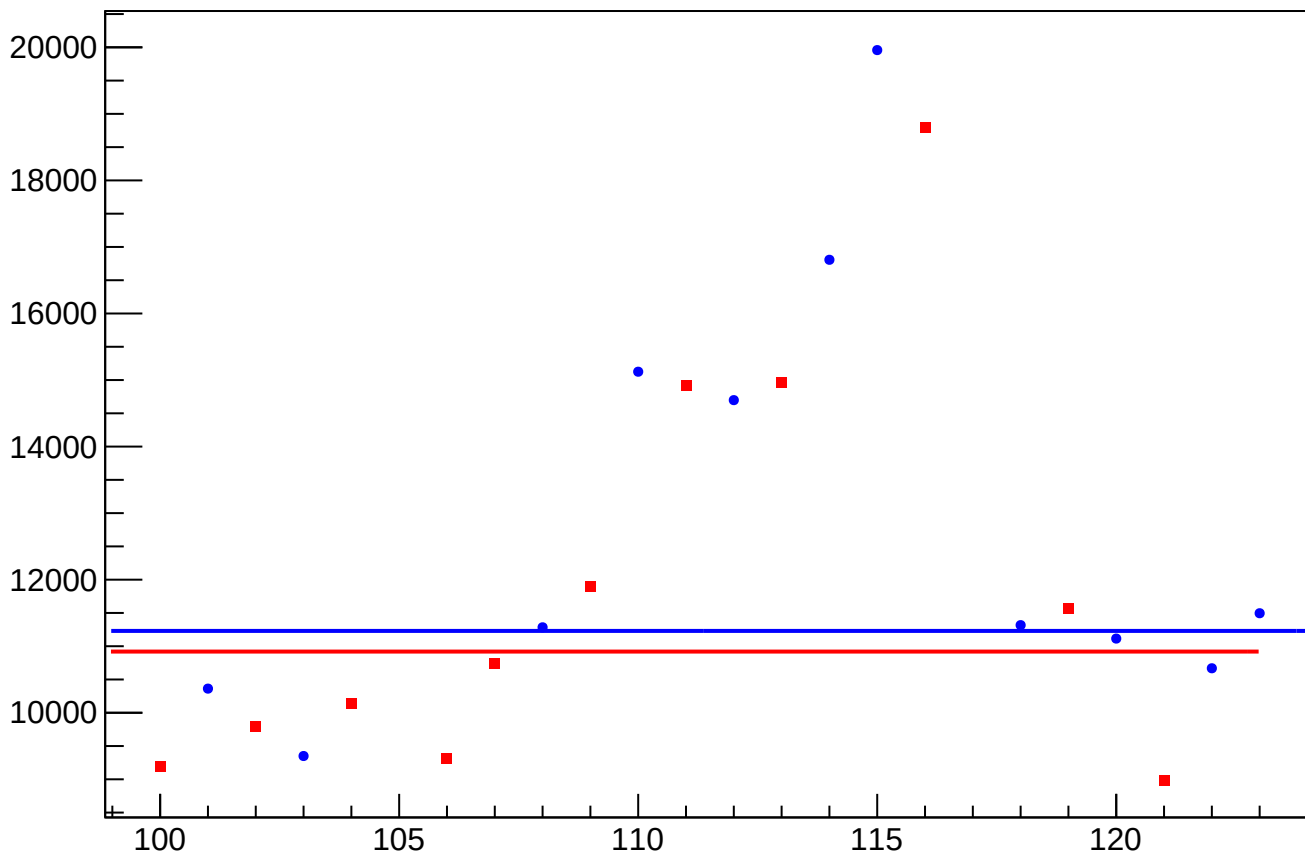
Right: -7.537 ± 3.810 $\chi^2/\text{NDF}: 18.9/21$

In: -6.538 ± 5.611 $\chi^2/\text{NDF}: 7.2/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.537 ± 3.810 $\chi^2/\text{NDF}: 18.9/21$

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11229.937+/-3.967 χ^2/NDF : 249200.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10919.559+/-3.669 χ^2/NDF : 320394.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

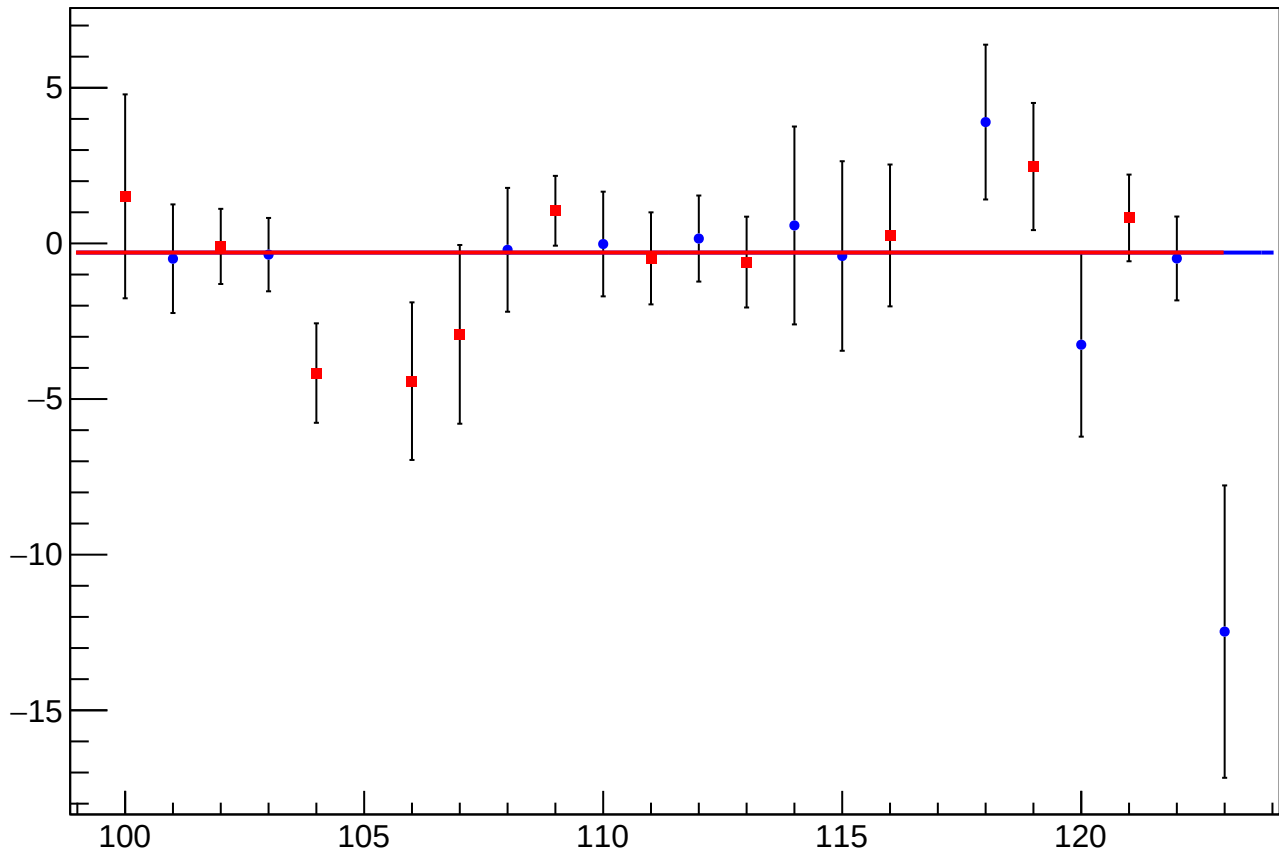
Right: 11062.661+/-2.694 χ^2/NDF : 572893.6/21

In: 11229.937+/-3.967 χ^2/NDF : 249200.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11062.661+/-2.694 χ^2/NDF : 572893.6/21

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.294+/-0.554 χ^2 /NDF: 10.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.293+/-0.493 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

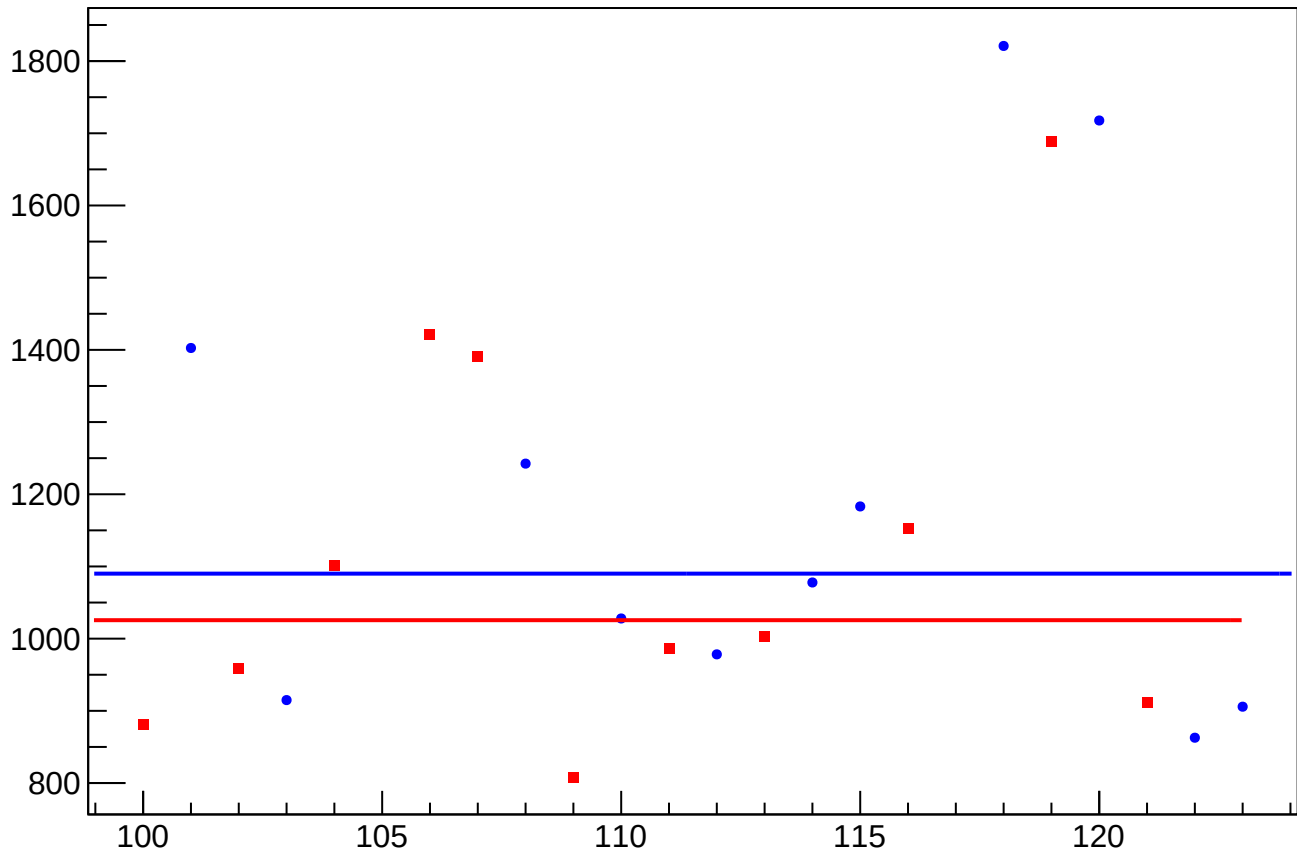
Right: -0.293+/-0.368 χ^2 /NDF: 24.5/21

In: -0.294+/-0.554 χ^2 /NDF:10.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.293+/-0.368 χ^2 /NDF: 24.5/21

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1090.053+/-0.392 χ^2/NDF : 460908.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1025.575+/-0.348 χ^2/NDF : 403775.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

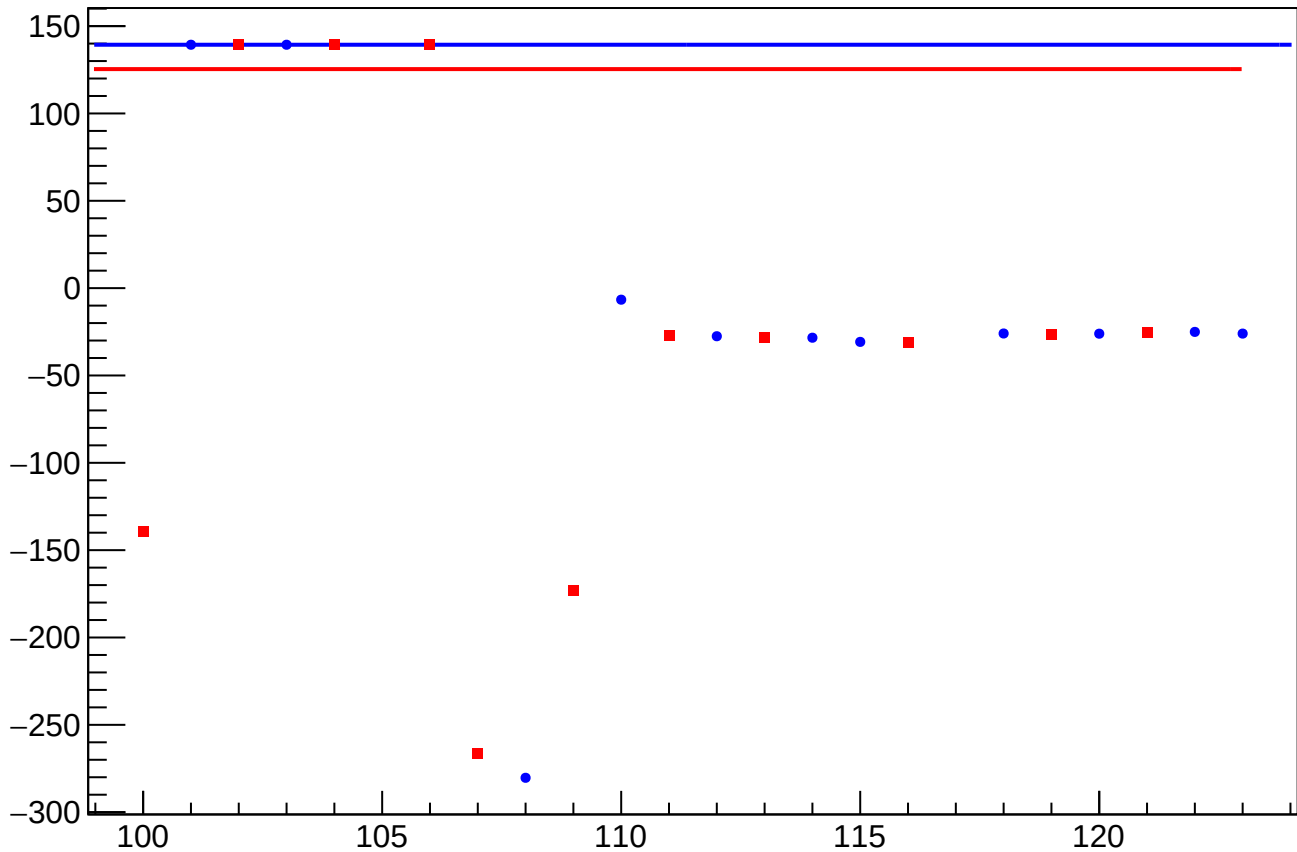
Right: 1054.050+/-0.260 χ^2/NDF : 879807.2/21

In: 1090.053+/-0.392 χ^2/NDF :460908.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1054.050+/-0.260 χ^2/NDF : 879807.2/21

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 23271186981.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774156186396319.9/10

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

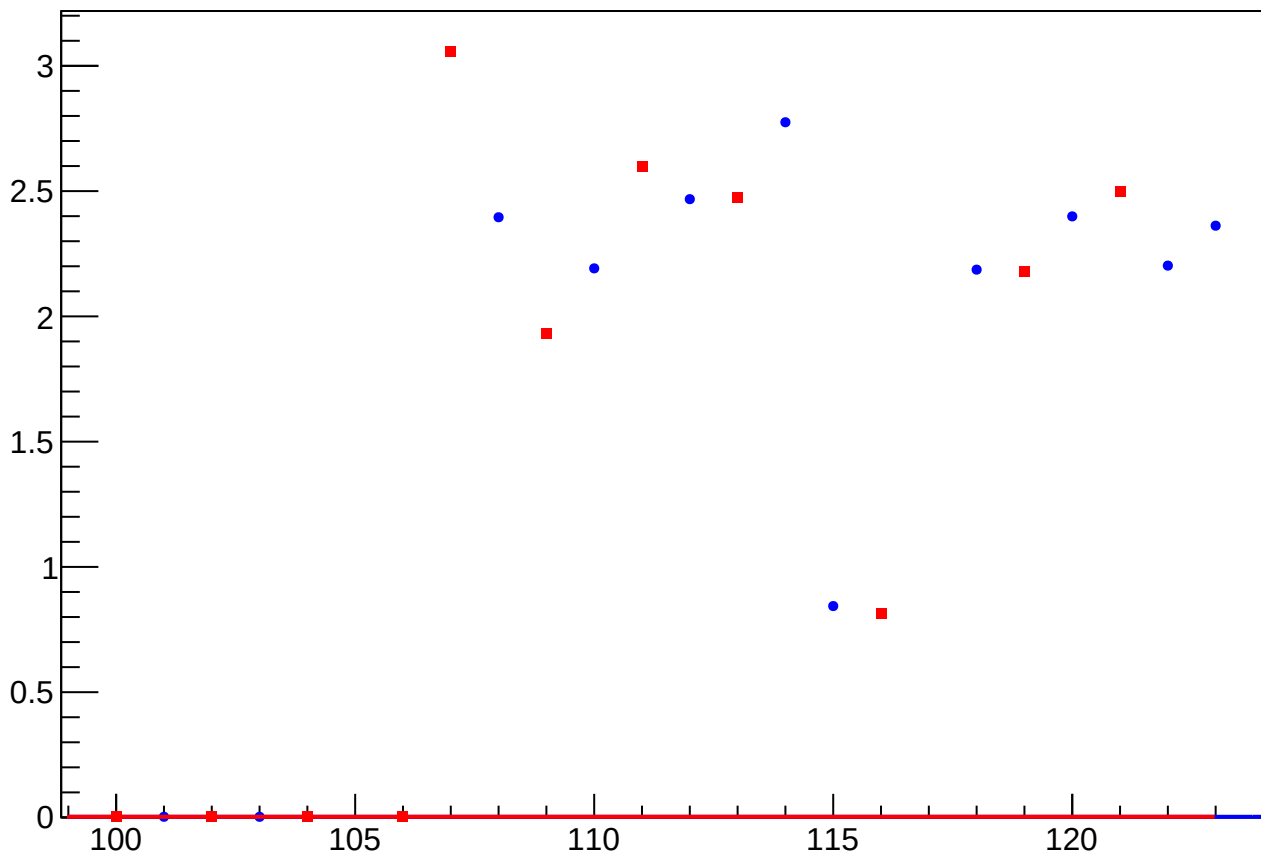
Right: 131.819 $\pm$ 0.000 χ^2 /NDF: 792964884215597

In: 139.338 $\pm$ 0.000 χ^2 /NDF: 23271186981.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792964884215

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4758806.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5104389.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

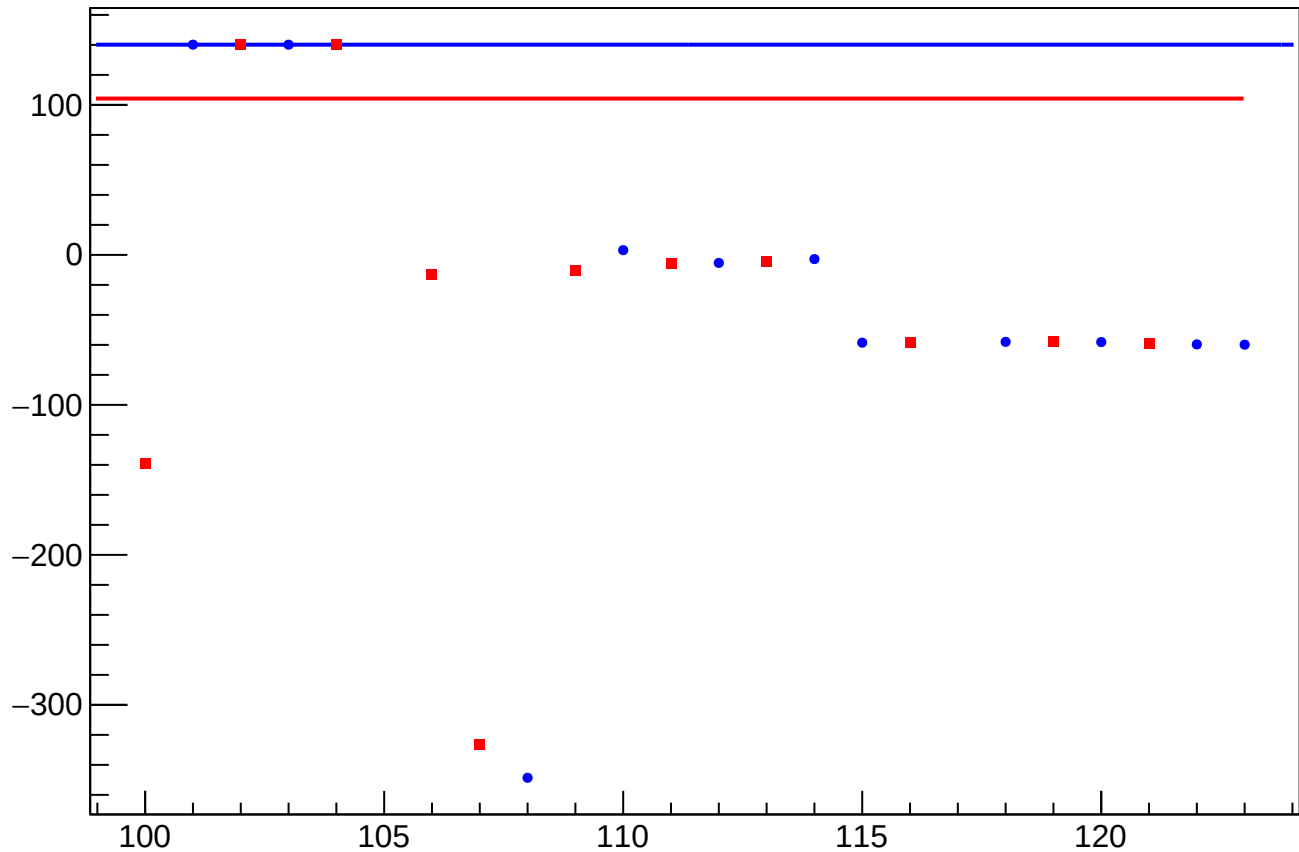
Right: 0.003+/-0.000 χ^2/NDF : 9863357.1/21

In: 0.003+/-0.000 χ^2/NDF :4758806.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9863357.1/21

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148+/-0.000 χ^2/NDF : 34311636019.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.227+/-0.000 χ^2/NDF : 1257318390210727.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

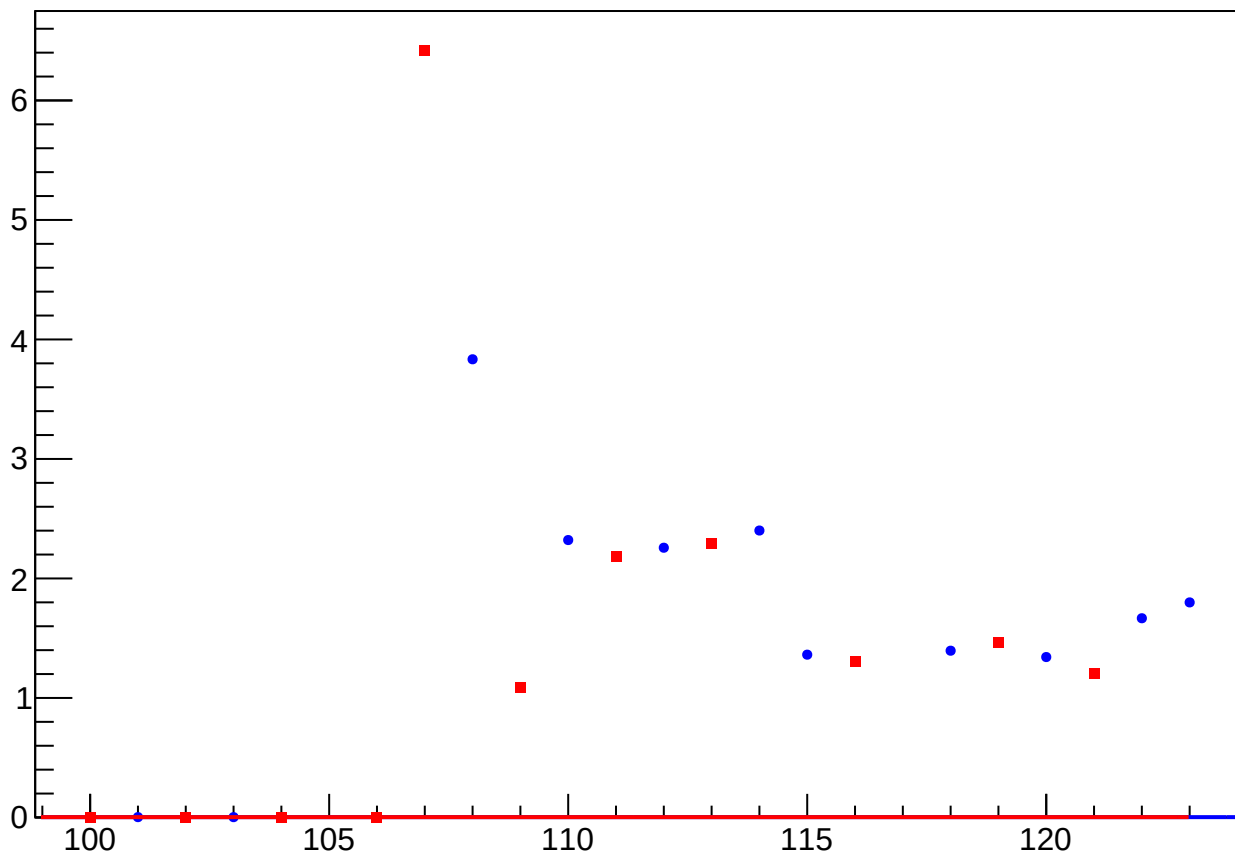
Right: 120.835+/-0.000 χ^2/NDF : 138066940621107

In: 140.148+/-0.000 χ^2/NDF : 34311636019.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.835+/-0.000 χ^2/NDF : 138066940621107

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 5152281.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5141715.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

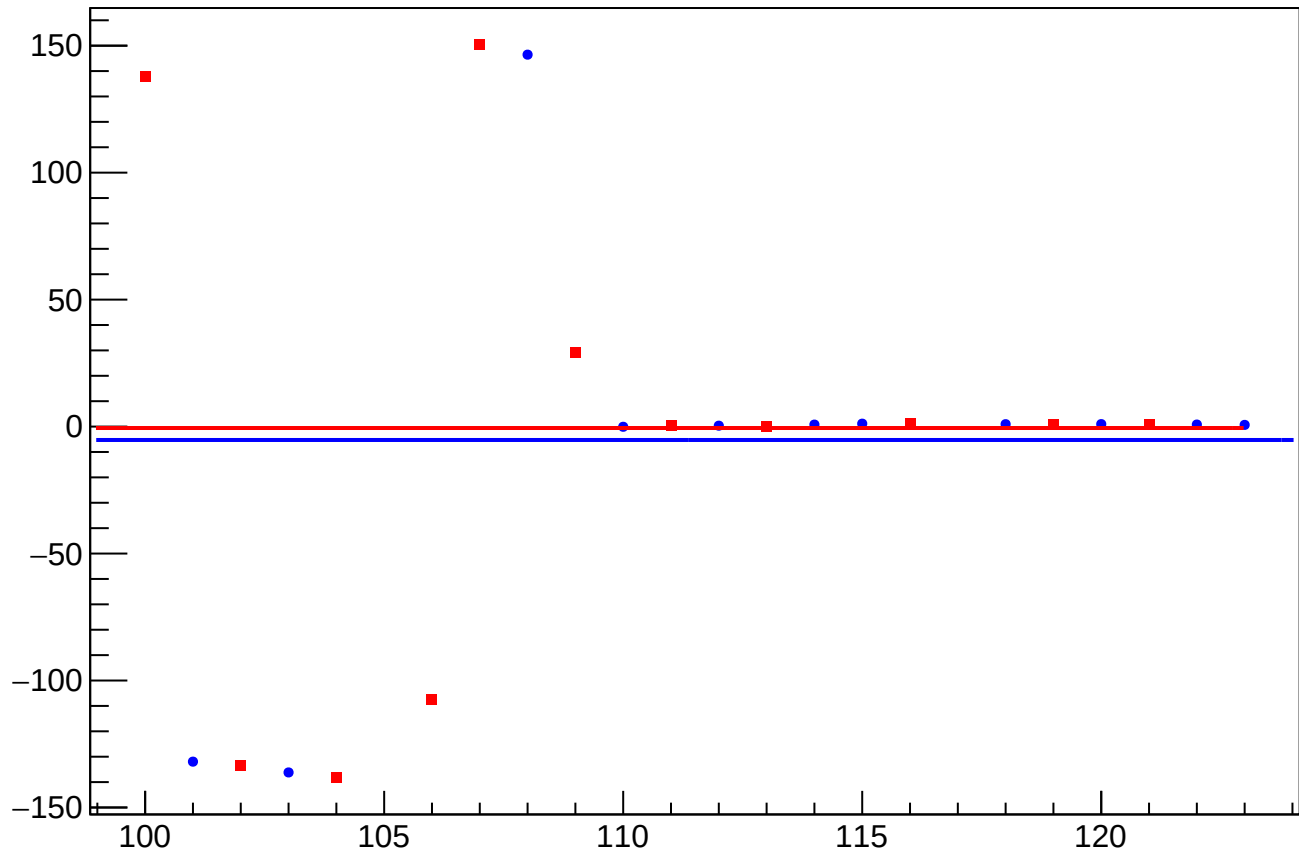
Right: 0.003+/-0.000 χ^2/NDF : 10294151.2/21

In: 0.003+/-0.000 χ^2/NDF :5152281.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10294151.2/21

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -5.275+/-0.000 χ^2/NDF : 9741362418.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.559+/-0.000 χ^2/NDF : 3596924260.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

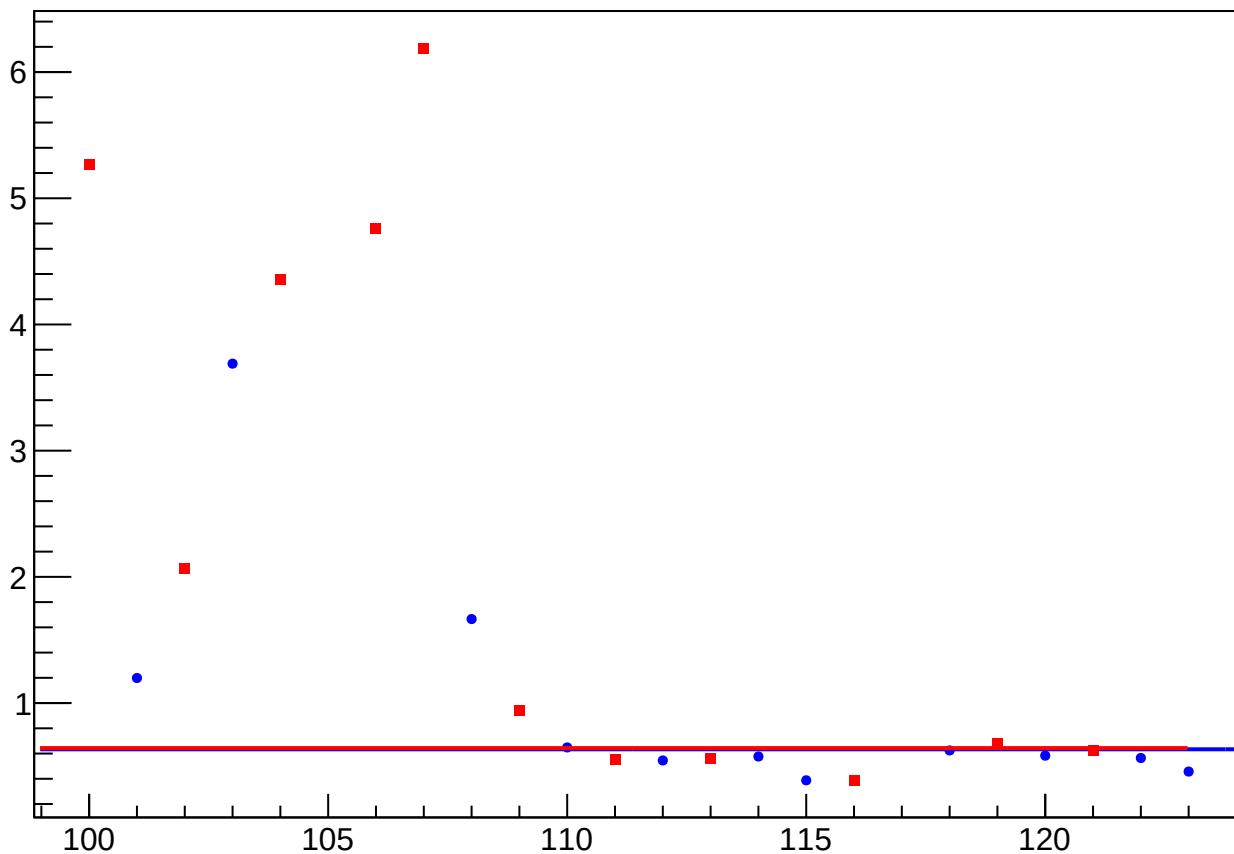
Right: -2.959+/-0.000 χ^2/NDF : 13413838650.9/21

In: -5.275+/-0.000 χ^2/NDF :9741362418.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.959+/-0.000 χ^2/NDF : 13413838650.9/21

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.634+/-0.000 χ^2/NDF : 1293603.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.643+/-0.000 χ^2/NDF : 2293829.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

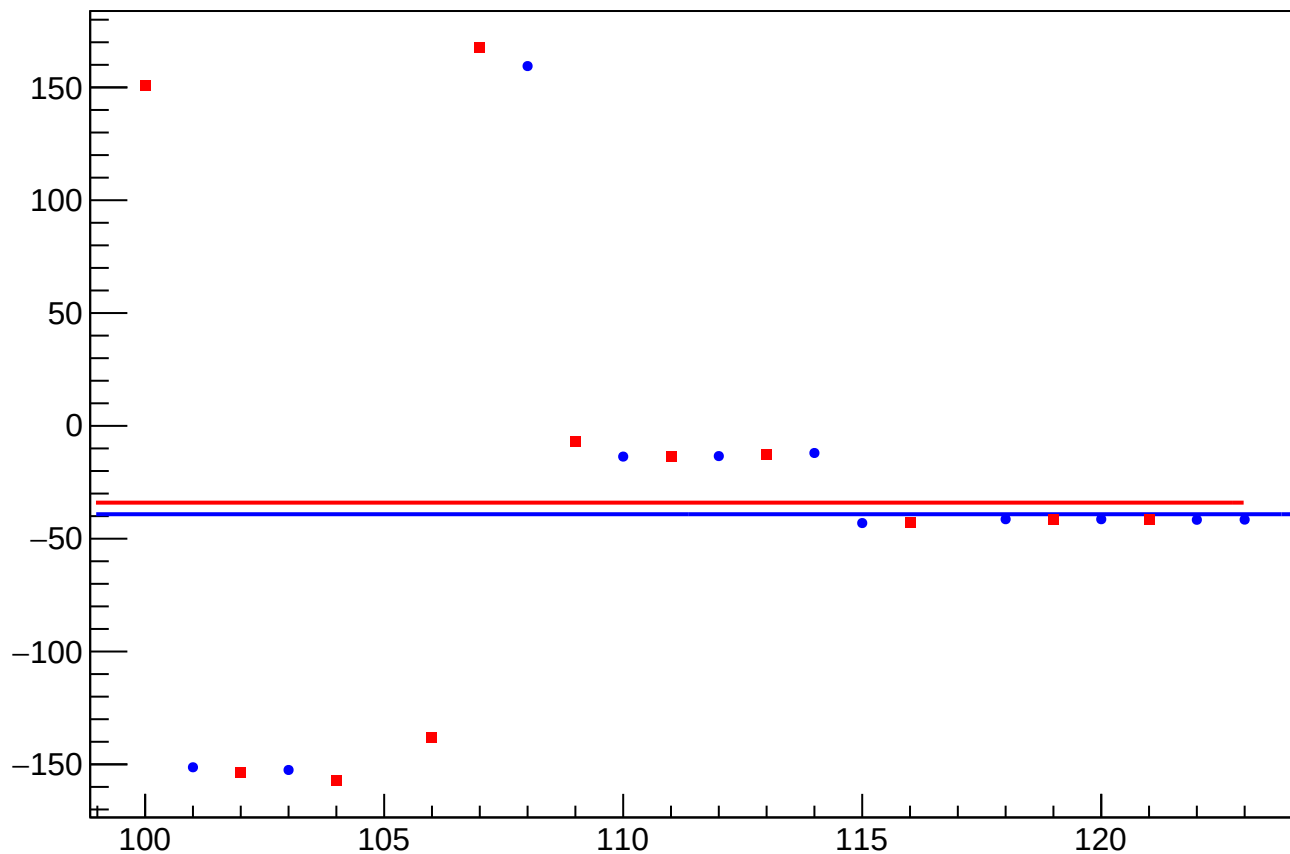
Right: 0.638+/-0.000 χ^2/NDF : 3588044.6/21

In: 0.634+/-0.000 χ^2/NDF : 1293603.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.638+/-0.000 χ^2/NDF : 3588044.6/21

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -39.155+/-0.000 χ^2/NDF : 3423443068.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.022+/-0.000 χ^2/NDF : 2287044602.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

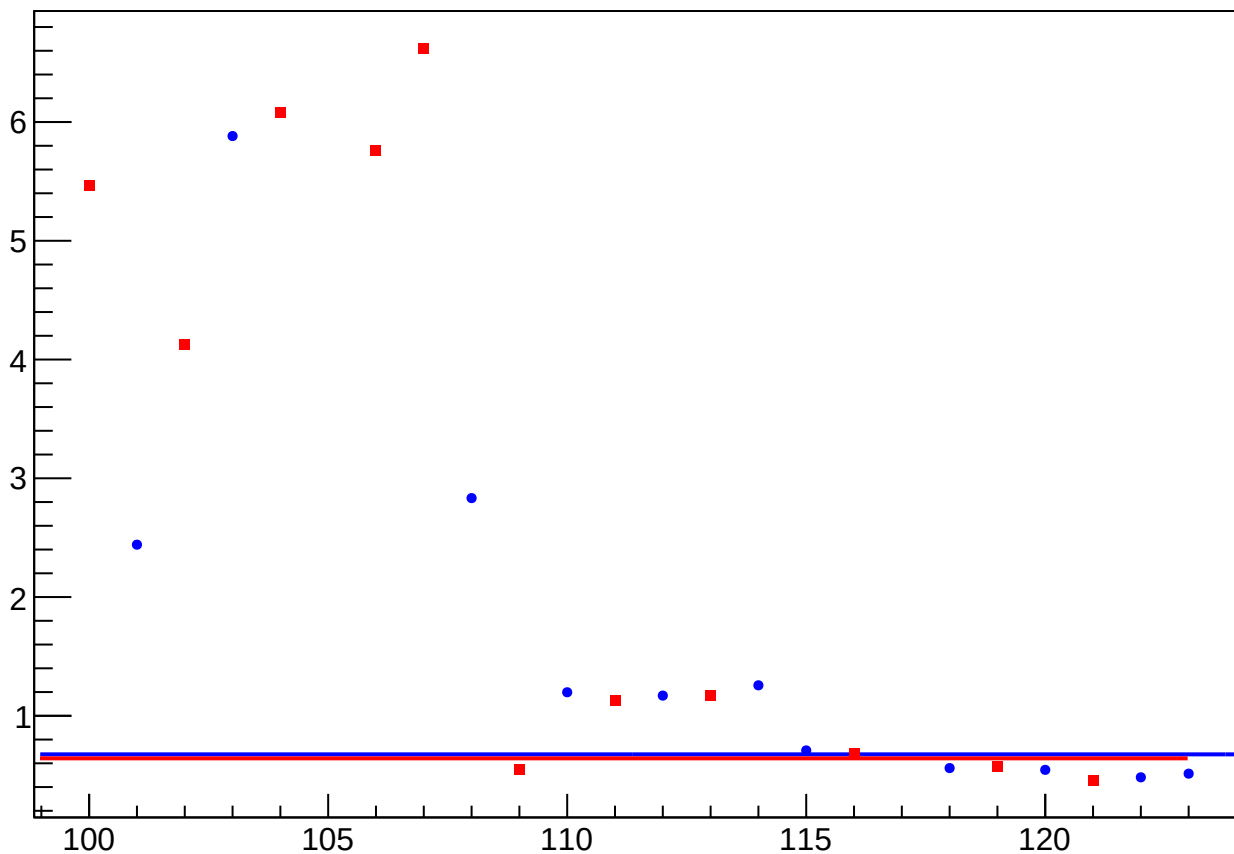
Right: -36.450+/-0.000 χ^2/NDF : 5789002715.9/21

In: -39.155+/-0.000 χ^2/NDF : 3423443068.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.450+/-0.000 χ^2/NDF : 5789002715.9/21

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.675+/-0.000 χ^2/NDF : 2438852.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.642+/-0.000 χ^2/NDF : 2881576.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

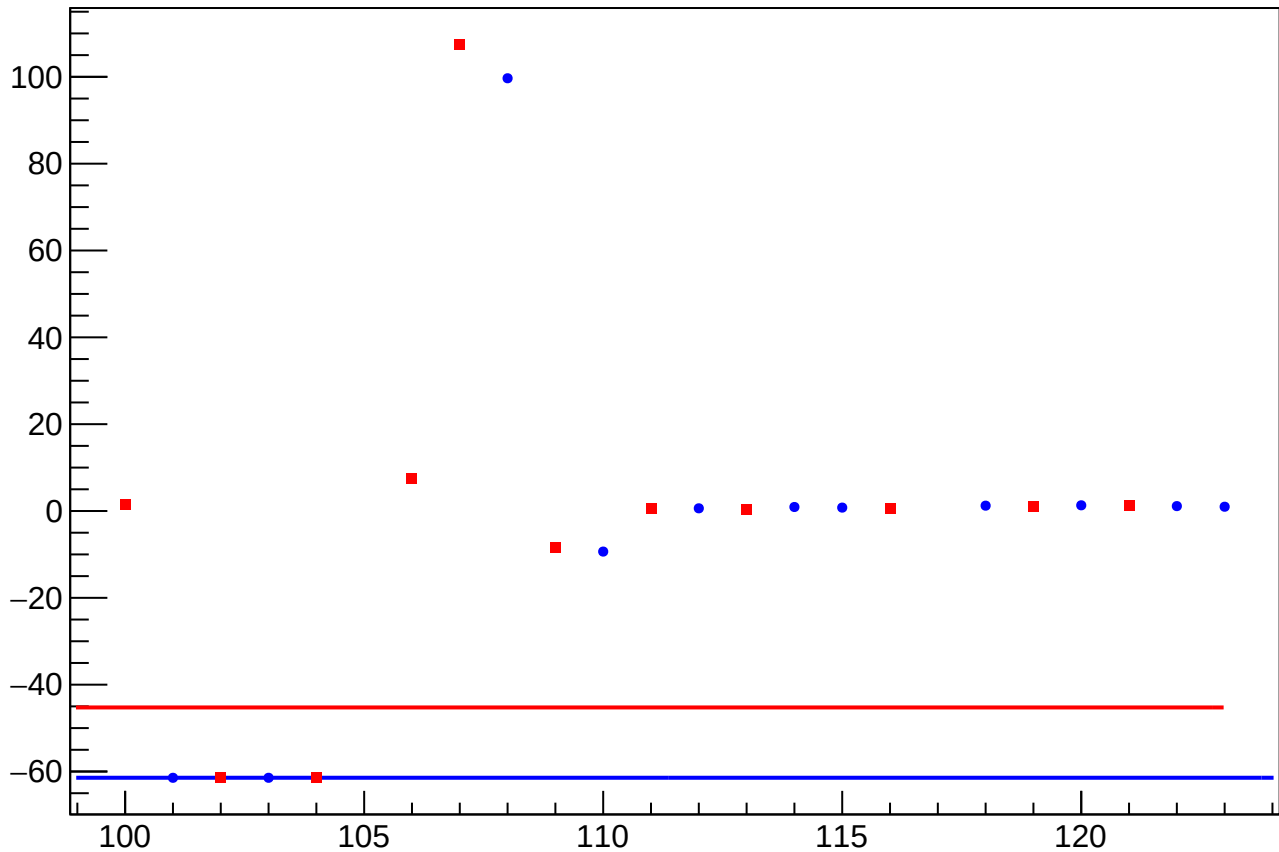
Right: 0.658+/-0.000 χ^2/NDF : 5327160.2/21

In: 0.675+/-0.000 χ^2/NDF : 2438852.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

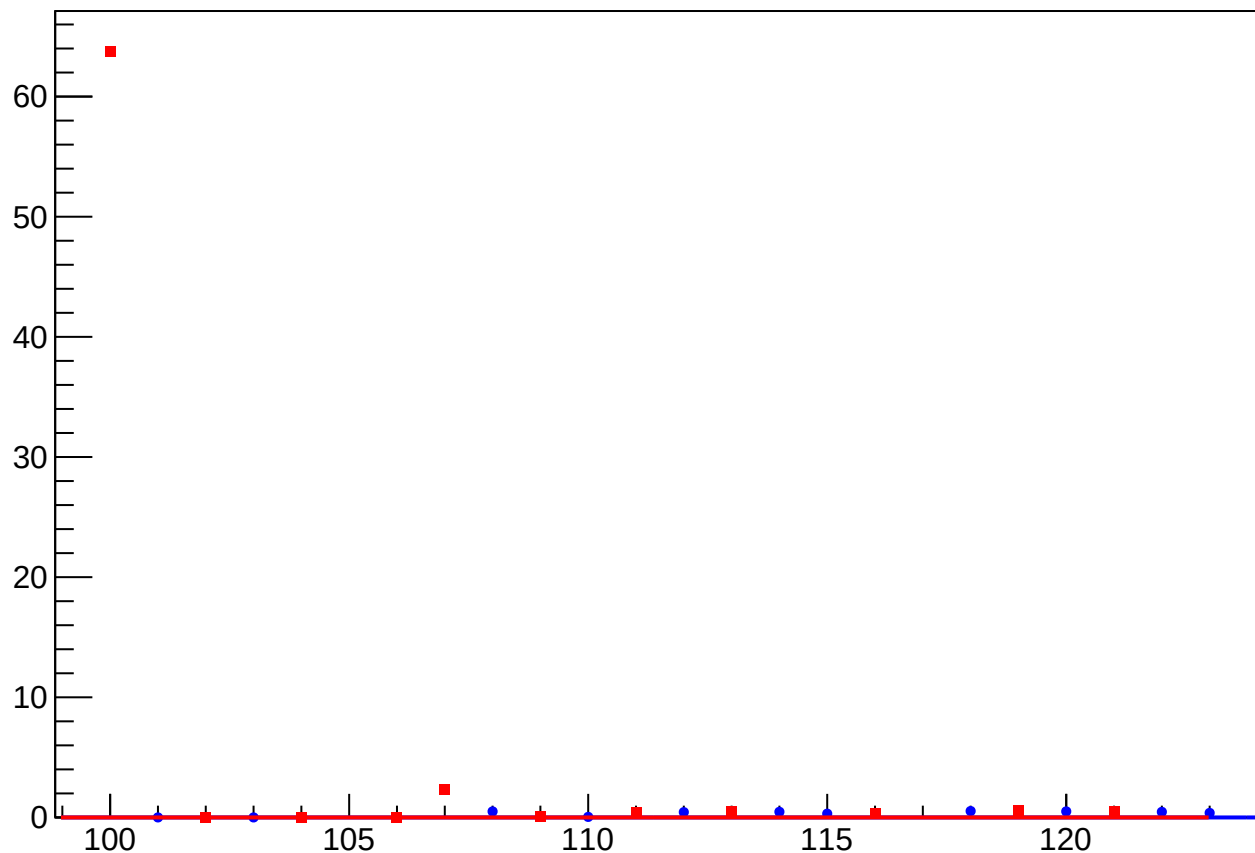
All: 0.658+/-0.000 χ^2/NDF : 5327160.2/21

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.438+/-0.000 χ^2/NDF : 220915844024.1/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357849002498419.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409054163937

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4332962.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4781499.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

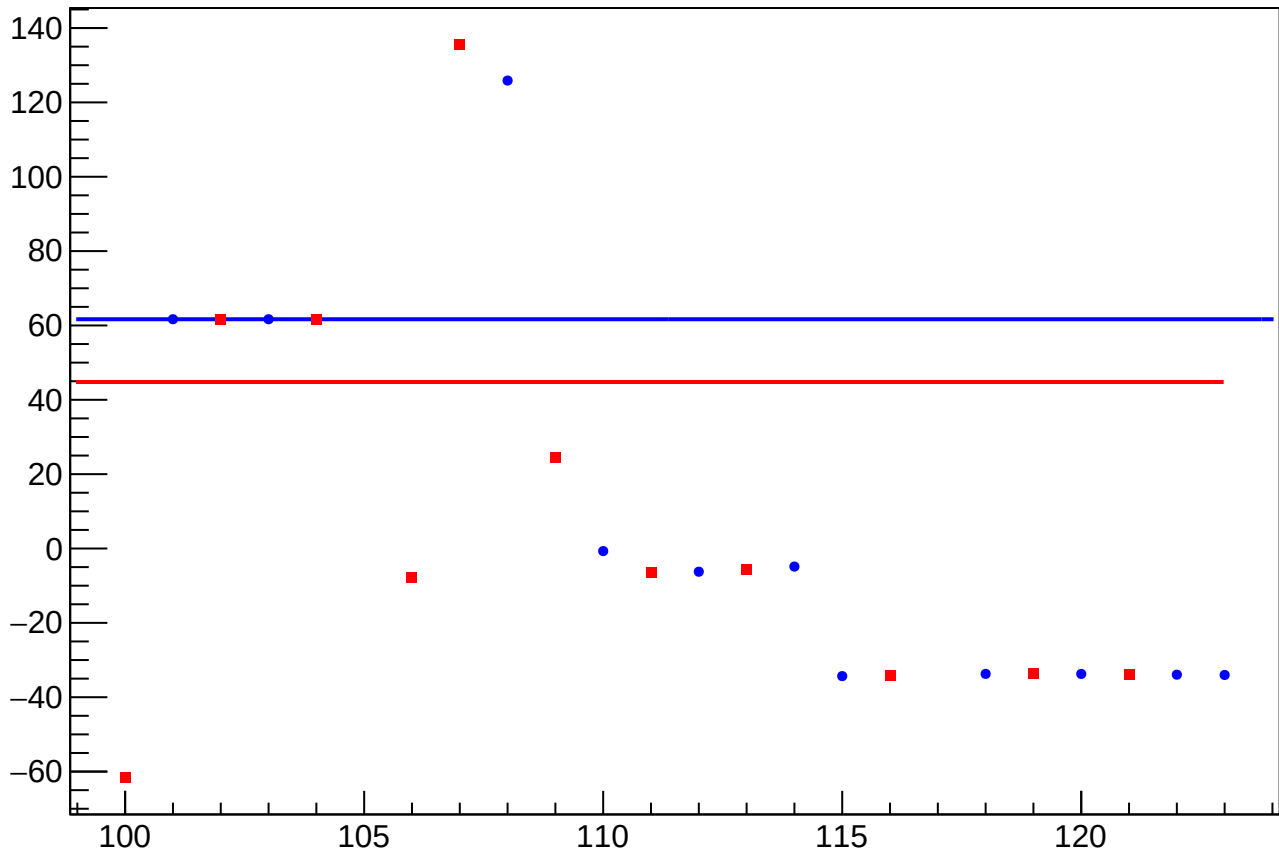
Right: 0.001+/-0.000 χ^2/NDF : 9114463.1/21

In: 0.001+/-0.000 χ^2/NDF : 4332962.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

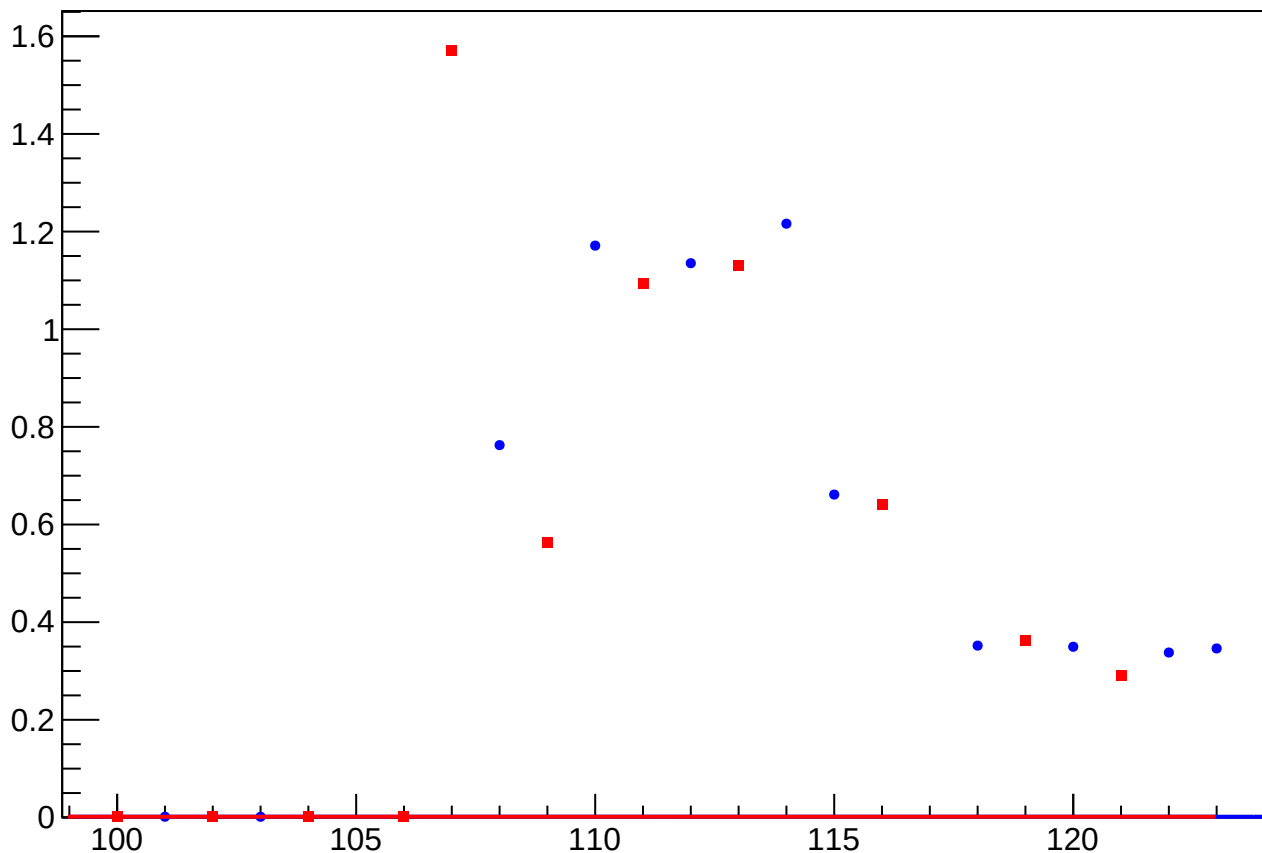
All: 0.001+/-0.000 χ^2/NDF : 9114463.1/21

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.670+/-0.000 χ^2/NDF : 106161581734.7/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 44.791+/-0.000 χ^2/NDF : 365937632517861.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.695+/-0.000 χ^2/NDF : 417161714374935.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5327251.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5298719.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

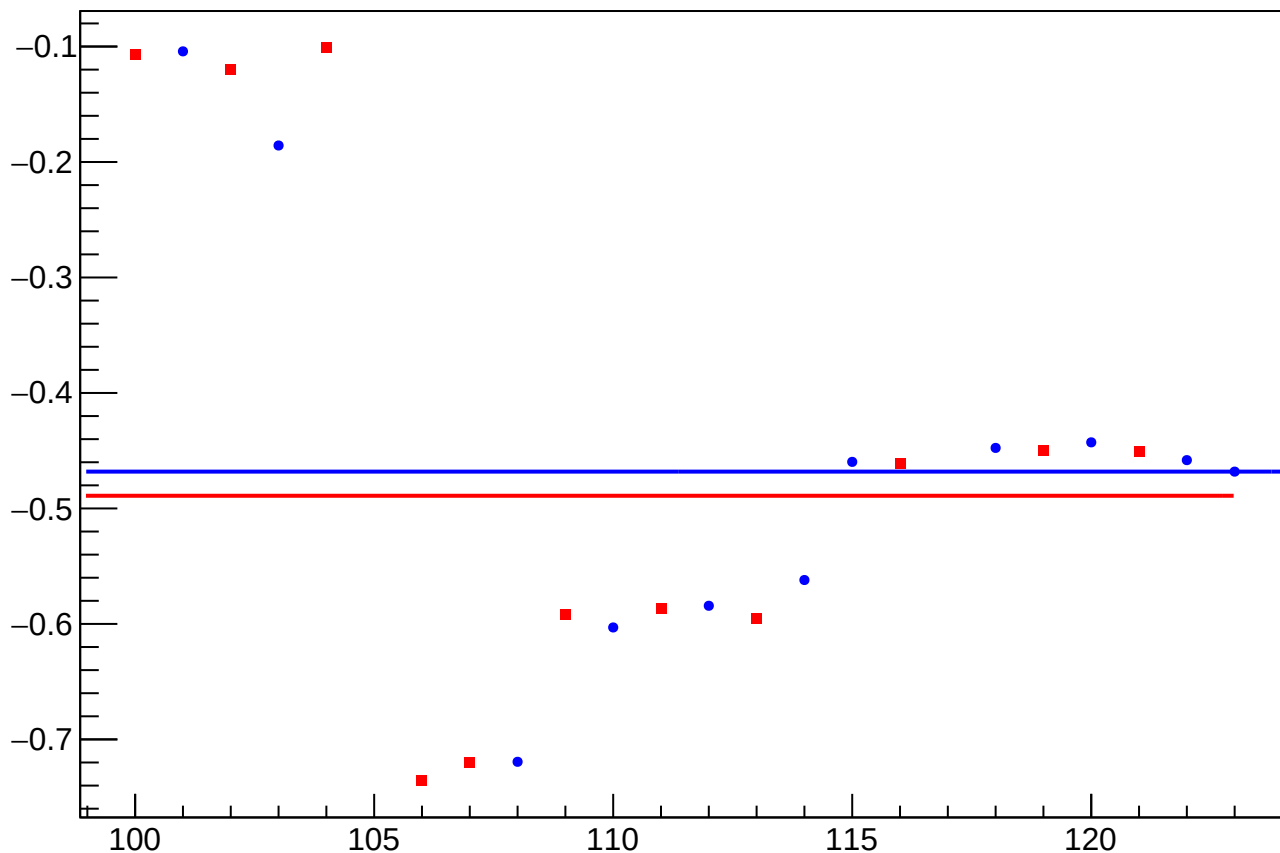
Right: 0.002+/-0.000 χ^2/NDF : 10626180.8/21

In: 0.001+/-0.000 χ^2/NDF :5327251.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10626180.8/21

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.468+/-0.000 χ^2/NDF : 106687212.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.489+/-0.000 χ^2/NDF : 100229949.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

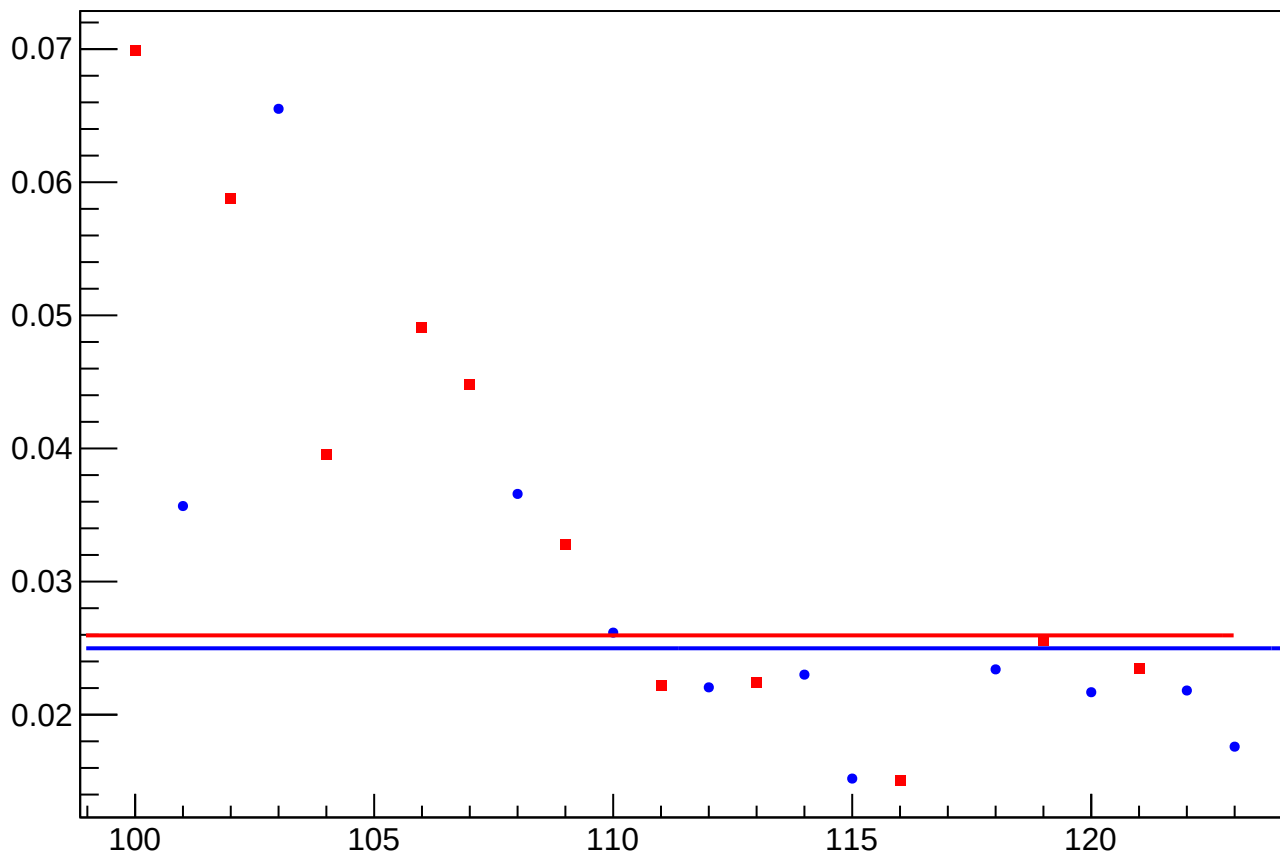
Right: -0.479+/-0.000 χ^2/NDF : 208022000.2/21

In: -0.468+/-0.000 χ^2/NDF :106687212.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.479+/-0.000 χ^2/NDF : 208022000.2/21

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 748839.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 975922.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

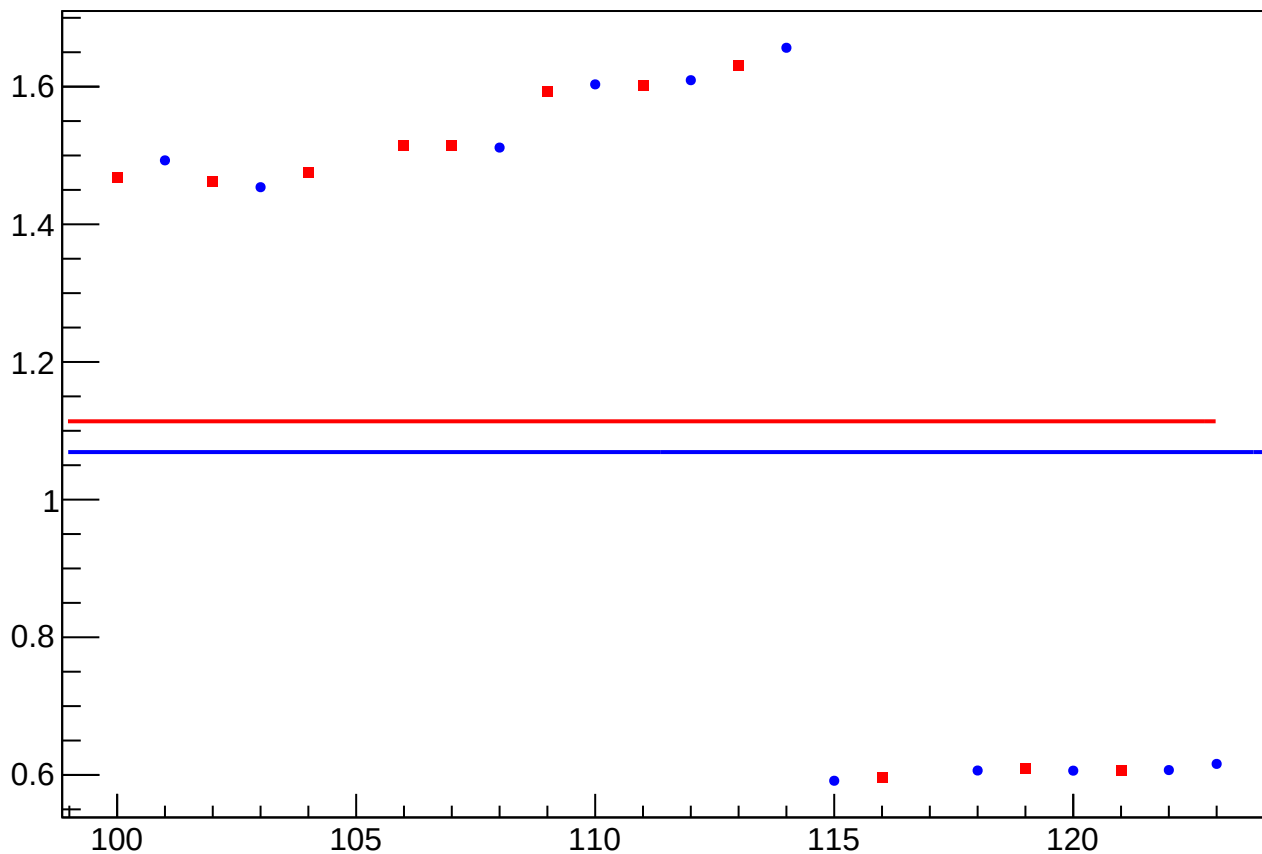
Right: 0.025+/-0.000 χ^2/NDF : 1729511.1/21

In: 0.025+/-0.000 χ^2/NDF : 748839.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1729511.1/21

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.069+/-0.000 χ^2/NDF : 2390594691.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.114+/-0.000 χ^2/NDF : 2654841324.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

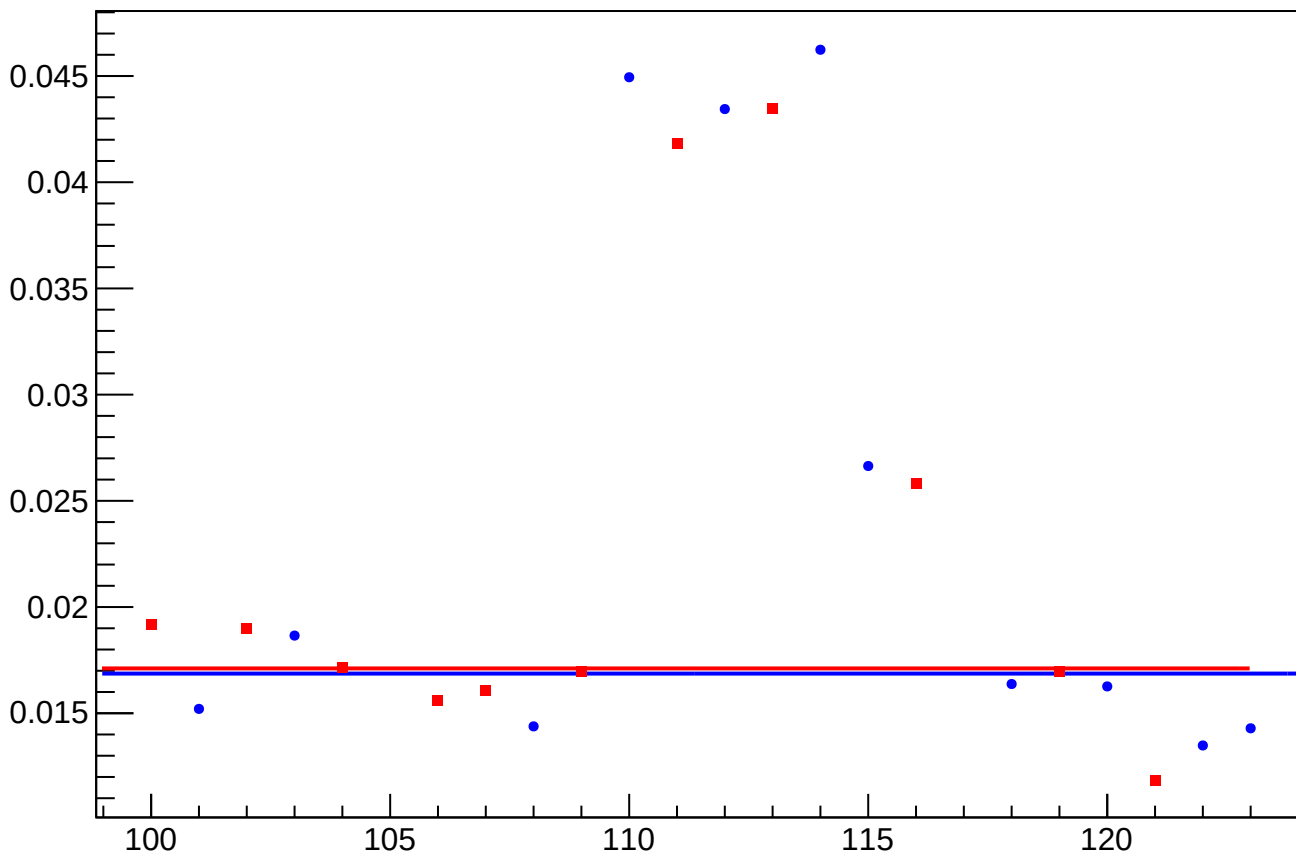
Right: 1.092+/-0.000 χ^2/NDF : 5057943023.7/21

In: 1.069+/-0.000 χ^2/NDF : 2390594691.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.092+/-0.000 χ^2/NDF : 5057943023.7/21

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 835241.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 868372.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

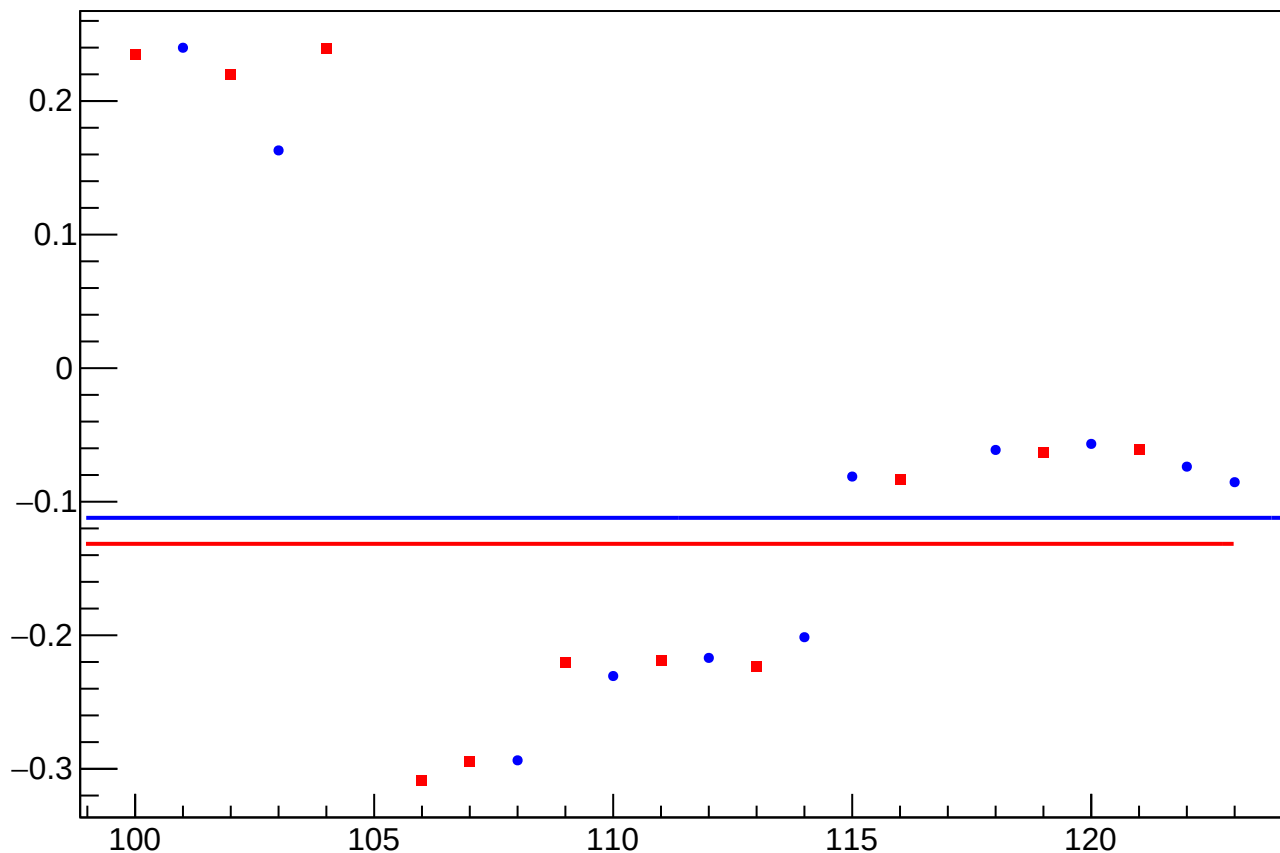
Right: 0.017+/-0.000 χ^2/NDF : 1704350.8/21

In: 0.017+/-0.000 χ^2/NDF :835241.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1704350.8/21

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.112+/-0.000 χ^2/NDF : 104161446.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.132+/-0.000 χ^2/NDF : 102527356.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

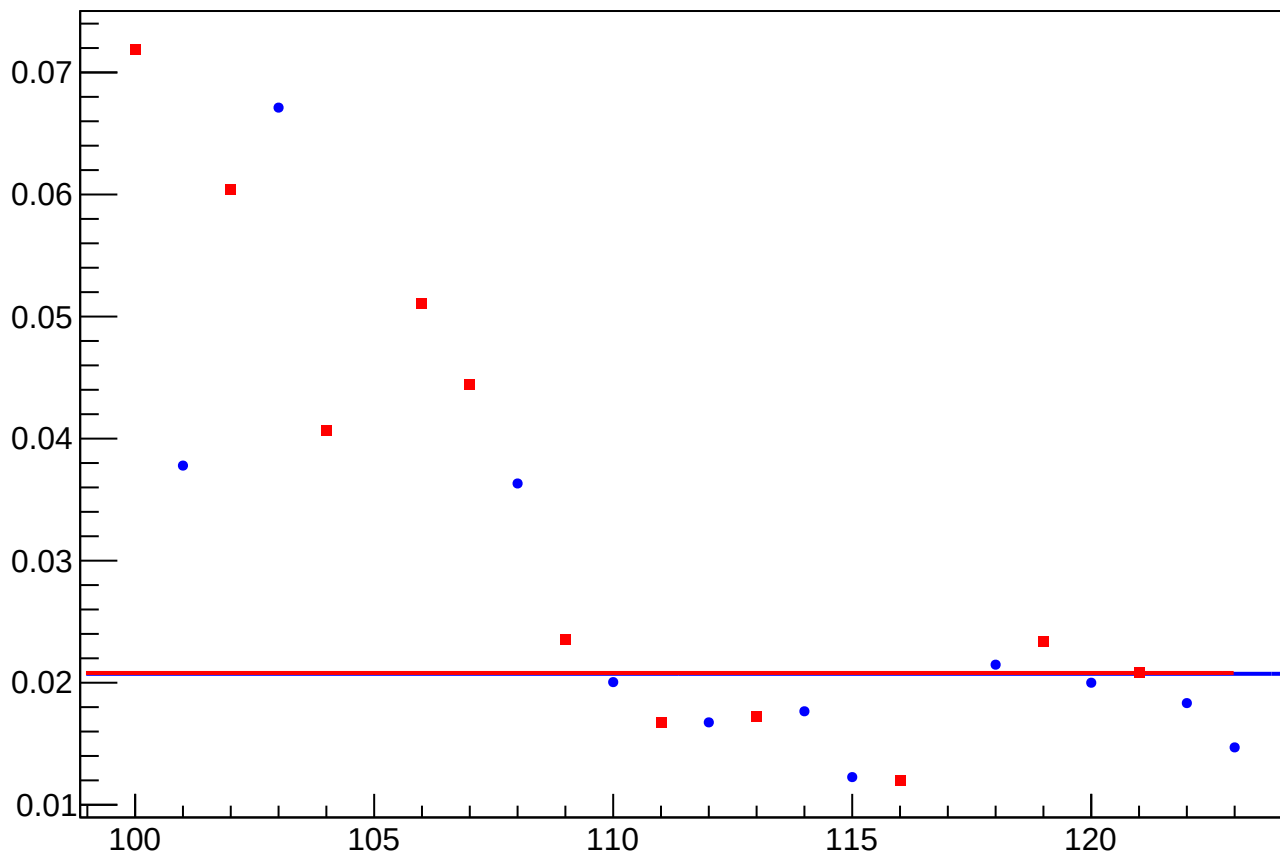
Right: -0.122+/-0.000 χ^2/NDF : 208056070.5/21

In: -0.112+/-0.000 χ^2/NDF :104161446.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.122+/-0.000 χ^2/NDF : 208056070.5/21

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1075054.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1359771.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

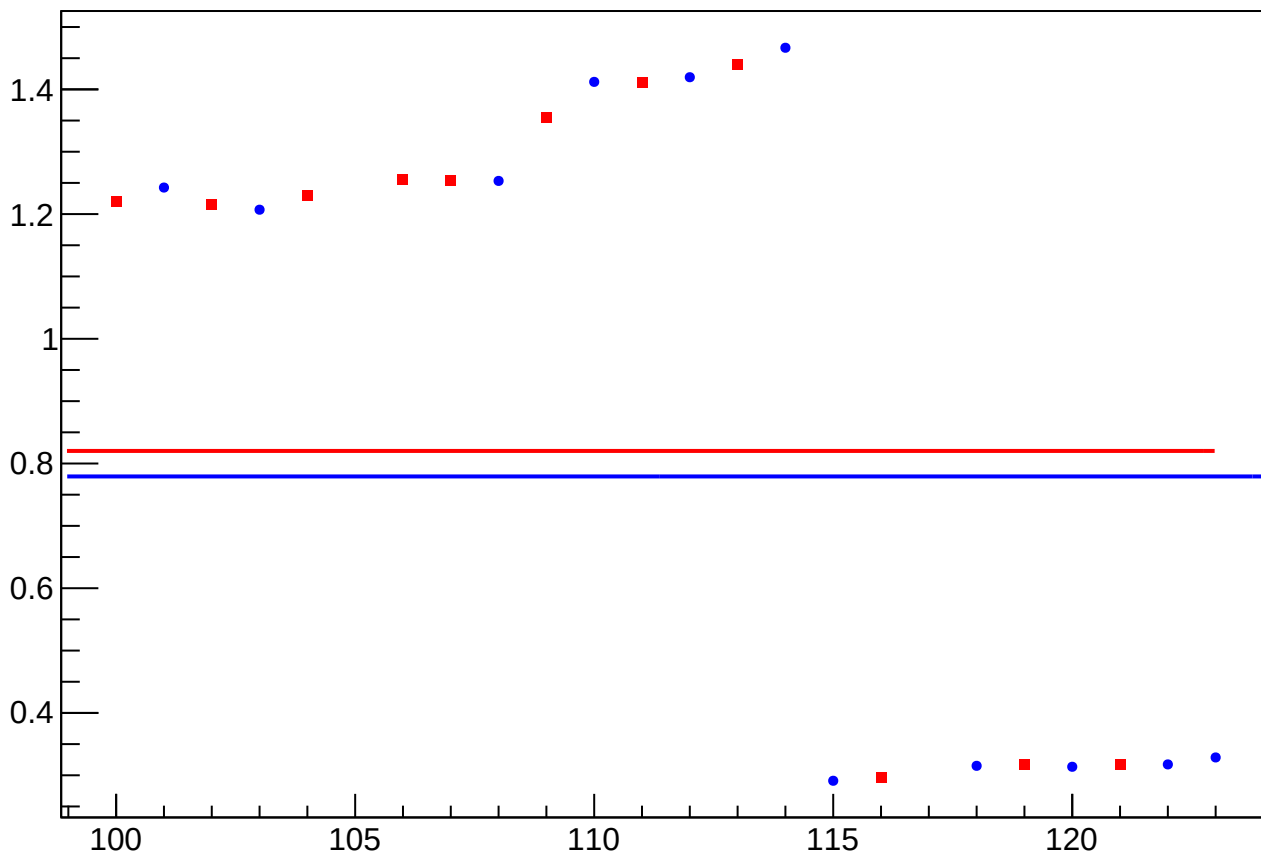
Right: 0.021+/-0.000 χ^2/NDF : 2434859.5/21

In: 0.021+/-0.000 χ^2/NDF :1075054.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2434859.5/21

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.779+/-0.000

χ^2/NDF : 4046233724.3/10

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.820+/-0.000

χ^2/NDF : 4252539977.6/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.800+/-0.000

χ^2/NDF : 8314459768.4/21

In: 0.779+/-0.000

χ^2/NDF : 4046233724.3/10

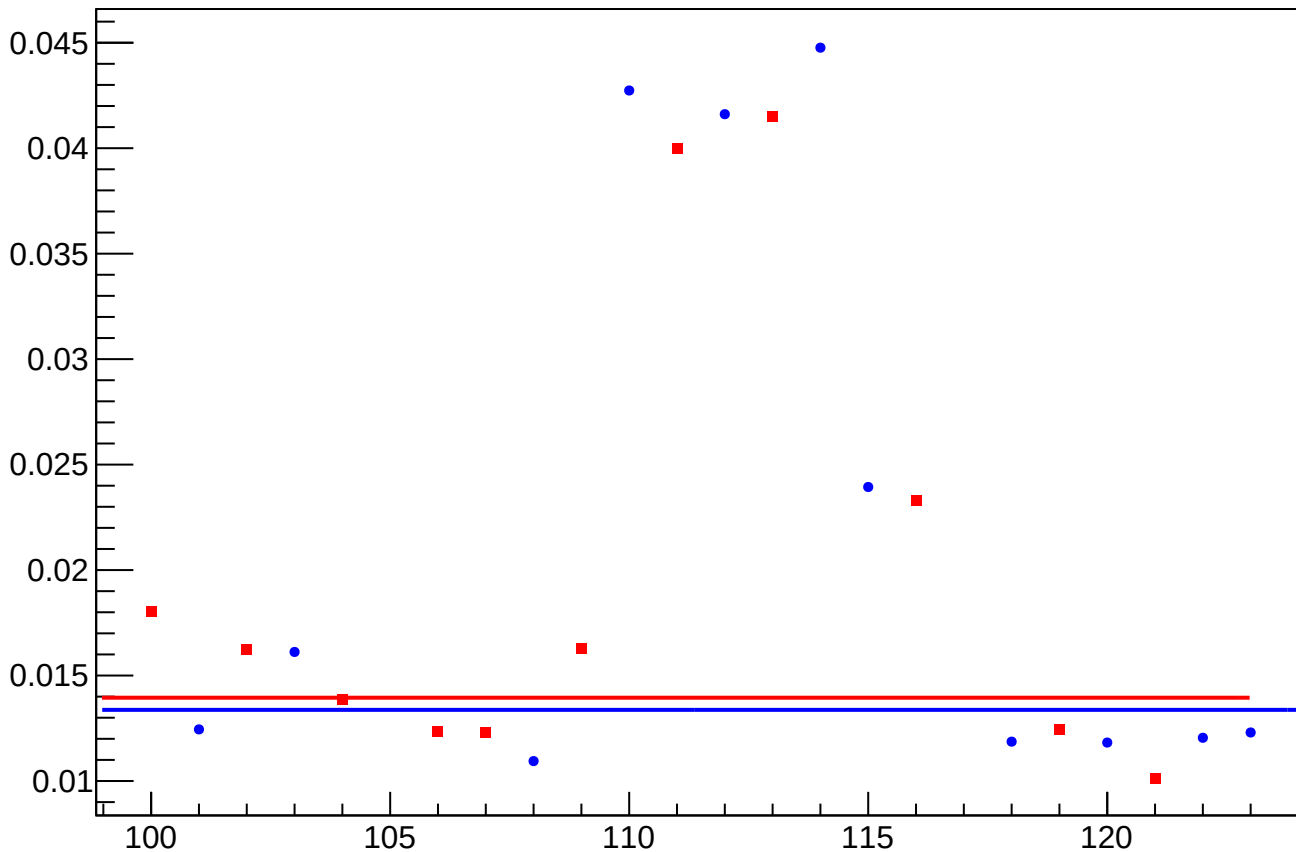
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.800+/-0.000

χ^2/NDF : 8314459768.4/21

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1012292.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1028139.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

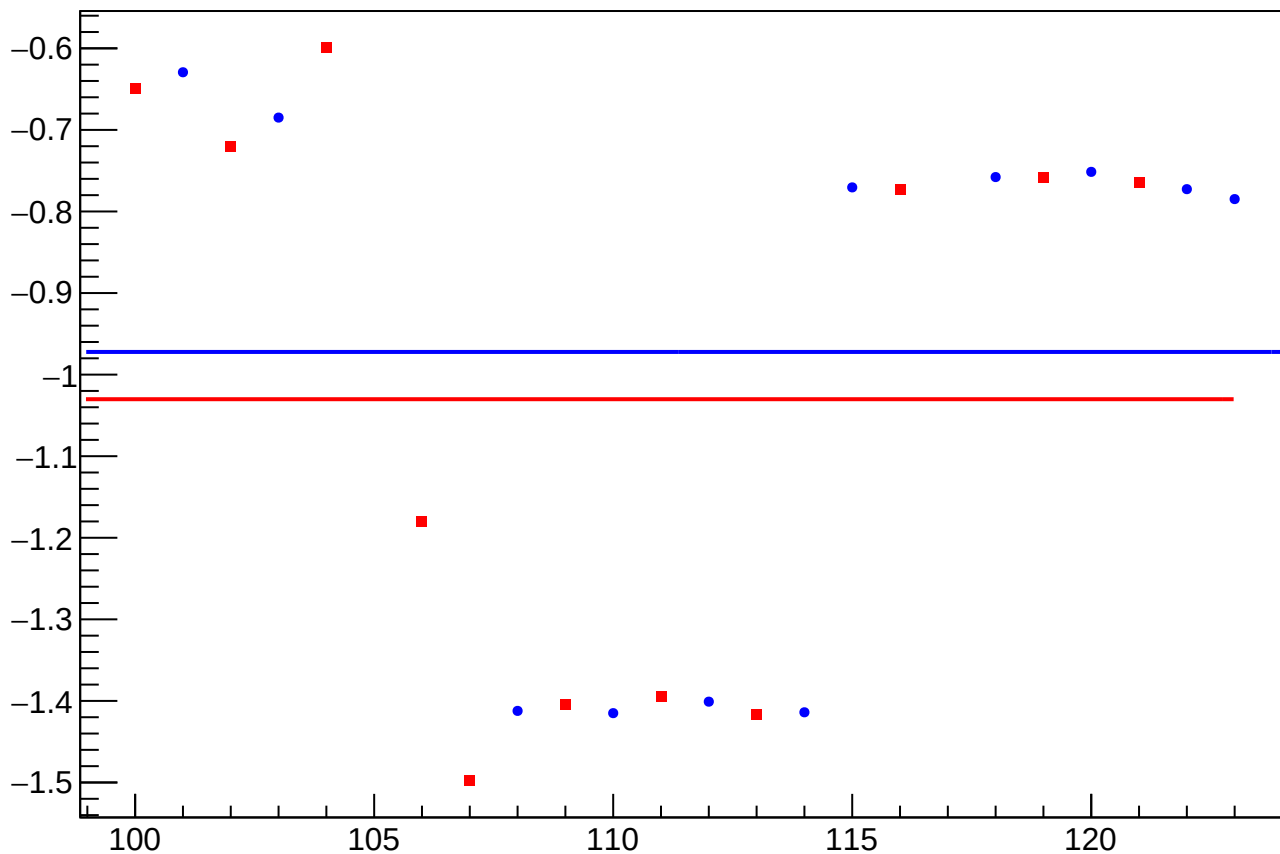
Right: 0.014+/-0.000 χ^2/NDF : 2046657.9/21

In: 0.013+/-0.000 χ^2/NDF :1012292.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2046657.9/21

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.972+/-0.000 χ^2/NDF : 529296566.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.030+/-0.000 χ^2/NDF : 567777056.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

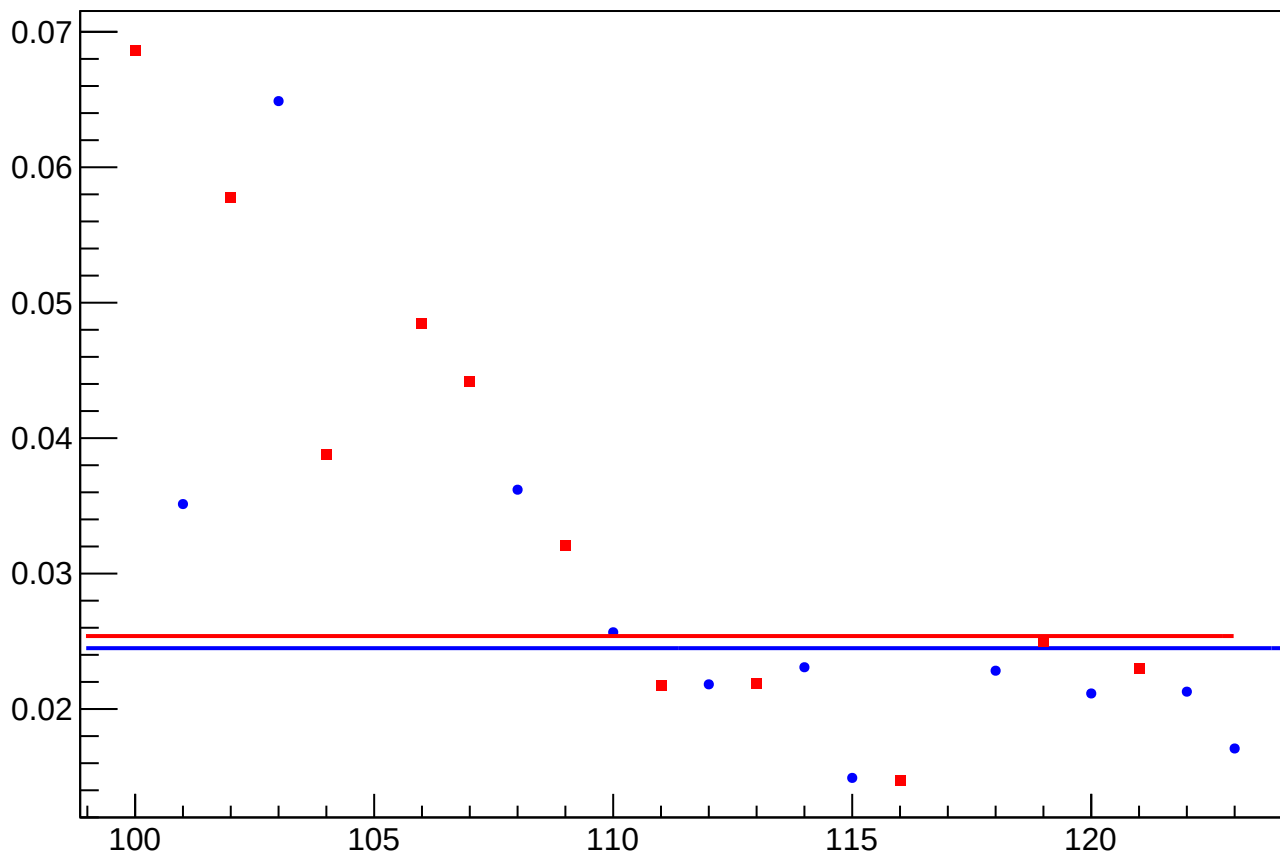
Right: -1.001+/-0.000 χ^2/NDF : 1105890895.2/21

In: -0.972+/-0.000 χ^2/NDF :529296566.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.001+/-0.000 χ^2/NDF : 1105890895.2/2

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 757075.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 983473.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

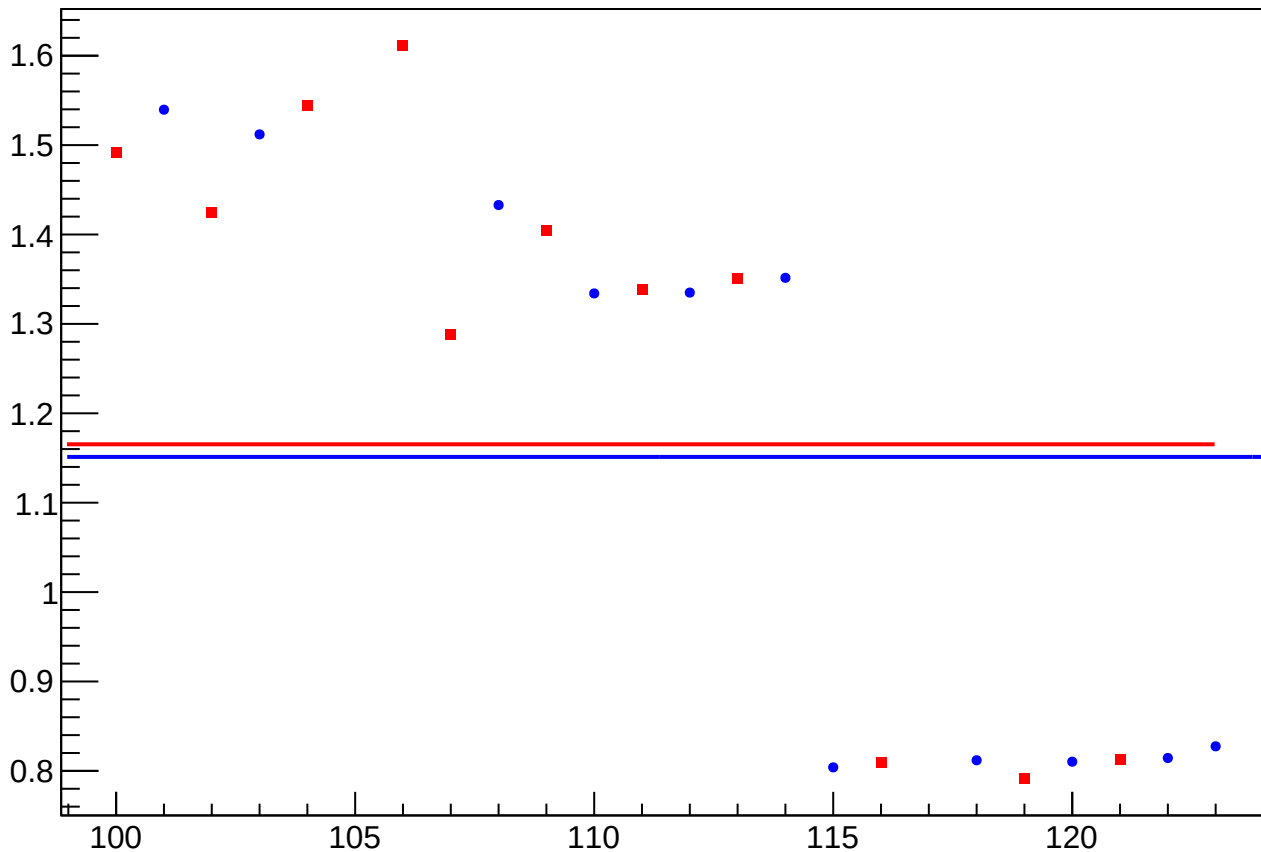
Right: 0.025+/-0.000 χ^2/NDF : 1744750.1/21

In: 0.024+/-0.000 χ^2/NDF : 757075.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1744750.1/21

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.151+/-0.000 χ^2/NDF : 1341793367.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.165+/-0.000 χ^2/NDF : 1425921919.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

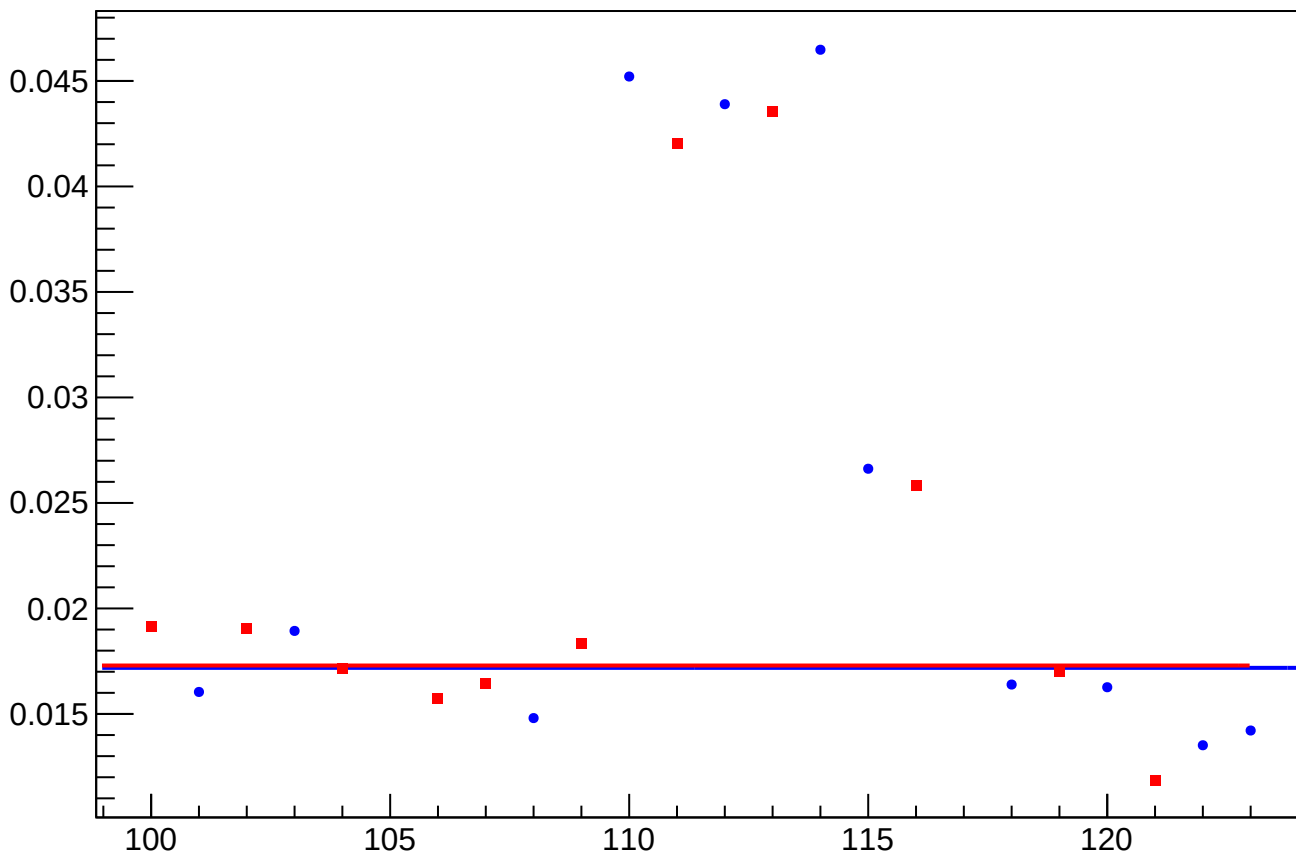
Right: 1.159+/-0.000 χ^2/NDF : 2768920838.5/21

In: 1.151+/-0.000 χ^2/NDF : 1341793367.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.159+/-0.000 χ^2/NDF : 2768920838.5/21

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 822465.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 870685.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

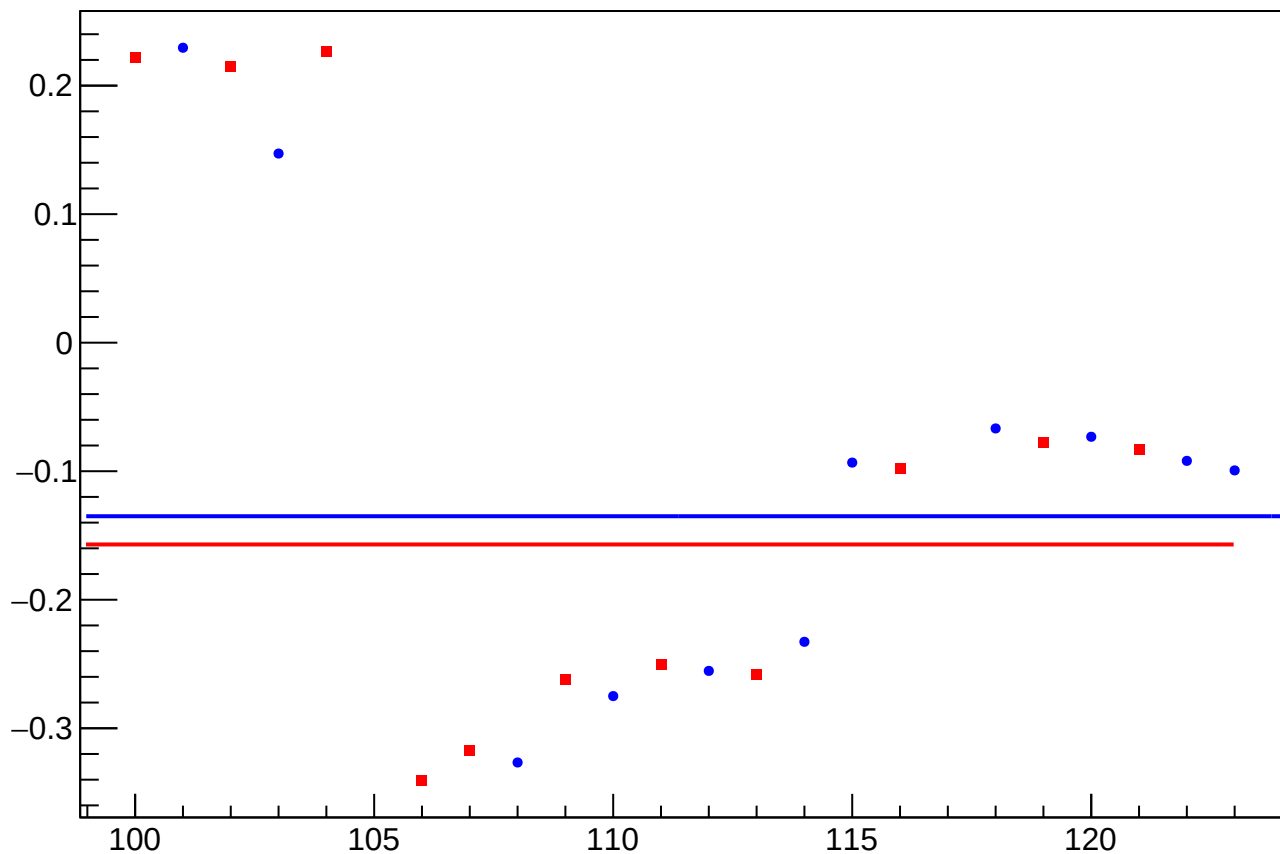
Right: 0.017+/-0.000 χ^2/NDF : 1693299.4/21

In: 0.017+/-0.000 χ^2/NDF :822465.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1693299.4/21

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.135+/-0.000 χ^2/NDF : 120100592.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.157+/-0.000 χ^2/NDF : 114348506.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

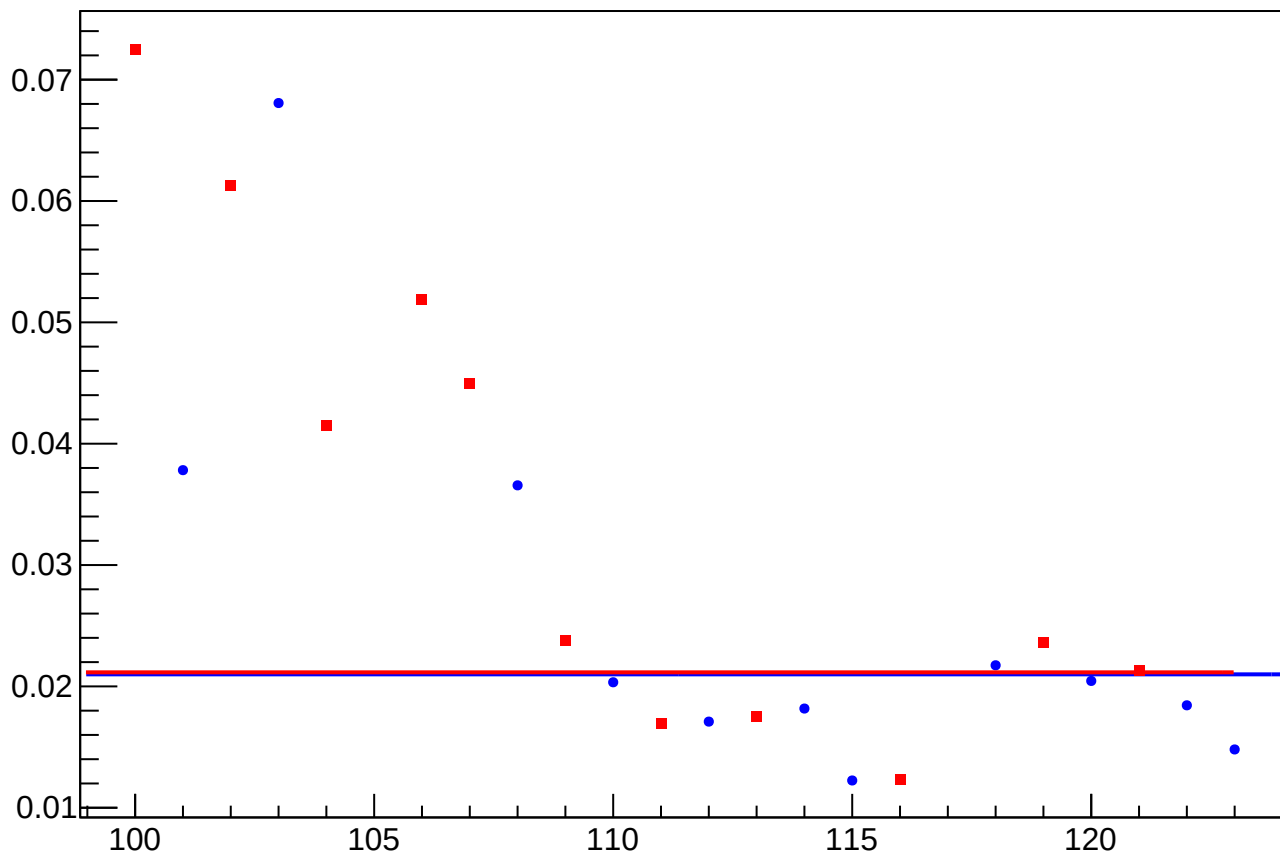
Right: -0.146+/-0.000 χ^2/NDF : 236142451.0/21

In: -0.135+/-0.000 χ^2/NDF :120100592.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.146+/-0.000 χ^2/NDF : 236142451.0/21

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1066571.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1351515.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

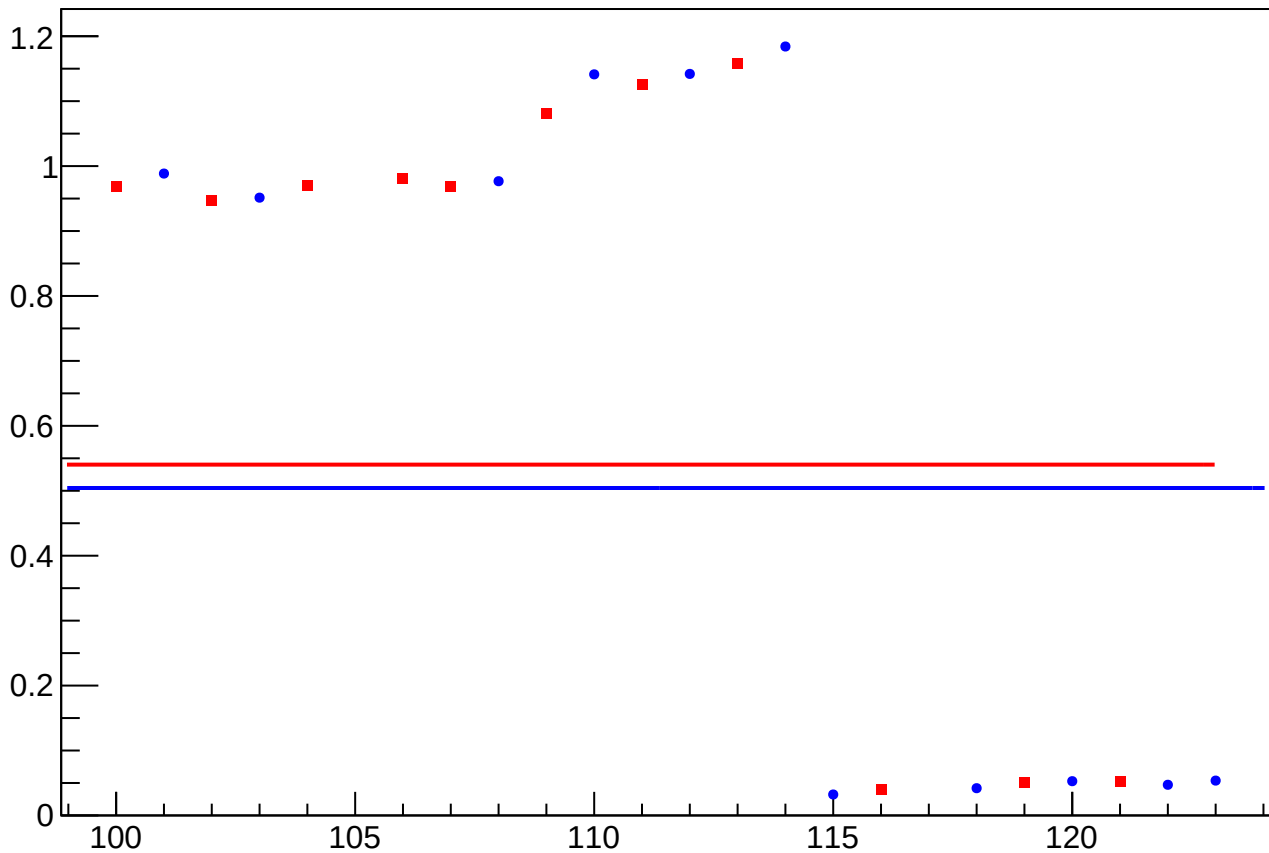
Right: 0.021+/-0.000 χ^2/NDF : 2418279.4/21

In: 0.021+/-0.000 χ^2/NDF : 1066571.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2418279.4/21

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.504+/-0.000 χ^2/NDF : 4161710966.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.540+/-0.000 χ^2/NDF : 4274700773.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

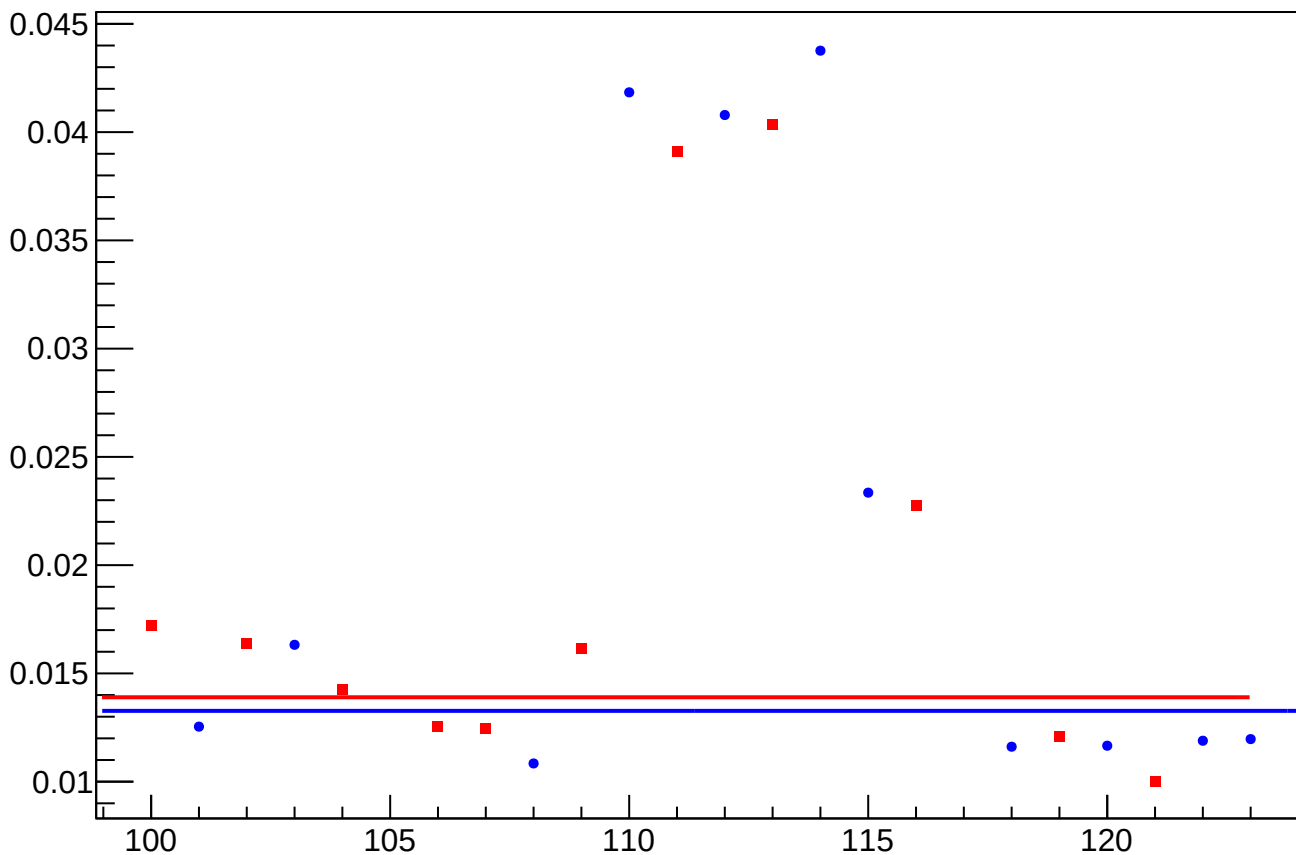
Right: 0.522+/-0.000 χ^2/NDF : 8448720021.7/21

In: 0.504+/-0.000 χ^2/NDF :4161710966.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.522+/-0.000 χ^2/NDF : 8448720021.7/21

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1012534.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1021072.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

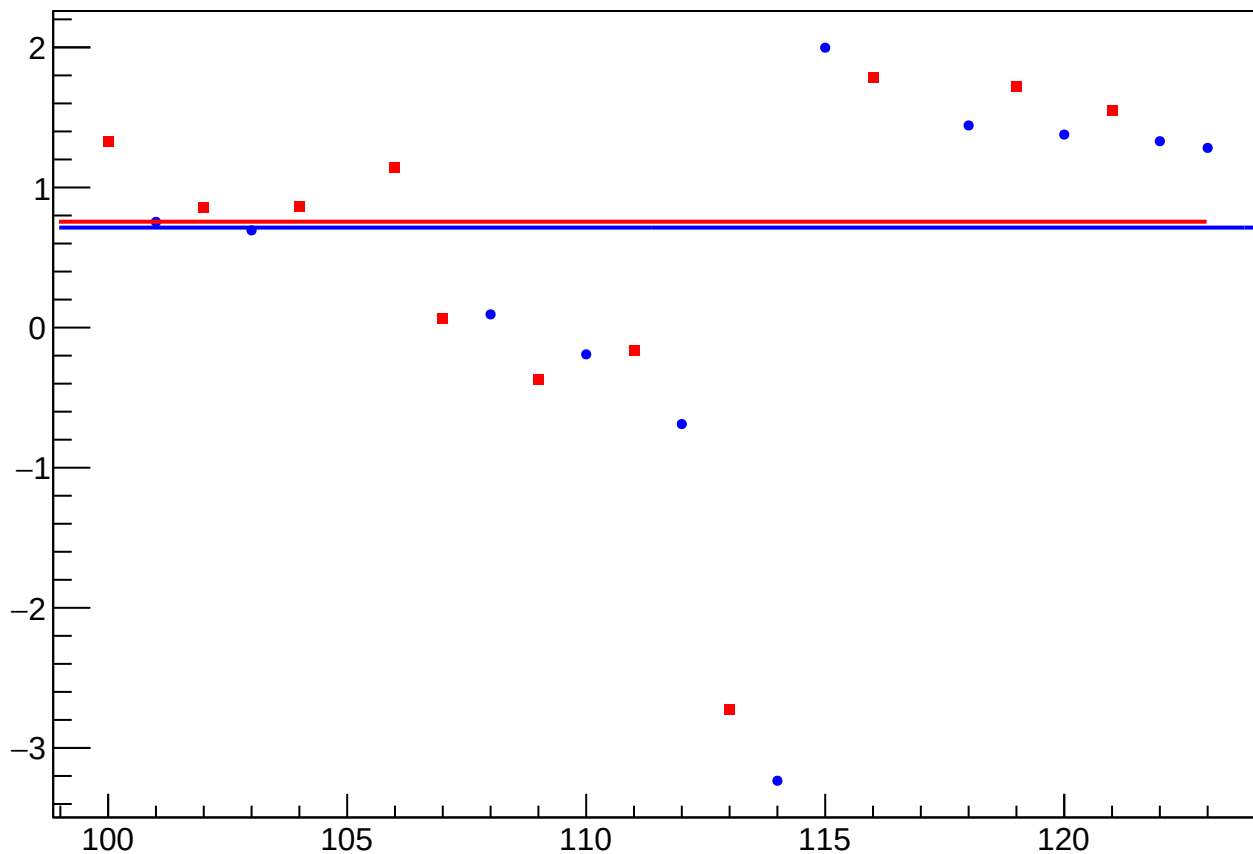
Right: 0.014+/-0.000 χ^2/NDF : 2041093.3/21

In: 0.013+/-0.000 χ^2/NDF :1012534.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2041093.3/21

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.714+/-0.000 χ^2/NDF : 356378028.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.756+/-0.000 χ^2/NDF : 1025526073.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

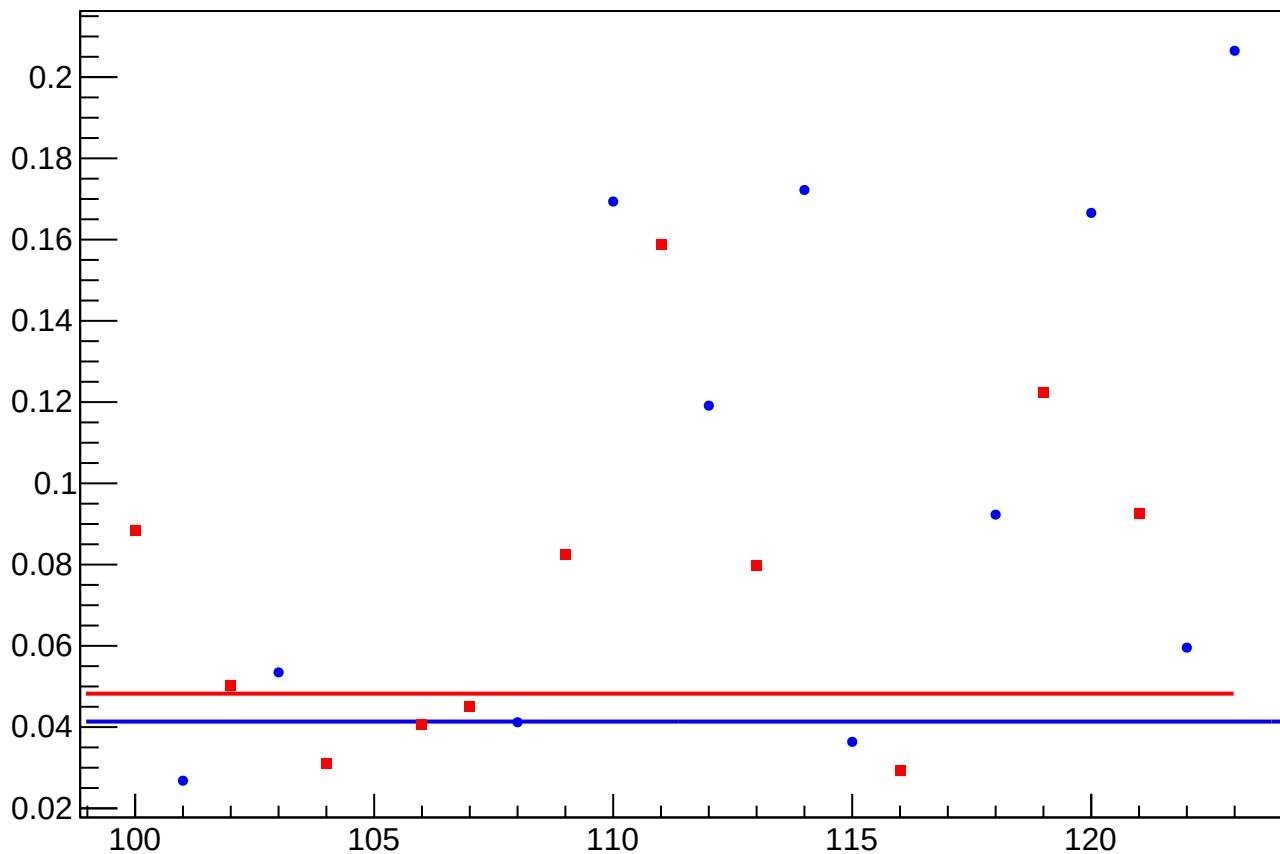
Right: 0.733+/-0.000 χ^2/NDF : 1383036940.2/21

In: 0.714+/-0.000 χ^2/NDF :356378028.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.733+/-0.000 χ^2/NDF : 1383036940.2/21

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 1933705.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 1587235.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

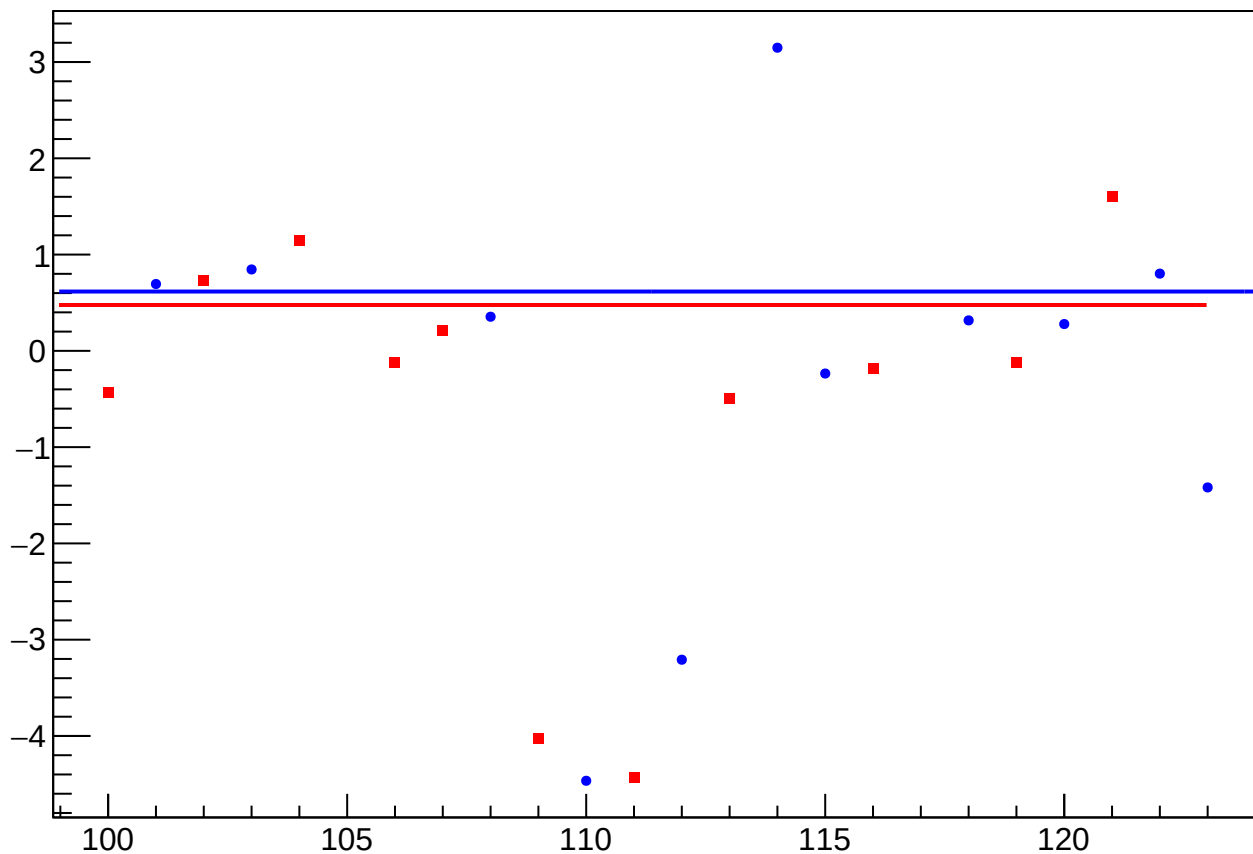
Right: 0.045+/-0.000 χ^2/NDF : 3581338.5/21

In: 0.041+/-0.000 χ^2/NDF : 1933705.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 3581338.5/21

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.616+/-0.000 χ^2/NDF : 1357301774.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.476+/-0.000 χ^2/NDF : 3816098344.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

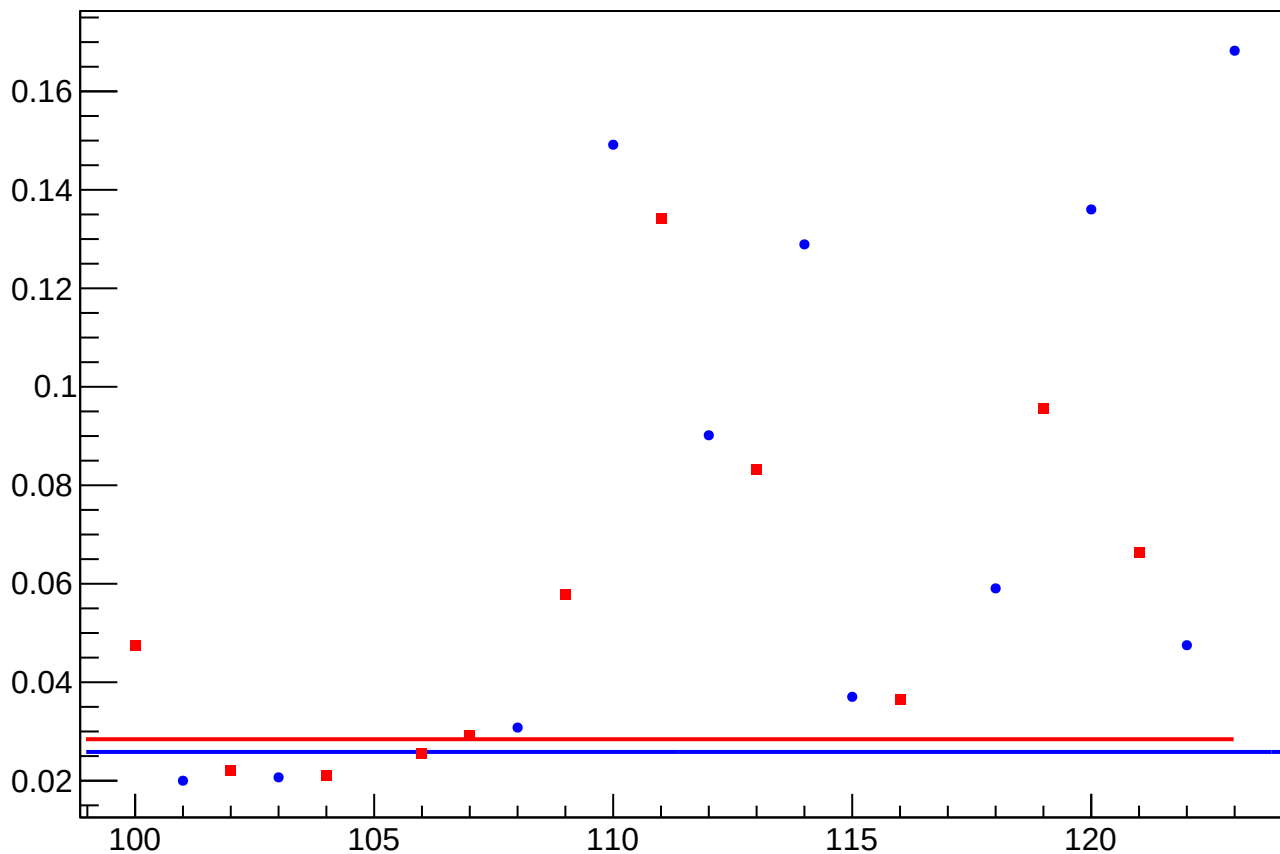
Right: 0.547+/-0.000 χ^2/NDF : 5206309668.2/21

In: 0.616+/-0.000 χ^2/NDF : 1357301774.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.547+/-0.000 χ^2/NDF : 5206309668.2/21

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 1985975.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 2043132.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

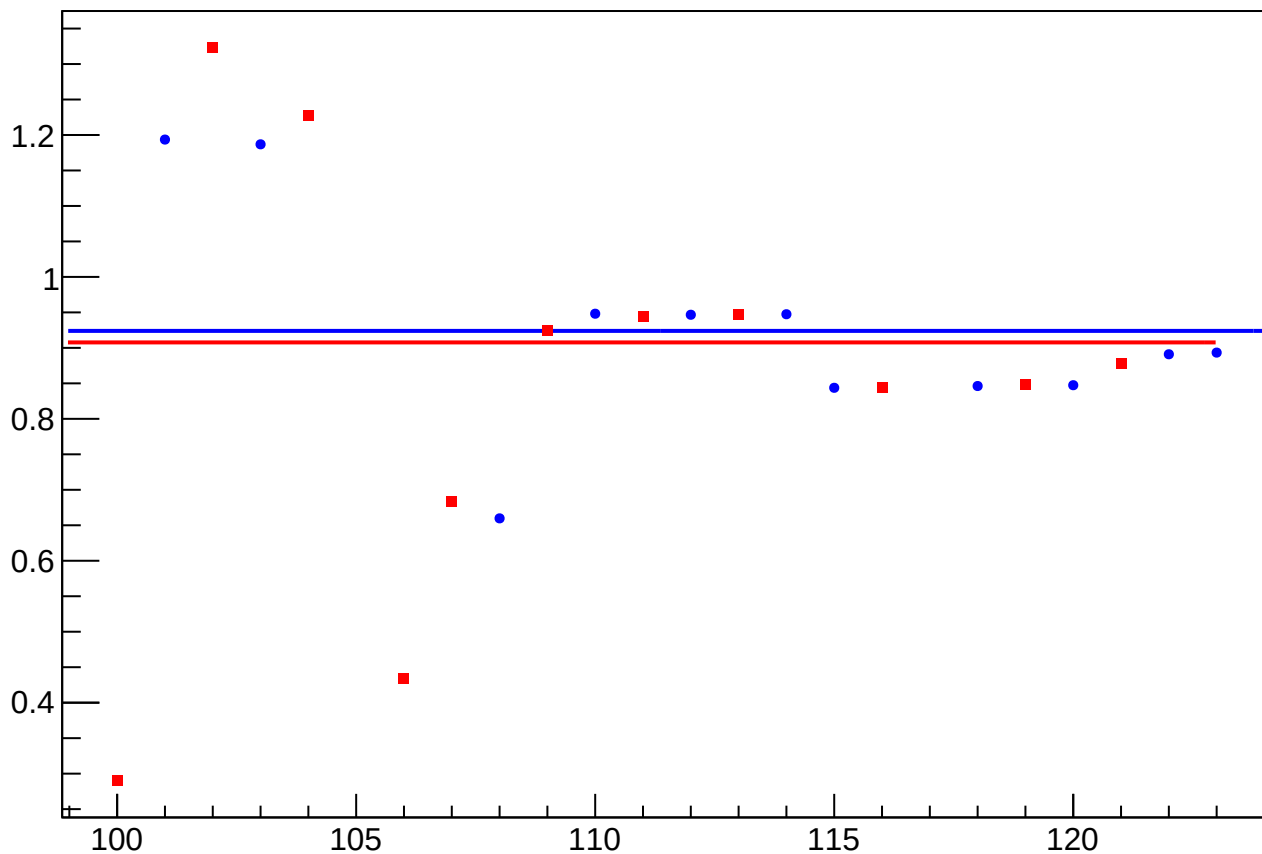
Right: 0.027+/-0.000 χ^2/NDF : 4051531.7/21

In: 0.026+/-0.000 χ^2/NDF : 1985975.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 4051531.7/21

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.924+/-0.000 χ^2/NDF : 301938272.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.908+/-0.000 χ^2/NDF : 471984859.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

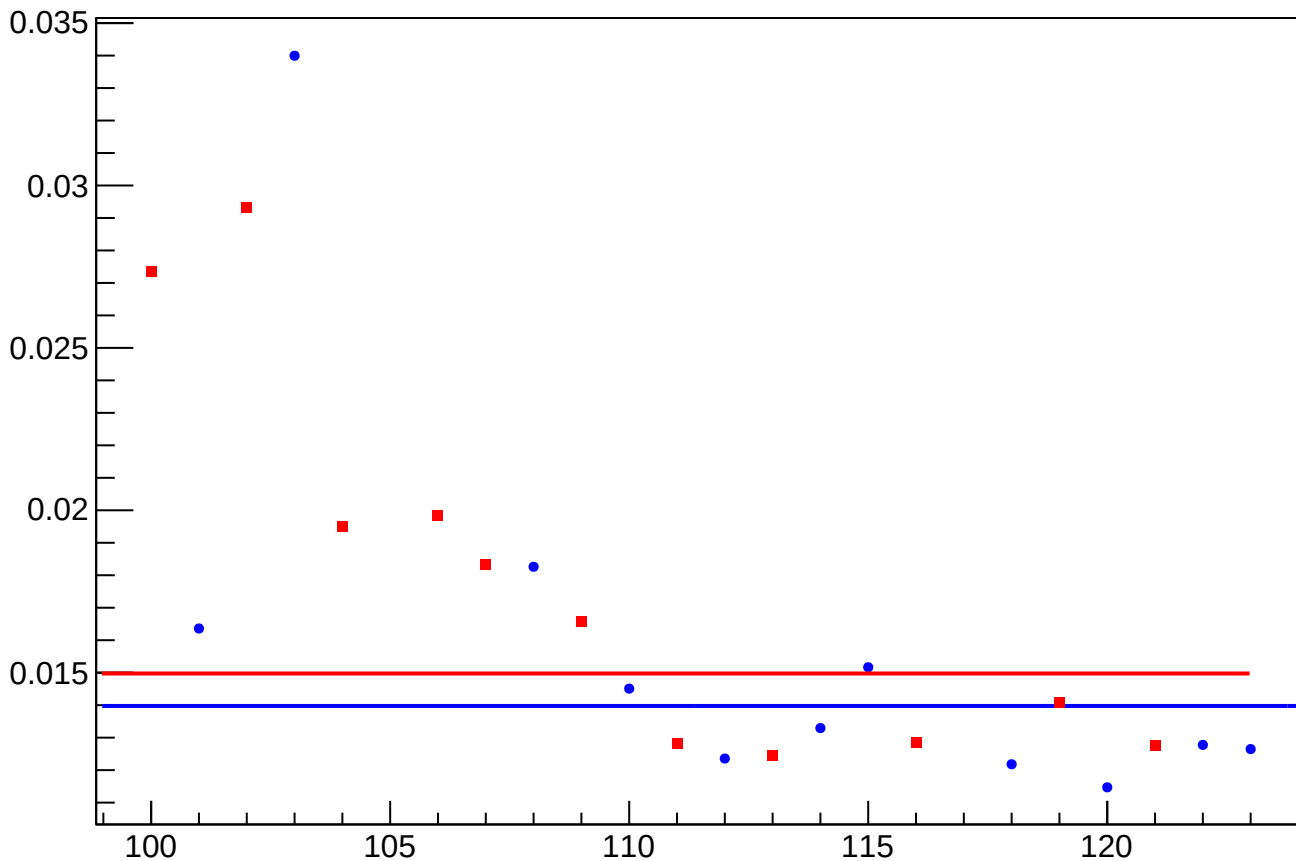
Right: 0.916+/-0.000 χ^2/NDF : 776206261.0/21

In: 0.924+/-0.000 χ^2/NDF : 301938272.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.916+/-0.000 χ^2/NDF : 776206261.0/21

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 529935.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 494947.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

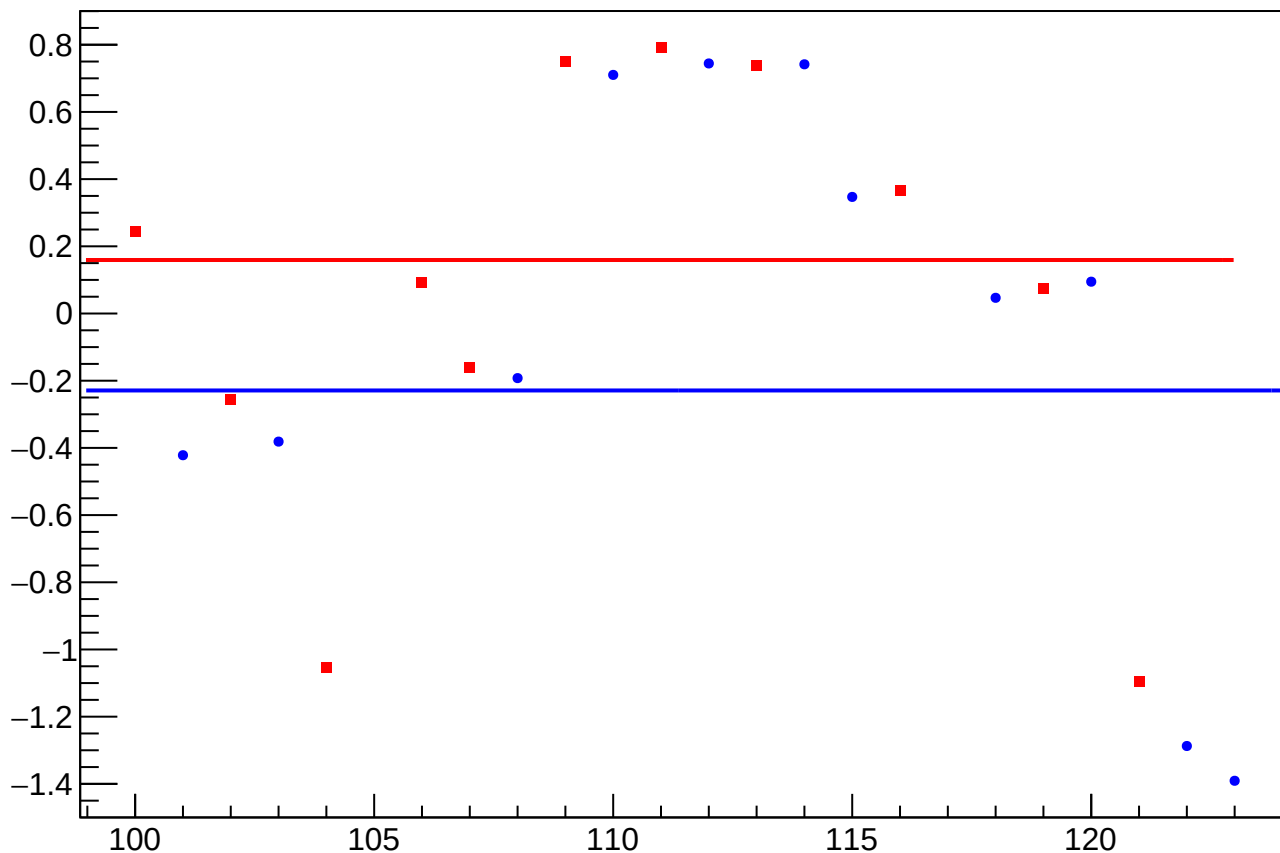
Right: 0.014+/-0.000 χ^2/NDF : 1042178.7/21

In: 0.014+/-0.000 χ^2/NDF :529935.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1042178.7/21

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.229+/-0.000

χ^2/NDF : 4368278420.0/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.019+/-0.000

χ^2/NDF : 14733089782.6/21

Right Out: 0.159+/-0.000

χ^2/NDF : 9357490462.7/10

In: -0.229+/-0.000

χ^2/NDF : 4368278420.0/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

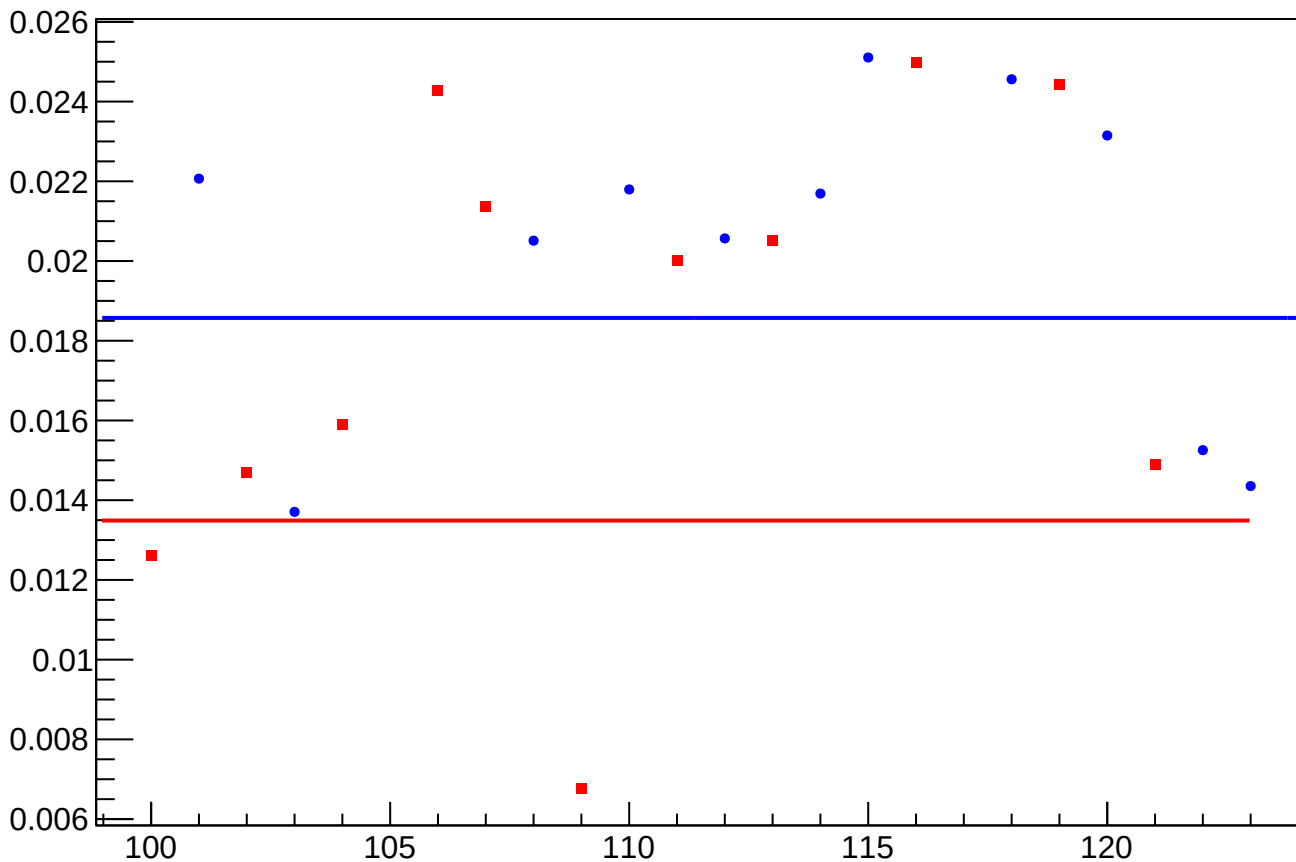
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.019+/-0.000

χ^2/NDF : 14733089782.6/21

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 352478.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1426450.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

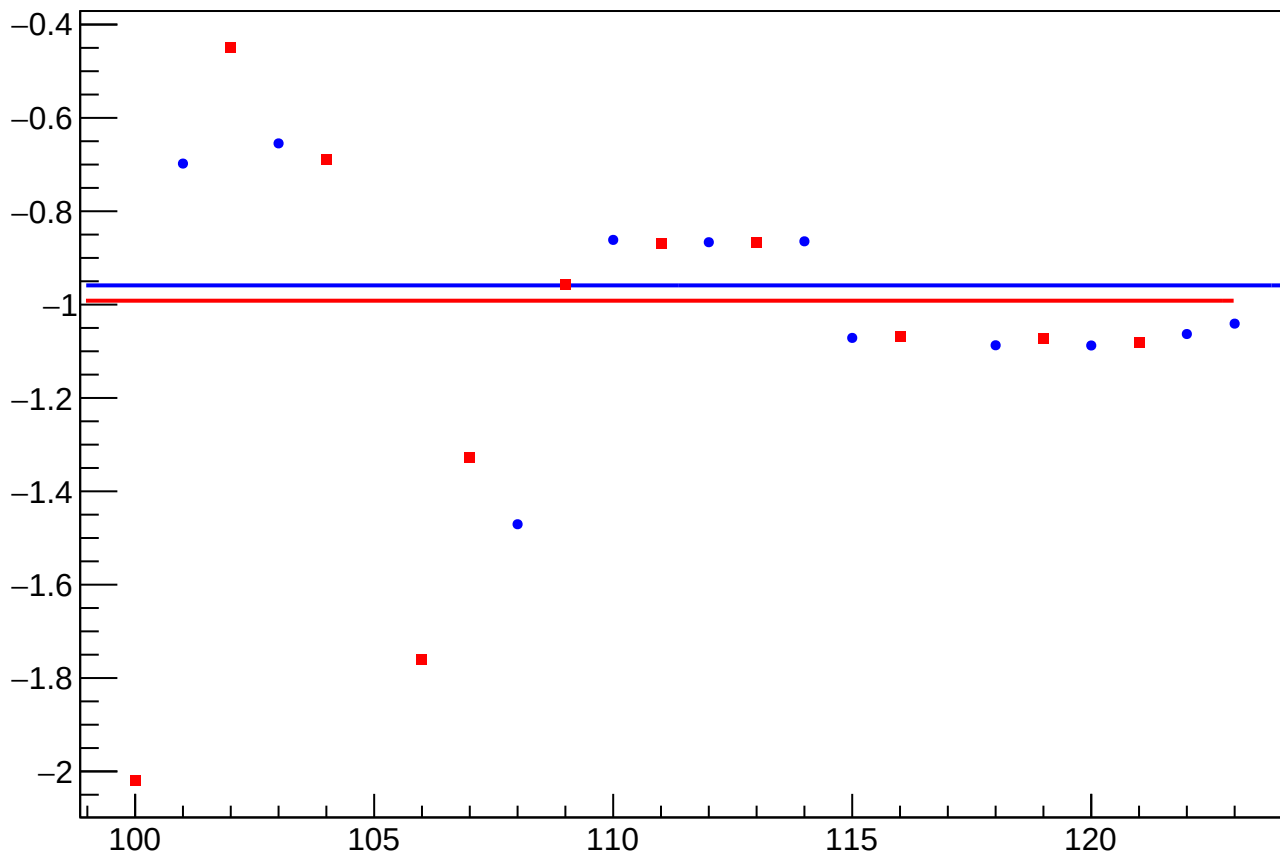
Right: 0.015+/-0.000 χ^2/NDF : 2124186.3/21

In: 0.019+/-0.000 χ^2/NDF :352478.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2124186.3/21

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.959+/-0.000 χ^2/NDF : 127601057.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.992+/-0.000 χ^2/NDF : 236725260.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

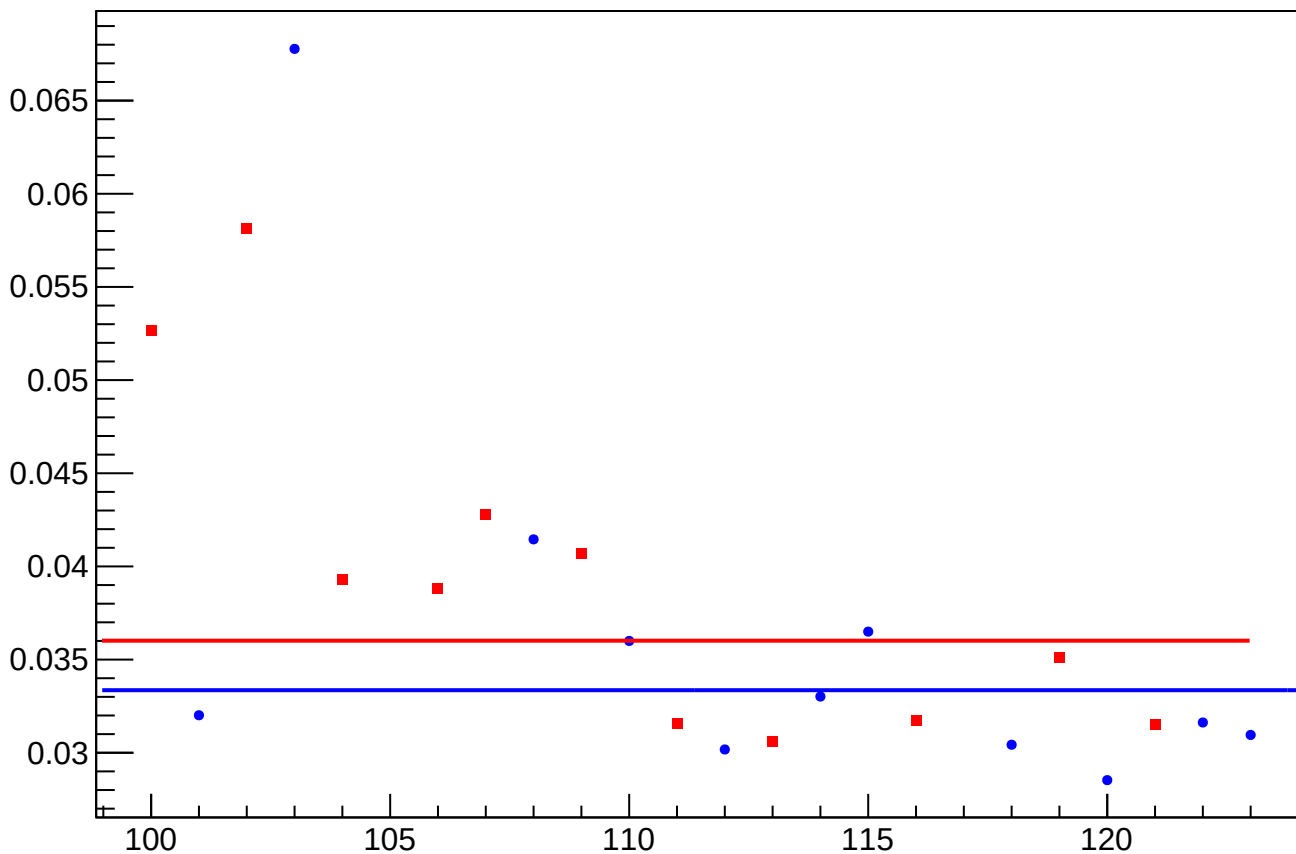
Right: -0.975+/-0.000 χ^2/NDF : 365975283.9/21

In: -0.959+/-0.000 χ^2/NDF :127601057.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.975+/-0.000 χ^2/NDF : 365975283.9/21

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 357799.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 270496.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

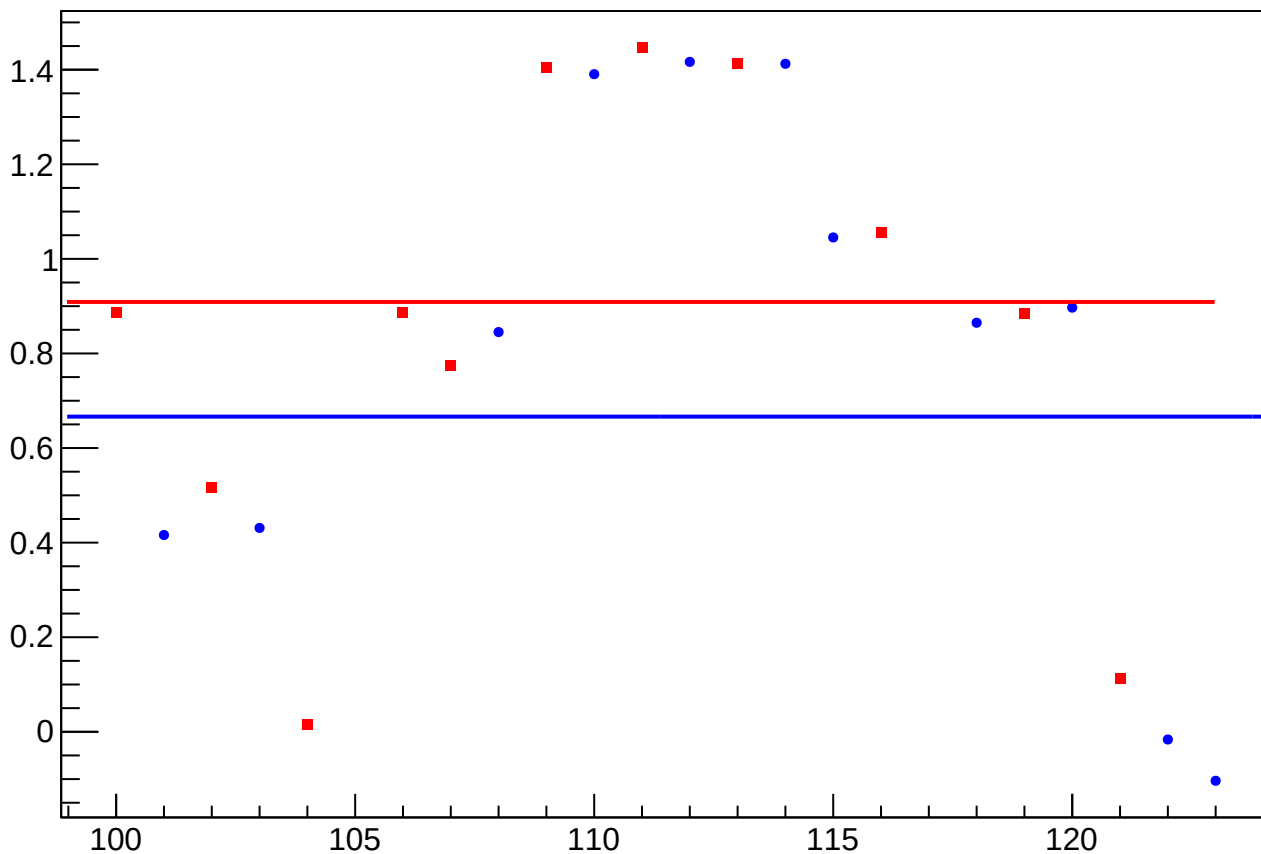
Right: 0.035+/-0.000 χ^2/NDF : 649949.6/21

In: 0.033+/-0.000 χ^2/NDF :357799.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 649949.6/21

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.666+/-0.000 χ^2/NDF : 5306583353.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.909+/-0.000 χ^2/NDF : 9876392862.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

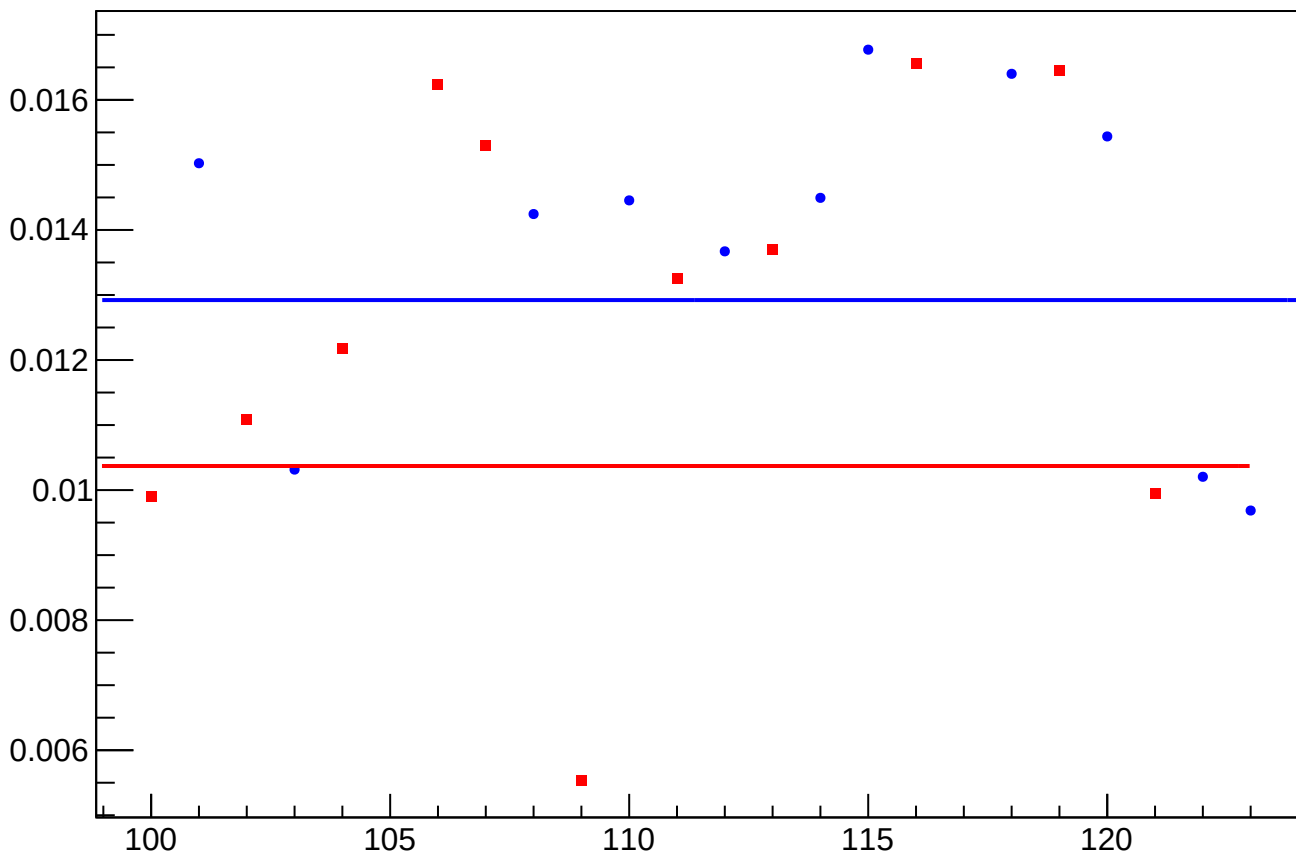
Right: 0.814+/-0.000 χ^2/NDF : 15960319302.0/21

In: 0.666+/-0.000 χ^2/NDF : 5306583353.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.814+/-0.000 χ^2/NDF : 15960319302.0/21

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 254544.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 989756.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

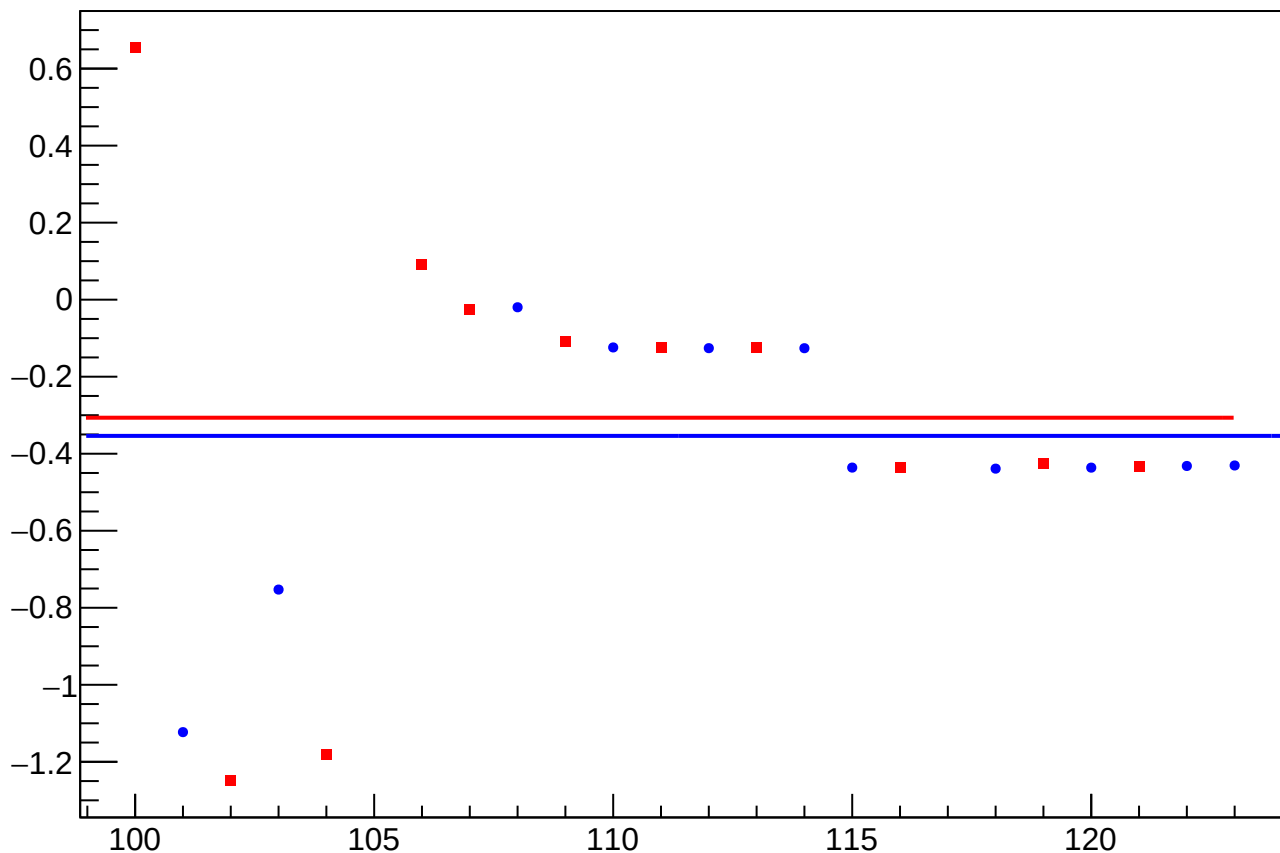
Right: 0.011+/-0.000 χ^2/NDF : 1416450.7/21

In: 0.013+/-0.000 χ^2/NDF :254544.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1416450.7/21

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.354+/-0.000 χ^2/NDF : 649970323.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.307+/-0.000 χ^2/NDF : 685922441.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

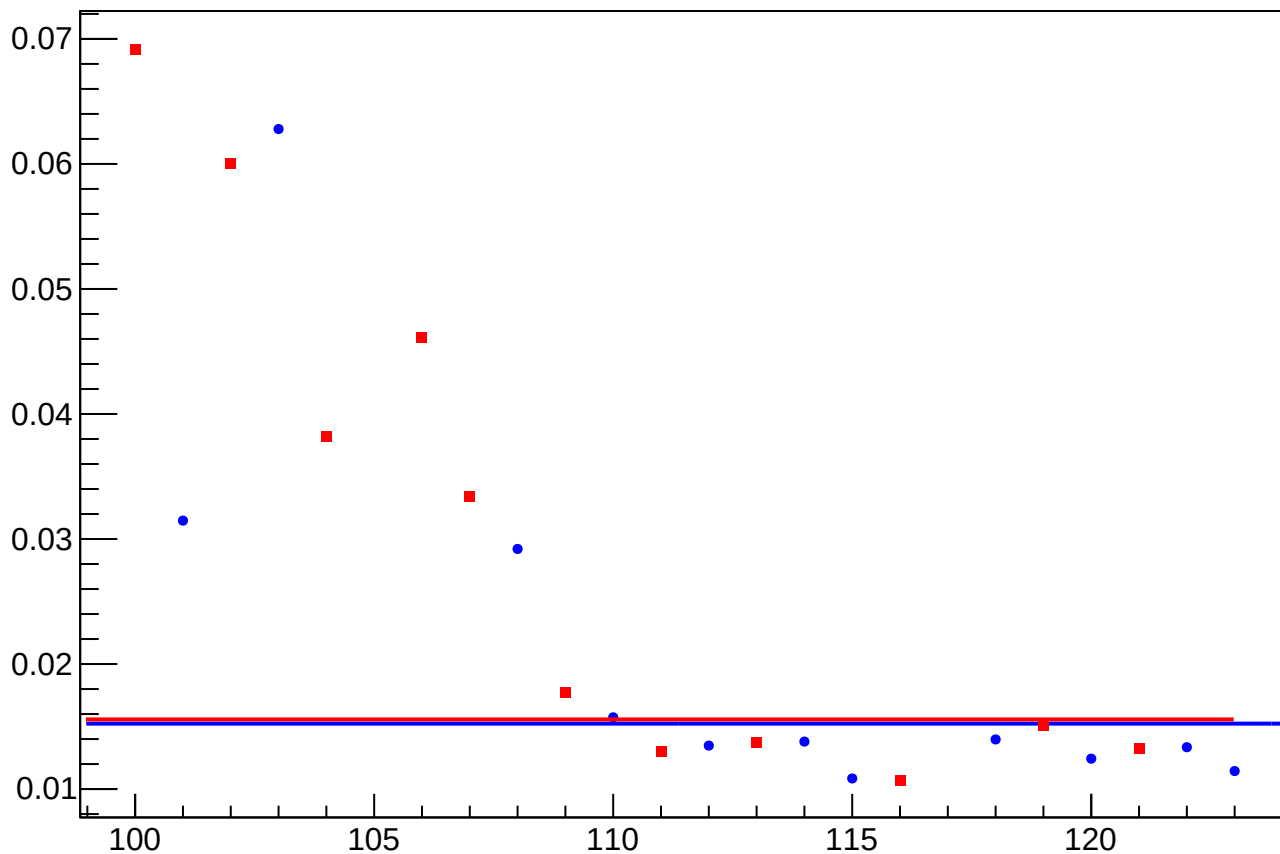
Right: -0.330+/-0.000 χ^2/NDF : 1349766187.3/21

In: -0.354+/-0.000 χ^2/NDF :649970323.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.330+/-0.000 χ^2/NDF : 1349766187.3/21

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1162330.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1461018.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

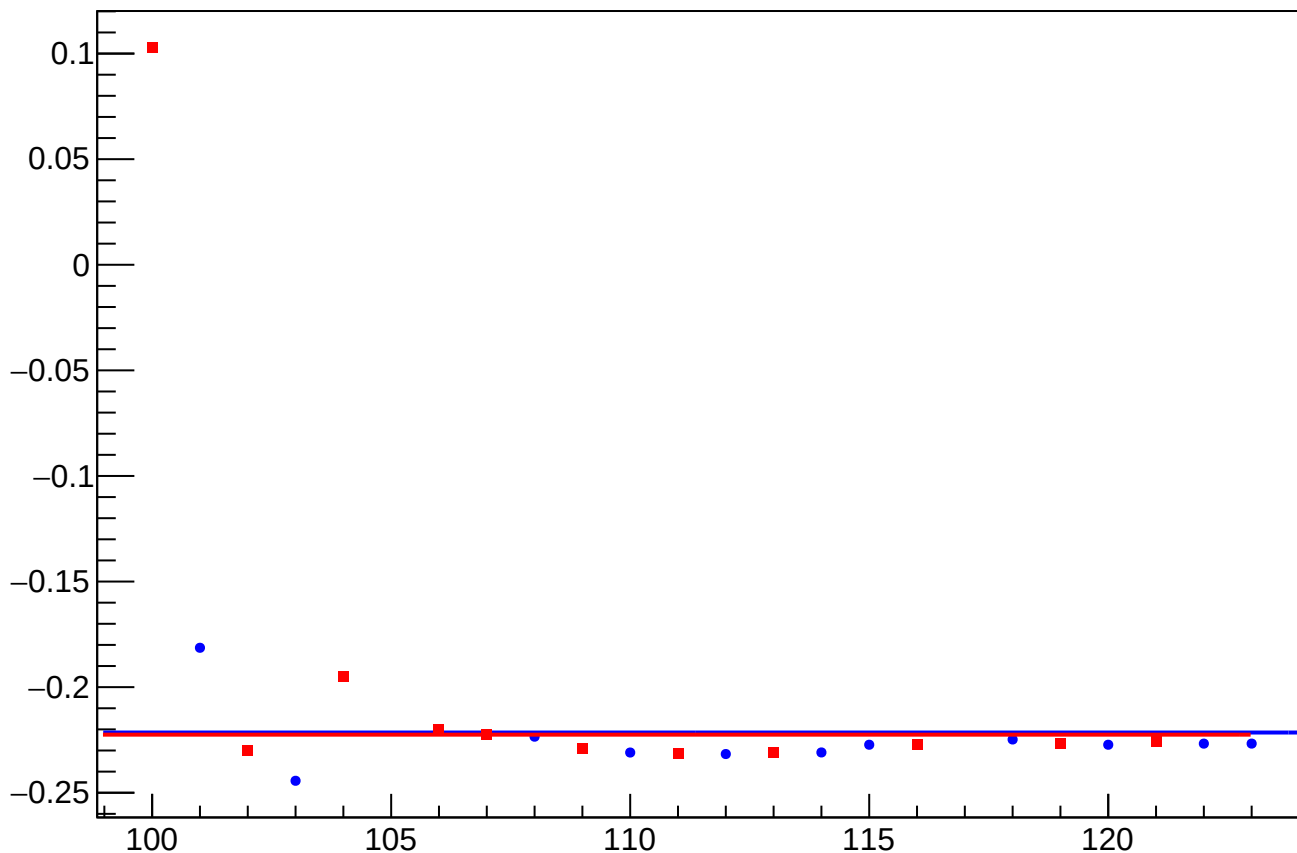
Right: 0.015+/-0.000 χ^2/NDF : 2624755.3/21

In: 0.015+/-0.000 χ^2/NDF : 1162330.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2624755.3/21

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 50865632.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.222+/-0.000 χ^2/NDF : 157156459.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

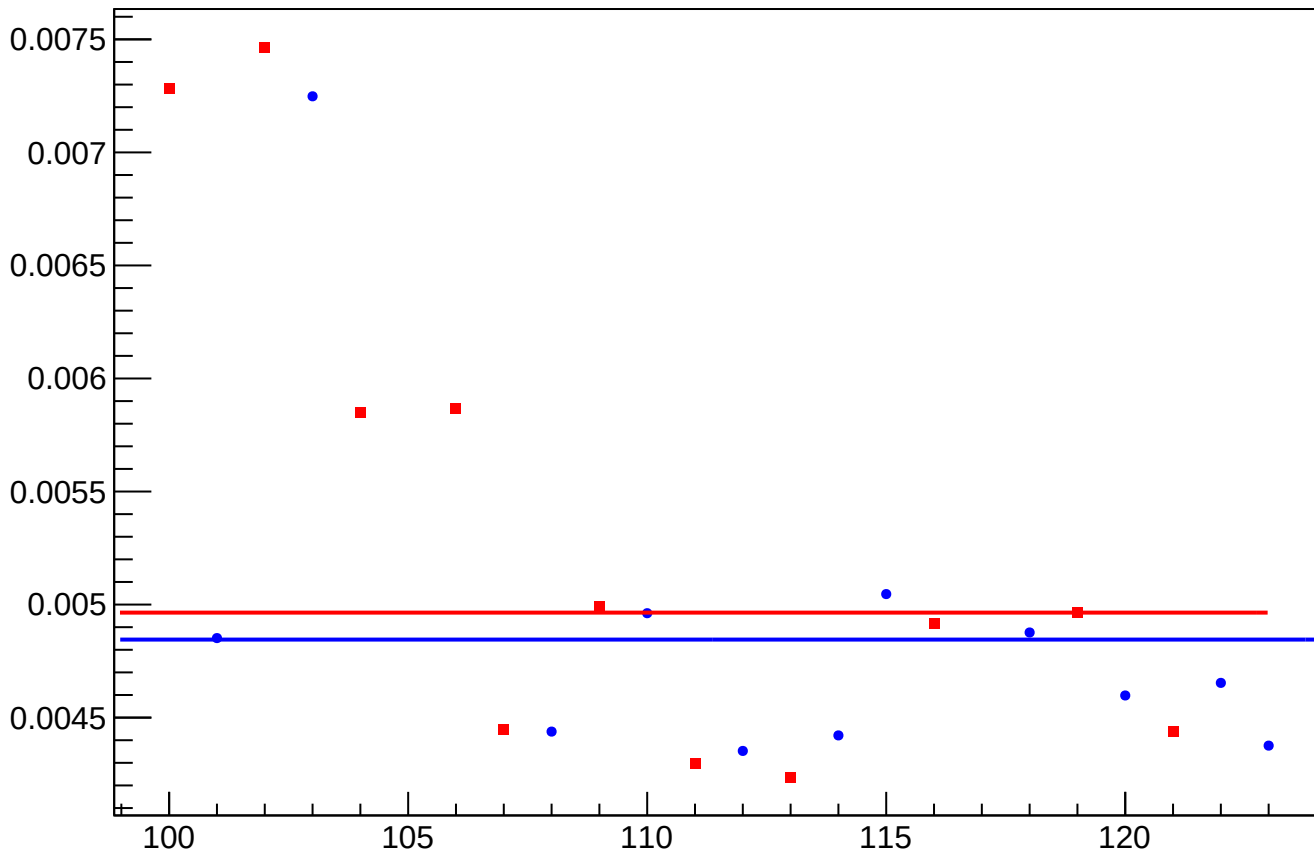
Right: -0.222+/-0.000 χ^2/NDF : 208104335.0/21

In: -0.221+/-0.000 χ^2/NDF :50865632.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.222+/-0.000 χ^2/NDF : 208104335.0/21

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 147480.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 245686.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

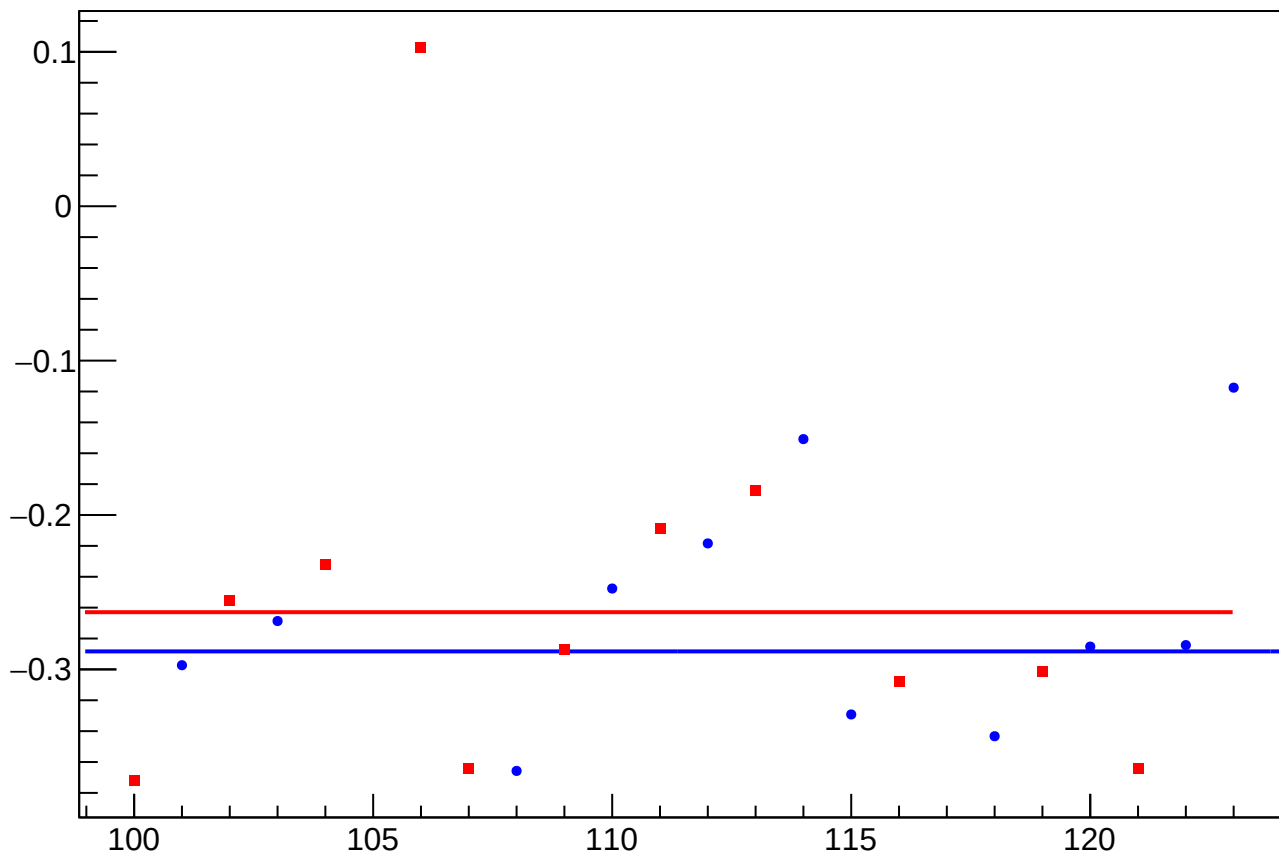
Right: 0.005+/-0.000 χ^2/NDF : 395465.7/21

In: 0.005+/-0.000 χ^2/NDF :147480.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 395465.7/21

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.288+/-0.000 χ^2/NDF : 245075909.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.263+/-0.000 χ^2/NDF : 742329489.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

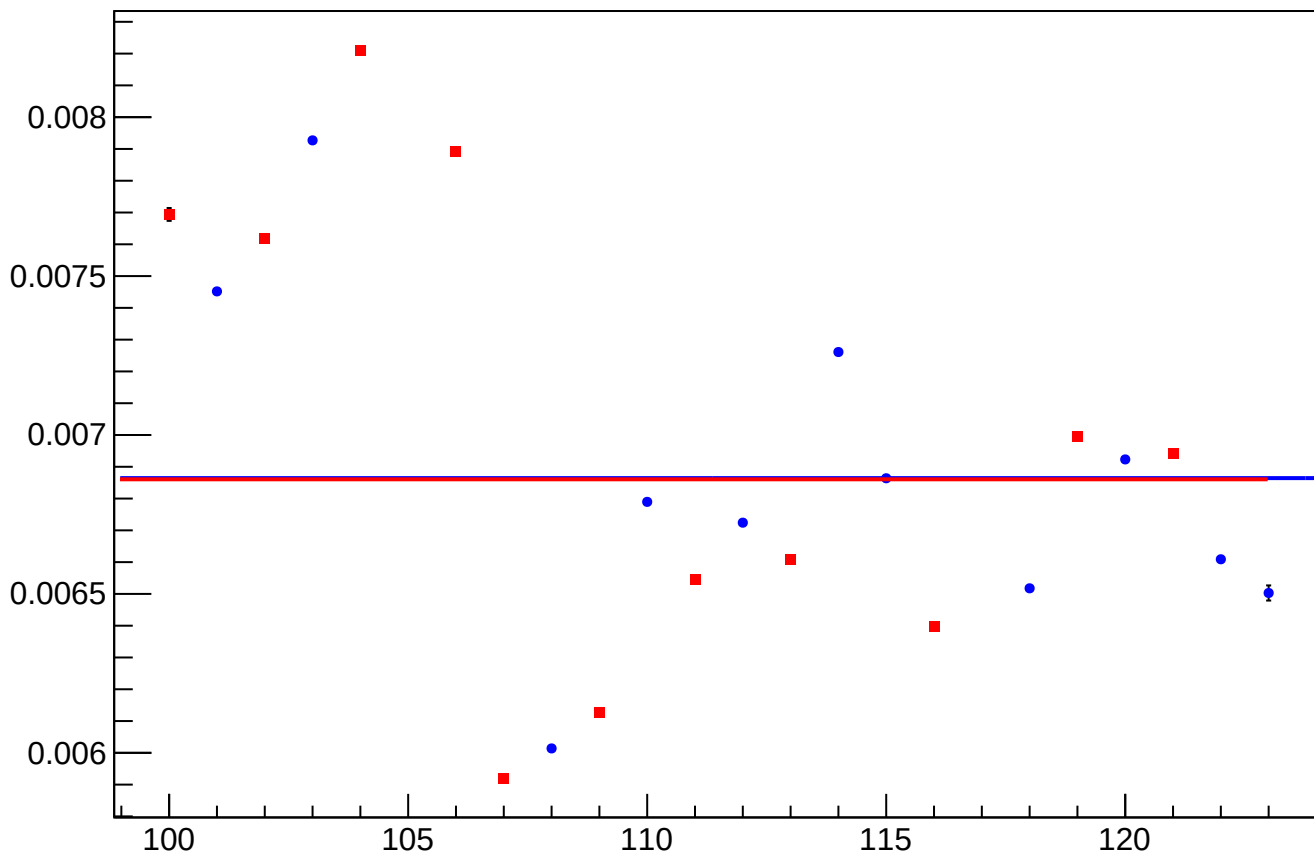
Right: -0.275+/-0.000 χ^2/NDF : 1016310441.0/21

In: -0.288+/-0.000 χ^2/NDF : 245075909.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.275+/-0.000 χ^2/NDF : 1016310441.0/21

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 50793.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 82482.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

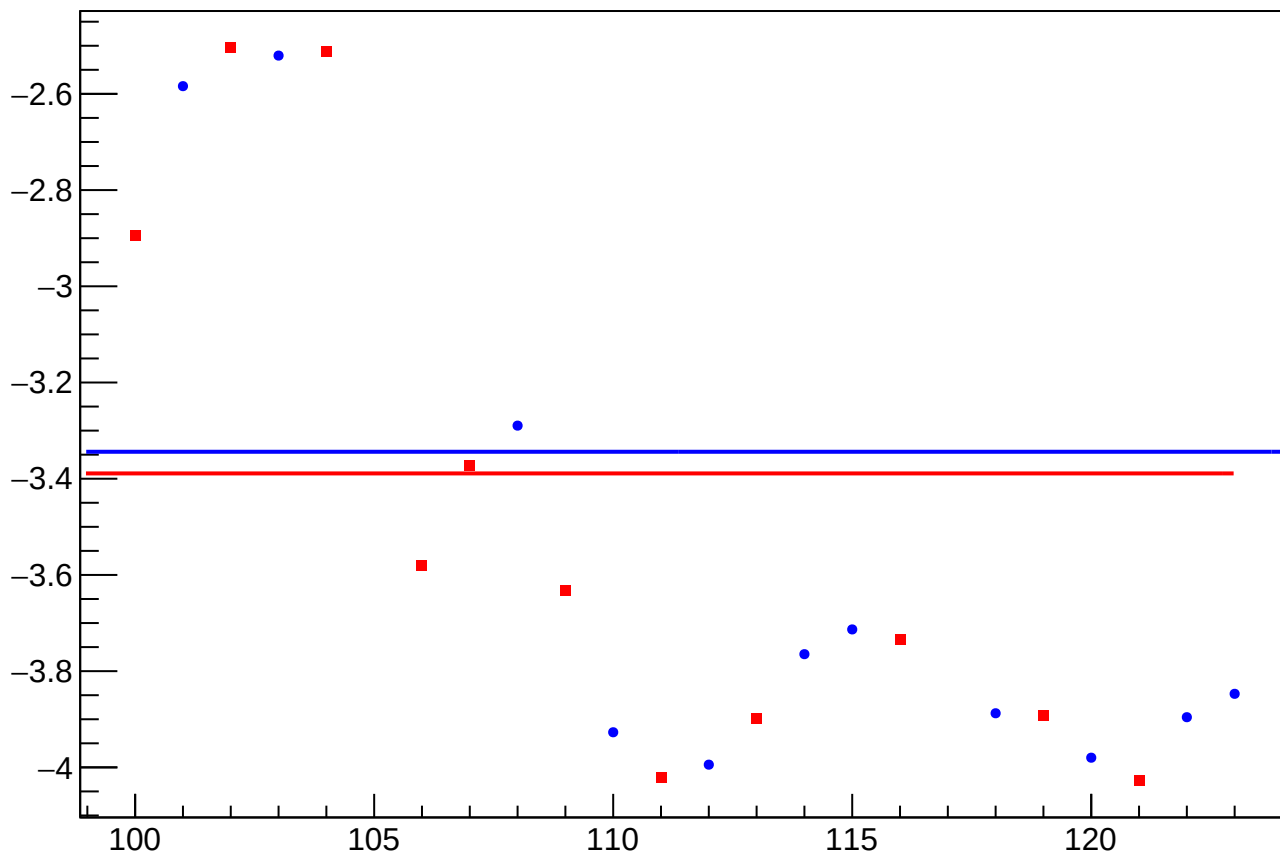
Right: 0.007+/-0.000 χ^2/NDF : 133277.8/21

In: 0.007+/-0.000 χ^2/NDF : 50793.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 133277.8/21

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.344+/-0.000 χ^2/NDF : 26698101881.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.389+/-0.000 χ^2/NDF : 26697654973.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

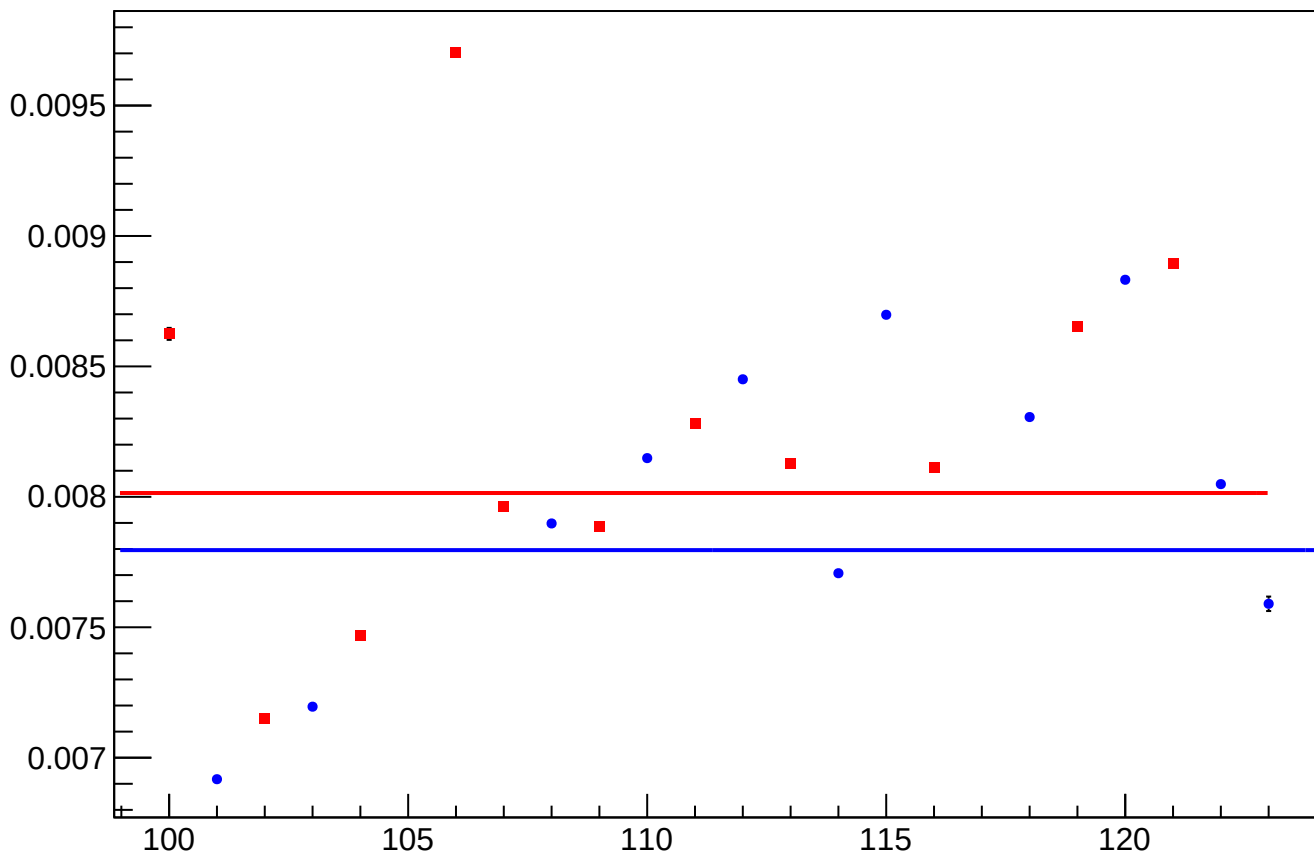
Right: -3.367+/-0.000 χ^2/NDF : 53463354632.6/21

In: -3.344+/-0.000 χ^2/NDF :26698101881.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.367+/-0.000 χ^2/NDF : 53463354632.6/21

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 53378.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 51260.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

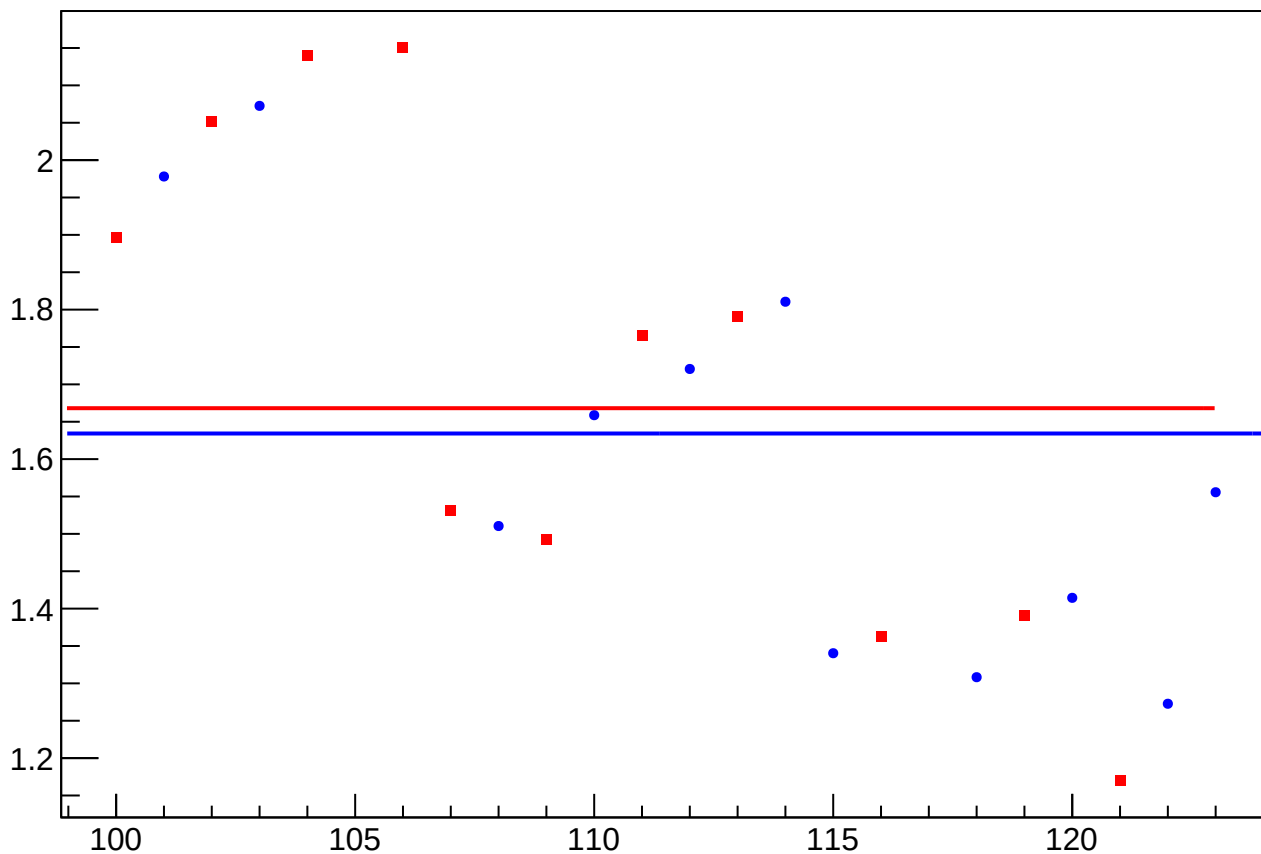
Right: 0.008+/-0.000 χ^2/NDF : 107834.2/21

In: 0.008+/-0.000 χ^2/NDF : 53378.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 107834.2/21

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.634+/-0.000 χ^2/NDF : 2068512441.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.668+/-0.000 χ^2/NDF : 2867939661.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

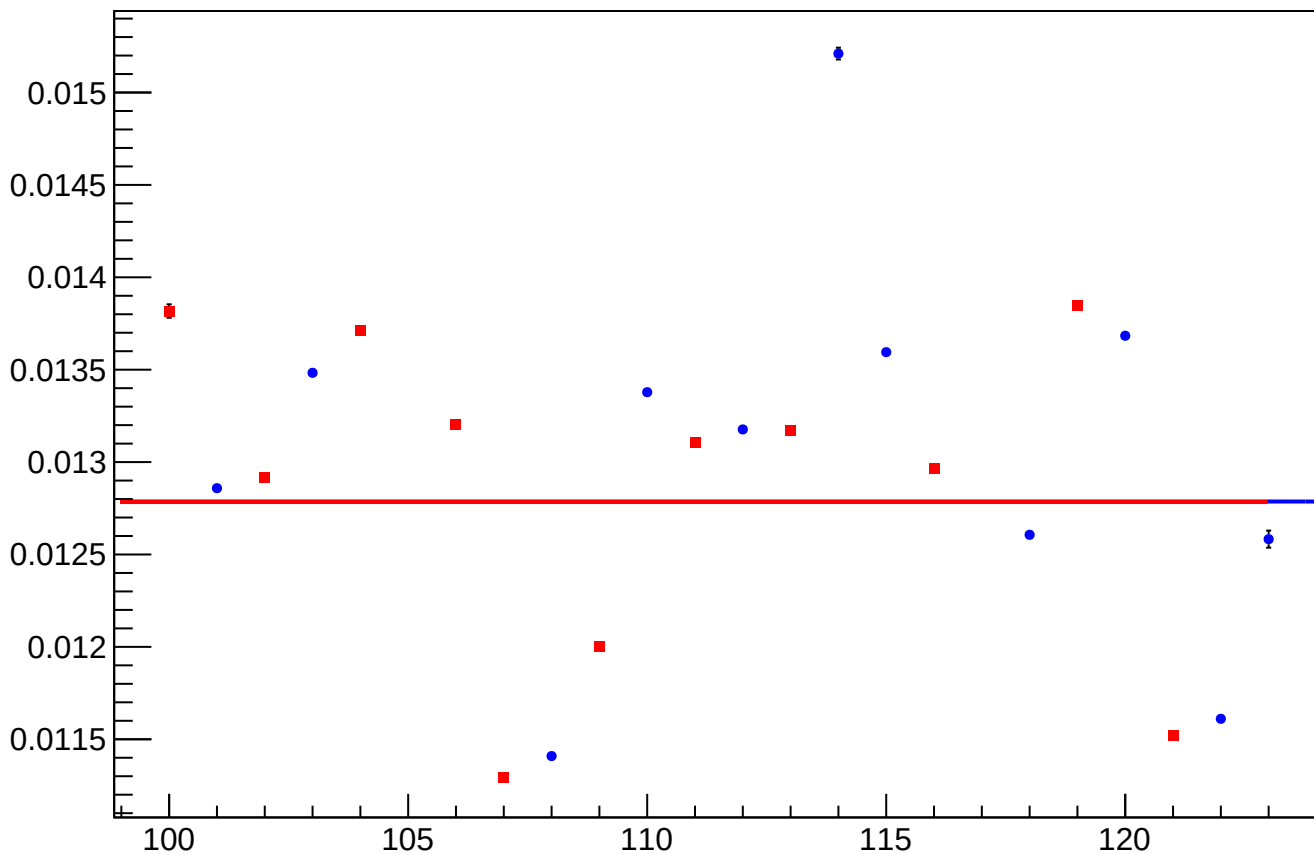
Right: 1.652+/-0.000 χ^2/NDF : 4951145678.8/21

In: 1.634+/-0.000 χ^2/NDF : 2068512441.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.652+/-0.000 χ^2/NDF : 4951145678.8/21

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 34877.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 38419.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

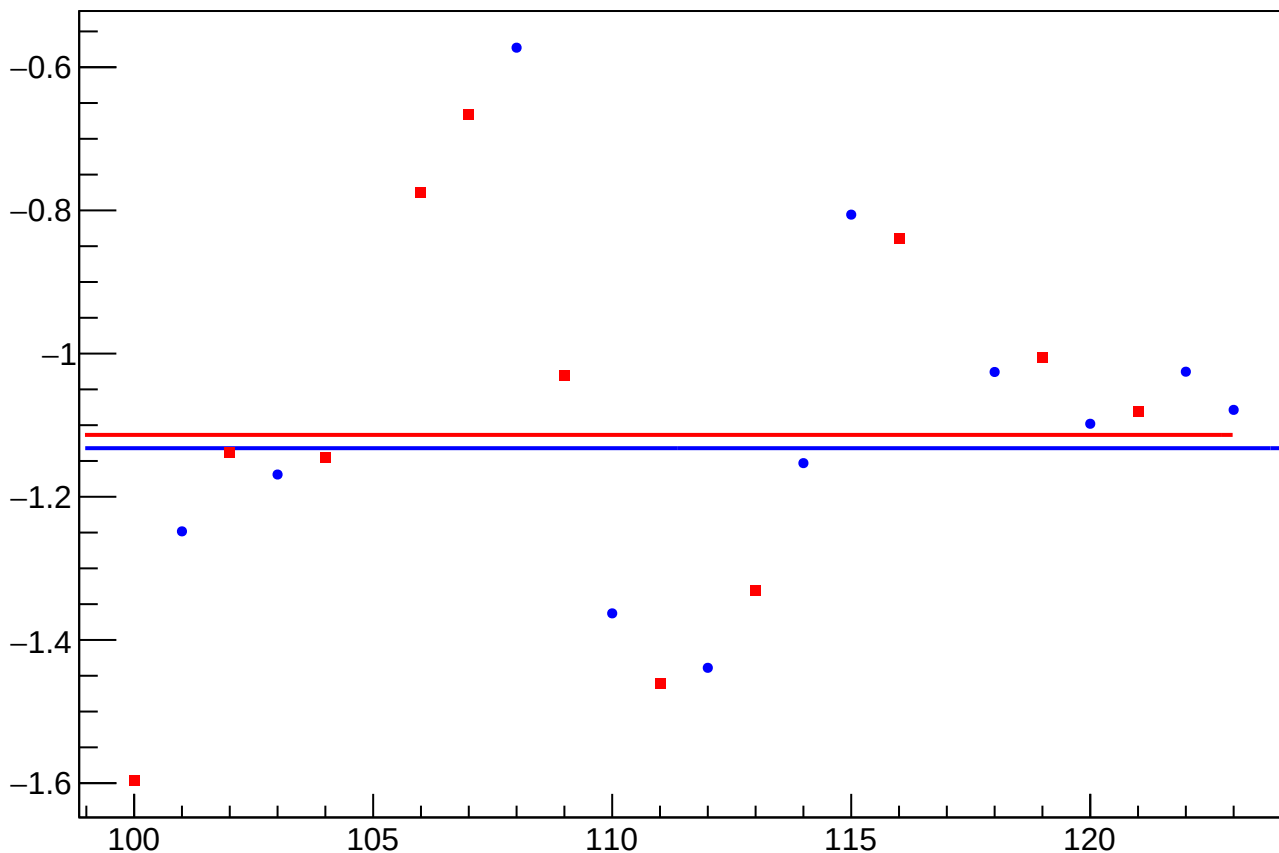
Right: 0.013+/-0.000 χ^2/NDF : 73296.8/21

In: 0.013+/-0.000 χ^2/NDF : 34877.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 73296.8/21

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.132+/-0.000 χ^2/NDF : 2462339219.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.114+/-0.000 χ^2/NDF : 1940541957.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

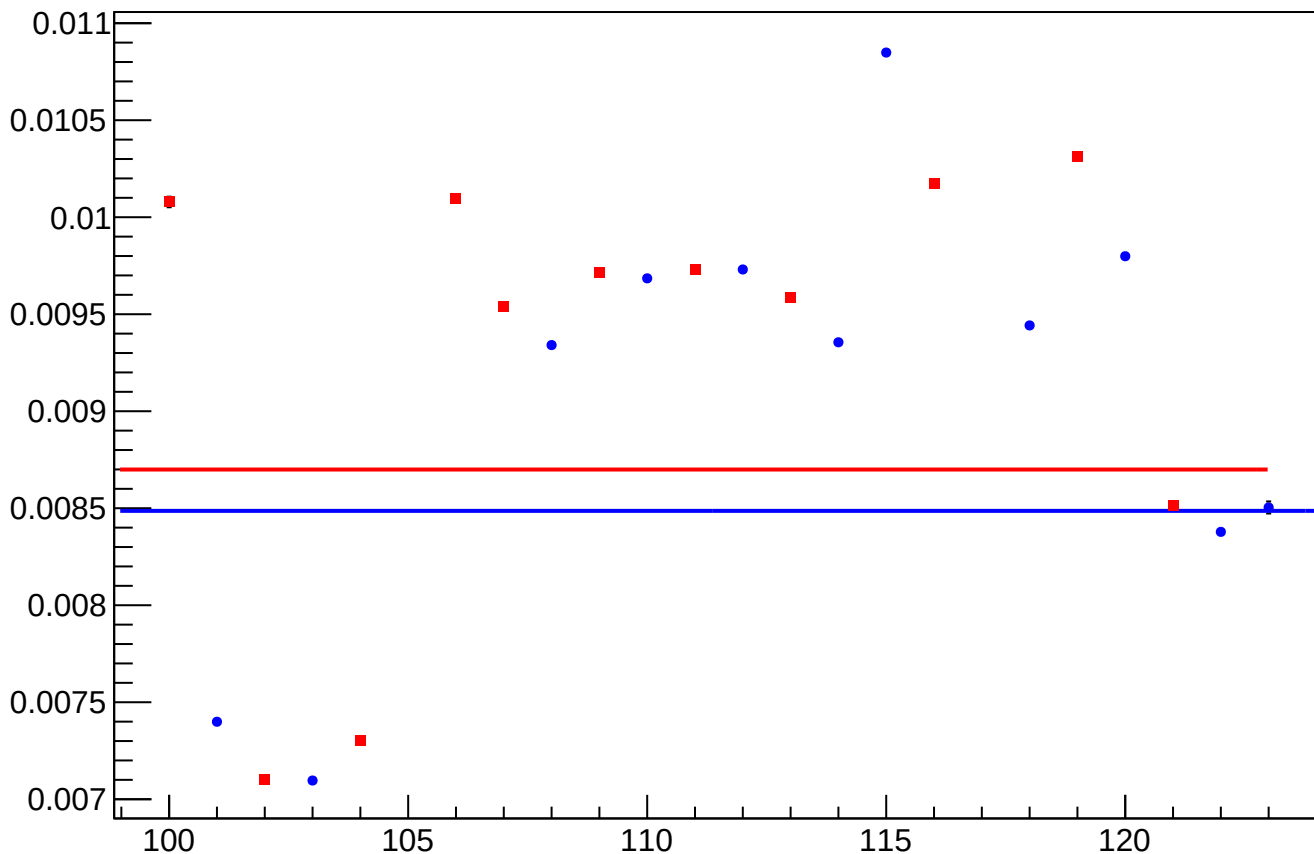
Right: -1.123+/-0.000 χ^2/NDF : 4412313244.0/21

In: -1.132+/-0.000 χ^2/NDF : 2462339219.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.123+/-0.000 χ^2/NDF : 4412313244.0/21

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 142552.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 182990.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

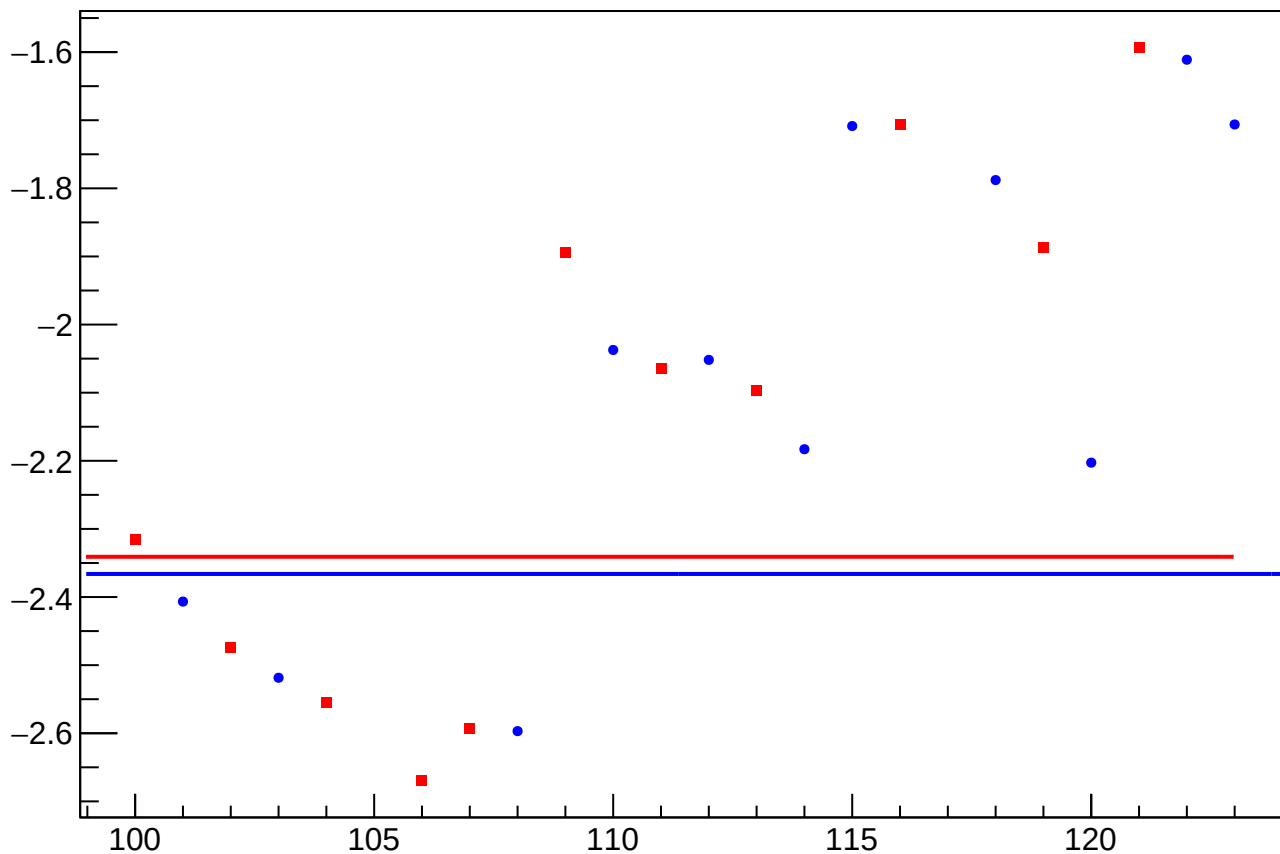
Right: 0.009+/-0.000 χ^2/NDF : 328028.5/21

In: 0.008+/-0.000 χ^2/NDF :142552.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 328028.5/21

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.366+/-0.000 χ^2/NDF : 4684600856.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.341+/-0.000 χ^2/NDF : 6686293839.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

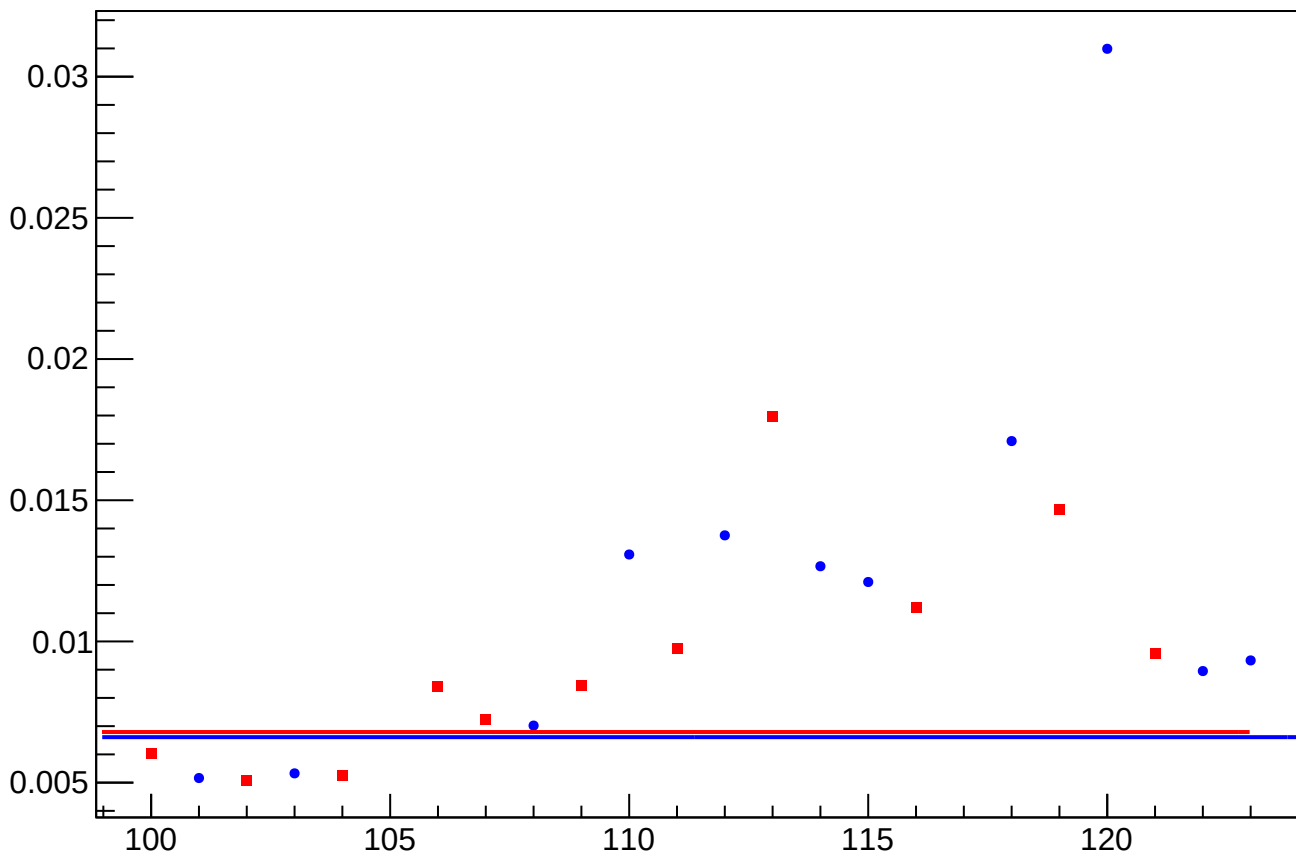
Right: -2.353+/-0.000 χ^2/NDF : 11391911491.9/21

In: -2.366+/-0.000 χ^2/NDF :4684600856.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.353+/-0.000 χ^2/NDF : 11391911491.9/21

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1189080.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 941274.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

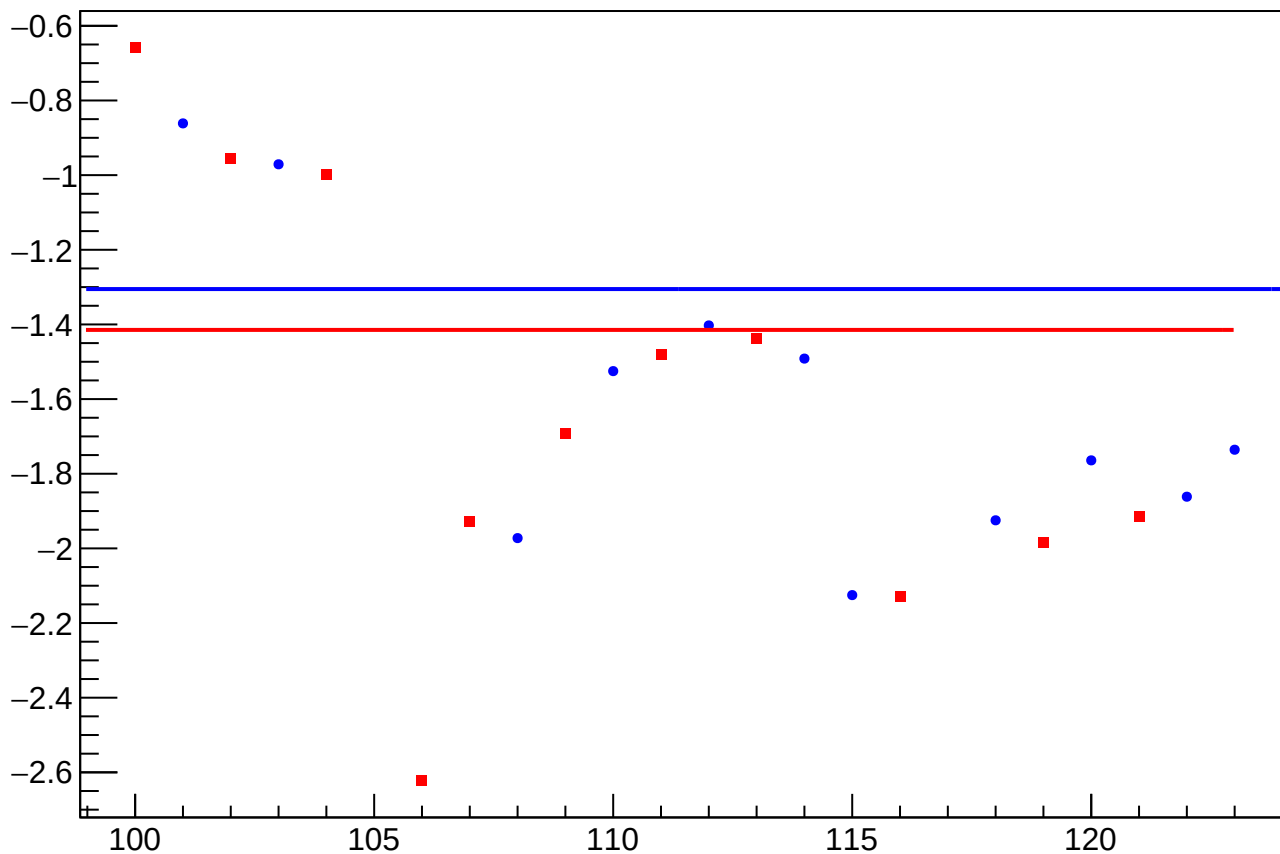
Right: 0.007+/-0.000 χ^2/NDF : 2132538.9/21

In: 0.007+/-0.000 χ^2/NDF :1189080.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2132538.9/21

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.305+/-0.000 χ^2/NDF : 16325246451.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.415+/-0.000 χ^2/NDF : 23912805076.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

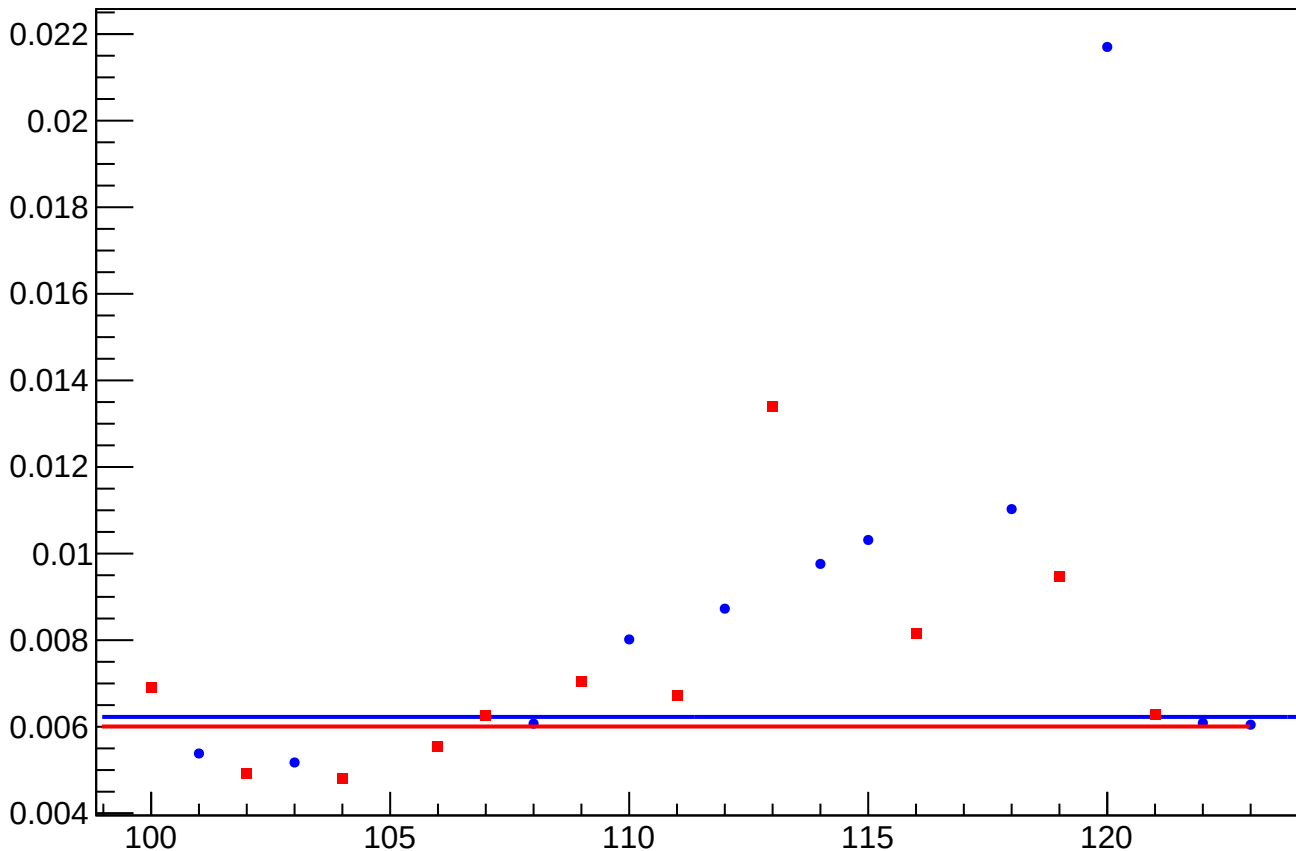
Right: -1.366+/-0.000 χ^2/NDF : 40750543226.3/21

In: -1.305+/-0.000 χ^2/NDF : 16325246451.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.366+/-0.000 χ^2/NDF : 40750543226.3/21

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 588306.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 450896.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

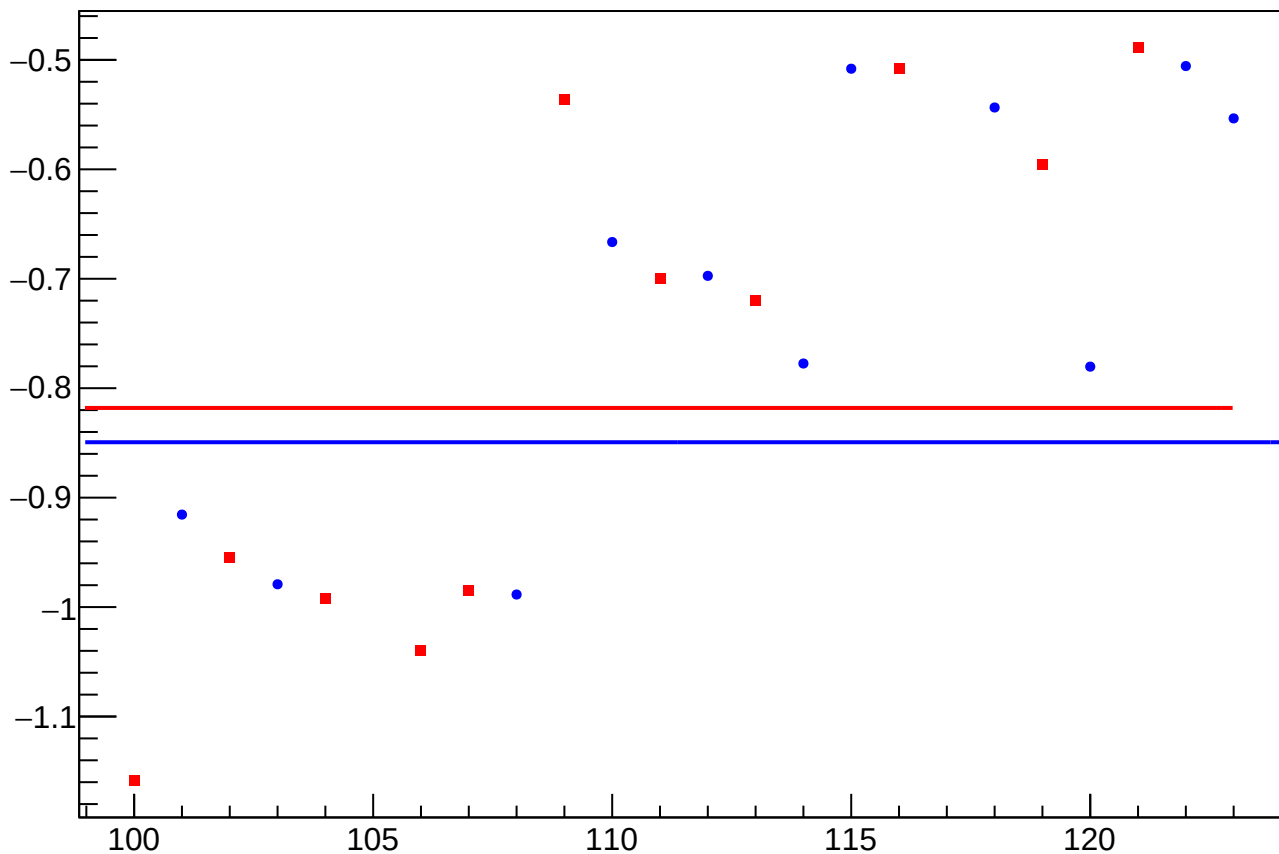
Right: 0.006+/-0.000 χ^2/NDF : 1043398.7/21

In: 0.006+/-0.000 χ^2/NDF : 588306.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1043398.7/21

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.849+/-0.000 χ^2/NDF : 3585012980.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.818+/-0.000 χ^2/NDF : 5773522574.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

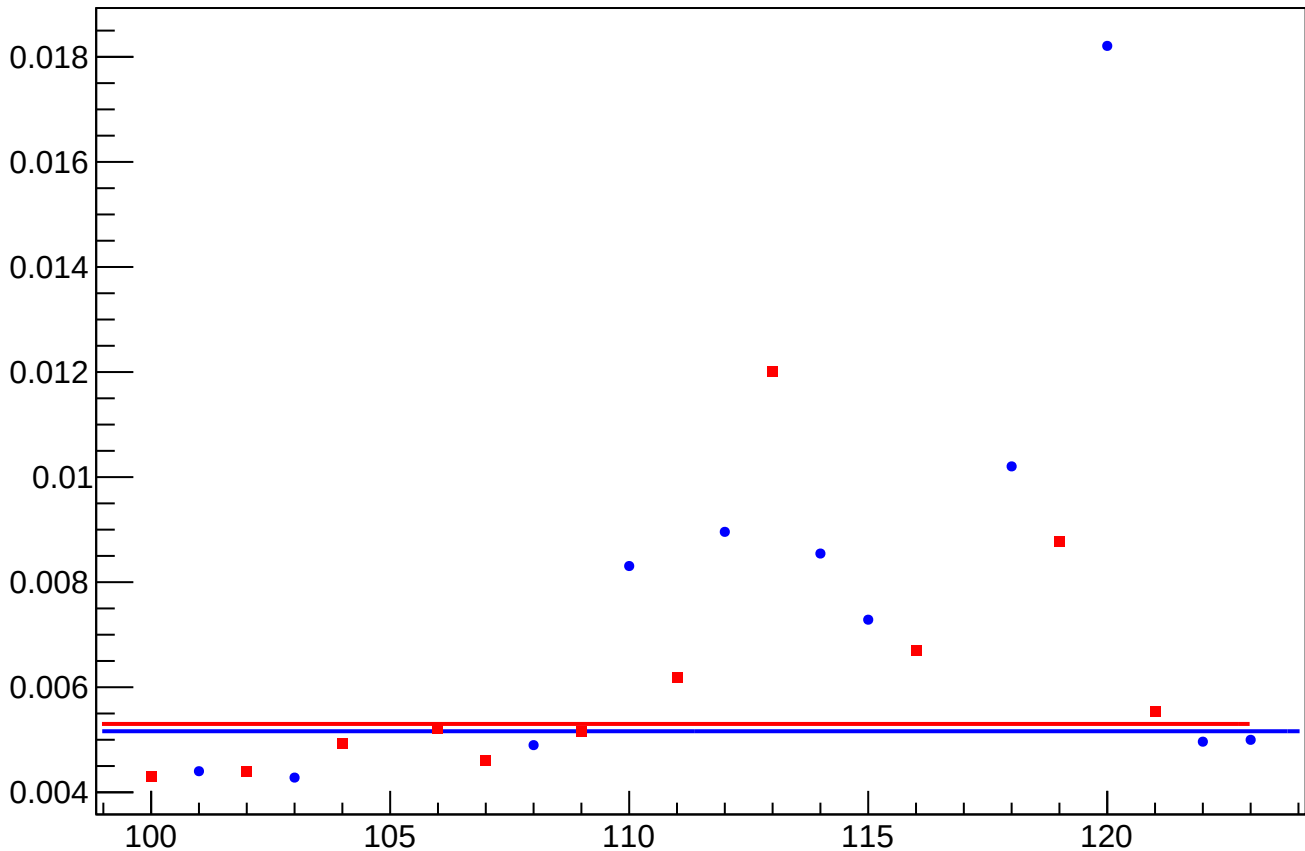
Right: -0.833+/-0.000 χ^2/NDF : 9416308419.6/21

In: -0.849+/-0.000 χ^2/NDF :3585012980.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.833+/-0.000 χ^2/NDF : 9416308419.6/21

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 779916.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 436017.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

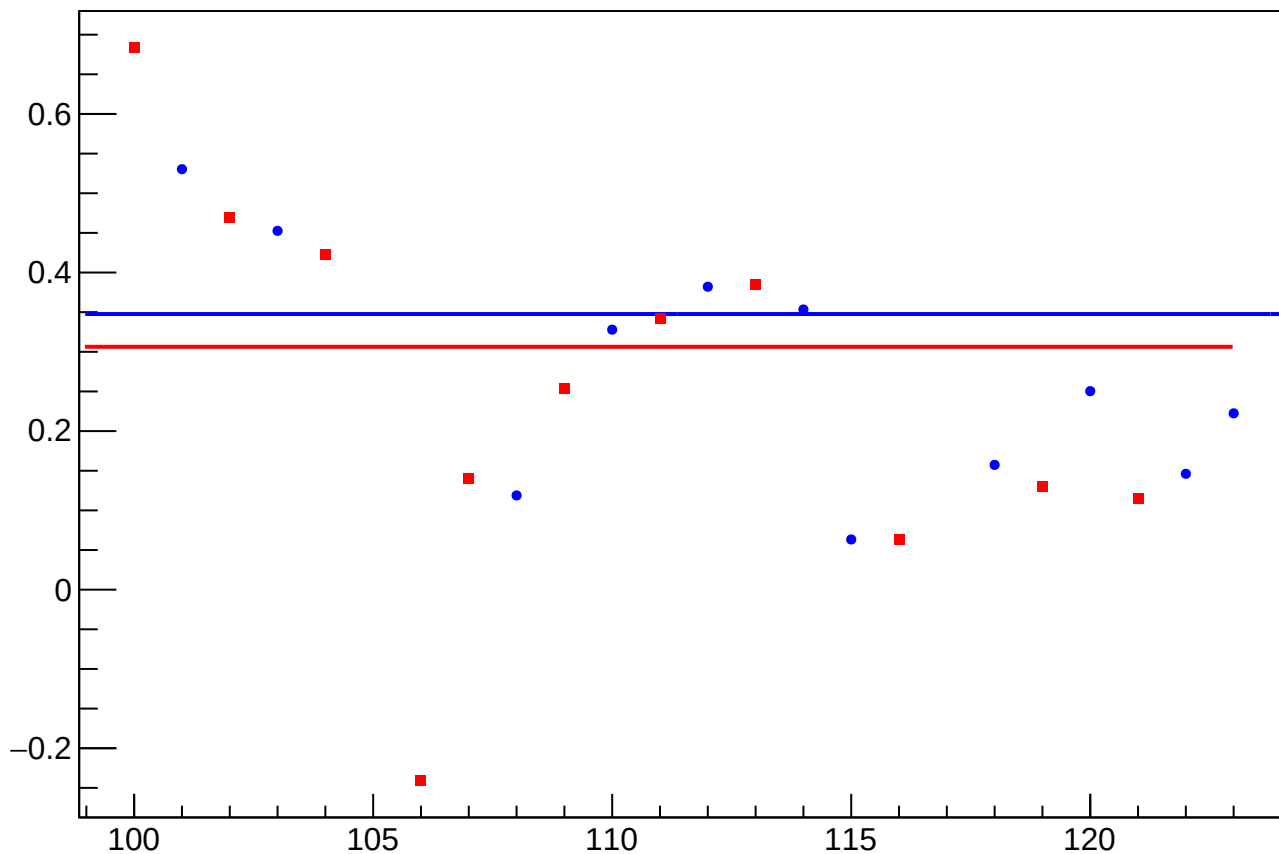
Right: 0.005+/-0.000 χ^2/NDF : 1218206.3/21

In: 0.005+/-0.000 χ^2/NDF : 779916.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1218206.3/21

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 5004911035.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.306+/-0.000 χ^2/NDF : 7167975496.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

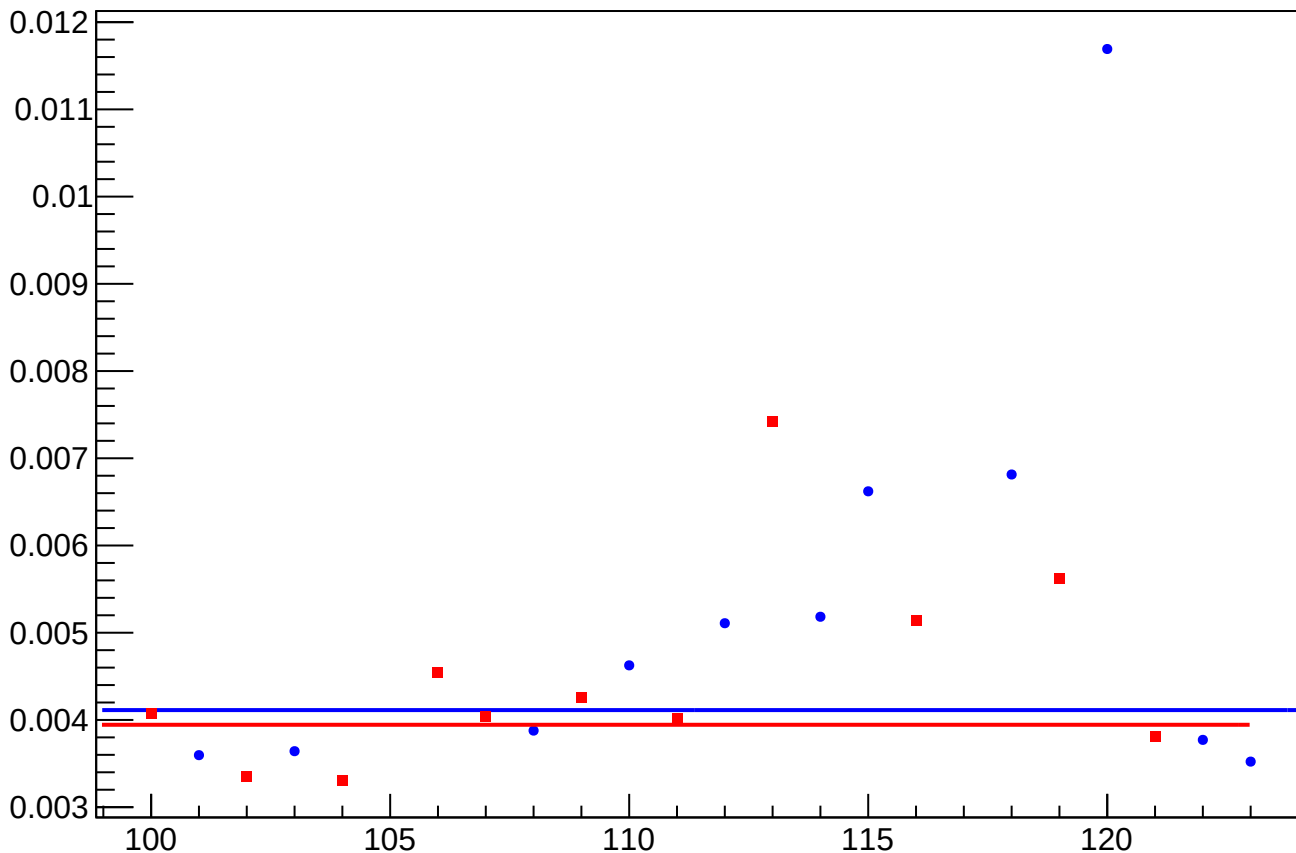
Right: 0.325+/-0.000 χ^2/NDF : 12350076626.3/21

In: 0.348+/-0.000 χ^2/NDF : 5004911035.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.325+/-0.000 χ^2/NDF : 12350076626.3/21

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 464449.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 307867.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

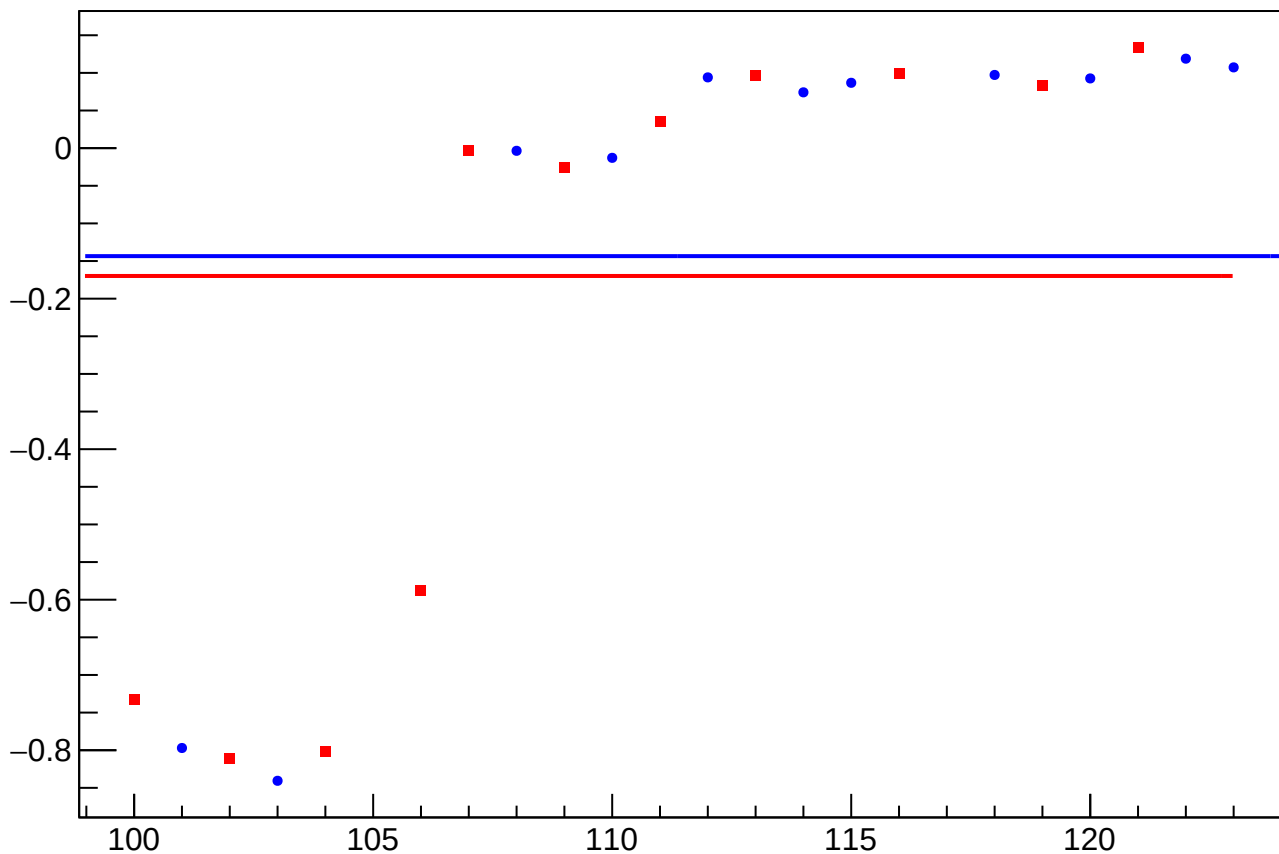
Right: 0.004+/-0.000 χ^2/NDF : 778201.9/21

In: 0.004+/-0.000 χ^2/NDF :464449.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 778201.9/21

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.143+/-0.000 χ^2/NDF : 5198708320.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.170+/-0.000 χ^2/NDF : 5649188735.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

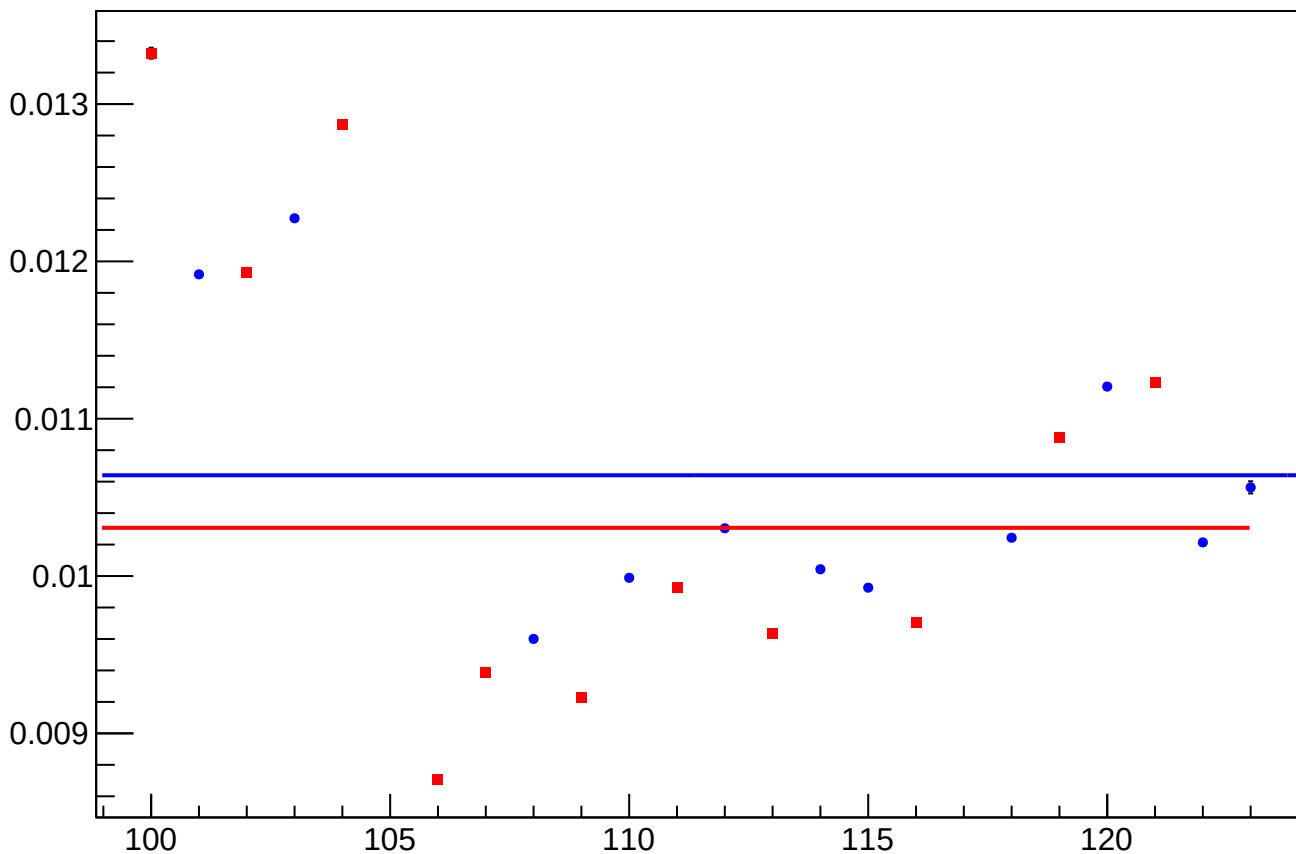
Right: -0.158+/-0.000 χ^2/NDF : 10861566933.8/21

In: -0.143+/-0.000 χ^2/NDF :5198708320.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.158+/-0.000 χ^2/NDF : 10861566933.8/21

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 57007.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 131451.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

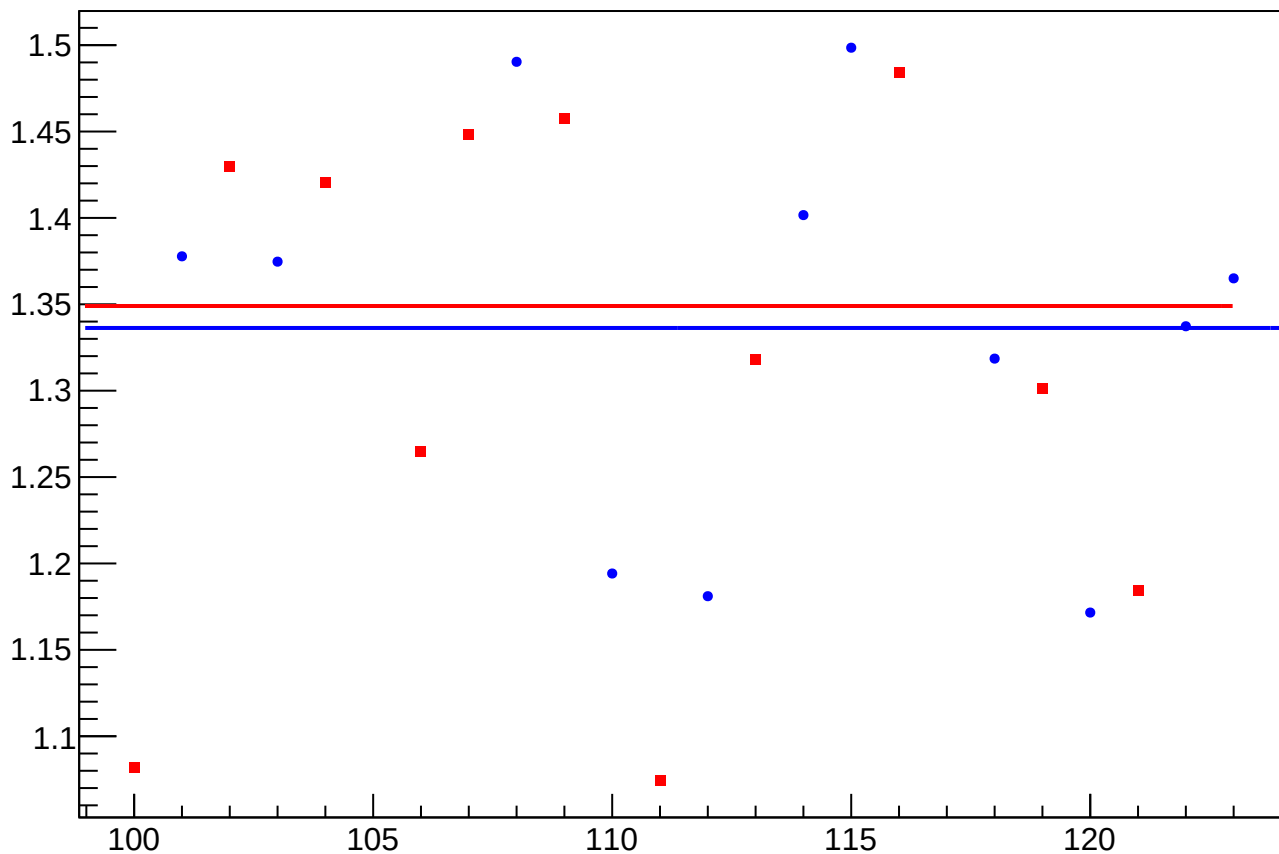
Right: 0.010+/-0.000 χ^2/NDF : 192844.5/21

In: 0.011+/-0.000 χ^2/NDF : 57007.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 192844.5/21

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000 χ^2/NDF : 766171170.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.349+/-0.000 χ^2/NDF : 1312554103.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

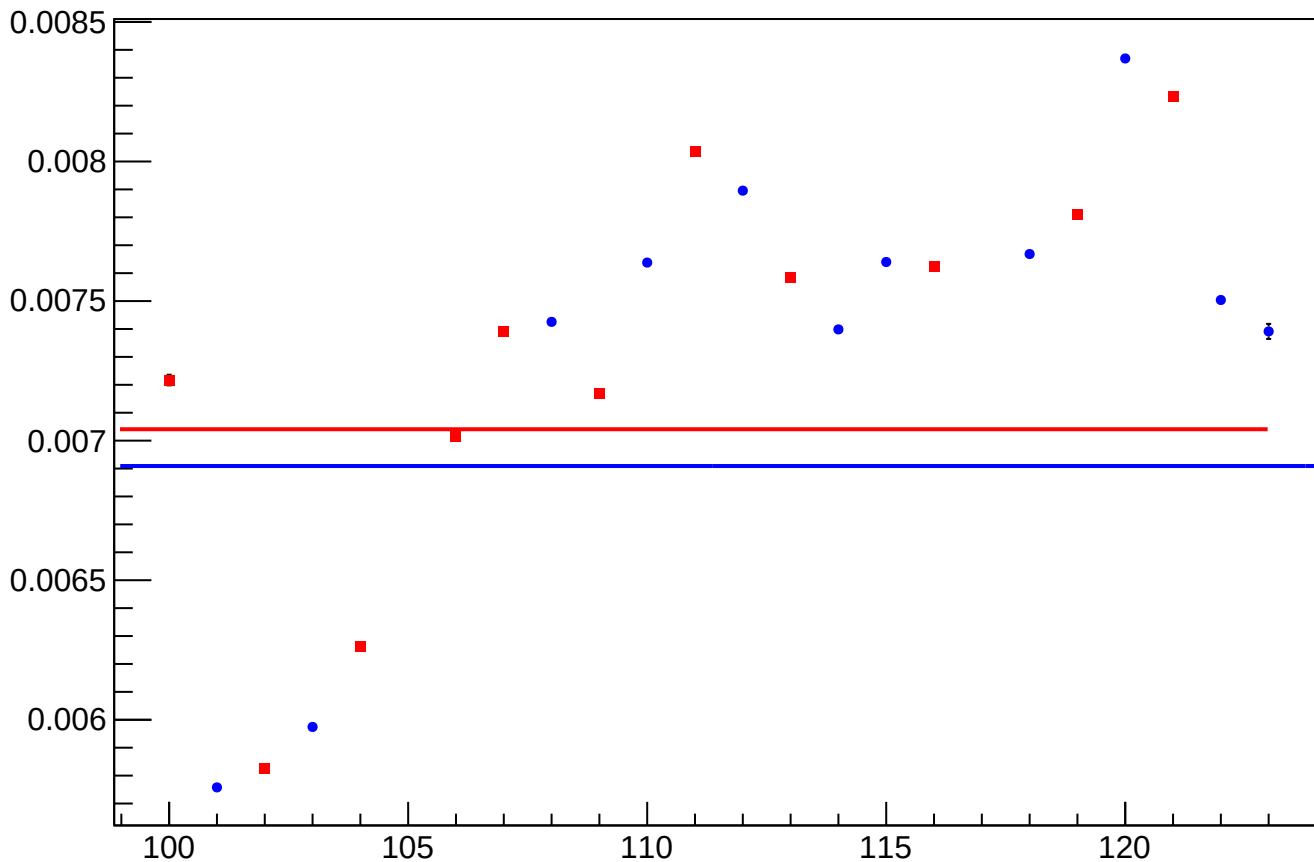
Right: 1.343+/-0.000 χ^2/NDF : 2085863883.9/21

In: 1.336+/-0.000 χ^2/NDF : 766171170.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.343+/-0.000 χ^2/NDF : 2085863883.9/21

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 148177.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 126633.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

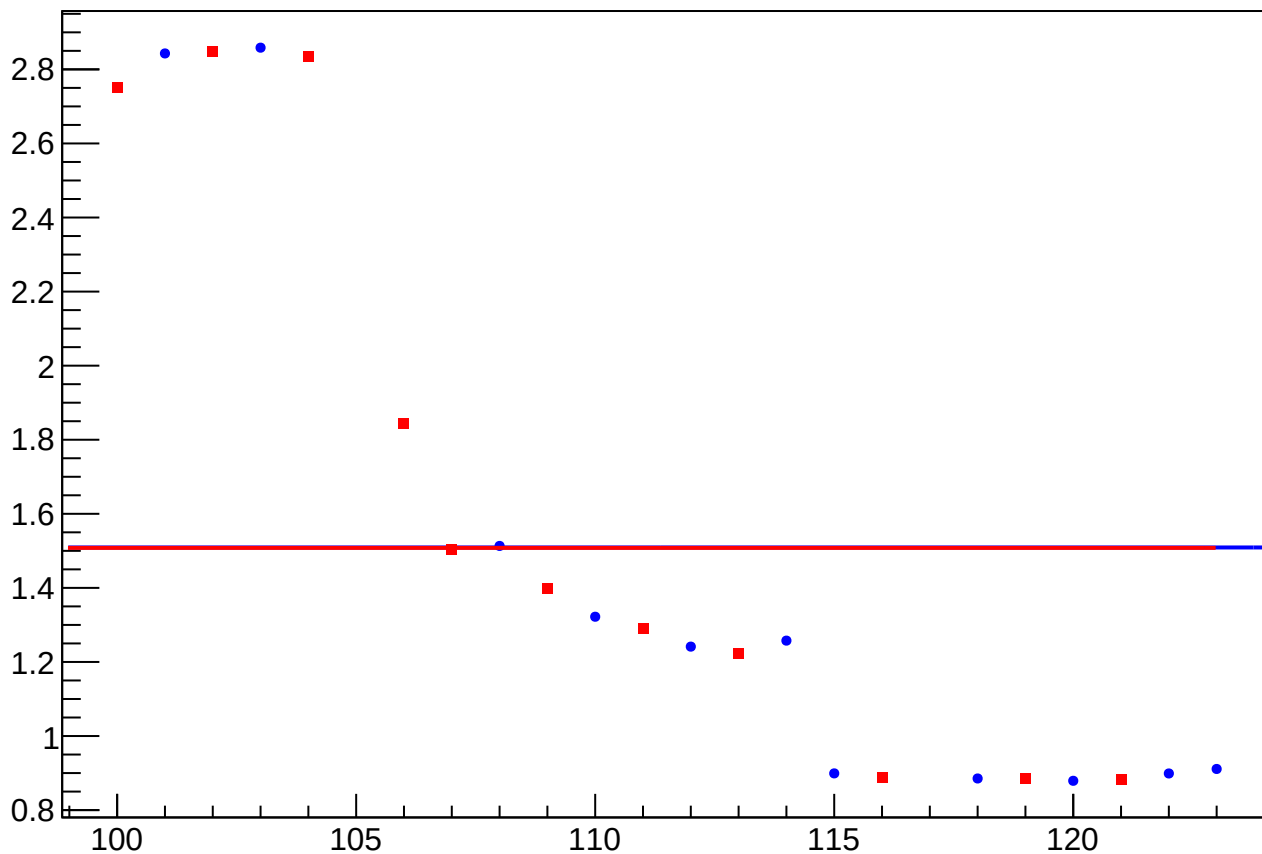
Right: 0.007+/-0.000 χ^2/NDF : 276344.8/21

In: 0.007+/-0.000 χ^2/NDF :148177.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 276344.8/21

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.509+/-0.000 χ^2/NDF : 48628677660.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.508+/-0.000 χ^2/NDF : 45269689812.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

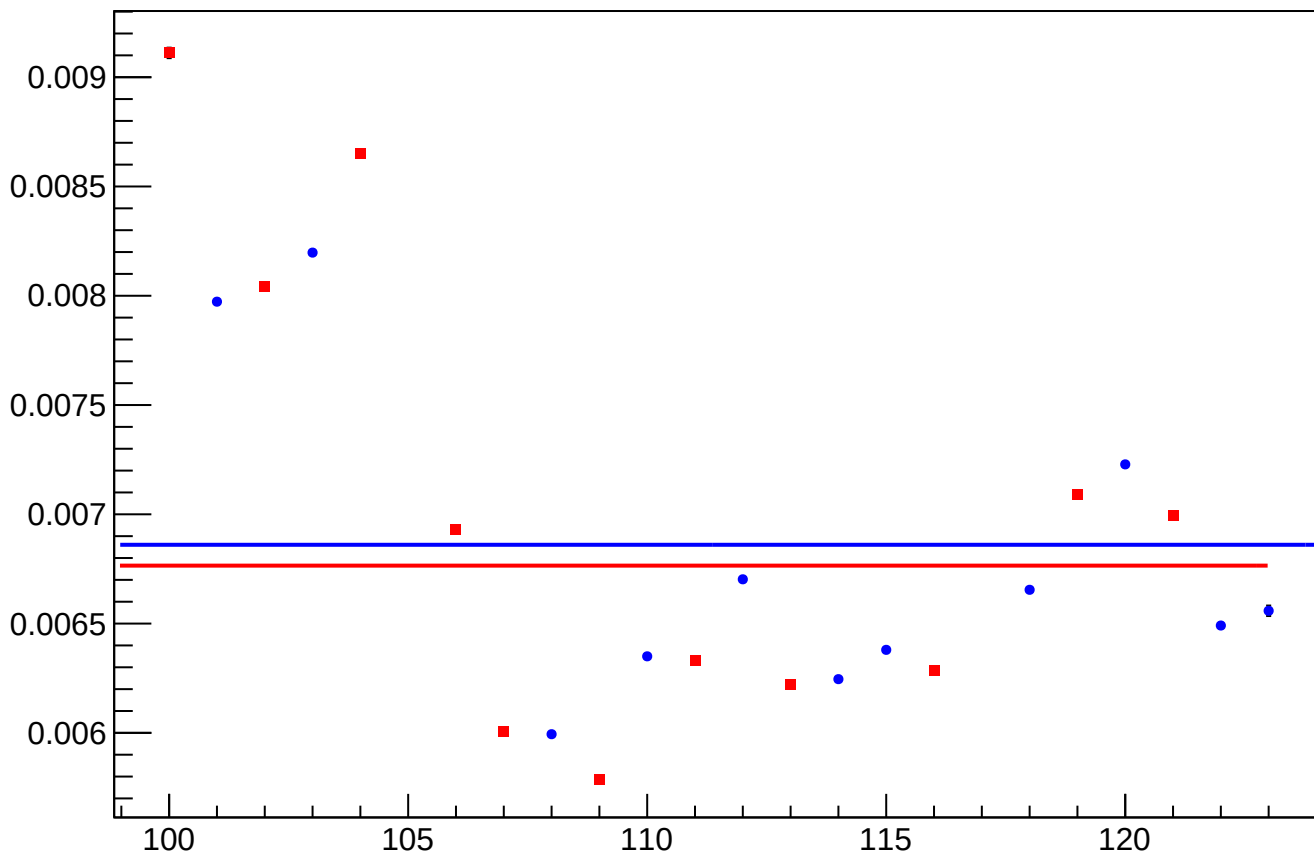
Right: 1.509+/-0.000 χ^2/NDF : 93898422588.3/21

In: 1.509+/-0.000 χ^2/NDF : 48628677660.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.509+/-0.000 χ^2/NDF : 93898422588.3/21

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 88905.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 148810.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

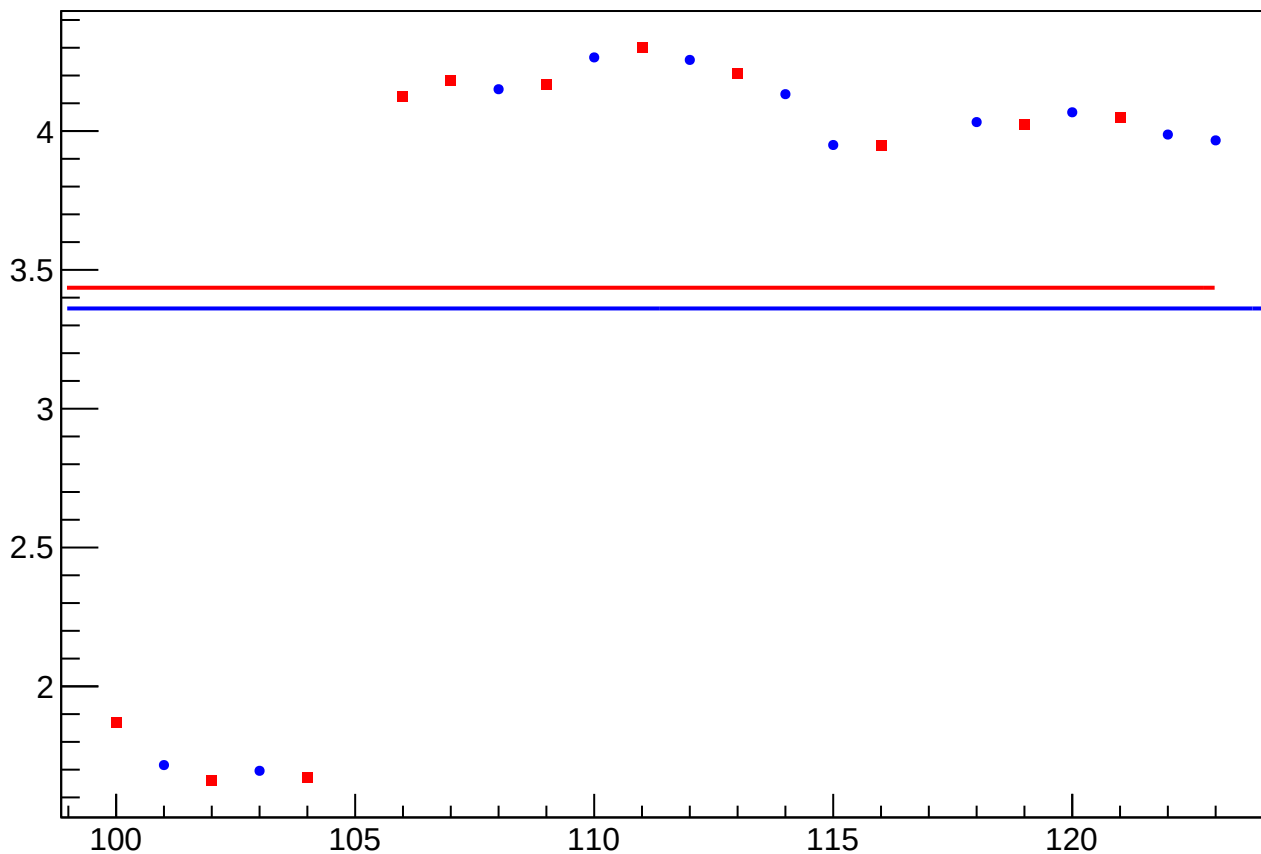
Right: 0.007+/-0.000 χ^2/NDF : 238558.2/21

In: 0.007+/-0.000 χ^2/NDF :88905.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 238558.2/21

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.361+/-0.000 χ^2/NDF : 181319045437.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.436+/-0.000 χ^2/NDF : 194469516089.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

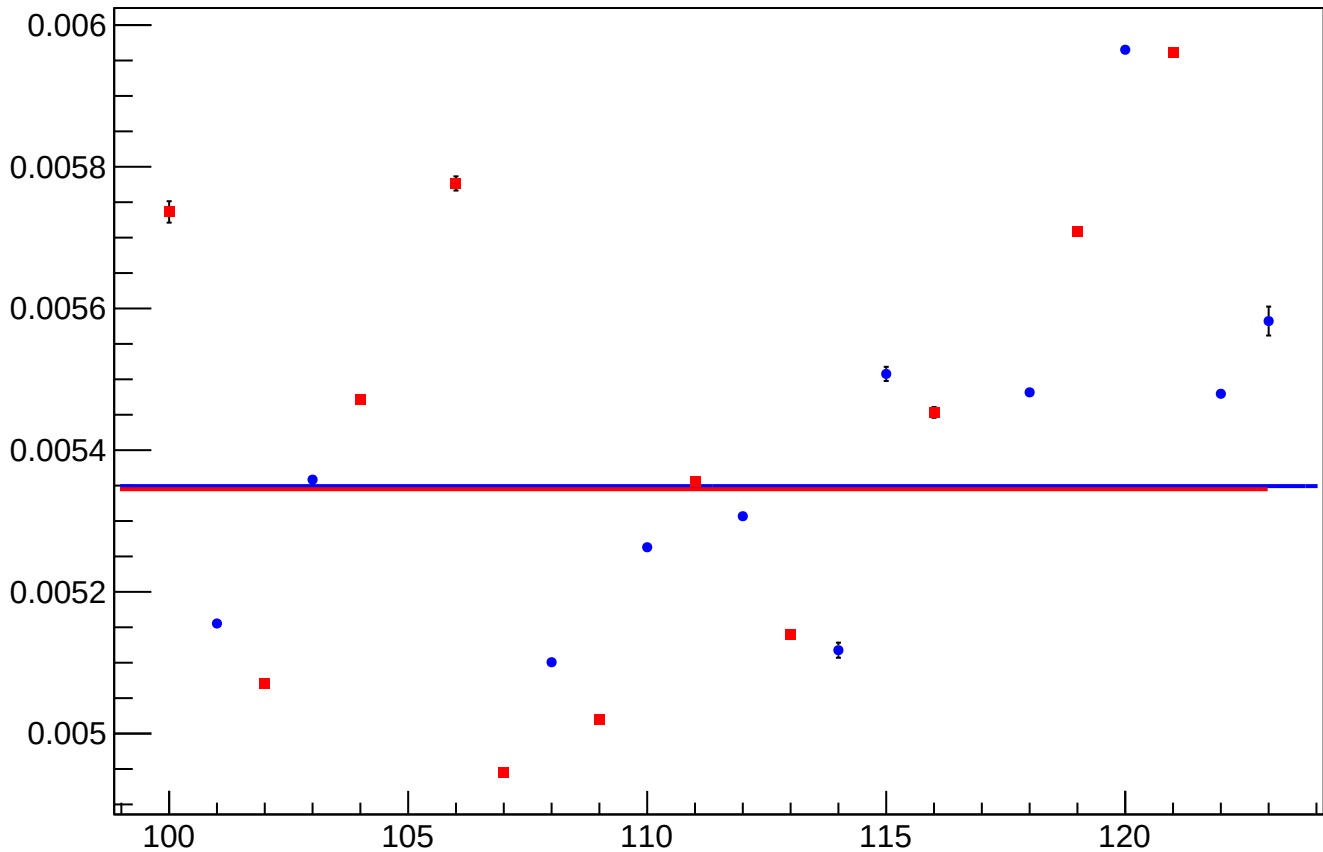
Right: 3.400+/-0.000 χ^2/NDF : 376206315849.6/21

In: 3.361+/-0.000 χ^2/NDF : 181319045437.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.400+/-0.000 χ^2/NDF : 376206315849.6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 13375.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 31322.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

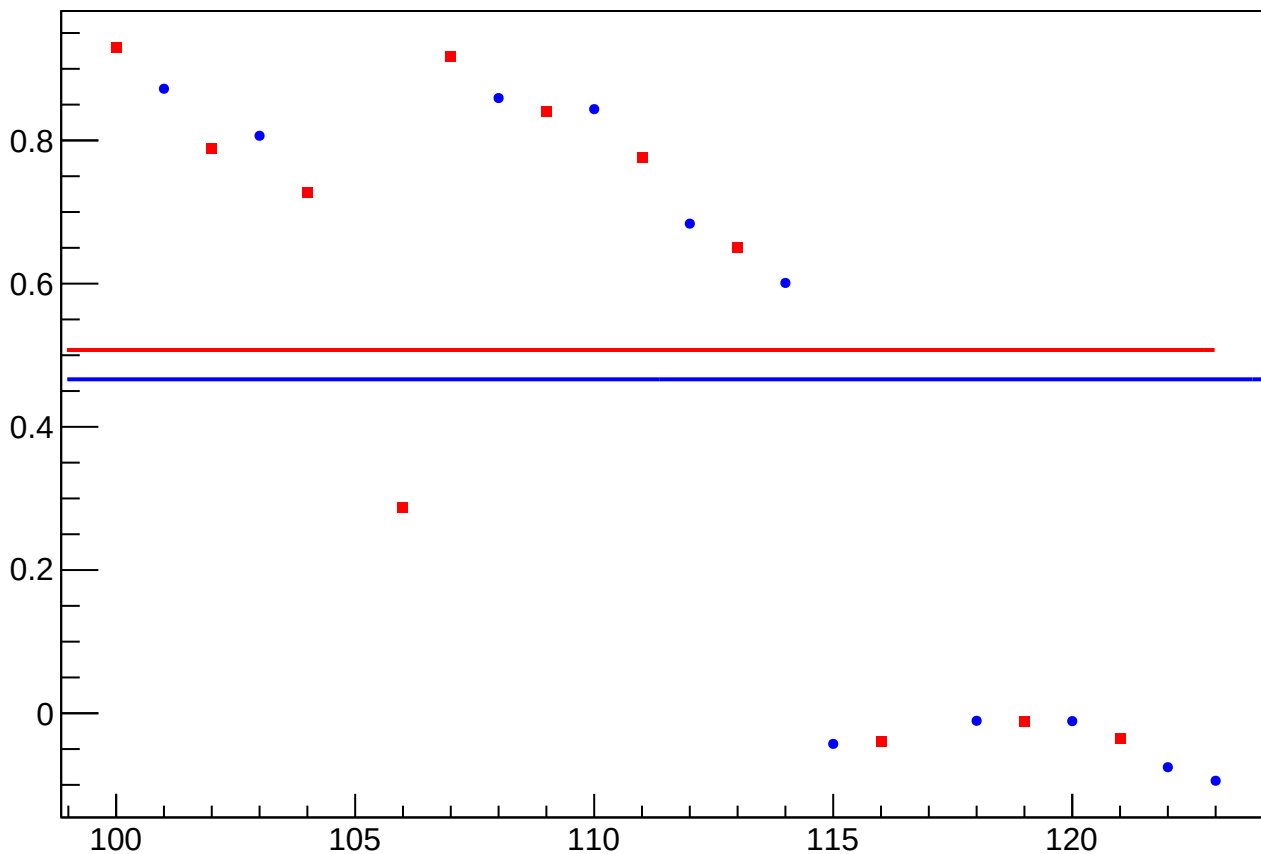
Right: 0.005+/-0.000 χ^2/NDF : 44701.1/21

In: 0.005+/-0.000 χ^2/NDF : 13375.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 44701.1/21

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.466+/-0.000 χ^2/NDF : 3541534776.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.507+/-0.000 χ^2/NDF : 3160838760.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

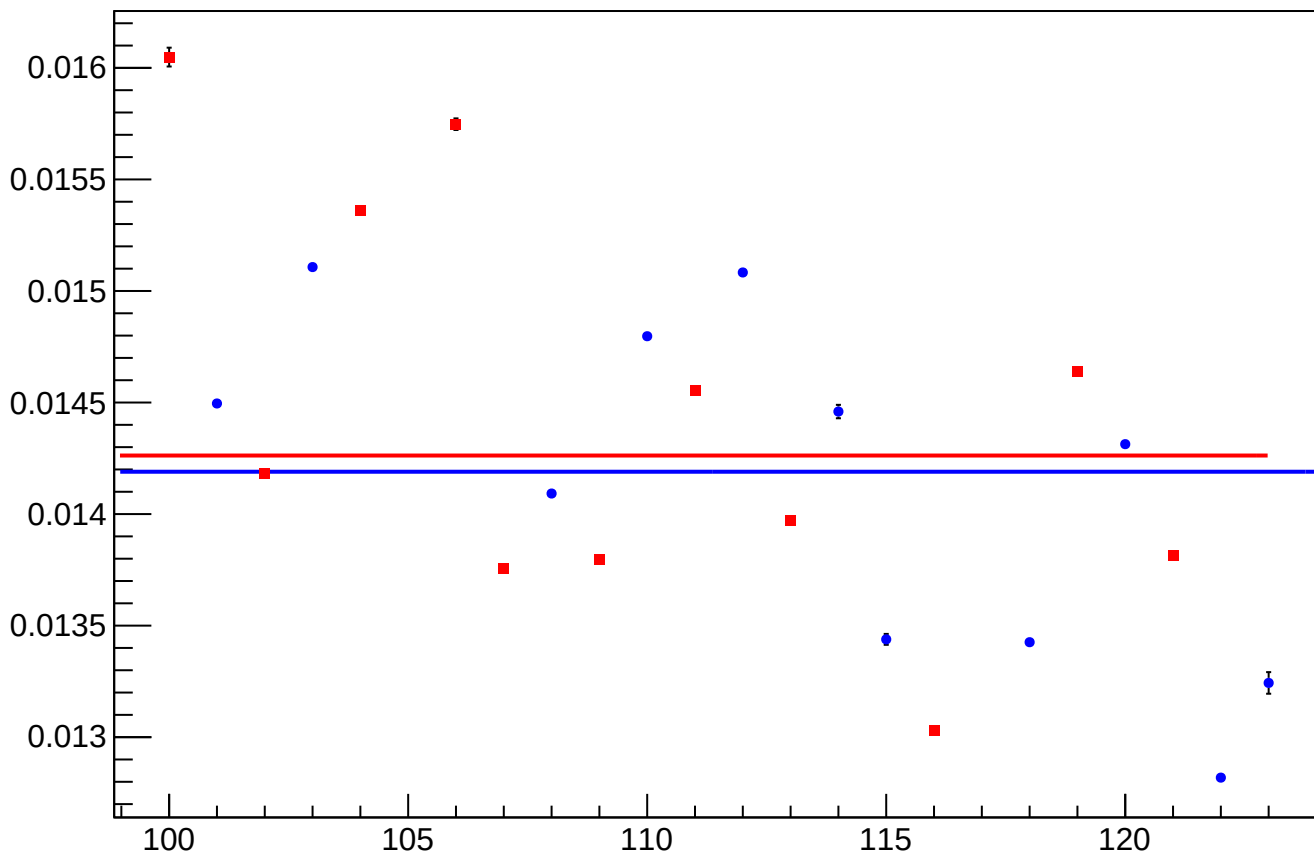
Right: 0.488+/-0.000 χ^2/NDF : 6720120588.3/21

In: 0.466+/-0.000 χ^2/NDF :3541534776.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.488+/-0.000 χ^2/NDF : 6720120588.3/21

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 23967.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 19480.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

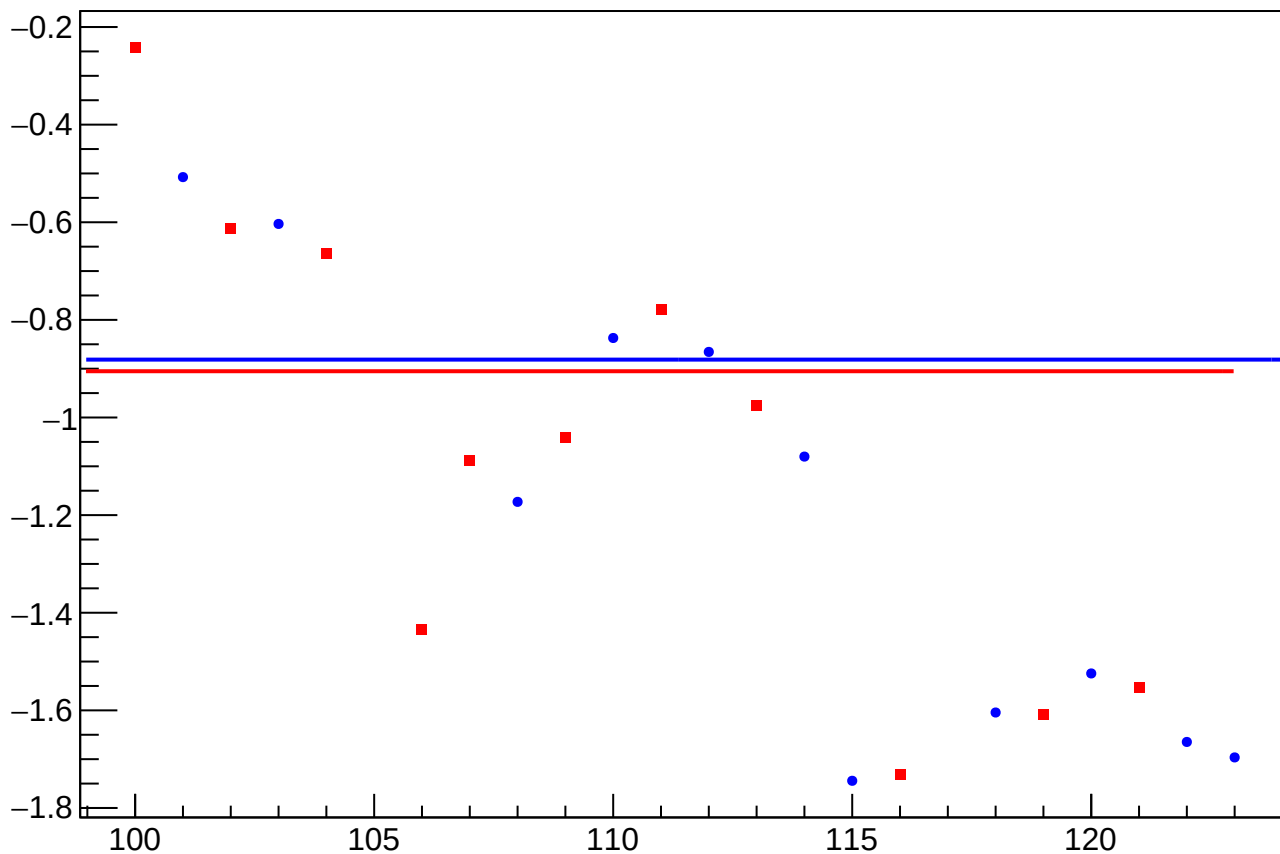
Right: 0.014+/-0.000 χ^2/NDF : 43559.2/21

In: 0.014+/-0.000 χ^2/NDF : 23967.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 43559.2/21

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.881+/-0.000 χ^2/NDF : 26967164975.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.905+/-0.000 χ^2/NDF : 22323965860.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

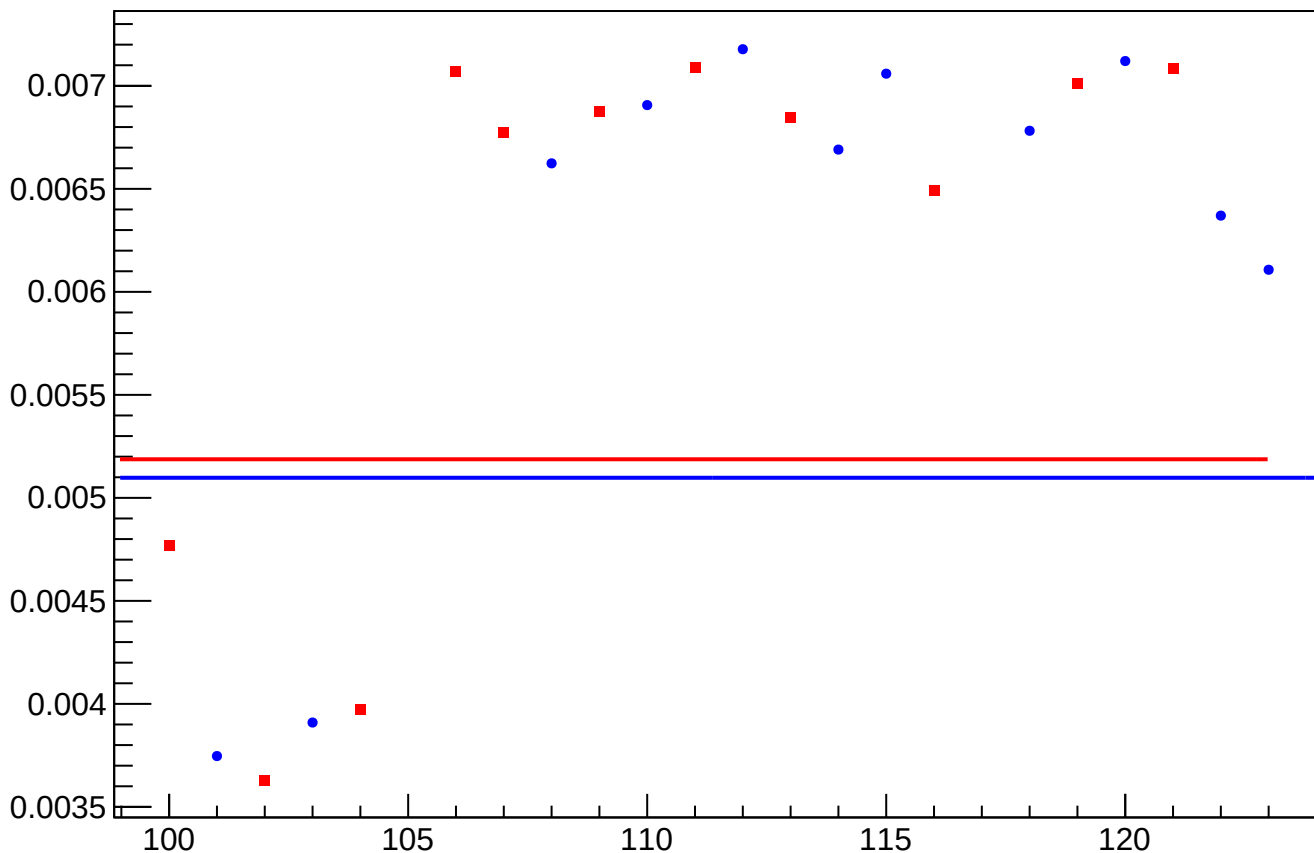
Right: -0.894+/-0.000 χ^2/NDF : 49330944930.1/21

In: -0.881+/-0.000 χ^2/NDF : 26967164975.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.894+/-0.000 χ^2/NDF : 49330944930.1/21

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 607469.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 705841.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

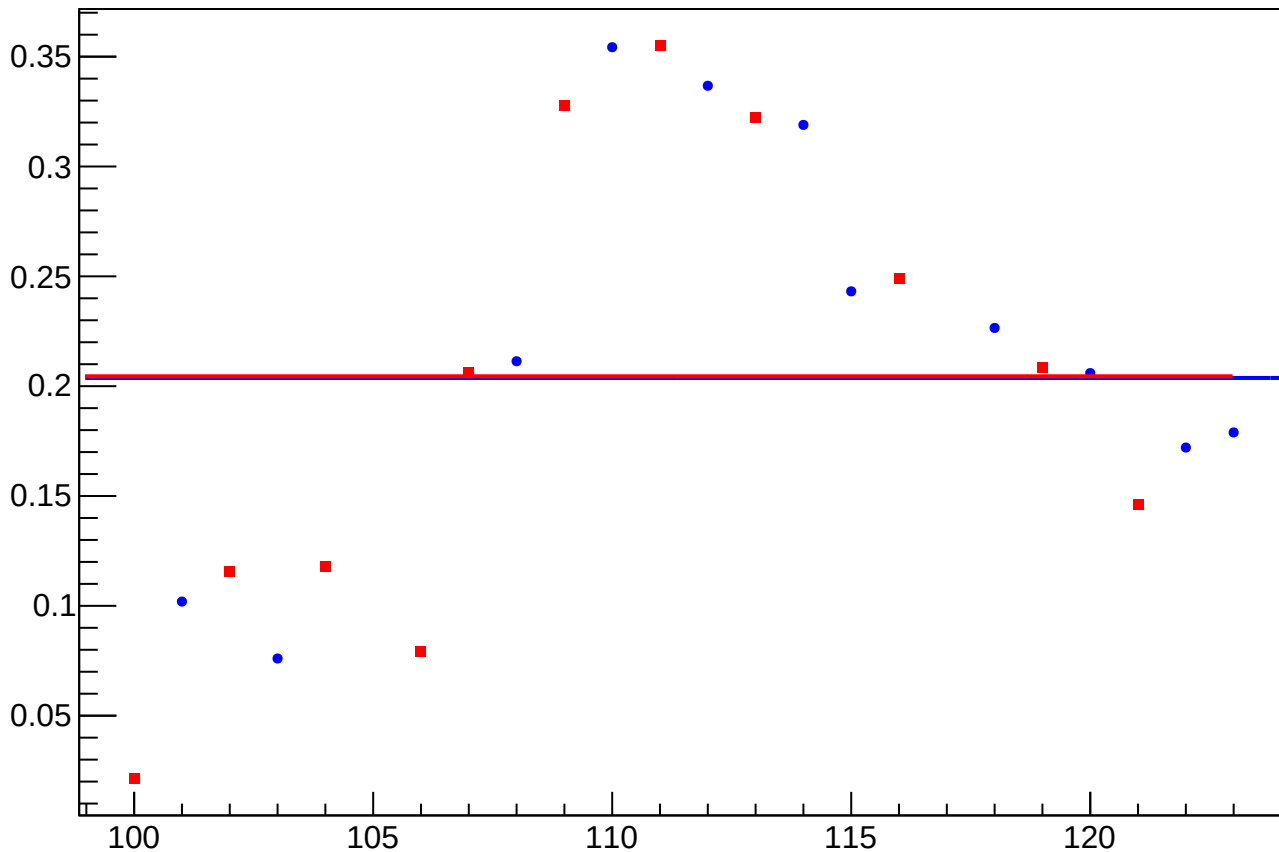
Right: 0.005+/-0.000 χ^2/NDF : 1314443.1/21

In: 0.005+/-0.000 χ^2/NDF :607469.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1314443.1/21

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.204+/-0.000

χ^2/NDF : 14385260674.3/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.204+/-0.000 χ^2/NDF : 34327461039.9/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.204+/-0.000 χ^2/NDF : 14385260674.3/10

Right Out: 0.205+/-0.000

χ^2/NDF : 19941615497.3/10

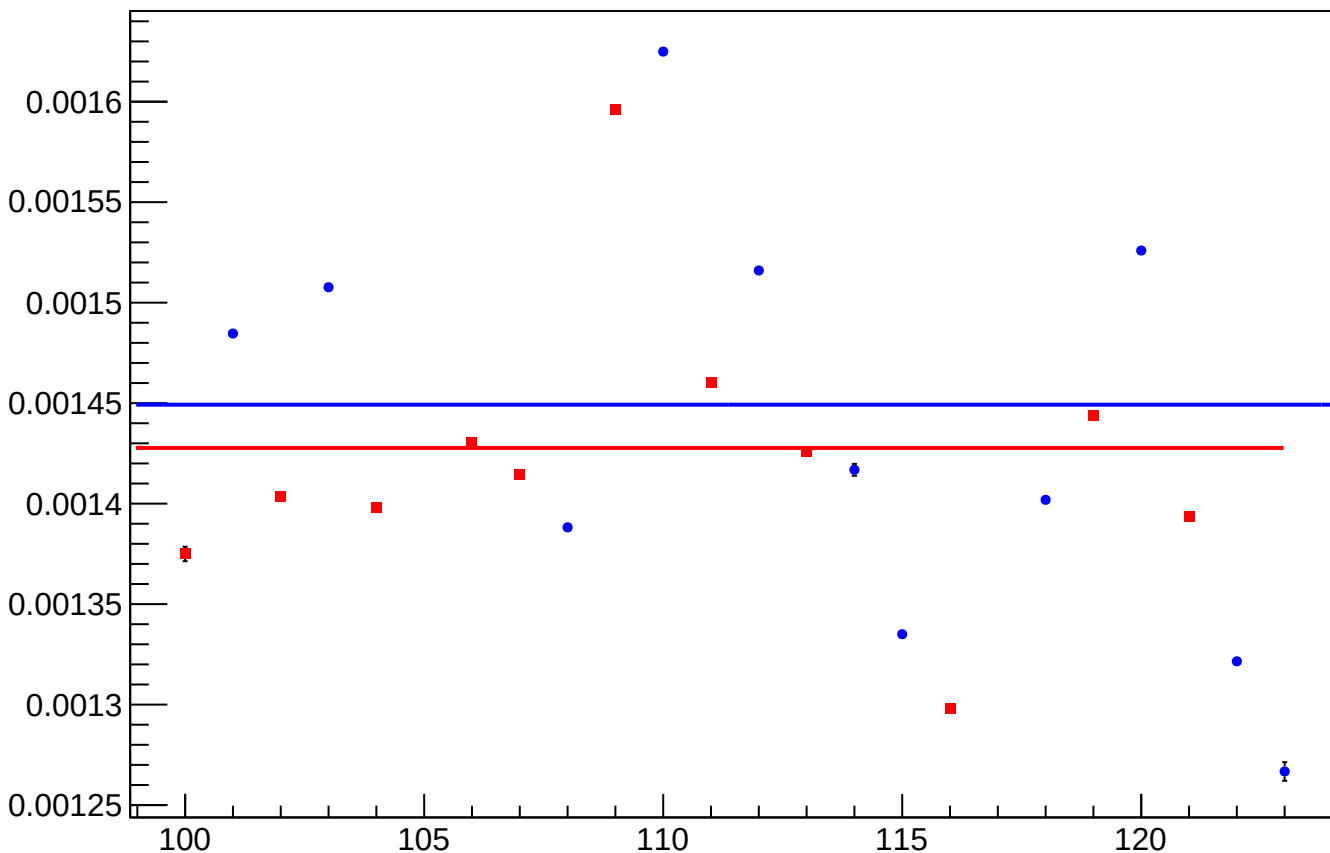
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.204+/-0.000 χ^2/NDF : 34327461039.9/21

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 28119.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 18875.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

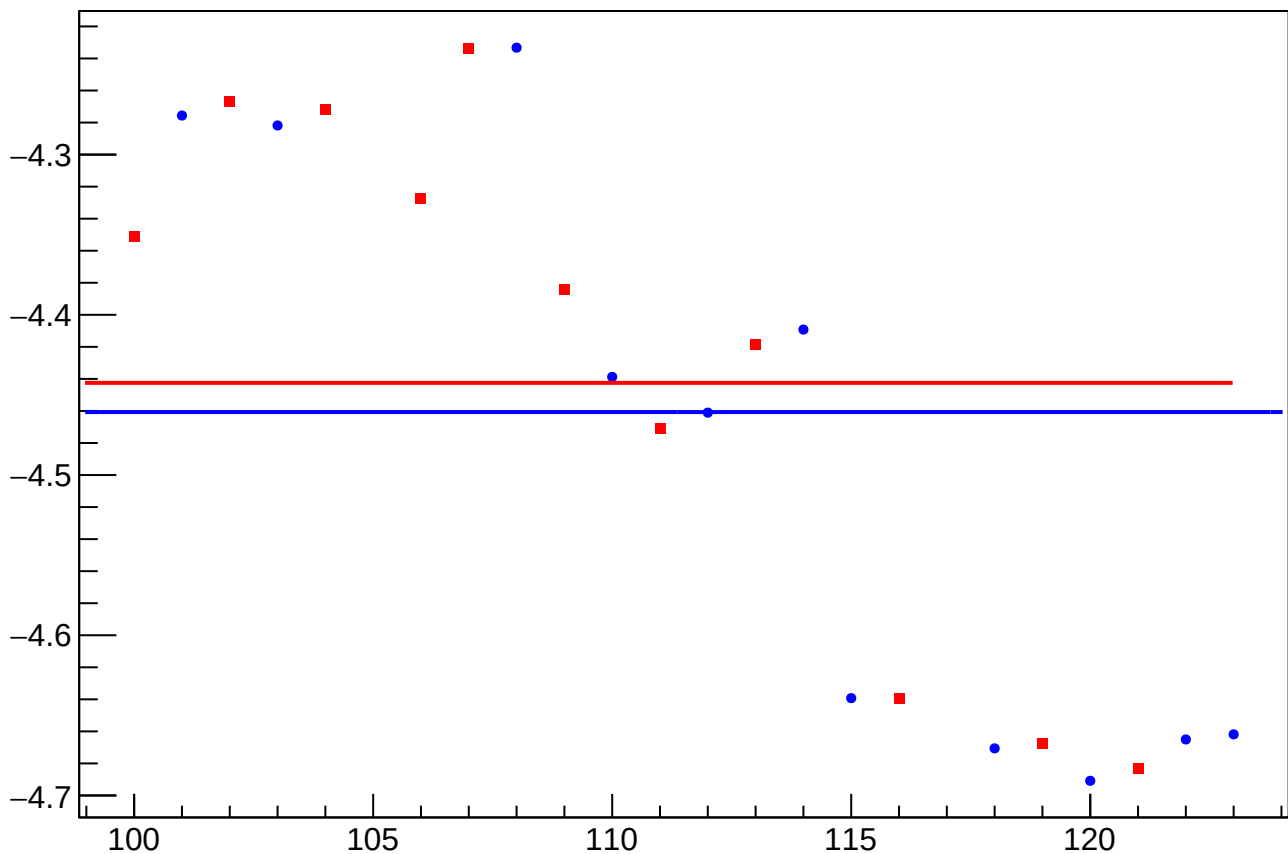
Right: 0.001+/-0.000 χ^2/NDF : 47925.4/21

In: 0.001+/-0.000 χ^2/NDF :28119.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 47925.4/21

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.461+/-0.000 χ^2/NDF : 46037979024.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.442+/-0.000 χ^2/NDF : 40091638758.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

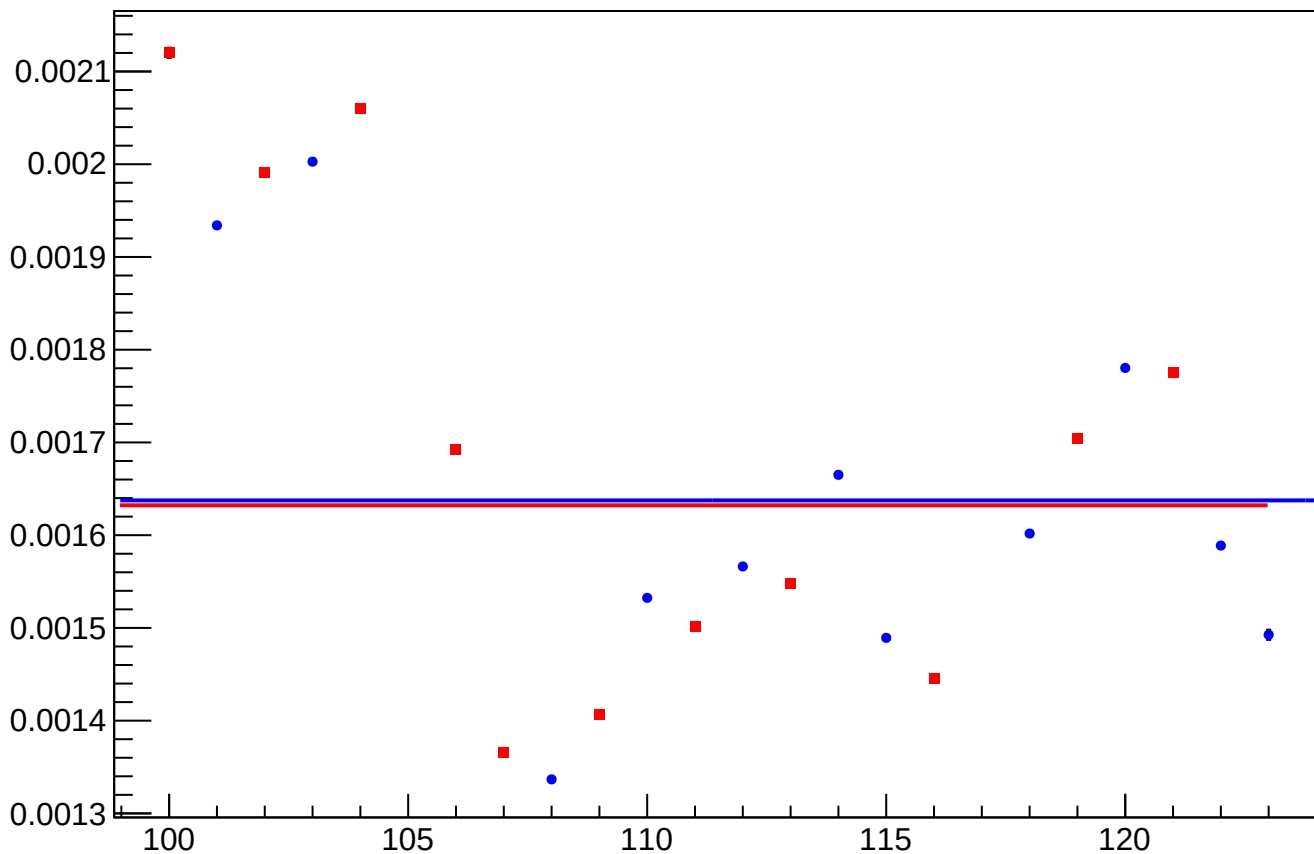
Right: -4.451+/-0.000 χ^2/NDF : 86389092066.0/21

In: -4.461+/-0.000 χ^2/NDF :46037979024.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.451+/-0.000 χ^2/NDF : 86389092066.0/21

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 124652.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 165604.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

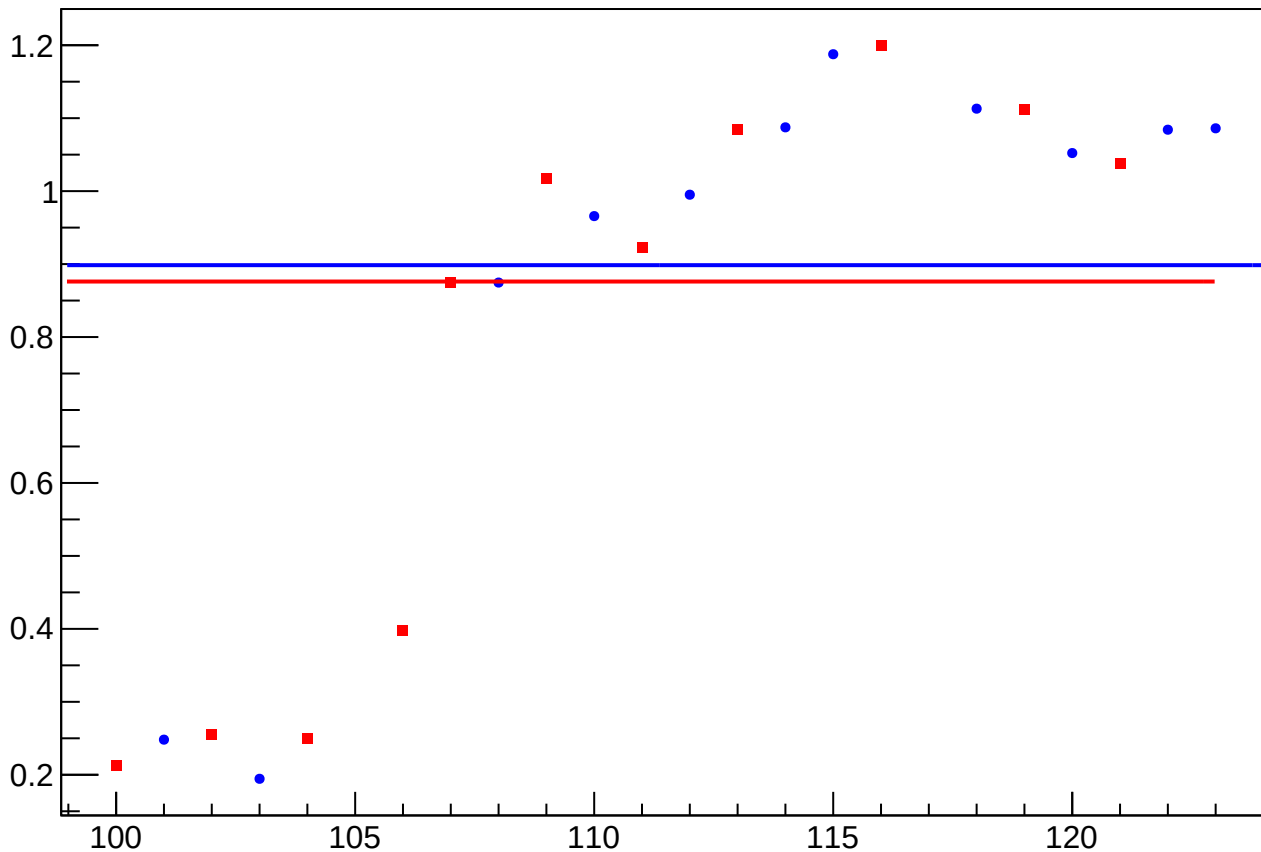
Right: 0.002+/-0.000 χ^2/NDF : 290299.9/21

In: 0.002+/-0.000 χ^2/NDF : 124652.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 290299.9/21

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.899+/-0.000 χ^2/NDF : 9615759844.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.876+/-0.000 χ^2/NDF : 12257622516.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

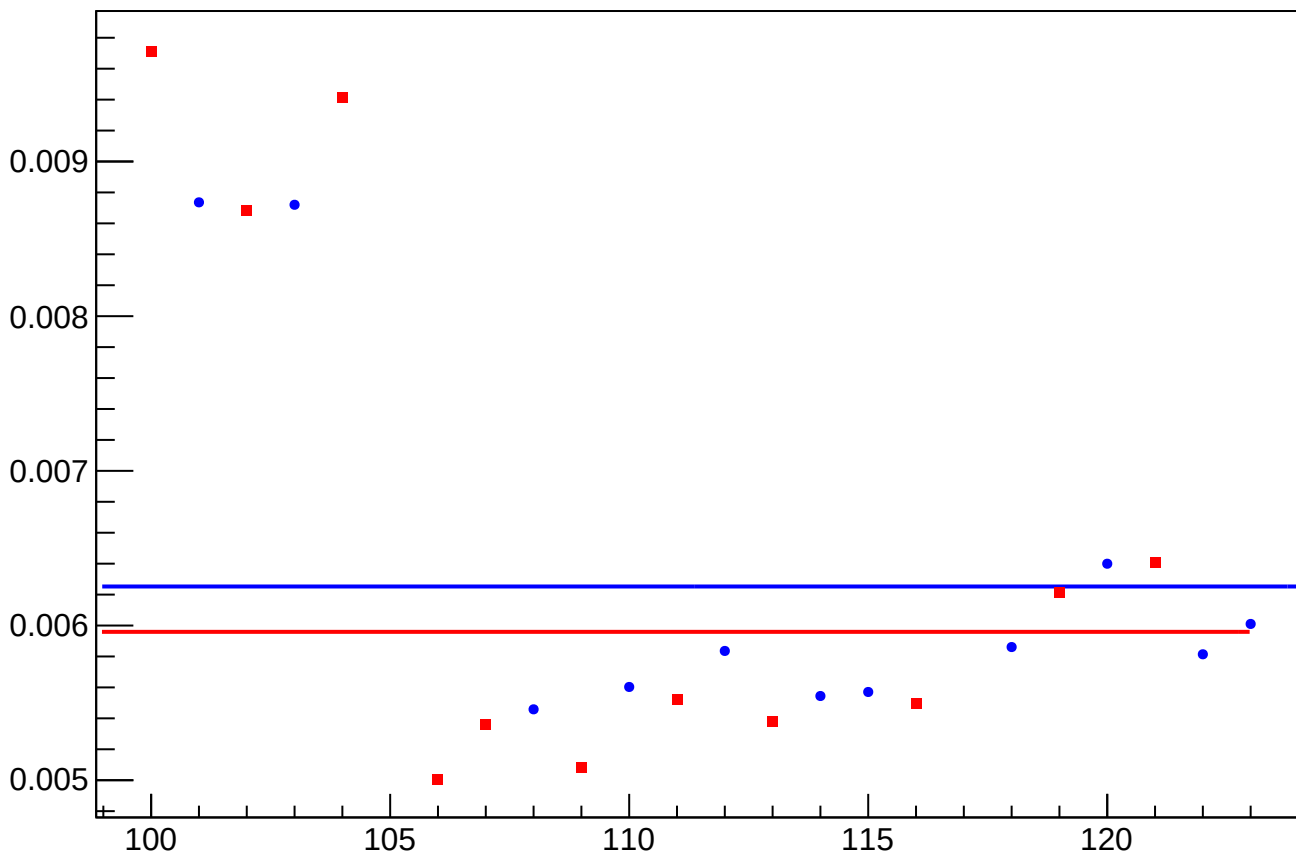
Right: 0.886+/-0.000 χ^2/NDF : 21901698535.0/21

In: 0.899+/-0.000 χ^2/NDF : 9615759844.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.886+/-0.000 χ^2/NDF : 21901698535.0/21

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 251082.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 378074.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

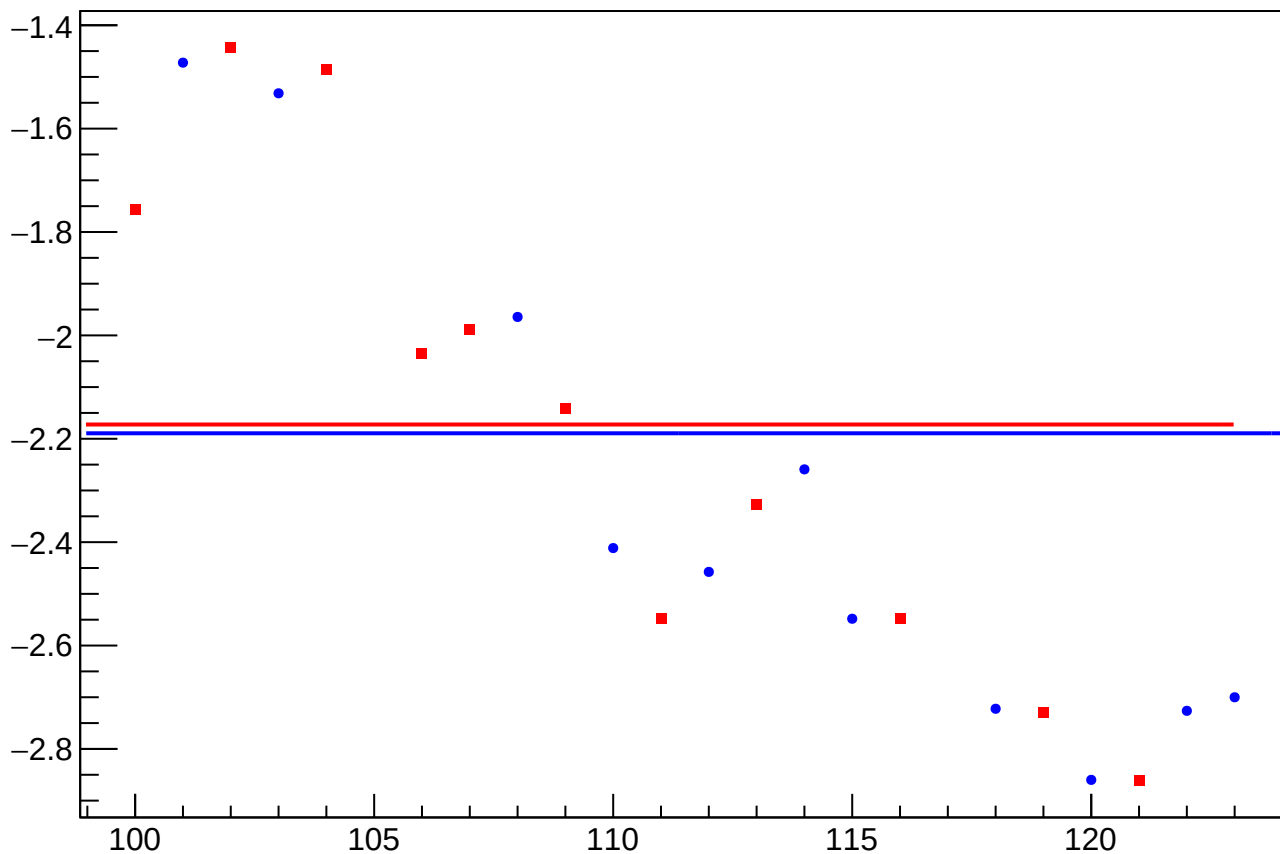
Right: 0.006+/-0.000 χ^2/NDF : 638833.4/21

In: 0.006+/-0.000 χ^2/NDF :251082.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 638833.4/21

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.189+/-0.000 χ^2/NDF : 34324775347.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.172+/-0.000 χ^2/NDF : 33236051508.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

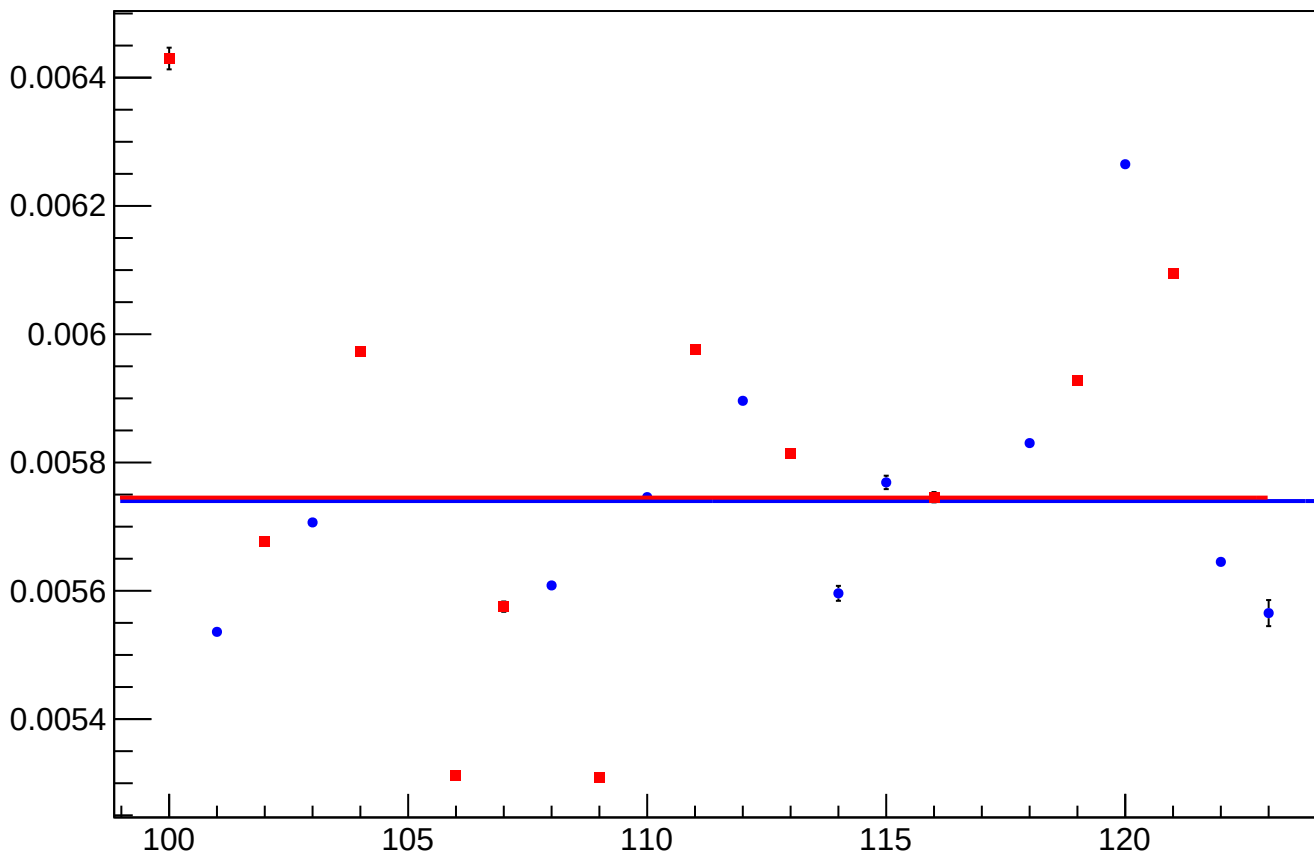
Right: -2.180+/-0.000 χ^2/NDF : 67579968898.8/21

In: -2.189+/-0.000 χ^2/NDF : 34324775347.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.180+/-0.000 χ^2/NDF : 67579968898.8/21

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8578.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 21064.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

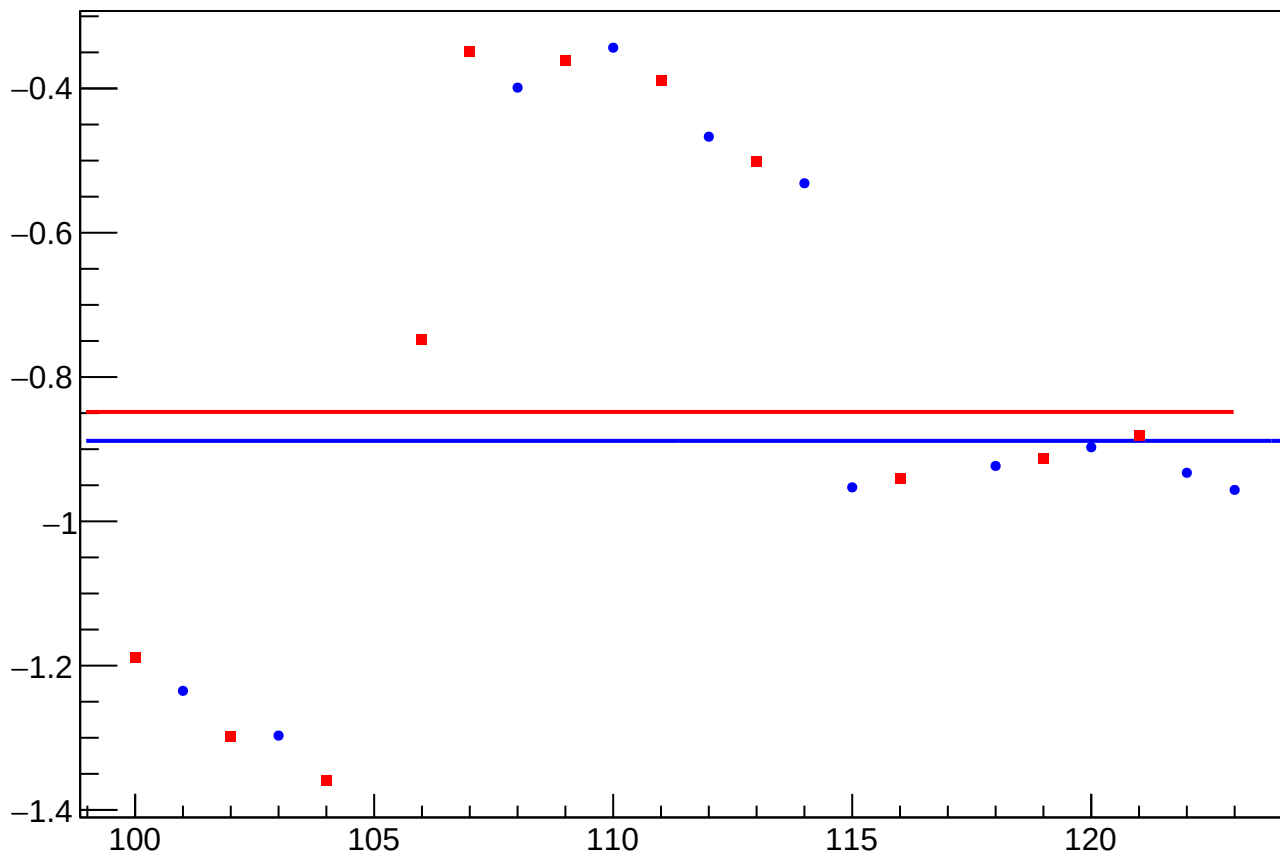
Right: 0.006+/-0.000 χ^2/NDF : 29646.2/21

In: 0.006+/-0.000 χ^2/NDF : 8578.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 29646.2/21

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.888+/-0.000 χ^2/NDF : 4112154386.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.848+/-0.000 χ^2/NDF : 5652718298.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

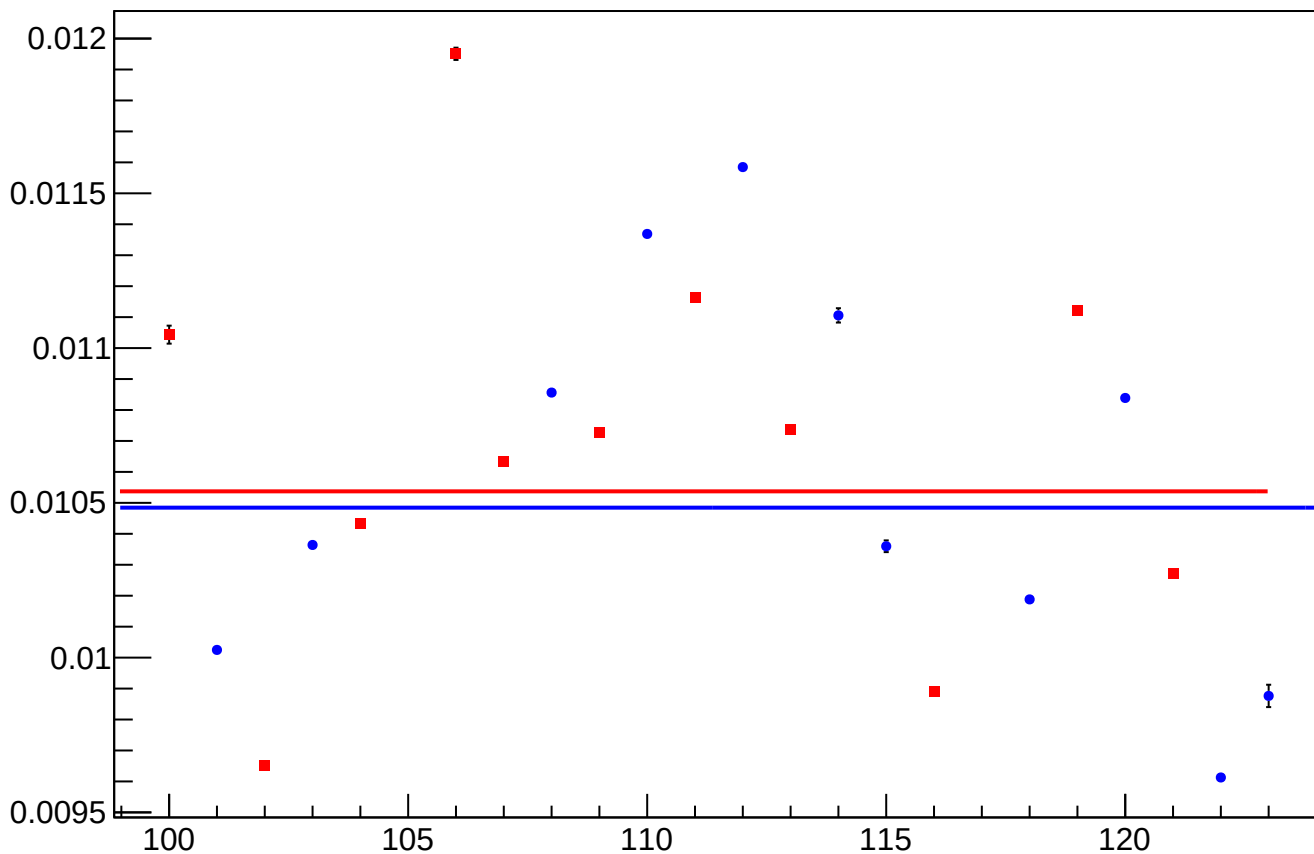
Right: -0.868+/-0.000 χ^2/NDF : 9795739186.3/21

In: -0.888+/-0.000 χ^2/NDF :4112154386.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.868+/-0.000 χ^2/NDF : 9795739186.3/2

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 26409.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 26426.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

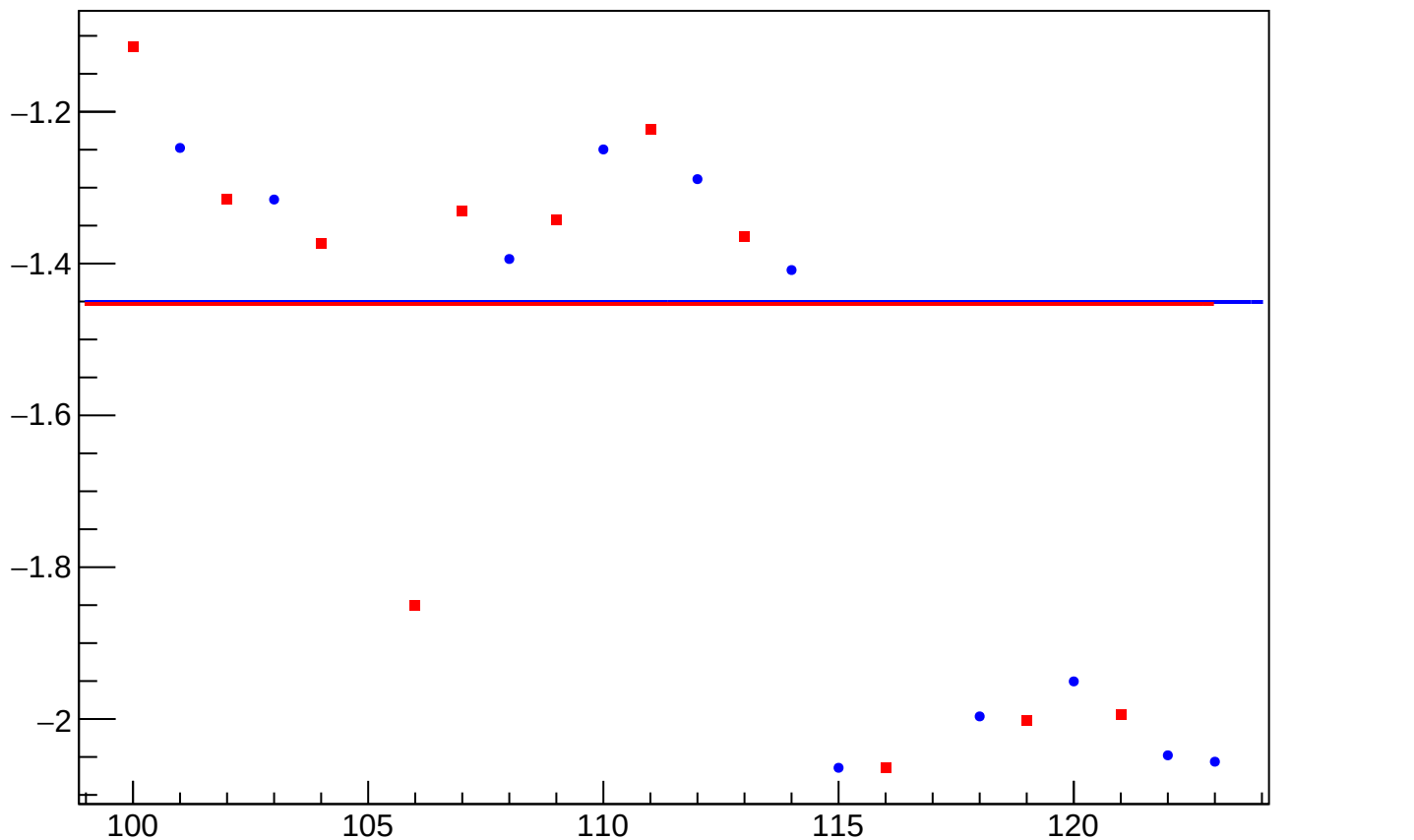
Right: 0.011+/-0.000 χ^2/NDF : 52943.0/21

In: 0.010+/-0.000 χ^2/NDF :26409.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 52943.0/21

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.451+/-0.000 χ^2/NDF : 61545350836.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.453+/-0.000 χ^2/NDF : 55309117488.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

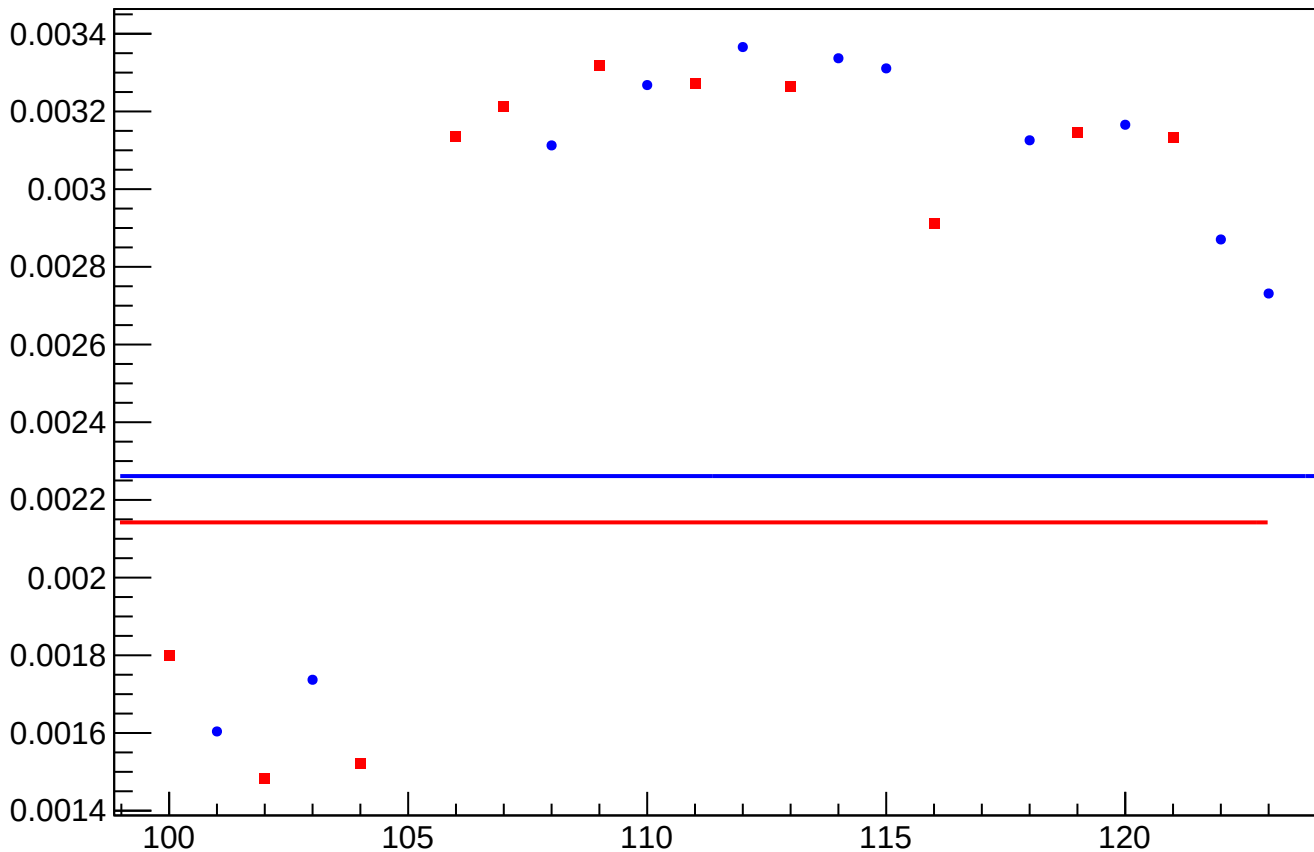
Right: -1.452+/-0.000 χ^2/NDF : 116856872729.3/21

In: -1.451+/-0.000 χ^2/NDF :61545350836.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.452+/-0.000 χ^2/NDF : 116856872729.3

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 718048.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1031160.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

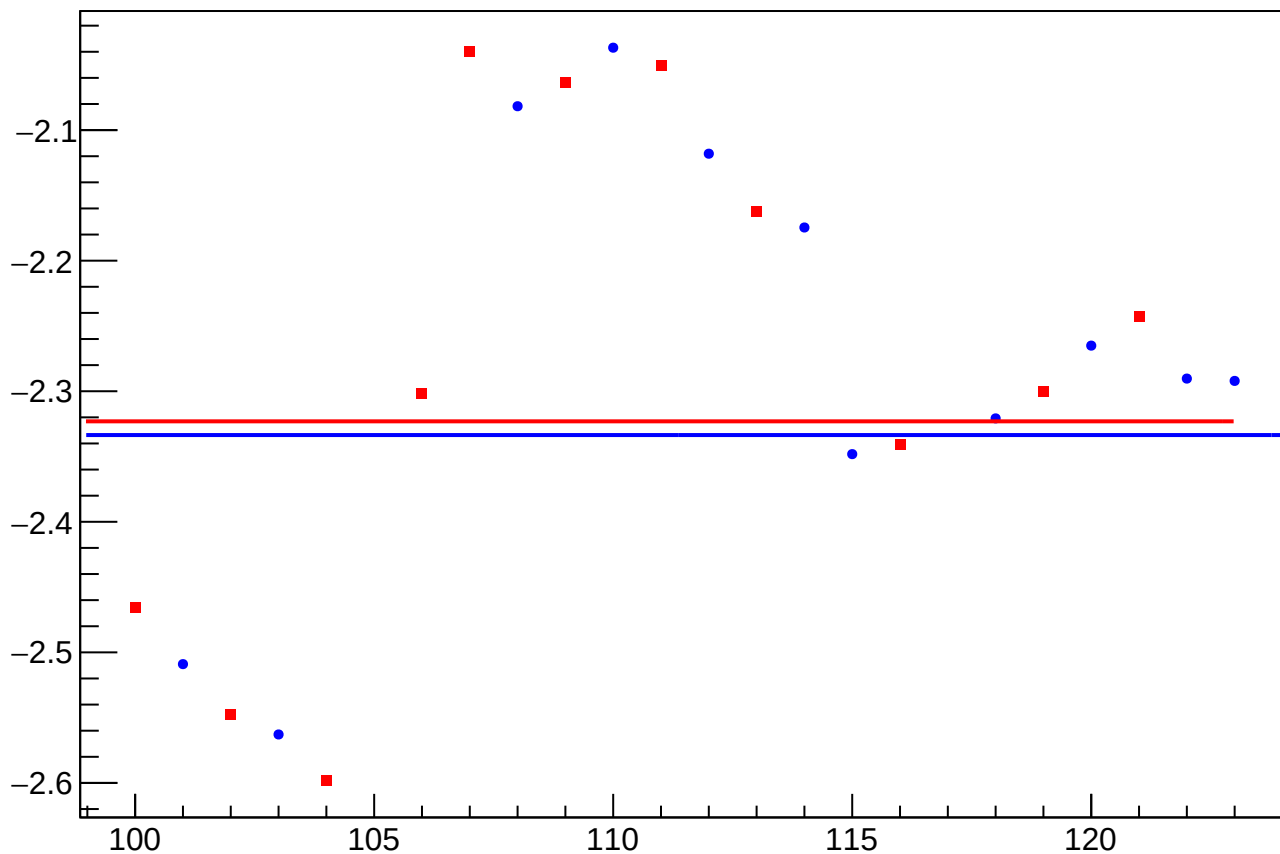
Right: 0.002+/-0.000 χ^2/NDF : 1759342.9/21

In: 0.002+/-0.000 χ^2/NDF :718048.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1759342.9/21

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.334+/-0.000 χ^2/NDF : 3219486709.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.323+/-0.000 χ^2/NDF : 4528467479.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

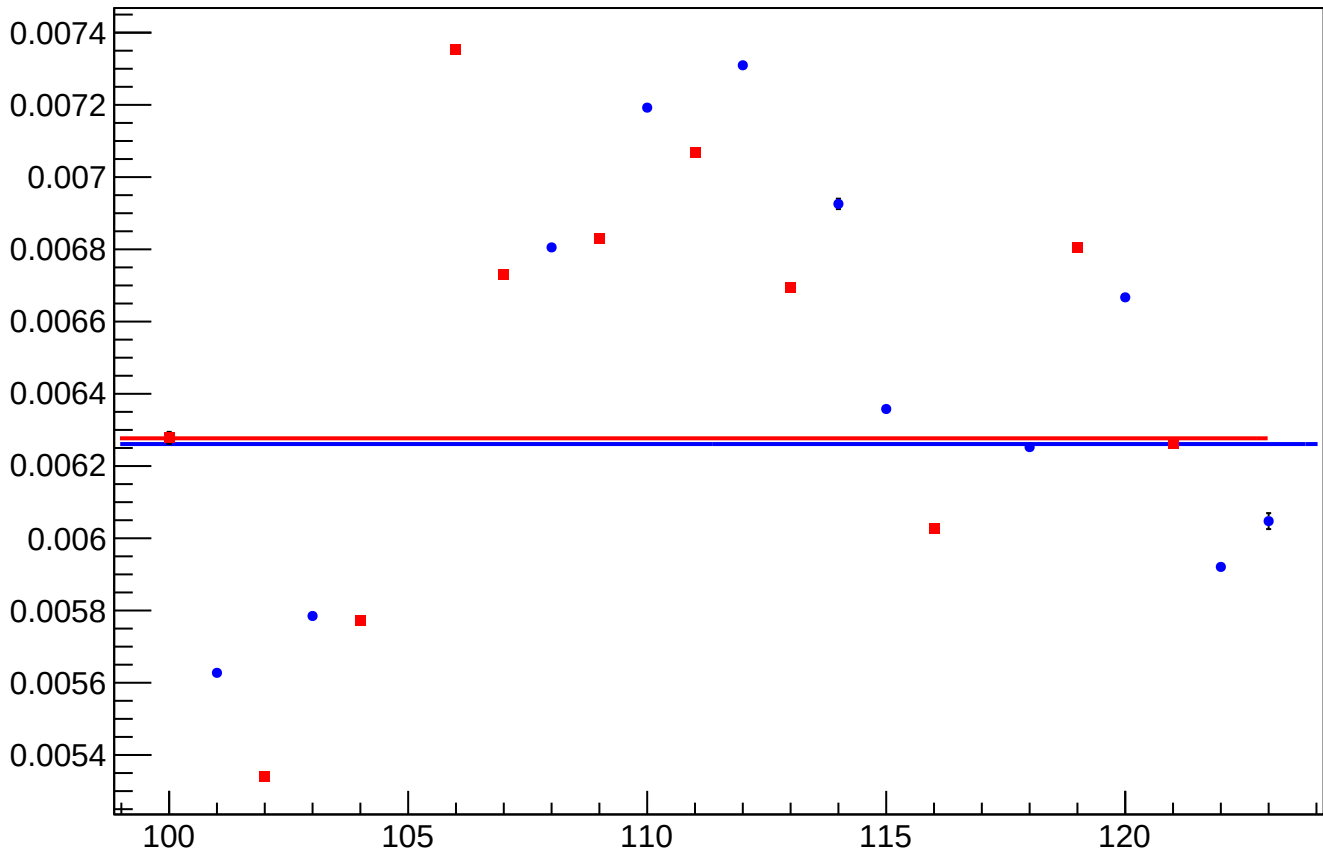
Right: -2.328+/-0.000 χ^2/NDF : 7753805306.3/21

In: -2.334+/-0.000 χ^2/NDF : 3219486709.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.328+/-0.000 χ^2/NDF : 7753805306.3/21

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 68548.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 87621.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

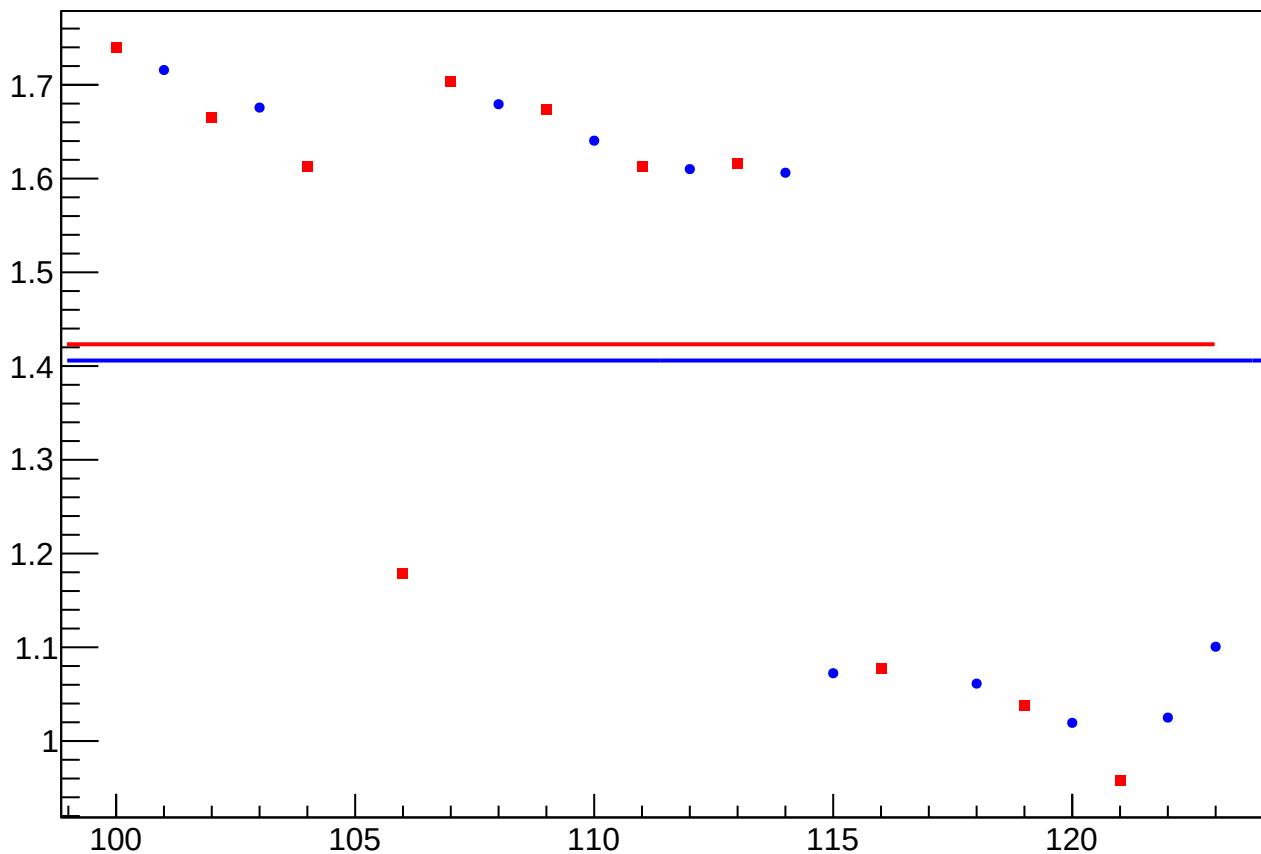
Right: 0.006+/-0.000 χ^2/NDF : 156197.6/21

In: 0.006+/-0.000 χ^2/NDF :68548.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 156197.6/21

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.406+/-0.000

χ^2/NDF : 84846721886.2/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.415+/-0.000

χ^2/NDF : 171397195133.3/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.406+/-0.000

χ^2/NDF : 84846721886.2/10

Right Out: 1.423+/-0.000

χ^2/NDF : 86409839503.5/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

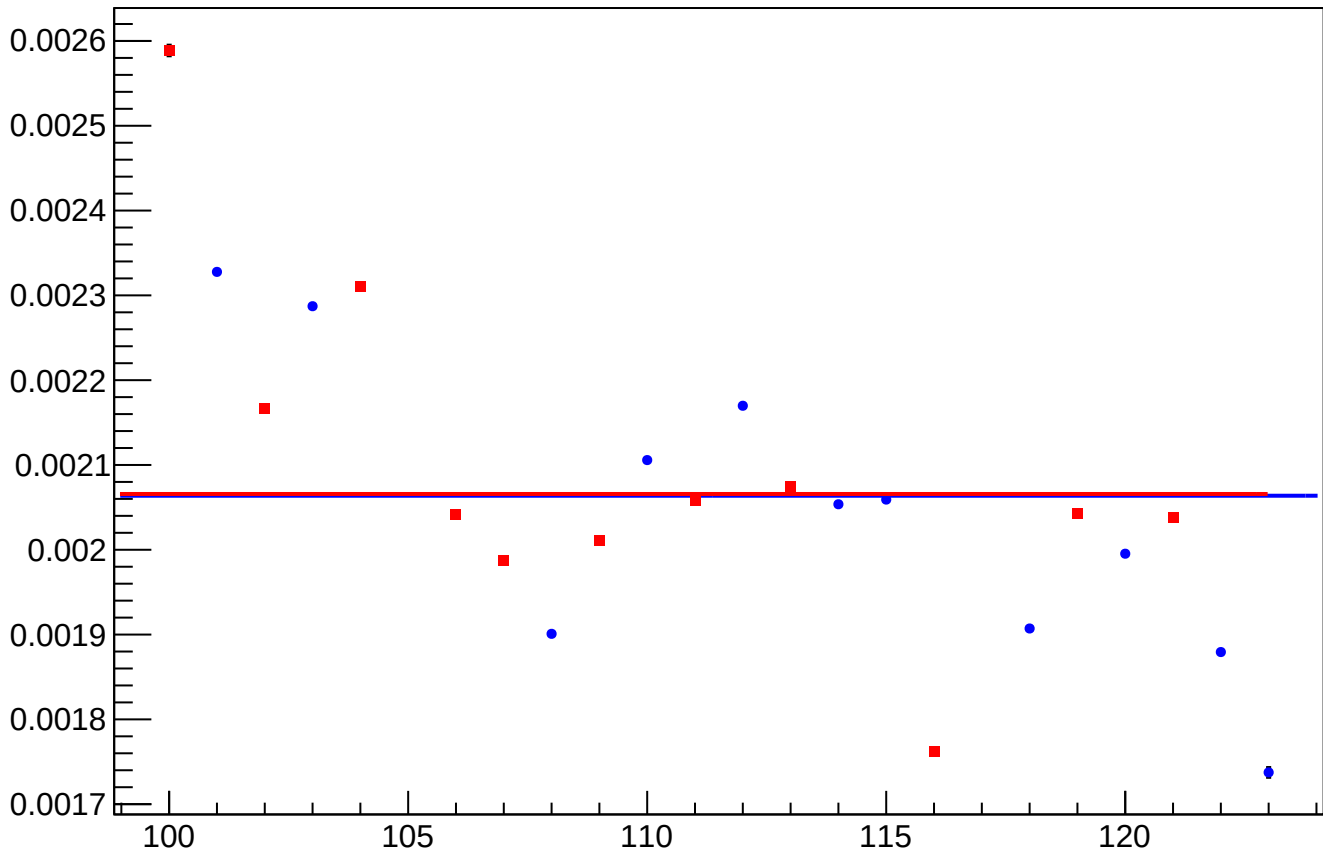
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.415+/-0.000

χ^2/NDF : 171397195133.3

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 52048.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 36440.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

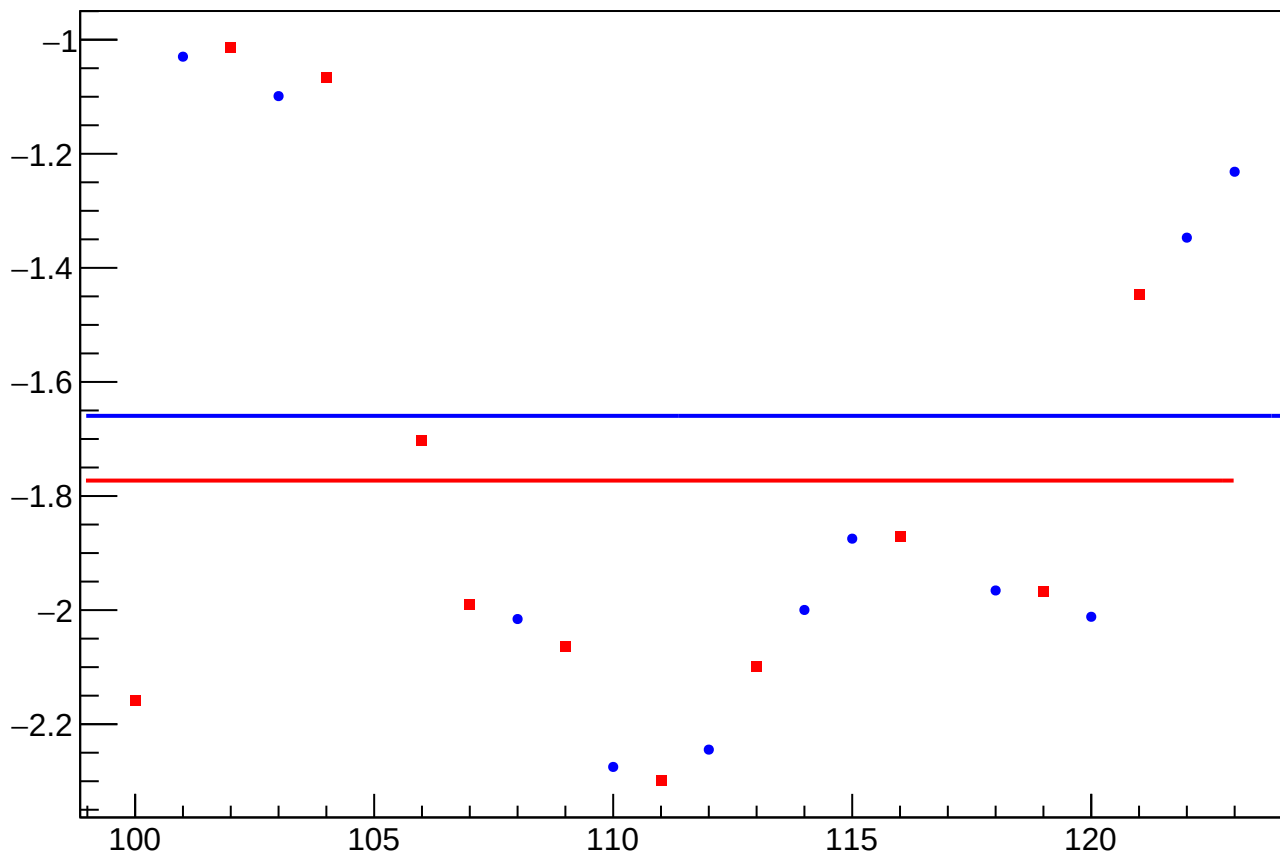
Right: 0.002+/-0.000 χ^2/NDF : 88492.7/21

In: 0.002+/-0.000 χ^2/NDF : 52048.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 88492.7/21

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.659+/-0.000 χ^2/NDF : 18008629344.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.773+/-0.000 χ^2/NDF : 20067925811.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

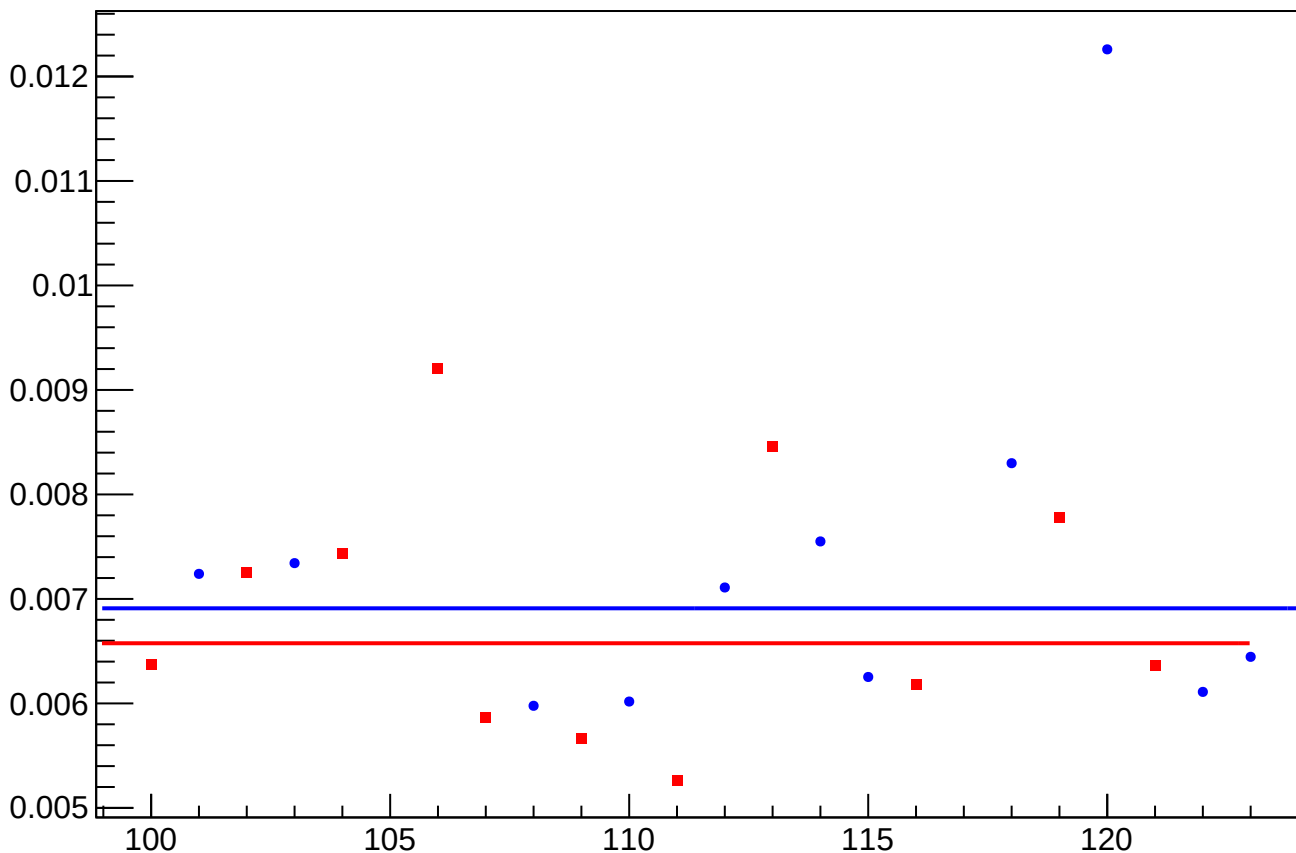
Right: -1.723+/-0.000 χ^2/NDF : 38617687536.8/21

In: -1.659+/-0.000 χ^2/NDF : 18008629344.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.723+/-0.000 χ^2/NDF : 38617687536.8/21

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 189946.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 219565.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

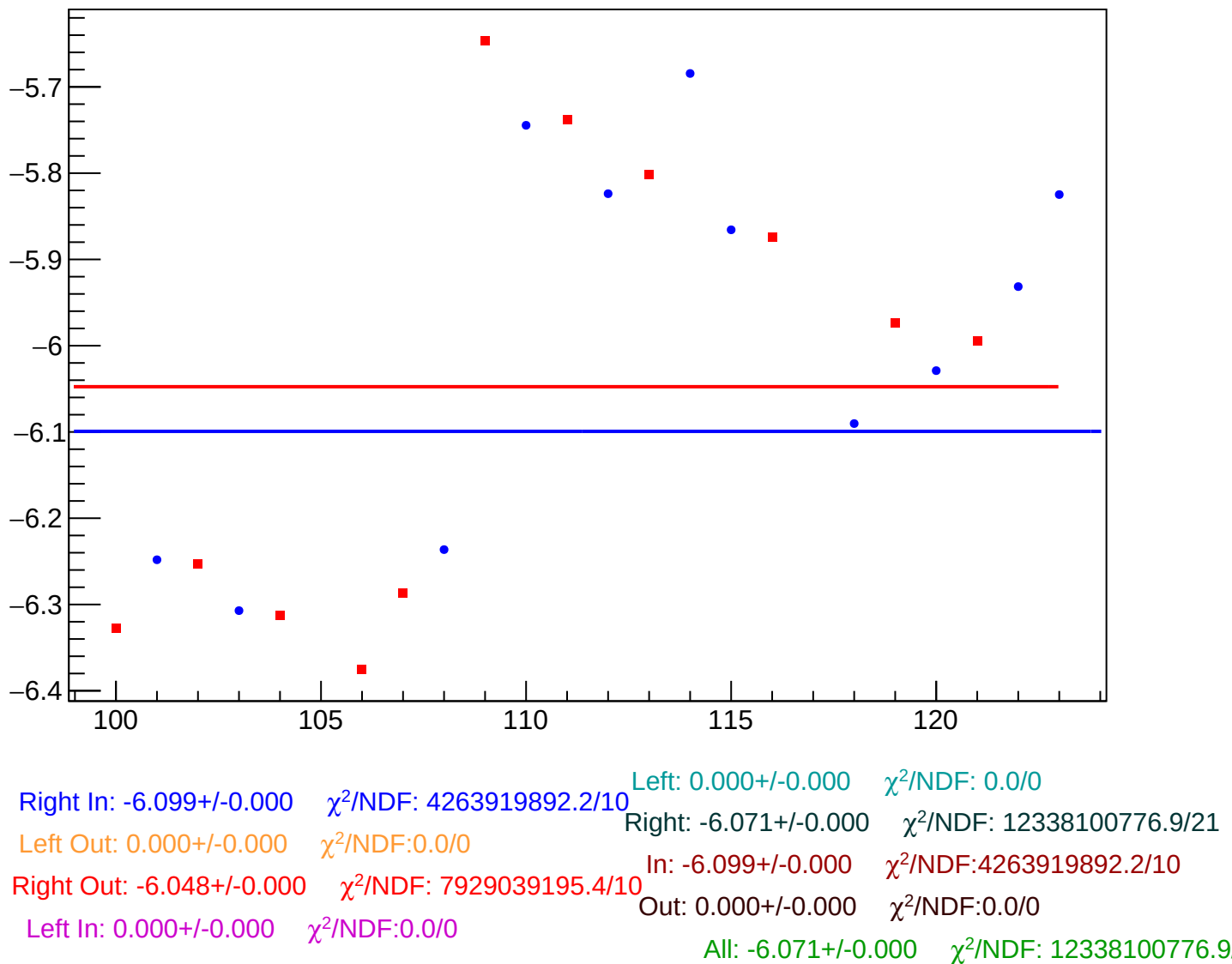
Right: 0.007+/-0.000 χ^2/NDF : 418913.9/21

In: 0.007+/-0.000 χ^2/NDF : 189946.7/10

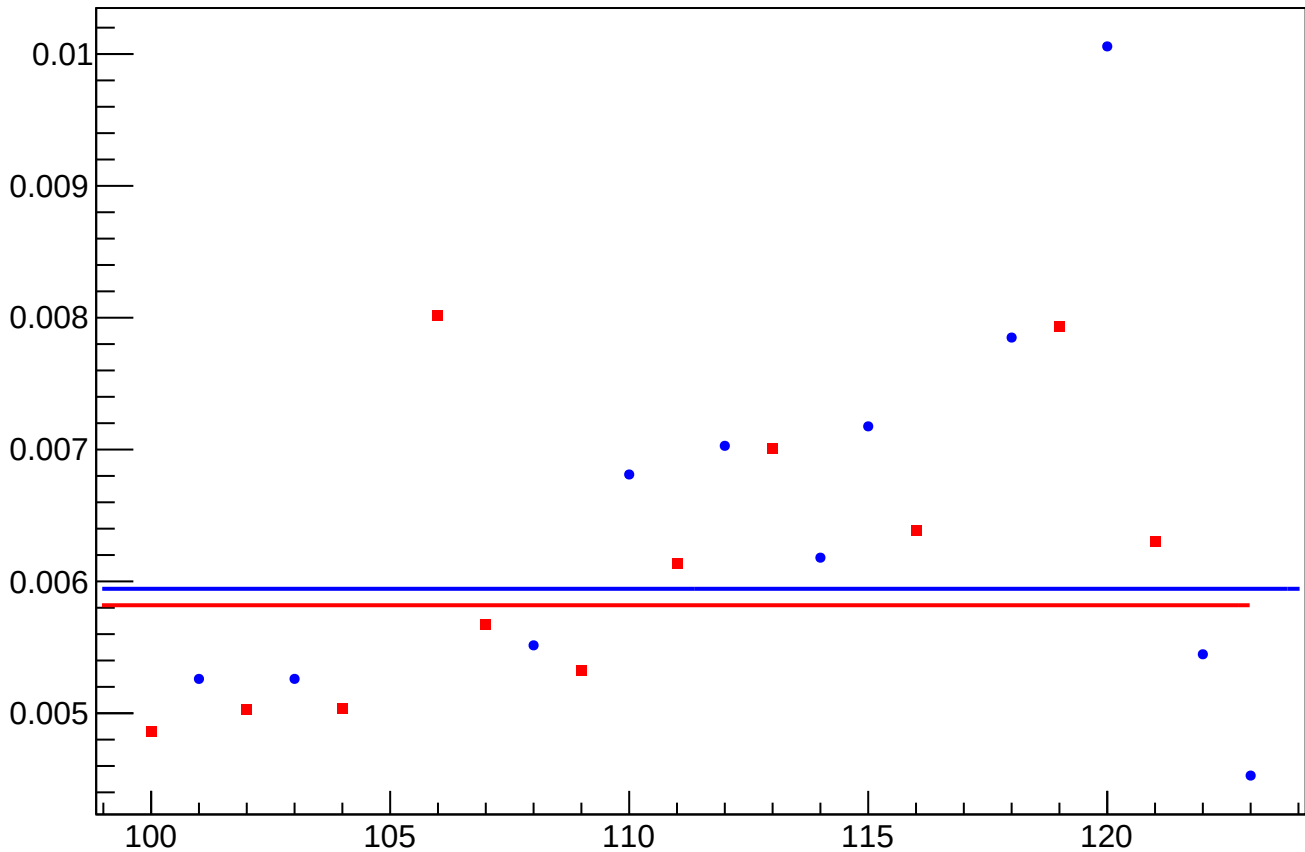
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 418913.9/21

yield_bpm0l01Y_mean vs Slug, Sign Corrected



yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 244783.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 212168.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

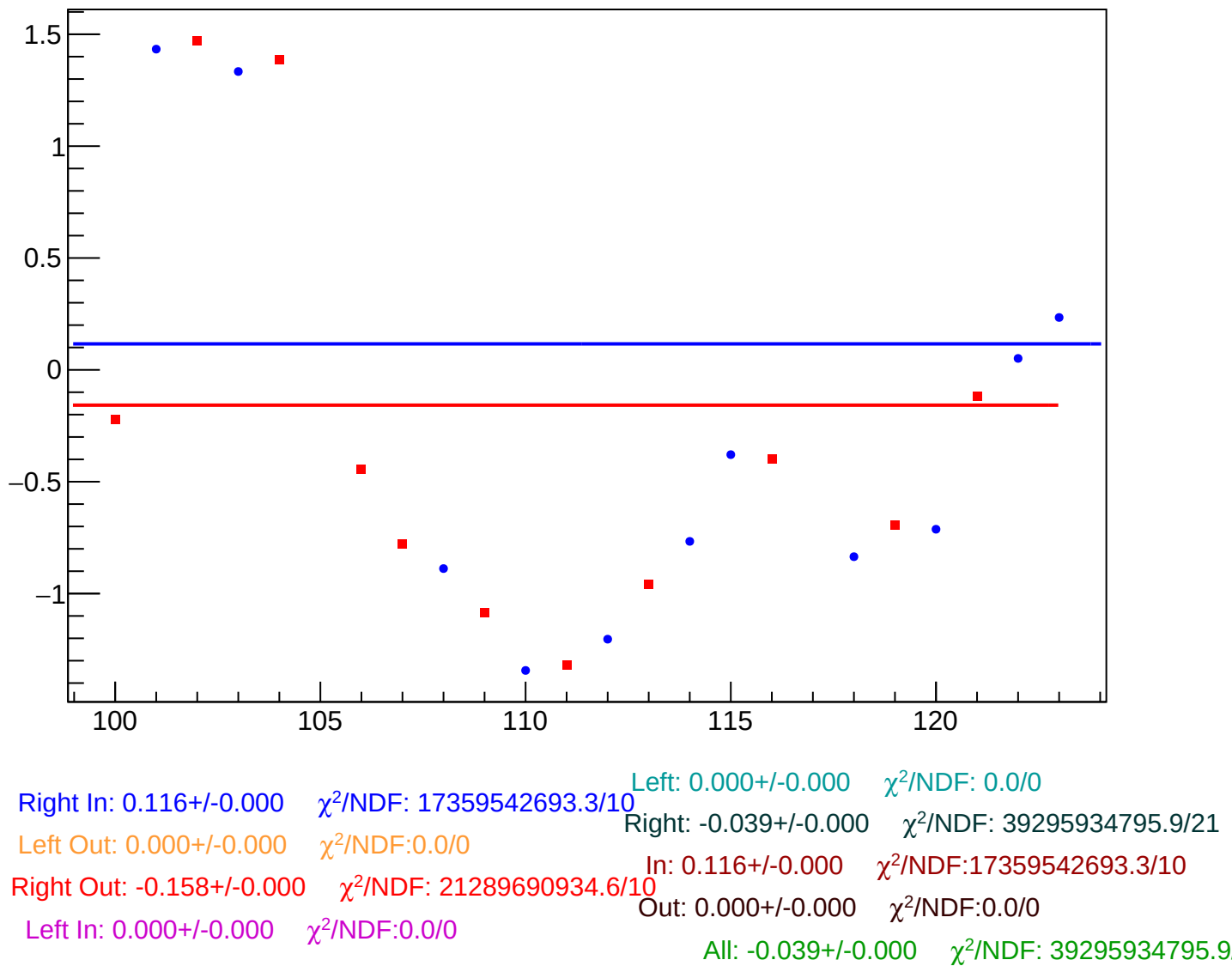
Right: 0.006+/-0.000 χ^2/NDF : 458638.5/21

In: 0.006+/-0.000 χ^2/NDF : 244783.2/10

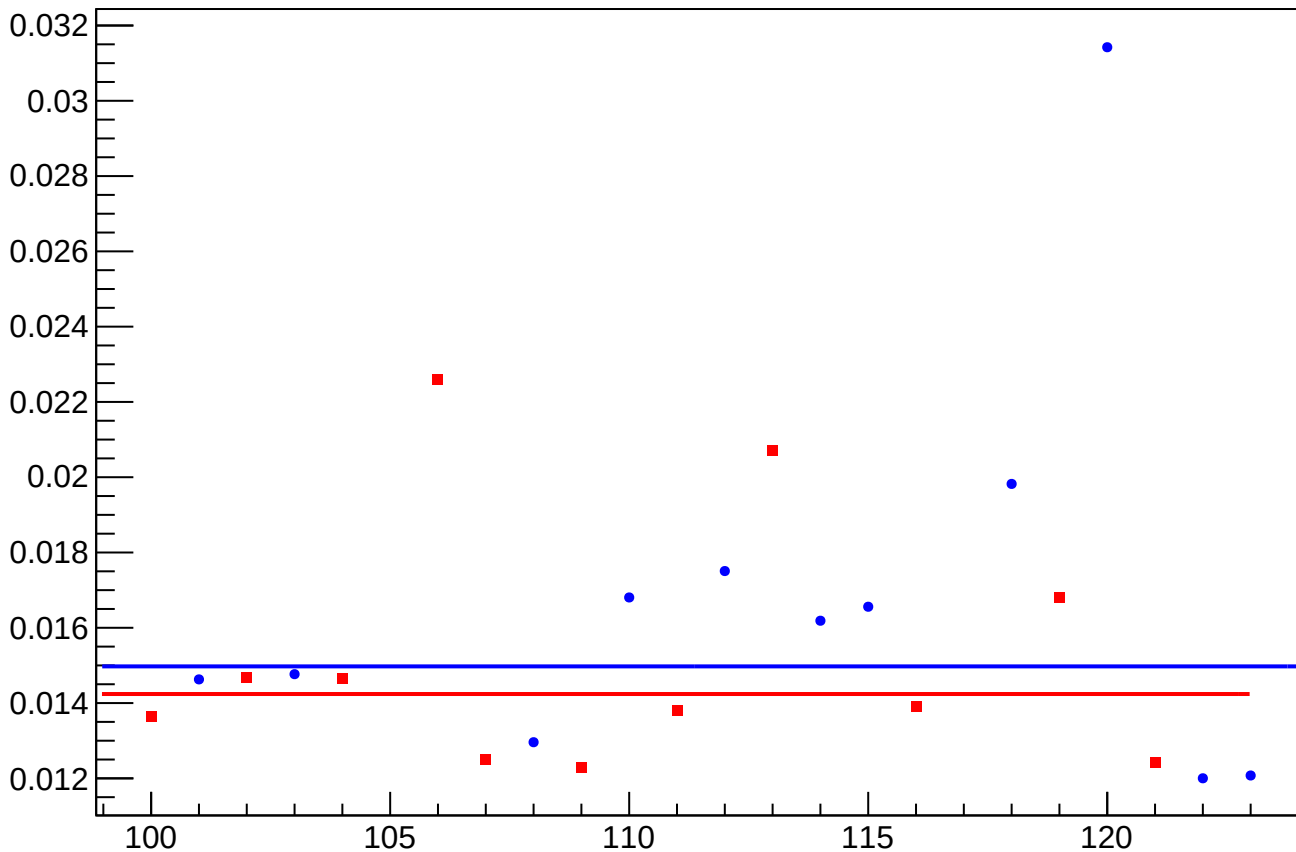
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 458638.5/21

yield_bpm0l02X_mean vs Slug, Sign Corrected



yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 293712.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 204428.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

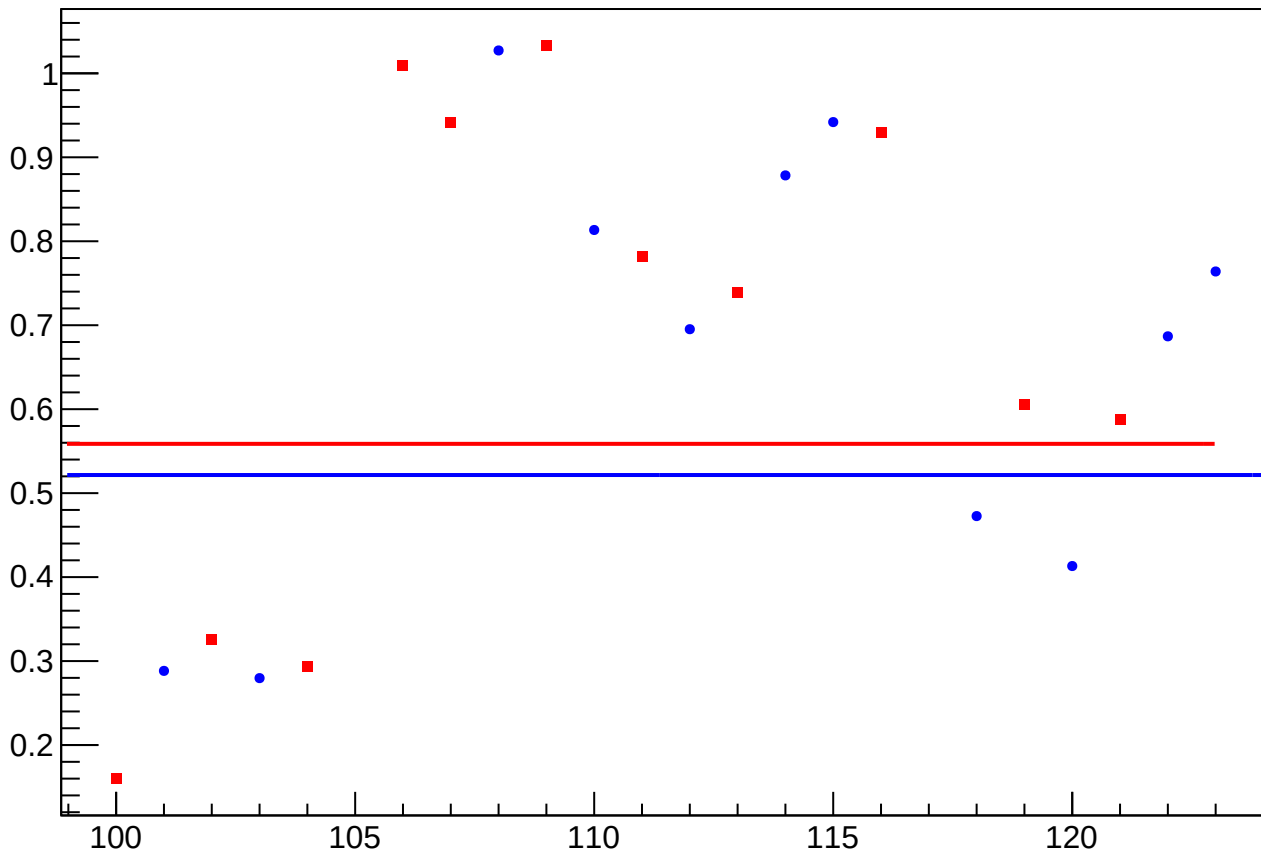
Right: 0.015+/-0.000 χ^2/NDF : 507430.7/21

In: 0.015+/-0.000 χ^2/NDF :293712.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 507430.7/21

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.522+/-0.000 χ^2/NDF : 3915872109.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.559+/-0.000 χ^2/NDF : 4819102961.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

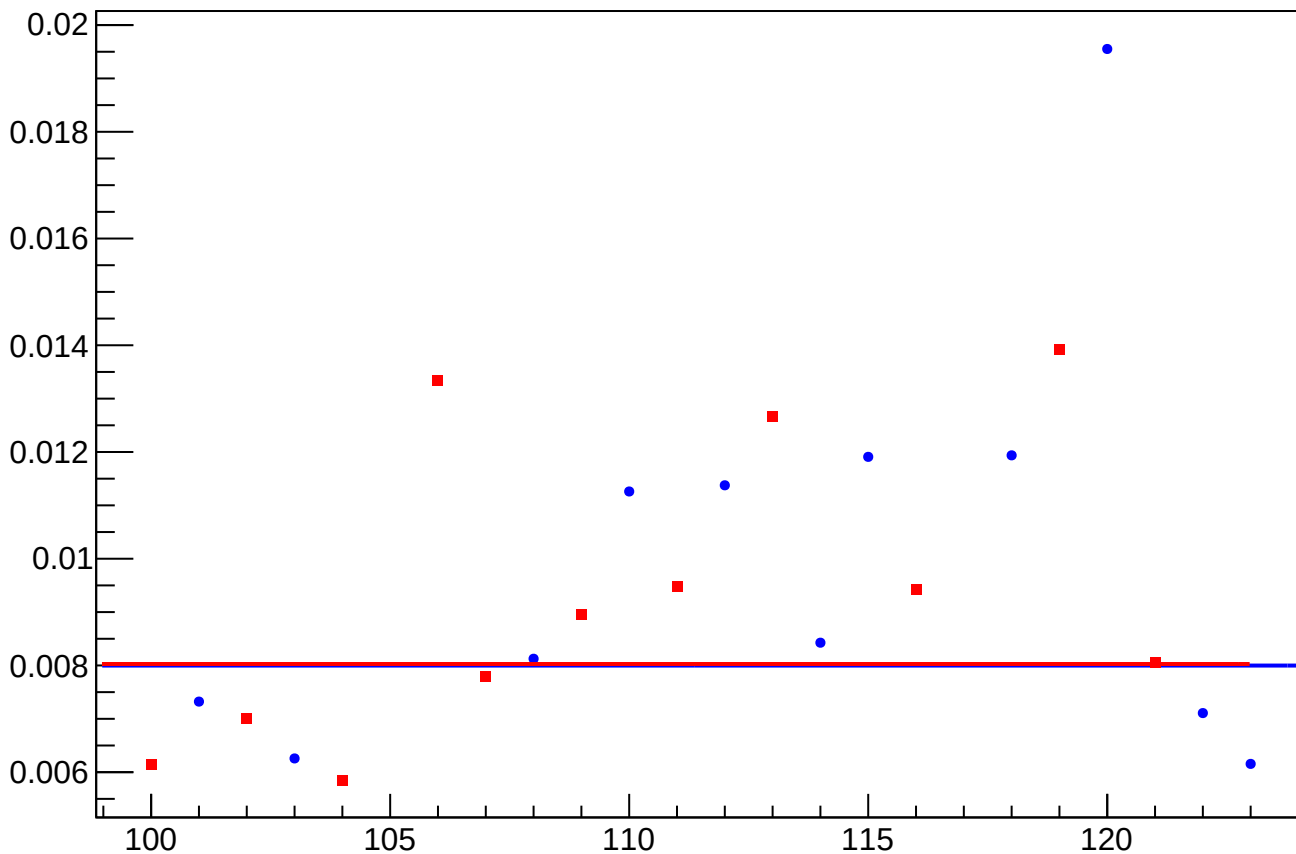
Right: 0.541+/-0.000 χ^2/NDF : 8772937602.9/21

In: 0.522+/-0.000 χ^2/NDF :3915872109.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.541+/-0.000 χ^2/NDF : 8772937602.9/21

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 566394.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 566010.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

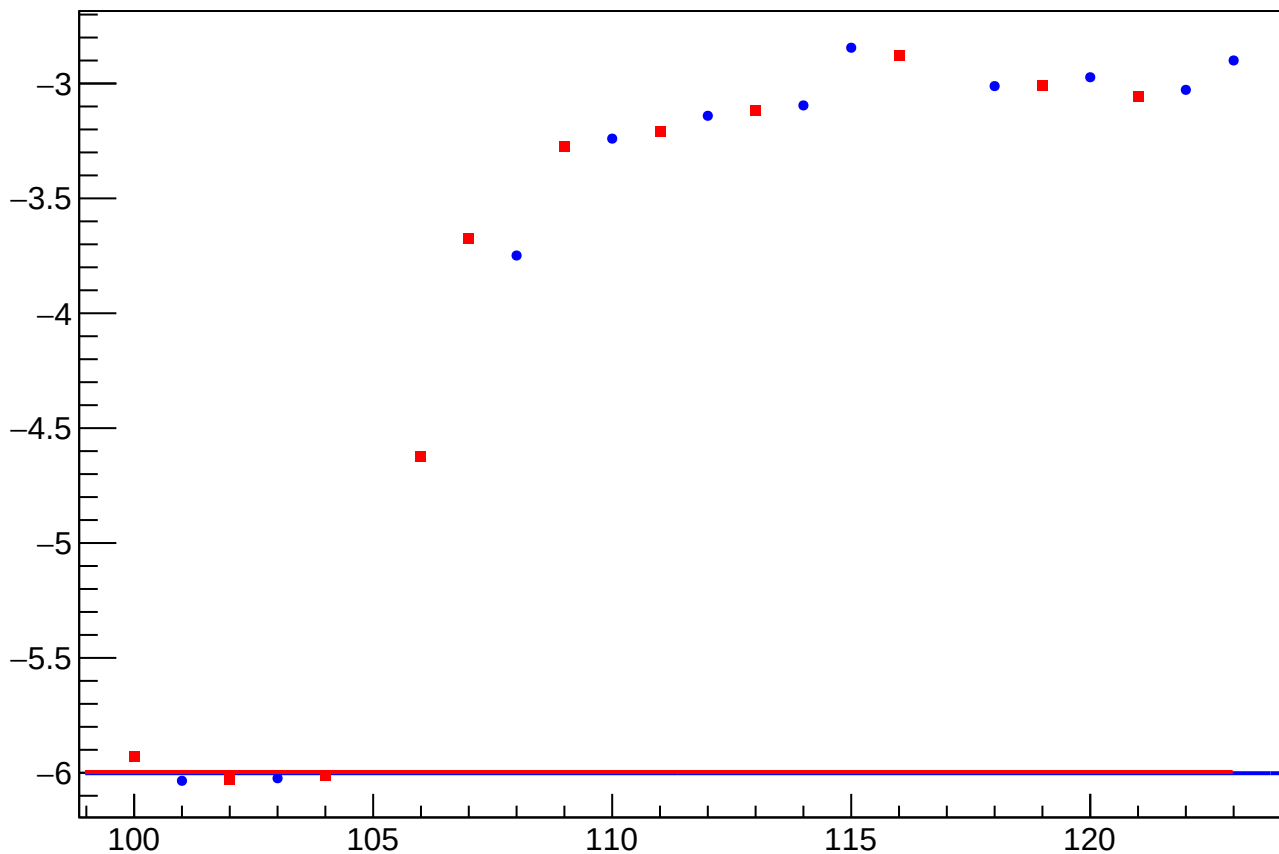
Right: 0.008+/-0.000 χ^2/NDF : 1132451.0/21

In: 0.008+/-0.000 χ^2/NDF : 566394.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1132451.0/21

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.002+/-0.000 χ^2/NDF : 3561520472.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.996+/-0.000 χ^2/NDF : 2687703370.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

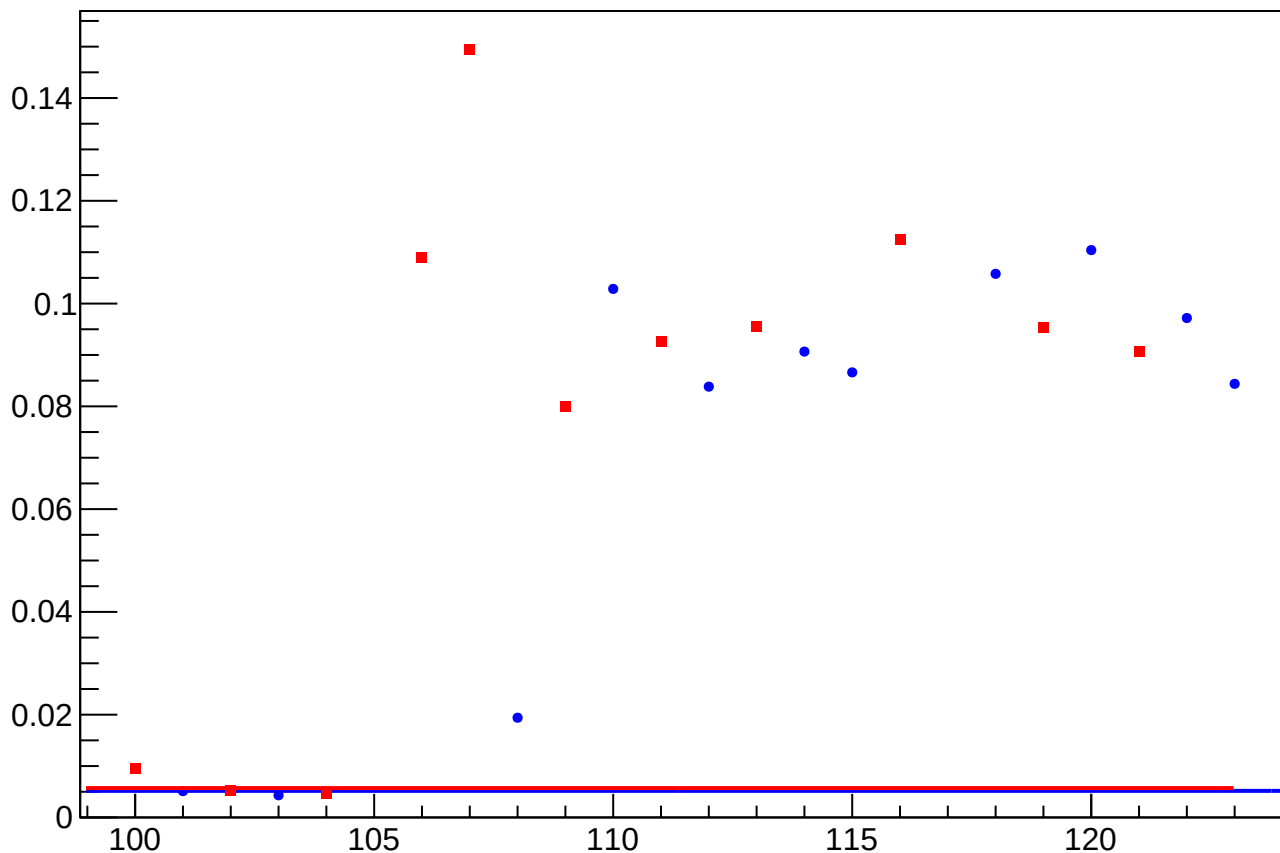
Right: -5.999+/-0.000 χ^2/NDF : 6249869492.2/21

In: -6.002+/-0.000 χ^2/NDF :3561520472.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.999+/-0.000 χ^2/NDF : 6249869492.2/2

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 4184459.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5604040.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

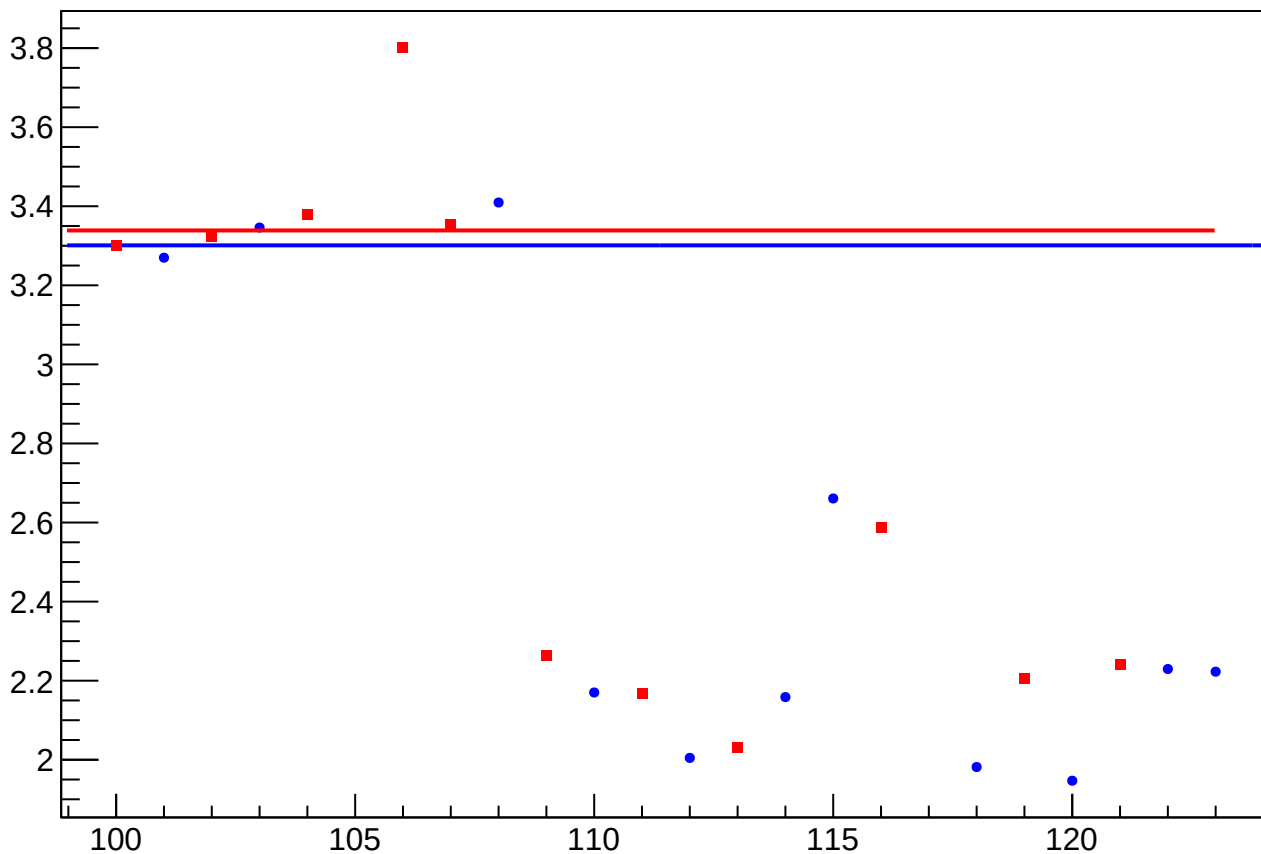
Right: 0.005+/-0.000 χ^2/NDF : 9801921.7/21

In: 0.005+/-0.000 χ^2/NDF :4184459.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 9801921.7/21

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.301+/-0.000 χ^2/NDF : 367508358.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.339+/-0.000 χ^2/NDF : 404323339.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

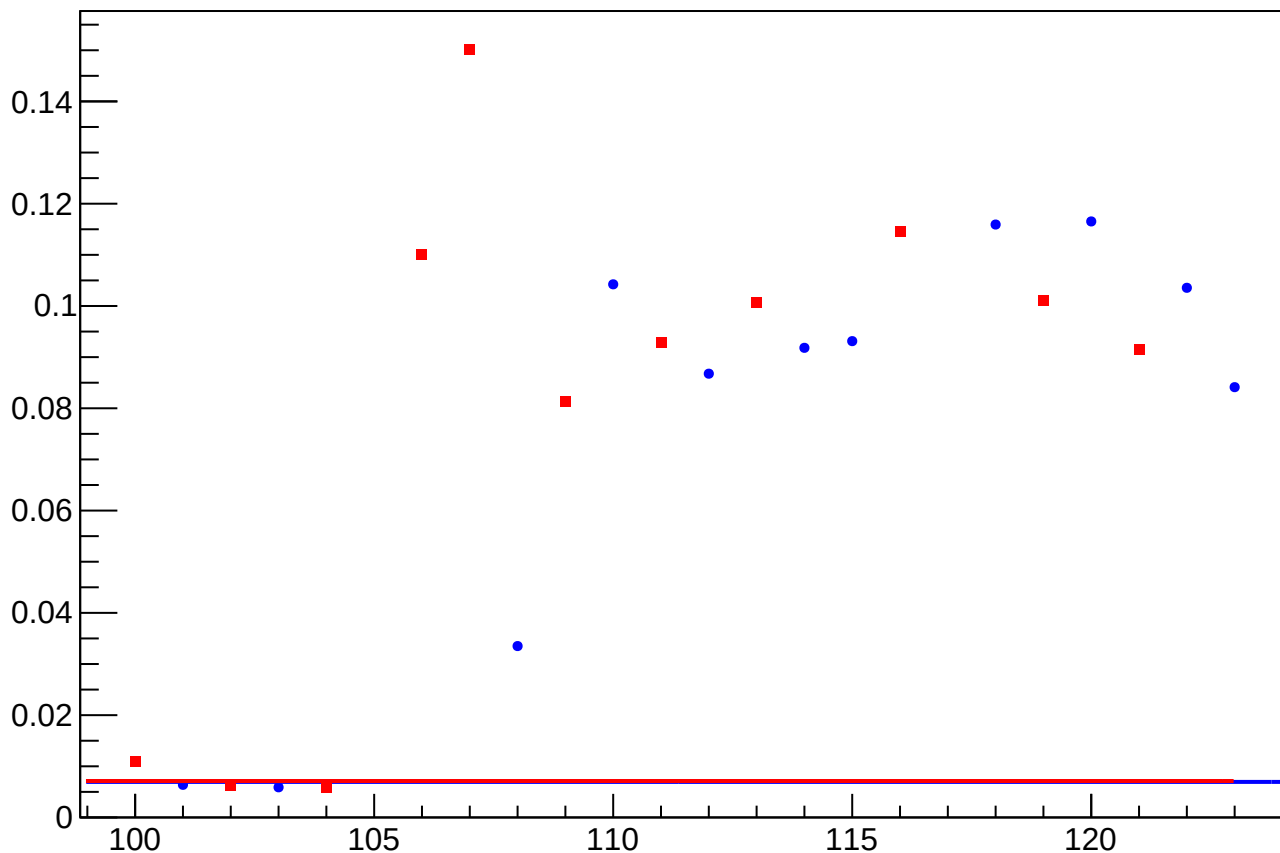
Right: 3.319+/-0.000 χ^2/NDF : 792778233.9/21

In: 3.301+/-0.000 χ^2/NDF :367508358.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.319+/-0.000 χ^2/NDF : 792778233.9/21

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4184903.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5458243.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

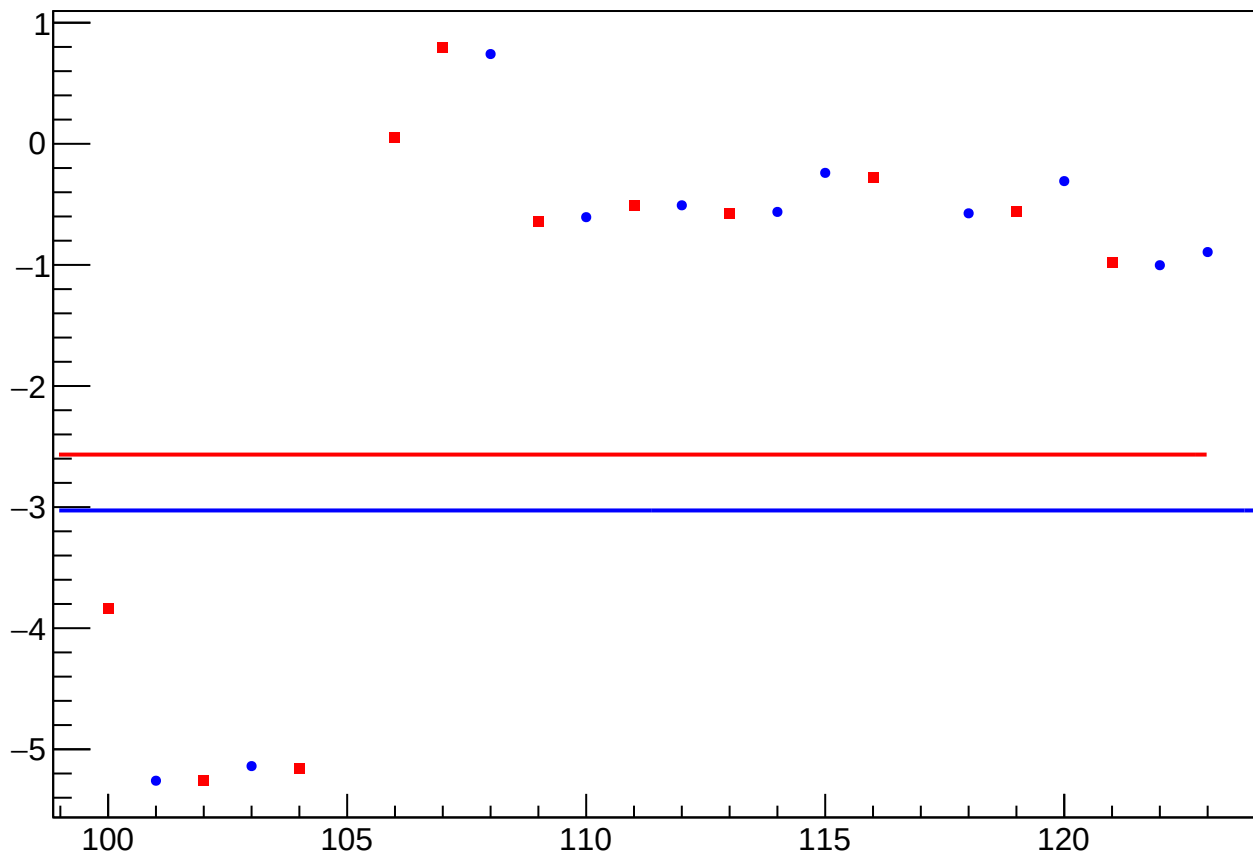
Right: 0.007+/-0.000 χ^2/NDF : 9644059.5/21

In: 0.007+/-0.000 χ^2/NDF :4184903.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

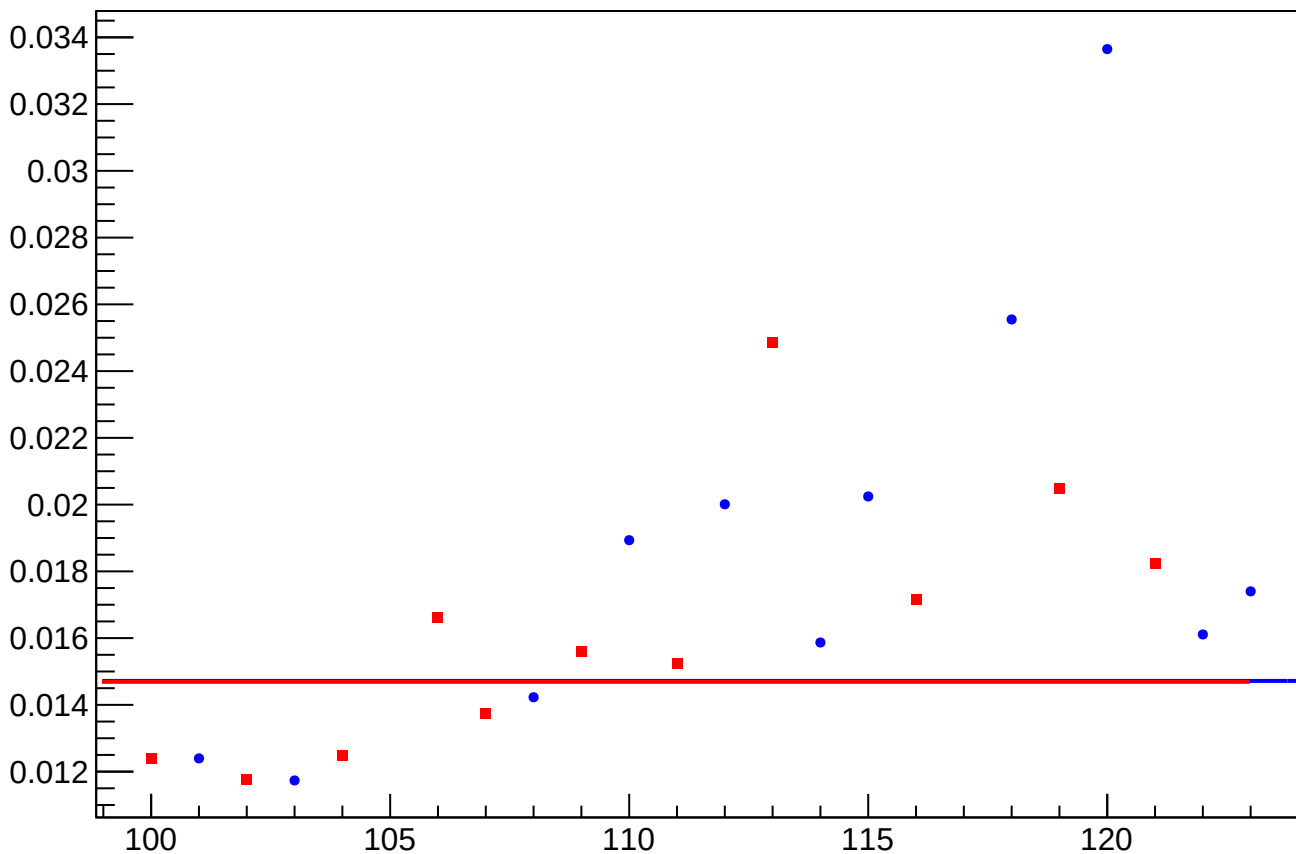
All: 0.007+/-0.000 χ^2/NDF : 9644059.5/21

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.028 ± 0.000 $\chi^2/\text{NDF}: 94019038076.1/10$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: -2.777 ± 0.000 $\chi^2/\text{NDF}: 202626622421.8/21$
 Right Out: -2.566 ± 0.000 $\chi^2/\text{NDF}: 106847262703.8/10$ In: -3.028 ± 0.000 $\chi^2/\text{NDF}: 94019038076.1/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -2.777 ± 0.000 $\chi^2/\text{NDF}: 202626622421.8$

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 552683.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 360214.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

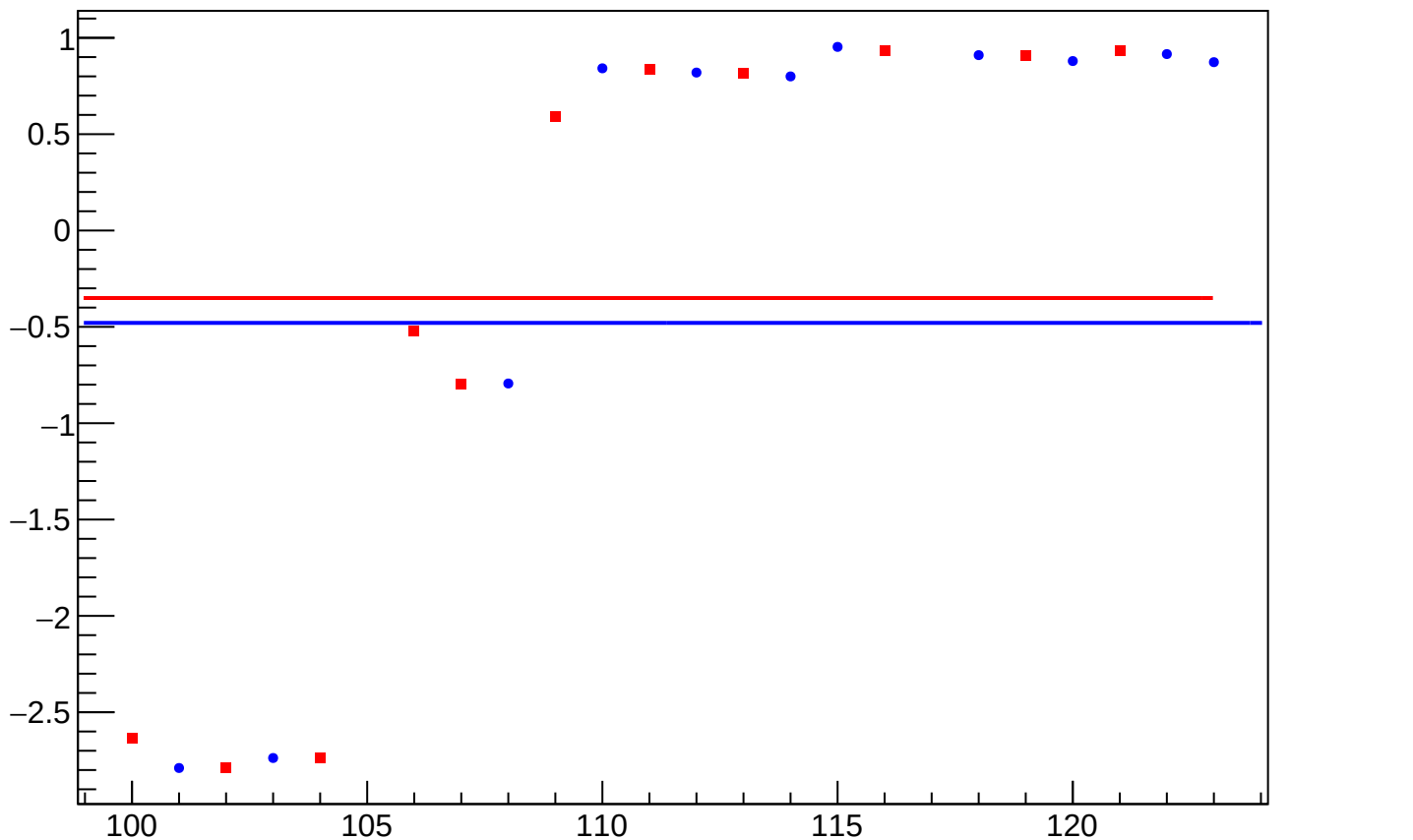
Right: 0.015+/-0.000 χ^2/NDF : 912910.3/21

In: 0.015+/-0.000 χ^2/NDF : 552683.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

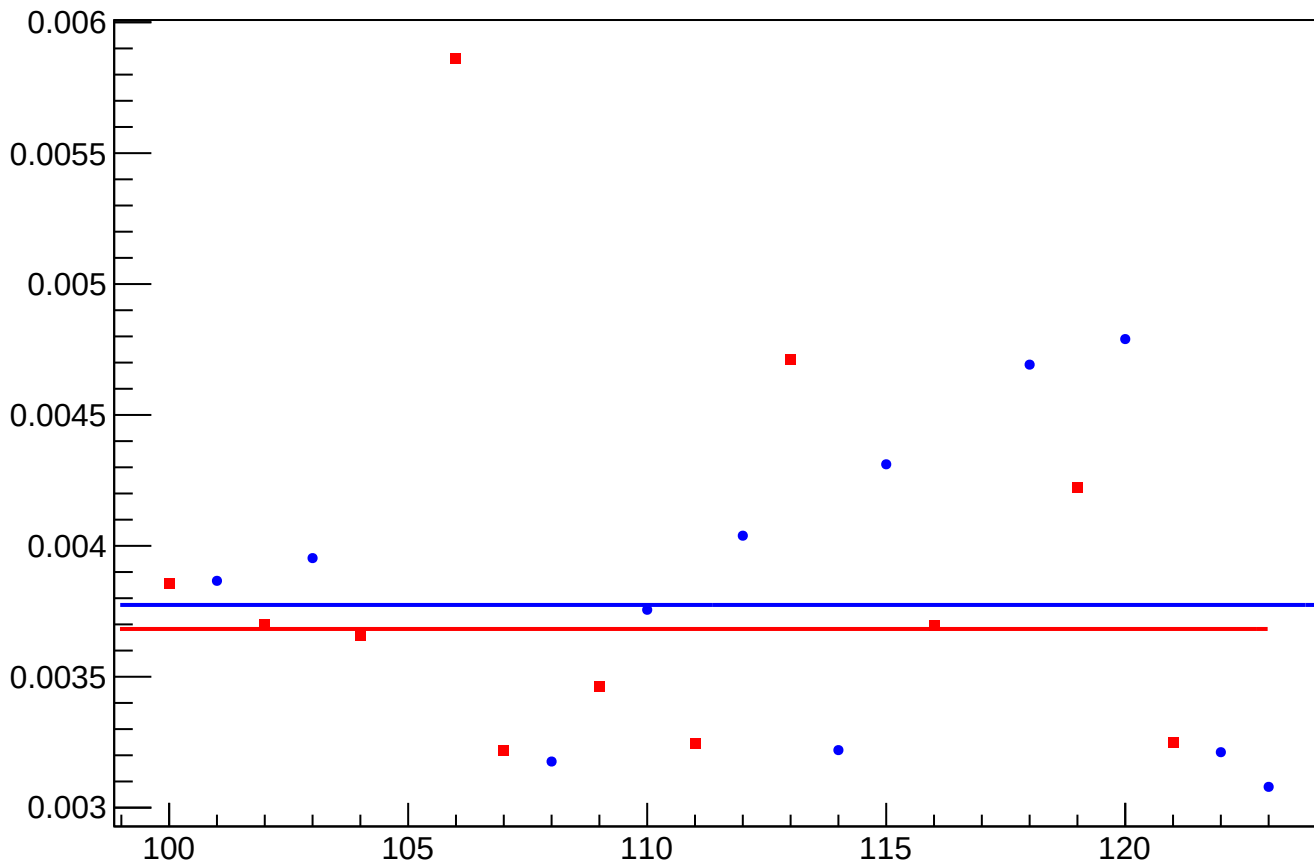
All: 0.015+/-0.000 χ^2/NDF : 912910.3/21

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.479+/-0.000 χ^2/NDF : 690323467016.5/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.350+/-0.000 χ^2/NDF : 792521371737.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.409+/-0.000 χ^2/NDF : 1485238075107.8/2
 In: -0.479+/-0.000 χ^2/NDF : 690323467016.5/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 137738.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 181914.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

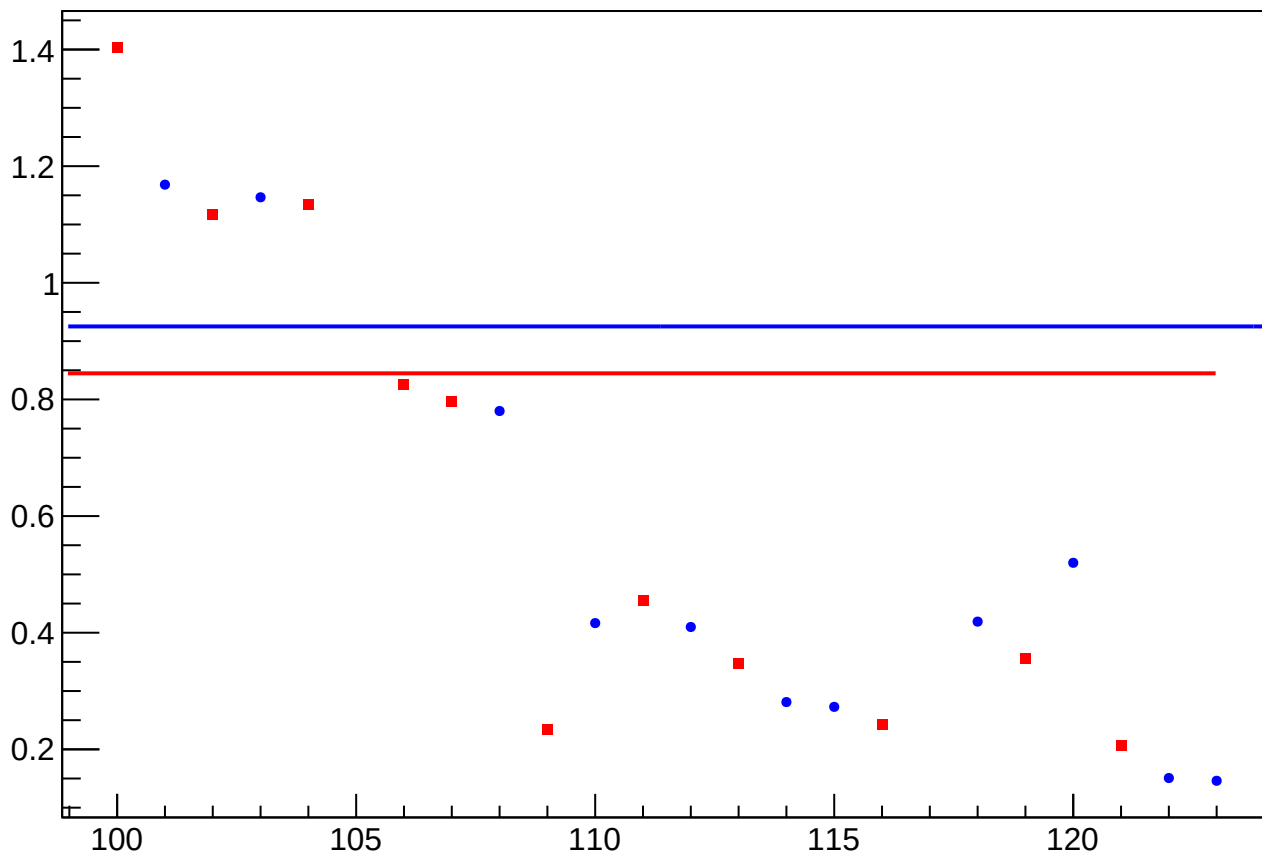
Right: 0.004+/-0.000 χ^2/NDF : 322072.0/21

In: 0.004+/-0.000 χ^2/NDF :137738.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 322072.0/21

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.925+/-0.000

χ^2/NDF : 13705349314.9/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.883+/-0.000 χ^2/NDF : 30964113011.0/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.925+/-0.000 χ^2/NDF : 13705349314.9/10

Right Out: 0.845+/-0.000 χ^2/NDF : 16908584733.2/10

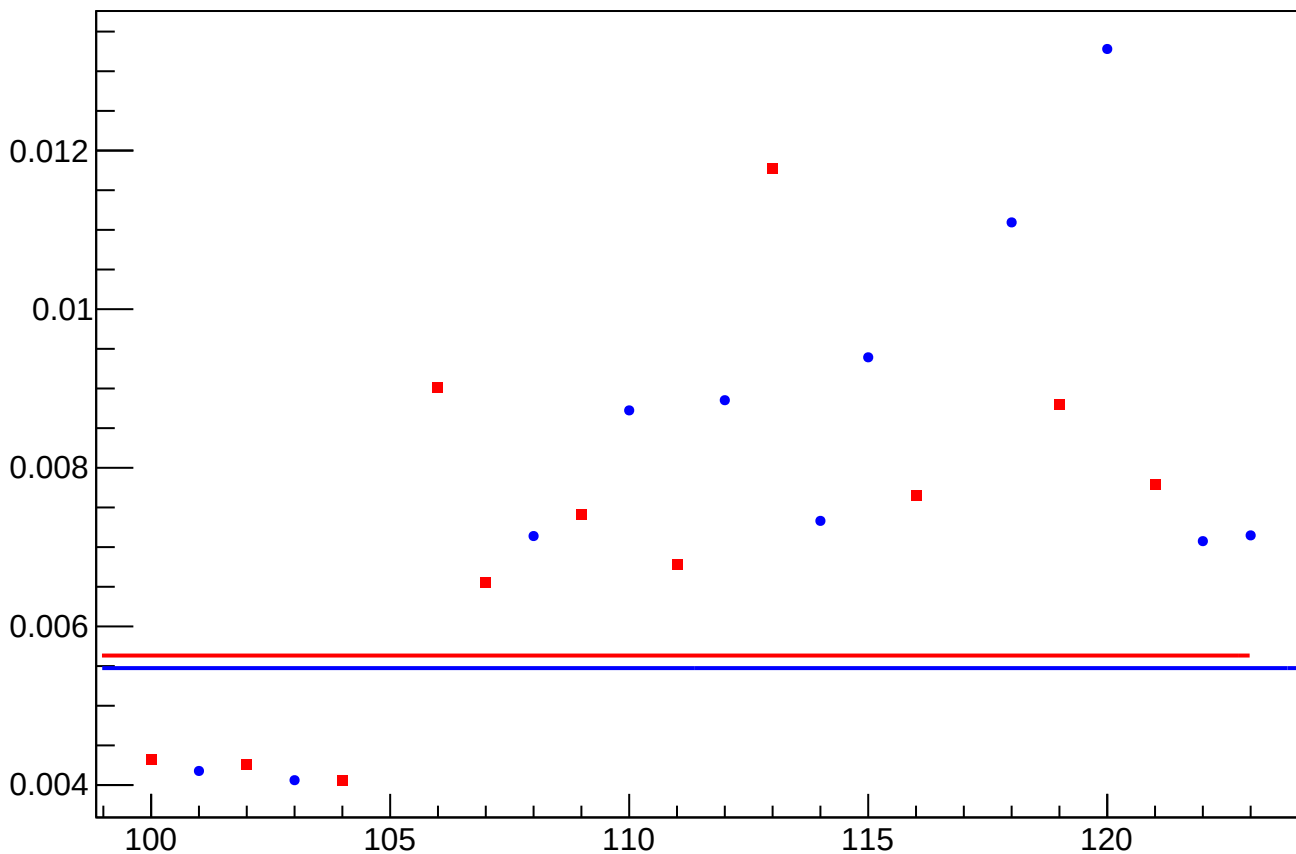
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.883+/-0.000 χ^2/NDF : 30964113011.0/21

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1016604.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 857950.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

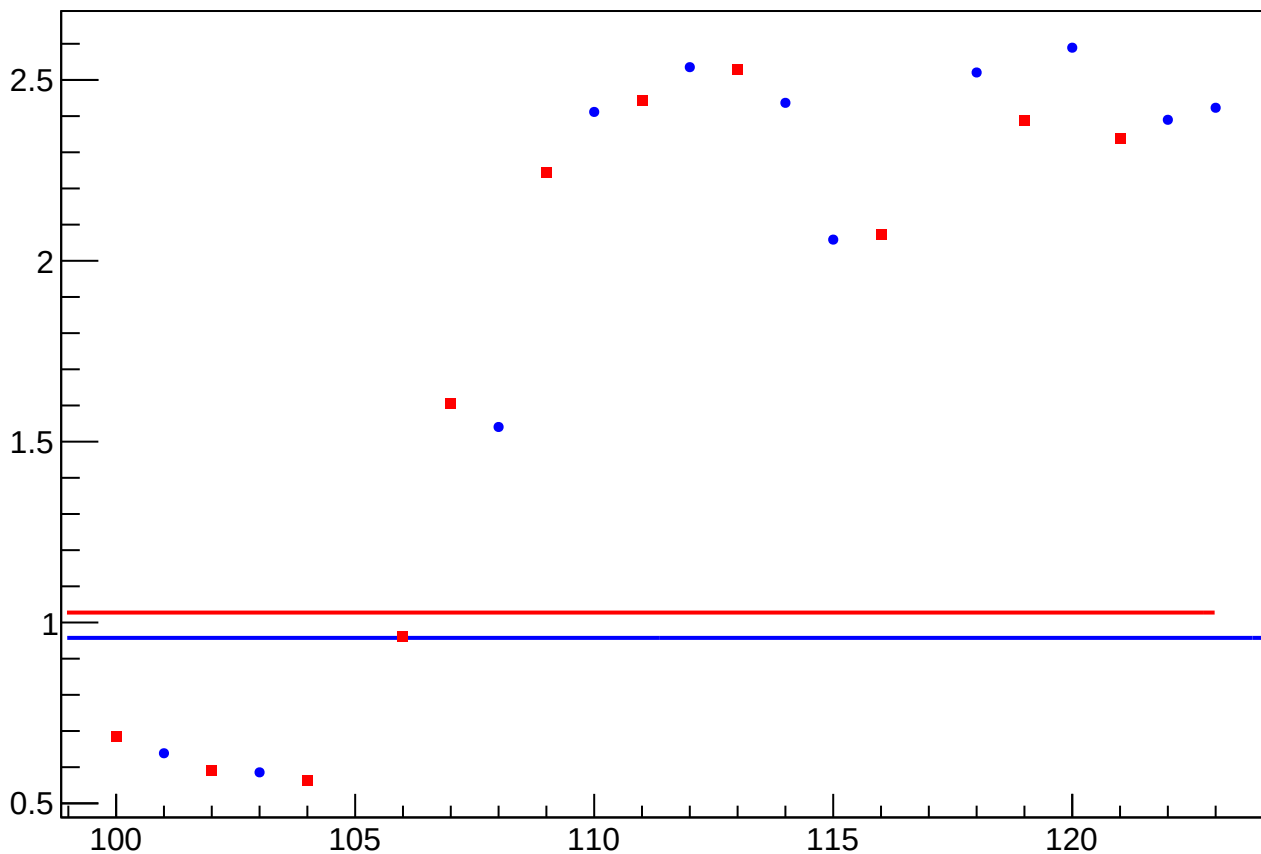
Right: 0.006+/-0.000 χ^2/NDF : 1877275.4/21

In: 0.005+/-0.000 χ^2/NDF :1016604.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1877275.4/21

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.957+/-0.000

χ^2/NDF : 51986765442.0/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.994+/-0.000

χ^2/NDF : 119355332963.8/21

Right Out: 1.027+/-0.000

χ^2/NDF : 67082415618.8/10

In: 0.957+/-0.000

χ^2/NDF : 51986765442.0/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

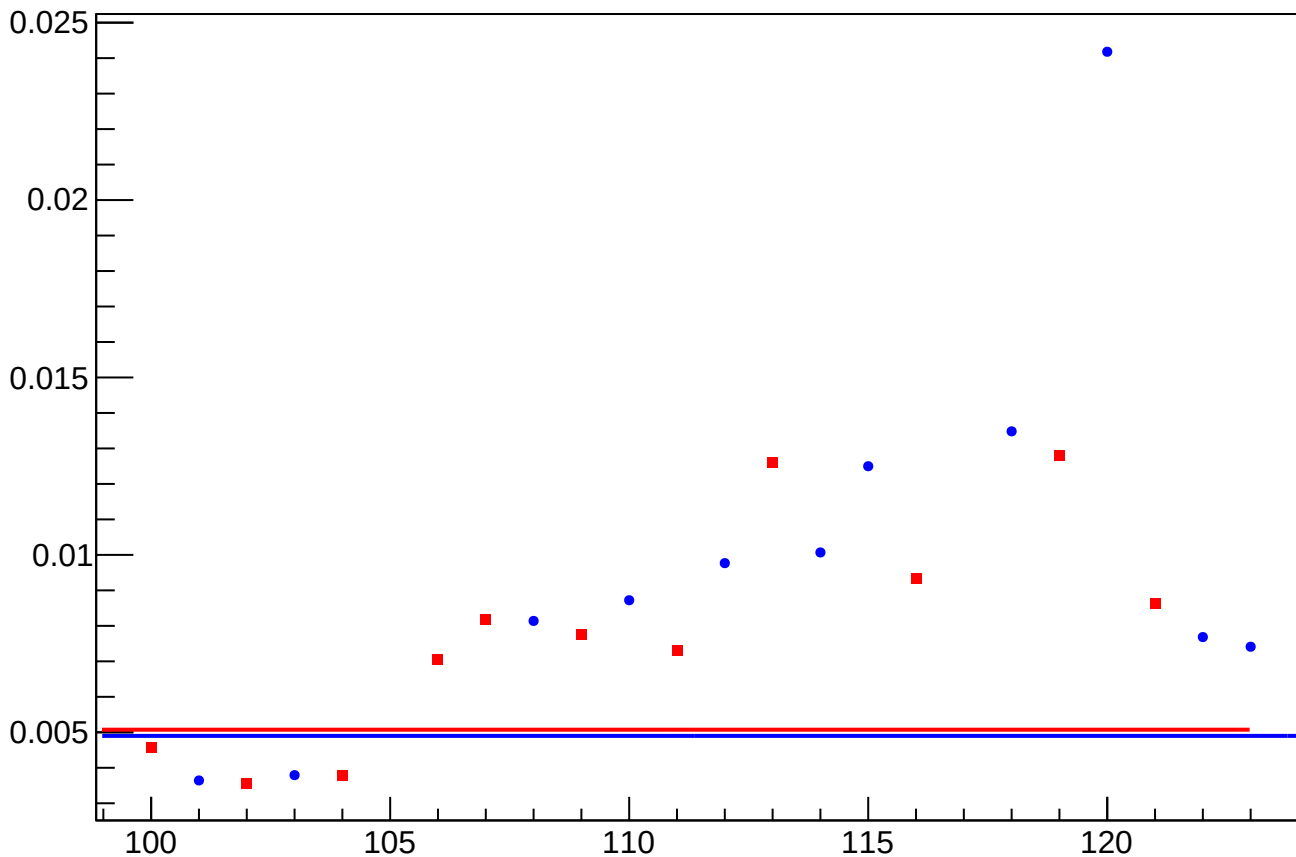
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.994+/-0.000

χ^2/NDF : 119355332963.8

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1523098.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1387335.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

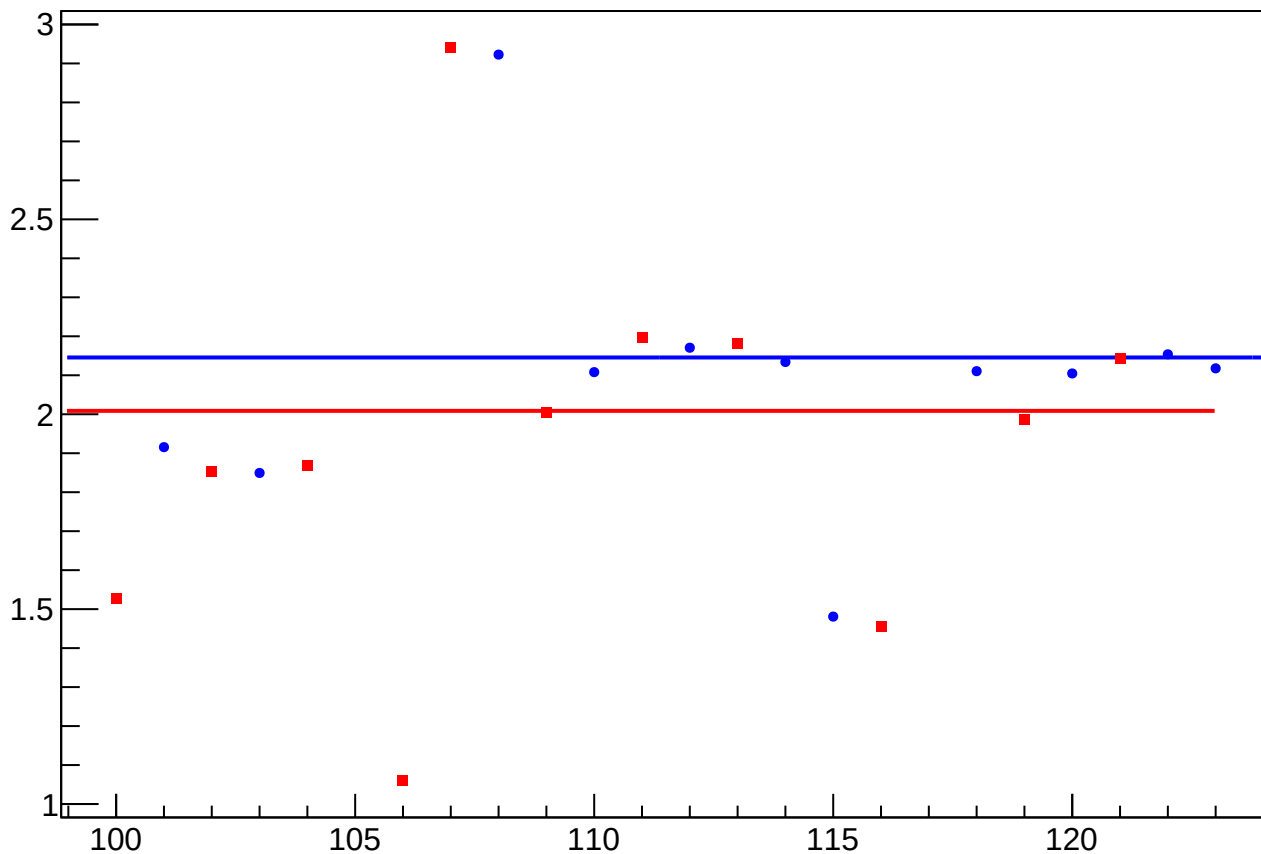
Right: 0.005+/-0.000 χ^2/NDF : 2913999.4/21

In: 0.005+/-0.000 χ^2/NDF :1523098.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2913999.4/21

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.146+/-0.000 χ^2/NDF : 9085814416.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.009+/-0.000 χ^2/NDF : 13504311594.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

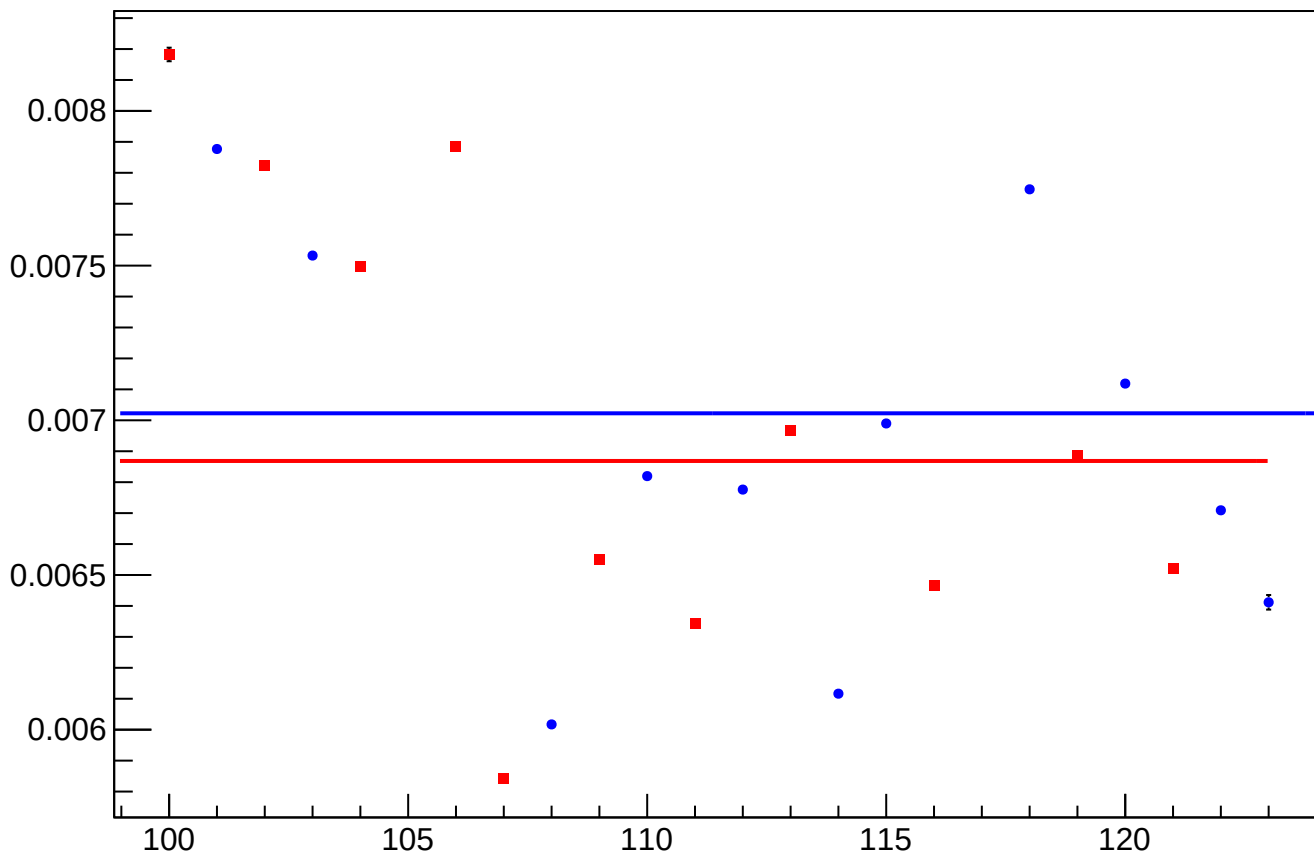
Right: 2.071+/-0.000 χ^2/NDF : 23392897592.4/21

In: 2.146+/-0.000 χ^2/NDF : 9085814416.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.071+/-0.000 χ^2/NDF : 23392897592.4/21

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 58803.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 66447.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

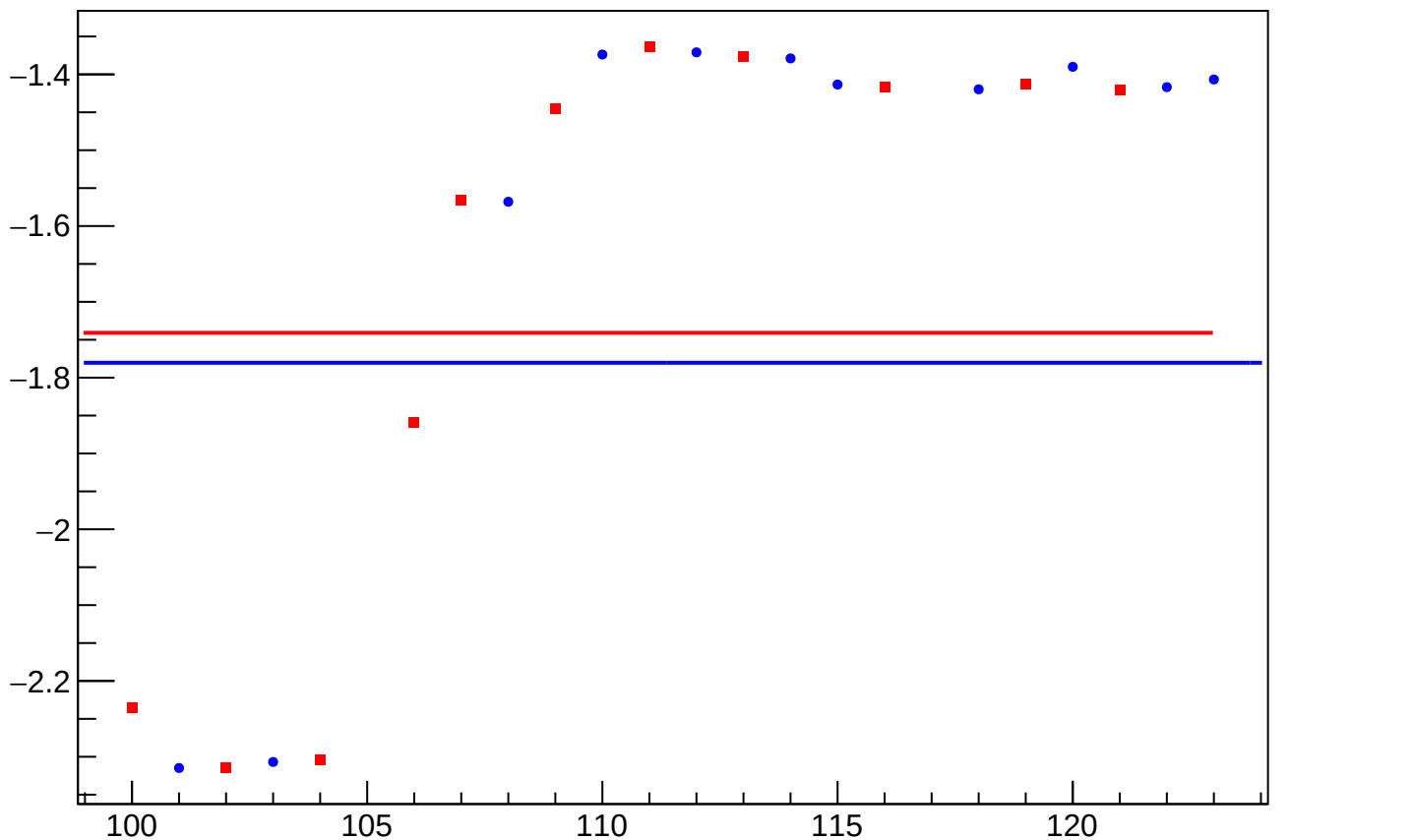
Right: 0.007+/-0.000 χ^2/NDF : 127281.9/21

In: 0.007+/-0.000 χ^2/NDF :58803.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 127281.9/21

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.780+/-0.000 χ^2/NDF : 99504820141.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.741+/-0.000 χ^2/NDF : 104329615006.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

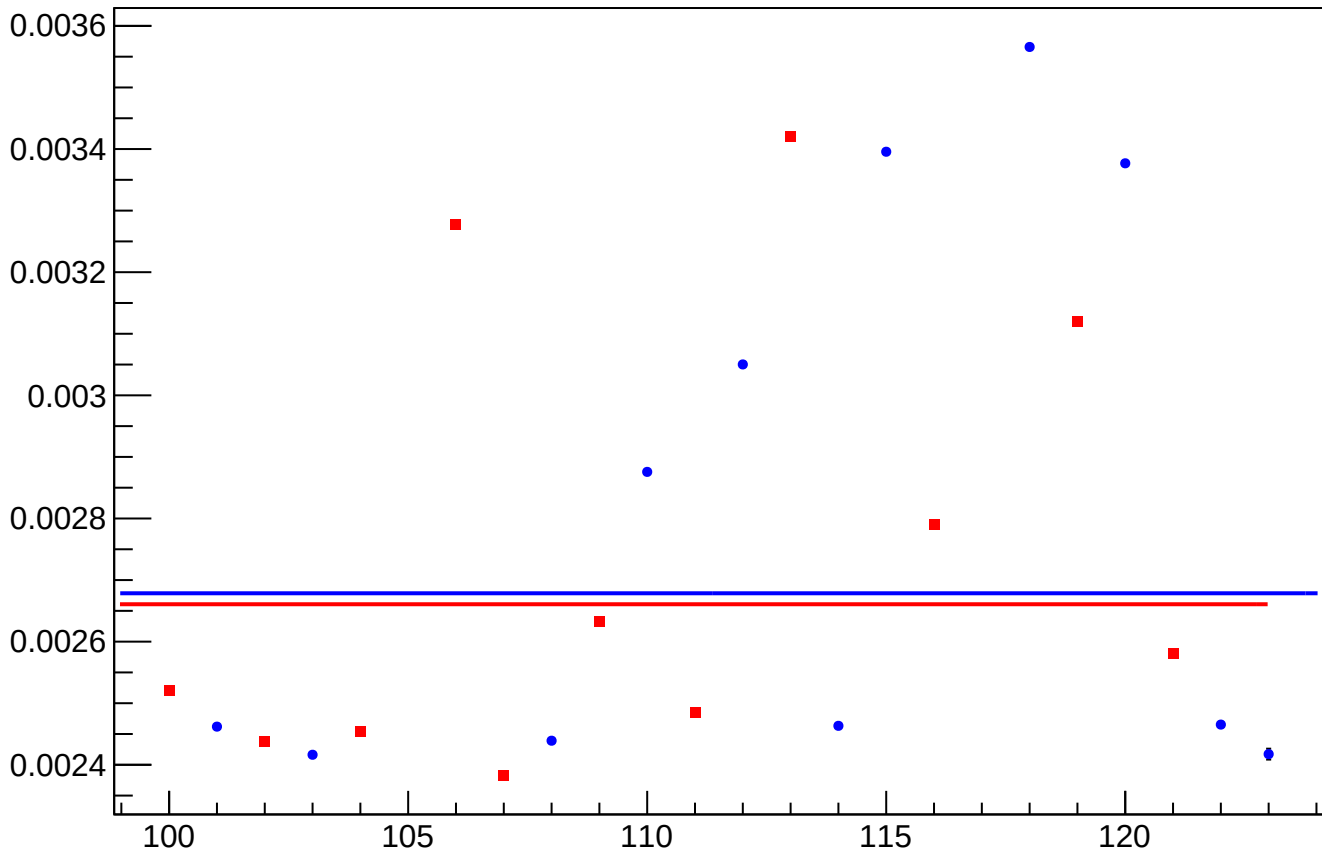
Right: -1.759+/-0.000 χ^2/NDF : 204274784321.9/21

In: -1.780+/-0.000 χ^2/NDF : 99504820141.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.759+/-0.000 χ^2/NDF : 204274784321.9

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 152834.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 117022.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

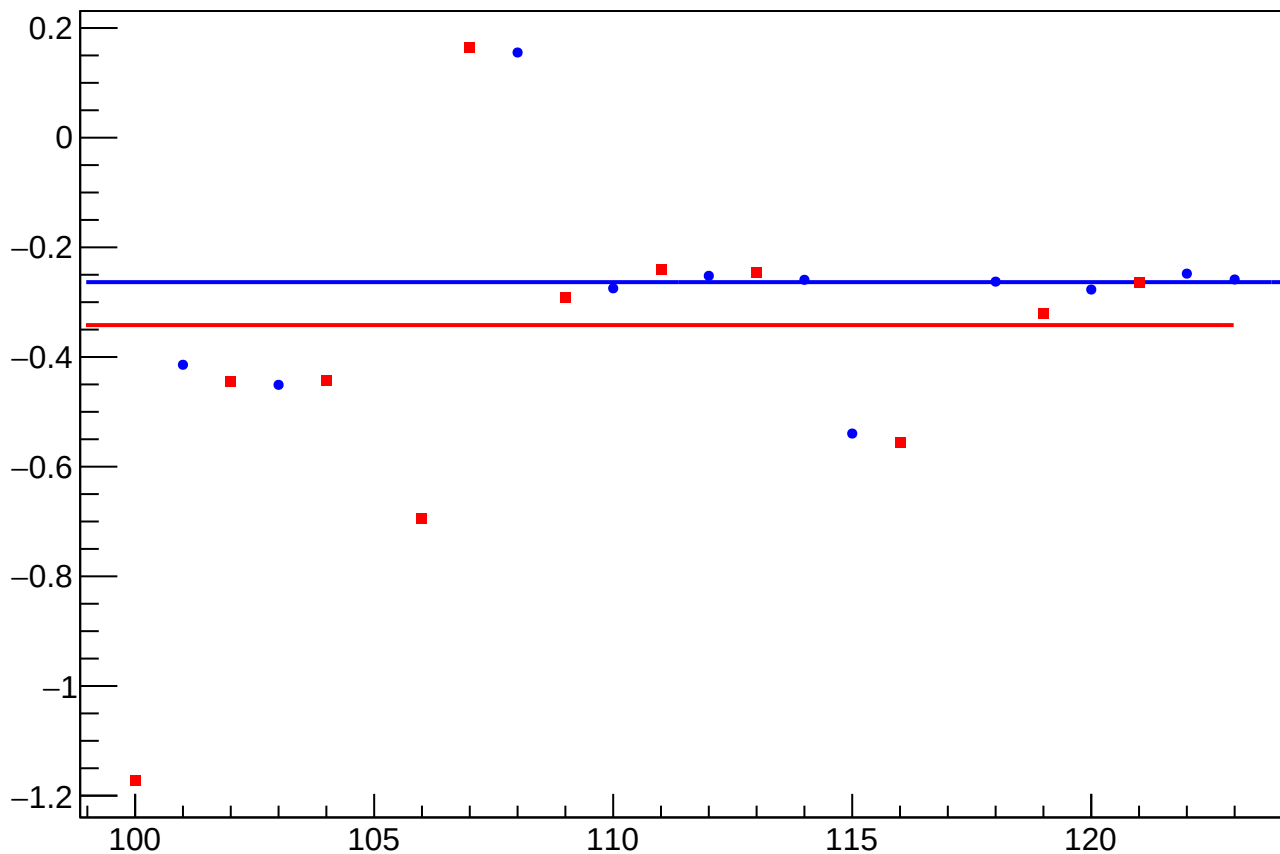
Right: 0.003+/-0.000 χ^2/NDF : 270036.0/21

In: 0.003+/-0.000 χ^2/NDF :152834.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 270036.0/21

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.263+/-0.000 χ^2/NDF : 946855164.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.342+/-0.000 χ^2/NDF : 1565797799.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

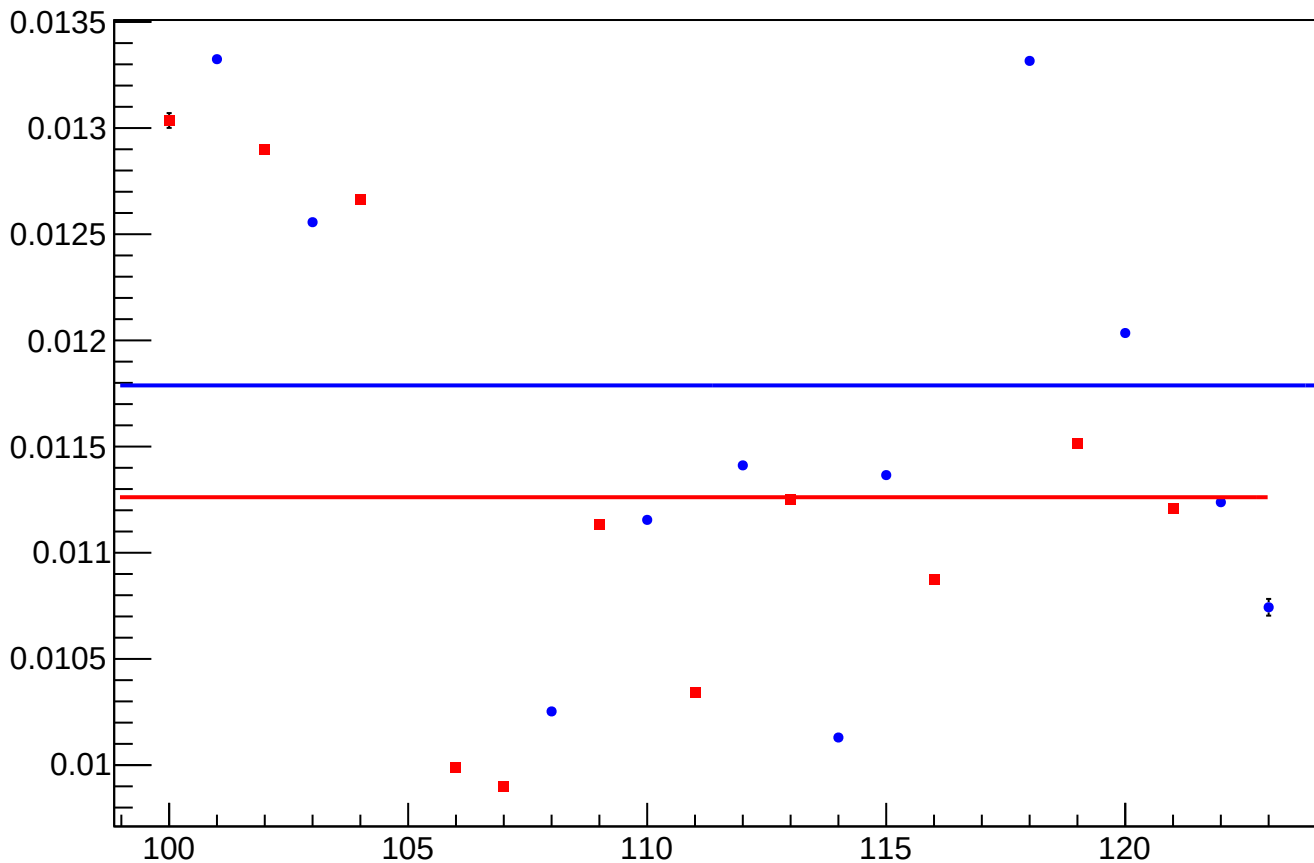
Right: -0.307+/-0.000 χ^2/NDF : 2609914565.0/21

In: -0.263+/-0.000 χ^2/NDF :946855164.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.307+/-0.000 χ^2/NDF : 2609914565.0/21

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 64611.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 62790.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

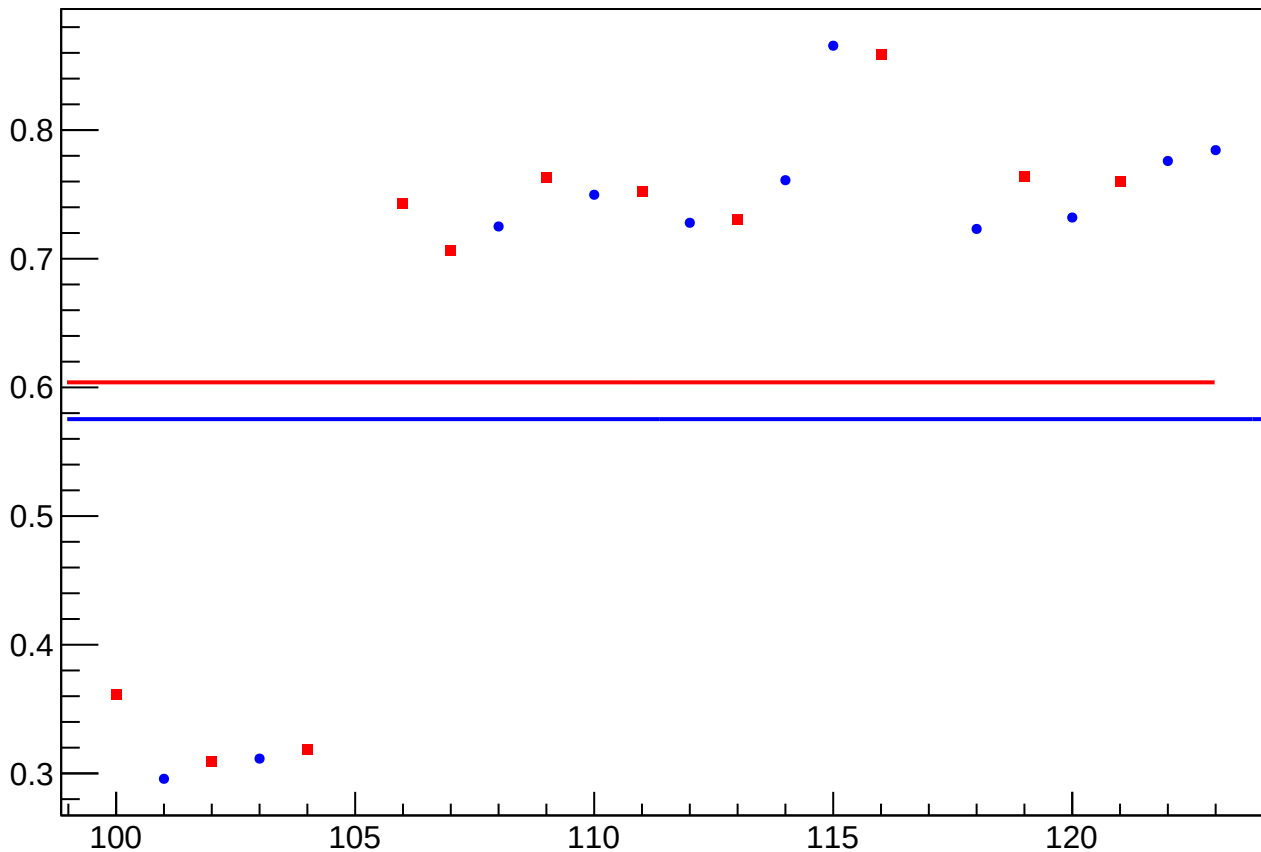
Right: 0.011+/-0.000 χ^2/NDF : 136179.2/21

In: 0.012+/-0.000 χ^2/NDF :64611.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

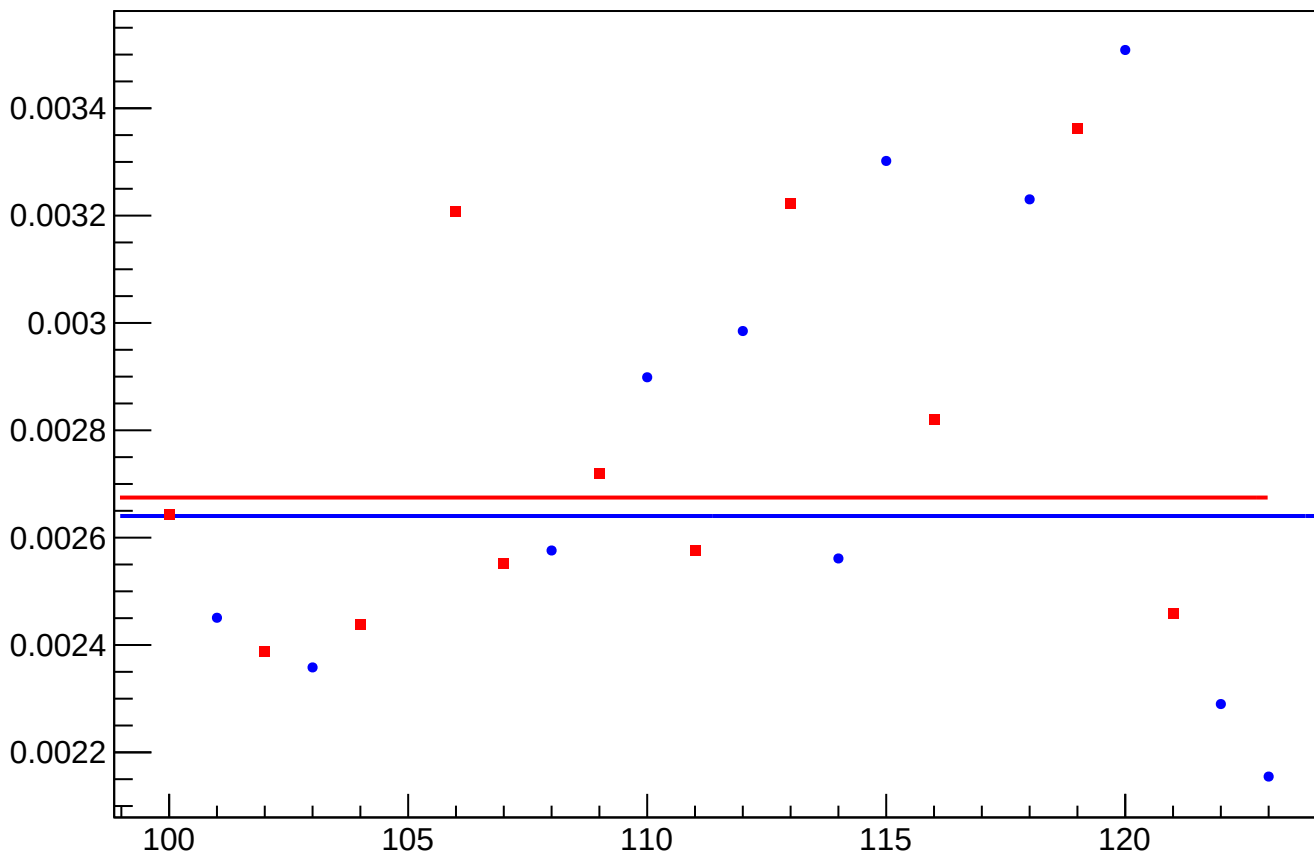
All: 0.011+/-0.000 χ^2/NDF : 136179.2/21

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.575+/-0.000 χ^2/NDF : 26184337322.4/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.604+/-0.000 χ^2/NDF : 27046938583.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.590+/-0.000 χ^2/NDF : 53464373684.3/21

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 147390.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 126025.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

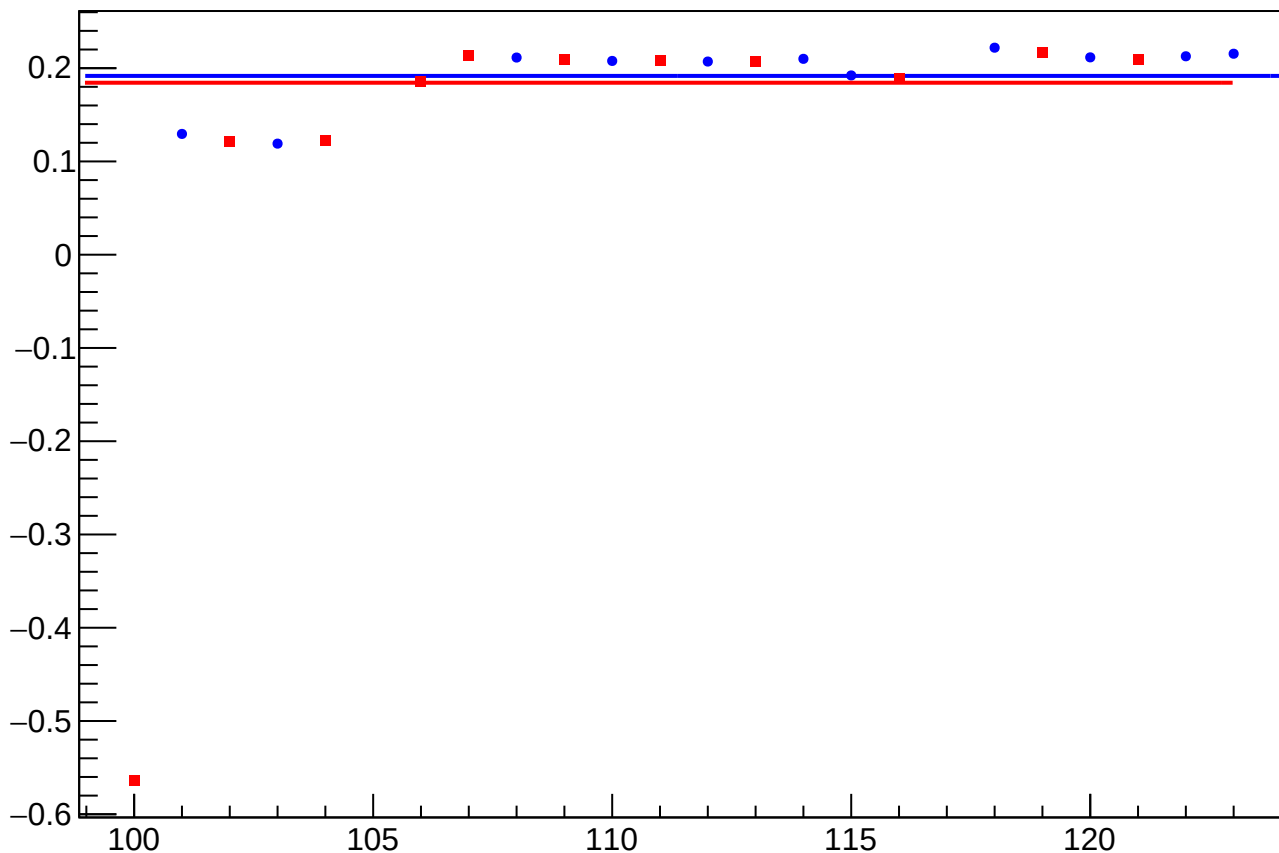
Right: 0.003+/-0.000 χ^2/NDF : 274091.1/21

In: 0.003+/-0.000 χ^2/NDF :147390.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 274091.1/21

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.192+/-0.000 χ^2/NDF : 50102653.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.184+/-0.000 χ^2/NDF : 336677161.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

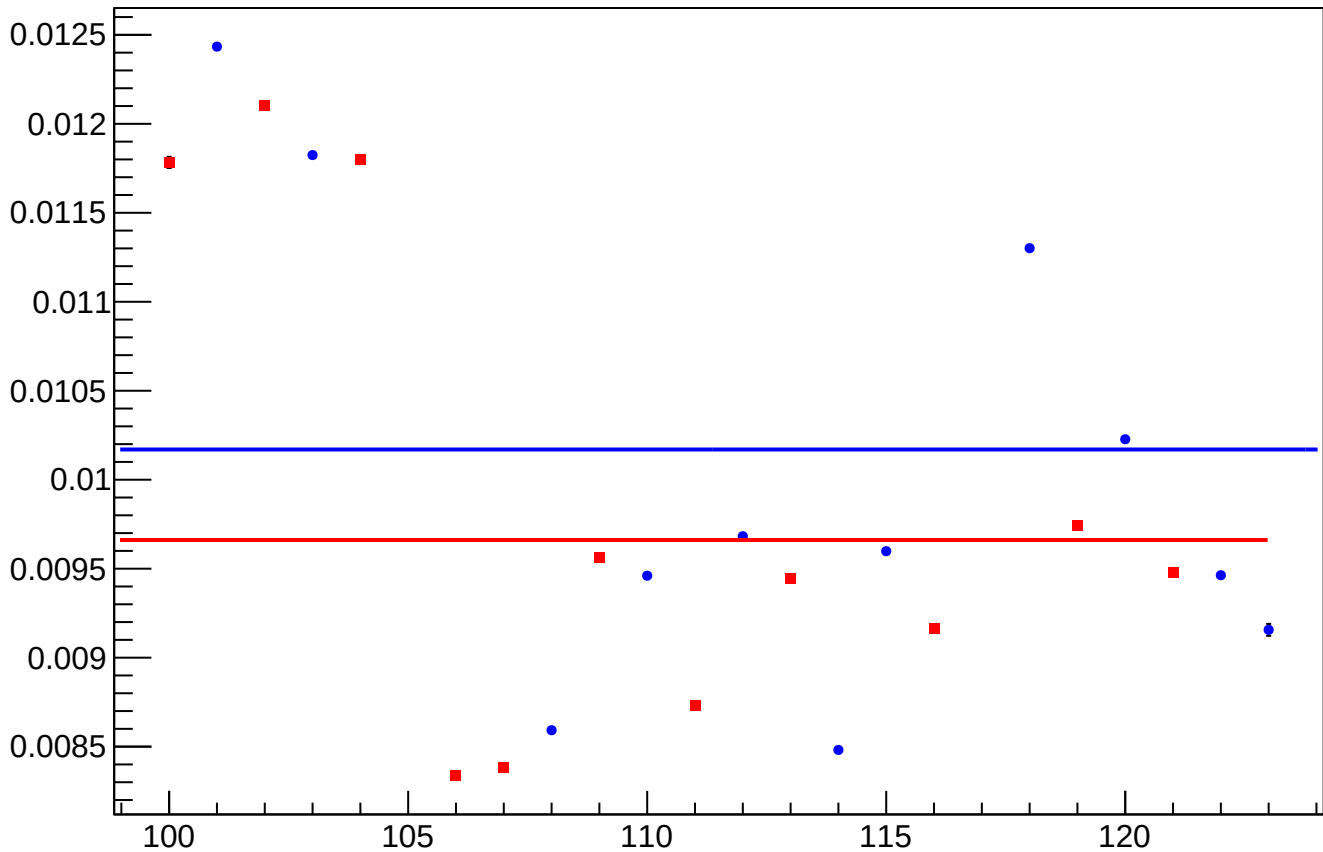
Right: 0.188+/-0.000 χ^2/NDF : 387914671.8/21

In: 0.192+/-0.000 χ^2/NDF :50102653.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.188+/-0.000 χ^2/NDF : 387914671.8/21

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 123271.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 128064.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

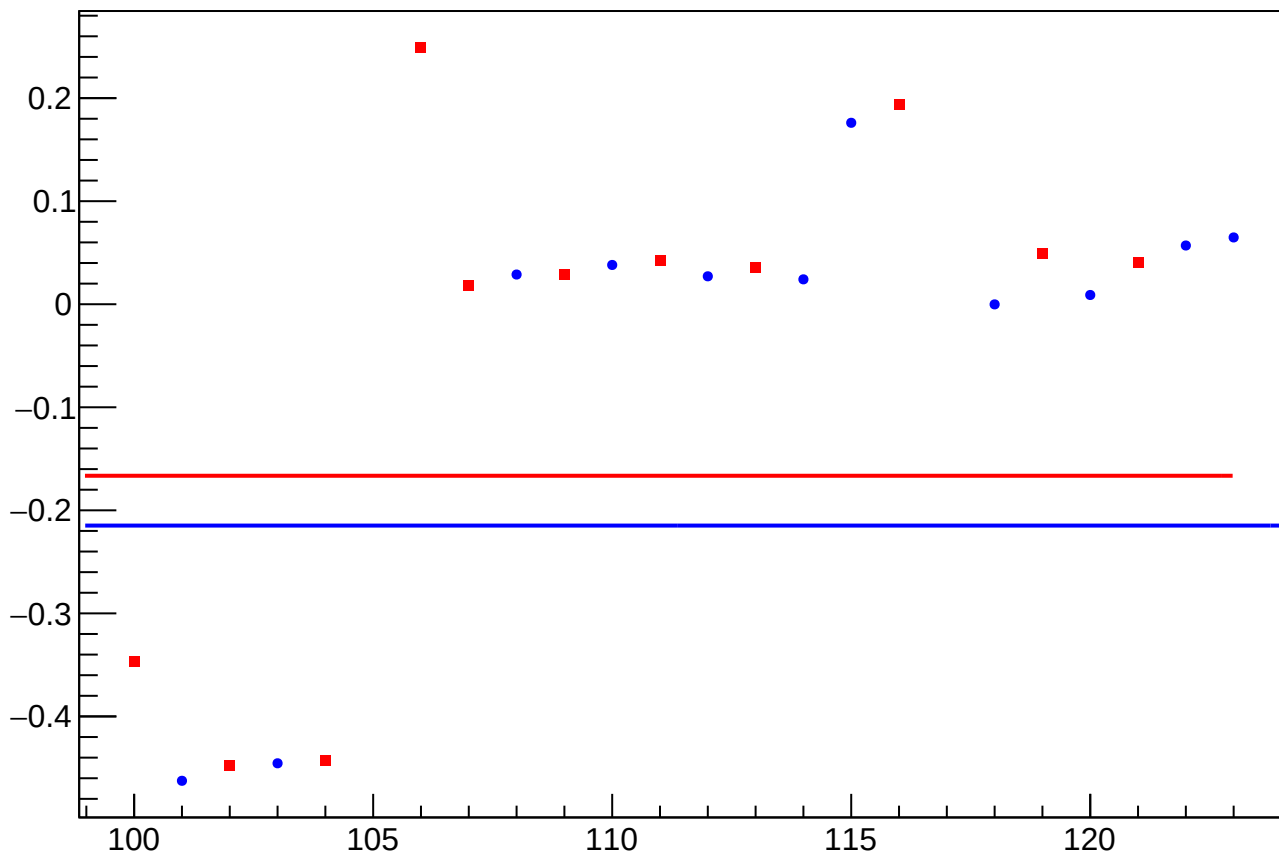
Right: 0.010+/-0.000 χ^2/NDF : 262287.5/21

In: 0.010+/-0.000 χ^2/NDF : 123271.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 262287.5/21

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.215+/-0.000 χ^2/NDF : 11291594875.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.166+/-0.000 χ^2/NDF : 13079627525.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

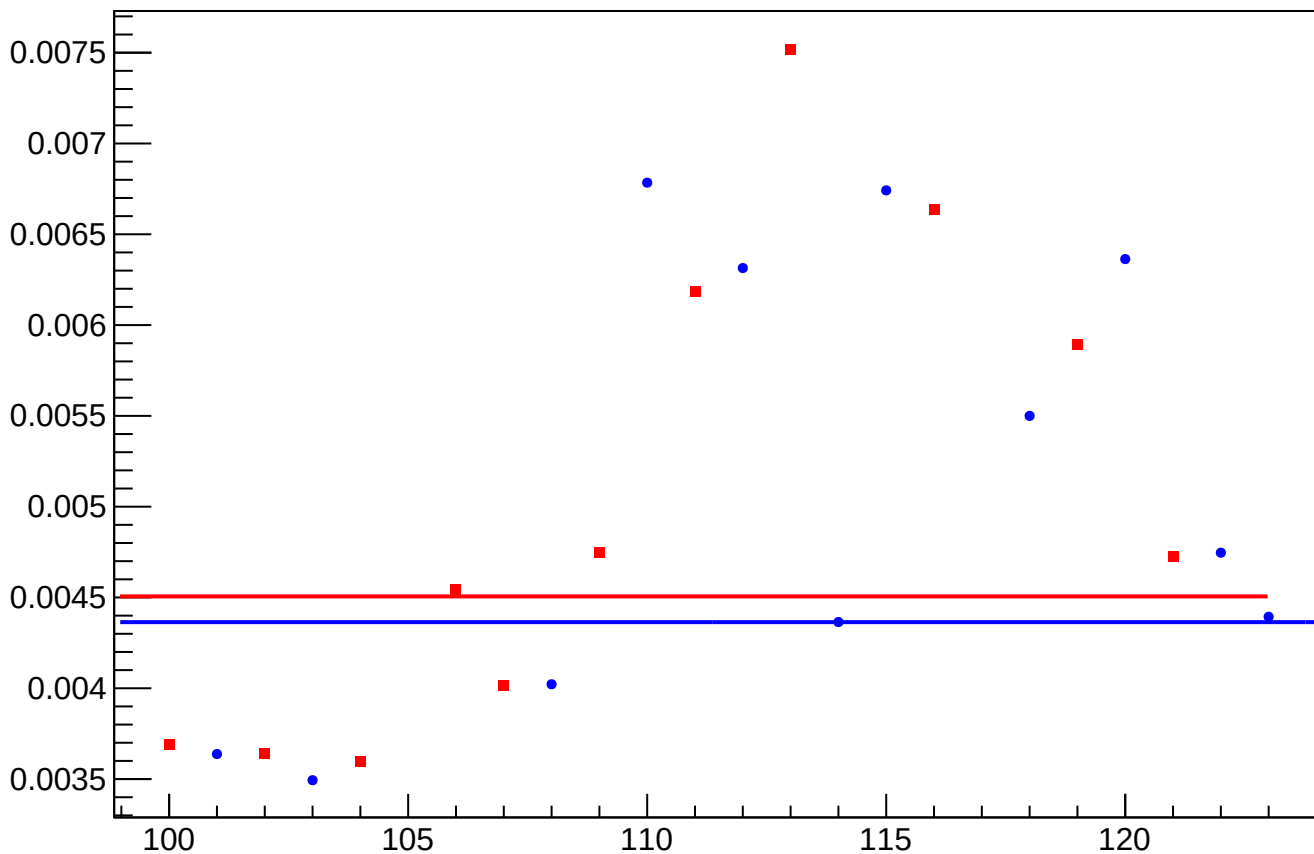
Right: -0.190+/-0.000 χ^2/NDF : 24597228890.6/21

In: -0.215+/-0.000 χ^2/NDF :11291594875.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.190+/-0.000 χ^2/NDF : 24597228890.6/21

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 438041.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 469708.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

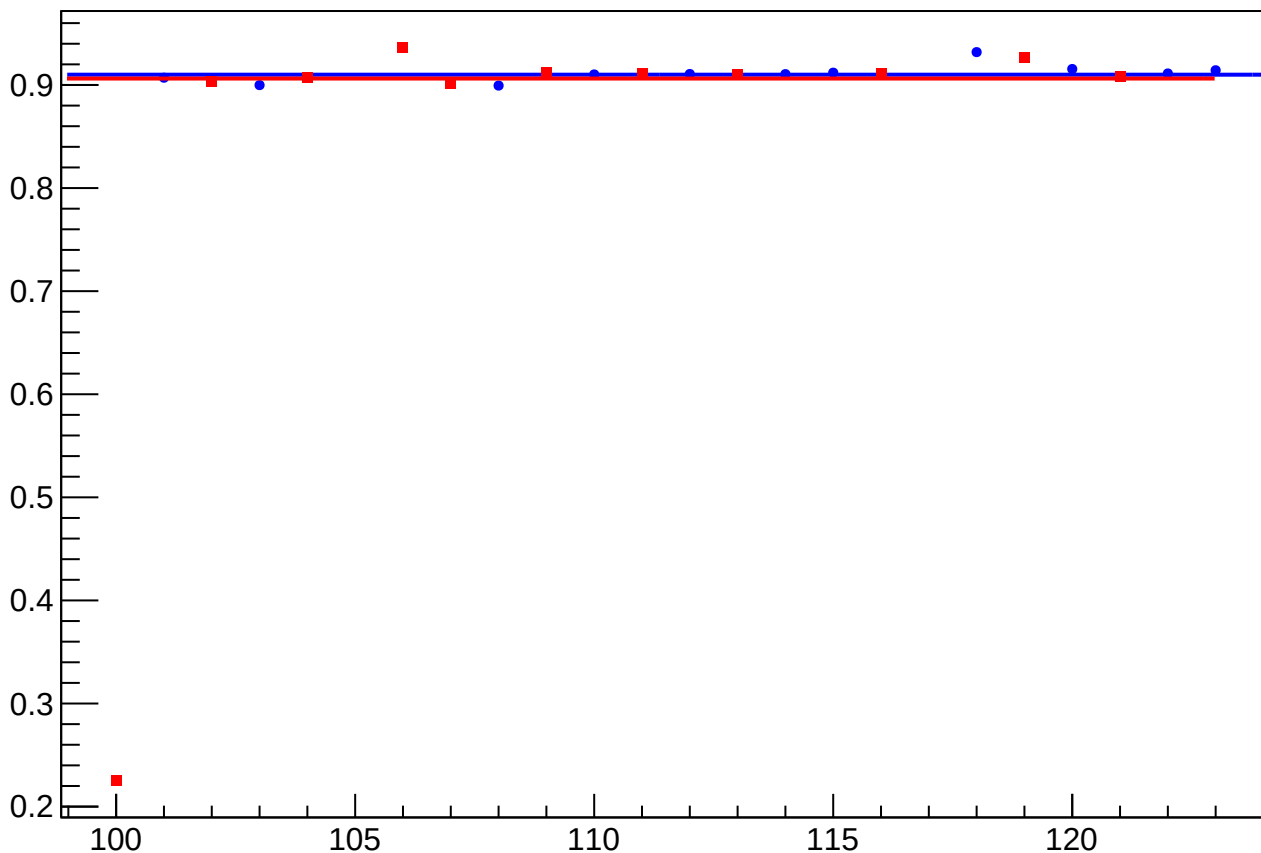
Right: 0.004+/-0.000 χ^2/NDF : 911635.3/21

In: 0.004+/-0.000 χ^2/NDF :438041.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 911635.3/21

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 2401006.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.906+/-0.000 χ^2/NDF : 219618893.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

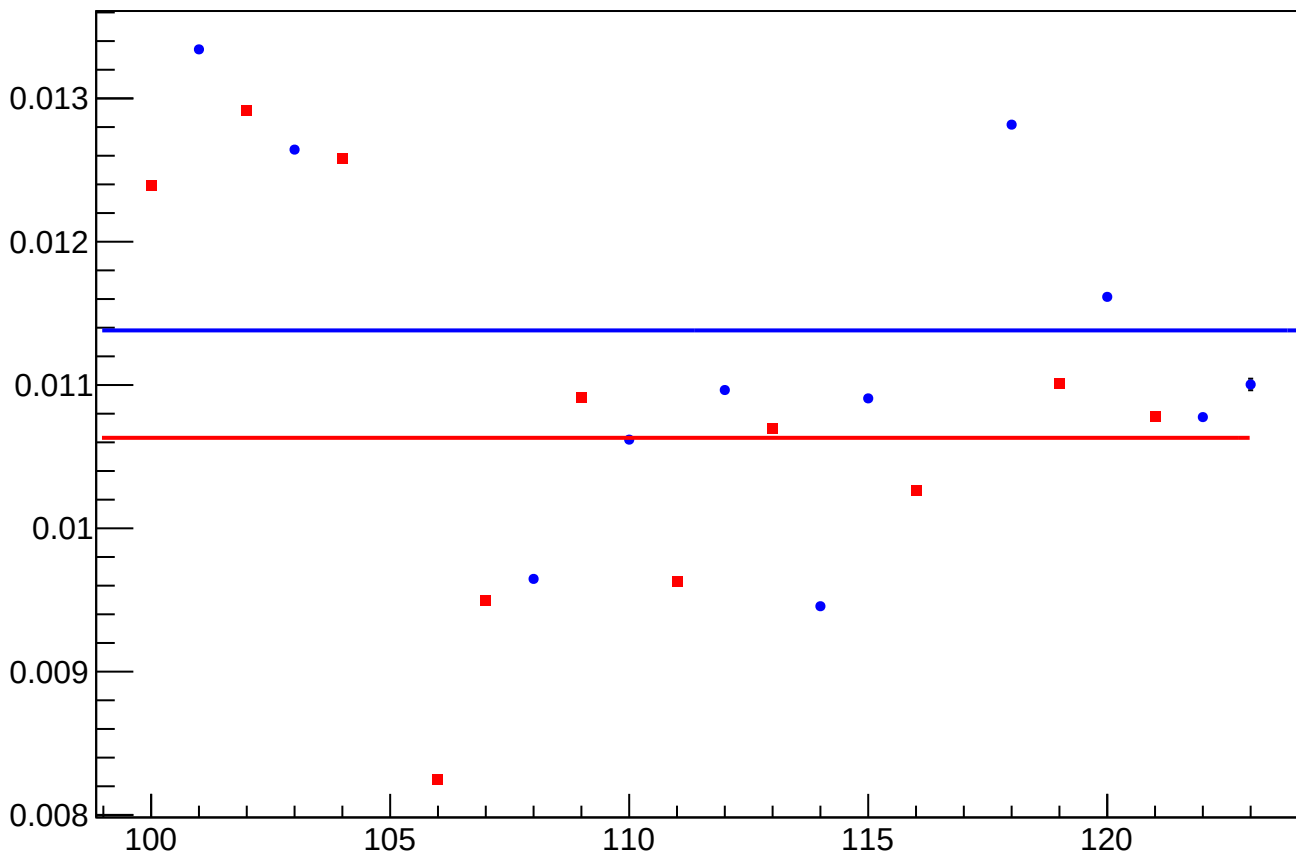
Right: 0.908+/-0.000 χ^2/NDF : 222259857.9/21

In: 0.910+/-0.000 χ^2/NDF :2401006.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.908+/-0.000 χ^2/NDF : 222259857.9/21

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 94316.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 137932.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

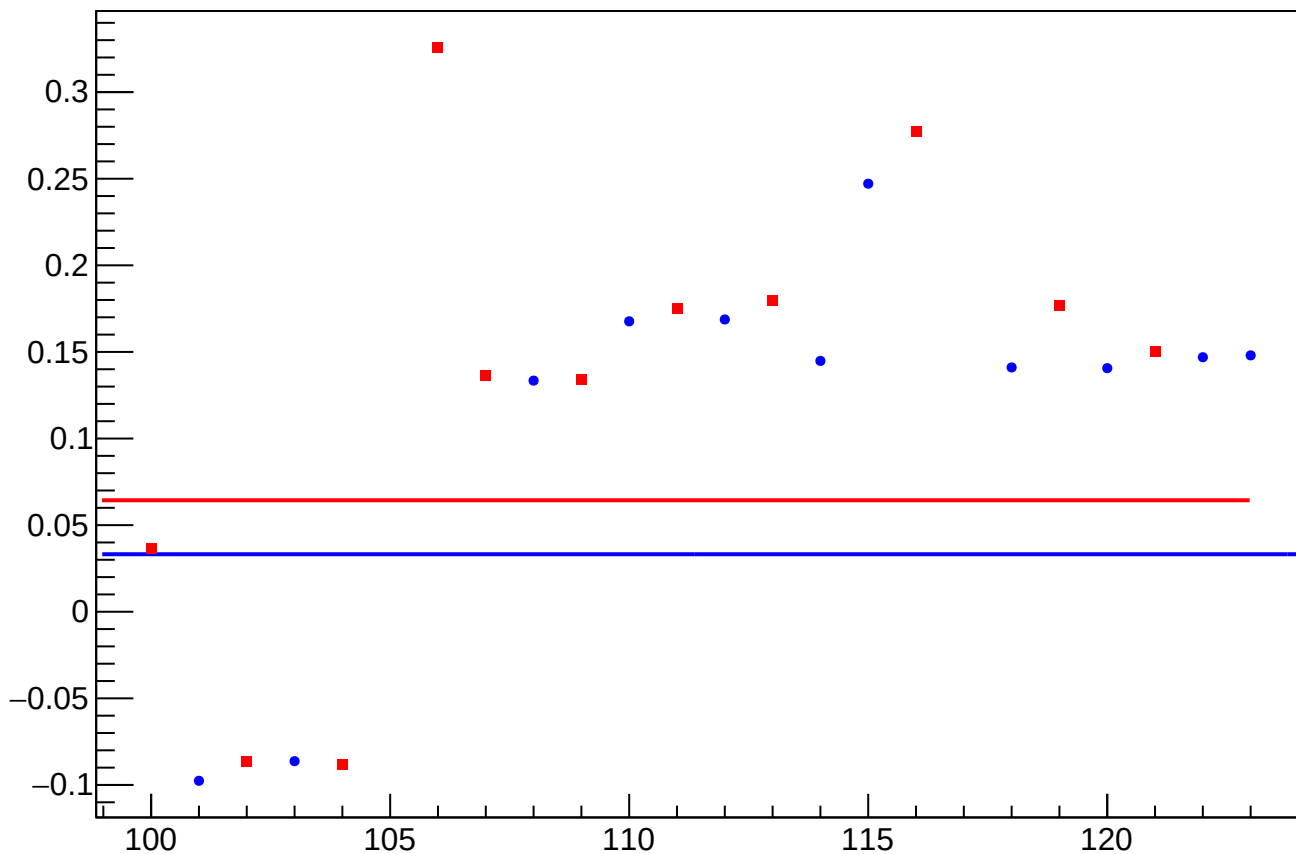
Right: 0.011+/-0.000 χ^2/NDF : 251528.0/21

In: 0.011+/-0.000 χ^2/NDF : 94316.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 251528.0/21

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 2393011134.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.064+/-0.000 χ^2/NDF : 3162019314.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

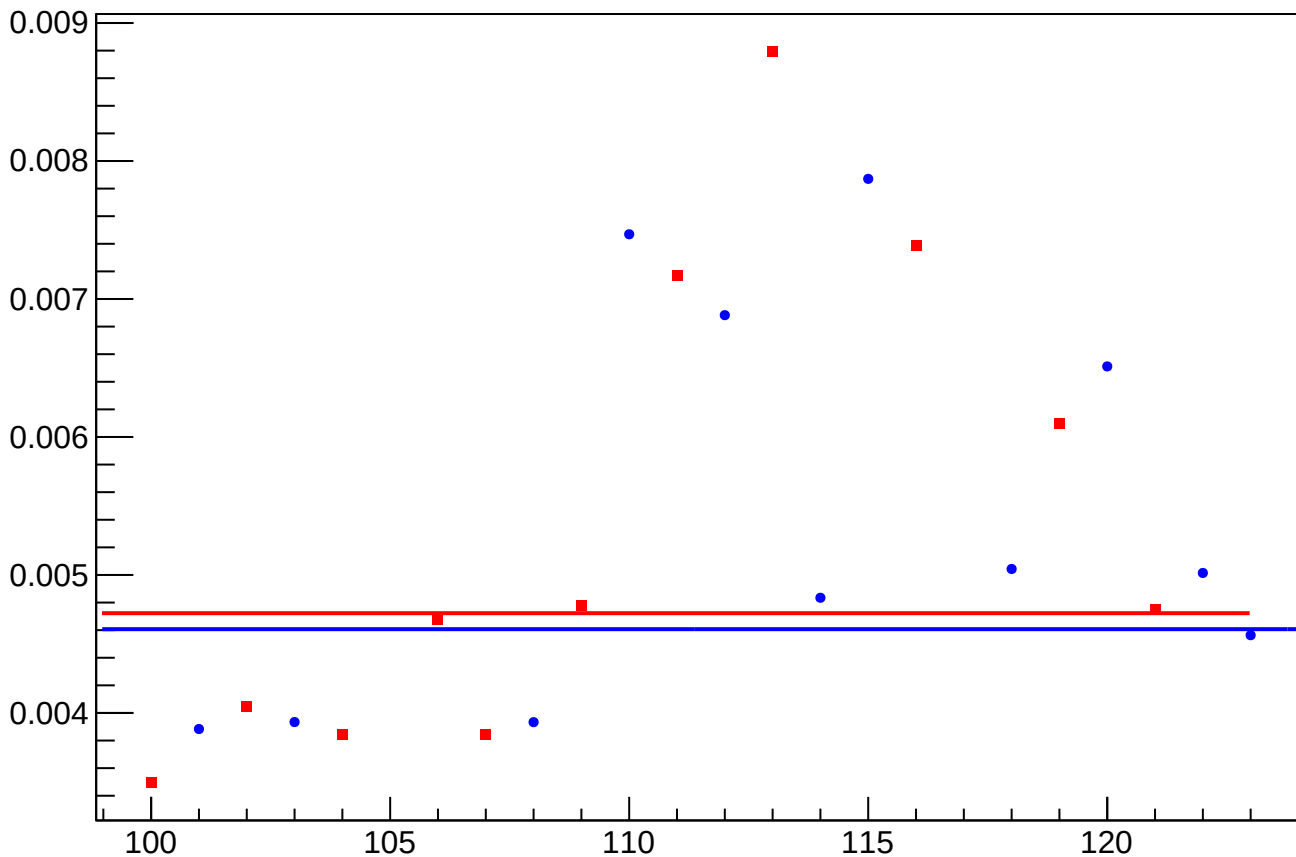
Right: 0.049+/-0.000 χ^2/NDF : 5637086388.0/21

In: 0.033+/-0.000 χ^2/NDF : 2393011134.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.000 χ^2/NDF : 5637086388.0/21

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 396111.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 522099.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

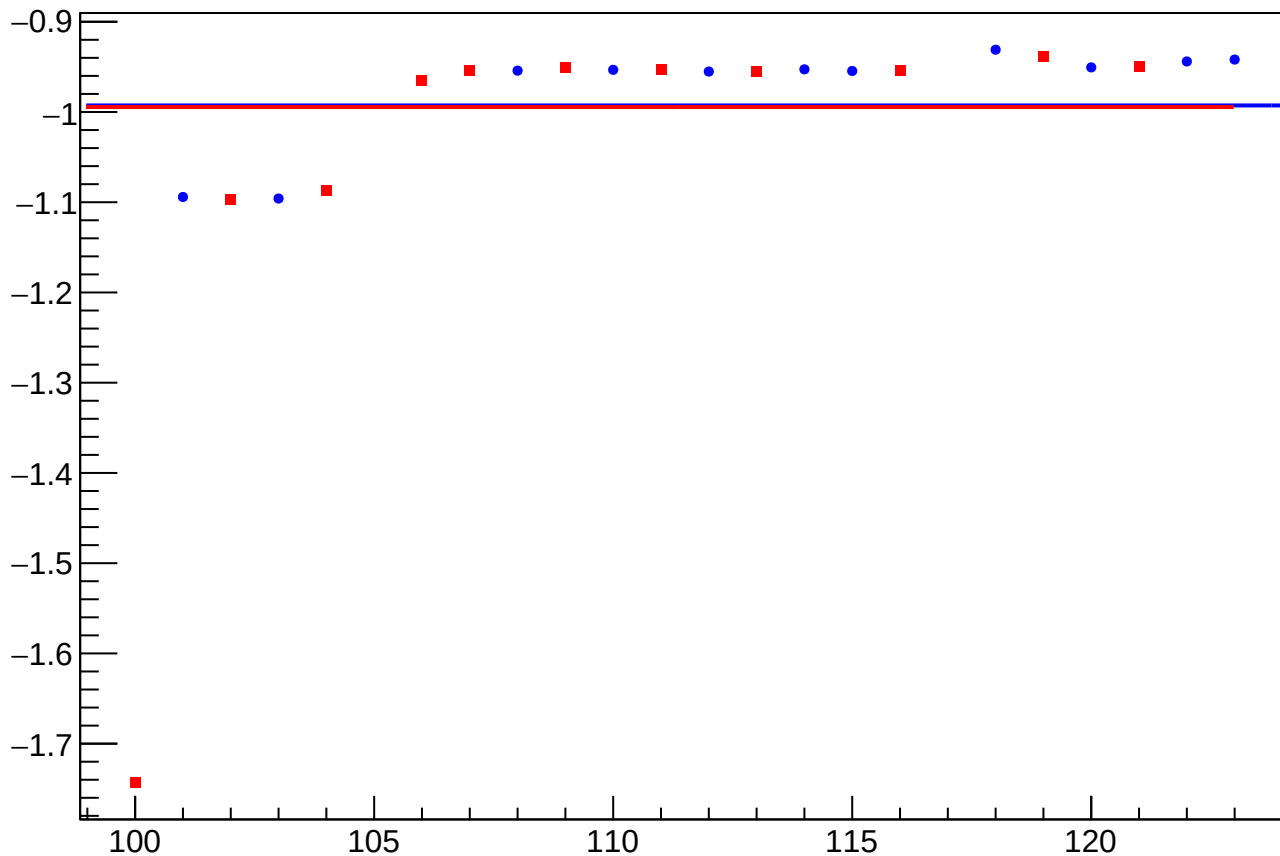
Right: 0.005+/-0.000 χ^2/NDF : 920485.7/21

In: 0.005+/-0.000 χ^2/NDF :396111.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 920485.7/21

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.993+/-0.000 χ^2/NDF : 121519950.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.995+/-0.000 χ^2/NDF : 420323700.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

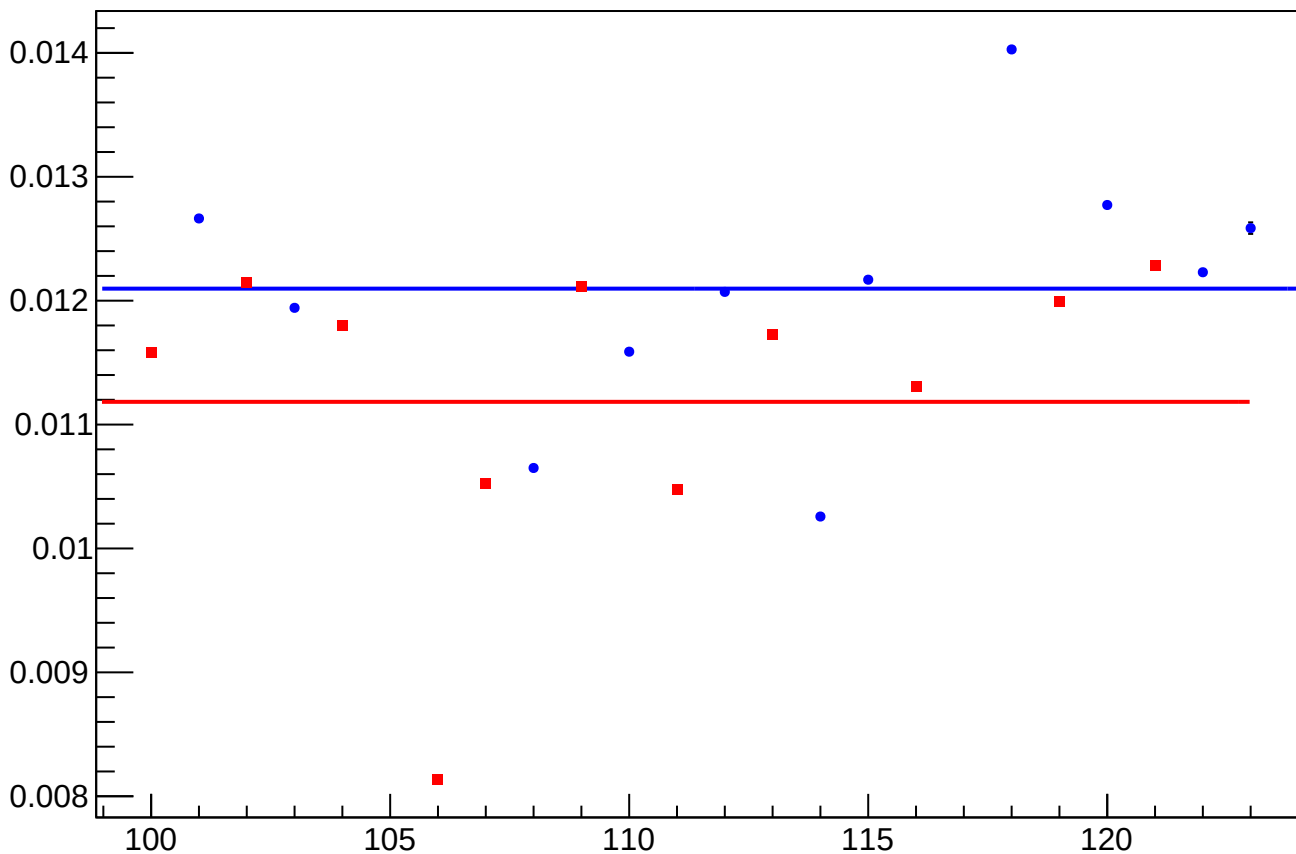
Right: -0.994+/-0.000 χ^2/NDF : 541891770.0/21

In: -0.993+/-0.000 χ^2/NDF :121519950.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.994+/-0.000 χ^2/NDF : 541891770.0/21

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 46202.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 126509.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

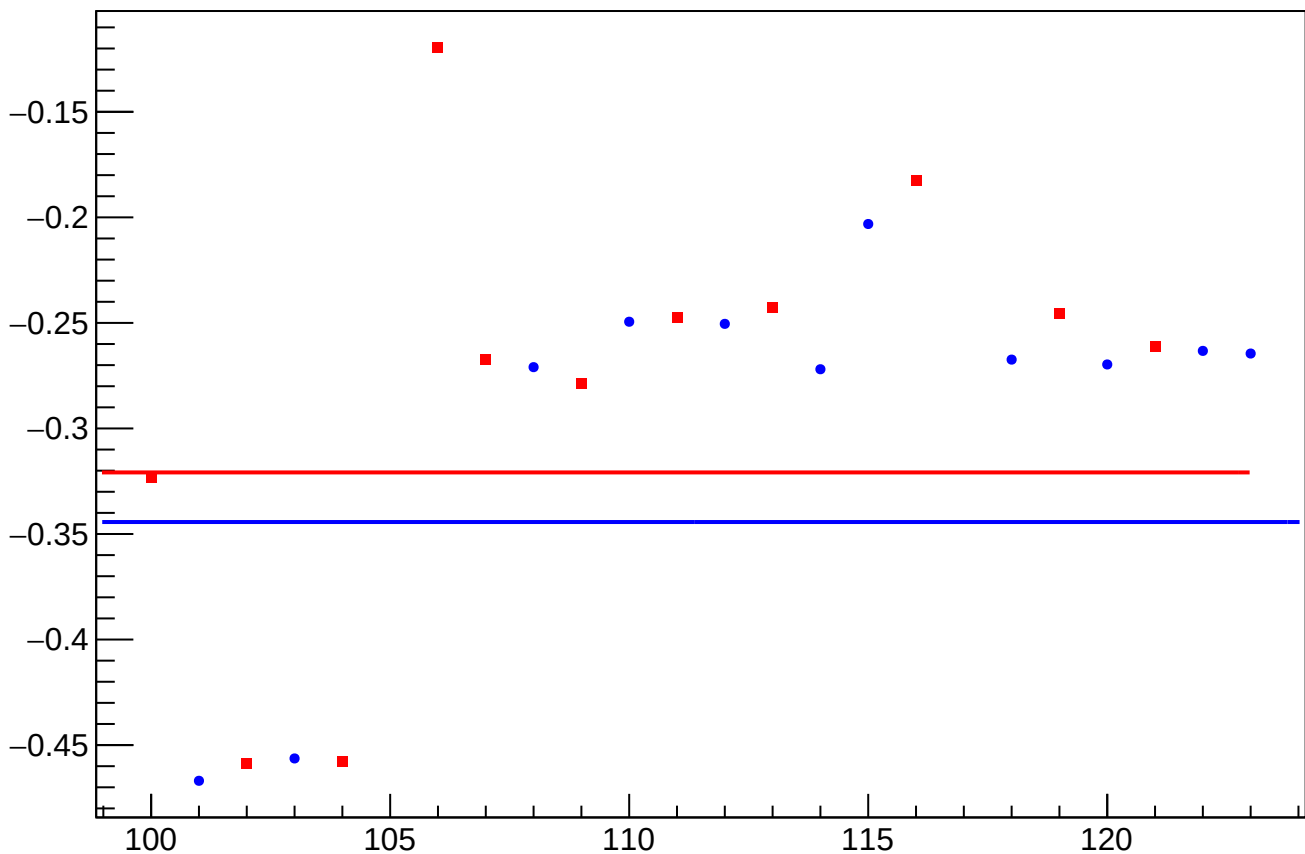
Right: 0.012+/-0.000 χ^2/NDF : 198341.0/21

In: 0.012+/-0.000 χ^2/NDF : 46202.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 198341.0/21

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.344+/-0.000 χ^2/NDF : 2130616086.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.321+/-0.000 χ^2/NDF : 2541240280.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

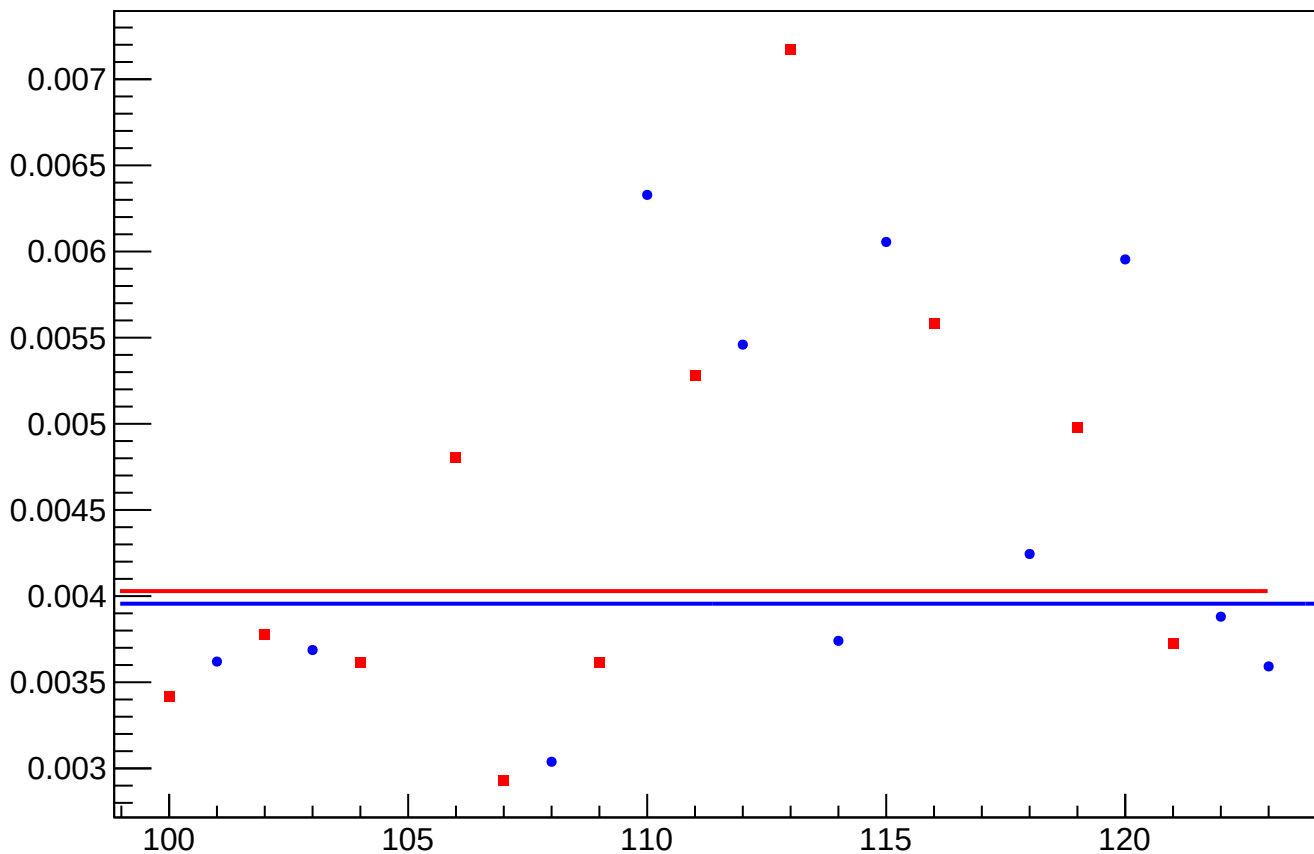
Right: -0.332+/-0.000 χ^2/NDF : 4735614936.7/21

In: -0.344+/-0.000 χ^2/NDF : 2130616086.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.332+/-0.000 χ^2/NDF : 4735614936.7/21

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 346221.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 401898.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

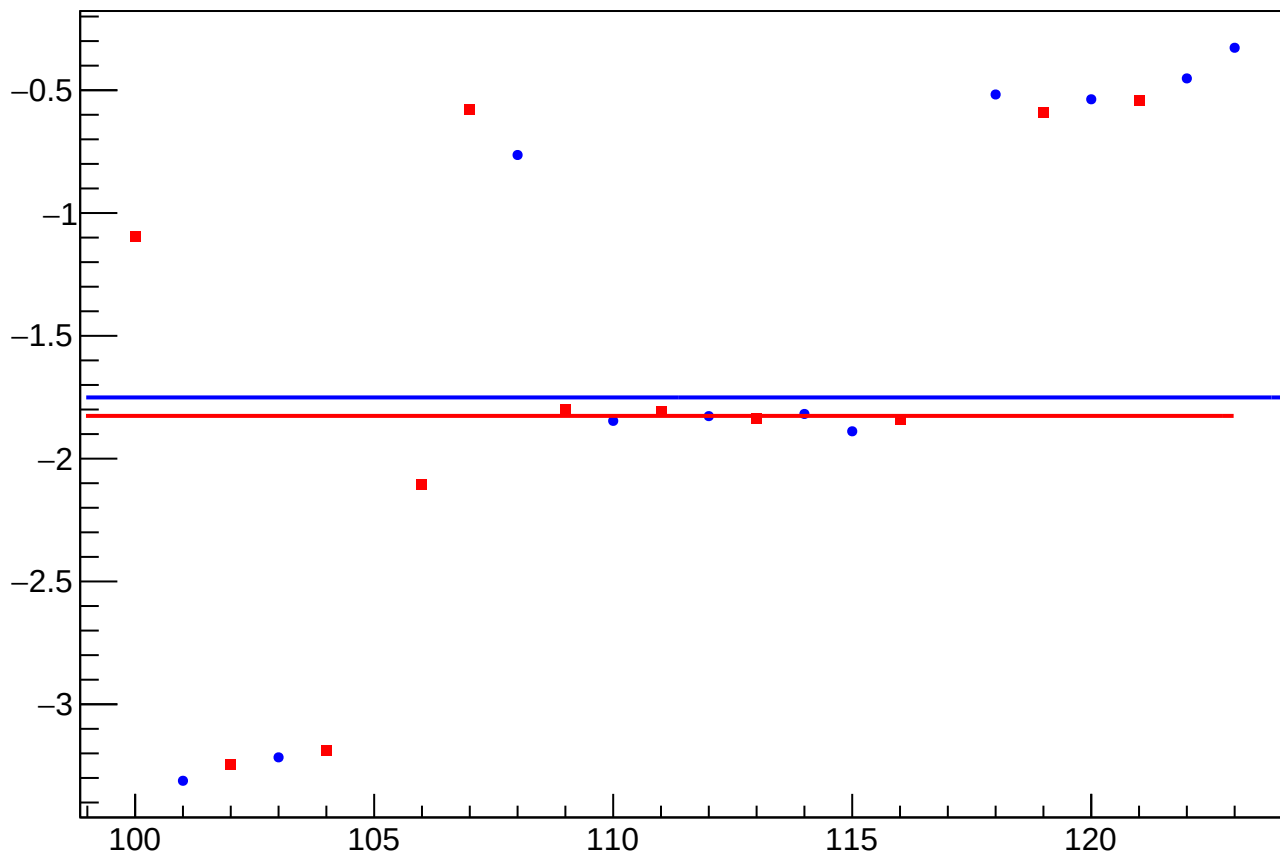
Right: 0.004+/-0.000 χ^2/NDF : 749357.2/21

In: 0.004+/-0.000 χ^2/NDF :346221.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 749357.2/21

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.751+/-0.000 χ^2/NDF : 997738964.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.826+/-0.000 χ^2/NDF : 811525154.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

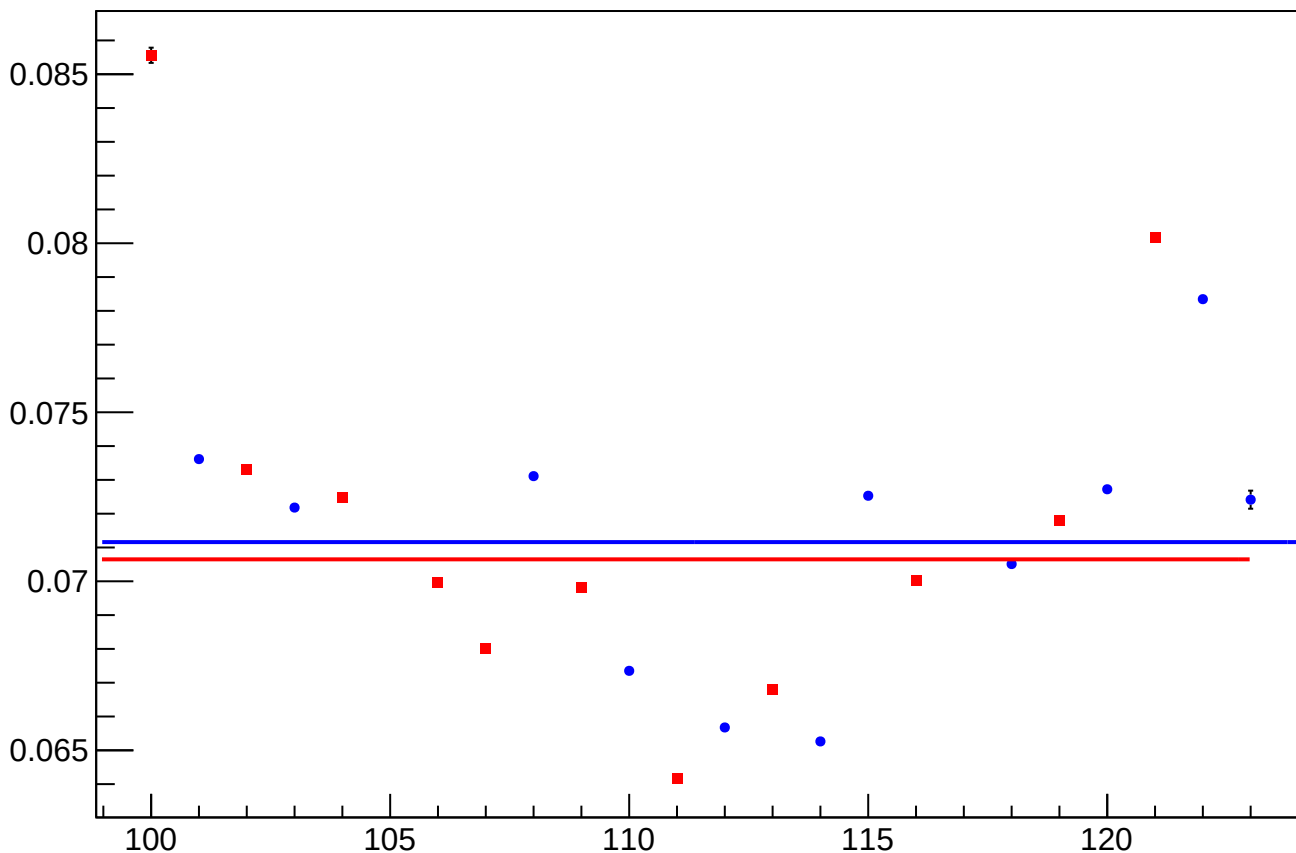
Right: -1.791+/-0.000 χ^2/NDF : 1811686781.5/21

In: -1.751+/-0.000 χ^2/NDF :997738964.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.791+/-0.000 χ^2/NDF : 1811686781.5/2

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 20856.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 32009.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

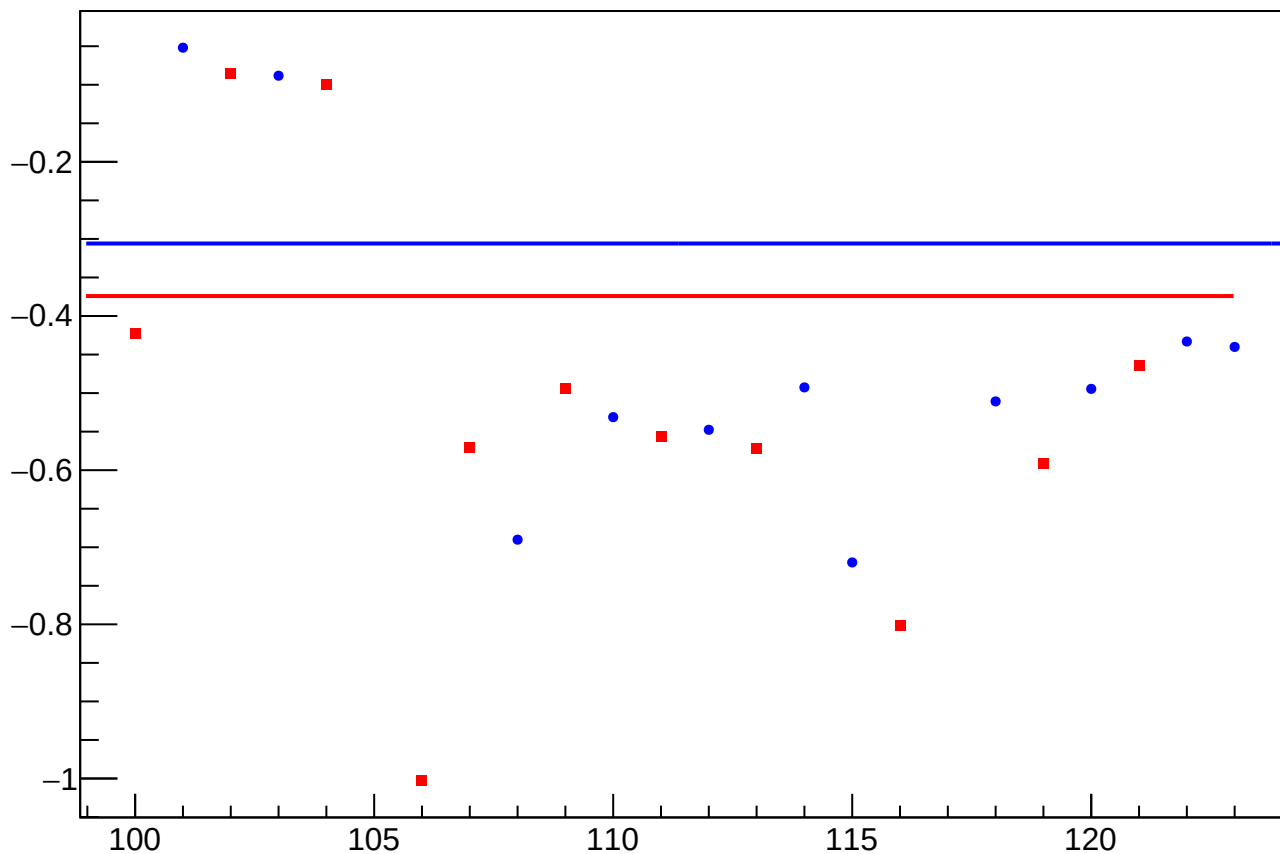
Right: 0.071+/-0.000 χ^2/NDF : 53090.0/21

In: 0.071+/-0.000 χ^2/NDF :20856.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.071+/-0.000 χ^2/NDF : 53090.0/21

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.306+/-0.000 χ^2/NDF : 1758736178.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.374+/-0.000 χ^2/NDF : 2611626272.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

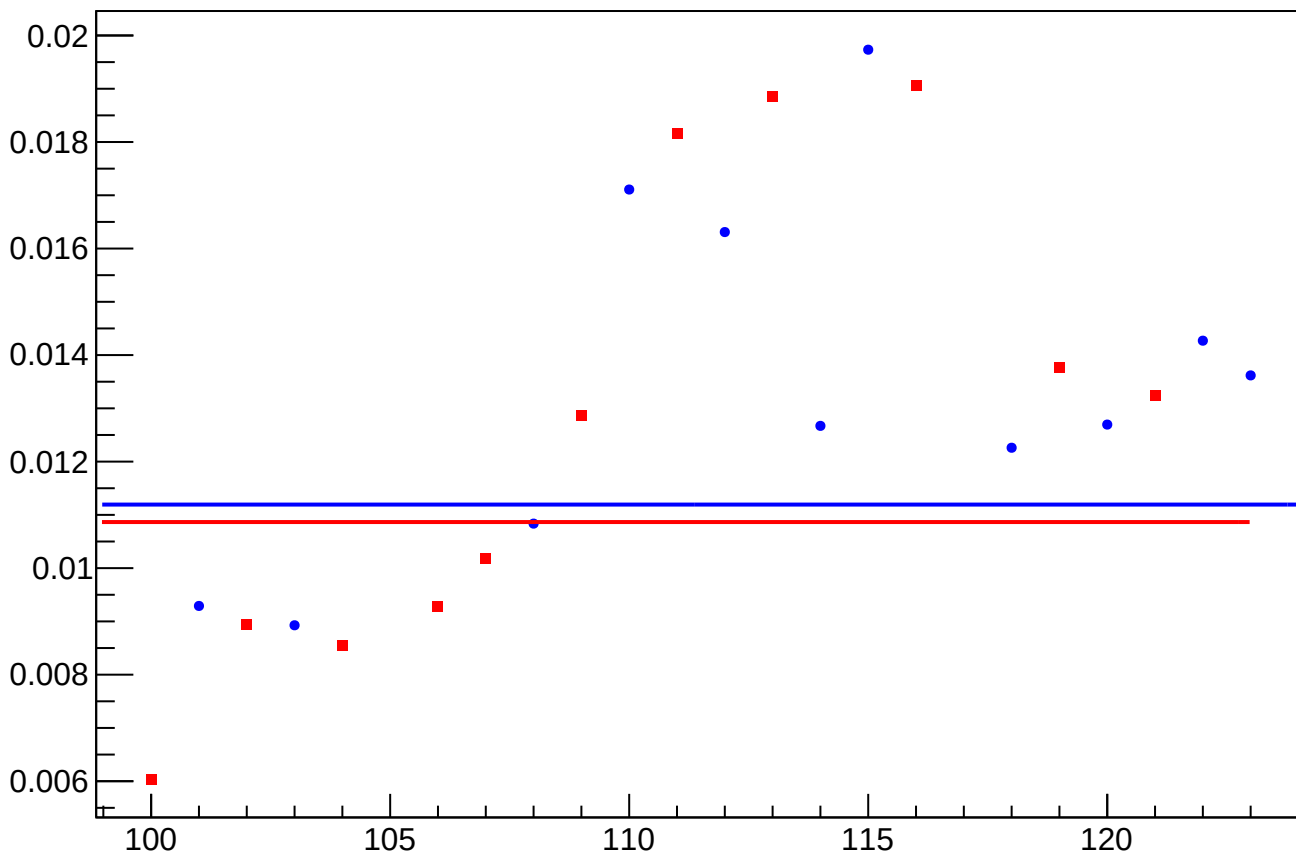
Right: -0.342+/-0.000 χ^2/NDF : 4441858547.0/21

In: -0.306+/-0.000 χ^2/NDF : 1758736178.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.342+/-0.000 χ^2/NDF : 4441858547.0/2

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 398542.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 717244.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

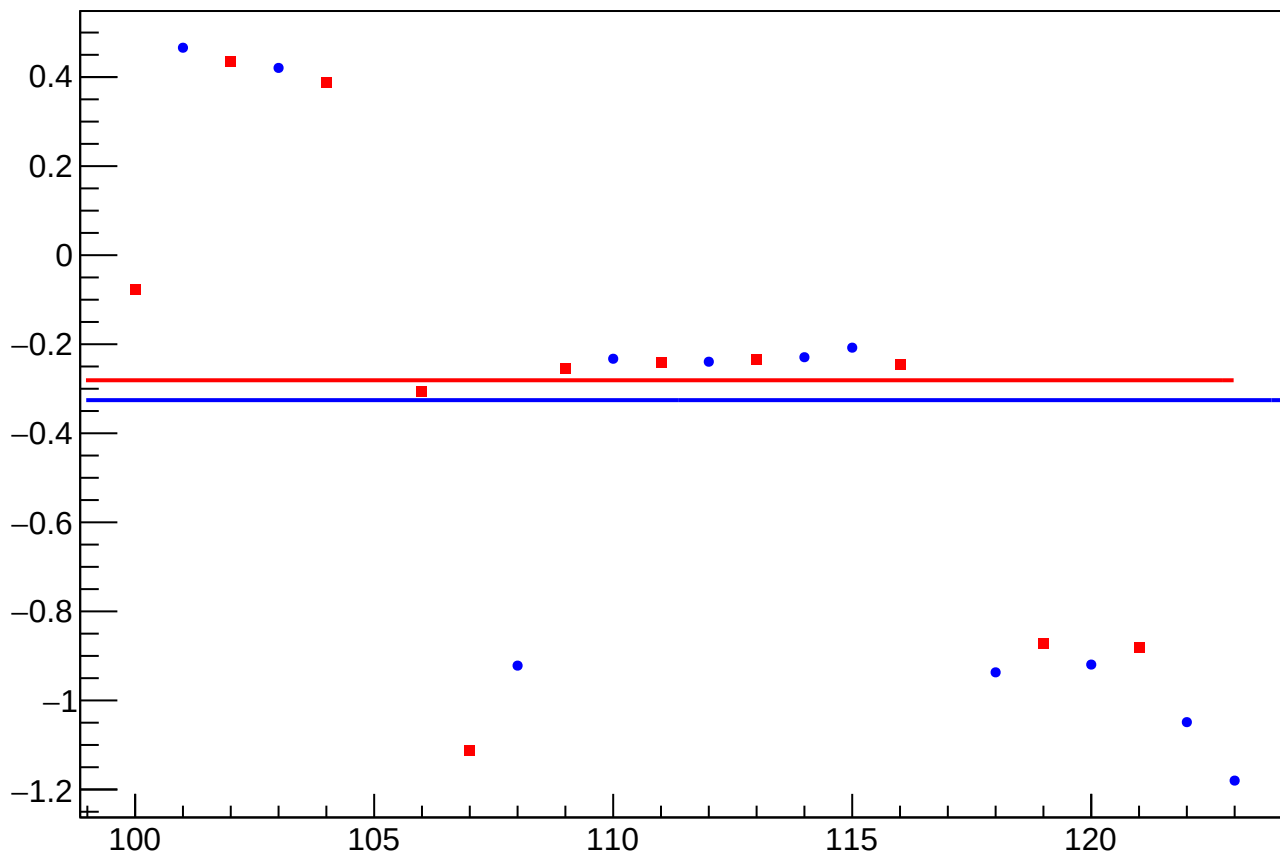
Right: 0.011+/-0.000 χ^2/NDF : 1119097.1/21

In: 0.011+/-0.000 χ^2/NDF :398542.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1119097.1/21

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.326+/-0.000 χ^2/NDF : 184343481.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.281+/-0.000 χ^2/NDF : 141321448.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

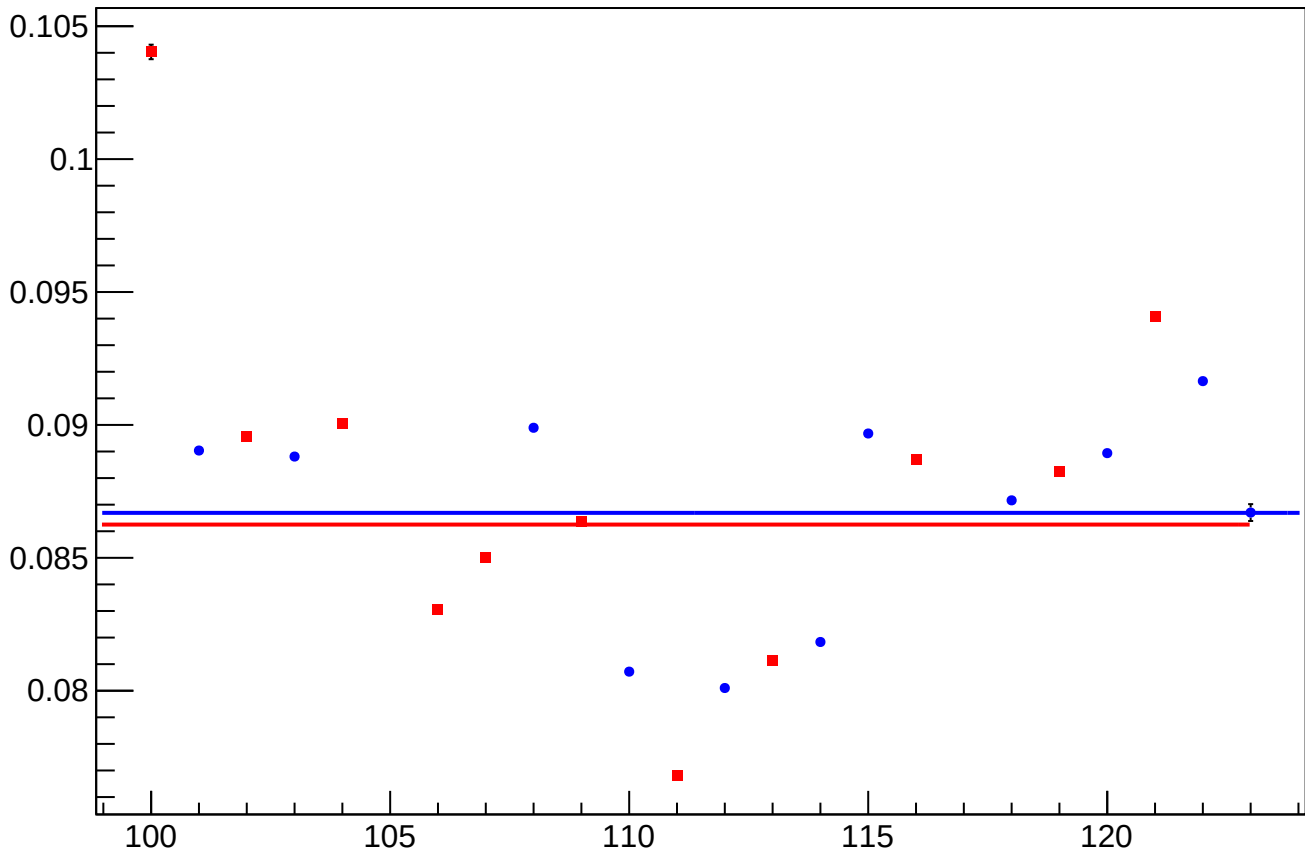
Right: -0.302+/-0.000 χ^2/NDF : 326245556.6/21

In: -0.326+/-0.000 χ^2/NDF :184343481.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.302+/-0.000 χ^2/NDF : 326245556.6/21

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 17541.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 33217.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

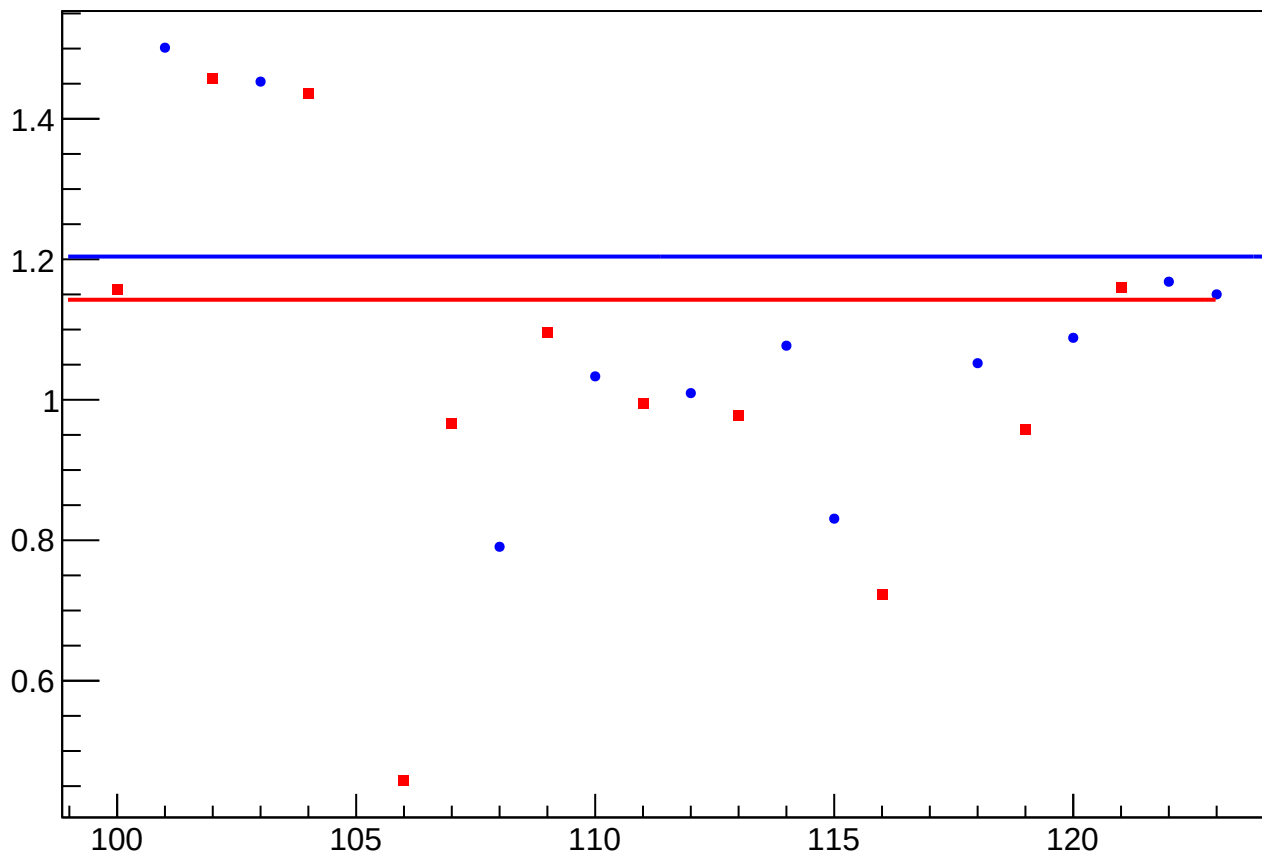
Right: 0.086+/-0.000 χ^2/NDF : 50871.7/21

In: 0.087+/-0.000 χ^2/NDF : 17541.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 50871.7/21

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.204+/-0.000

χ^2/NDF : 1054690429.9/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.172+/-0.000 χ^2/NDF : 2579471570.1/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.204+/-0.000 χ^2/NDF : 1054690429.9/10

Right Out: 1.142+/-0.000 χ^2/NDF : 1491842900.1/10

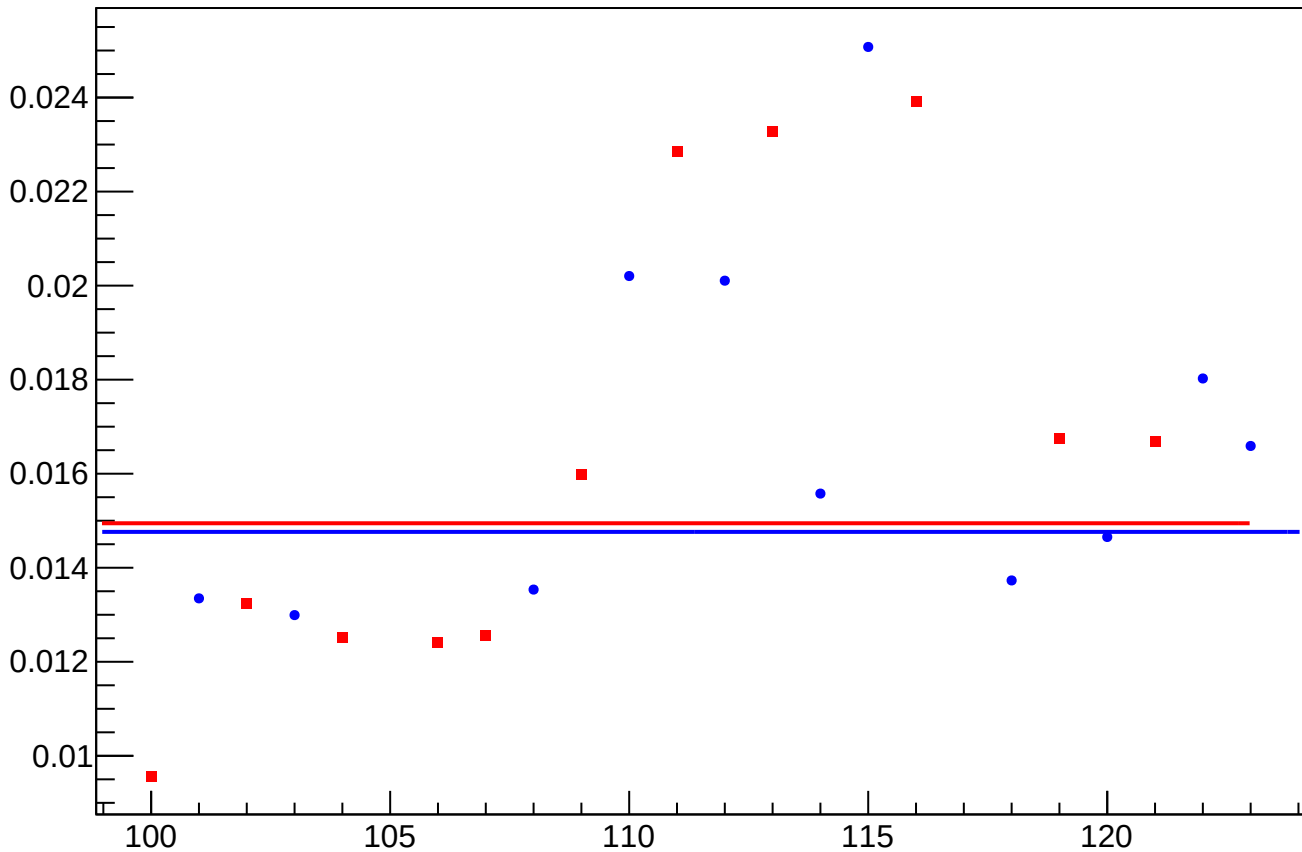
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.172+/-0.000 χ^2/NDF : 2579471570.1/21

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 225926.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 437281.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

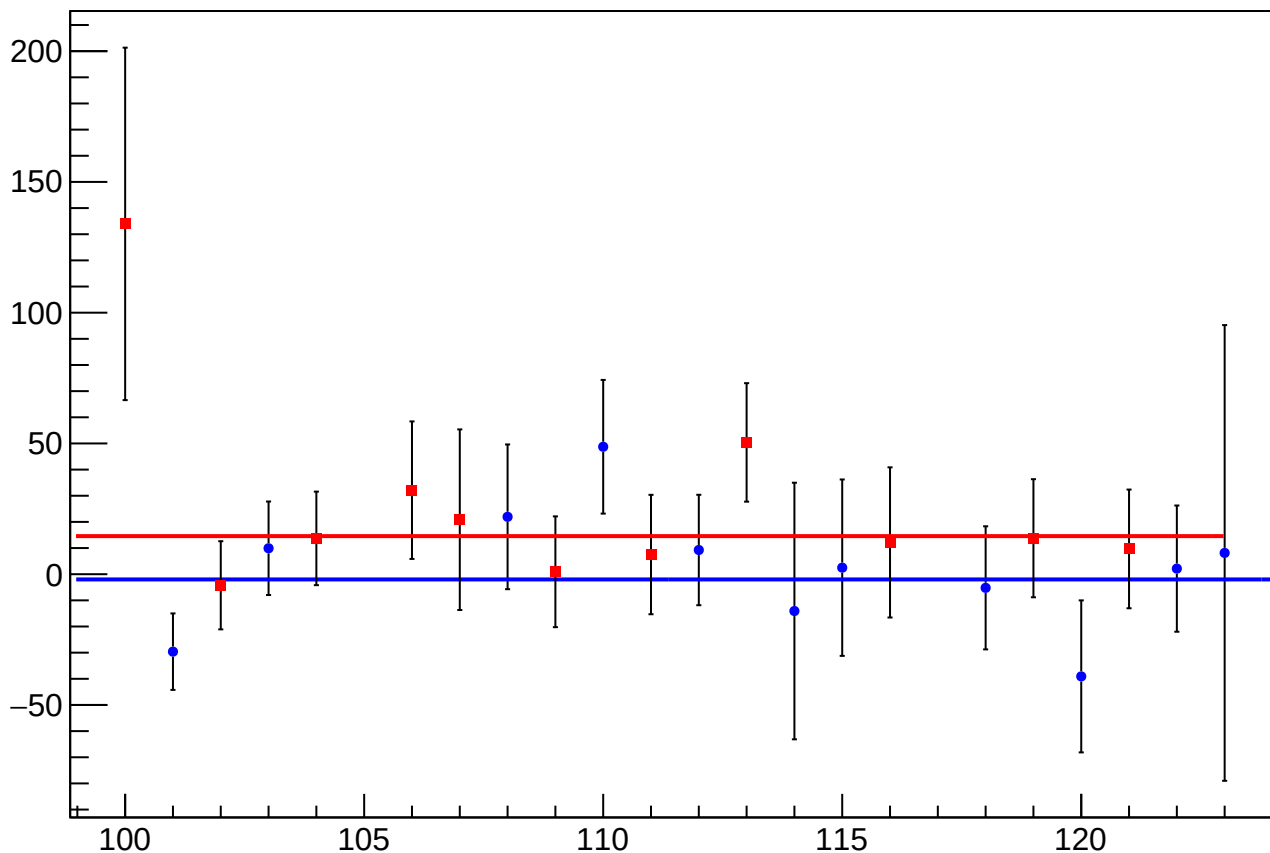
Right: 0.015+/-0.000 χ^2/NDF : 663794.5/21

In: 0.015+/-0.000 χ^2/NDF :225926.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 663794.5/21

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.002 $\pm$ 7.252 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.562 $\pm$ 7.008 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

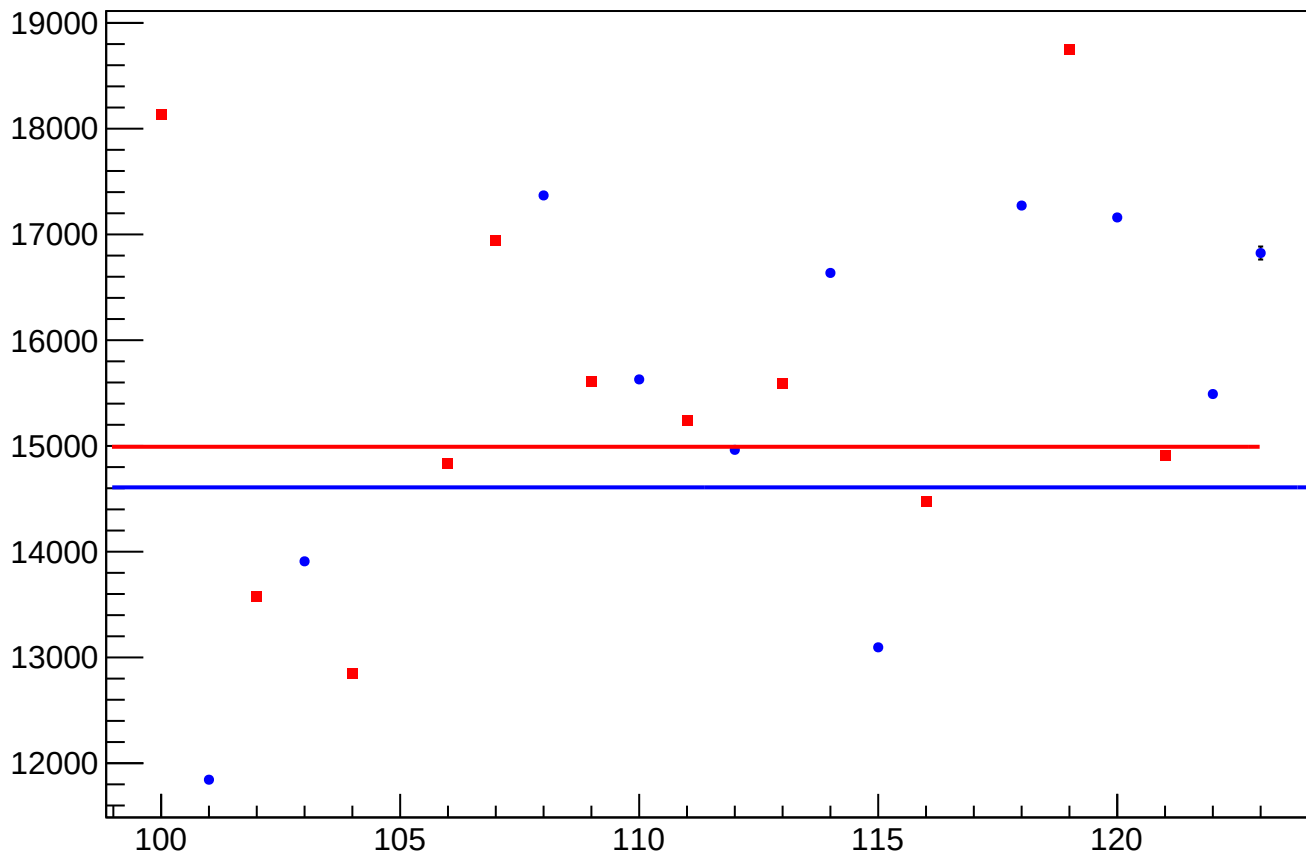
Right: 6.563 $\pm$ 5.039 χ^2 /NDF: 21.4/21

In: -2.002 $\pm$ 7.252 χ^2 /NDF:10.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.563 $\pm$ 5.039 χ^2 /NDF: 21.4/21

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14608.425+/-5.128 χ^2/NDF : 150662.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14992.128+/-4.955 χ^2/NDF : 113218.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

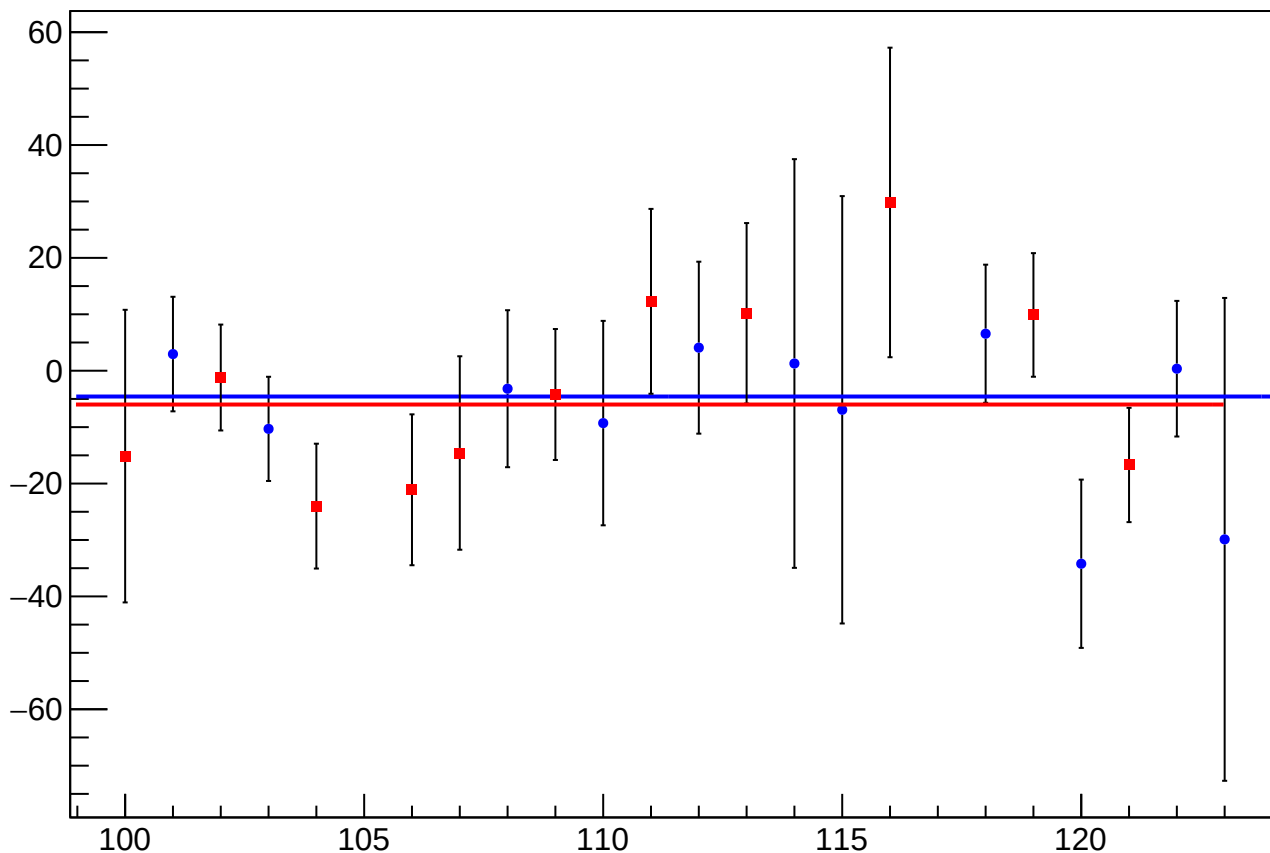
Right: 14806.838+/-3.563 χ^2/NDF : 266775.7/21

In: 14608.425+/-5.128 χ^2/NDF : 150662.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14806.838+/-3.563 χ^2/NDF : 266775.7/21

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.573+/-4.301 χ^2/NDF : 6.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.993+/-3.938 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

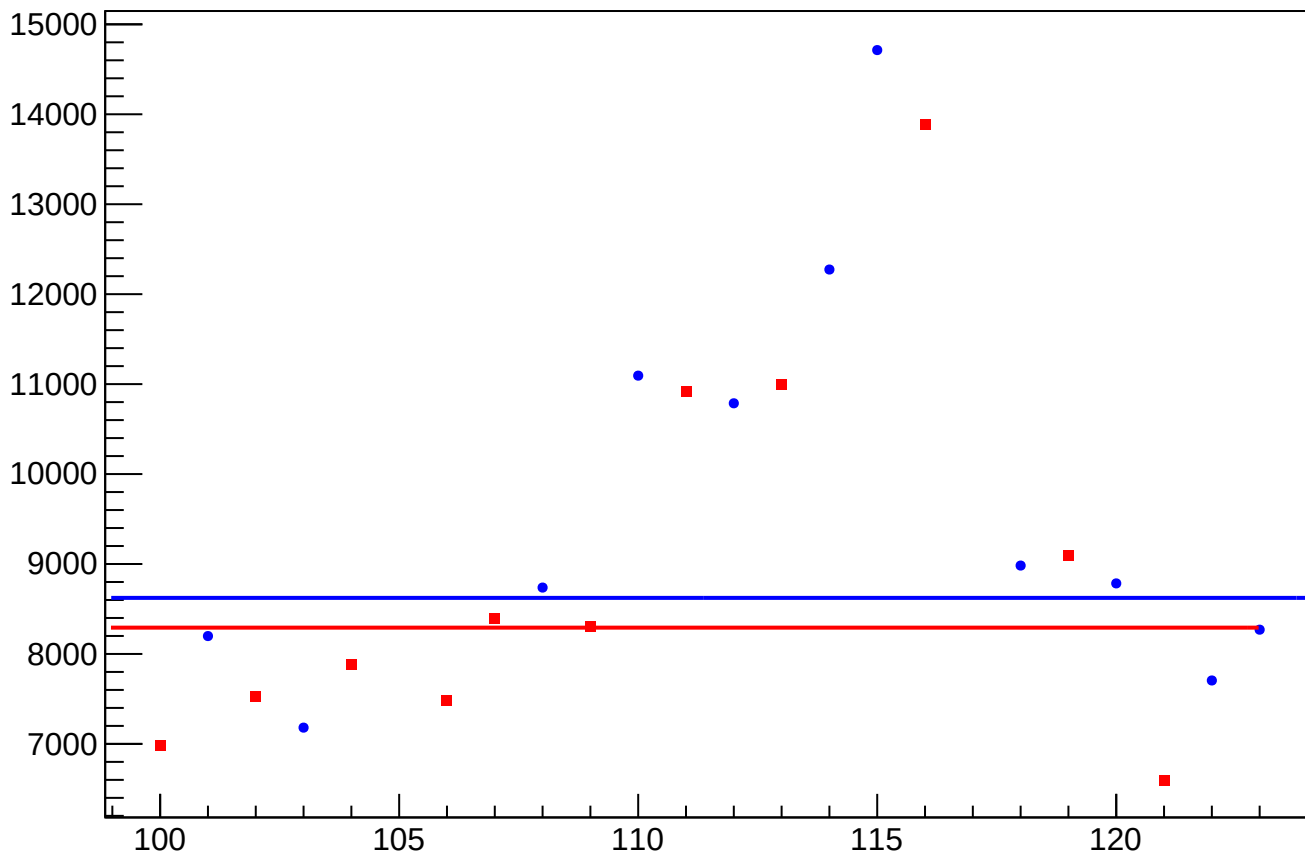
Right: -5.345+/-2.905 χ^2/NDF : 18.5/21

In: -4.573+/-4.301 χ^2/NDF : 6.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.345+/-2.905 χ^2/NDF : 18.5/21

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8623.408+/-3.041 χ^2/NDF : 215760.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8292.552+/-2.785 χ^2/NDF : 287003.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

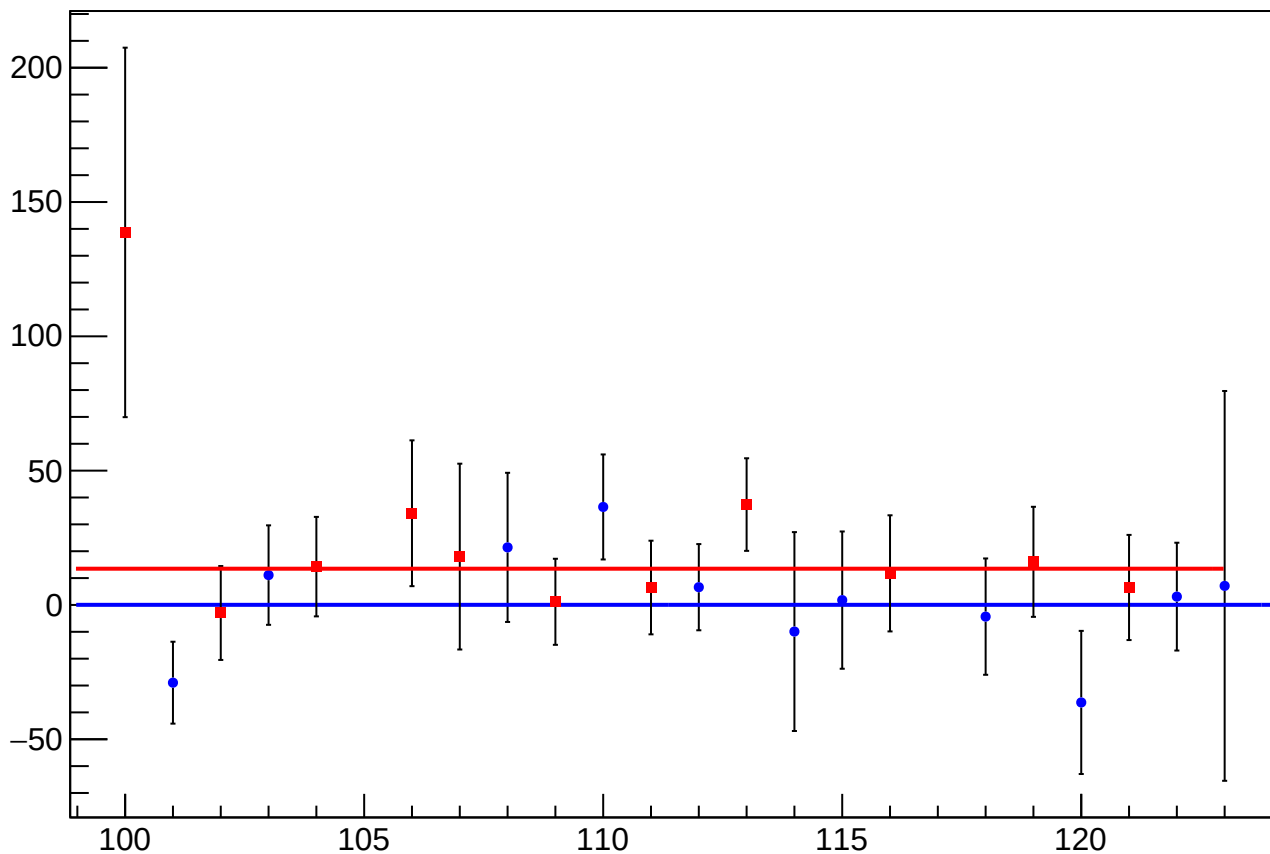
Right: 8443.433+/-2.054 χ^2/NDF : 509201.5/21

In: 8623.408+/-3.041 χ^2/NDF :215760.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8443.433+/-2.054 χ^2/NDF : 509201.5/21

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.043+/-6.525 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.492+/-6.168 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

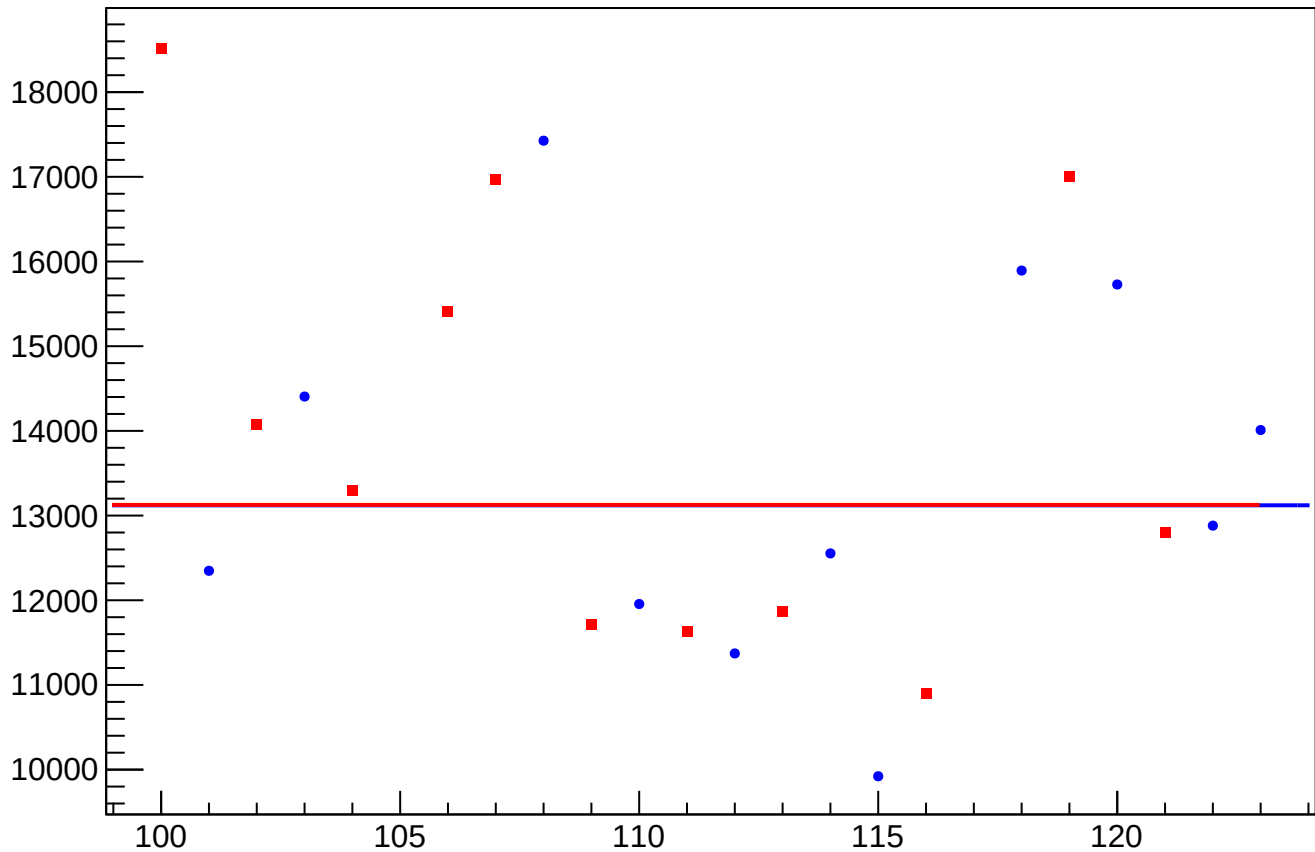
Right: 7.144+/-4.482 χ^2/NDF : 20.1/21

In: 0.043+/-6.525 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.144+/-4.482 χ^2/NDF : 20.1/21

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13121.315+/-4.614 χ^2/NDF : 178078.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13125.963+/-4.362 χ^2/NDF : 191754.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

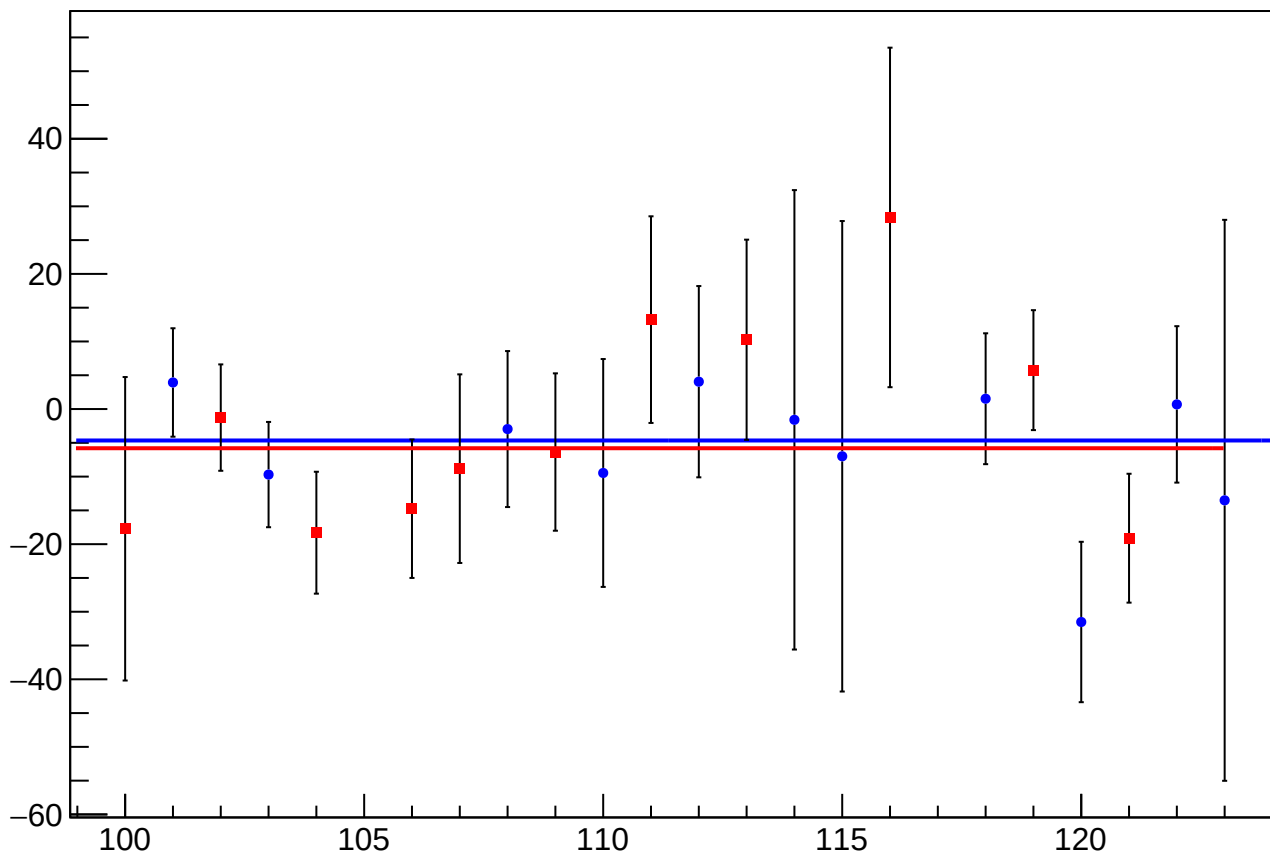
Right: 13123.770+/-3.169 χ^2/NDF : 369834.2/21

In: 13121.315+/-4.614 χ^2/NDF : 178078.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13123.770+/-3.169 χ^2/NDF : 369834.2/21

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.654 ± 3.639 χ^2/NDF : 7.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.802 ± 3.399 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

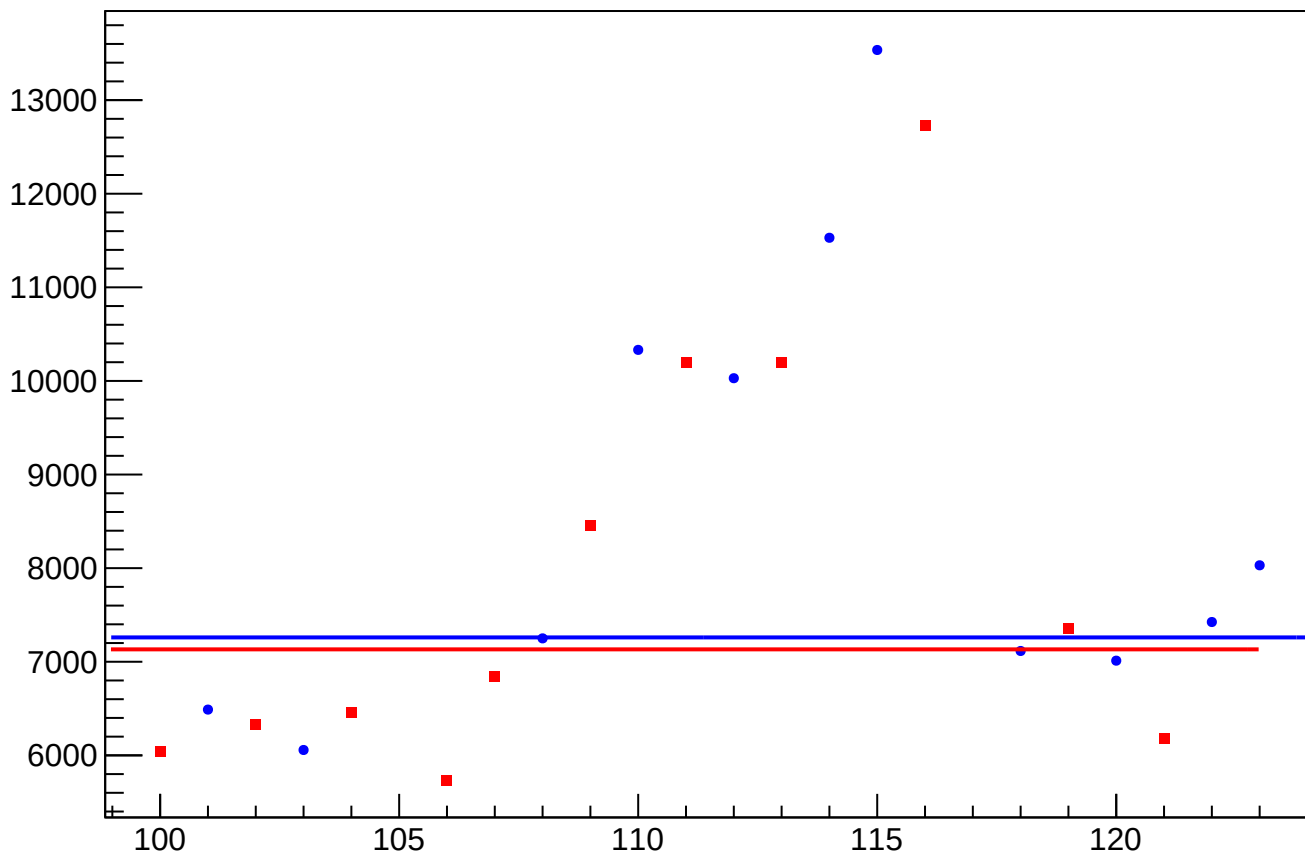
Right: -5.267 ± 2.484 χ^2/NDF : 19.5/21

In: -4.654 ± 3.639 χ^2/NDF : 7.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.267 ± 2.484 χ^2/NDF : 19.5/21

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7260.073+/-2.573 χ^2/NDF : 307940.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7132.420+/-2.404 χ^2/NDF : 386955.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

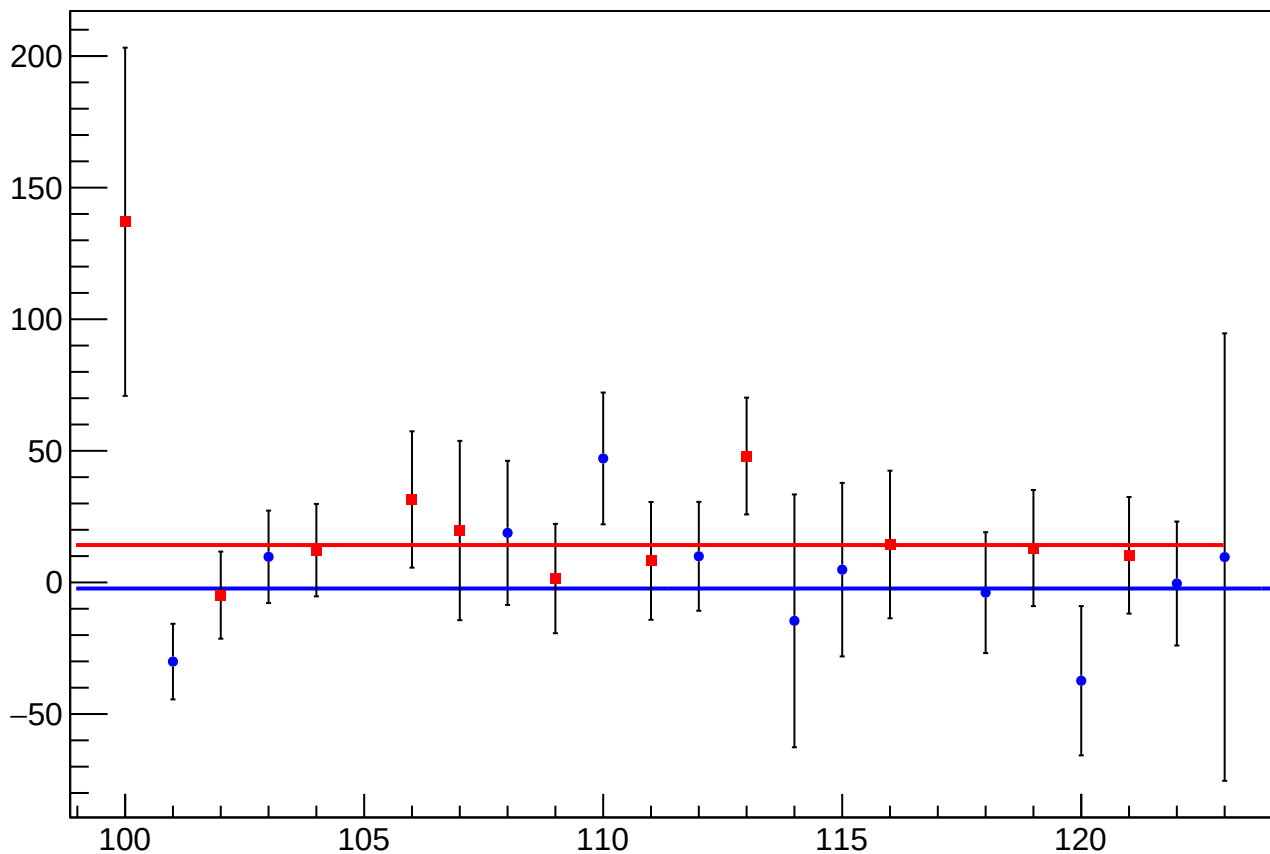
Right: 7191.899+/-1.757 χ^2/NDF : 696210.6/21

In: 7260.073+/-2.573 χ^2/NDF : 307940.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7191.899+/-1.757 χ^2/NDF : 696210.6/21

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.313+/-7.109 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.205+/-6.871 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

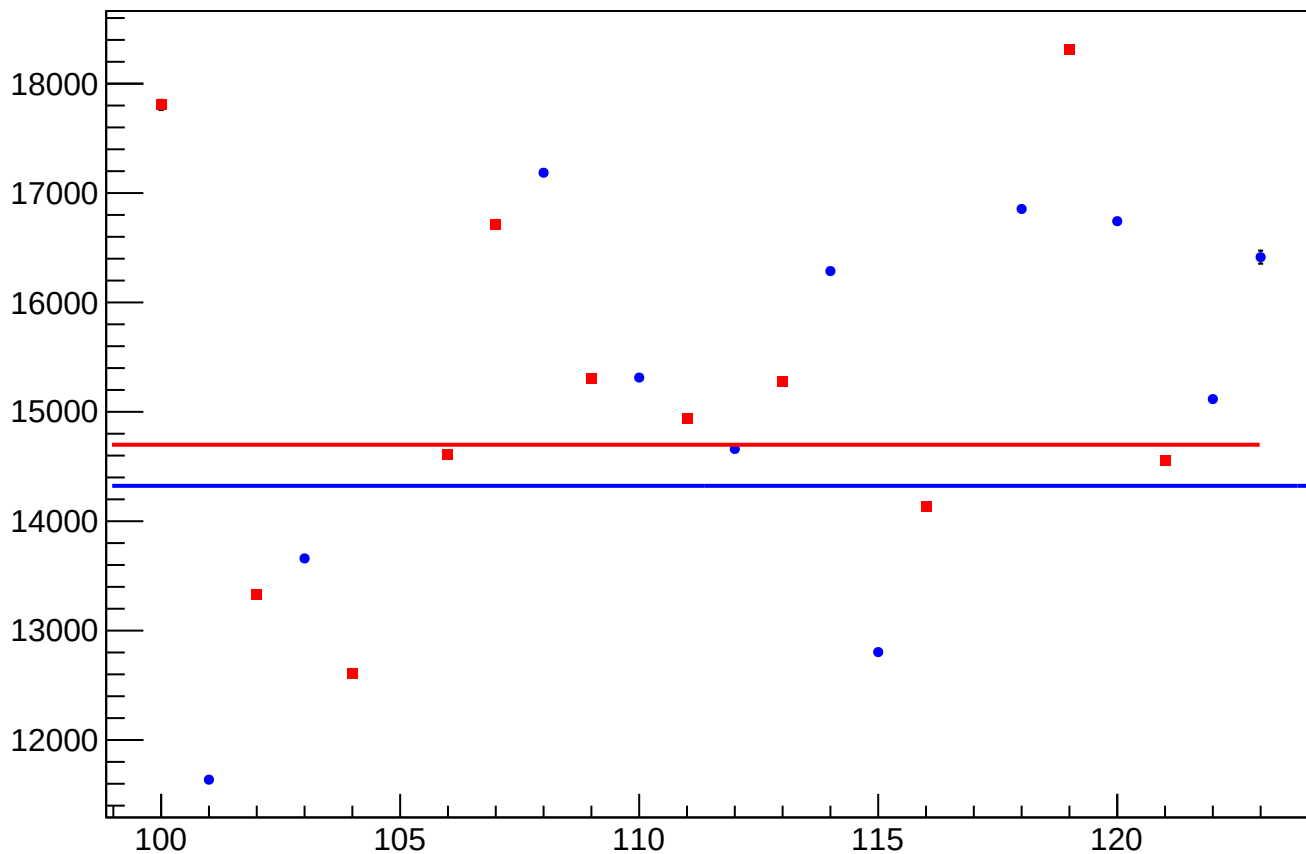
Right: 6.227+/-4.940 χ^2/NDF : 21.6/21

In: -2.313+/-7.109 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.227+/-4.940 χ^2/NDF : 21.6/21

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14323.556+/-5.027 χ^2/NDF : 148202.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14699.230+/-4.858 χ^2/NDF : 111227.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

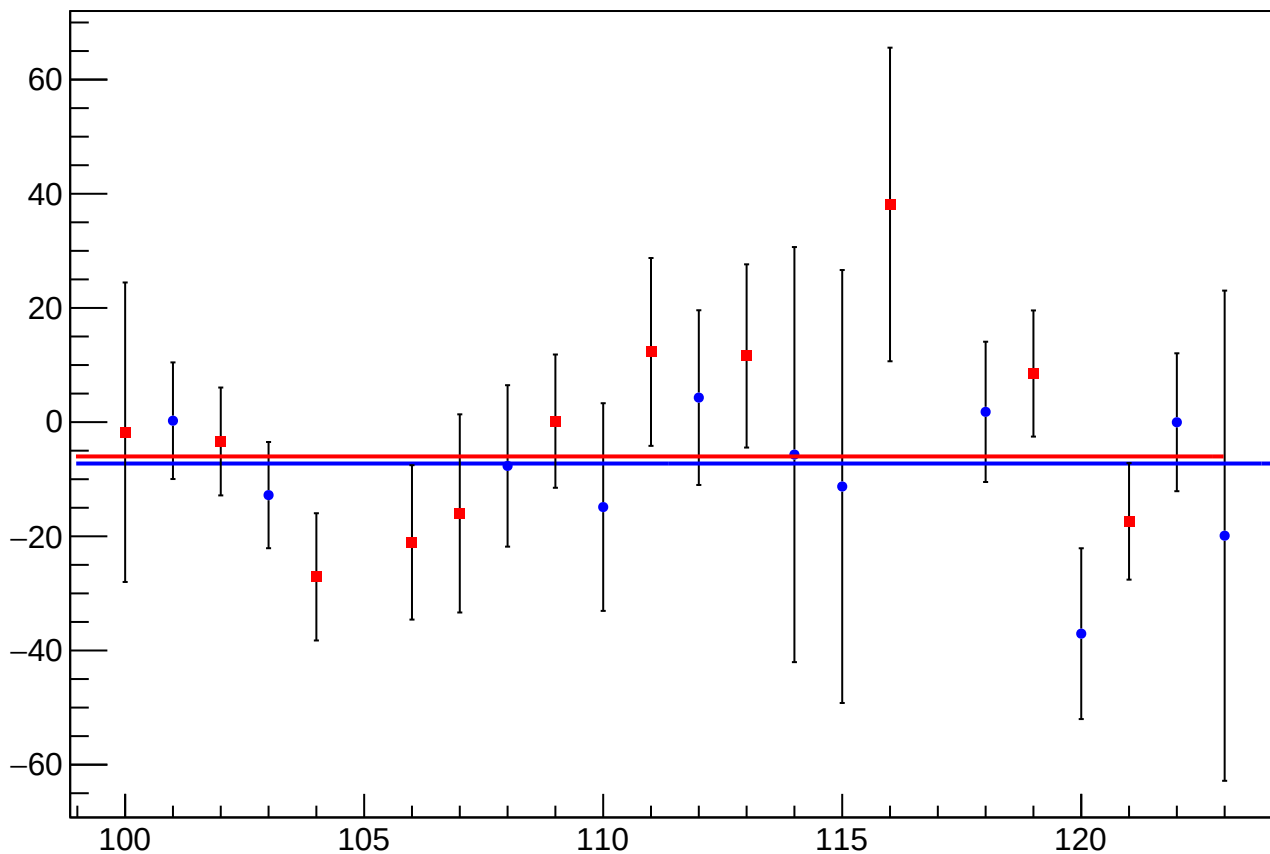
Right: 14517.793+/-3.493 χ^2/NDF : 262317.6/21

In: 14323.556+/-5.027 χ^2/NDF : 148202.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14517.793+/-3.493 χ^2/NDF : 262317.6/21

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.251+/-4.328 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.010+/-3.968 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

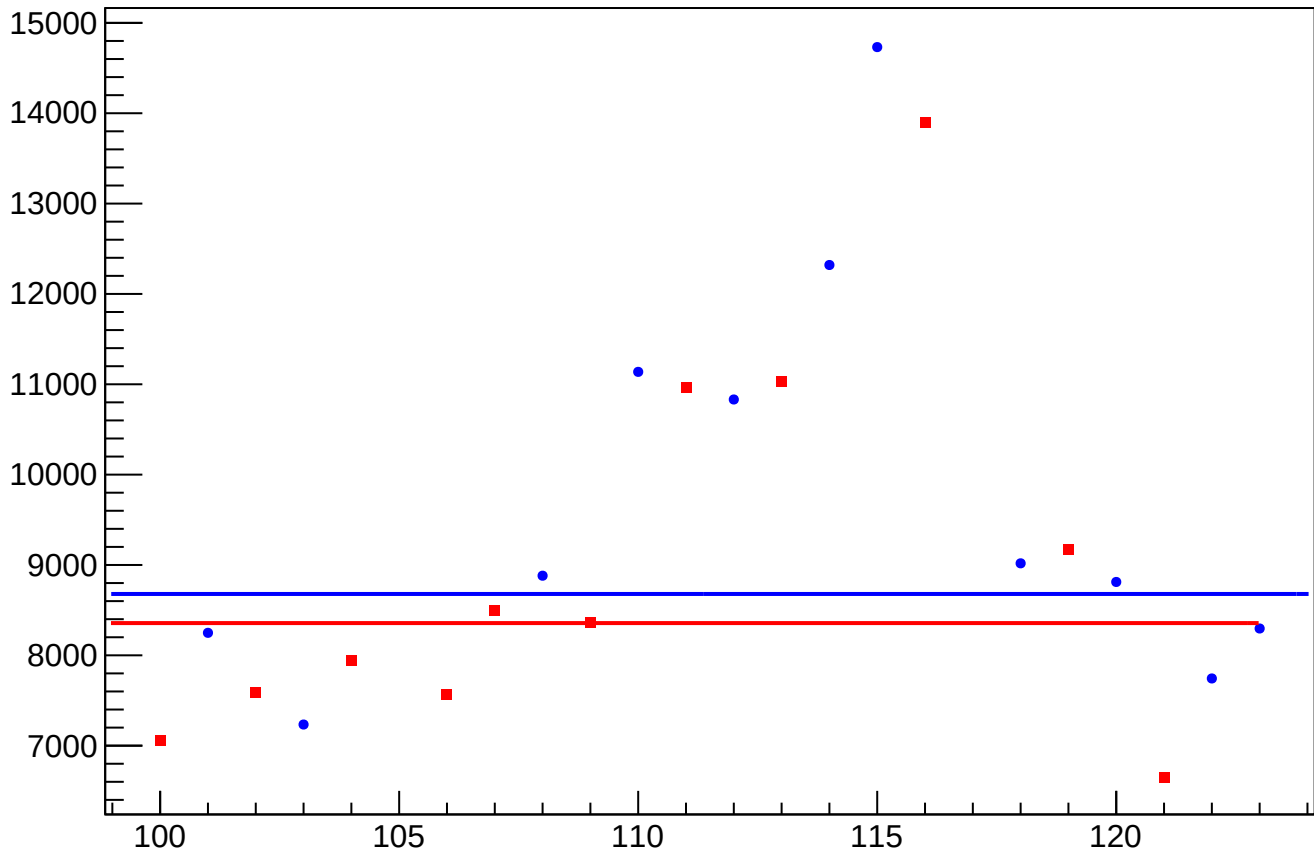
Right: -6.577+/-2.925 χ^2/NDF : 20.2/21

In: -7.251+/-4.328 χ^2/NDF : 6.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.577+/-2.925 χ^2/NDF : 20.2/21

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8679.139+/-3.060 χ^2/NDF : 213197.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8356.910+/-2.805 χ^2/NDF : 282271.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

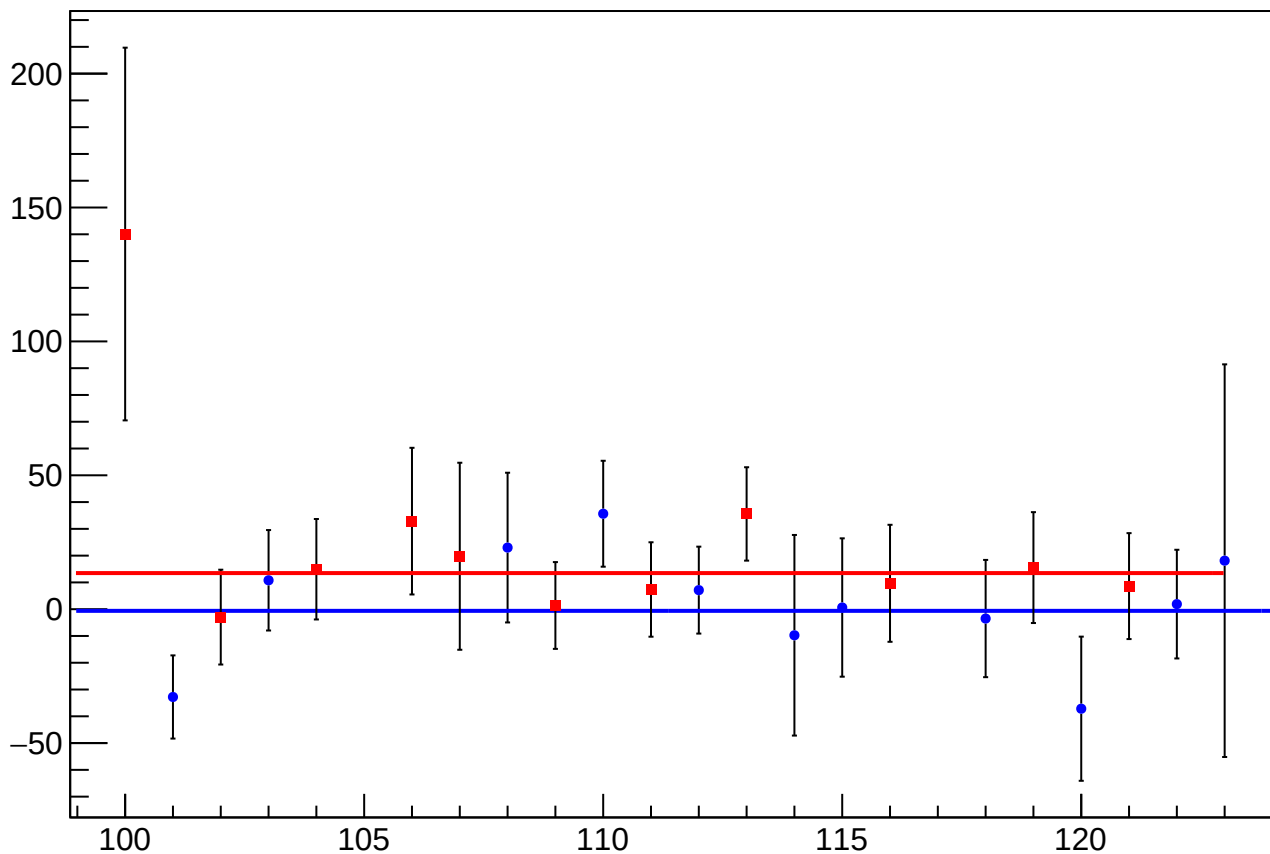
Right: 8504.043+/-2.068 χ^2/NDF : 501492.6/21

In: 8679.139+/-3.060 χ^2/NDF : 213197.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8504.043+/-2.068 χ^2/NDF : 501492.6/21

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.620 ± 6.607 χ^2/NDF : 11.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.485 ± 6.239 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

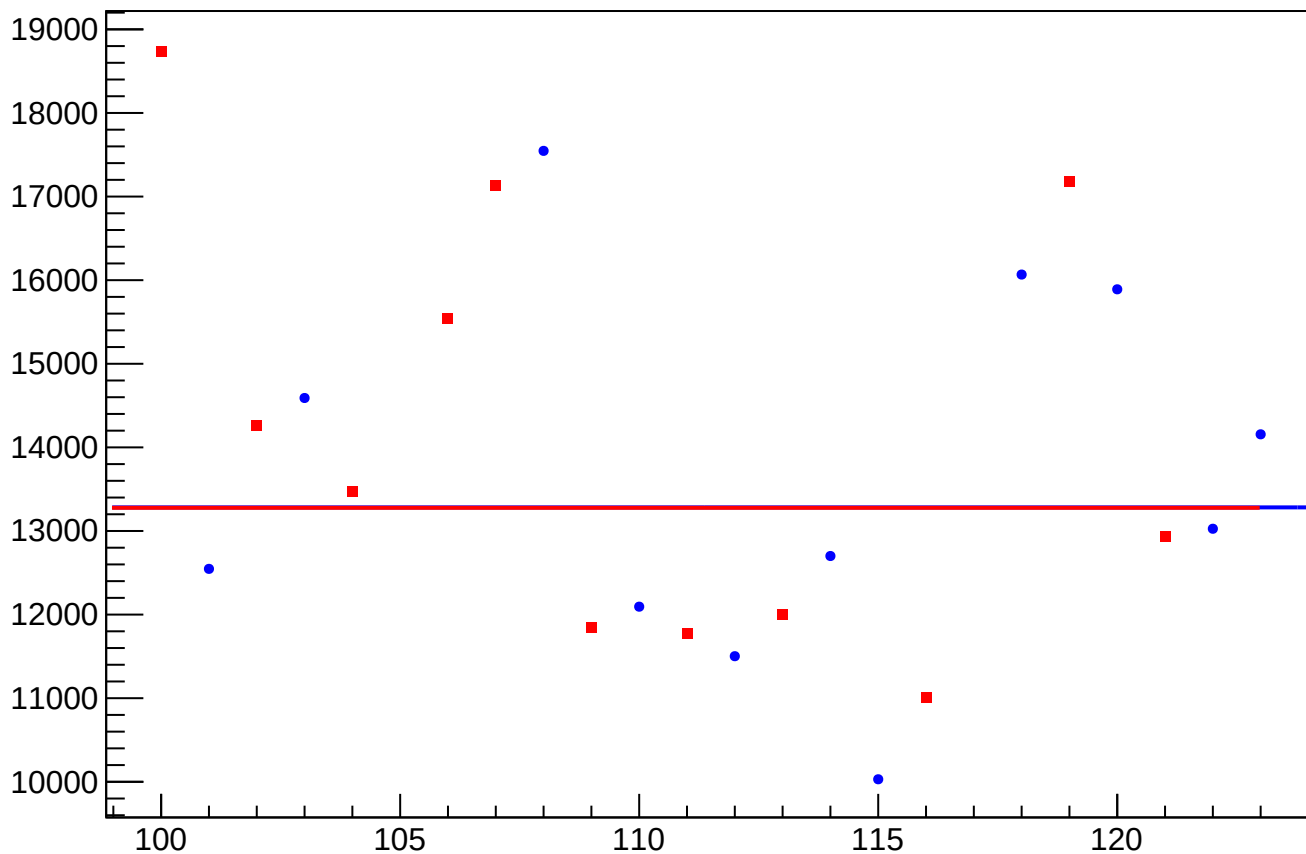
Right: 6.836 ± 4.536 χ^2/NDF : 20.5/21

In: -0.620 ± 6.607 χ^2/NDF : 11.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.836 ± 4.536 χ^2/NDF : 20.5/21

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13282.280+/-4.672 χ^2/NDF : 175946.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13277.441+/-4.412 χ^2/NDF : 190967.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

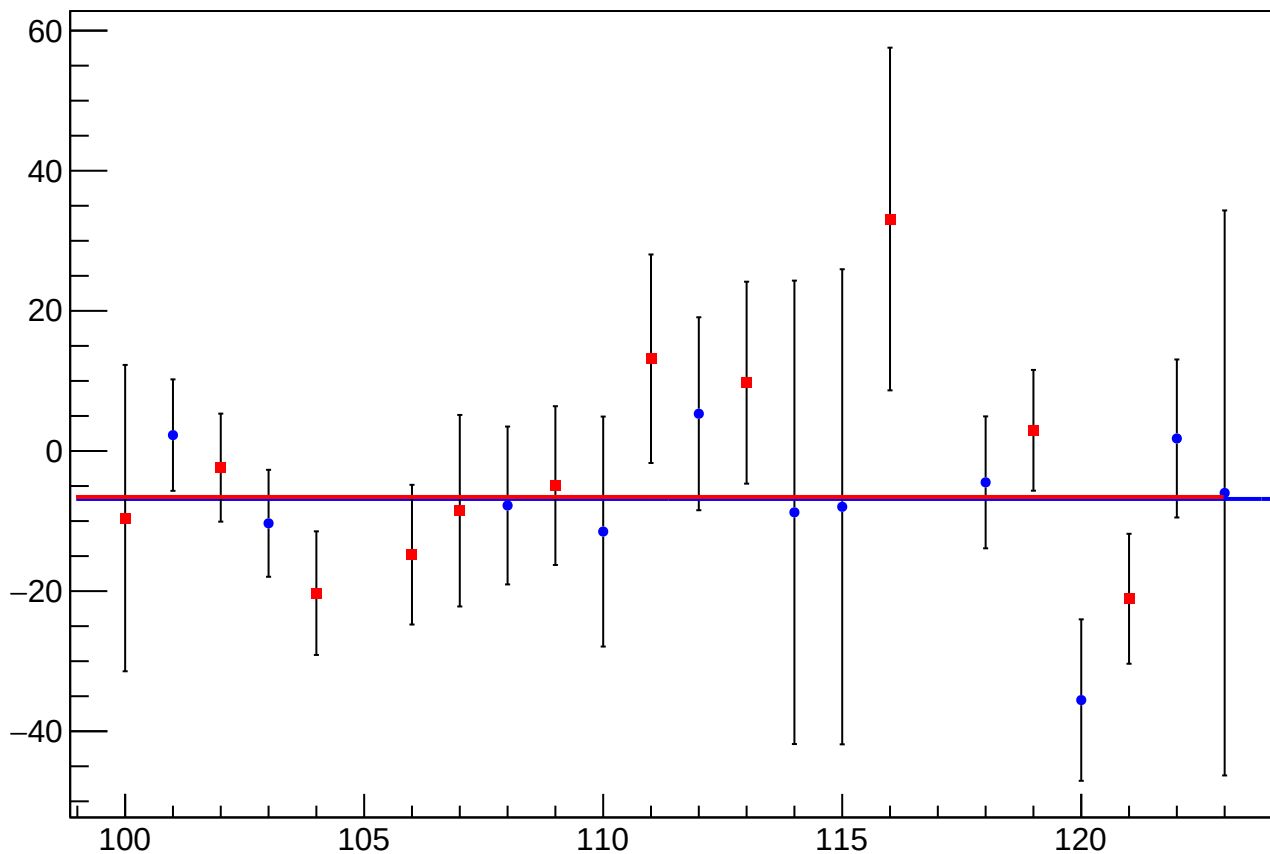
Right: 13279.722+/-3.207 χ^2/NDF : 366914.7/21

In: 13282.280+/-4.672 χ^2/NDF : 175946.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13279.722+/-3.207 χ^2/NDF : 366914.7/21

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.842 $\pm$ 3.560 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.561 $\pm$ 3.314 χ^2 /NDF: 12.8/10

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

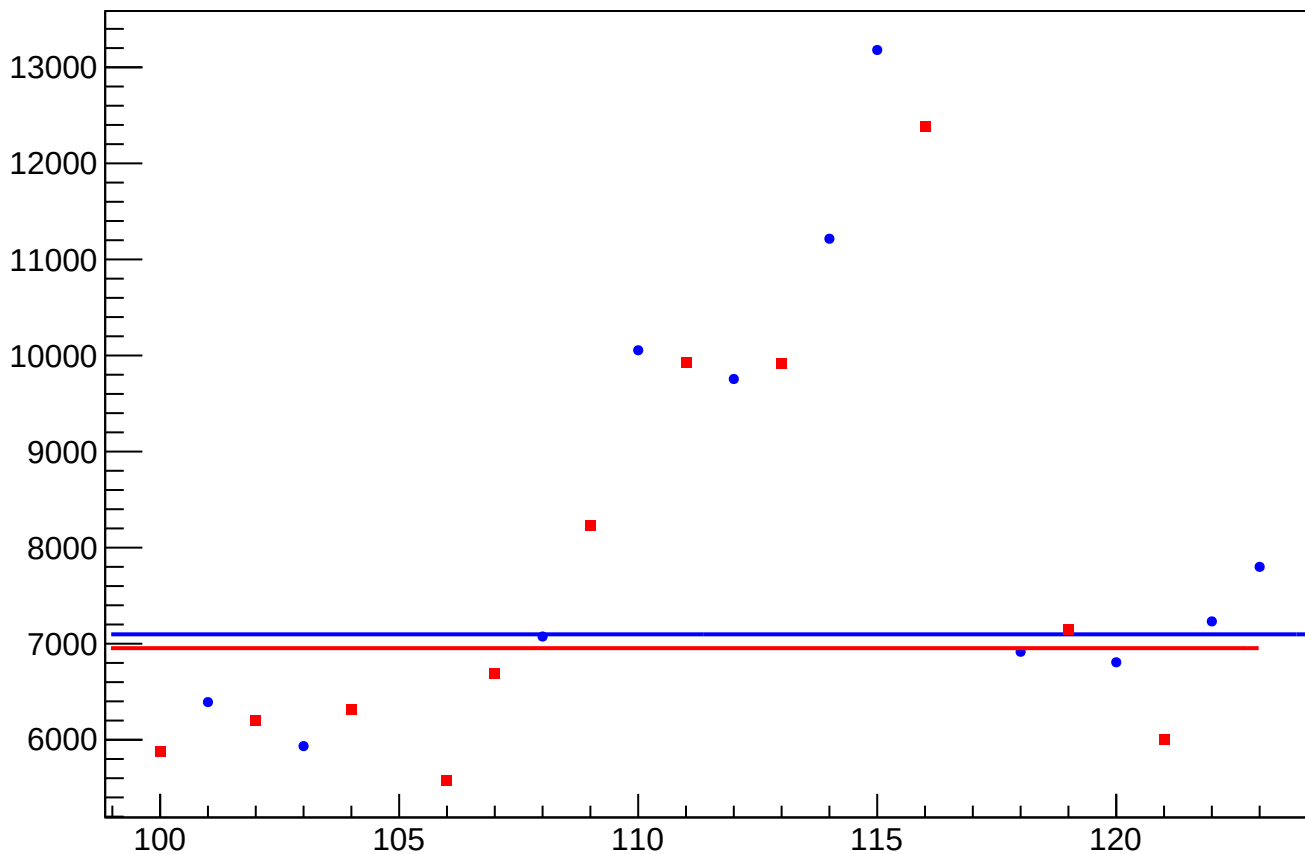
Right: -6.691 $\pm$ 2.425 χ^2 /NDF: 22.1/21

In: -6.842 $\pm$ 3.560 χ^2 /NDF:9.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.691 $\pm$ 2.425 χ^2 /NDF: 22.1/21

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7097.730+/-2.517 χ^2/NDF : 299940.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6953.678+/-2.343 χ^2/NDF : 383247.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

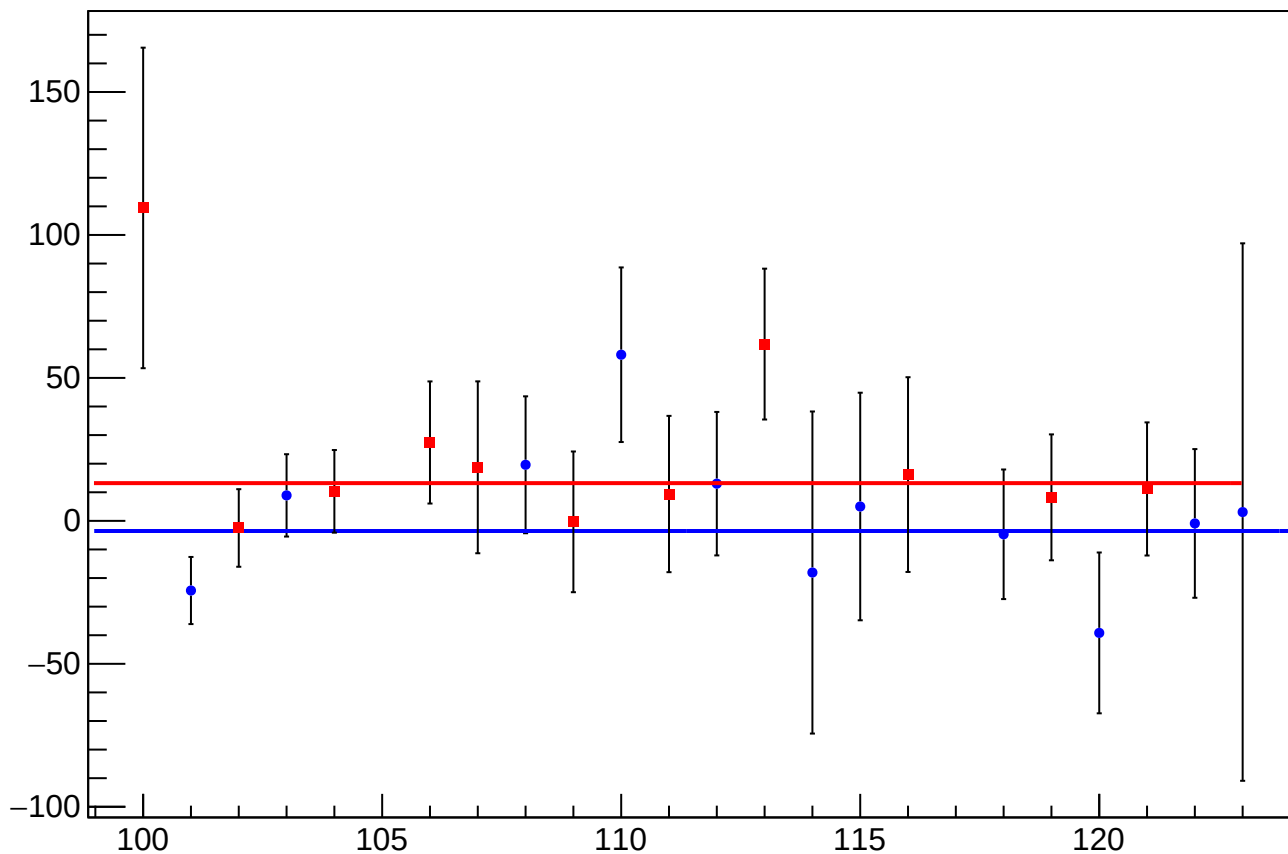
Right: 7020.553+/-1.715 χ^2/NDF : 684941.8/21

In: 7097.730+/-2.517 χ^2/NDF : 299940.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7020.553+/-1.715 χ^2/NDF : 684941.8/21

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.544+/-6.706 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.198+/-6.589 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

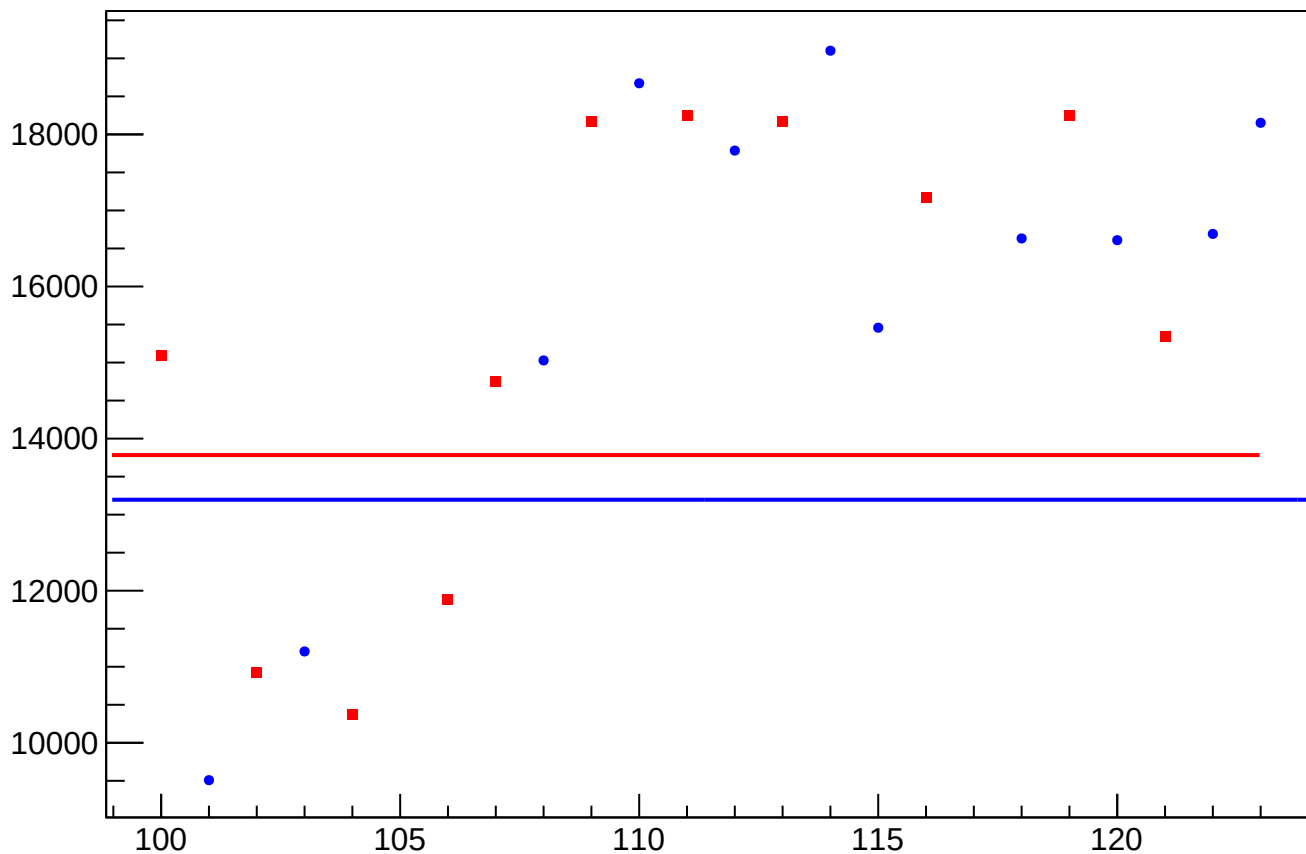
Right: 4.975+/-4.700 χ^2/NDF : 22.8/21

In: -3.544+/-6.706 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.975+/-4.700 χ^2/NDF : 22.8/21

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13196.330+/-4.742 χ^2/NDF : 524333.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13783.331+/-4.659 χ^2/NDF : 501839.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

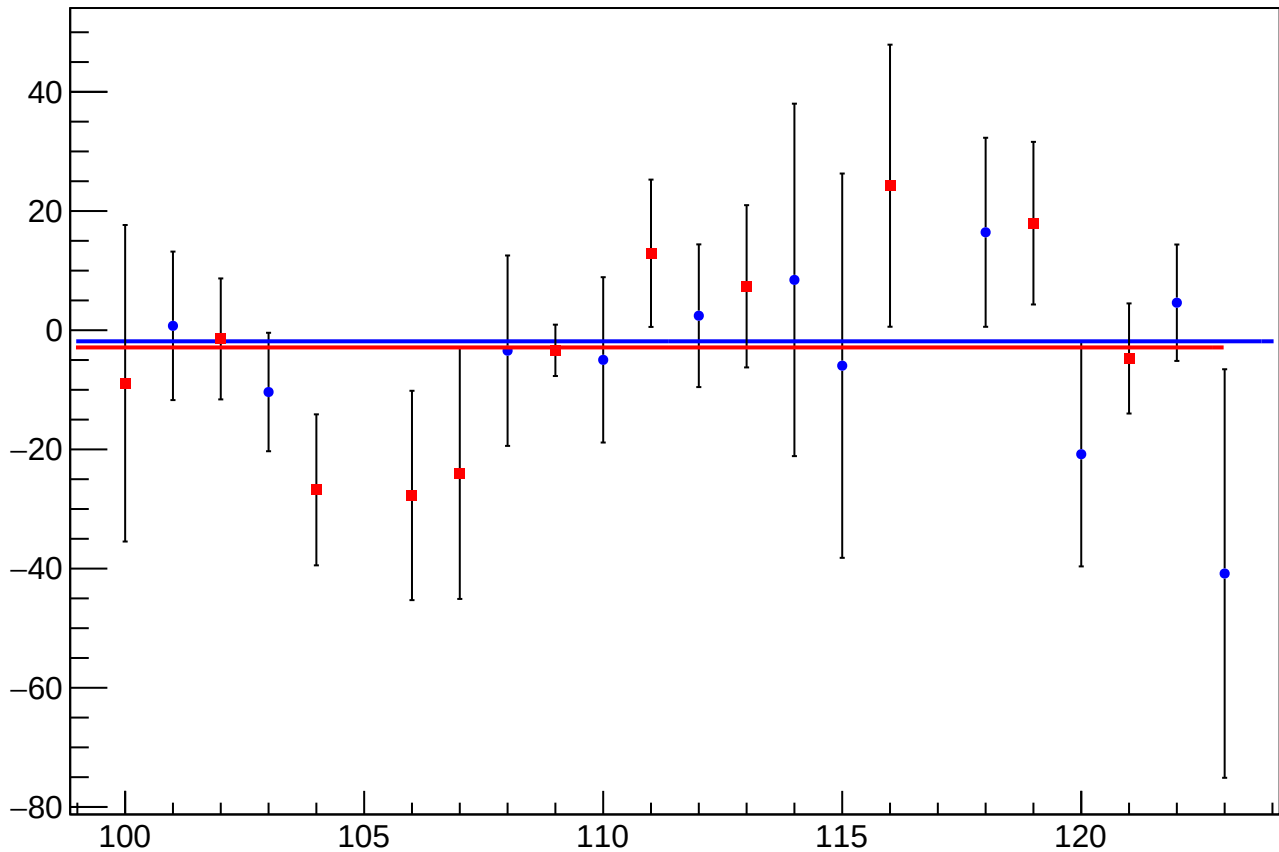
Right: 13495.016+/-3.323 χ^2/NDF : 1033969.5/21

In: 13196.330+/-4.742 χ^2/NDF : 524333.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13495.016+/-3.323 χ^2/NDF : 1033969.5/21

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.859+/-4.348 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.889+/-3.050 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

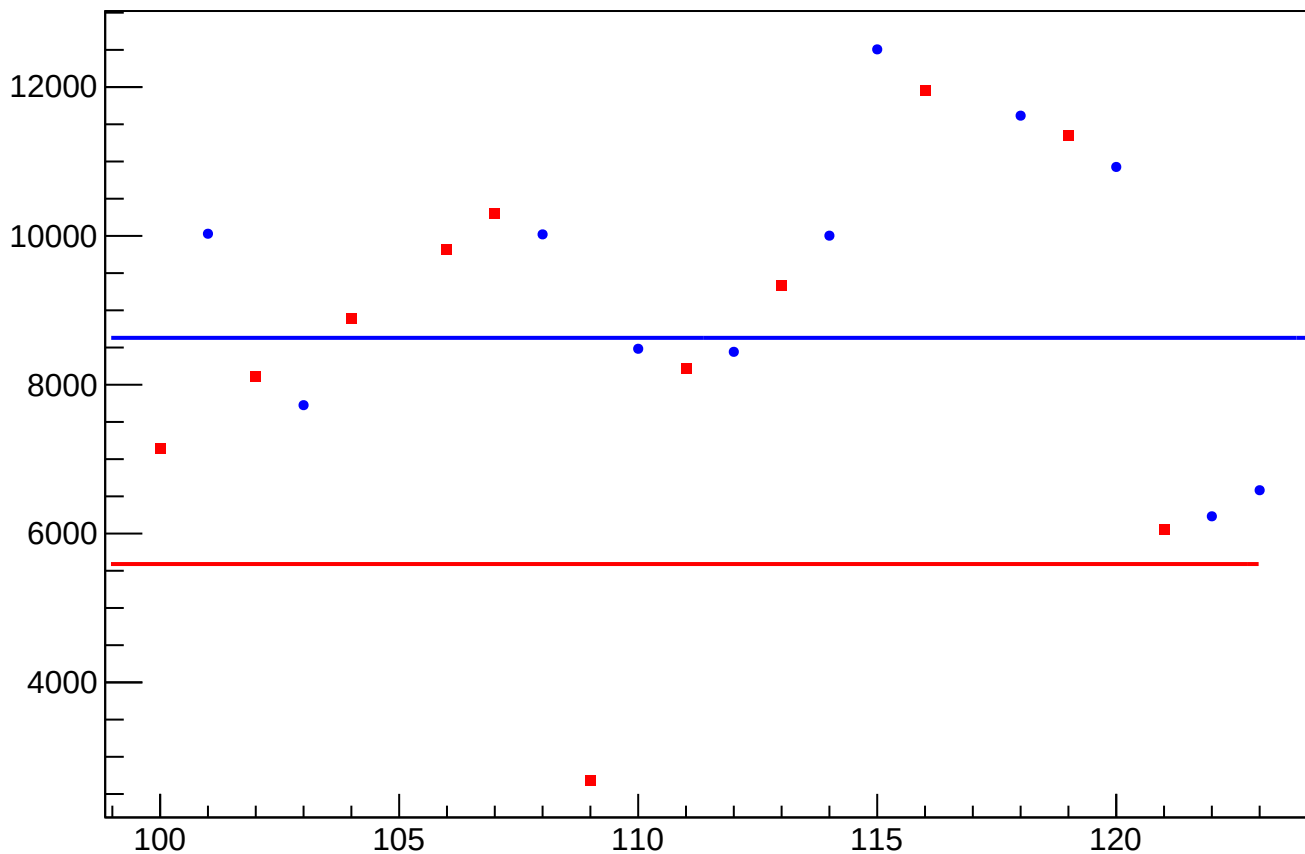
Right: -2.549+/-2.497 χ^2/NDF : 17.7/21

In: -1.859+/-4.348 χ^2/NDF :5.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.549+/-2.497 χ^2/NDF : 17.7/21

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8630.106+/-3.075 χ^2/NDF : 319212.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5590.463+/-2.157 χ^2/NDF : 2141549.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

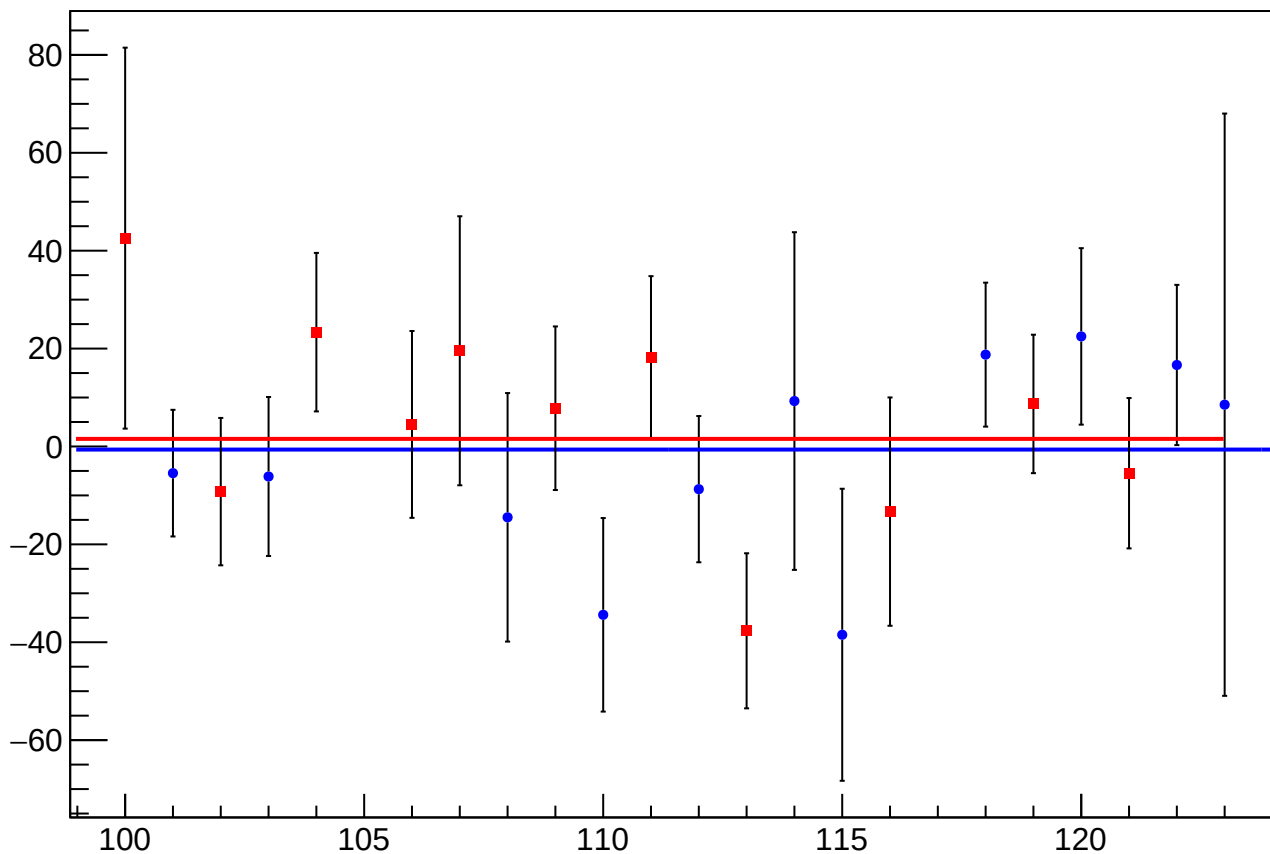
Right: 6592.757+/-1.766 χ^2/NDF : 3115835.6/21

In: 8630.106+/-3.075 χ^2/NDF : 319212.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6592.757+/-1.766 χ^2/NDF : 3115835.6/21

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -0.633 ± 5.588 $\chi^2/\text{NDF}: 10.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.550 ± 5.328 $\chi^2/\text{NDF}: 12.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

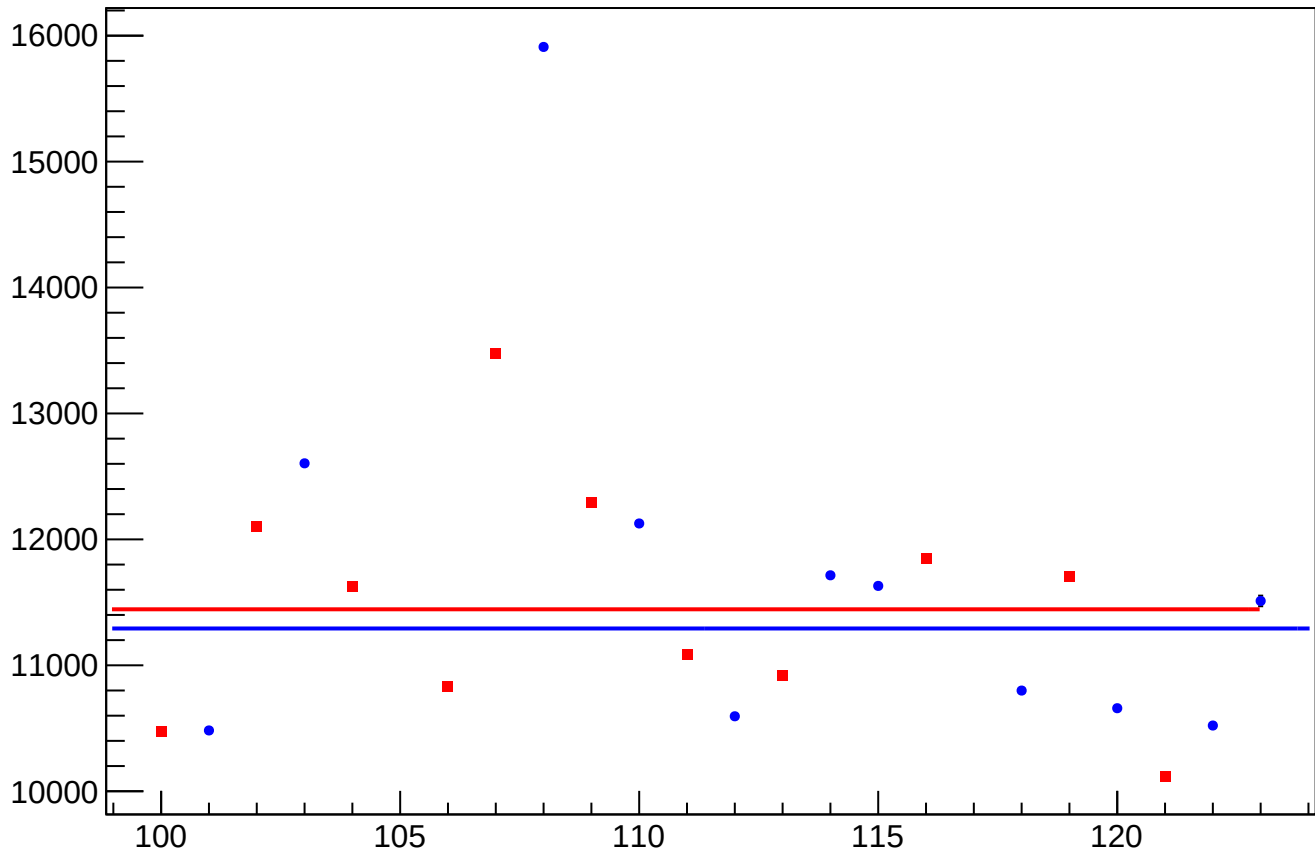
Right: 0.510 ± 3.856 $\chi^2/\text{NDF}: 22.1/21$

In: -0.633 ± 5.588 $\chi^2/\text{NDF}: 10.0/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.510 ± 3.856 $\chi^2/\text{NDF}: 22.1/21$

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11292.421+/-3.951 χ^2/NDF : 104682.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11444.764+/-3.767 χ^2/NDF : 42687.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

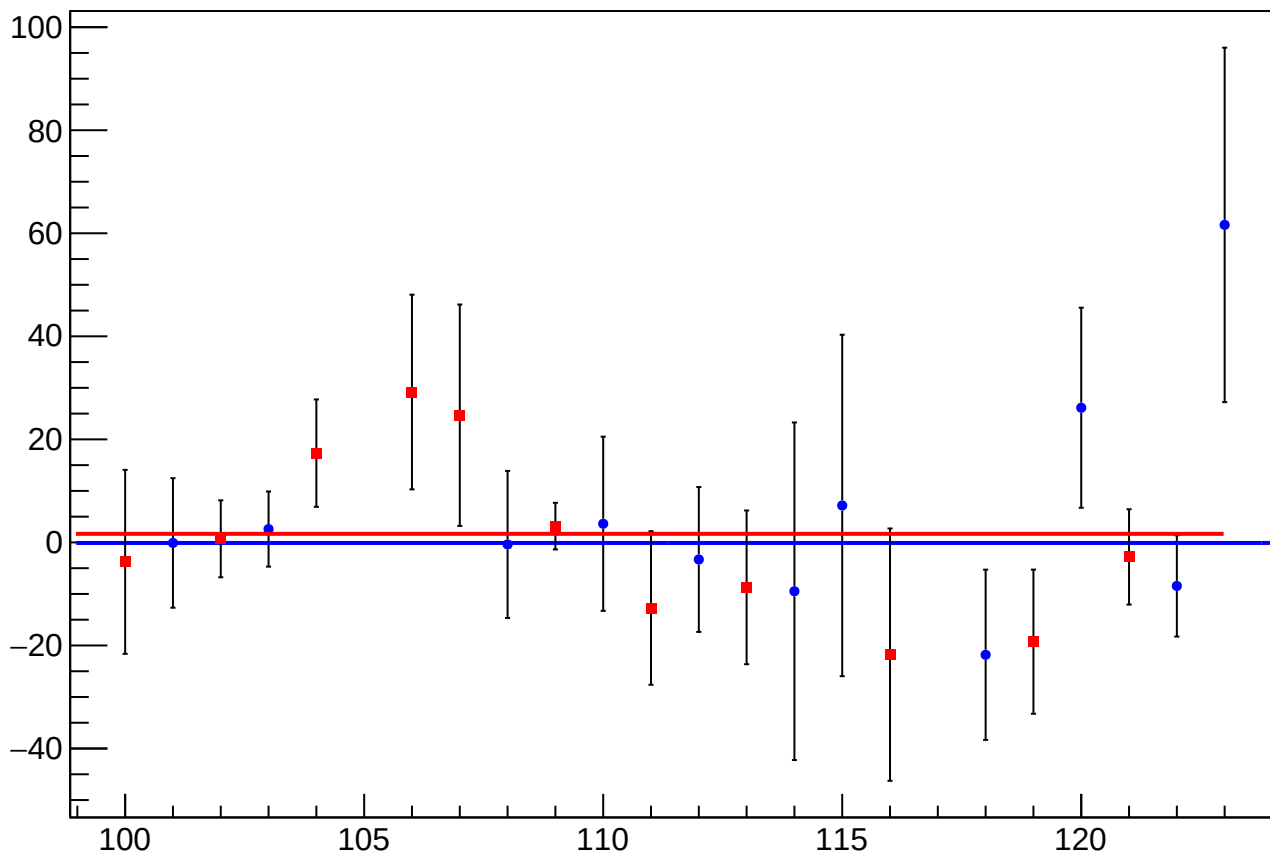
Right: 11372.214+/-2.727 χ^2/NDF : 148148.4/21

In: 11292.421+/-3.951 χ^2/NDF : 104682.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11372.214+/-2.727 χ^2/NDF : 148148.4/21

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.104+/-4.154 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.667+/-2.994 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

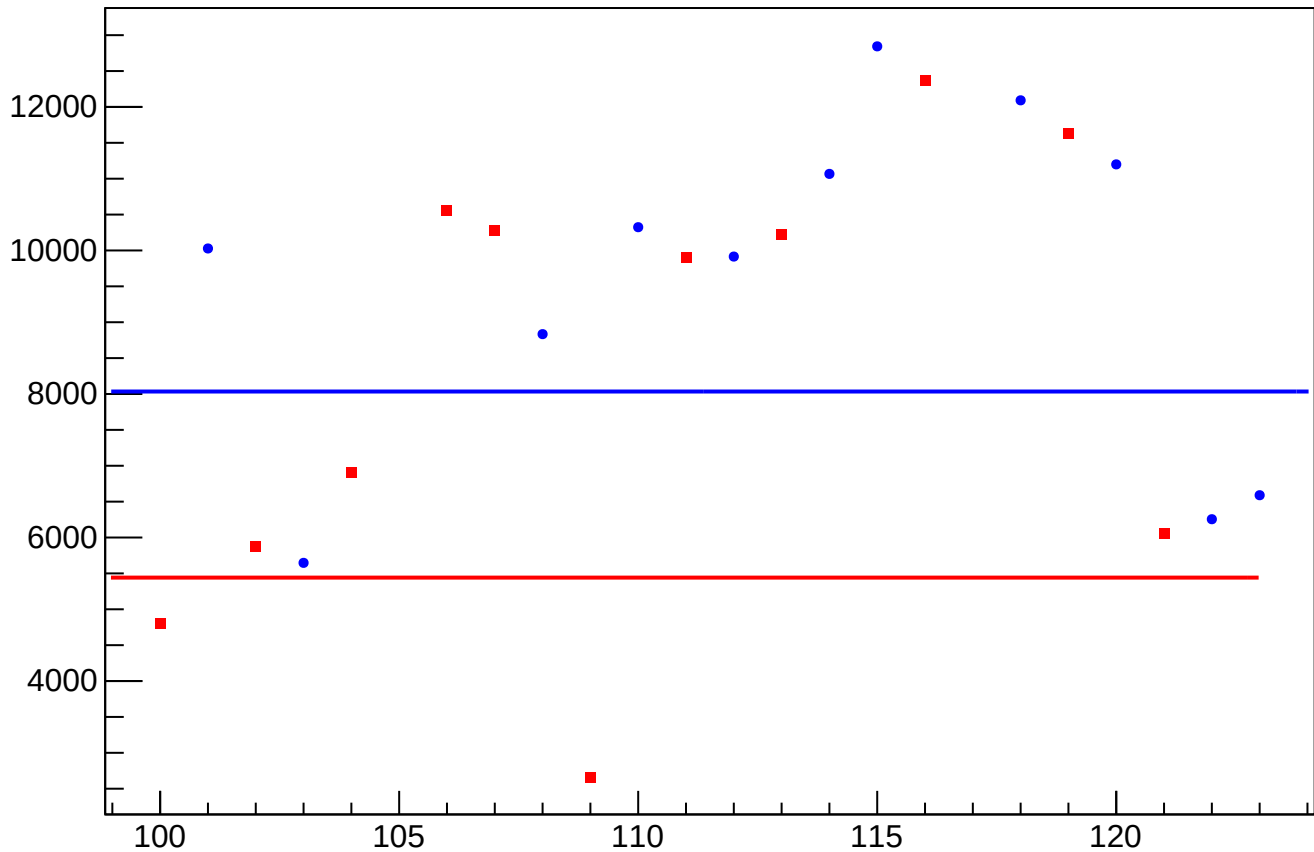
Right: 1.062+/-2.429 χ^2/NDF : 18.5/21

In: -0.104+/-4.154 χ^2/NDF :7.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.062+/-2.429 χ^2/NDF : 18.5/21

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8034.514+/-2.937 χ^2/NDF : 645564.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5441.442+/-2.117 χ^2/NDF : 2000002.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

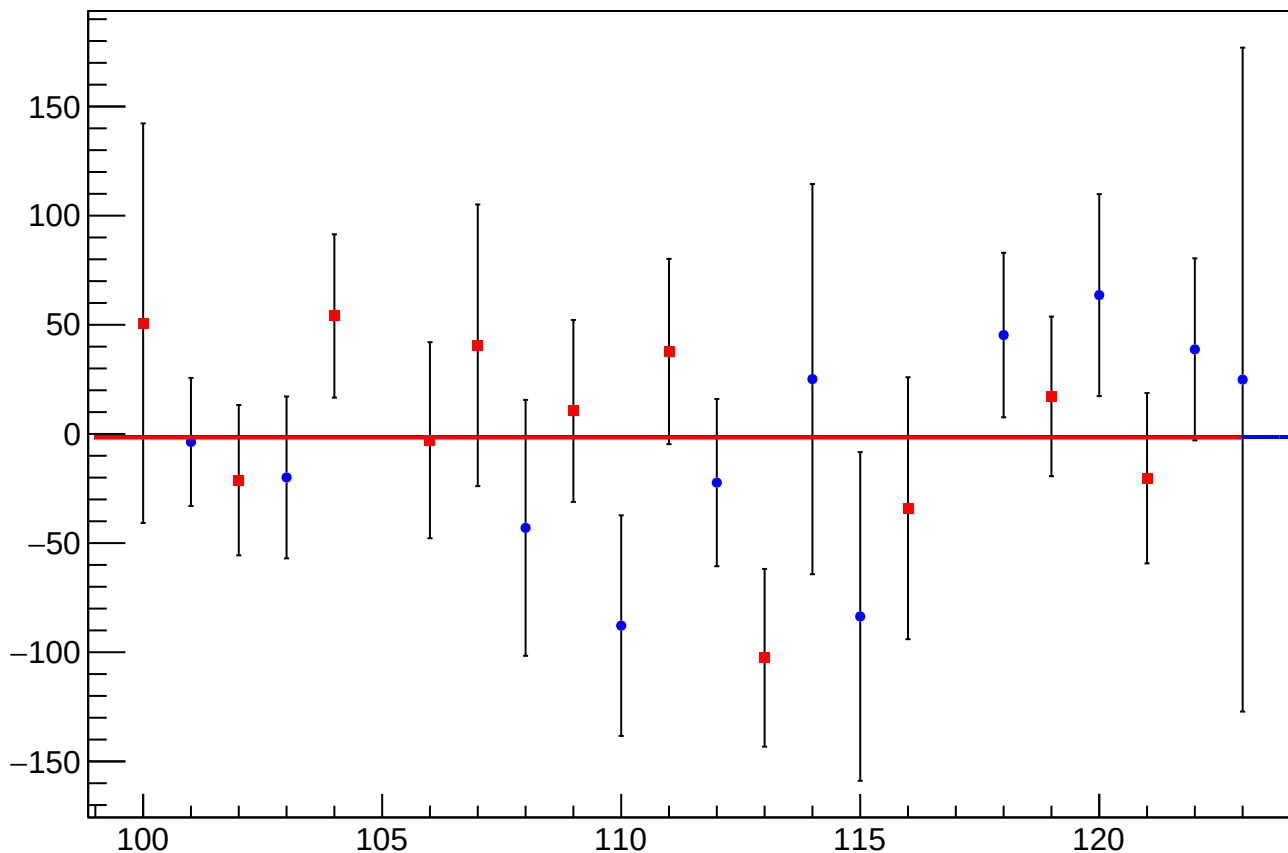
Right: 6328.136+/-1.718 χ^2/NDF : 3158436.9/21

In: 8034.514+/-2.937 χ^2/NDF : 645564.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6328.136+/-1.718 χ^2/NDF : 3158436.9/21

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -1.400+/-13.679 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.647+/-13.096 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

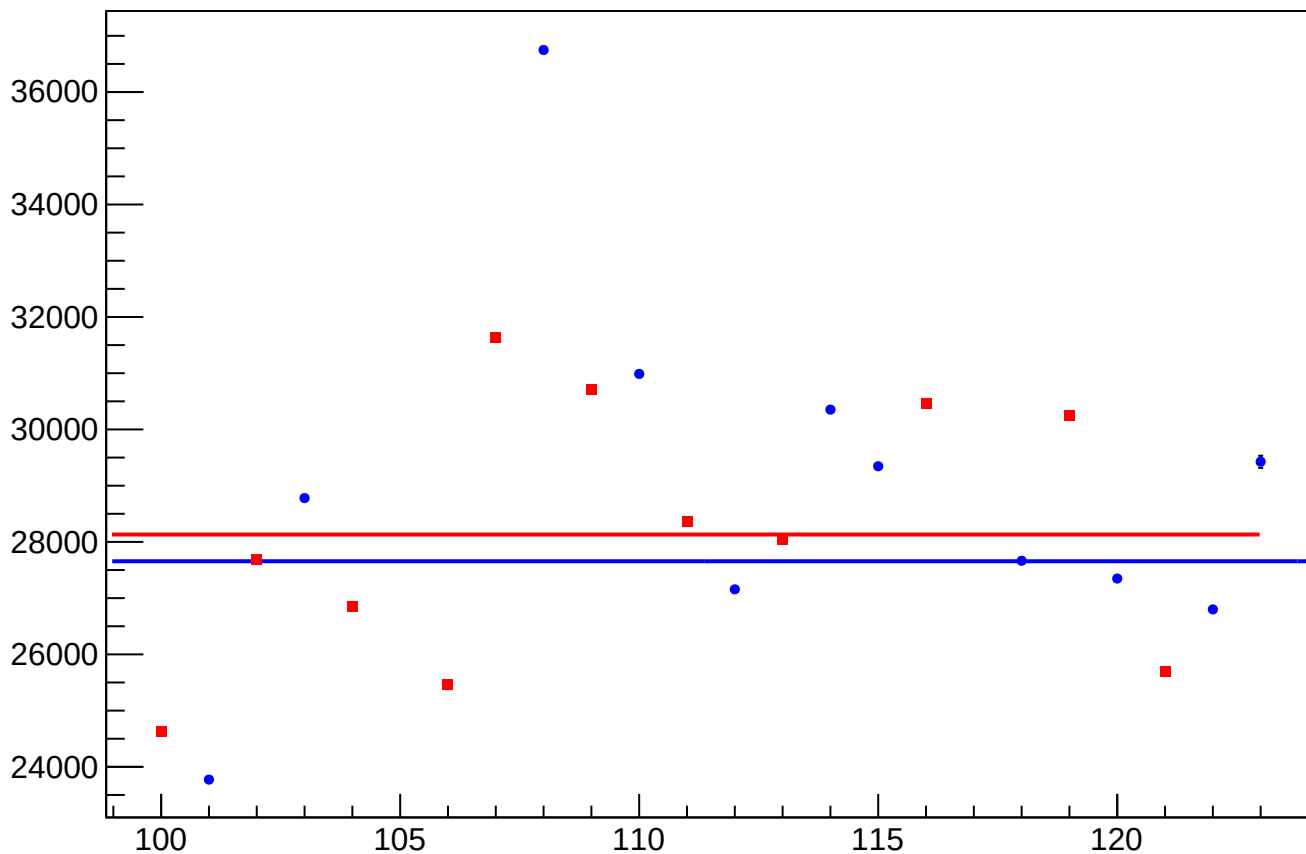
Right: -1.529+/-9.460 χ^2/NDF : 20.9/21

In: -1.400+/-13.679 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.529+/-9.460 χ^2/NDF : 20.9/21

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27655.820+/-9.673 χ^2/NDF : 98020.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28131.352+/-9.260 χ^2/NDF : 43724.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

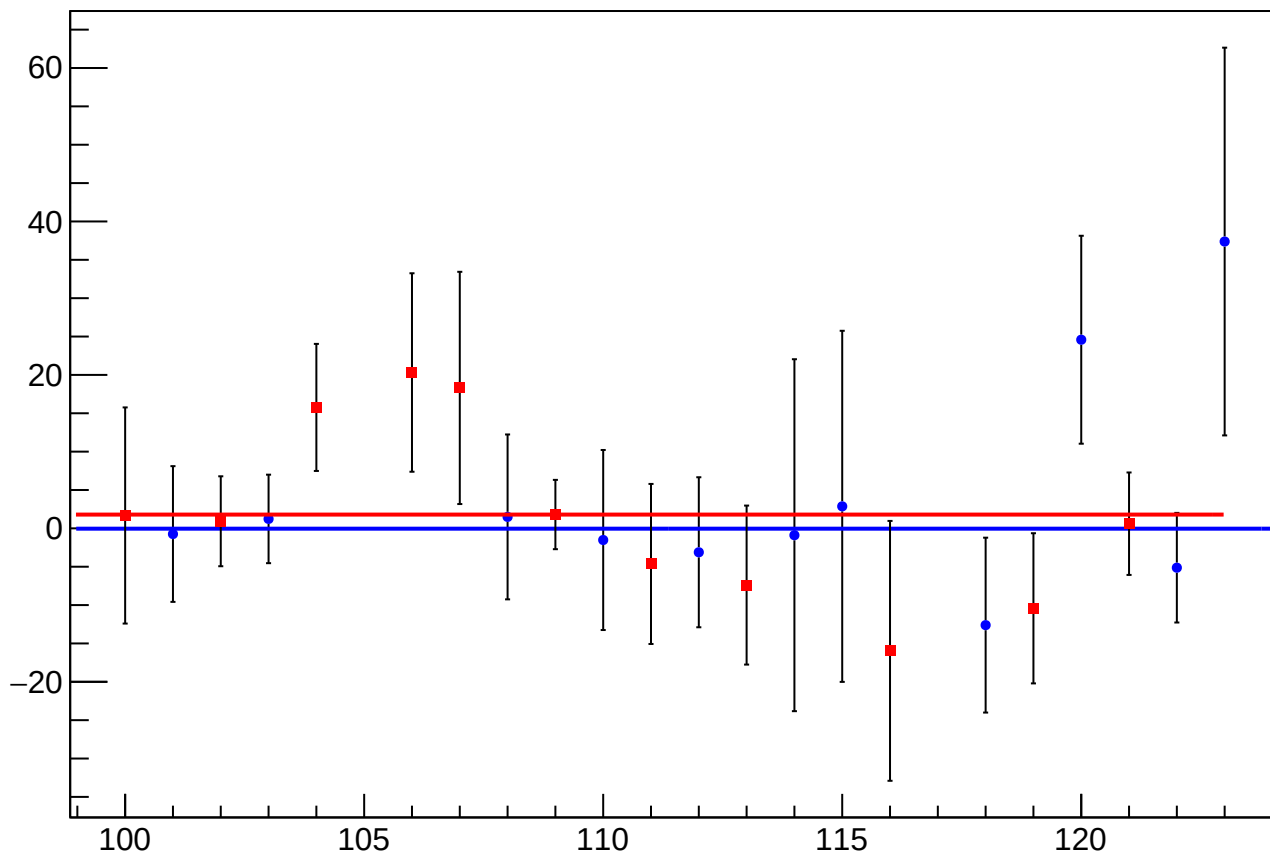
Right: 27903.943+/-6.689 χ^2/NDF : 143005.6/21

In: 27655.820+/-9.673 χ^2/NDF : 98020.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27903.943+/-6.689 χ^2/NDF : 143005.6/21

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.043 ± 3.052 $\chi^2/\text{NDF}: 7.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.795 ± 2.477 $\chi^2/\text{NDF}: 10.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

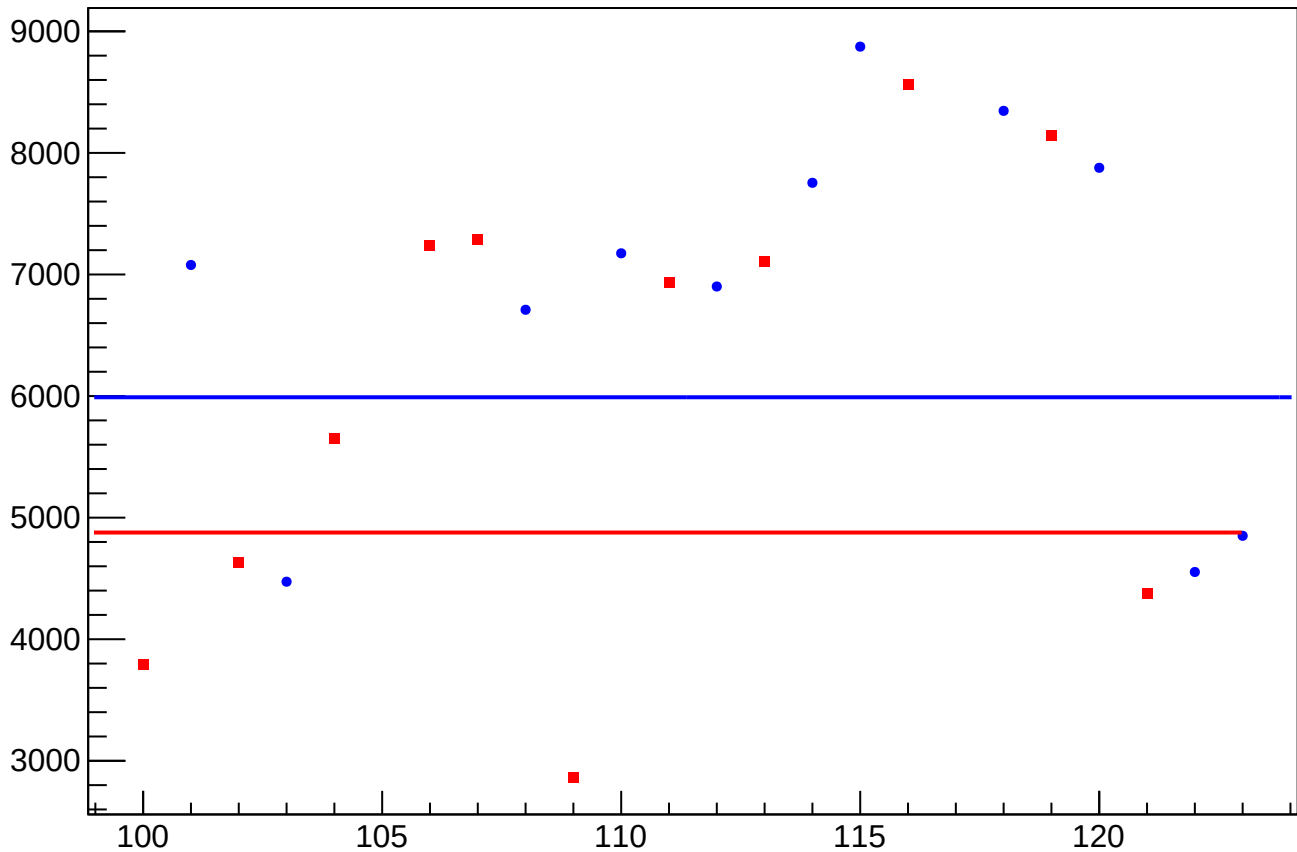
Right: 1.065 ± 1.923 $\chi^2/\text{NDF}: 17.6/21$

In: -0.043 ± 3.052 $\chi^2/\text{NDF}: 7.4/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.065 ± 1.923 $\chi^2/\text{NDF}: 17.6/21$

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5990.218+/-2.158 χ^2/NDF : 468186.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4877.681+/-1.752 χ^2/NDF : 1047011.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

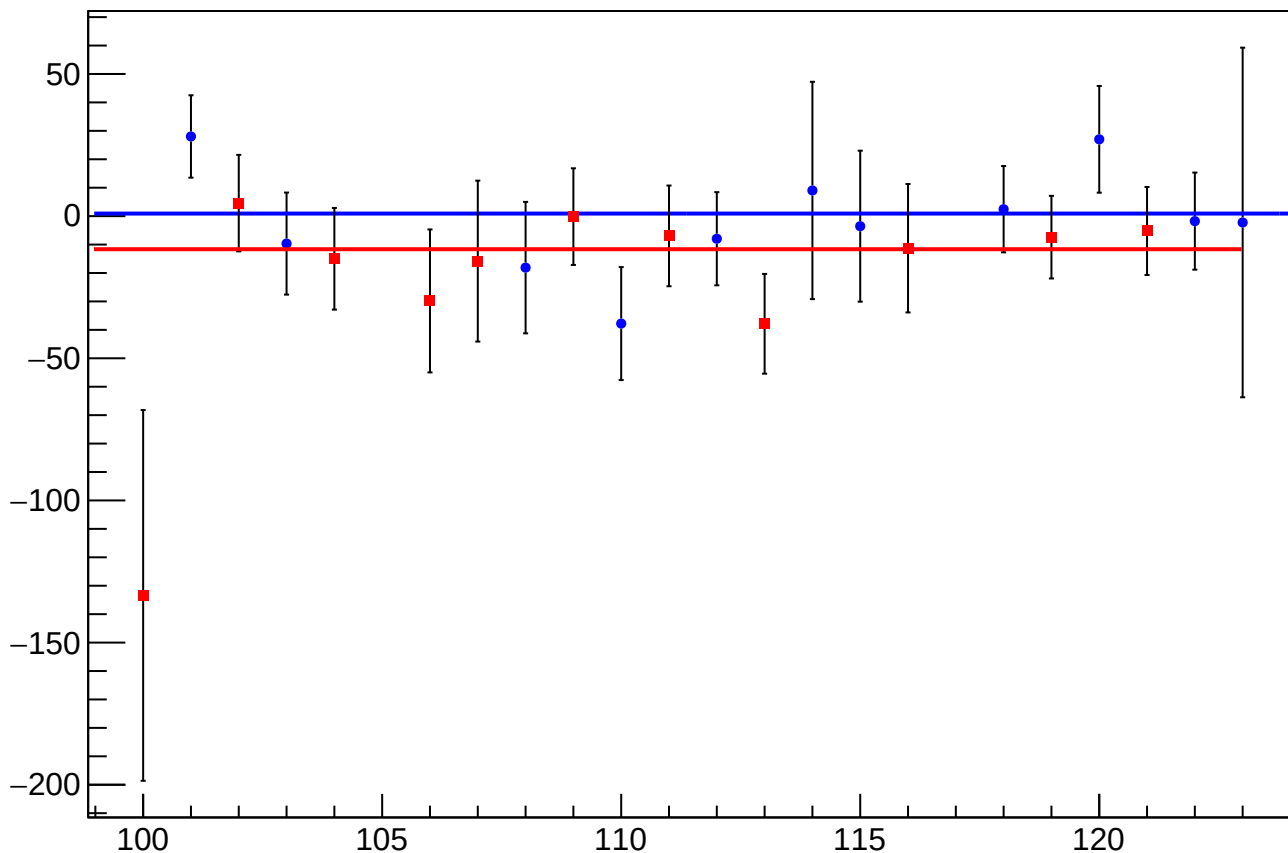
Right: 5319.495+/-1.360 χ^2/NDF : 1675406.3/21

In: 5990.218+/-2.158 χ^2/NDF : 468186.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5319.495+/-1.360 χ^2/NDF : 1675406.3/21

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.904+/-5.875 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.633+/-5.732 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

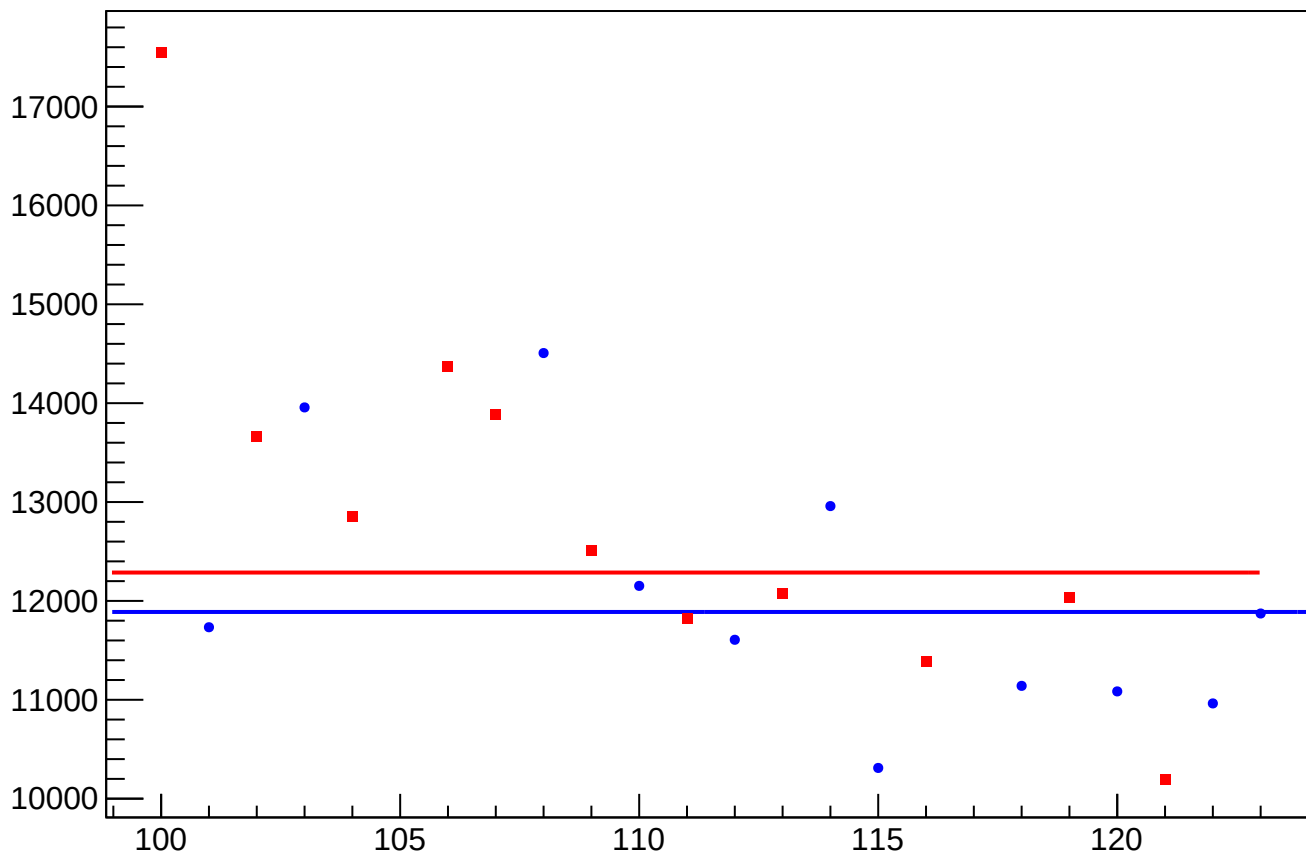
Right: -5.518+/-4.103 χ^2/NDF : 21.0/21

In: 0.904+/-5.875 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.518+/-4.103 χ^2/NDF : 21.0/21

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11888.305+/-4.154 χ^2/NDF : 76407.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12286.934+/-4.053 χ^2/NDF : 90668.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

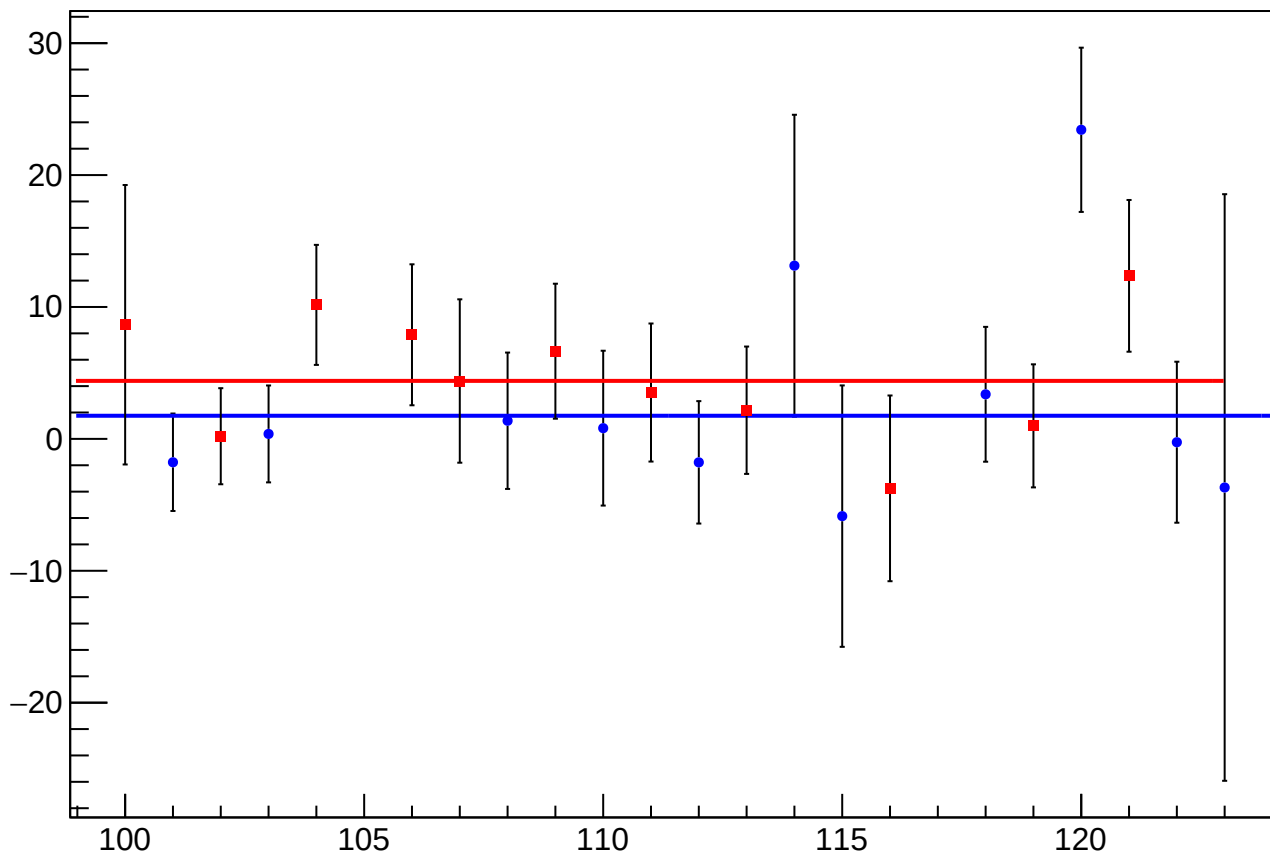
Right: 12092.515+/-2.901 χ^2/NDF : 171792.6/21

In: 11888.305+/-4.154 χ^2/NDF : 76407.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12092.515+/-2.901 χ^2/NDF : 171792.6/21

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.753+/-1.642 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.397+/-1.566 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

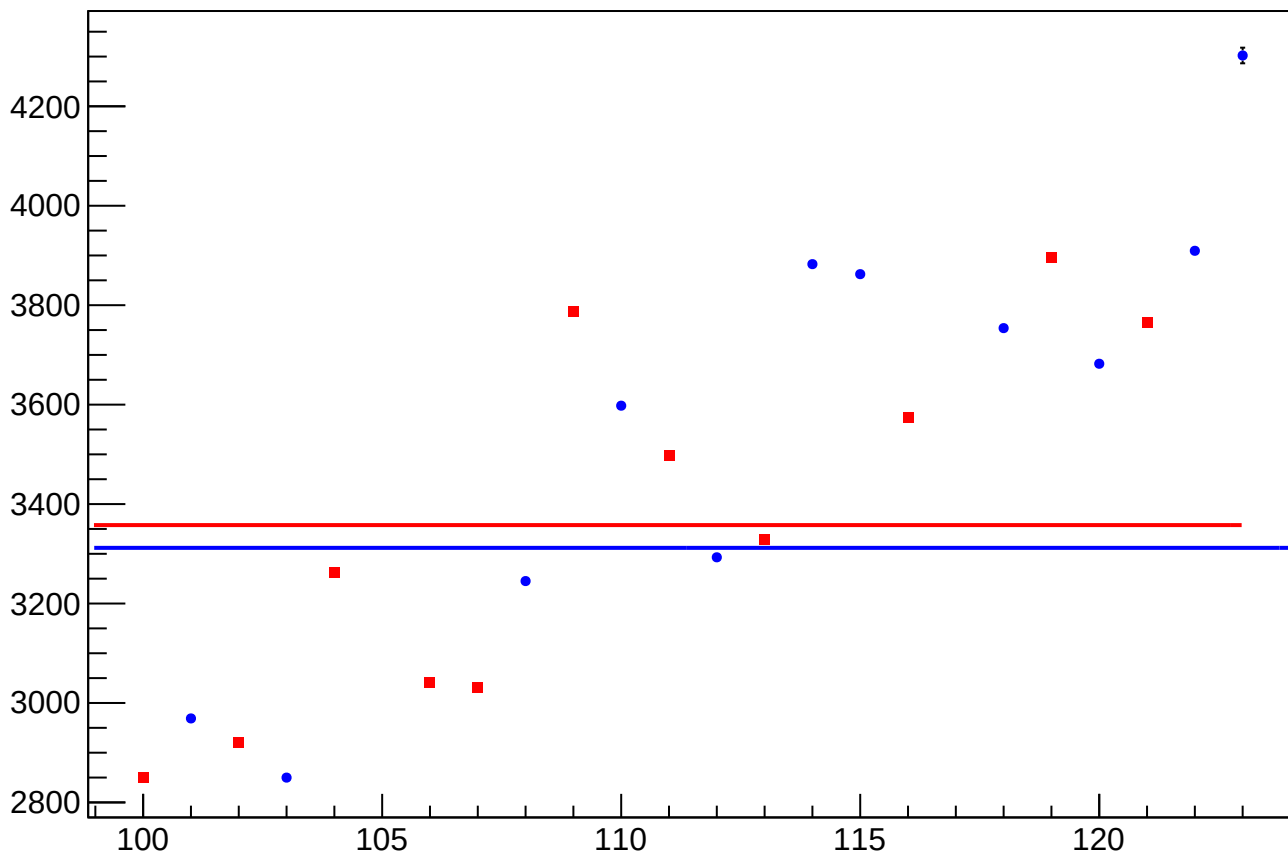
Right: 3.137+/-1.133 χ^2/NDF : 24.7/21

In: 1.753+/-1.642 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.137+/-1.133 χ^2/NDF : 24.7/21

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3311.976+/-1.161 χ^2/NDF : 110311.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3357.750+/-1.107 χ^2/NDF : 100930.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

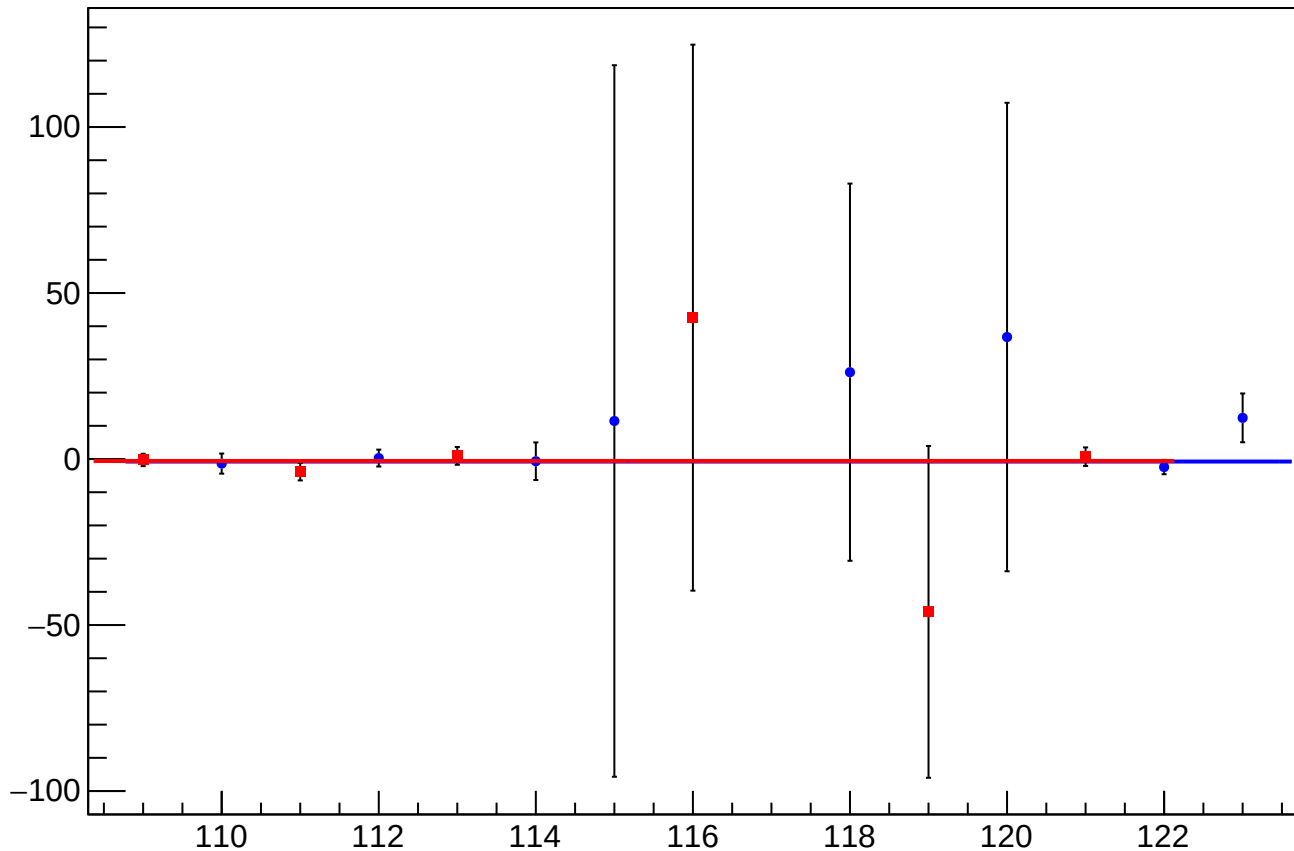
Right: 3335.940+/-0.801 χ^2/NDF : 212056.1/21

In: 3311.976+/-1.161 χ^2/NDF : 110311.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3335.940+/-0.801 χ^2/NDF : 212056.1/21

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.754 ± 1.375 χ^2/NDF : 4.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.595 ± 1.193 χ^2/NDF : 3.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

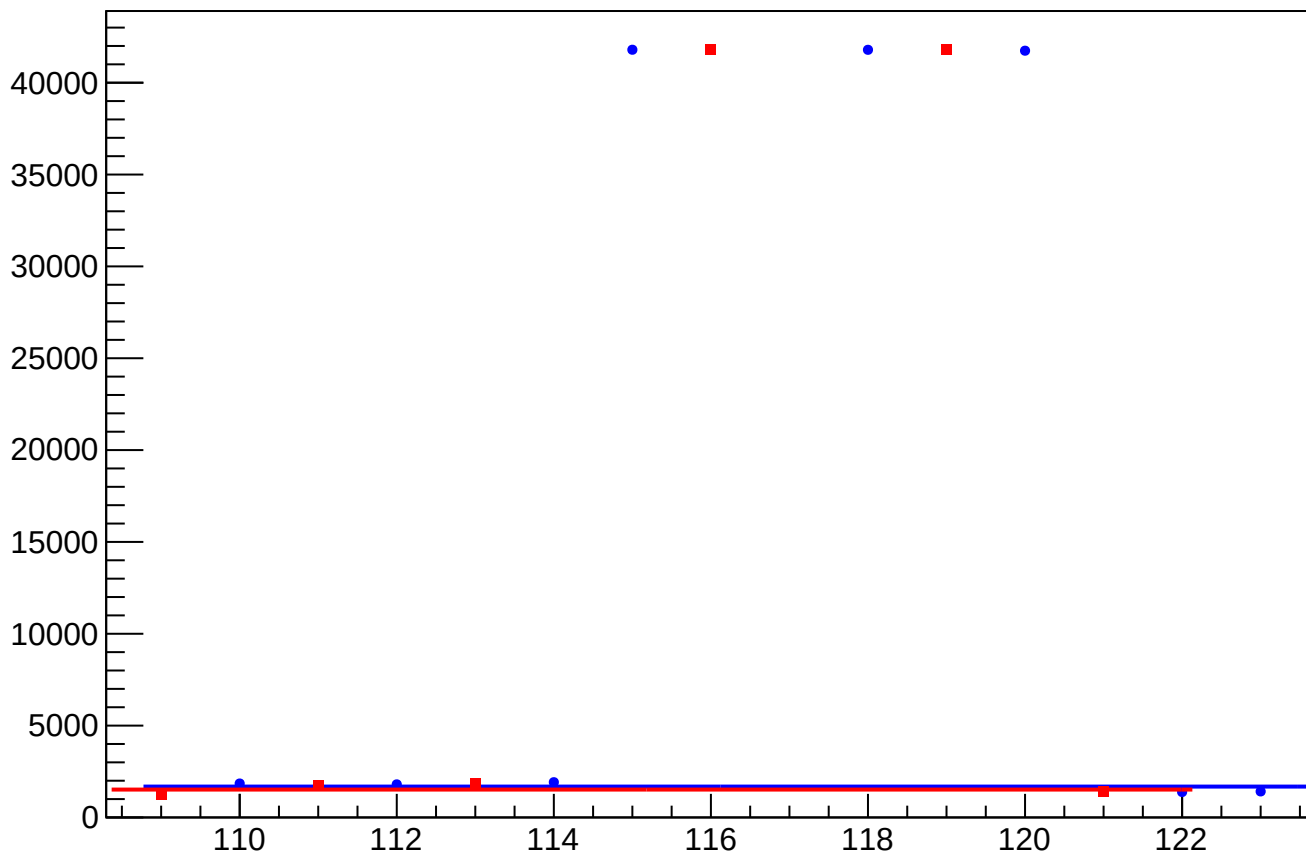
Right: -0.663 ± 0.901 χ^2/NDF : 7.7/13

In: -0.754 ± 1.375 χ^2/NDF : 4.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.663 ± 0.901 χ^2/NDF : 7.7/13

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1680.847+/-0.973 χ^2/NDF : 1976377.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1517.834+/-0.843 χ^2/NDF : 1877189.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

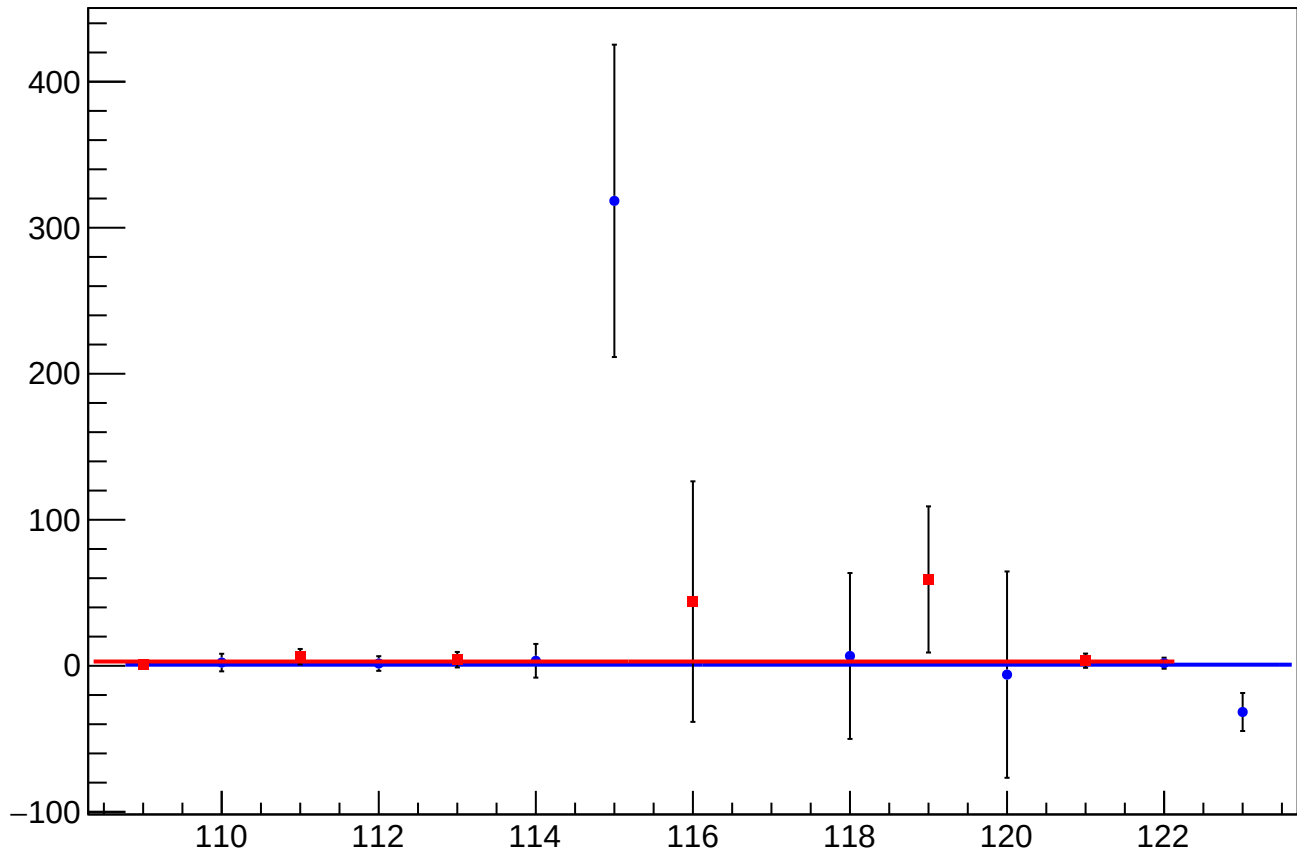
Right: 1587.794+/-0.637 χ^2/NDF : 3869605.2/13

In: 1680.847+/-0.973 χ^2/NDF : 1976377.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.794+/-0.637 χ^2/NDF : 3869605.2/13

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 0.780+/-2.569 χ^2/NDF : 15.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.945+/-2.053 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

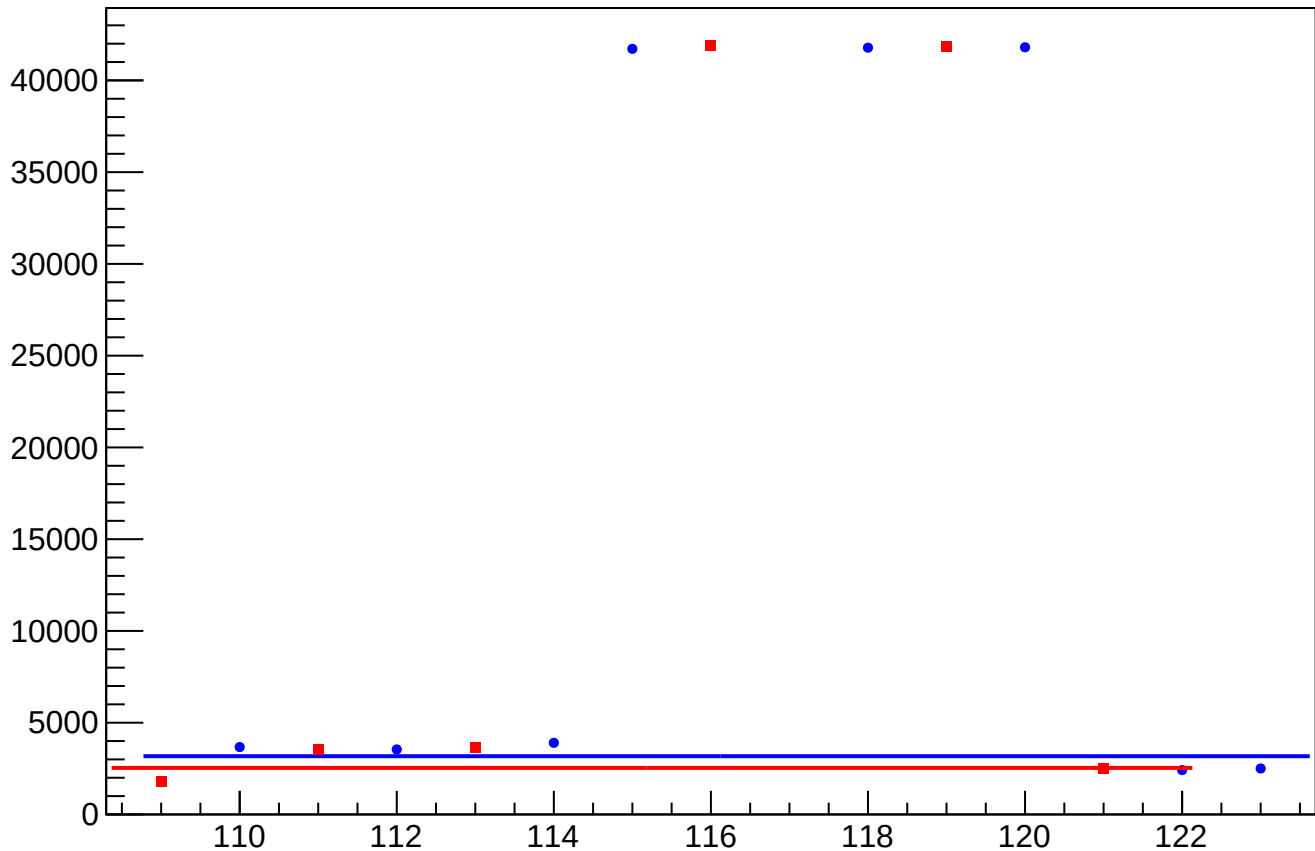
Right: 2.101+/-1.604 χ^2/NDF : 18.0/13

In: 0.780+/-2.569 χ^2/NDF : 15.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.101+/-1.604 χ^2/NDF : 18.0/13

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3174.216+/-1.817 χ^2/NDF : 1899987.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2536.207+/-1.452 χ^2/NDF : 1989186.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

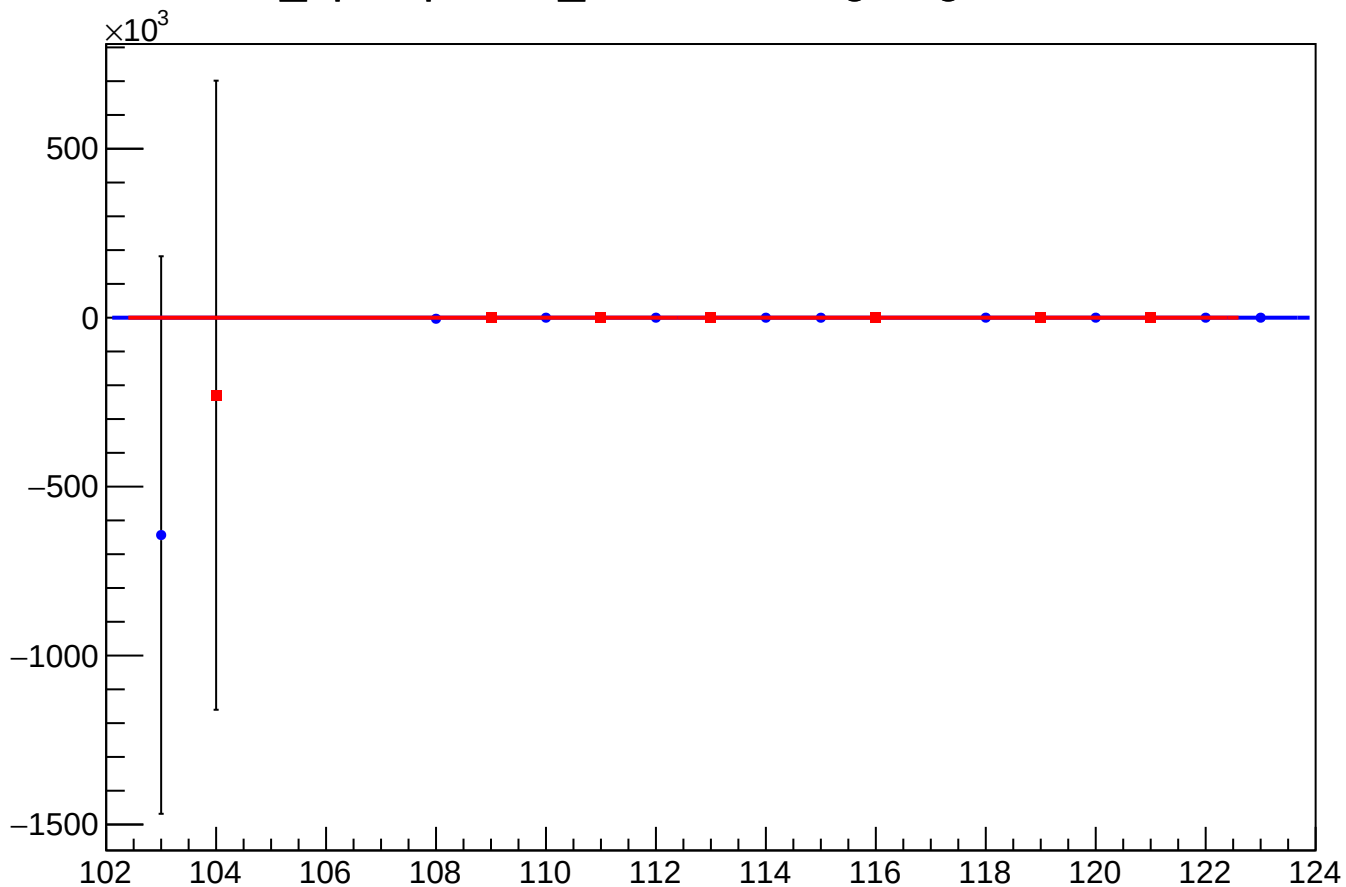
Right: 2784.843+/-1.134 χ^2/NDF : 3964429.7/13

In: 3174.216+/-1.817 χ^2/NDF : 1899987.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.843+/-1.134 χ^2/NDF : 3964429.7/13

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.927+/-2.339 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.679+/-2.199 χ^2/NDF : 8.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

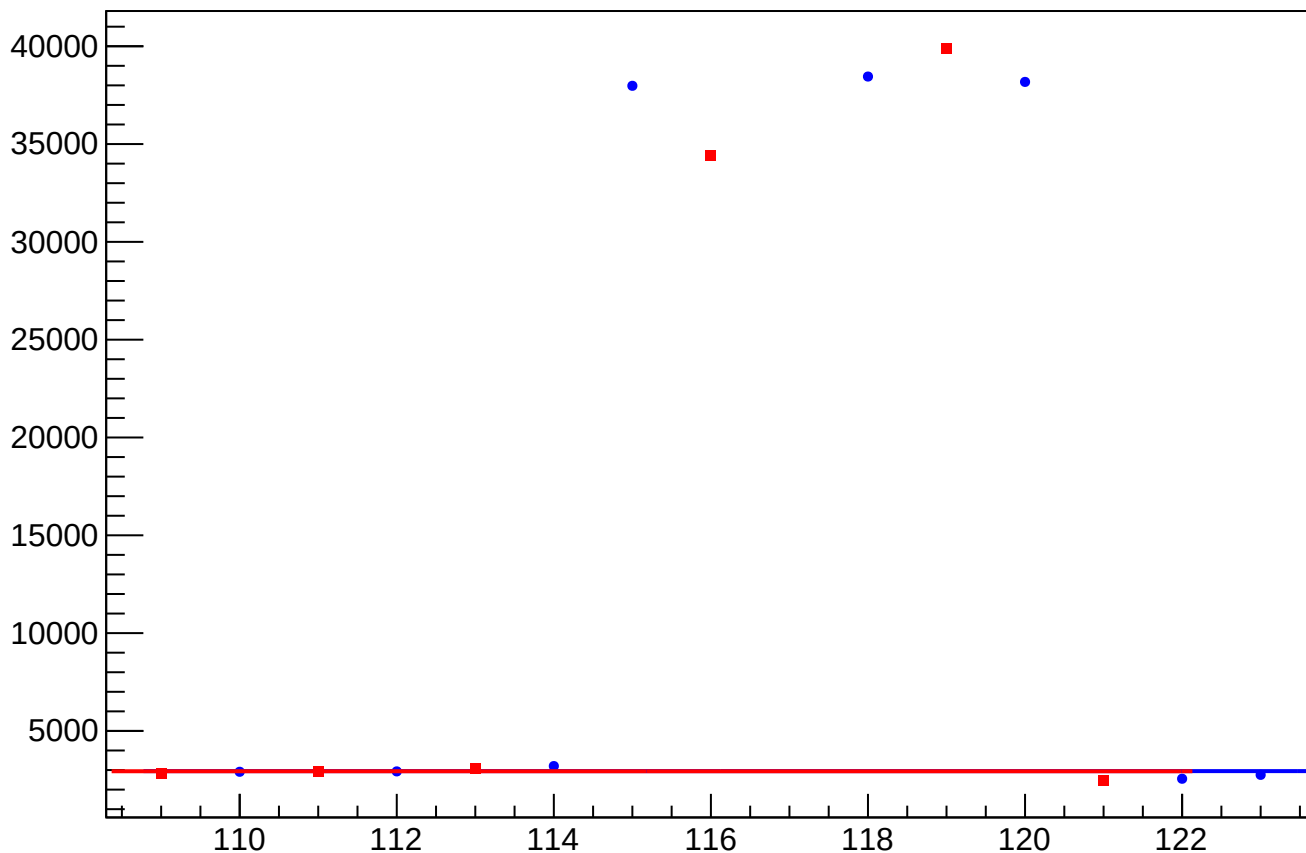
Right: 3.857+/-1.602 χ^2/NDF : 18.8/16

In: 2.927+/-2.339 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.857+/-1.602 χ^2/NDF : 18.8/16

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2945.875+/-1.654 χ^2/NDF : 1793078.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2939.053+/-1.555 χ^2/NDF : 1653608.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

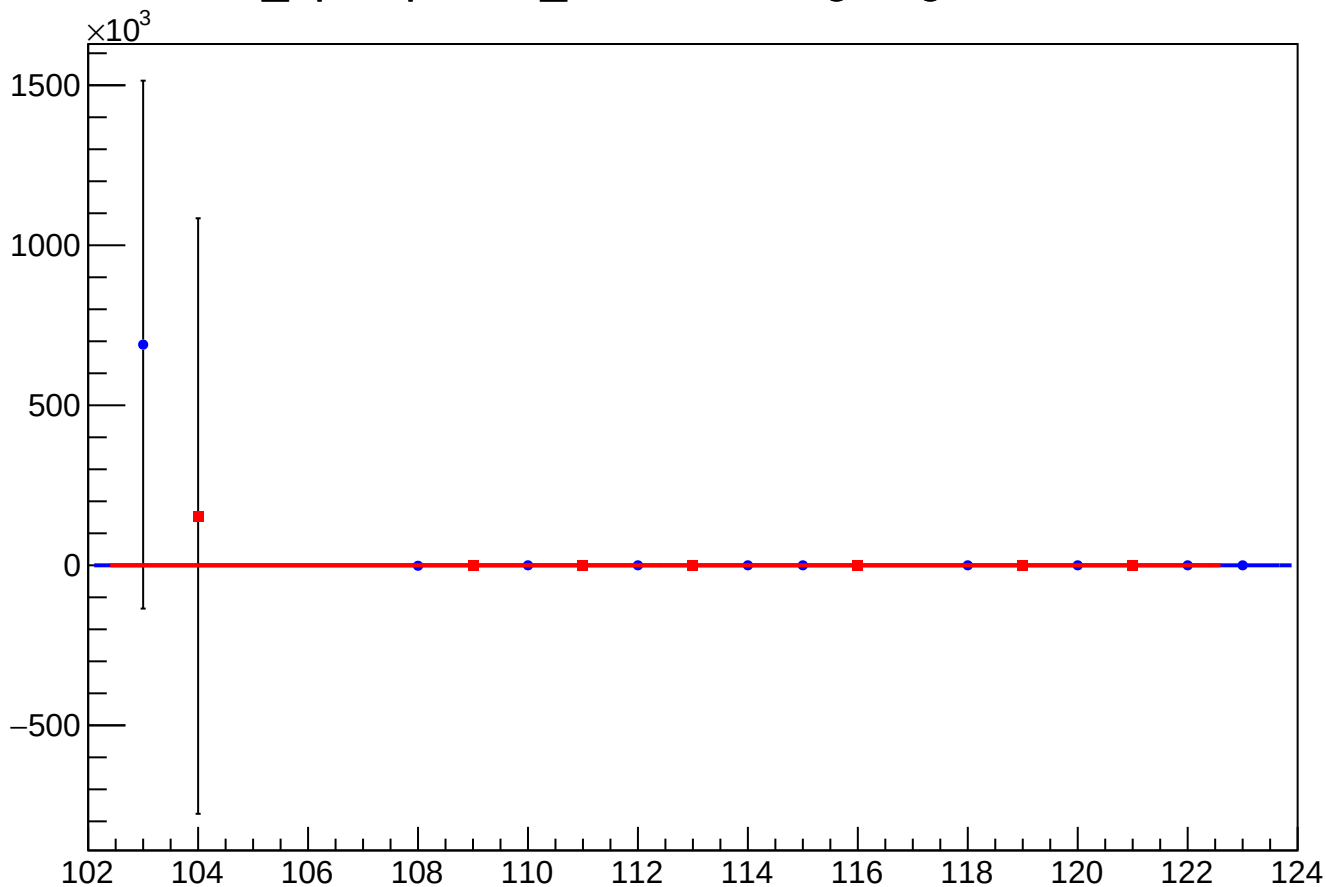
Right: 2942.253+/-1.133 χ^2/NDF : 3446695.8/13

In: 2945.875+/-1.654 χ^2/NDF : 1793078.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2942.253+/-1.133 χ^2/NDF : 3446695.8/13

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -0.725+/-2.304 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.426+/-1.781 χ^2/NDF : 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

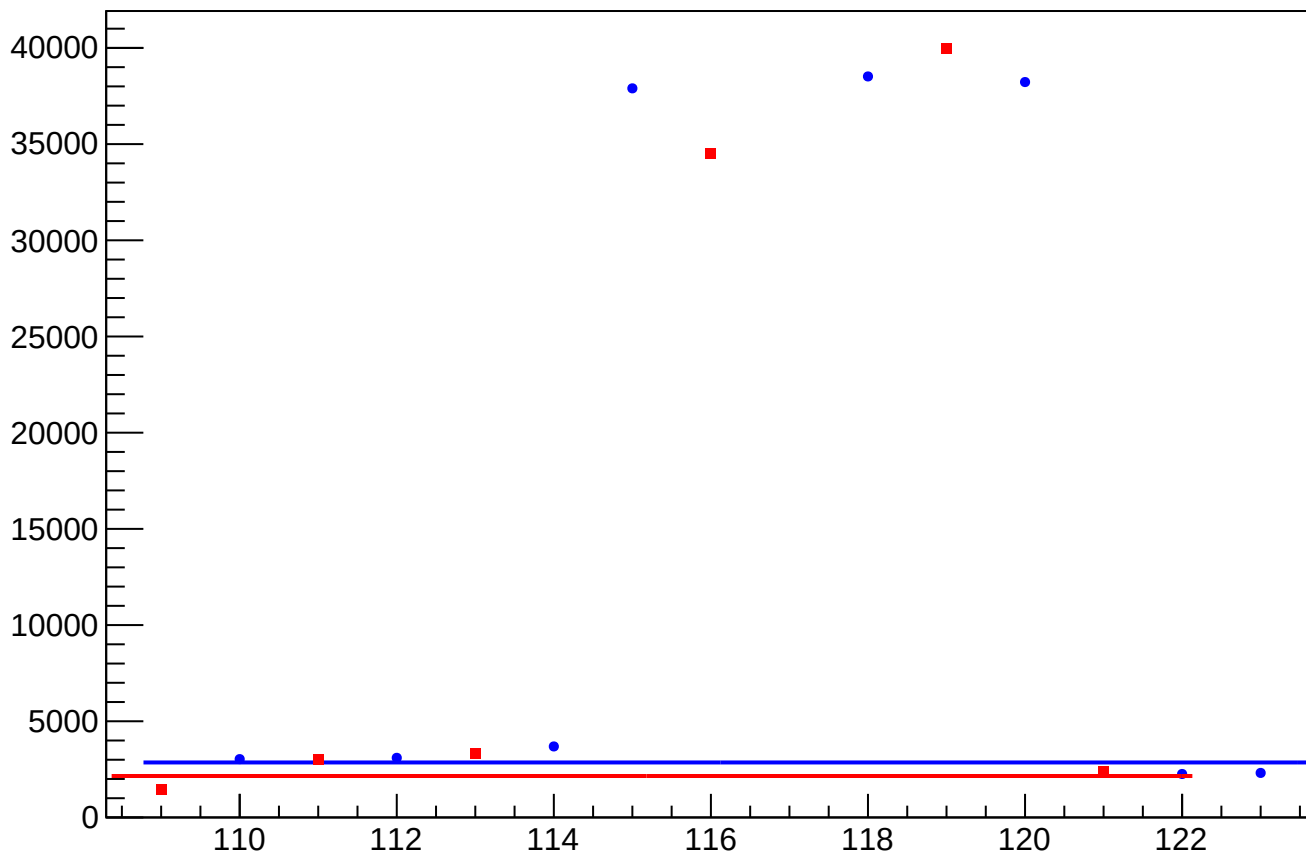
Right: 1.248+/-1.409 χ^2/NDF : 9.4/16

In: -0.725+/-2.304 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.248+/-1.409 χ^2/NDF : 9.4/16

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2858.540+/-1.629 χ^2/NDF : 1862305.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2154.571+/-1.259 χ^2/NDF : 2067551.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

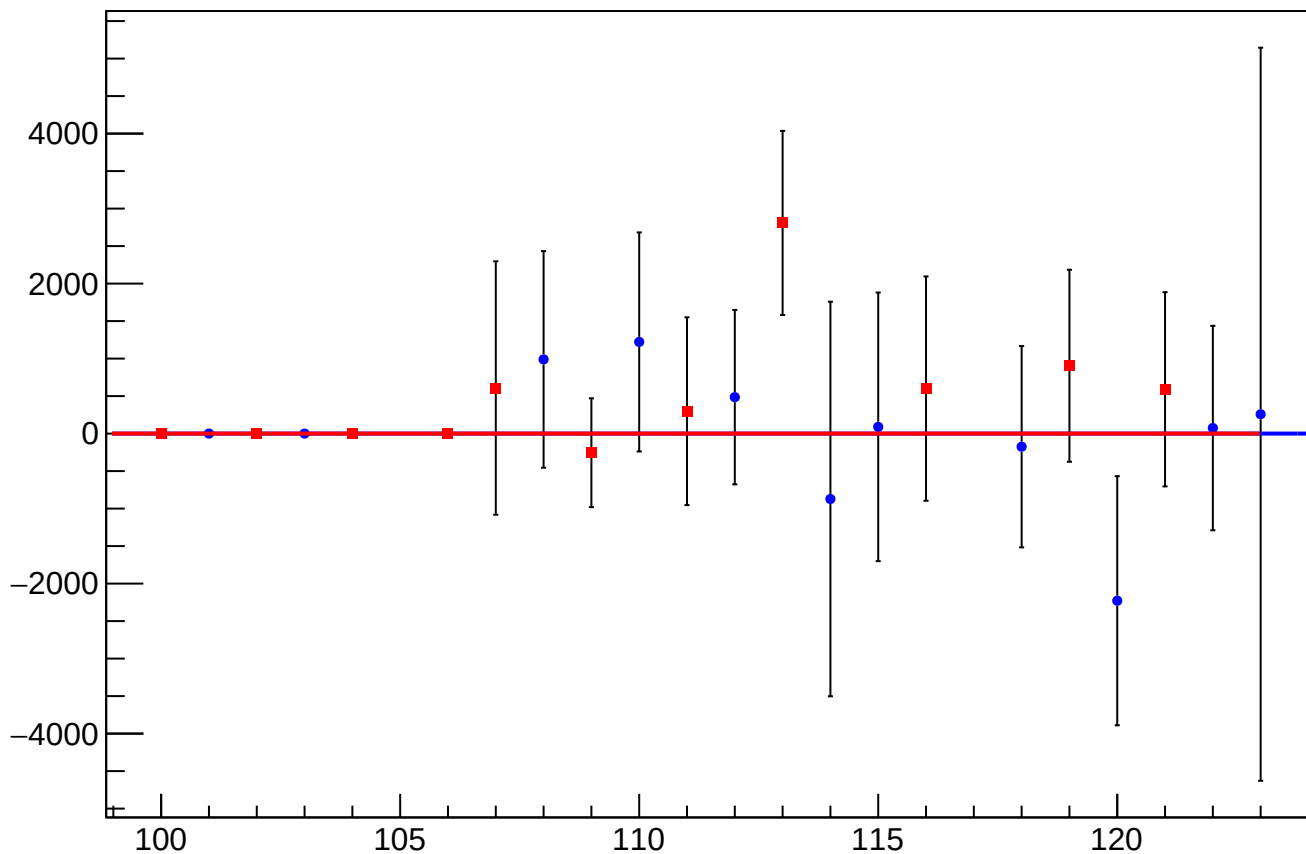
Right: 2417.900+/-0.996 χ^2/NDF : 4046744.4/13

In: 2858.540+/-1.629 χ^2/NDF : 1862305.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2417.900+/-0.996 χ^2/NDF : 4046744.4/13

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 3.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 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

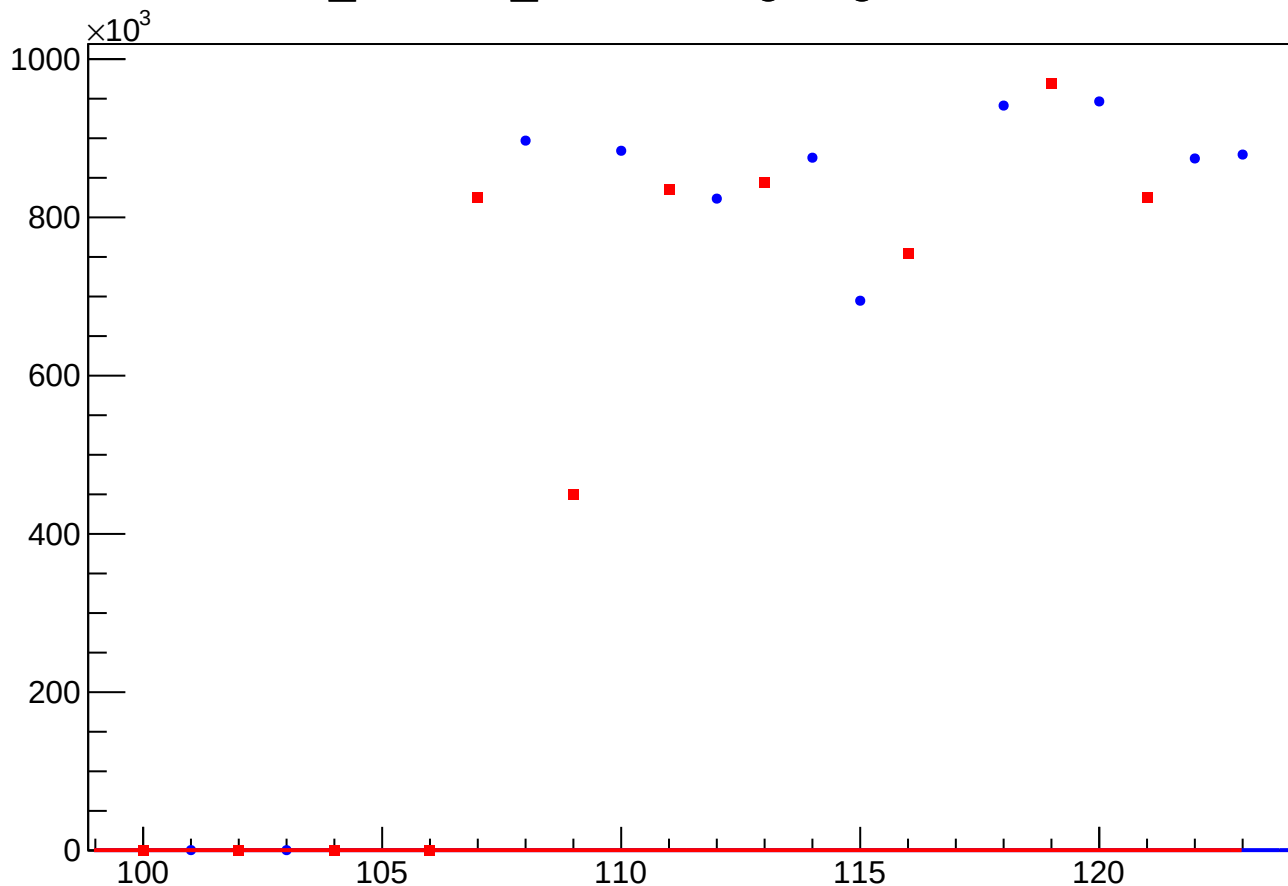
Right: 0.066+/-0.241 χ^2/NDF : 13.7/21

In: 0.256+/-0.356 χ^2/NDF : 3.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 13.7/21

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.531 $\pm$ 0.251 χ^2/NDF : 4880777.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.018 $\pm$ 0.232 χ^2/NDF : 4658486.4/10

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

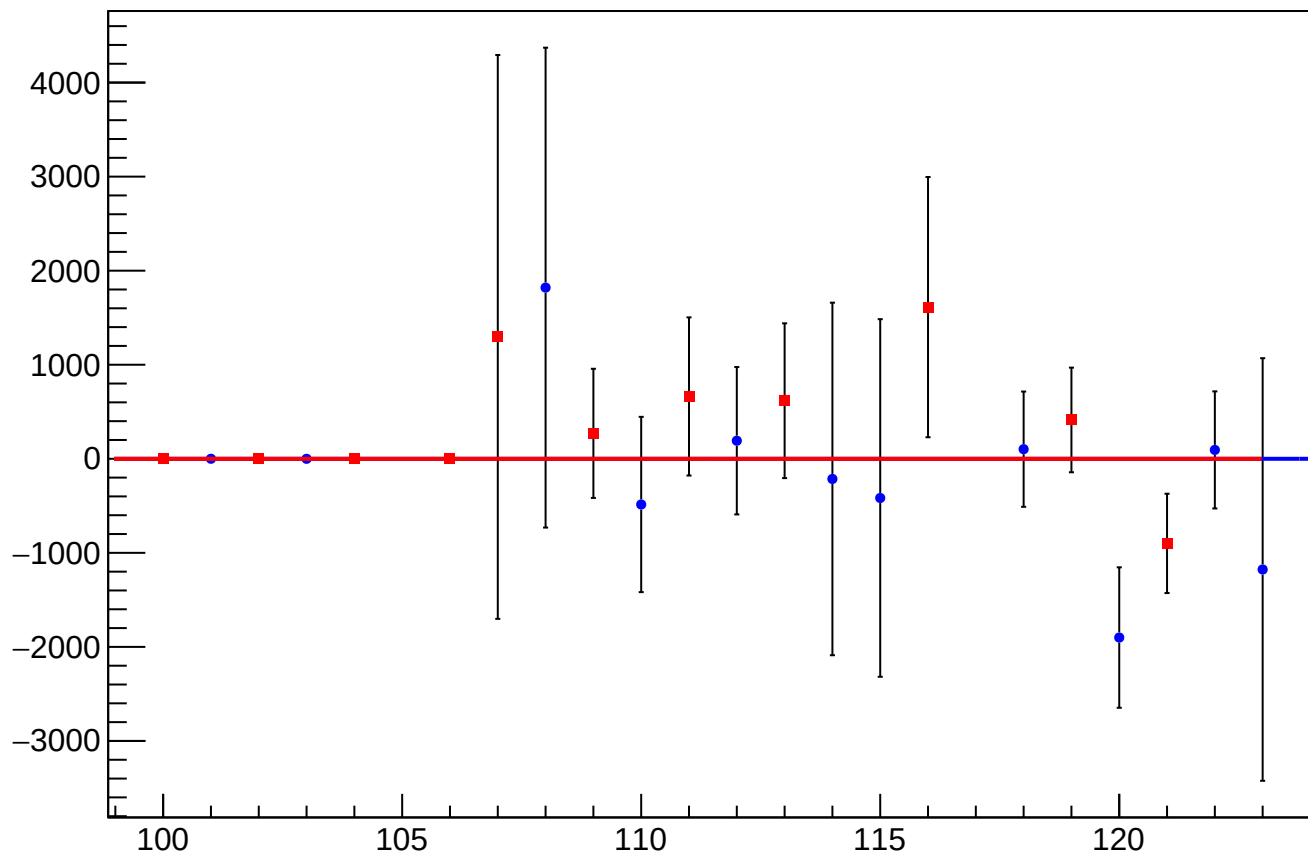
Right: 395.550 $\pm$ 0.170 χ^2/NDF : 9539523.2/21

In: 398.531 $\pm$ 0.251 χ^2/NDF : 4880777.0/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.550 $\pm$ 0.170 χ^2/NDF : 9539523.2/21

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 8.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 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

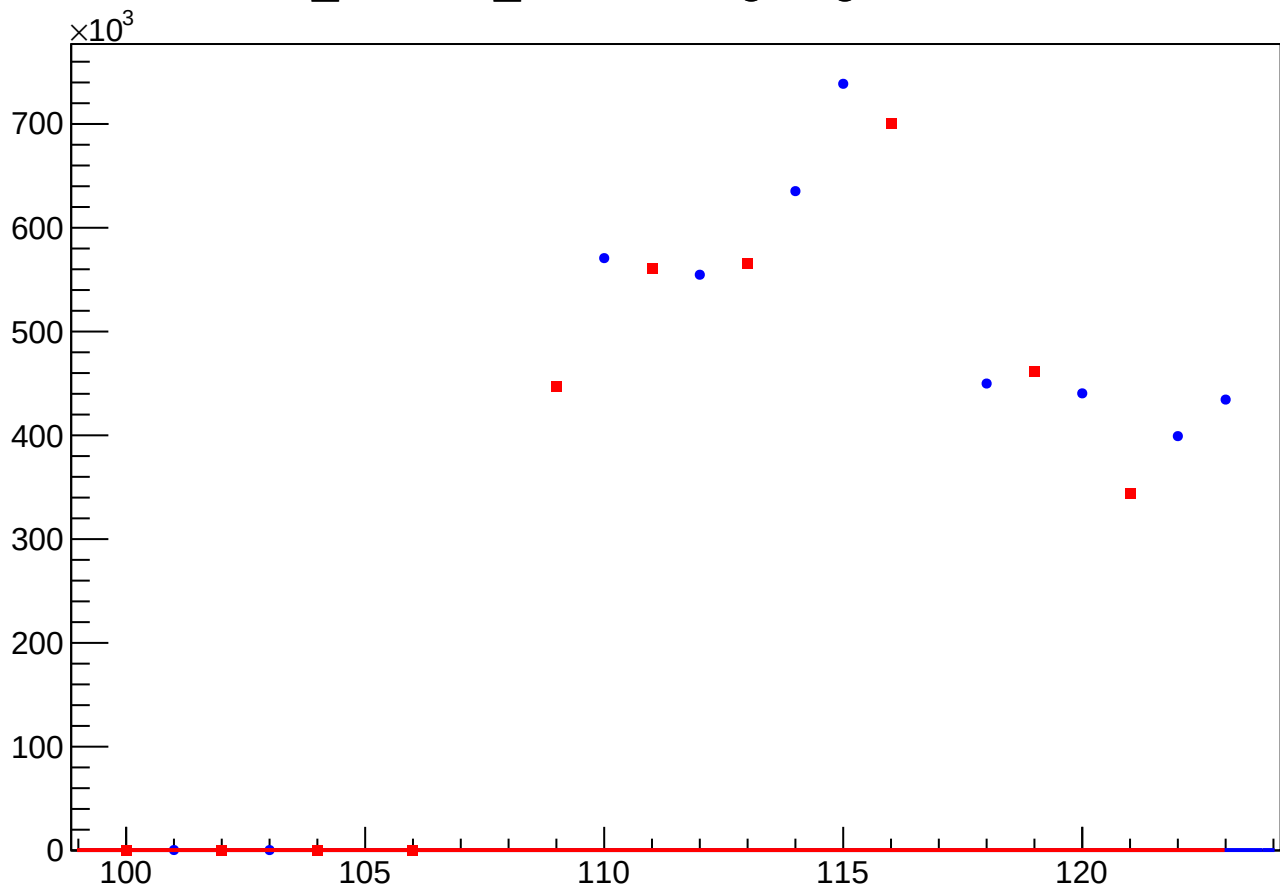
Right: -0.329 ± 0.237 χ^2/NDF : 16.3/21

In: -0.020 ± 0.347 χ^2/NDF : 8.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 16.3/21

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.274 $\pm$ 0.245 χ^2/NDF : 4961036.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.169 $\pm$ 0.229 χ^2/NDF : 5417559.6/9

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

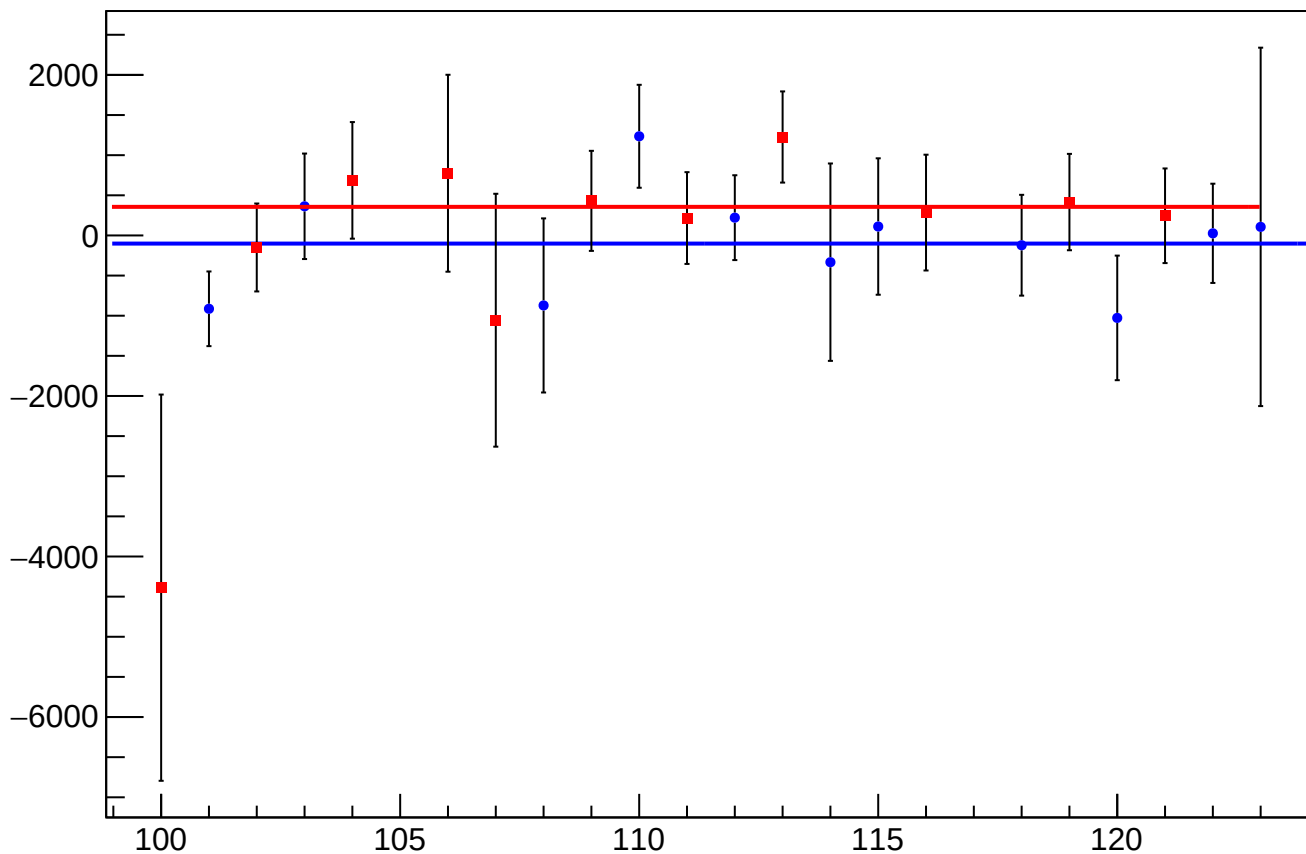
Right: 388.148 $\pm$ 0.167 χ^2/NDF : 10378635.4/19

In: 389.274 $\pm$ 0.245 χ^2/NDF : 4961036.5/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.148 $\pm$ 0.167 χ^2/NDF : 10378635.4/19

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -101.432+/-209.144 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.162+/-209.530 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

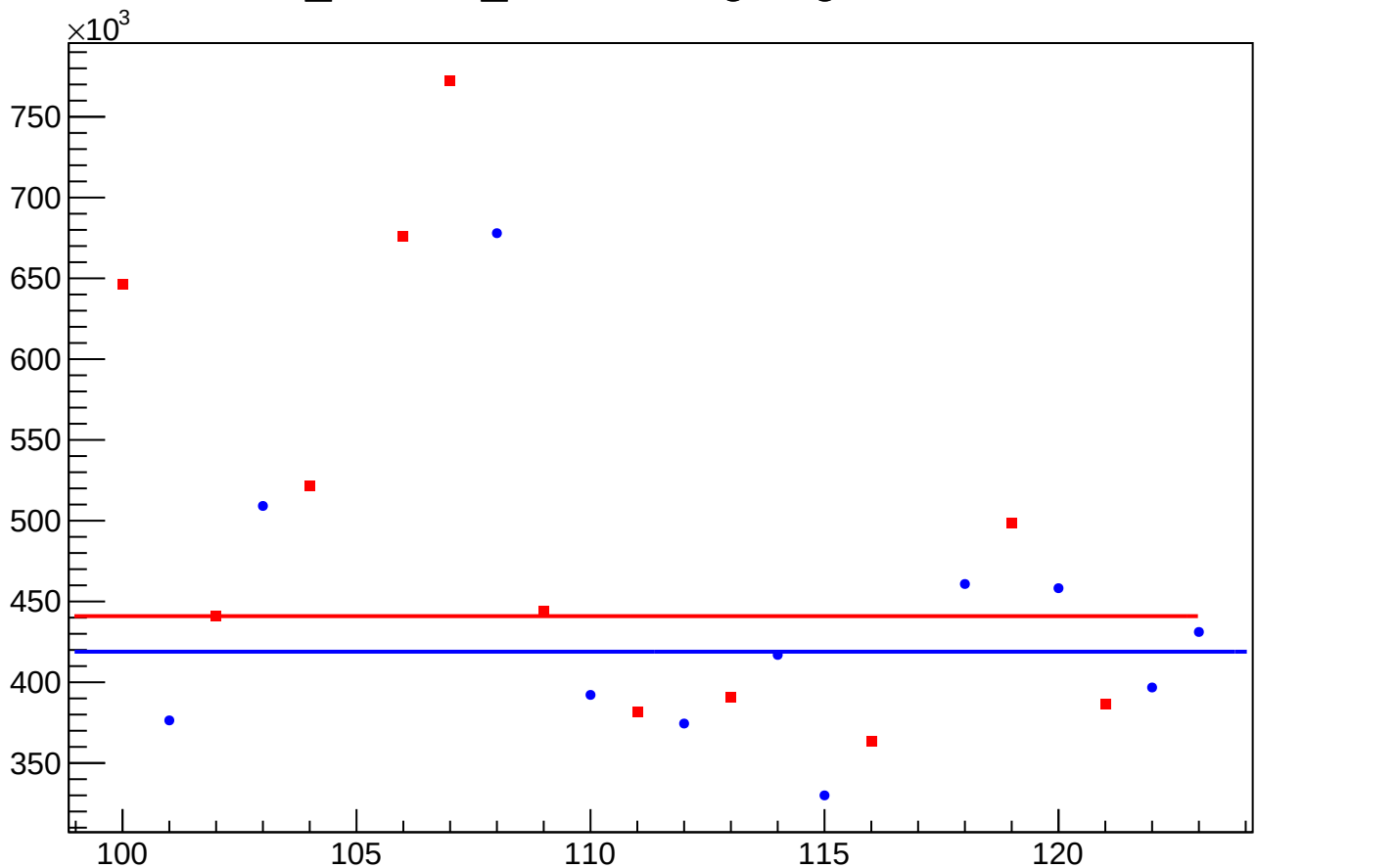
Right: 126.943+/-148.023 χ^2/NDF : 21.1/21

In: -101.432+/-209.144 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

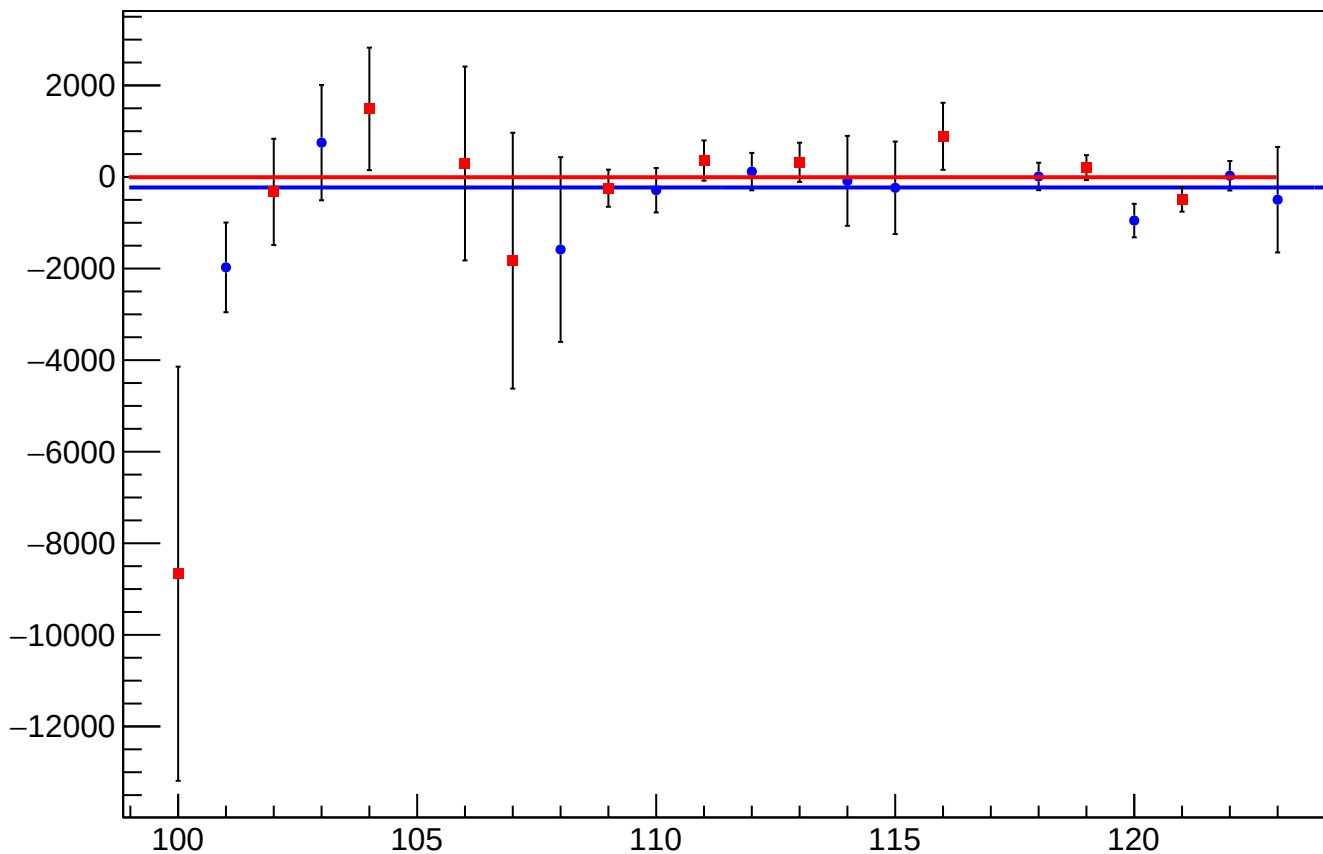
All: 126.943+/-148.023 χ^2/NDF : 21.1/21

diff_cav4cX_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 418918.368+/-147.887 χ^2/NDF : 224719.1/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 429897.186+/-104.692 χ^2/NDF : 530060.6/21
 In: 418918.368+/-147.887 χ^2/NDF : 224719.1/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 429897.186+/-104.692 χ^2/NDF : 530060.6/21

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -228.943+/-152.164 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.128+/-144.857 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

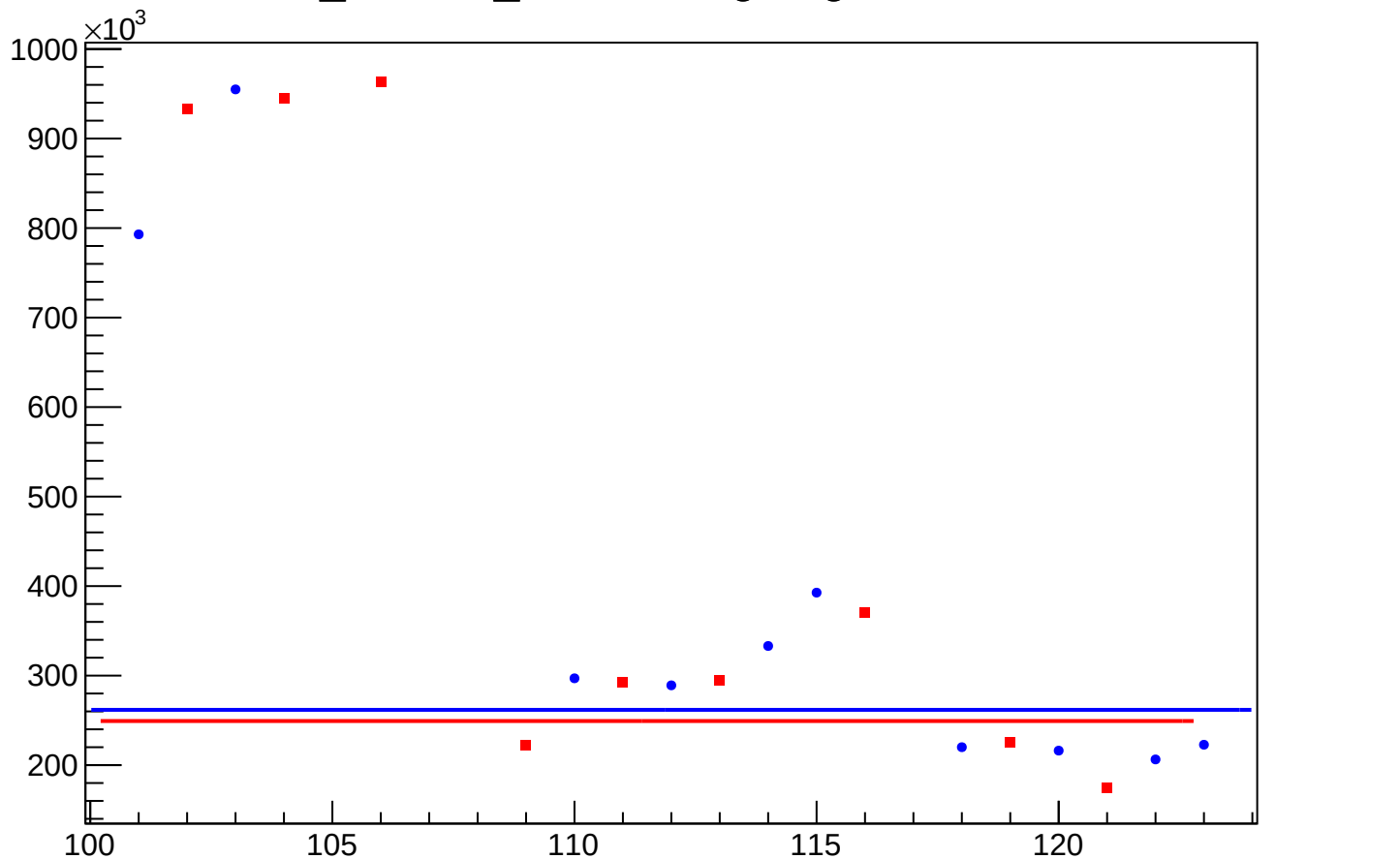
Right: -111.533+/-104.918 χ^2/NDF : 23.7/21

In: -228.943+/-152.164 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

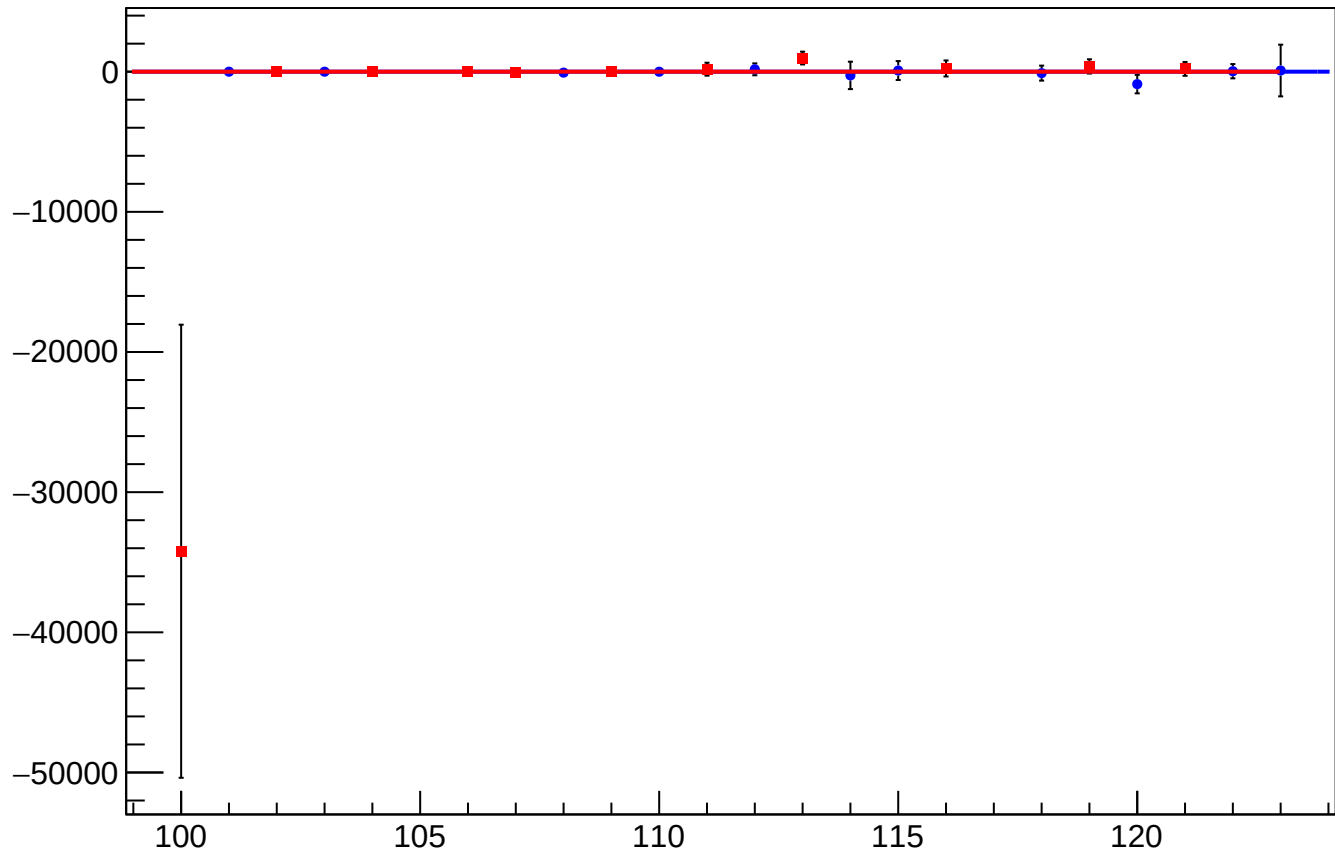
All: -111.533+/-104.918 χ^2/NDF : 23.7/21

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 261758.249 $\pm$ 108.157 χ^2/NDF : 1197367.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 249260.909 $\pm$ 103.134 χ^2/NDF : 1400983.6/8
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 255212.694 $\pm$ 74.639 χ^2/NDF : 2605344.1/18
 In: 261758.249 $\pm$ 108.157 χ^2/NDF : 1197367.7/9
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 255212.694 $\pm$ 74.639 χ^2/NDF : 2605344.1/18

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 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

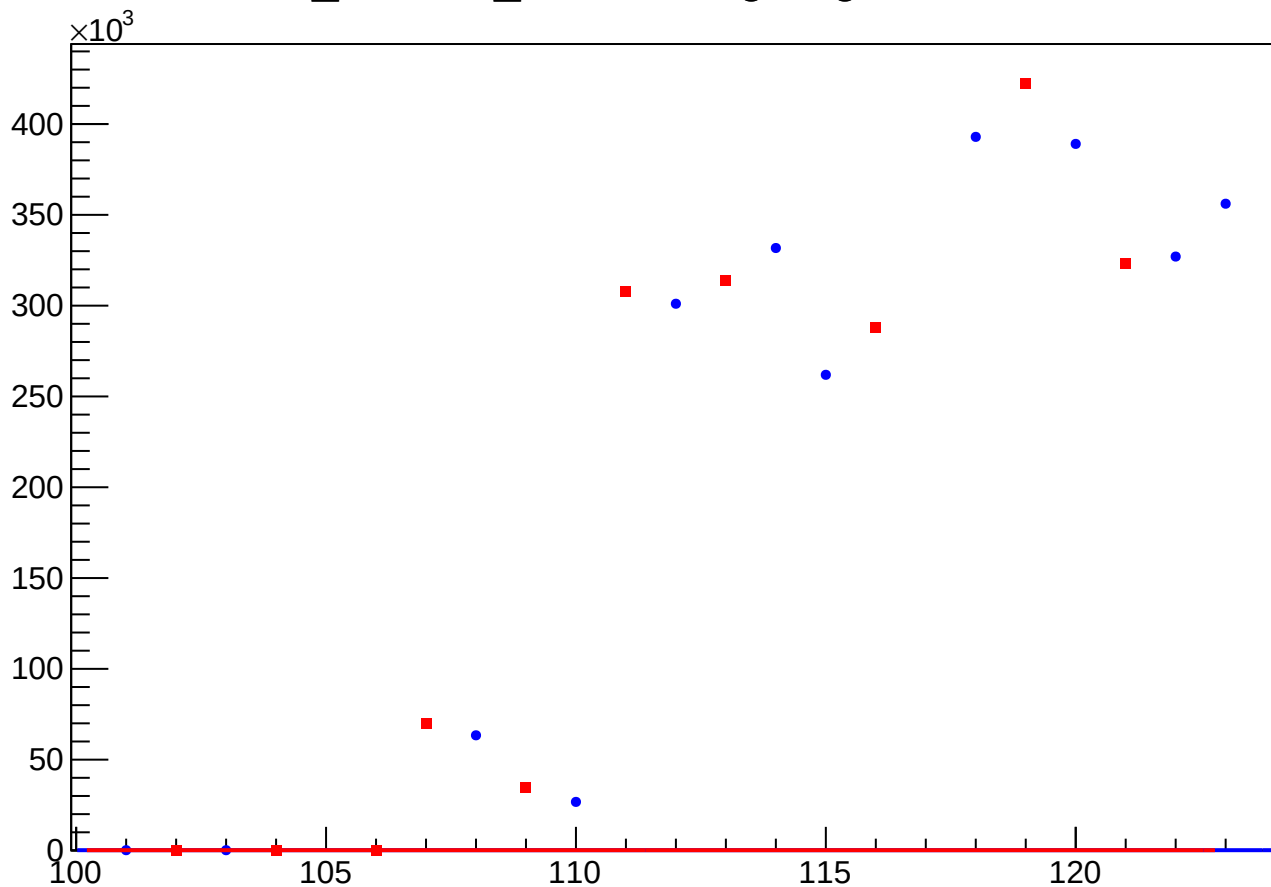
Right: 0.174+/-0.117 χ^2/NDF : 16.7/21

In: -0.035+/-0.172 χ^2/NDF : 3.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 16.7/21

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.805 $\pm$ 0.122 χ^2/NDF : 5259694.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.167 $\pm$ 0.113 χ^2/NDF : 5666009.1/9

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

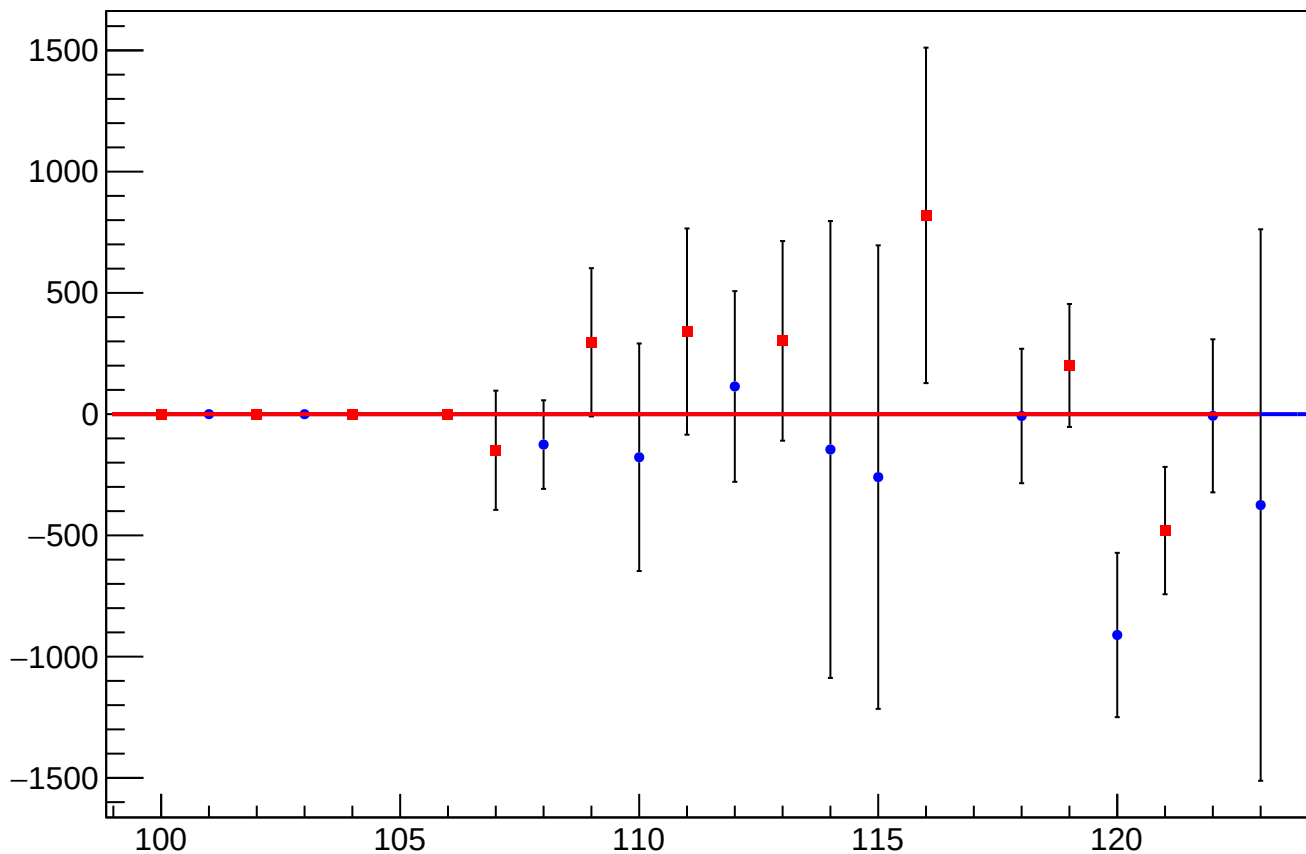
Right: 148.999 $\pm$ 0.083 χ^2/NDF : 10925708.4/20

In: 148.805 $\pm$ 0.122 χ^2/NDF : 5259694.5/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.999 $\pm$ 0.083 χ^2/NDF : 10925708.4/20

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 8.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.166 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

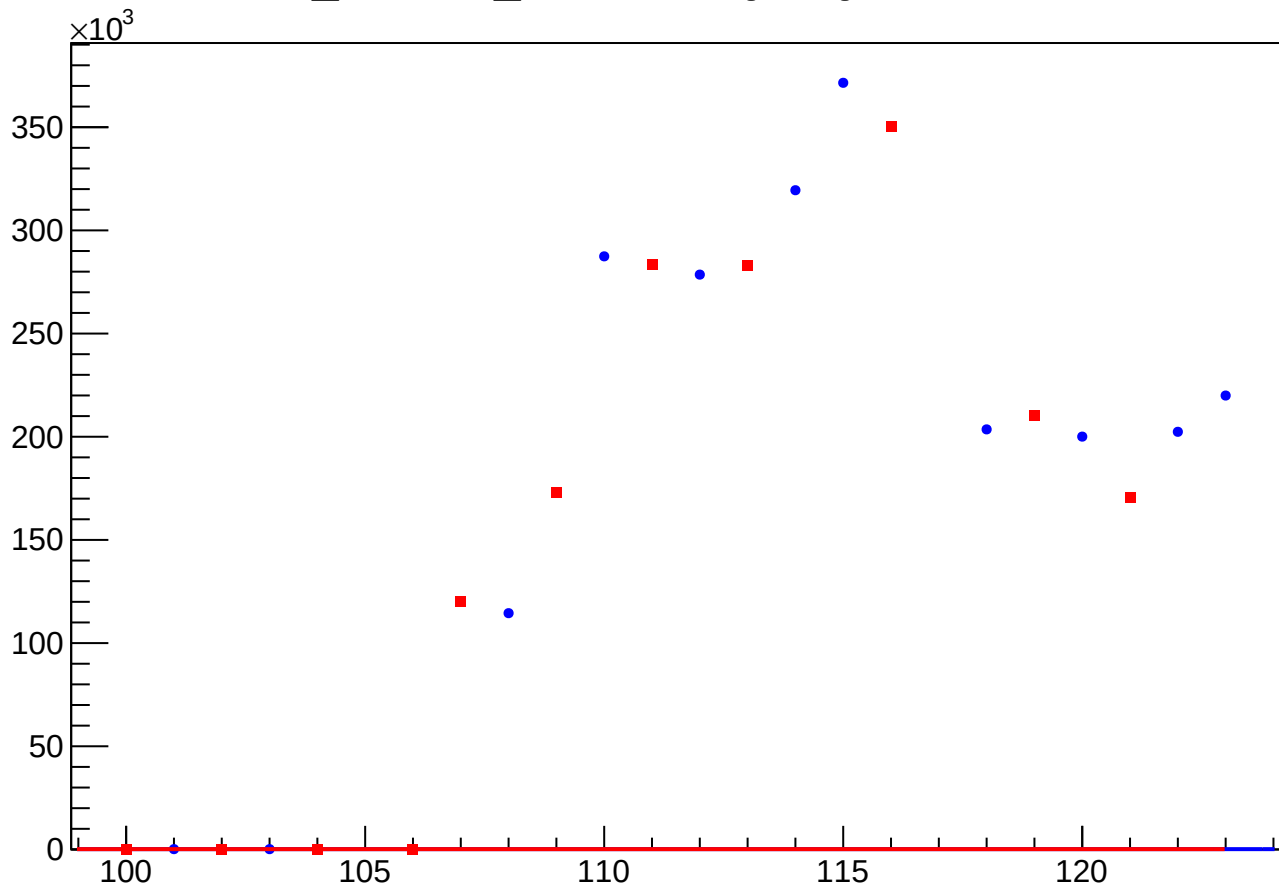
Right: -0.099 ± 0.121 χ^2/NDF : 16.4/21

In: -0.068 ± 0.177 χ^2/NDF : 8.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 16.4/21

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.950 $\pm$ 0.125 χ^2/NDF : 5738487.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.729 $\pm$ 0.118 χ^2/NDF : 5671192.0/10

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

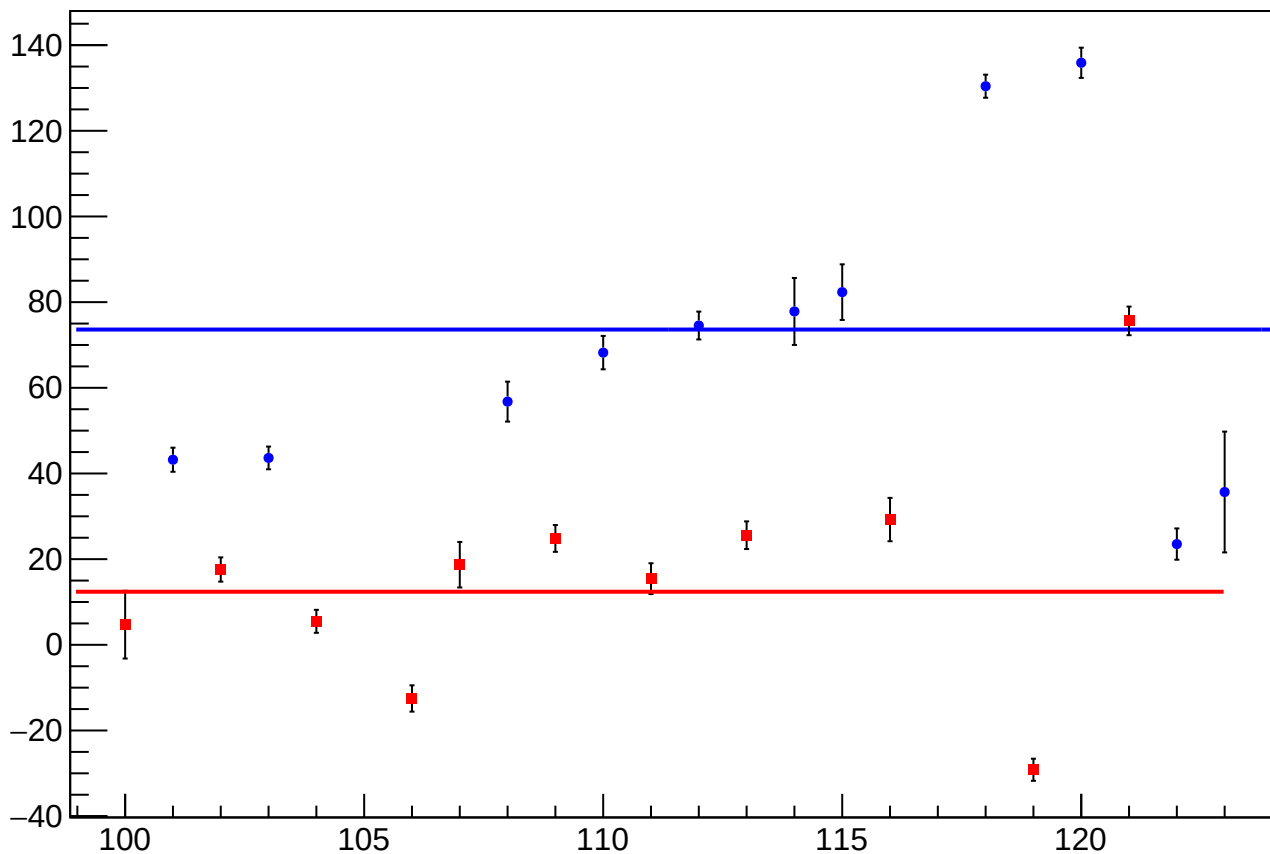
Right: 154.427 $\pm$ 0.086 χ^2/NDF : 11409940.7/21

In: 152.950 $\pm$ 0.125 χ^2/NDF : 5738487.6/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.427 $\pm$ 0.086 χ^2/NDF : 11409940.7/21

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 73.604 $\pm$ 1.109 χ^2 /NDF: 1212.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.395 $\pm$ 1.013 χ^2 /NDF: 740.7/10

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

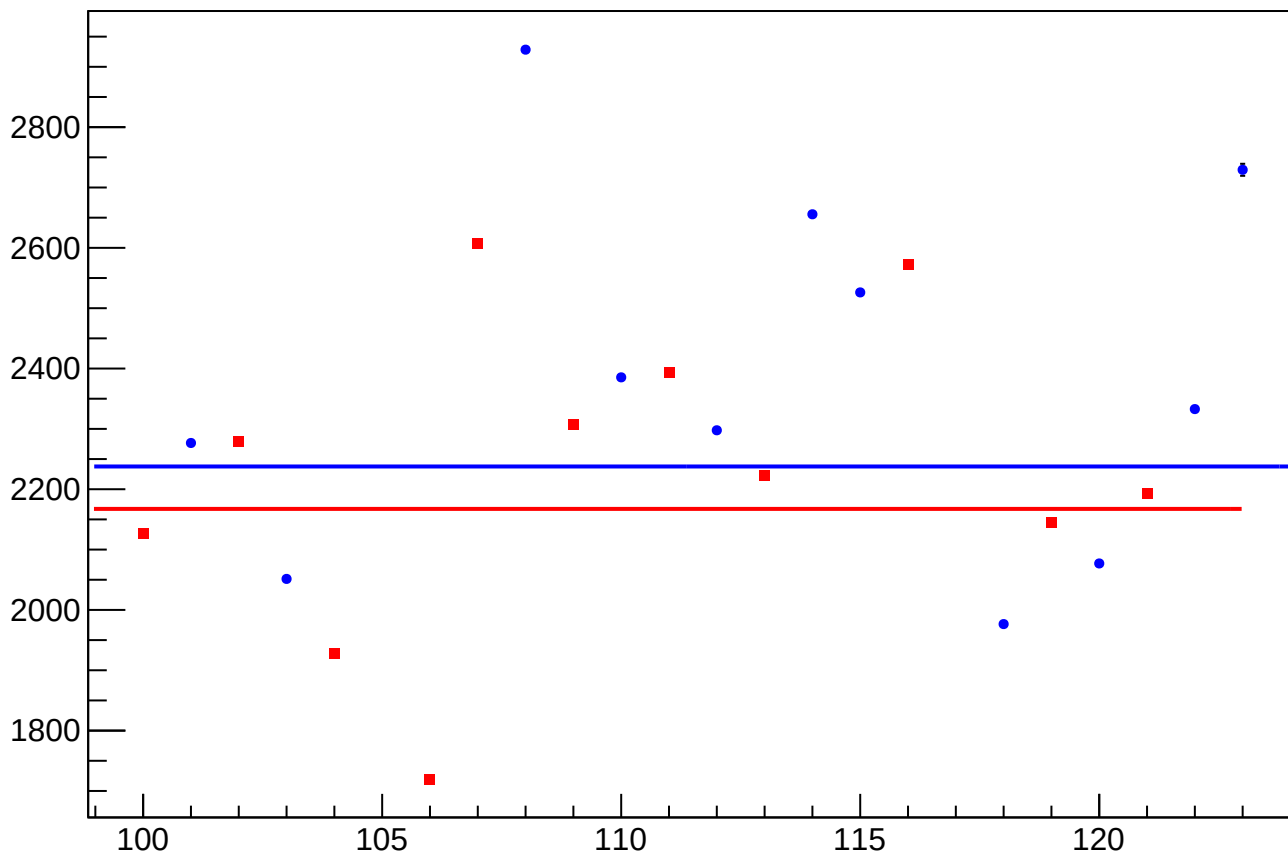
Right: 40.229 $\pm$ 0.748 χ^2 /NDF: 3615.1/21

In: 73.604 $\pm$ 1.109 χ^2 /NDF:1212.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.229 $\pm$ 0.748 χ^2 /NDF: 3615.1/21

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2237.697+/-0.784 χ^2/NDF : 94057.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2167.411+/-0.716 χ^2/NDF : 100964.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

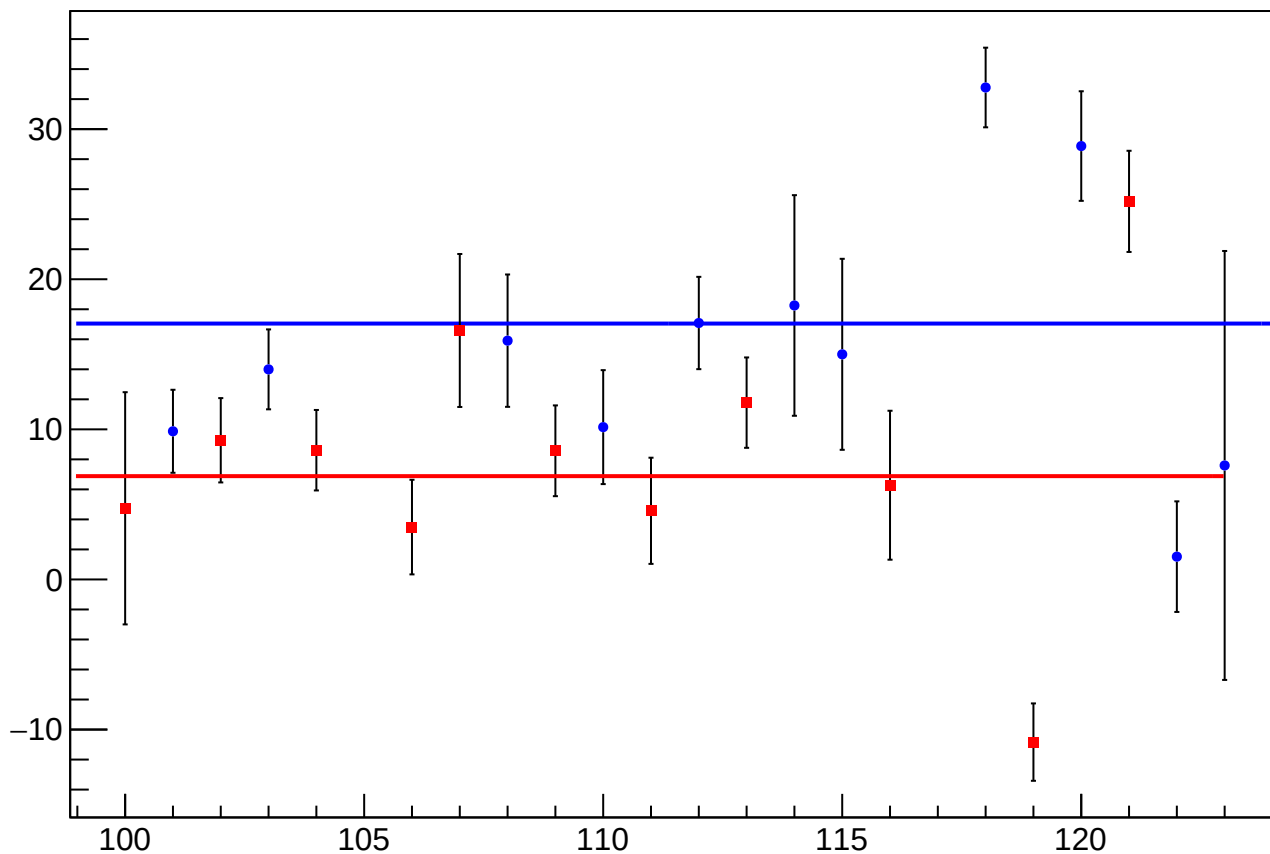
Right: 2199.372+/-0.529 χ^2/NDF : 199404.0/21

In: 2237.697+/-0.784 χ^2/NDF : 94057.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.372+/-0.529 χ^2/NDF : 199404.0/21

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 17.047+/-1.093 χ^2/NDF : 75.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.883+/-1.000 χ^2/NDF : 86.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

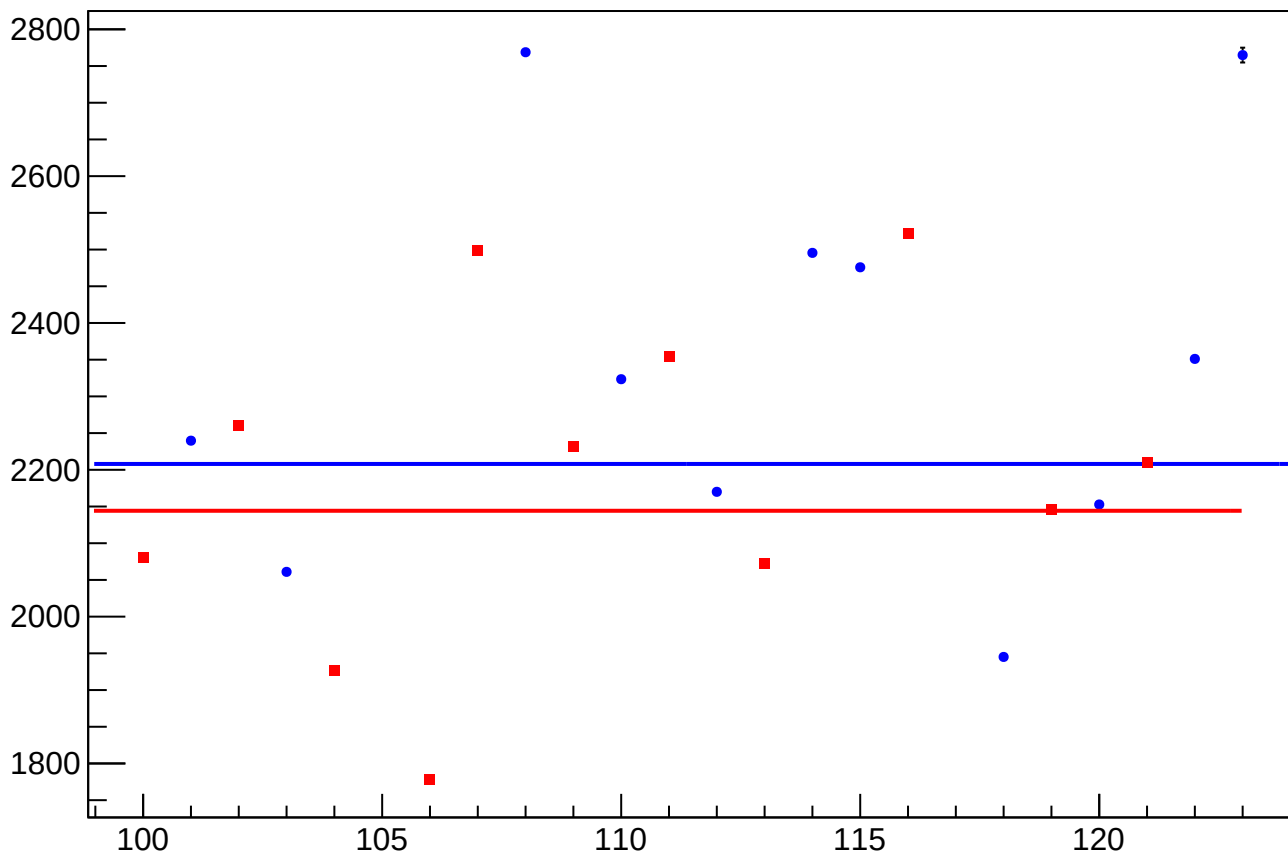
Right: 11.514+/-0.738 χ^2/NDF : 208.6/21

In: 17.047+/-1.093 χ^2/NDF : 75.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.514+/-0.738 χ^2/NDF : 208.6/21

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2207.970+/-0.773 χ^2/NDF : 73622.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2144.198+/-0.707 χ^2/NDF : 75690.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

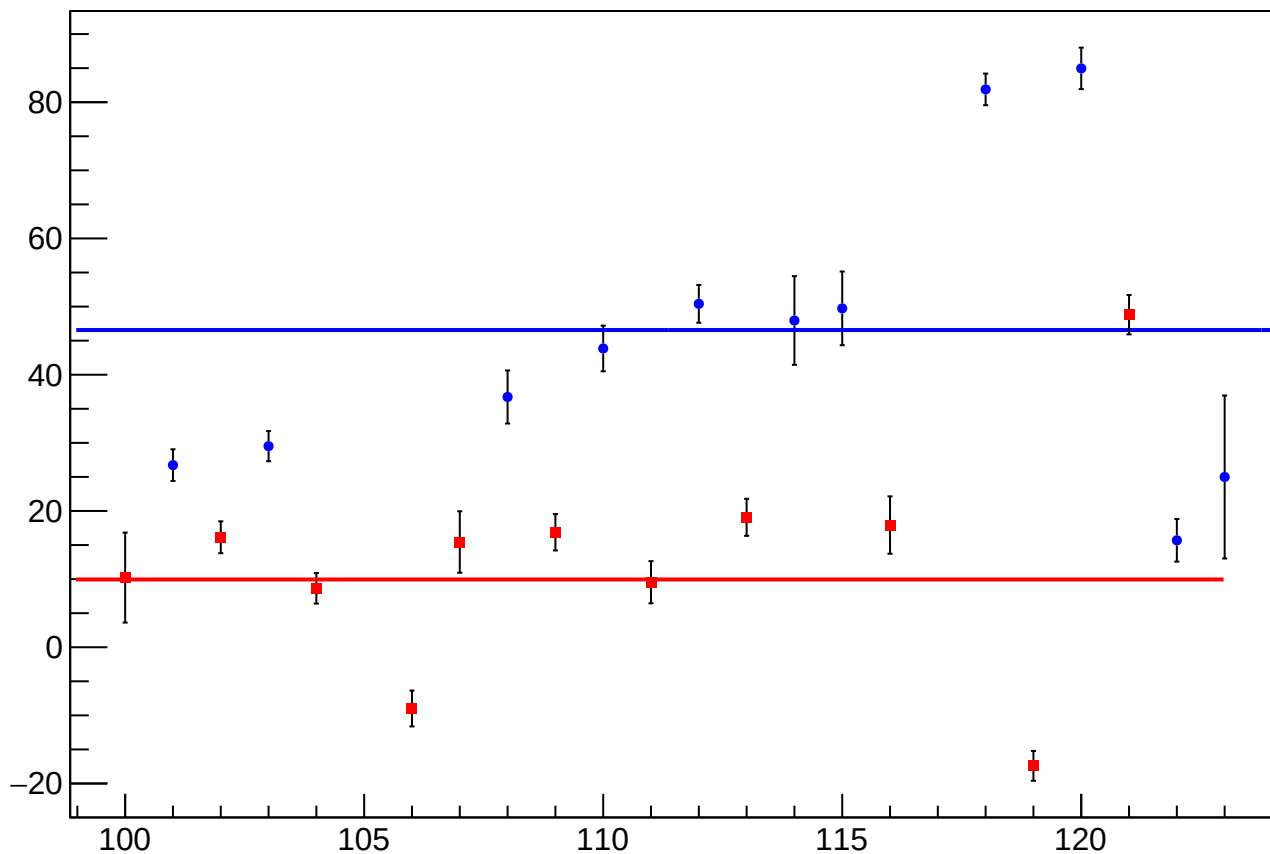
Right: 2173.253+/-0.522 χ^2/NDF : 153021.1/21

In: 2207.970+/-0.773 χ^2/NDF : 73622.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.253+/-0.522 χ^2/NDF : 153021.1/21

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 46.559+/-0.939 χ^2/NDF : 632.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.948+/-0.856 χ^2/NDF : 419.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

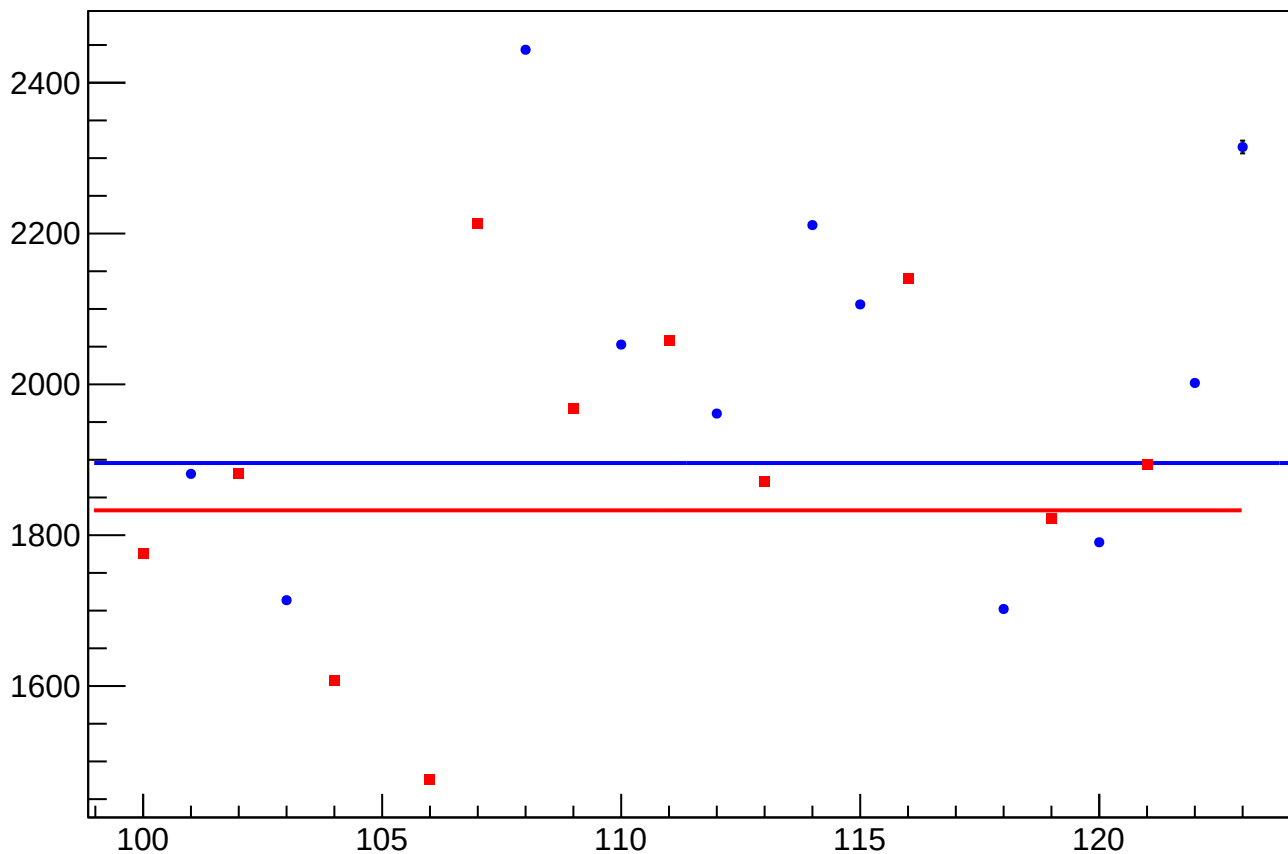
Right: 26.572+/-0.633 χ^2/NDF : 1882.5/21

In: 46.559+/-0.939 χ^2/NDF : 632.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.572+/-0.633 χ^2/NDF : 1882.5/21

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1895.698 $\pm$ 0.664 χ^2 /NDF: 87509.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1832.937 $\pm$ 0.605 χ^2 /NDF: 99999.3/10

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

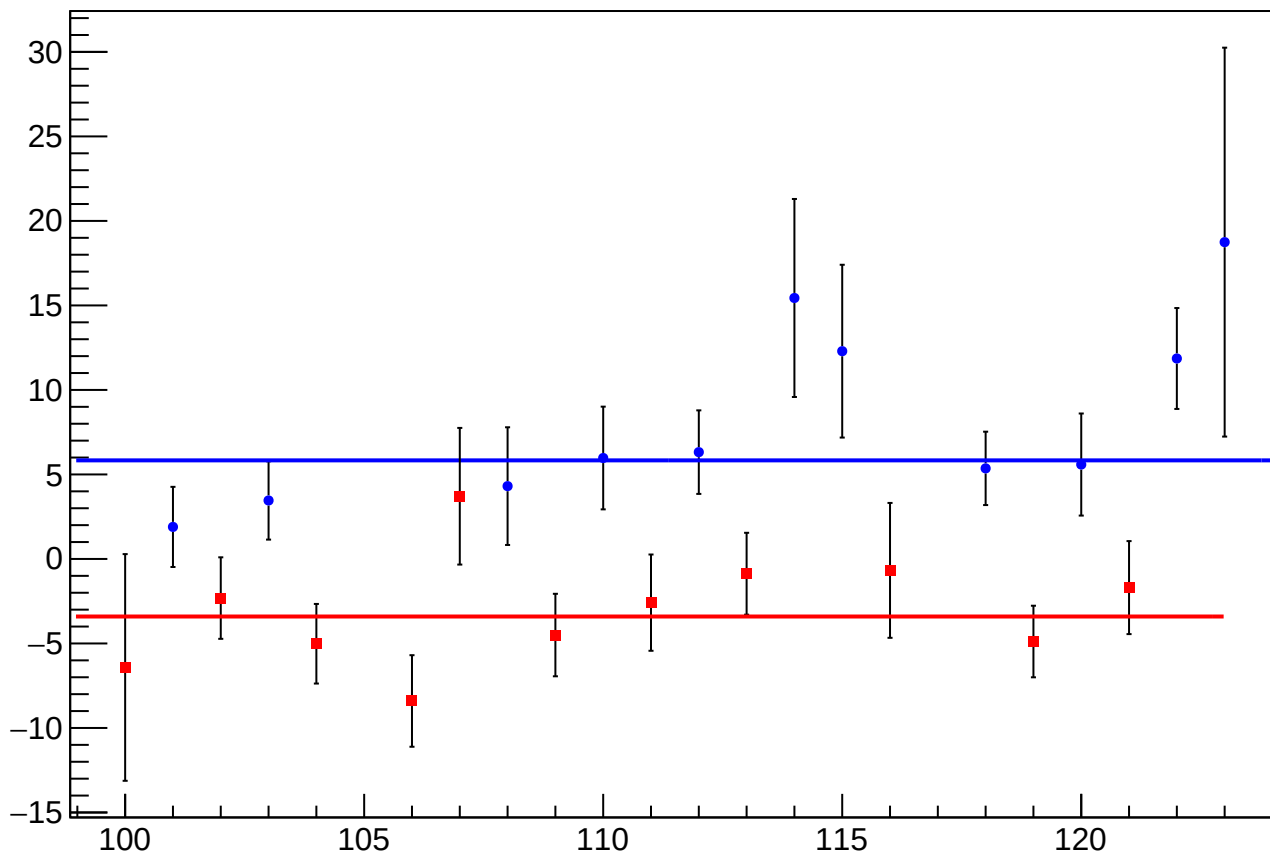
Right: 1861.435 $\pm$ 0.447 χ^2 /NDF: 192388.8/21

In: 1895.698 $\pm$ 0.664 χ^2 /NDF:87509.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1861.435 $\pm$ 0.447 χ^2 /NDF: 192388.8/21

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.833 $\pm$ 0.902 χ^2 /NDF: 13.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.406 $\pm$ 0.830 χ^2 /NDF: 10.1/10

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

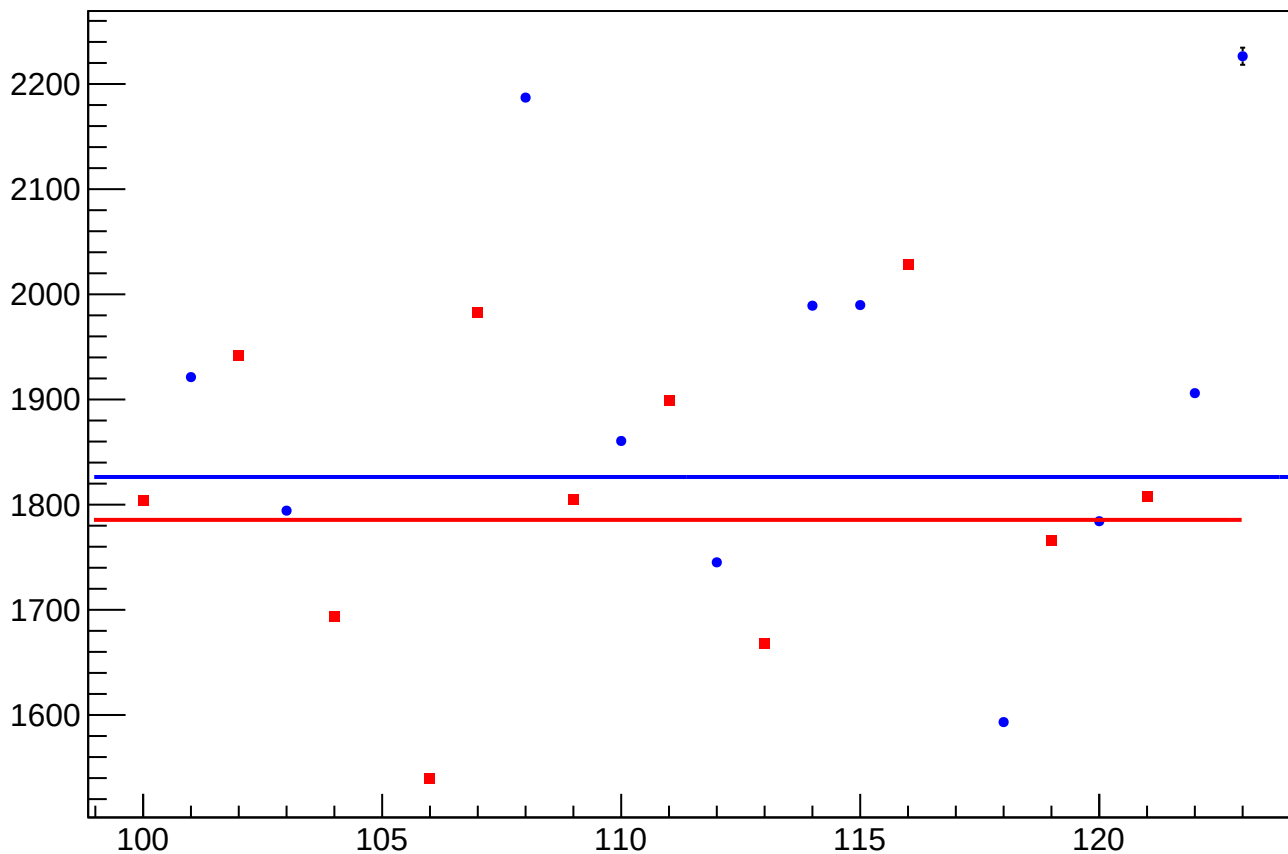
Right: 0.828 $\pm$ 0.611 χ^2 /NDF: 80.6/21

In: 5.833 $\pm$ 0.902 χ^2 /NDF:13.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.828 $\pm$ 0.611 χ^2 /NDF: 80.6/21

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1826.309+/-0.638 χ^2/NDF : 58353.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1785.532+/-0.587 χ^2/NDF : 48491.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

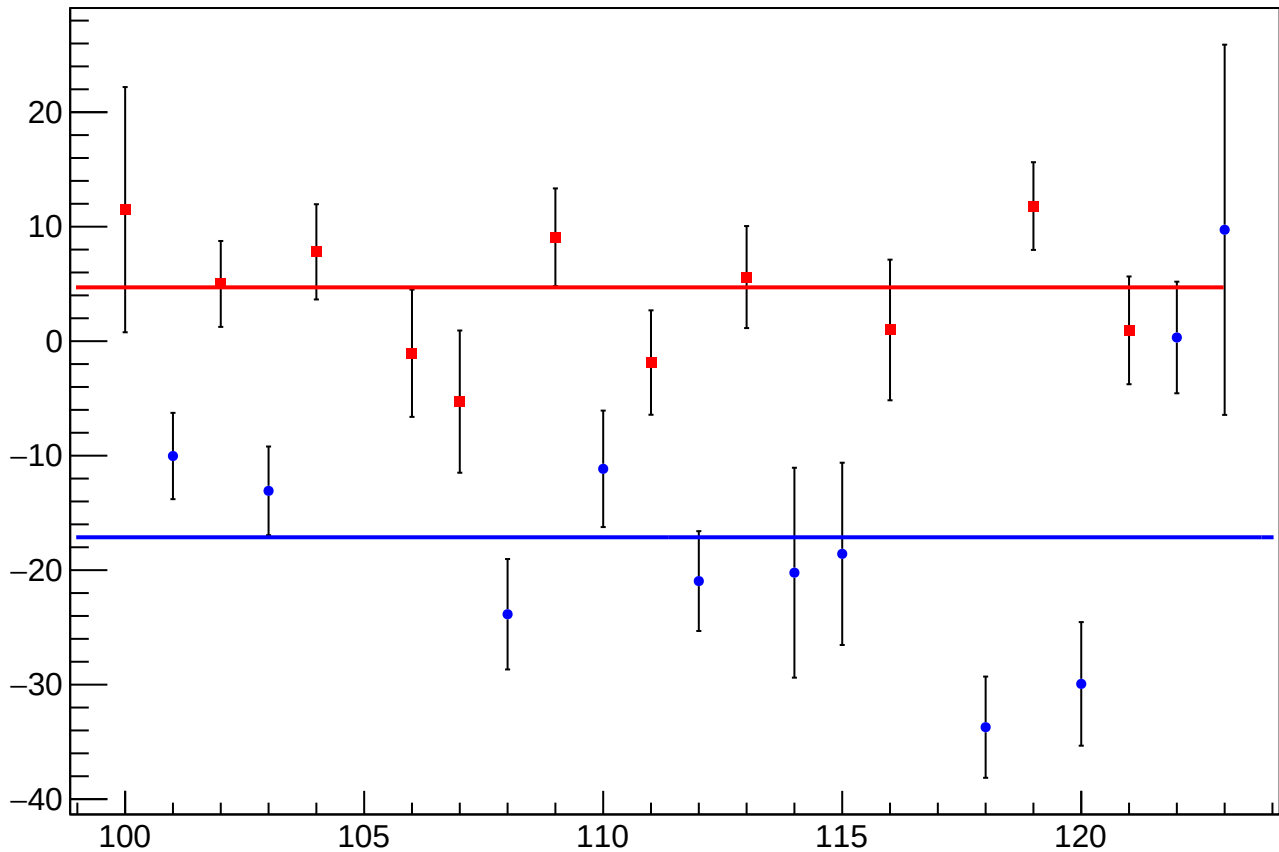
Right: 1804.220+/-0.432 χ^2/NDF : 109056.8/21

In: 1826.309+/-0.638 χ^2/NDF : 58353.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1804.220+/-0.432 χ^2/NDF : 109056.8/21

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.128 ± 1.524 $\chi^2/\text{NDF}: 44.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.701 ± 1.430 $\chi^2/\text{NDF}: 12.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

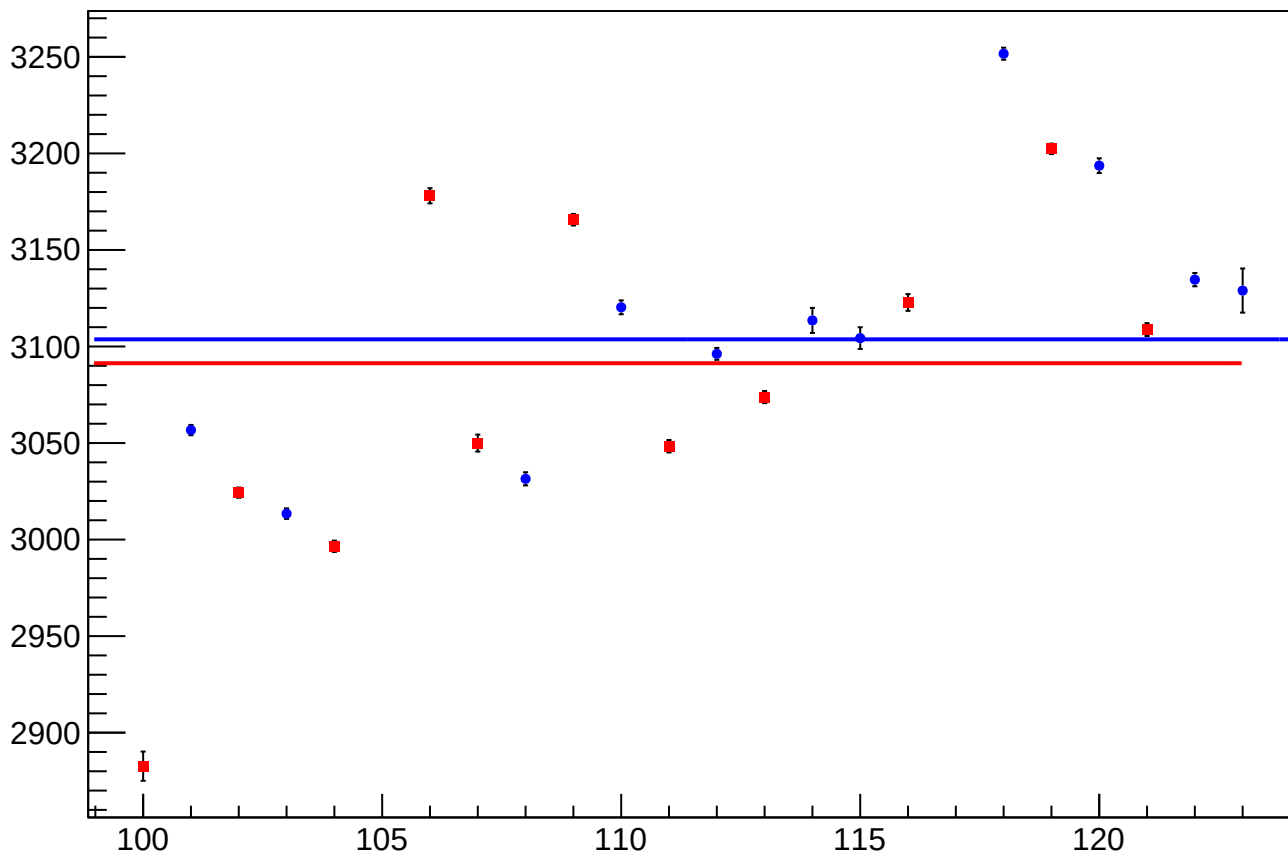
Right: -5.516 ± 1.043 $\chi^2/\text{NDF}: 165.5/21$

In: -17.128 ± 1.524 $\chi^2/\text{NDF}: 44.2/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.516 ± 1.043 $\chi^2/\text{NDF}: 165.5/21$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3103.705+/-1.078 χ^2/NDF : 4756.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3091.331+/-1.011 χ^2/NDF : 5589.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

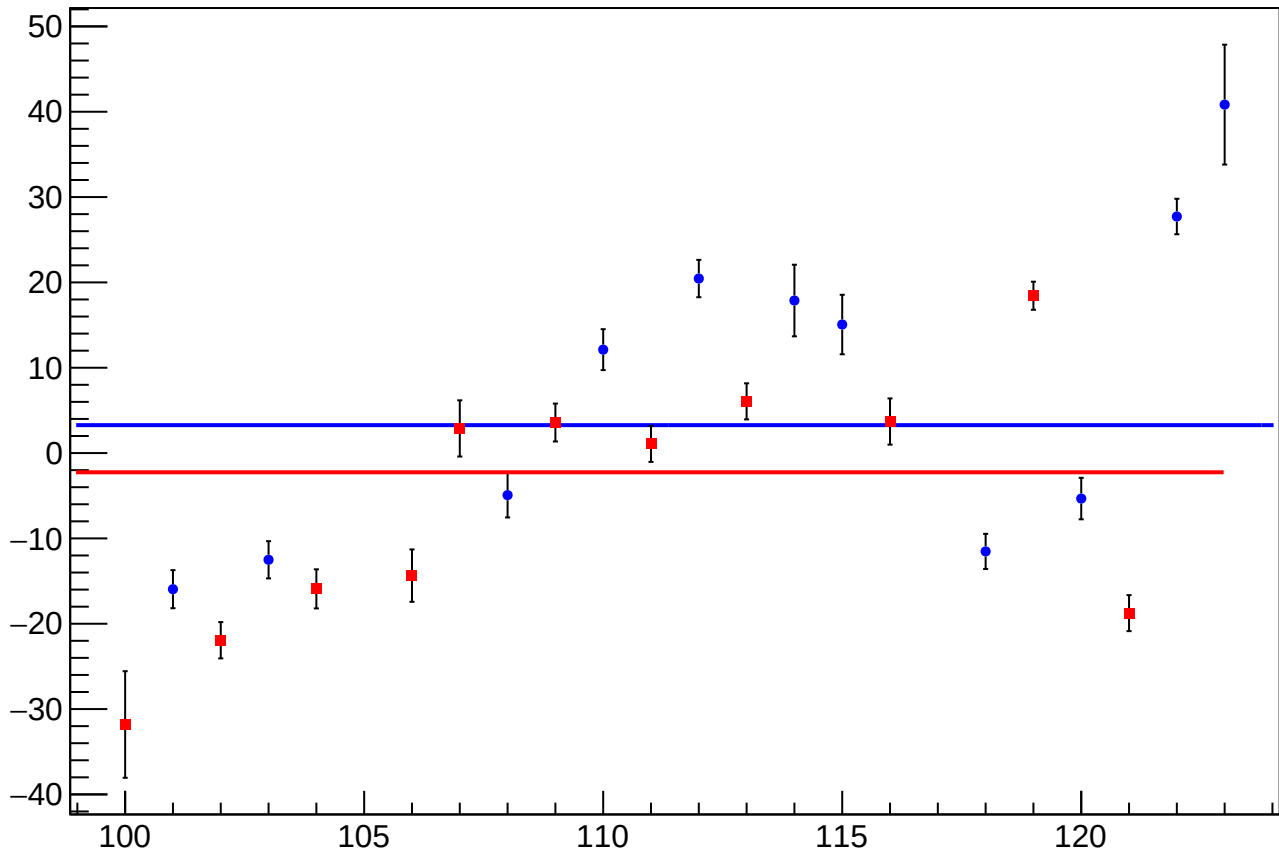
Right: 3097.123+/-0.737 χ^2/NDF : 10416.0/21

In: 3103.705+/-1.078 χ^2/NDF : 4756.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.123+/-0.737 χ^2/NDF : 10416.0/21

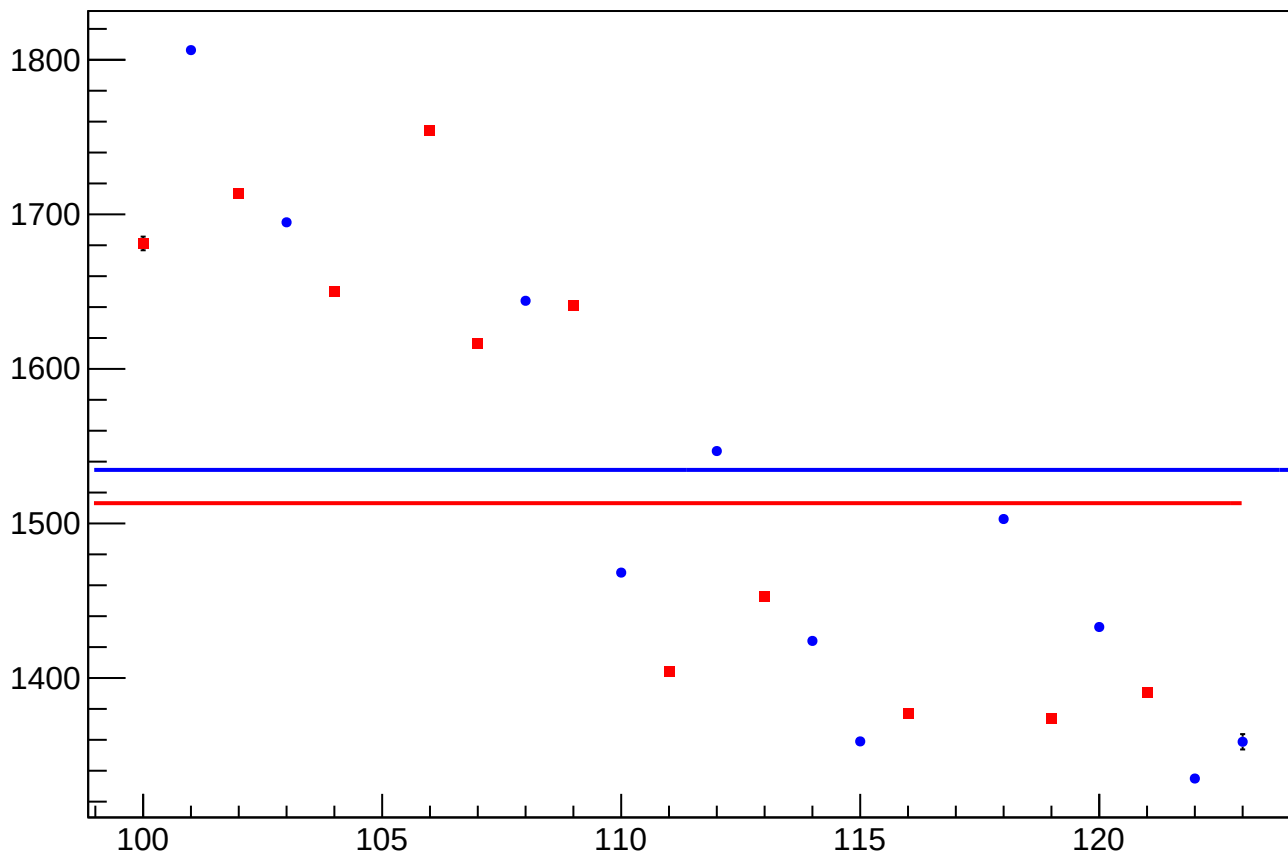
diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.273+/-0.759 χ^2/NDF : 466.1/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.251+/-0.704 χ^2/NDF : 410.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.304+/-0.516 χ^2/NDF : 904.8/21
 In: 3.273+/-0.759 χ^2/NDF : 466.1/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.304+/-0.516 χ^2/NDF : 904.8/21

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1534.653+/-0.537 χ^2/NDF : 75656.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1513.125+/-0.498 χ^2/NDF : 80396.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

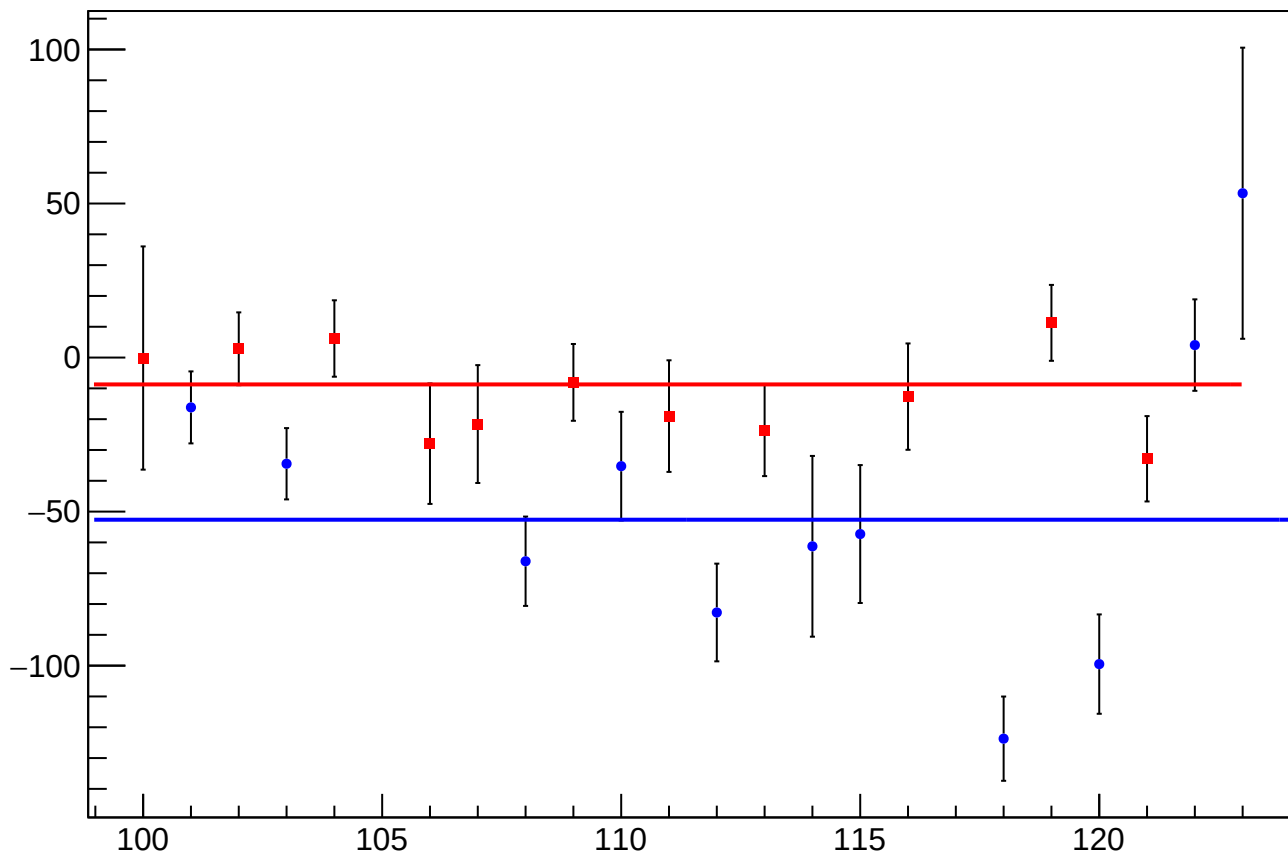
Right: 1523.081+/-0.365 χ^2/NDF : 156918.0/21

In: 1534.653+/-0.537 χ^2/NDF : 75656.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.081+/-0.365 χ^2/NDF : 156918.0/21

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -52.634+/-4.763 χ^2/NDF : 72.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.717+/-4.523 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

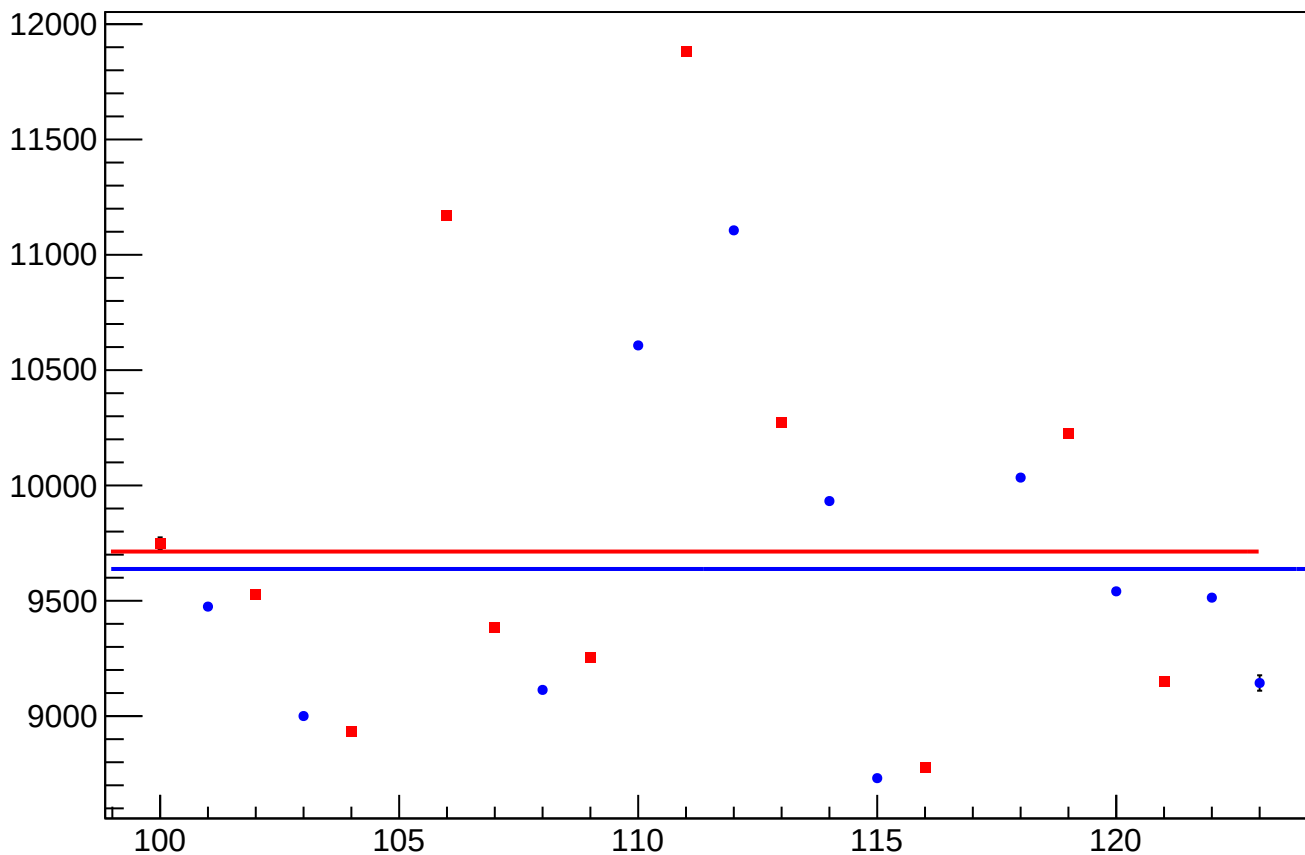
Right: -29.540+/-3.280 χ^2/NDF : 128.5/21

In: -52.634+/-4.763 χ^2/NDF : 72.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.540+/-3.280 χ^2/NDF : 128.5/21

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9637.870+/-3.368 χ^2/NDF : 37860.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9713.443+/-3.198 χ^2/NDF : 66903.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

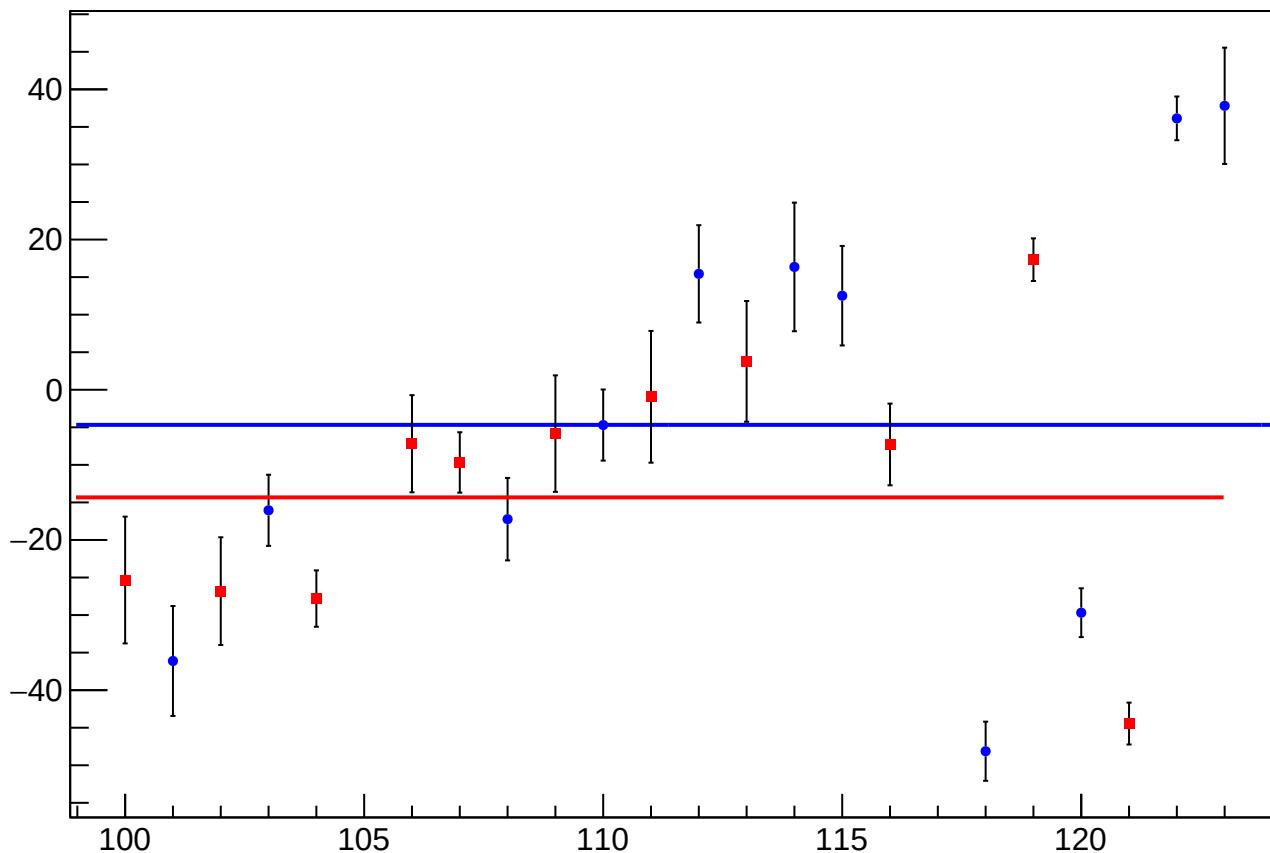
Right: 9677.611+/-2.319 χ^2/NDF : 105028.4/21

In: 9637.870+/-3.368 χ^2/NDF : 37860.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9677.611+/-2.319 χ^2/NDF : 105028.4/21

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.673+/-1.421 χ^2/NDF : 459.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.330+/-1.384 χ^2/NDF : 271.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

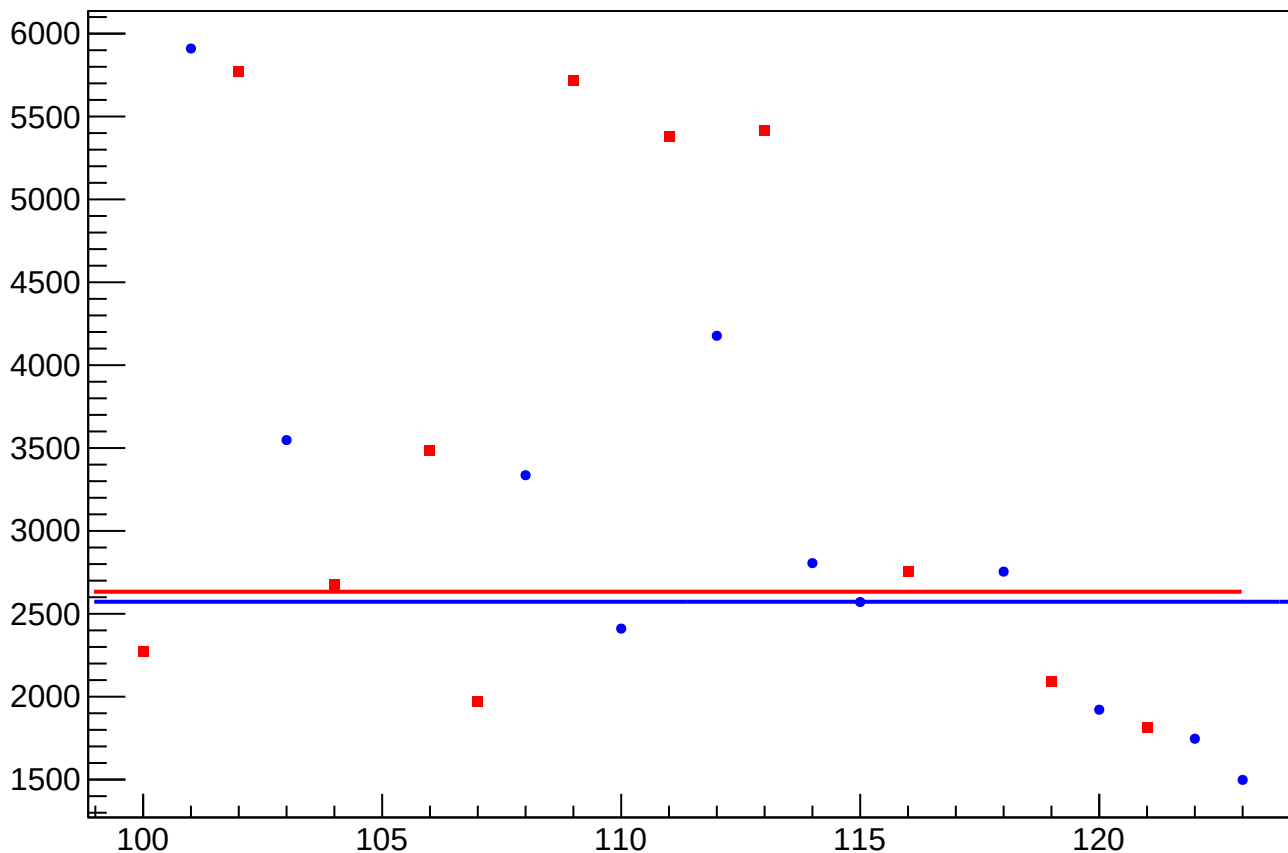
Right: -9.629+/-0.992 χ^2/NDF : 754.7/21

In: -4.673+/-1.421 χ^2/NDF : 459.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.629+/-0.992 χ^2/NDF : 754.7/21

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2572.687+/-1.005 χ^2/NDF : 949928.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2633.379+/-0.979 χ^2/NDF : 1473588.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

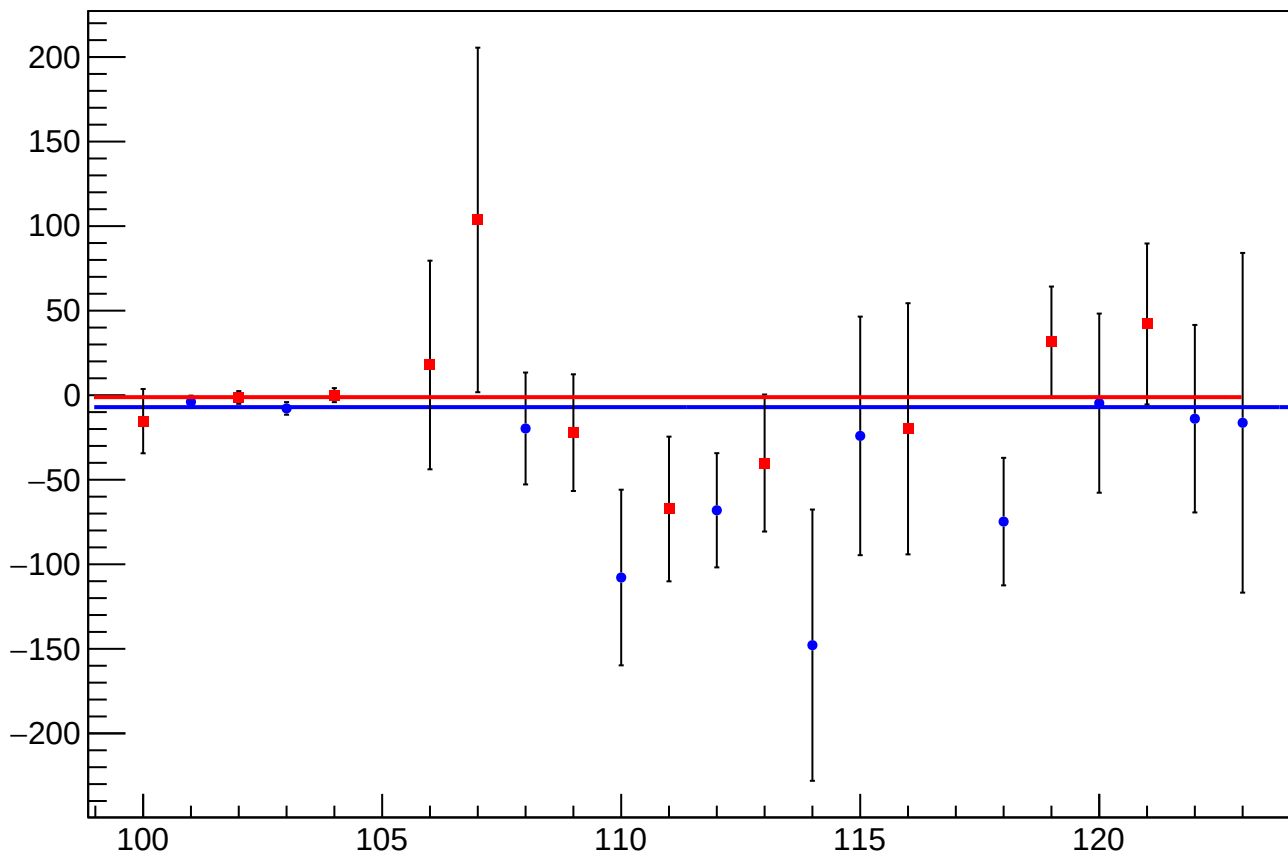
Right: 2603.835+/-0.701 χ^2/NDF : 2425388.0/21

In: 2572.687+/-1.005 χ^2/NDF : 949928.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2603.835+/-0.701 χ^2/NDF : 2425388.0/21

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.055 ± 2.580 $\chi^2/\text{NDF}: 14.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.149 ± 2.716 $\chi^2/\text{NDF}: 7.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

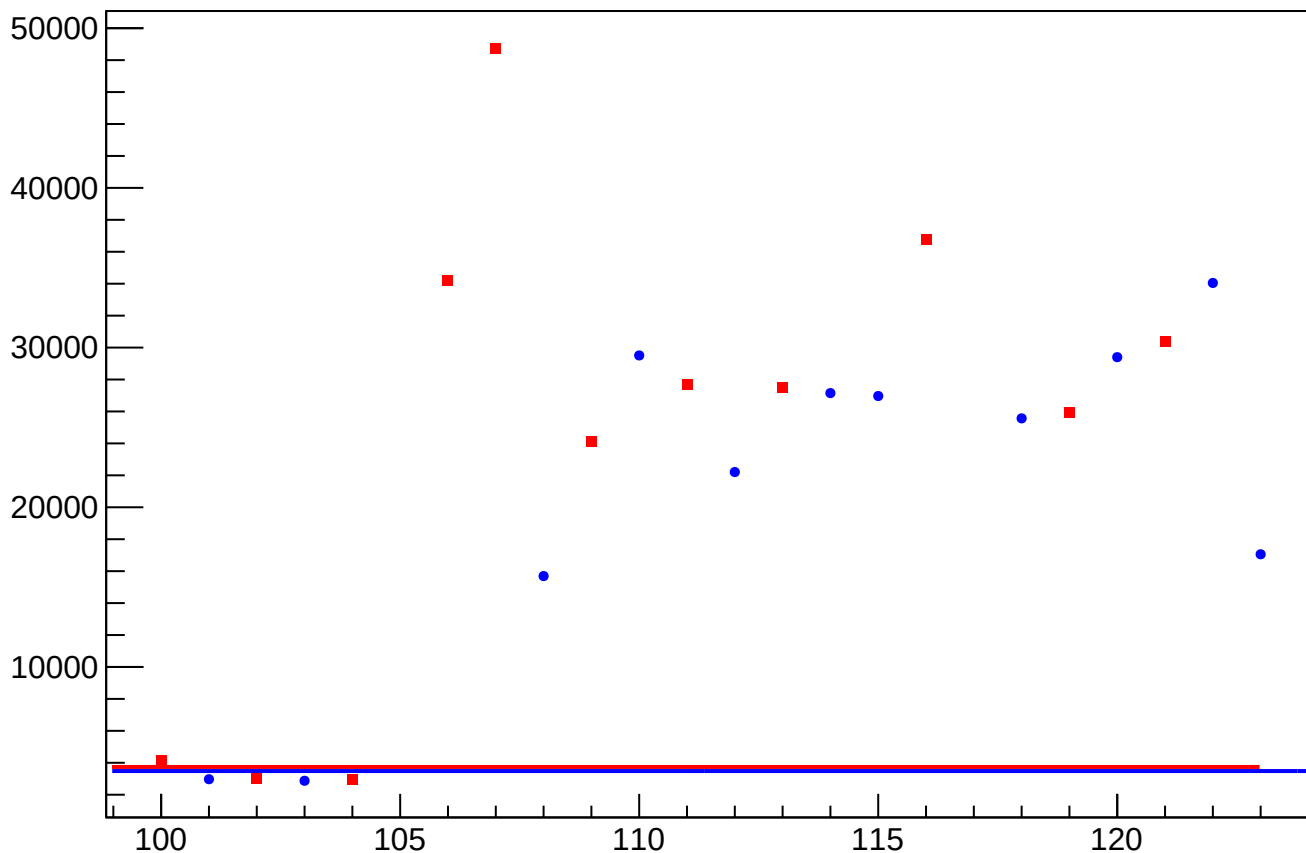
Right: -4.254 ± 1.871 $\chi^2/\text{NDF}: 24.2/21$

In: -7.055 ± 2.580 $\chi^2/\text{NDF}: 14.3/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.254 ± 1.871 $\chi^2/\text{NDF}: 24.2/21$

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3482.160+/-1.825 χ^2/NDF : 3686054.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3739.077+/-1.921 χ^2/NDF : 4971962.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

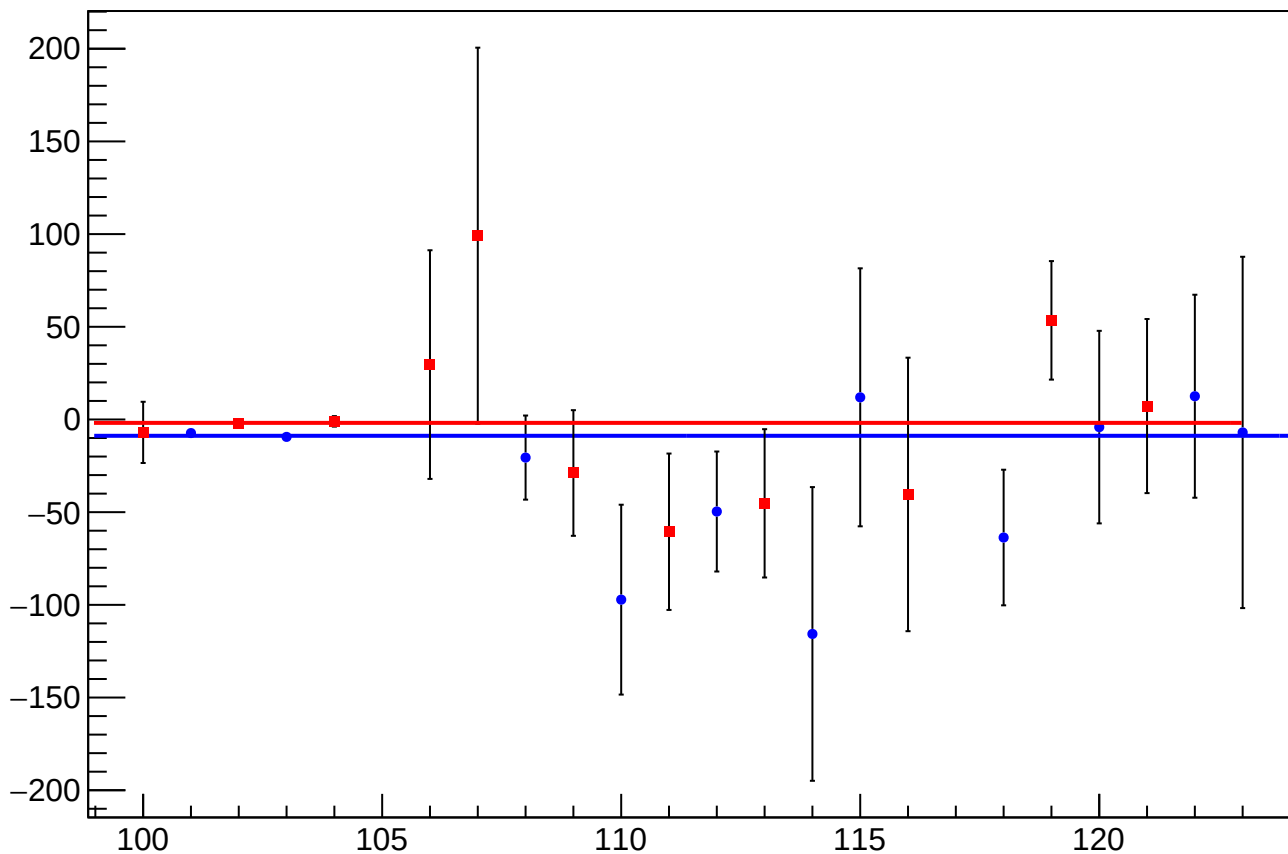
Right: 3604.035+/-1.323 χ^2/NDF : 8667422.3/21

In: 3482.160+/-1.825 χ^2/NDF : 3686054.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3604.035+/-1.323 χ^2/NDF : 8667422.3/21

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.803 ± 1.775 χ^2/NDF : 9.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.831 ± 1.877 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

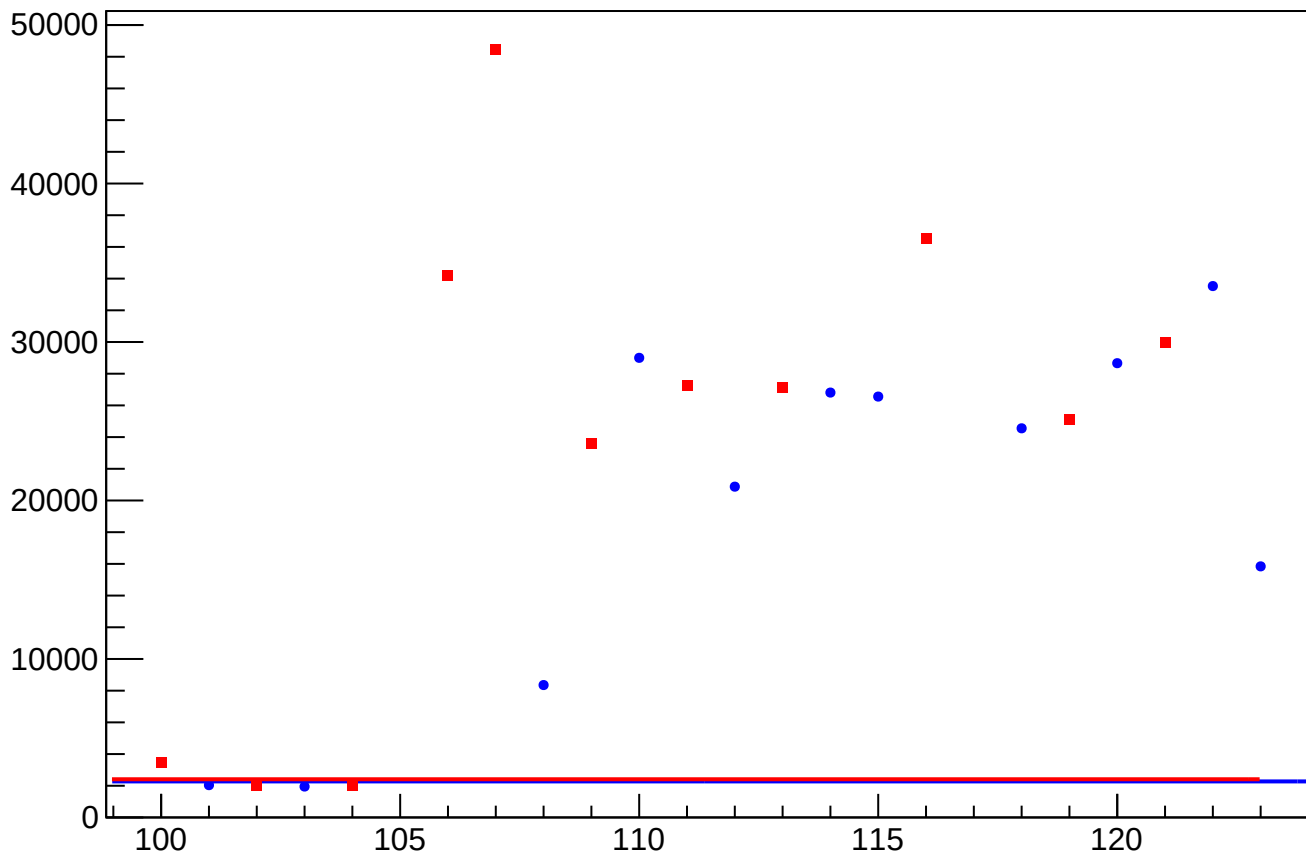
Right: -5.512 ± 1.290 χ^2/NDF : 25.4/21

In: -8.803 ± 1.775 χ^2/NDF : 9.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.512 ± 1.290 χ^2/NDF : 25.4/21

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2273.807+/-1.255 χ^2/NDF : 3785358.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2410.060+/-1.327 χ^2/NDF : 5393382.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

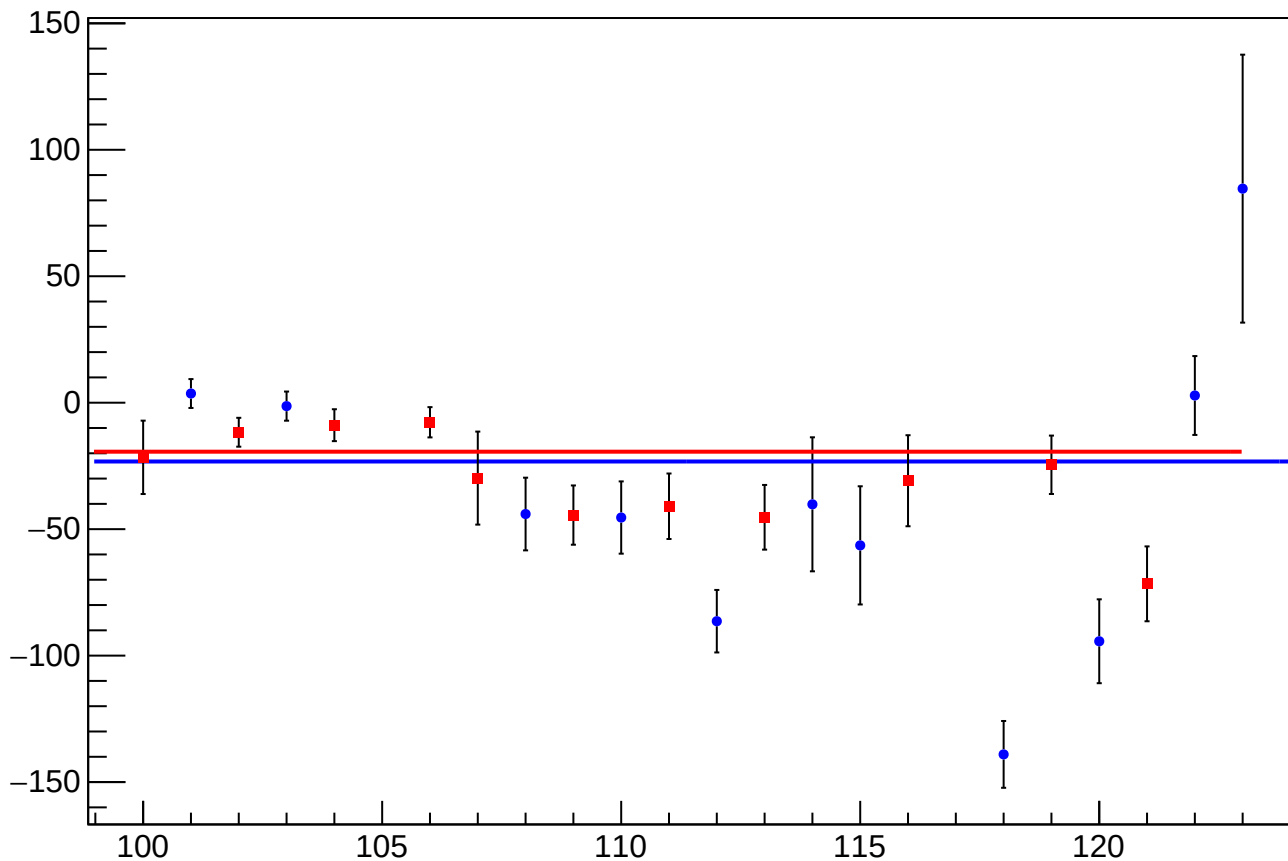
Right: 2338.123+/-0.912 χ^2/NDF : 9184305.9/21

In: 2273.807+/-1.255 χ^2/NDF : 3785358.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2338.123+/-0.912 χ^2/NDF : 9184305.9/21

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -23.243+/-3.258 χ^2/NDF : 171.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.368+/-2.817 χ^2/NDF : 33.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

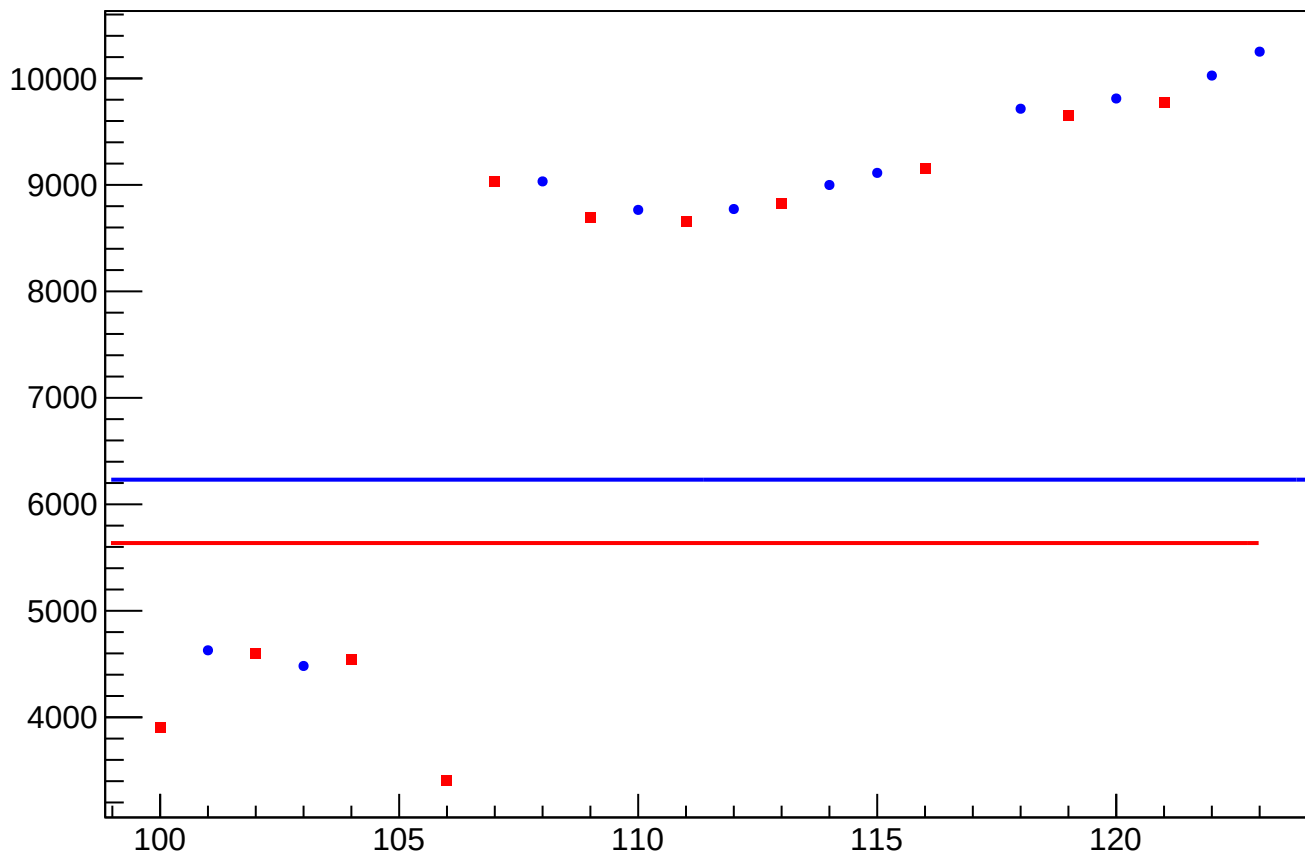
Right: -21.026+/-2.131 χ^2/NDF : 205.9/21

In: -23.243+/-3.258 χ^2/NDF : 171.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.026+/-2.131 χ^2/NDF : 205.9/21

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6231.563+/-2.304 χ^2/NDF : 980168.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5636.373+/-1.992 χ^2/NDF : 1344155.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

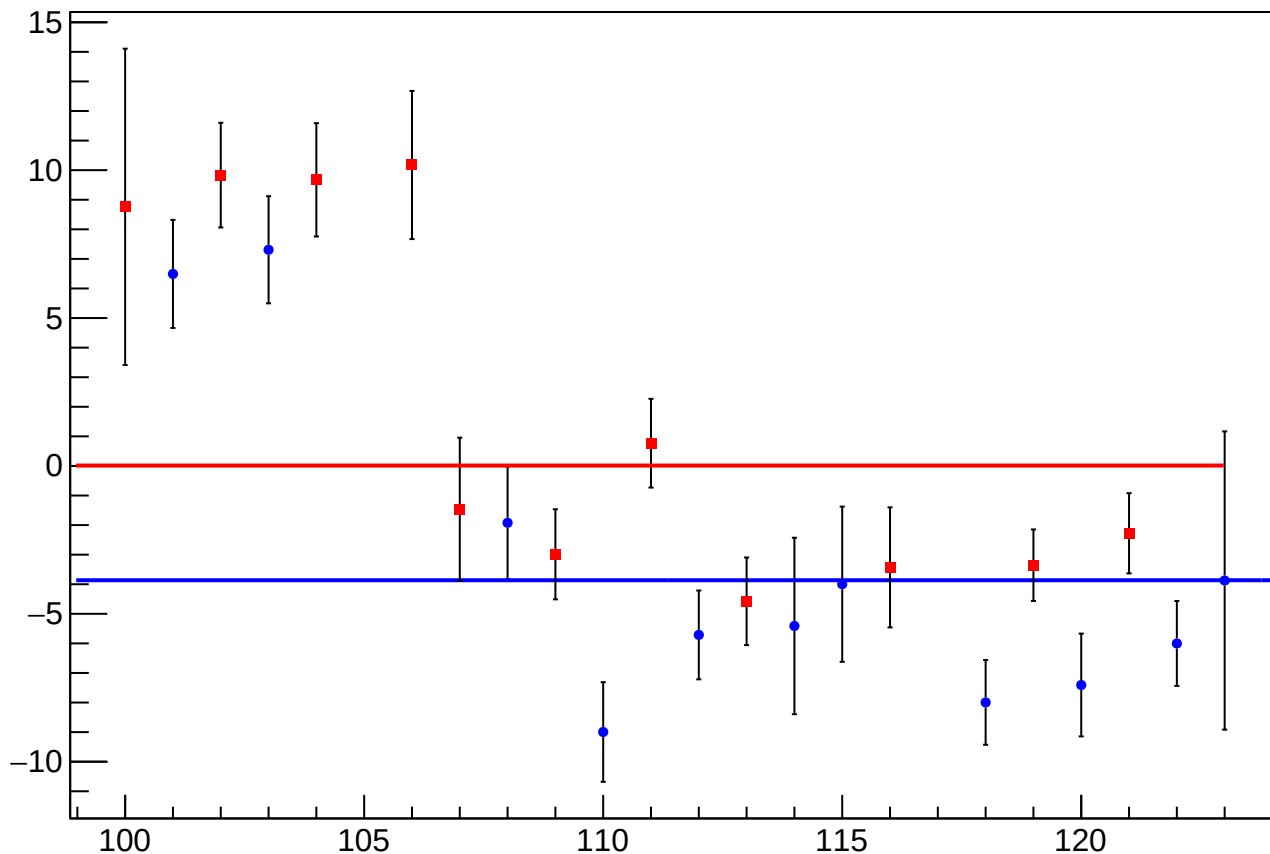
Right: 5890.994+/-1.507 χ^2/NDF : 2362512.6/21

In: 6231.563+/-2.304 χ^2/NDF : 980168.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5890.994+/-1.507 χ^2/NDF : 2362512.6/21

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.865 ± 0.553 χ^2/NDF : 97.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.516 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

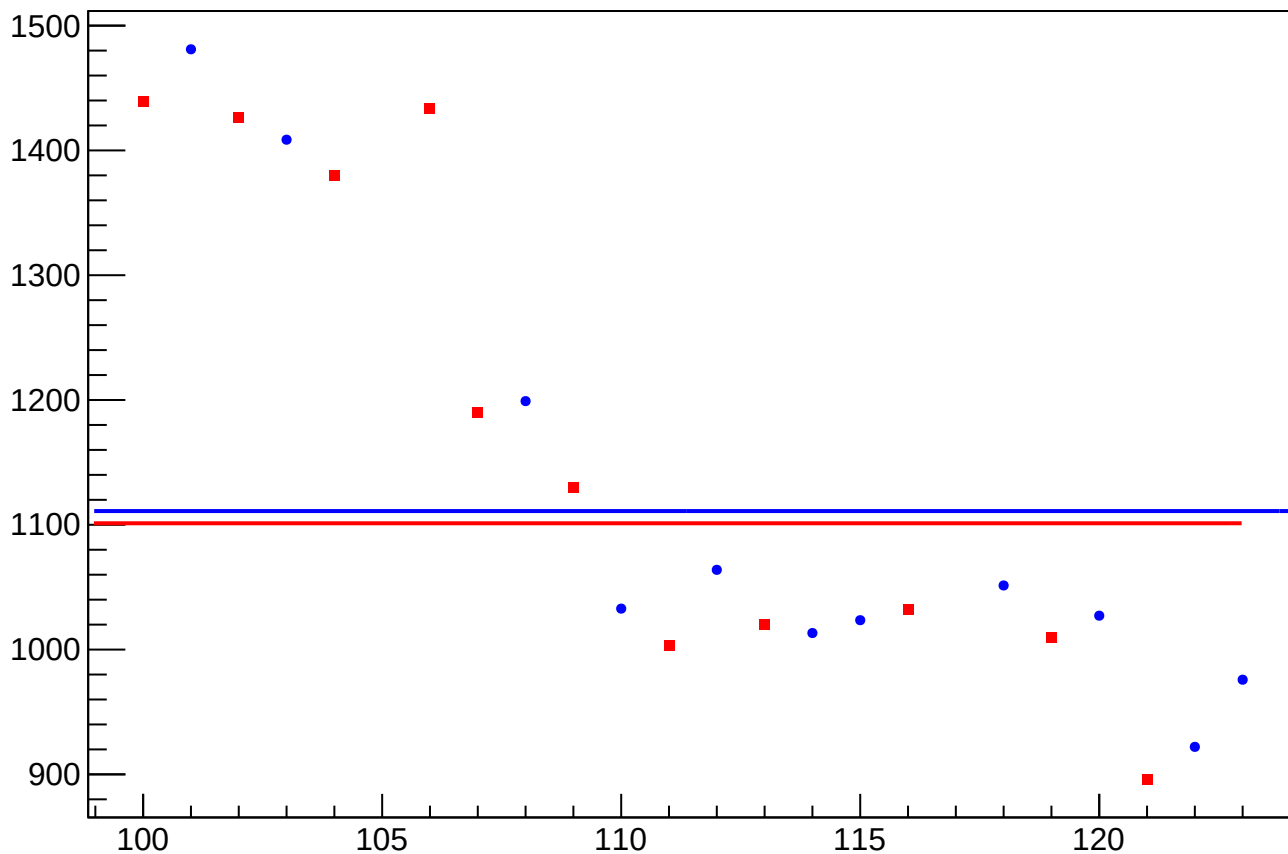
Right: -1.792 ± 0.377 χ^2/NDF : 226.3/21

In: -3.865 ± 0.553 χ^2/NDF : 97.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.792 ± 0.377 χ^2/NDF : 226.3/21

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1111.003+/-0.391 χ^2/NDF : 195100.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1101.219+/-0.365 χ^2/NDF : 230900.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

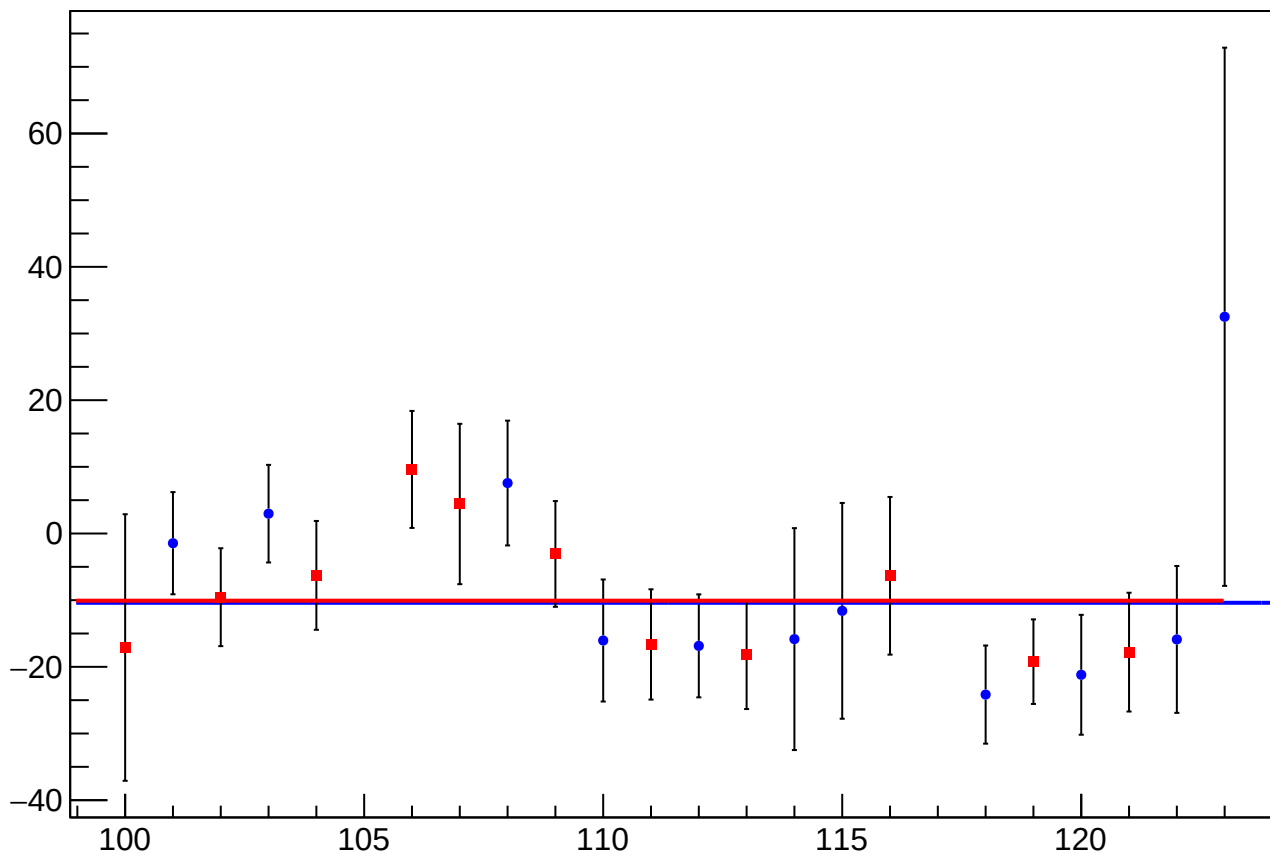
Right: 1105.774+/-0.267 χ^2/NDF : 426336.5/21

In: 1111.003+/-0.391 χ^2/NDF : 195100.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.774+/-0.267 χ^2/NDF : 426336.5/21

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.392 $\pm$ 2.852 χ^2 /NDF: 15.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.076 $\pm$ 2.615 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

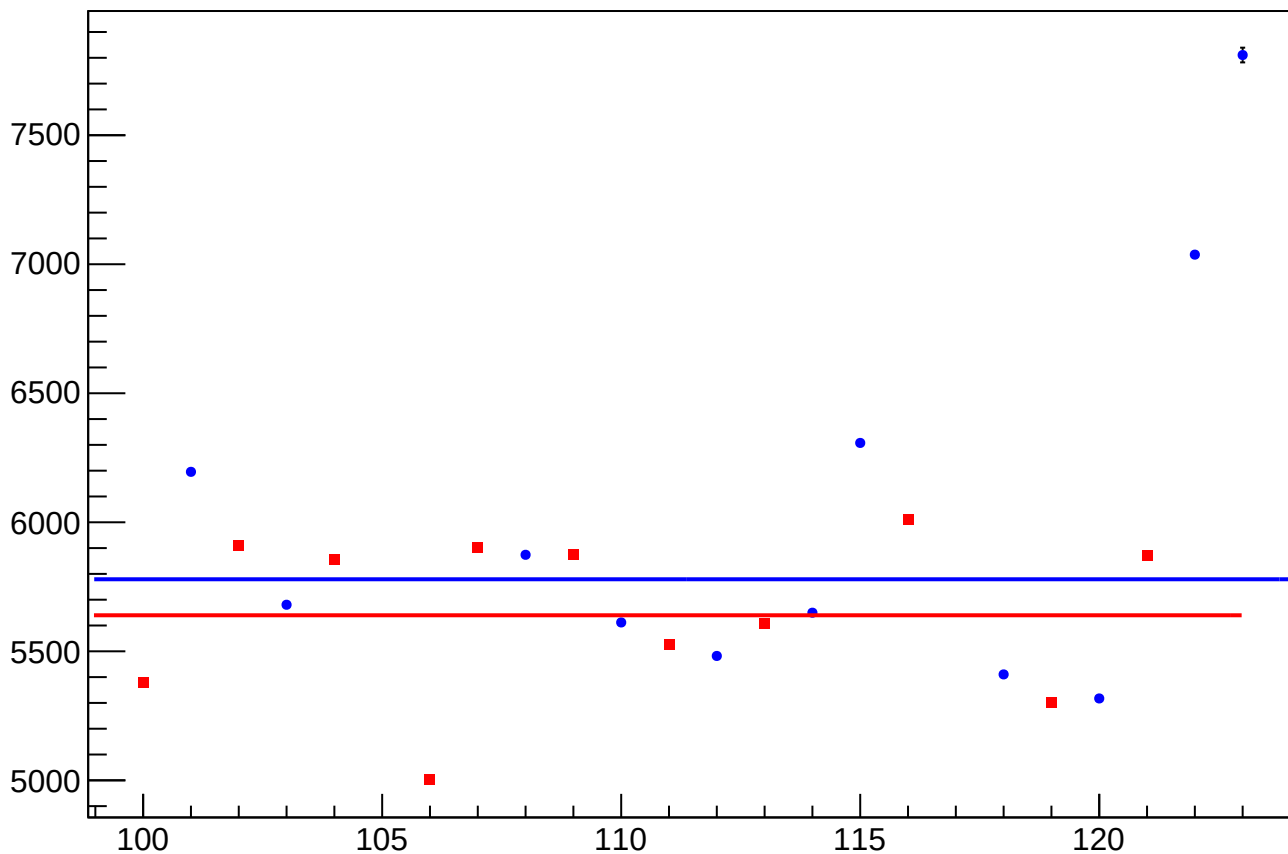
Right: -10.220 $\pm$ 1.928 χ^2 /NDF: 28.1/21

In: -10.392 $\pm$ 2.852 χ^2 /NDF:15.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.220 $\pm$ 1.928 χ^2 /NDF: 28.1/21

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5779.158+/-2.017 χ^2/NDF : 53791.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5639.631+/-1.849 χ^2/NDF : 27052.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

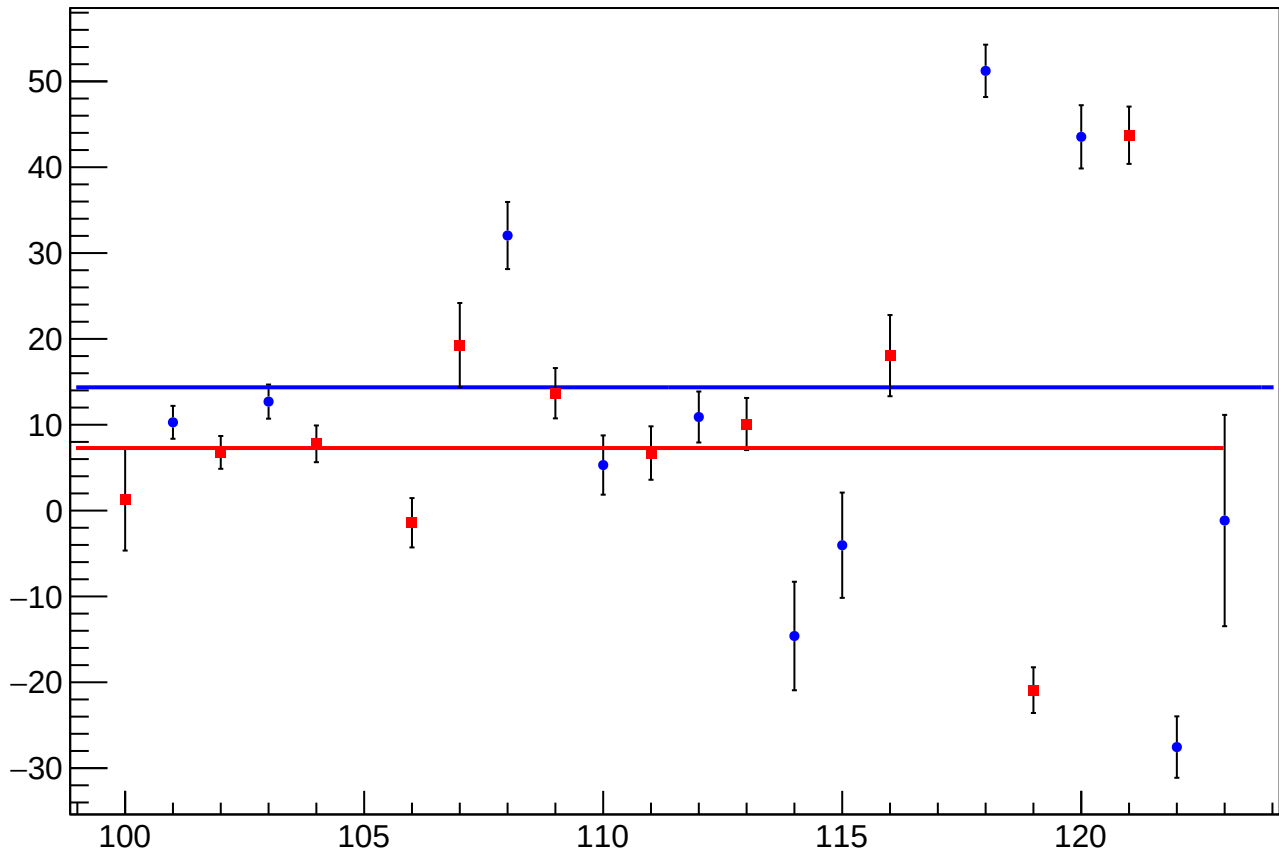
Right: 5703.359+/-1.363 χ^2/NDF : 83443.7/21

In: 5779.158+/-2.017 χ^2/NDF : 53791.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5703.359+/-1.363 χ^2/NDF : 83443.7/21

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 14.360+/-0.951 χ^2/NDF : 411.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.288+/-0.881 χ^2/NDF : 258.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

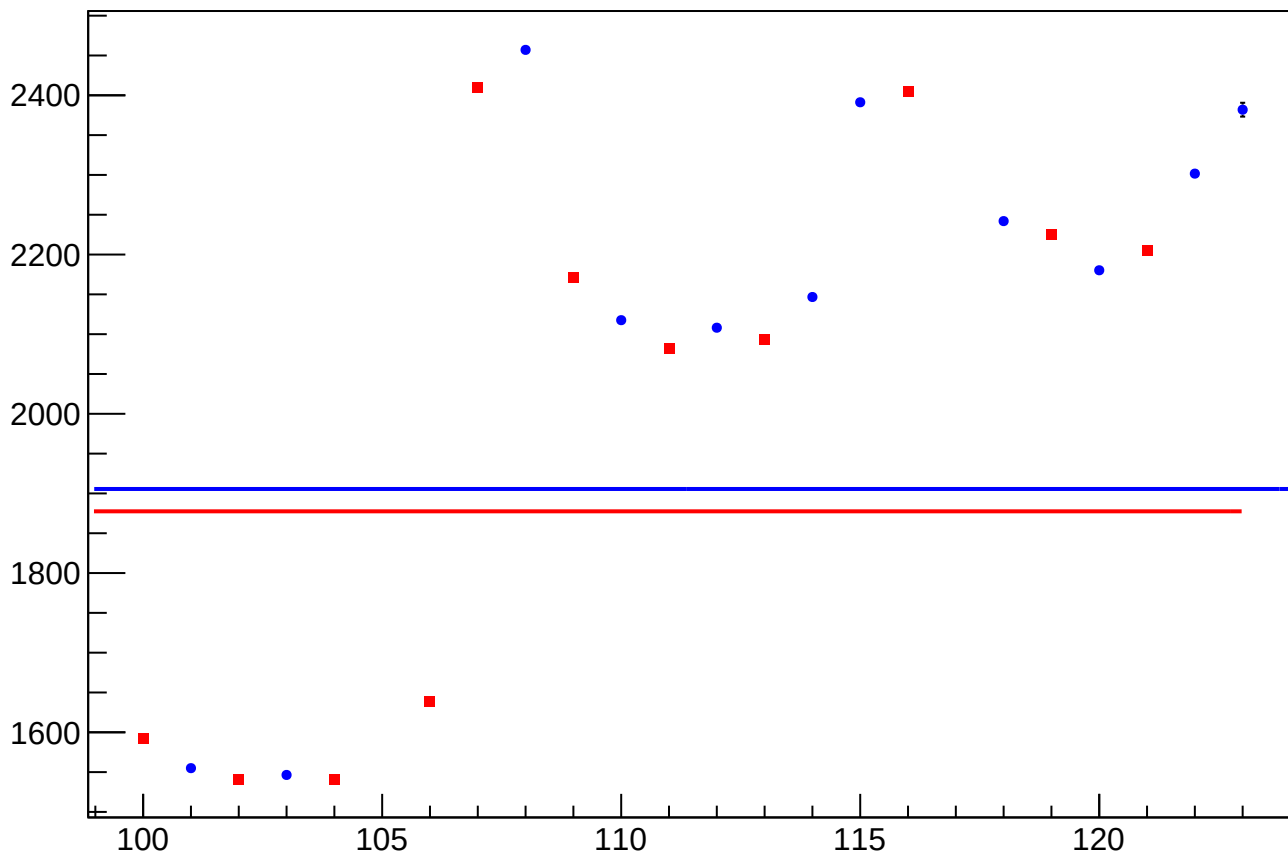
Right: 10.555+/-0.647 χ^2/NDF : 699.5/21

In: 14.360+/-0.951 χ^2/NDF : 411.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.555+/-0.647 χ^2/NDF : 699.5/21

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1905.581+/-0.673 χ^2/NDF : 267197.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.519+/-0.623 χ^2/NDF : 270729.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

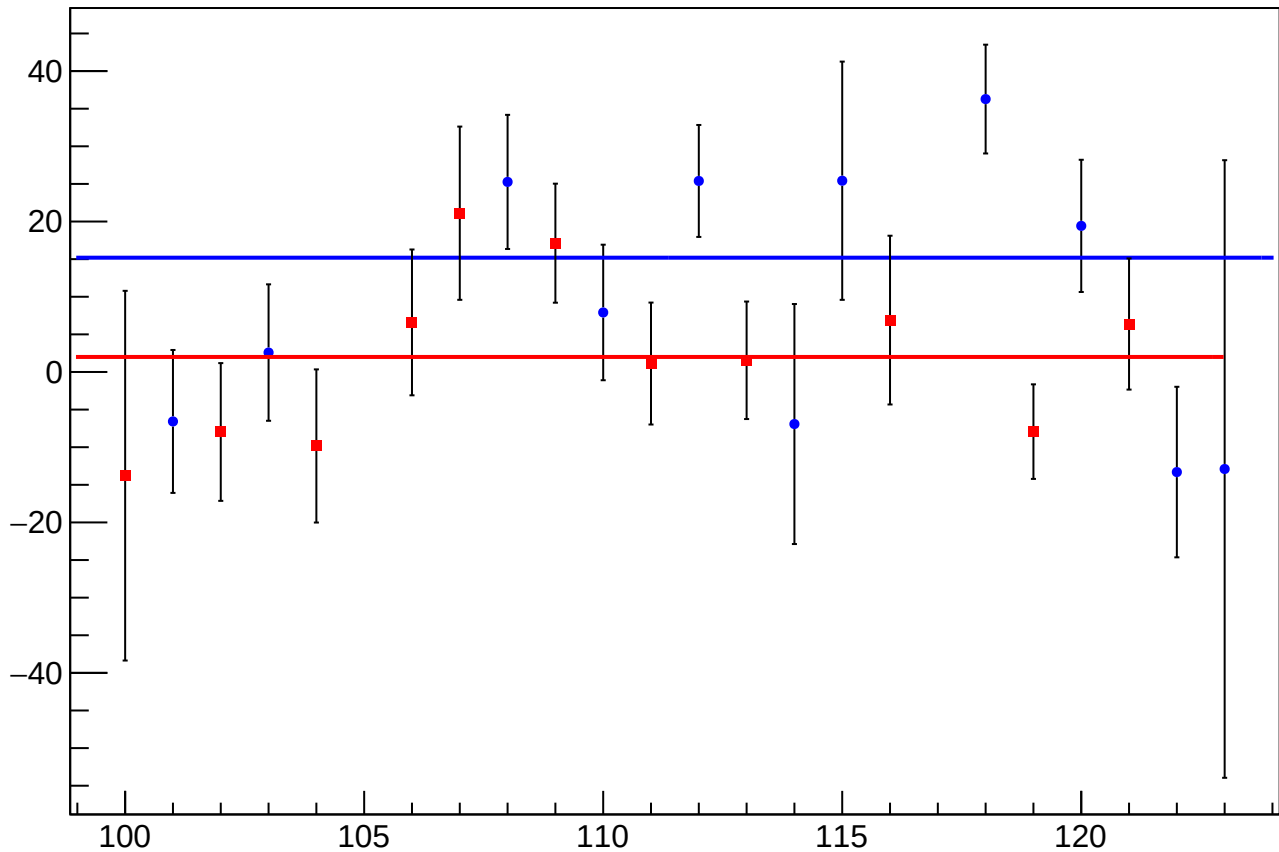
Right: 1890.484+/-0.457 χ^2/NDF : 538863.5/21

In: 1905.581+/-0.673 χ^2/NDF : 267197.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.484+/-0.457 χ^2/NDF : 538863.5/21

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.194+/-2.954 χ^2/NDF : 28.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.998+/-2.717 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

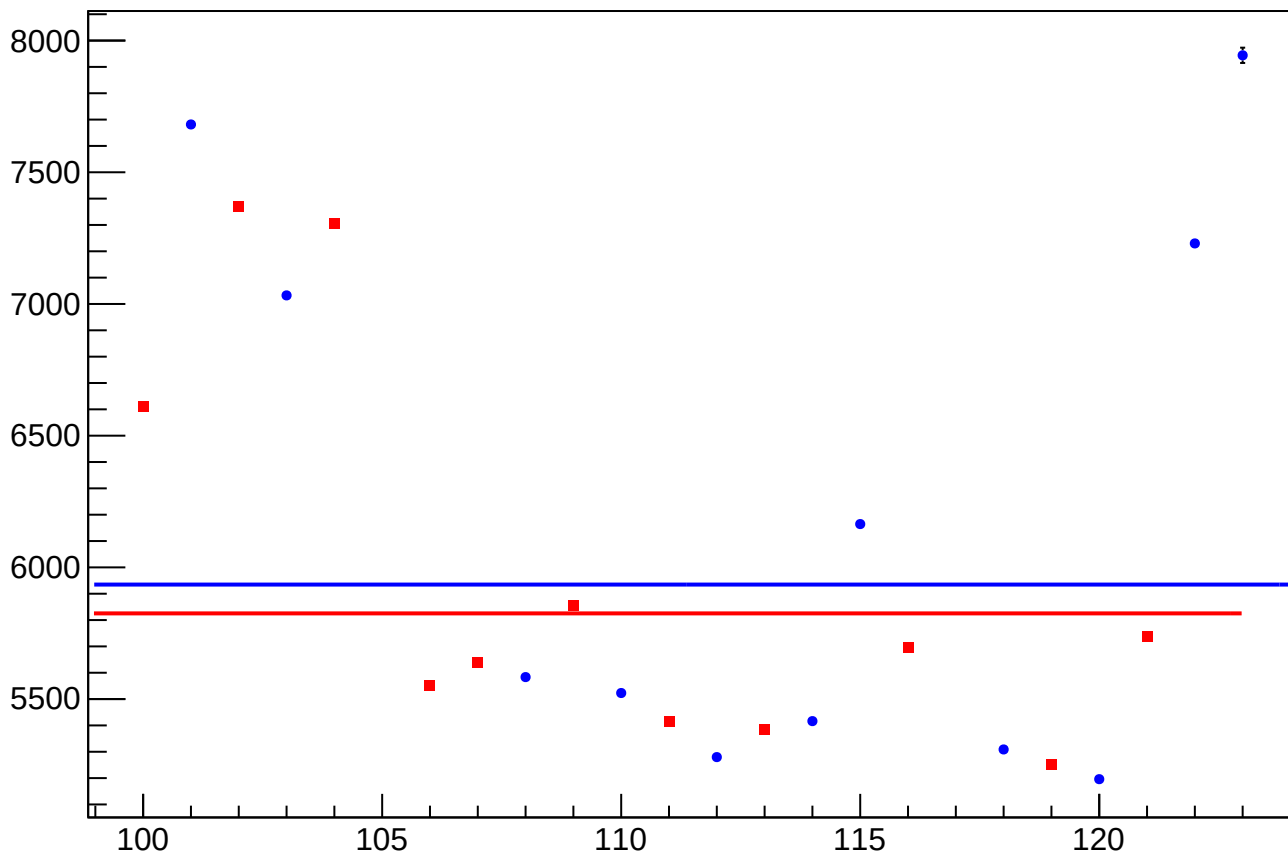
Right: 8.045+/-2.000 χ^2/NDF : 52.2/21

In: 15.194+/-2.954 χ^2/NDF : 28.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.045+/-2.000 χ^2/NDF : 52.2/21

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 5934.731+/-2.089 χ^2/NDF : 182245.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5825.328+/-1.922 χ^2/NDF : 131992.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

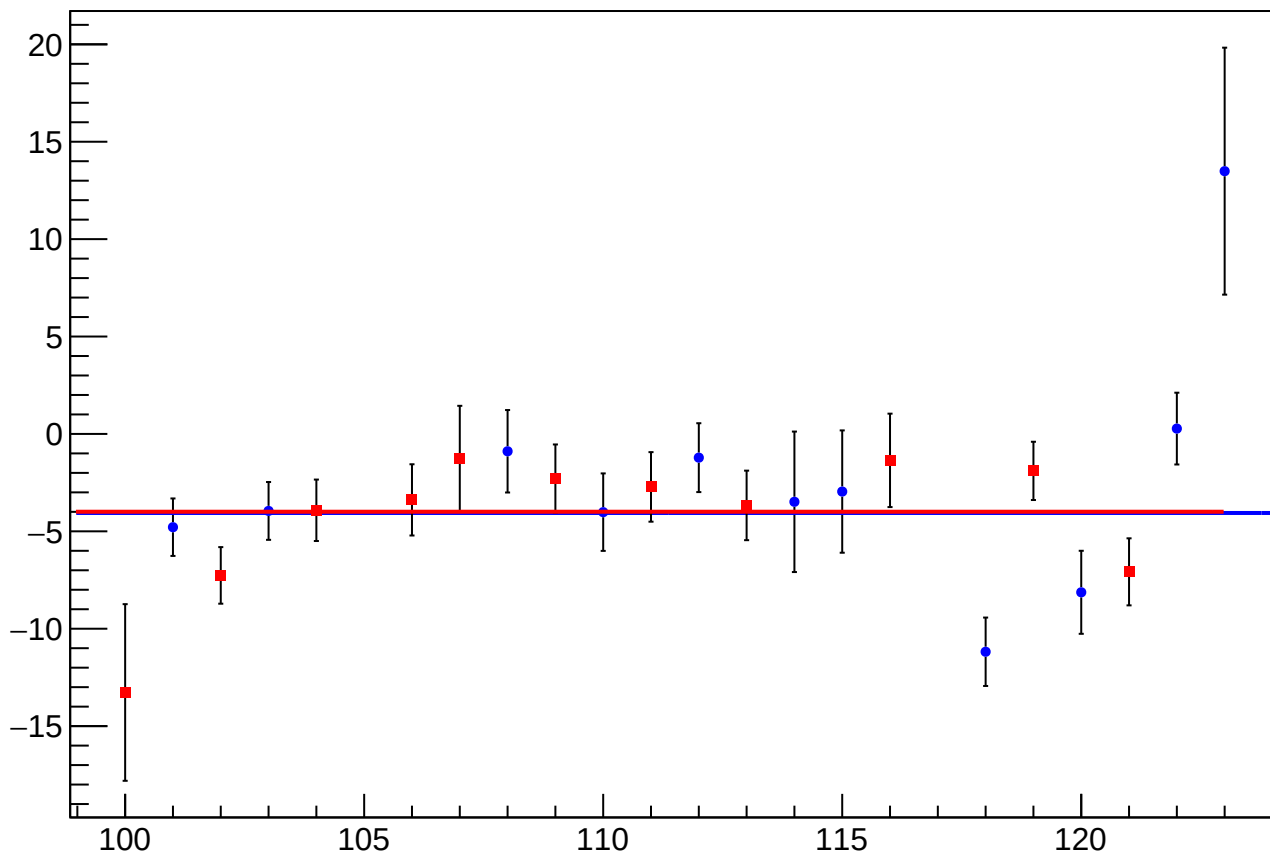
Right: 5875.465+/-1.414 χ^2/NDF : 315723.8/21

In: 5934.731+/-2.089 χ^2/NDF : 182245.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5875.465+/-1.414 χ^2/NDF : 315723.8/21

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.058+/-0.603 χ^2/NDF : 38.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.994+/-0.553 χ^2/NDF : 18.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

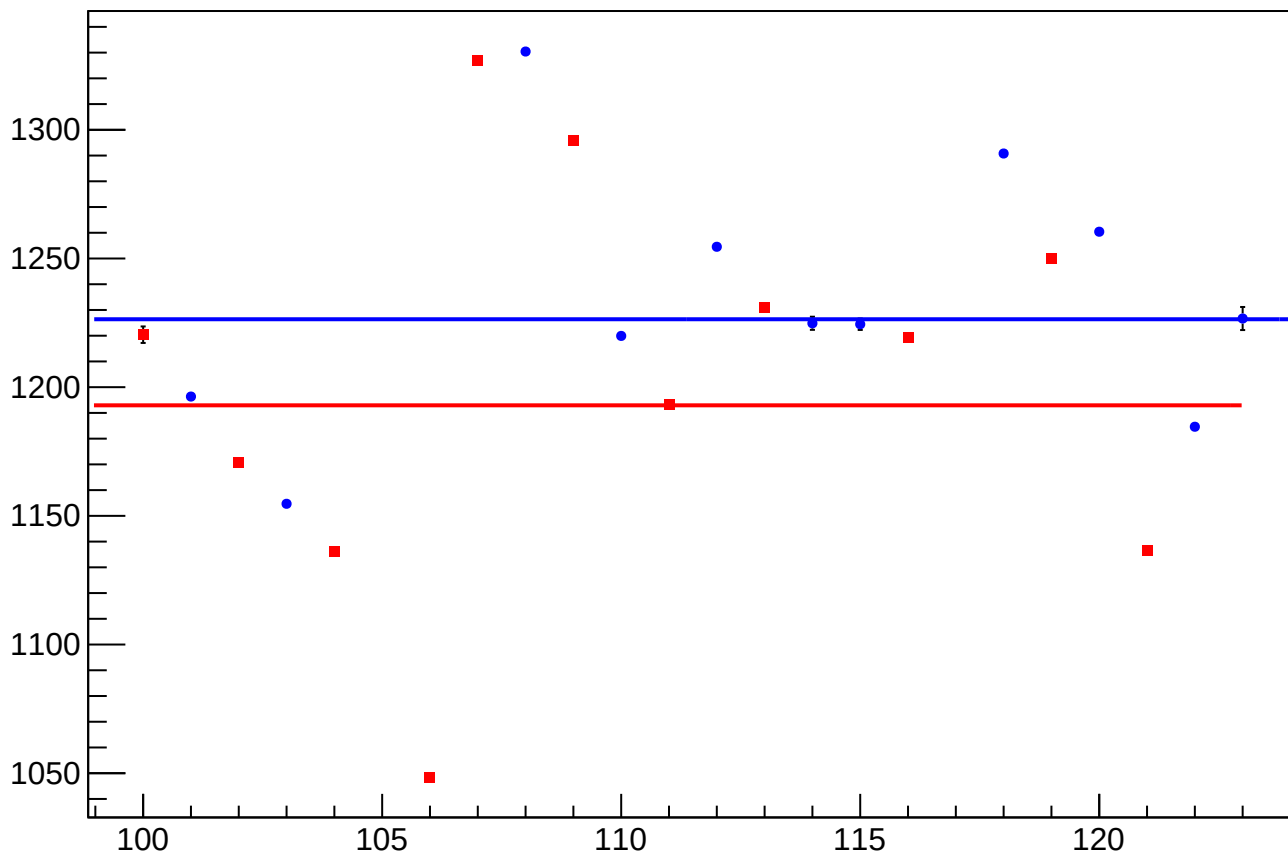
Right: -4.023+/-0.407 χ^2/NDF : 56.8/21

In: -4.058+/-0.603 χ^2/NDF : 38.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.023+/-0.407 χ^2/NDF : 56.8/21

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1226.395+/-0.426 χ^2/NDF : 15086.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.950+/-0.391 χ^2/NDF : 33703.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

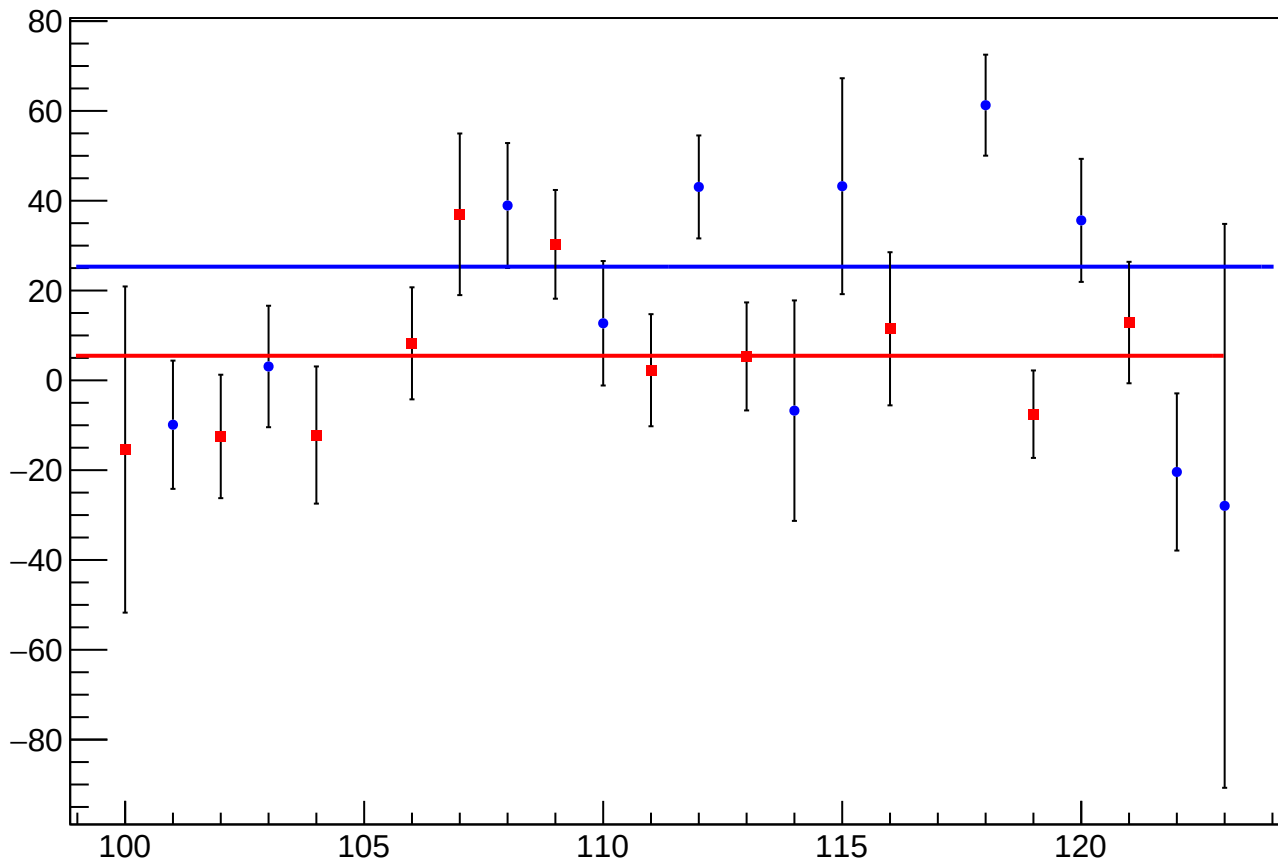
Right: 1208.220+/-0.288 χ^2/NDF : 52135.8/21

In: 1226.395+/-0.426 χ^2/NDF : 15086.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.220+/-0.288 χ^2/NDF : 52135.8/21

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.315+/-4.541 χ^2/NDF : 33.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.475+/-4.101 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

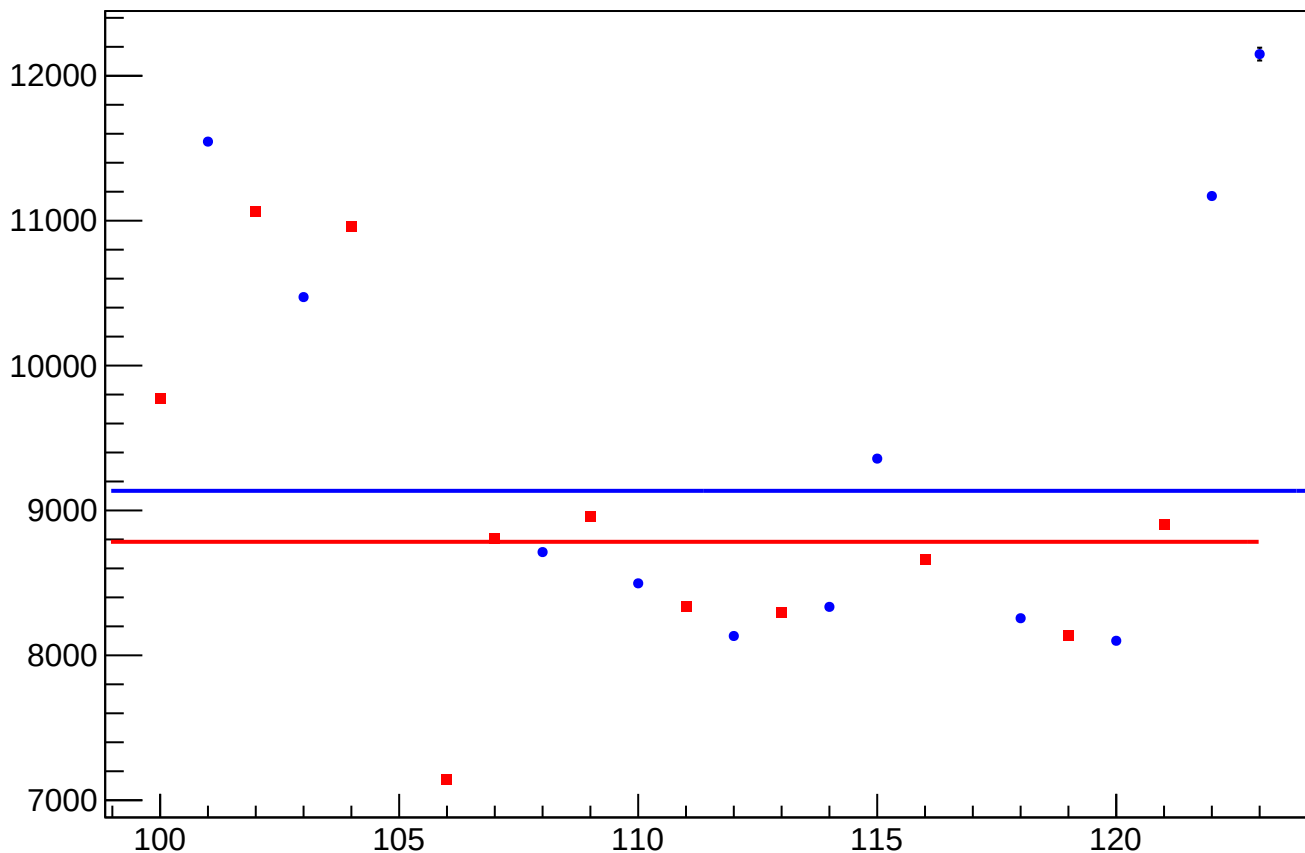
Right: 14.387+/-3.043 χ^2/NDF : 57.0/21

In: 25.315+/-4.541 χ^2/NDF : 33.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.387+/-3.043 χ^2/NDF : 57.0/21

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9135.450+/-3.211 χ^2/NDF : 155495.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8783.615+/-2.900 χ^2/NDF : 147070.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

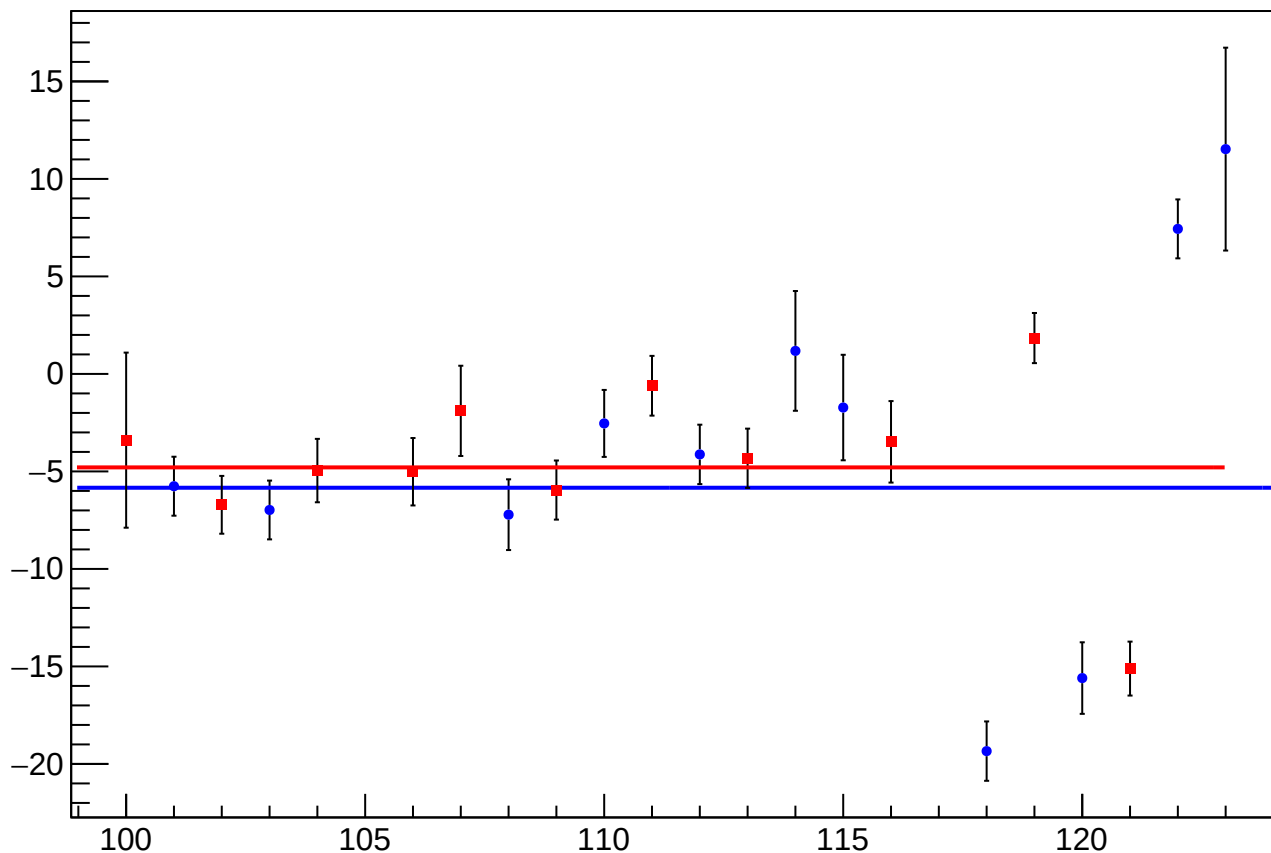
Right: 8941.657+/-2.152 χ^2/NDF : 309178.9/21

In: 9135.450+/-3.211 χ^2/NDF : 155495.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8941.657+/-2.152 χ^2/NDF : 309178.9/21

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.837+/-0.543 χ^2/NDF : 209.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.793+/-0.497 χ^2/NDF : 94.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

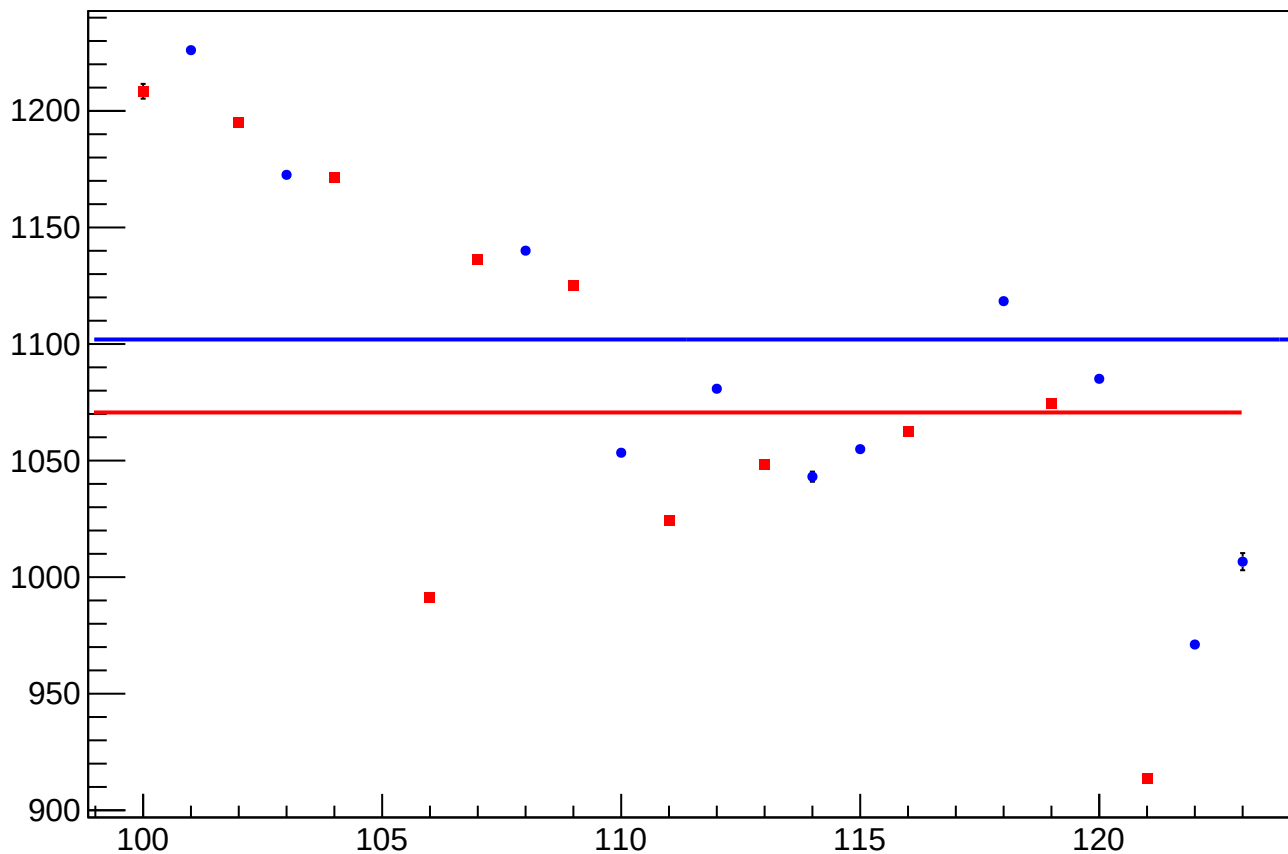
Right: -5.269+/-0.366 χ^2/NDF : 305.1/21

In: -5.837+/-0.543 χ^2/NDF : 209.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.269+/-0.366 χ^2/NDF : 305.1/21

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1101.948 $\pm$ 0.384 χ^2 /NDF: 38143.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1070.645 $\pm$ 0.351 χ^2 /NDF: 60176.8/10

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

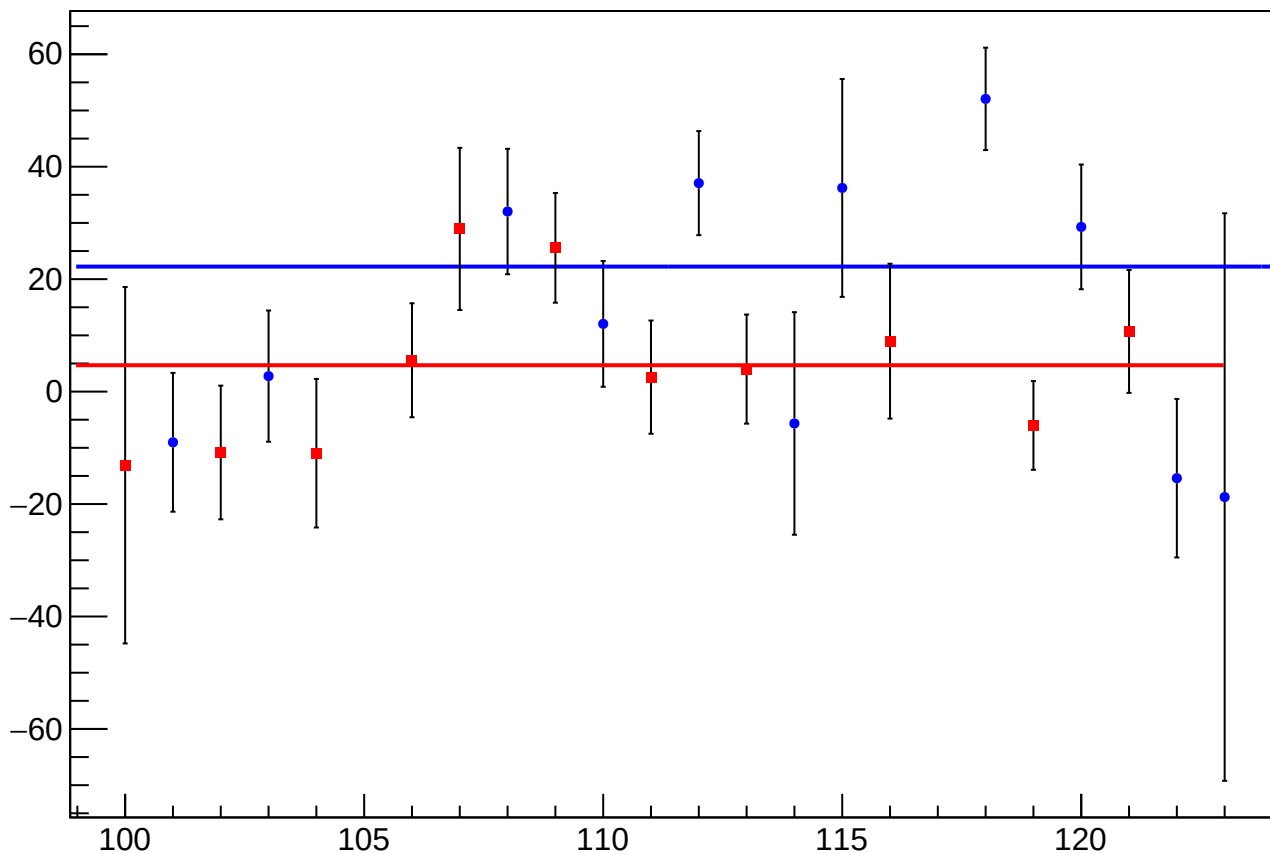
Right: 1084.917 $\pm$ 0.259 χ^2 /NDF: 101943.0/21

In: 1101.948 $\pm$ 0.384 χ^2 /NDF:38143.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1084.917 $\pm$ 0.259 χ^2 /NDF: 101943.0/21

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.235+/-3.715 χ^2/NDF : 34.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.690+/-3.351 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

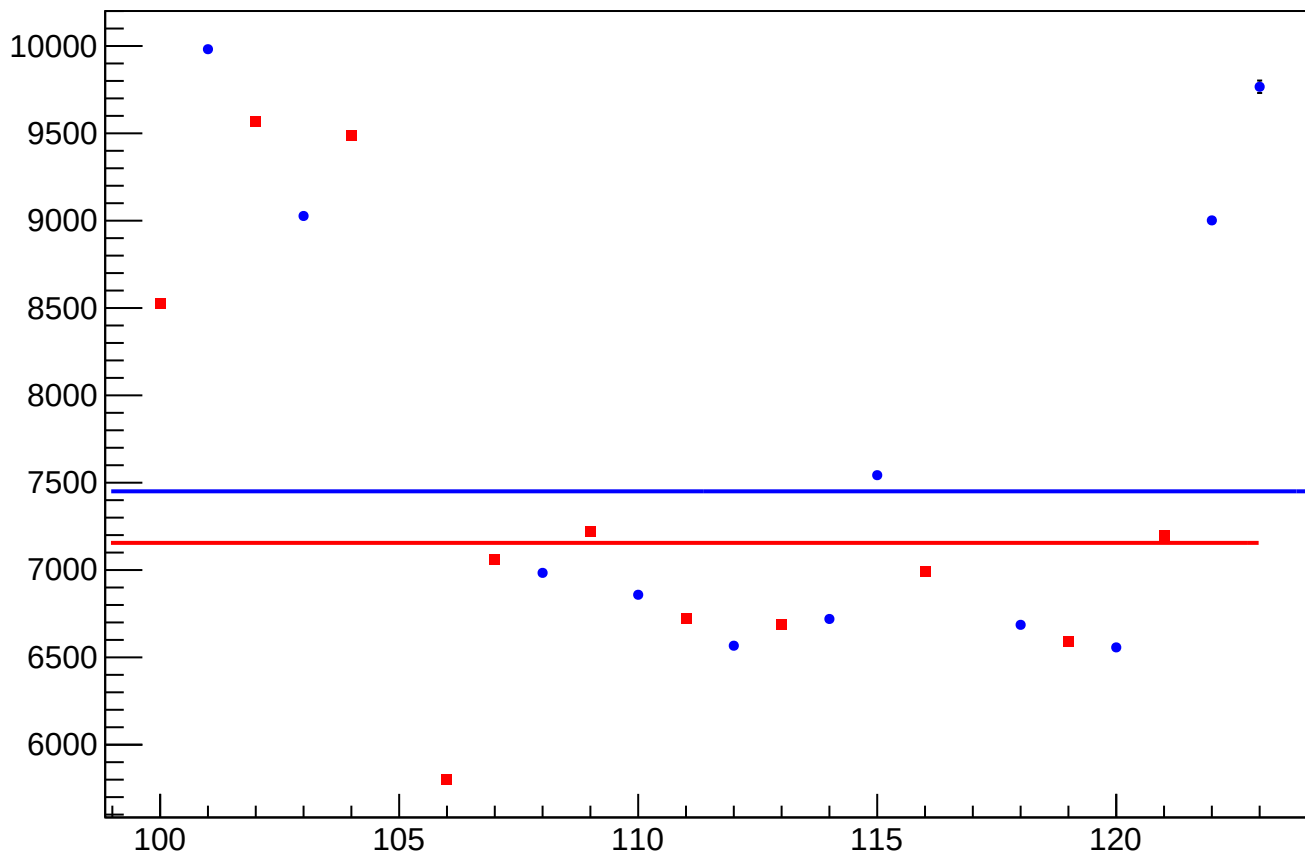
Right: 12.560+/-2.488 χ^2/NDF : 60.2/21

In: 22.235+/-3.715 χ^2/NDF : 34.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.560+/-2.488 χ^2/NDF : 60.2/21

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7450.641+/-2.627 χ^2/NDF : 206190.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7155.498+/-2.369 χ^2/NDF : 203072.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

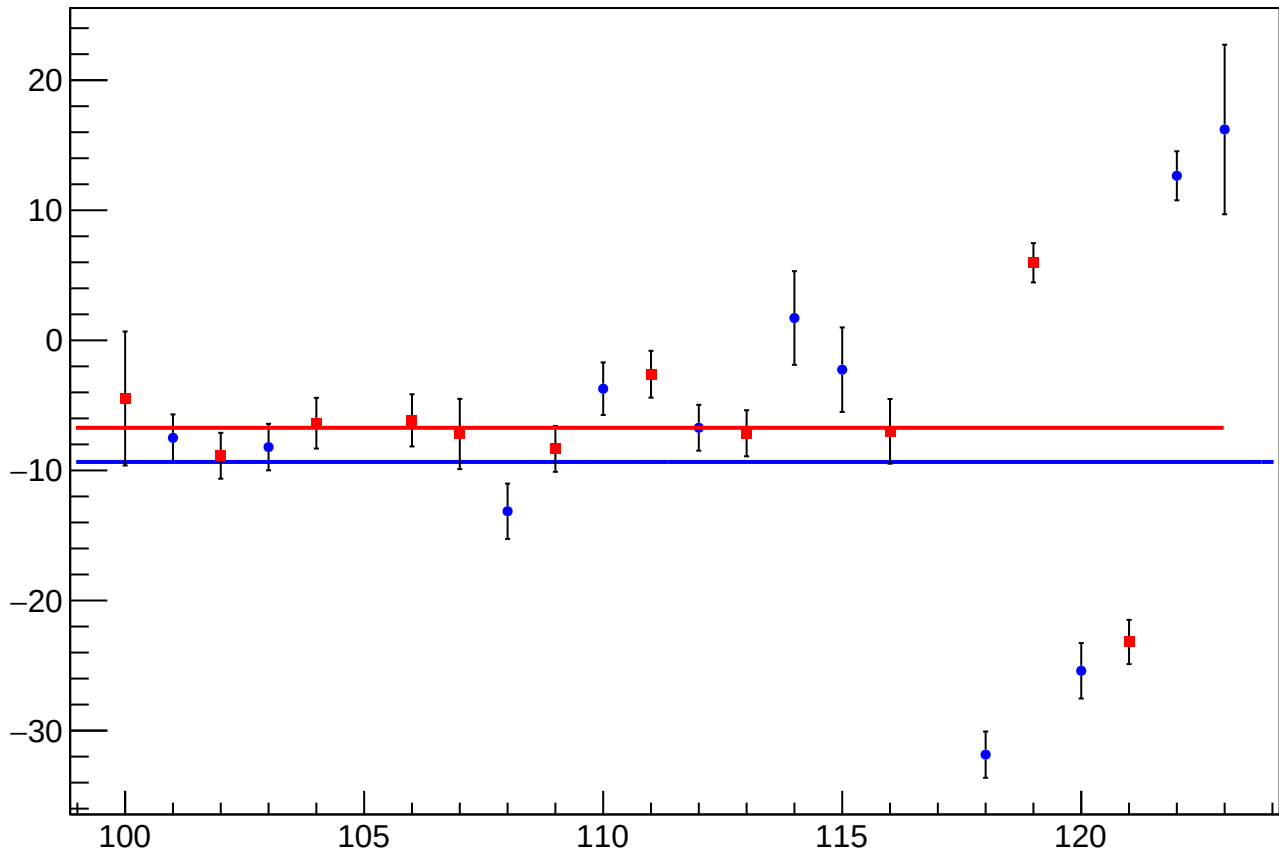
Right: 7287.885+/-1.760 χ^2/NDF : 416222.4/21

In: 7450.641+/-2.627 χ^2/NDF : 206190.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7287.885+/-1.760 χ^2/NDF : 416222.4/21

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.348 ± 0.643 χ^2/NDF : 396.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.722 ± 0.587 χ^2/NDF : 172.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

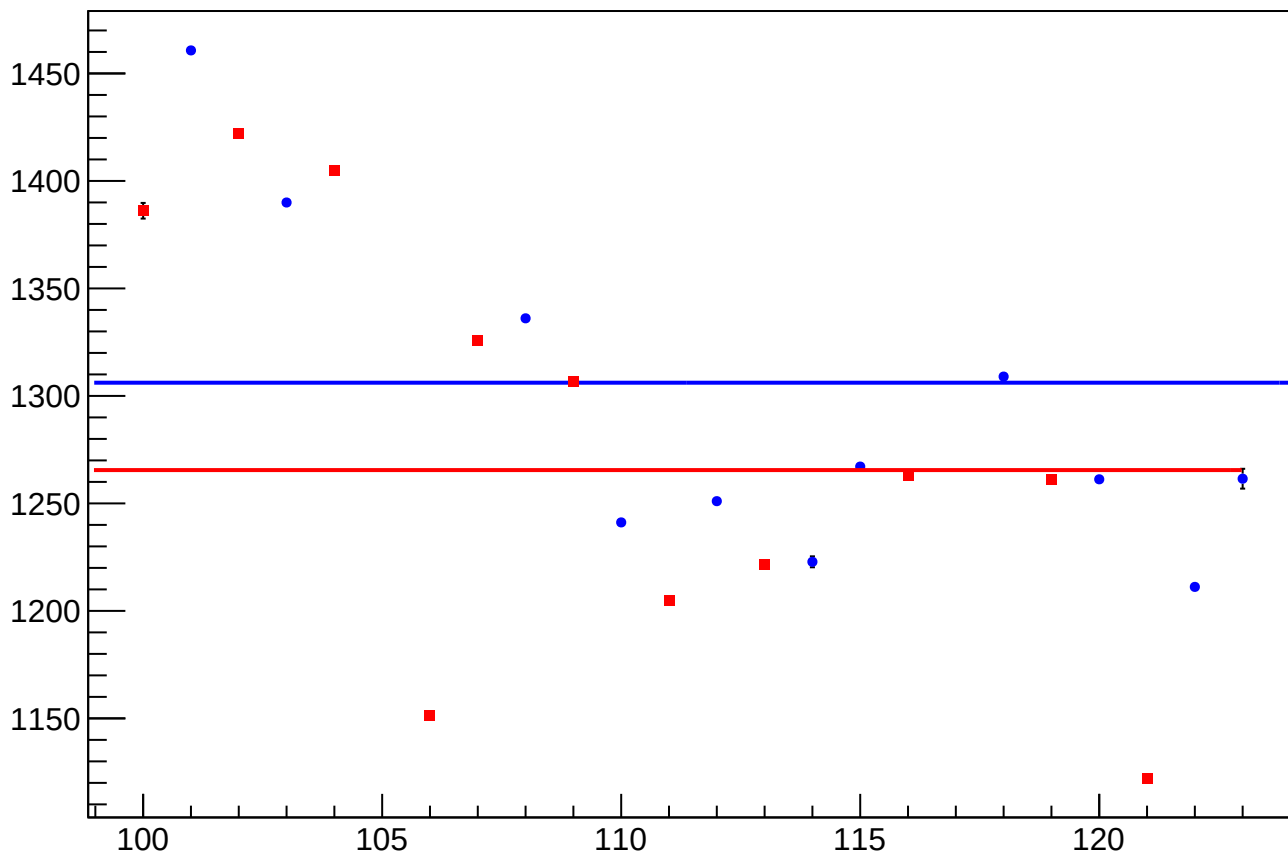
Right: -7.916 ± 0.433 χ^2/NDF : 578.4/21

In: -9.348 ± 0.643 χ^2/NDF : 396.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.916 ± 0.433 χ^2/NDF : 578.4/21

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1306.147 $\pm$ 0.454 χ^2 /NDF: 30961.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1265.500 $\pm$ 0.415 χ^2 /NDF: 53478.9/10

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

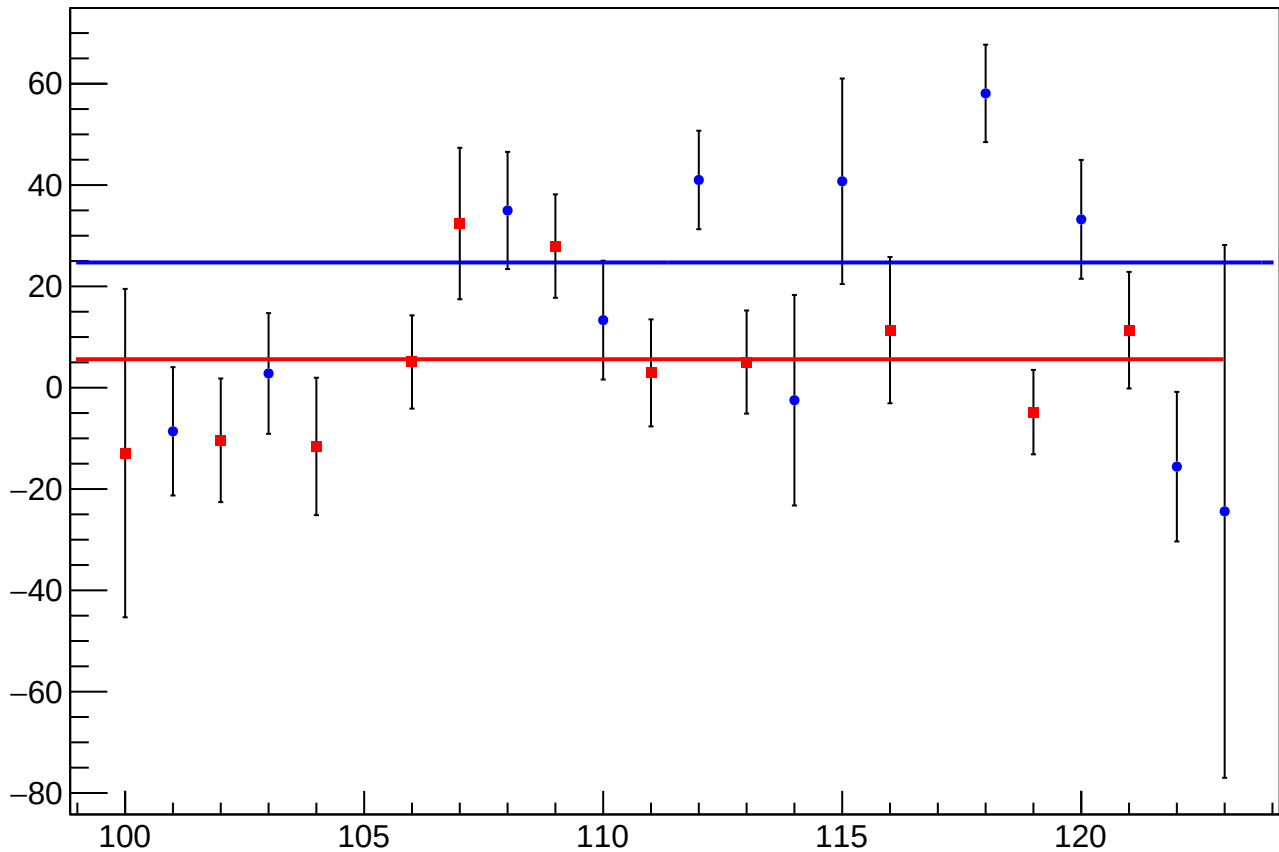
Right: 1283.978 $\pm$ 0.306 χ^2 /NDF: 88802.5/21

In: 1306.147 $\pm$ 0.454 χ^2 /NDF:30961.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1283.978 $\pm$ 0.306 χ^2 /NDF: 88802.5/21

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.720+/-3.881 χ^2/NDF : 38.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.620+/-3.443 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

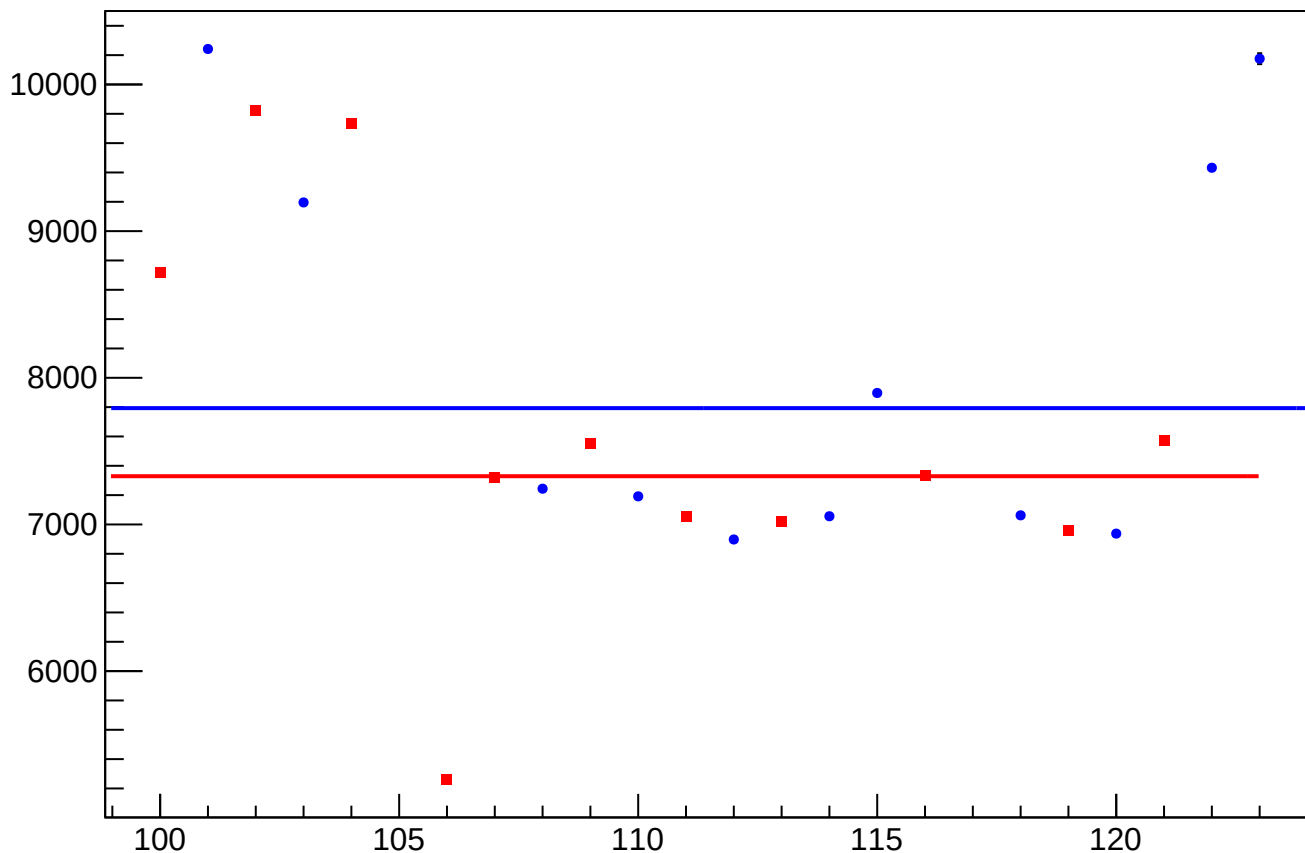
Right: 14.031+/-2.576 χ^2/NDF : 65.3/21

In: 24.720+/-3.881 χ^2/NDF : 38.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.031+/-2.576 χ^2/NDF : 65.3/21

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7793.206+/-2.745 χ^2/NDF : 182747.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7328.928+/-2.435 χ^2/NDF : 260224.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

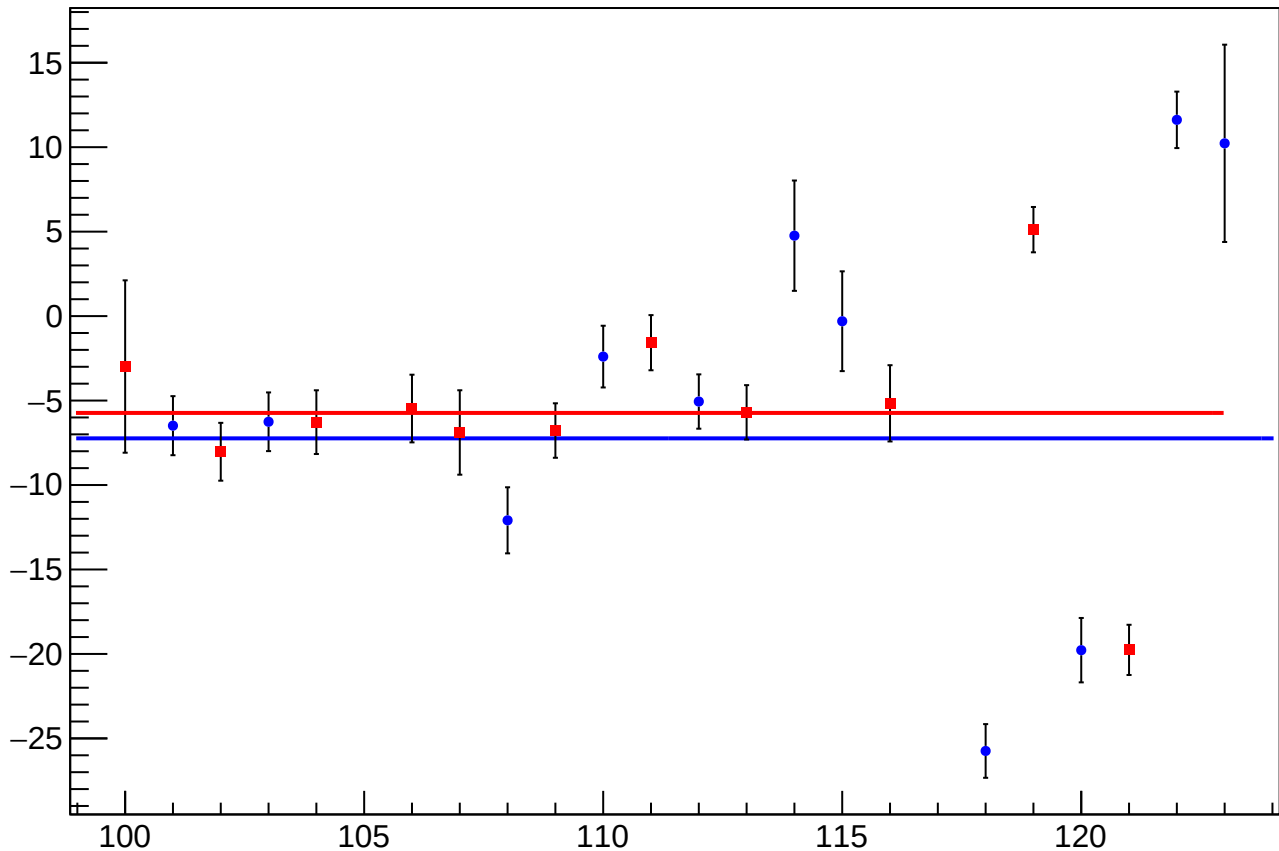
Right: 7533.383+/-1.821 χ^2/NDF : 458986.9/21

In: 7793.206+/-2.745 χ^2/NDF : 182747.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7533.383+/-1.821 χ^2/NDF : 458986.9/21

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -7.238+/-0.590 χ^2/NDF : 349.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.732+/-0.541 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

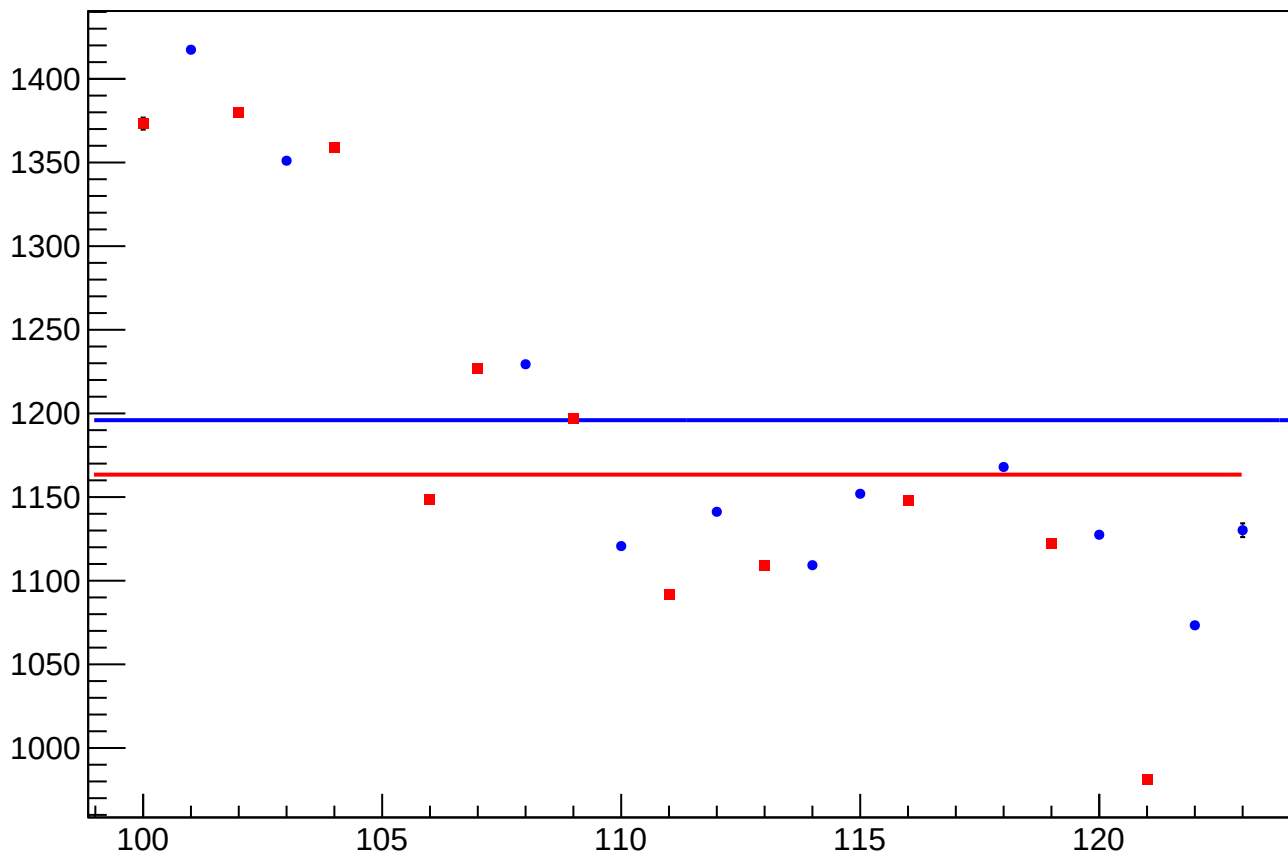
Right: -6.419+/-0.399 χ^2/NDF : 516.9/21

In: -7.238+/-0.590 χ^2/NDF : 349.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.419+/-0.399 χ^2/NDF : 516.9/21

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1195.958+/-0.417 χ^2/NDF : 70413.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1163.420+/-0.382 χ^2/NDF : 97278.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

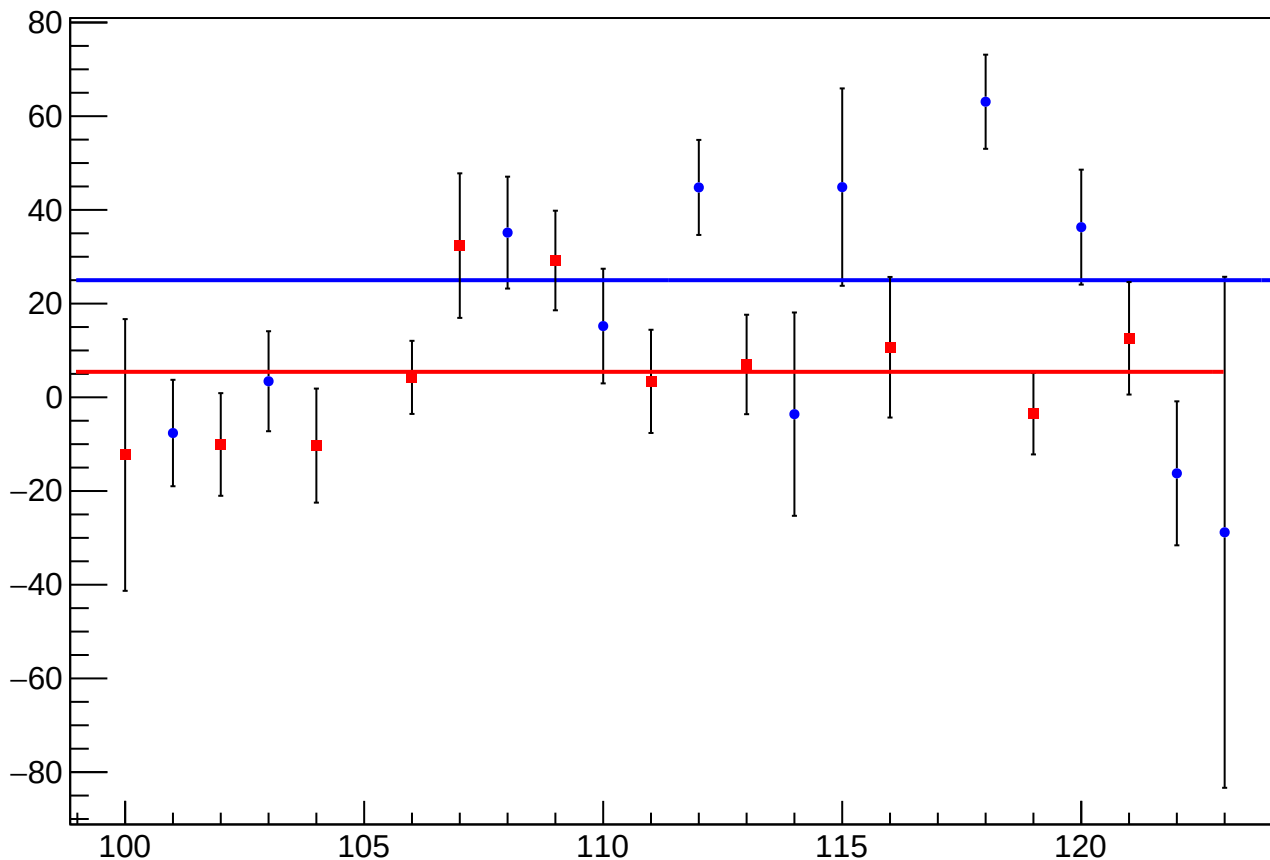
Right: 1178.276+/-0.282 χ^2/NDF : 170997.9/21

In: 1195.958+/-0.417 χ^2/NDF :70413.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1178.276+/-0.282 χ^2/NDF : 170997.9/21

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.997+/-3.909 χ^2/NDF : 43.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.439+/-3.382 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

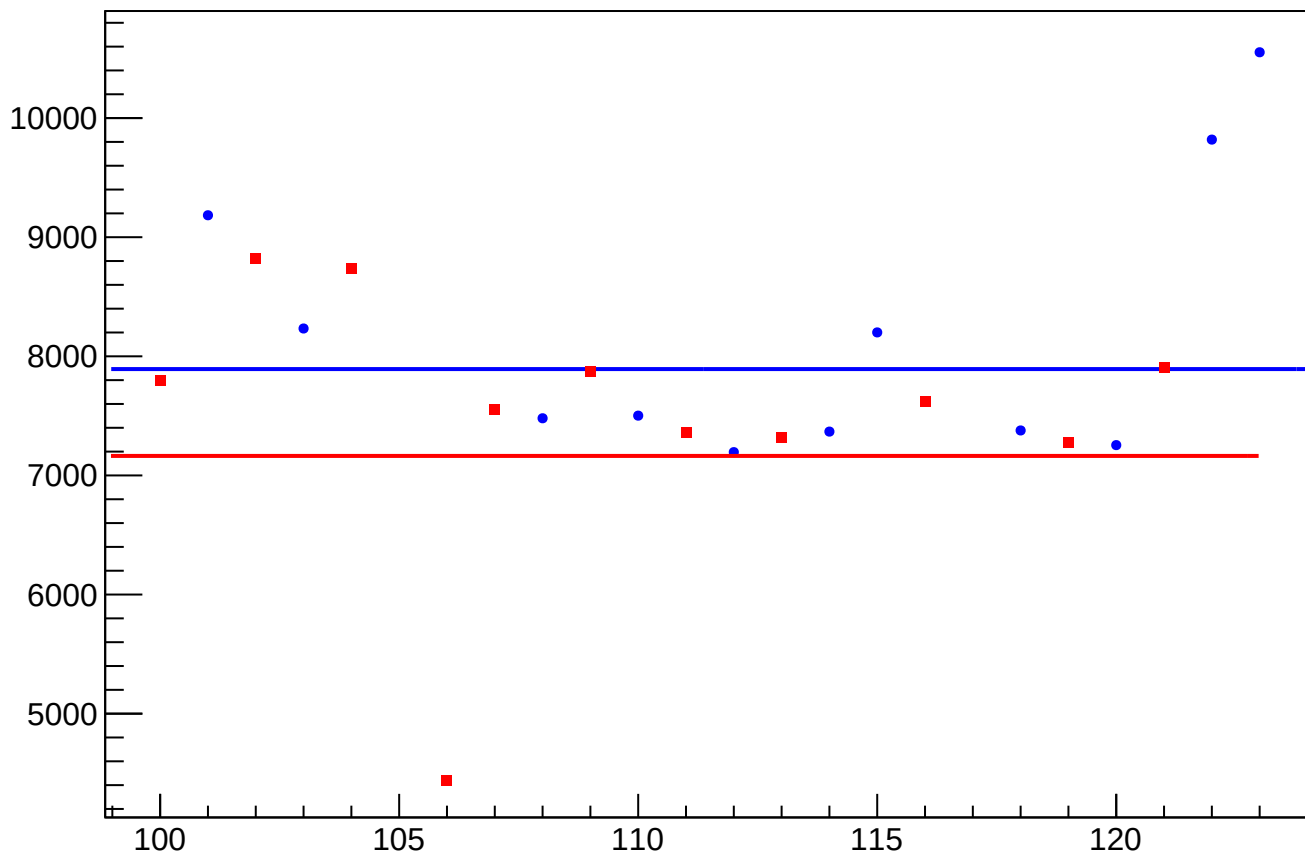
Right: 13.811+/-2.557 χ^2/NDF : 71.5/21

In: 24.997+/-3.909 χ^2/NDF : 43.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.811+/-2.557 χ^2/NDF : 71.5/21

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7892.927+/-2.764 χ^2/NDF : 90250.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7163.807+/-2.391 χ^2/NDF : 344483.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

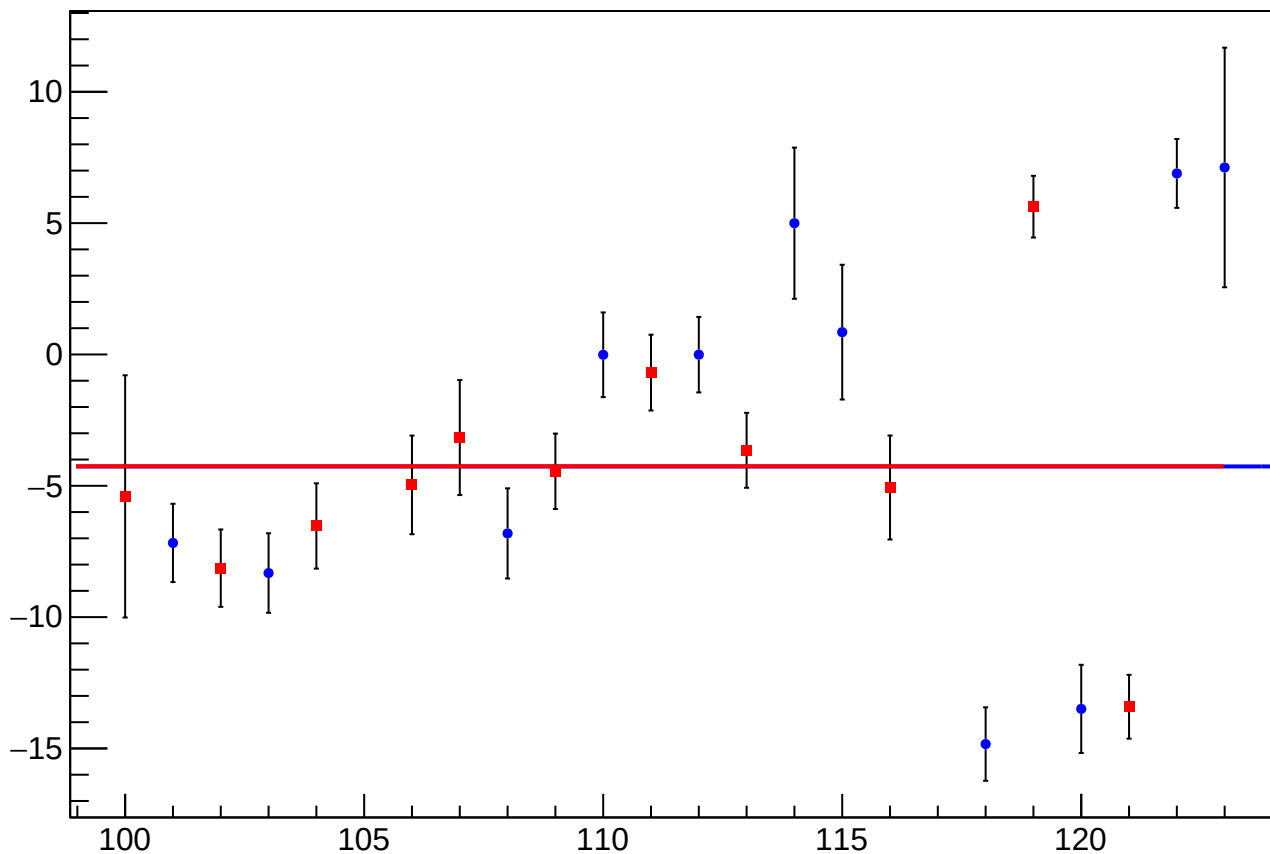
Right: 7475.929+/-1.808 χ^2/NDF : 474532.6/21

In: 7892.927+/-2.764 χ^2/NDF : 90250.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7475.929+/-1.808 χ^2/NDF : 474532.6/21

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.263+/-0.509 χ^2/NDF : 209.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.258+/-0.472 χ^2/NDF : 143.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

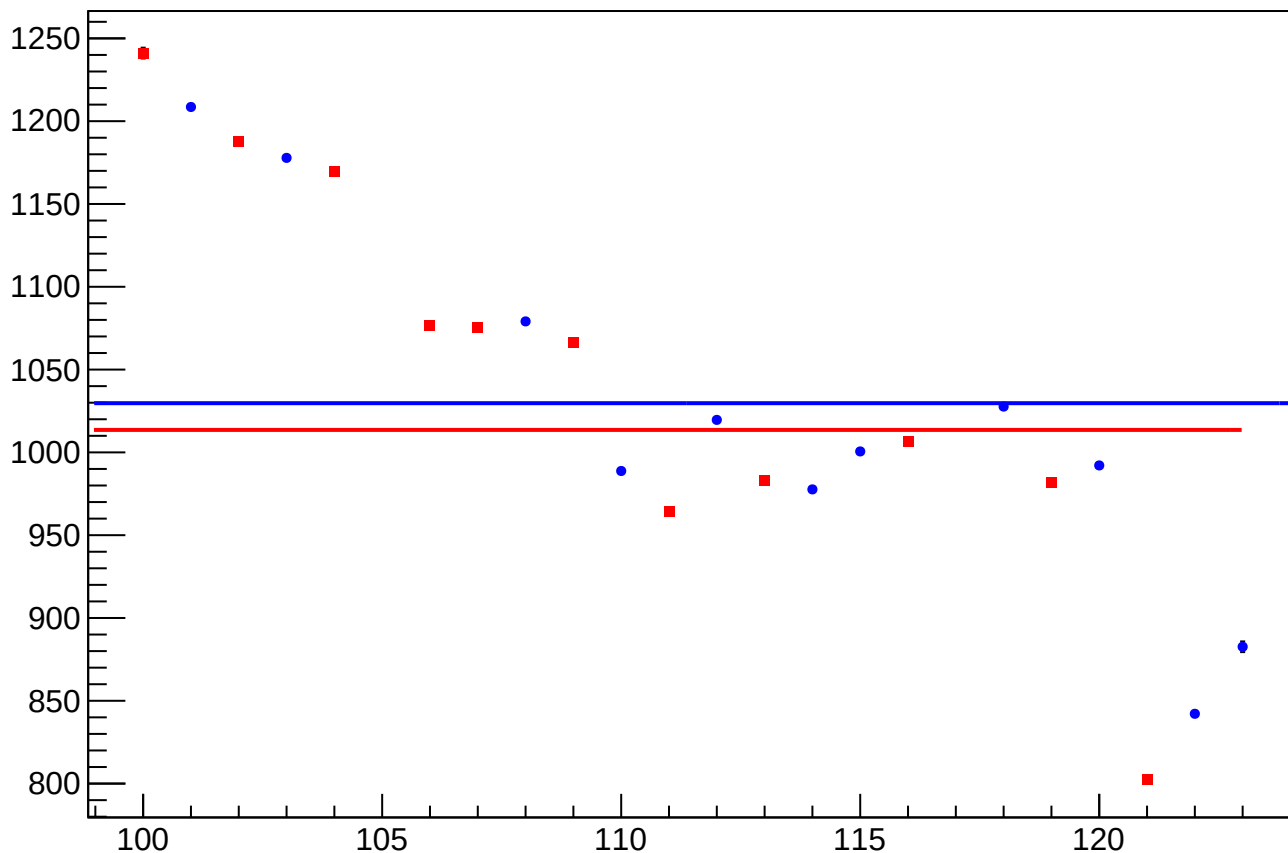
Right: -4.260+/-0.346 χ^2/NDF : 352.6/21

In: -4.263+/-0.509 χ^2/NDF : 209.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.260+/-0.346 χ^2/NDF : 352.6/21

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1029.708+/-0.360 χ^2/NDF : 95934.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1013.570+/-0.334 χ^2/NDF : 122802.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

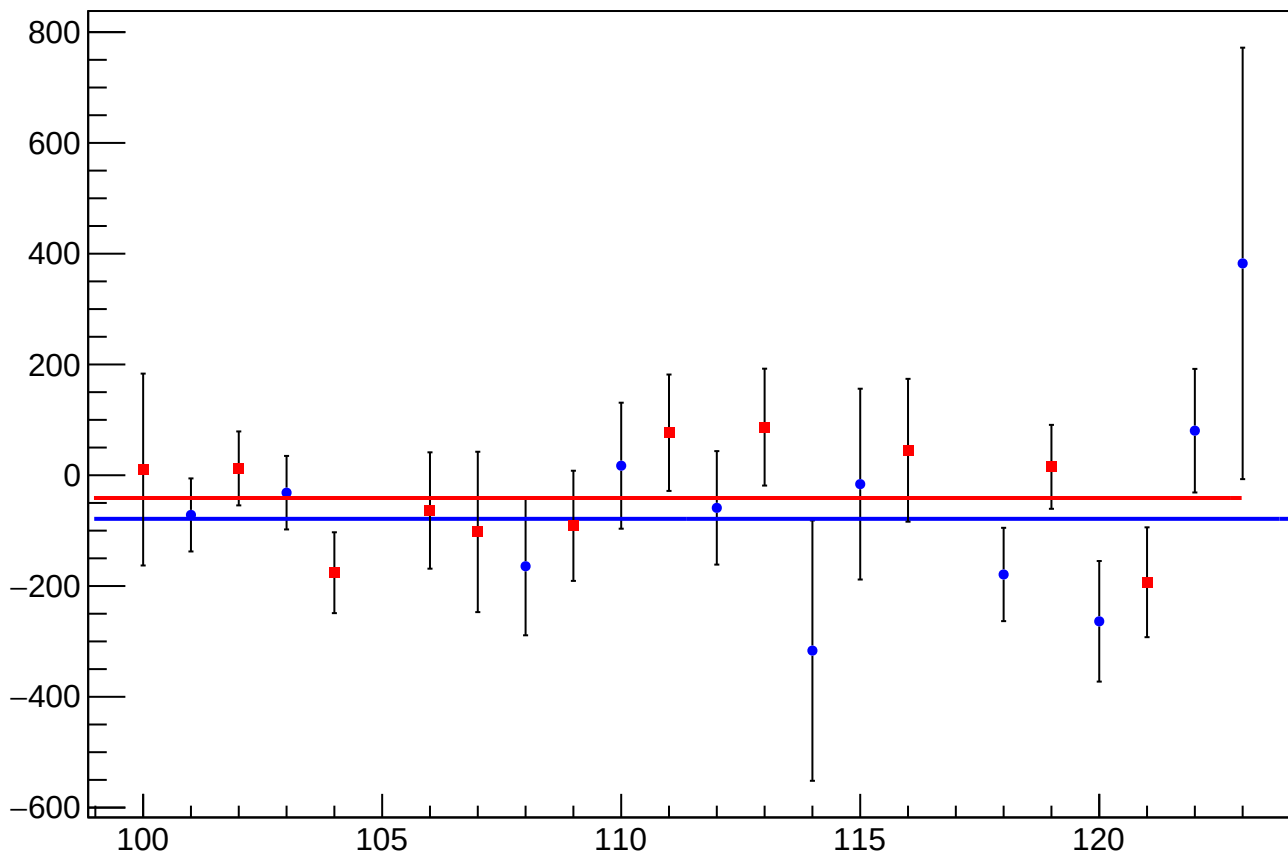
Right: 1021.031+/-0.245 χ^2/NDF : 219818.9/21

In: 1029.708+/-0.360 χ^2/NDF : 95934.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.031+/-0.245 χ^2/NDF : 219818.9/21

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -78.693+/-30.745 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.069+/-28.852 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

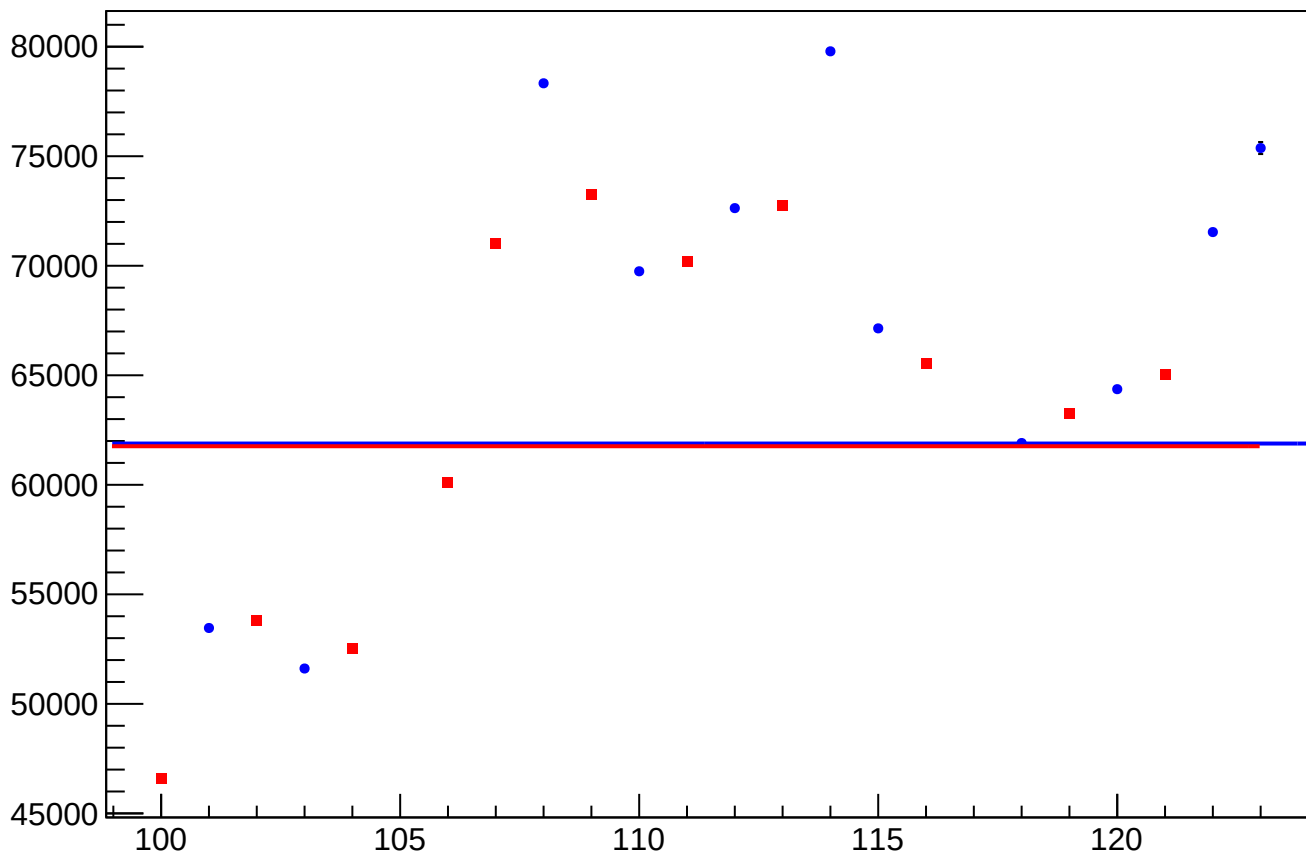
Right: -58.687+/-21.039 χ^2/NDF : 22.1/21

In: -78.693+/-30.745 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.687+/-21.039 χ^2/NDF : 22.1/21

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 61818.496+/-14.877 χ^2 /NDF: 329439.0/21

In: 61884.191+/-21.740 χ^2 /NDF:178737.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 61818.496+/-14.877 χ^2 /NDF: 329439.0/21

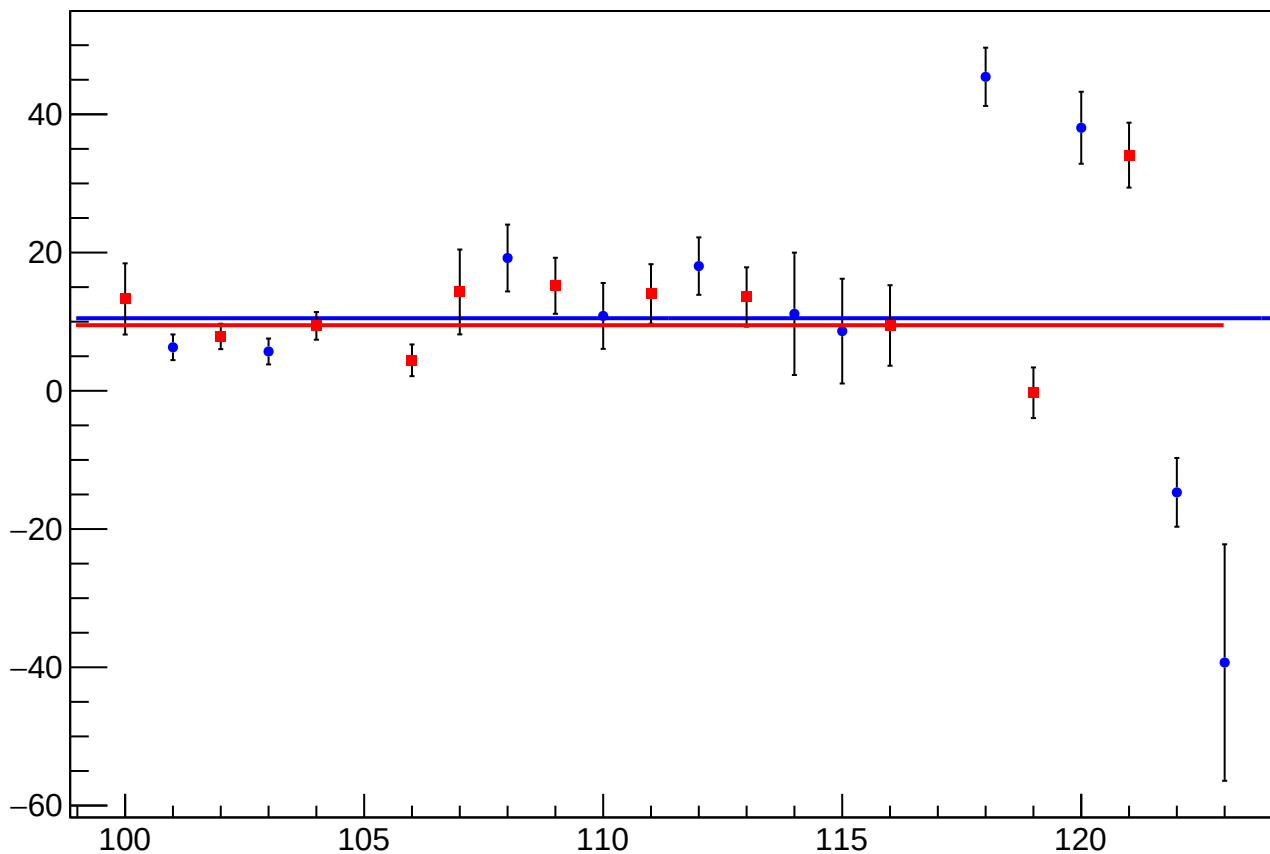
Right In: 61884.191+/-21.740 χ^2 /NDF: 178737.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 61760.642+/-20.401 χ^2 /NDF: 150684.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.501+/-1.062 χ^2/NDF : 149.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.492+/-0.946 χ^2/NDF : 45.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

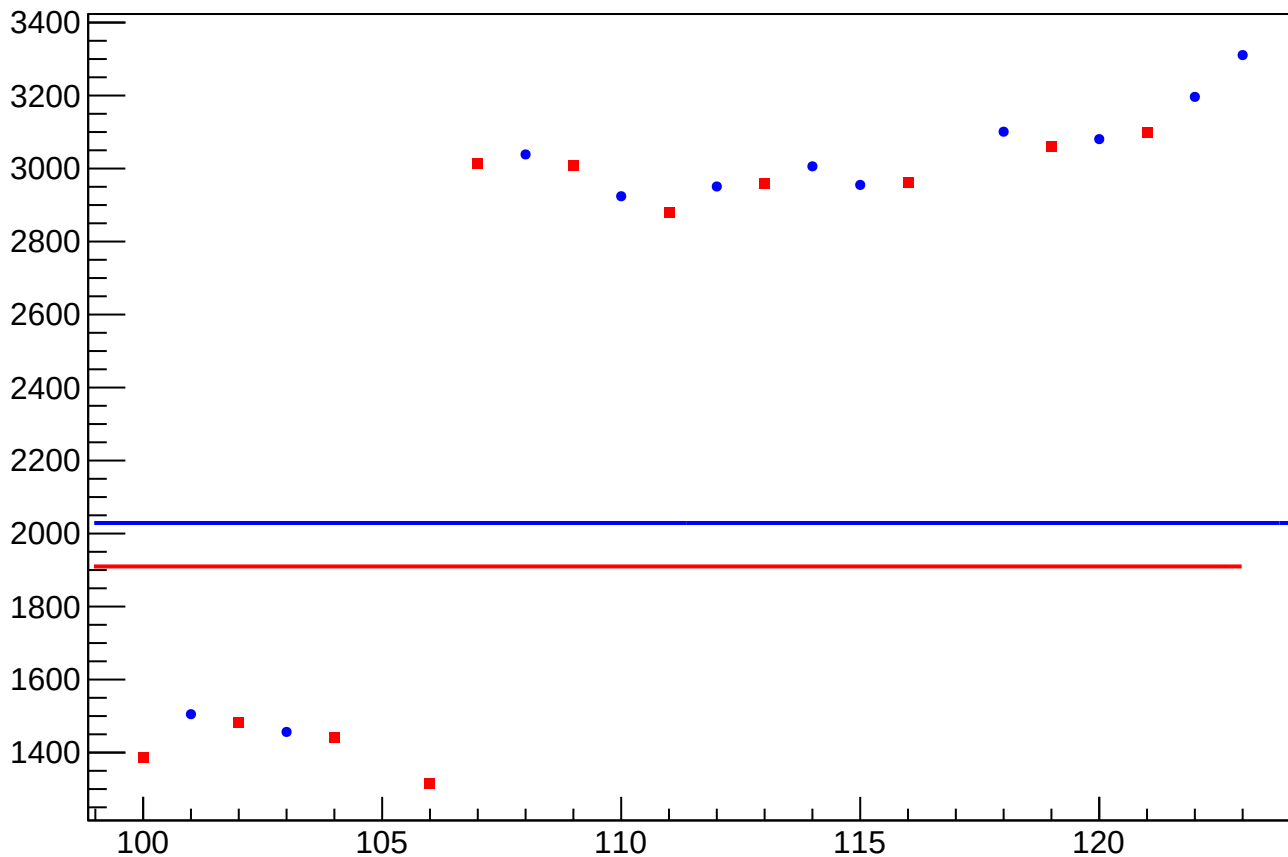
Right: 9.938+/-0.706 χ^2/NDF : 195.0/21

In: 10.501+/-1.062 χ^2/NDF : 149.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.938+/-0.706 χ^2/NDF : 195.0/21

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2028.962+/-0.751 χ^2/NDF : 988953.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1909.867+/-0.669 χ^2/NDF : 1196047.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

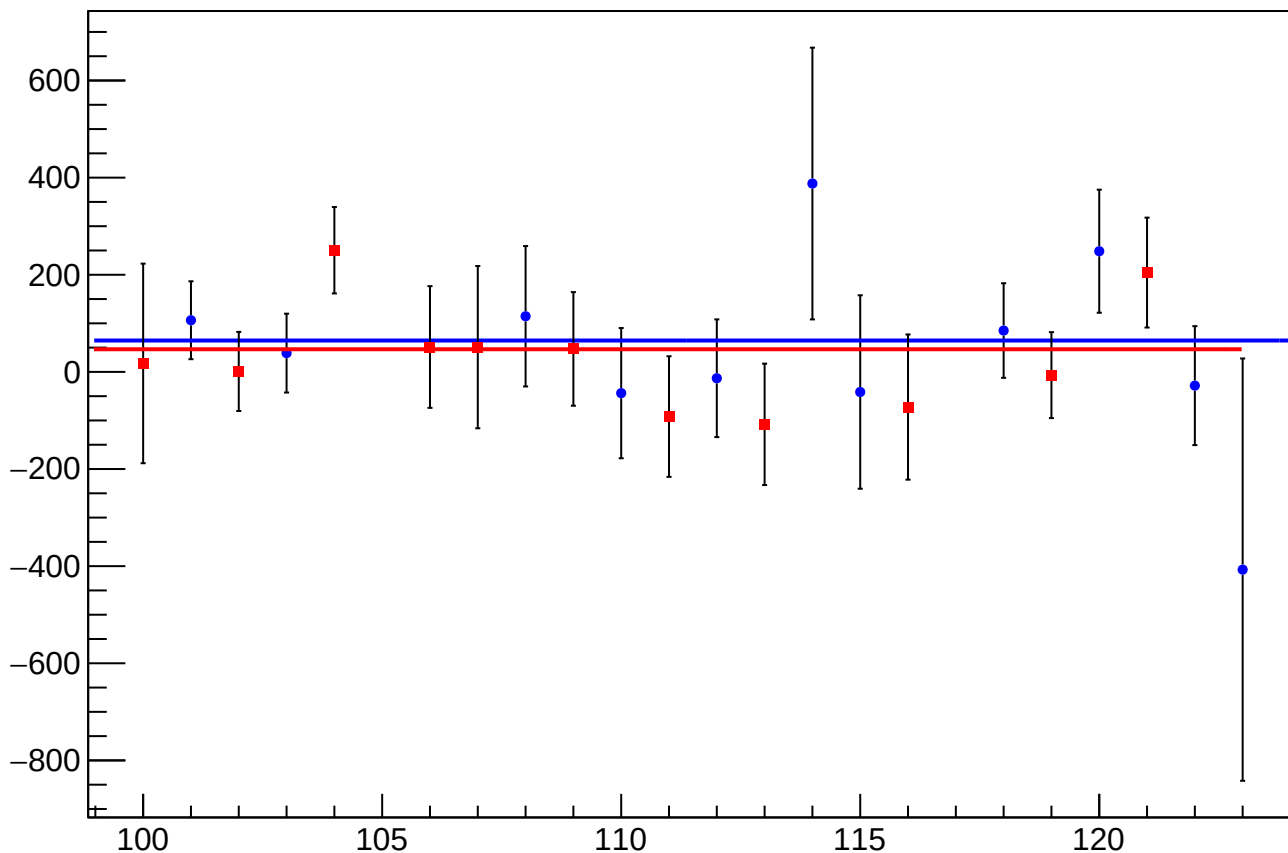
Right: 1962.554+/-0.499 χ^2/NDF : 2199034.9/21

In: 2028.962+/-0.751 χ^2/NDF : 988953.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1962.554+/-0.499 χ^2/NDF : 2199034.9/21

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 64.639+/-36.360 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.632+/-34.244 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

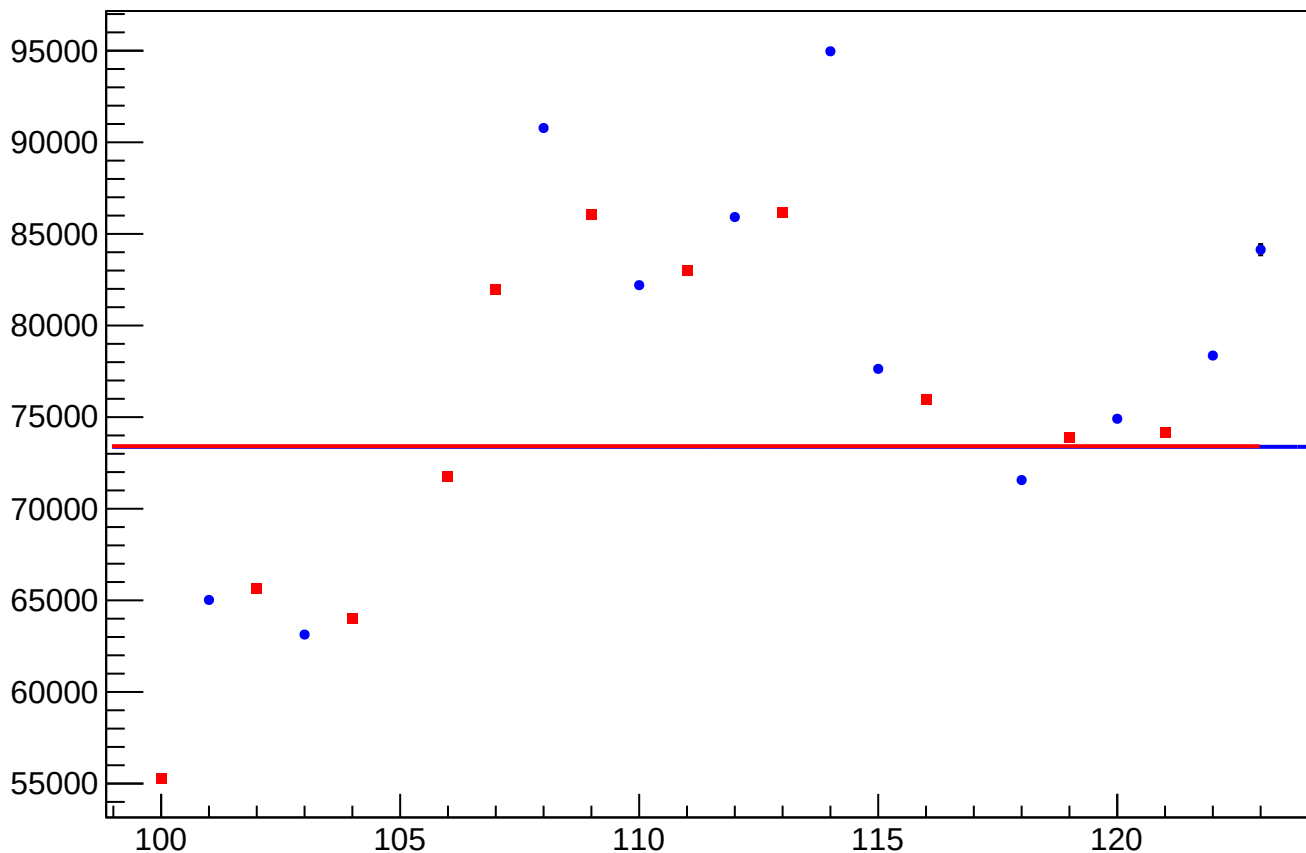
Right: 55.096+/-24.928 χ^2/NDF : 18.5/21

In: 64.639+/-36.360 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.096+/-24.928 χ^2/NDF : 18.5/21

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 73378.759+/-25.710 χ^2/NDF : 130979.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73413.882+/-24.214 χ^2/NDF : 118722.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

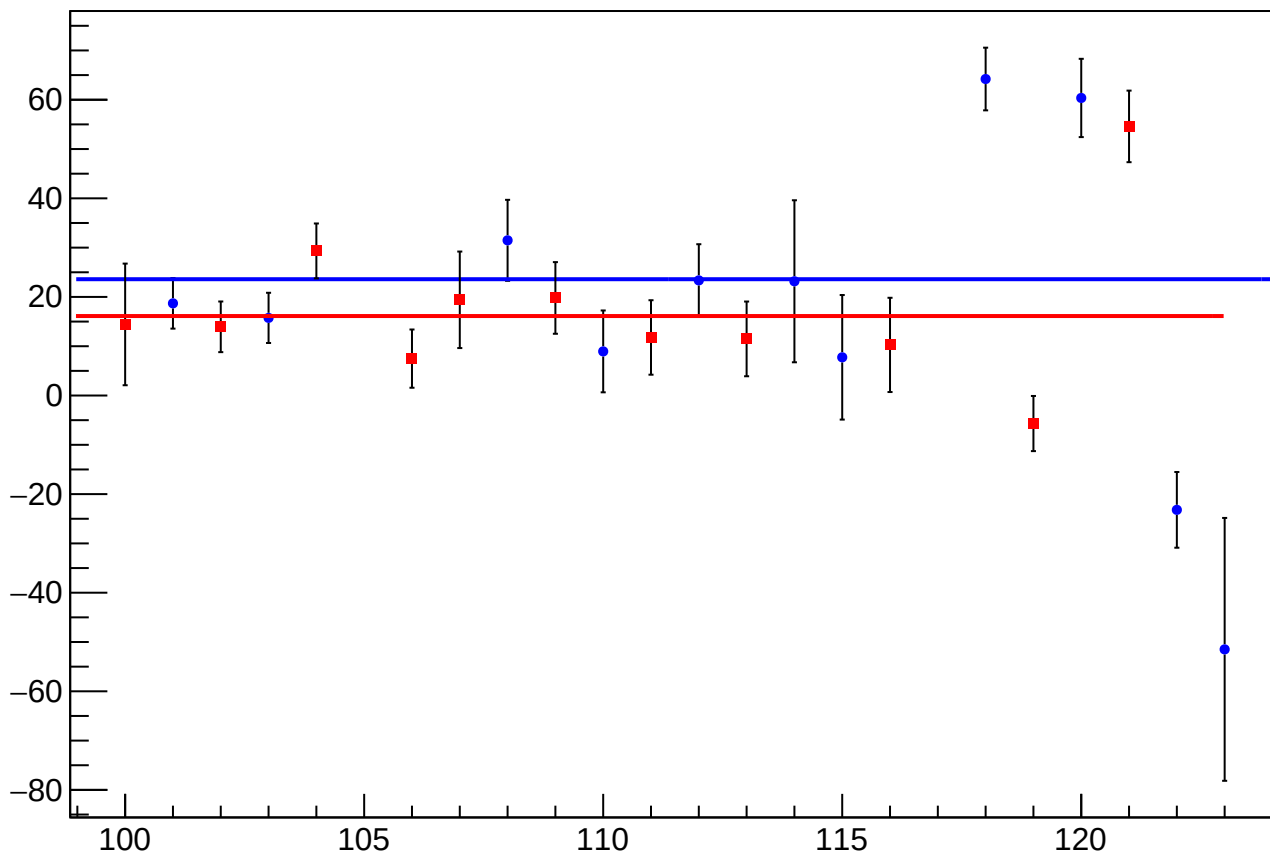
Right: 73397.372+/-17.627 χ^2/NDF : 249703.0/21

In: 73378.759+/-25.710 χ^2/NDF : 130979.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73397.372+/-17.627 χ^2/NDF : 249703.0/21

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 23.594+/-2.274 χ^2/NDF : 116.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.122+/-2.078 χ^2/NDF : 52.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

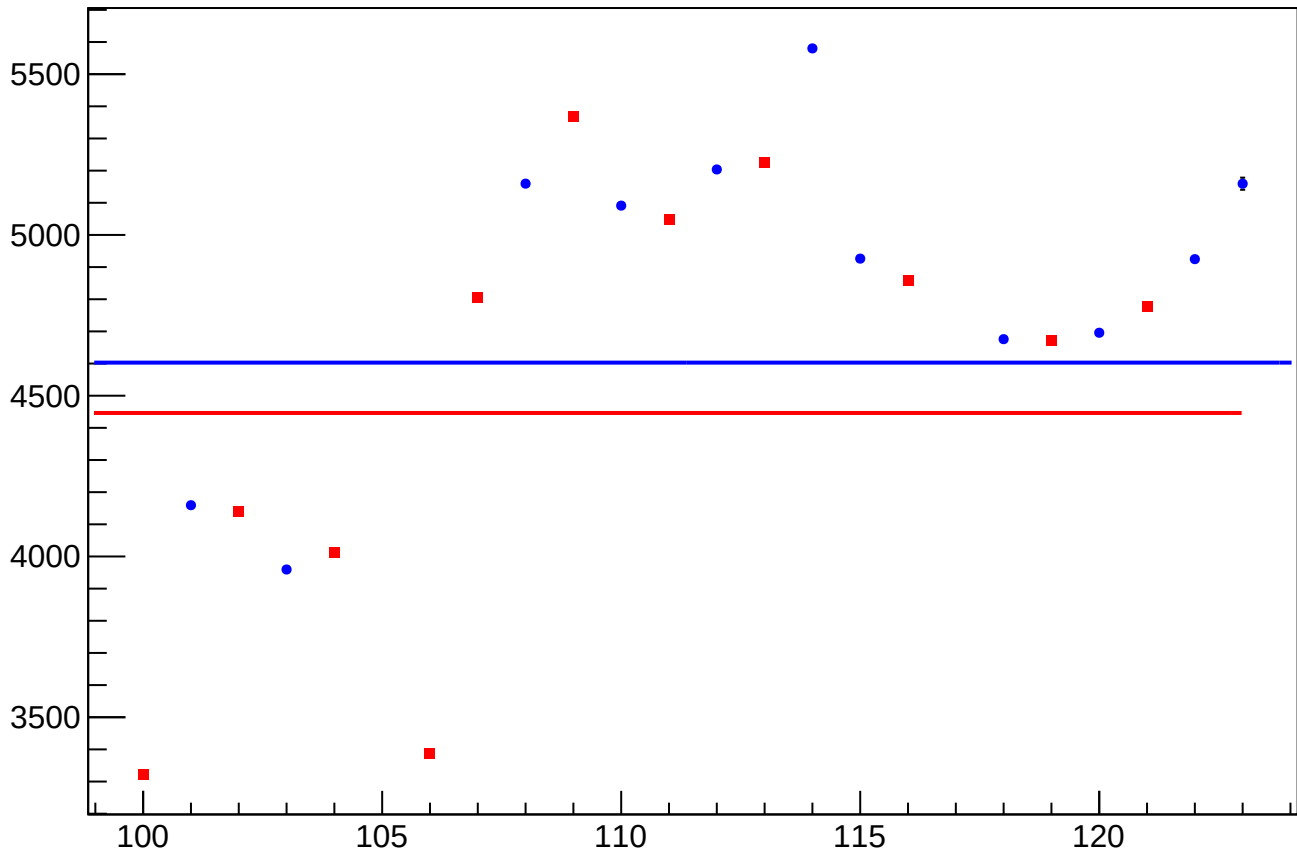
Right: 19.523+/-1.534 χ^2/NDF : 174.8/21

In: 23.594+/-2.274 χ^2/NDF : 116.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.523+/-1.534 χ^2/NDF : 174.8/21

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4602.917+/-1.608 χ^2/NDF : 89705.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4446.304+/-1.470 χ^2/NDF : 180456.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

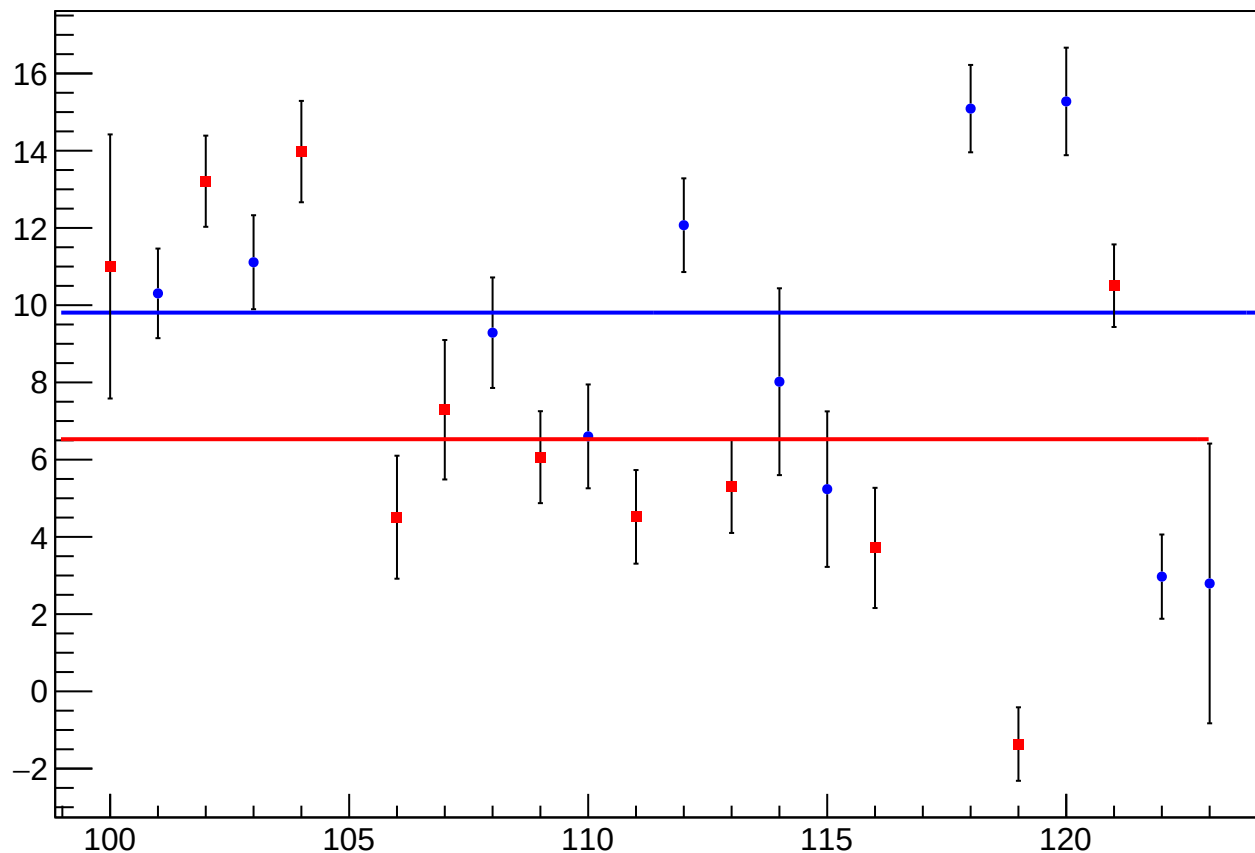
Right: 4517.589+/-1.085 χ^2/NDF : 275331.9/21

In: 4602.917+/-1.608 χ^2/NDF : 89705.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4517.589+/-1.085 χ^2/NDF : 275331.9/21

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.807+/-0.416 χ^2/NDF : 96.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.529+/-0.391 χ^2/NDF : 157.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

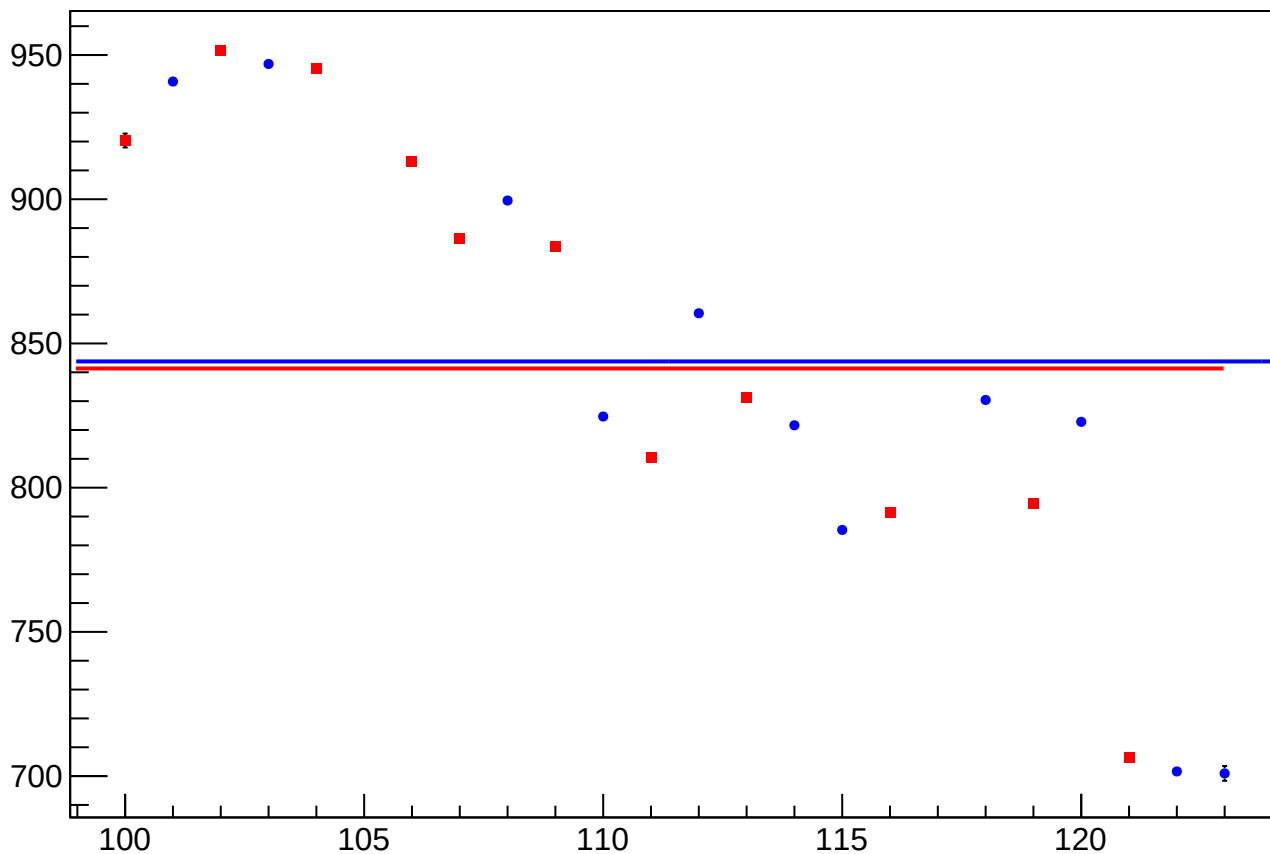
Right: 8.065+/-0.285 χ^2/NDF : 287.1/21

In: 9.807+/-0.416 χ^2/NDF : 96.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.065+/-0.285 χ^2/NDF : 287.1/21

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 843.769+/-0.294 χ^2/NDF : 71824.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.333+/-0.276 χ^2/NDF : 79135.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

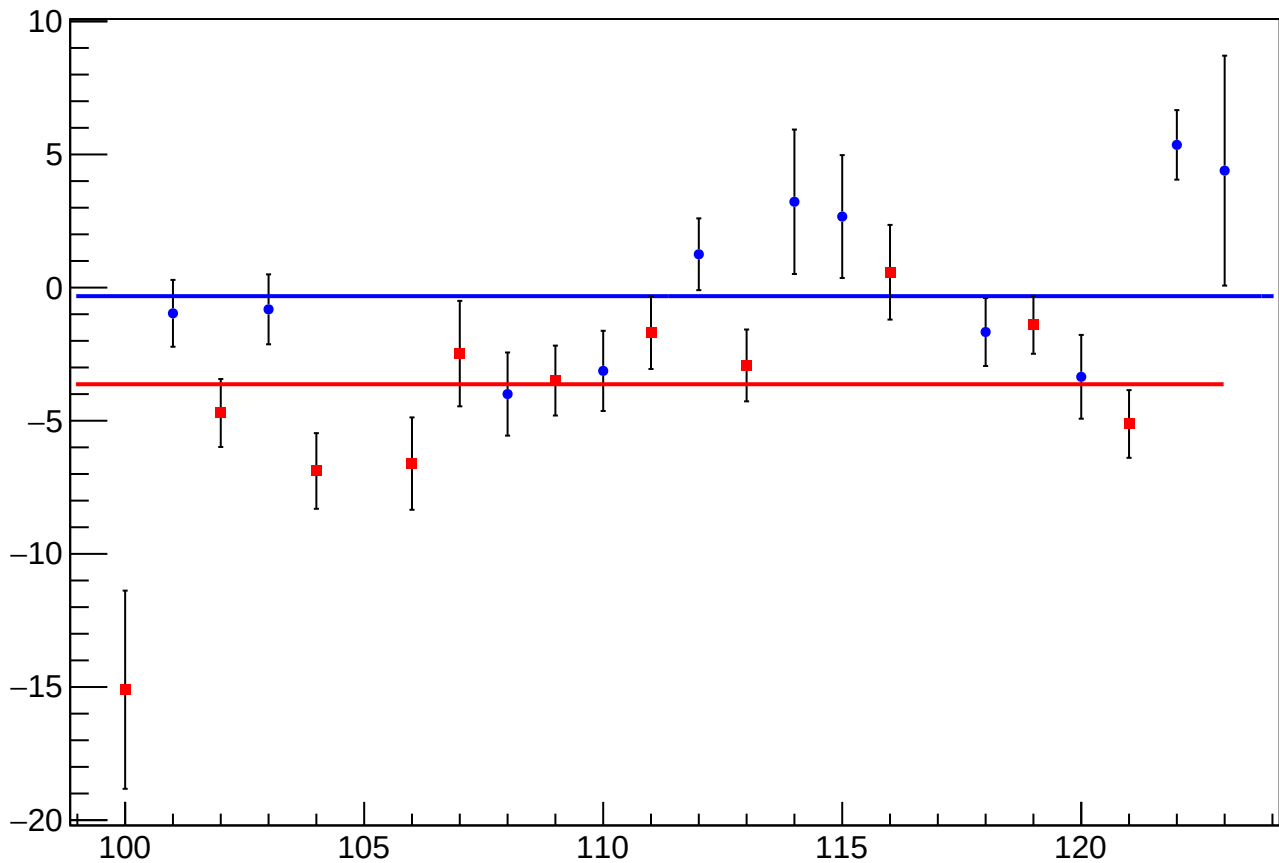
Right: 842.474+/-0.201 χ^2/NDF : 150996.3/21

In: 843.769+/-0.294 χ^2/NDF : 71824.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.474+/-0.201 χ^2/NDF : 150996.3/21

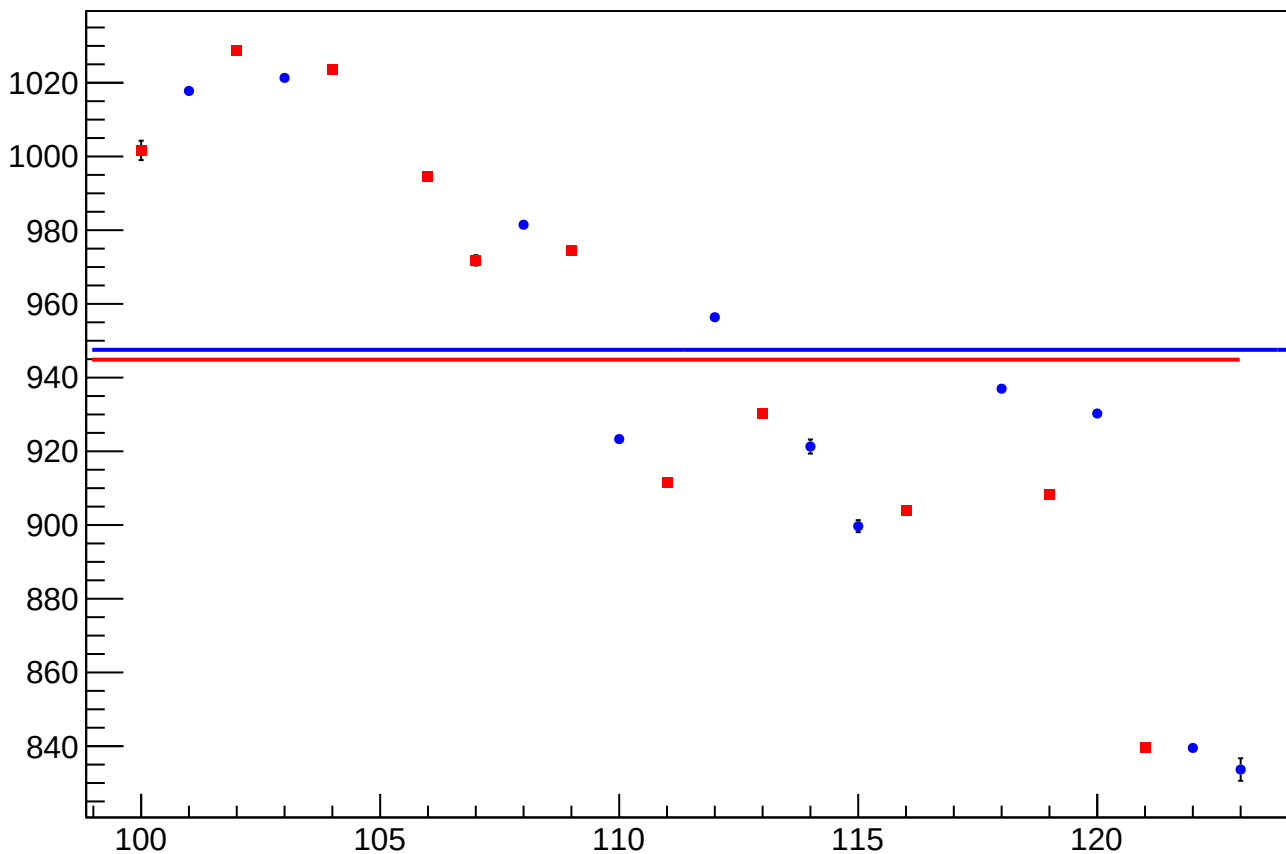
diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.321+/-0.466 χ^2/NDF : 39.1/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.629+/-0.438 χ^2/NDF : 32.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.079+/-0.319 χ^2/NDF : 98.1/21
 In: -0.321+/-0.466 χ^2/NDF : 39.1/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.079+/-0.319 χ^2/NDF : 98.1/21

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 947.544+/-0.330 χ^2/NDF : 30637.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.874+/-0.310 χ^2/NDF : 36678.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

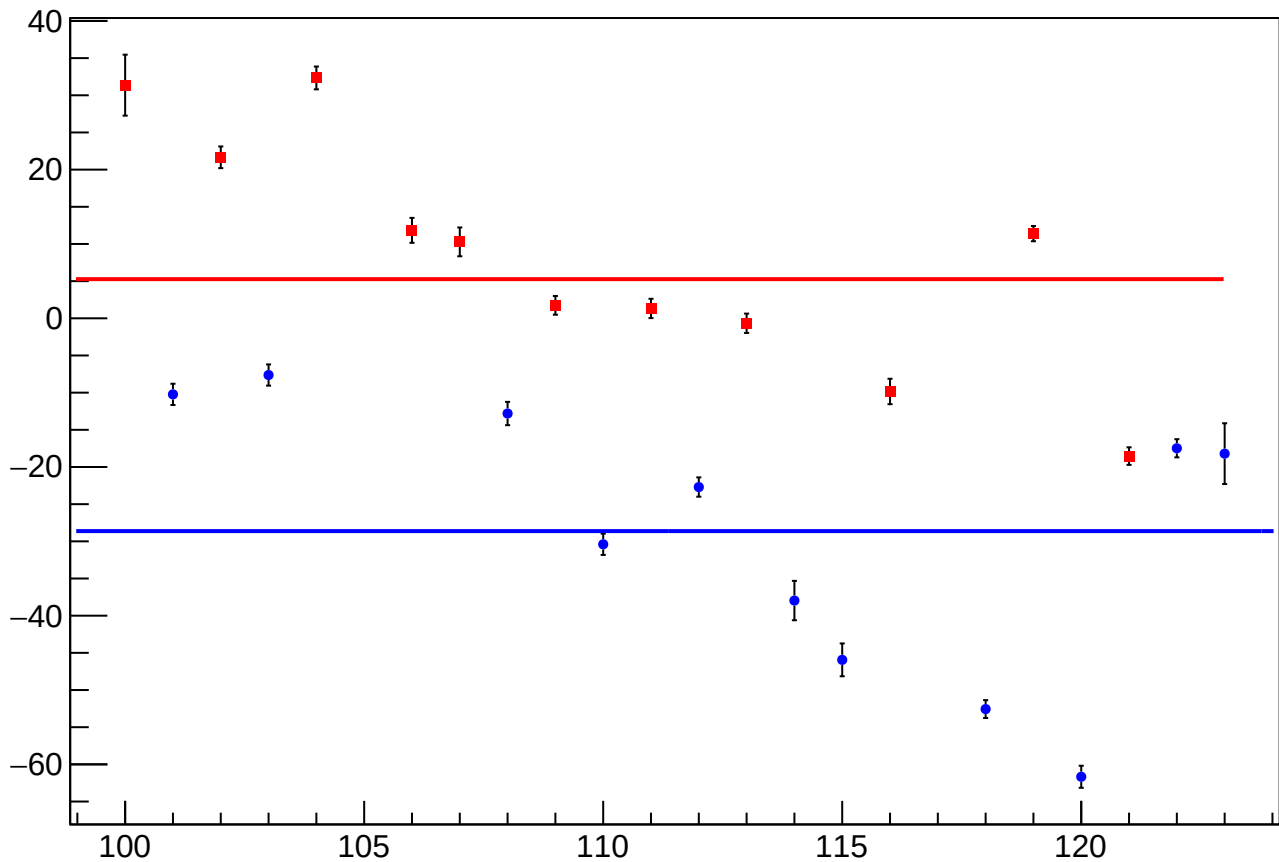
Right: 946.125+/-0.226 χ^2/NDF : 67350.4/21

In: 947.544+/-0.330 χ^2/NDF : 30637.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.125+/-0.226 χ^2/NDF : 67350.4/21

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -28.623+/-0.462 χ^2/NDF : 1562.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.267+/-0.430 χ^2/NDF : 1057.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

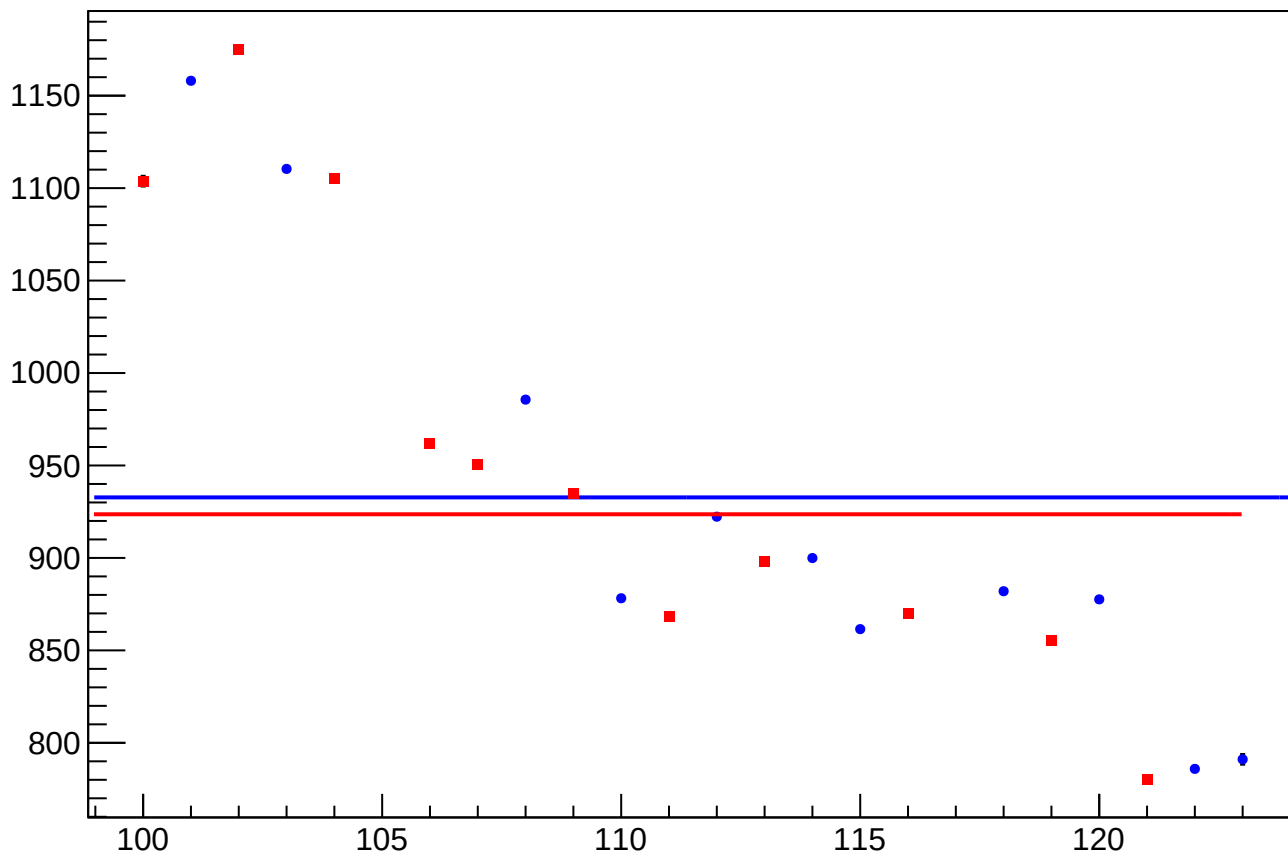
Right: -10.486+/-0.315 χ^2/NDF : 5504.2/21

In: -28.623+/-0.462 χ^2/NDF : 1562.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.486+/-0.315 χ^2/NDF : 5504.2/21

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 932.744+/-0.326 χ^2/NDF : 126042.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 923.609+/-0.304 χ^2/NDF : 137584.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

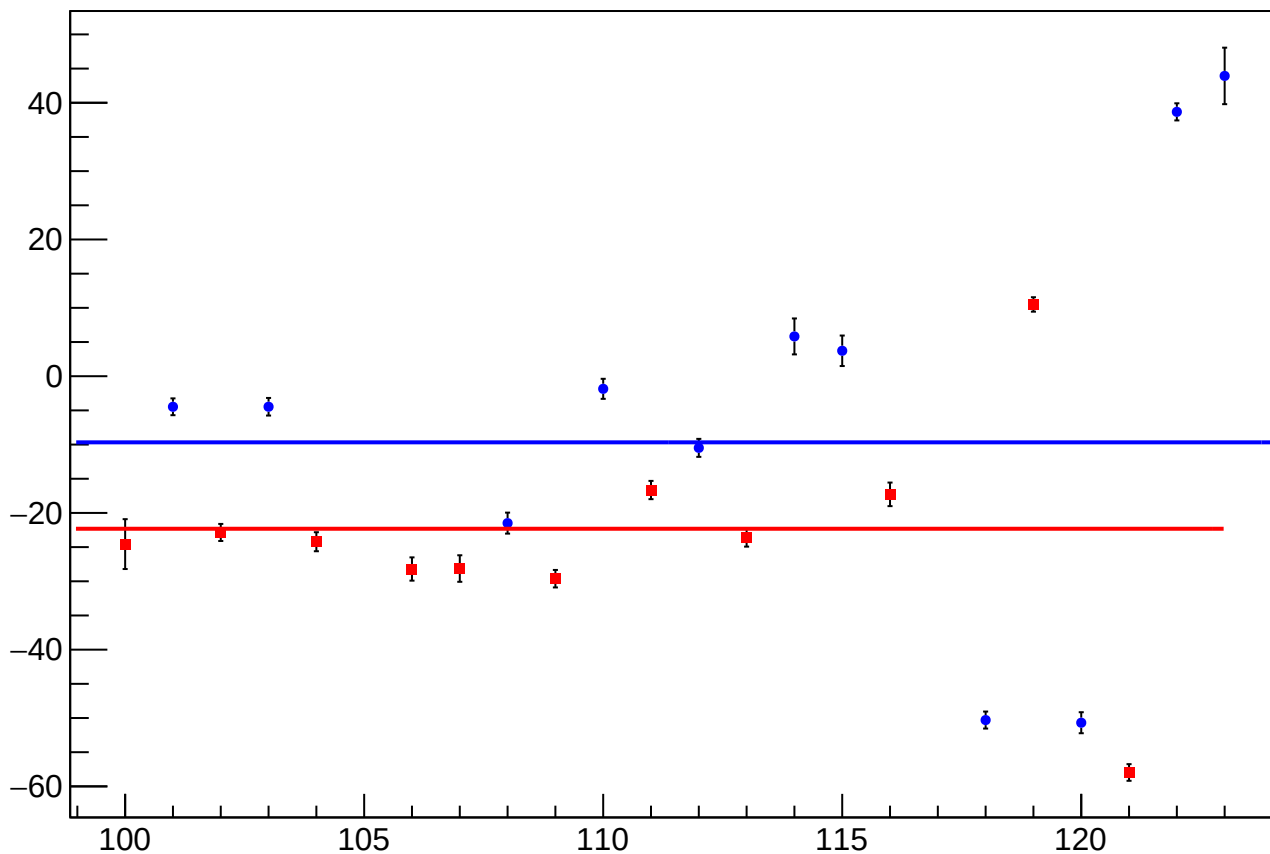
Right: 927.855+/-0.223 χ^2/NDF : 264045.5/21

In: 932.744+/-0.326 χ^2/NDF : 126042.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.855+/-0.223 χ^2/NDF : 264045.5/21

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -9.674+/-0.454 χ^2/NDF : 3632.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -22.314+/-0.426 χ^2/NDF : 1906.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

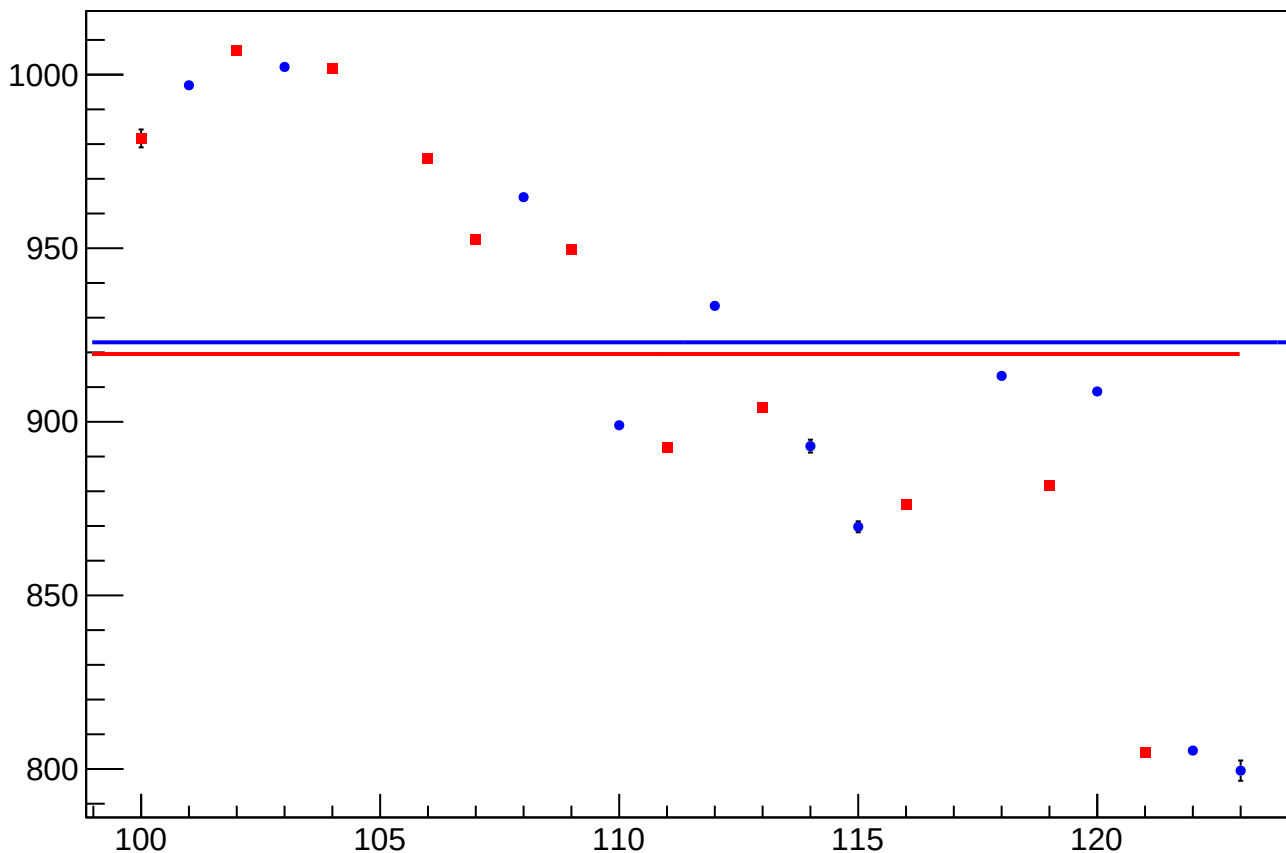
Right: -16.398+/-0.311 χ^2/NDF : 5950.2/21

In: -9.674+/-0.454 χ^2/NDF :3632.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -16.398+/-0.311 χ^2/NDF : 5950.2/21

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 922.900+/-0.321 χ^2/NDF : 38089.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 919.524+/-0.301 χ^2/NDF : 43879.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

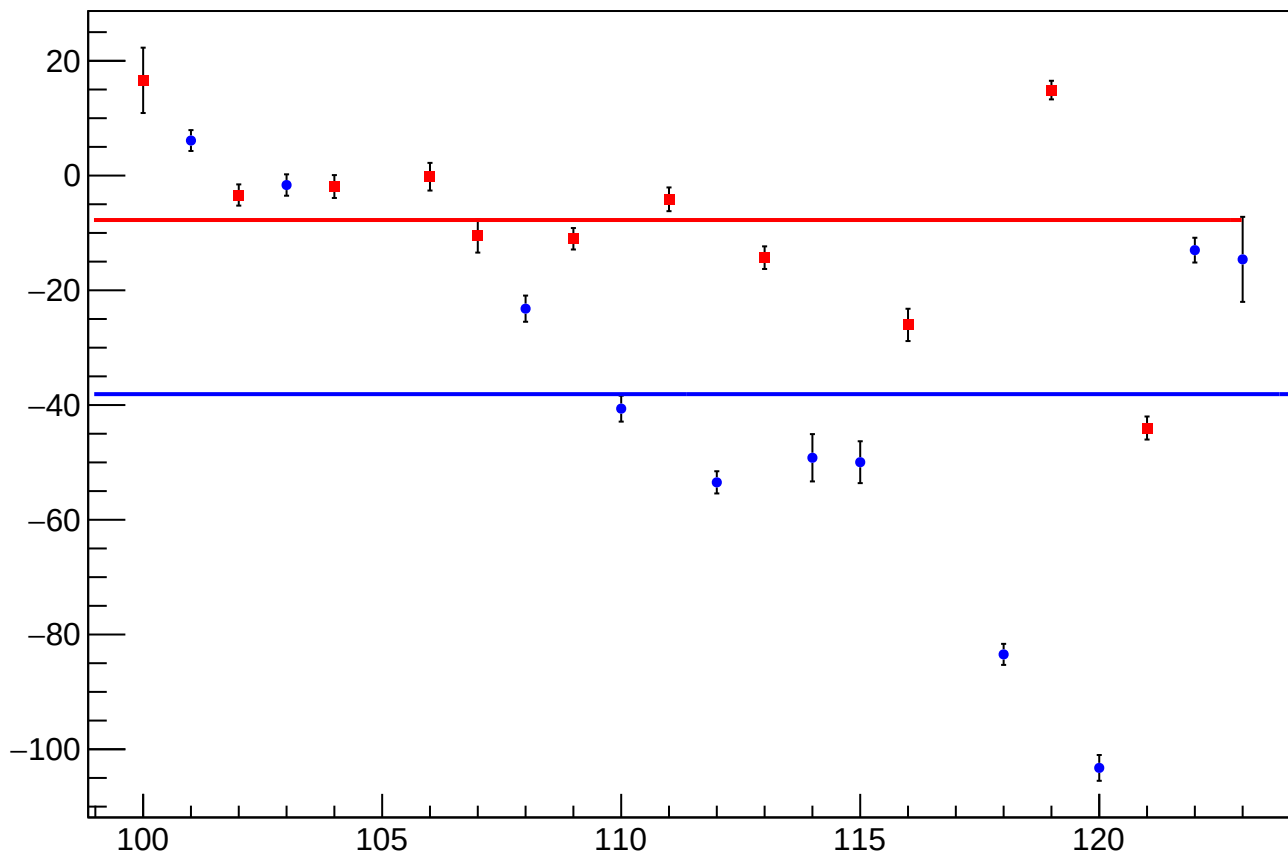
Right: 921.104+/-0.220 χ^2/NDF : 82027.5/21

In: 922.900+/-0.321 χ^2/NDF : 38089.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 921.104+/-0.220 χ^2/NDF : 82027.5/21

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -38.099 ± 0.689 $\chi^2/\text{NDF}: 2694.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.748 ± 0.646 $\chi^2/\text{NDF}: 623.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

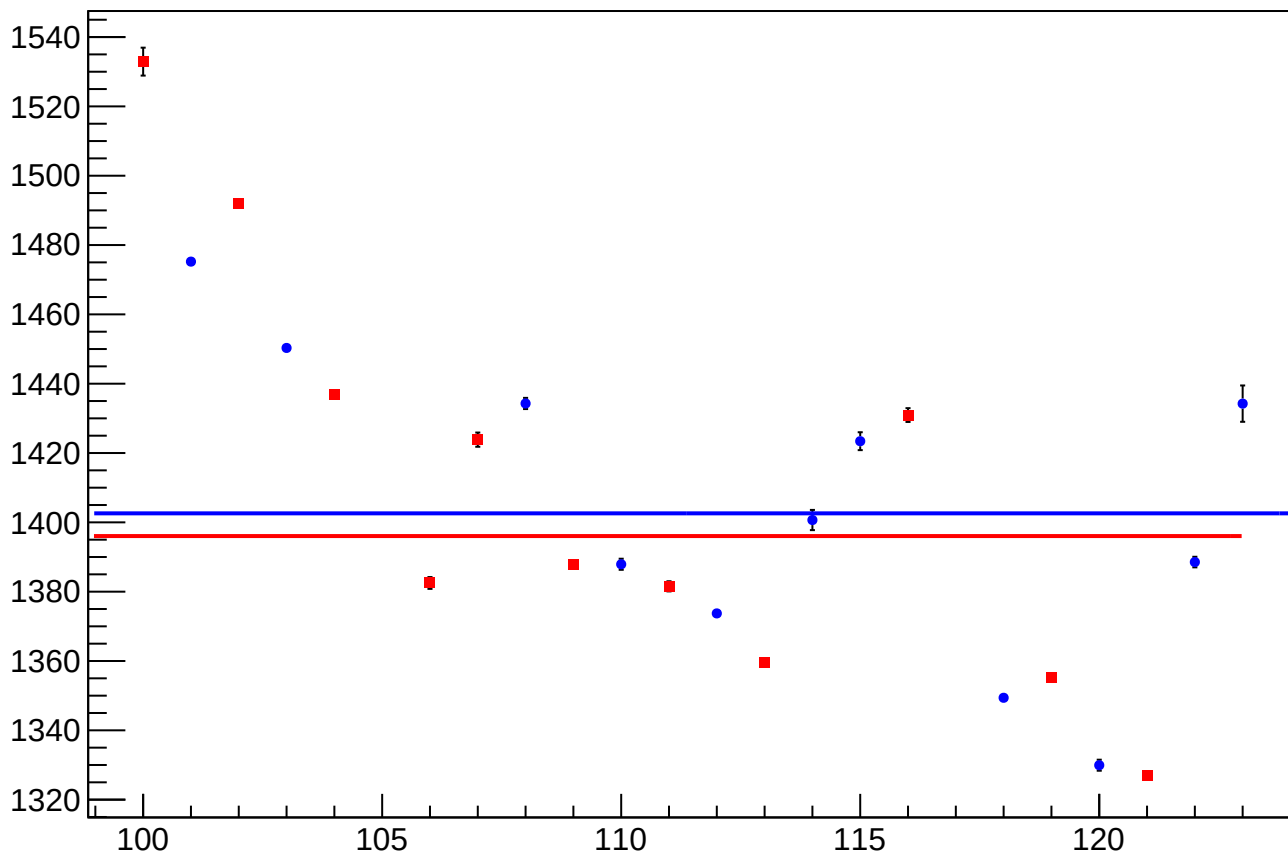
Right: -21.943 ± 0.471 $\chi^2/\text{NDF}: 4350.3/21$

In: -38.099 ± 0.689 $\chi^2/\text{NDF}: 2694.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.943 ± 0.471 $\chi^2/\text{NDF}: 4350.3/21$

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1402.597+/-0.487 χ^2/NDF : 9371.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.043+/-0.457 χ^2/NDF : 12376.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

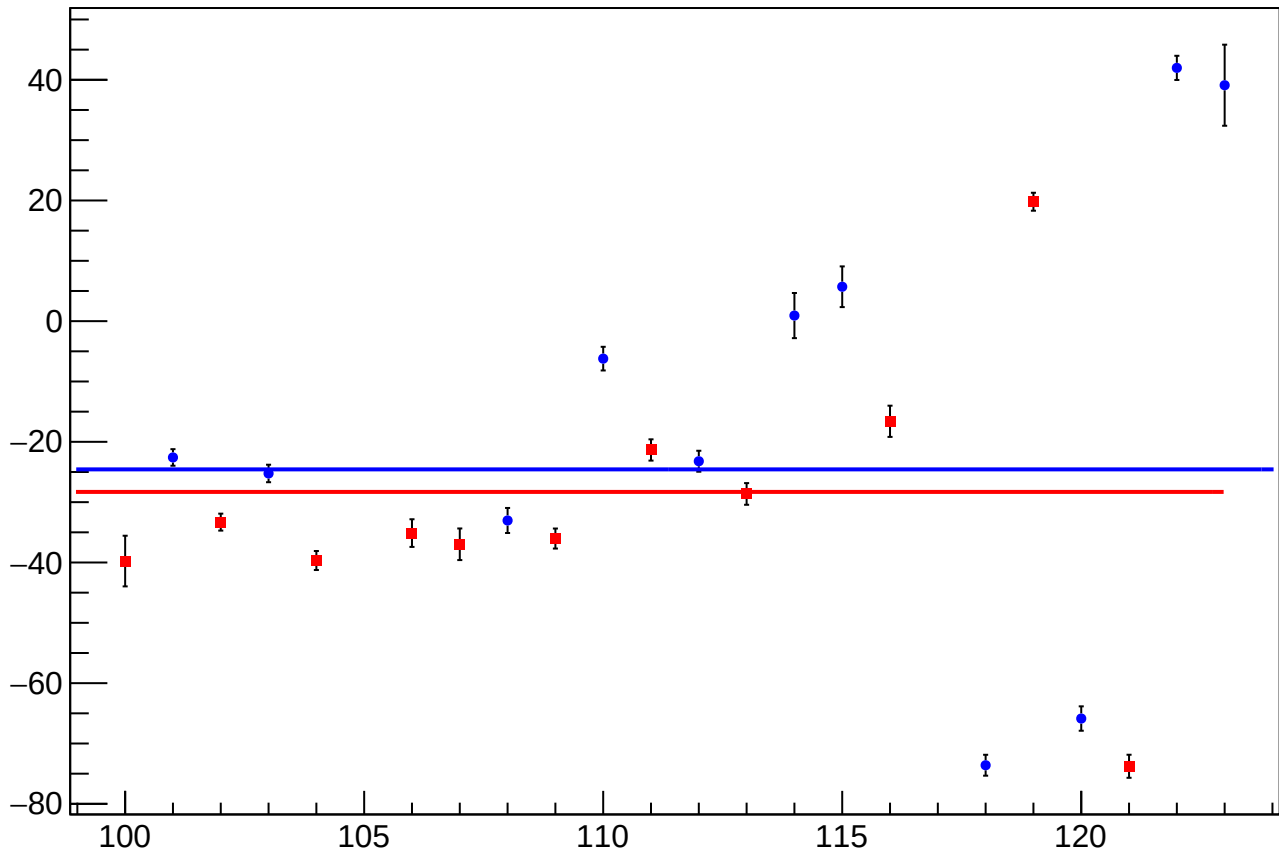
Right: 1399.108+/-0.333 χ^2/NDF : 21844.4/21

In: 1402.597+/-0.487 χ^2/NDF : 9371.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.108+/-0.333 χ^2/NDF : 21844.4/21

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -24.567+/-0.593 χ^2/NDF : 2645.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.301+/-0.561 χ^2/NDF : 1761.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

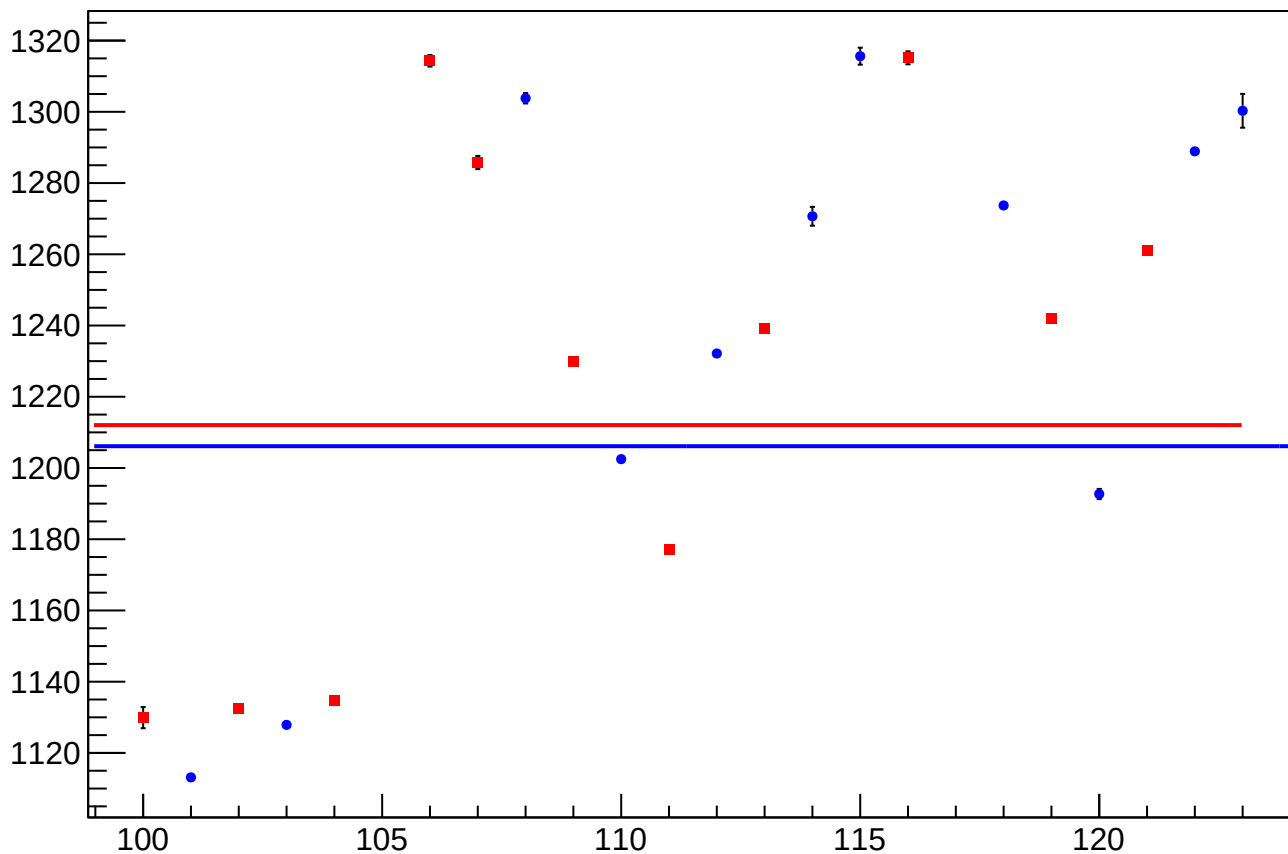
Right: -26.538+/-0.408 χ^2/NDF : 4426.9/21

In: -24.567+/-0.593 χ^2/NDF : 2645.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.538+/-0.408 χ^2/NDF : 4426.9/21

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1206.117 $\pm$ 0.420 χ^2 /NDF: 29533.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1212.042 $\pm$ 0.397 χ^2 /NDF: 24356.3/10

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

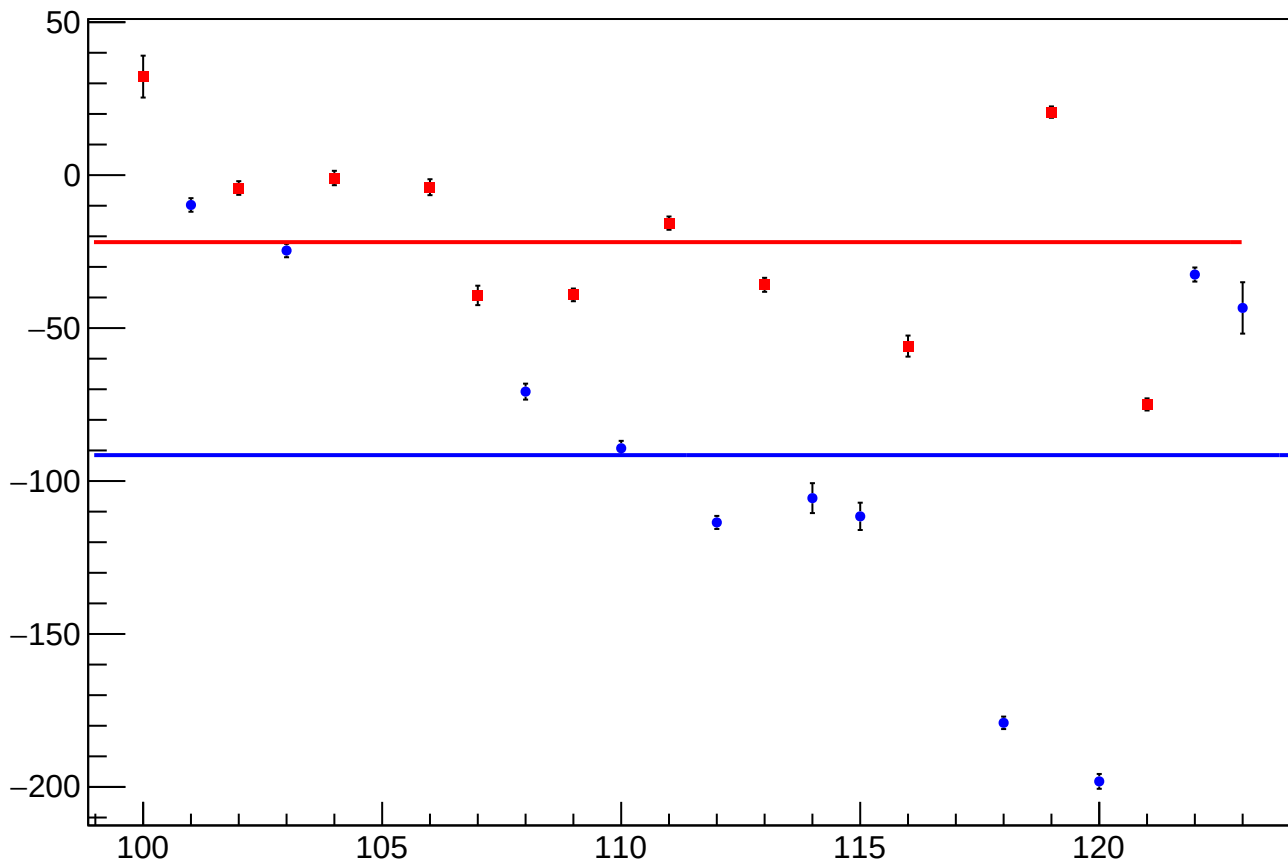
Right: 1209.244 $\pm$ 0.288 χ^2 /NDF: 53994.5/21

In: 1206.117 $\pm$ 0.420 χ^2 /NDF:29533.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1209.244 $\pm$ 0.288 χ^2 /NDF: 53994.5/21

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -91.533+/-0.778 χ^2/NDF : 6944.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.903+/-0.723 χ^2/NDF : 1733.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

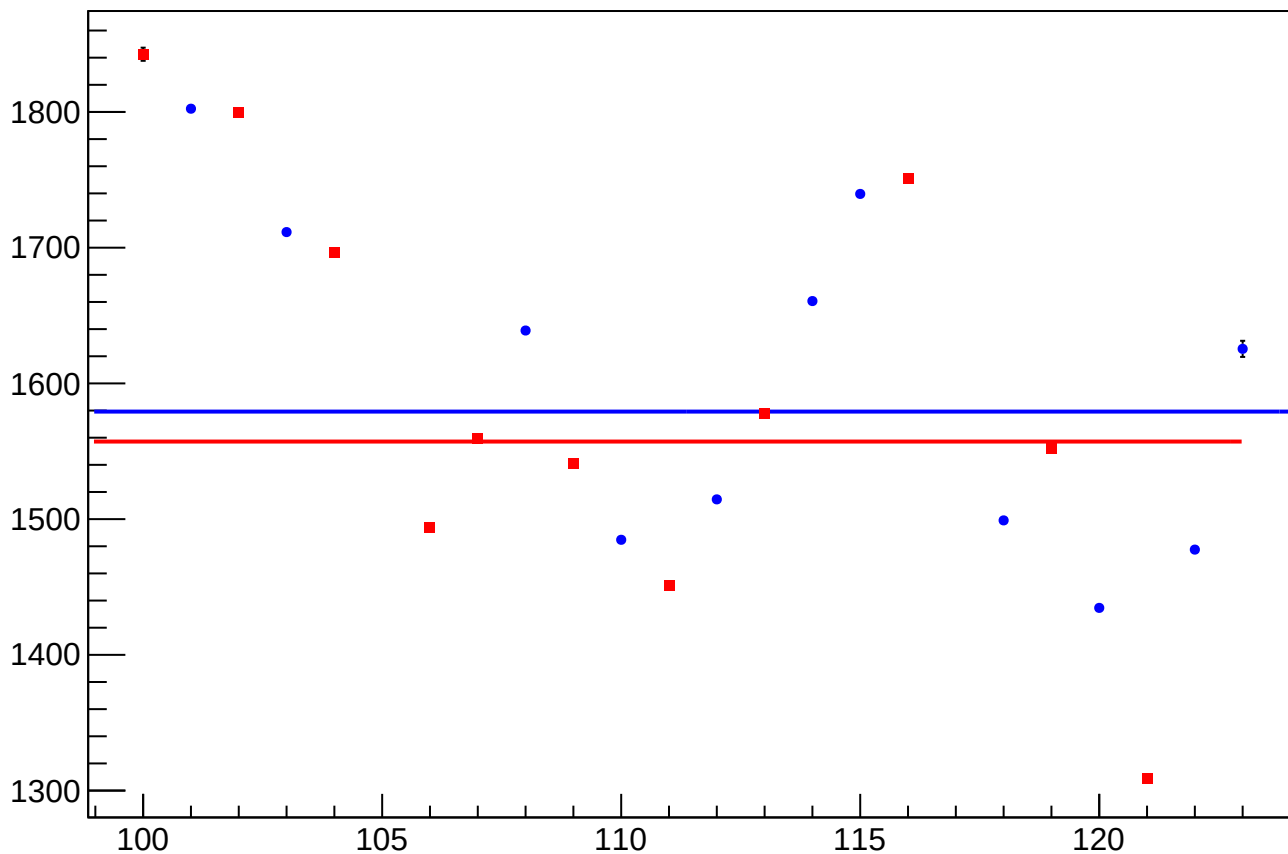
Right: -54.173+/-0.530 χ^2/NDF : 12973.6/21

In: -91.533+/-0.778 χ^2/NDF : 6944.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.173+/-0.530 χ^2/NDF : 12973.6/21

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1579.238 $\pm$ 0.550 χ^2 /NDF: 50622.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1557.160 $\pm$ 0.511 χ^2 /NDF: 78117.4/10

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

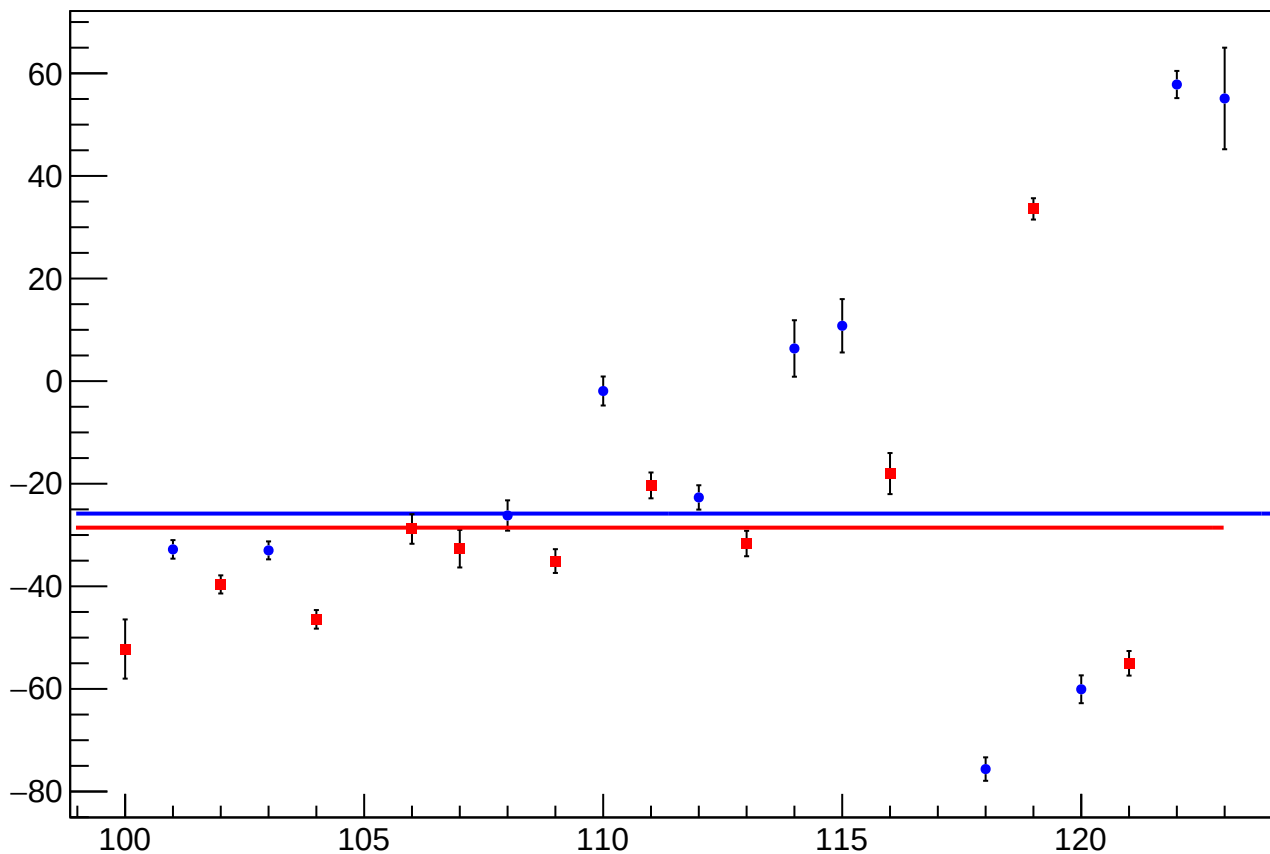
Right: 1567.392 $\pm$ 0.375 χ^2 /NDF: 129603.9/21

In: 1579.238 $\pm$ 0.550 χ^2 /NDF:50622.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1567.392 $\pm$ 0.375 χ^2 /NDF: 129603.9/21

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -25.821+/-0.791 χ^2/NDF : 1885.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -28.562+/-0.741 χ^2/NDF : 1197.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

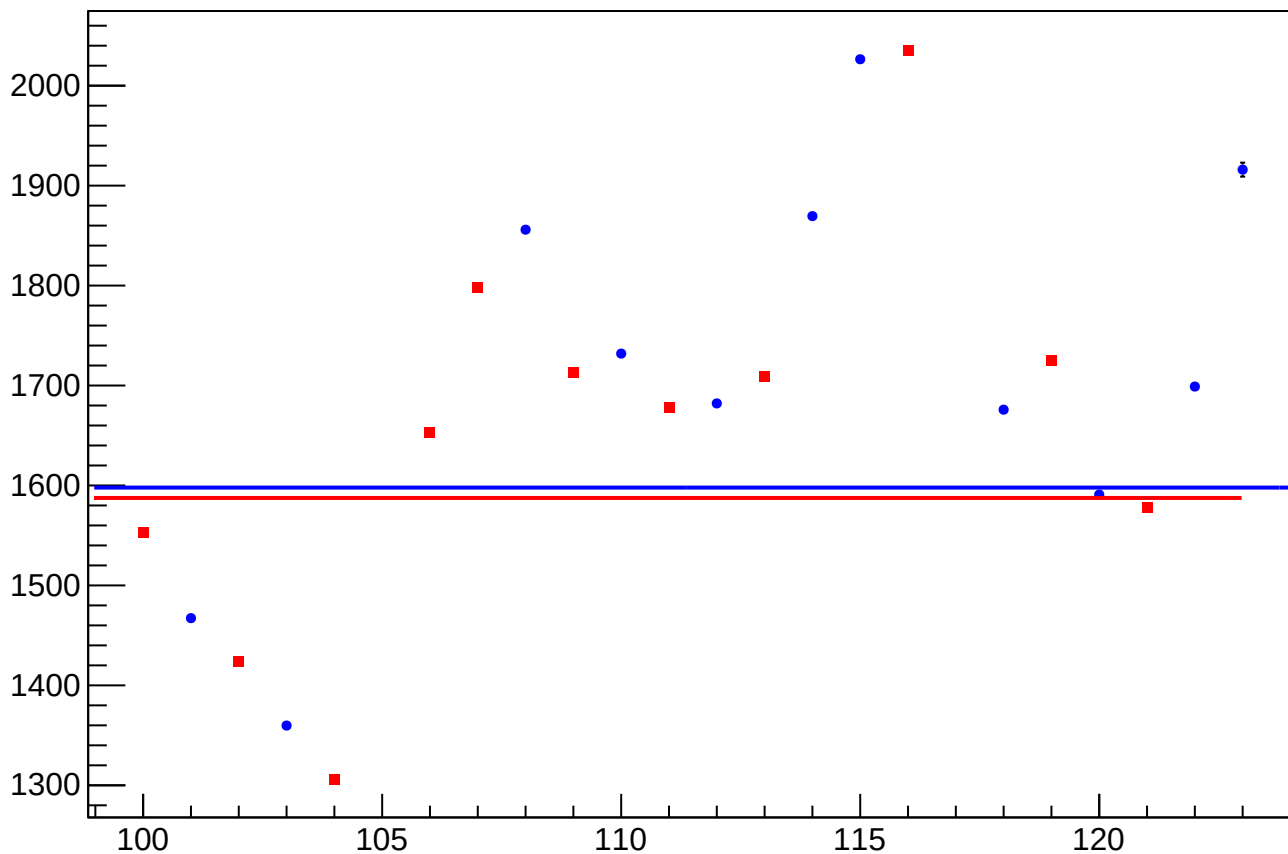
Right: -27.281+/-0.541 χ^2/NDF : 3089.3/21

In: -25.821+/-0.791 χ^2/NDF :1885.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.281+/-0.541 χ^2/NDF : 3089.3/21

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1597.879+/-0.559 χ^2/NDF : 95508.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.516+/-0.524 χ^2/NDF : 120054.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

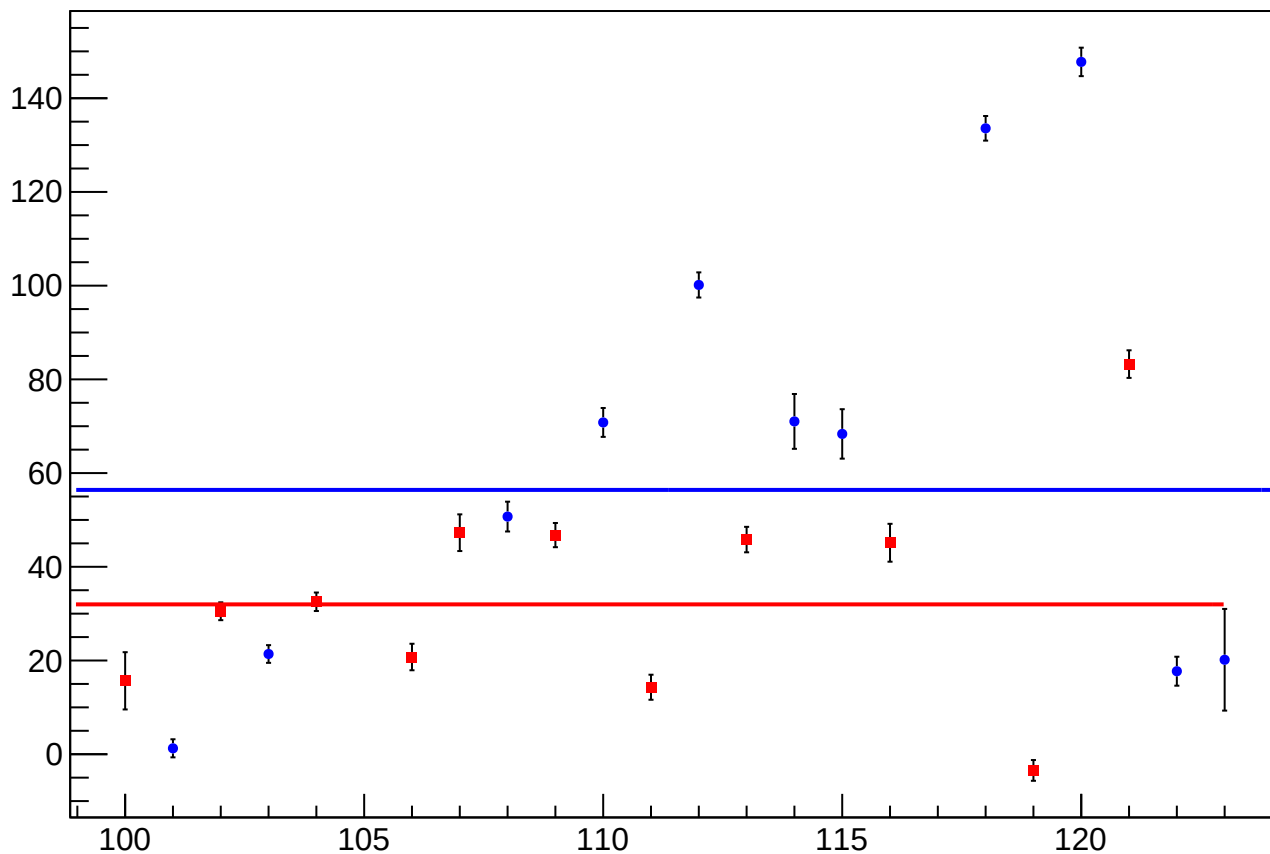
Right: 1592.358+/-0.382 χ^2/NDF : 215745.2/21

In: 1597.879+/-0.559 χ^2/NDF : 95508.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1592.358+/-0.382 χ^2/NDF : 215745.2/21

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 56.408+/-0.869 χ^2 /NDF: 3396.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.980+/-0.802 χ^2 /NDF: 710.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

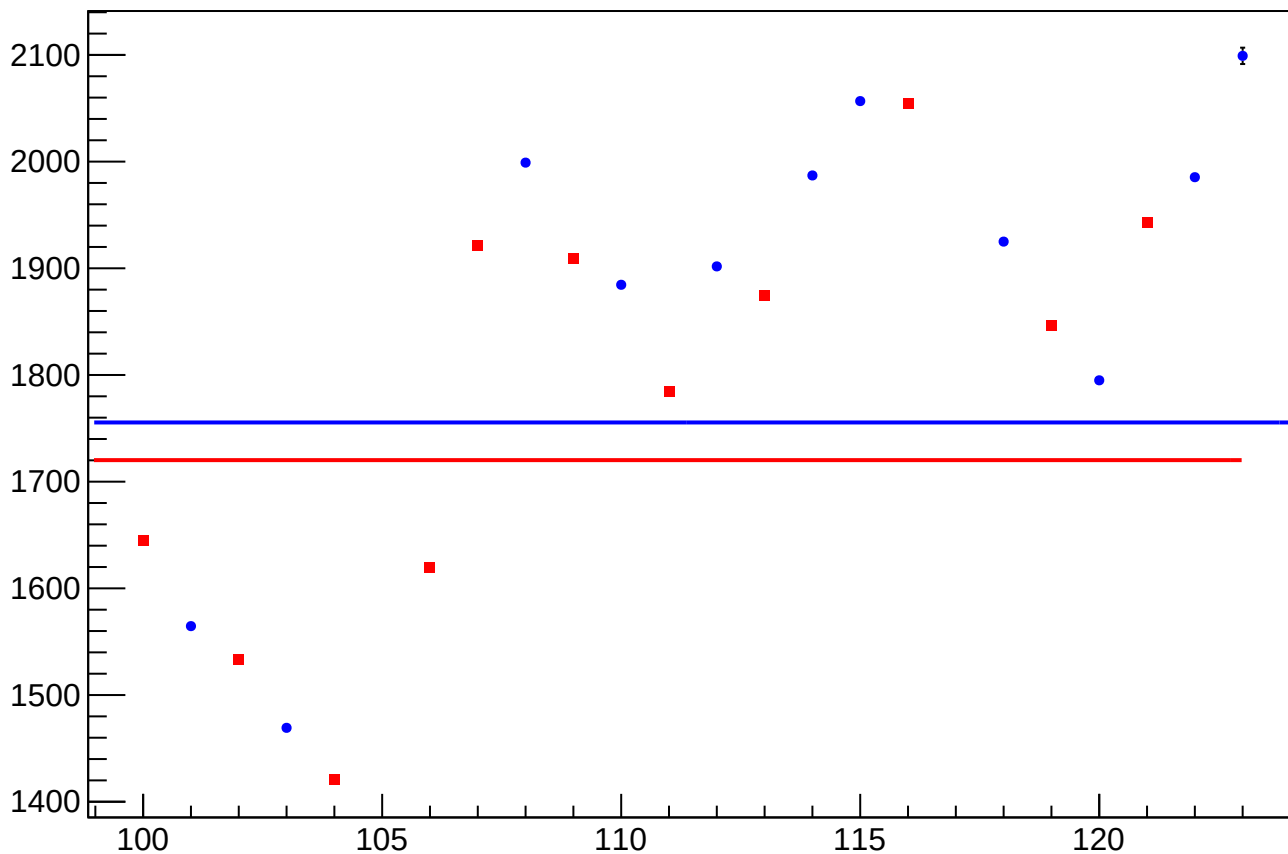
Right: 43.207+/-0.589 χ^2 /NDF: 4534.0/21

In: 56.408+/-0.869 χ^2 /NDF:3396.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 43.207+/-0.589 χ^2 /NDF: 4534.0/21

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1755.497+/-0.615 χ^2/NDF : 117998.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.190+/-0.567 χ^2/NDF : 123226.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

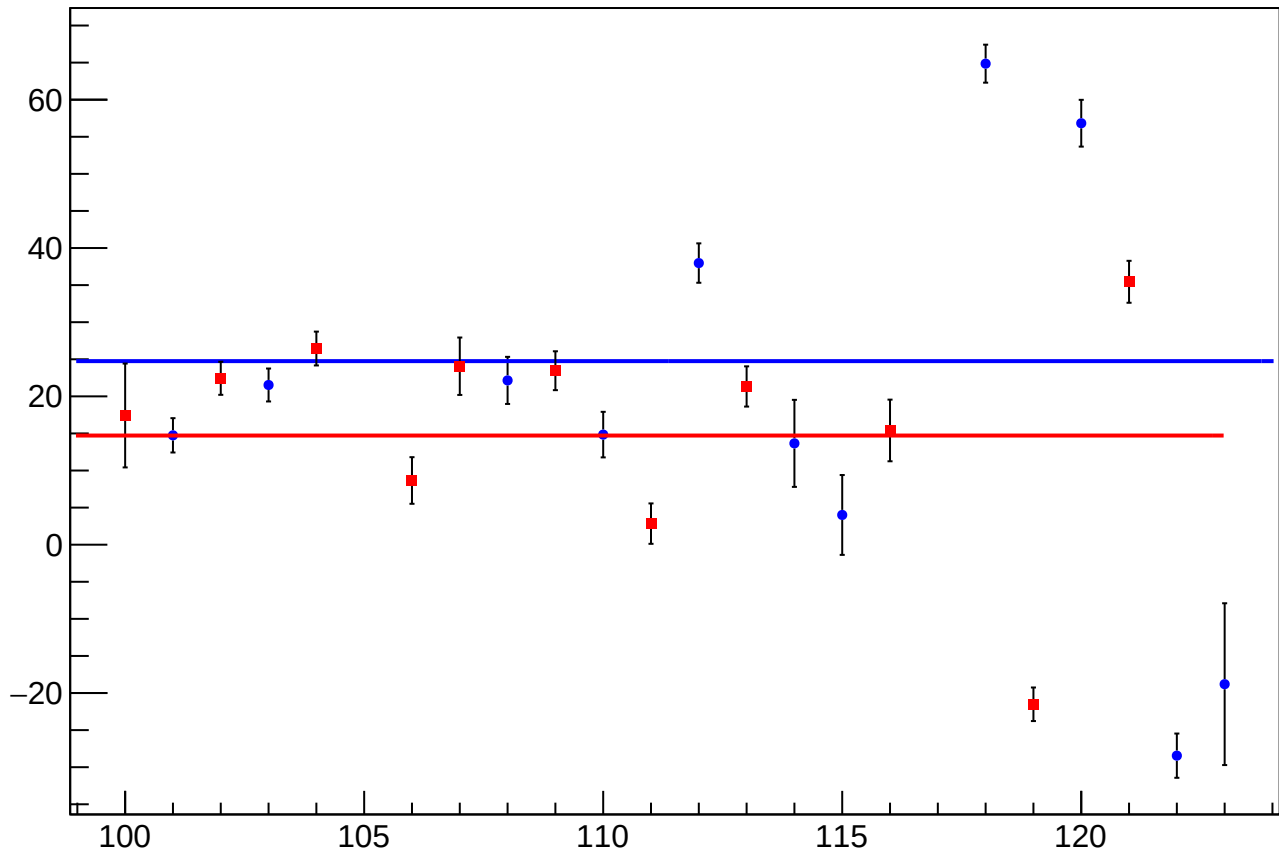
Right: 1736.417+/-0.417 χ^2/NDF : 243006.3/21

In: 1755.497+/-0.615 χ^2/NDF : 117998.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.417+/-0.417 χ^2/NDF : 243006.3/21

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 24.751+/-0.923 χ^2/NDF : 757.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.717+/-0.852 χ^2/NDF : 394.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

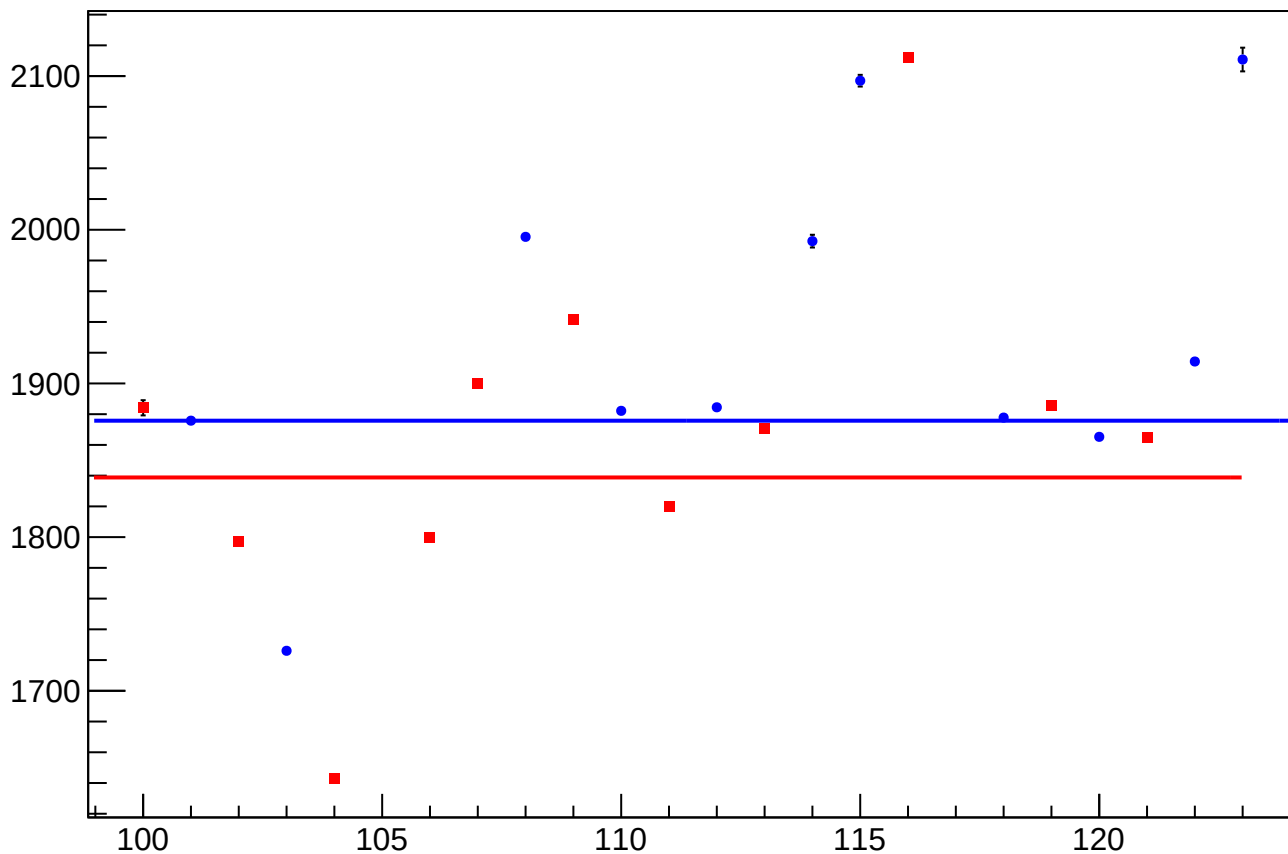
Right: 19.336+/-0.626 χ^2/NDF : 1215.6/21

In: 24.751+/-0.923 χ^2/NDF : 757.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.336+/-0.626 χ^2/NDF : 1215.6/21

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1875.760+/-0.653 χ^2/NDF : 17419.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1838.823+/-0.603 χ^2/NDF : 29438.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

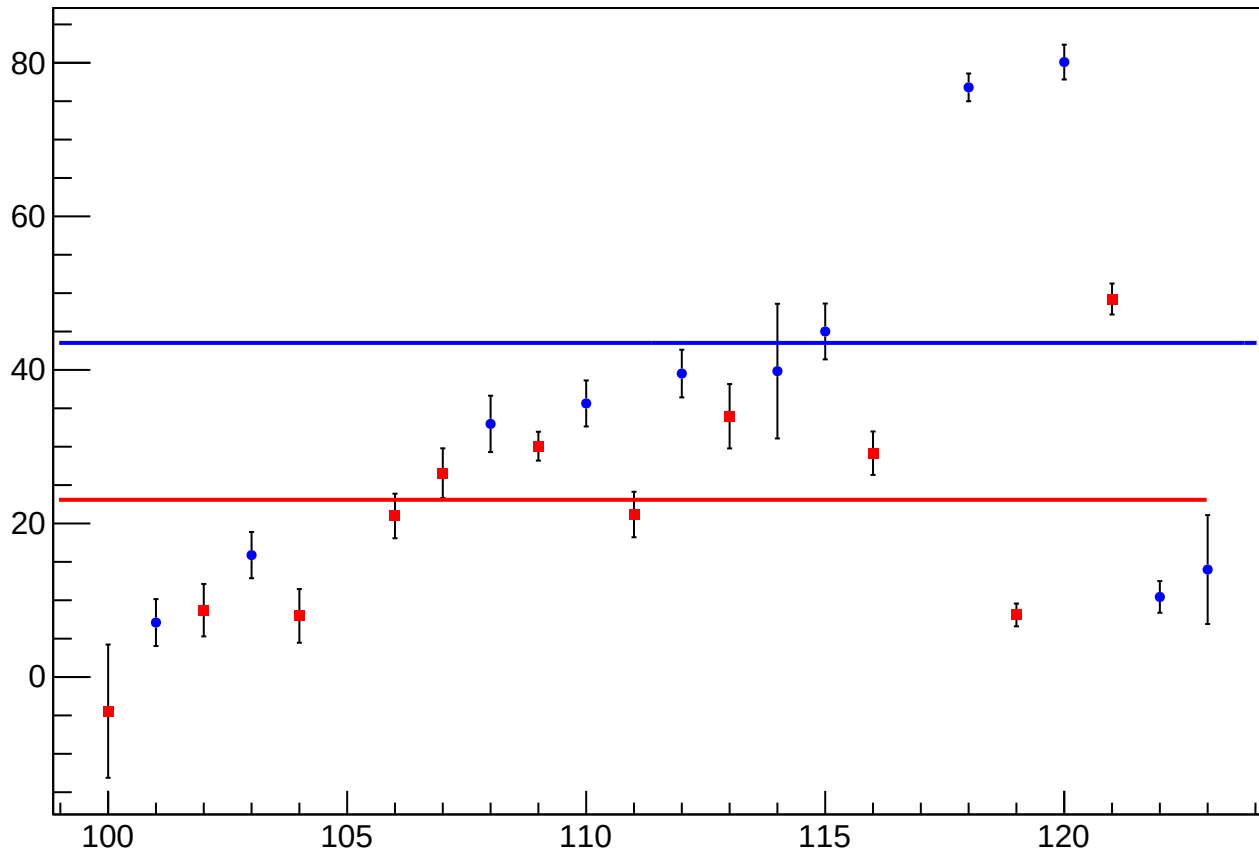
Right: 1855.825+/-0.443 χ^2/NDF : 48586.5/21

In: 1875.760+/-0.653 χ^2/NDF : 17419.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.825+/-0.443 χ^2/NDF : 48586.5/21

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 43.519+/-0.861 χ^2/NDF : 1117.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.086+/-0.773 χ^2/NDF : 343.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

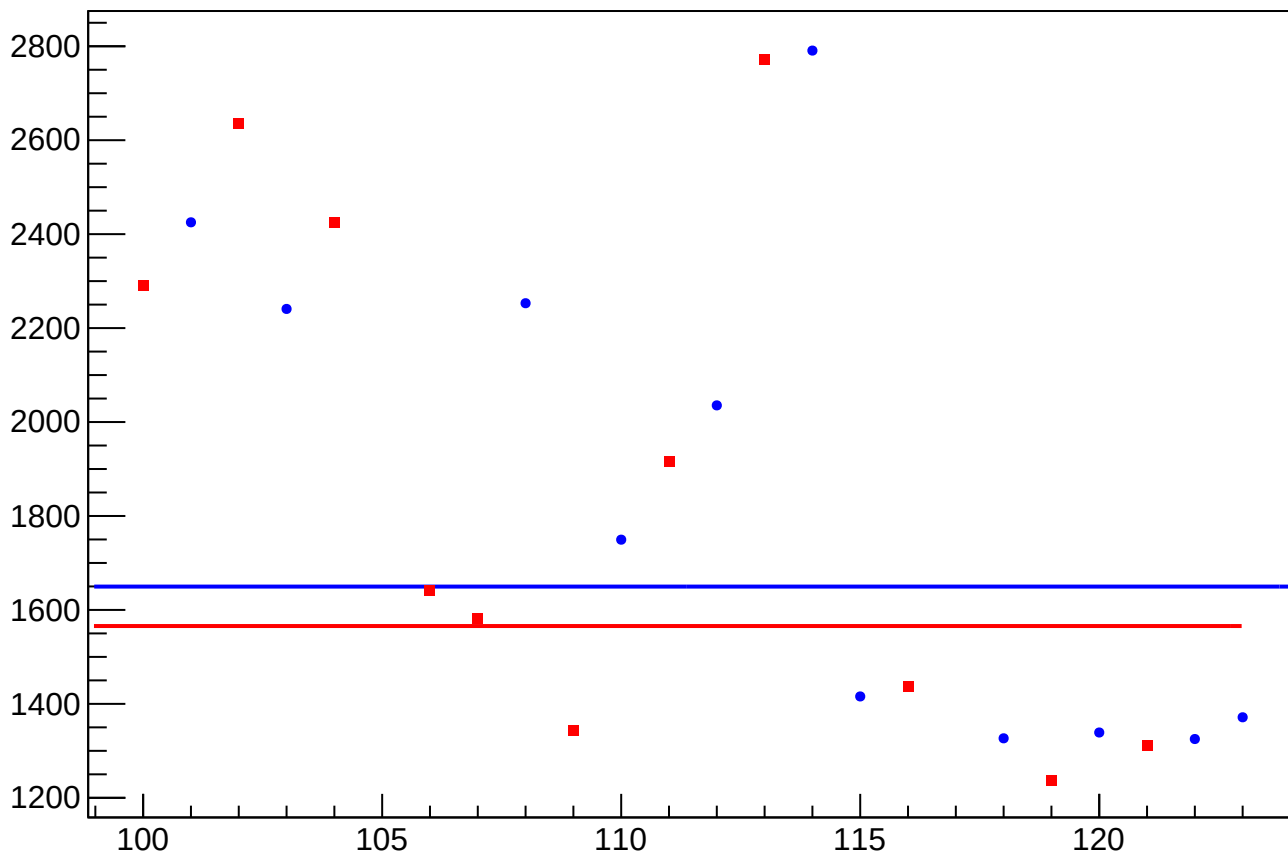
Right: 32.211+/-0.575 χ^2/NDF : 1772.8/21

In: 43.519+/-0.861 χ^2/NDF : 1117.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.211+/-0.575 χ^2/NDF : 1772.8/21

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1649.698+/-0.608 χ^2/NDF : 488859.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1565.703+/-0.547 χ^2/NDF : 687622.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

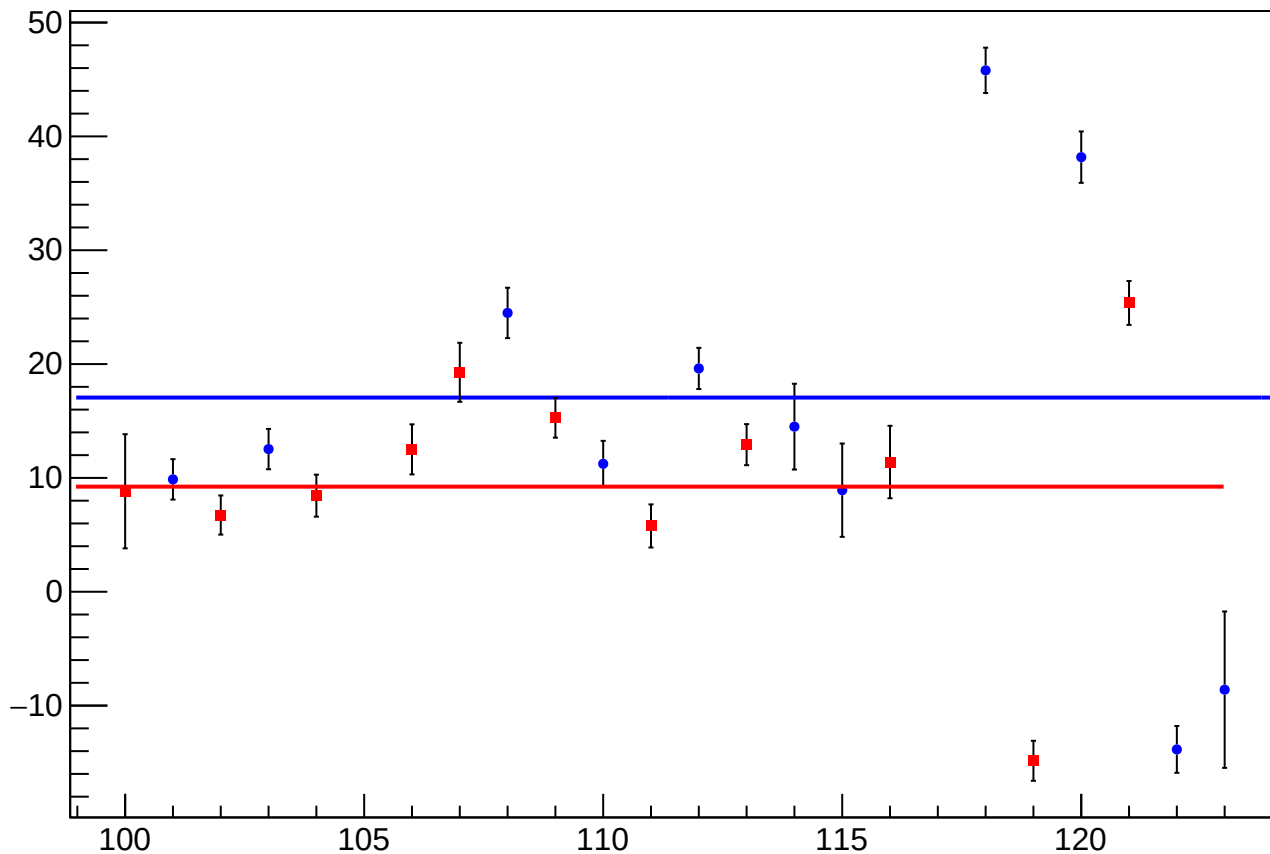
Right: 1603.212+/-0.407 χ^2/NDF : 1187027.9/21

In: 1649.698+/-0.608 χ^2/NDF : 488859.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.212+/-0.407 χ^2/NDF : 1187027.9/21

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 17.059+/-0.670 χ^2/NDF : 584.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.234+/-0.616 χ^2/NDF : 297.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

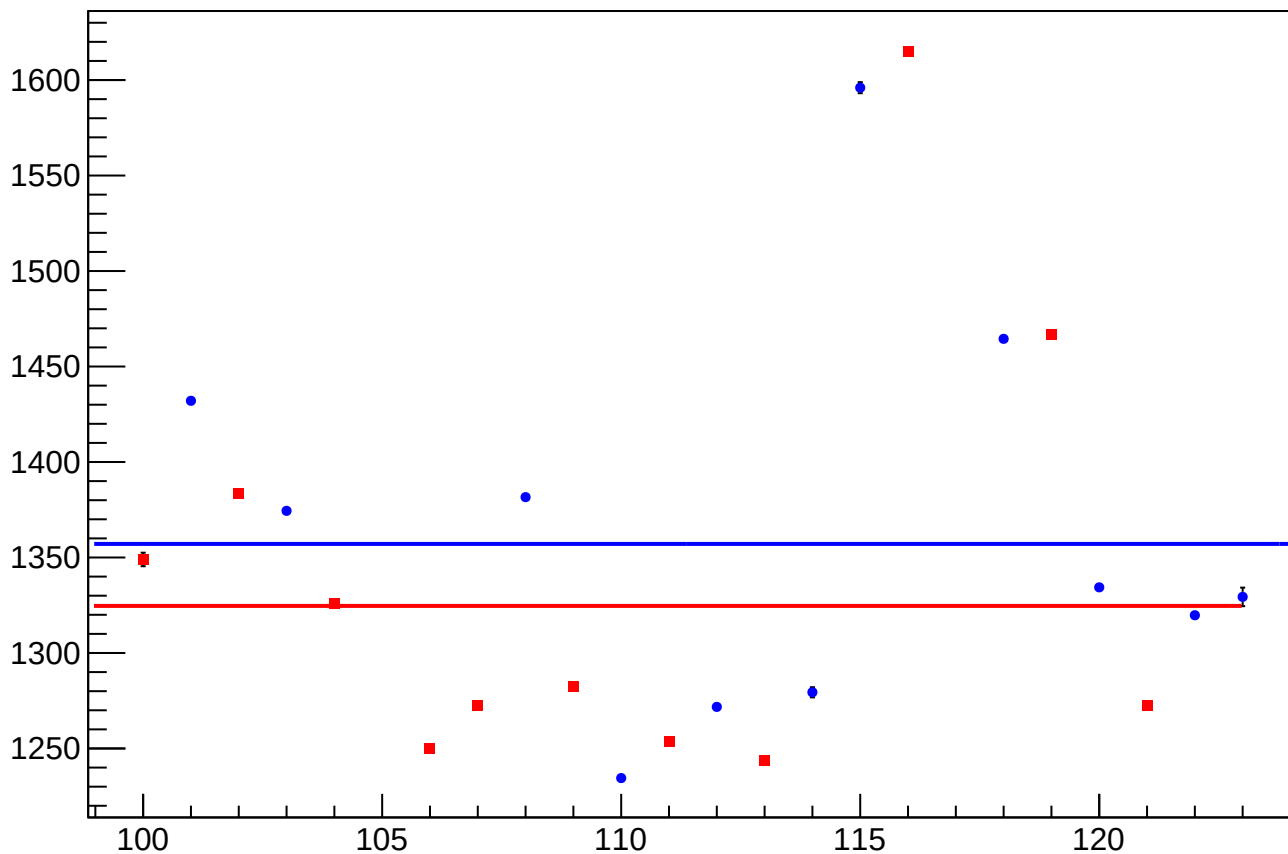
Right: 12.818+/-0.453 χ^2/NDF : 956.3/21

In: 17.059+/-0.670 χ^2/NDF : 584.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.818+/-0.453 χ^2/NDF : 956.3/21

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1357.113+/-0.474 χ^2/NDF : 30205.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.649+/-0.435 χ^2/NDF : 44743.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

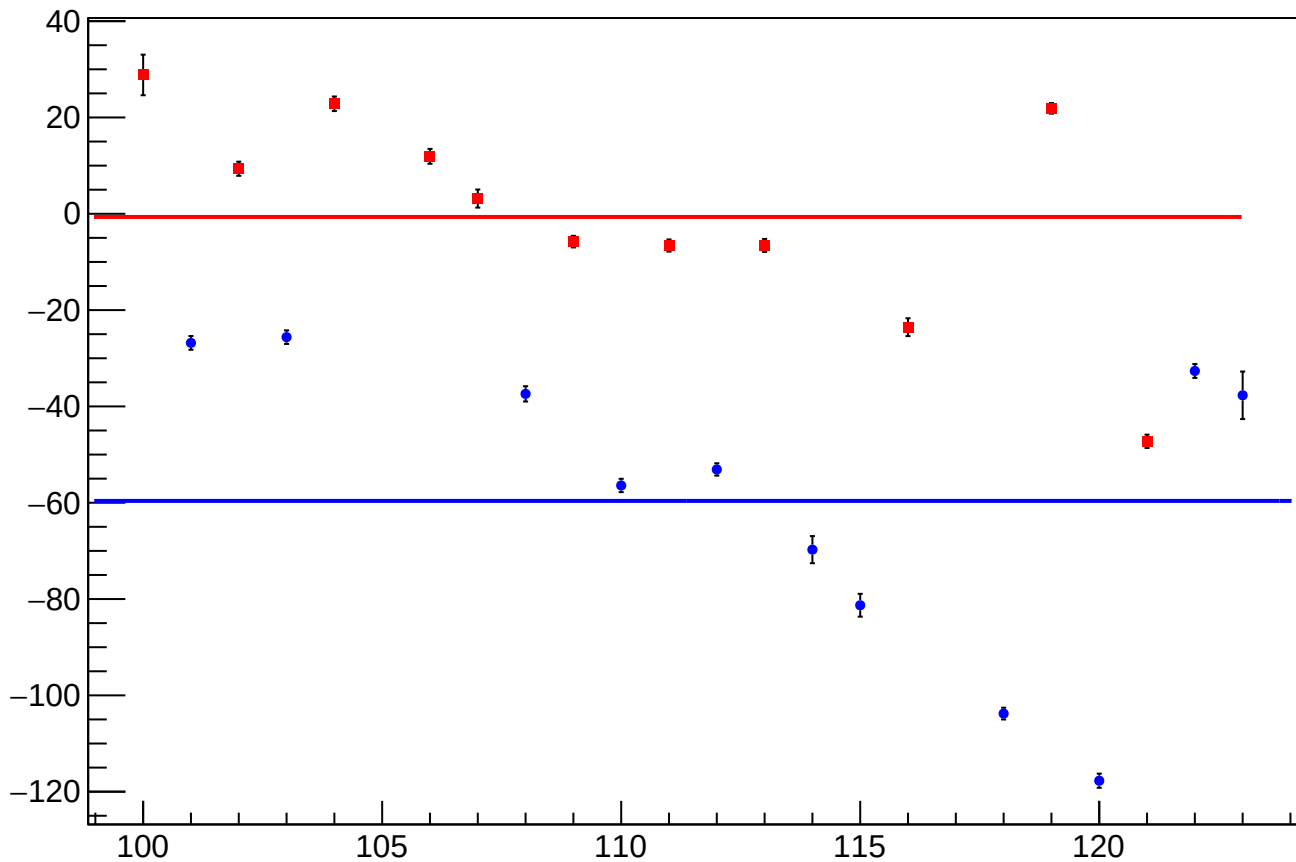
Right: 1339.518+/-0.321 χ^2/NDF : 77493.9/21

In: 1357.113+/-0.474 χ^2/NDF : 30205.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.518+/-0.321 χ^2/NDF : 77493.9/21

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -59.621+/-0.473 χ^2/NDF : 4666.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.656+/-0.440 χ^2/NDF : 2172.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

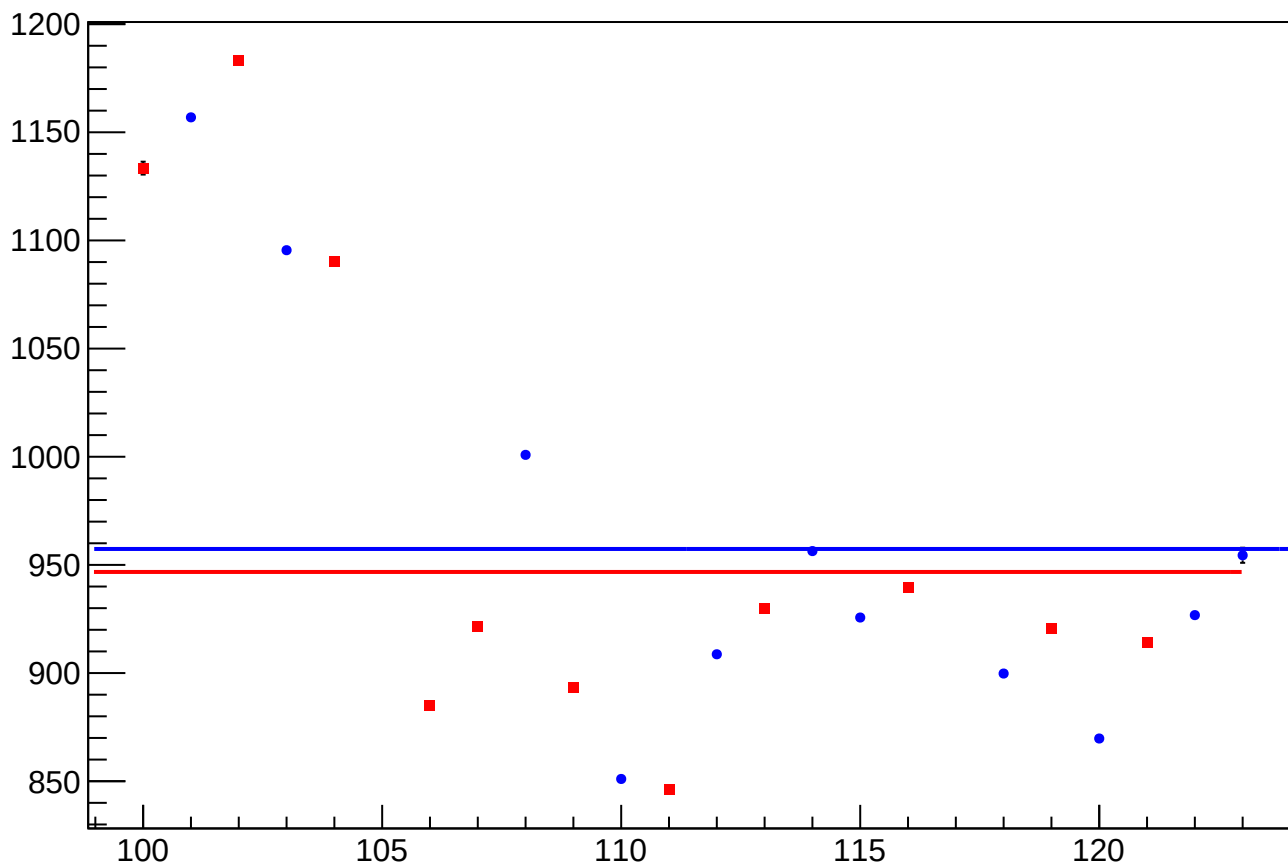
Right: -28.030+/-0.322 χ^2/NDF : 15170.6/21

In: -59.621+/-0.473 χ^2/NDF : 4666.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.030+/-0.322 χ^2/NDF : 15170.6/21

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 957.369+/-0.334 χ^2/NDF : 87162.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.739+/-0.311 χ^2/NDF : 96366.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

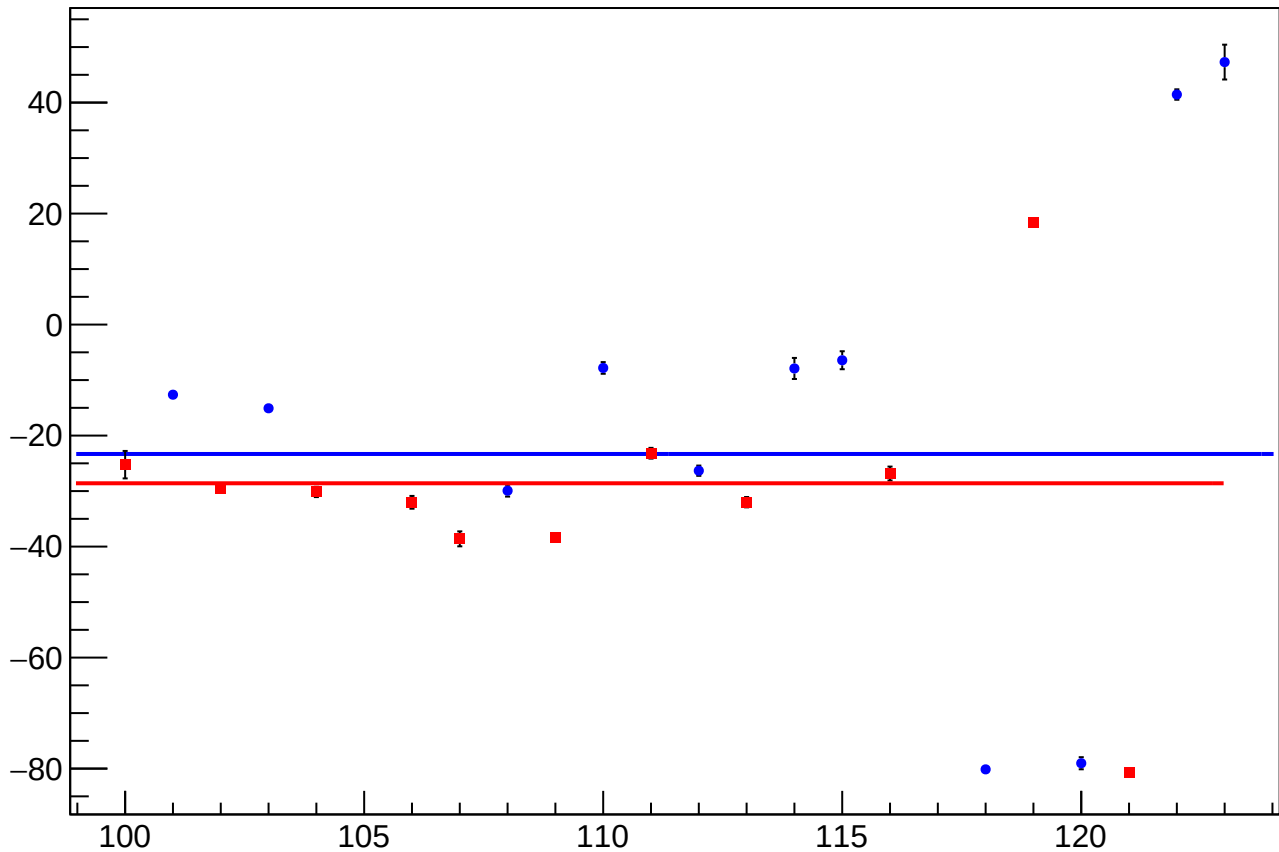
Right: 951.674+/-0.228 χ^2/NDF : 184069.9/21

In: 957.369+/-0.334 χ^2/NDF : 87162.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.674+/-0.228 χ^2/NDF : 184069.9/21

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -23.314 ± 0.319 χ^2/NDF : 12871.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.593 ± 0.298 χ^2/NDF : 7577.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

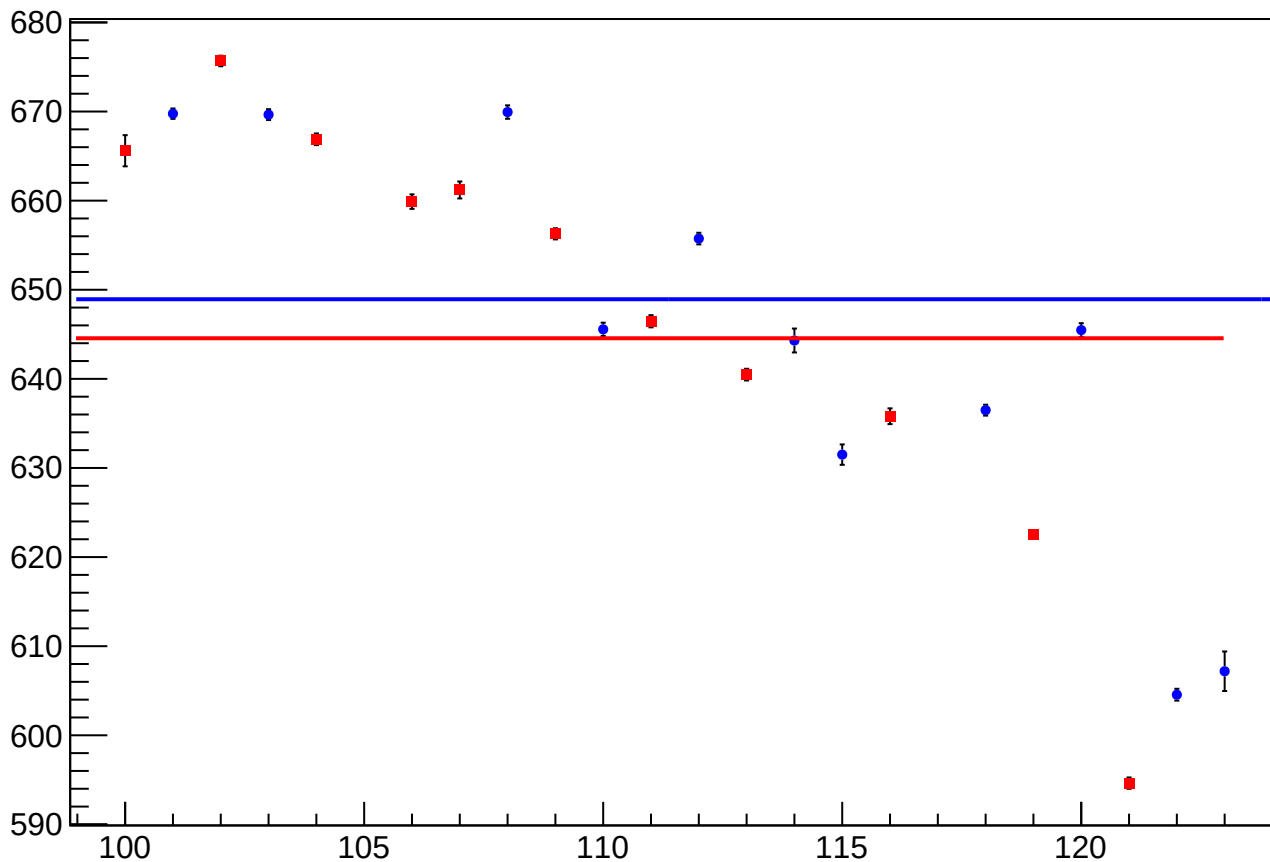
Right: -26.130 ± 0.218 χ^2/NDF : 20594.6/21

In: -23.314 ± 0.319 χ^2/NDF : 12871.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.130 ± 0.218 χ^2/NDF : 20594.6/21

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 648.934 $\pm$ 0.225 χ^2 /NDF: 8827.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 644.555 $\pm$ 0.211 χ^2 /NDF: 13121.8/10

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

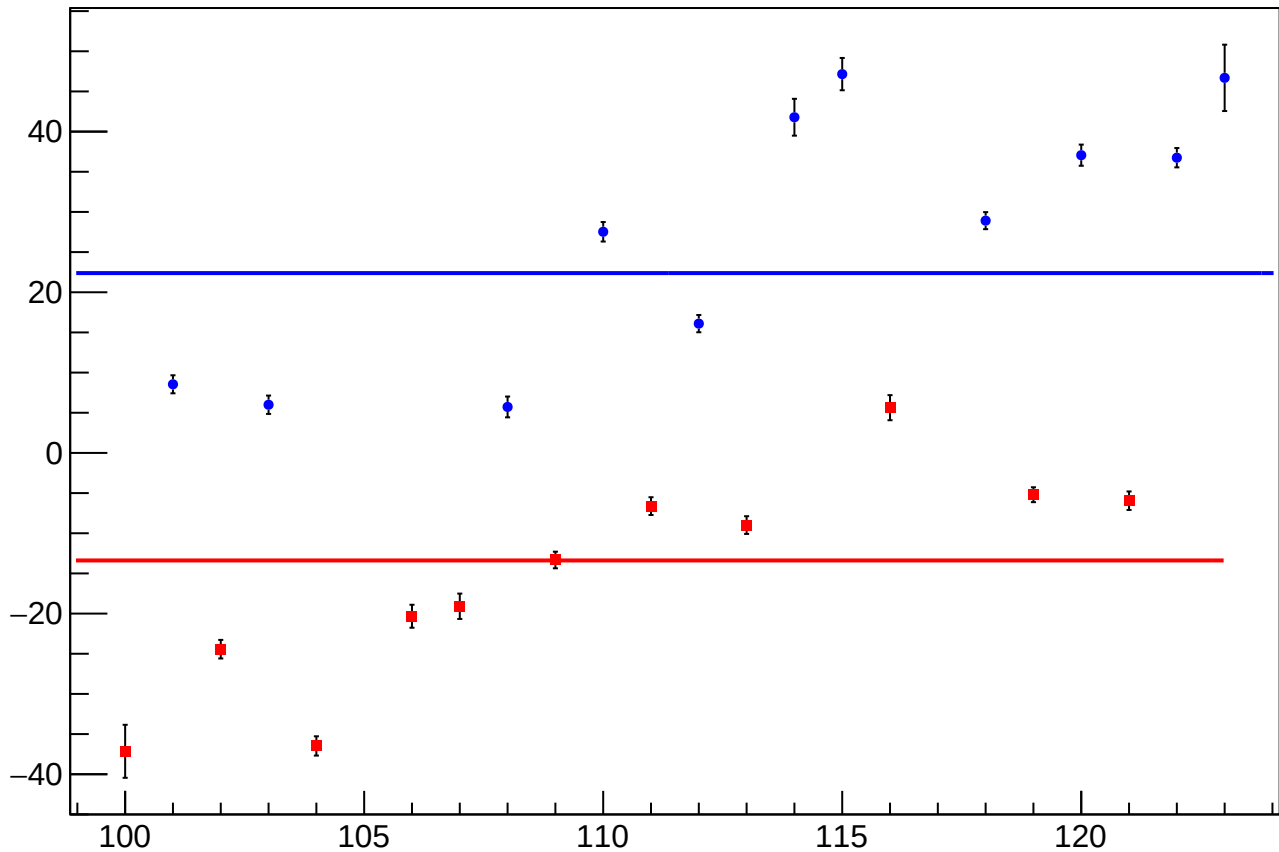
Right: 646.599 $\pm$ 0.154 χ^2 /NDF: 22150.6/21

In: 648.934 $\pm$ 0.225 χ^2 /NDF:8827.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 646.599 $\pm$ 0.154 χ^2 /NDF: 22150.6/21

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 22.387+/-0.397 χ^2/NDF : 1138.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.385+/-0.369 χ^2/NDF : 871.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

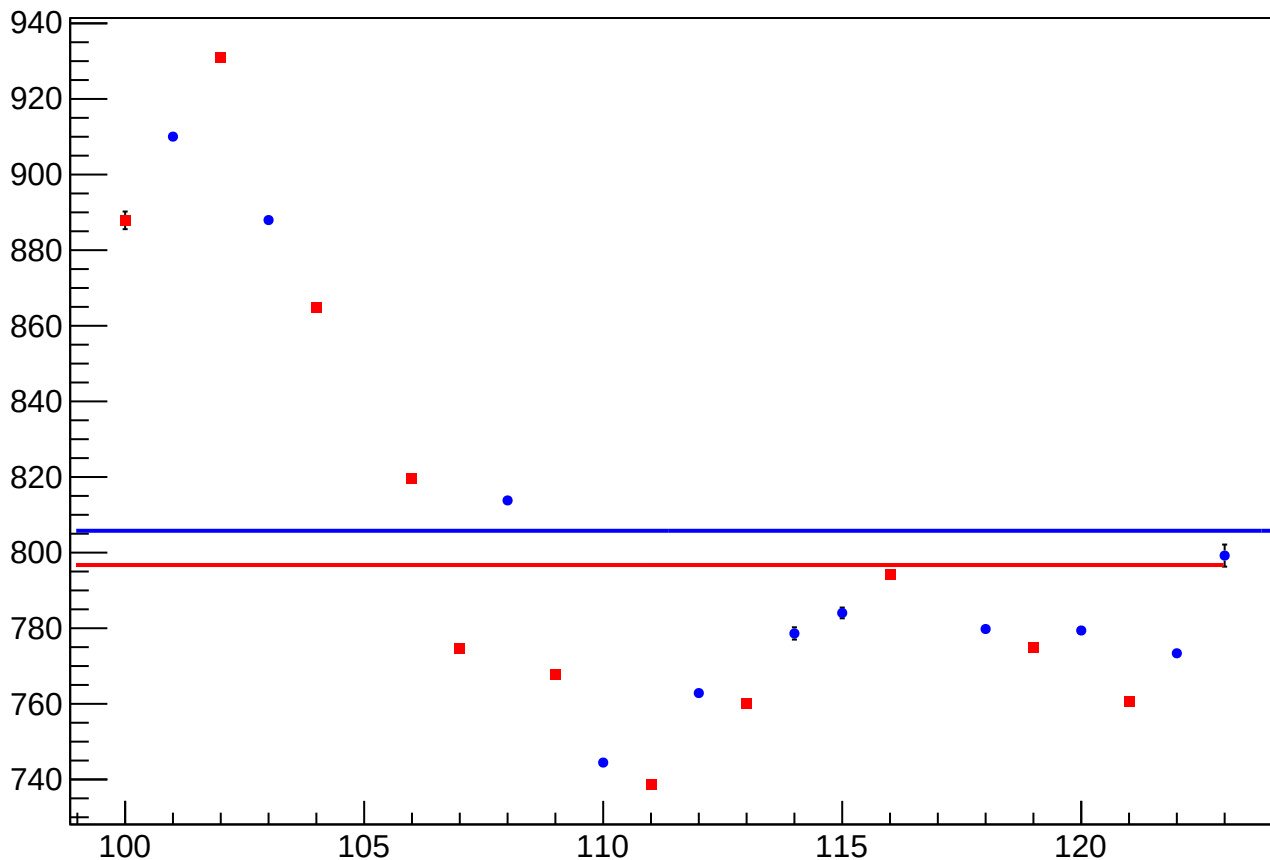
Right: 3.226+/-0.270 χ^2/NDF : 6364.6/21

In: 22.387+/-0.397 χ^2/NDF : 1138.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.226+/-0.270 χ^2/NDF : 6364.6/21

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 805.778 $\pm$ 0.281 χ^2 /NDF: 39942.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 796.719 $\pm$ 0.261 χ^2 /NDF: 48214.3/10

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

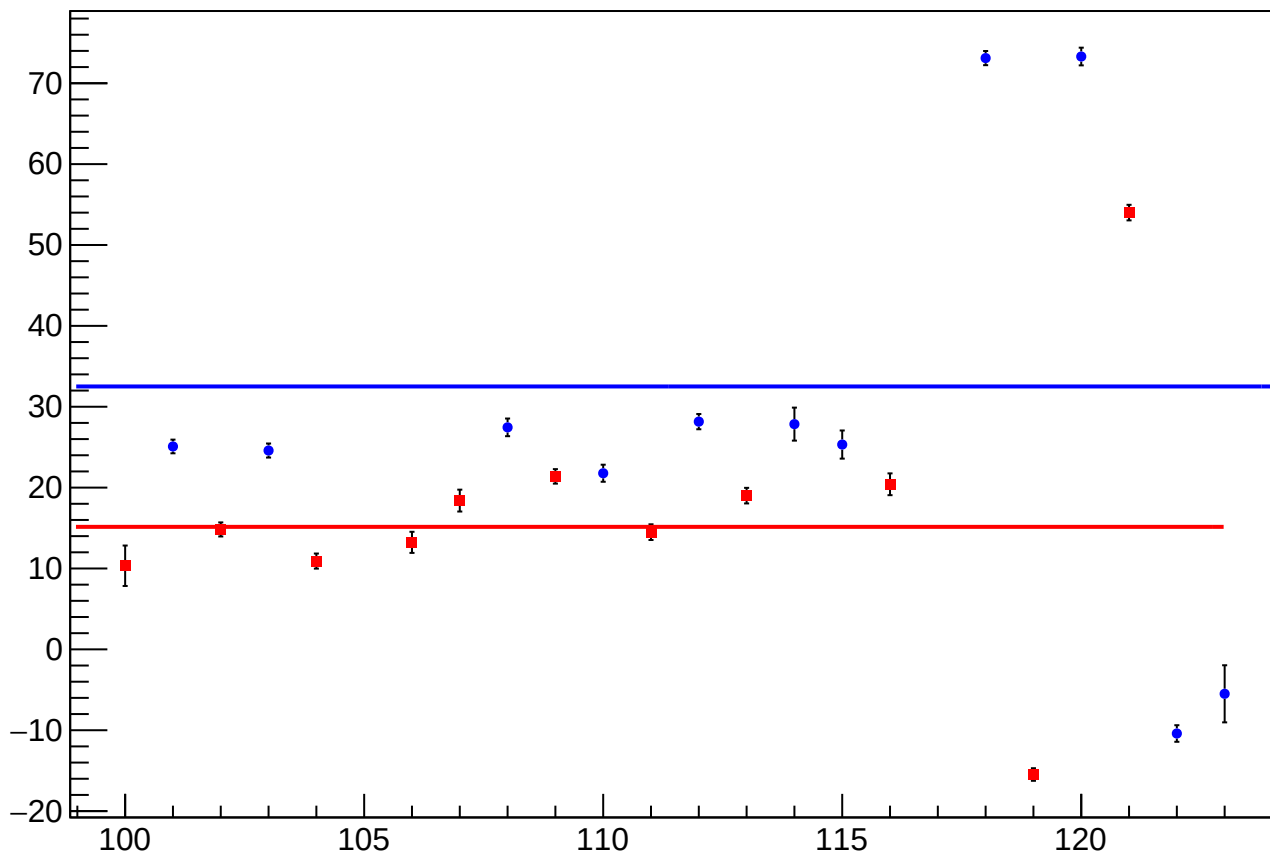
Right: 800.926 $\pm$ 0.191 χ^2 /NDF: 88715.3/21

In: 805.778 $\pm$ 0.281 χ^2 /NDF:39942.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 800.926 $\pm$ 0.191 χ^2 /NDF: 88715.3/21

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.507+/-0.328 χ^2/NDF : 5733.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.148+/-0.310 χ^2/NDF : 3289.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

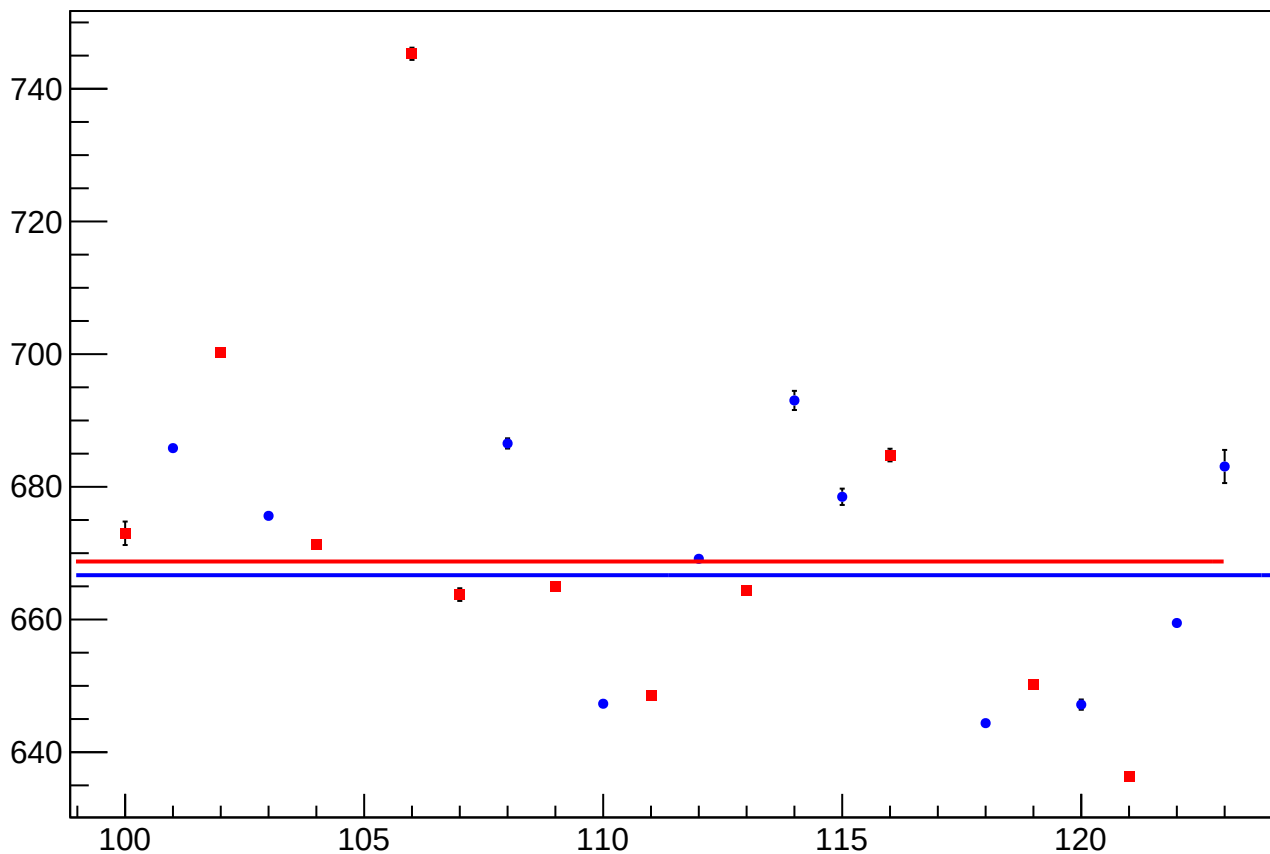
Right: 23.338+/-0.225 χ^2/NDF : 10507.1/21

In: 32.507+/-0.328 χ^2/NDF : 5733.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.338+/-0.225 χ^2/NDF : 10507.1/21

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.681 $\pm$ 0.232 χ^2 /NDF: 5085.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 668.745 $\pm$ 0.219 χ^2 /NDF: 14200.0/10

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

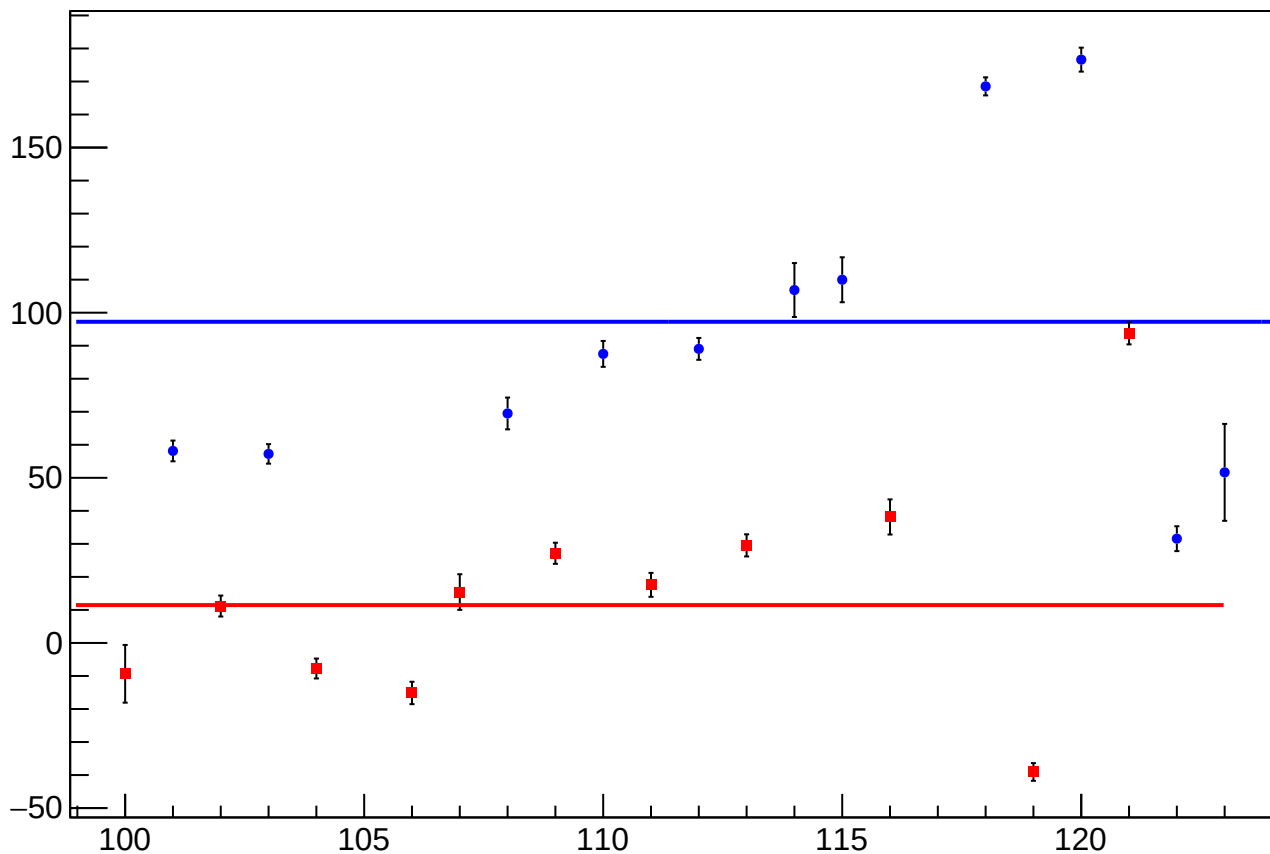
Right: 667.771 $\pm$ 0.159 χ^2 /NDF: 19327.7/21

In: 666.681 $\pm$ 0.232 χ^2 /NDF:5085.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 667.771 $\pm$ 0.159 χ^2 /NDF: 19327.7/21

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 97.250+/-1.165 χ^2/NDF : 1861.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.462+/-1.074 χ^2/NDF : 1128.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

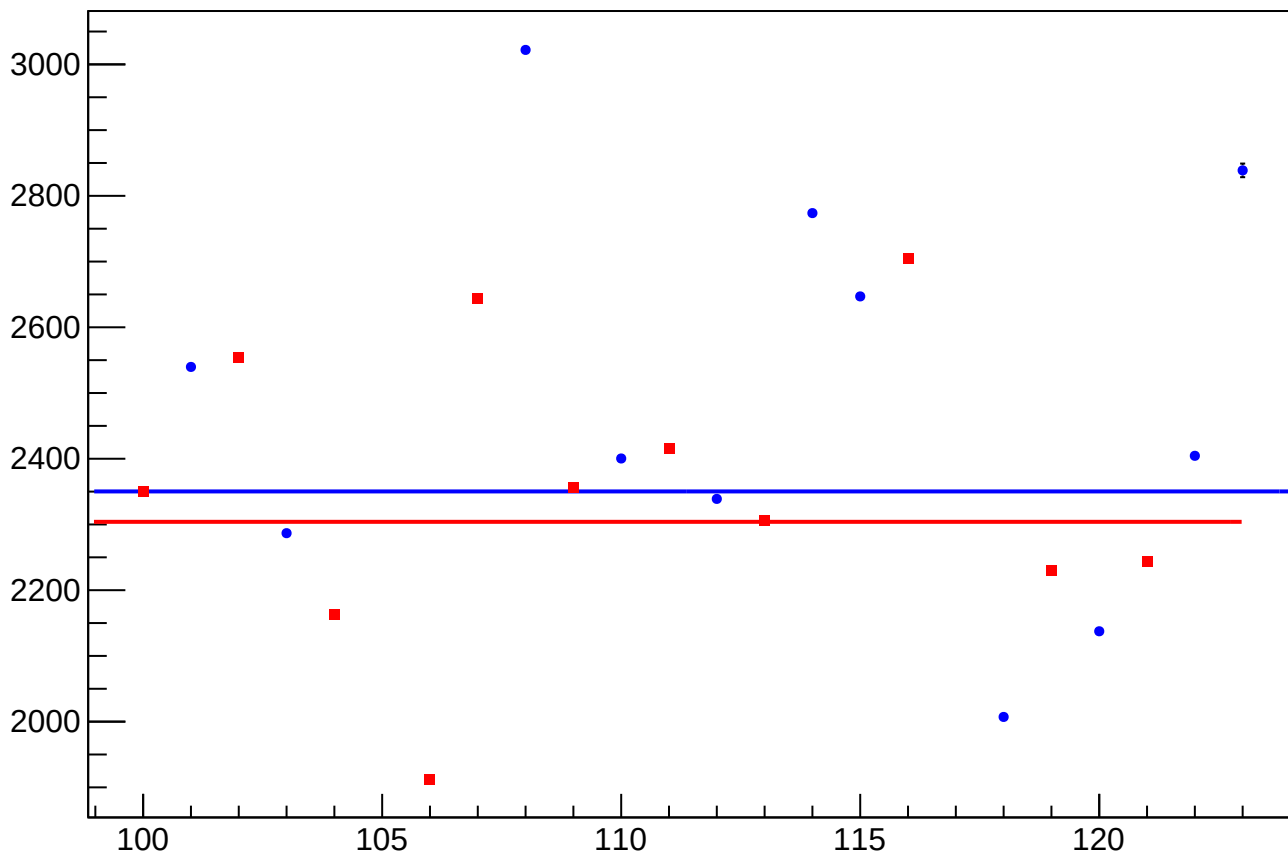
Right: 50.866+/-0.789 χ^2/NDF : 5923.2/21

In: 97.250+/-1.165 χ^2/NDF : 1861.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.866+/-0.789 χ^2/NDF : 5923.2/21

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2350.269+/-0.824 χ^2/NDF : 97708.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2304.015+/-0.759 χ^2/NDF : 67265.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

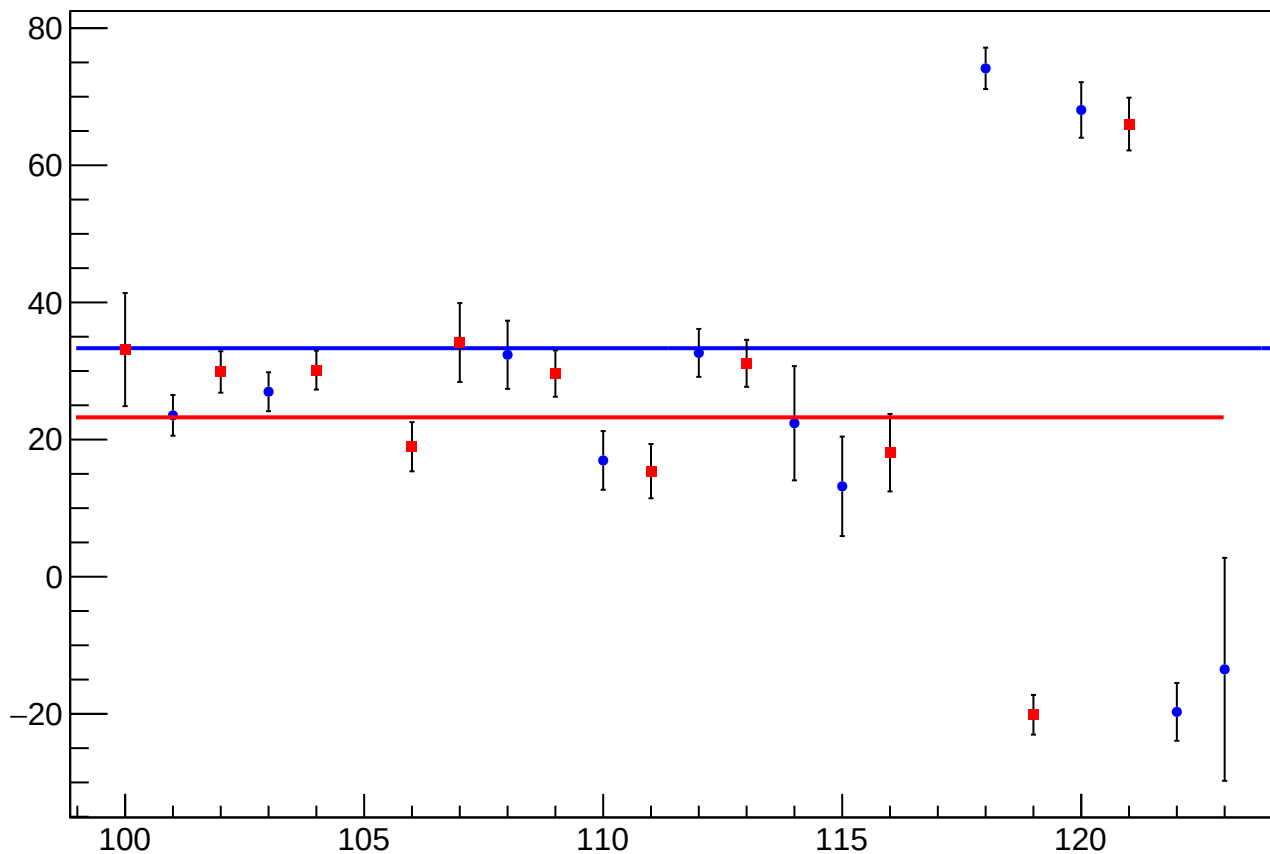
Right: 2325.261+/-0.558 χ^2/NDF : 166679.3/21

In: 2350.269+/-0.824 χ^2/NDF : 97708.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2325.261+/-0.558 χ^2/NDF : 166679.3/21

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 33.325+/-1.214 χ^2/NDF : 462.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.245+/-1.111 χ^2/NDF : 378.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

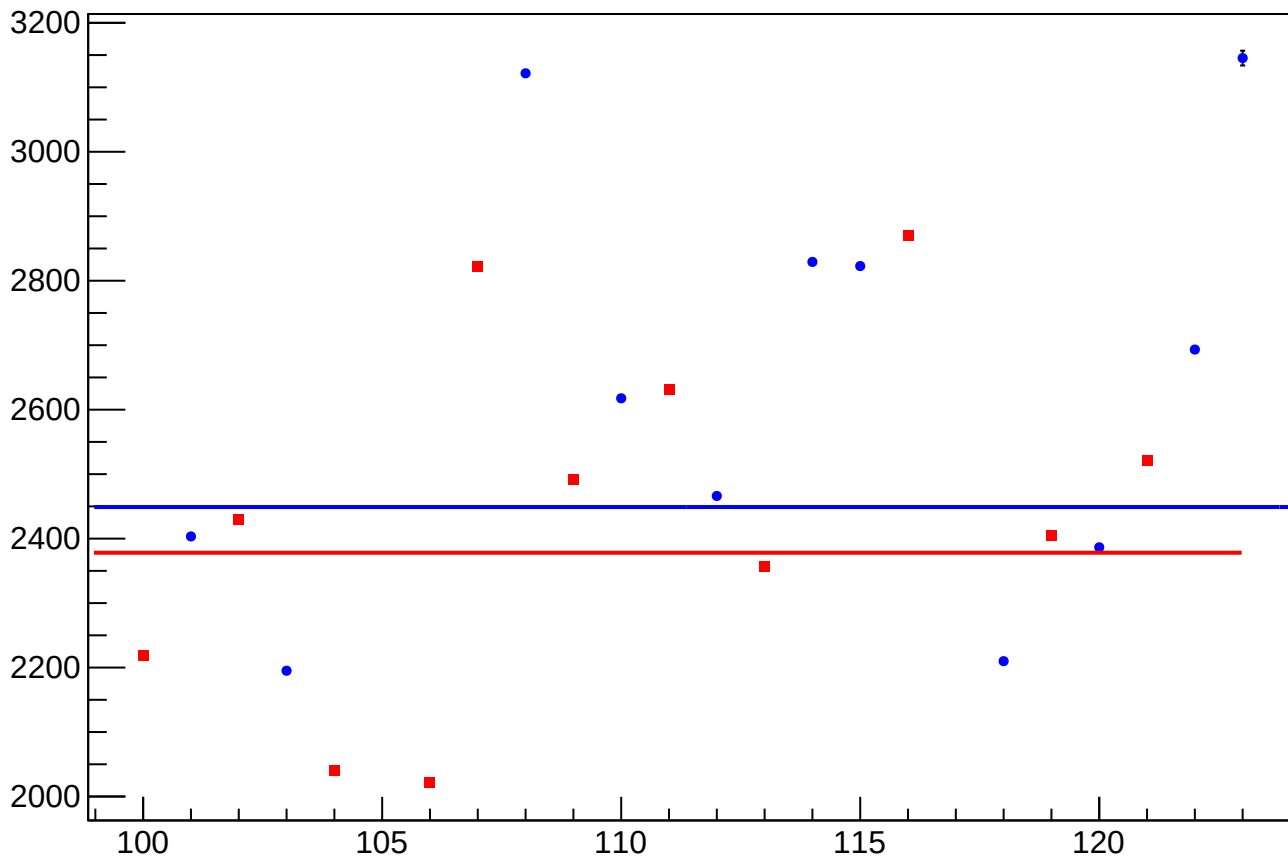
Right: 27.839+/-0.819 χ^2/NDF : 879.0/21

In: 33.325+/-1.214 χ^2/NDF : 462.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.839+/-0.819 χ^2/NDF : 879.0/21

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2449.014+/-0.858 χ^2/NDF : 89152.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2378.111+/-0.785 χ^2/NDF : 89739.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

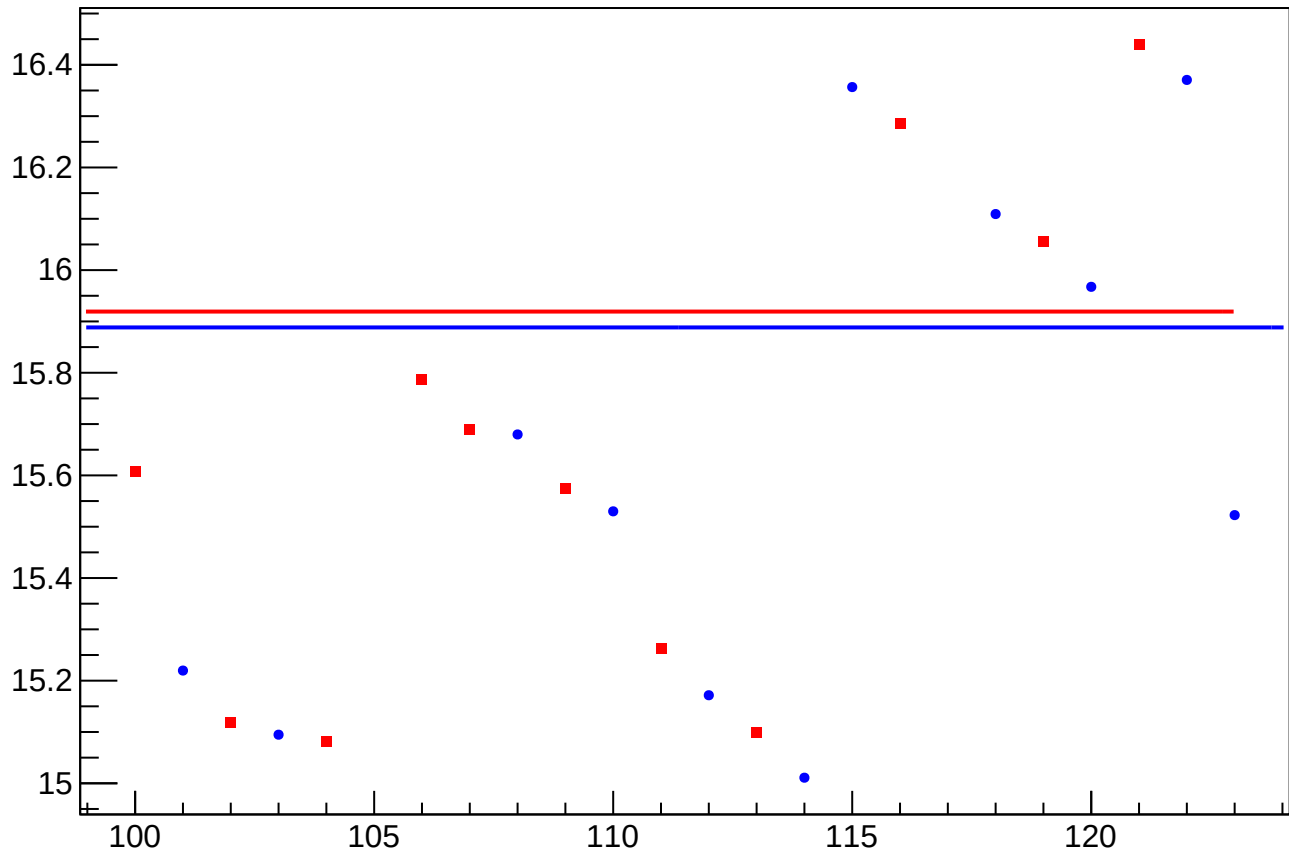
Right: 2410.428+/-0.579 χ^2/NDF : 182607.6/21

In: 2449.014+/-0.858 χ^2/NDF : 89152.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2410.428+/-0.579 χ^2/NDF : 182607.6/21

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.888+/-0.000 χ^2/NDF : 2293851170.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.919+/-0.000 χ^2/NDF : 2580688978.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

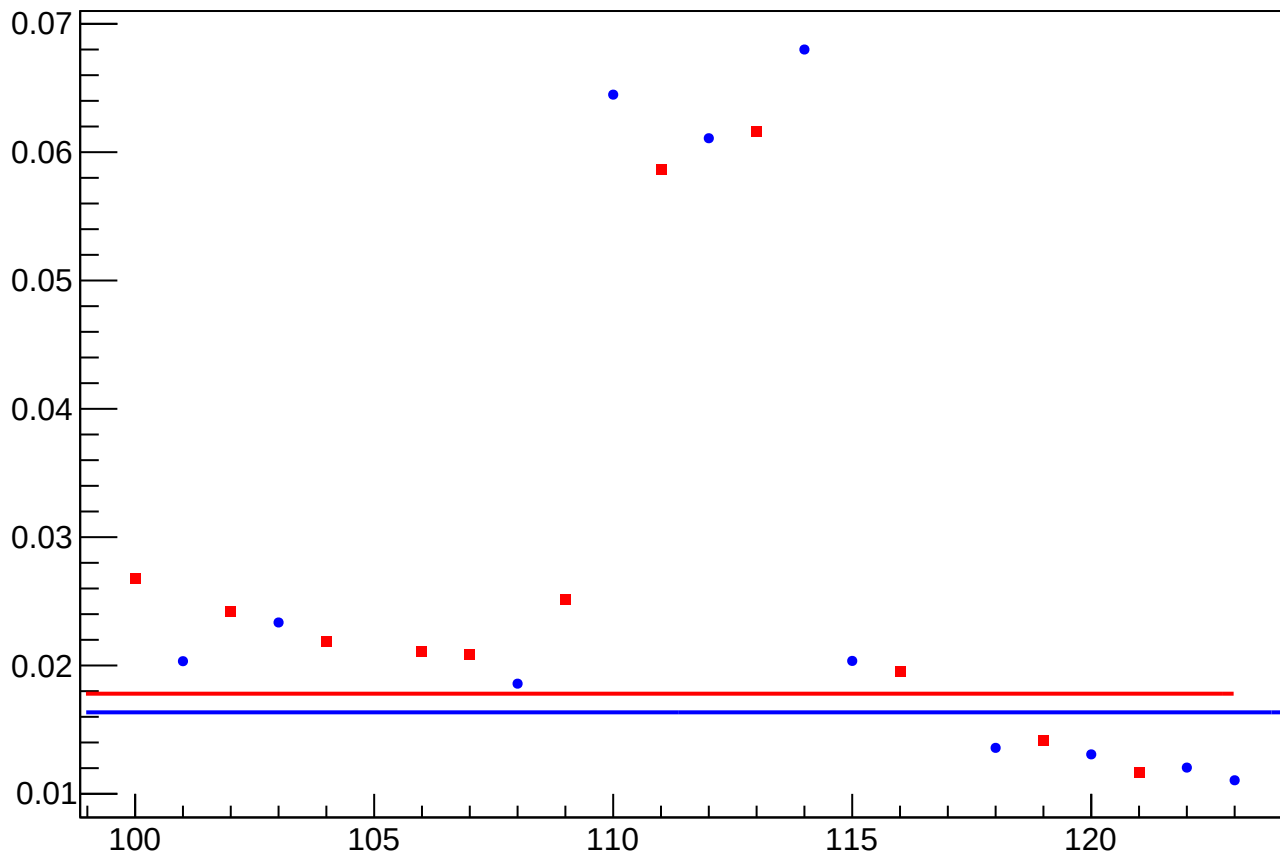
Right: 15.903+/-0.000 χ^2/NDF : 4879952515.6/21

In: 15.888+/-0.000 χ^2/NDF : 2293851170.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.903+/-0.000 χ^2/NDF : 4879952515.6/21

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1362940.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 1388533.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

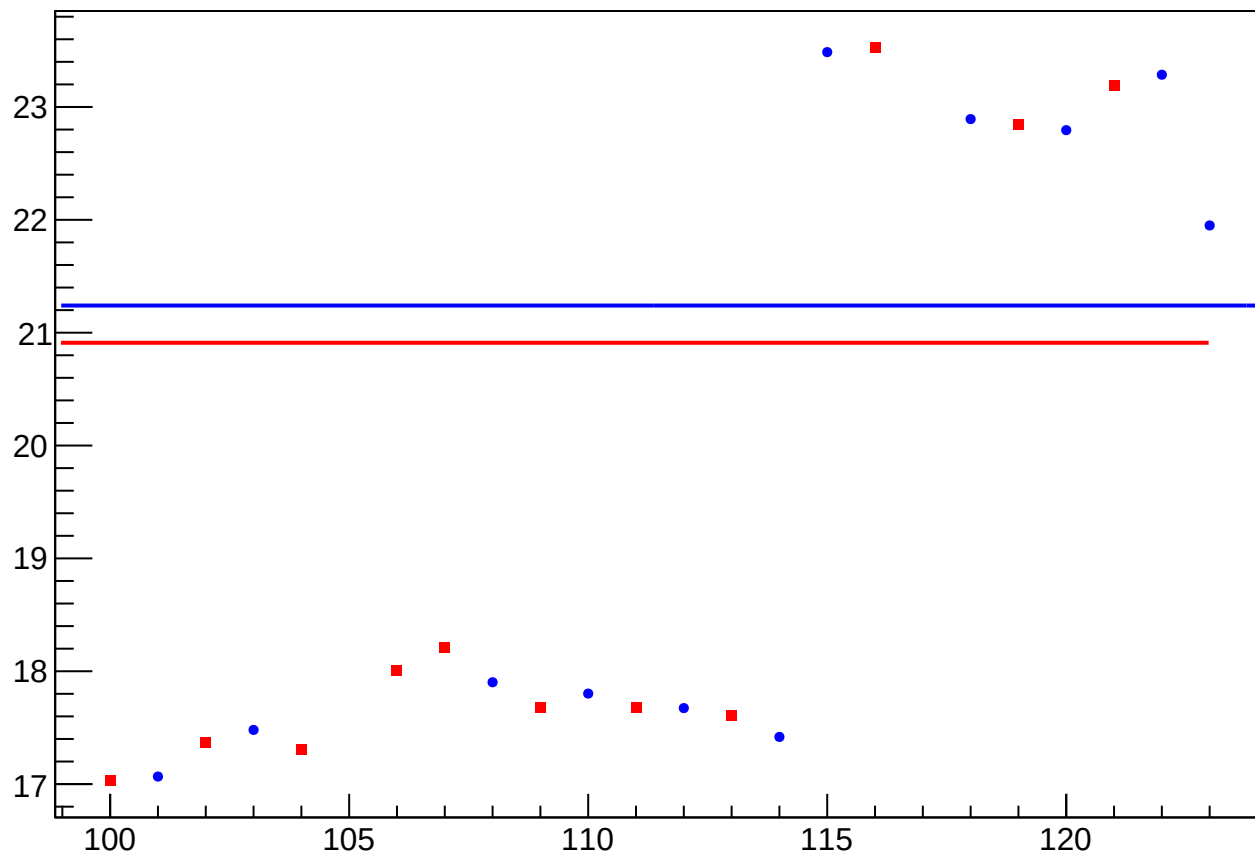
Right: 0.017+/-0.000 χ^2/NDF : 2775389.9/21

In: 0.016+/-0.000 χ^2/NDF : 1362940.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 2775389.9/21

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.241+/-0.000 χ^2/NDF : 805448039.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.911+/-0.000 χ^2/NDF : 804741686.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

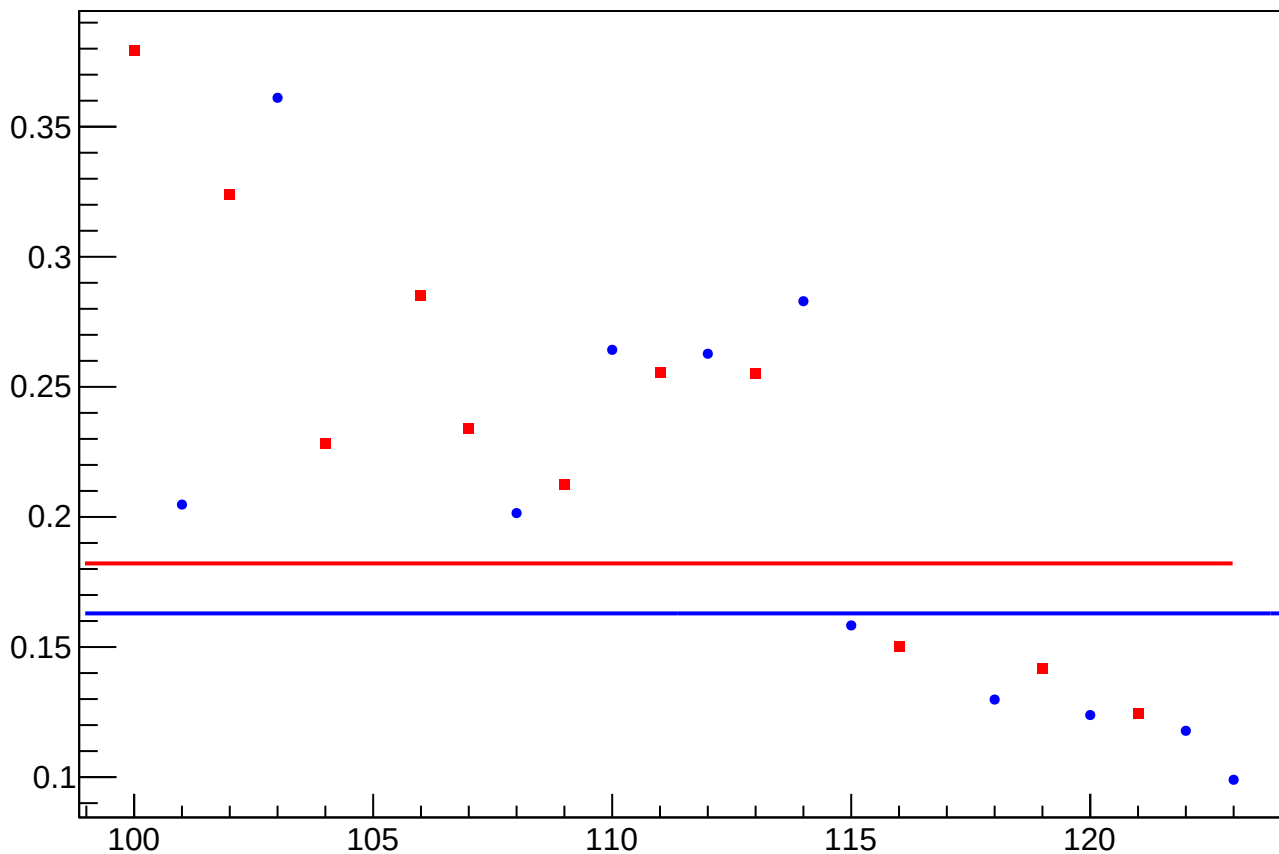
Right: 21.082+/-0.000 χ^2/NDF : 1616494376.6/21

In: 21.241+/-0.000 χ^2/NDF : 805448039.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.082+/-0.000 χ^2/NDF : 1616494376.6/21

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.163+/-0.000 χ^2/NDF : 948651.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.182+/-0.000 χ^2/NDF : 832537.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

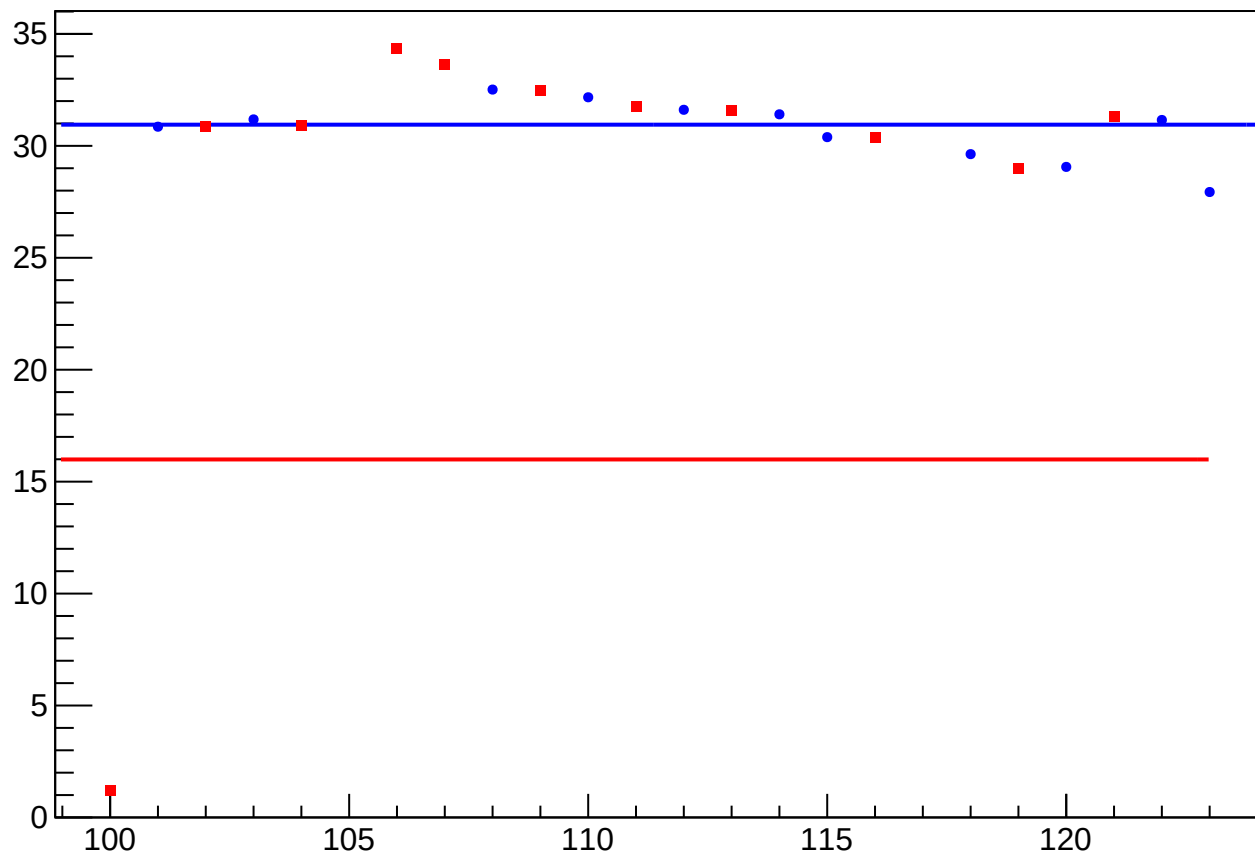
Right: 0.172+/-0.000 χ^2/NDF : 1823957.5/21

In: 0.163+/-0.000 χ^2/NDF : 948651.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.172+/-0.000 χ^2/NDF : 1823957.5/21

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.946 $\pm$ 0.000 χ^2 /NDF: 404603784.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.992 $\pm$ 0.000 χ^2 /NDF: 174206812321.7/10

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

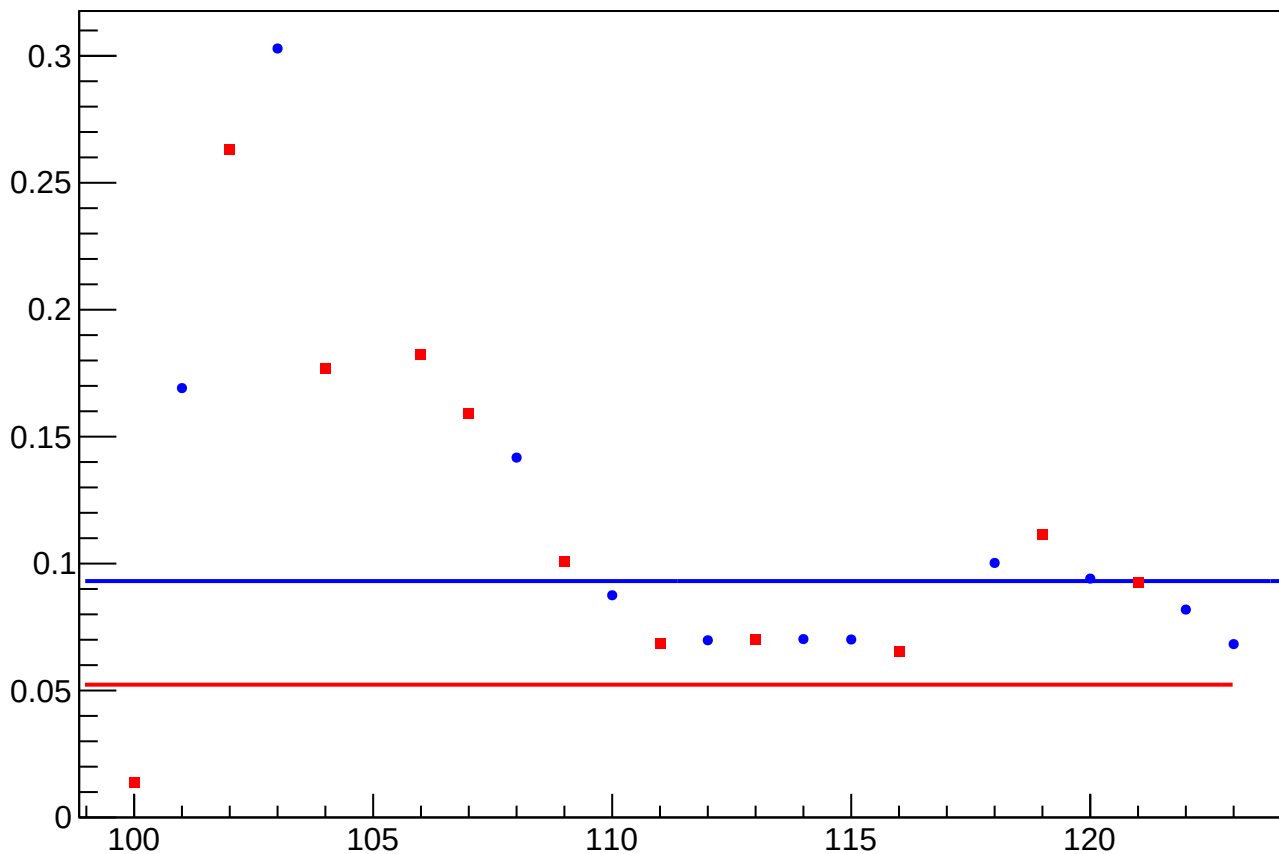
Right: 20.614 $\pm$ 0.000 χ^2 /NDF: 227736103076.1/21

In: 30.946 $\pm$ 0.000 χ^2 /NDF:404603784.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.614 $\pm$ 0.000 χ^2 /NDF: 227736103076.1/21

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 1015983.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 3492106.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

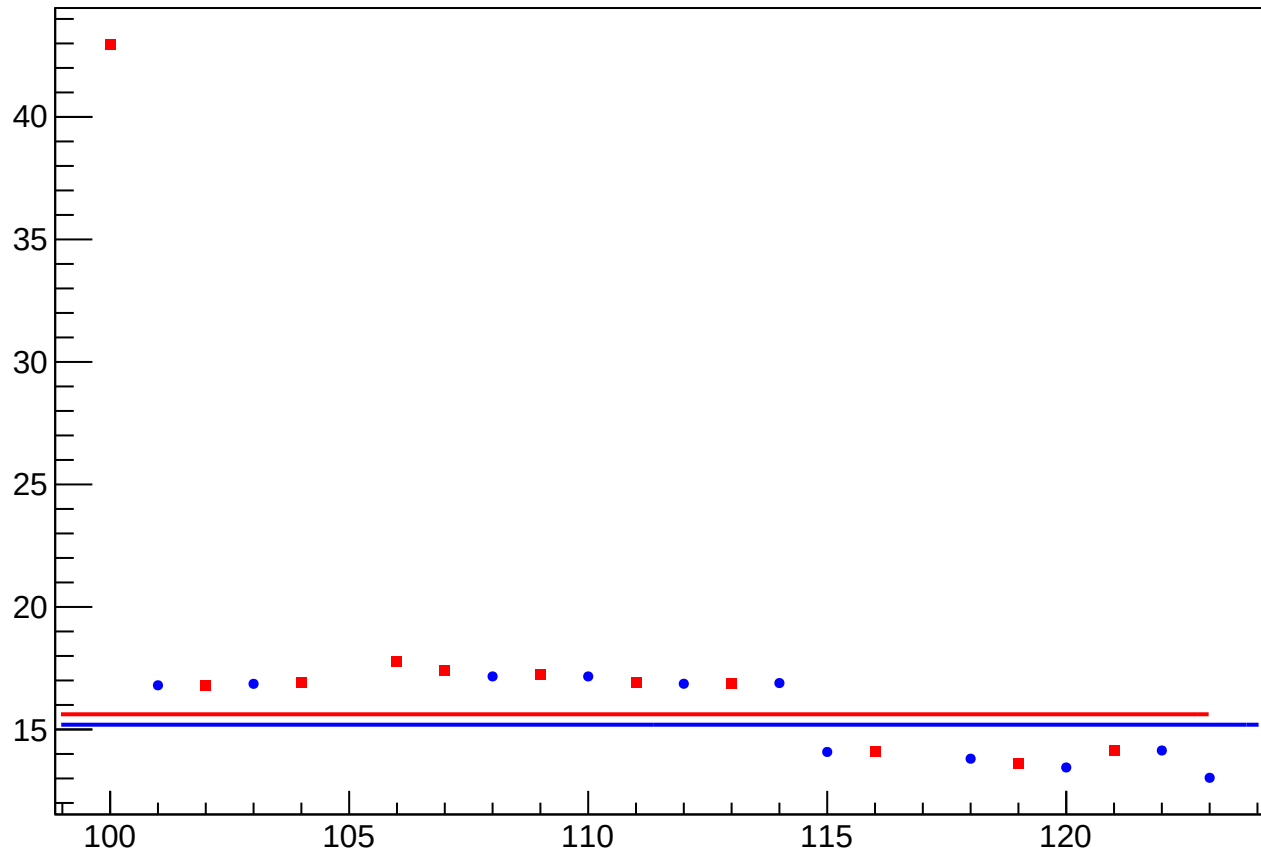
Right: 0.065+/-0.000 χ^2/NDF : 5299137.4/21

In: 0.093+/-0.000 χ^2/NDF :1015983.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.065+/-0.000 χ^2/NDF : 5299137.4/21

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.194+/-0.000 χ^2/NDF : 977778340.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.619+/-0.000 χ^2/NDF : 1287465655.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

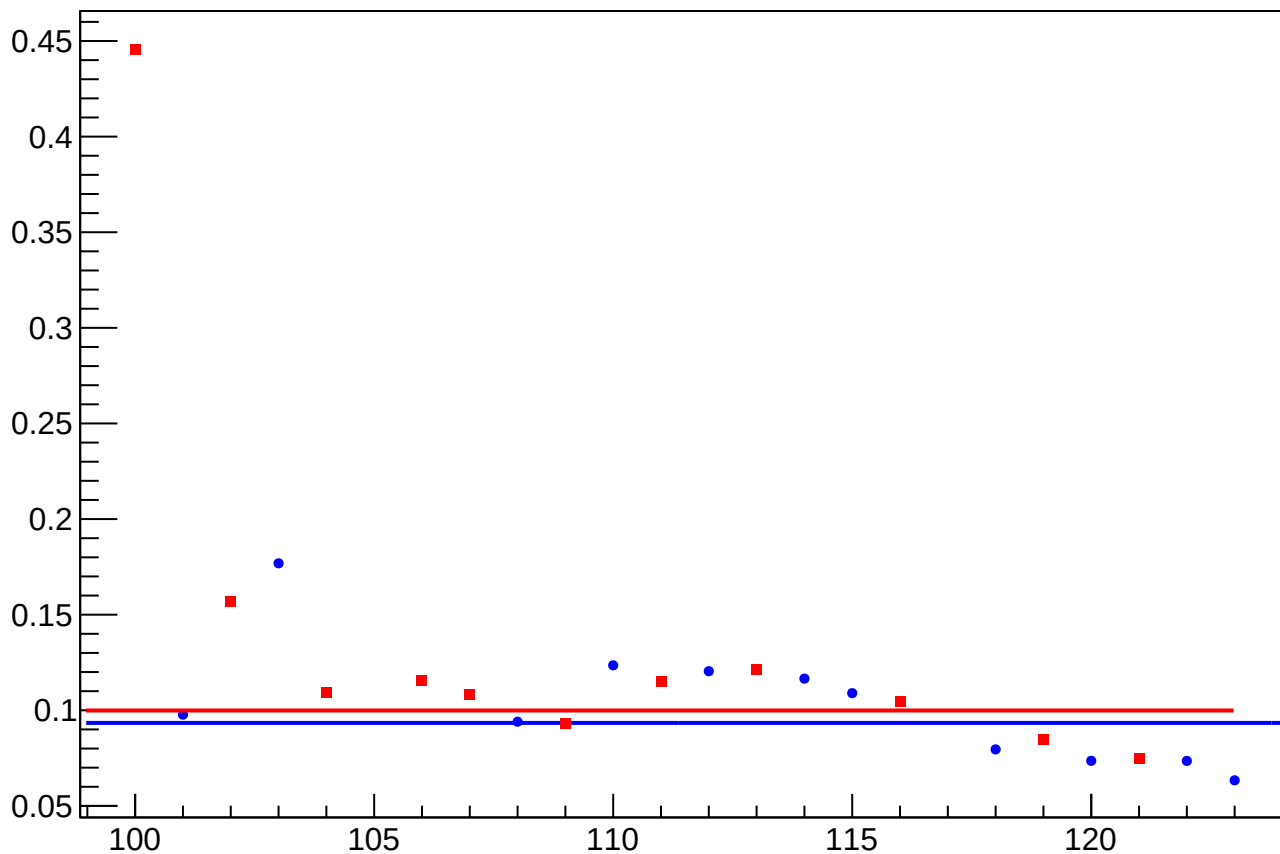
Right: 15.405+/-0.000 χ^2/NDF : 2300369566.8/21

In: 15.194+/-0.000 χ^2/NDF : 977778340.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.405+/-0.000 χ^2/NDF : 2300369566.8/21

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 501556.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.100+/-0.000 χ^2/NDF : 433227.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

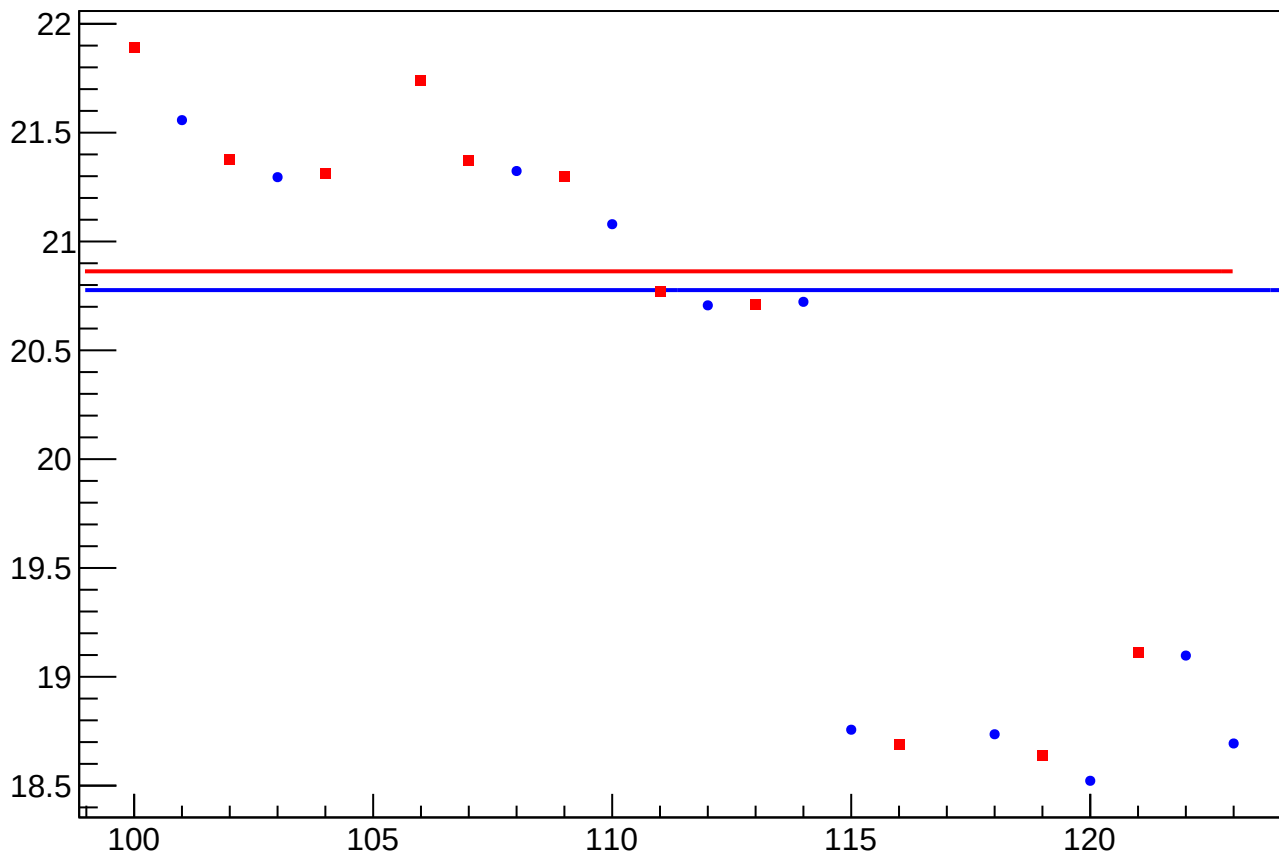
Right: 0.097+/-0.000 χ^2/NDF : 951155.7/21

In: 0.093+/-0.000 χ^2/NDF : 501556.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.000 χ^2/NDF : 951155.7/21

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.777+/-0.000 χ^2/NDF : 4788147050.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.863+/-0.000 χ^2/NDF : 4553013032.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

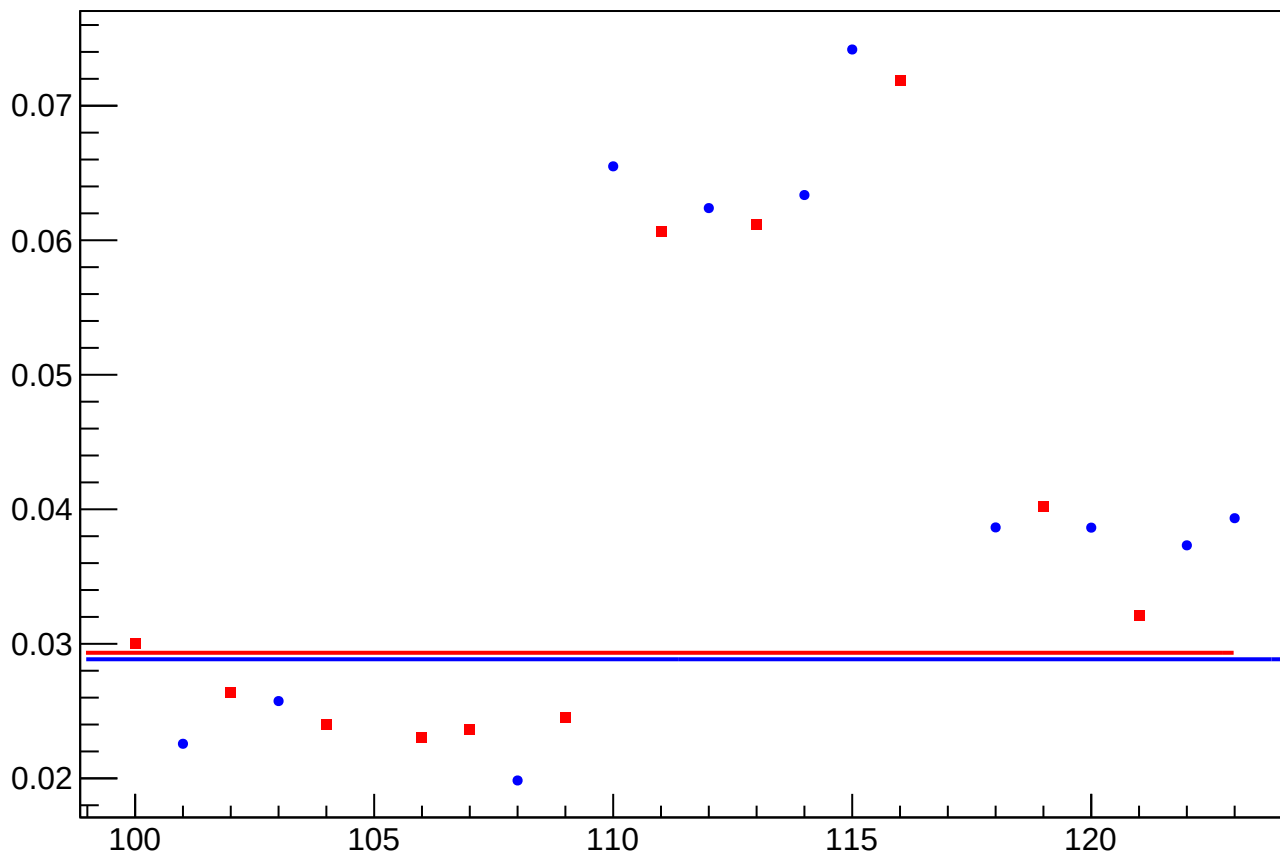
Right: 20.822+/-0.000 χ^2/NDF : 9356528448.2/21

In: 20.777+/-0.000 χ^2/NDF : 4788147050.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.822+/-0.000 χ^2/NDF : 9356528448.2/21

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 1047527.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 899118.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

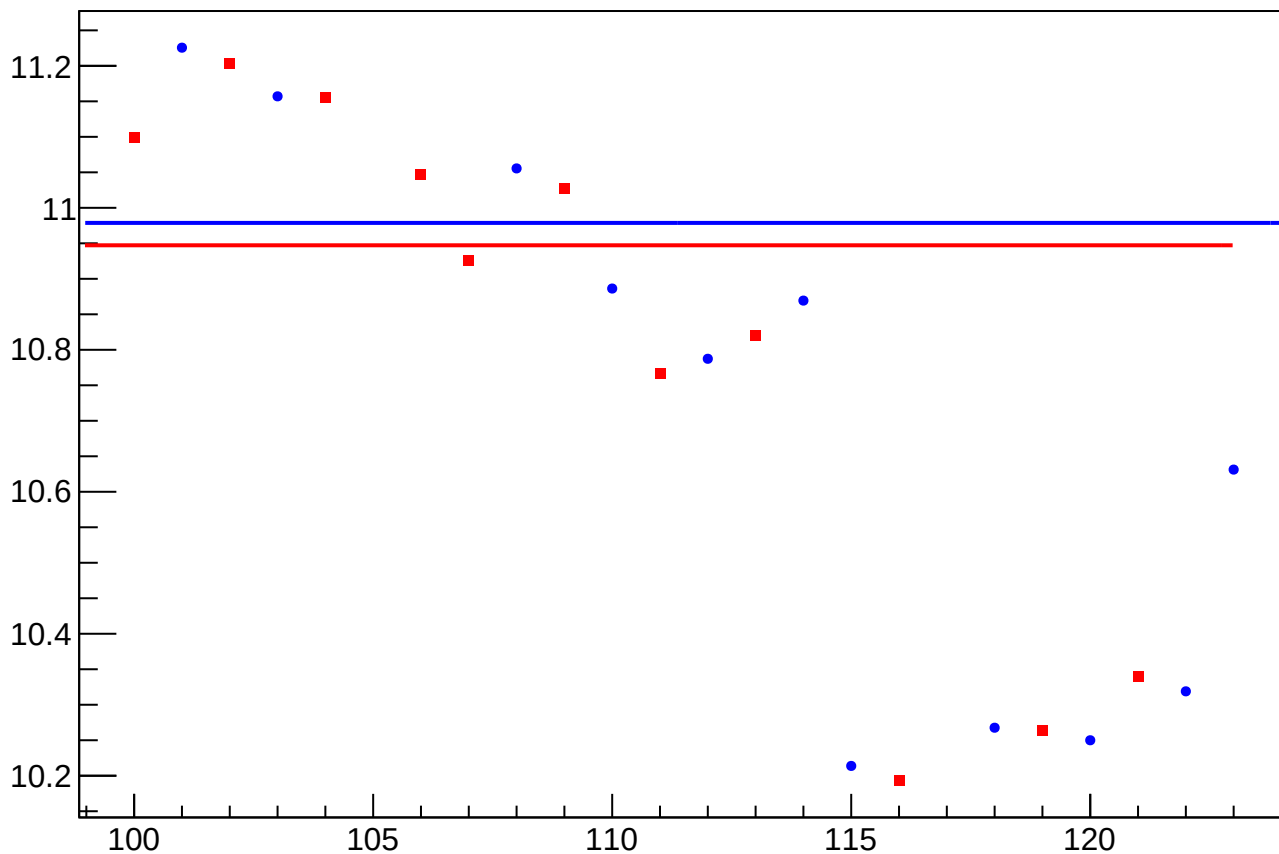
Right: 0.029+/-0.000 χ^2/NDF : 1947610.5/21

In: 0.029+/-0.000 χ^2/NDF :1047527.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1947610.5/21

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.979+/-0.000 χ^2/NDF : 2208128978.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.947+/-0.000 χ^2/NDF : 1744577807.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

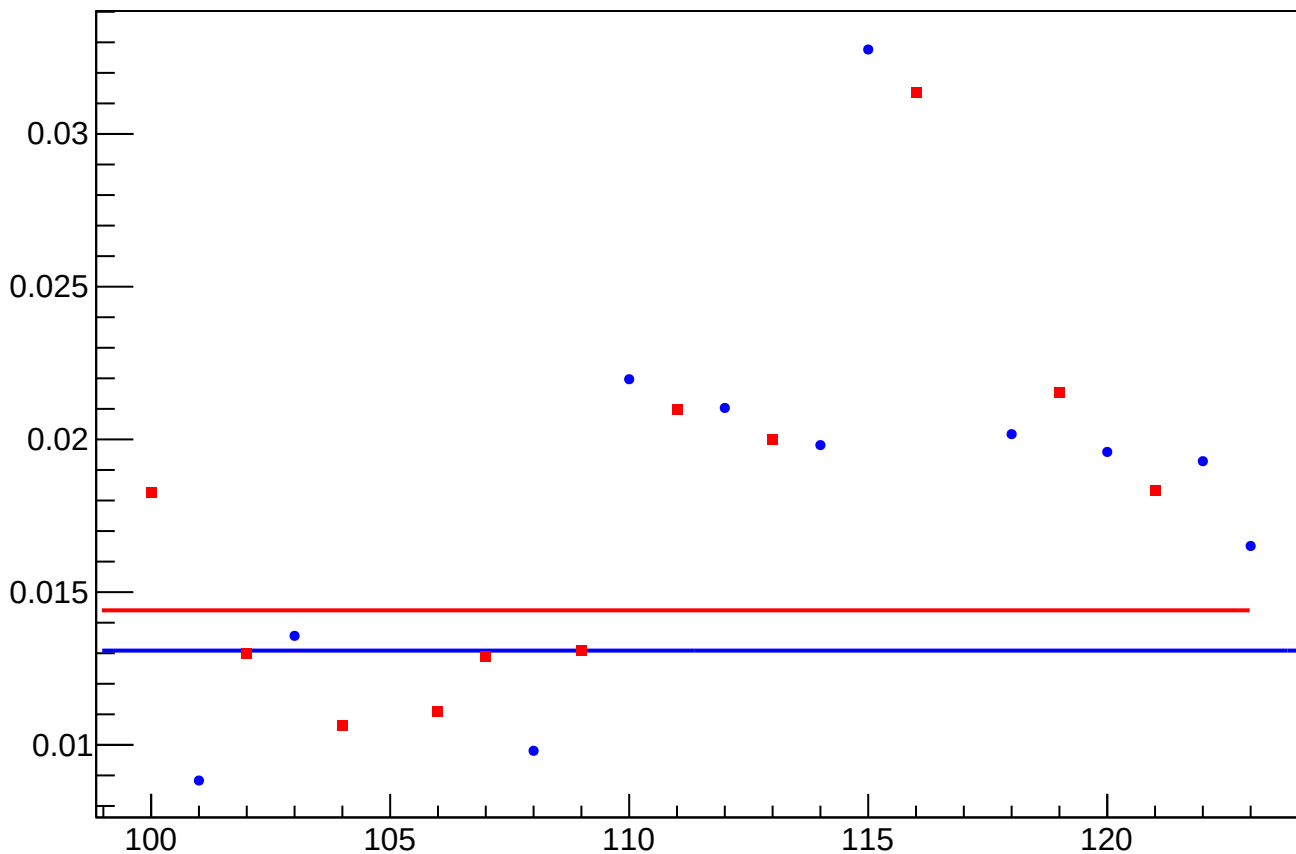
Right: 10.963+/-0.000 χ^2/NDF : 3962052126.3/21

In: 10.979+/-0.000 χ^2/NDF : 2208128978.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.963+/-0.000 χ^2/NDF : 3962052126.3/21

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 981311.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 676956.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

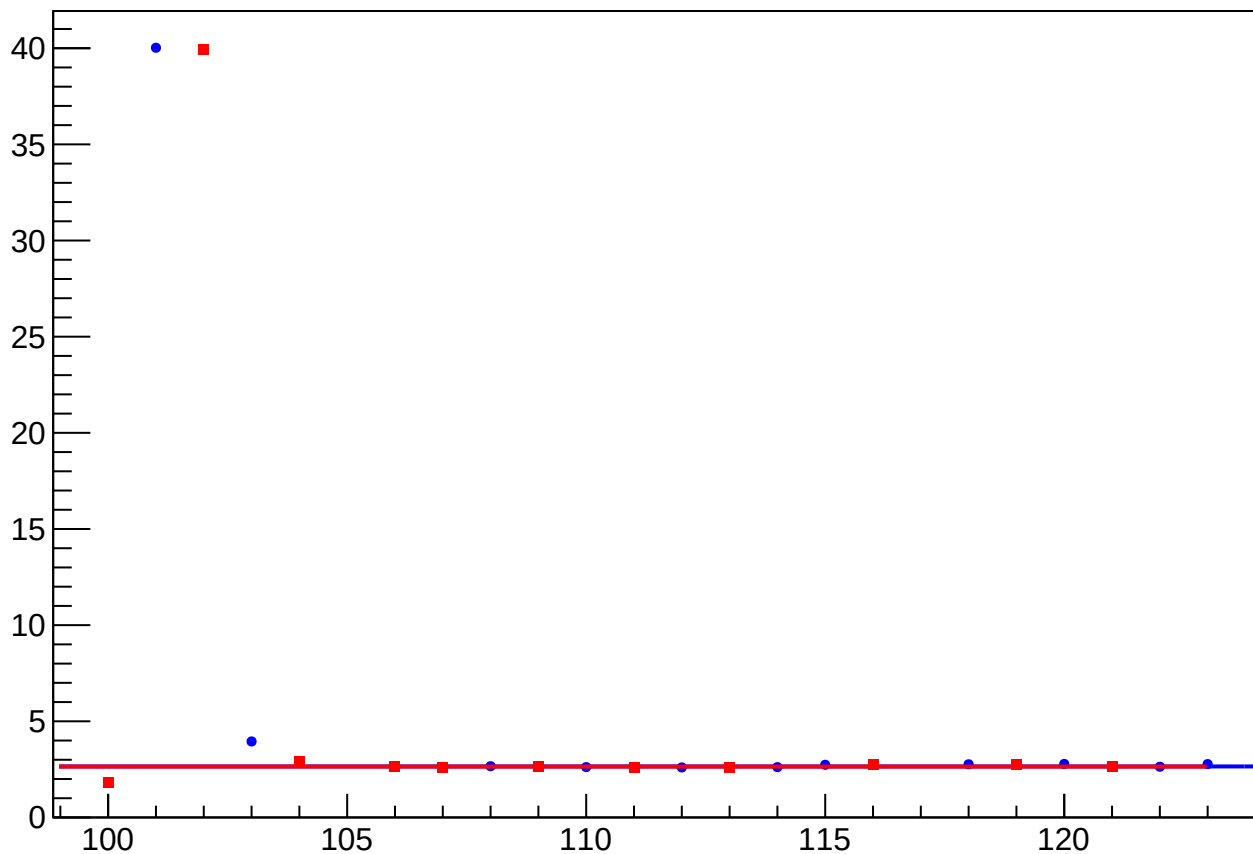
Right: 0.014+/-0.000 χ^2/NDF : 1690913.3/21

In: 0.013+/-0.000 χ^2/NDF : 981311.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1690913.3/21

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.652+/-0.000 χ^2/NDF : 64717968959.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.645+/-0.000 χ^2/NDF : 62759723118.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

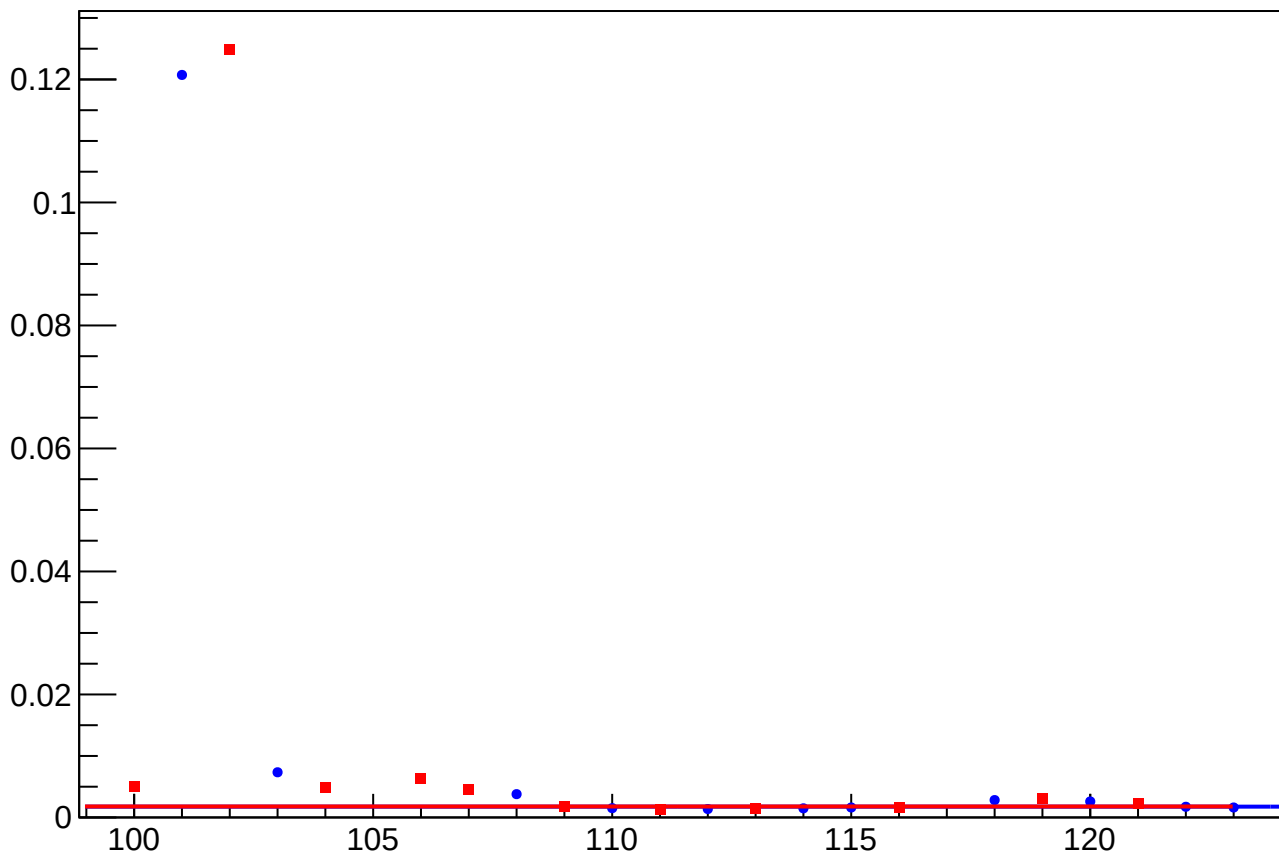
Right: 2.648+/-0.000 χ^2/NDF : 127499543824.3/21

In: 2.652+/-0.000 χ^2/NDF : 64717968959.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.648+/-0.000 χ^2/NDF : 127499543824.3

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1764577.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2377106.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

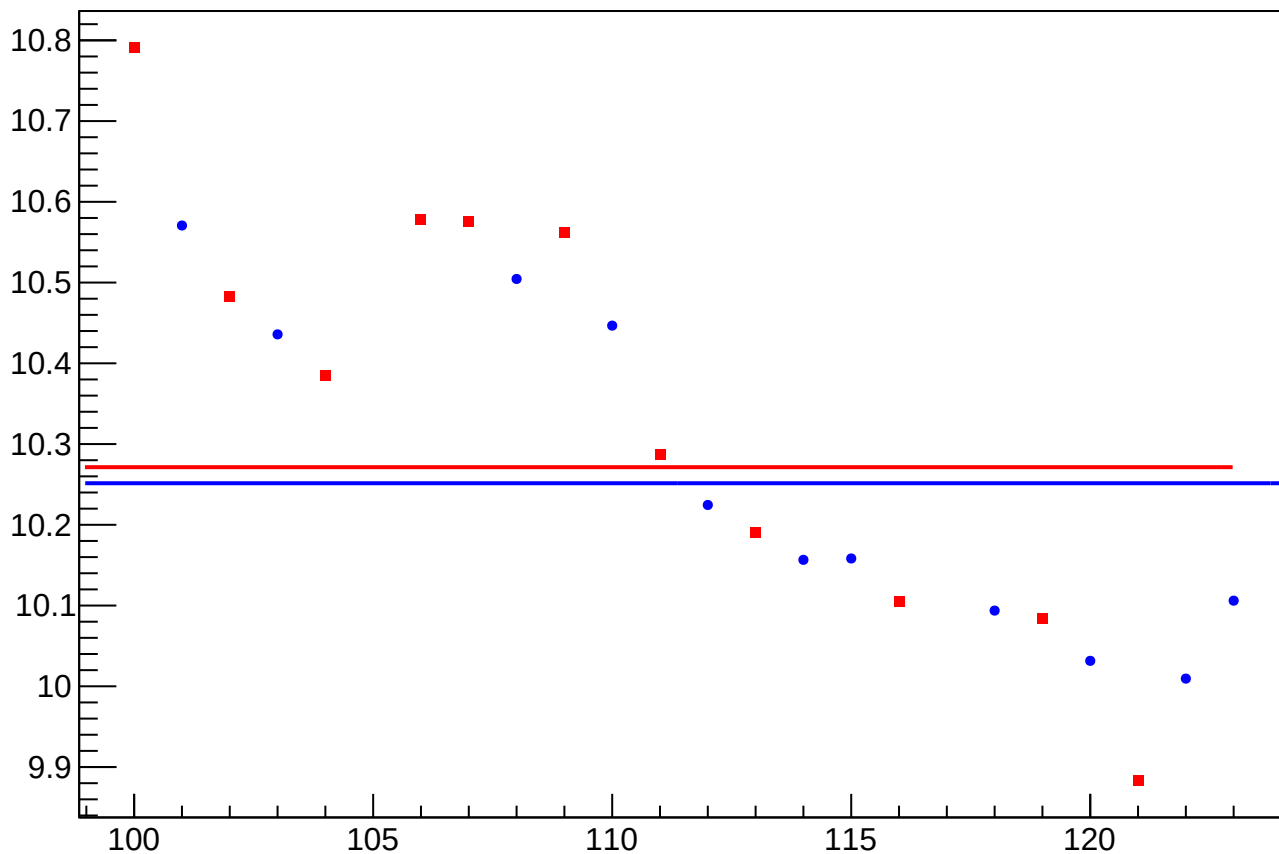
Right: 0.002+/-0.000 χ^2/NDF : 4142233.7/21

In: 0.002+/-0.000 χ^2/NDF : 1764577.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4142233.7/21

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.251+/-0.000 χ^2/NDF : 3050513642.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.271+/-0.000 χ^2/NDF : 4243495151.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

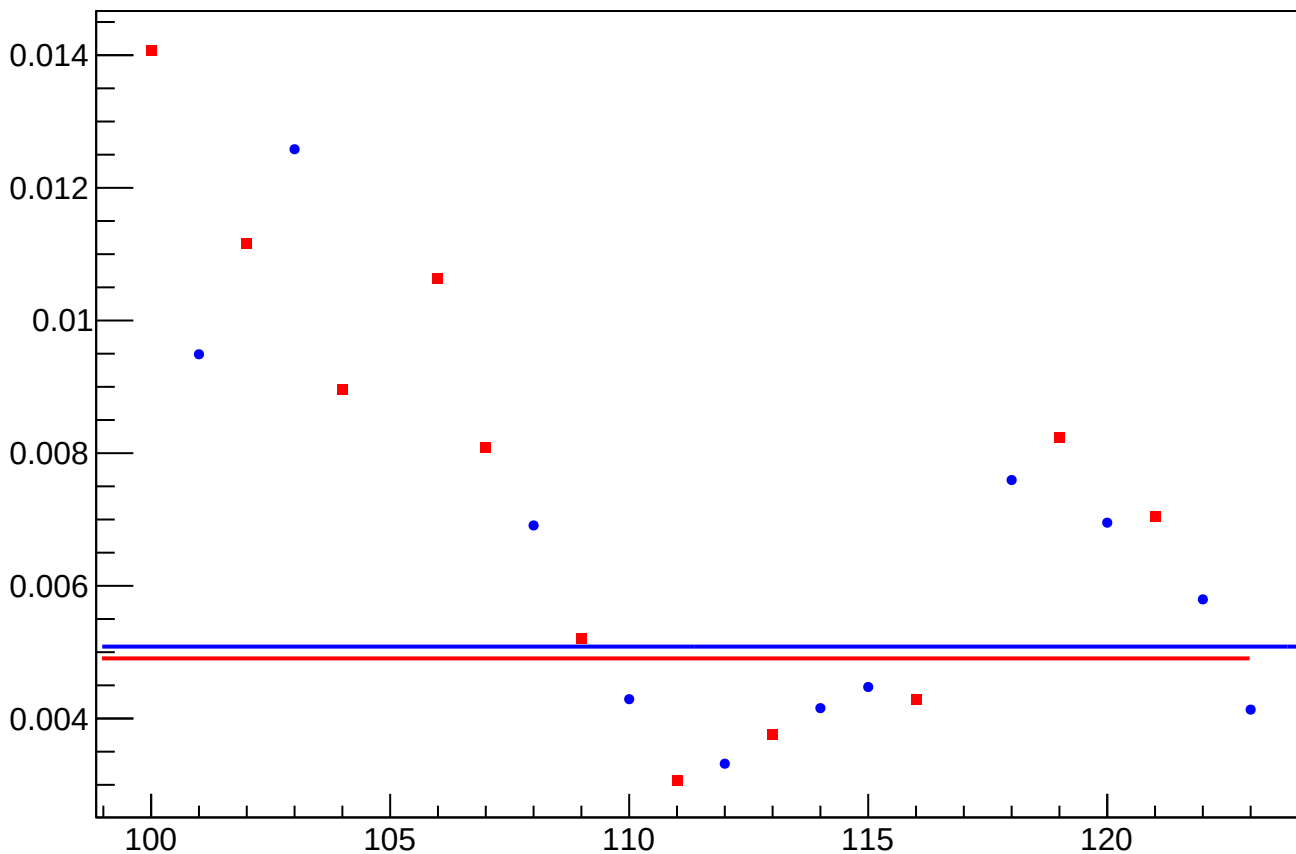
Right: 10.262+/-0.000 χ^2/NDF : 7319030081.5/21

In: 10.251+/-0.000 χ^2/NDF : 3050513642.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.262+/-0.000 χ^2/NDF : 7319030081.5/21

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1150417.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1513104.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

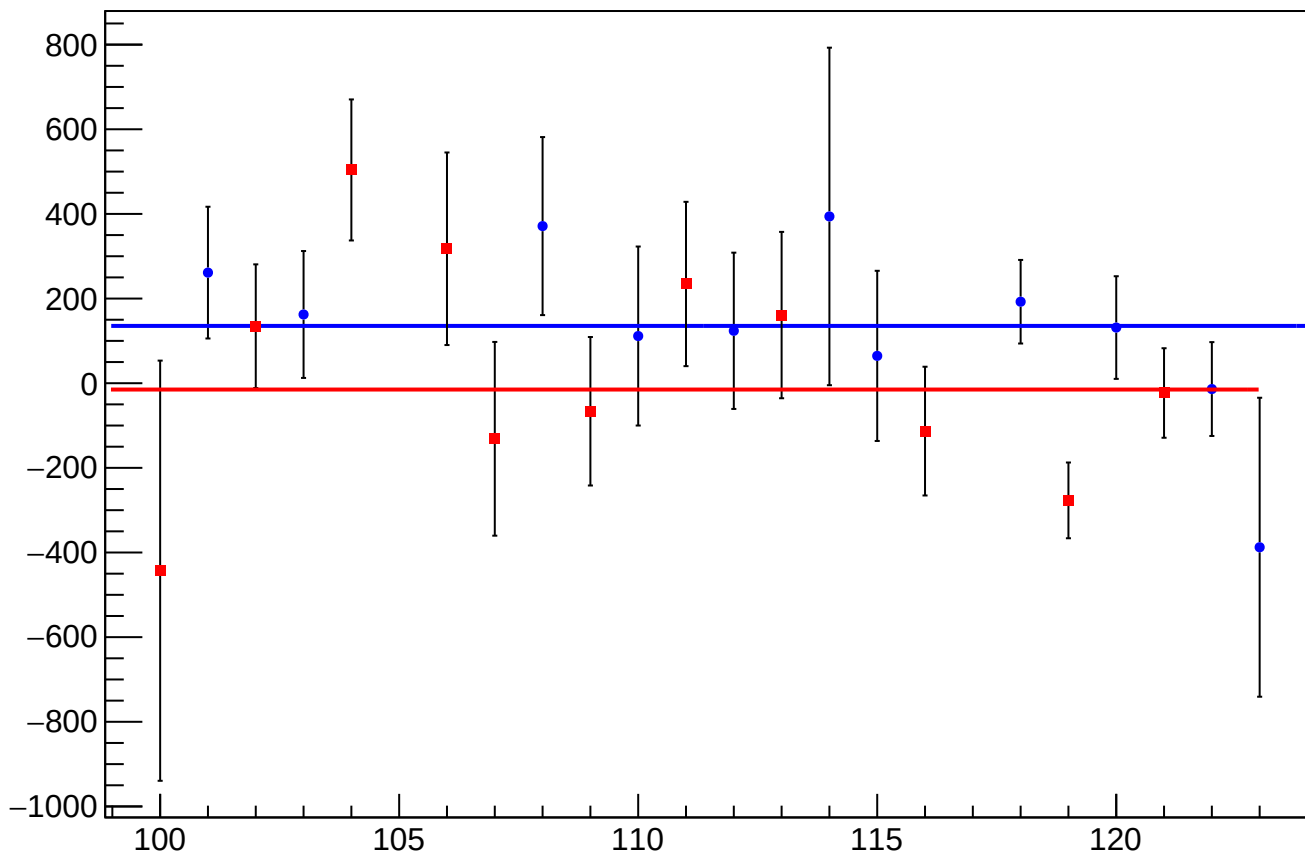
Right: 0.005+/-0.000 χ^2/NDF : 2667527.3/21

In: 0.005+/-0.000 χ^2/NDF : 1150417.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2667527.3/21

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 135.395+/-47.086 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.951+/-46.240 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

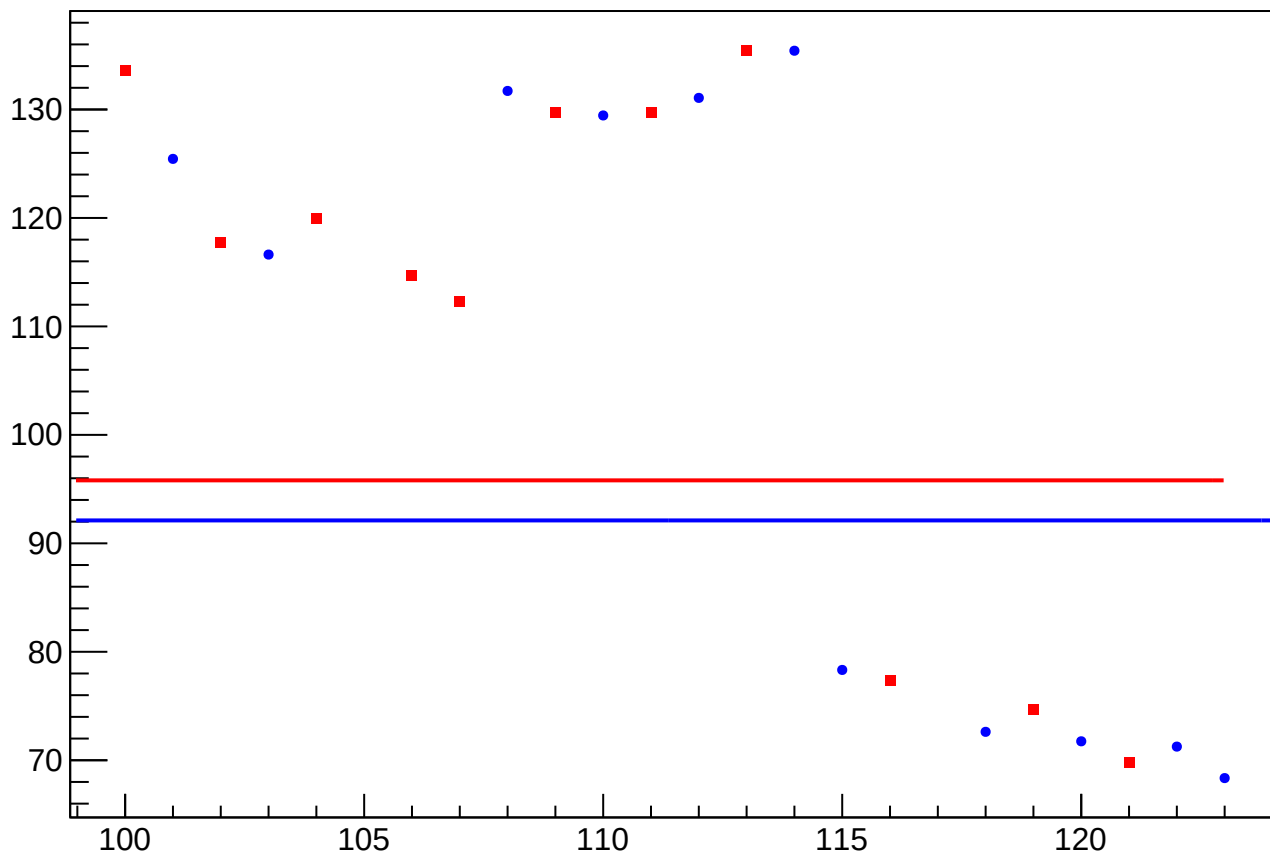
Right: 58.859+/-32.992 χ^2/NDF : 37.4/21

In: 135.395+/-47.086 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.859+/-32.992 χ^2/NDF : 37.4/21

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.112+/-0.033 χ^2/NDF : 614636.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 95.806+/-0.033 χ^2/NDF : 601966.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

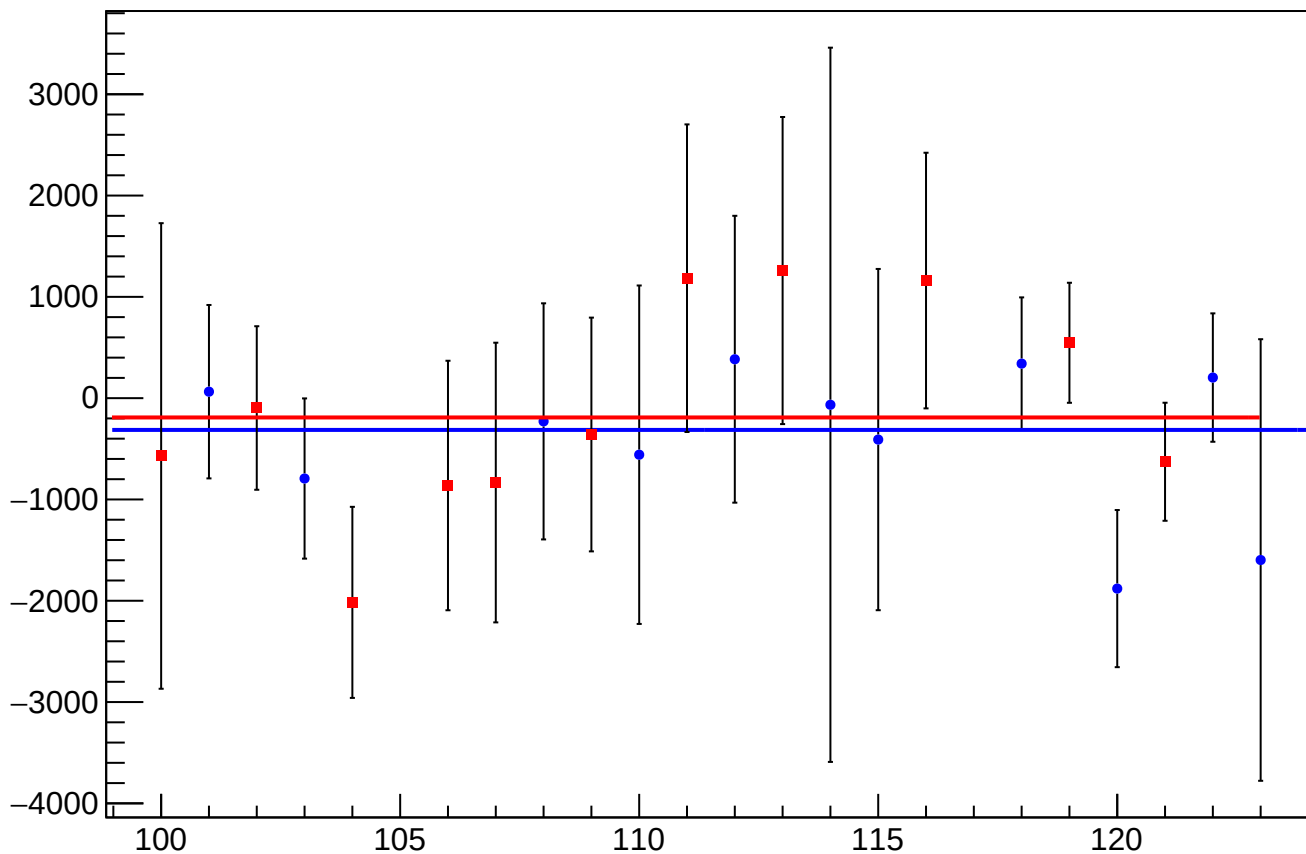
Right: 93.993+/-0.023 χ^2/NDF : 1222869.0/21

In: 92.112+/-0.033 χ^2/NDF :614636.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 93.993+/-0.023 χ^2/NDF : 1222869.0/21

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -313.522 $\pm$ 292.467 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -190.438 $\pm$ 287.785 χ^2 /NDF: 9.3/10

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

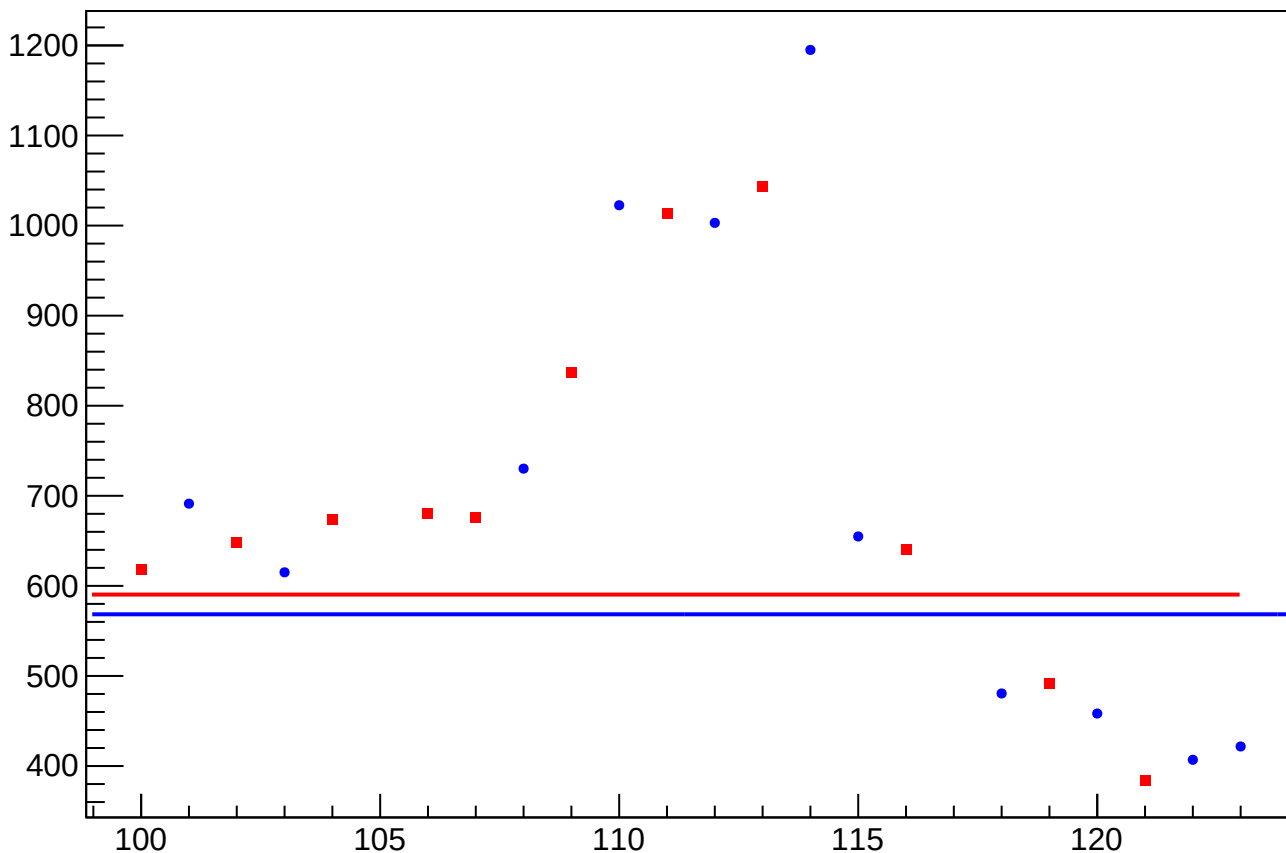
Right: -250.987 $\pm$ 205.130 χ^2 /NDF: 16.3/21

In: -313.522 $\pm$ 292.467 χ^2 /NDF:6.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -250.987 $\pm$ 205.130 χ^2 /NDF: 16.3/21

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 568.443+/-0.207 χ^2/NDF : 706731.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 590.345+/-0.203 χ^2/NDF : 778645.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

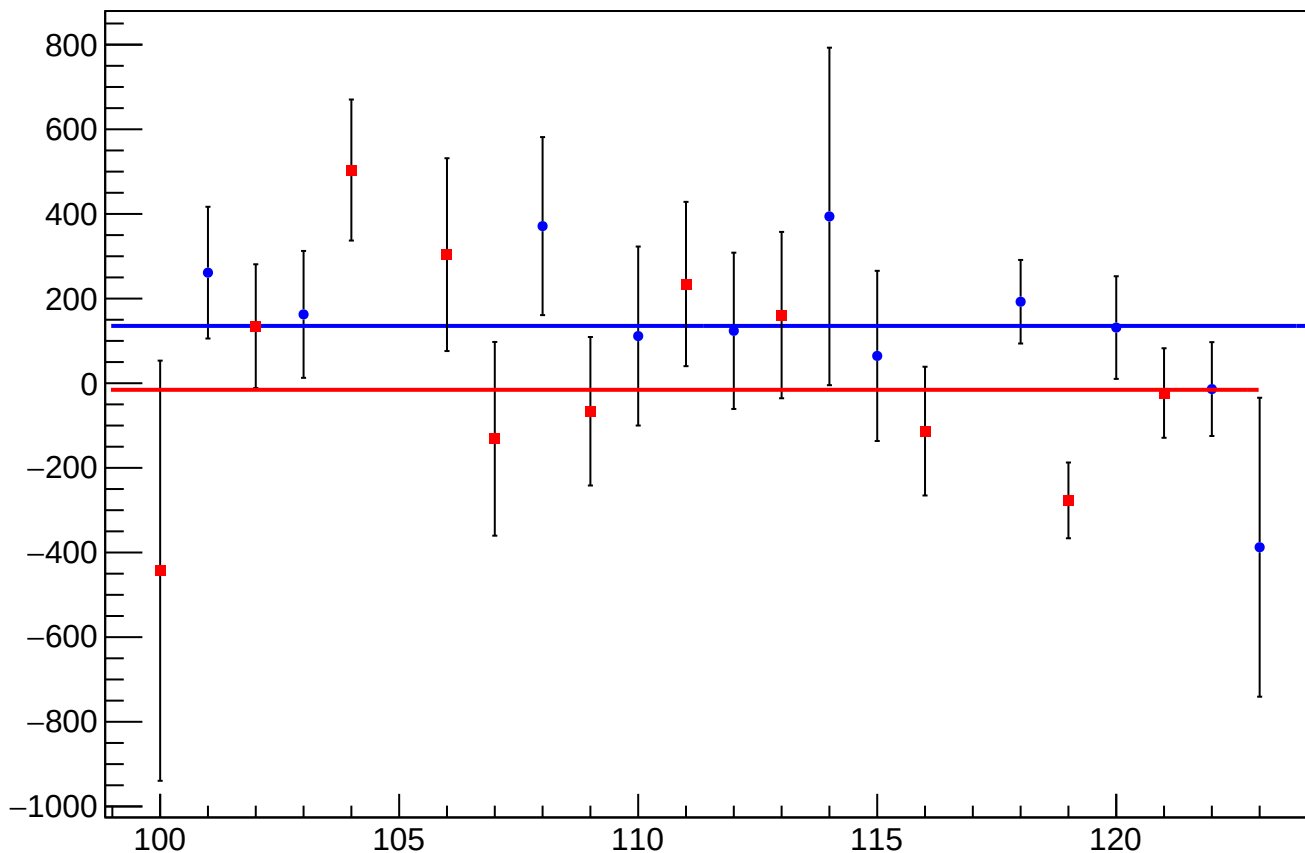
Right: 579.571+/-0.145 χ^2/NDF : 1491074.8/21

In: 568.443+/-0.207 χ^2/NDF : 706731.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.571+/-0.145 χ^2/NDF : 1491074.8/21

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 135.427+/-47.086 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.548+/-46.243 χ^2/NDF : 25.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

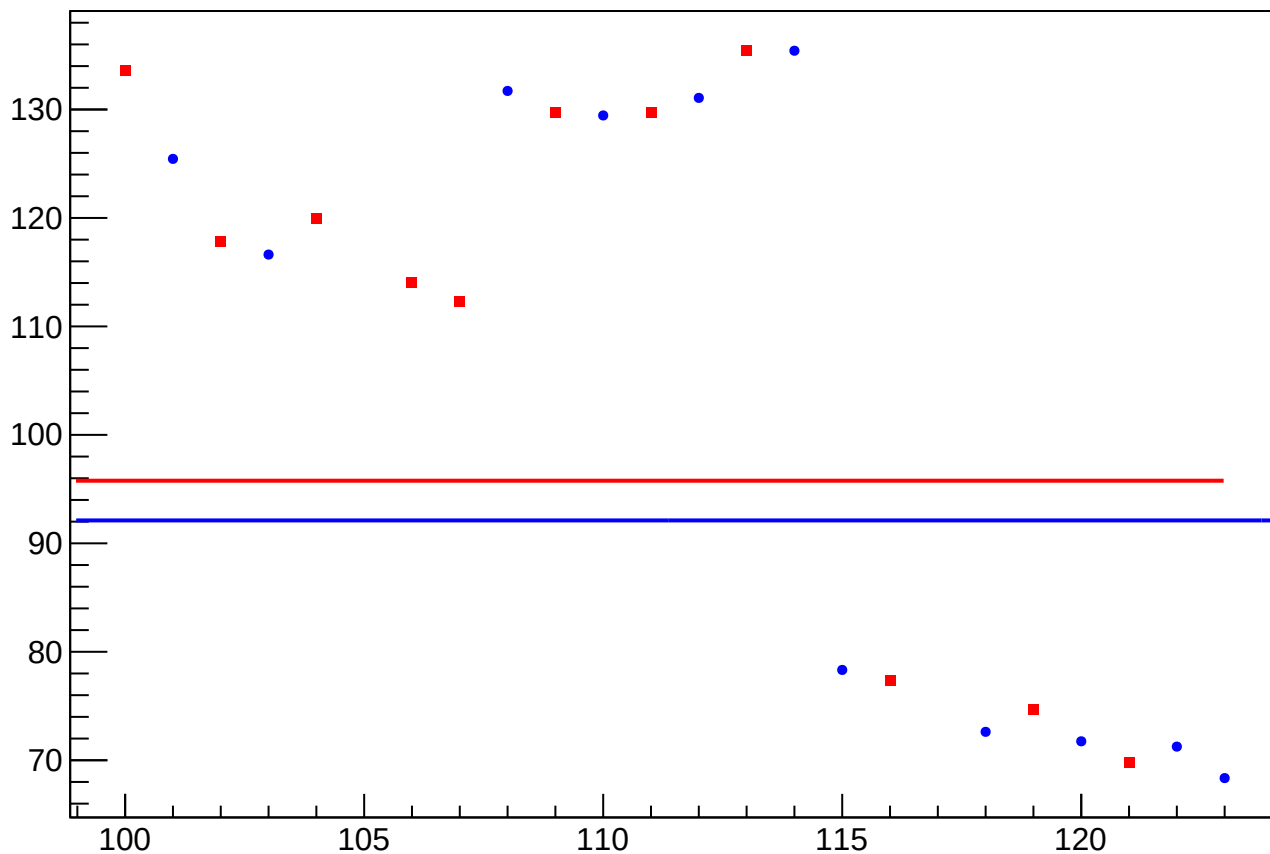
Right: 58.576+/-32.993 χ^2/NDF : 37.3/21

In: 135.427+/-47.086 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.576+/-32.993 χ^2/NDF : 37.3/21

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.112+/-0.033 χ^2/NDF : 614637.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.774+/-0.033 χ^2/NDF : 600910.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

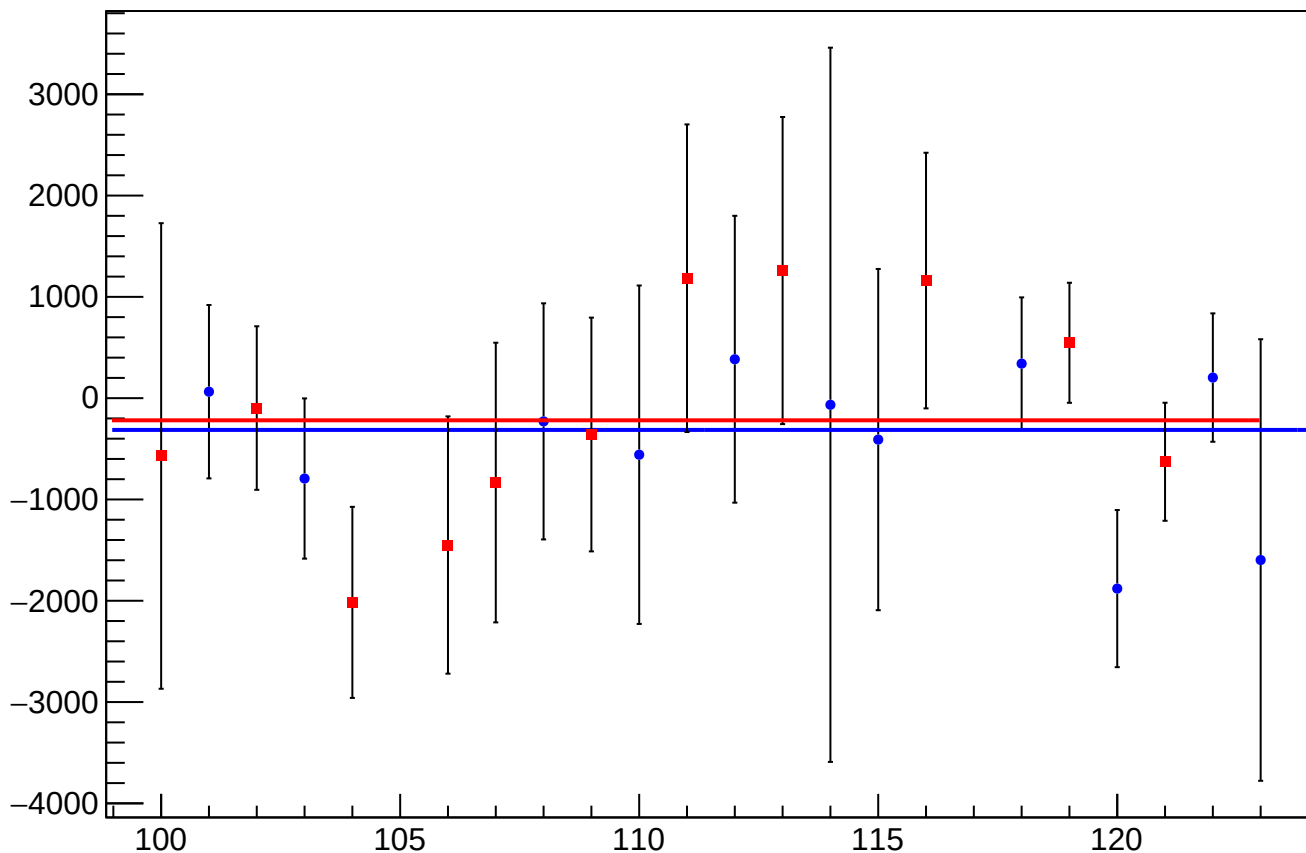
Right: 93.976+/-0.023 χ^2/NDF : 1221704.8/21

In: 92.112+/-0.033 χ^2/NDF : 614637.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.976+/-0.023 χ^2/NDF : 1221704.8/21

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -313.518 ± 292.467 χ^2/NDF : 6.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -218.574 ± 288.257 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

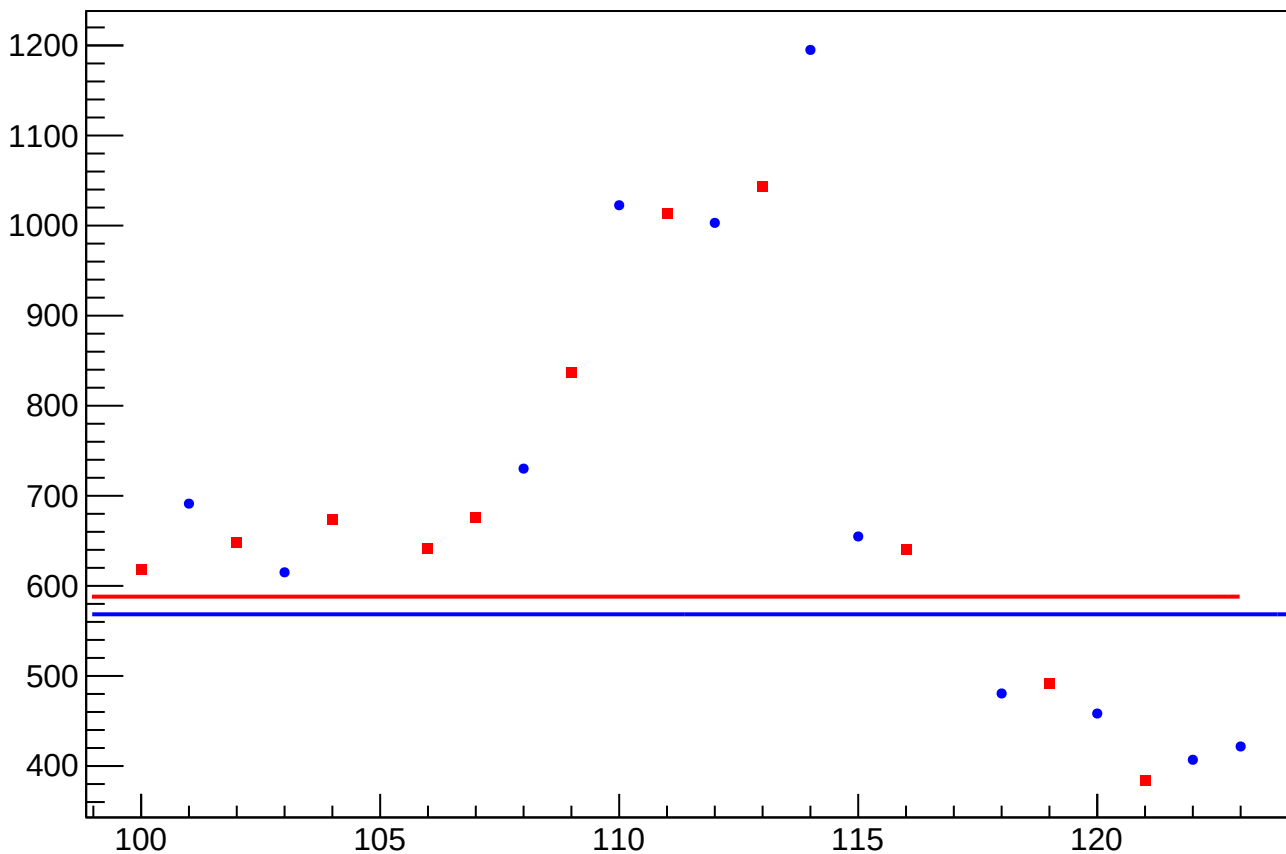
Right: -265.358 ± 205.301 χ^2/NDF : 17.0/21

In: -313.518 ± 292.467 χ^2/NDF : 6.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -265.358 ± 205.301 χ^2/NDF : 17.0/21

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 568.442+/-0.207 χ^2/NDF : 706731.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.047+/-0.204 χ^2/NDF : 771047.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

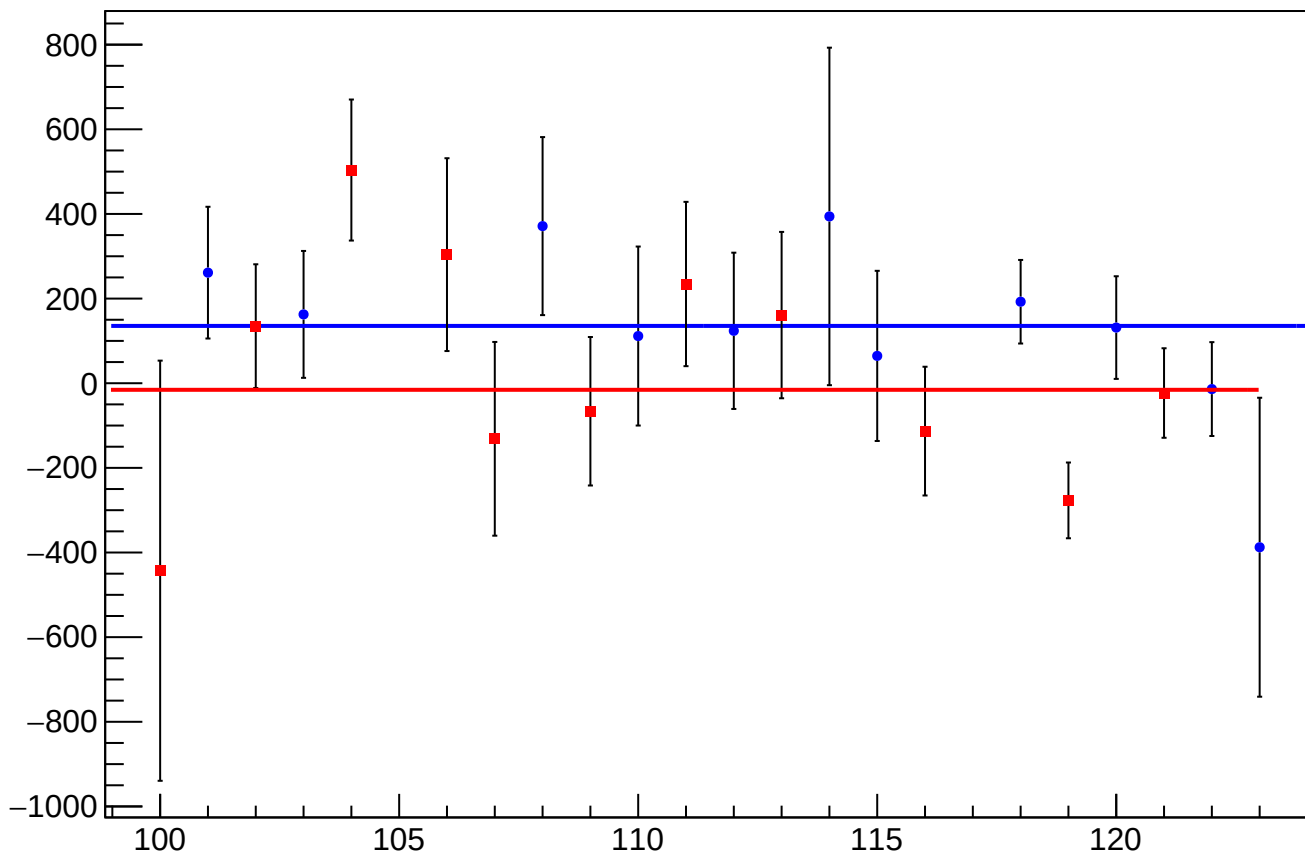
Right: 578.387+/-0.145 χ^2/NDF : 1482337.3/21

In: 568.442+/-0.207 χ^2/NDF : 706731.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.387+/-0.145 χ^2/NDF : 1482337.3/21

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 135.427+/-47.086 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.548+/-46.243 χ^2/NDF : 25.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

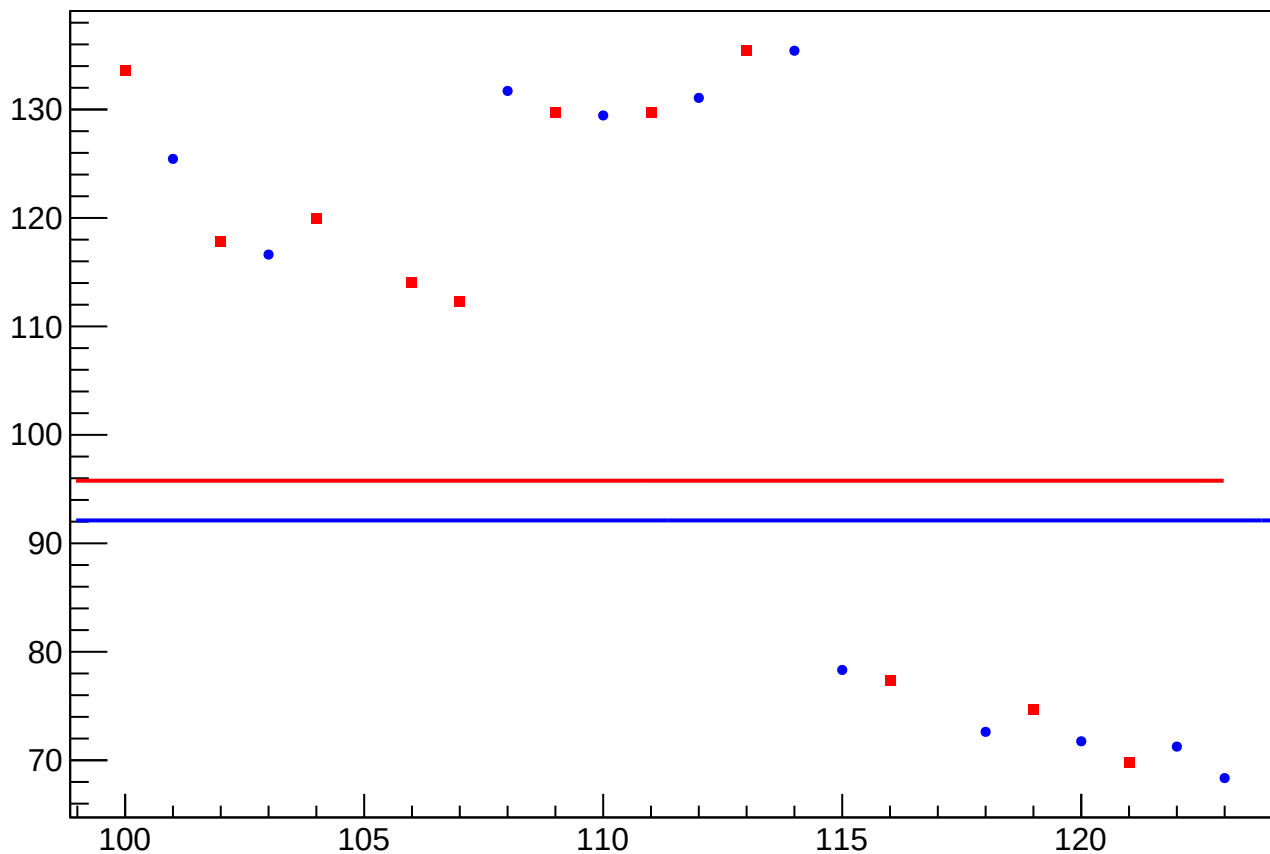
Right: 58.576+/-32.993 χ^2/NDF : 37.3/21

In: 135.427+/-47.086 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.576+/-32.993 χ^2/NDF : 37.3/21

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.112+/-0.033 χ^2/NDF : 614637.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.774+/-0.033 χ^2/NDF : 600910.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

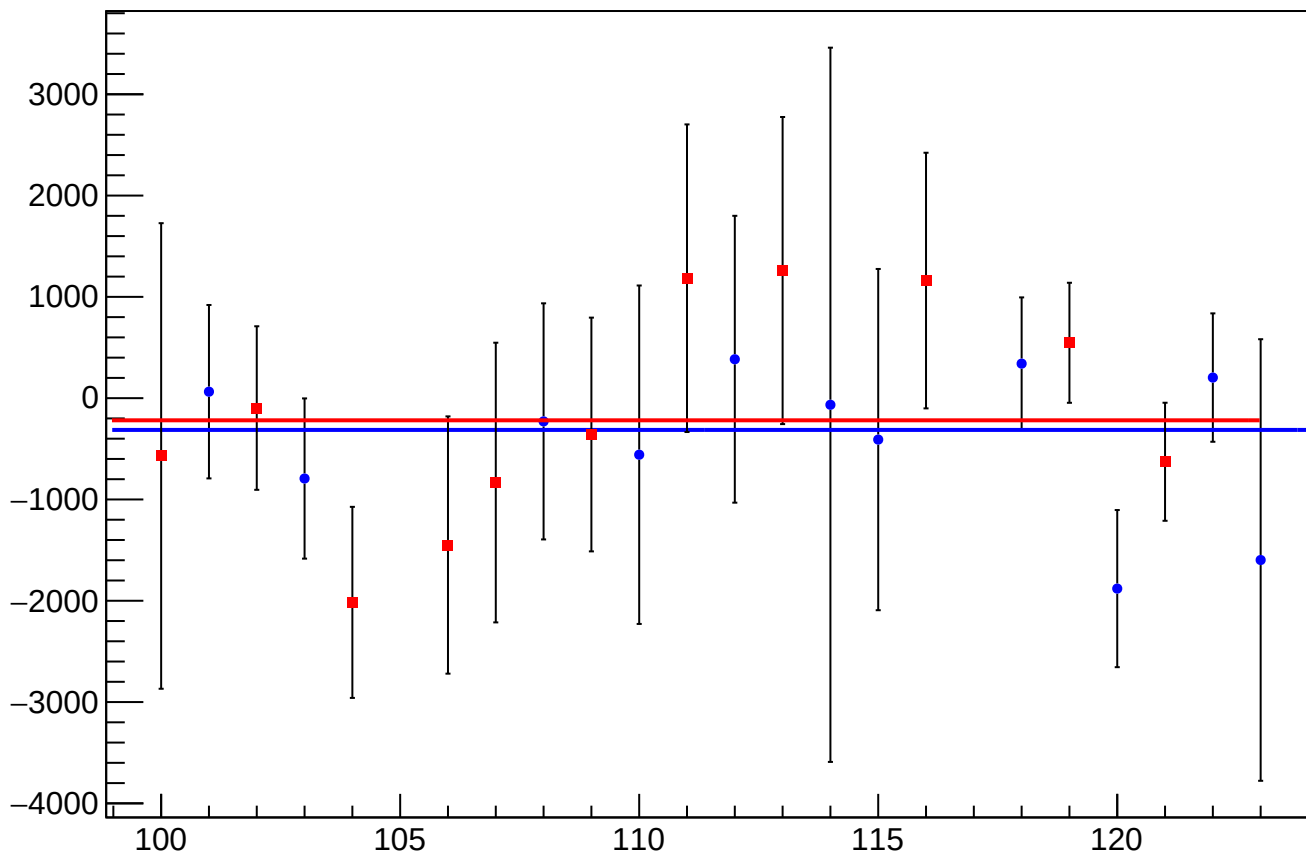
Right: 93.976+/-0.023 χ^2/NDF : 1221704.8/21

In: 92.112+/-0.033 χ^2/NDF : 614637.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.976+/-0.023 χ^2/NDF : 1221704.8/21

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -313.518+/-292.467 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.574+/-288.257 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

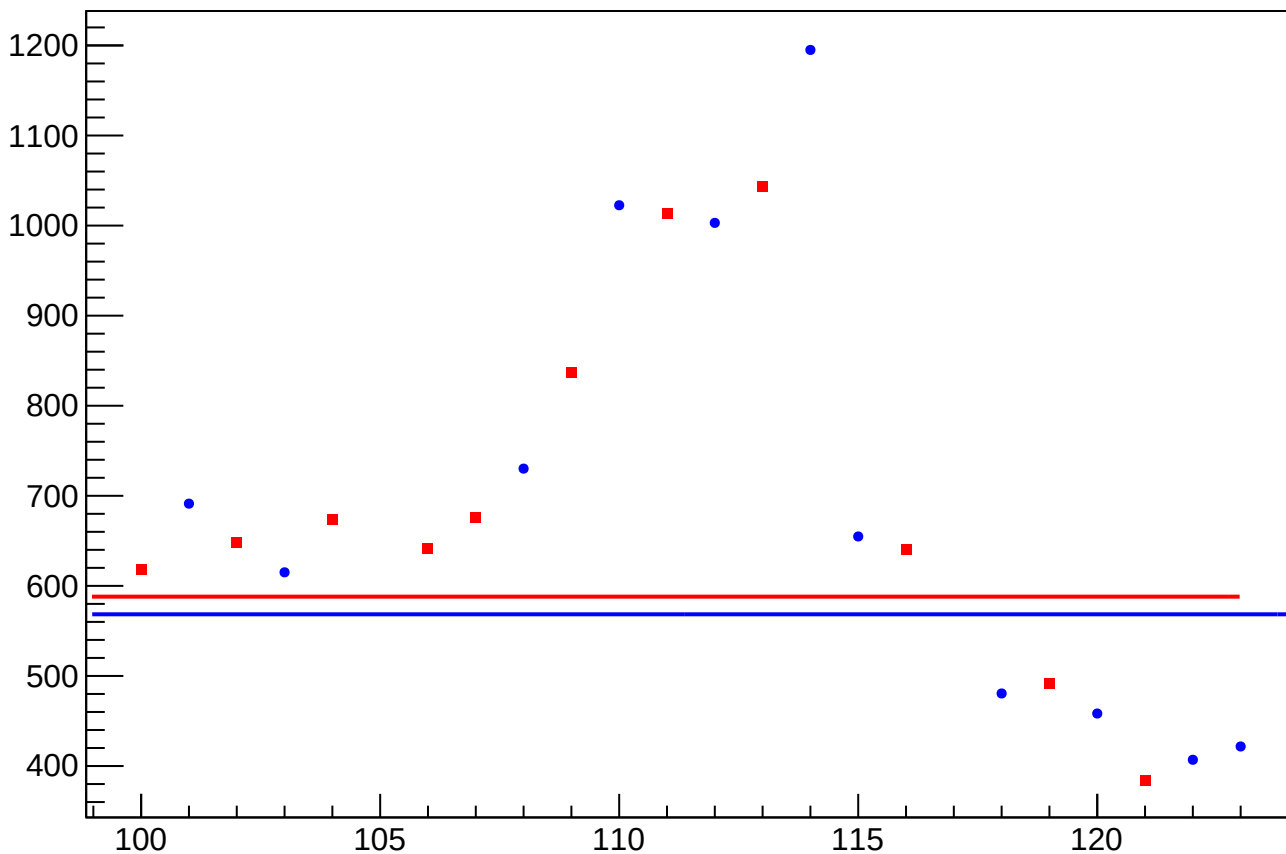
Right: -265.358+/-205.301 χ^2/NDF : 17.0/21

In: -313.518+/-292.467 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.358+/-205.301 χ^2/NDF : 17.0/21

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 568.442+/-0.207 χ^2/NDF : 706731.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.047+/-0.204 χ^2/NDF : 771047.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

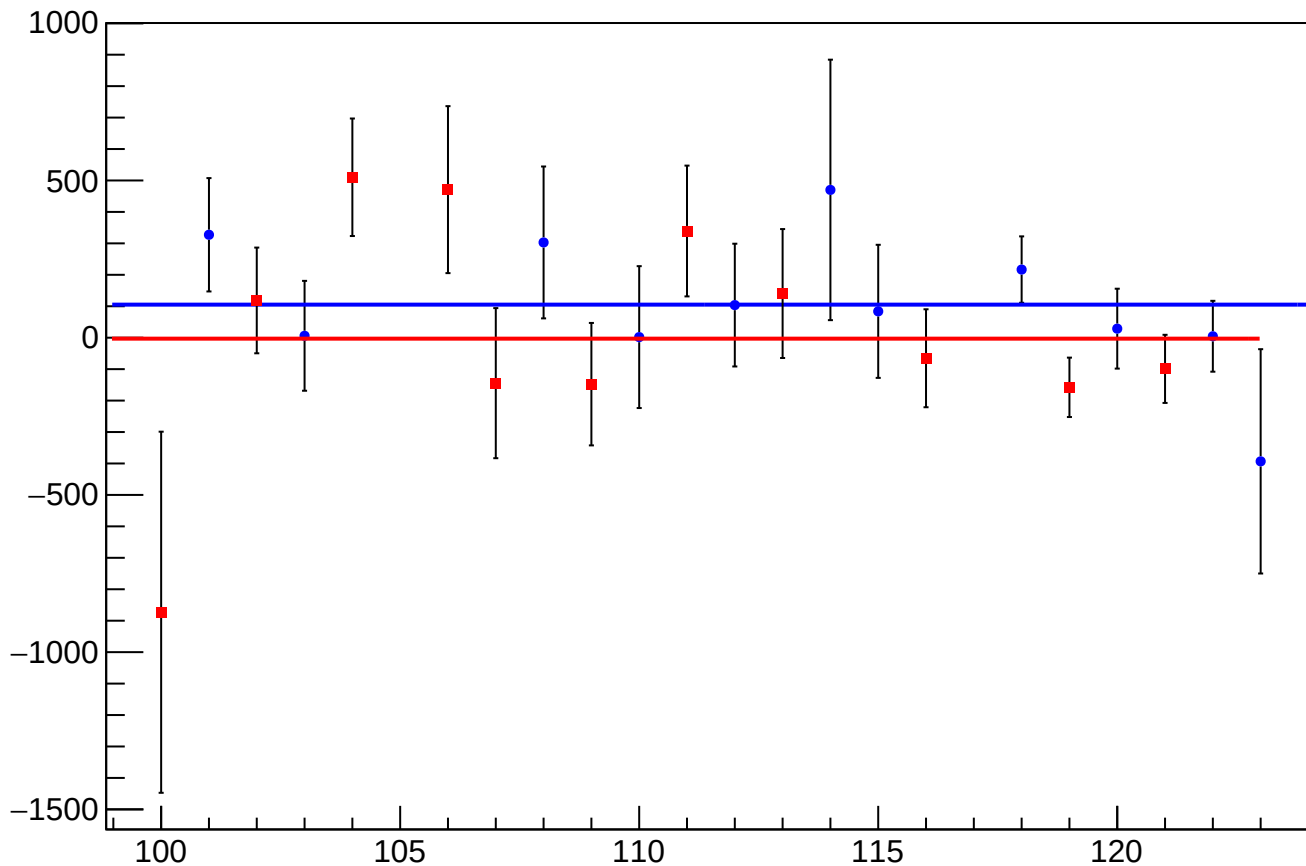
Right: 578.387+/-0.145 χ^2/NDF : 1482337.3/21

In: 568.442+/-0.207 χ^2/NDF : 706731.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.387+/-0.145 χ^2/NDF : 1482337.3/21

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 105.138+/-50.439 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.038+/-49.347 χ^2/NDF : 21.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

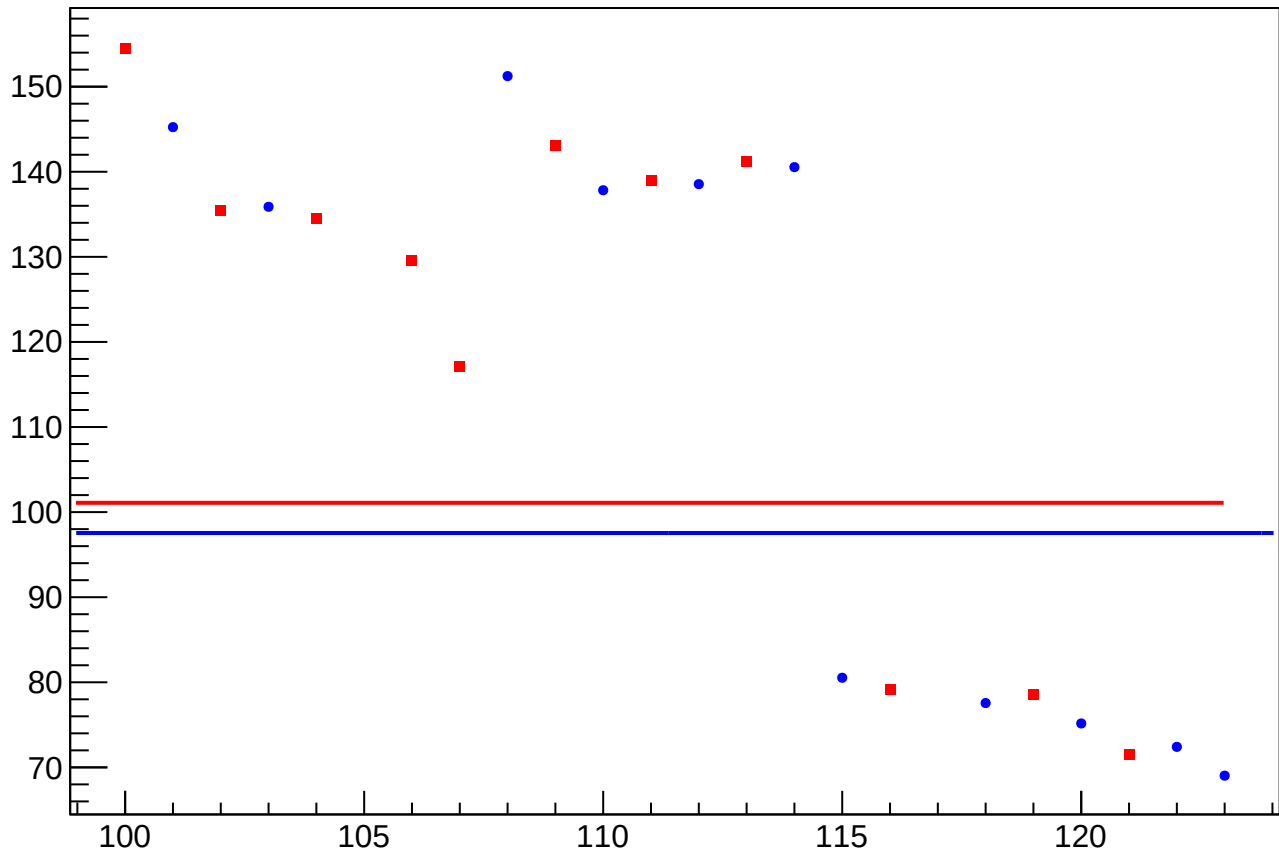
Right: 49.867+/-35.273 χ^2/NDF : 31.4/21

In: 105.138+/-50.439 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.867+/-35.273 χ^2/NDF : 31.4/21

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.545+/-0.036 χ^2/NDF : 767843.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.094+/-0.035 χ^2/NDF : 735927.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

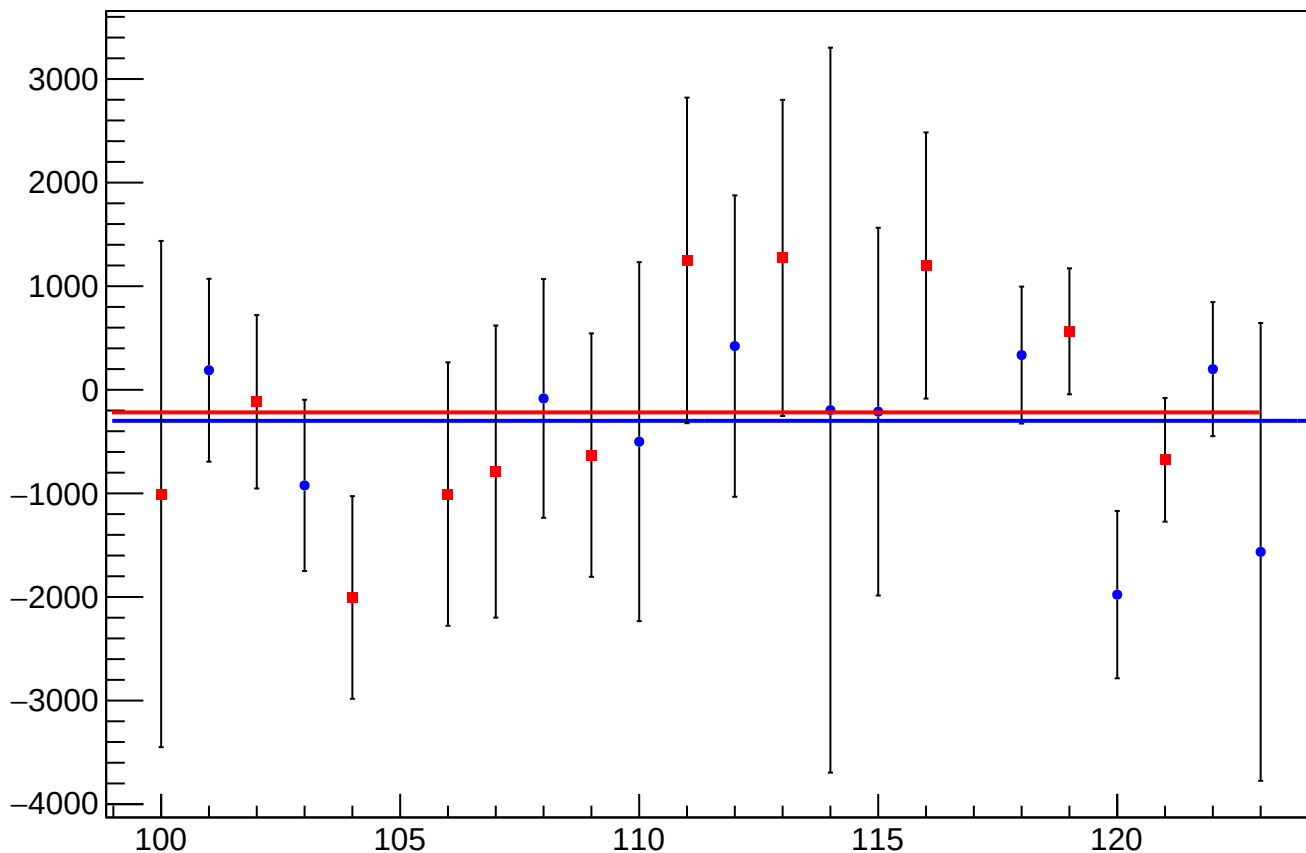
Right: 99.358+/-0.025 χ^2/NDF : 1508830.1/21

In: 97.545+/-0.036 χ^2/NDF : 767843.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.358+/-0.025 χ^2/NDF : 1508830.1/21

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -299.442 ± 299.882 χ^2/NDF : 7.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -218.145 ± 295.685 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

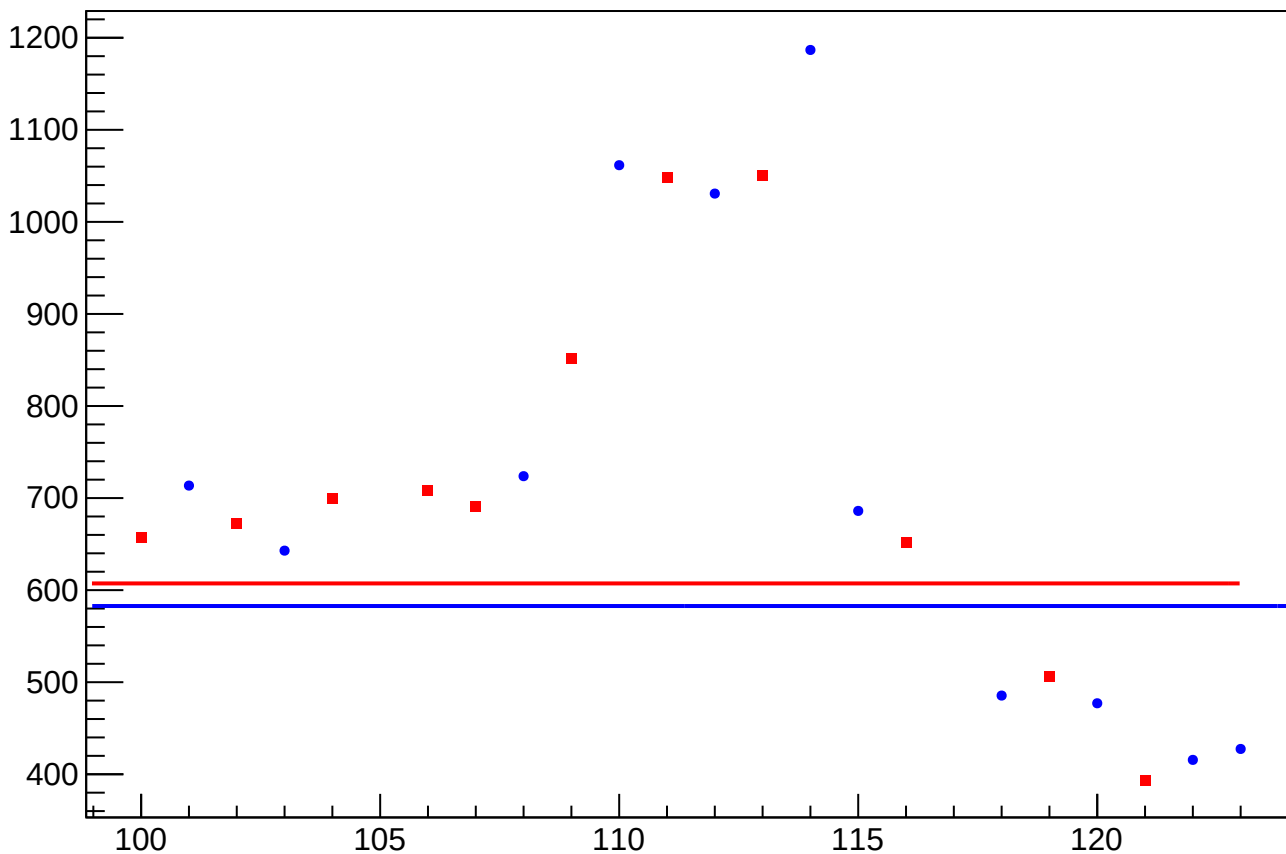
Right: -258.221 ± 210.549 χ^2/NDF : 16.8/21

In: -299.442 ± 299.882 χ^2/NDF : 7.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -258.221 ± 210.549 χ^2/NDF : 16.8/21

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 582.749+/-0.212 χ^2/NDF : 714096.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.294+/-0.209 χ^2/NDF : 778103.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

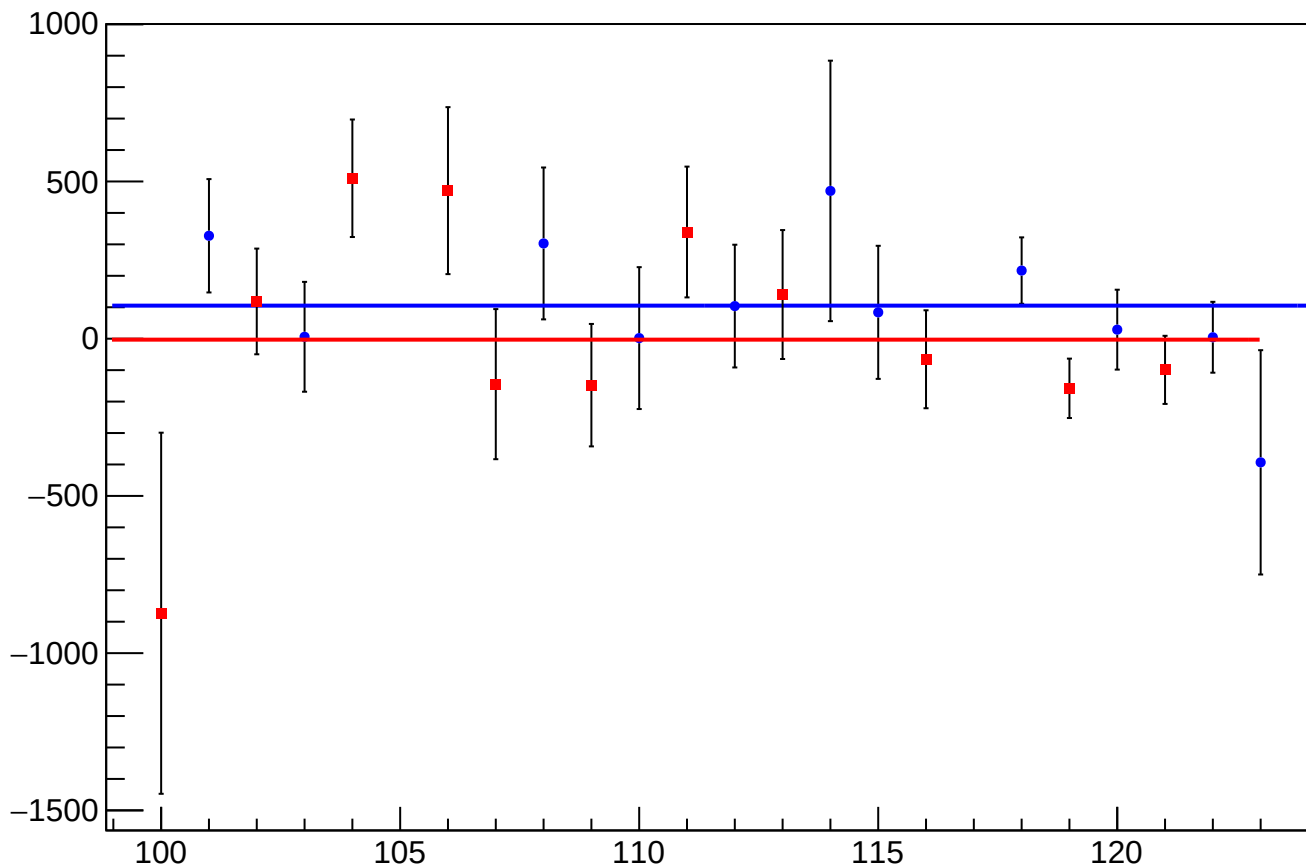
Right: 595.194+/-0.149 χ^2/NDF : 1498993.6/21

In: 582.749+/-0.212 χ^2/NDF : 714096.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.194+/-0.149 χ^2/NDF : 1498993.6/21

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 105.138+/-50.439 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.038+/-49.347 χ^2/NDF : 21.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

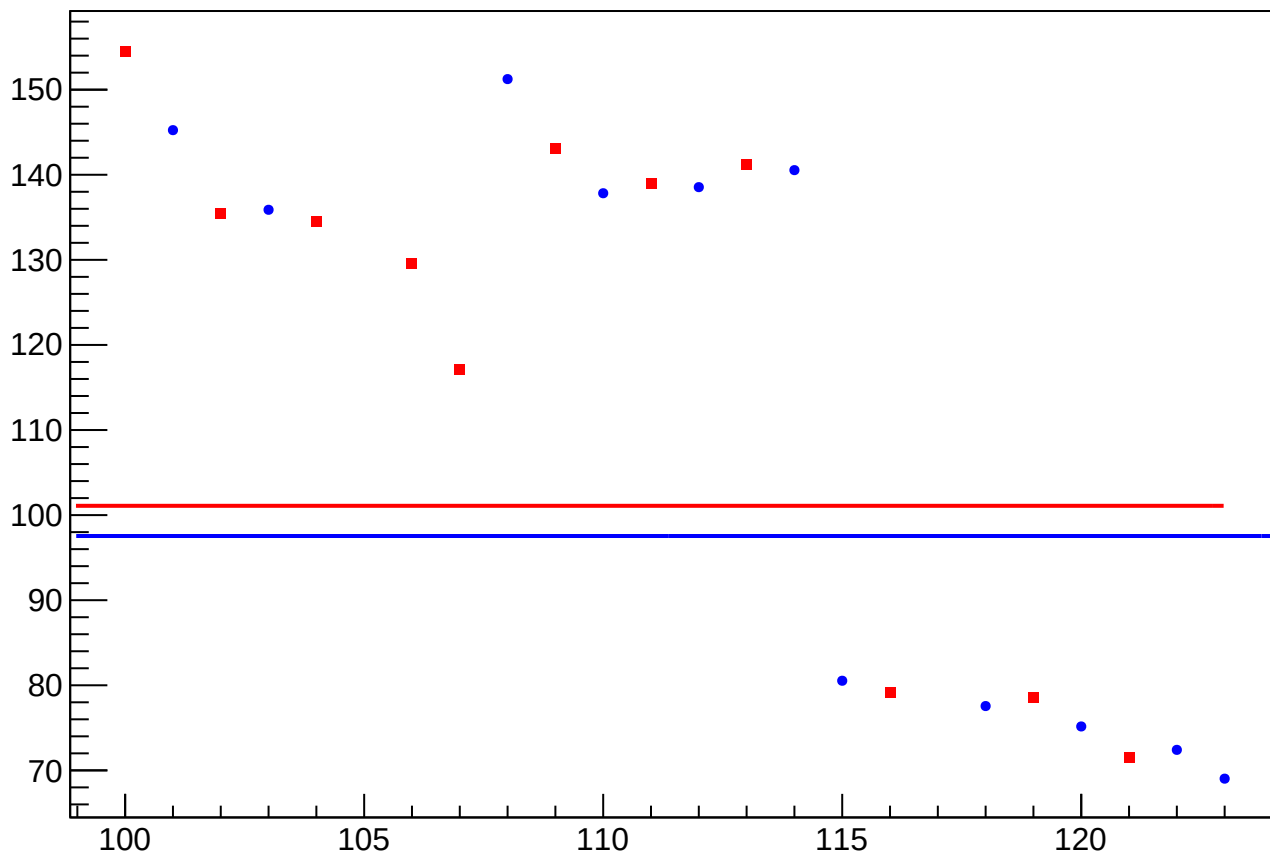
Right: 49.867+/-35.273 χ^2/NDF : 31.4/21

In: 105.138+/-50.439 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.867+/-35.273 χ^2/NDF : 31.4/21

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.544+/-0.036 χ^2/NDF : 767844.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.093+/-0.035 χ^2/NDF : 735927.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

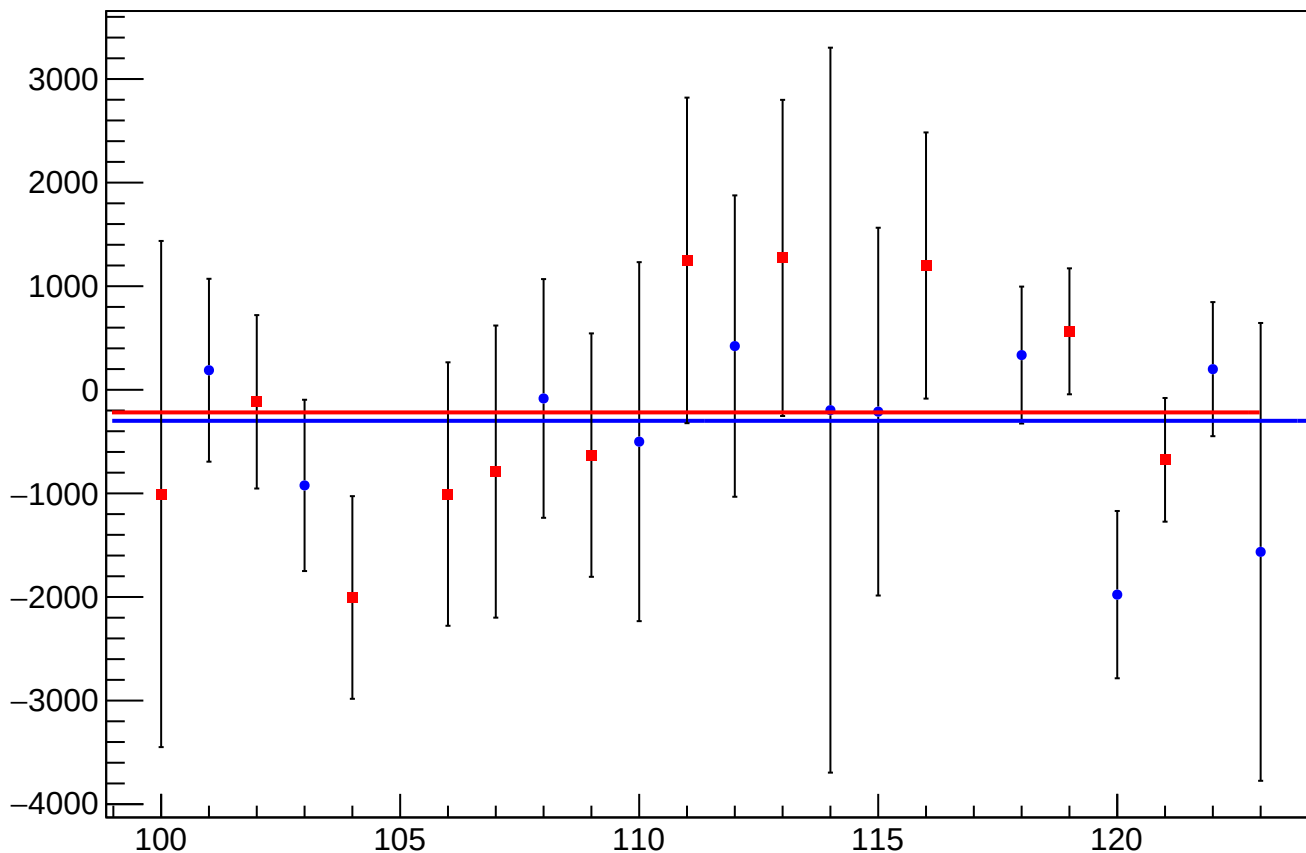
Right: 99.358+/-0.025 χ^2/NDF : 1508831.5/21

In: 97.544+/-0.036 χ^2/NDF : 767844.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.358+/-0.025 χ^2/NDF : 1508831.5/21

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -299.443+/-299.881 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.145+/-295.685 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

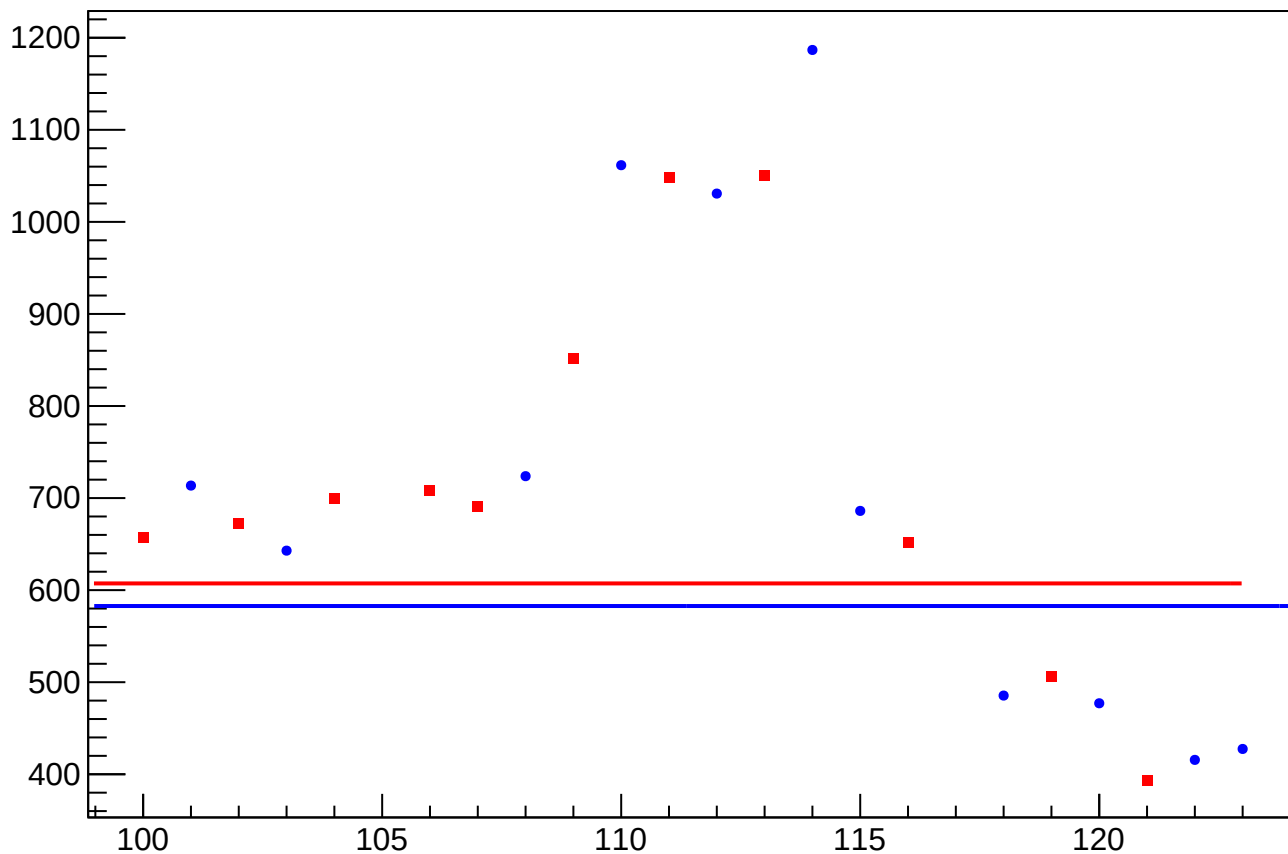
Right: -258.221+/-210.549 χ^2/NDF : 16.8/21

In: -299.443+/-299.881 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.221+/-210.549 χ^2/NDF : 16.8/21

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 582.748+/-0.212 χ^2/NDF : 714098.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.293+/-0.209 χ^2/NDF : 778105.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

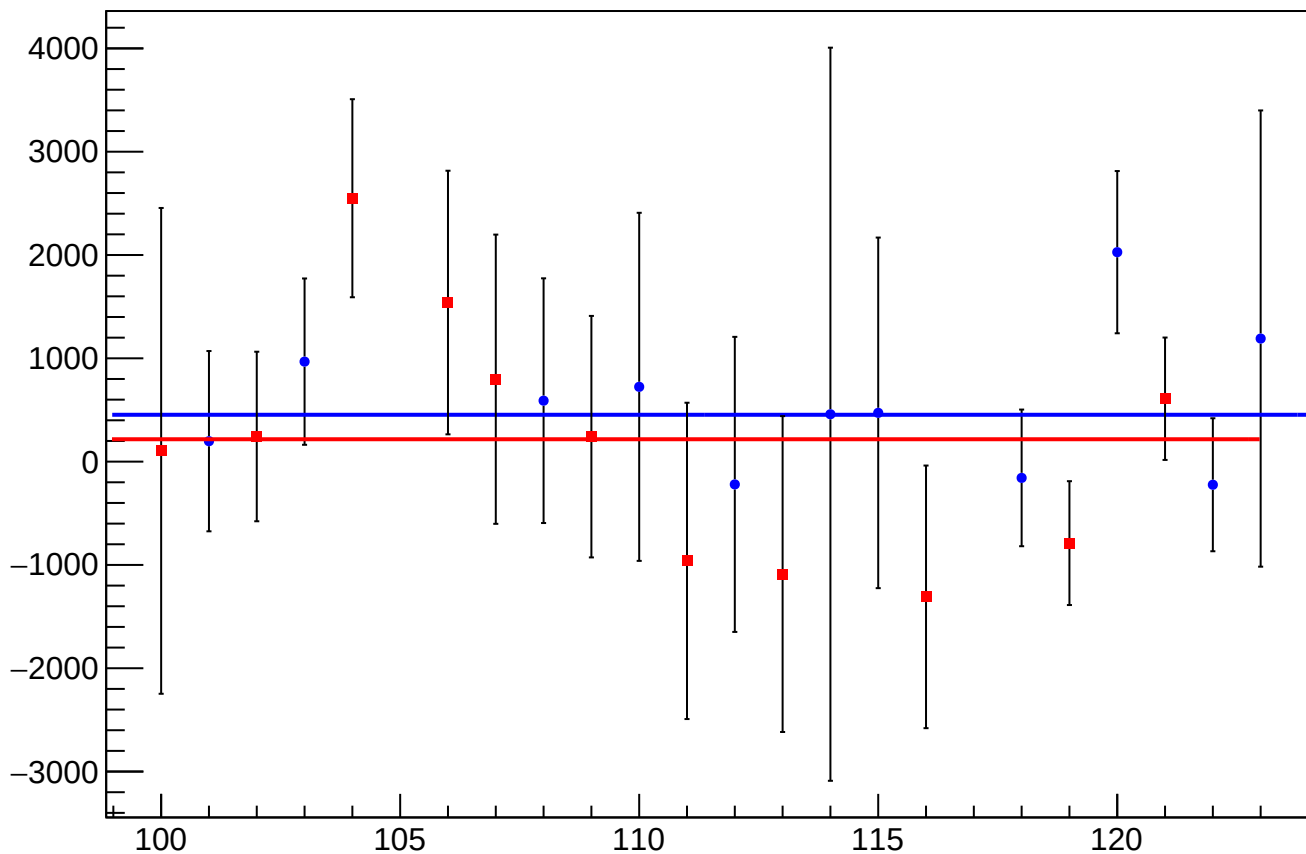
Right: 595.193+/-0.149 χ^2/NDF : 1498997.0/21

In: 582.748+/-0.212 χ^2/NDF : 714098.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.193+/-0.149 χ^2/NDF : 1498997.0/21

asym_sam1_mean vs Slug, Sign Corrected



Right In: 453.526+/-296.627 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.629+/-292.130 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

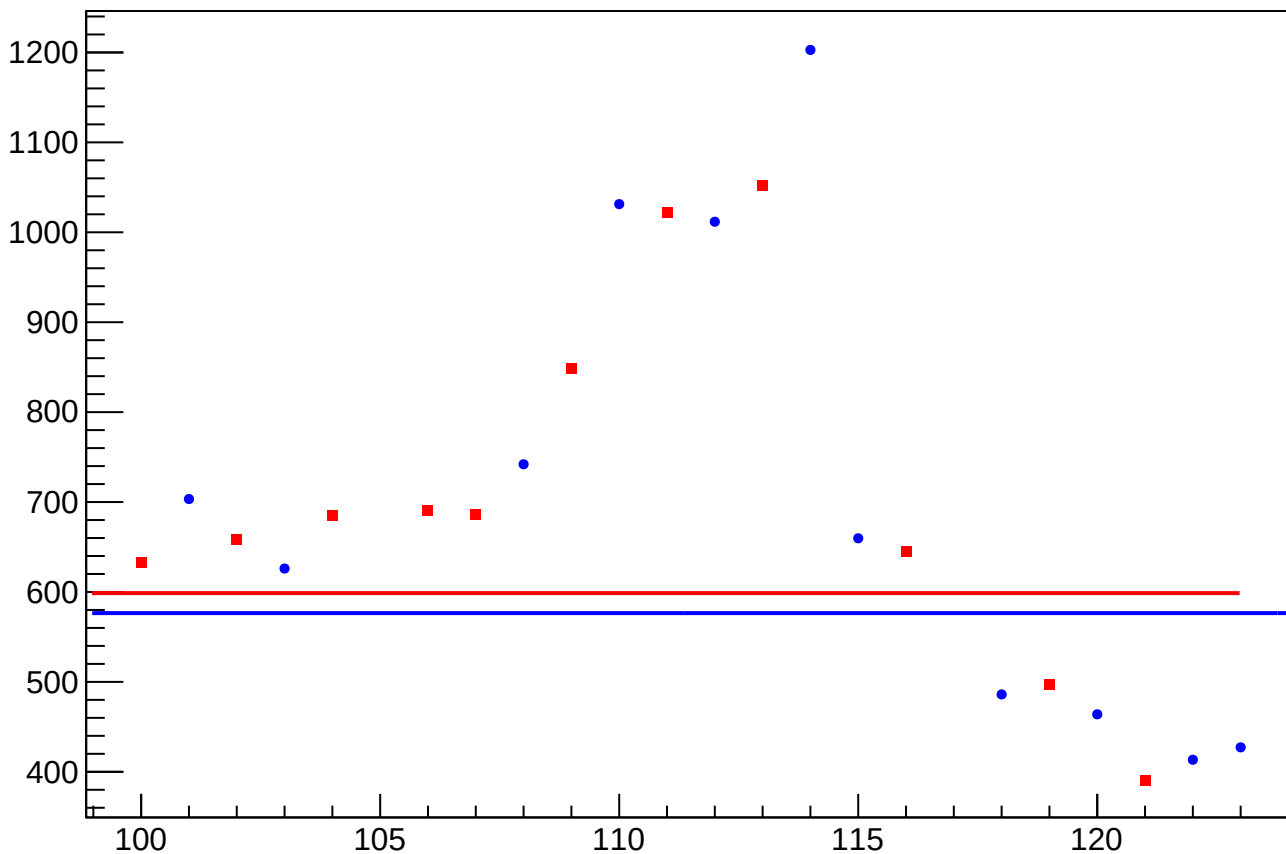
Right: 333.268+/-208.139 χ^2/NDF : 20.4/21

In: 453.526+/-296.627 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.268+/-208.139 χ^2/NDF : 20.4/21

asym_sam1_rms vs Slug, Sign Corrected



Right In: 576.493+/-0.210 χ^2/NDF : 703621.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.728+/-0.207 χ^2/NDF : 772043.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

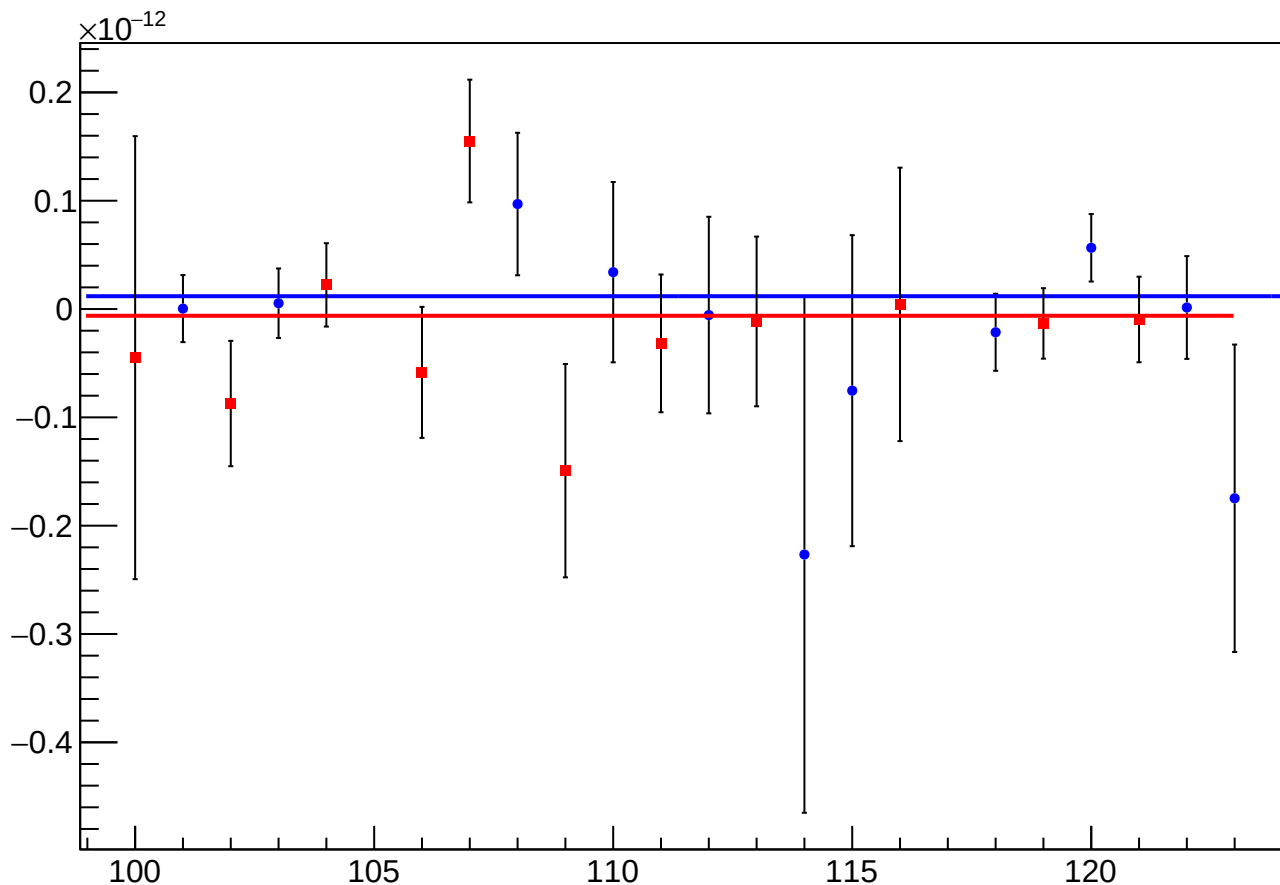
Right: 587.780+/-0.147 χ^2/NDF : 1481369.6/21

In: 576.493+/-0.210 χ^2/NDF : 703621.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.780+/-0.147 χ^2/NDF : 1481369.6/21

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

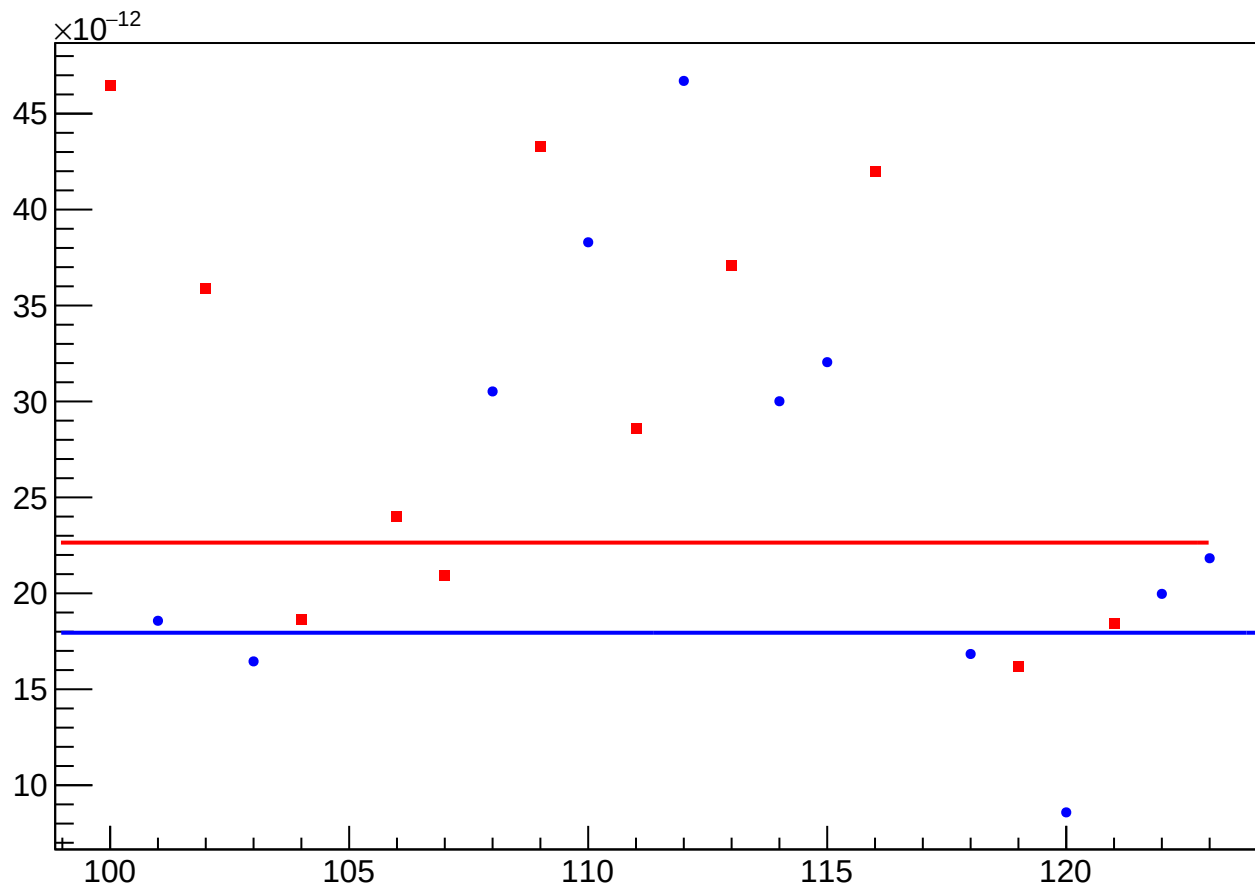
Right: 0.000+/-0.000 χ^2/NDF : 22.5/21

In: 0.000+/-0.000 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/21

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 610899.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 478498.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

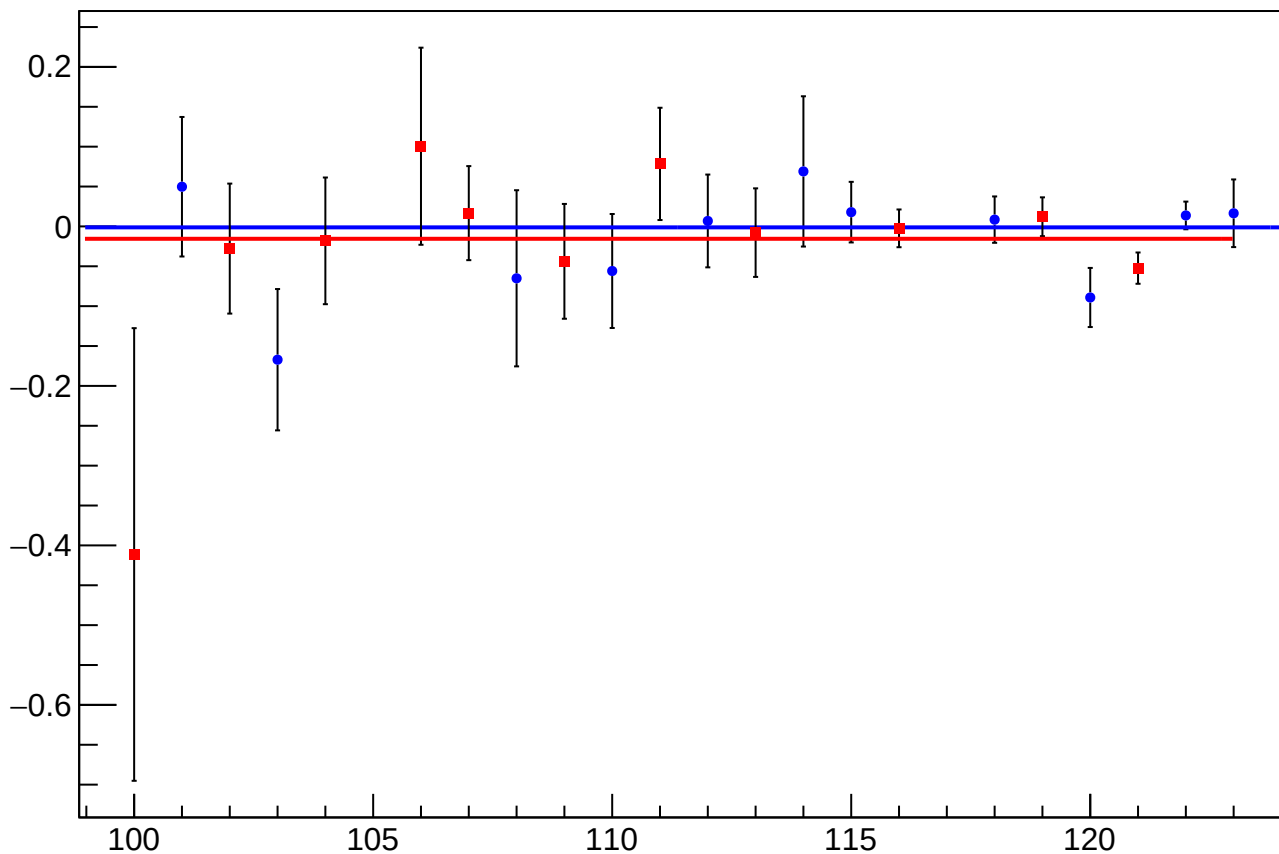
Right: 0.000+/-0.000 χ^2/NDF : 1183025.5/21

In: 0.000+/-0.000 χ^2/NDF : 610899.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1183025.5/21

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.012 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.012 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

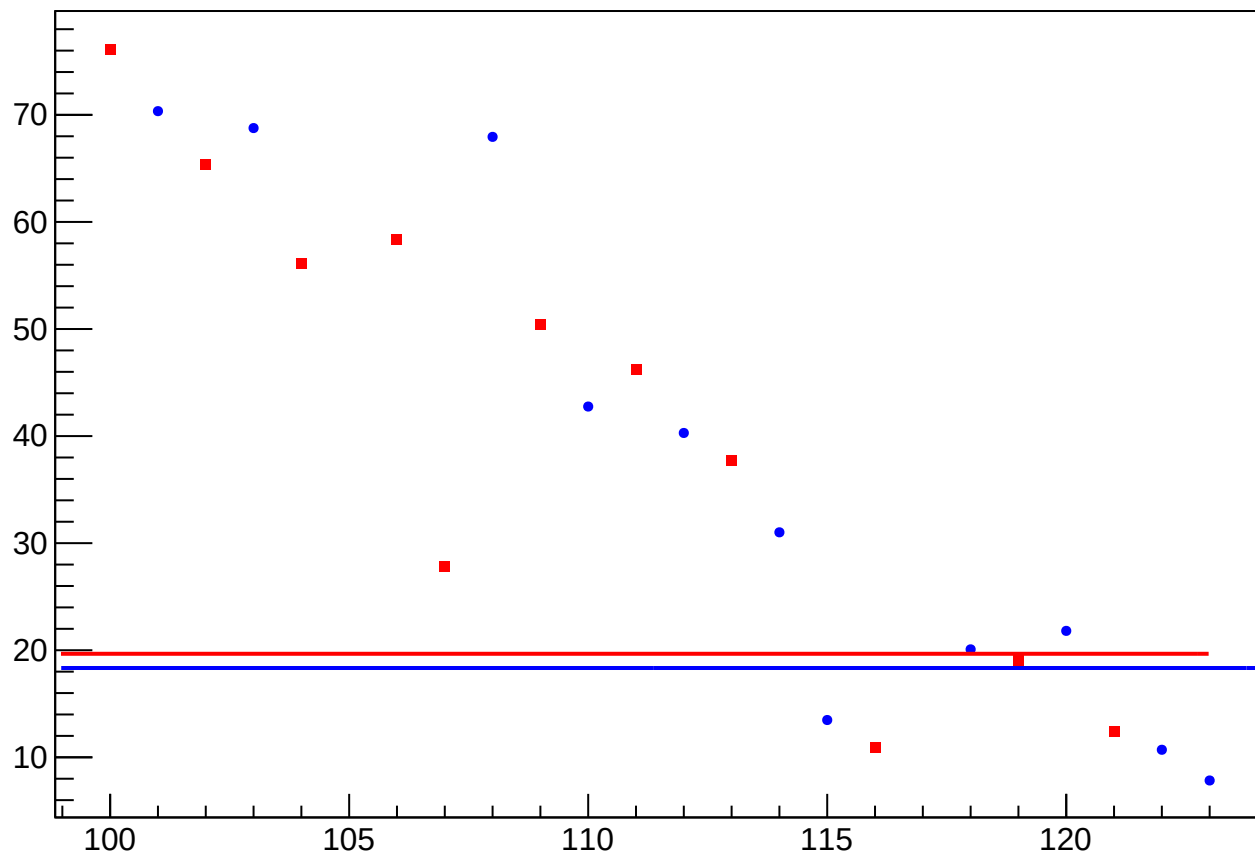
Right: -0.008 $\pm$ 0.008 χ^2 /NDF: 23.2/21

In: -0.001 $\pm$ 0.012 χ^2 /NDF:12.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.008 χ^2 /NDF: 23.2/21

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.340+/-0.008 χ^2/NDF : 2879593.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.669+/-0.008 χ^2/NDF : 2770010.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

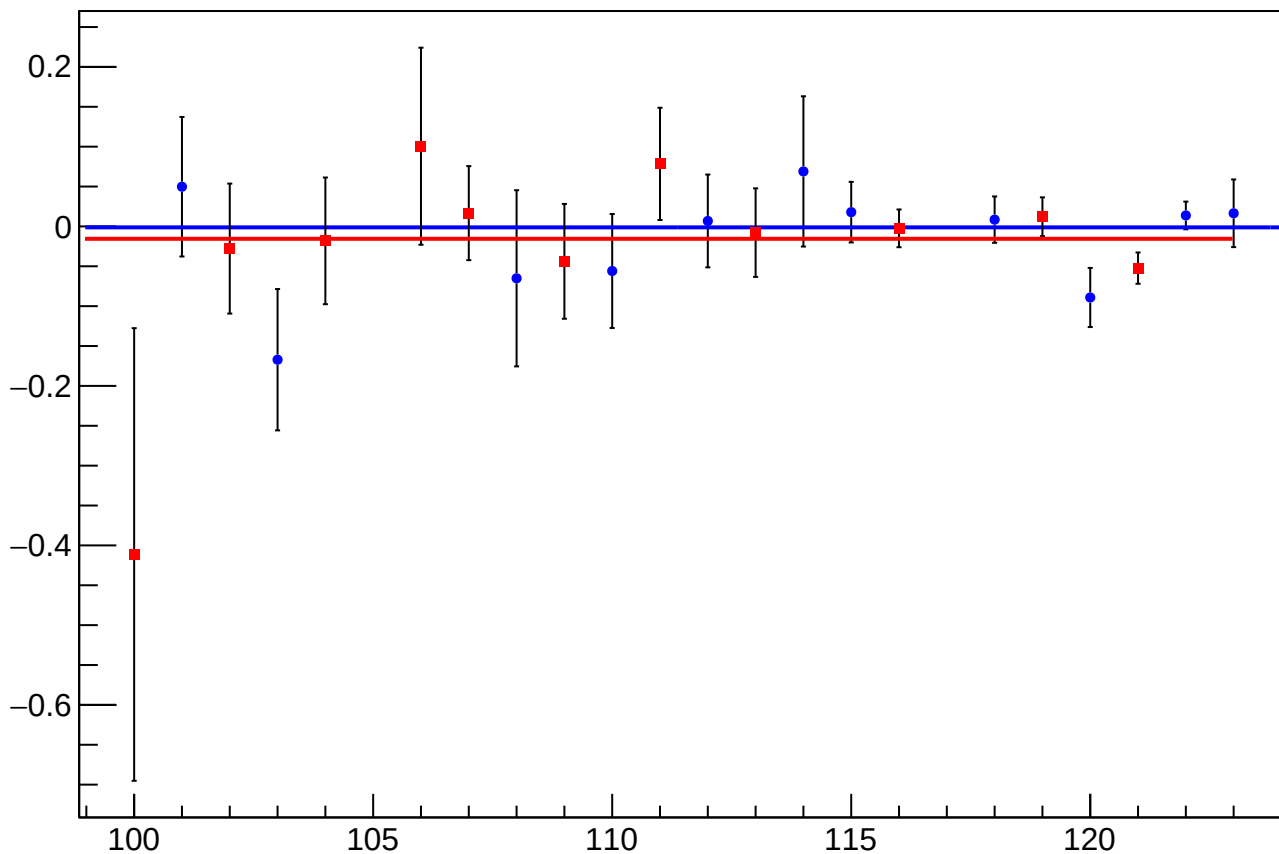
Right: 19.006+/-0.006 χ^2/NDF : 5662734.8/21

In: 18.340+/-0.008 χ^2/NDF : 2879593.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.006+/-0.006 χ^2/NDF : 5662734.8/21

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.012 χ^2/NDF : 12.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.012 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

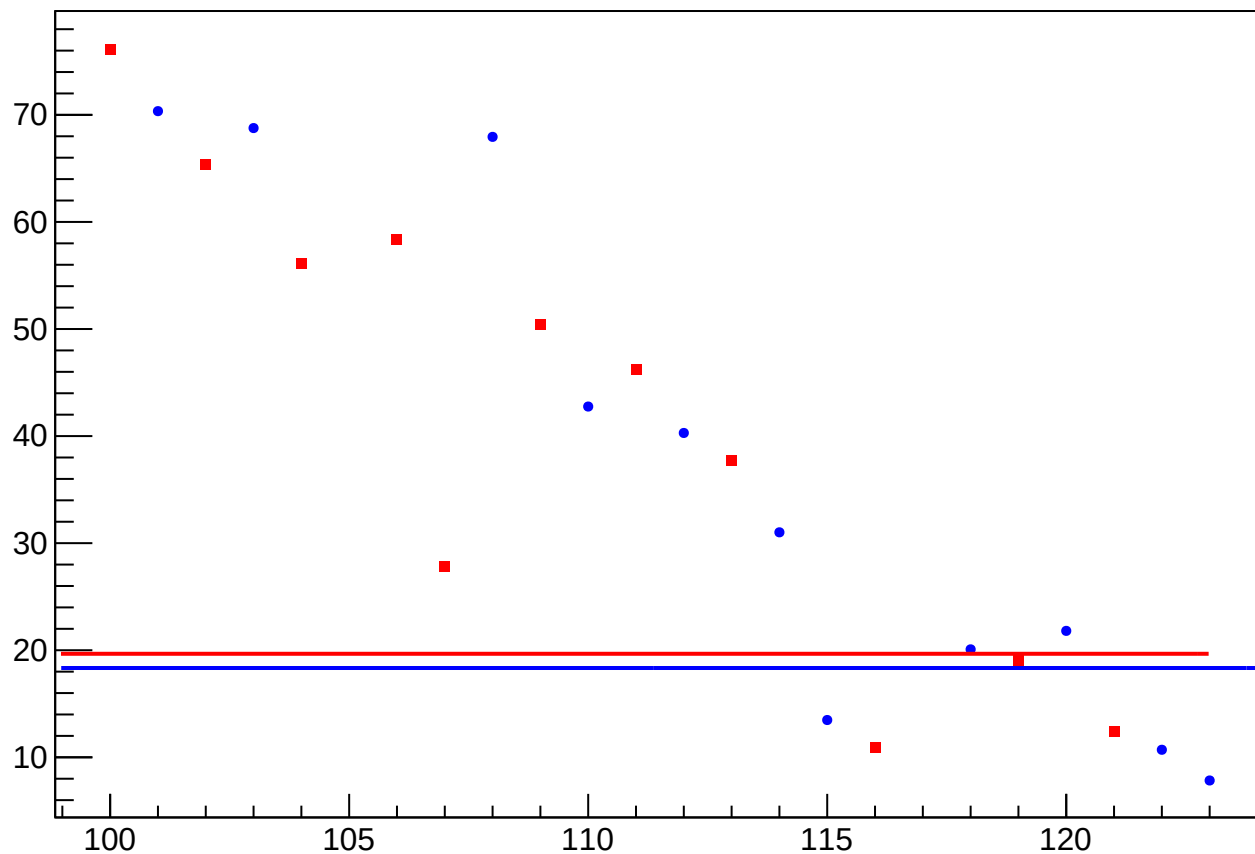
Right: -0.008 ± 0.008 χ^2/NDF : 23.2/21

In: -0.001 ± 0.012 χ^2/NDF : 12.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.008 χ^2/NDF : 23.2/21

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.340+/-0.008 χ^2/NDF : 2879593.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.669+/-0.008 χ^2/NDF : 2770010.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

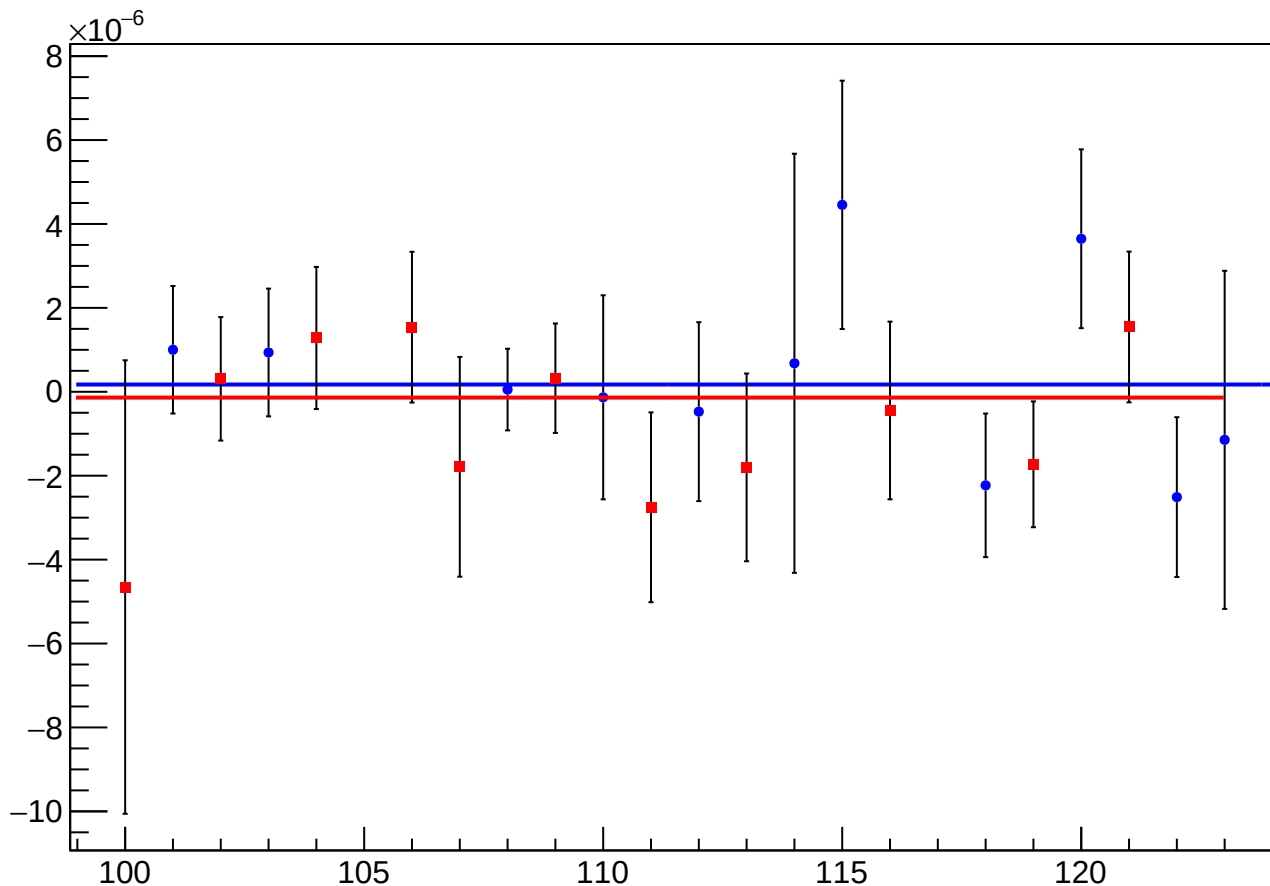
Right: 19.006+/-0.006 χ^2/NDF : 5662734.8/21

In: 18.340+/-0.008 χ^2/NDF : 2879593.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.006+/-0.006 χ^2/NDF : 5662734.8/21

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.5/10

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

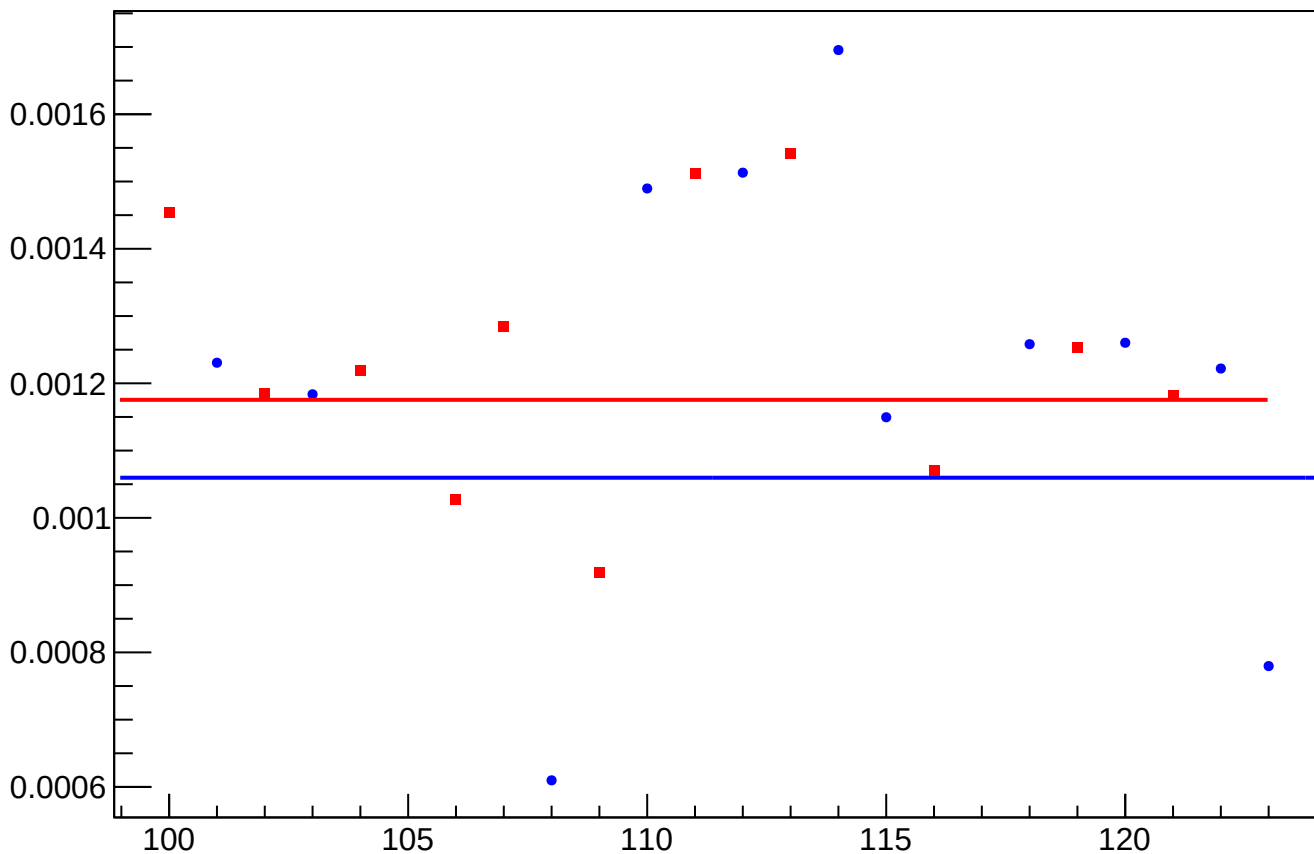
Right: 0.000+/-0.000 χ^2/NDF : 16.5/21

In: 0.000+/-0.000 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/21

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 722123.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 209793.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

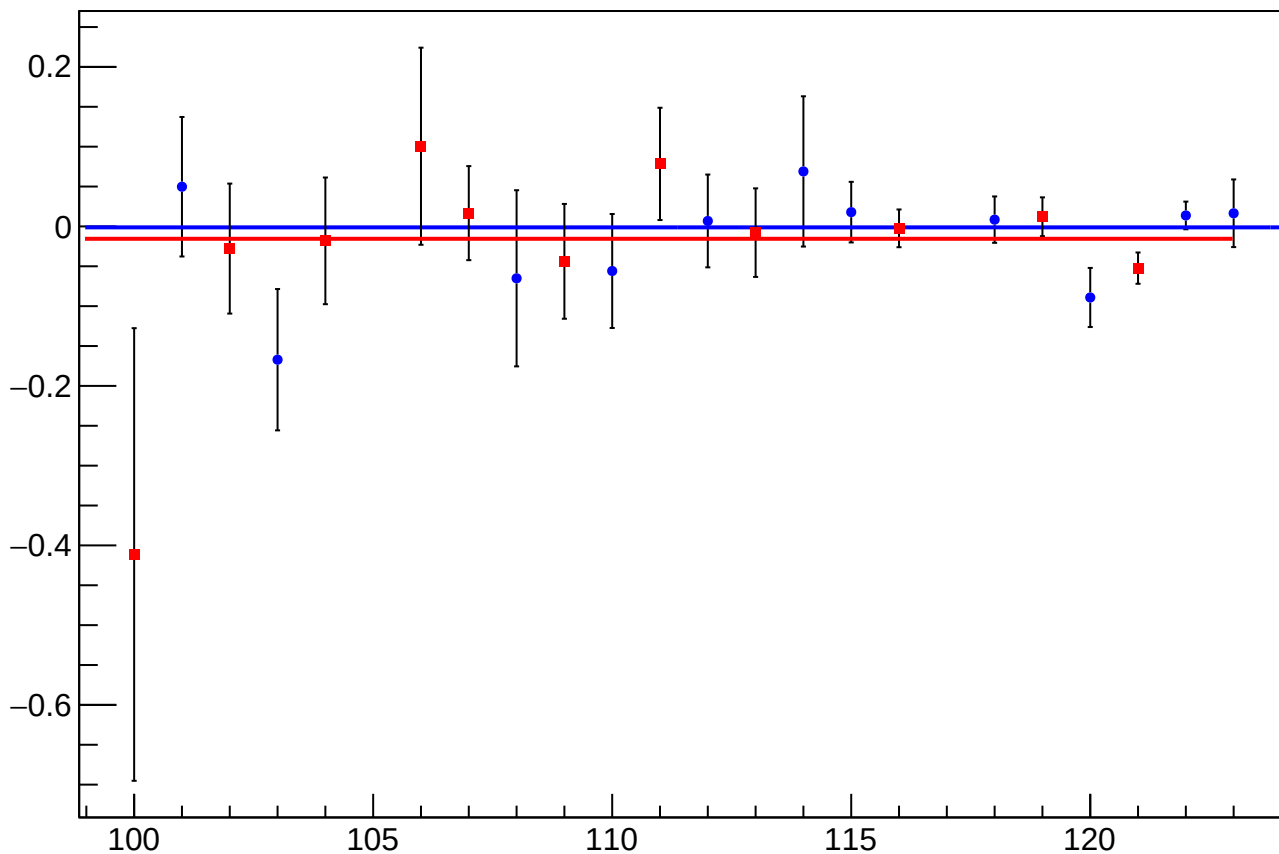
Right: 0.001+/-0.000 χ^2/NDF : 976317.6/21

In: 0.001+/-0.000 χ^2/NDF : 722123.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 976317.6/21

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001+/-0.012 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.012 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

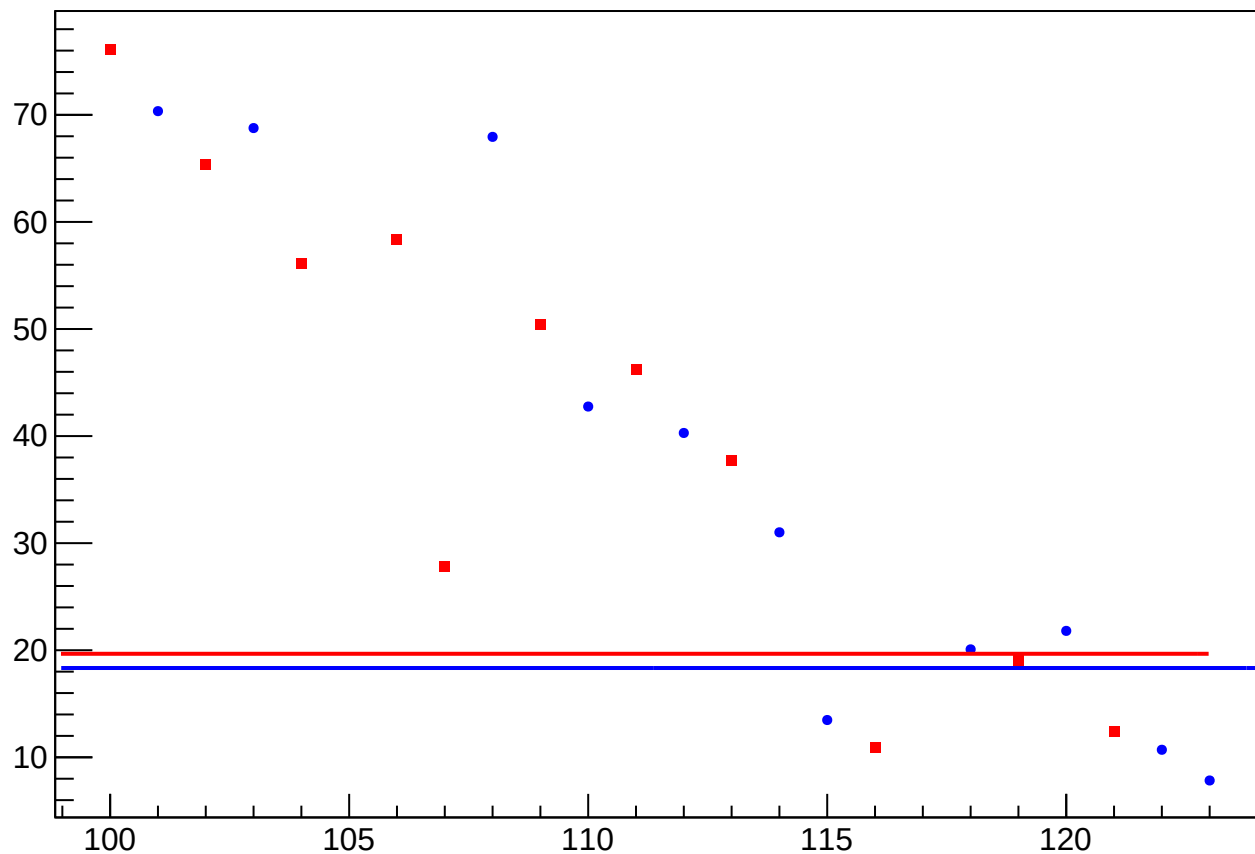
Right: -0.008+/-0.008 χ^2/NDF : 23.2/21

In: -0.001+/-0.012 χ^2/NDF : 12.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.008 χ^2/NDF : 23.2/21

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.340+/-0.008 χ^2/NDF : 2879691.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.668+/-0.008 χ^2/NDF : 2770045.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

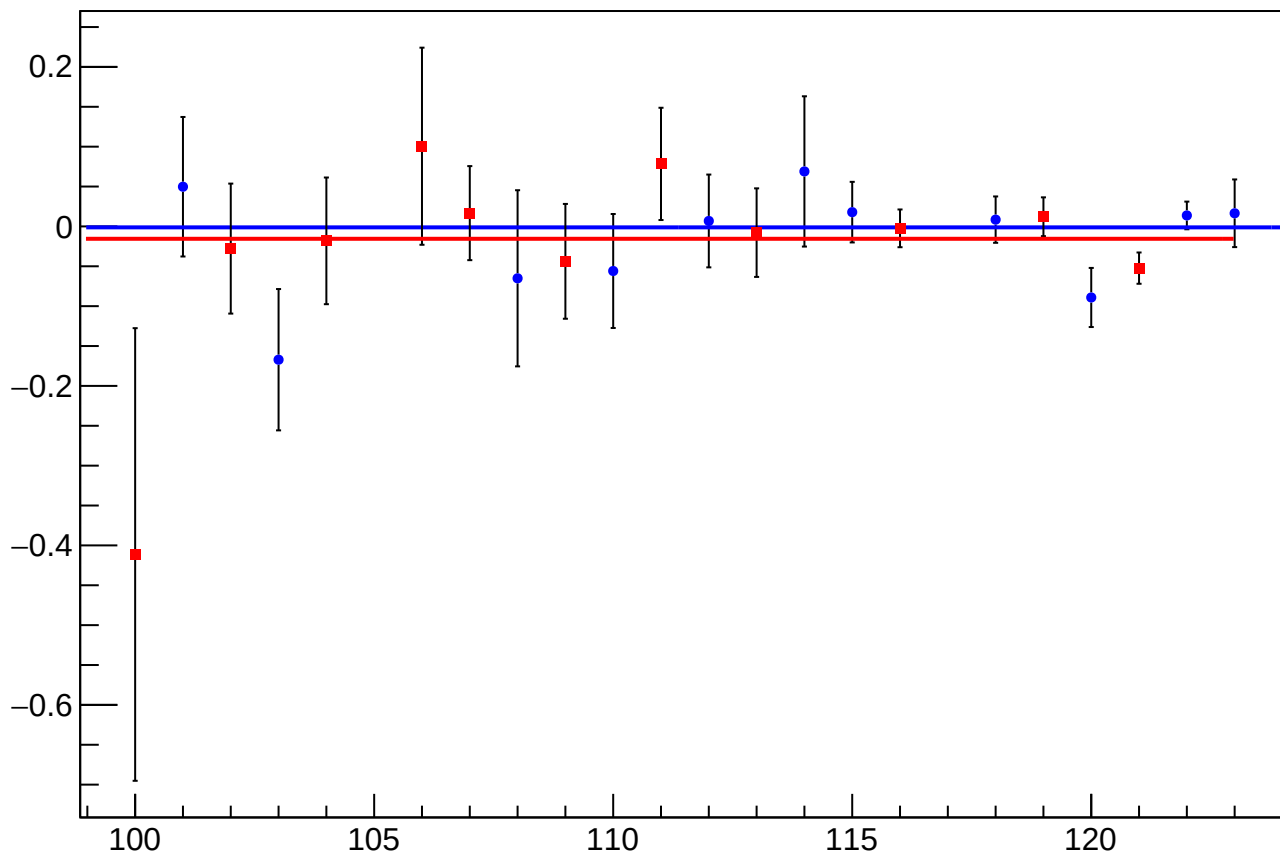
Right: 19.006+/-0.006 χ^2/NDF : 5662876.2/21

In: 18.340+/-0.008 χ^2/NDF : 2879691.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.006+/-0.006 χ^2/NDF : 5662876.2/21

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001+/-0.012 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.012 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

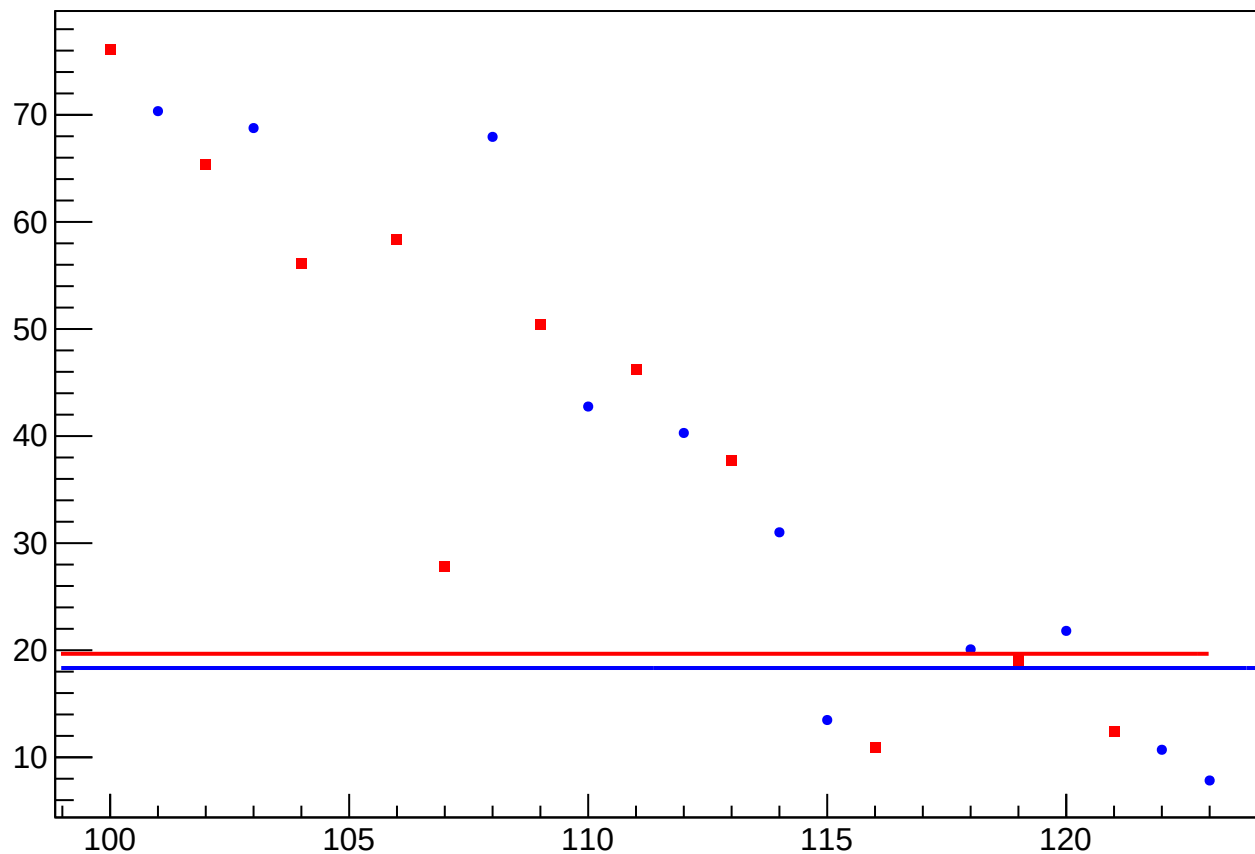
Right: -0.008+/-0.008 χ^2/NDF : 23.2/21

In: -0.001+/-0.012 χ^2/NDF : 12.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.008 χ^2/NDF : 23.2/21

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.340+/-0.008 χ^2/NDF : 2879691.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.668+/-0.008 χ^2/NDF : 2770045.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

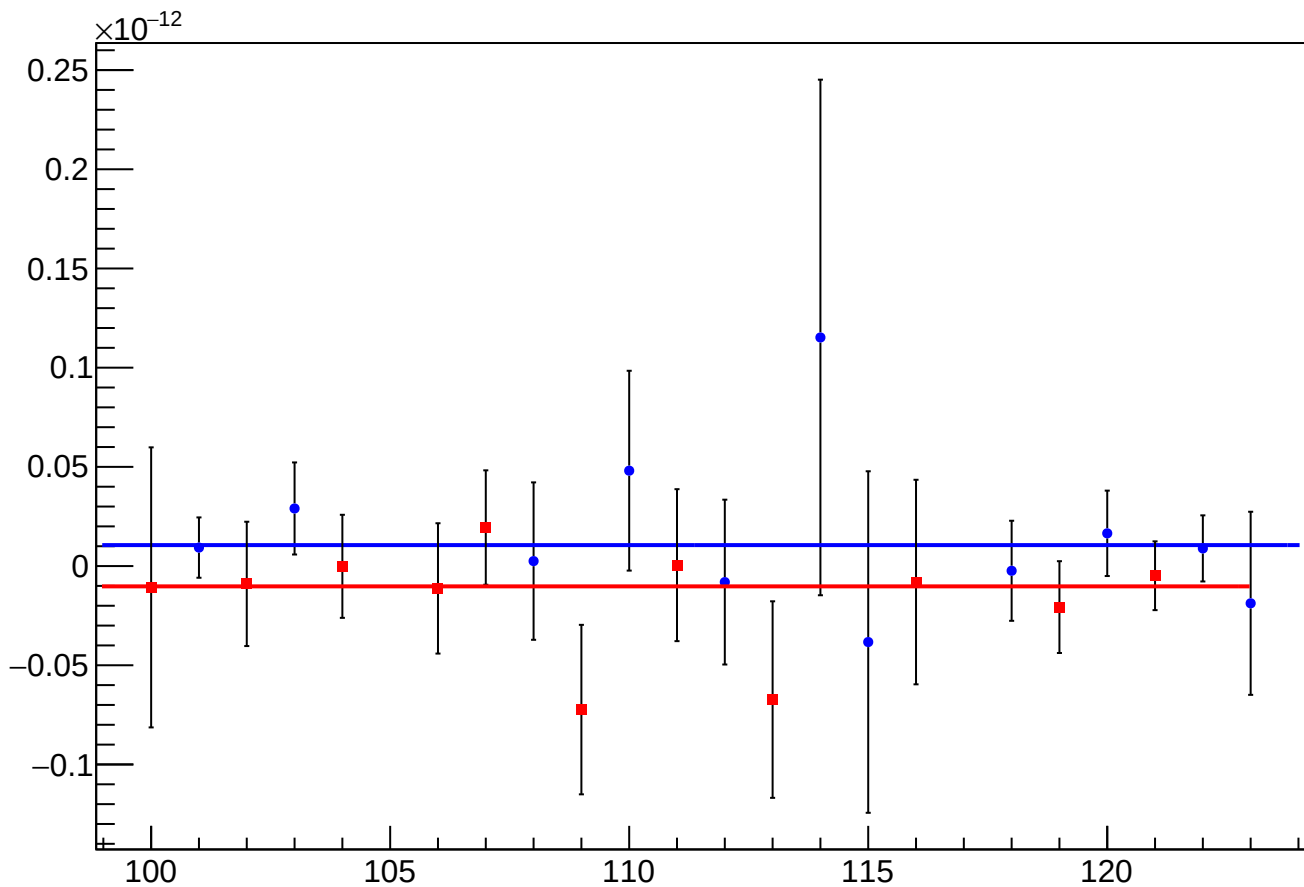
Right: 19.006+/-0.006 χ^2/NDF : 5662876.2/21

In: 18.340+/-0.008 χ^2/NDF : 2879691.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.006+/-0.006 χ^2/NDF : 5662876.2/21

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

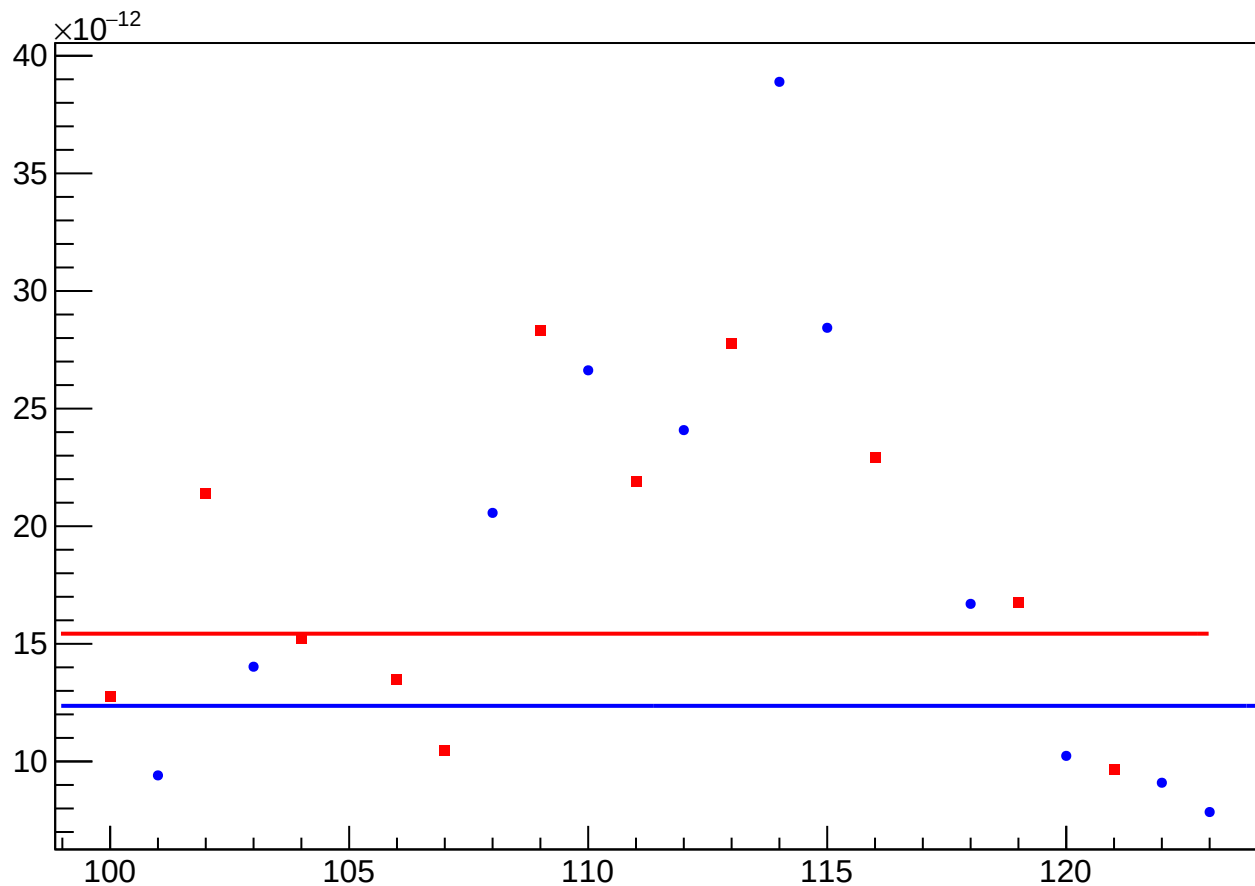
Right: 0.000+/-0.000 χ^2/NDF : 11.2/21

In: 0.000+/-0.000 χ^2/NDF : 3.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.2/21

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 819064.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 774781.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

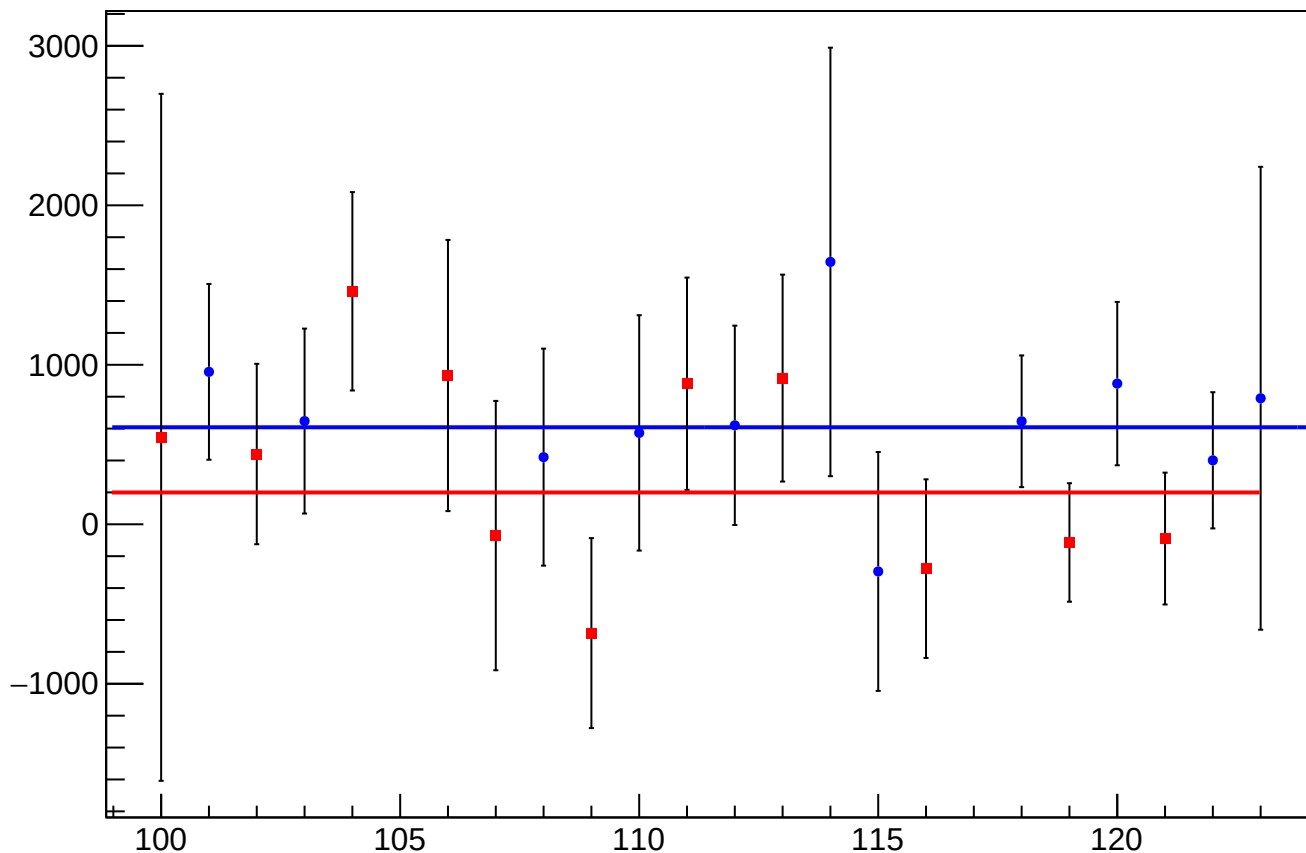
Right: 0.000+/-0.000 χ^2/NDF : 1722412.1/21

In: 0.000+/-0.000 χ^2/NDF : 819064.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1722412.1/21

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 608.251+/-180.198 χ^2/NDF : 3.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.451+/-175.548 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

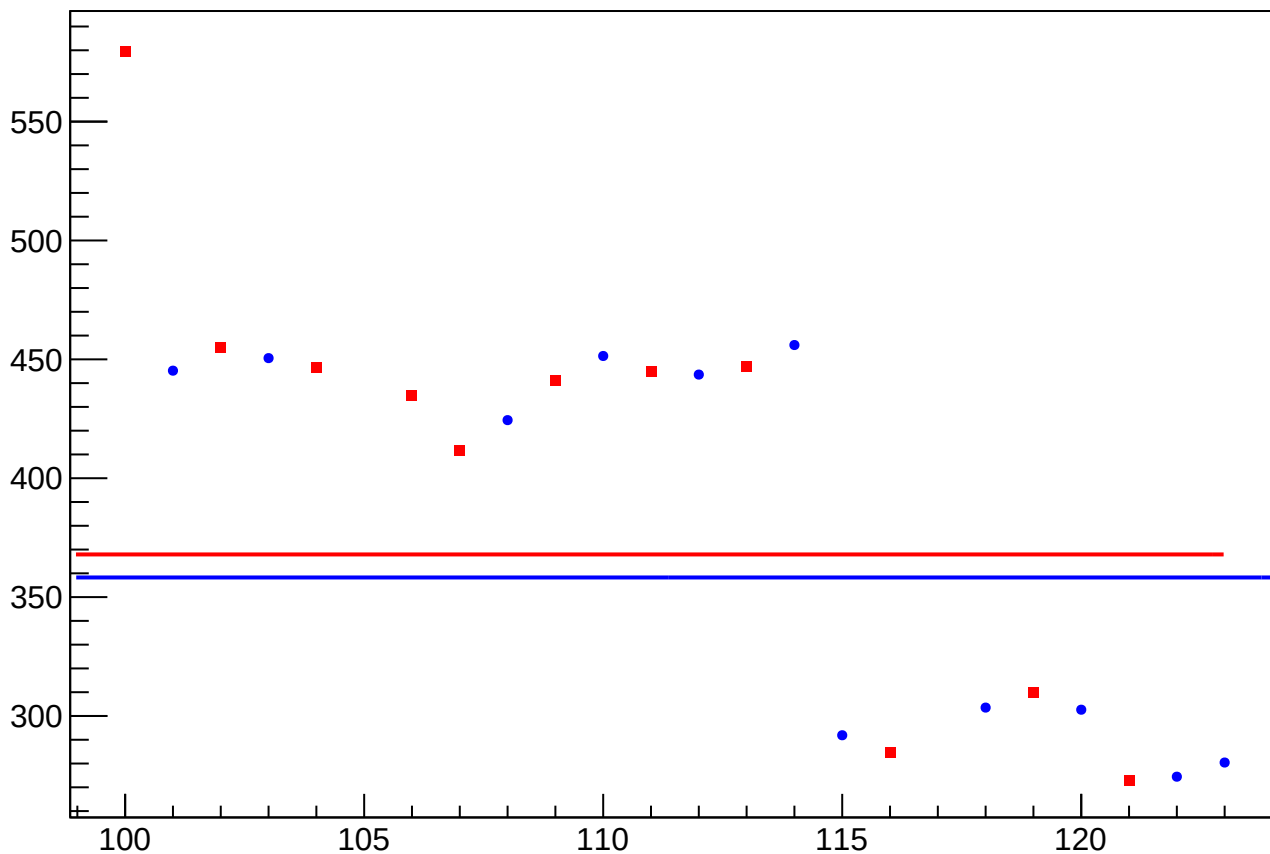
Right: 398.508+/-125.743 χ^2/NDF : 17.3/21

In: 608.251+/-180.198 χ^2/NDF : 3.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.508+/-125.743 χ^2/NDF : 17.3/21

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 358.259+/-0.127 χ^2/NDF : 356344.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.946+/-0.124 χ^2/NDF : 401543.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

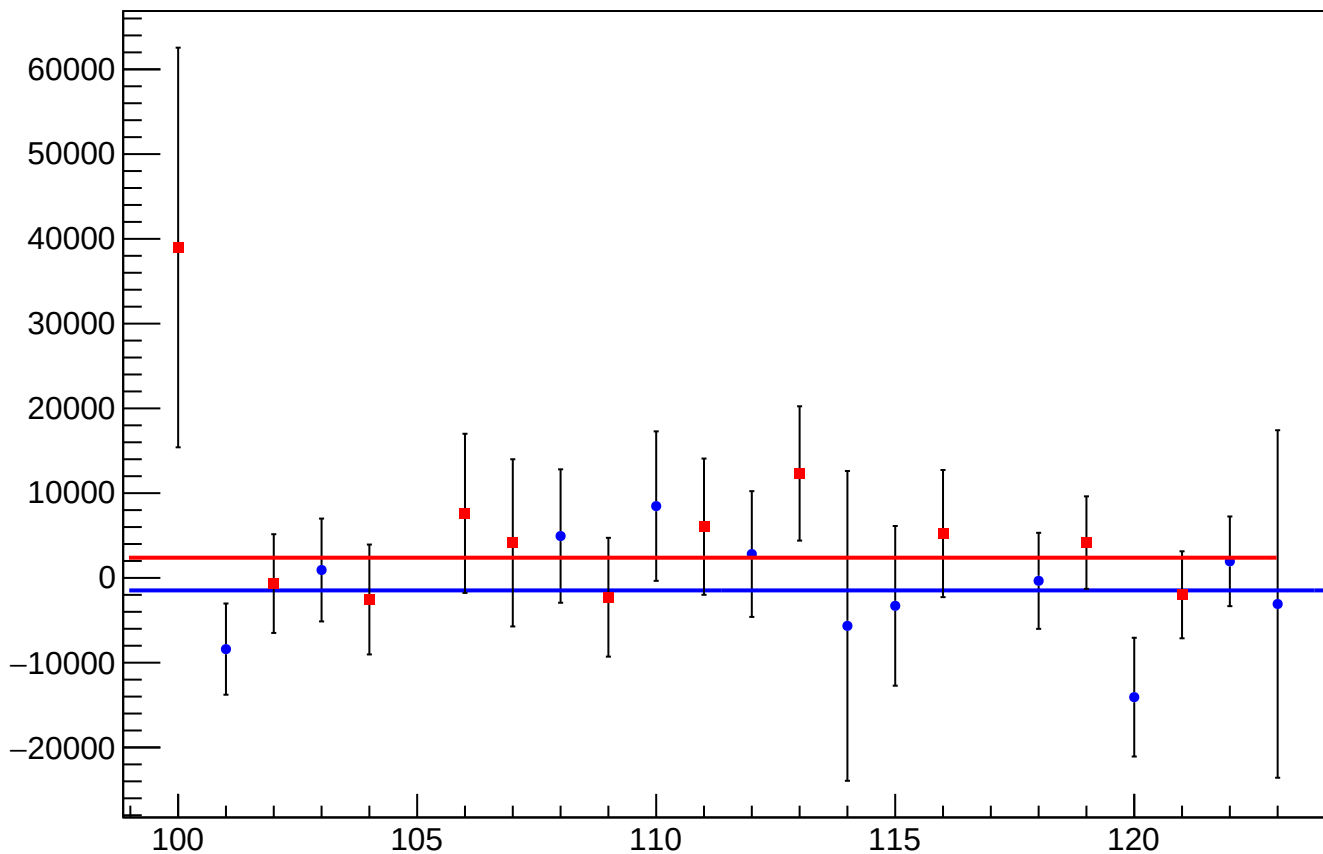
Right: 363.229+/-0.089 χ^2/NDF : 760853.7/21

In: 358.259+/-0.127 χ^2/NDF : 356344.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.229+/-0.089 χ^2/NDF : 760853.7/21

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1474.208+/-2167.725 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2385.667+/-2142.709 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

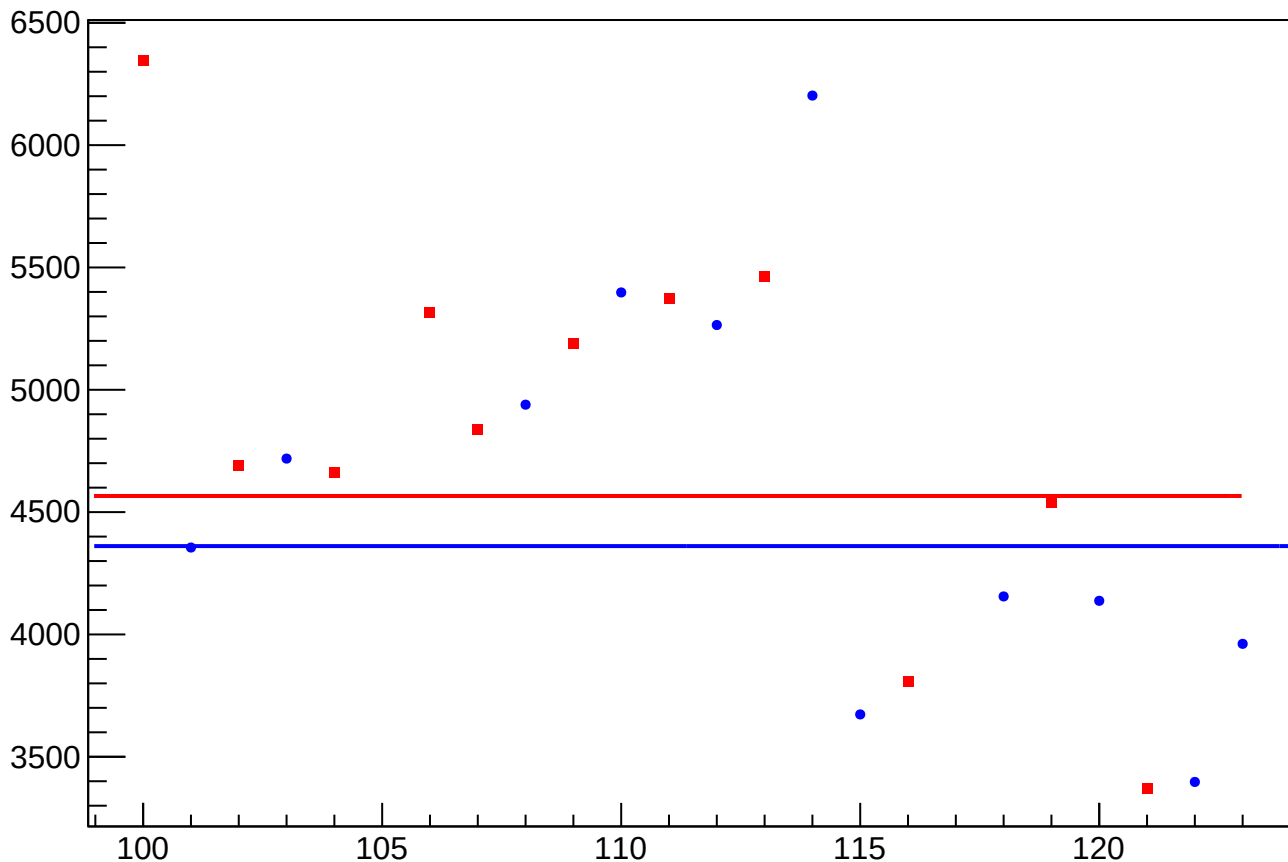
Right: 478.130+/-1523.892 χ^2/NDF : 16.3/21

In: -1474.208+/-2167.725 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.130+/-1523.892 χ^2/NDF : 16.3/21

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4361.132+/-1.533 χ^2/NDF : 177890.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4565.971+/-1.515 χ^2/NDF : 217756.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

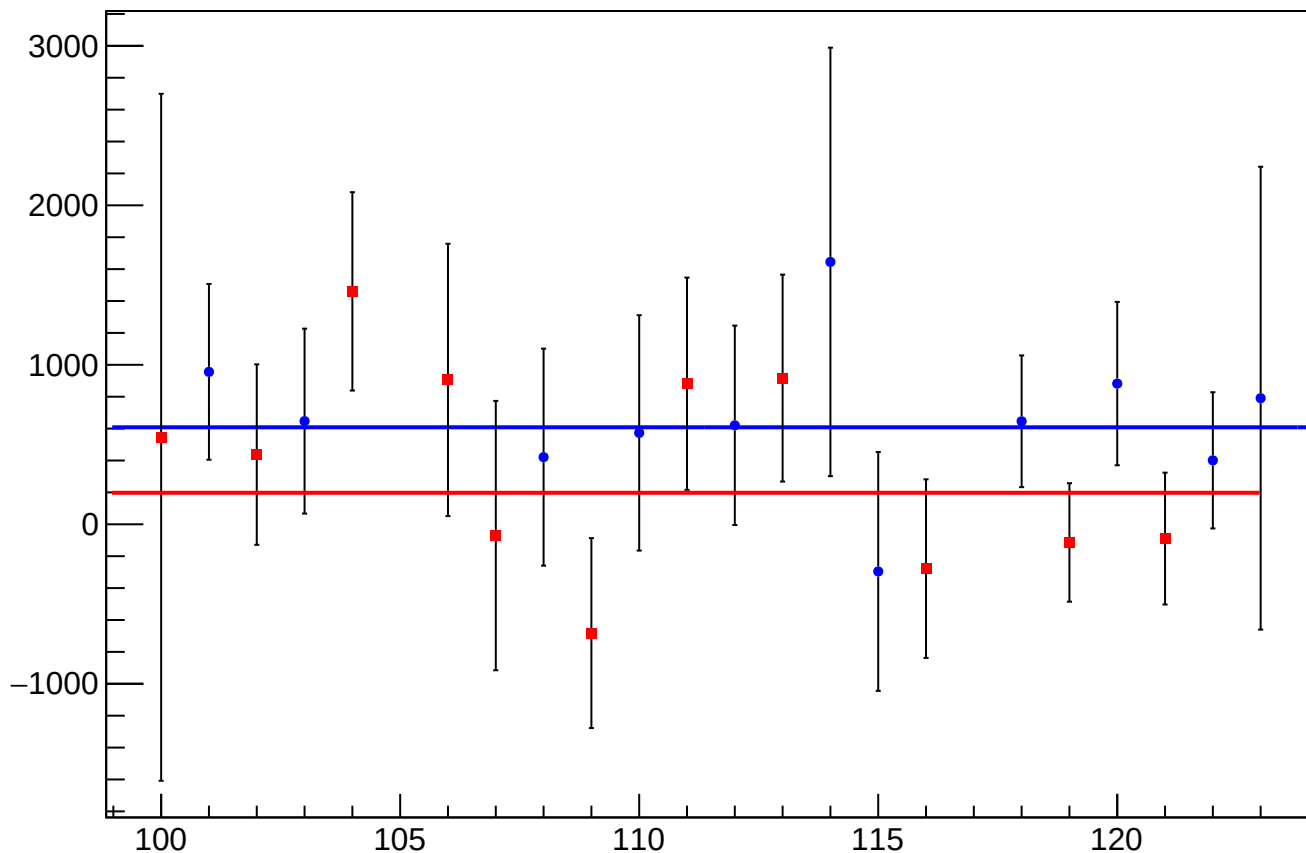
Right: 4464.740+/-1.078 χ^2/NDF : 404680.2/21

In: 4361.132+/-1.533 χ^2/NDF : 177890.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4464.740+/-1.078 χ^2/NDF : 404680.2/21

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 608.258+/-180.198 χ^2/NDF : 3.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.641+/-175.585 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

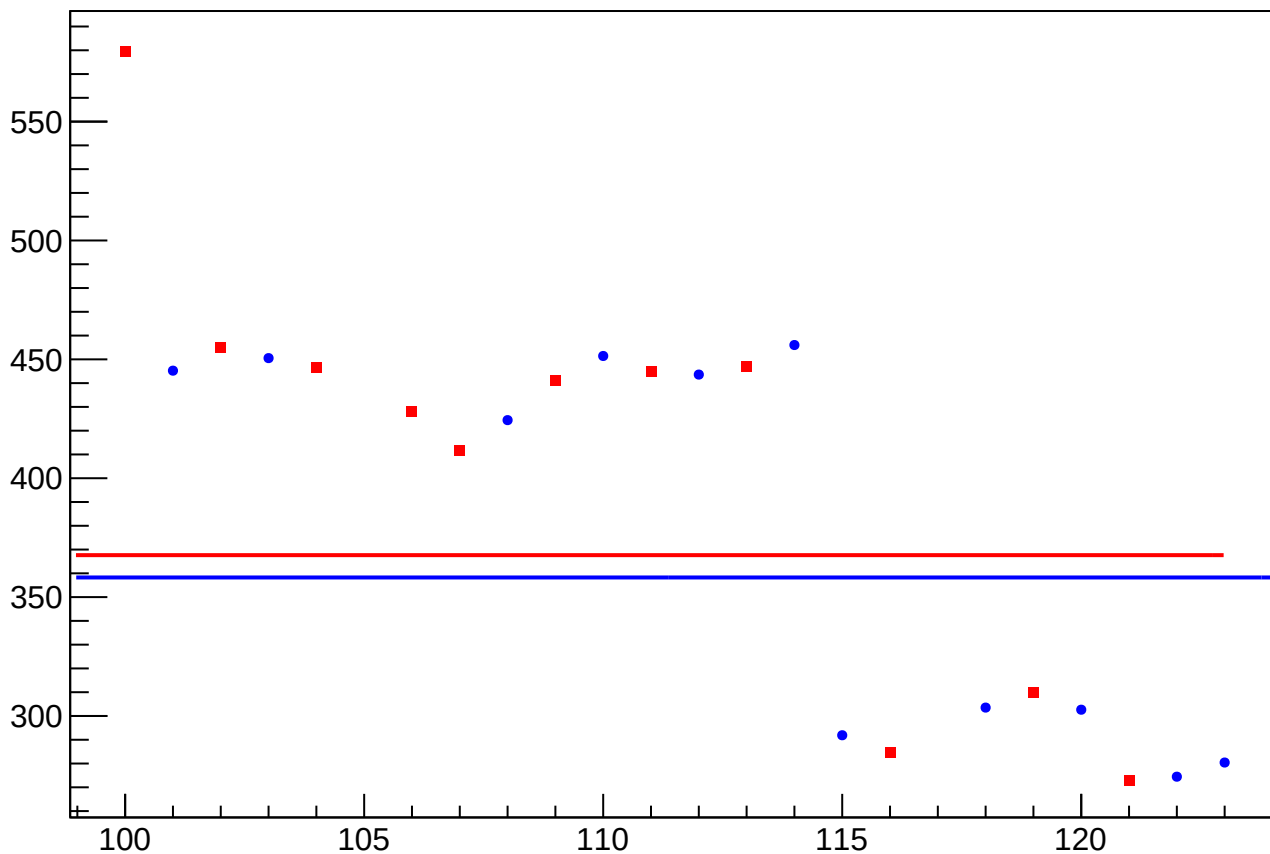
Right: 397.626+/-125.756 χ^2/NDF : 17.2/21

In: 608.258+/-180.198 χ^2/NDF : 3.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.626+/-125.756 χ^2/NDF : 17.2/21

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 358.259+/-0.127 χ^2/NDF : 356345.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.647+/-0.124 χ^2/NDF : 399239.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

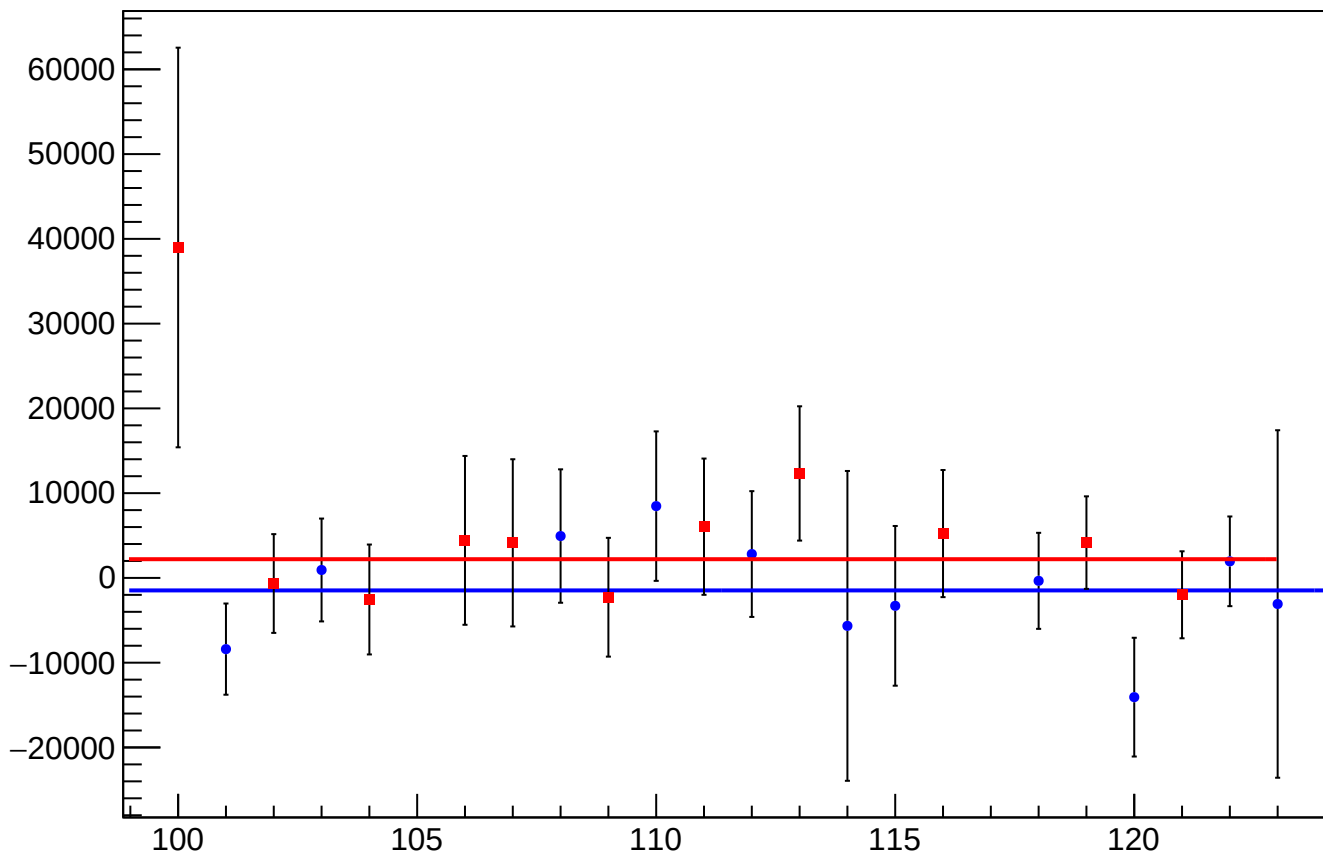
Right: 363.075+/-0.089 χ^2/NDF : 758369.7/21

In: 358.259+/-0.127 χ^2/NDF : 356345.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.075+/-0.089 χ^2/NDF : 758369.7/21

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1473.979+/-2167.736 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.059+/-2149.105 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

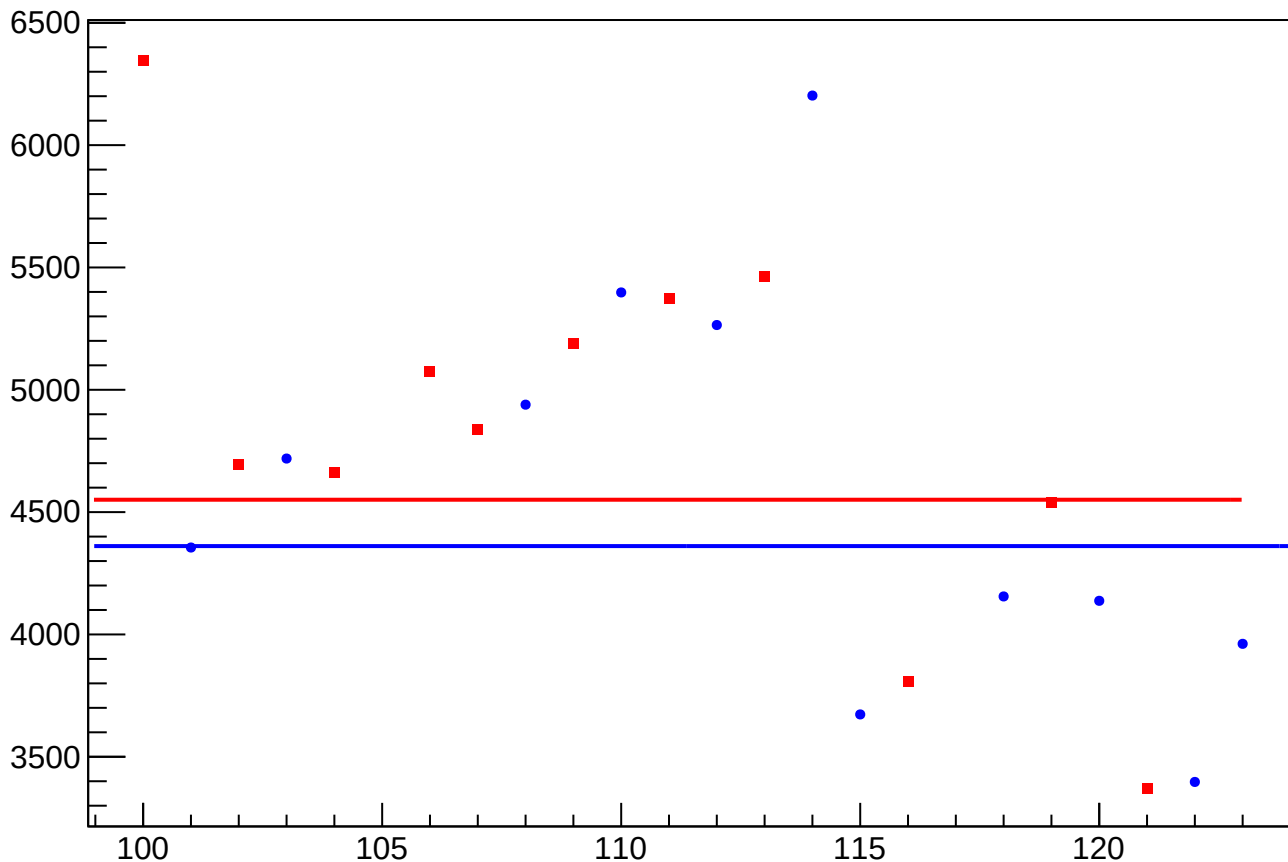
Right: 382.932+/-1526.191 χ^2/NDF : 15.9/21

In: -1473.979+/-2167.736 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.932+/-1526.191 χ^2/NDF : 15.9/21

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4361.151+/-1.533 χ^2/NDF : 177897.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4550.653+/-1.520 χ^2/NDF : 210142.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

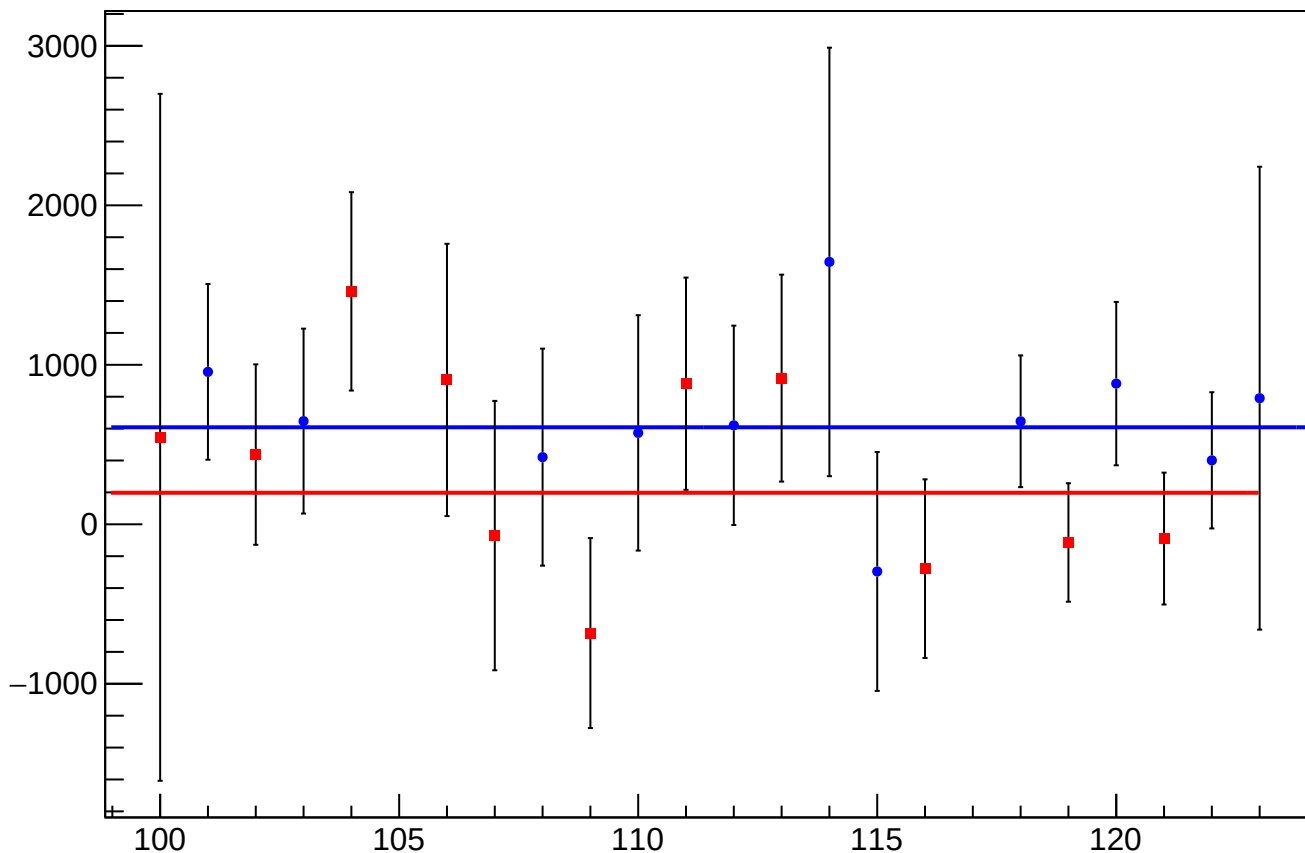
Right: 4456.720+/-1.079 χ^2/NDF : 395748.1/21

In: 4361.151+/-1.533 χ^2/NDF : 177897.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4456.720+/-1.079 χ^2/NDF : 395748.1/21

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 608.258+/-180.198 χ^2/NDF : 3.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.641+/-175.585 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

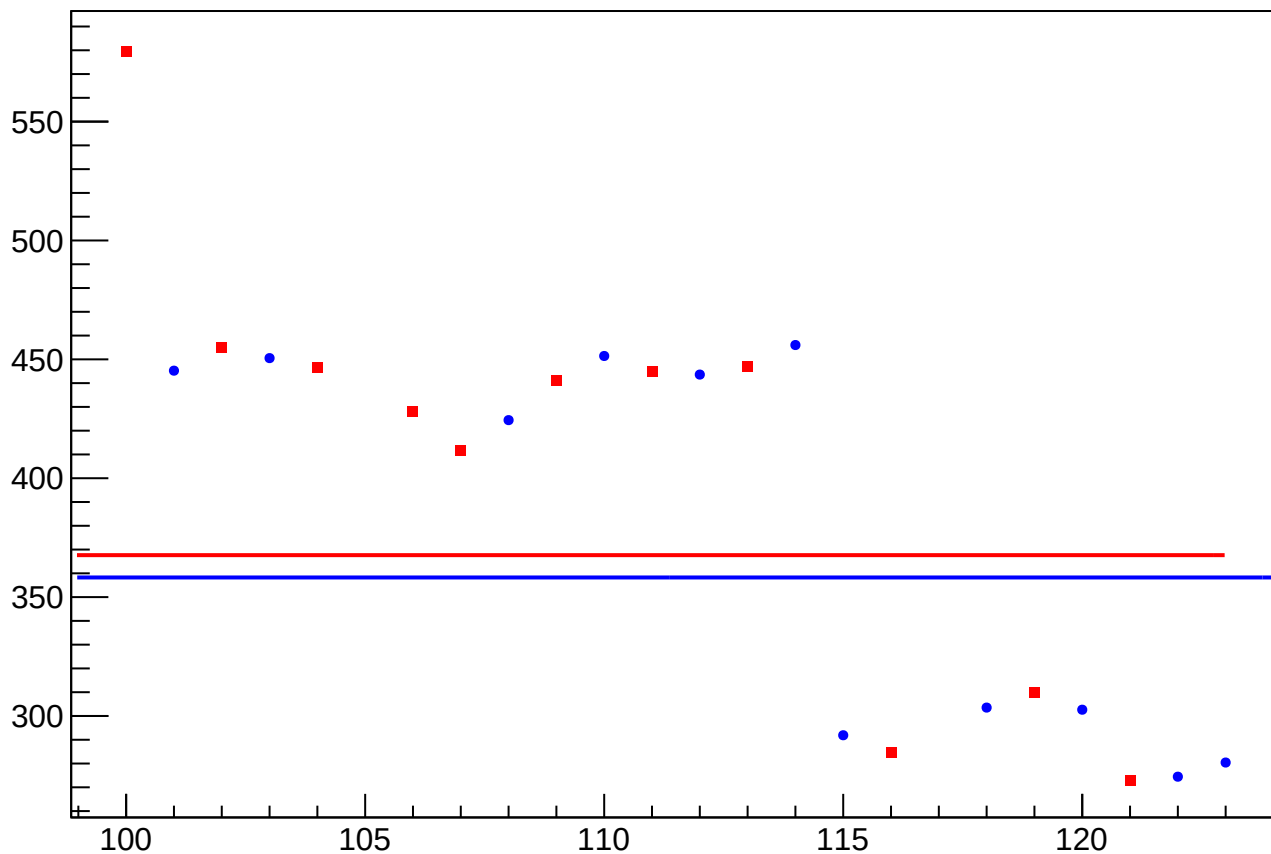
Right: 397.626+/-125.756 χ^2/NDF : 17.2/21

In: 608.258+/-180.198 χ^2/NDF : 3.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.626+/-125.756 χ^2/NDF : 17.2/21

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 358.259+/-0.127 χ^2/NDF : 356345.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.647+/-0.124 χ^2/NDF : 399239.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

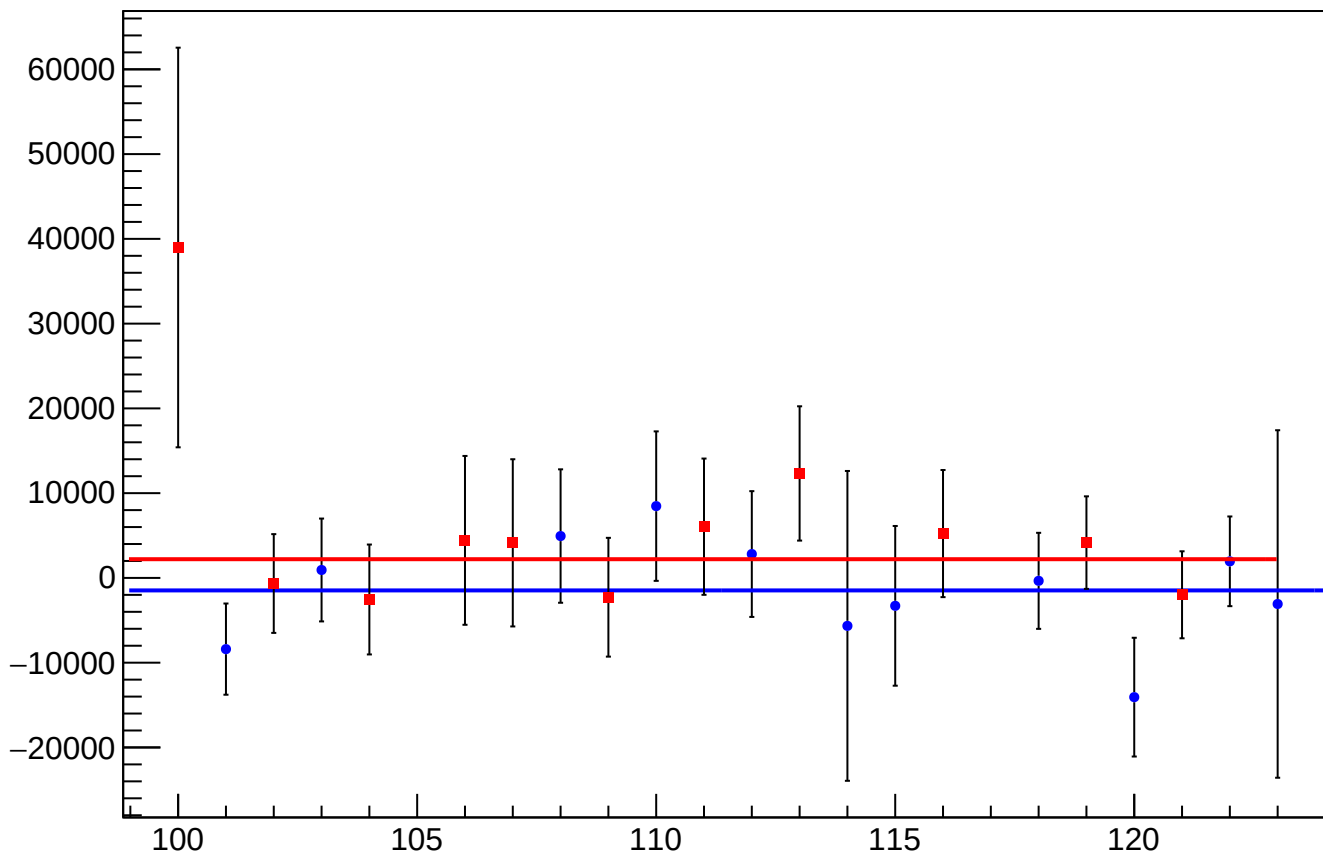
Right: 363.075+/-0.089 χ^2/NDF : 758369.7/21

In: 358.259+/-0.127 χ^2/NDF : 356345.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.075+/-0.089 χ^2/NDF : 758369.7/21

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1473.979+/-2167.736 χ^2 /NDF: 7.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2208.059+/-2149.105 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

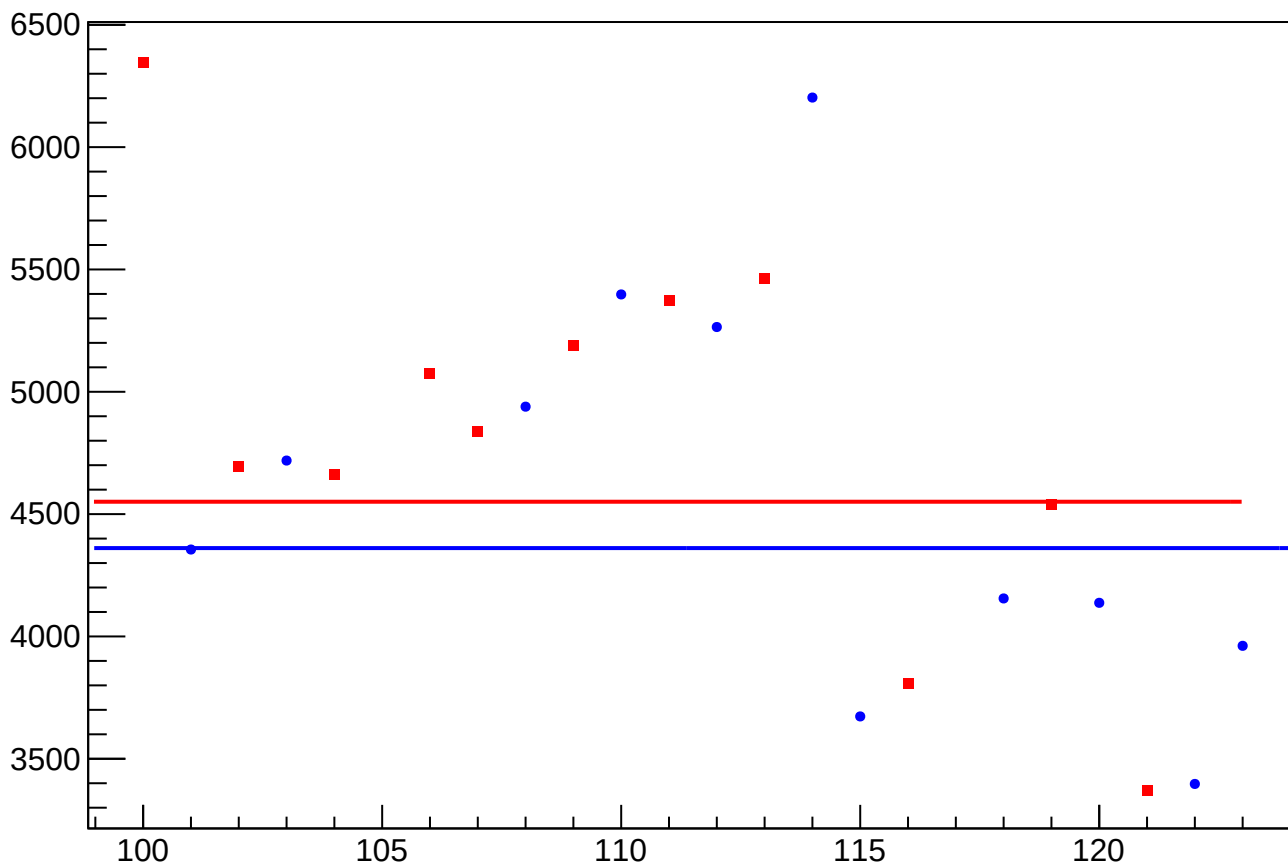
Right: 382.932+/-1526.191 χ^2 /NDF: 15.9/21

In: -1473.979+/-2167.736 χ^2 /NDF:7.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 382.932+/-1526.191 χ^2 /NDF: 15.9/21

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4361.151+/-1.533 χ^2/NDF : 177897.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4550.653+/-1.520 χ^2/NDF : 210142.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

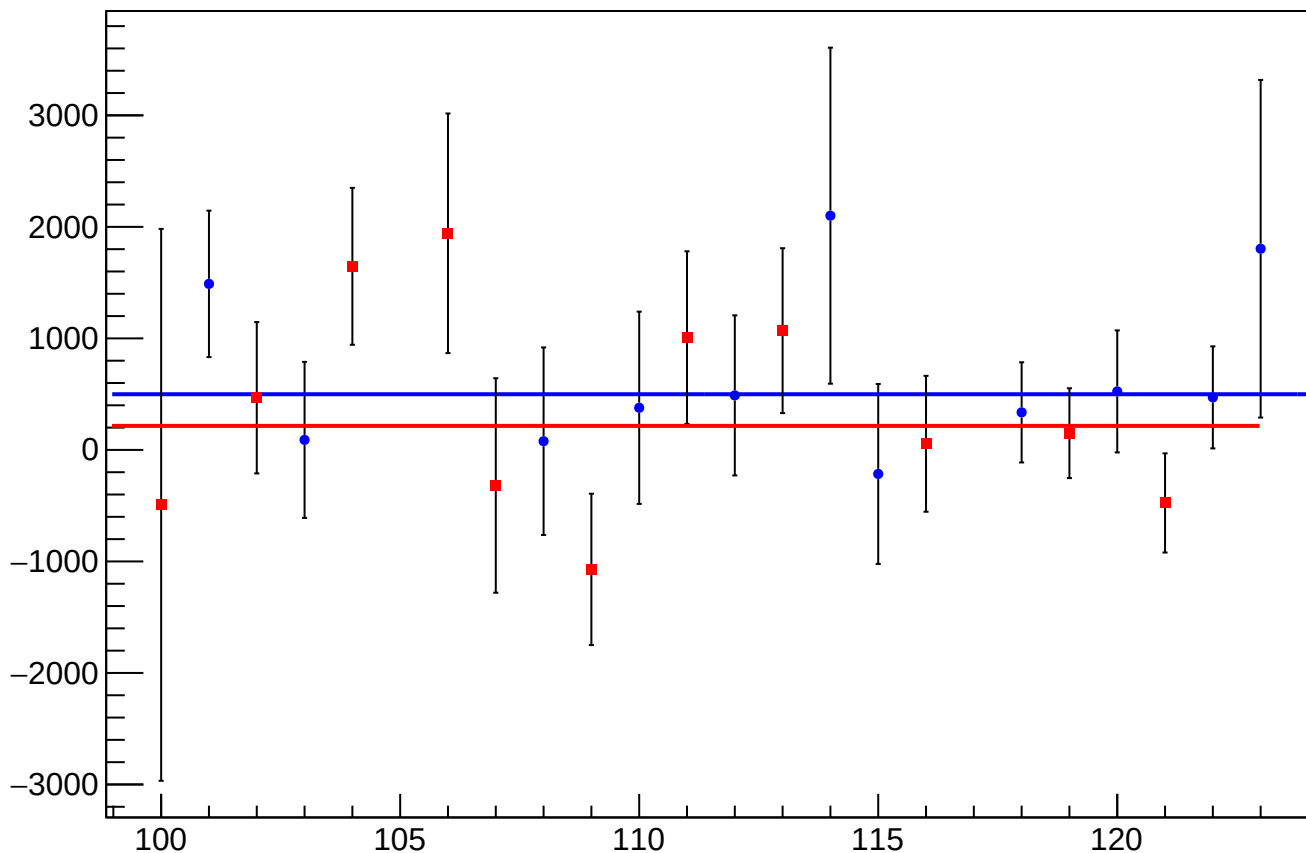
Right: 4456.720+/-1.079 χ^2/NDF : 395748.1/21

In: 4361.151+/-1.533 χ^2/NDF : 177897.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4456.720+/-1.079 χ^2/NDF : 395748.1/21

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 499.228+/-201.812 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 215.509+/-196.527 χ^2/NDF : 15.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

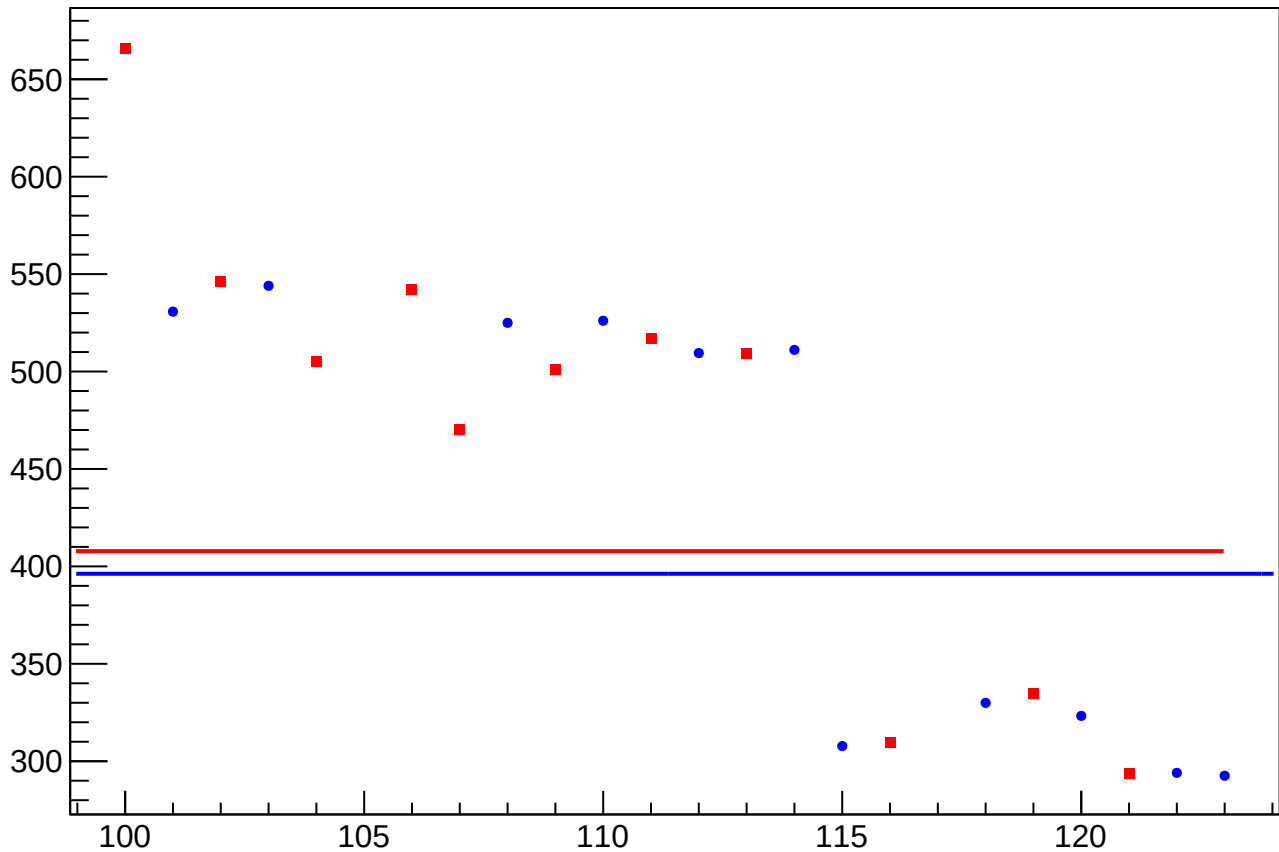
Right: 353.605+/-140.797 χ^2/NDF : 22.4/21

In: 499.228+/-201.812 χ^2/NDF :5.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 353.605+/-140.797 χ^2/NDF : 22.4/21

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 396.211+/-0.143 χ^2/NDF : 539194.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.829+/-0.139 χ^2/NDF : 547840.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

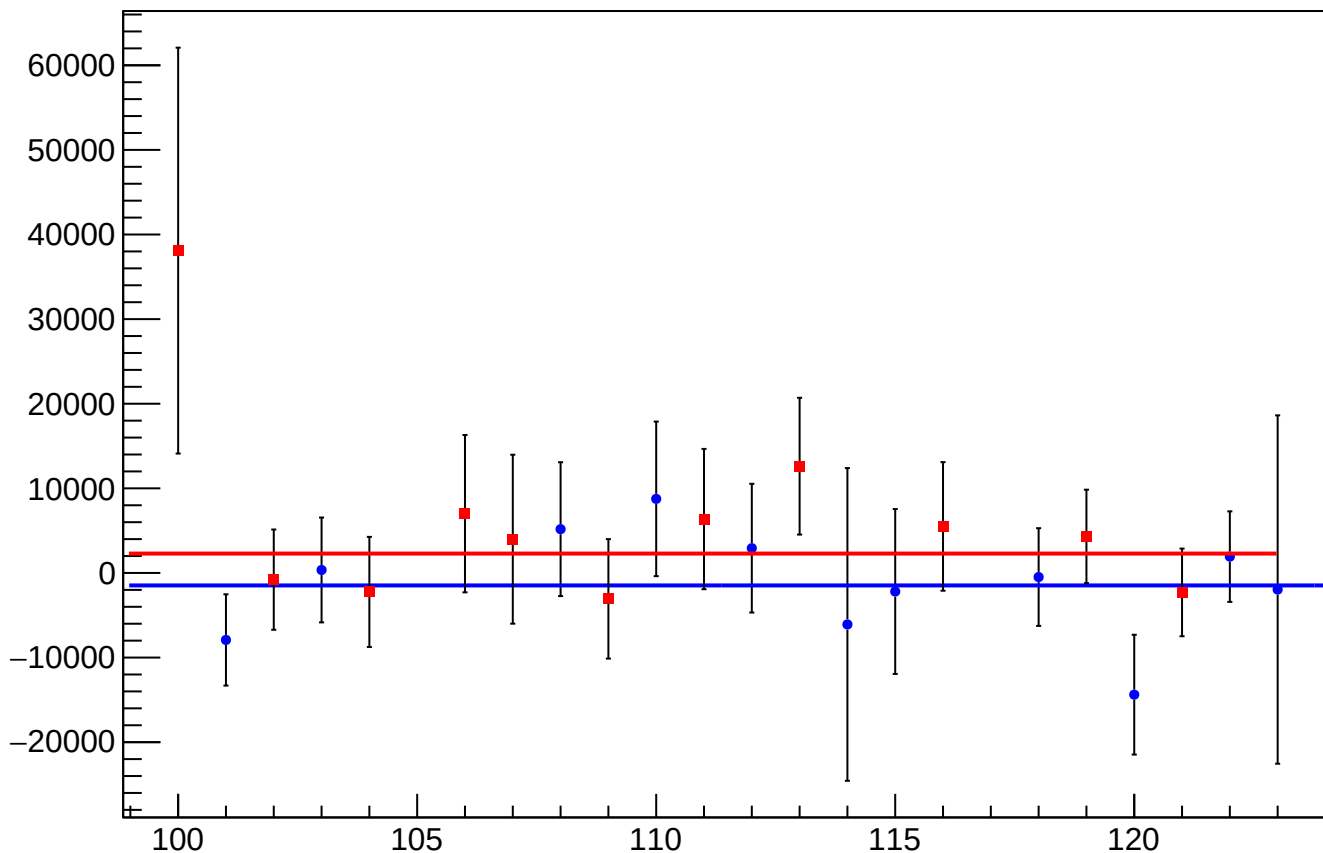
Right: 402.174+/-0.100 χ^2/NDF : 1090437.6/21

In: 396.211+/-0.143 χ^2/NDF : 539194.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.174+/-0.100 χ^2/NDF : 1090437.6/21

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1473.571+/-2201.389 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.307+/-2168.000 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

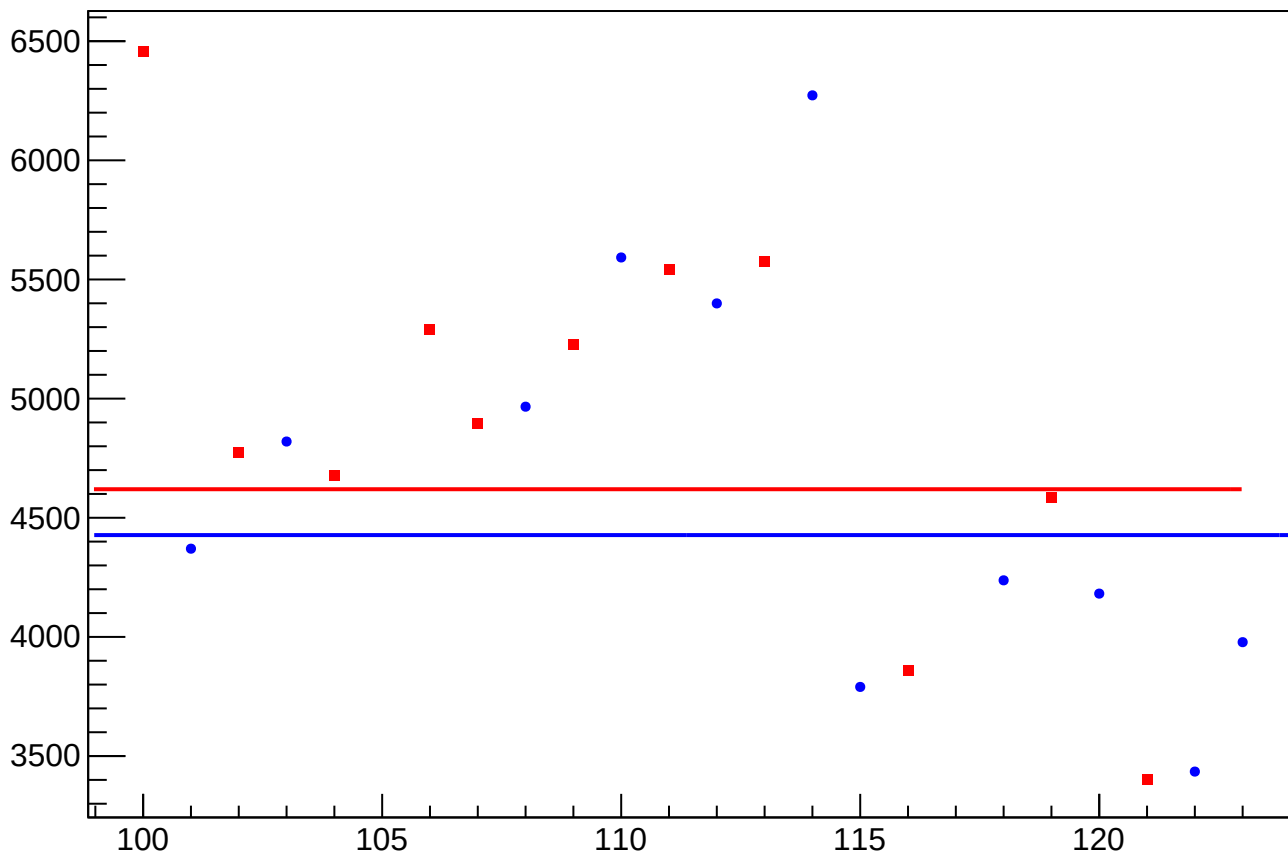
Right: 437.636+/-1544.677 χ^2/NDF : 15.9/21

In: -1473.571+/-2201.389 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.636+/-1544.677 χ^2/NDF : 15.9/21

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4427.340+/-1.557 χ^2/NDF : 185557.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4619.777+/-1.533 χ^2/NDF : 223456.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

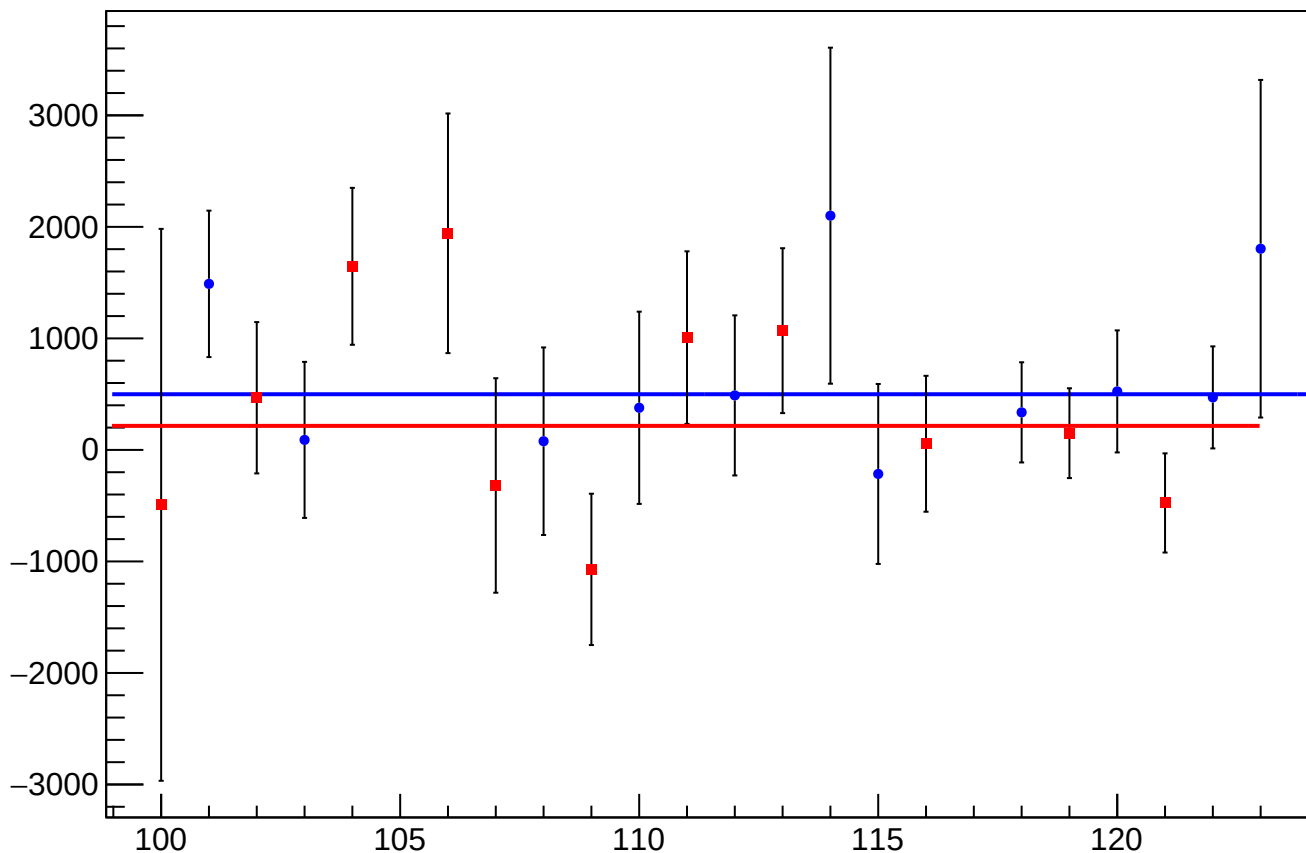
Right: 4525.029+/-1.092 χ^2/NDF : 416772.0/21

In: 4427.340+/-1.557 χ^2/NDF : 185557.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4525.029+/-1.092 χ^2/NDF : 416772.0/21

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 499.232 $\pm$ 201.811 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.498 $\pm$ 196.526 χ^2 /NDF: 15.7/10

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

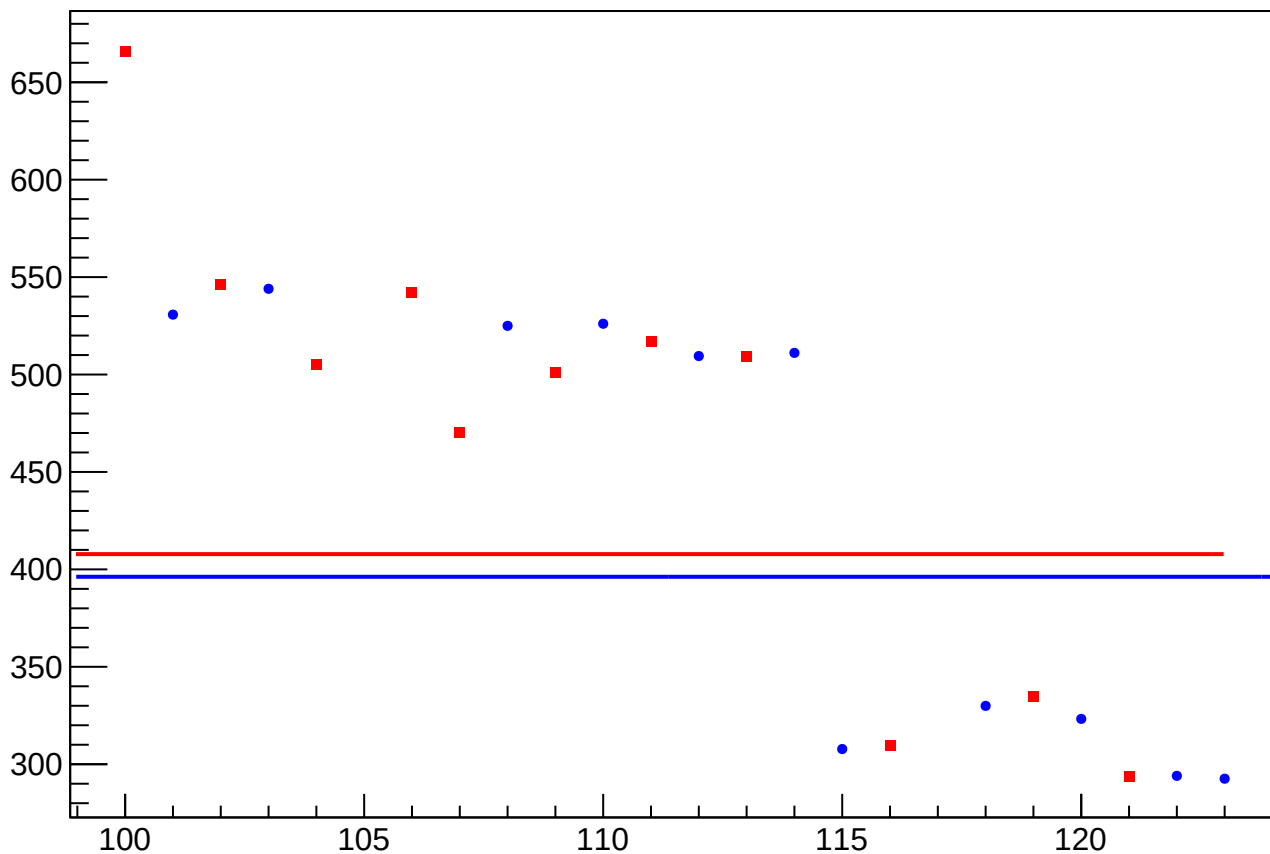
Right: 353.601 $\pm$ 140.796 χ^2 /NDF: 22.4/21

In: 499.232 $\pm$ 201.811 χ^2 /NDF:5.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 353.601 $\pm$ 140.796 χ^2 /NDF: 22.4/21

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 396.209+/-0.143 χ^2/NDF : 539184.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.828+/-0.139 χ^2/NDF : 547827.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

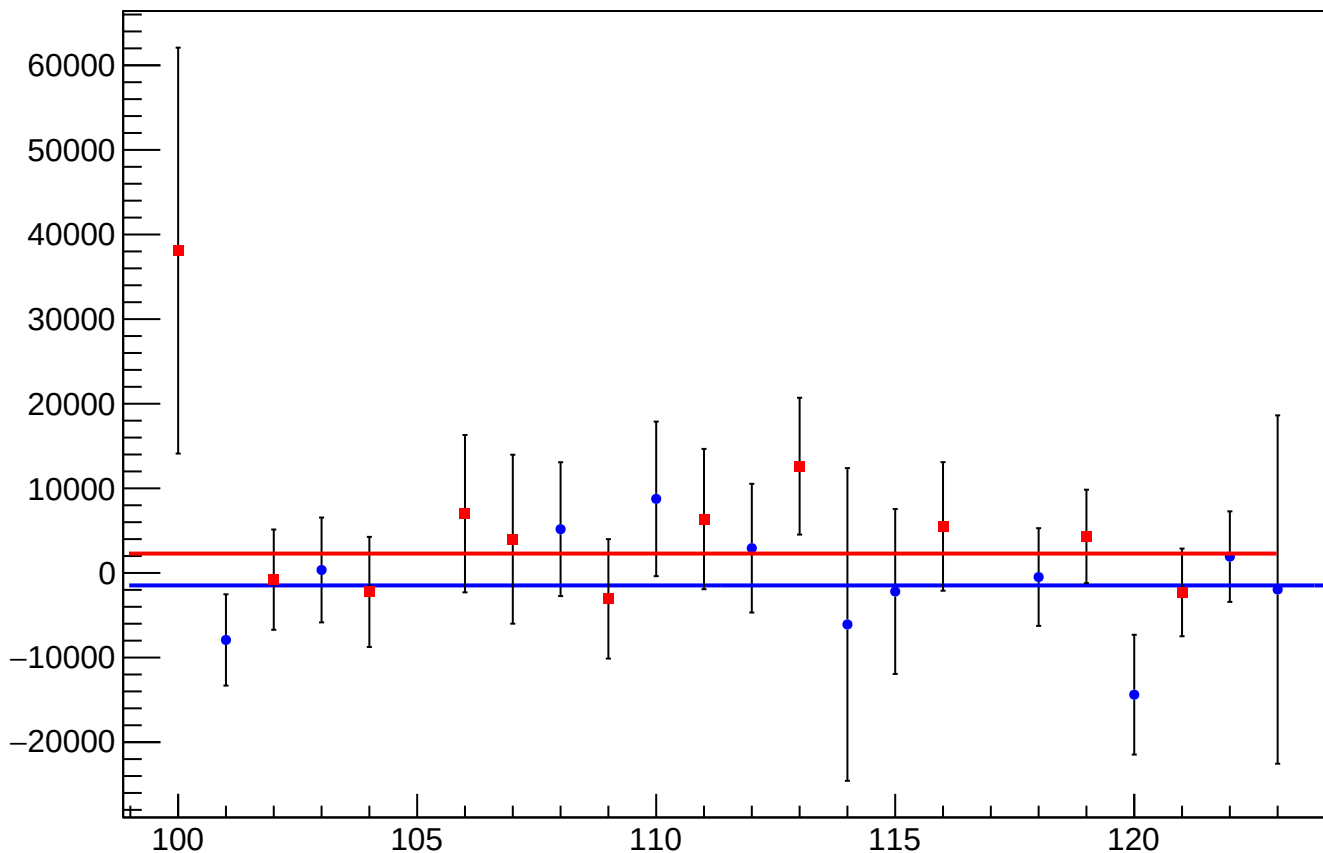
Right: 402.173+/-0.100 χ^2/NDF : 1090414.6/21

In: 396.209+/-0.143 χ^2/NDF : 539184.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.173+/-0.100 χ^2/NDF : 1090414.6/21

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1473.568+/-2201.385 χ^2 /NDF: 7.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2291.304+/-2167.995 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

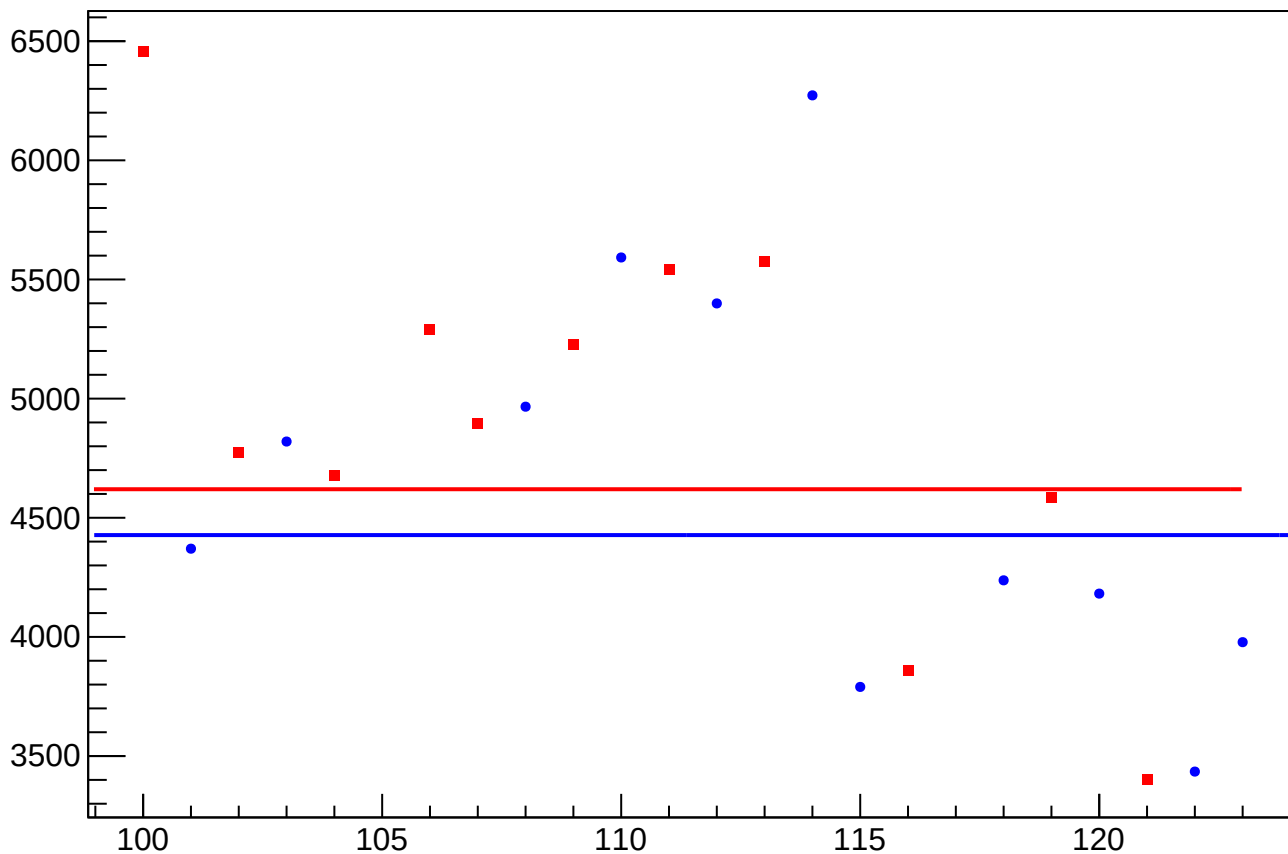
Right: 437.636+/-1544.674 χ^2 /NDF: 15.9/21

In: -1473.568+/-2201.385 χ^2 /NDF: 7.6/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 437.636+/-1544.674 χ^2 /NDF: 15.9/21

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4427.332+/-1.557 χ^2/NDF : 185552.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4619.767+/-1.533 χ^2/NDF : 223452.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

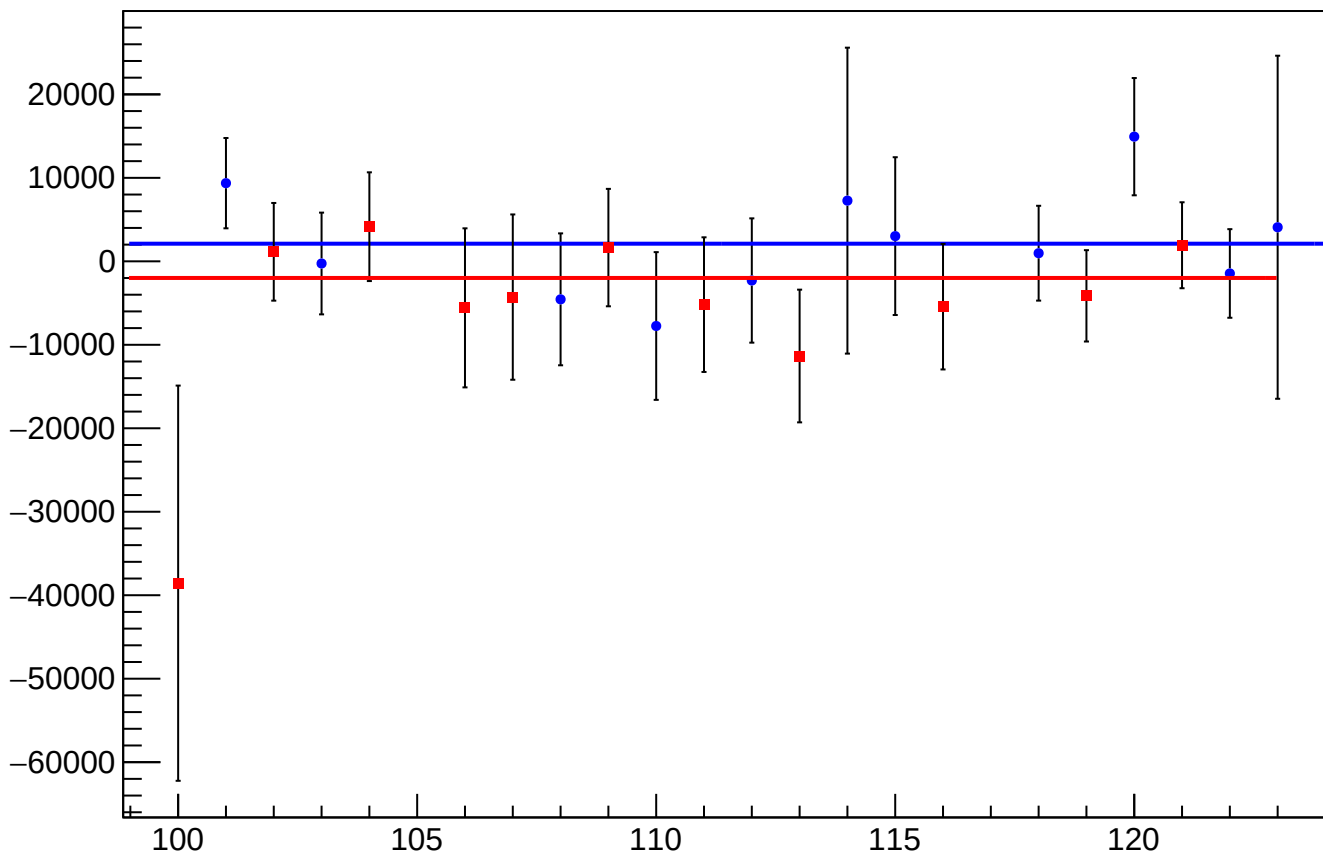
Right: 4525.020+/-1.092 χ^2/NDF : 416763.8/21

In: 4427.332+/-1.557 χ^2/NDF : 185552.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4525.020+/-1.092 χ^2/NDF : 416763.8/21

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2111.444+/-2175.885 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1992.635+/-2151.634 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

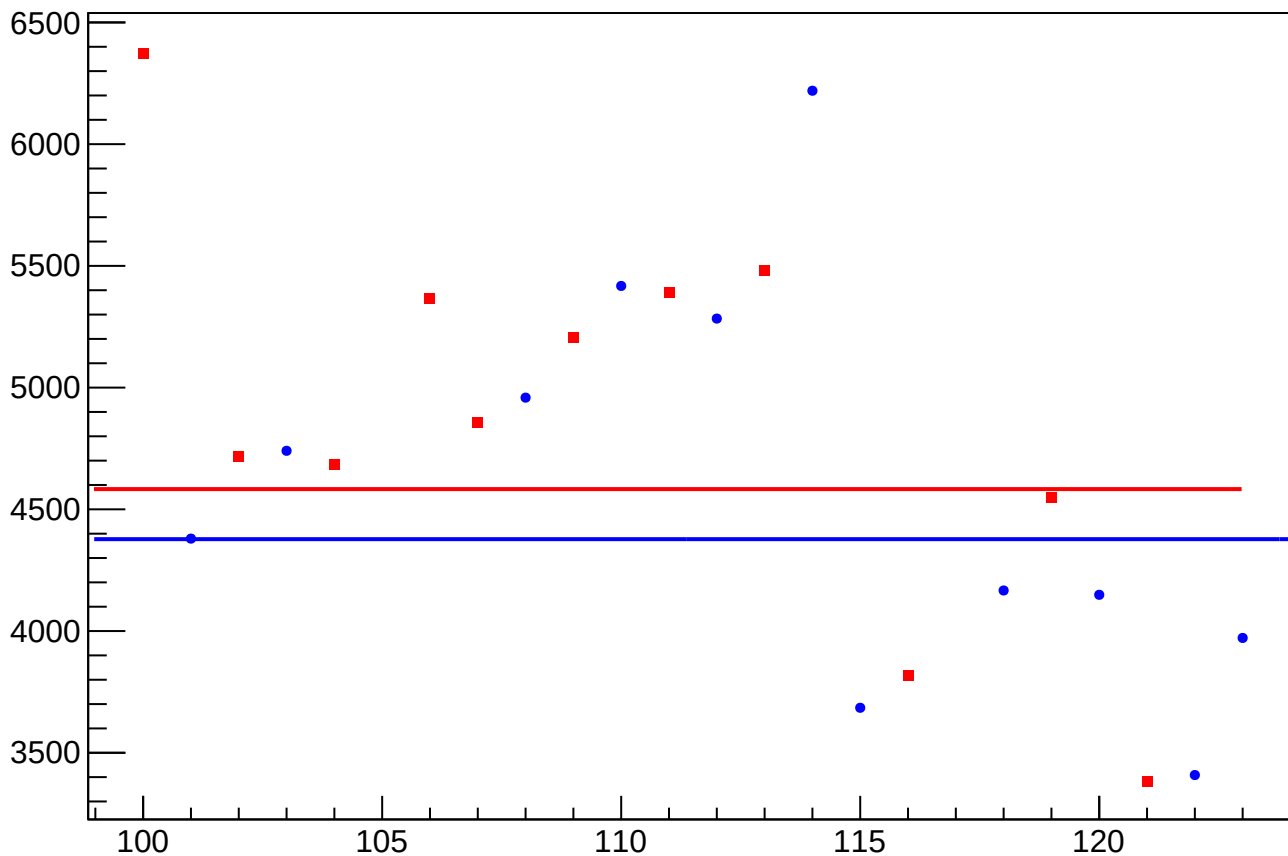
Right: 36.407+/-1529.937 χ^2/NDF : 16.5/21

In: 2111.444+/-2175.885 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.407+/-1529.937 χ^2/NDF : 16.5/21

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4377.476+/-1.539 χ^2/NDF : 178422.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4583.131+/-1.521 χ^2/NDF : 219055.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

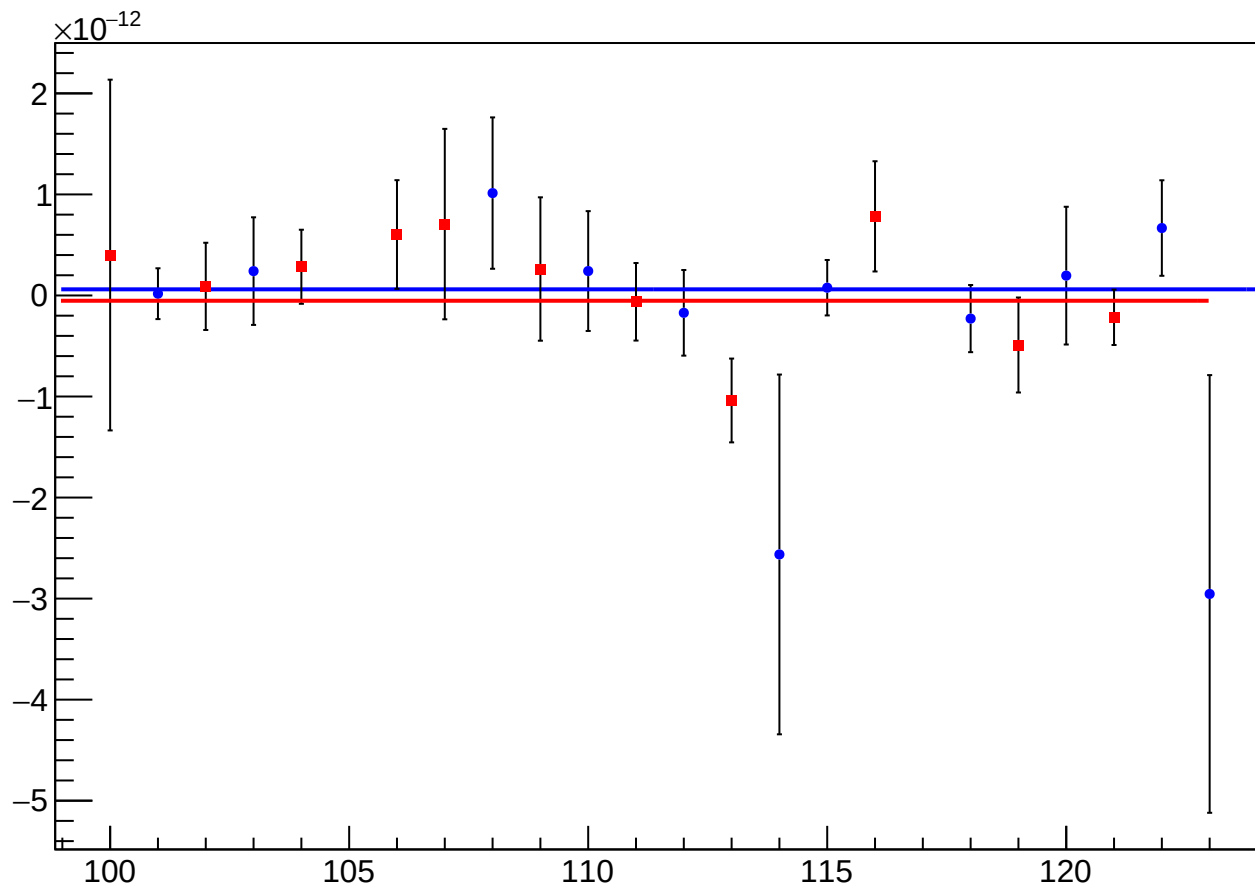
Right: 4481.456+/-1.082 χ^2/NDF : 406510.4/21

In: 4377.476+/-1.539 χ^2/NDF : 178422.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4481.456+/-1.082 χ^2/NDF : 406510.4/21

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

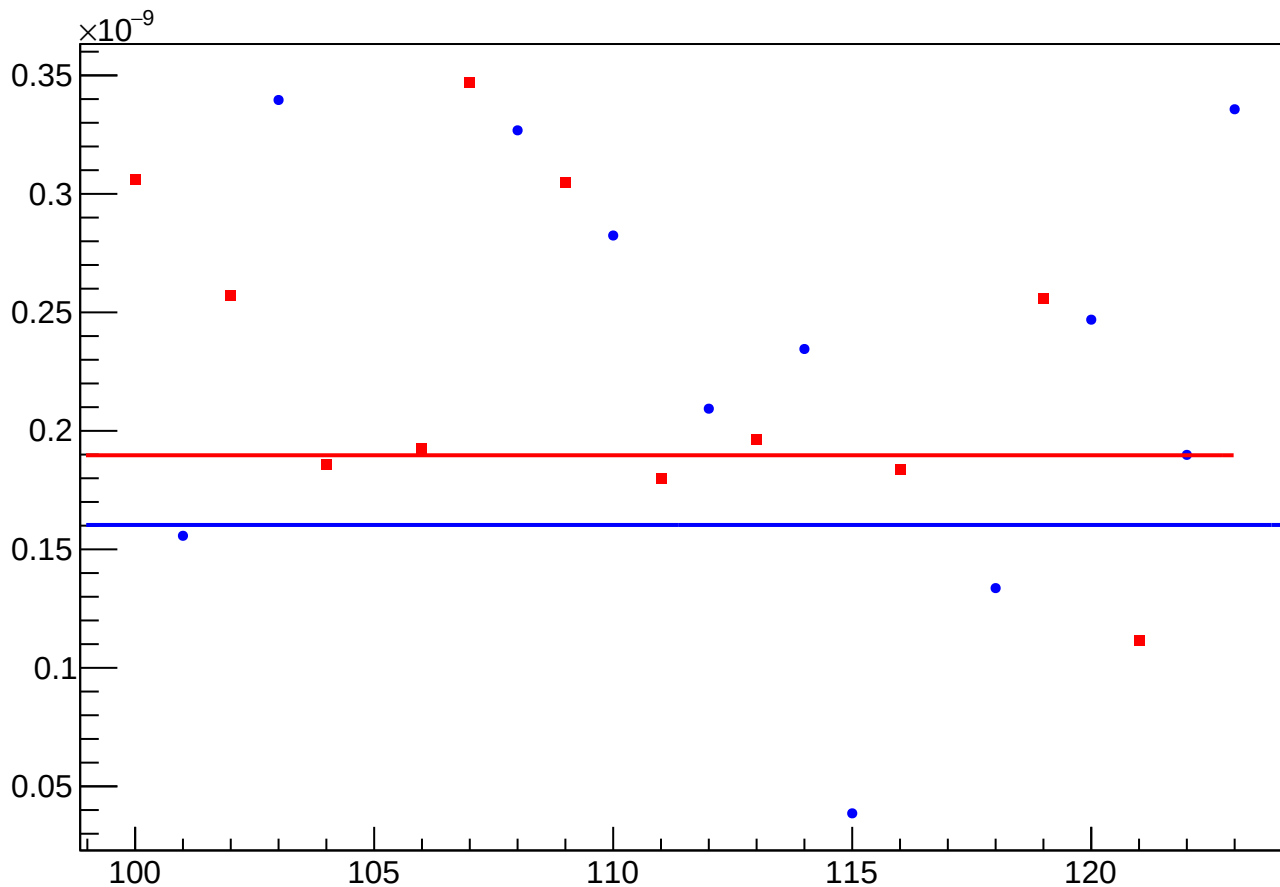
Right: 0.000+/-0.000 χ^2/NDF : 21.7/21

In: 0.000+/-0.000 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.7/21

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 900922.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 370982.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

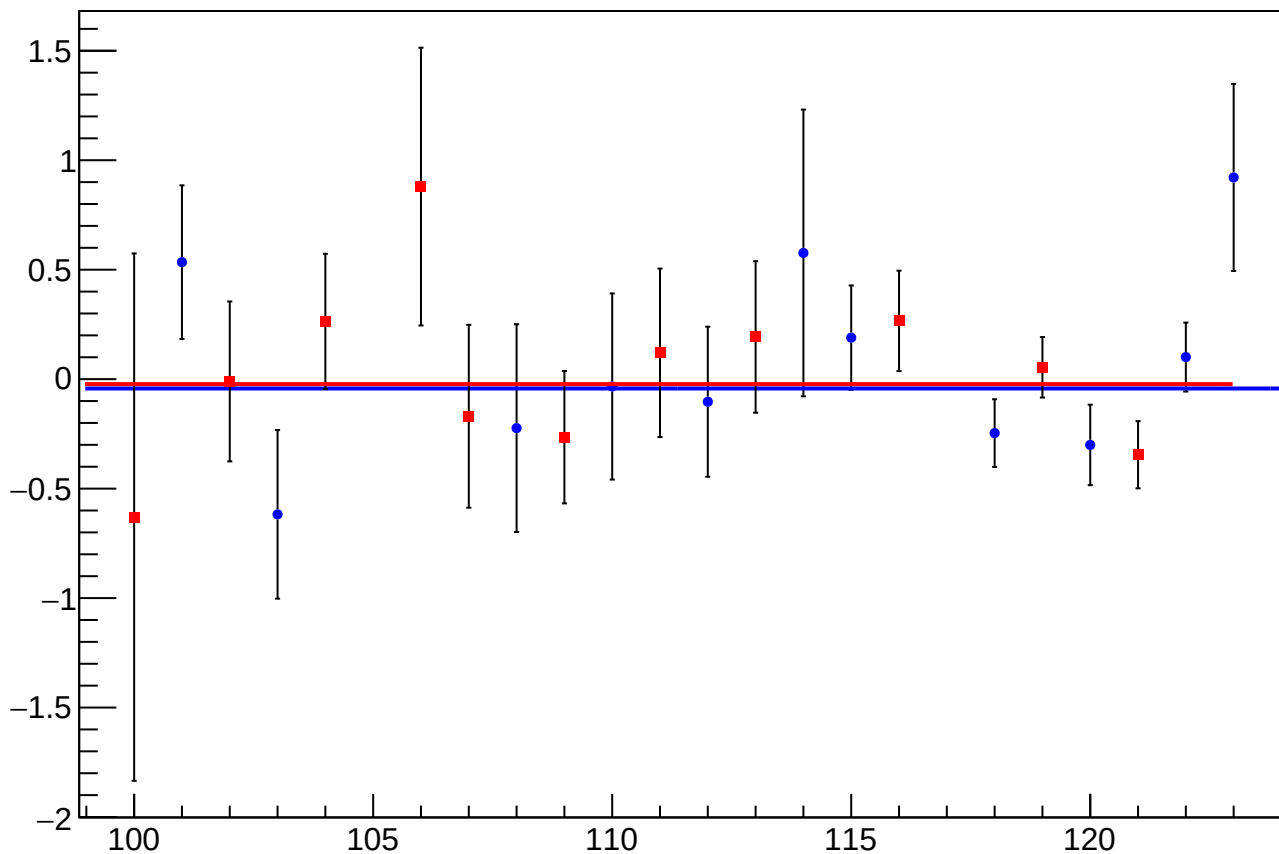
Right: 0.000+/-0.000 χ^2/NDF : 1320467.2/21

In: 0.000+/-0.000 χ^2/NDF : 900922.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1320467.2/21

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043+/-0.077 χ^2/NDF : 16.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.023+/-0.077 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

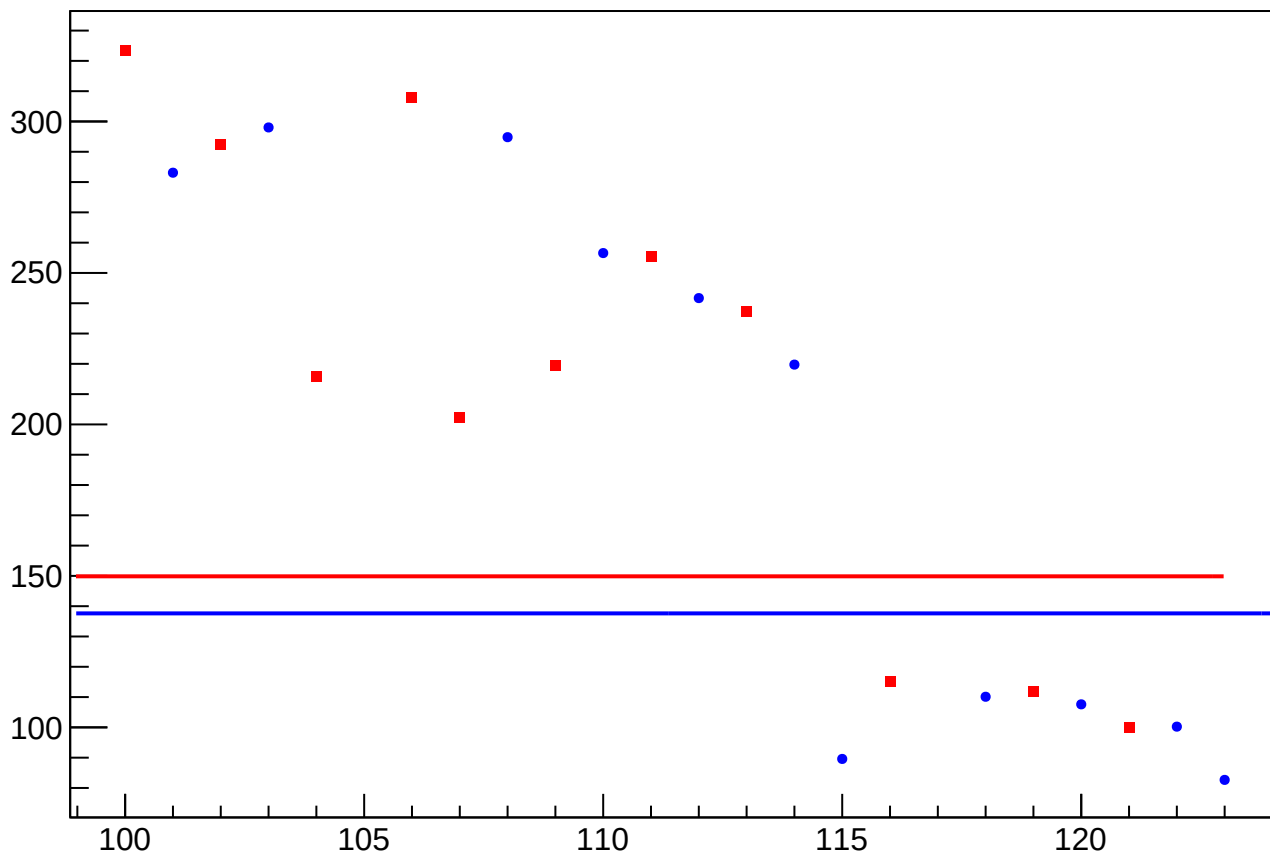
Right: -0.033+/-0.054 χ^2/NDF : 27.4/21

In: -0.043+/-0.077 χ^2/NDF :16.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.033+/-0.054 χ^2/NDF : 27.4/21

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.626+/-0.054 χ^2/NDF : 1626704.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.860+/-0.055 χ^2/NDF : 1386360.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

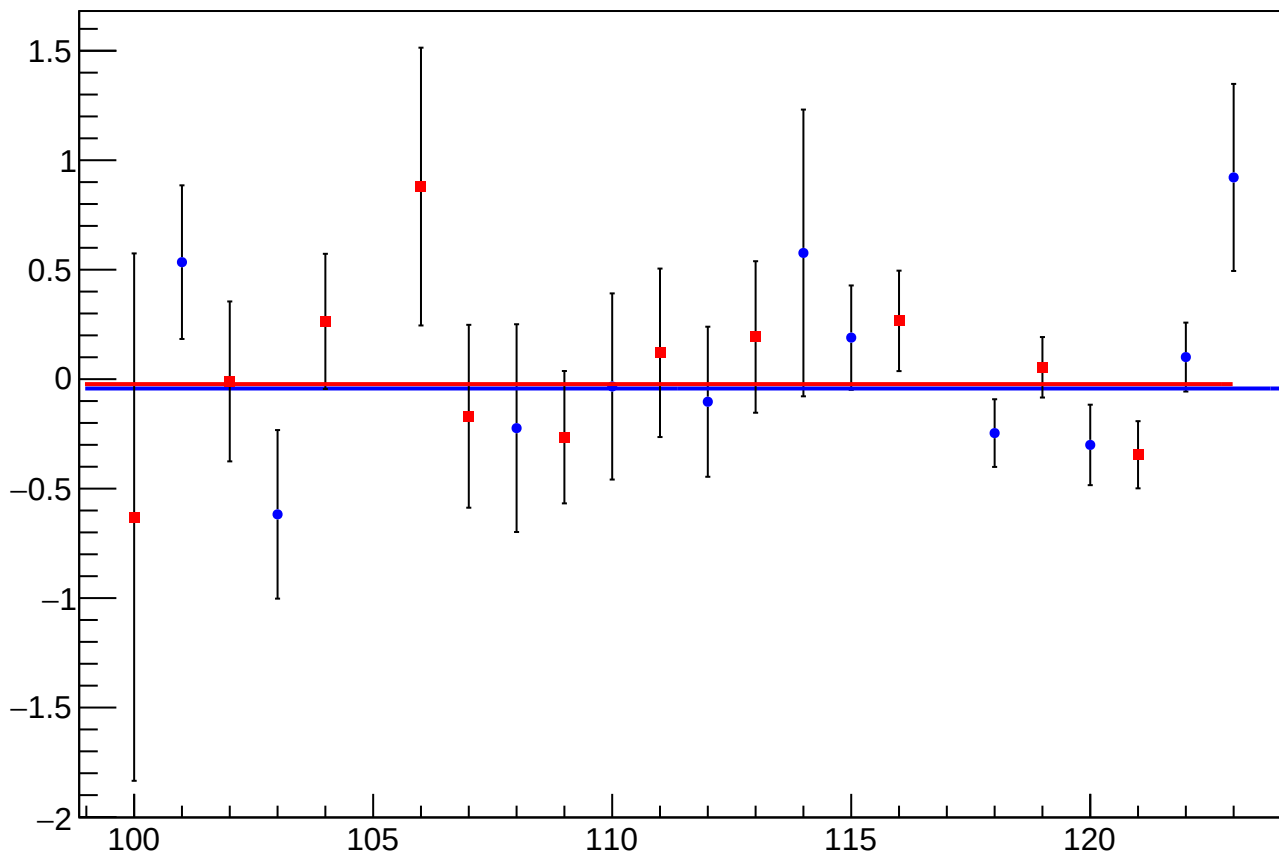
Right: 143.675+/-0.038 χ^2/NDF : 3038314.1/21

In: 137.626+/-0.054 χ^2/NDF : 1626704.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.675+/-0.038 χ^2/NDF : 3038314.1/21

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043+/-0.077 χ^2/NDF : 16.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.023+/-0.077 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

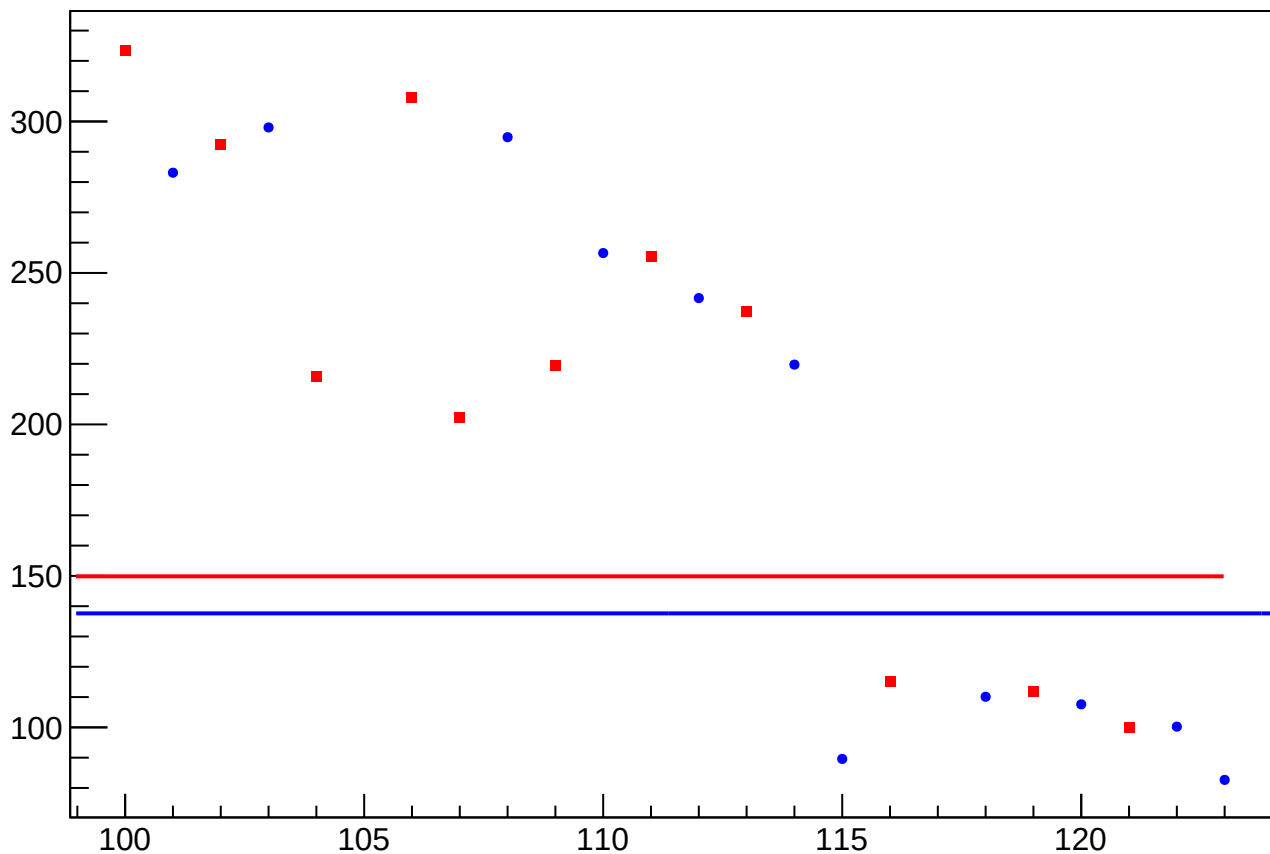
Right: -0.033+/-0.054 χ^2/NDF : 27.4/21

In: -0.043+/-0.077 χ^2/NDF :16.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.033+/-0.054 χ^2/NDF : 27.4/21

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.626+/-0.054 χ^2/NDF : 1626704.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.860+/-0.055 χ^2/NDF : 1386360.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

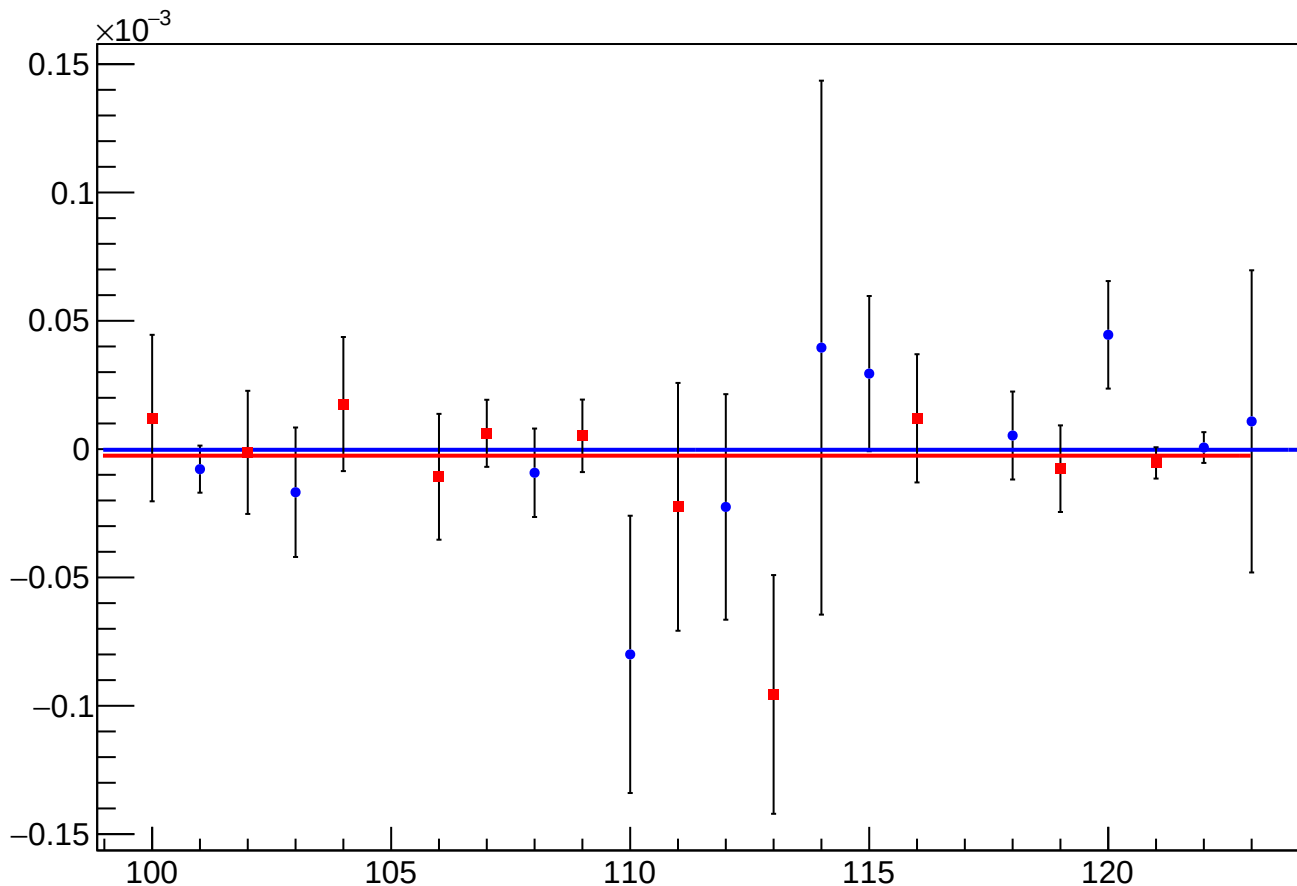
Right: 143.675+/-0.038 χ^2/NDF : 3038314.1/21

In: 137.626+/-0.054 χ^2/NDF : 1626704.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.675+/-0.038 χ^2/NDF : 3038314.1/21

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/10

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

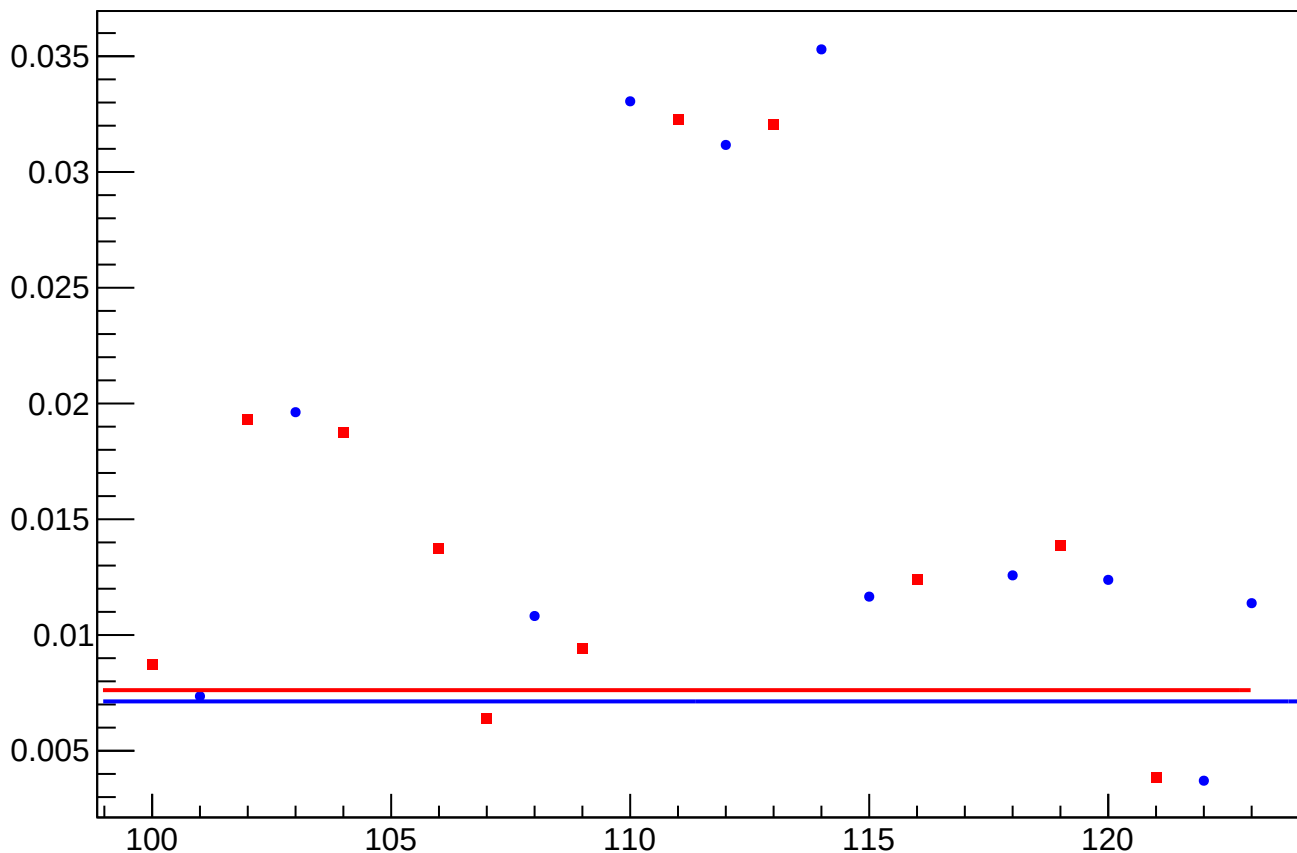
Right: -0.000+/-0.000 χ^2/NDF : 16.3/21

In: -0.000+/-0.000 χ^2/NDF :9.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/21

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2824486.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3197618.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

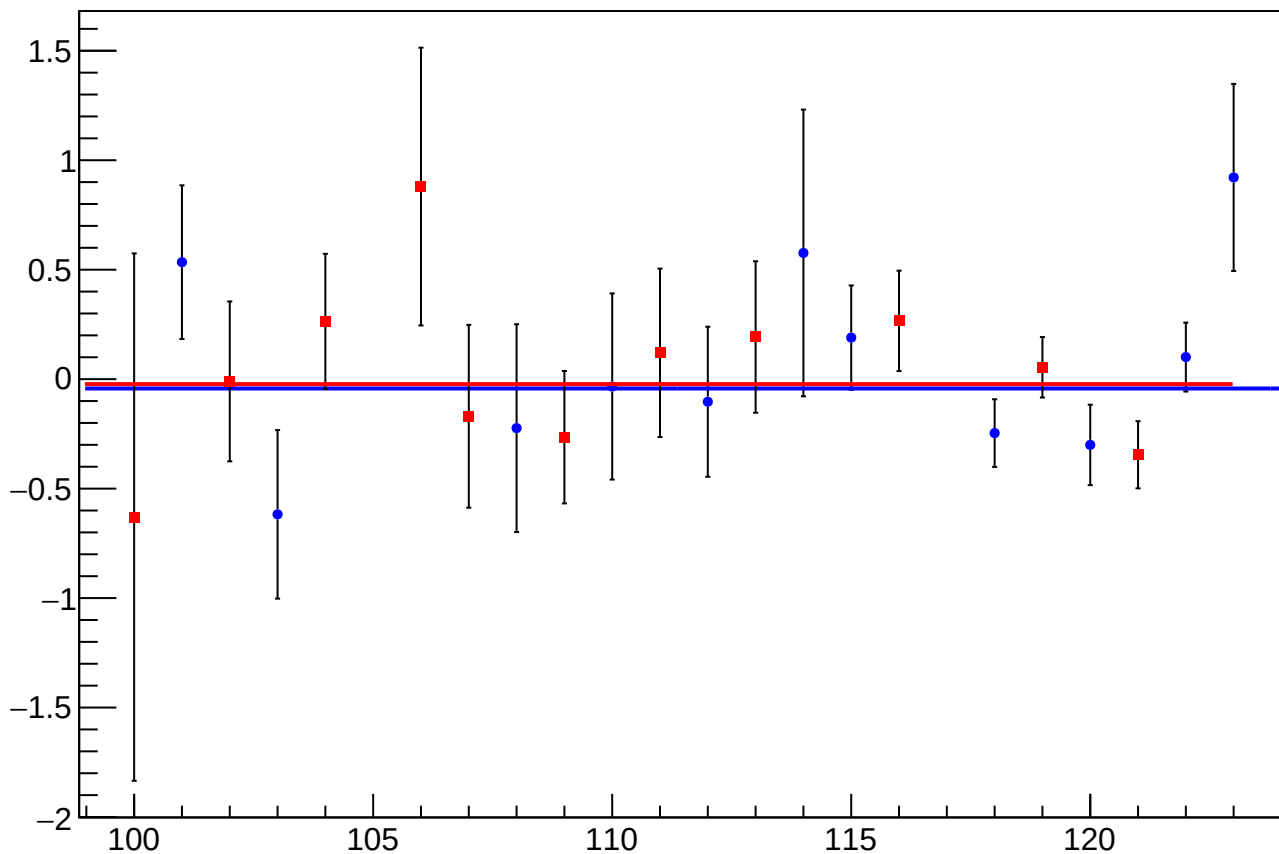
Right: 0.007+/-0.000 χ^2/NDF : 6034178.5/21

In: 0.007+/-0.000 χ^2/NDF :2824486.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 6034178.5/21

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043+/-0.077 χ^2/NDF : 16.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.023+/-0.077 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

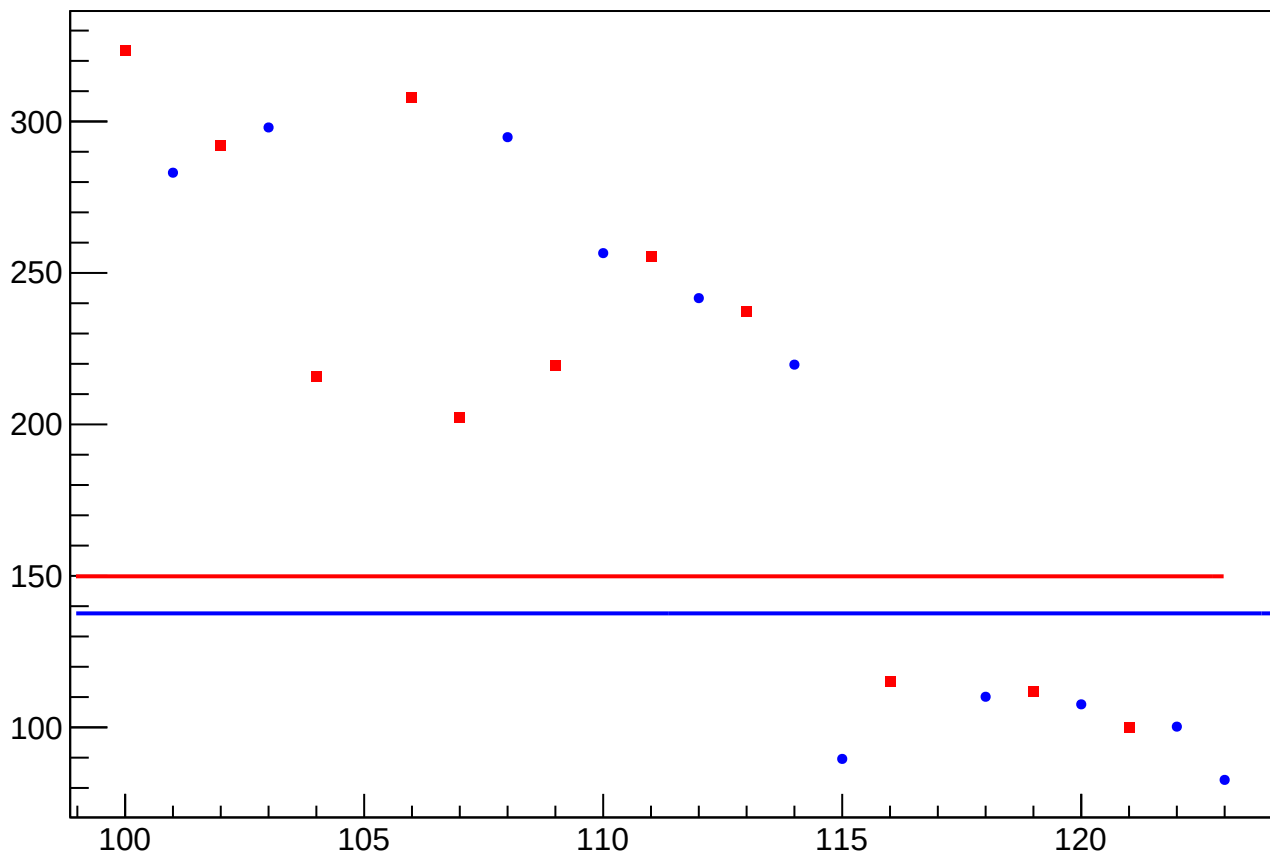
Right: -0.033+/-0.054 χ^2/NDF : 27.4/21

In: -0.043+/-0.077 χ^2/NDF :16.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.033+/-0.054 χ^2/NDF : 27.4/21

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.625+/-0.054 χ^2/NDF : 1626647.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.859+/-0.055 χ^2/NDF : 1386311.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

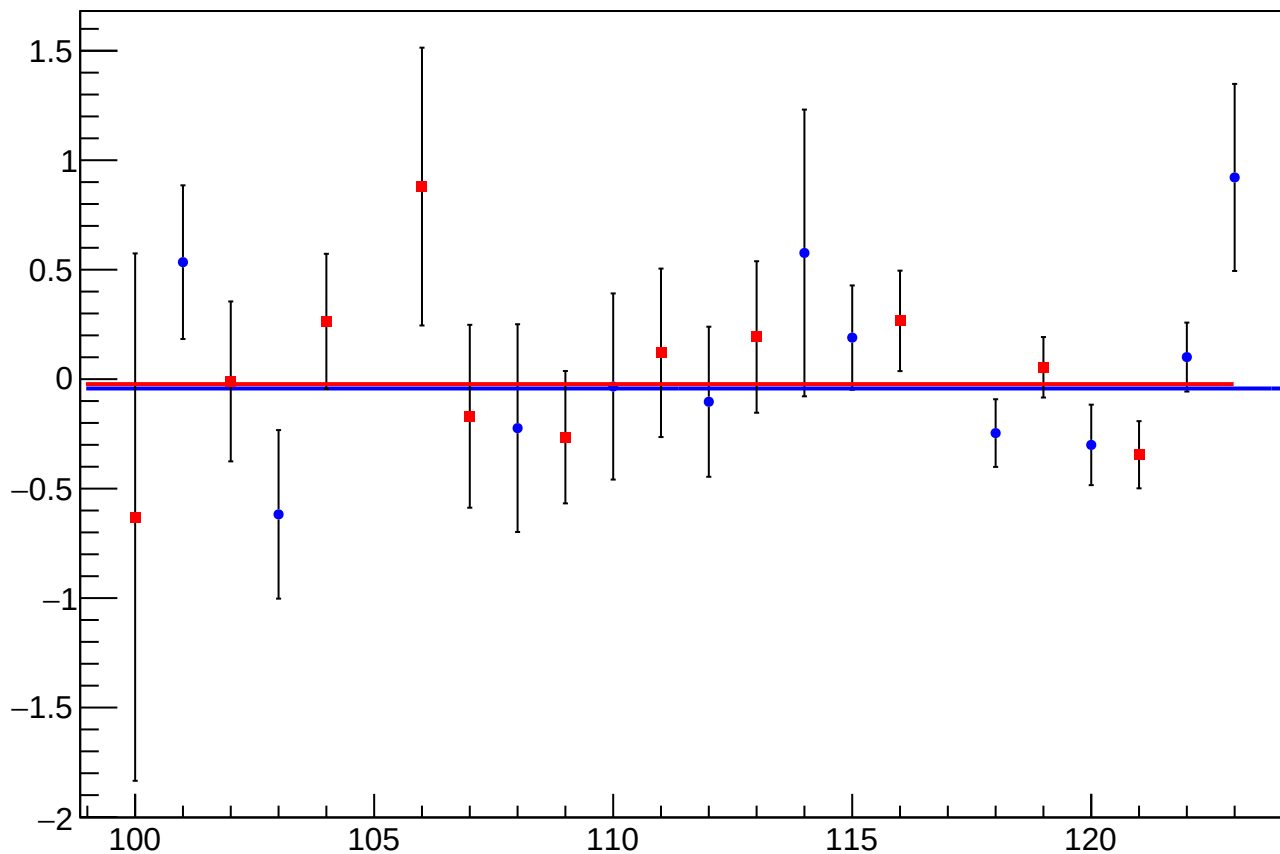
Right: 143.673+/-0.038 χ^2/NDF : 3038206.9/21

In: 137.625+/-0.054 χ^2/NDF : 1626647.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.673+/-0.038 χ^2/NDF : 3038206.9/21

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043+/-0.077 χ^2/NDF : 16.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.023+/-0.077 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

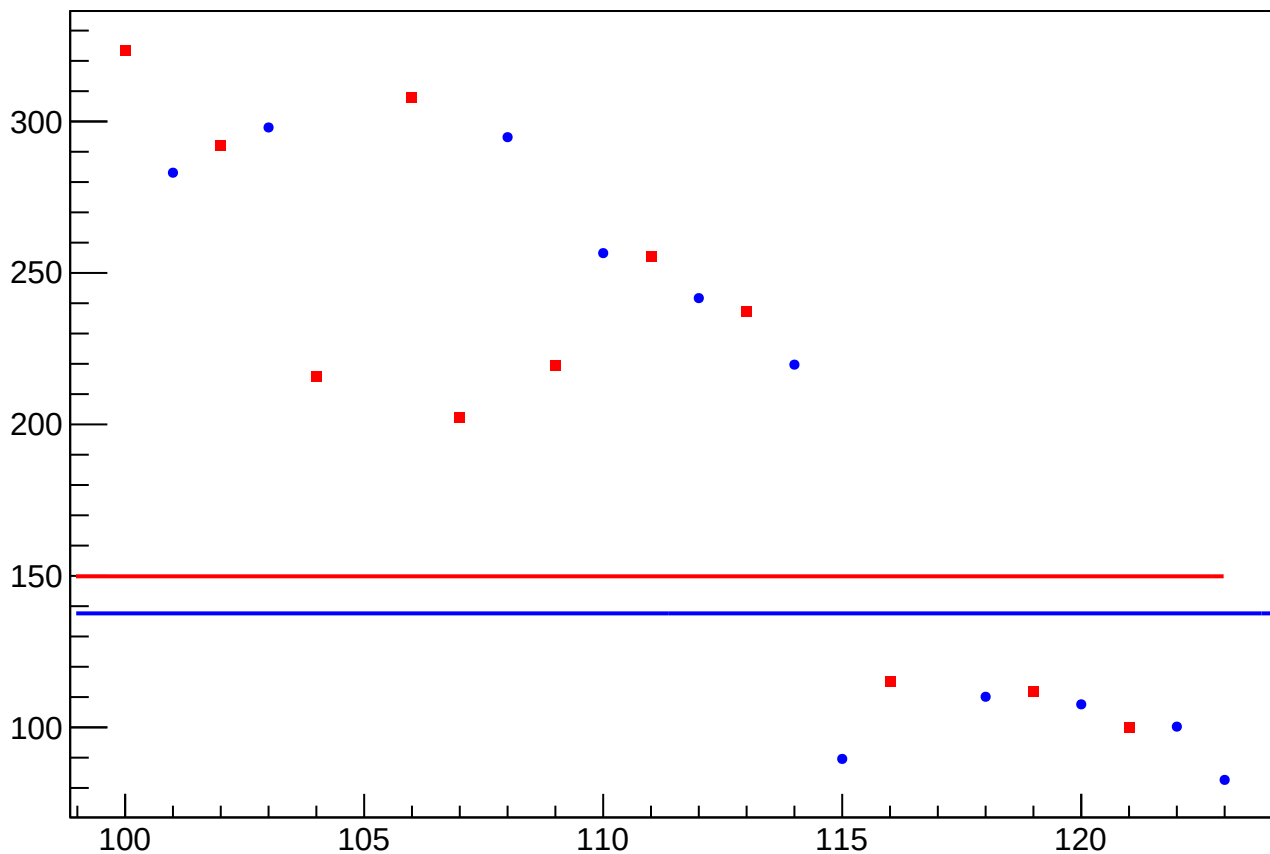
Right: -0.033+/-0.054 χ^2/NDF : 27.4/21

In: -0.043+/-0.077 χ^2/NDF :16.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.033+/-0.054 χ^2/NDF : 27.4/21

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.625+/-0.054 χ^2/NDF : 1626647.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.859+/-0.055 χ^2/NDF : 1386311.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

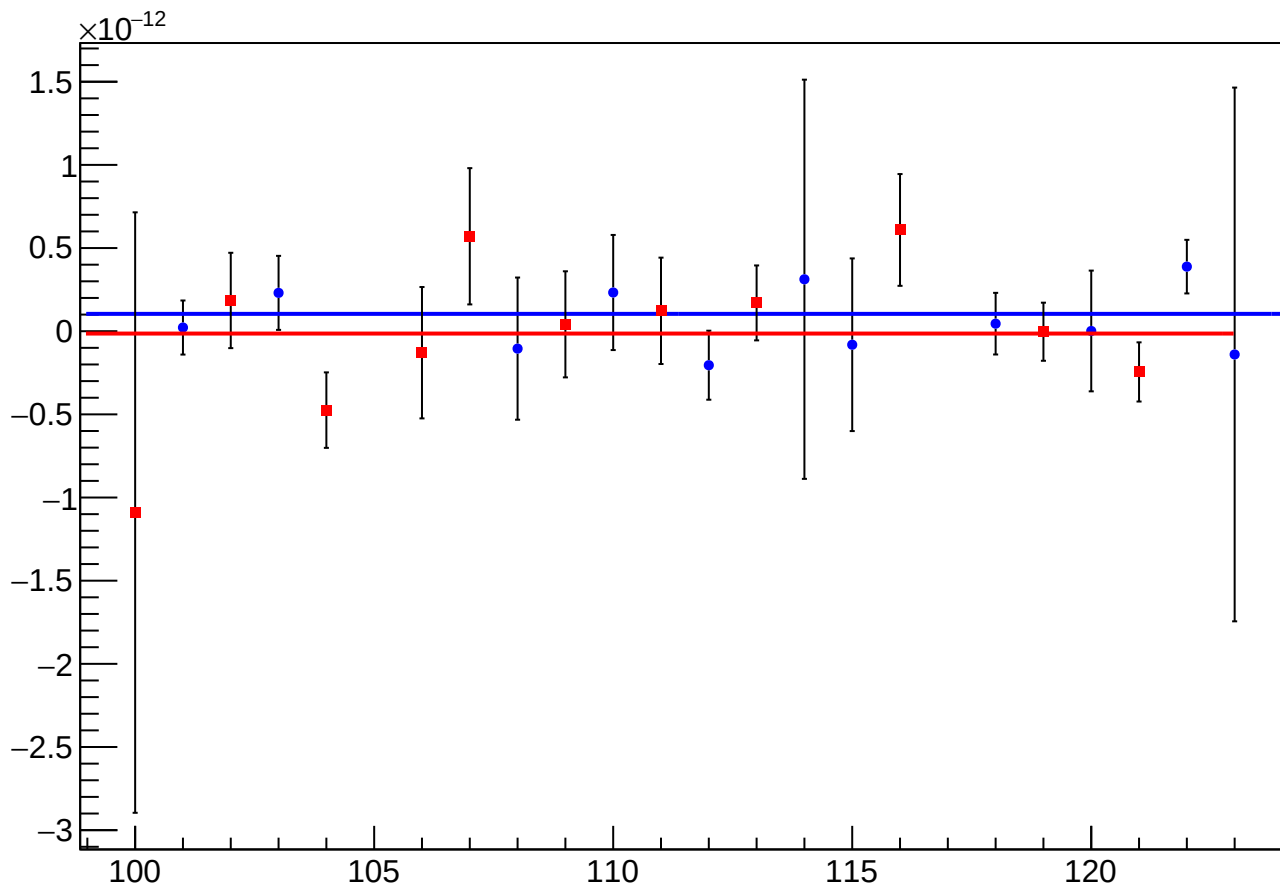
Right: 143.673+/-0.038 χ^2/NDF : 3038206.9/21

In: 137.625+/-0.054 χ^2/NDF : 1626647.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.673+/-0.038 χ^2/NDF : 3038206.9/21

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.6/10

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

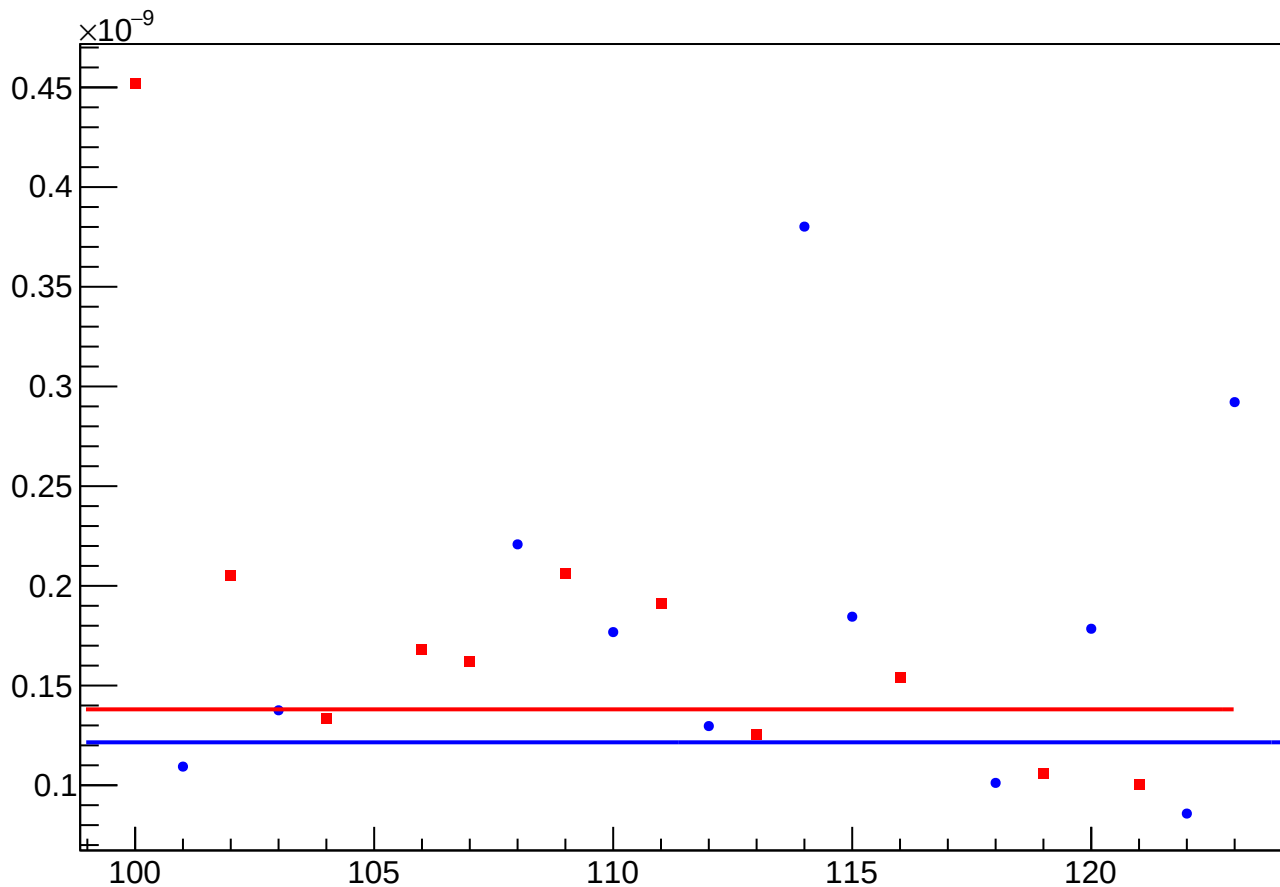
Right: 0.000+/-0.000 χ^2/NDF : 20.9/21

In: 0.000+/-0.000 χ^2/NDF : 6.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/21

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 500439.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 503848.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

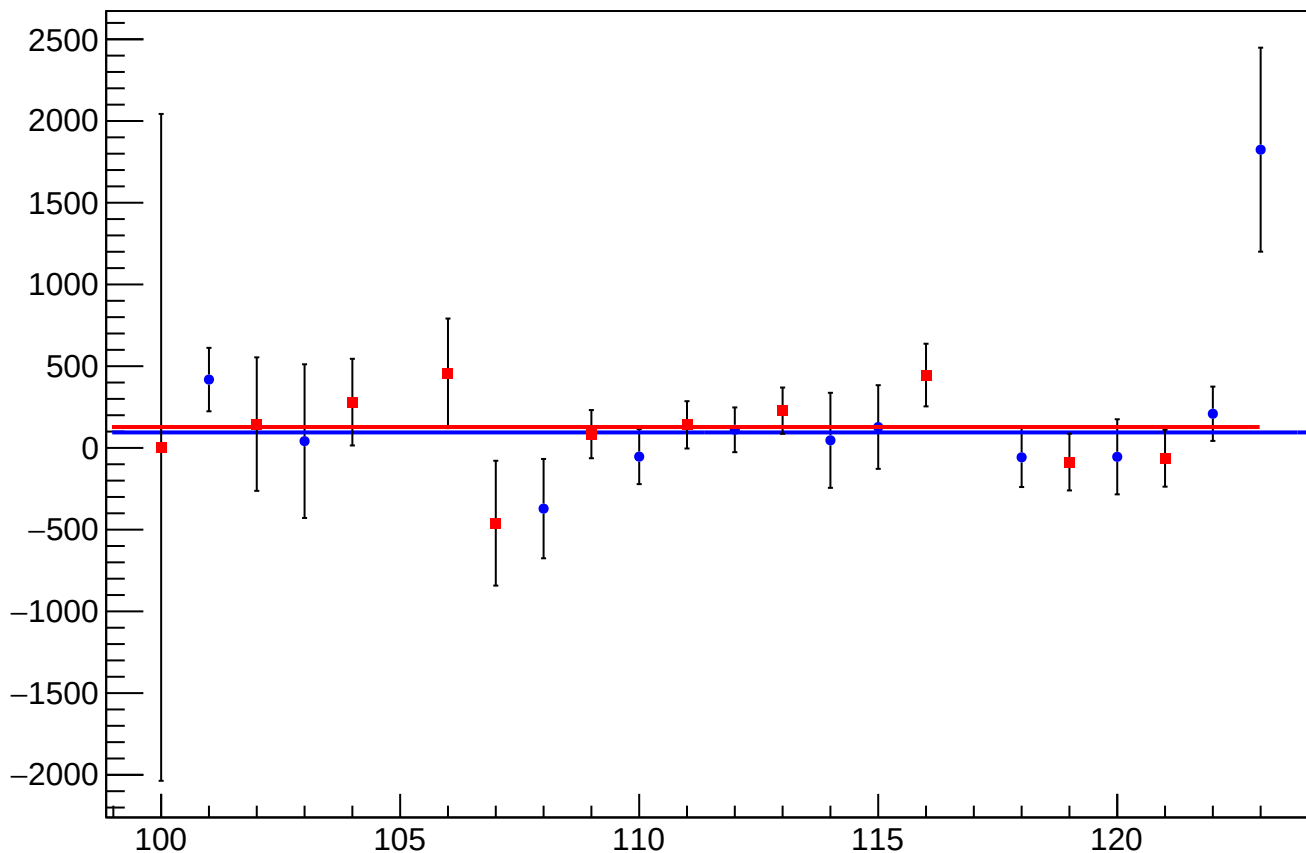
Right: 0.000+/-0.000 χ^2/NDF : 1049529.2/21

In: 0.000+/-0.000 χ^2/NDF : 500439.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1049529.2/21

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.774+/-63.797 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.864+/-60.479 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

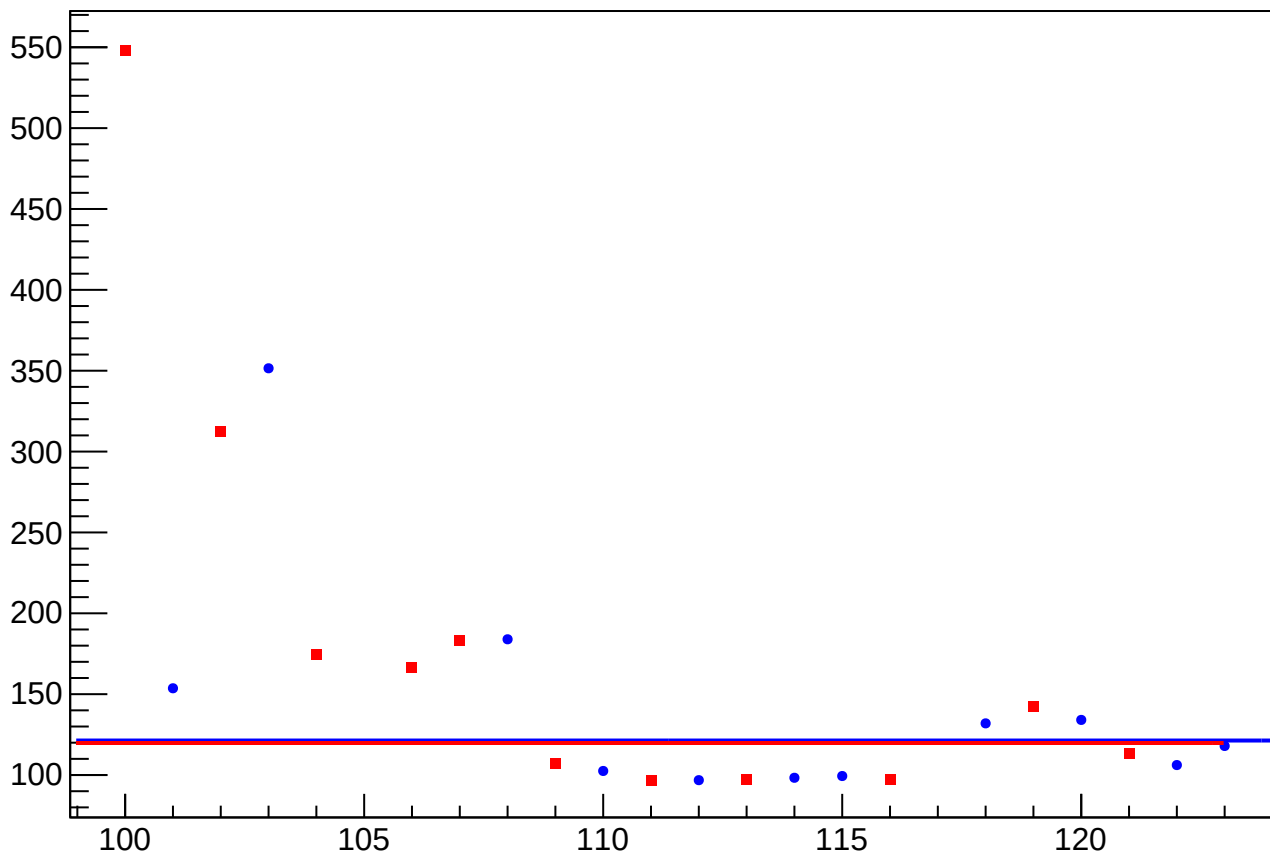
Right: 112.201+/-43.891 χ^2/NDF : 25.1/21

In: 94.774+/-63.797 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.201+/-43.891 χ^2/NDF : 25.1/21

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.340+/-0.045 χ^2/NDF : 765810.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.809+/-0.043 χ^2/NDF : 894859.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

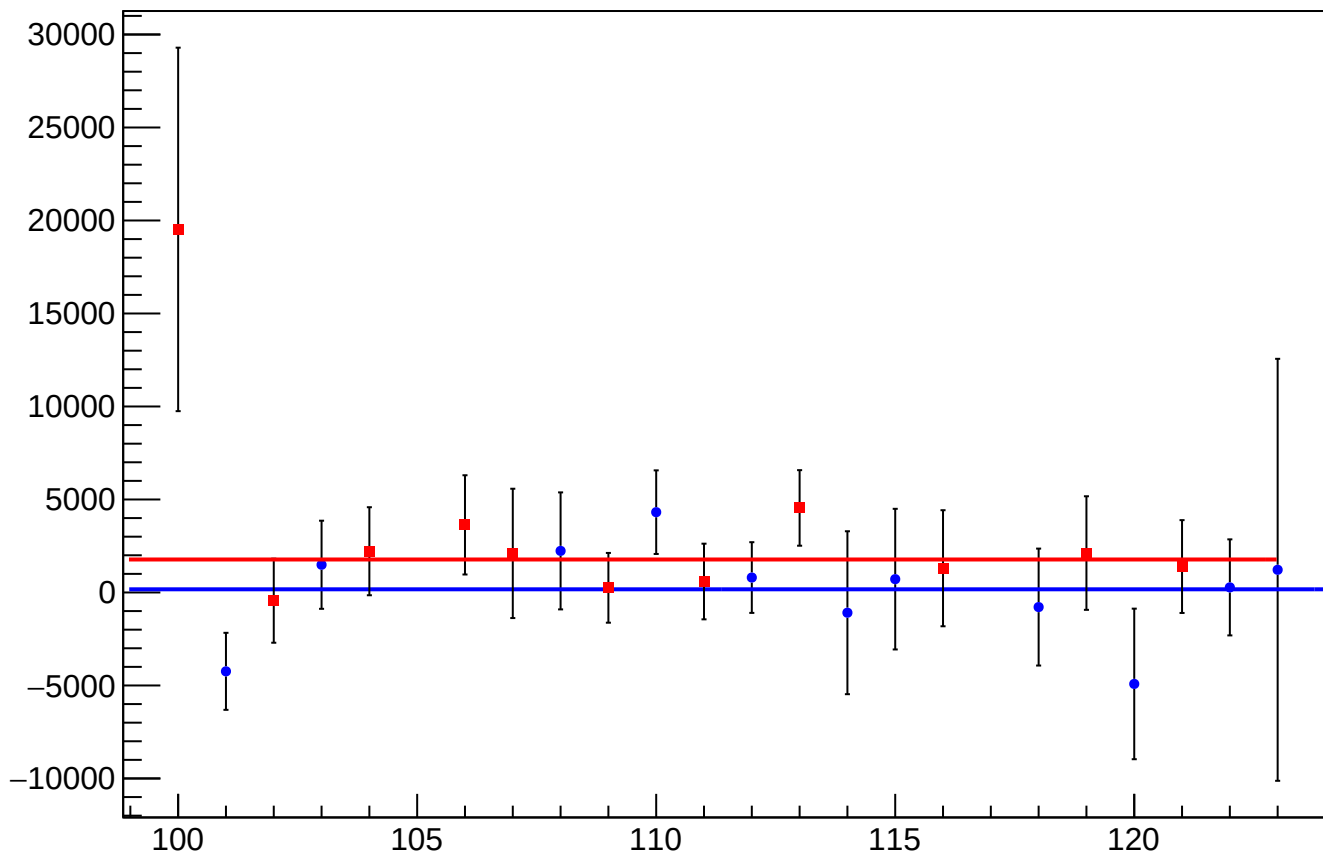
Right: 120.533+/-0.031 χ^2/NDF : 1661276.3/21

In: 121.340+/-0.045 χ^2/NDF : 765810.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.533+/-0.031 χ^2/NDF : 1661276.3/21

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 170.519+/-836.462 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1773.457+/-756.578 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

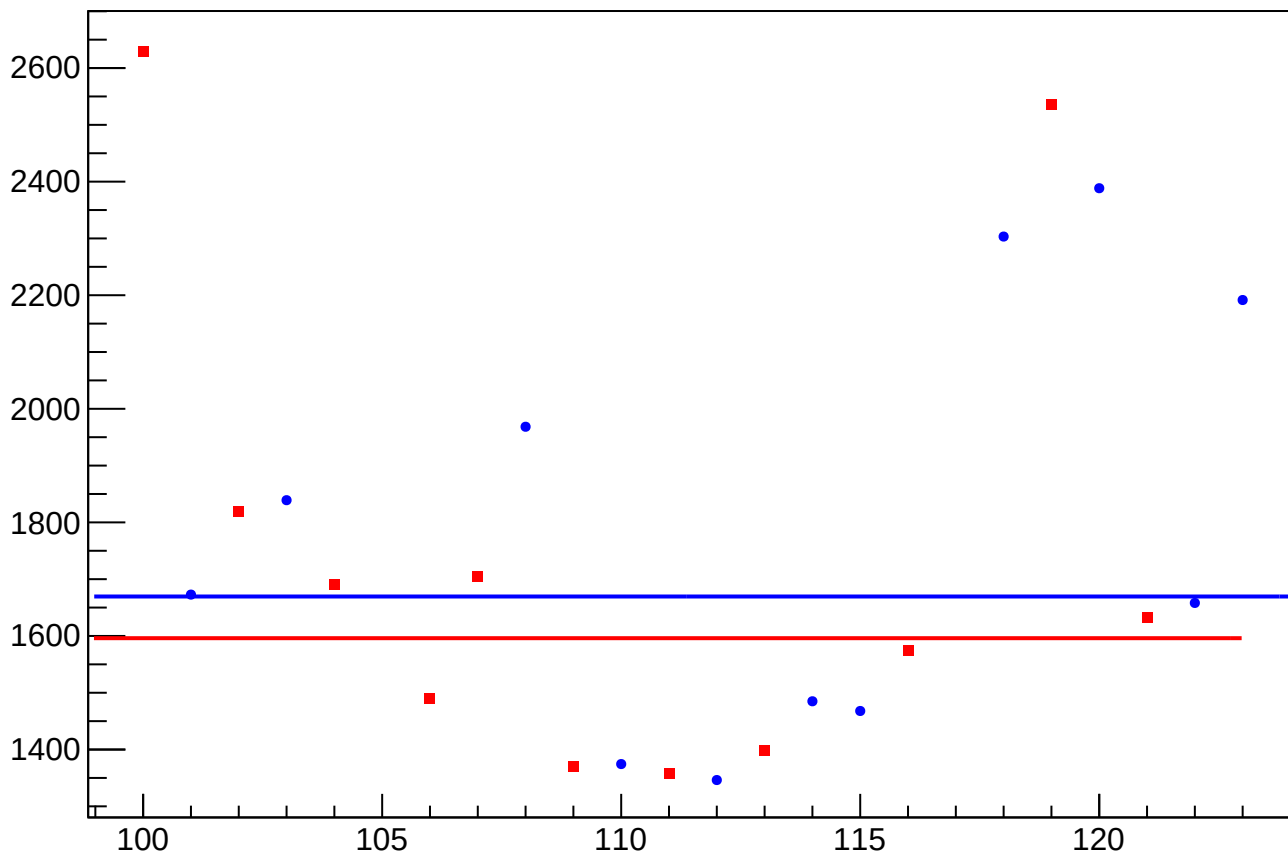
Right: 1052.166+/-561.103 χ^2/NDF : 20.3/21

In: 170.519+/-836.462 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1052.166+/-561.103 χ^2/NDF : 20.3/21

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1669.487+/-0.591 χ^2/NDF : 278491.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.082+/-0.535 χ^2/NDF : 316021.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

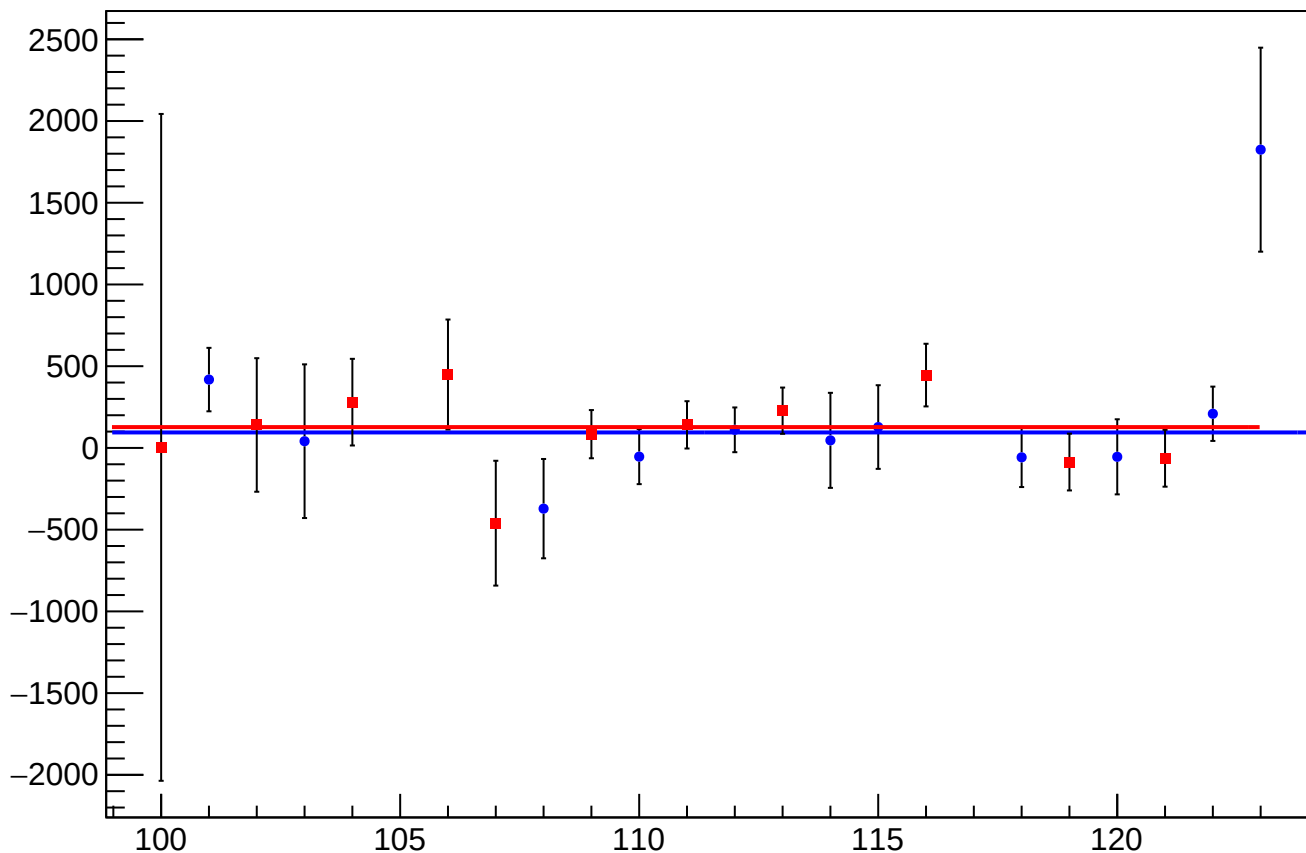
Right: 1629.113+/-0.397 χ^2/NDF : 602985.3/21

In: 1669.487+/-0.591 χ^2/NDF : 278491.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.113+/-0.397 χ^2/NDF : 602985.3/21

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.756+/-63.797 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.423+/-60.487 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

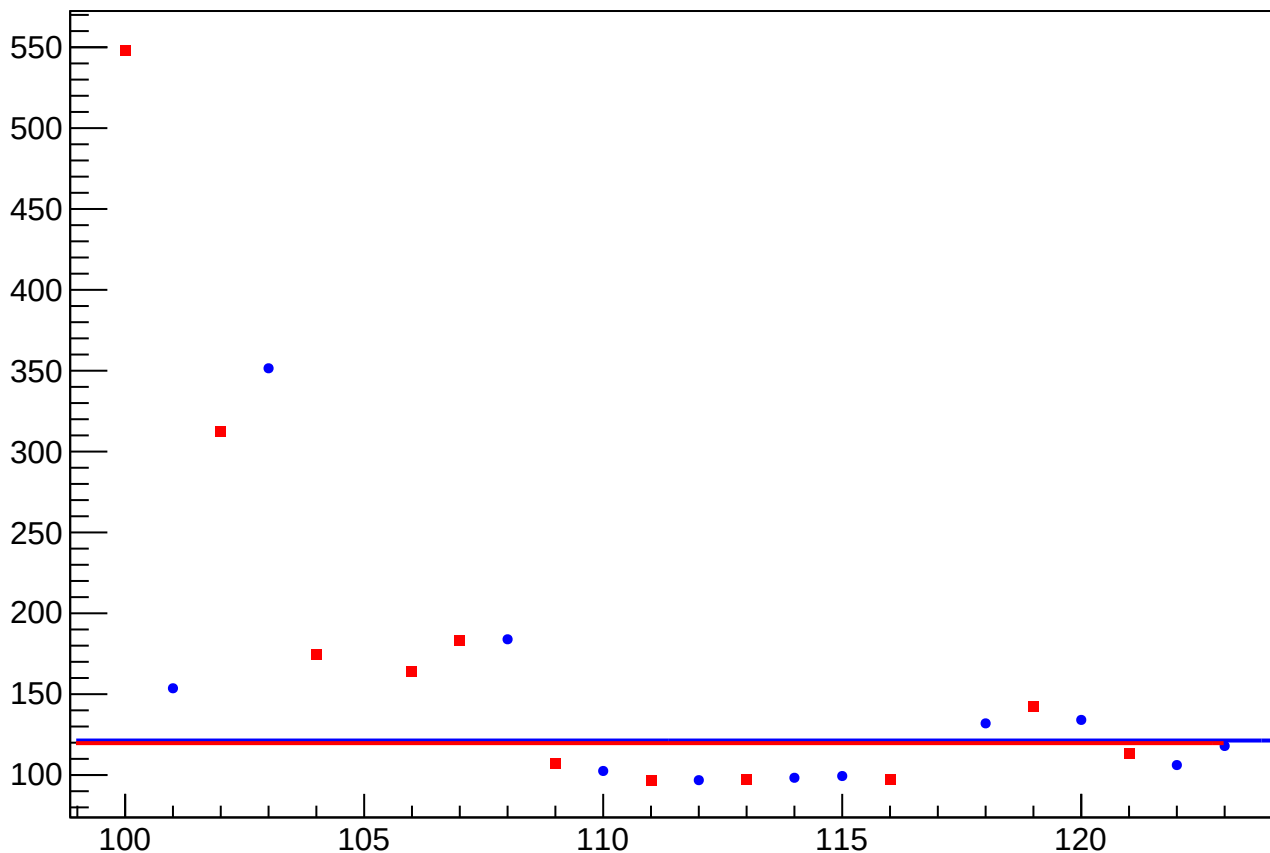
Right: 111.959+/-43.894 χ^2/NDF : 25.1/21

In: 94.756+/-63.797 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.959+/-43.894 χ^2/NDF : 25.1/21

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.340 $\pm$ 0.045 χ^2 /NDF: 765813.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.718 $\pm$ 0.043 χ^2 /NDF: 890739.4/10

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

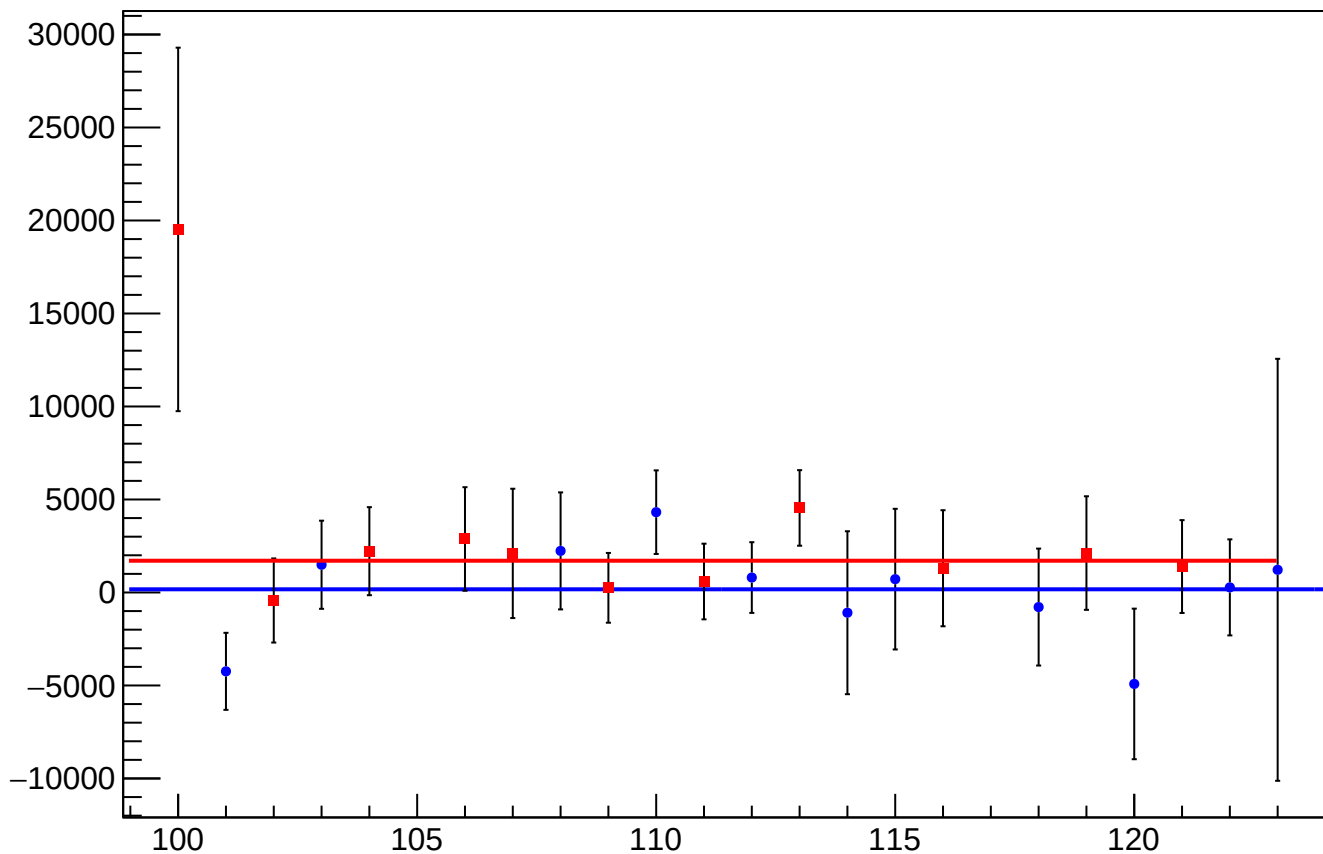
Right: 120.485 $\pm$ 0.031 χ^2 /NDF: 1657233.2/21

In: 121.340 $\pm$ 0.045 χ^2 /NDF: 765813.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.485 $\pm$ 0.031 χ^2 /NDF: 1657233.2/21

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 170.566+/-836.473 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.931+/-759.142 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

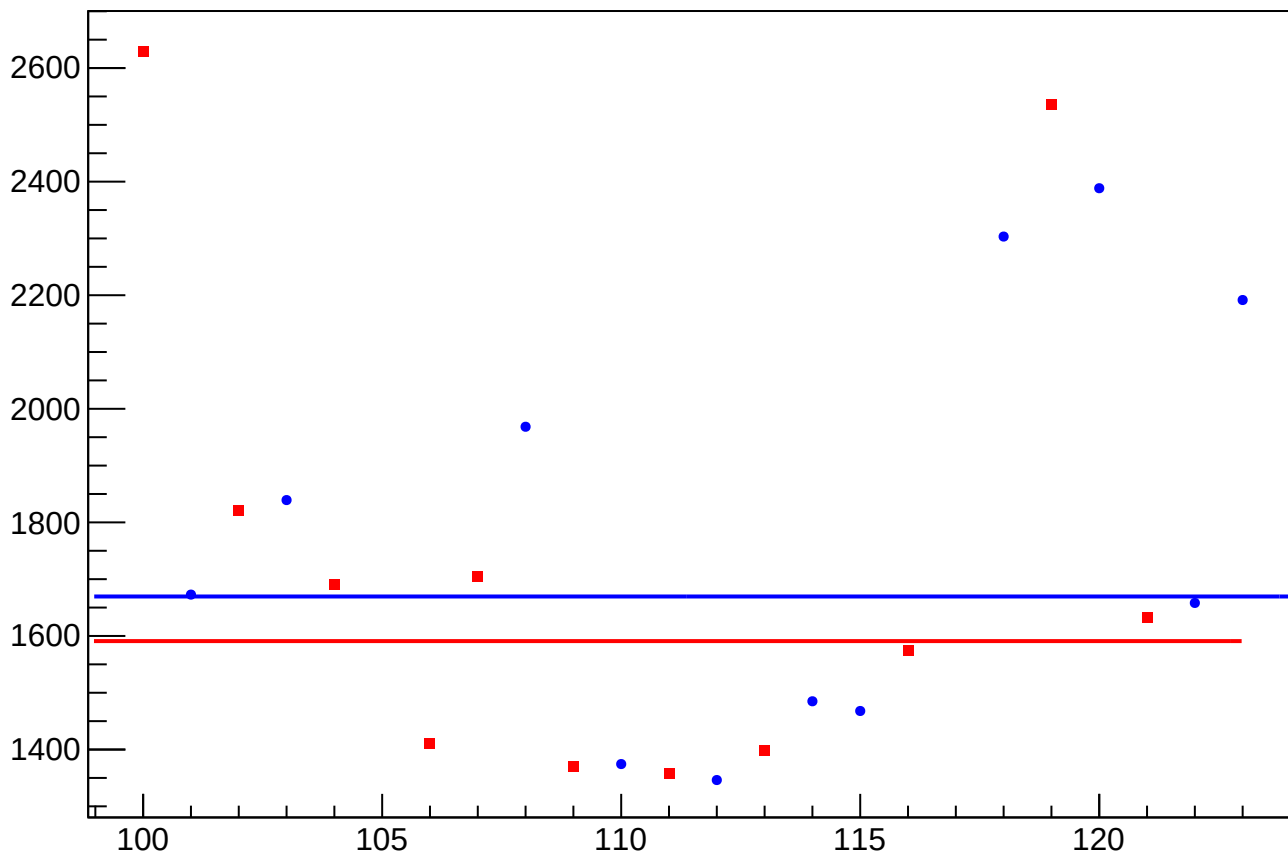
Right: 1013.034+/-562.150 χ^2/NDF : 19.8/21

In: 170.566+/-836.473 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.034+/-562.150 χ^2/NDF : 19.8/21

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1669.506+/-0.591 χ^2/NDF : 278514.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.961+/-0.537 χ^2/NDF : 321936.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

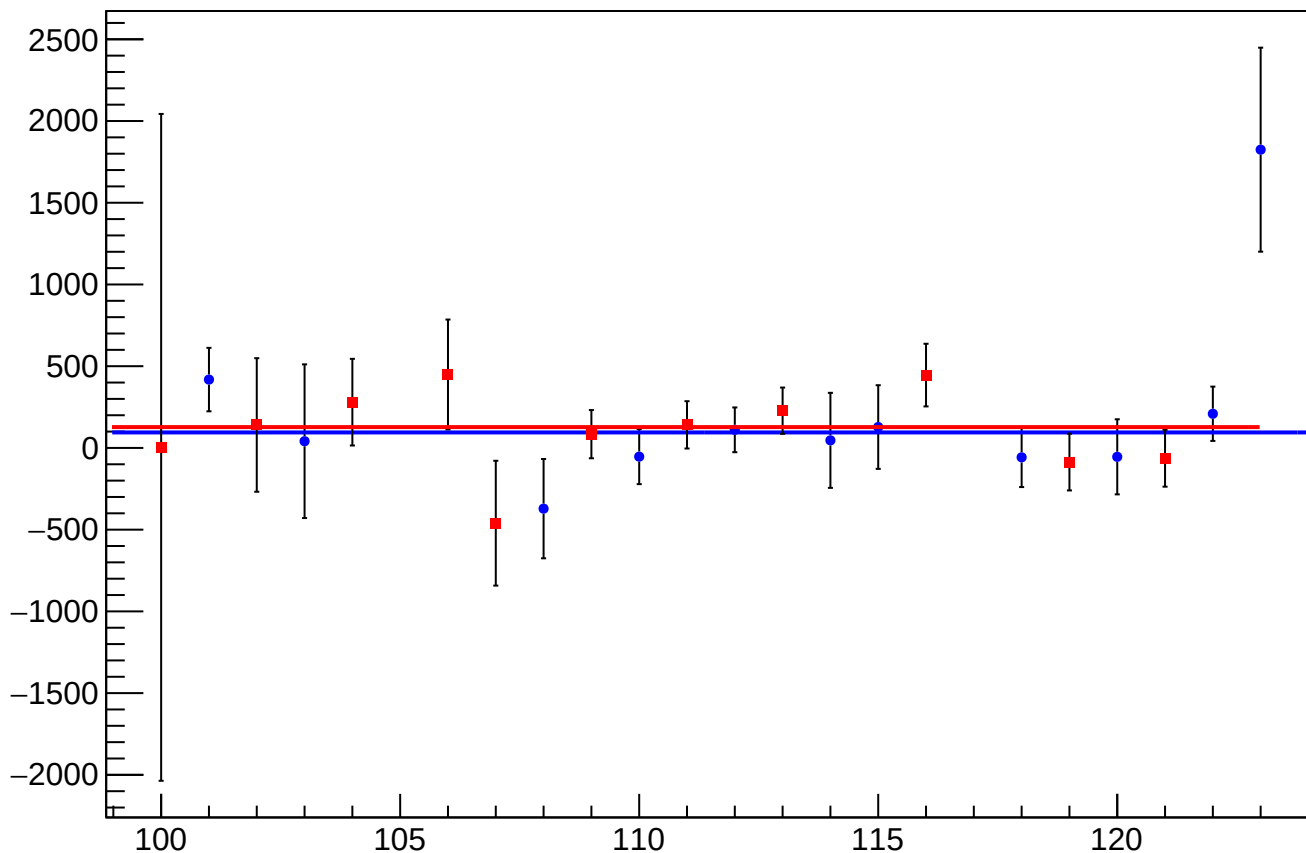
Right: 1626.436+/-0.398 χ^2/NDF : 610119.9/21

In: 1669.506+/-0.591 χ^2/NDF : 278514.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.436+/-0.398 χ^2/NDF : 610119.9/21

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.756+/-63.797 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.423+/-60.487 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

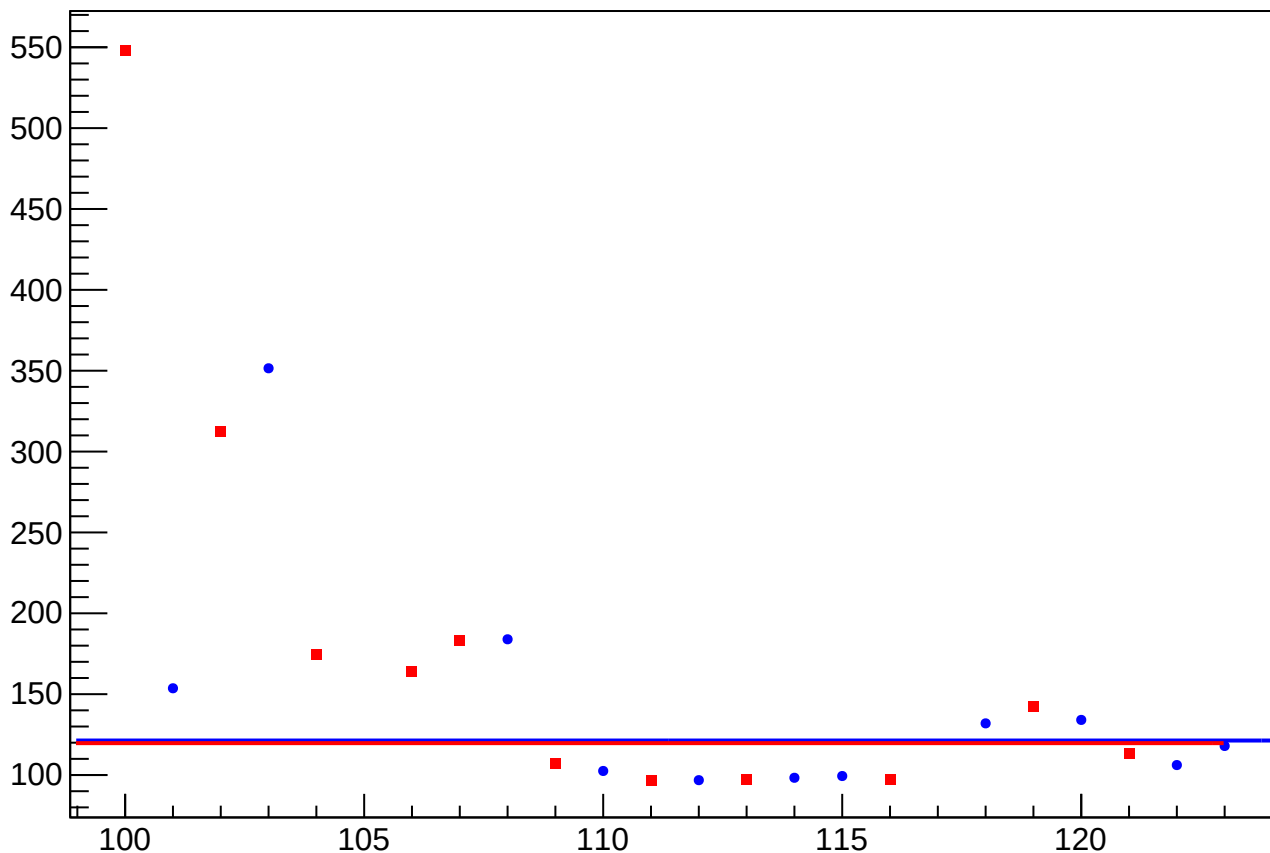
Right: 111.959+/-43.894 χ^2/NDF : 25.1/21

In: 94.756+/-63.797 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.959+/-43.894 χ^2/NDF : 25.1/21

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.340+/-0.045 χ^2/NDF : 765813.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.718+/-0.043 χ^2/NDF : 890739.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

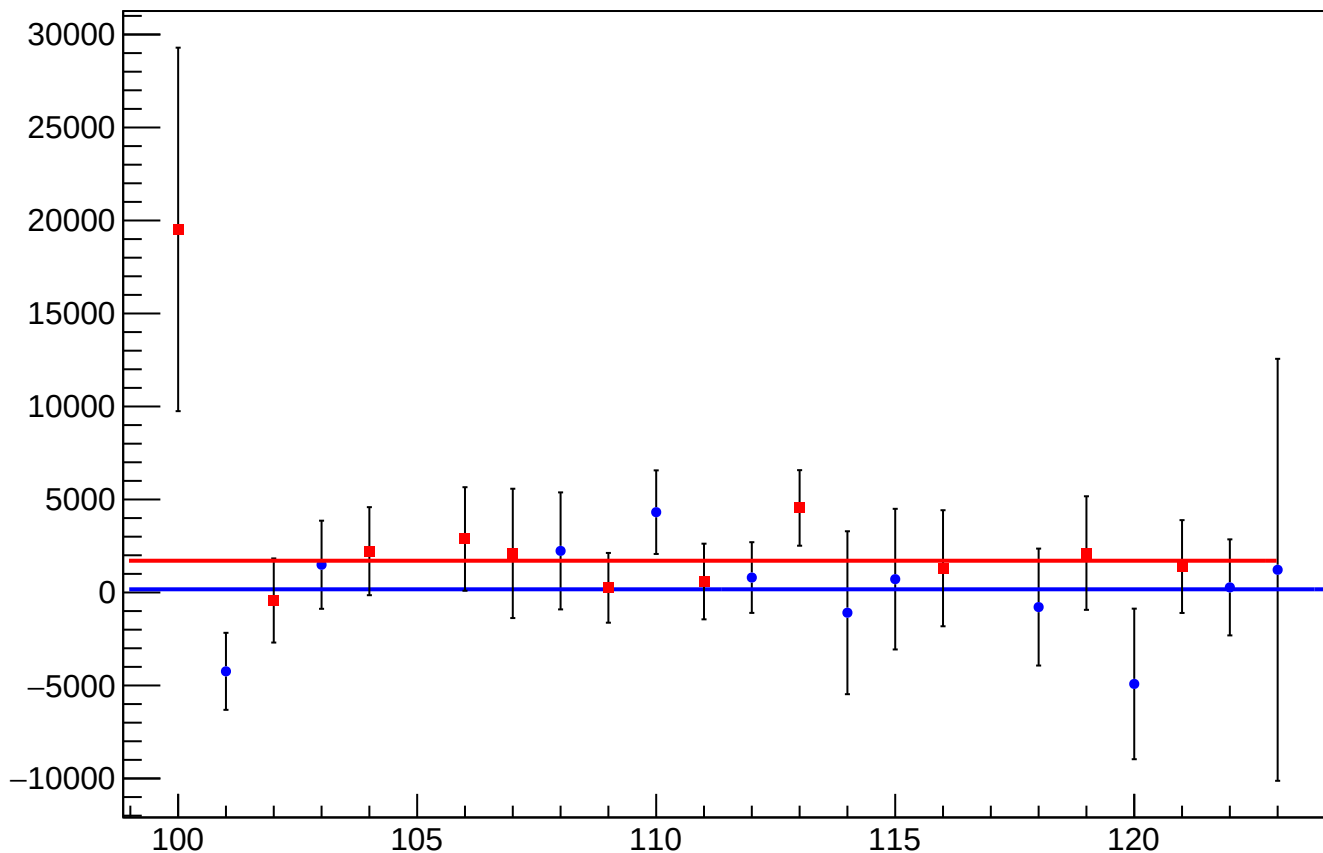
Right: 120.485+/-0.031 χ^2/NDF : 1657233.2/21

In: 121.340+/-0.045 χ^2/NDF : 765813.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.485+/-0.031 χ^2/NDF : 1657233.2/21

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 170.566+/-836.473 χ^2 /NDF: 10.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1706.931+/-759.142 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

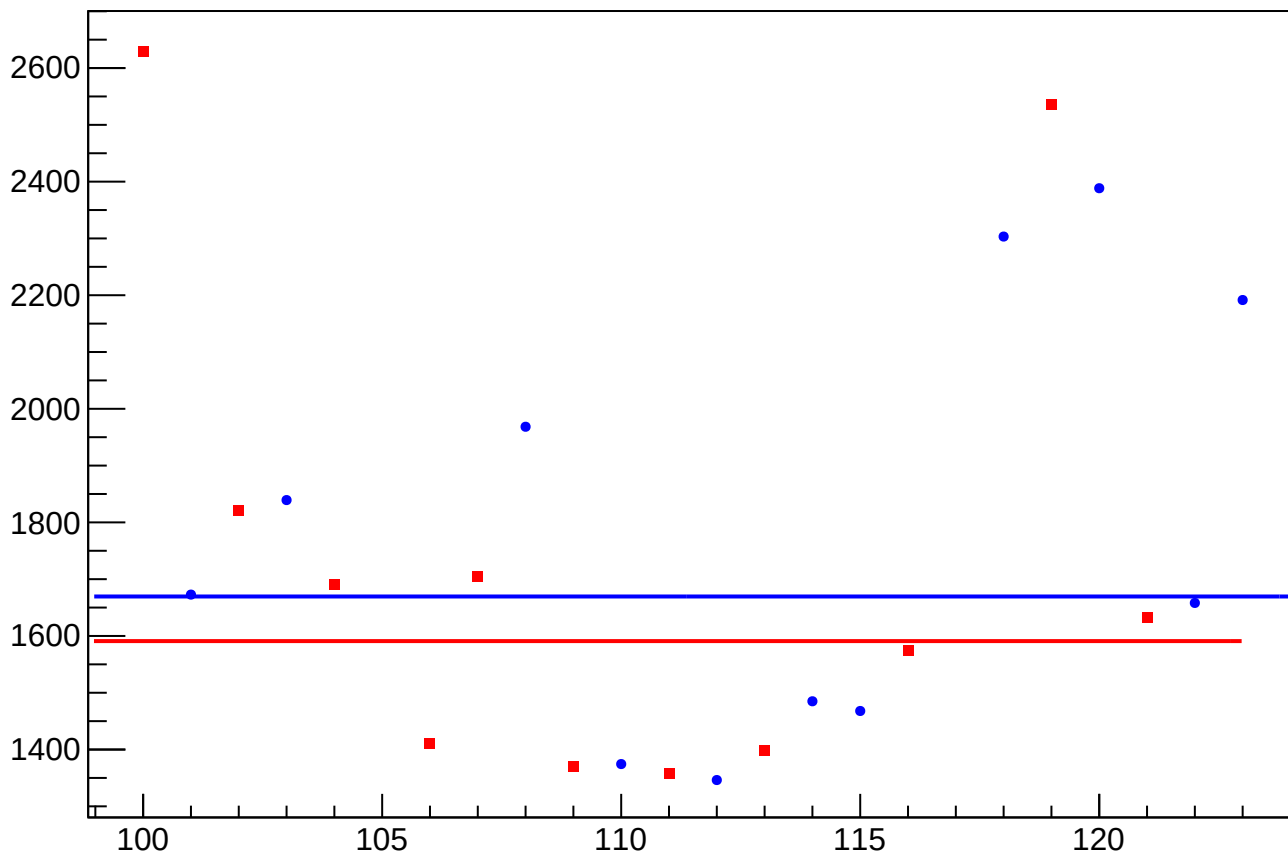
Right: 1013.034+/-562.150 χ^2 /NDF: 19.8/21

In: 170.566+/-836.473 χ^2 /NDF:10.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1013.034+/-562.150 χ^2 /NDF: 19.8/21

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1669.506+/-0.591 χ^2/NDF : 278514.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.961+/-0.537 χ^2/NDF : 321936.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

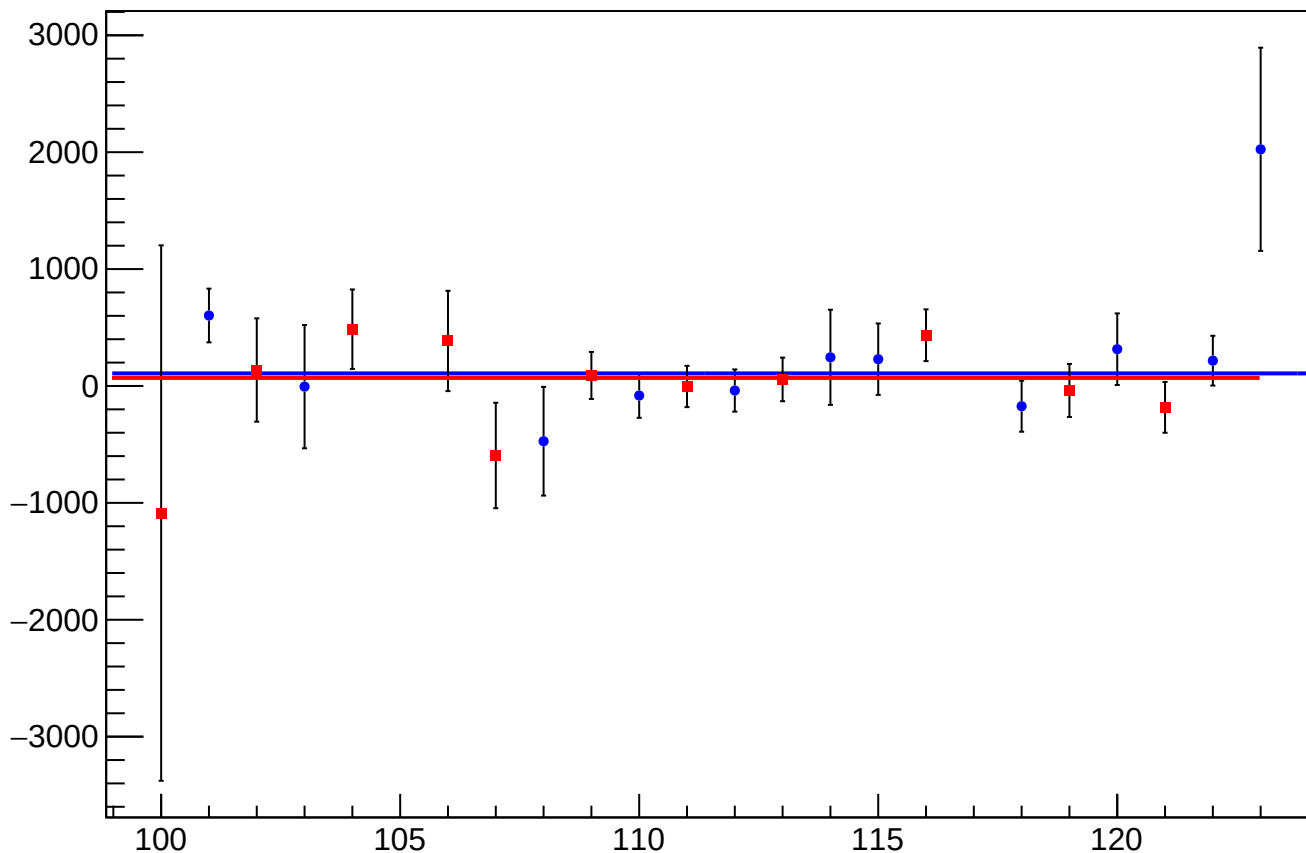
Right: 1626.436+/-0.398 χ^2/NDF : 610119.9/21

In: 1669.506+/-0.591 χ^2/NDF : 278514.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.436+/-0.398 χ^2/NDF : 610119.9/21

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 107.519 $\pm$ 79.791 χ^2 /NDF: 15.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.075 $\pm$ 76.529 χ^2 /NDF: 9.0/10

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

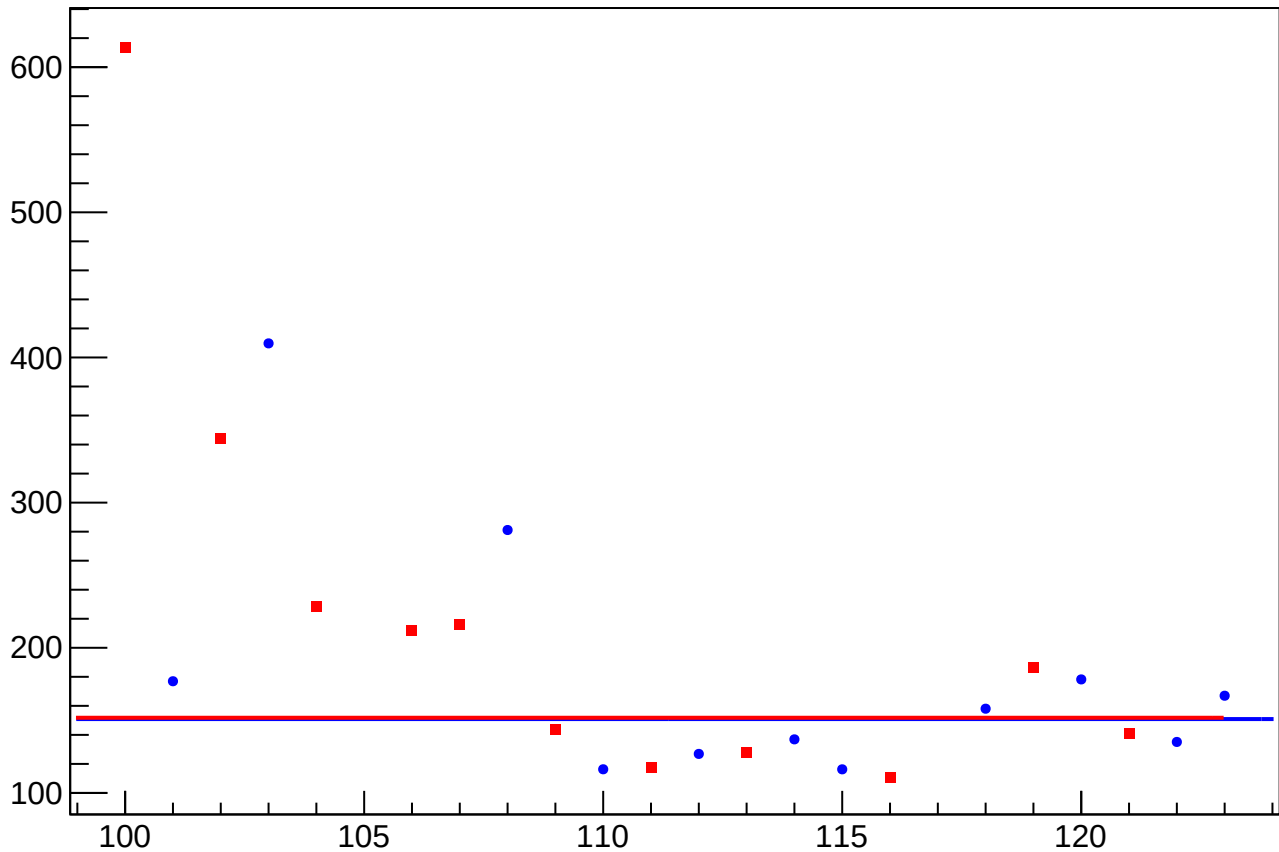
Right: 87.495 $\pm$ 55.231 χ^2 /NDF: 24.5/21

In: 107.519 $\pm$ 79.791 χ^2 /NDF:15.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.495 $\pm$ 55.231 χ^2 /NDF: 24.5/21

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 150.893+/-0.056 χ^2/NDF : 823027.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.799+/-0.054 χ^2/NDF : 875237.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

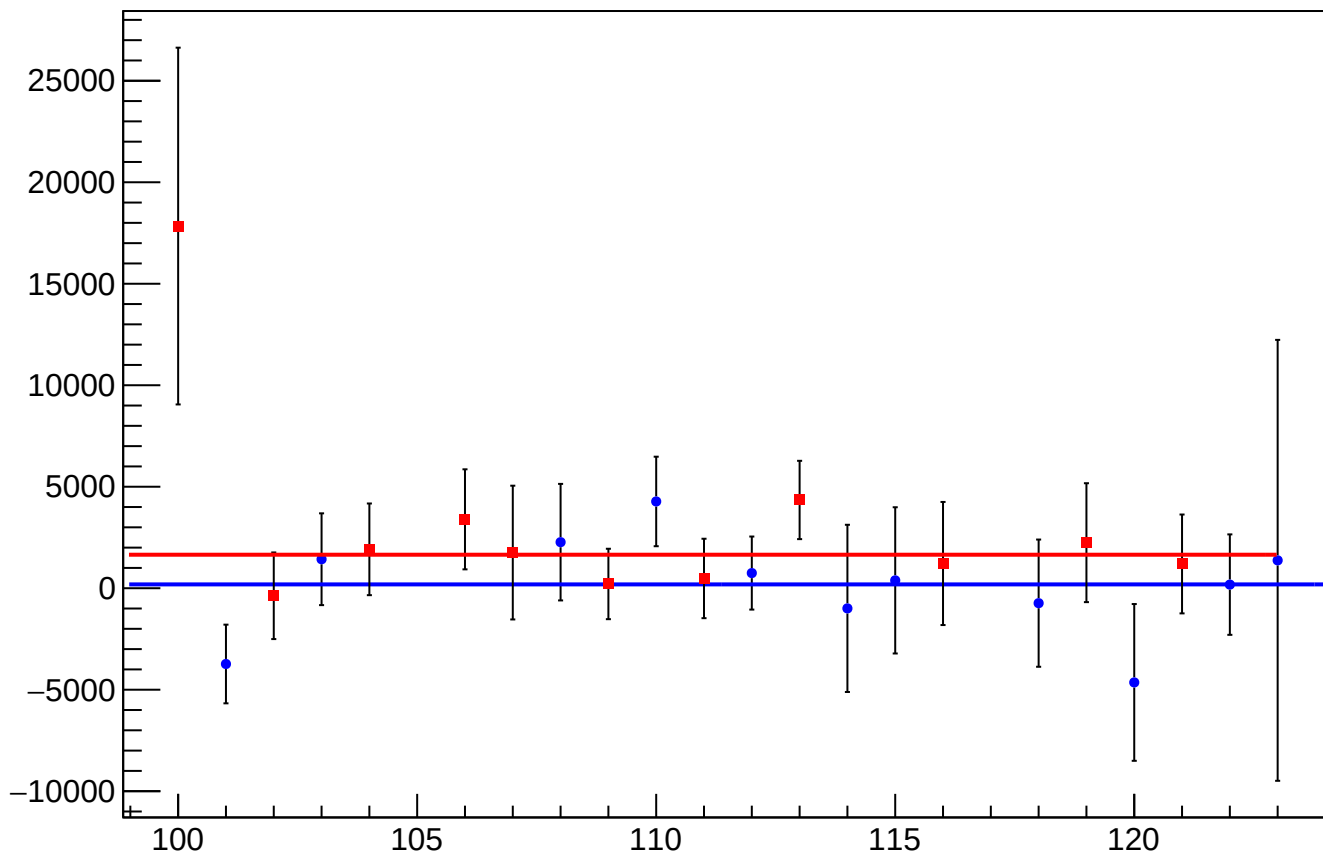
Right: 151.365+/-0.039 χ^2/NDF : 1698399.3/21

In: 150.893+/-0.056 χ^2/NDF : 823027.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.365+/-0.039 χ^2/NDF : 1698399.3/21

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 188.308 ± 796.988 χ^2/NDF : 10.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1650.443 ± 717.632 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

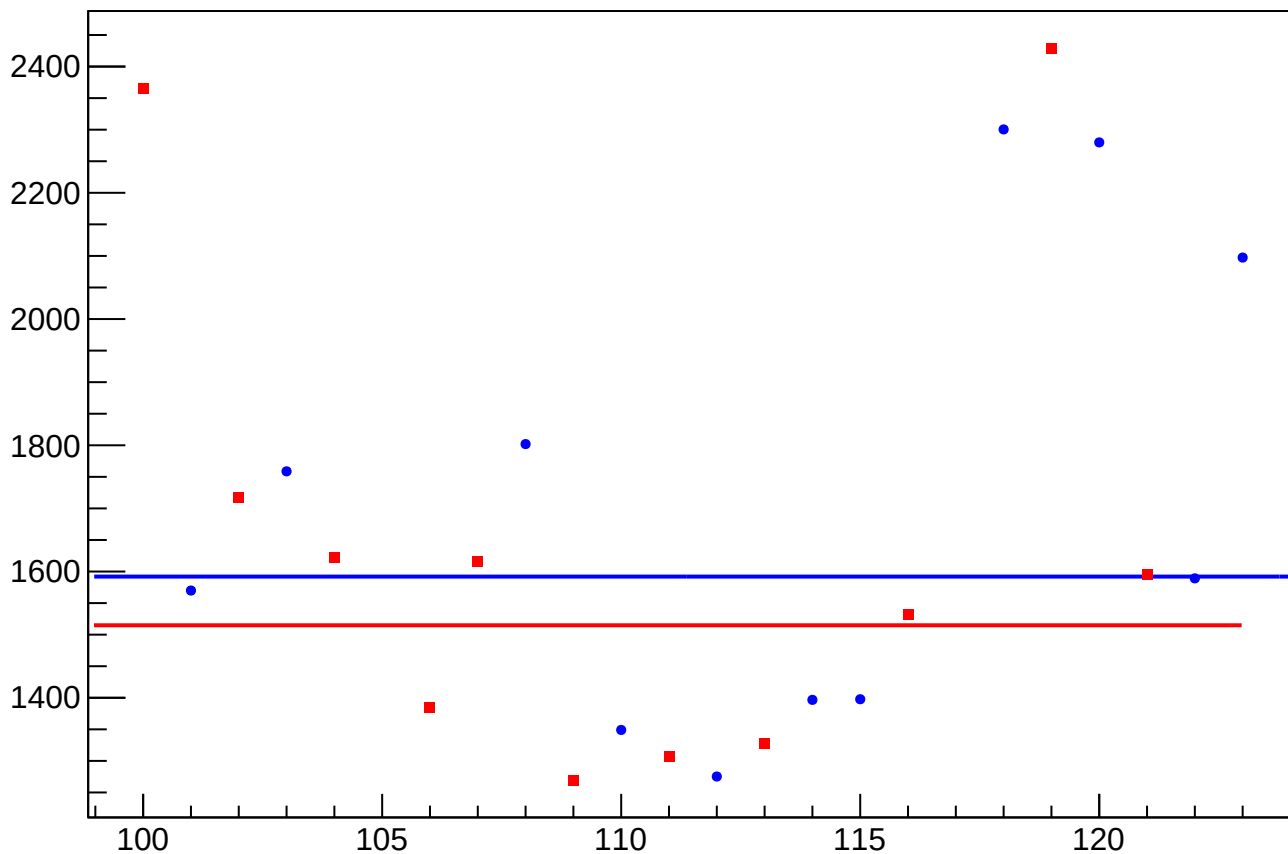
Right: 995.773 ± 533.297 χ^2/NDF : 20.0/21

In: 188.308 ± 796.988 χ^2/NDF : 10.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 995.773 ± 533.297 χ^2/NDF : 20.0/21

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1592.003+/-0.564 χ^2/NDF : 288365.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1514.867+/-0.507 χ^2/NDF : 326884.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

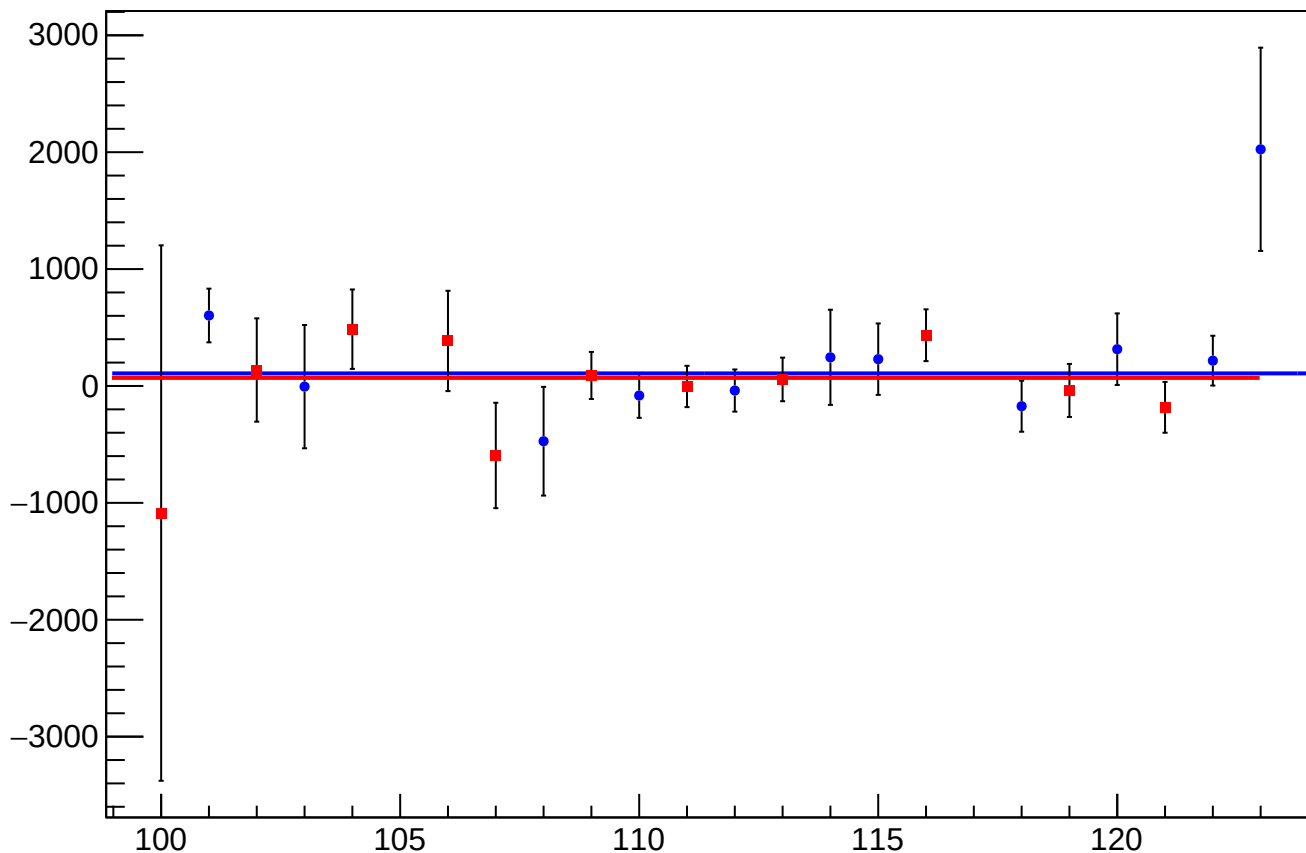
Right: 1549.405+/-0.377 χ^2/NDF : 625595.7/21

In: 1592.003+/-0.564 χ^2/NDF : 288365.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.405+/-0.377 χ^2/NDF : 625595.7/21

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 107.515 $\pm$ 79.792 χ^2 /NDF: 15.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.073 $\pm$ 76.529 χ^2 /NDF: 9.0/10

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

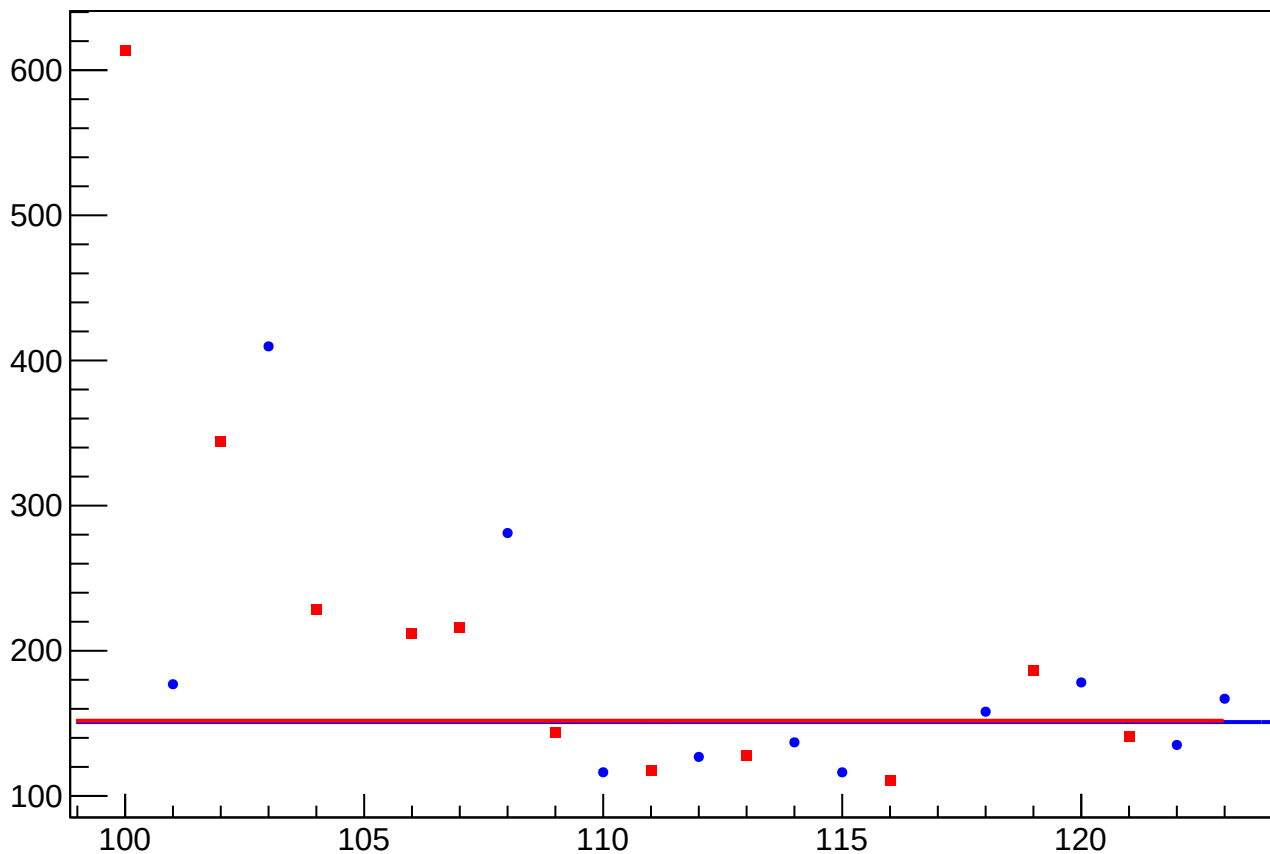
Right: 87.492 $\pm$ 55.232 χ^2 /NDF: 24.5/21

In: 107.515 $\pm$ 79.792 χ^2 /NDF:15.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.492 $\pm$ 55.232 χ^2 /NDF: 24.5/21

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 150.894+/-0.056 χ^2/NDF : 823022.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.799+/-0.054 χ^2/NDF : 875233.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

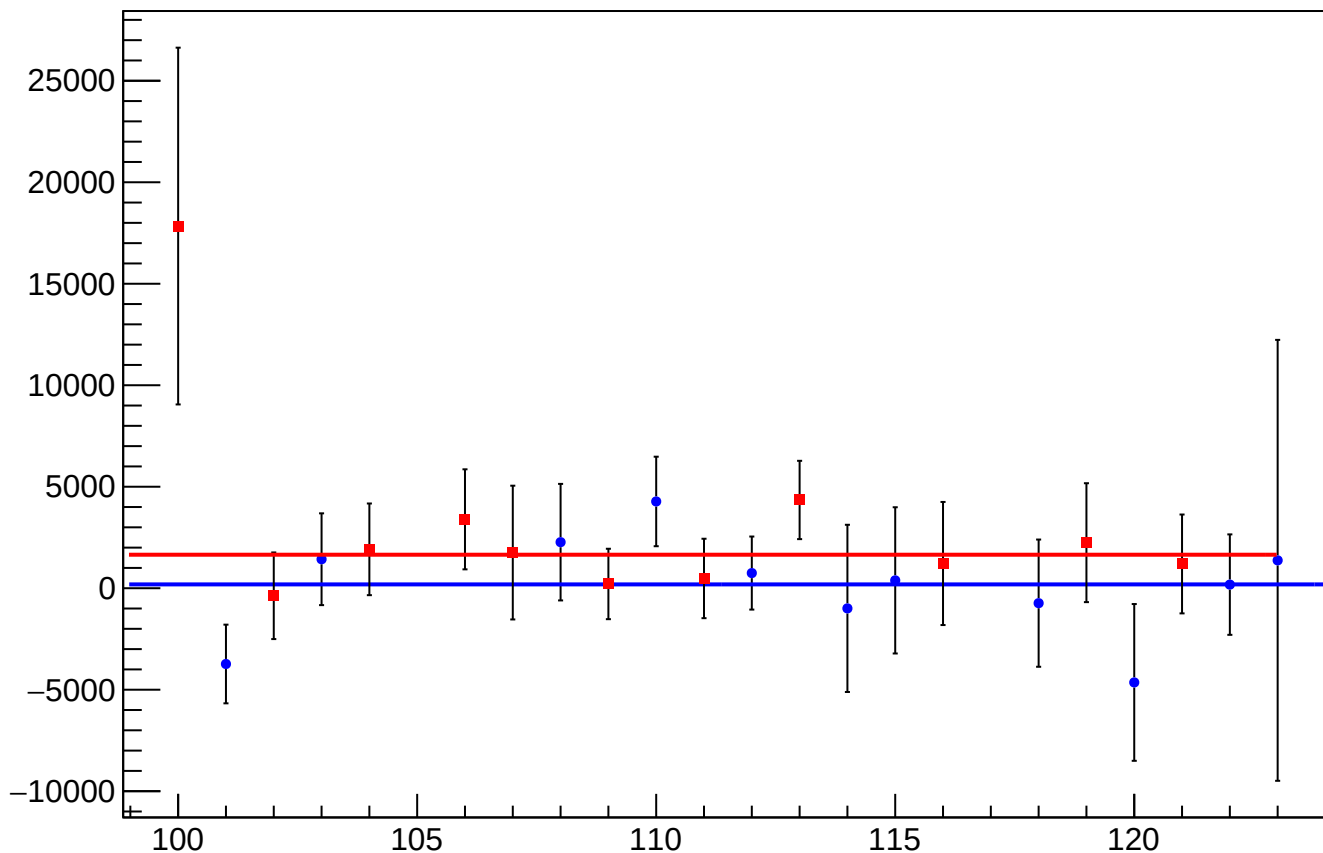
Right: 151.365+/-0.039 χ^2/NDF : 1698390.1/21

In: 150.894+/-0.056 χ^2/NDF : 823022.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.365+/-0.039 χ^2/NDF : 1698390.1/21

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 188.307 $\pm$ 796.987 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1650.440 $\pm$ 717.630 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

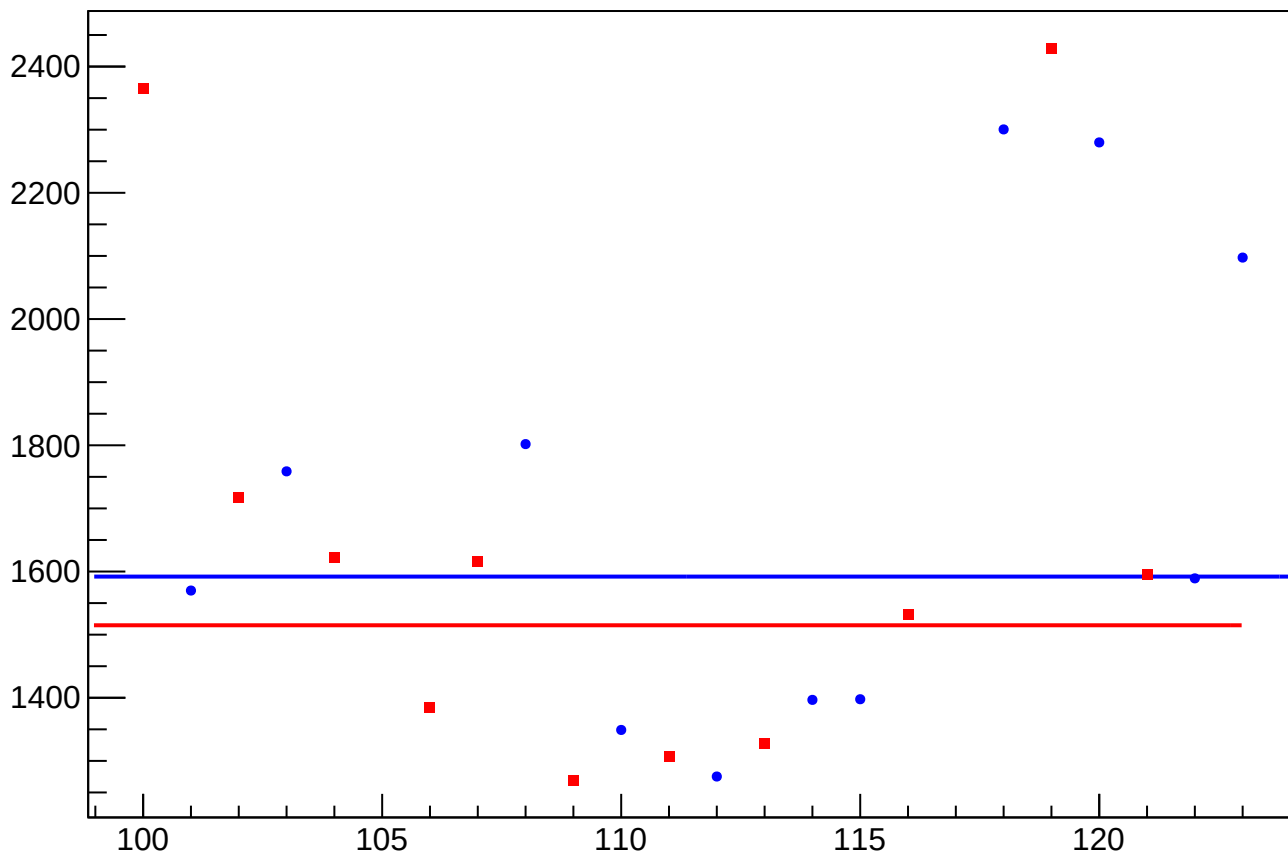
Right: 995.771 $\pm$ 533.297 χ^2 /NDF: 20.0/21

In: 188.307 $\pm$ 796.987 χ^2 /NDF:10.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 995.771 $\pm$ 533.297 χ^2 /NDF: 20.0/21

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1592.000+/-0.564 χ^2/NDF : 288367.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1514.864+/-0.507 χ^2/NDF : 326884.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

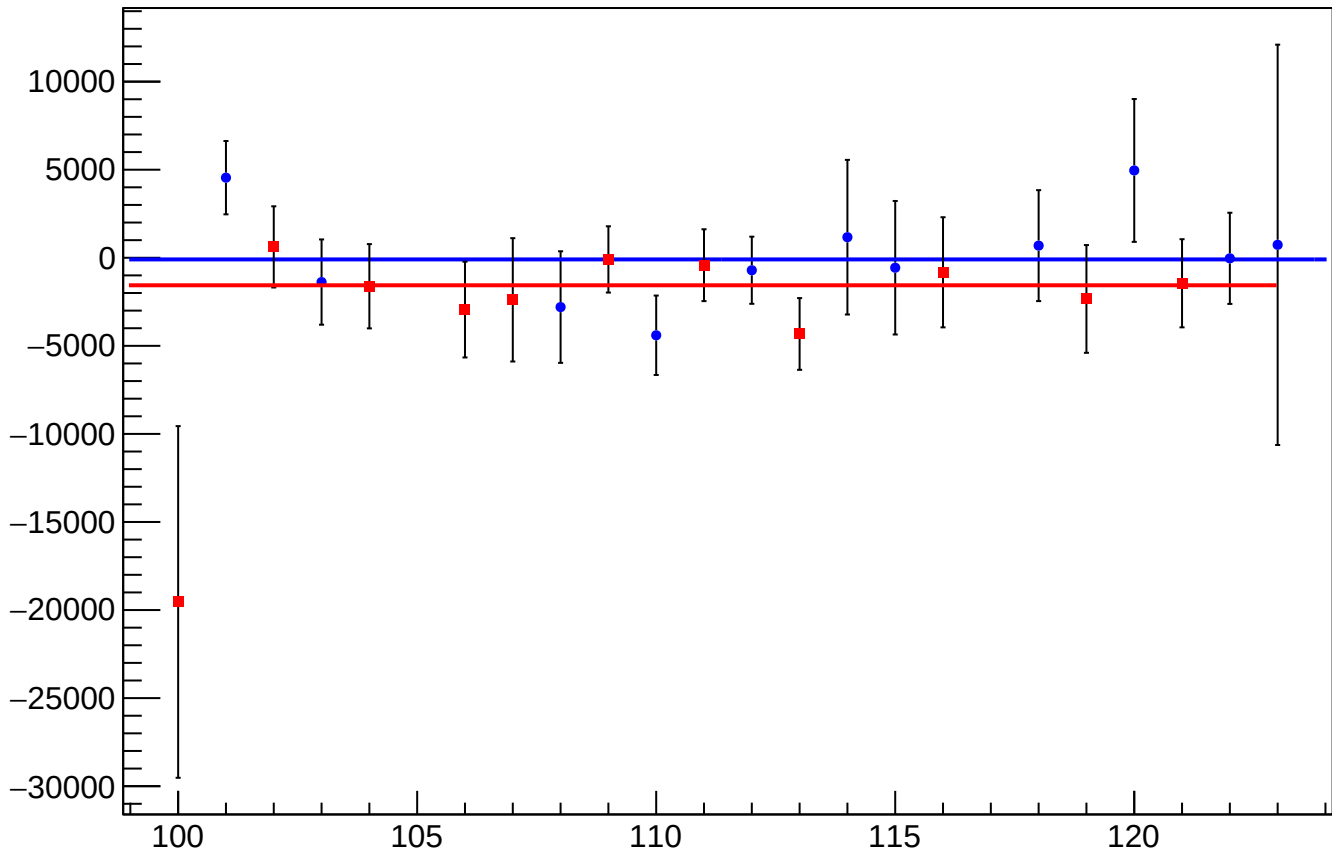
Right: 1549.402+/-0.377 χ^2/NDF : 625598.2/21

In: 1592.000+/-0.564 χ^2/NDF : 288367.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.402+/-0.377 χ^2/NDF : 625598.2/21

asym_sam3_mean vs Slug, Sign Corrected



Right In: -93.453 ± 841.109 χ^2/NDF : 11.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1561.824 ± 761.823 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

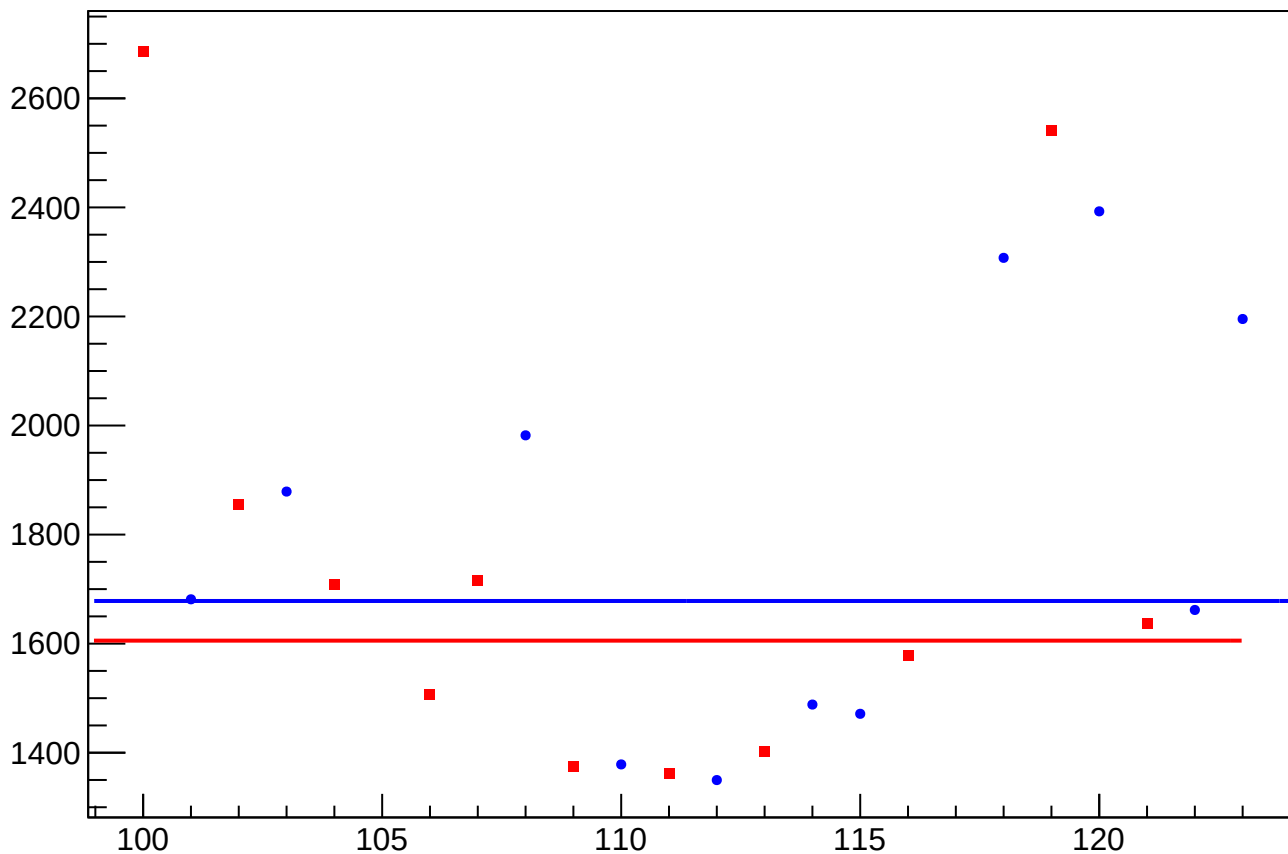
Right: -900.092 ± 564.645 χ^2/NDF : 20.5/21

In: -93.453 ± 841.109 χ^2/NDF : 11.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -900.092 ± 564.645 χ^2/NDF : 20.5/21

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1678.243+/-0.595 χ^2/NDF : 282748.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.516+/-0.539 χ^2/NDF : 321729.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

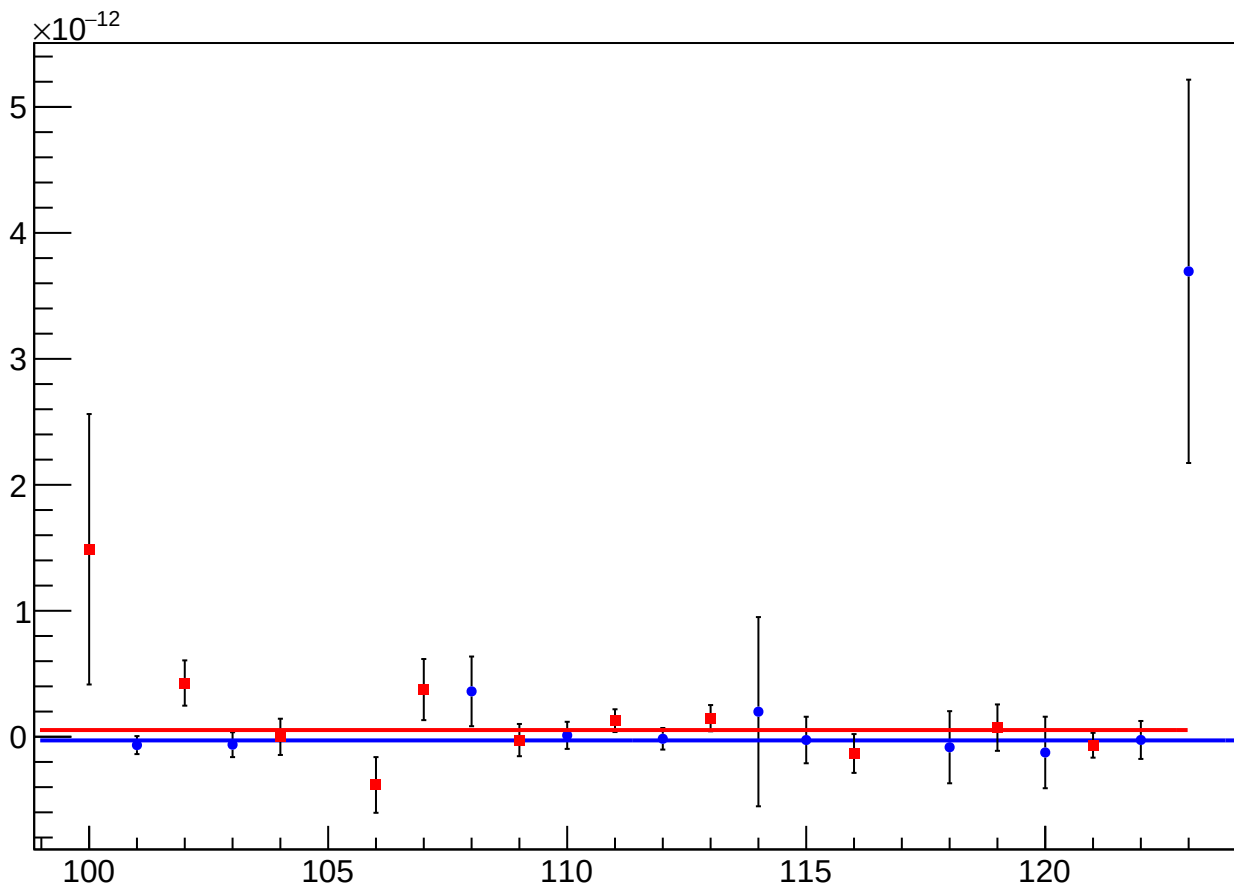
Right: 1638.291+/-0.399 χ^2/NDF : 612691.7/21

In: 1678.243+/-0.595 χ^2/NDF : 282748.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.291+/-0.399 χ^2/NDF : 612691.7/21

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 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

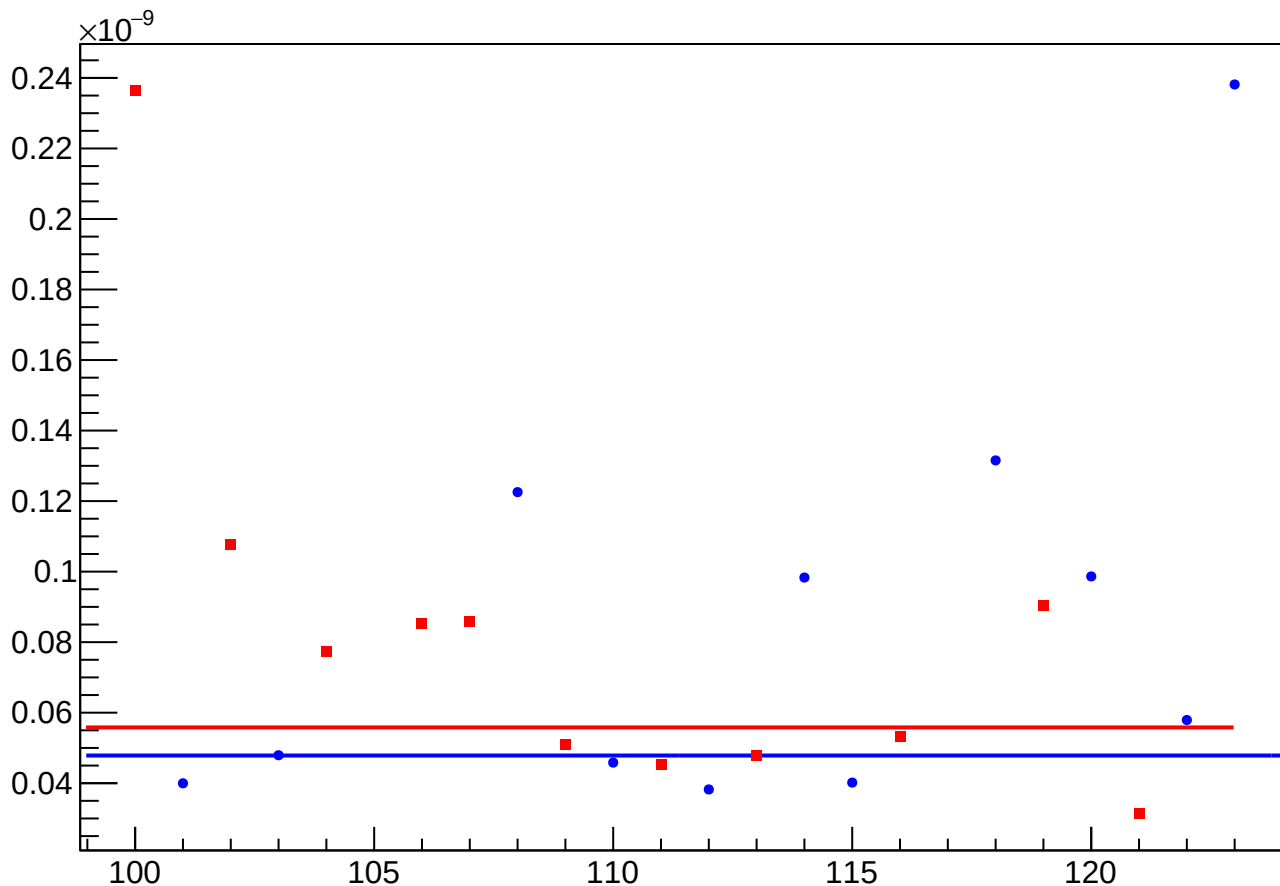
Right: 0.000+/-0.000 χ^2 /NDF: 27.5/21

In: -0.000+/-0.000 χ^2 /NDF:8.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 27.5/21

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 483767.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 569886.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

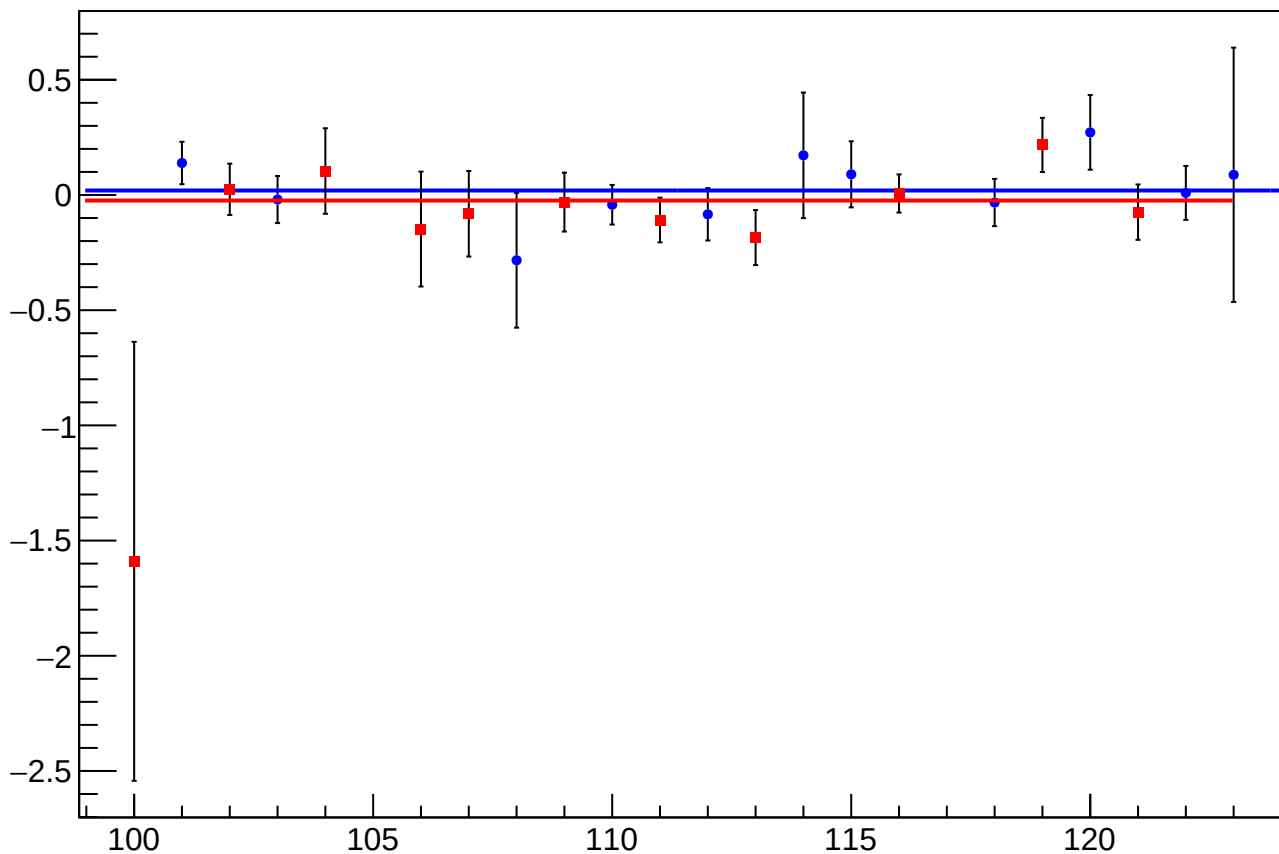
Right: 0.000+/-0.000 χ^2/NDF : 1091713.4/21

In: 0.000+/-0.000 χ^2/NDF : 483767.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1091713.4/21

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.038 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

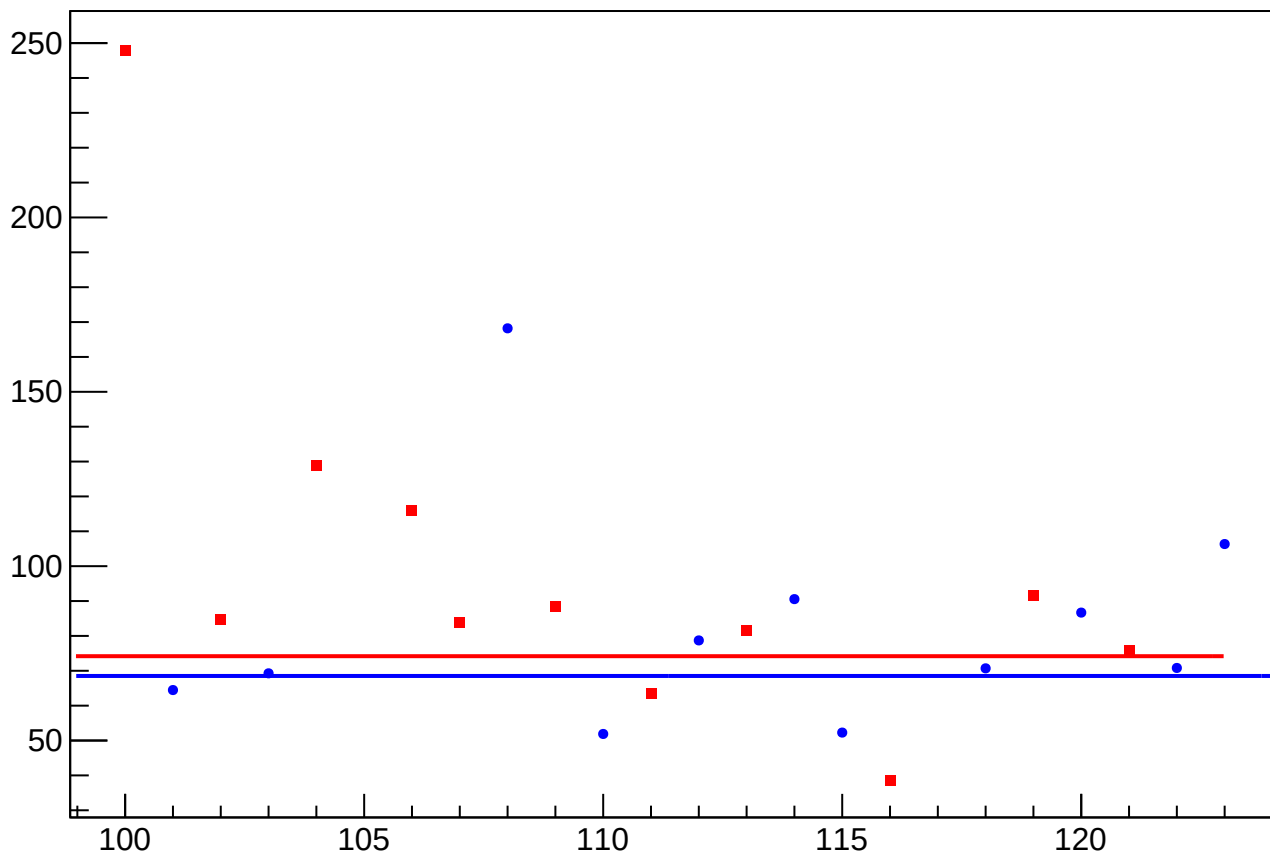
Right: -0.002+/-0.027 χ^2/NDF : 19.0/21

In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.027 χ^2/NDF : 19.0/21

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.516+/-0.027 χ^2/NDF : 402217.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.185+/-0.027 χ^2/NDF : 791674.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

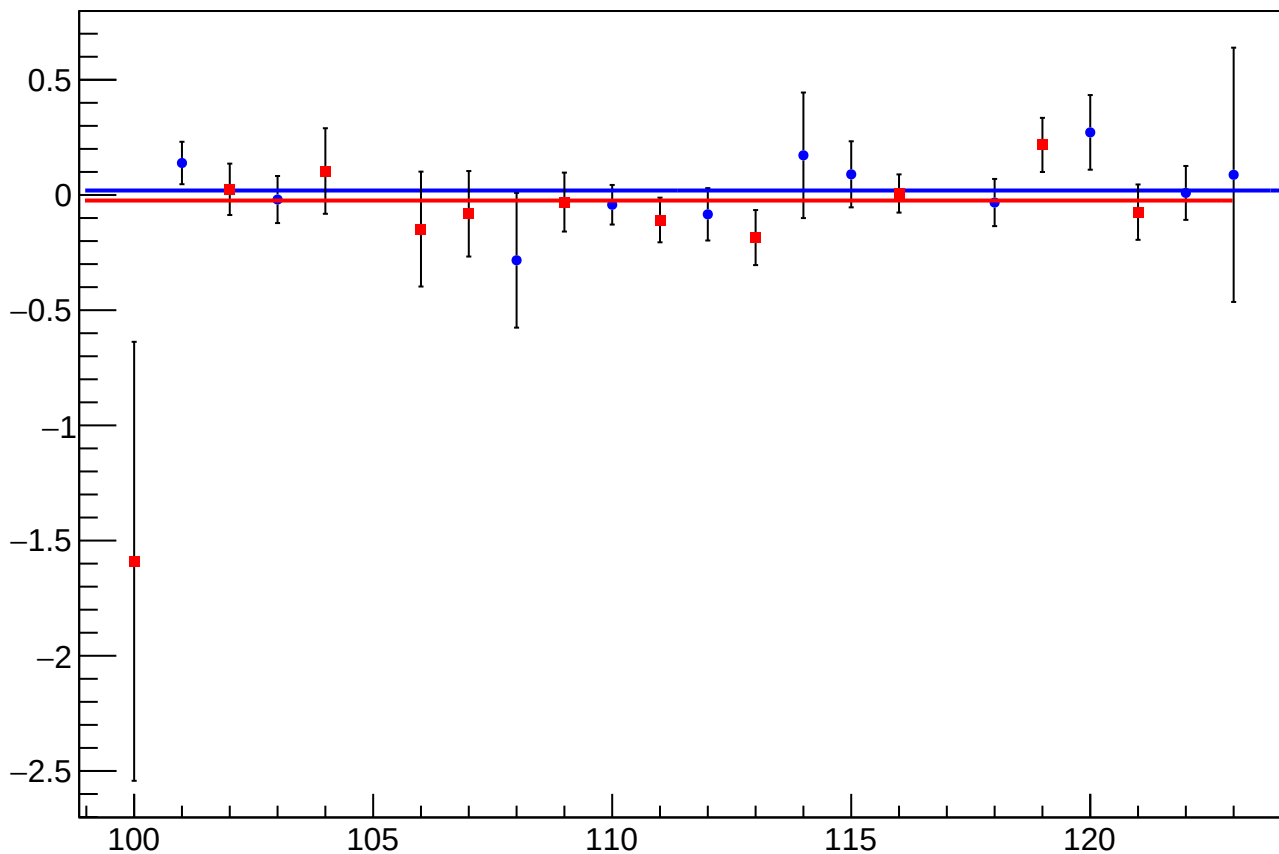
Right: 71.291+/-0.019 χ^2/NDF : 1216231.0/21

In: 68.516+/-0.027 χ^2/NDF : 402217.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.291+/-0.019 χ^2/NDF : 1216231.0/21

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.038 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

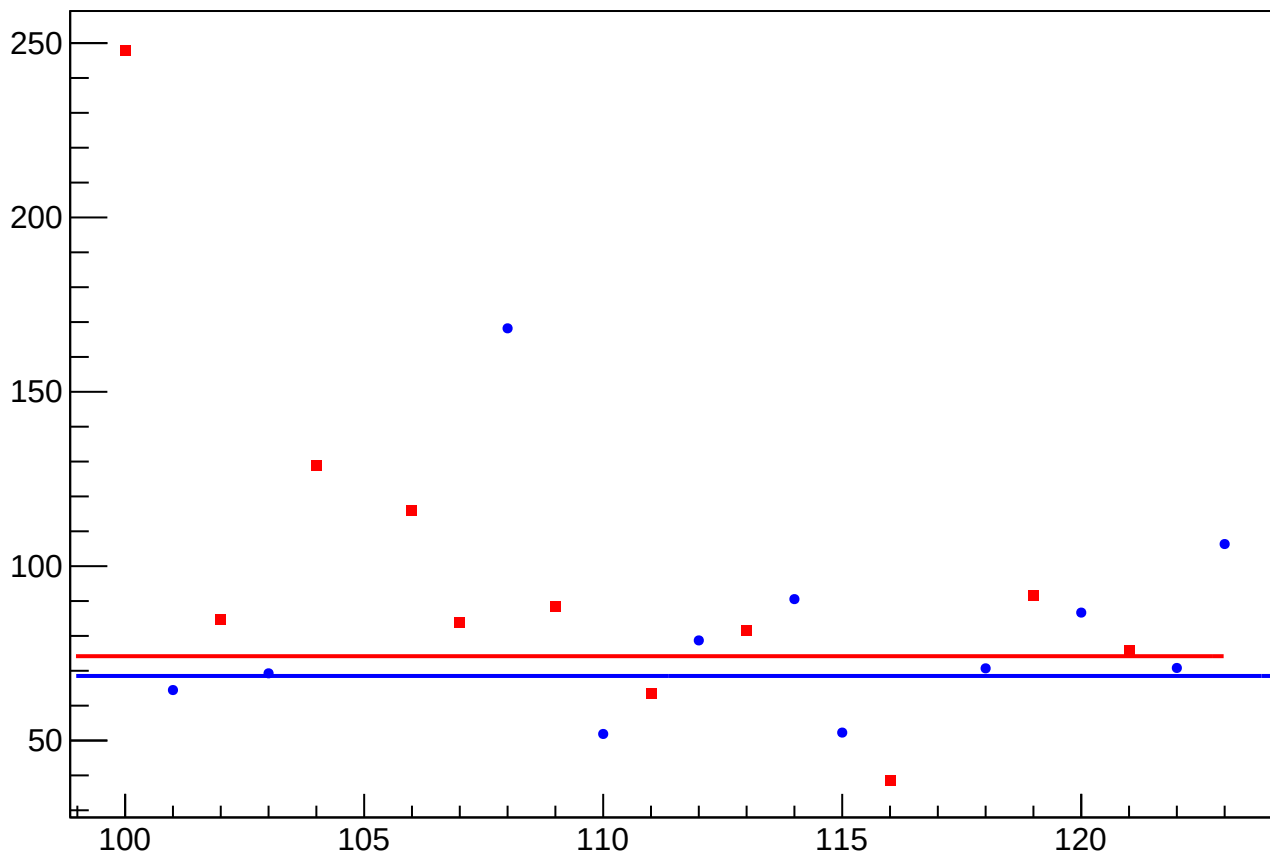
Right: -0.002+/-0.027 χ^2/NDF : 19.0/21

In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.027 χ^2/NDF : 19.0/21

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.516+/-0.027 χ^2/NDF : 402217.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.185+/-0.027 χ^2/NDF : 791674.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

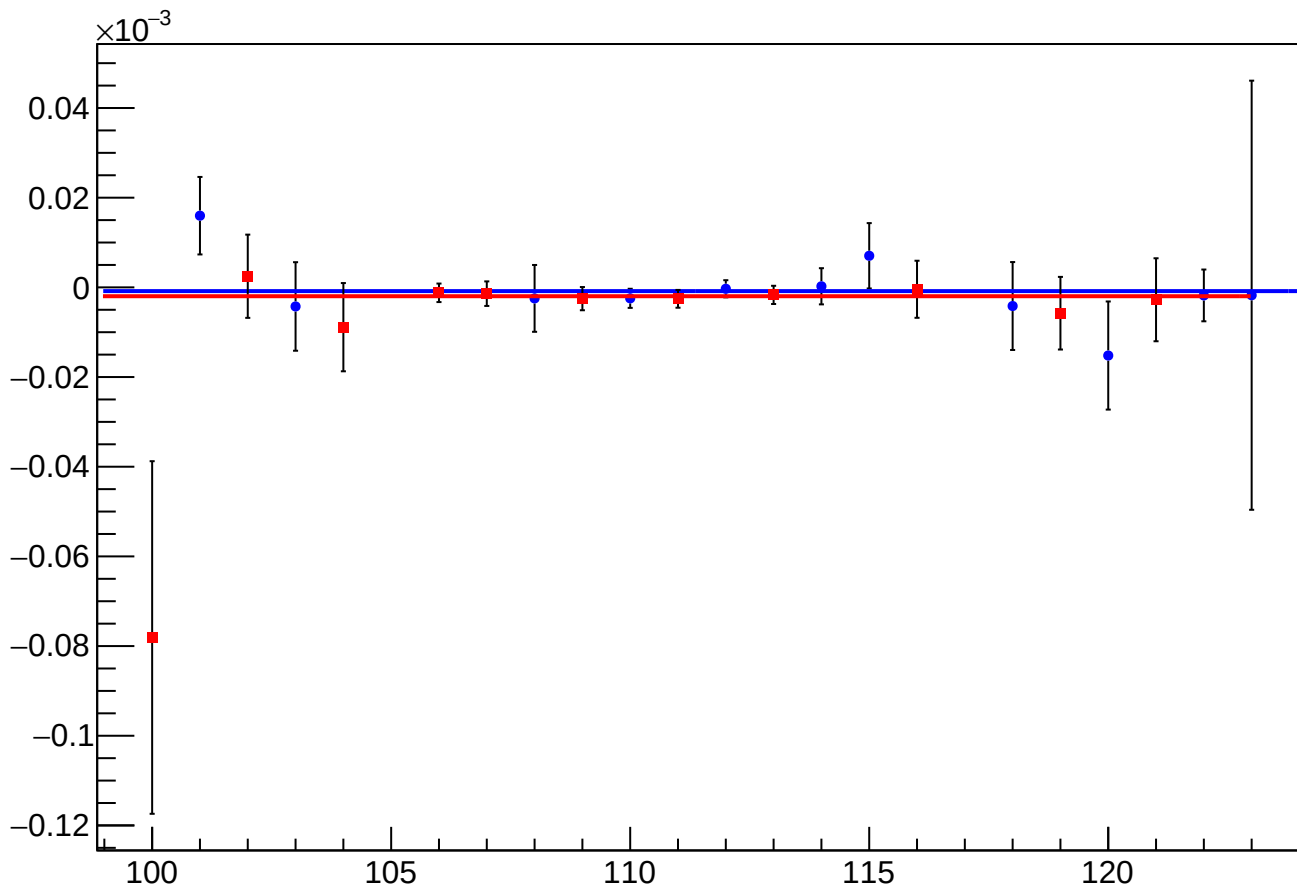
Right: 71.291+/-0.019 χ^2/NDF : 1216231.0/21

In: 68.516+/-0.027 χ^2/NDF : 402217.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.291+/-0.019 χ^2/NDF : 1216231.0/21

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/10

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

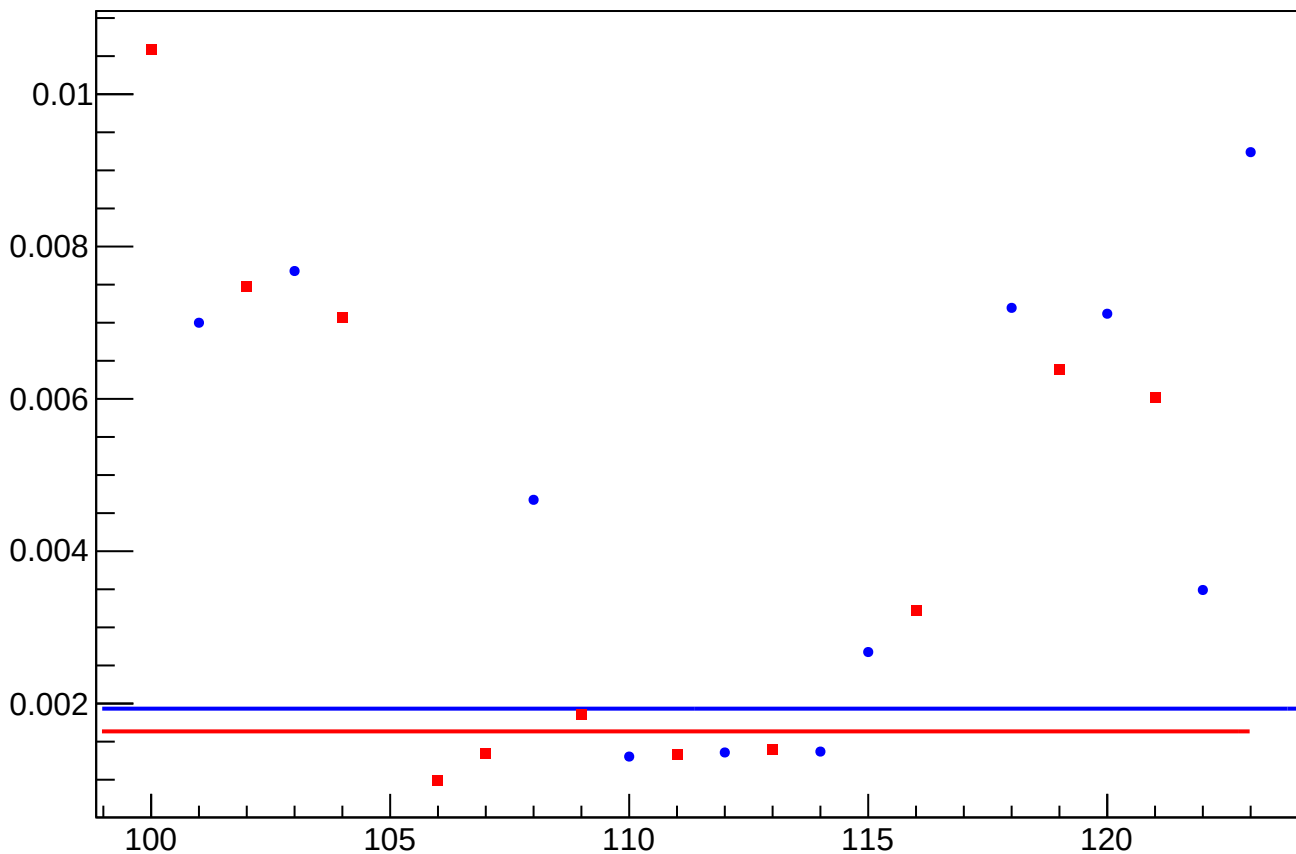
Right: -0.000+/-0.000 χ^2/NDF : 13.0/21

In: -0.000+/-0.000 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.0/21

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3189099.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3076167.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

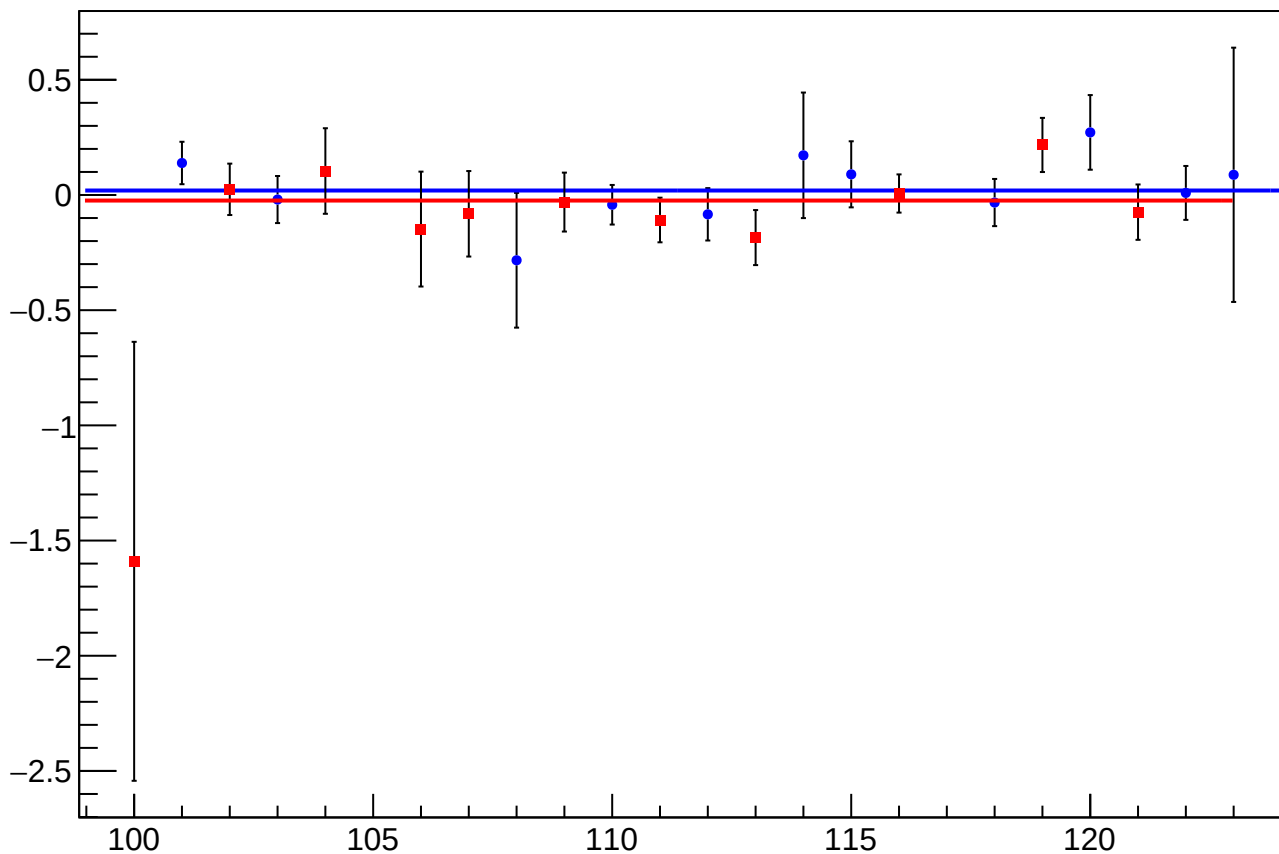
Right: 0.002+/-0.000 χ^2/NDF : 6338720.3/21

In: 0.002+/-0.000 χ^2/NDF :3189099.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6338720.3/21

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.038 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

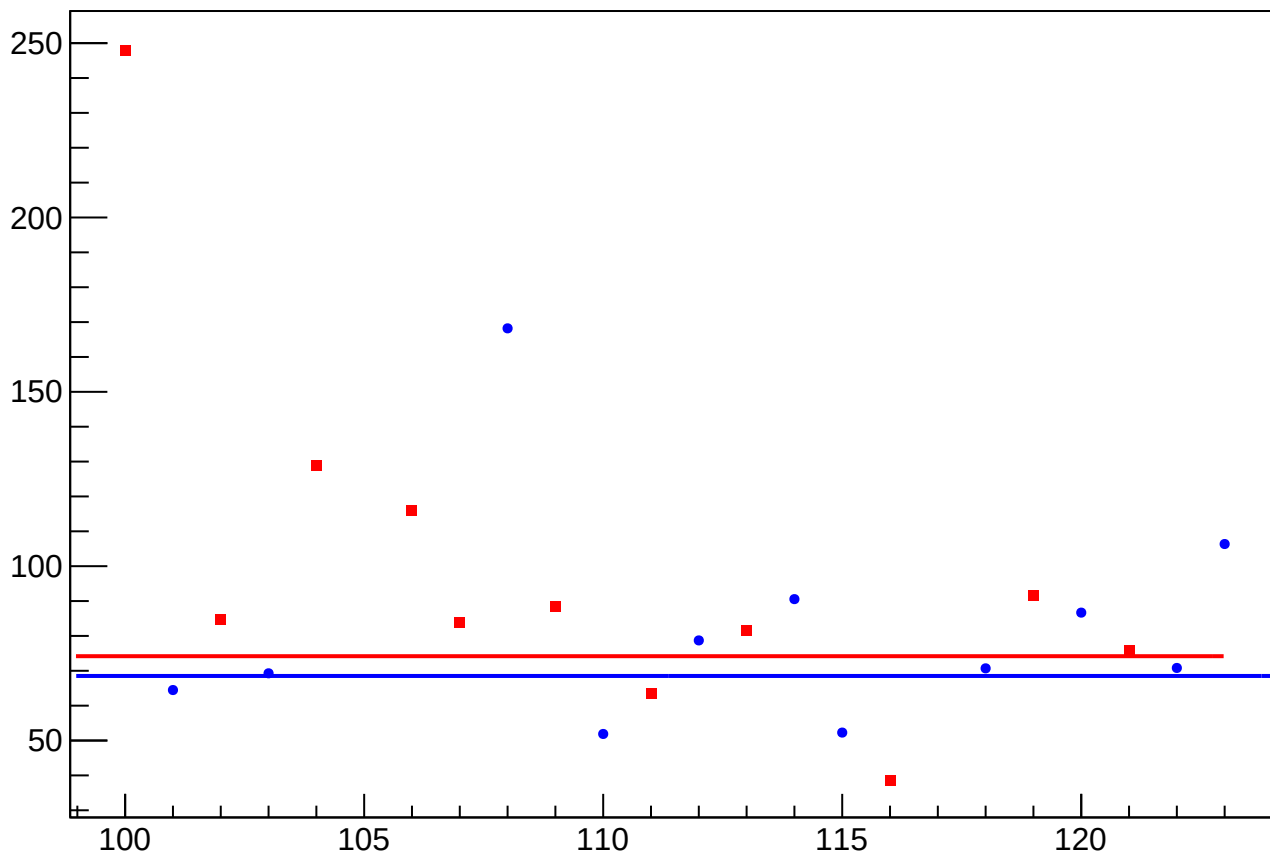
Right: -0.002+/-0.027 χ^2/NDF : 19.0/21

In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.027 χ^2/NDF : 19.0/21

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.519+/-0.027 χ^2/NDF : 402190.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.187+/-0.027 χ^2/NDF : 791692.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

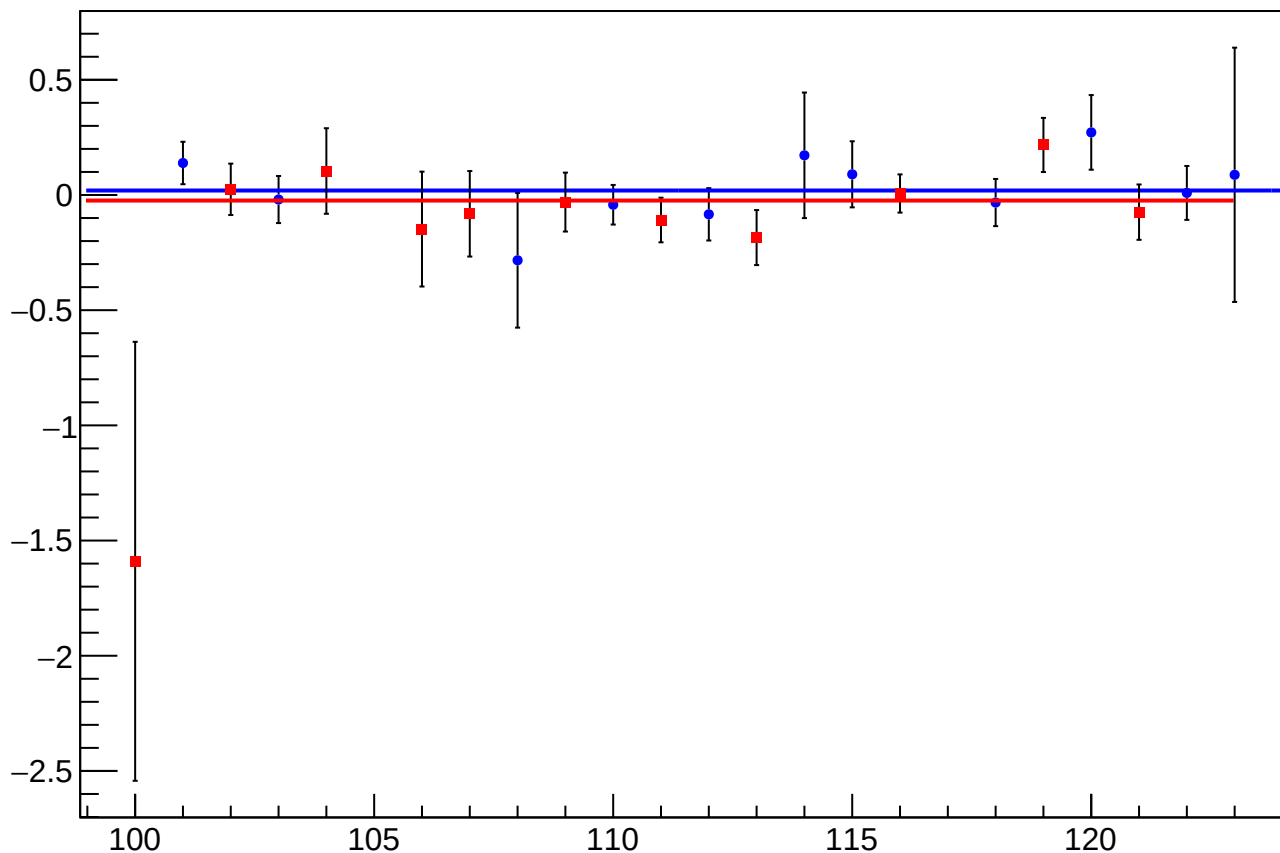
Right: 71.293+/-0.019 χ^2/NDF : 1216214.8/21

In: 68.519+/-0.027 χ^2/NDF : 402190.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.293+/-0.019 χ^2/NDF : 1216214.8/21

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.038 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

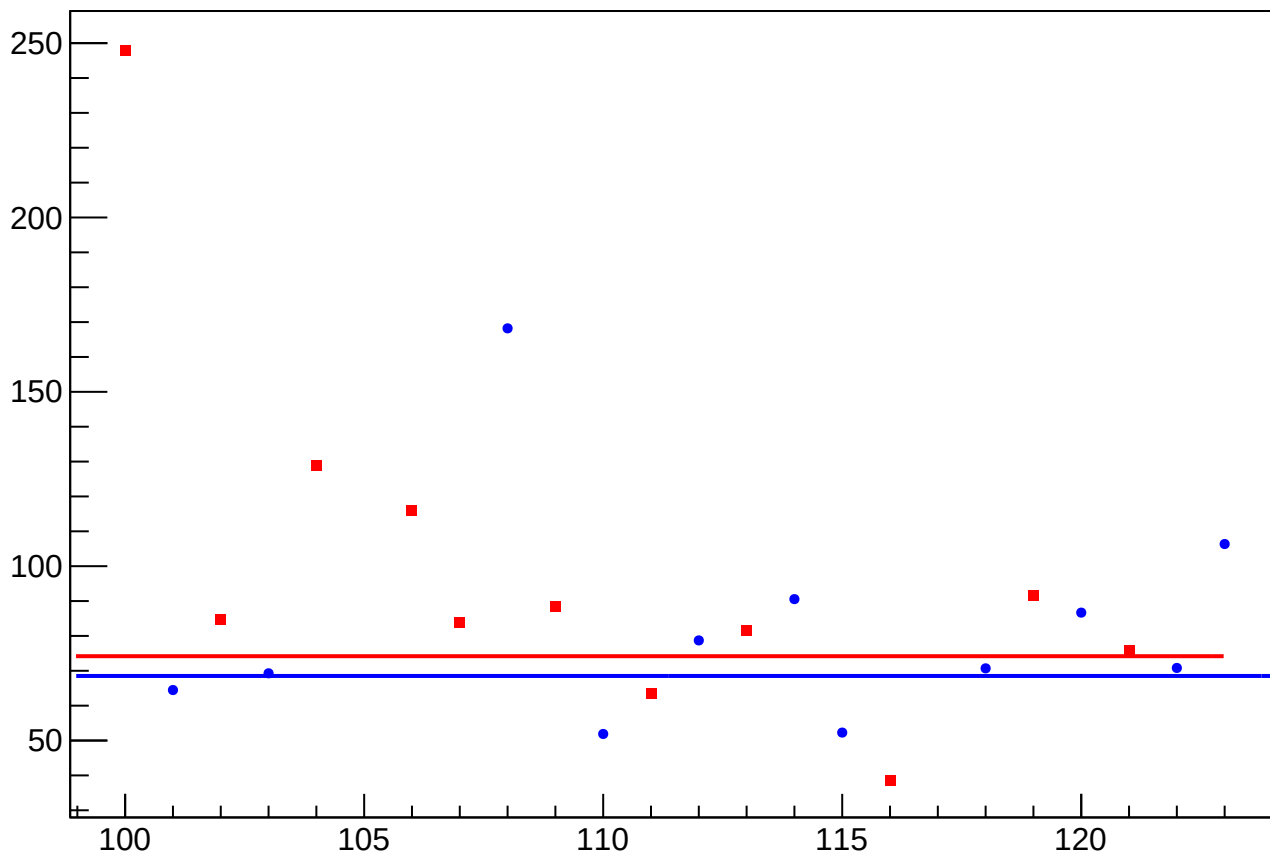
Right: -0.002+/-0.027 χ^2/NDF : 19.0/21

In: 0.019+/-0.038 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.027 χ^2/NDF : 19.0/21

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.519+/-0.027 χ^2/NDF : 402190.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 74.187+/-0.027 χ^2/NDF : 791692.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

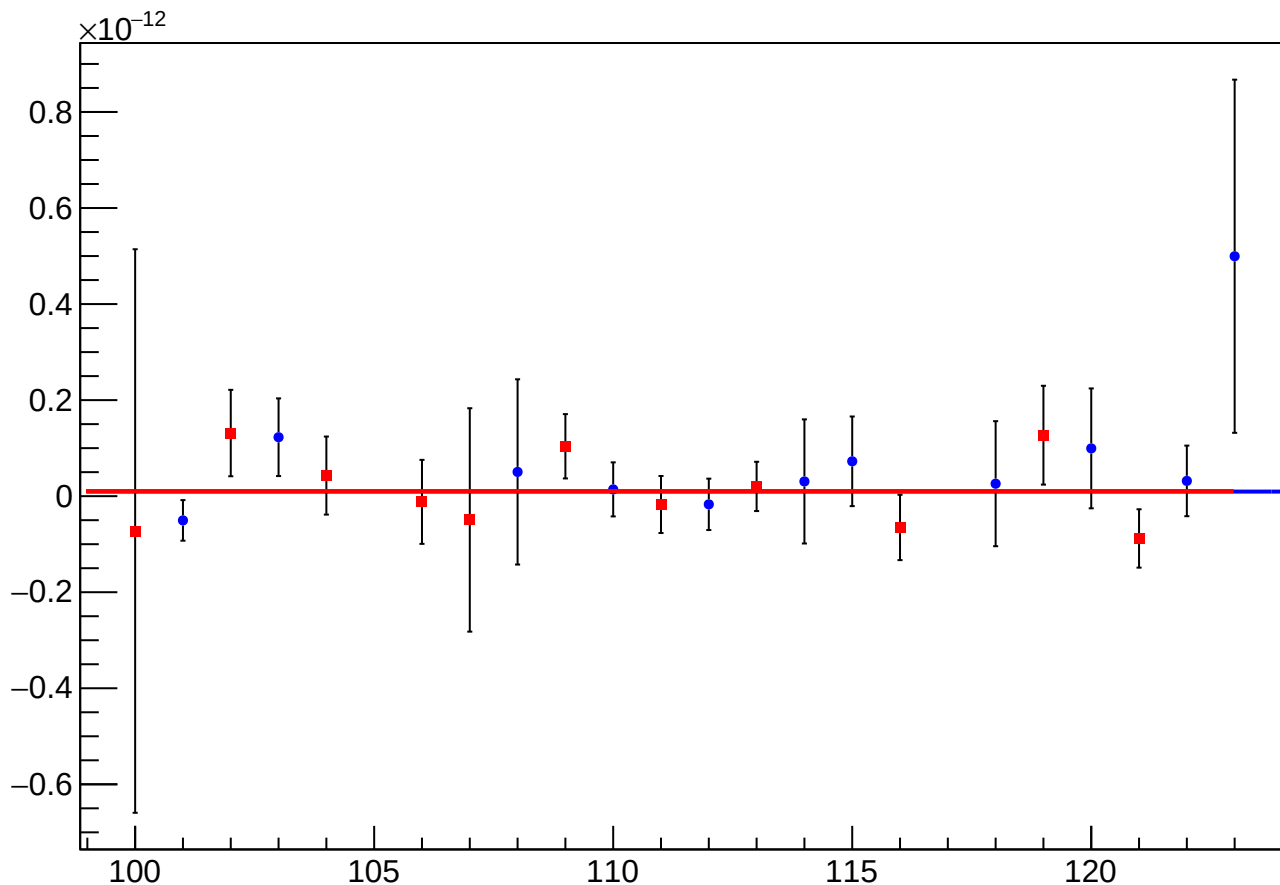
Right: 71.293+/-0.019 χ^2/NDF : 1216214.8/21

In: 68.519+/-0.027 χ^2/NDF :402190.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.293+/-0.019 χ^2/NDF : 1216214.8/21

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/10

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

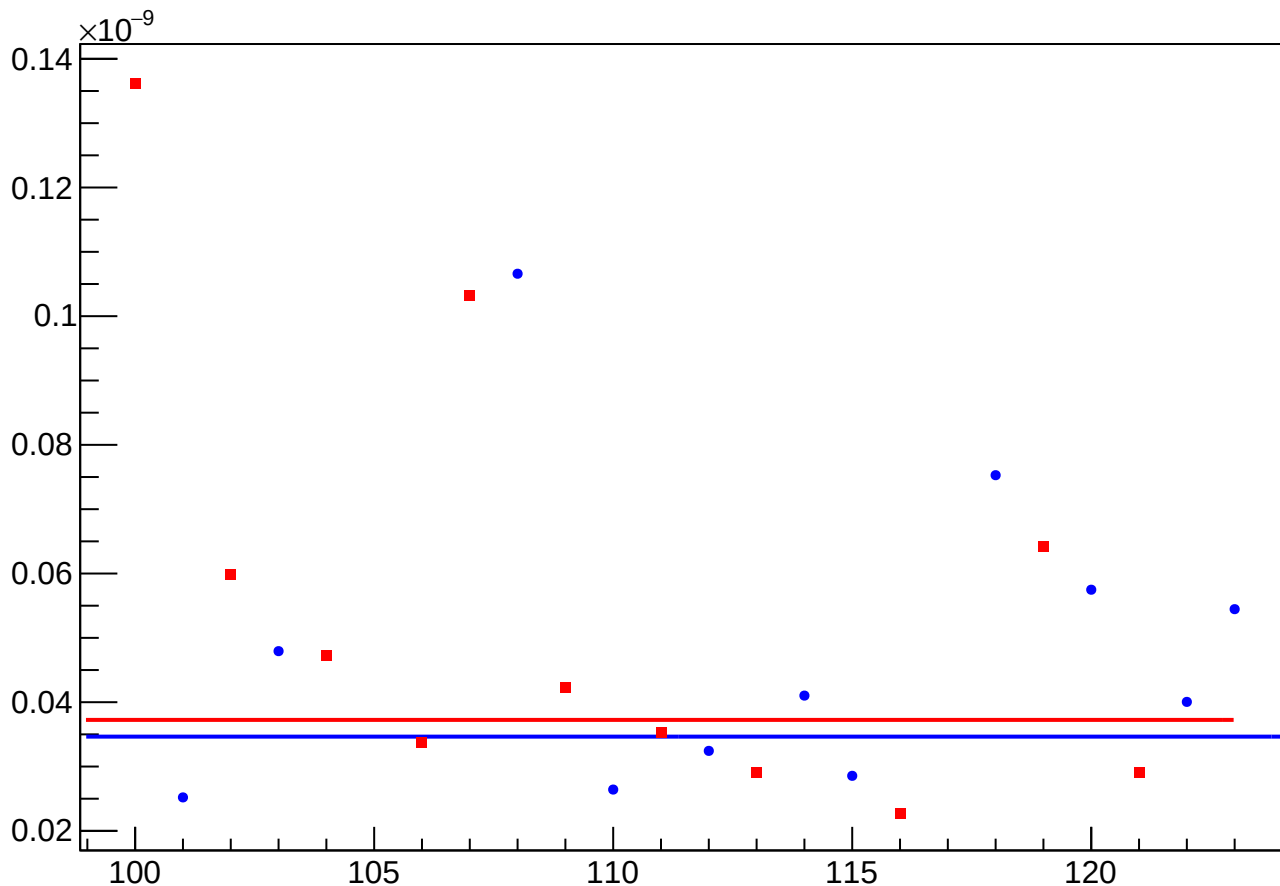
Right: 0.000+/-0.000 χ^2/NDF : 16.6/21

In: 0.000+/-0.000 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.6/21

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 770103.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 705279.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

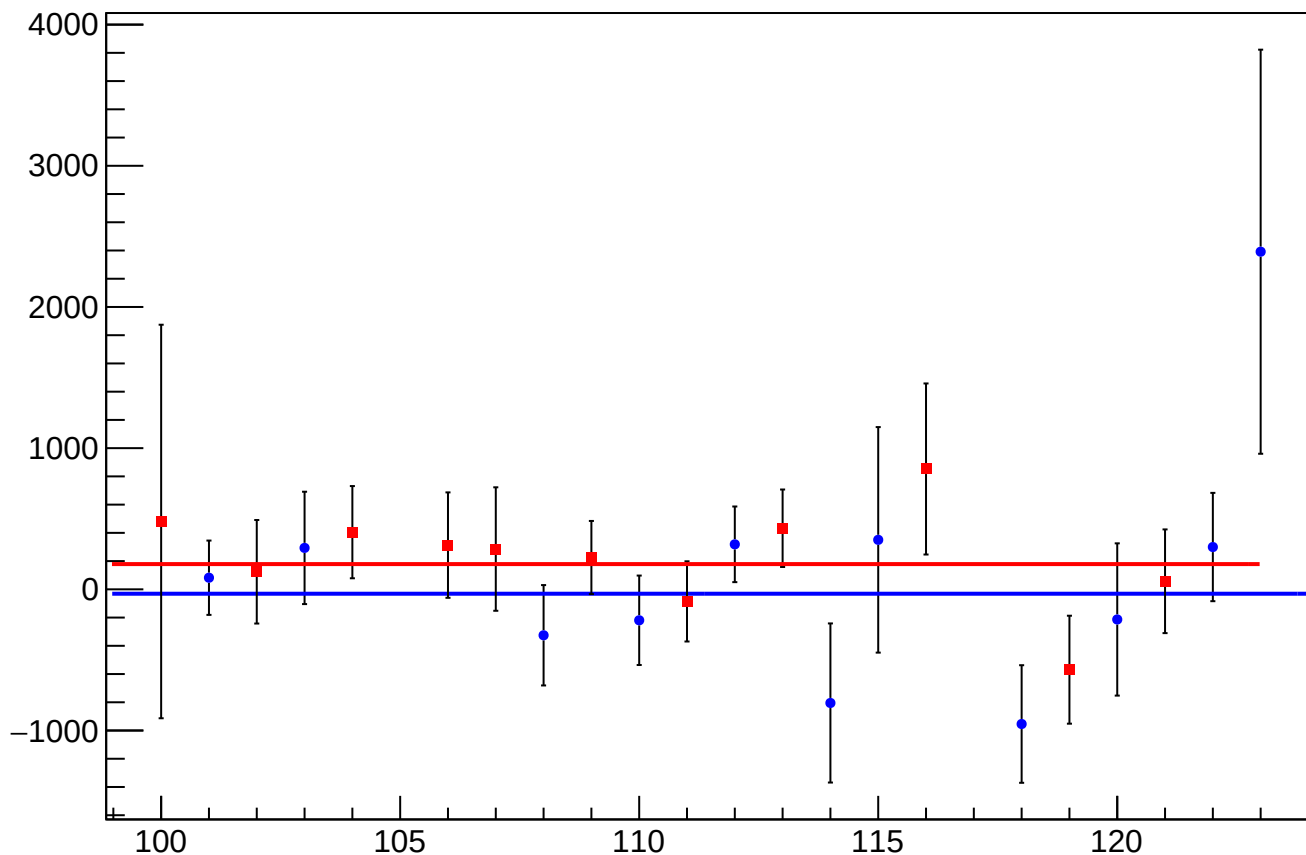
Right: 0.000+/-0.000 χ^2/NDF : 1488192.8/21

In: 0.000+/-0.000 χ^2/NDF : 770103.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1488192.8/21

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -31.100 ± 116.423 χ^2/NDF : 14.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 178.797 ± 107.027 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

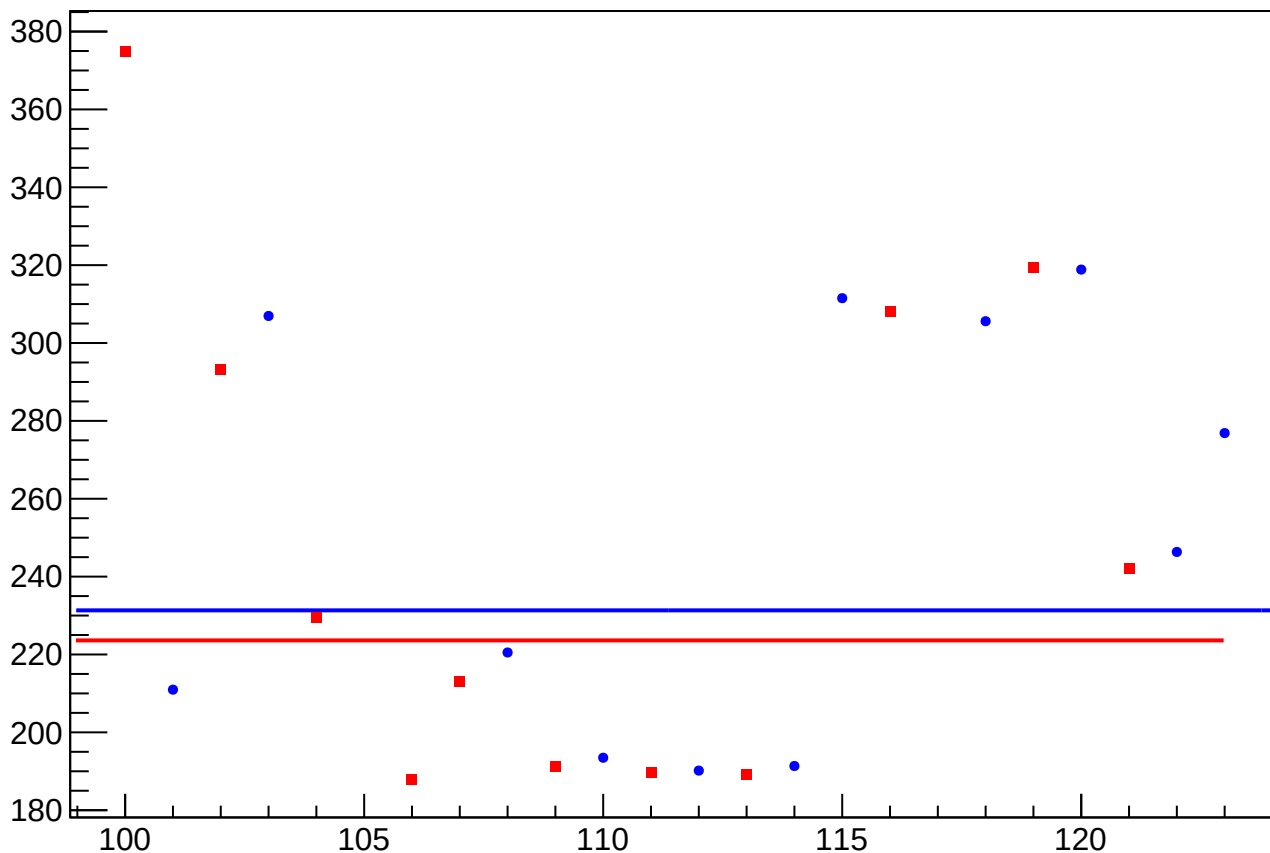
Right: 82.658 ± 78.792 χ^2/NDF : 23.8/21

In: -31.100 ± 116.423 χ^2/NDF : 14.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 82.658 ± 78.792 χ^2/NDF : 23.8/21

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 231.334+/-0.082 χ^2/NDF : 313416.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.618+/-0.076 χ^2/NDF : 376341.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

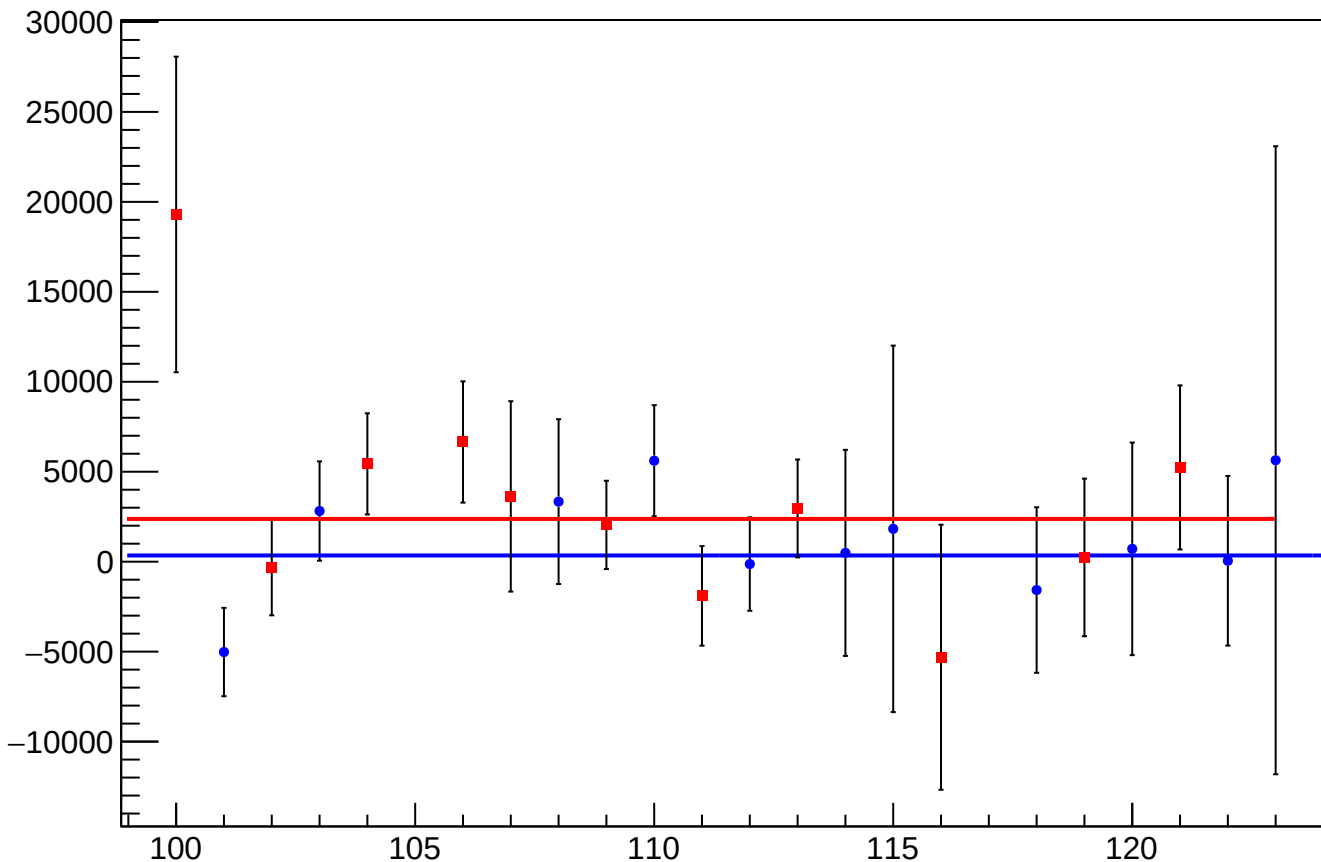
Right: 227.152+/-0.056 χ^2/NDF : 694518.8/21

In: 231.334+/-0.082 χ^2/NDF : 313416.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.152+/-0.056 χ^2/NDF : 694518.8/21

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 345.450+/-1145.369 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2377.274+/-1023.666 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

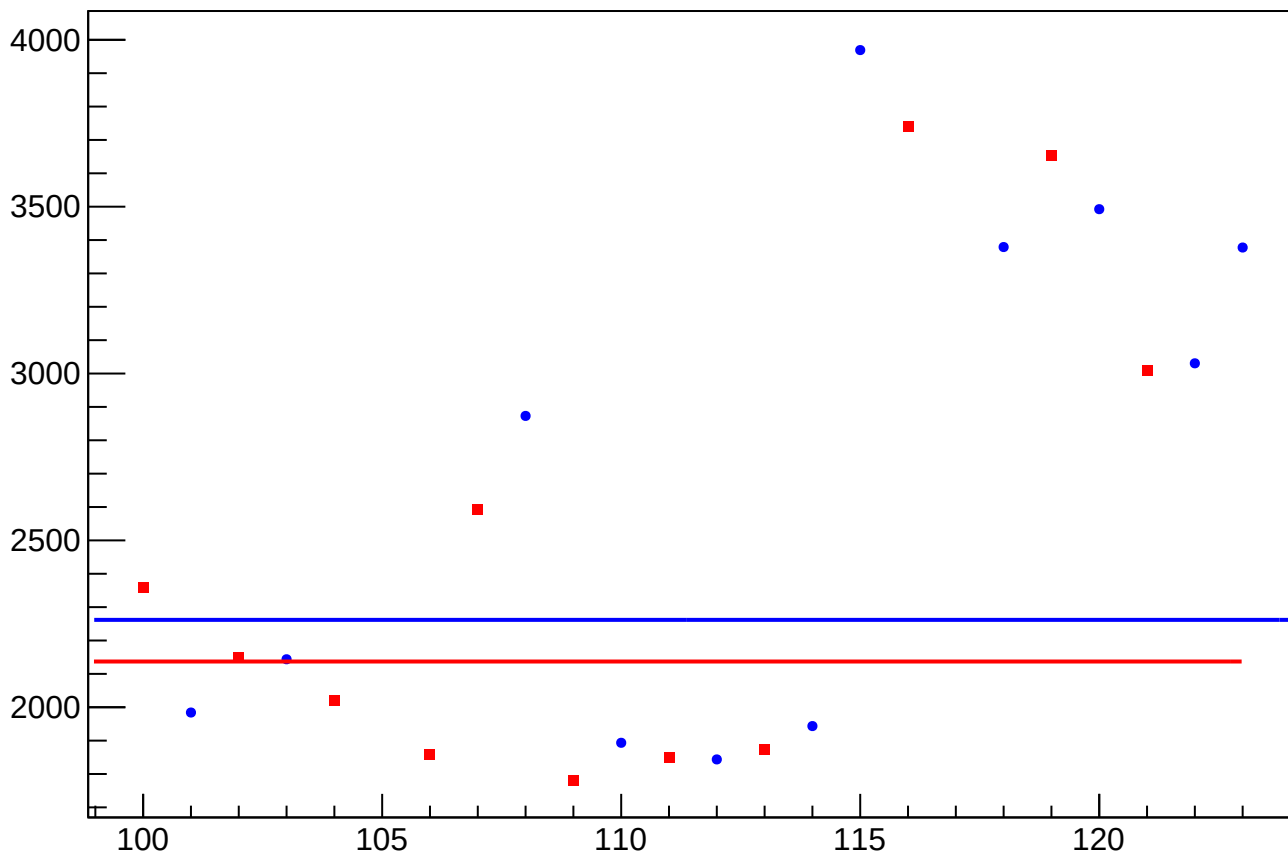
Right: 1475.008+/-763.255 χ^2/NDF : 22.8/21

In: 345.450+/-1145.369 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1475.008+/-763.255 χ^2/NDF : 22.8/21

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2261.850+/-0.810 χ^2/NDF : 473614.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2137.067+/-0.724 χ^2/NDF : 523324.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

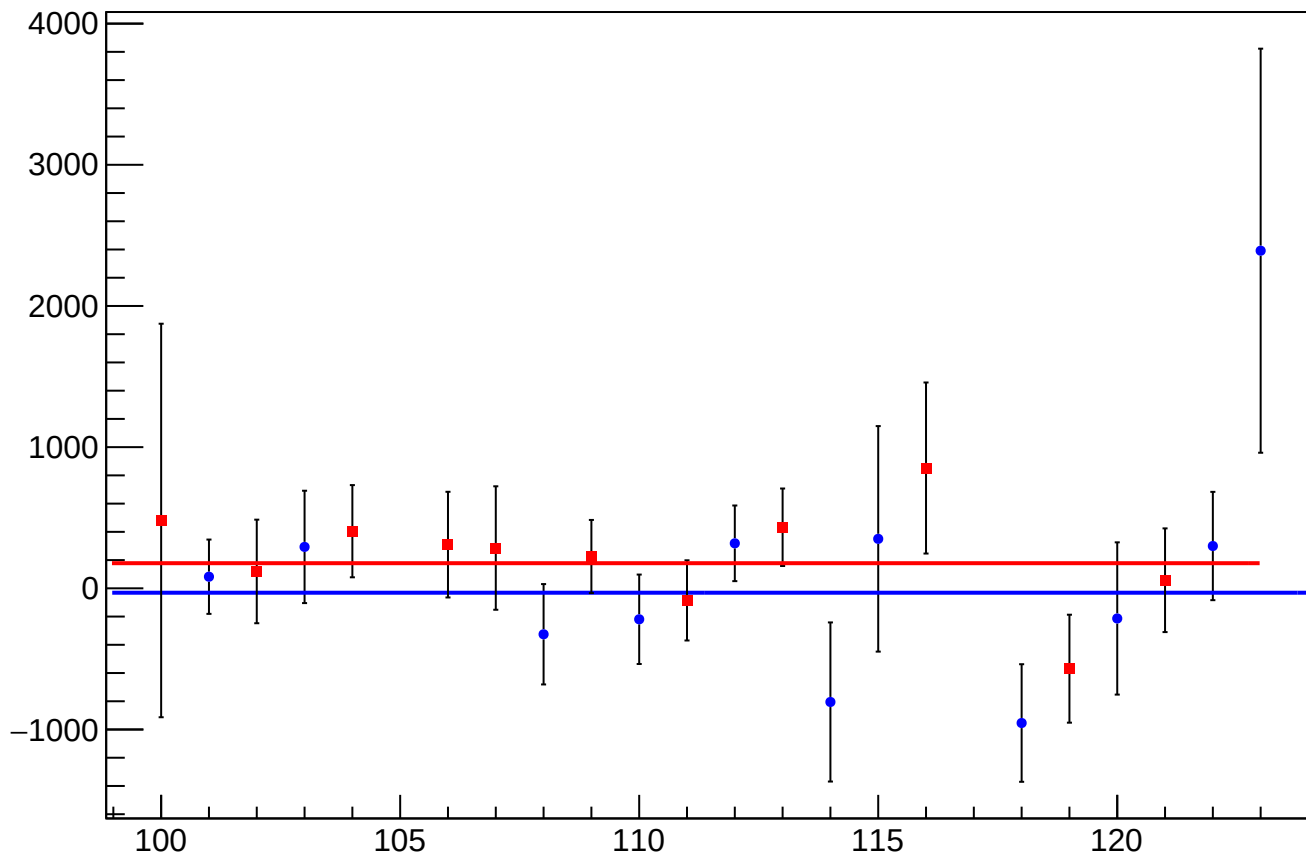
Right: 2192.479+/-0.540 χ^2/NDF : 1010135.2/21

In: 2261.850+/-0.810 χ^2/NDF : 473614.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.479+/-0.540 χ^2/NDF : 1010135.2/21

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -31.140+/-116.423 χ^2/NDF : 14.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.006+/-107.053 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

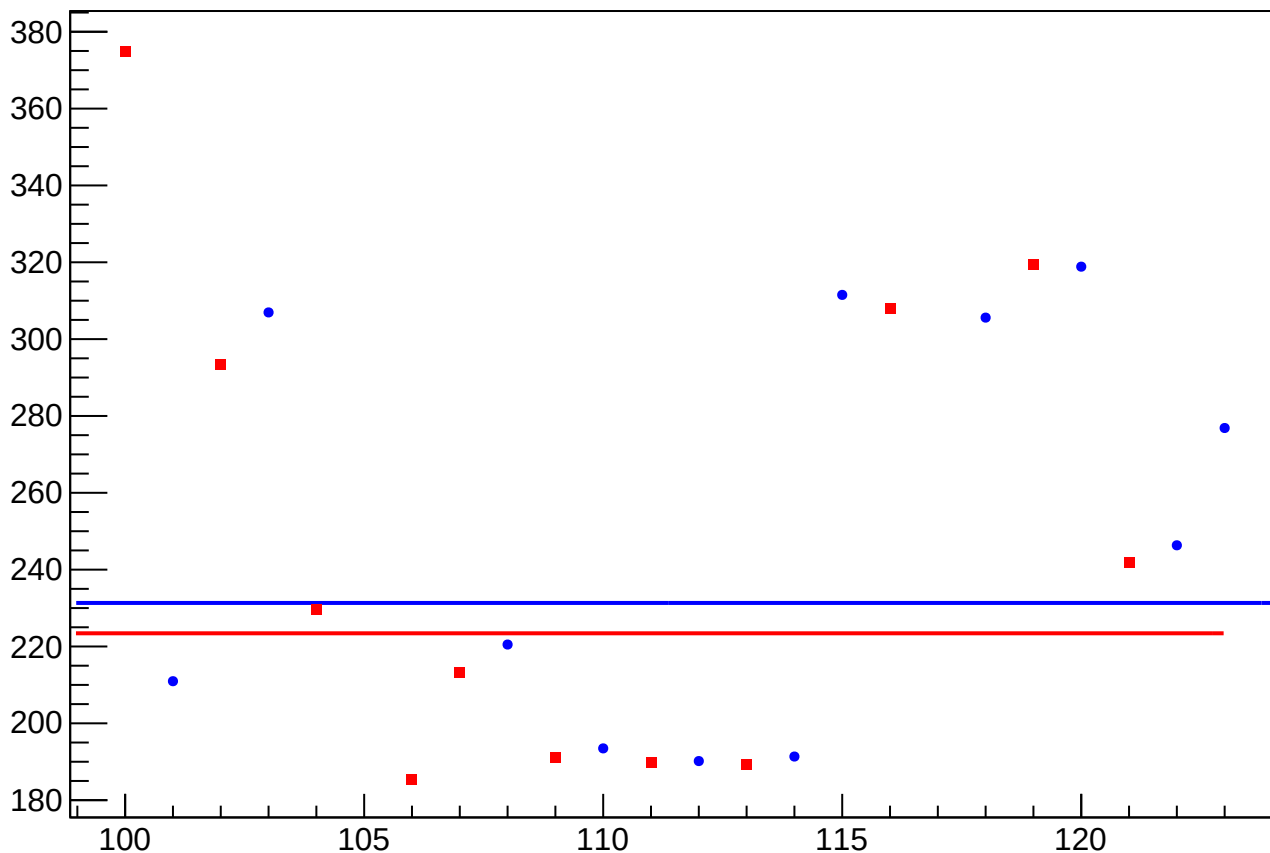
Right: 82.187+/-78.803 χ^2/NDF : 23.8/21

In: -31.140+/-116.423 χ^2/NDF : 14.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.187+/-78.803 χ^2/NDF : 23.8/21

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 231.334+/-0.082 χ^2/NDF : 313419.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.433+/-0.076 χ^2/NDF : 379109.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

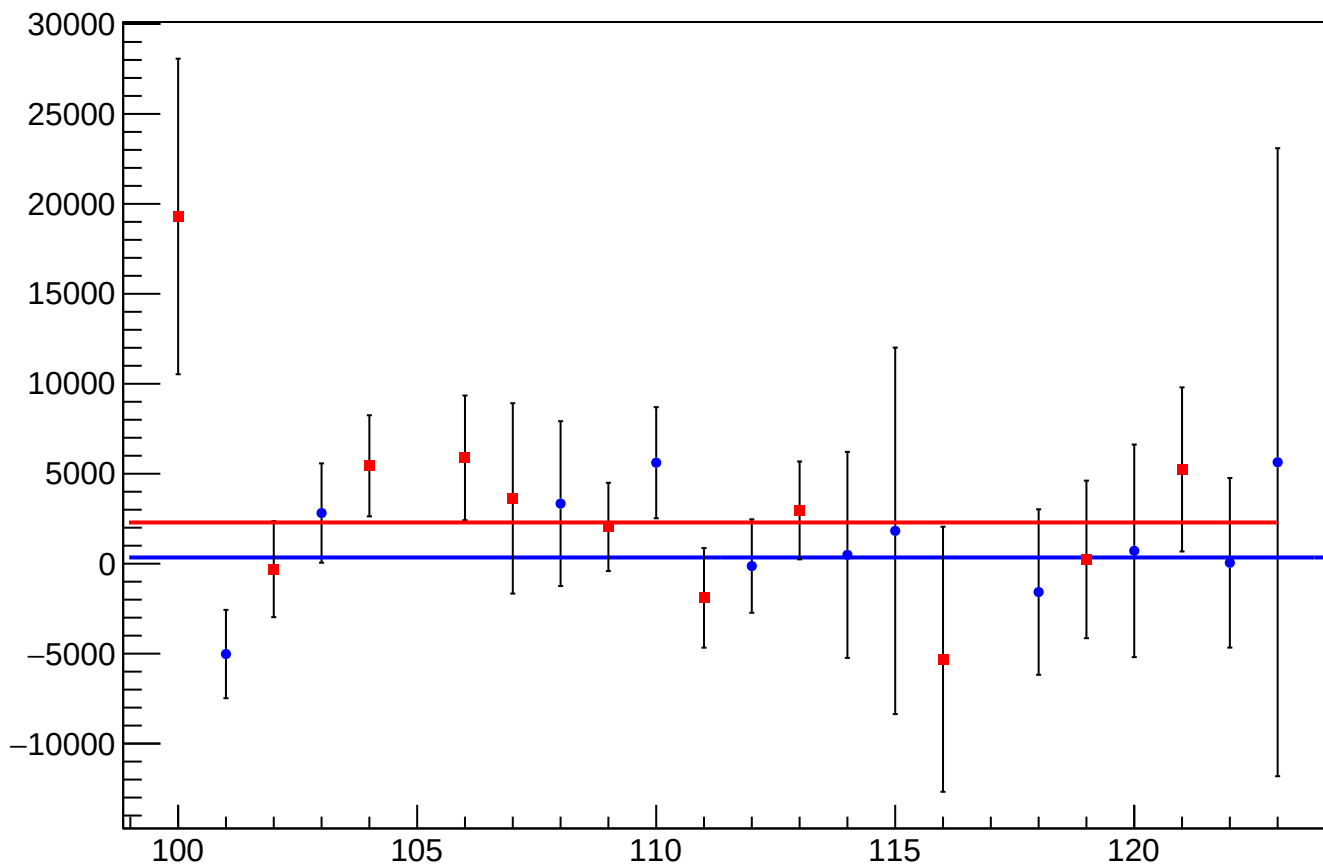
Right: 227.053+/-0.056 χ^2/NDF : 697519.9/21

In: 231.334+/-0.082 χ^2/NDF : 313419.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.053+/-0.056 χ^2/NDF : 697519.9/21

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 345.205+/-1145.384 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2290.470+/-1026.224 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

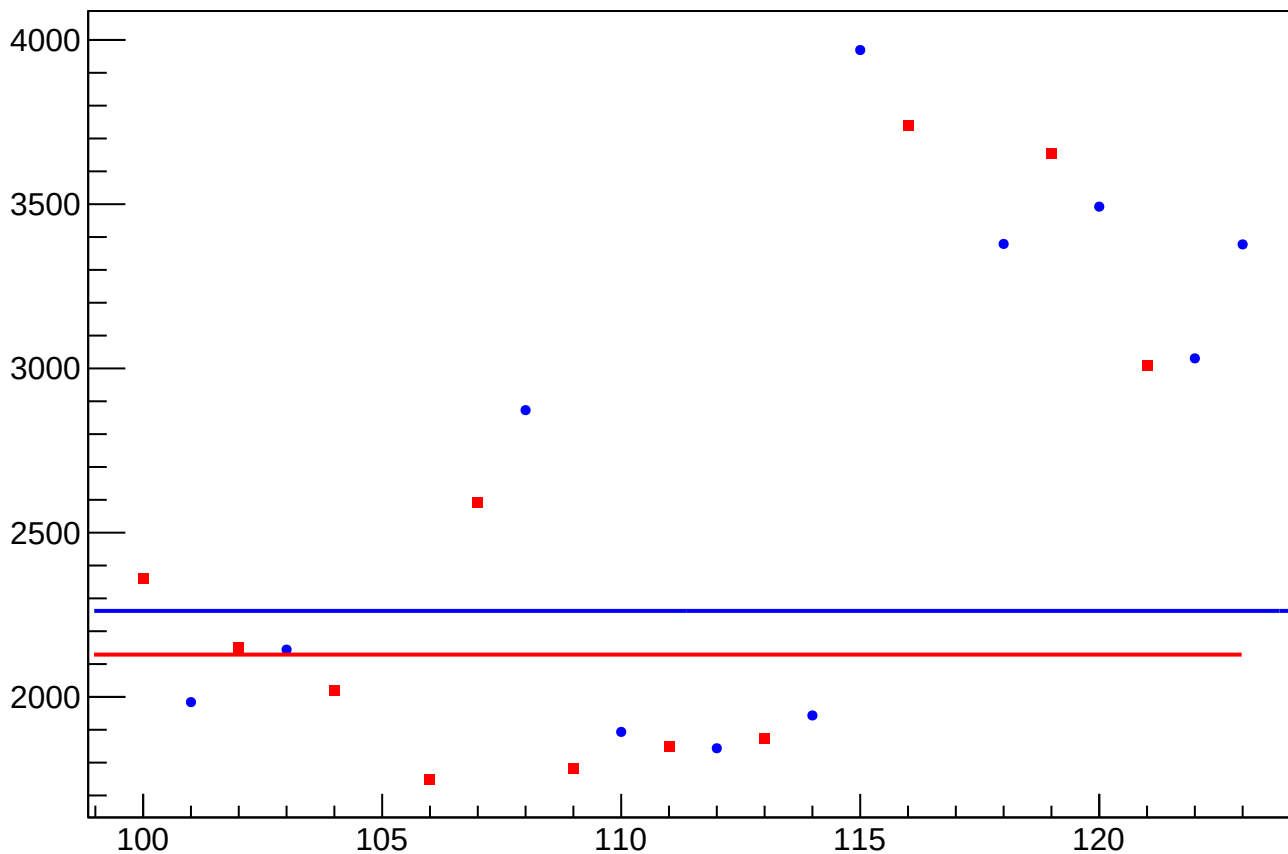
Right: 1424.257+/-764.318 χ^2/NDF : 22.0/21

In: 345.205+/-1145.384 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1424.257+/-764.318 χ^2/NDF : 22.0/21

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2261.881+/-0.810 χ^2/NDF : 473602.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2128.838+/-0.726 χ^2/NDF : 534841.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

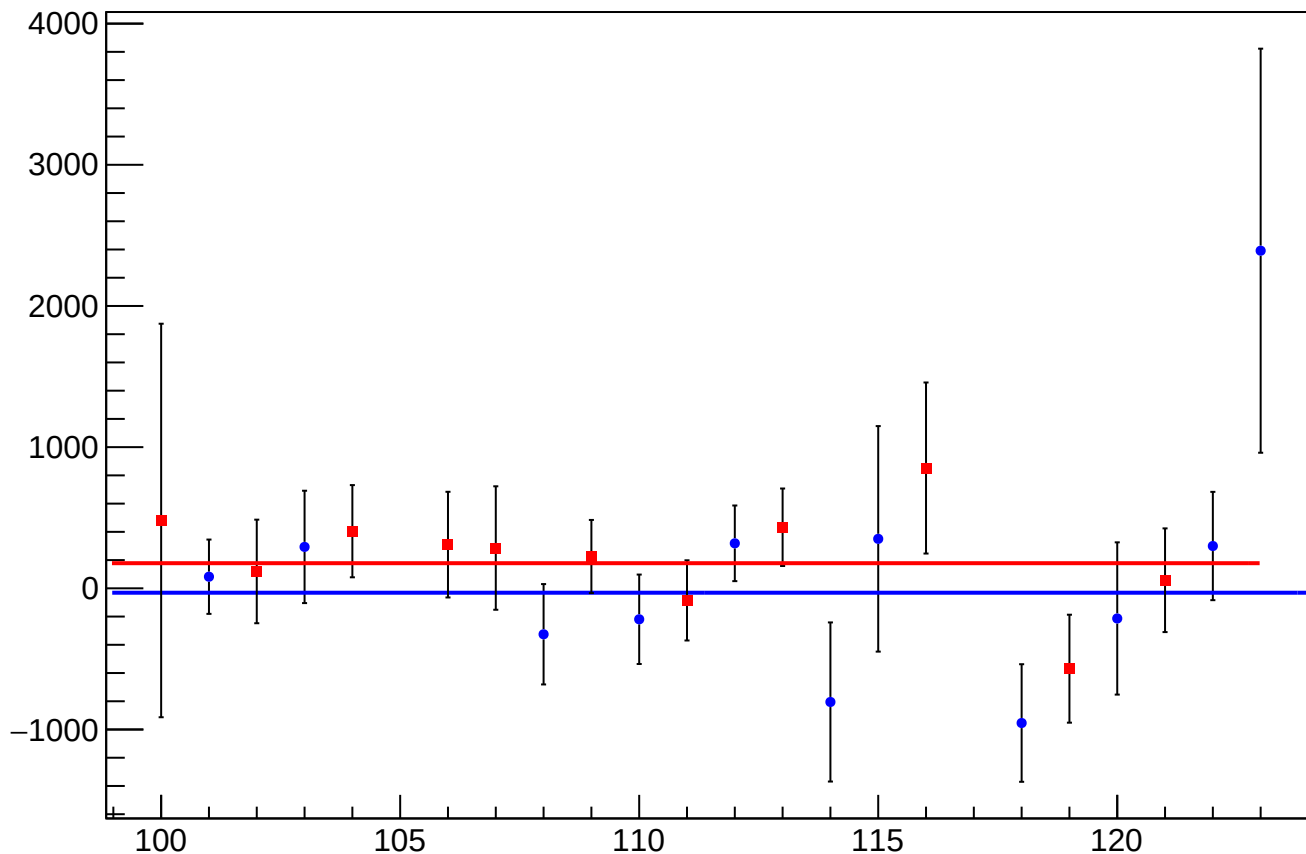
Right: 2188.081+/-0.540 χ^2/NDF : 1023412.0/21

In: 2261.881+/-0.810 χ^2/NDF : 473602.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.081+/-0.540 χ^2/NDF : 1023412.0/21

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -31.140 ± 116.423 χ^2/NDF : 14.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 178.006 ± 107.053 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

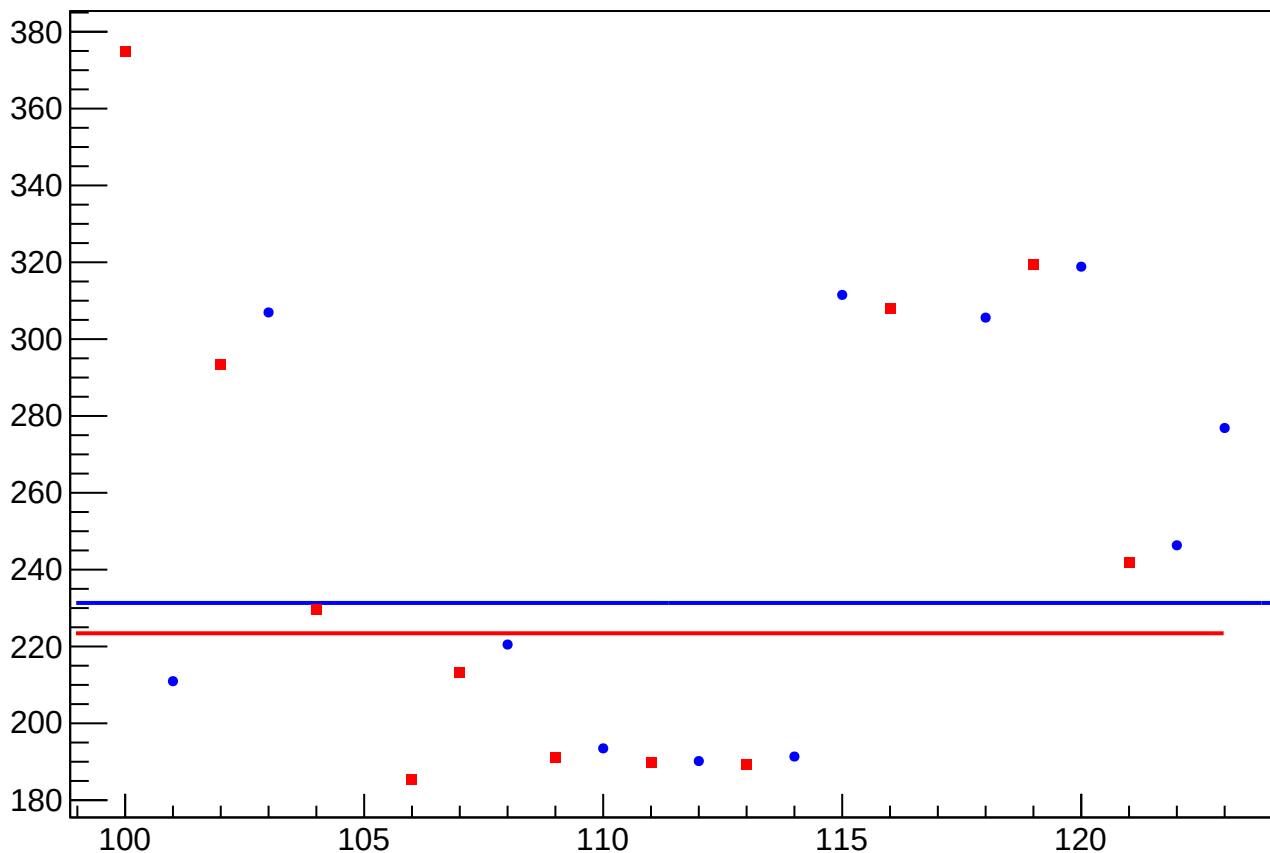
Right: 82.187 ± 78.803 χ^2/NDF : 23.8/21

In: -31.140 ± 116.423 χ^2/NDF : 14.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 82.187 ± 78.803 χ^2/NDF : 23.8/21

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 231.334+/-0.082 χ^2/NDF : 313419.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.433+/-0.076 χ^2/NDF : 379109.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

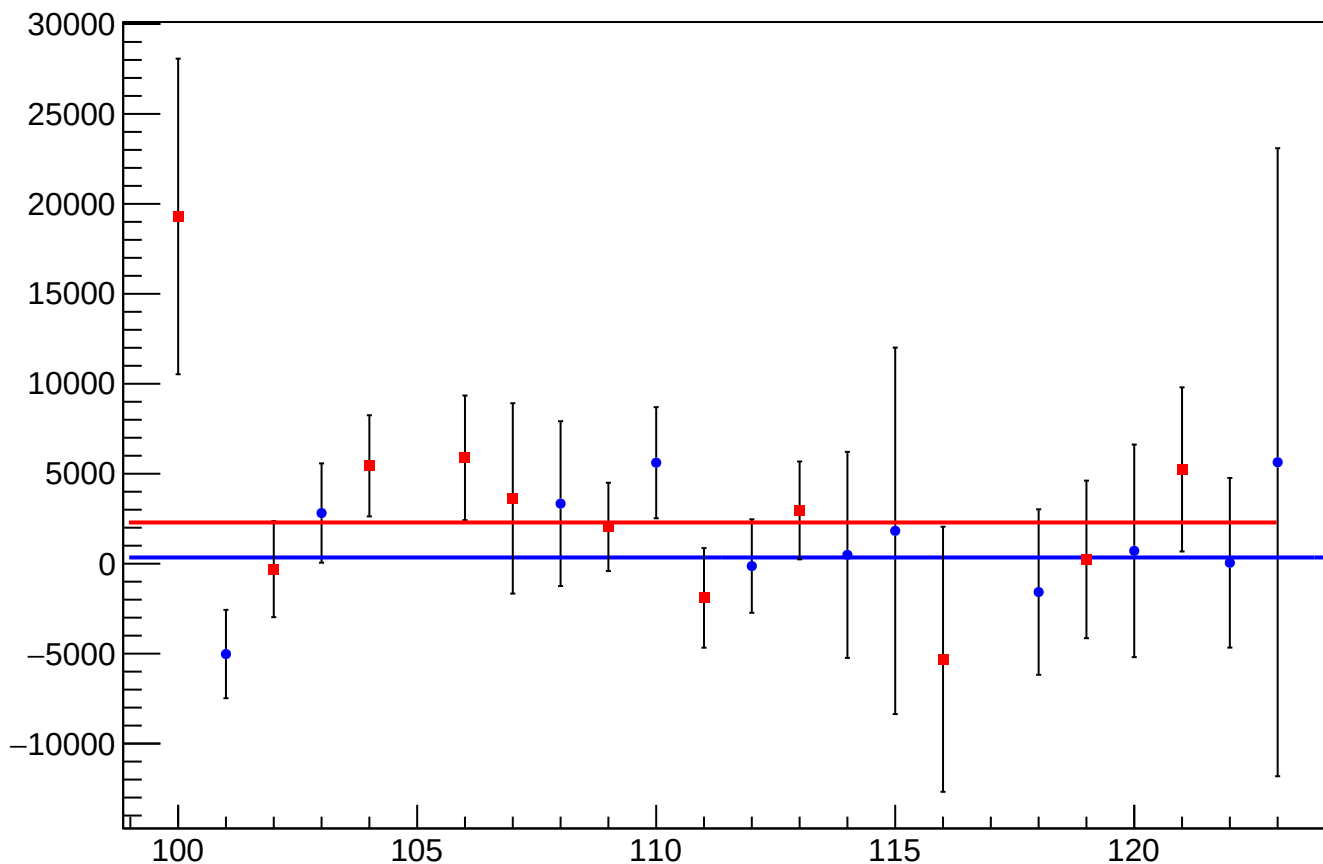
Right: 227.053+/-0.056 χ^2/NDF : 697519.9/21

In: 231.334+/-0.082 χ^2/NDF : 313419.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.053+/-0.056 χ^2/NDF : 697519.9/21

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 345.205+/-1145.384 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2290.470+/-1026.224 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

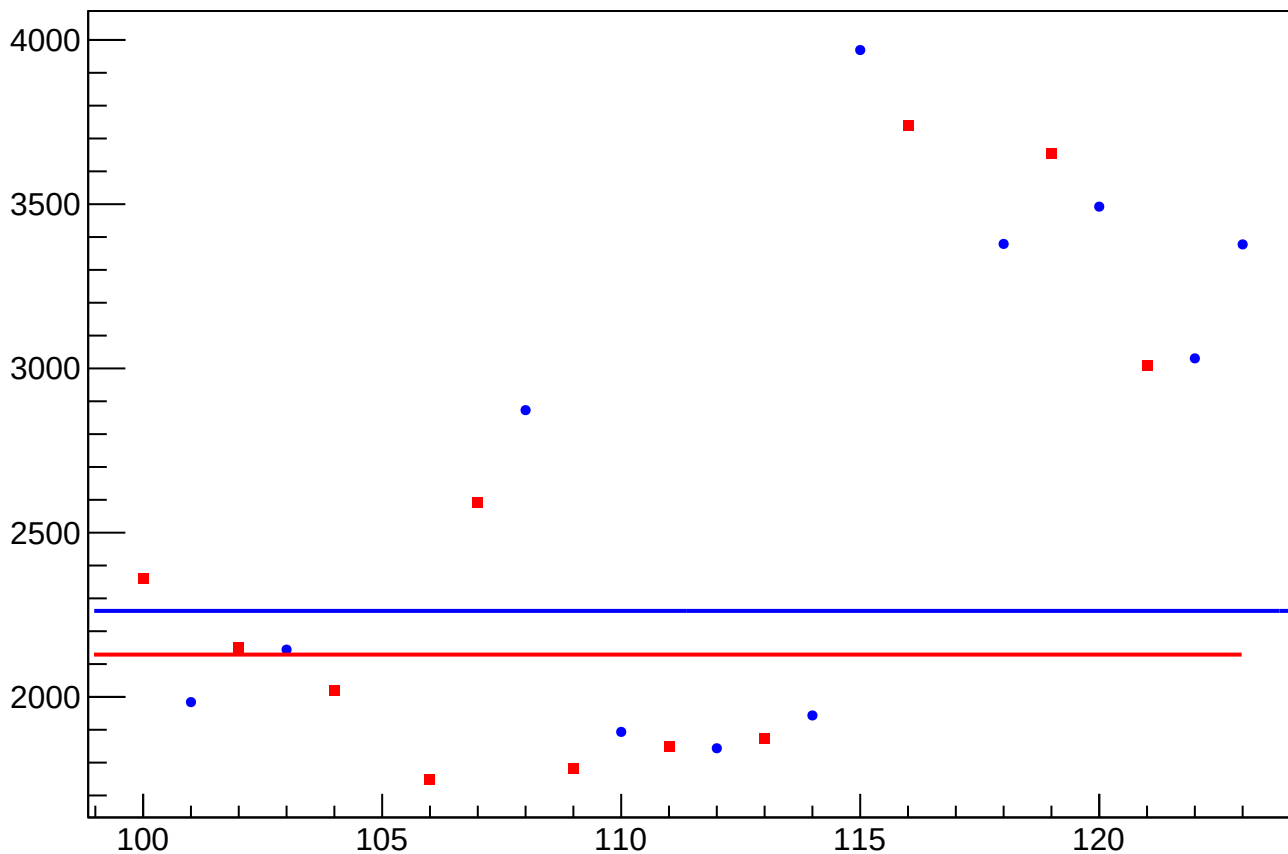
Right: 1424.257+/-764.318 χ^2/NDF : 22.0/21

In: 345.205+/-1145.384 χ^2/NDF :9.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1424.257+/-764.318 χ^2/NDF : 22.0/21

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2261.881+/-0.810 χ^2/NDF : 473602.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2128.838+/-0.726 χ^2/NDF : 534841.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

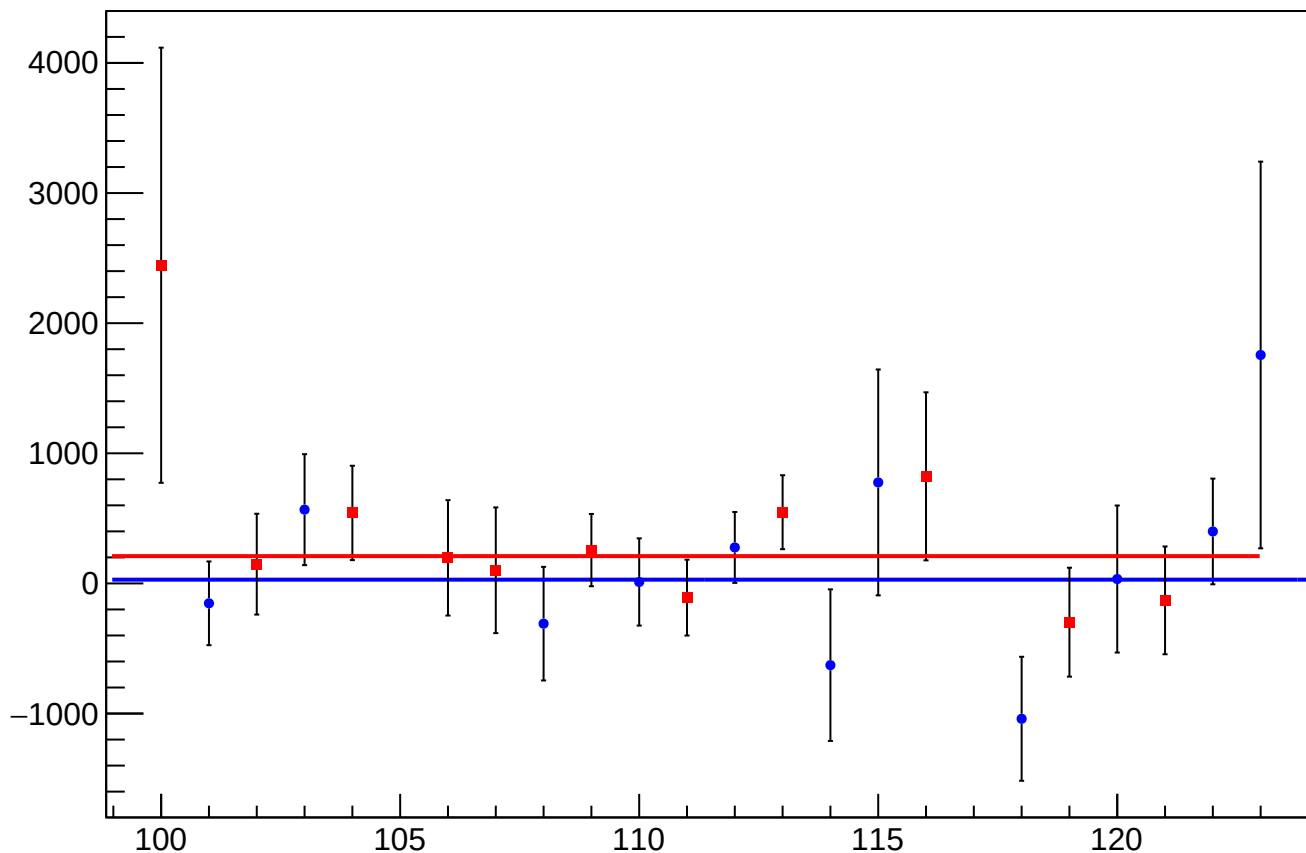
Right: 2188.081+/-0.540 χ^2/NDF : 1023412.0/21

In: 2261.881+/-0.810 χ^2/NDF : 473602.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.081+/-0.540 χ^2/NDF : 1023412.0/21

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 28.895+/-127.920 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.785+/-115.443 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

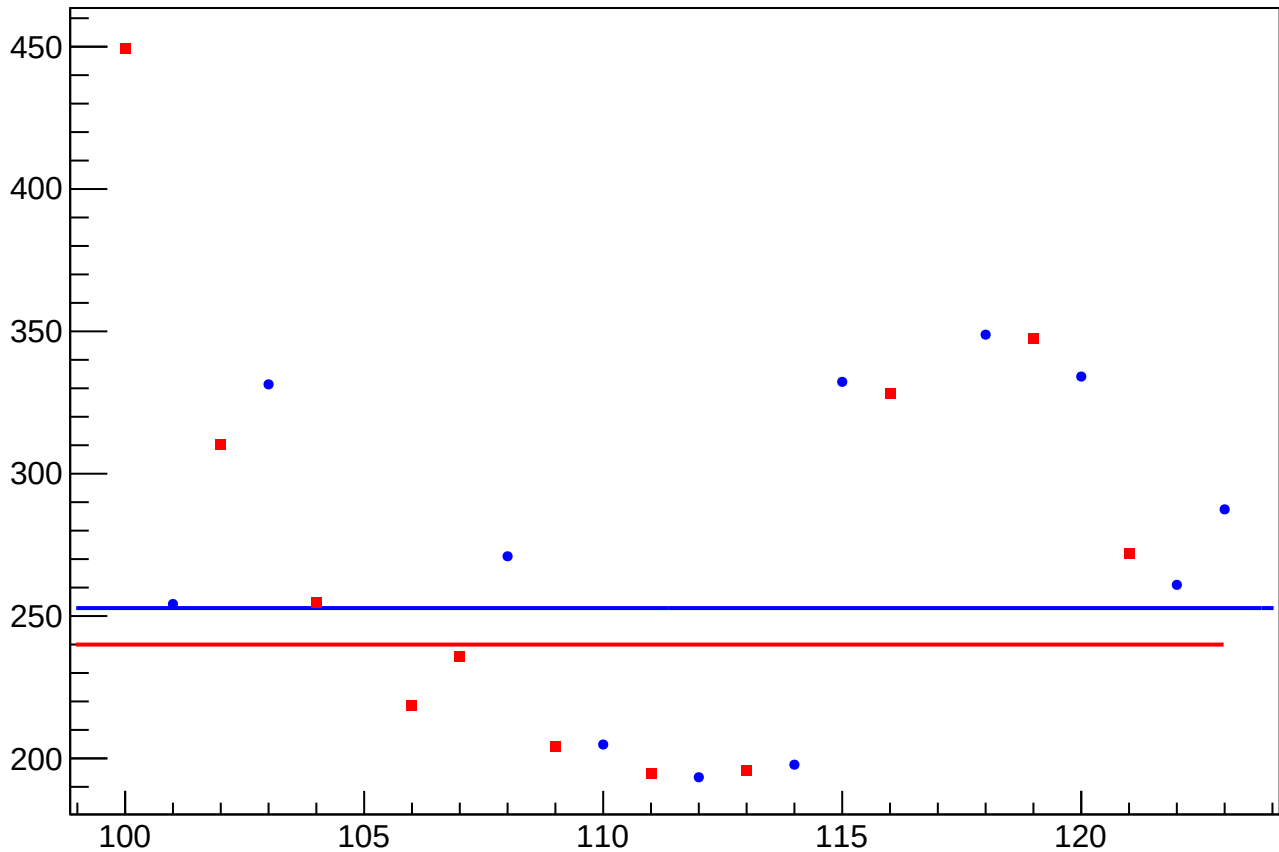
Right: 128.590+/-85.703 χ^2/NDF : 22.1/21

In: 28.895+/-127.920 χ^2/NDF : 12.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.590+/-85.703 χ^2/NDF : 22.1/21

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 252.799+/-0.090 χ^2/NDF : 366663.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 239.982+/-0.082 χ^2/NDF : 415722.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

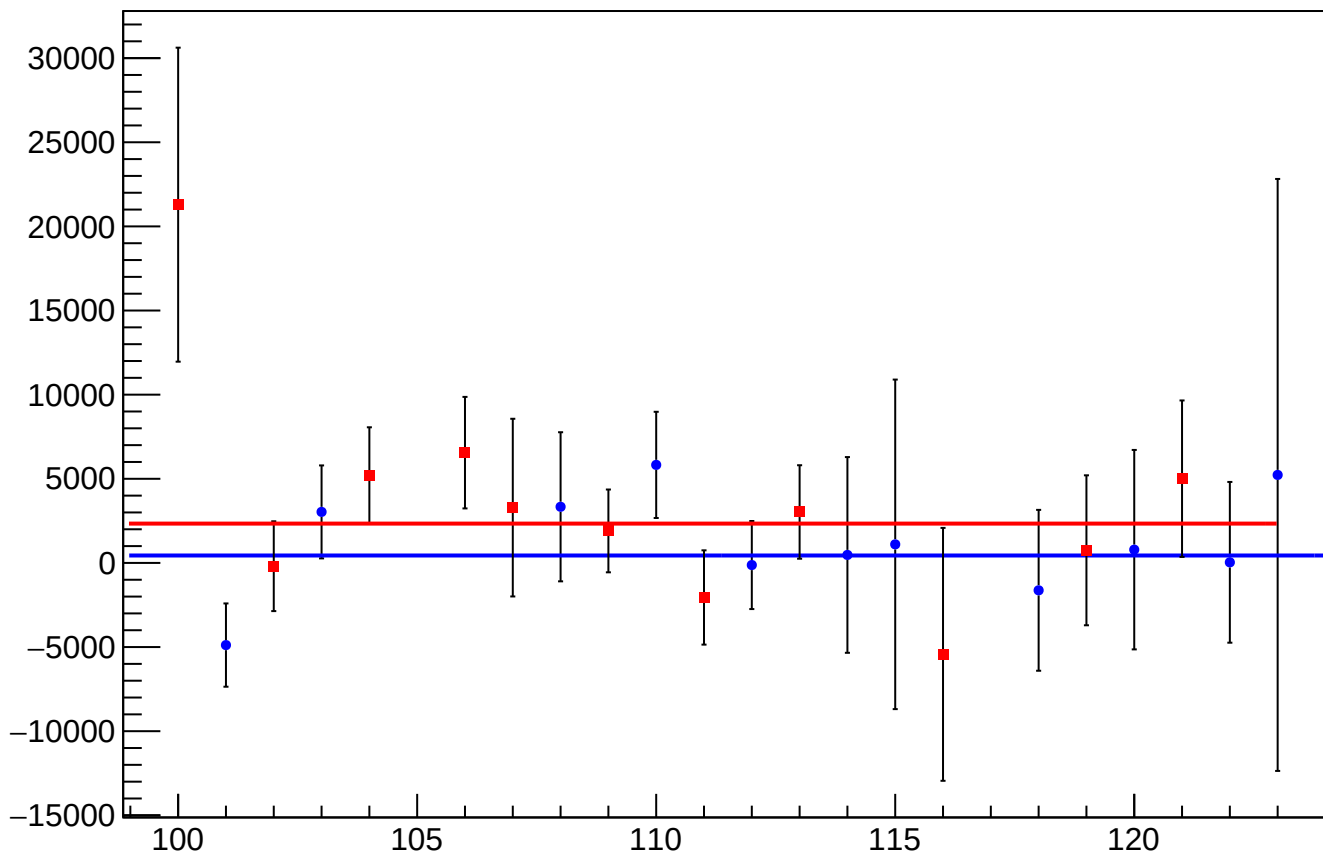
Right: 245.735+/-0.061 χ^2/NDF : 793450.9/21

In: 252.799+/-0.090 χ^2/NDF : 366663.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.735+/-0.061 χ^2/NDF : 793450.9/21

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 441.696+/-1153.924 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2337.146+/-1032.042 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

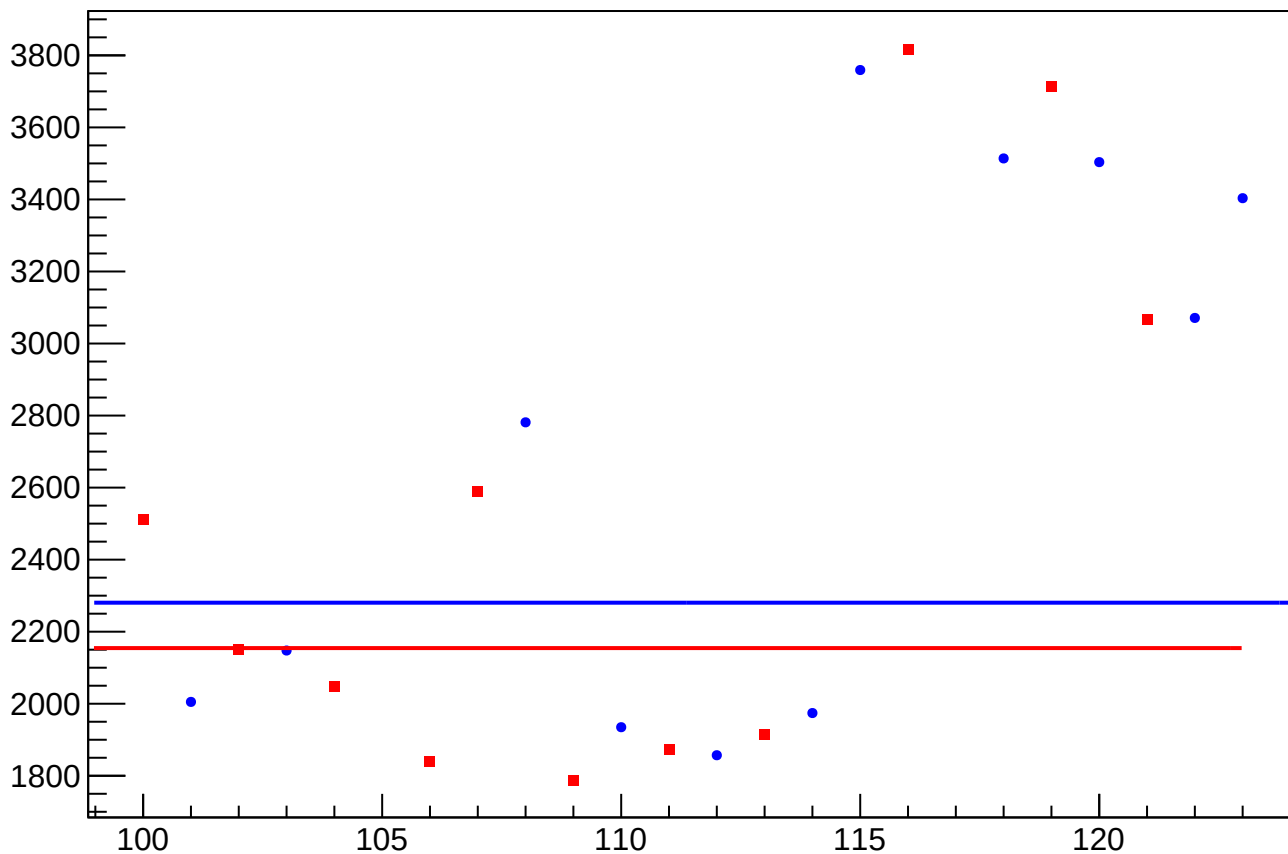
Right: 1494.776+/-769.258 χ^2/NDF : 22.4/21

In: 441.696+/-1153.924 χ^2/NDF :9.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1494.776+/-769.258 χ^2/NDF : 22.4/21

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2280.501+/-0.816 χ^2/NDF : 463727.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2154.473+/-0.730 χ^2/NDF : 536650.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

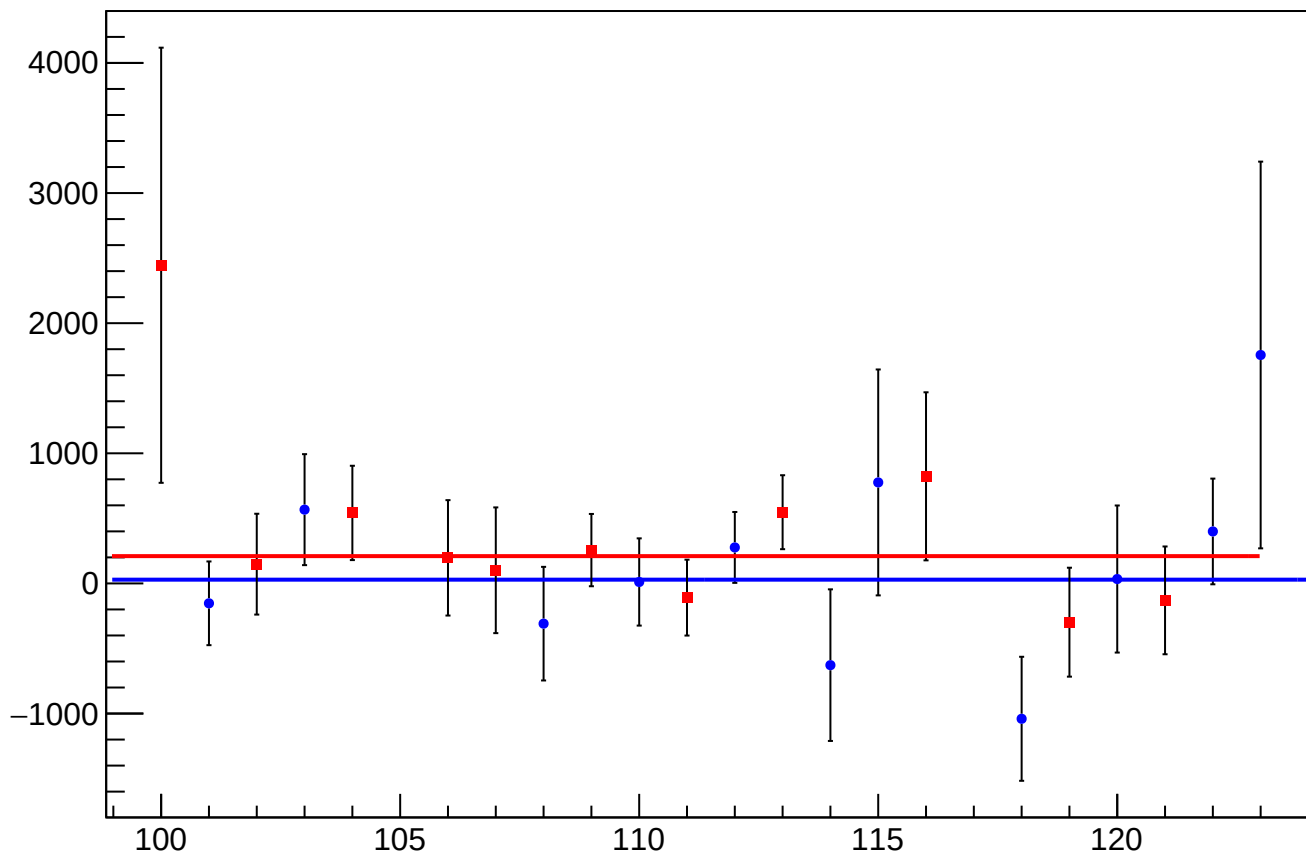
Right: 2210.482+/-0.544 χ^2/NDF : 1013631.8/21

In: 2280.501+/-0.816 χ^2/NDF : 463727.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2210.482+/-0.544 χ^2/NDF : 1013631.8/21

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 28.894+/-127.920 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.783+/-115.443 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

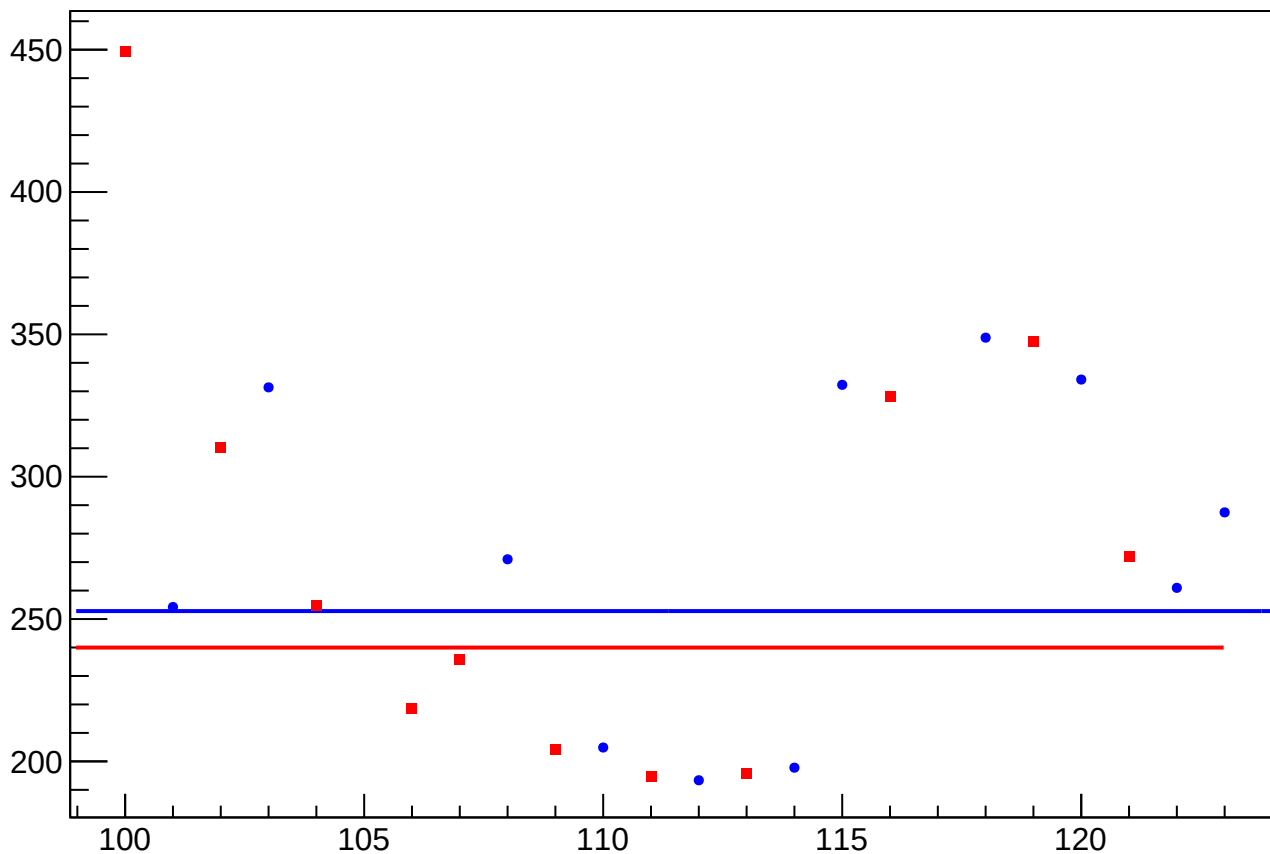
Right: 128.589+/-85.703 χ^2/NDF : 22.1/21

In: 28.894+/-127.920 χ^2/NDF : 12.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.589+/-85.703 χ^2/NDF : 22.1/21

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 252.799+/-0.090 χ^2/NDF : 366668.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 239.982+/-0.082 χ^2/NDF : 415724.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

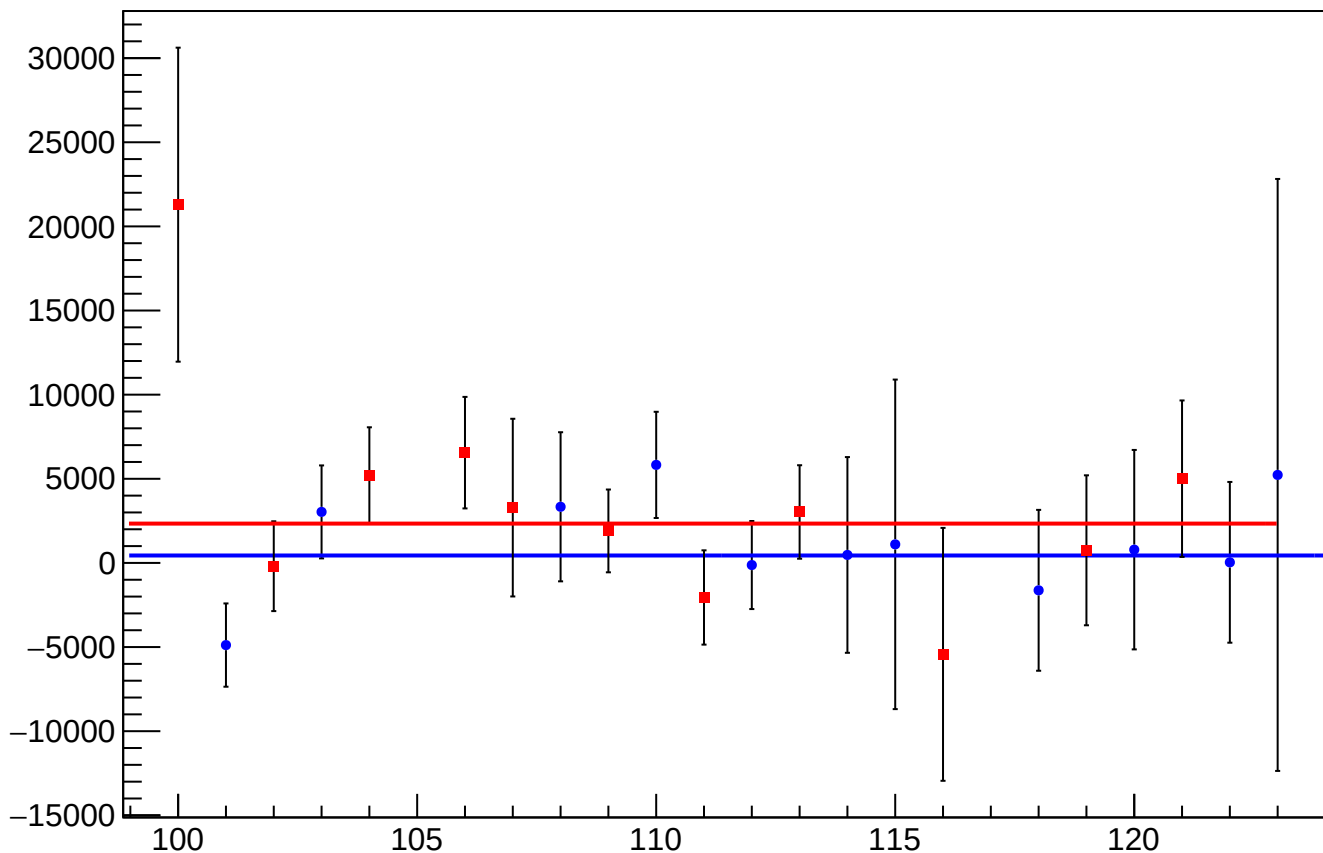
Right: 245.735+/-0.061 χ^2/NDF : 793457.7/21

In: 252.799+/-0.090 χ^2/NDF : 366668.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.735+/-0.061 χ^2/NDF : 793457.7/21

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 441.697+/-1153.923 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.144+/-1032.042 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

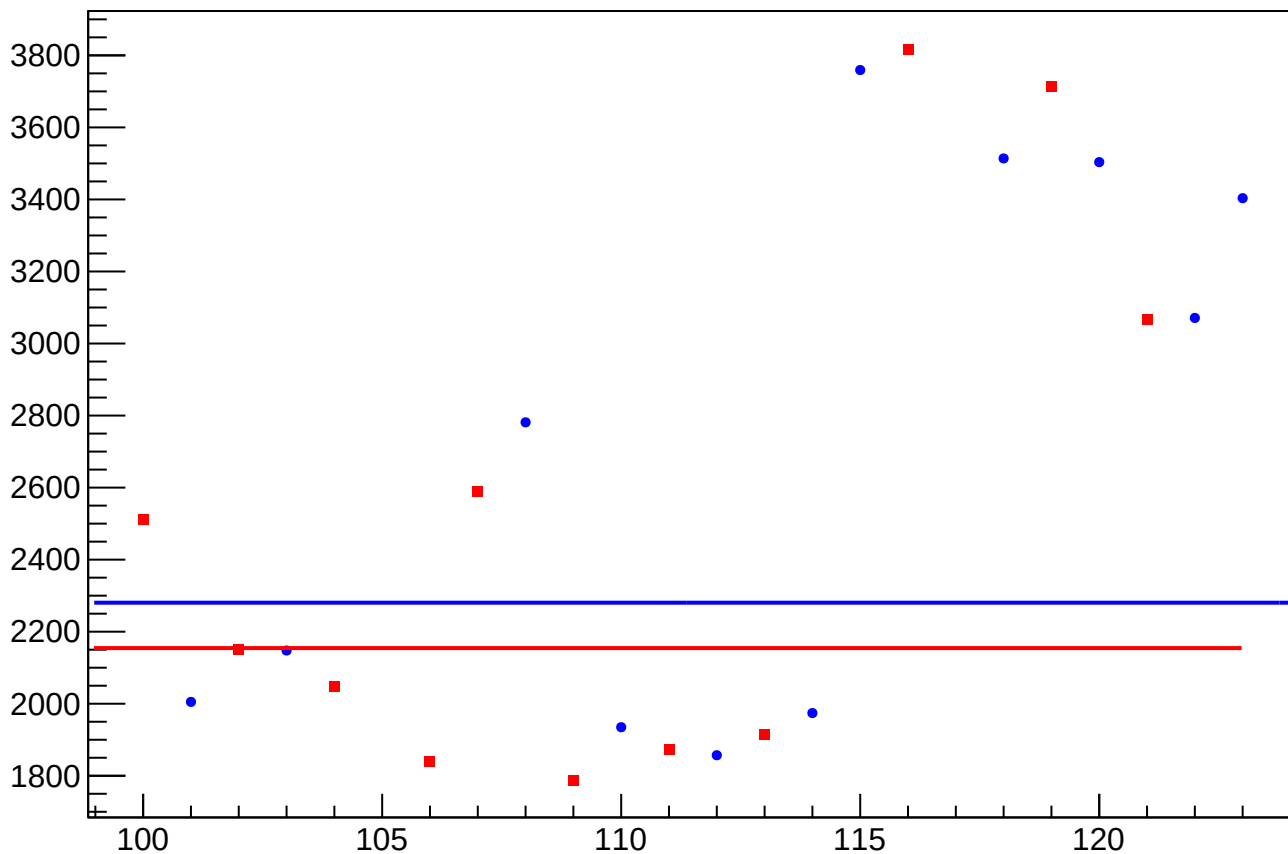
Right: 1494.776+/-769.258 χ^2/NDF : 22.4/21

In: 441.697+/-1153.923 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.776+/-769.258 χ^2/NDF : 22.4/21

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2280.500+/-0.816 χ^2/NDF : 463729.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2154.472+/-0.730 χ^2/NDF : 536651.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

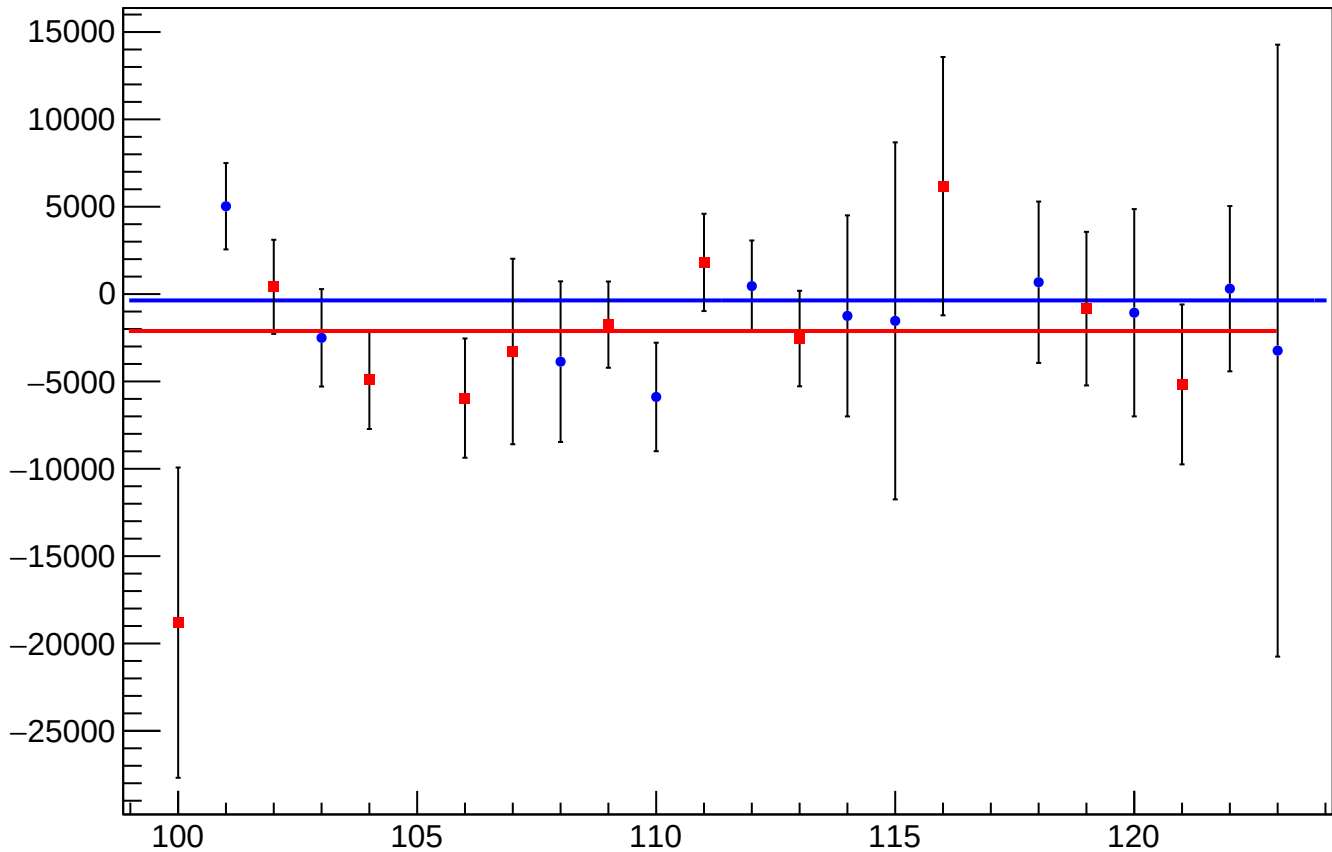
Right: 2210.481+/-0.544 χ^2/NDF : 1013635.4/21

In: 2280.500+/-0.816 χ^2/NDF :463729.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2210.481+/-0.544 χ^2/NDF : 1013635.4/21

asym_sam4_mean vs Slug, Sign Corrected



Right In: -362.972+/-1152.476 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2113.397+/-1030.735 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

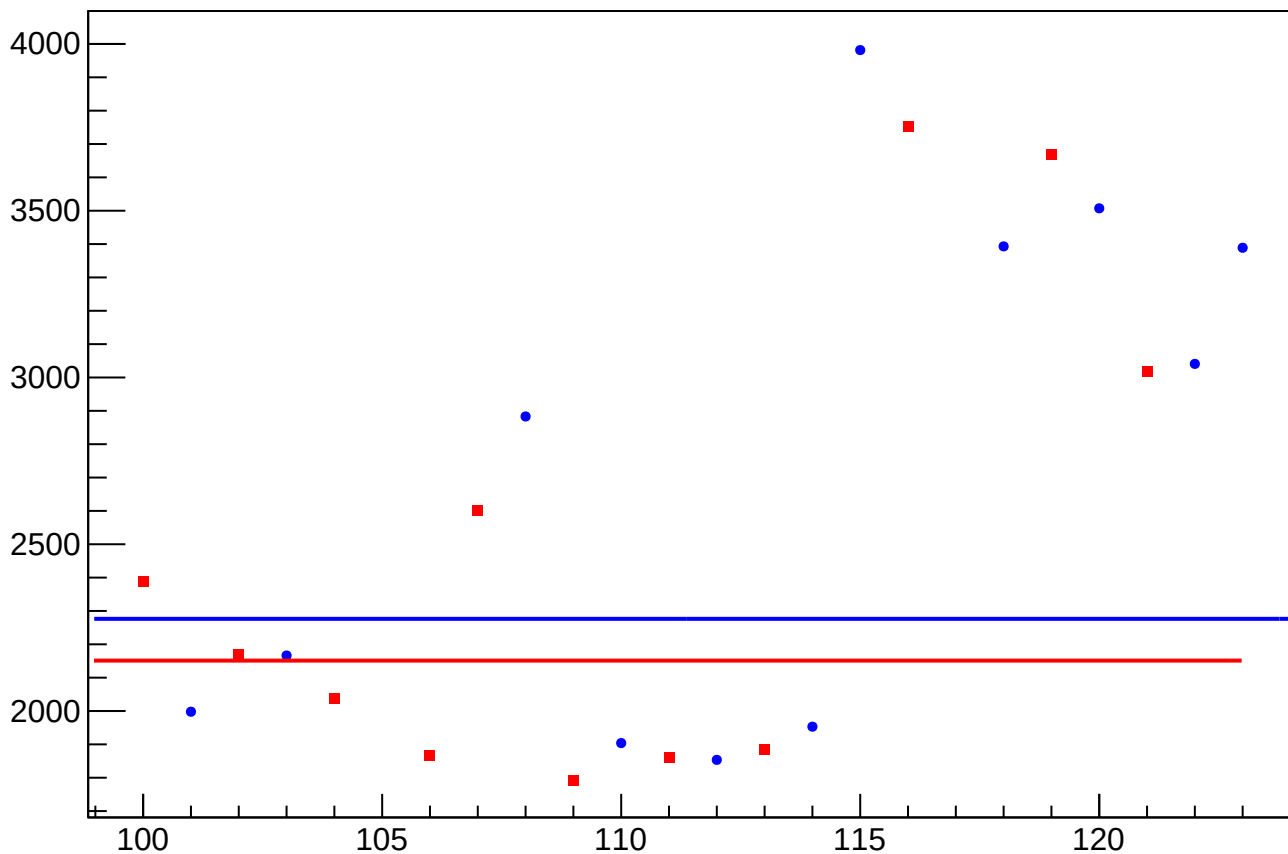
Right: -1335.490+/-768.288 χ^2/NDF : 21.1/21

In: -362.972+/-1152.476 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1335.490+/-768.288 χ^2/NDF : 21.1/21

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2276.407+/-0.815 χ^2/NDF : 469847.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2151.151+/-0.729 χ^2/NDF : 520261.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

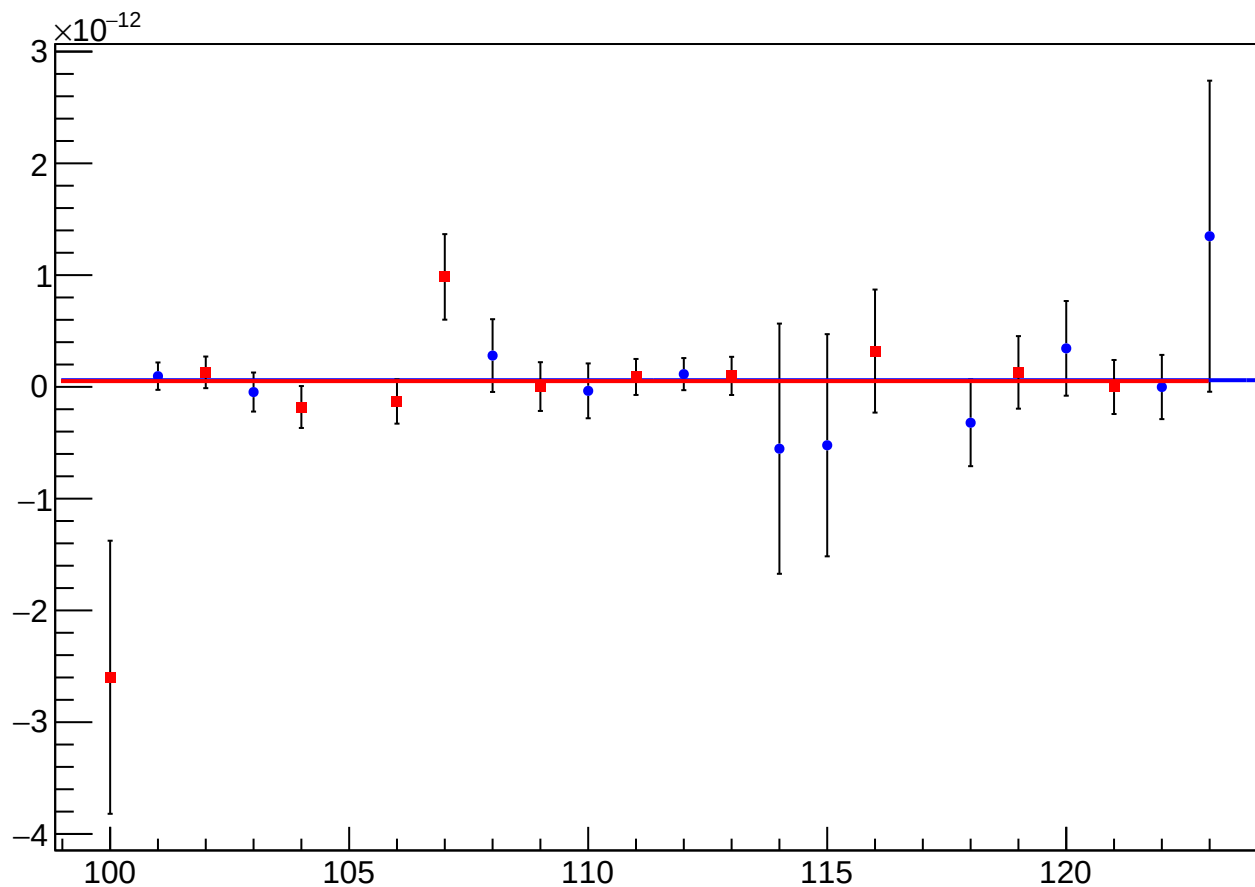
Right: 2206.816+/-0.543 χ^2/NDF : 1003234.8/21

In: 2276.407+/-0.815 χ^2/NDF : 469847.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.816+/-0.543 χ^2/NDF : 1003234.8/21

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/10

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

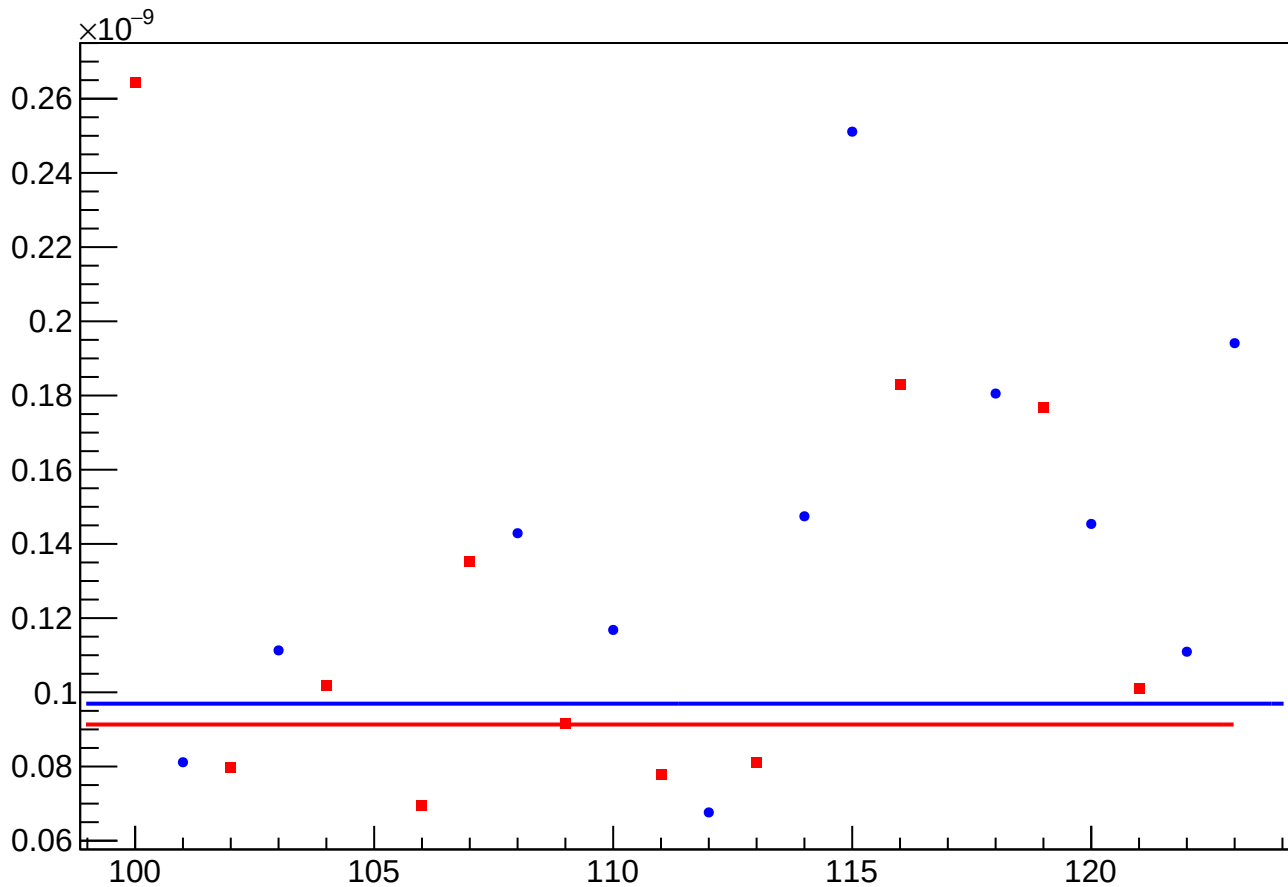
Right: 0.000+/-0.000 χ^2/NDF : 18.0/21

In: 0.000+/-0.000 χ^2/NDF : 4.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/21

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 368479.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 329131.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

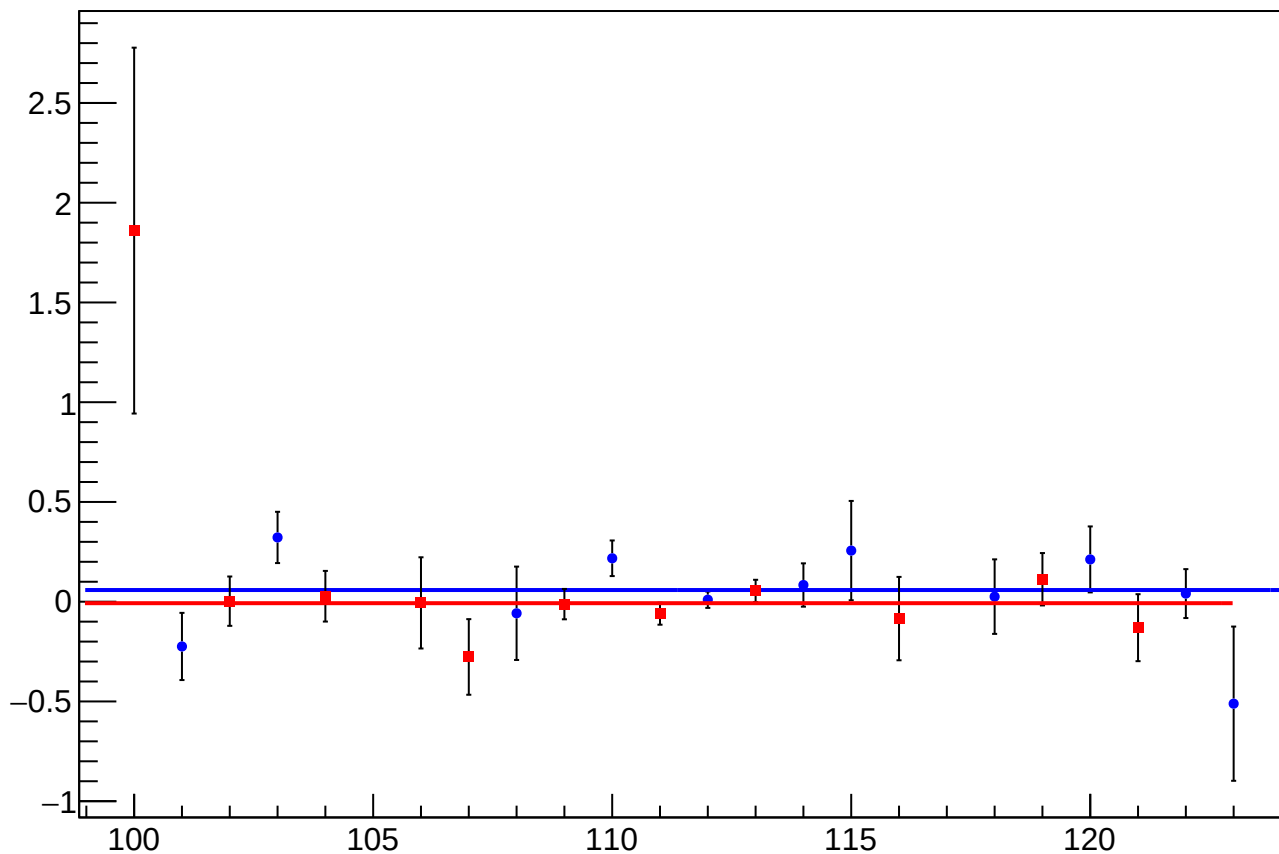
Right: 0.000+/-0.000 χ^2/NDF : 704439.8/21

In: 0.000+/-0.000 χ^2/NDF : 368479.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 704439.8/21

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-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

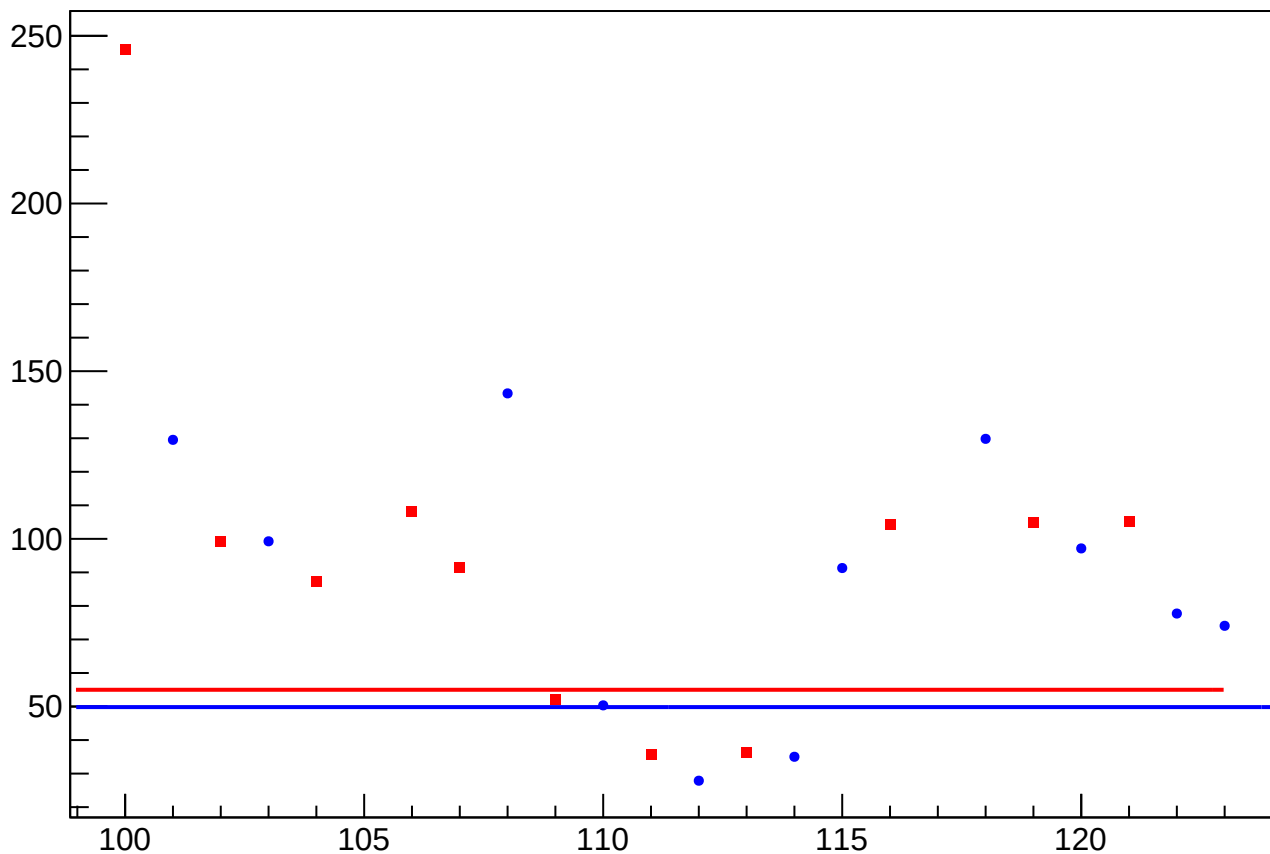
Right: 0.025+/-0.021 χ^2/NDF : 27.9/21

In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.021 χ^2/NDF : 27.9/21

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.832+/-0.022 χ^2/NDF : 2370374.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.996+/-0.021 χ^2/NDF : 1710589.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

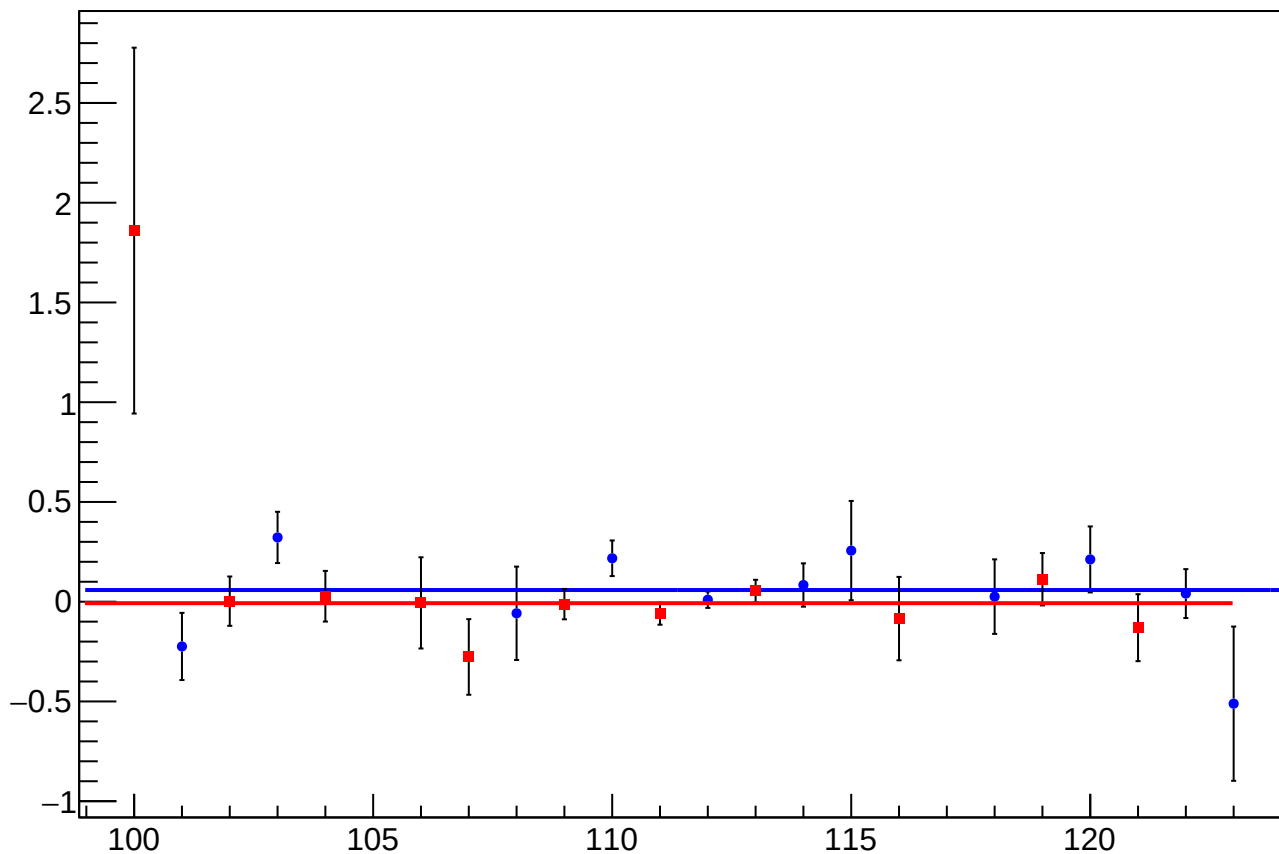
Right: 52.464+/-0.015 χ^2/NDF : 4110125.0/21

In: 49.832+/-0.022 χ^2/NDF : 2370374.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.464+/-0.015 χ^2/NDF : 4110125.0/21

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-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

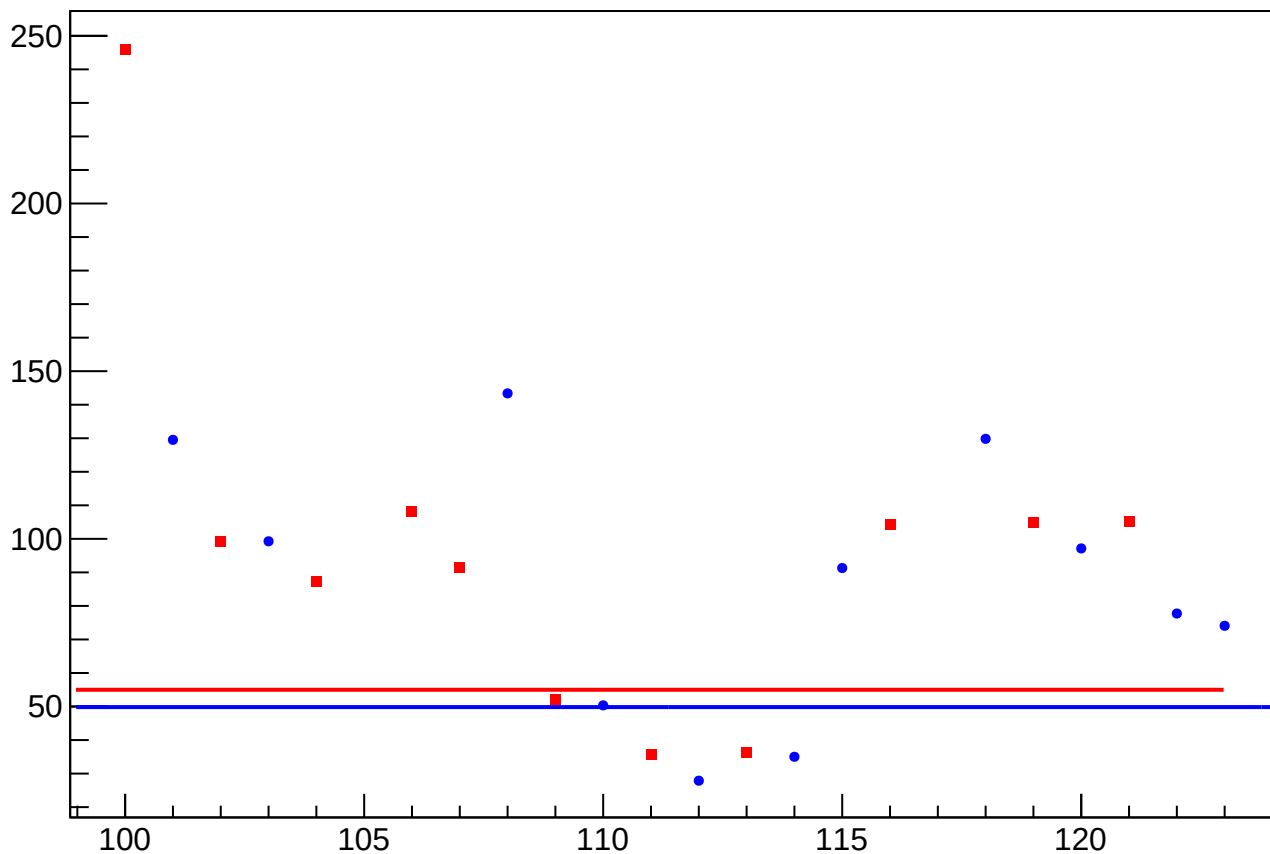
Right: 0.025+/-0.021 χ^2/NDF : 27.9/21

In: 0.059+/-0.031 χ^2/NDF :15.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.021 χ^2/NDF : 27.9/21

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.832+/-0.022 χ^2/NDF : 2370374.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.996+/-0.021 χ^2/NDF : 1710589.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

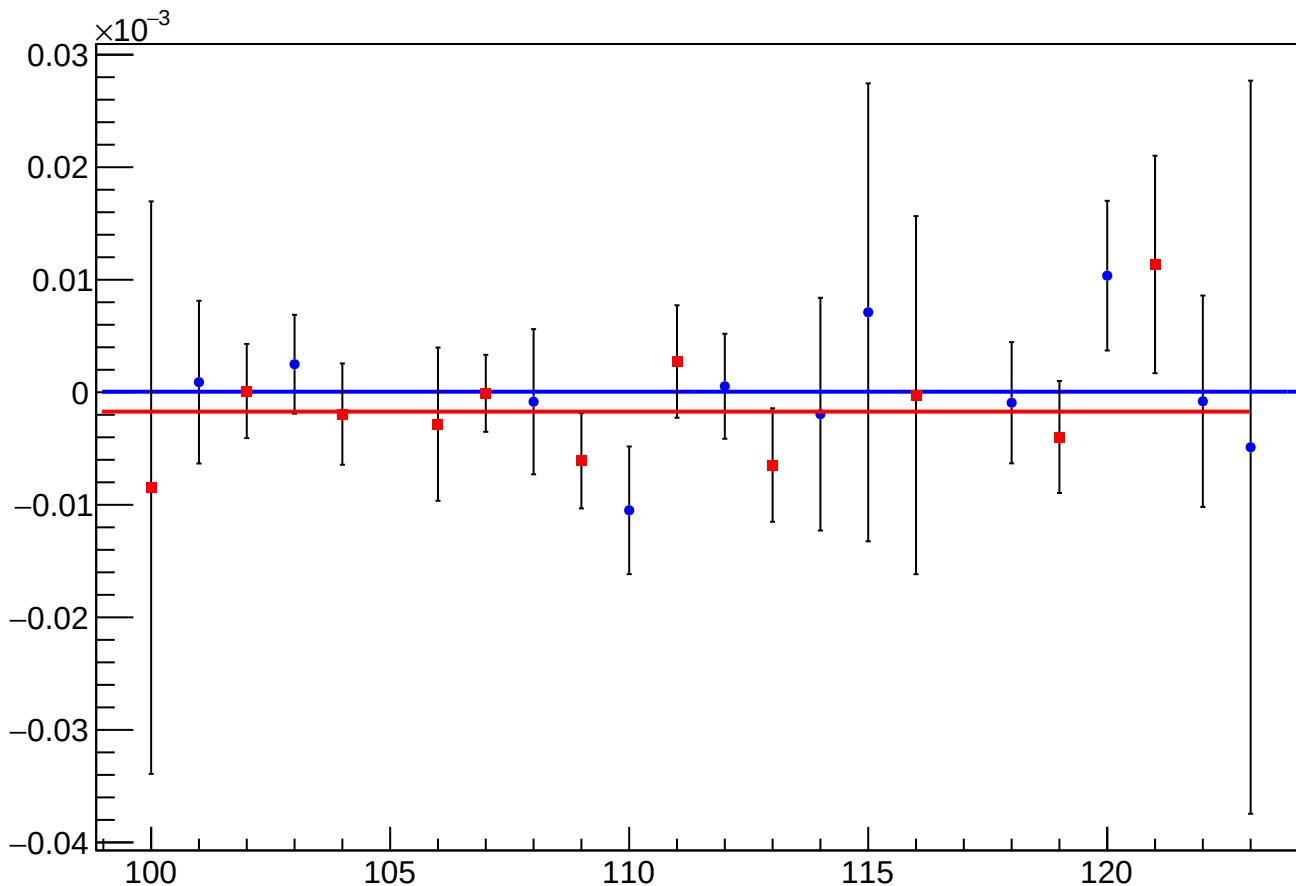
Right: 52.464+/-0.015 χ^2/NDF : 4110125.0/21

In: 49.832+/-0.022 χ^2/NDF : 2370374.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.464+/-0.015 χ^2/NDF : 4110125.0/21

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

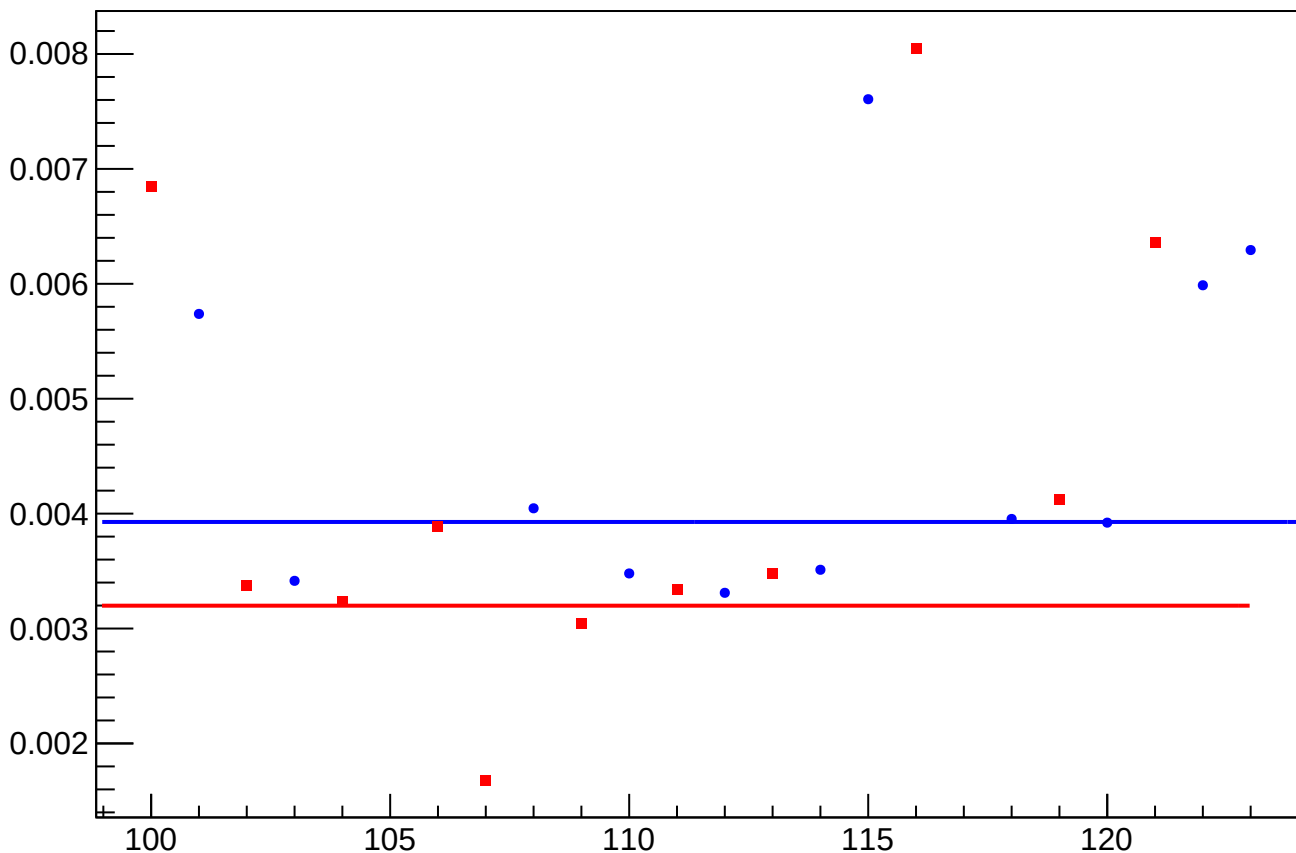
Right: -0.000+/-0.000 χ^2/NDF : 12.2/21

In: 0.000+/-0.000 χ^2/NDF : 6.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.2/21

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 376208.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 939166.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

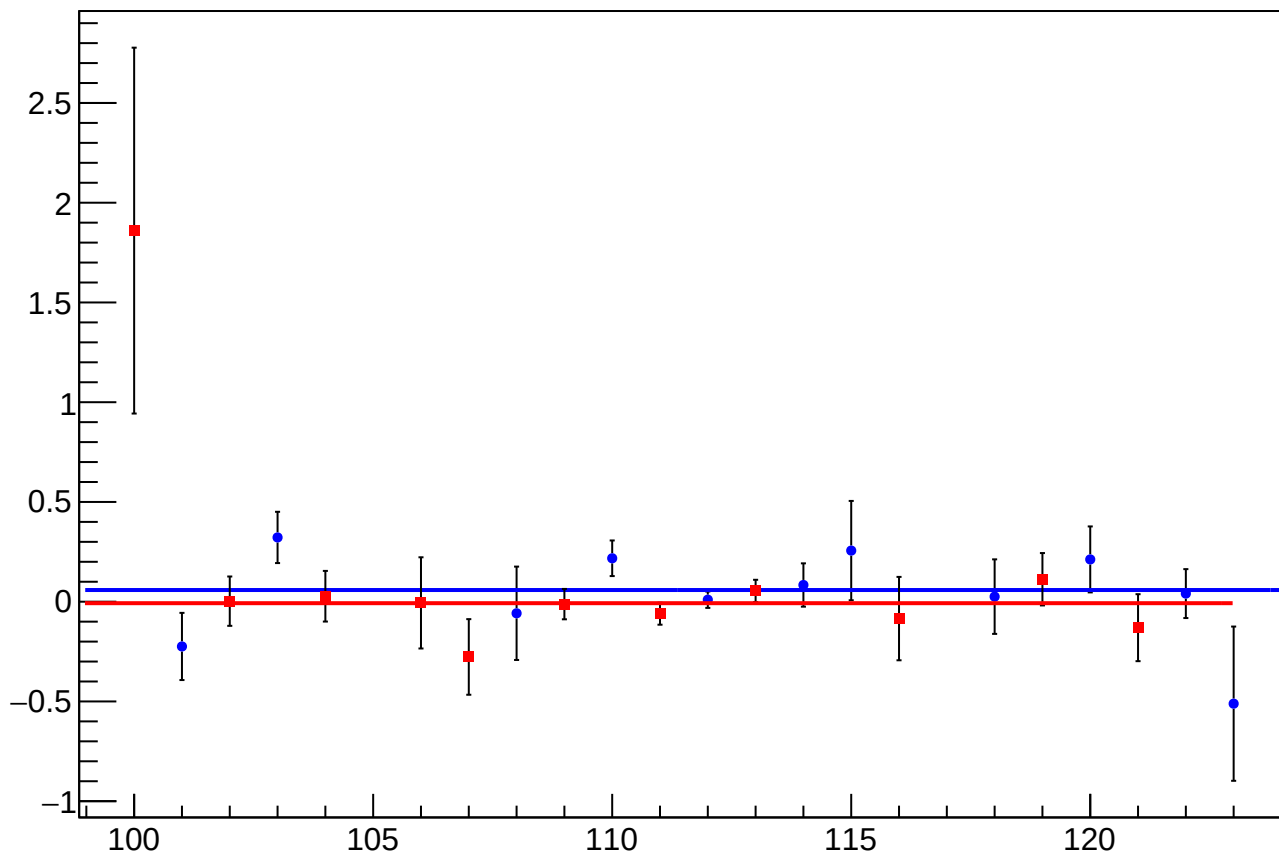
Right: 0.003+/-0.000 χ^2/NDF : 1480819.2/21

In: 0.004+/-0.000 χ^2/NDF : 376208.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1480819.2/21

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-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

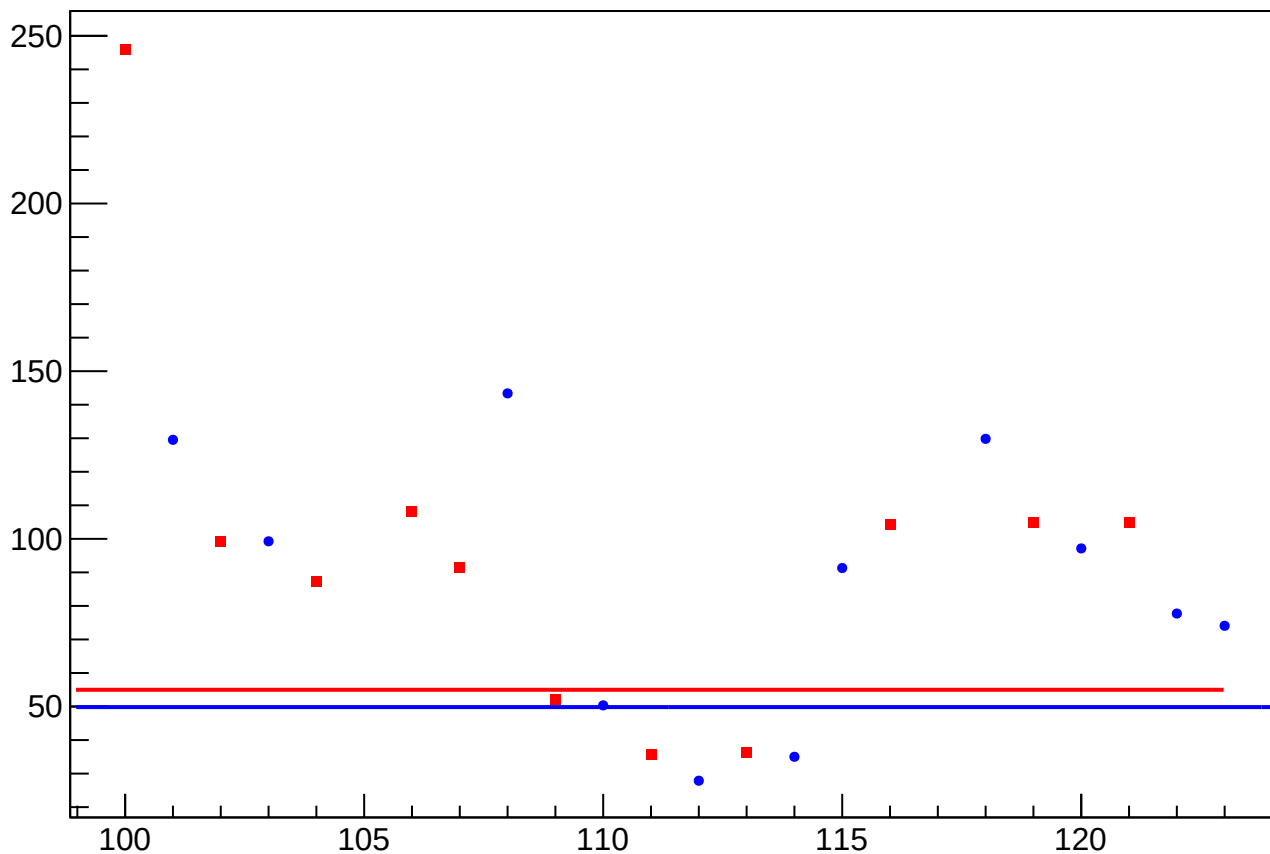
Right: 0.025+/-0.021 χ^2/NDF : 27.9/21

In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.021 χ^2/NDF : 27.9/21

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.830+/-0.022 χ^2/NDF : 2370516.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.994+/-0.021 χ^2/NDF : 1710727.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

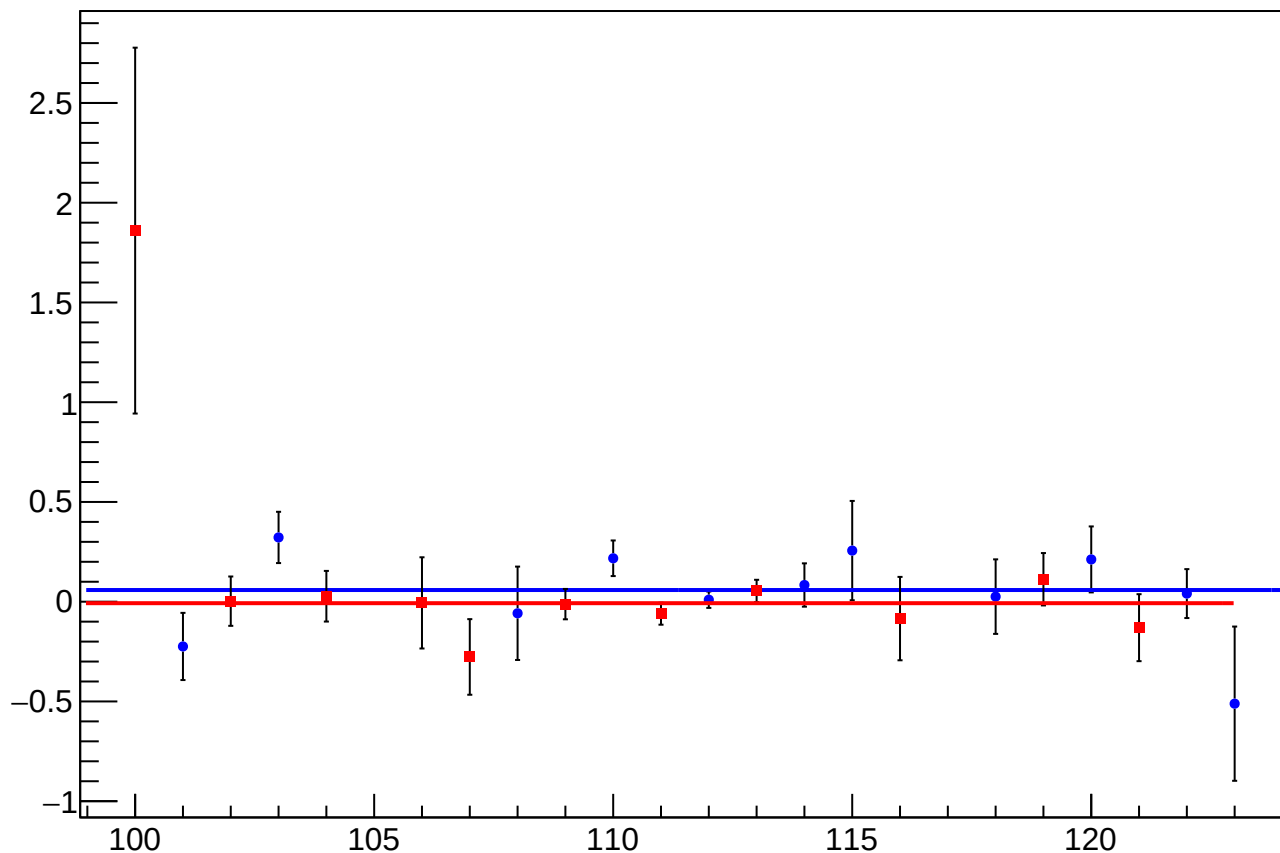
Right: 52.462+/-0.015 χ^2/NDF : 4110408.1/21

In: 49.830+/-0.022 χ^2/NDF : 2370516.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.462+/-0.015 χ^2/NDF : 4110408.1/21

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-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

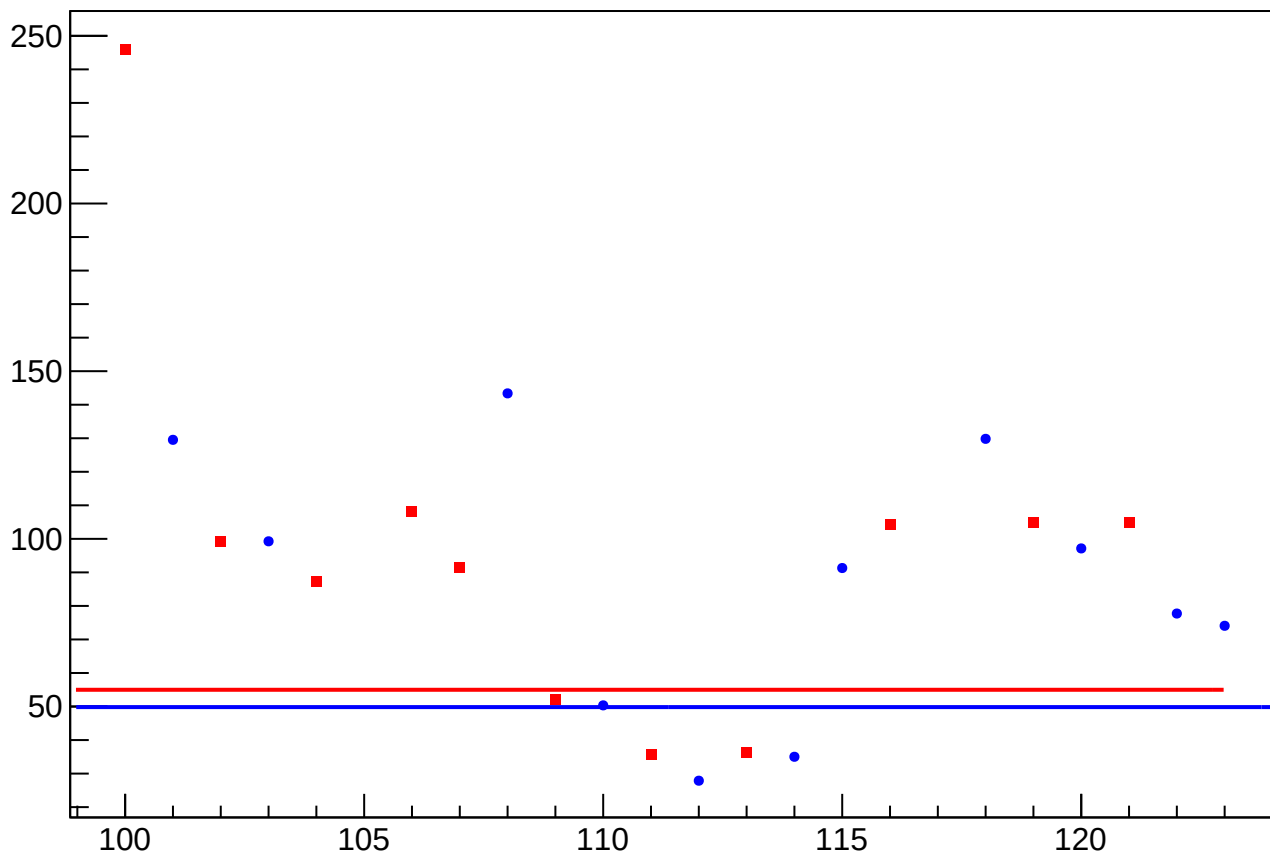
Right: 0.025+/-0.021 χ^2/NDF : 27.9/21

In: 0.059+/-0.031 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.021 χ^2/NDF : 27.9/21

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.830+/-0.022 χ^2/NDF : 2370516.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.994+/-0.021 χ^2/NDF : 1710727.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

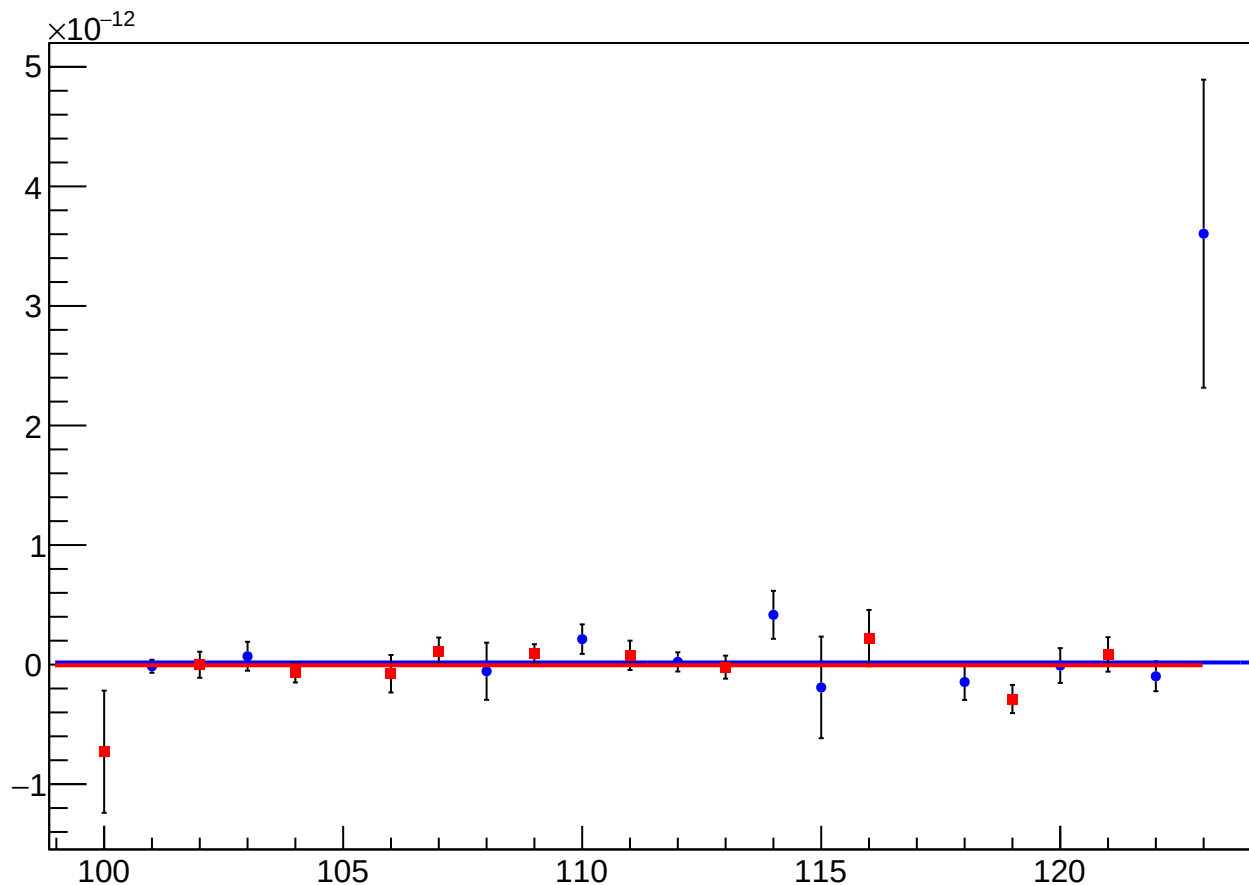
Right: 52.462+/-0.015 χ^2/NDF : 4110408.1/21

In: 49.830+/-0.022 χ^2/NDF : 2370516.2/10

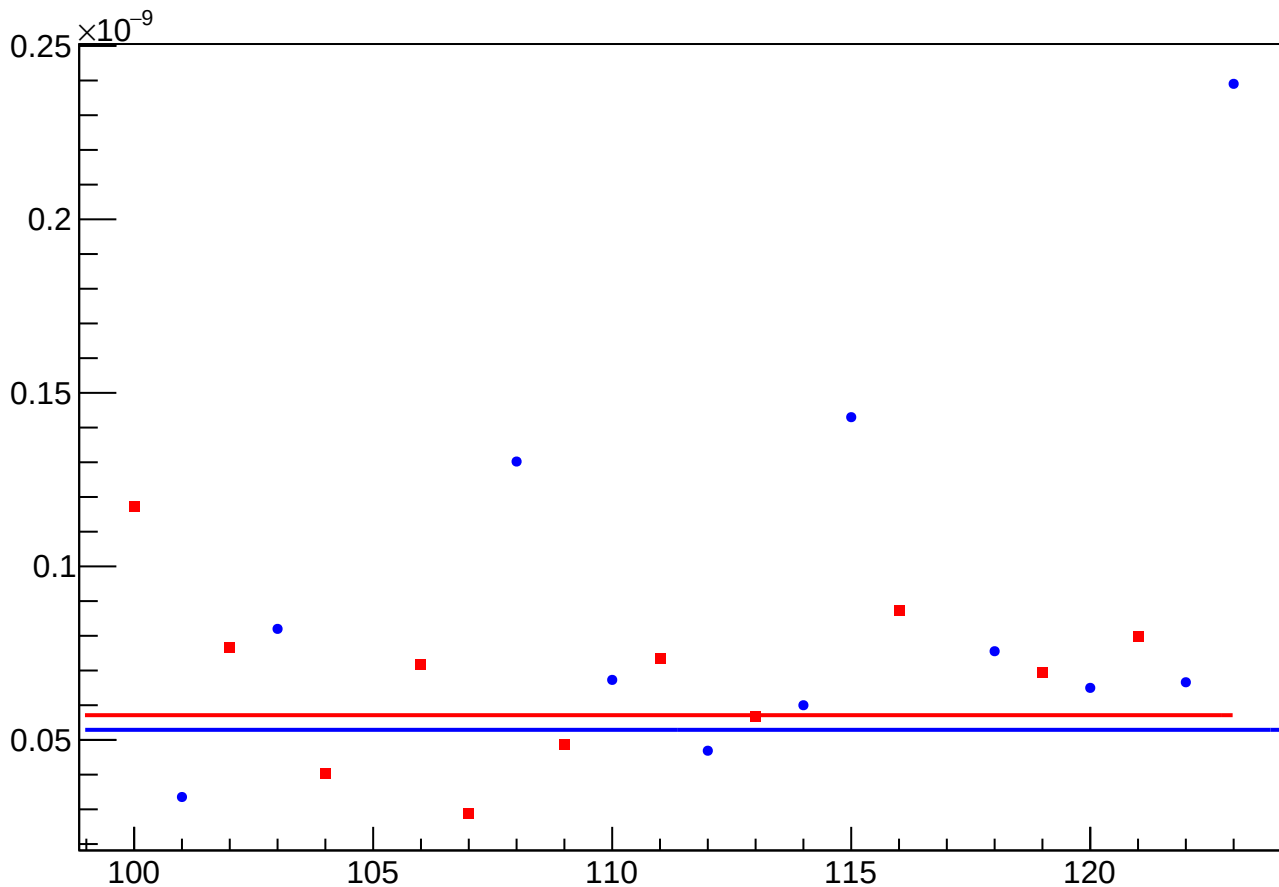
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.462+/-0.015 χ^2/NDF : 4110408.1/21

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 836199.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 479816.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

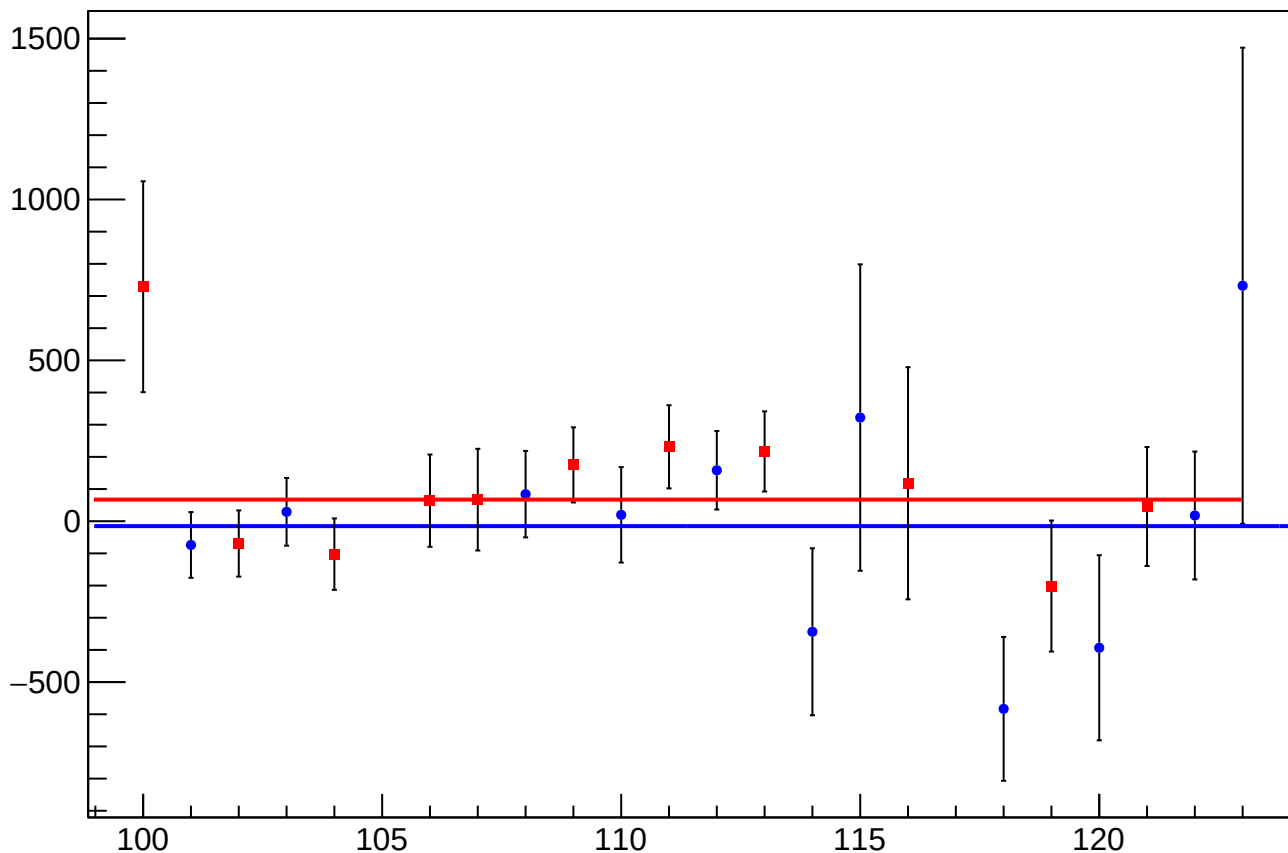
Right: 0.000+/-0.000 χ^2/NDF : 1330796.1/21

In: 0.000+/-0.000 χ^2/NDF : 836199.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1330796.1/21

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.239+/-48.092 χ^2/NDF : 14.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.211+/-43.345 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

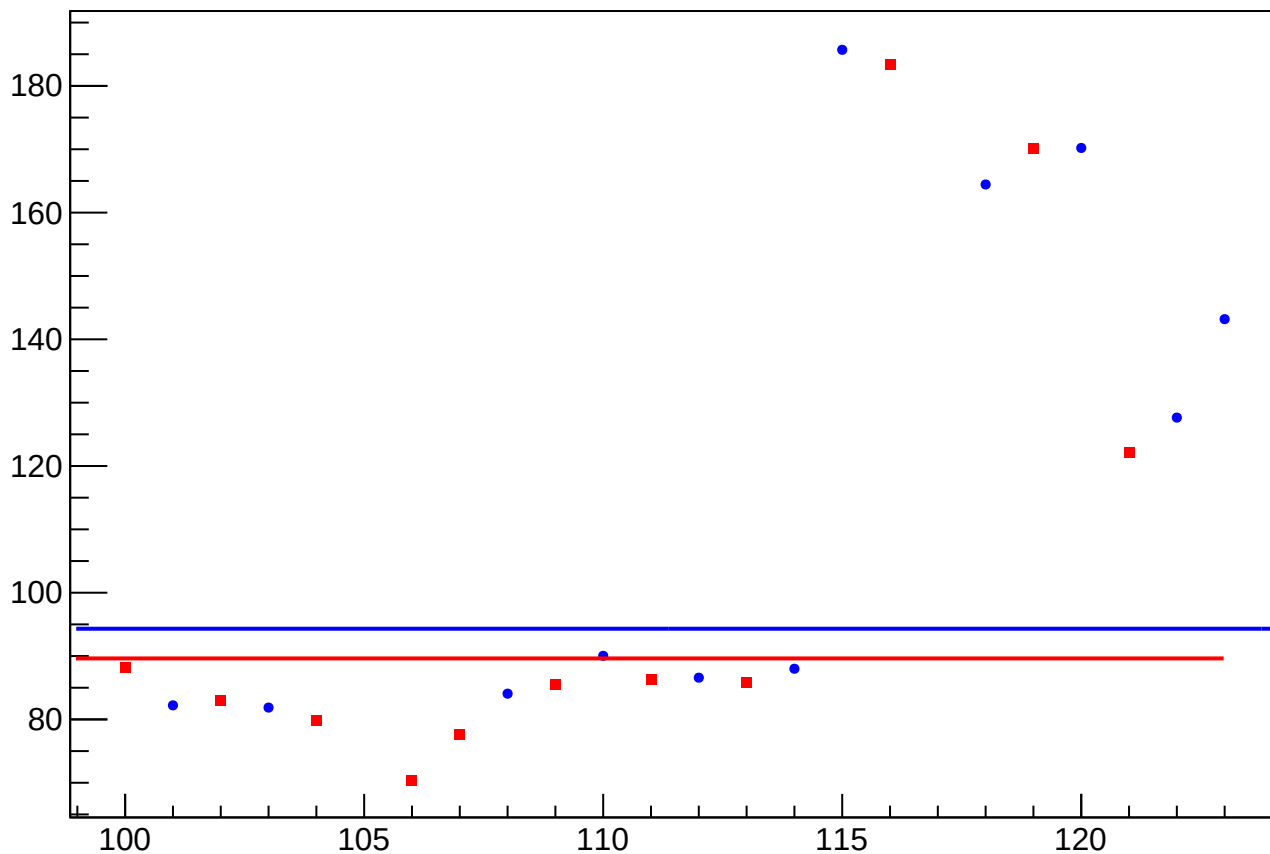
Right: 30.256+/-32.197 χ^2/NDF : 29.9/21

In: -15.239+/-48.092 χ^2/NDF : 14.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.256+/-32.197 χ^2/NDF : 29.9/21

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.314+/-0.034 χ^2/NDF : 553043.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.626+/-0.031 χ^2/NDF : 586697.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

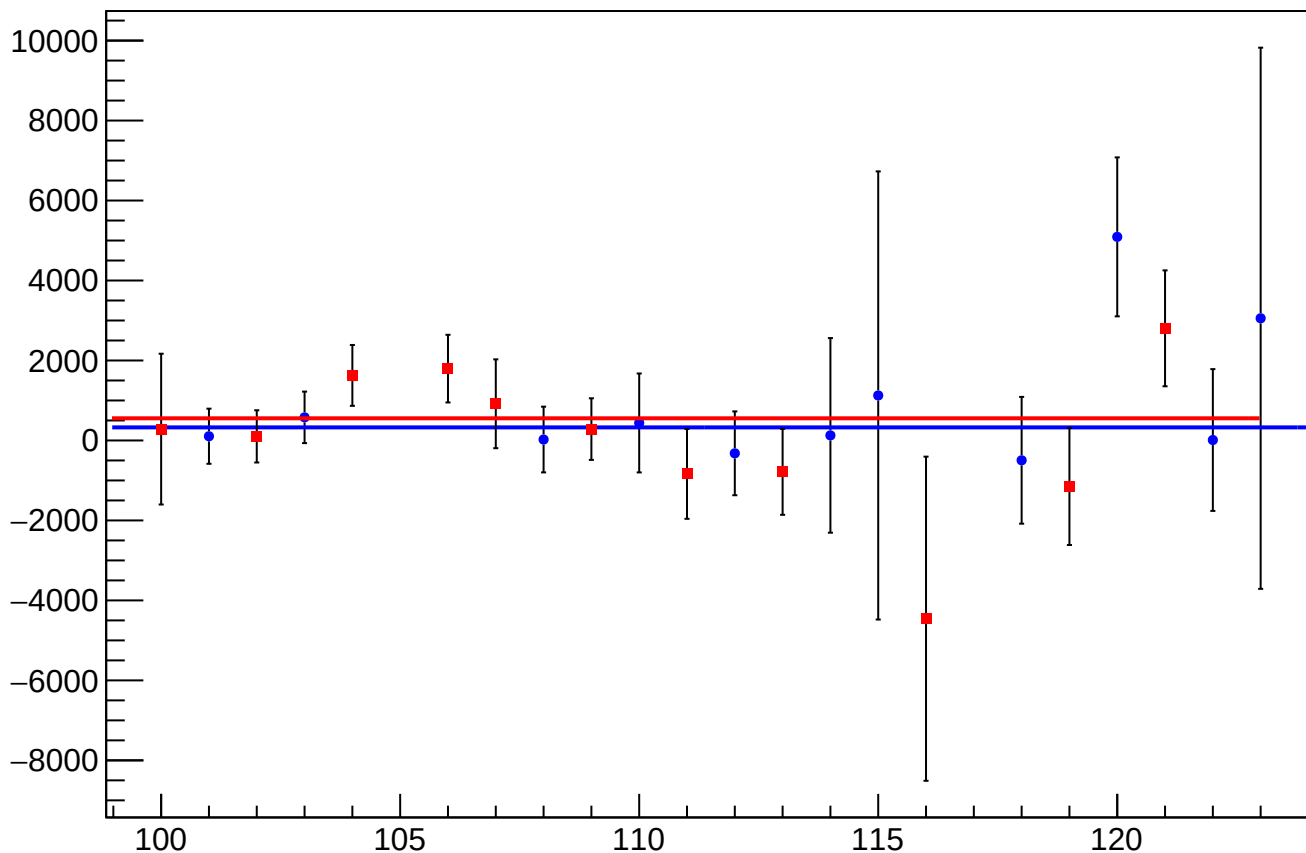
Right: 91.728+/-0.023 χ^2/NDF : 1150227.6/21

In: 94.314+/-0.034 χ^2/NDF : 553043.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.728+/-0.023 χ^2/NDF : 1150227.6/21

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 326.972 $\pm$ 338.076 χ^2 /NDF: 7.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 554.218 $\pm$ 302.811 χ^2 /NDF: 13.3/10

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

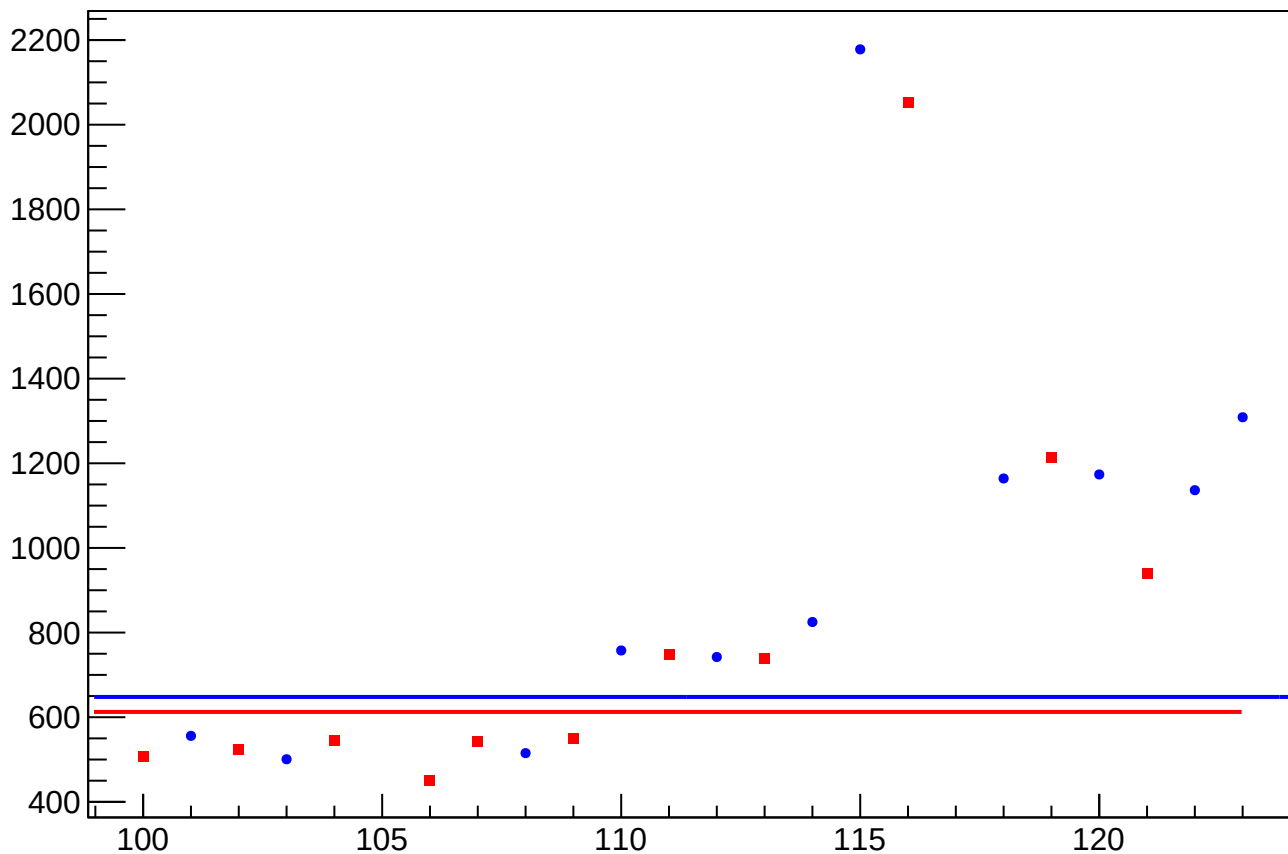
Right: 453.061 $\pm$ 225.561 χ^2 /NDF: 20.5/21

In: 326.972 $\pm$ 338.076 χ^2 /NDF:7.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 453.061 $\pm$ 225.561 χ^2 /NDF: 20.5/21

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 647.893+/-0.239 χ^2/NDF : 906642.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.521+/-0.214 χ^2/NDF : 900656.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

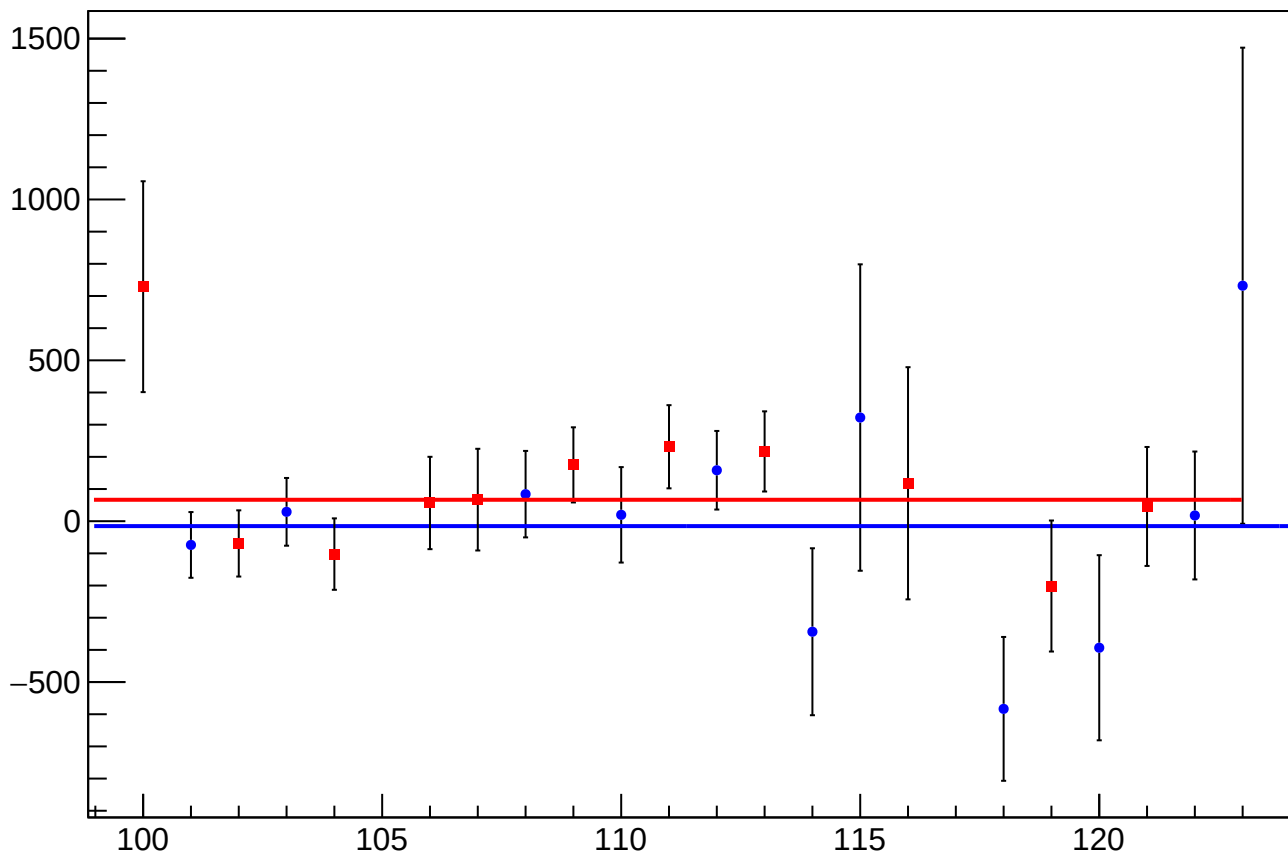
Right: 628.267+/-0.159 χ^2/NDF : 1819446.0/21

In: 647.893+/-0.239 χ^2/NDF : 906642.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.267+/-0.159 χ^2/NDF : 1819446.0/21

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.258 ± 48.092 χ^2/NDF : 14.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.593 ± 43.349 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

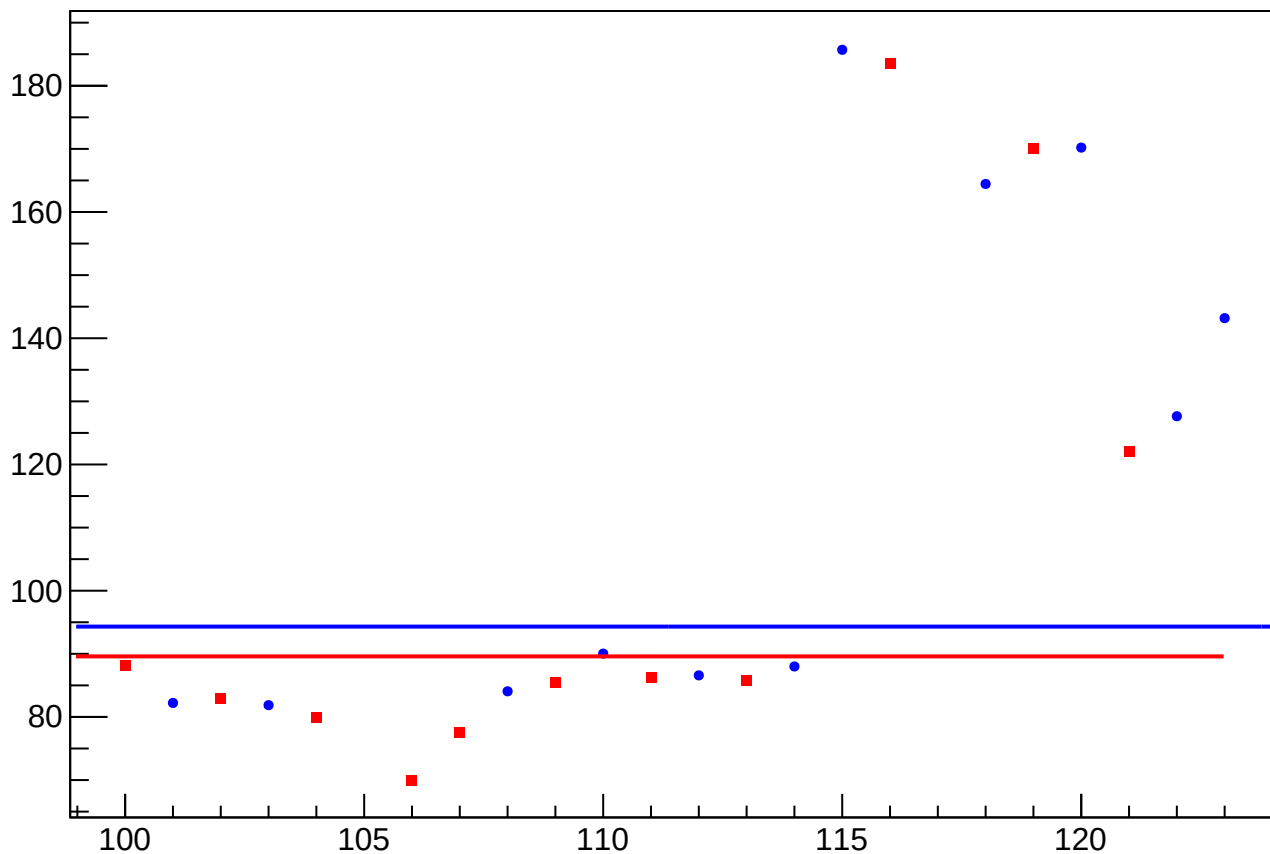
Right: 29.902 ± 32.199 χ^2/NDF : 29.9/21

In: -15.258 ± 48.092 χ^2/NDF : 14.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.902 ± 32.199 χ^2/NDF : 29.9/21

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.314+/-0.034 χ^2/NDF : 553043.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.593+/-0.031 χ^2/NDF : 588214.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

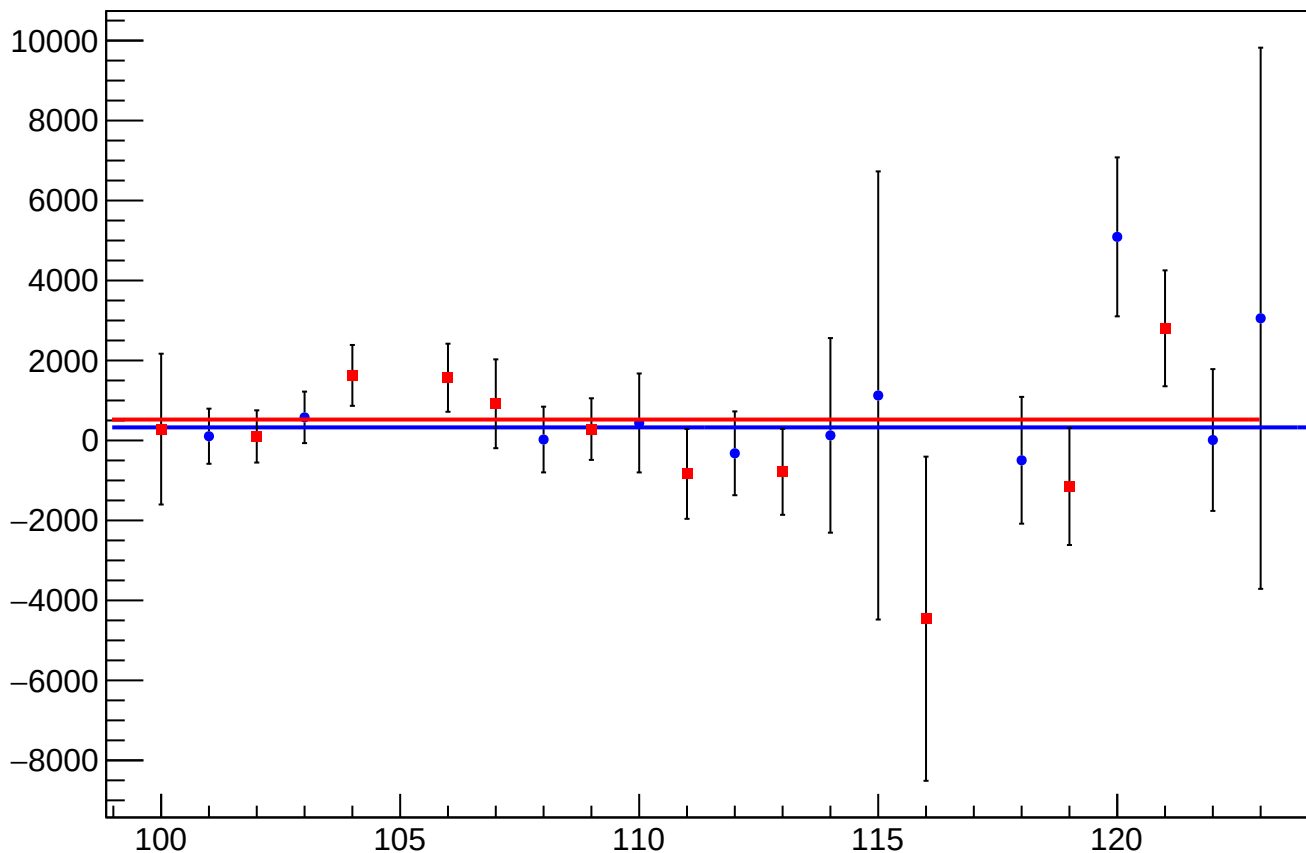
Right: 91.709+/-0.023 χ^2/NDF : 1151893.2/21

In: 94.314+/-0.034 χ^2/NDF : 553043.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.709+/-0.023 χ^2/NDF : 1151893.2/21

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 326.973+/-338.076 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 522.981+/-303.055 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

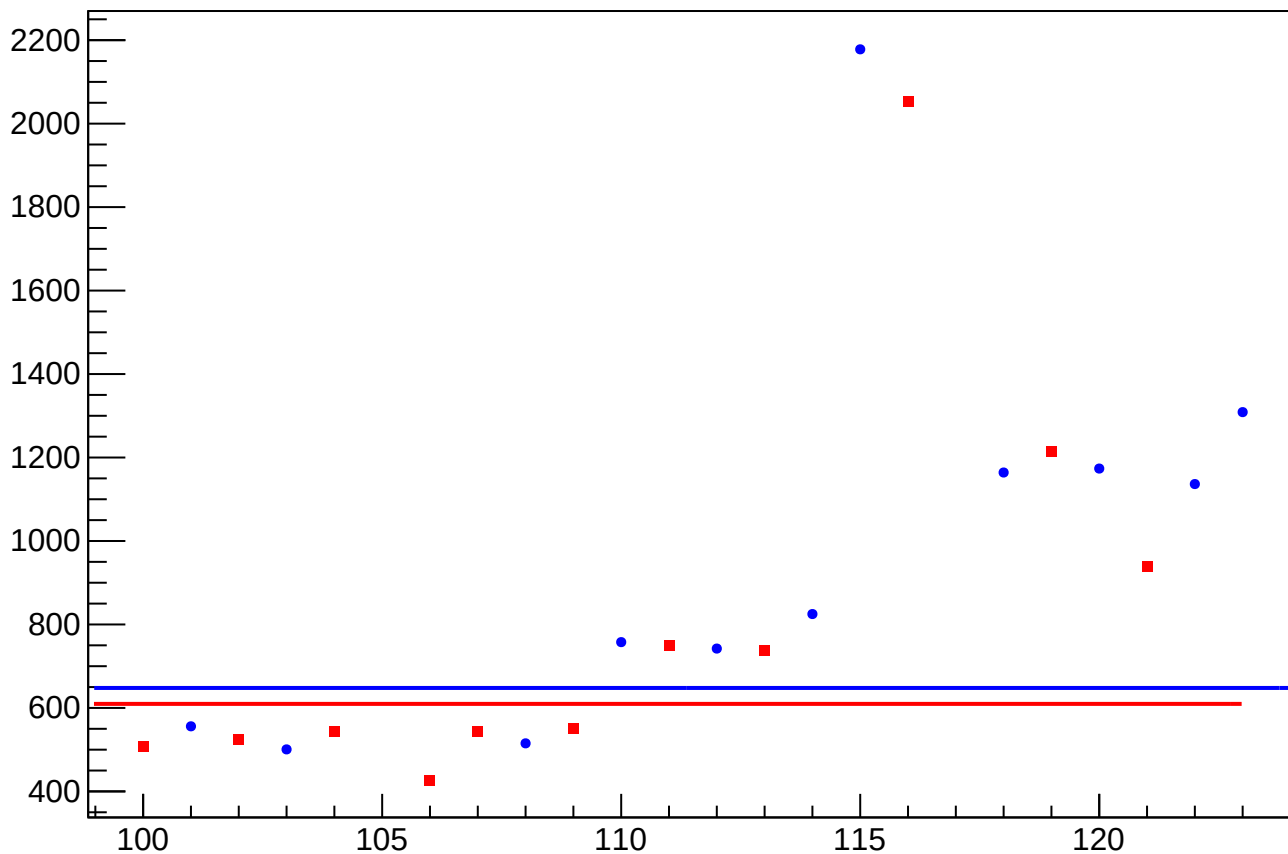
Right: 435.652+/-225.661 χ^2/NDF : 19.7/21

In: 326.973+/-338.076 χ^2/NDF :7.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 435.652+/-225.661 χ^2/NDF : 19.7/21

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 647.892+/-0.239 χ^2/NDF : 906641.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.702+/-0.214 χ^2/NDF : 922964.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

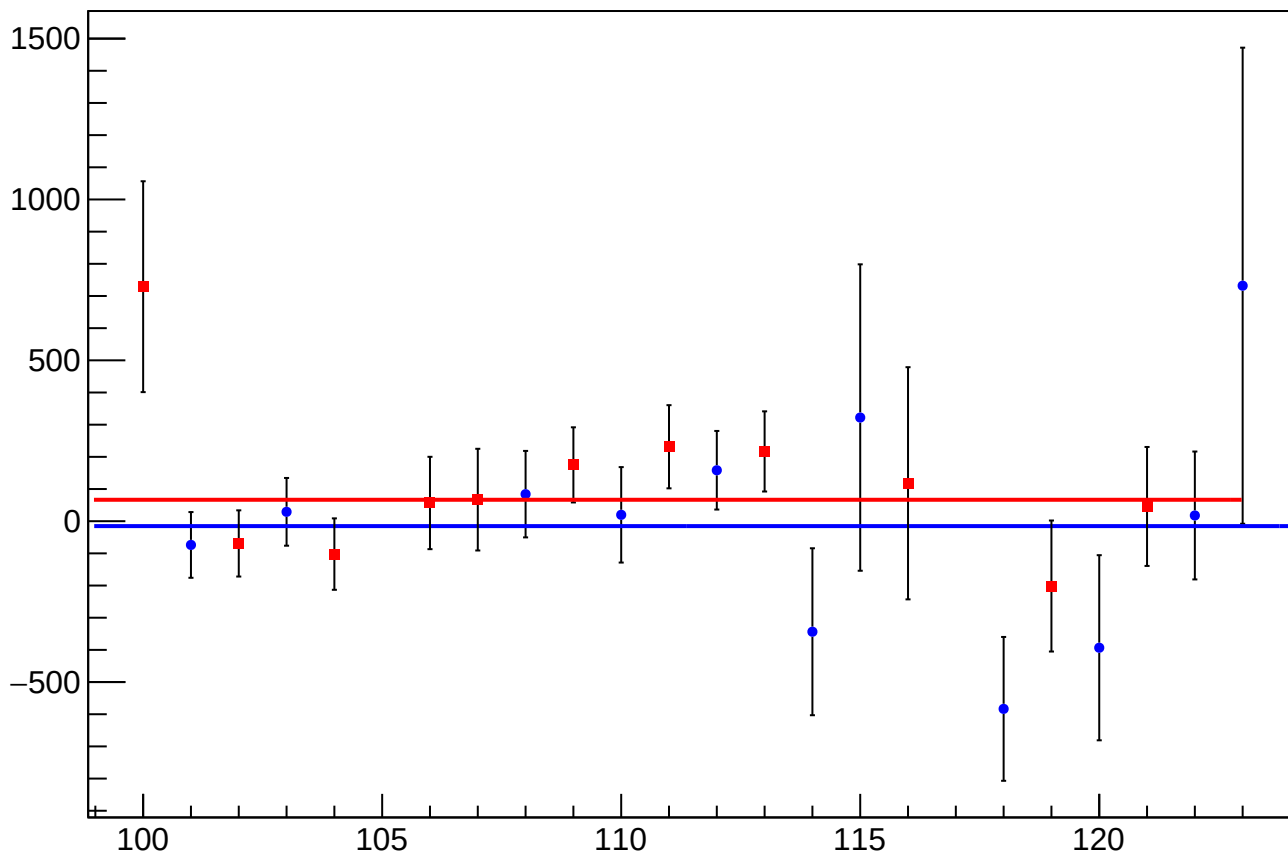
Right: 626.717+/-0.160 χ^2/NDF : 1843757.4/21

In: 647.892+/-0.239 χ^2/NDF : 906641.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.717+/-0.160 χ^2/NDF : 1843757.4/21

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.258 ± 48.092 χ^2/NDF : 14.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.593 ± 43.349 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

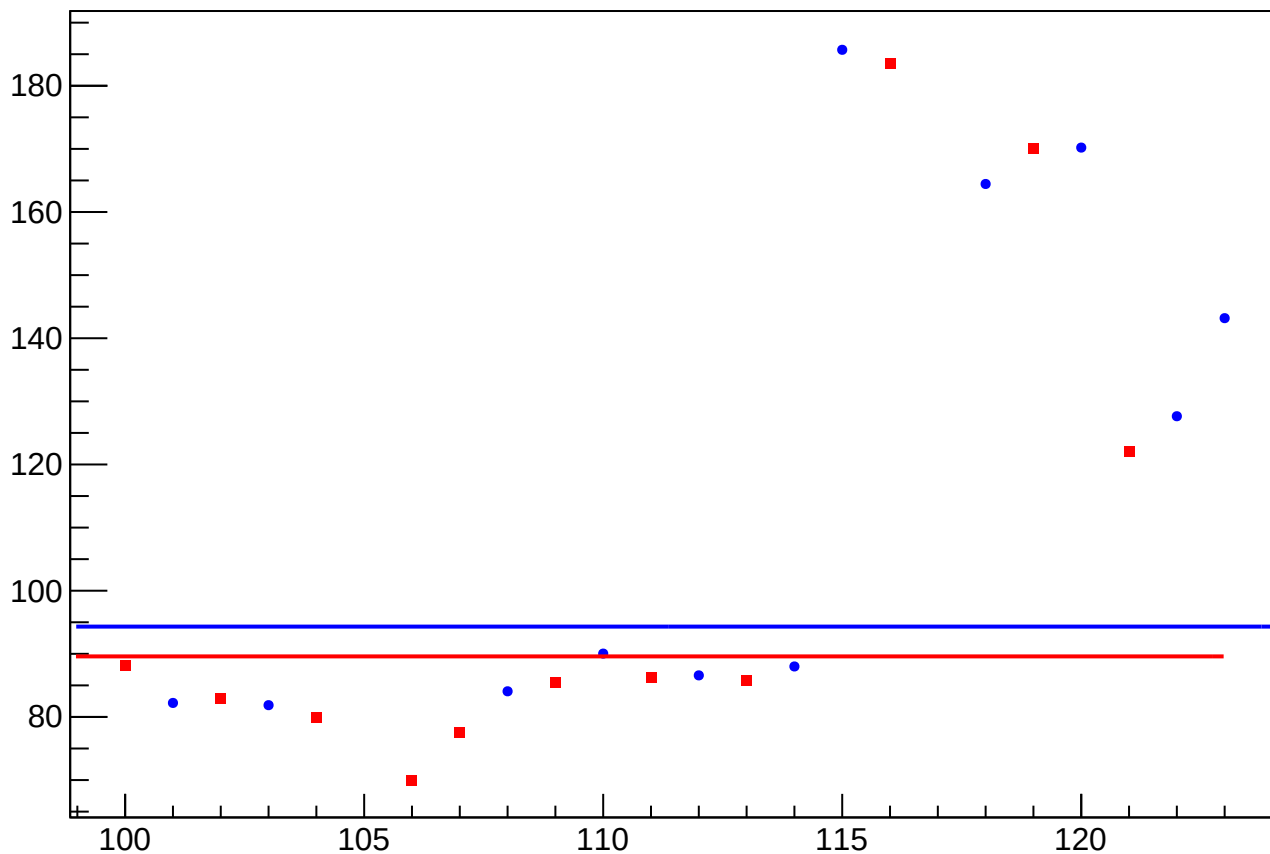
Right: 29.902 ± 32.199 χ^2/NDF : 29.9/21

In: -15.258 ± 48.092 χ^2/NDF : 14.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.902 ± 32.199 χ^2/NDF : 29.9/21

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.314+/-0.034 χ^2/NDF : 553043.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.593+/-0.031 χ^2/NDF : 588214.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

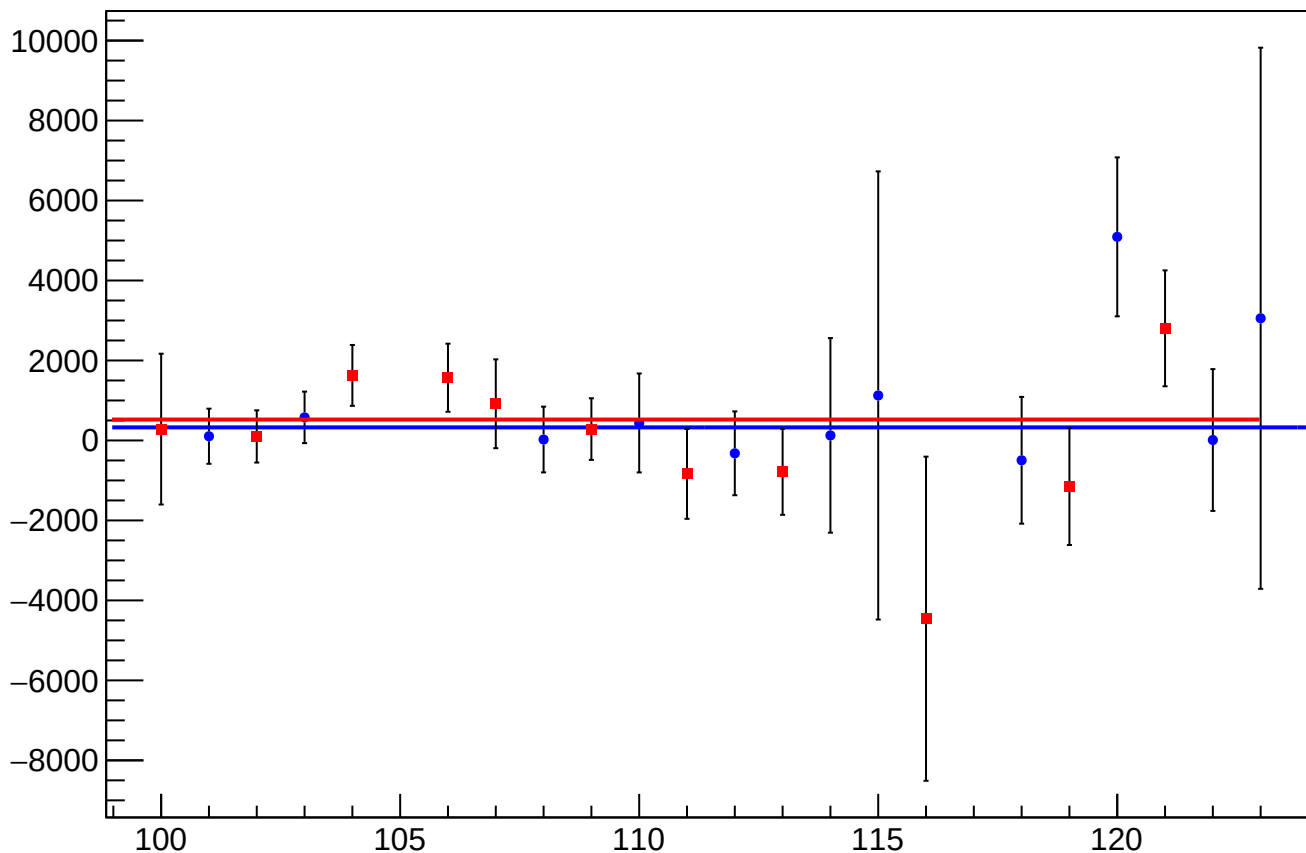
Right: 91.709+/-0.023 χ^2/NDF : 1151893.2/21

In: 94.314+/-0.034 χ^2/NDF : 553043.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.709+/-0.023 χ^2/NDF : 1151893.2/21

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 326.973+/-338.076 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 522.981+/-303.055 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

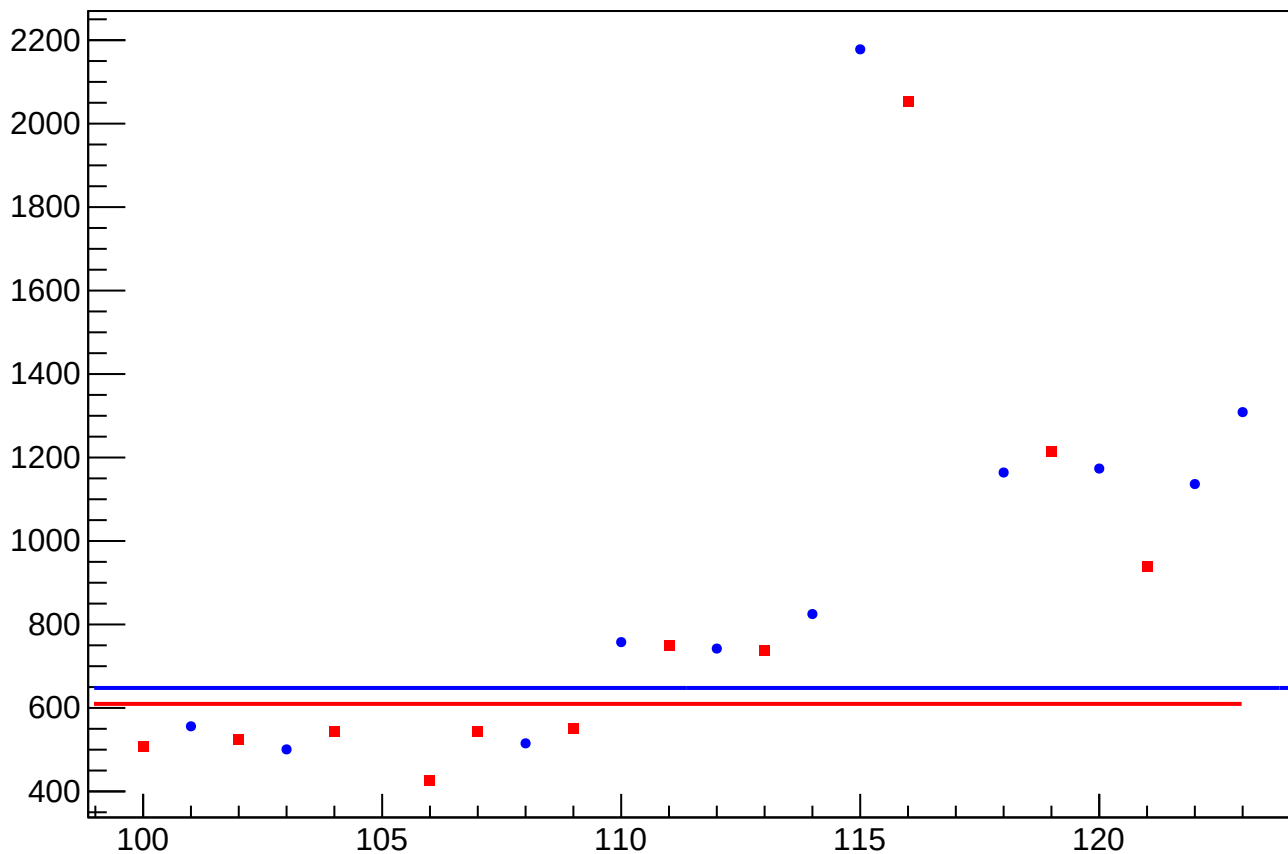
Right: 435.652+/-225.661 χ^2/NDF : 19.7/21

In: 326.973+/-338.076 χ^2/NDF :7.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 435.652+/-225.661 χ^2/NDF : 19.7/21

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 647.892+/-0.239 χ^2/NDF : 906641.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.702+/-0.214 χ^2/NDF : 922964.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

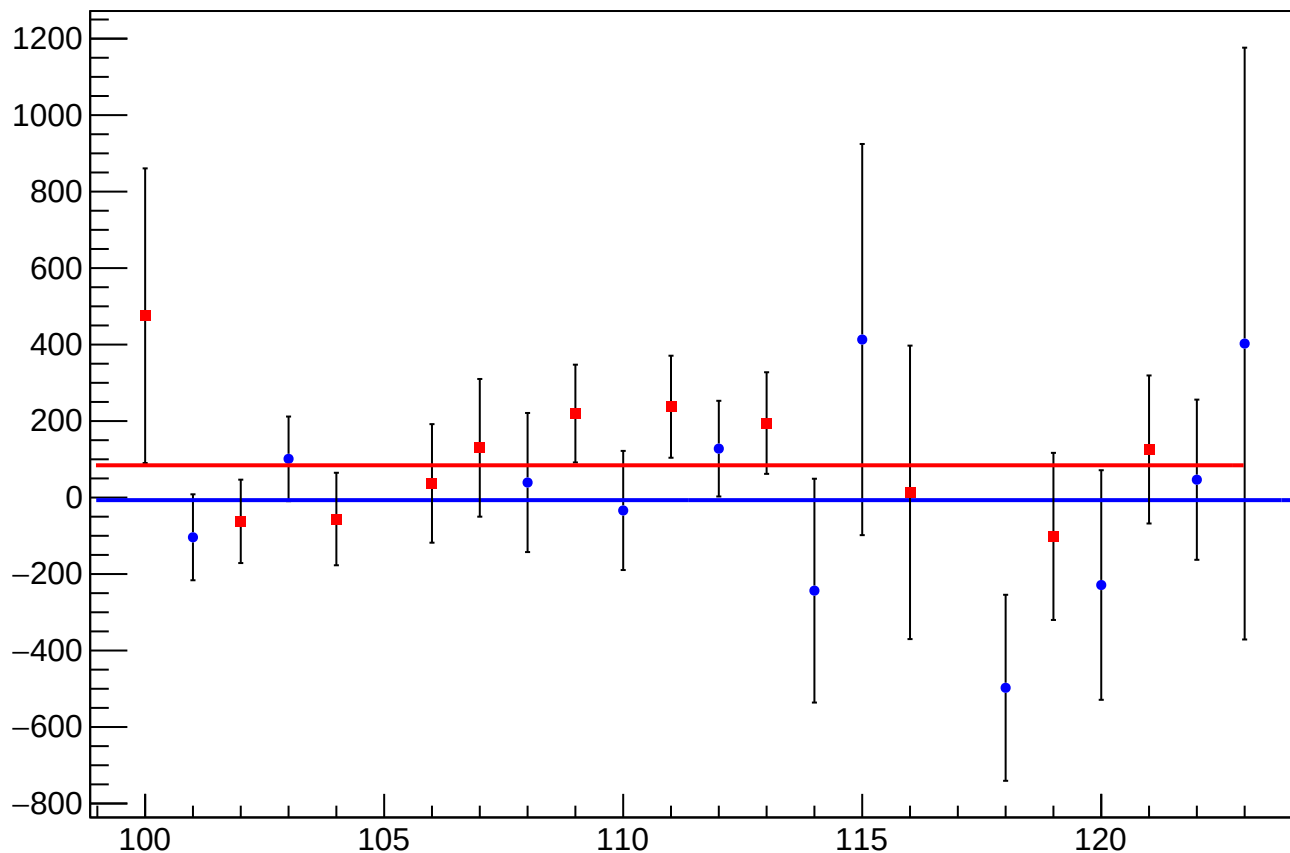
Right: 626.717+/-0.160 χ^2/NDF : 1843757.4/21

In: 647.892+/-0.239 χ^2/NDF : 906641.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.717+/-0.160 χ^2/NDF : 1843757.4/21

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -6.751+/-52.396 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.366+/-46.614 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

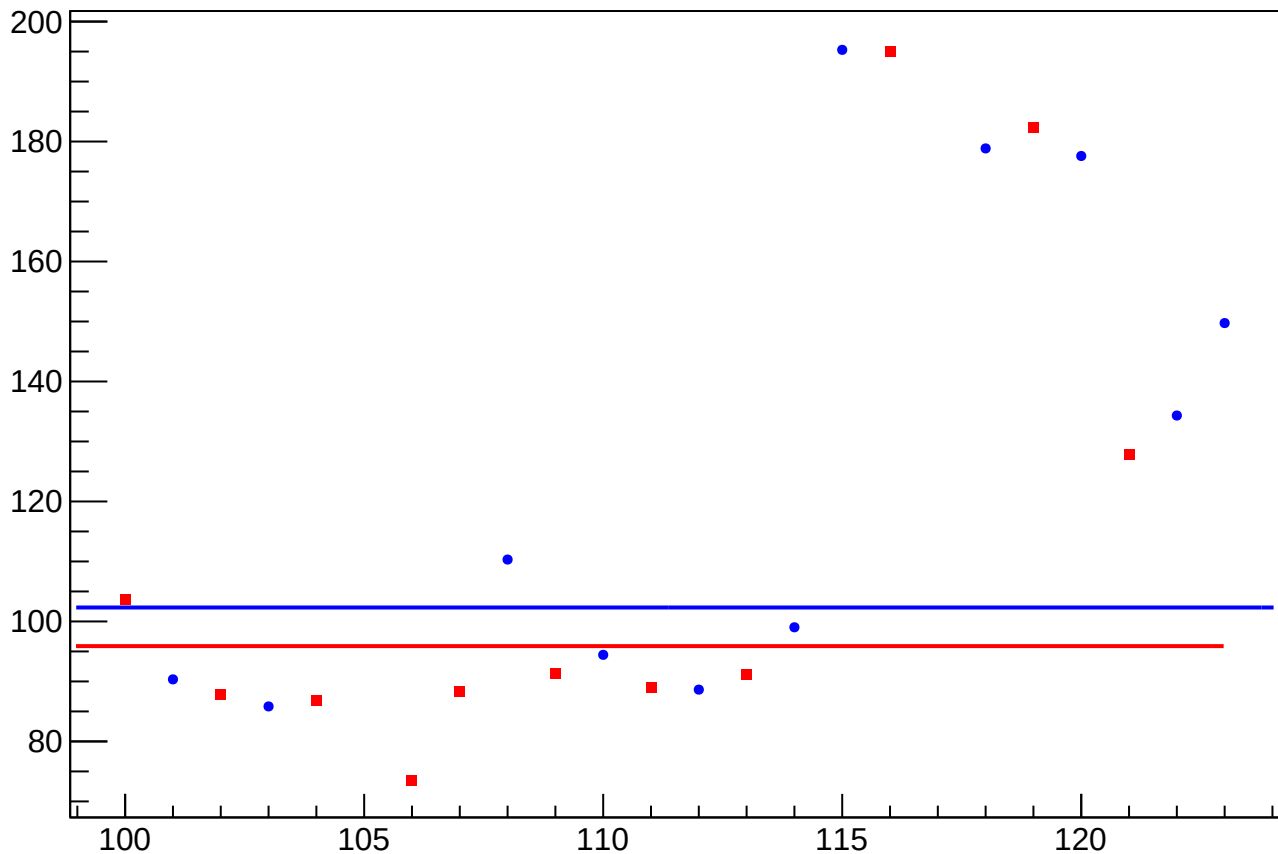
Right: 44.111+/-34.827 χ^2/NDF : 19.2/21

In: -6.751+/-52.396 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.111+/-34.827 χ^2/NDF : 19.2/21

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.326+/-0.037 χ^2/NDF : 544459.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.888+/-0.033 χ^2/NDF : 578770.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

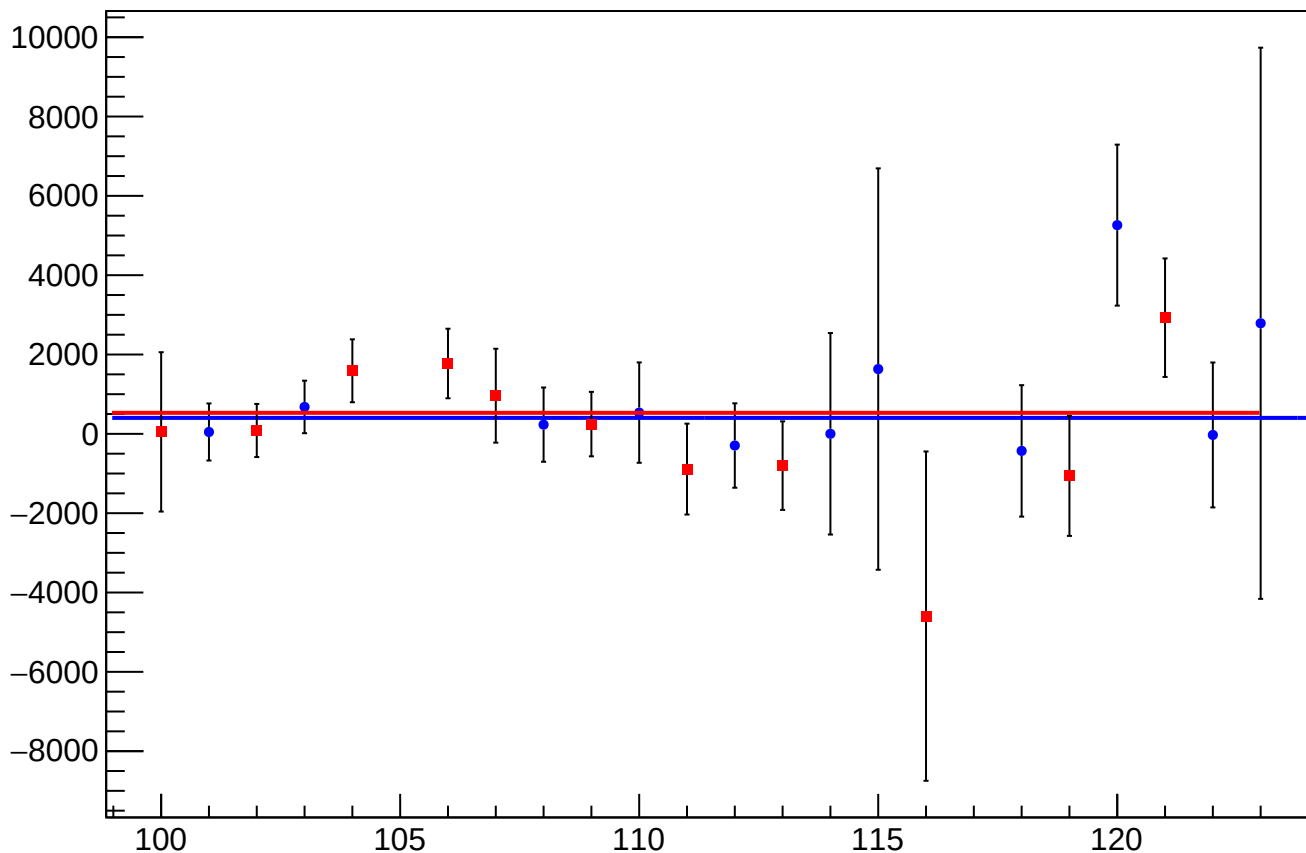
Right: 98.732+/-0.025 χ^2/NDF : 1140083.1/21

In: 102.326+/-0.037 χ^2/NDF : 544459.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.732+/-0.025 χ^2/NDF : 1140083.1/21

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.394+/-353.899 χ^2 /NDF: 7.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 530.163+/-314.583 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

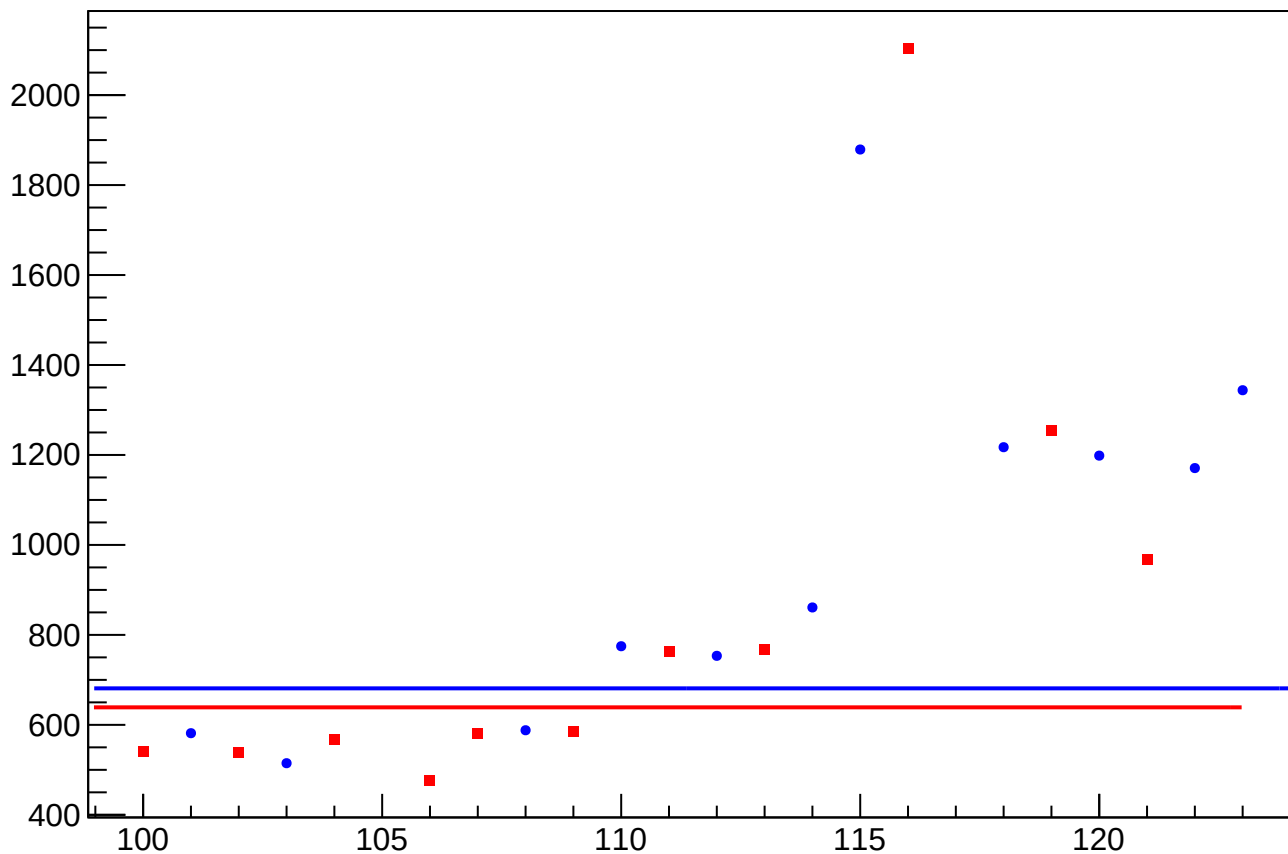
Right: 473.767+/-235.120 χ^2 /NDF: 19.9/21

In: 402.394+/-353.899 χ^2 /NDF:7.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 473.767+/-235.120 χ^2 /NDF: 19.9/21

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 681.148+/-0.250 χ^2/NDF : 828080.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.926+/-0.222 χ^2/NDF : 877106.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

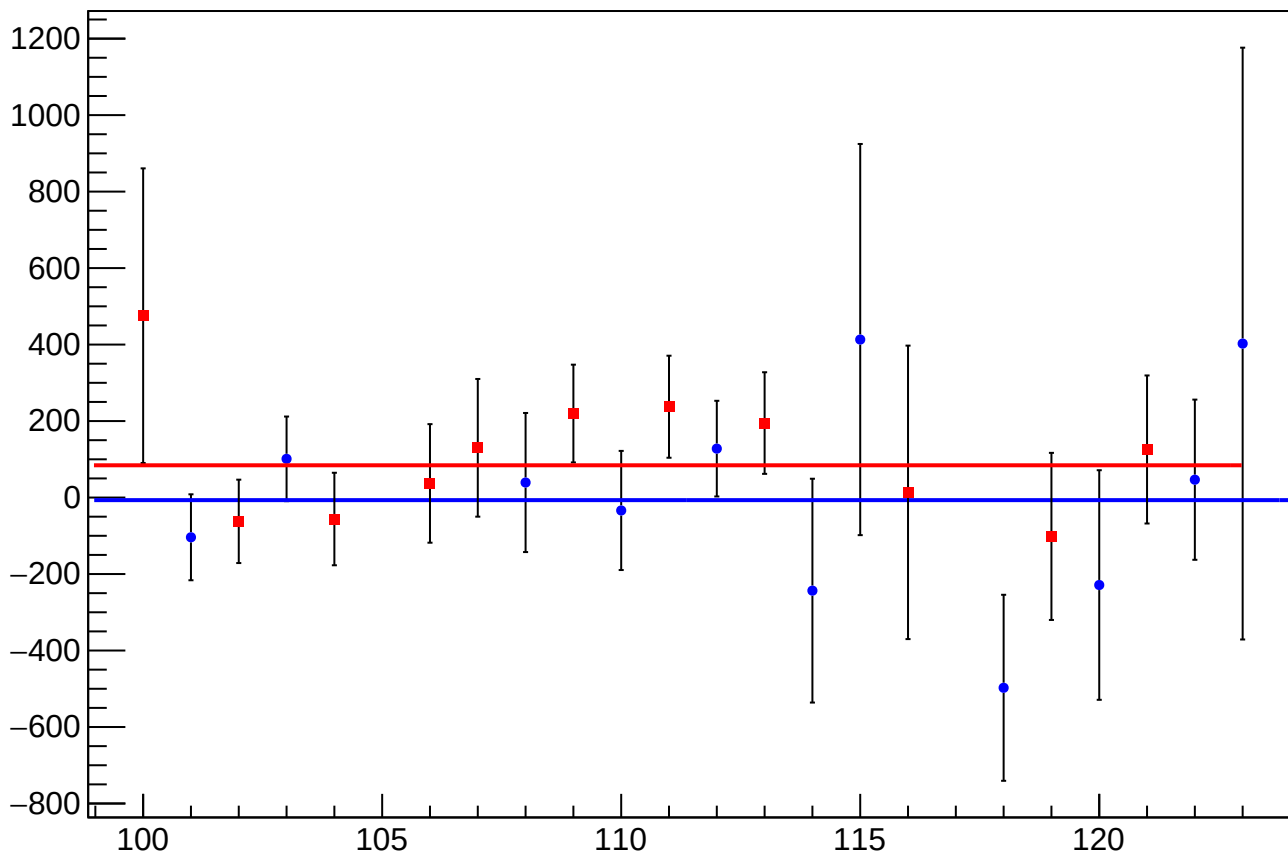
Right: 657.563+/-0.166 χ^2/NDF : 1721089.7/21

In: 681.148+/-0.250 χ^2/NDF : 828080.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.563+/-0.166 χ^2/NDF : 1721089.7/21

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -6.752+/-52.396 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.366+/-46.614 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

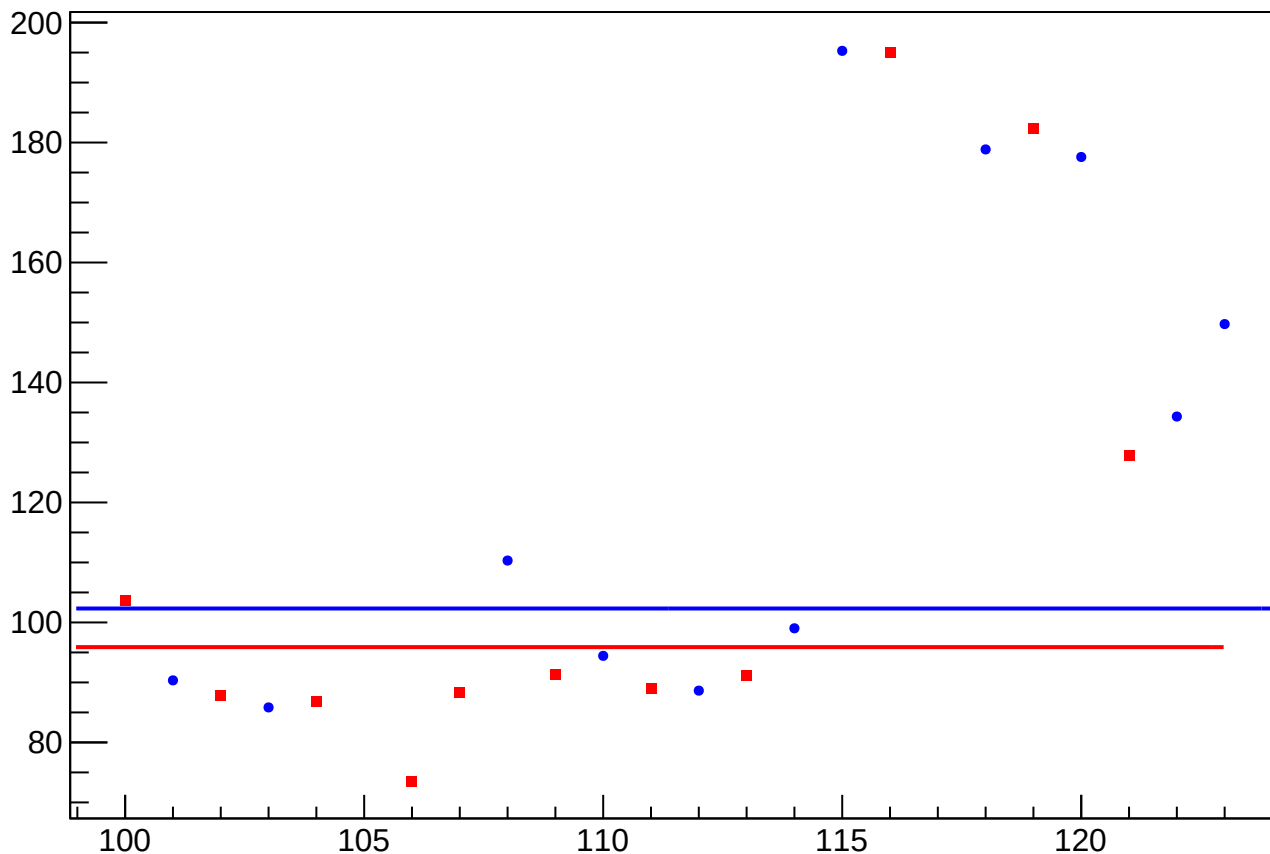
Right: 44.110+/-34.827 χ^2/NDF : 19.2/21

In: -6.752+/-52.396 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.110+/-34.827 χ^2/NDF : 19.2/21

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.325+/-0.037 χ^2/NDF : 544460.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.888+/-0.033 χ^2/NDF : 578769.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

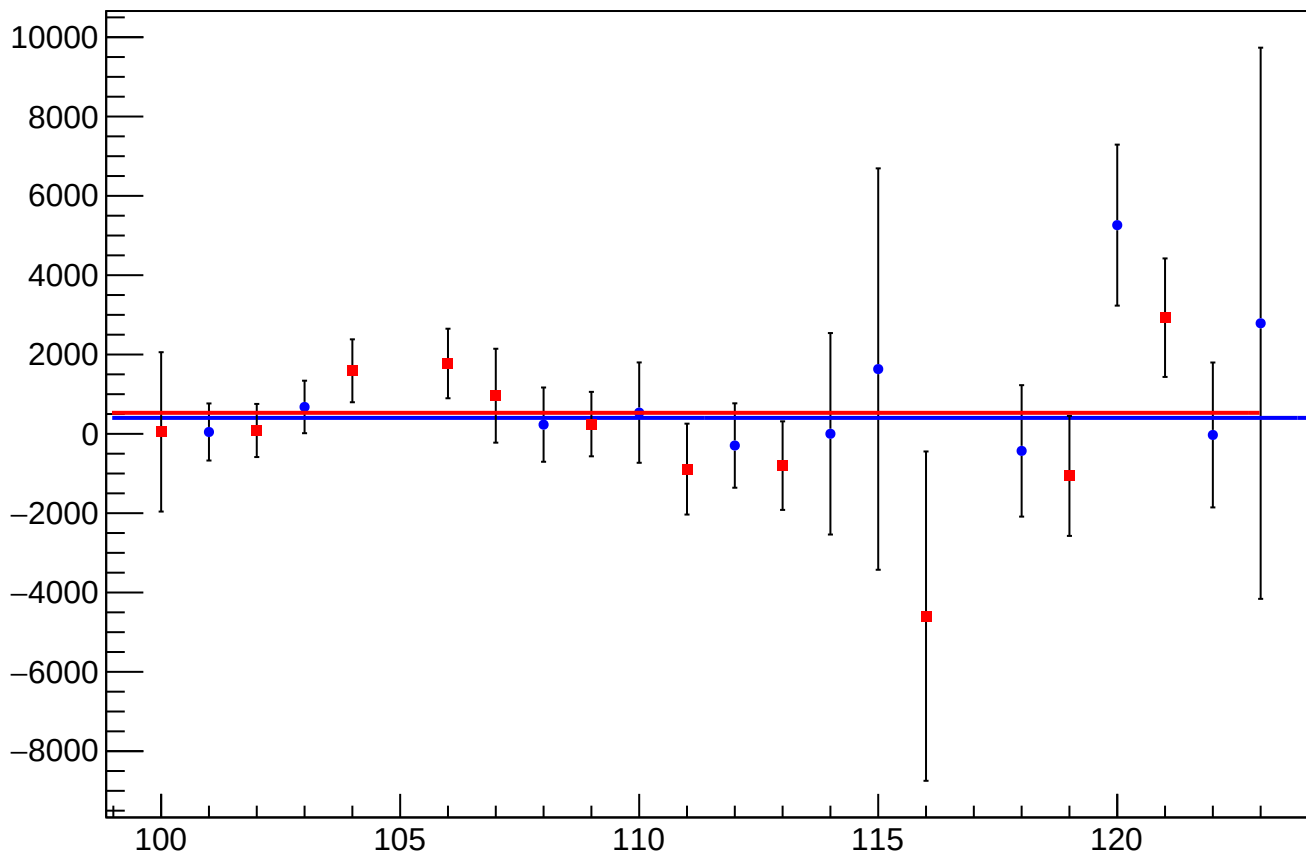
Right: 98.732+/-0.025 χ^2/NDF : 1140082.1/21

In: 102.325+/-0.037 χ^2/NDF : 544460.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.732+/-0.025 χ^2/NDF : 1140082.1/21

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.393+/-353.899 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.163+/-314.583 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

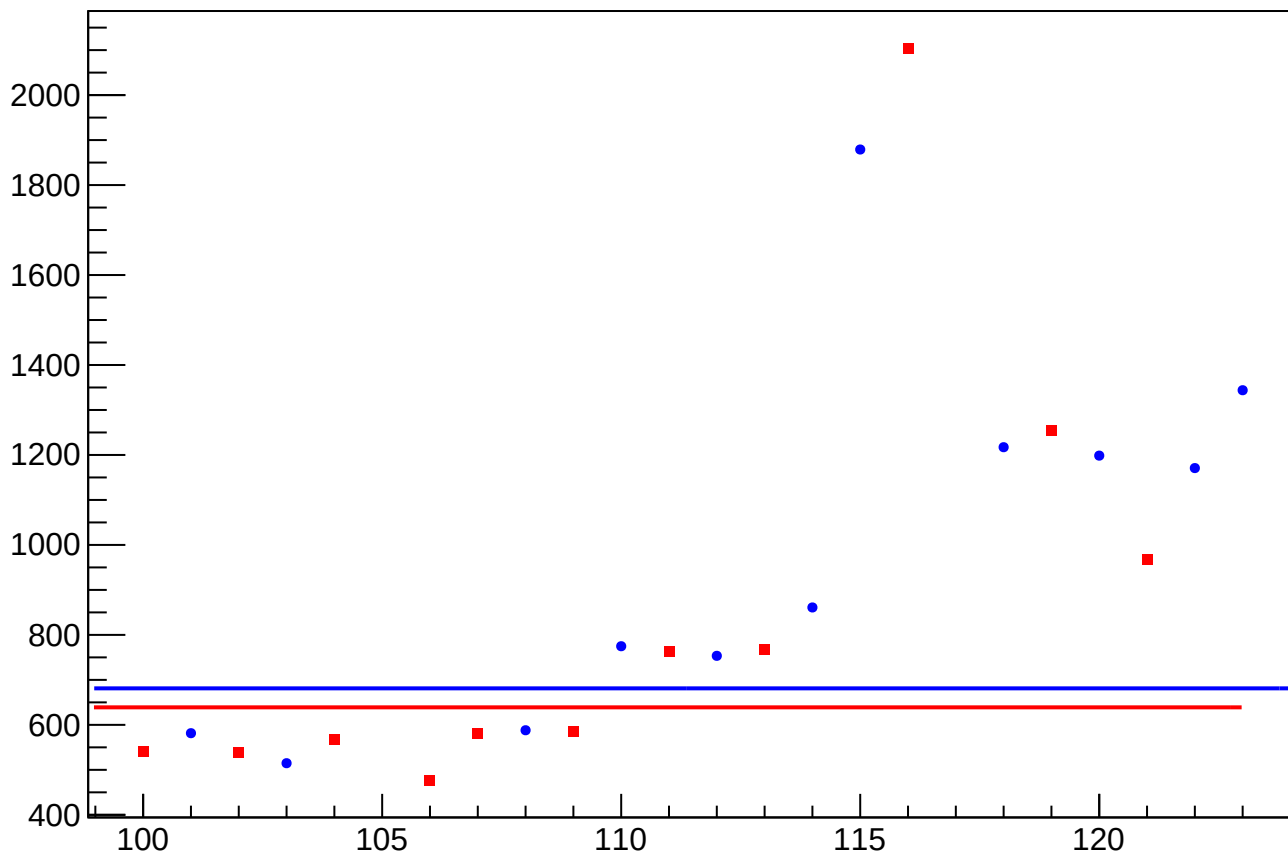
Right: 473.766+/-235.120 χ^2/NDF : 19.9/21

In: 402.393+/-353.899 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.766+/-235.120 χ^2/NDF : 19.9/21

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 681.148+/-0.250 χ^2/NDF : 828080.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.925+/-0.222 χ^2/NDF : 877104.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

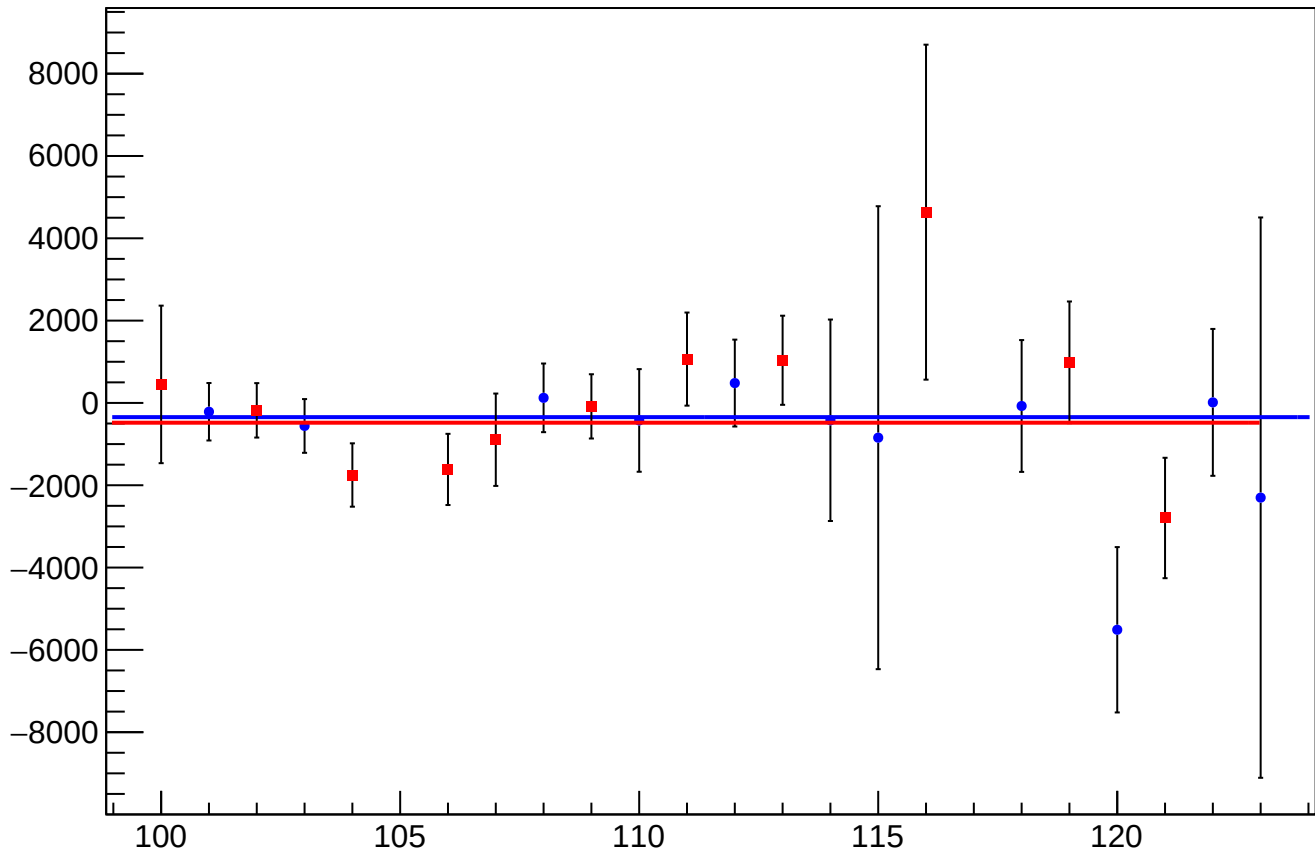
Right: 657.562+/-0.166 χ^2/NDF : 1721087.2/21

In: 681.148+/-0.250 χ^2/NDF : 828080.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.562+/-0.166 χ^2/NDF : 1721087.2/21

asym_sam5_mean vs Slug, Sign Corrected



Right In: -345.286+/-342.037 χ^2 /NDF: 7.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -480.327+/-306.580 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

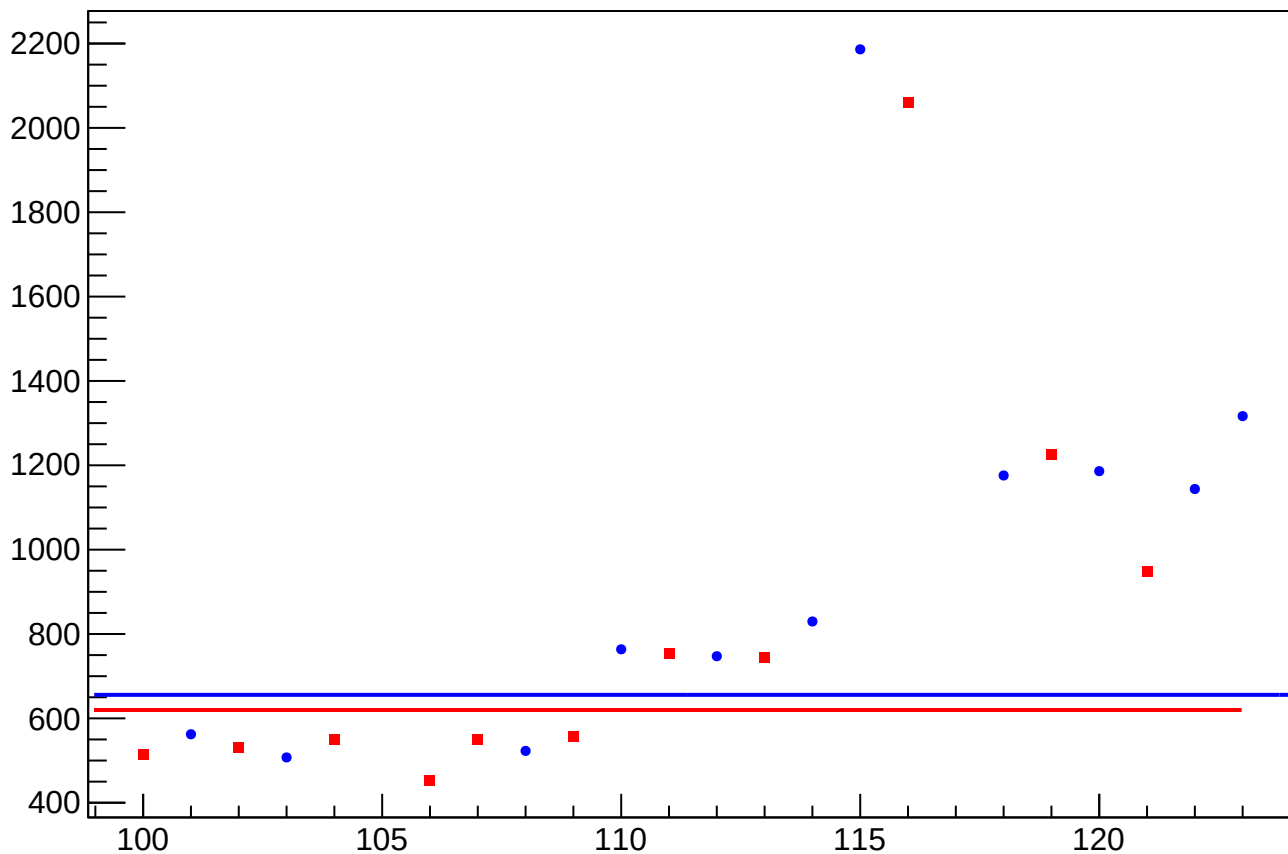
Right: -420.166+/-228.294 χ^2 /NDF: 22.1/21

In: -345.286+/-342.037 χ^2 /NDF:7.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -420.166+/-228.294 χ^2 /NDF: 22.1/21

asym_sam5_rms vs Slug, Sign Corrected



Right In: 655.777+/-0.242 χ^2/NDF : 897083.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.827+/-0.217 χ^2/NDF : 895165.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

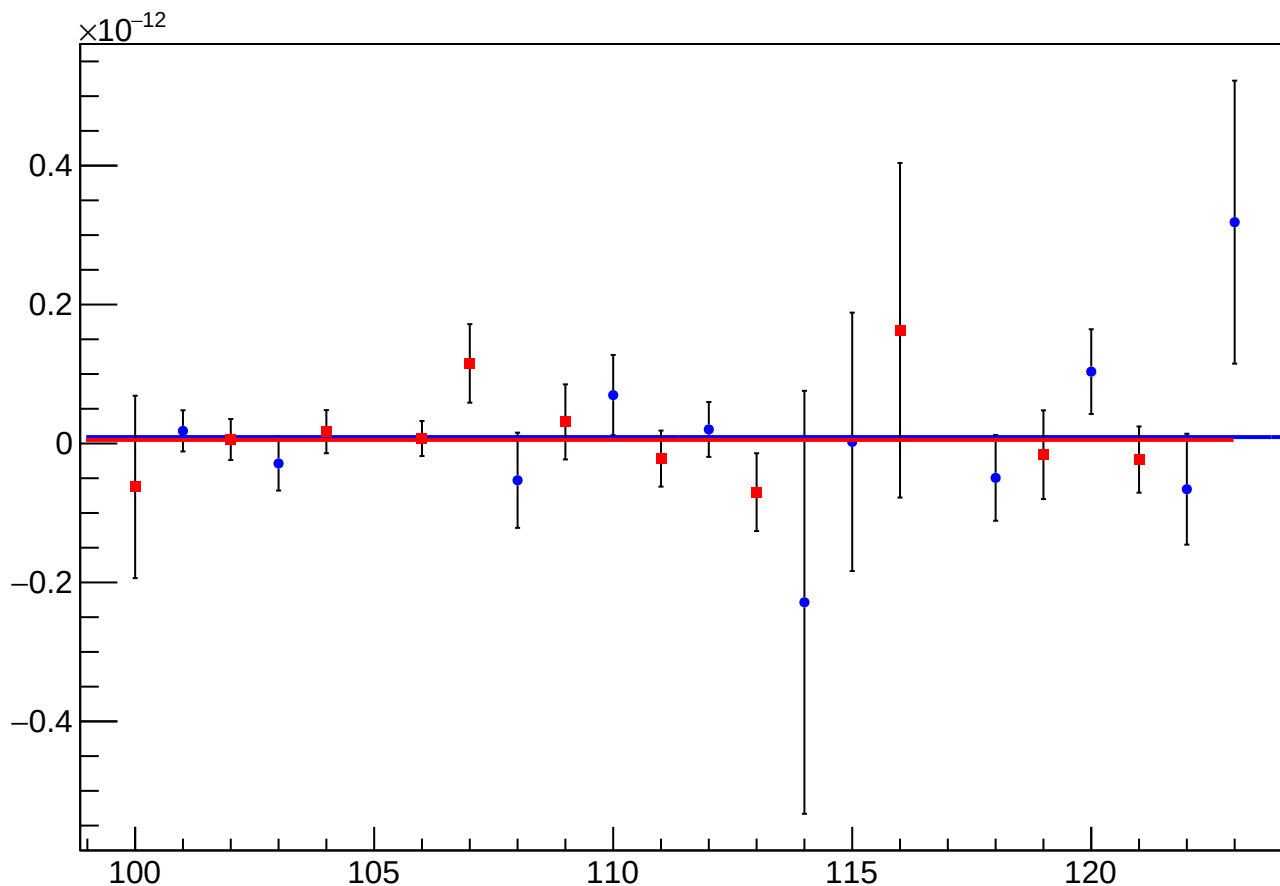
Right: 635.842+/-0.161 χ^2/NDF : 1804500.5/21

In: 655.777+/-0.242 χ^2/NDF : 897083.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.842+/-0.161 χ^2/NDF : 1804500.5/21

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.1/10

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

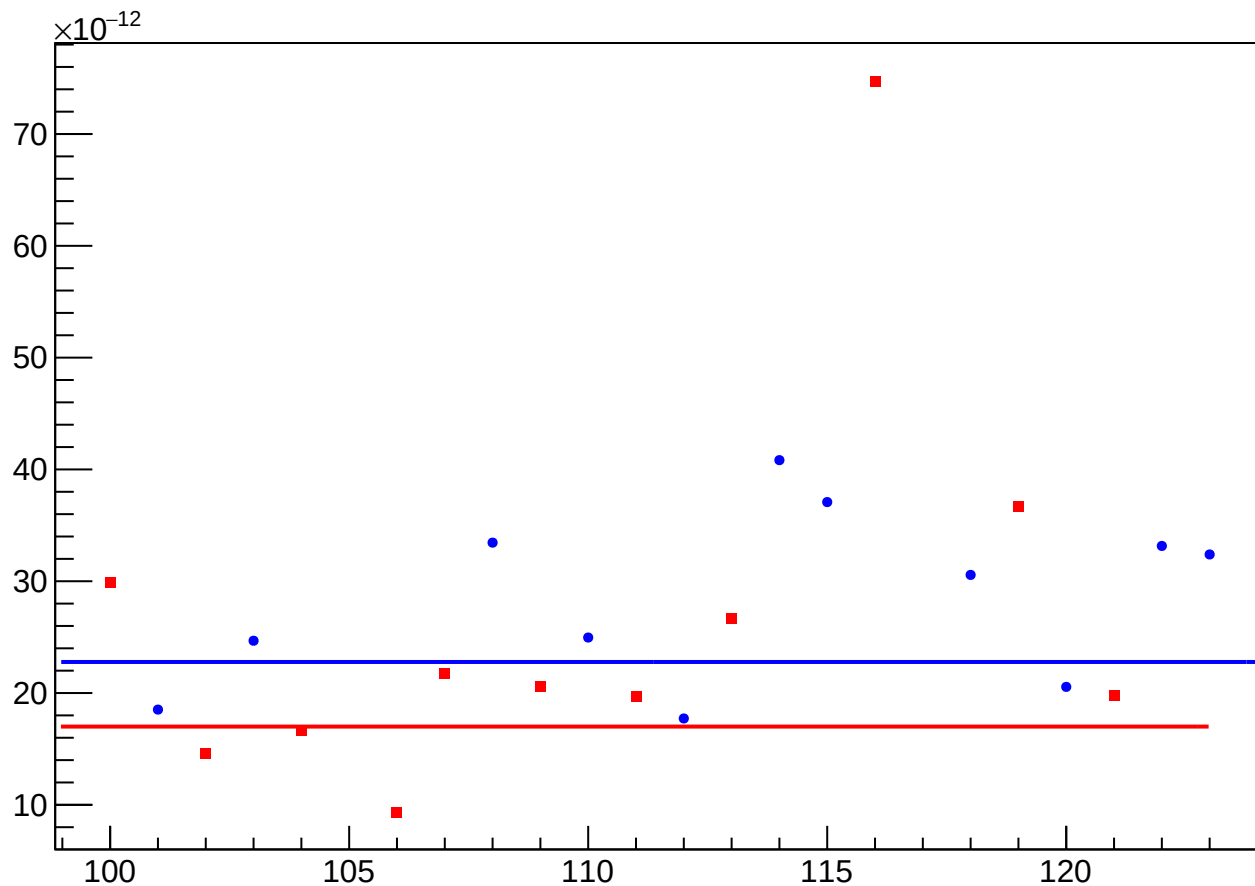
Right: 0.000+/-0.000 χ^2/NDF : 17.7/21

In: 0.000+/-0.000 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/21

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 221859.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 621693.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

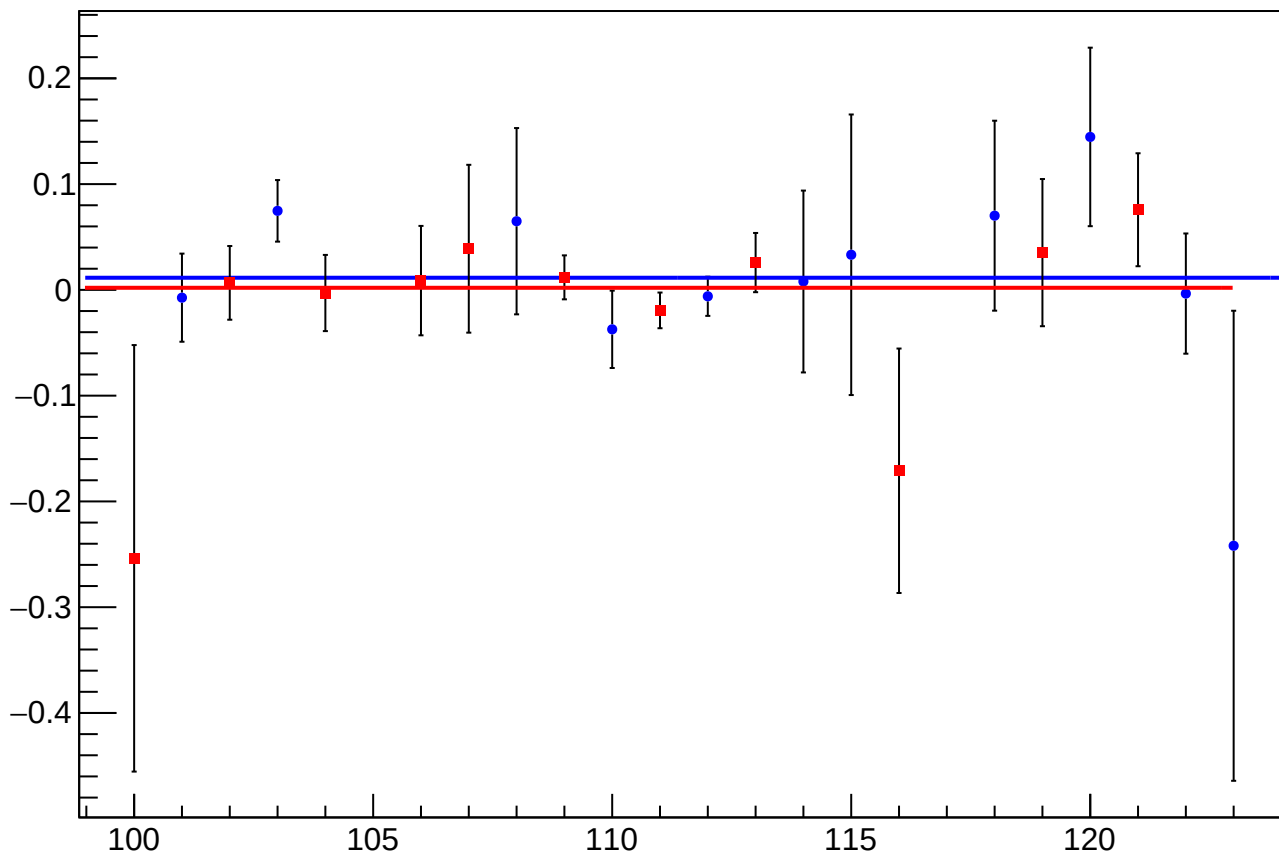
Right: 0.000+/-0.000 χ^2/NDF : 997437.3/21

In: 0.000+/-0.000 χ^2/NDF : 221859.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 997437.3/21

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 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

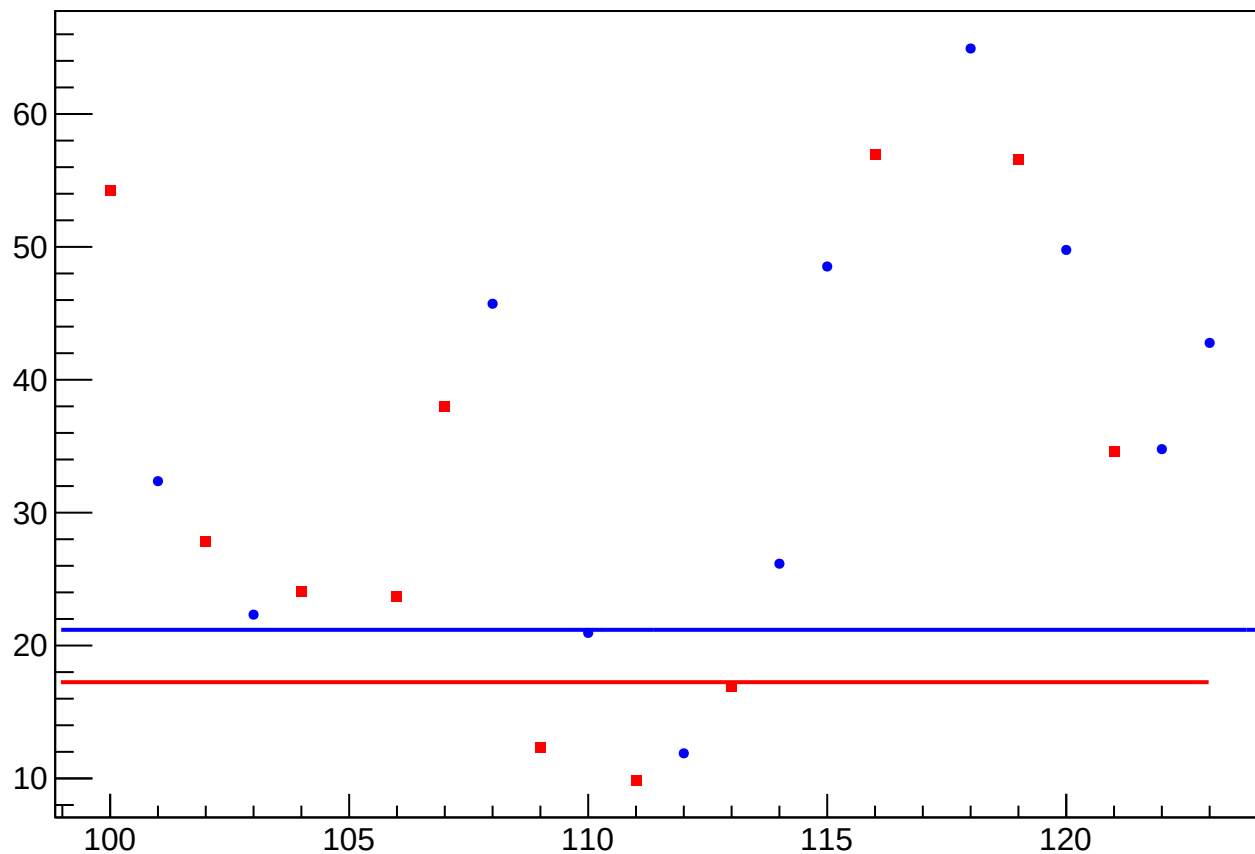
Right: 0.006+/-0.008 χ^2/NDF : 21.4/21

In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 21.4/21

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.183+/-0.009 χ^2/NDF : 1735923.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.243+/-0.007 χ^2/NDF : 2075713.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

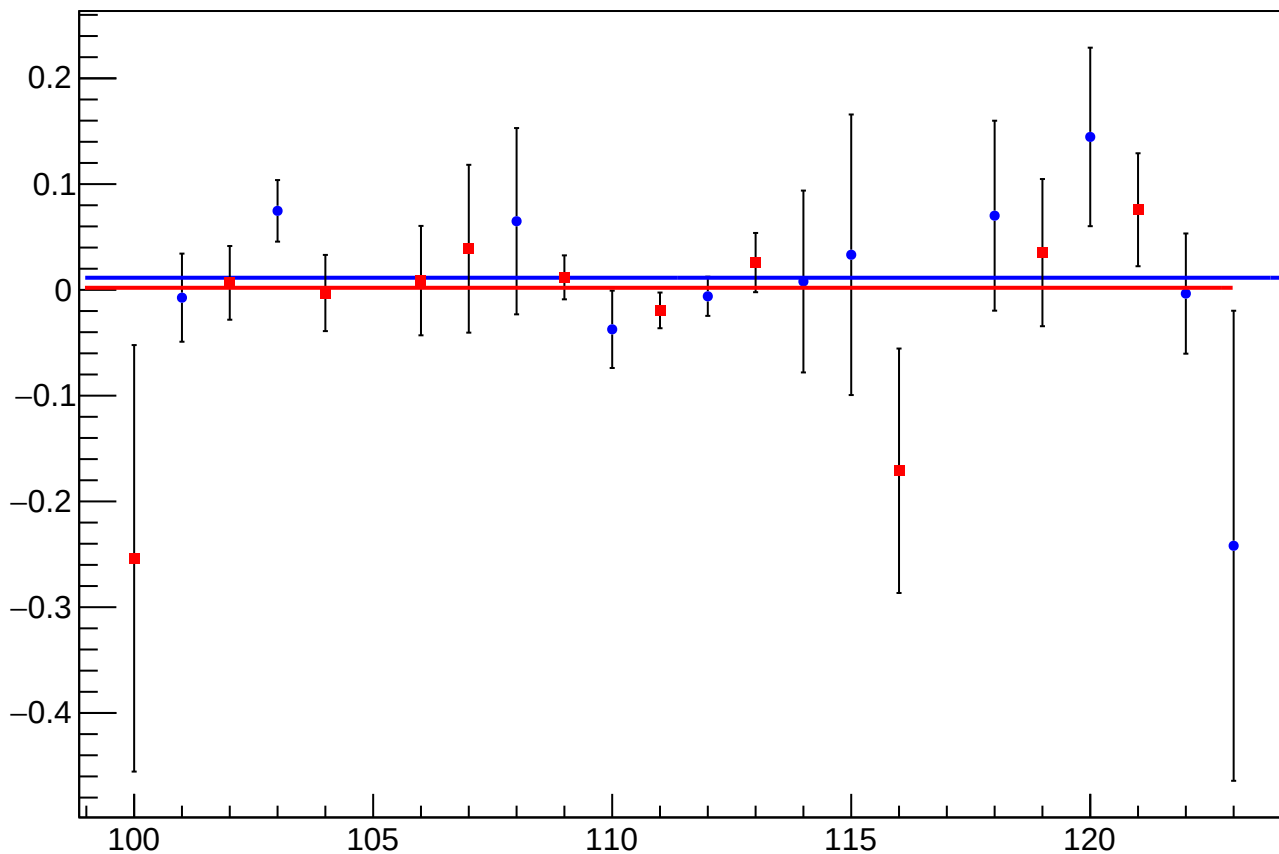
Right: 18.781+/-0.006 χ^2/NDF : 3931554.4/21

In: 21.183+/-0.009 χ^2/NDF : 1735923.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.781+/-0.006 χ^2/NDF : 3931554.4/21

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 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

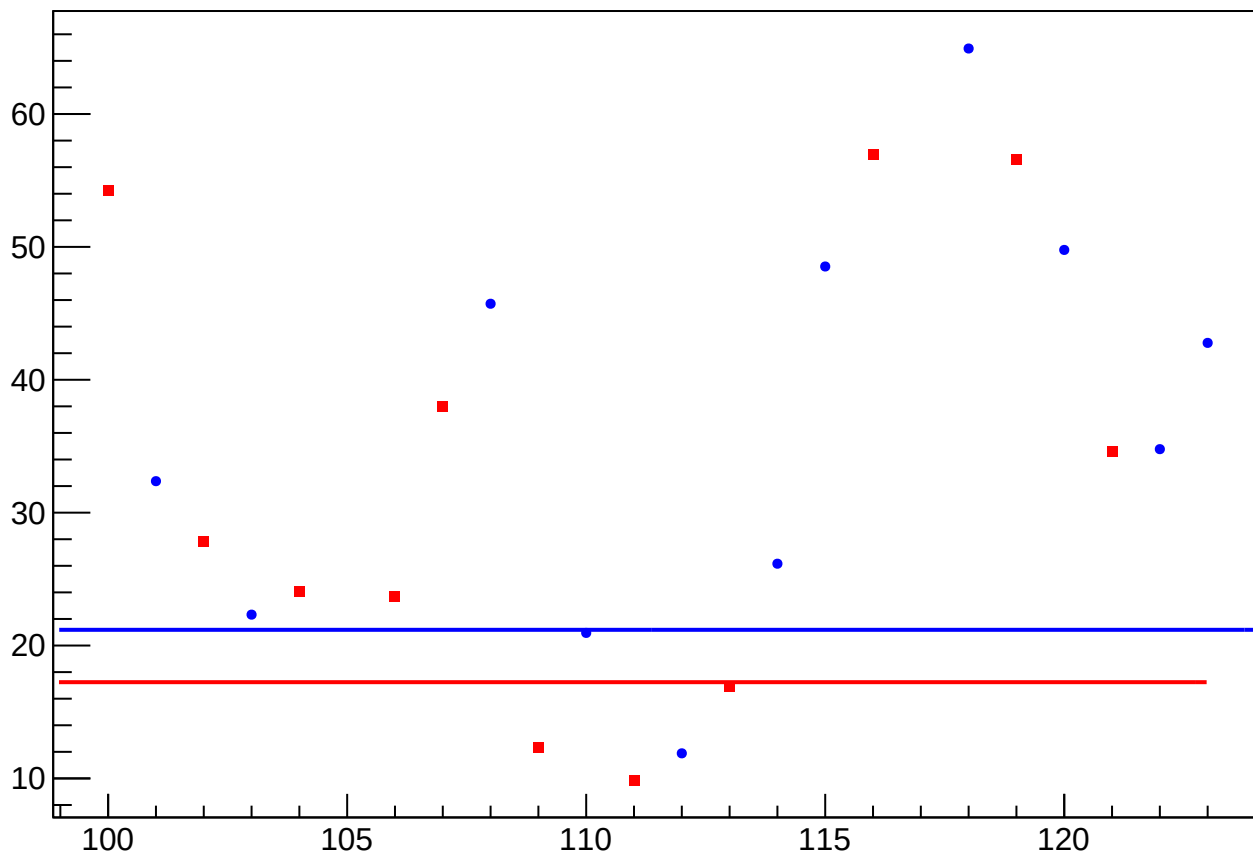
Right: 0.006+/-0.008 χ^2/NDF : 21.4/21

In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 21.4/21

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.183+/-0.009 χ^2/NDF : 1735923.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.243+/-0.007 χ^2/NDF : 2075713.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

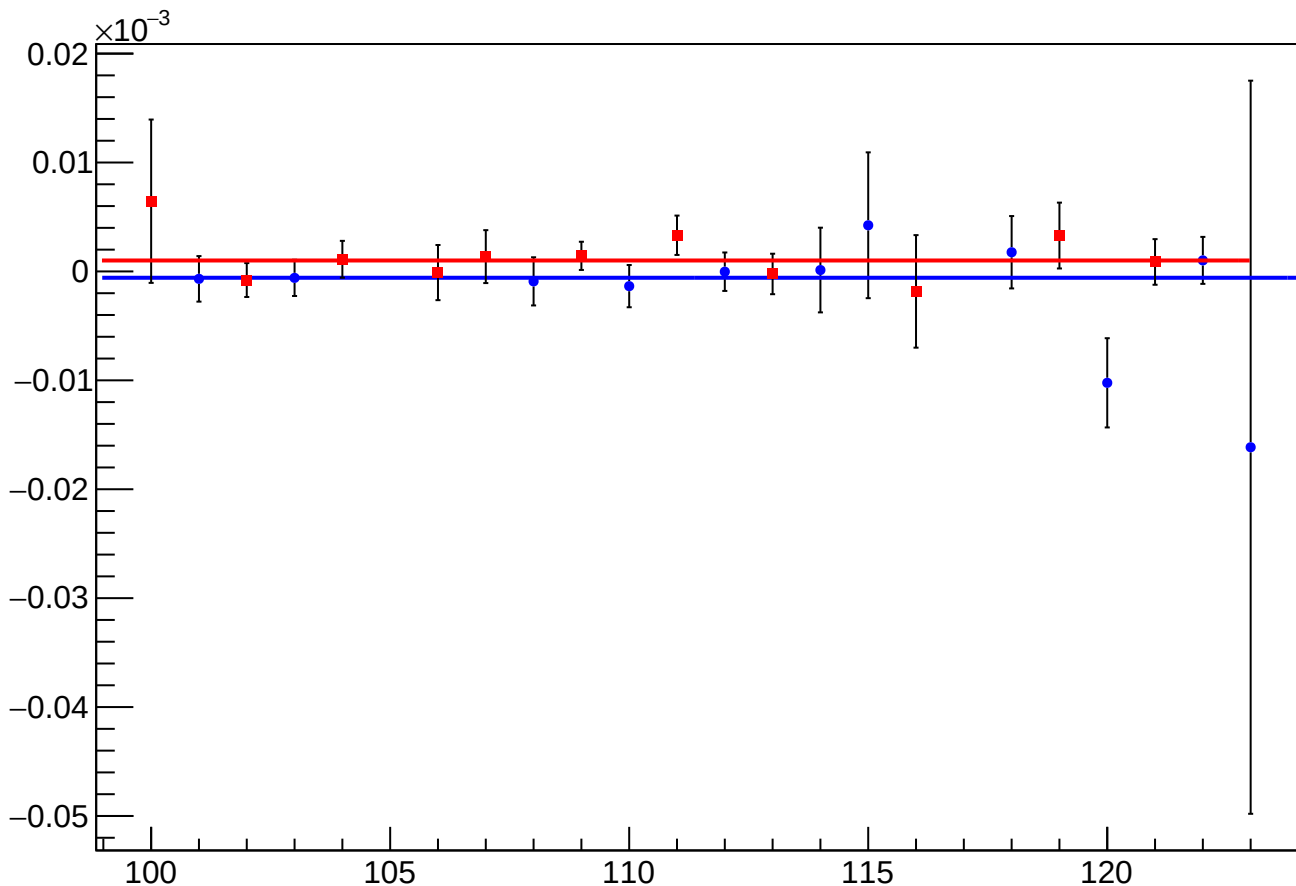
Right: 18.781+/-0.006 χ^2/NDF : 3931554.4/21

In: 21.183+/-0.009 χ^2/NDF : 1735923.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.781+/-0.006 χ^2/NDF : 3931554.4/21

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/10

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

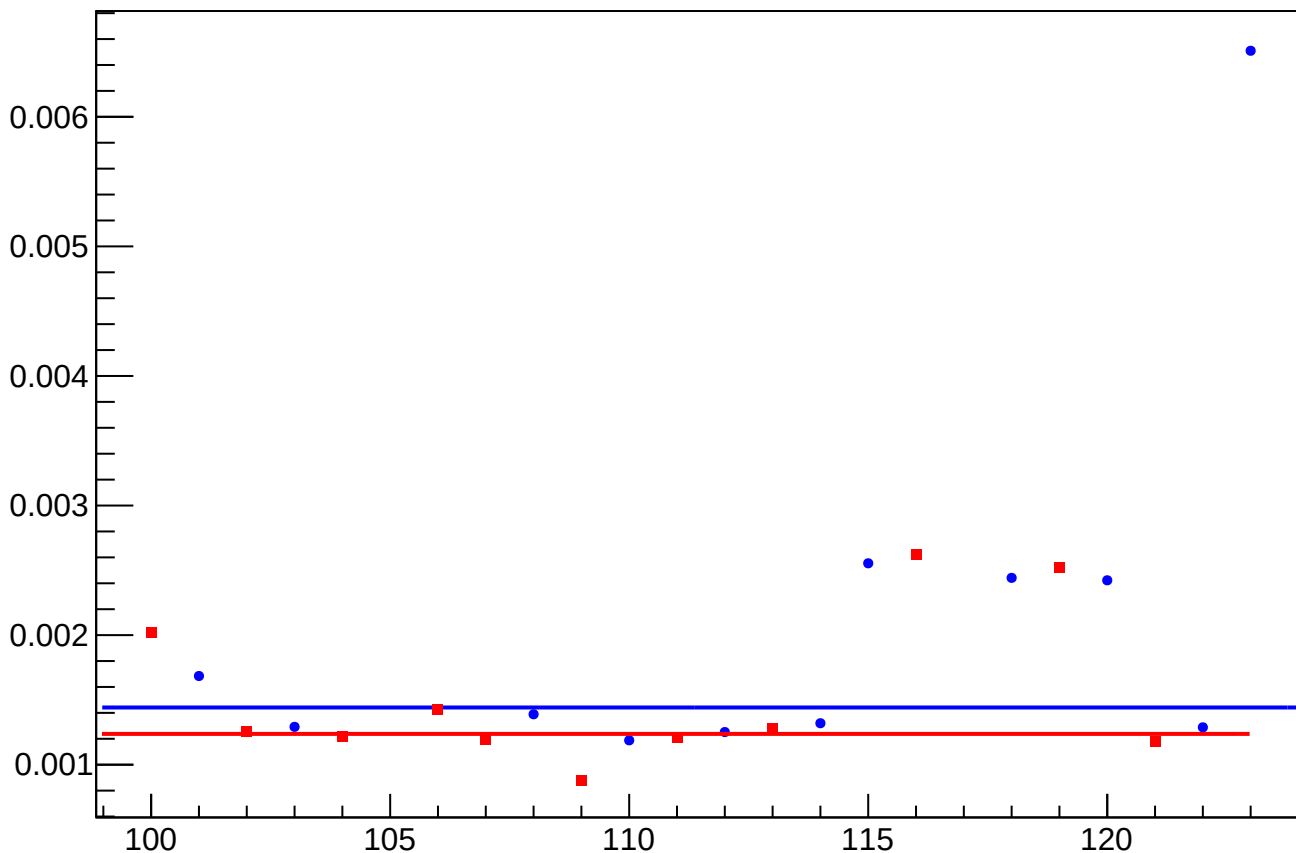
Right: 0.000+/-0.000 χ^2/NDF : 15.5/21

In: -0.000+/-0.000 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.5/21

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 510304.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 698106.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

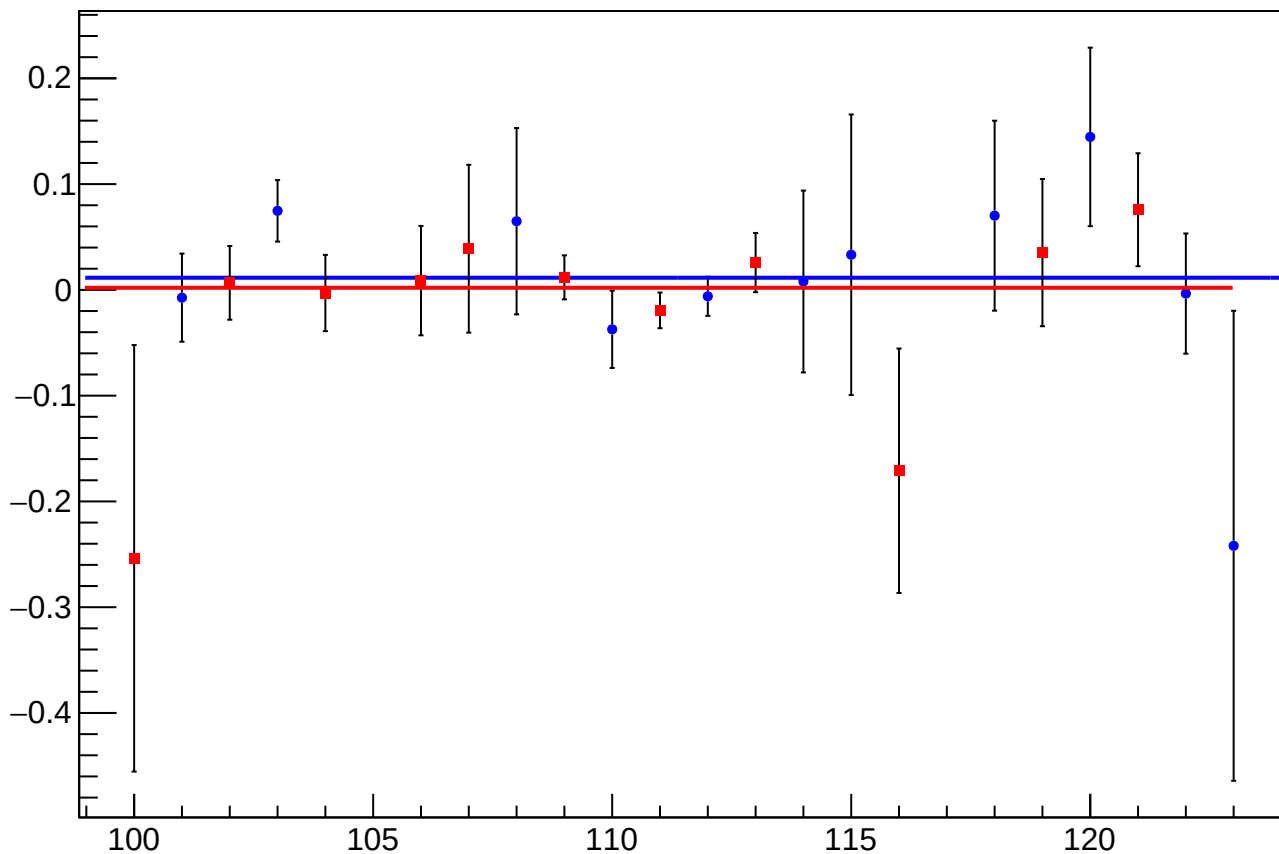
Right: 0.001+/-0.000 χ^2/NDF : 1298837.6/21

In: 0.001+/-0.000 χ^2/NDF :510304.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1298837.6/21

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 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

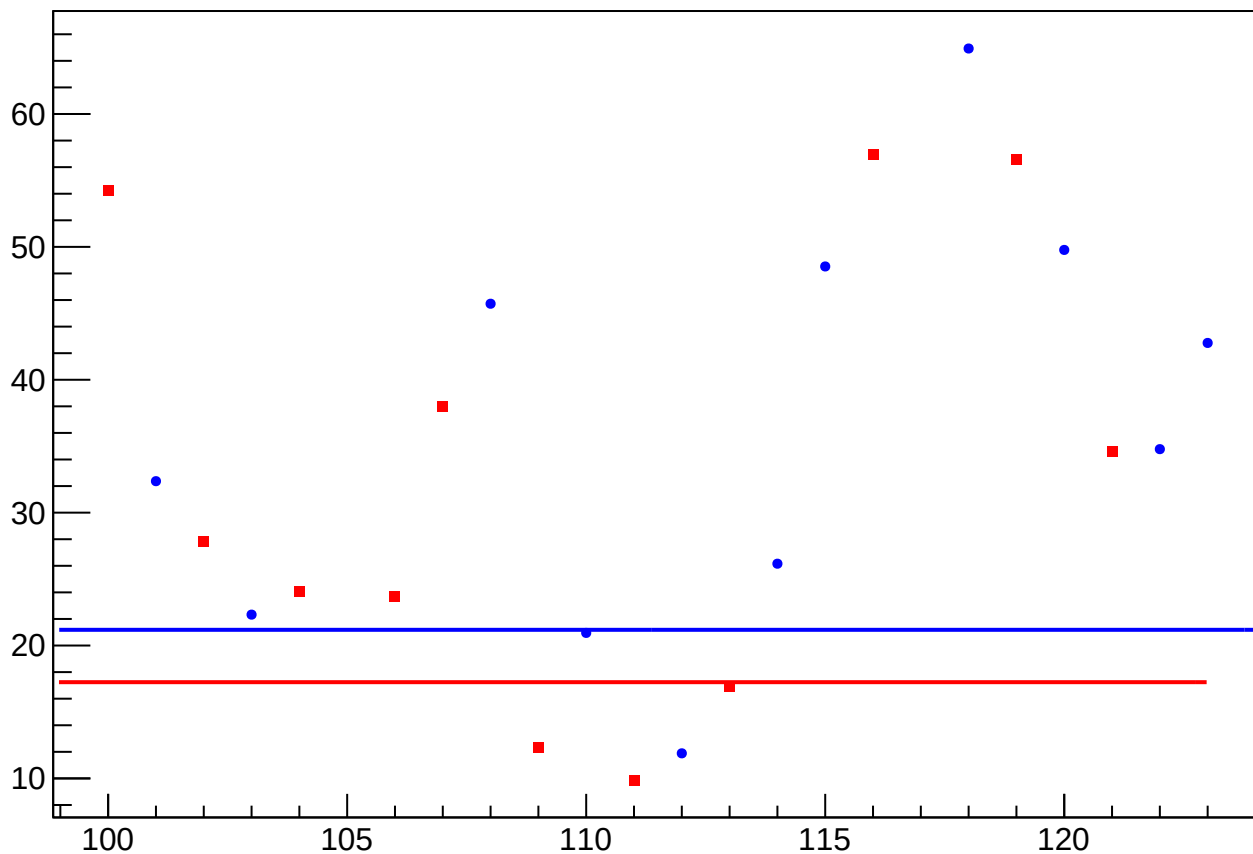
Right: 0.006+/-0.008 χ^2/NDF : 21.4/21

In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 21.4/21

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.183+/-0.009 χ^2/NDF : 1735913.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.242+/-0.007 χ^2/NDF : 2075753.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

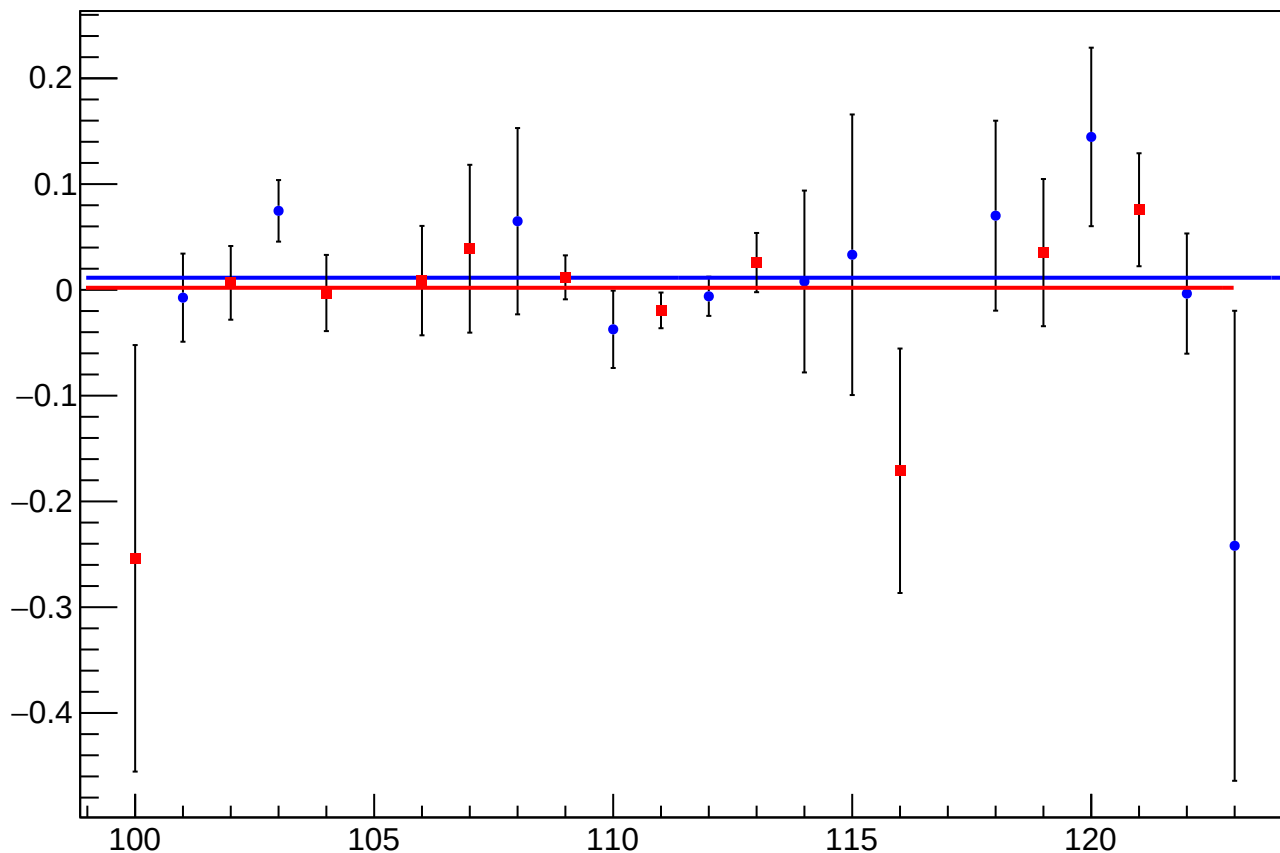
Right: 18.781+/-0.006 χ^2/NDF : 3931595.7/21

In: 21.183+/-0.009 χ^2/NDF : 1735913.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.781+/-0.006 χ^2/NDF : 3931595.7/21

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.010 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

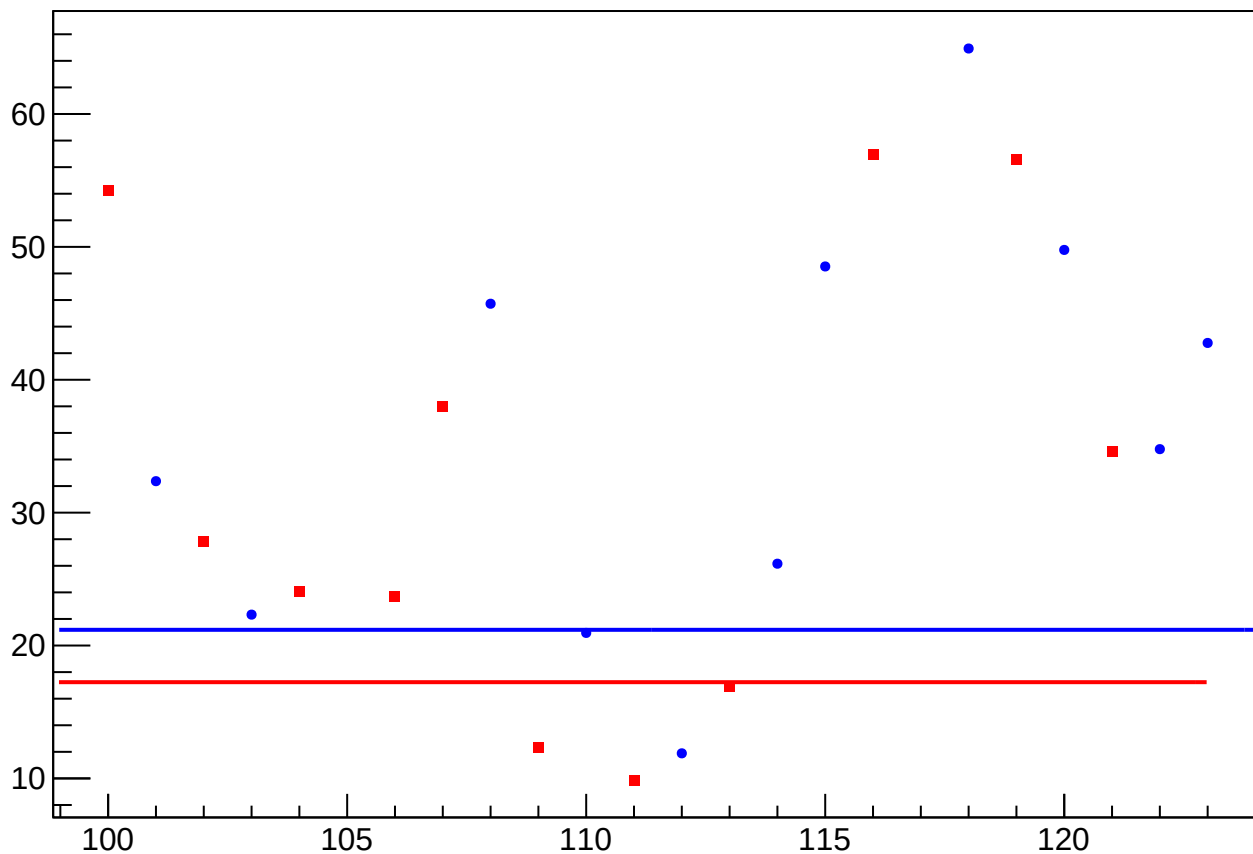
Right: 0.006+/-0.008 χ^2/NDF : 21.4/21

In: 0.011+/-0.013 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 21.4/21

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.183+/-0.009 χ^2/NDF : 1735913.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.242+/-0.007 χ^2/NDF : 2075753.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

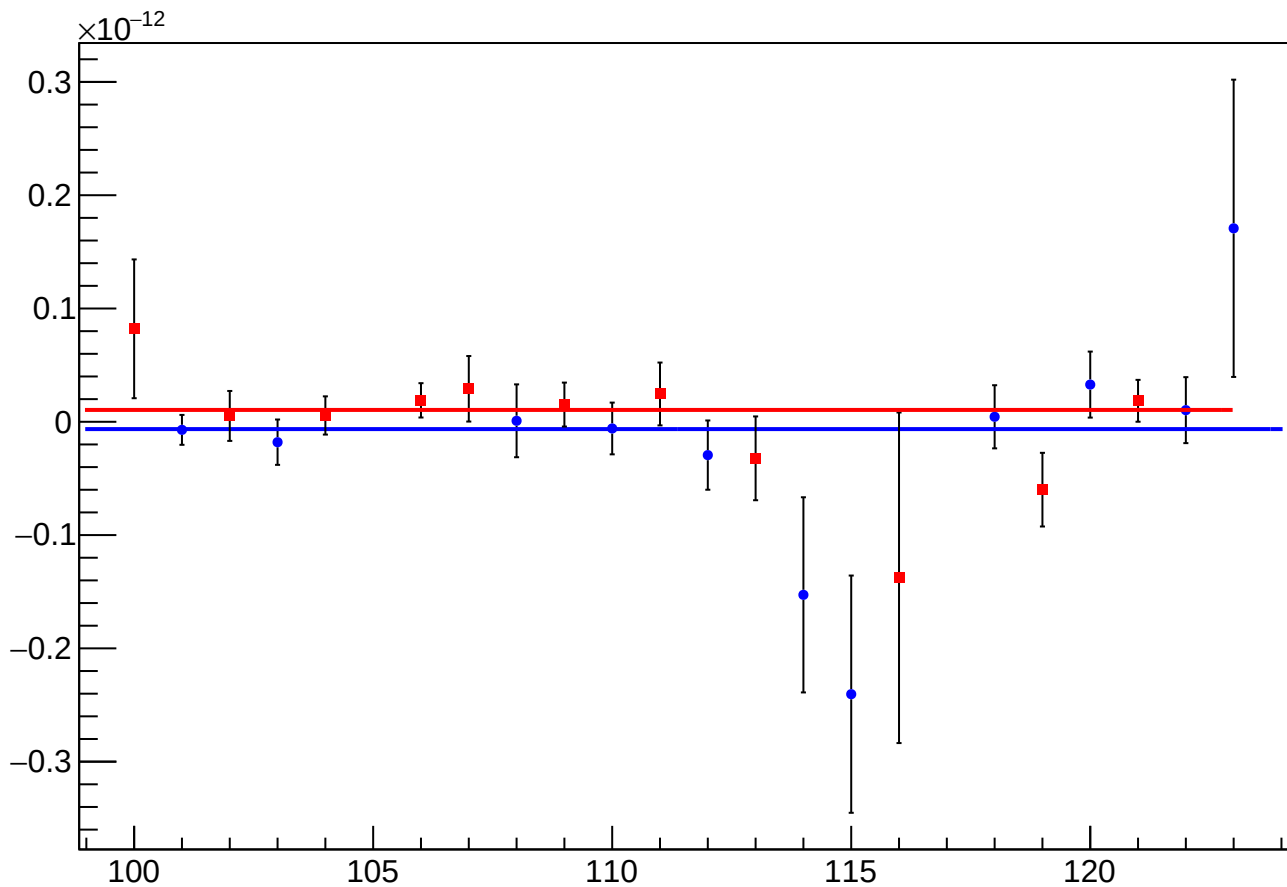
Right: 18.781+/-0.006 χ^2/NDF : 3931595.7/21

In: 21.183+/-0.009 χ^2/NDF : 1735913.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.781+/-0.006 χ^2/NDF : 3931595.7/21

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/10

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

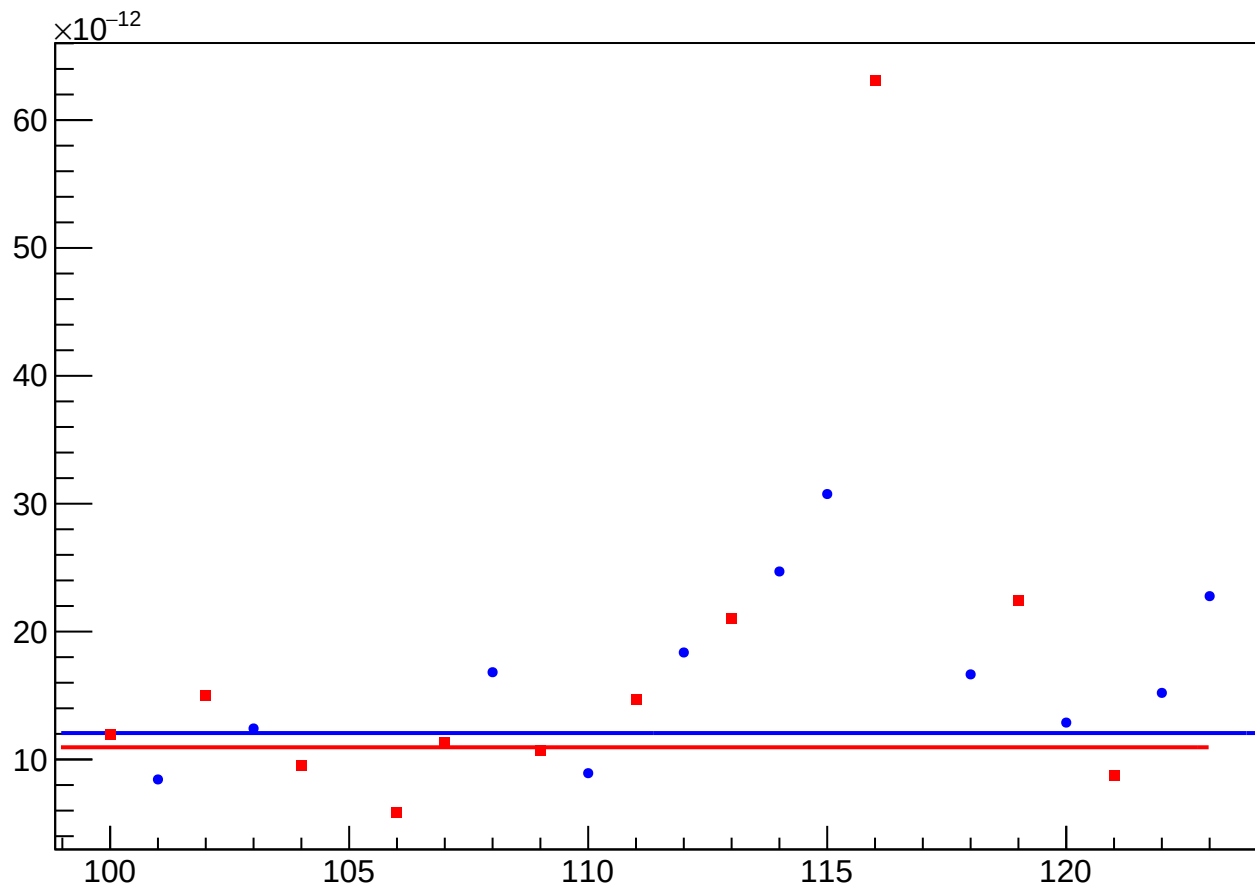
Right: 0.000+/-0.000 χ^2/NDF : 25.3/21

In: -0.000+/-0.000 χ^2/NDF : 13.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.3/21

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 517453.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1027967.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

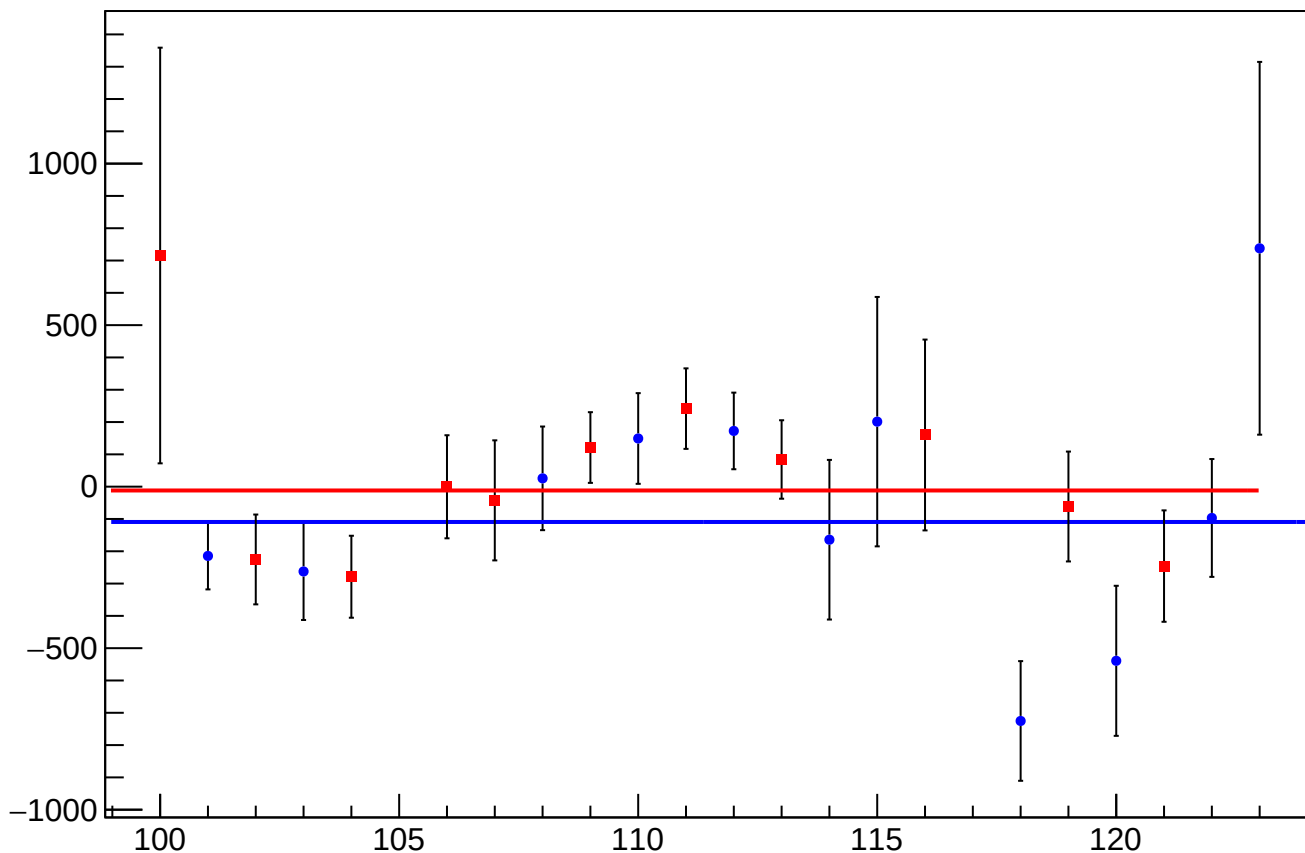
Right: 0.000+/-0.000 χ^2/NDF : 1567514.4/21

In: 0.000+/-0.000 χ^2/NDF : 517453.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1567514.4/21

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -109.318+/-49.869 χ^2/NDF : 29.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.811+/-45.647 χ^2/NDF : 16.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

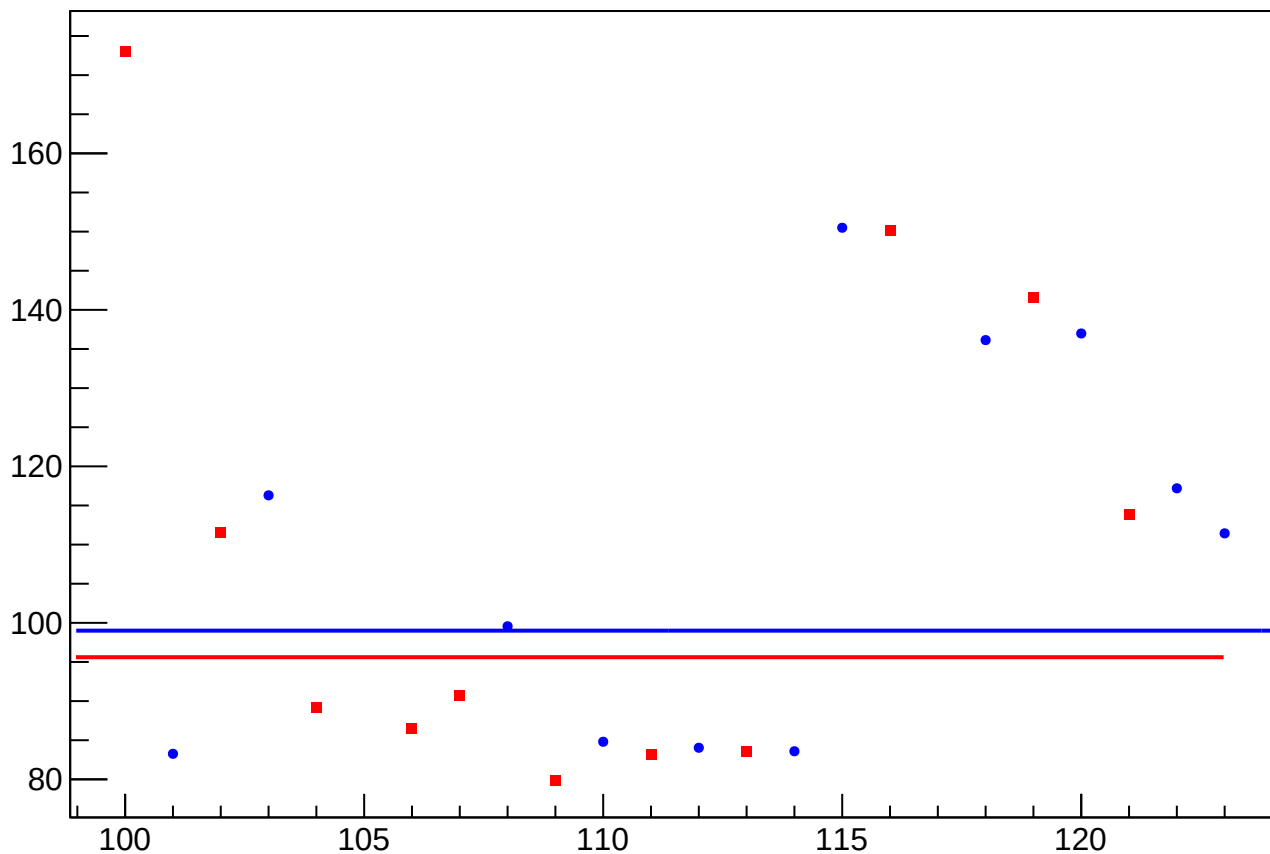
Right: -56.264+/-33.671 χ^2/NDF : 47.8/21

In: -109.318+/-49.869 χ^2/NDF : 29.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.264+/-33.671 χ^2/NDF : 47.8/21

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 99.003+/-0.035 χ^2/NDF : 323079.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.608+/-0.032 χ^2/NDF : 385943.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

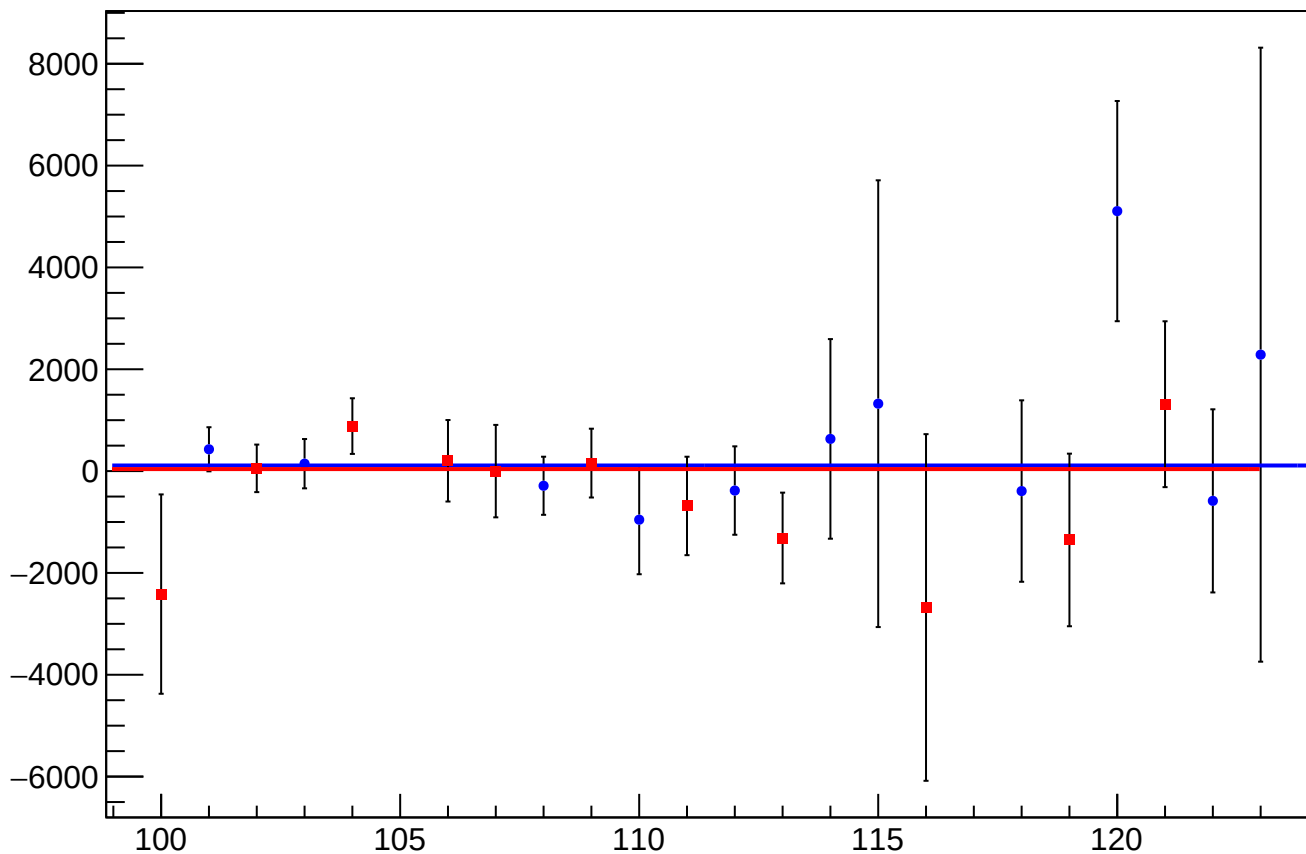
Right: 97.156+/-0.024 χ^2/NDF : 714064.1/21

In: 99.003+/-0.035 χ^2/NDF : 323079.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.156+/-0.024 χ^2/NDF : 714064.1/21

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 109.866+/-249.689 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.306+/-247.674 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

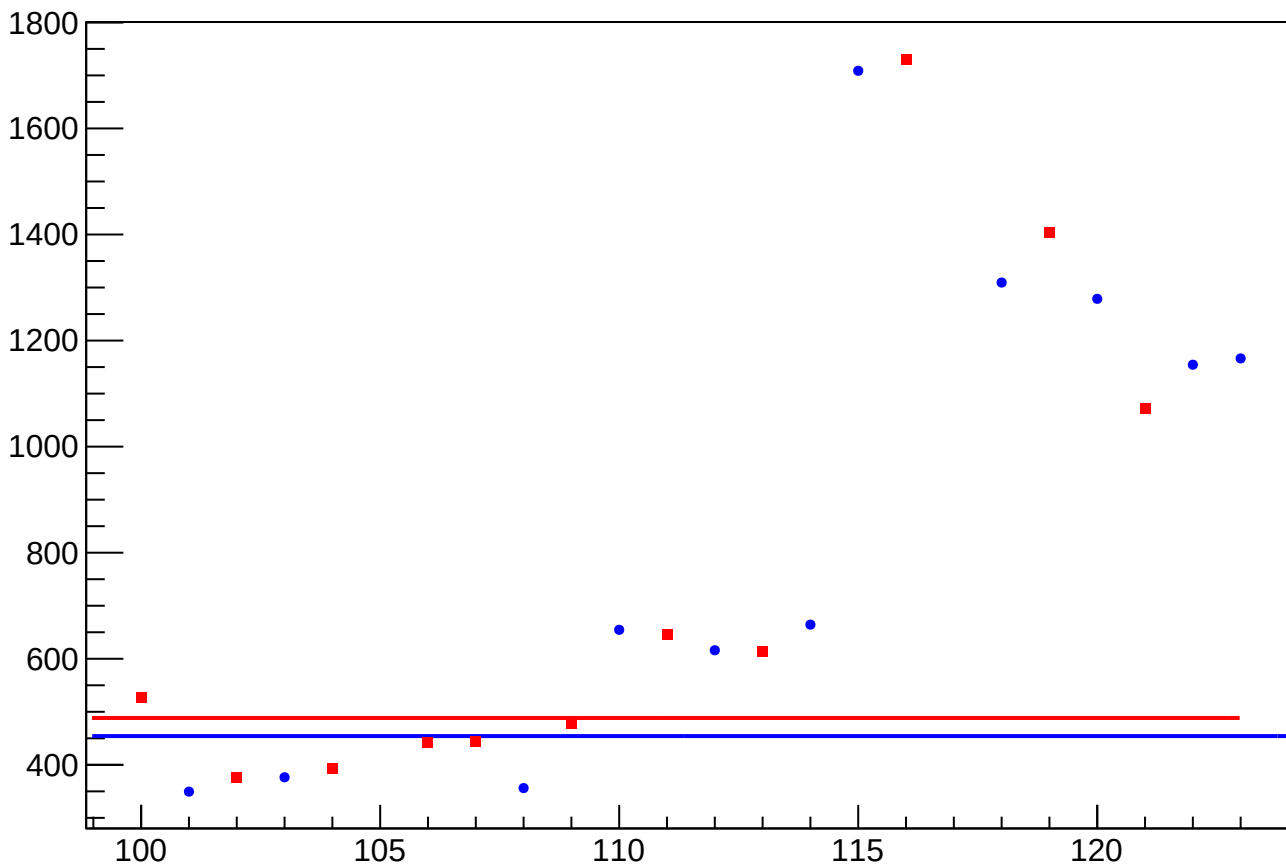
Right: 74.300+/-175.840 χ^2/NDF : 17.1/21

In: 109.866+/-249.689 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.300+/-175.840 χ^2/NDF : 17.1/21

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 454.234 +/- 0.177 χ^2/NDF : 1635973.7/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 488.380 +/- 0.175 χ^2/NDF : 1387327.6/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

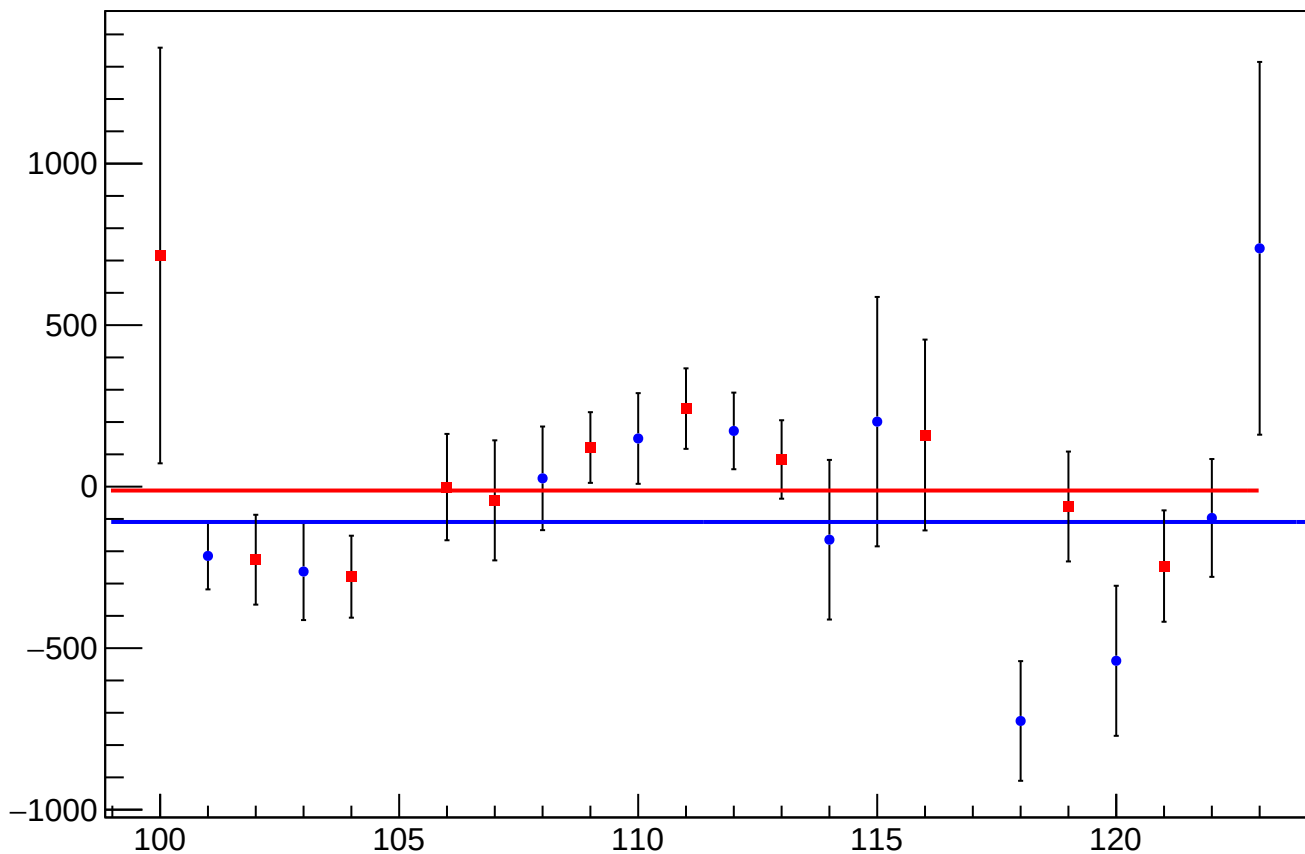
Right: 471.445 +/- 0.124 χ^2/NDF : 3042155.1/21

In: 454.234 +/- 0.177 χ^2/NDF : 1635973.7/10

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 471.445 +/- 0.124 χ^2/NDF : 3042155.1/21

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -109.356+/-49.869 χ^2/NDF : 29.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.004+/-45.763 χ^2/NDF : 16.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

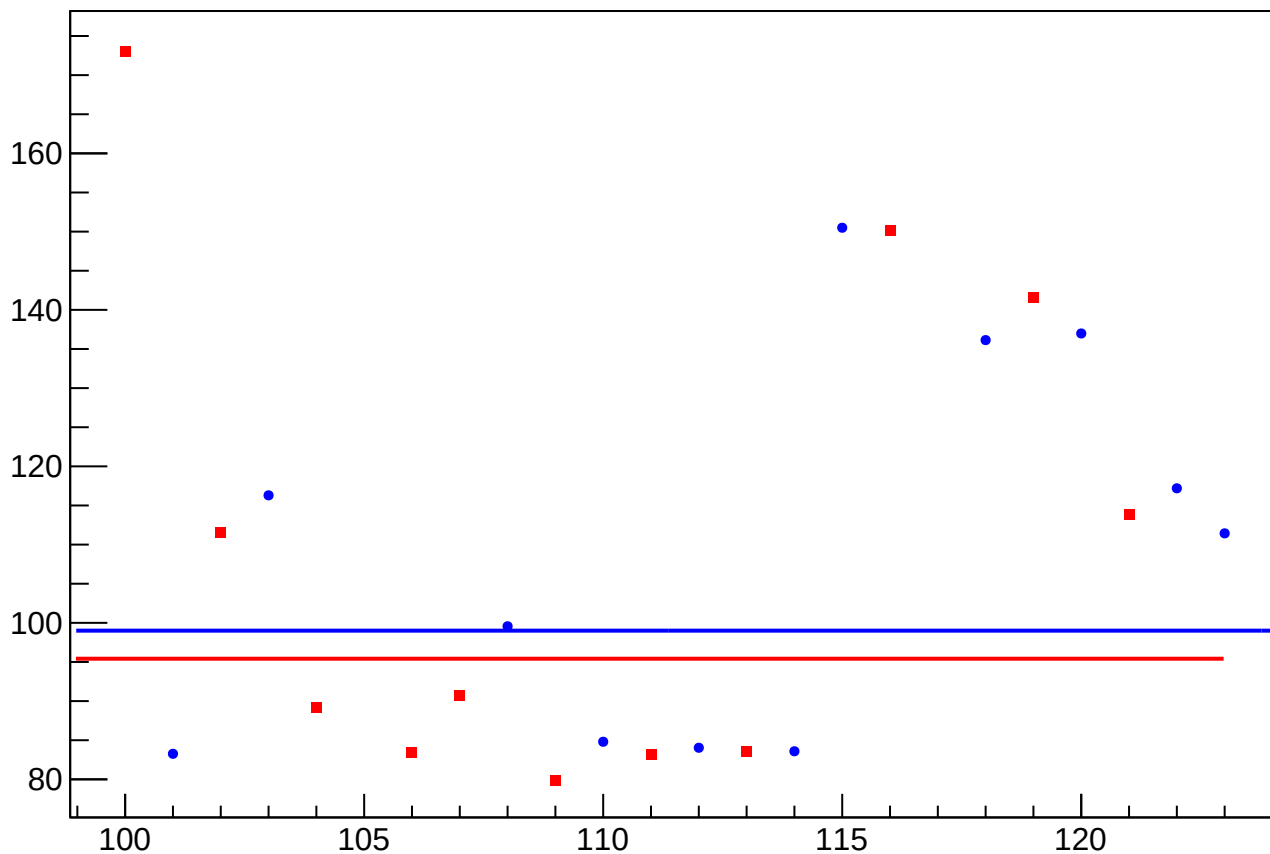
Right: -56.508+/-33.718 χ^2/NDF : 47.8/21

In: -109.356+/-49.869 χ^2/NDF : 29.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.508+/-33.718 χ^2/NDF : 47.8/21

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 99.003+/-0.035 χ^2/NDF : 323081.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.416+/-0.032 χ^2/NDF : 390545.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

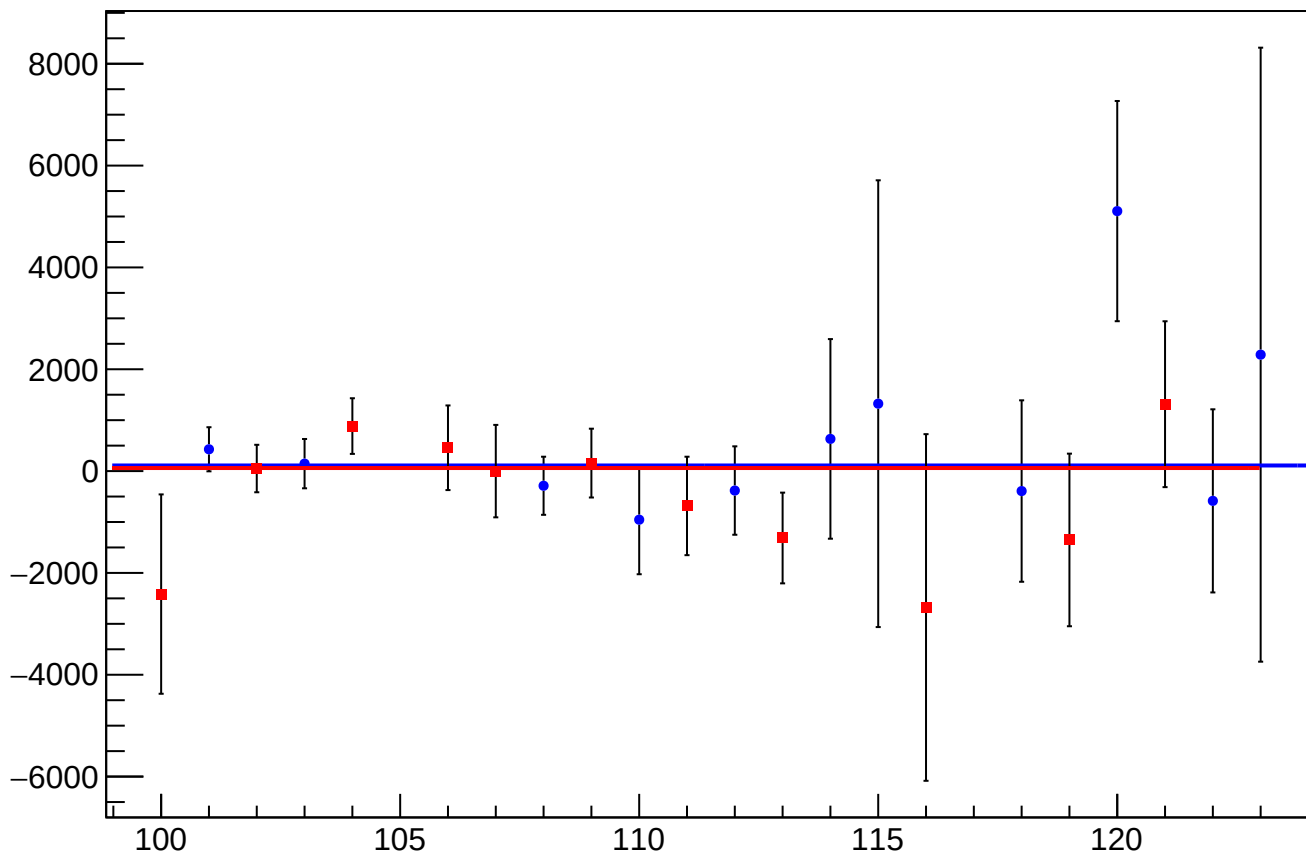
Right: 97.056+/-0.024 χ^2/NDF : 719243.3/21

In: 99.003+/-0.035 χ^2/NDF : 323081.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.056+/-0.024 χ^2/NDF : 719243.3/21

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 110.041+/-249.680 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.052+/-248.424 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

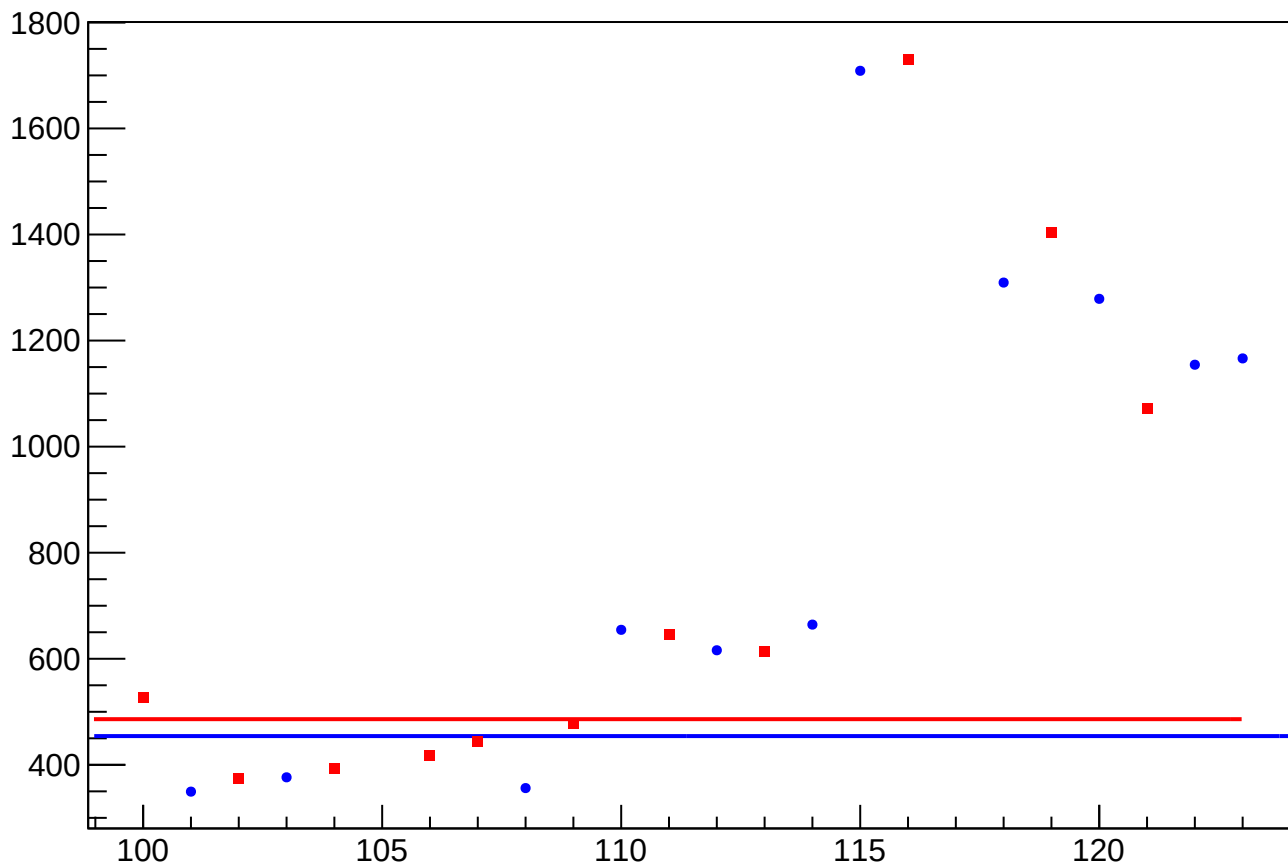
Right: 84.921+/-176.105 χ^2/NDF : 17.2/21

In: 110.041+/-249.680 χ^2/NDF :8.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.921+/-176.105 χ^2/NDF : 17.2/21

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 454.214+/-0.177 χ^2/NDF : 1636055.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.110+/-0.176 χ^2/NDF : 1397121.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

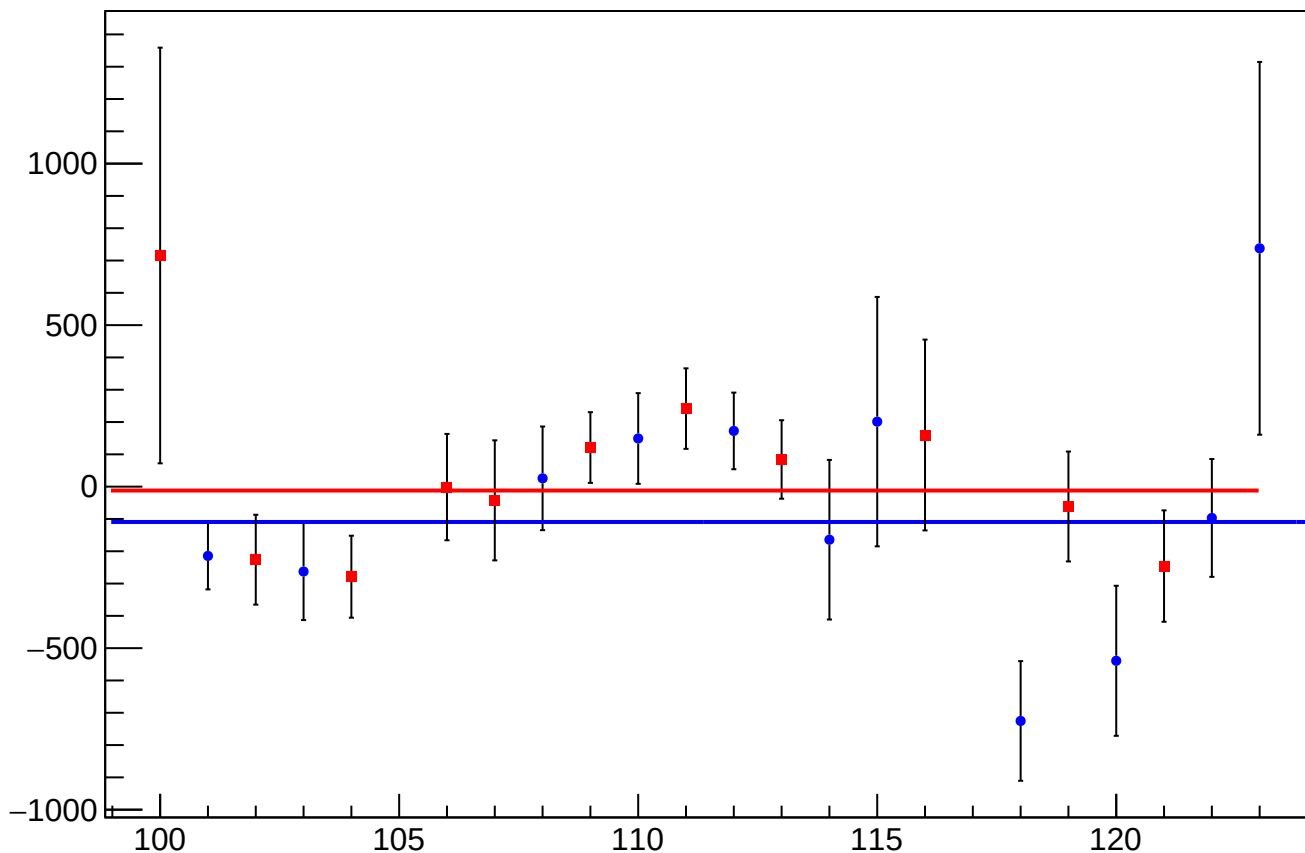
Right: 470.243+/-0.125 χ^2/NDF : 3049578.6/21

In: 454.214+/-0.177 χ^2/NDF : 1636055.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.243+/-0.125 χ^2/NDF : 3049578.6/21

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -109.356+/-49.869 χ^2/NDF : 29.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.004+/-45.763 χ^2/NDF : 16.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

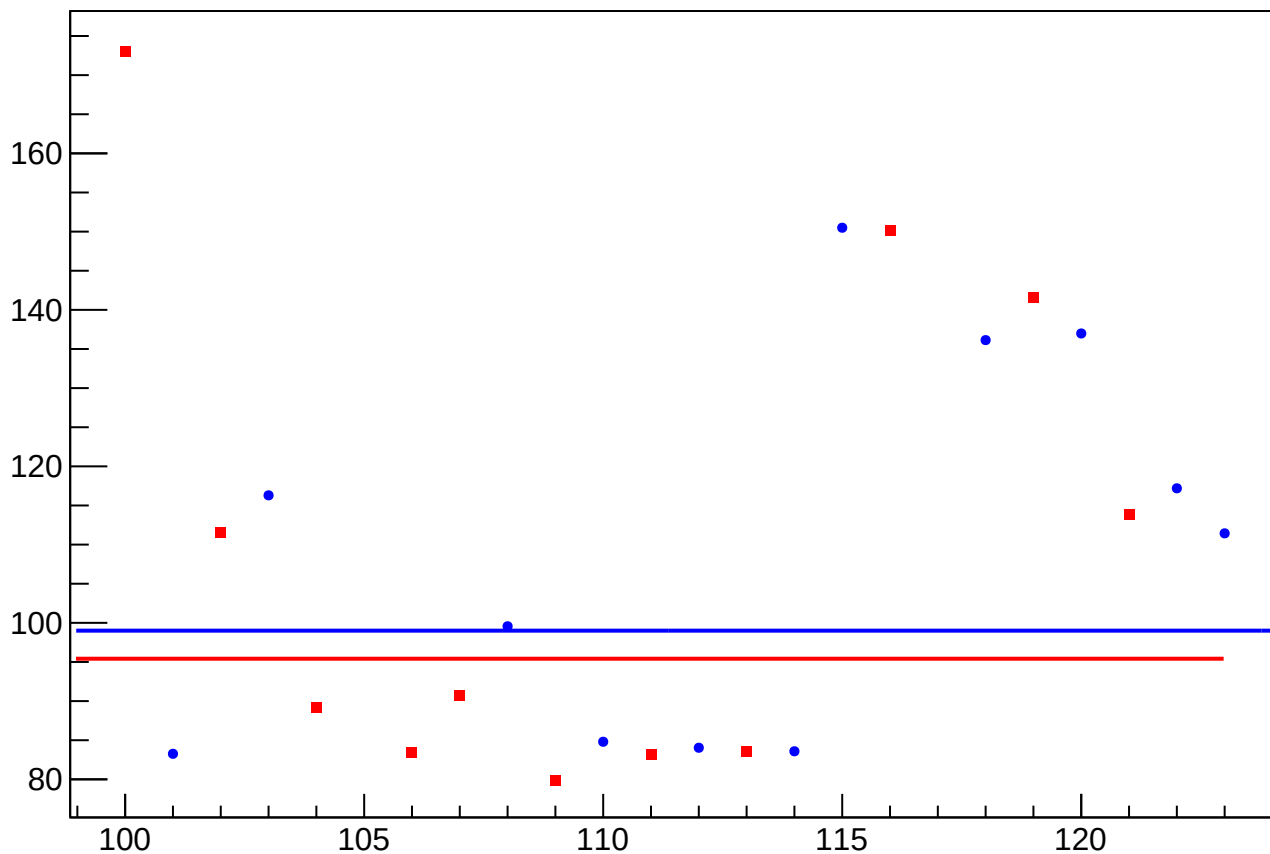
Right: -56.508+/-33.718 χ^2/NDF : 47.8/21

In: -109.356+/-49.869 χ^2/NDF : 29.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.508+/-33.718 χ^2/NDF : 47.8/21

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 99.003+/-0.035 χ^2/NDF : 323081.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.416+/-0.032 χ^2/NDF : 390545.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

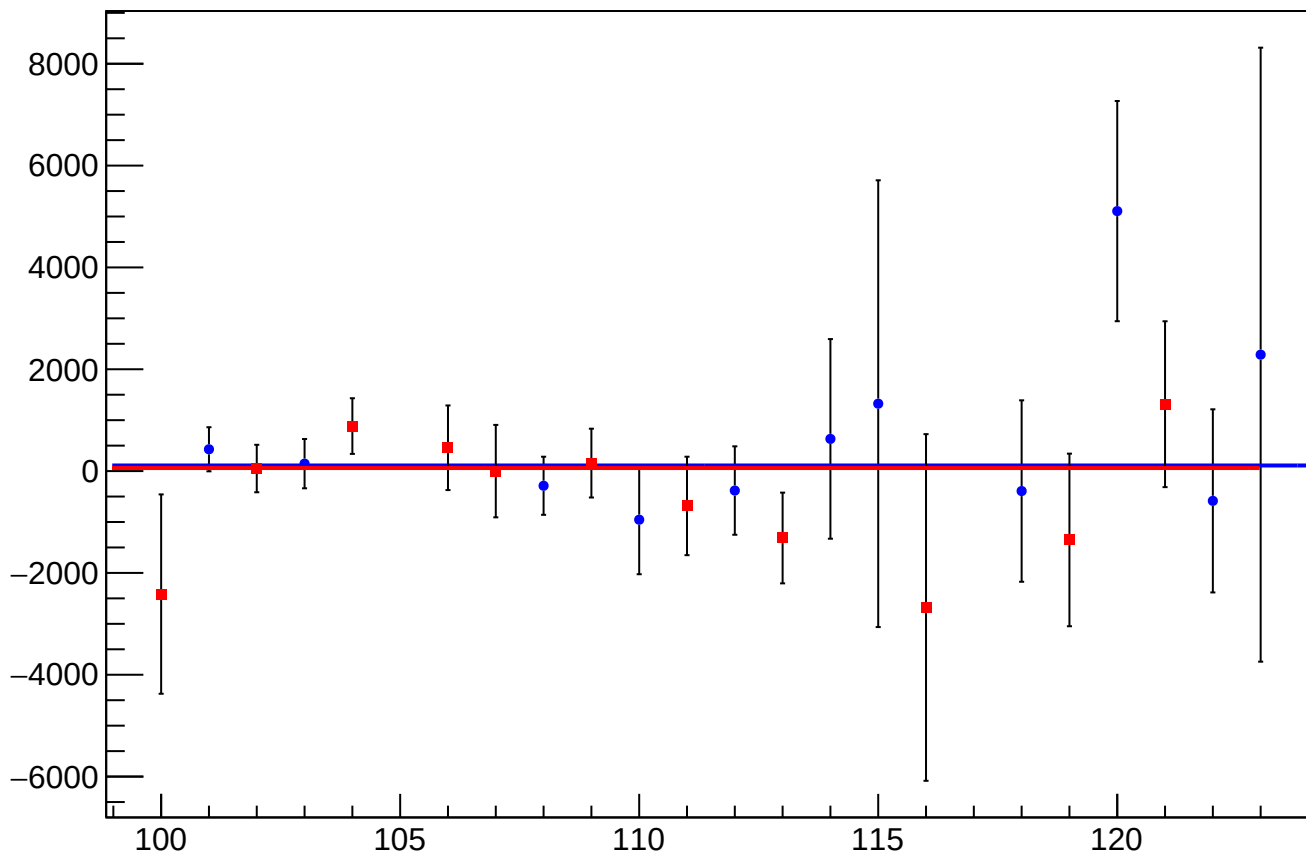
Right: 97.056+/-0.024 χ^2/NDF : 719243.3/21

In: 99.003+/-0.035 χ^2/NDF : 323081.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.056+/-0.024 χ^2/NDF : 719243.3/21

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 110.041+/-249.680 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.052+/-248.424 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

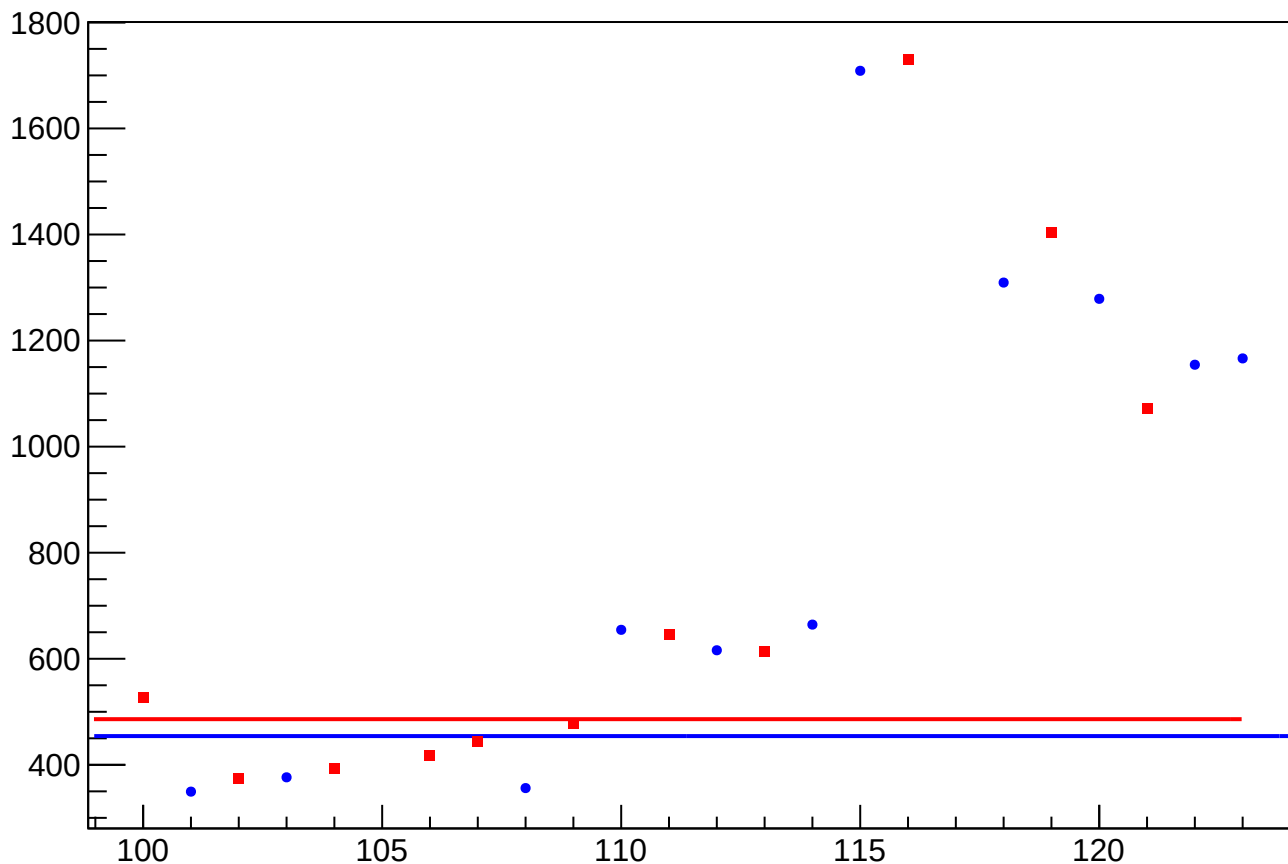
Right: 84.921+/-176.105 χ^2/NDF : 17.2/21

In: 110.041+/-249.680 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.921+/-176.105 χ^2/NDF : 17.2/21

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 454.214+/-0.177 χ^2/NDF : 1636055.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.110+/-0.176 χ^2/NDF : 1397121.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

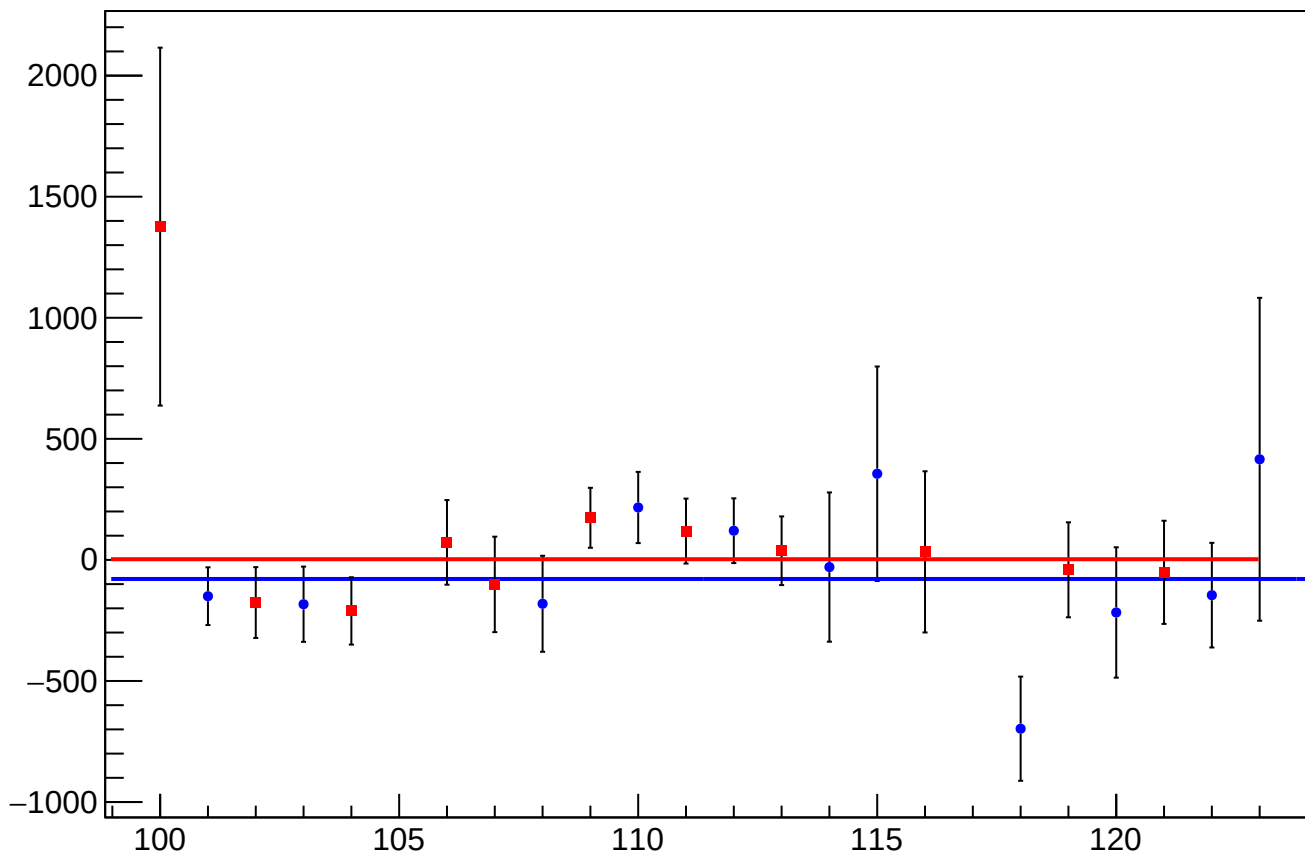
Right: 470.243+/-0.125 χ^2/NDF : 3049578.6/21

In: 454.214+/-0.177 χ^2/NDF : 1636055.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.243+/-0.125 χ^2/NDF : 3049578.6/21

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -78.730+/-56.435 χ^2/NDF : 17.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.836+/-50.870 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

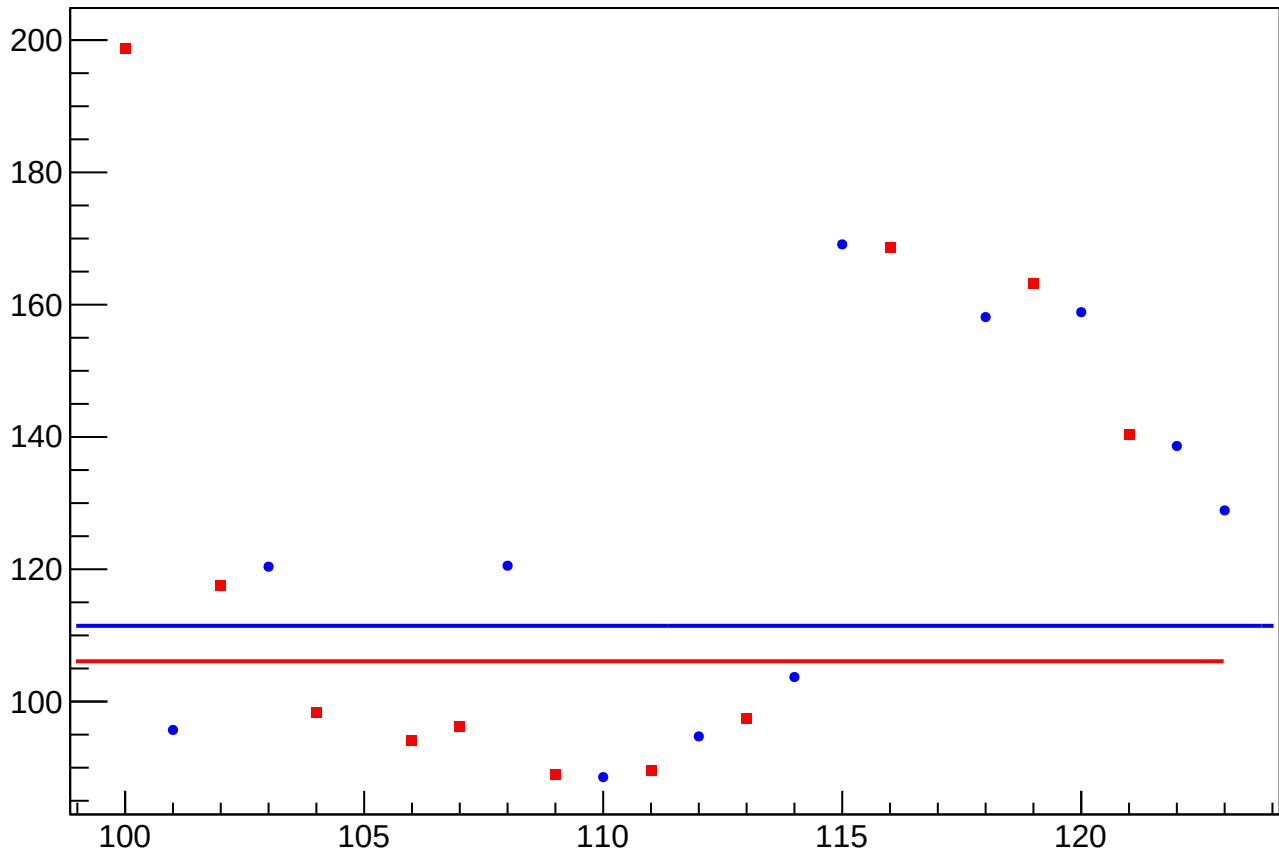
Right: -33.729+/-37.785 χ^2/NDF : 29.2/21

In: -78.730+/-56.435 χ^2/NDF :17.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -33.729+/-37.785 χ^2/NDF : 29.2/21

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 111.448+/-0.040 χ^2/NDF : 349713.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.090+/-0.036 χ^2/NDF : 432957.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

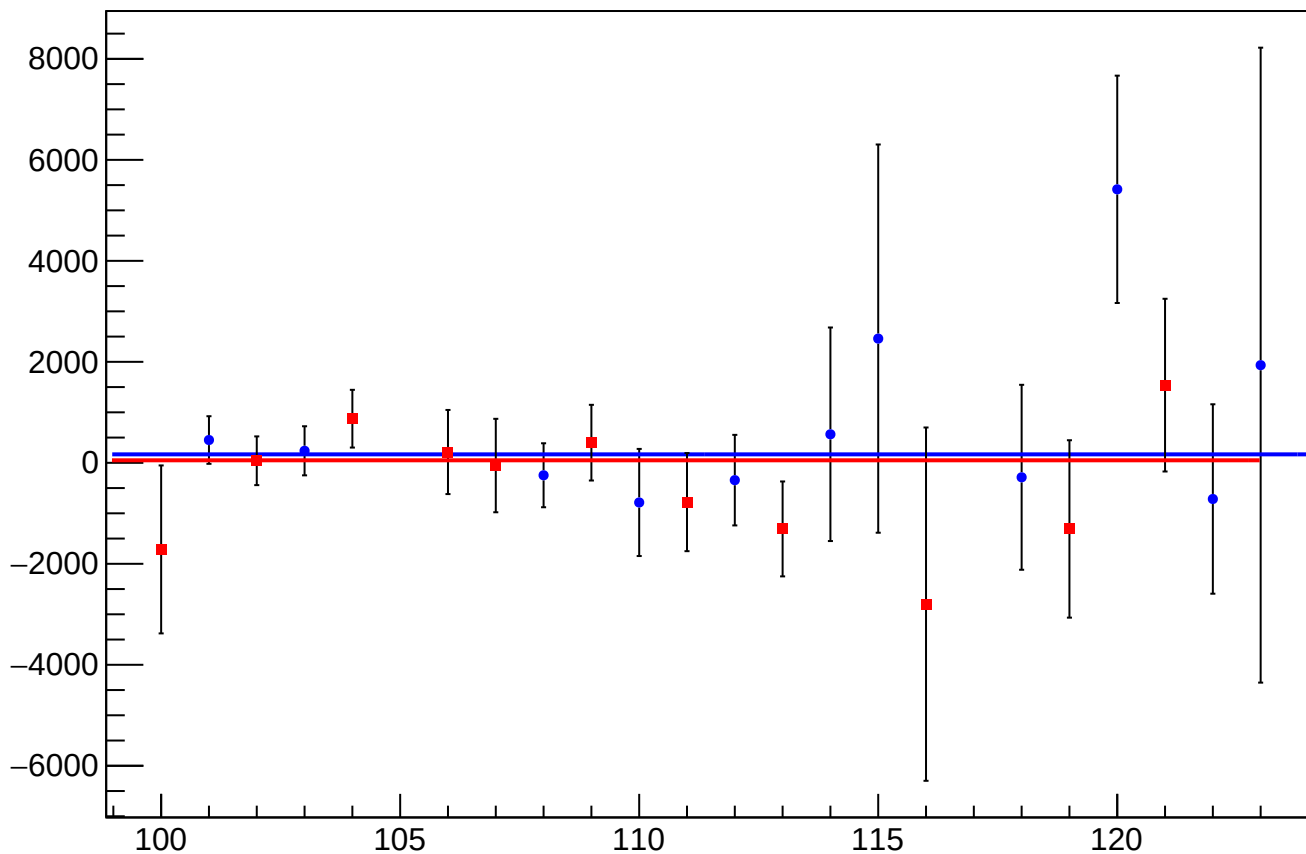
Right: 108.492+/-0.027 χ^2/NDF : 792615.1/21

In: 111.448+/-0.040 χ^2/NDF : 349713.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.492+/-0.027 χ^2/NDF : 792615.1/21

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 167.641 $\pm$ 263.065 χ^2 /NDF: 8.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.892 $\pm$ 257.819 χ^2 /NDF: 8.3/10

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

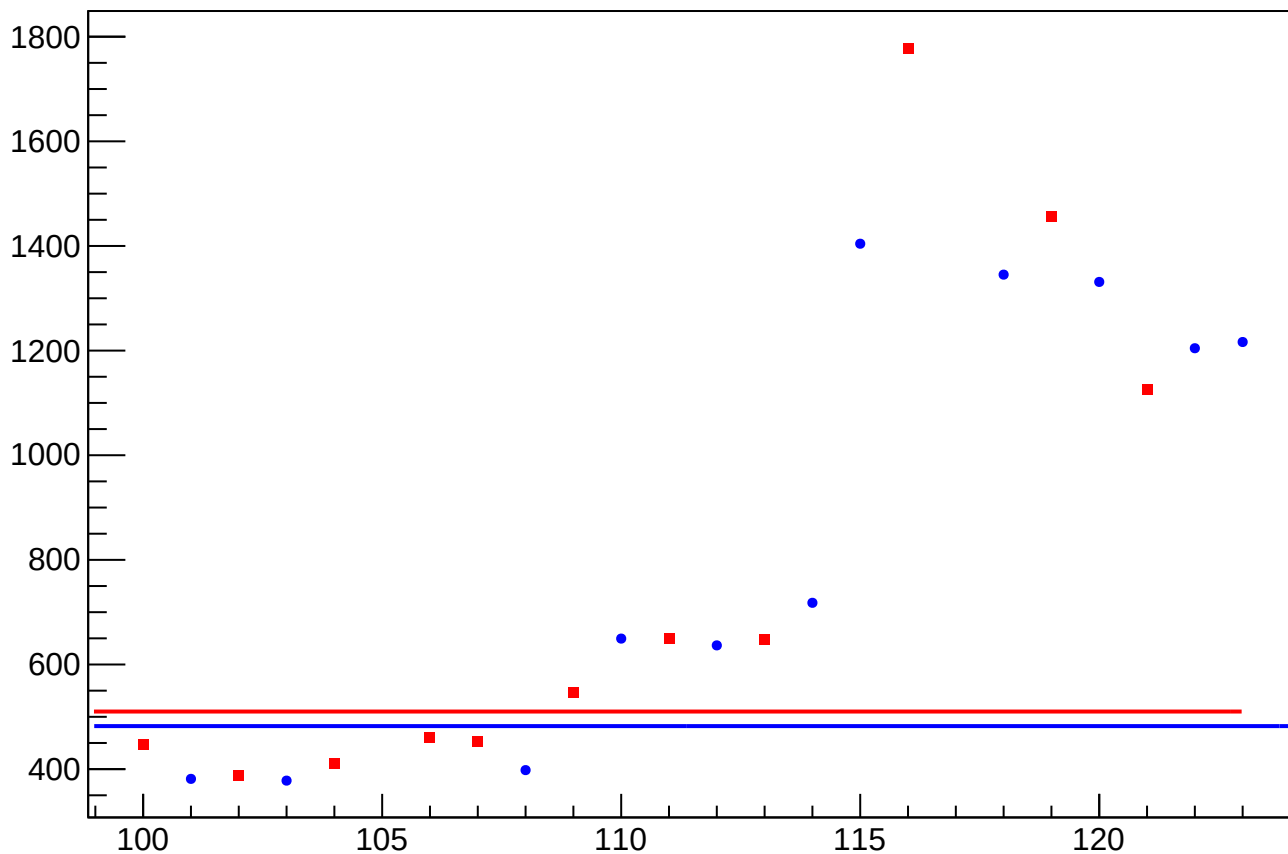
Right: 107.581 $\pm$ 184.132 χ^2 /NDF: 16.5/21

In: 167.641 $\pm$ 263.065 χ^2 /NDF:8.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.581 $\pm$ 184.132 χ^2 /NDF: 16.5/21

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.256+/-0.186 χ^2/NDF : 1519811.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.102+/-0.182 χ^2/NDF : 1396526.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

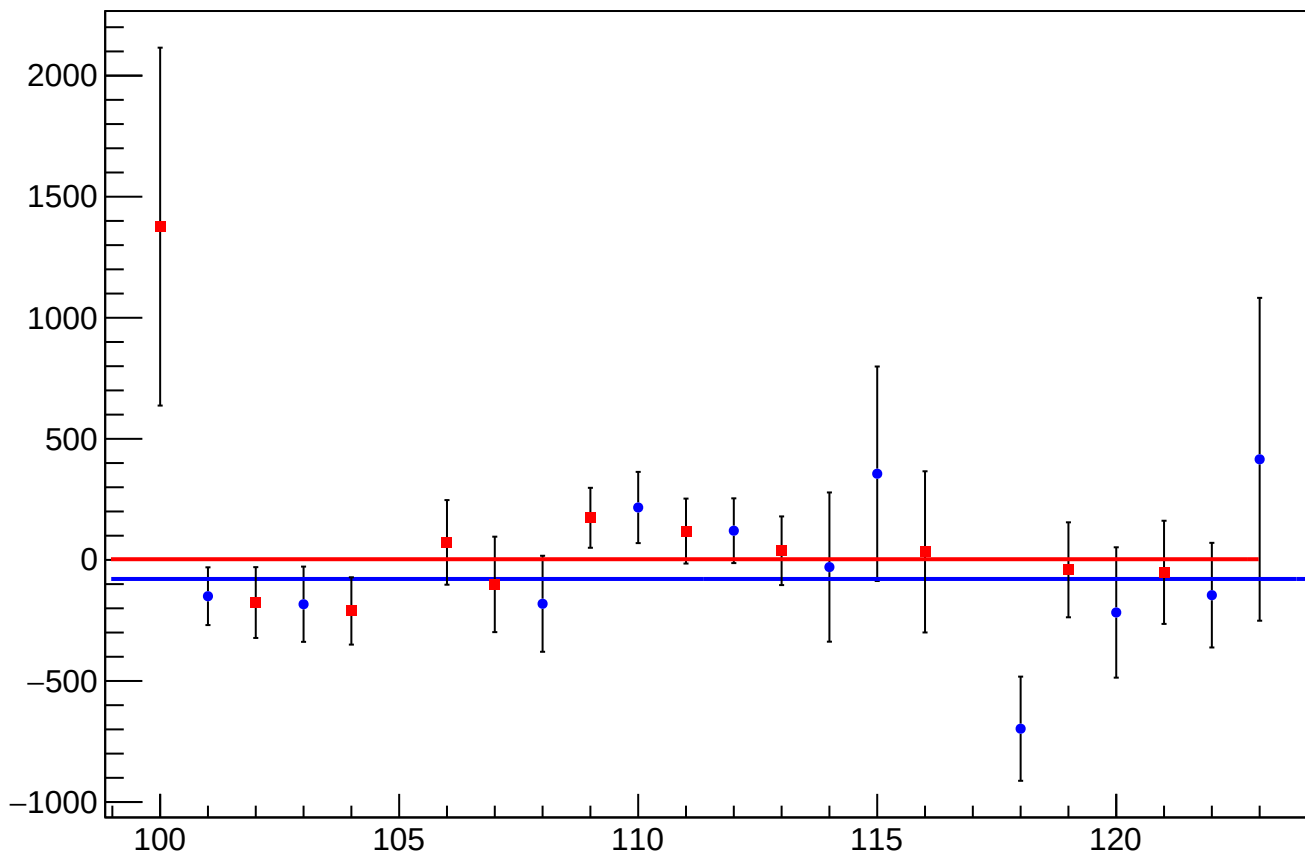
Right: 496.459+/-0.130 χ^2/NDF : 2927768.5/21

In: 482.256+/-0.186 χ^2/NDF : 1519811.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.459+/-0.130 χ^2/NDF : 2927768.5/21

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -78.732 $\pm$ 56.435 χ^2/NDF : 17.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.837 $\pm$ 50.870 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

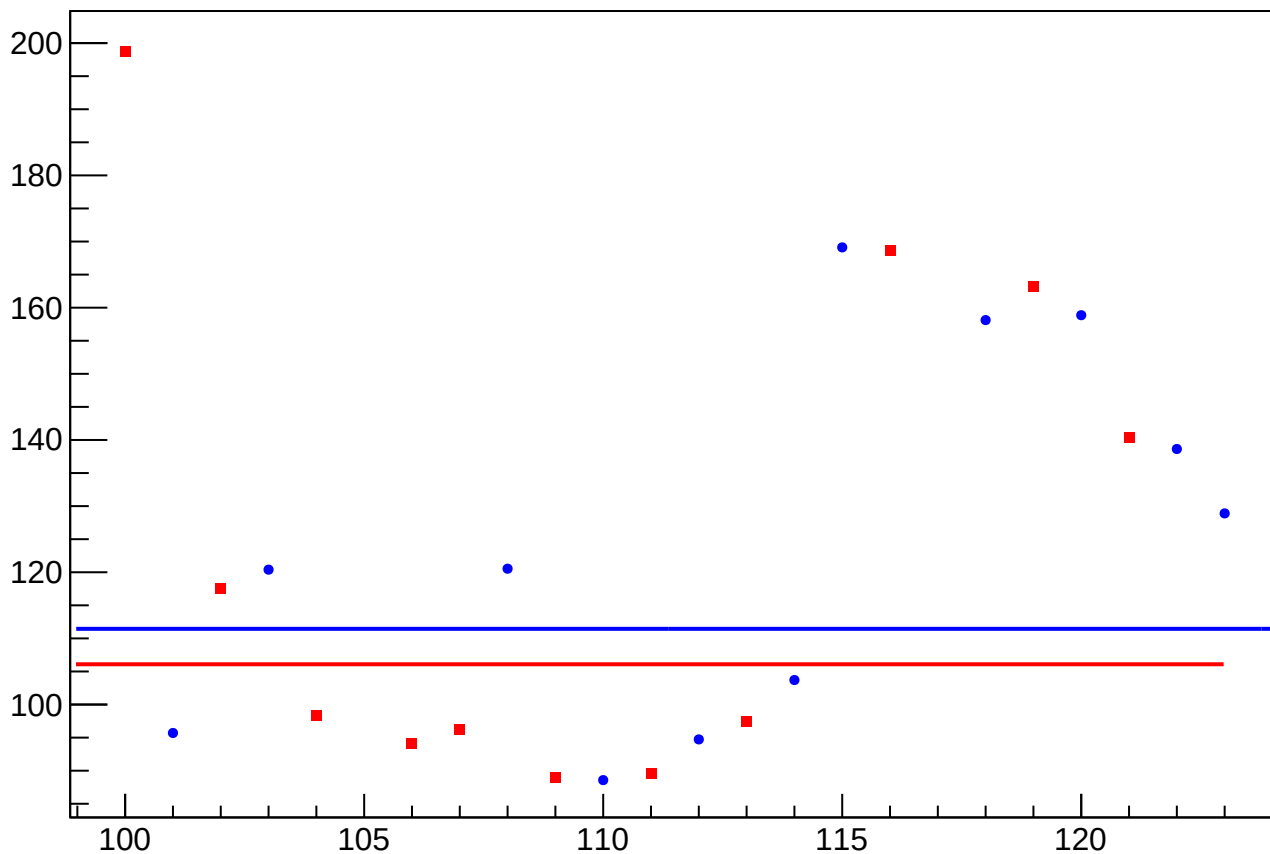
Right: -33.729 $\pm$ 37.785 χ^2/NDF : 29.2/21

In: -78.732 $\pm$ 56.435 χ^2/NDF : 17.5/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -33.729 $\pm$ 37.785 χ^2/NDF : 29.2/21

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 111.447+/-0.040 χ^2/NDF : 349716.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.090+/-0.036 χ^2/NDF : 432957.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

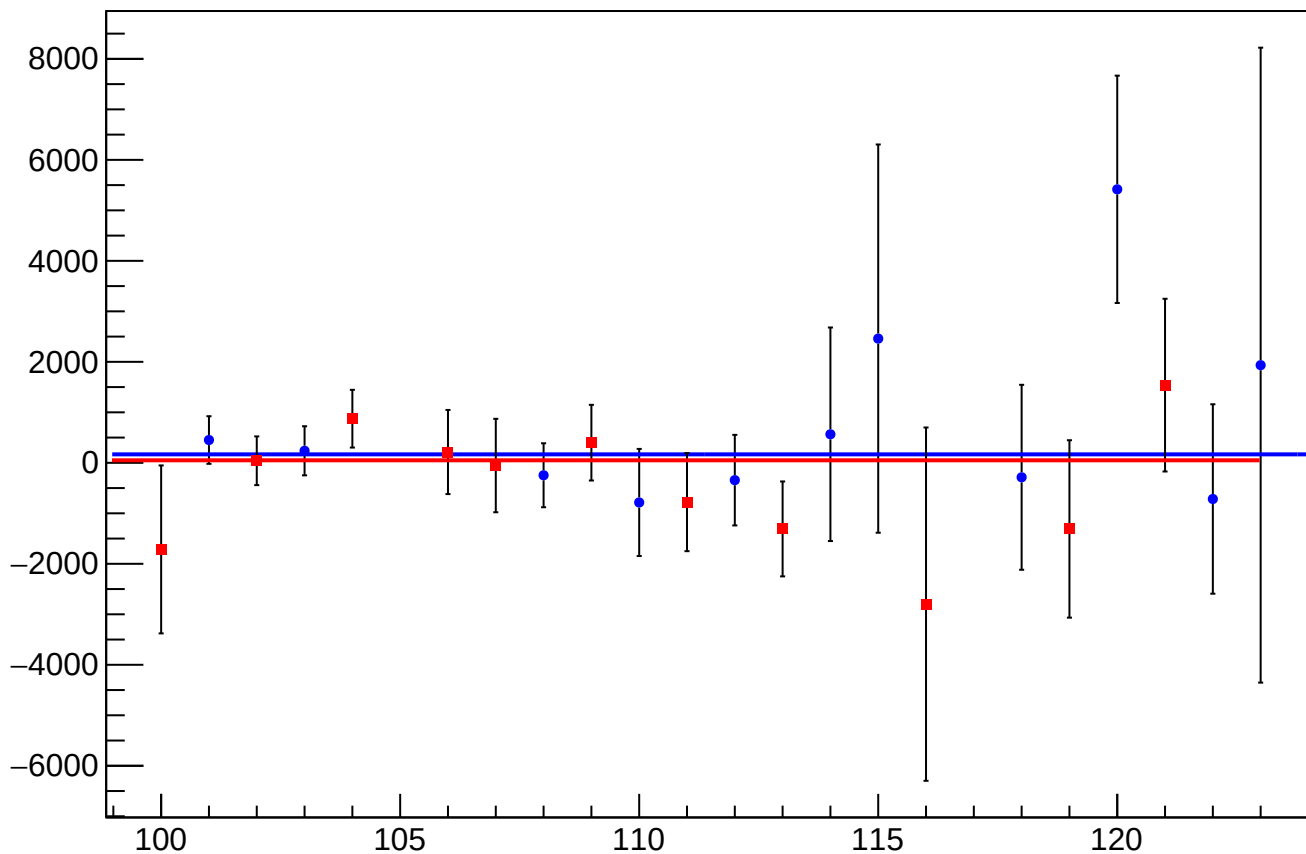
Right: 108.492+/-0.027 χ^2/NDF : 792616.9/21

In: 111.447+/-0.040 χ^2/NDF : 349716.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.492+/-0.027 χ^2/NDF : 792616.9/21

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 167.641+/-263.065 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.894+/-257.819 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

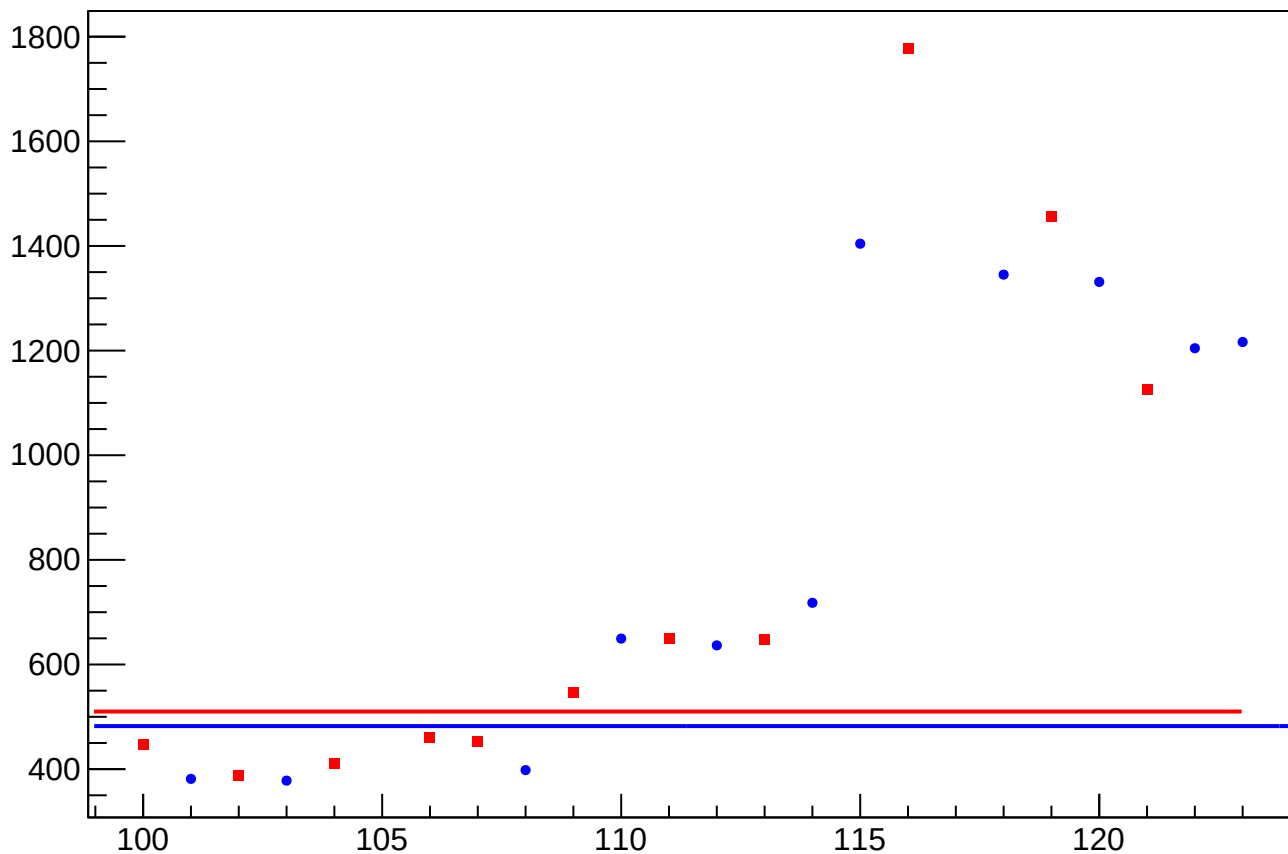
Right: 107.582+/-184.132 χ^2/NDF : 16.5/21

In: 167.641+/-263.065 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.582+/-184.132 χ^2/NDF : 16.5/21

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.255+/-0.186 χ^2/NDF : 1519814.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.102+/-0.182 χ^2/NDF : 1396526.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

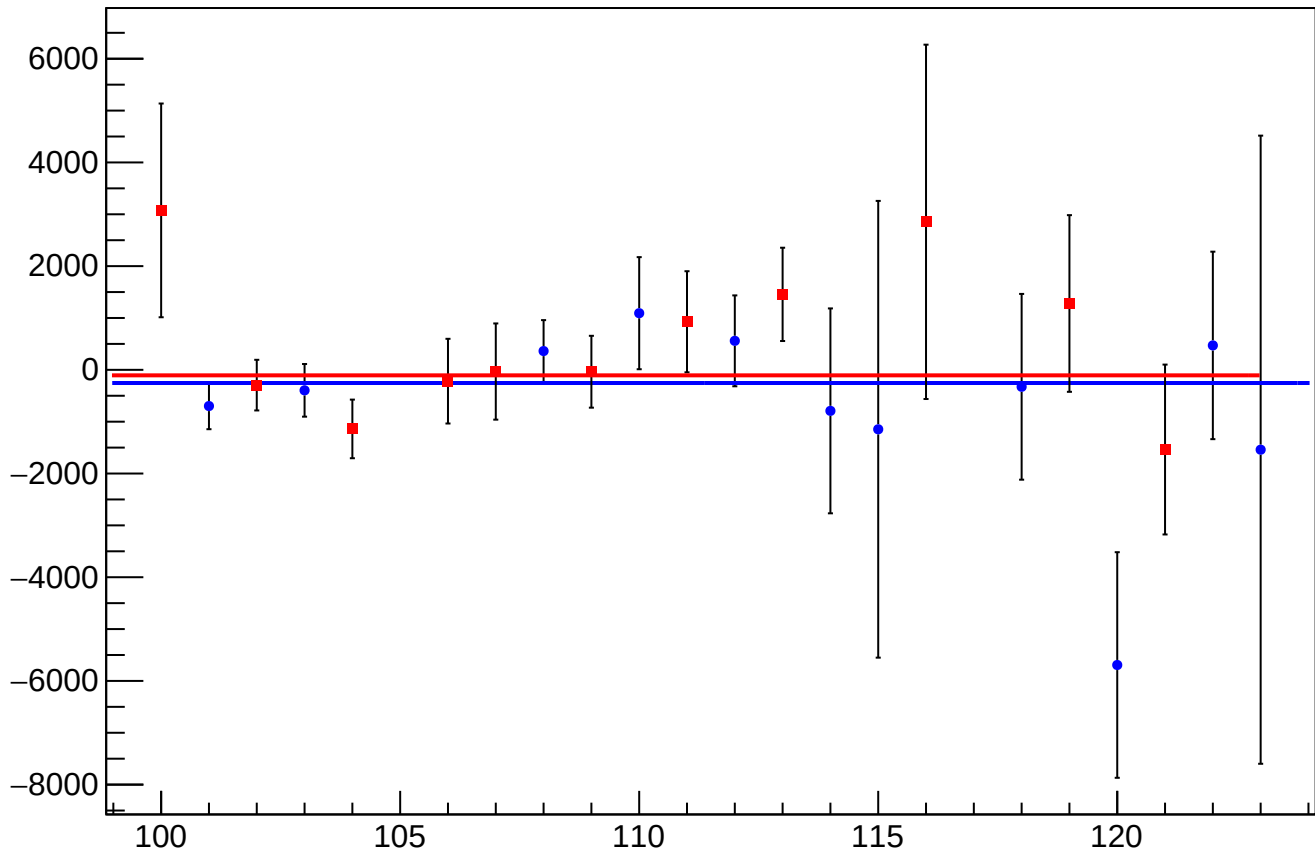
Right: 496.459+/-0.130 χ^2/NDF : 2927771.3/21

In: 482.255+/-0.186 χ^2/NDF : 1519814.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.459+/-0.130 χ^2/NDF : 2927771.3/21

asym_sam6_mean vs Slug, Sign Corrected



Right In: -254.031+/-258.027 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.325+/-254.895 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

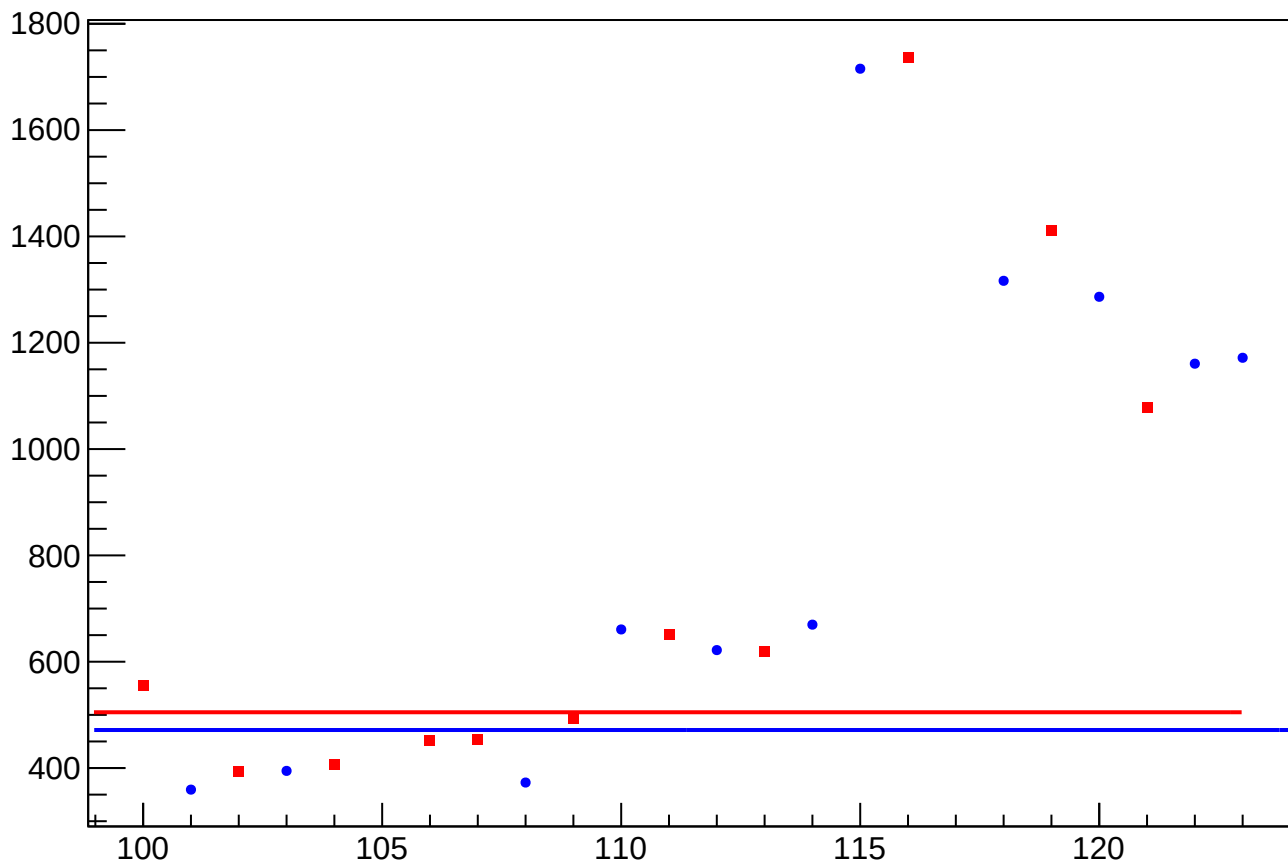
Right: -179.276+/-181.335 χ^2/NDF : 23.5/21

In: -254.031+/-258.027 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.276+/-181.335 χ^2/NDF : 23.5/21

asym_sam6_rms vs Slug, Sign Corrected



Right In: 471.544+/-0.182 χ^2/NDF : 1569209.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.934+/-0.180 χ^2/NDF : 1328355.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

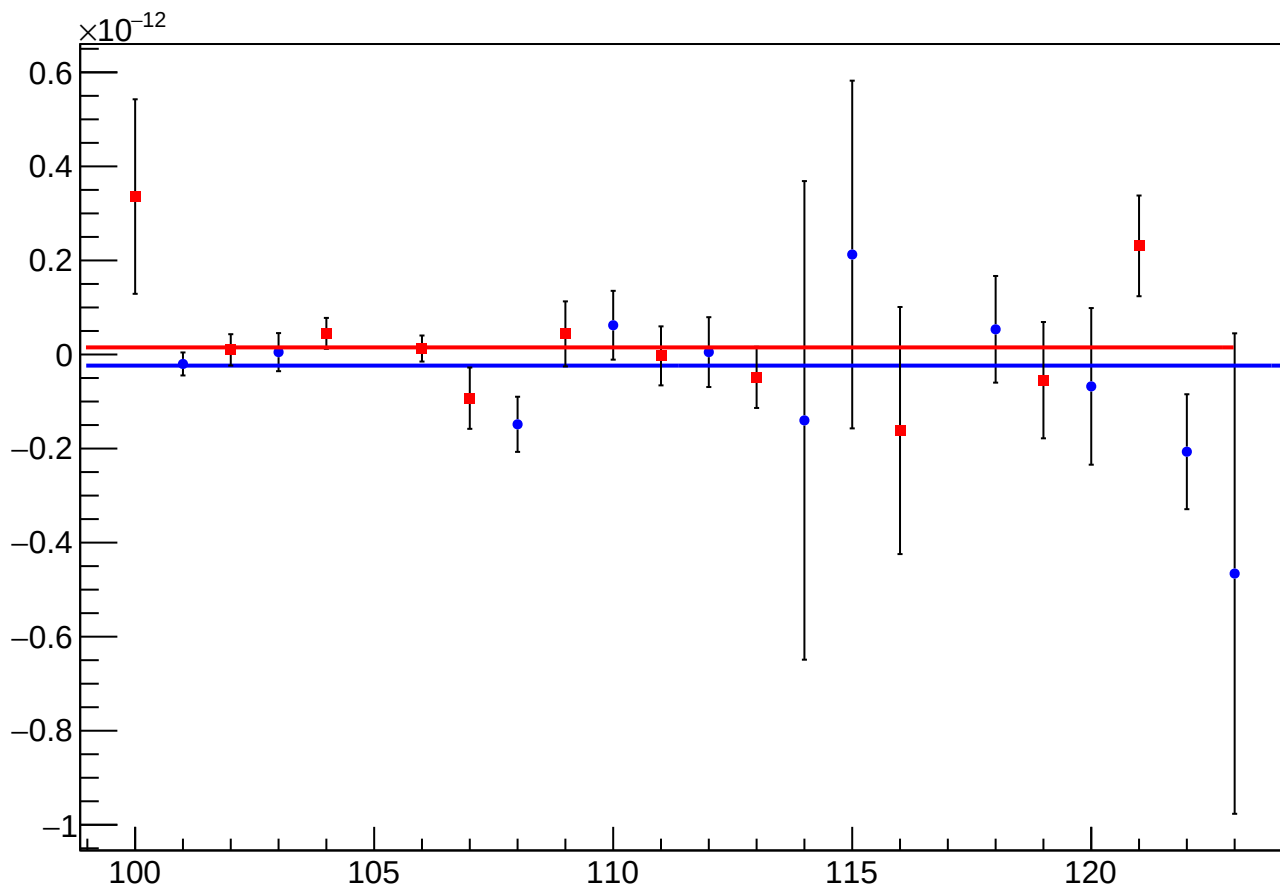
Right: 488.443+/-0.128 χ^2/NDF : 2914515.2/21

In: 471.544+/-0.182 χ^2/NDF : 1569209.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.443+/-0.128 χ^2/NDF : 2914515.2/21

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

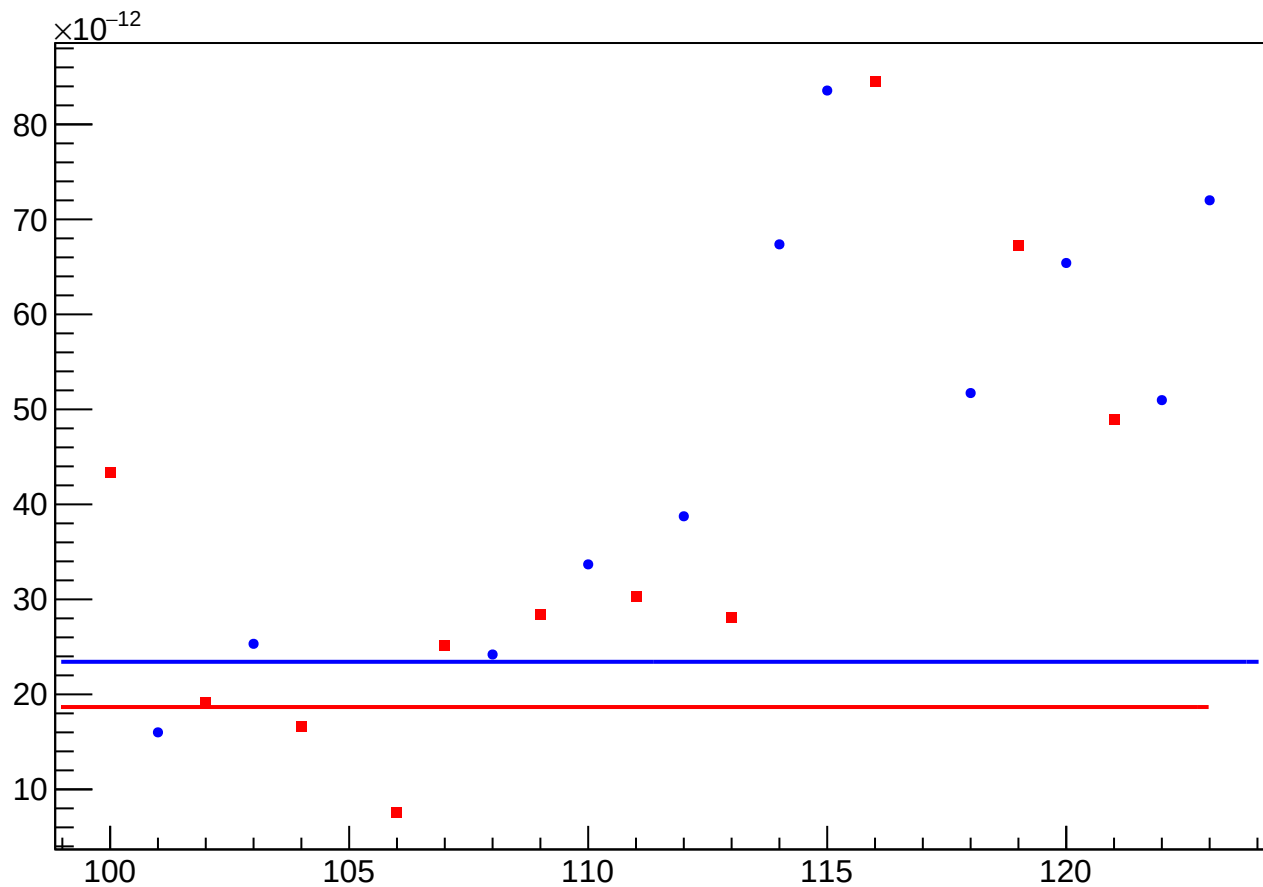
Right: -0.000+/-0.000 χ^2/NDF : 25.3/21

In: -0.000+/-0.000 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.3/21

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 752850.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1123845.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

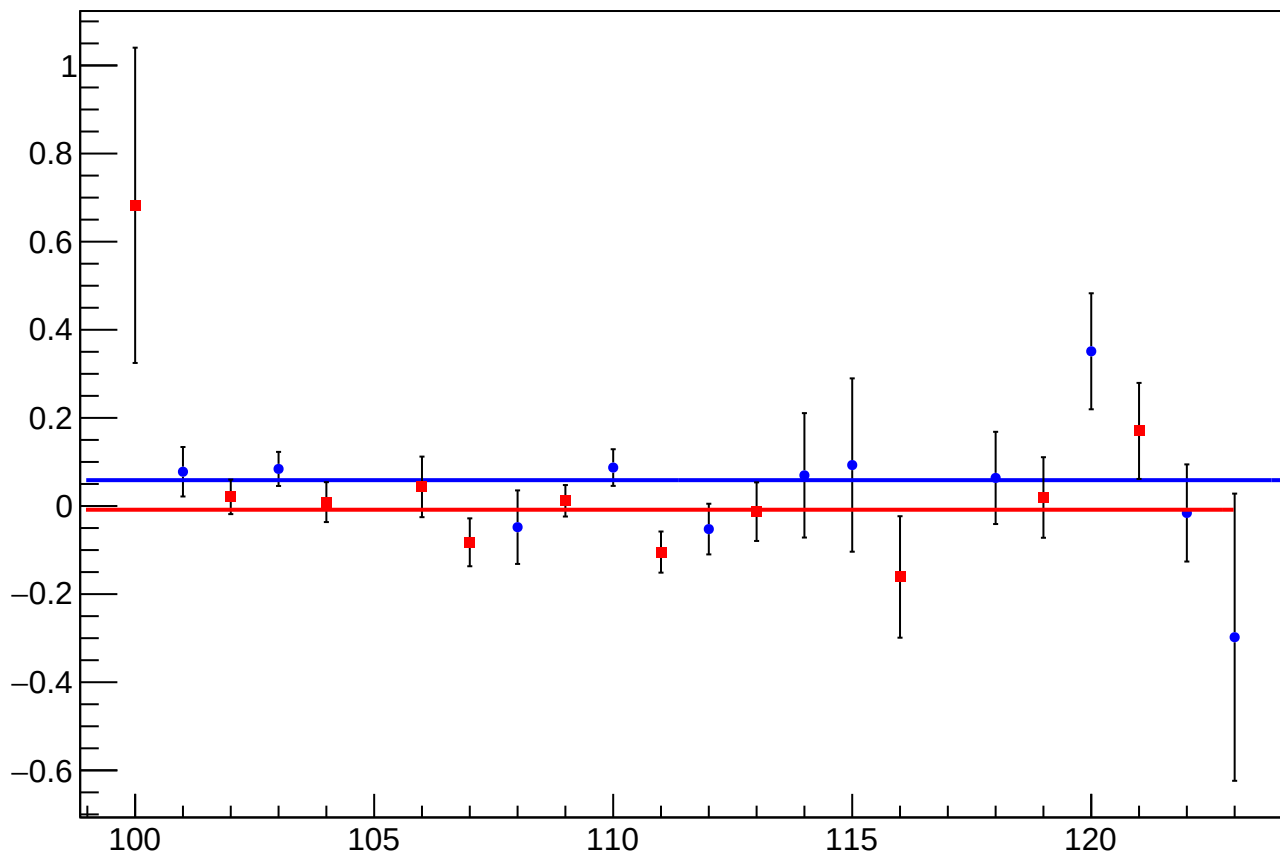
Right: 0.000+/-0.000 χ^2/NDF : 1958609.7/21

In: 0.000+/-0.000 χ^2/NDF : 752850.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1958609.7/21

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.021 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.008+/-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

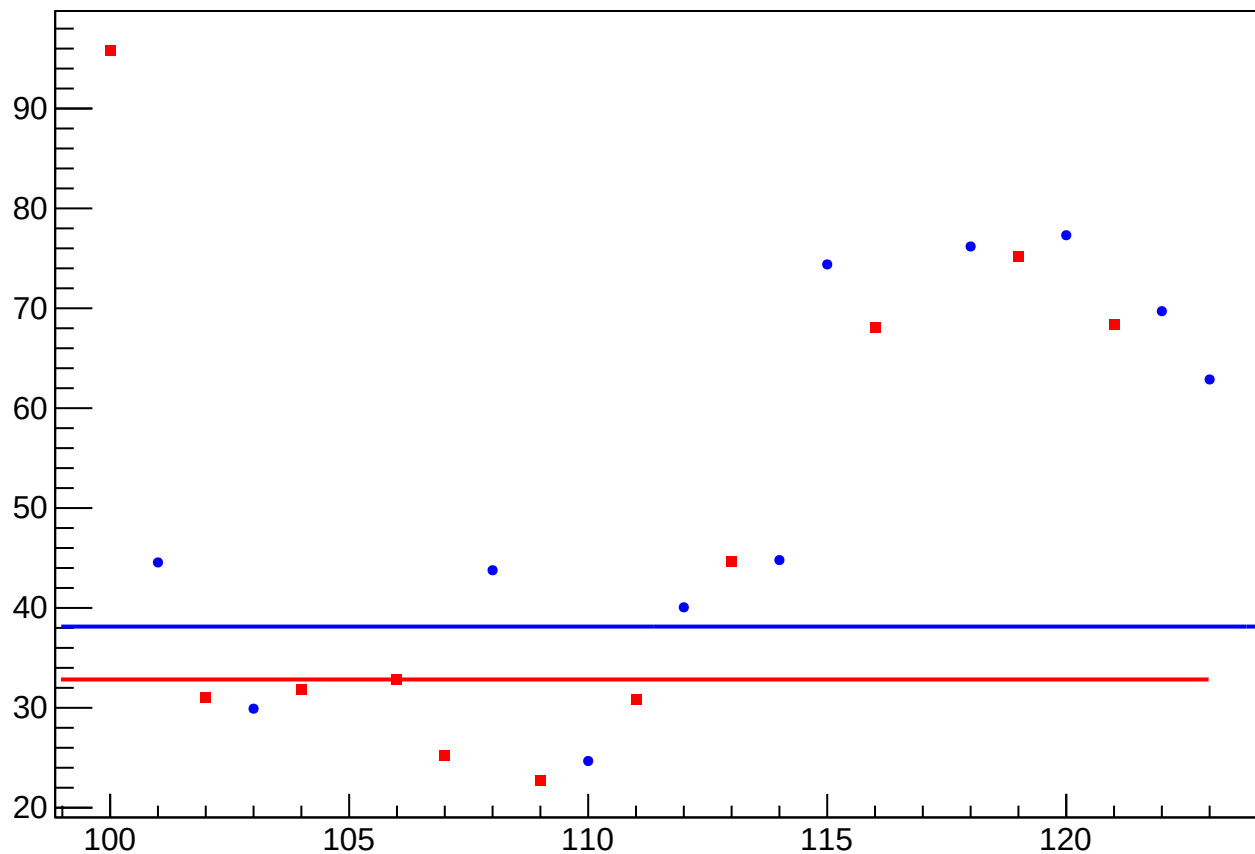
Right: 0.019+/-0.013 χ^2/NDF : 34.7/21

In: 0.059+/-0.021 χ^2/NDF :13.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.013 χ^2/NDF : 34.7/21

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.015 χ^2/NDF : 1026395.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.838+/-0.012 χ^2/NDF : 1105439.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

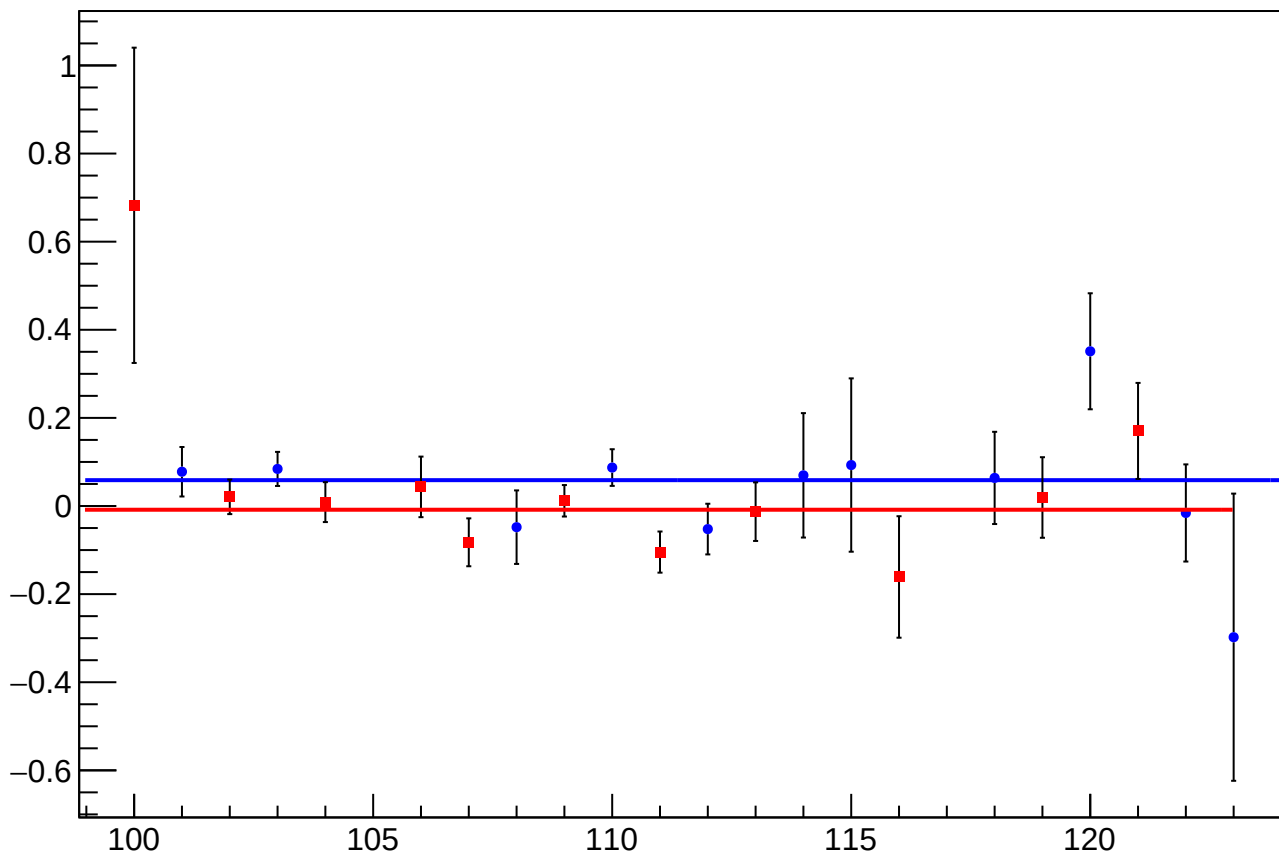
Right: 34.981+/-0.009 χ^2/NDF : 2209496.6/21

In: 38.134+/-0.015 χ^2/NDF :1026395.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.981+/-0.009 χ^2/NDF : 2209496.6/21

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.021 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-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

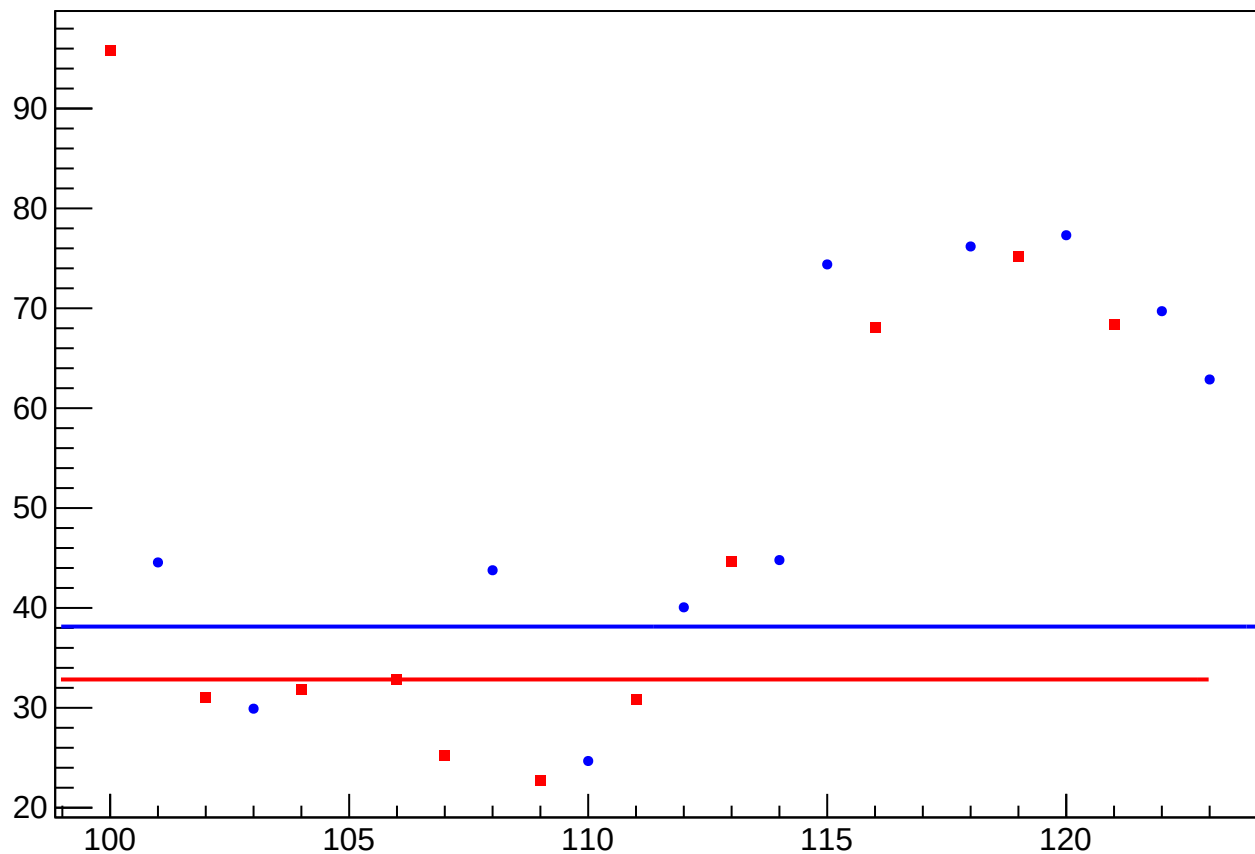
Right: 0.019+/-0.013 χ^2/NDF : 34.7/21

In: 0.059+/-0.021 χ^2/NDF : 13.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 34.7/21

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.015 χ^2/NDF : 1026395.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.838+/-0.012 χ^2/NDF : 1105439.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

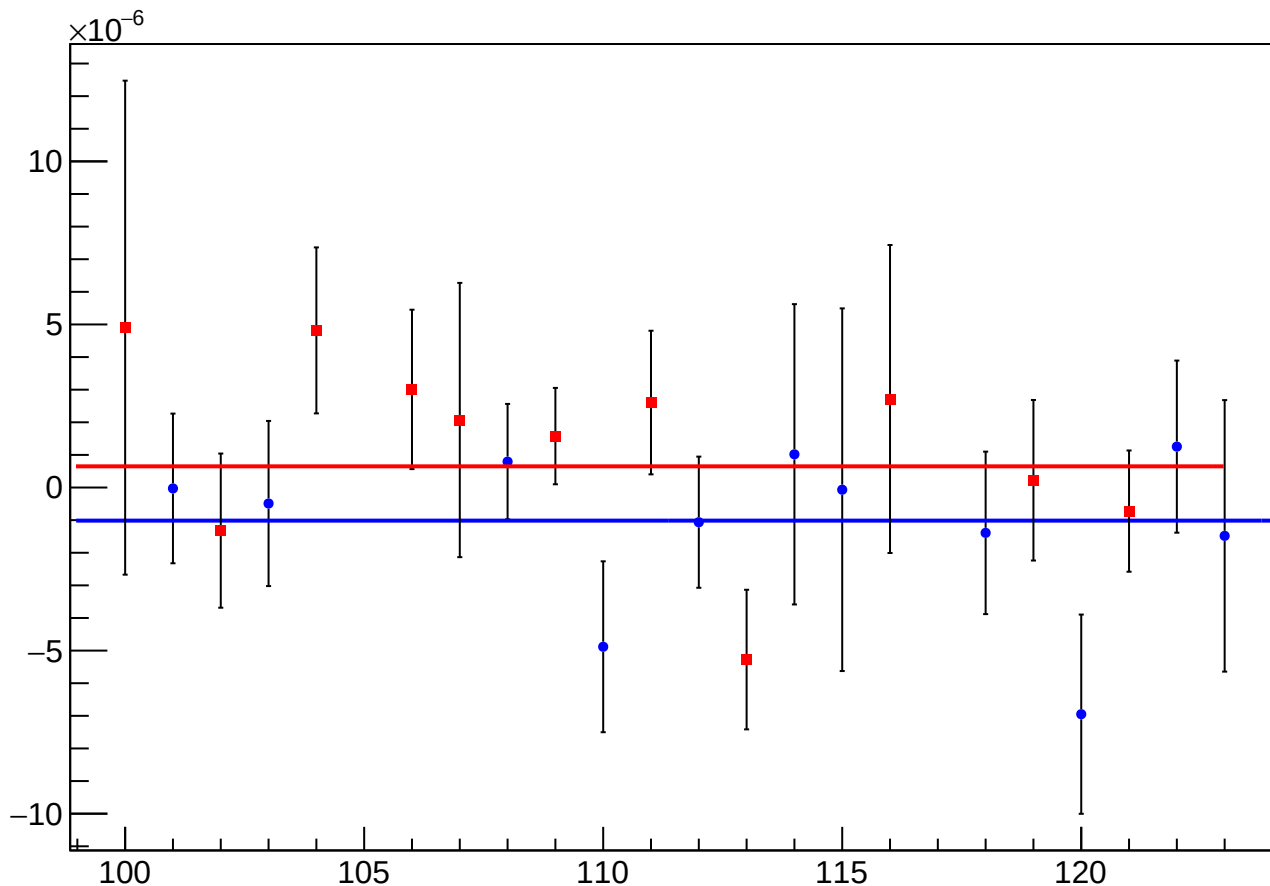
Right: 34.981+/-0.009 χ^2/NDF : 2209496.6/21

In: 38.134+/-0.015 χ^2/NDF :1026395.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.981+/-0.009 χ^2/NDF : 2209496.6/21

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.2/10

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

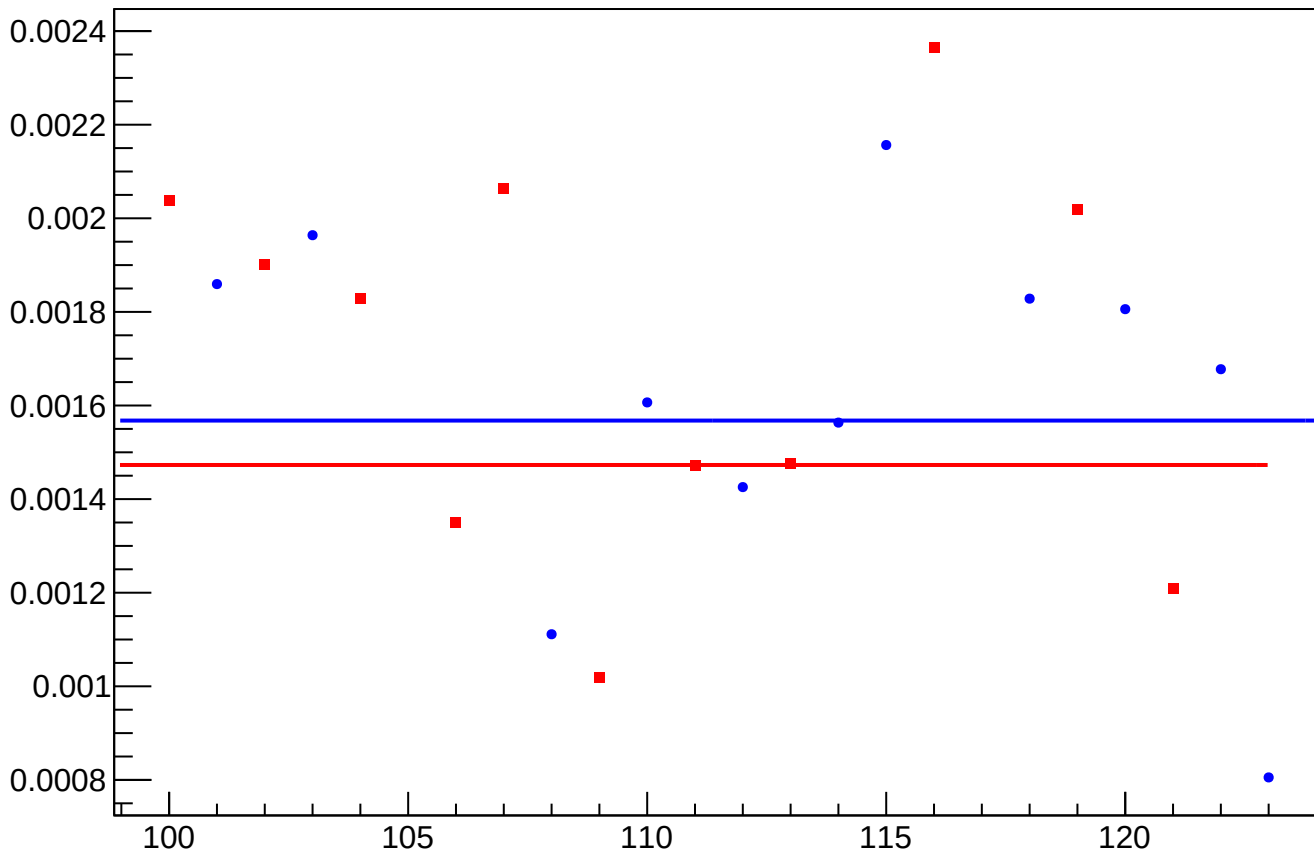
Right: -0.000+/-0.000 χ^2/NDF : 25.0/21

In: -0.000+/-0.000 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.0/21

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 351822.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 559786.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

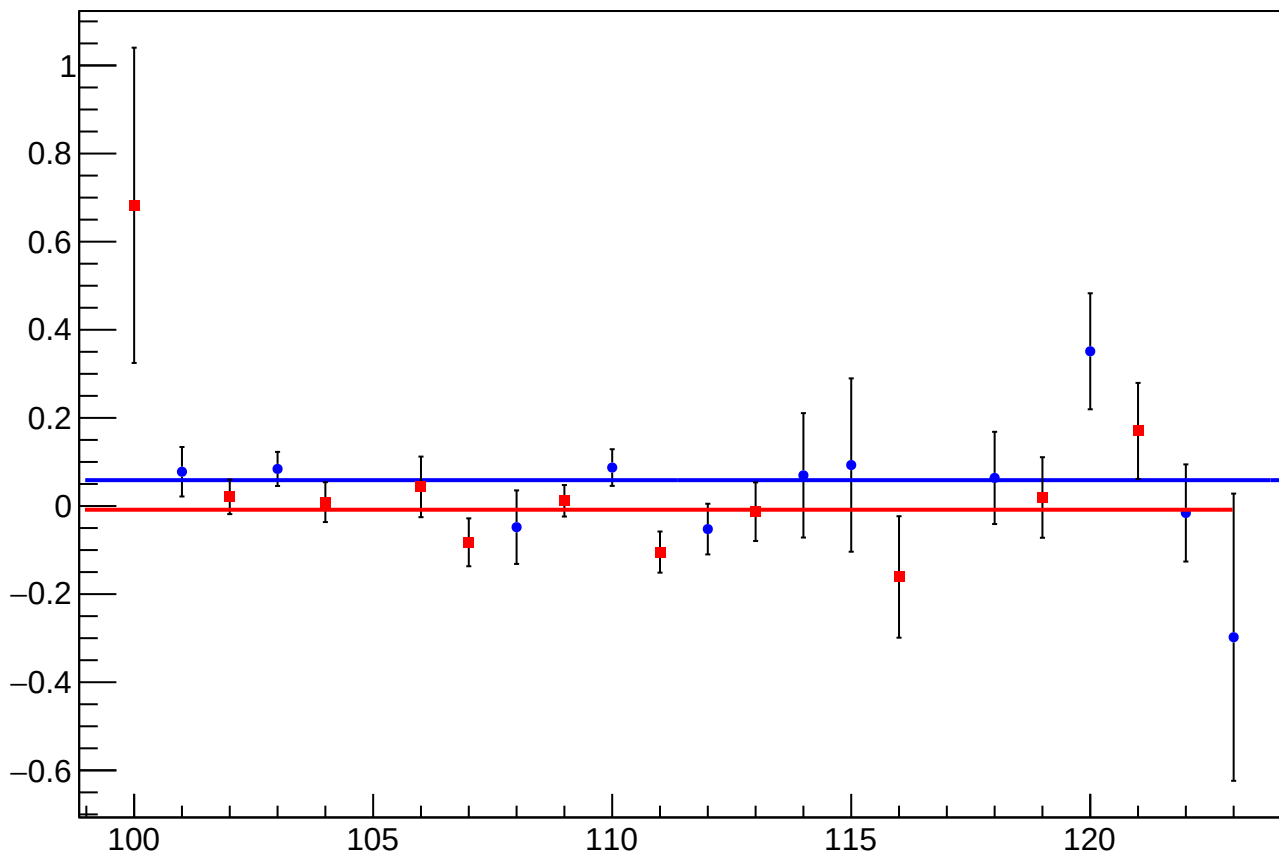
Right: 0.002+/-0.000 χ^2/NDF : 927505.6/21

In: 0.002+/-0.000 χ^2/NDF :351822.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 927505.6/21

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.021 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-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

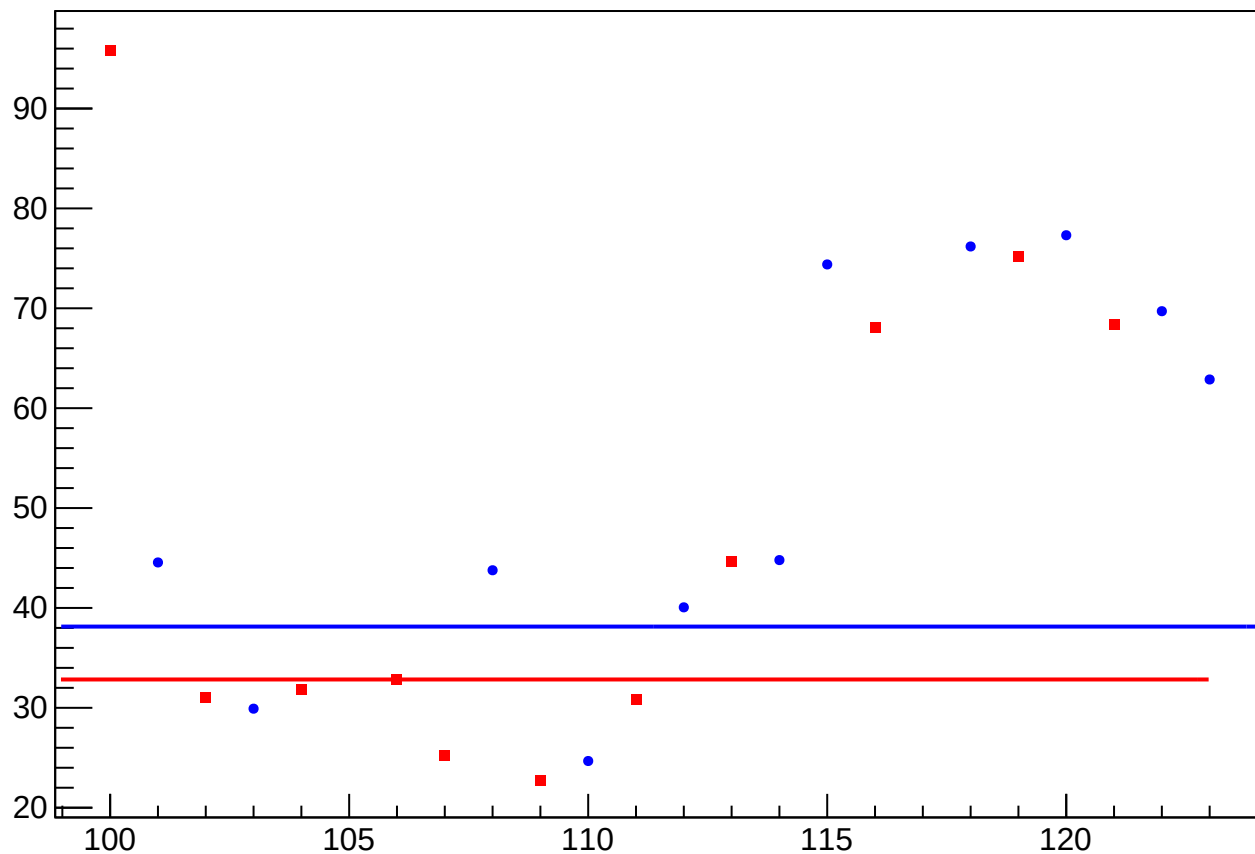
Right: 0.019+/-0.013 χ^2/NDF : 34.7/21

In: 0.059+/-0.021 χ^2/NDF : 13.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 34.7/21

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.015 χ^2/NDF : 1026401.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.838+/-0.012 χ^2/NDF : 1105440.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

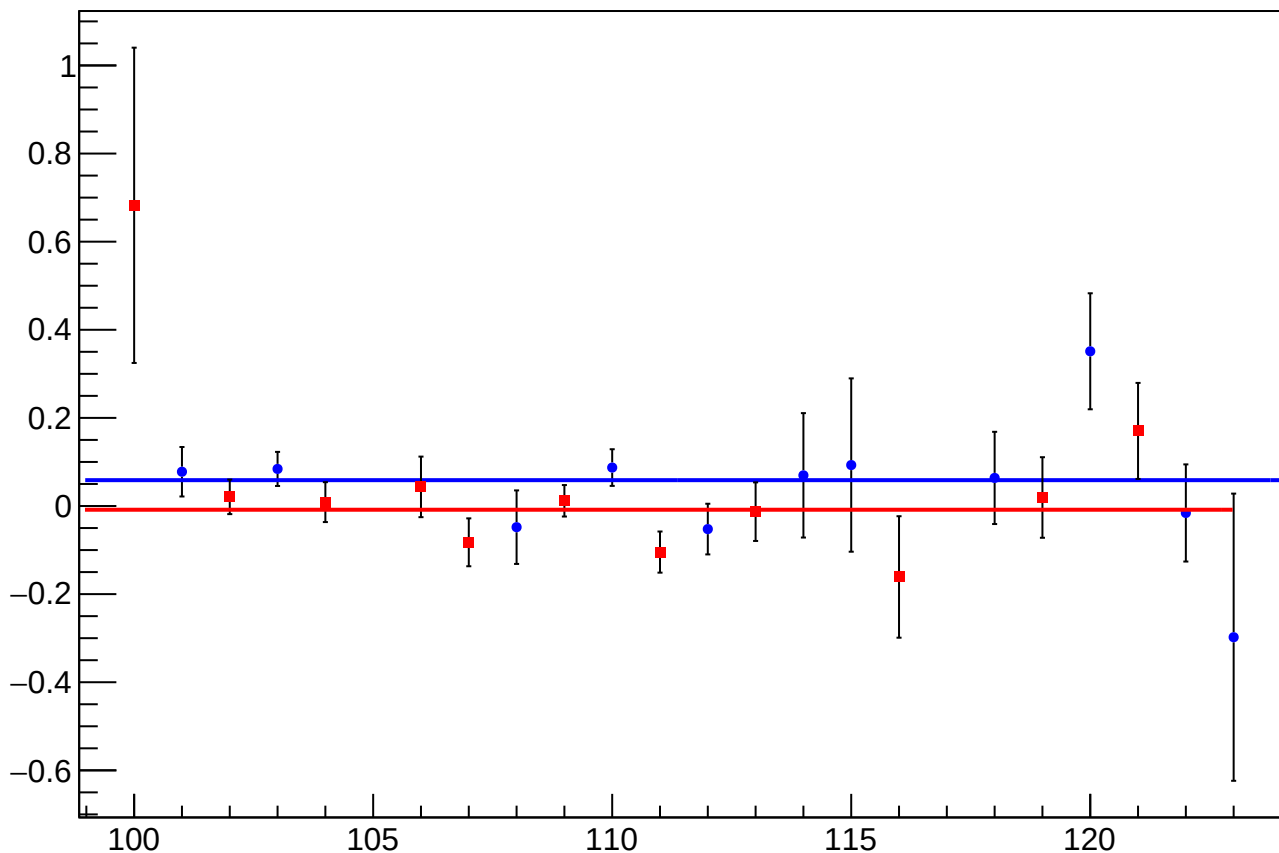
Right: 34.981+/-0.009 χ^2/NDF : 2209498.3/21

In: 38.134+/-0.015 χ^2/NDF :1026401.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.981+/-0.009 χ^2/NDF : 2209498.3/21

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.021 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 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

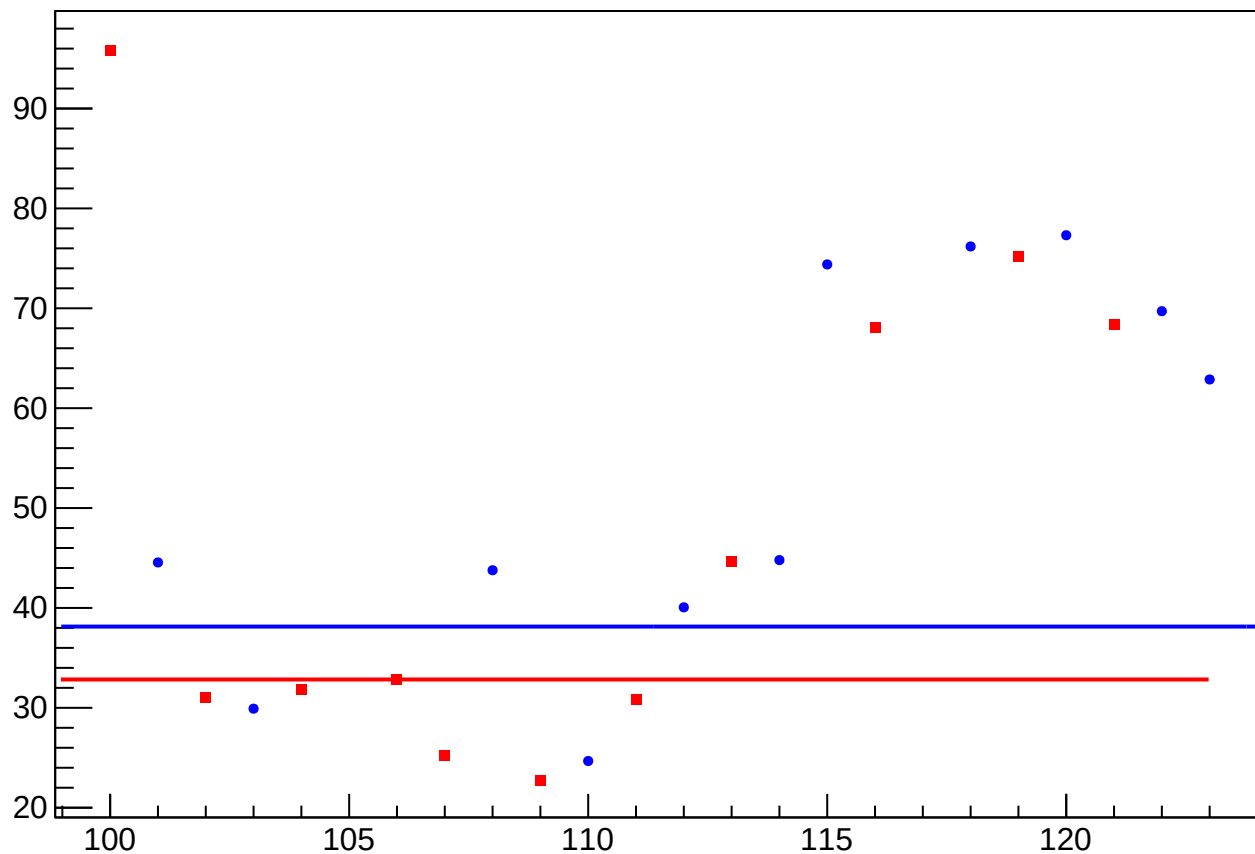
Right: 0.019 $\pm$ 0.013 χ^2 /NDF: 34.7/21

In: 0.059 $\pm$ 0.021 χ^2 /NDF:13.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 34.7/21

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.015 χ^2/NDF : 1026401.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.838+/-0.012 χ^2/NDF : 1105440.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

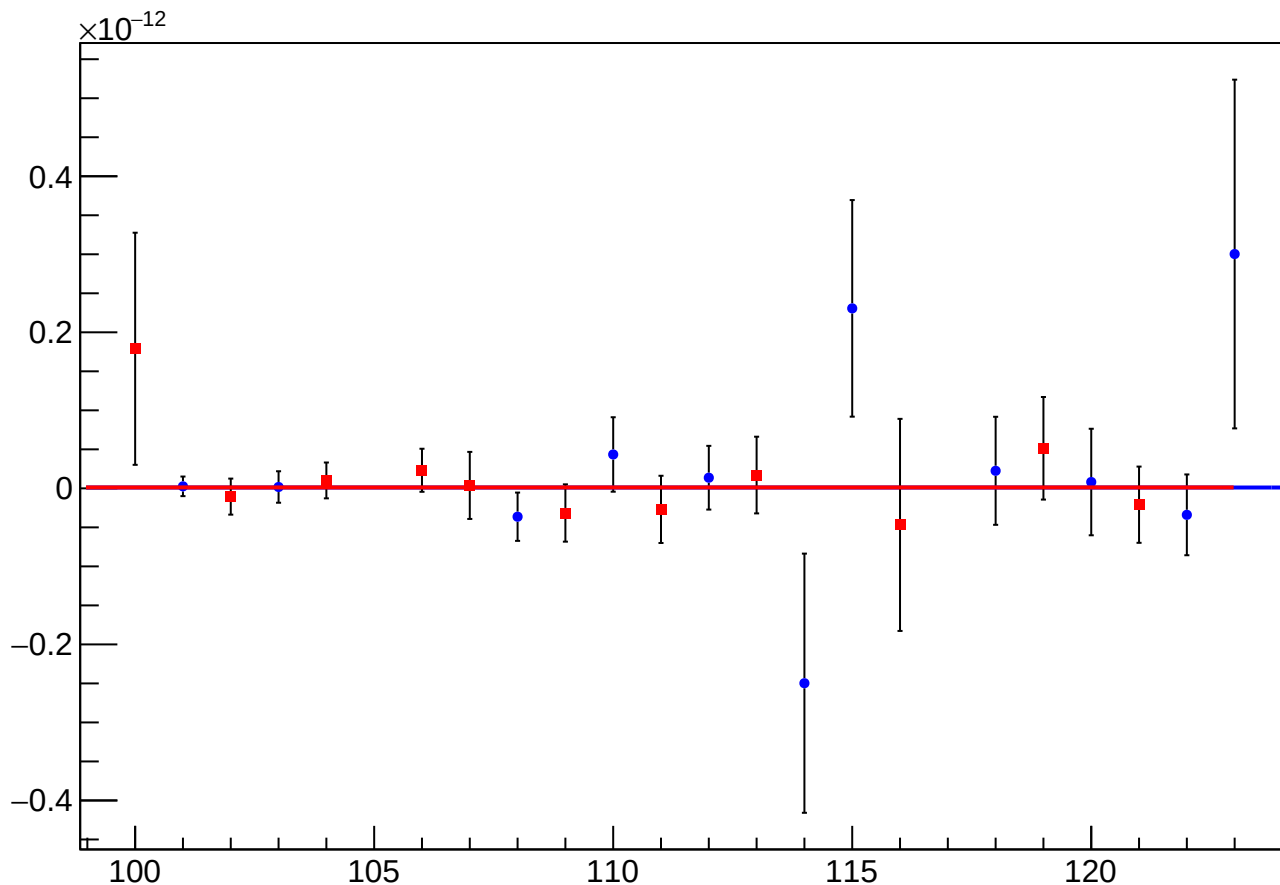
Right: 34.981+/-0.009 χ^2/NDF : 2209498.3/21

In: 38.134+/-0.015 χ^2/NDF :1026401.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.981+/-0.009 χ^2/NDF : 2209498.3/21

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.7/10

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

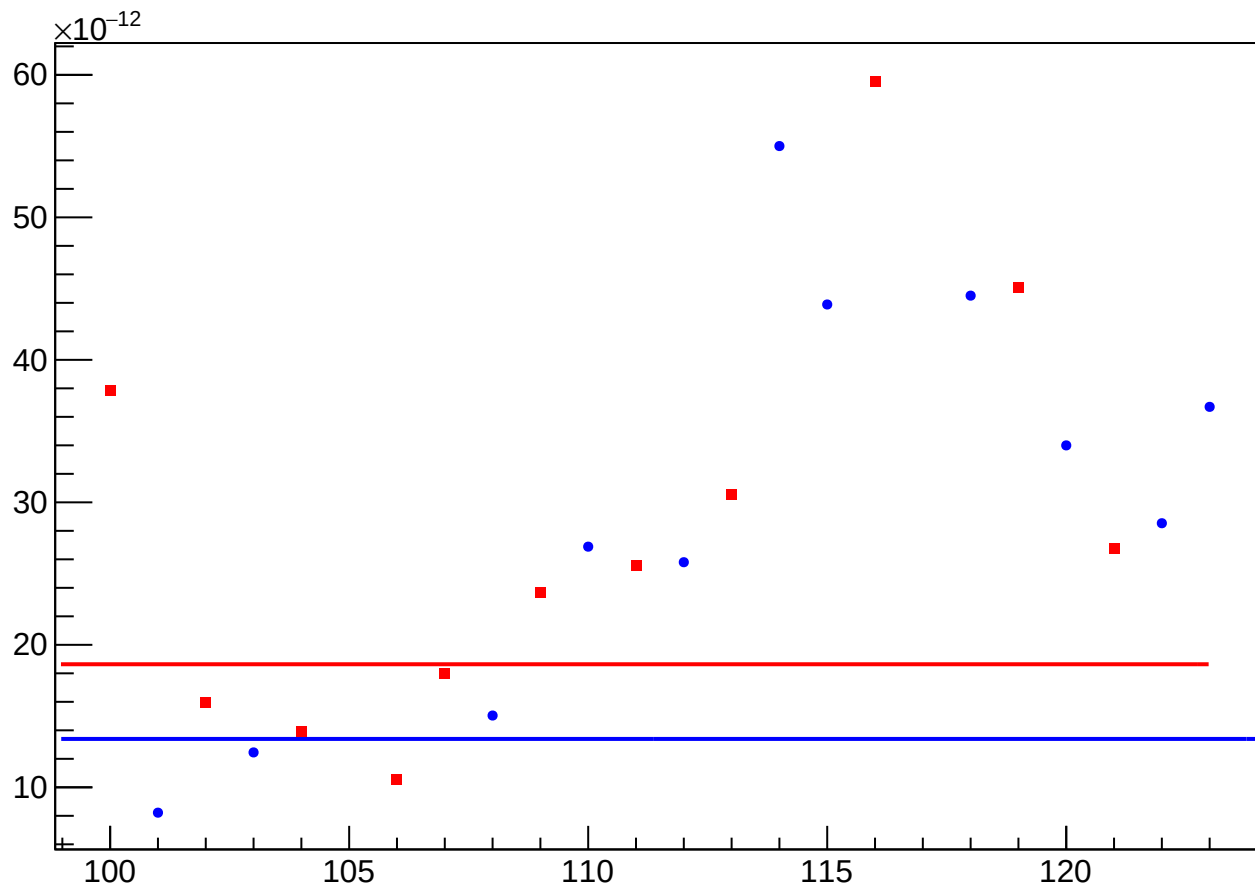
Right: 0.000+/-0.000 χ^2/NDF : 14.5/21

In: 0.000+/-0.000 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/21

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1695292.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1084409.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

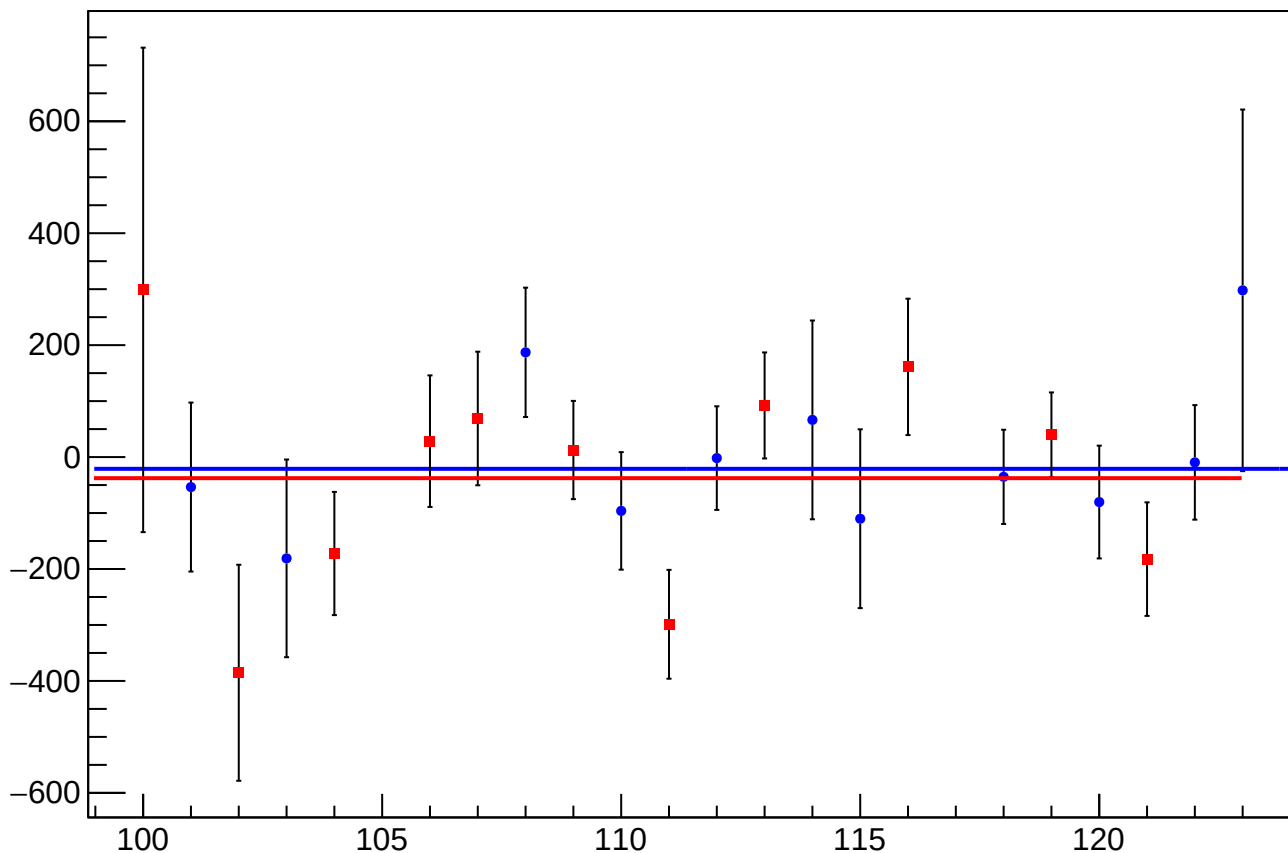
Right: 0.000+/-0.000 χ^2/NDF : 3042957.8/21

In: 0.000+/-0.000 χ^2/NDF : 1695292.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3042957.8/21

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -20.987 ± 35.948 χ^2/NDF : 6.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.698 ± 32.543 χ^2/NDF : 21.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

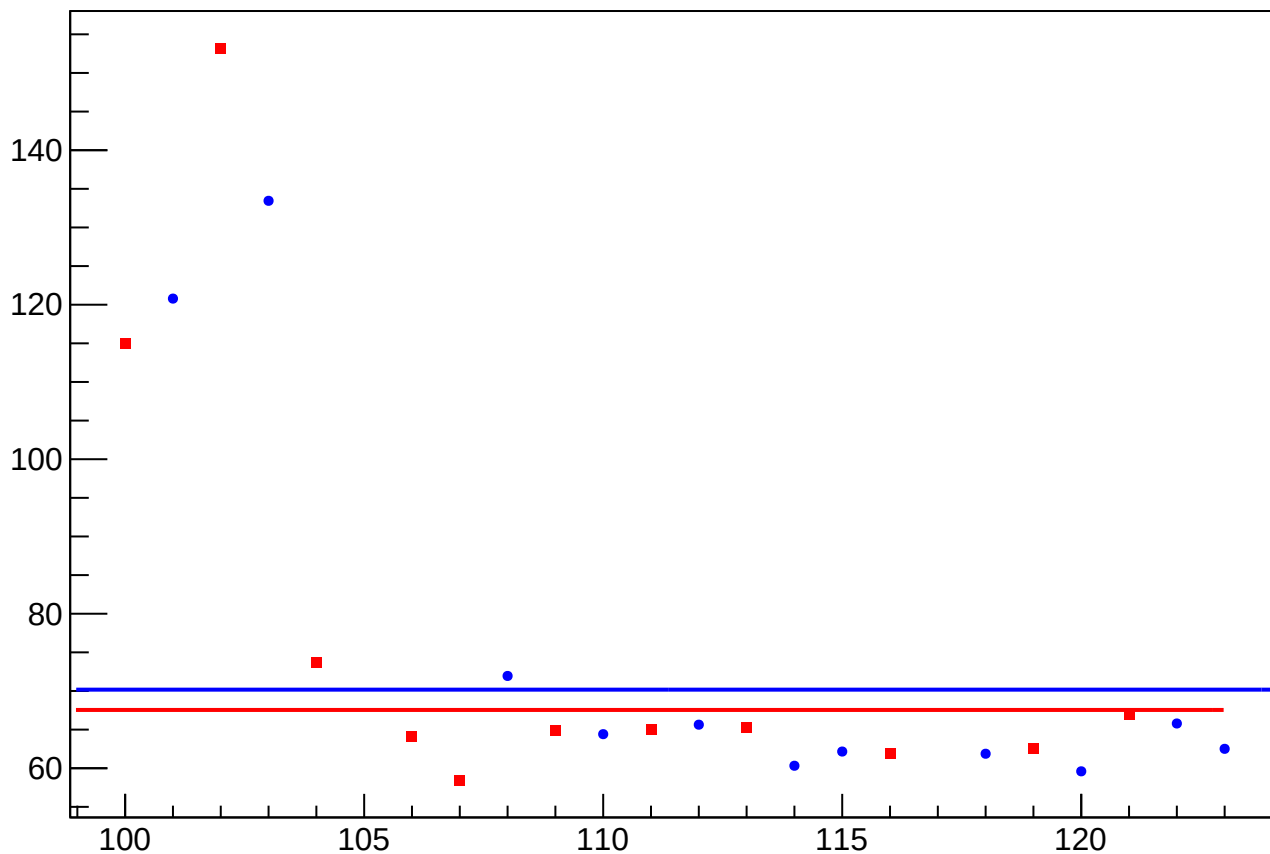
Right: -30.171 ± 24.126 χ^2/NDF : 28.3/21

In: -20.987 ± 35.948 χ^2/NDF : 6.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.171 ± 24.126 χ^2/NDF : 28.3/21

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.172+/-0.025 χ^2/NDF : 550206.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.545+/-0.023 χ^2/NDF : 454030.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

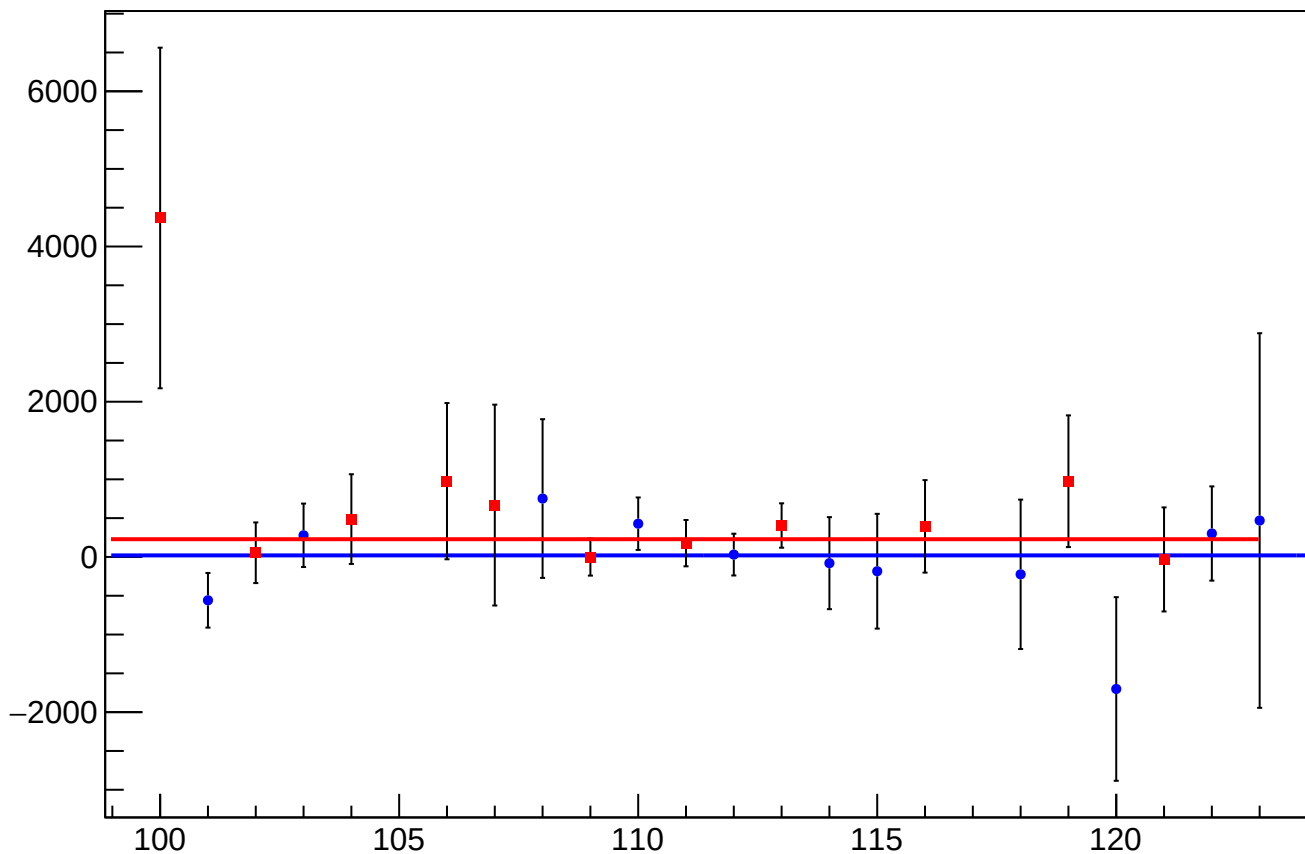
Right: 68.728+/-0.017 χ^2/NDF : 1010109.3/21

In: 70.172+/-0.025 χ^2/NDF : 550206.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.728+/-0.017 χ^2/NDF : 1010109.3/21

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 19.811+/-145.985 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.463+/-130.565 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

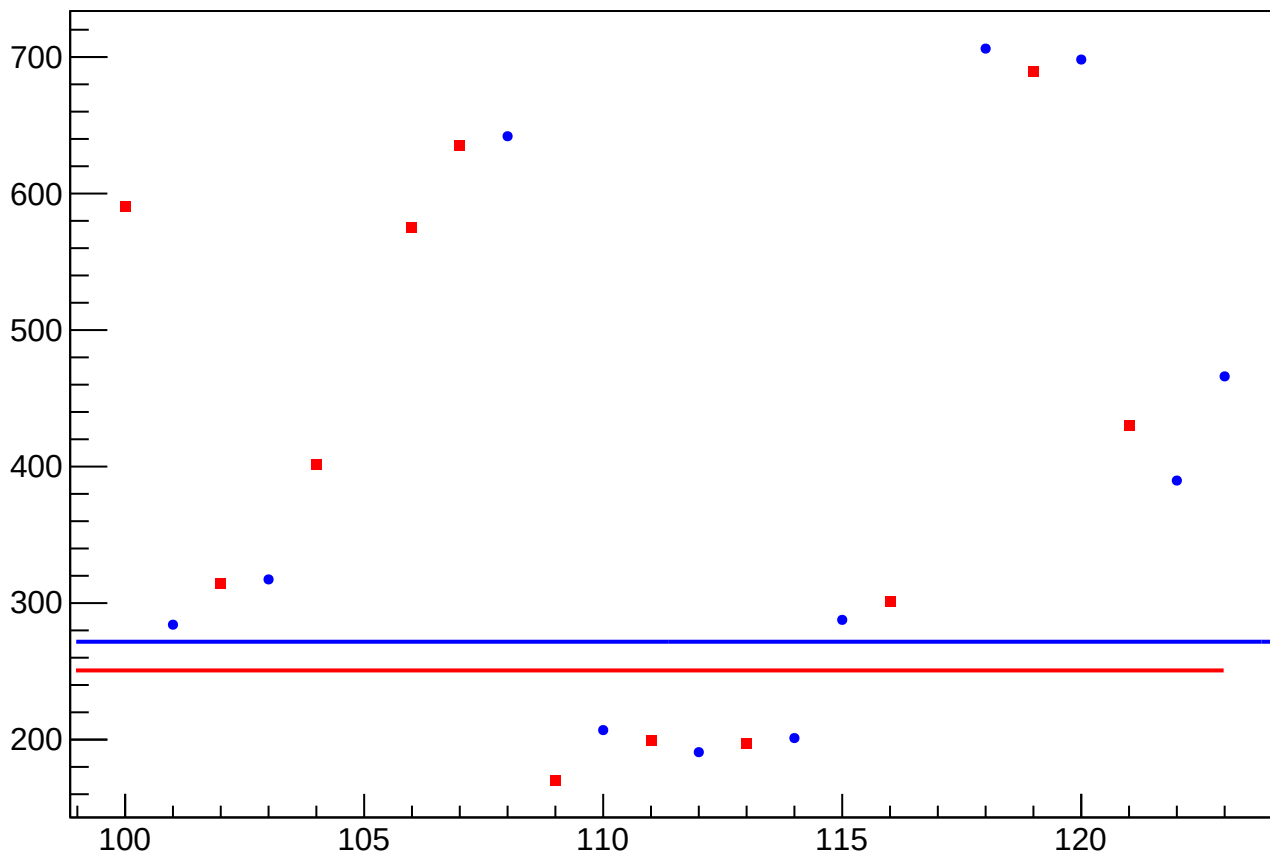
Right: 135.735+/-97.320 χ^2/NDF : 15.7/21

In: 19.811+/-145.985 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.735+/-97.320 χ^2/NDF : 15.7/21

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 271.702+/-0.103 χ^2/NDF : 1328933.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.669+/-0.092 χ^2/NDF : 1669911.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

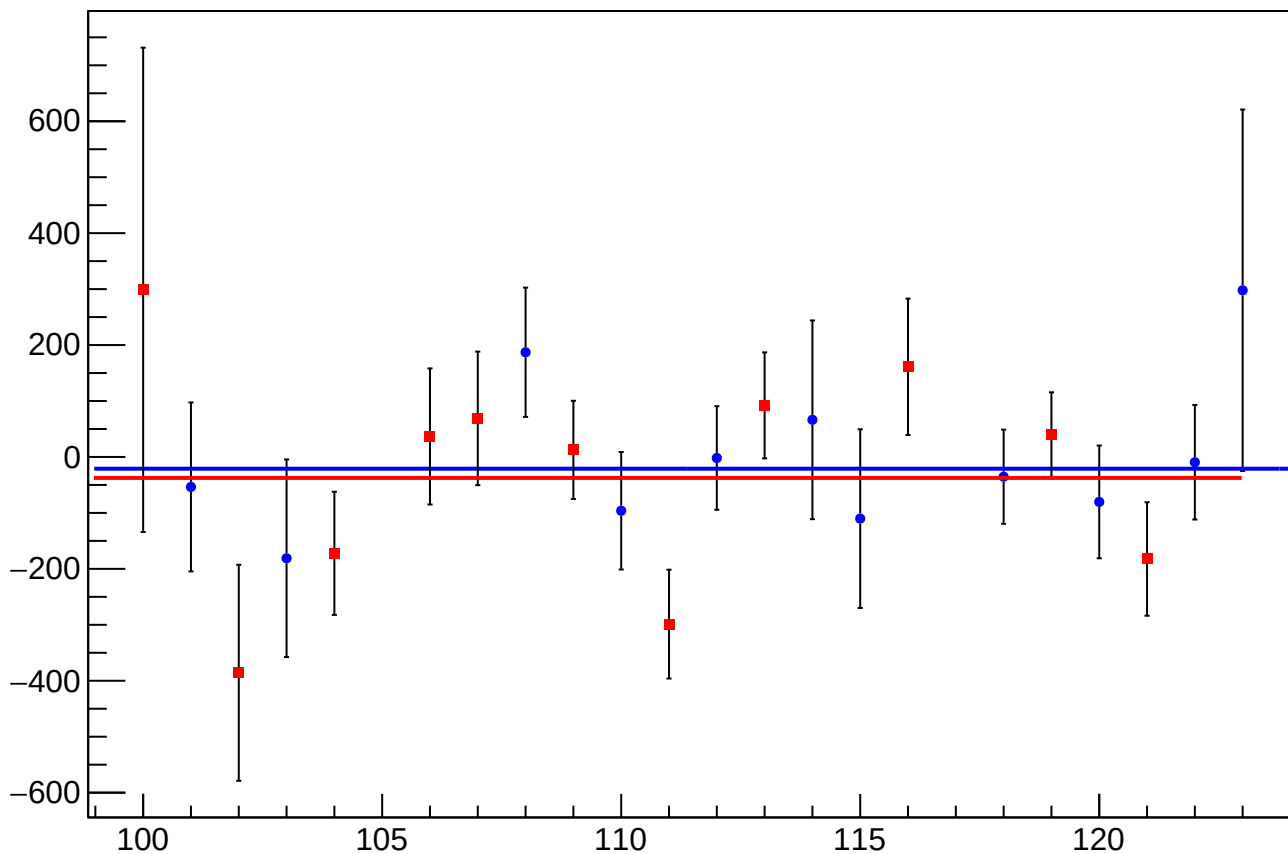
Right: 260.017+/-0.069 χ^2/NDF : 3021909.4/21

In: 271.702+/-0.103 χ^2/NDF : 1328933.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.017+/-0.069 χ^2/NDF : 3021909.4/21

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -20.990+/-35.948 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.443+/-32.626 χ^2/NDF : 21.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

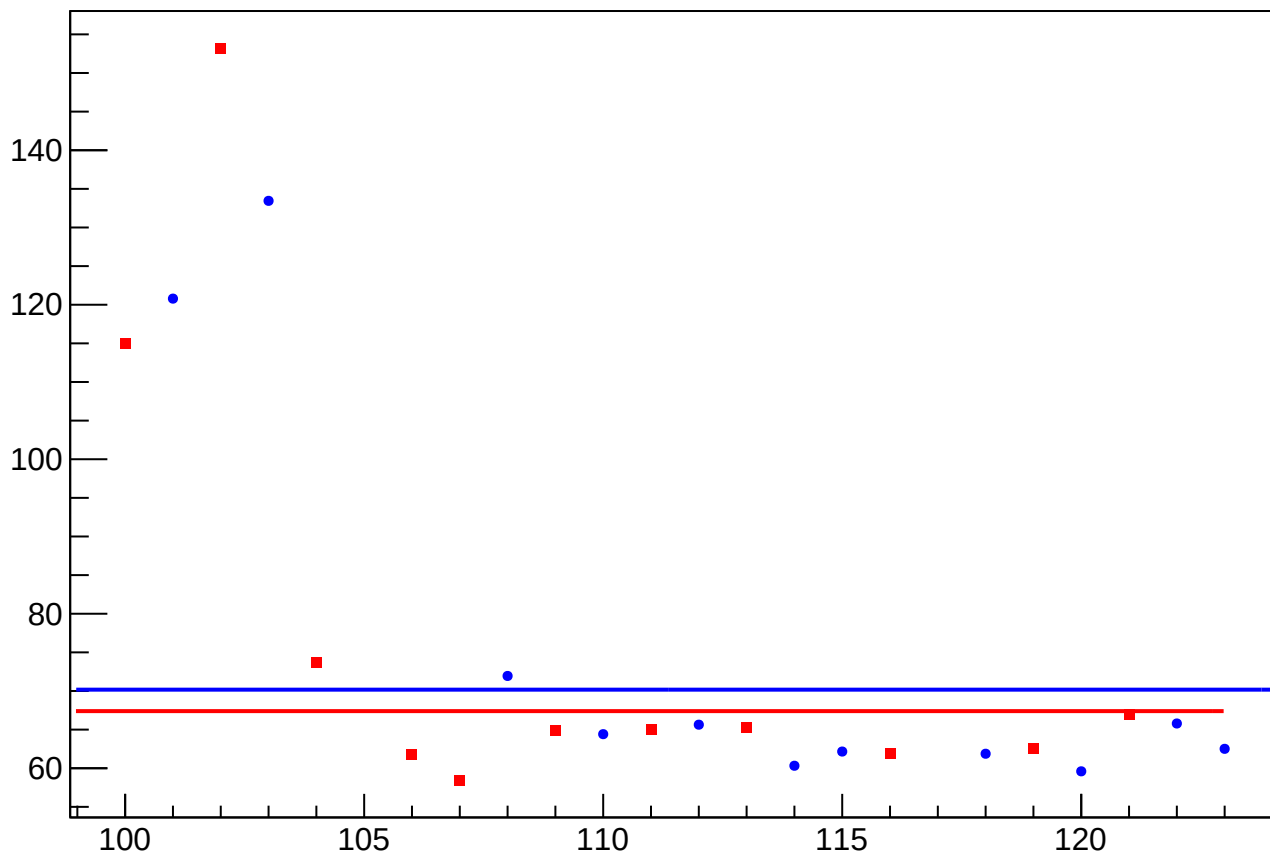
Right: -30.011+/-24.159 χ^2/NDF : 28.4/21

In: -20.990+/-35.948 χ^2/NDF :6.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -30.011+/-24.159 χ^2/NDF : 28.4/21

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.172+/-0.025 χ^2/NDF : 550207.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.394+/-0.023 χ^2/NDF : 456837.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

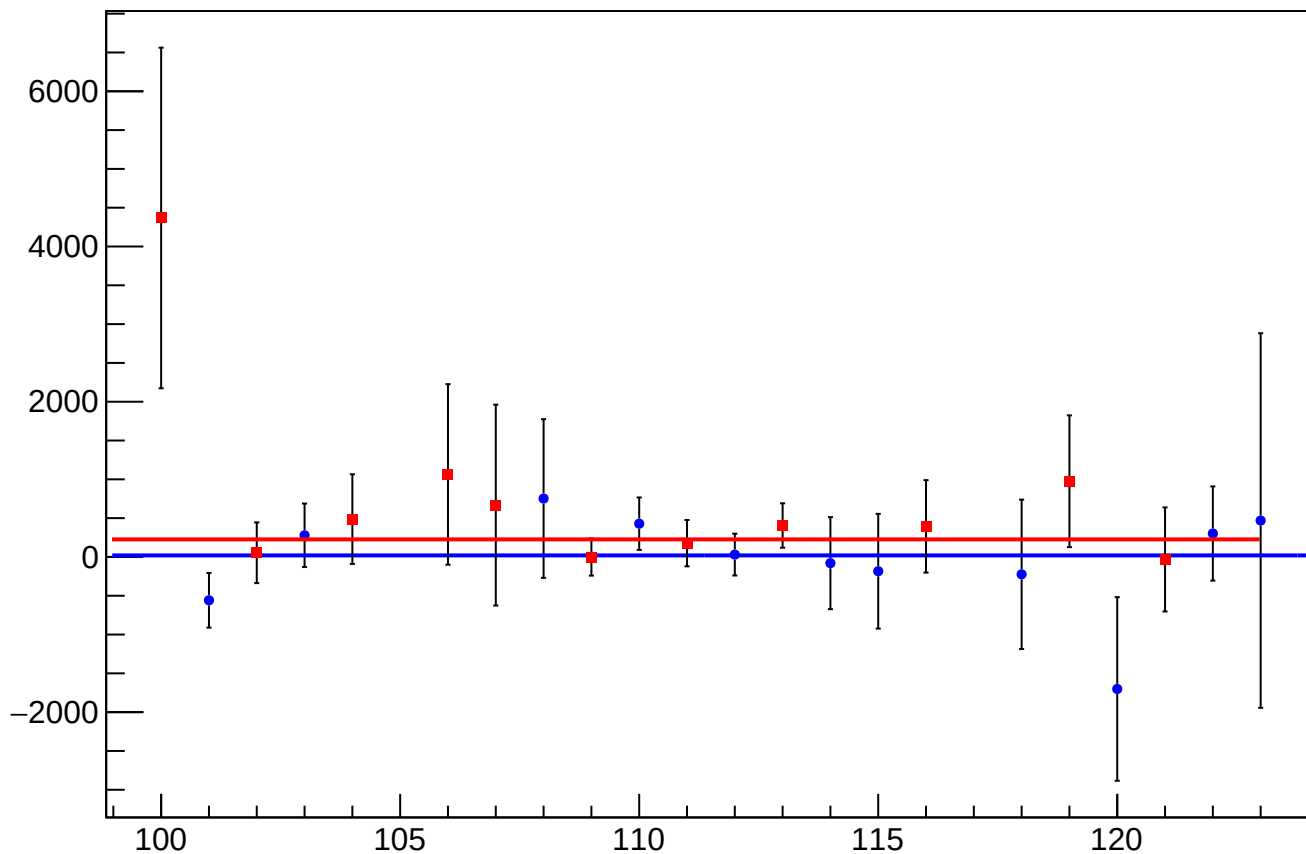
Right: 68.649+/-0.017 χ^2/NDF : 1013594.5/21

In: 70.172+/-0.025 χ^2/NDF : 550207.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.649+/-0.017 χ^2/NDF : 1013594.5/21

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 19.817+/-145.987 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.401+/-130.848 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

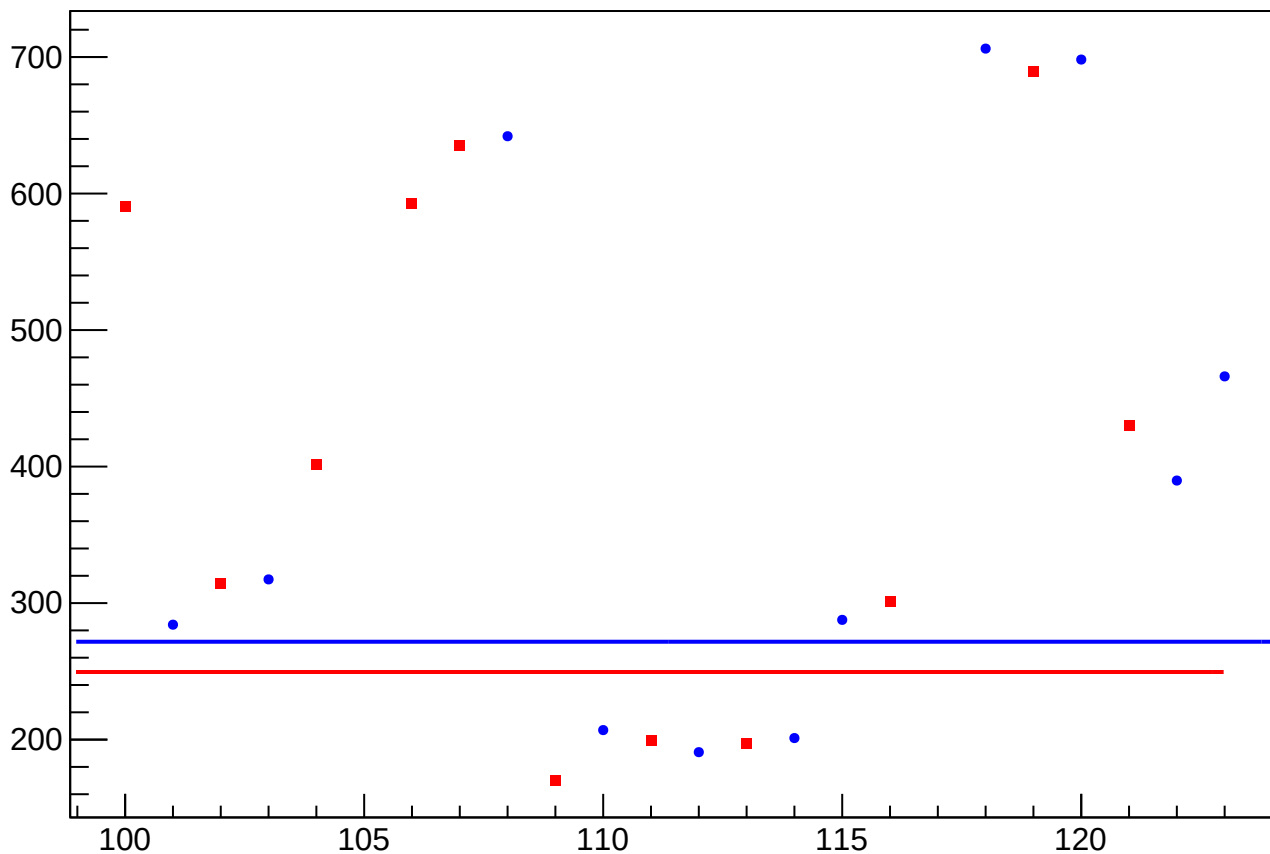
Right: 134.372+/-97.438 χ^2/NDF : 15.6/21

In: 19.817+/-145.987 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.372+/-97.438 χ^2/NDF : 15.6/21

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 271.704+/-0.103 χ^2/NDF : 1328953.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.533+/-0.093 χ^2/NDF : 1635641.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

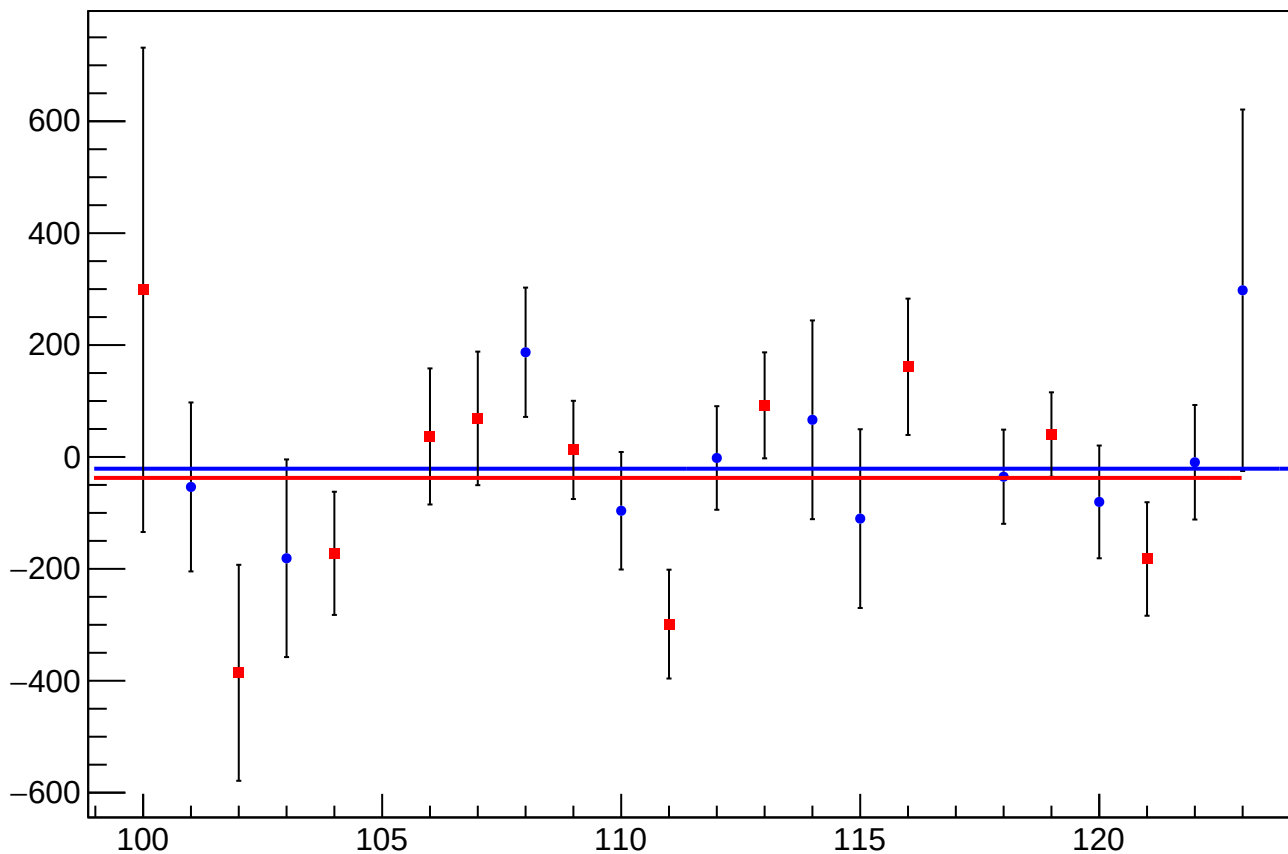
Right: 259.410+/-0.069 χ^2/NDF : 2990175.1/21

In: 271.704+/-0.103 χ^2/NDF : 1328953.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.410+/-0.069 χ^2/NDF : 2990175.1/21

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -20.990 ± 35.948 χ^2/NDF : 6.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.443 ± 32.626 χ^2/NDF : 21.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

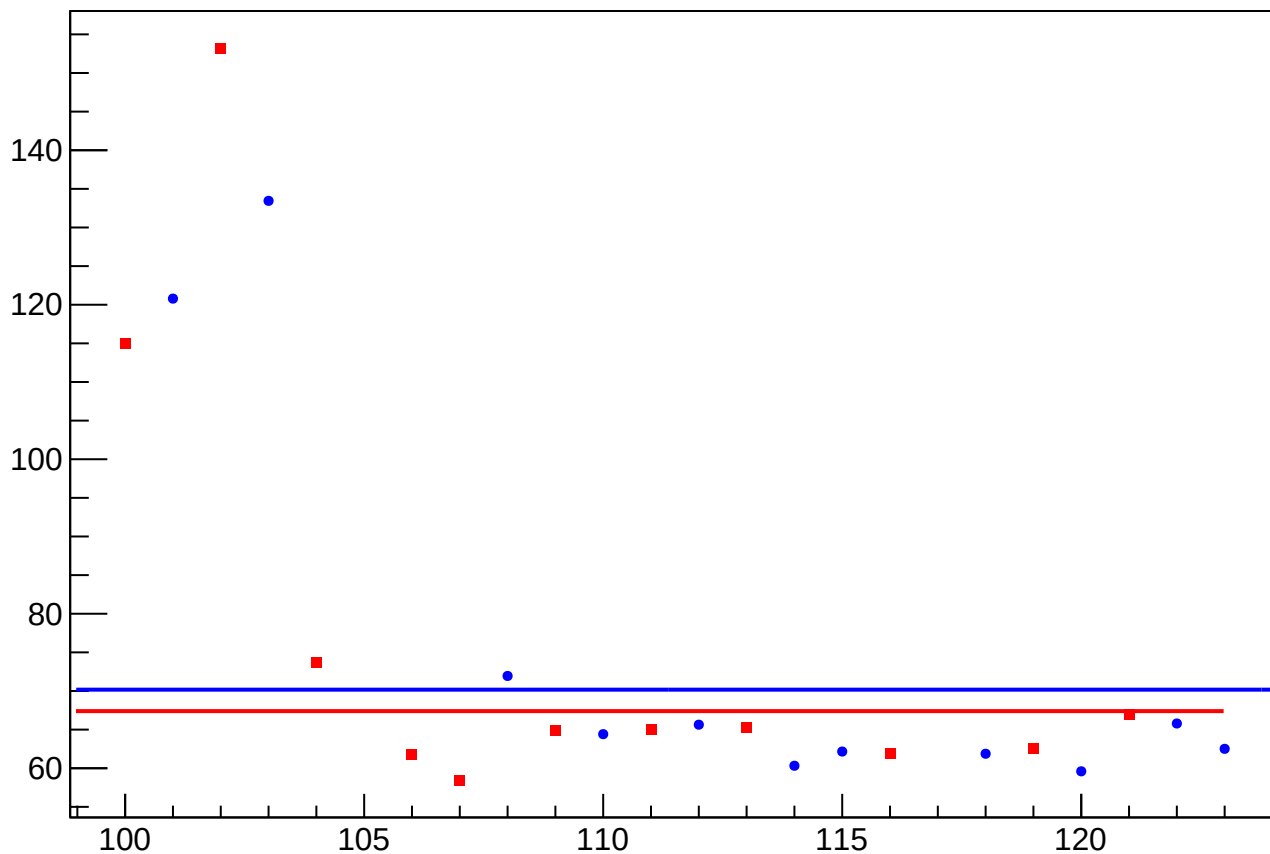
Right: -30.011 ± 24.159 χ^2/NDF : 28.4/21

In: -20.990 ± 35.948 χ^2/NDF : 6.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.011 ± 24.159 χ^2/NDF : 28.4/21

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.172+/-0.025 χ^2/NDF : 550207.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.394+/-0.023 χ^2/NDF : 456837.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

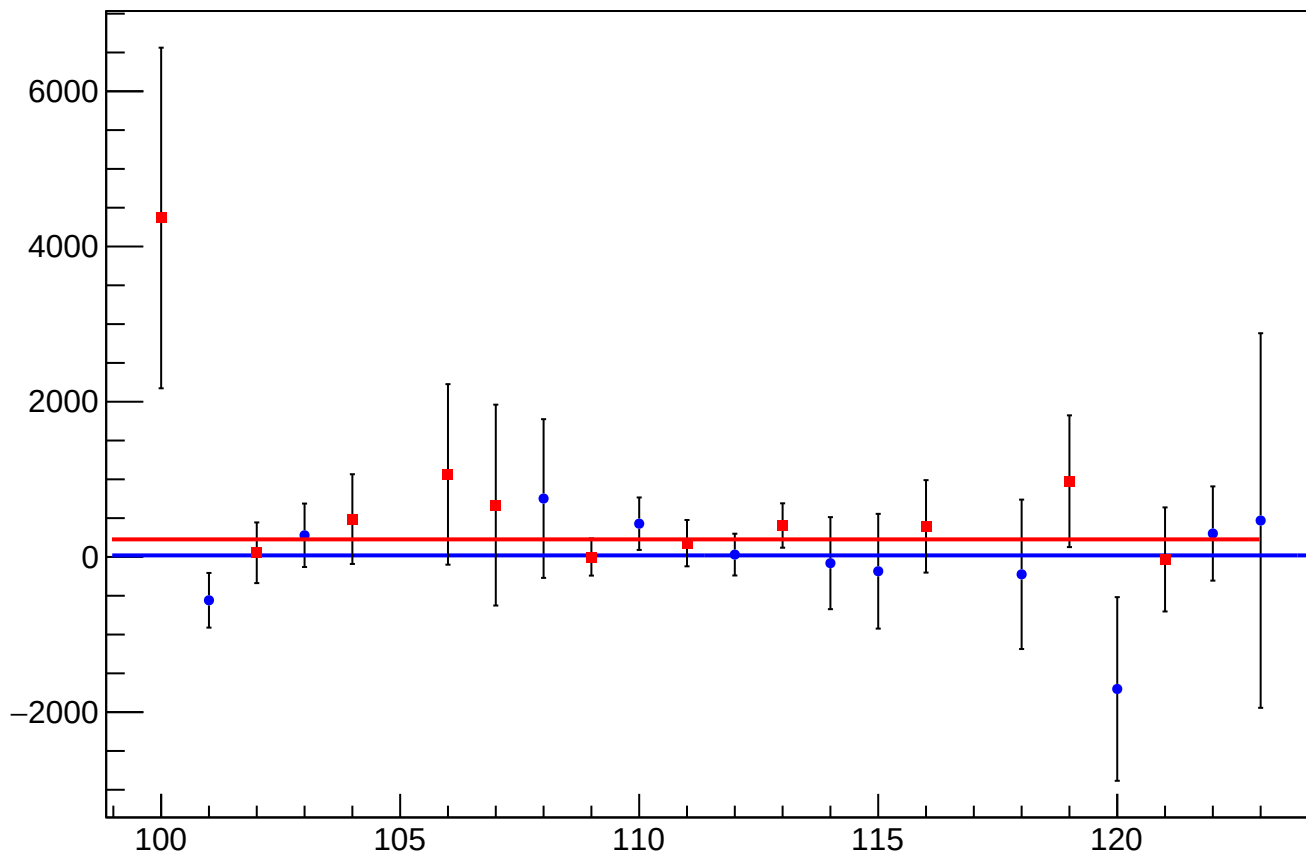
Right: 68.649+/-0.017 χ^2/NDF : 1013594.5/21

In: 70.172+/-0.025 χ^2/NDF : 550207.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.649+/-0.017 χ^2/NDF : 1013594.5/21

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 19.817+/-145.987 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.401+/-130.848 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

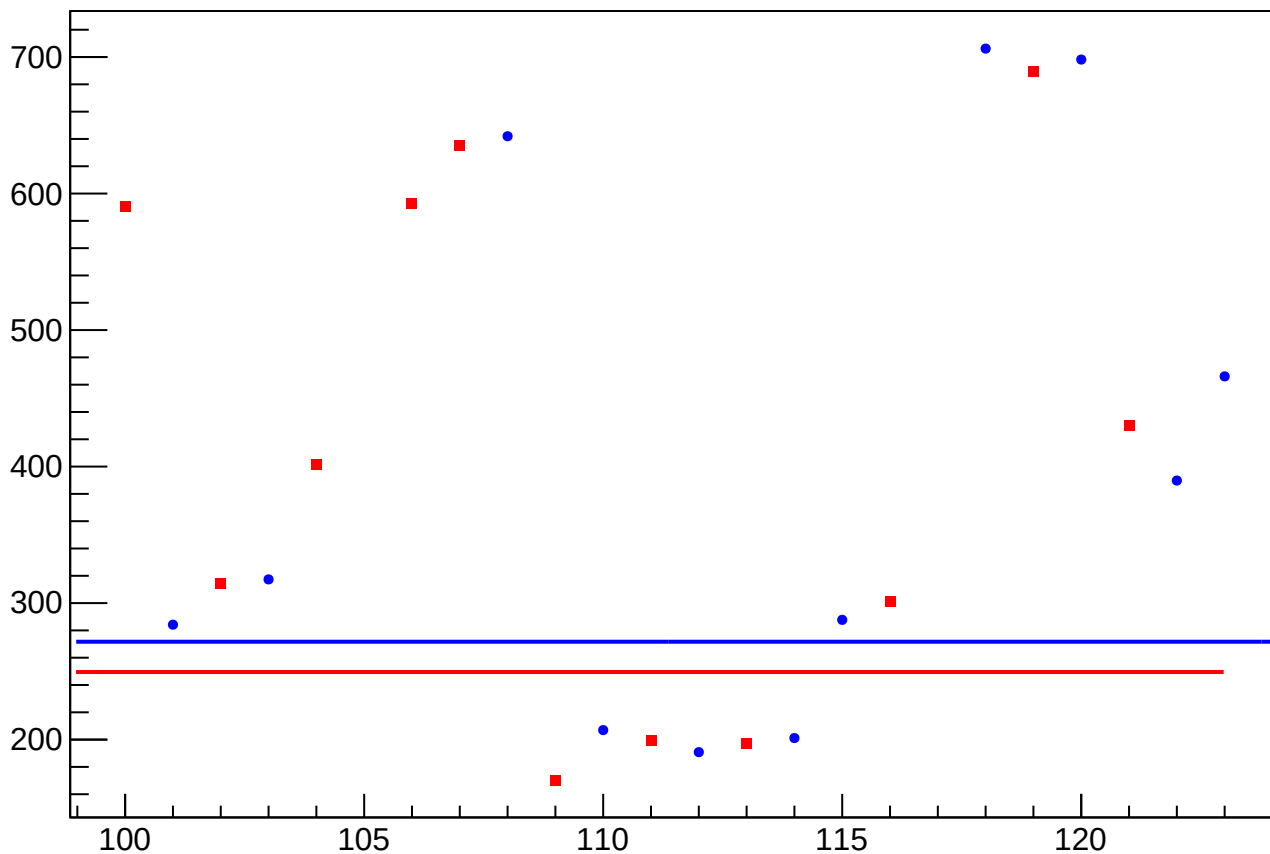
Right: 134.372+/-97.438 χ^2/NDF : 15.6/21

In: 19.817+/-145.987 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.372+/-97.438 χ^2/NDF : 15.6/21

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 271.704+/-0.103 χ^2/NDF : 1328953.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.533+/-0.093 χ^2/NDF : 1635641.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

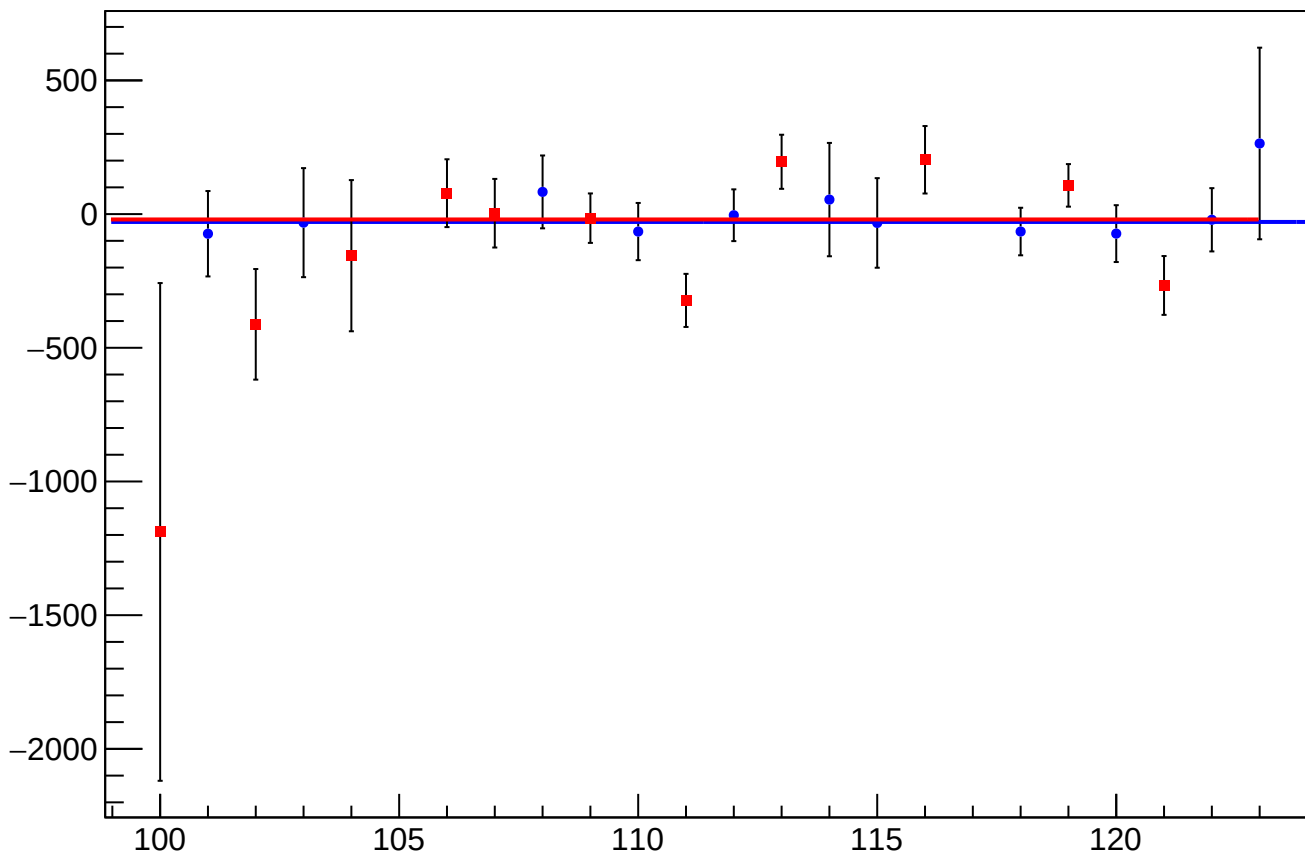
Right: 259.410+/-0.069 χ^2/NDF : 2990175.1/21

In: 271.704+/-0.103 χ^2/NDF : 1328953.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.410+/-0.069 χ^2/NDF : 2990175.1/21

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -29.362 ± 38.825 χ^2/NDF : 2.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.057 ± 35.820 χ^2/NDF : 30.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

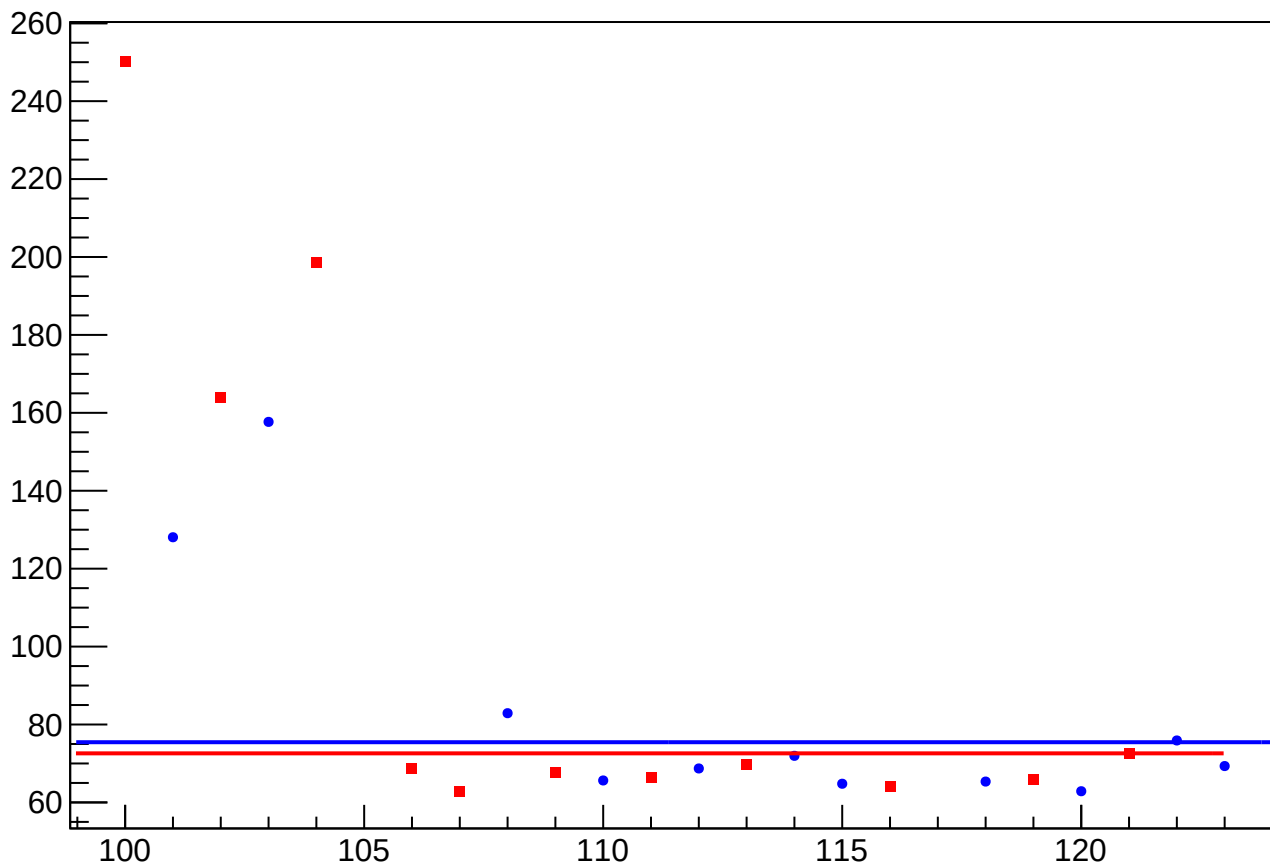
Right: -24.336 ± 26.327 χ^2/NDF : 32.7/21

In: -29.362 ± 38.825 χ^2/NDF : 2.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.336 ± 26.327 χ^2/NDF : 32.7/21

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.455+/-0.027 χ^2/NDF : 637730.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.596+/-0.025 χ^2/NDF : 912115.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

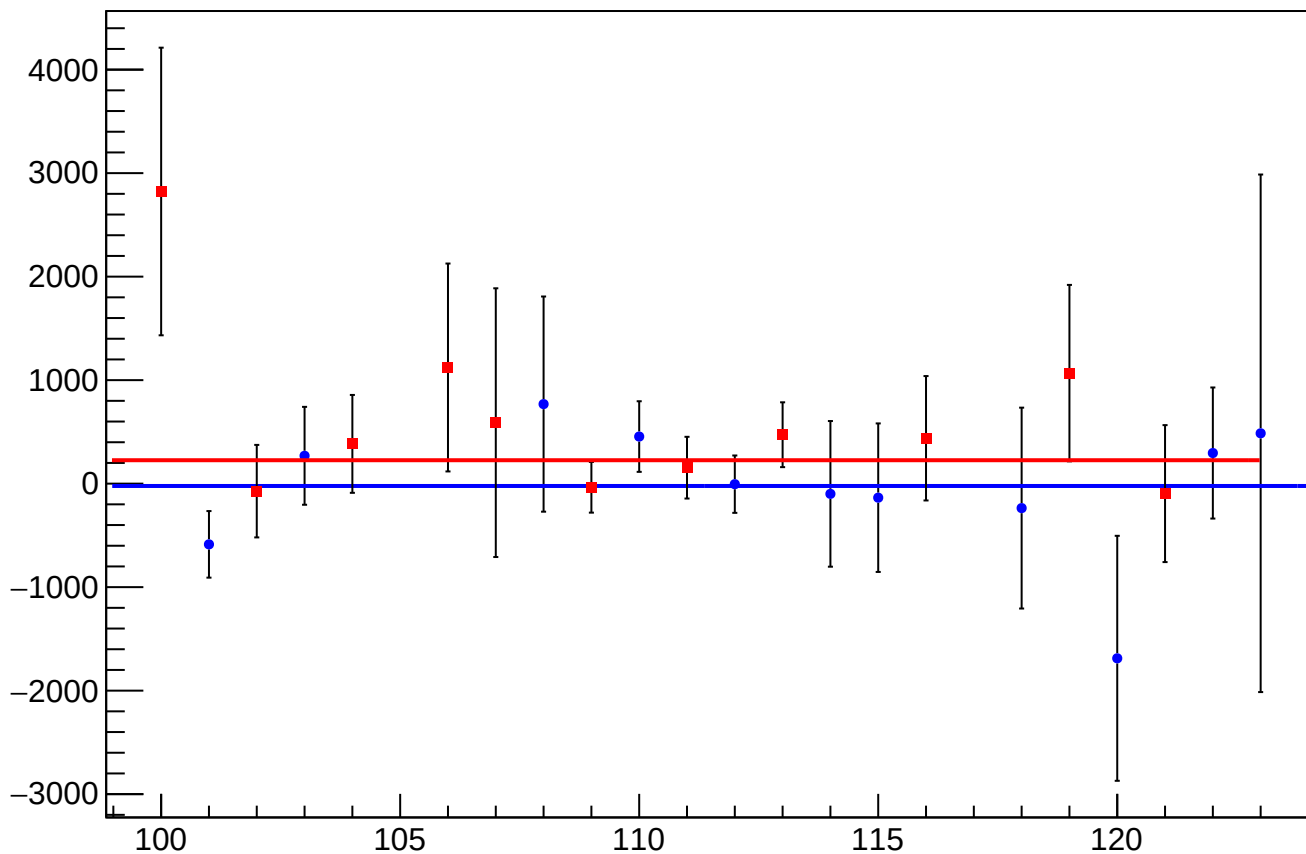
Right: 73.910+/-0.019 χ^2/NDF : 1555702.4/21

In: 75.455+/-0.027 χ^2/NDF : 637730.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.910+/-0.019 χ^2/NDF : 1555702.4/21

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -22.564+/-148.948 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.249+/-133.459 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

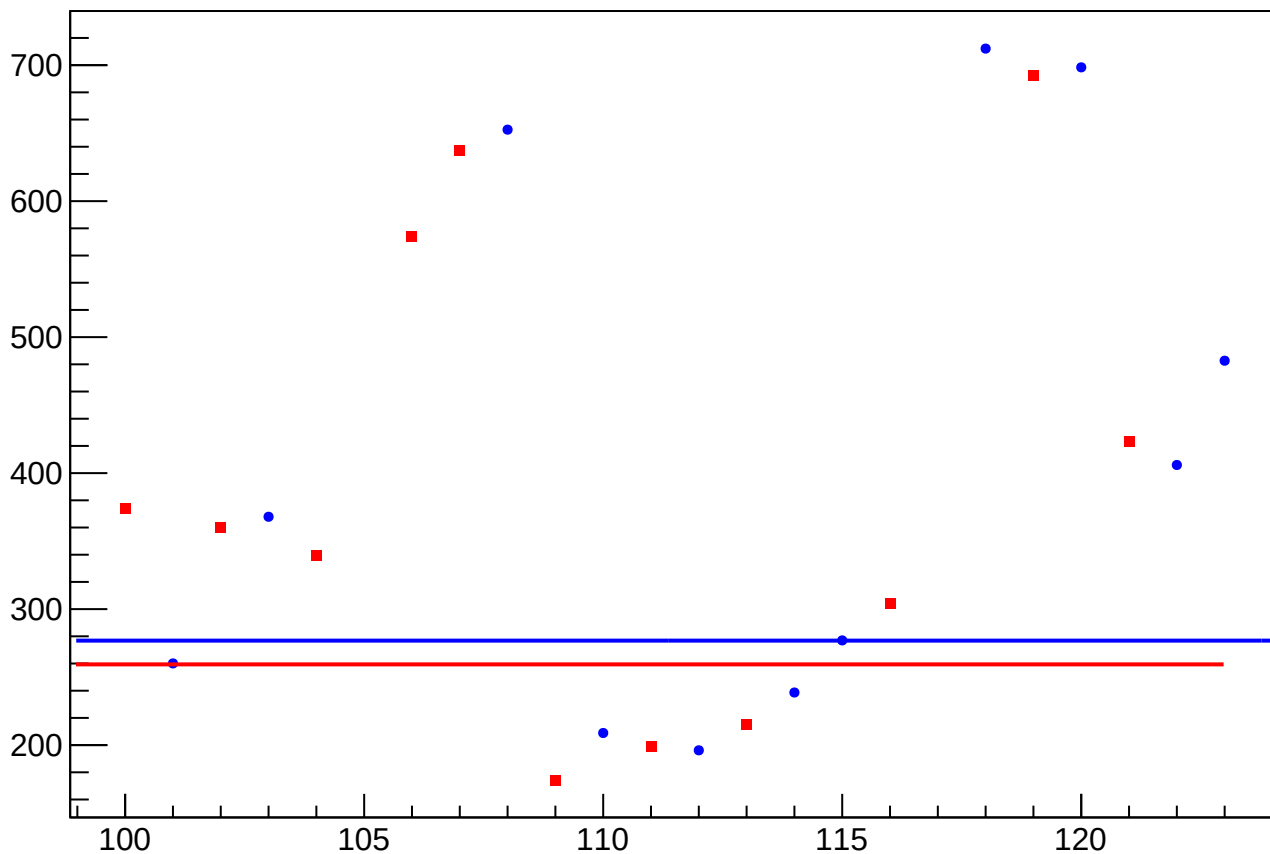
Right: 115.448+/-99.396 χ^2/NDF : 18.0/21

In: -22.564+/-148.948 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.448+/-99.396 χ^2/NDF : 18.0/21

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 276.835+/-0.105 χ^2/NDF : 1348575.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.360+/-0.094 χ^2/NDF : 1552297.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

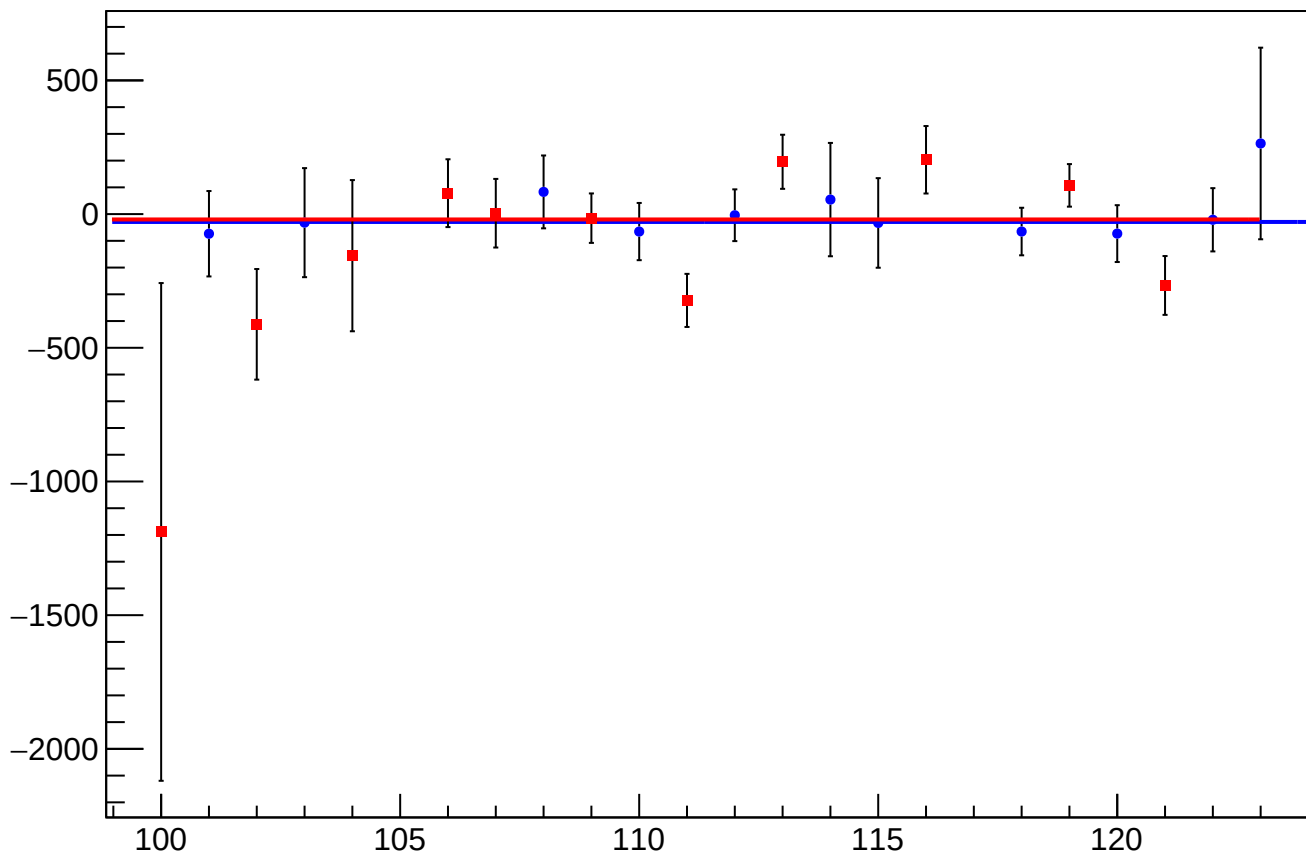
Right: 267.142+/-0.070 χ^2/NDF : 2916143.2/21

In: 276.835+/-0.105 χ^2/NDF : 1348575.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.142+/-0.070 χ^2/NDF : 2916143.2/21

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -29.362 $\pm$ 38.825 χ^2 /NDF: 2.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.058 $\pm$ 35.820 χ^2 /NDF: 30.6/10

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

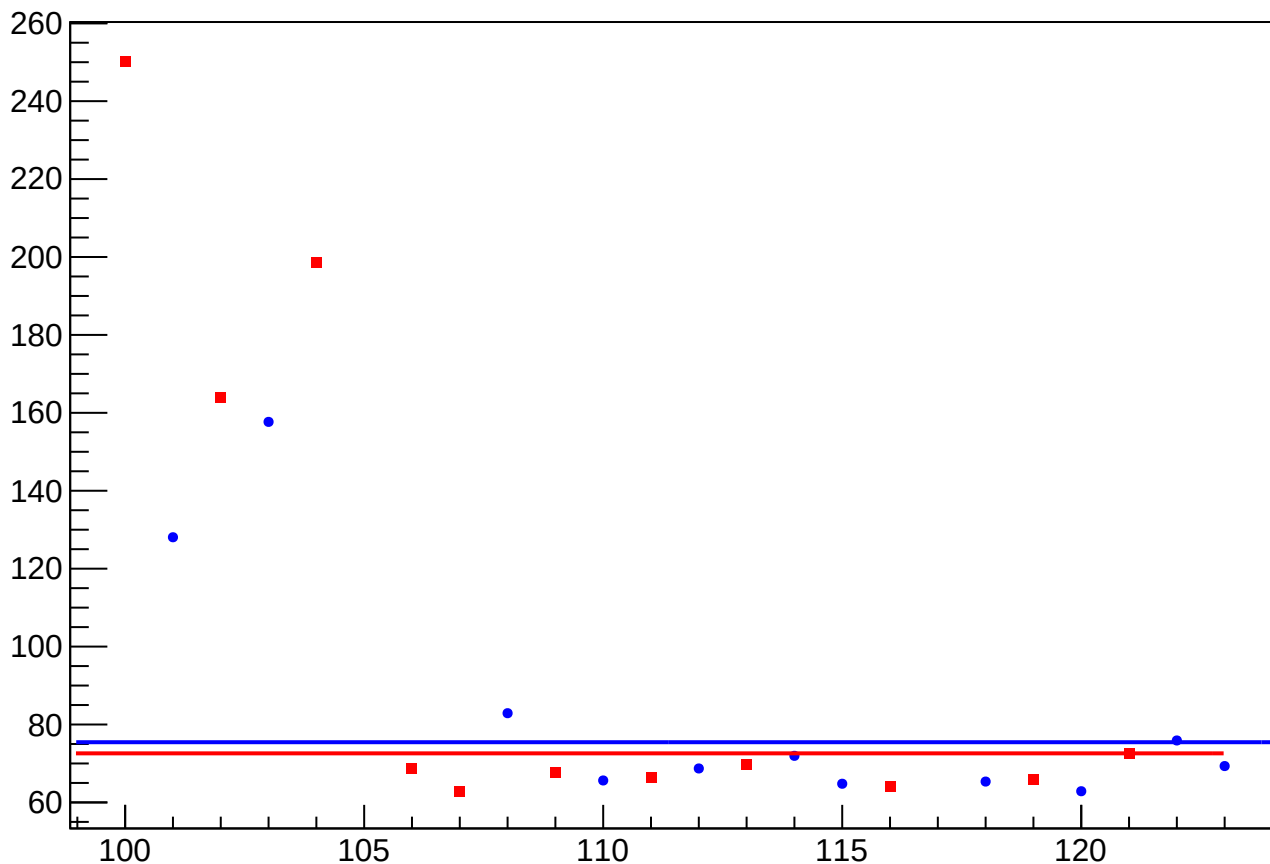
Right: -24.336 $\pm$ 26.327 χ^2 /NDF: 32.7/21

In: -29.362 $\pm$ 38.825 χ^2 /NDF:2.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.336 $\pm$ 26.327 χ^2 /NDF: 32.7/21

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.454+/-0.027 χ^2/NDF : 637732.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.596+/-0.025 χ^2/NDF : 912115.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

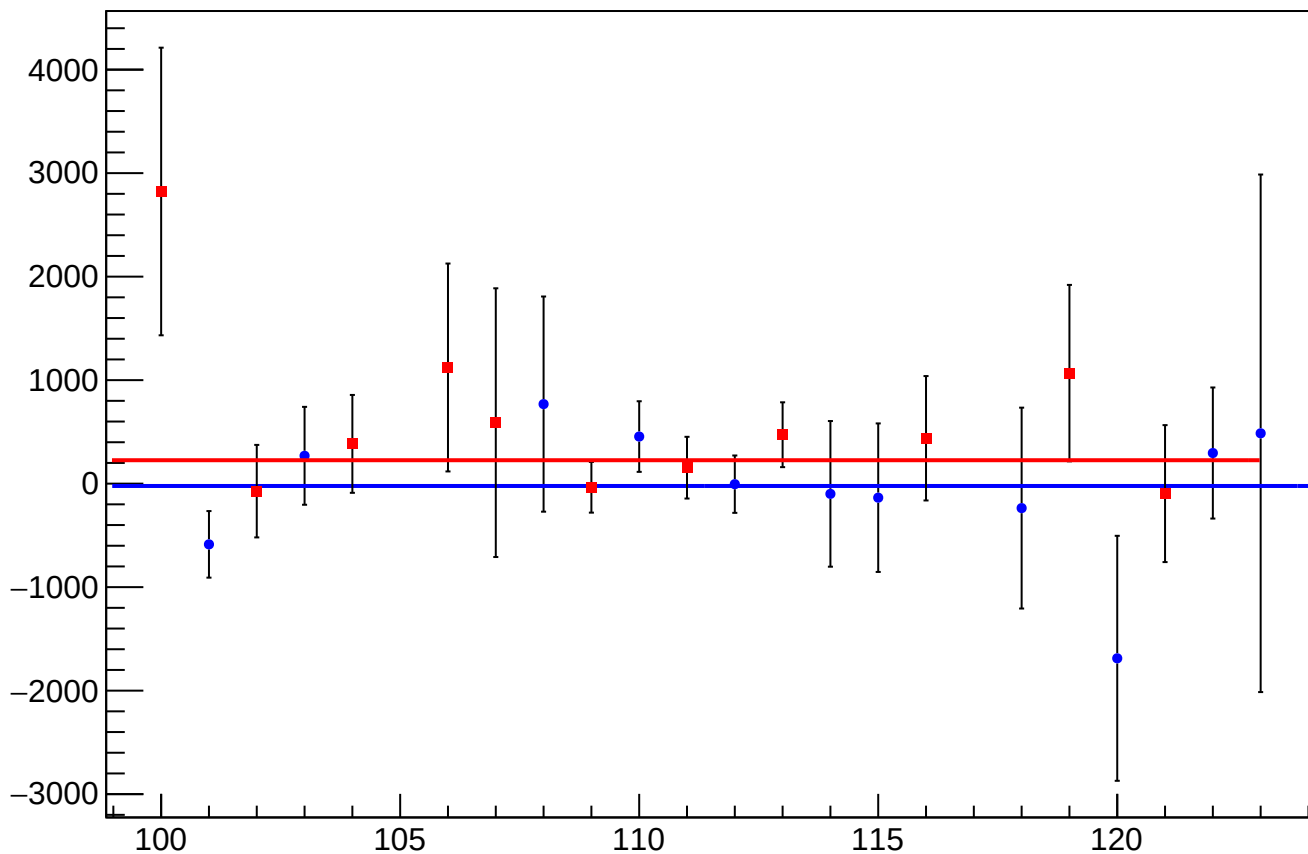
Right: 73.910+/-0.019 χ^2/NDF : 1555704.8/21

In: 75.454+/-0.027 χ^2/NDF : 637732.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.910+/-0.019 χ^2/NDF : 1555704.8/21

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -22.564+/-148.947 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.247+/-133.458 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

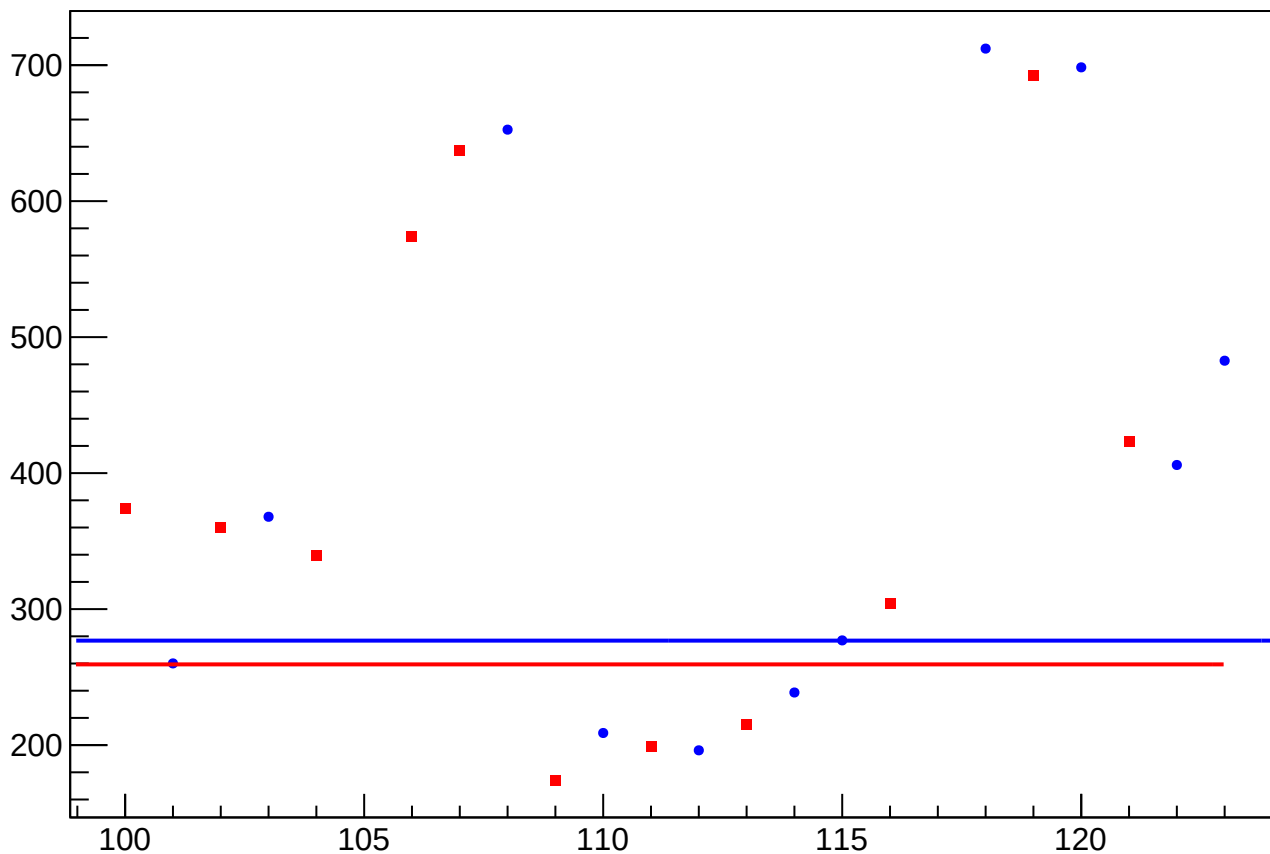
Right: 115.447+/-99.396 χ^2/NDF : 18.0/21

In: -22.564+/-148.947 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.447+/-99.396 χ^2/NDF : 18.0/21

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 276.833+/-0.105 χ^2/NDF : 1348592.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 259.358+/-0.094 χ^2/NDF : 1552303.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

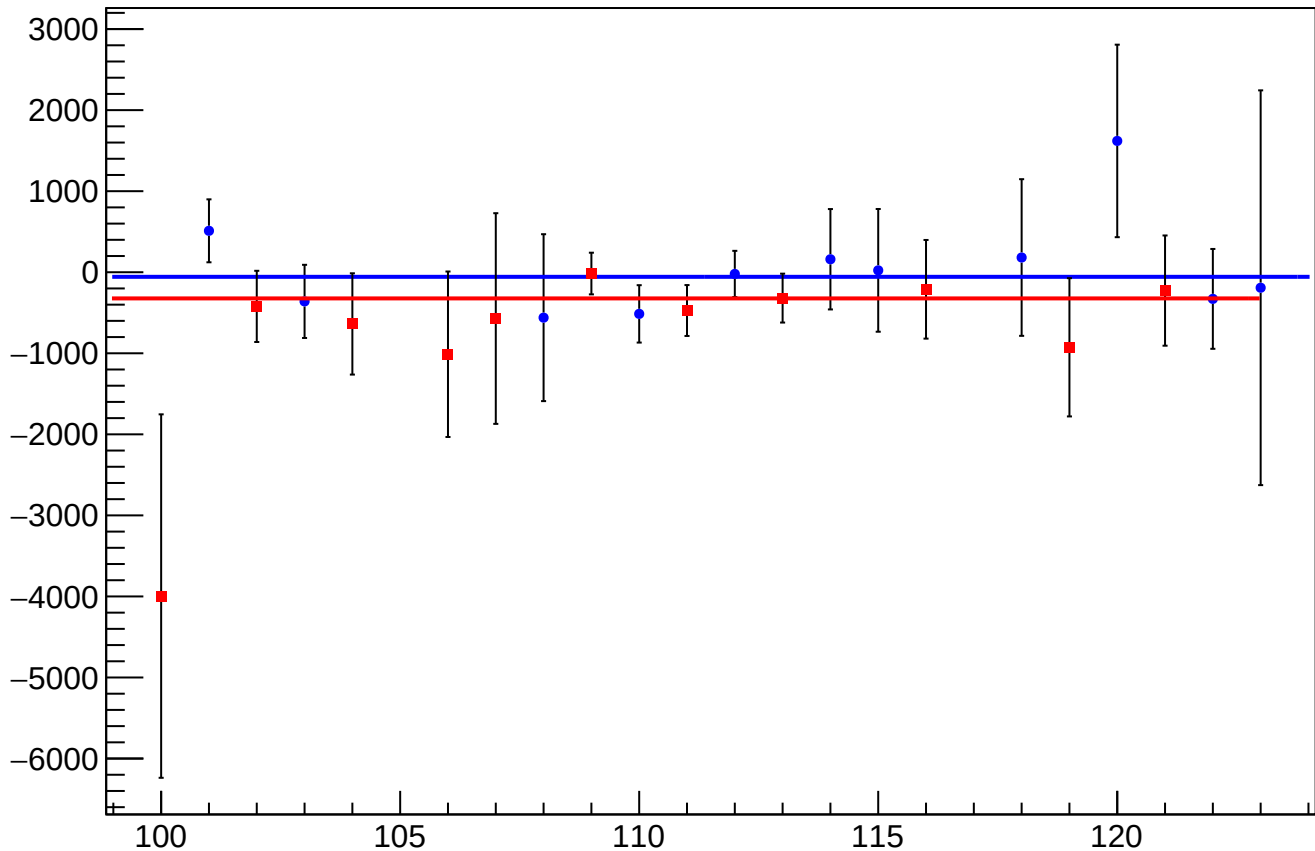
Right: 267.140+/-0.070 χ^2/NDF : 2916165.2/21

In: 276.833+/-0.105 χ^2/NDF :1348592.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 267.140+/-0.070 χ^2/NDF : 2916165.2/21

asym_sam7_mean vs Slug, Sign Corrected



Right In: -56.611+/-154.825 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -322.967+/-138.665 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

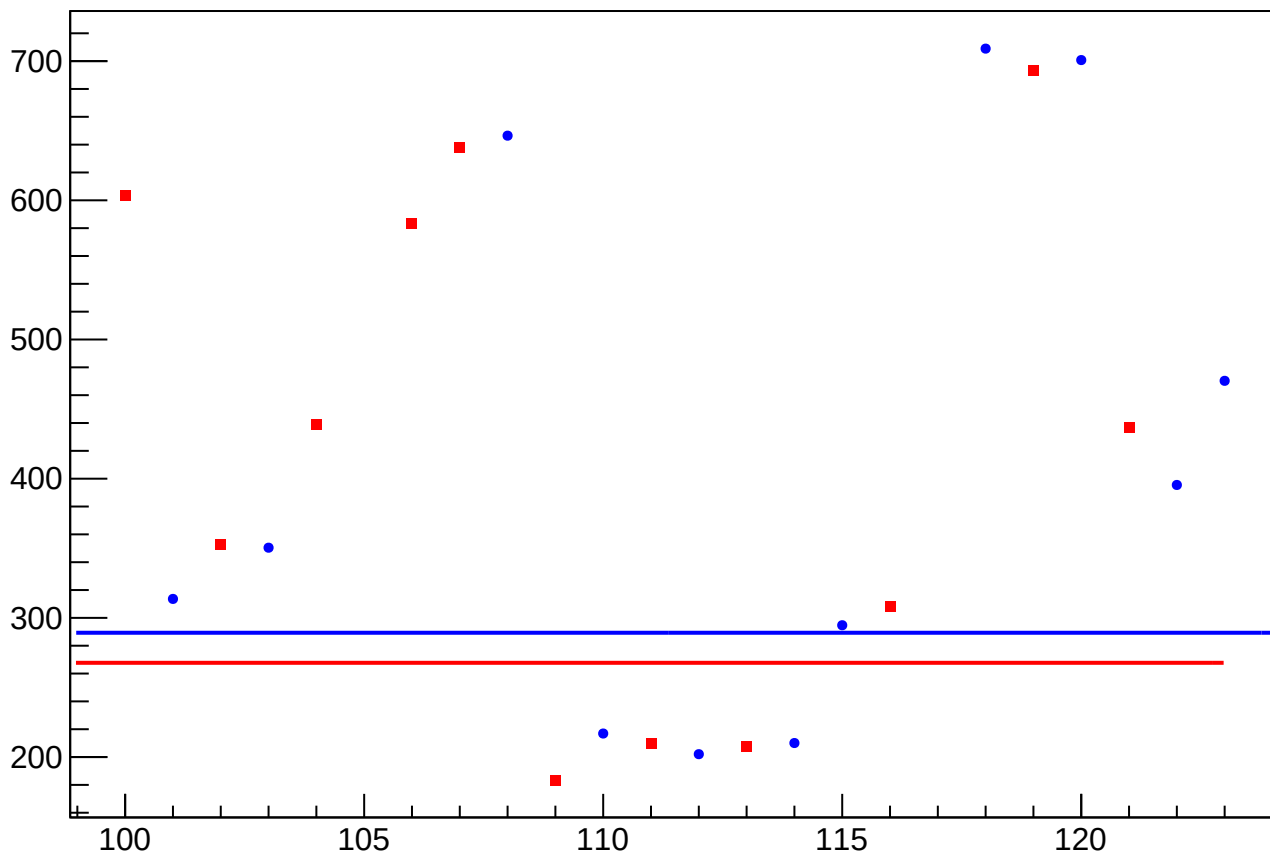
Right: -204.411+/-103.293 χ^2/NDF : 14.2/21

In: -56.611+/-154.825 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.411+/-103.293 χ^2/NDF : 14.2/21

asym_sam7_rms vs Slug, Sign Corrected



Right In: 289.309+/-0.109 χ^2/NDF : 1276873.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.718+/-0.098 χ^2/NDF : 1617368.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

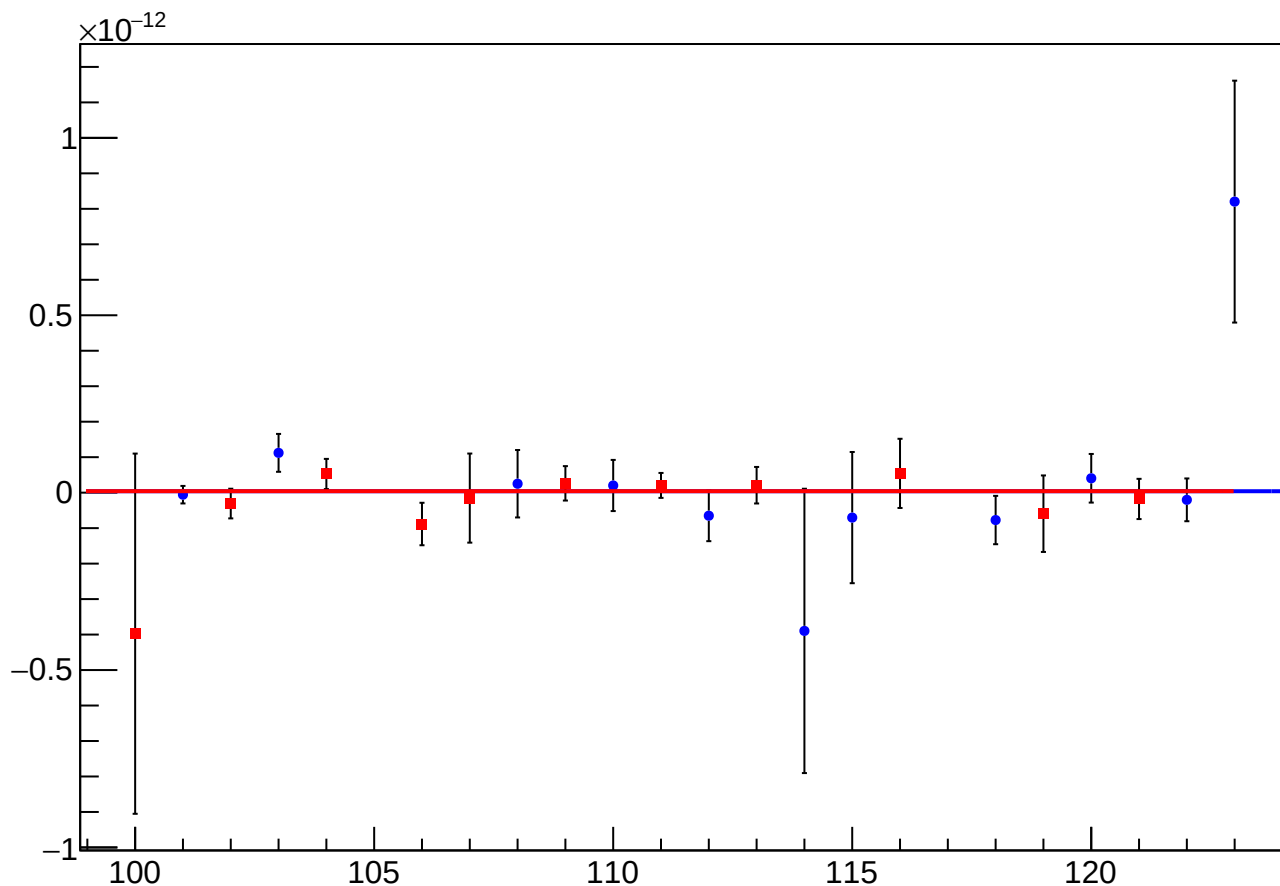
Right: 277.328+/-0.073 χ^2/NDF : 2915825.7/21

In: 289.309+/-0.109 χ^2/NDF : 1276873.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.328+/-0.073 χ^2/NDF : 2915825.7/21

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.0/10

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

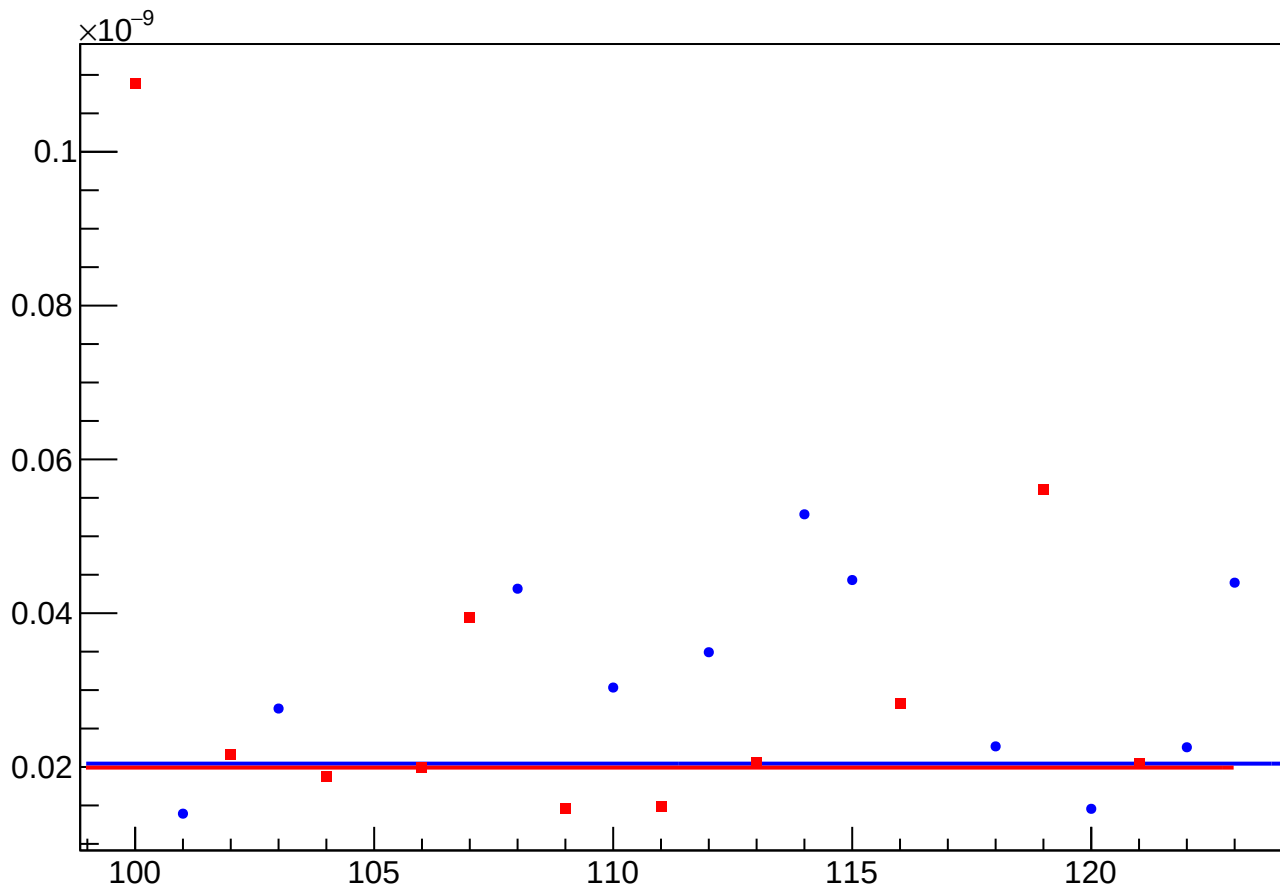
Right: 0.000+/-0.000 χ^2/NDF : 20.3/21

In: 0.000+/-0.000 χ^2/NDF : 14.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/21

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 483945.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 419899.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

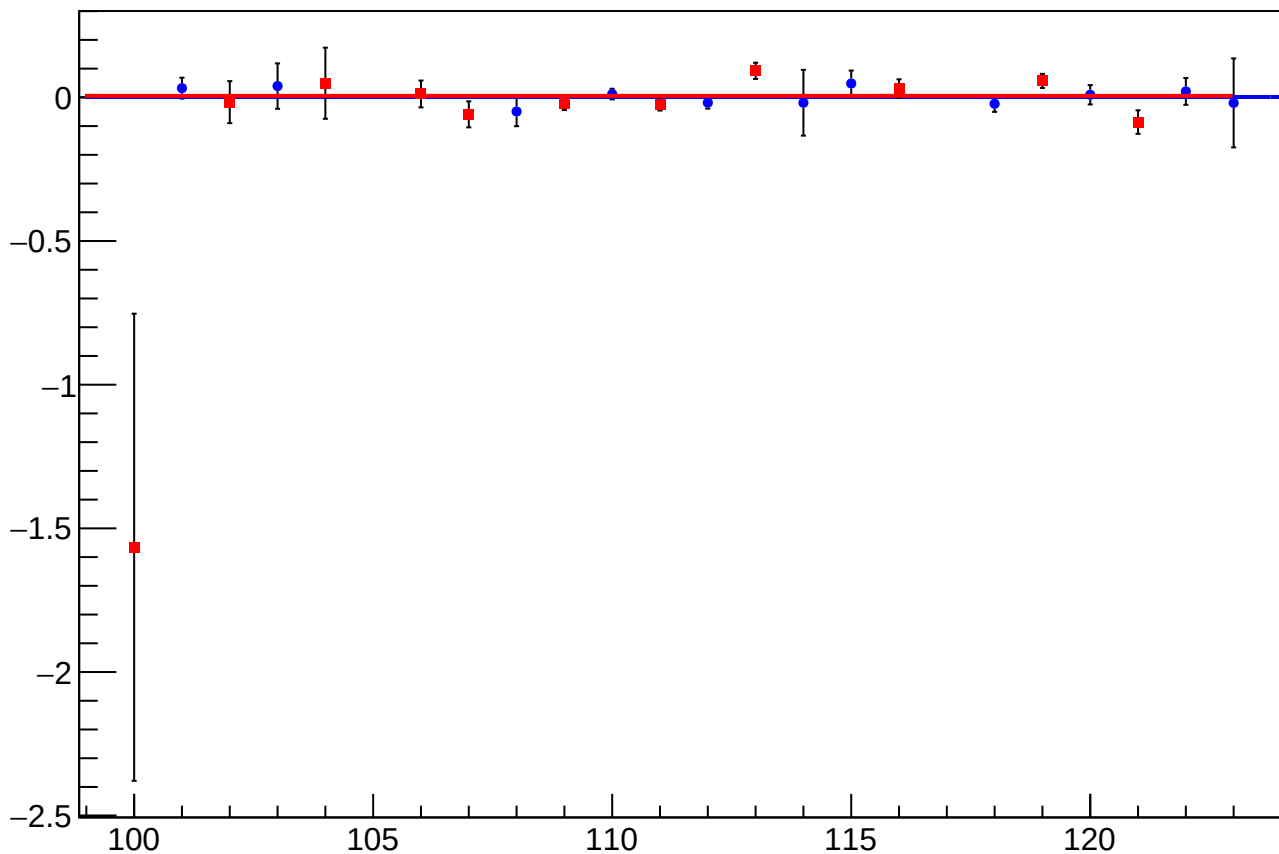
Right: 0.000+/-0.000 χ^2/NDF : 904743.8/21

In: 0.000+/-0.000 χ^2/NDF : 483945.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 904743.8/21

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.010 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 29.6/10

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

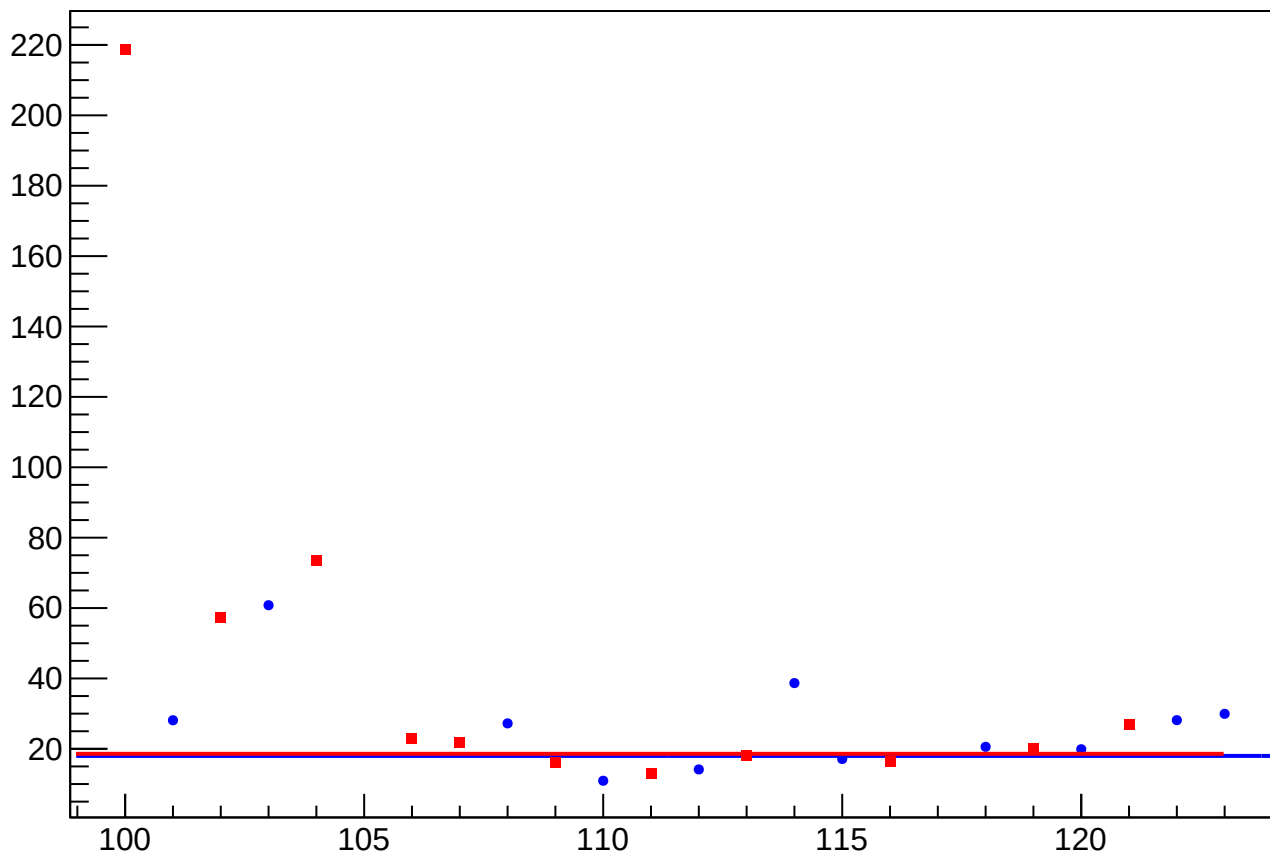
Right: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

In: 0.001 $\pm$ 0.010 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.991+/-0.007 χ^2/NDF : 1362004.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.584+/-0.007 χ^2/NDF : 1388040.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

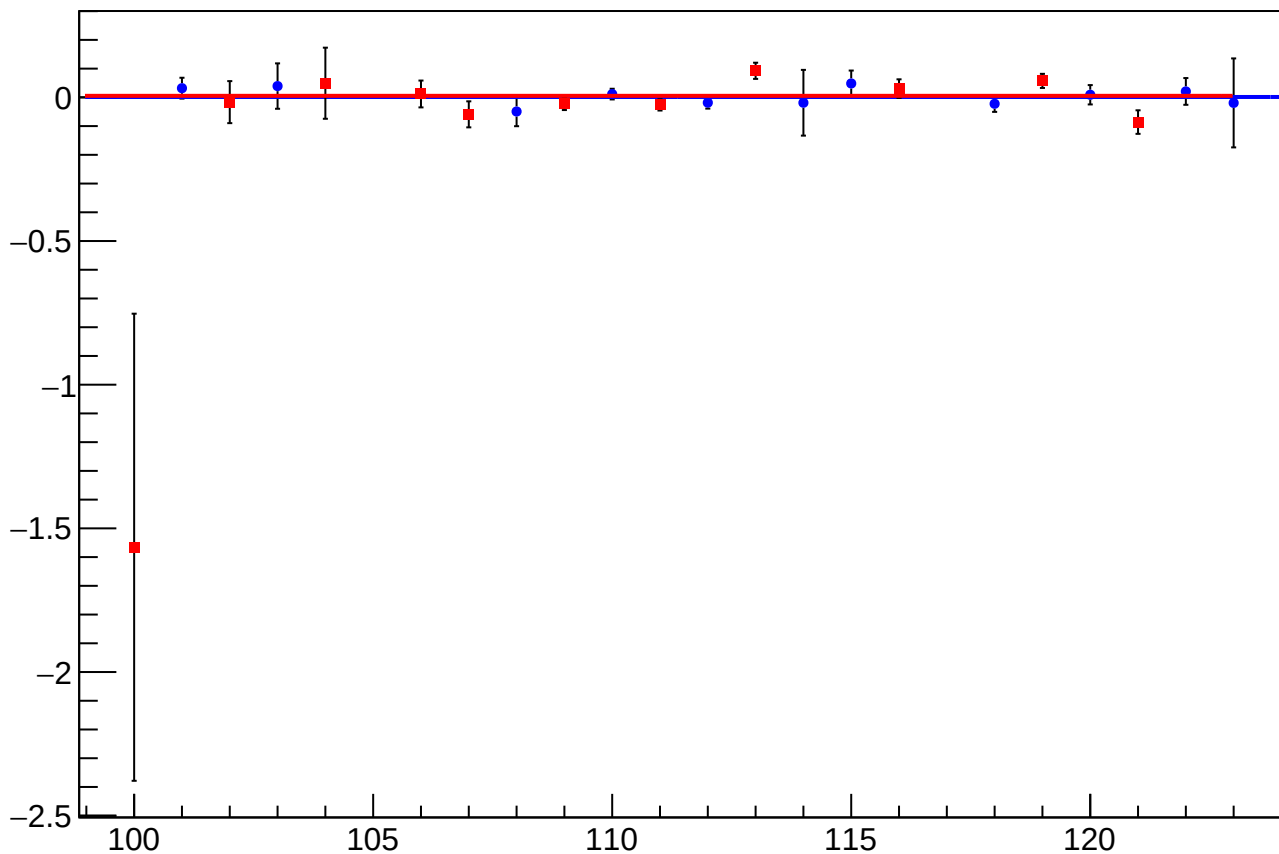
Right: 18.294+/-0.005 χ^2/NDF : 2753547.8/21

In: 17.991+/-0.007 χ^2/NDF : 1362004.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.294+/-0.005 χ^2/NDF : 2753547.8/21

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.010 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 29.6/10

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

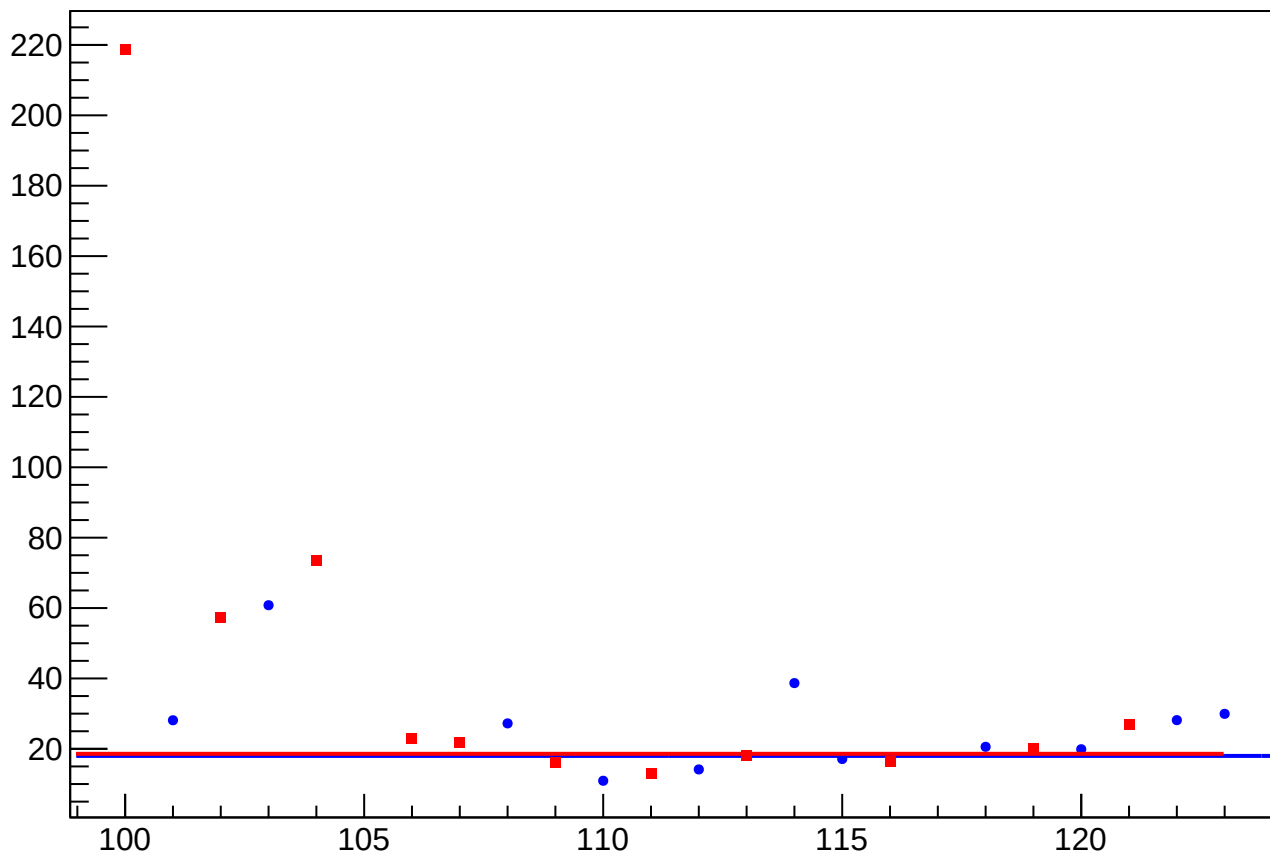
Right: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

In: 0.001 $\pm$ 0.010 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.991+/-0.007 χ^2/NDF : 1362004.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.584+/-0.007 χ^2/NDF : 1388040.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

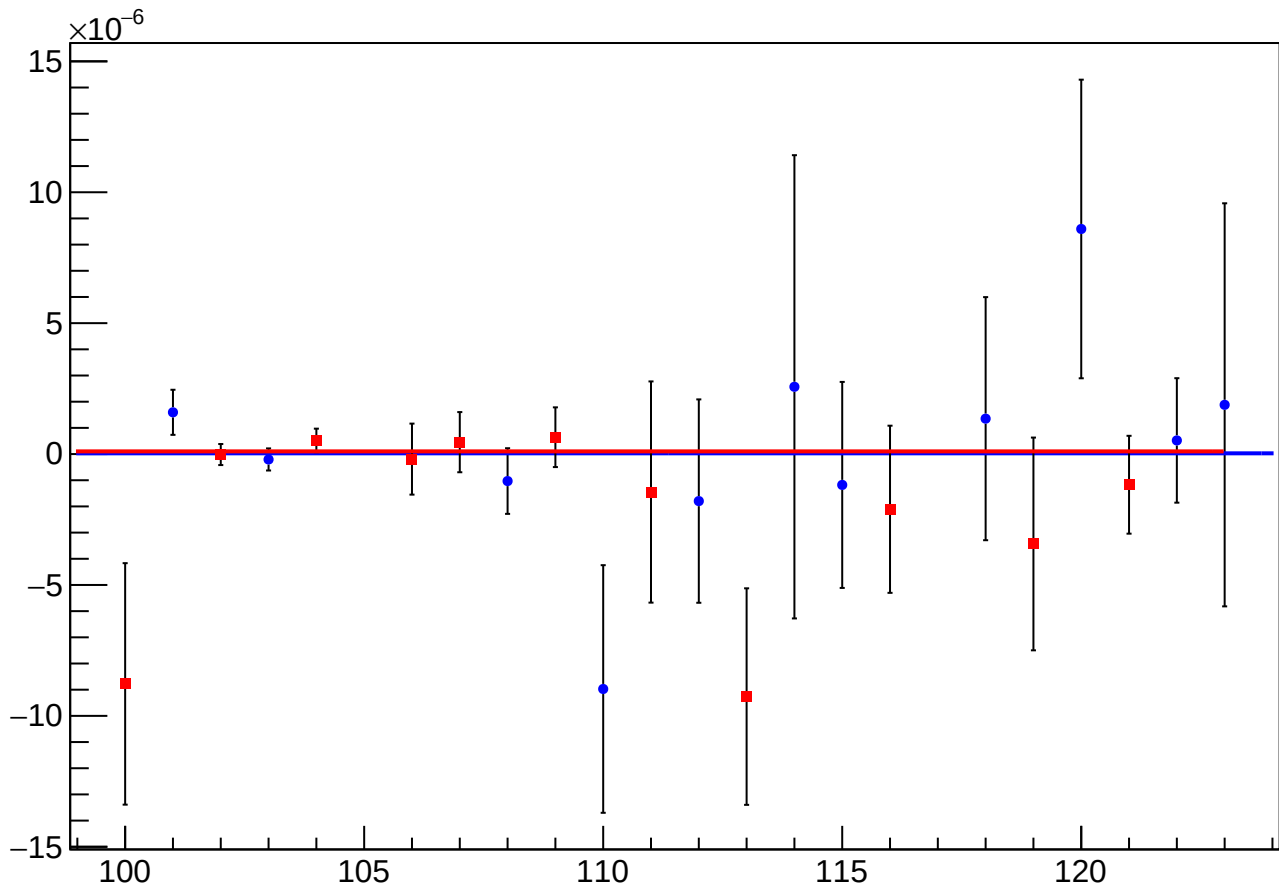
Right: 18.294+/-0.005 χ^2/NDF : 2753547.8/21

In: 17.991+/-0.007 χ^2/NDF : 1362004.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.294+/-0.005 χ^2/NDF : 2753547.8/21

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/10

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

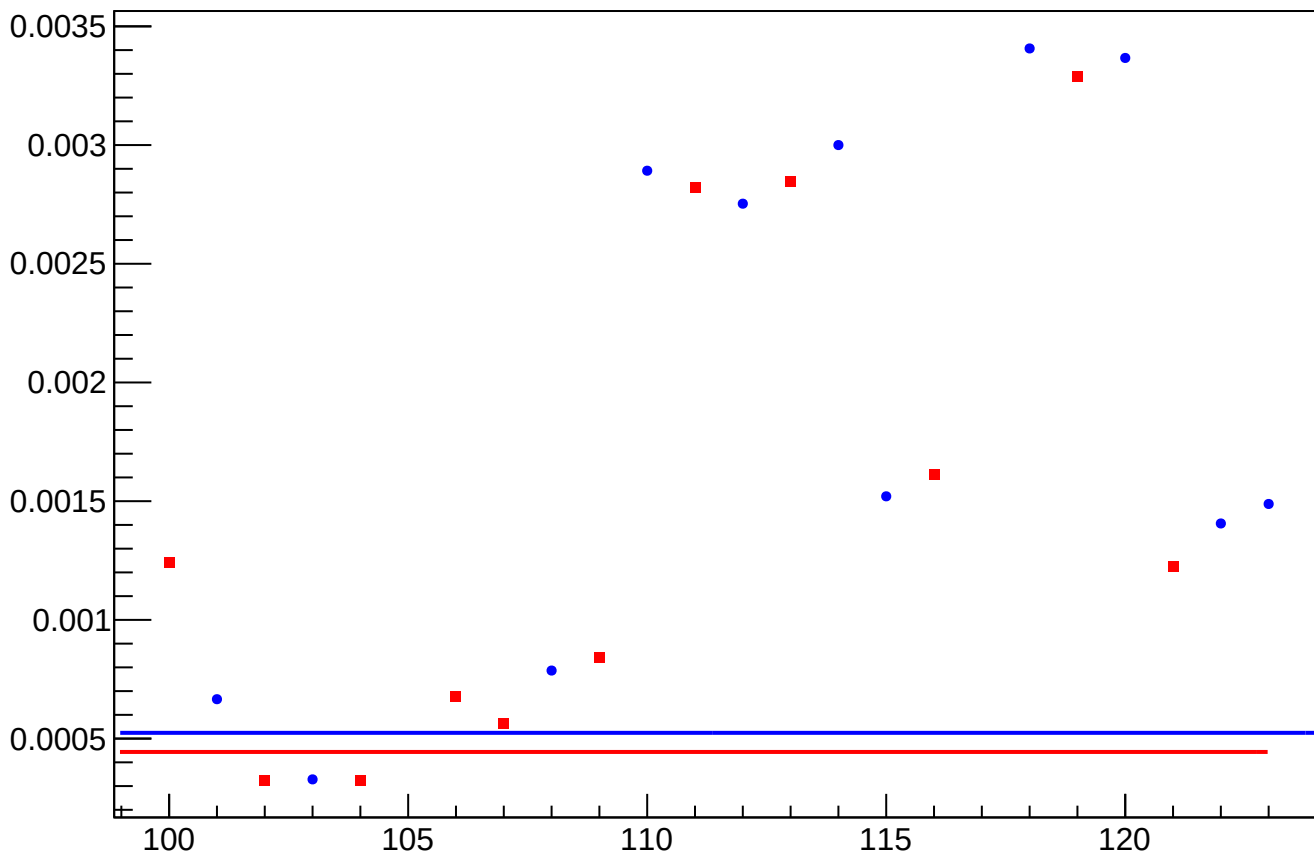
Right: 0.000+/-0.000 χ^2/NDF : 22.8/21

In: 0.000+/-0.000 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/21

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3592869.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3616607.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

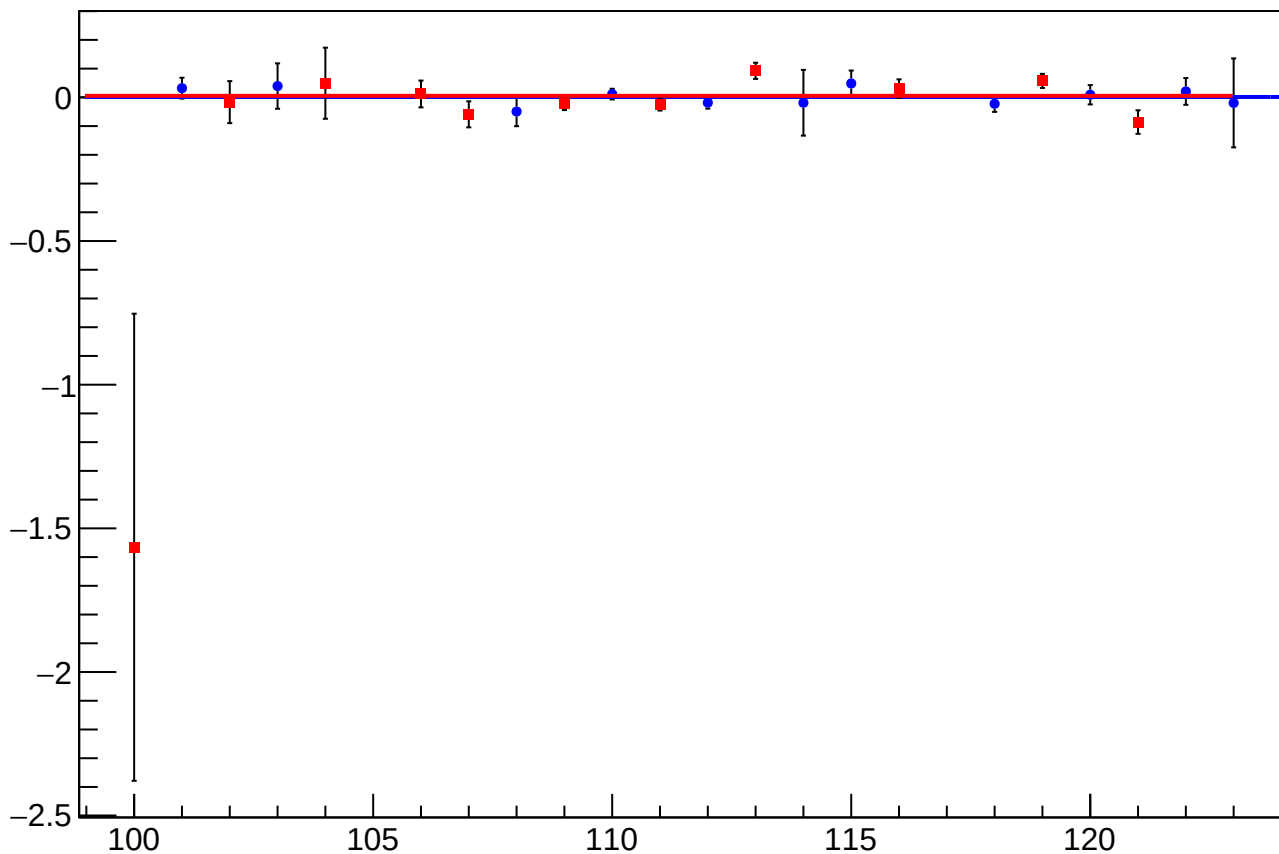
Right: 0.000+/-0.000 χ^2/NDF : 7275528.2/21

In: 0.001+/-0.000 χ^2/NDF :3592869.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7275528.2/21

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.010 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 29.6/10

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

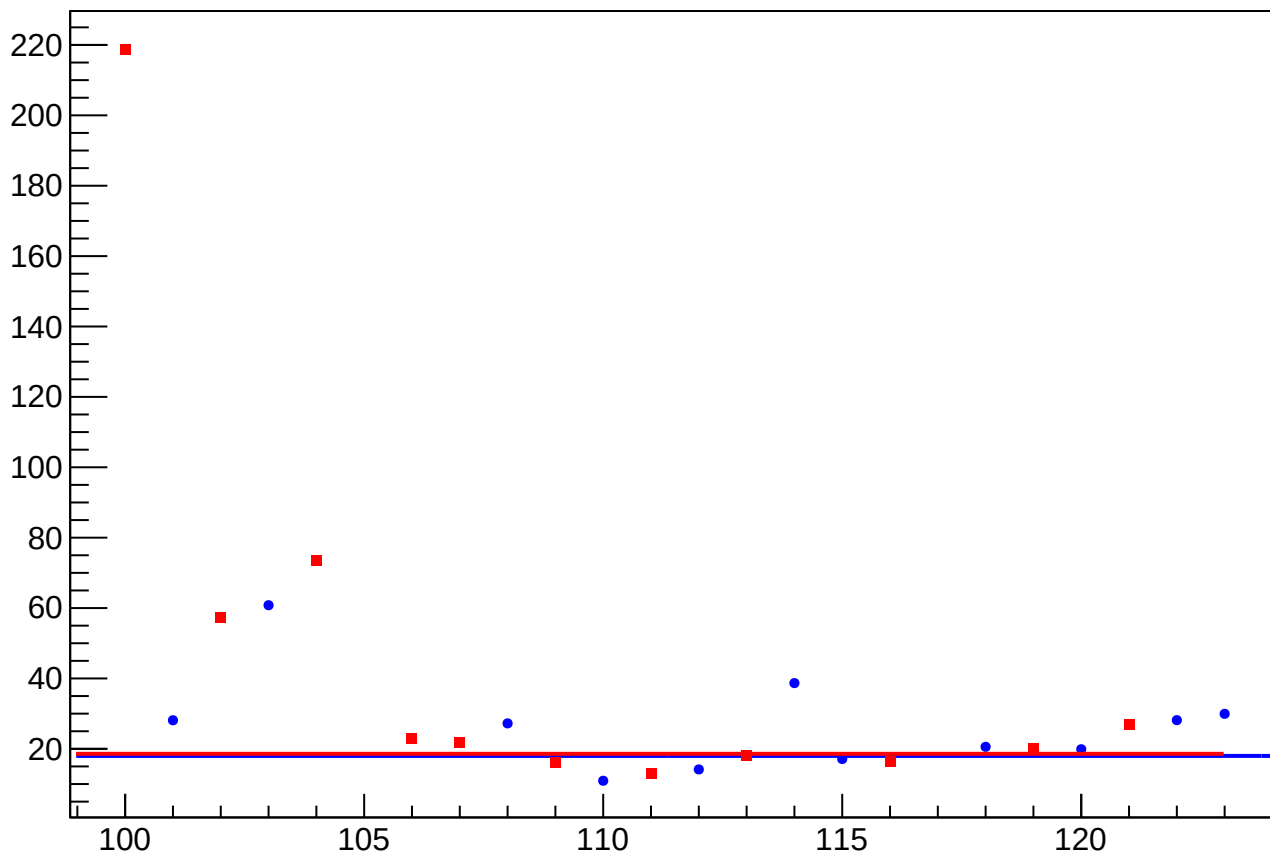
Right: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

In: 0.001 $\pm$ 0.010 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.992+/-0.007 χ^2/NDF : 1361892.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.584+/-0.007 χ^2/NDF : 1387991.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

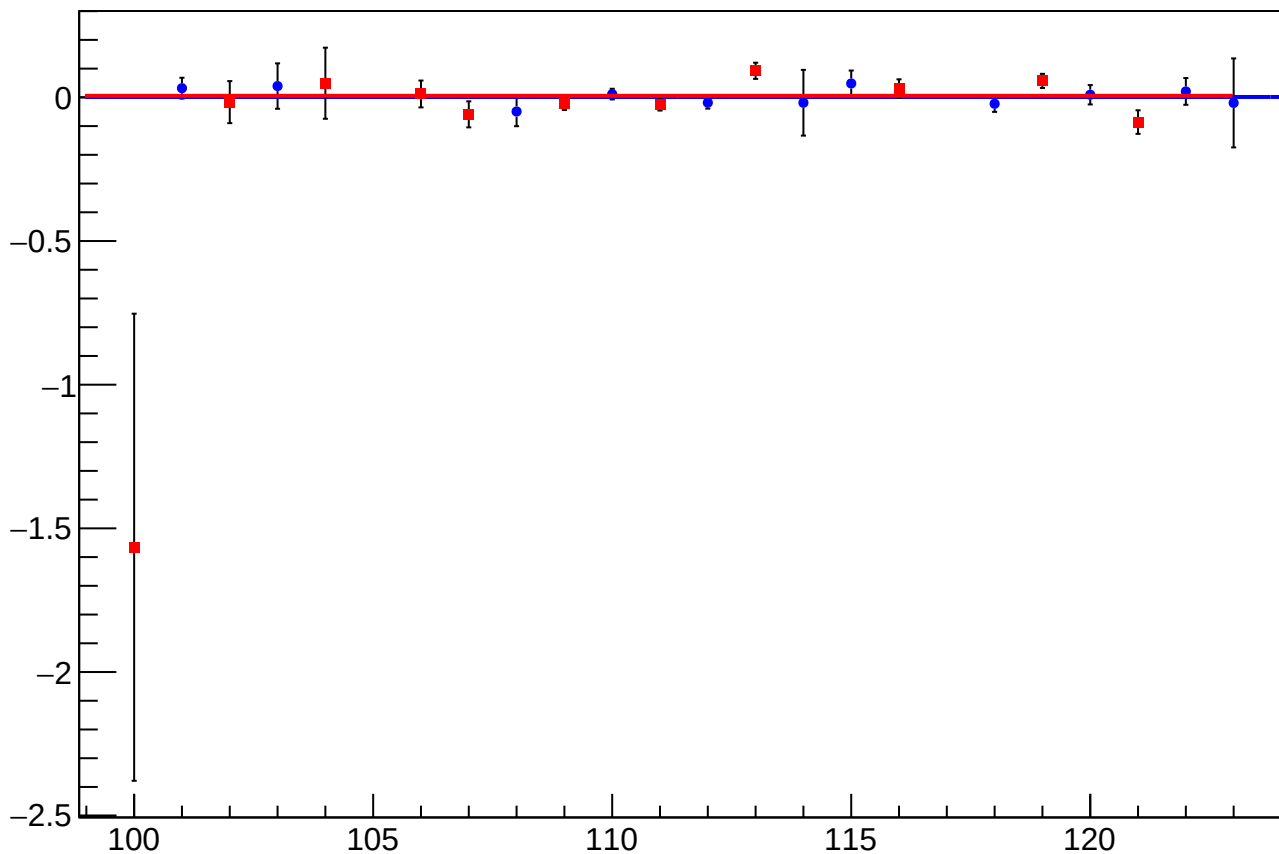
Right: 18.295+/-0.005 χ^2/NDF : 2753381.9/21

In: 17.992+/-0.007 χ^2/NDF : 1361892.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.295+/-0.005 χ^2/NDF : 2753381.9/21

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.010 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 29.6/10

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

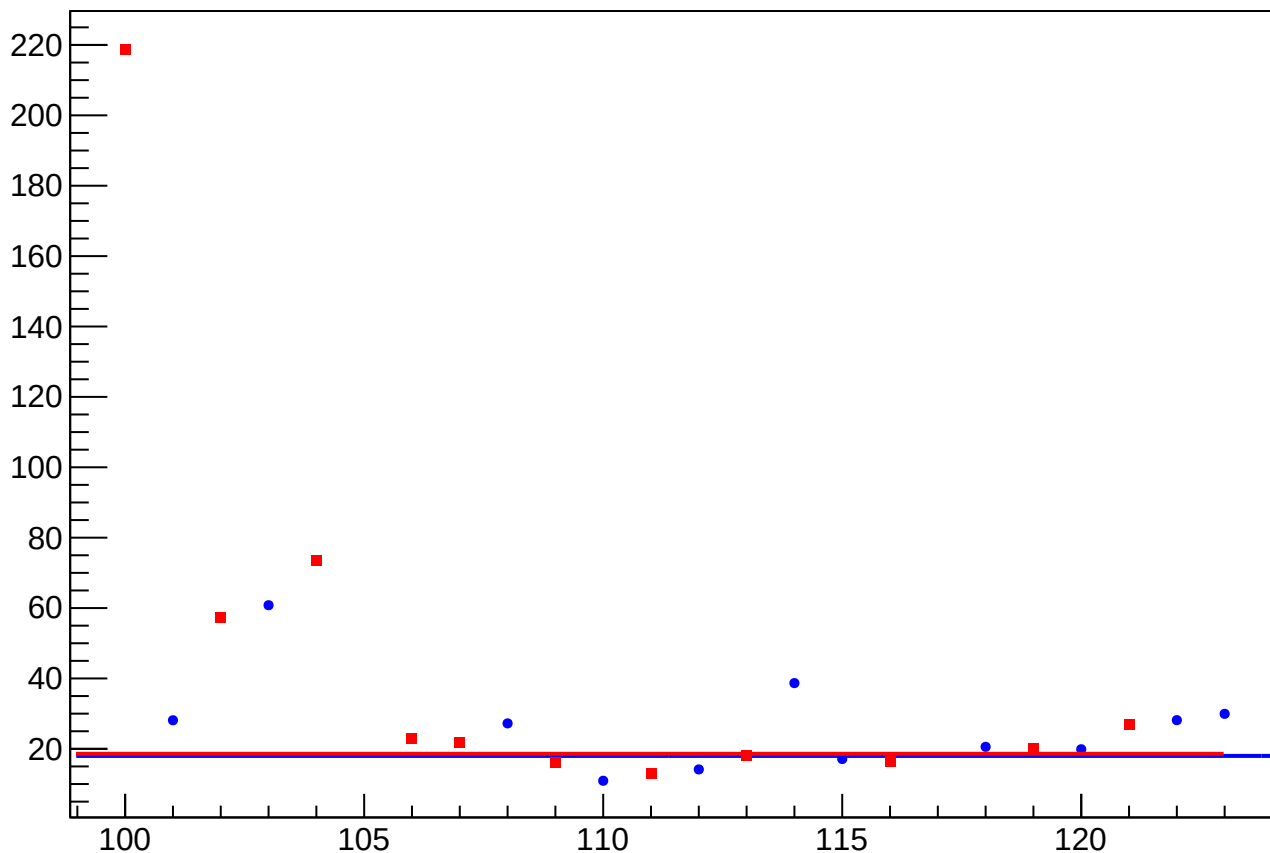
Right: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

In: 0.001 $\pm$ 0.010 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 34.8/21

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.992+/-0.007 χ^2/NDF : 1361892.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.584+/-0.007 χ^2/NDF : 1387991.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

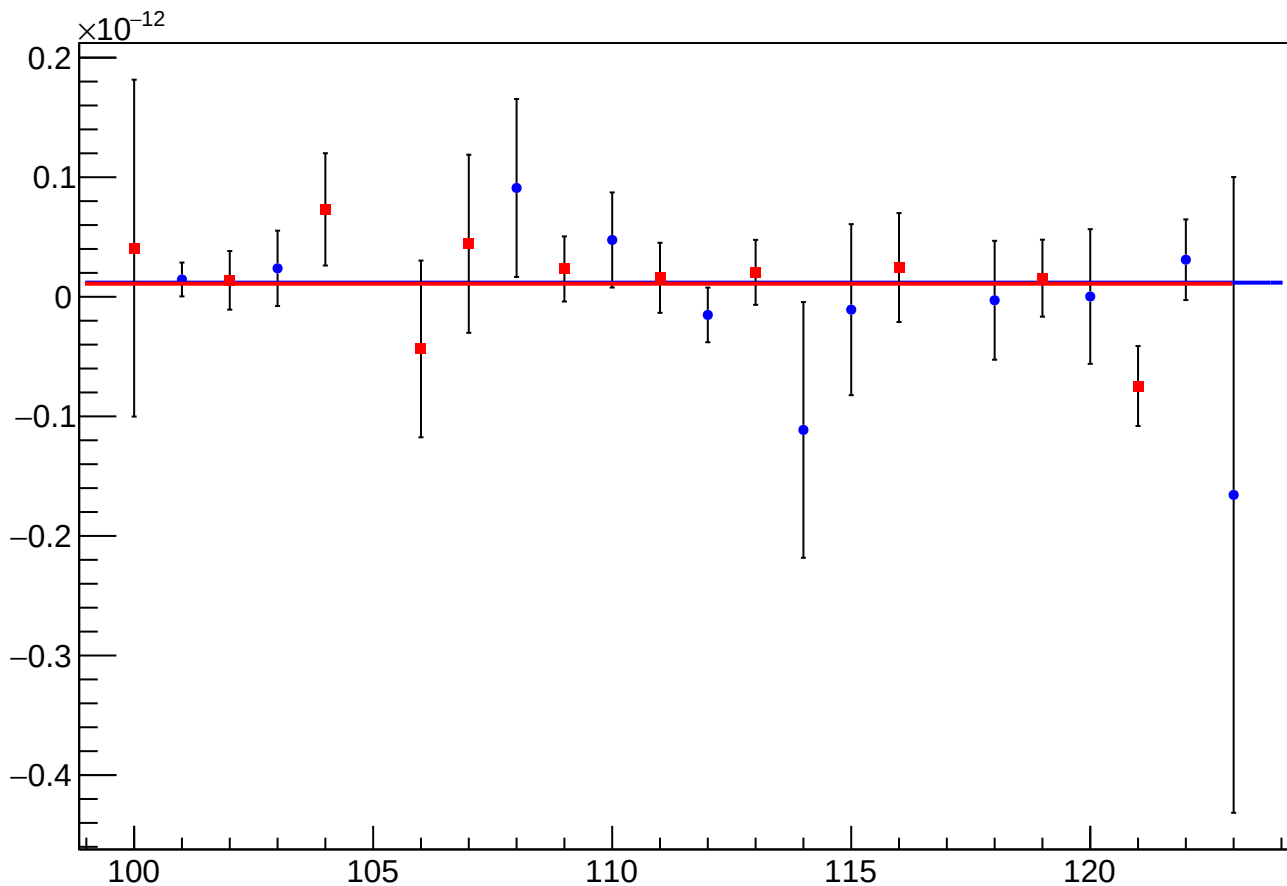
Right: 18.295+/-0.005 χ^2/NDF : 2753381.9/21

In: 17.992+/-0.007 χ^2/NDF : 1361892.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.295+/-0.005 χ^2/NDF : 2753381.9/21

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/10

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

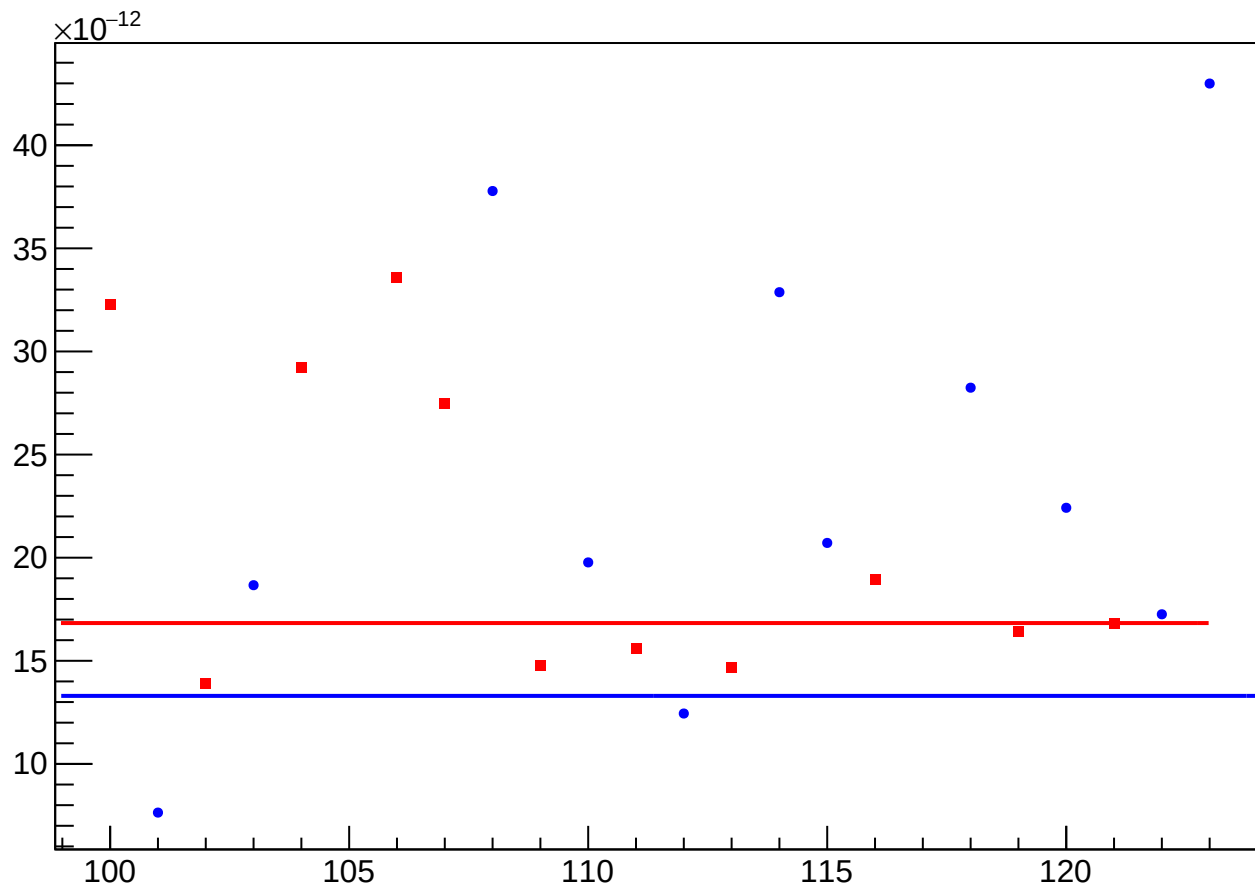
Right: 0.000+/-0.000 χ^2/NDF : 15.4/21

In: 0.000+/-0.000 χ^2/NDF : 5.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.4/21

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1024243.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 367284.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

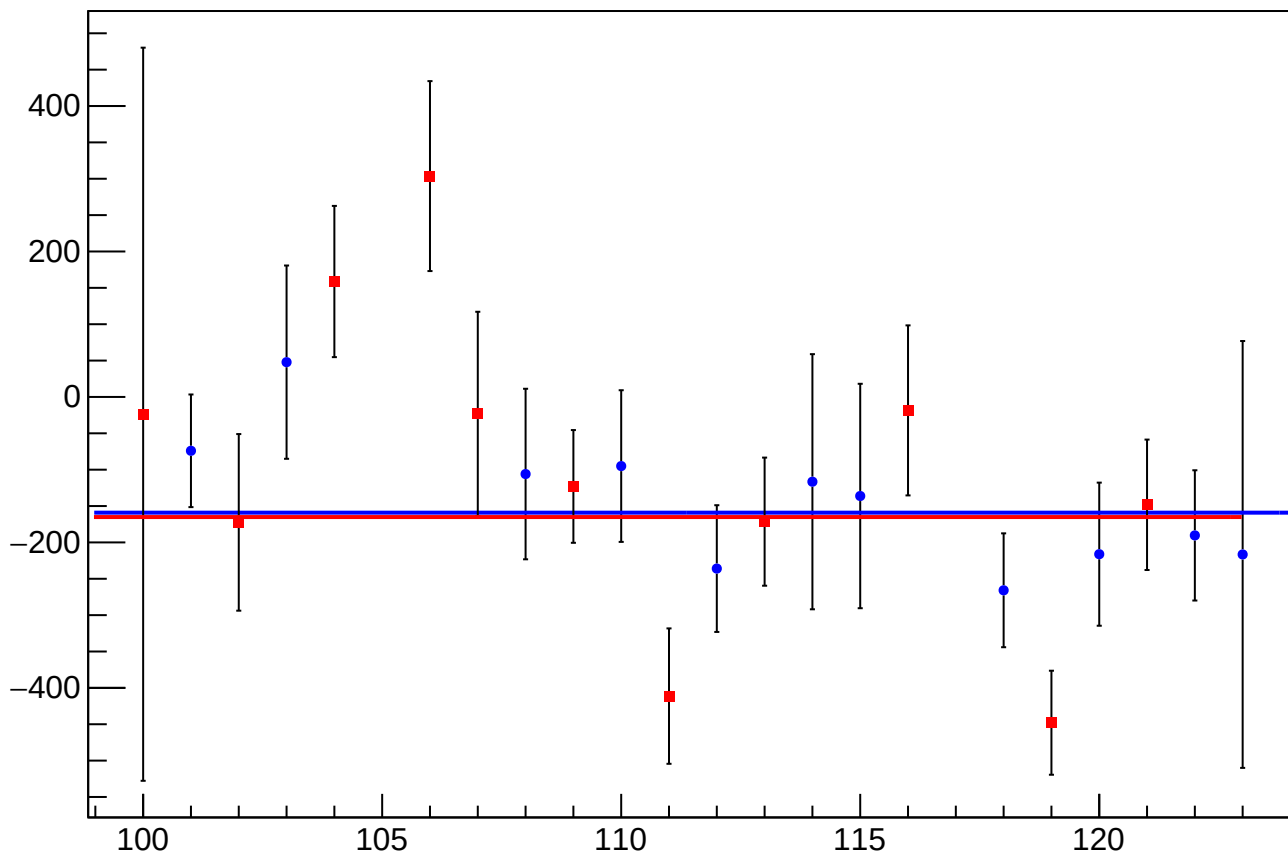
Right: 0.000+/-0.000 χ^2/NDF : 1511172.0/21

In: 0.000+/-0.000 χ^2/NDF : 1024243.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1511172.0/21

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.096+/-31.667 χ^2/NDF : 7.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -165.132+/-30.465 χ^2/NDF : 48.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

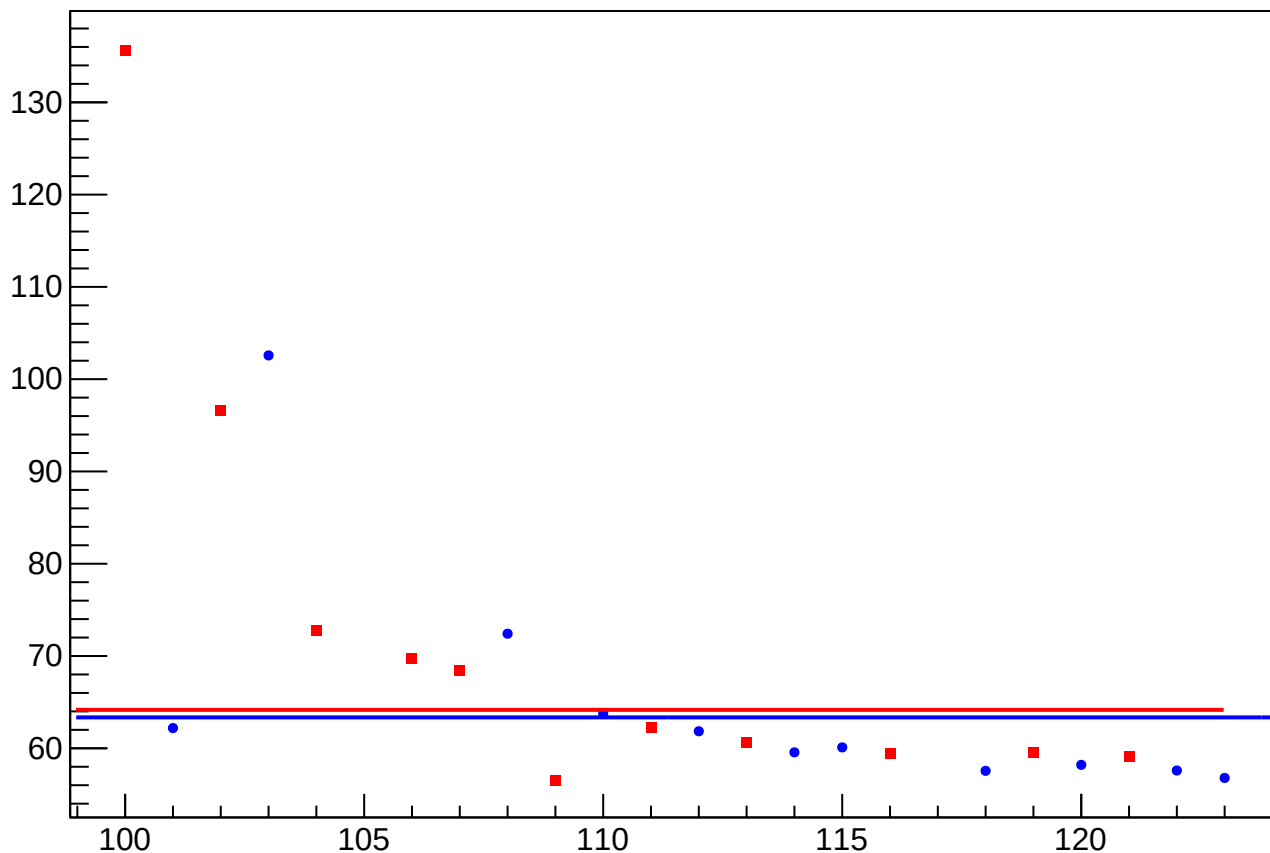
Right: -162.231+/-21.954 χ^2/NDF : 55.7/21

In: -159.096+/-31.667 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.231+/-21.954 χ^2/NDF : 55.7/21

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.348+/-0.022 χ^2/NDF : 214839.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.168+/-0.022 χ^2/NDF : 242953.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

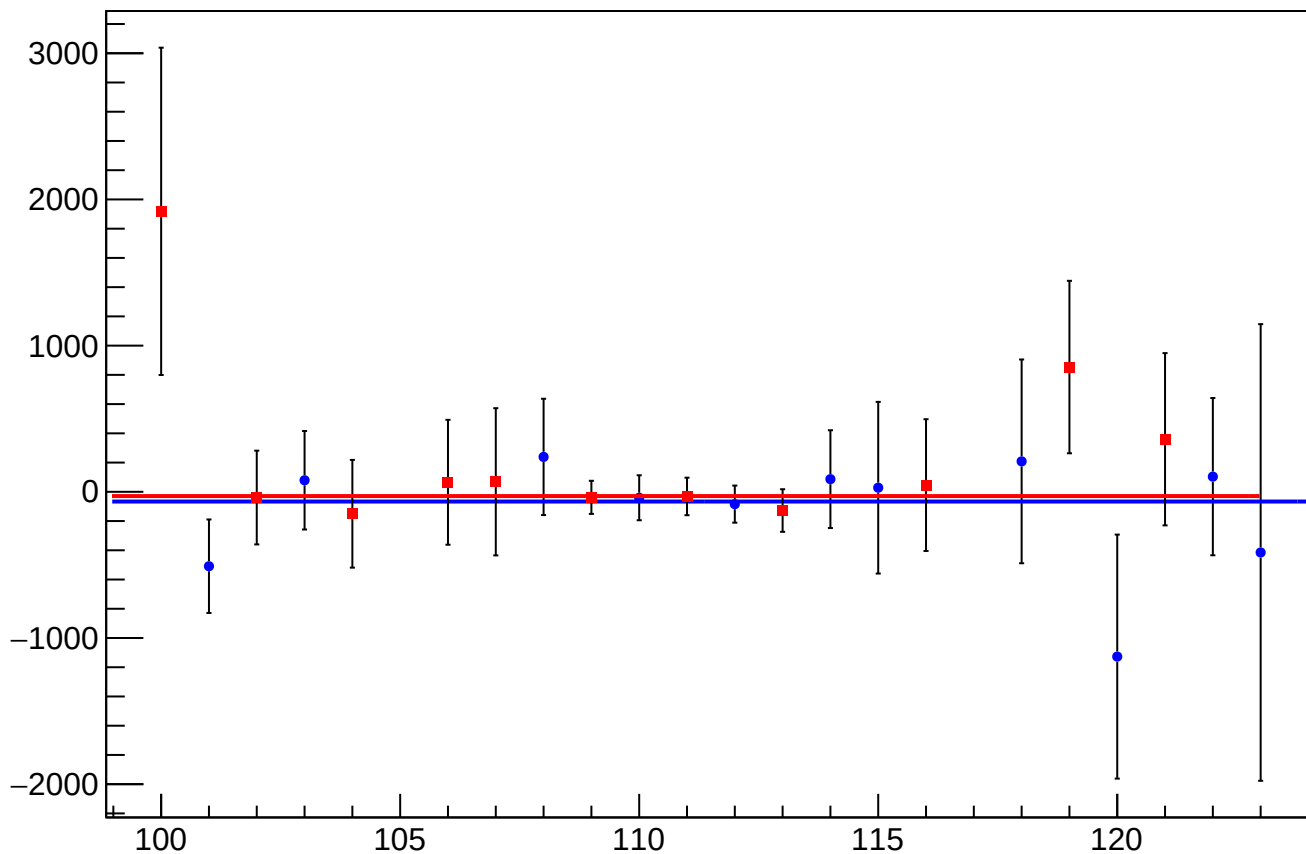
Right: 63.774+/-0.016 χ^2/NDF : 458488.1/21

In: 63.348+/-0.022 χ^2/NDF : 214839.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.774+/-0.016 χ^2/NDF : 458488.1/21

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -66.475+/-82.041 χ^2 /NDF: 4.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -29.142+/-66.844 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

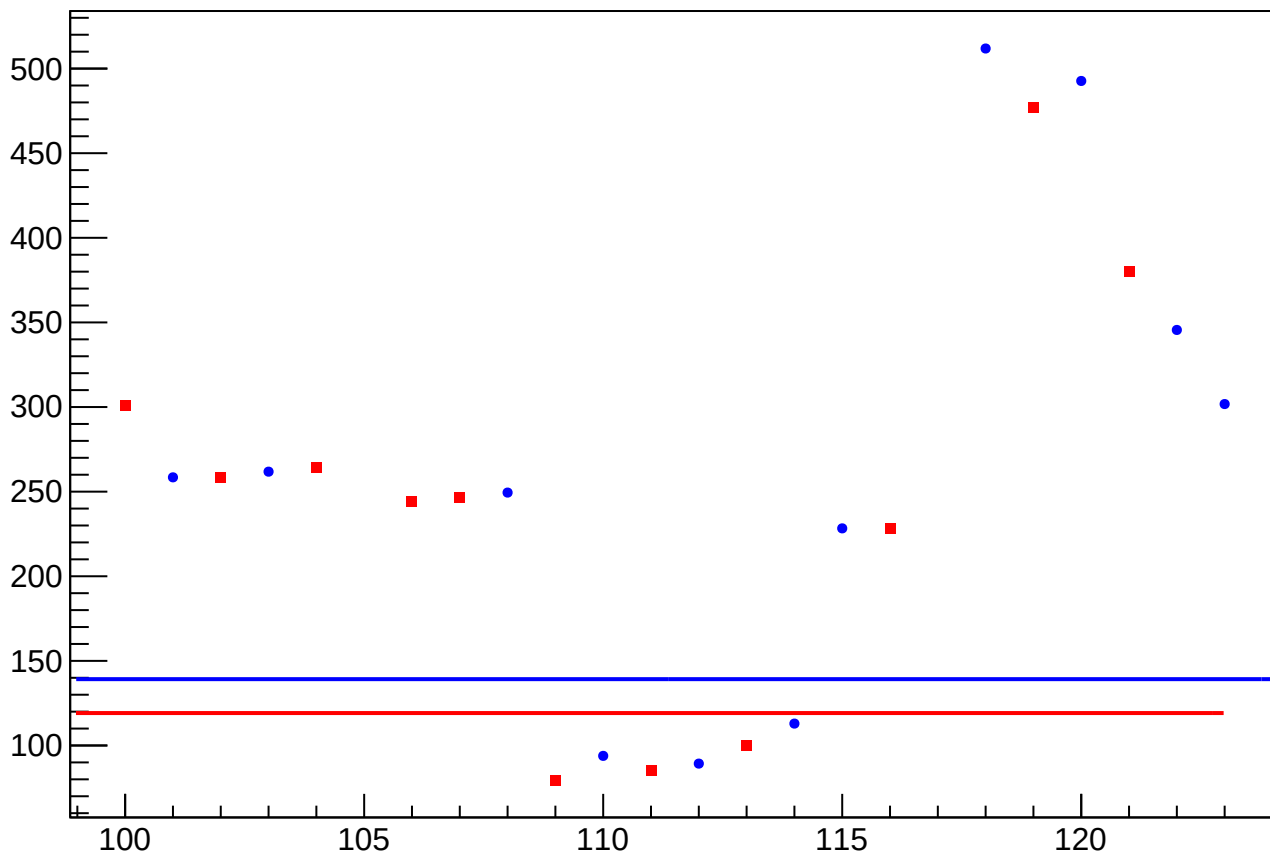
Right: -44.037+/-51.821 χ^2 /NDF: 11.4/21

In: -66.475+/-82.041 χ^2 /NDF:4.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -44.037+/-51.821 χ^2 /NDF: 11.4/21

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 139.203+/-0.058 χ^2/NDF : 2485033.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.168+/-0.047 χ^2/NDF : 2707270.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

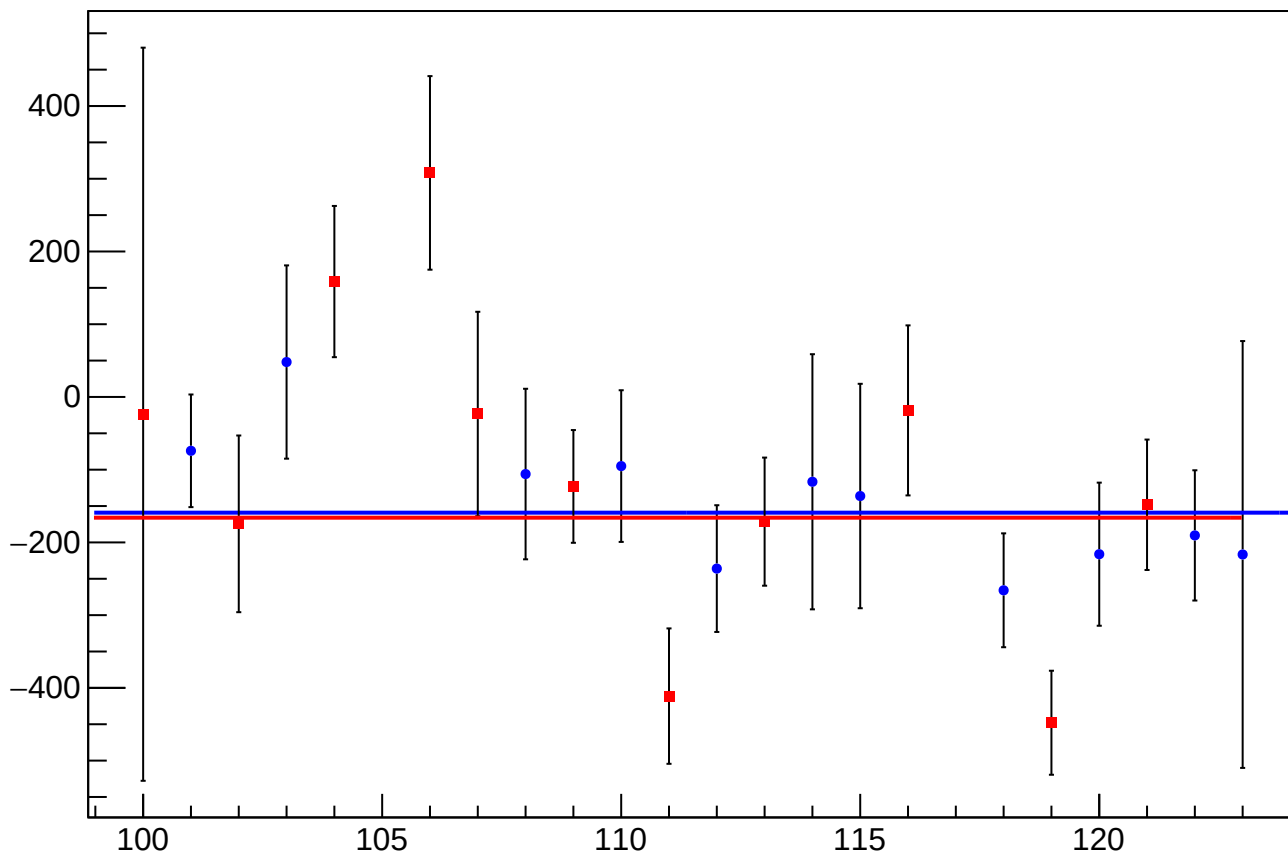
Right: 127.161+/-0.037 χ^2/NDF : 5263989.0/21

In: 139.203+/-0.058 χ^2/NDF : 2485033.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.161+/-0.037 χ^2/NDF : 5263989.0/21

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.097+/-31.667 χ^2/NDF : 7.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -165.983+/-30.496 χ^2/NDF : 48.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

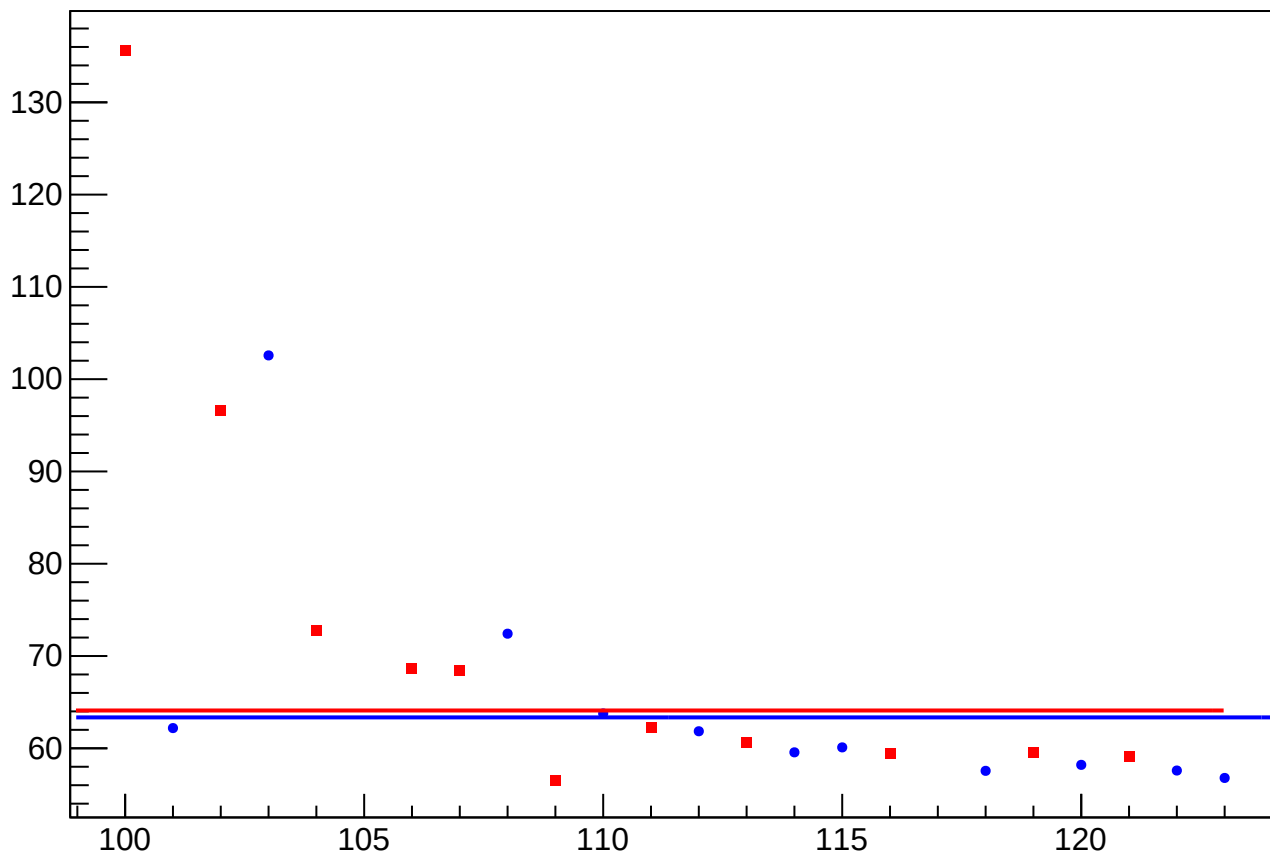
Right: -162.670+/-21.966 χ^2/NDF : 55.4/21

In: -159.097+/-31.667 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.670+/-21.966 χ^2/NDF : 55.4/21

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.348+/-0.022 χ^2/NDF : 214841.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.097+/-0.022 χ^2/NDF : 241715.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

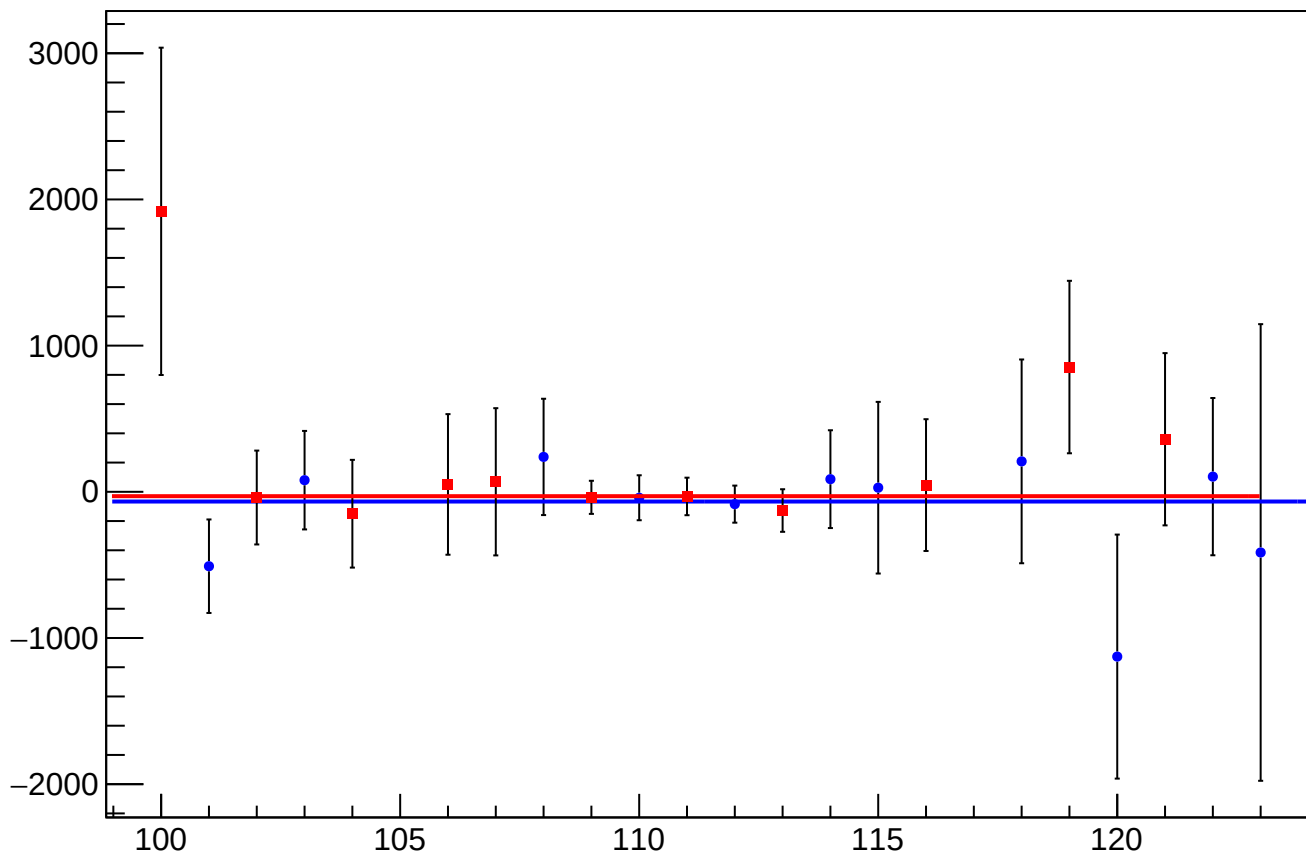
Right: 63.737+/-0.016 χ^2/NDF : 457137.6/21

In: 63.348+/-0.022 χ^2/NDF : 214841.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.737+/-0.016 χ^2/NDF : 457137.6/21

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -66.453+/-82.041 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.898+/-67.020 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

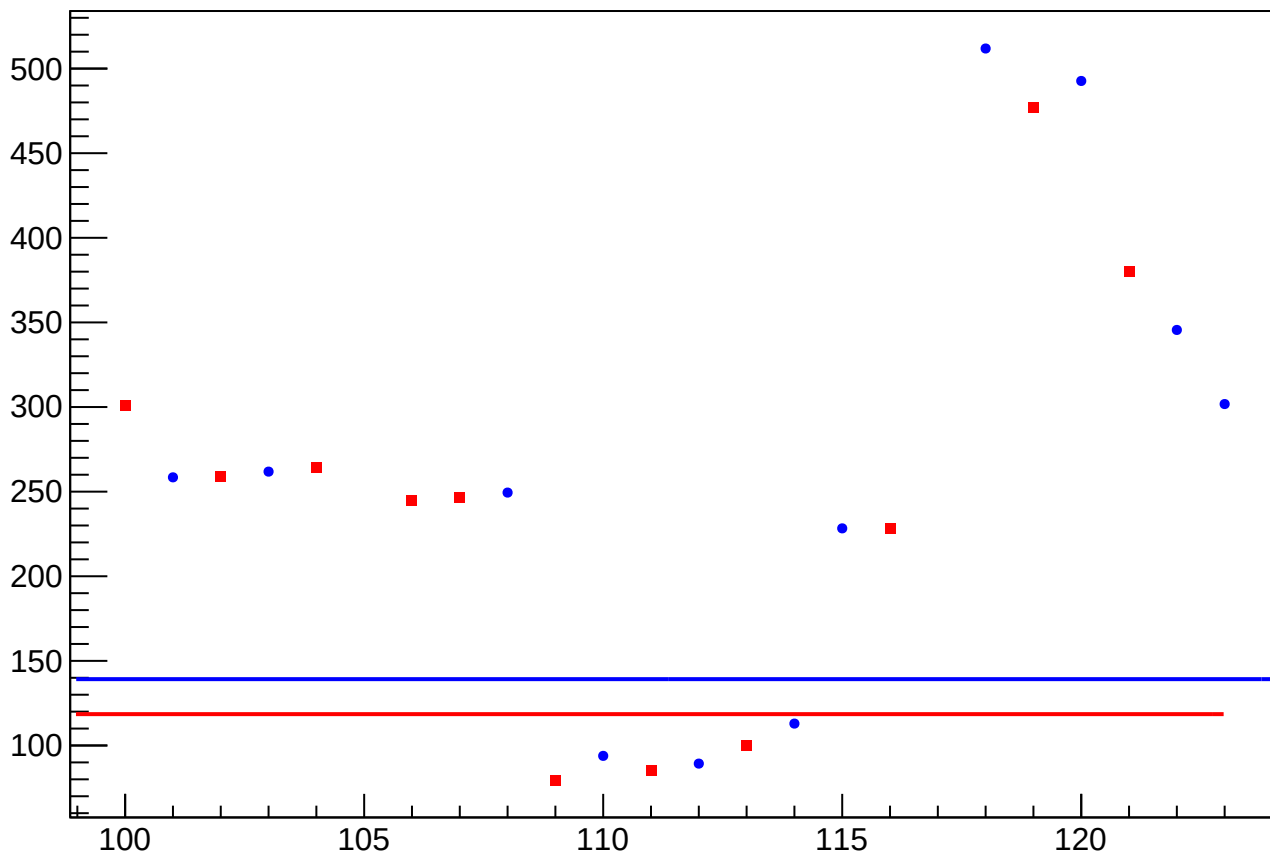
Right: -44.529+/-51.903 χ^2/NDF : 11.4/21

In: -66.453+/-82.041 χ^2/NDF : 4.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.529+/-51.903 χ^2/NDF : 11.4/21

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 139.202+/-0.058 χ^2/NDF : 2485091.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.527+/-0.047 χ^2/NDF : 2672838.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

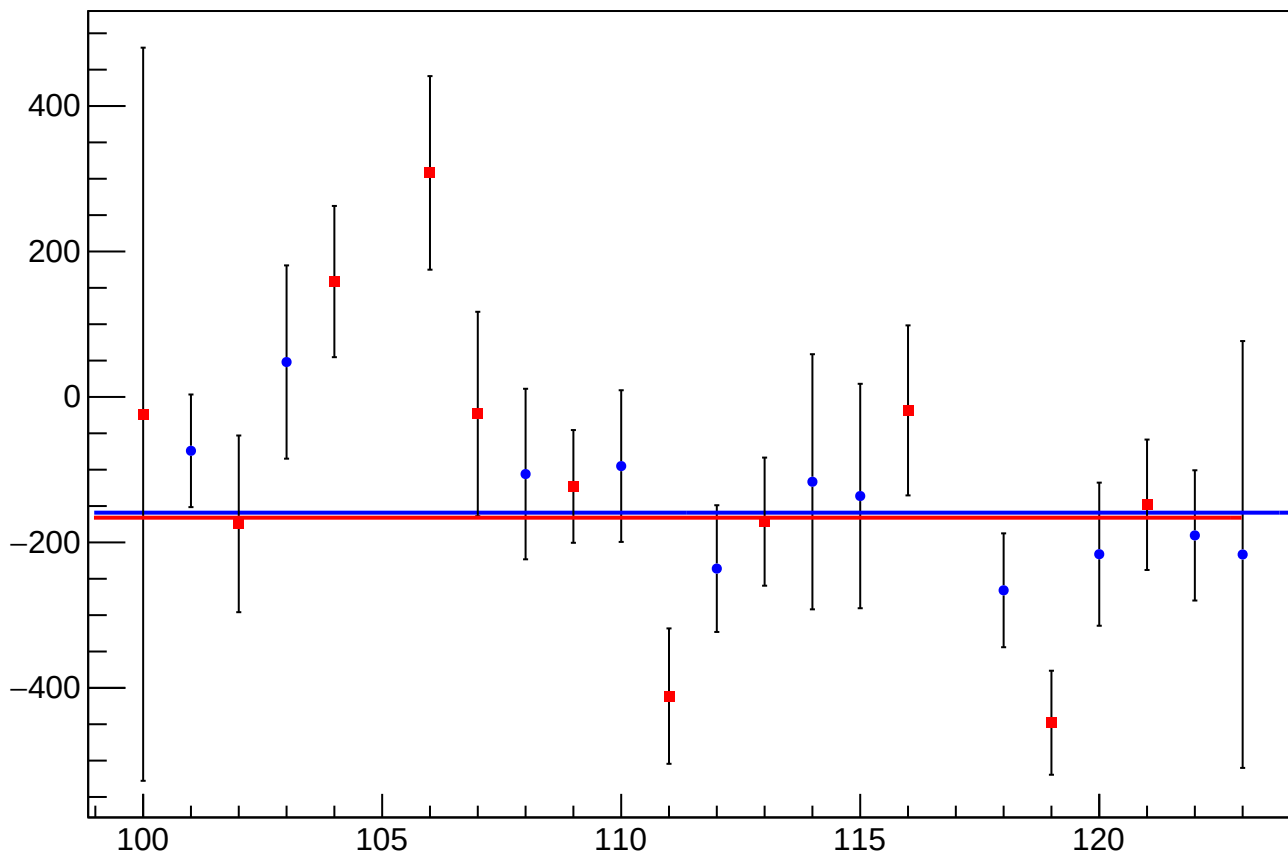
Right: 126.802+/-0.037 χ^2/NDF : 5234114.6/21

In: 139.202+/-0.058 χ^2/NDF : 2485091.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.802+/-0.037 χ^2/NDF : 5234114.6/21

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.097 $\pm$ 31.667 χ^2 /NDF: 7.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -165.983 $\pm$ 30.496 χ^2 /NDF: 48.0/10

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

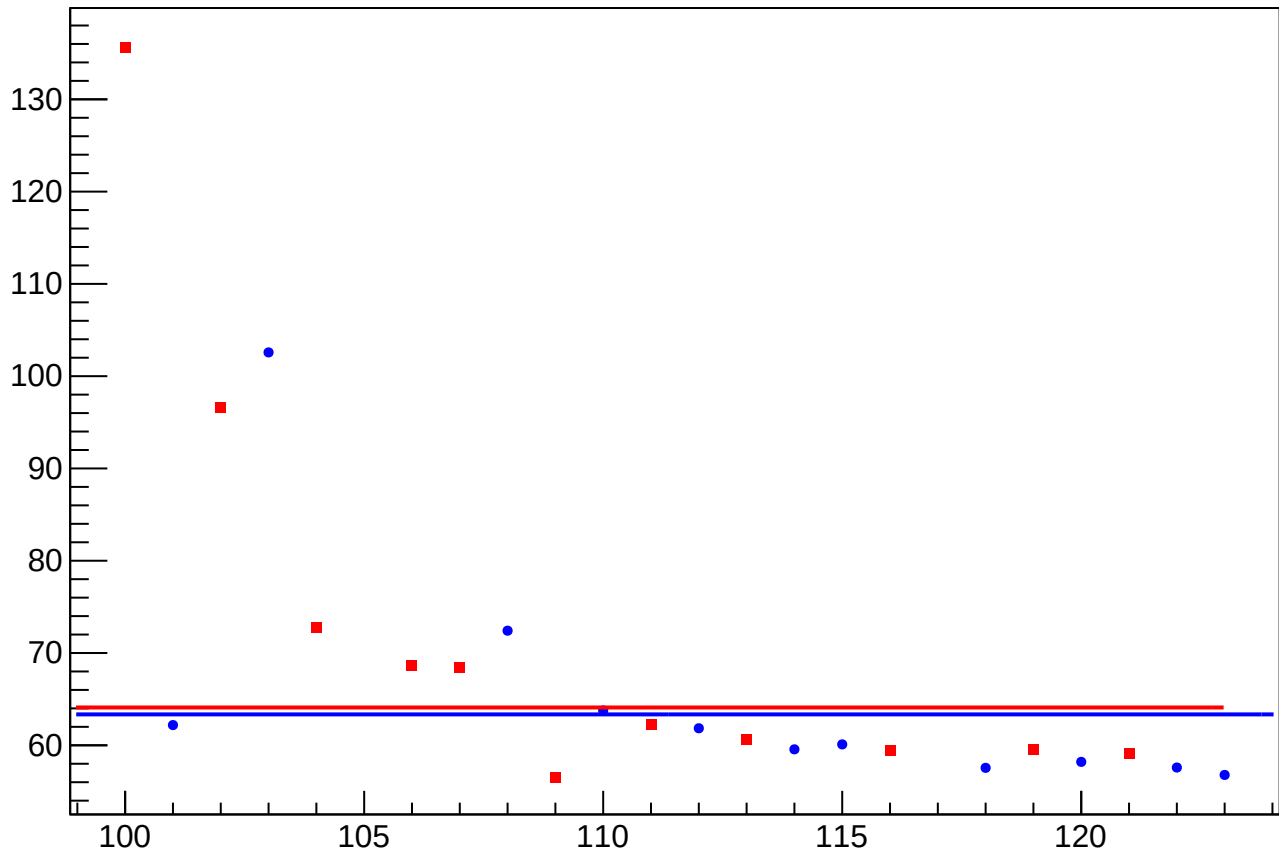
Right: -162.670 $\pm$ 21.966 χ^2 /NDF: 55.4/21

In: -159.097 $\pm$ 31.667 χ^2 /NDF:7.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -162.670 $\pm$ 21.966 χ^2 /NDF: 55.4/21

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.348+/-0.022 χ^2/NDF : 214841.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.097+/-0.022 χ^2/NDF : 241715.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

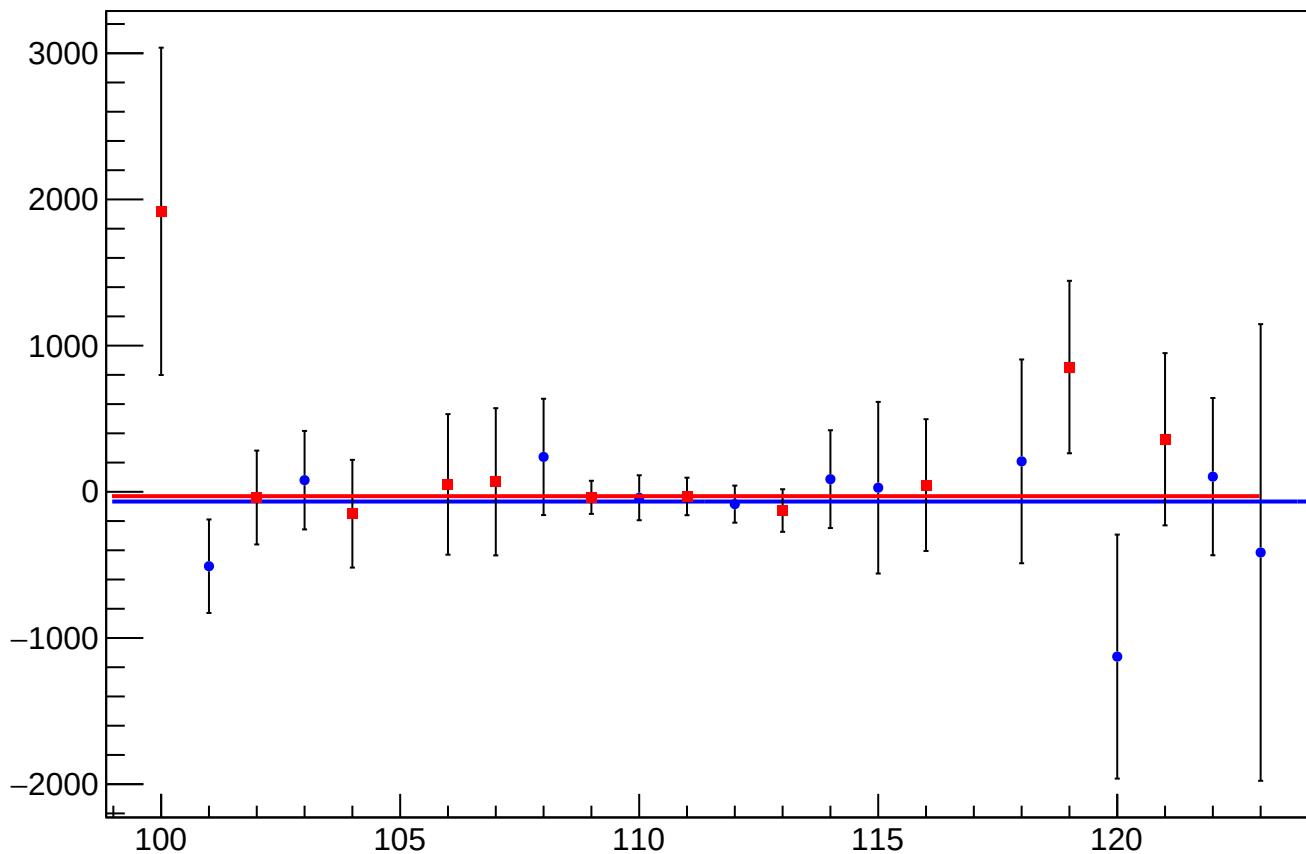
Right: 63.737+/-0.016 χ^2/NDF : 457137.6/21

In: 63.348+/-0.022 χ^2/NDF : 214841.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.737+/-0.016 χ^2/NDF : 457137.6/21

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -66.453+/-82.041 χ^2 /NDF: 4.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -29.898+/-67.020 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

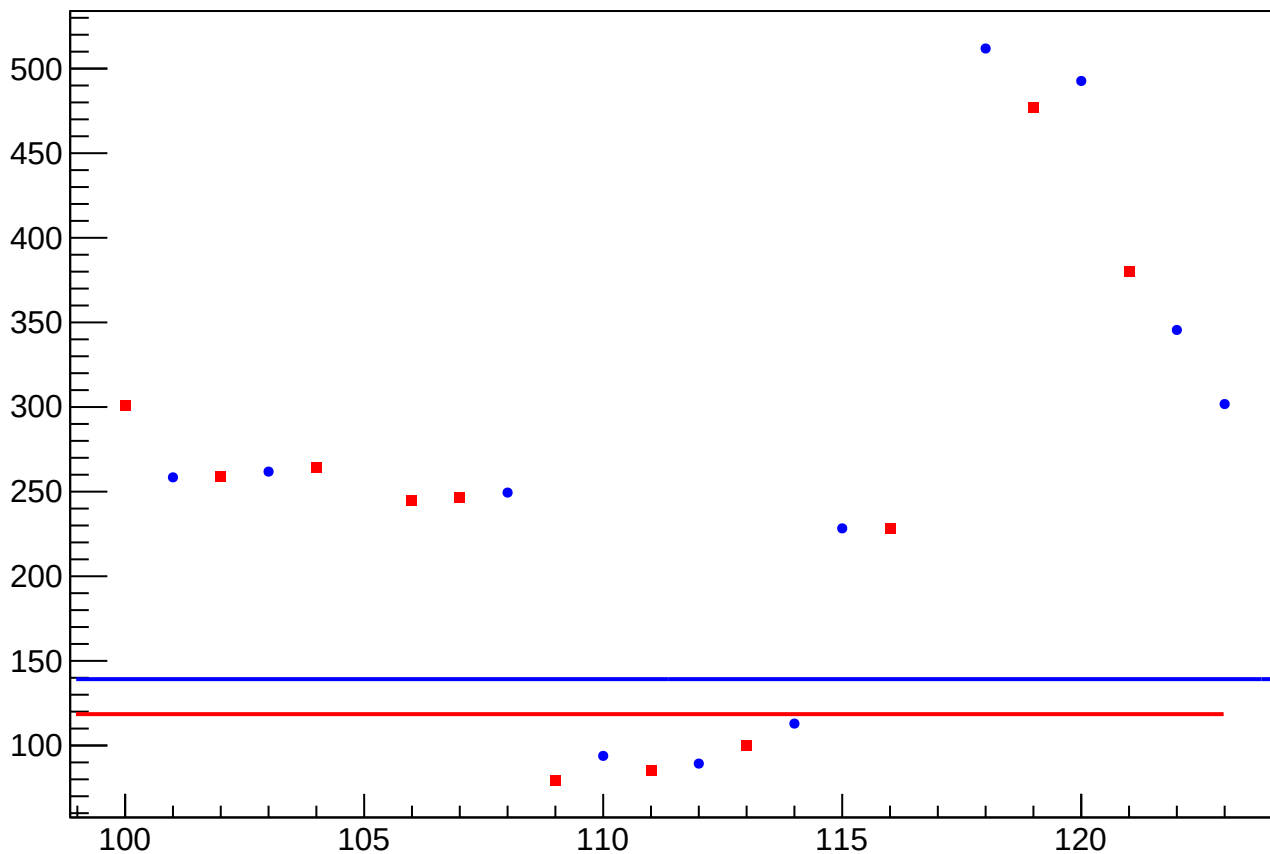
Right: -44.529+/-51.903 χ^2 /NDF: 11.4/21

In: -66.453+/-82.041 χ^2 /NDF:4.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -44.529+/-51.903 χ^2 /NDF: 11.4/21

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 139.202 $\pm$ 0.058 χ^2 /NDF: 2485091.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.527 $\pm$ 0.047 χ^2 /NDF: 2672838.0/10

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

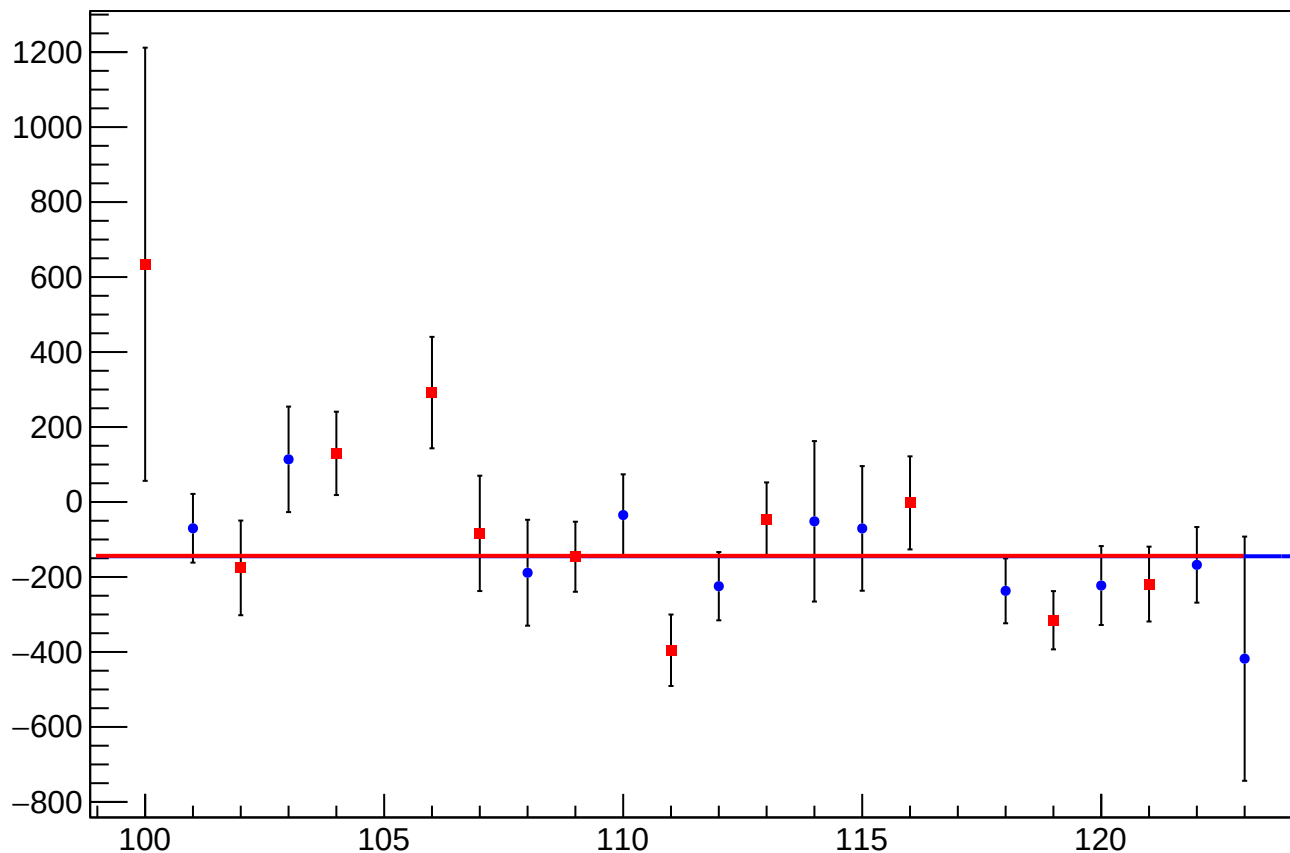
Right: 126.802 $\pm$ 0.037 χ^2 /NDF: 5234114.6/21

In: 139.202 $\pm$ 0.058 χ^2 /NDF:2485091.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.802 $\pm$ 0.037 χ^2 /NDF: 5234114.6/21

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -144.750+/-35.036 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.573+/-33.440 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

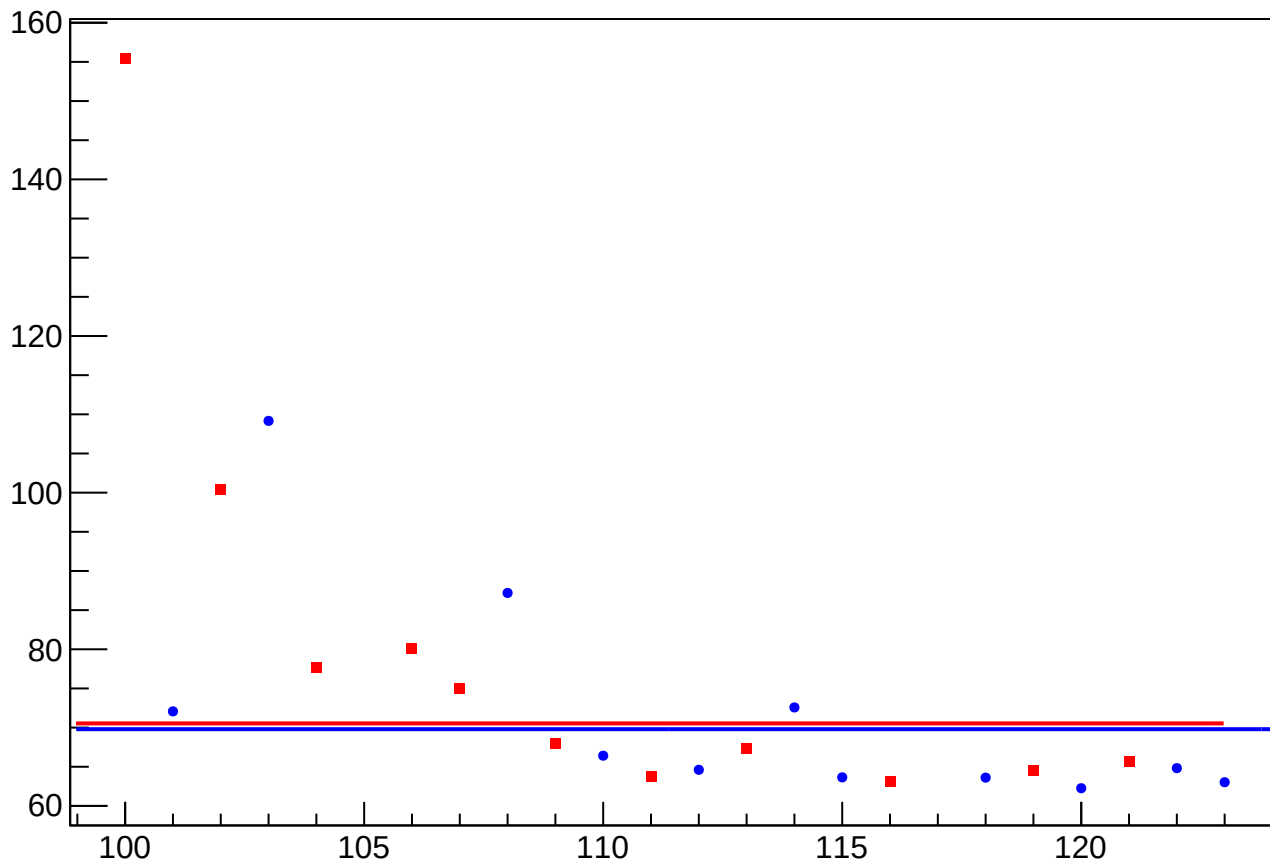
Right: -144.134+/-24.190 χ^2/NDF : 40.2/21

In: -144.750+/-35.036 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.134+/-24.190 χ^2/NDF : 40.2/21

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 69.797 $\pm$ 0.025 χ^2 /NDF: 225824.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.534 $\pm$ 0.024 χ^2 /NDF: 211378.1/10

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

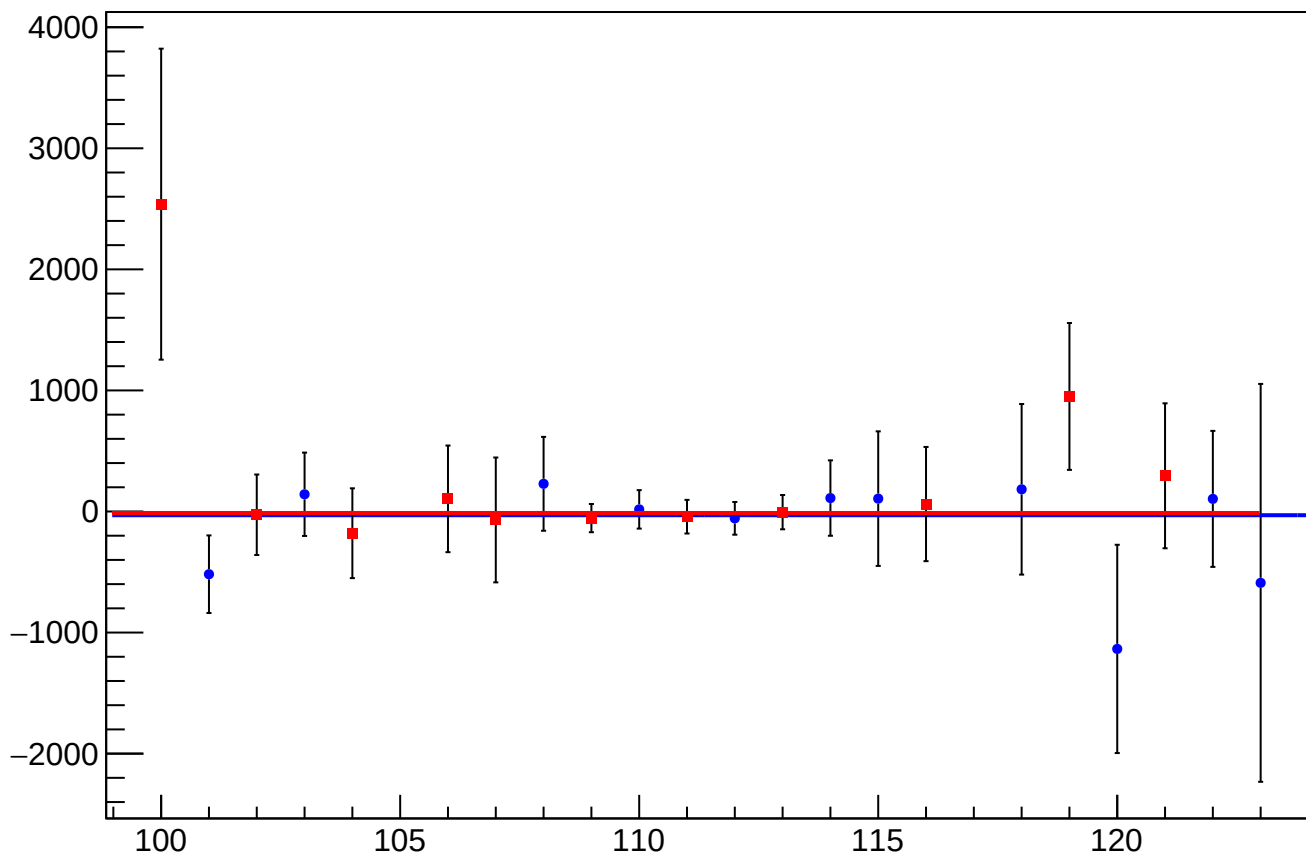
Right: 70.182 $\pm$ 0.017 χ^2 /NDF: 437665.2/21

In: 69.797 $\pm$ 0.025 χ^2 /NDF:225824.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.182 $\pm$ 0.017 χ^2 /NDF: 437665.2/21

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -30.754+/-84.606 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.247+/-68.810 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

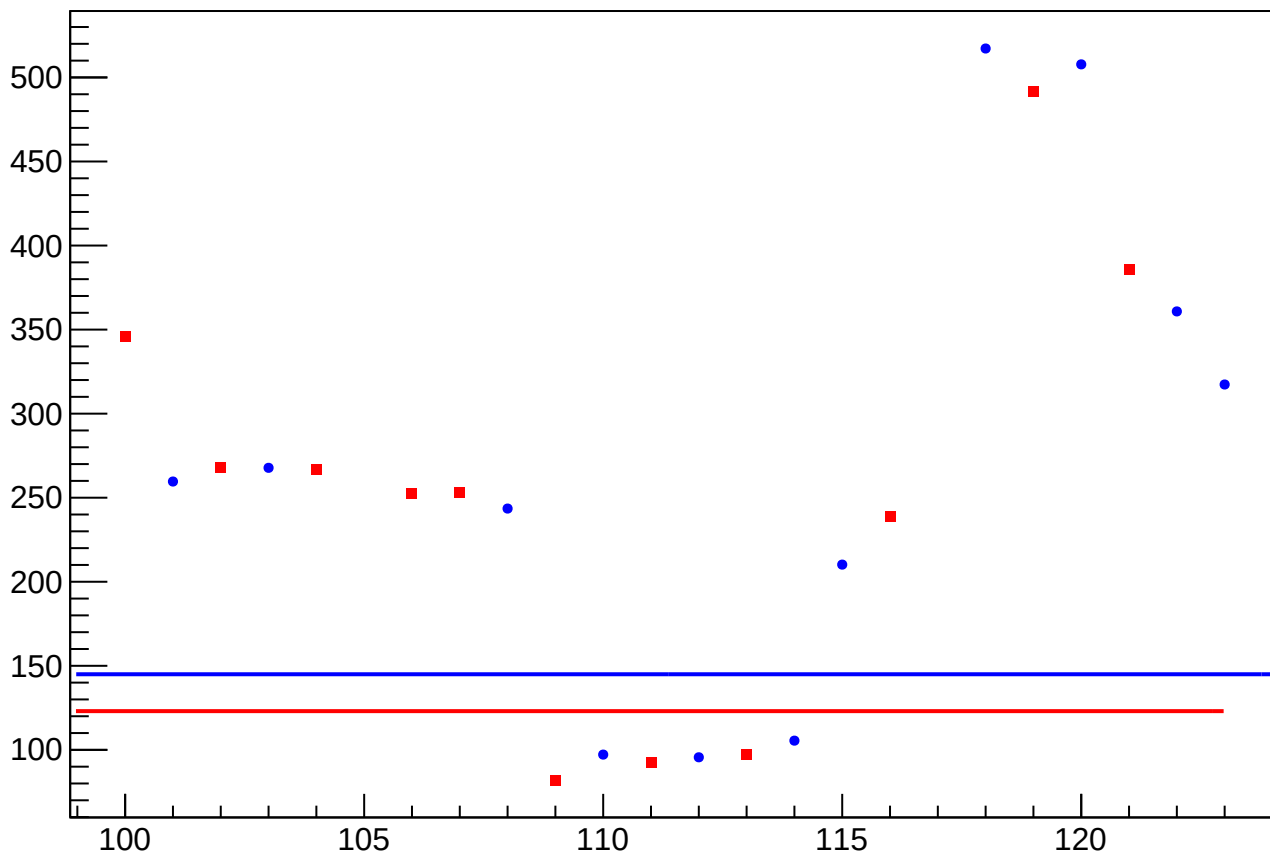
Right: -19.615+/-53.383 χ^2/NDF : 12.6/21

In: -30.754+/-84.606 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.615+/-53.383 χ^2/NDF : 12.6/21

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 144.974+/-0.060 χ^2/NDF : 2379362.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.037+/-0.049 χ^2/NDF : 2698500.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

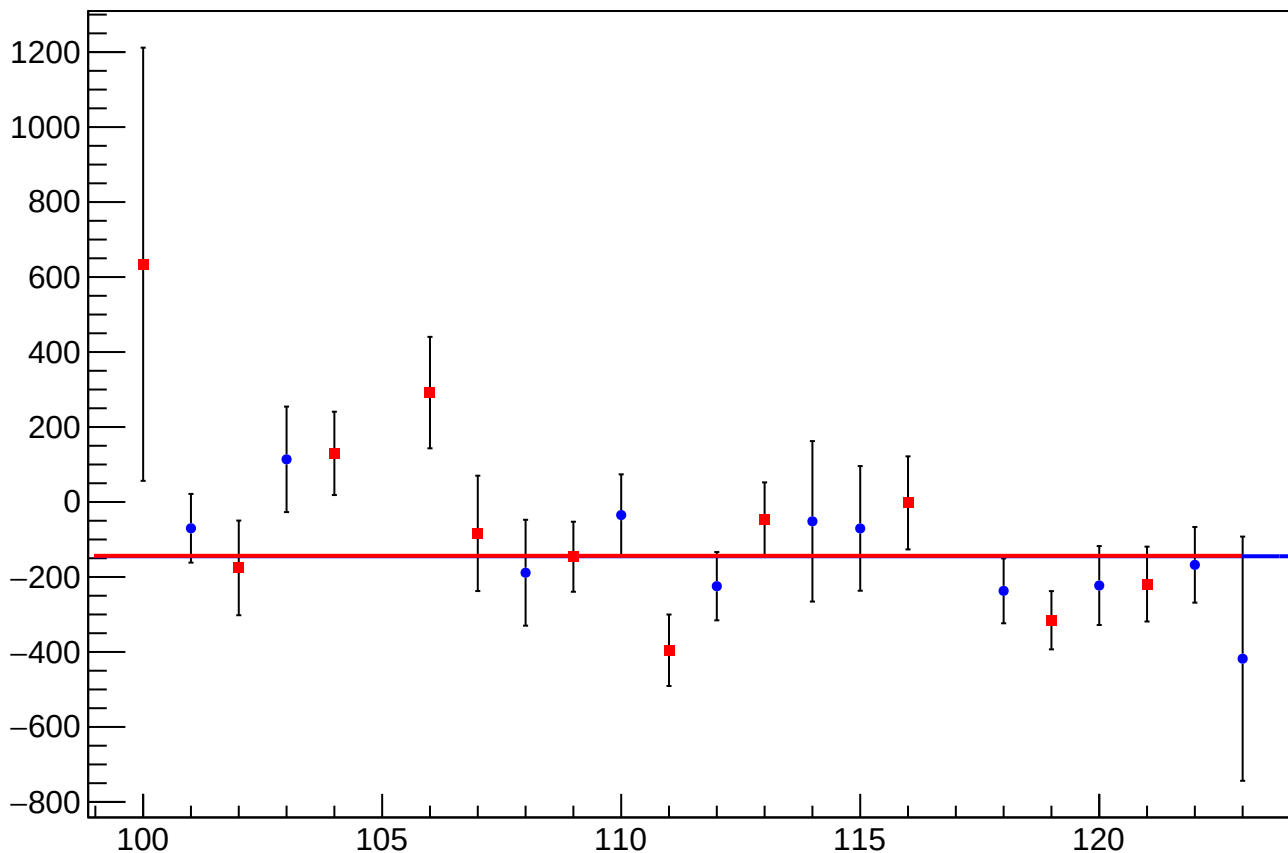
Right: 131.771+/-0.038 χ^2/NDF : 5158791.8/21

In: 144.974+/-0.060 χ^2/NDF :2379362.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.771+/-0.038 χ^2/NDF : 5158791.8/21

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -144.749+/-35.036 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.574+/-33.440 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

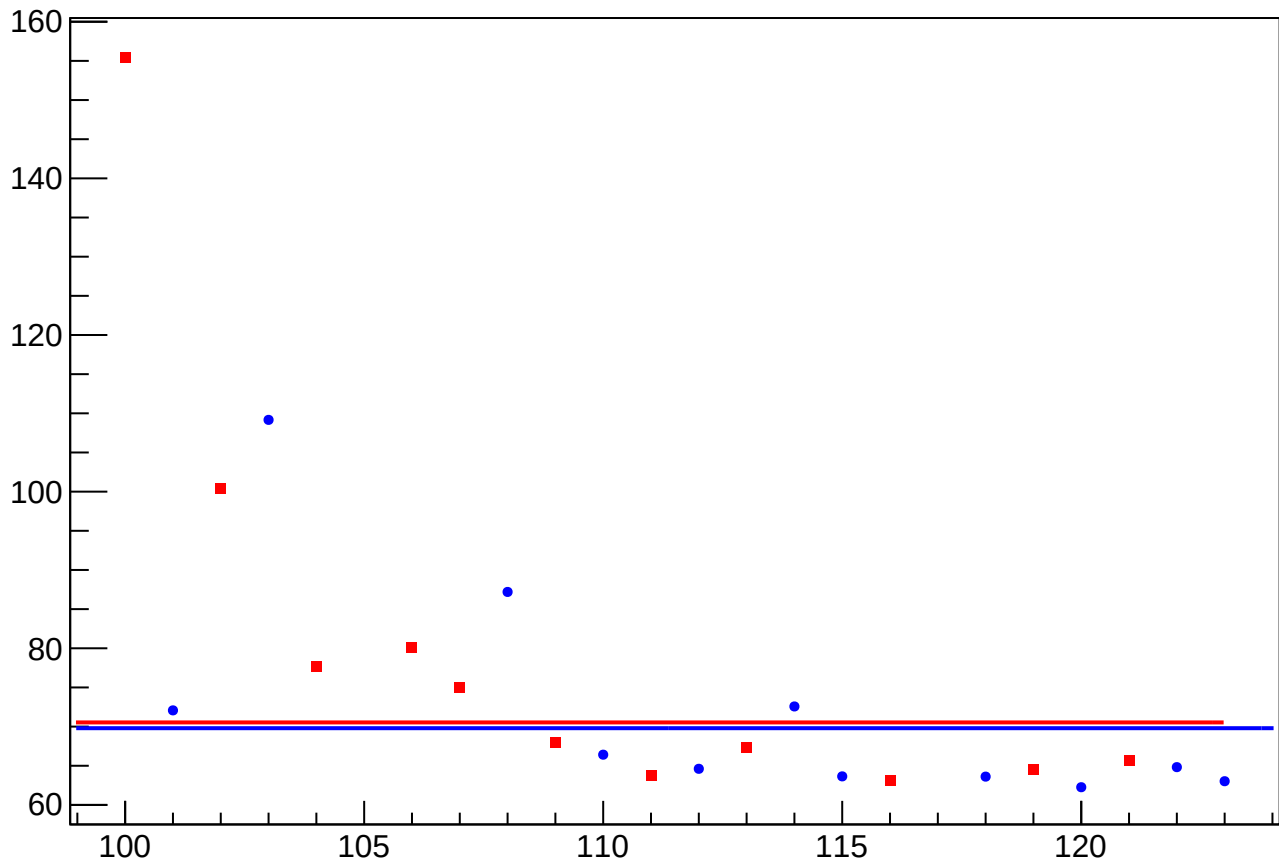
Right: -144.134+/-24.190 χ^2/NDF : 40.2/21

In: -144.749+/-35.036 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.134+/-24.190 χ^2/NDF : 40.2/21

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 69.797 $\pm$ 0.025 χ^2 /NDF: 225825.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.533 $\pm$ 0.024 χ^2 /NDF: 211379.7/10

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

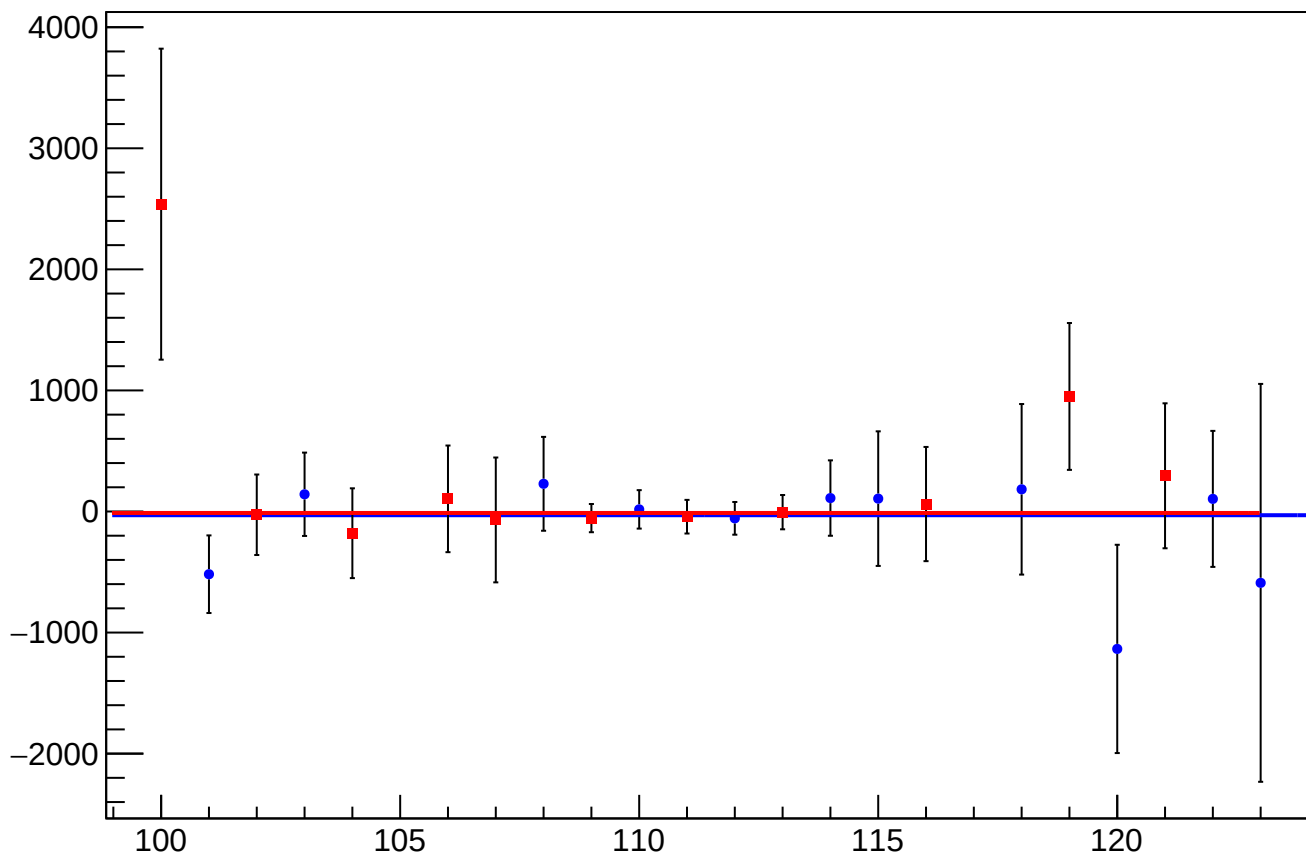
Right: 70.182 $\pm$ 0.017 χ^2 /NDF: 437667.6/21

In: 69.797 $\pm$ 0.025 χ^2 /NDF:225825.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.182 $\pm$ 0.017 χ^2 /NDF: 437667.6/21

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -30.754+/-84.605 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.248+/-68.810 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

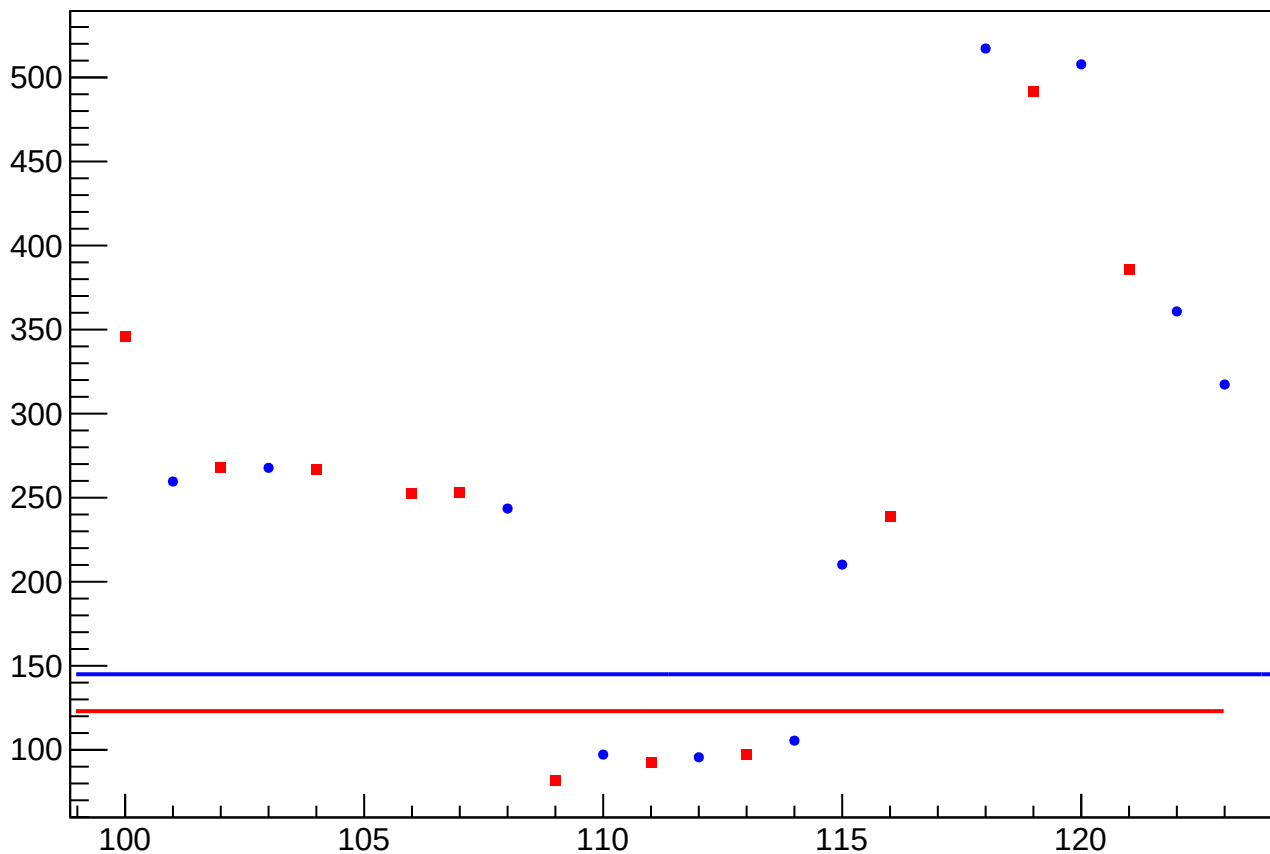
Right: -19.616+/-53.383 χ^2/NDF : 12.6/21

In: -30.754+/-84.605 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.616+/-53.383 χ^2/NDF : 12.6/21

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 144.973+/-0.060 χ^2/NDF : 2379371.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.037+/-0.049 χ^2/NDF : 2698487.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

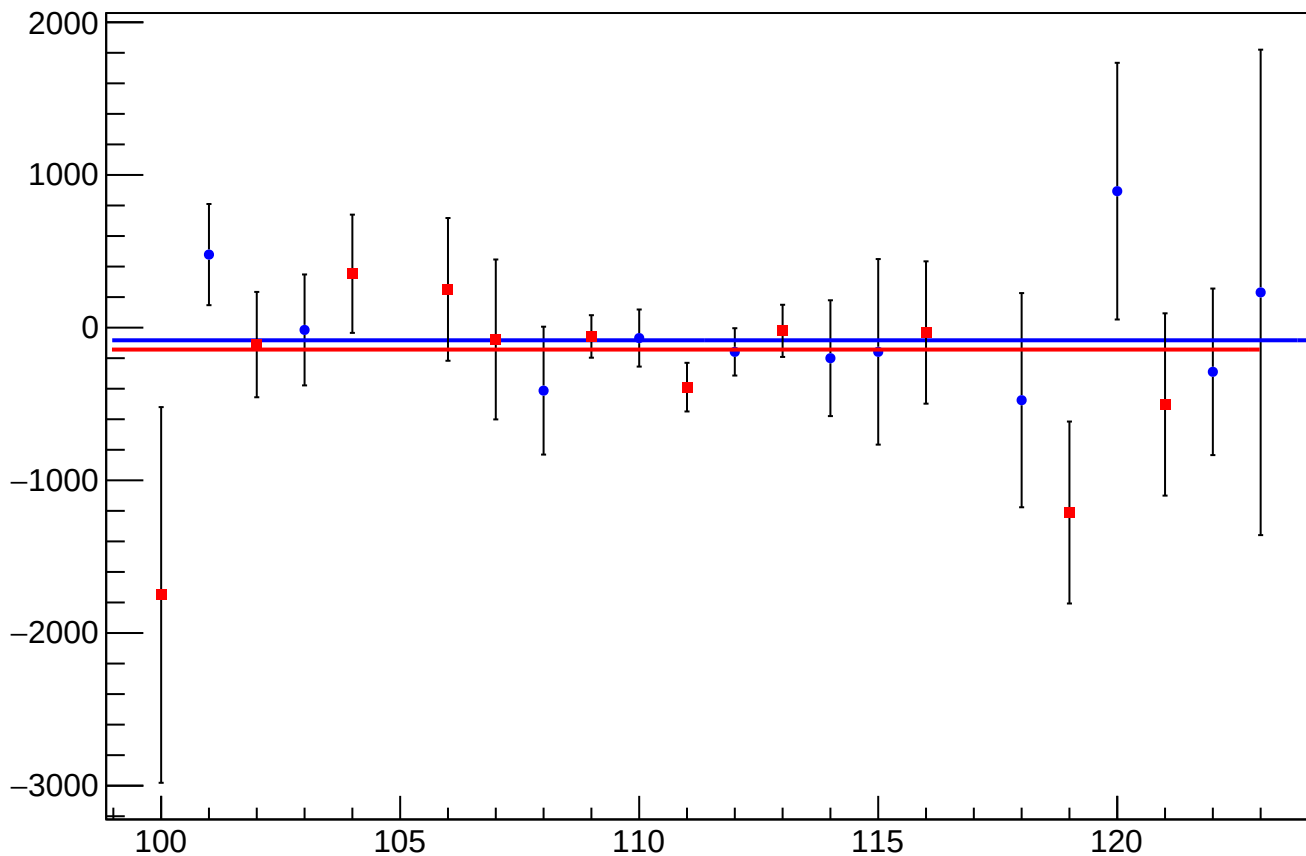
Right: 131.770+/-0.038 χ^2/NDF : 5158781.8/21

In: 144.973+/-0.060 χ^2/NDF : 2379371.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.770+/-0.038 χ^2/NDF : 5158781.8/21

asym_sam8_mean vs Slug, Sign Corrected



Right In: -82.797 $\pm$ 95.578 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -143.596 $\pm$ 79.192 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

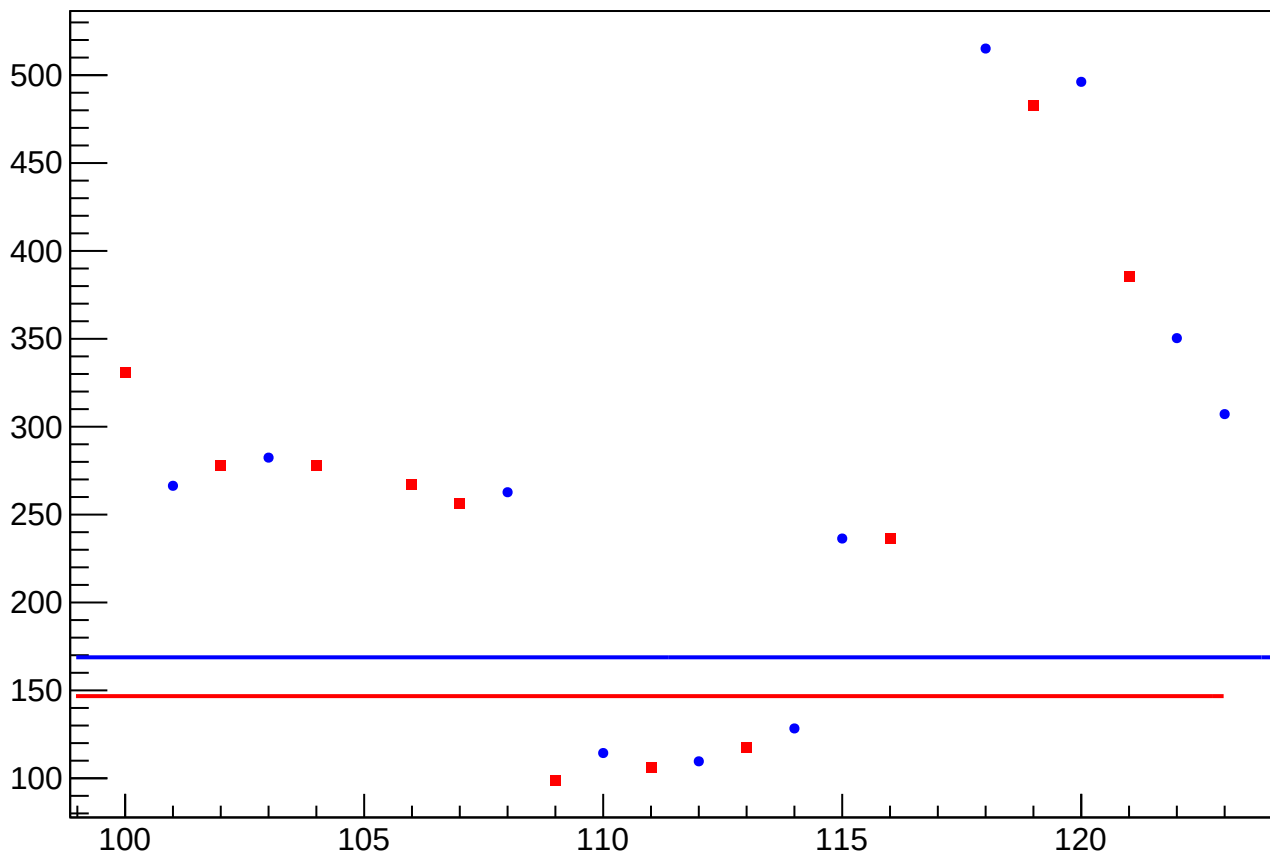
Right: -118.847 $\pm$ 60.980 χ^2 /NDF: 17.0/21

In: -82.797 $\pm$ 95.578 χ^2 /NDF:5.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -118.847 $\pm$ 60.980 χ^2 /NDF: 17.0/21

asym_sam8_rms vs Slug, Sign Corrected



Right In: 168.810+/-0.068 χ^2/NDF : 2005951.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.730+/-0.056 χ^2/NDF : 2239820.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

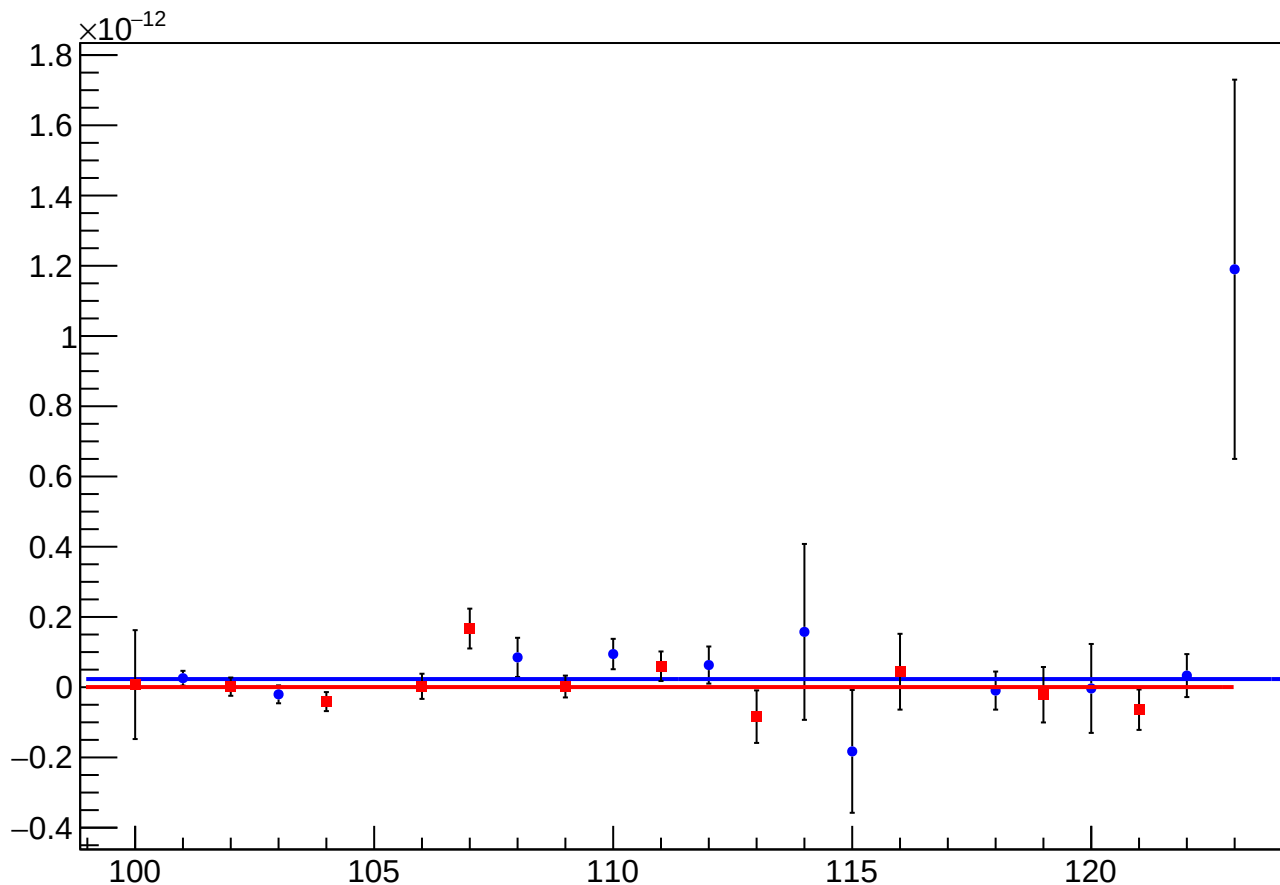
Right: 155.718+/-0.043 χ^2/NDF : 4309062.1/21

In: 168.810+/-0.068 χ^2/NDF : 2005951.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.718+/-0.043 χ^2/NDF : 4309062.1/21

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

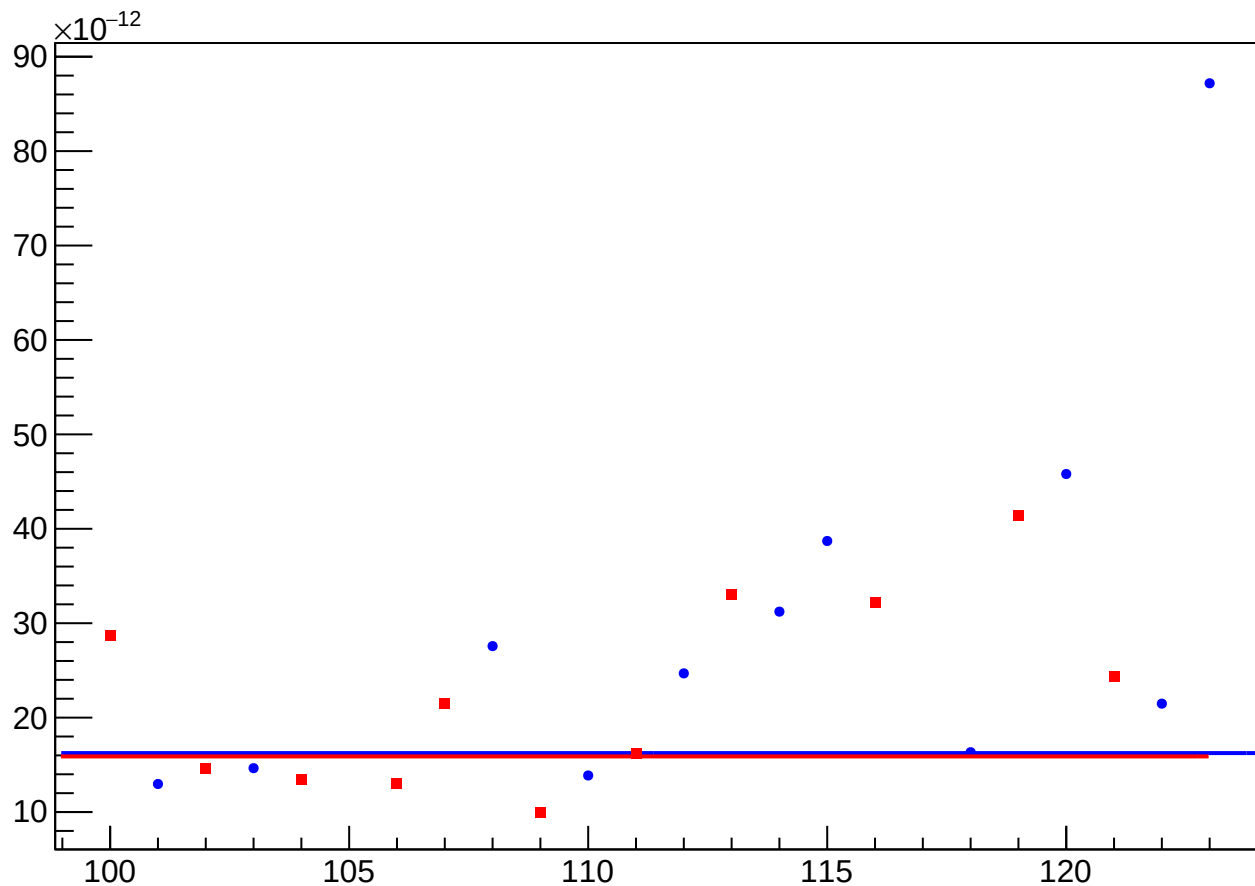
Right: 0.000+/-0.000 χ^2/NDF : 31.5/21

In: 0.000+/-0.000 χ^2/NDF : 14.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.5/21

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 394525.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 541812.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

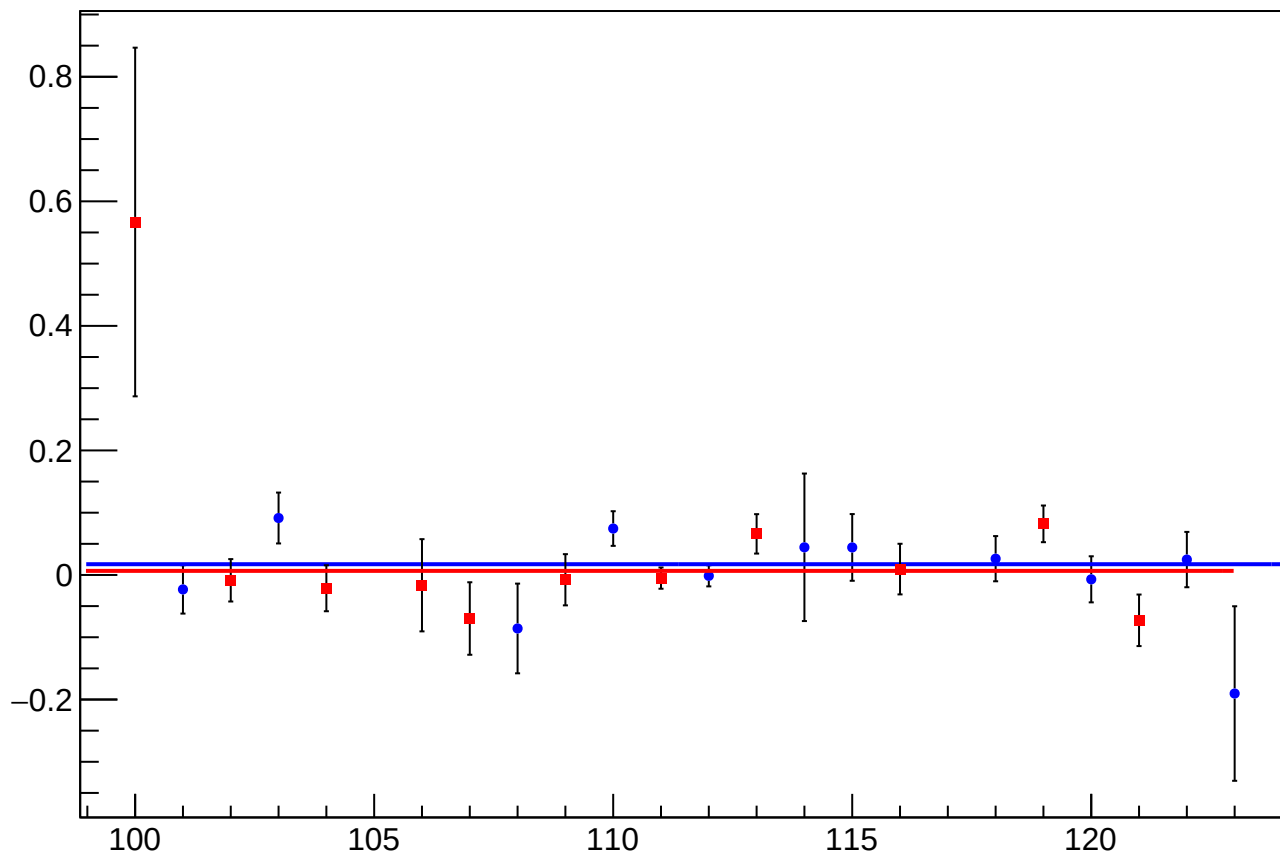
Right: 0.000+/-0.000 χ^2/NDF : 937090.2/21

In: 0.000+/-0.000 χ^2/NDF : 394525.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 937090.2/21

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.011 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.010 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

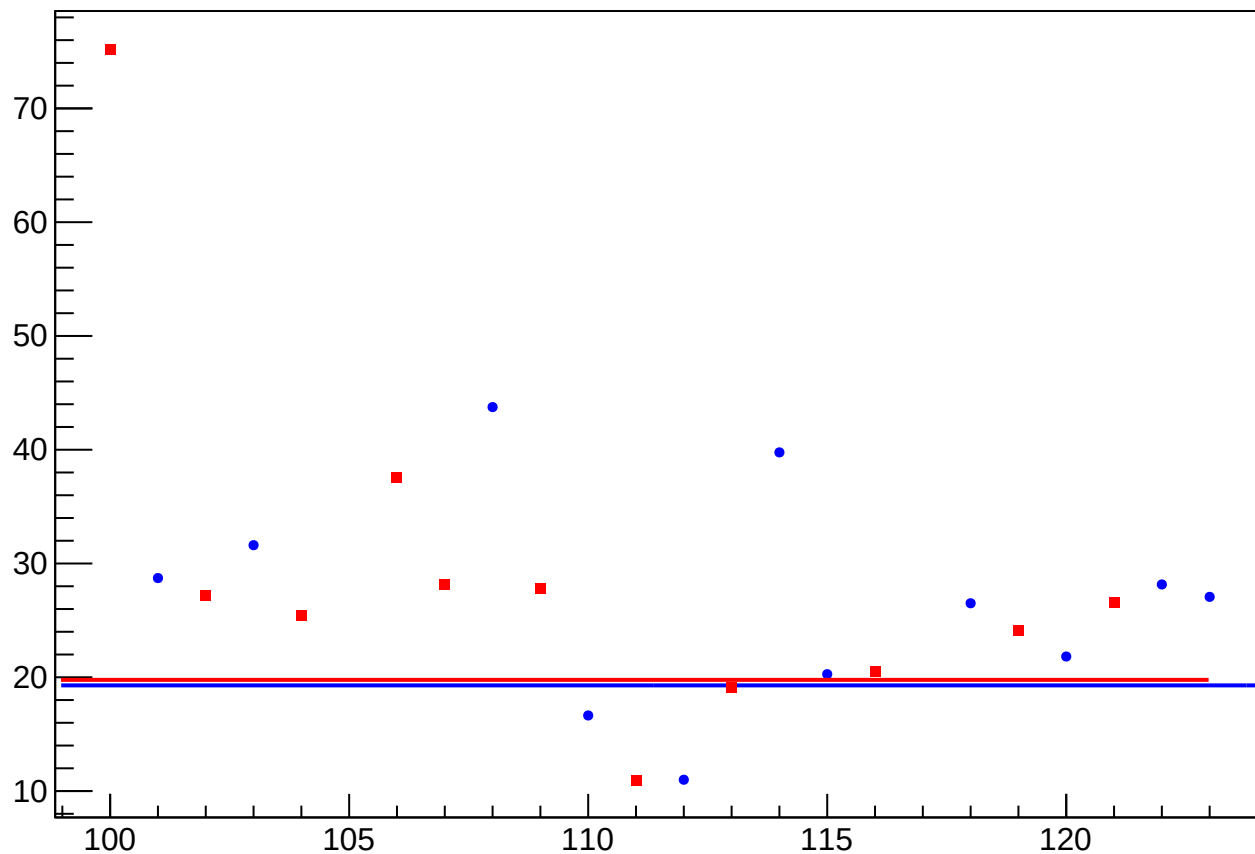
Right: 0.012+/-0.007 χ^2/NDF : 36.4/21

In: 0.017+/-0.011 χ^2/NDF : 14.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.007 χ^2/NDF : 36.4/21

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.287+/-0.008 χ^2/NDF : 1264091.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.774+/-0.007 χ^2/NDF : 1093756.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

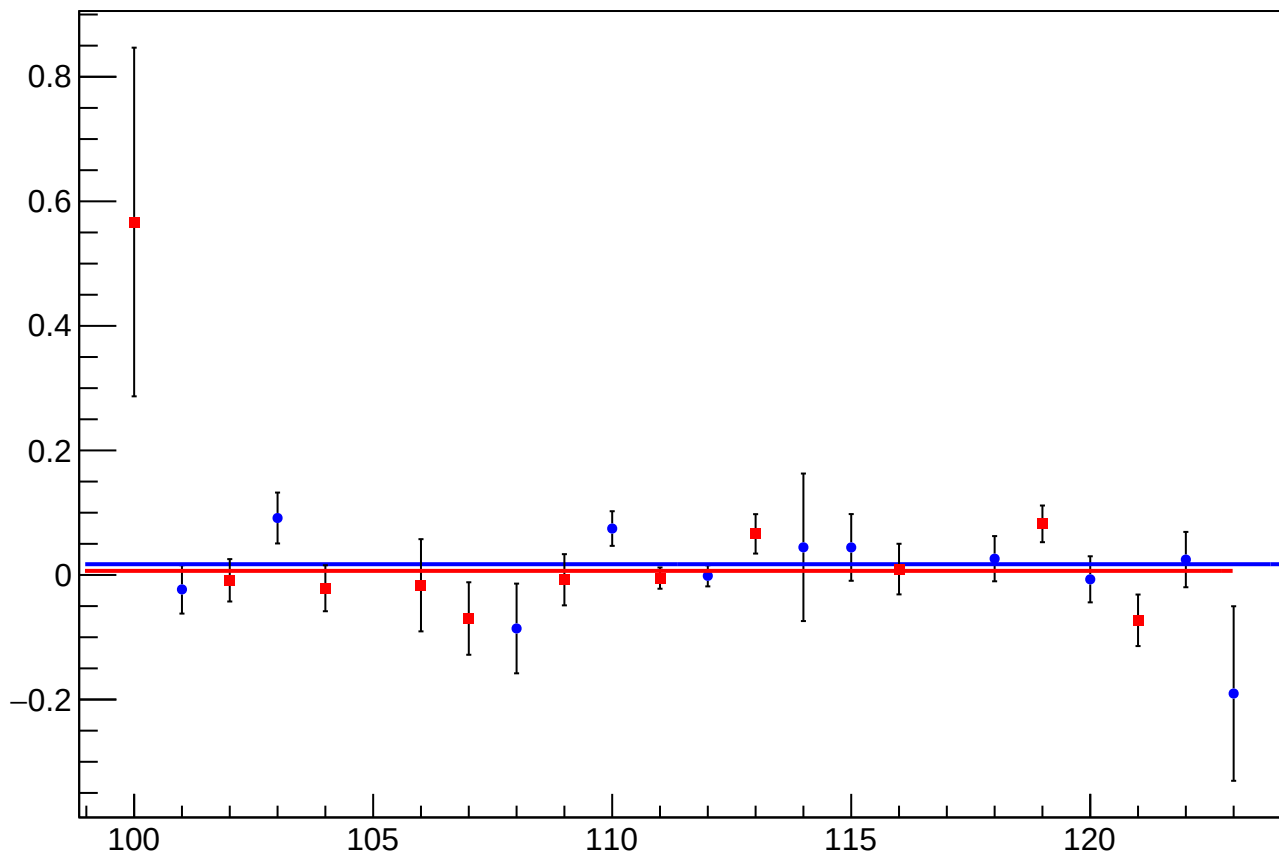
Right: 19.541+/-0.005 χ^2/NDF : 2359992.8/21

In: 19.287+/-0.008 χ^2/NDF : 1264091.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.541+/-0.005 χ^2/NDF : 2359992.8/21

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.011 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.010 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

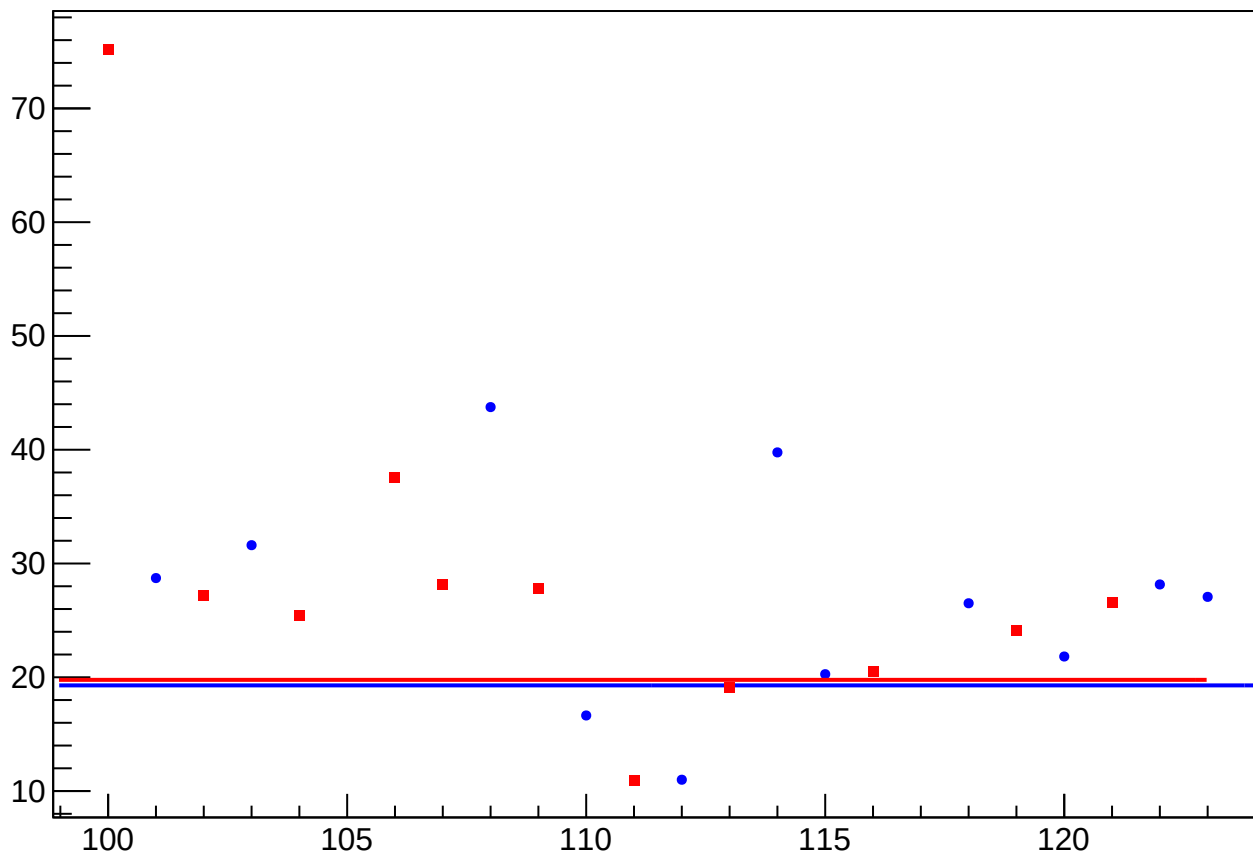
Right: 0.012+/-0.007 χ^2/NDF : 36.4/21

In: 0.017+/-0.011 χ^2/NDF : 14.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.007 χ^2/NDF : 36.4/21

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.287+/-0.008 χ^2/NDF : 1264091.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.774+/-0.007 χ^2/NDF : 1093756.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

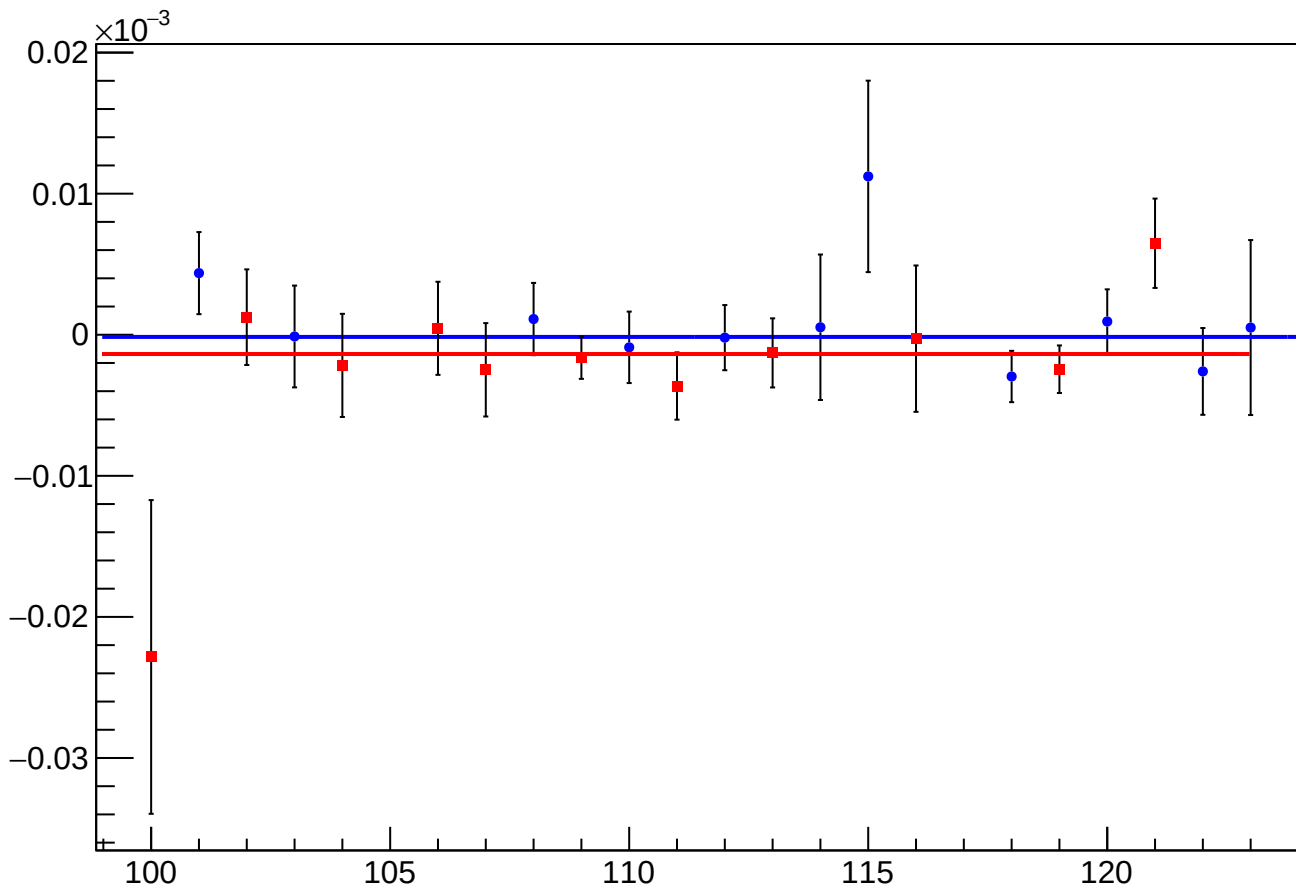
Right: 19.541+/-0.005 χ^2/NDF : 2359992.8/21

In: 19.287+/-0.008 χ^2/NDF :1264091.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.541+/-0.005 χ^2/NDF : 2359992.8/21

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.8/10

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

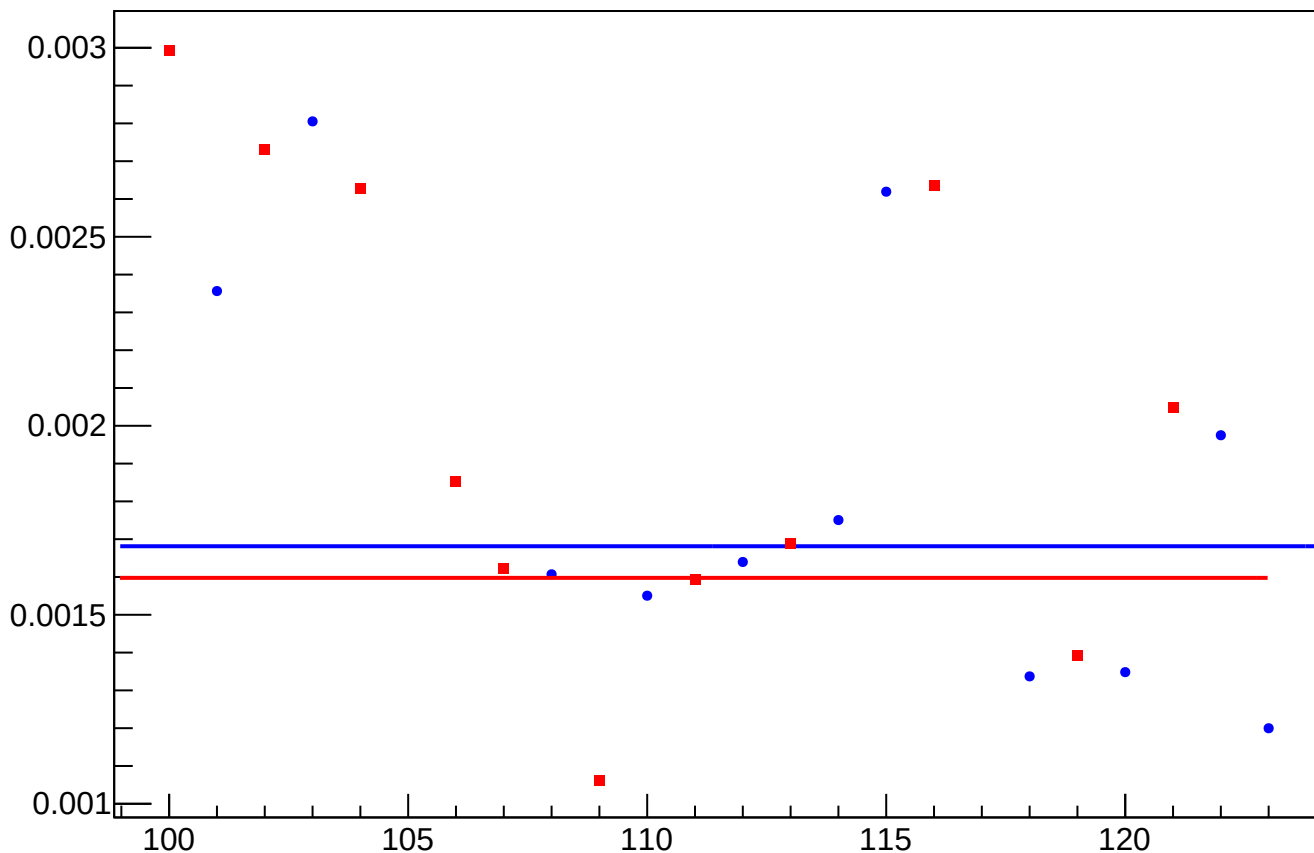
Right: -0.000+/-0.000 χ^2 /NDF: 22.3/21

In: -0.000+/-0.000 χ^2 /NDF:8.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.3/21

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 492687.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 834668.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

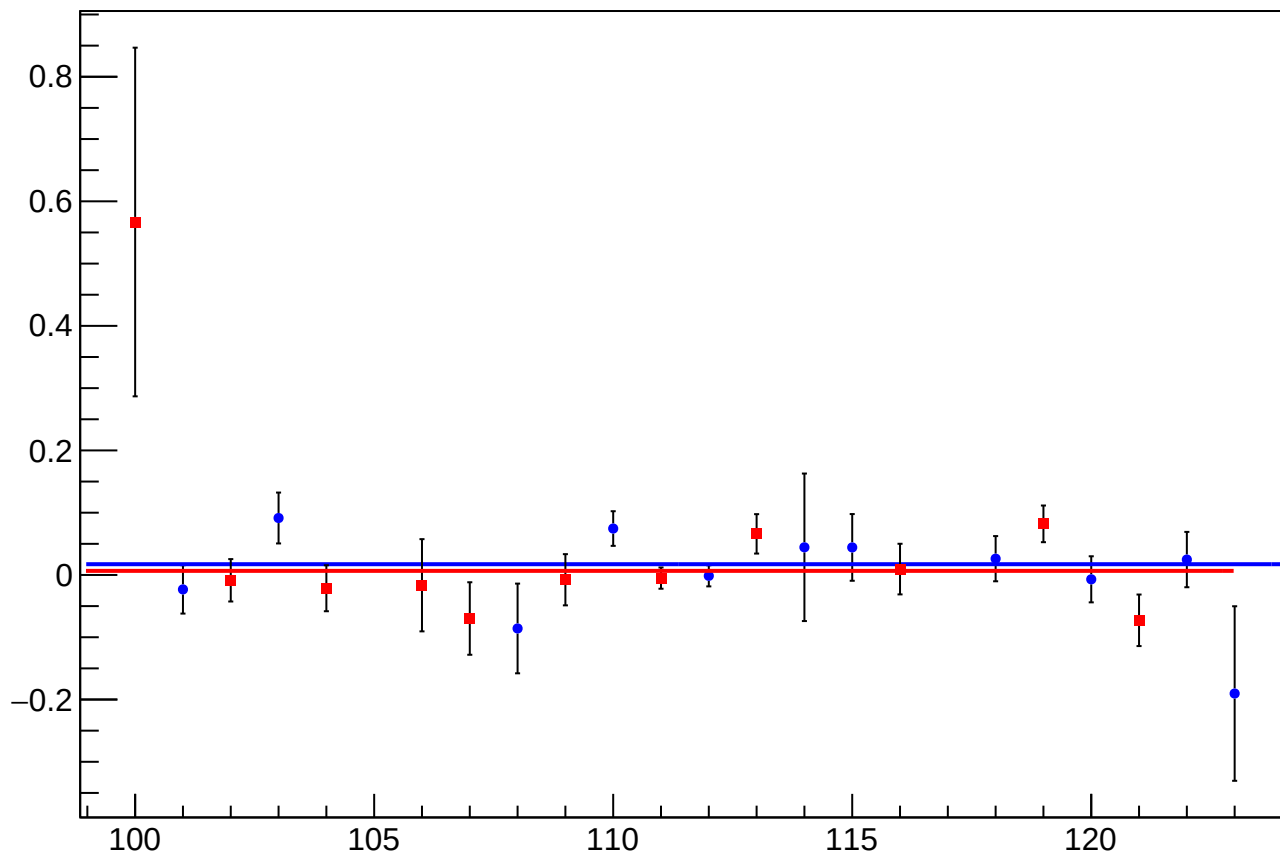
Right: 0.002+/-0.000 χ^2/NDF : 1337803.9/21

In: 0.002+/-0.000 χ^2/NDF :492687.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1337803.9/21

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.011 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.010 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

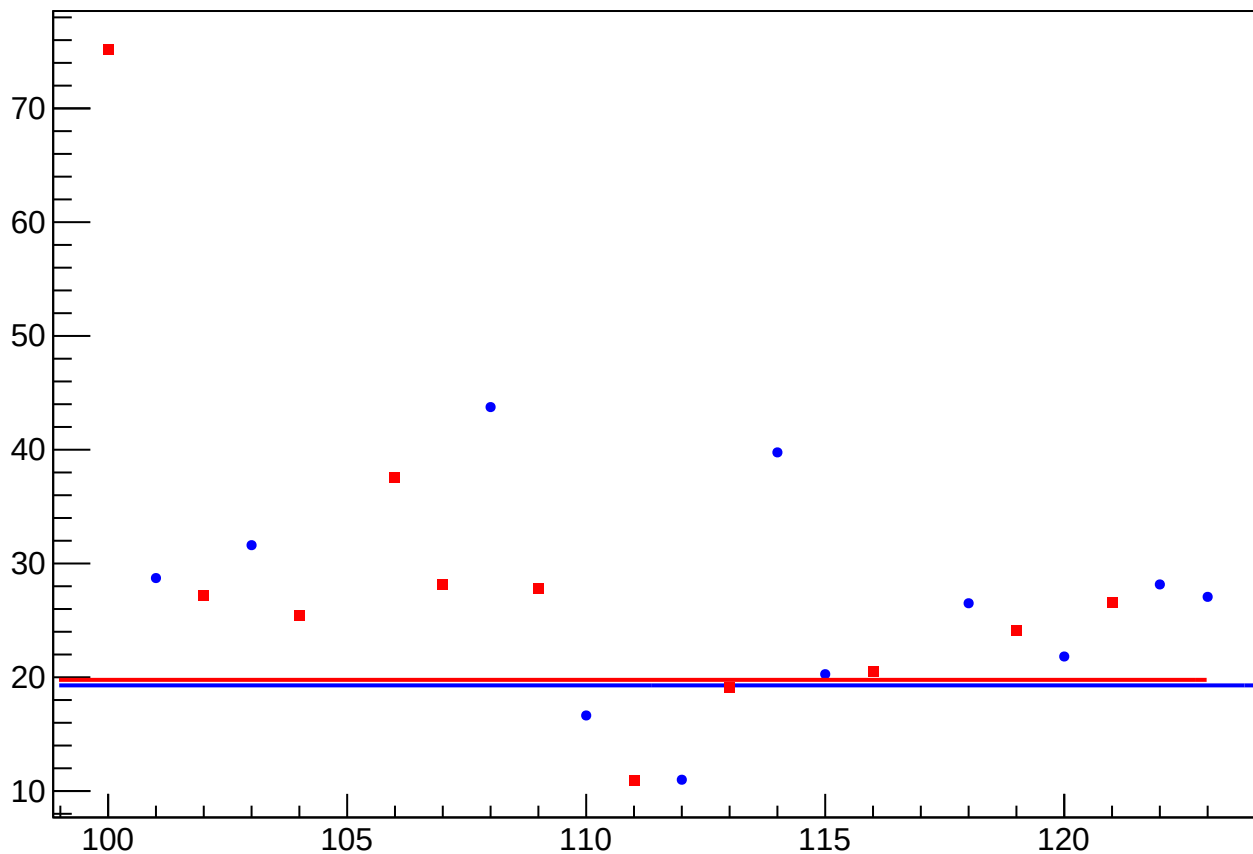
Right: 0.012+/-0.007 χ^2/NDF : 36.4/21

In: 0.017+/-0.011 χ^2/NDF : 14.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.007 χ^2/NDF : 36.4/21

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.287+/-0.008 χ^2/NDF : 1264232.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.773+/-0.007 χ^2/NDF : 1093897.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

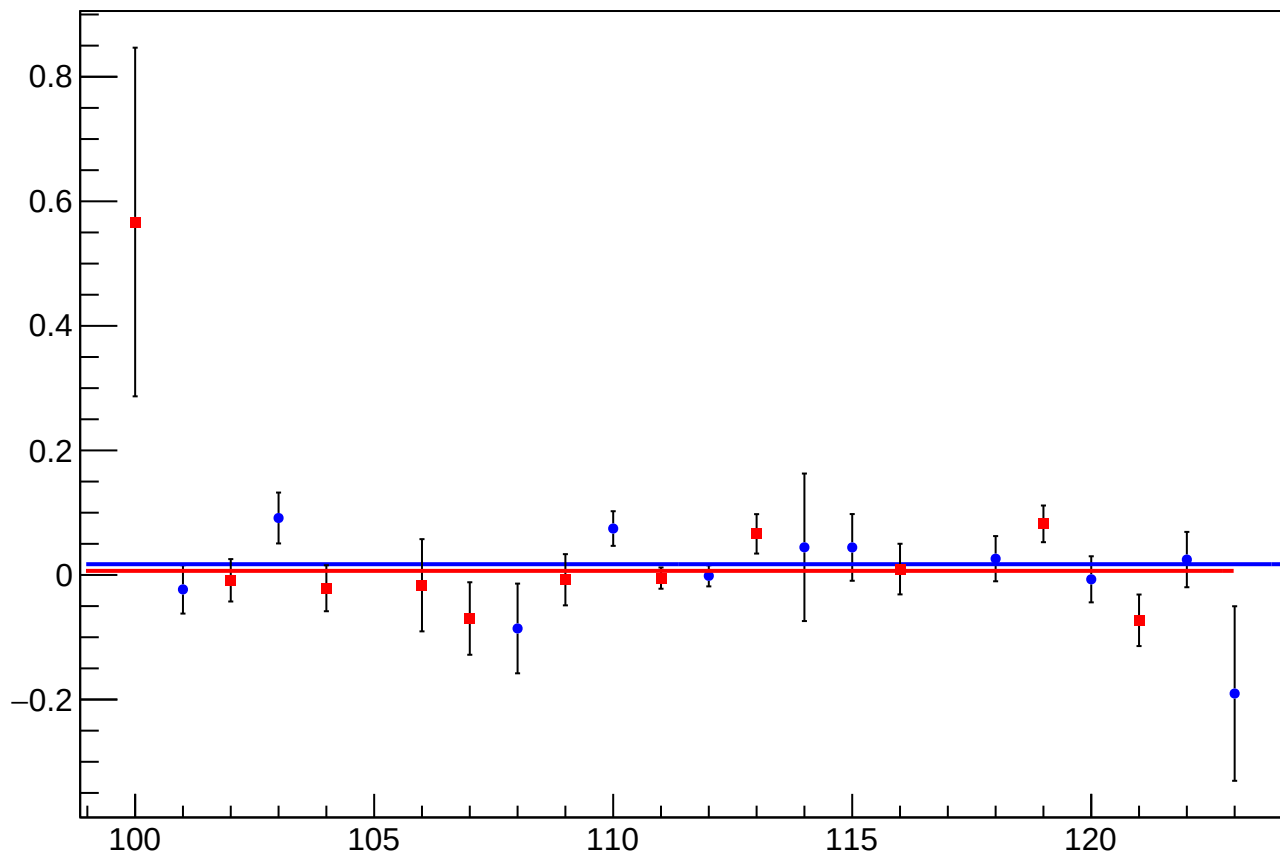
Right: 19.540+/-0.005 χ^2/NDF : 2360275.2/21

In: 19.287+/-0.008 χ^2/NDF : 1264232.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.540+/-0.005 χ^2/NDF : 2360275.2/21

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.011 χ^2 /NDF: 14.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.010 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

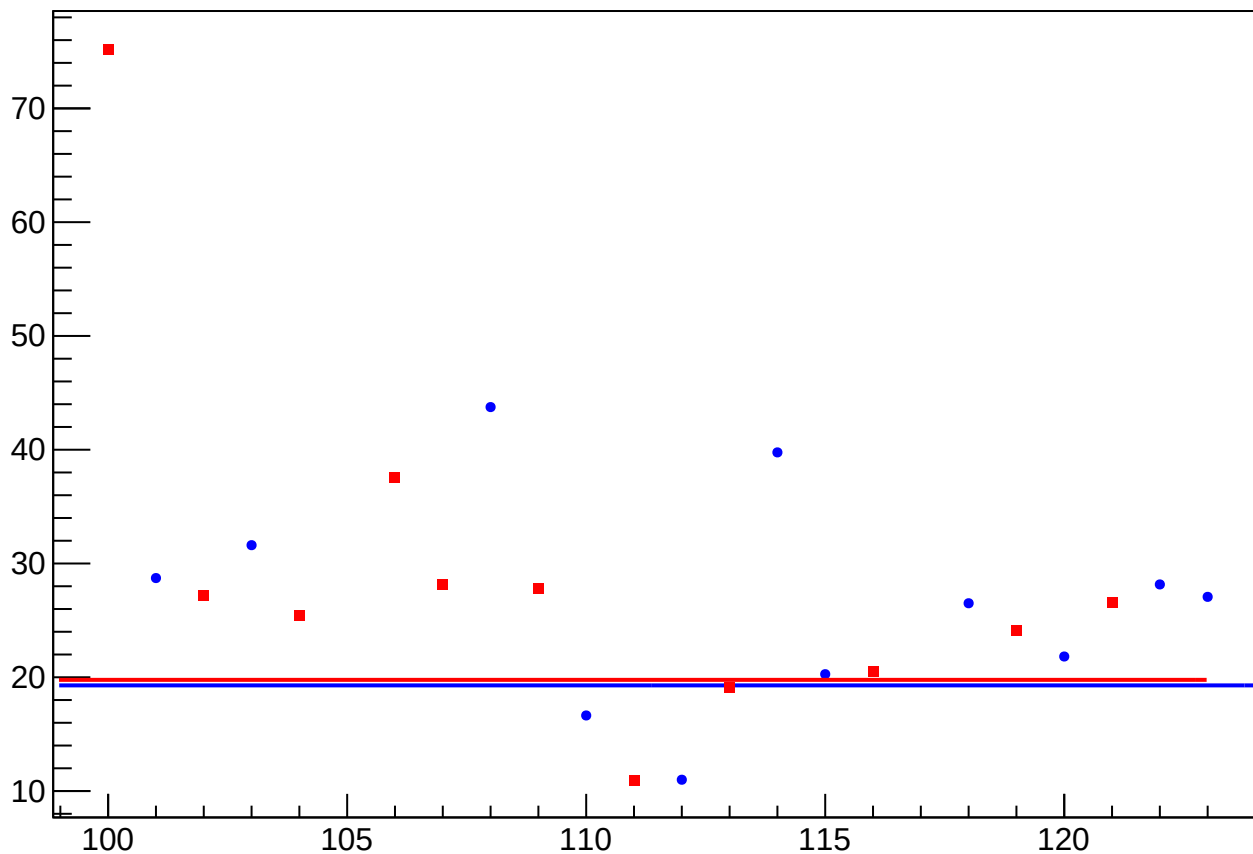
Right: 0.012 $\pm$ 0.007 χ^2 /NDF: 36.4/21

In: 0.017 $\pm$ 0.011 χ^2 /NDF:14.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.007 χ^2 /NDF: 36.4/21

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.287+/-0.008 χ^2/NDF : 1264232.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.773+/-0.007 χ^2/NDF : 1093897.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

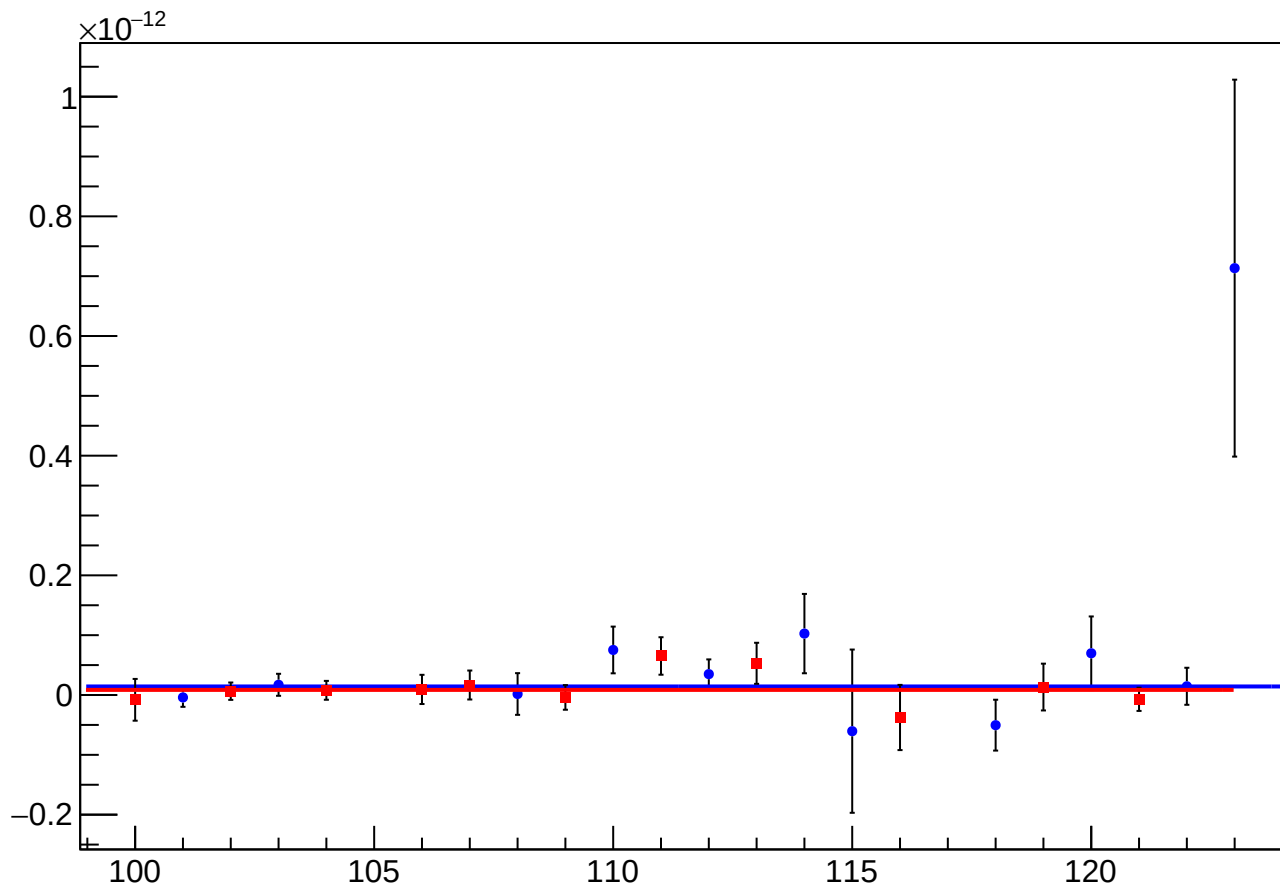
Right: 19.540+/-0.005 χ^2/NDF : 2360275.2/21

In: 19.287+/-0.008 χ^2/NDF : 1264232.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.540+/-0.005 χ^2/NDF : 2360275.2/21

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/10

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

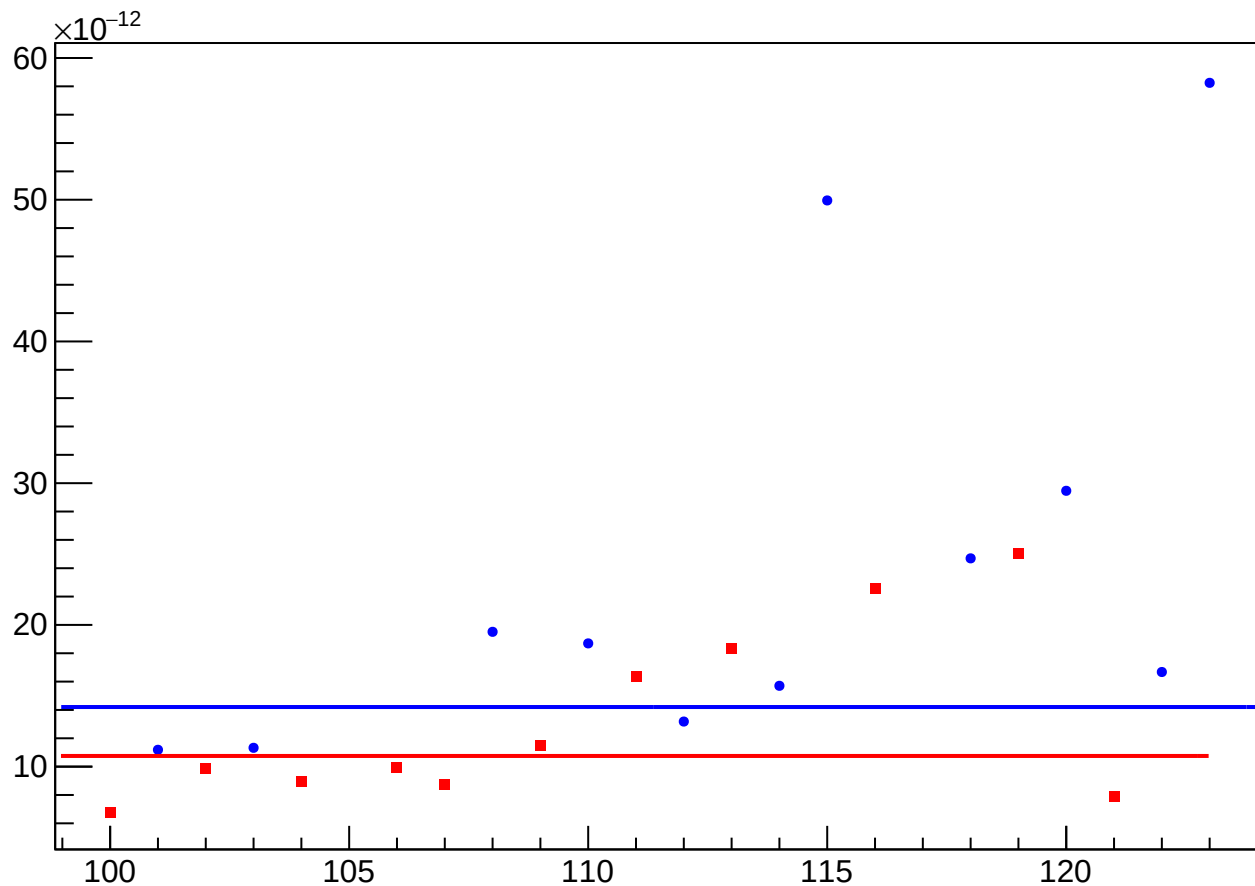
Right: 0.000+/-0.000 χ^2/NDF : 22.1/21

In: 0.000+/-0.000 χ^2/NDF : 14.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.1/21

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 634213.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 645854.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

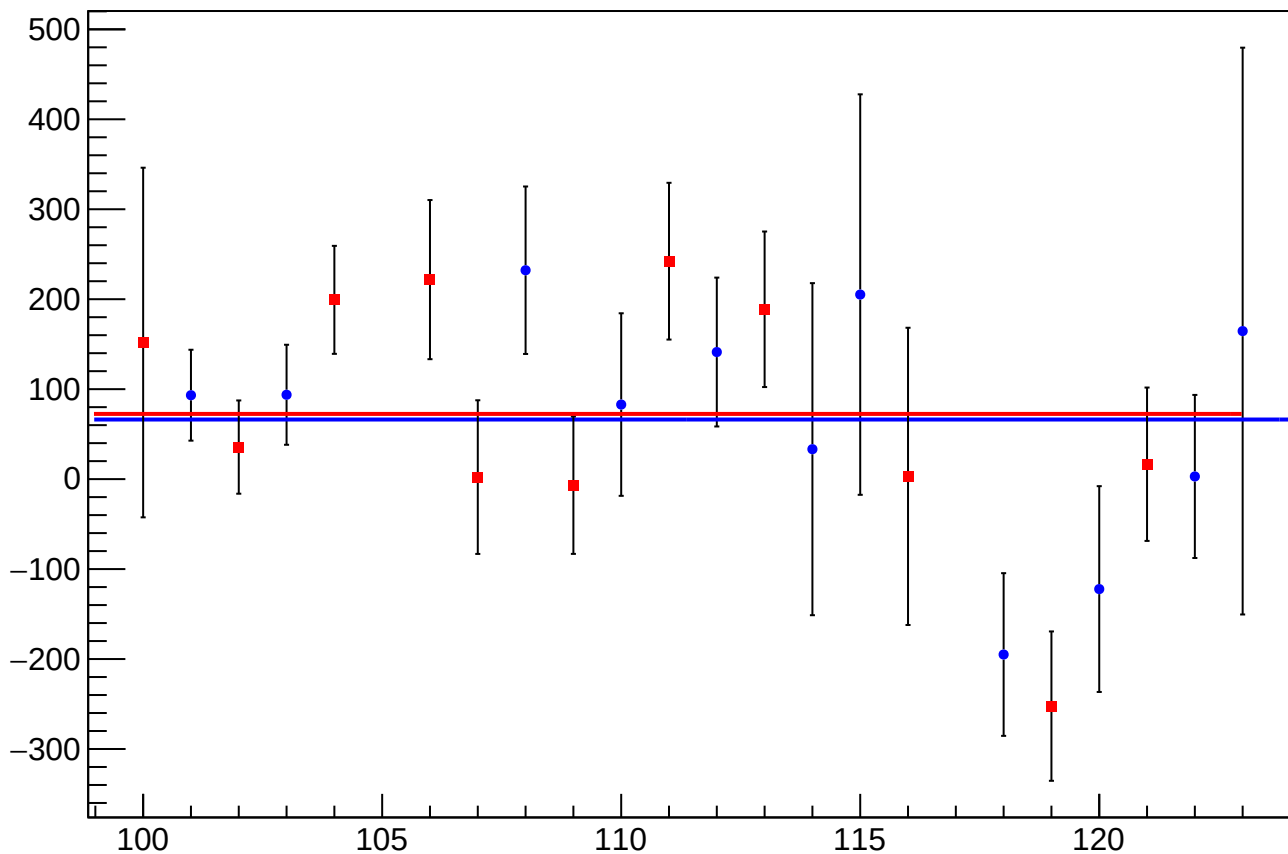
Right: 0.000+/-0.000 χ^2/NDF : 1464541.1/21

In: 0.000+/-0.000 χ^2/NDF : 634213.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1464541.1/21

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 66.252 $\pm$ 26.225 χ^2 /NDF: 16.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.483 $\pm$ 24.272 χ^2 /NDF: 31.3/10

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

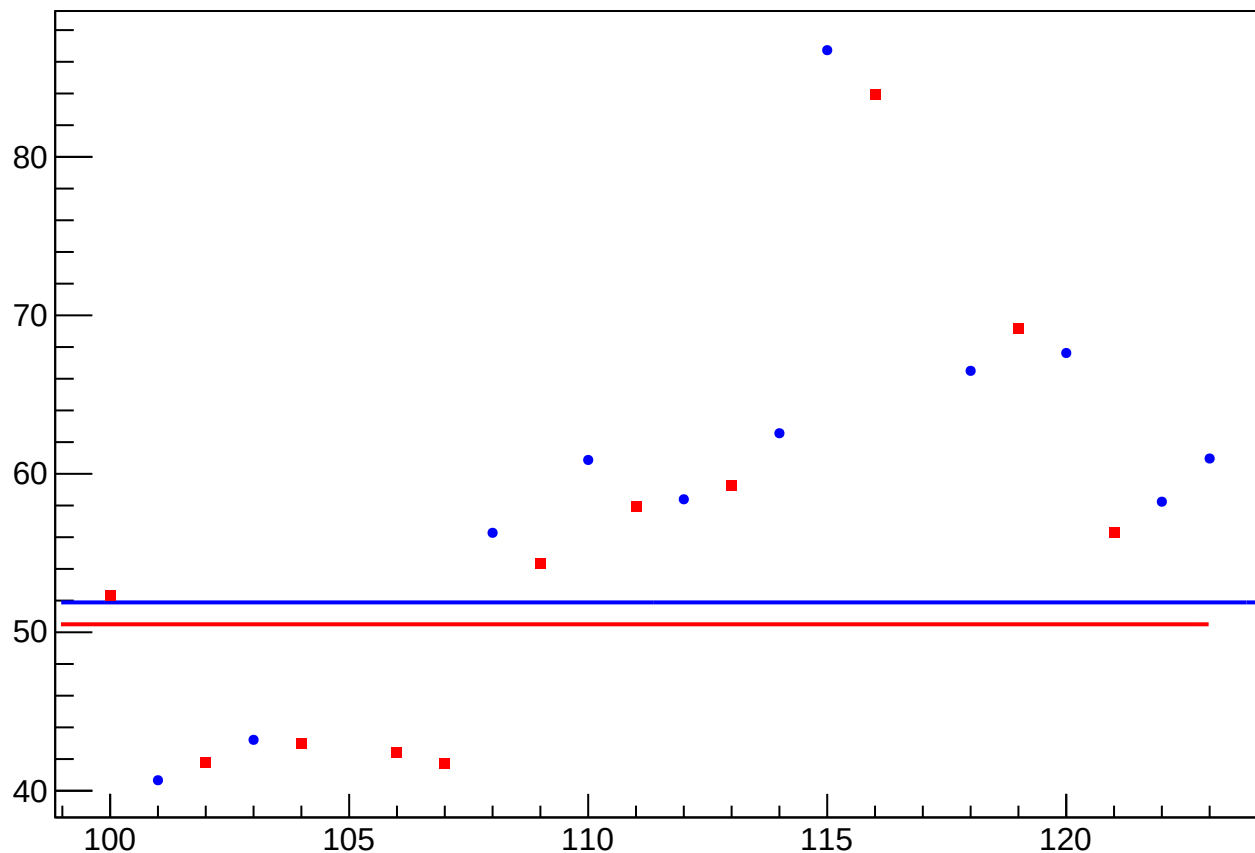
Right: 69.608 $\pm$ 17.813 χ^2 /NDF: 47.9/21

In: 66.252 $\pm$ 26.225 χ^2 /NDF:16.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.608 $\pm$ 17.813 χ^2 /NDF: 47.9/21

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.885+/-0.019 χ^2/NDF : 337150.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.505+/-0.017 χ^2/NDF : 359097.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

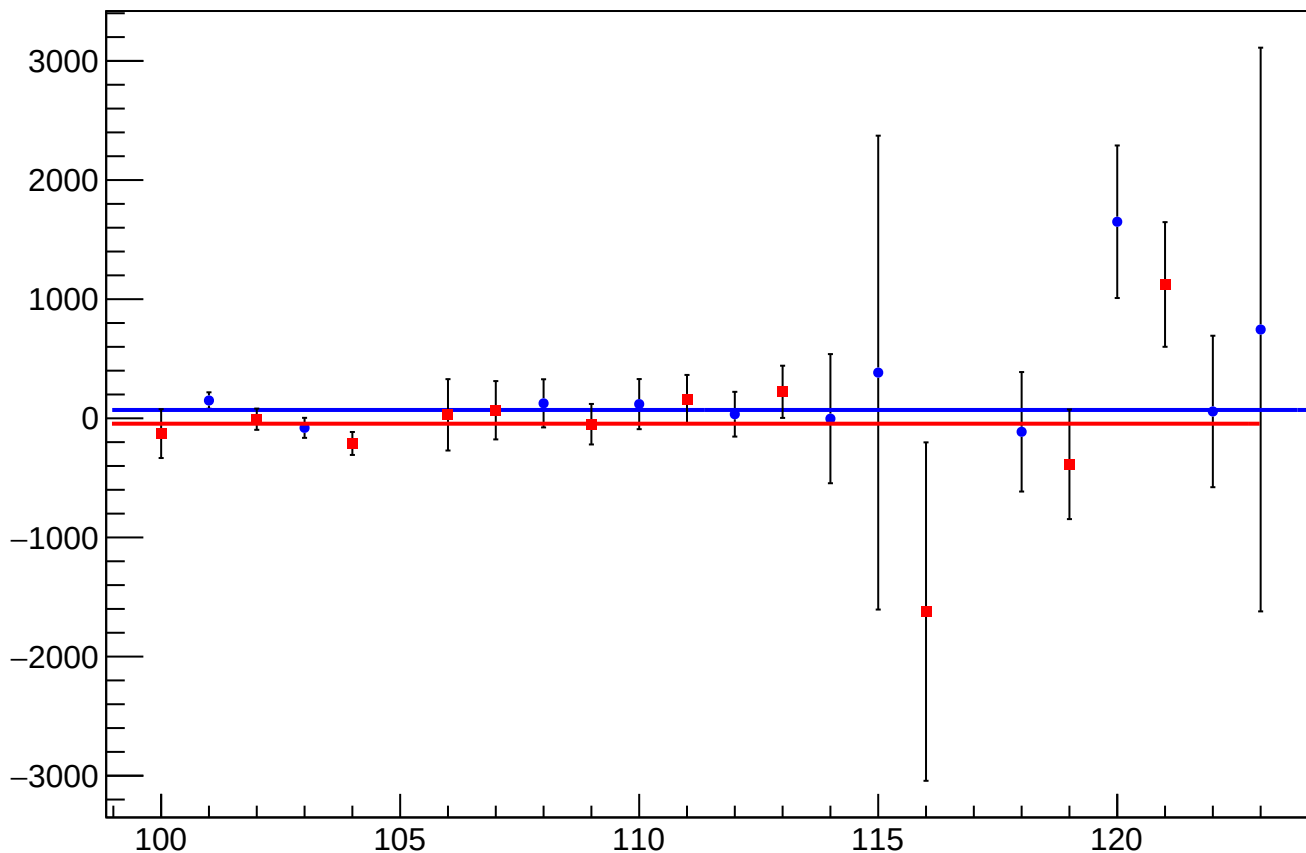
Right: 51.142+/-0.013 χ^2/NDF : 699233.5/21

In: 51.885+/-0.019 χ^2/NDF : 337150.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.142+/-0.013 χ^2/NDF : 699233.5/21

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 70.115+/-47.604 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.177+/-51.705 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

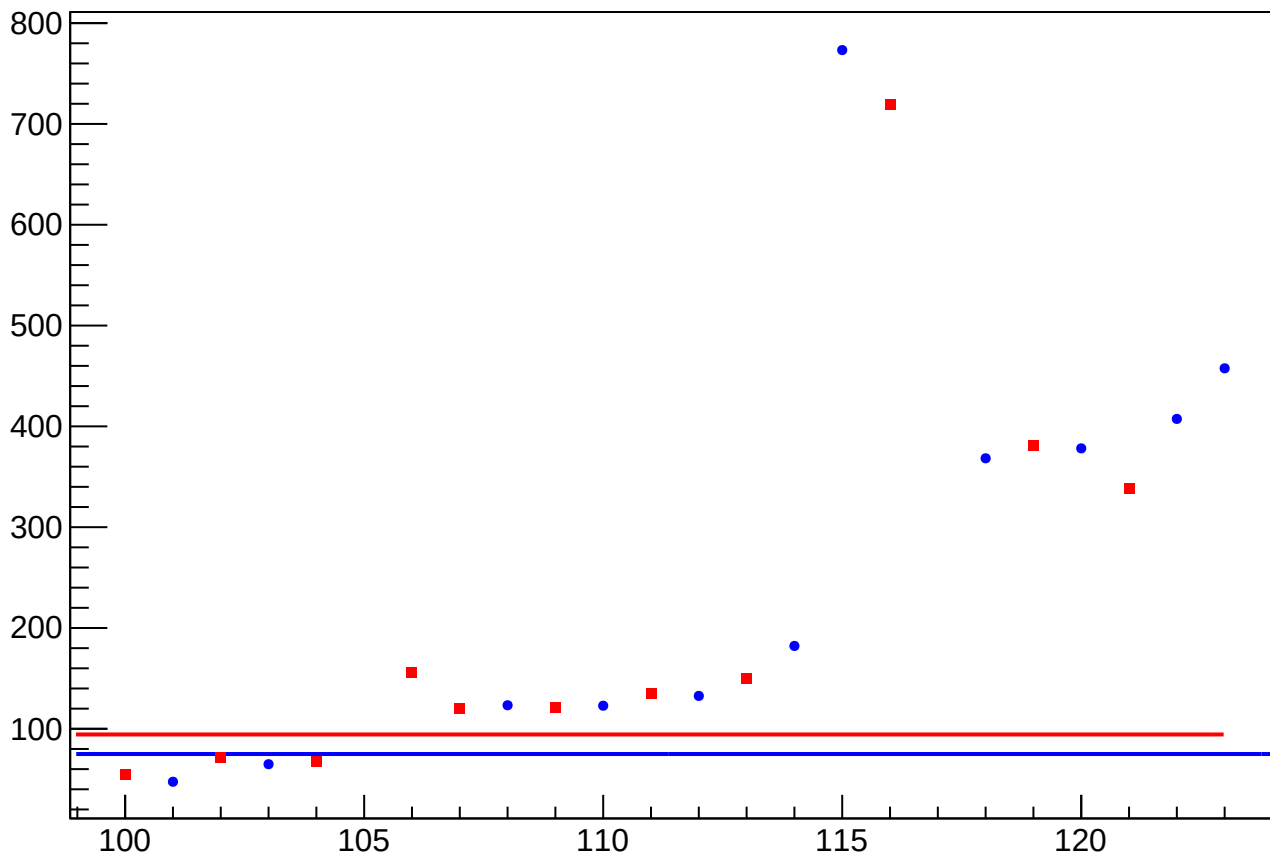
Right: 17.222+/-35.021 χ^2/NDF : 26.6/21

In: 70.115+/-47.604 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.222+/-35.021 χ^2/NDF : 26.6/21

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 74.981+/-0.034 χ^2/NDF : 2812248.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.383+/-0.037 χ^2/NDF : 2323949.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

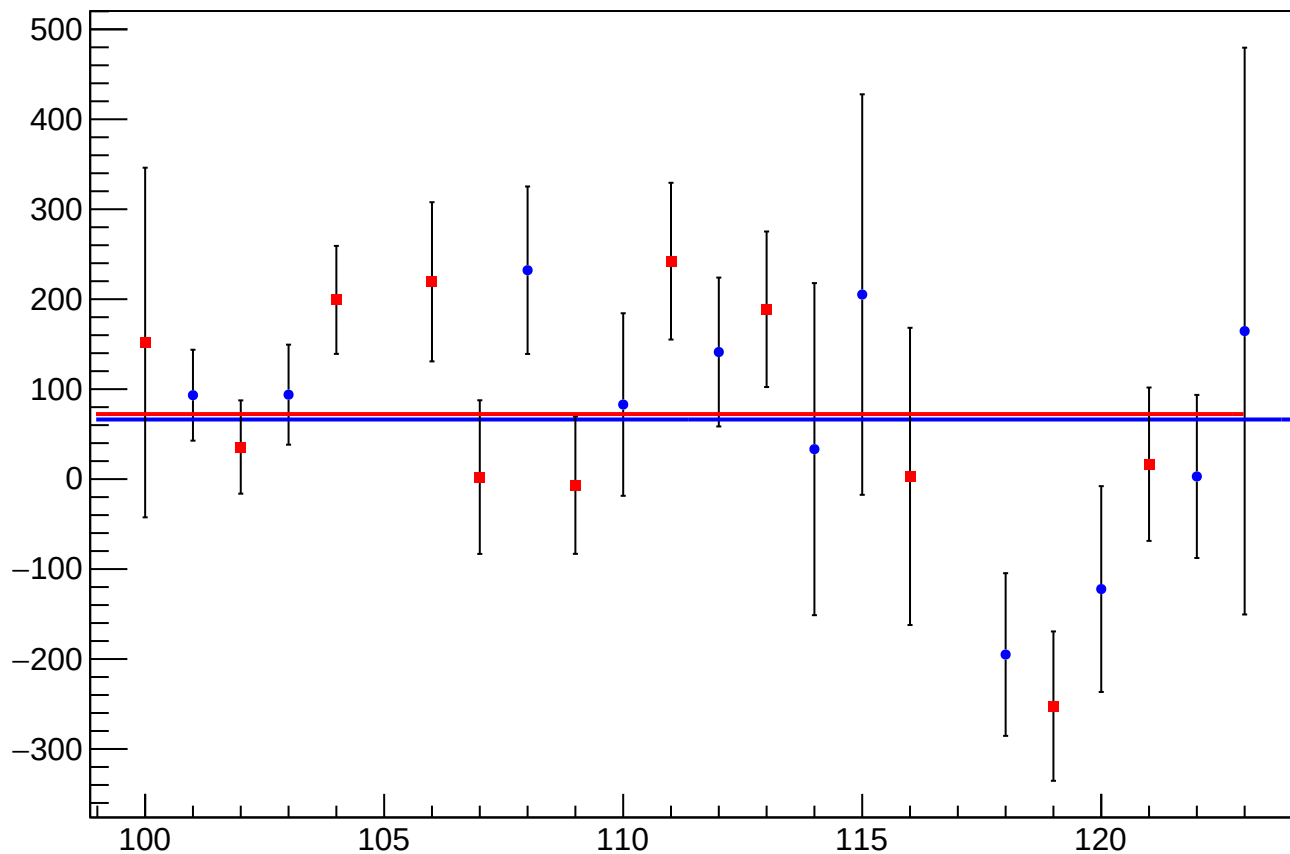
Right: 83.882+/-0.025 χ^2/NDF : 5288621.6/21

In: 74.981+/-0.034 χ^2/NDF : 2812248.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.882+/-0.025 χ^2/NDF : 5288621.6/21

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 66.272 $\pm$ 26.225 χ^2 /NDF: 16.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.301 $\pm$ 24.274 χ^2 /NDF: 31.2/10

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

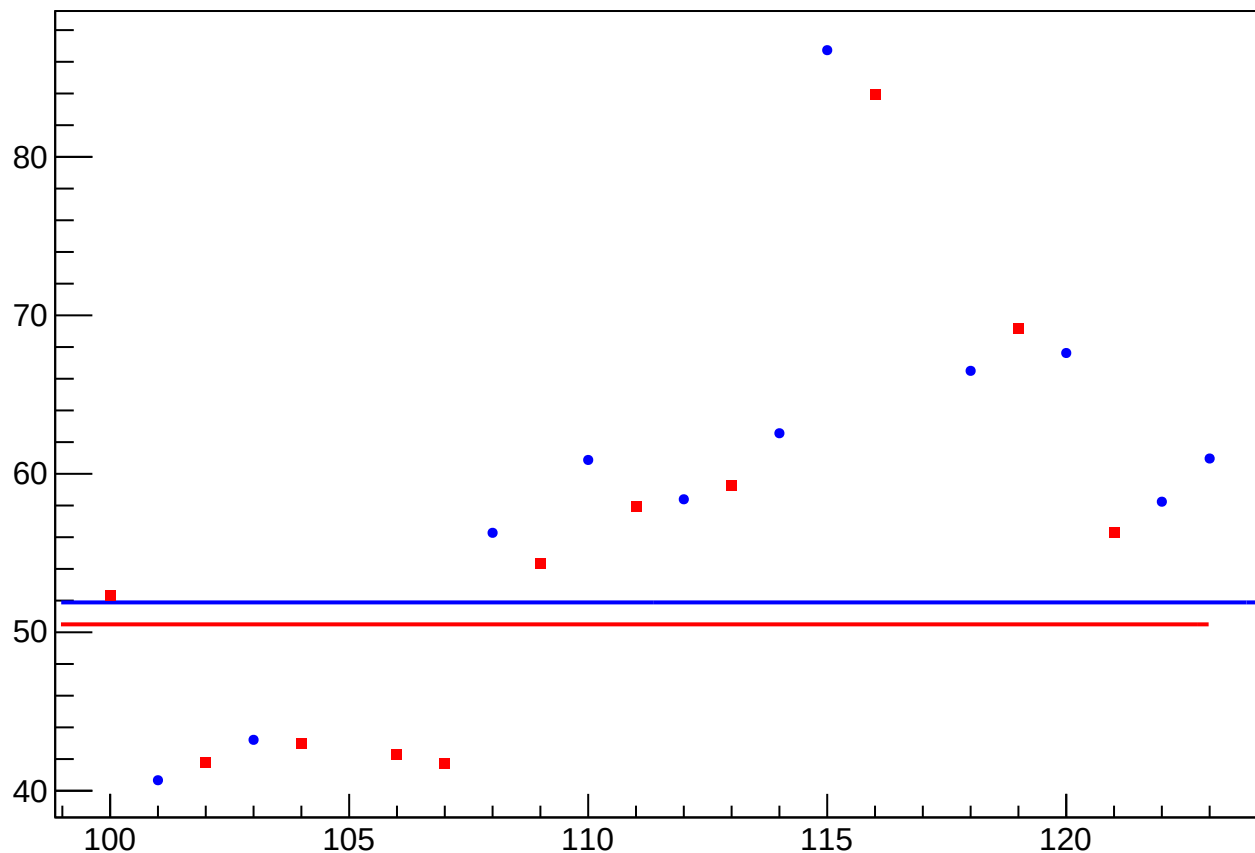
Right: 69.519 $\pm$ 17.814 χ^2 /NDF: 47.8/21

In: 66.272 $\pm$ 26.225 χ^2 /NDF:16.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.519 $\pm$ 17.814 χ^2 /NDF: 47.8/21

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.885+/-0.019 χ^2/NDF : 337150.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.501+/-0.017 χ^2/NDF : 359350.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

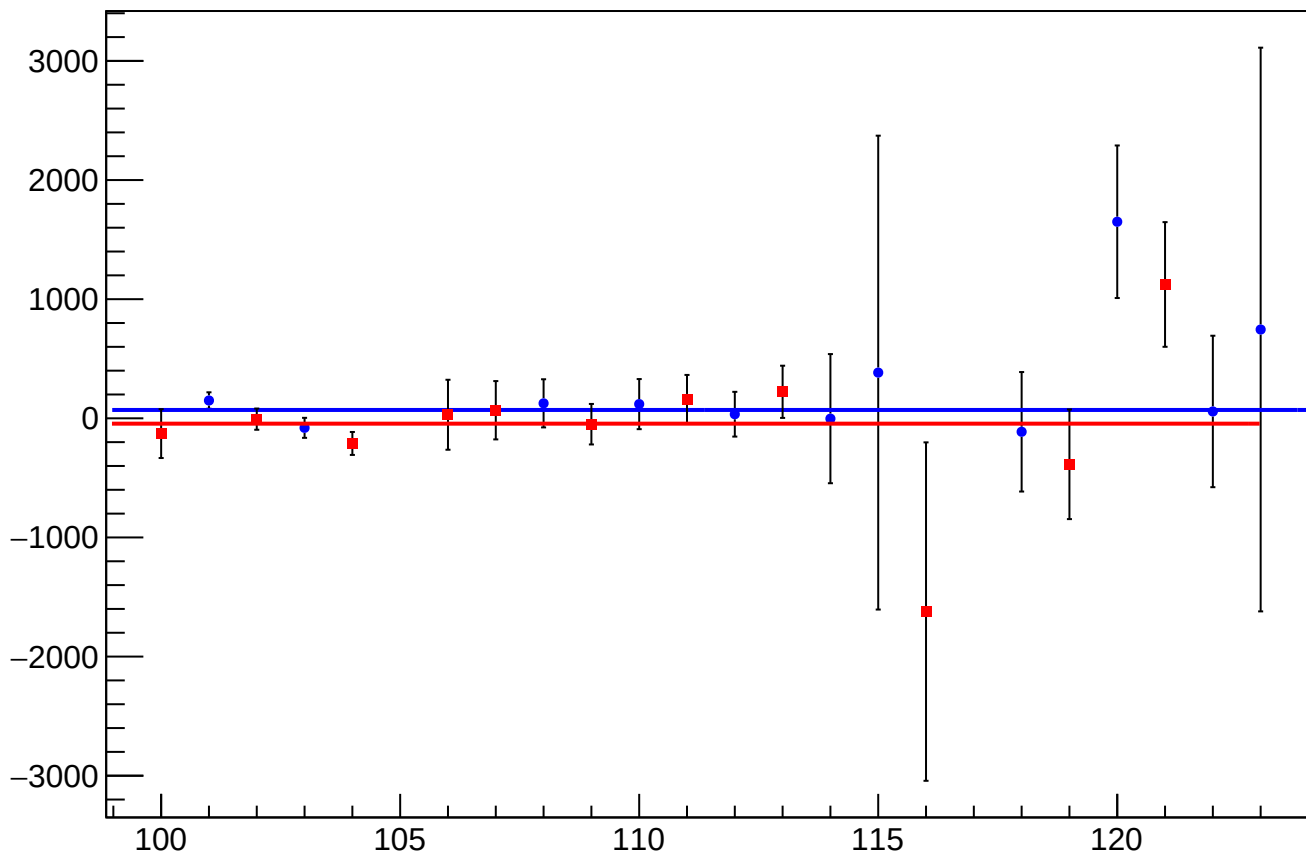
Right: 51.140+/-0.013 χ^2/NDF : 699503.8/21

In: 51.885+/-0.019 χ^2/NDF : 337150.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.140+/-0.013 χ^2/NDF : 699503.8/21

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.118+/-47.602 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.894+/-51.656 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

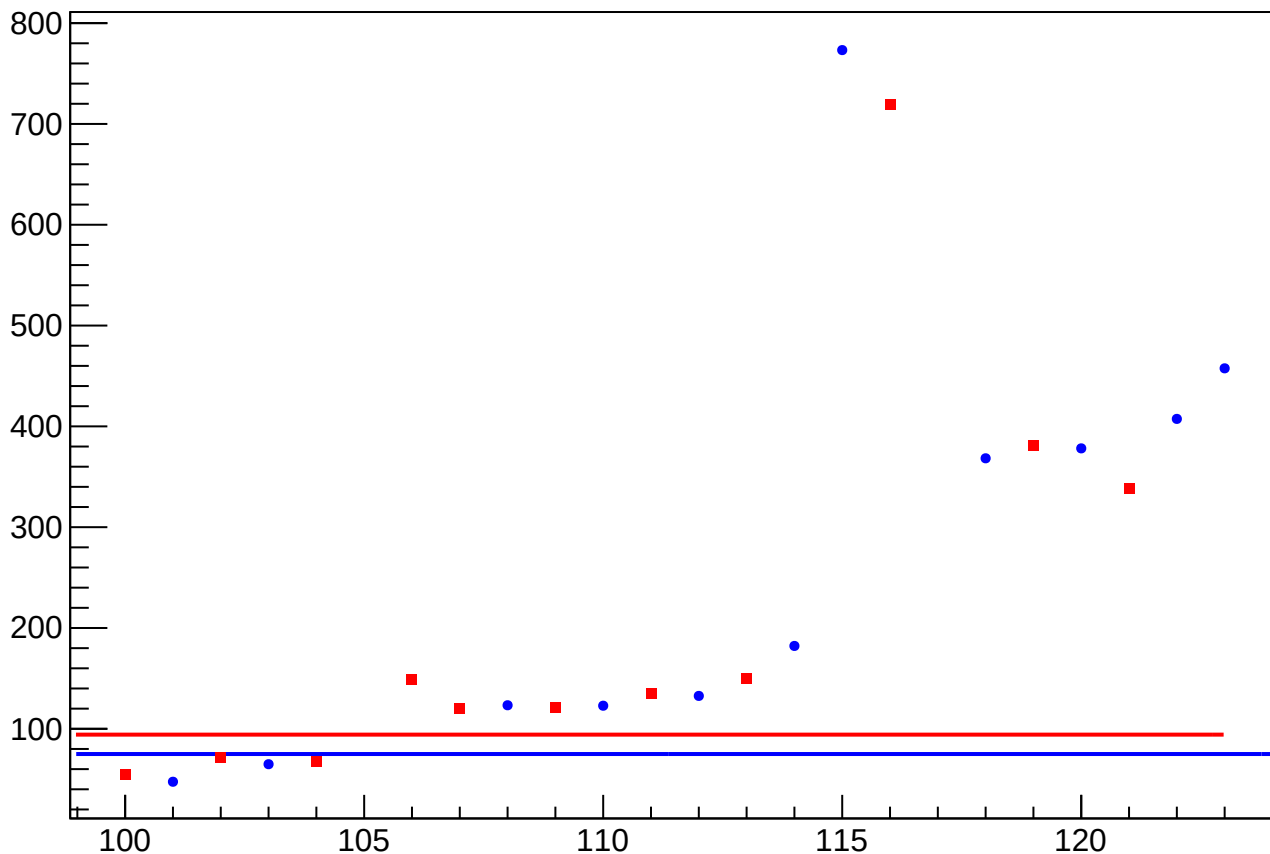
Right: 17.301+/-35.005 χ^2/NDF : 26.6/21

In: 70.118+/-47.602 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.301+/-35.005 χ^2/NDF : 26.6/21

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 74.979+/-0.034 χ^2/NDF : 2812272.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.221+/-0.037 χ^2/NDF : 2312021.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

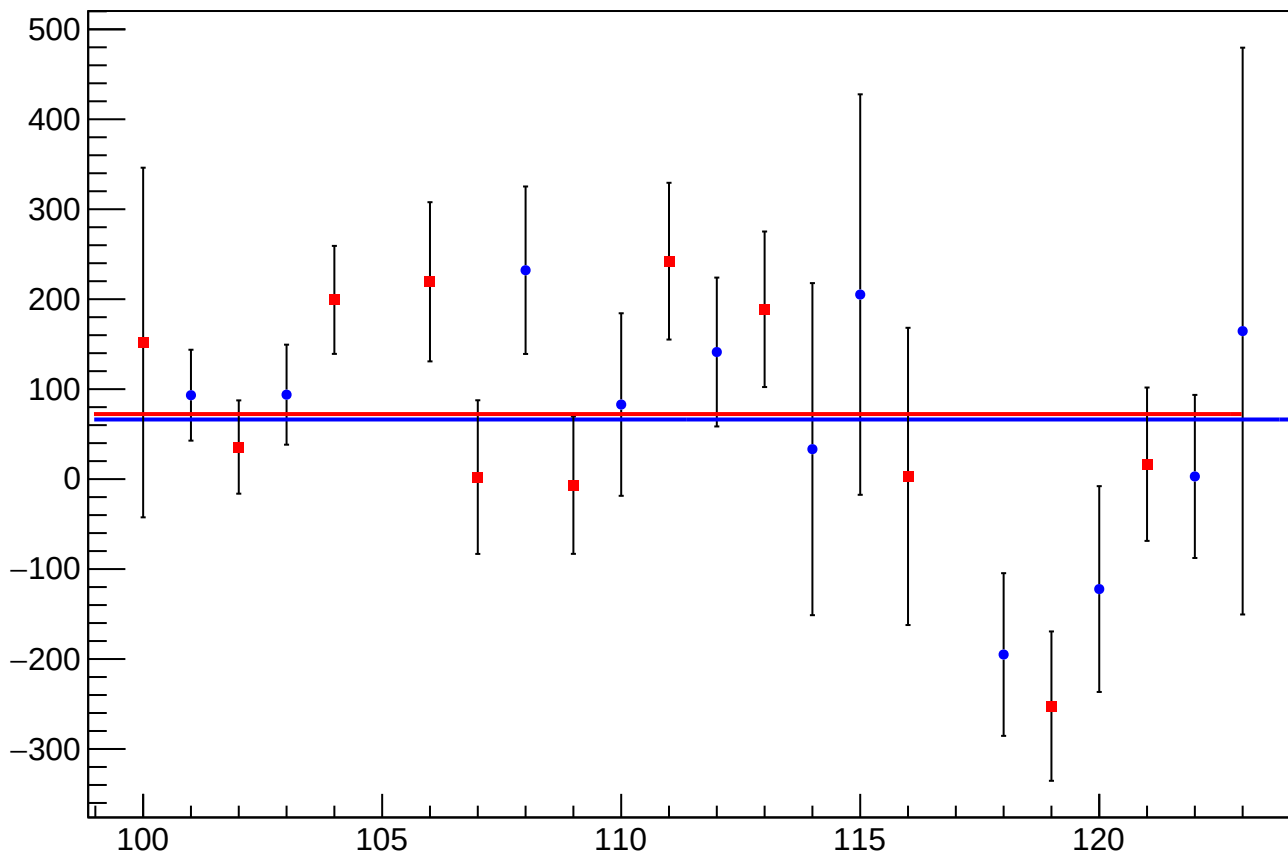
Right: 83.816+/-0.025 χ^2/NDF : 5274361.2/21

In: 74.979+/-0.034 χ^2/NDF : 2812272.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.816+/-0.025 χ^2/NDF : 5274361.2/21

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 66.272+/-26.225 χ^2/NDF : 16.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.301+/-24.274 χ^2/NDF : 31.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

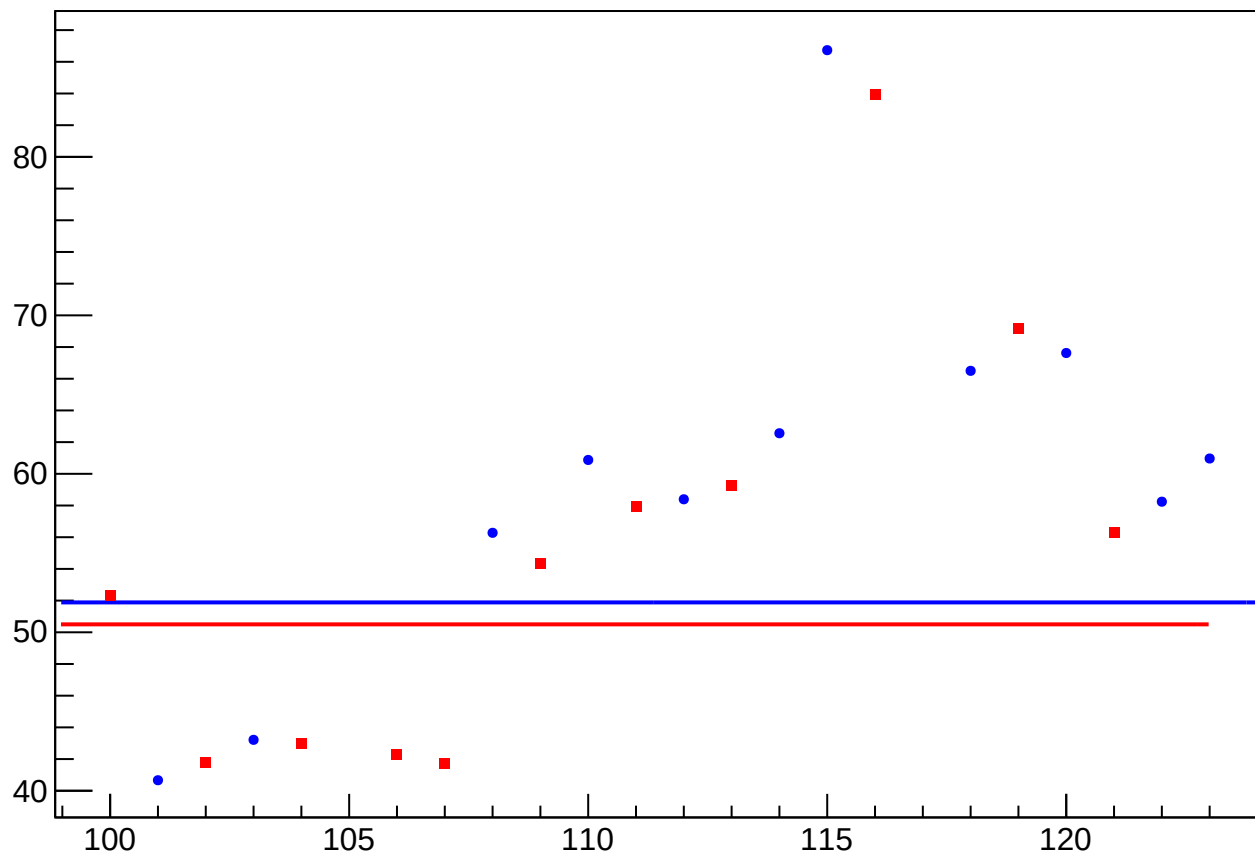
Right: 69.519+/-17.814 χ^2/NDF : 47.8/21

In: 66.272+/-26.225 χ^2/NDF : 16.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.519+/-17.814 χ^2/NDF : 47.8/21

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.885+/-0.019 χ^2/NDF : 337150.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.501+/-0.017 χ^2/NDF : 359350.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

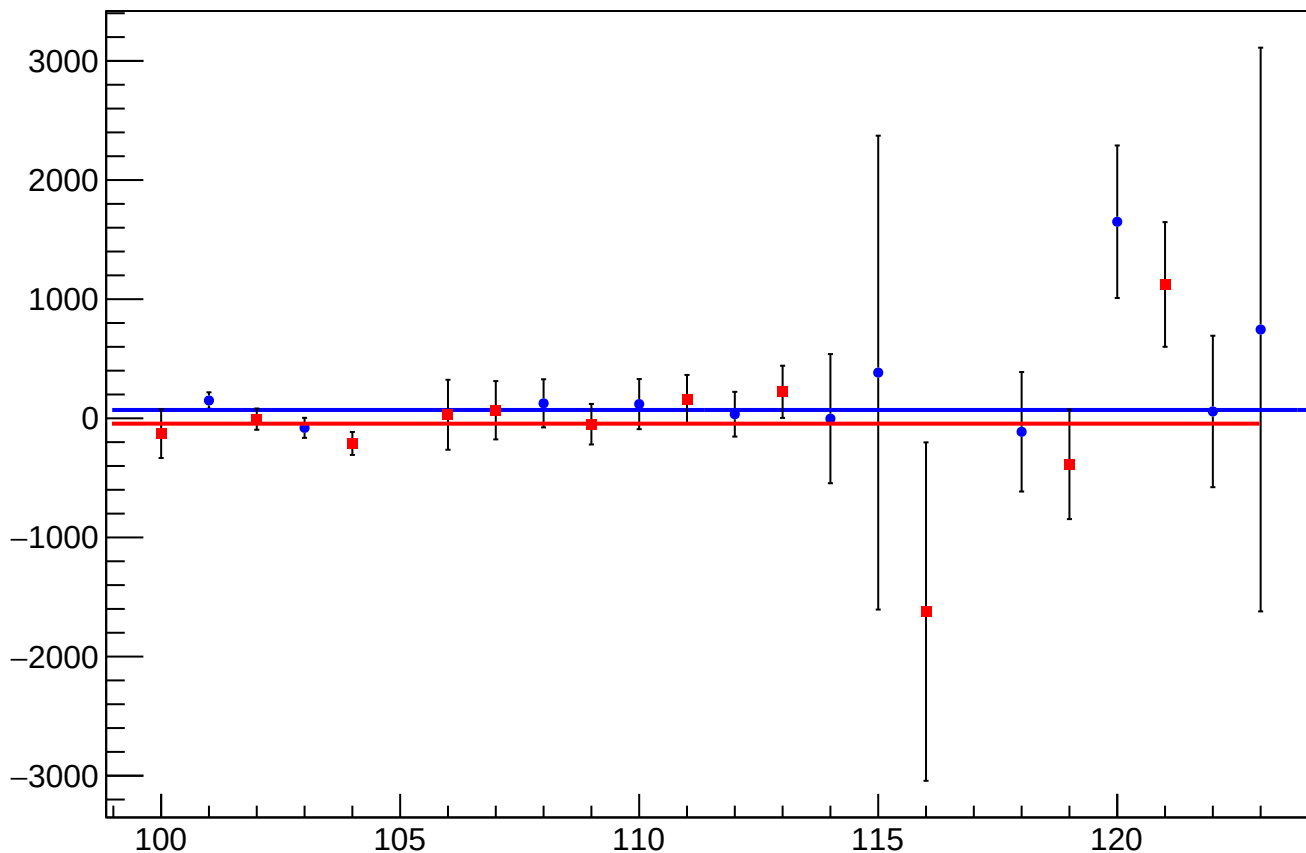
Right: 51.140+/-0.013 χ^2/NDF : 699503.8/21

In: 51.885+/-0.019 χ^2/NDF : 337150.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.140+/-0.013 χ^2/NDF : 699503.8/21

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.118+/-47.602 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.894+/-51.656 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

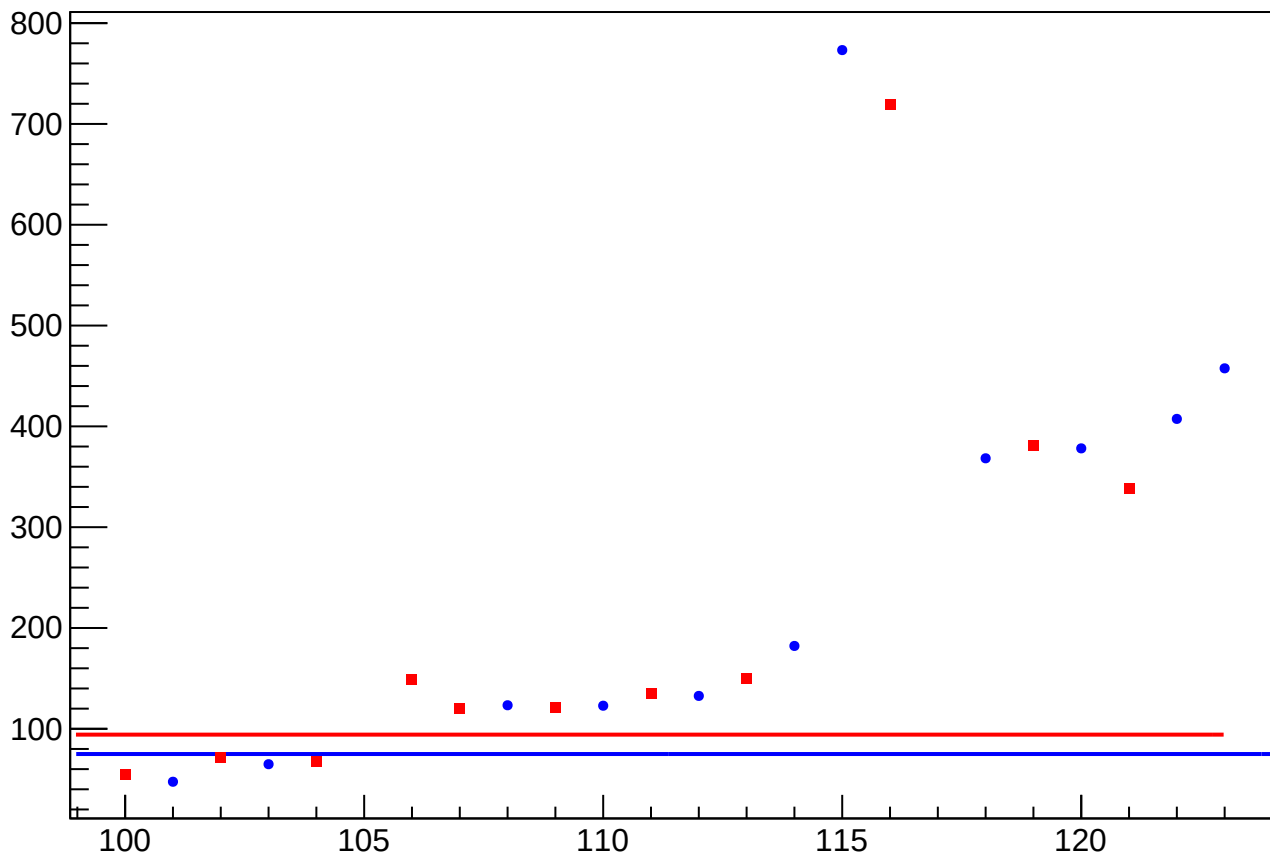
Right: 17.301+/-35.005 χ^2/NDF : 26.6/21

In: 70.118+/-47.602 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.301+/-35.005 χ^2/NDF : 26.6/21

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 74.979+/-0.034 χ^2/NDF : 2812272.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.221+/-0.037 χ^2/NDF : 2312021.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

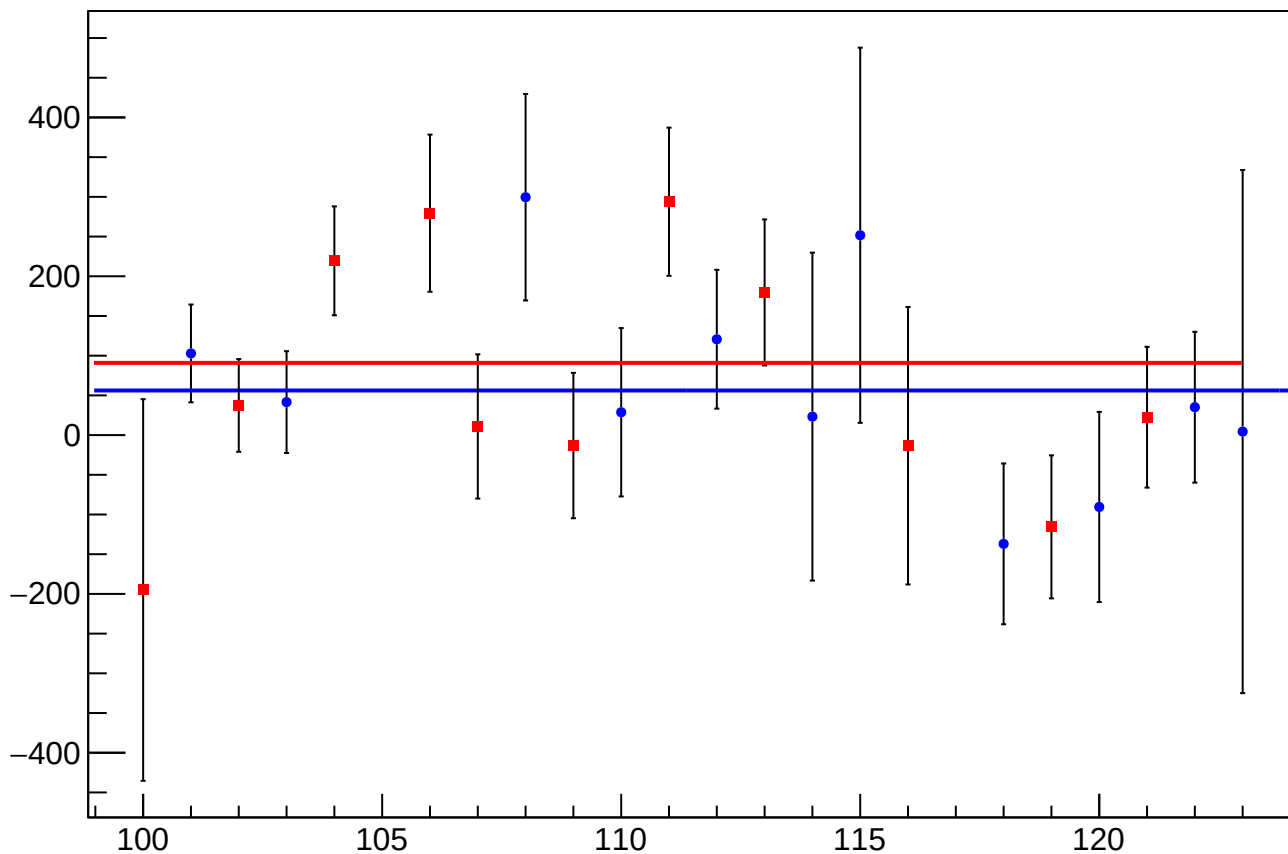
Right: 83.816+/-0.025 χ^2/NDF : 5274361.2/21

In: 74.979+/-0.034 χ^2/NDF : 2812272.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.816+/-0.025 χ^2/NDF : 5274361.2/21

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 56.192+/-29.947 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.924+/-26.896 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

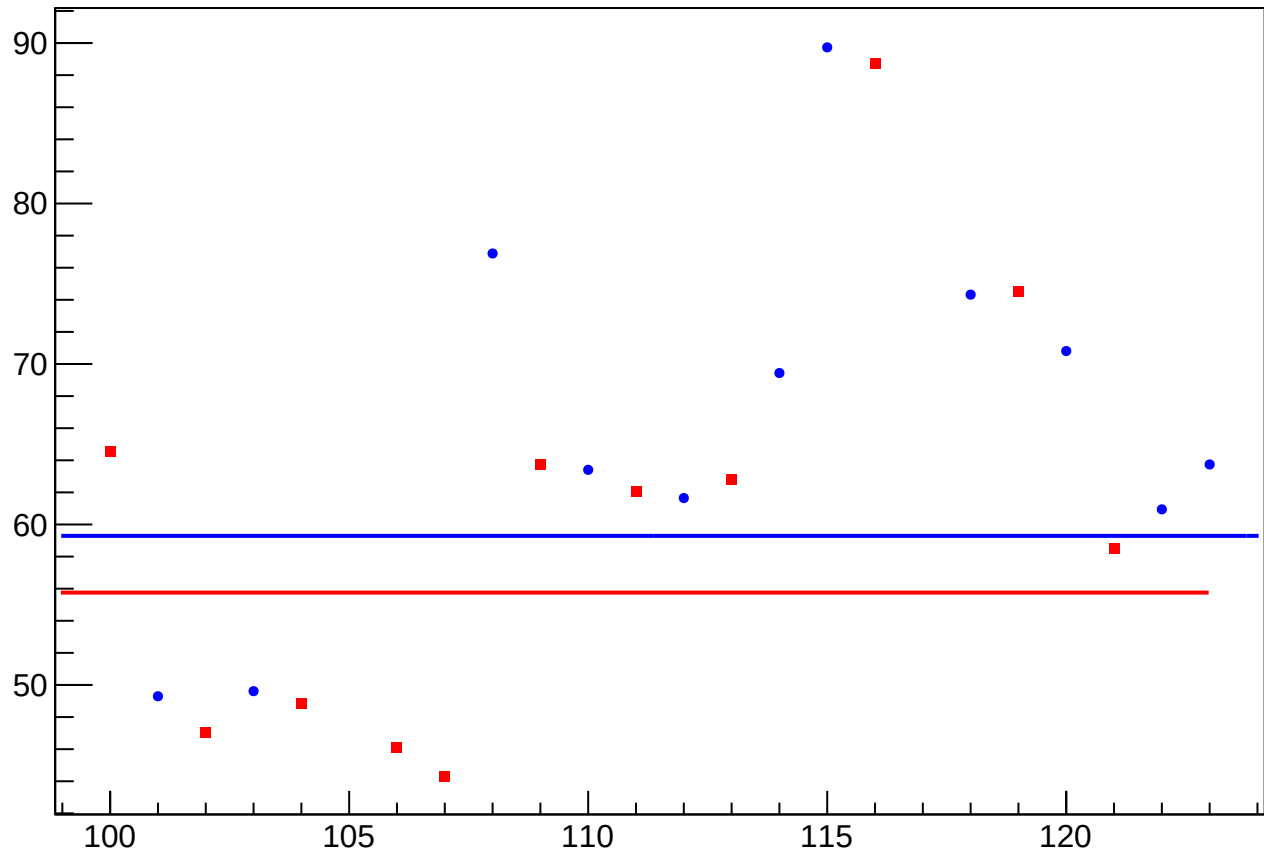
Right: 75.417+/-20.010 χ^2/NDF : 34.8/21

In: 56.192+/-29.947 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.417+/-20.010 χ^2/NDF : 34.8/21

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.291+/-0.021 χ^2/NDF : 240981.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.756+/-0.019 χ^2/NDF : 314935.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

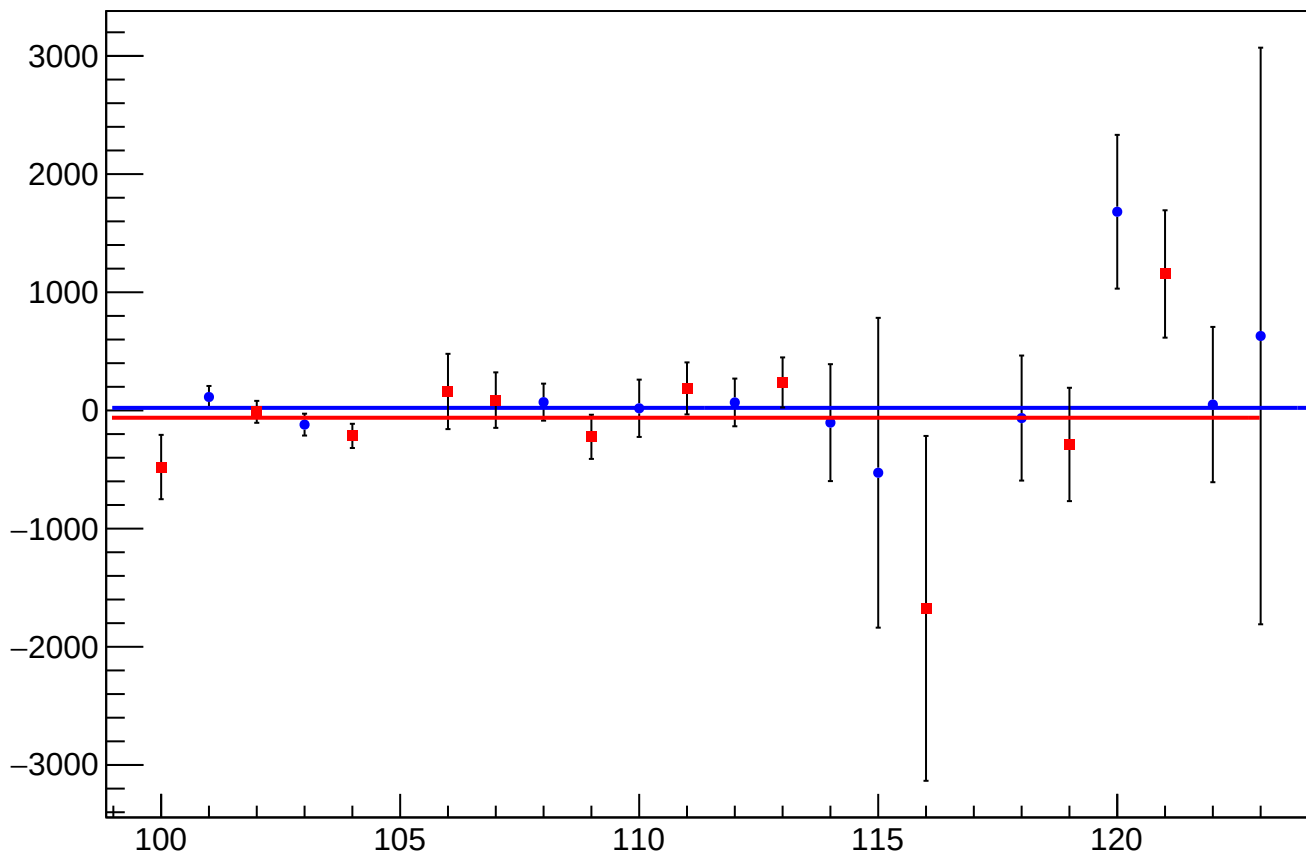
Right: 57.334+/-0.014 χ^2/NDF : 571343.1/21

In: 59.291+/-0.021 χ^2/NDF : 240981.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.334+/-0.014 χ^2/NDF : 571343.1/21

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.887+/-55.271 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.705+/-54.818 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

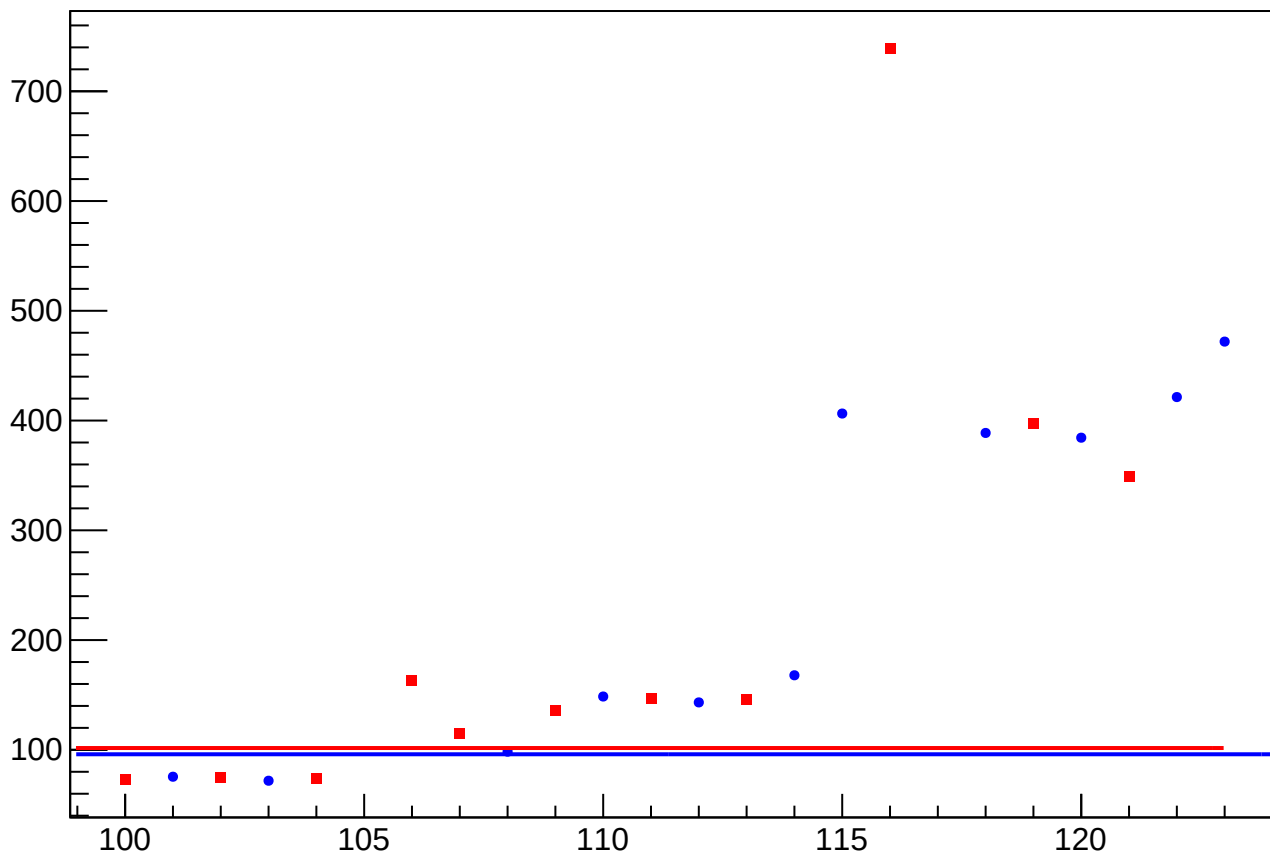
Right: -20.252+/-38.921 χ^2/NDF : 27.8/21

In: 21.887+/-55.271 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.252+/-38.921 χ^2/NDF : 27.8/21

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 95.958+/-0.039 χ^2/NDF : 2134515.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.648+/-0.039 χ^2/NDF : 2221904.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

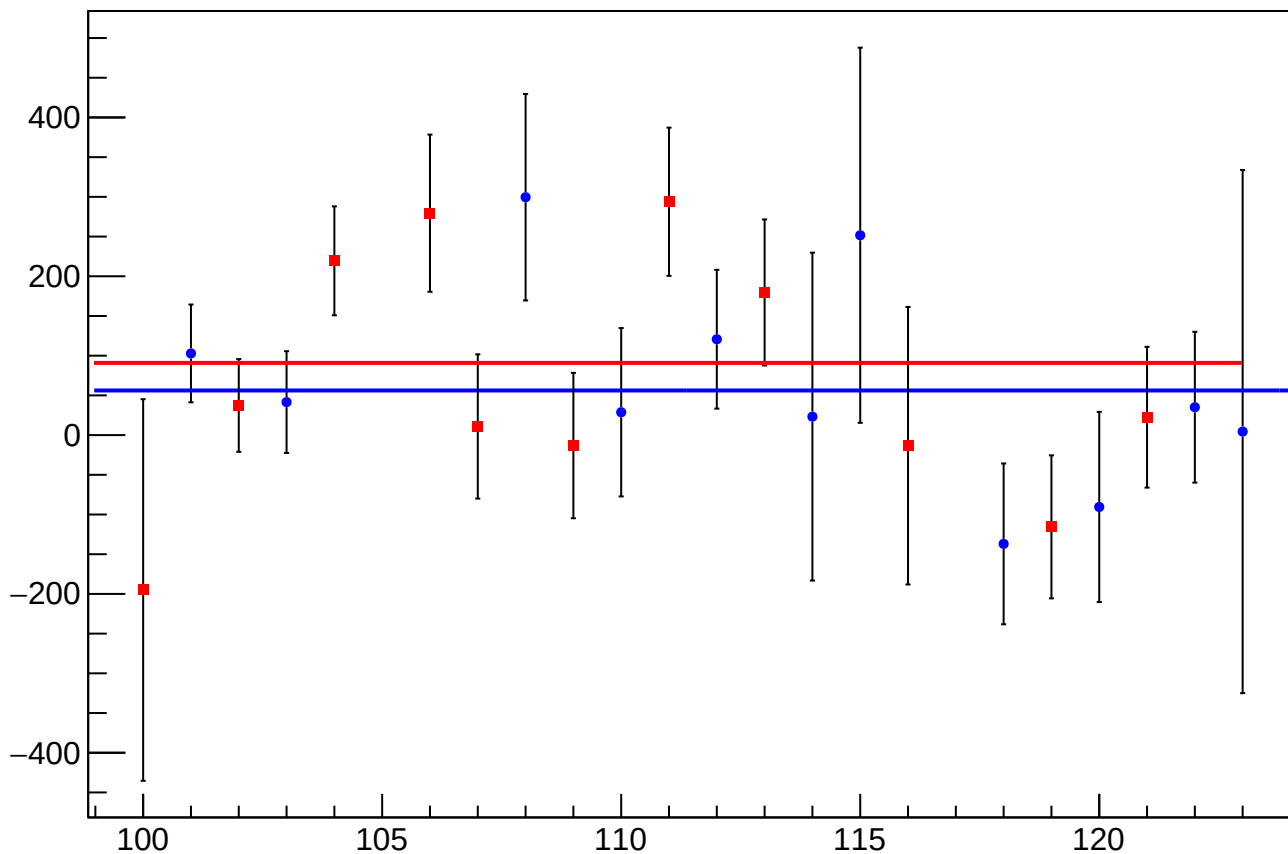
Right: 98.826+/-0.028 χ^2/NDF : 4367105.1/21

In: 95.958+/-0.039 χ^2/NDF : 2134515.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.826+/-0.028 χ^2/NDF : 4367105.1/21

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 56.192 $\pm$ 29.947 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.923 $\pm$ 26.896 χ^2 /NDF: 23.3/10

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

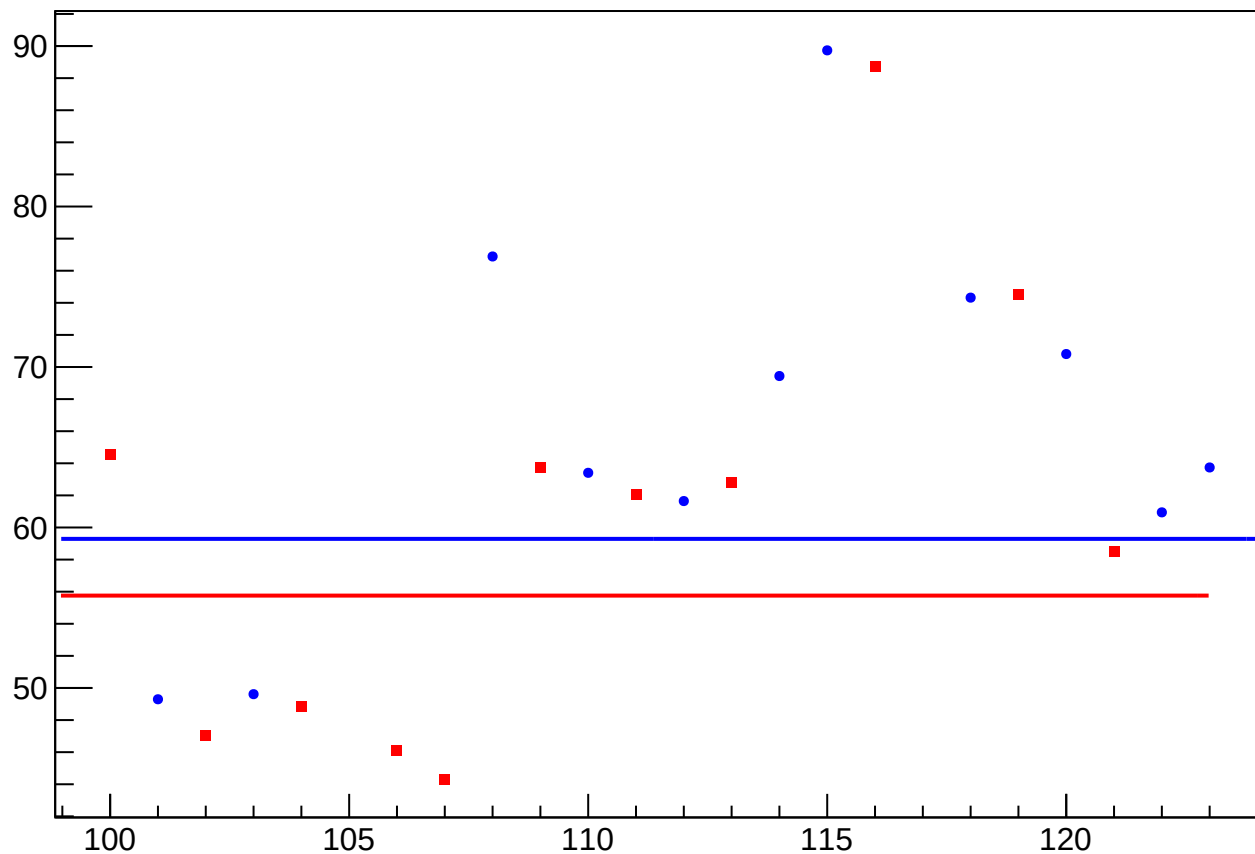
Right: 75.416 $\pm$ 20.010 χ^2 /NDF: 34.8/21

In: 56.192 $\pm$ 29.947 χ^2 /NDF:10.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.416 $\pm$ 20.010 χ^2 /NDF: 34.8/21

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.291+/-0.021 χ^2/NDF : 240981.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.756+/-0.019 χ^2/NDF : 314935.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

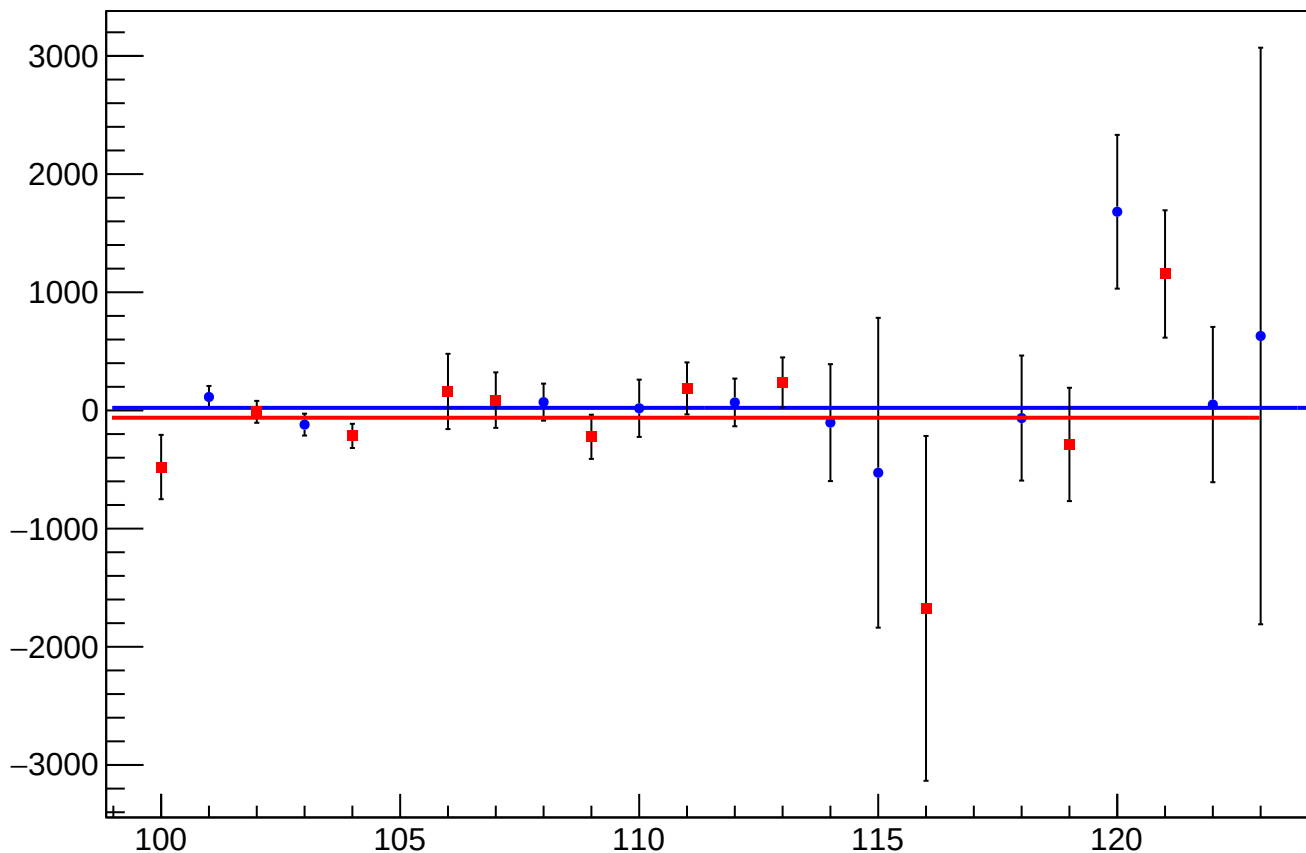
Right: 57.334+/-0.014 χ^2/NDF : 571343.9/21

In: 59.291+/-0.021 χ^2/NDF : 240981.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.334+/-0.014 χ^2/NDF : 571343.9/21

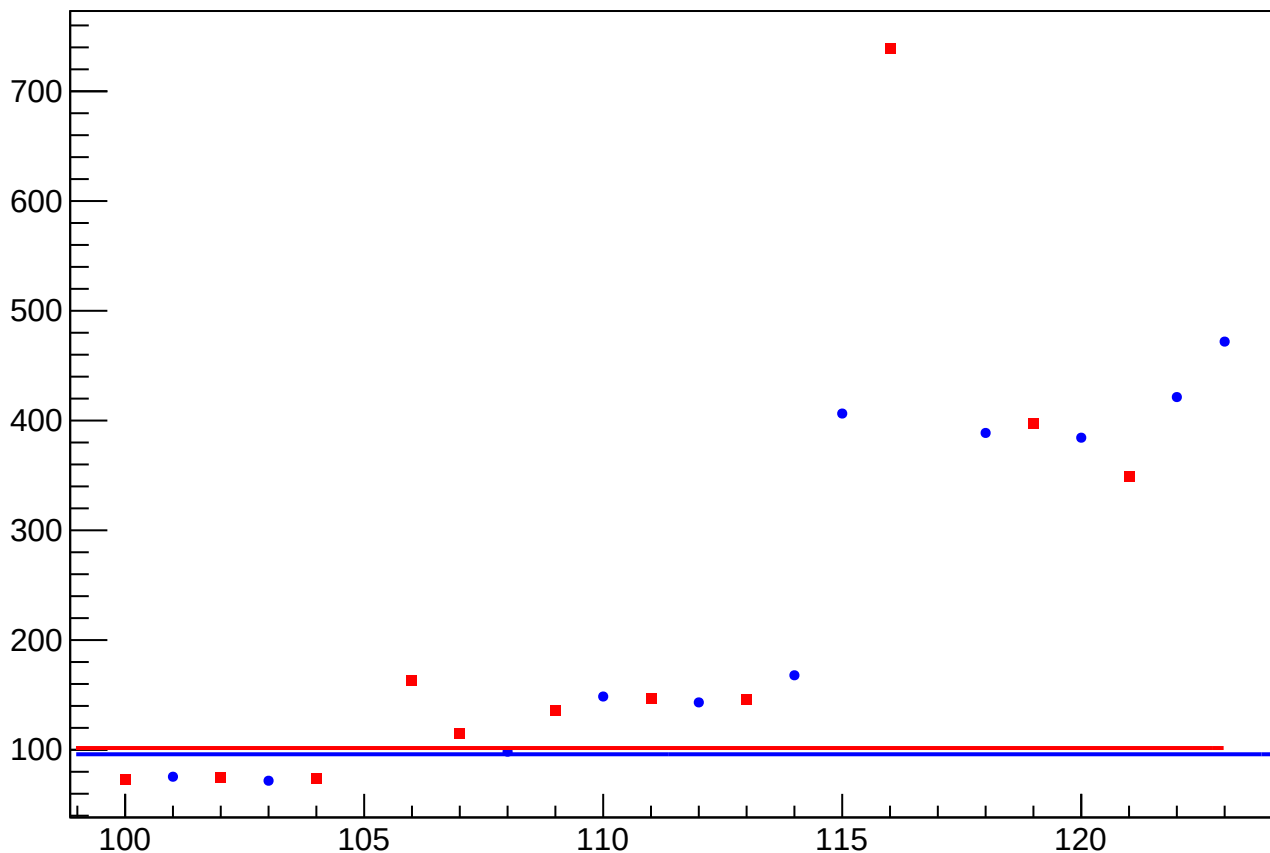
asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.887+/-55.270 χ^2/NDF : 10.3/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -61.705+/-54.818 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: -20.252+/-38.921 χ^2/NDF : 27.8/21
 In: 21.887+/-55.270 χ^2/NDF : 10.3/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -20.252+/-38.921 χ^2/NDF : 27.8/21

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 95.958+/-0.039 χ^2/NDF : 2134517.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.647+/-0.039 χ^2/NDF : 2221909.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

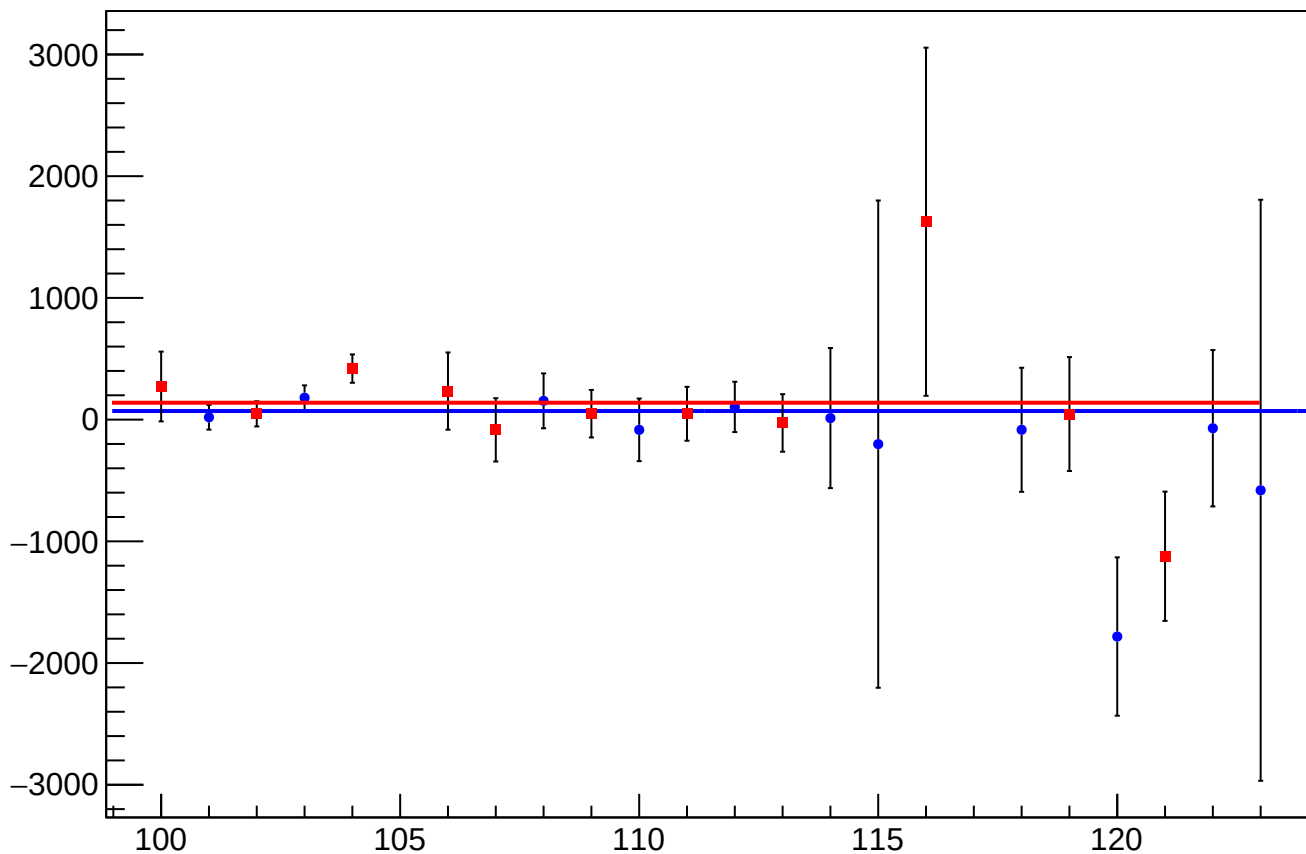
Right: 98.826+/-0.028 χ^2/NDF : 4367112.7/21

In: 95.958+/-0.039 χ^2/NDF : 2134517.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.826+/-0.028 χ^2/NDF : 4367112.7/21

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.650+/-61.481 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.963+/-60.070 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

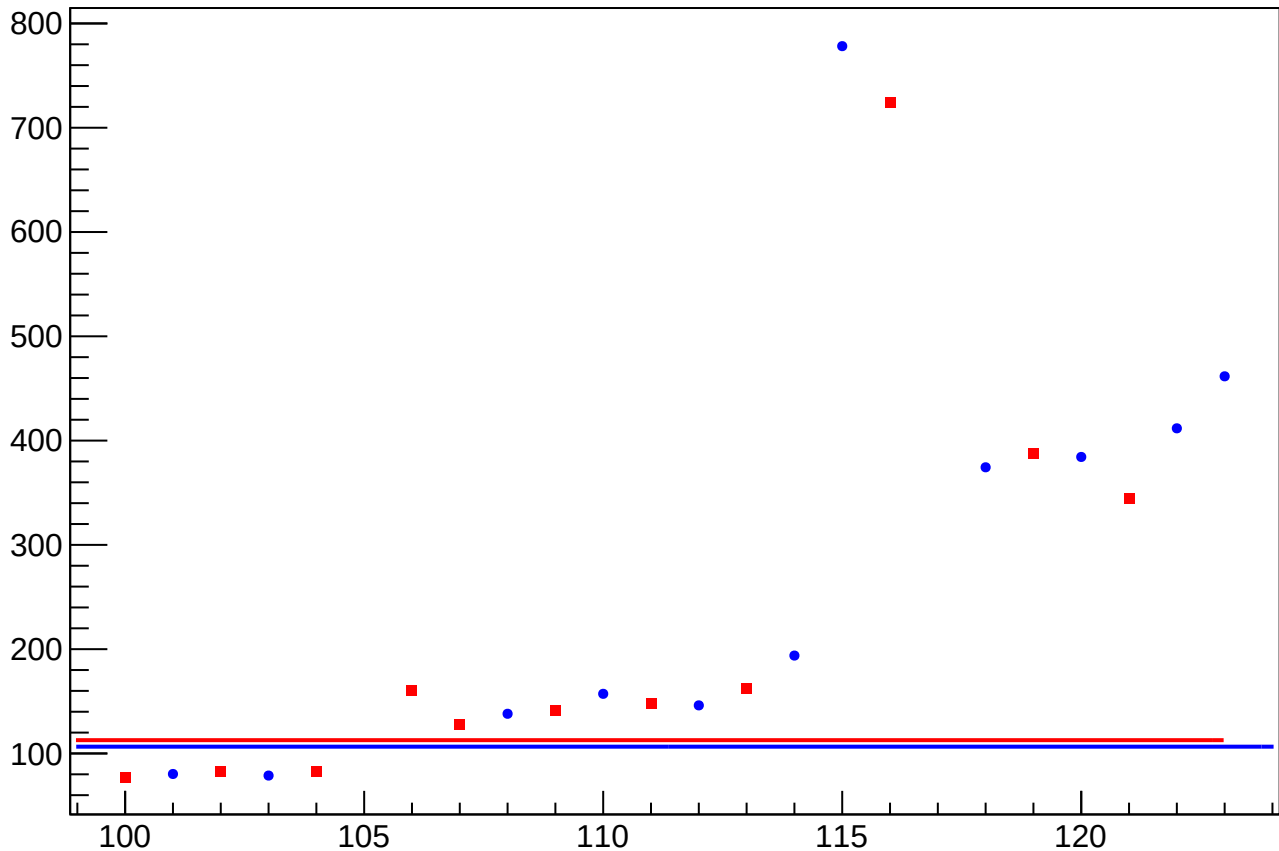
Right: 105.599+/-42.966 χ^2/NDF : 26.2/21

In: 70.650+/-61.481 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.599+/-42.966 χ^2/NDF : 26.2/21

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 106.507+/-0.043 χ^2/NDF : 2157069.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.743+/-0.042 χ^2/NDF : 1992322.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

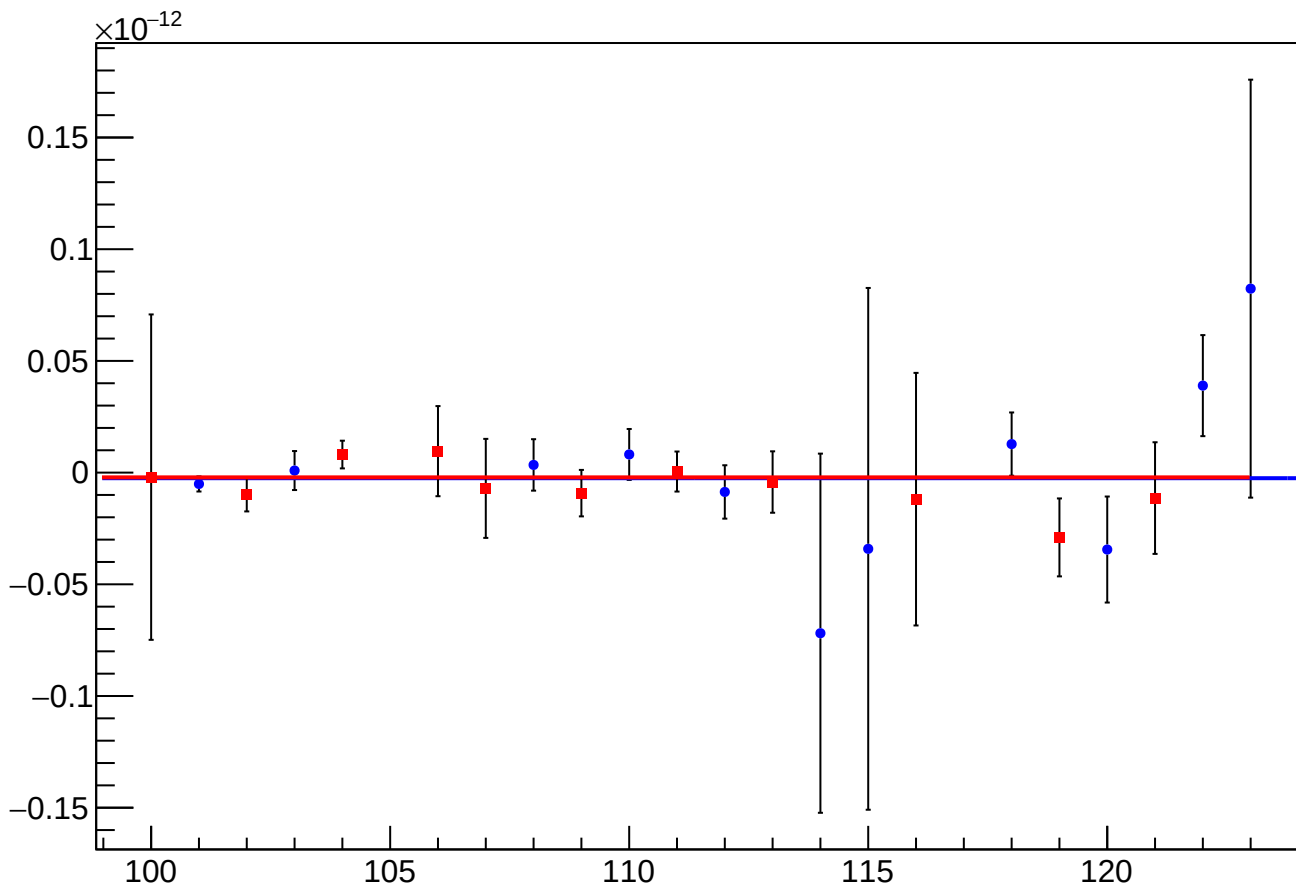
Right: 109.697+/-0.030 χ^2/NDF : 4159916.9/21

In: 106.507+/-0.043 χ^2/NDF : 2157069.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.697+/-0.030 χ^2/NDF : 4159916.9/21

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.1/10

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

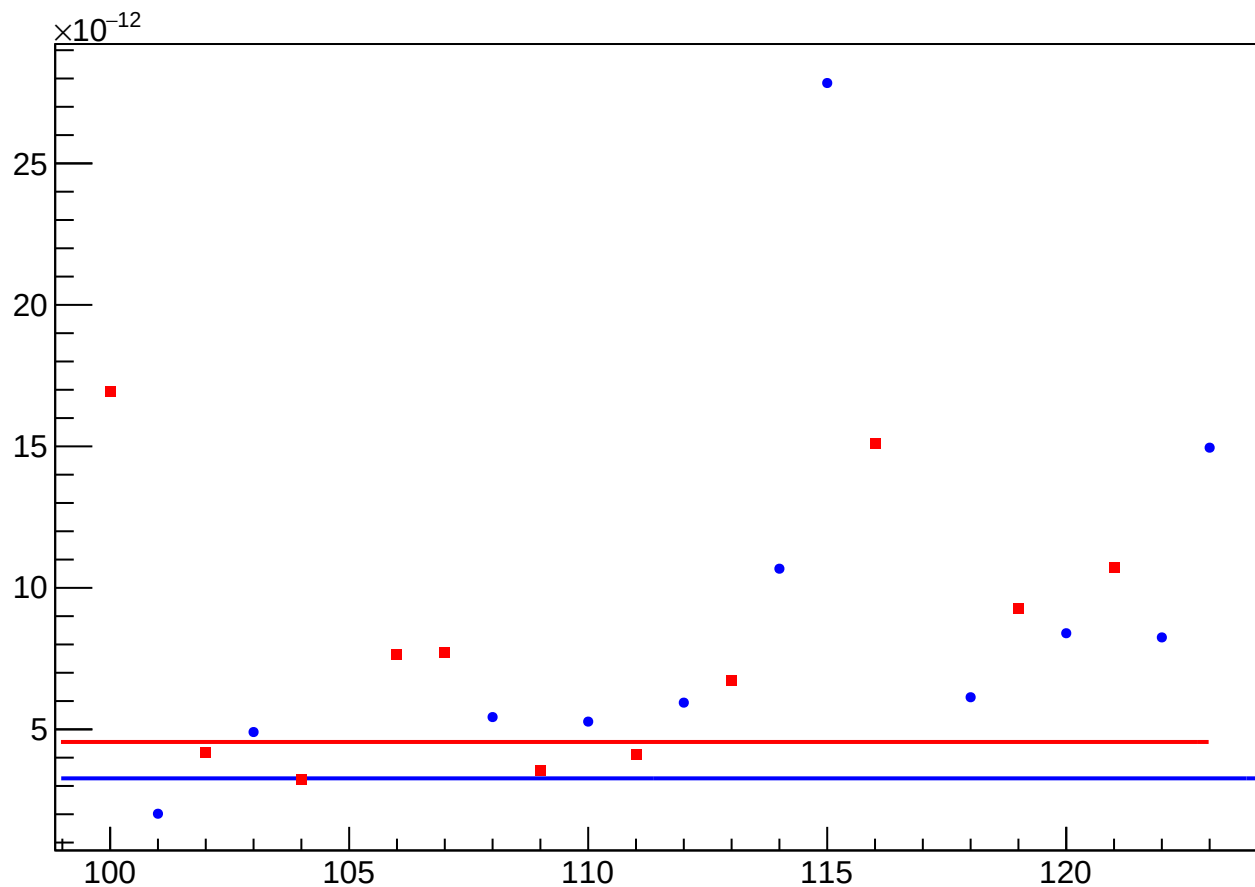
Right: -0.000+/-0.000 χ^2/NDF : 17.4/21

In: -0.000+/-0.000 χ^2/NDF :10.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/21

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 986173.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655067.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

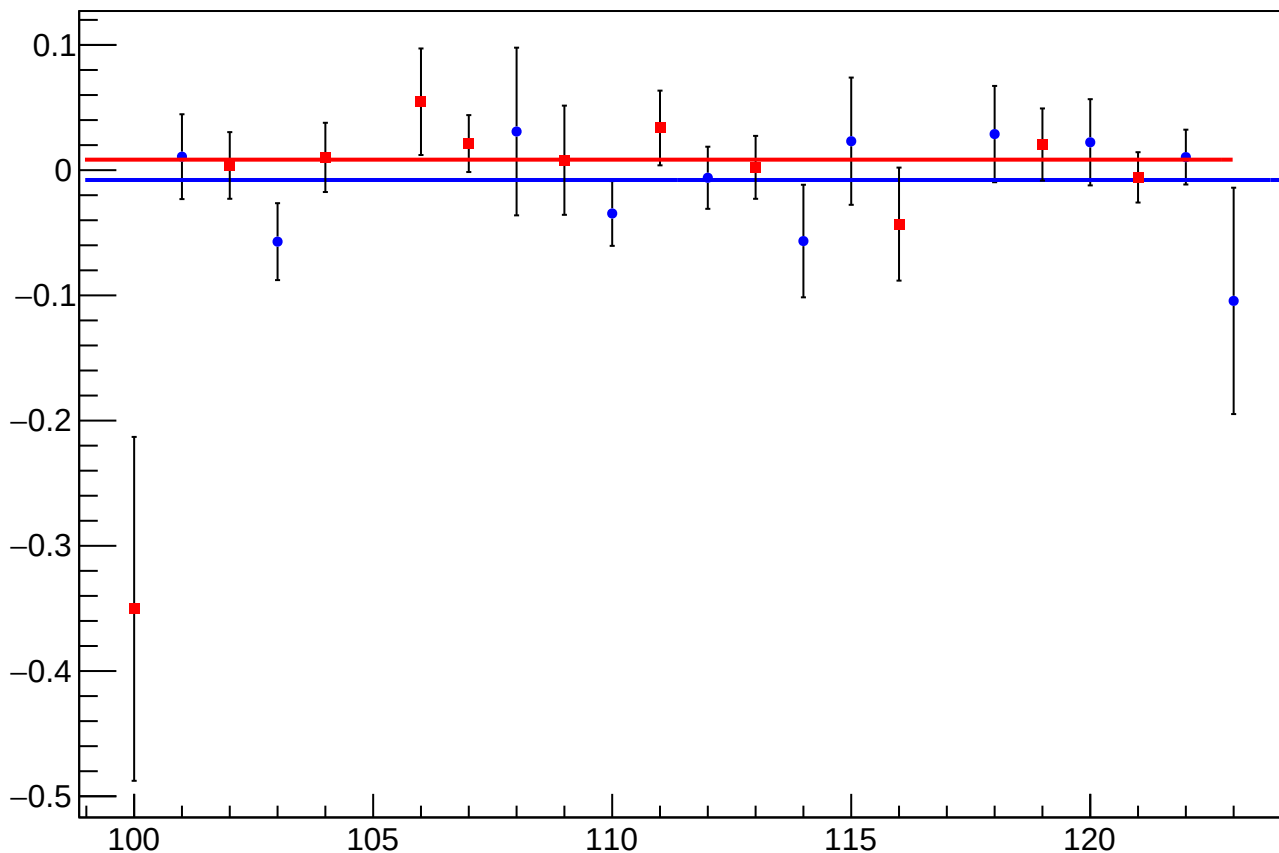
Right: 0.000+/-0.000 χ^2/NDF : 1806411.1/21

In: 0.000+/-0.000 χ^2/NDF : 986173.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1806411.1/21

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.010 χ^2/NDF : 9.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.009 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

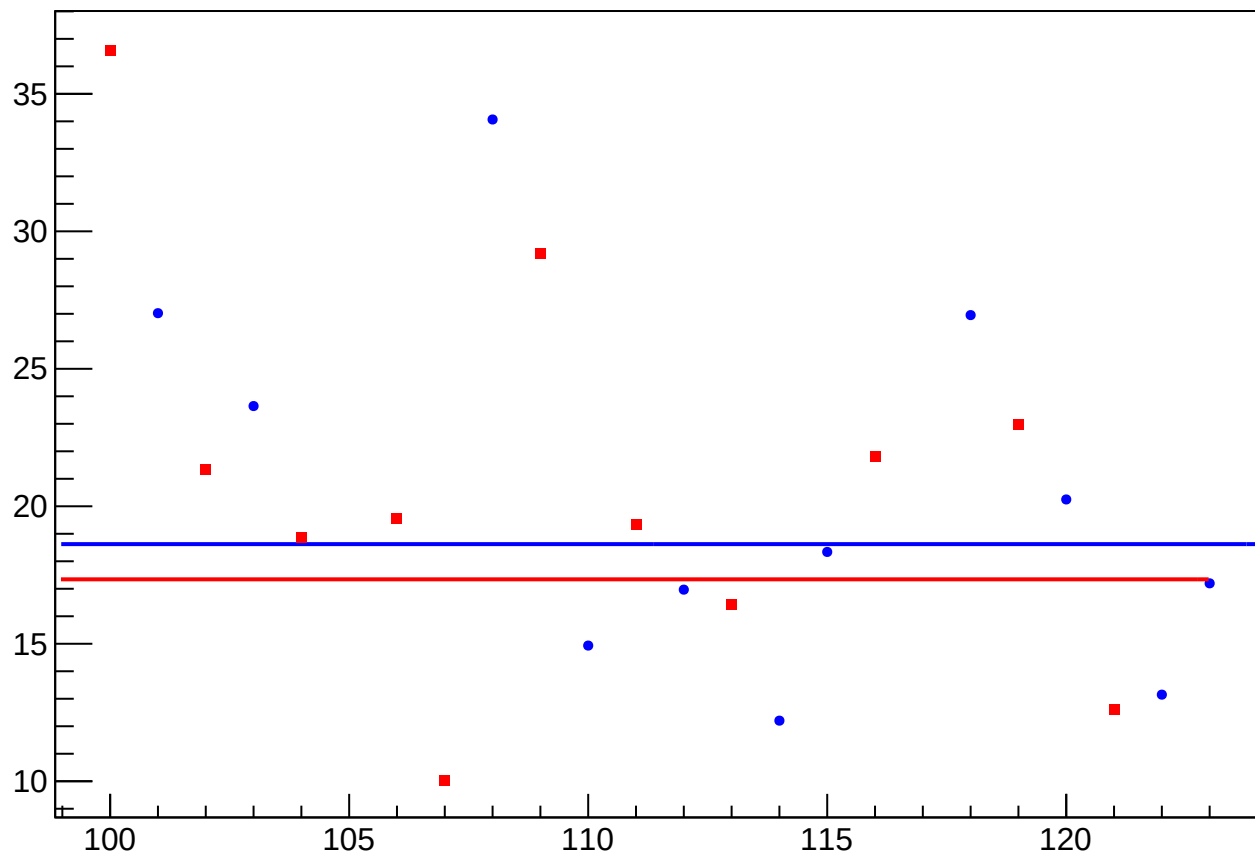
Right: 0.001 ± 0.007 χ^2/NDF : 21.9/21

In: -0.008 ± 0.010 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 21.9/21

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.624+/-0.007 χ^2/NDF : 597194.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.344+/-0.006 χ^2/NDF : 669780.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

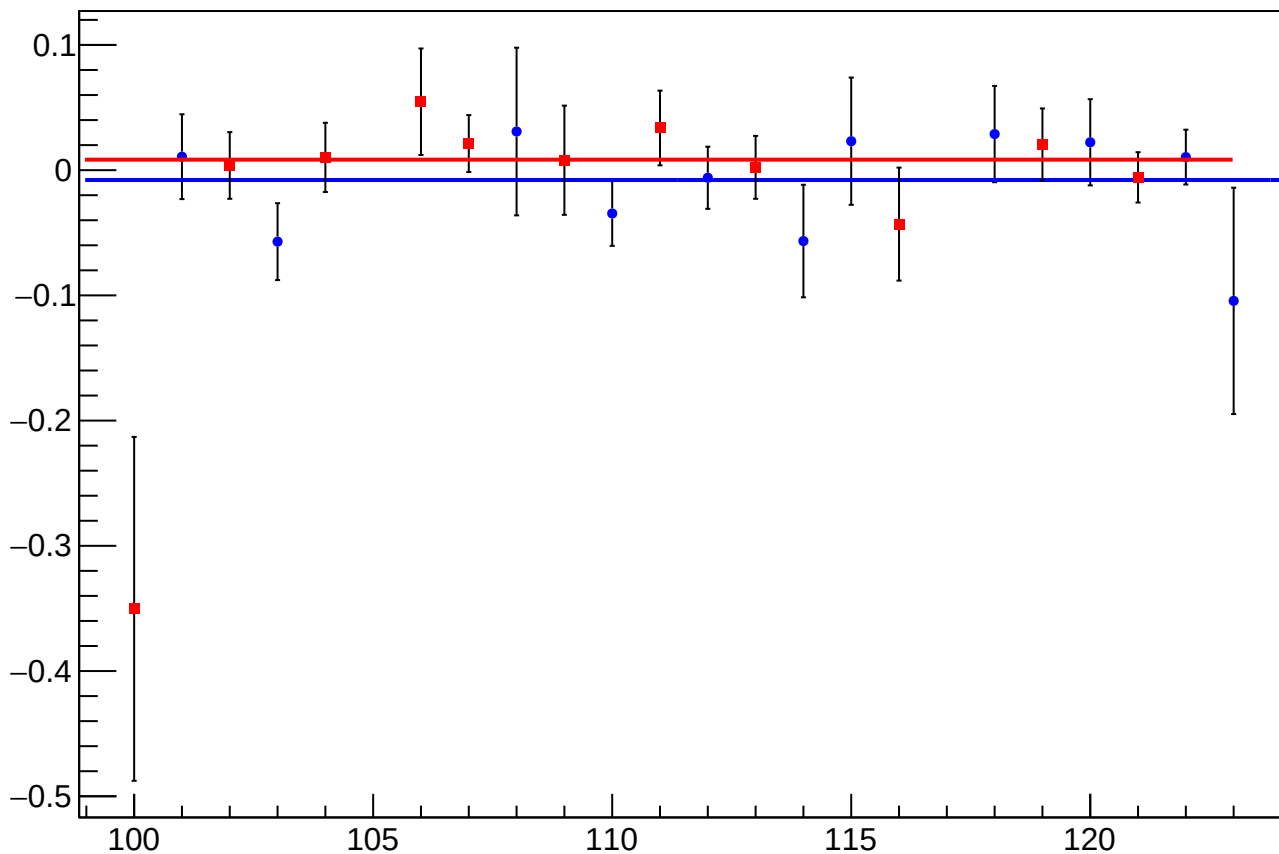
Right: 17.905+/-0.005 χ^2/NDF : 1285178.0/21

In: 18.624+/-0.007 χ^2/NDF : 597194.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.905+/-0.005 χ^2/NDF : 1285178.0/21

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.010 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.009 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

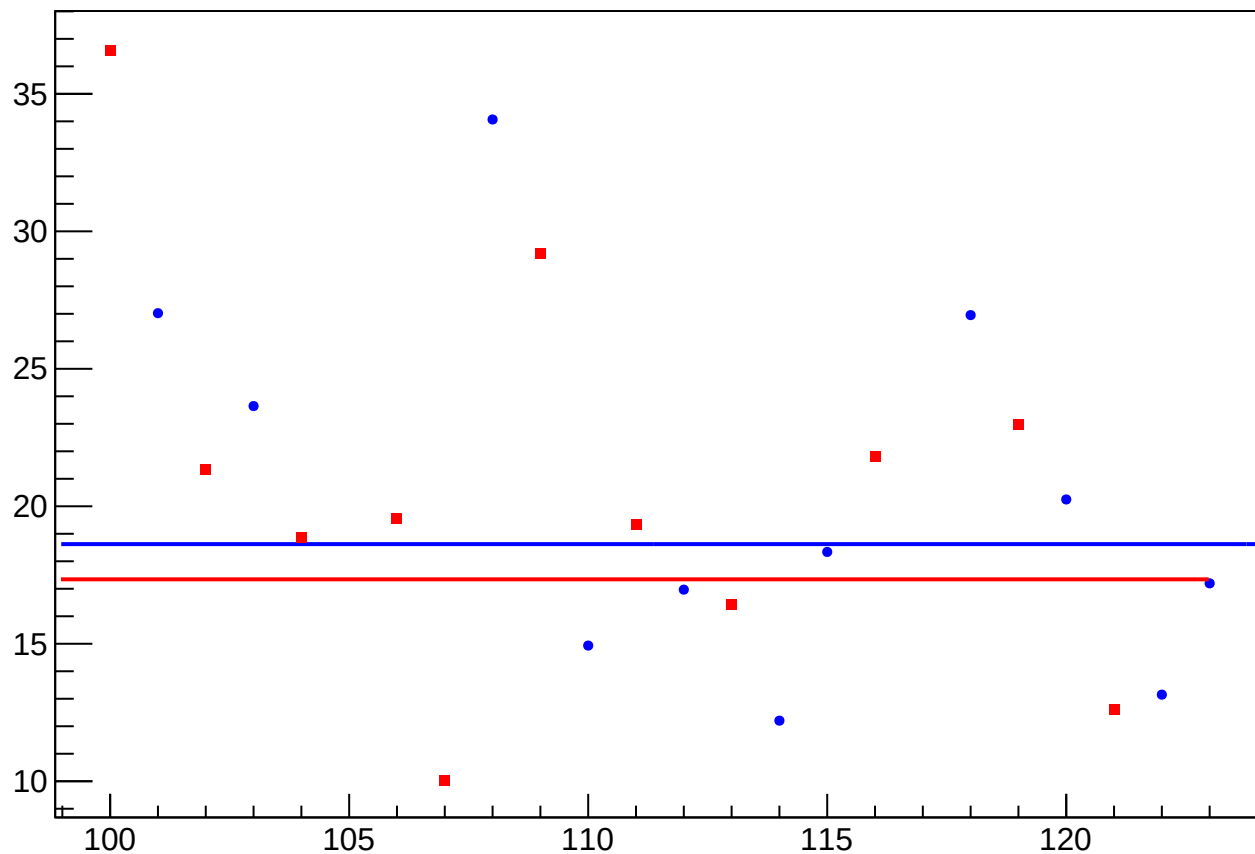
Right: 0.001+/-0.007 χ^2/NDF : 21.9/21

In: -0.008+/-0.010 χ^2/NDF :9.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.007 χ^2/NDF : 21.9/21

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.624+/-0.007 χ^2/NDF : 597194.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.344+/-0.006 χ^2/NDF : 669780.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

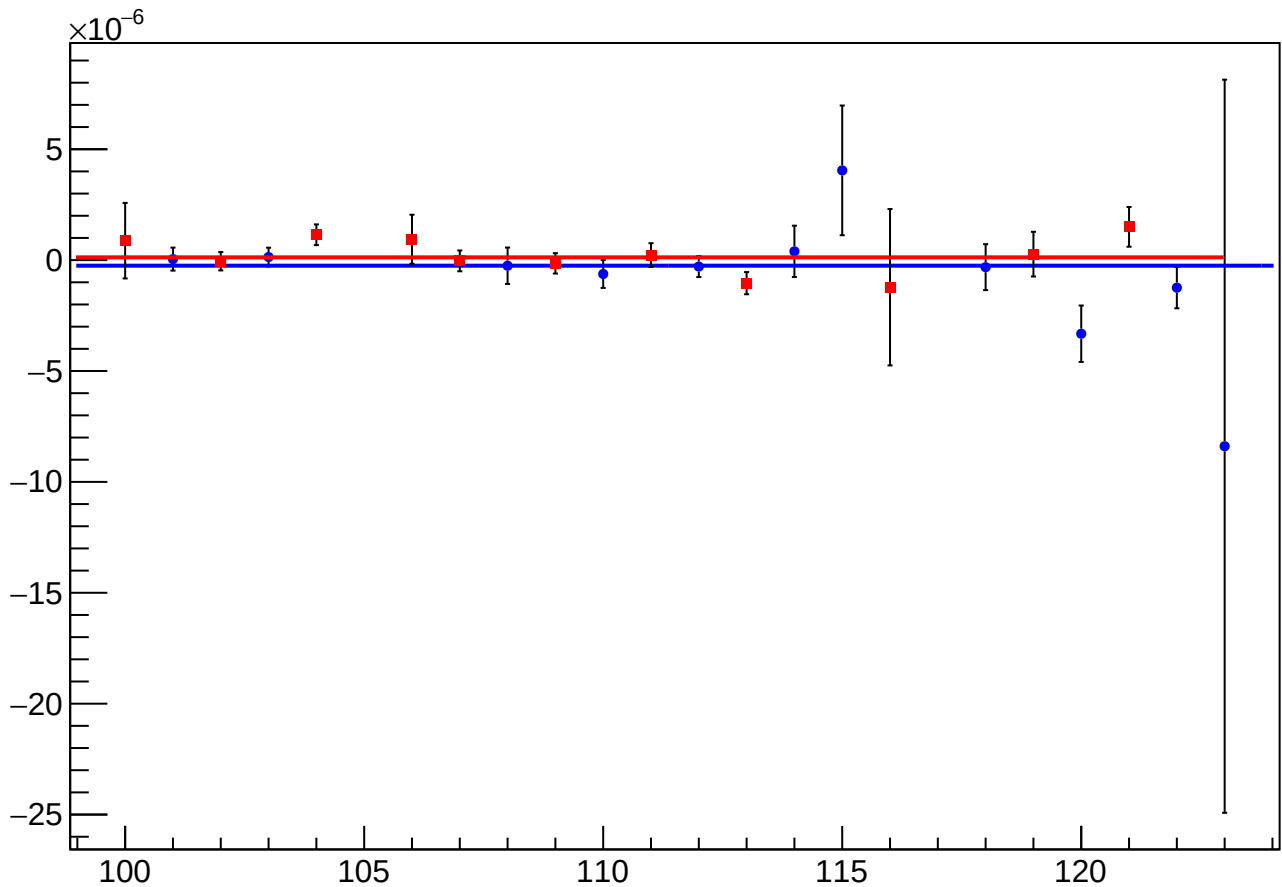
Right: 17.905+/-0.005 χ^2/NDF : 1285178.0/21

In: 18.624+/-0.007 χ^2/NDF : 597194.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.905+/-0.005 χ^2/NDF : 1285178.0/21

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/10

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

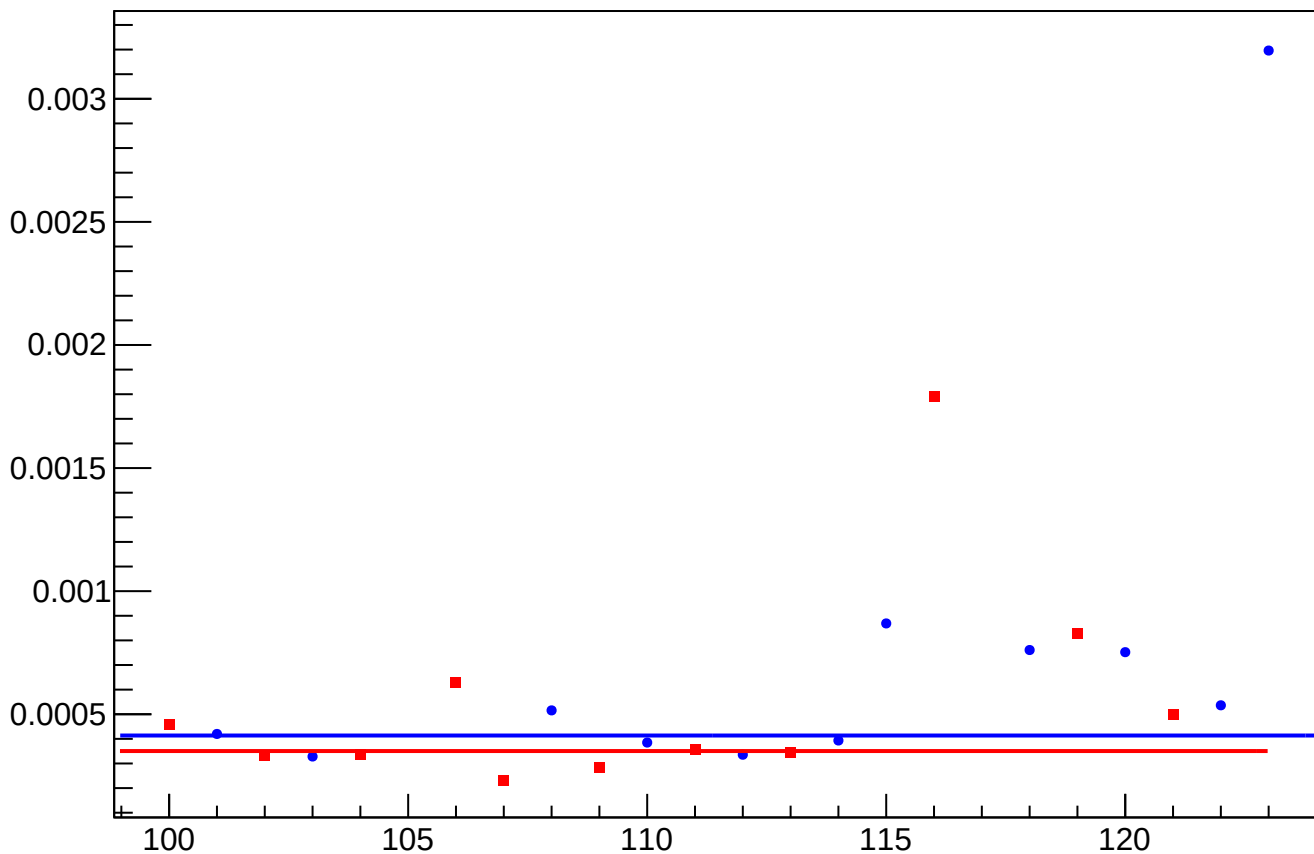
Right: -0.000+/-0.000 χ^2/NDF : 27.1/21

In: -0.000+/-0.000 χ^2/NDF : 11.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.1/21

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 678094.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1156012.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

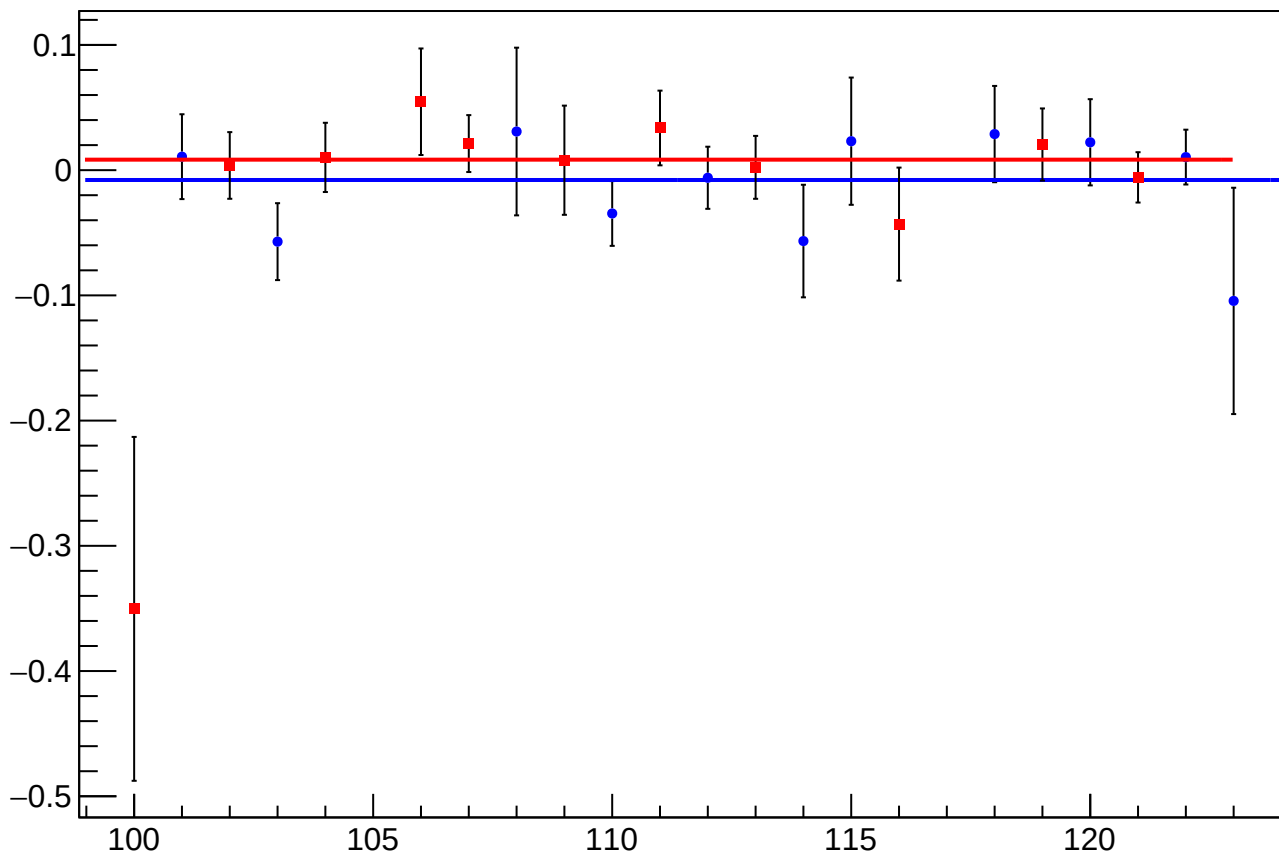
Right: 0.000+/-0.000 χ^2/NDF : 1934345.5/21

In: 0.000+/-0.000 χ^2/NDF :678094.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1934345.5/21

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.010 χ^2/NDF : 9.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.009 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

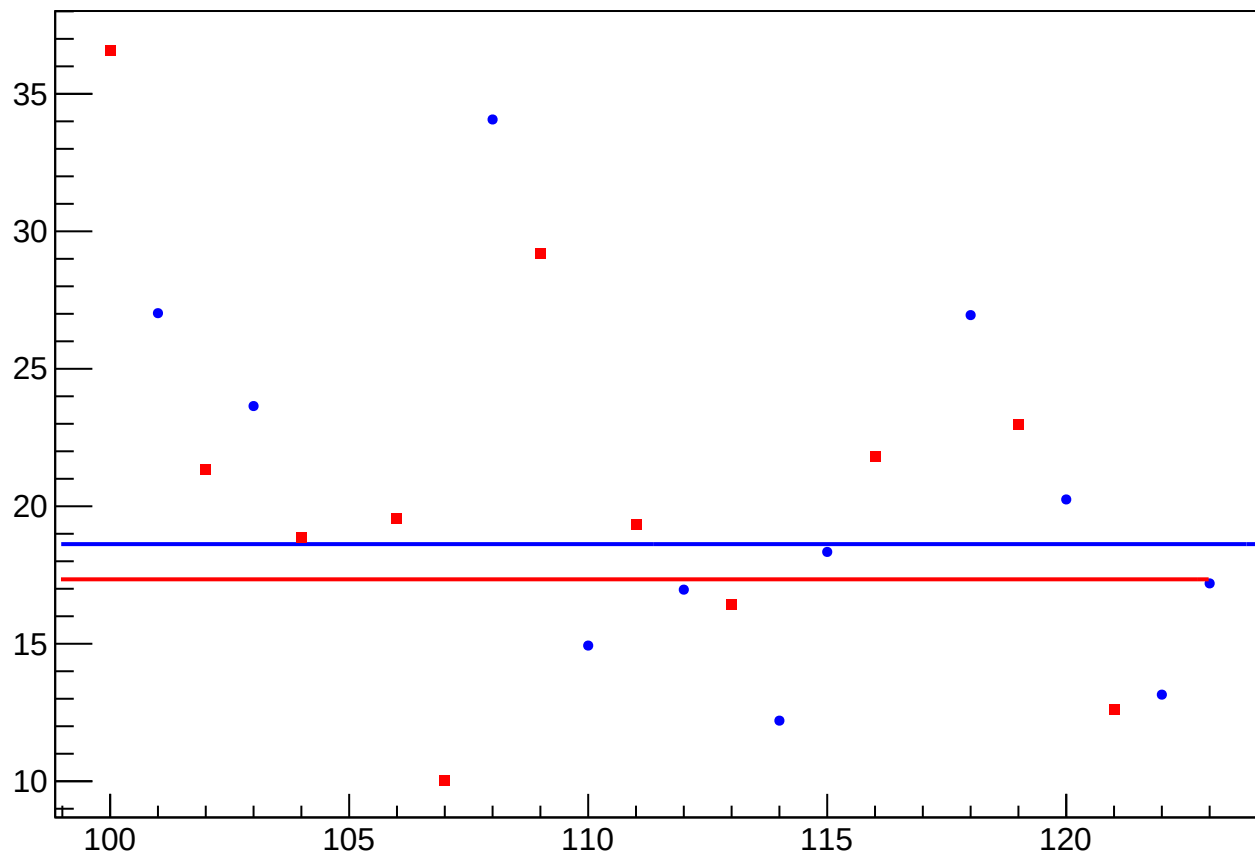
Right: 0.001 ± 0.007 χ^2/NDF : 21.9/21

In: -0.008 ± 0.010 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 21.9/21

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.624+/-0.007 χ^2/NDF : 597187.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.343+/-0.006 χ^2/NDF : 669796.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

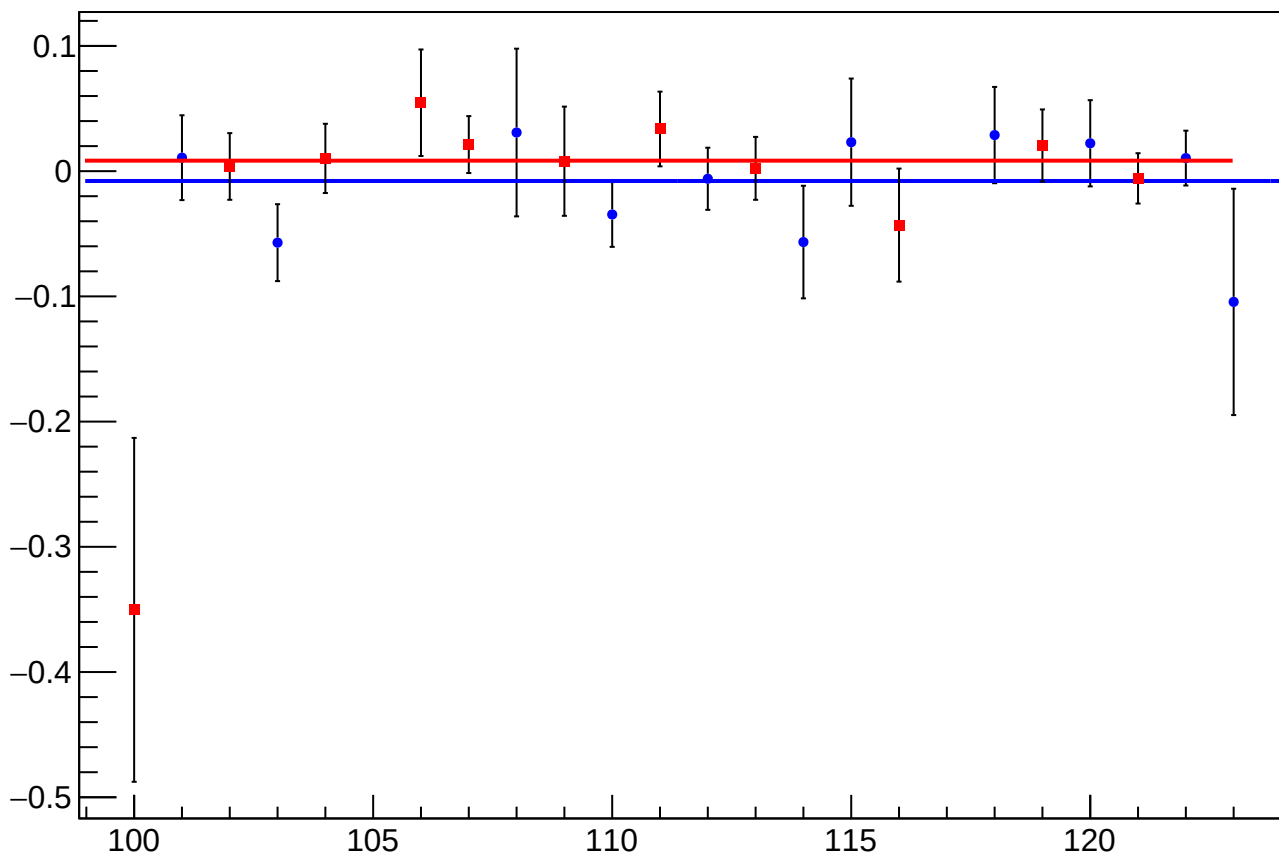
Right: 17.905+/-0.005 χ^2/NDF : 1285189.7/21

In: 18.624+/-0.007 χ^2/NDF : 597187.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.905+/-0.005 χ^2/NDF : 1285189.7/21

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.010 χ^2/NDF : 9.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.009 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

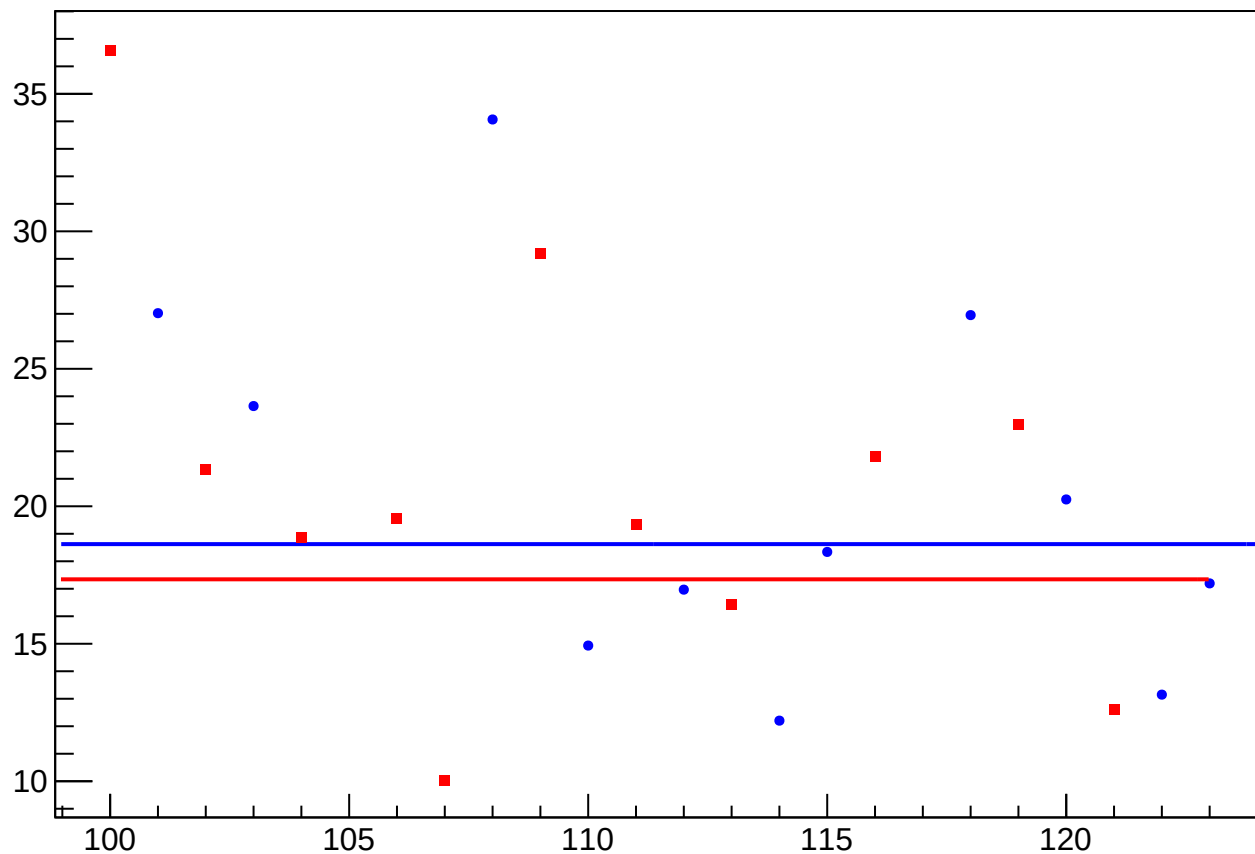
Right: 0.001 ± 0.007 χ^2/NDF : 21.9/21

In: -0.008 ± 0.010 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 21.9/21

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.624+/-0.007 χ^2/NDF : 597187.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.343+/-0.006 χ^2/NDF : 669796.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

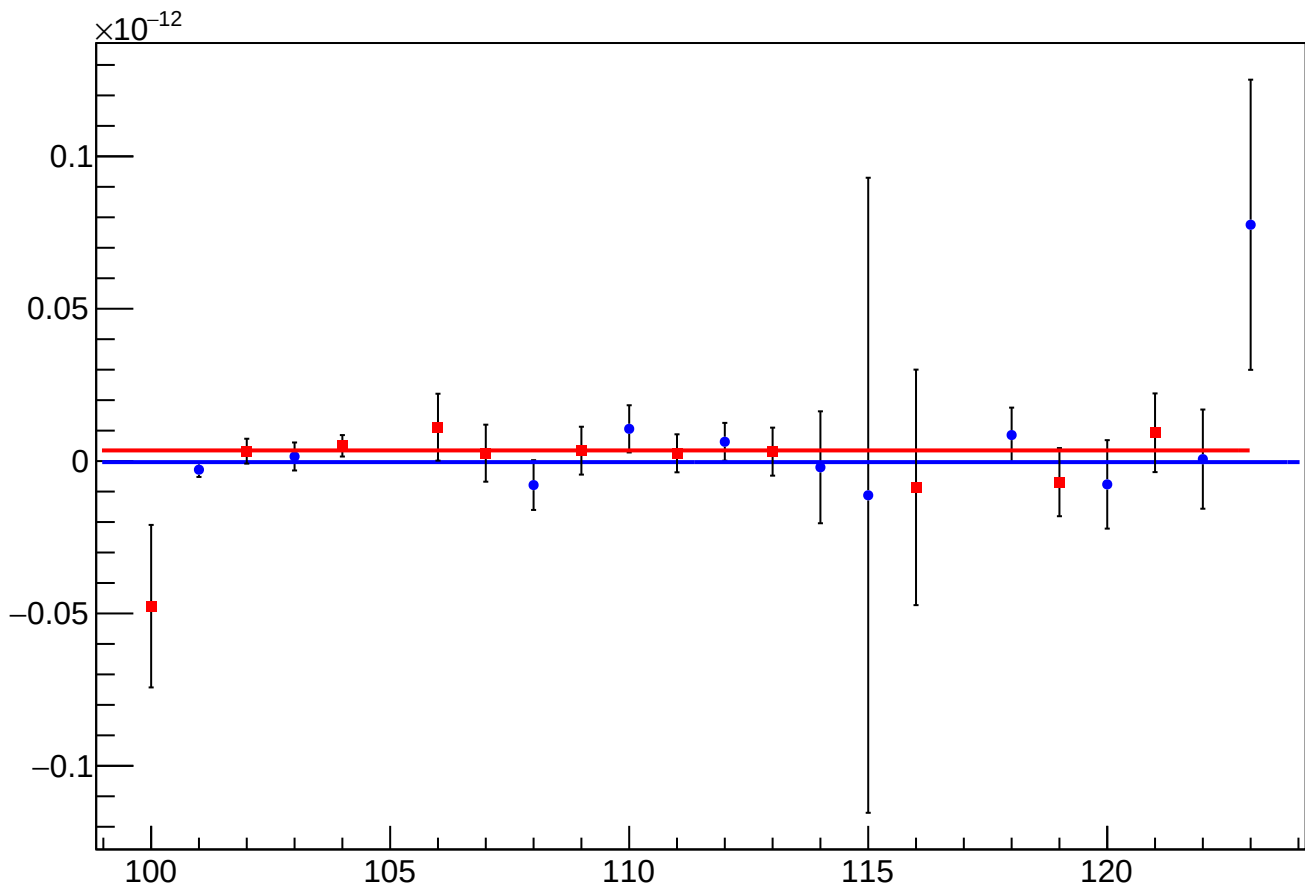
Right: 17.905+/-0.005 χ^2/NDF : 1285189.7/21

In: 18.624+/-0.007 χ^2/NDF : 597187.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.905+/-0.005 χ^2/NDF : 1285189.7/21

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/10

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

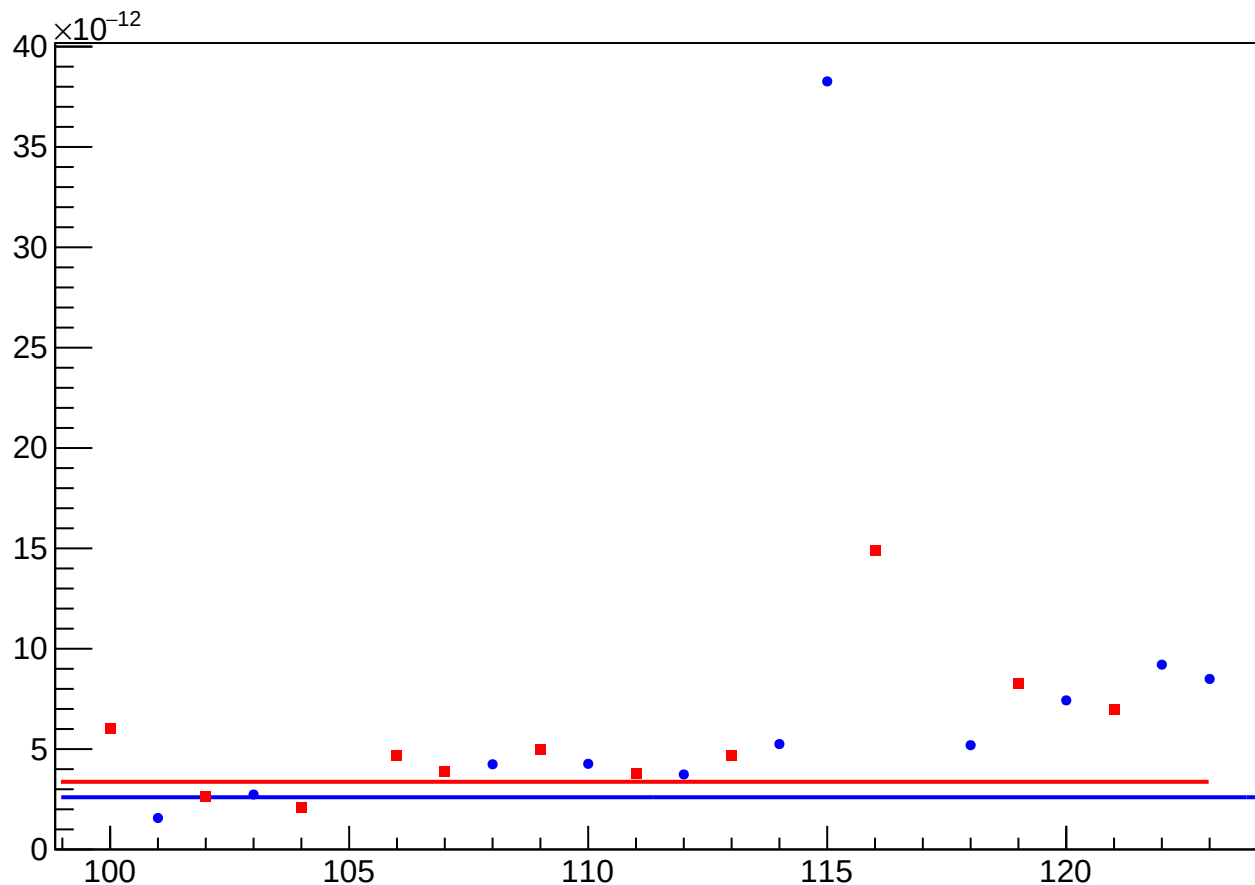
Right: 0.000+/-0.000 χ^2/NDF : 16.7/21

In: -0.000+/-0.000 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.7/21

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1641694.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1239691.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

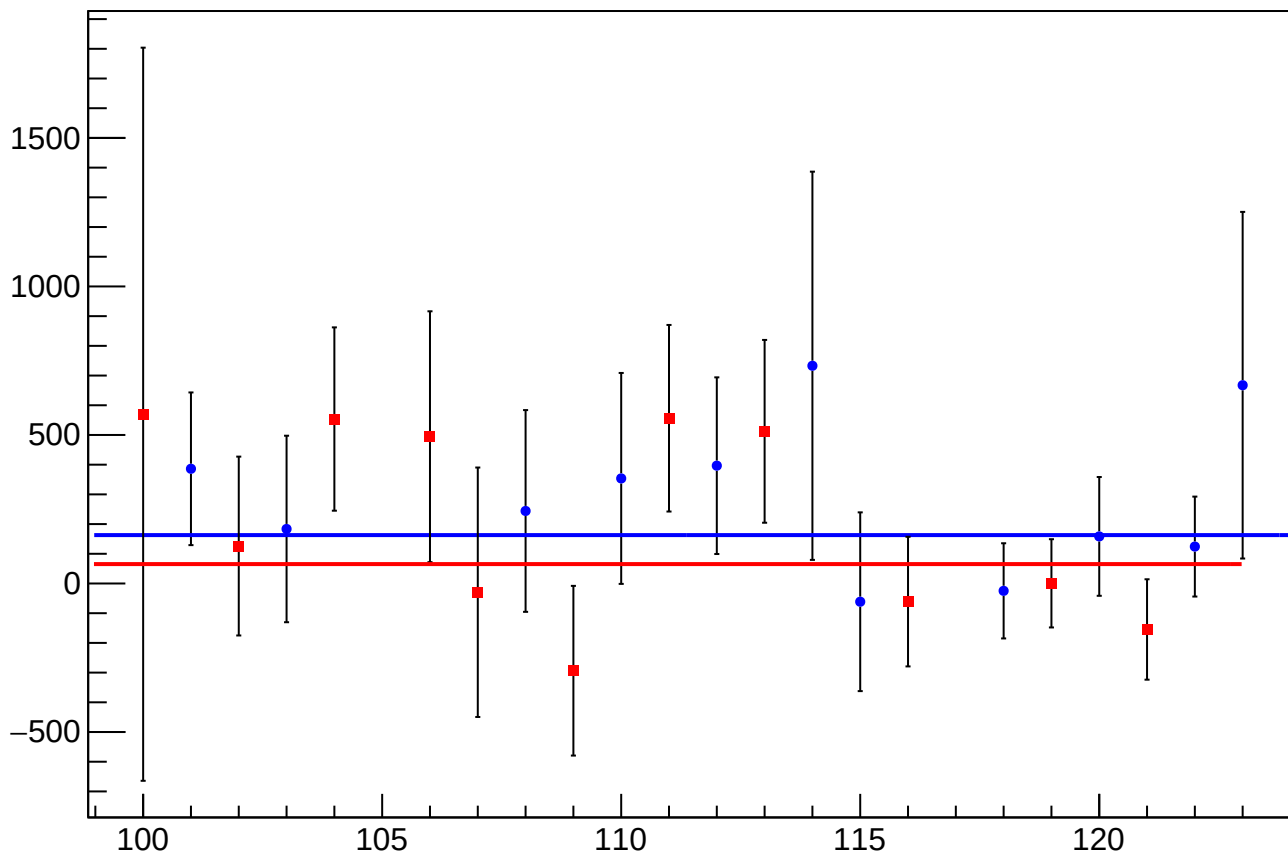
Right: 0.000+/-0.000 χ^2/NDF : 3038513.8/21

In: 0.000+/-0.000 χ^2/NDF : 1641694.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3038513.8/21

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 162.918 $\pm$ 76.960 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.319 $\pm$ 77.203 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

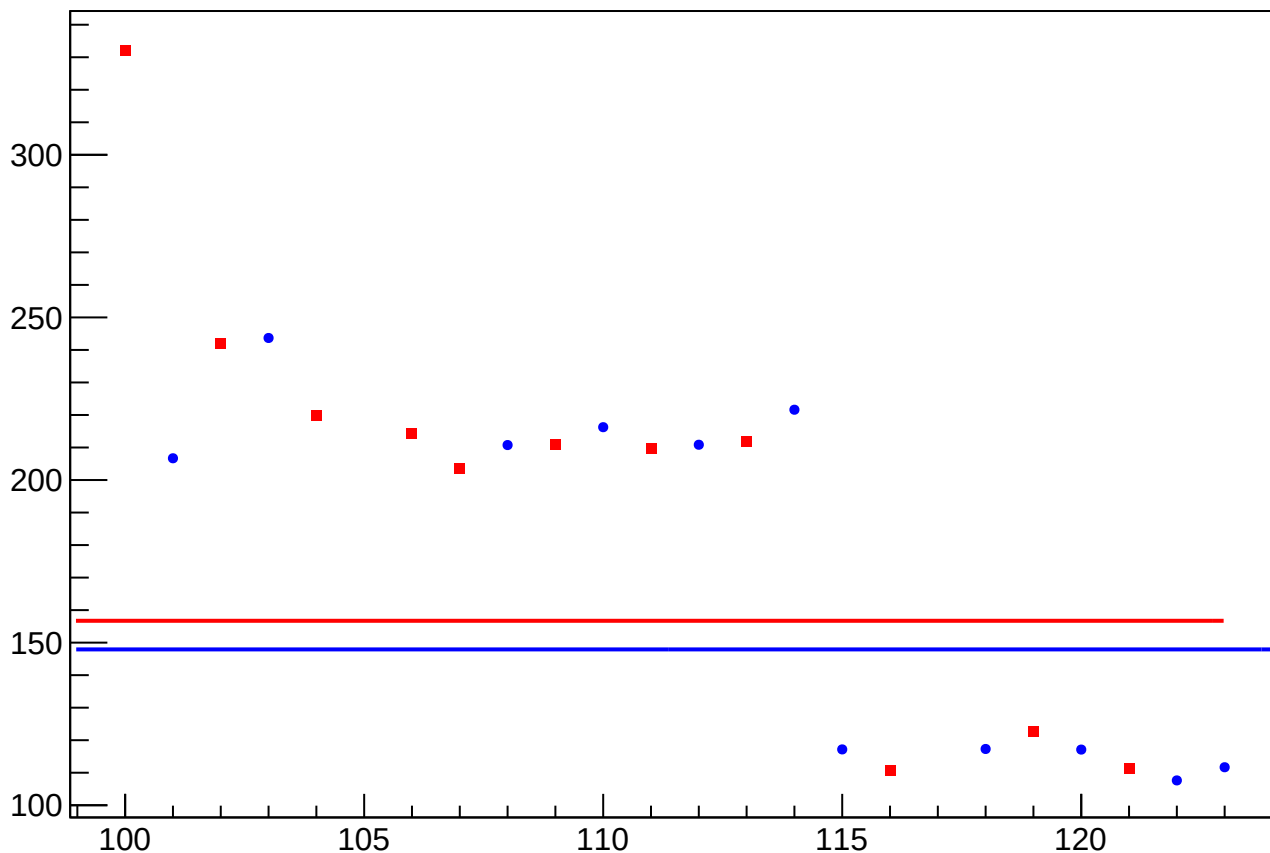
Right: 114.273 $\pm$ 54.505 χ^2 /NDF: 18.2/21

In: 162.918 $\pm$ 76.960 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.273 $\pm$ 54.505 χ^2 /NDF: 18.2/21

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 147.916+/-0.054 χ^2/NDF : 812054.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.718+/-0.055 χ^2/NDF : 876810.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

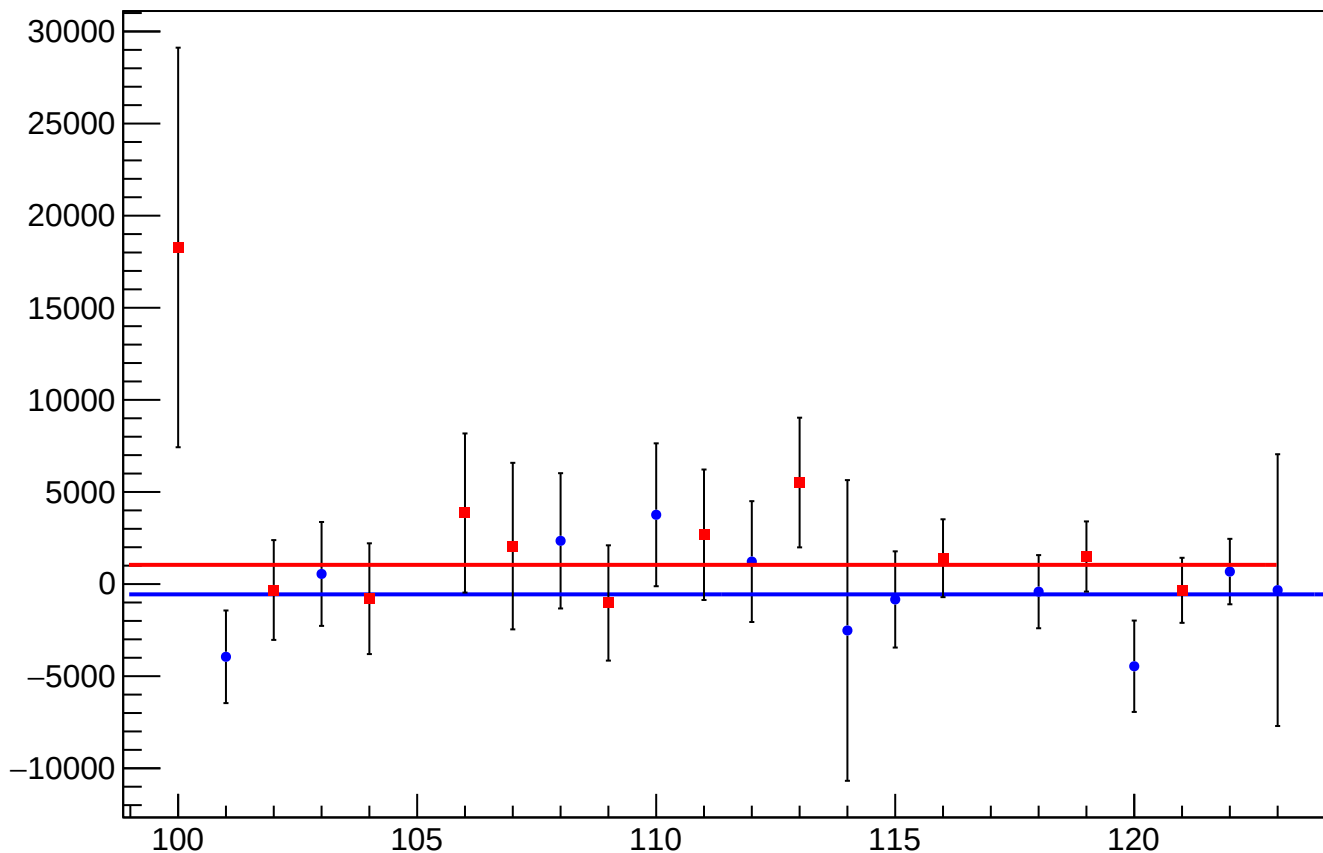
Right: 152.303+/-0.039 χ^2/NDF : 1701904.2/21

In: 147.916+/-0.054 χ^2/NDF : 812054.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.303+/-0.039 χ^2/NDF : 1701904.2/21

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -558.269+/-836.069 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.304+/-833.114 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

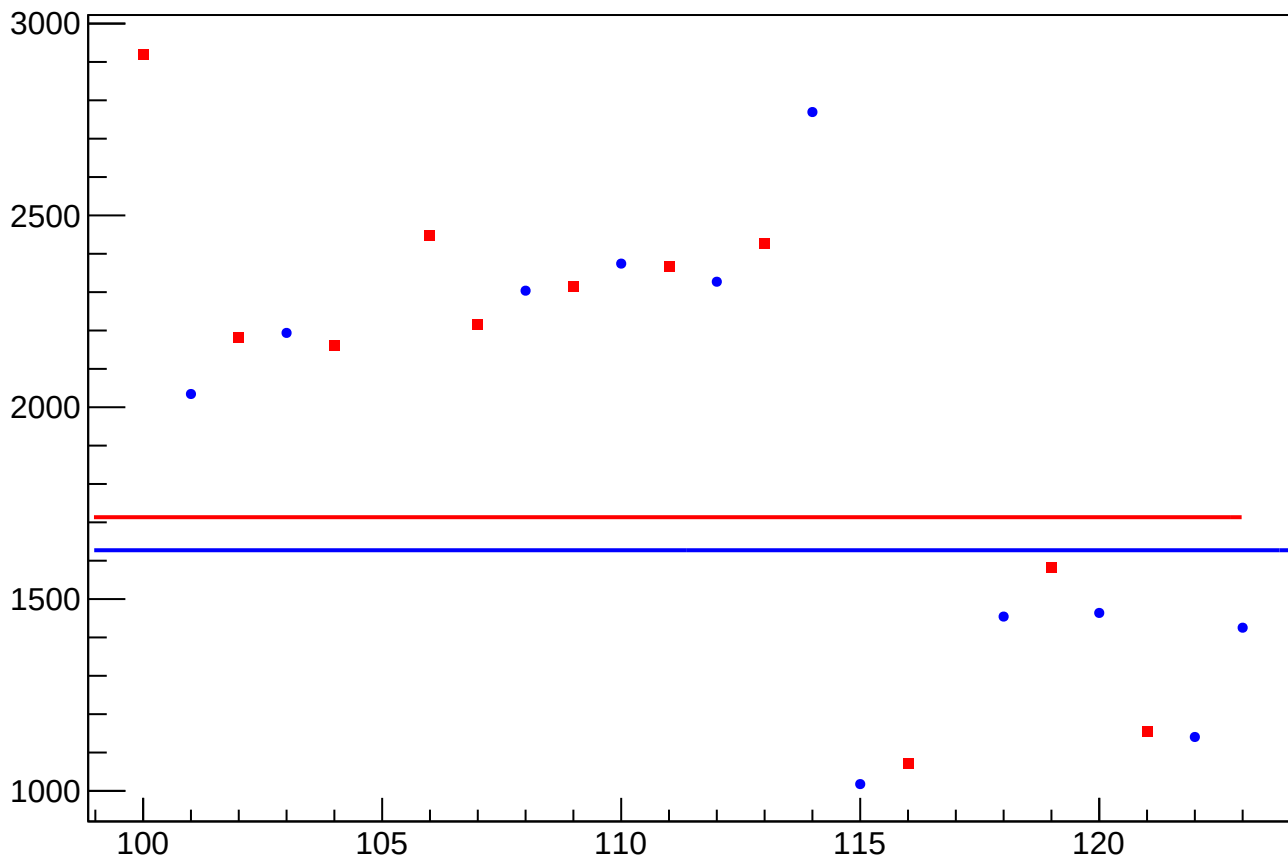
Right: 245.353+/-590.142 χ^2/NDF : 15.6/21

In: -558.269+/-836.069 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.353+/-590.142 χ^2/NDF : 15.6/21

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1627.273+/-0.591 χ^2/NDF : 689882.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1713.388+/-0.589 χ^2/NDF : 829503.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

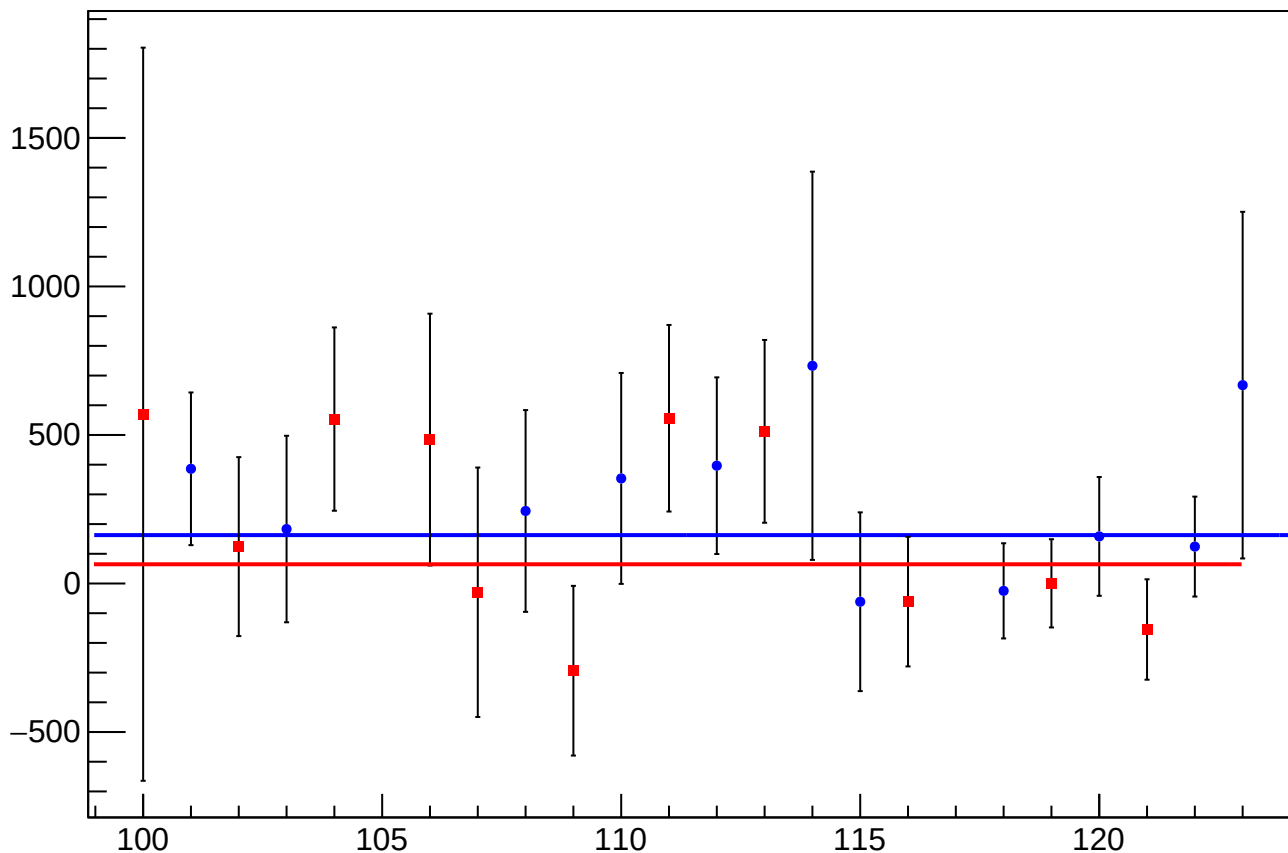
Right: 1670.483+/-0.417 χ^2/NDF : 1530032.7/21

In: 1627.273+/-0.591 χ^2/NDF : 689882.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.483+/-0.417 χ^2/NDF : 1530032.7/21

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 162.909+/-76.960 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.747+/-77.216 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

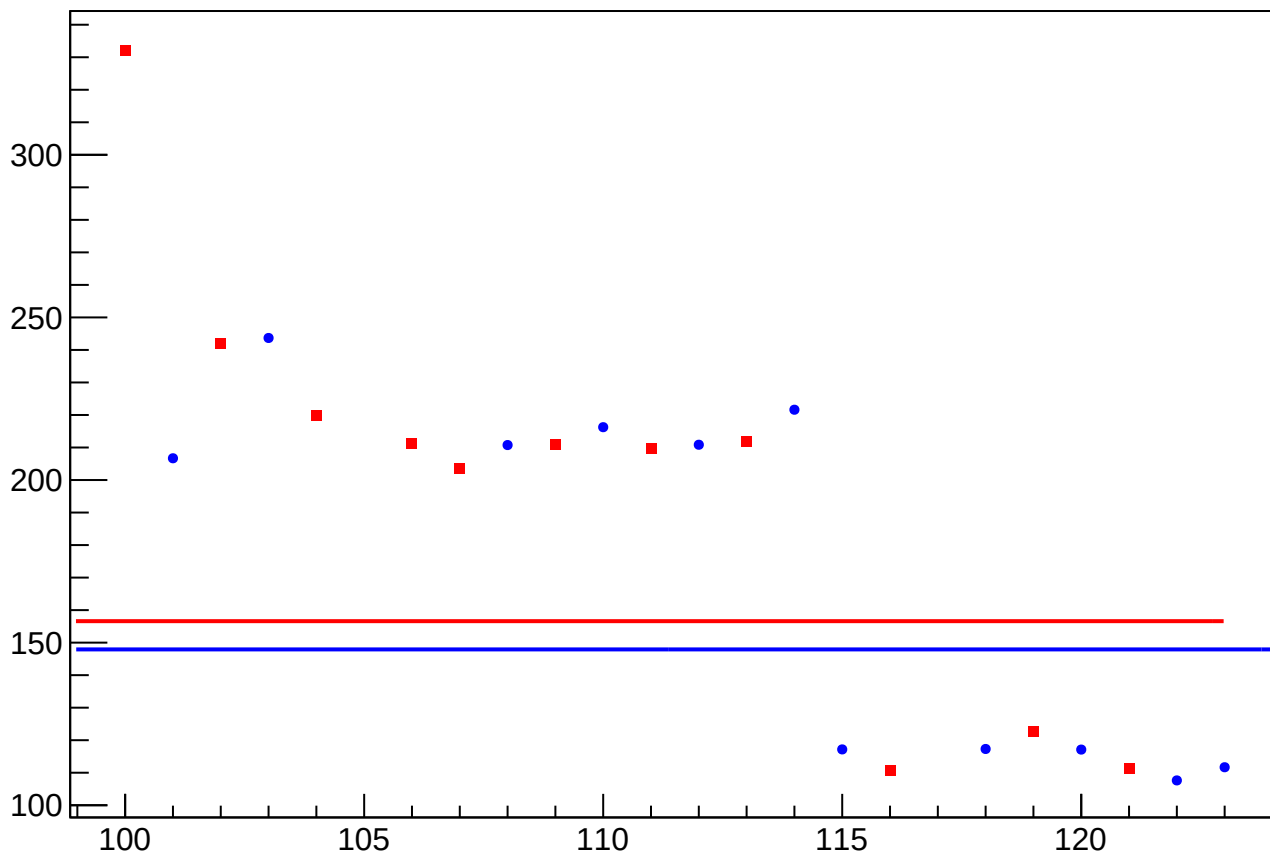
Right: 113.991+/-54.509 χ^2/NDF : 18.1/21

In: 162.909+/-76.960 χ^2/NDF : 5.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.991+/-54.509 χ^2/NDF : 18.1/21

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 147.916+/-0.054 χ^2/NDF : 812056.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.604+/-0.055 χ^2/NDF : 872978.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

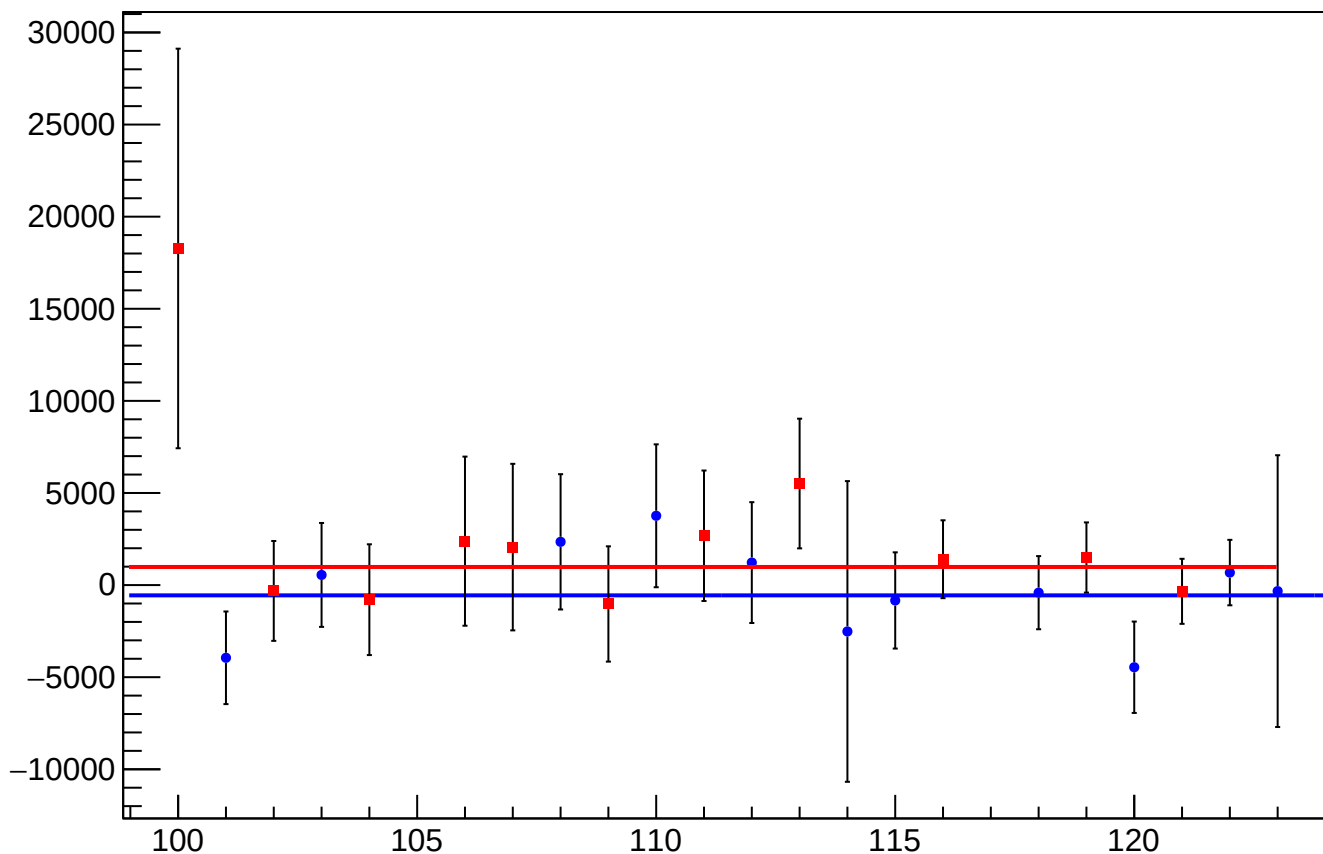
Right: 152.246+/-0.039 χ^2/NDF : 1697734.6/21

In: 147.916+/-0.054 χ^2/NDF : 812056.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.246+/-0.039 χ^2/NDF : 1697734.6/21

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -558.185+/-836.073 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.084+/-834.954 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

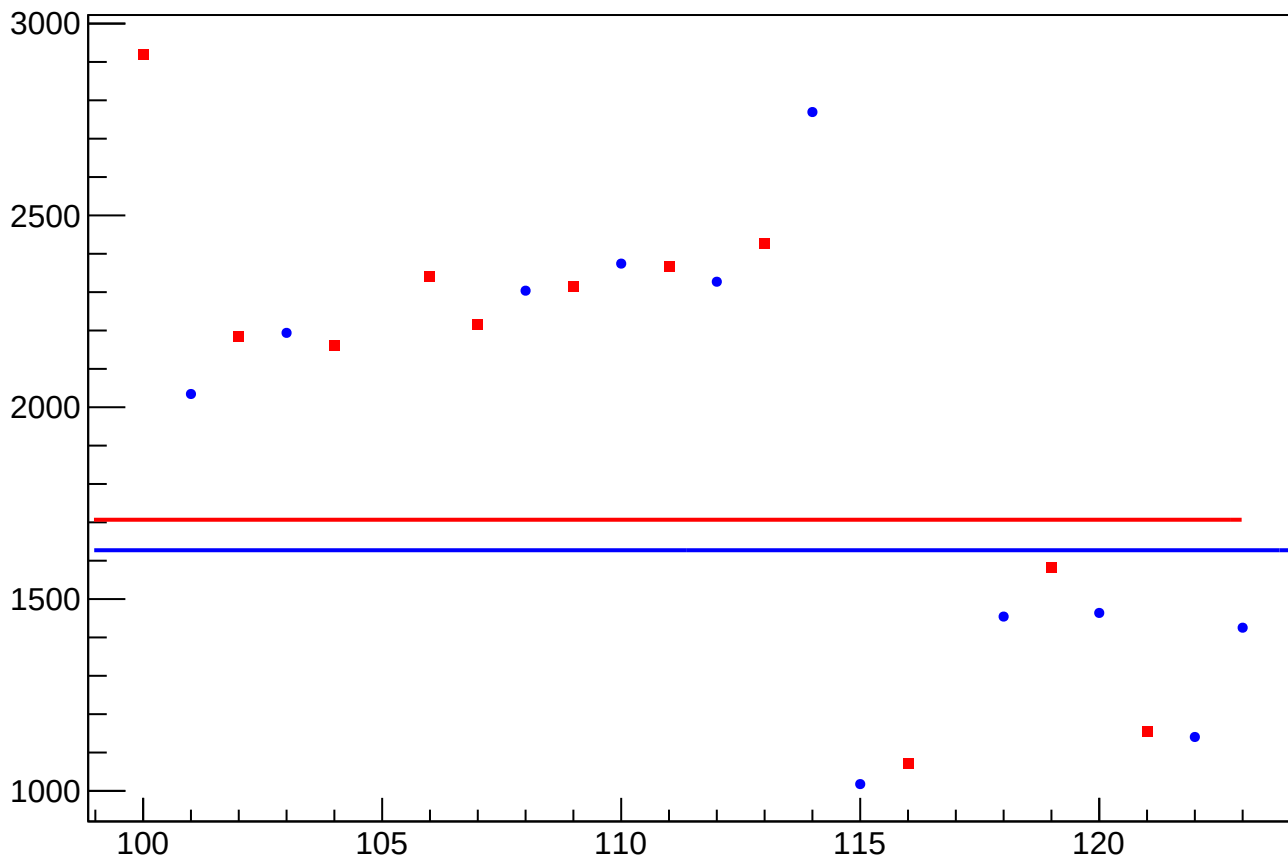
Right: 213.482+/-590.797 χ^2/NDF : 15.1/21

In: -558.185+/-836.073 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.482+/-590.797 χ^2/NDF : 15.1/21

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1627.277+/-0.591 χ^2/NDF : 689908.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.769+/-0.590 χ^2/NDF : 809197.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

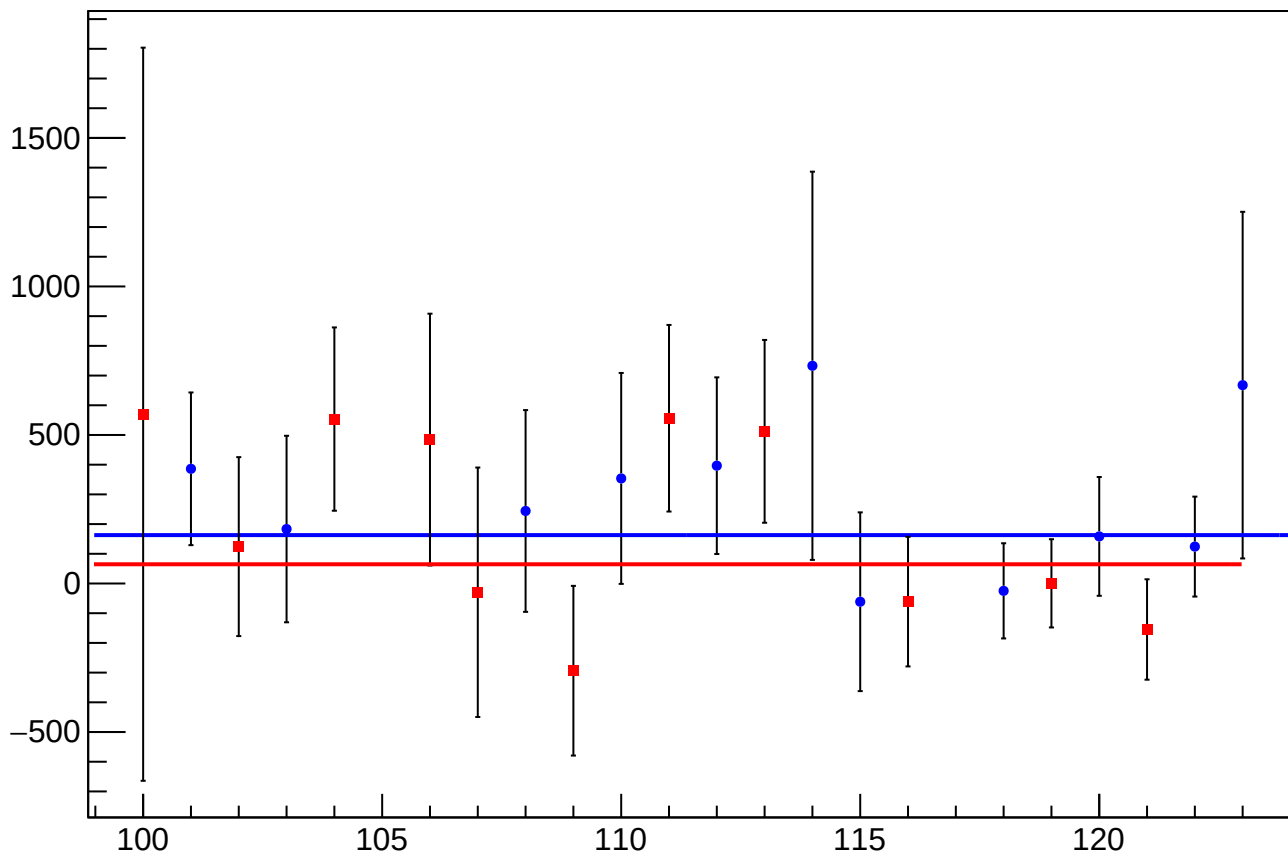
Right: 1667.076+/-0.418 χ^2/NDF : 1508157.7/21

In: 1627.277+/-0.591 χ^2/NDF : 689908.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.076+/-0.418 χ^2/NDF : 1508157.7/21

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 162.909 $\pm$ 76.960 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.747 $\pm$ 77.216 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

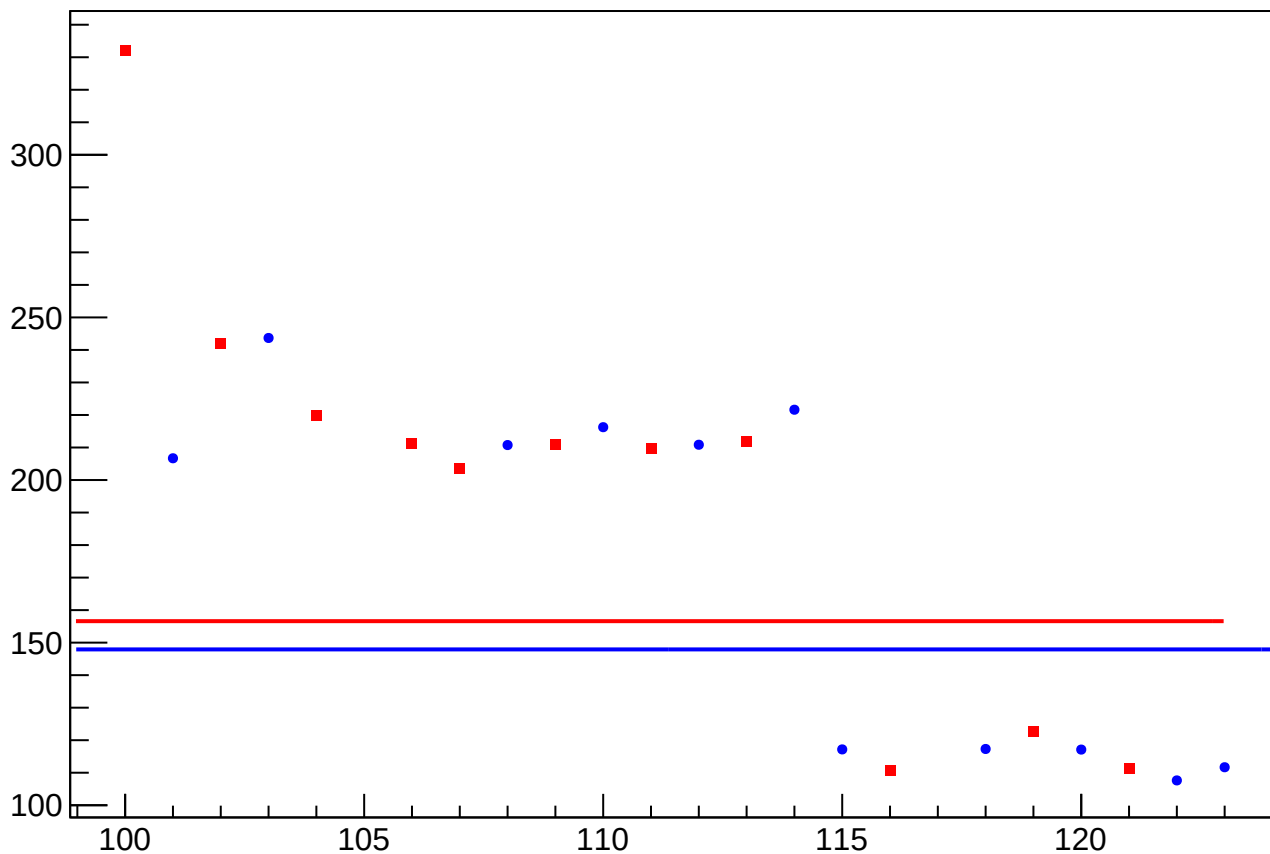
Right: 113.991 $\pm$ 54.509 χ^2 /NDF: 18.1/21

In: 162.909 $\pm$ 76.960 χ^2 /NDF: 5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.991 $\pm$ 54.509 χ^2 /NDF: 18.1/21

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 147.916+/-0.054 χ^2/NDF : 812056.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.604+/-0.055 χ^2/NDF : 872978.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

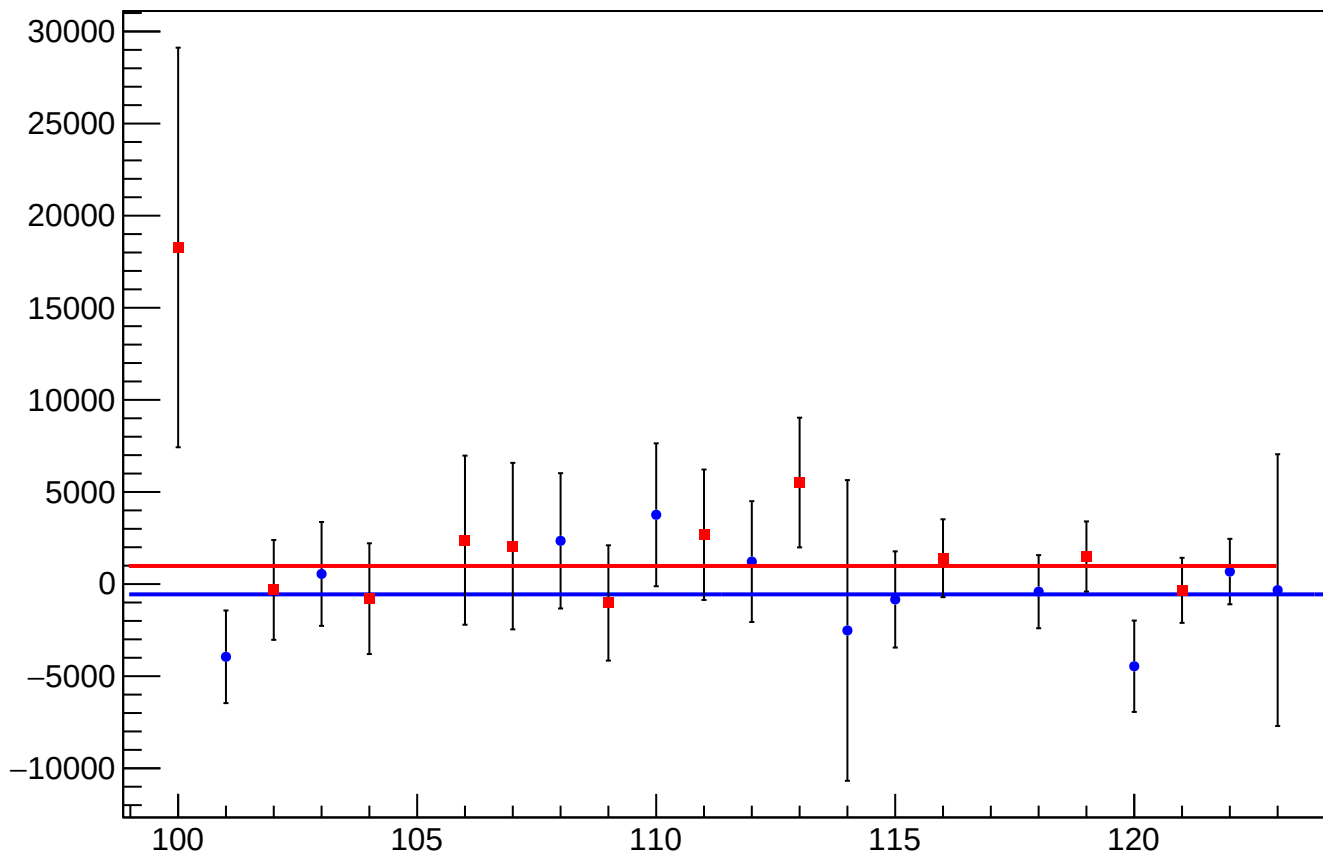
Right: 152.246+/-0.039 χ^2/NDF : 1697734.6/21

In: 147.916+/-0.054 χ^2/NDF : 812056.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.246+/-0.039 χ^2/NDF : 1697734.6/21

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -558.185+/-836.073 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.084+/-834.954 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

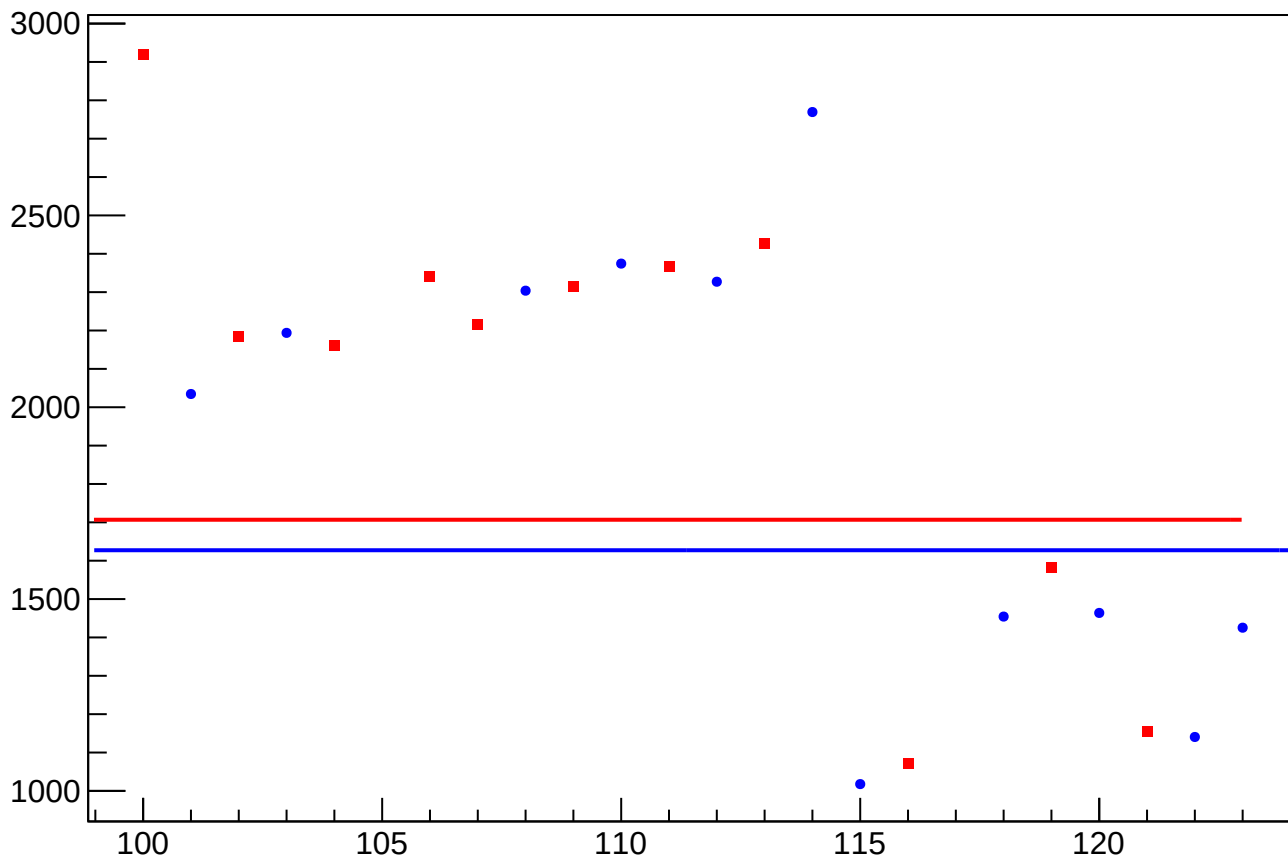
Right: 213.482+/-590.797 χ^2/NDF : 15.1/21

In: -558.185+/-836.073 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.482+/-590.797 χ^2/NDF : 15.1/21

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1627.277+/-0.591 χ^2/NDF : 689908.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.769+/-0.590 χ^2/NDF : 809197.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

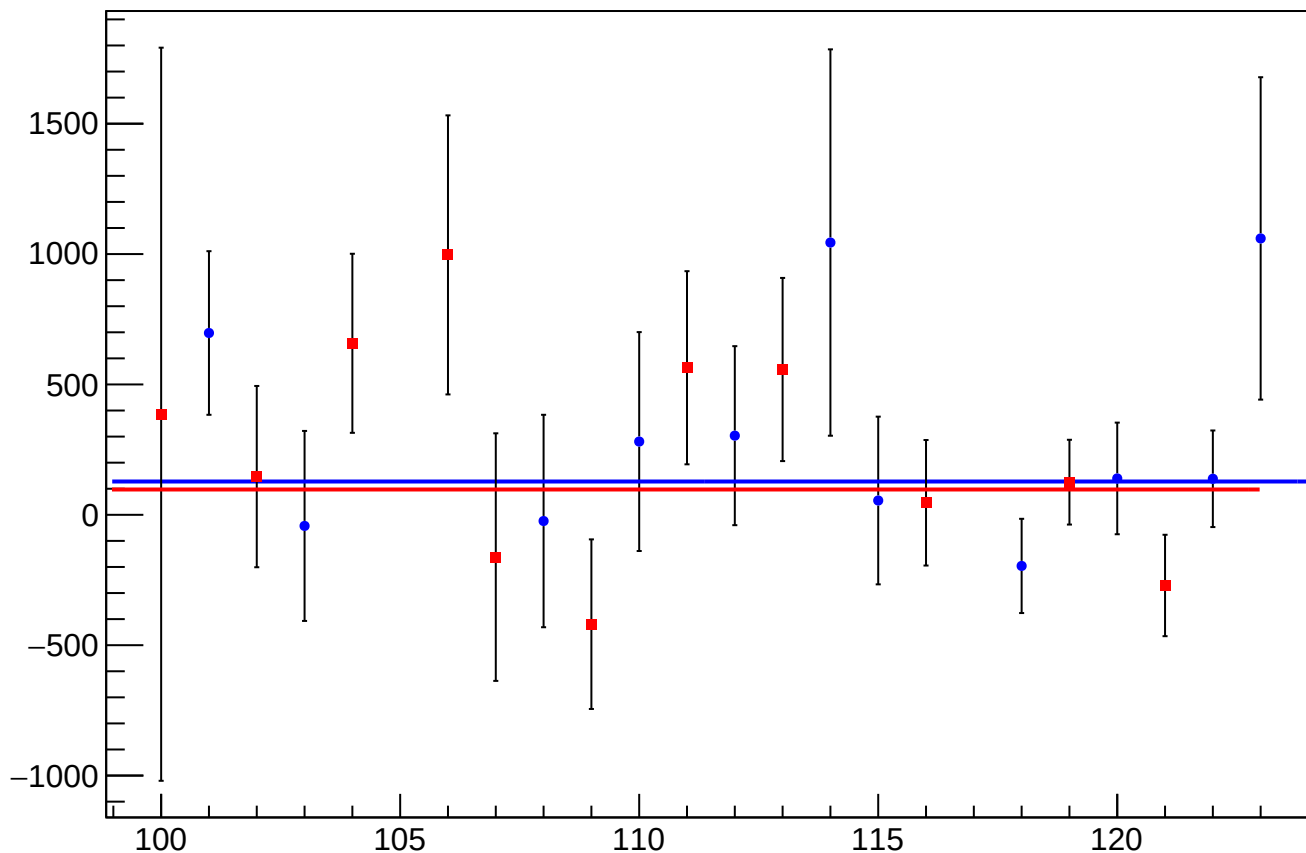
Right: 1667.076+/-0.418 χ^2/NDF : 1508157.7/21

In: 1627.277+/-0.591 χ^2/NDF : 689908.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.076+/-0.418 χ^2/NDF : 1508157.7/21

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 127.778 $\pm$ 86.519 χ^2 /NDF: 11.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.125 $\pm$ 87.176 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

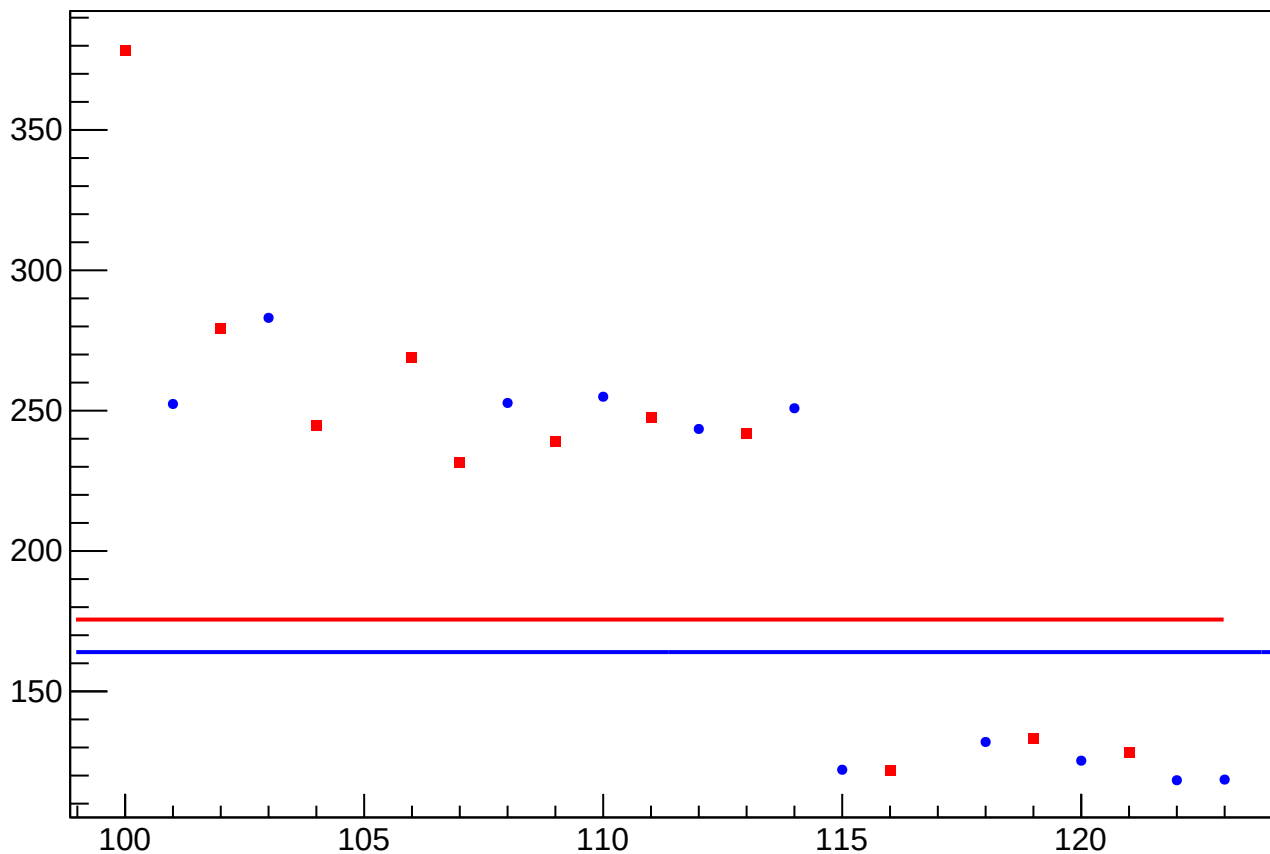
Right: 112.568 $\pm$ 61.409 χ^2 /NDF: 26.5/21

In: 127.778 $\pm$ 86.519 χ^2 /NDF:11.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.568 $\pm$ 61.409 χ^2 /NDF: 26.5/21

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 163.986+/-0.061 χ^2/NDF : 990380.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.584+/-0.062 χ^2/NDF : 966167.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

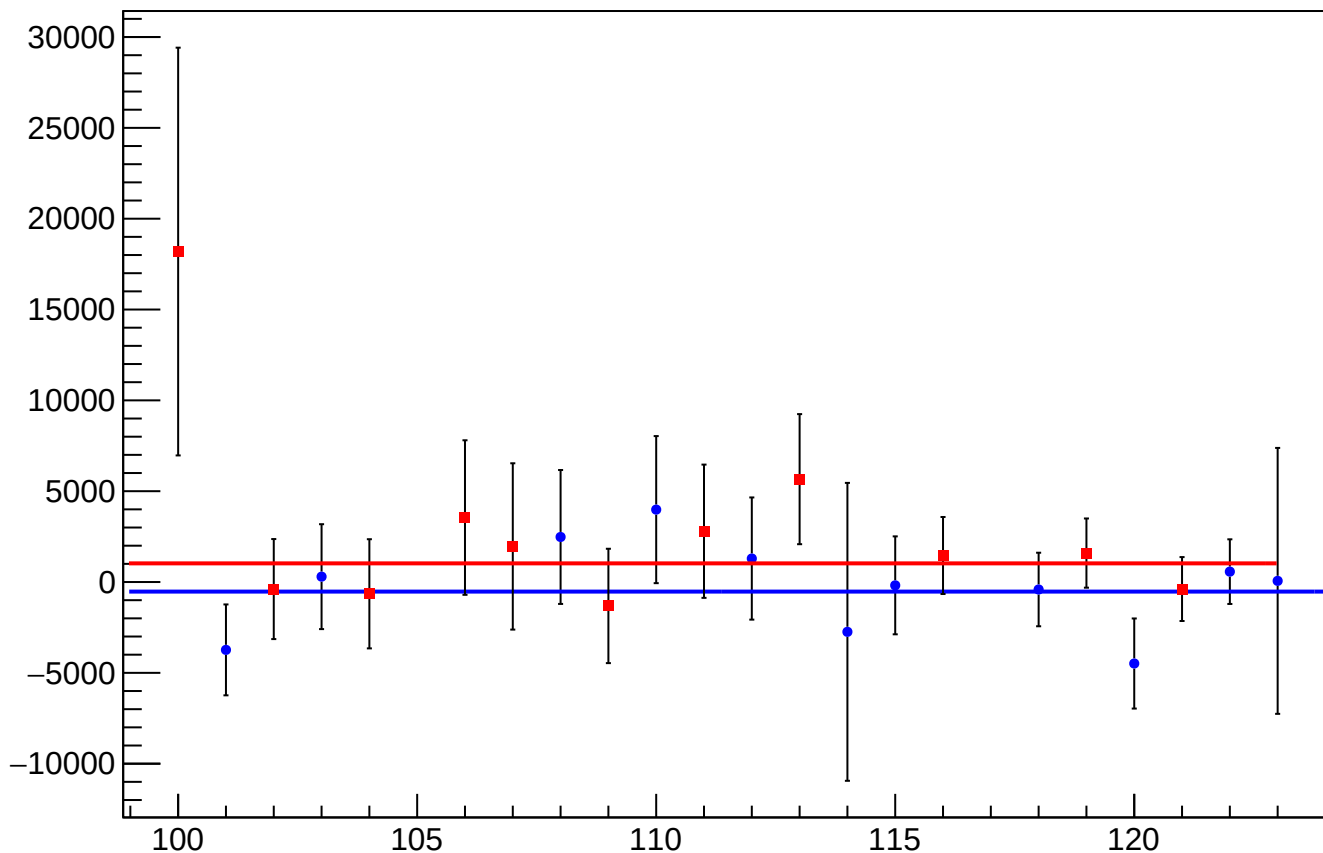
Right: 169.741+/-0.043 χ^2/NDF : 1974381.4/21

In: 163.986+/-0.061 χ^2/NDF : 990380.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.741+/-0.043 χ^2/NDF : 1974381.4/21

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -526.658+/-846.230 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.204+/-836.813 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

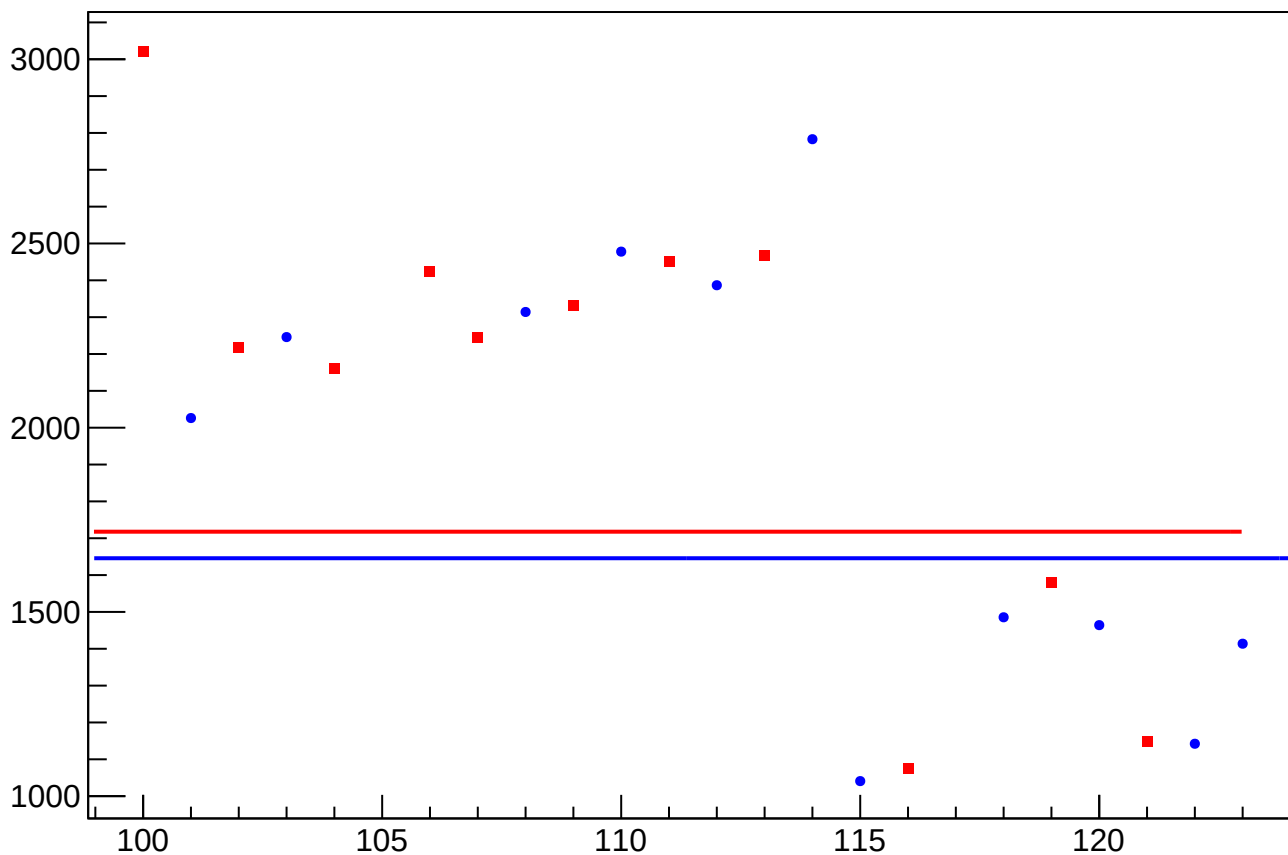
Right: 258.967+/-595.018 χ^2/NDF : 15.2/21

In: -526.658+/-846.230 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.967+/-595.018 χ^2/NDF : 15.2/21

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1645.709+/-0.598 χ^2/NDF : 704636.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.744+/-0.592 χ^2/NDF : 864583.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

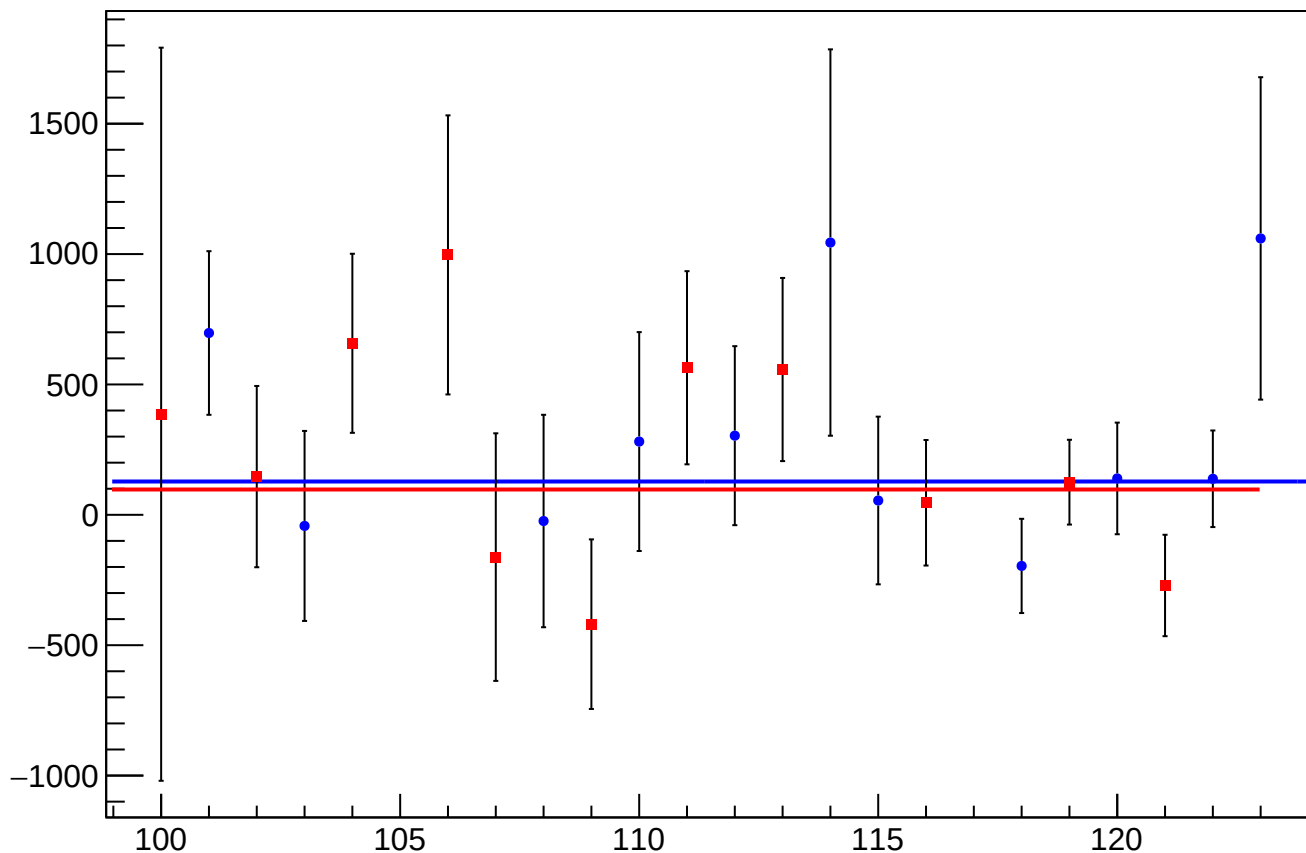
Right: 1682.130+/-0.421 χ^2/NDF : 1576547.1/21

In: 1645.709+/-0.598 χ^2/NDF : 704636.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1682.130+/-0.421 χ^2/NDF : 1576547.1/21

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 127.781+/-86.519 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.122+/-87.175 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

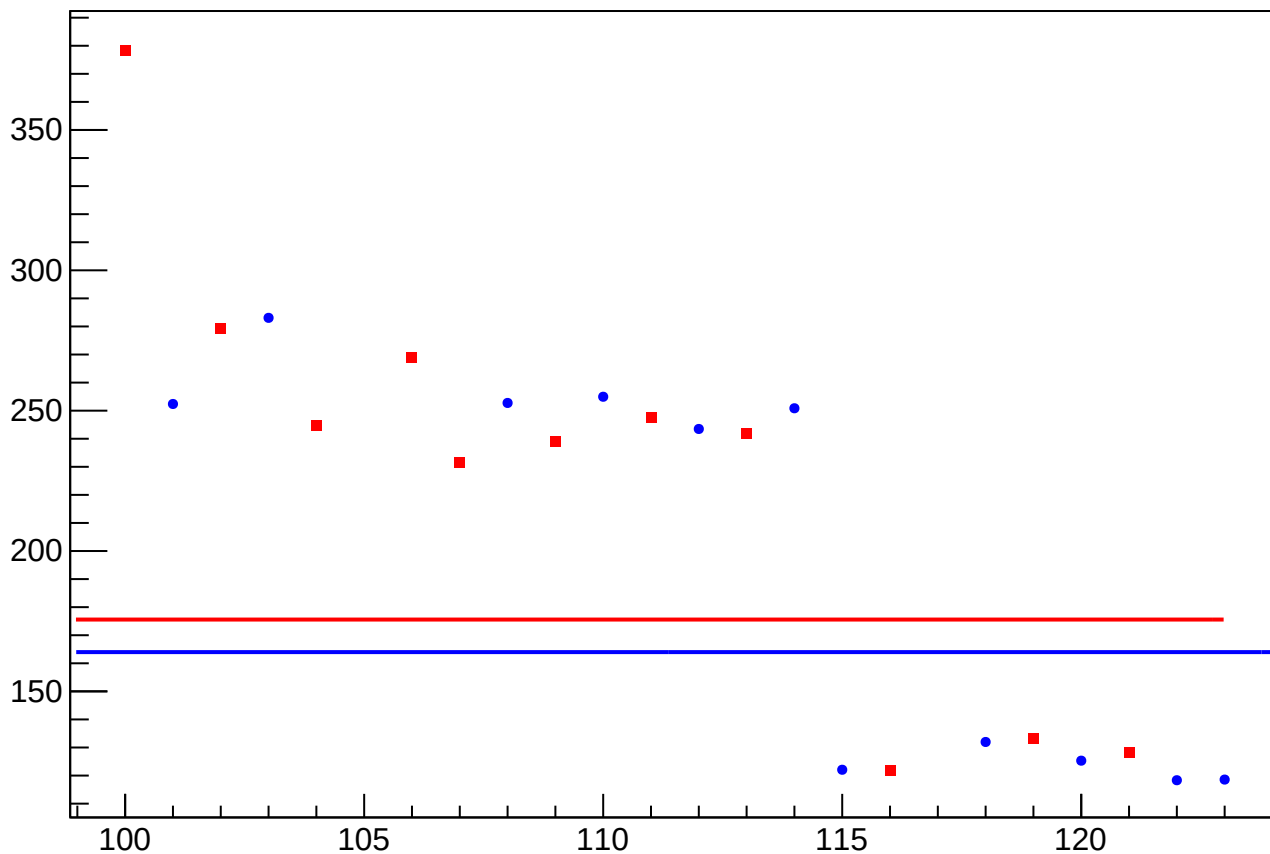
Right: 112.568+/-61.409 χ^2/NDF : 26.5/21

In: 127.781+/-86.519 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.568+/-61.409 χ^2/NDF : 26.5/21

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 163.986+/-0.061 χ^2/NDF : 990361.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.584+/-0.062 χ^2/NDF : 966146.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

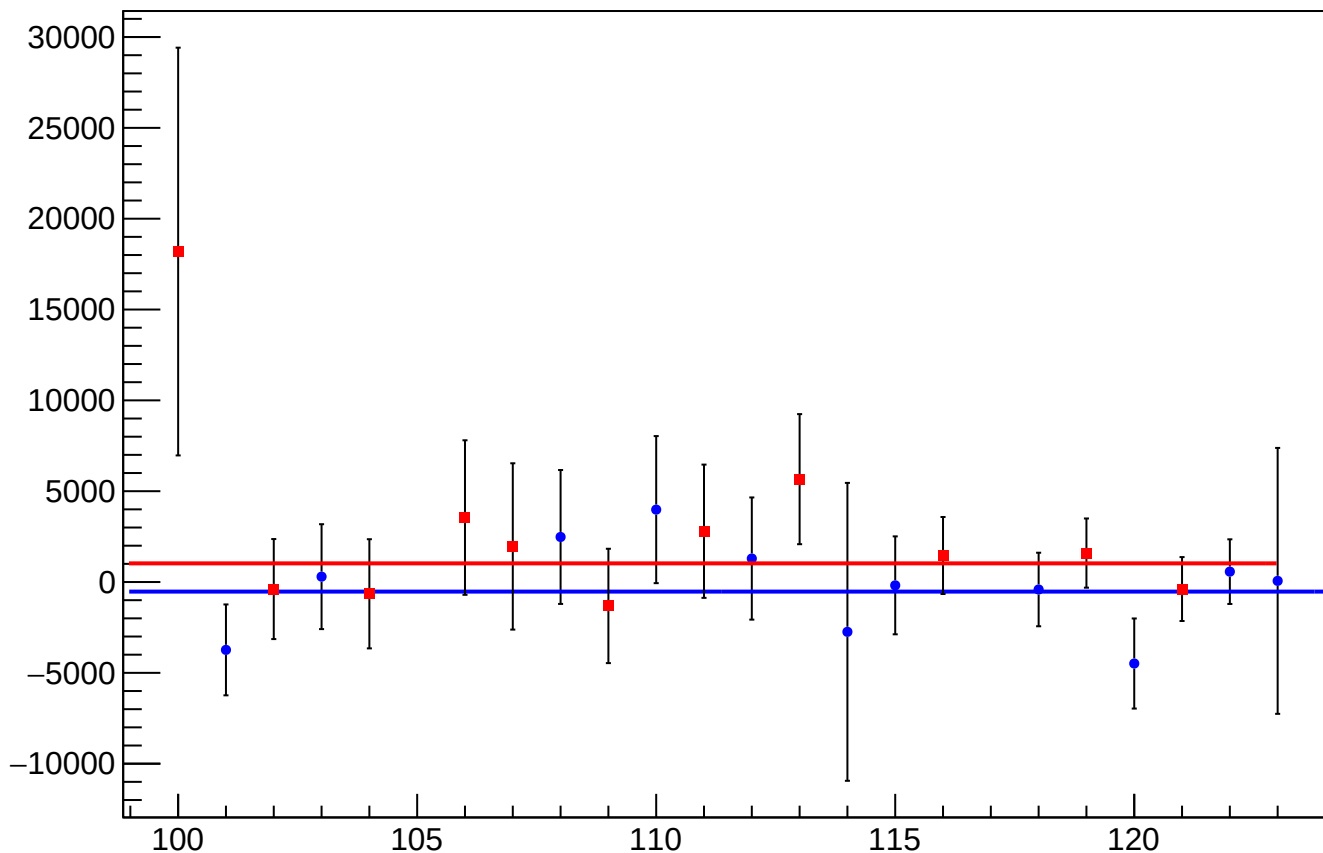
Right: 169.741+/-0.043 χ^2/NDF : 1974341.3/21

In: 163.986+/-0.061 χ^2/NDF : 990361.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.741+/-0.043 χ^2/NDF : 1974341.3/21

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -526.657+/-846.229 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.204+/-836.812 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

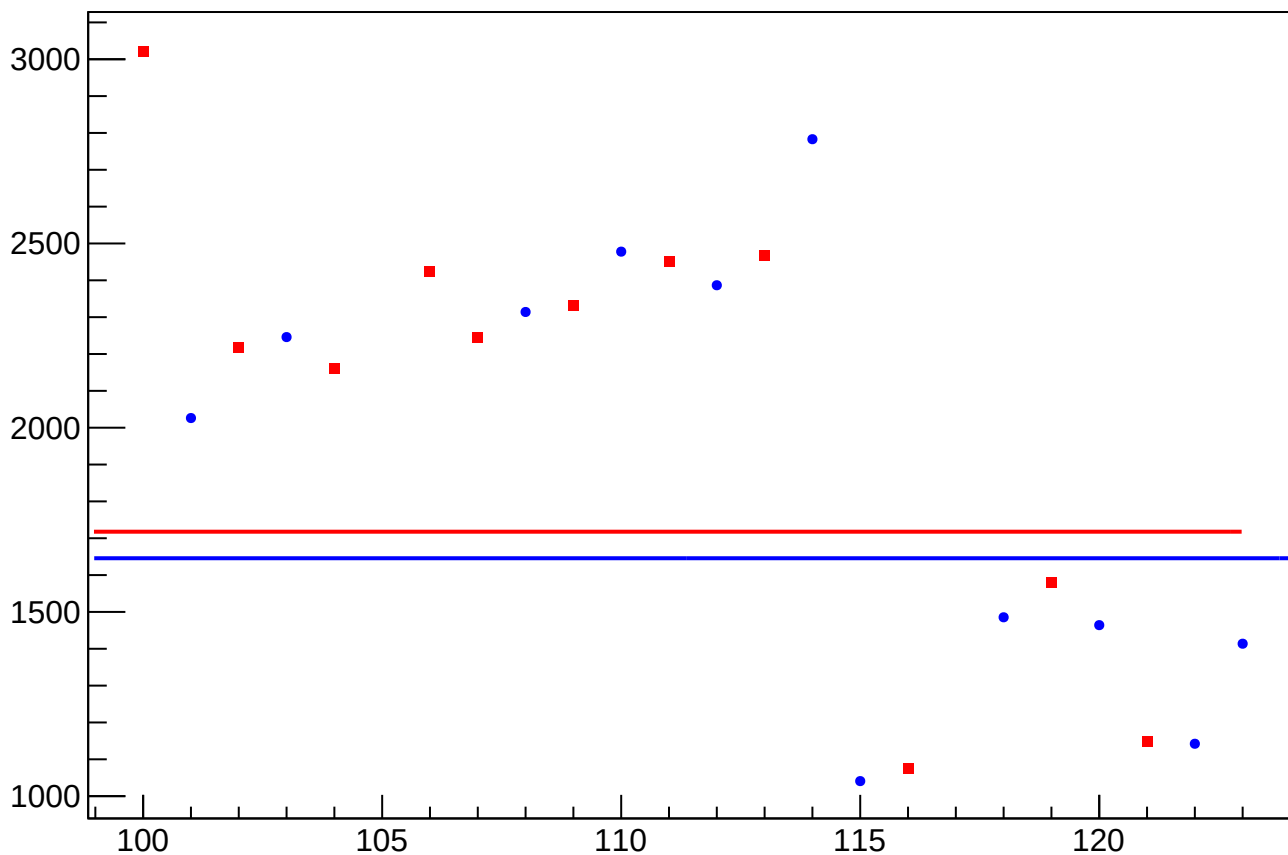
Right: 258.968+/-595.017 χ^2/NDF : 15.2/21

In: -526.657+/-846.229 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.968+/-595.017 χ^2/NDF : 15.2/21

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1645.708+/-0.598 χ^2/NDF : 704625.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.742+/-0.592 χ^2/NDF : 864572.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

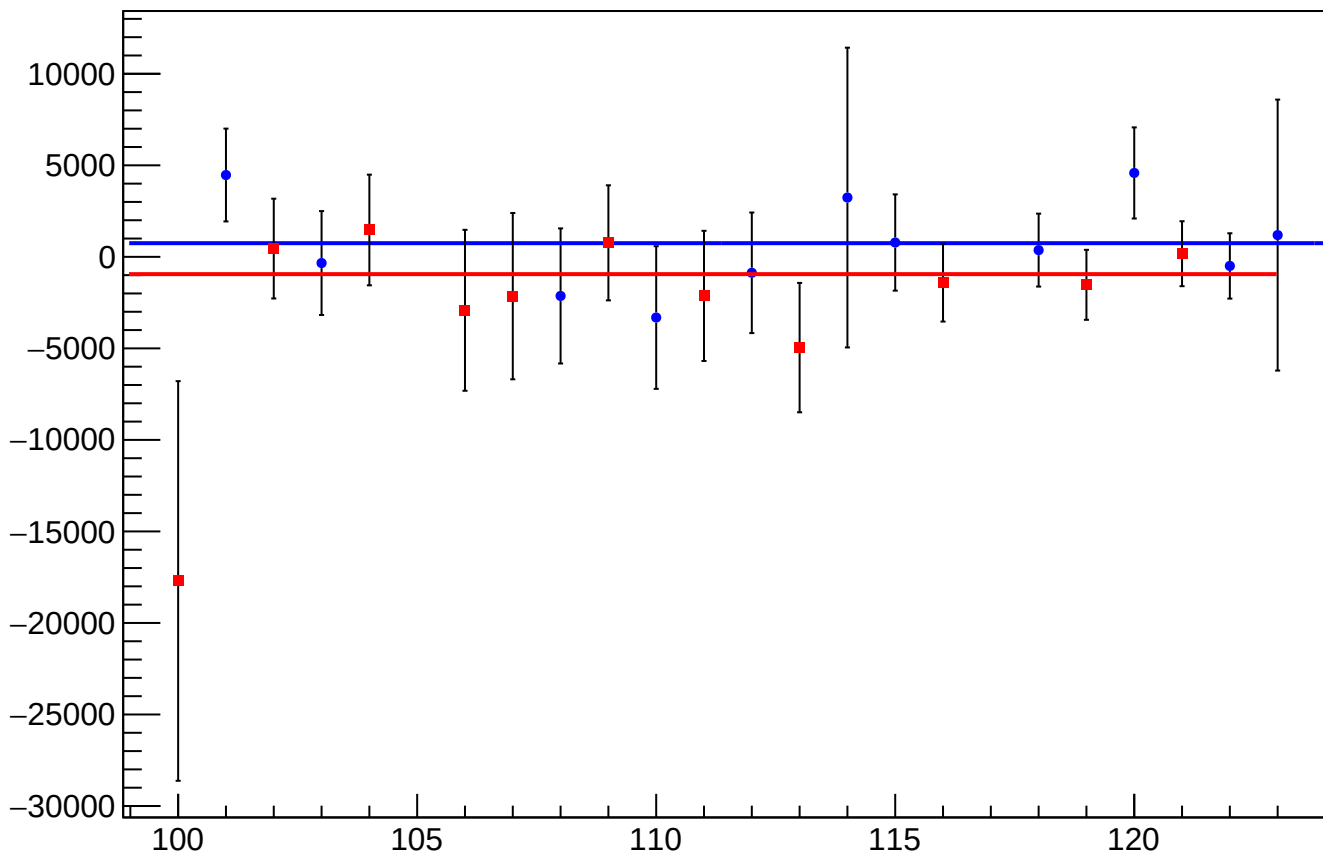
Right: 1682.128+/-0.421 χ^2/NDF : 1576525.6/21

In: 1645.708+/-0.598 χ^2/NDF : 704625.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1682.128+/-0.421 χ^2/NDF : 1576525.6/21

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 746.635+/-840.303 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -944.477+/-837.456 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

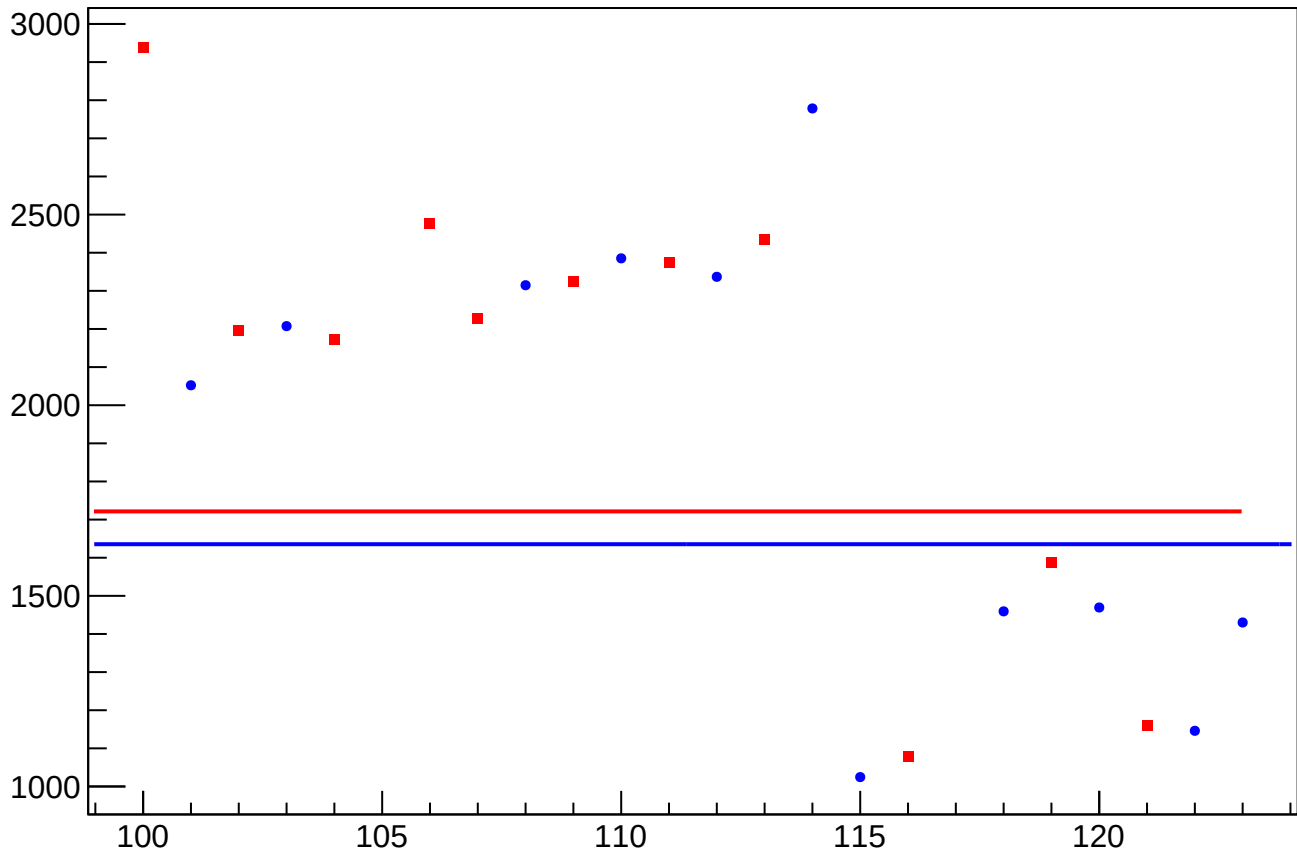
Right: -101.791+/-593.175 χ^2/NDF : 15.0/21

In: 746.635+/-840.303 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.791+/-593.175 χ^2/NDF : 15.0/21

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1635.467+/-0.594 χ^2/NDF : 691194.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.484+/-0.592 χ^2/NDF : 830321.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

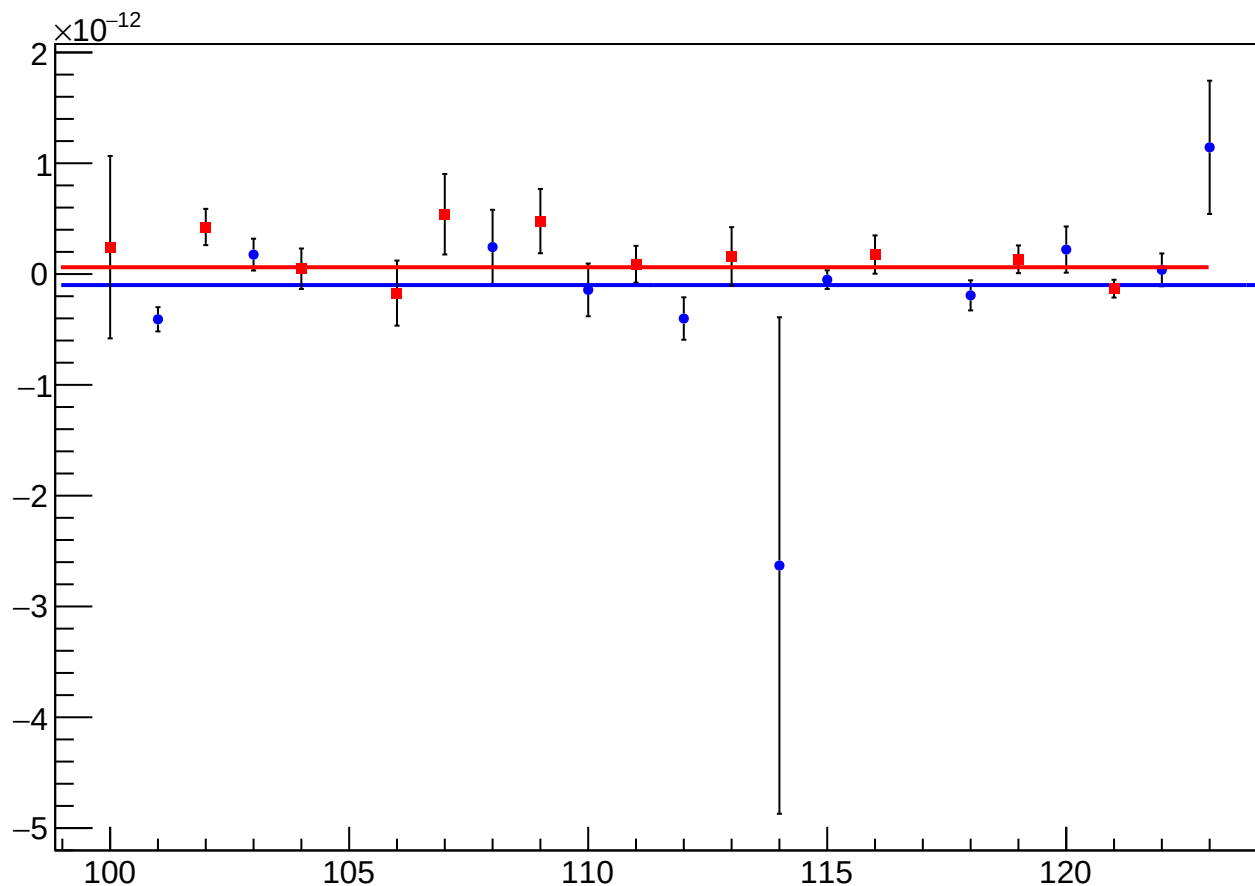
Right: 1678.622+/-0.419 χ^2/NDF : 1532030.4/21

In: 1635.467+/-0.594 χ^2/NDF : 691194.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1678.622+/-0.419 χ^2/NDF : 1532030.4/21

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 24.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 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

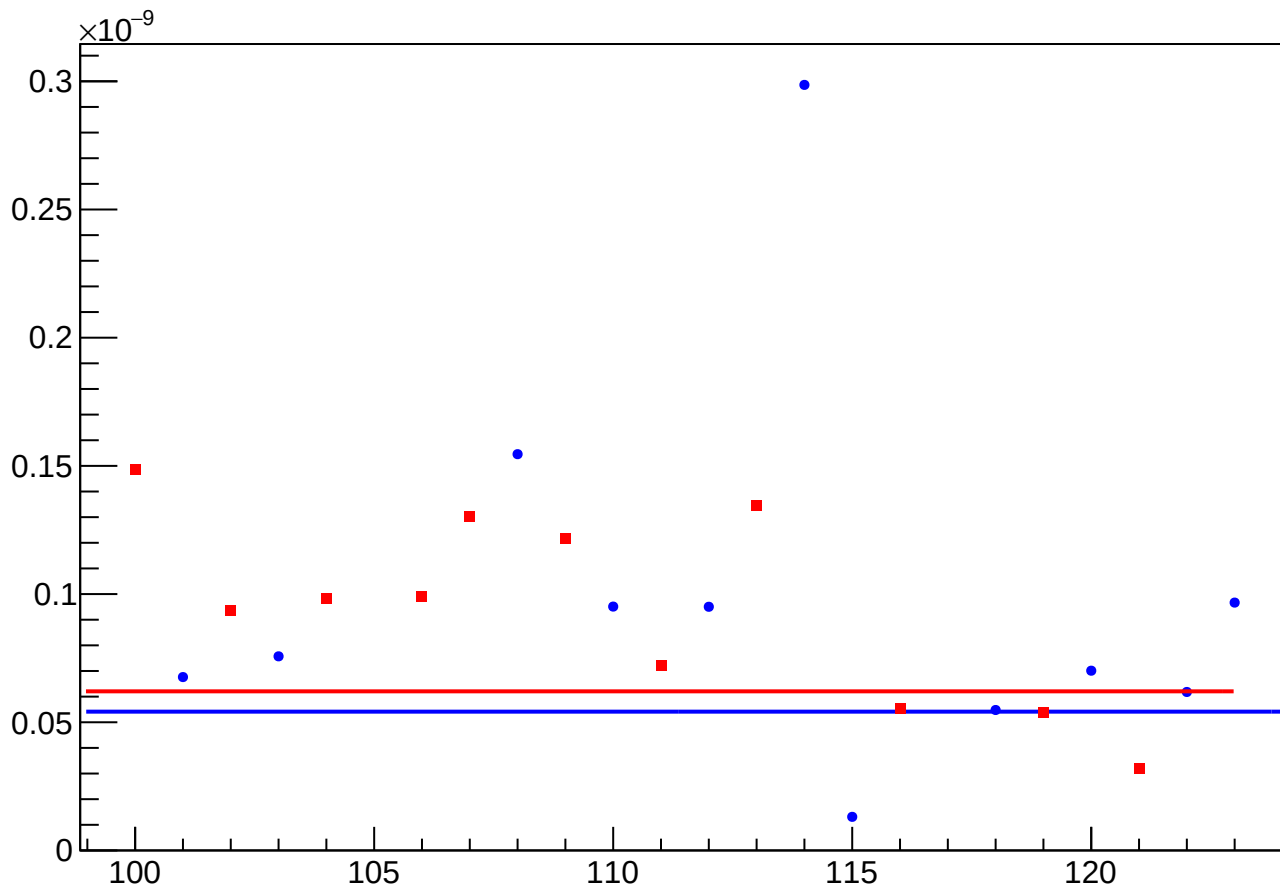
Right: -0.000+/-0.000 χ^2 /NDF: 46.5/21

In: -0.000+/-0.000 χ^2 /NDF:24.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 46.5/21

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 933580.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 814575.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

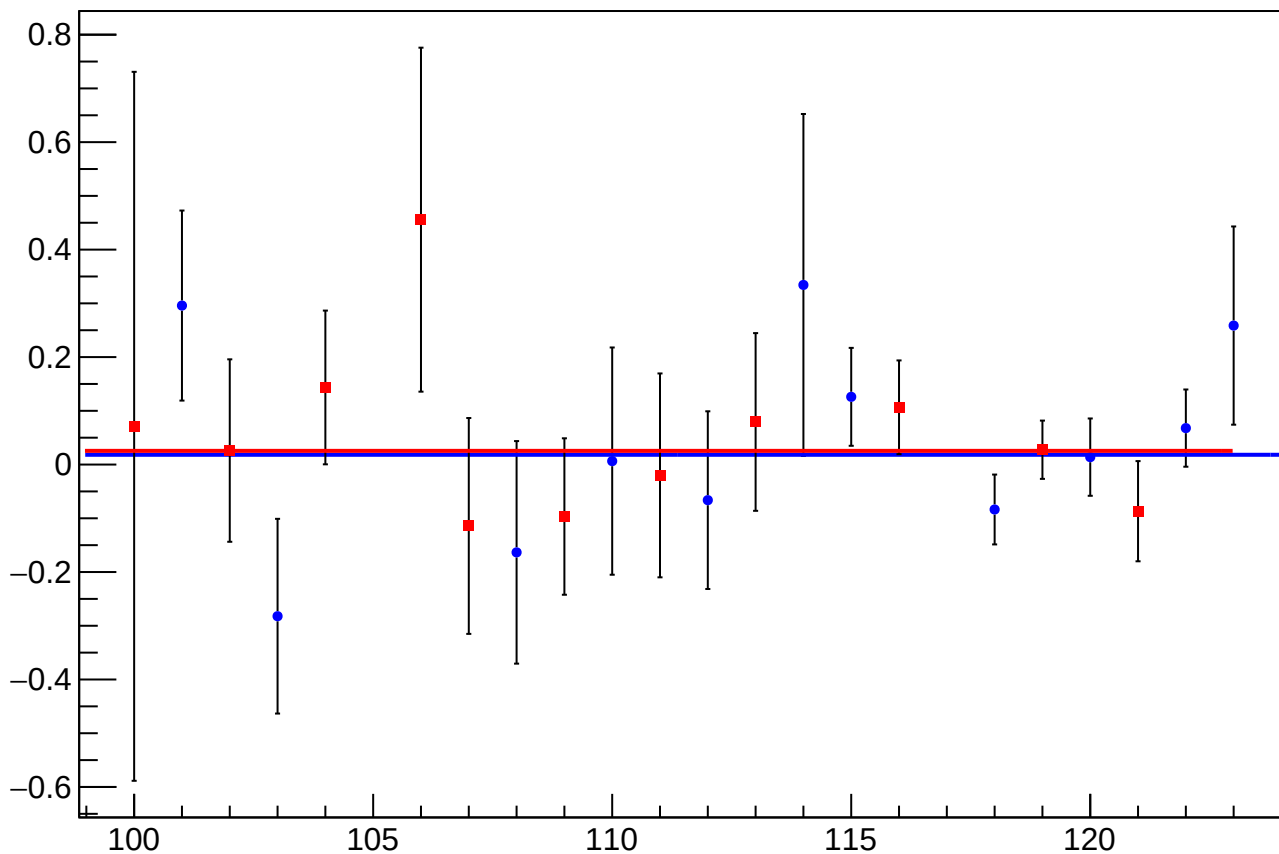
Right: 0.000+/-0.000 χ^2/NDF : 1774955.3/21

In: 0.000+/-0.000 χ^2/NDF : 933580.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1774955.3/21

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-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

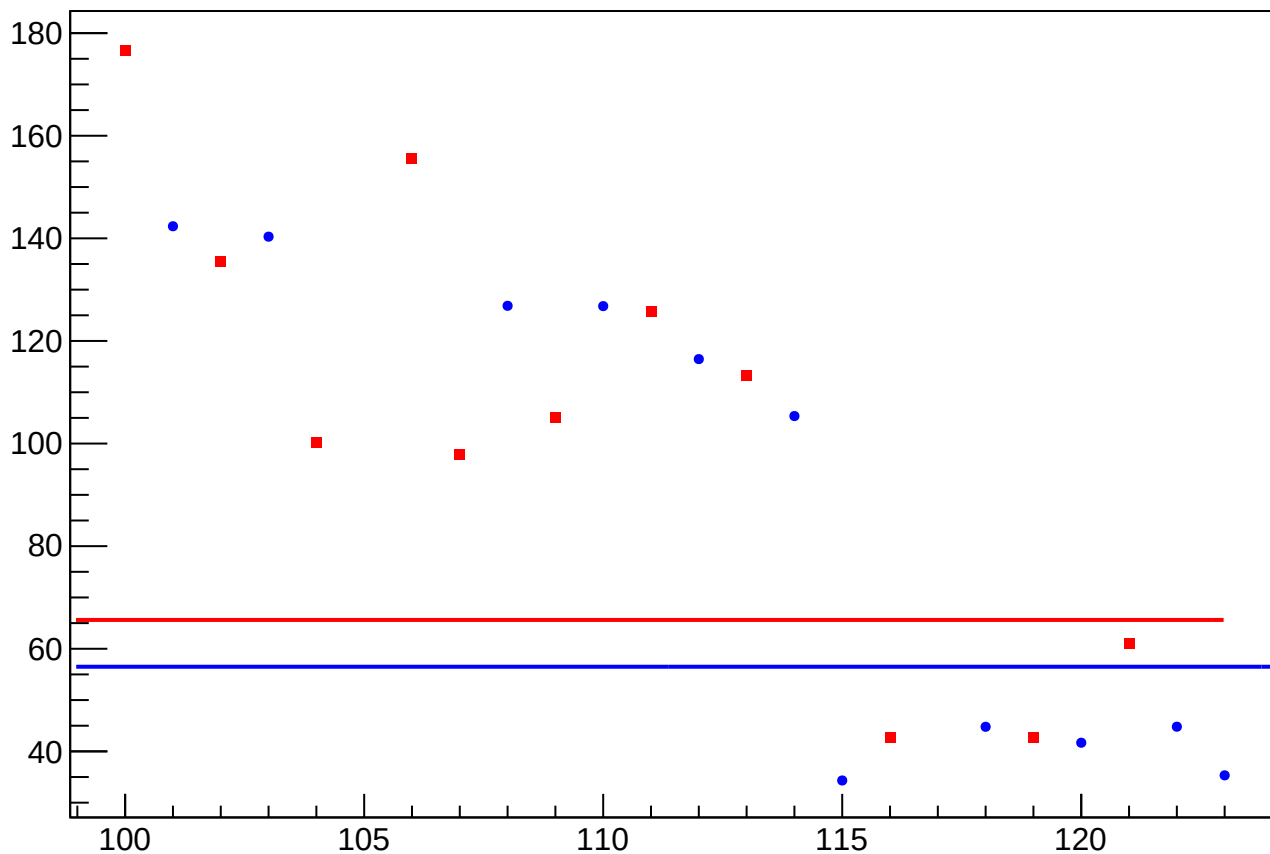
Right: 0.022+/-0.024 χ^2/NDF : 19.5/21

In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.024 χ^2/NDF : 19.5/21

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.498+/-0.023 χ^2/NDF : 2008951.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.618+/-0.025 χ^2/NDF : 1734352.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

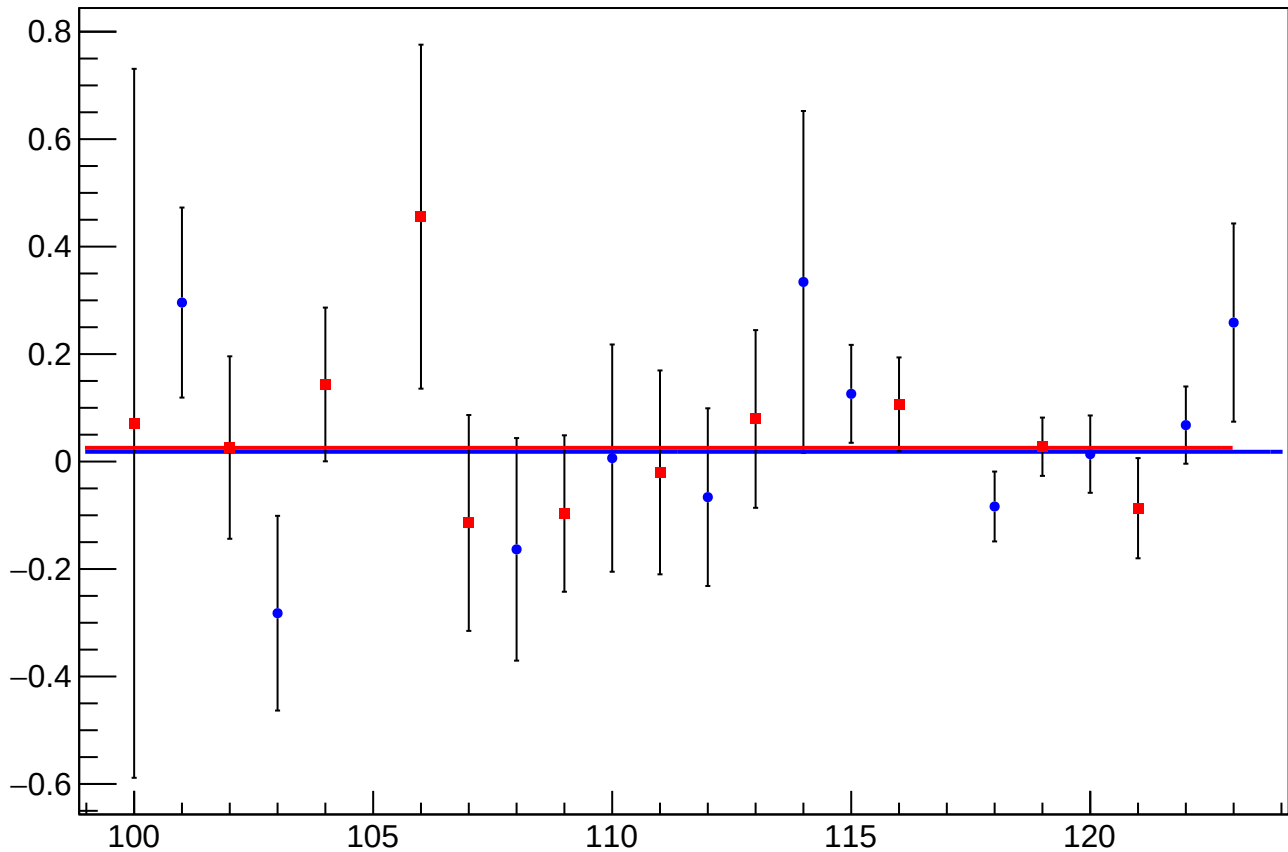
Right: 60.772+/-0.017 χ^2/NDF : 3815638.6/21

In: 56.498+/-0.023 χ^2/NDF : 2008951.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.772+/-0.017 χ^2/NDF : 3815638.6/21

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-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

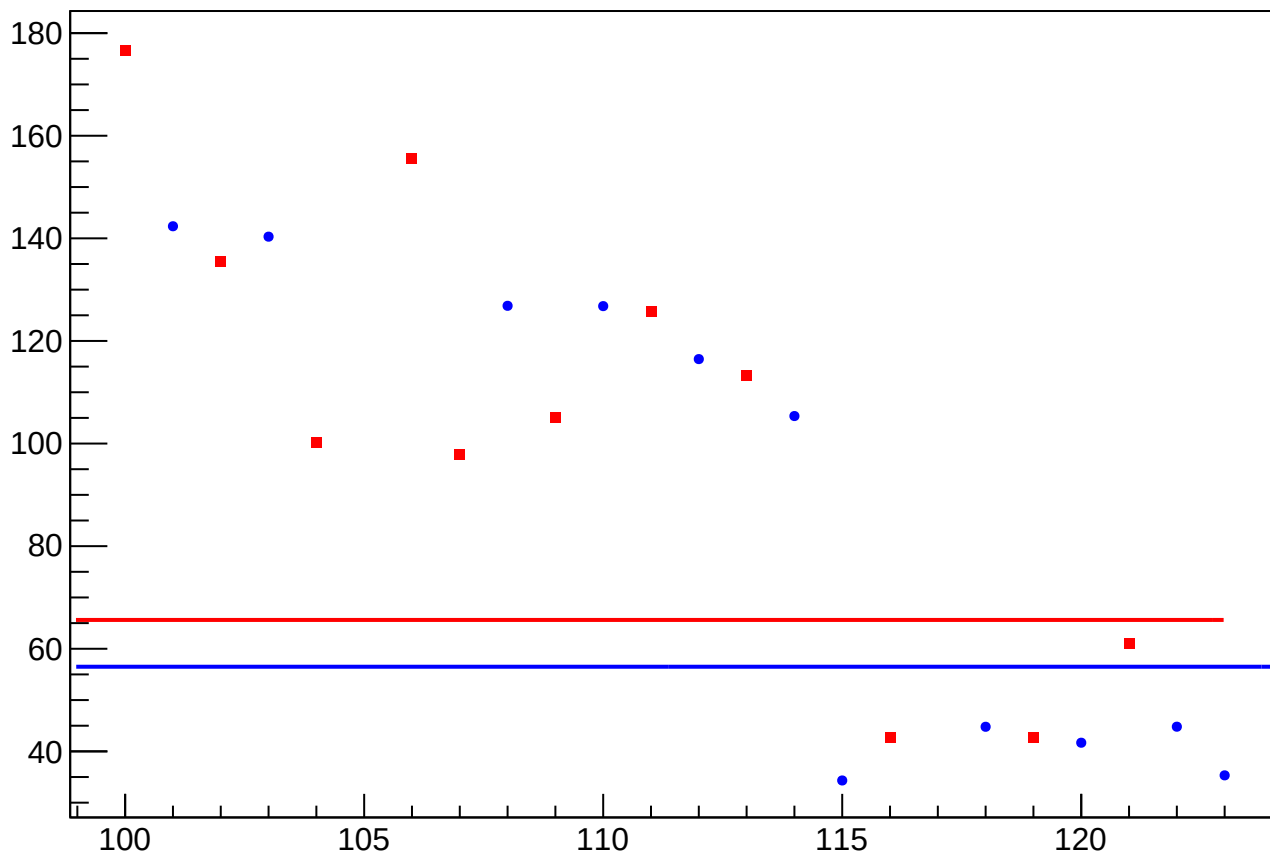
Right: 0.022+/-0.024 χ^2/NDF : 19.5/21

In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.024 χ^2/NDF : 19.5/21

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.498+/-0.023 χ^2/NDF : 2008951.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.618+/-0.025 χ^2/NDF : 1734352.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

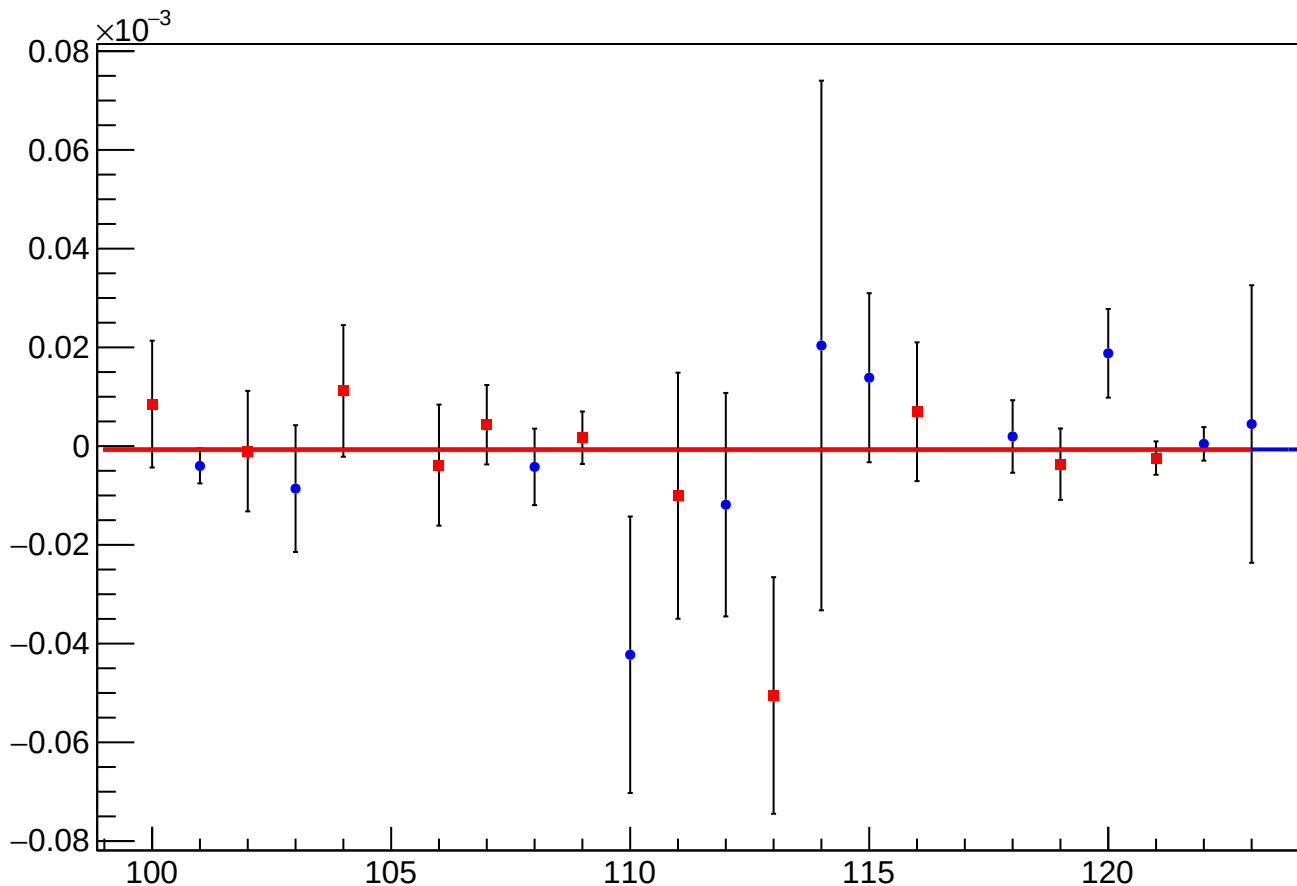
Right: 60.772+/-0.017 χ^2/NDF : 3815638.6/21

In: 56.498+/-0.023 χ^2/NDF : 2008951.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.772+/-0.017 χ^2/NDF : 3815638.6/21

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/10

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

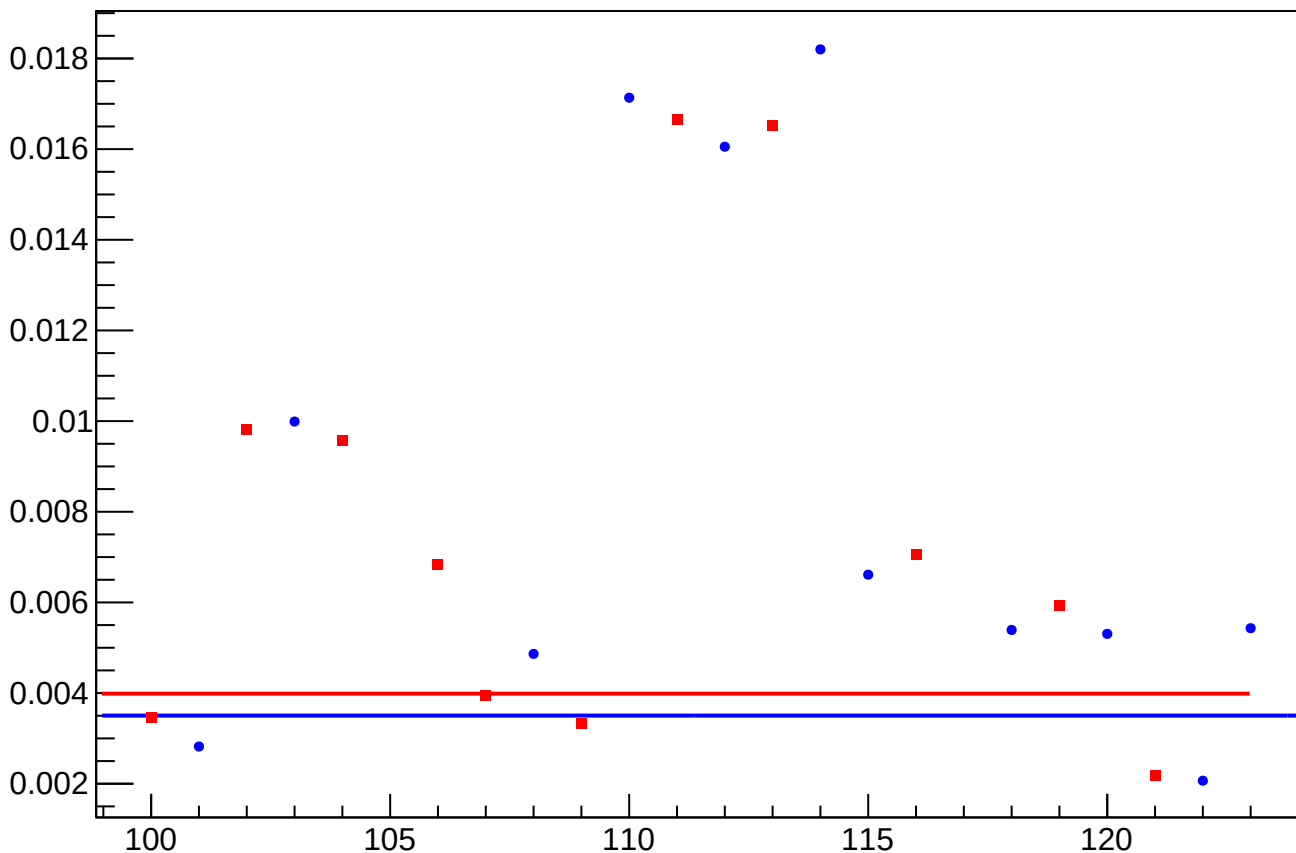
Right: -0.000+/-0.000 χ^2/NDF : 16.9/21

In: -0.000+/-0.000 χ^2/NDF :9.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/21

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2531981.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2821767.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

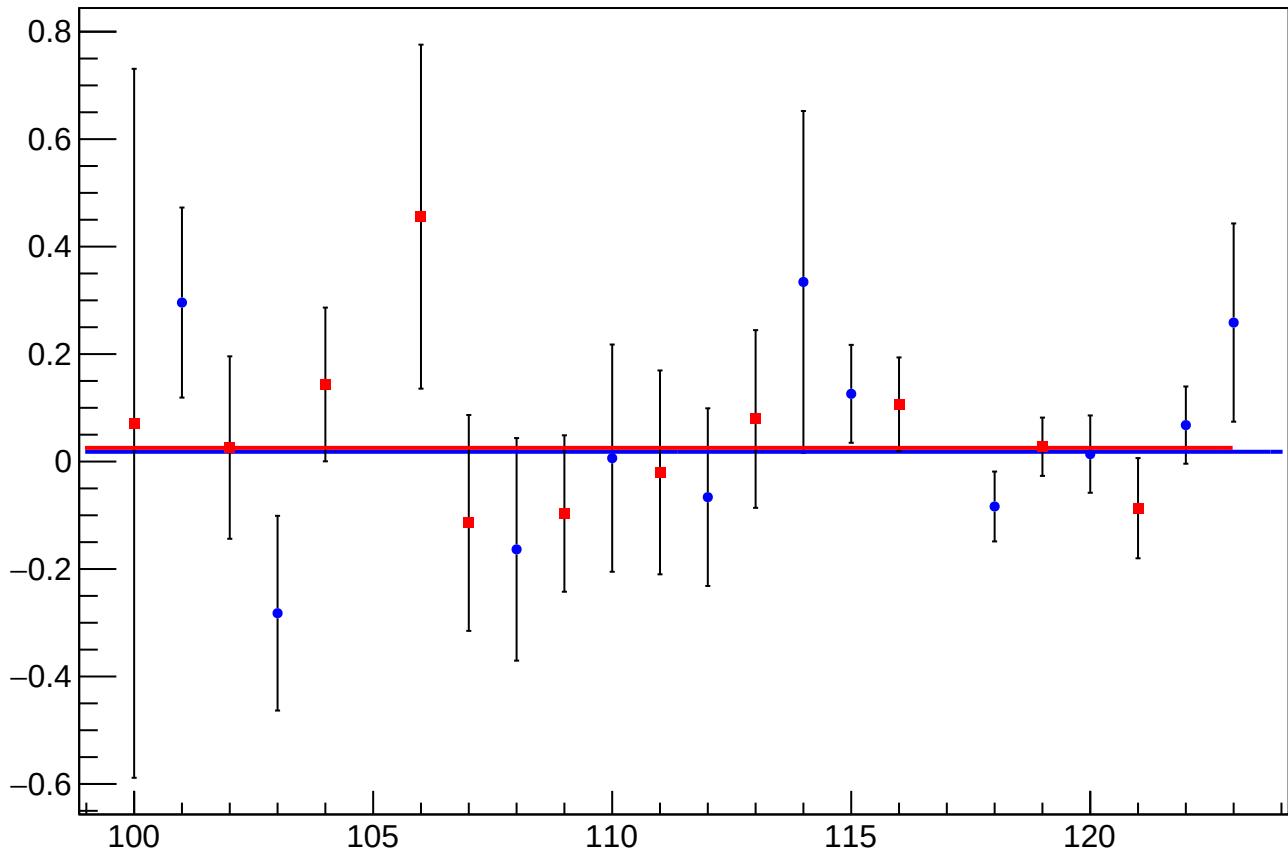
Right: 0.004+/-0.000 χ^2/NDF : 5402479.6/21

In: 0.004+/-0.000 χ^2/NDF : 2531981.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 5402479.6/21

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-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

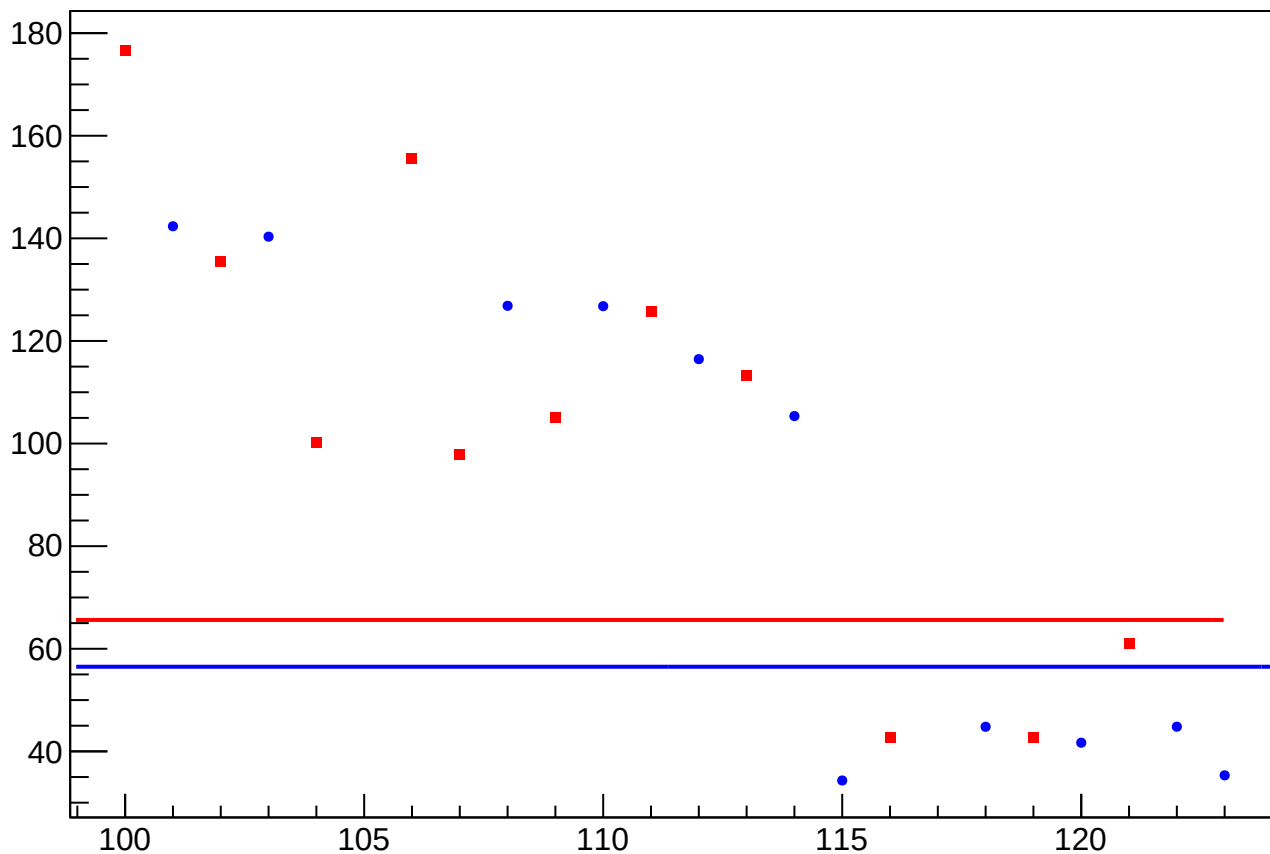
Right: 0.022+/-0.024 χ^2/NDF : 19.5/21

In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.024 χ^2/NDF : 19.5/21

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.499+/-0.023 χ^2/NDF : 2008844.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.618+/-0.025 χ^2/NDF : 1734256.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

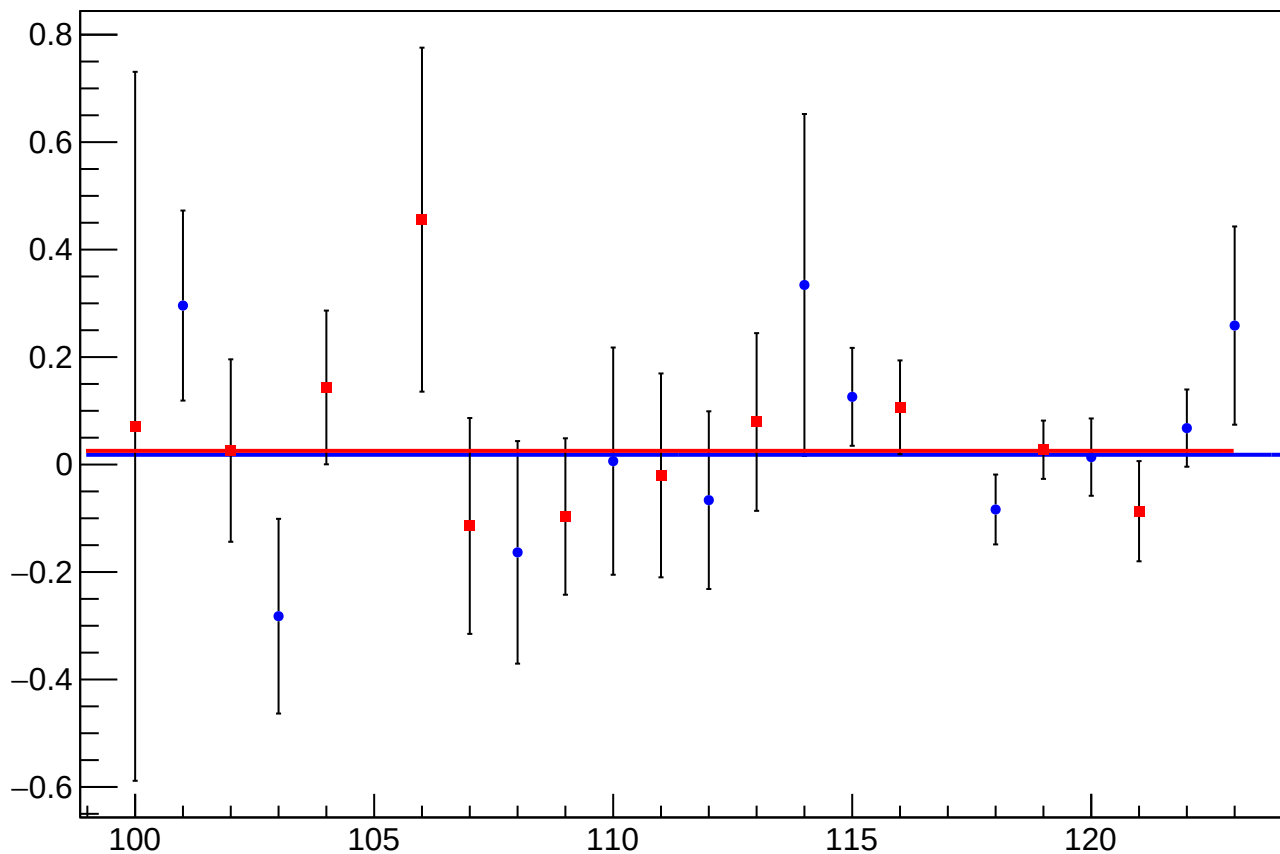
Right: 60.773+/-0.017 χ^2/NDF : 3815420.5/21

In: 56.499+/-0.023 χ^2/NDF : 2008844.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.773+/-0.017 χ^2/NDF : 3815420.5/21

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-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

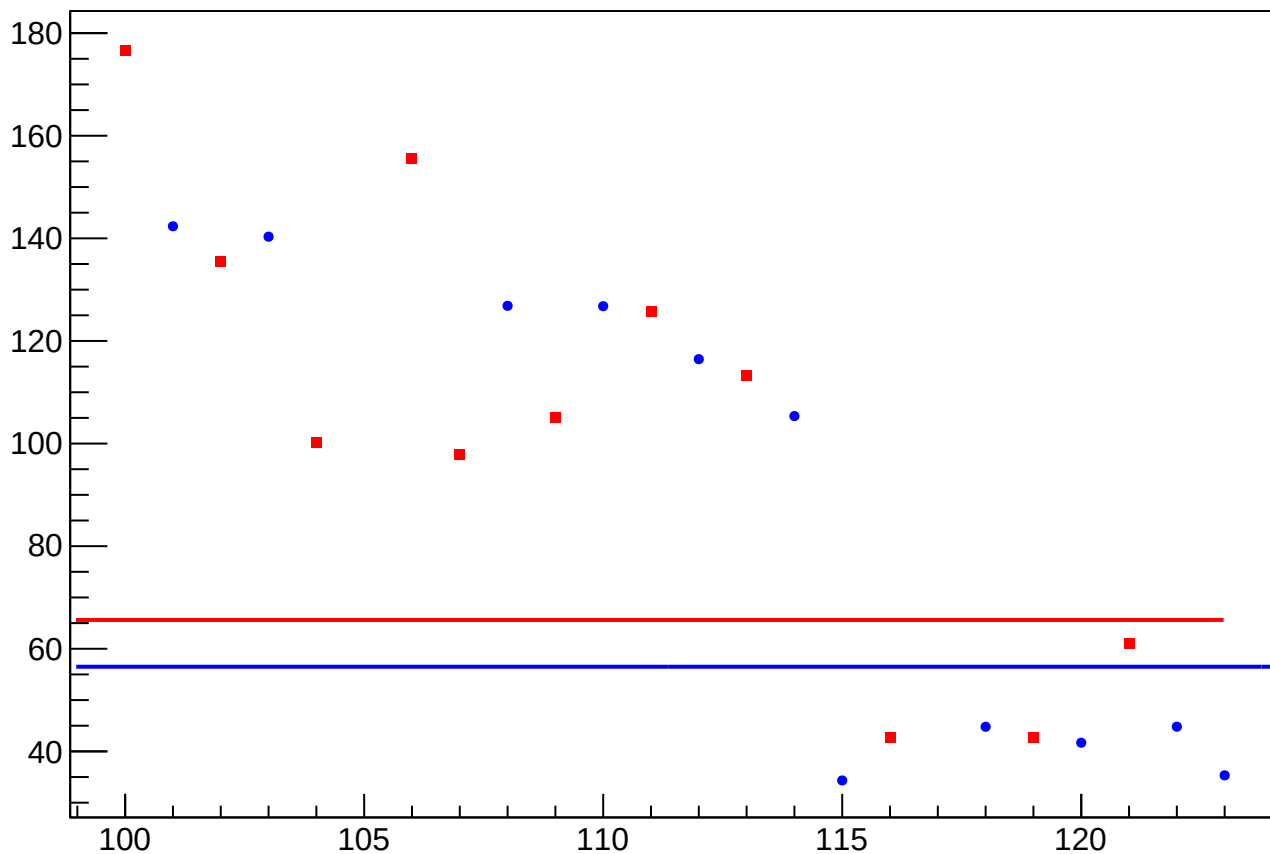
Right: 0.022+/-0.024 χ^2/NDF : 19.5/21

In: 0.018+/-0.033 χ^2/NDF : 13.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.024 χ^2/NDF : 19.5/21

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.499+/-0.023 χ^2/NDF : 2008844.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.618+/-0.025 χ^2/NDF : 1734256.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

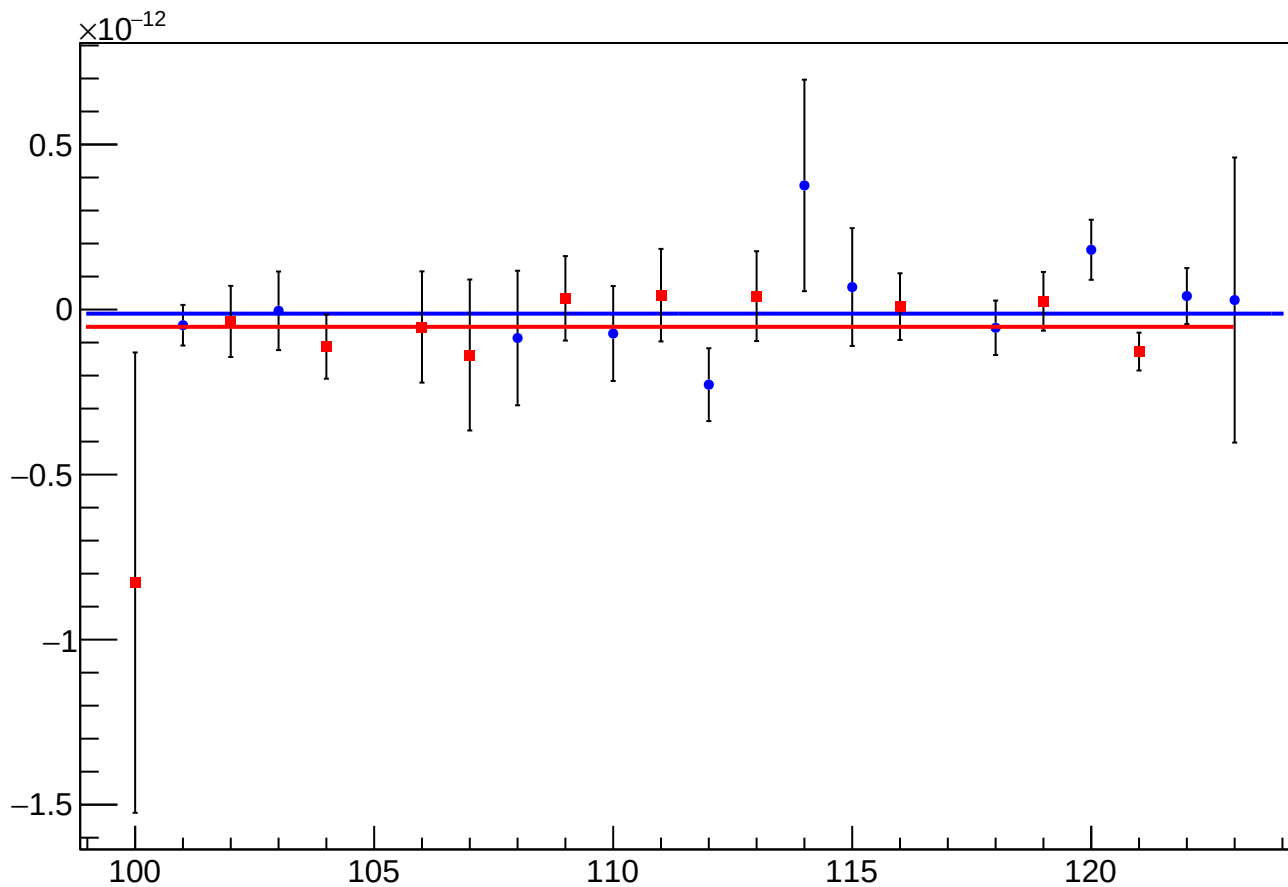
Right: 60.773+/-0.017 χ^2/NDF : 3815420.5/21

In: 56.499+/-0.023 χ^2/NDF : 2008844.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.773+/-0.017 χ^2/NDF : 3815420.5/21

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 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

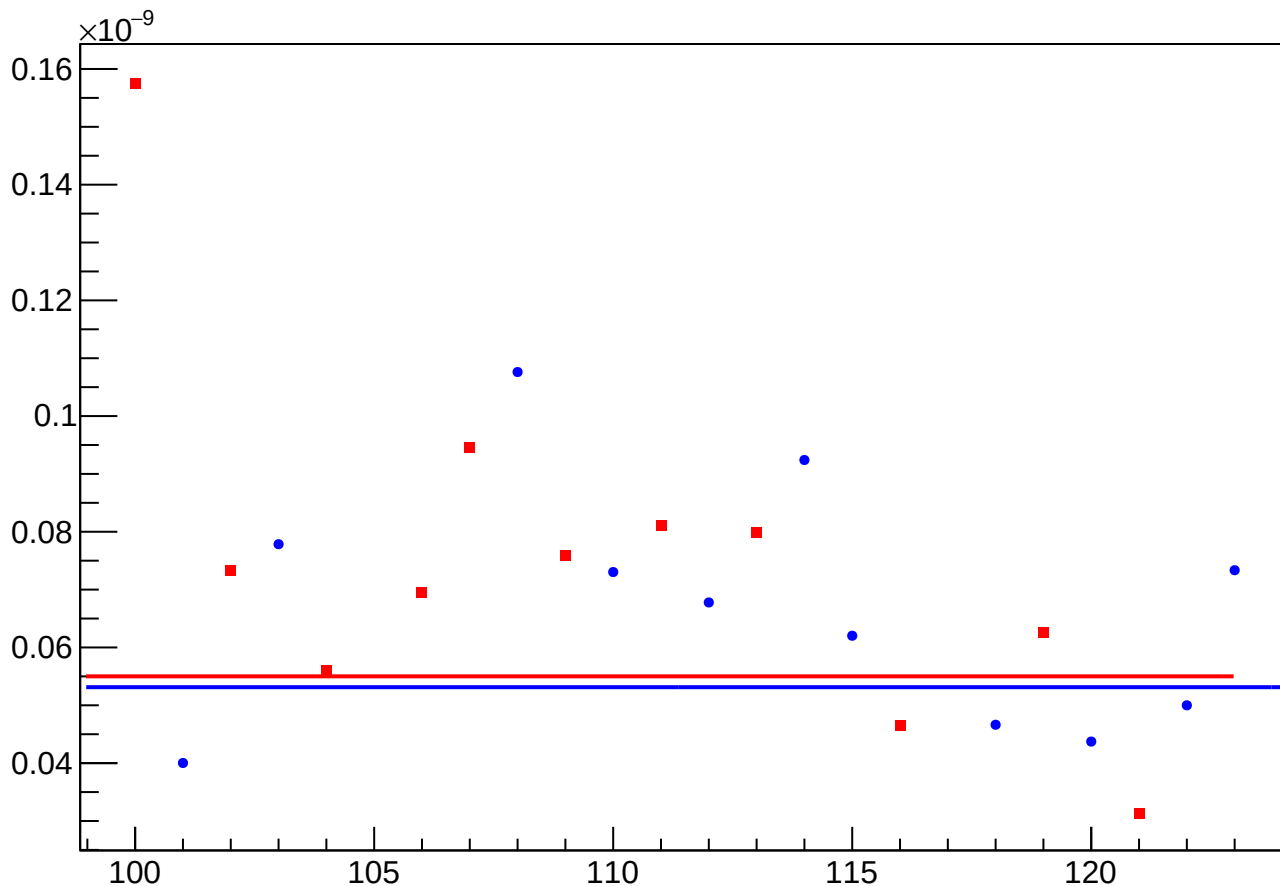
Right: -0.000+/-0.000 χ^2 /NDF: 18.1/21

In: -0.000+/-0.000 χ^2 /NDF:11.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.1/21

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 469297.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 735161.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

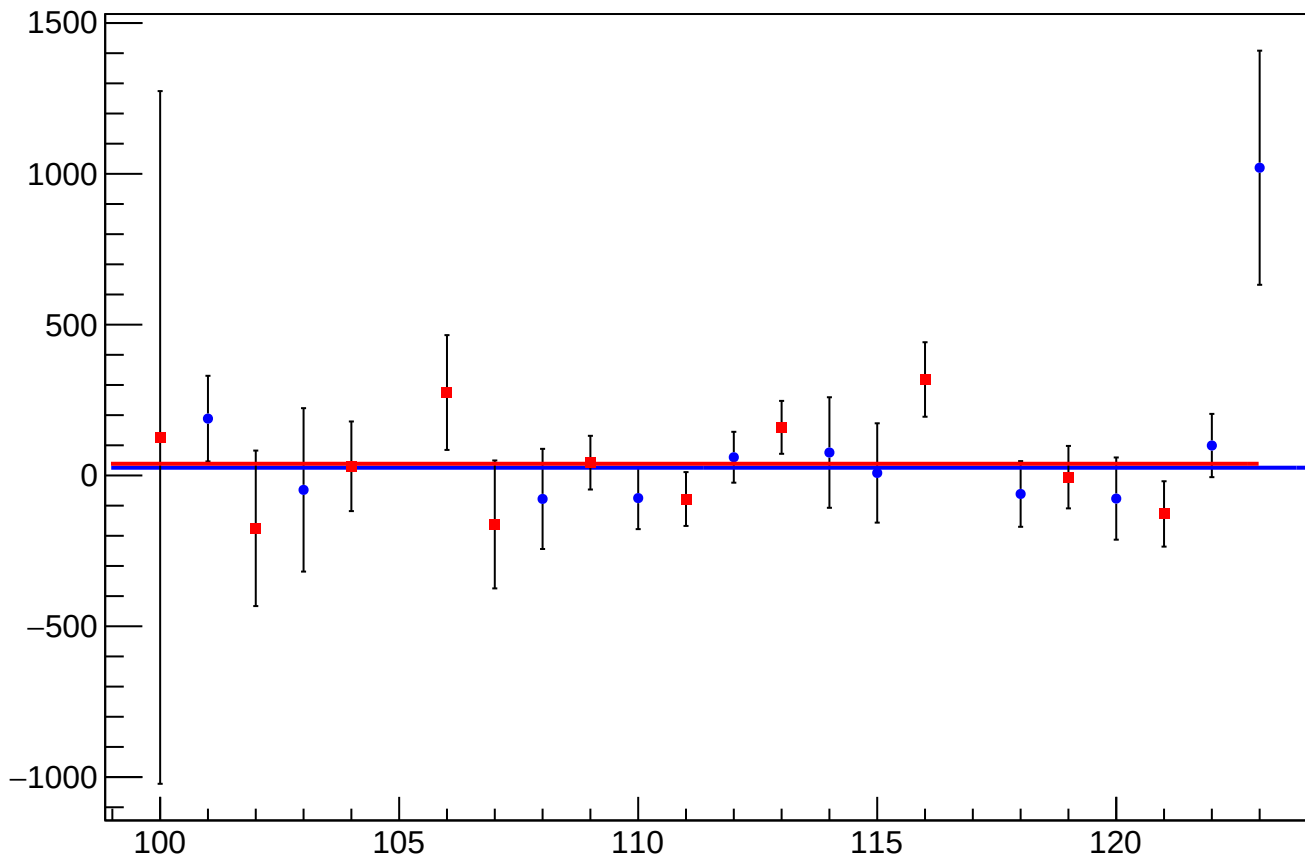
Right: 0.000+/-0.000 χ^2/NDF : 1207778.5/21

In: 0.000+/-0.000 χ^2/NDF : 469297.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1207778.5/21

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 25.704+/-39.621 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.807+/-36.845 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

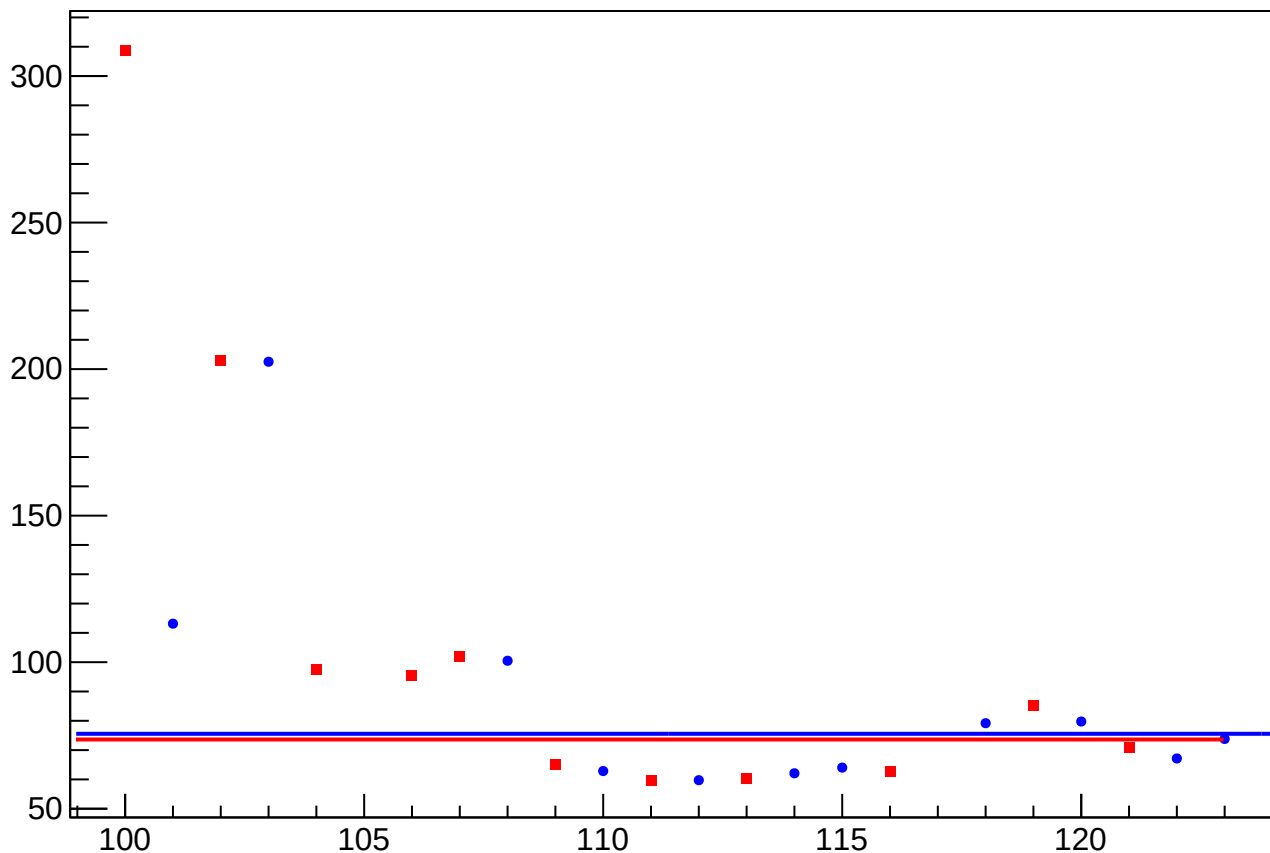
Right: 32.731+/-26.982 χ^2/NDF : 25.7/21

In: 25.704+/-39.621 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.731+/-26.982 χ^2/NDF : 25.7/21

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.566+/-0.028 χ^2/NDF : 763024.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.626+/-0.026 χ^2/NDF : 853549.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

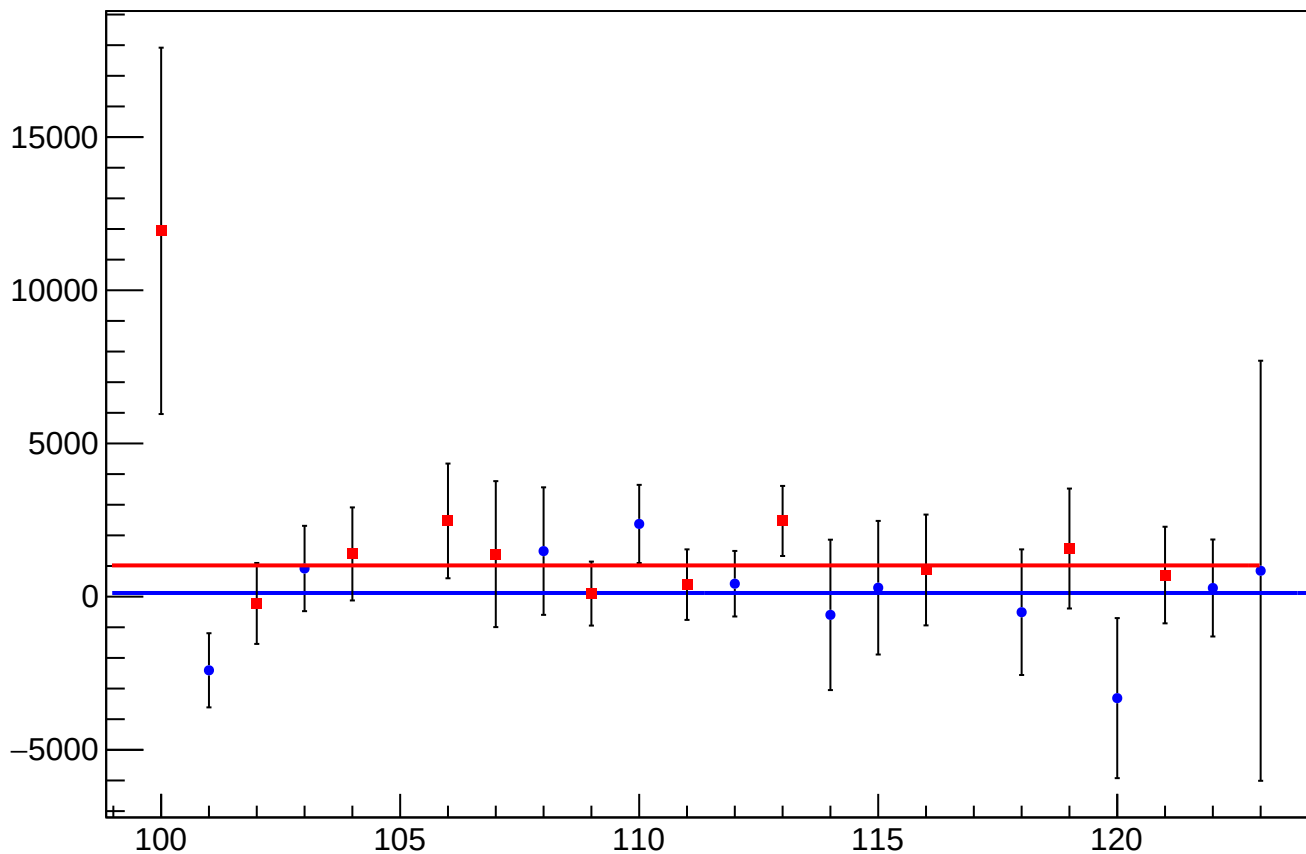
Right: 74.525+/-0.019 χ^2/NDF : 1619143.4/21

In: 75.566+/-0.028 χ^2/NDF : 763024.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.525+/-0.019 χ^2/NDF : 1619143.4/21

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 119.805+/-493.943 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.591+/-451.662 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

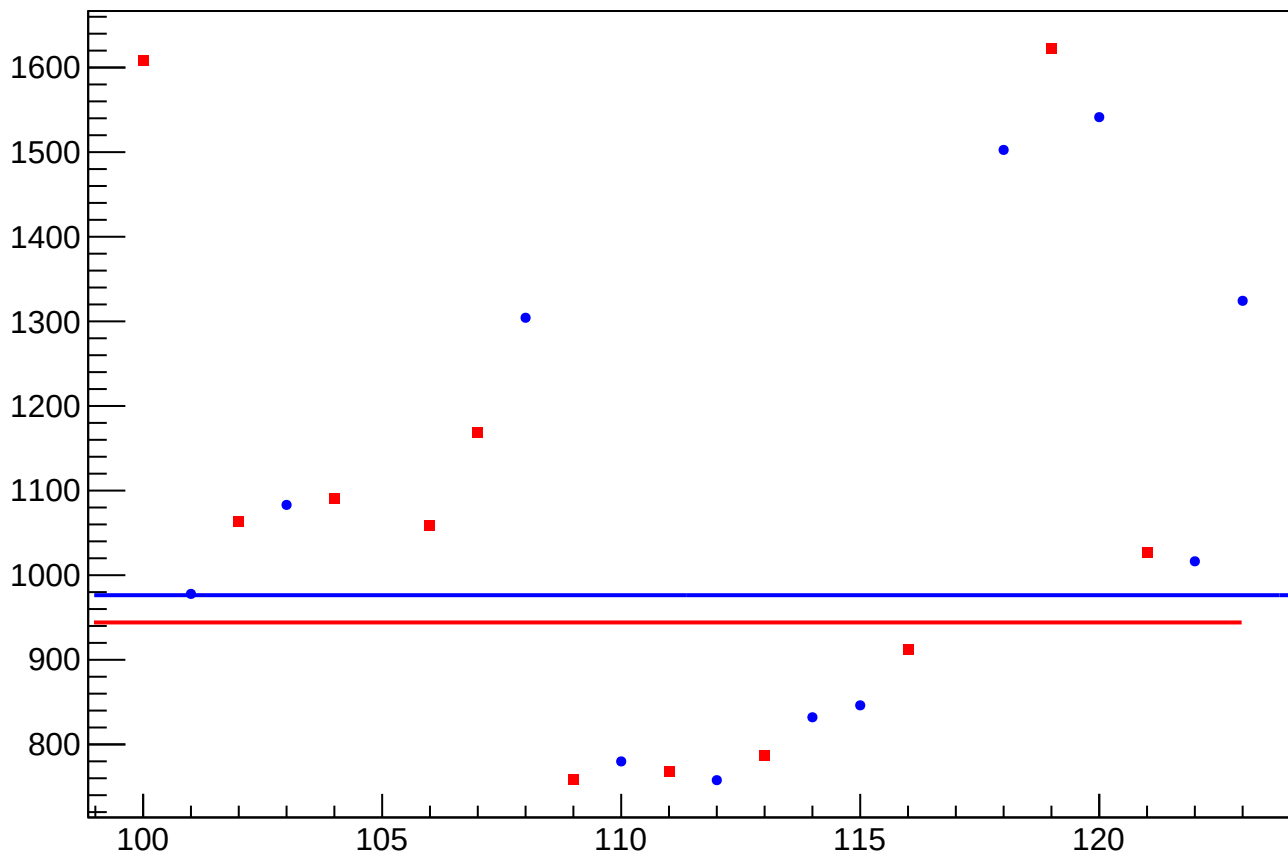
Right: 609.850+/-333.321 χ^2/NDF : 19.8/21

In: 119.805+/-493.943 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.850+/-333.321 χ^2/NDF : 19.8/21

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 976.376+/-0.349 χ^2/NDF : 438156.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.146+/-0.319 χ^2/NDF : 479009.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

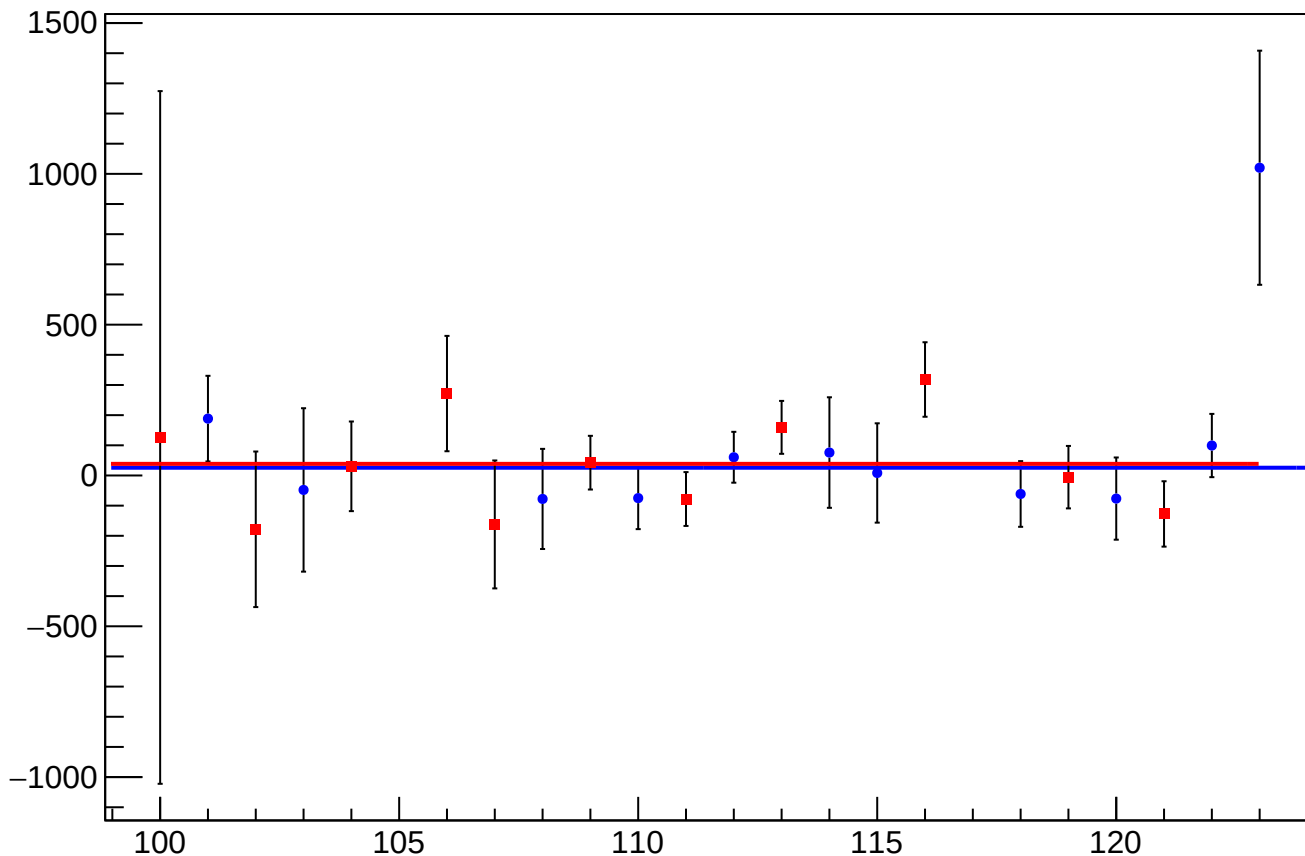
Right: 958.823+/-0.236 χ^2/NDF : 921803.0/21

In: 976.376+/-0.349 χ^2/NDF : 438156.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.823+/-0.236 χ^2/NDF : 921803.0/21

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 25.694+/-39.621 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.528+/-36.852 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

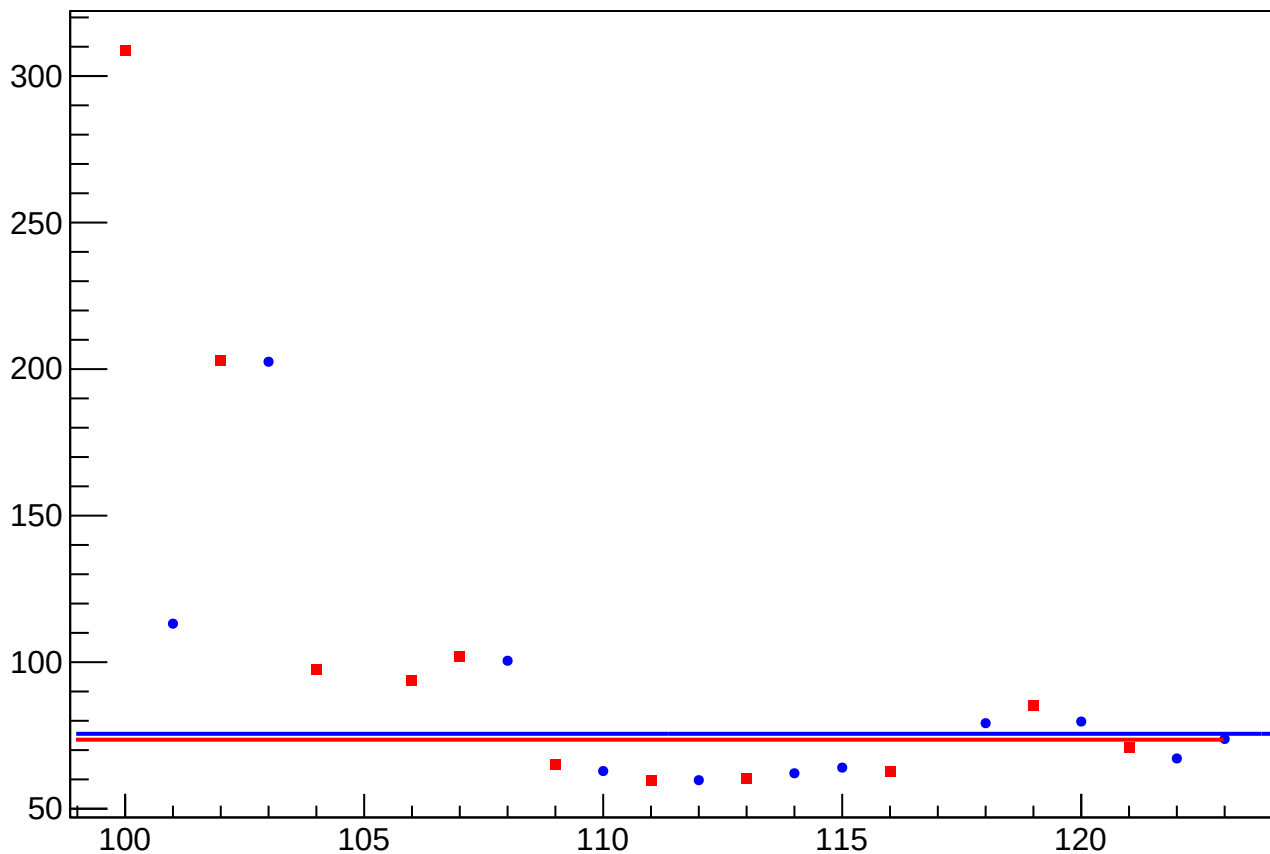
Right: 32.575+/-26.984 χ^2/NDF : 25.7/21

In: 25.694+/-39.621 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.575+/-26.984 χ^2/NDF : 25.7/21

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.566+/-0.028 χ^2/NDF : 763026.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.555+/-0.026 χ^2/NDF : 849631.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

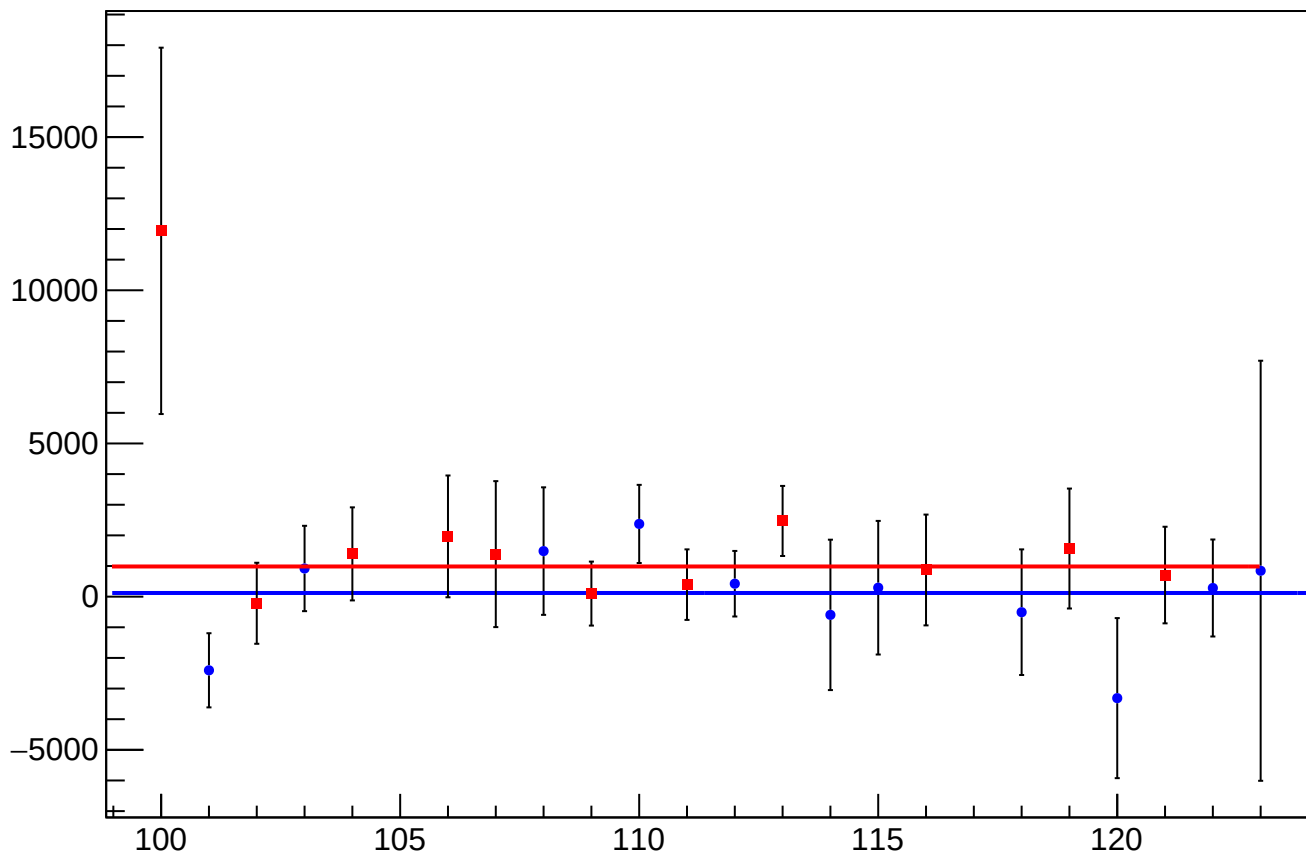
Right: 74.487+/-0.019 χ^2/NDF : 1615419.1/21

In: 75.566+/-0.028 χ^2/NDF : 763026.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.487+/-0.019 χ^2/NDF : 1615419.1/21

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 119.838 $\pm$ 493.949 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 984.735 $\pm$ 453.204 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

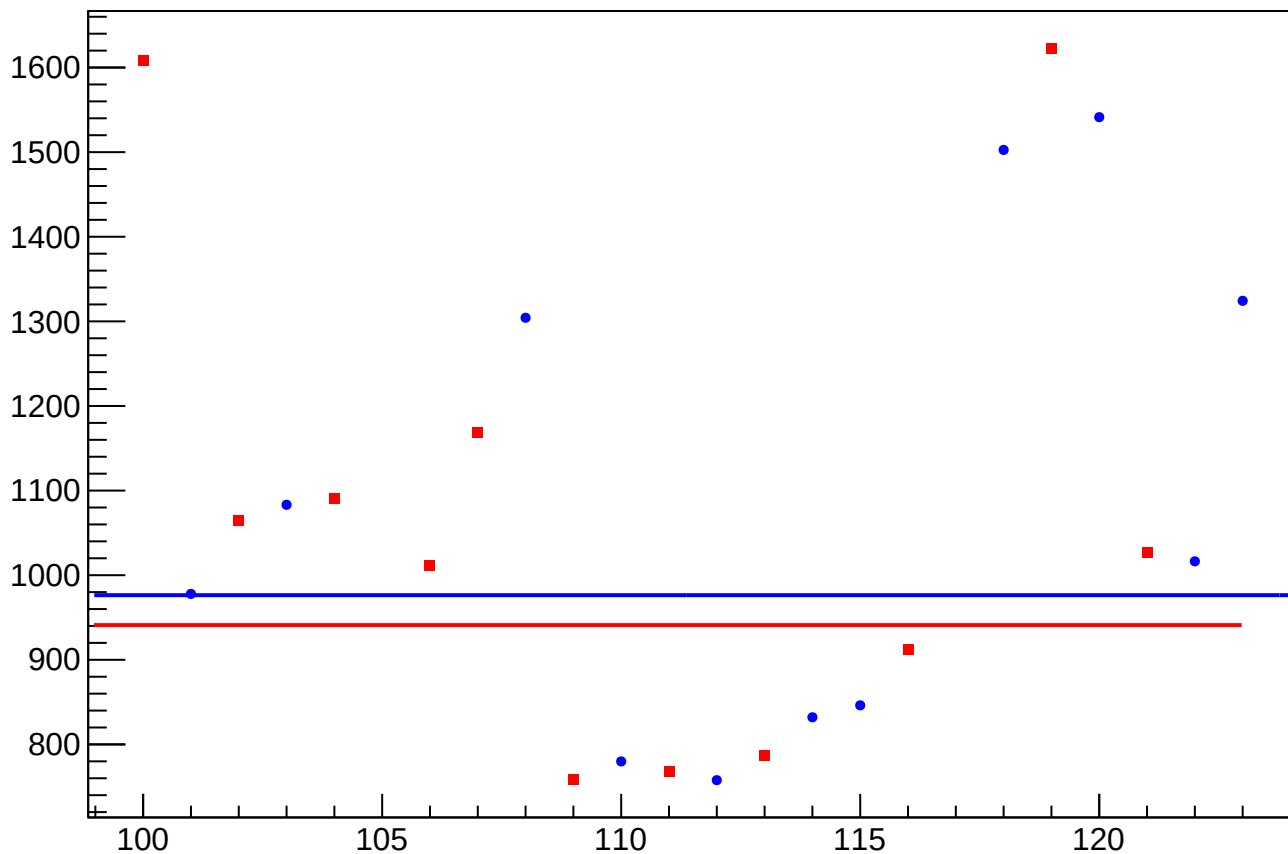
Right: 589.425 $\pm$ 333.941 χ^2 /NDF: 19.2/21

In: 119.838 $\pm$ 493.949 χ^2 /NDF: 10.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 589.425 $\pm$ 333.941 χ^2 /NDF: 19.2/21

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 976.387+/-0.349 χ^2/NDF : 438178.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 941.000+/-0.320 χ^2/NDF : 473912.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

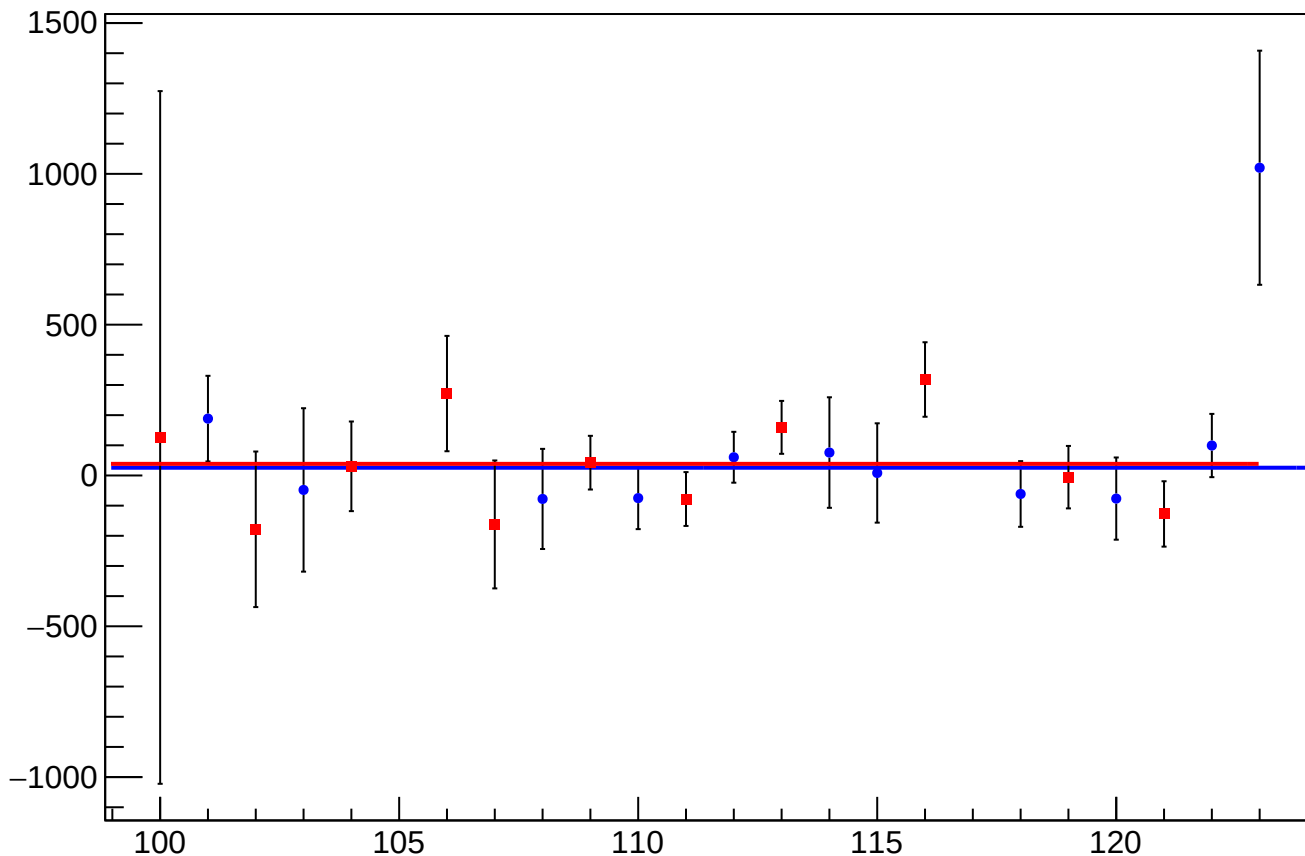
Right: 957.174+/-0.236 χ^2/NDF : 917663.9/21

In: 976.387+/-0.349 χ^2/NDF : 438178.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.174+/-0.236 χ^2/NDF : 917663.9/21

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 25.694+/-39.621 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.528+/-36.852 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

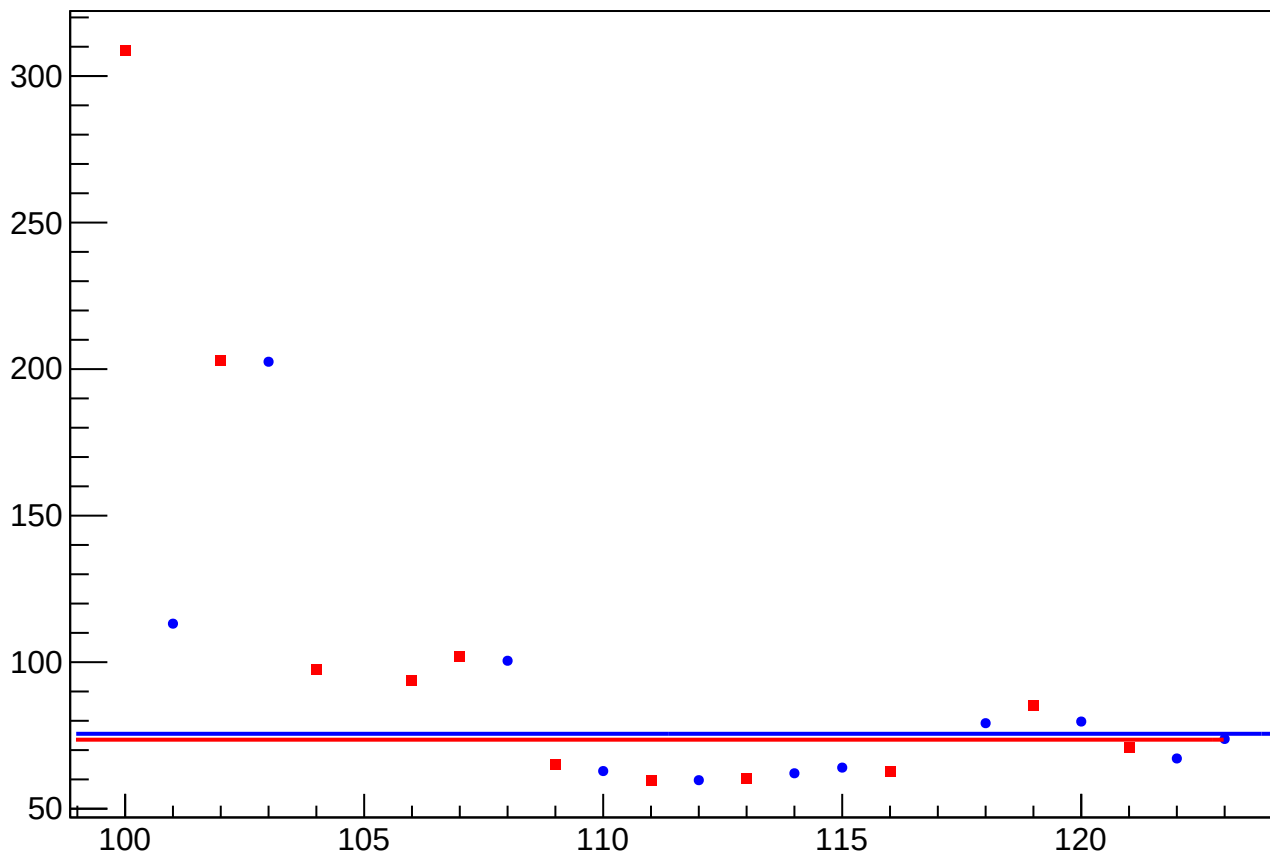
Right: 32.575+/-26.984 χ^2/NDF : 25.7/21

In: 25.694+/-39.621 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.575+/-26.984 χ^2/NDF : 25.7/21

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.566+/-0.028 χ^2/NDF : 763026.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.555+/-0.026 χ^2/NDF : 849631.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

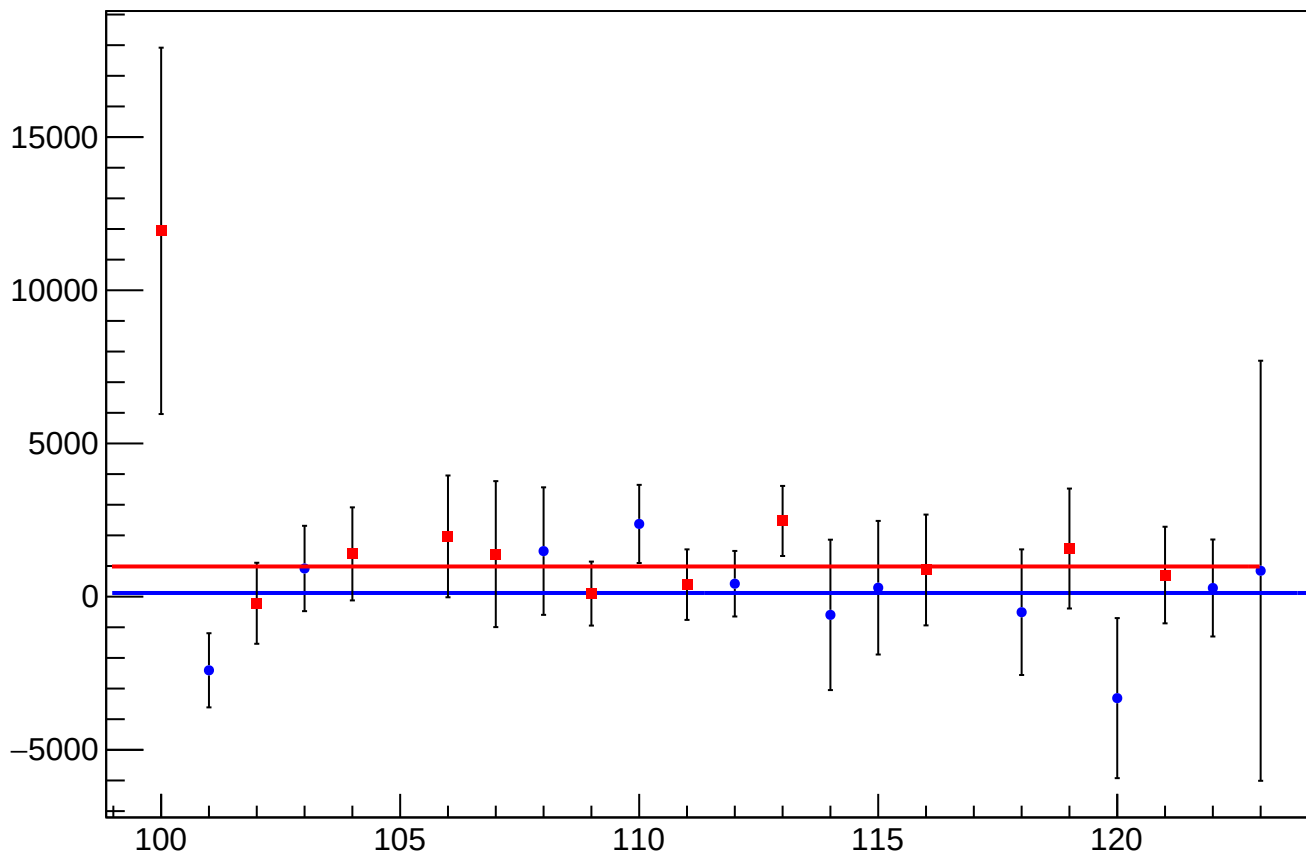
Right: 74.487+/-0.019 χ^2/NDF : 1615419.1/21

In: 75.566+/-0.028 χ^2/NDF : 763026.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.487+/-0.019 χ^2/NDF : 1615419.1/21

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 119.838+/-493.949 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.735+/-453.204 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

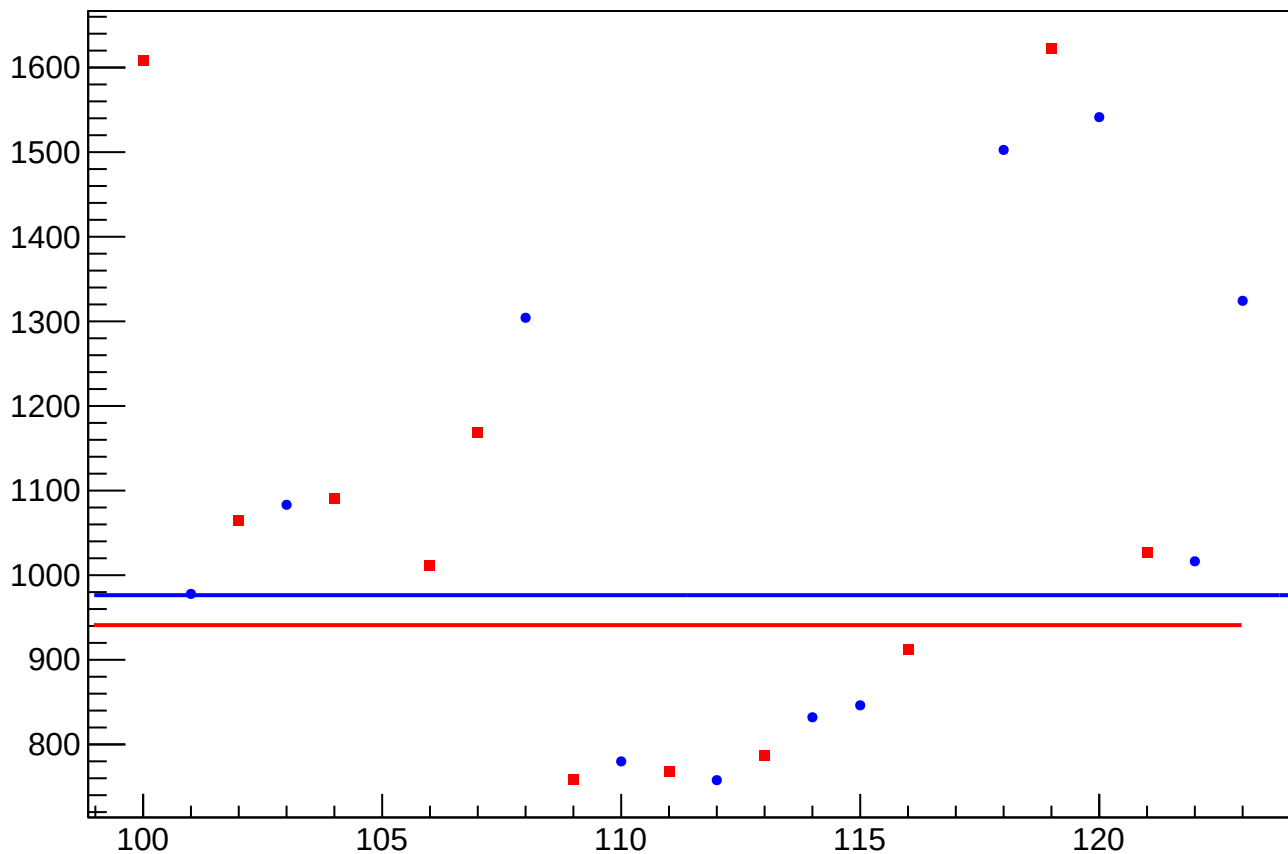
Right: 589.425+/-333.941 χ^2/NDF : 19.2/21

In: 119.838+/-493.949 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.425+/-333.941 χ^2/NDF : 19.2/21

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 976.387+/-0.349 χ^2/NDF : 438178.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 941.000+/-0.320 χ^2/NDF : 473912.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

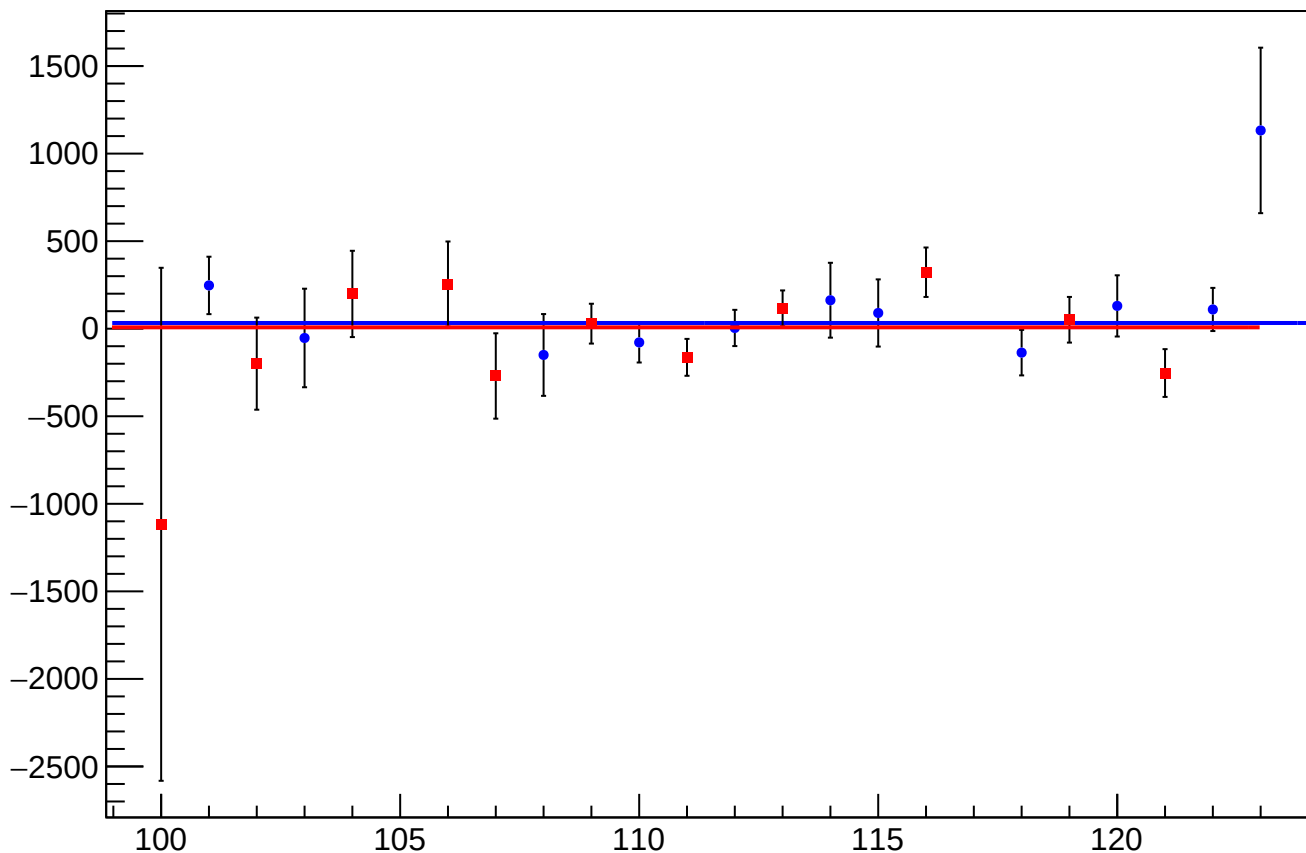
Right: 957.174+/-0.236 χ^2/NDF : 917663.9/21

In: 976.387+/-0.349 χ^2/NDF : 438178.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.174+/-0.236 χ^2/NDF : 917663.9/21

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 32.713+/-47.201 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.805+/-45.139 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

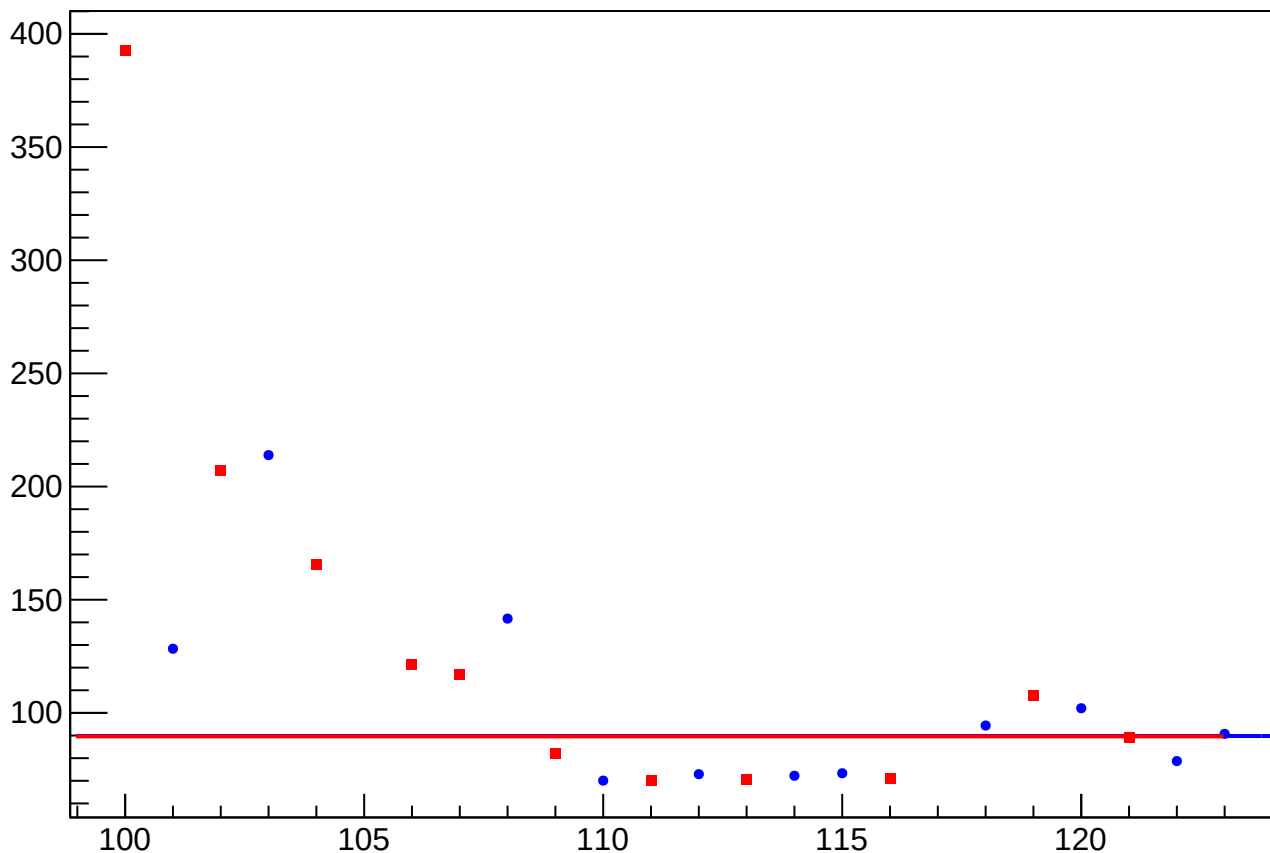
Right: 19.703+/-32.623 χ^2/NDF : 28.5/21

In: 32.713+/-47.201 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.703+/-32.623 χ^2/NDF : 28.5/21

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.789+/-0.033 χ^2/NDF : 767084.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.618+/-0.032 χ^2/NDF : 955005.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

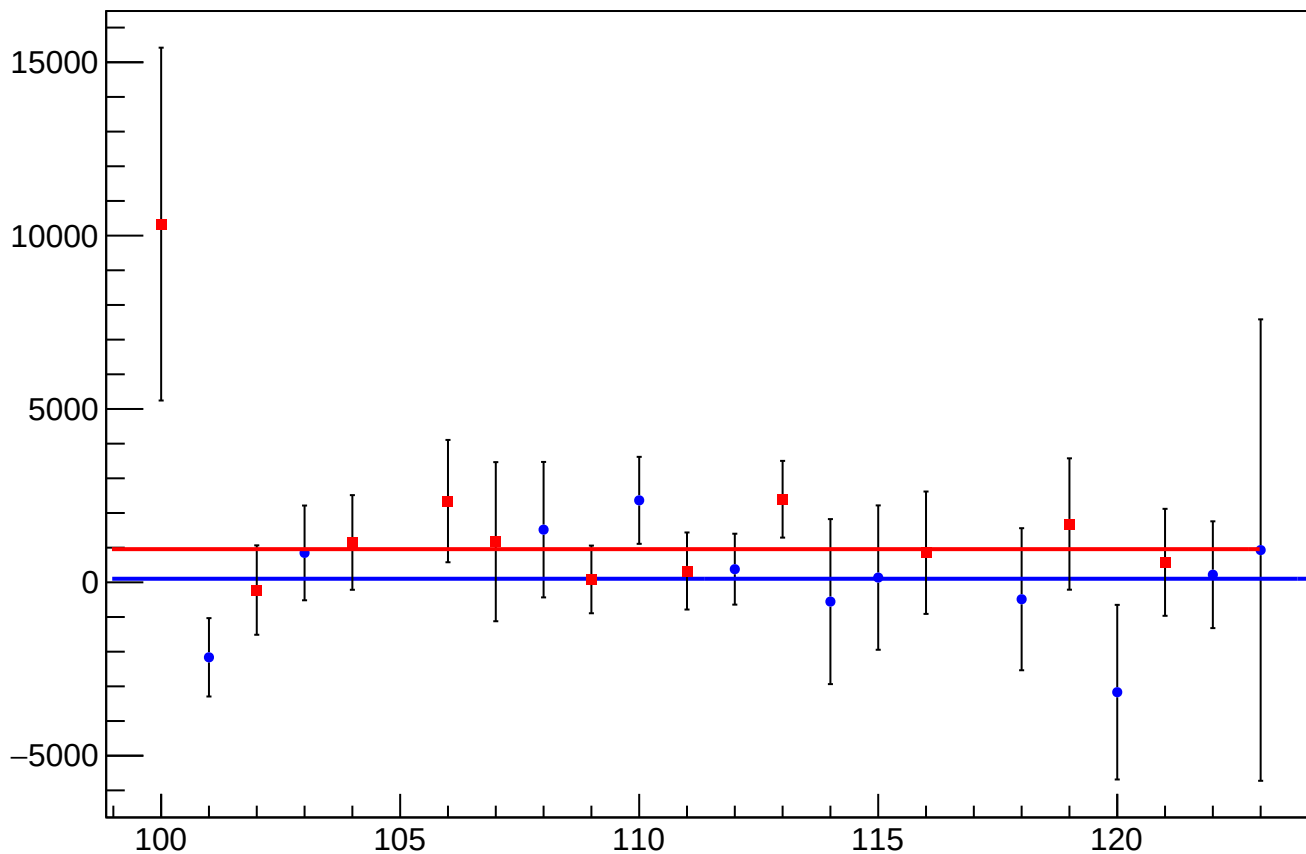
Right: 89.700+/-0.023 χ^2/NDF : 1722103.1/21

In: 89.789+/-0.033 χ^2/NDF : 767084.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.700+/-0.023 χ^2/NDF : 1722103.1/21

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 103.410 $\pm$ 475.664 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 957.257 $\pm$ 430.954 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

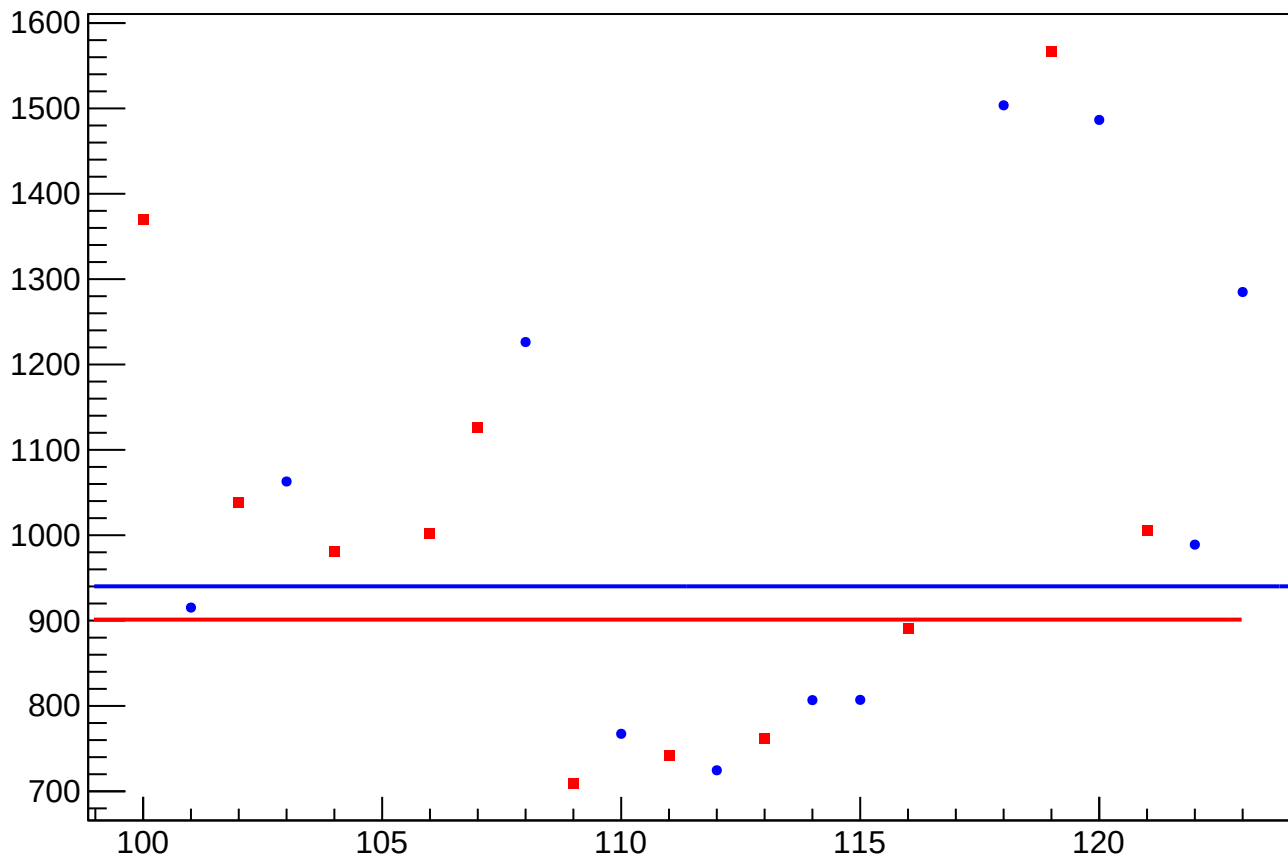
Right: 572.339 $\pm$ 319.370 χ^2 /NDF: 19.7/21

In: 103.410 $\pm$ 475.664 χ^2 /NDF:10.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 572.339 $\pm$ 319.370 χ^2 /NDF: 19.7/21

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 940.125+/-0.336 χ^2/NDF : 454102.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 901.139+/-0.305 χ^2/NDF : 477865.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

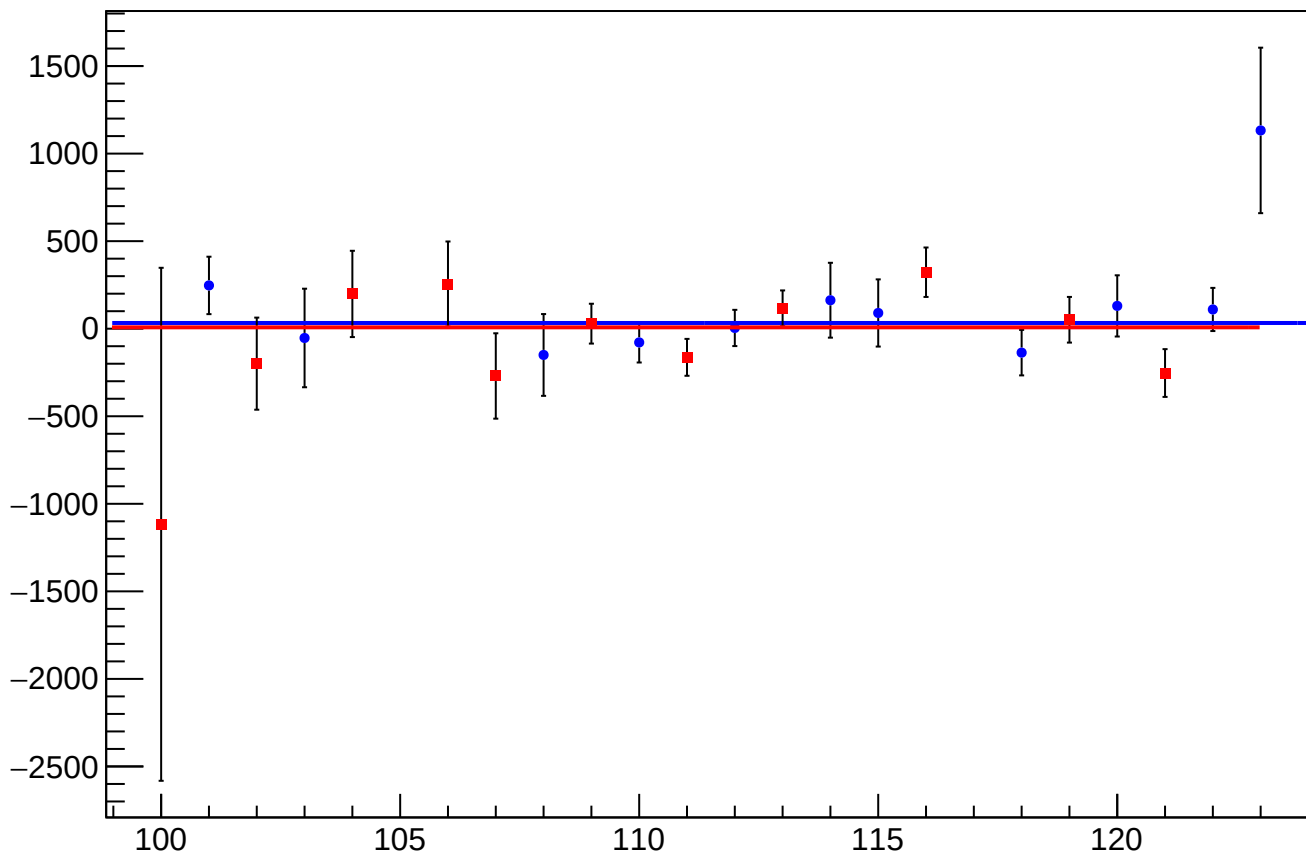
Right: 918.714+/-0.226 χ^2/NDF : 939346.1/21

In: 940.125+/-0.336 χ^2/NDF : 454102.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.714+/-0.226 χ^2/NDF : 939346.1/21

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 32.711+/-47.201 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.802+/-45.140 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

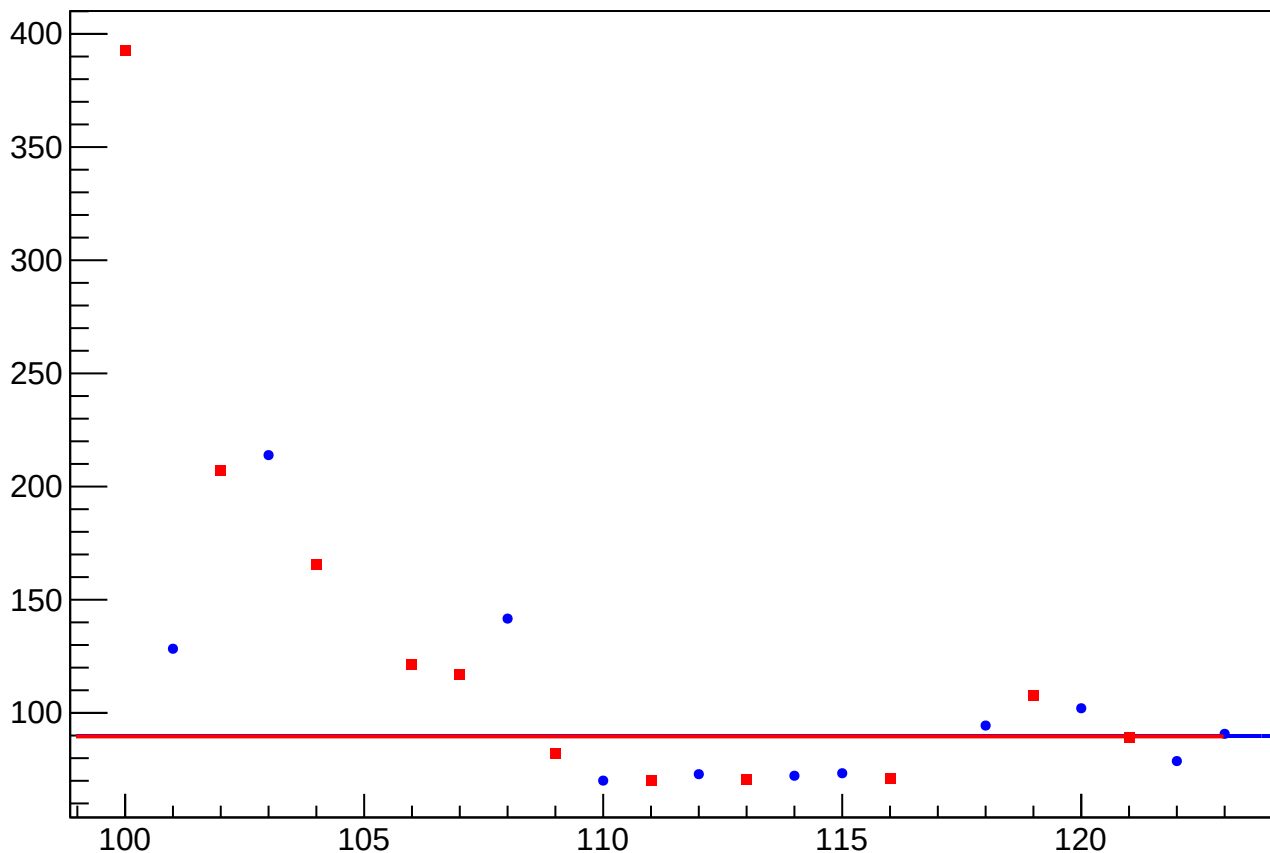
Right: 19.701+/-32.623 χ^2/NDF : 28.5/21

In: 32.711+/-47.201 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.701+/-32.623 χ^2/NDF : 28.5/21

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.790+/-0.033 χ^2/NDF : 767071.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.619+/-0.032 χ^2/NDF : 954994.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

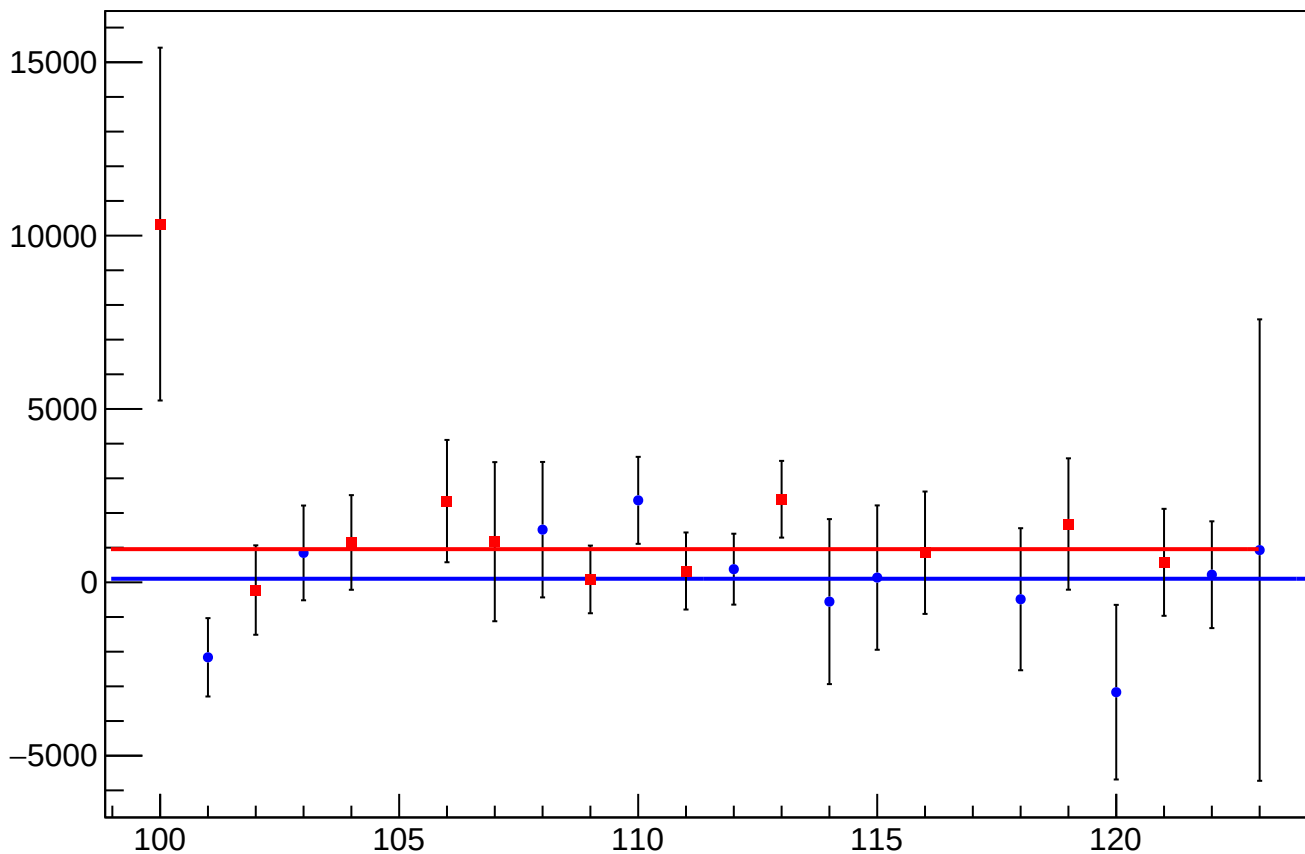
Right: 89.701+/-0.023 χ^2/NDF : 1722080.4/21

In: 89.790+/-0.033 χ^2/NDF : 767071.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.701+/-0.023 χ^2/NDF : 1722080.4/21

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 103.410+/-475.662 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.255+/-430.953 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

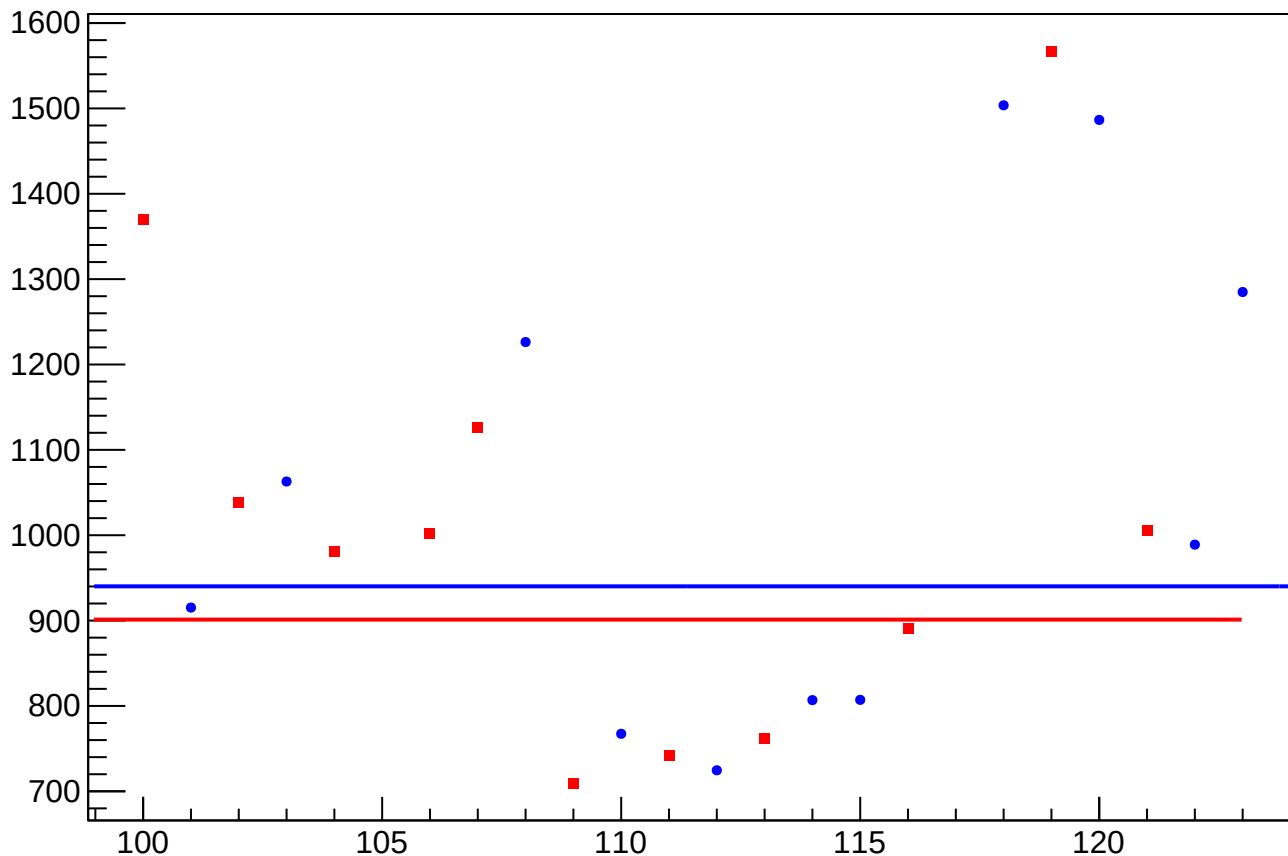
Right: 572.338+/-319.369 χ^2/NDF : 19.7/21

In: 103.410+/-475.662 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.338+/-319.369 χ^2/NDF : 19.7/21

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 940.123+/-0.336 χ^2/NDF : 454105.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 901.137+/-0.305 χ^2/NDF : 477865.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

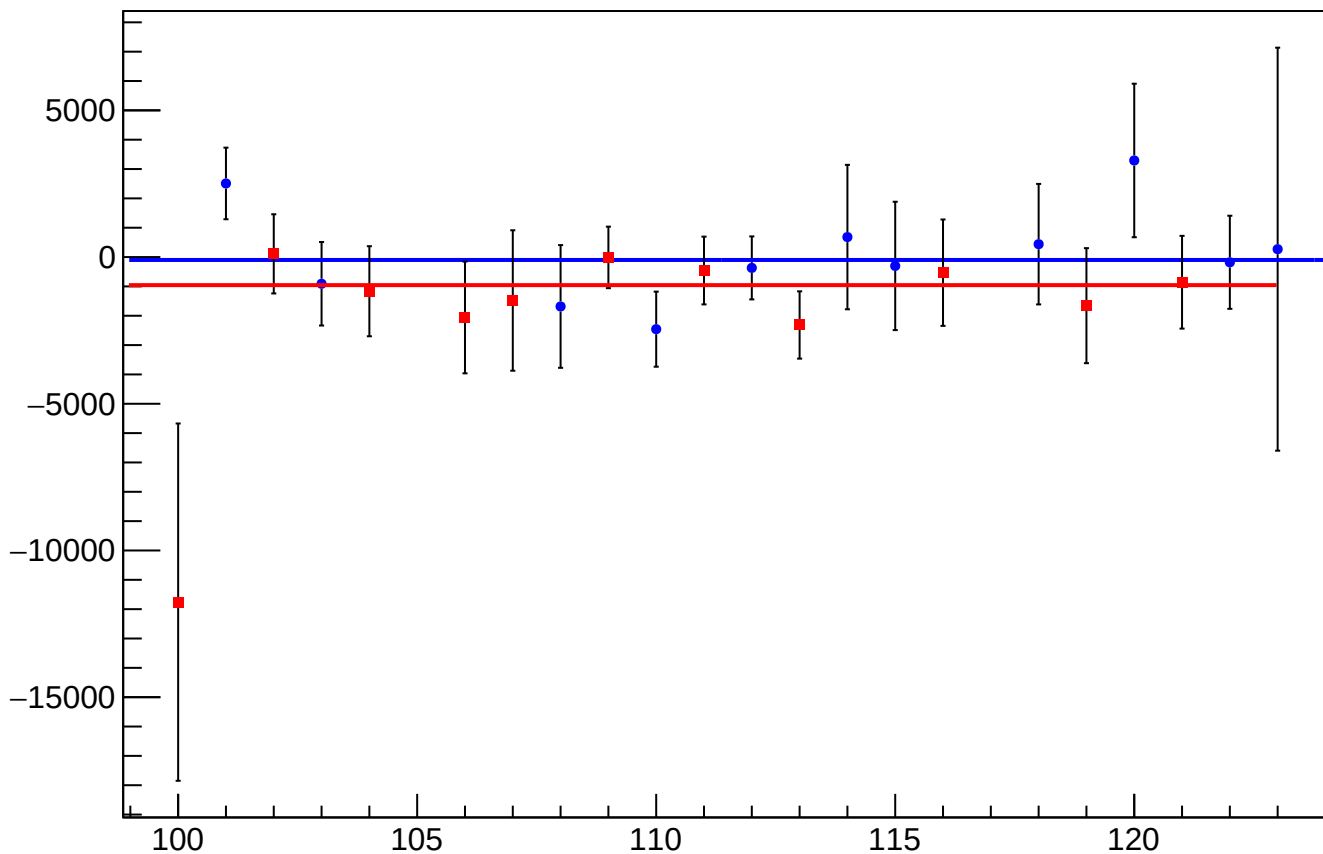
Right: 918.712+/-0.226 χ^2/NDF : 939349.6/21

In: 940.123+/-0.336 χ^2/NDF : 454105.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.712+/-0.226 χ^2/NDF : 939349.6/21

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -98.795+/-496.939 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -956.595+/-454.684 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

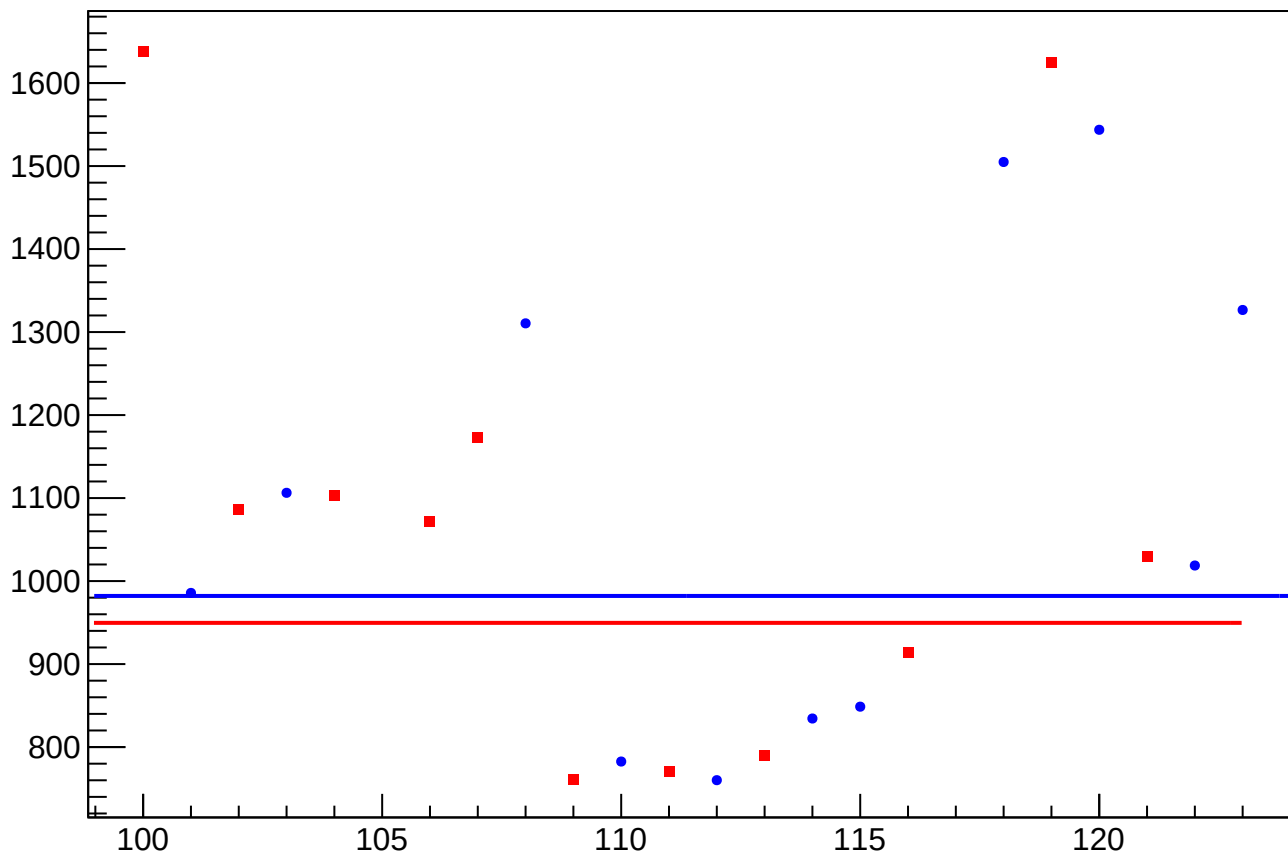
Right: -565.709+/-335.456 χ^2/NDF : 19.2/21

In: -98.795+/-496.939 χ^2/NDF : 10.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.709+/-335.456 χ^2/NDF : 19.2/21

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 982.090+/-0.351 χ^2/NDF : 441319.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 949.654+/-0.322 χ^2/NDF : 486356.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

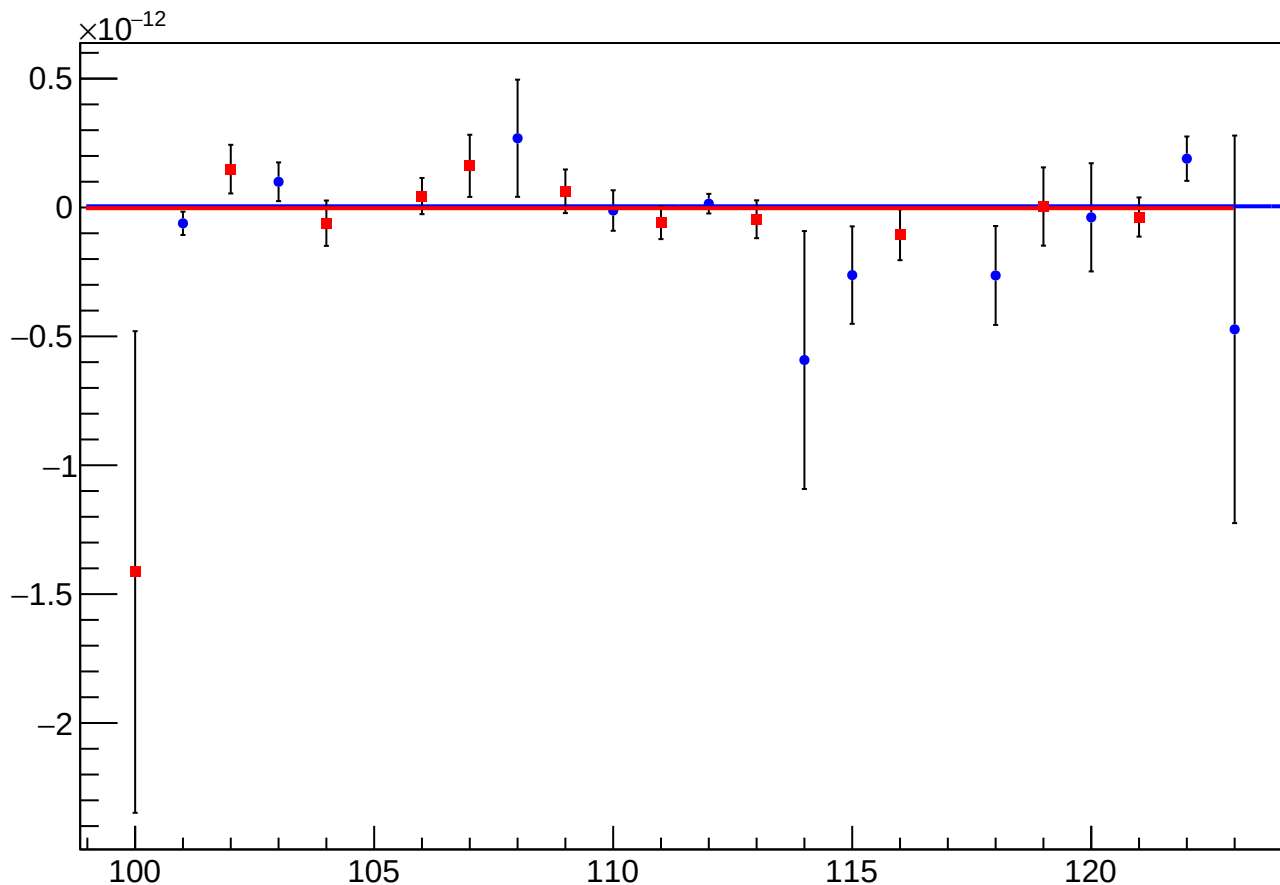
Right: 964.434+/-0.237 χ^2/NDF : 932314.8/21

In: 982.090+/-0.351 χ^2/NDF : 441319.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.434+/-0.237 χ^2/NDF : 932314.8/21

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/10

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

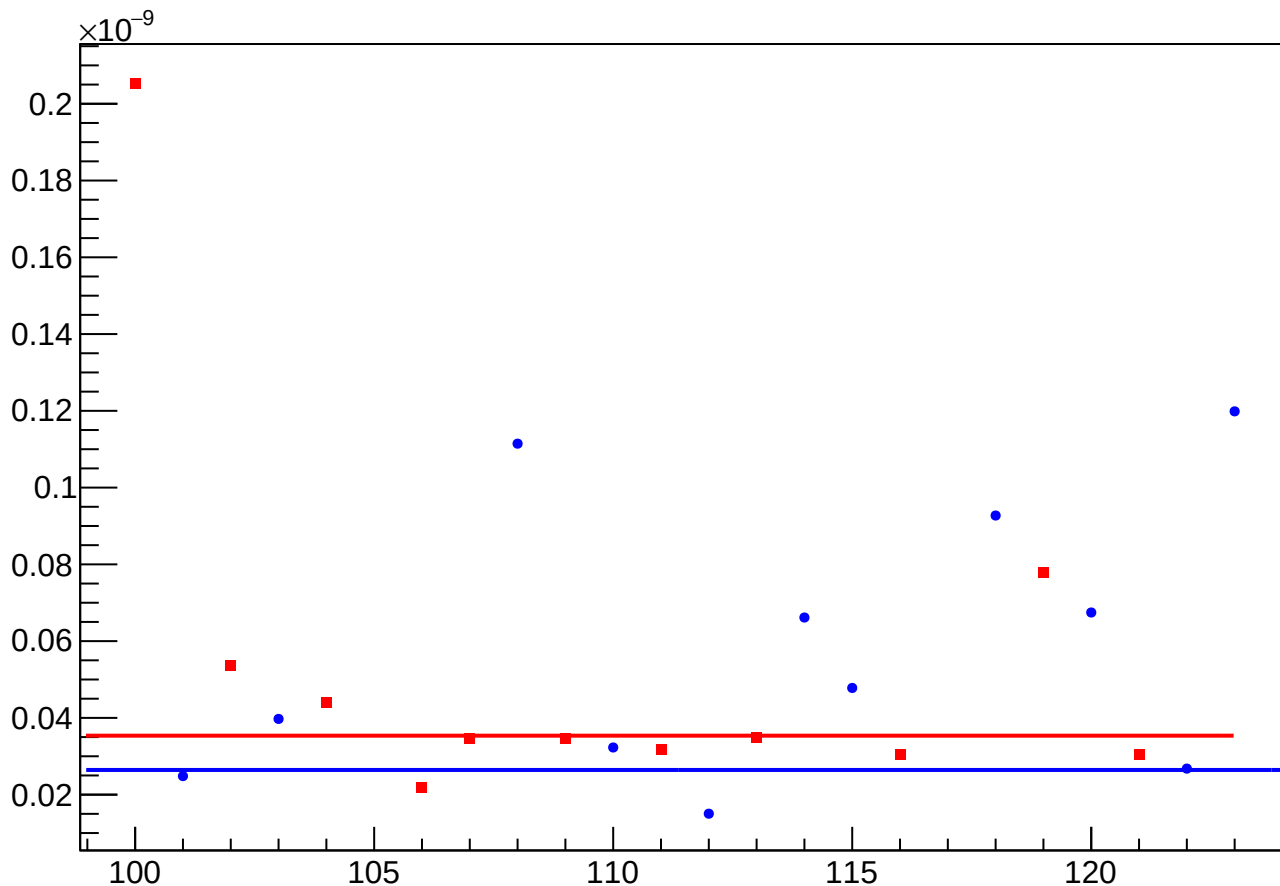
Right: 0.000+/-0.000 χ^2/NDF : 26.3/21

In: 0.000+/-0.000 χ^2/NDF : 15.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/21

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 919583.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 411264.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

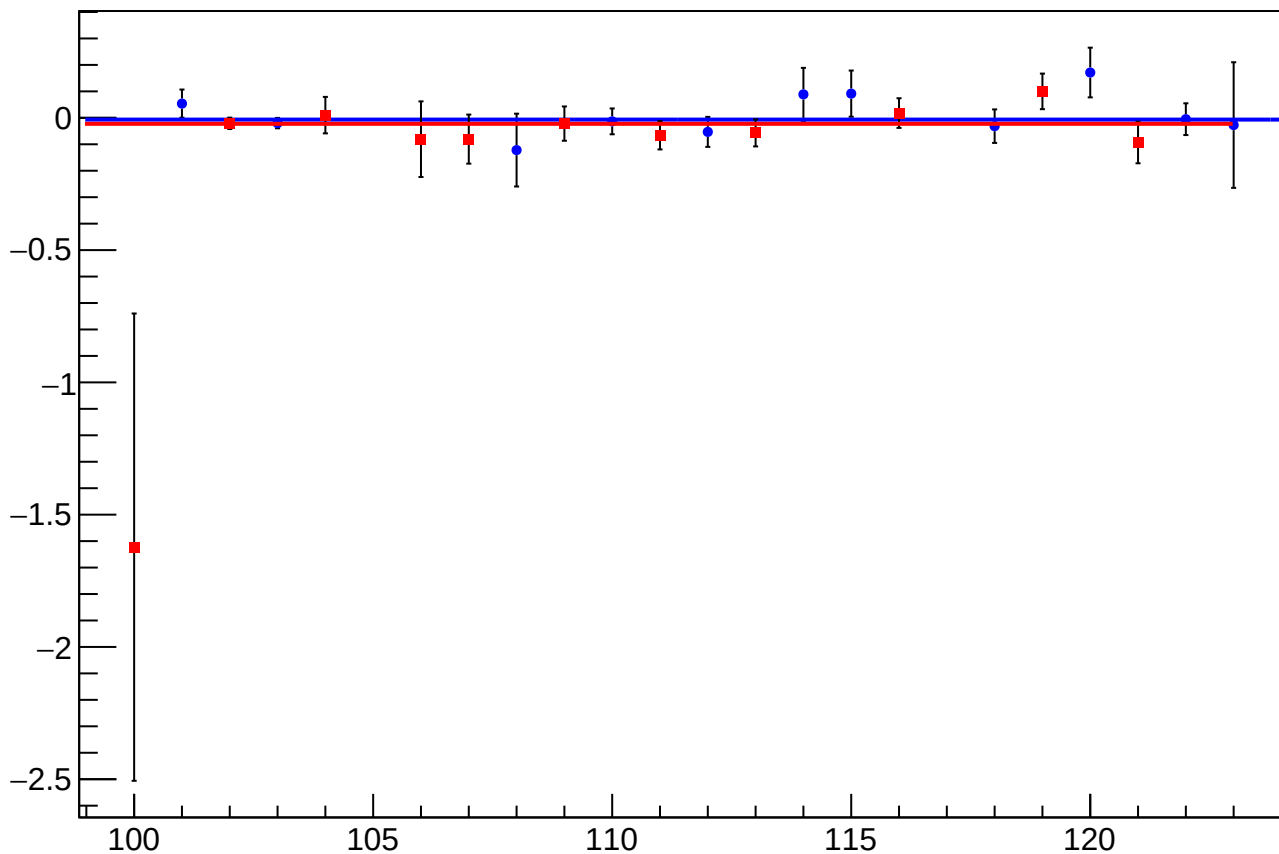
Right: 0.000+/-0.000 χ^2/NDF : 1455421.2/21

In: 0.000+/-0.000 χ^2/NDF : 919583.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1455421.2/21

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.015 χ^2 /NDF: 9.8/10

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

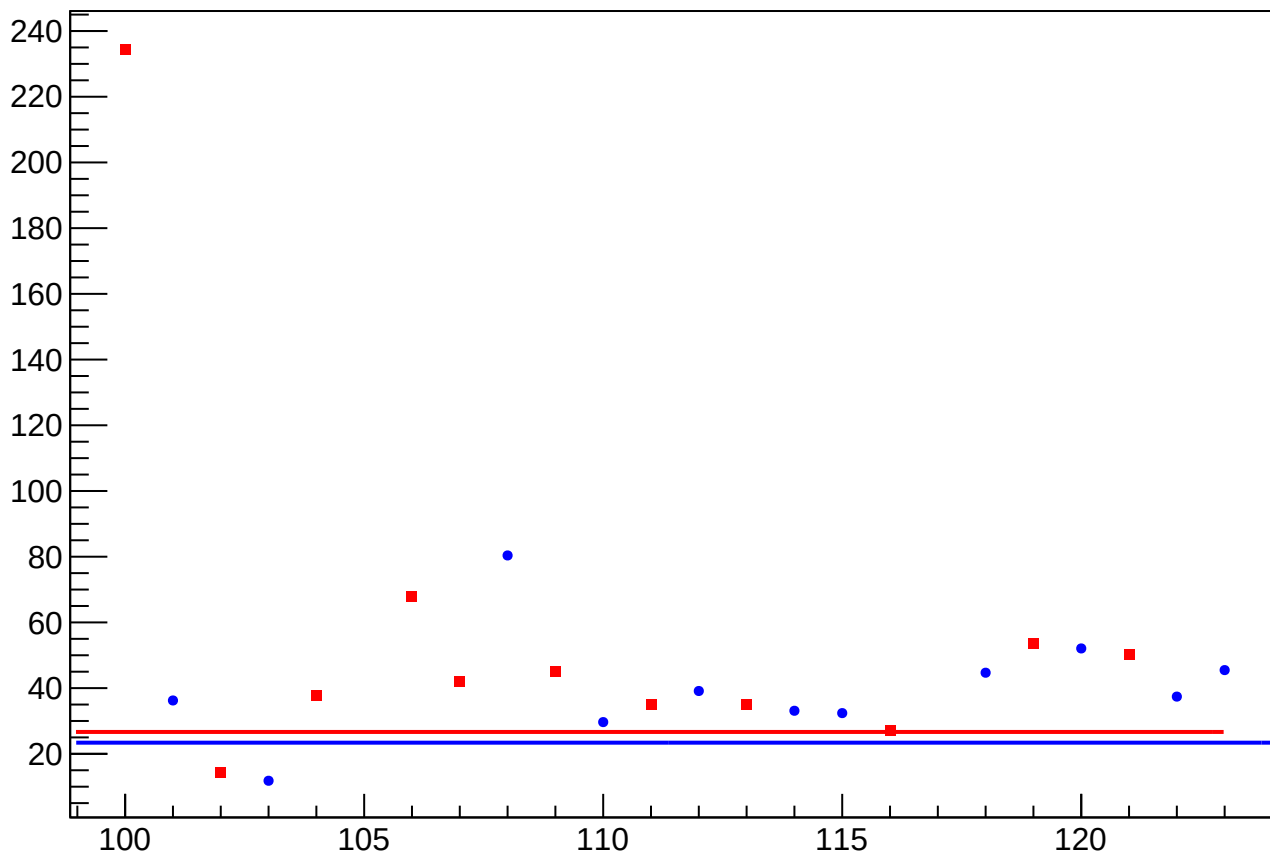
Right: -0.014 $\pm$ 0.011 χ^2 /NDF: 19.5/21

In: -0.007 $\pm$ 0.015 χ^2 /NDF:9.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.011 χ^2 /NDF: 19.5/21

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.397+/-0.010 χ^2/NDF : 1922256.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-0.011 χ^2/NDF : 1811606.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

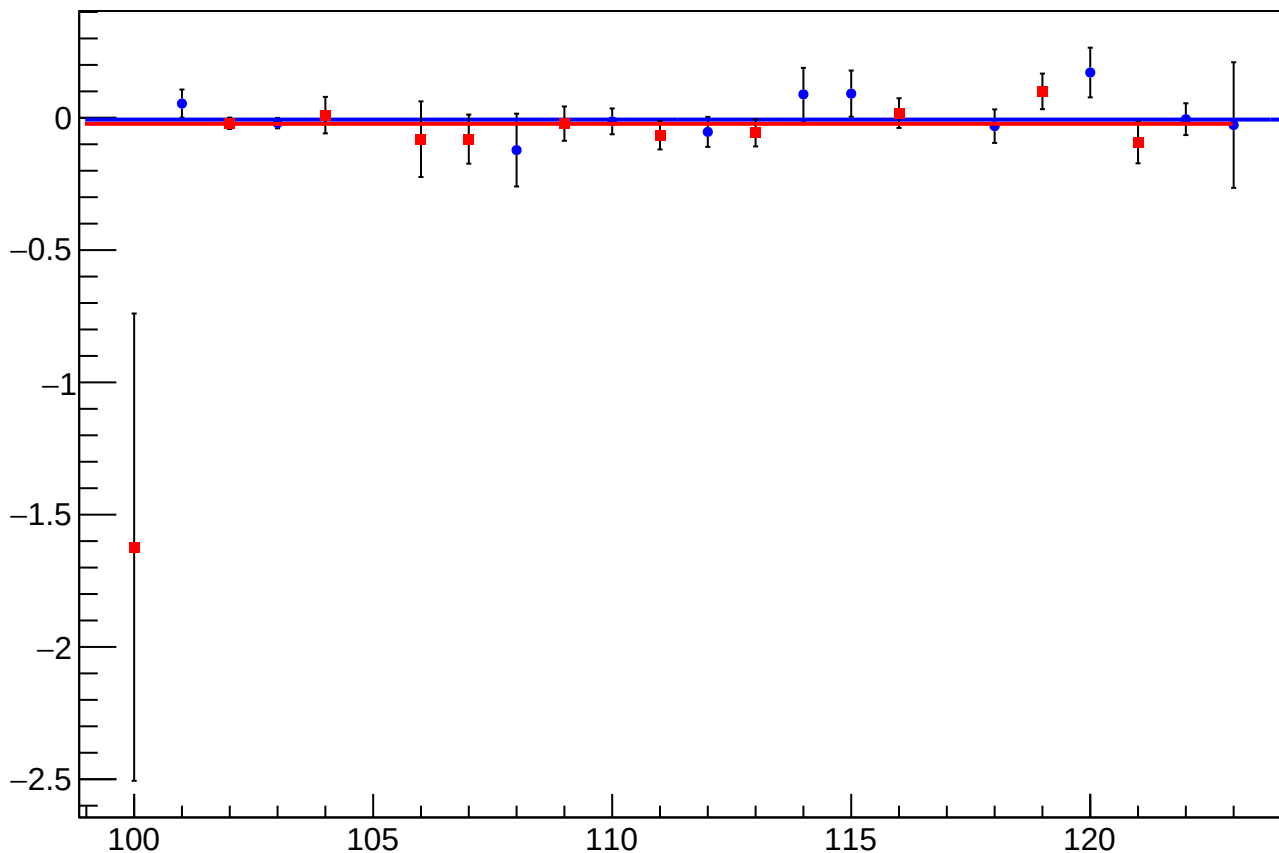
Right: 24.952+/-0.008 χ^2/NDF : 3780739.6/21

In: 23.397+/-0.010 χ^2/NDF : 1922256.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.952+/-0.008 χ^2/NDF : 3780739.6/21

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 9.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.015 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

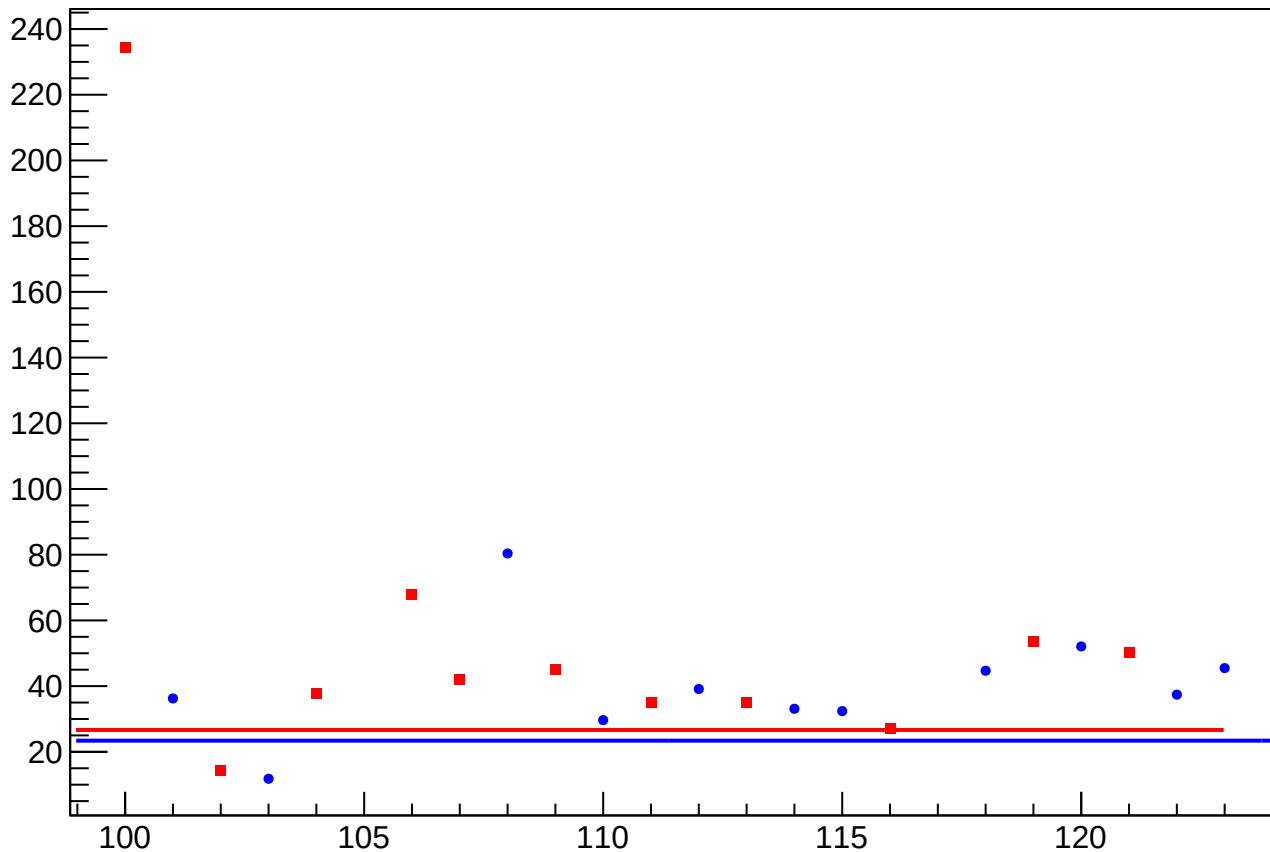
Right: -0.014 ± 0.011 χ^2/NDF : 19.5/21

In: -0.007 ± 0.015 χ^2/NDF : 9.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.011 χ^2/NDF : 19.5/21

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.397+/-0.010 χ^2/NDF : 1922256.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-0.011 χ^2/NDF : 1811606.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

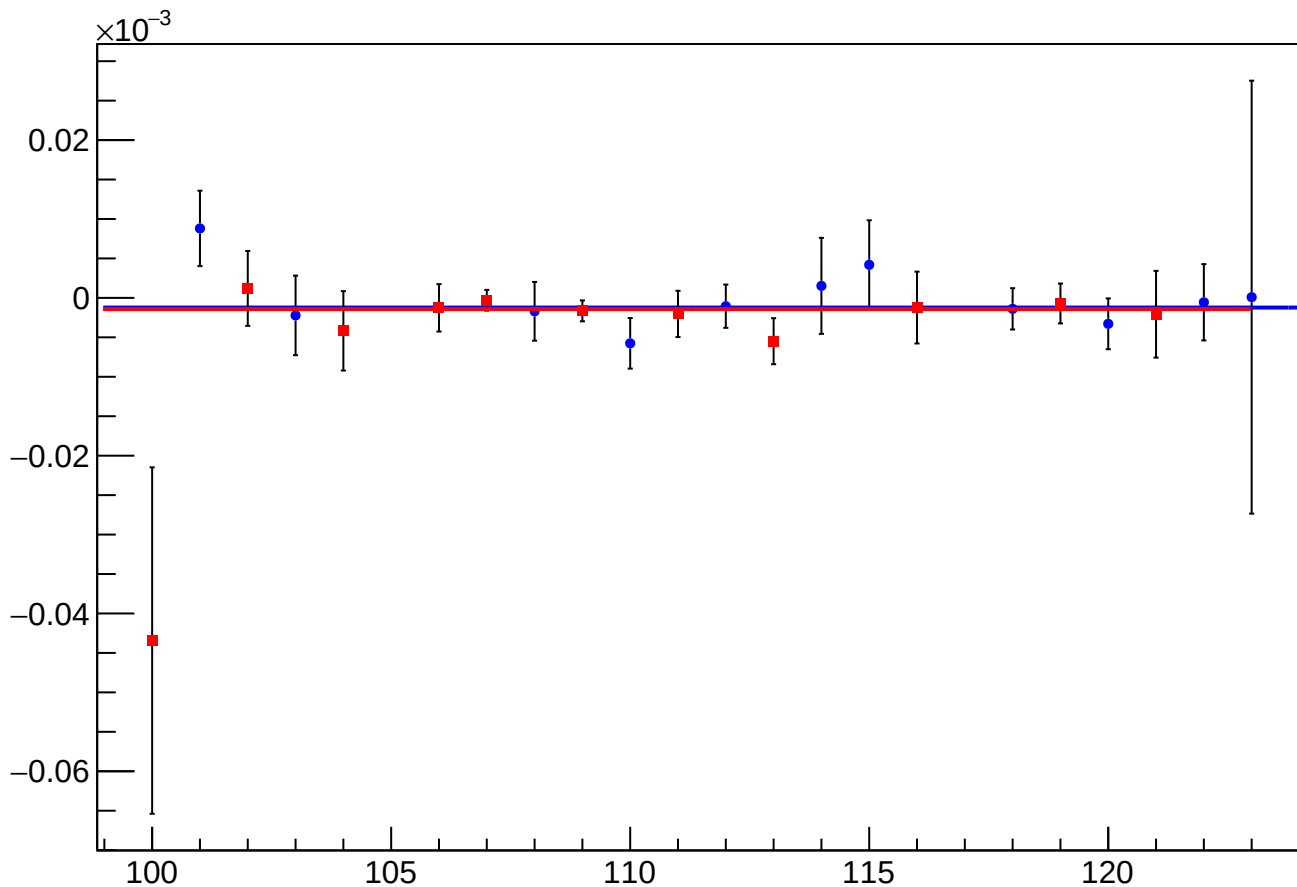
Right: 24.952+/-0.008 χ^2/NDF : 3780739.6/21

In: 23.397+/-0.010 χ^2/NDF : 1922256.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.952+/-0.008 χ^2/NDF : 3780739.6/21

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/10

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

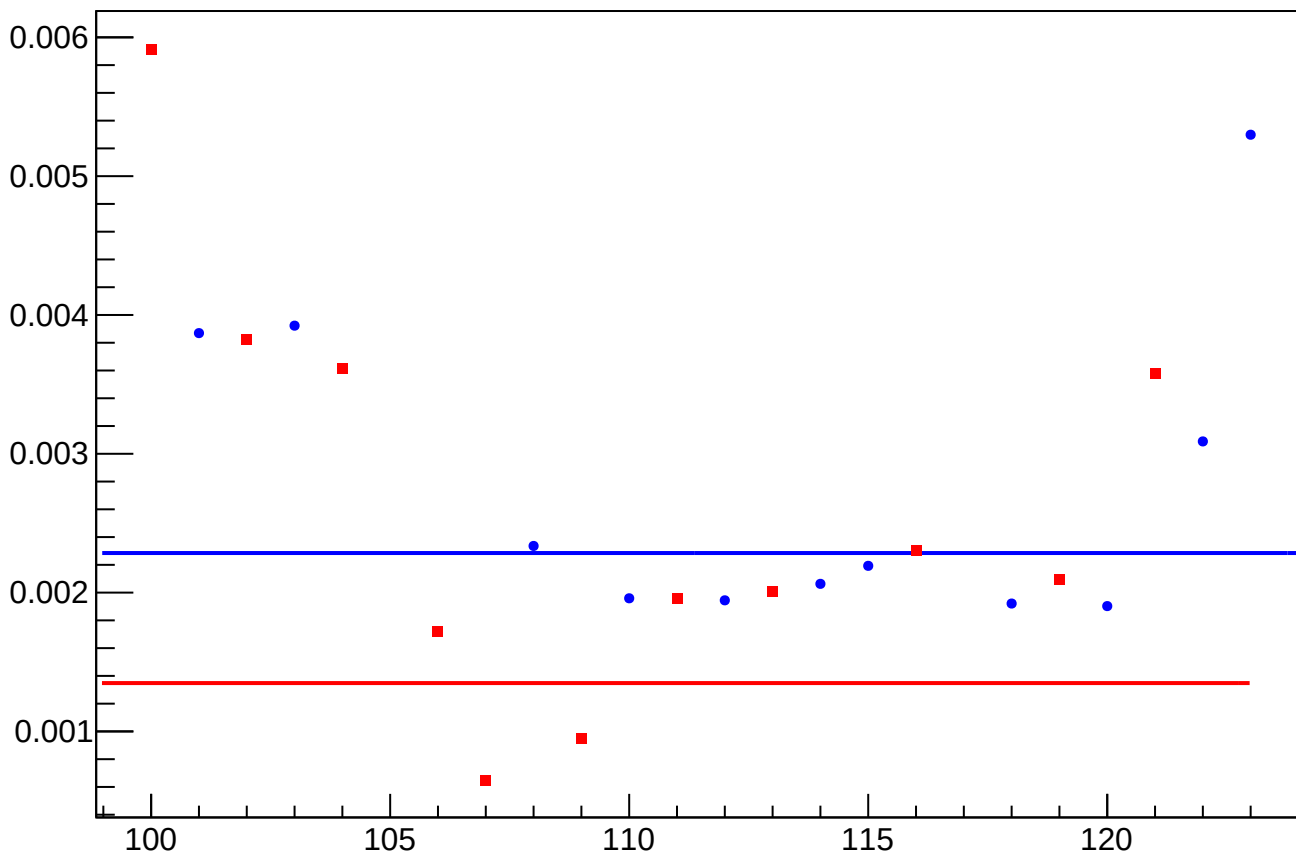
Right: -0.000+/-0.000 χ^2/NDF : 15.2/21

In: -0.000+/-0.000 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/21

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 632093.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2604549.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

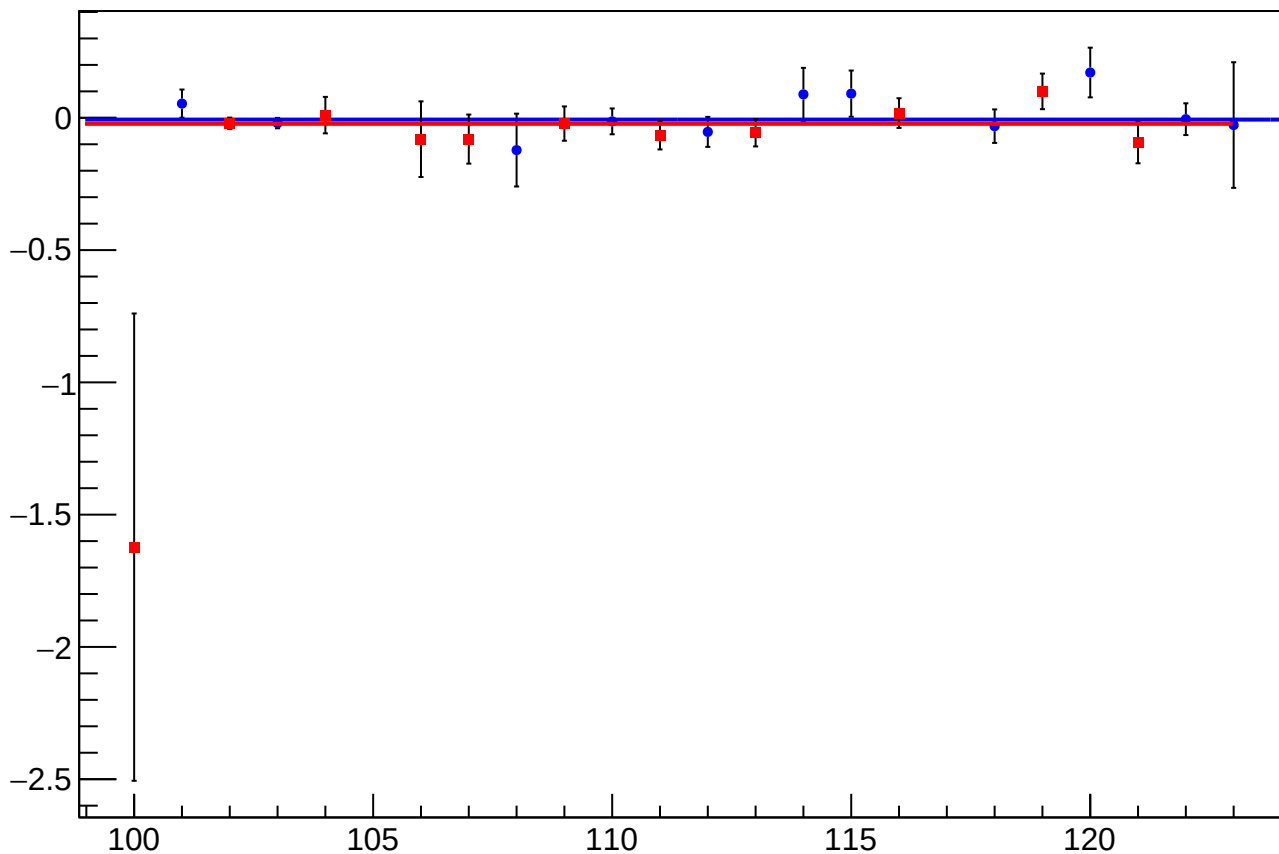
Right: 0.002+/-0.000 χ^2/NDF : 4150819.3/21

In: 0.002+/-0.000 χ^2/NDF :632093.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4150819.3/21

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.015 χ^2 /NDF: 9.8/10

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

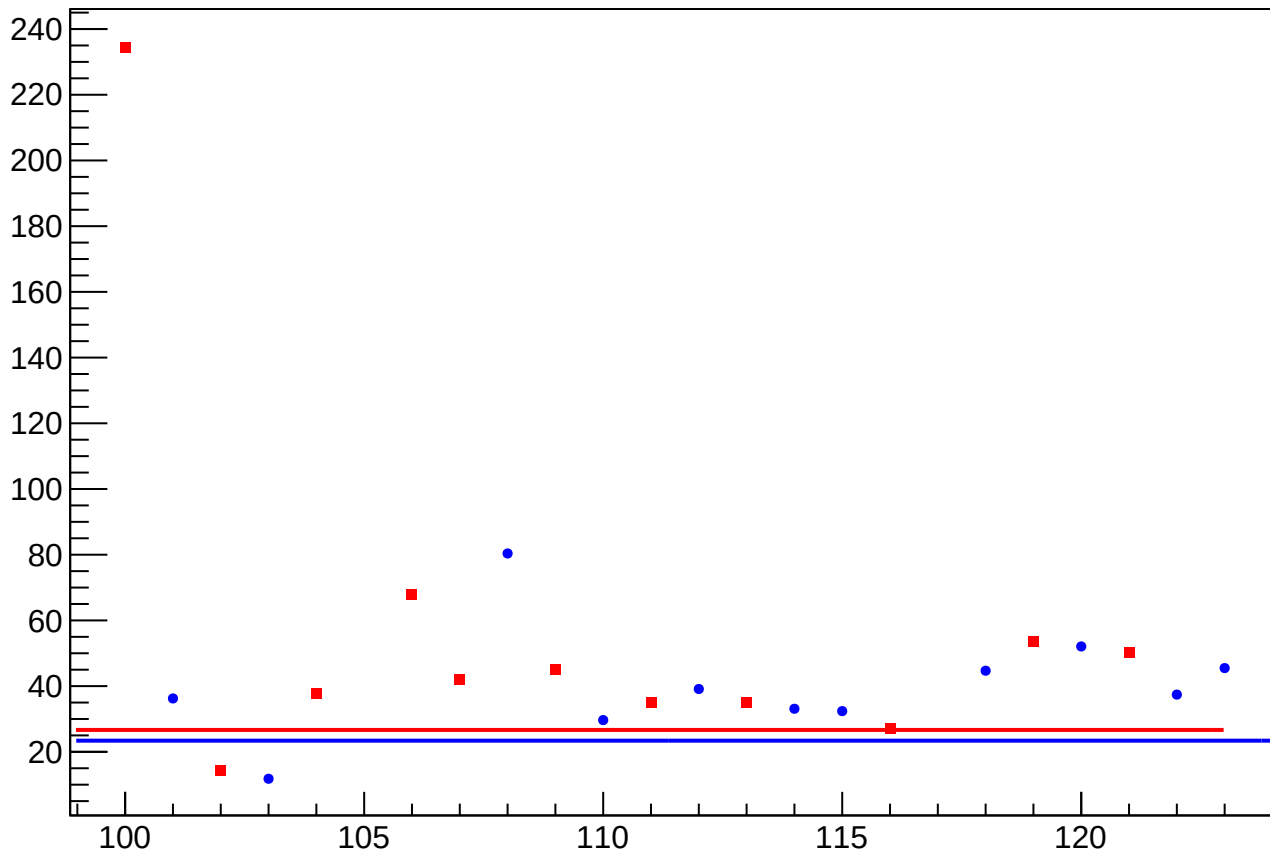
Right: -0.014 $\pm$ 0.011 χ^2 /NDF: 19.5/21

In: -0.007 $\pm$ 0.015 χ^2 /NDF:9.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.011 χ^2 /NDF: 19.5/21

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.396+/-0.010 χ^2/NDF : 1922521.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.665+/-0.011 χ^2/NDF : 1811141.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

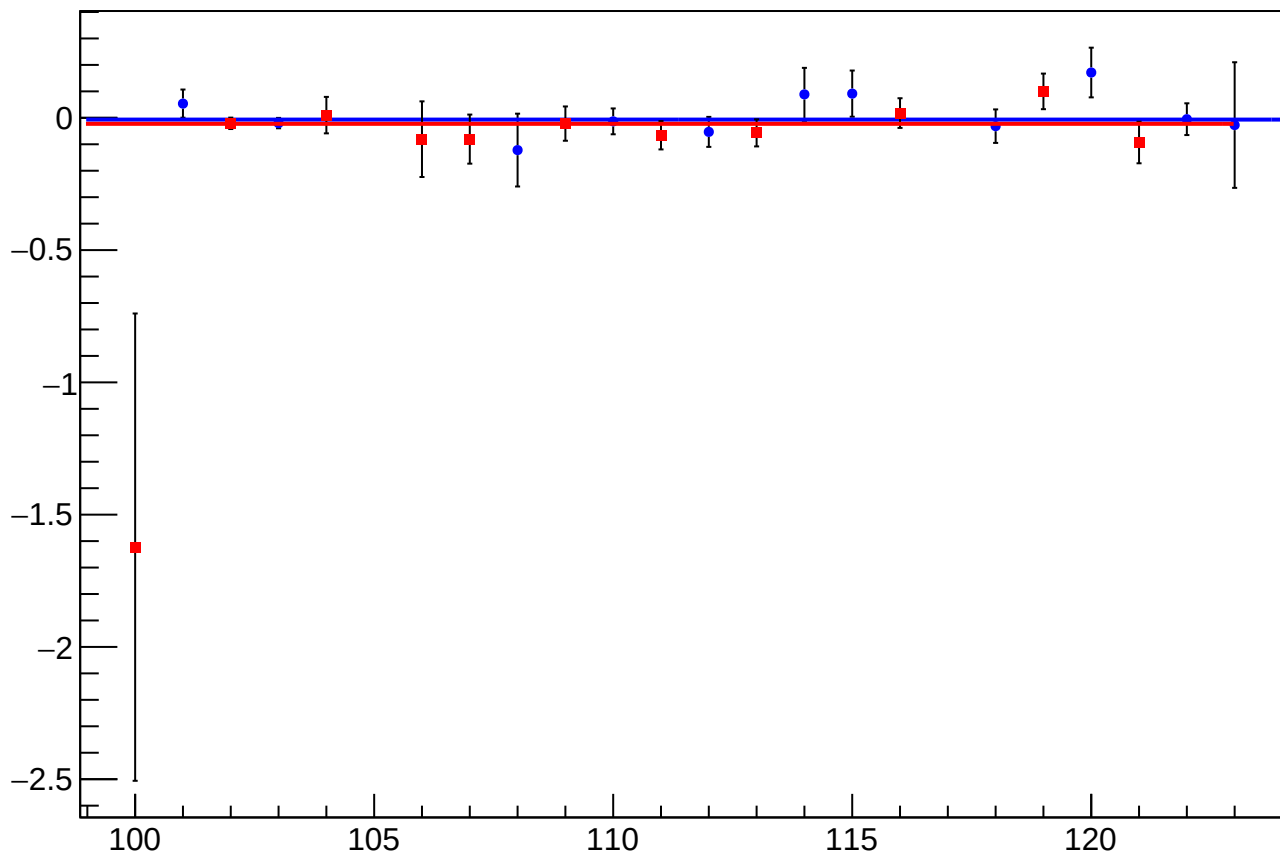
Right: 24.953+/-0.008 χ^2/NDF : 3780668.2/21

In: 23.396+/-0.010 χ^2/NDF : 1922521.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.953+/-0.008 χ^2/NDF : 3780668.2/21

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 9.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.015 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

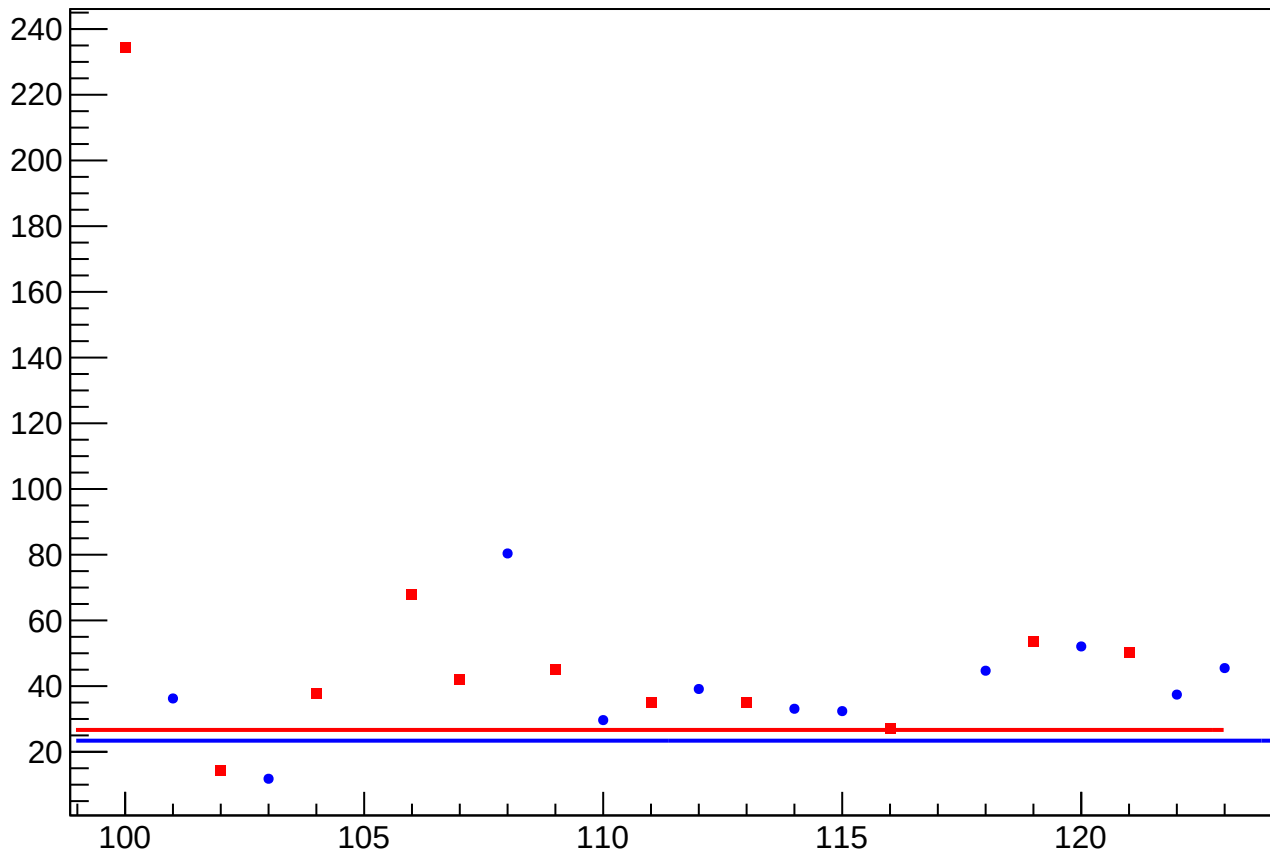
Right: -0.014 ± 0.011 χ^2/NDF : 19.5/21

In: -0.007 ± 0.015 χ^2/NDF : 9.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.011 χ^2/NDF : 19.5/21

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.396+/-0.010 χ^2/NDF : 1922521.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.665+/-0.011 χ^2/NDF : 1811141.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

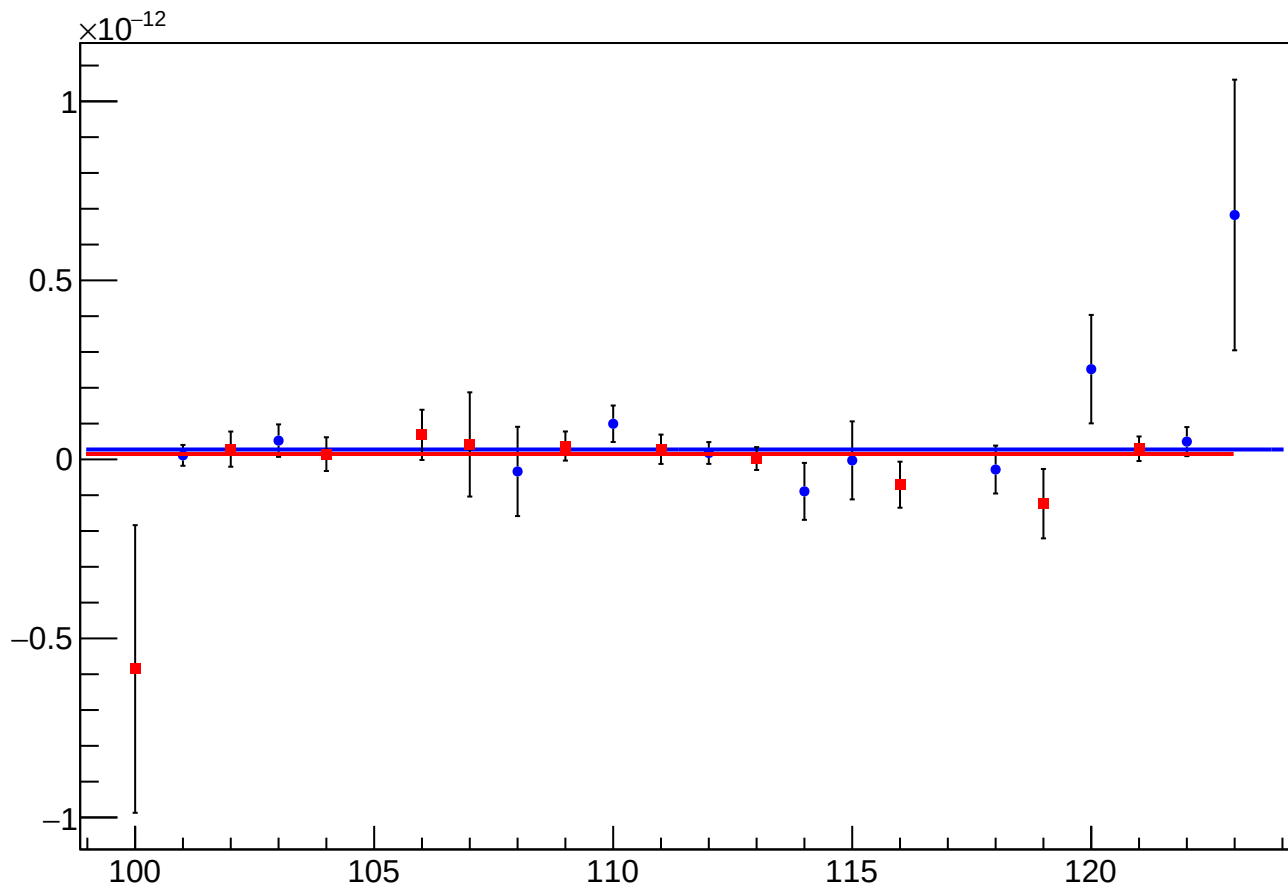
Right: 24.953+/-0.008 χ^2/NDF : 3780668.2/21

In: 23.396+/-0.010 χ^2/NDF : 1922521.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.953+/-0.008 χ^2/NDF : 3780668.2/21

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/10

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

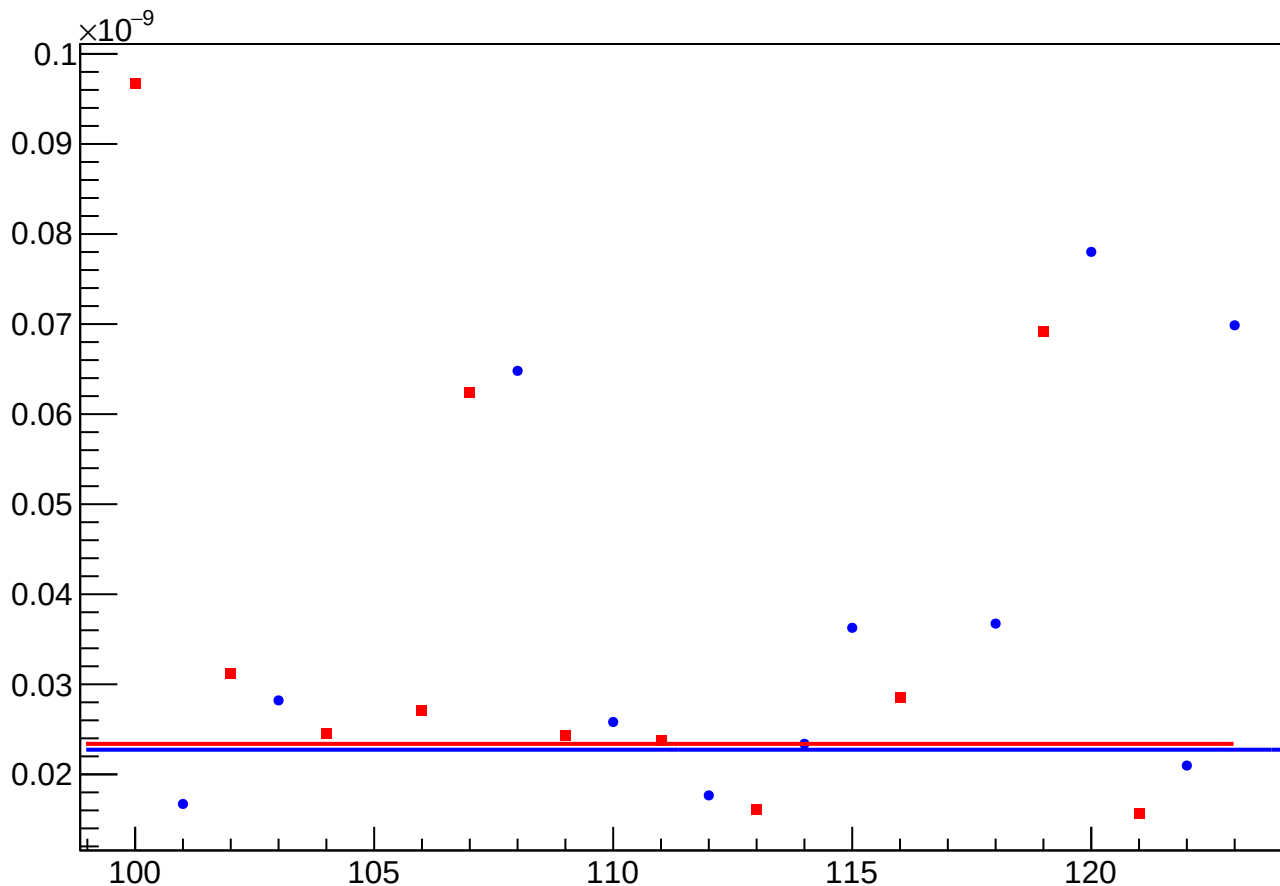
Right: 0.000+/-0.000 χ^2/NDF : 19.2/21

In: 0.000+/-0.000 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/21

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825551.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934111.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

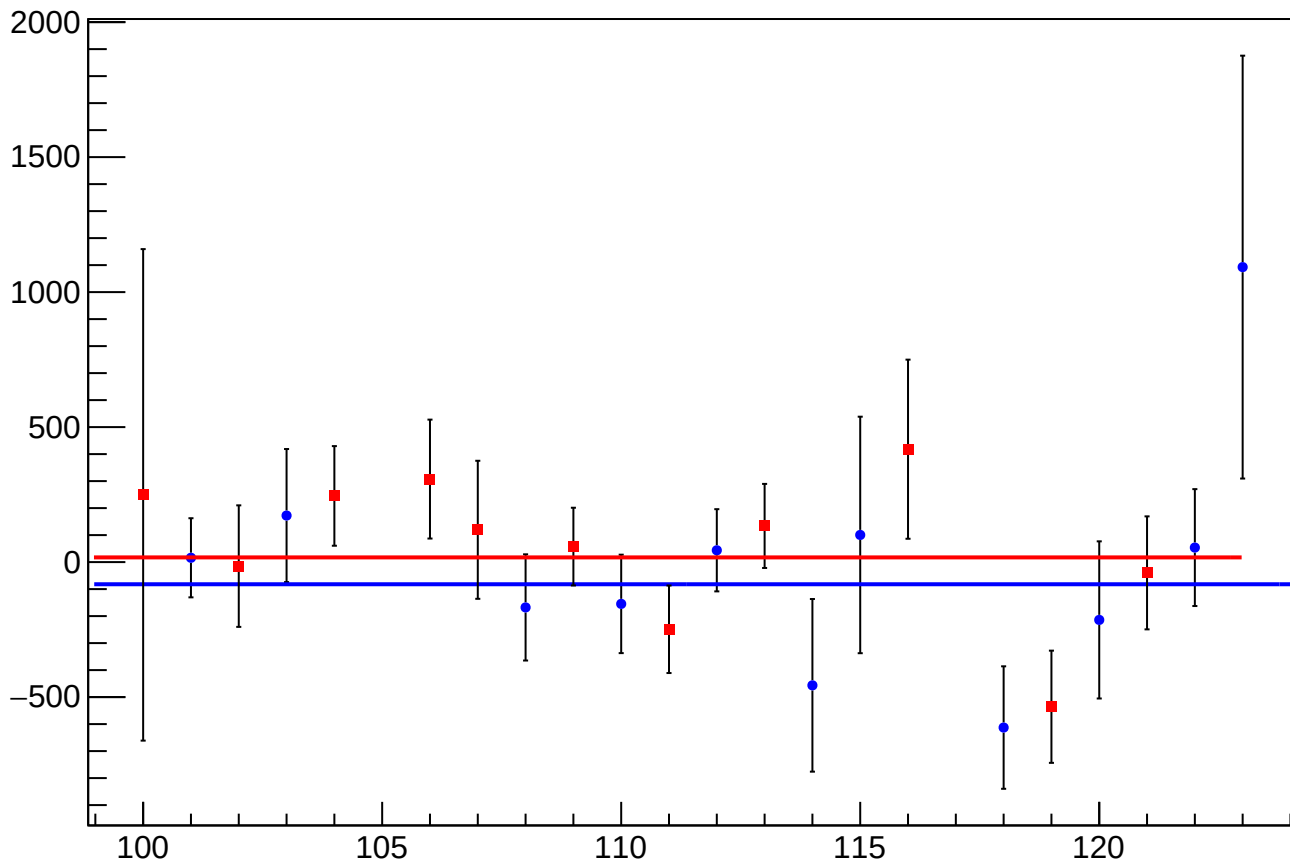
Right: 0.000+/-0.000 χ^2/NDF : 1761538.6/21

In: 0.000+/-0.000 χ^2/NDF : 825551.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1761538.6/21

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -82.048 ± 65.747 χ^2/NDF : 12.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.410 ± 60.979 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

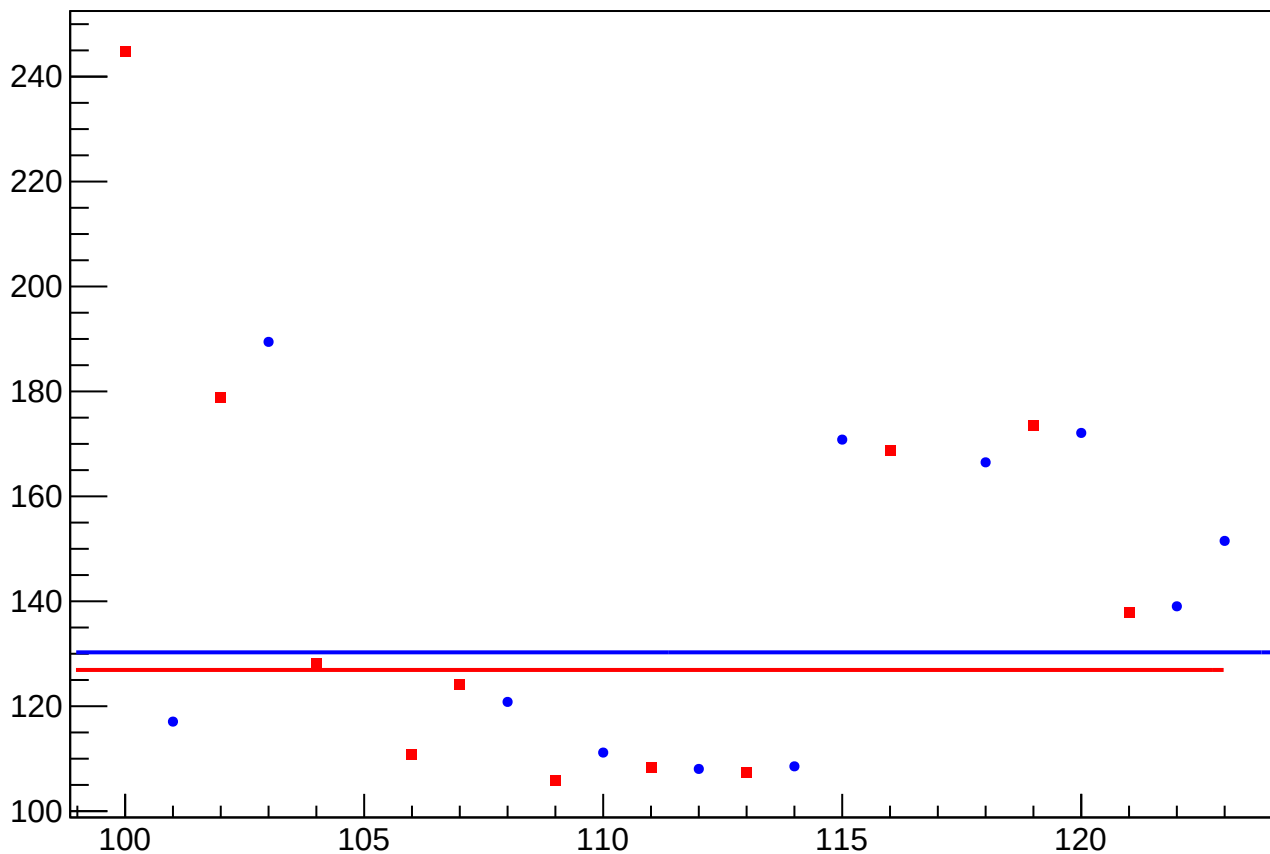
Right: -28.582 ± 44.709 χ^2/NDF : 29.1/21

In: -82.048 ± 65.747 χ^2/NDF : 12.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.582 ± 44.709 χ^2/NDF : 29.1/21

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 130.269+/-0.046 χ^2/NDF : 324147.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.913+/-0.043 χ^2/NDF : 390390.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

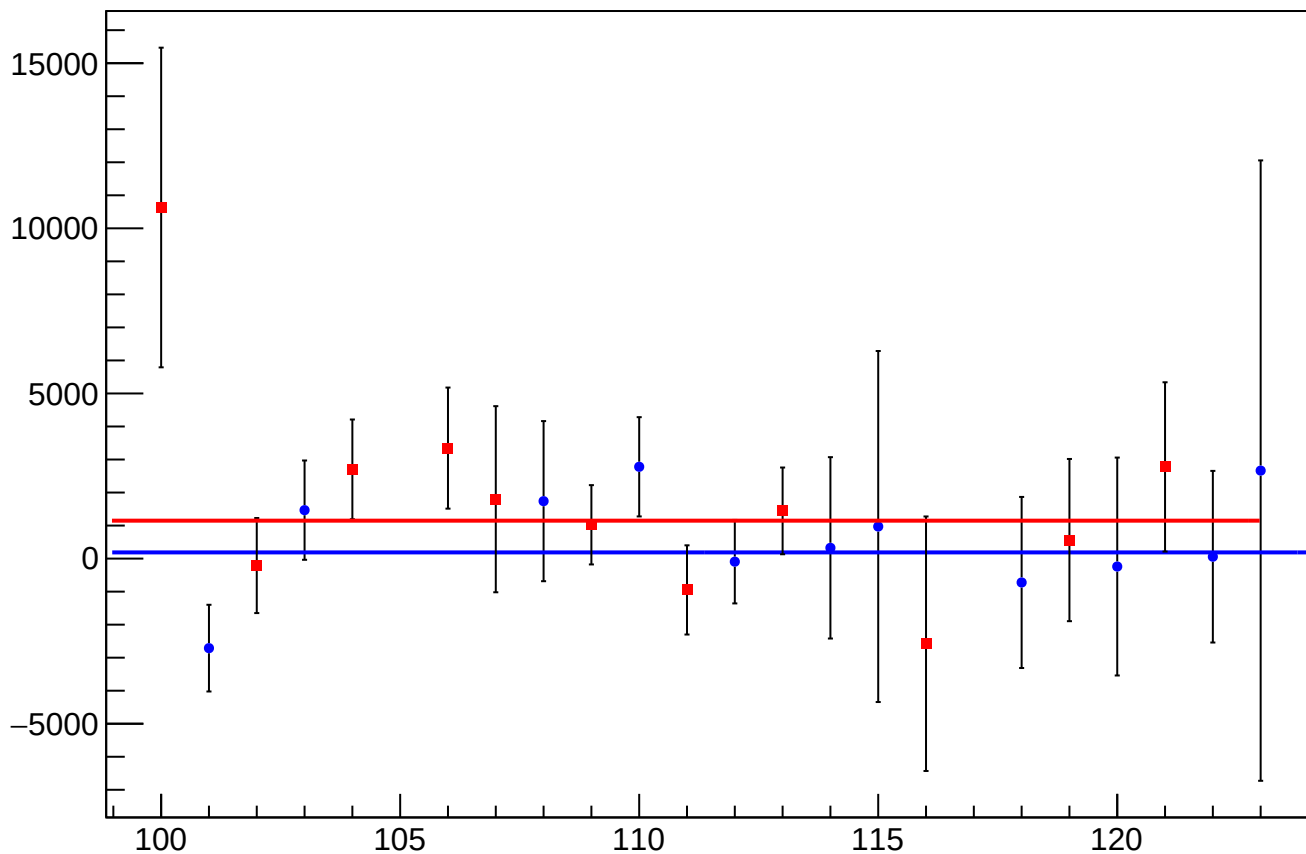
Right: 128.465+/-0.032 χ^2/NDF : 717339.9/21

In: 130.269+/-0.046 χ^2/NDF : 324147.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.465+/-0.032 χ^2/NDF : 717339.9/21

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 187.429+/-594.384 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.600+/-527.416 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

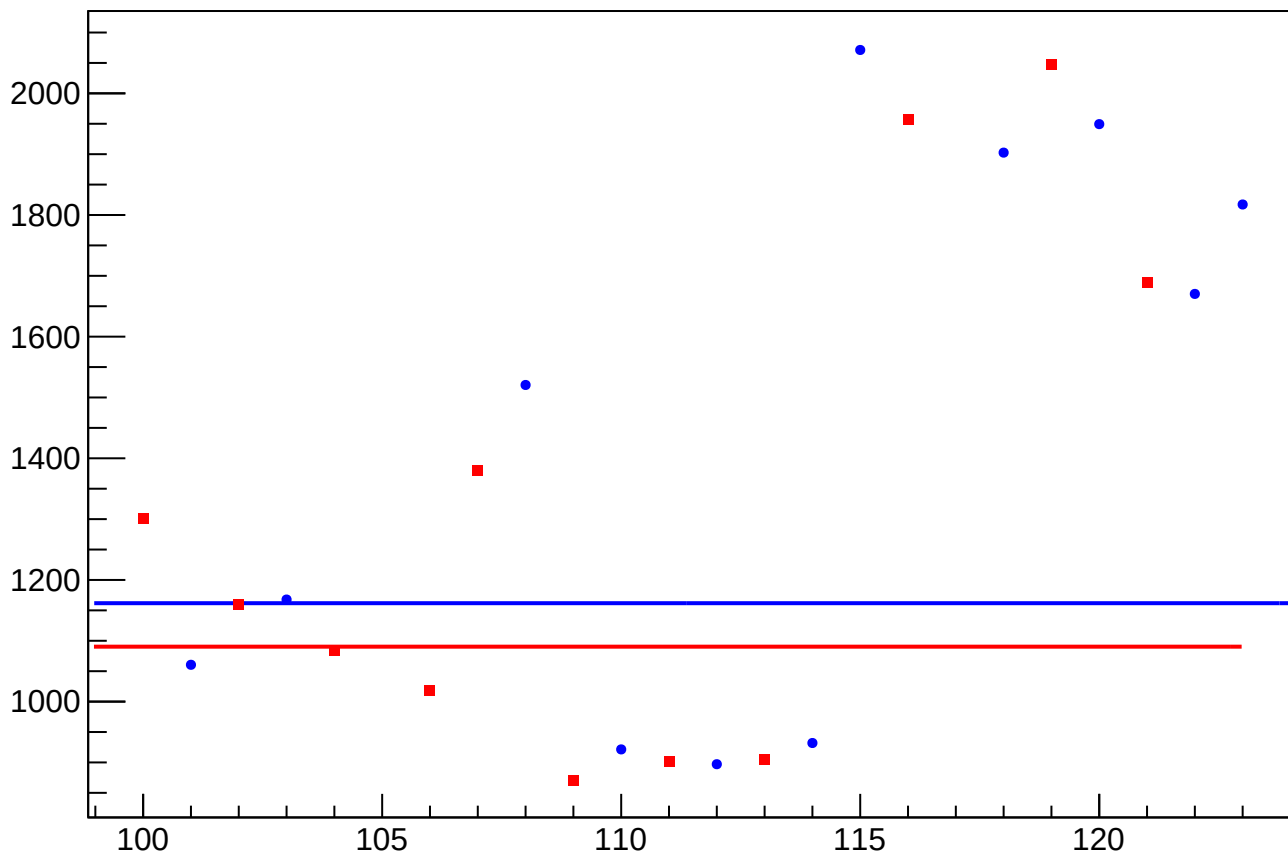
Right: 725.190+/-394.500 χ^2/NDF : 21.9/21

In: 187.429+/-594.384 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 725.190+/-394.500 χ^2/NDF : 21.9/21

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1161.791 $\pm$ 0.420 χ^2 /NDF: 631216.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1090.323 $\pm$ 0.373 χ^2 /NDF: 692515.5/10

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

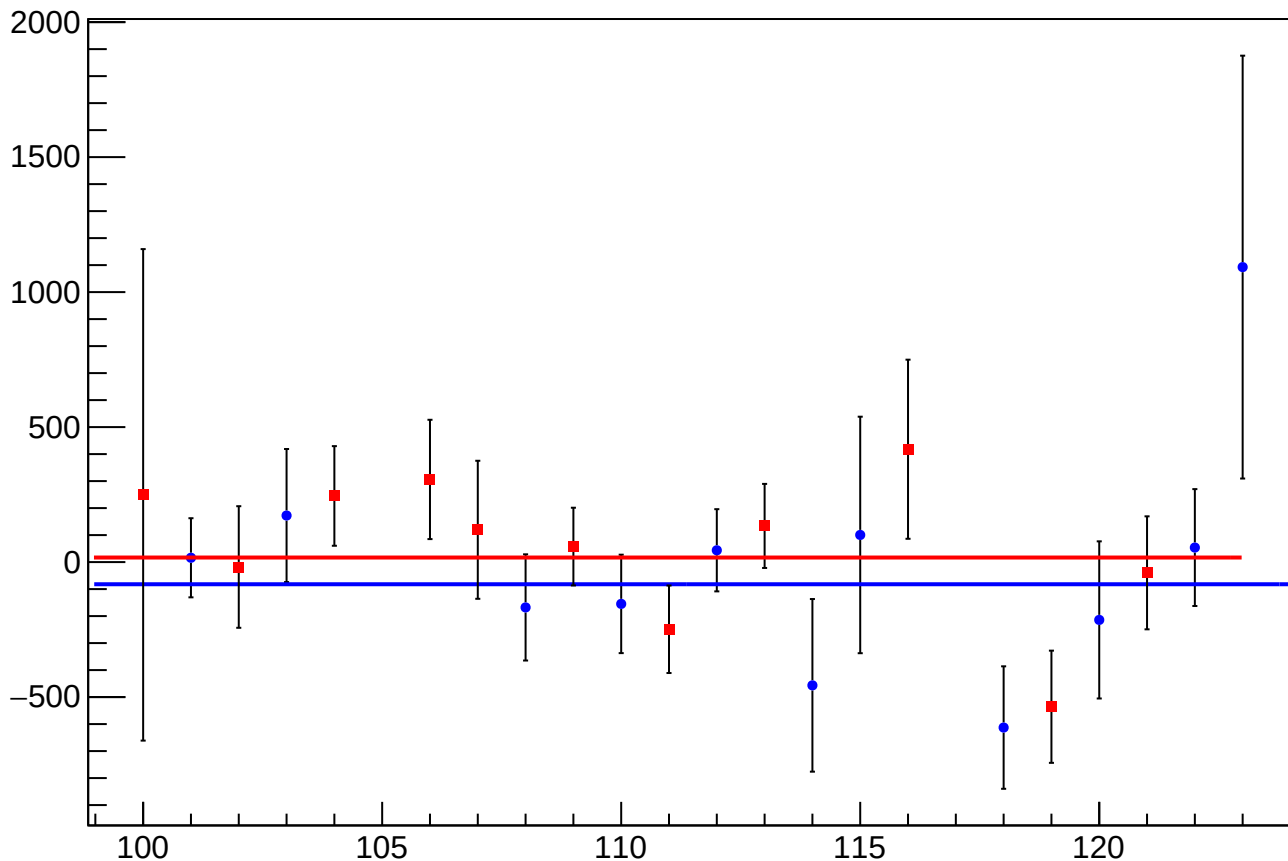
Right: 1121.806 $\pm$ 0.279 χ^2 /NDF: 1339909.1/21

In: 1161.791 $\pm$ 0.420 χ^2 /NDF:631216.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1121.806 $\pm$ 0.279 χ^2 /NDF: 1339909.1/21

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -82.068 $\pm$ 65.747 χ^2 /NDF: 12.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.911 $\pm$ 60.997 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

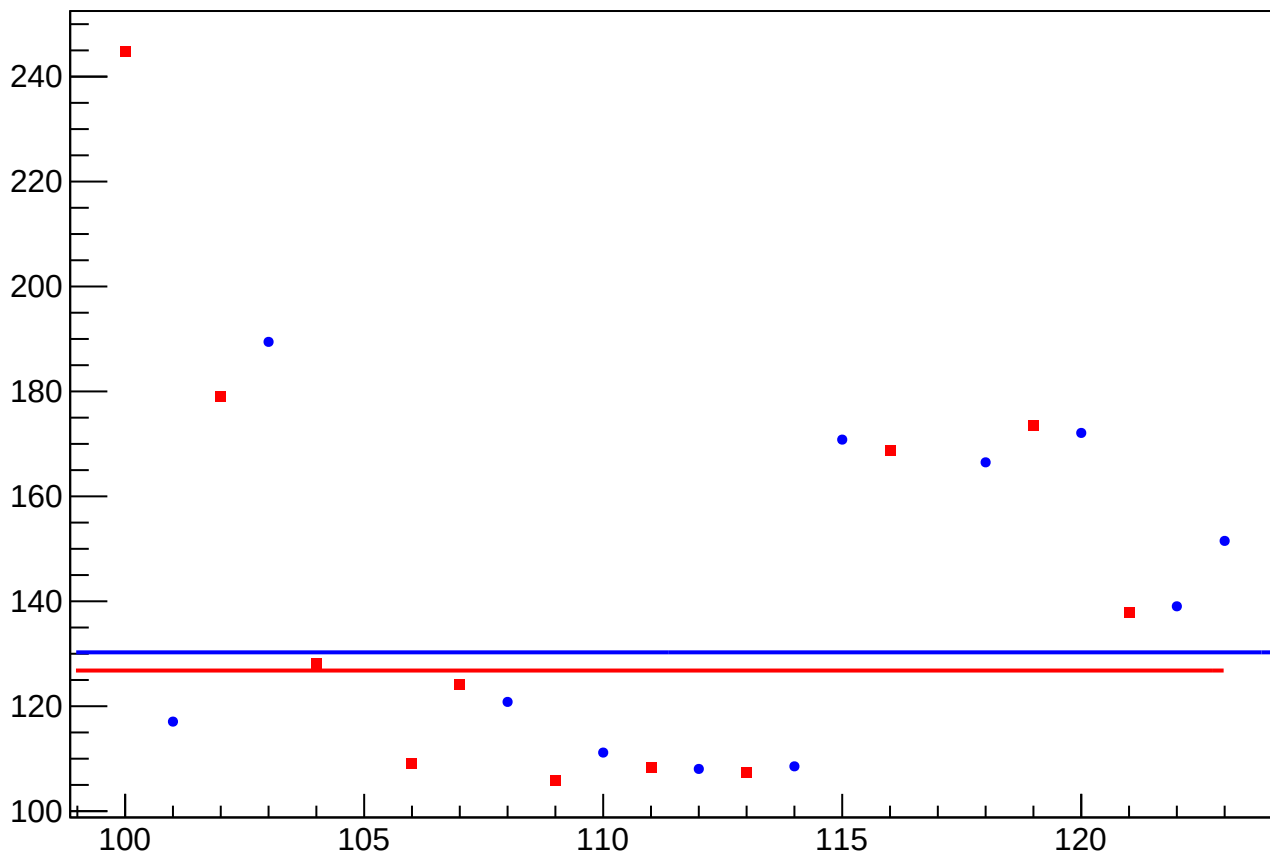
Right: -28.874 $\pm$ 44.716 χ^2 /NDF: 29.1/21

In: -82.068 $\pm$ 65.747 χ^2 /NDF:12.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.874 $\pm$ 44.716 χ^2 /NDF: 29.1/21

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 130.269+/-0.046 χ^2/NDF : 324150.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.802+/-0.043 χ^2/NDF : 392758.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

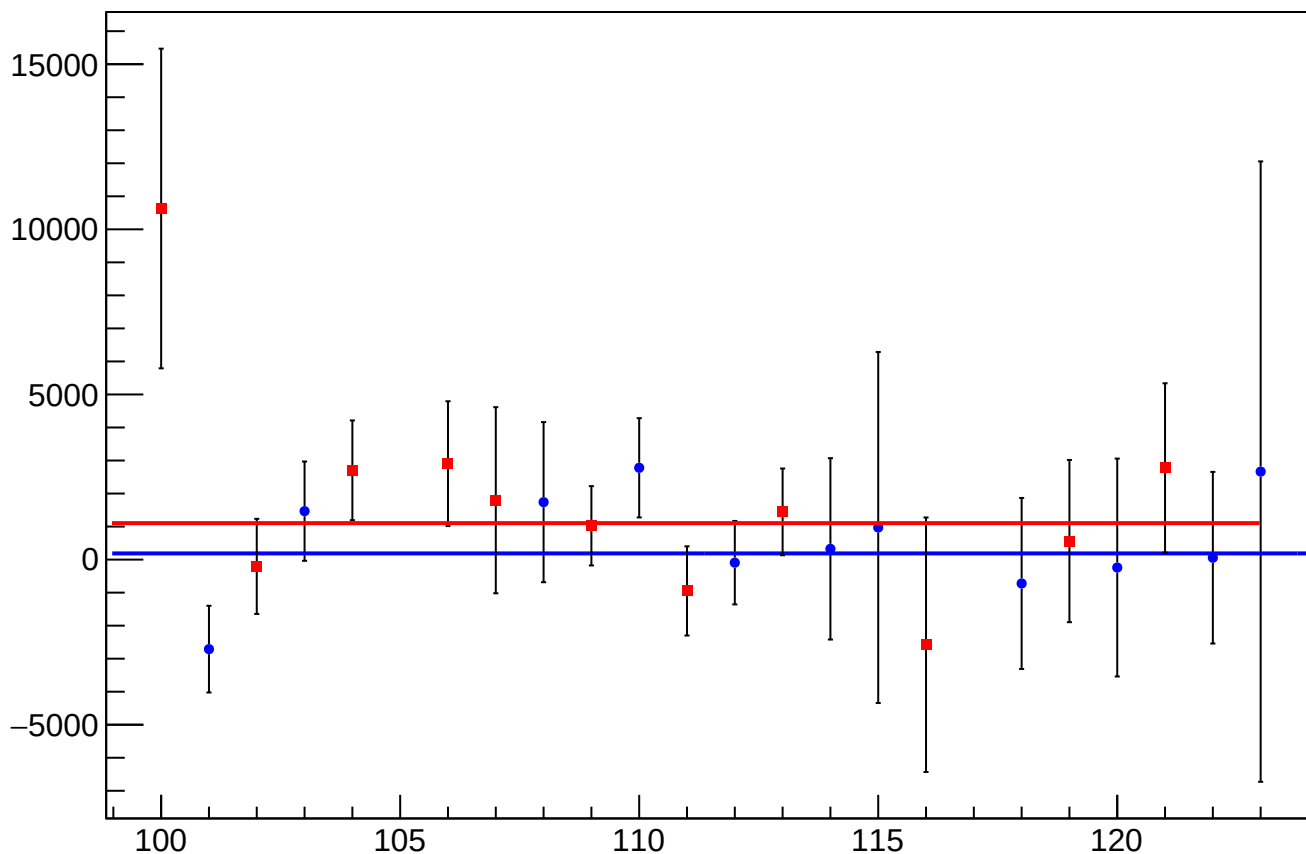
Right: 128.406+/-0.032 χ^2/NDF : 719899.6/21

In: 130.269+/-0.046 χ^2/NDF : 324150.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

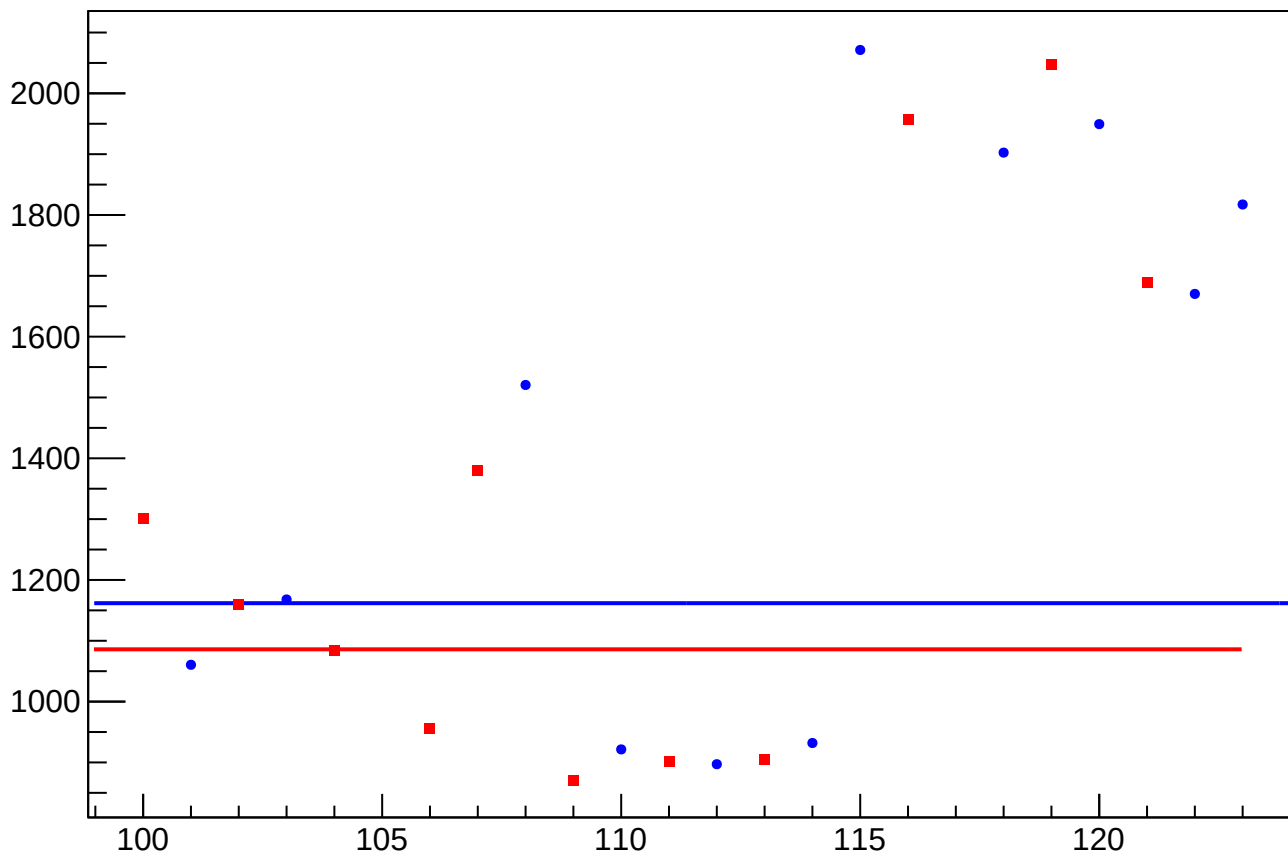
All: 128.406+/-0.032 χ^2/NDF : 719899.6/21

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 699.238 $\pm$ 395.060 χ^2 /NDF: 21.2/21
 In: 187.335 $\pm$ 594.392 χ^2 /NDF:9.3/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 699.238 $\pm$ 395.060 χ^2 /NDF: 21.2/21

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1161.807+/-0.420 χ^2/NDF : 631216.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.959+/-0.374 χ^2/NDF : 699345.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

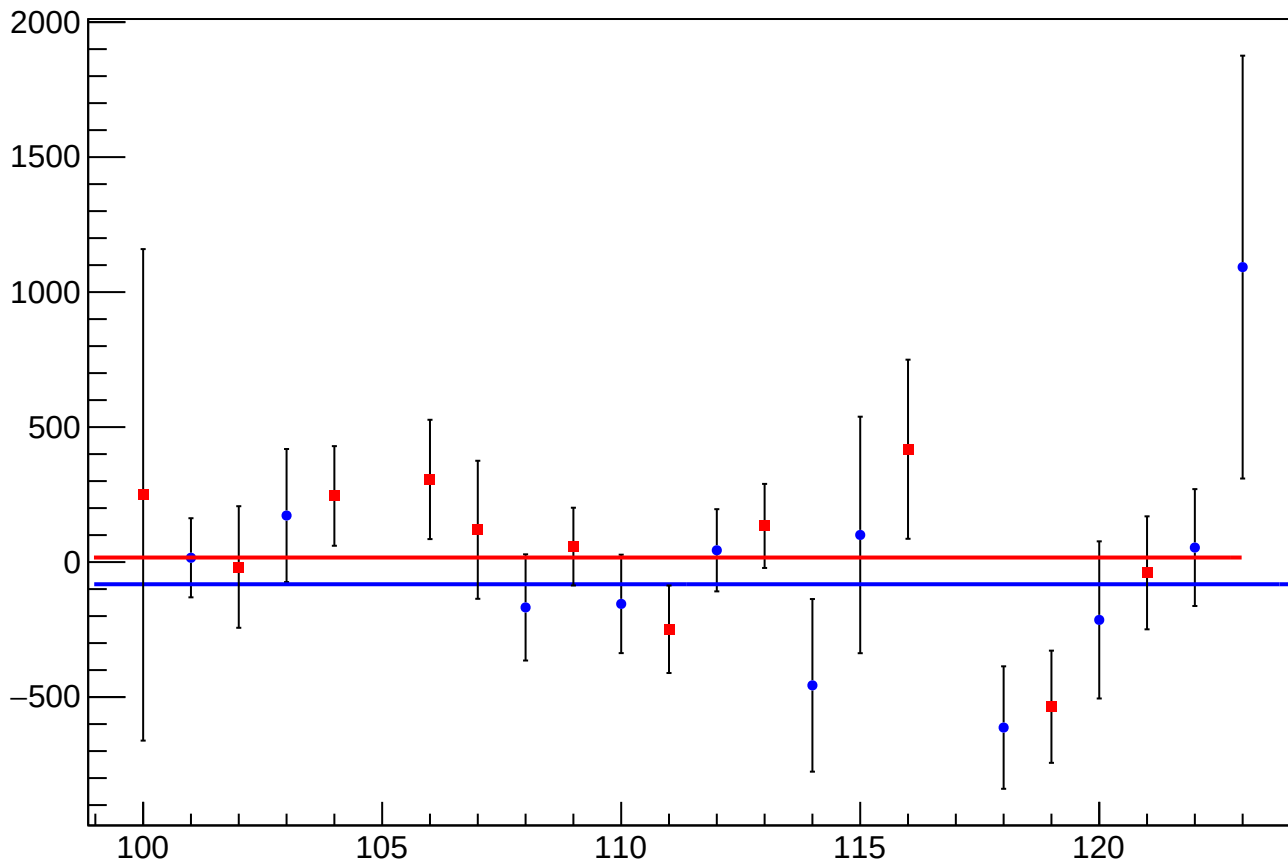
Right: 1119.465+/-0.279 χ^2/NDF : 1348742.5/21

In: 1161.807+/-0.420 χ^2/NDF : 631216.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.465+/-0.279 χ^2/NDF : 1348742.5/21

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -82.068+/-65.747 χ^2/NDF : 12.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.911+/-60.997 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

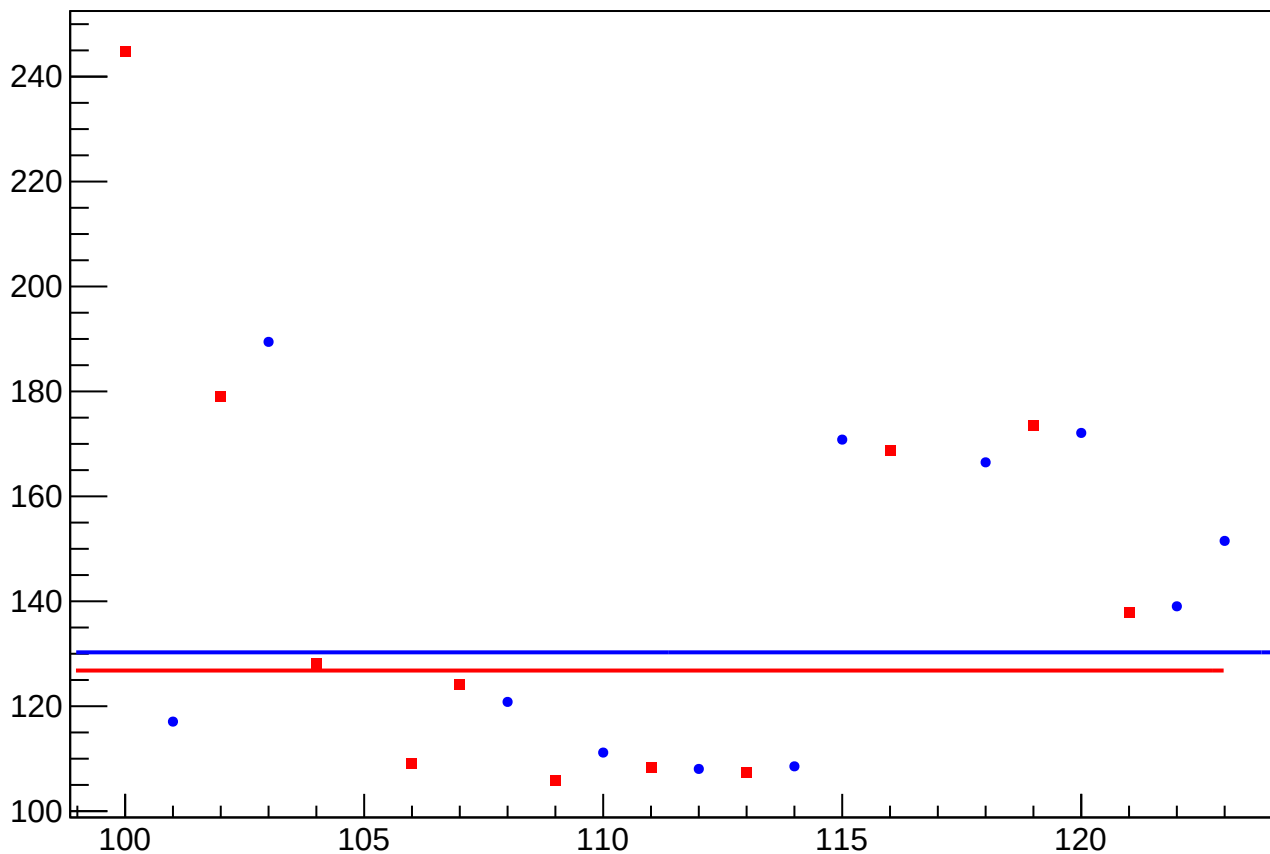
Right: -28.874+/-44.716 χ^2/NDF : 29.1/21

In: -82.068+/-65.747 χ^2/NDF :12.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -28.874+/-44.716 χ^2/NDF : 29.1/21

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 130.269+/-0.046 χ^2/NDF : 324150.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.802+/-0.043 χ^2/NDF : 392758.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

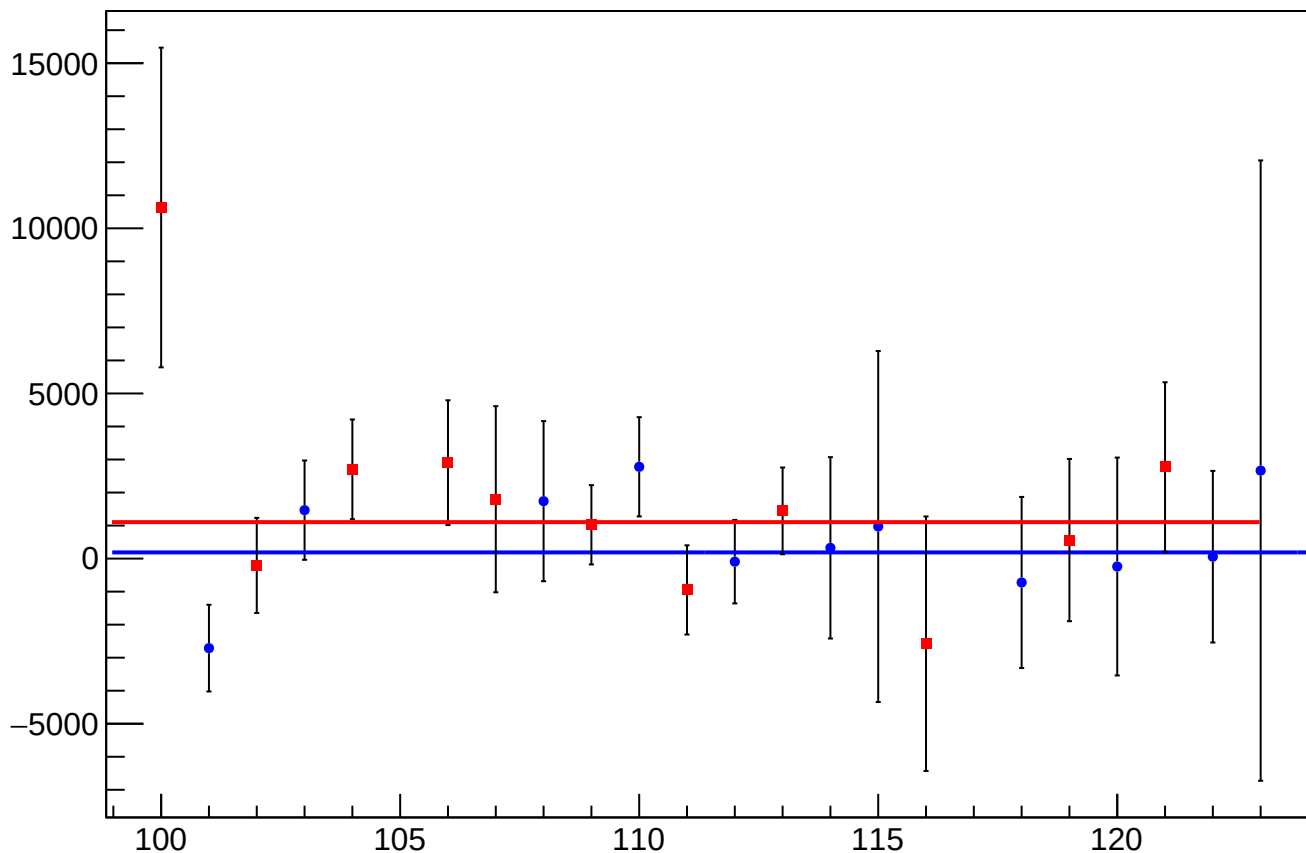
Right: 128.406+/-0.032 χ^2/NDF : 719899.6/21

In: 130.269+/-0.046 χ^2/NDF : 324150.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.406+/-0.032 χ^2/NDF : 719899.6/21

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 187.335+/-594.392 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.319+/-528.750 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

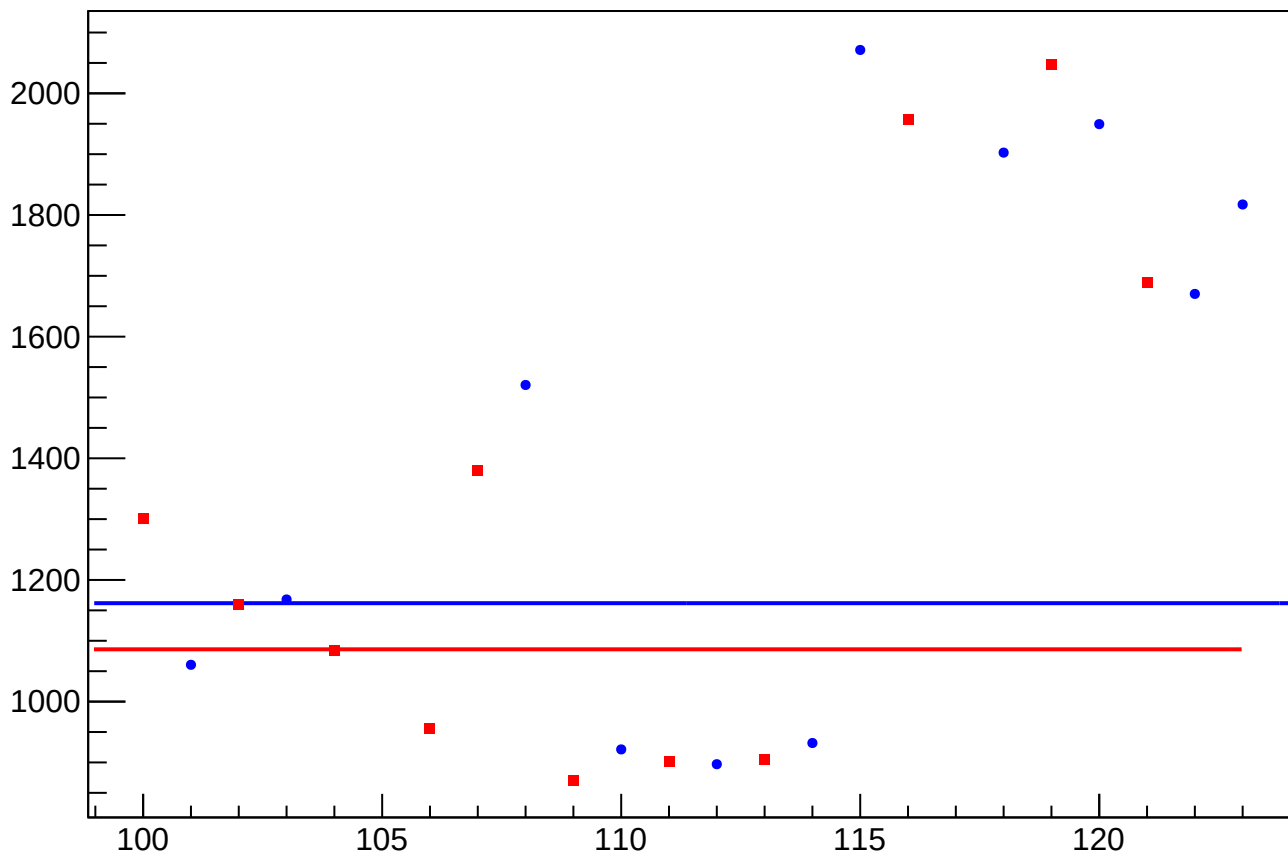
Right: 699.238+/-395.060 χ^2/NDF : 21.2/21

In: 187.335+/-594.392 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.238+/-395.060 χ^2/NDF : 21.2/21

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1161.807+/-0.420 χ^2/NDF : 631216.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.959+/-0.374 χ^2/NDF : 699345.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

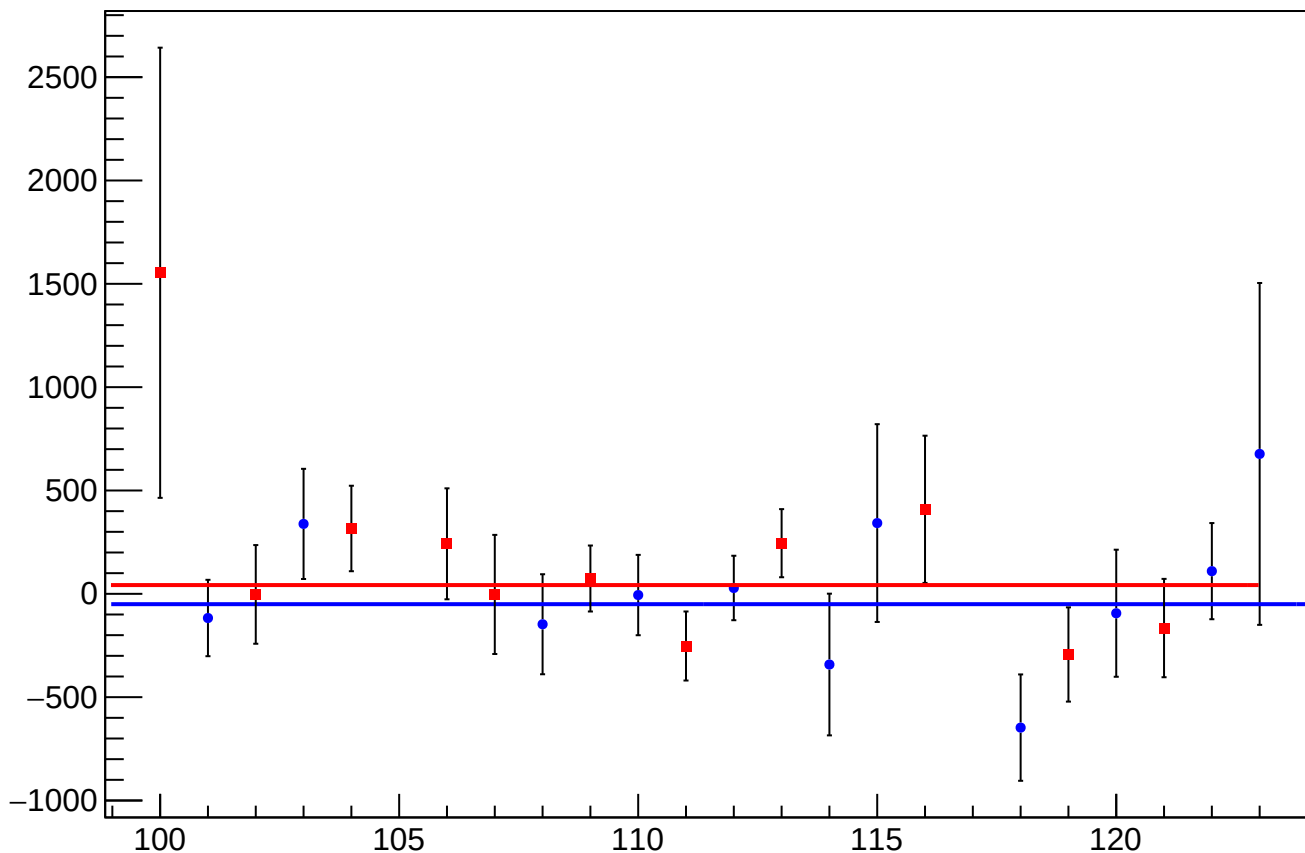
Right: 1119.465+/-0.279 χ^2/NDF : 1348742.5/21

In: 1161.807+/-0.420 χ^2/NDF : 631216.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.465+/-0.279 χ^2/NDF : 1348742.5/21

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -50.039+/-73.223 χ^2 /NDF: 10.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 42.393+/-66.757 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

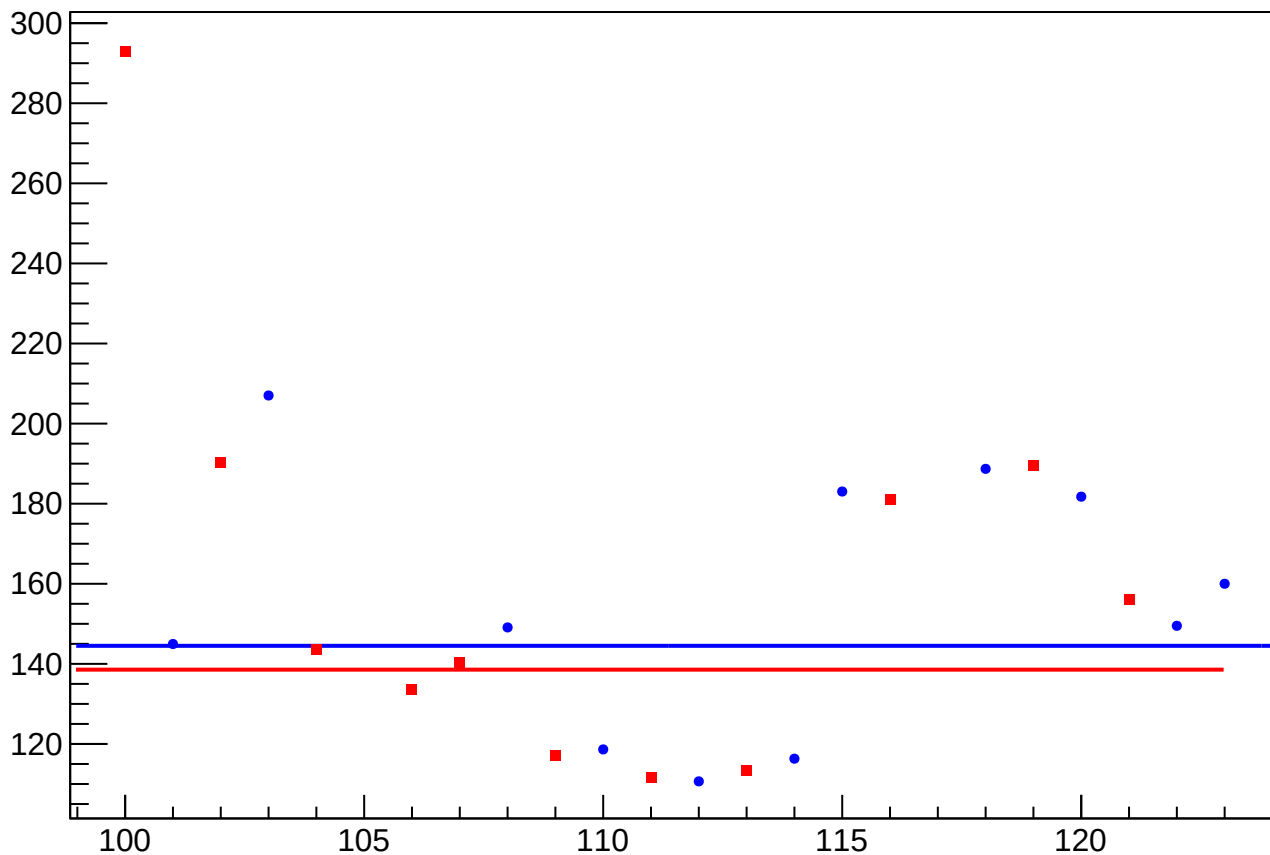
Right: 0.438+/-49.332 χ^2 /NDF: 24.6/21

In: -50.039+/-73.223 χ^2 /NDF:10.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.438+/-49.332 χ^2 /NDF: 24.6/21

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.508+/-0.052 χ^2/NDF : 356843.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.557+/-0.047 χ^2/NDF : 409774.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

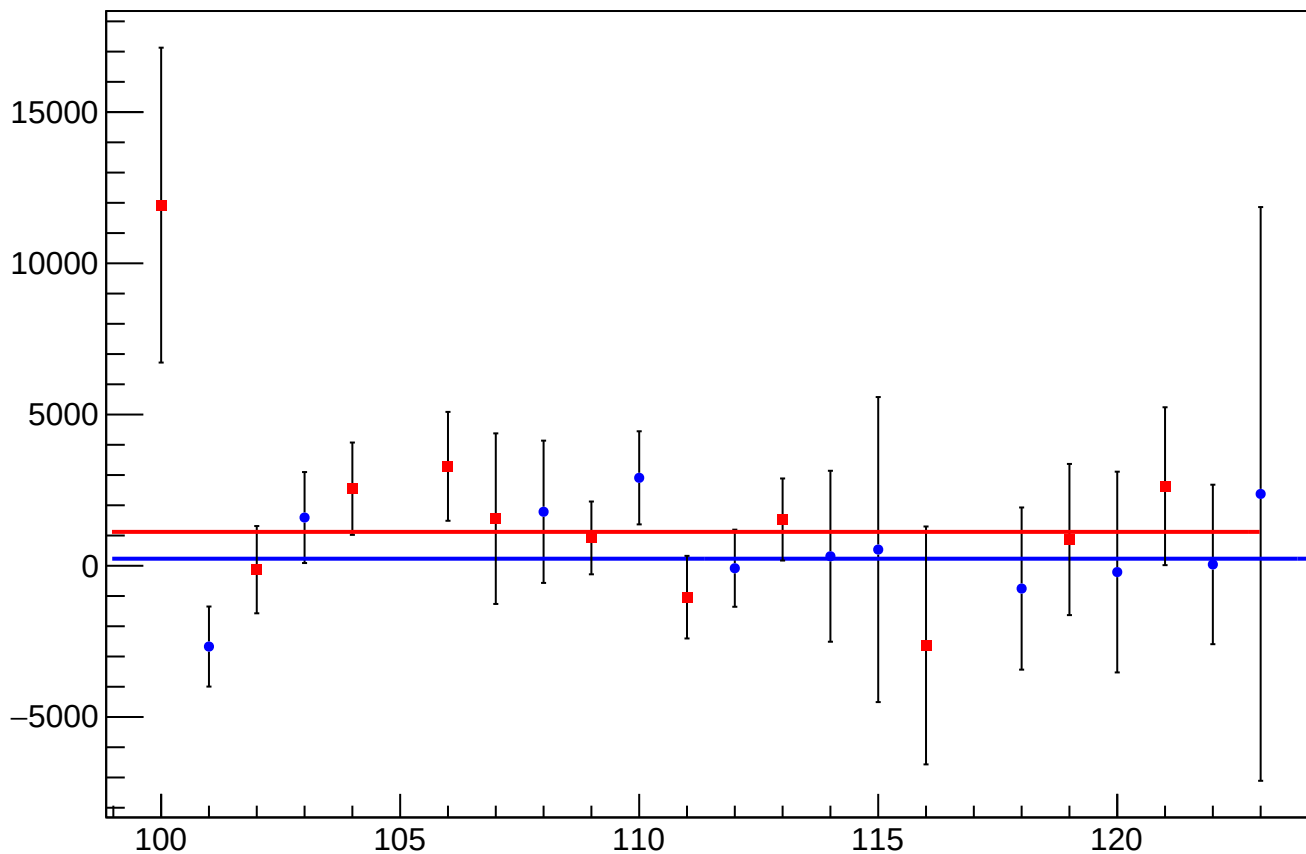
Right: 141.258+/-0.035 χ^2/NDF : 773830.9/21

In: 144.508+/-0.052 χ^2/NDF : 356843.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.258+/-0.035 χ^2/NDF : 773830.9/21

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 233.753+/-599.701 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1120.624+/-532.791 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

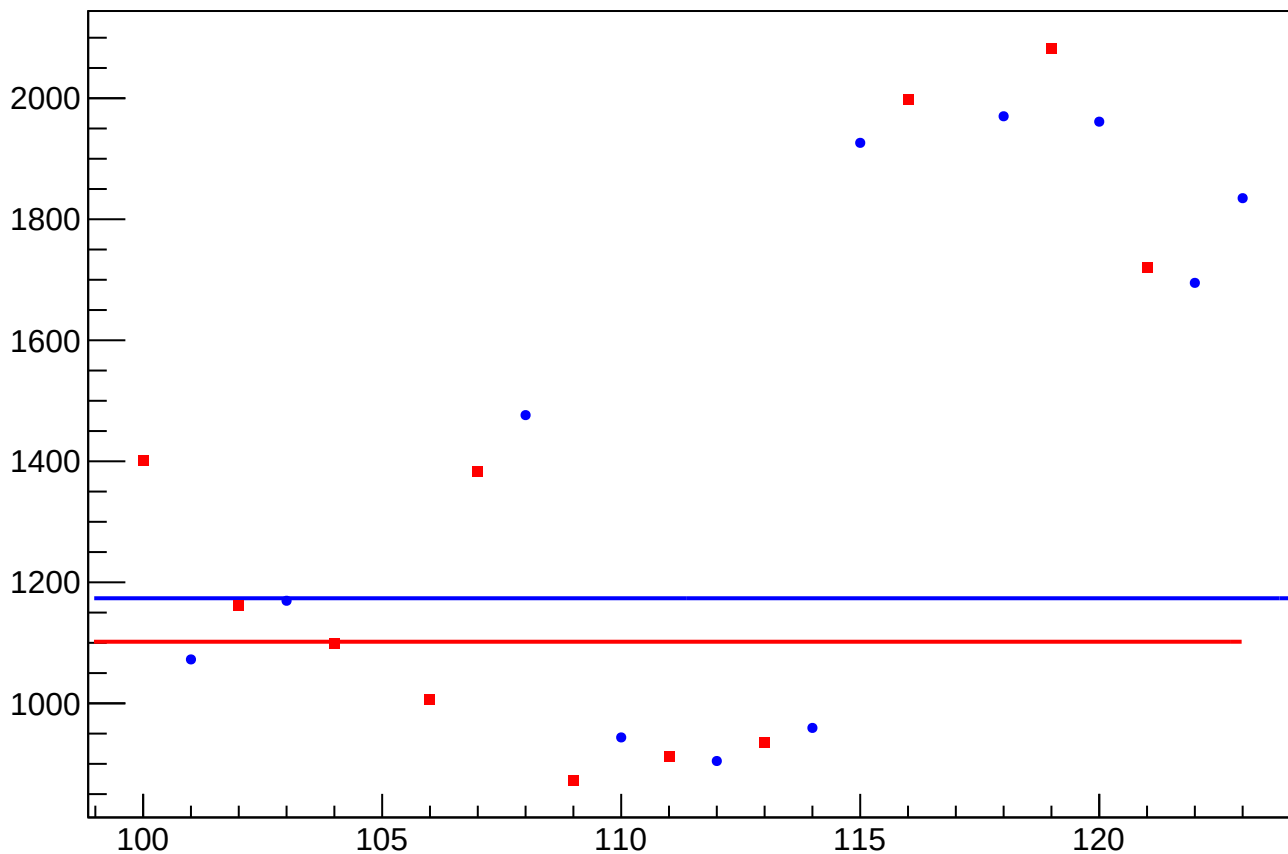
Right: 729.404+/-398.304 χ^2/NDF : 21.9/21

In: 233.753+/-599.701 χ^2/NDF : 9.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.404+/-398.304 χ^2/NDF : 21.9/21

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1173.673+/-0.424 χ^2/NDF : 611631.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1101.824+/-0.377 χ^2/NDF : 699983.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

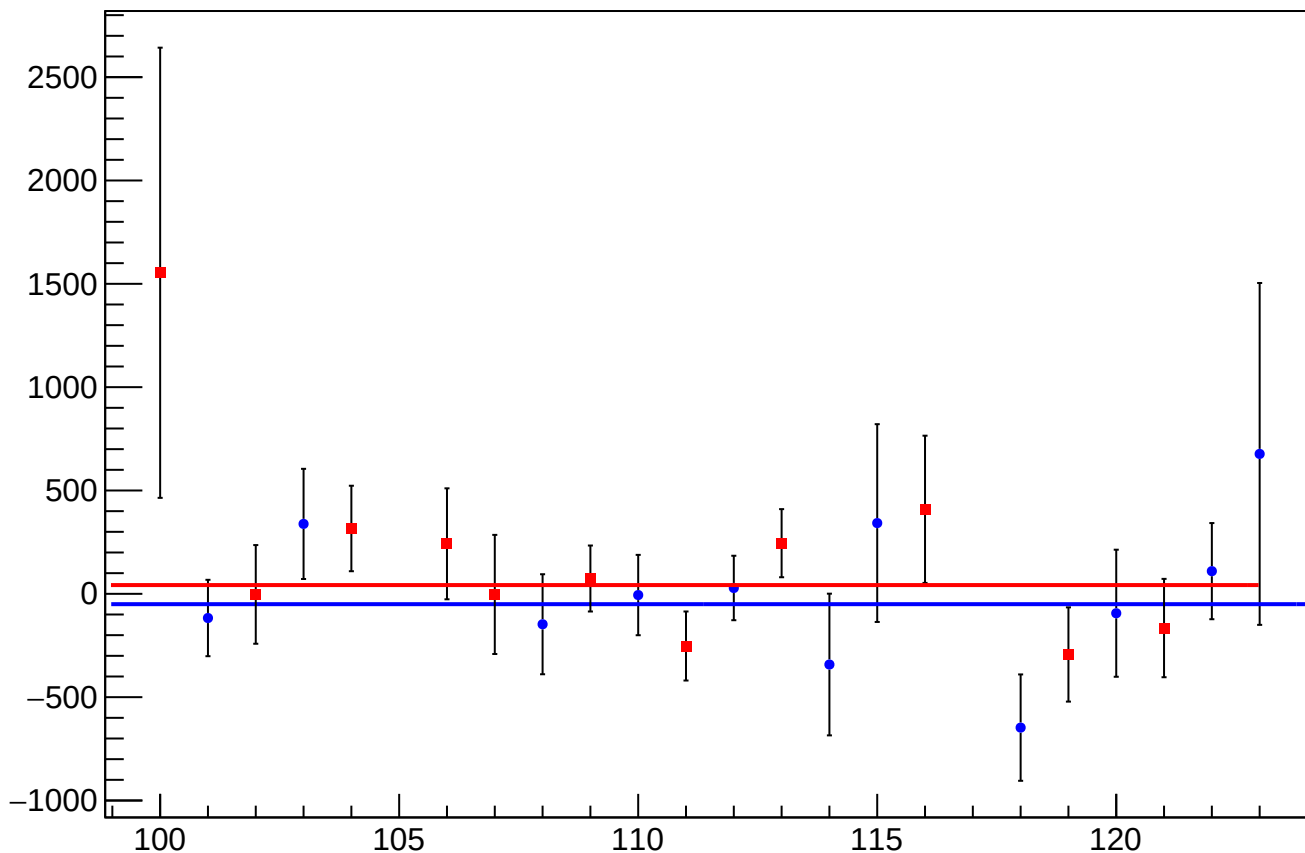
Right: 1133.518+/-0.282 χ^2/NDF : 1327659.6/21

In: 1173.673+/-0.424 χ^2/NDF : 611631.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.518+/-0.282 χ^2/NDF : 1327659.6/21

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -50.039+/-73.223 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.392+/-66.757 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

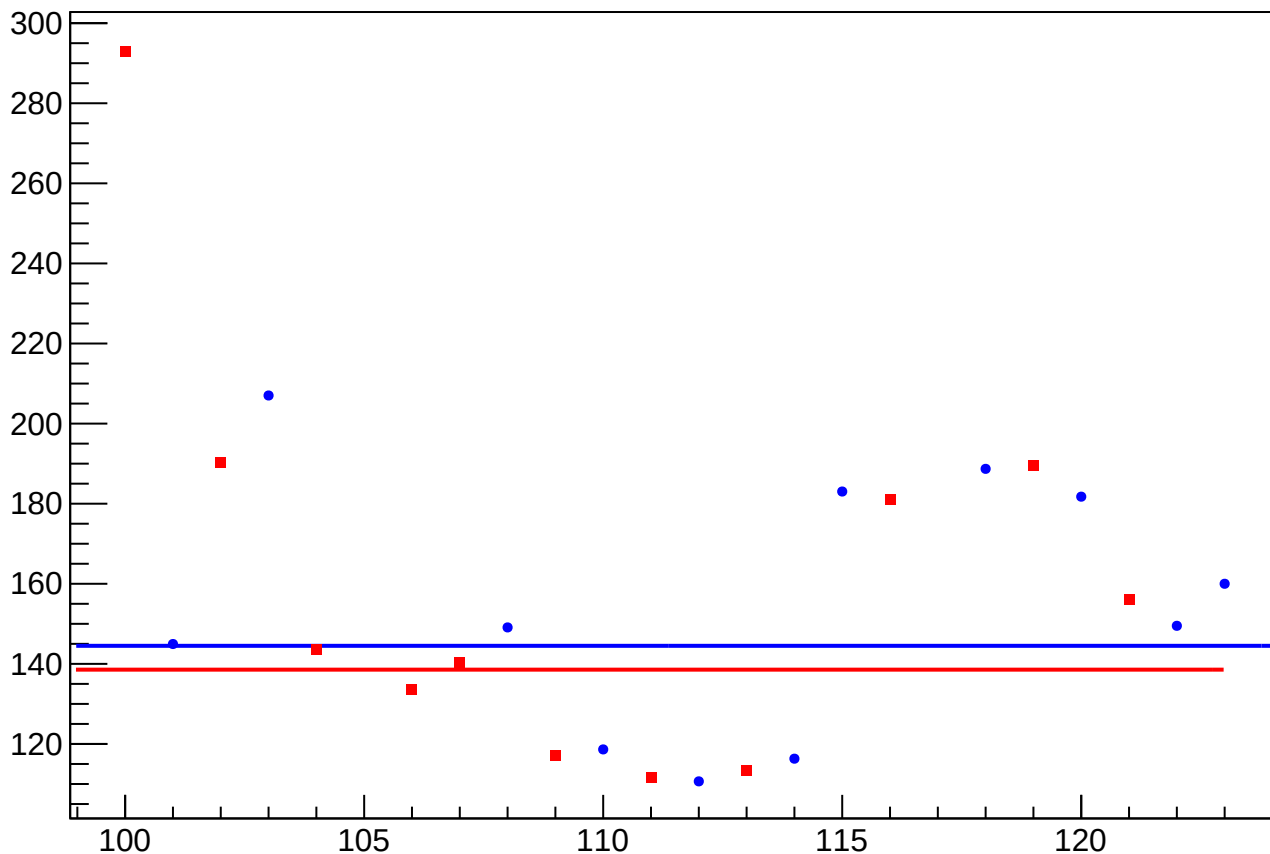
Right: 0.437+/-49.332 χ^2/NDF : 24.6/21

In: -50.039+/-73.223 χ^2/NDF :10.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.437+/-49.332 χ^2/NDF : 24.6/21

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.508 $\pm$ 0.052 χ^2 /NDF: 356848.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.557 $\pm$ 0.047 χ^2 /NDF: 409777.0/10

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

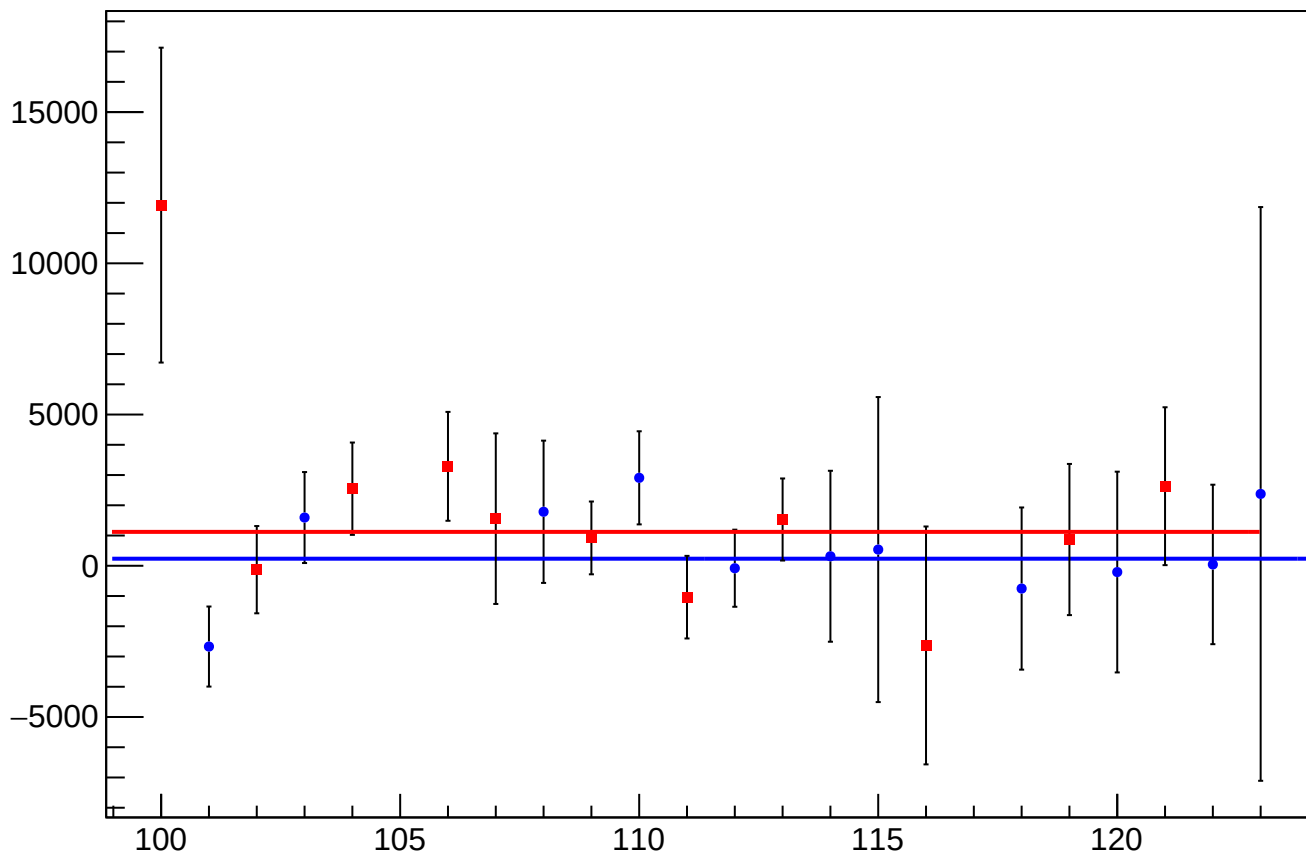
Right: 141.258 $\pm$ 0.035 χ^2 /NDF: 773838.3/21

In: 144.508 $\pm$ 0.052 χ^2 /NDF:356848.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.258 $\pm$ 0.035 χ^2 /NDF: 773838.3/21

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 233.753 $\pm$ 599.701 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1120.623 $\pm$ 532.791 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

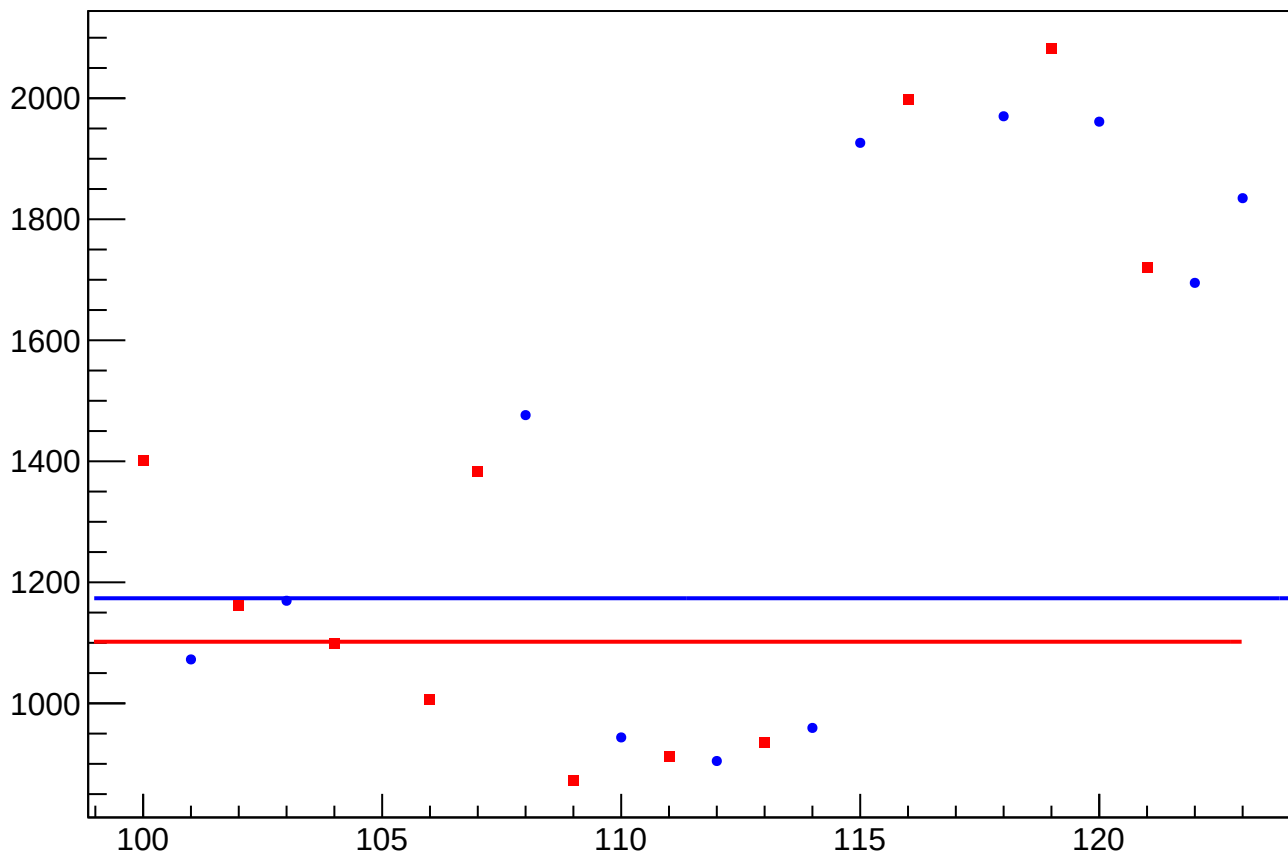
Right: 729.404 $\pm$ 398.304 χ^2 /NDF: 21.9/21

In: 233.753 $\pm$ 599.701 χ^2 /NDF:9.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 729.404 $\pm$ 398.304 χ^2 /NDF: 21.9/21

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1173.672+/-0.424 χ^2/NDF : 611633.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1101.822+/-0.377 χ^2/NDF : 699986.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

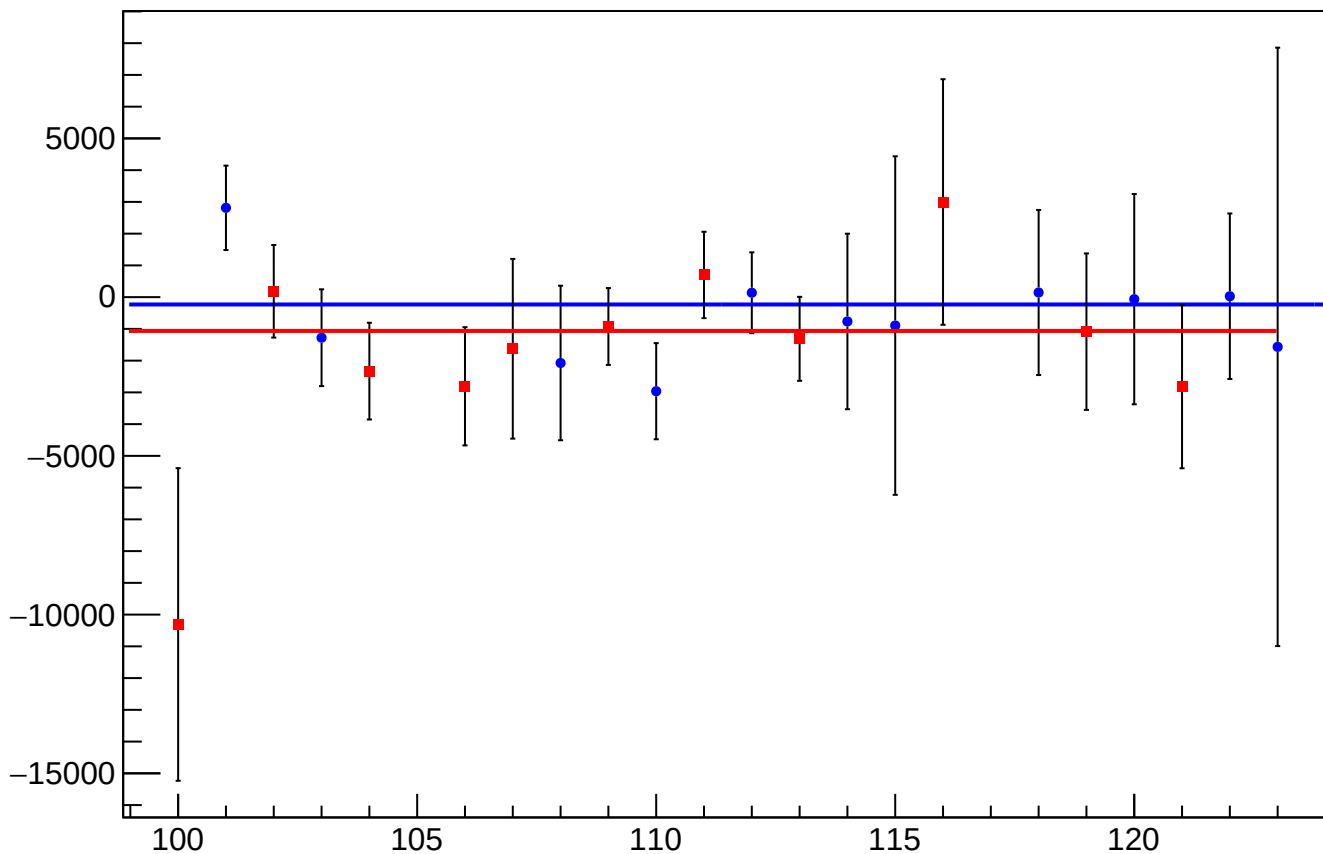
Right: 1133.517+/-0.282 χ^2/NDF : 1327664.7/21

In: 1173.672+/-0.424 χ^2/NDF : 611633.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.517+/-0.282 χ^2/NDF : 1327664.7/21

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -231.095+/-599.532 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1065.242+/-532.010 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

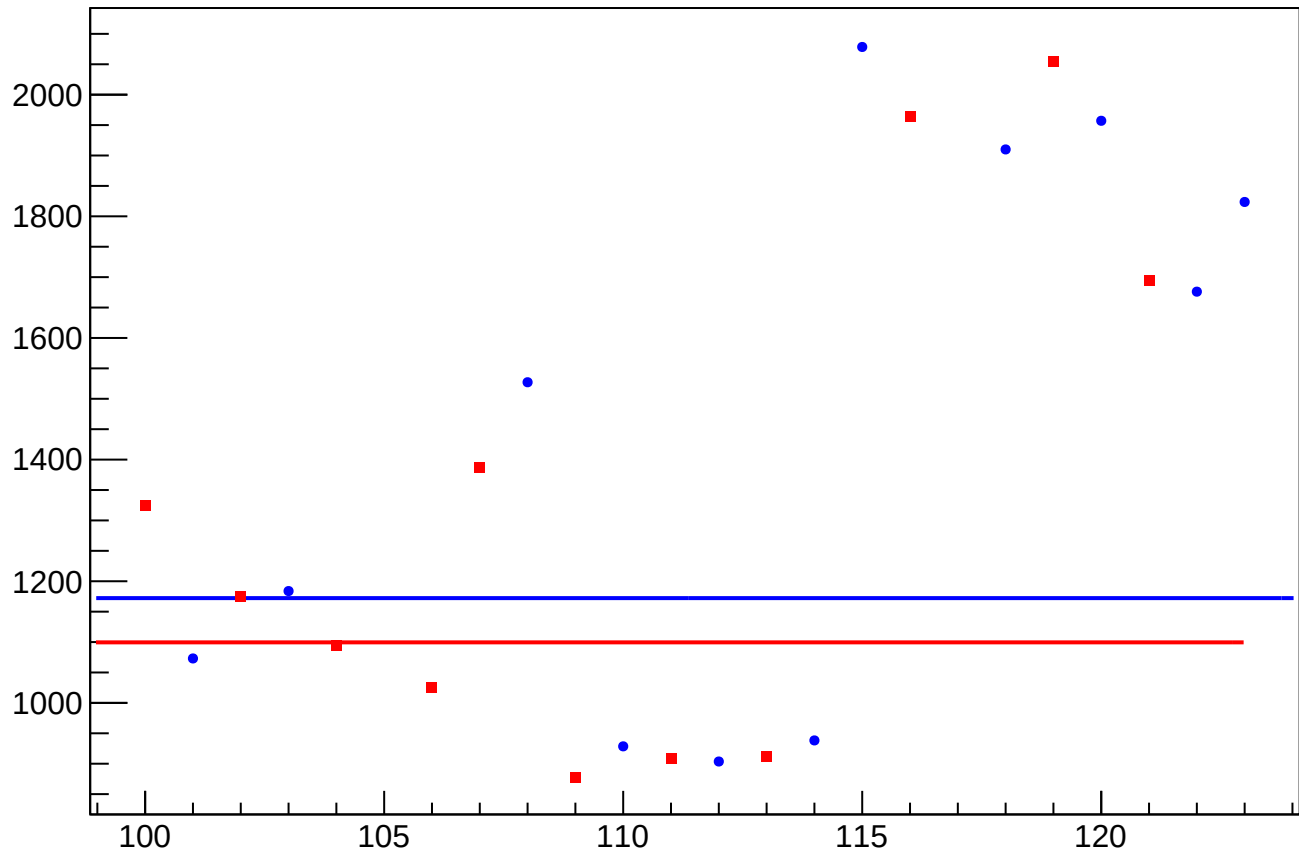
Right: -697.767+/-397.928 χ^2/NDF : 20.0/21

In: -231.095+/-599.532 χ^2/NDF :9.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -697.767+/-397.928 χ^2/NDF : 20.0/21

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1172.269+/-0.424 χ^2/NDF : 624275.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.517+/-0.376 χ^2/NDF : 687773.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

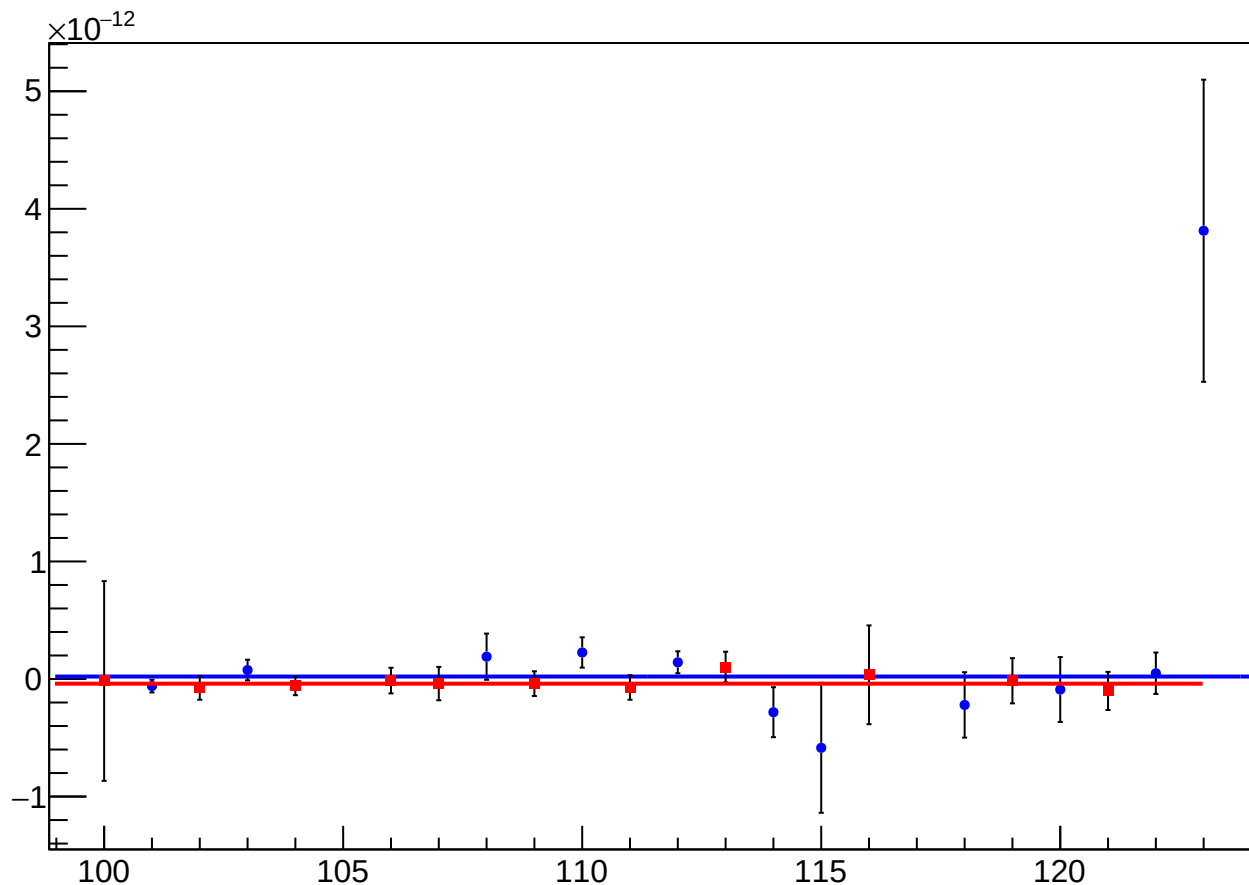
Right: 1131.567+/-0.281 χ^2/NDF : 1328525.7/21

In: 1172.269+/-0.424 χ^2/NDF : 624275.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.567+/-0.281 χ^2/NDF : 1328525.7/21

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.4/10

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

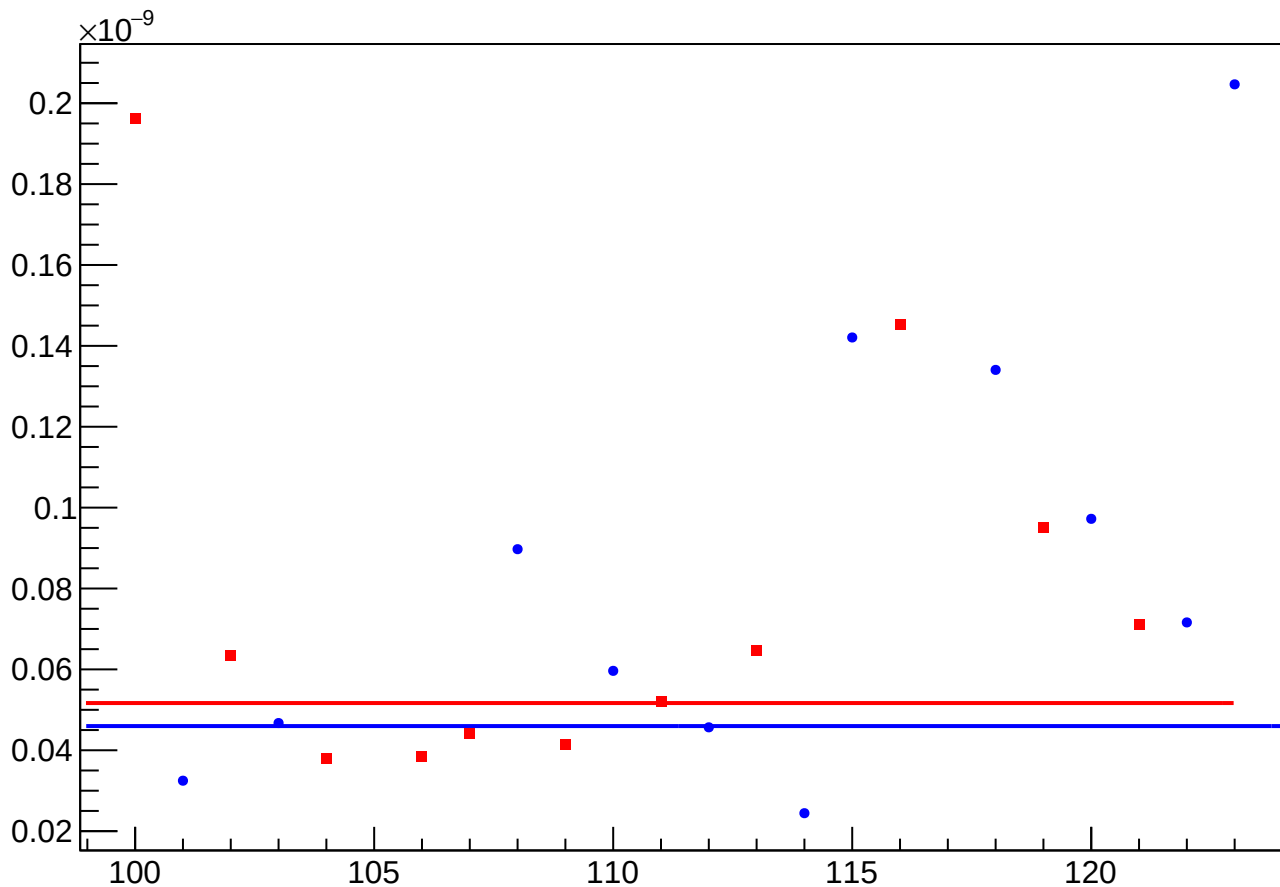
Right: -0.000+/-0.000 χ^2/NDF : 23.5/21

In: 0.000+/-0.000 χ^2/NDF : 20.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/21

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 668848.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 447799.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

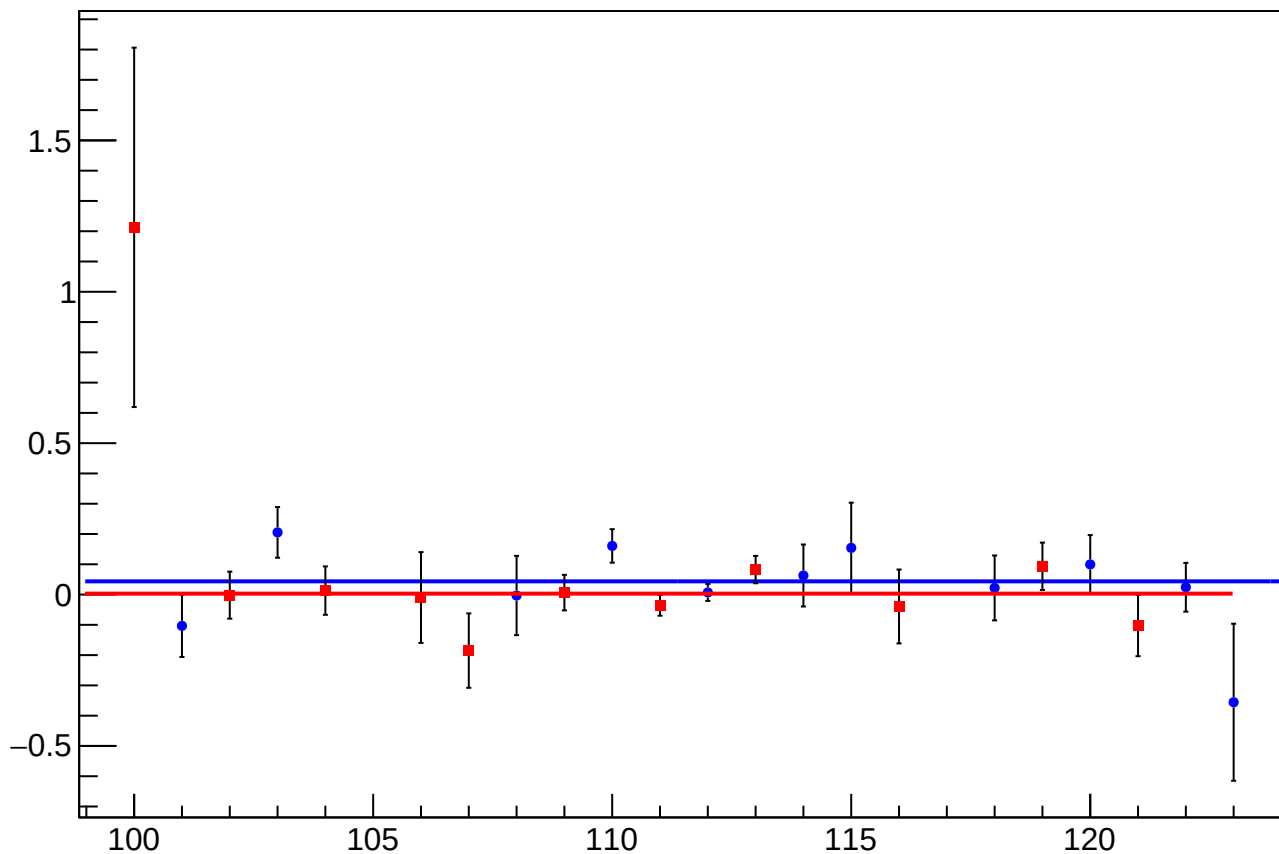
Right: 0.000+/-0.000 χ^2/NDF : 1140245.3/21

In: 0.000+/-0.000 χ^2/NDF : 668848.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1140245.3/21

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.020 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

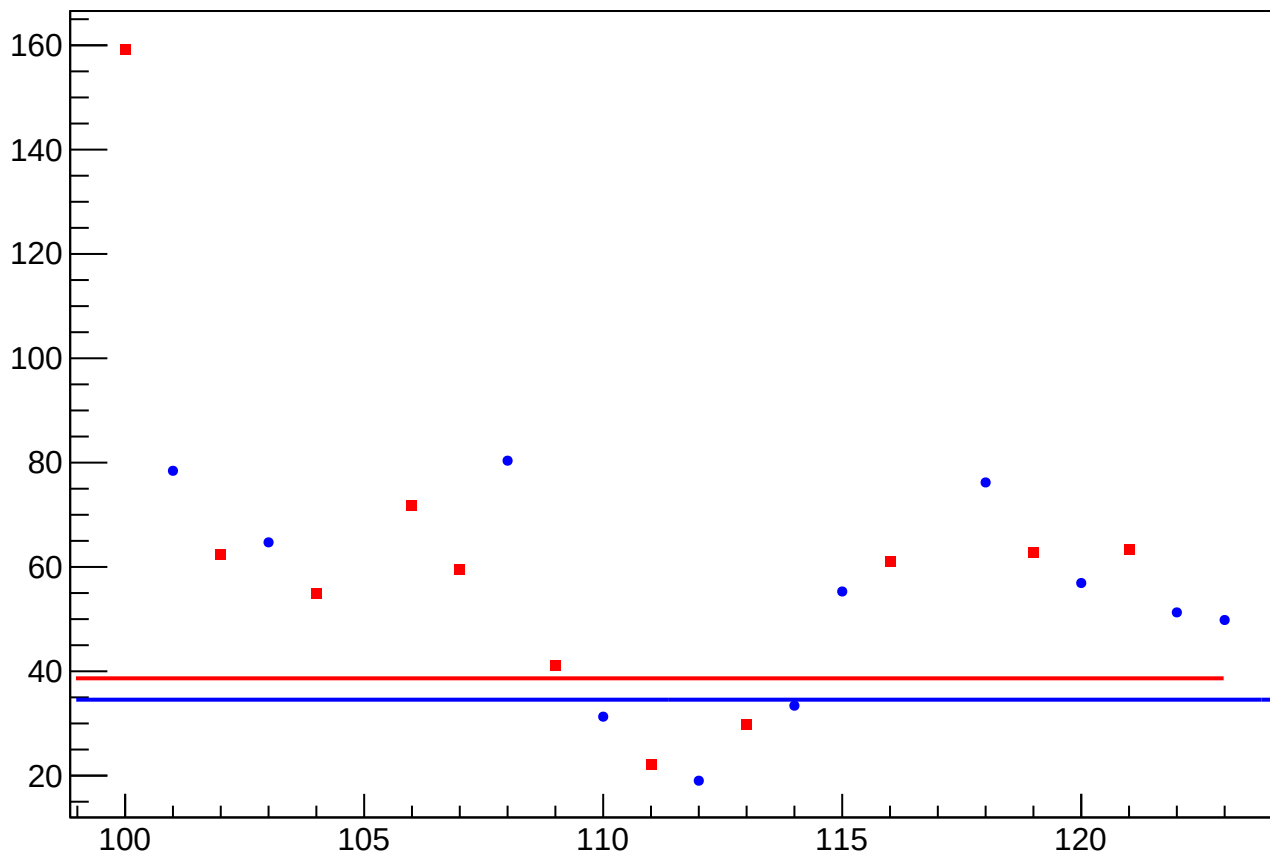
Right: 0.023+/-0.014 χ^2/NDF : 30.9/21

In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.014 χ^2/NDF : 30.9/21

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.557+/-0.014 χ^2/NDF : 2029038.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.651+/-0.014 χ^2/NDF : 1424162.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

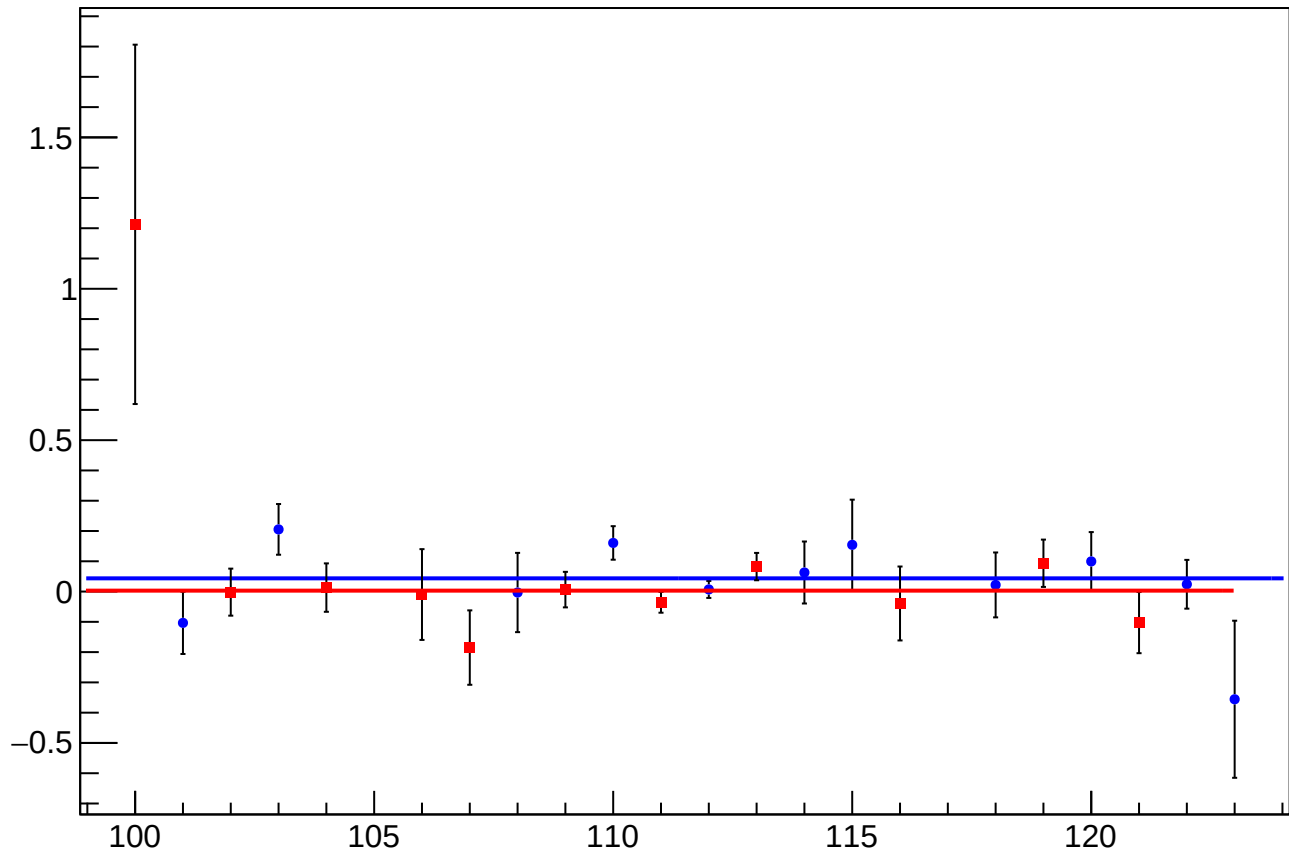
Right: 36.604+/-0.010 χ^2/NDF : 3493348.4/21

In: 34.557+/-0.014 χ^2/NDF : 2029038.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.604+/-0.010 χ^2/NDF : 3493348.4/21

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.020 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

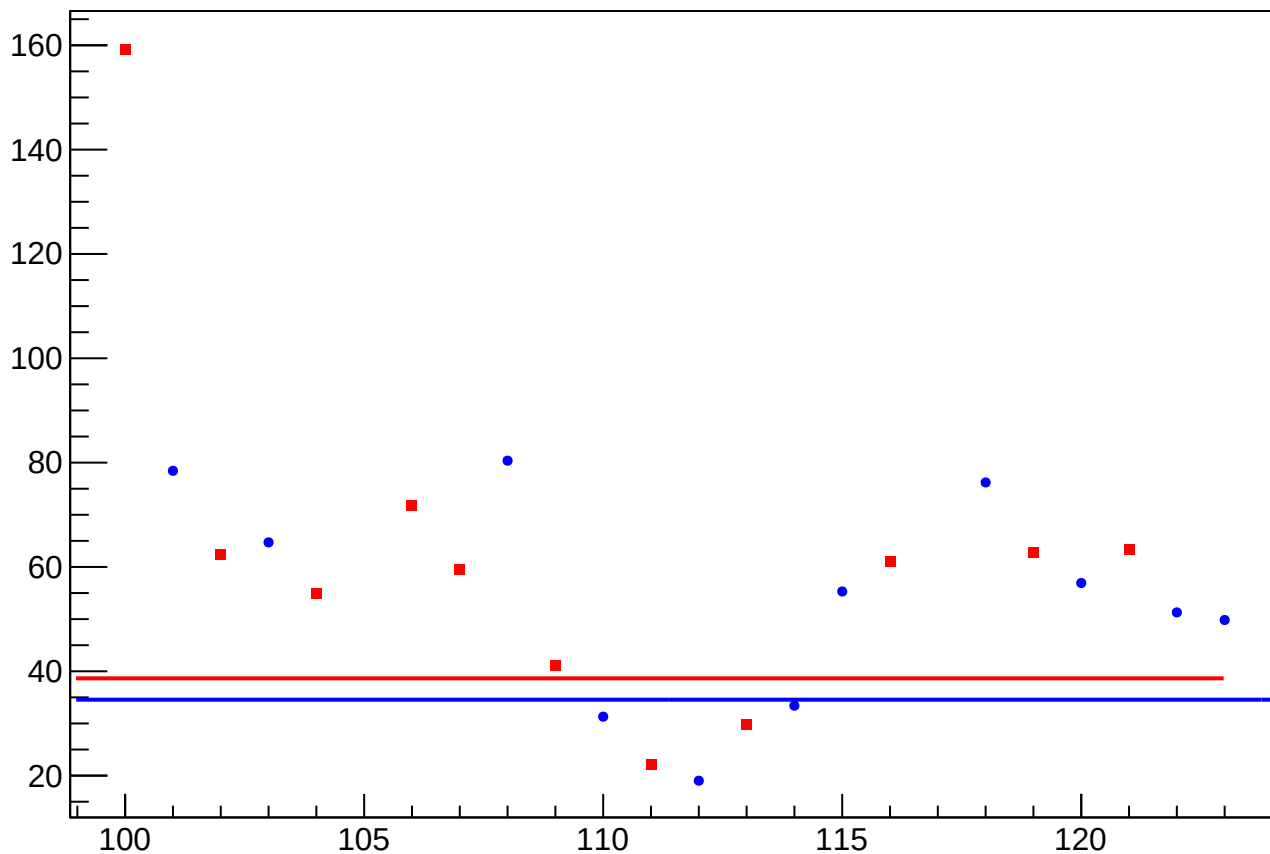
Right: 0.023+/-0.014 χ^2/NDF : 30.9/21

In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.014 χ^2/NDF : 30.9/21

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.557+/-0.014 χ^2/NDF : 2029038.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.651+/-0.014 χ^2/NDF : 1424162.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

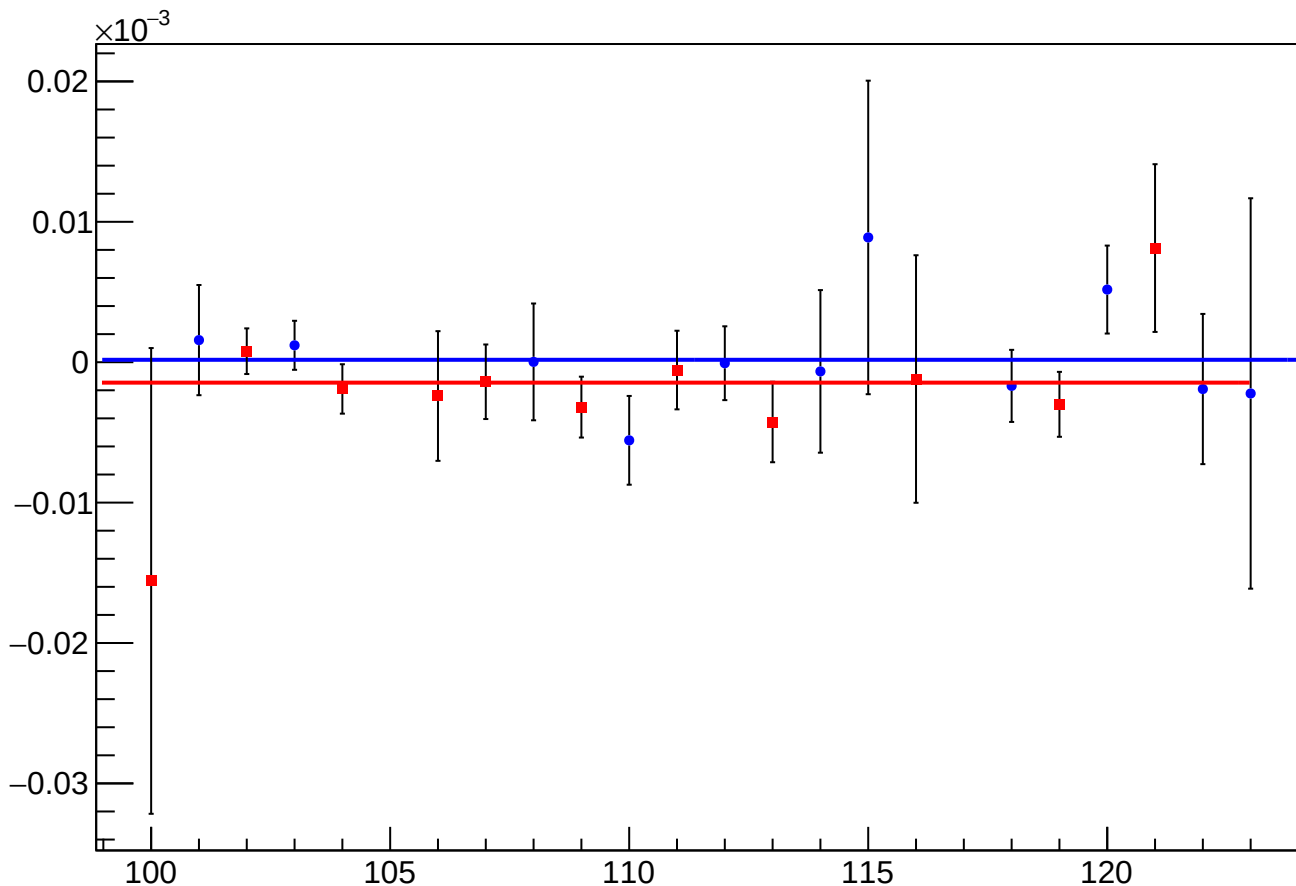
Right: 36.604+/-0.010 χ^2/NDF : 3493348.4/21

In: 34.557+/-0.014 χ^2/NDF : 2029038.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.604+/-0.010 χ^2/NDF : 3493348.4/21

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

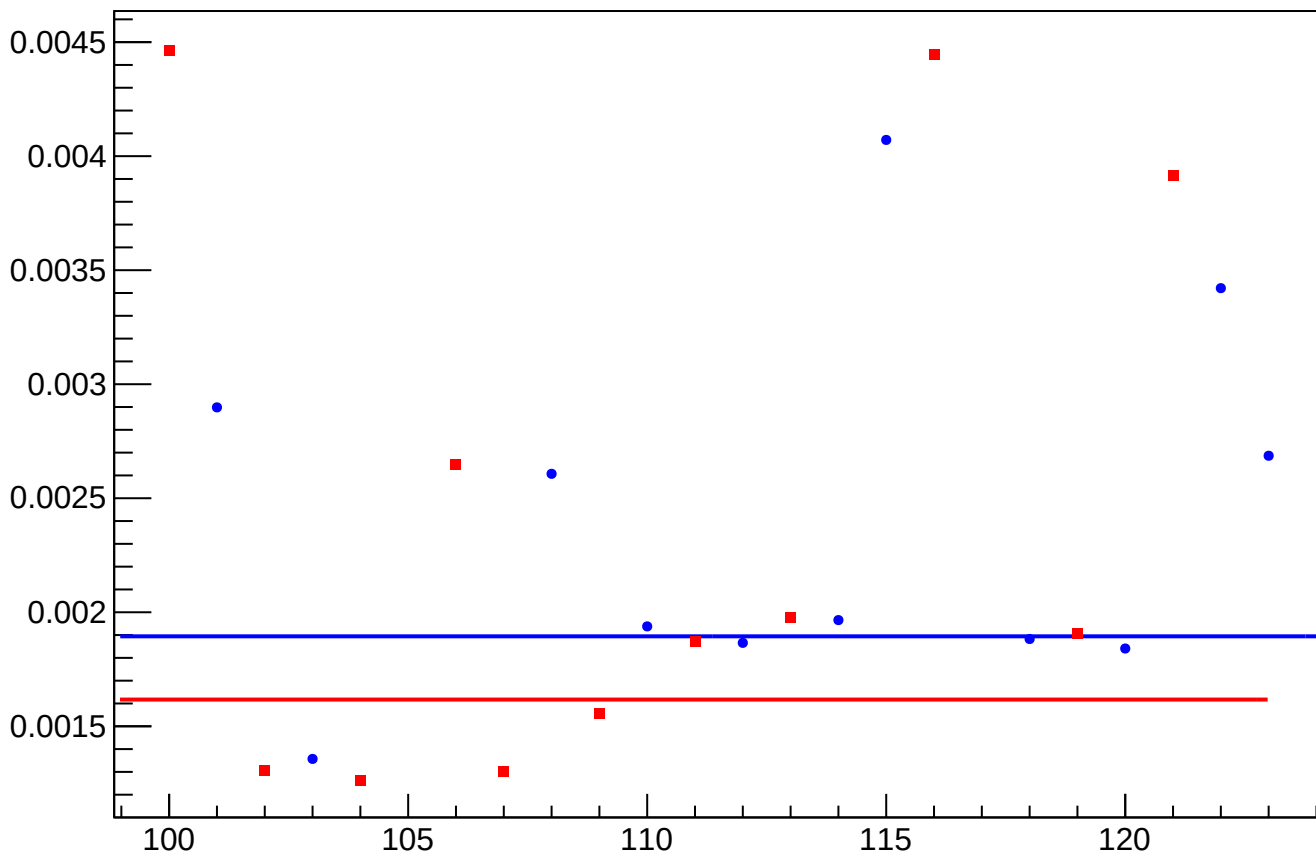
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/21

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/21

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 626153.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 923947.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

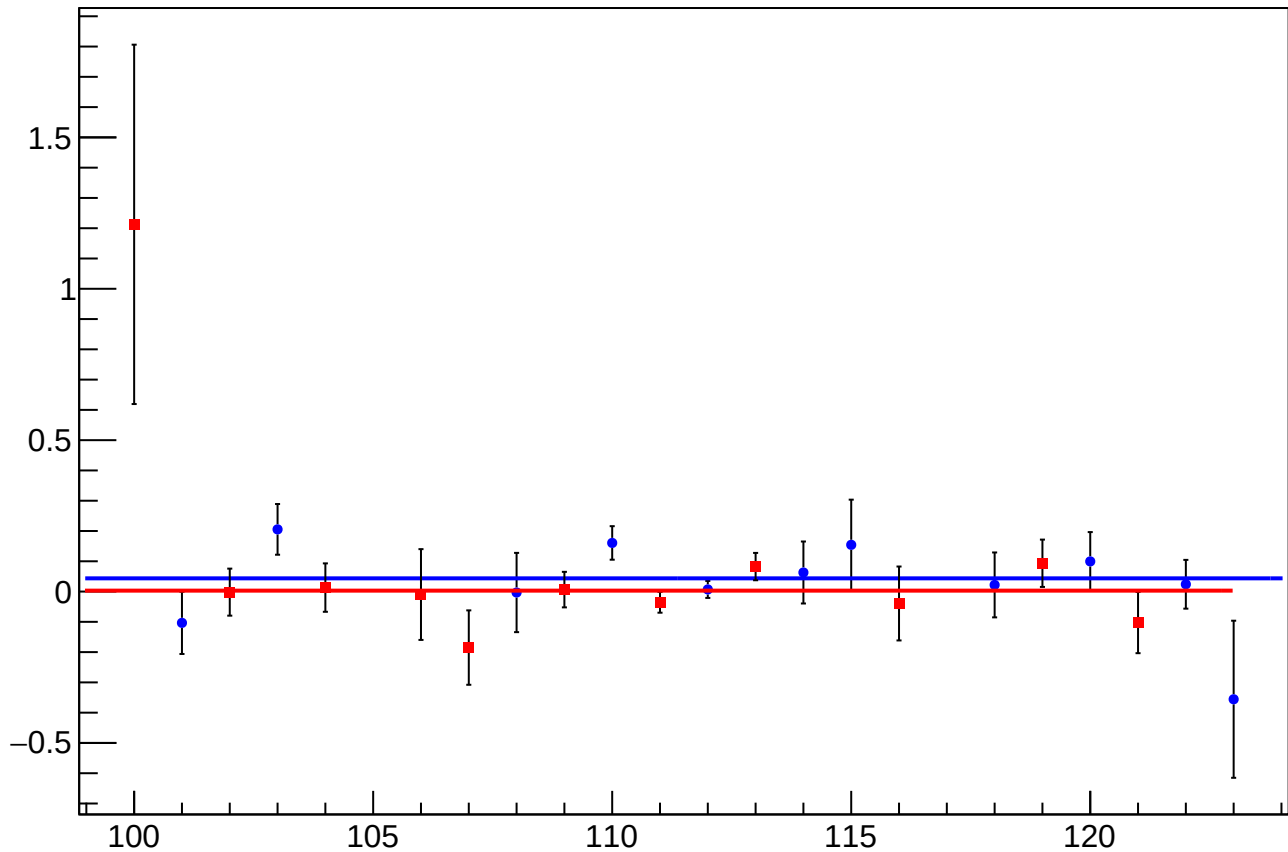
Right: 0.002+/-0.000 χ^2/NDF : 1645911.6/21

In: 0.002+/-0.000 χ^2/NDF :626153.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1645911.6/21

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.020 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

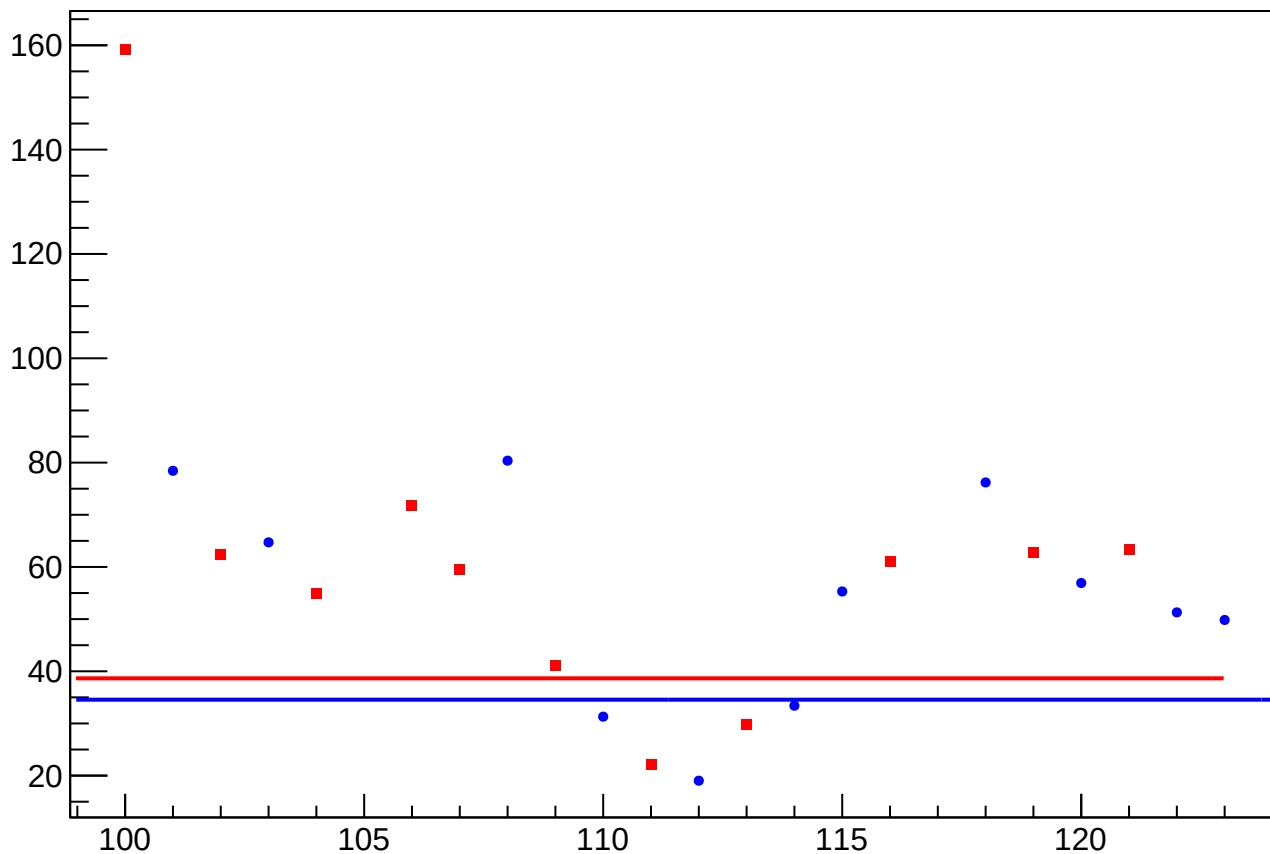
Right: 0.023+/-0.014 χ^2/NDF : 30.9/21

In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.014 χ^2/NDF : 30.9/21

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.556+/-0.014 χ^2/NDF : 2029148.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.650+/-0.014 χ^2/NDF : 1424272.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

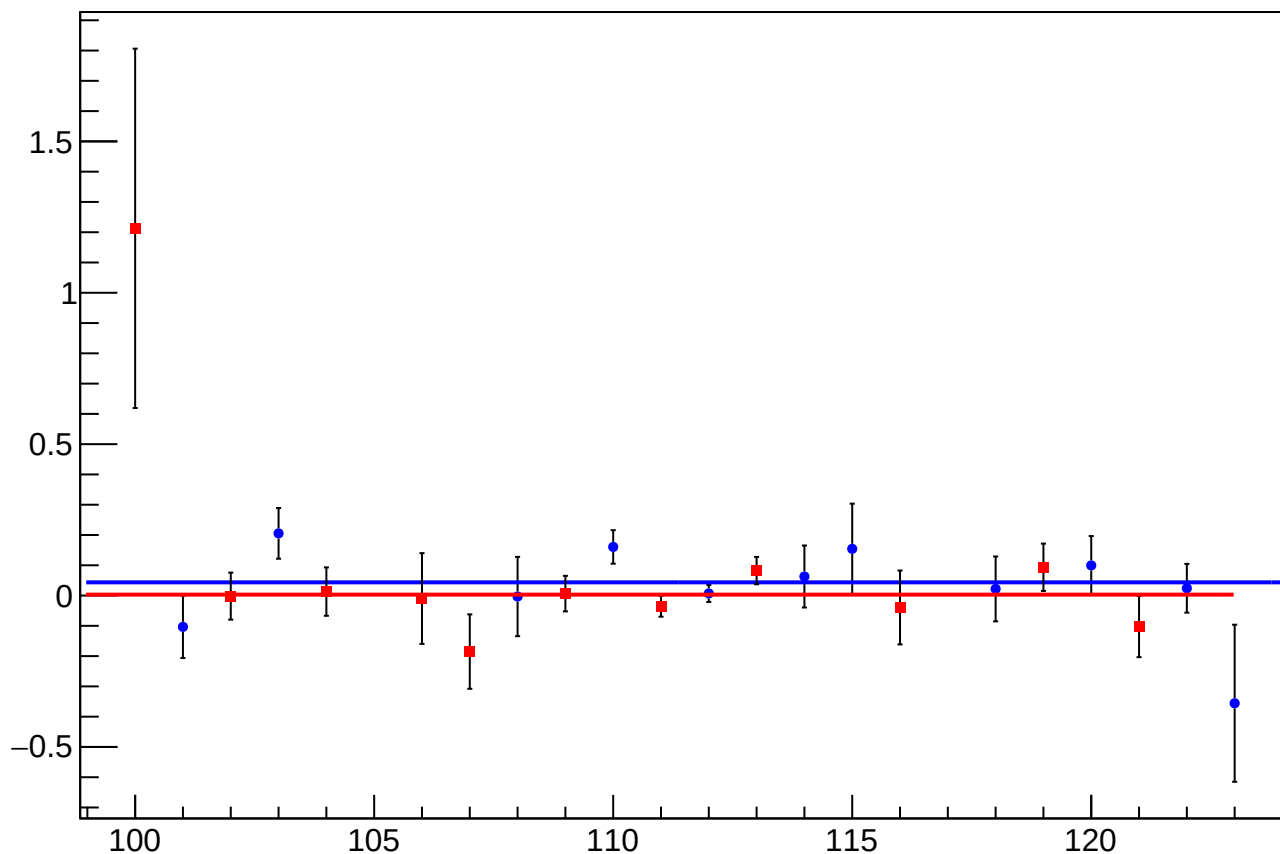
Right: 36.603+/-0.010 χ^2/NDF : 3493568.1/21

In: 34.556+/-0.014 χ^2/NDF : 2029148.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.603+/-0.010 χ^2/NDF : 3493568.1/21

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.020 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

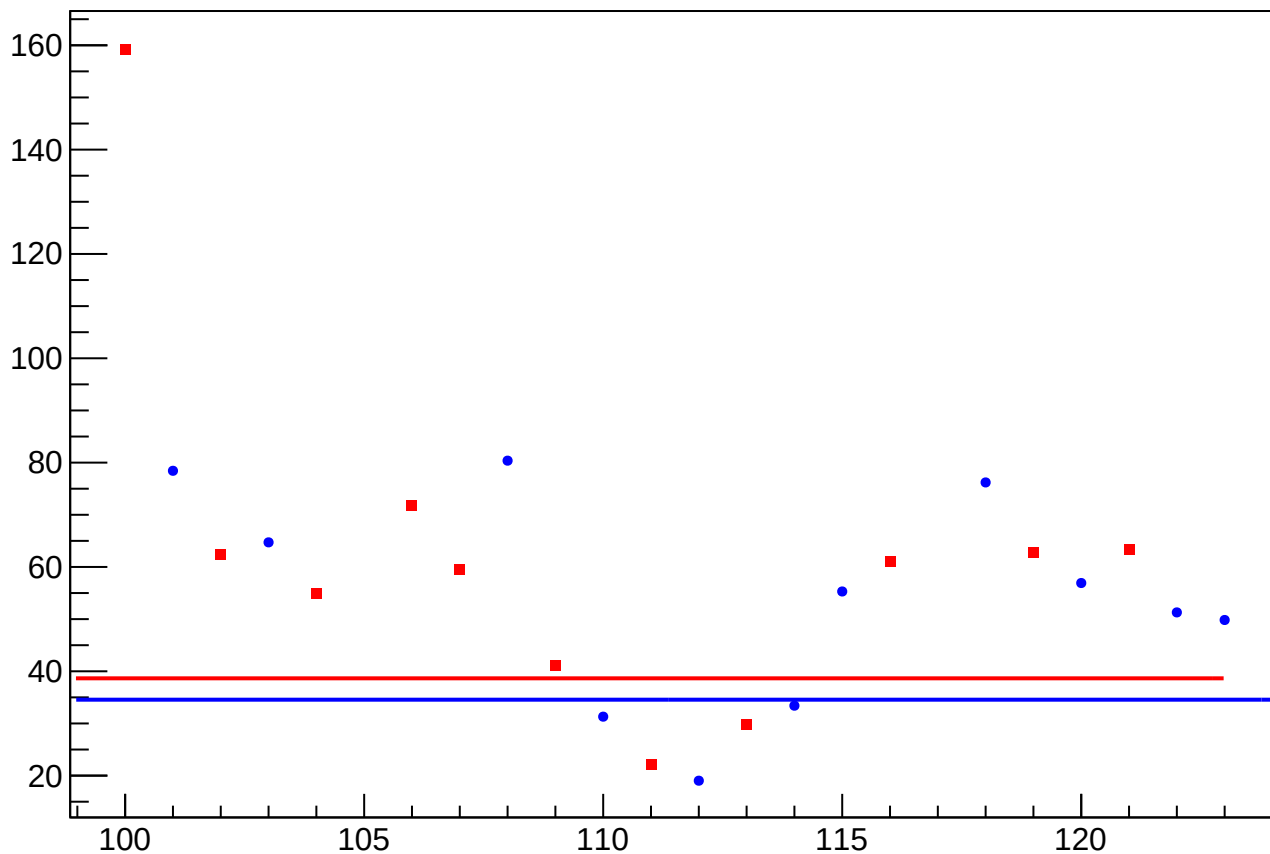
Right: 0.023+/-0.014 χ^2/NDF : 30.9/21

In: 0.044+/-0.020 χ^2/NDF : 15.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.014 χ^2/NDF : 30.9/21

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.556+/-0.014 χ^2/NDF : 2029148.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.650+/-0.014 χ^2/NDF : 1424272.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

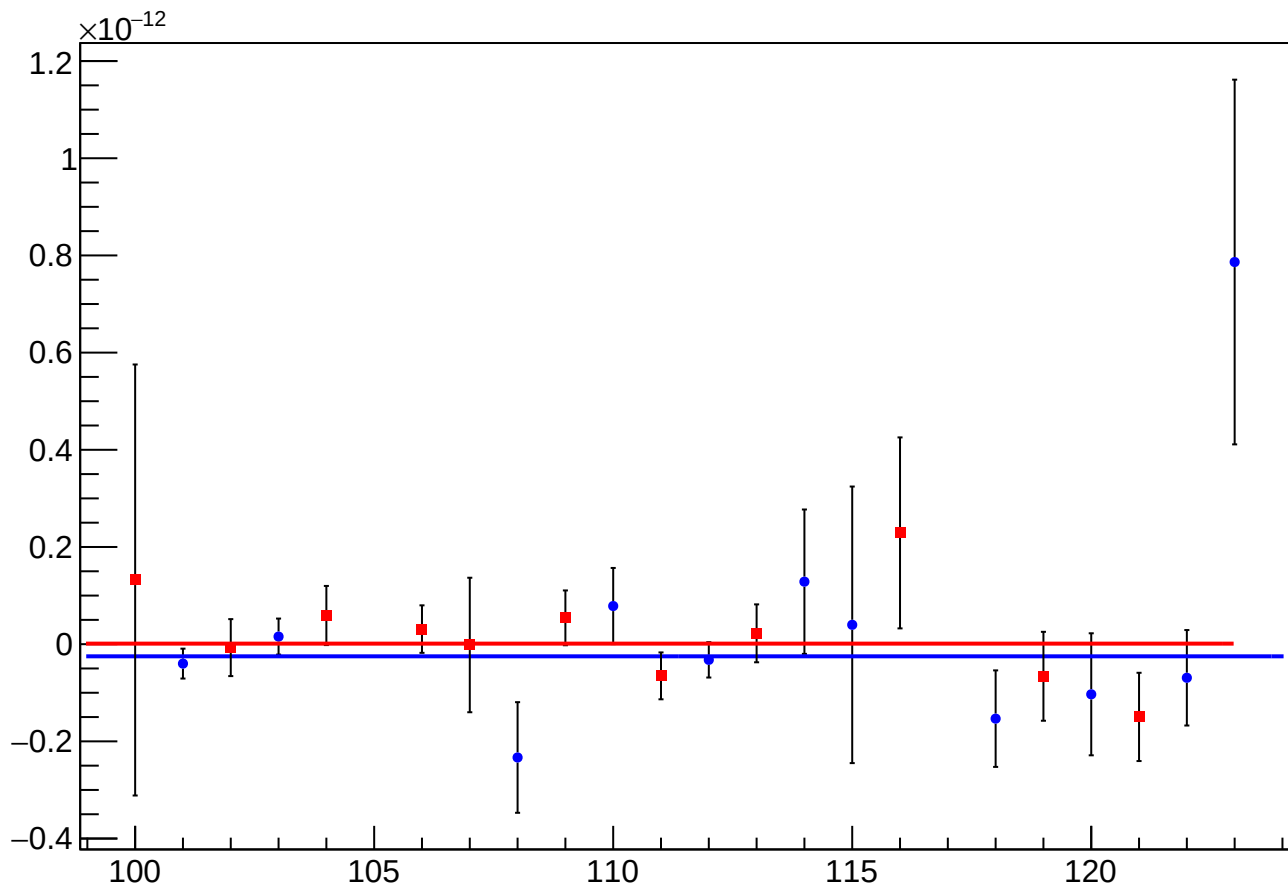
Right: 36.603+/-0.010 χ^2/NDF : 3493568.1/21

In: 34.556+/-0.014 χ^2/NDF : 2029148.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.603+/-0.010 χ^2/NDF : 3493568.1/21

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/10

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

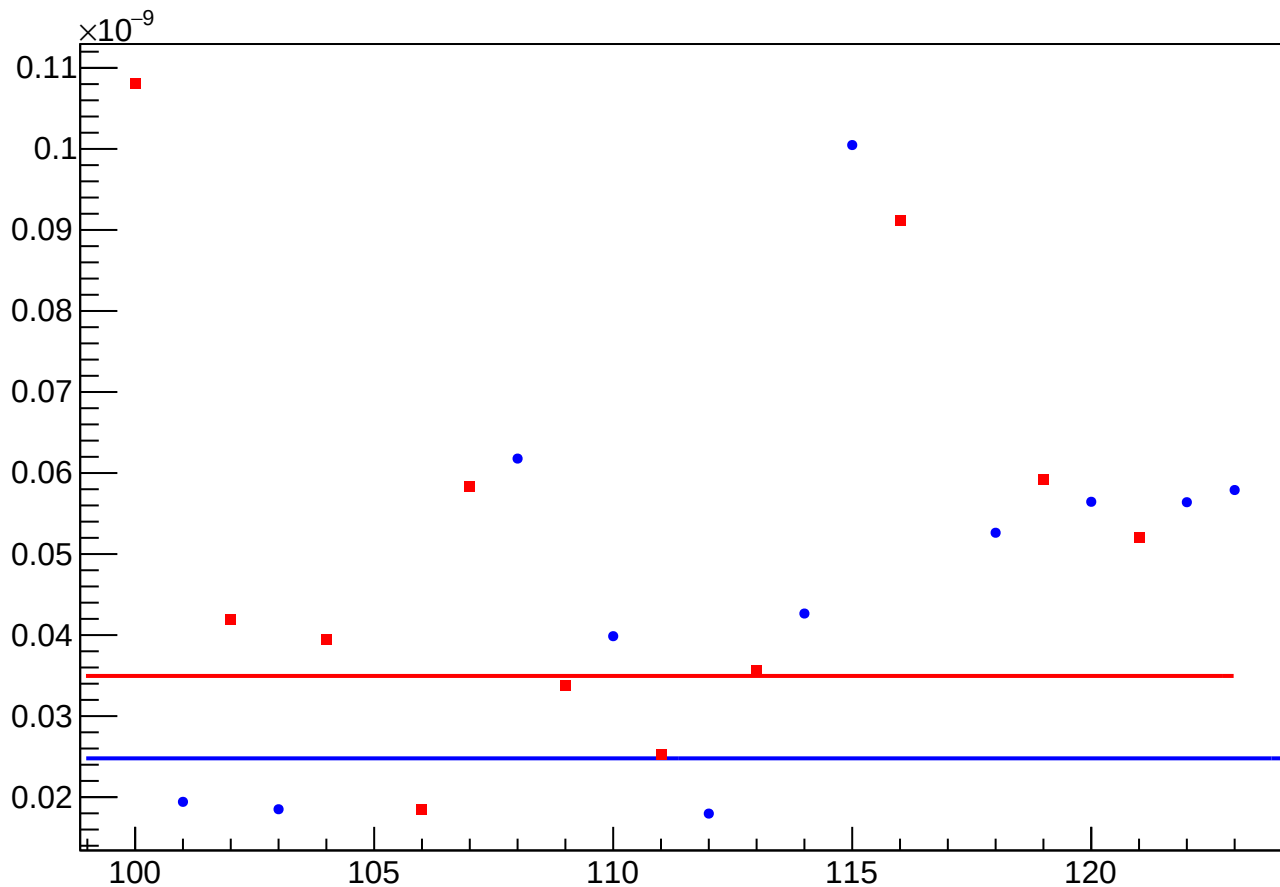
Right: -0.000+/-0.000 χ^2/NDF : 24.5/21

In: -0.000+/-0.000 χ^2/NDF : 14.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.5/21

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1151365.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 834806.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

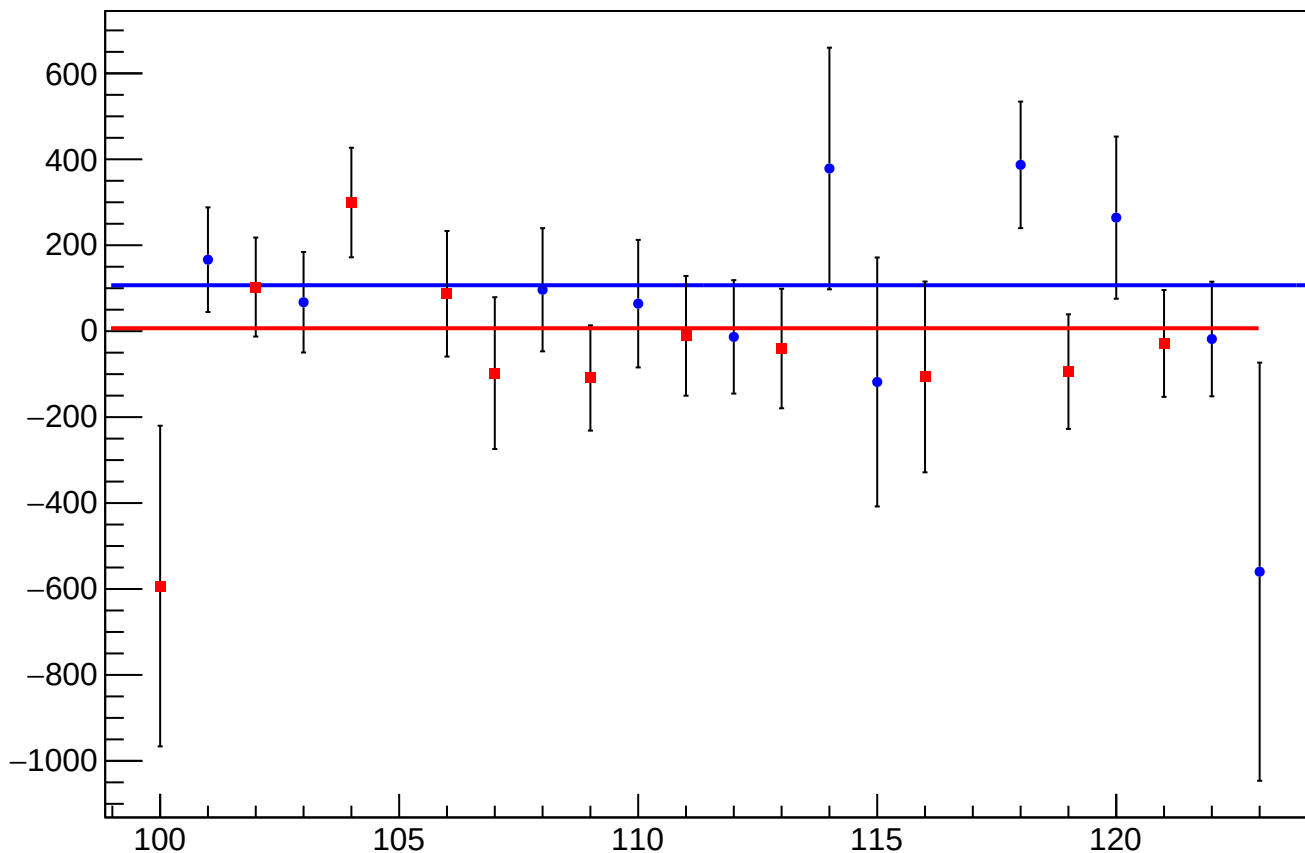
Right: 0.000+/-0.000 χ^2/NDF : 2261817.6/21

In: 0.000+/-0.000 χ^2/NDF : 1151365.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2261817.6/21

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 106.924 $\pm$ 47.080 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.793 $\pm$ 43.273 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

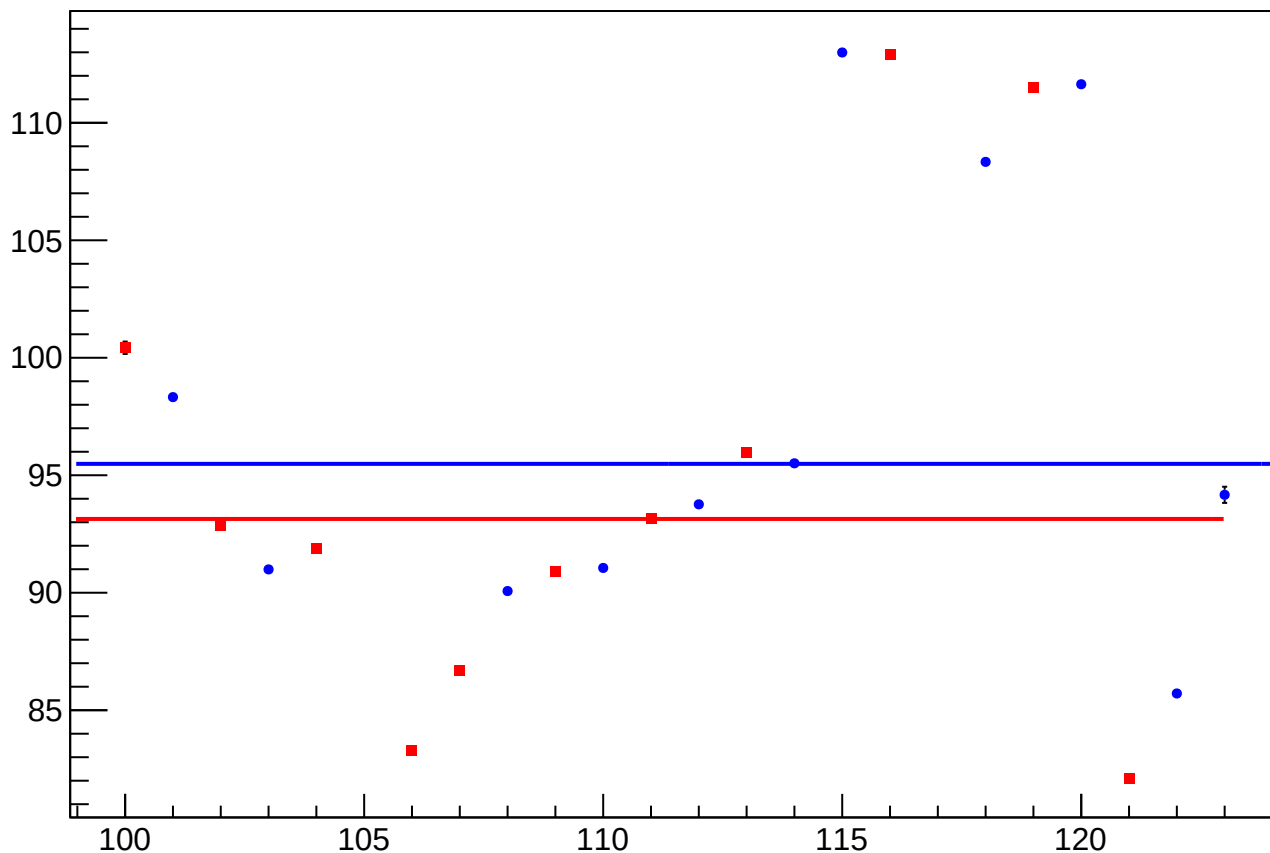
Right: 52.647 $\pm$ 31.860 χ^2 /NDF: 23.5/21

In: 106.924 $\pm$ 47.080 χ^2 /NDF:9.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.647 $\pm$ 31.860 χ^2 /NDF: 23.5/21

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.485+/-0.033 χ^2/NDF : 56965.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.140+/-0.031 χ^2/NDF : 83763.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

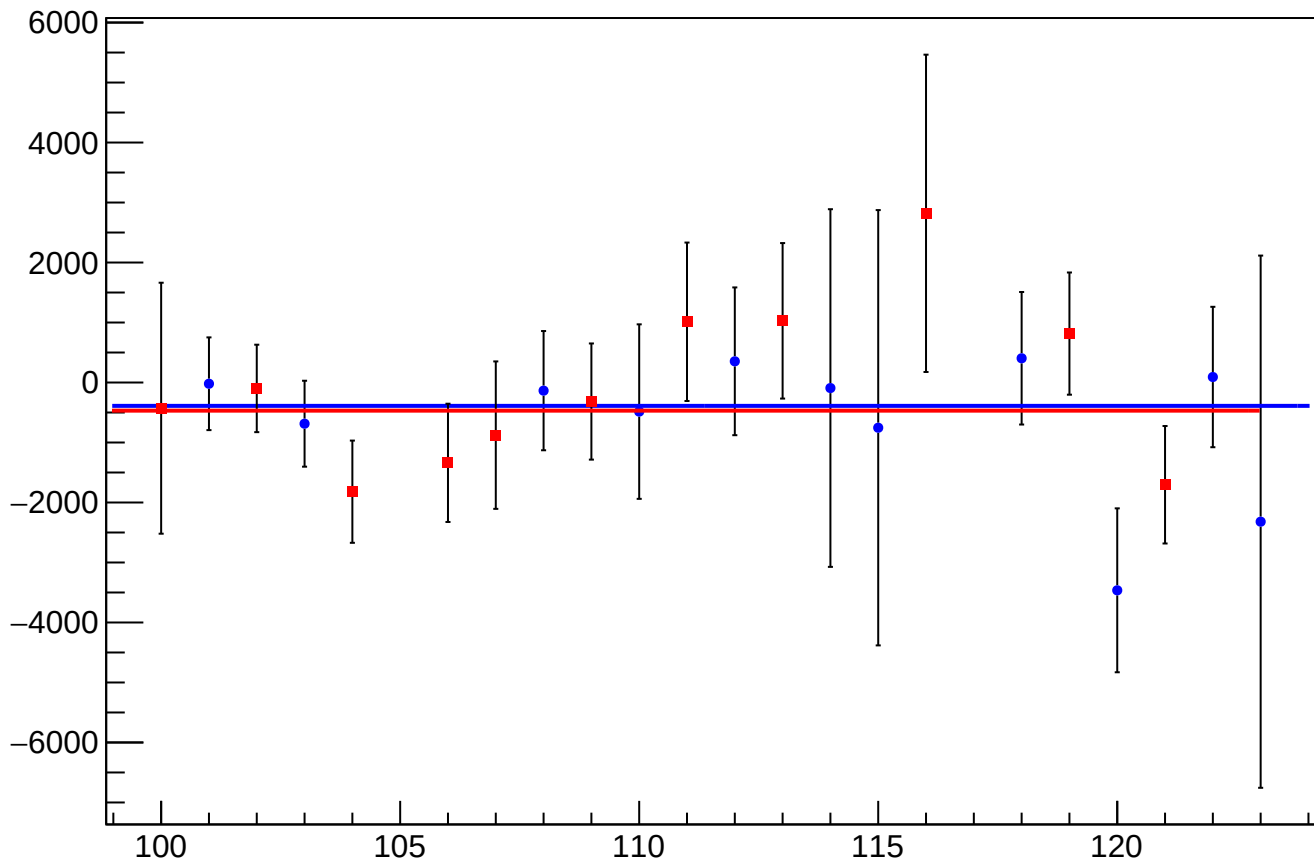
Right: 94.214+/-0.023 χ^2/NDF : 143417.5/21

In: 95.485+/-0.033 χ^2/NDF : 56965.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.214+/-0.023 χ^2/NDF : 143417.5/21

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -389.173 ± 351.488 χ^2/NDF : 6.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -468.745 ± 323.304 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

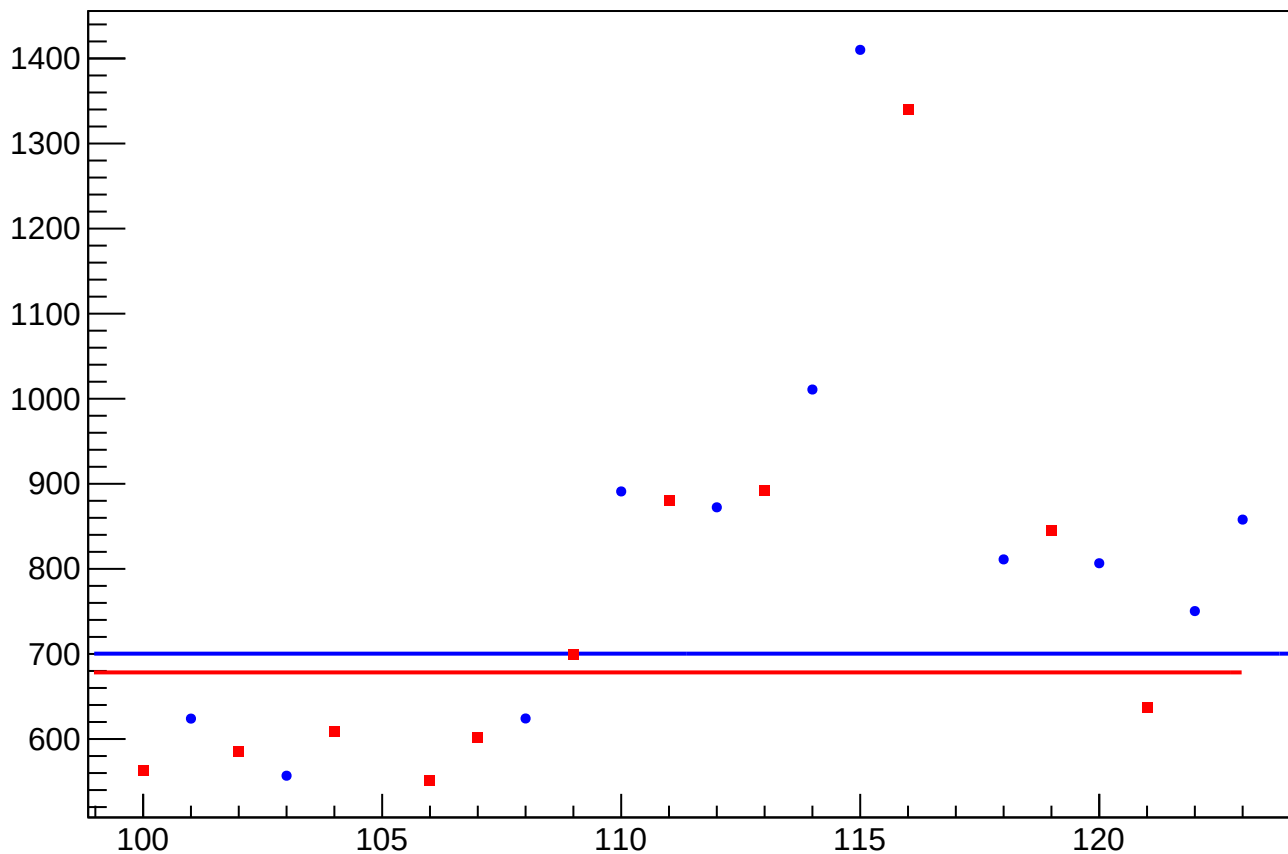
Right: -432.277 ± 237.952 χ^2/NDF : 17.8/21

In: -389.173 ± 351.488 χ^2/NDF : 6.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -432.277 ± 237.952 χ^2/NDF : 17.8/21

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 700.338+/-0.249 χ^2/NDF : 321619.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.295+/-0.229 χ^2/NDF : 377428.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

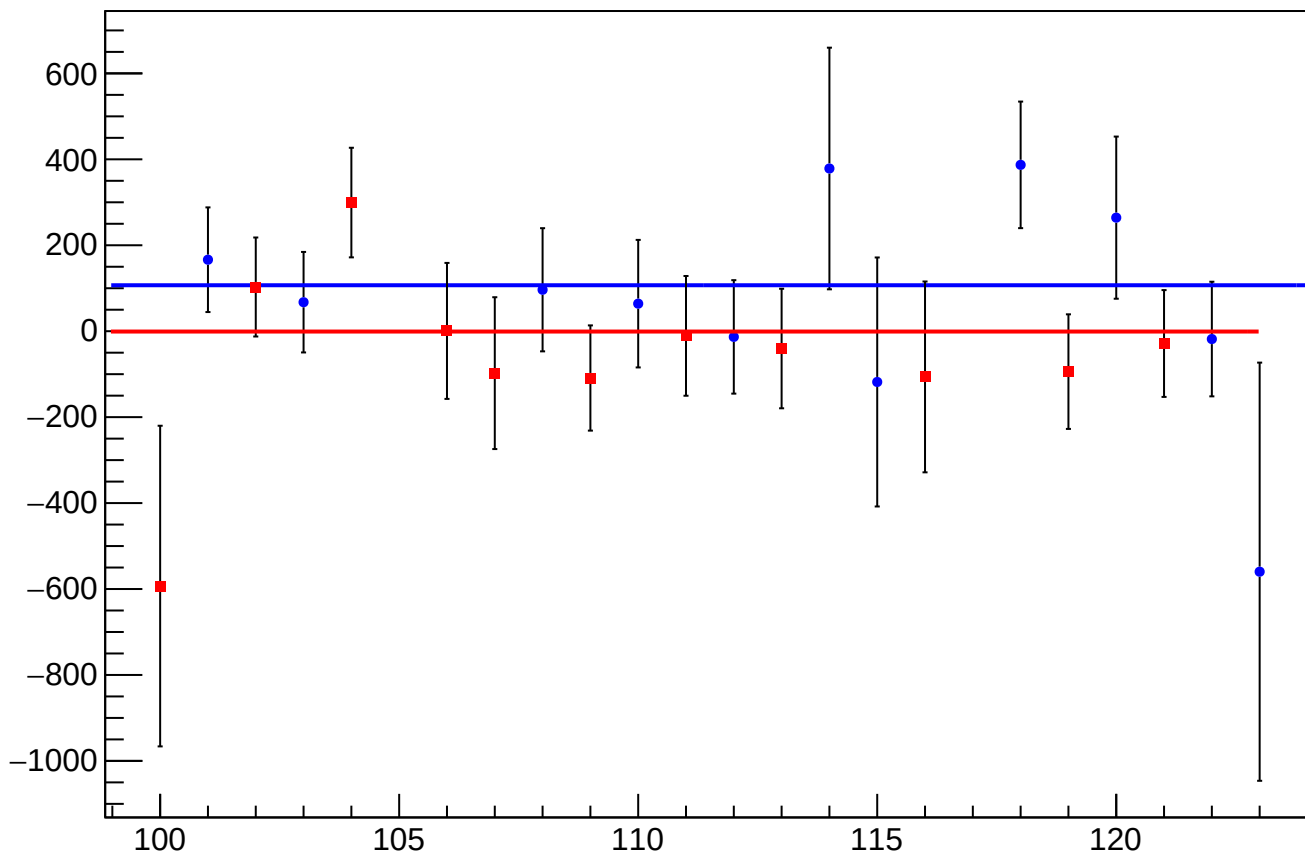
Right: 688.397+/-0.168 χ^2/NDF : 703308.9/21

In: 700.338+/-0.249 χ^2/NDF : 321619.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.397+/-0.168 χ^2/NDF : 703308.9/21

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 106.957 $\pm$ 47.080 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.788 $\pm$ 43.555 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

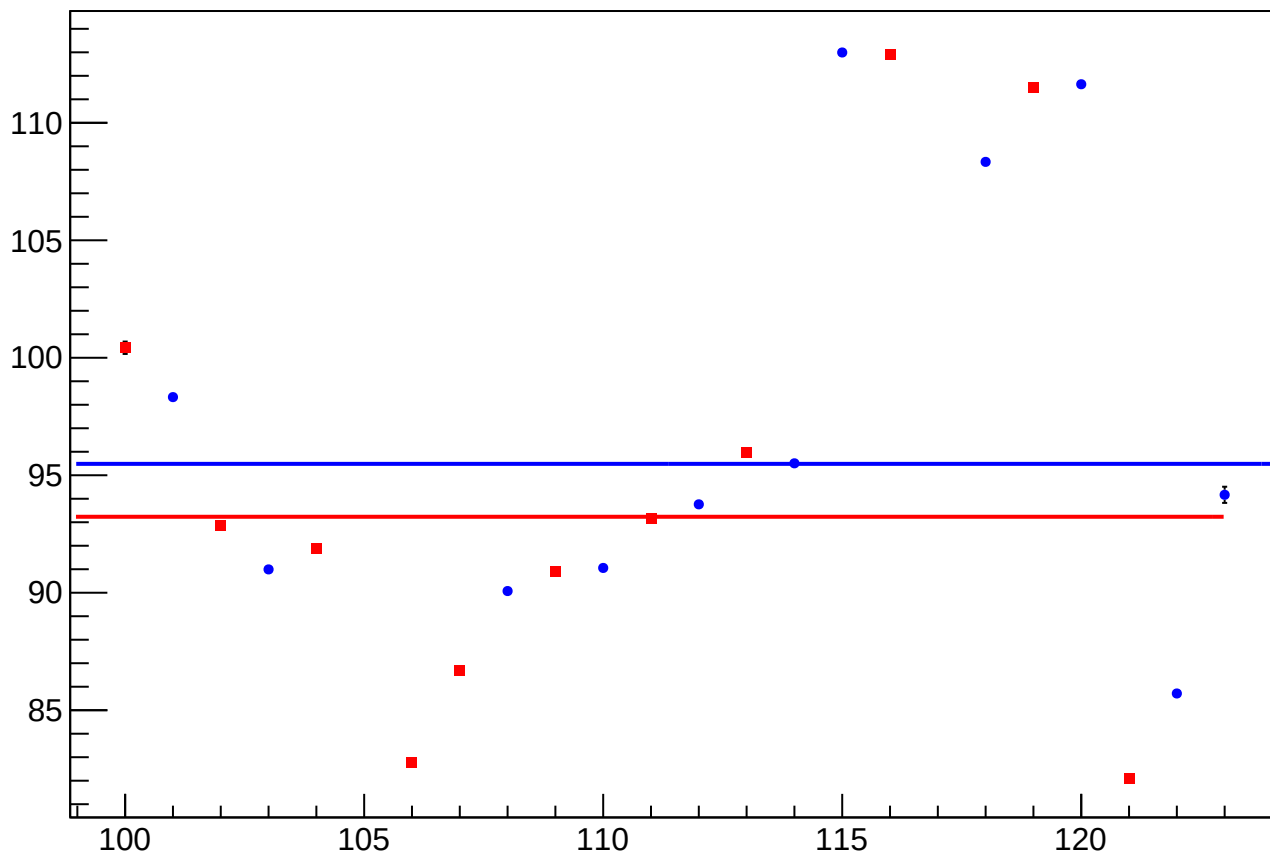
Right: 48.901 $\pm$ 31.972 χ^2 /NDF: 23.5/21

In: 106.957 $\pm$ 47.080 χ^2 /NDF:9.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.901 $\pm$ 31.972 χ^2 /NDF: 23.5/21

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.485+/-0.033 χ^2/NDF : 56965.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.233+/-0.031 χ^2/NDF : 83197.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

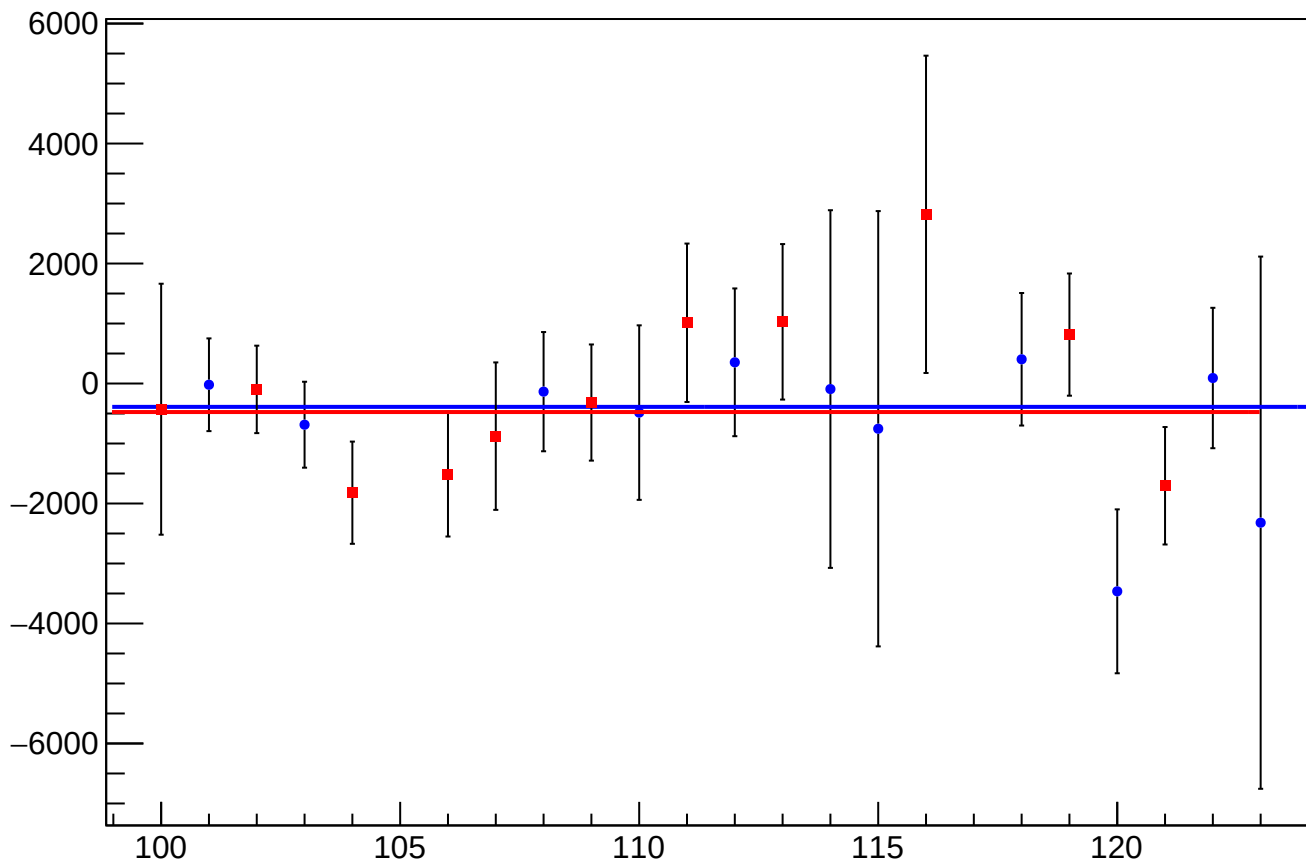
Right: 94.272+/-0.023 χ^2/NDF : 142628.2/21

In: 95.485+/-0.033 χ^2/NDF : 56965.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.272+/-0.023 χ^2/NDF : 142628.2/21

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -389.165+/-351.488 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.444+/-325.126 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

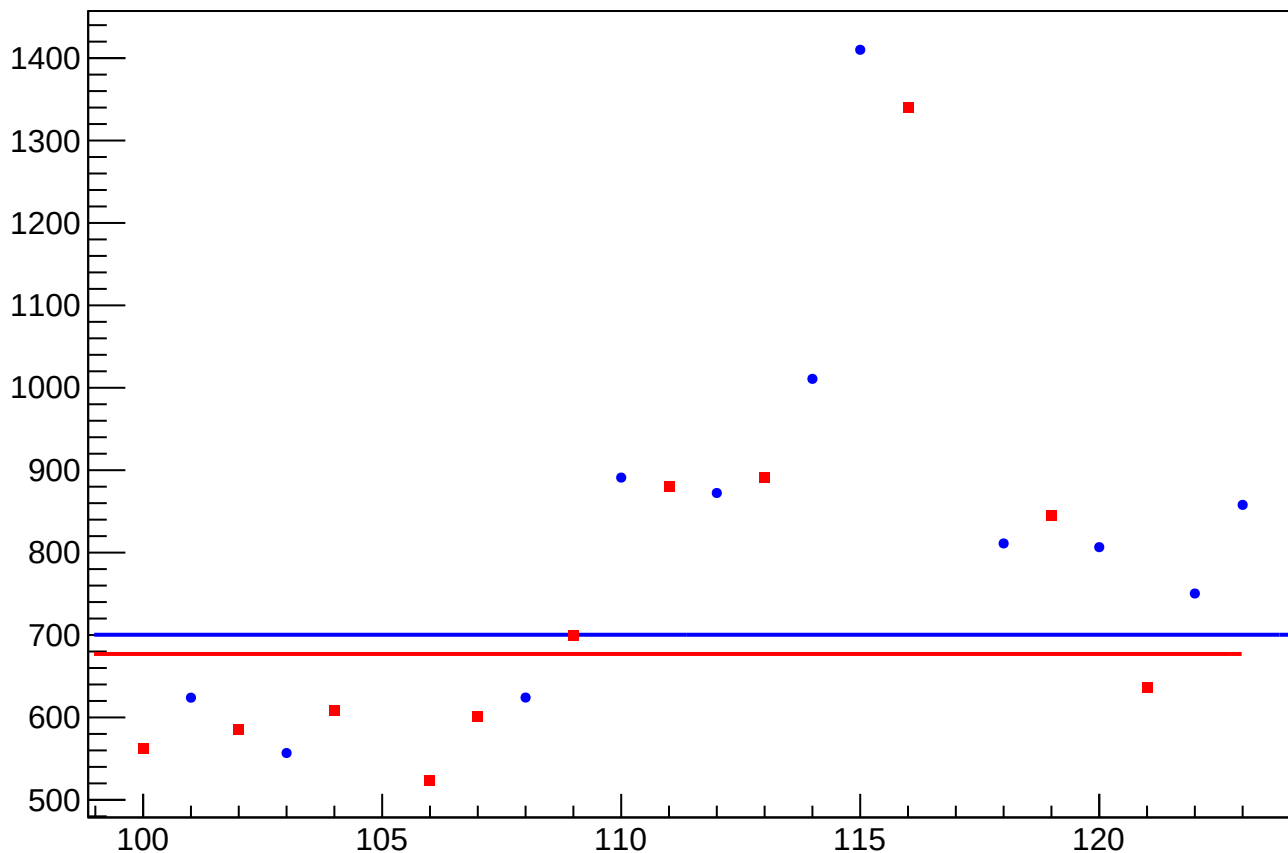
Right: -435.661+/-238.675 χ^2/NDF : 18.1/21

In: -389.165+/-351.488 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.661+/-238.675 χ^2/NDF : 18.1/21

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 700.337+/-0.249 χ^2/NDF : 321623.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.033+/-0.230 χ^2/NDF : 388310.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

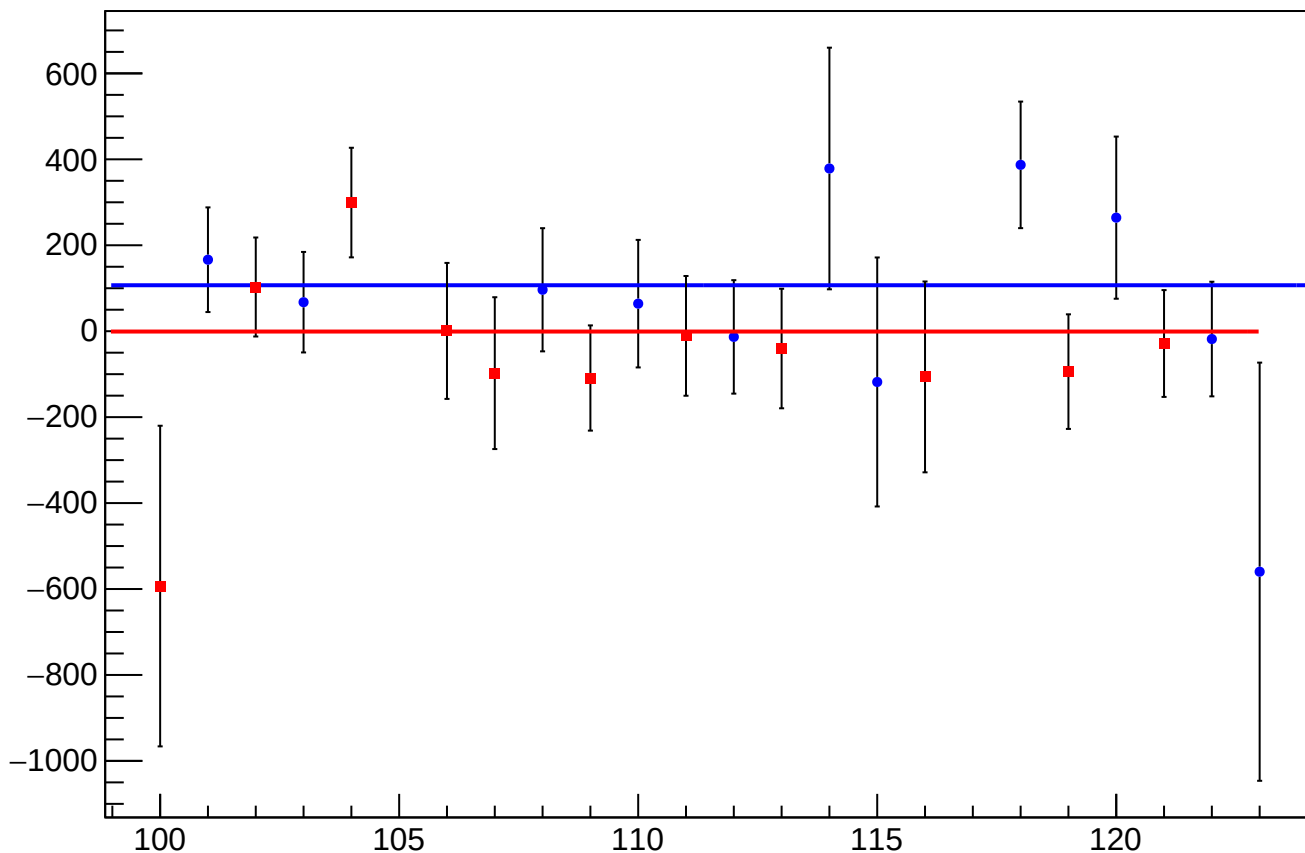
Right: 687.778+/-0.169 χ^2/NDF : 714671.1/21

In: 700.337+/-0.249 χ^2/NDF : 321623.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.778+/-0.169 χ^2/NDF : 714671.1/21

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 106.957 $\pm$ 47.080 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.788 $\pm$ 43.555 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

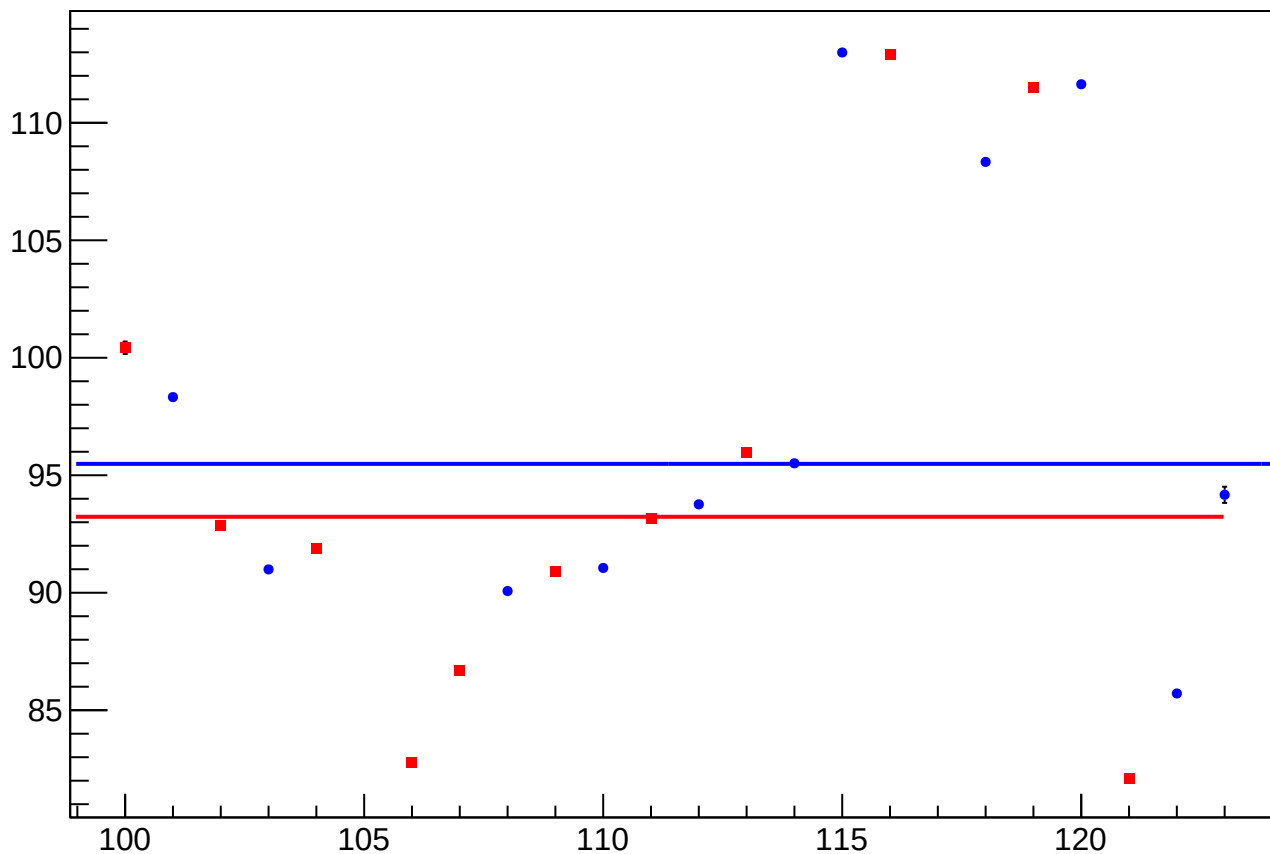
Right: 48.901 $\pm$ 31.972 χ^2 /NDF: 23.5/21

In: 106.957 $\pm$ 47.080 χ^2 /NDF: 9.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.901 $\pm$ 31.972 χ^2 /NDF: 23.5/21

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.485+/-0.033 χ^2/NDF : 56965.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.233+/-0.031 χ^2/NDF : 83197.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

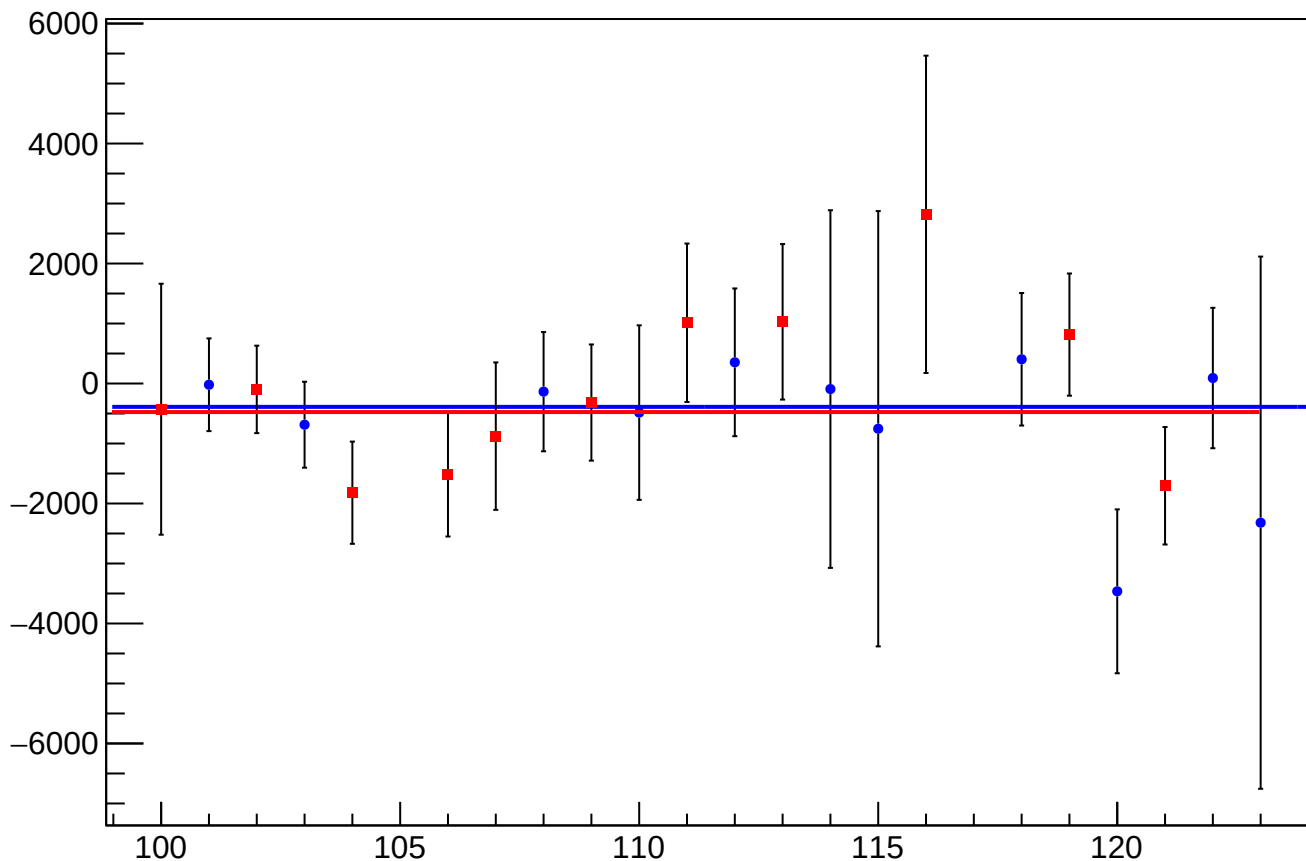
Right: 94.272+/-0.023 χ^2/NDF : 142628.2/21

In: 95.485+/-0.033 χ^2/NDF : 56965.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.272+/-0.023 χ^2/NDF : 142628.2/21

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -389.165 ± 351.488 χ^2/NDF : 6.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -475.444 ± 325.126 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

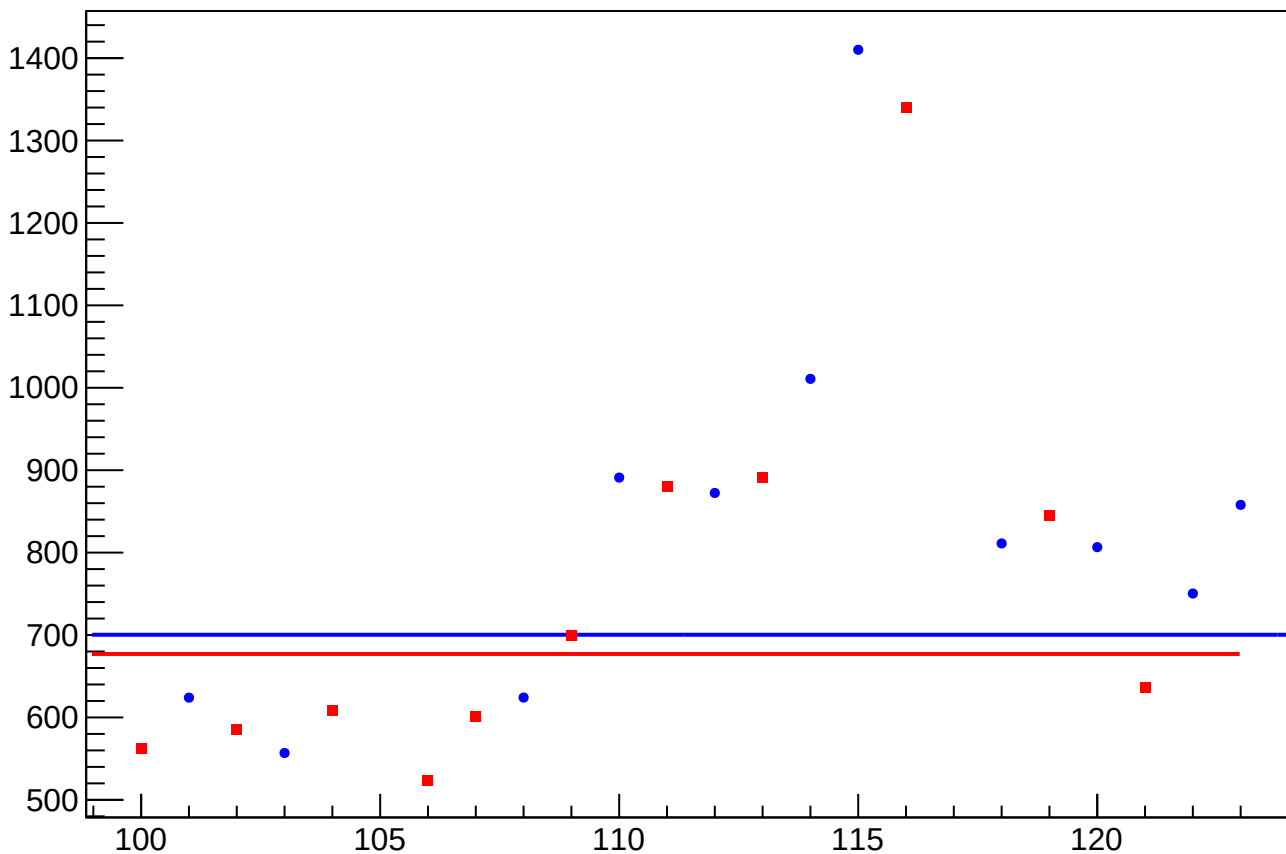
Right: -435.661 ± 238.675 χ^2/NDF : 18.1/21

In: -389.165 ± 351.488 χ^2/NDF : 6.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -435.661 ± 238.675 χ^2/NDF : 18.1/21

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 700.337+/-0.249 χ^2/NDF : 321623.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.033+/-0.230 χ^2/NDF : 388310.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

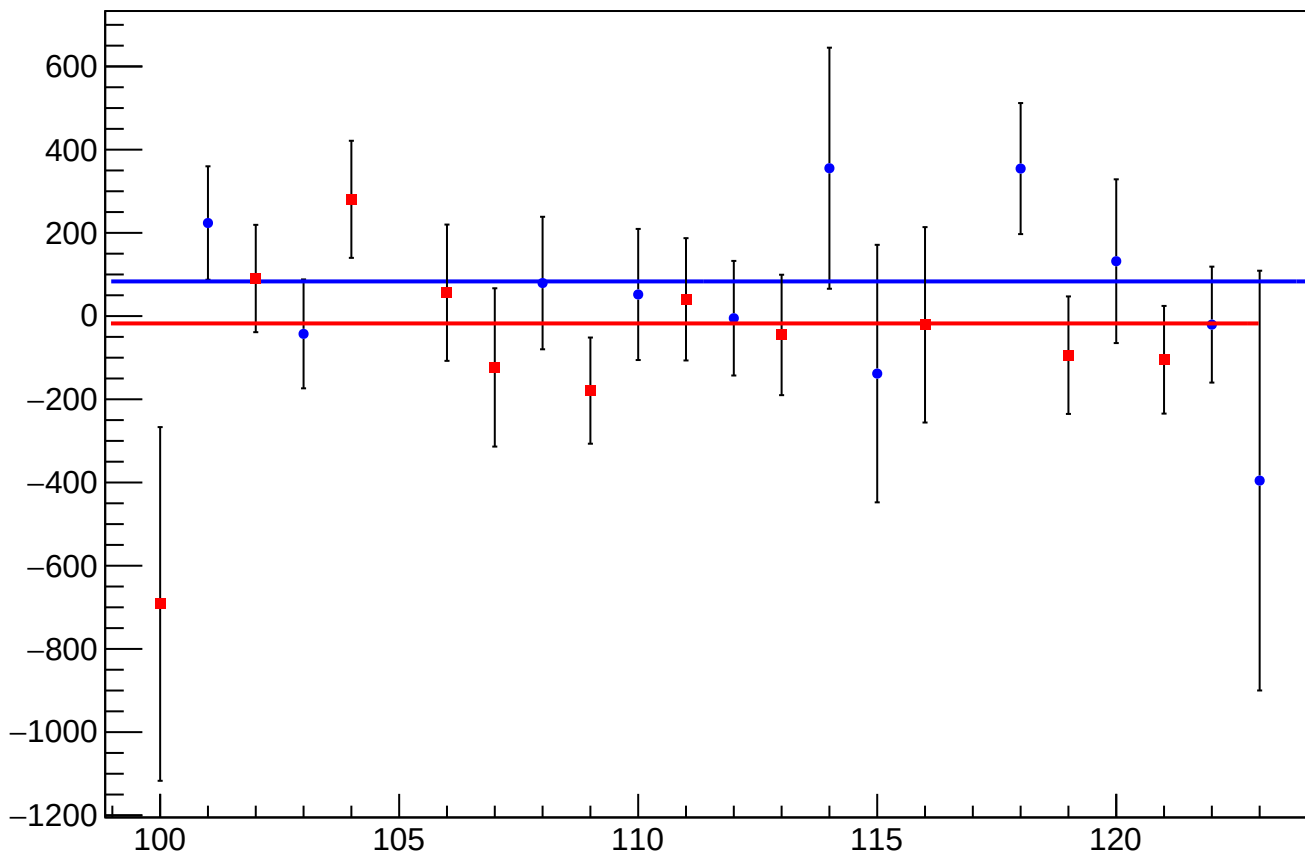
Right: 687.778+/-0.169 χ^2/NDF : 714671.1/21

In: 700.337+/-0.249 χ^2/NDF : 321623.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.778+/-0.169 χ^2/NDF : 714671.1/21

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 83.329+/-50.730 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.671+/-46.400 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

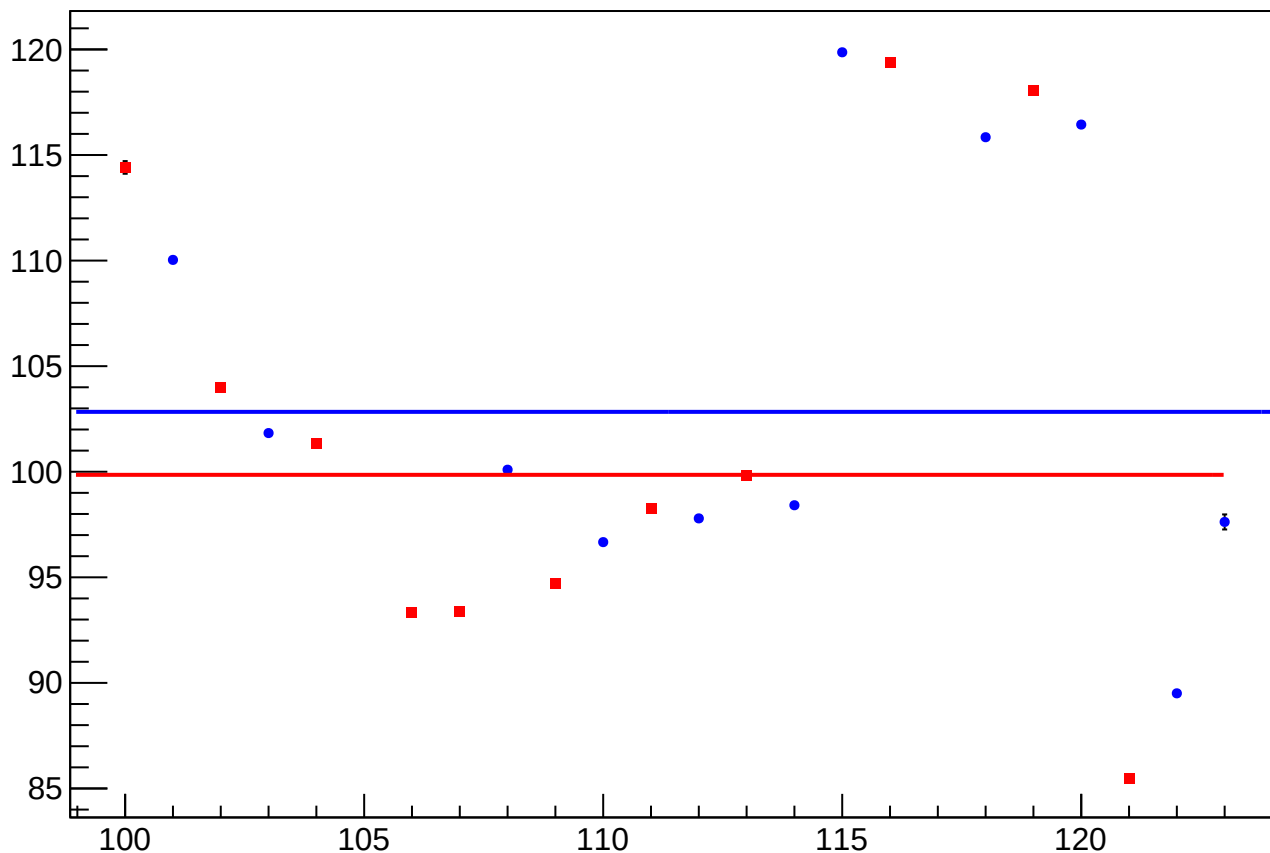
Right: 28.335+/-34.239 χ^2/NDF : 21.2/21

In: 83.329+/-50.730 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.335+/-34.239 χ^2/NDF : 21.2/21

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.836 $\pm$ 0.036 χ^2 /NDF: 60276.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.854 $\pm$ 0.033 χ^2 /NDF: 85342.0/10

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

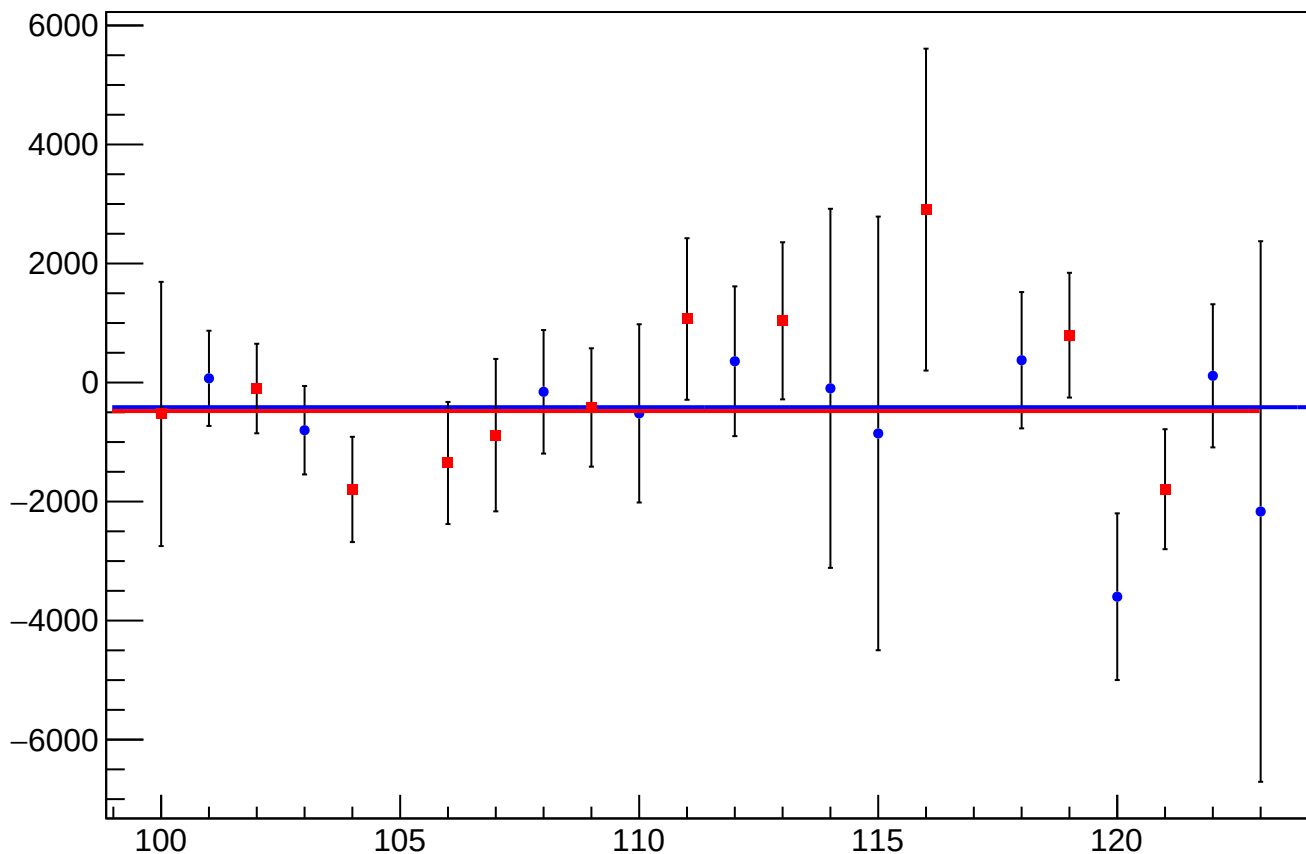
Right: 101.212 $\pm$ 0.024 χ^2 /NDF: 149382.4/21

In: 102.836 $\pm$ 0.036 χ^2 /NDF:60276.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.212 $\pm$ 0.024 χ^2 /NDF: 149382.4/21

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -414.350+/-363.294 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.008+/-333.954 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

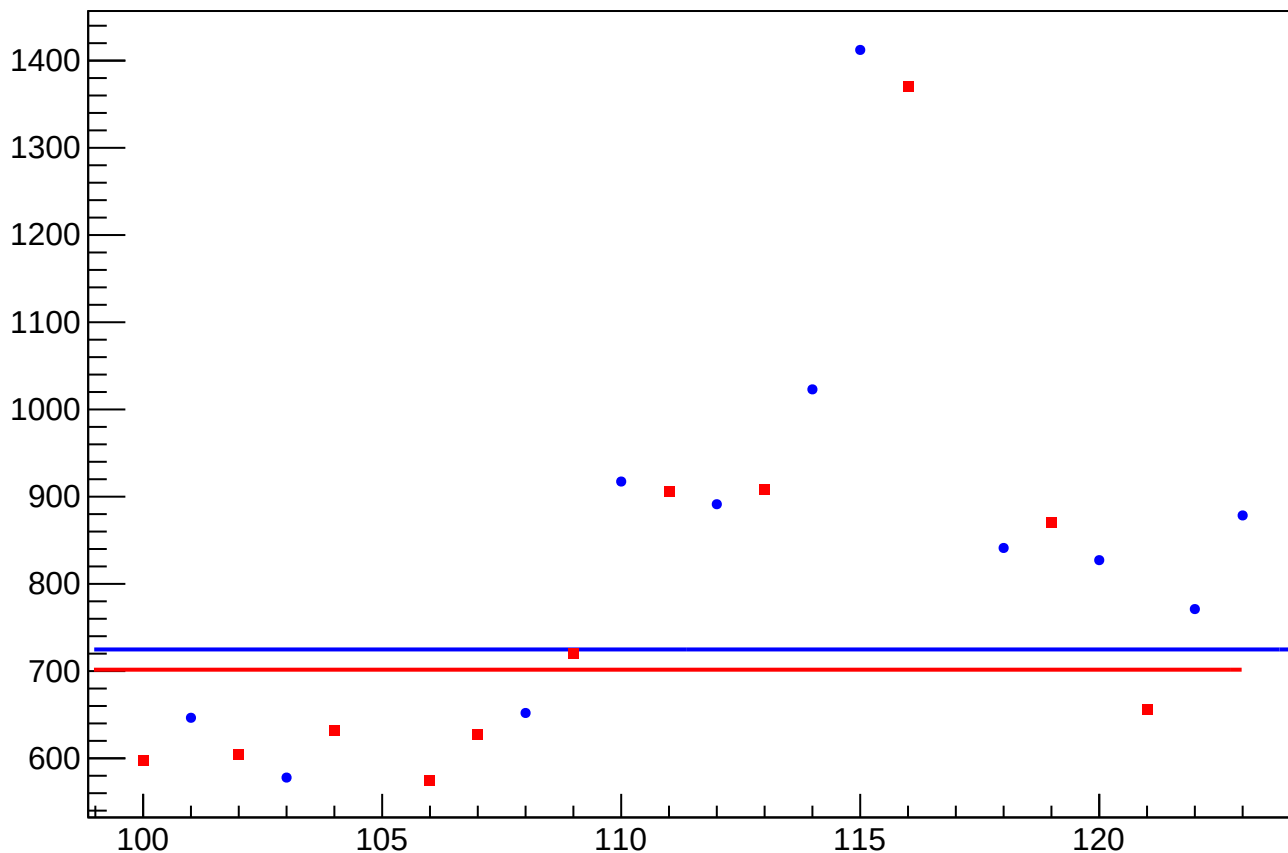
Right: -449.395+/-245.860 χ^2/NDF : 17.8/21

In: -414.350+/-363.294 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.395+/-245.860 χ^2/NDF : 17.8/21

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 724.812+/-0.257 χ^2/NDF : 302635.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 701.611+/-0.236 χ^2/NDF : 360107.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

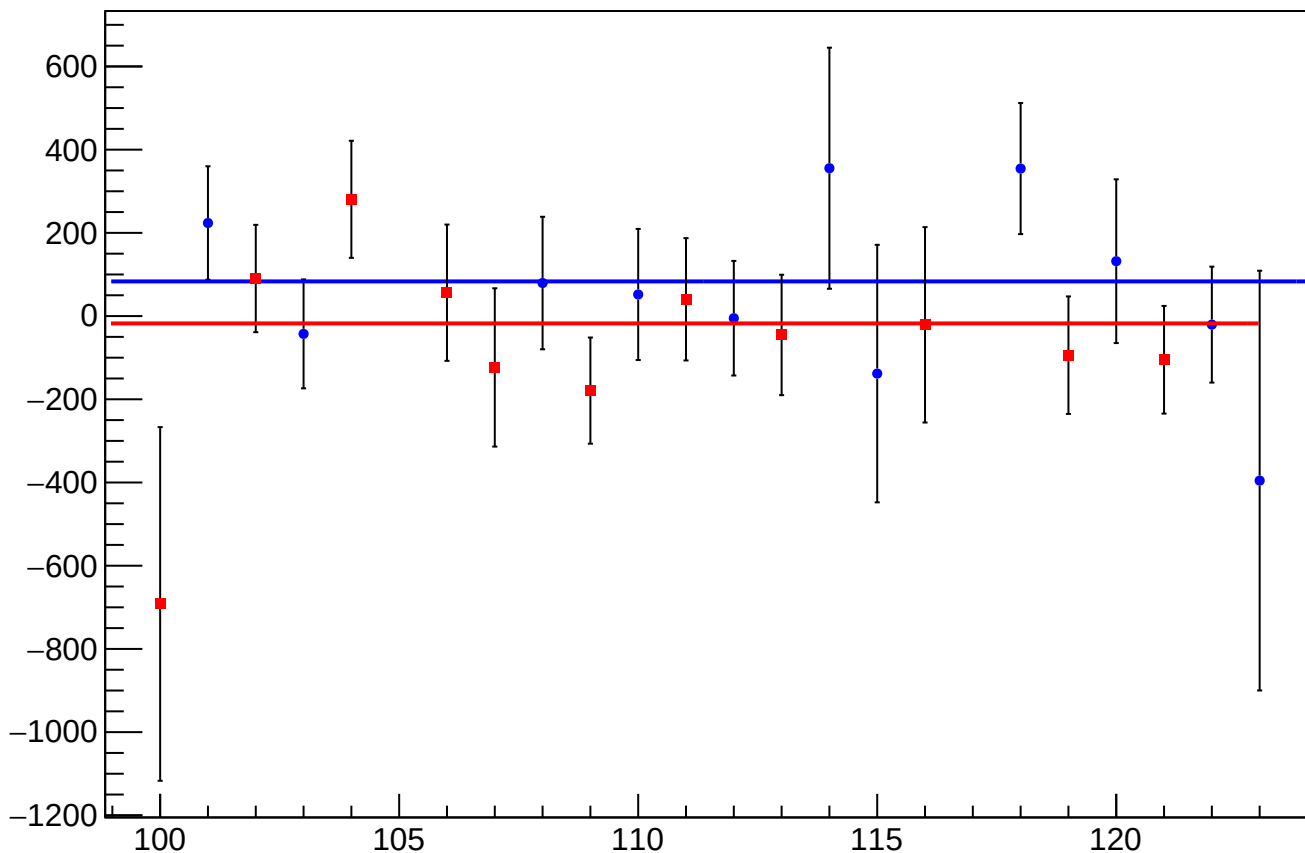
Right: 712.237+/-0.174 χ^2/NDF : 667164.3/21

In: 724.812+/-0.257 χ^2/NDF : 302635.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.237+/-0.174 χ^2/NDF : 667164.3/21

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 83.329+/-50.730 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.672+/-46.400 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

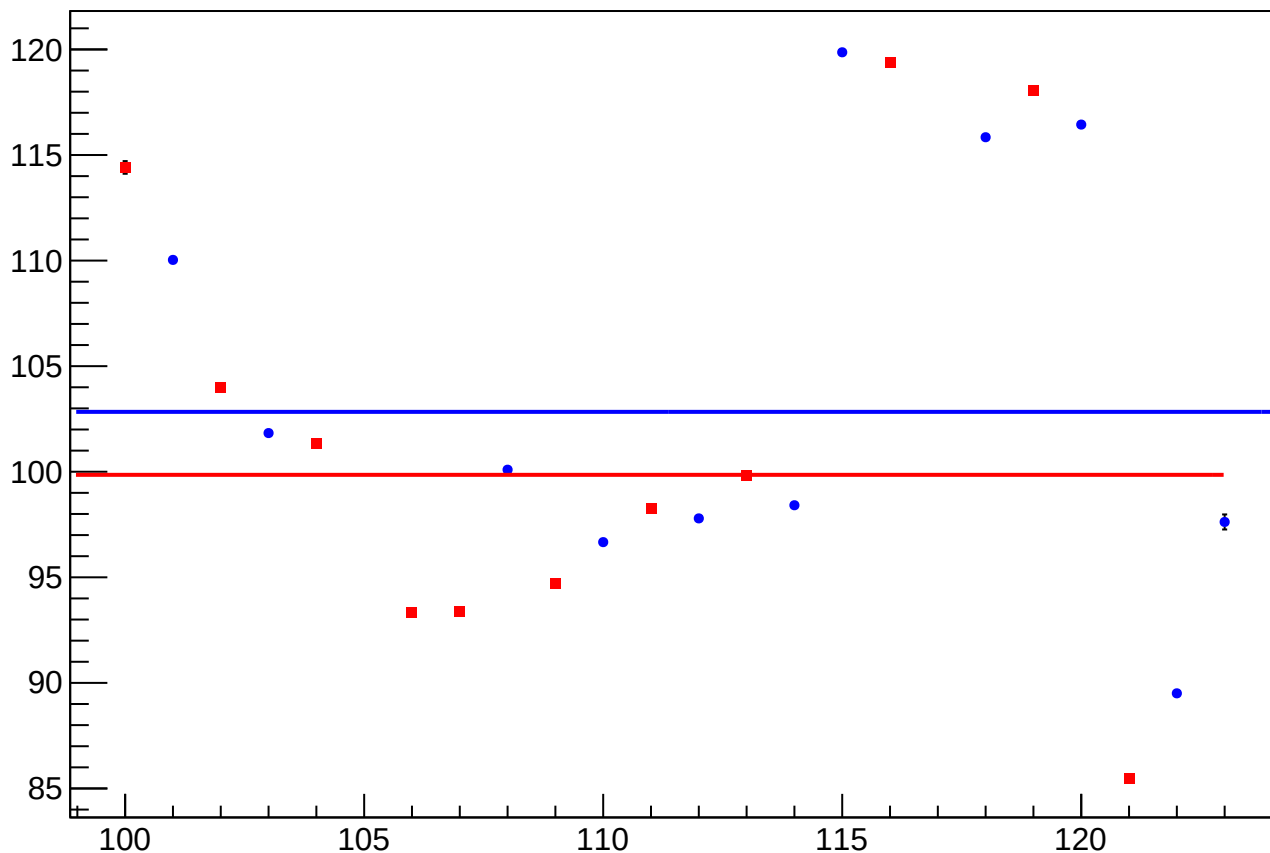
Right: 28.336+/-34.238 χ^2/NDF : 21.2/21

In: 83.329+/-50.730 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.336+/-34.238 χ^2/NDF : 21.2/21

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.836 $\pm$ 0.036 χ^2 /NDF: 60275.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.853 $\pm$ 0.033 χ^2 /NDF: 85342.6/10

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

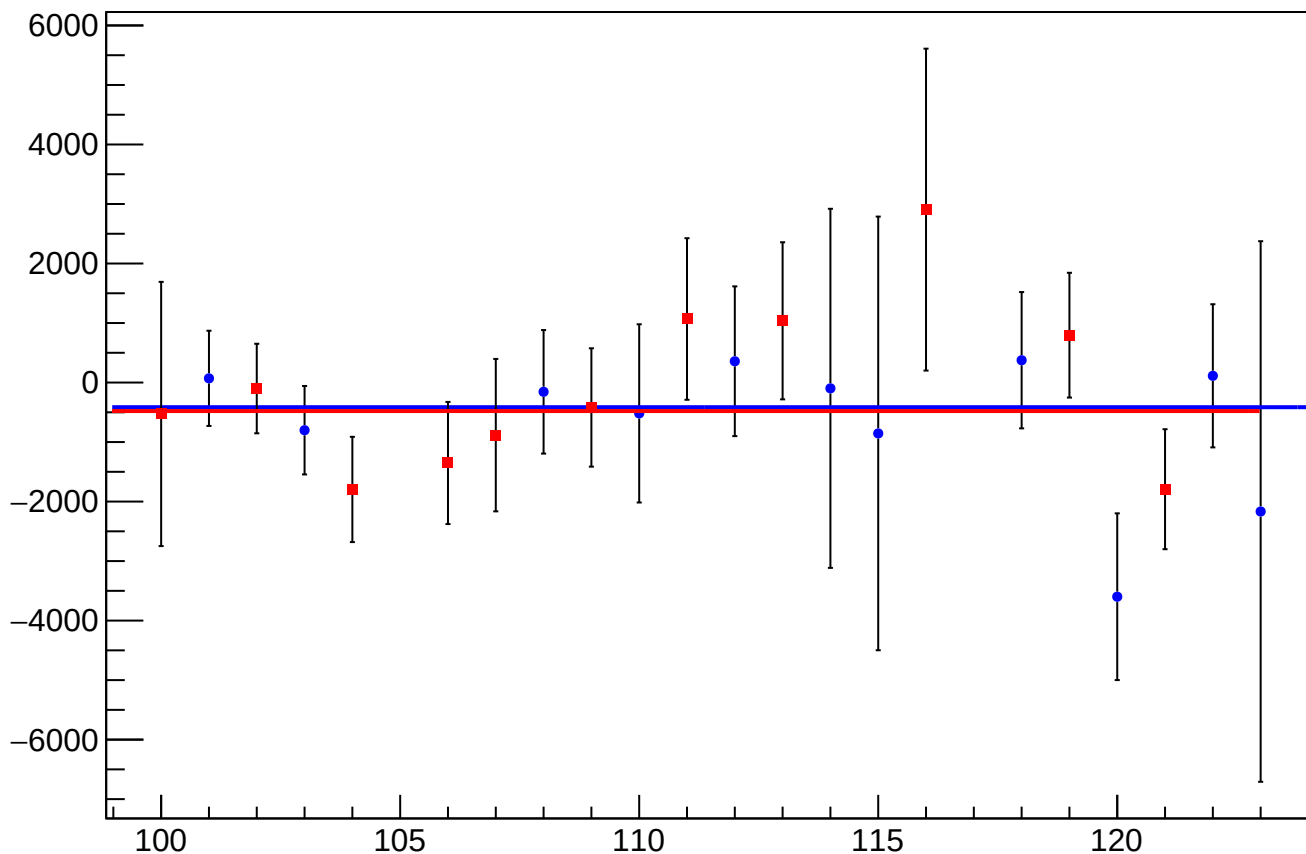
Right: 101.212 $\pm$ 0.024 χ^2 /NDF: 149382.7/21

In: 102.836 $\pm$ 0.036 χ^2 /NDF: 60275.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.212 $\pm$ 0.024 χ^2 /NDF: 149382.7/21

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -414.349+/-363.293 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.008+/-333.954 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

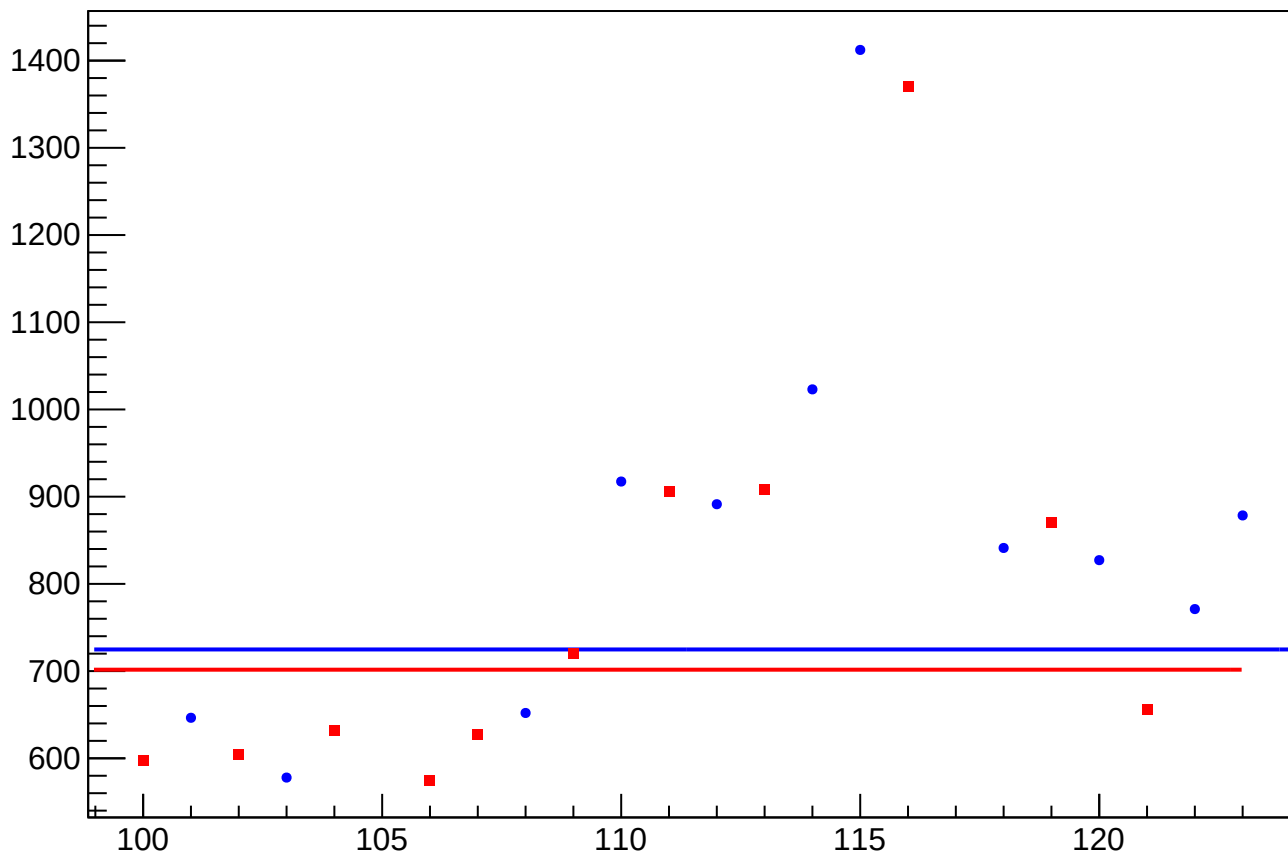
Right: -449.395+/-245.860 χ^2/NDF : 17.8/21

In: -414.349+/-363.293 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.395+/-245.860 χ^2/NDF : 17.8/21

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 724.811+/-0.257 χ^2/NDF : 302635.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 701.610+/-0.236 χ^2/NDF : 360107.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

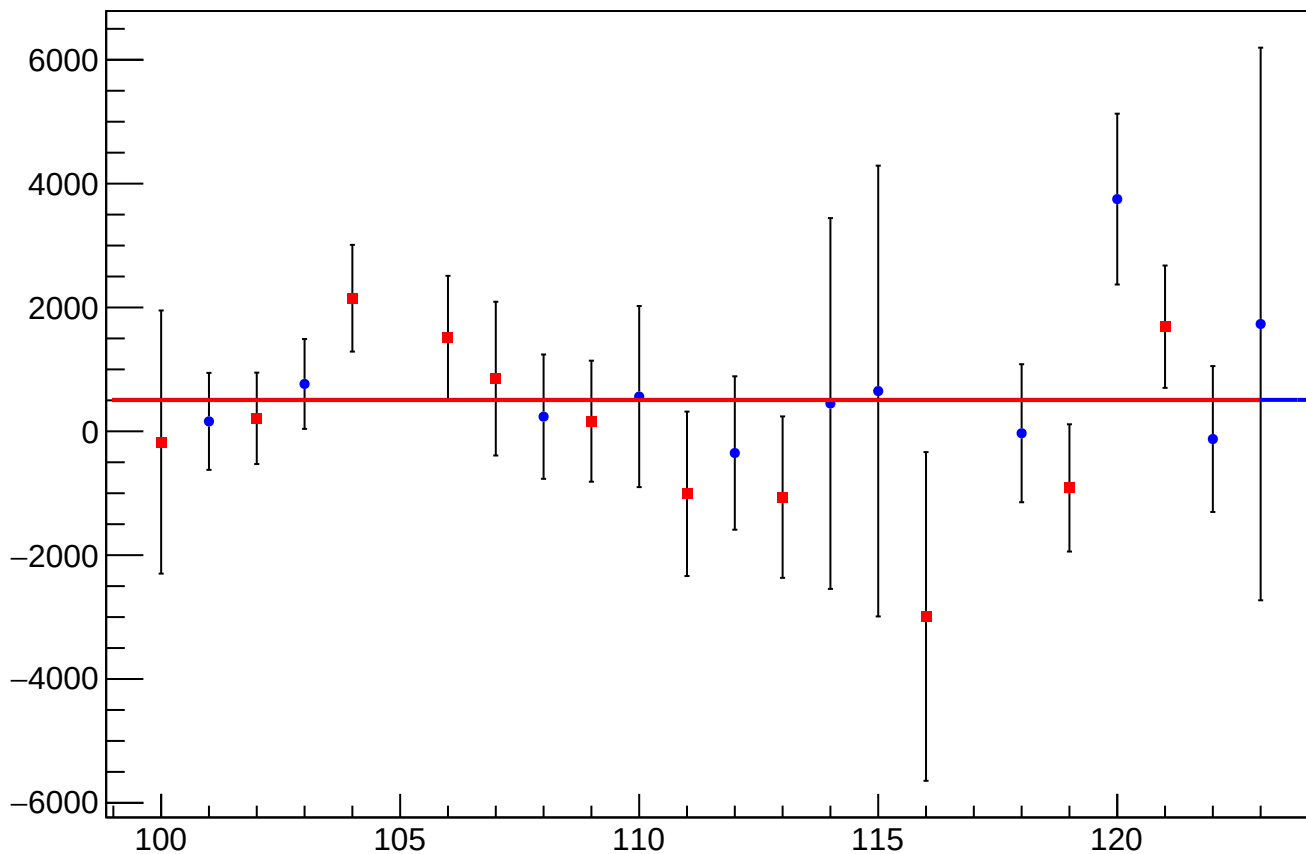
Right: 712.236+/-0.174 χ^2/NDF : 667163.6/21

In: 724.811+/-0.257 χ^2/NDF : 302635.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.236+/-0.174 χ^2/NDF : 667163.6/21

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 507.767+/-355.104 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.413+/-326.614 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

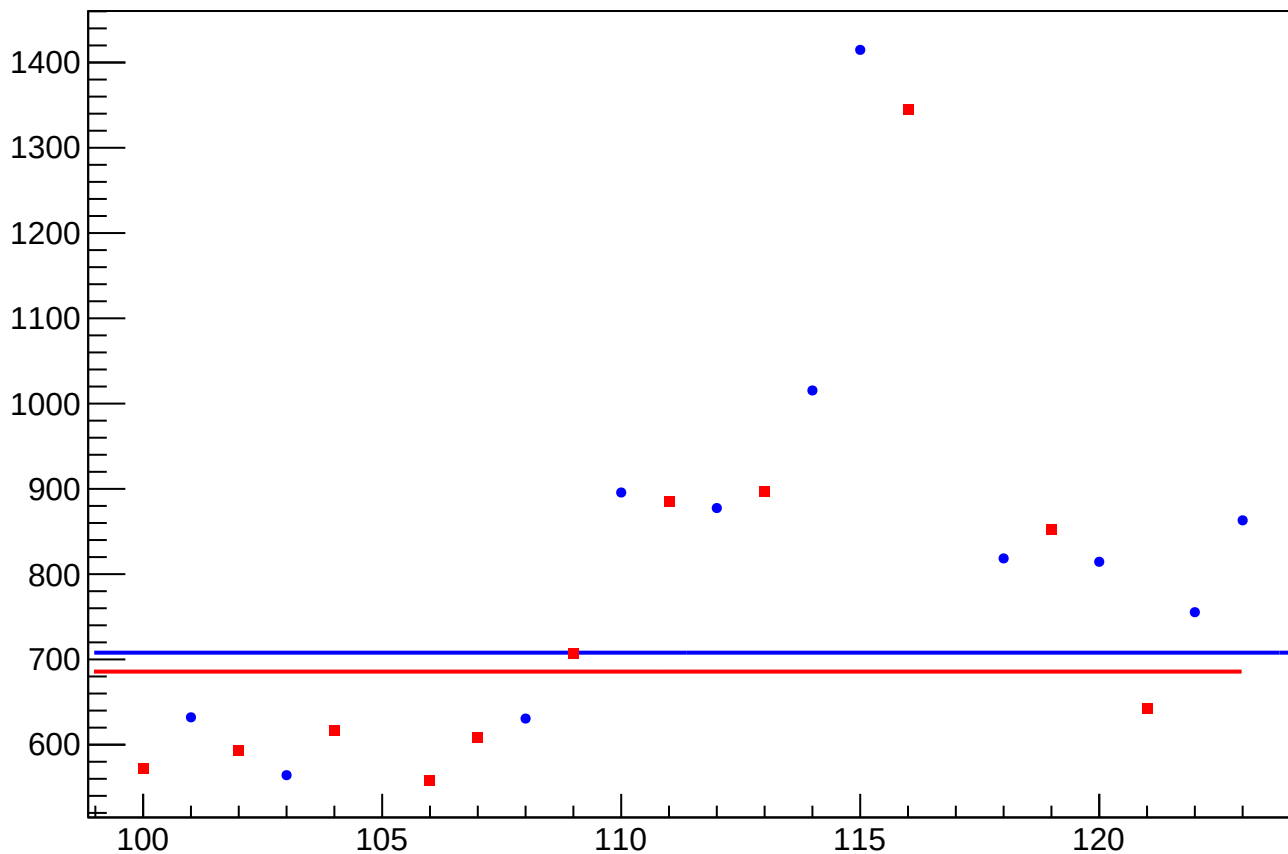
Right: 505.950+/-240.393 χ^2/NDF : 20.0/21

In: 507.767+/-355.104 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.950+/-240.393 χ^2/NDF : 20.0/21

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 707.921+/-0.251 χ^2/NDF : 313257.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.721+/-0.231 χ^2/NDF : 369759.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

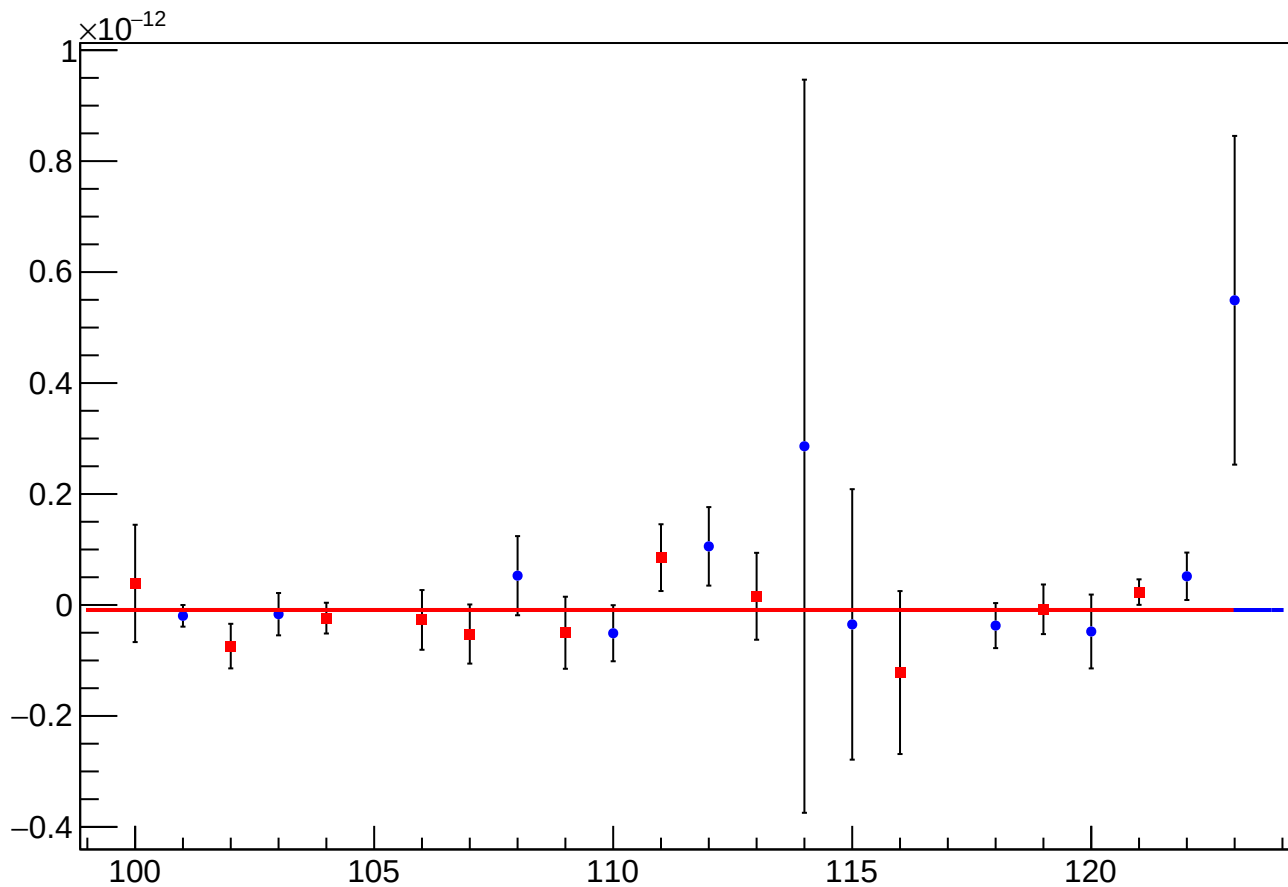
Right: 695.895+/-0.170 χ^2/NDF : 687251.3/21

In: 707.921+/-0.251 χ^2/NDF : 313257.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.895+/-0.170 χ^2/NDF : 687251.3/21

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.0/10

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

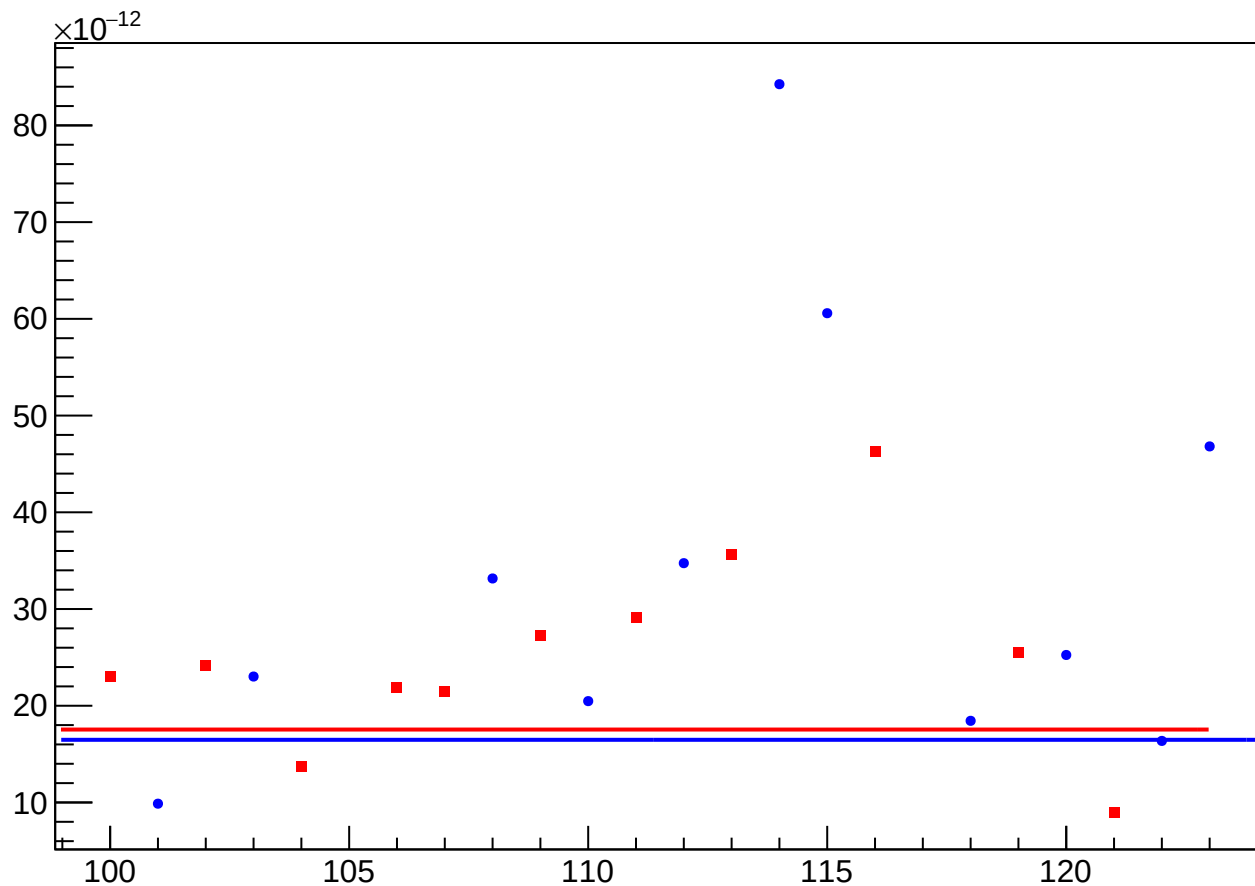
Right: -0.000+/-0.000 χ^2/NDF : 20.4/21

In: -0.000+/-0.000 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.4/21

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 689962.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 765984.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

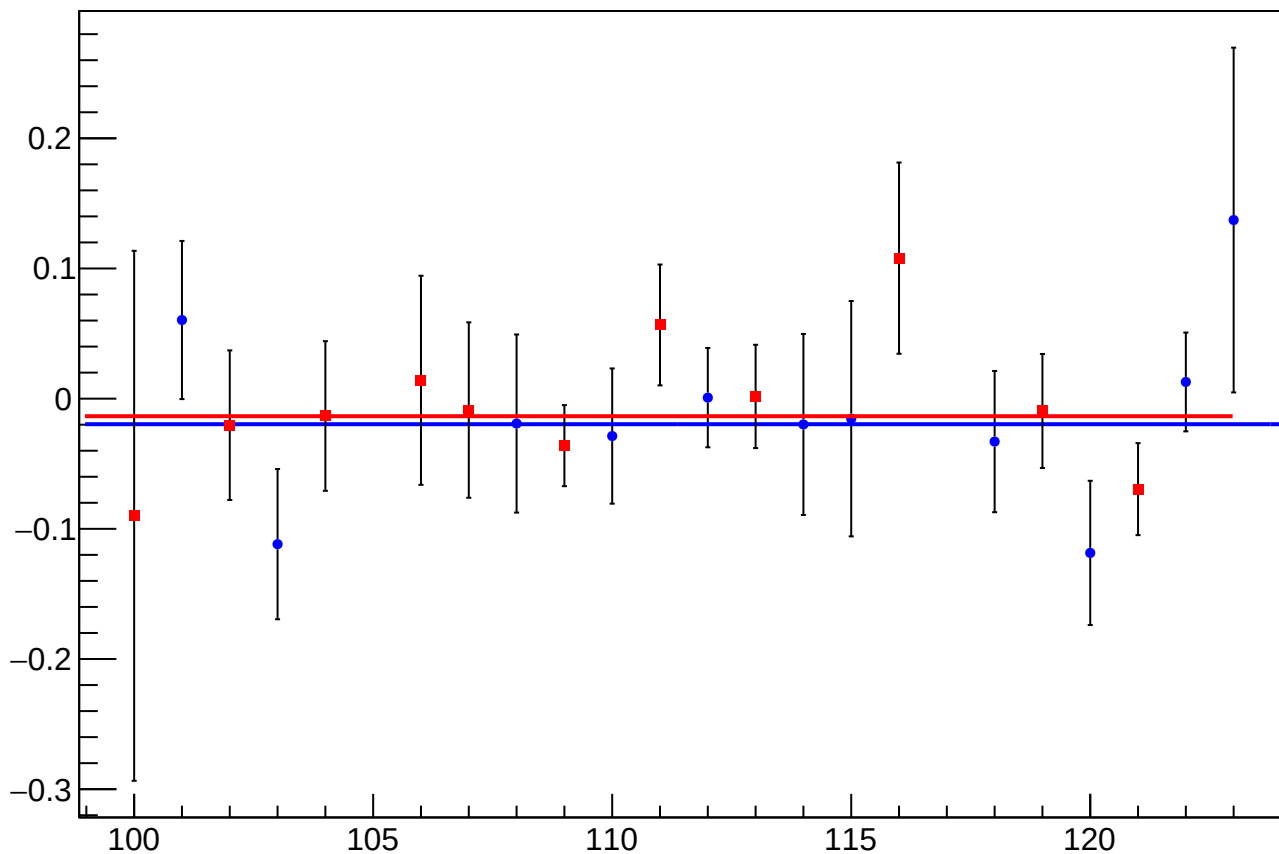
Right: 0.000+/-0.000 χ^2/NDF : 1462320.2/21

In: 0.000+/-0.000 χ^2/NDF : 689962.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1462320.2/21

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.015 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

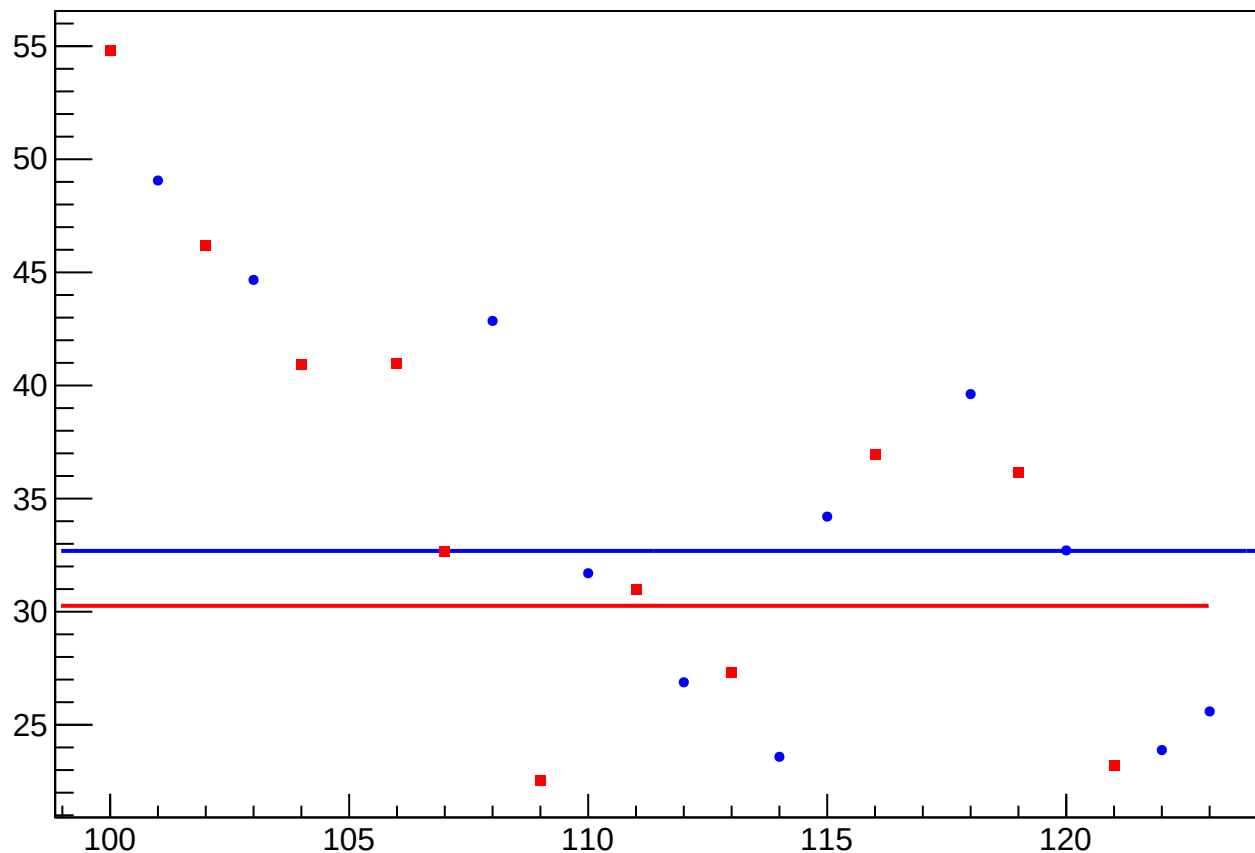
Right: -0.016+/-0.011 χ^2/NDF : 18.5/21

In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.011 χ^2/NDF : 18.5/21

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.687+/-0.012 χ^2/NDF : 503586.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.260+/-0.010 χ^2/NDF : 556348.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

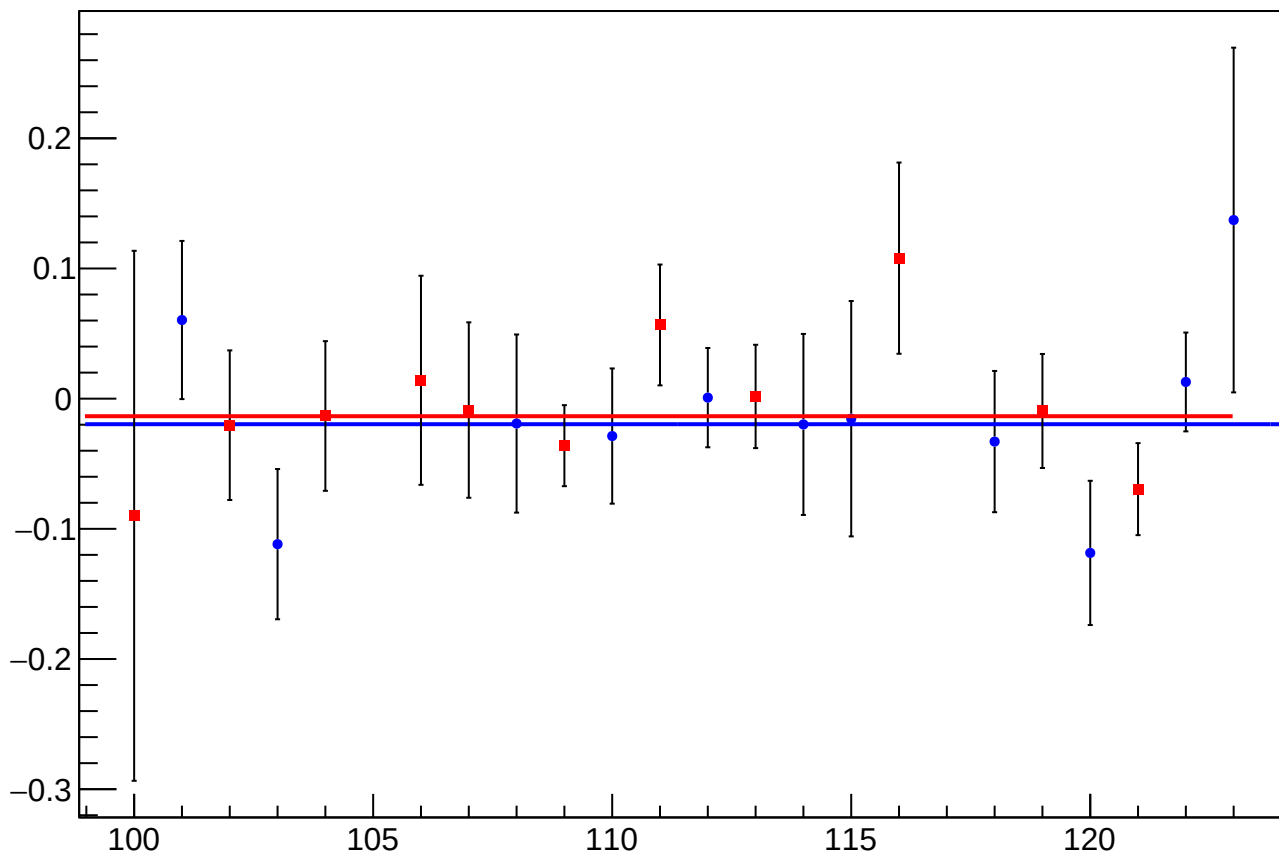
Right: 31.318+/-0.008 χ^2/NDF : 1083782.5/21

In: 32.687+/-0.012 χ^2/NDF : 503586.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.318+/-0.008 χ^2/NDF : 1083782.5/21

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.015 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

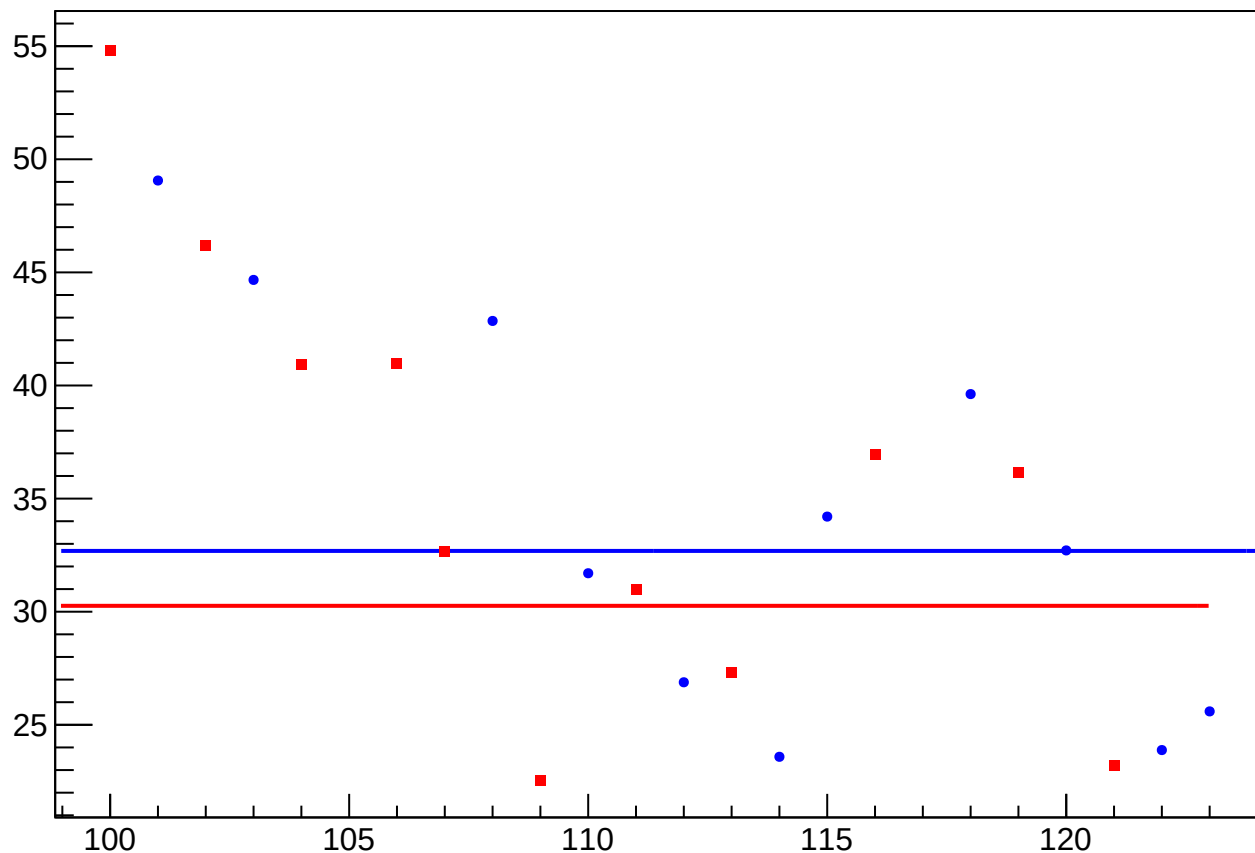
Right: -0.016+/-0.011 χ^2/NDF : 18.5/21

In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.011 χ^2/NDF : 18.5/21

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.687+/-0.012 χ^2/NDF : 503586.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.260+/-0.010 χ^2/NDF : 556348.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

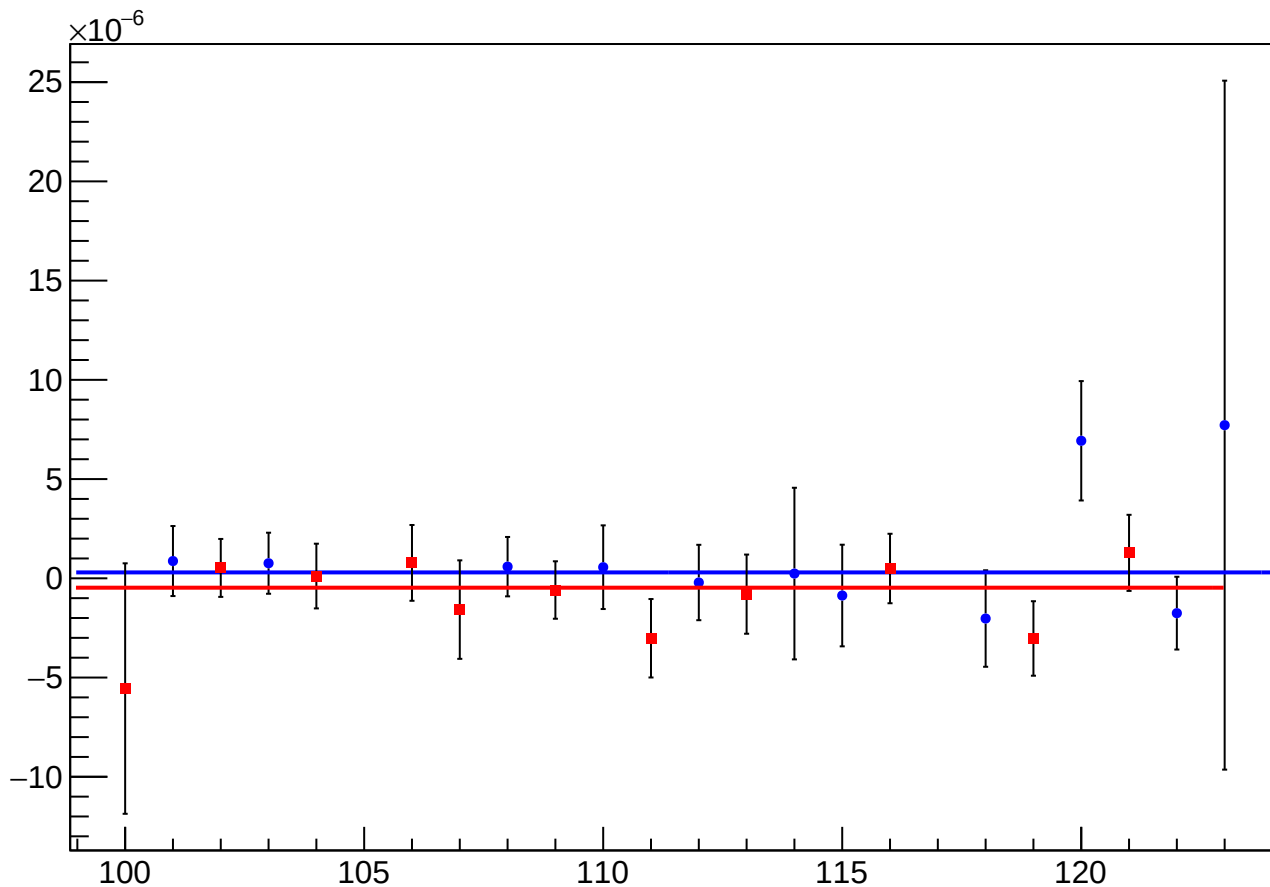
Right: 31.318+/-0.008 χ^2/NDF : 1083782.5/21

In: 32.687+/-0.012 χ^2/NDF : 503586.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.318+/-0.008 χ^2/NDF : 1083782.5/21

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

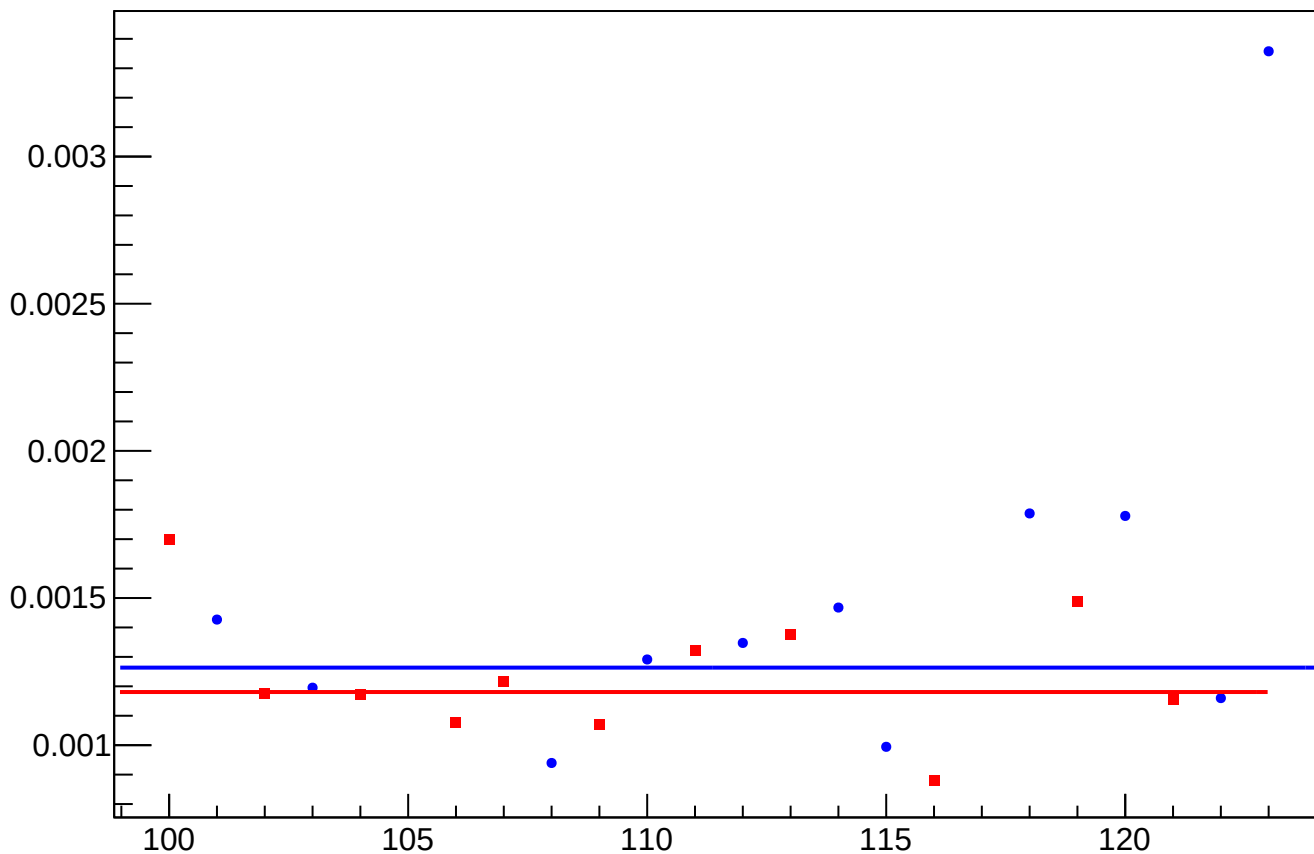
Right: -0.000+/-0.000 χ^2/NDF : 15.1/21

In: 0.000+/-0.000 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.1/21

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 332731.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 173182.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

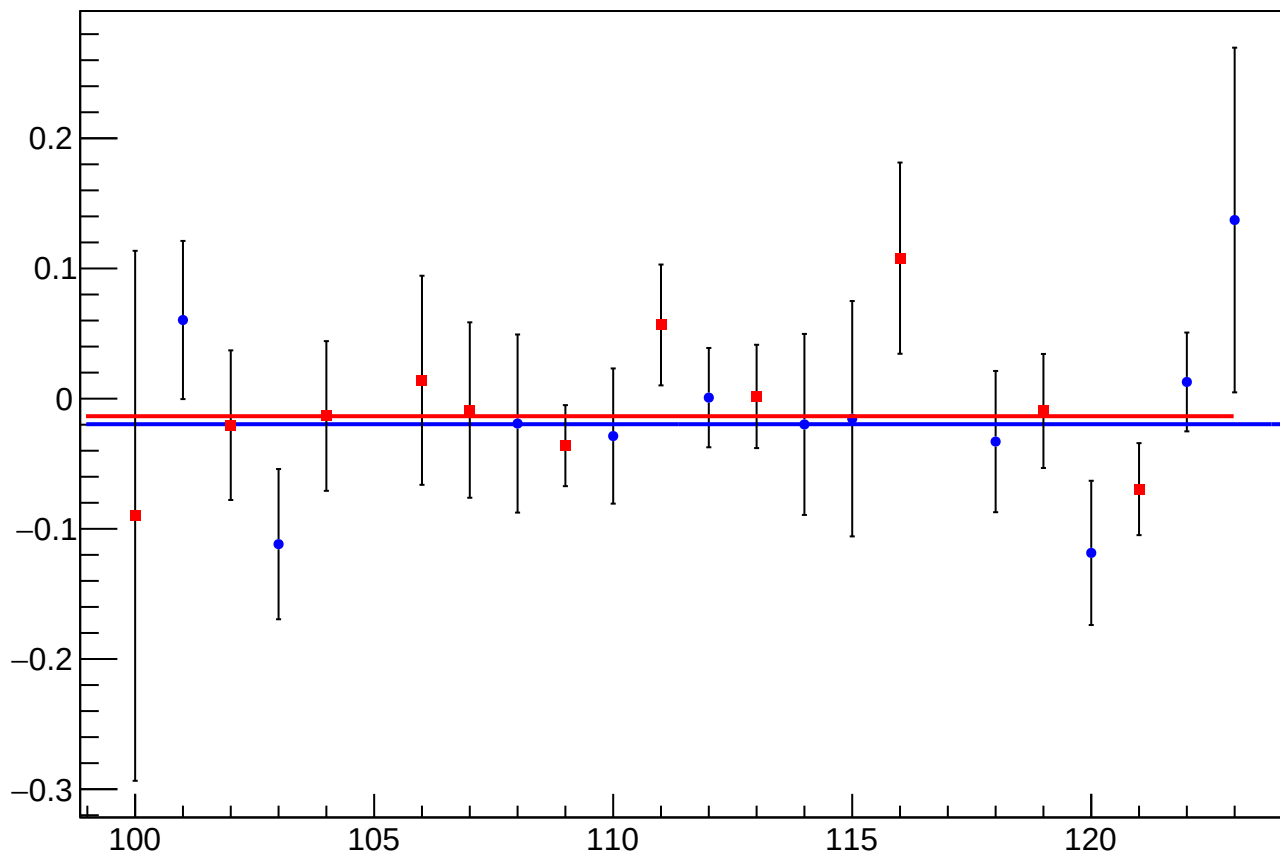
Right: 0.001+/-0.000 χ^2/NDF : 525061.9/21

In: 0.001+/-0.000 χ^2/NDF :332731.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 525061.9/21

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.015 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

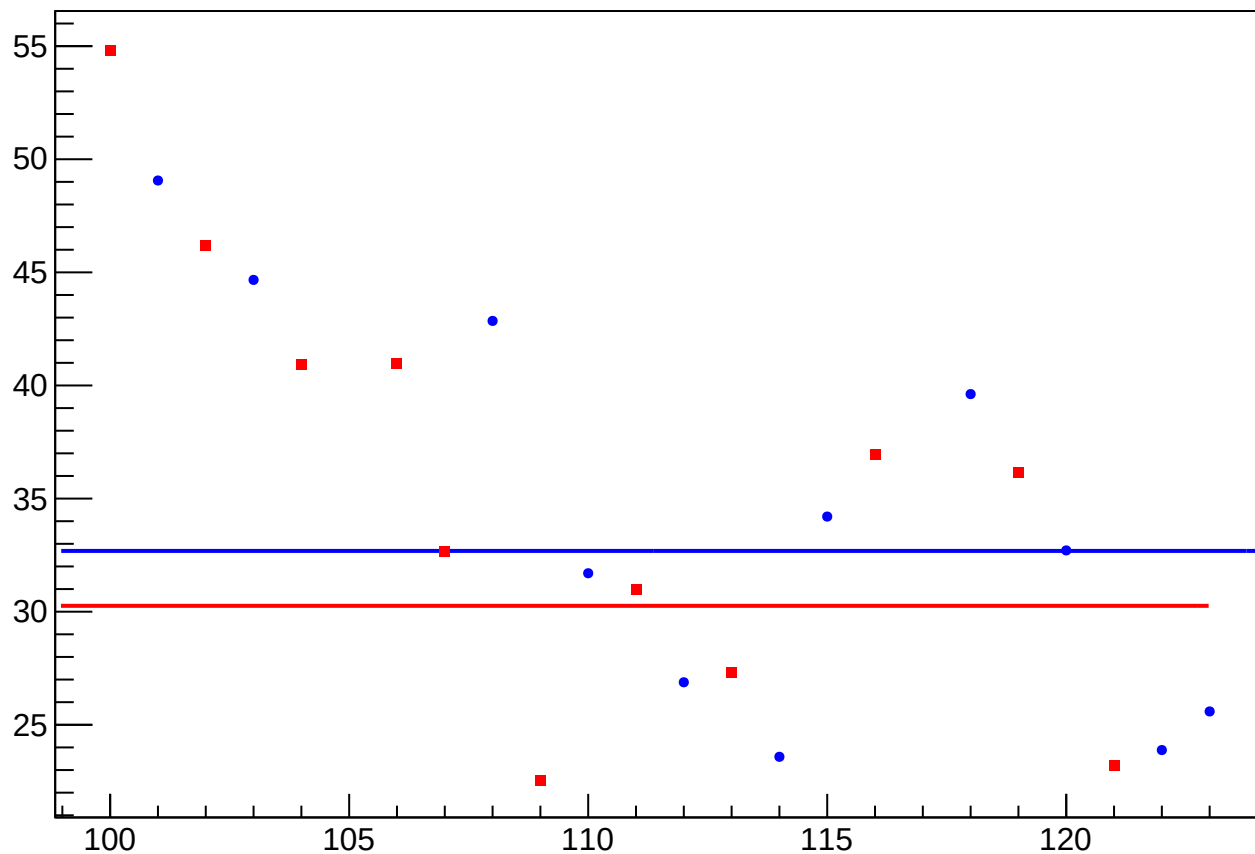
Right: -0.016+/-0.011 χ^2/NDF : 18.5/21

In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.011 χ^2/NDF : 18.5/21

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.687+/-0.012 χ^2/NDF : 503605.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.259+/-0.010 χ^2/NDF : 556394.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

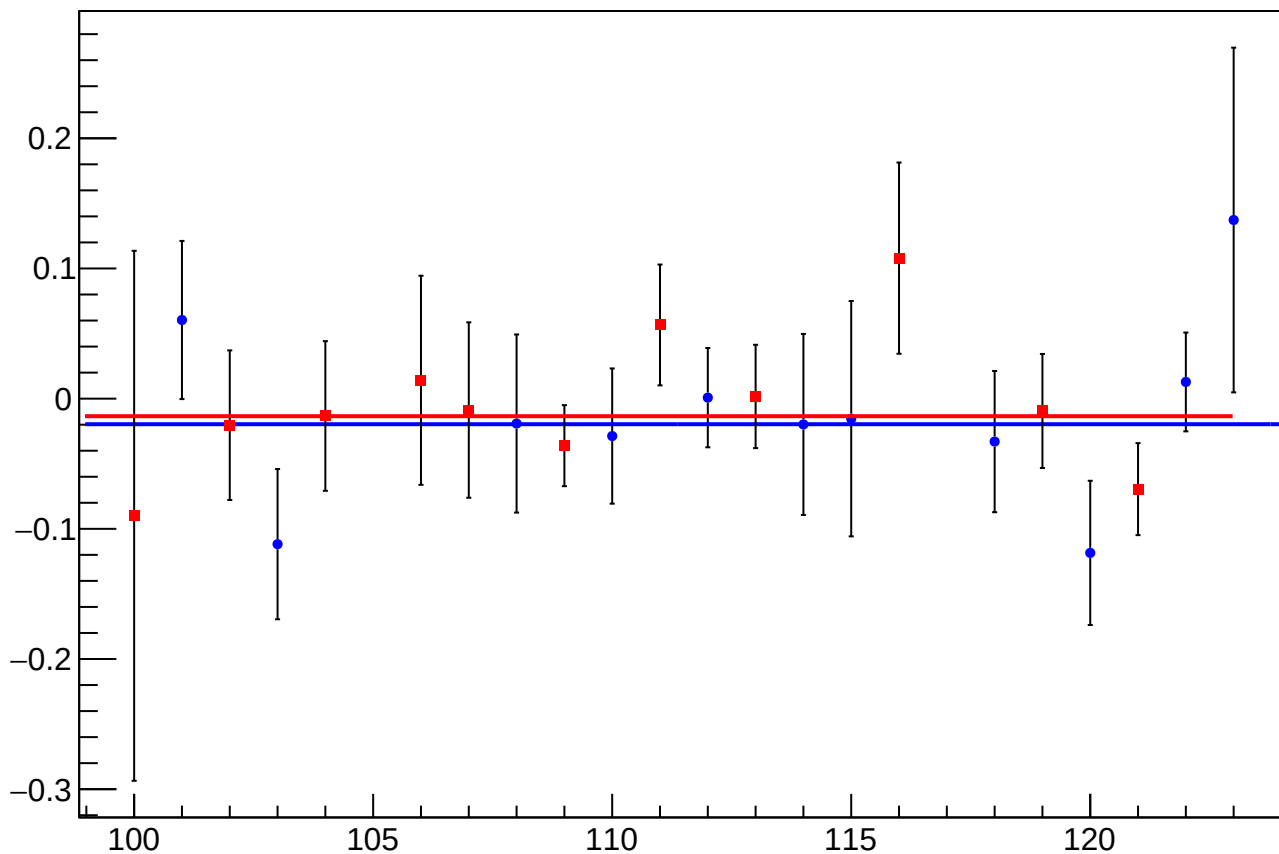
Right: 31.318+/-0.008 χ^2/NDF : 1083850.4/21

In: 32.687+/-0.012 χ^2/NDF : 503605.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.318+/-0.008 χ^2/NDF : 1083850.4/21

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.015 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

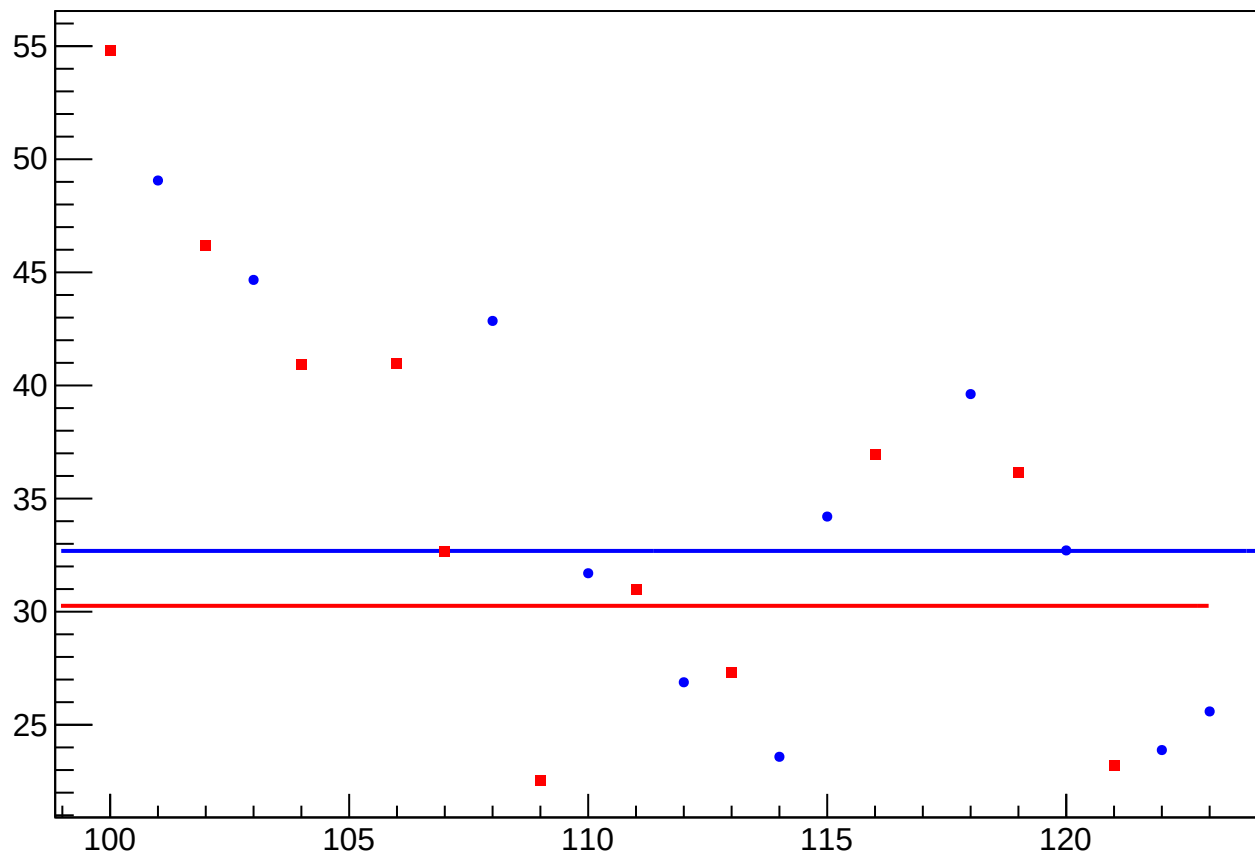
Right: -0.016+/-0.011 χ^2/NDF : 18.5/21

In: -0.020+/-0.017 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.011 χ^2/NDF : 18.5/21

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.687+/-0.012 χ^2/NDF : 503605.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.259+/-0.010 χ^2/NDF : 556394.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

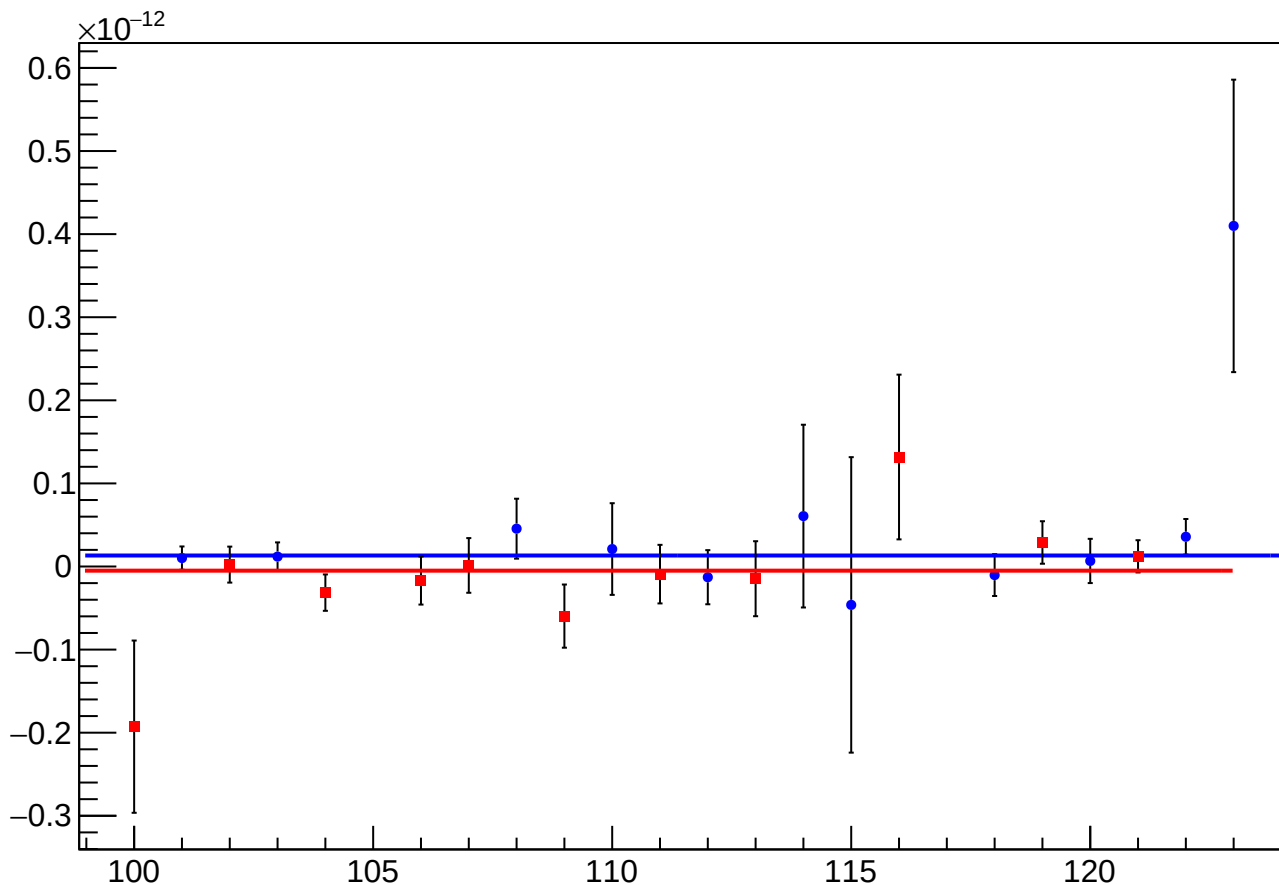
Right: 31.318+/-0.008 χ^2/NDF : 1083850.4/21

In: 32.687+/-0.012 χ^2/NDF : 503605.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.318+/-0.008 χ^2/NDF : 1083850.4/21

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.9/10

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

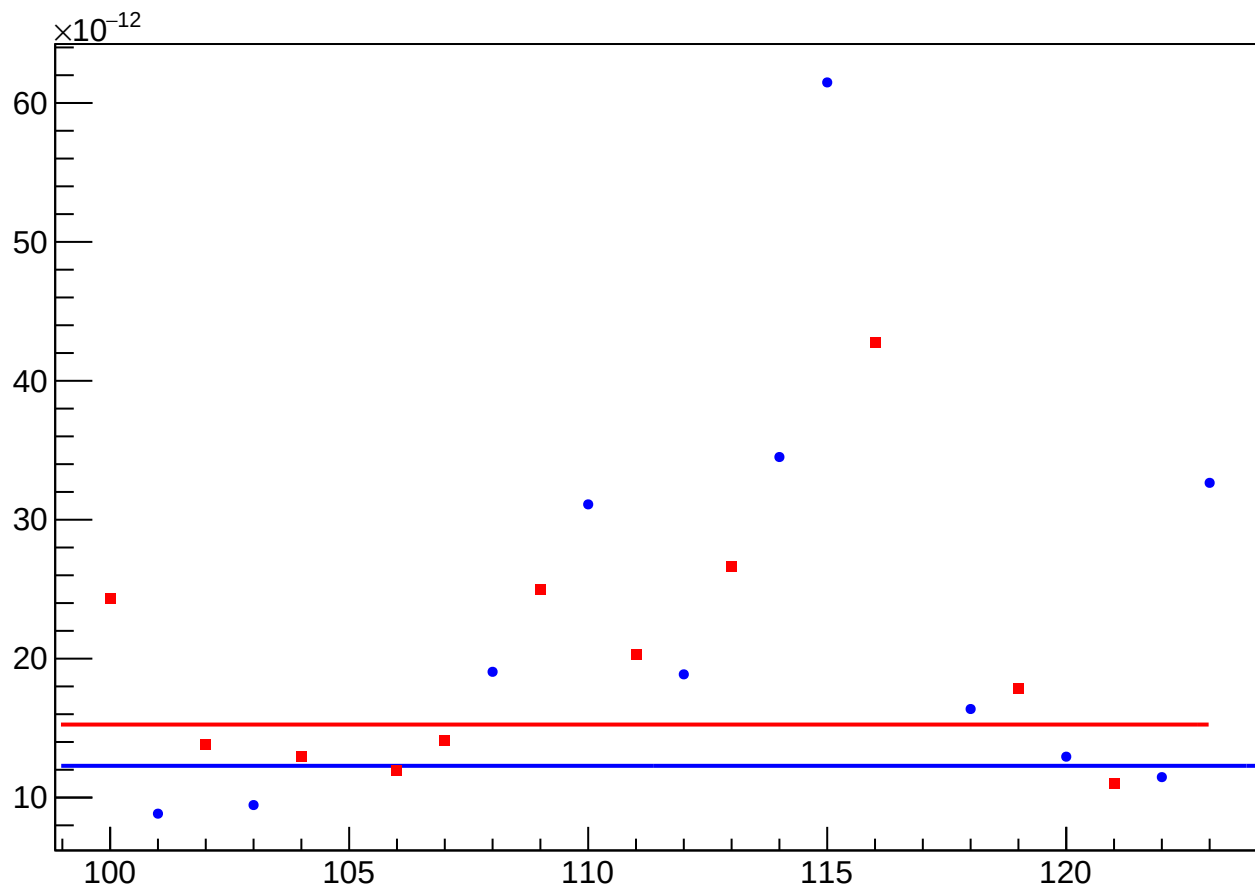
Right: 0.000+/-0.000 χ^2/NDF : 22.9/21

In: 0.000+/-0.000 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.9/21

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 879458.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 645898.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

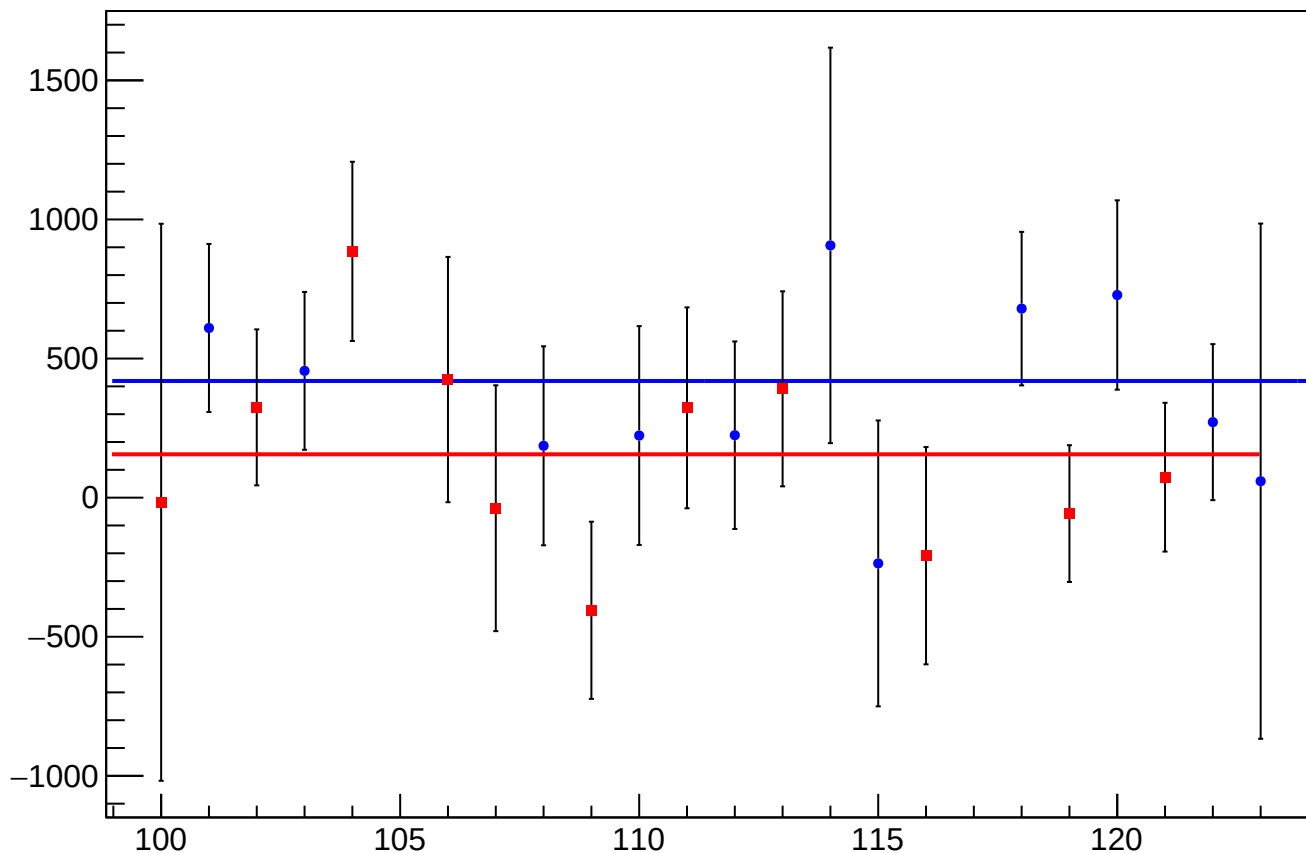
Right: 0.000+/-0.000 χ^2/NDF : 1649969.6/21

In: 0.000+/-0.000 χ^2/NDF : 879458.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1649969.6/21

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 419.384 $\pm$ 106.678 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.817 $\pm$ 101.856 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

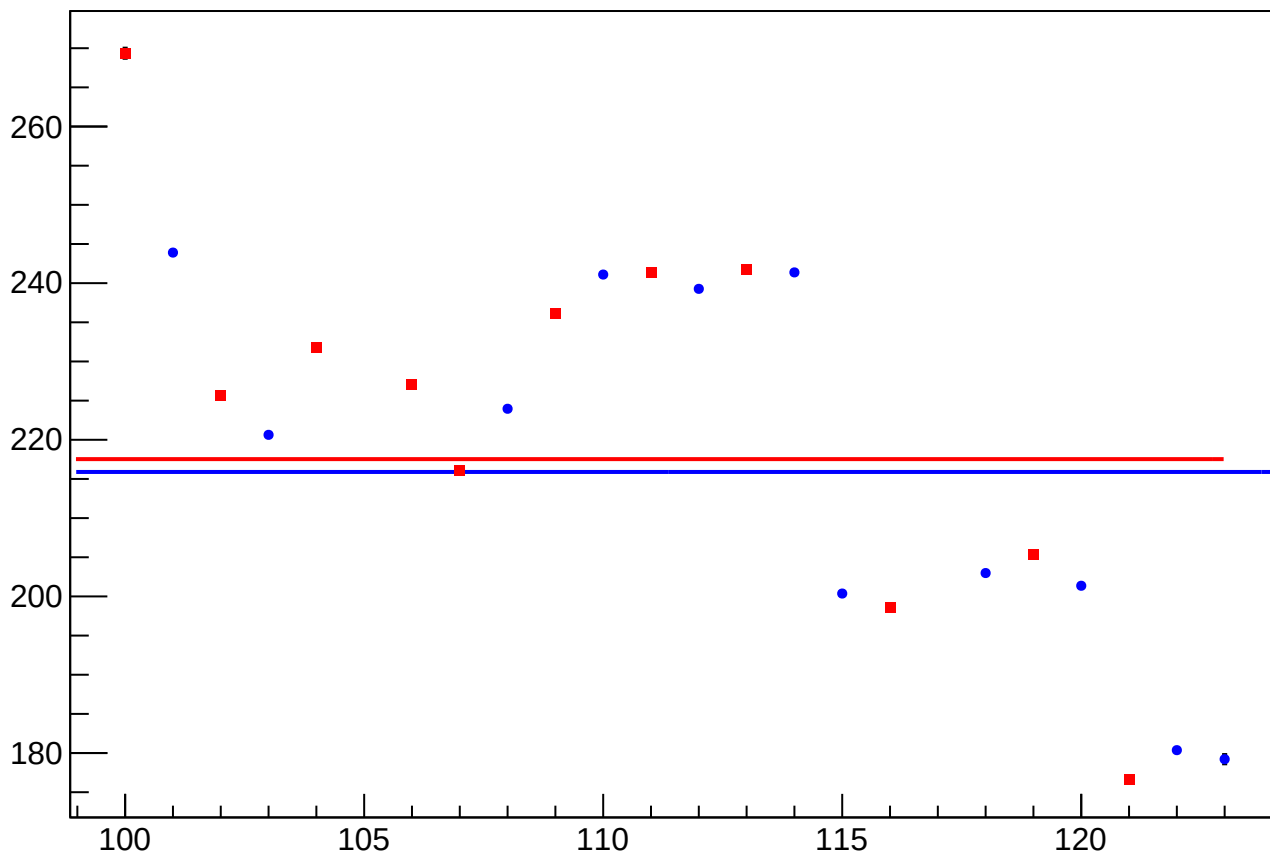
Right: 281.510 $\pm$ 73.669 χ^2 /NDF: 20.4/21

In: 419.384 $\pm$ 106.678 χ^2 /NDF:5.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 281.510 $\pm$ 73.669 χ^2 /NDF: 20.4/21

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 215.892+/-0.075 χ^2/NDF : 84249.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.531+/-0.072 χ^2/NDF : 93281.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

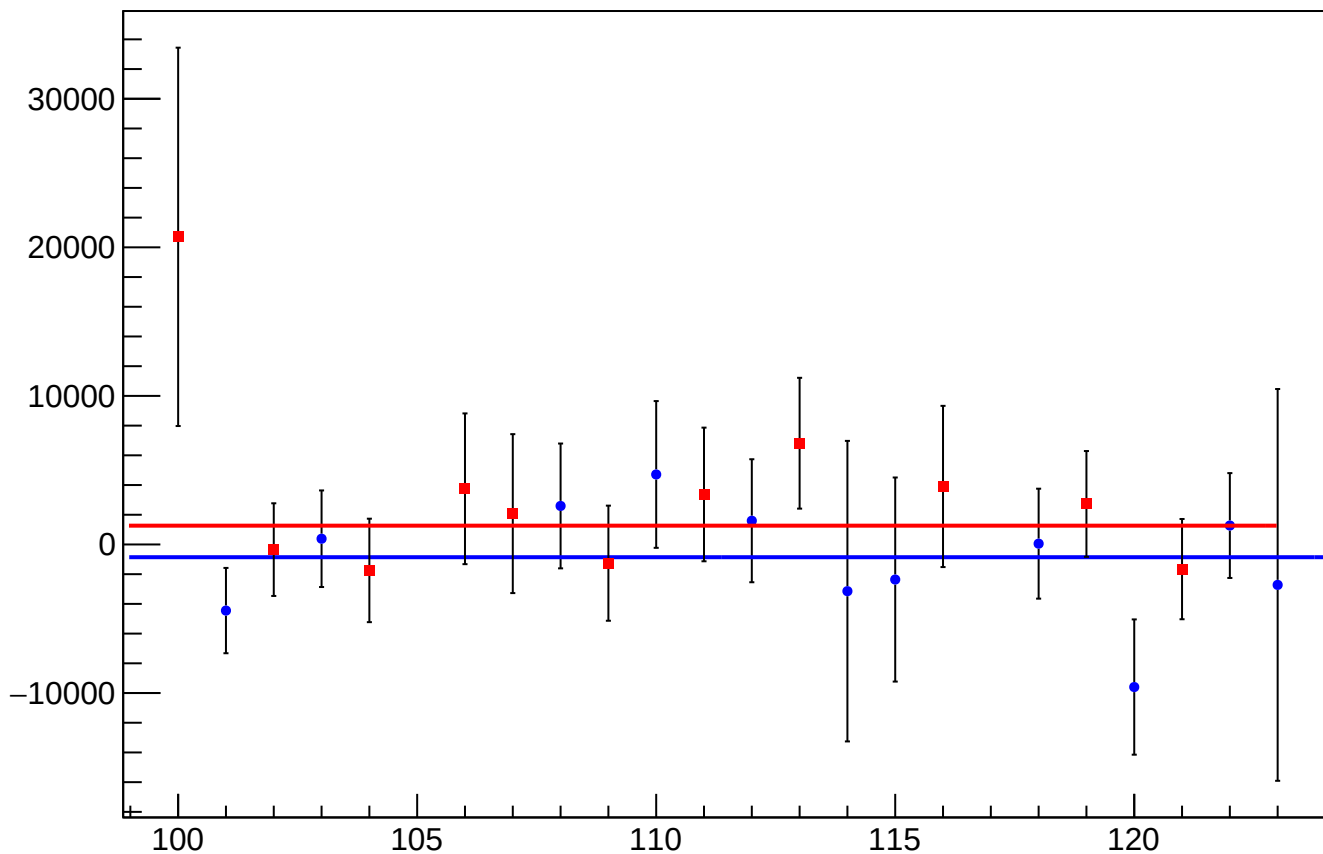
Right: 216.749+/-0.052 χ^2/NDF : 177777.9/21

In: 215.892+/-0.075 χ^2/NDF : 84249.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.749+/-0.052 χ^2/NDF : 177777.9/21

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -857.806+/-1280.126 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.397+/-1256.356 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

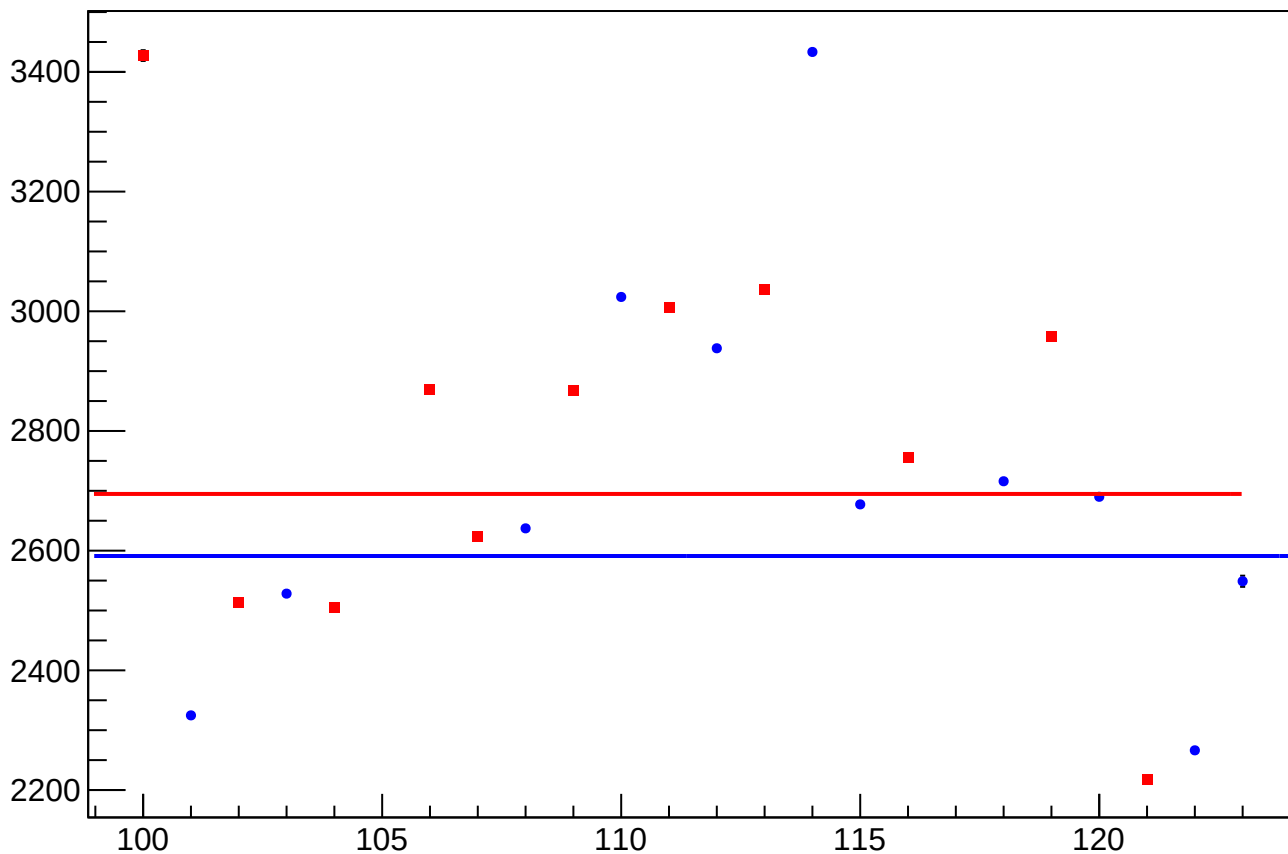
Right: 223.691+/-896.664 χ^2/NDF : 16.6/21

In: -857.806+/-1280.126 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.691+/-896.664 χ^2/NDF : 16.6/21

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2591.078+/-0.905 χ^2/NDF : 81978.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2694.769+/-0.888 χ^2/NDF : 98896.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

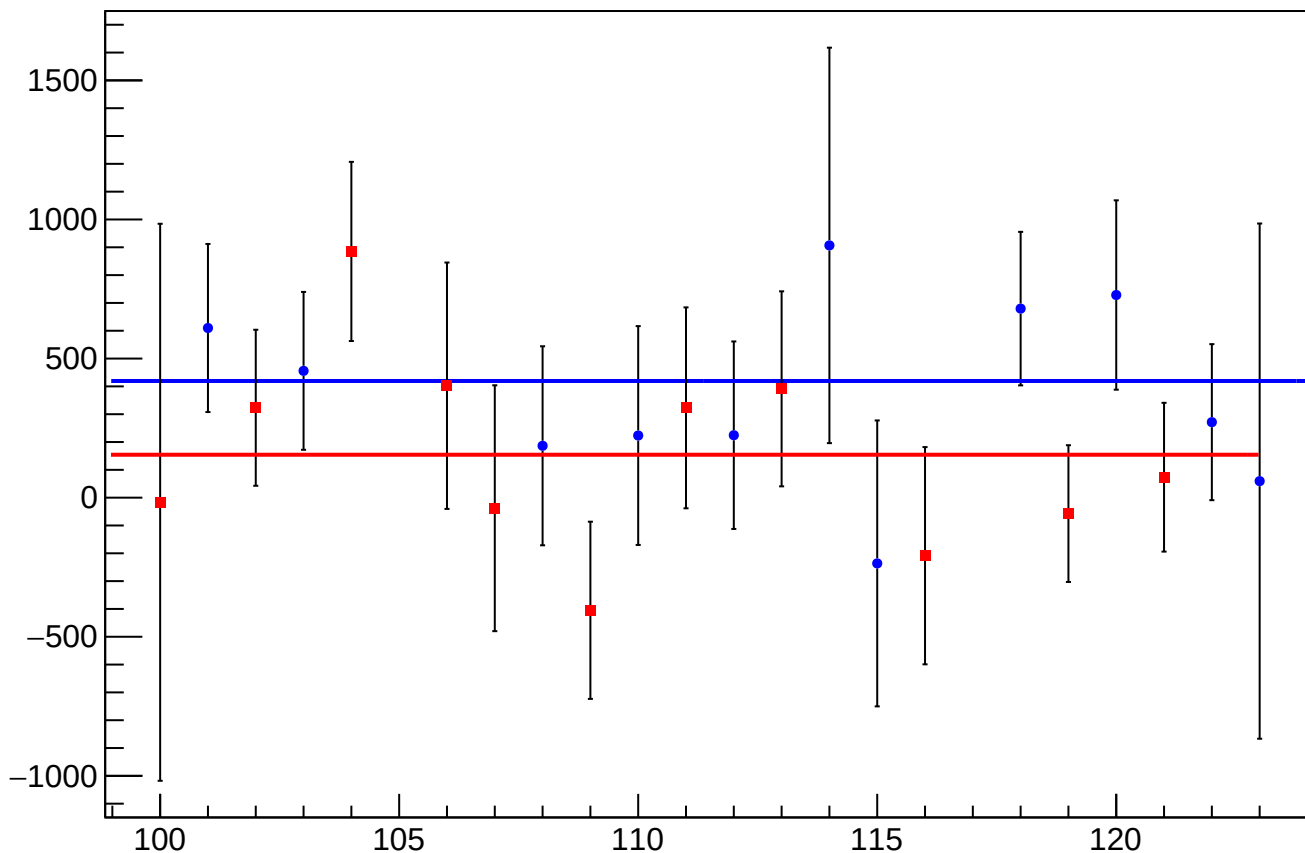
Right: 2643.895+/-0.634 χ^2/NDF : 187559.1/21

In: 2591.078+/-0.905 χ^2/NDF : 81978.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2643.895+/-0.634 χ^2/NDF : 187559.1/21

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 419.409 $\pm$ 106.678 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.293 $\pm$ 101.884 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

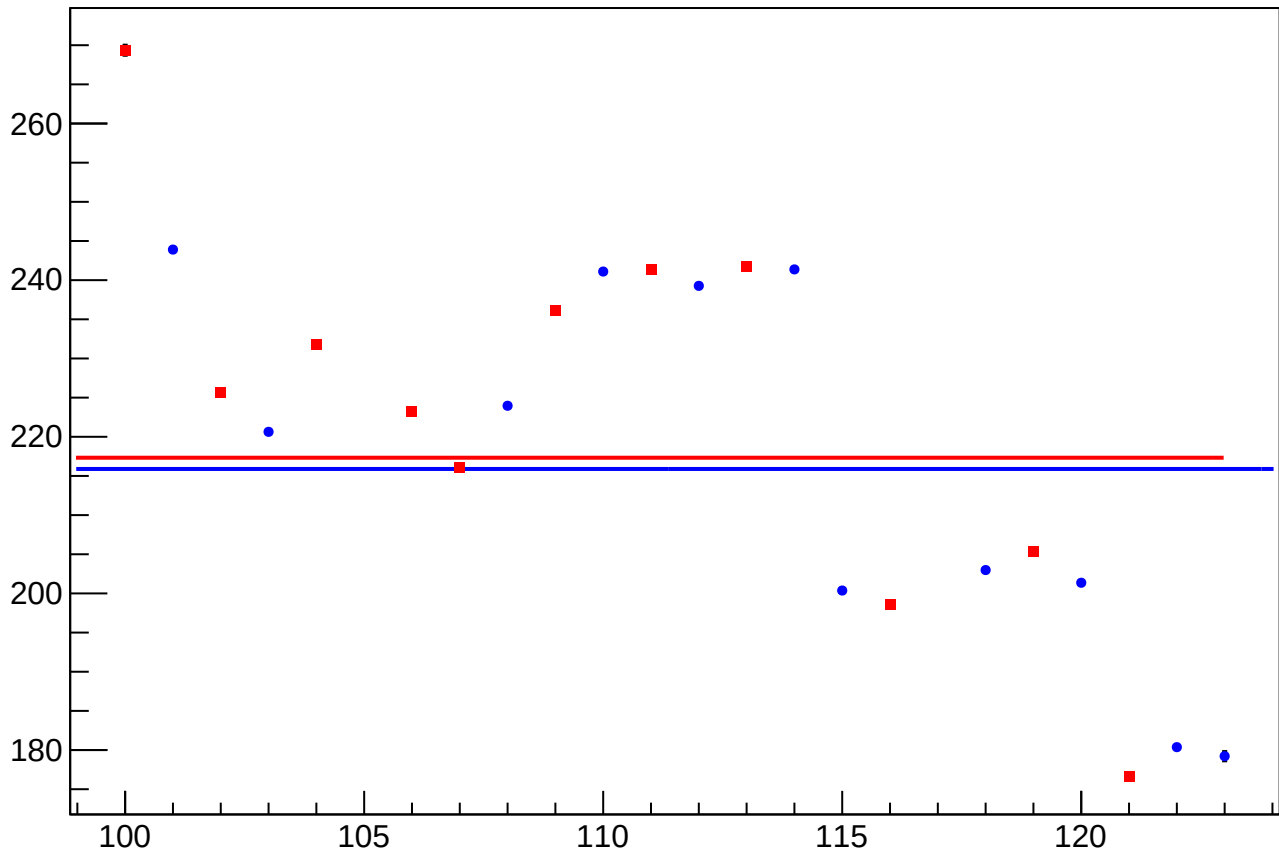
Right: 280.760 $\pm$ 73.679 χ^2 /NDF: 20.4/21

In: 419.409 $\pm$ 106.678 χ^2 /NDF:5.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 280.760 $\pm$ 73.679 χ^2 /NDF: 20.4/21

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 215.892+/-0.075 χ^2/NDF : 84249.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.328+/-0.072 χ^2/NDF : 92685.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

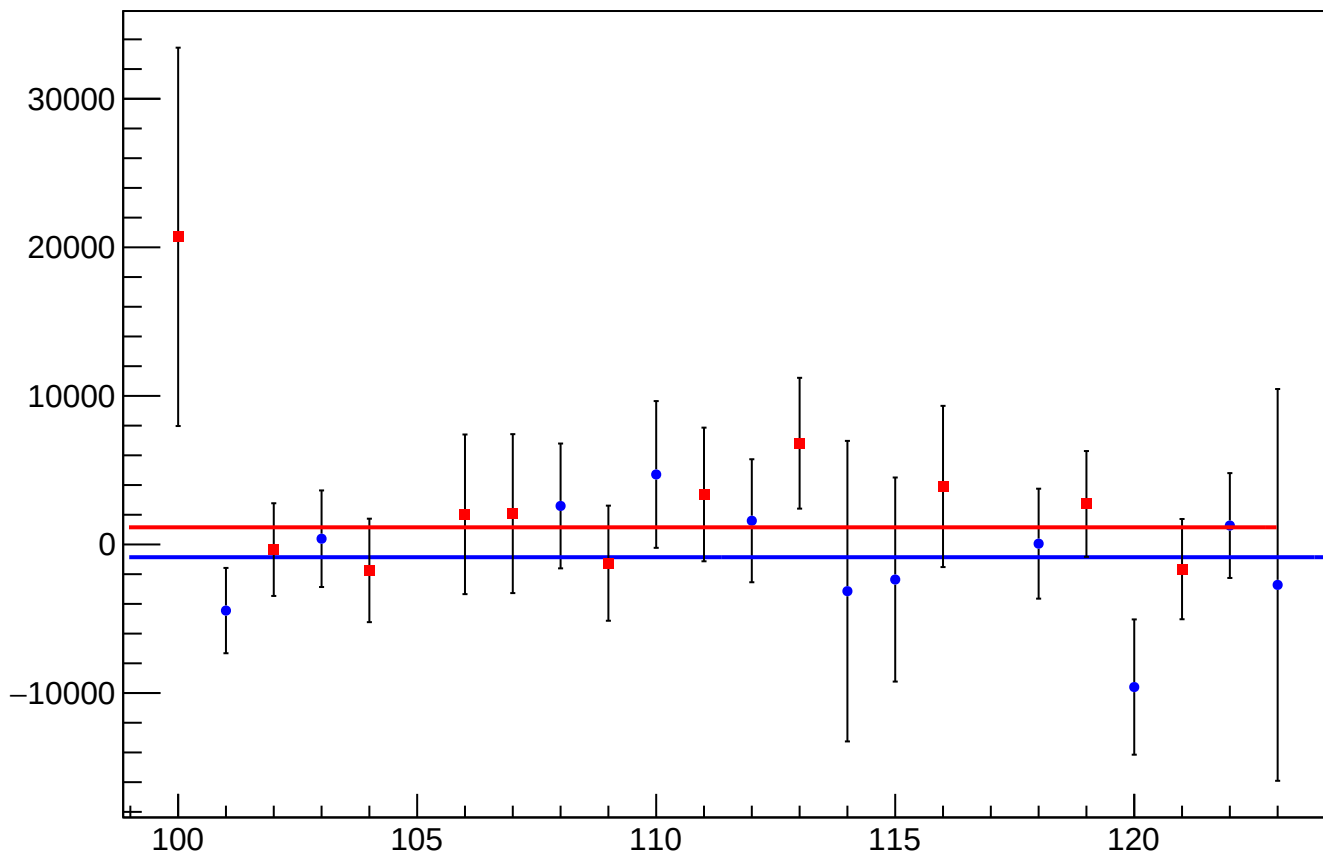
Right: 216.643+/-0.052 χ^2/NDF : 177125.4/21

In: 215.892+/-0.075 χ^2/NDF : 84249.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.643+/-0.052 χ^2/NDF : 177125.4/21

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -857.692+/-1280.131 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.790+/-1260.628 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

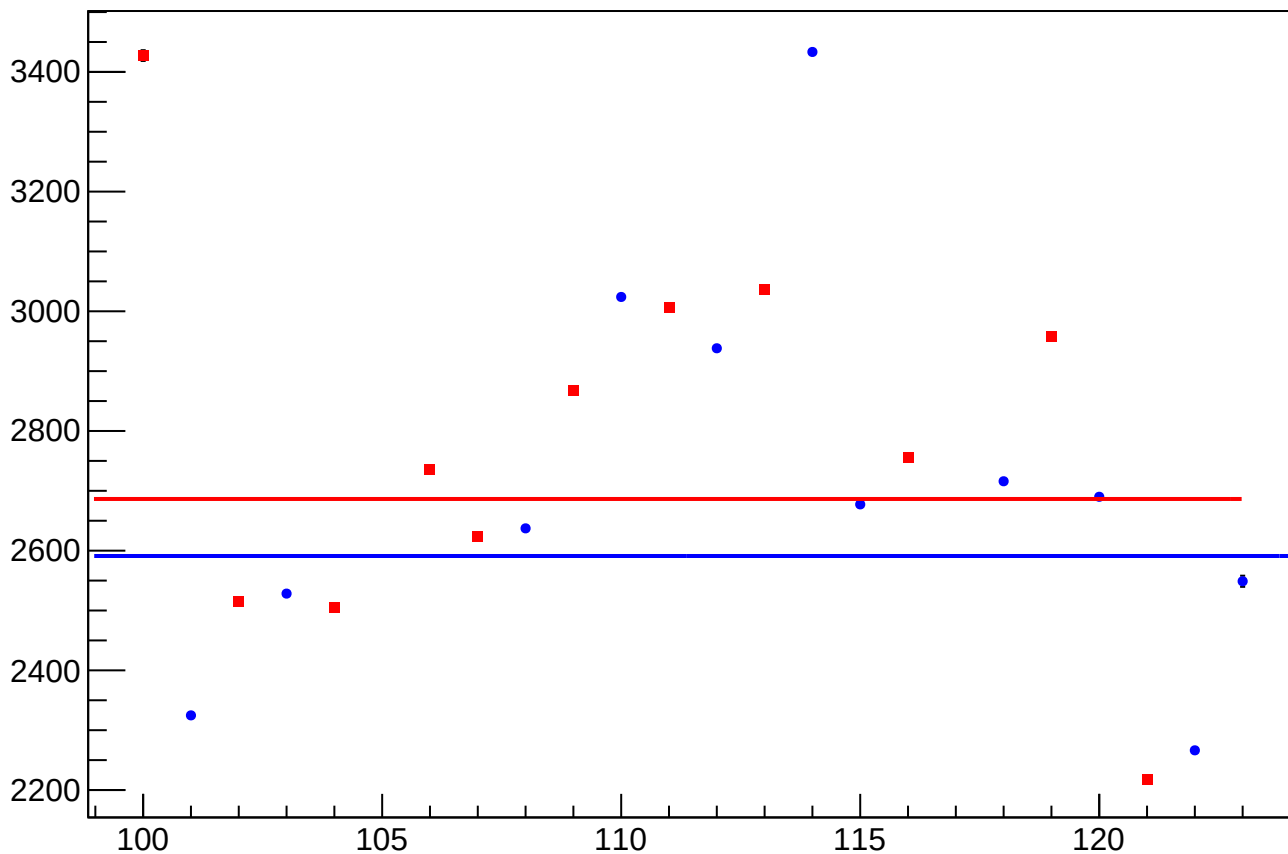
Right: 163.996+/-898.215 χ^2/NDF : 16.3/21

In: -857.692+/-1280.131 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.996+/-898.215 χ^2/NDF : 16.3/21

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2591.088+/-0.905 χ^2/NDF : 81976.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2686.374+/-0.891 χ^2/NDF : 96466.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

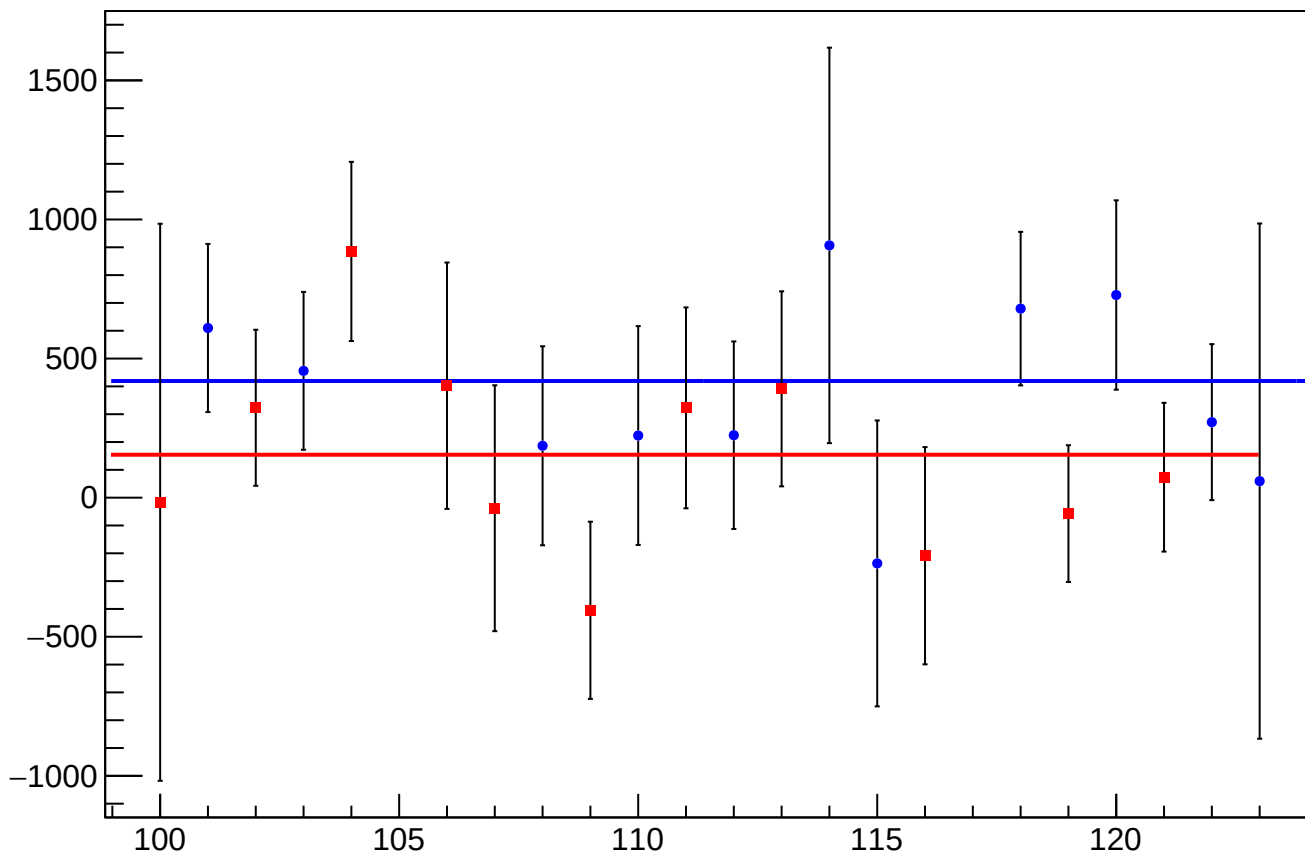
Right: 2639.462+/-0.635 χ^2/NDF : 184069.2/21

In: 2591.088+/-0.905 χ^2/NDF : 81976.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.462+/-0.635 χ^2/NDF : 184069.2/21

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 419.409 $\pm$ 106.678 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.293 $\pm$ 101.884 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

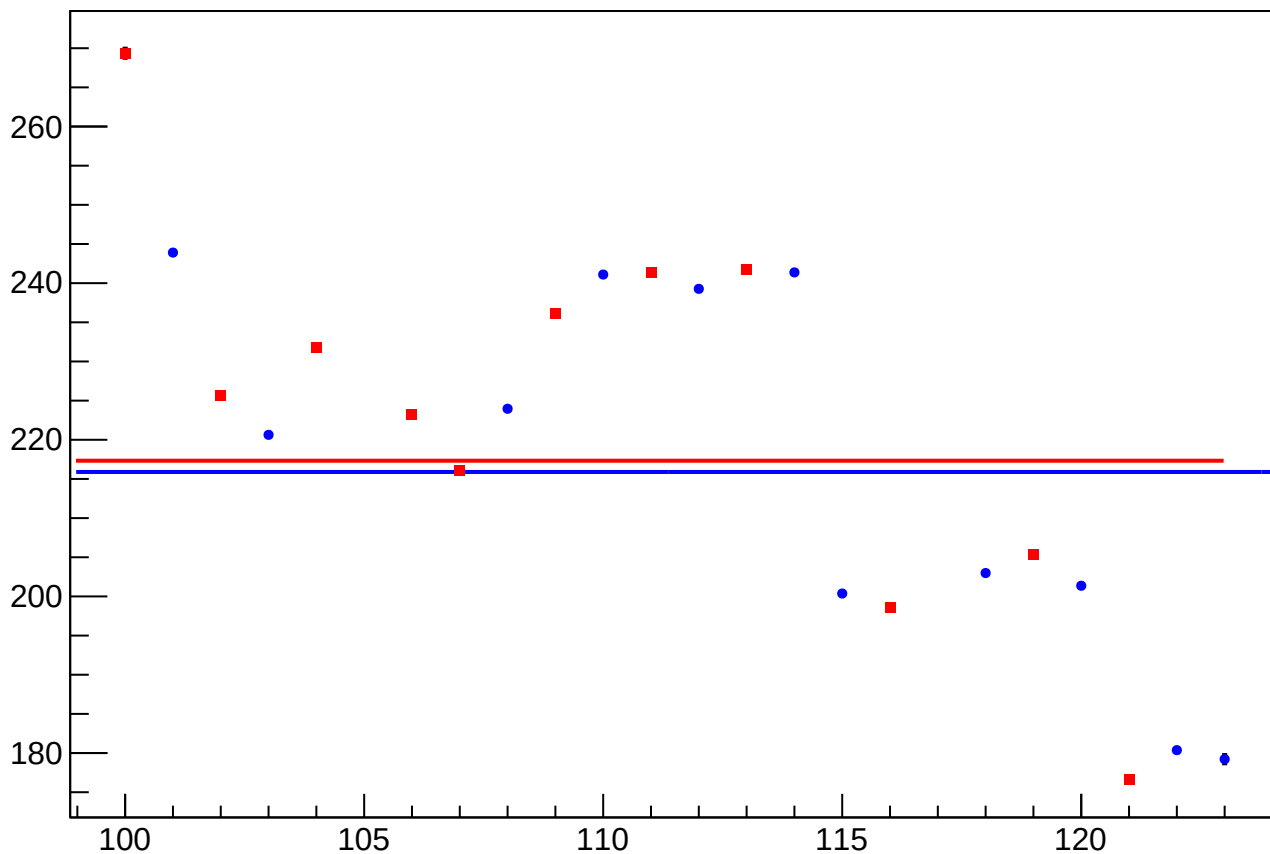
Right: 280.760 $\pm$ 73.679 χ^2 /NDF: 20.4/21

In: 419.409 $\pm$ 106.678 χ^2 /NDF:5.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 280.760 $\pm$ 73.679 χ^2 /NDF: 20.4/21

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 215.892 $\pm$ 0.075 χ^2 /NDF: 84249.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 217.328 $\pm$ 0.072 χ^2 /NDF: 92685.9/10

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

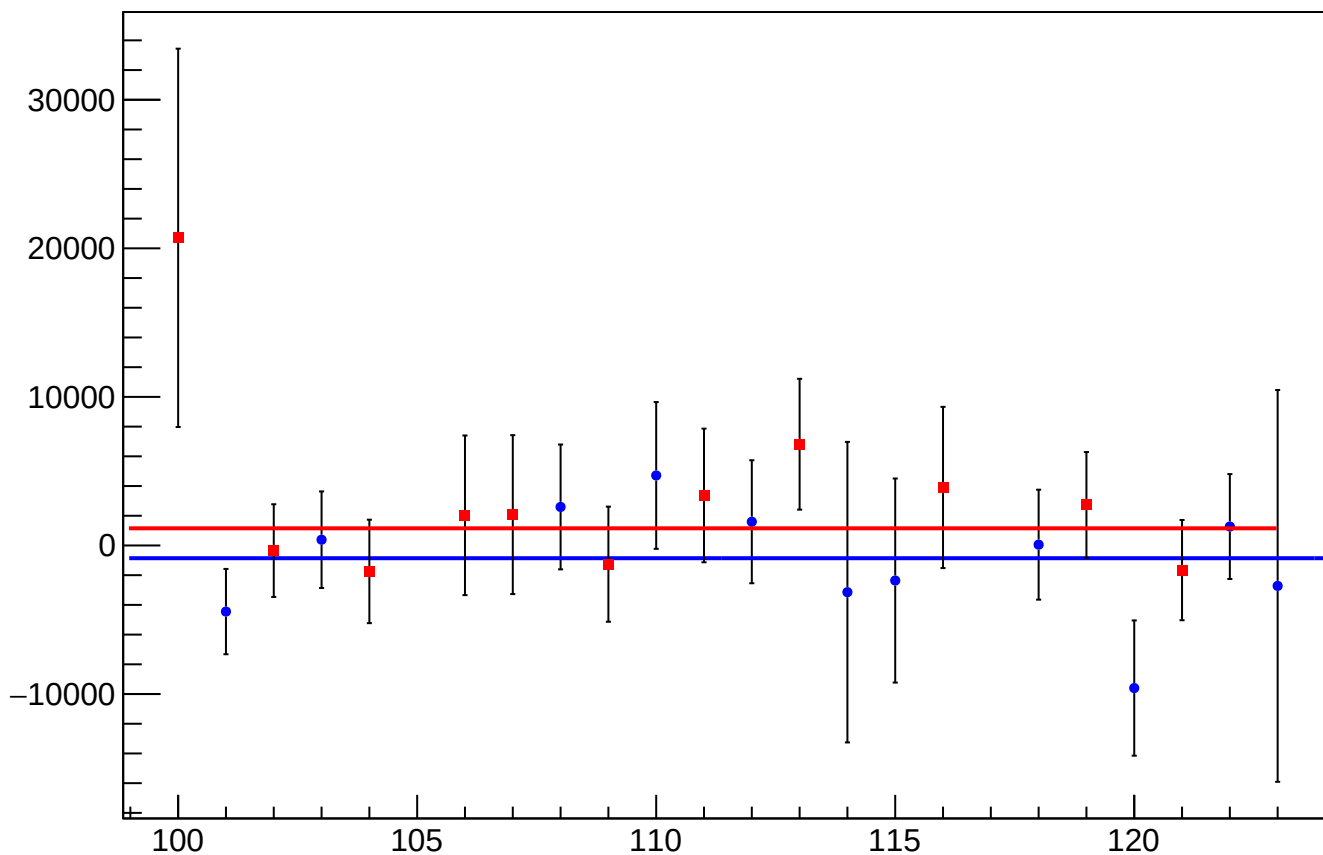
Right: 216.643 $\pm$ 0.052 χ^2 /NDF: 177125.4/21

In: 215.892 $\pm$ 0.075 χ^2 /NDF:84249.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.643 $\pm$ 0.052 χ^2 /NDF: 177125.4/21

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -857.692+/-1280.131 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.790+/-1260.628 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

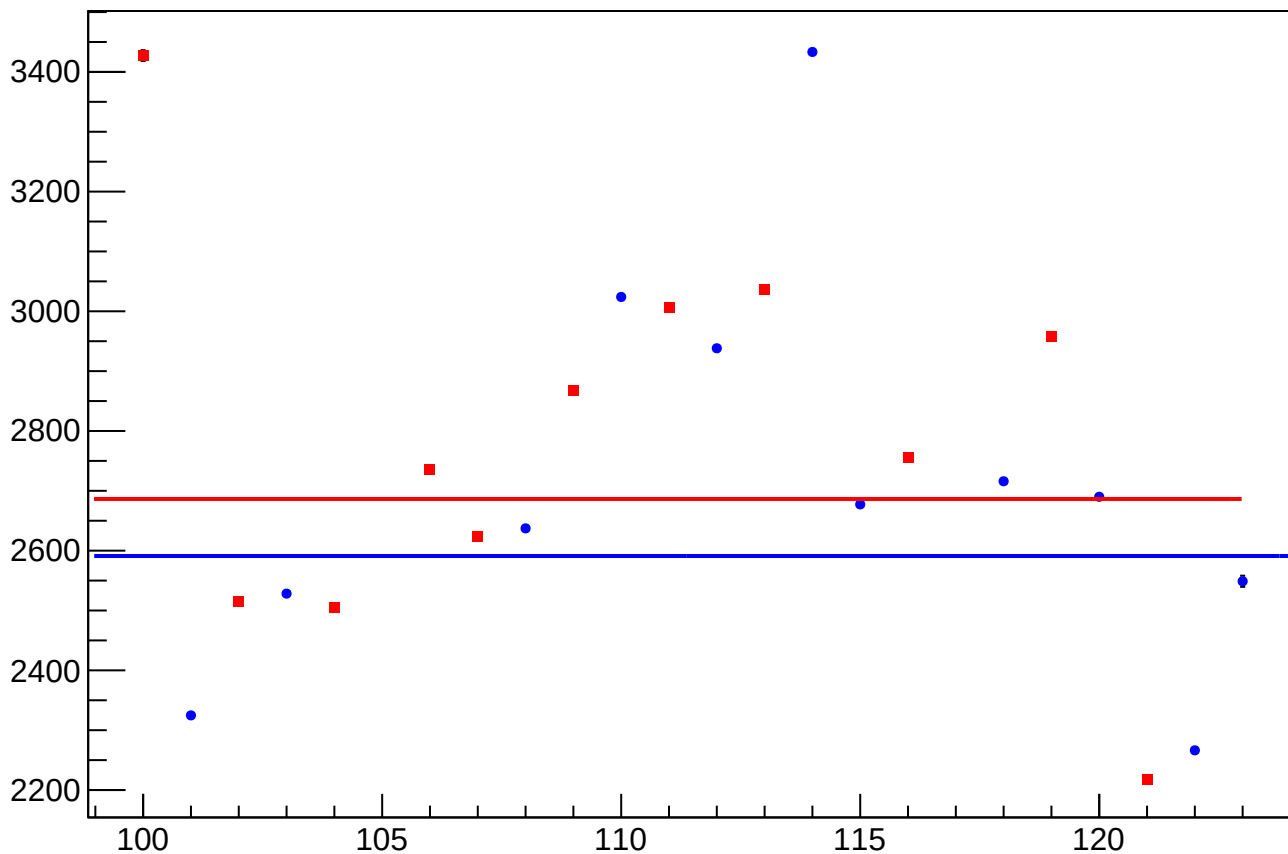
Right: 163.996+/-898.215 χ^2/NDF : 16.3/21

In: -857.692+/-1280.131 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.996+/-898.215 χ^2/NDF : 16.3/21

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2591.088+/-0.905 χ^2/NDF : 81976.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2686.374+/-0.891 χ^2/NDF : 96466.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

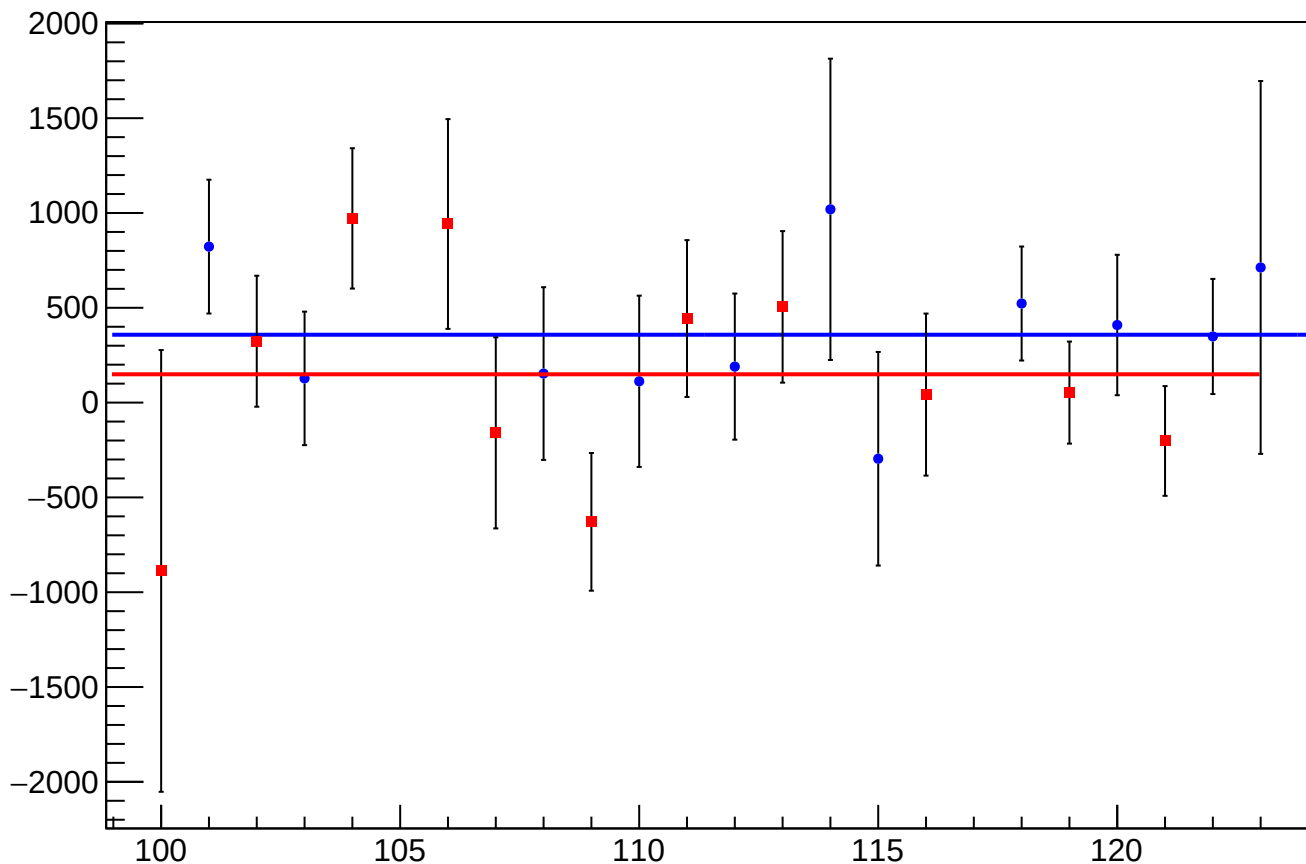
Right: 2639.462+/-0.635 χ^2/NDF : 184069.2/21

In: 2591.088+/-0.905 χ^2/NDF : 81976.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.462+/-0.635 χ^2/NDF : 184069.2/21

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 357.897 $\pm$ 121.684 χ^2 /NDF: 5.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.295 $\pm$ 115.818 χ^2 /NDF: 16.0/10

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

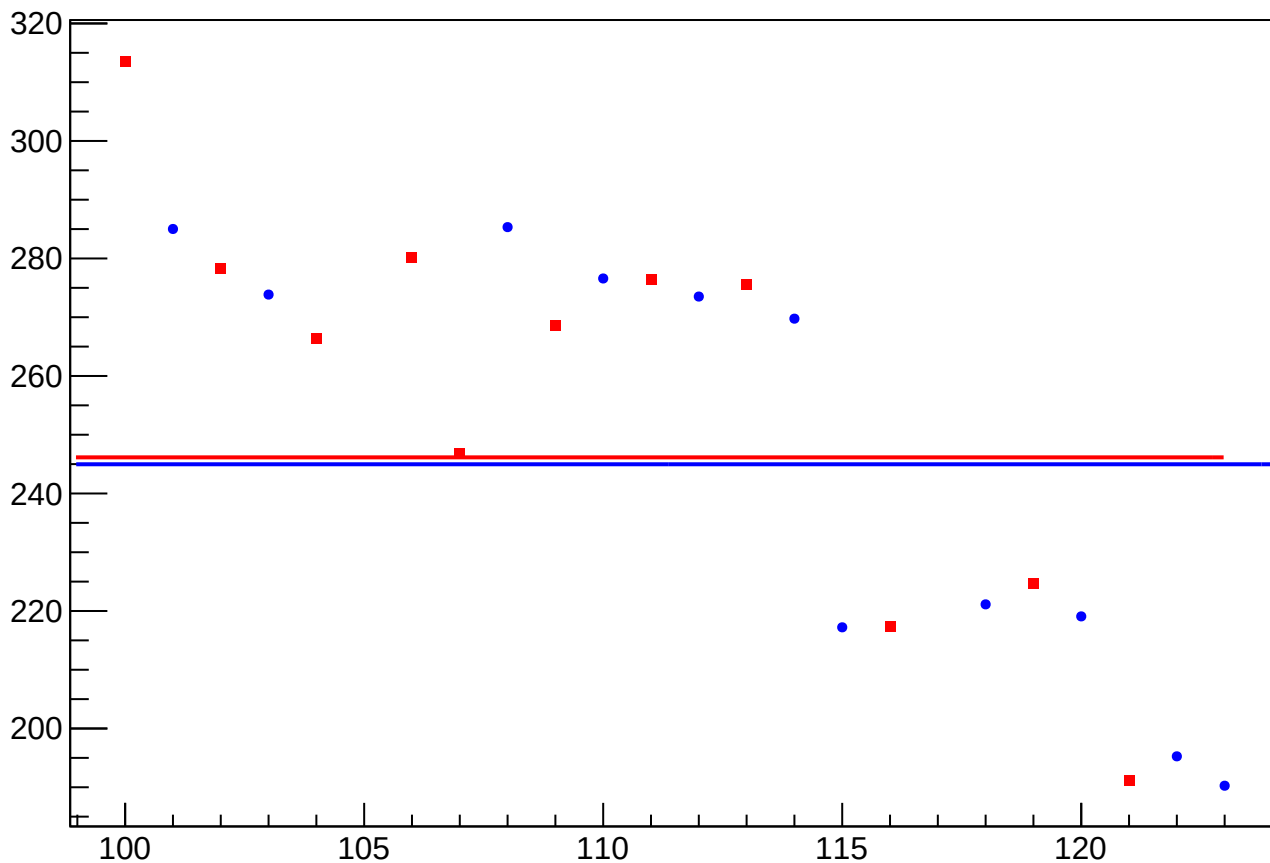
Right: 248.447 $\pm$ 83.893 χ^2 /NDF: 22.9/21

In: 357.897 $\pm$ 121.684 χ^2 /NDF:5.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.447 $\pm$ 83.893 χ^2 /NDF: 22.9/21

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 244.972+/-0.086 χ^2/NDF : 164664.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.149+/-0.082 χ^2/NDF : 161012.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

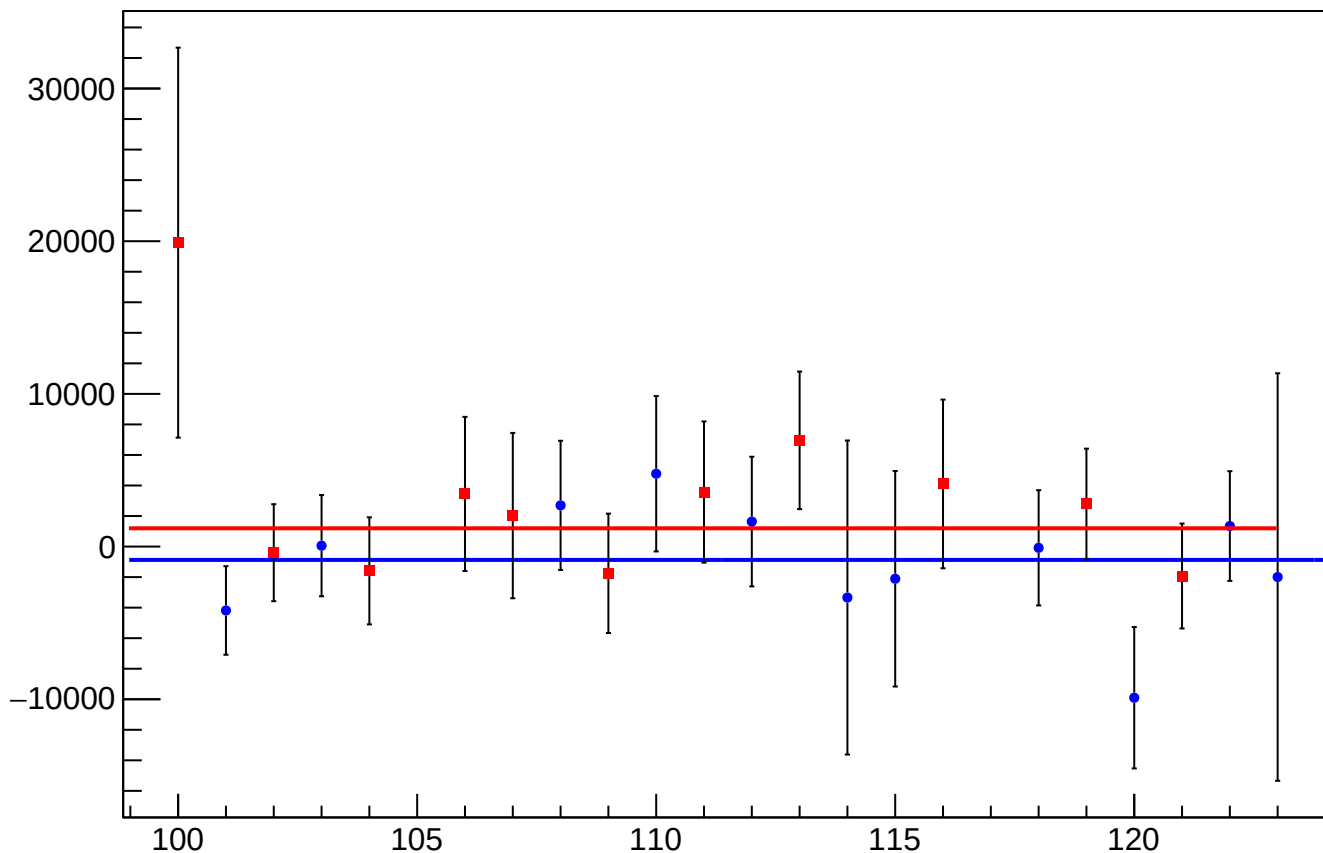
Right: 245.590+/-0.059 χ^2/NDF : 325775.0/21

In: 244.972+/-0.086 χ^2/NDF : 164664.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.590+/-0.059 χ^2/NDF : 325775.0/21

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -873.687+/-1302.578 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1197.300+/-1275.081 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

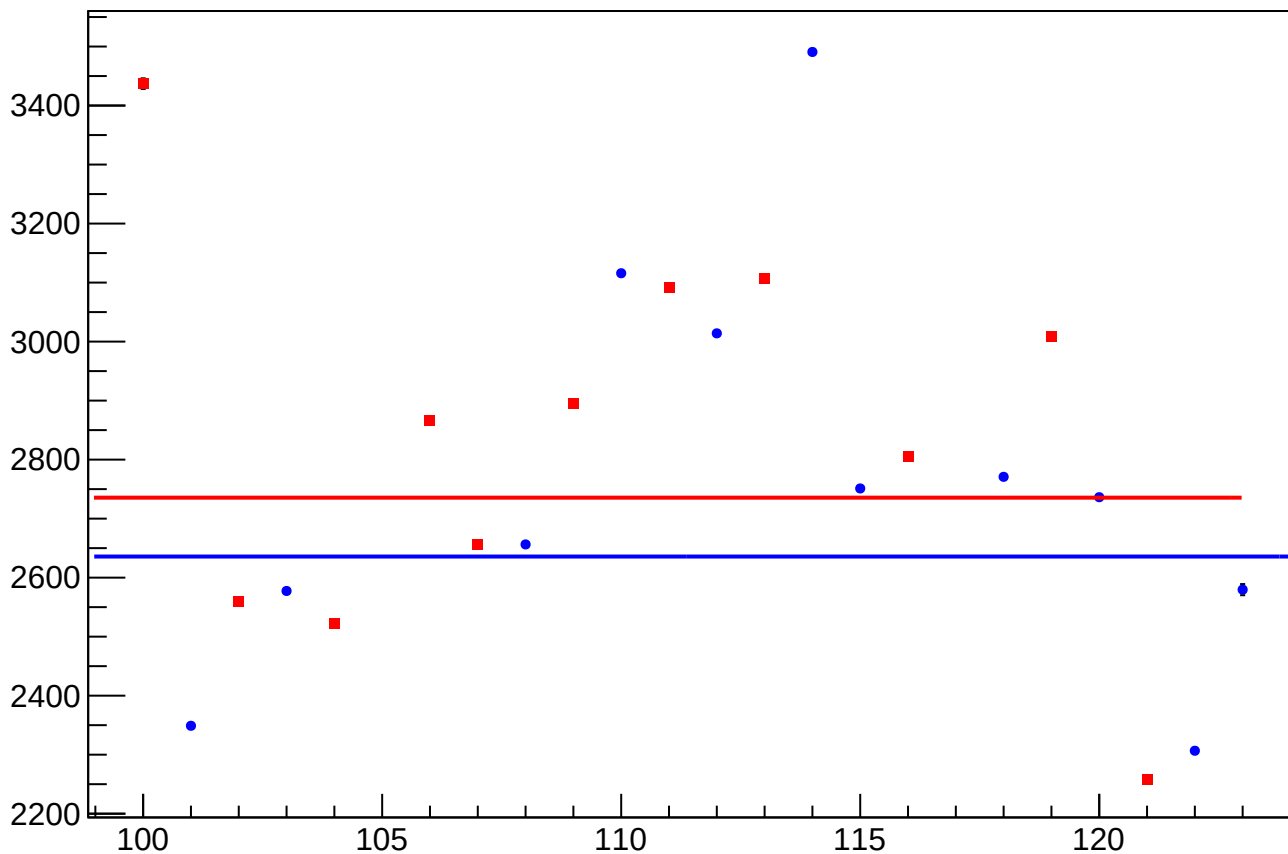
Right: 183.896+/-911.185 χ^2/NDF : 16.3/21

In: -873.687+/-1302.578 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.896+/-911.185 χ^2/NDF : 16.3/21

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2635.759+/-0.921 χ^2/NDF : 88570.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.530+/-0.902 χ^2/NDF : 100320.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

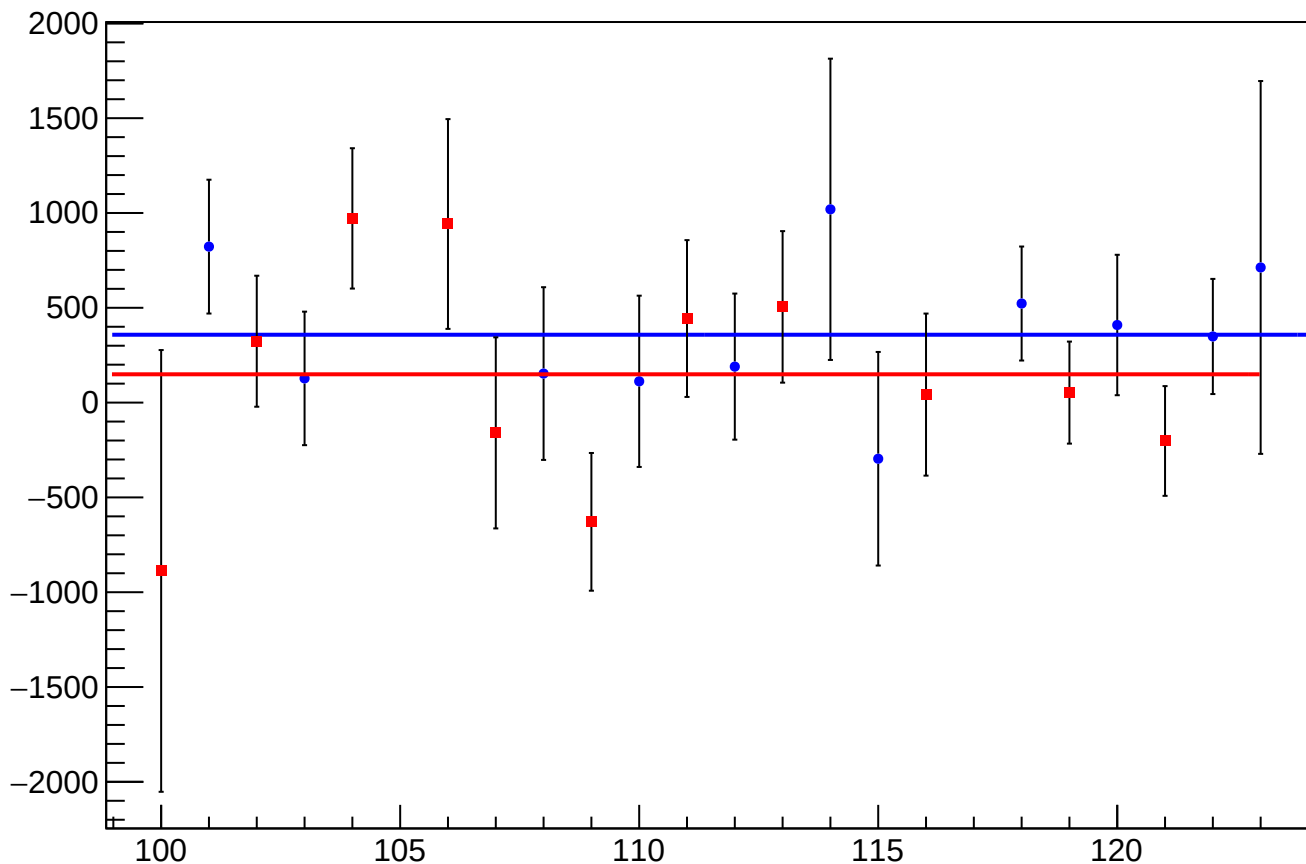
Right: 2686.709+/-0.644 χ^2/NDF : 194882.7/21

In: 2635.759+/-0.921 χ^2/NDF : 88570.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.709+/-0.644 χ^2/NDF : 194882.7/21

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 357.897 $\pm$ 121.683 χ^2 /NDF: 5.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.289 $\pm$ 115.818 χ^2 /NDF: 16.0/10

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

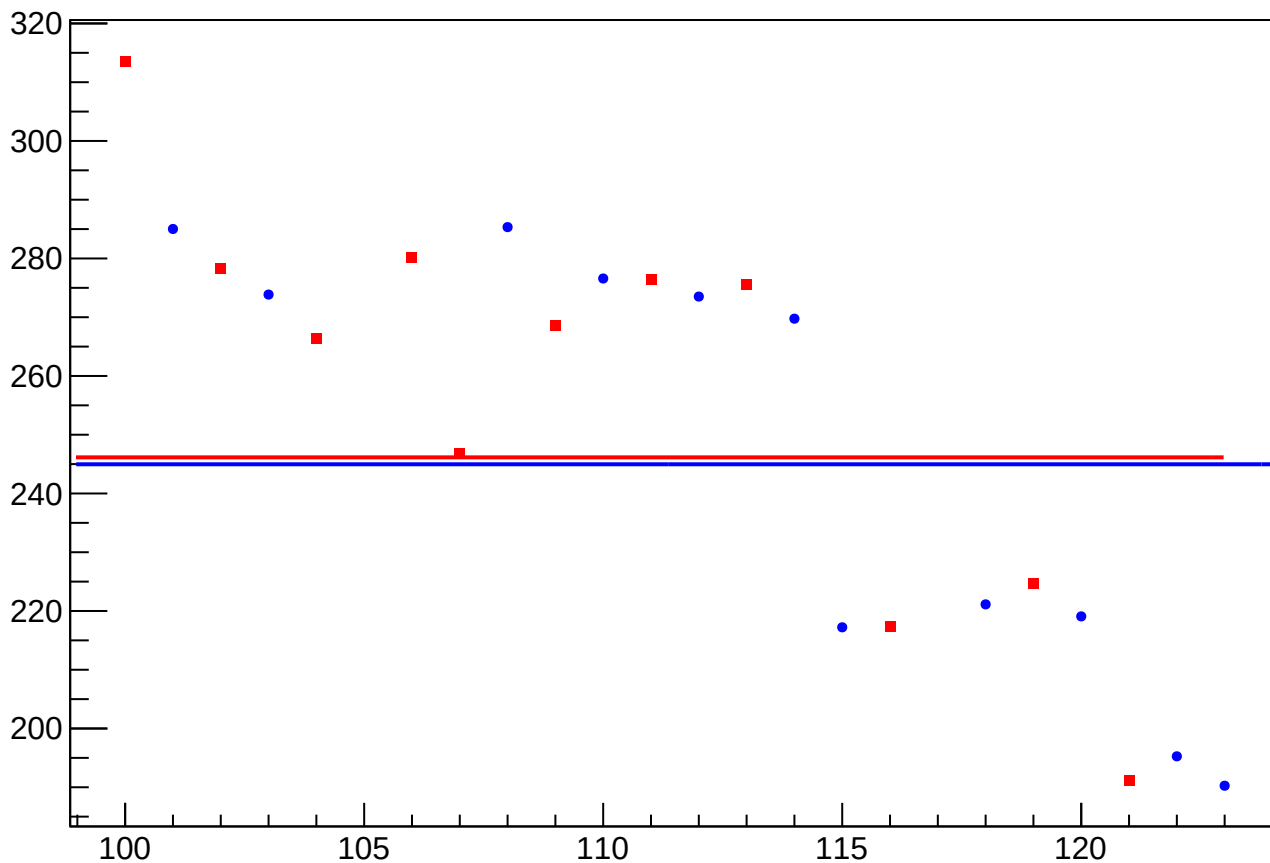
Right: 248.443 $\pm$ 83.892 χ^2 /NDF: 22.9/21

In: 357.897 $\pm$ 121.683 χ^2 /NDF:5.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.443 $\pm$ 83.892 χ^2 /NDF: 22.9/21

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 244.971+/-0.086 χ^2/NDF : 164660.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.148+/-0.082 χ^2/NDF : 161007.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

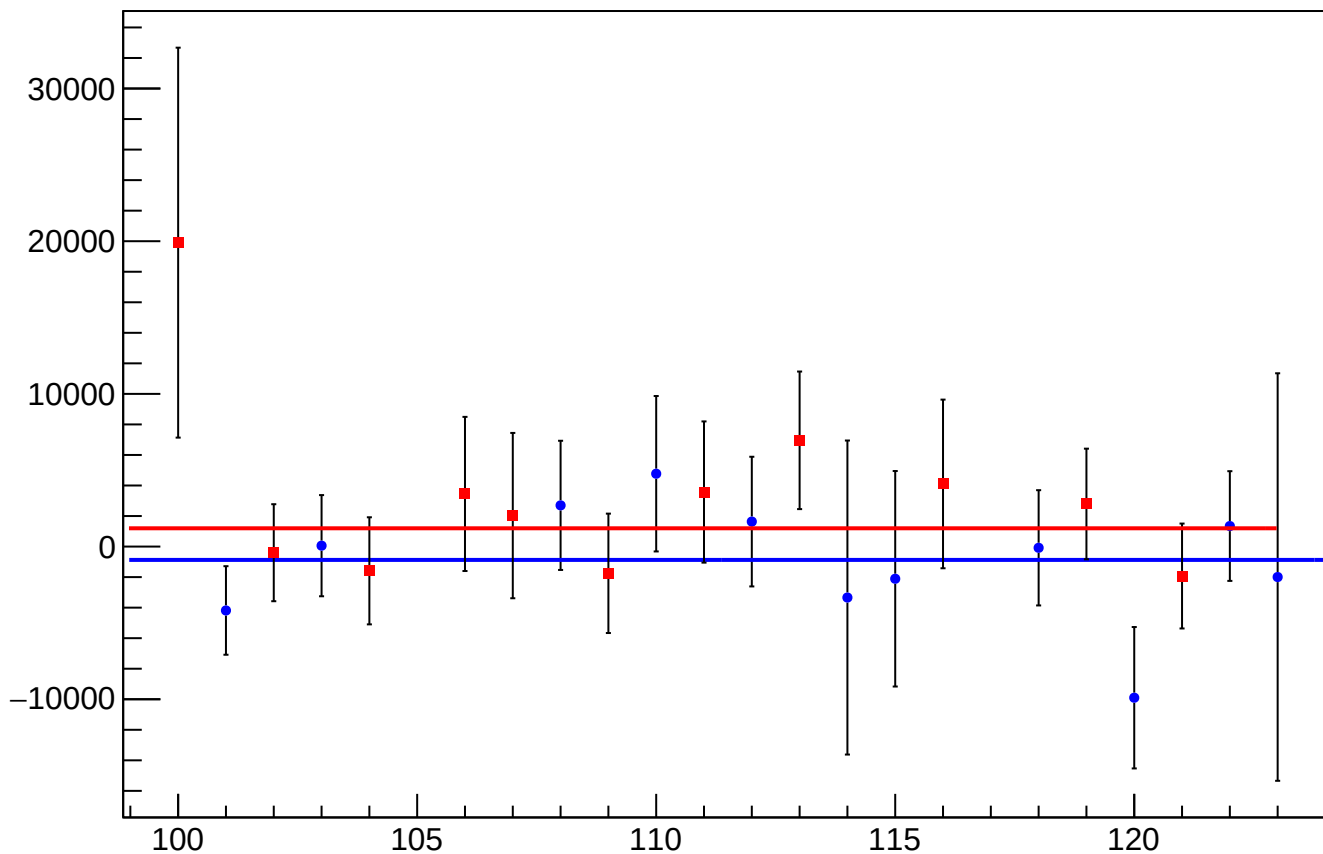
Right: 245.588+/-0.059 χ^2/NDF : 325765.6/21

In: 244.971+/-0.086 χ^2/NDF : 164660.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.588+/-0.059 χ^2/NDF : 325765.6/21

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -873.685+/-1302.575 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1197.297+/-1275.078 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

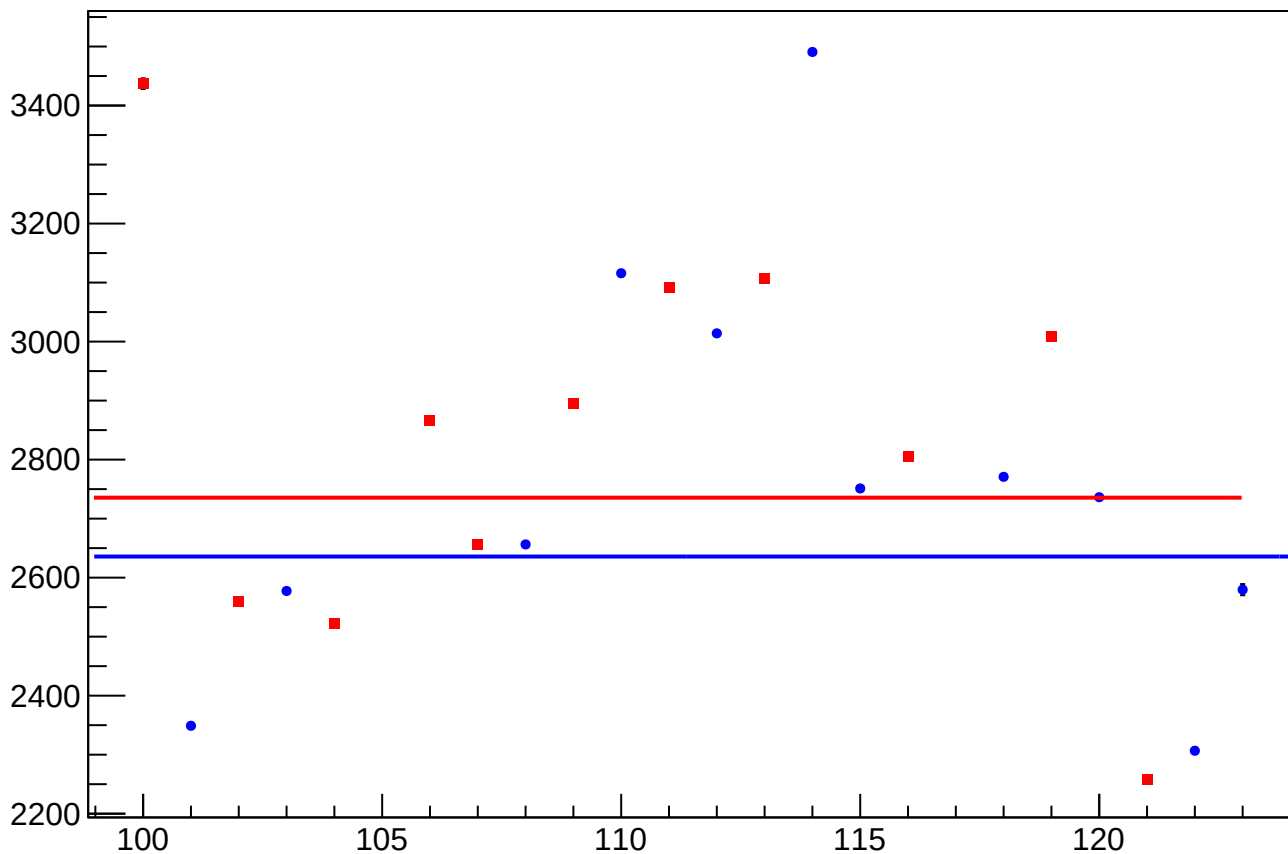
Right: 183.896+/-911.183 χ^2/NDF : 16.3/21

In: -873.685+/-1302.575 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.896+/-911.183 χ^2/NDF : 16.3/21

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2635.753+/-0.921 χ^2/NDF : 88567.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.524+/-0.902 χ^2/NDF : 100319.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

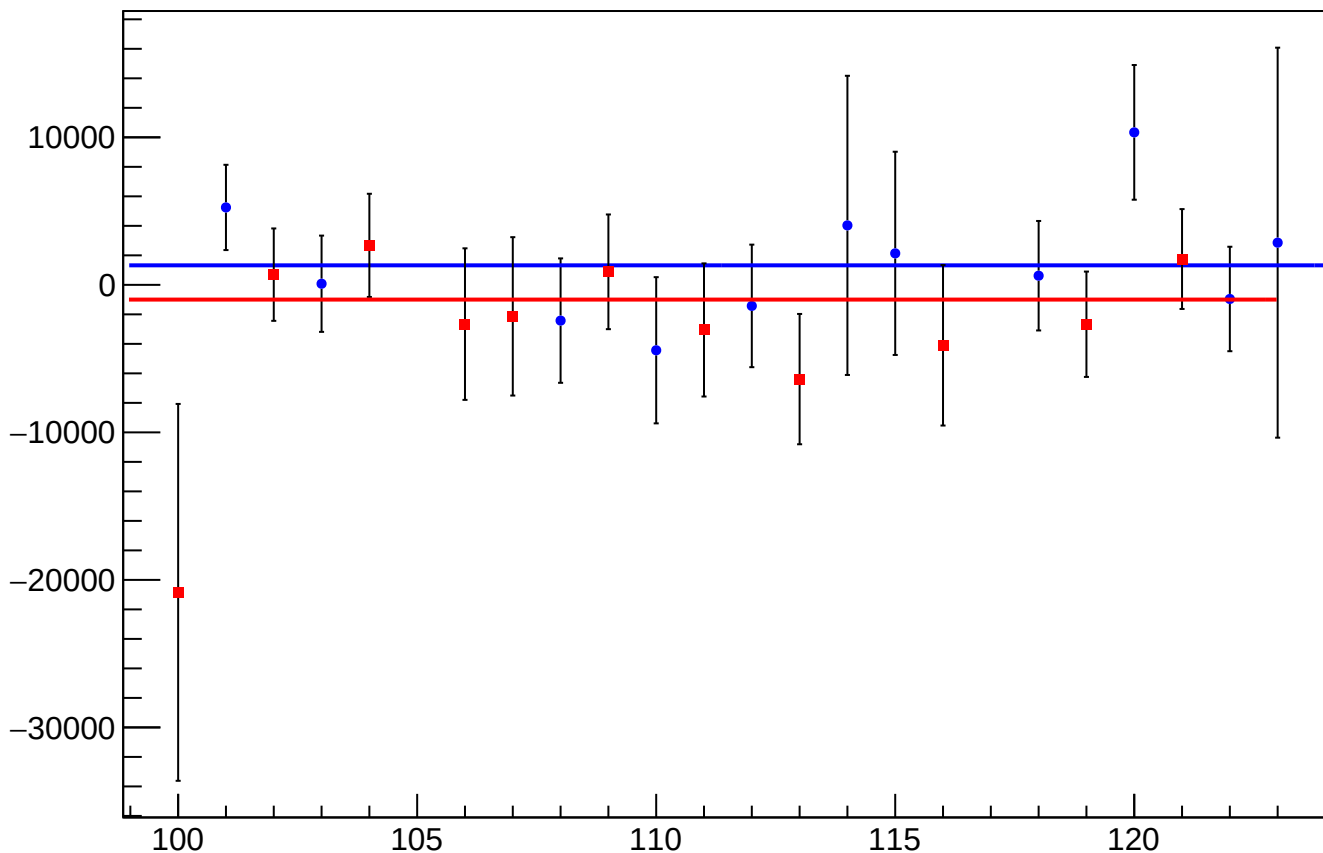
Right: 2686.703+/-0.644 χ^2/NDF : 194879.0/21

In: 2635.753+/-0.921 χ^2/NDF : 88567.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.703+/-0.644 χ^2/NDF : 194879.0/21

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1323.280+/-1285.108 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -998.360+/-1261.368 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

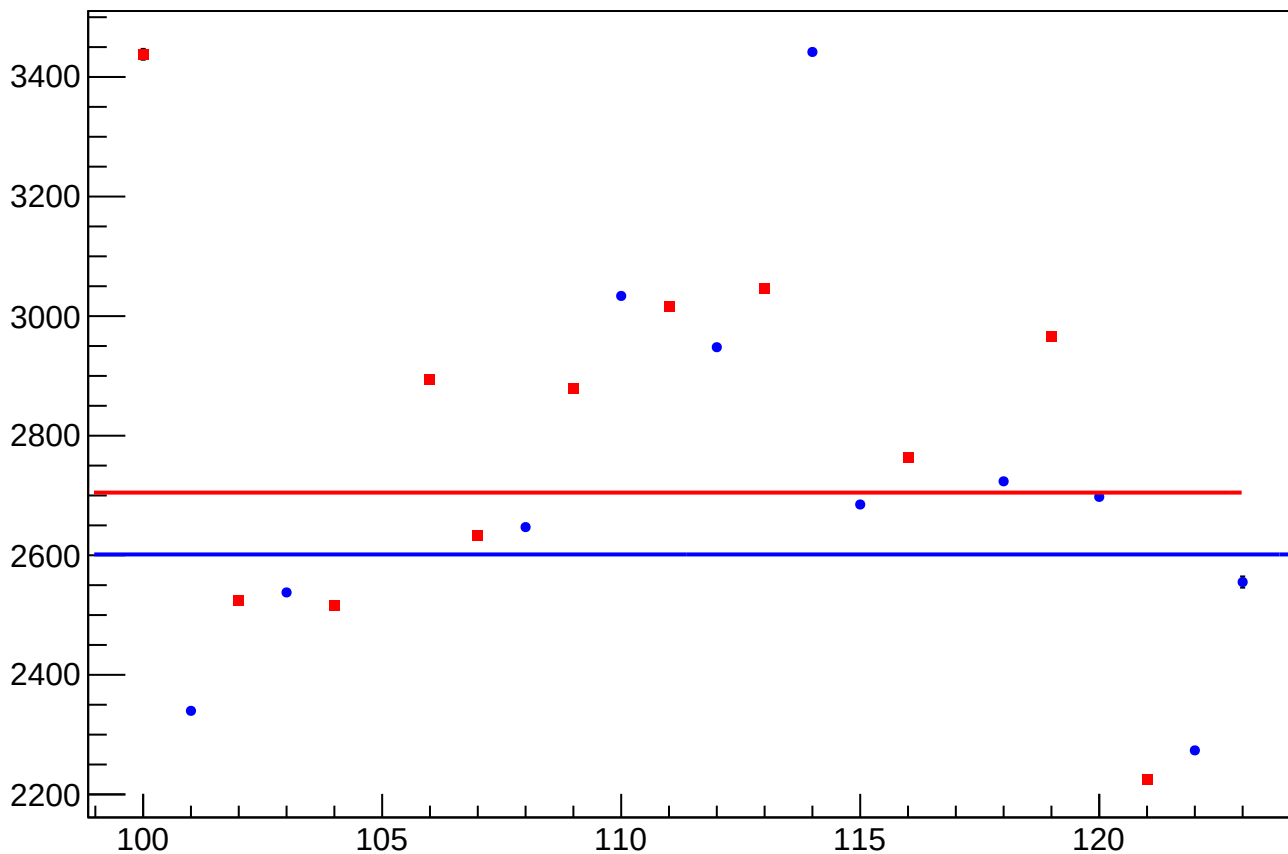
Right: 140.818+/-900.198 χ^2/NDF : 17.8/21

In: 1323.280+/-1285.108 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.818+/-900.198 χ^2/NDF : 17.8/21

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2601.387 $\pm$ 0.909 χ^2 /NDF: 80800.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2704.832 $\pm$ 0.892 χ^2 /NDF: 98704.4/10

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

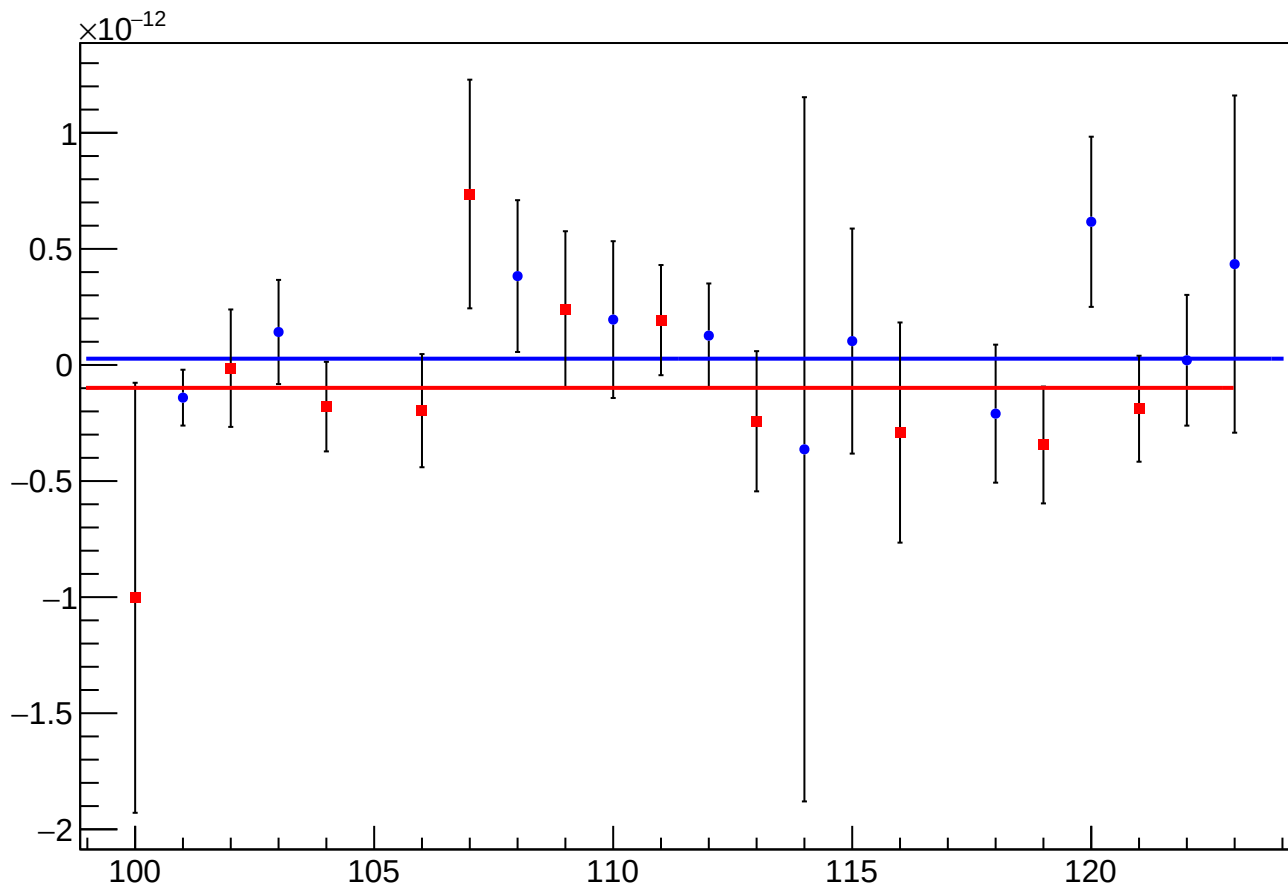
Right: 2654.074 $\pm$ 0.637 χ^2 /NDF: 186104.9/21

In: 2601.387 $\pm$ 0.909 χ^2 /NDF:80800.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2654.074 $\pm$ 0.637 χ^2 /NDF: 186104.9/21

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.5/10

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

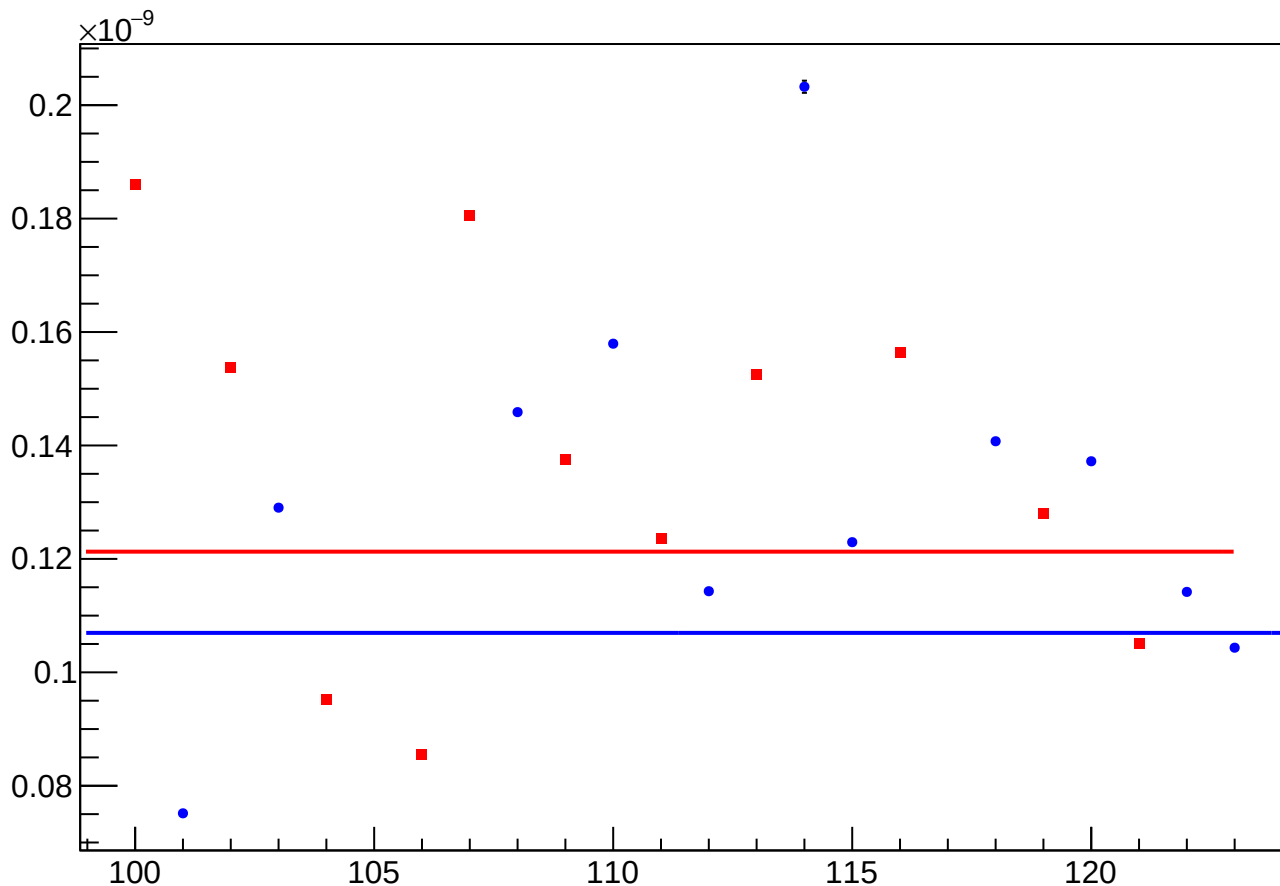
Right: -0.000+/-0.000 χ^2/NDF : 17.0/21

In: 0.000+/-0.000 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.0/21

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 286449.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 199967.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

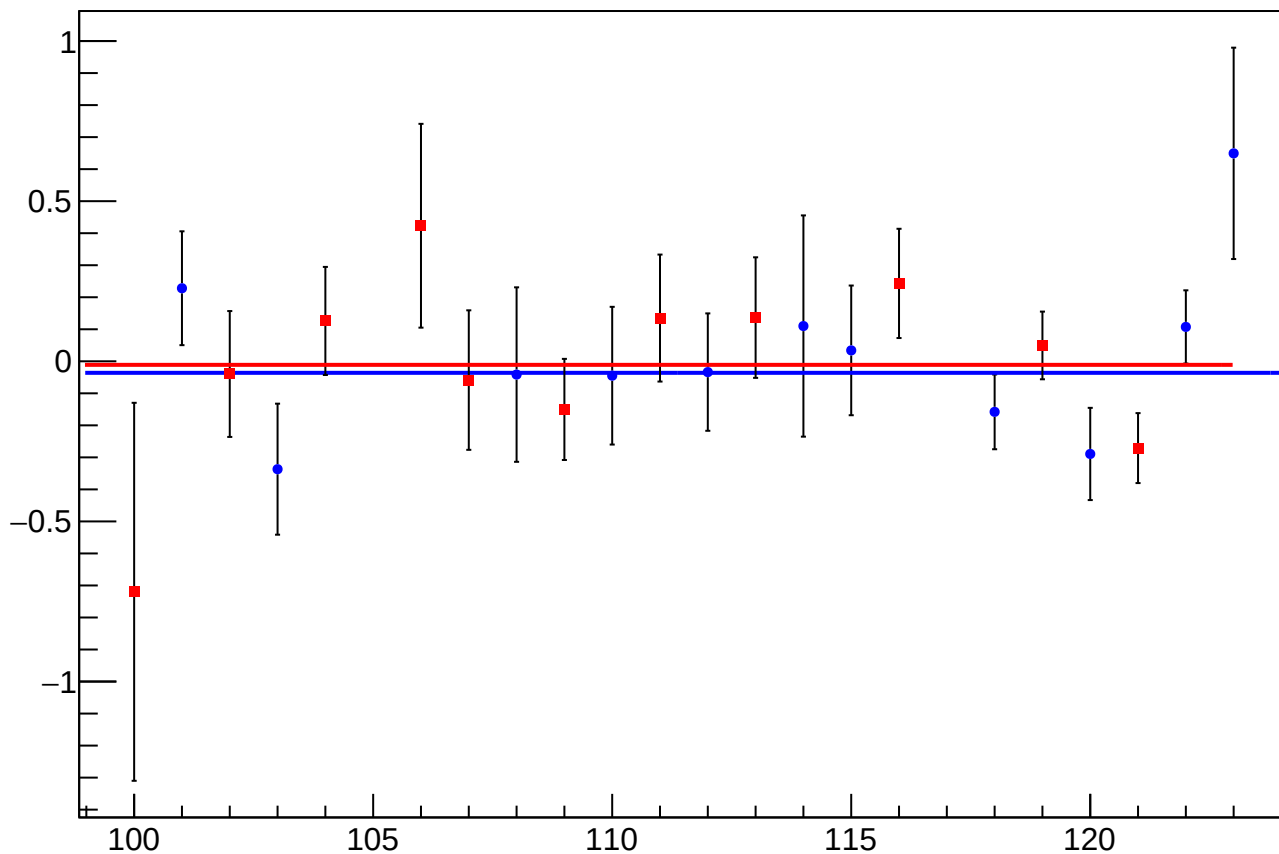
Right: 0.000+/-0.000 χ^2/NDF : 517666.9/21

In: 0.000+/-0.000 χ^2/NDF : 286449.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 517666.9/21

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 ± 0.053 $\chi^2/\text{NDF}: 14.7/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.011 ± 0.050 $\chi^2/\text{NDF}: 14.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

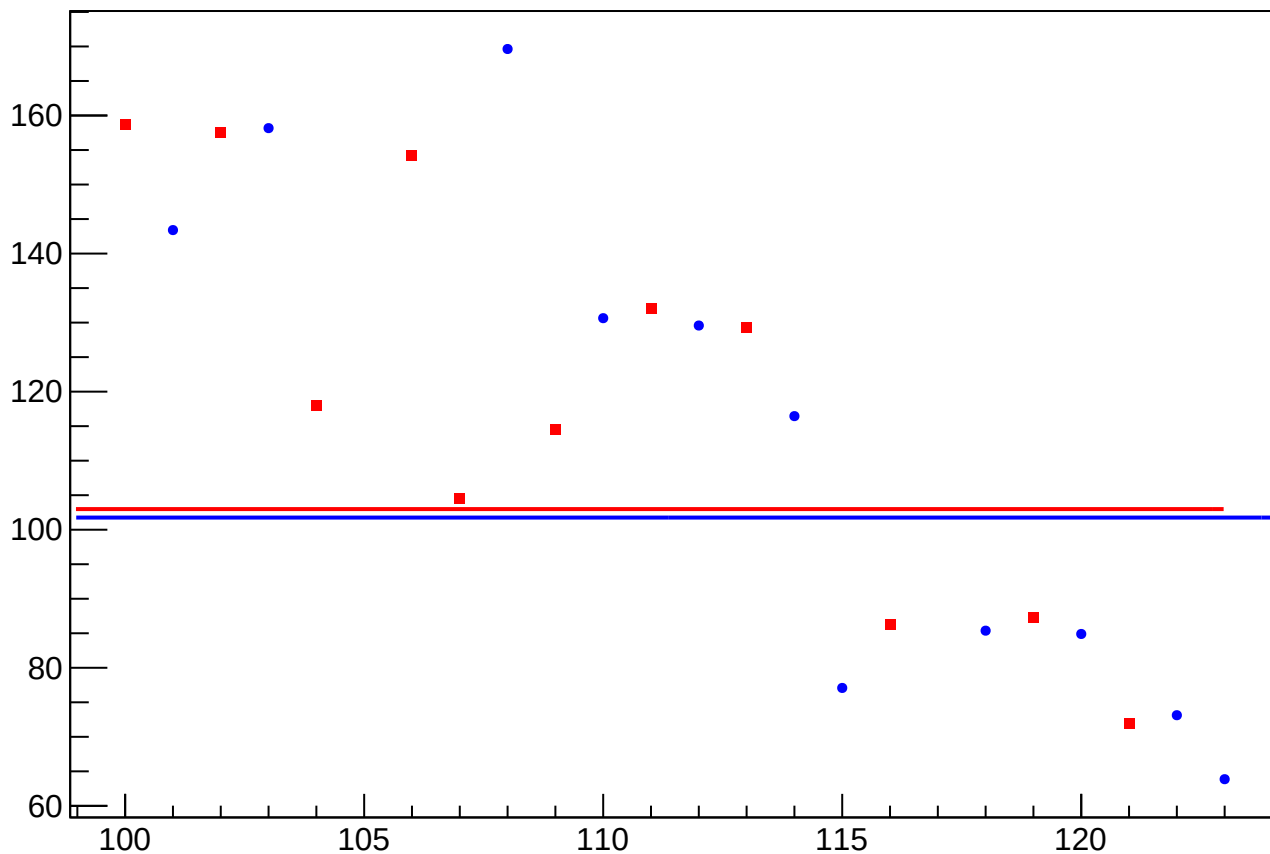
Right: -0.023 ± 0.036 $\chi^2/\text{NDF}: 29.0/21$

In: -0.036 ± 0.053 $\chi^2/\text{NDF}: 14.7/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.023 ± 0.036 $\chi^2/\text{NDF}: 29.0/21$

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.760 $\pm$ 0.037 χ^2 /NDF: 720149.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.989 $\pm$ 0.036 χ^2 /NDF: 556390.1/10

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

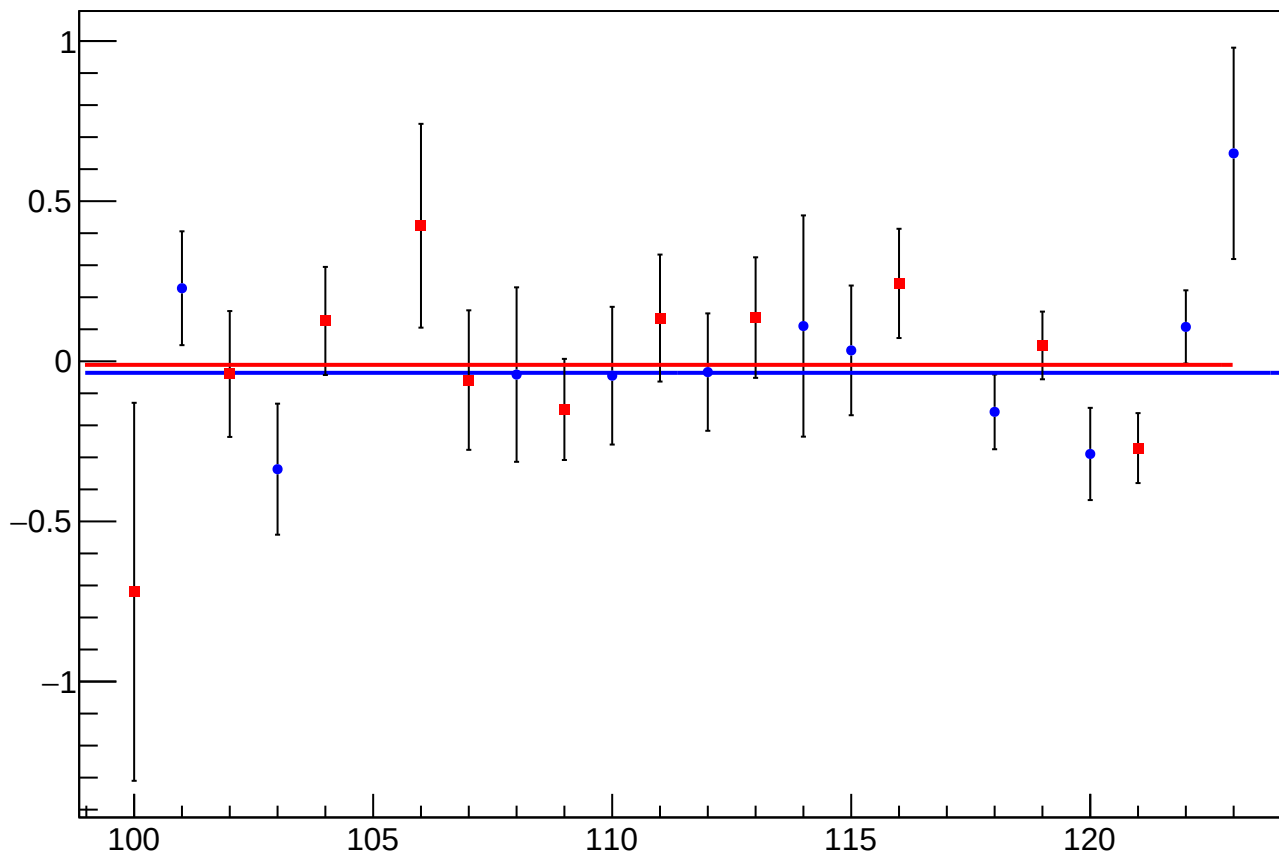
Right: 102.403 $\pm$ 0.026 χ^2 /NDF: 1277110.4/21

In: 101.760 $\pm$ 0.037 χ^2 /NDF:720149.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.403 $\pm$ 0.026 χ^2 /NDF: 1277110.4/21

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.053 χ^2 /NDF: 14.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.011+/-0.050 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

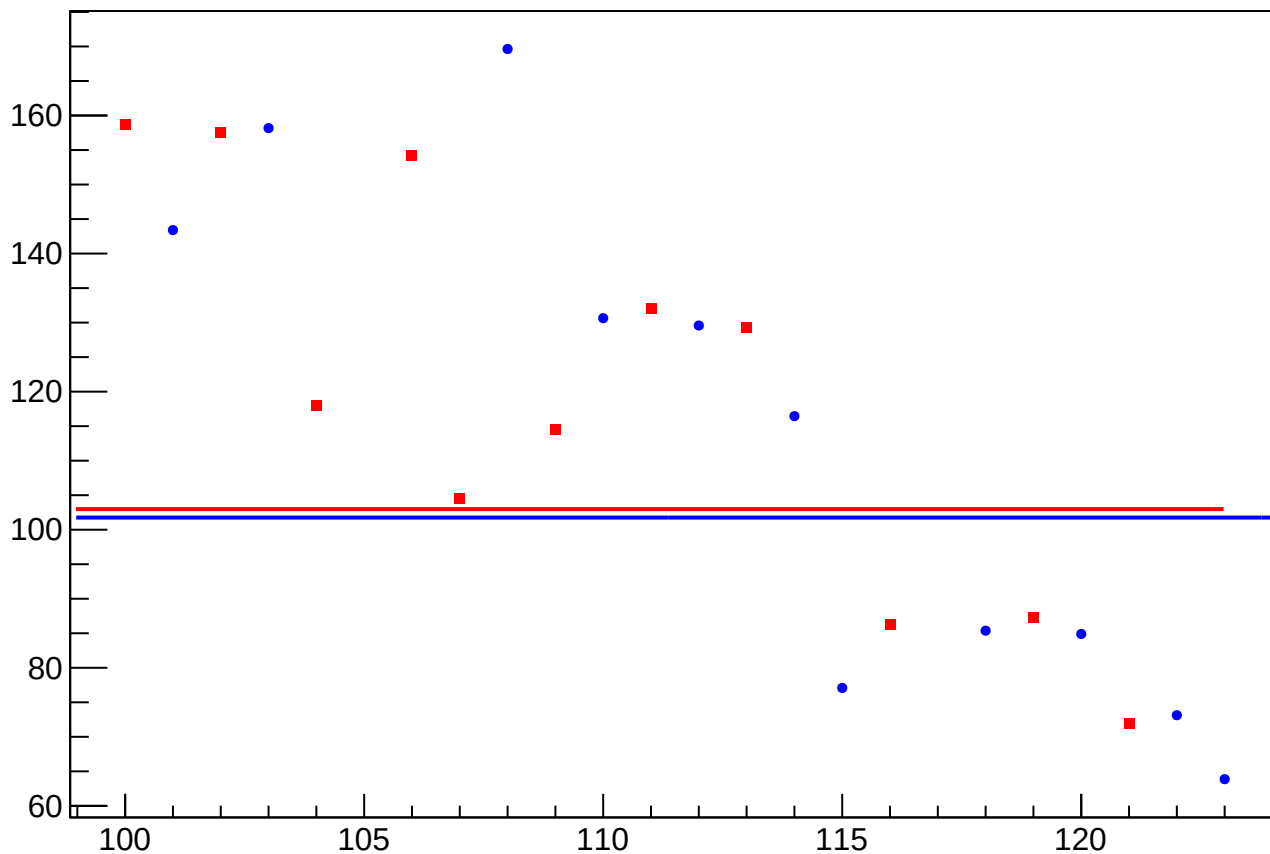
Right: -0.023+/-0.036 χ^2 /NDF: 29.0/21

In: -0.036+/-0.053 χ^2 /NDF:14.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.036 χ^2 /NDF: 29.0/21

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.760+/-0.037 χ^2/NDF : 720149.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.989+/-0.036 χ^2/NDF : 556390.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

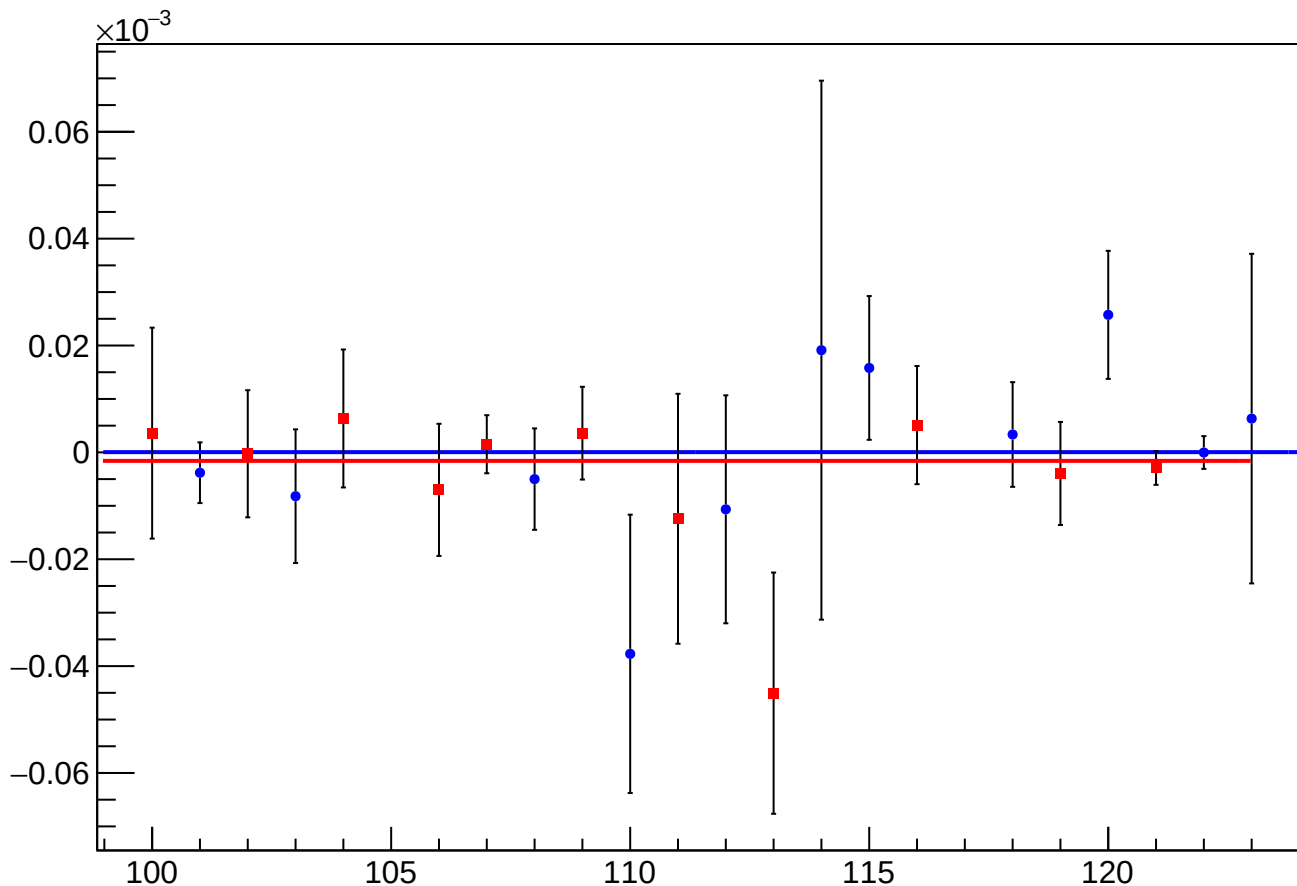
Right: 102.403+/-0.026 χ^2/NDF : 1277110.4/21

In: 101.760+/-0.037 χ^2/NDF : 720149.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.403+/-0.026 χ^2/NDF : 1277110.4/21

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.8/10

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

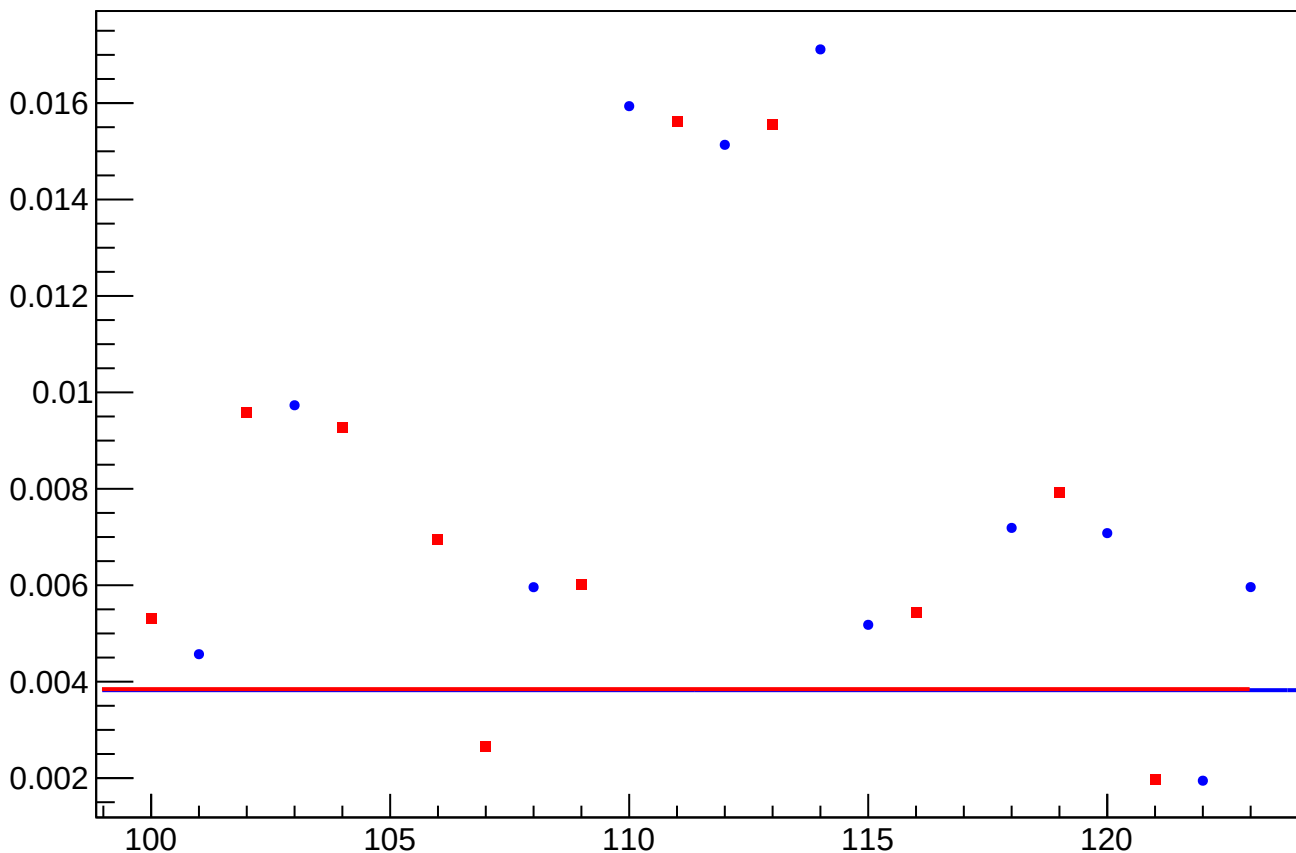
Right: -0.000+/-0.000 χ^2/NDF : 15.9/21

In: 0.000+/-0.000 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/21

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000

χ^2/NDF : 2880656.2/10

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3318612.1/10

Left 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 : 6199356.2/21

In: 0.004+/-0.000

χ^2/NDF : 2880656.2/10

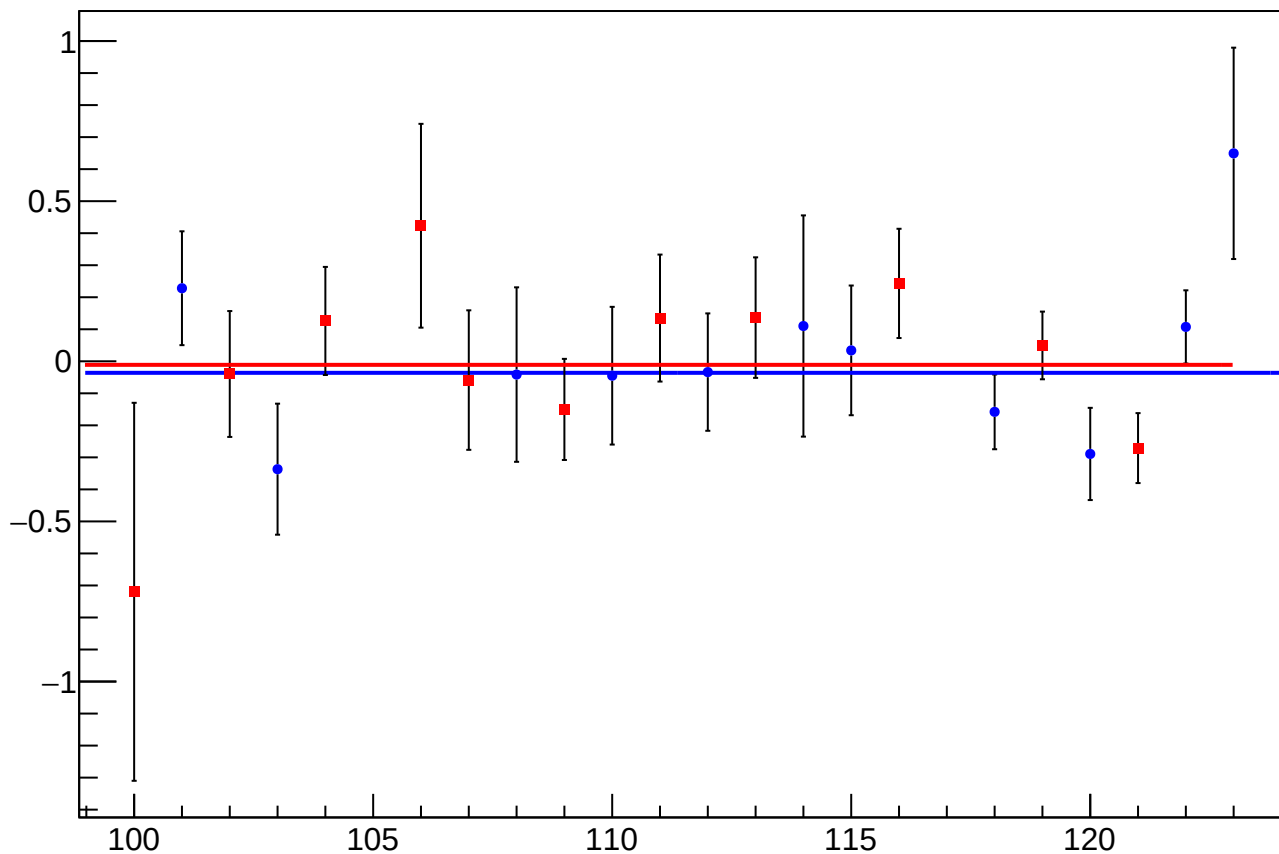
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 6199356.2/21

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 ± 0.053 $\chi^2/\text{NDF}: 14.7/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.011 ± 0.050 $\chi^2/\text{NDF}: 14.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

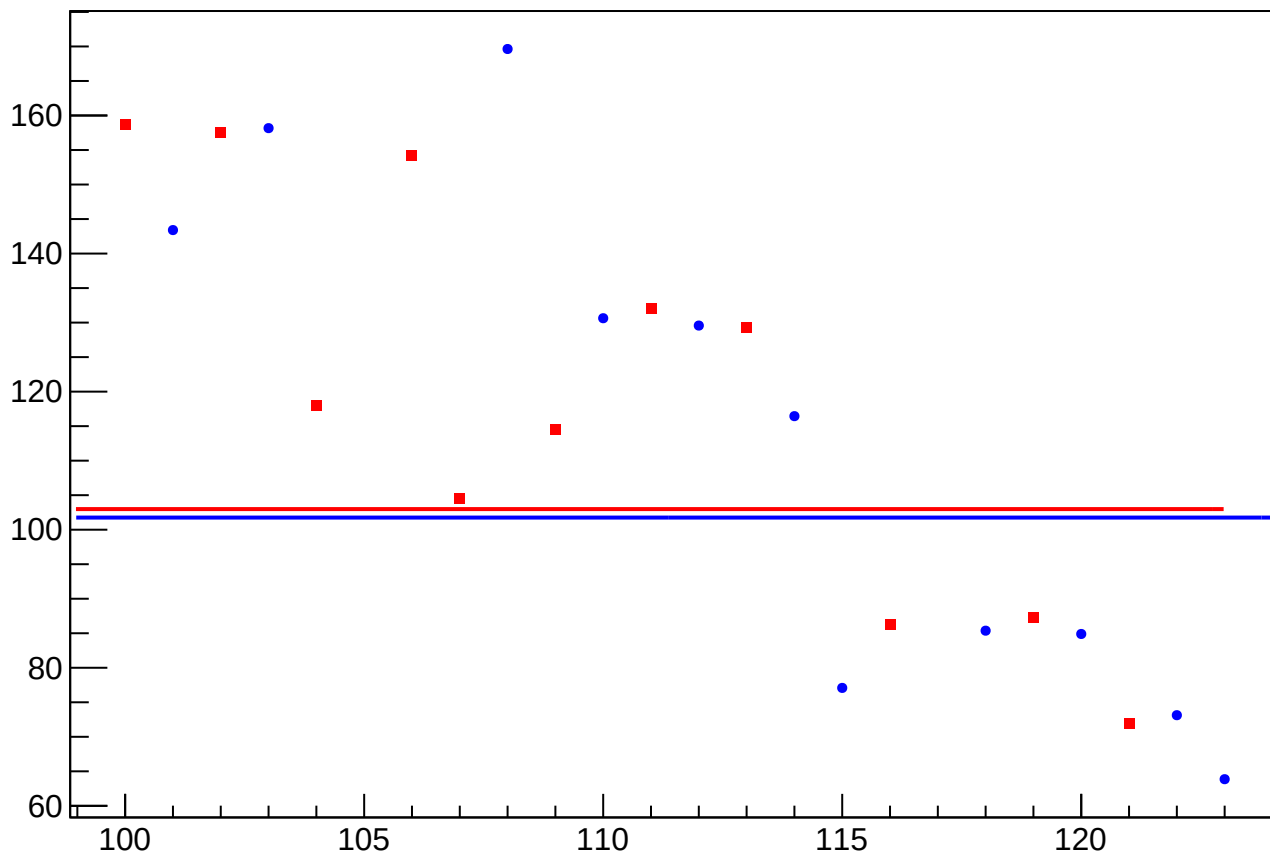
Right: -0.023 ± 0.036 $\chi^2/\text{NDF}: 29.0/21$

In: -0.036 ± 0.053 $\chi^2/\text{NDF}: 14.7/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.023 ± 0.036 $\chi^2/\text{NDF}: 29.0/21$

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.757 $\pm$ 0.037 χ^2 /NDF: 720135.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.986 $\pm$ 0.036 χ^2 /NDF: 556371.0/10

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

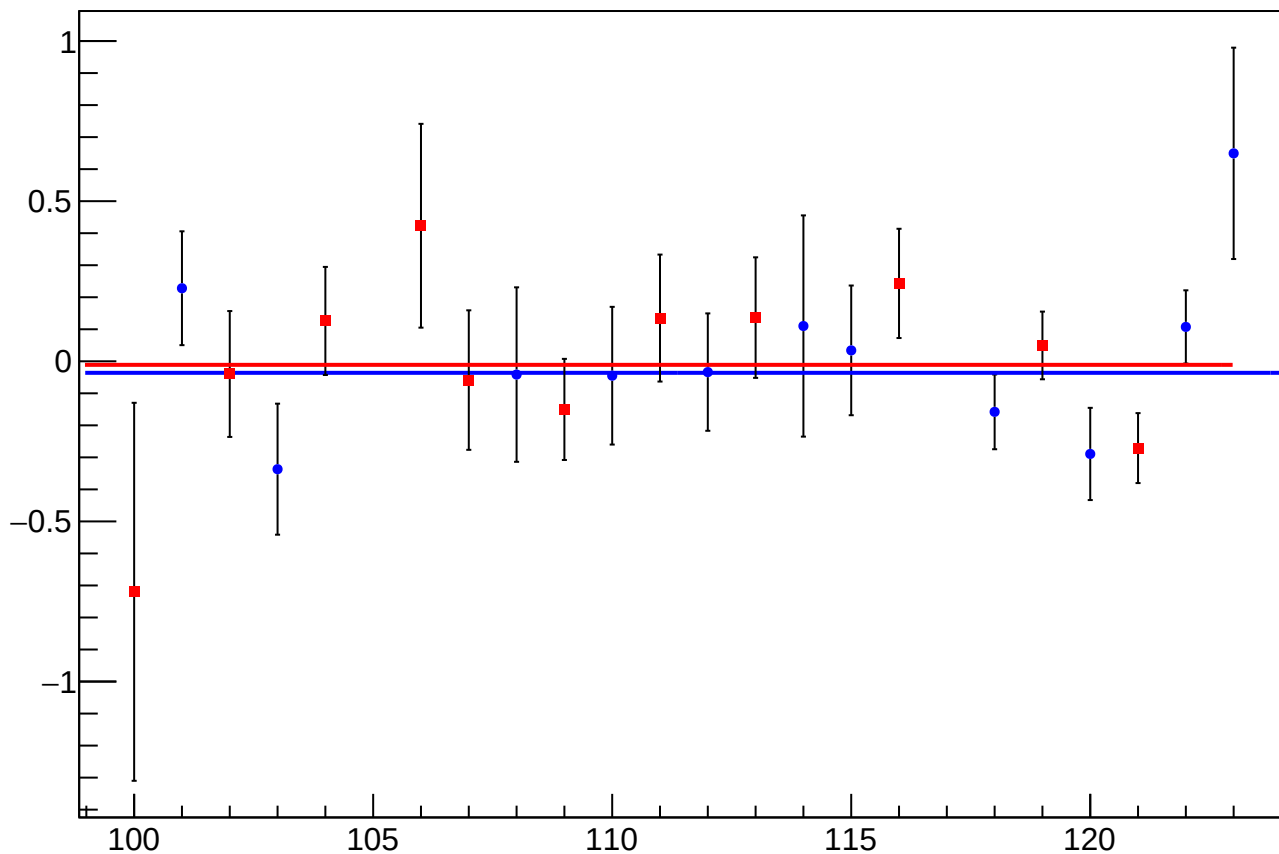
Right: 102.401 $\pm$ 0.026 χ^2 /NDF: 1277077.4/21

In: 101.757 $\pm$ 0.037 χ^2 /NDF:720135.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.401 $\pm$ 0.026 χ^2 /NDF: 1277077.4/21

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.053 χ^2 /NDF: 14.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.011+/-0.050 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

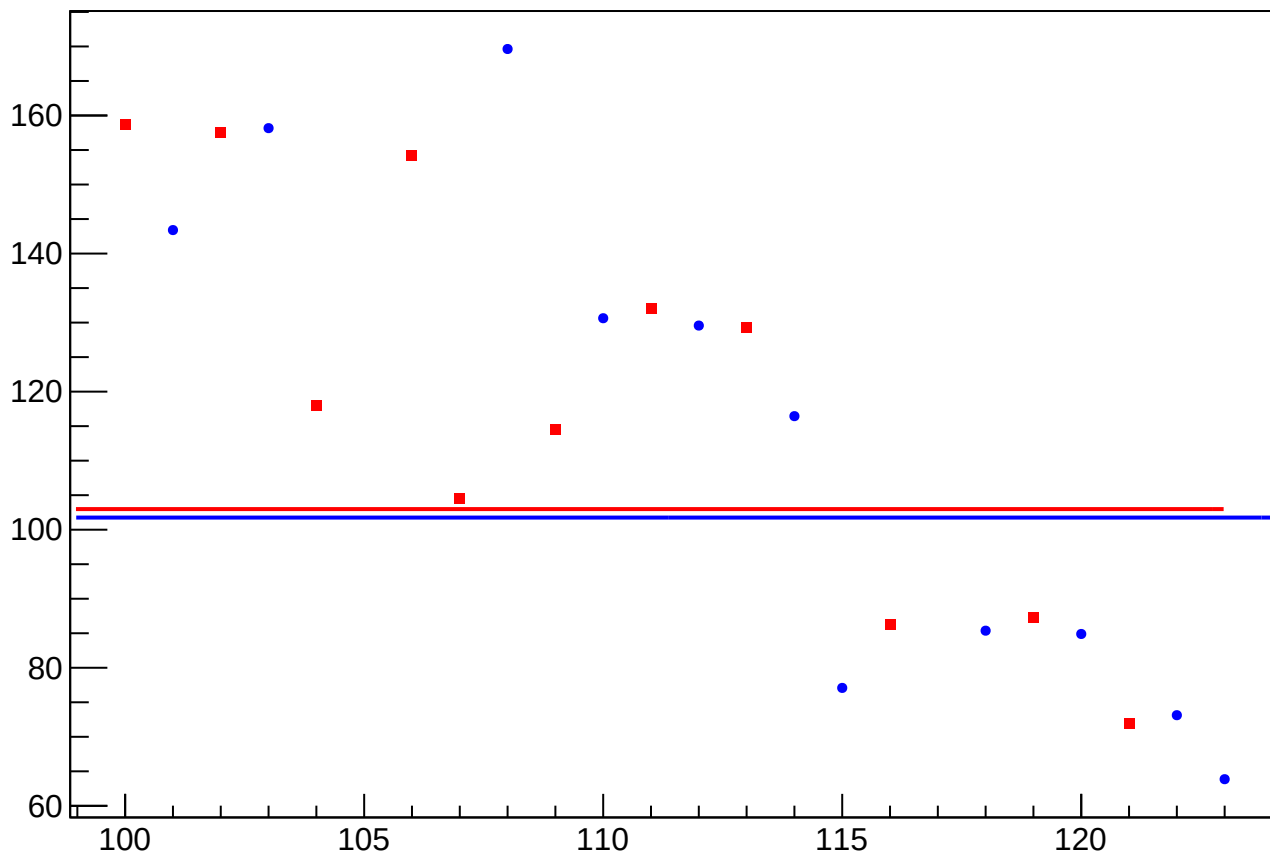
Right: -0.023+/-0.036 χ^2 /NDF: 29.0/21

In: -0.036+/-0.053 χ^2 /NDF:14.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.036 χ^2 /NDF: 29.0/21

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.757 $\pm$ 0.037 χ^2 /NDF: 720135.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.986 $\pm$ 0.036 χ^2 /NDF: 556371.0/10

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

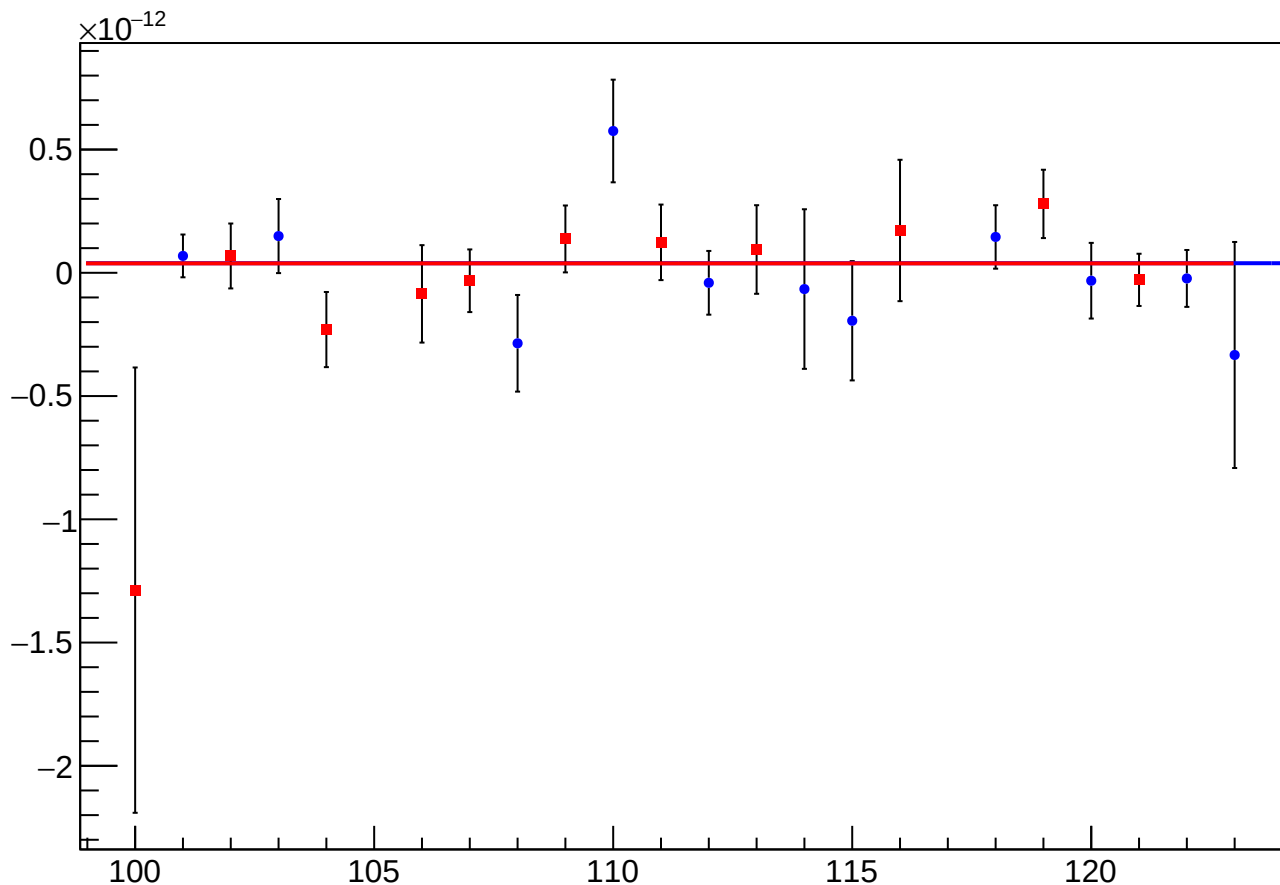
Right: 102.401 $\pm$ 0.026 χ^2 /NDF: 1277077.4/21

In: 101.757 $\pm$ 0.037 χ^2 /NDF:720135.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.401 $\pm$ 0.026 χ^2 /NDF: 1277077.4/21

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/10

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

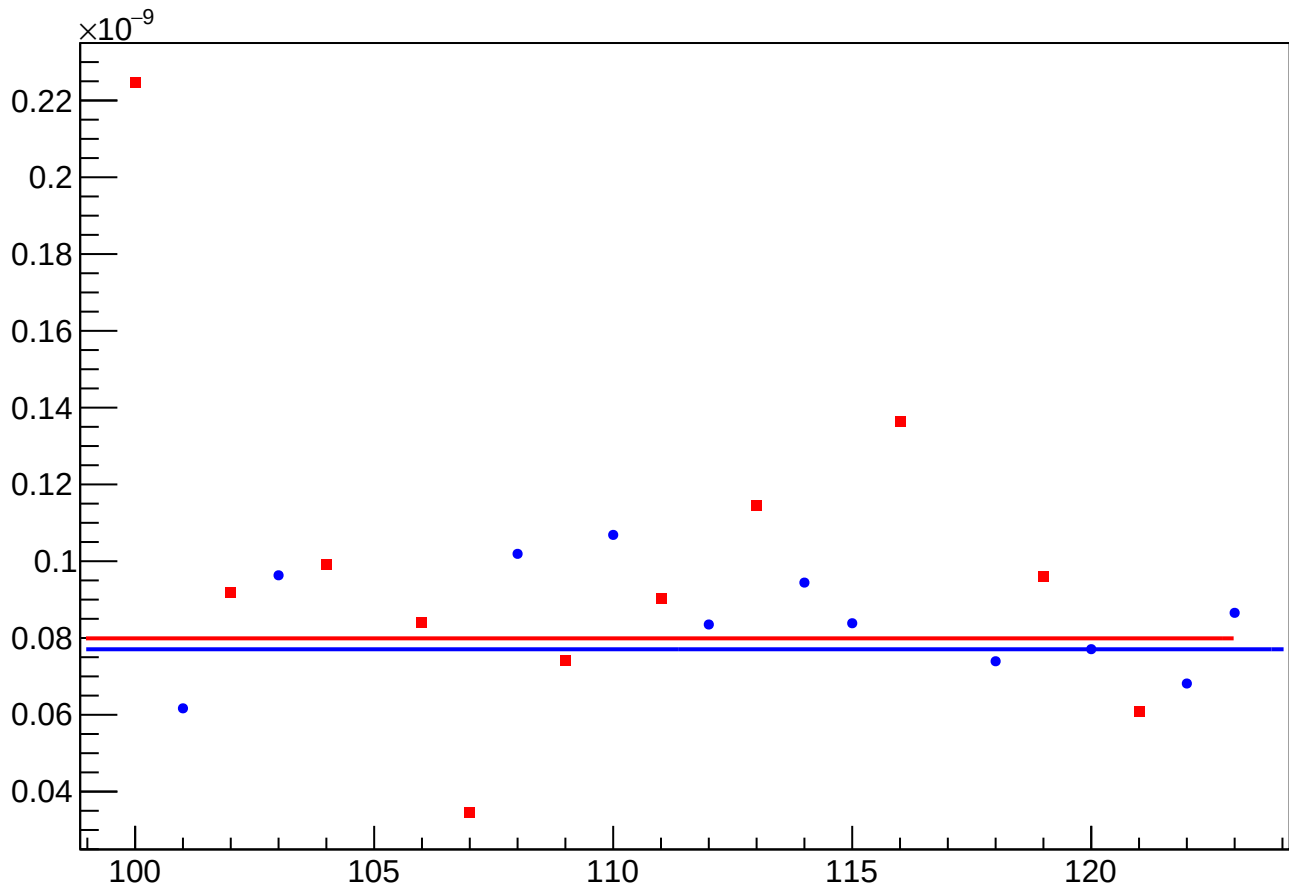
Right: 0.000+/-0.000 χ^2/NDF : 23.9/21

In: 0.000+/-0.000 χ^2/NDF : 13.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.9/21

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 195068.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 610763.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

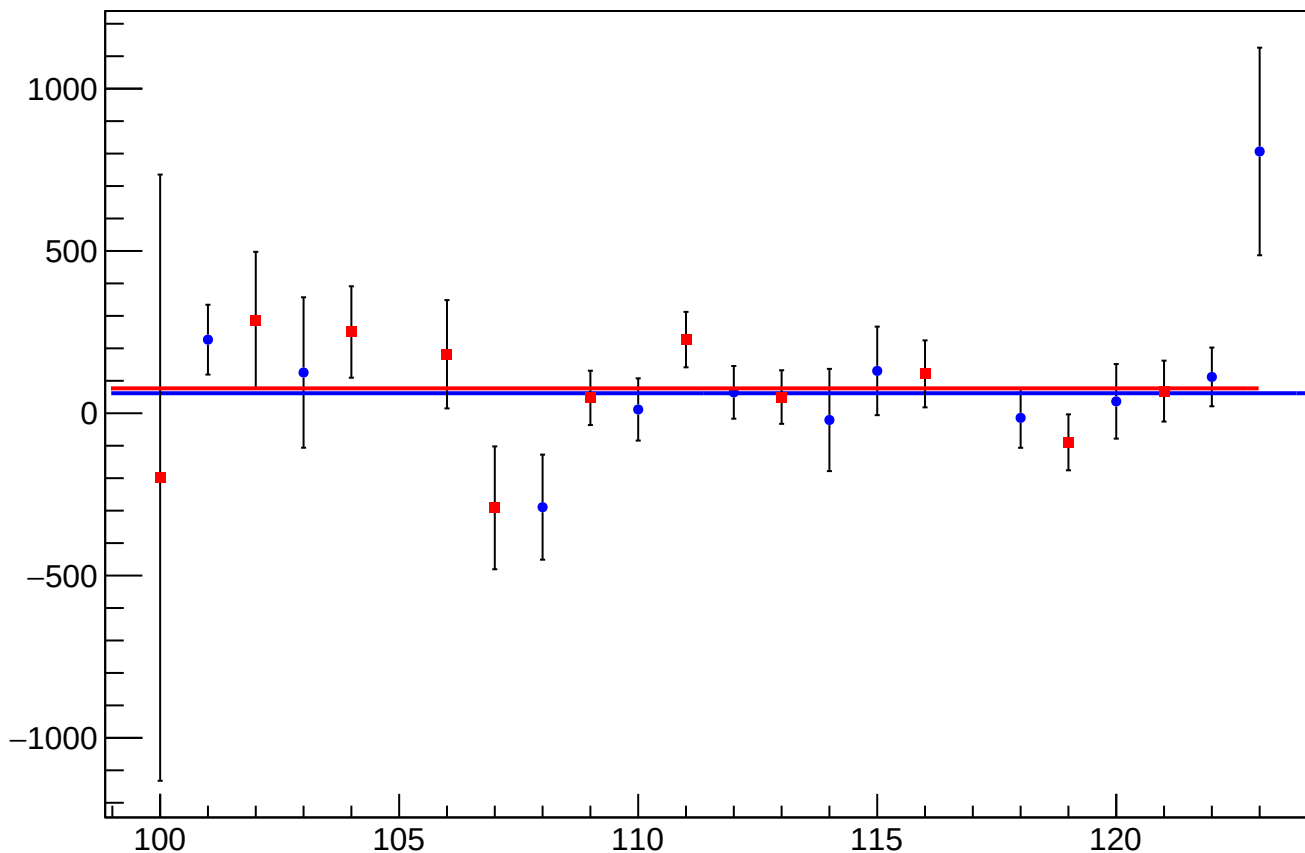
Right: 0.000+/-0.000 χ^2/NDF : 809732.8/21

In: 0.000+/-0.000 χ^2/NDF : 195068.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 809732.8/21

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 61.706+/-34.856 χ^2/NDF : 14.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.693+/-33.211 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

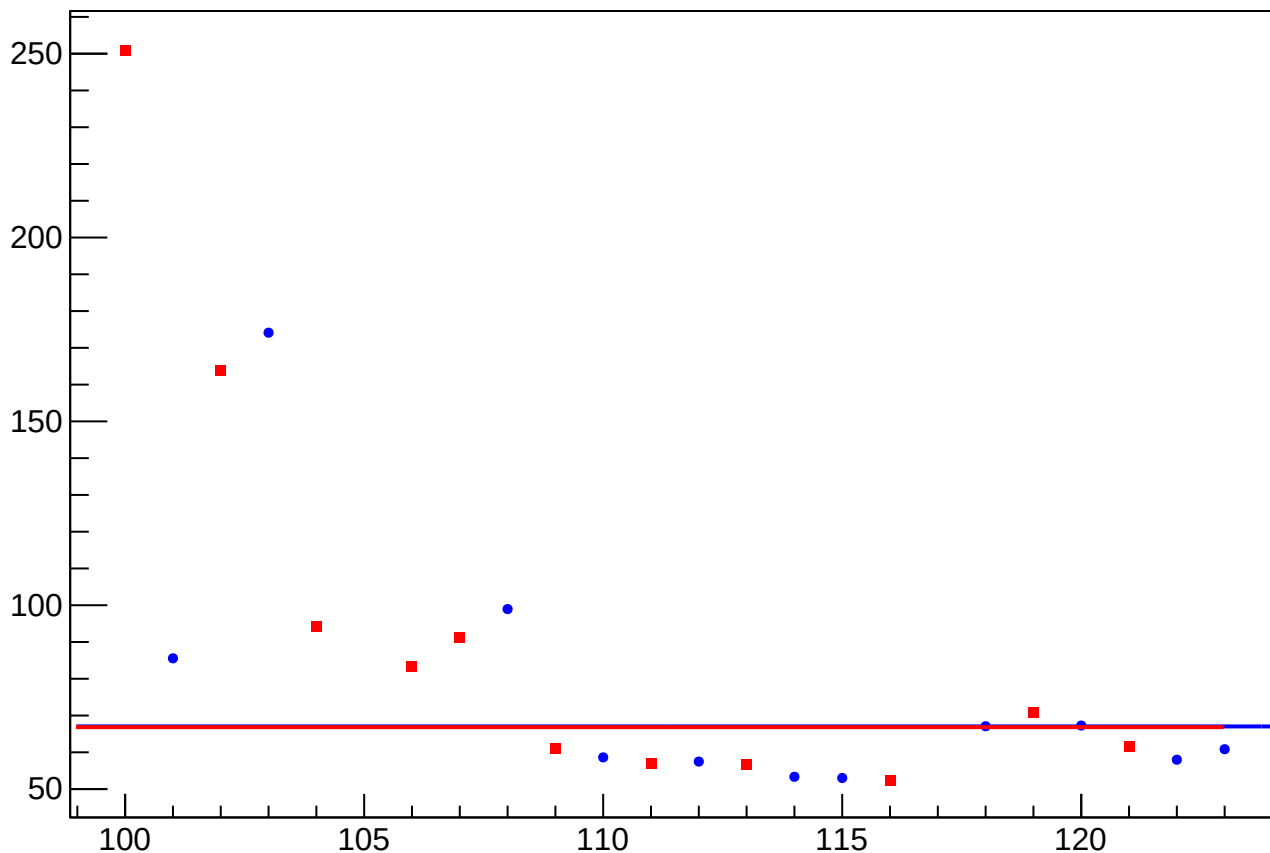
Right: 69.561+/-24.044 χ^2/NDF : 28.5/21

In: 61.706+/-34.856 χ^2/NDF : 14.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.561+/-24.044 χ^2/NDF : 28.5/21

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.040+/-0.025 χ^2/NDF : 664278.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.848+/-0.023 χ^2/NDF : 747066.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

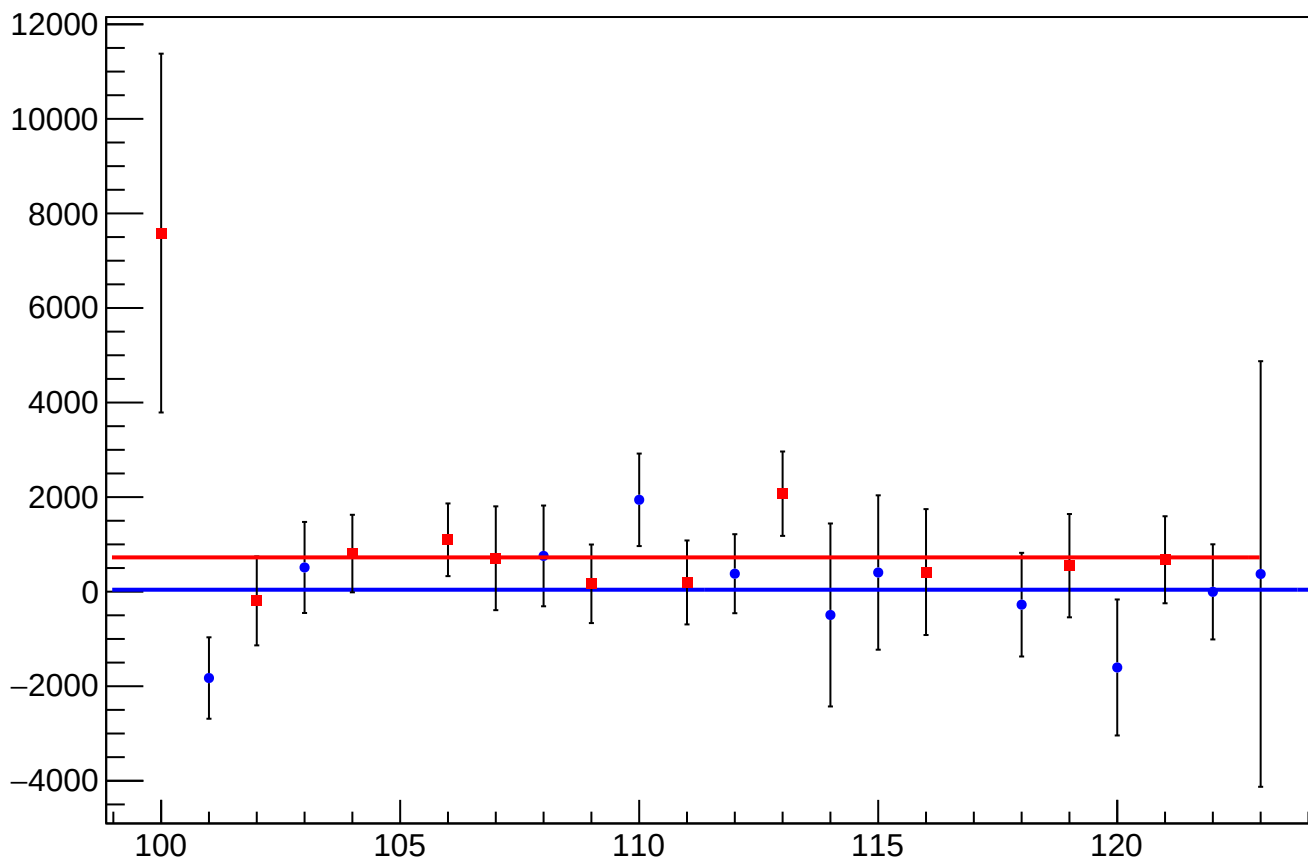
Right: 66.939+/-0.017 χ^2/NDF : 1411376.9/21

In: 67.040+/-0.025 χ^2/NDF : 664278.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.939+/-0.017 χ^2/NDF : 1411376.9/21

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 41.201+/-337.474 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 725.165+/-291.525 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

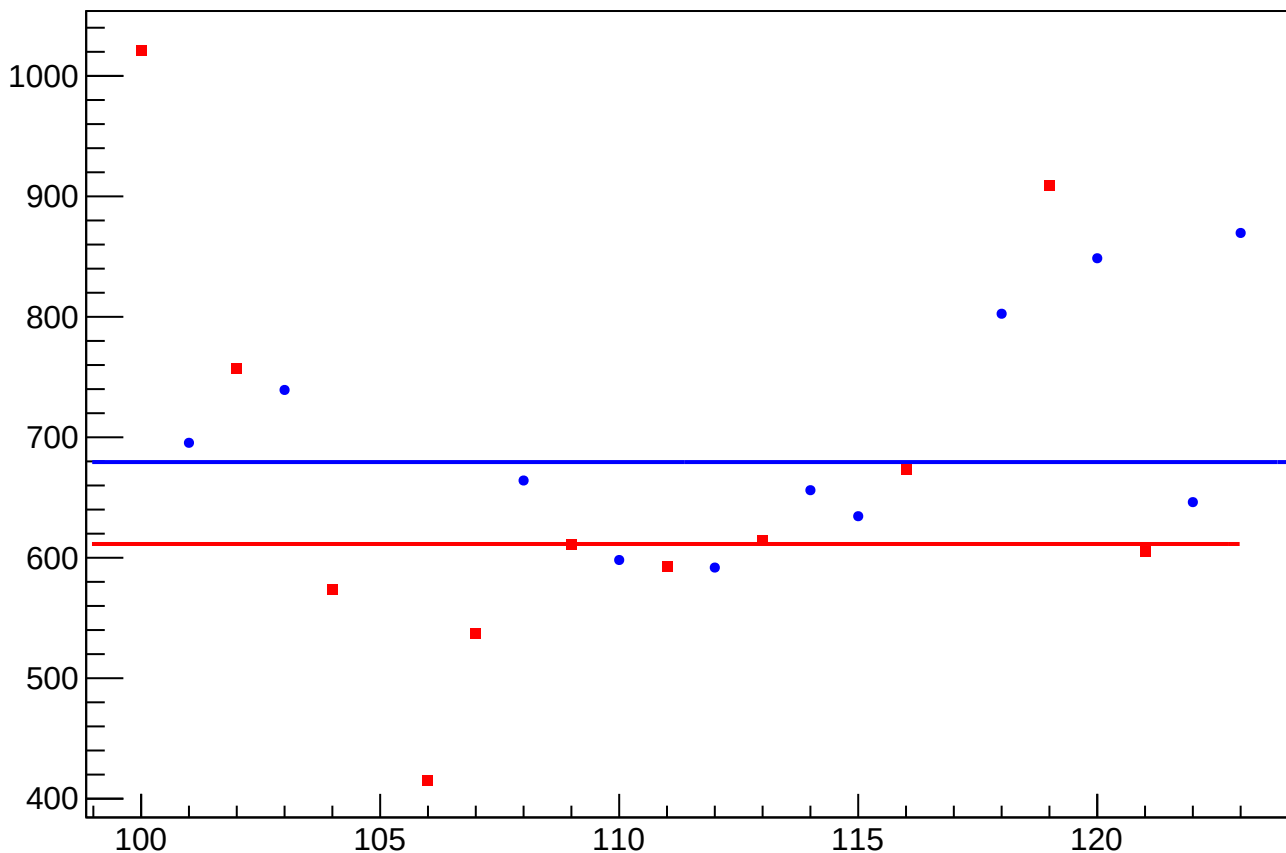
Right: 432.882+/-220.610 χ^2/NDF : 20.9/21

In: 41.201+/-337.474 χ^2/NDF : 10.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.882+/-220.610 χ^2/NDF : 20.9/21

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 679.439+/-0.239 χ^2/NDF : 105095.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.433+/-0.206 χ^2/NDF : 368507.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

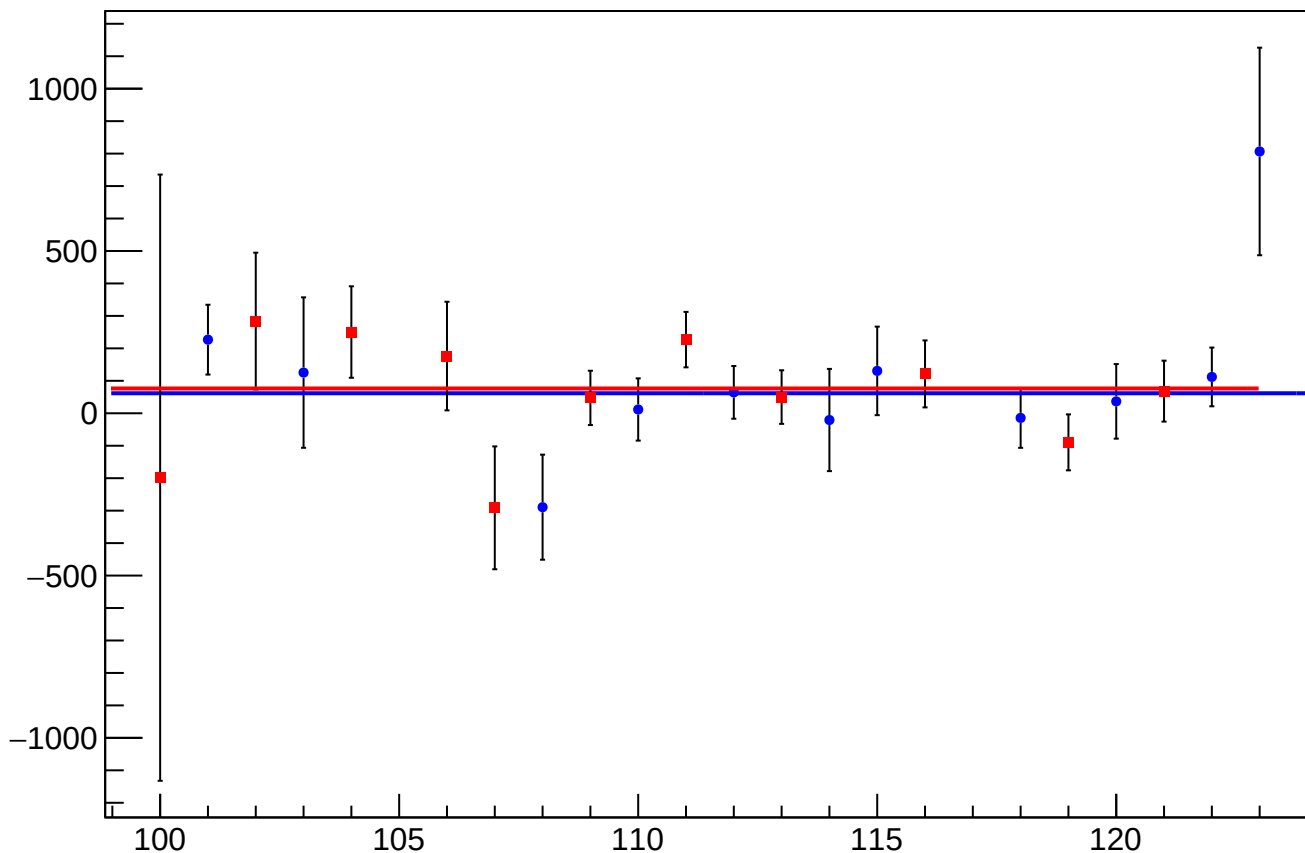
Right: 640.494+/-0.156 χ^2/NDF : 520112.3/21

In: 679.439+/-0.239 χ^2/NDF : 105095.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.494+/-0.156 χ^2/NDF : 520112.3/21

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 61.698+/-34.856 χ^2/NDF : 14.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.367+/-33.215 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

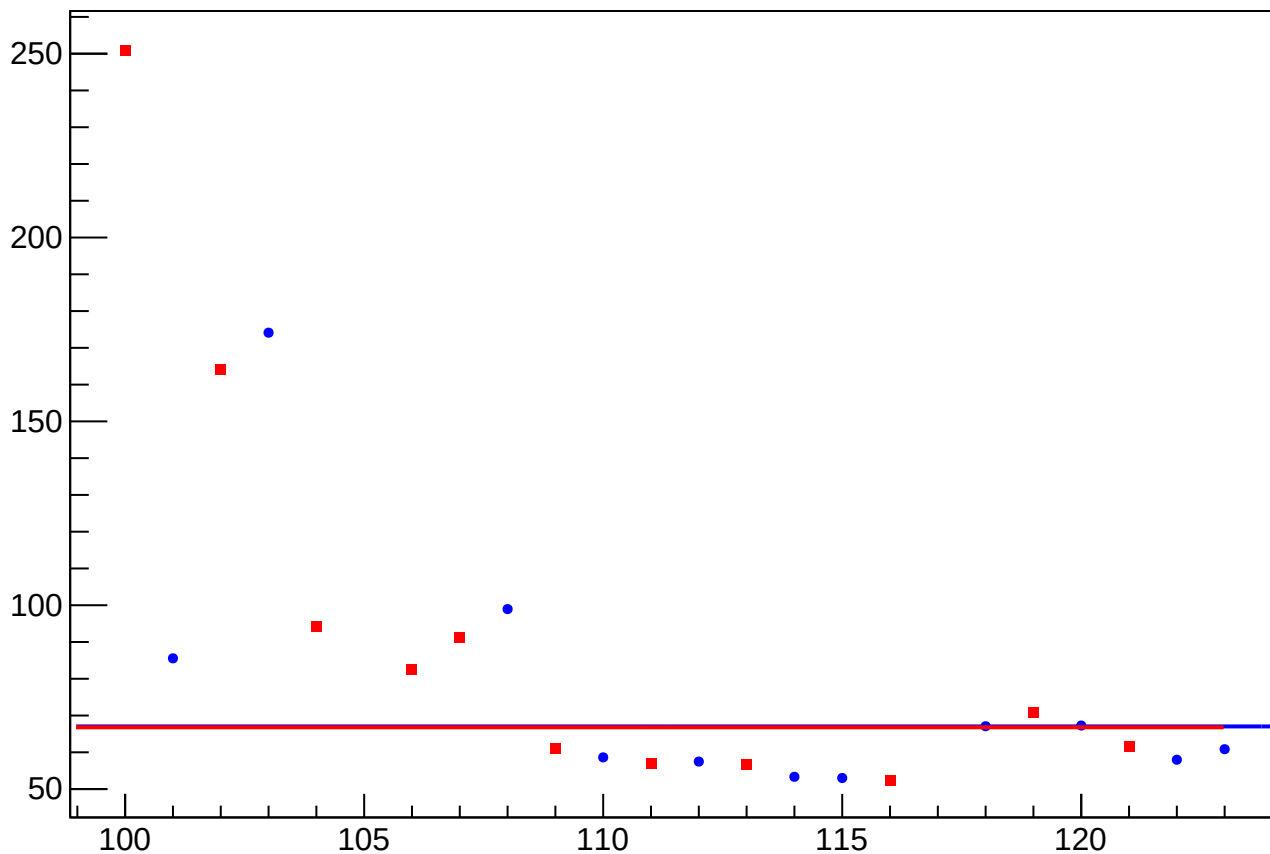
Right: 69.386+/-24.045 χ^2/NDF : 28.4/21

In: 61.698+/-34.856 χ^2/NDF : 14.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.386+/-24.045 χ^2/NDF : 28.4/21

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.040+/-0.025 χ^2/NDF : 664281.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.804+/-0.023 χ^2/NDF : 744762.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

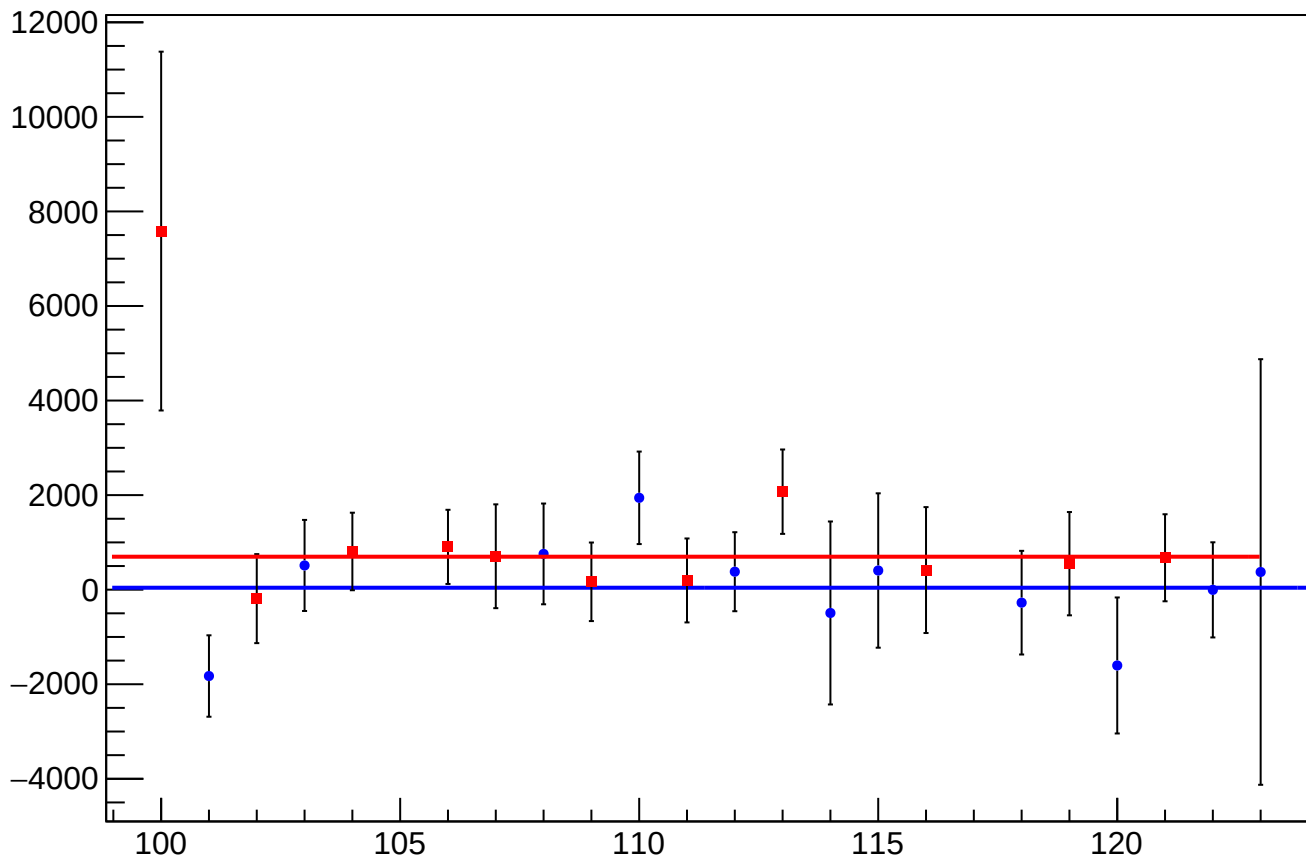
Right: 66.916+/-0.017 χ^2/NDF : 1409091.6/21

In: 67.040+/-0.025 χ^2/NDF : 664281.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.916+/-0.017 χ^2/NDF : 1409091.6/21

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.212+/-337.479 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 697.298+/-292.389 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

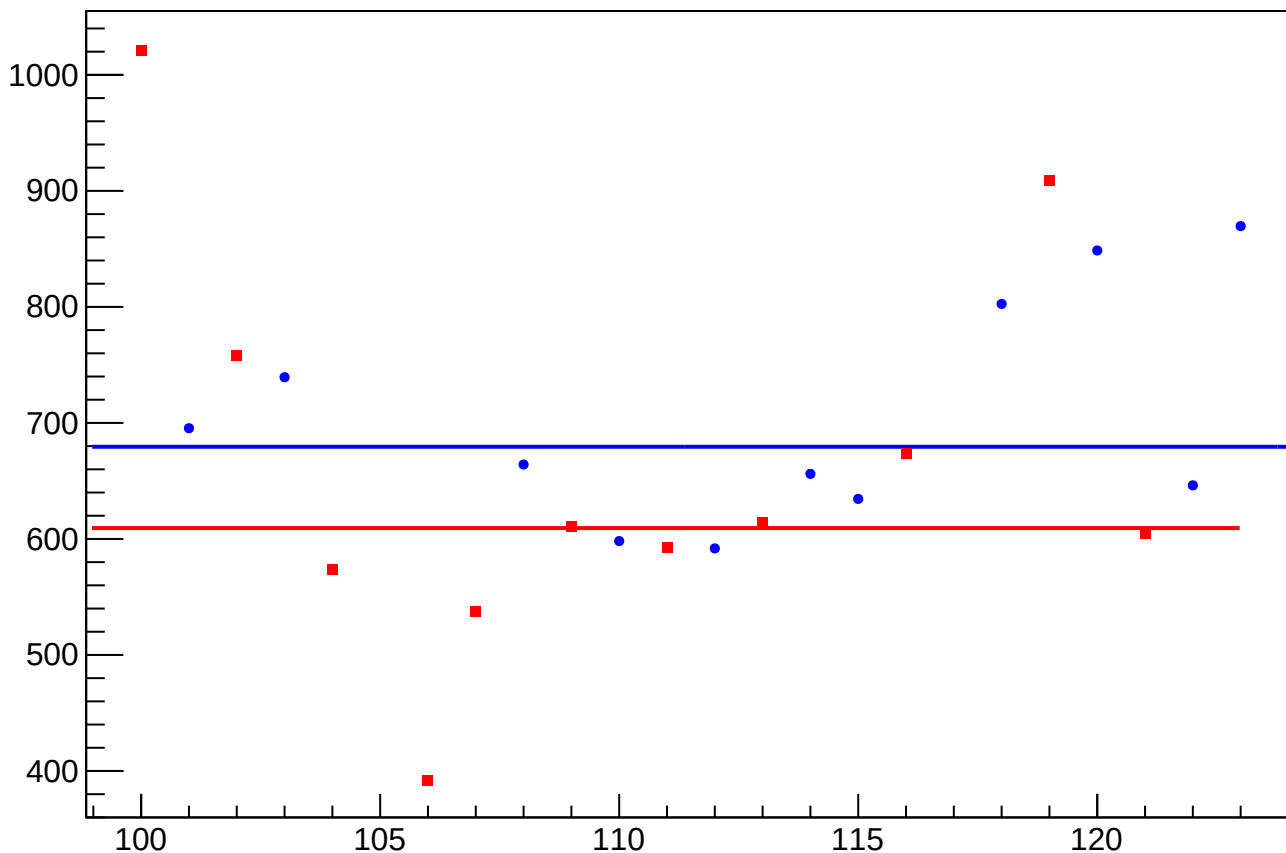
Right: 415.982+/-220.985 χ^2/NDF : 20.5/21

In: 41.212+/-337.479 χ^2/NDF : 10.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.982+/-220.985 χ^2/NDF : 20.5/21

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.446+/-0.239 χ^2/NDF : 105114.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.364+/-0.207 χ^2/NDF : 395084.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

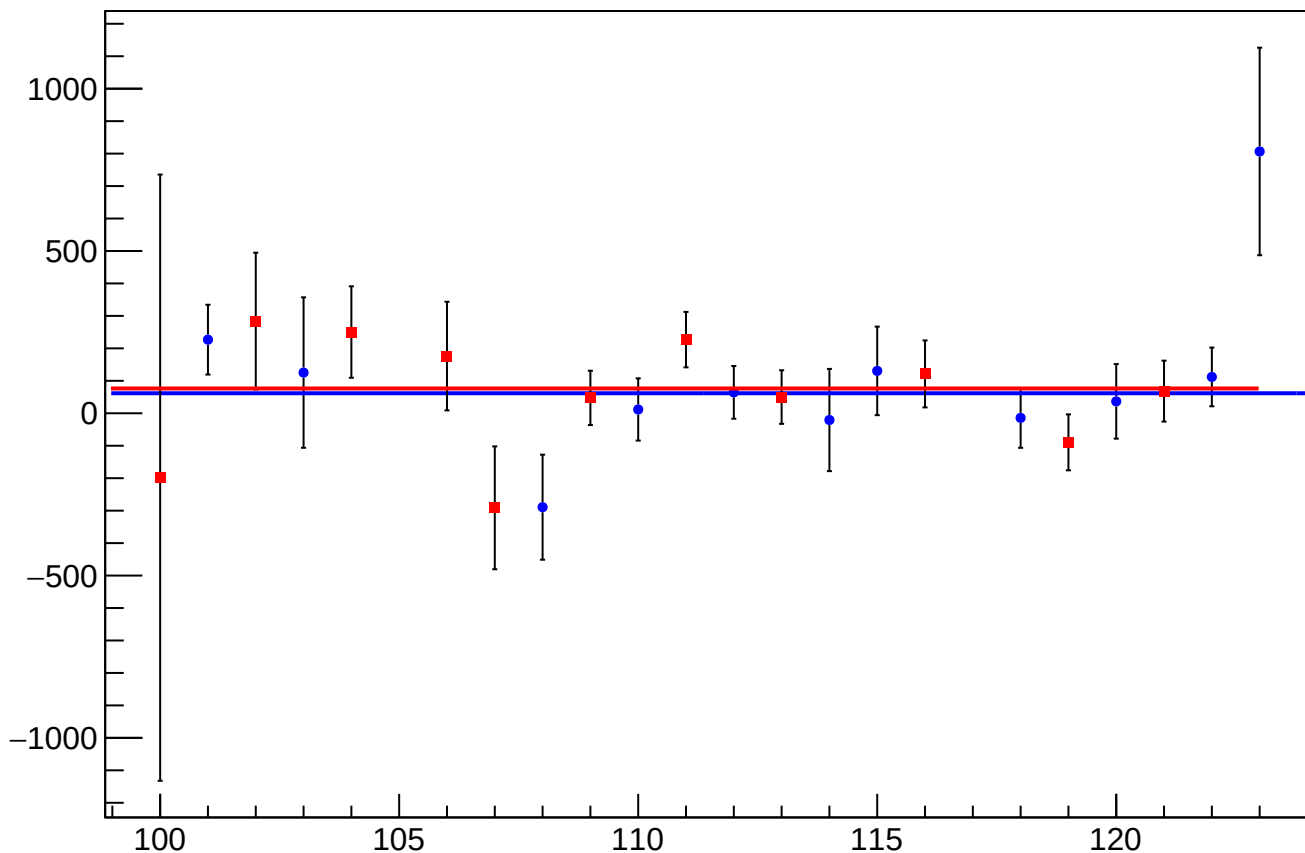
Right: 639.414+/-0.156 χ^2/NDF : 549466.1/21

In: 679.446+/-0.239 χ^2/NDF : 105114.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.414+/-0.156 χ^2/NDF : 549466.1/21

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 61.698+/-34.856 χ^2/NDF : 14.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.367+/-33.215 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

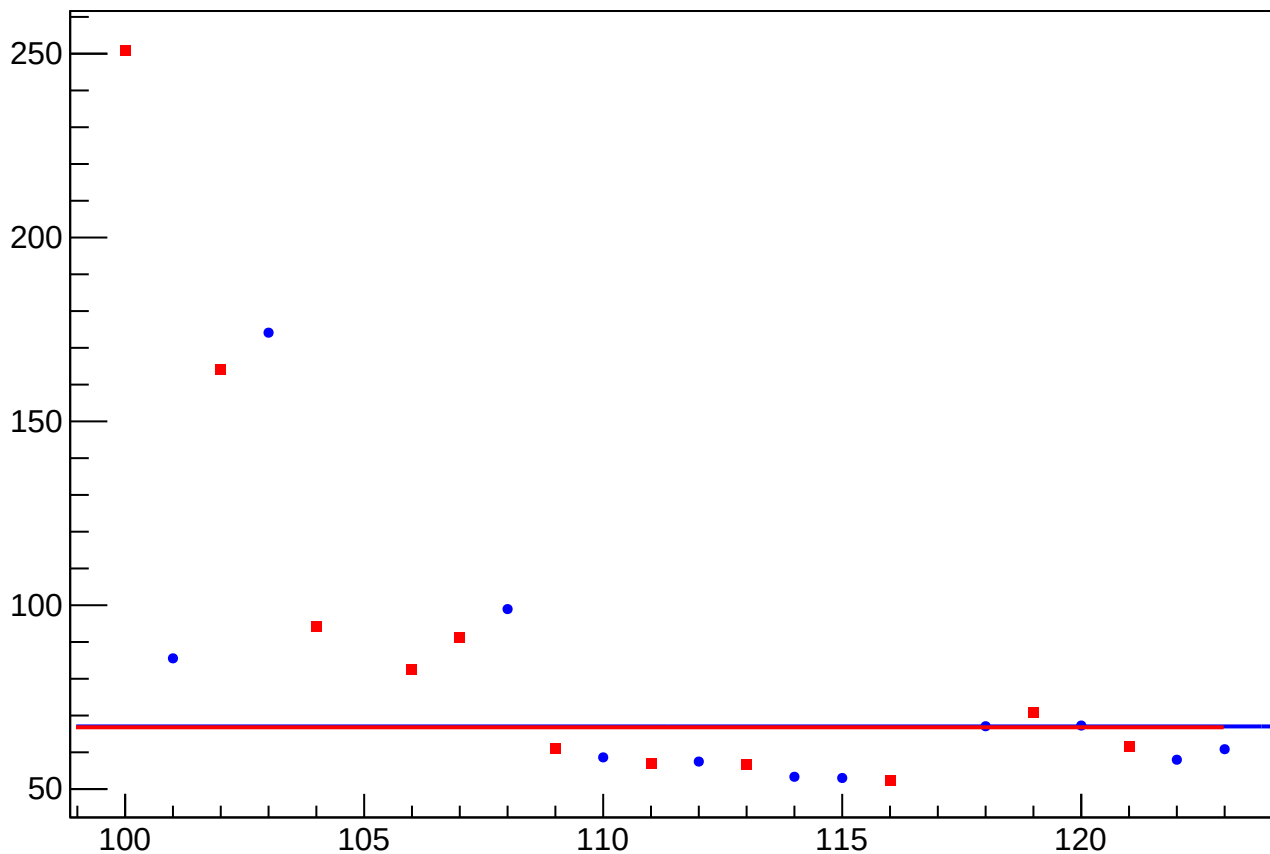
Right: 69.386+/-24.045 χ^2/NDF : 28.4/21

In: 61.698+/-34.856 χ^2/NDF : 14.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.386+/-24.045 χ^2/NDF : 28.4/21

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.040+/-0.025 χ^2/NDF : 664281.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.804+/-0.023 χ^2/NDF : 744762.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

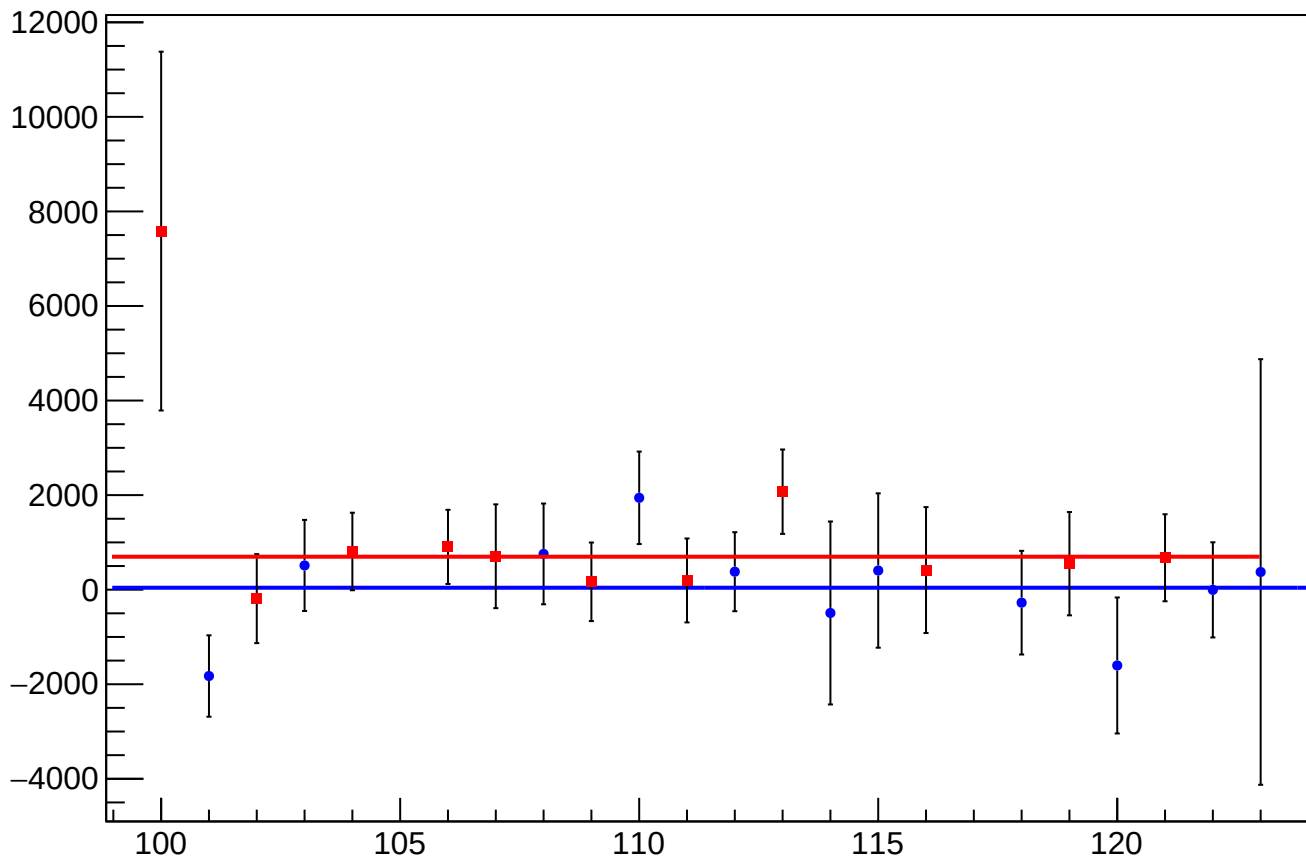
Right: 66.916+/-0.017 χ^2/NDF : 1409091.6/21

In: 67.040+/-0.025 χ^2/NDF : 664281.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.916+/-0.017 χ^2/NDF : 1409091.6/21

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.212+/-337.479 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 697.298+/-292.389 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

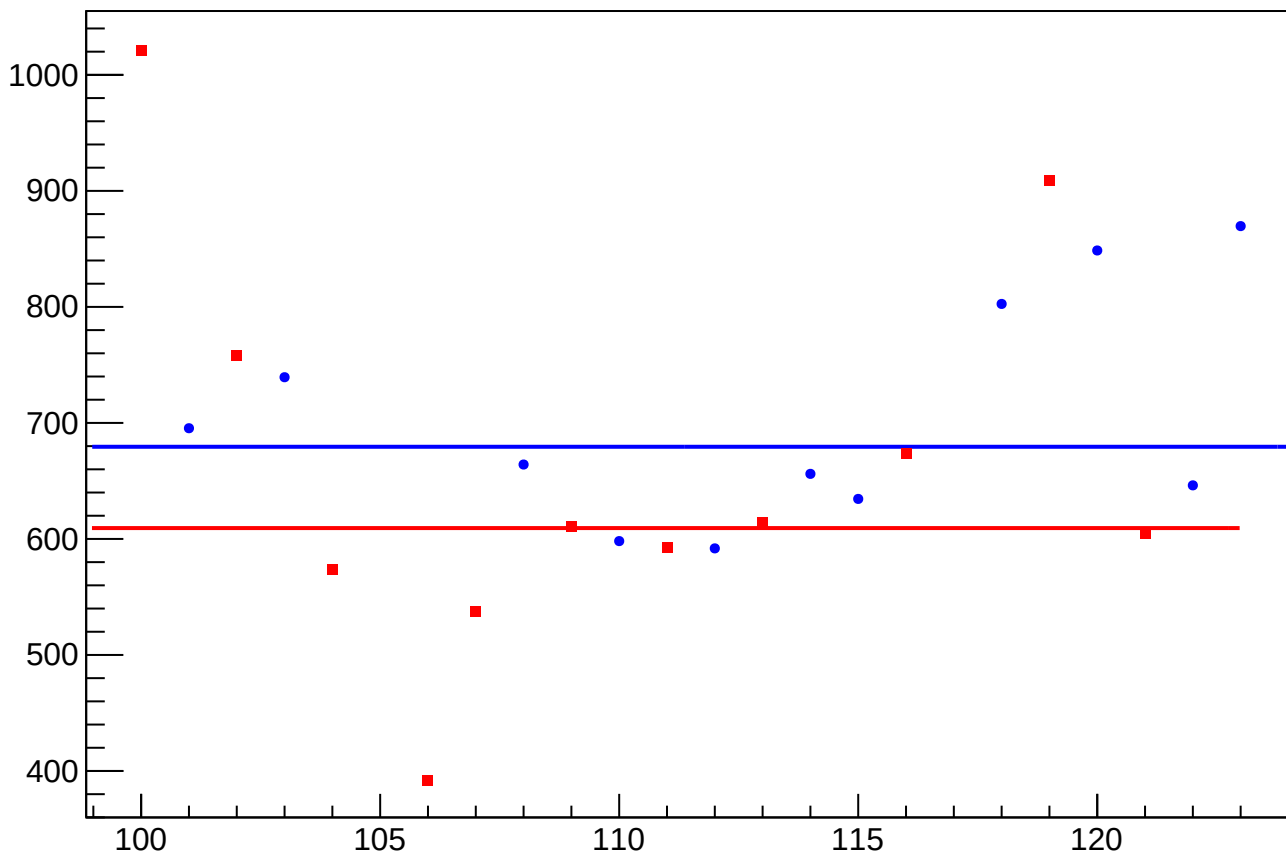
Right: 415.982+/-220.985 χ^2/NDF : 20.5/21

In: 41.212+/-337.479 χ^2/NDF : 10.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.982+/-220.985 χ^2/NDF : 20.5/21

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.446+/-0.239 χ^2/NDF : 105114.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.364+/-0.207 χ^2/NDF : 395084.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

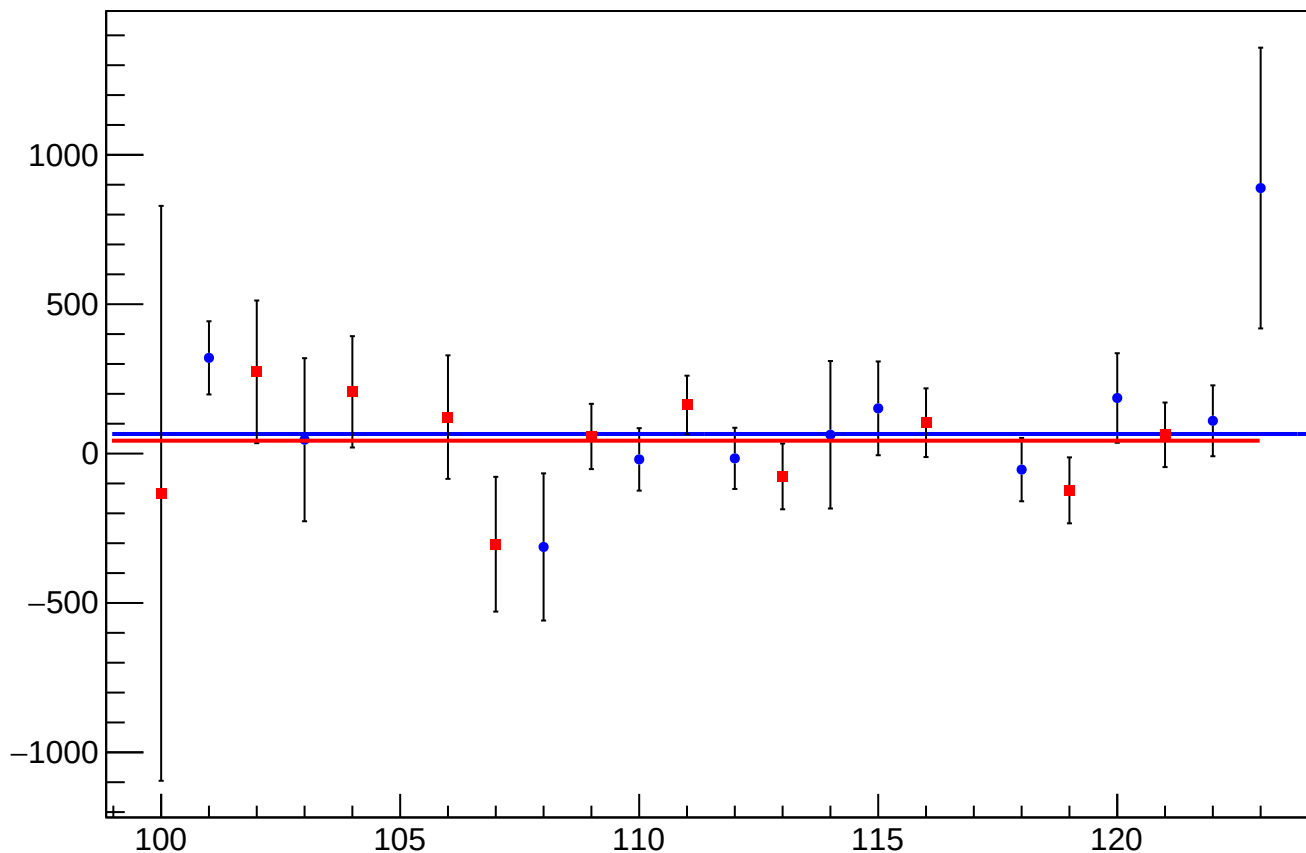
Right: 639.414+/-0.156 χ^2/NDF : 549466.1/21

In: 679.446+/-0.239 χ^2/NDF : 105114.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.414+/-0.156 χ^2/NDF : 549466.1/21

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 65.597 $\pm$ 42.660 χ^2 /NDF: 13.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.149 $\pm$ 40.677 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

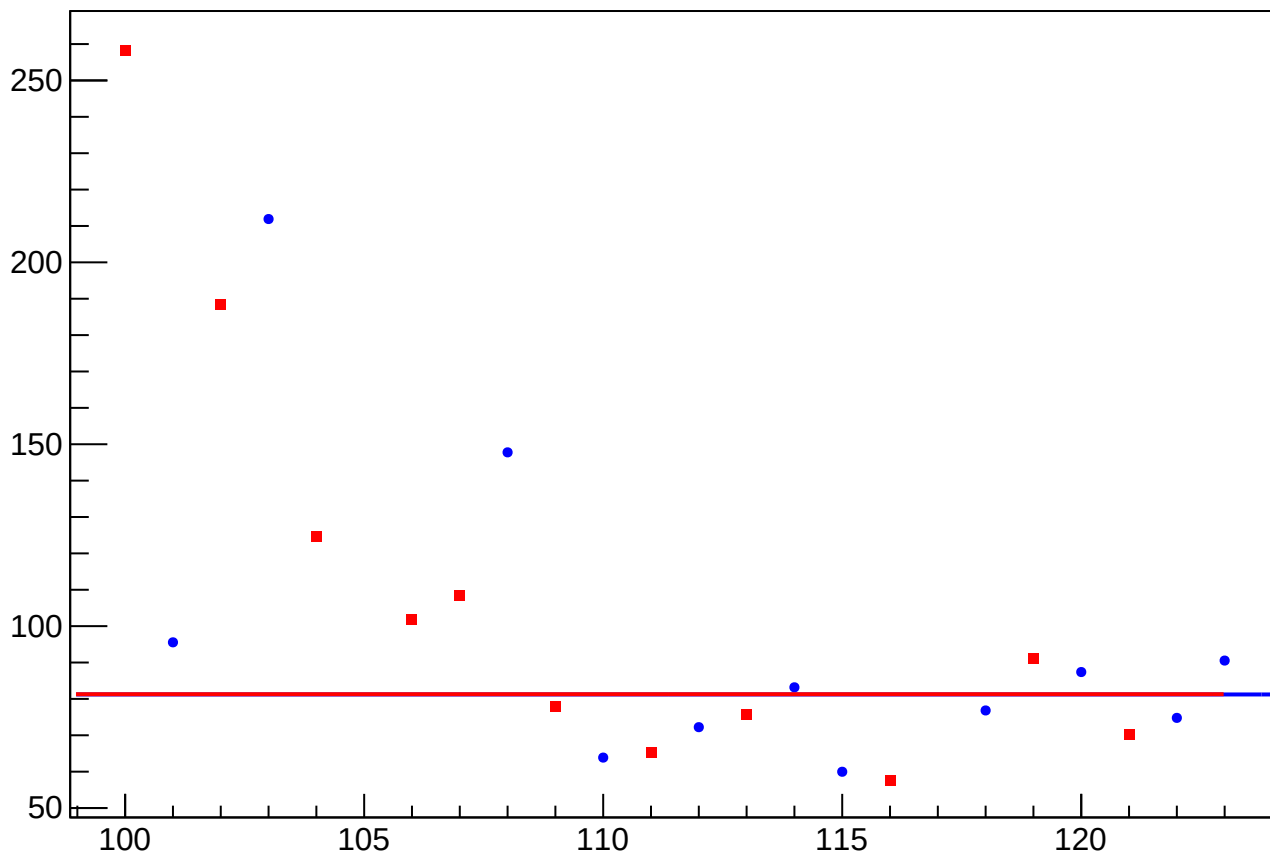
Right: 53.839 $\pm$ 29.439 χ^2 /NDF: 23.1/21

In: 65.597 $\pm$ 42.660 χ^2 /NDF:13.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.839 $\pm$ 29.439 χ^2 /NDF: 23.1/21

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.221+/-0.030 χ^2/NDF : 752727.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.286+/-0.029 χ^2/NDF : 809997.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

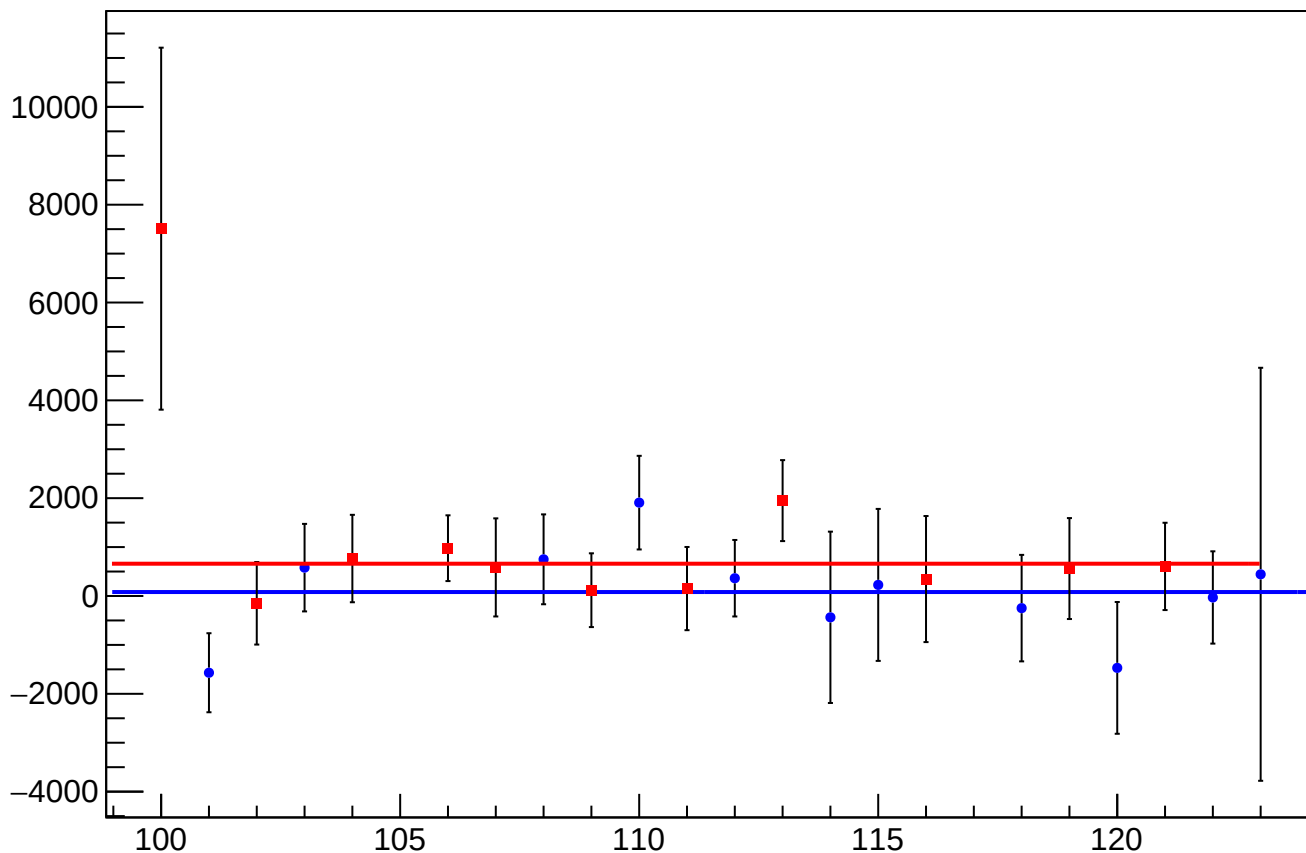
Right: 81.255+/-0.021 χ^2/NDF : 1562728.1/21

In: 81.221+/-0.030 χ^2/NDF : 752727.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.255+/-0.021 χ^2/NDF : 1562728.1/21

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 80.893+/-316.116 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 659.989+/-273.863 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

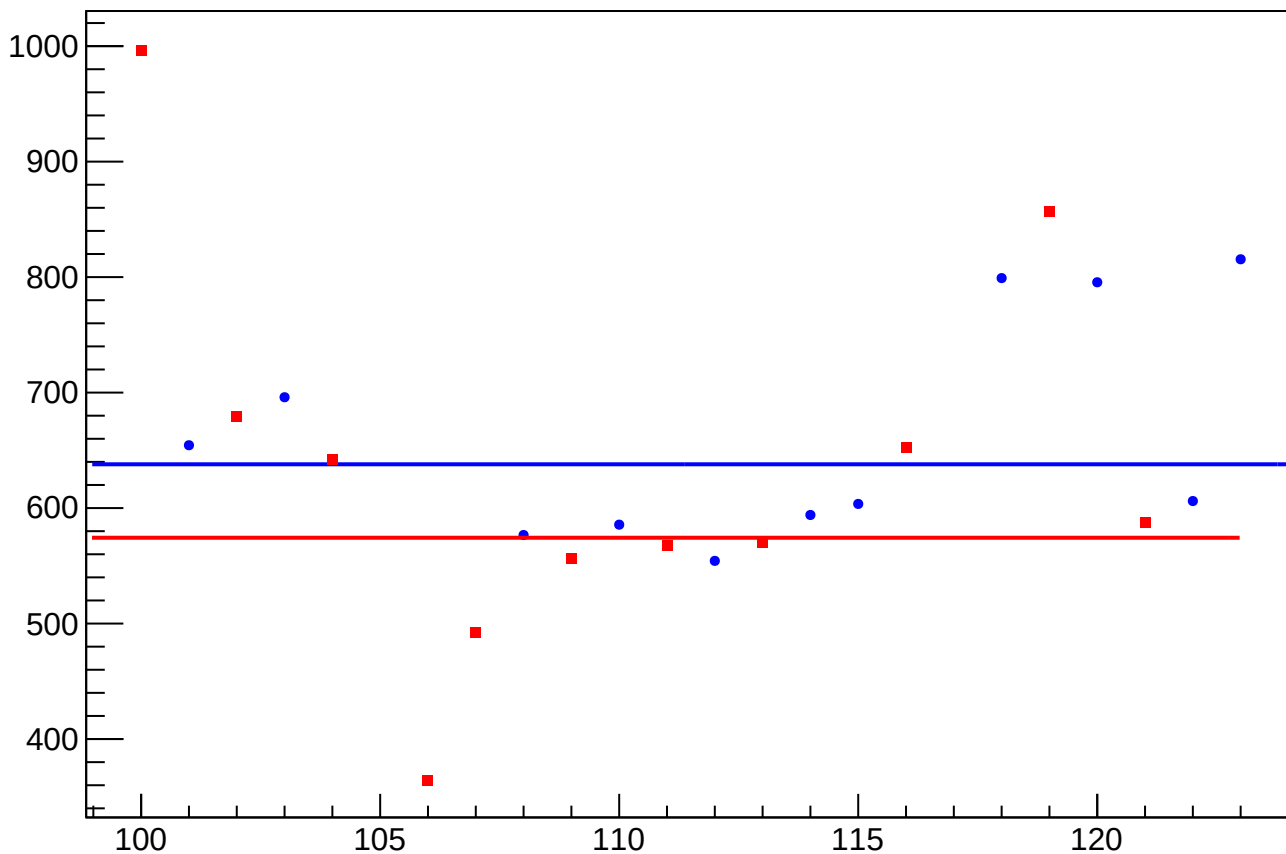
Right: 411.704+/-206.989 χ^2/NDF : 20.2/21

In: 80.893+/-316.116 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.704+/-206.989 χ^2/NDF : 20.2/21

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 637.919+/-0.224 χ^2/NDF : 126266.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.311+/-0.194 χ^2/NDF : 436481.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

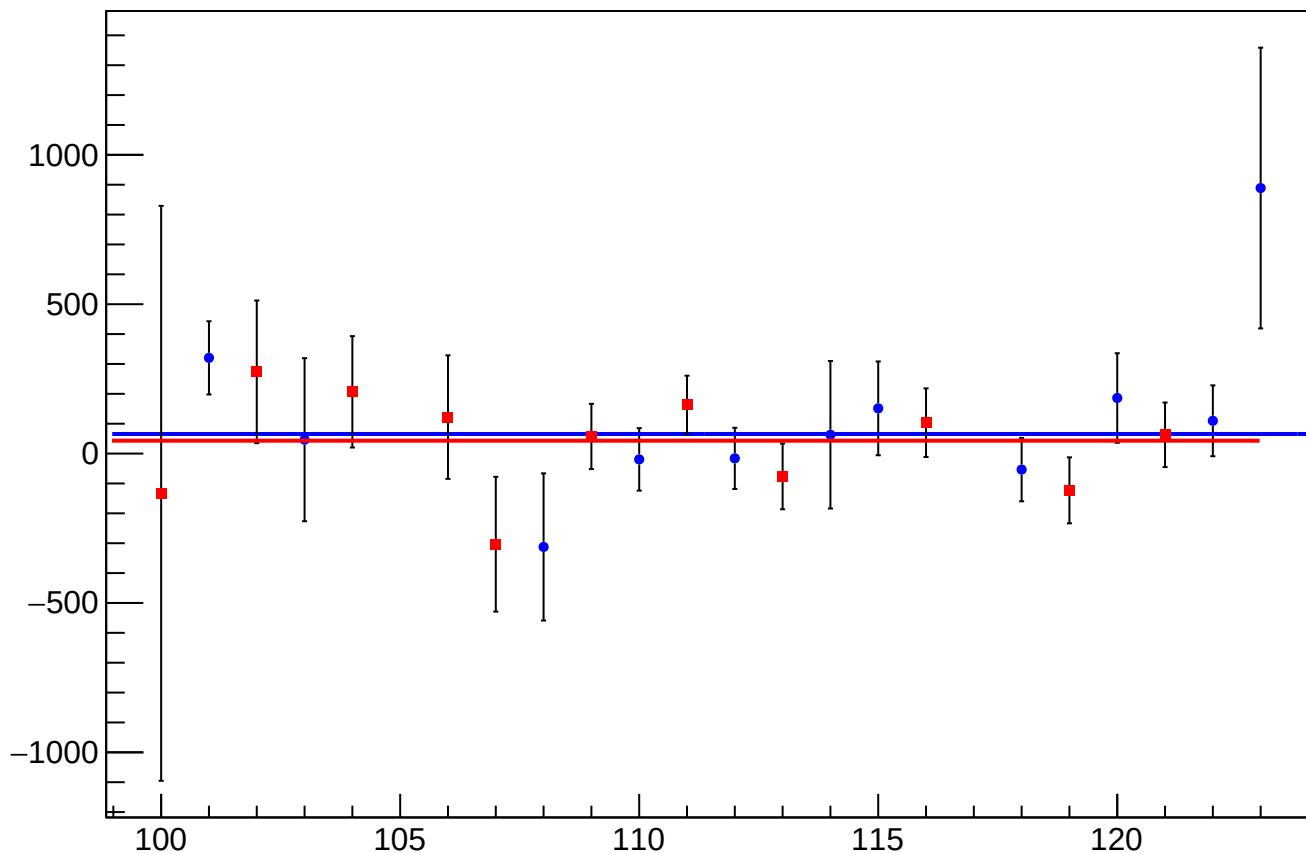
Right: 601.583+/-0.146 χ^2/NDF : 609005.6/21

In: 637.919+/-0.224 χ^2/NDF : 126266.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.583+/-0.146 χ^2/NDF : 609005.6/21

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 65.596 $\pm$ 42.660 χ^2 /NDF: 13.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.149 $\pm$ 40.677 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

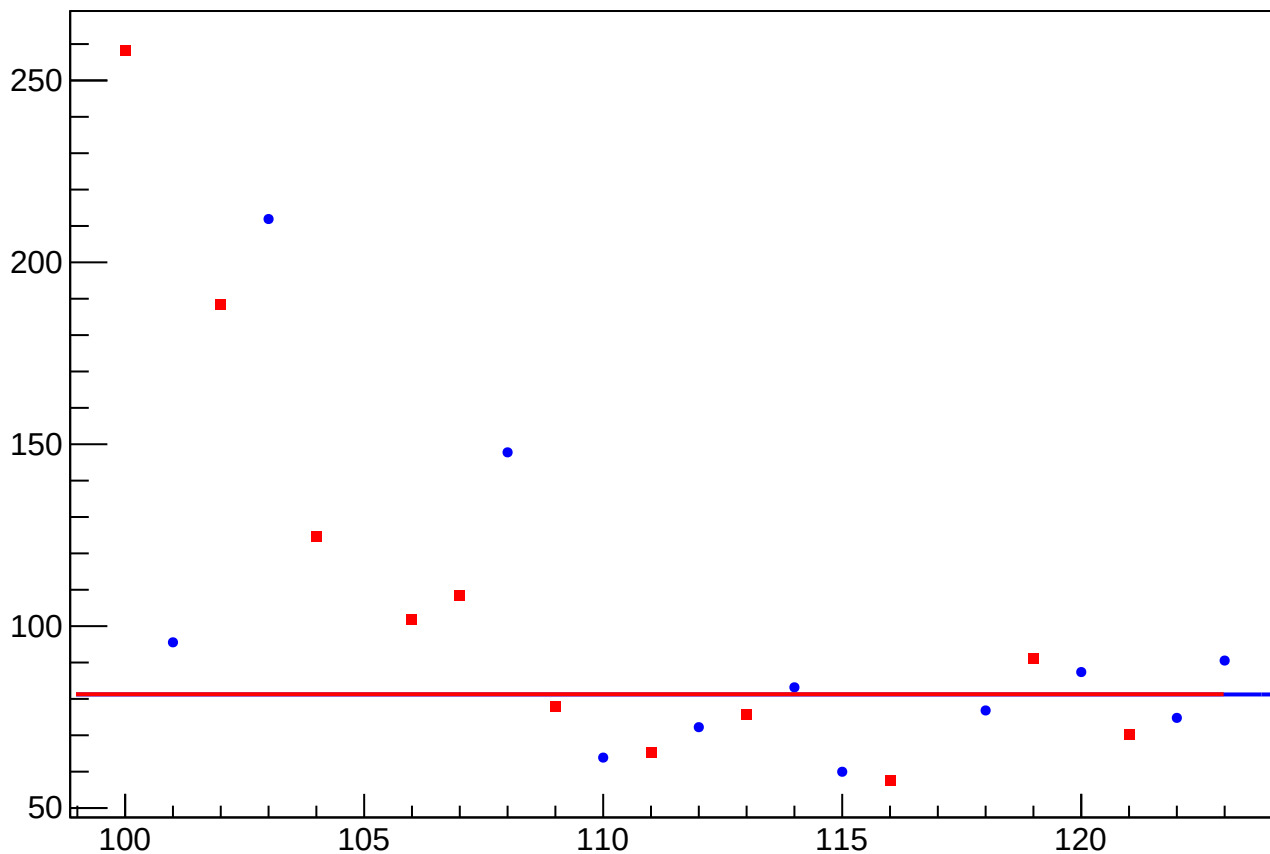
Right: 53.839 $\pm$ 29.439 χ^2 /NDF: 23.1/21

In: 65.596 $\pm$ 42.660 χ^2 /NDF:13.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.839 $\pm$ 29.439 χ^2 /NDF: 23.1/21

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.220+/-0.030 χ^2/NDF : 752732.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.286+/-0.029 χ^2/NDF : 809989.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

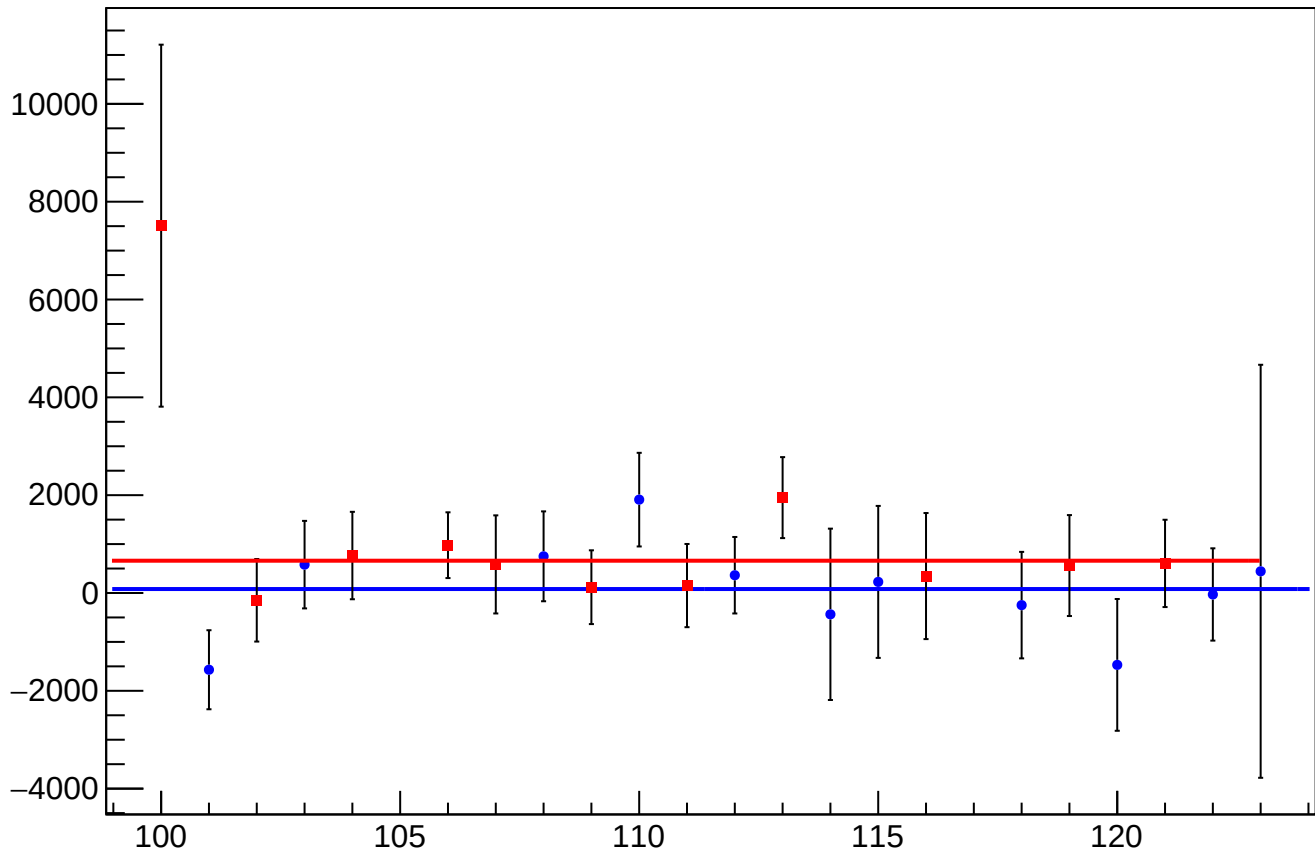
Right: 81.255+/-0.021 χ^2/NDF : 1562724.4/21

In: 81.220+/-0.030 χ^2/NDF : 752732.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.255+/-0.021 χ^2/NDF : 1562724.4/21

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 80.893+/-316.116 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 659.988+/-273.862 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

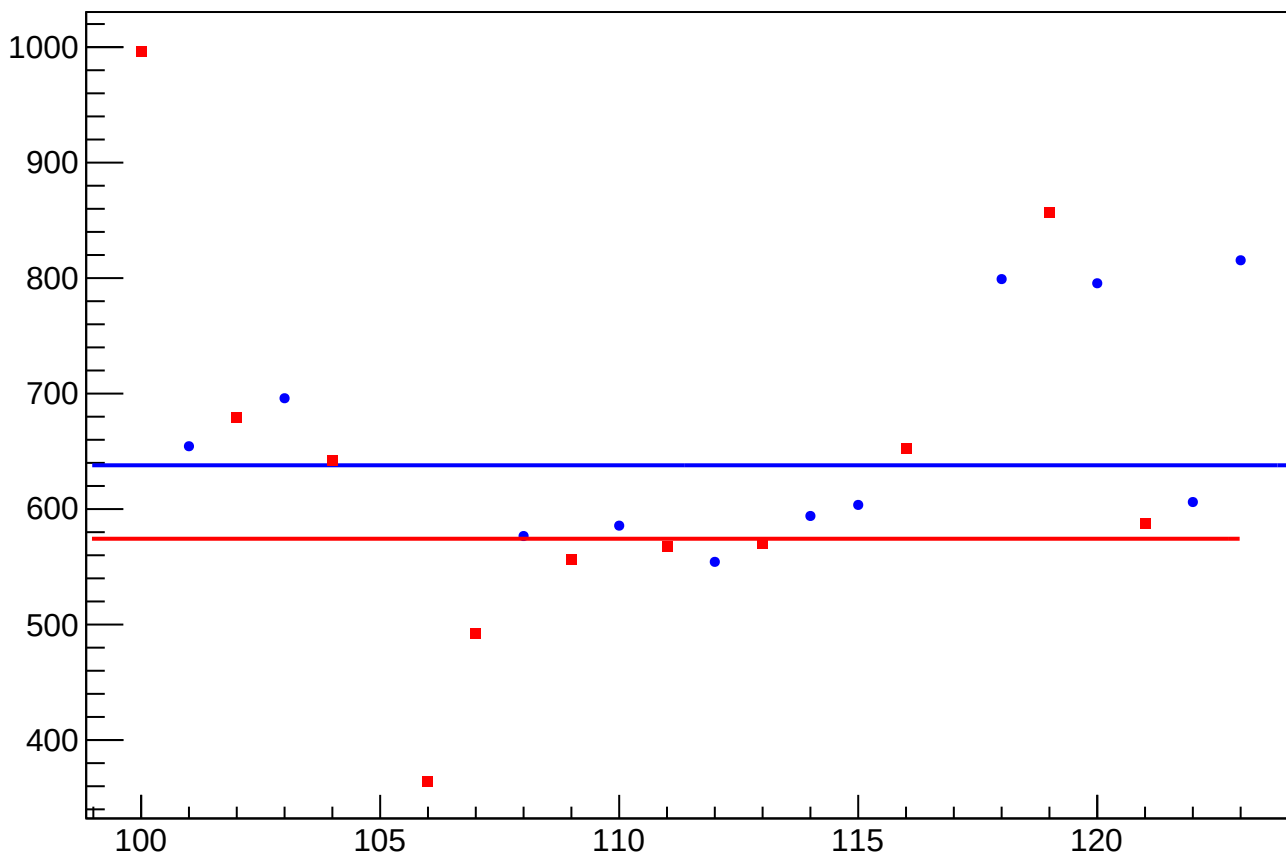
Right: 411.703+/-206.989 χ^2/NDF : 20.2/21

In: 80.893+/-316.116 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.703+/-206.989 χ^2/NDF : 20.2/21

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 637.918+/-0.224 χ^2/NDF : 126268.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.310+/-0.194 χ^2/NDF : 436483.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

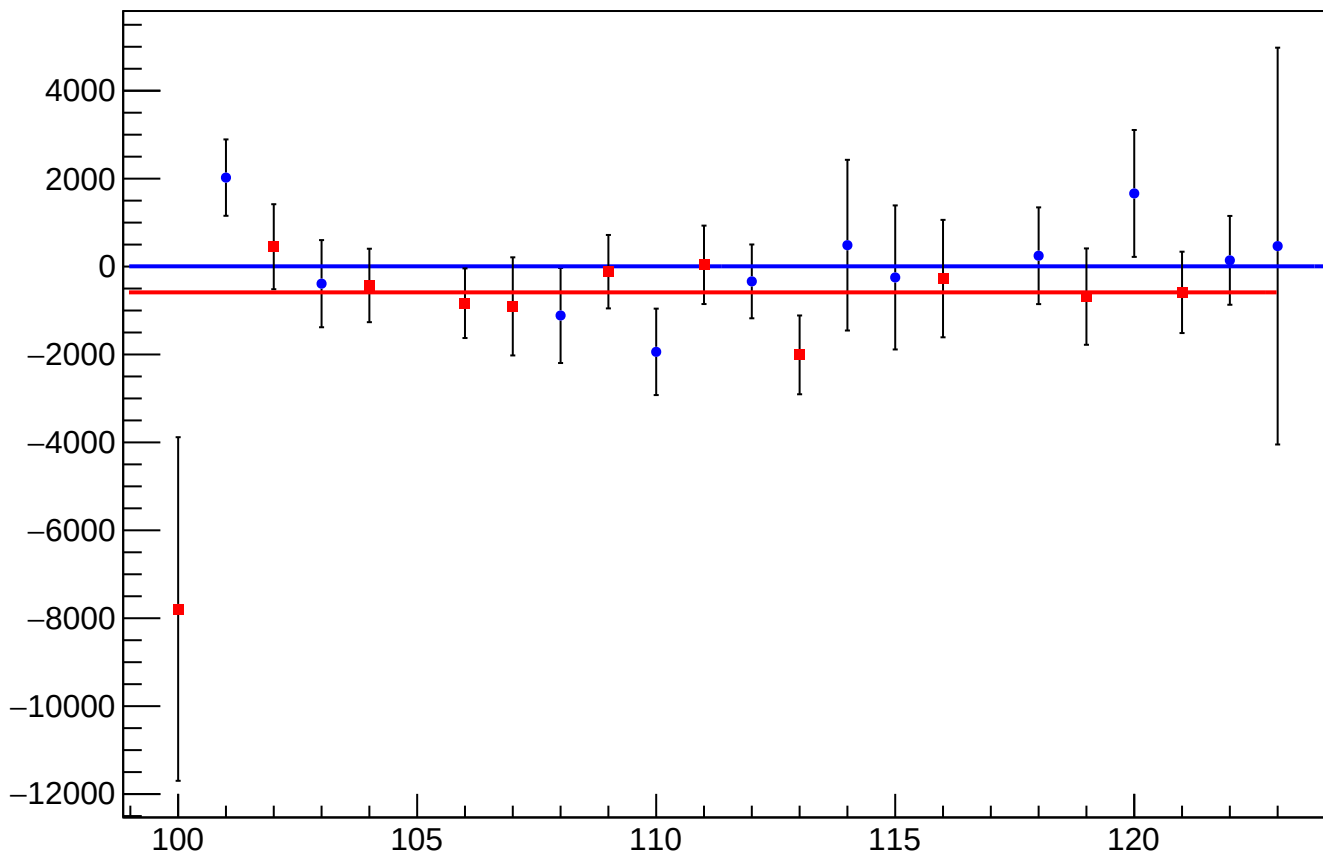
Right: 601.582+/-0.146 χ^2/NDF : 609010.9/21

In: 637.918+/-0.224 χ^2/NDF : 126268.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.582+/-0.146 χ^2/NDF : 609010.9/21

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 5.485+/-340.539 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -586.903+/-295.379 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

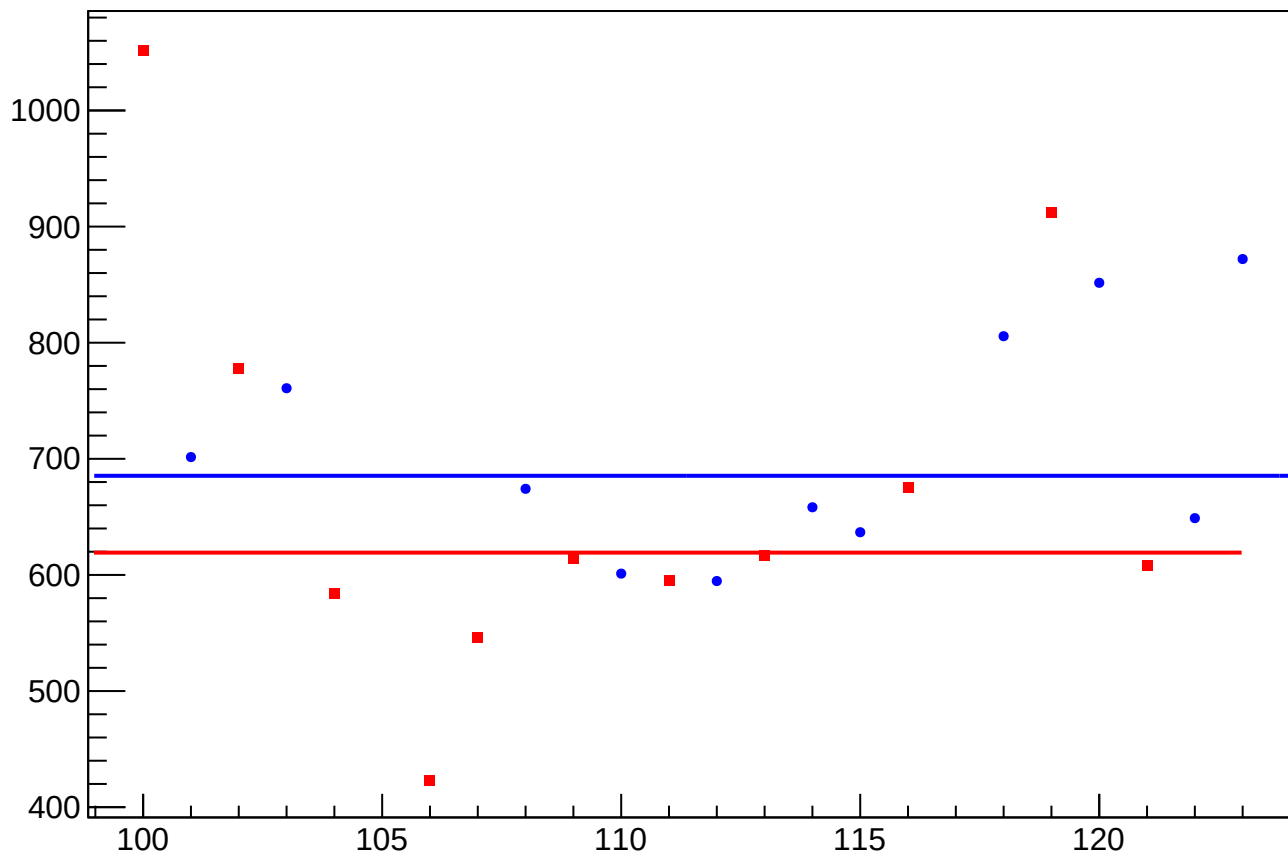
Right: -332.567+/-223.135 χ^2/NDF : 22.1/21

In: 5.485+/-340.539 χ^2/NDF : 12.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -332.567+/-223.135 χ^2/NDF : 22.1/21

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 685.385+/-0.241 χ^2/NDF : 109047.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 619.227+/-0.209 χ^2/NDF : 361240.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

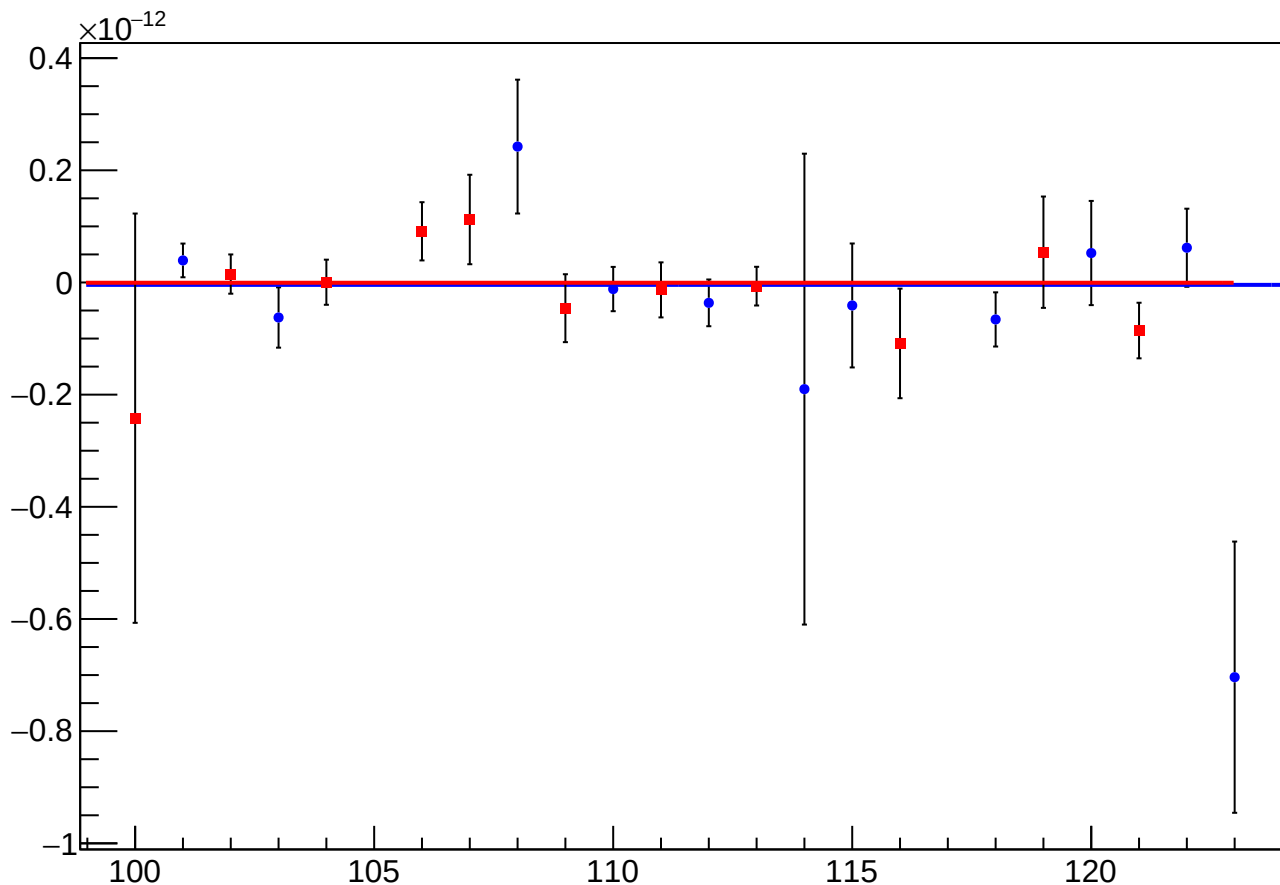
Right: 647.631+/-0.158 χ^2/NDF : 513362.8/21

In: 685.385+/-0.241 χ^2/NDF :109047.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 647.631+/-0.158 χ^2/NDF : 513362.8/21

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 19.8/10

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

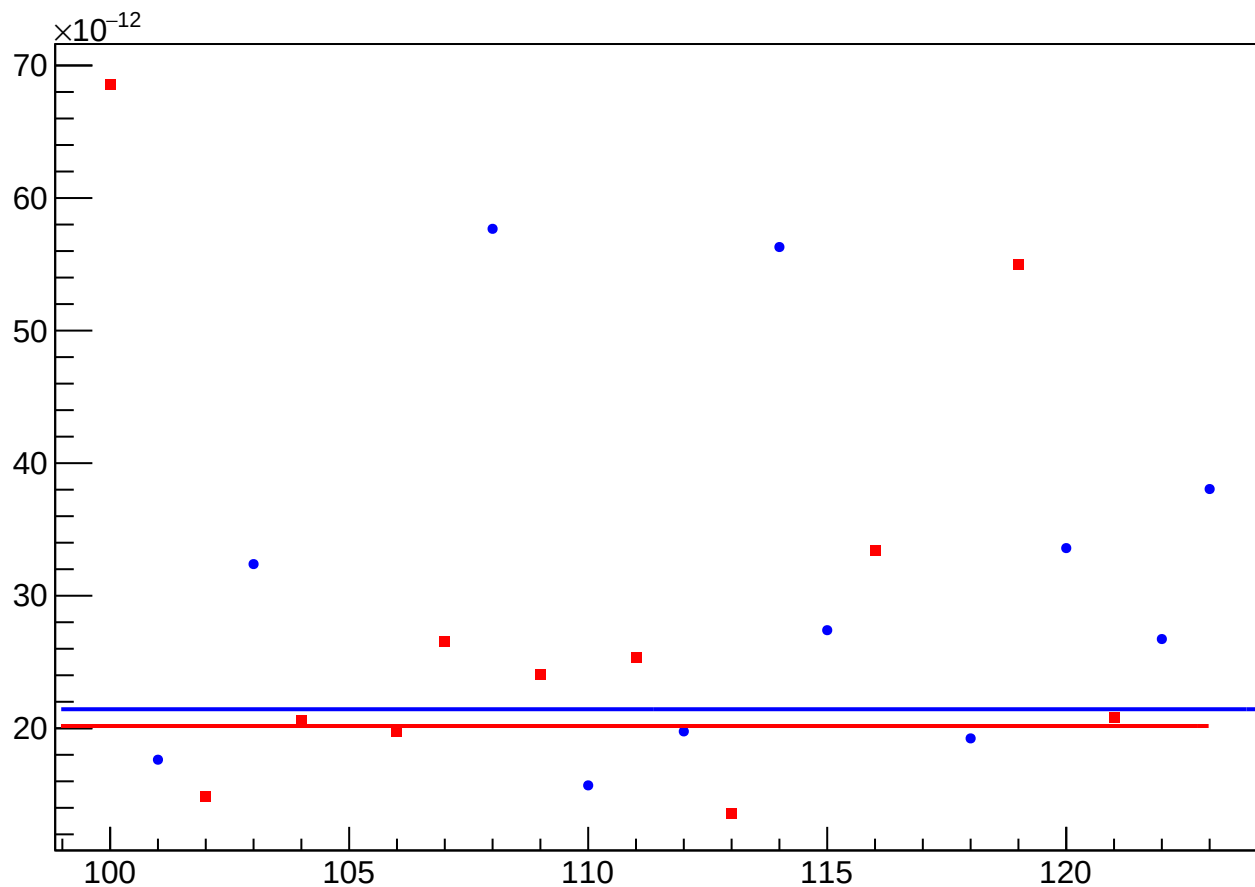
Right: -0.000+/-0.000 χ^2 /NDF: 30.7/21

In: -0.000+/-0.000 χ^2 /NDF:19.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.7/21

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 424062.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 481115.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

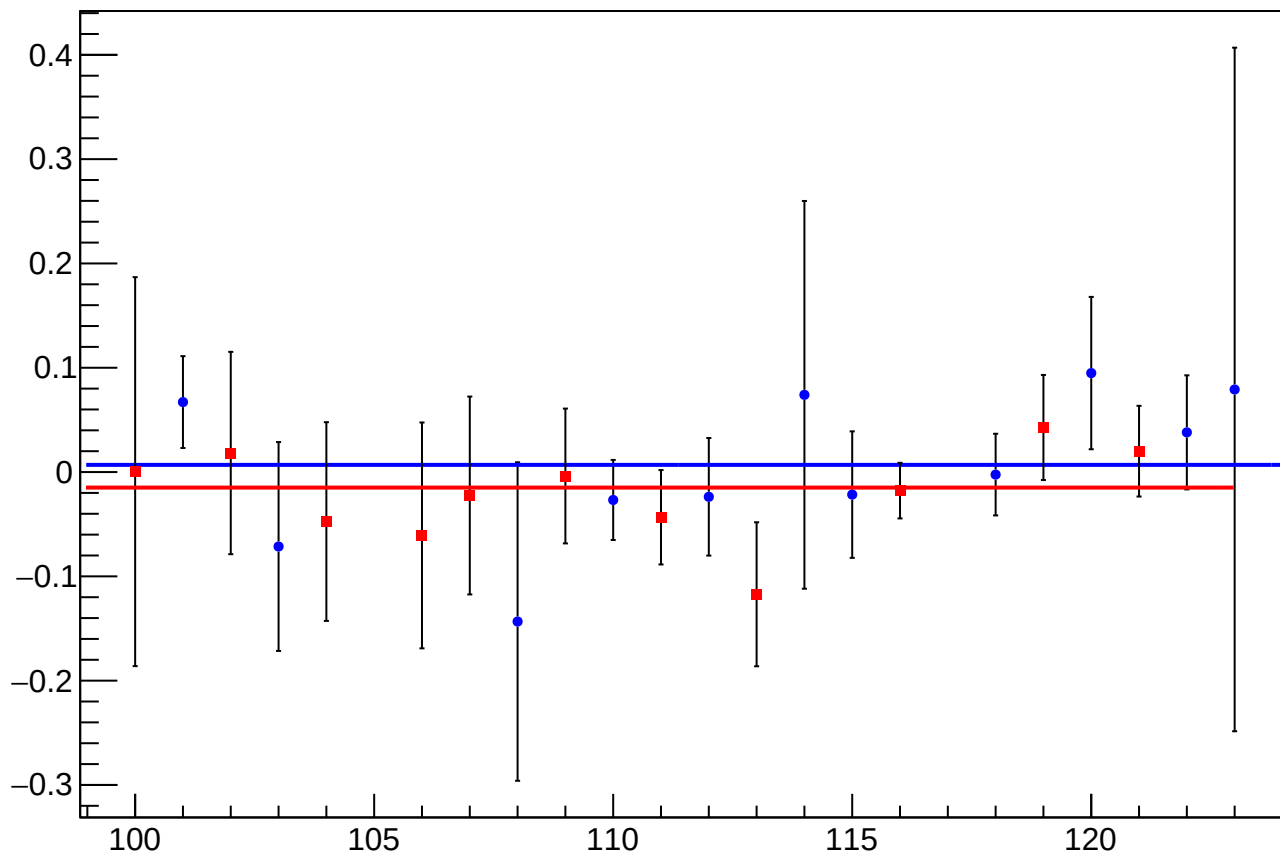
Right: 0.000+/-0.000 χ^2/NDF : 911322.0/21

In: 0.000+/-0.000 χ^2/NDF : 424062.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 911322.0/21

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.016 χ^2 /NDF: 5.0/10

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

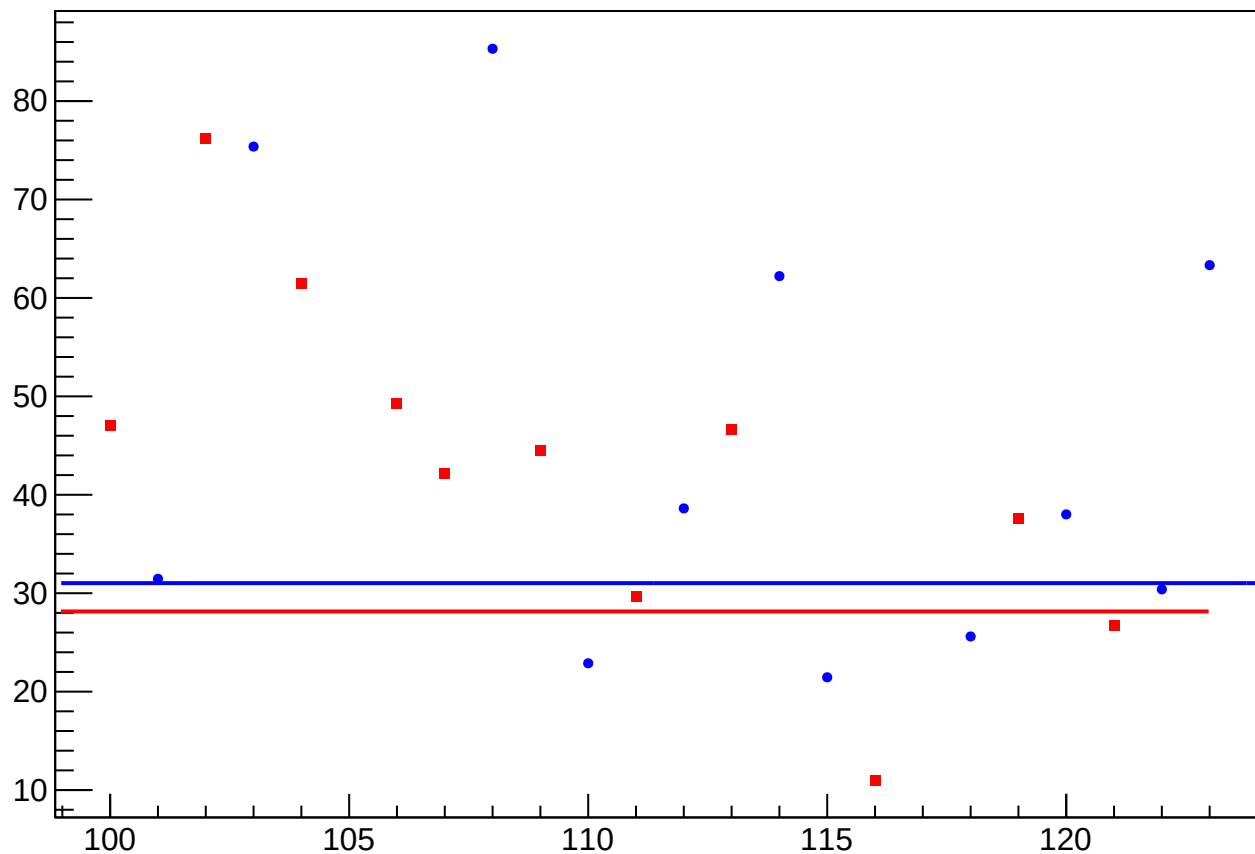
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.024+/-0.013 χ^2/NDF : 954153.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.145+/-0.012 χ^2/NDF : 2051293.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

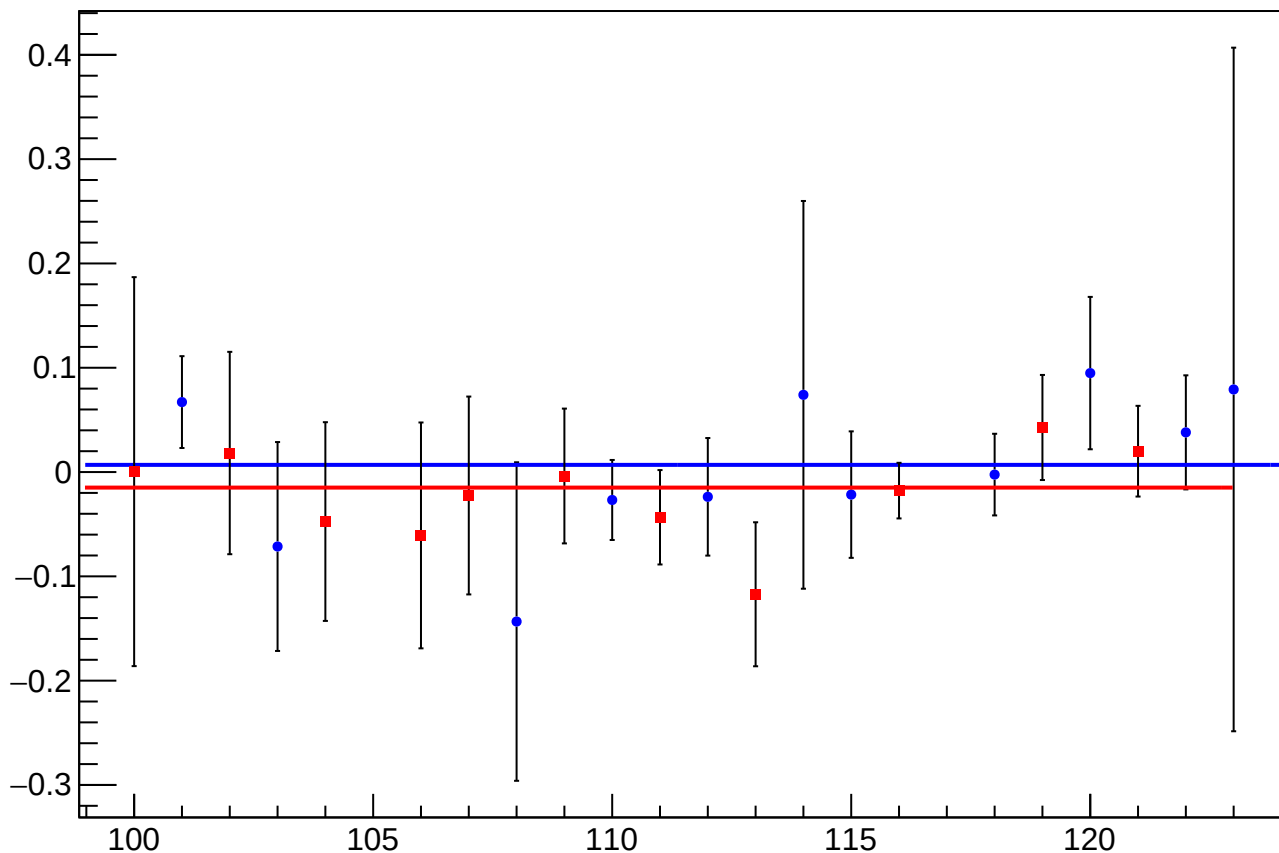
Right: 29.464+/-0.009 χ^2/NDF : 3033620.3/21

In: 31.024+/-0.013 χ^2/NDF : 954153.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.464+/-0.009 χ^2/NDF : 3033620.3/21

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.016 χ^2 /NDF: 5.0/10

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

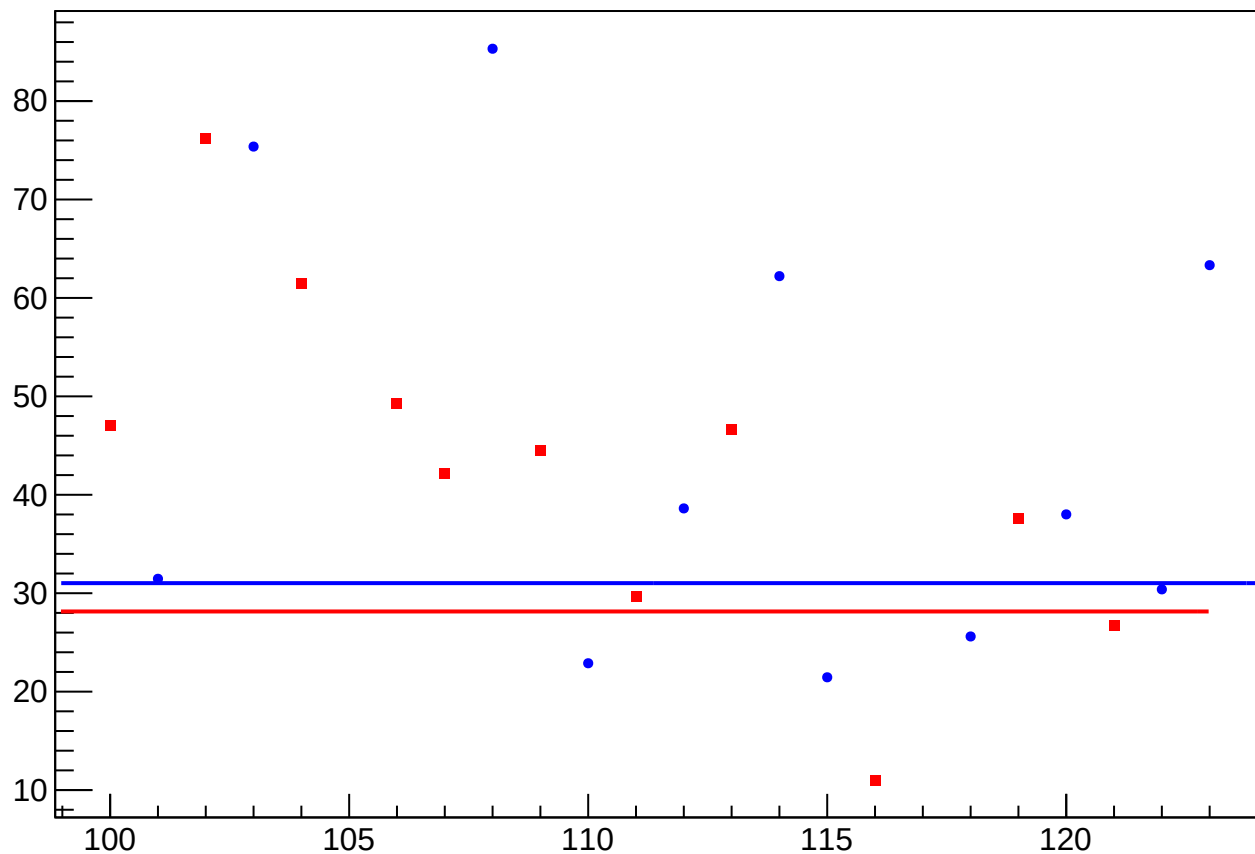
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.024+/-0.013 χ^2/NDF : 954153.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.145+/-0.012 χ^2/NDF : 2051293.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

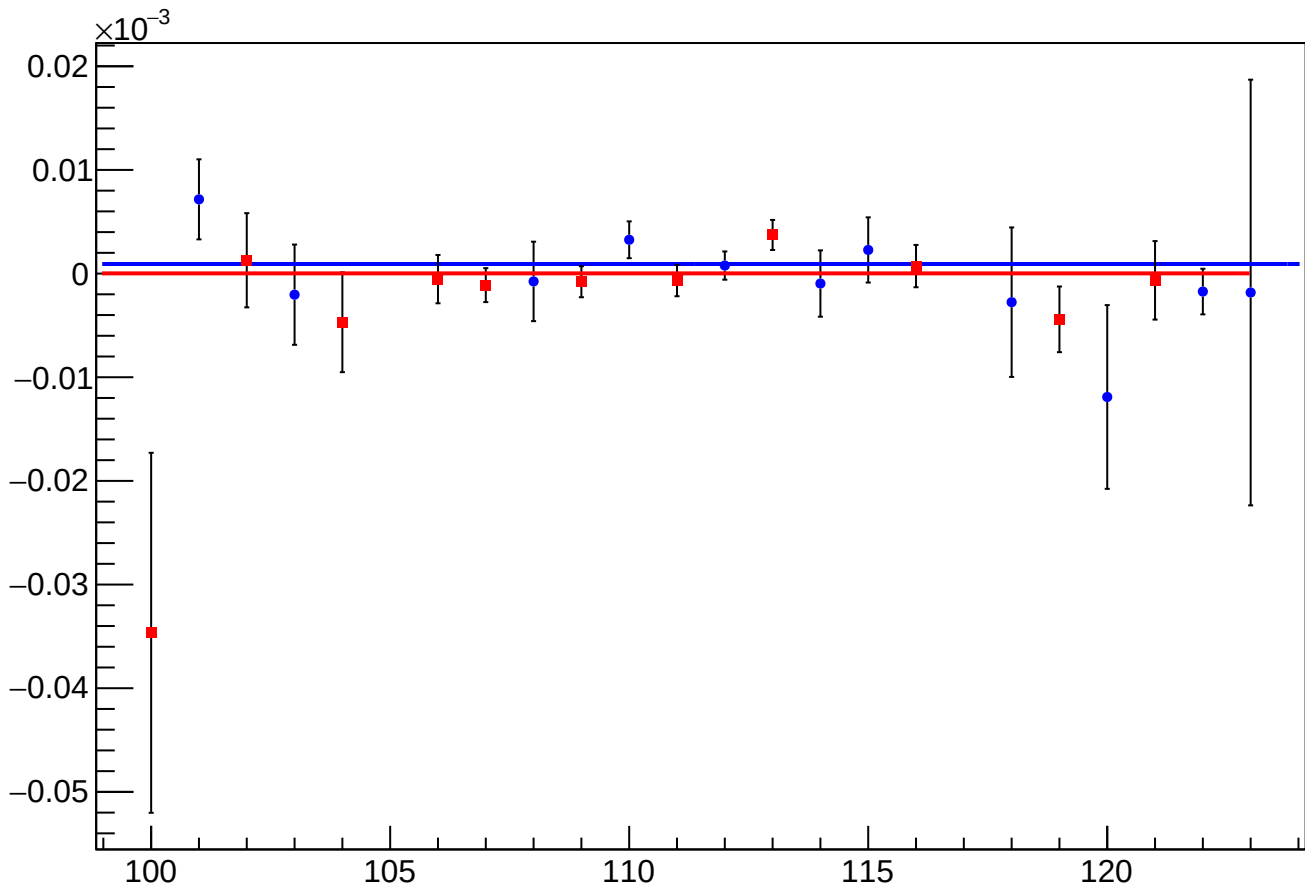
Right: 29.464+/-0.009 χ^2/NDF : 3033620.3/21

In: 31.024+/-0.013 χ^2/NDF : 954153.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.464+/-0.009 χ^2/NDF : 3033620.3/21

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

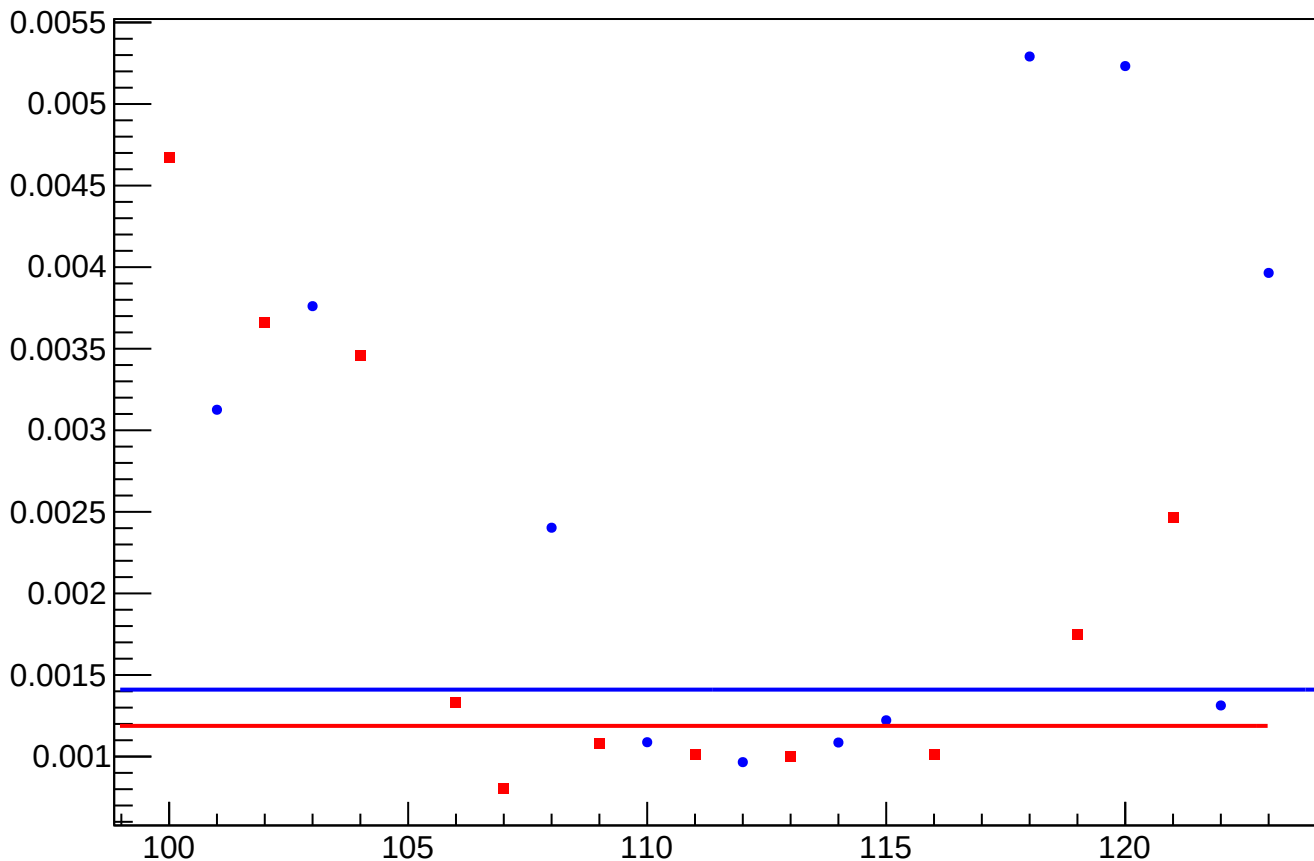
Right: 0.000+/-0.000 χ^2/NDF : 24.7/21

In: 0.000+/-0.000 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/21

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2294577.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1610269.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

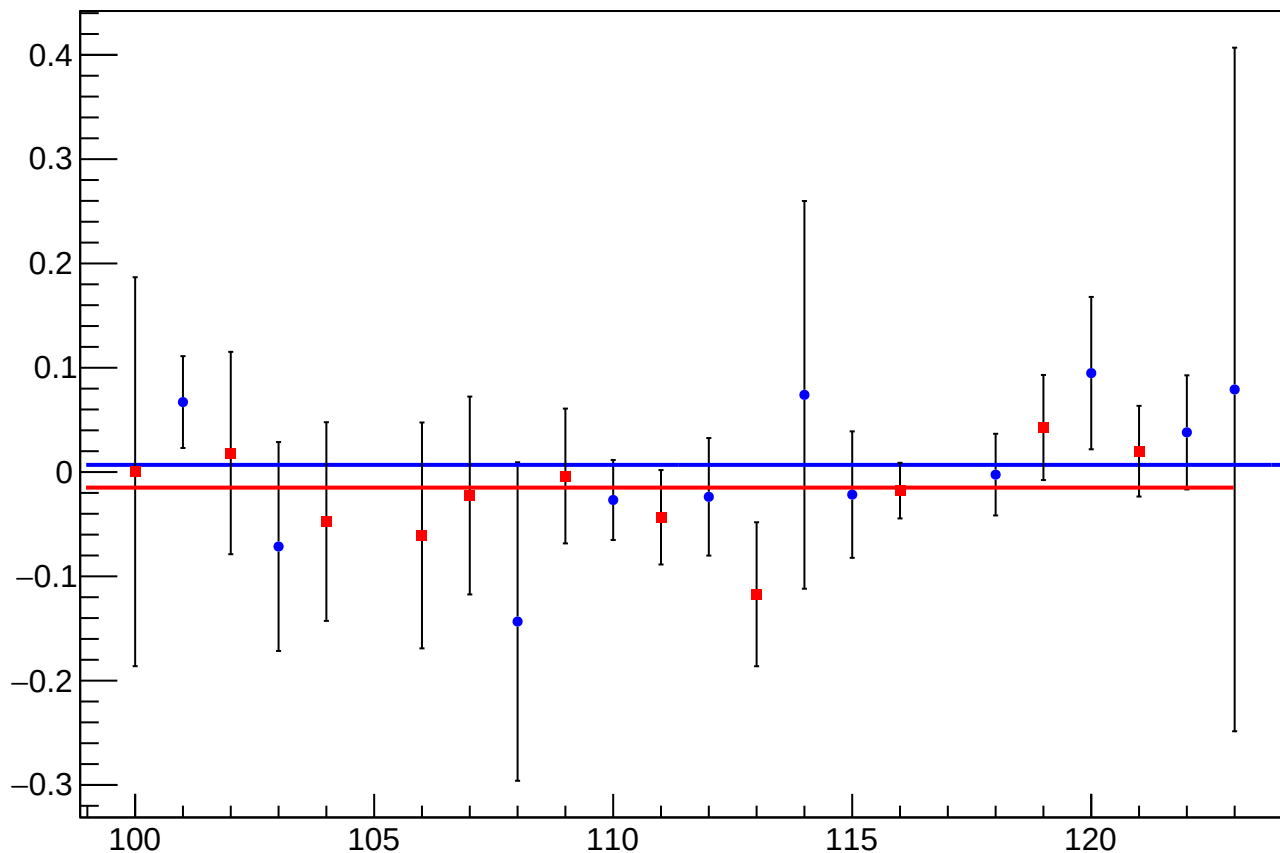
Right: 0.001+/-0.000 χ^2/NDF : 3995324.7/21

In: 0.001+/-0.000 χ^2/NDF : 2294577.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3995324.7/21

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.016 χ^2 /NDF: 5.0/10

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

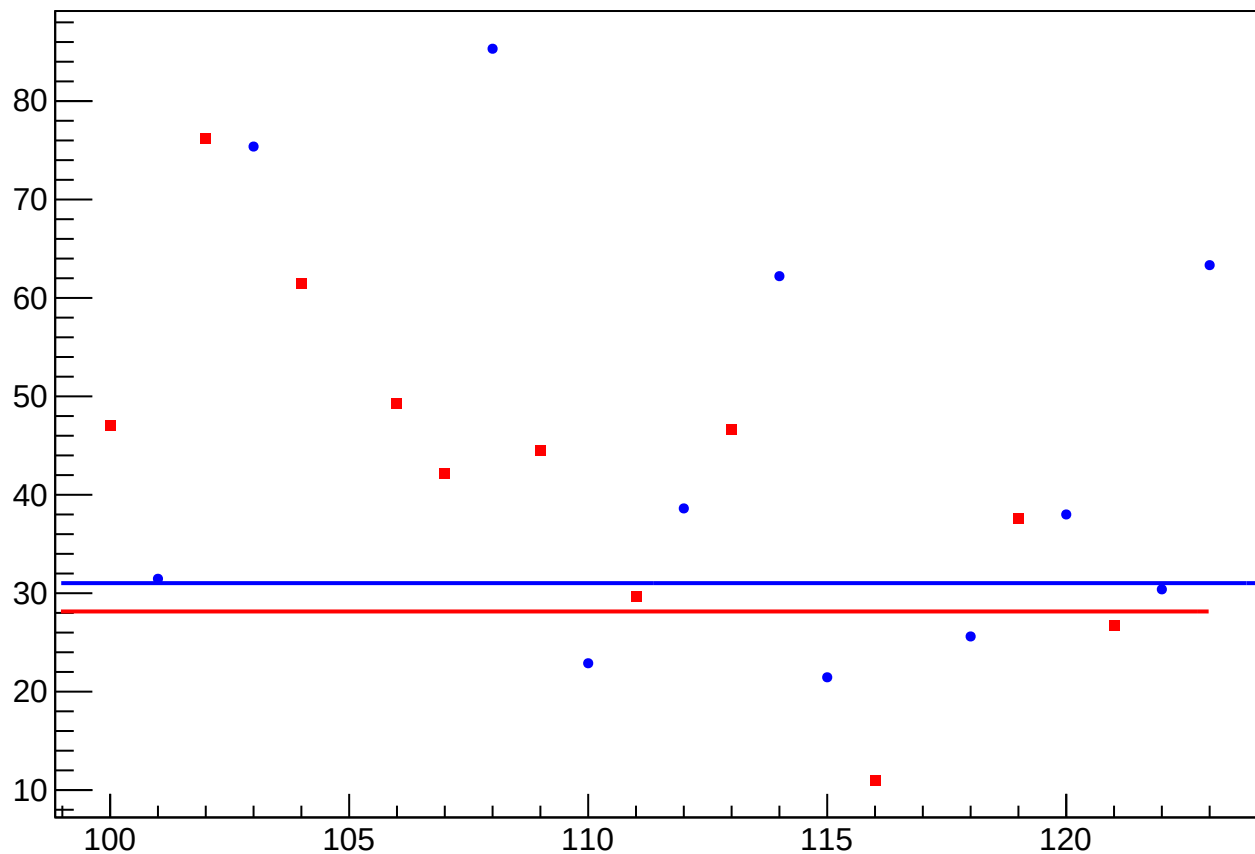
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.024+/-0.013 χ^2/NDF : 954123.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.145+/-0.012 χ^2/NDF : 2051287.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

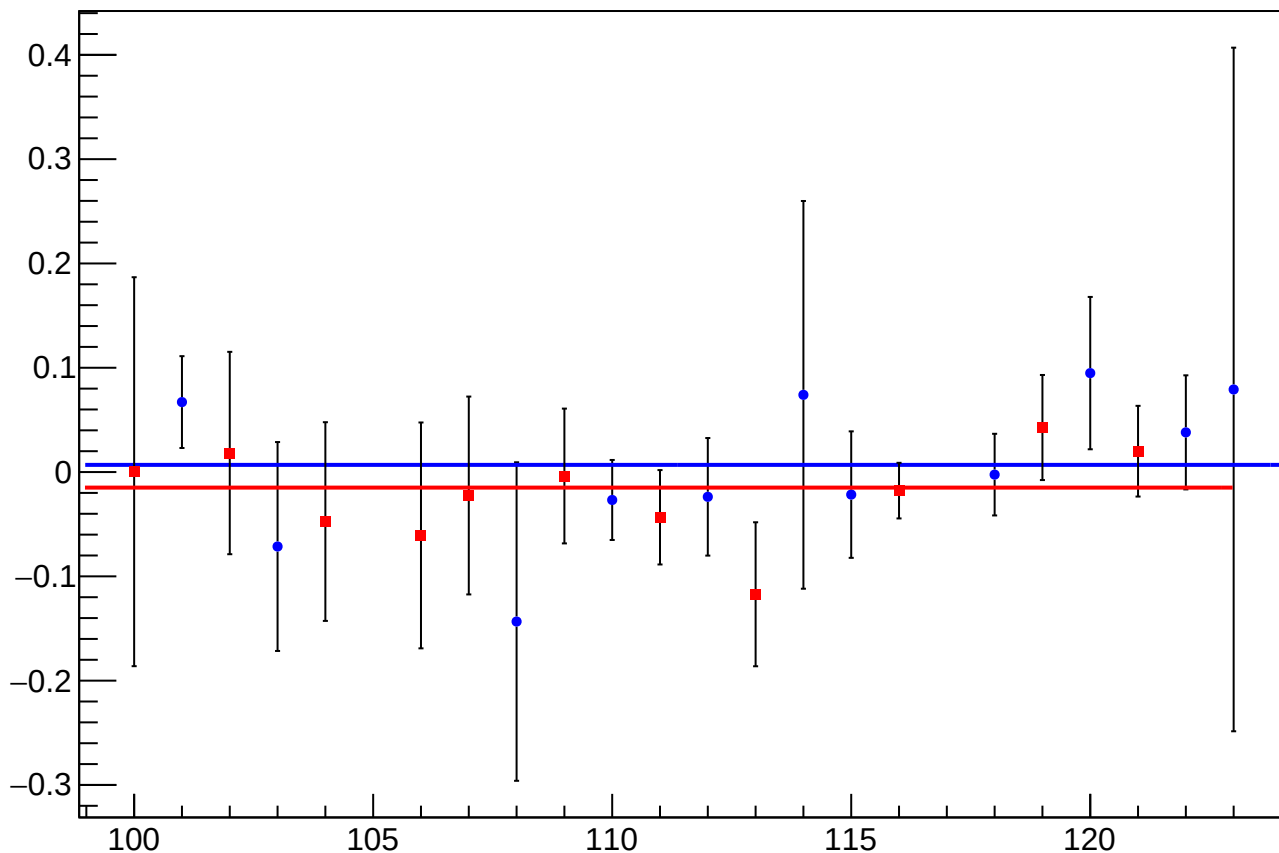
Right: 29.465+/-0.009 χ^2/NDF : 3033590.7/21

In: 31.024+/-0.013 χ^2/NDF : 954123.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.465+/-0.009 χ^2/NDF : 3033590.7/21

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.016 χ^2 /NDF: 5.0/10

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

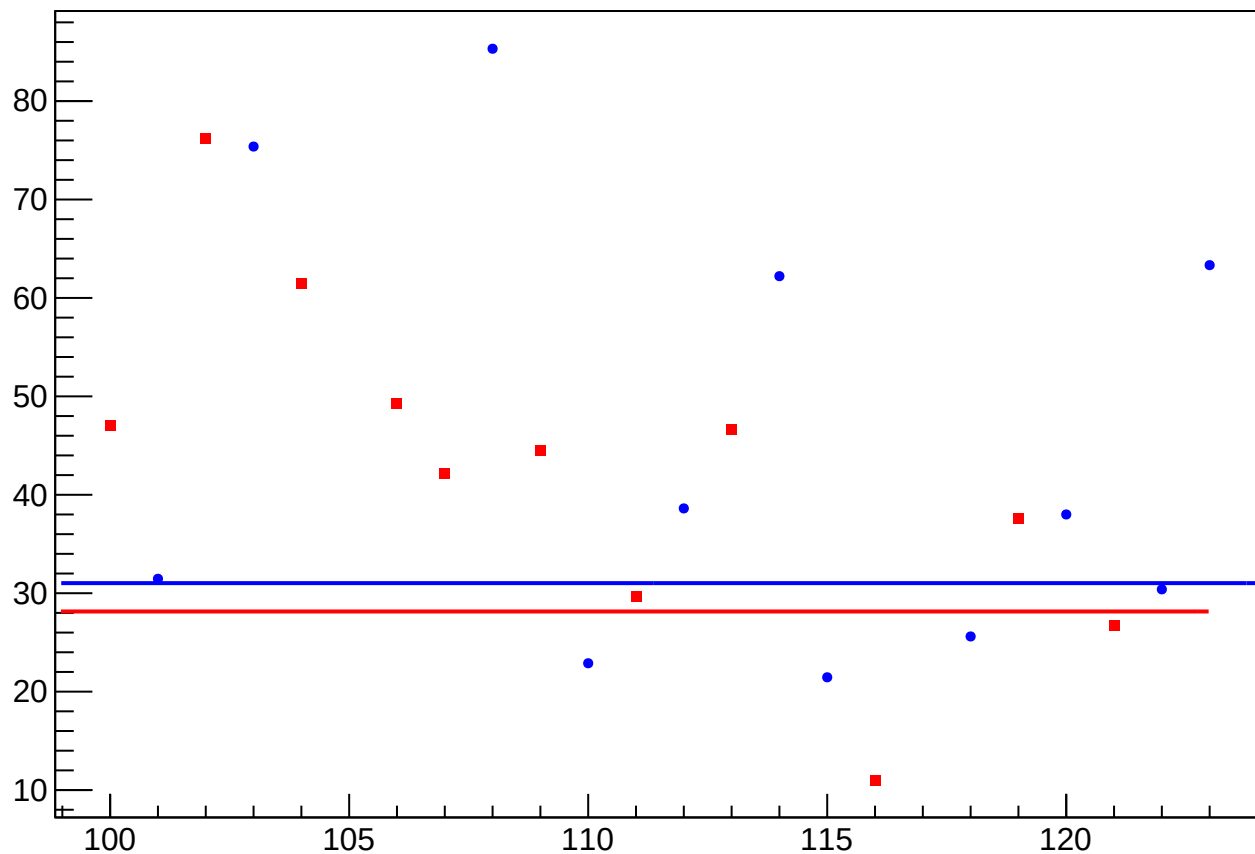
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 12.6/21

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.024+/-0.013 χ^2/NDF : 954123.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.145+/-0.012 χ^2/NDF : 2051287.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

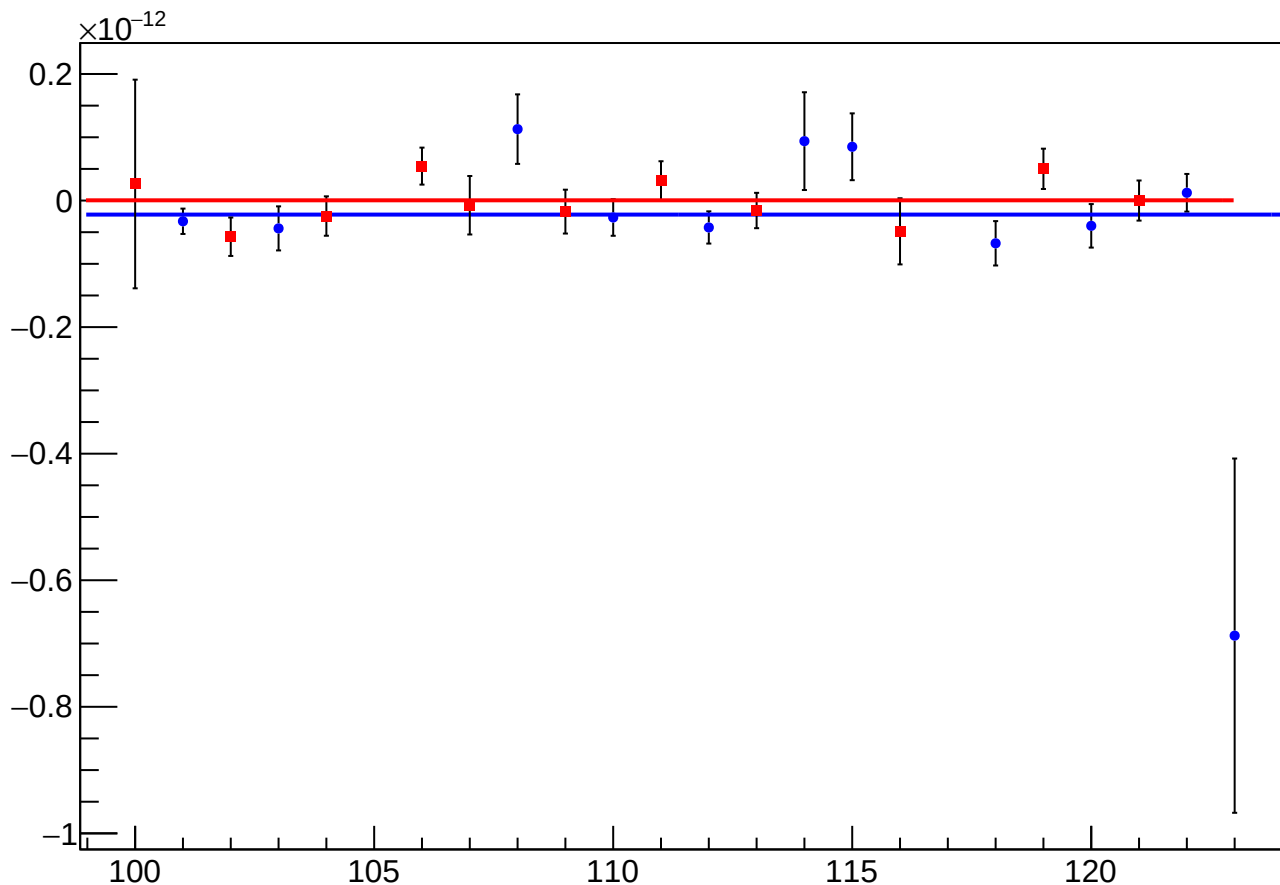
Right: 29.465+/-0.009 χ^2/NDF : 3033590.7/21

In: 31.024+/-0.013 χ^2/NDF : 954123.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.465+/-0.009 χ^2/NDF : 3033590.7/21

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

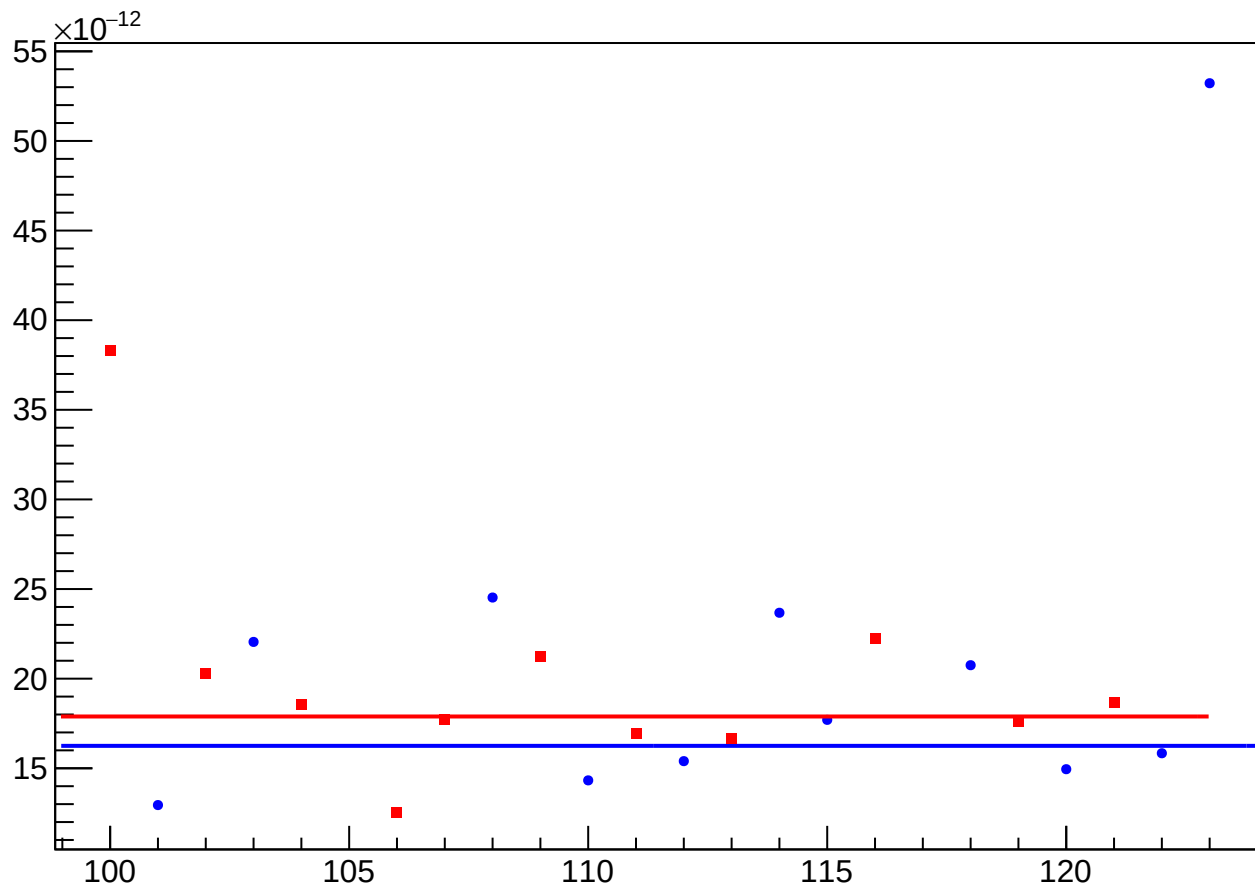
Right: -0.000+/-0.000 χ^2/NDF : 37.7/21

In: -0.000+/-0.000 χ^2/NDF : 22.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.7/21

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 257432.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 150699.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

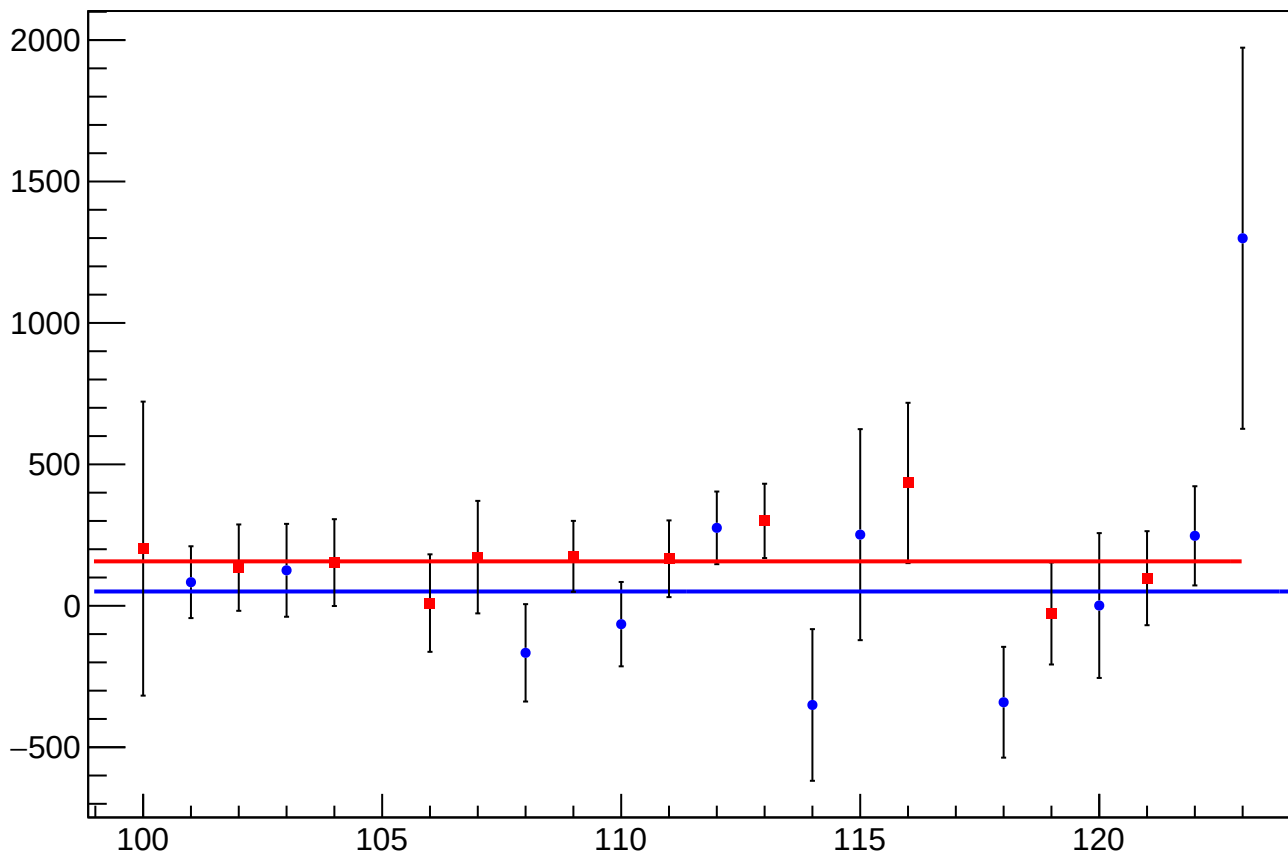
Right: 0.000+/-0.000 χ^2/NDF : 433648.3/21

In: 0.000+/-0.000 χ^2/NDF : 257432.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 433648.3/21

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 50.628+/-54.581 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.117+/-49.795 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

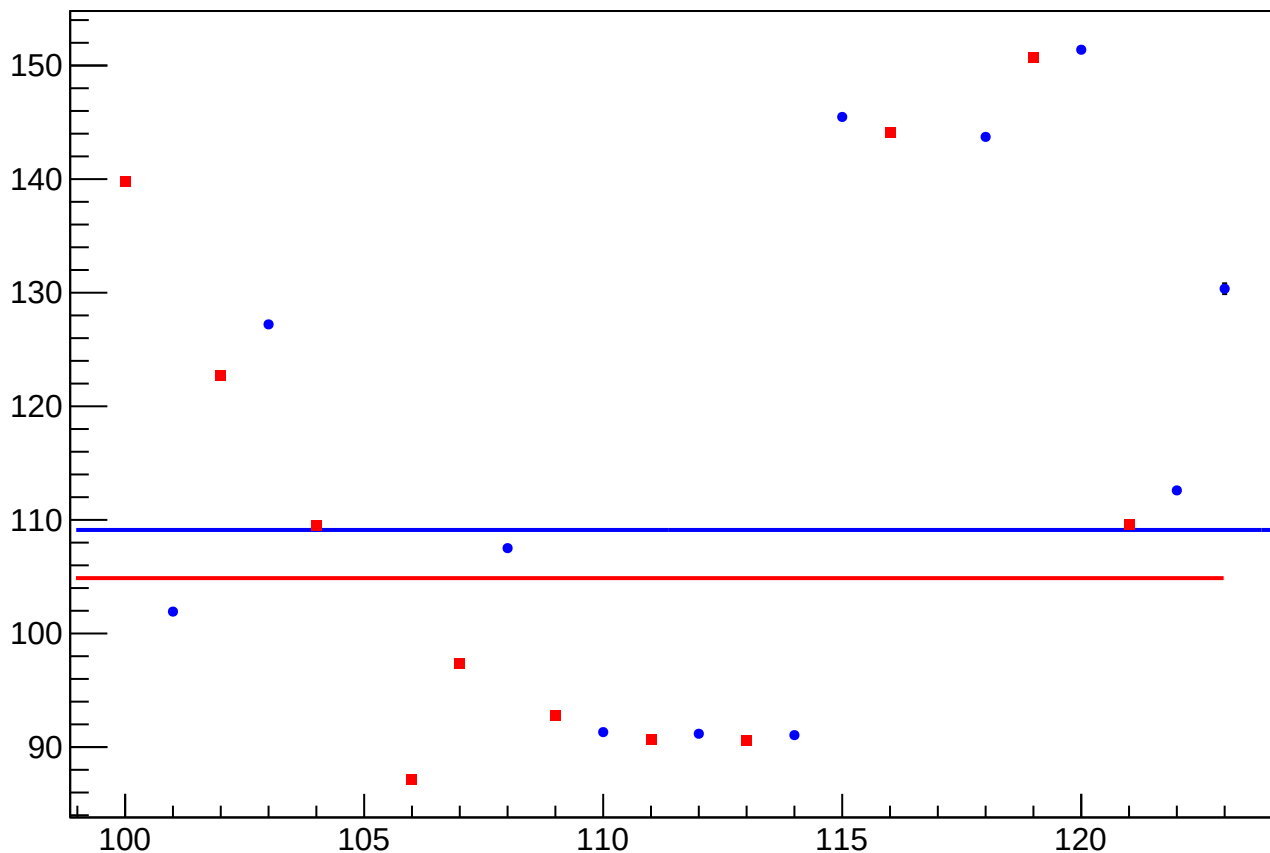
Right: 108.745+/-36.786 χ^2/NDF : 23.0/21

In: 50.628+/-54.581 χ^2/NDF :16.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.745+/-36.786 χ^2/NDF : 23.0/21

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.115+/-0.039 χ^2/NDF : 246236.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.875+/-0.035 χ^2/NDF : 295613.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

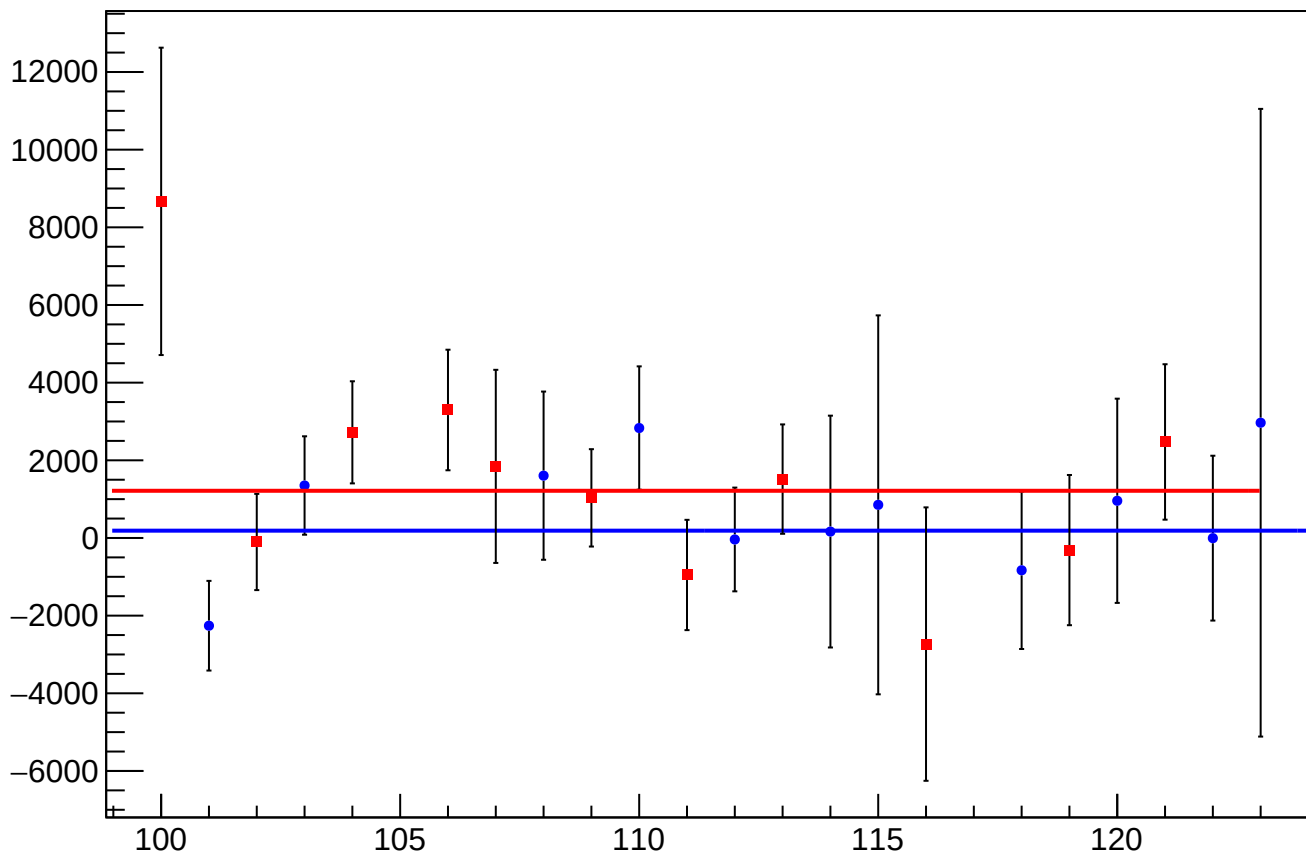
Right: 106.801+/-0.026 χ^2/NDF : 548437.2/21

In: 109.115+/-0.039 χ^2/NDF : 246236.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.801+/-0.026 χ^2/NDF : 548437.2/21

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 188.182 $\pm$ 548.643 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1215.299 $\pm$ 493.600 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

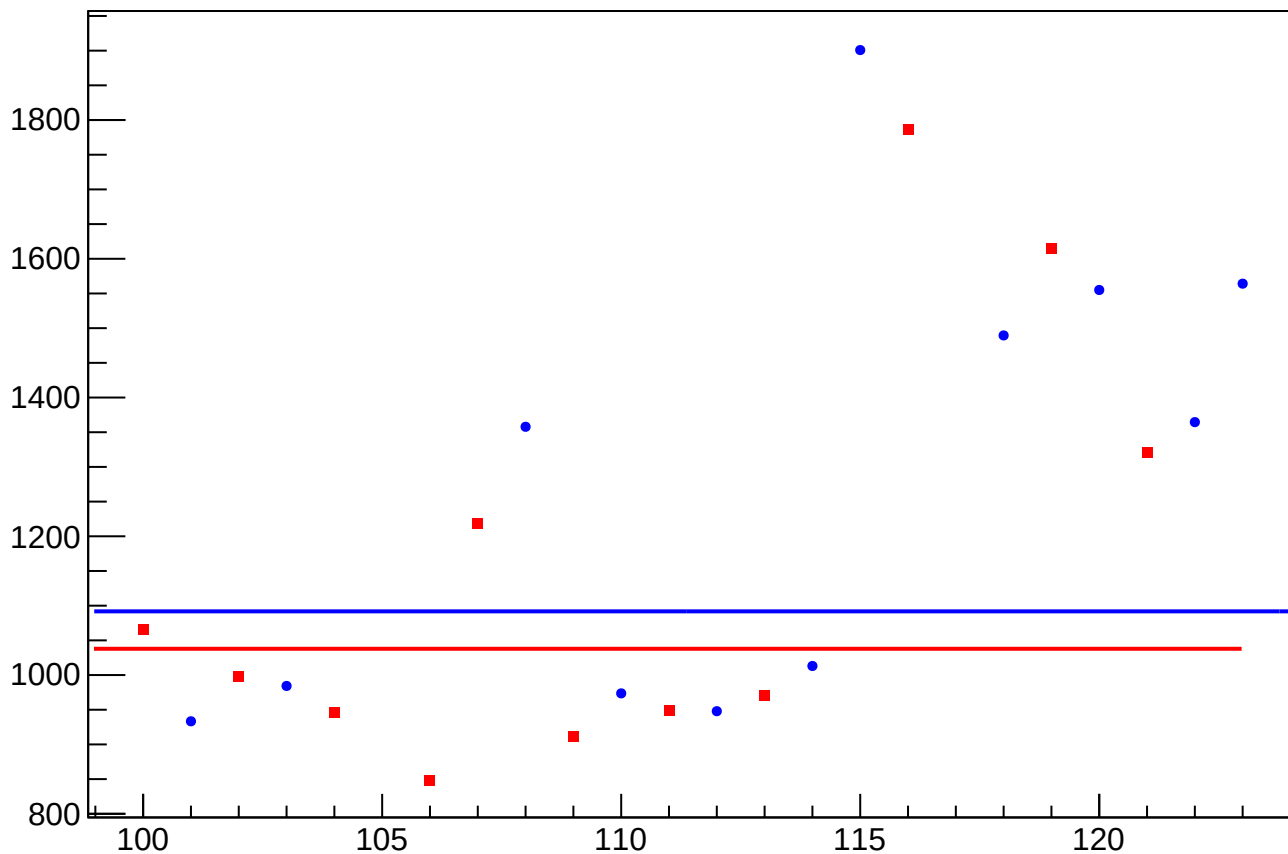
Right: 755.834 $\pm$ 366.949 χ^2 /NDF: 23.5/21

In: 188.182 $\pm$ 548.643 χ^2 /NDF:9.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 755.834 $\pm$ 366.949 χ^2 /NDF: 23.5/21

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1091.805+/-0.388 χ^2/NDF : 351735.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1037.874+/-0.349 χ^2/NDF : 393457.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

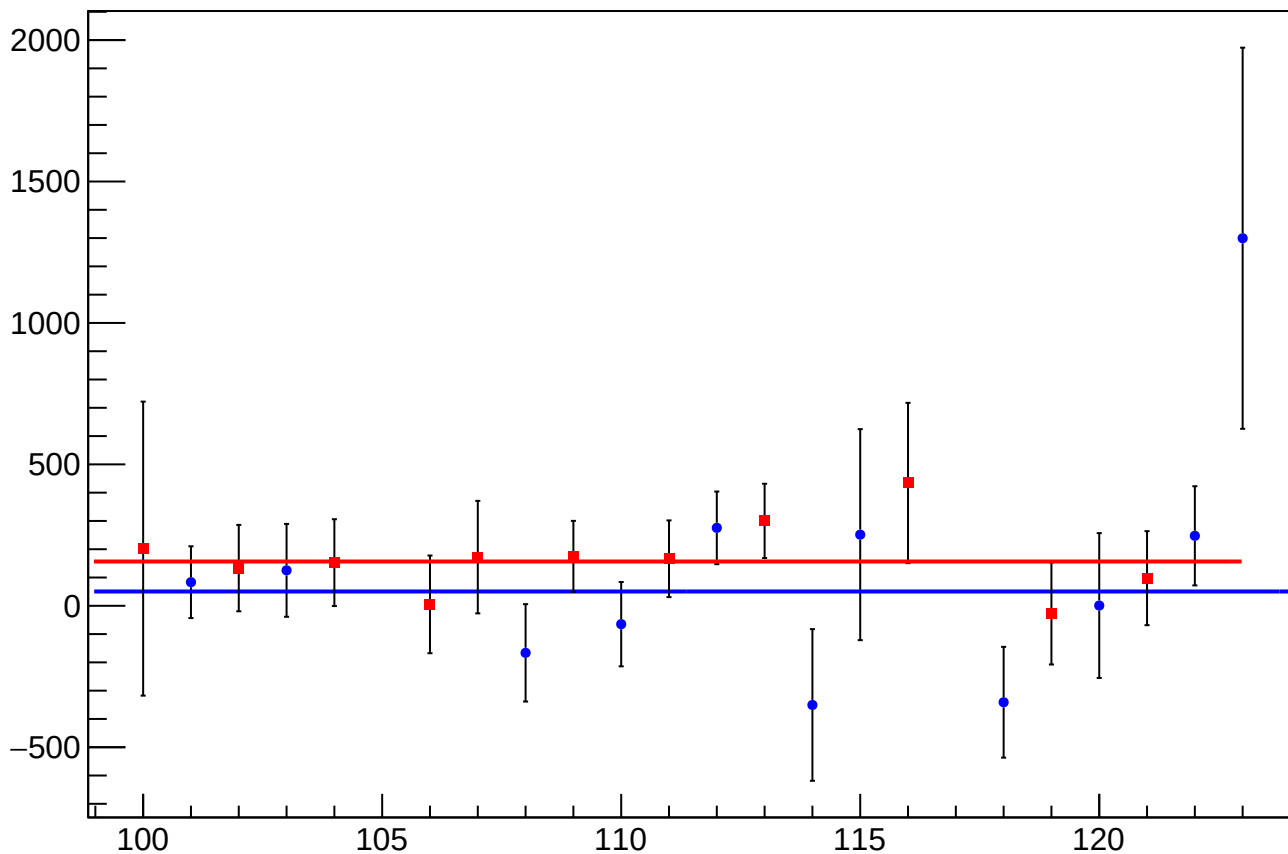
Right: 1061.999+/-0.259 χ^2/NDF : 755873.5/21

In: 1091.805+/-0.388 χ^2/NDF : 351735.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.999+/-0.259 χ^2/NDF : 755873.5/21

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 50.606+/-54.581 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 156.604+/-49.805 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

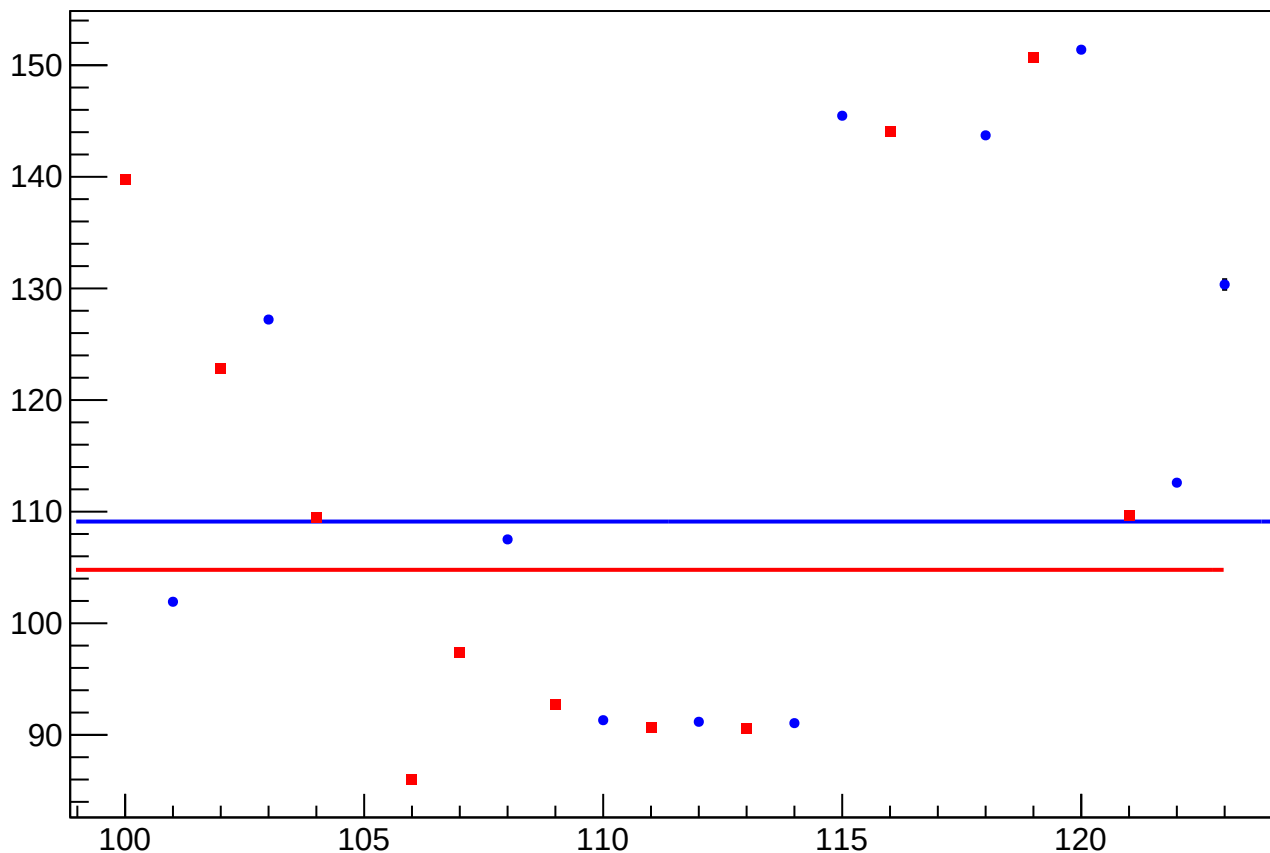
Right: 108.444+/-36.790 χ^2/NDF : 23.0/21

In: 50.606+/-54.581 χ^2/NDF :16.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.444+/-36.790 χ^2/NDF : 23.0/21

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.115+/-0.039 χ^2/NDF : 246237.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.789+/-0.035 χ^2/NDF : 298456.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

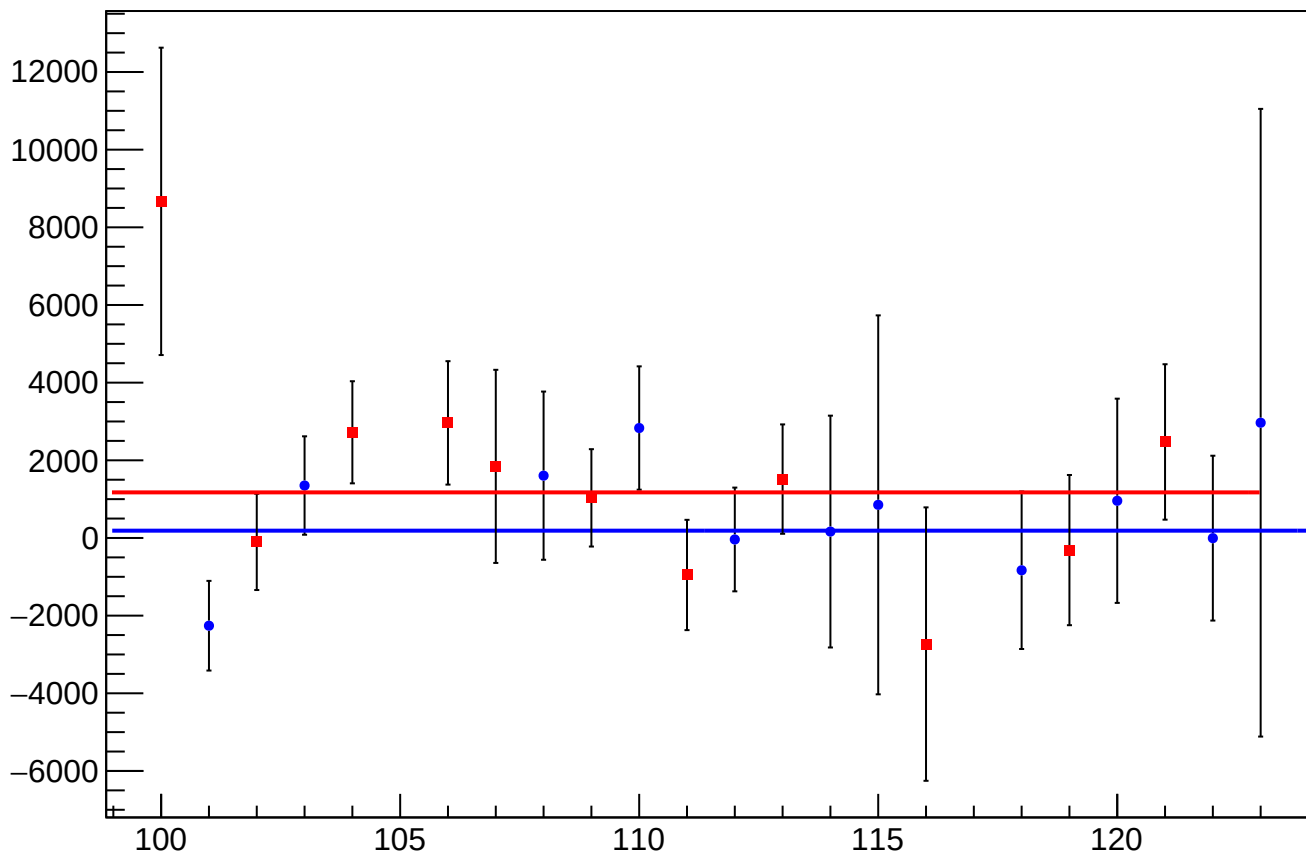
Right: 106.754+/-0.026 χ^2/NDF : 551550.3/21

In: 109.115+/-0.039 χ^2/NDF : 246237.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.754+/-0.026 χ^2/NDF : 551550.3/21

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.042+/-548.649 χ^2 /NDF: 9.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1174.075+/-494.772 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

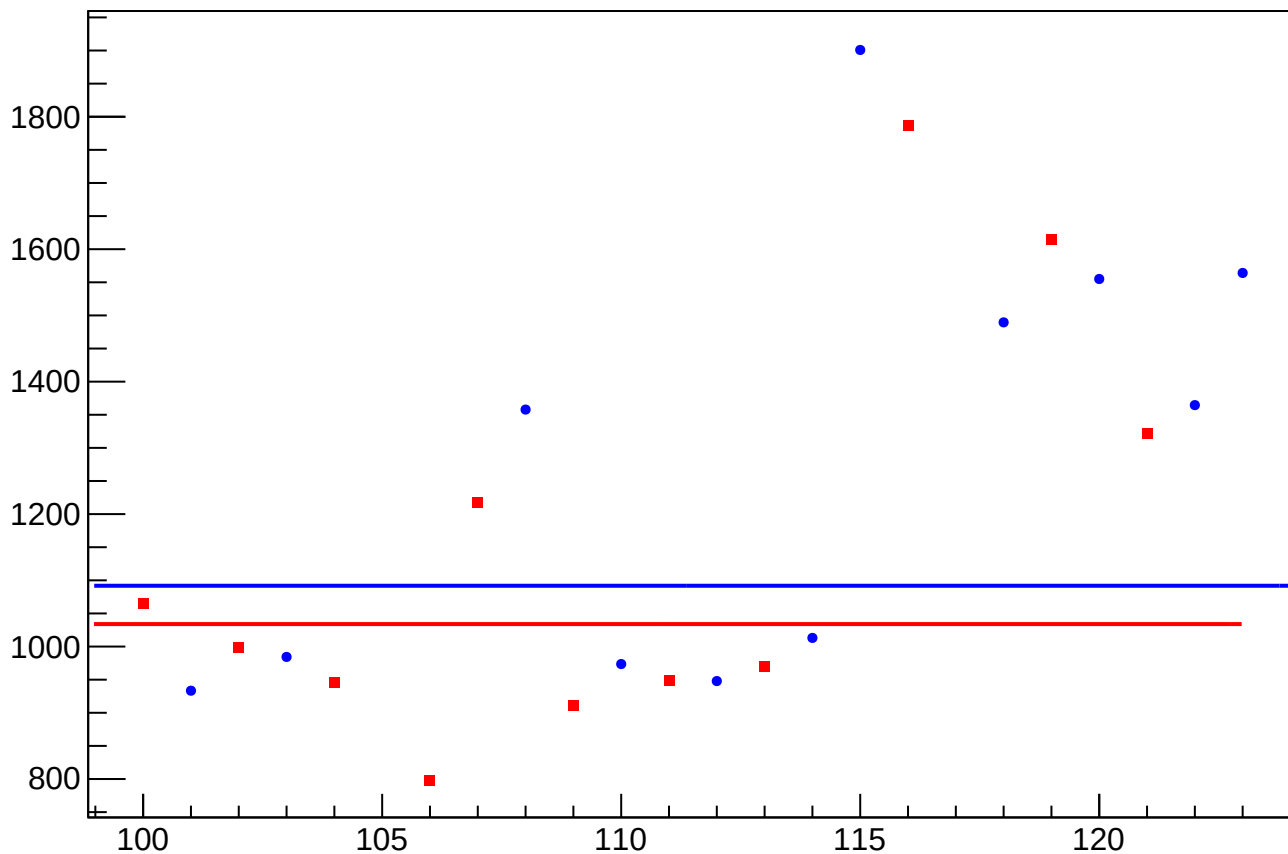
Right: 731.837+/-367.432 χ^2 /NDF: 22.8/21

In: 188.042+/-548.649 χ^2 /NDF:9.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 731.837+/-367.432 χ^2 /NDF: 22.8/21

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1091.819+/-0.388 χ^2/NDF : 351717.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1033.942+/-0.350 χ^2/NDF : 408982.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

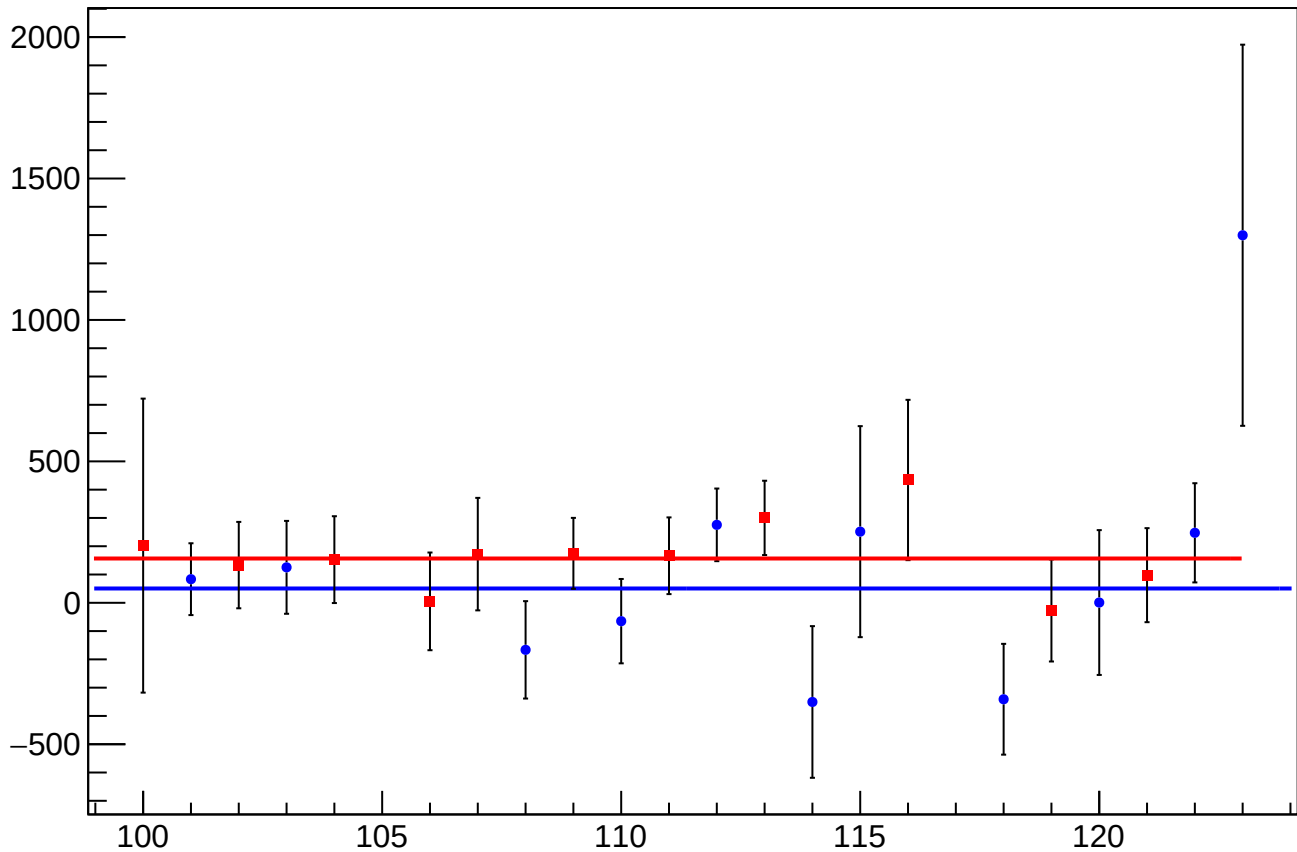
Right: 1059.900+/-0.260 χ^2/NDF : 772973.9/21

In: 1091.819+/-0.388 χ^2/NDF : 351717.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.900+/-0.260 χ^2/NDF : 772973.9/21

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 50.606+/-54.581 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.604+/-49.805 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

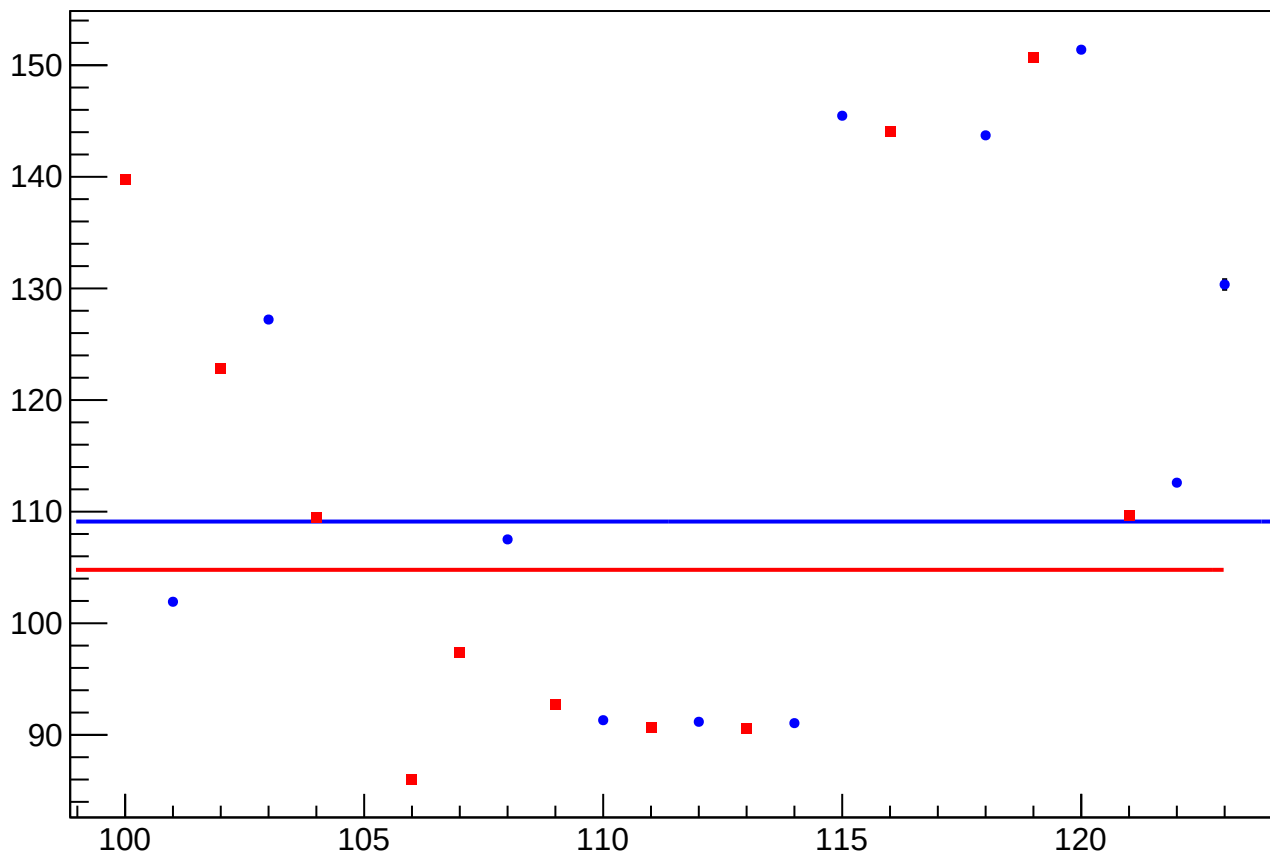
Right: 108.444+/-36.790 χ^2/NDF : 23.0/21

In: 50.606+/-54.581 χ^2/NDF : 16.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.444+/-36.790 χ^2/NDF : 23.0/21

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.115+/-0.039 χ^2/NDF : 246237.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.789+/-0.035 χ^2/NDF : 298456.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

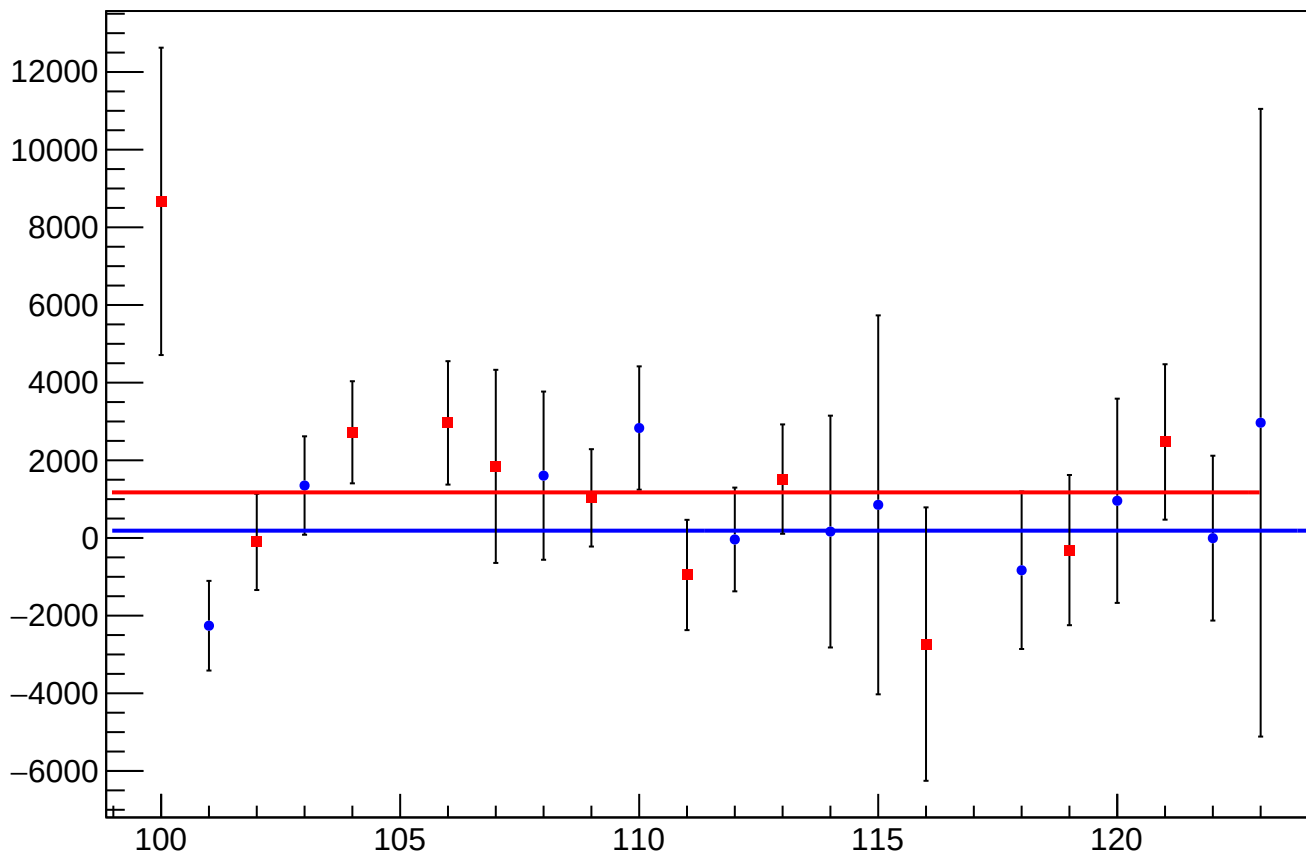
Right: 106.754+/-0.026 χ^2/NDF : 551550.3/21

In: 109.115+/-0.039 χ^2/NDF : 246237.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.754+/-0.026 χ^2/NDF : 551550.3/21

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.042+/-548.649 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.075+/-494.772 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

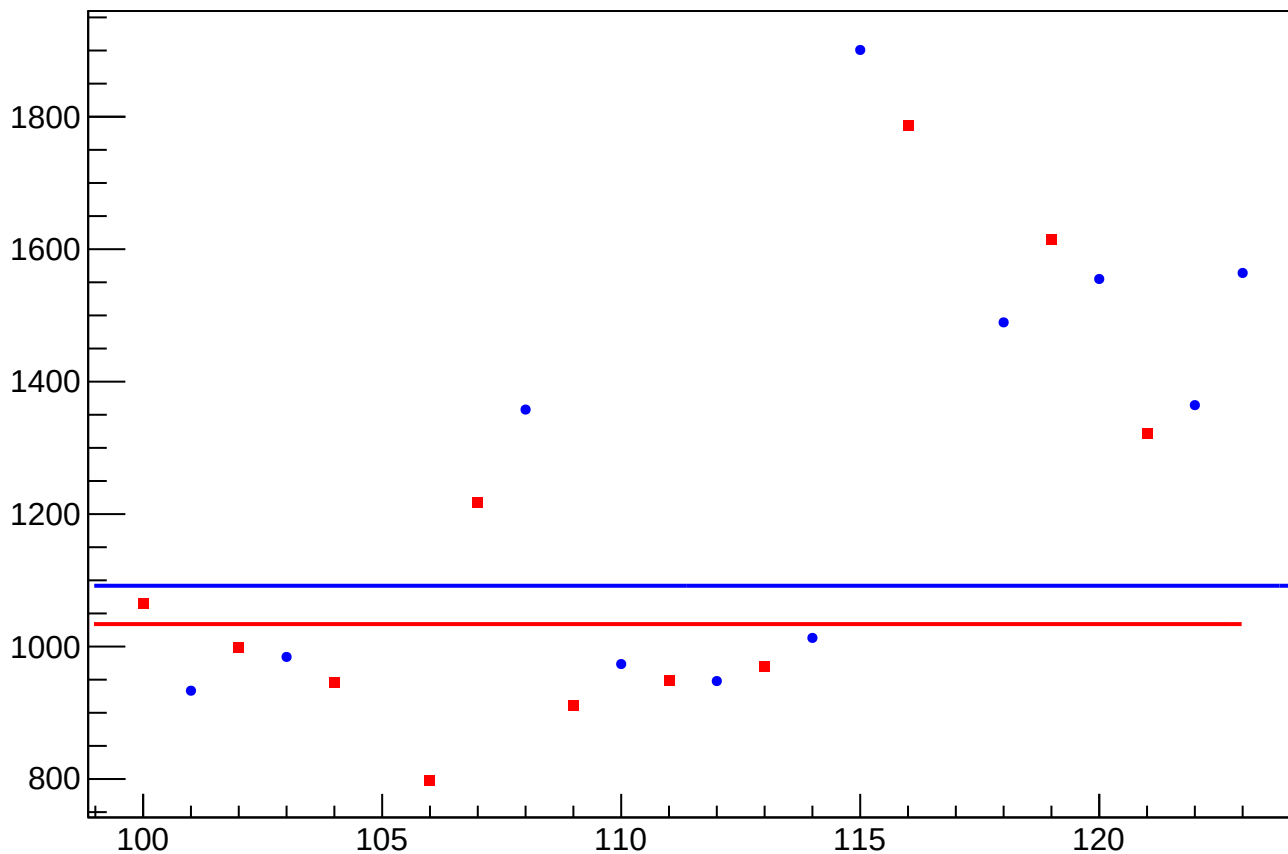
Right: 731.837+/-367.432 χ^2/NDF : 22.8/21

In: 188.042+/-548.649 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.837+/-367.432 χ^2/NDF : 22.8/21

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1091.819+/-0.388 χ^2/NDF : 351717.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1033.942+/-0.350 χ^2/NDF : 408982.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

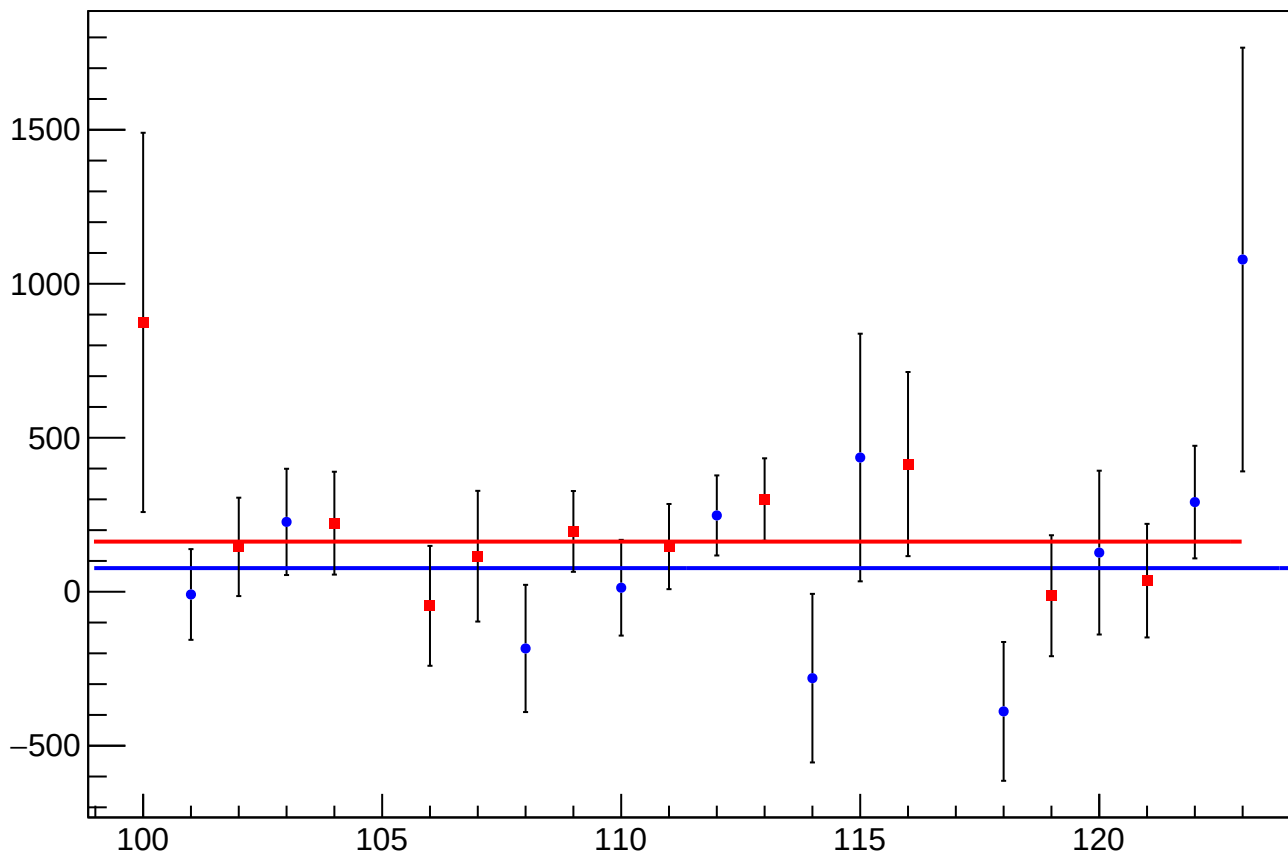
Right: 1059.900+/-0.260 χ^2/NDF : 772973.9/21

In: 1091.819+/-0.388 χ^2/NDF : 351717.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.900+/-0.260 χ^2/NDF : 772973.9/21

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 76.719+/-58.817 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.798+/-52.784 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

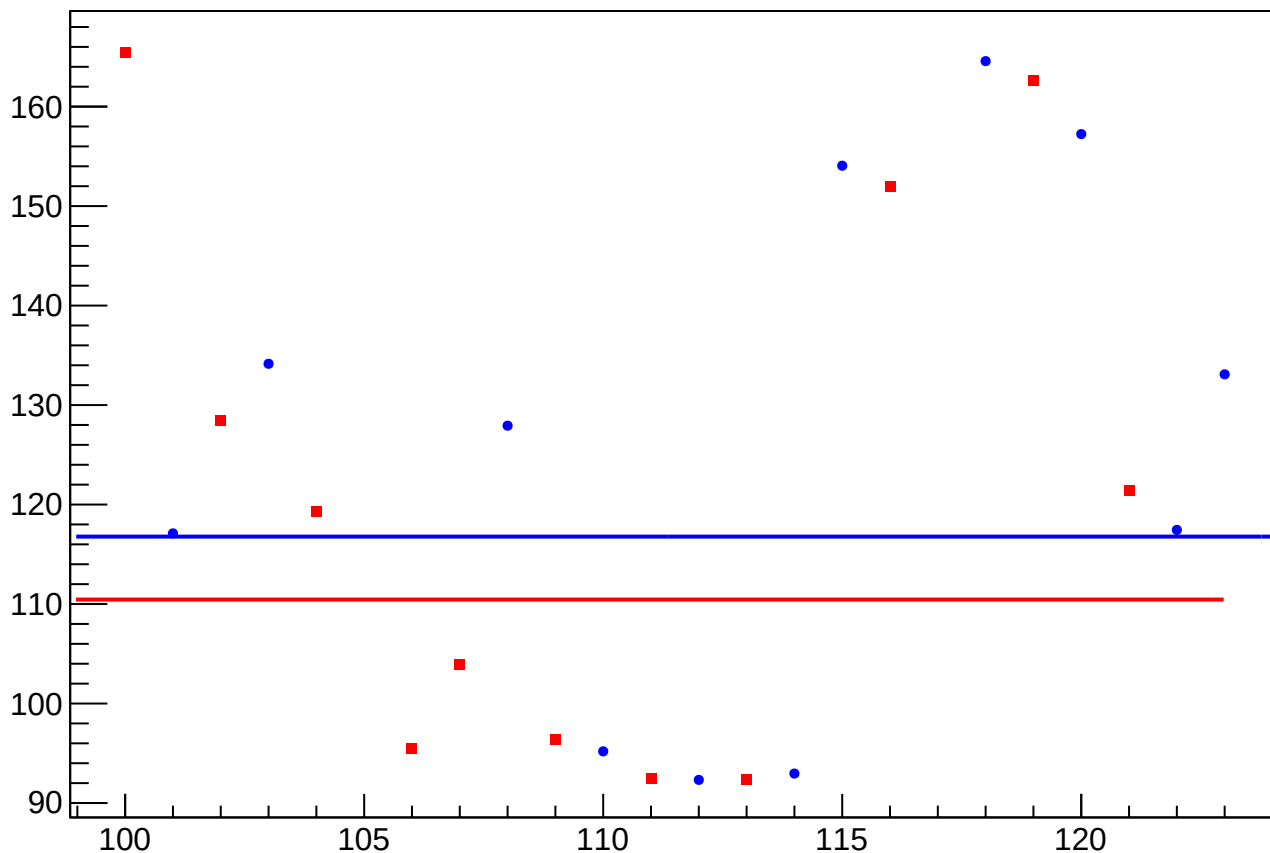
Right: 124.398+/-39.285 χ^2/NDF : 21.8/21

In: 76.719+/-58.817 χ^2/NDF : 14.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.398+/-39.285 χ^2/NDF : 21.8/21

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.779+/-0.042 χ^2/NDF : 305144.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.451+/-0.037 χ^2/NDF : 340749.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

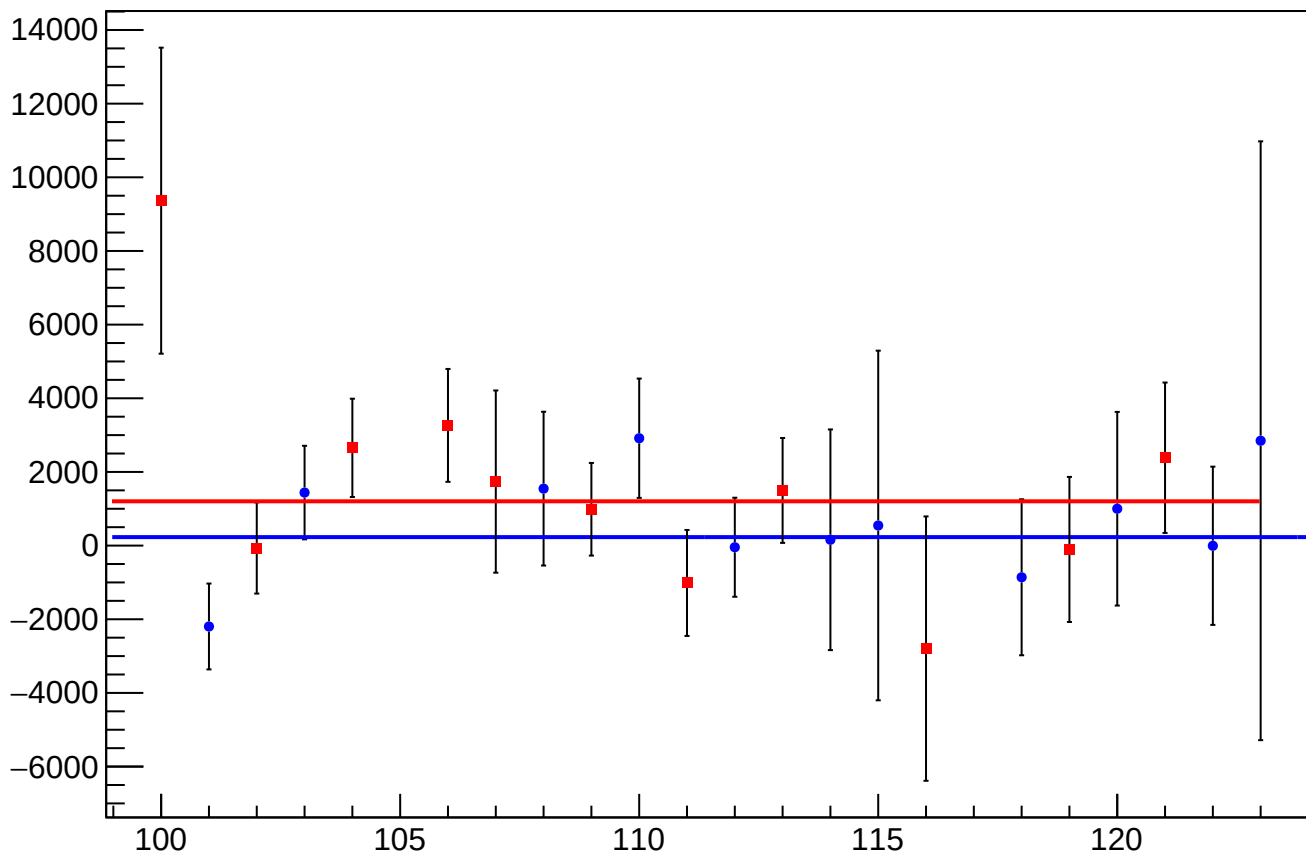
Right: 113.274+/-0.028 χ^2/NDF : 658715.6/21

In: 116.779+/-0.042 χ^2/NDF : 305144.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.274+/-0.028 χ^2/NDF : 658715.6/21

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 230.528+/-552.591 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.511+/-497.197 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

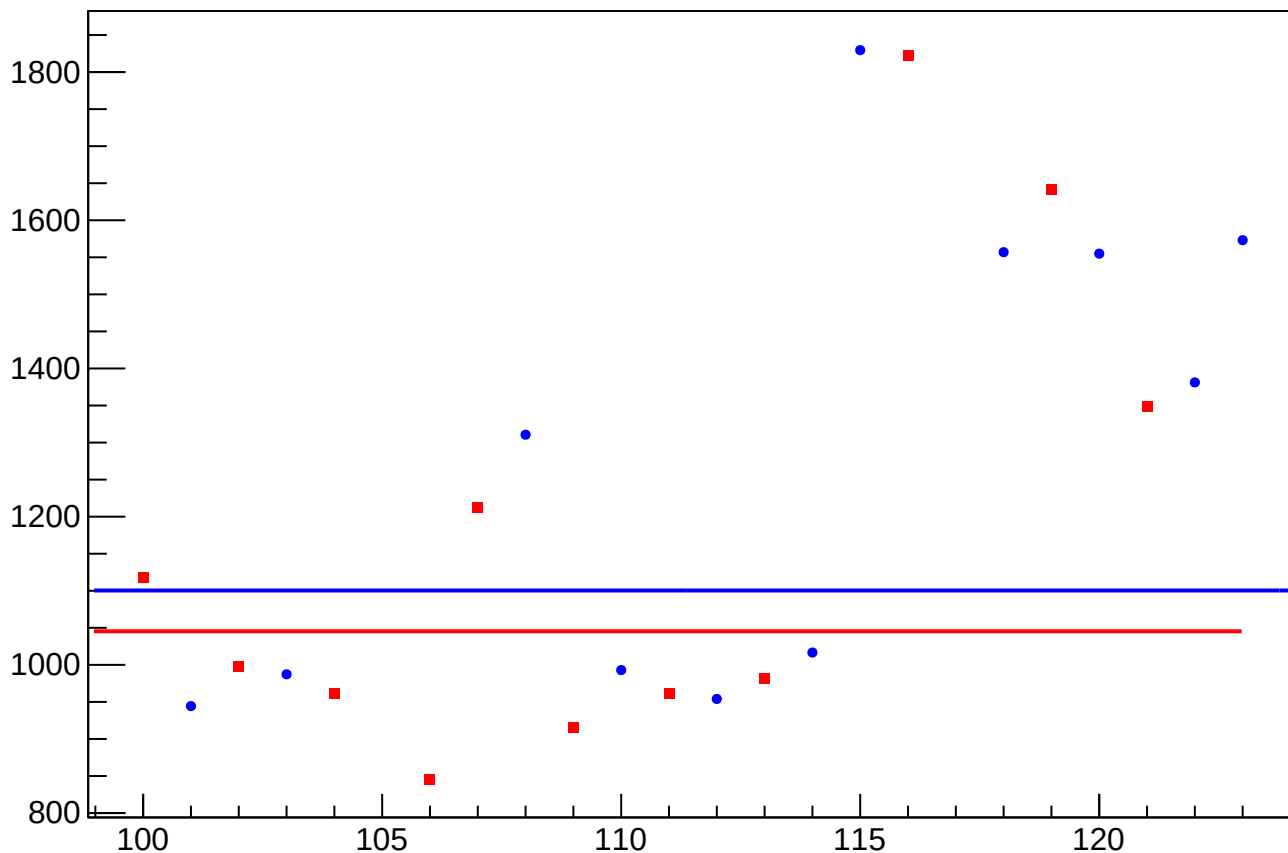
Right: 767.666+/-369.608 χ^2/NDF : 23.0/21

In: 230.528+/-552.591 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.666+/-369.608 χ^2/NDF : 23.0/21

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1100.364+/-0.391 χ^2/NDF : 346896.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.319+/-0.352 χ^2/NDF : 408339.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

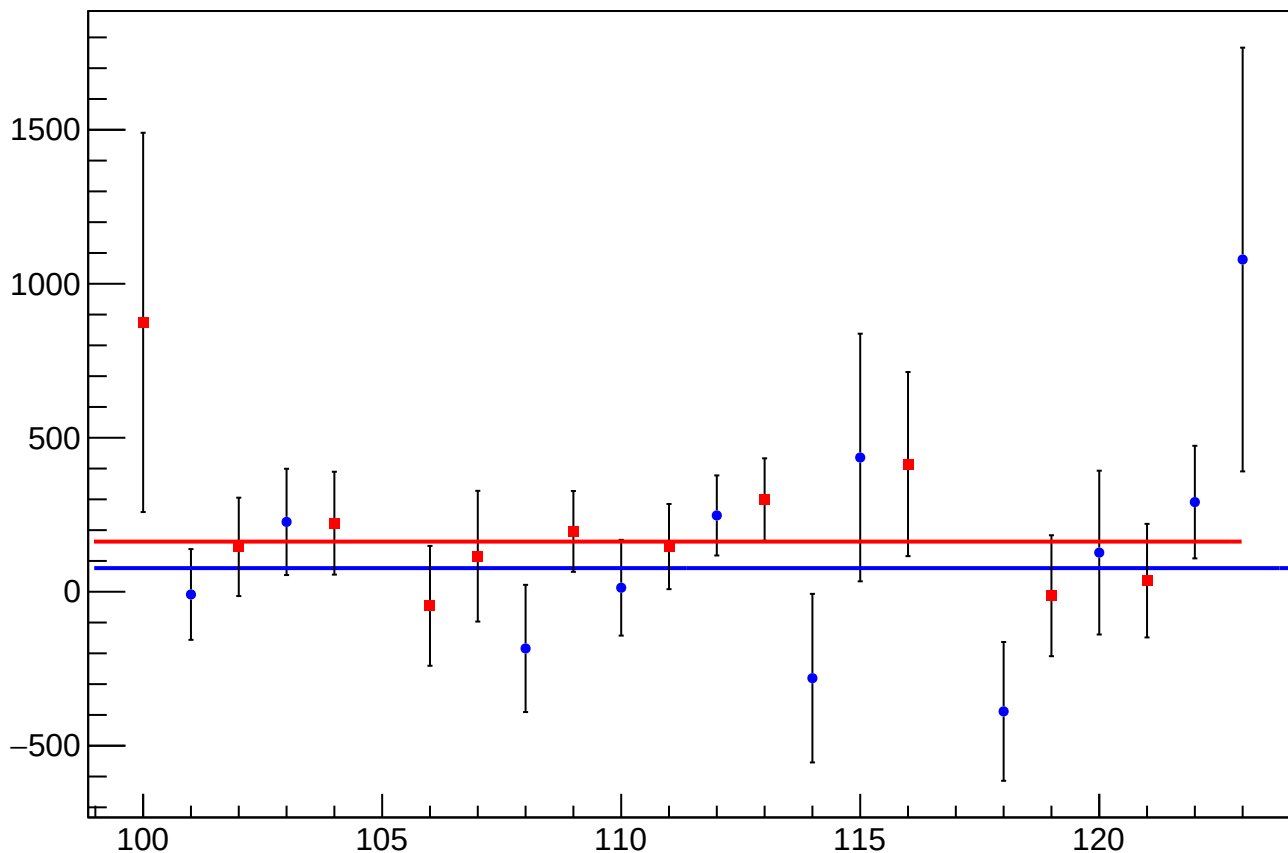
Right: 1069.945+/-0.261 χ^2/NDF : 766202.6/21

In: 1100.364+/-0.391 χ^2/NDF : 346896.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.945+/-0.261 χ^2/NDF : 766202.6/21

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 76.719+/-58.817 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.797+/-52.784 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

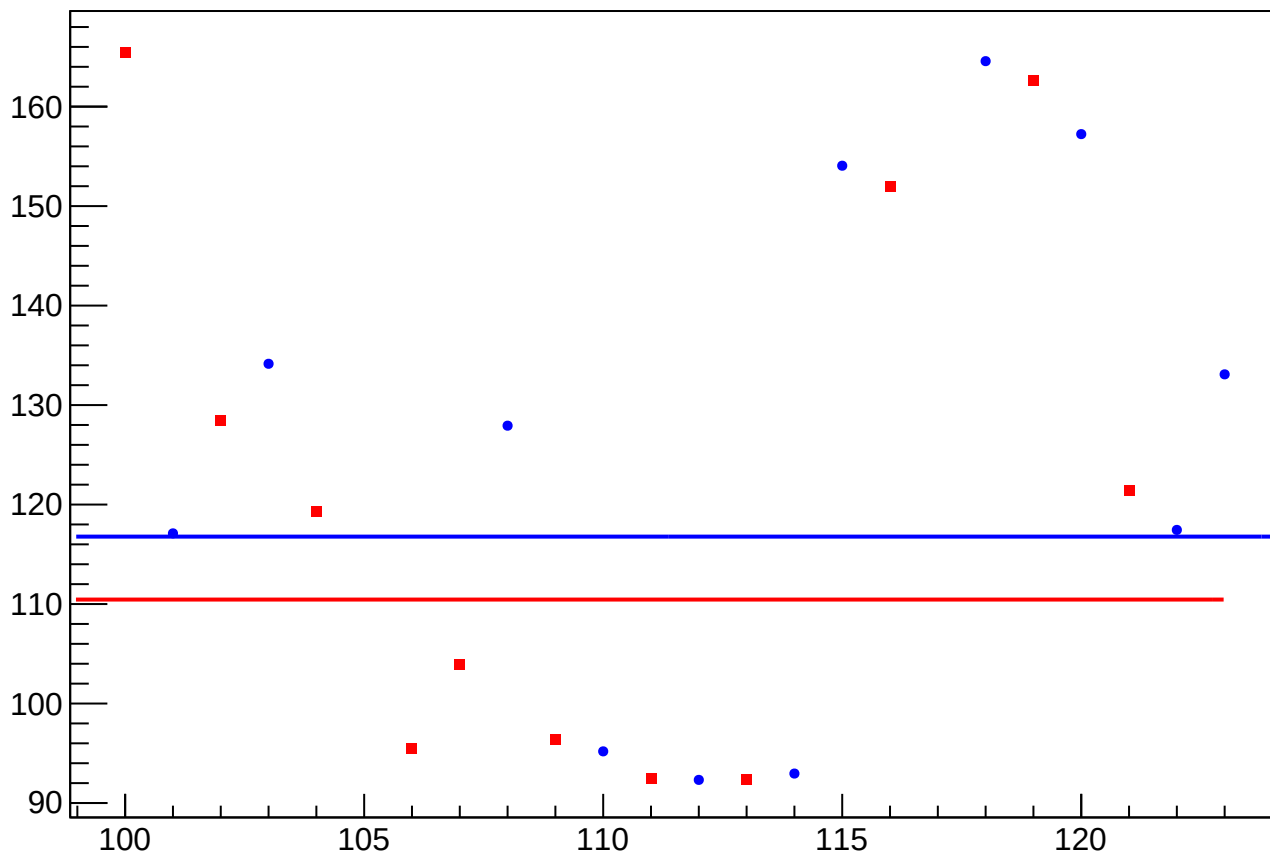
Right: 124.398+/-39.285 χ^2/NDF : 21.8/21

In: 76.719+/-58.817 χ^2/NDF : 14.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.398+/-39.285 χ^2/NDF : 21.8/21

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.779 $\pm$ 0.042 χ^2 /NDF: 305149.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.451 $\pm$ 0.037 χ^2 /NDF: 340750.6/10

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

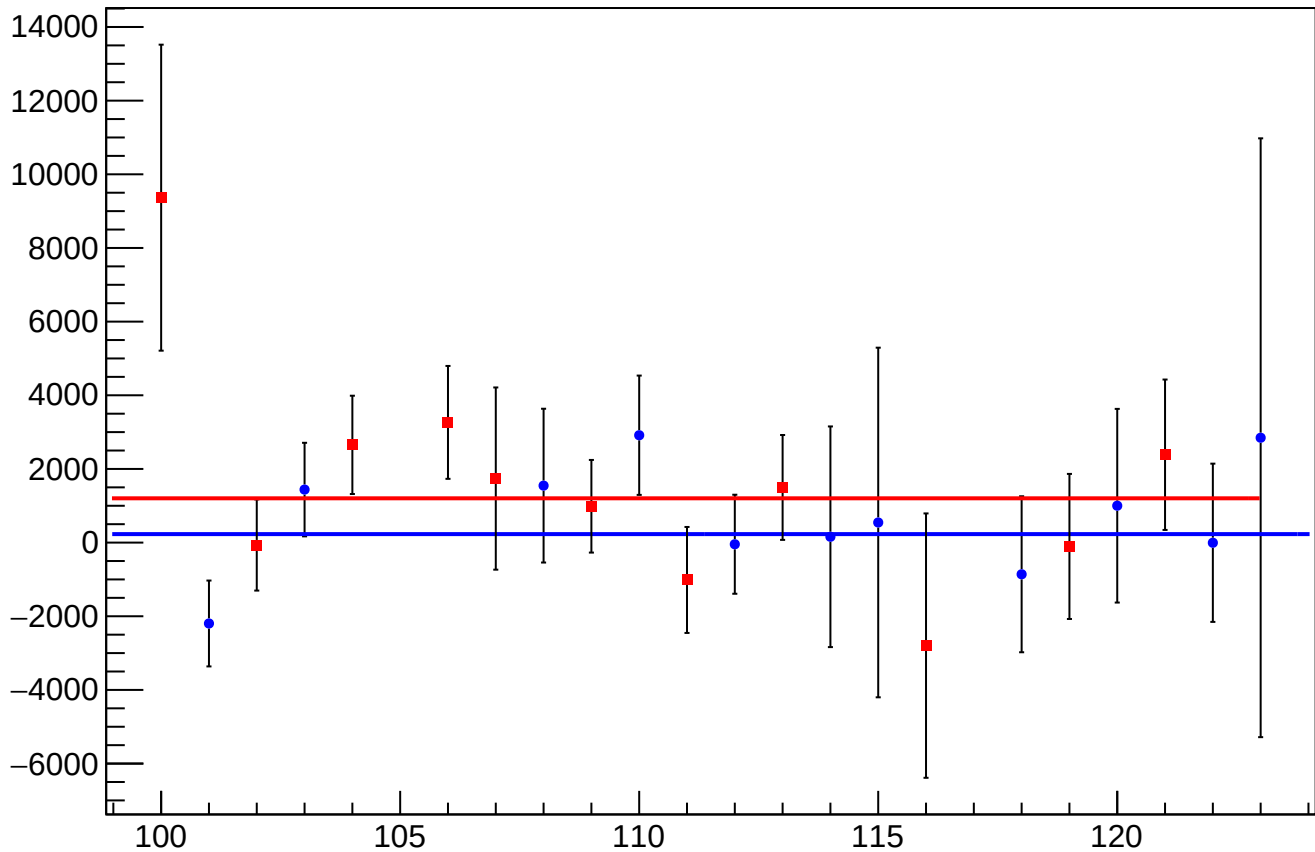
Right: 113.274 $\pm$ 0.028 χ^2 /NDF: 658721.3/21

In: 116.779 $\pm$ 0.042 χ^2 /NDF:305149.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.274 $\pm$ 0.028 χ^2 /NDF: 658721.3/21

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 230.529+/-552.591 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.510+/-497.197 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

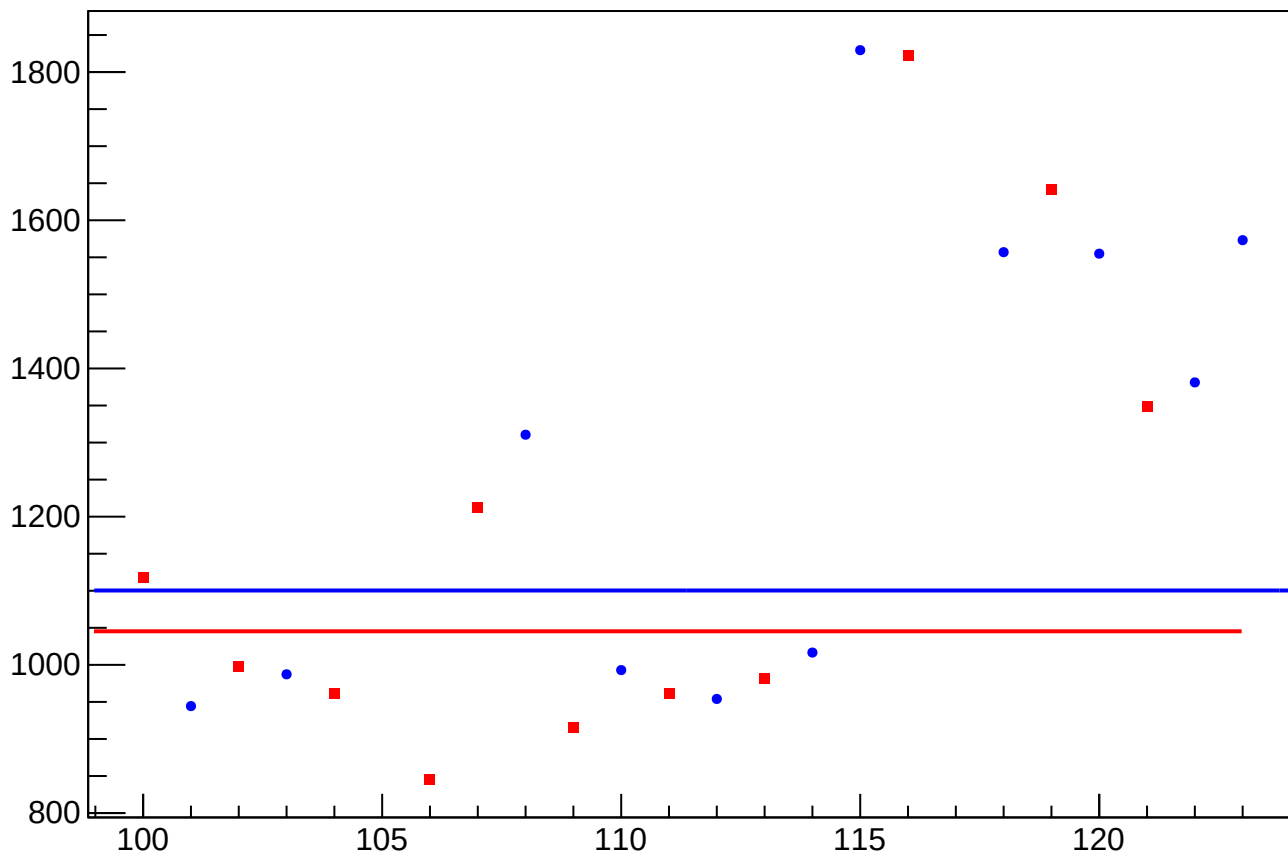
Right: 767.666+/-369.608 χ^2/NDF : 23.0/21

In: 230.529+/-552.591 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.666+/-369.608 χ^2/NDF : 23.0/21

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1100.364+/-0.391 χ^2/NDF : 346896.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.318+/-0.352 χ^2/NDF : 408340.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

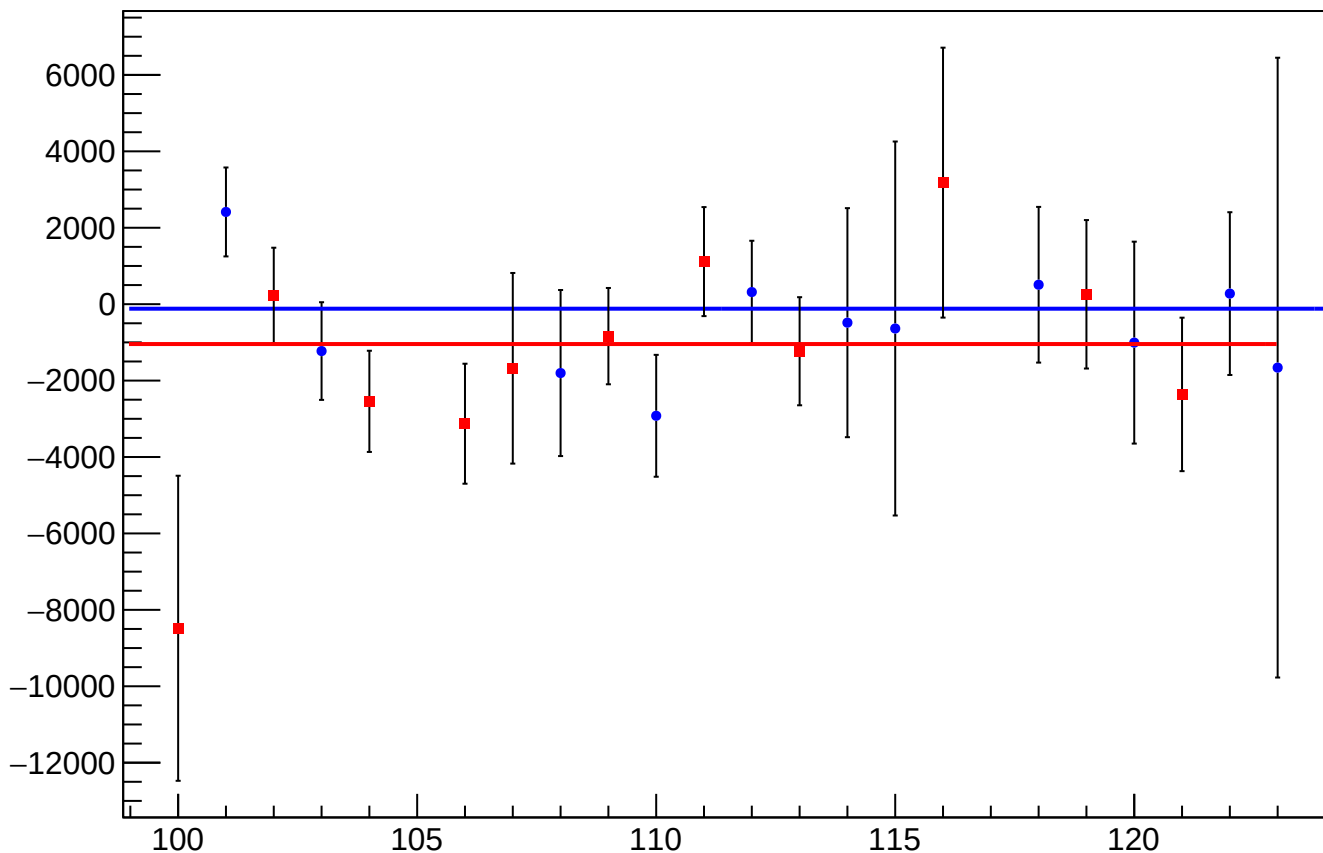
Right: 1069.945+/-0.261 χ^2/NDF : 766203.9/21

In: 1100.364+/-0.391 χ^2/NDF : 346896.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.945+/-0.261 χ^2/NDF : 766203.9/21

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -118.398+/-551.842 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1043.459+/-496.628 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

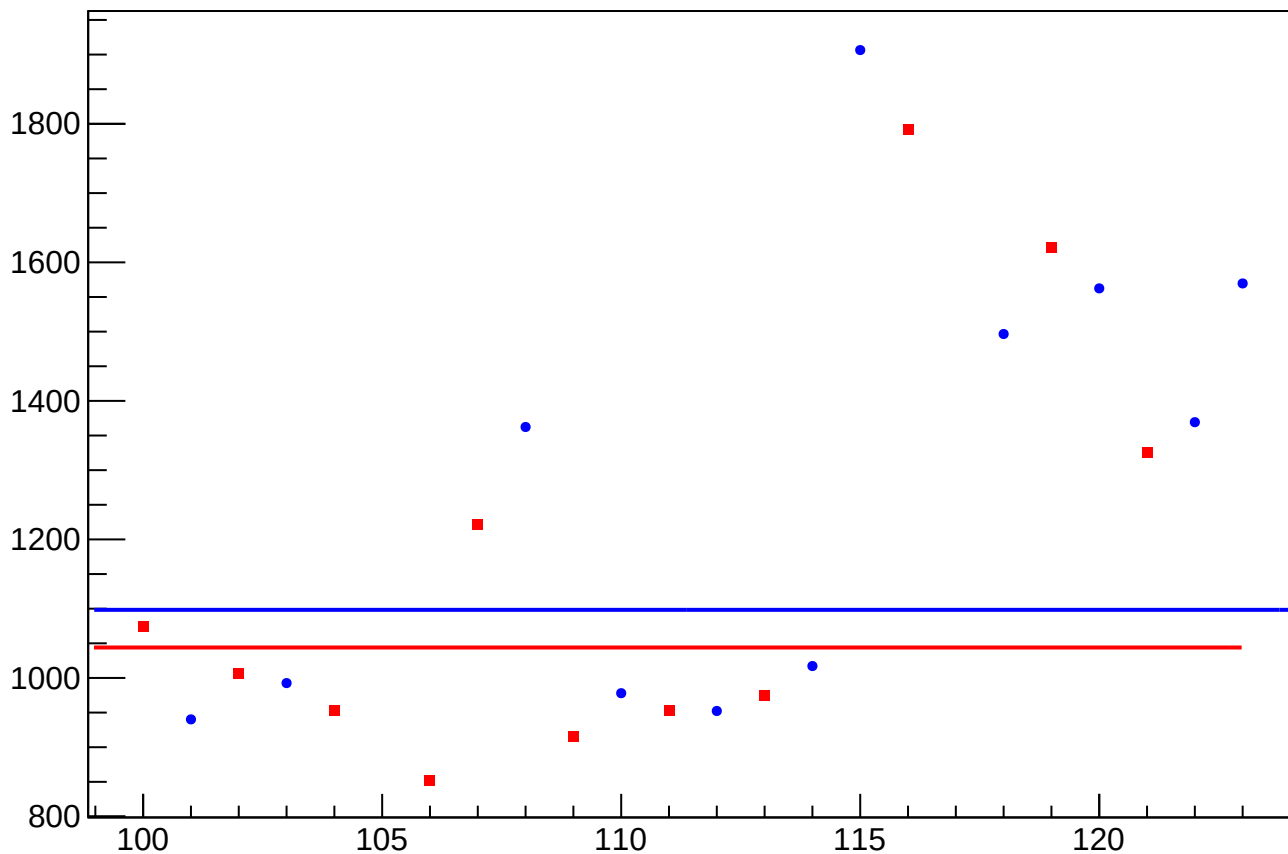
Right: -629.509+/-369.151 χ^2/NDF : 23.4/21

In: -118.398+/-551.842 χ^2/NDF : 9.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.509+/-369.151 χ^2/NDF : 23.4/21

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1098.331+/-0.390 χ^2/NDF : 348431.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.955+/-0.351 χ^2/NDF : 390976.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

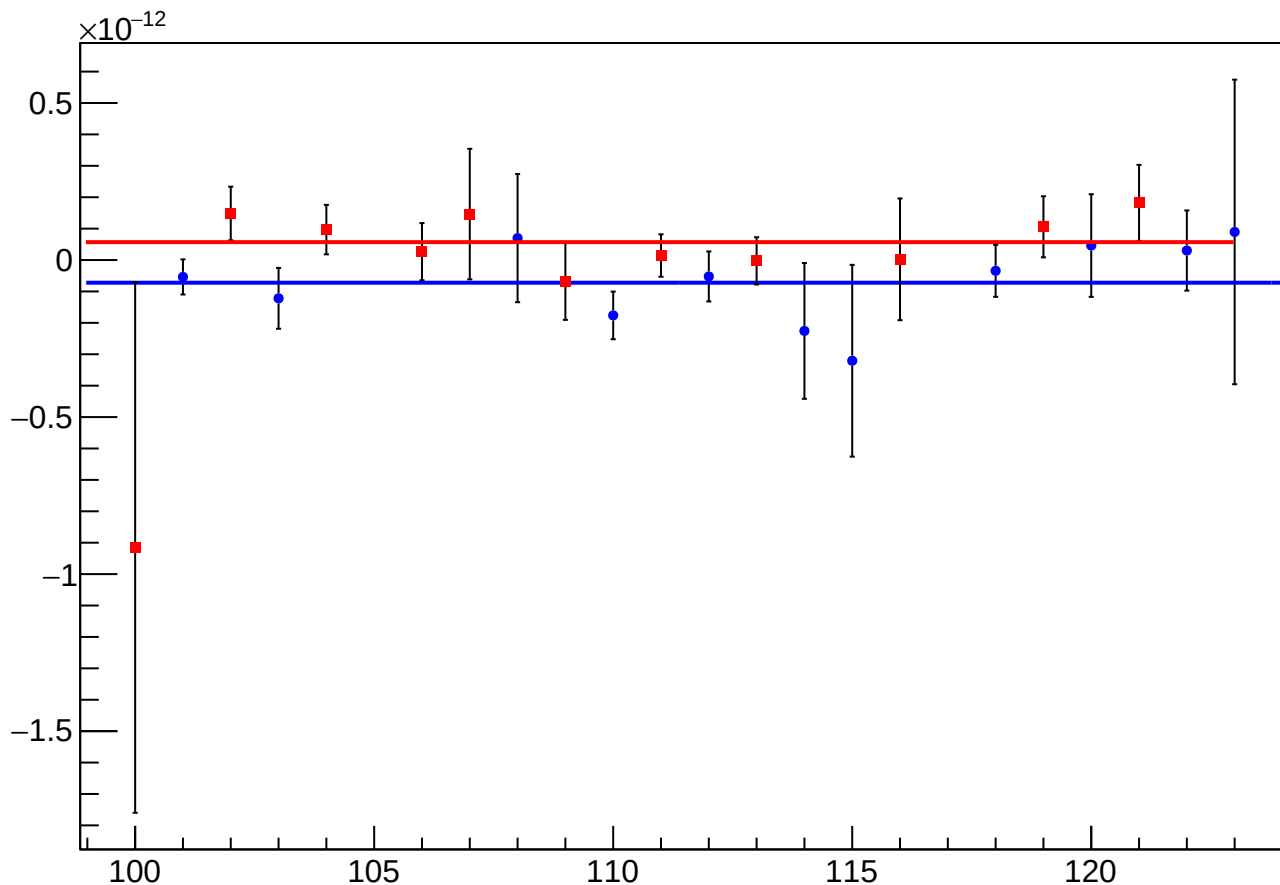
Right: 1068.287+/-0.261 χ^2/NDF : 750137.3/21

In: 1098.331+/-0.390 χ^2/NDF : 348431.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.287+/-0.261 χ^2/NDF : 750137.3/21

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.5/10

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

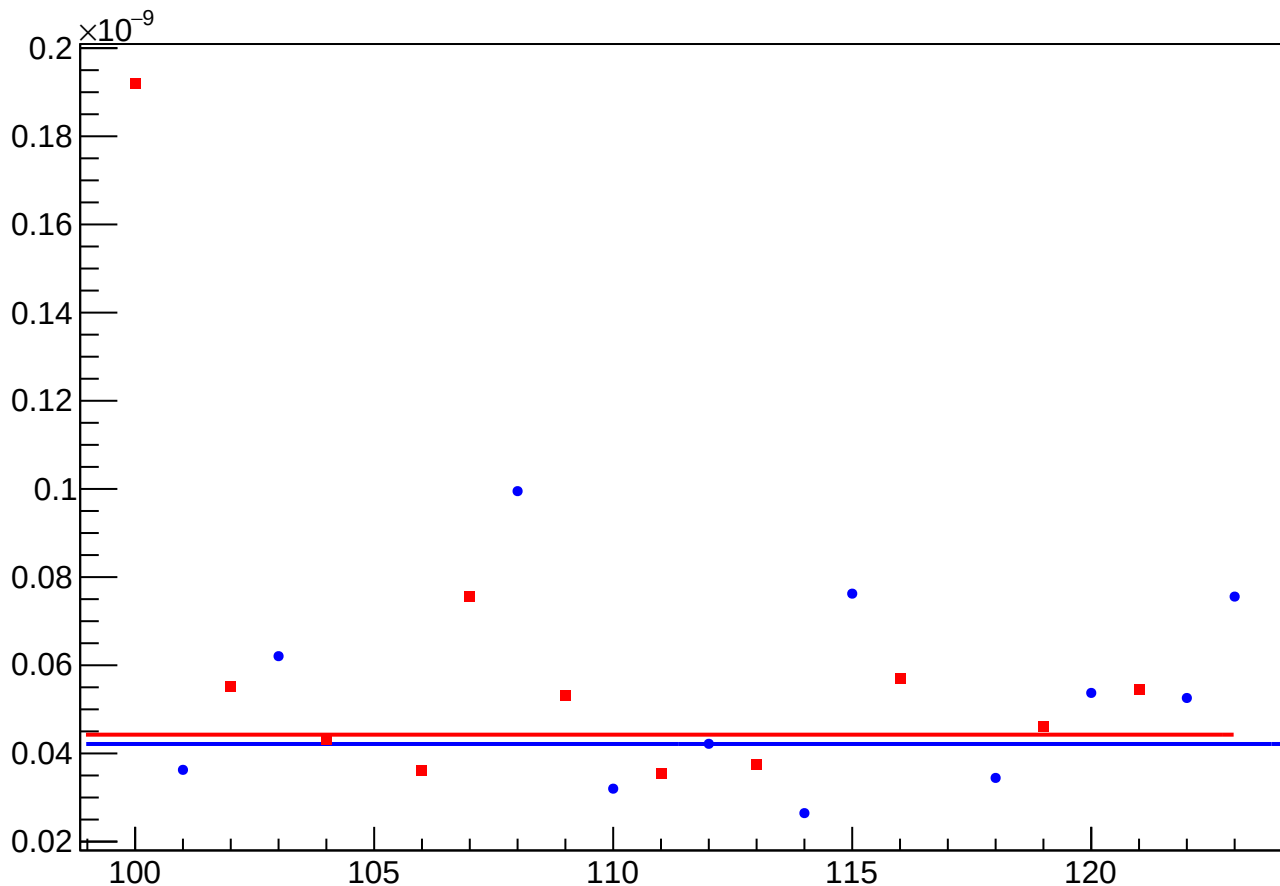
Right: -0.000+/-0.000 χ^2 /NDF: 21.0/21

In: -0.000+/-0.000 χ^2 /NDF:5.5/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.0/21

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 386019.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240465.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

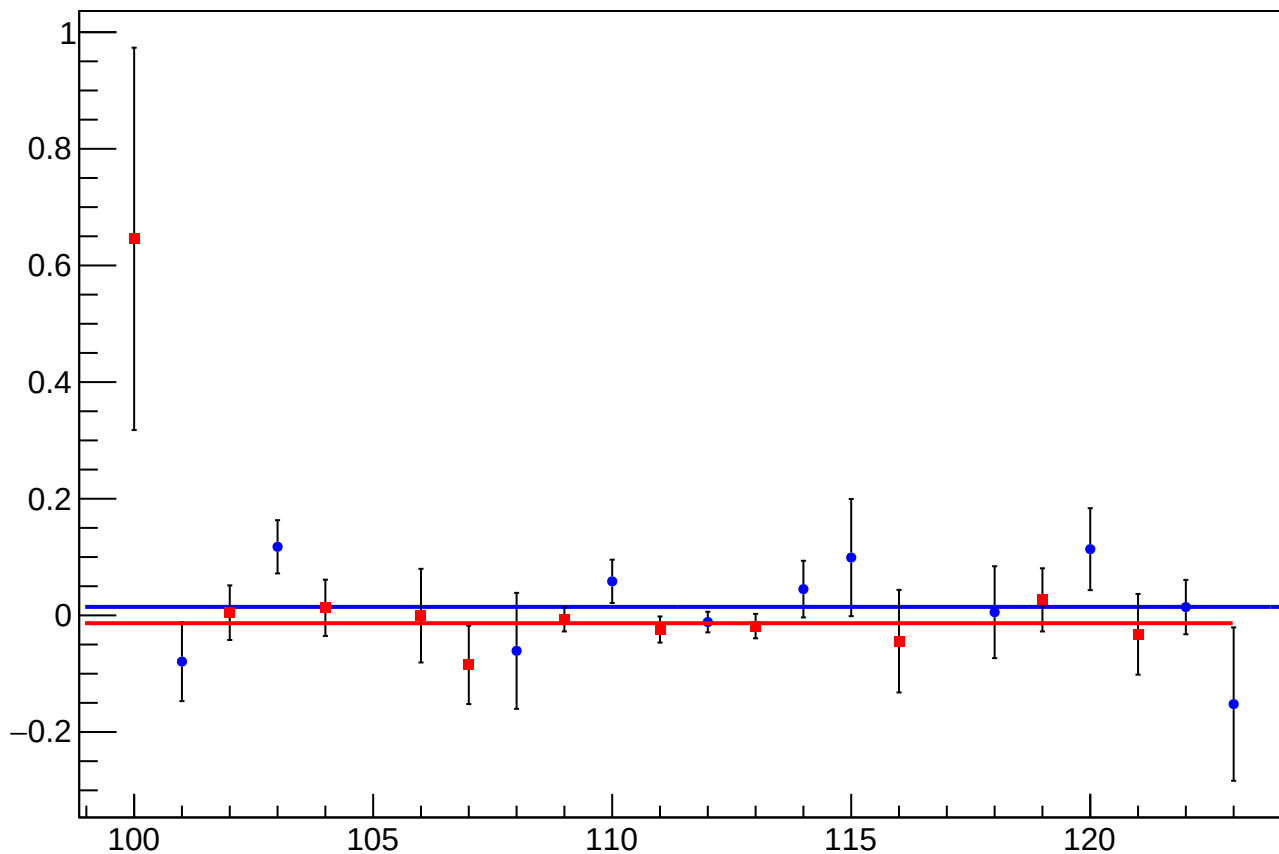
Right: 0.000+/-0.000 χ^2/NDF : 631331.8/21

In: 0.000+/-0.000 χ^2/NDF : 386019.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 631331.8/21

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.013 χ^2/NDF : 15.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.011 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

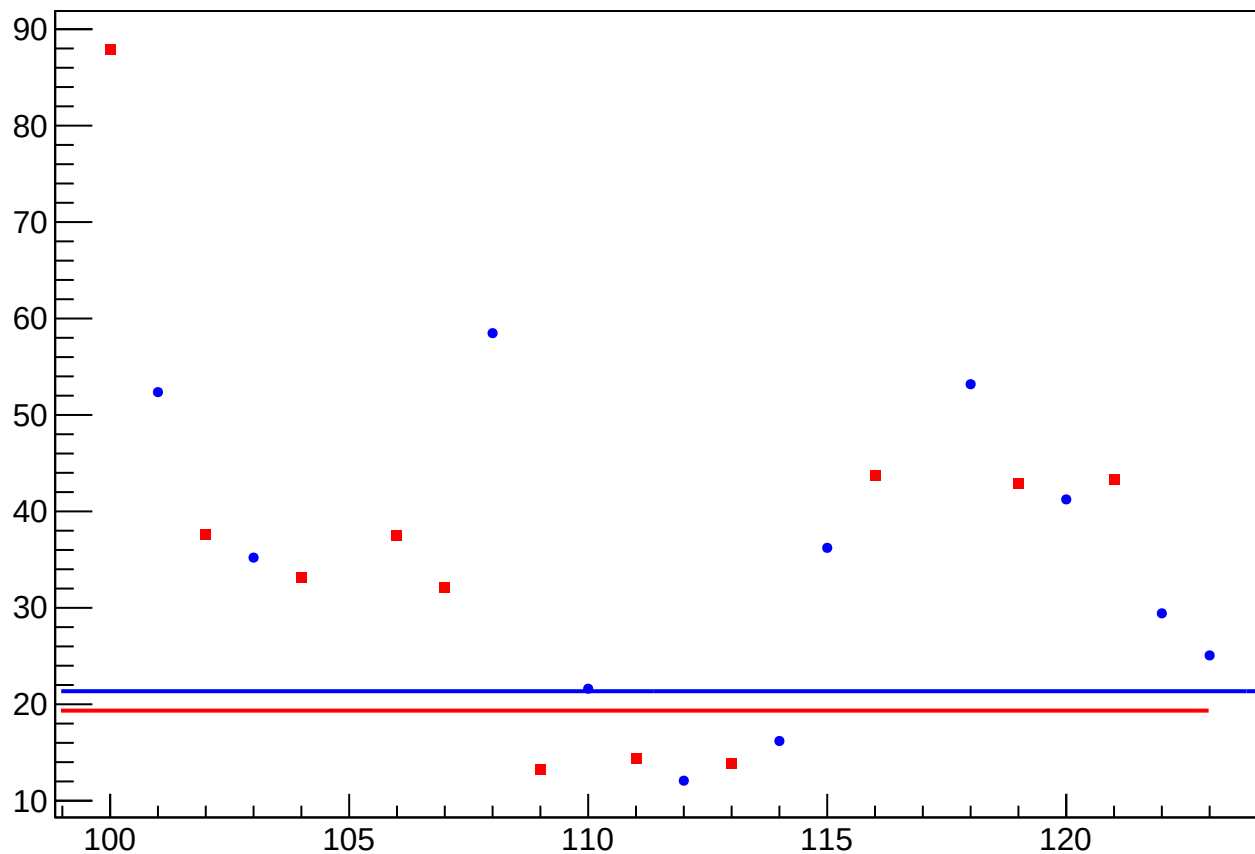
Right: -0.002+/-0.008 χ^2/NDF : 25.4/21

In: 0.015+/-0.013 χ^2/NDF : 15.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 25.4/21

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.355+/-0.009 χ^2/NDF : 2047789.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.342+/-0.008 χ^2/NDF : 1915183.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

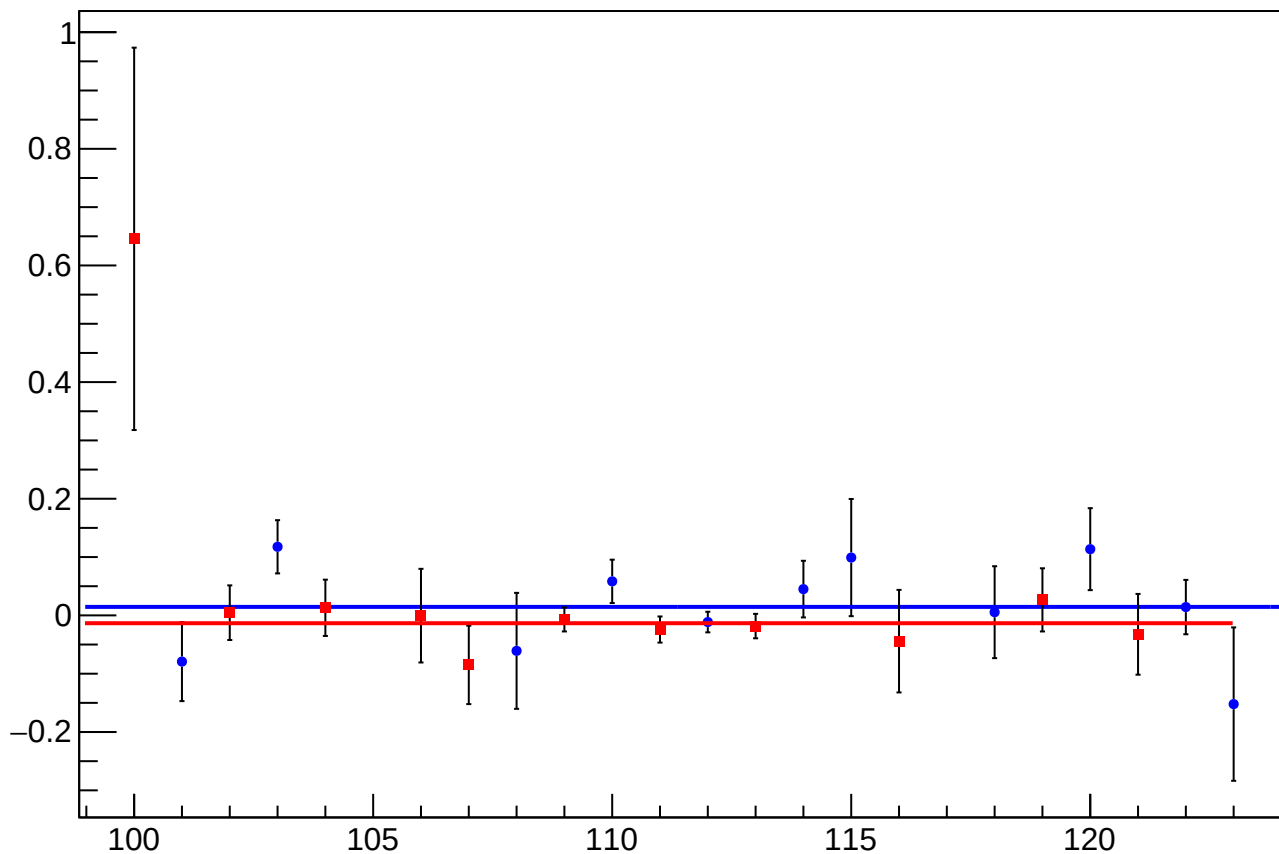
Right: 20.181+/-0.006 χ^2/NDF : 3991958.5/21

In: 21.355+/-0.009 χ^2/NDF : 2047789.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.181+/-0.006 χ^2/NDF : 3991958.5/21

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.013 χ^2/NDF : 15.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.011 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

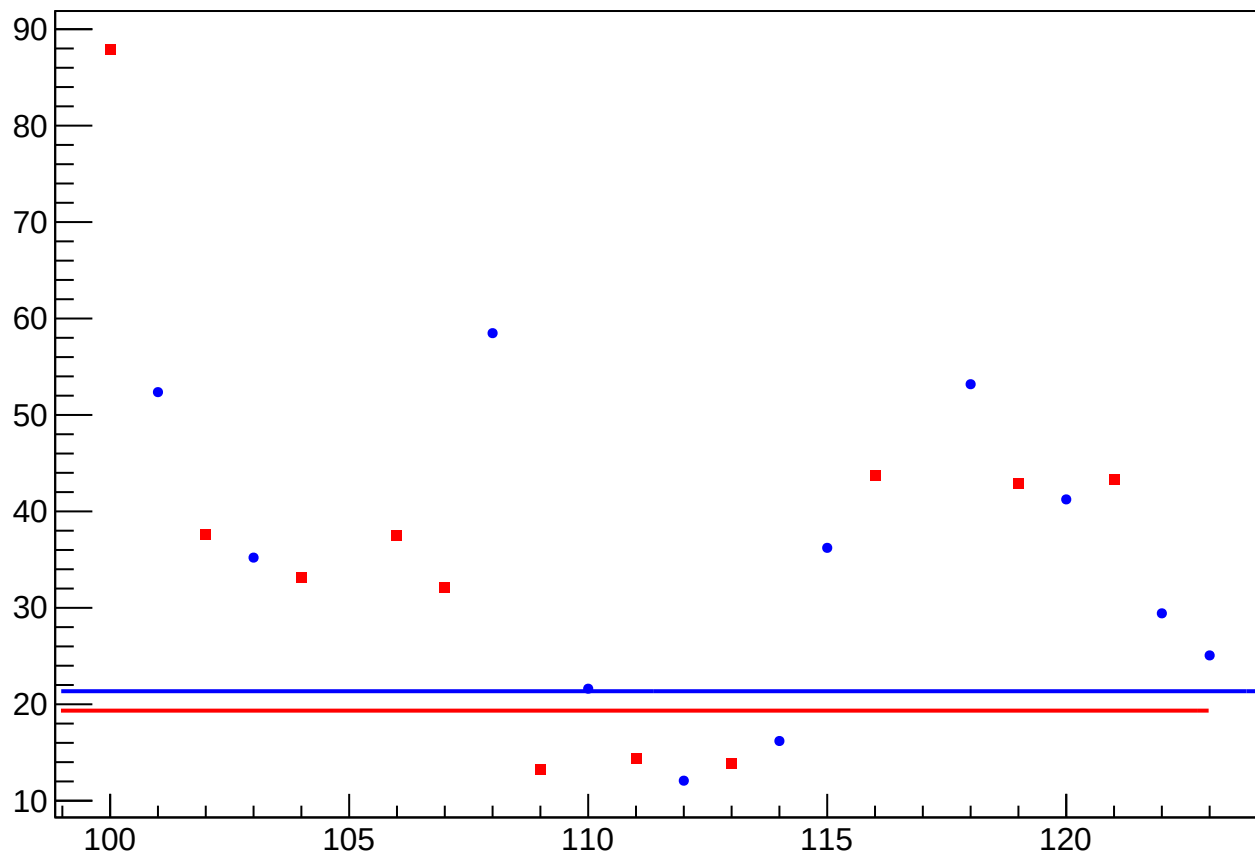
Right: -0.002+/-0.008 χ^2/NDF : 25.4/21

In: 0.015+/-0.013 χ^2/NDF : 15.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 25.4/21

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.355+/-0.009 χ^2/NDF : 2047789.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.342+/-0.008 χ^2/NDF : 1915183.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

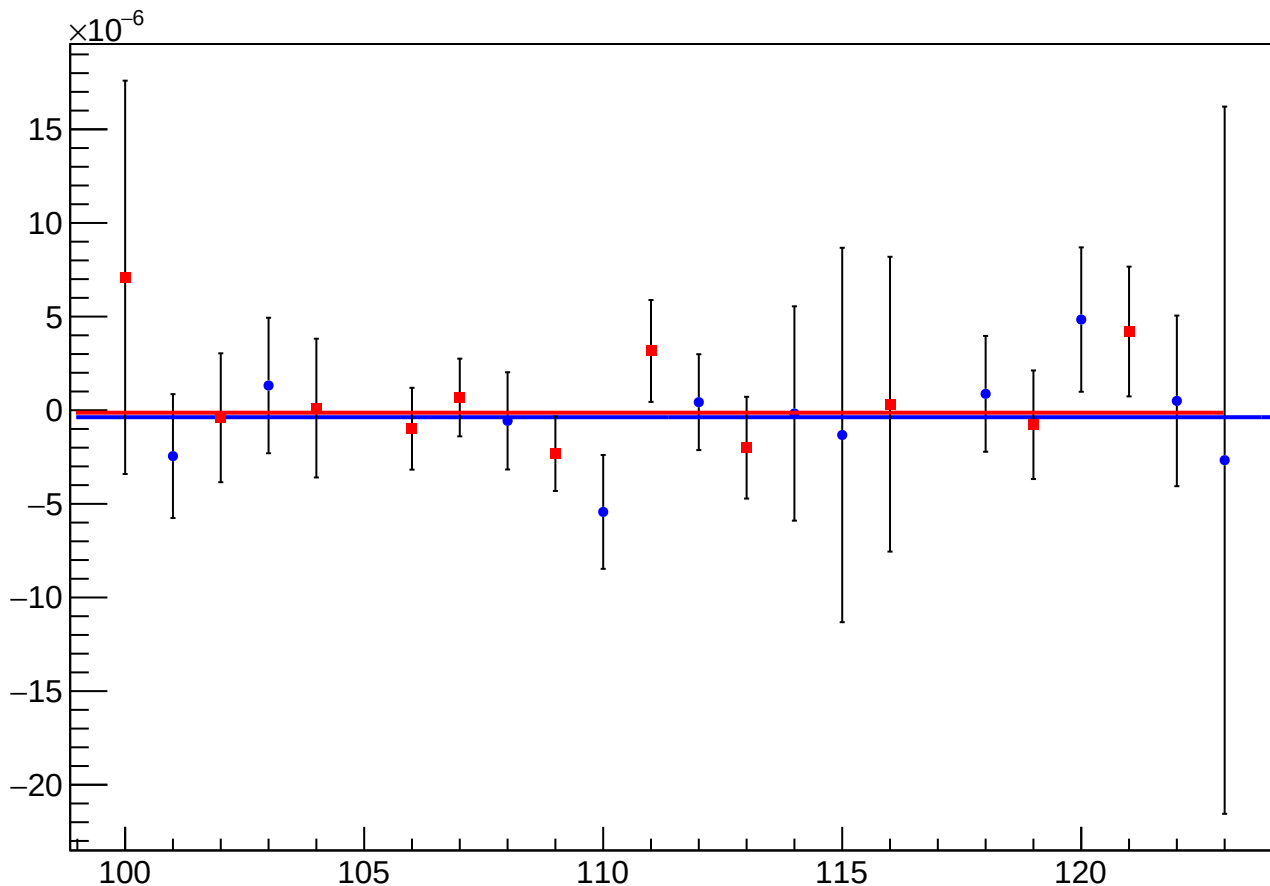
Right: 20.181+/-0.006 χ^2/NDF : 3991958.5/21

In: 21.355+/-0.009 χ^2/NDF : 2047789.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.181+/-0.006 χ^2/NDF : 3991958.5/21

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

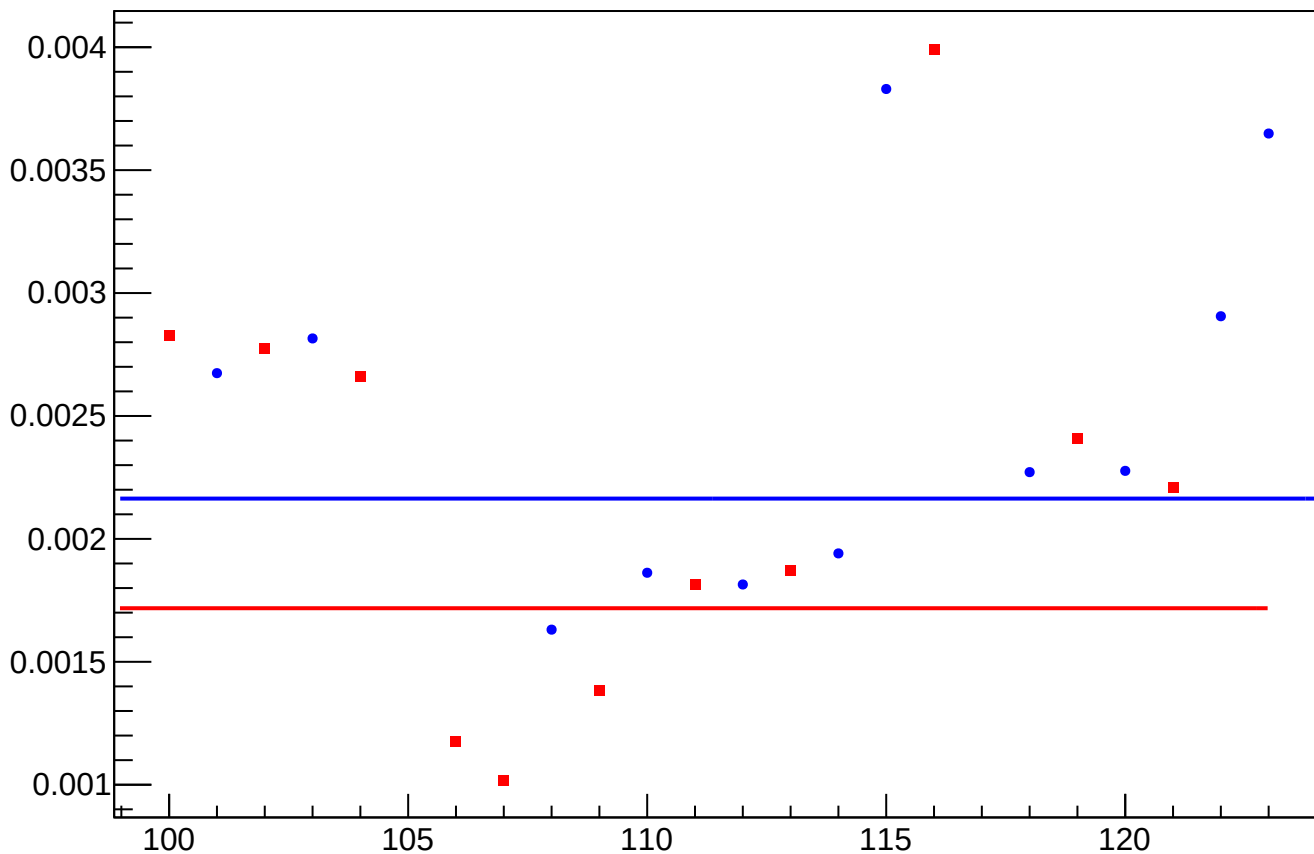
Right: -0.000+/-0.000 χ^2/NDF : 11.1/21

In: -0.000+/-0.000 χ^2/NDF : 5.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/21

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 381804.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1076943.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

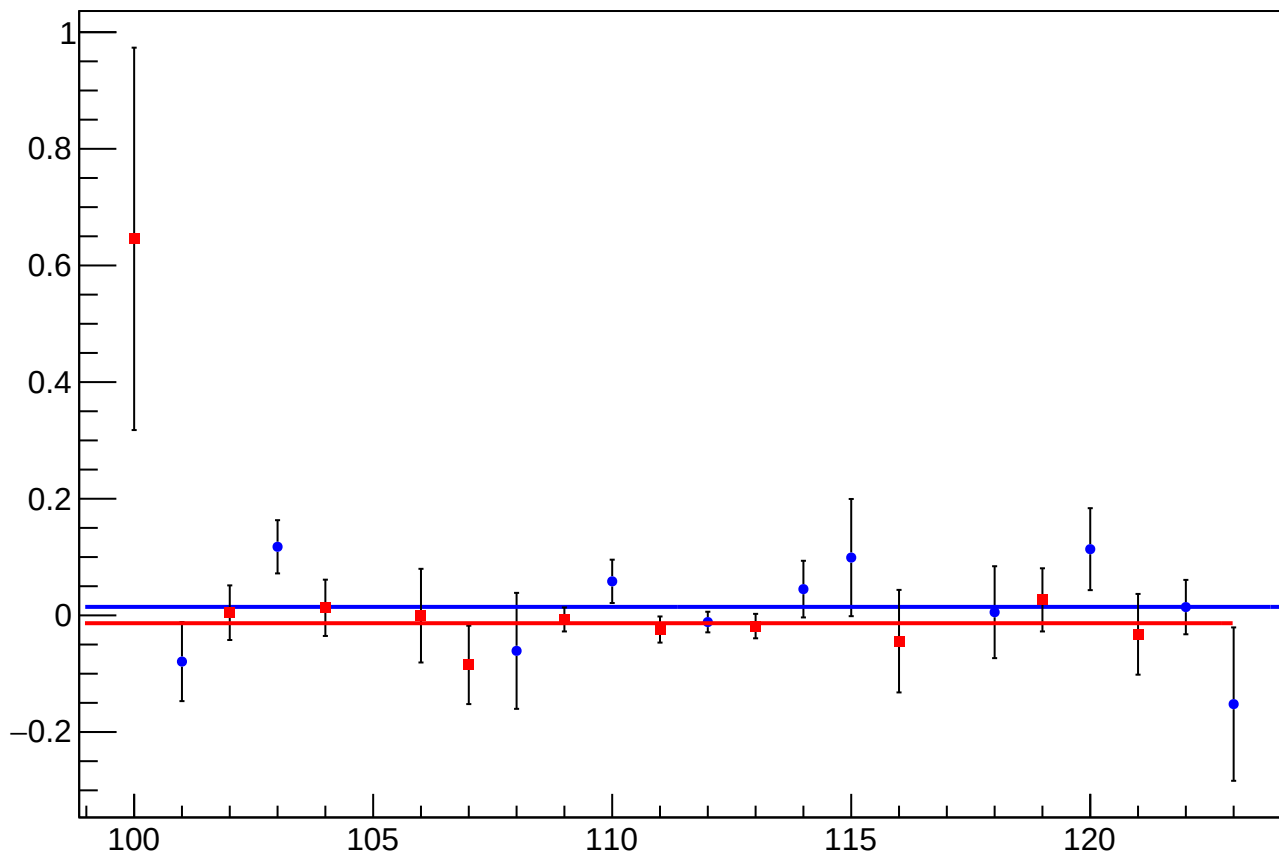
Right: 0.002+/-0.000 χ^2/NDF : 1664820.6/21

In: 0.002+/-0.000 χ^2/NDF :381804.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1664820.6/21

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.013 χ^2/NDF : 15.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.011 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

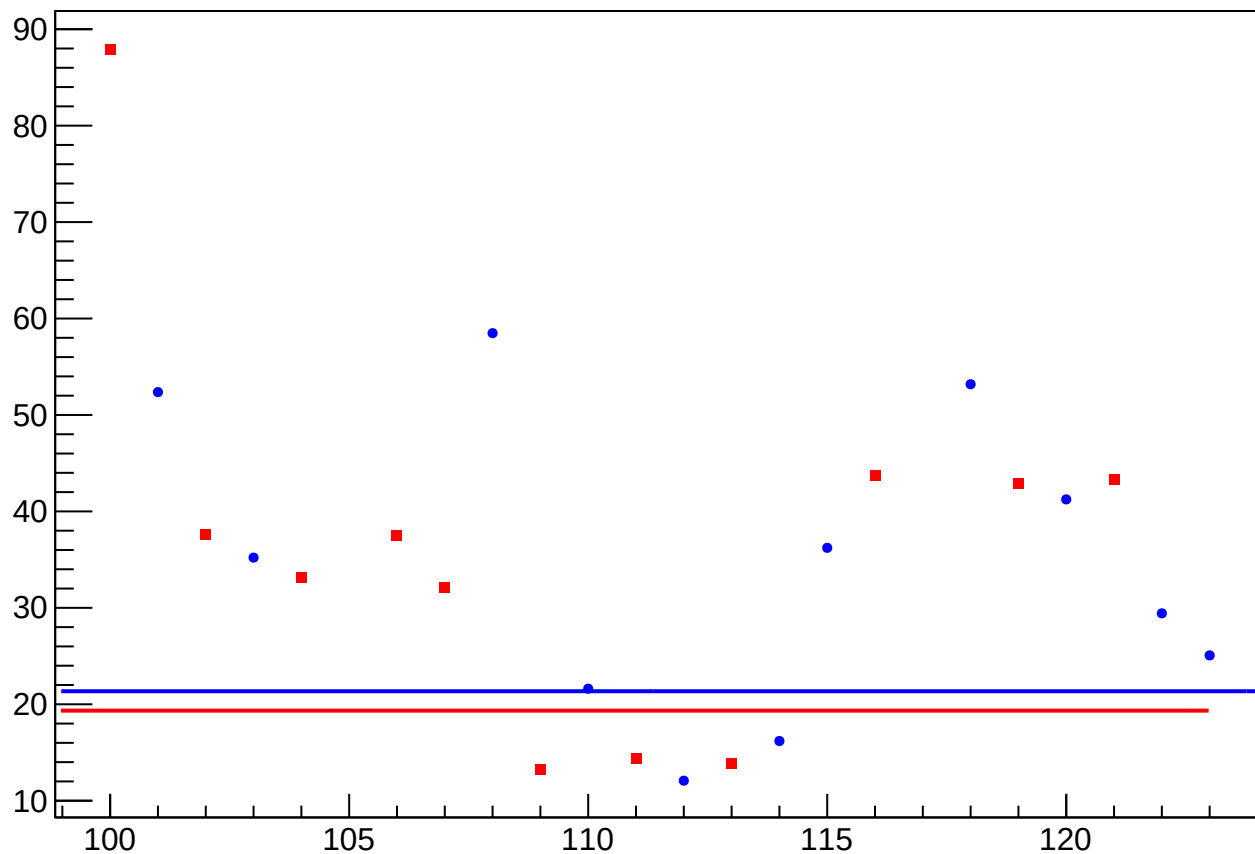
Right: -0.002+/-0.008 χ^2/NDF : 25.4/21

In: 0.015+/-0.013 χ^2/NDF : 15.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 25.4/21

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.354+/-0.009 χ^2/NDF : 2048018.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.342+/-0.008 χ^2/NDF : 1915182.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

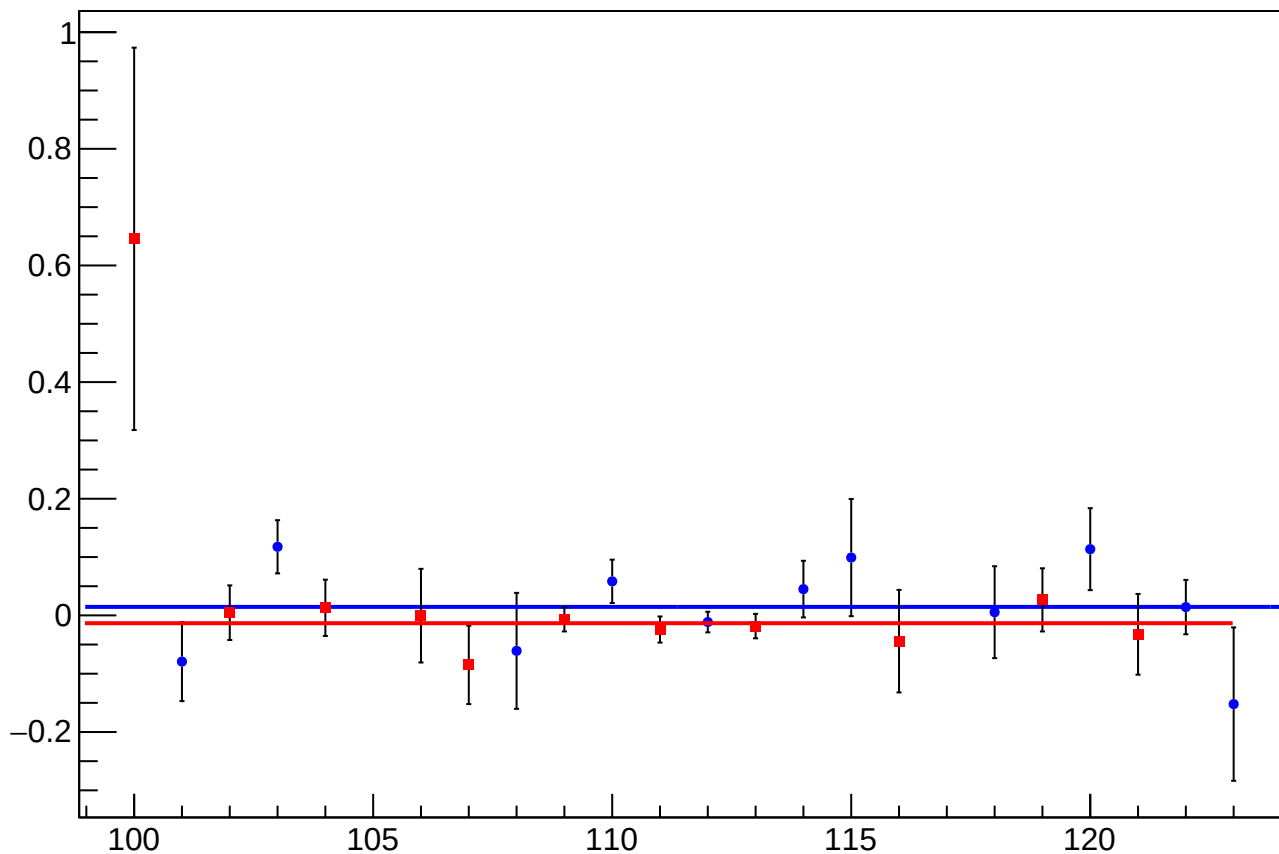
Right: 20.180+/-0.006 χ^2/NDF : 3992155.0/21

In: 21.354+/-0.009 χ^2/NDF : 2048018.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.180+/-0.006 χ^2/NDF : 3992155.0/21

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.013 χ^2/NDF : 15.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.011 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

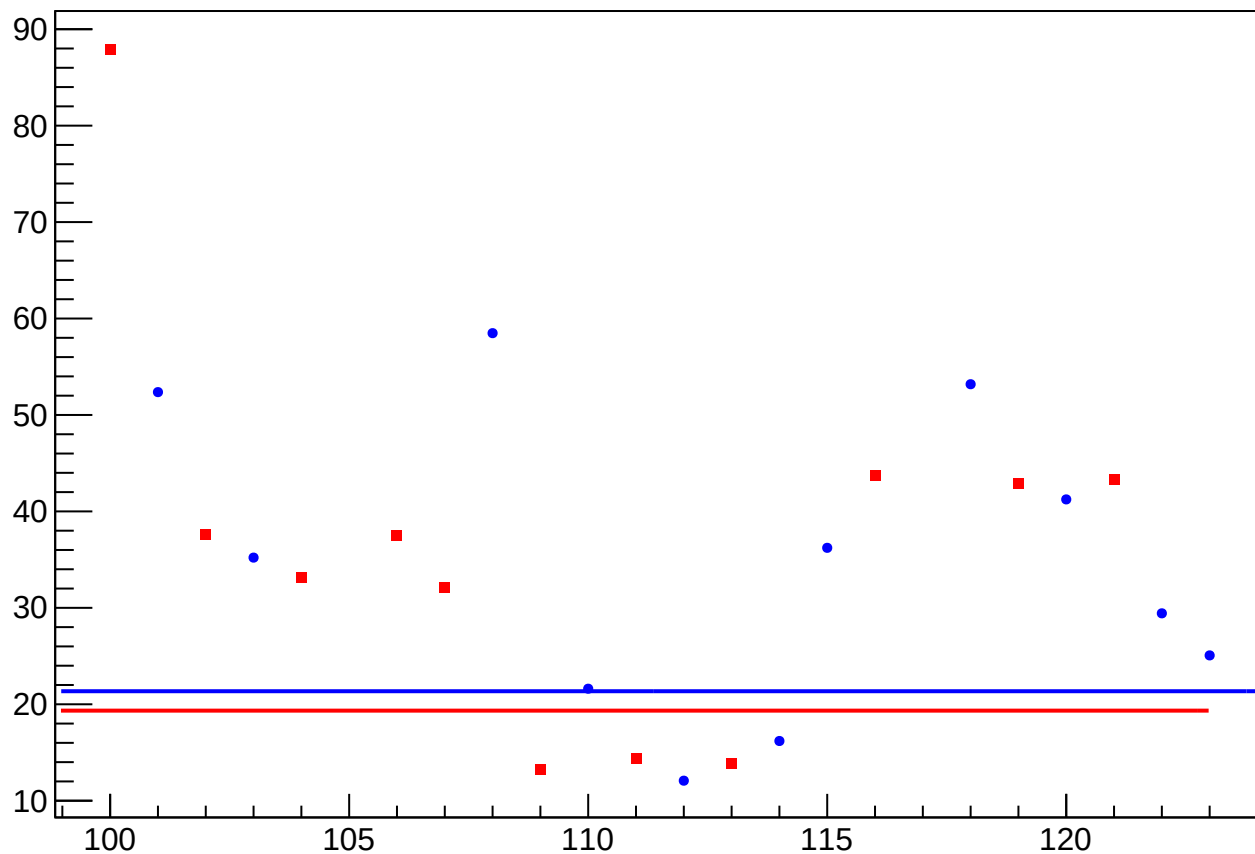
Right: -0.002+/-0.008 χ^2/NDF : 25.4/21

In: 0.015+/-0.013 χ^2/NDF : 15.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 25.4/21

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.354+/-0.009 χ^2/NDF : 2048018.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.342+/-0.008 χ^2/NDF : 1915182.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

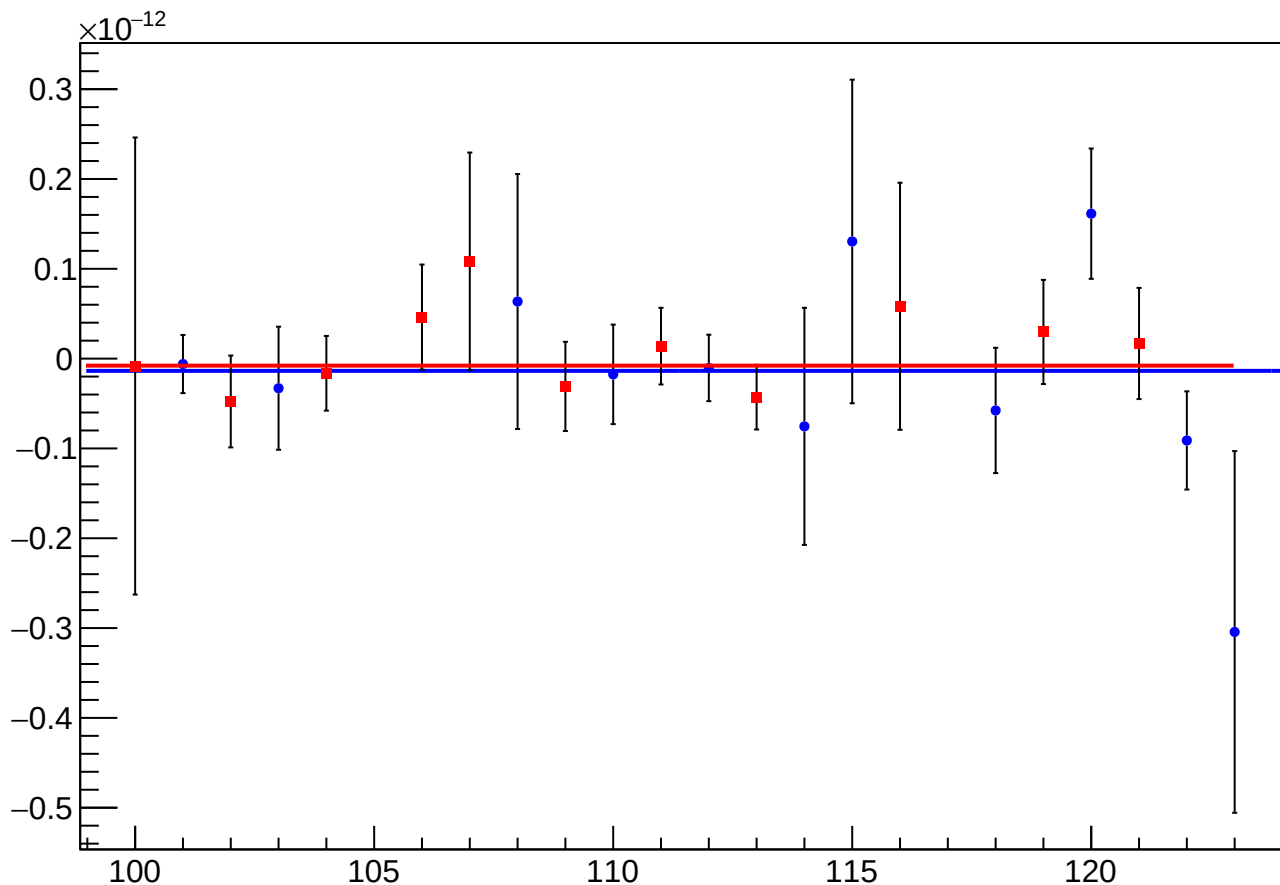
Right: 20.180+/-0.006 χ^2/NDF : 3992155.0/21

In: 21.354+/-0.009 χ^2/NDF : 2048018.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.180+/-0.006 χ^2/NDF : 3992155.0/21

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.6/10

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

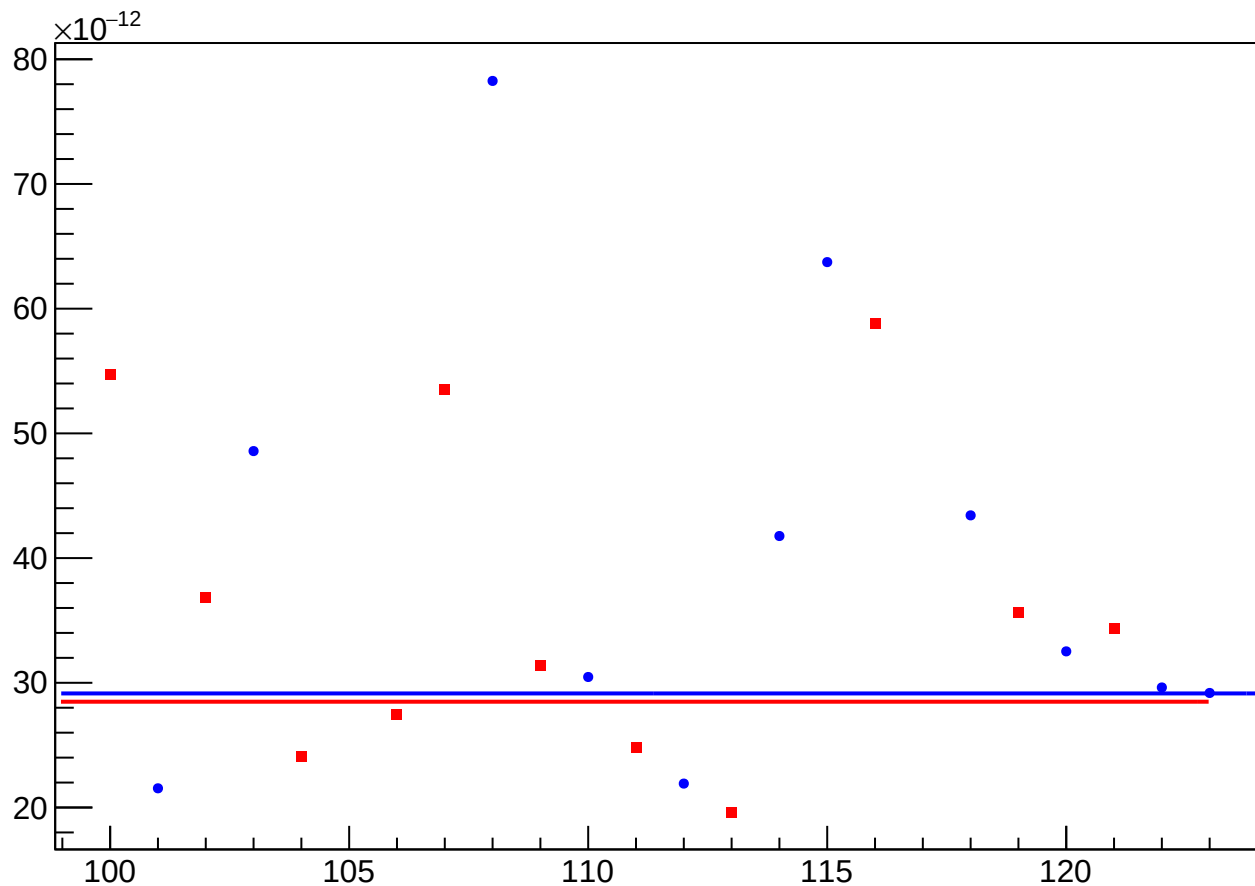
Right: -0.000+/-0.000 χ^2 /NDF: 16.3/21

In: -0.000+/-0.000 χ^2 /NDF:11.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.3/21

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 768636.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 472359.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

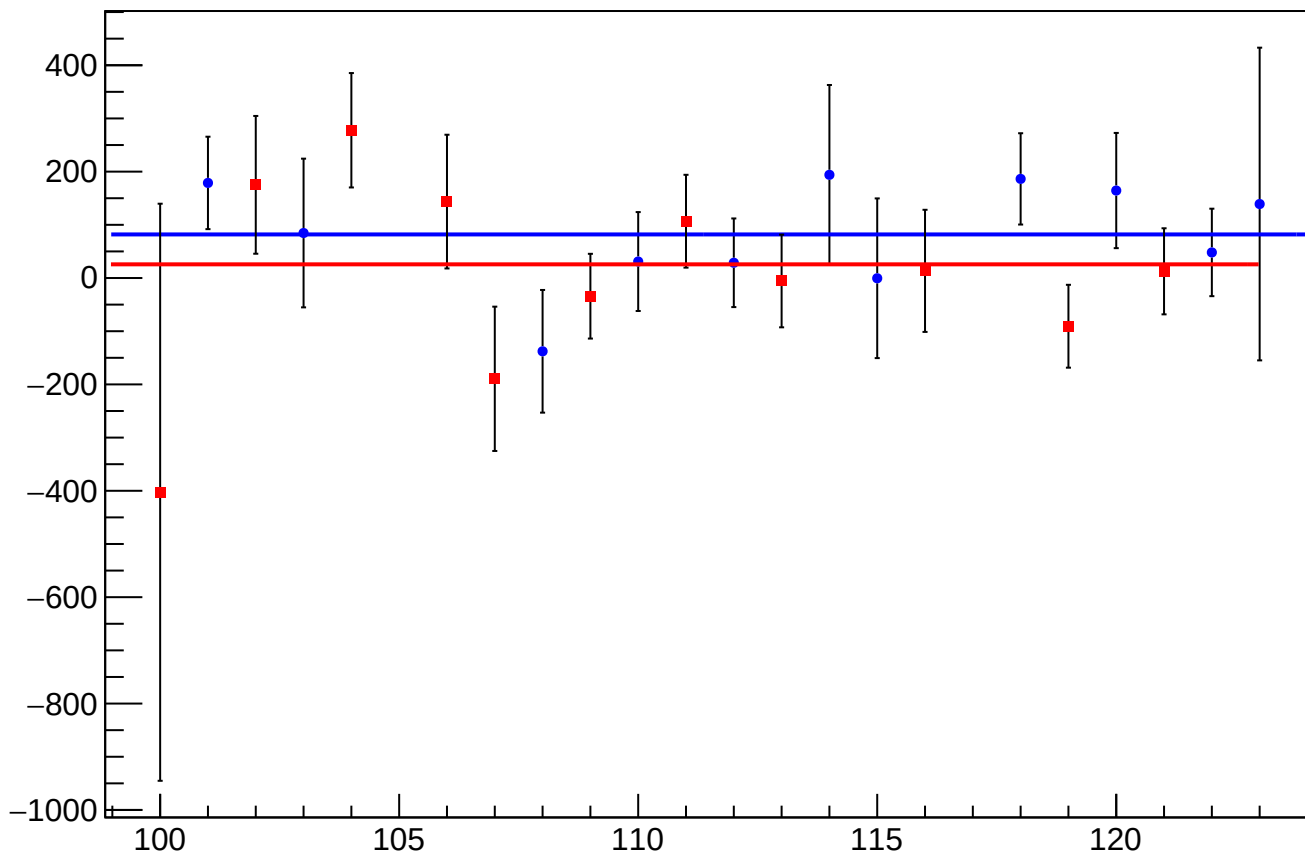
Right: 0.000+/-0.000 χ^2/NDF : 1242482.6/21

In: 0.000+/-0.000 χ^2/NDF : 768636.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1242482.6/21

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 81.946+/-31.967 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.715+/-30.412 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

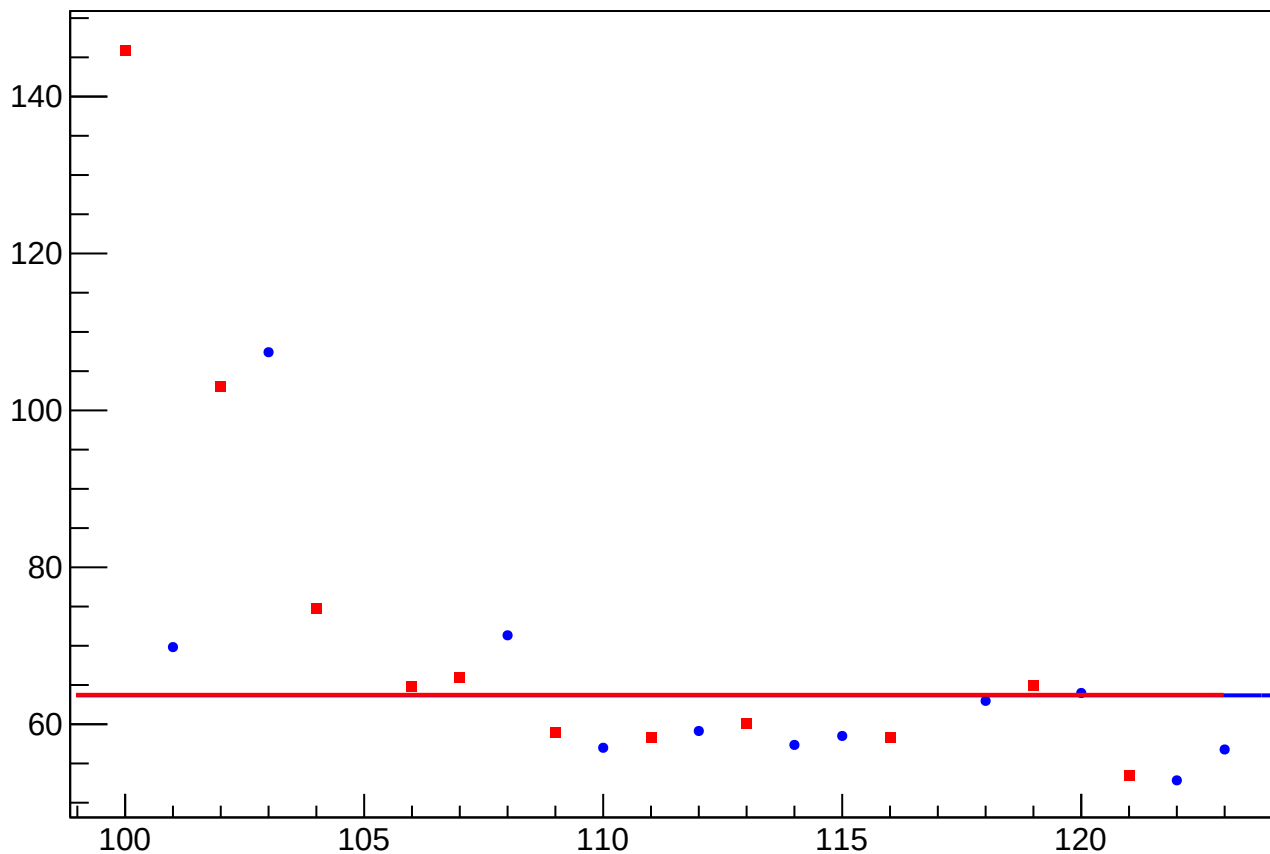
Right: 52.429+/-22.034 χ^2/NDF : 24.9/21

In: 81.946+/-31.967 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.429+/-22.034 χ^2/NDF : 24.9/21

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.680+/-0.023 χ^2/NDF : 272008.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.749+/-0.022 χ^2/NDF : 307959.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

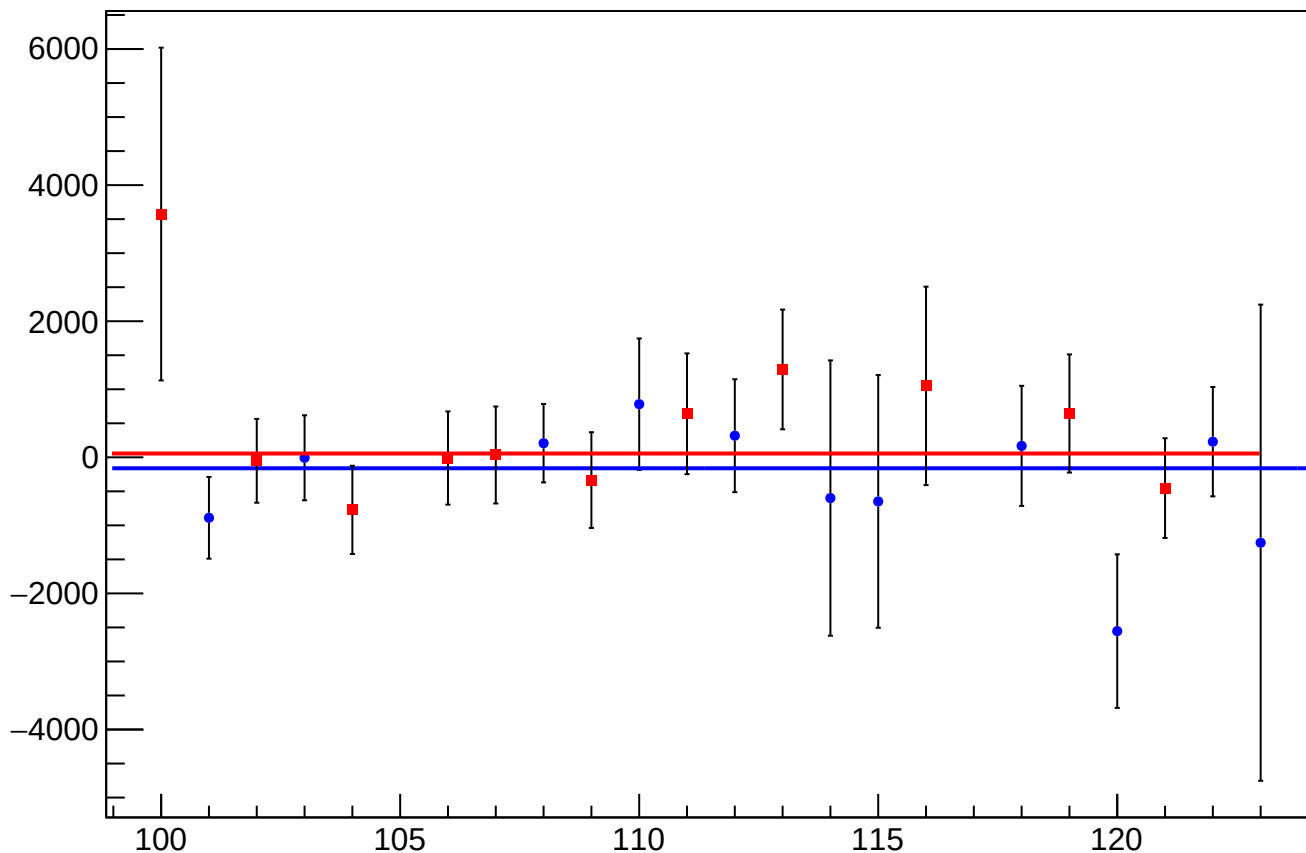
Right: 63.716+/-0.016 χ^2/NDF : 579972.2/21

In: 63.680+/-0.023 χ^2/NDF : 272008.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.716+/-0.016 χ^2/NDF : 579972.2/21

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -160.992+/-257.266 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.997+/-238.891 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

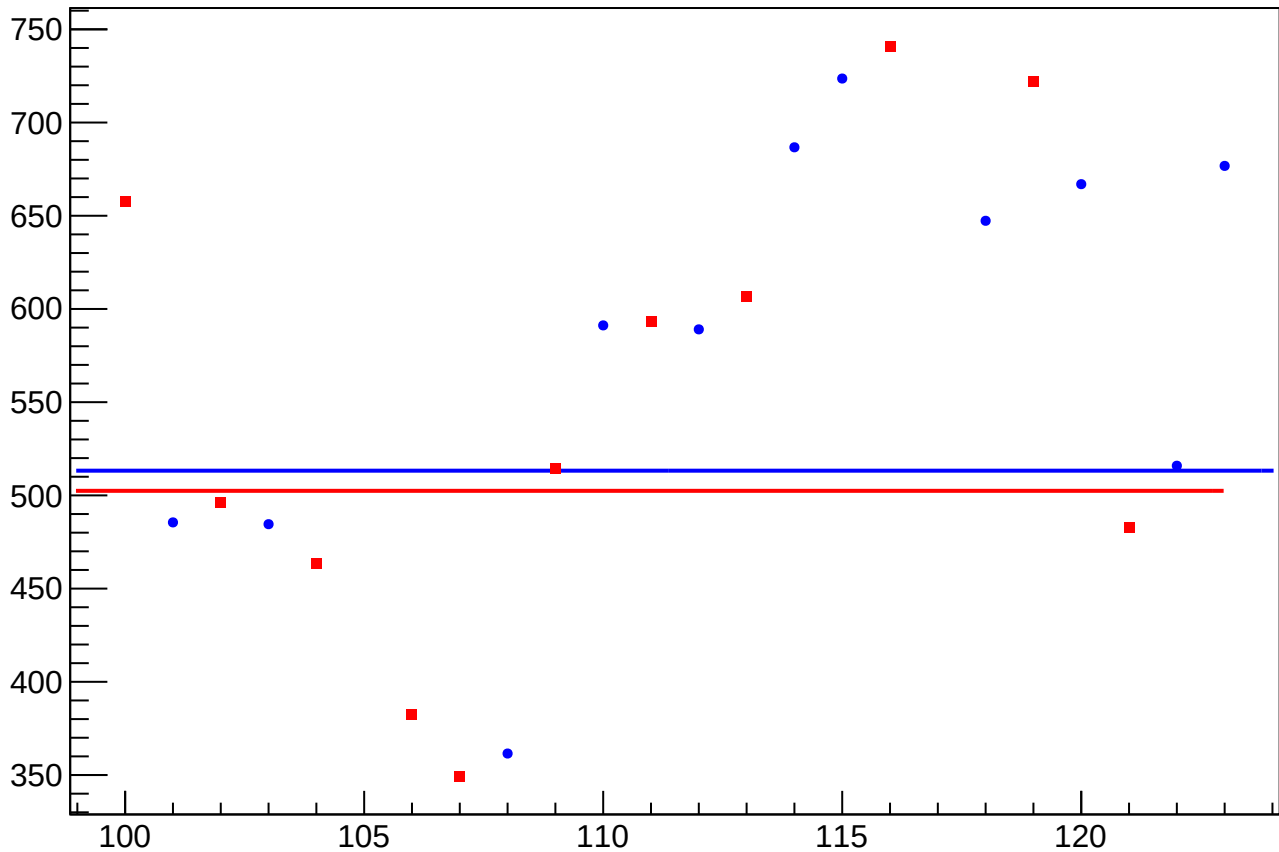
Right: -44.472+/-175.058 χ^2/NDF : 16.6/21

In: -160.992+/-257.266 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.472+/-175.058 χ^2/NDF : 16.6/21

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 513.256+/-0.182 χ^2/NDF : 304843.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.446+/-0.169 χ^2/NDF : 402057.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

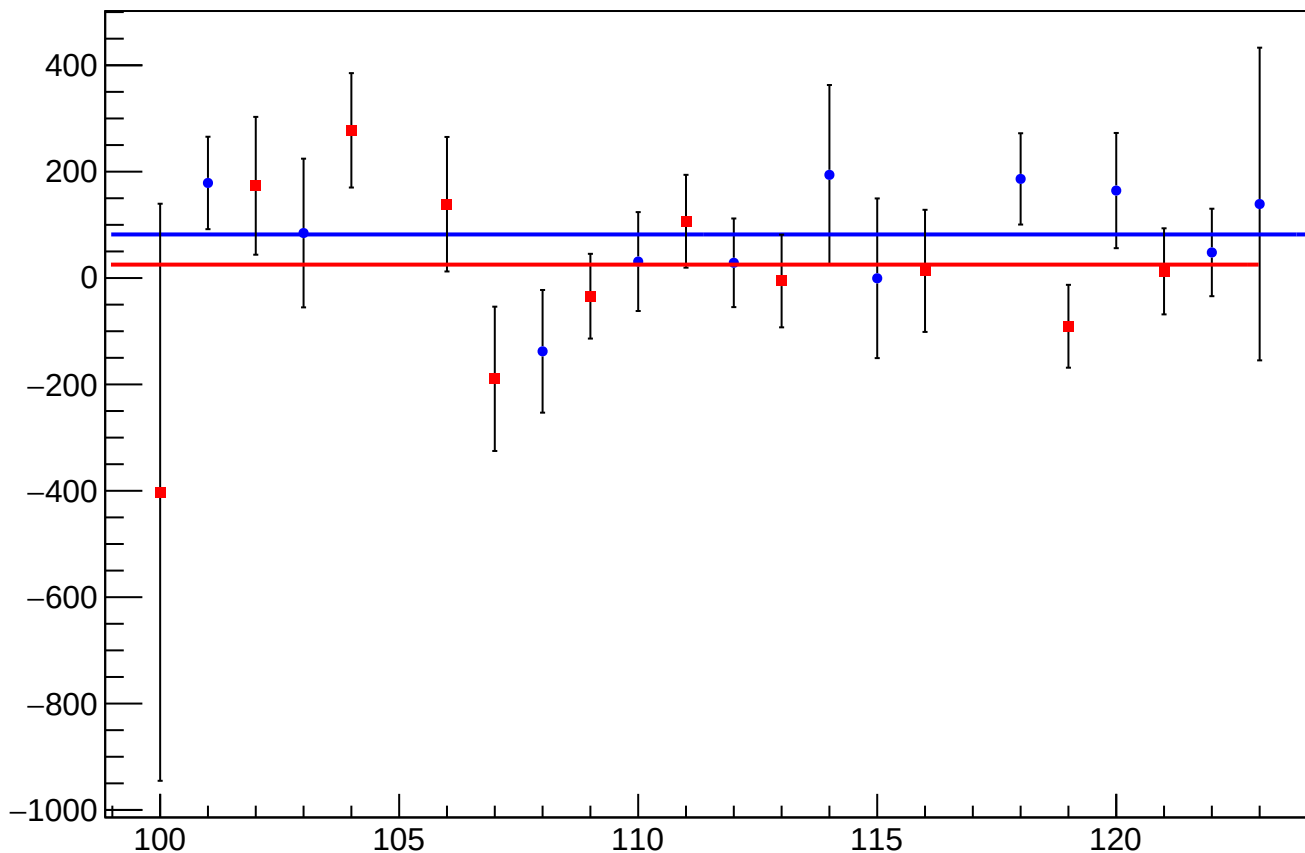
Right: 507.451+/-0.124 χ^2/NDF : 708797.6/21

In: 513.256+/-0.182 χ^2/NDF : 304843.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.451+/-0.124 χ^2/NDF : 708797.6/21

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 81.948+/-31.967 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.242+/-30.423 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

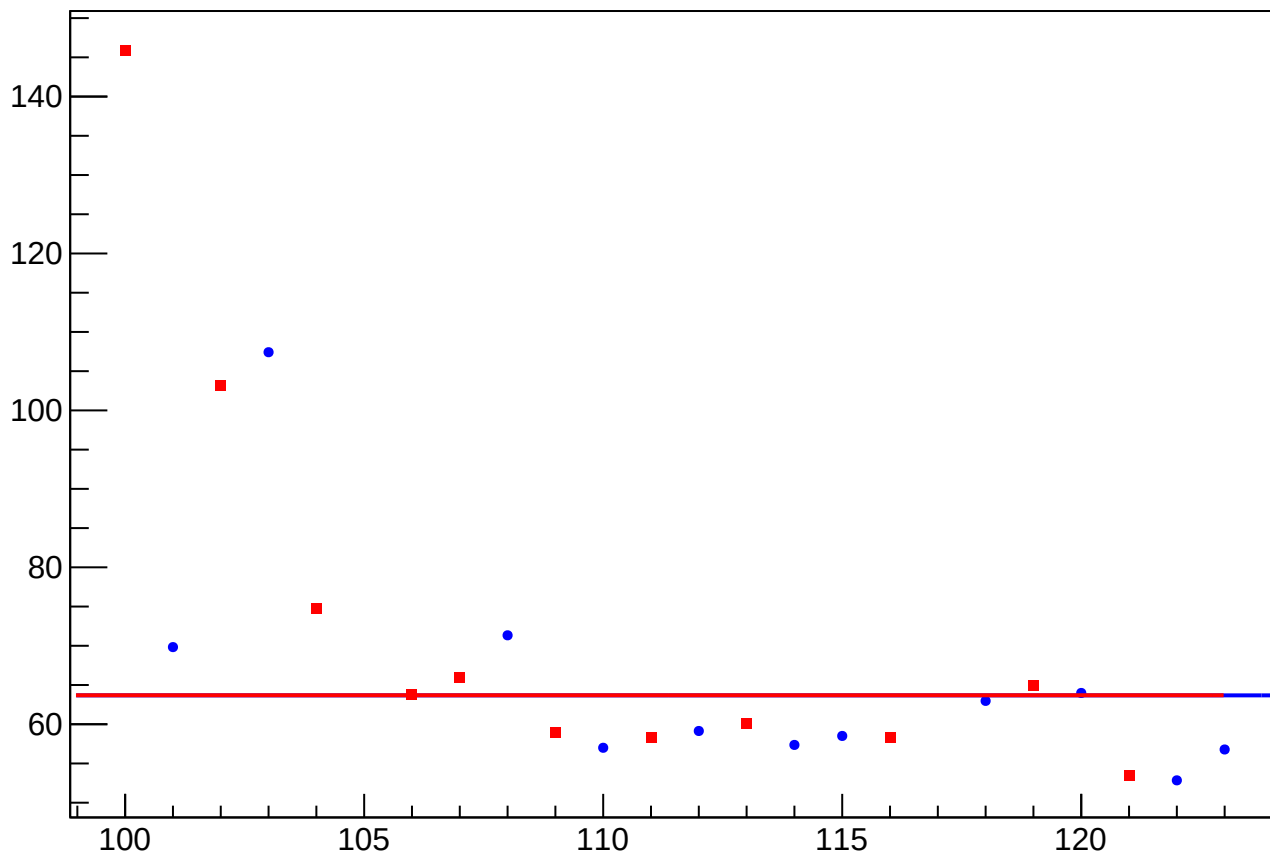
Right: 52.192+/-22.038 χ^2/NDF : 24.8/21

In: 81.948+/-31.967 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.192+/-22.038 χ^2/NDF : 24.8/21

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.680+/-0.023 χ^2/NDF : 272010.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.692+/-0.022 χ^2/NDF : 308043.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

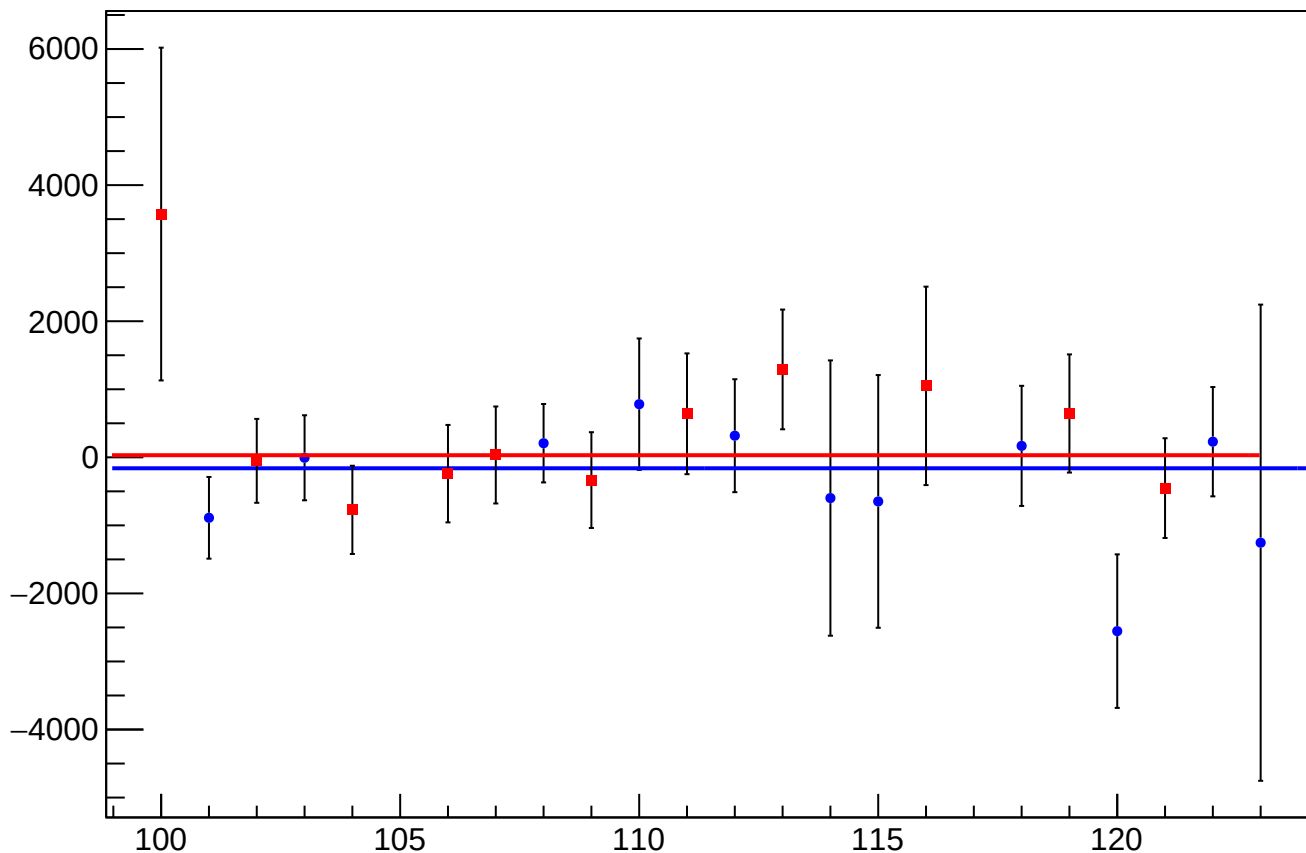
Right: 63.687+/-0.016 χ^2/NDF : 580054.2/21

In: 63.680+/-0.023 χ^2/NDF : 272010.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.687+/-0.016 χ^2/NDF : 580054.2/21

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -160.911+/-257.270 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.886+/-240.165 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

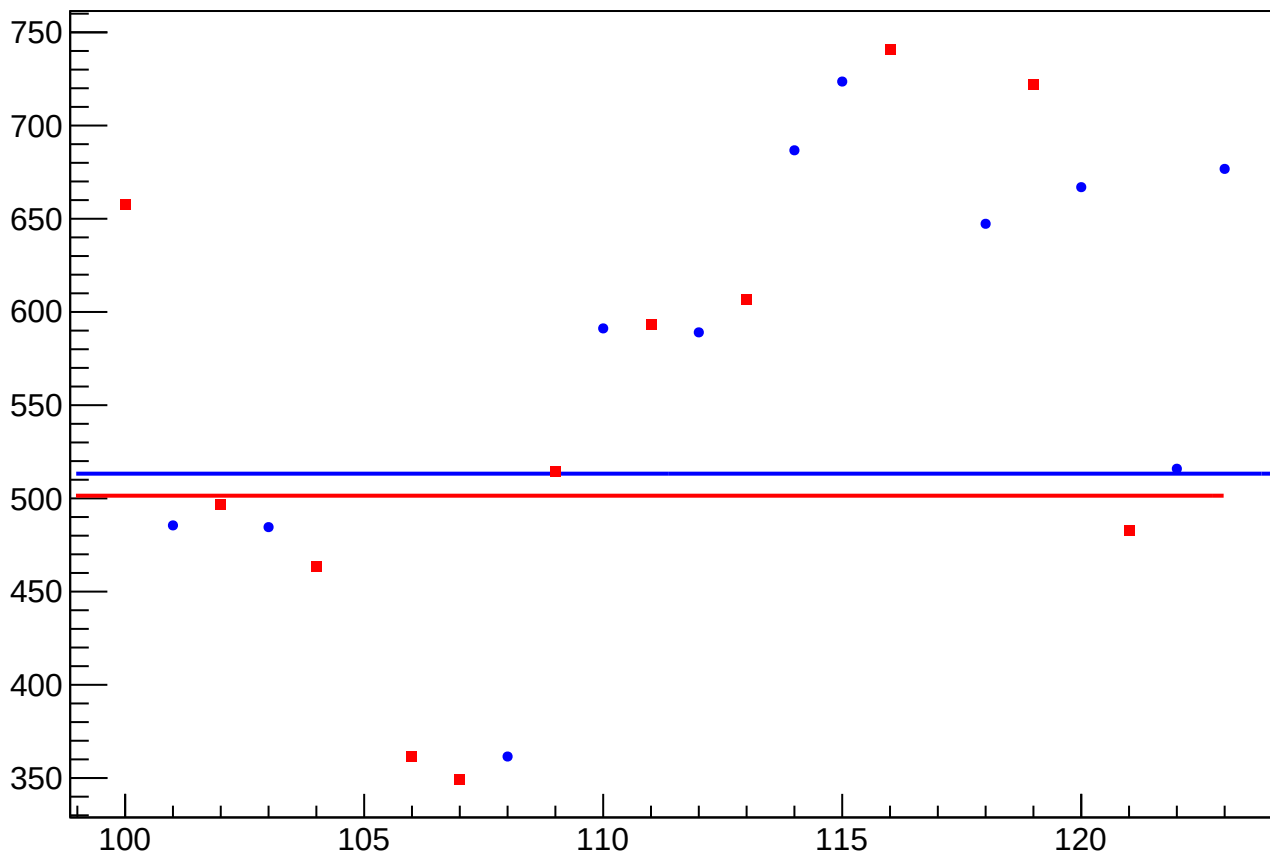
Right: -58.425+/-175.558 χ^2/NDF : 16.6/21

In: -160.911+/-257.270 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.425+/-175.558 χ^2/NDF : 16.6/21

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 513.262 $\pm$ 0.182 χ^2 /NDF: 304833.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 501.448 $\pm$ 0.170 χ^2 /NDF: 417788.6/10

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

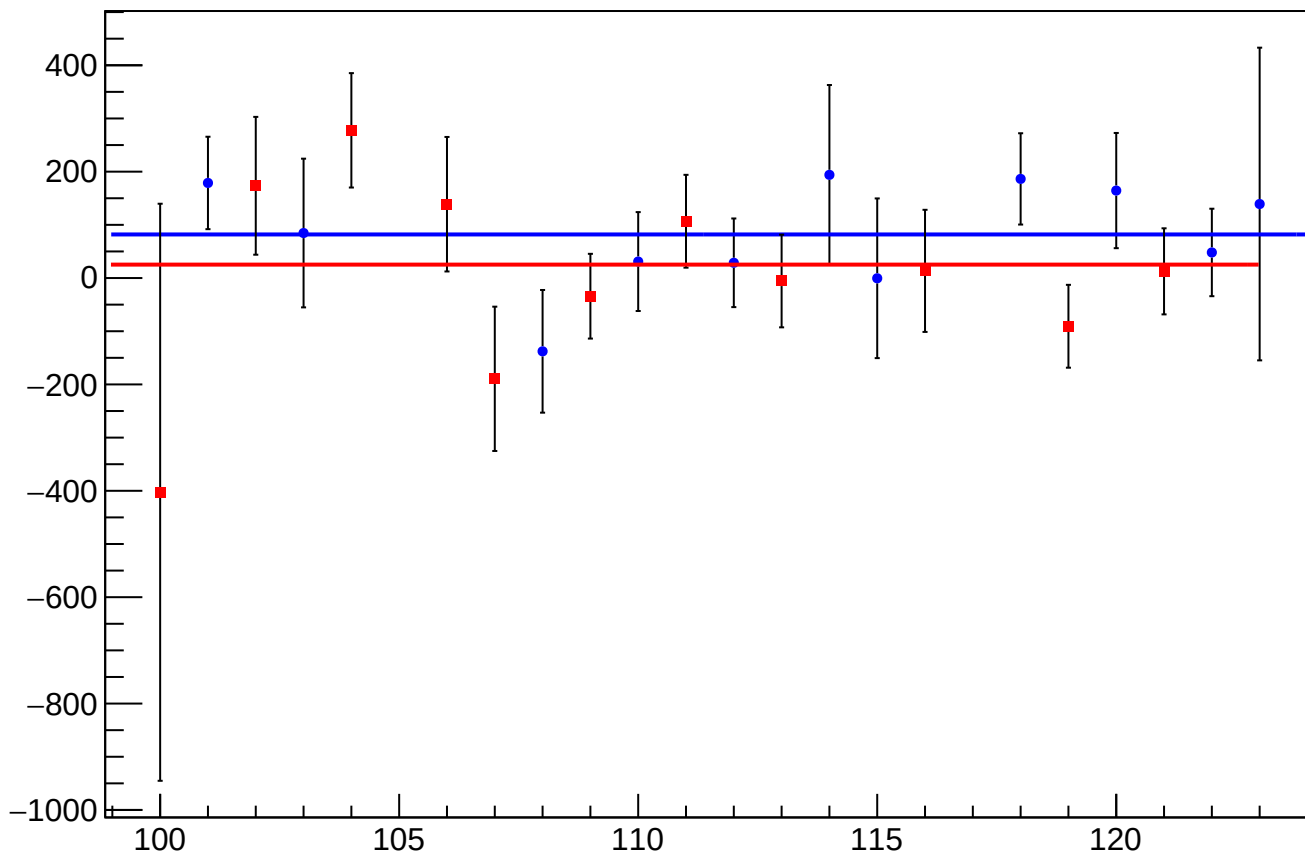
Right: 506.949 $\pm$ 0.124 χ^2 /NDF: 724876.0/21

In: 513.262 $\pm$ 0.182 χ^2 /NDF:304833.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 506.949 $\pm$ 0.124 χ^2 /NDF: 724876.0/21

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 81.948+/-31.967 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.242+/-30.423 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

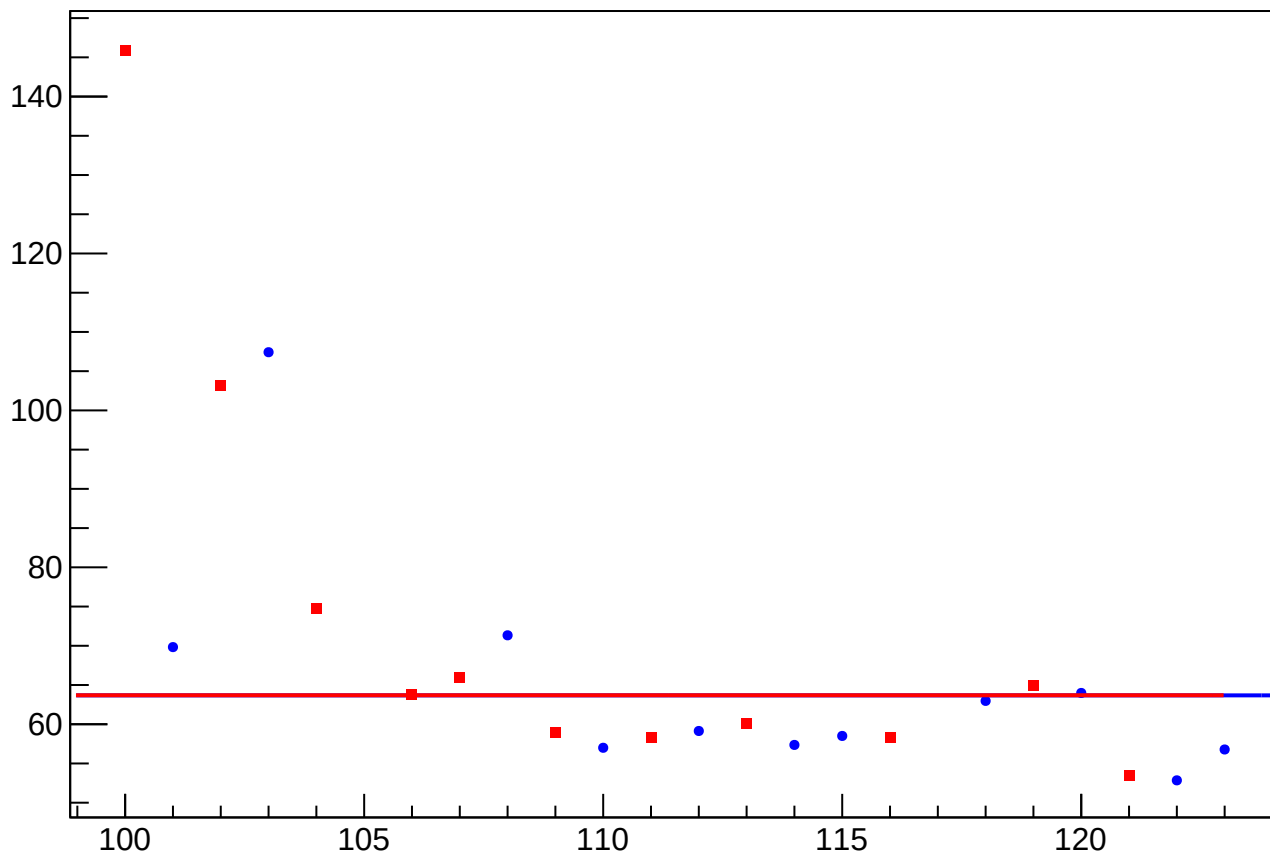
Right: 52.192+/-22.038 χ^2/NDF : 24.8/21

In: 81.948+/-31.967 χ^2/NDF : 8.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.192+/-22.038 χ^2/NDF : 24.8/21

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.680+/-0.023 χ^2/NDF : 272010.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.692+/-0.022 χ^2/NDF : 308043.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

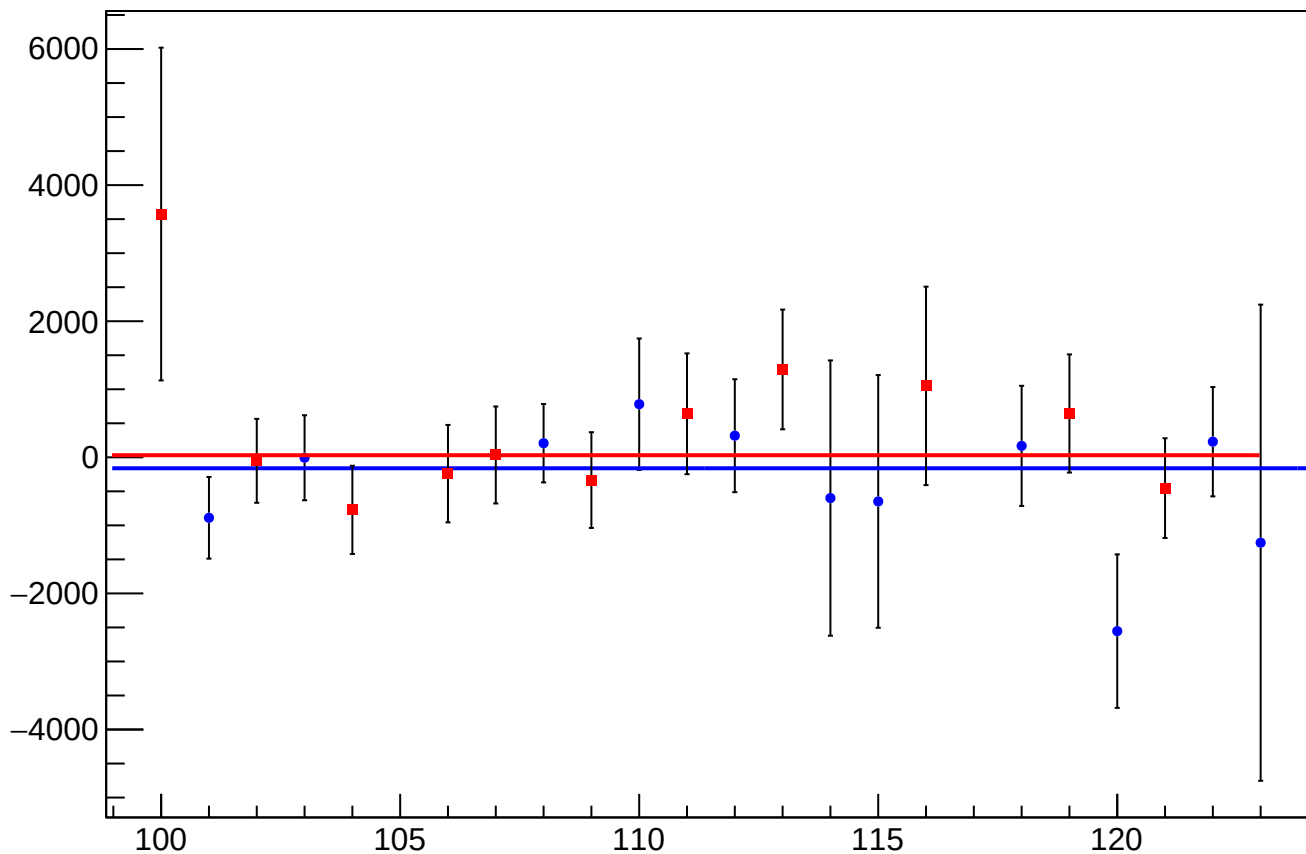
Right: 63.687+/-0.016 χ^2/NDF : 580054.2/21

In: 63.680+/-0.023 χ^2/NDF : 272010.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.687+/-0.016 χ^2/NDF : 580054.2/21

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -160.911 $\pm$ 257.270 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.886 $\pm$ 240.165 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

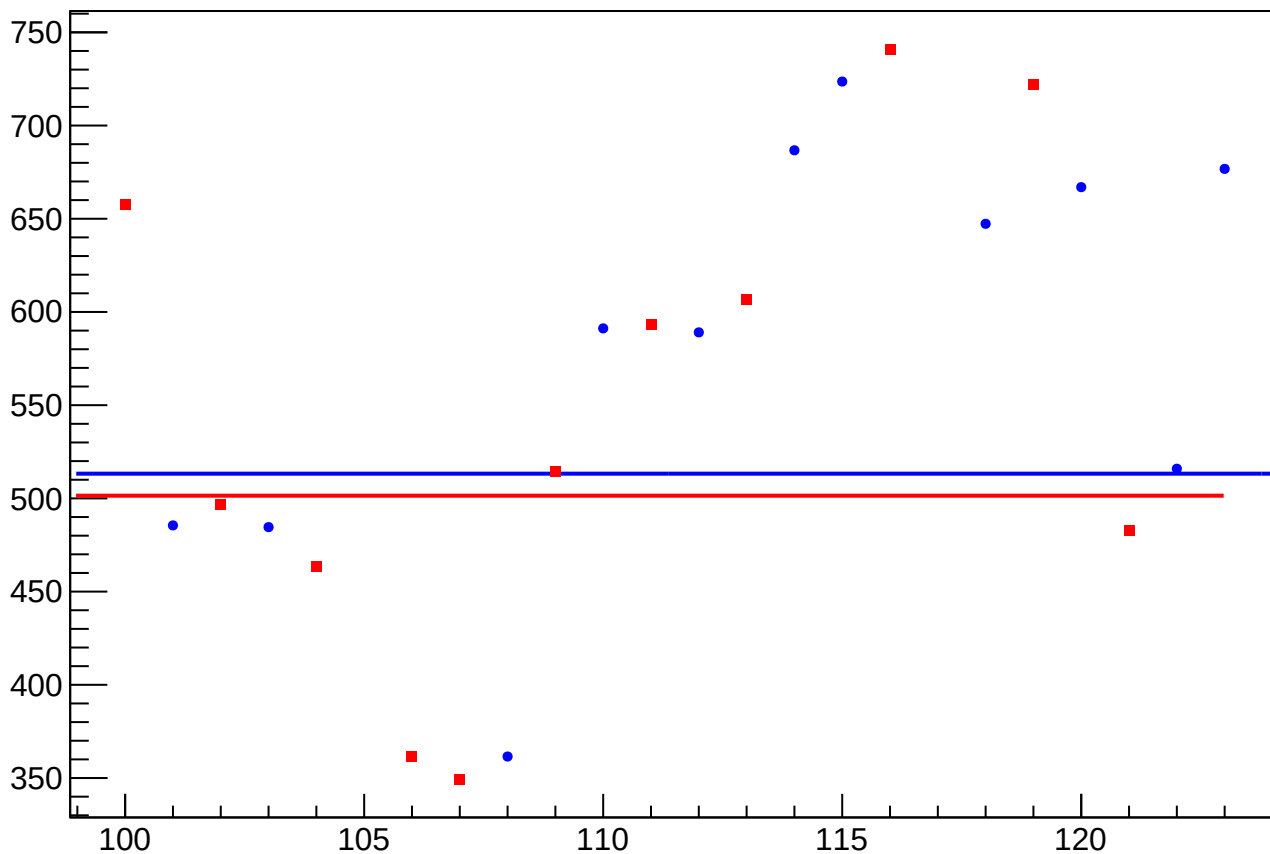
Right: -58.425 $\pm$ 175.558 χ^2 /NDF: 16.6/21

In: -160.911 $\pm$ 257.270 χ^2 /NDF:8.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.425 $\pm$ 175.558 χ^2 /NDF: 16.6/21

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 513.262+/-0.182 χ^2/NDF : 304833.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.448+/-0.170 χ^2/NDF : 417788.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

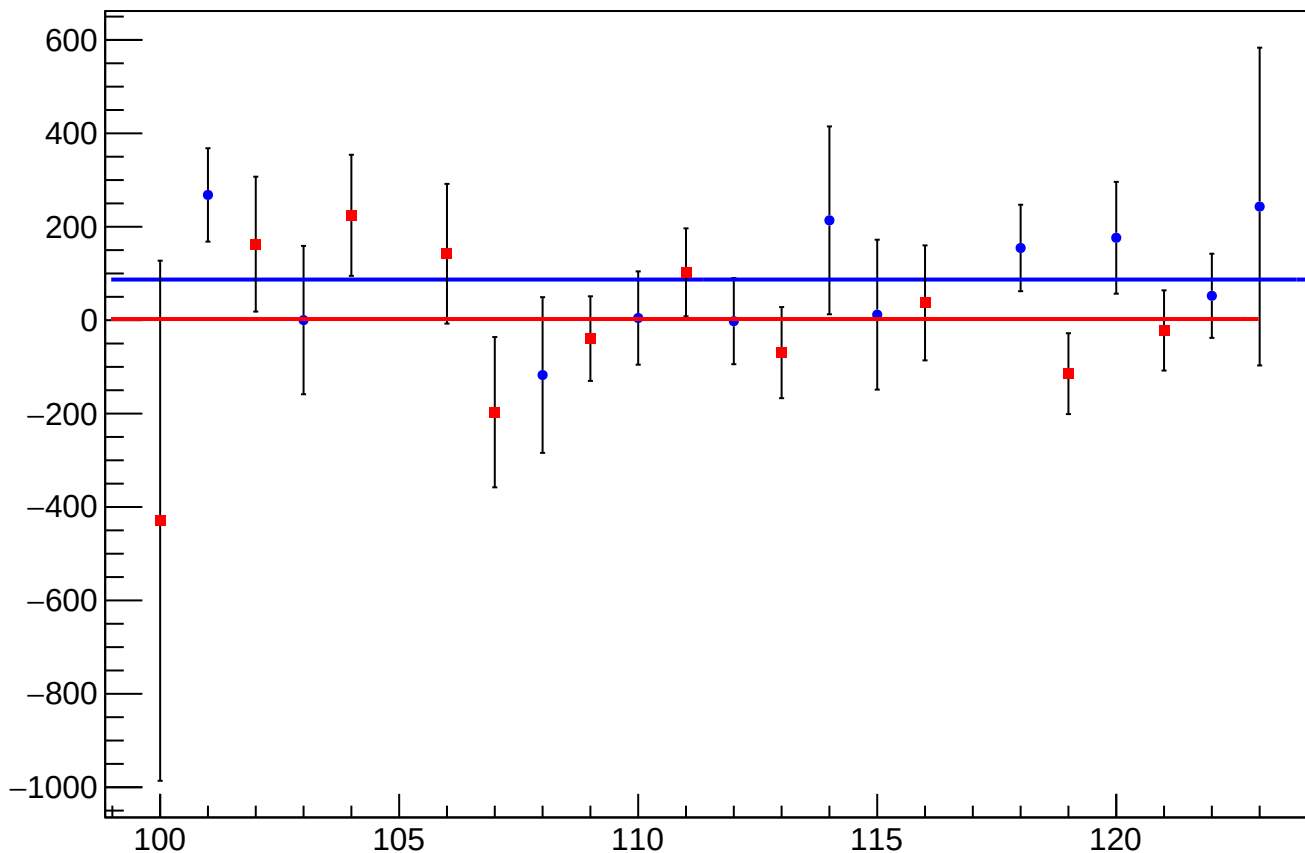
Right: 506.949+/-0.124 χ^2/NDF : 724876.0/21

In: 513.262+/-0.182 χ^2/NDF : 304833.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.949+/-0.124 χ^2/NDF : 724876.0/21

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 86.984 $\pm$ 35.911 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.480 $\pm$ 33.923 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

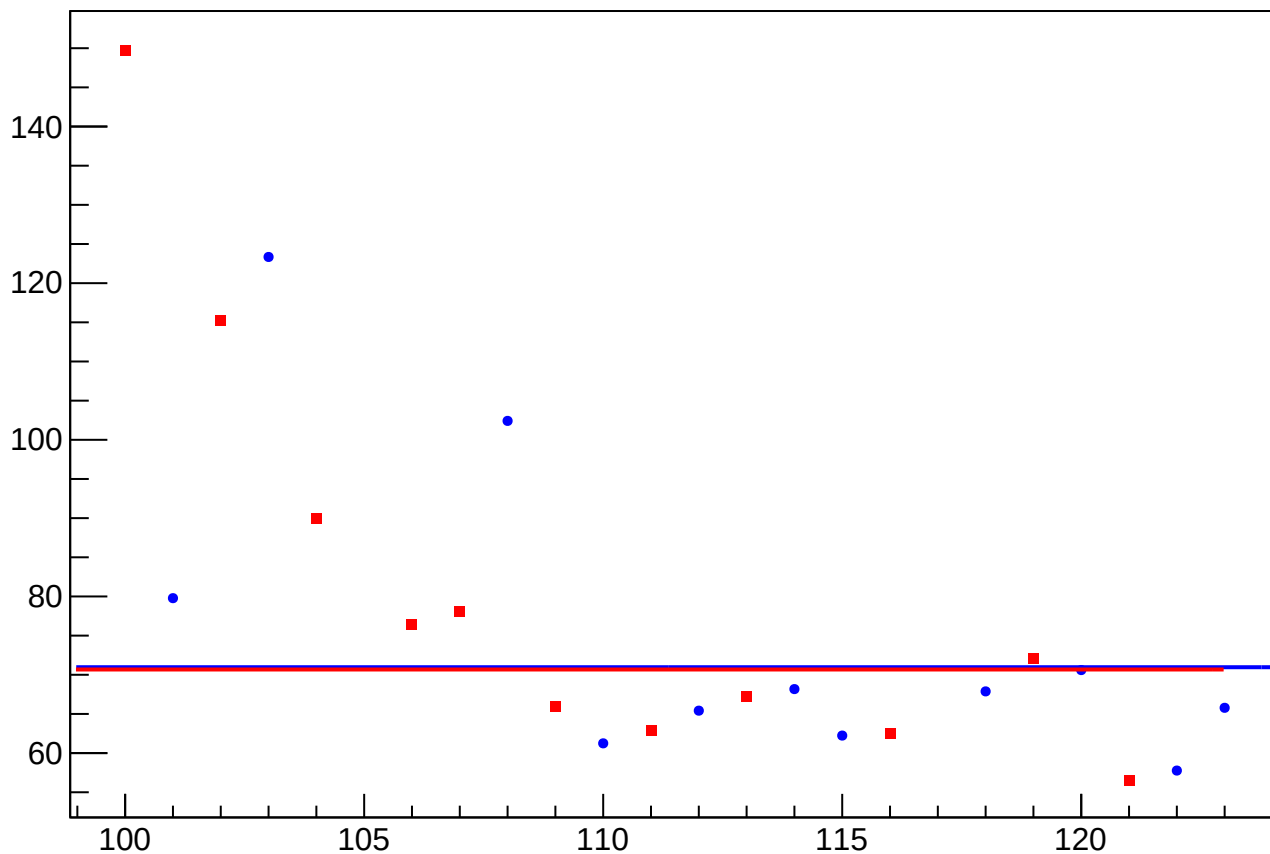
Right: 42.329 $\pm$ 24.660 χ^2 /NDF: 22.7/21

In: 86.984 $\pm$ 35.911 χ^2 /NDF:8.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.329 $\pm$ 24.660 χ^2 /NDF: 22.7/21

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 70.965+/-0.025 χ^2 /NDF: 382493.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 70.675+/-0.024 χ^2 /NDF: 367803.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

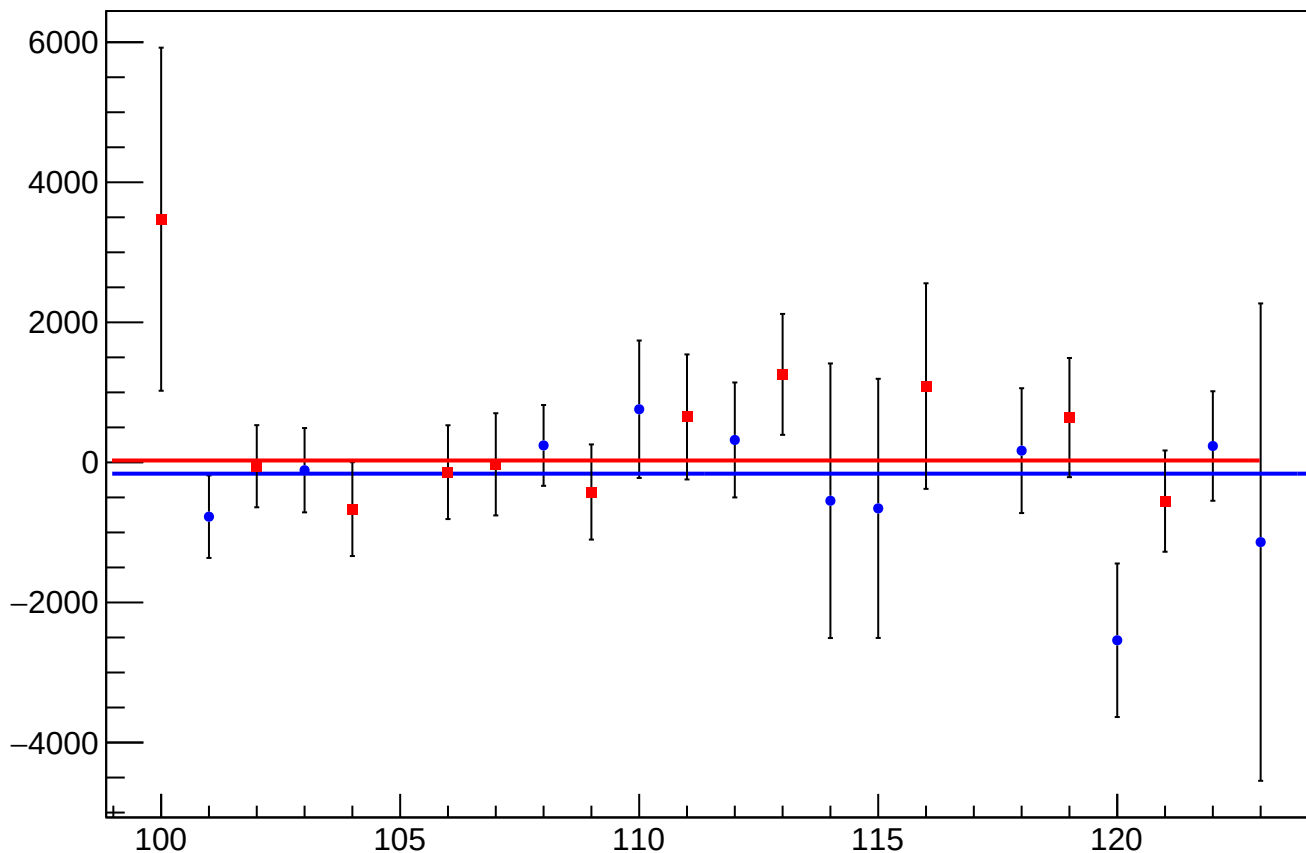
Right: 70.812+/-0.017 χ^2 /NDF: 750366.0/21

In: 70.965+/-0.025 χ^2 /NDF:382493.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 70.812+/-0.017 χ^2 /NDF: 750366.0/21

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.716+/-253.747 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.471+/-236.167 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

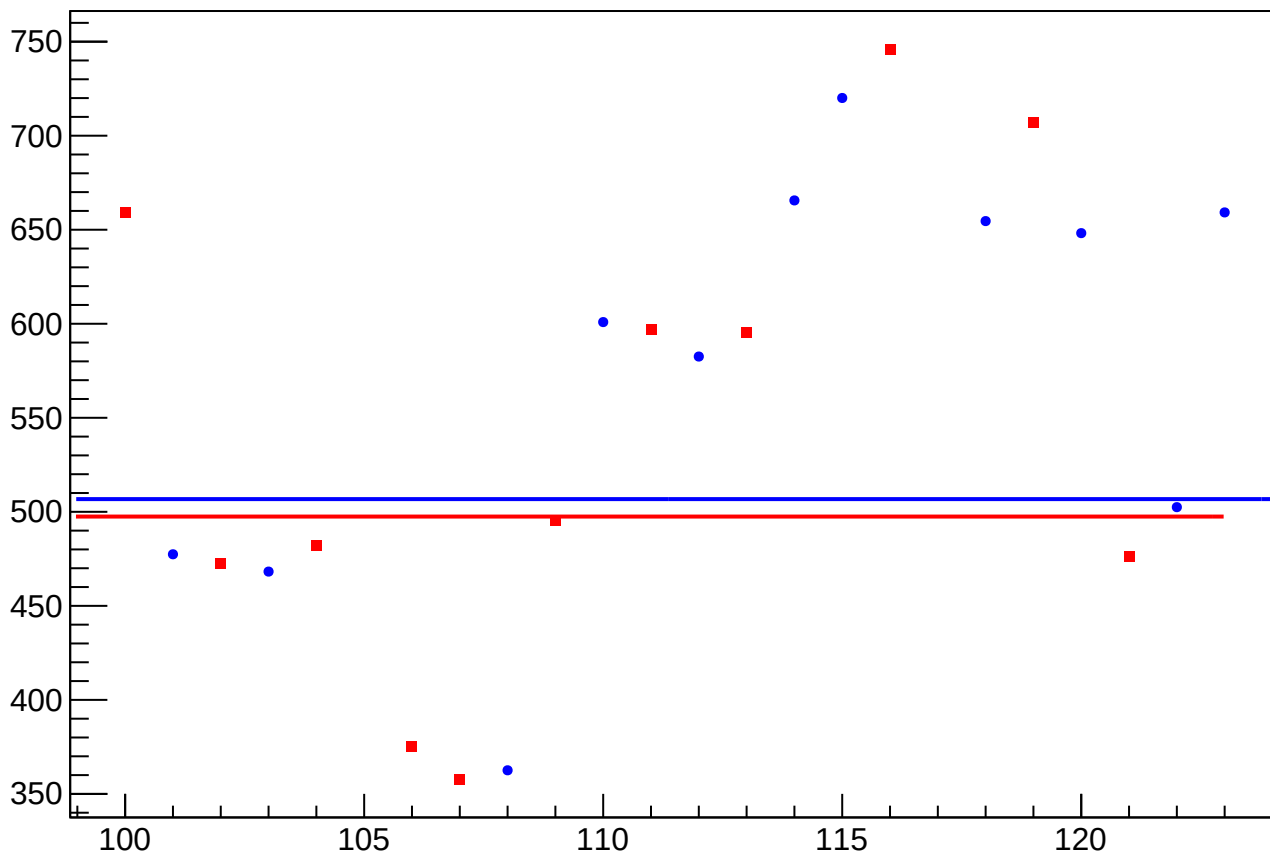
Right: -59.879+/-172.877 χ^2/NDF : 16.2/21

In: -160.716+/-253.747 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.879+/-172.877 χ^2/NDF : 16.2/21

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.761 $\pm$ 0.179 χ^2 /NDF: 305624.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 497.481 $\pm$ 0.167 χ^2 /NDF: 384246.2/10

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

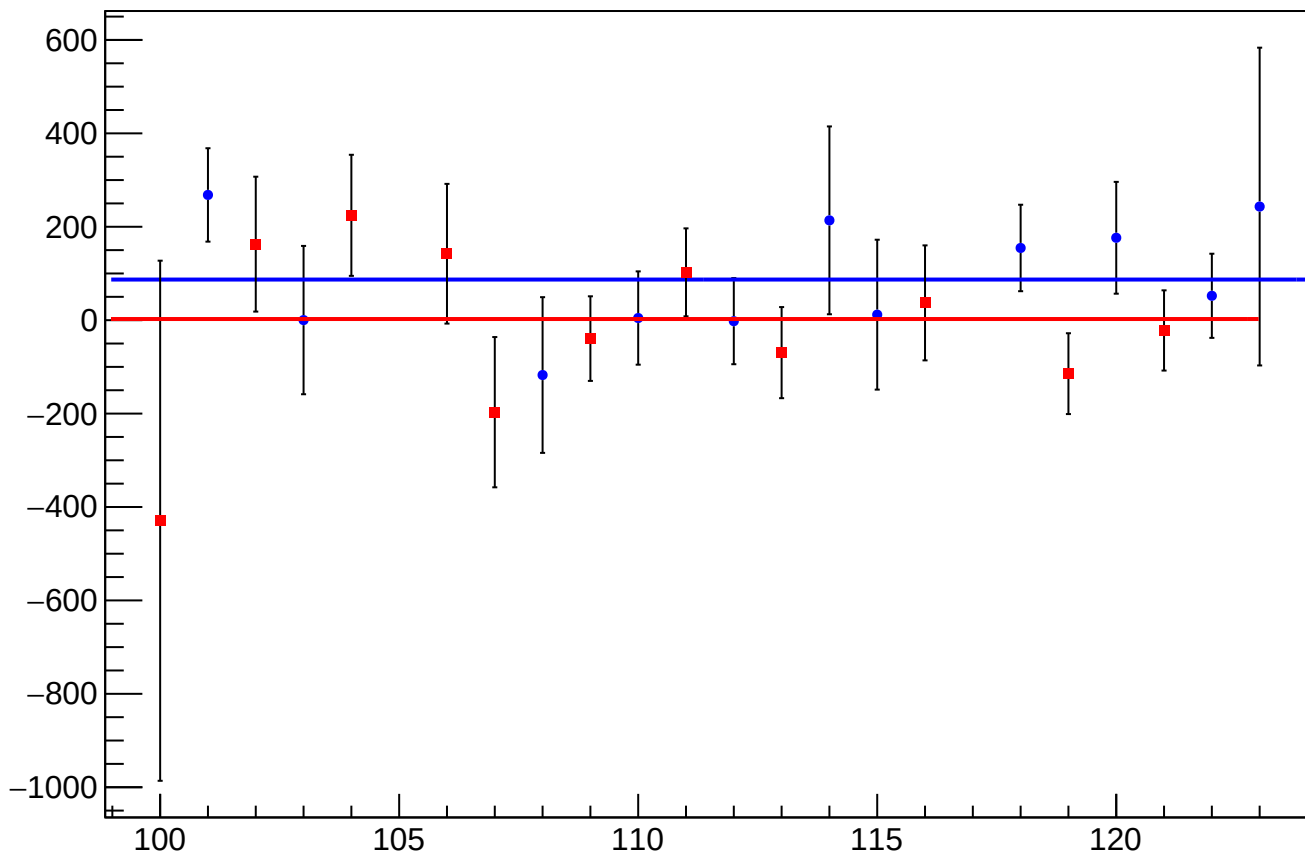
Right: 501.788 $\pm$ 0.122 χ^2 /NDF: 691303.5/21

In: 506.761 $\pm$ 0.179 χ^2 /NDF:305624.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 501.788 $\pm$ 0.122 χ^2 /NDF: 691303.5/21

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 86.985+/-35.911 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.480+/-33.923 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

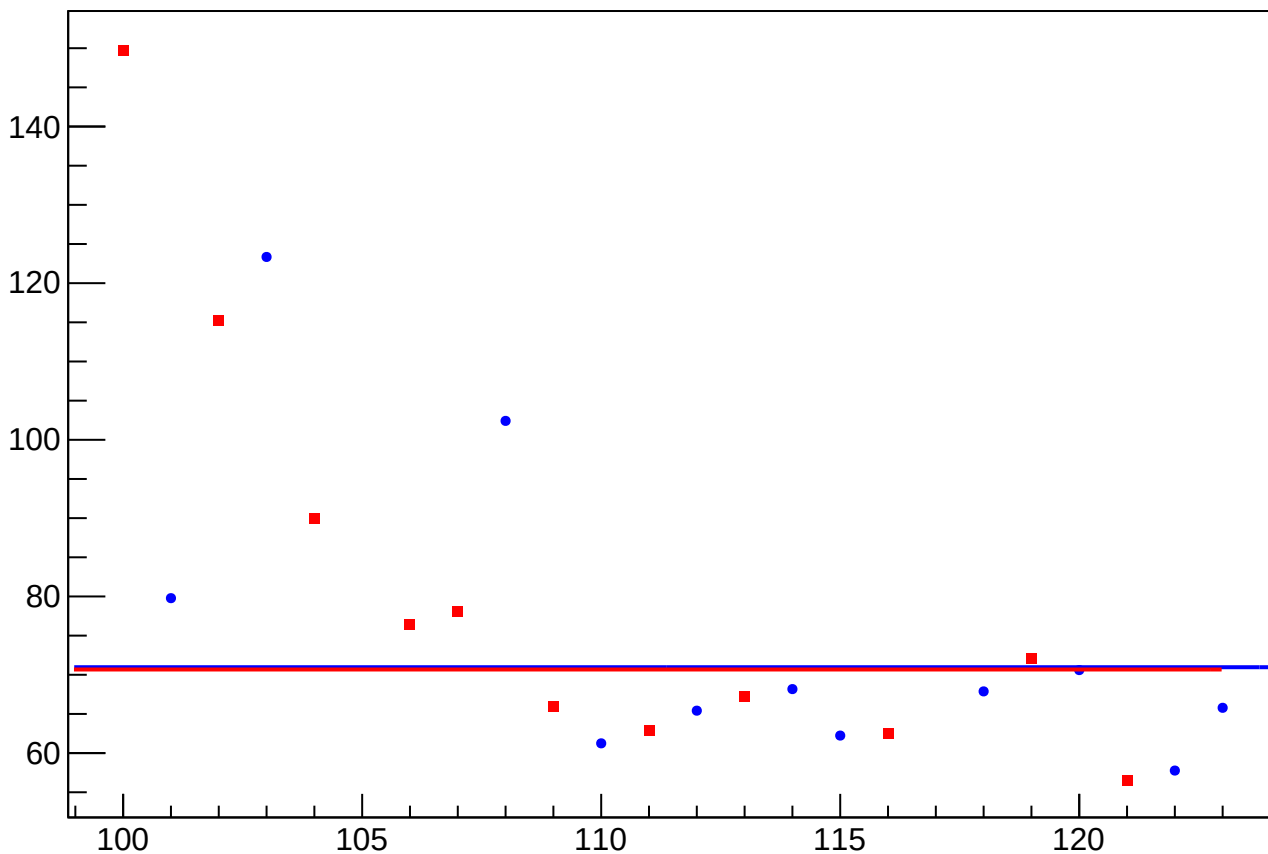
Right: 42.329+/-24.660 χ^2/NDF : 22.7/21

In: 86.985+/-35.911 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.329+/-24.660 χ^2/NDF : 22.7/21

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 70.965+/-0.025 χ^2/NDF : 382498.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.675+/-0.024 χ^2/NDF : 367801.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

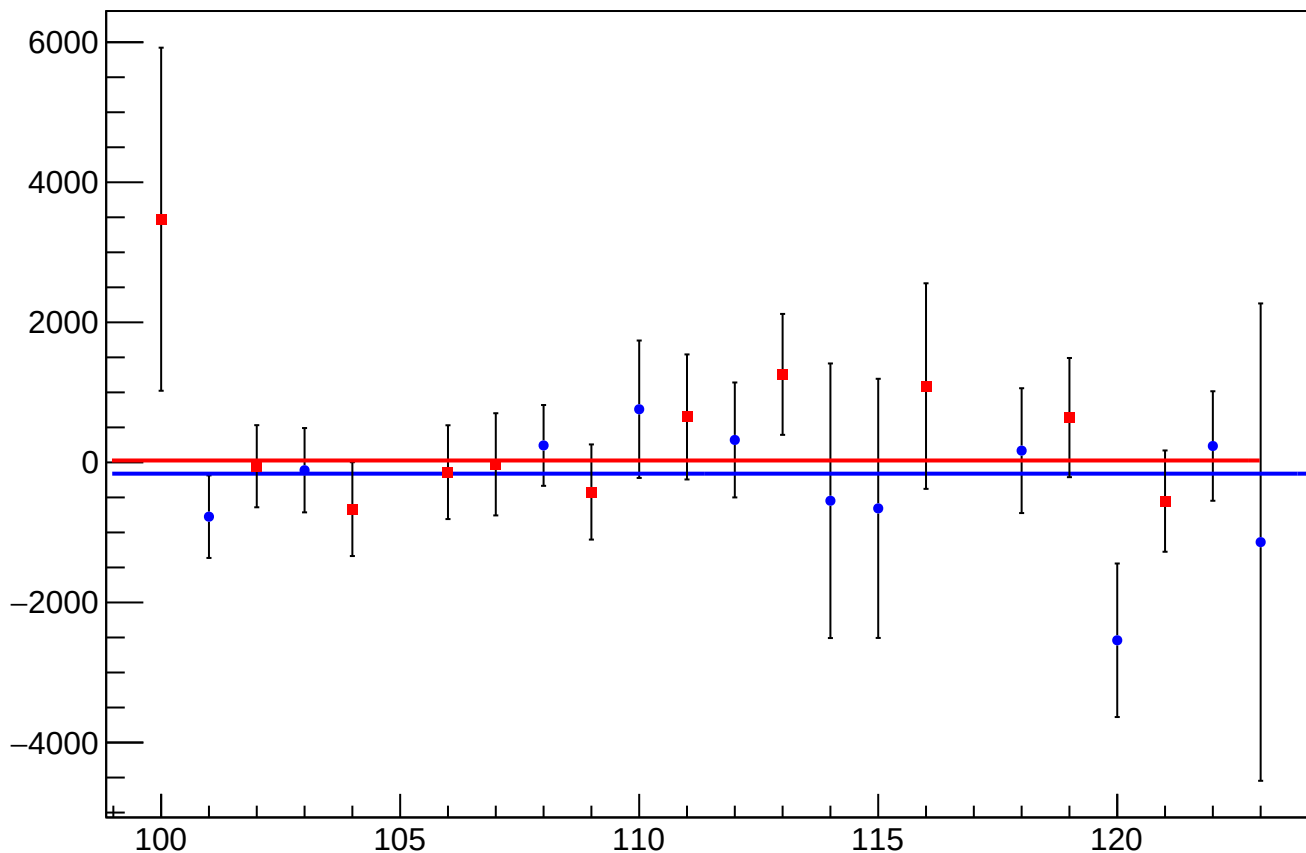
Right: 70.812+/-0.017 χ^2/NDF : 750369.0/21

In: 70.965+/-0.025 χ^2/NDF : 382498.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.812+/-0.017 χ^2/NDF : 750369.0/21

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.716+/-253.746 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.470+/-236.167 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

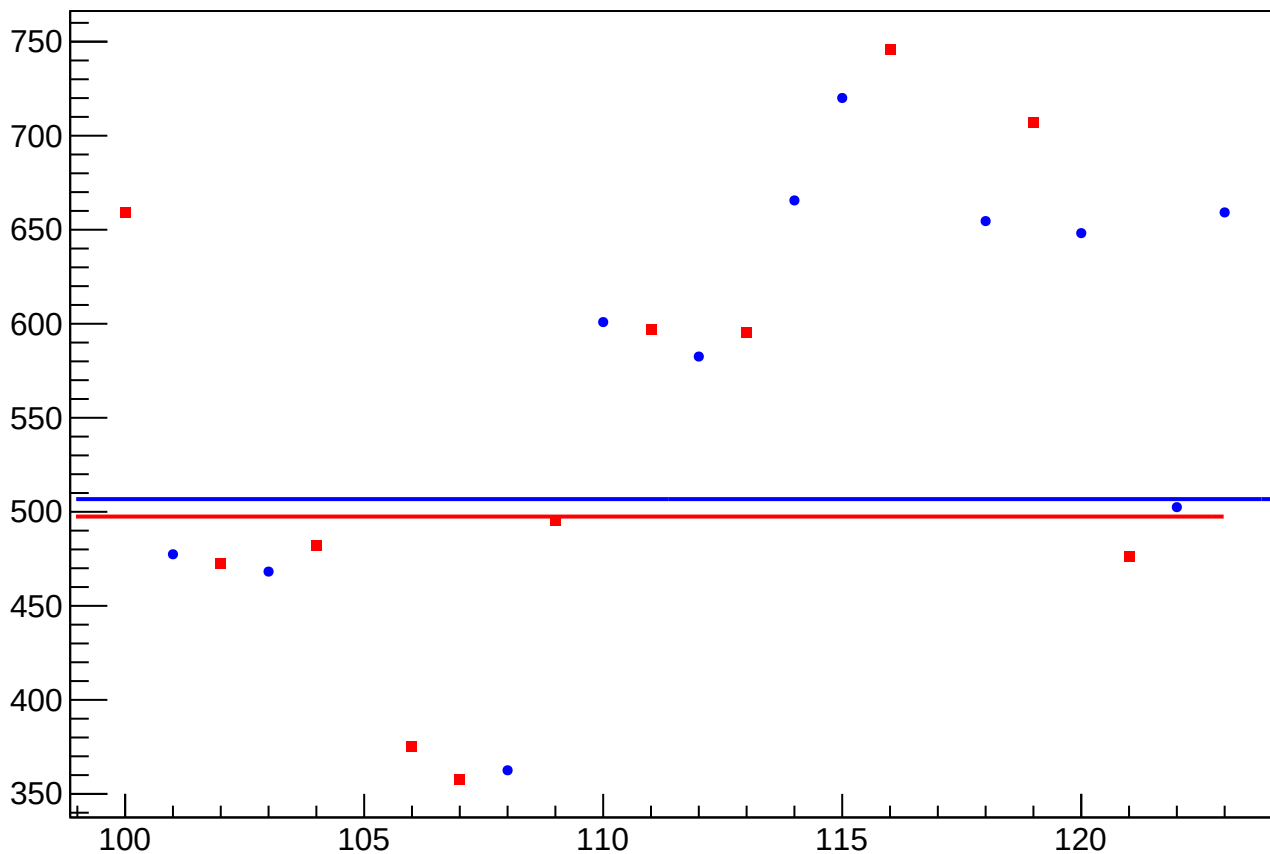
Right: -59.879+/-172.876 χ^2/NDF : 16.2/21

In: -160.716+/-253.746 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.879+/-172.876 χ^2/NDF : 16.2/21

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.760 $\pm$ 0.179 χ^2 /NDF: 305627.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 497.480 $\pm$ 0.167 χ^2 /NDF: 384248.8/10

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

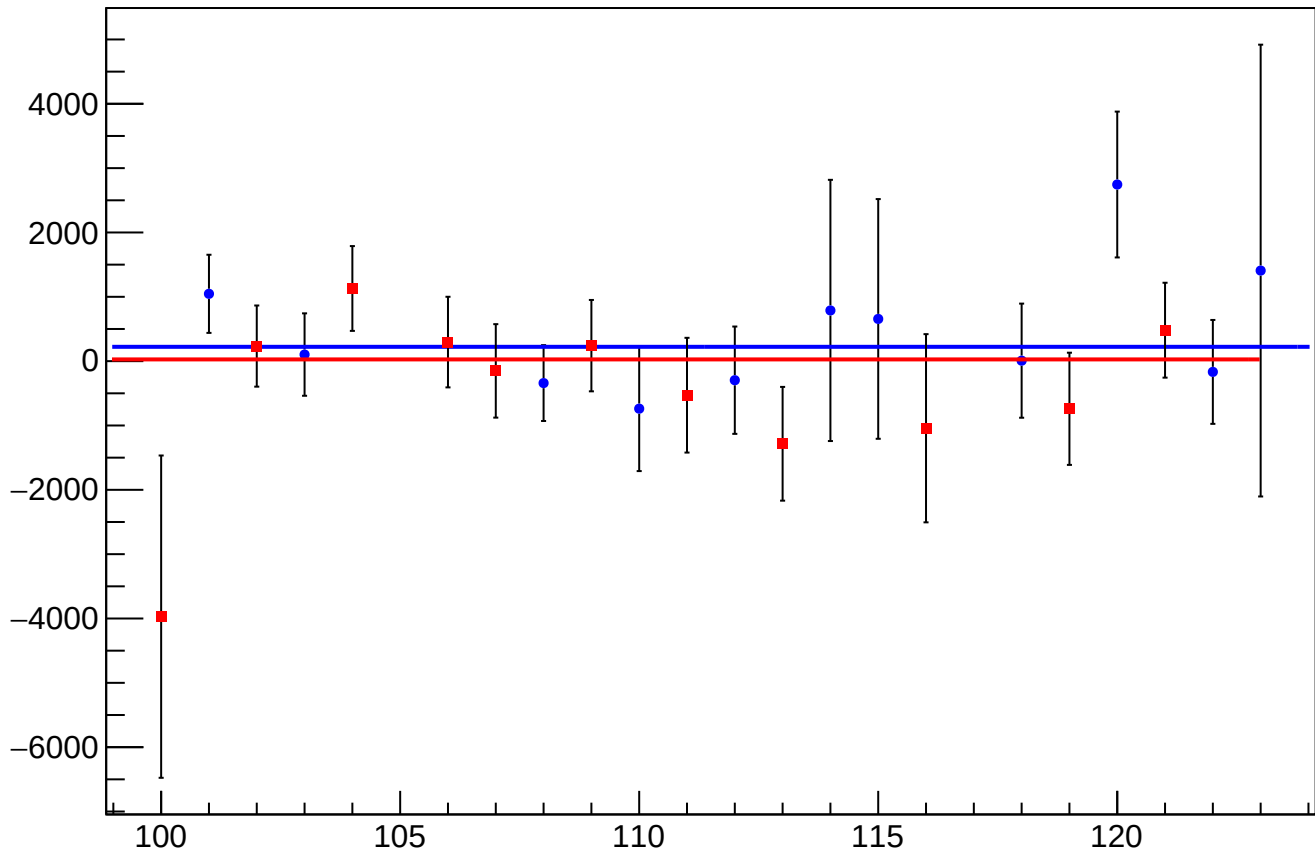
Right: 501.787 $\pm$ 0.122 χ^2 /NDF: 691309.9/21

In: 506.760 $\pm$ 0.179 χ^2 /NDF:305627.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 501.787 $\pm$ 0.122 χ^2 /NDF: 691309.9/21

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 222.816+/-260.603 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.985+/-242.325 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

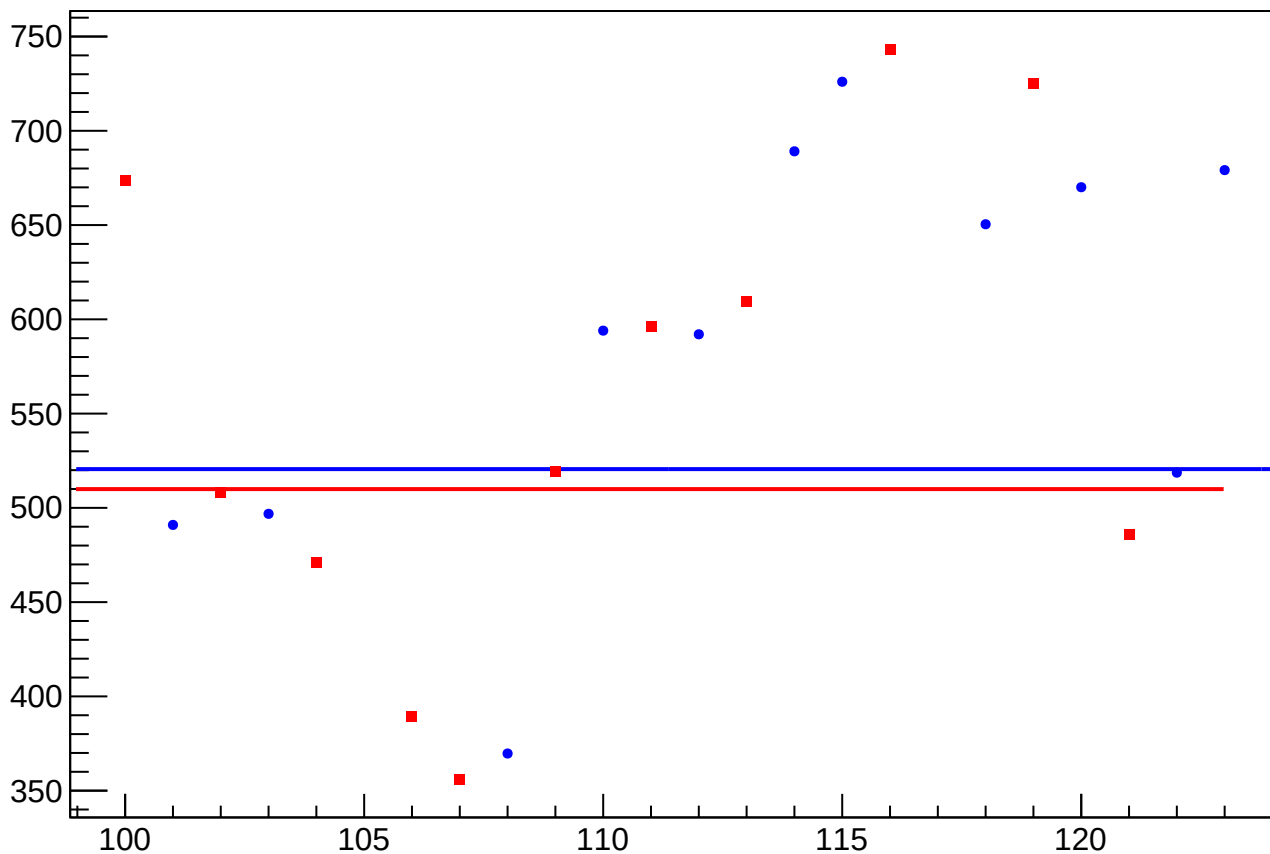
Right: 117.793+/-177.460 χ^2/NDF : 20.0/21

In: 222.816+/-260.603 χ^2/NDF : 9.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.793+/-177.460 χ^2/NDF : 20.0/21

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 520.553+/-0.184 χ^2/NDF : 284603.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.945+/-0.171 χ^2/NDF : 383454.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

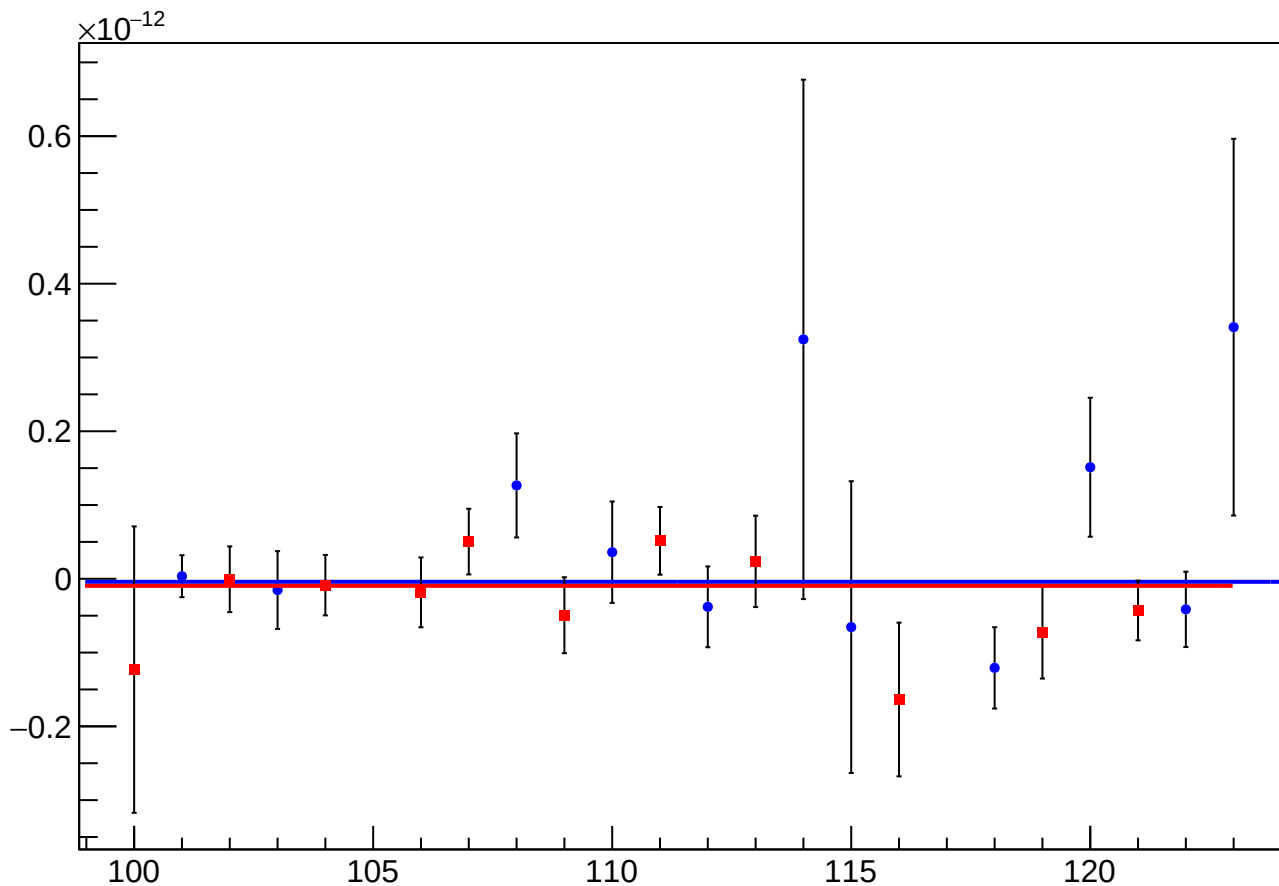
Right: 514.864+/-0.125 χ^2/NDF : 669834.5/21

In: 520.553+/-0.184 χ^2/NDF : 284603.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.864+/-0.125 χ^2/NDF : 669834.5/21

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/10

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

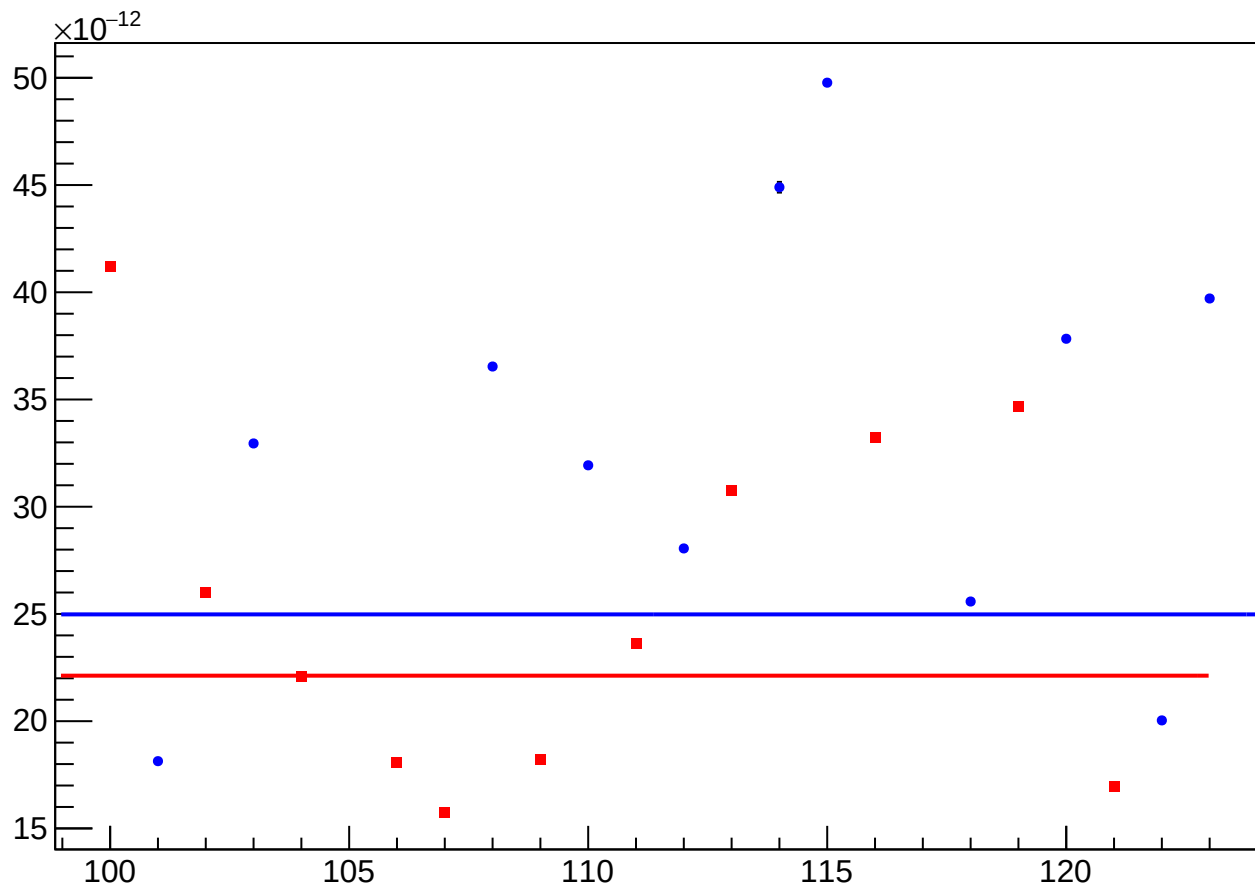
Right: -0.000+/-0.000 χ^2/NDF : 23.6/21

In: -0.000+/-0.000 χ^2/NDF : 14.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/21

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 342685.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 279030.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

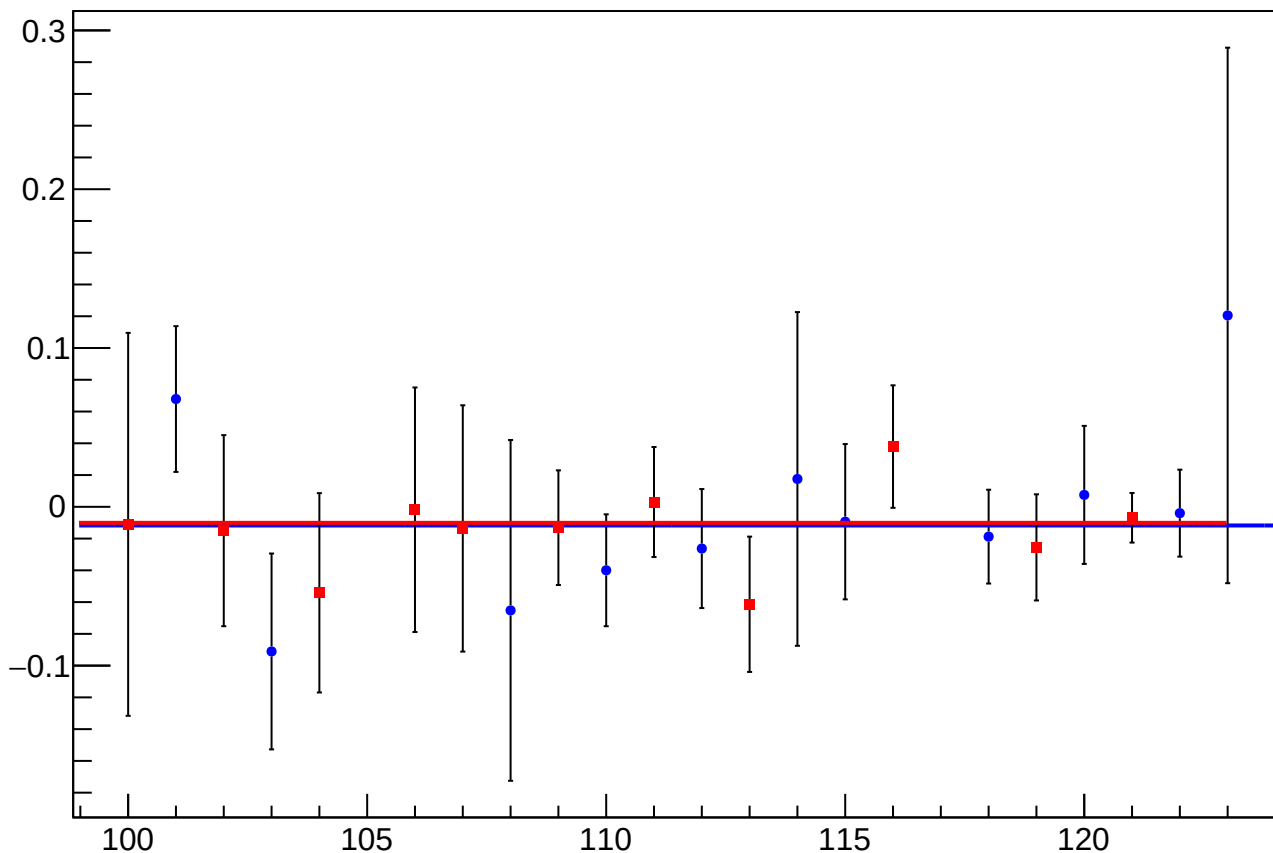
Right: 0.000+/-0.000 χ^2/NDF : 651304.6/21

In: 0.000+/-0.000 χ^2/NDF : 342685.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 651304.6/21

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.013 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.011 χ^2 /NDF: 3.9/10

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

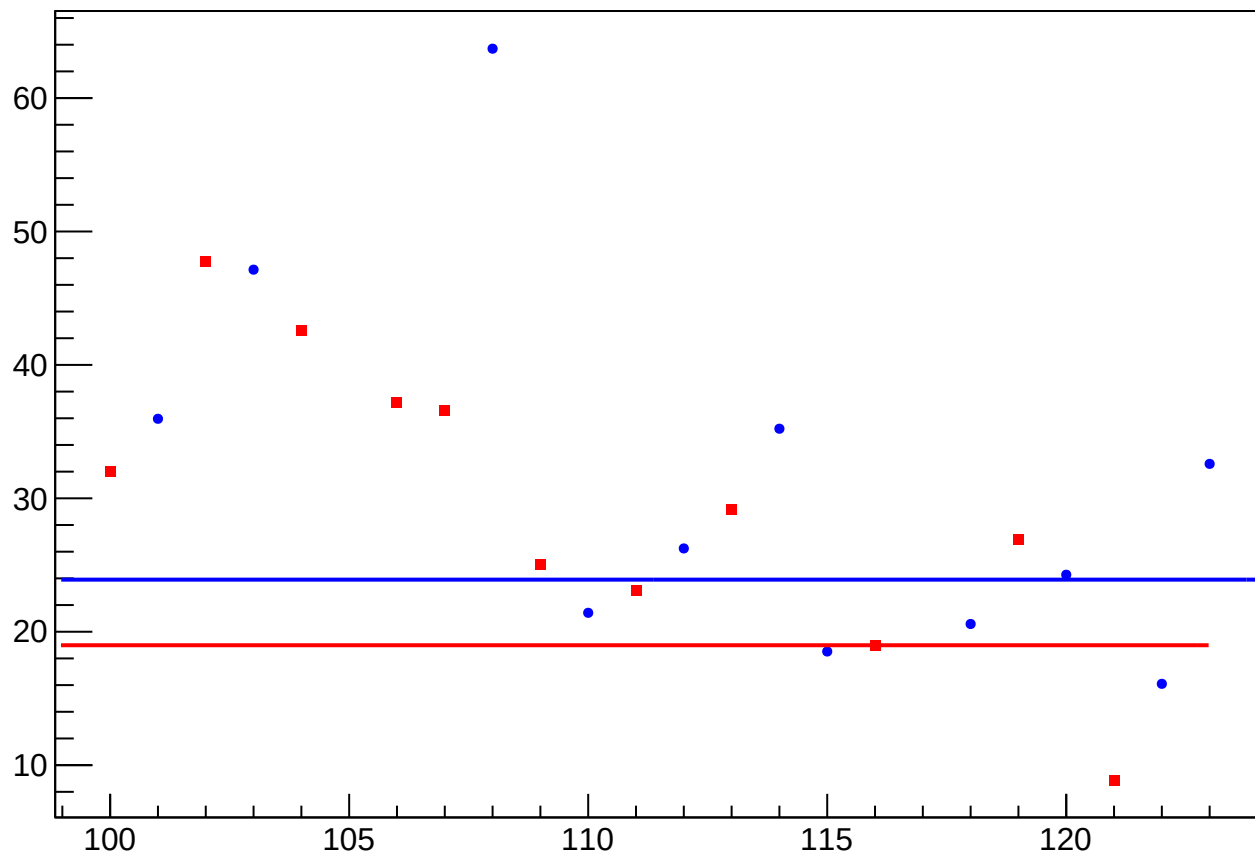
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 10.7/21

In: -0.012 $\pm$ 0.013 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 10.7/21

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.905+/-0.009 χ^2/NDF : 955707.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.988+/-0.008 χ^2/NDF : 2133308.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

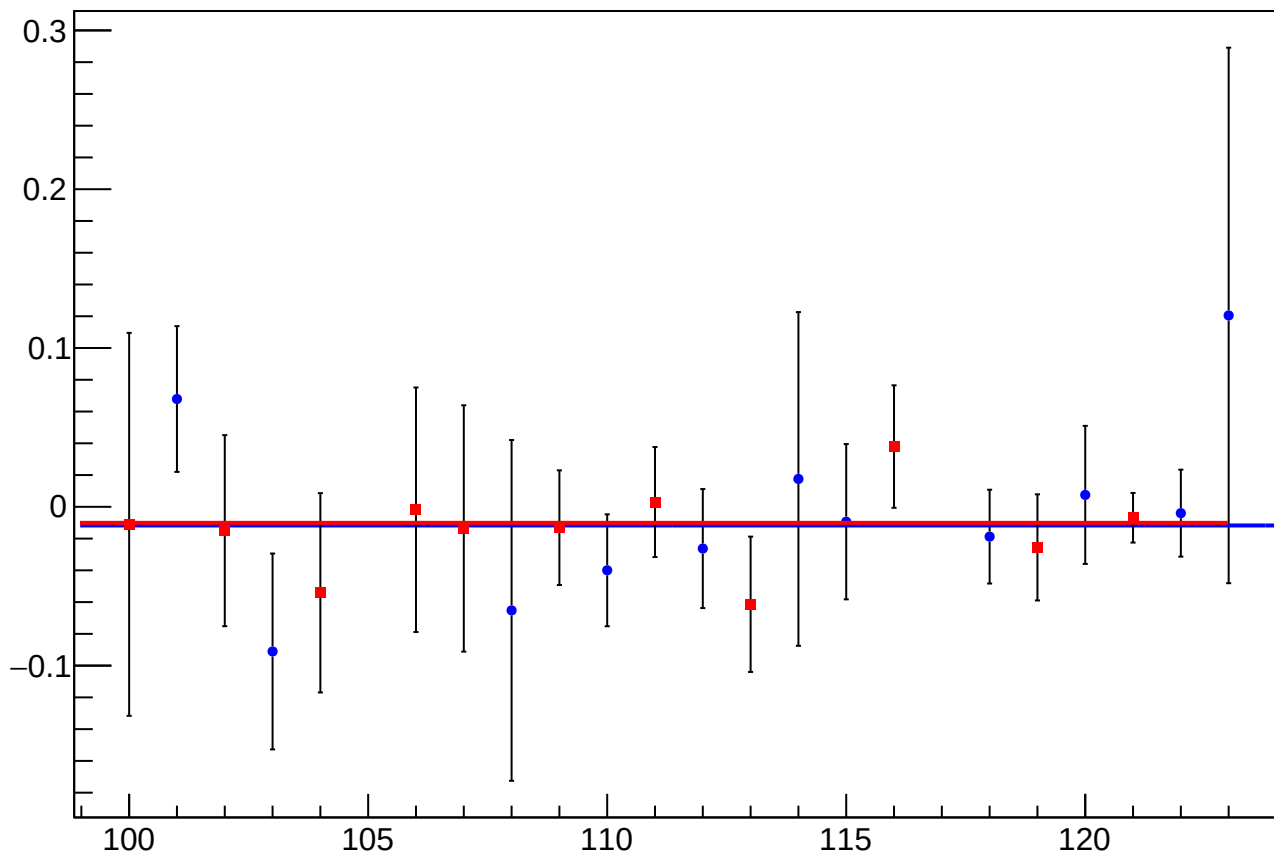
Right: 20.968+/-0.006 χ^2/NDF : 3259296.7/21

In: 23.905+/-0.009 χ^2/NDF : 955707.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.968+/-0.006 χ^2/NDF : 3259296.7/21

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.013 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.011 χ^2 /NDF: 3.9/10

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

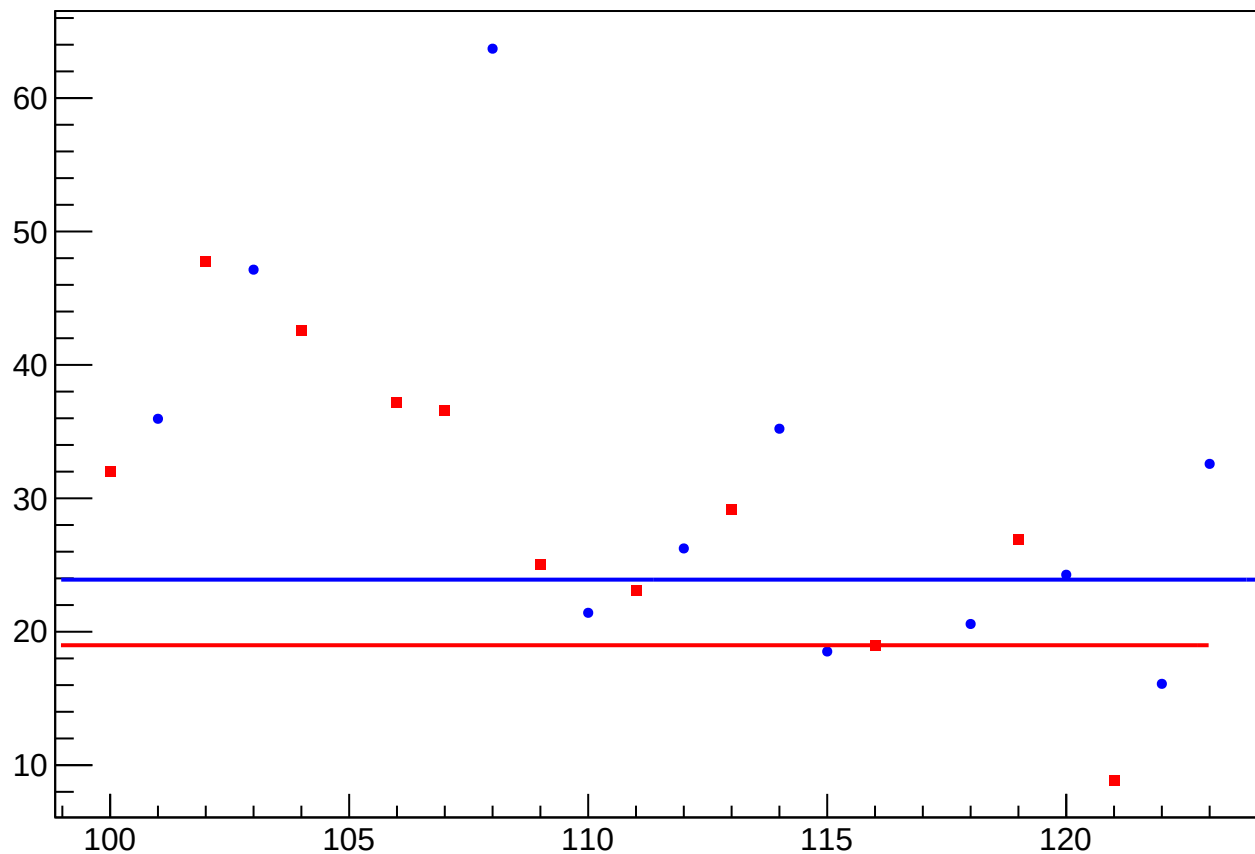
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 10.7/21

In: -0.012 $\pm$ 0.013 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 10.7/21

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.905+/-0.009 χ^2/NDF : 955707.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.988+/-0.008 χ^2/NDF : 2133308.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

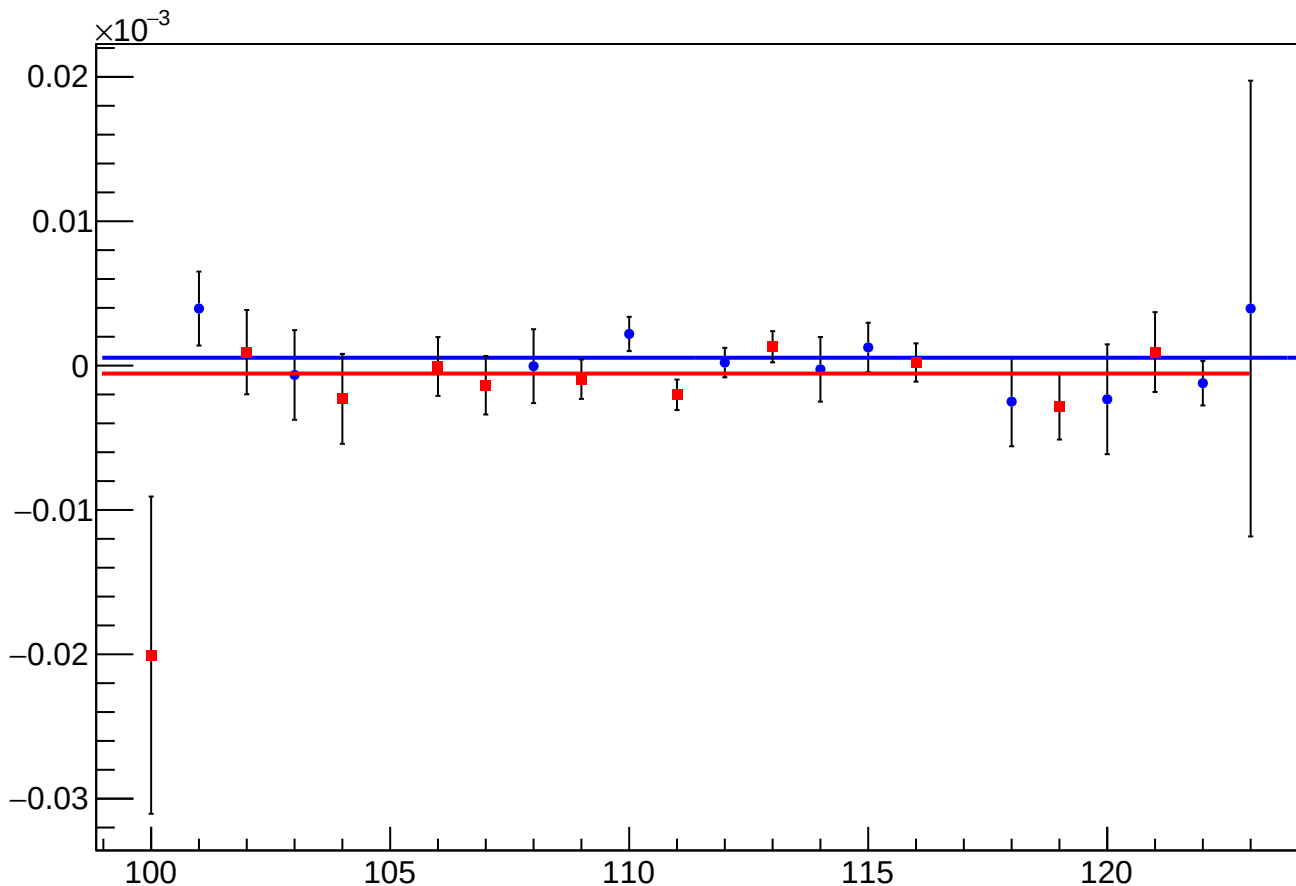
Right: 20.968+/-0.006 χ^2/NDF : 3259296.7/21

In: 23.905+/-0.009 χ^2/NDF : 955707.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.968+/-0.006 χ^2/NDF : 3259296.7/21

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 7.2/10

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

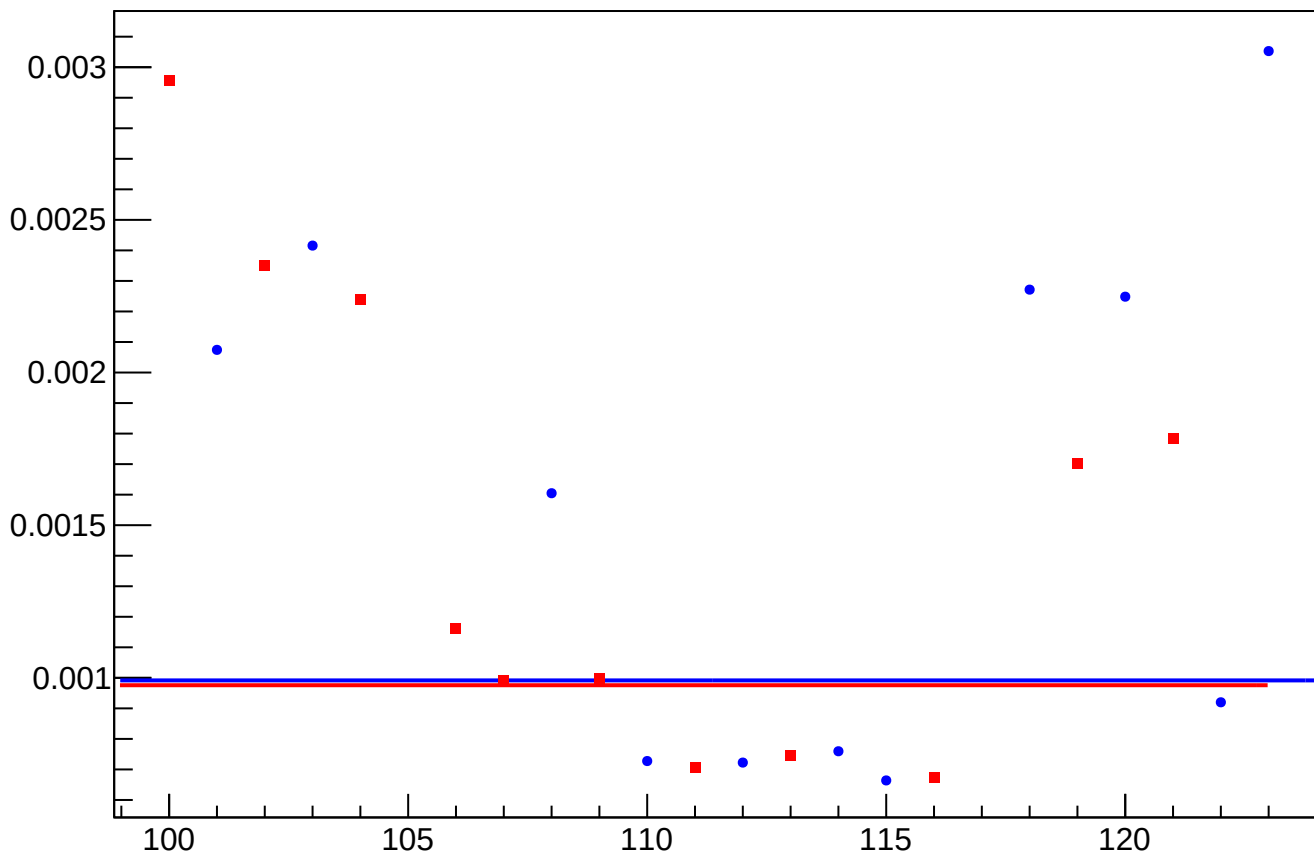
Right: -0.000 ± 0.000 χ^2/NDF : 19.9/21

In: 0.000 ± 0.000 χ^2/NDF : 7.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.9/21

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1825080.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1555783.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

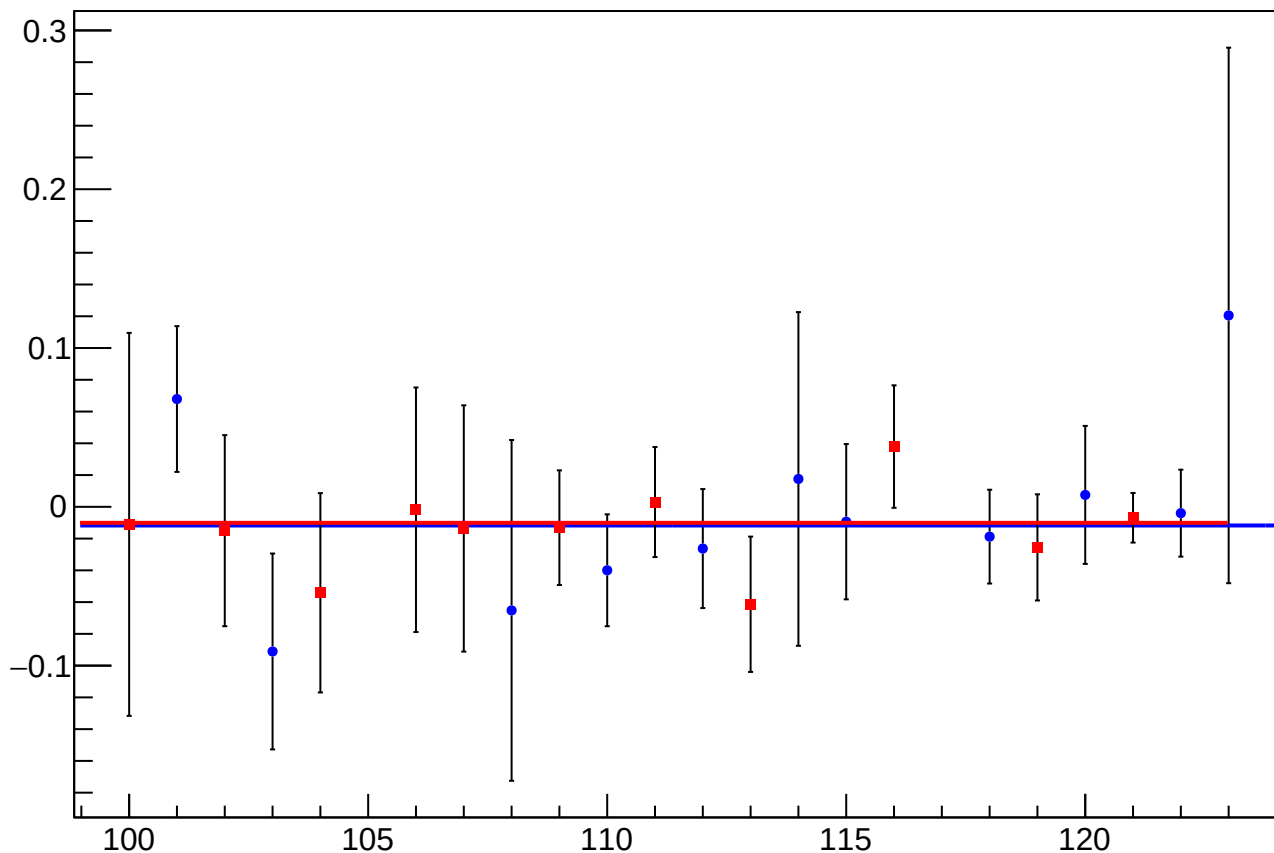
Right: 0.001+/-0.000 χ^2/NDF : 3381743.6/21

In: 0.001+/-0.000 χ^2/NDF :1825080.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3381743.6/21

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.013 χ^2/NDF : 6.7/10

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

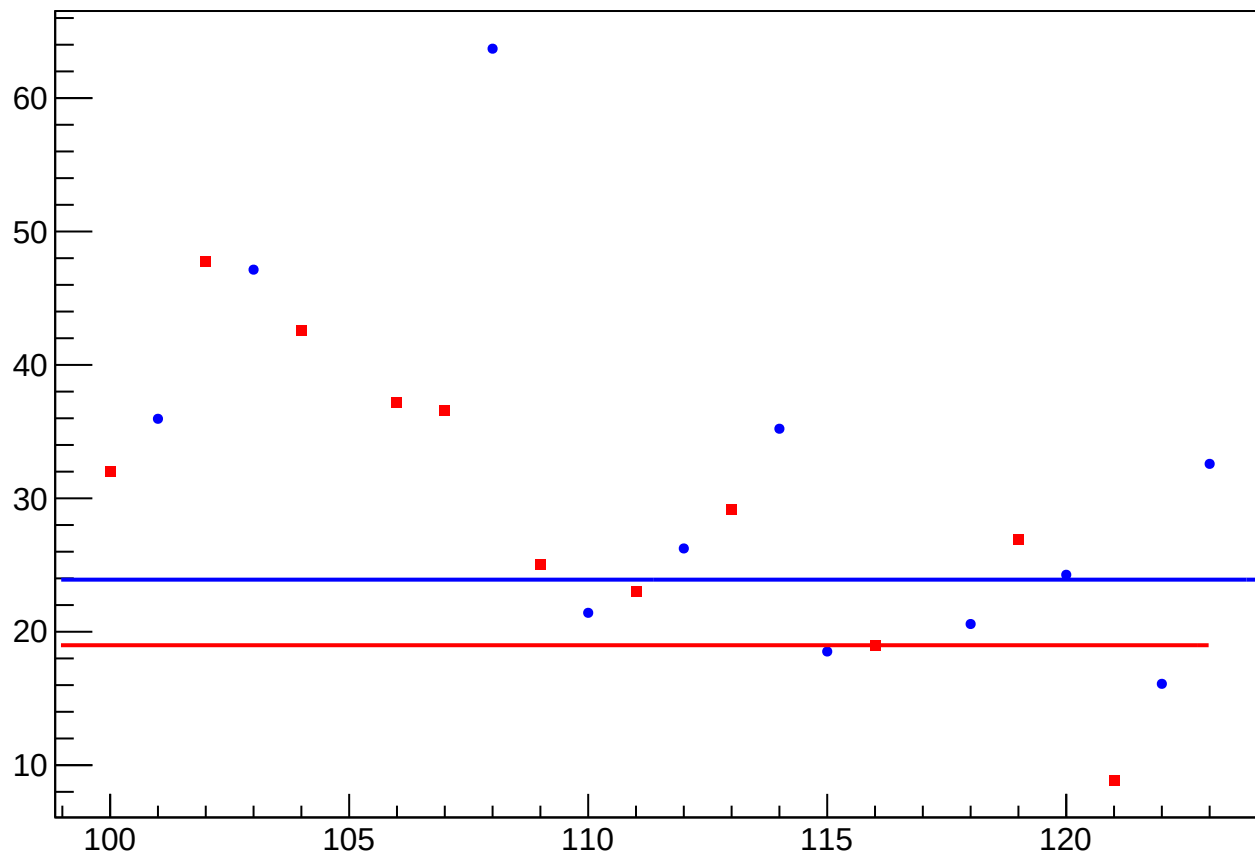
Right: -0.011+/-0.008 χ^2/NDF : 10.7/21

In: -0.012+/-0.013 χ^2/NDF :6.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.011+/-0.008 χ^2/NDF : 10.7/21

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.905 $\pm$ 0.009 χ^2 /NDF: 955685.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.990 $\pm$ 0.008 χ^2 /NDF: 2132986.9/10

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

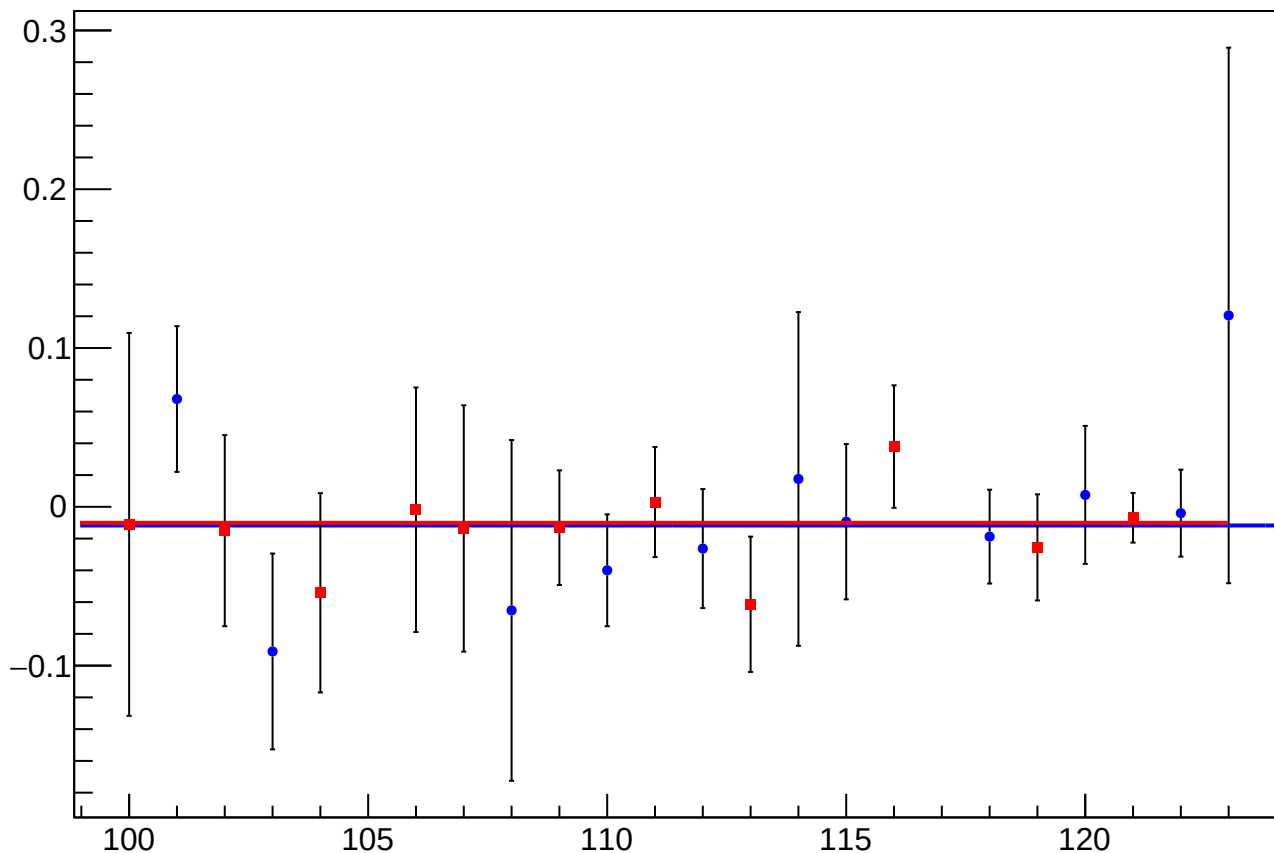
Right: 20.968 $\pm$ 0.006 χ^2 /NDF: 3258872.5/21

In: 23.905 $\pm$ 0.009 χ^2 /NDF: 955685.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.968 $\pm$ 0.006 χ^2 /NDF: 3258872.5/21

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.013 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.011 χ^2 /NDF: 3.9/10

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

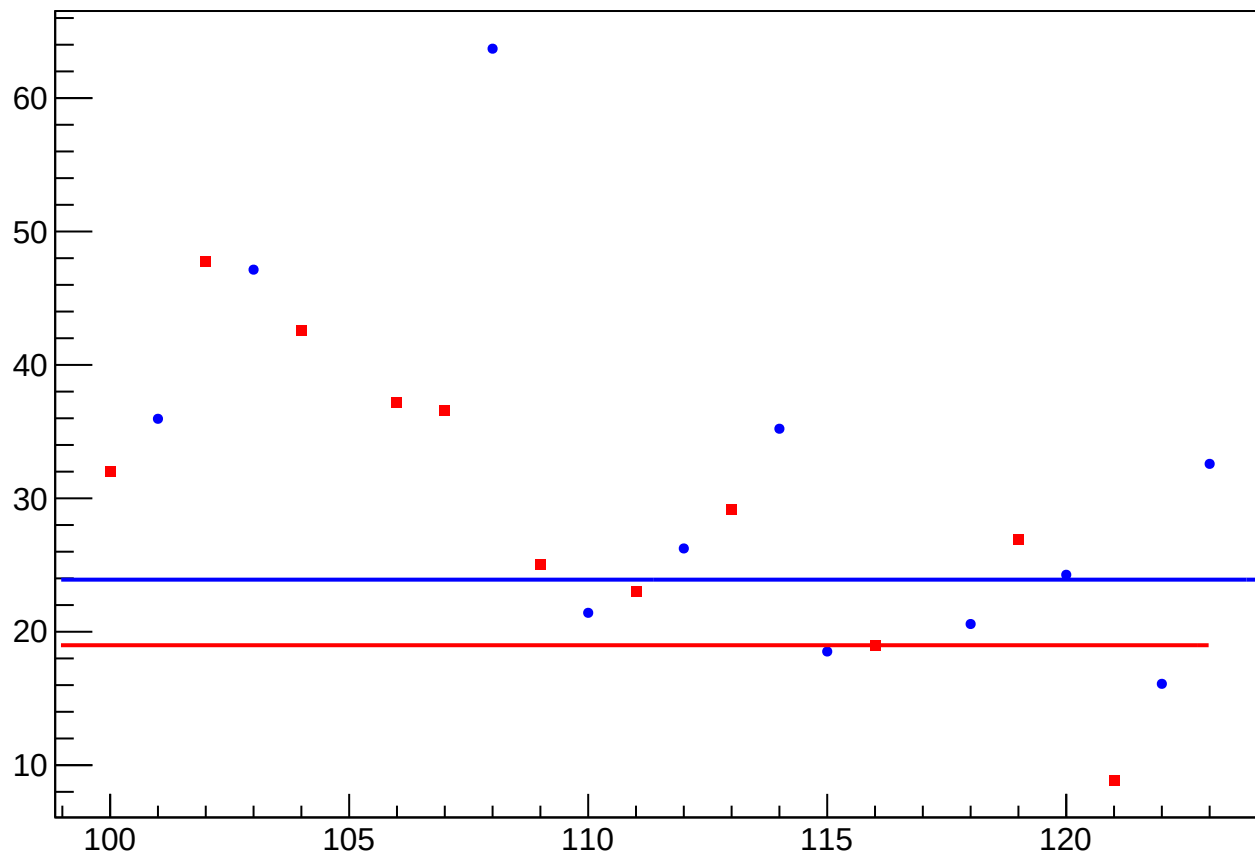
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 10.7/21

In: -0.012 $\pm$ 0.013 χ^2 /NDF:6.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 10.7/21

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.905+/-0.009 χ^2/NDF : 955685.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.990+/-0.008 χ^2/NDF : 2132986.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

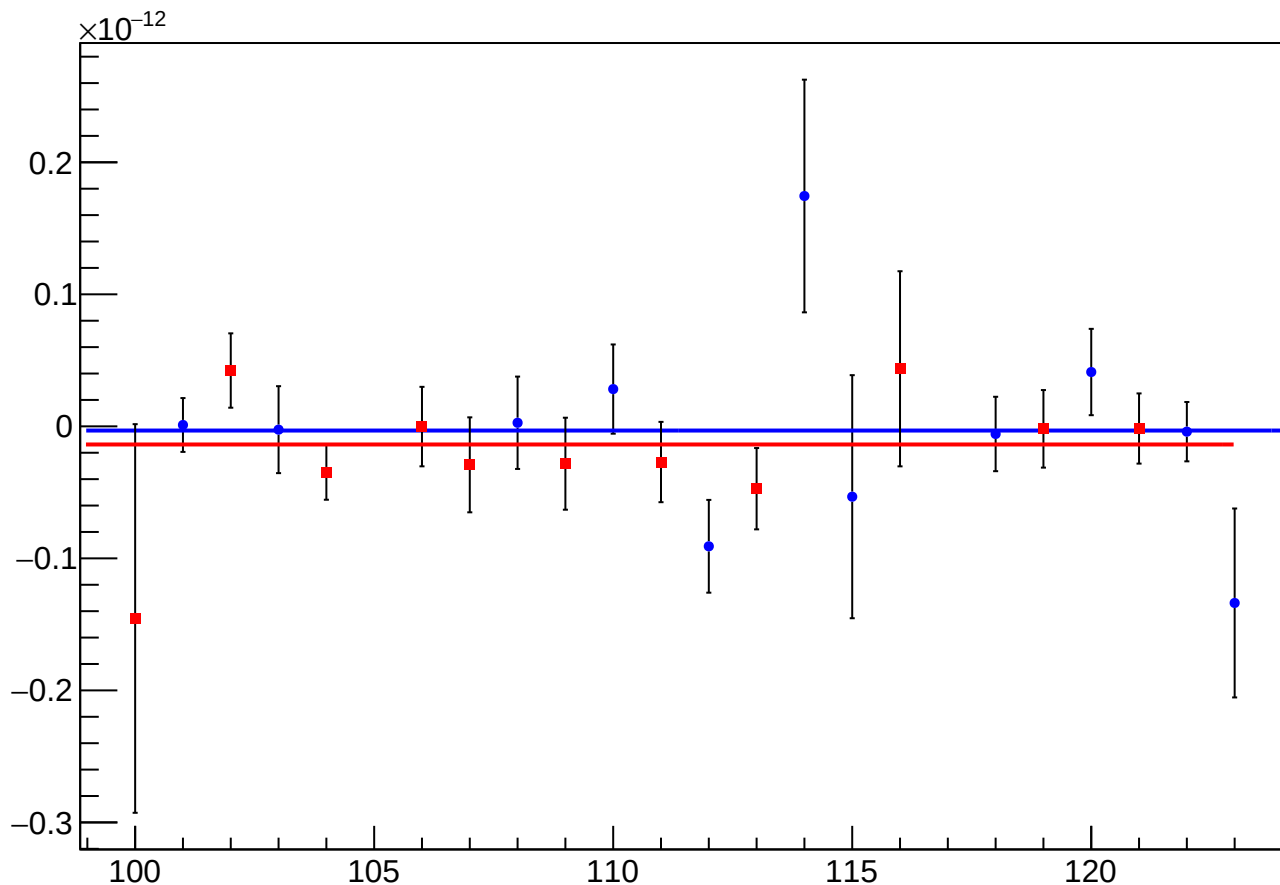
Right: 20.968+/-0.006 χ^2/NDF : 3258872.5/21

In: 23.905+/-0.009 χ^2/NDF : 955685.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.968+/-0.006 χ^2/NDF : 3258872.5/21

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.7/10

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

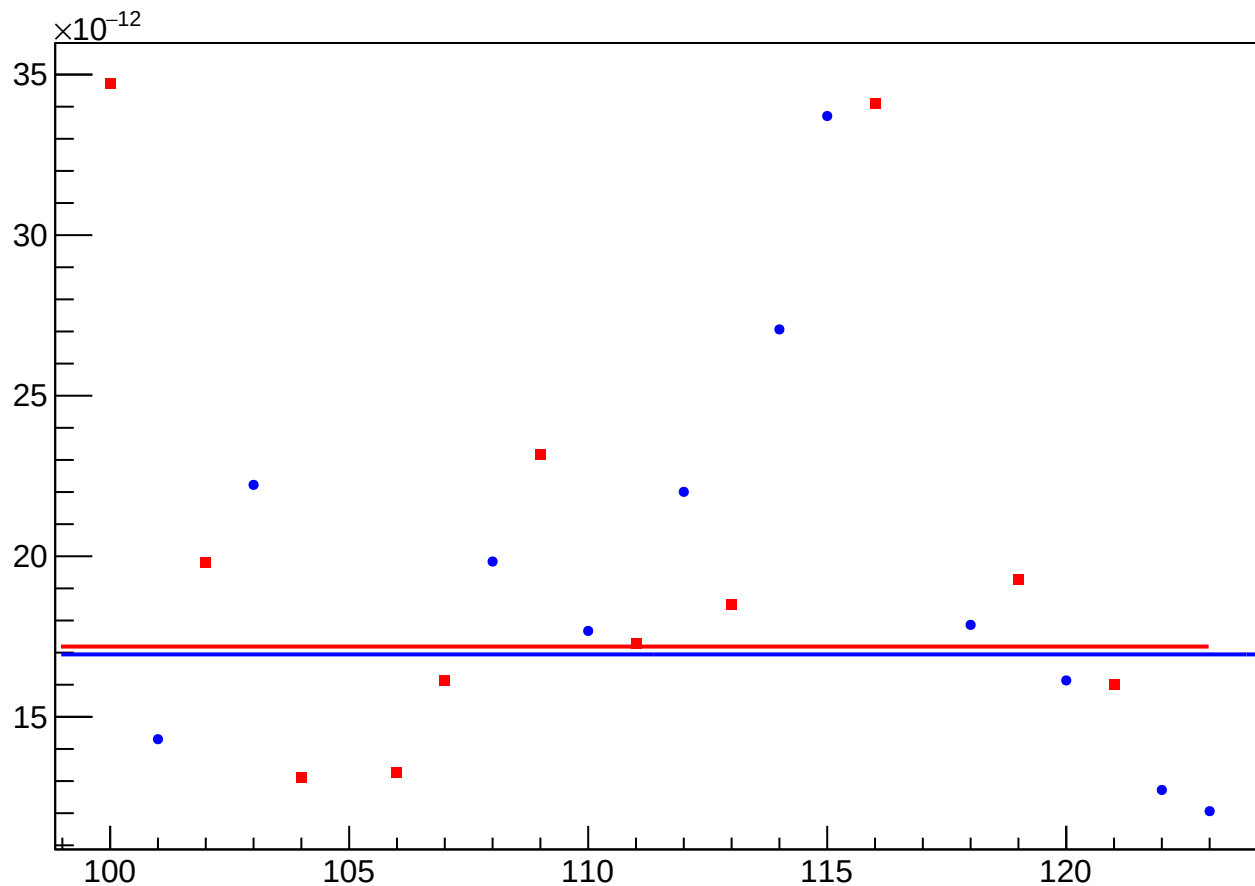
Right: -0.000+/-0.000 χ^2/NDF : 26.0/21

In: -0.000+/-0.000 χ^2/NDF : 16.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.0/21

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 316941.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 337209.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

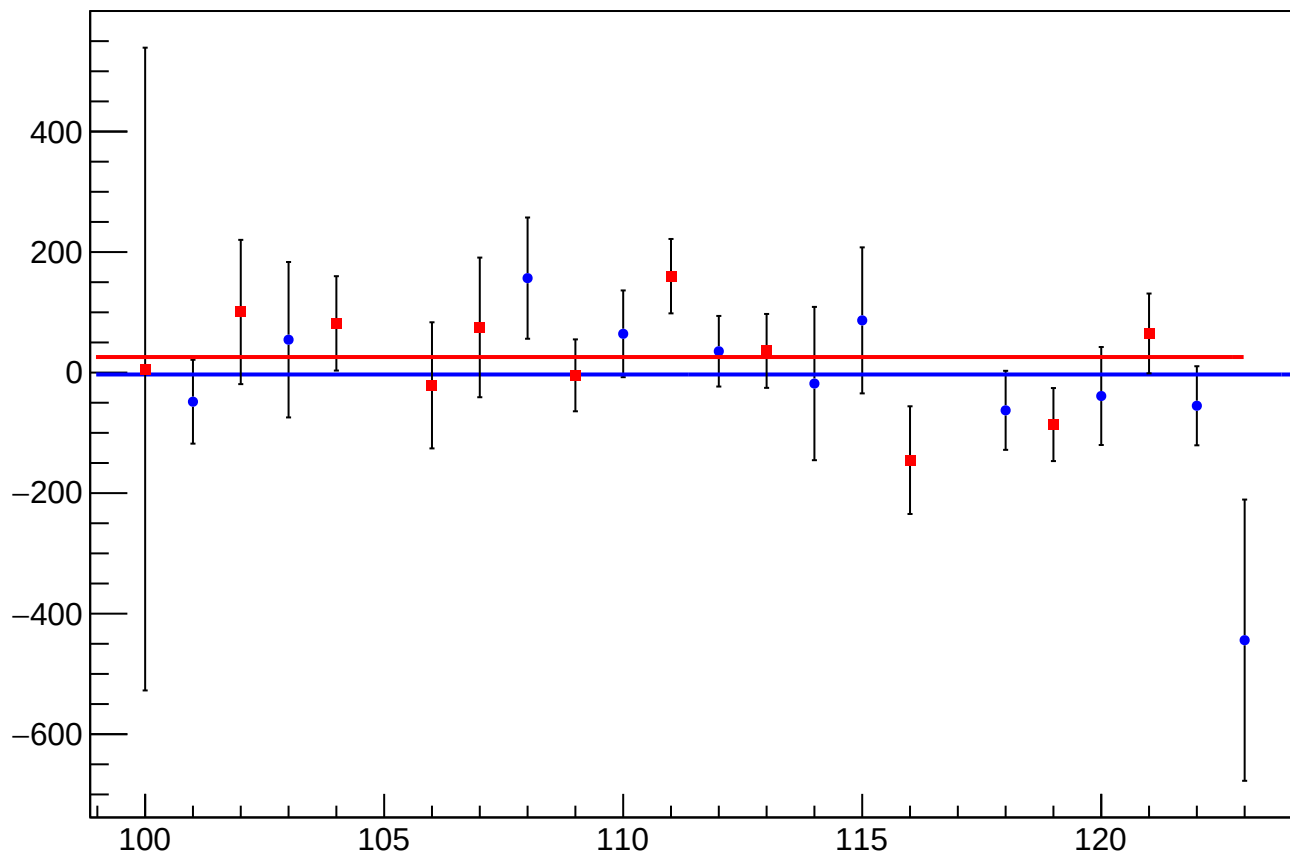
Right: 0.000+/-0.000 χ^2/NDF : 654796.8/21

In: 0.000+/-0.000 χ^2/NDF : 316941.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 654796.8/21

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -3.131+/-24.888 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.832+/-23.329 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

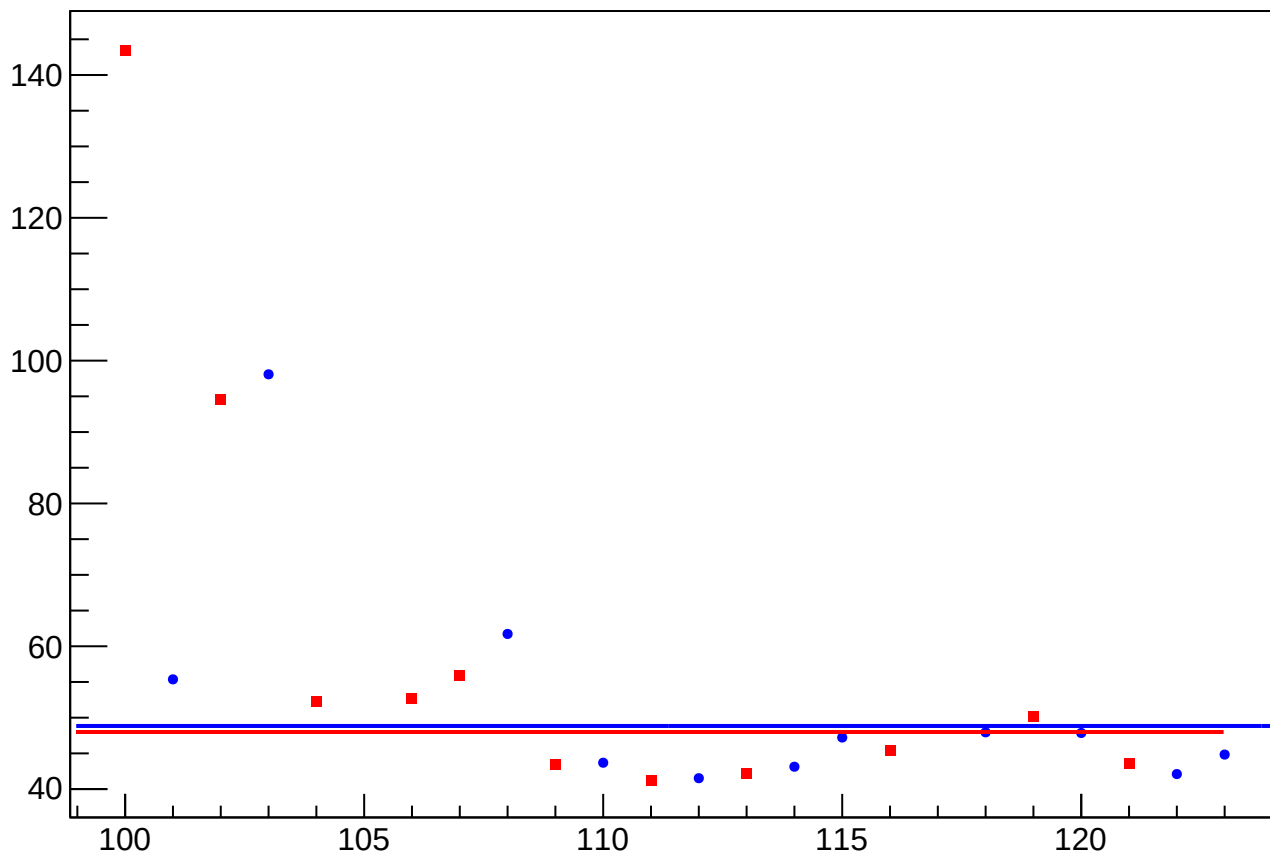
Right: 12.286+/-17.021 χ^2/NDF : 24.7/21

In: -3.131+/-24.888 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.286+/-17.021 χ^2/NDF : 24.7/21

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.840+/-0.018 χ^2/NDF : 410142.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.993+/-0.016 χ^2/NDF : 452350.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

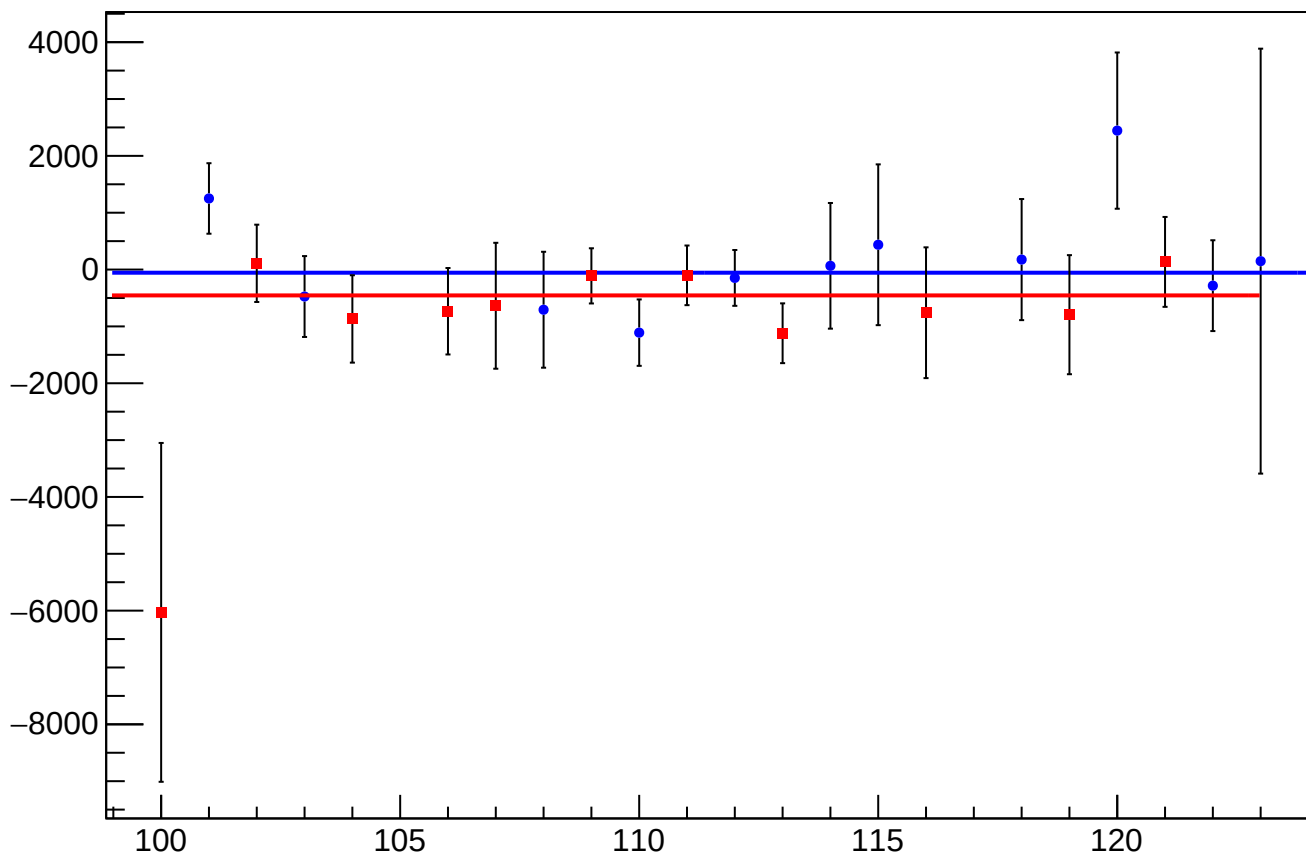
Right: 48.389+/-0.012 χ^2/NDF : 863726.1/21

In: 48.840+/-0.018 χ^2/NDF : 410142.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.389+/-0.012 χ^2/NDF : 863726.1/21

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -55.475+/-242.635 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.743+/-216.803 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

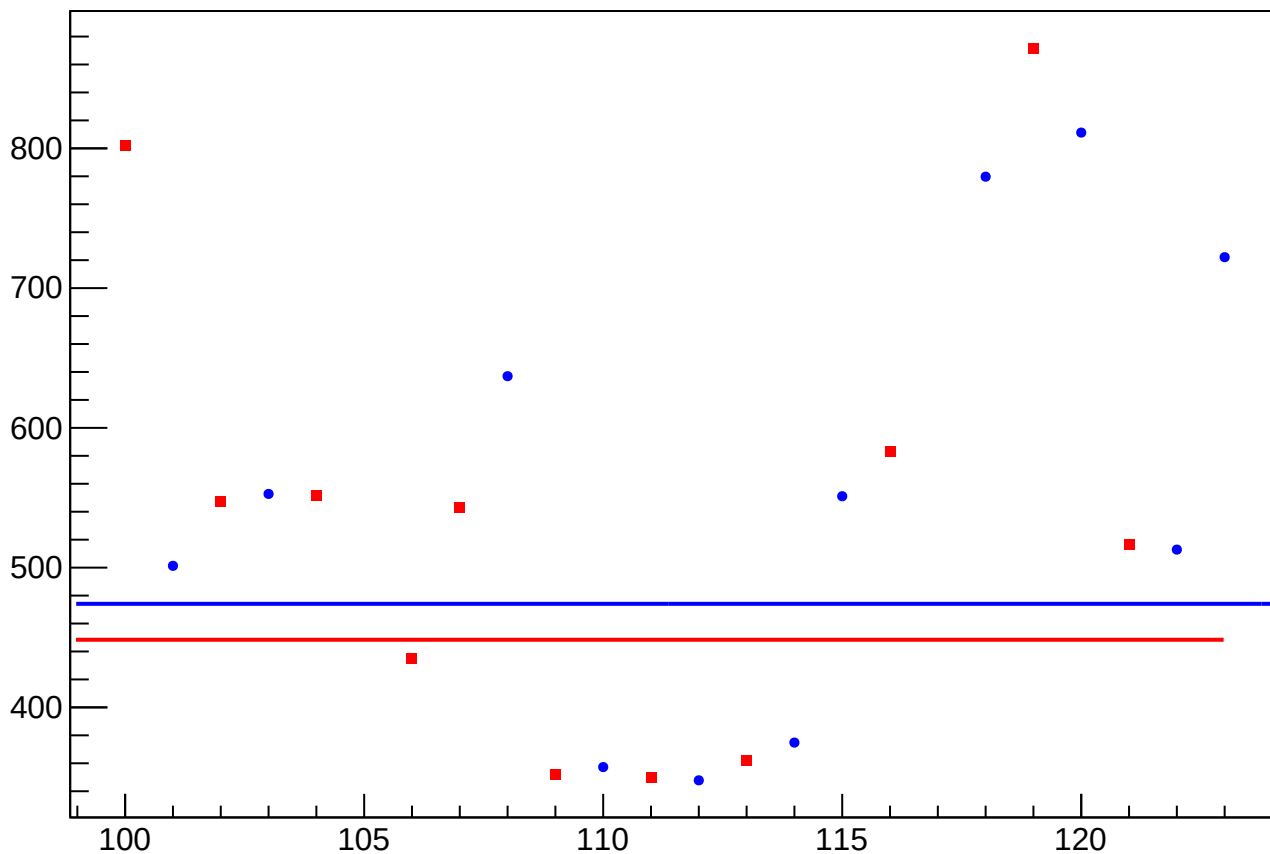
Right: -277.487+/-161.667 χ^2/NDF : 21.5/21

In: -55.475+/-242.635 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.487+/-161.667 χ^2/NDF : 21.5/21

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 474.103+/-0.172 χ^2/NDF : 612319.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.391+/-0.153 χ^2/NDF : 693948.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

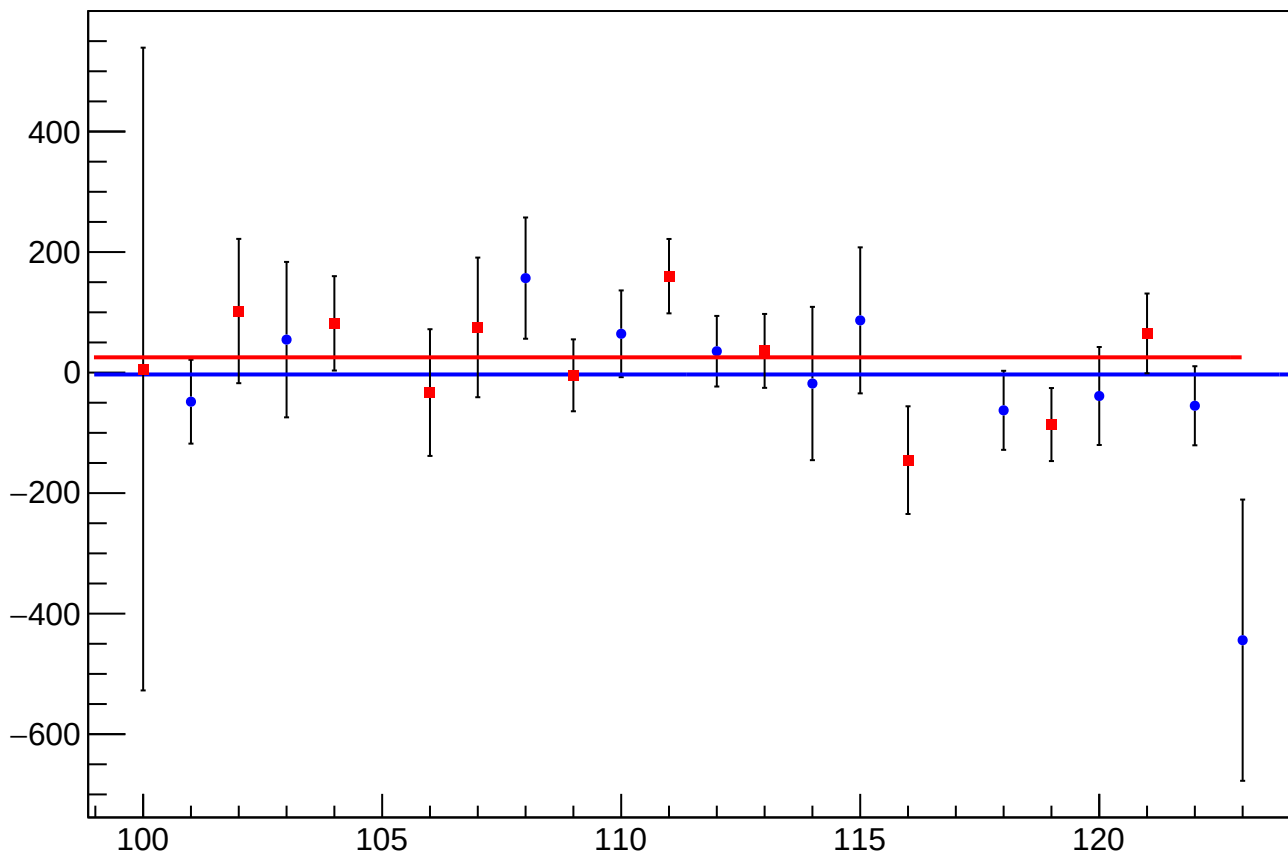
Right: 459.806+/-0.114 χ^2/NDF : 1318756.6/21

In: 474.103+/-0.172 χ^2/NDF : 612319.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.806+/-0.114 χ^2/NDF : 1318756.6/21

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -3.122 ± 24.888 $\chi^2/\text{NDF}: 10.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.325 ± 23.335 $\chi^2/\text{NDF}: 13.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

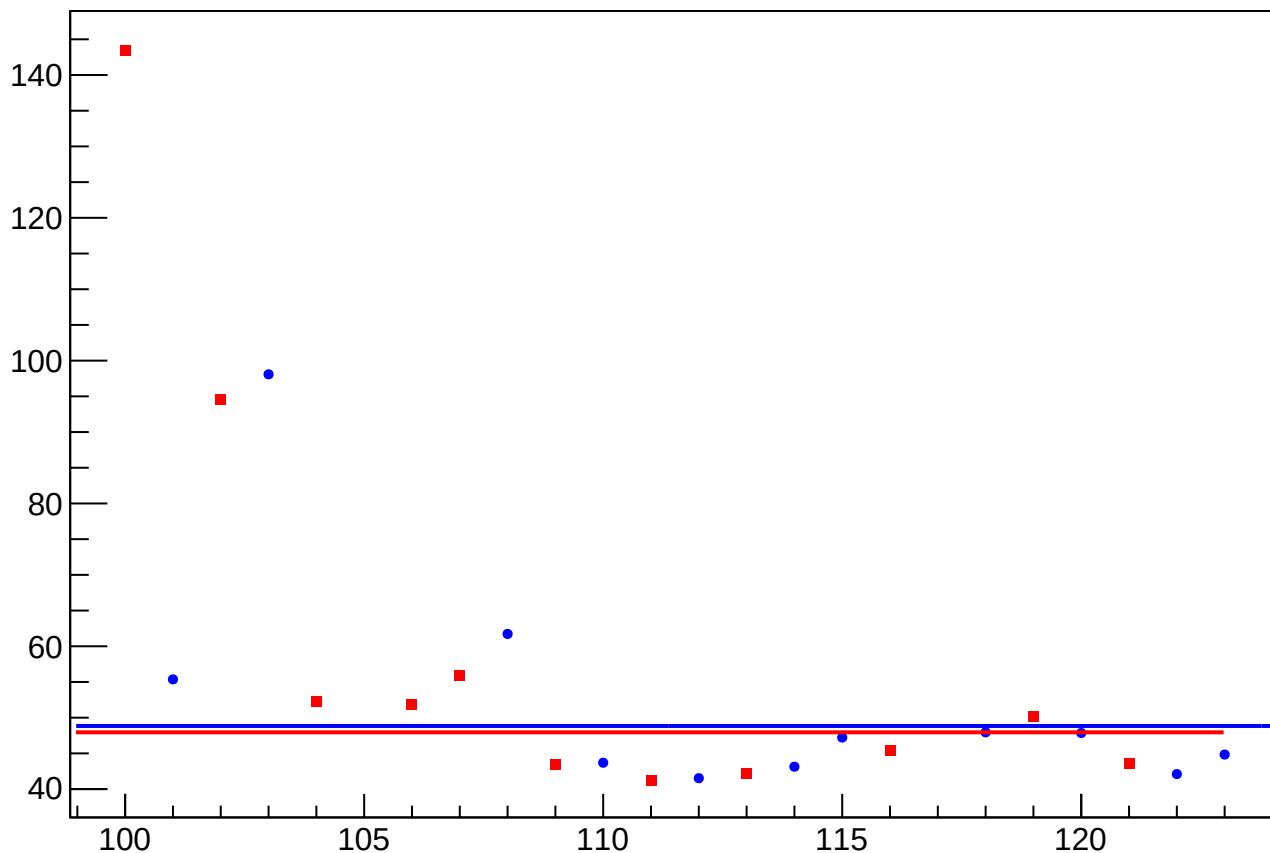
Right: 12.017 ± 17.023 $\chi^2/\text{NDF}: 24.8/21$

In: -3.122 ± 24.888 $\chi^2/\text{NDF}: 10.2/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 12.017 ± 17.023 $\chi^2/\text{NDF}: 24.8/21$

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.840 $\pm$ 0.018 χ^2 /NDF: 410145.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.950 $\pm$ 0.017 χ^2 /NDF: 451273.4/10

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

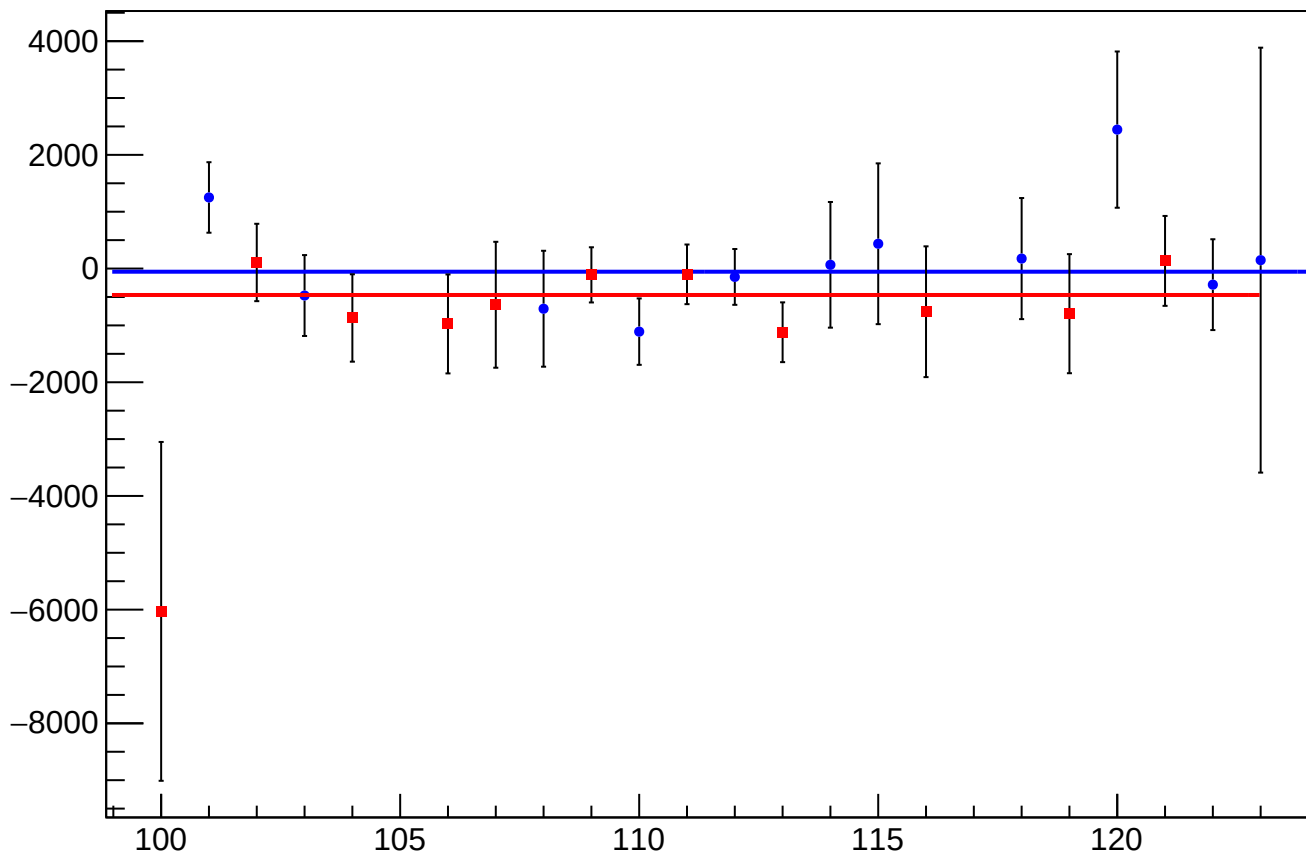
Right: 48.367 $\pm$ 0.012 χ^2 /NDF: 862779.5/21

In: 48.840 $\pm$ 0.018 χ^2 /NDF:410145.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.367 $\pm$ 0.012 χ^2 /NDF: 862779.5/21

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -55.473+/-242.637 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -464.913+/-218.935 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

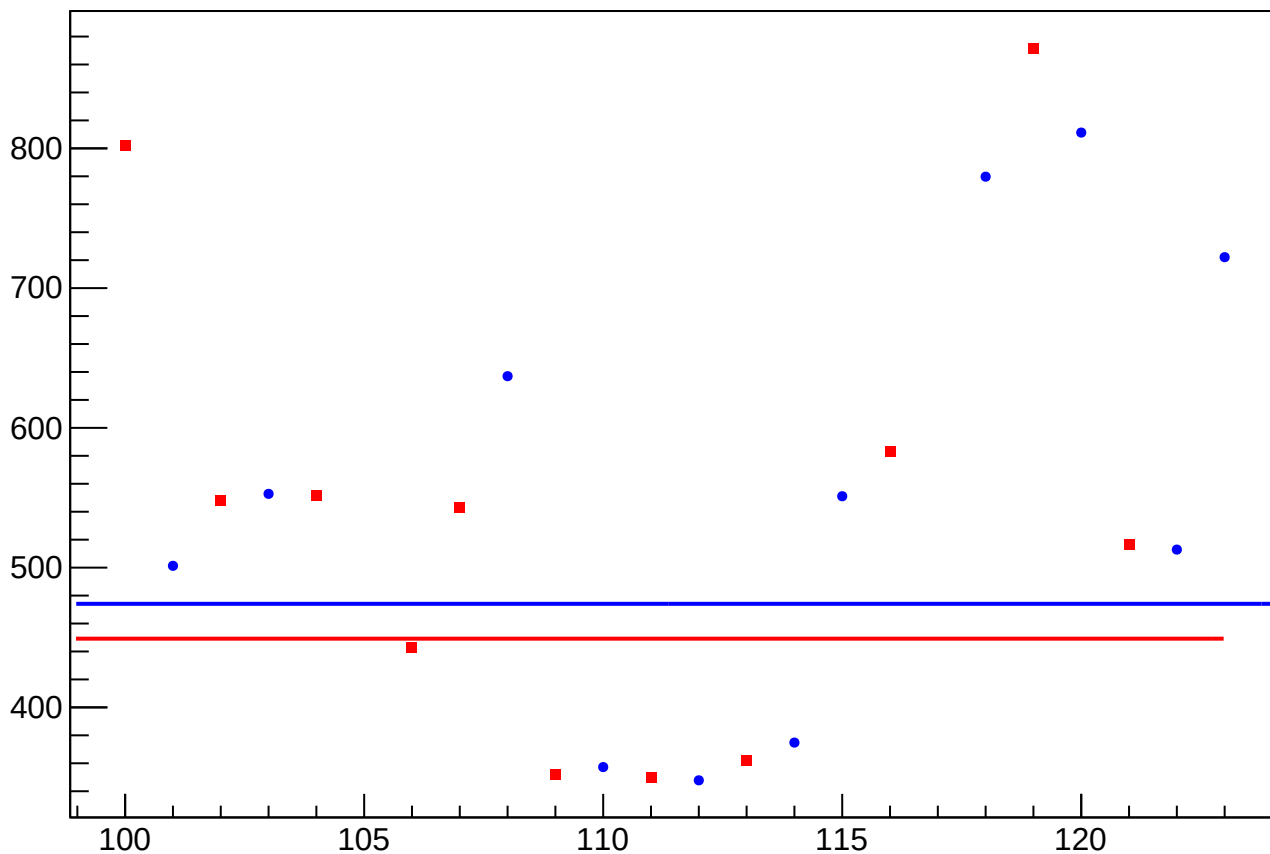
Right: -281.164+/-162.546 χ^2/NDF : 21.8/21

In: -55.473+/-242.637 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.164+/-162.546 χ^2/NDF : 21.8/21

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 474.107+/-0.172 χ^2/NDF : 612350.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.175+/-0.155 χ^2/NDF : 693649.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

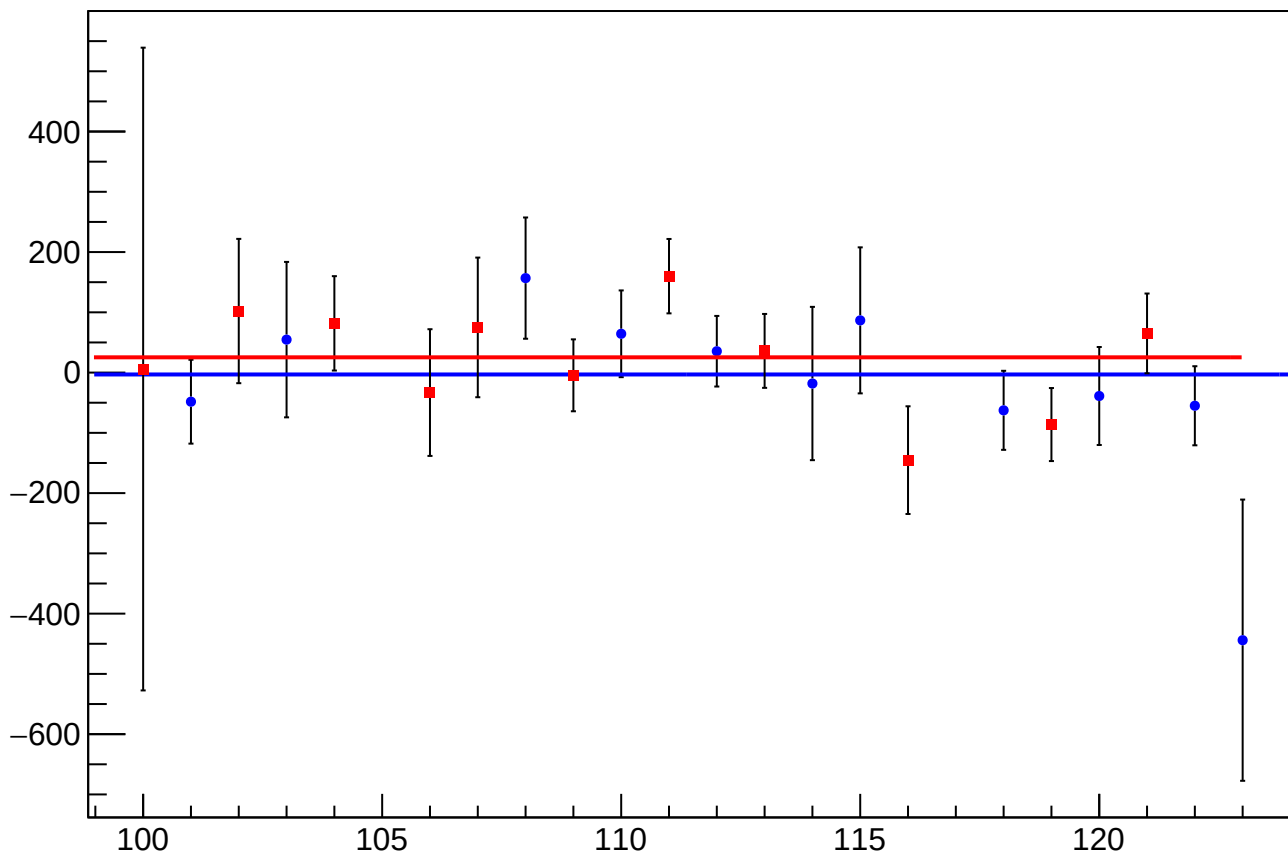
Right: 460.364+/-0.115 χ^2/NDF : 1317640.3/21

In: 474.107+/-0.172 χ^2/NDF : 612350.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.364+/-0.115 χ^2/NDF : 1317640.3/21

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -3.122 ± 24.888 χ^2/NDF : 10.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 25.325 ± 23.335 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

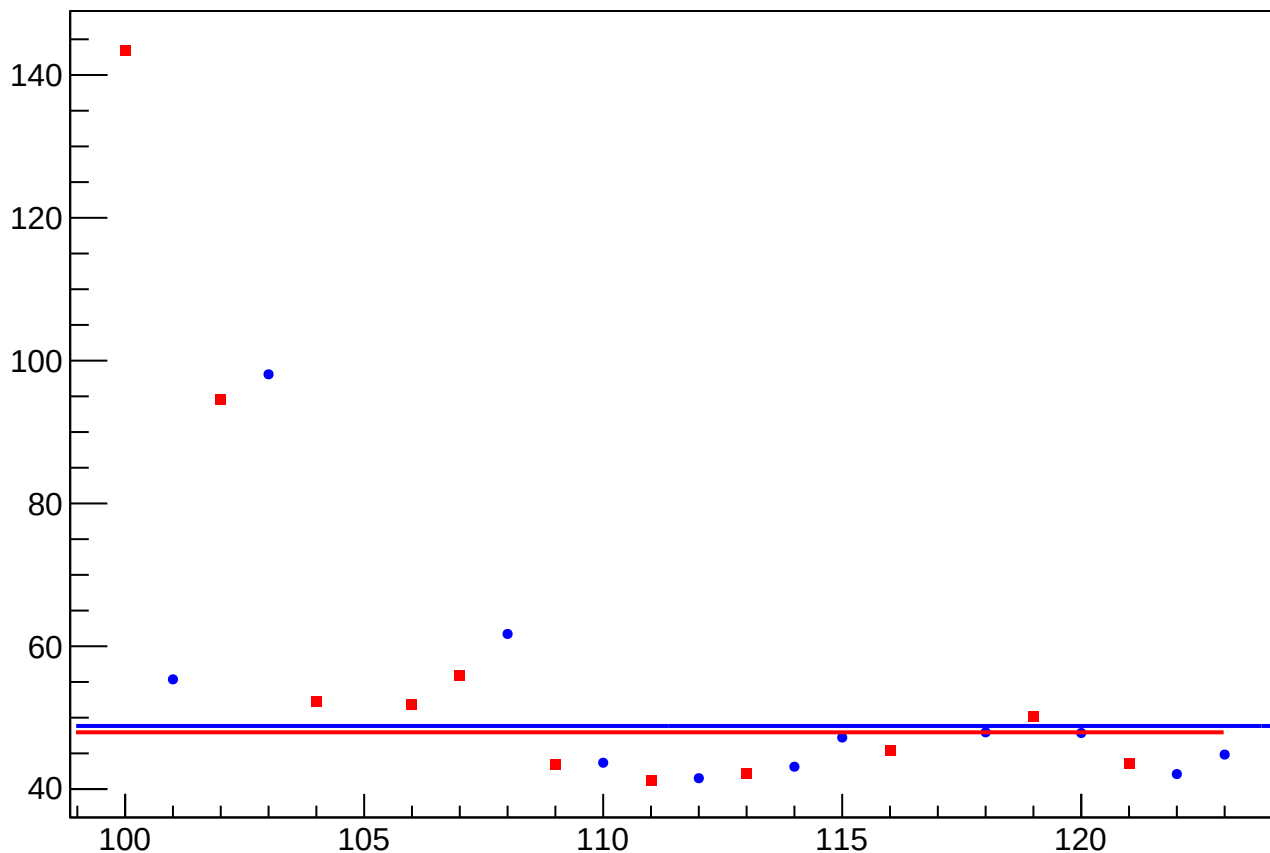
Right: 12.017 ± 17.023 χ^2/NDF : 24.8/21

In: -3.122 ± 24.888 χ^2/NDF : 10.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.017 ± 17.023 χ^2/NDF : 24.8/21

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.840+/-0.018 χ^2/NDF : 410145.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.950+/-0.017 χ^2/NDF : 451273.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

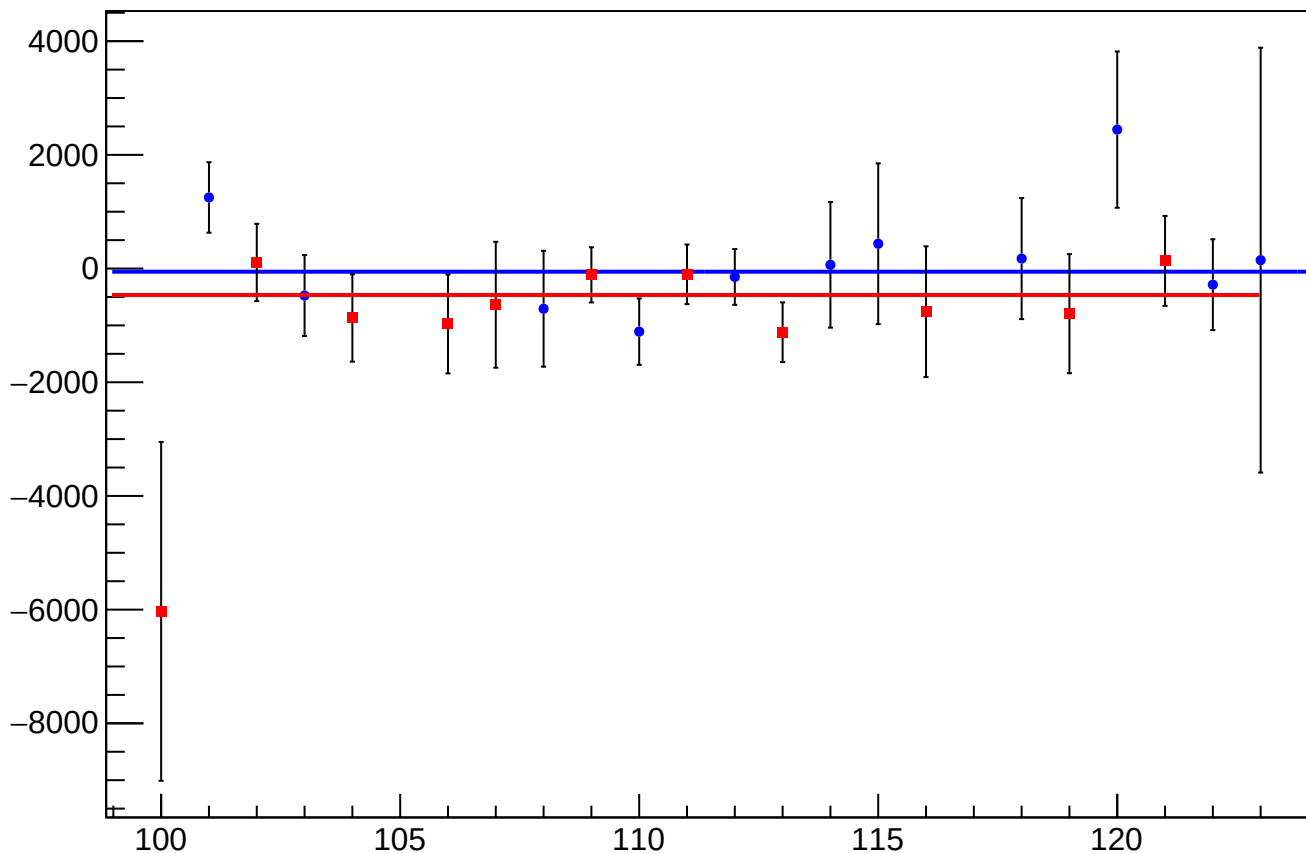
Right: 48.367+/-0.012 χ^2/NDF : 862779.5/21

In: 48.840+/-0.018 χ^2/NDF : 410145.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.367+/-0.012 χ^2/NDF : 862779.5/21

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -55.473+/-242.637 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -464.913+/-218.935 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

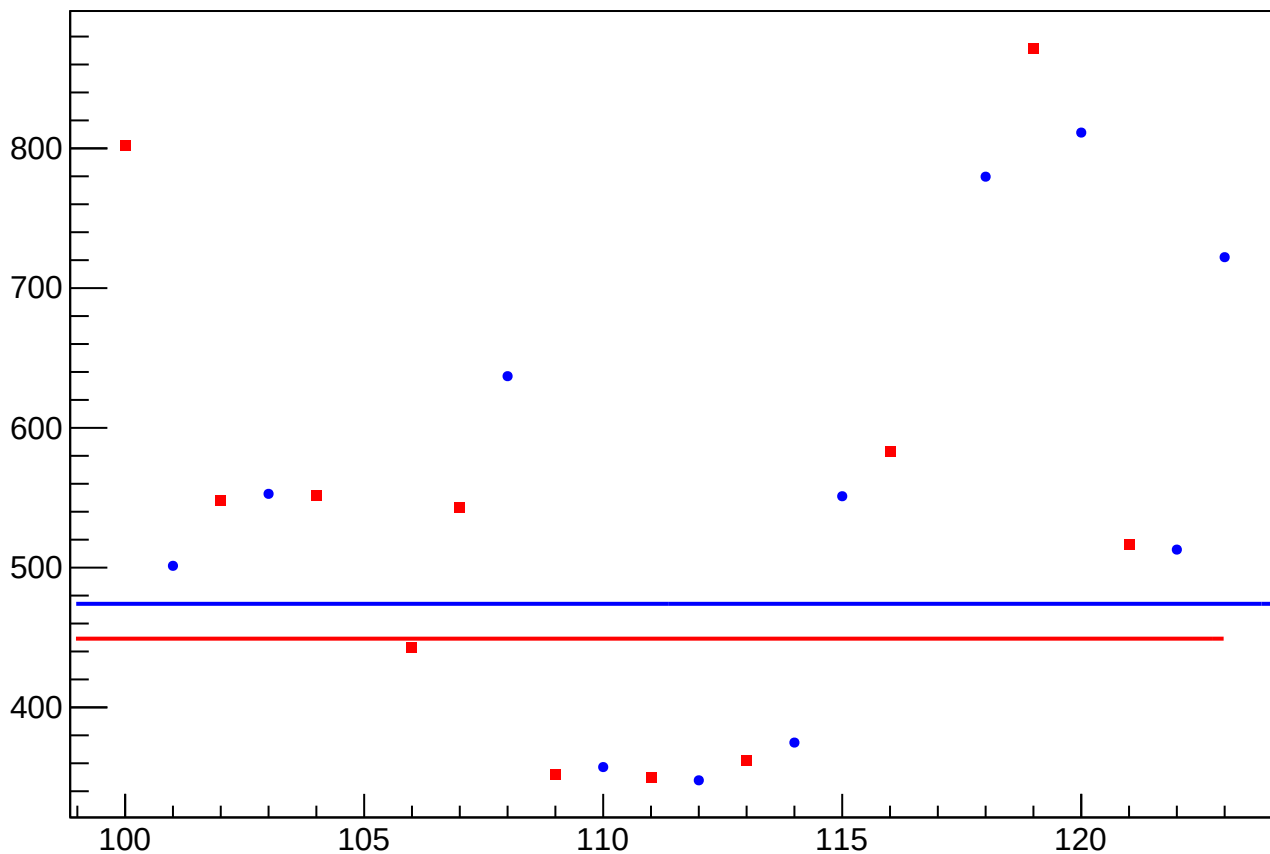
Right: -281.164+/-162.546 χ^2/NDF : 21.8/21

In: -55.473+/-242.637 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.164+/-162.546 χ^2/NDF : 21.8/21

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 474.107+/-0.172 χ^2/NDF : 612350.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.175+/-0.155 χ^2/NDF : 693649.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

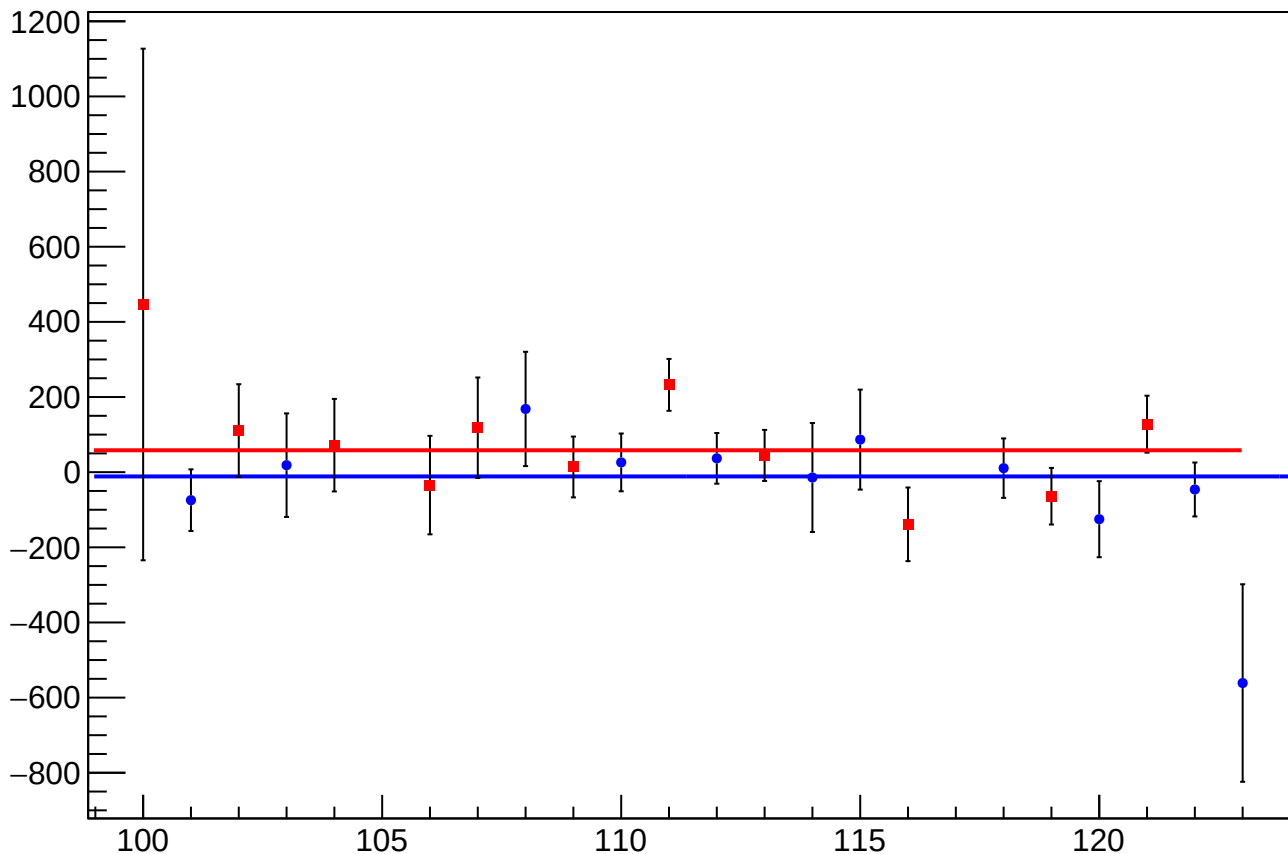
Right: 460.364+/-0.115 χ^2/NDF : 1317640.3/21

In: 474.107+/-0.172 χ^2/NDF : 612350.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.364+/-0.115 χ^2/NDF : 1317640.3/21

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -11.357 ± 28.822 χ^2/NDF : 9.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 58.263 ± 27.926 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

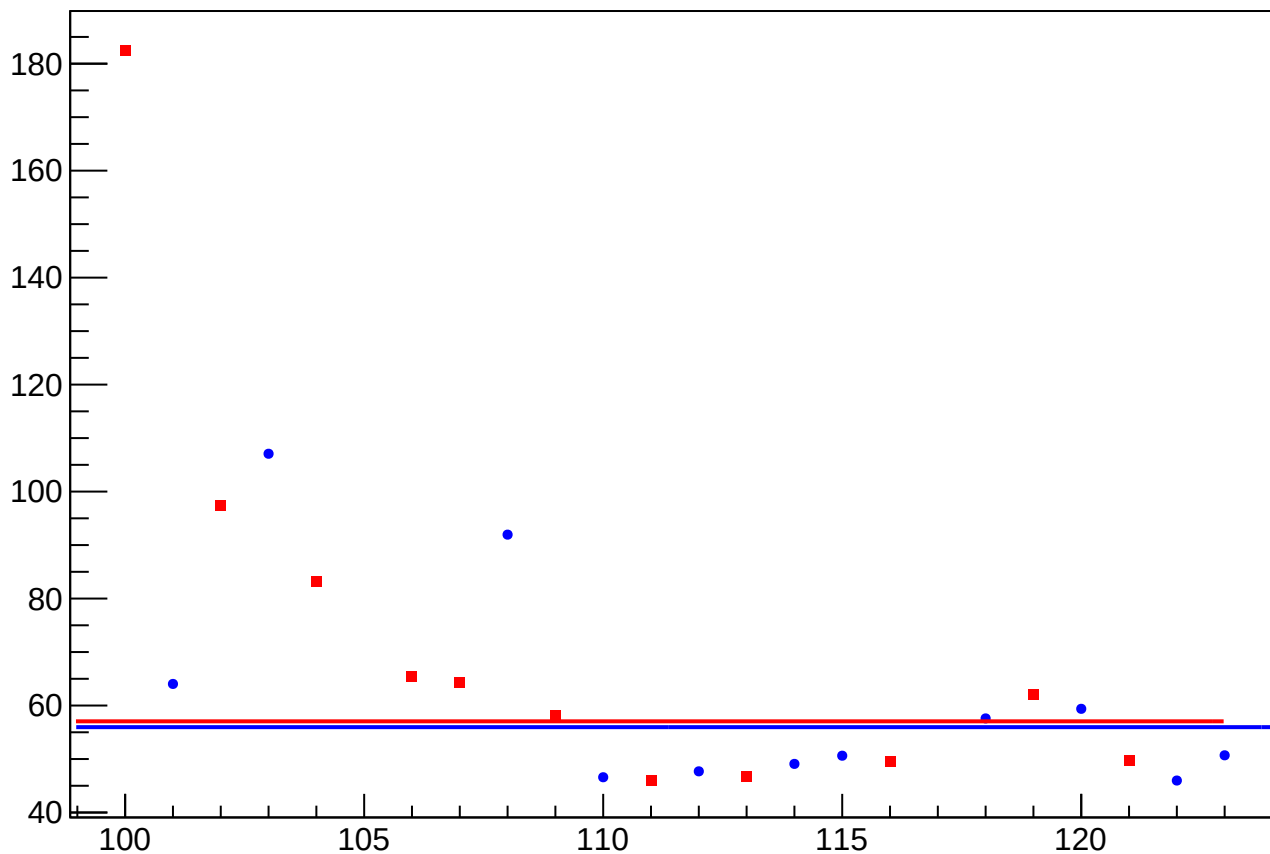
Right: 24.552 ± 20.056 χ^2/NDF : 27.7/21

In: -11.357 ± 28.822 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 24.552 ± 20.056 χ^2/NDF : 27.7/21

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 55.958+/-0.020 χ^2/NDF : 516667.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.048+/-0.020 χ^2/NDF : 524860.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

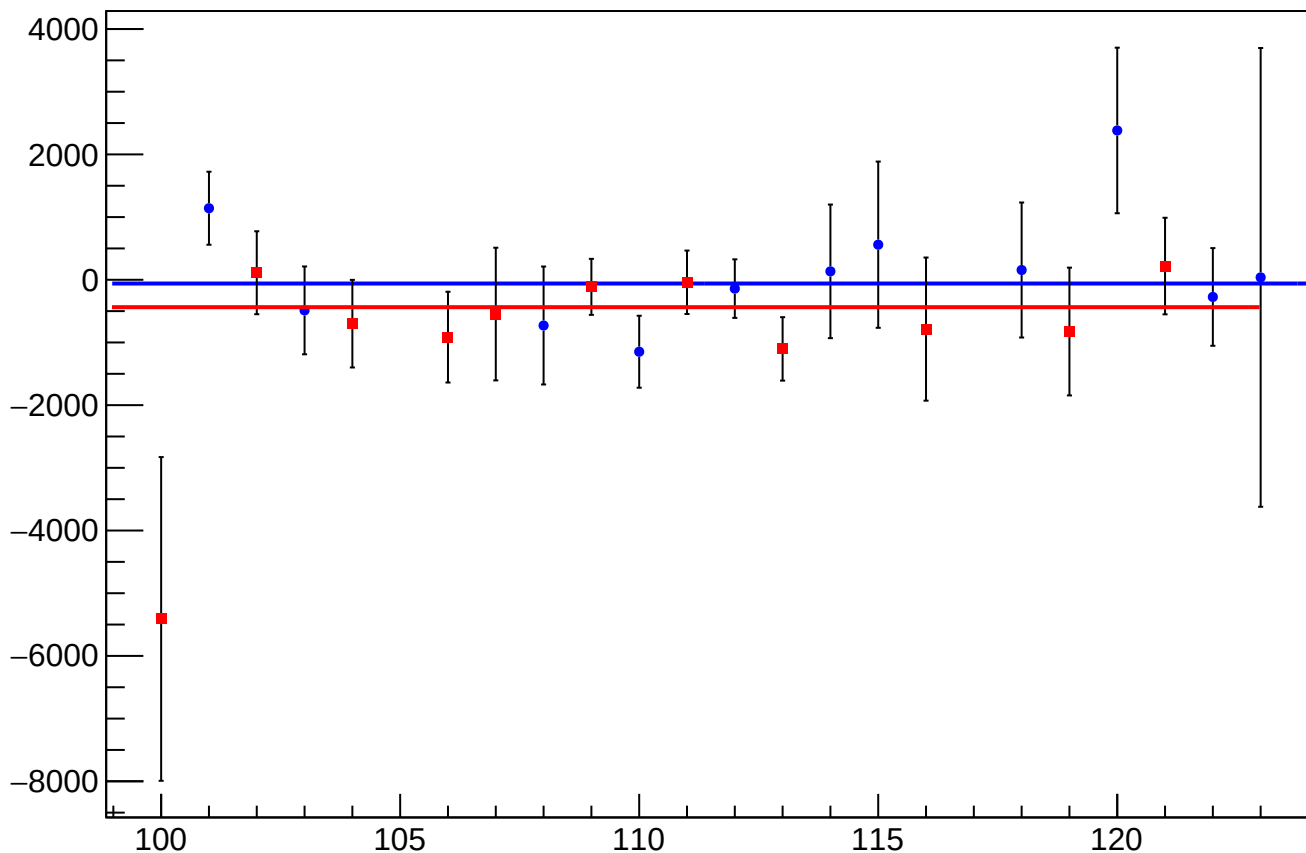
Right: 56.520+/-0.014 χ^2/NDF : 1043001.4/21

In: 55.958+/-0.020 χ^2/NDF : 516667.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.520+/-0.014 χ^2/NDF : 1043001.4/21

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -59.733+/-233.505 χ^2/NDF : 12.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -437.007+/-206.200 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

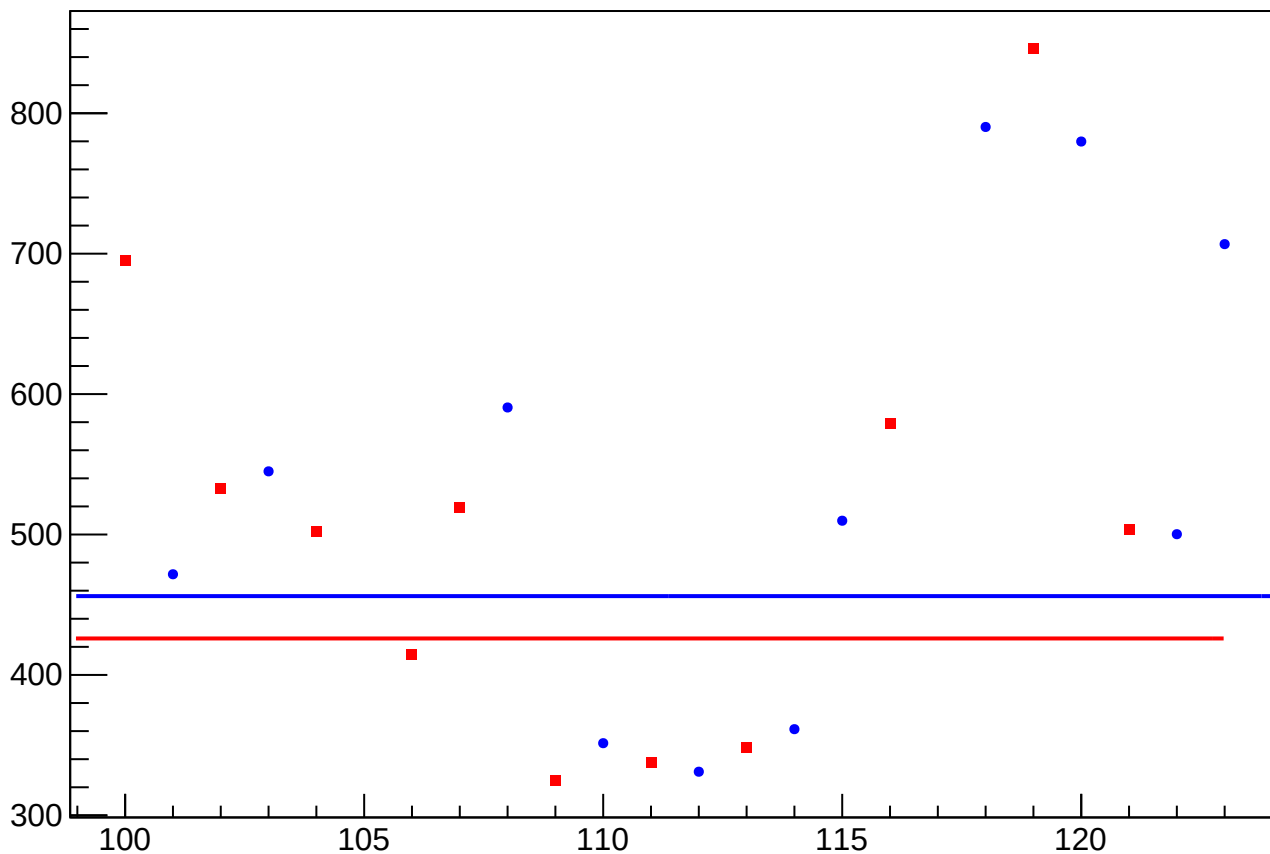
Right: -271.708+/-154.562 χ^2/NDF : 22.8/21

In: -59.733+/-233.505 χ^2/NDF : 12.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.708+/-154.562 χ^2/NDF : 22.8/21

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 456.132+/-0.165 χ^2/NDF : 631860.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.974+/-0.146 χ^2/NDF : 719455.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

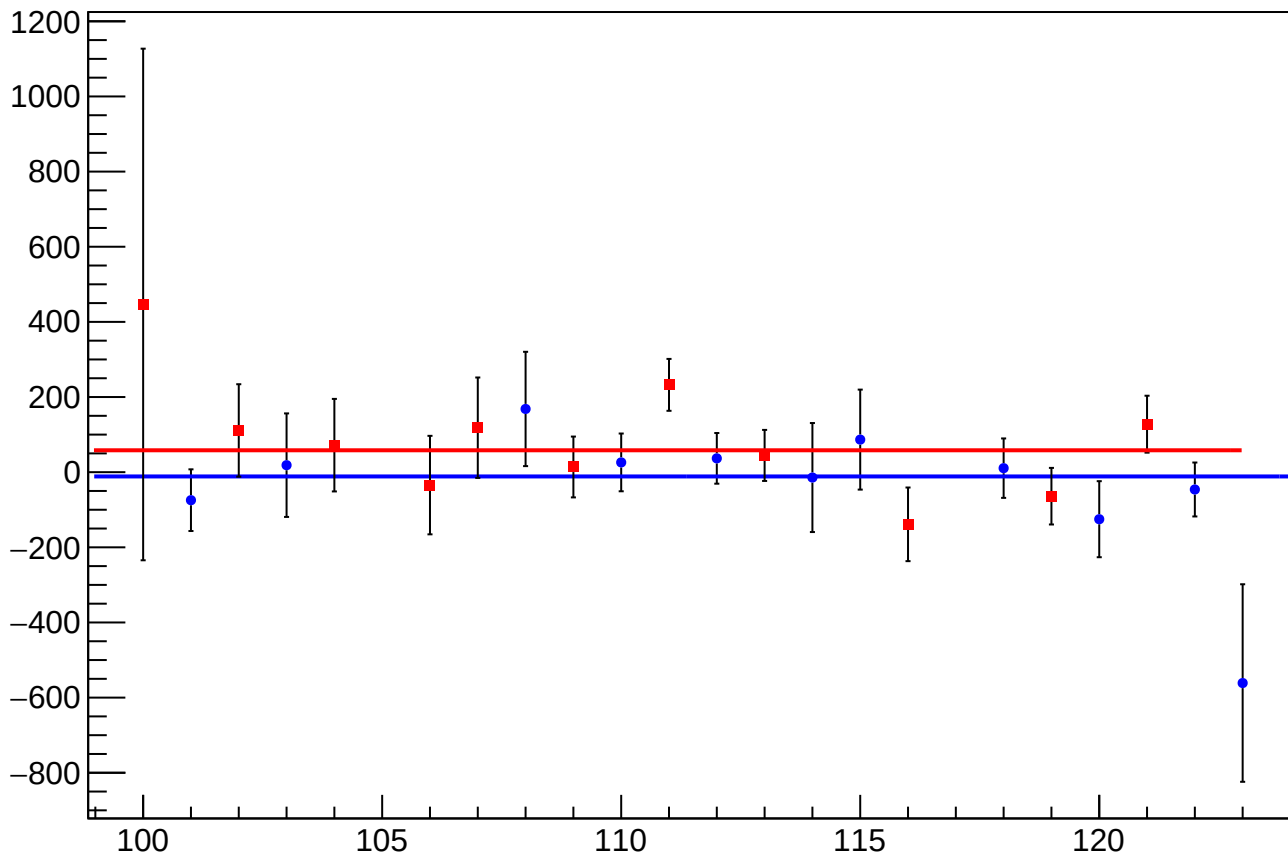
Right: 439.188+/-0.109 χ^2/NDF : 1370060.4/21

In: 456.132+/-0.165 χ^2/NDF : 631860.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.188+/-0.109 χ^2/NDF : 1370060.4/21

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -11.357 ± 28.822 χ^2/NDF : 9.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 58.264 ± 27.926 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

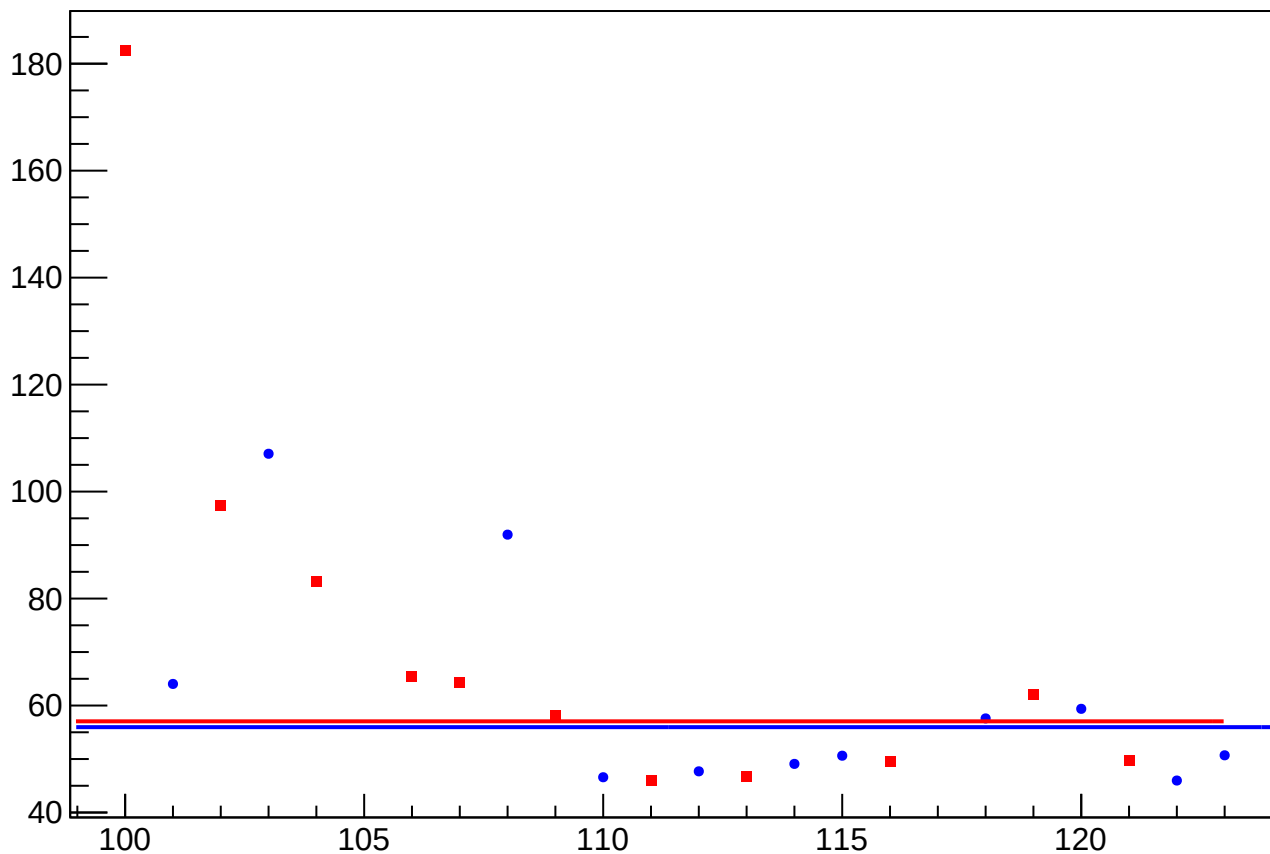
Right: 24.553 ± 20.056 χ^2/NDF : 27.7/21

In: -11.357 ± 28.822 χ^2/NDF : 9.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 24.553 ± 20.056 χ^2/NDF : 27.7/21

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 55.959+/-0.020 χ^2/NDF : 516661.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.048+/-0.020 χ^2/NDF : 524855.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

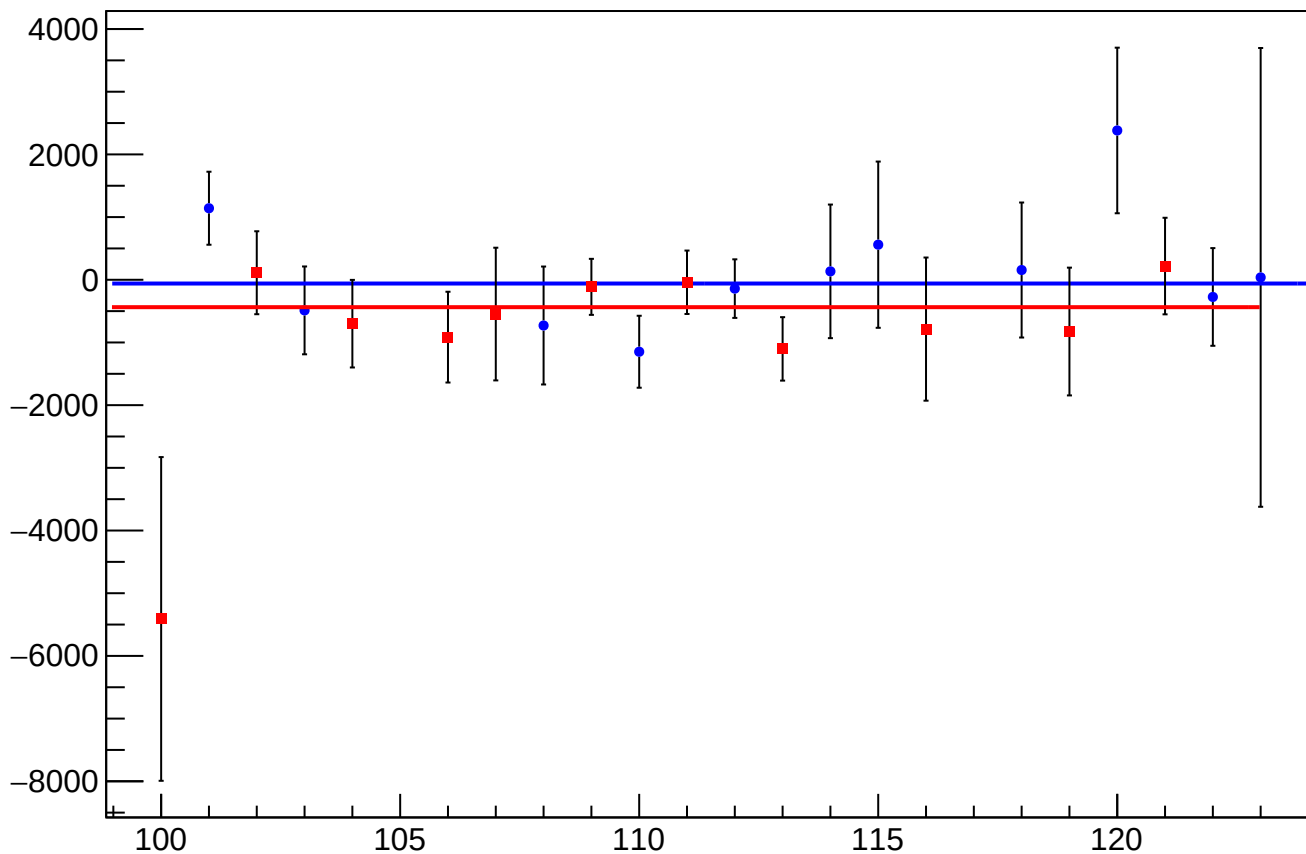
Right: 56.520+/-0.014 χ^2/NDF : 1042989.8/21

In: 55.959+/-0.020 χ^2/NDF : 516661.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.520+/-0.014 χ^2/NDF : 1042989.8/21

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -59.733+/-233.504 χ^2/NDF : 12.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -437.005+/-206.200 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

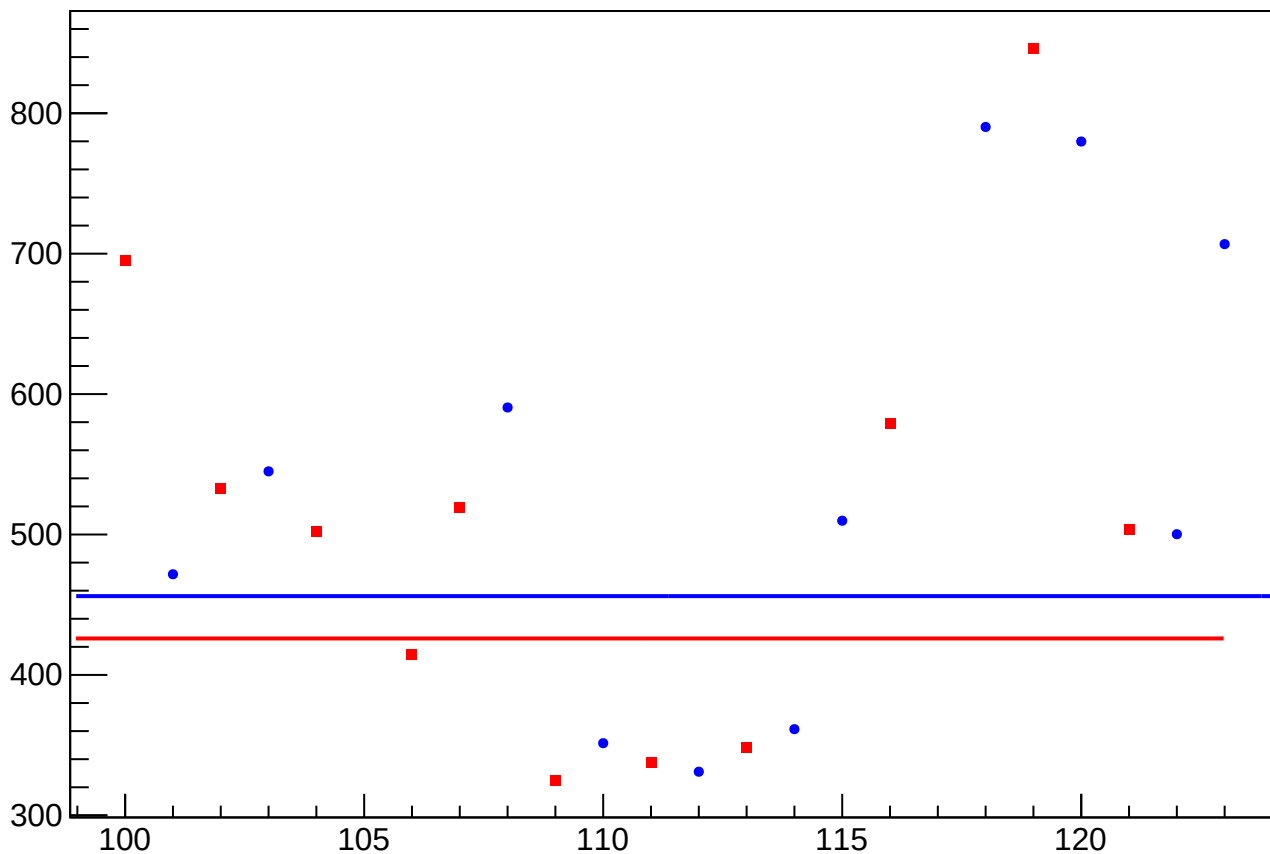
Right: -271.707+/-154.562 χ^2/NDF : 22.8/21

In: -59.733+/-233.504 χ^2/NDF : 12.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.707+/-154.562 χ^2/NDF : 22.8/21

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 456.131+/-0.165 χ^2/NDF : 631862.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.973+/-0.146 χ^2/NDF : 719455.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

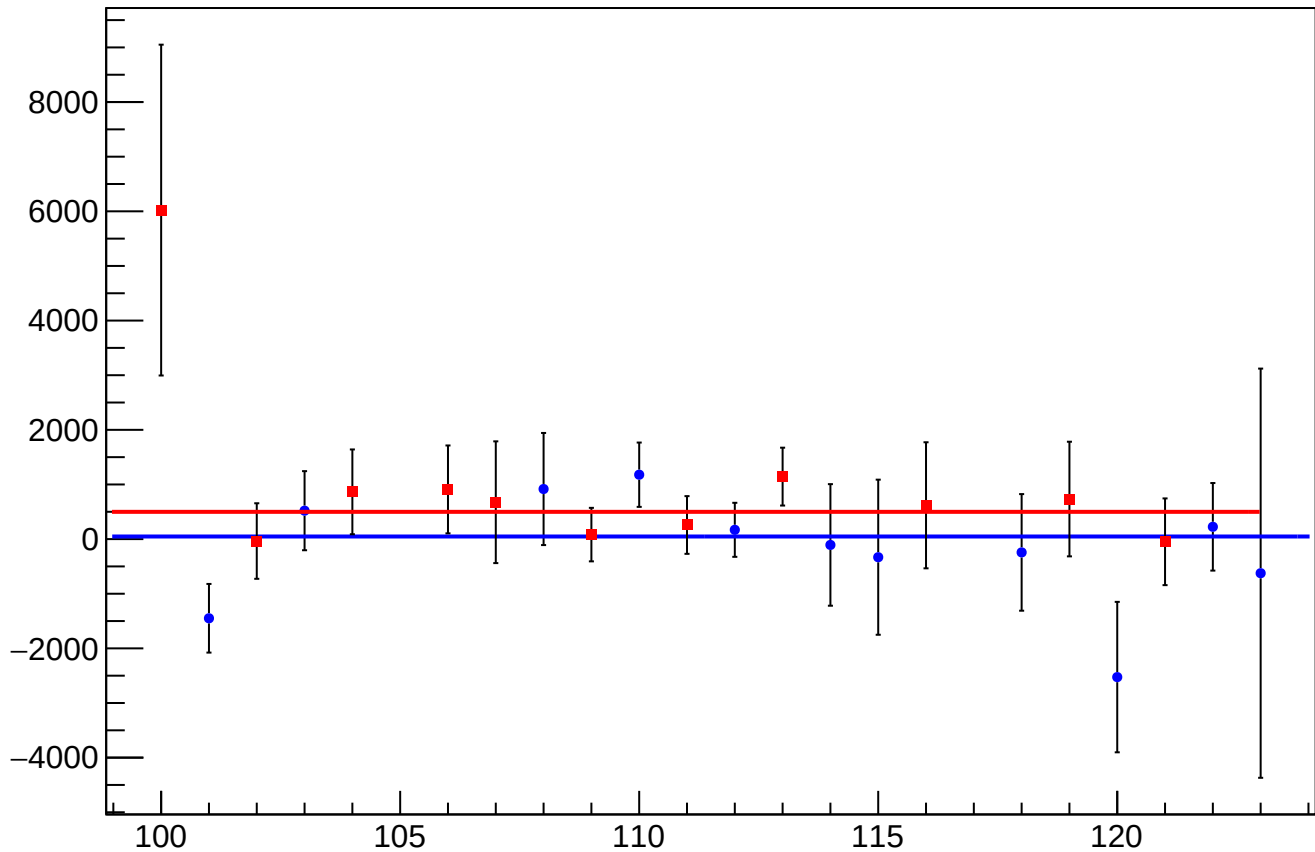
Right: 439.187+/-0.109 χ^2/NDF : 1370061.9/21

In: 456.131+/-0.165 χ^2/NDF : 631862.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.187+/-0.109 χ^2/NDF : 1370061.9/21

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 47.728 $\pm$ 244.687 χ^2 /NDF: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 499.075 $\pm$ 219.374 χ^2 /NDF: 7.4/10

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

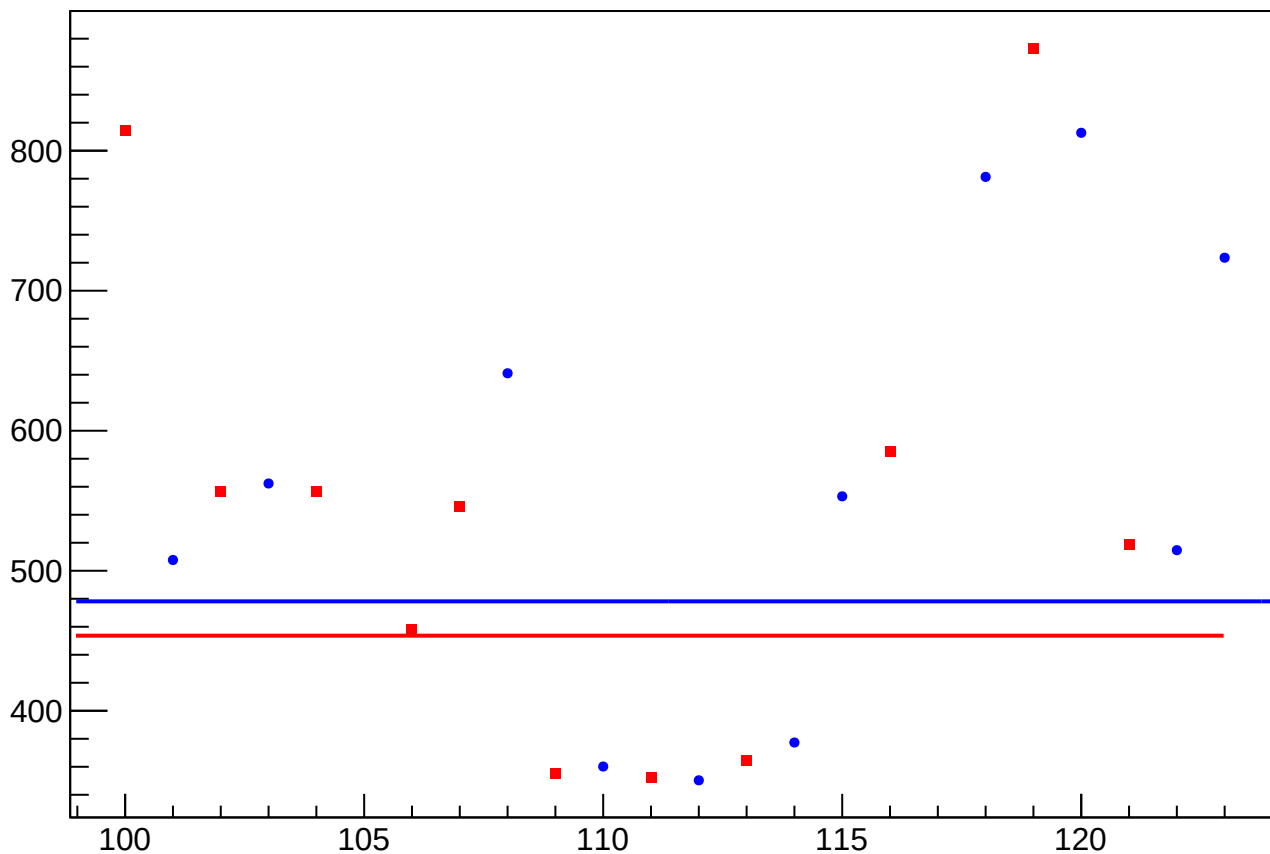
Right: 297.949 $\pm$ 163.339 χ^2 /NDF: 23.6/21

In: 47.728 $\pm$ 244.687 χ^2 /NDF:14.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 297.949 $\pm$ 163.339 χ^2 /NDF: 23.6/21

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 478.150+/-0.173 χ^2/NDF : 610026.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.640+/-0.155 χ^2/NDF : 691690.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

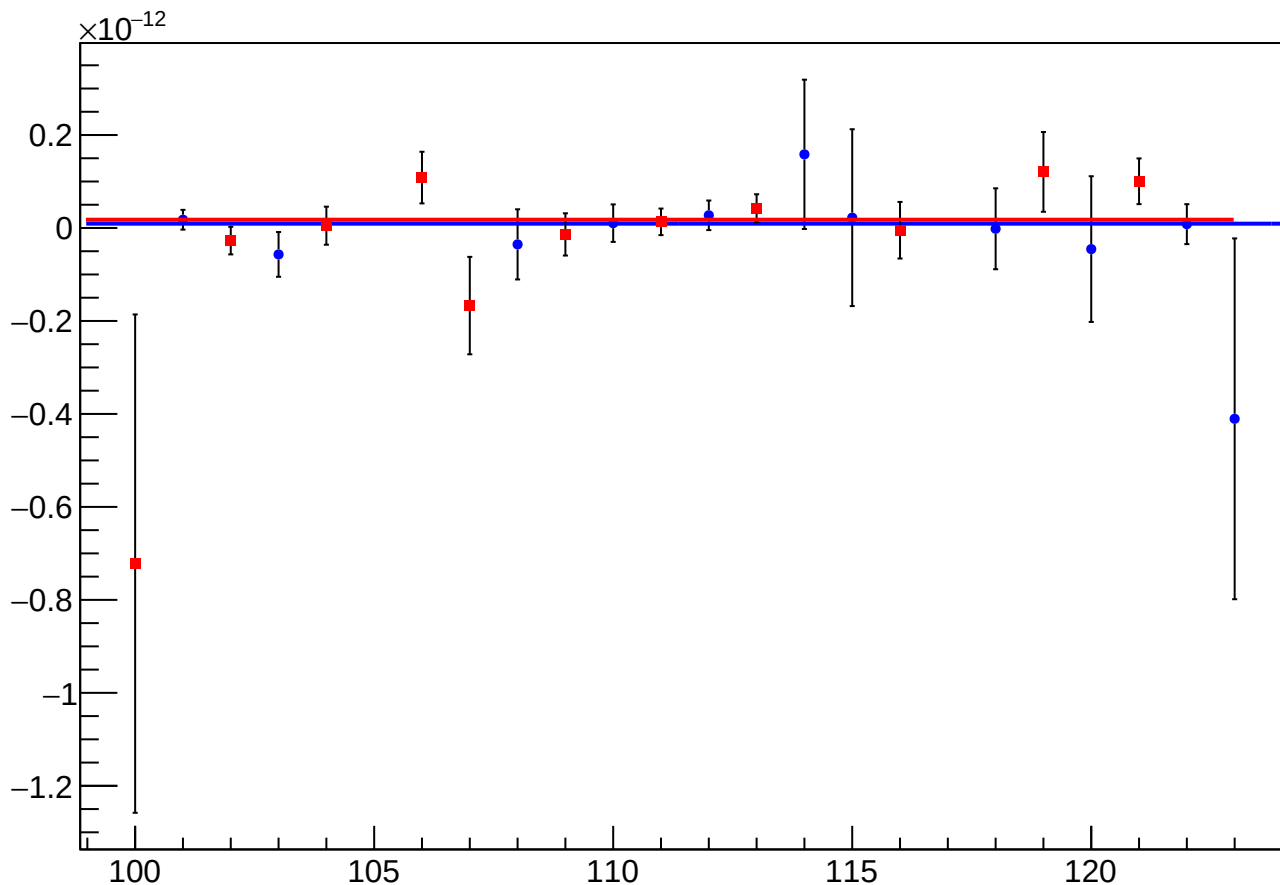
Right: 464.562+/-0.115 χ^2/NDF : 1312841.7/21

In: 478.150+/-0.173 χ^2/NDF : 610026.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.562+/-0.115 χ^2/NDF : 1312841.7/21

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

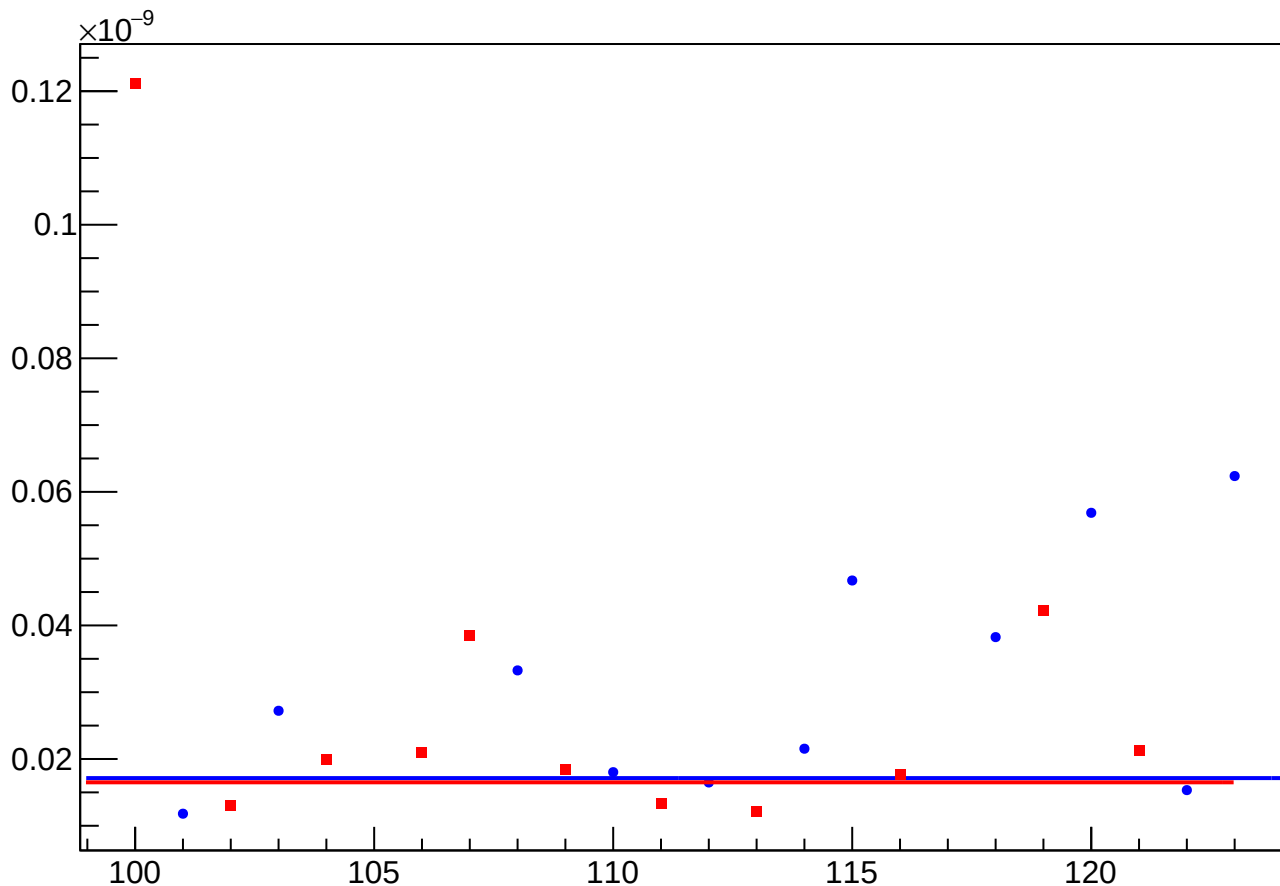
Right: 0.000+/-0.000 χ^2/NDF : 20.7/21

In: 0.000+/-0.000 χ^2/NDF : 4.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/21

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 633495.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 485991.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

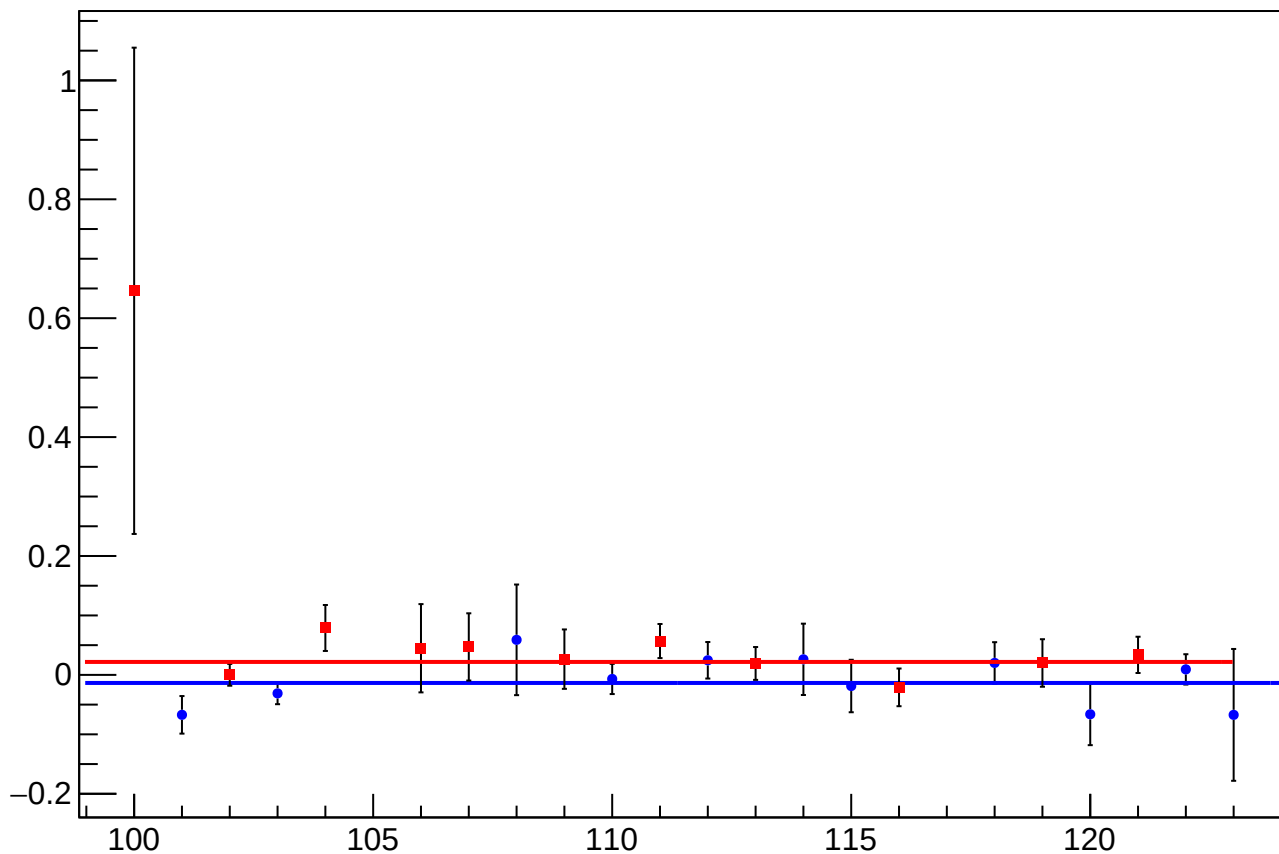
Right: 0.000+/-0.000 χ^2/NDF : 1121681.7/21

In: 0.000+/-0.000 χ^2/NDF : 633495.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1121681.7/21

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.010 χ^2/NDF : 9.5/10

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

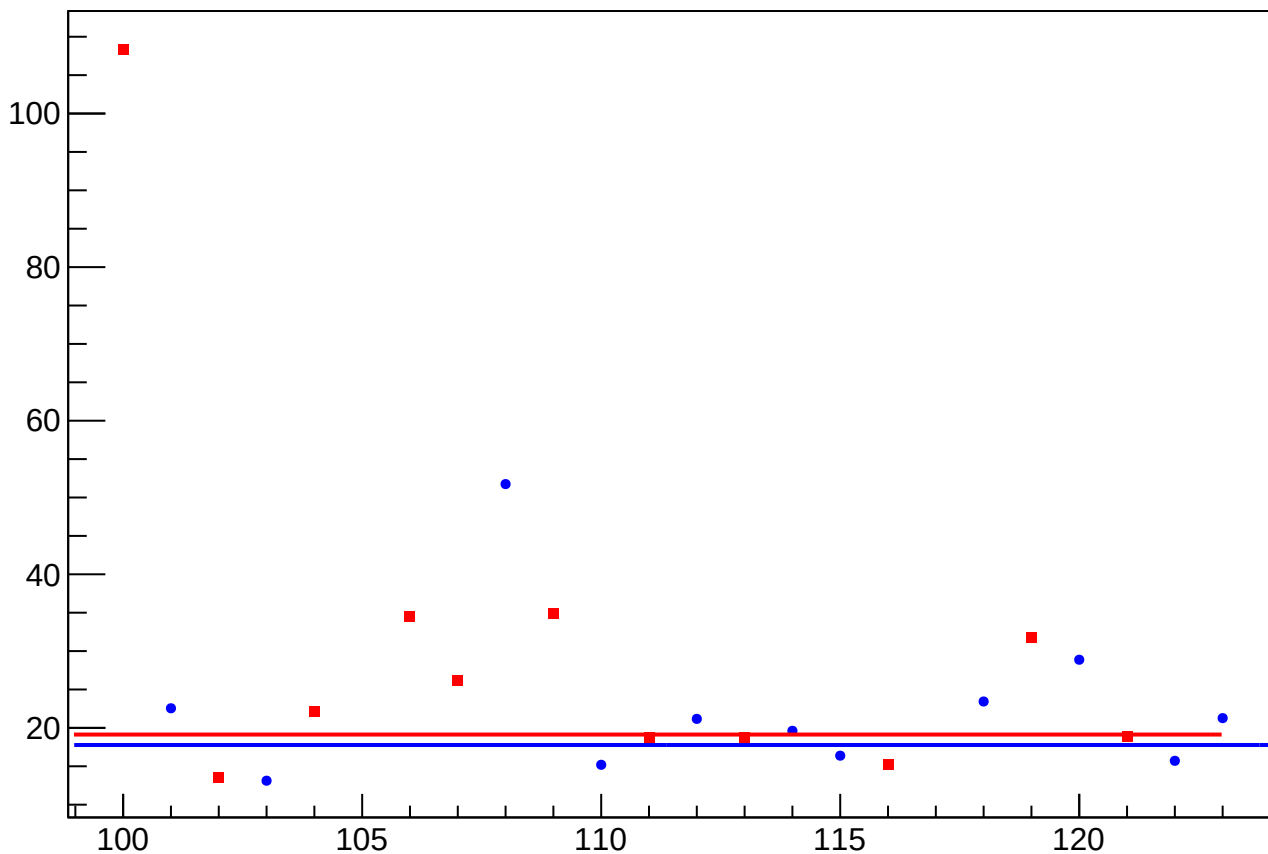
Right: 0.004+/-0.007 χ^2/NDF : 25.4/21

In: -0.014+/-0.010 χ^2/NDF :9.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.007 χ^2/NDF : 25.4/21

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.772+/-0.007 χ^2/NDF : 650830.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.132+/-0.007 χ^2/NDF : 836540.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

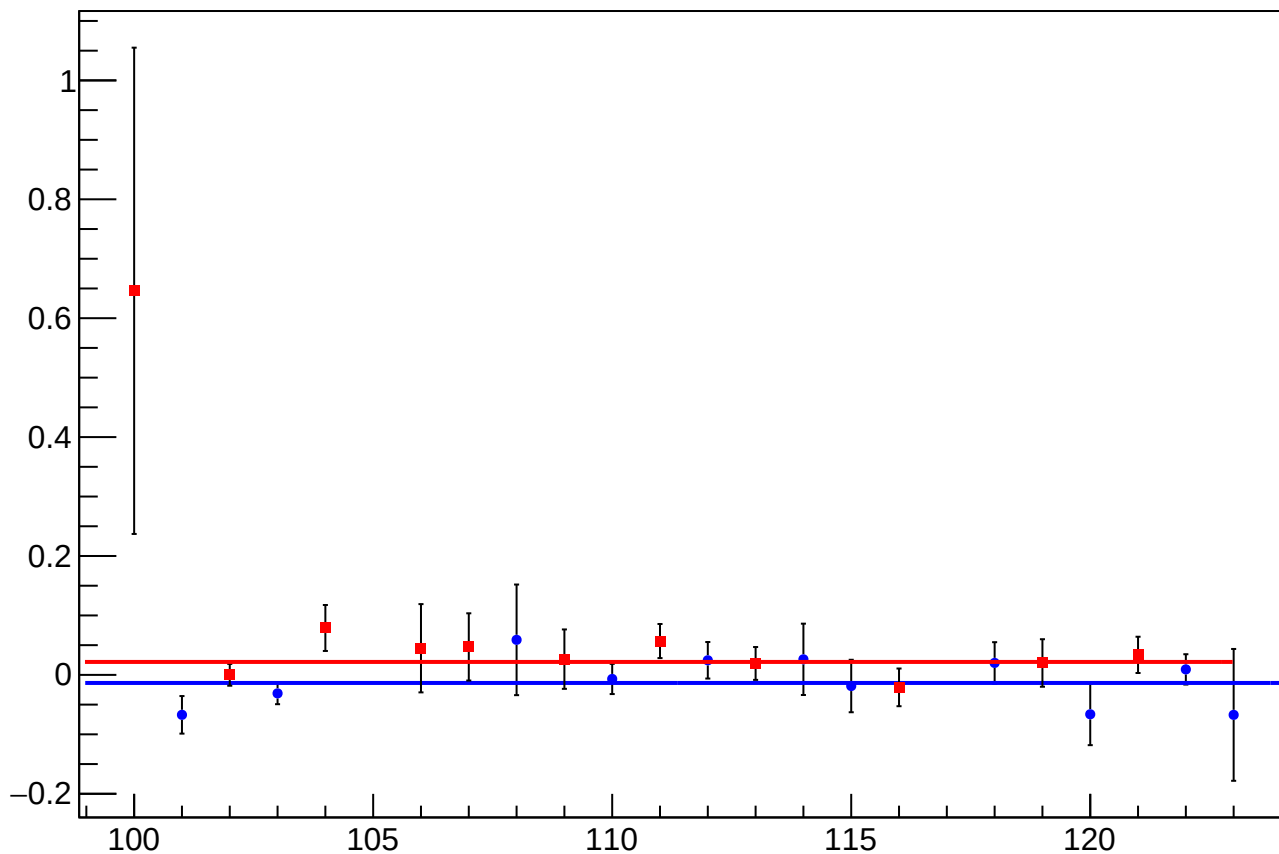
Right: 18.433+/-0.005 χ^2/NDF : 1505949.1/21

In: 17.772+/-0.007 χ^2/NDF : 650830.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.433+/-0.005 χ^2/NDF : 1505949.1/21

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.010 χ^2/NDF : 9.5/10

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

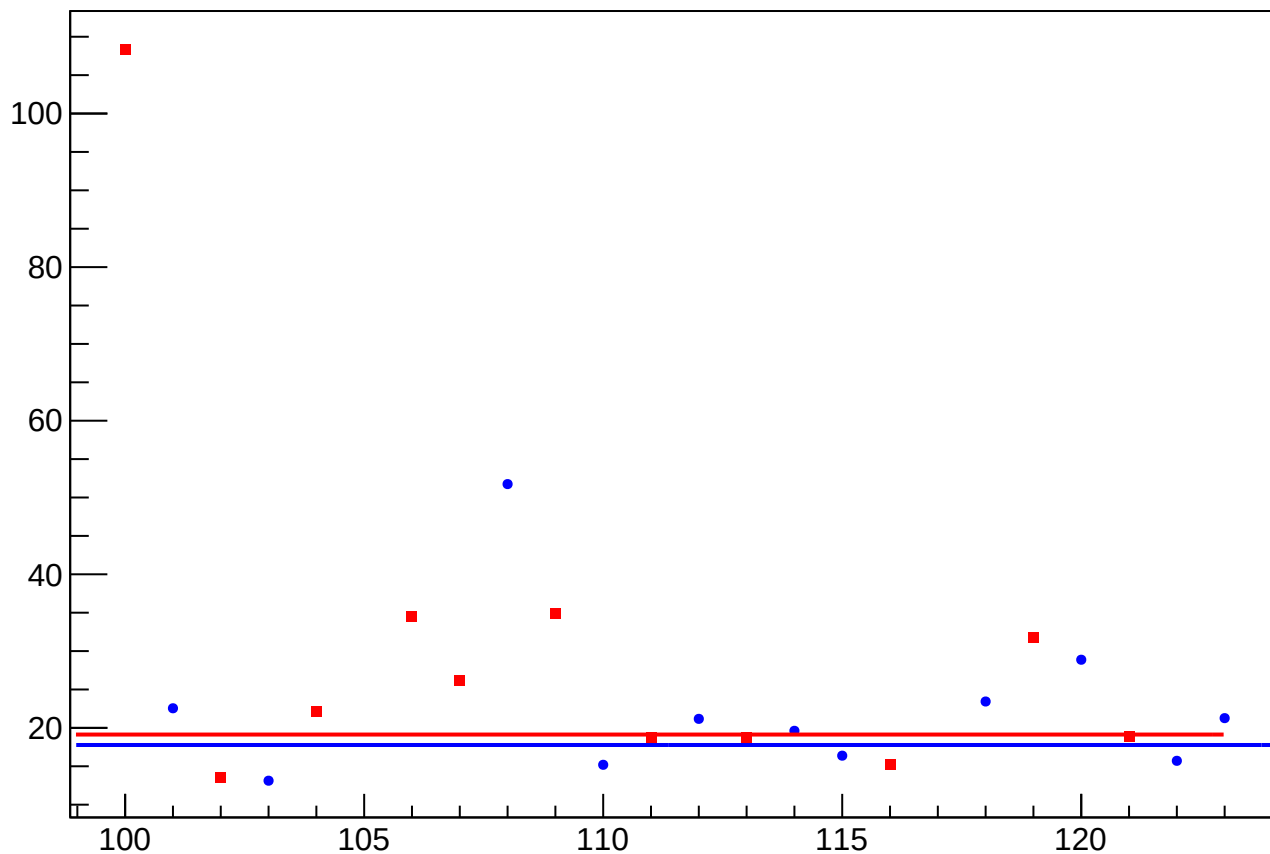
Right: 0.004+/-0.007 χ^2/NDF : 25.4/21

In: -0.014+/-0.010 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 25.4/21

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.772+/-0.007 χ^2/NDF : 650830.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.132+/-0.007 χ^2/NDF : 836540.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

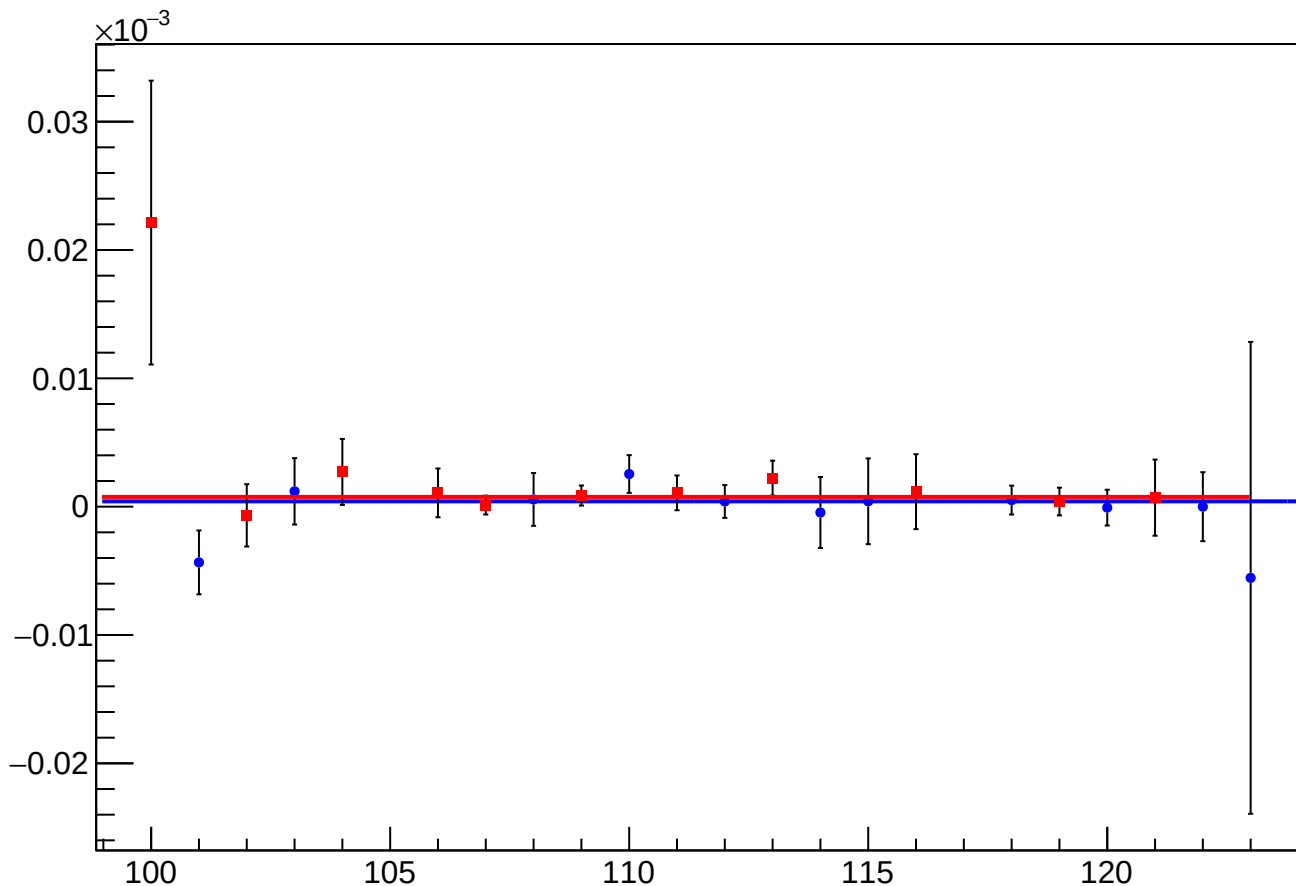
Right: 18.433+/-0.005 χ^2/NDF : 1505949.1/21

In: 17.772+/-0.007 χ^2/NDF : 650830.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.433+/-0.005 χ^2/NDF : 1505949.1/21

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/10

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

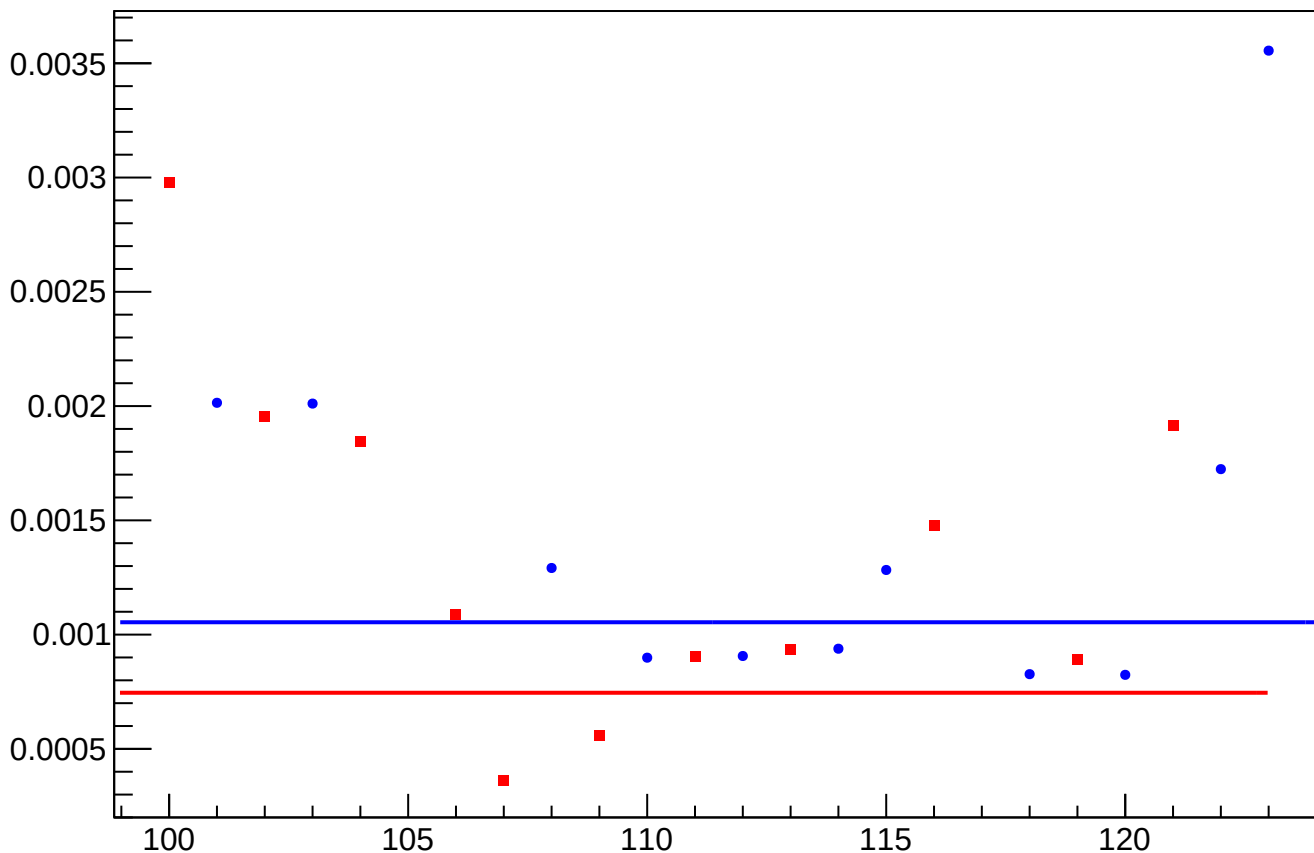
Right: 0.000+/-0.000 χ^2/NDF : 13.3/21

In: 0.000+/-0.000 χ^2/NDF : 6.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/21

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 957575.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2212287.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

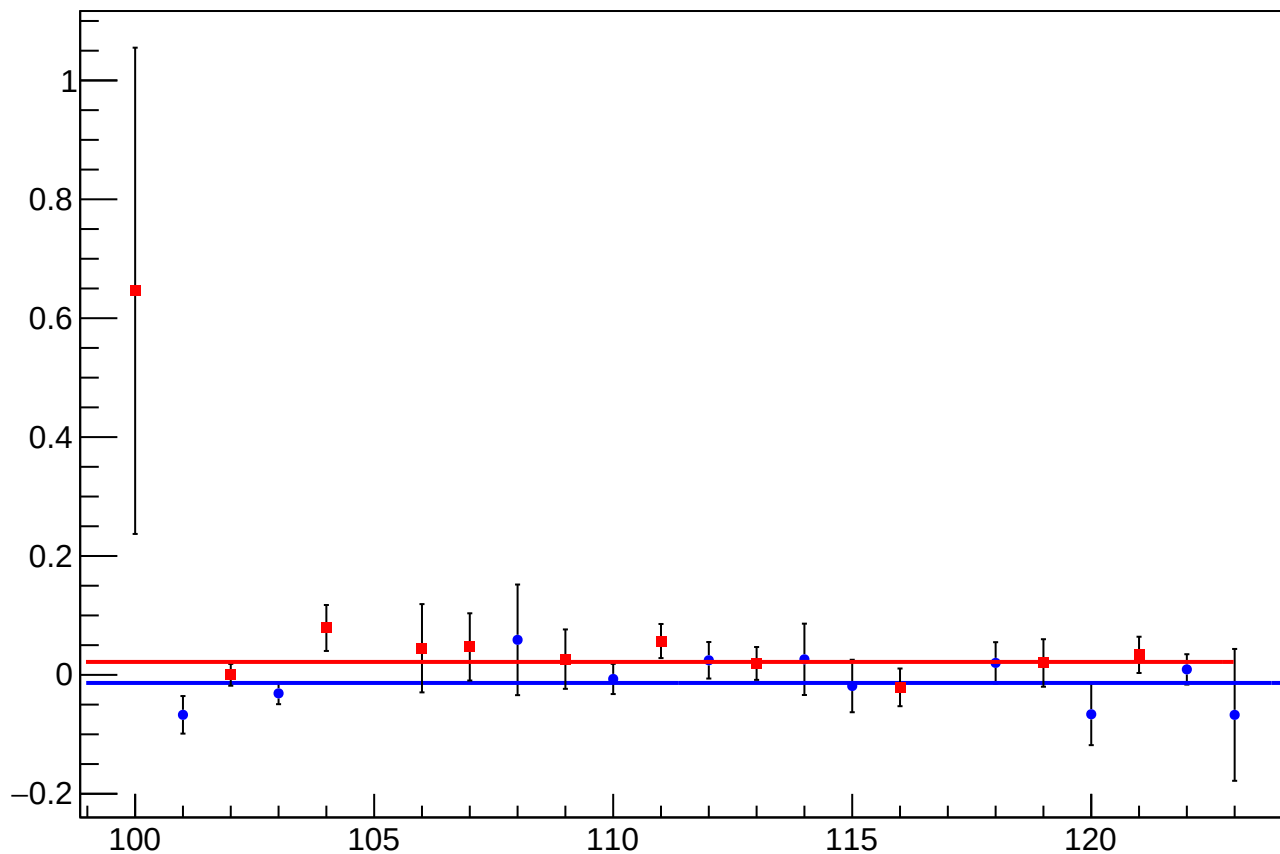
Right: 0.001+/-0.000 χ^2/NDF : 3580413.9/21

In: 0.001+/-0.000 χ^2/NDF : 957575.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3580413.9/21

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.010 χ^2/NDF : 9.5/10

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

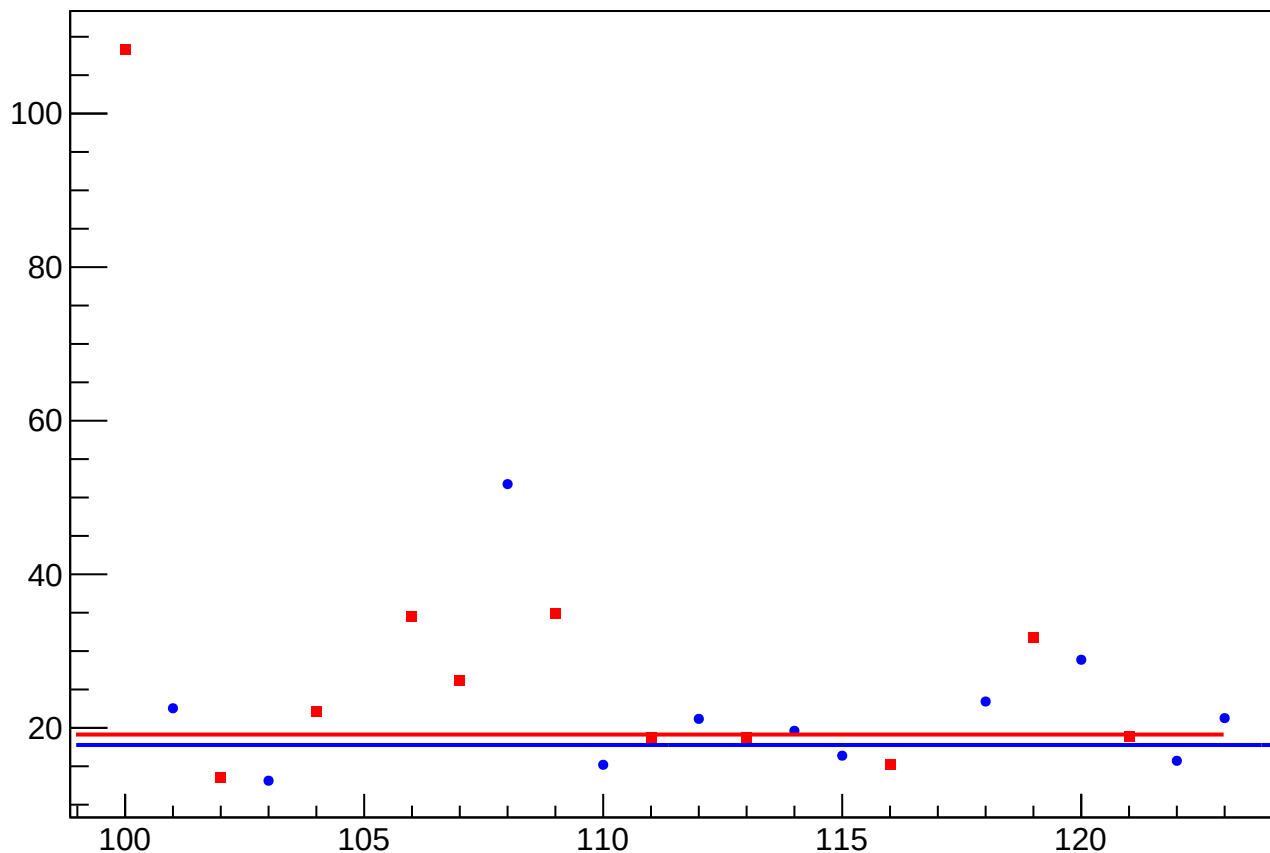
Right: 0.004+/-0.007 χ^2/NDF : 25.4/21

In: -0.014+/-0.010 χ^2/NDF :9.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.007 χ^2/NDF : 25.4/21

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.773+/-0.007 χ^2/NDF : 650775.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.133+/-0.007 χ^2/NDF : 836403.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

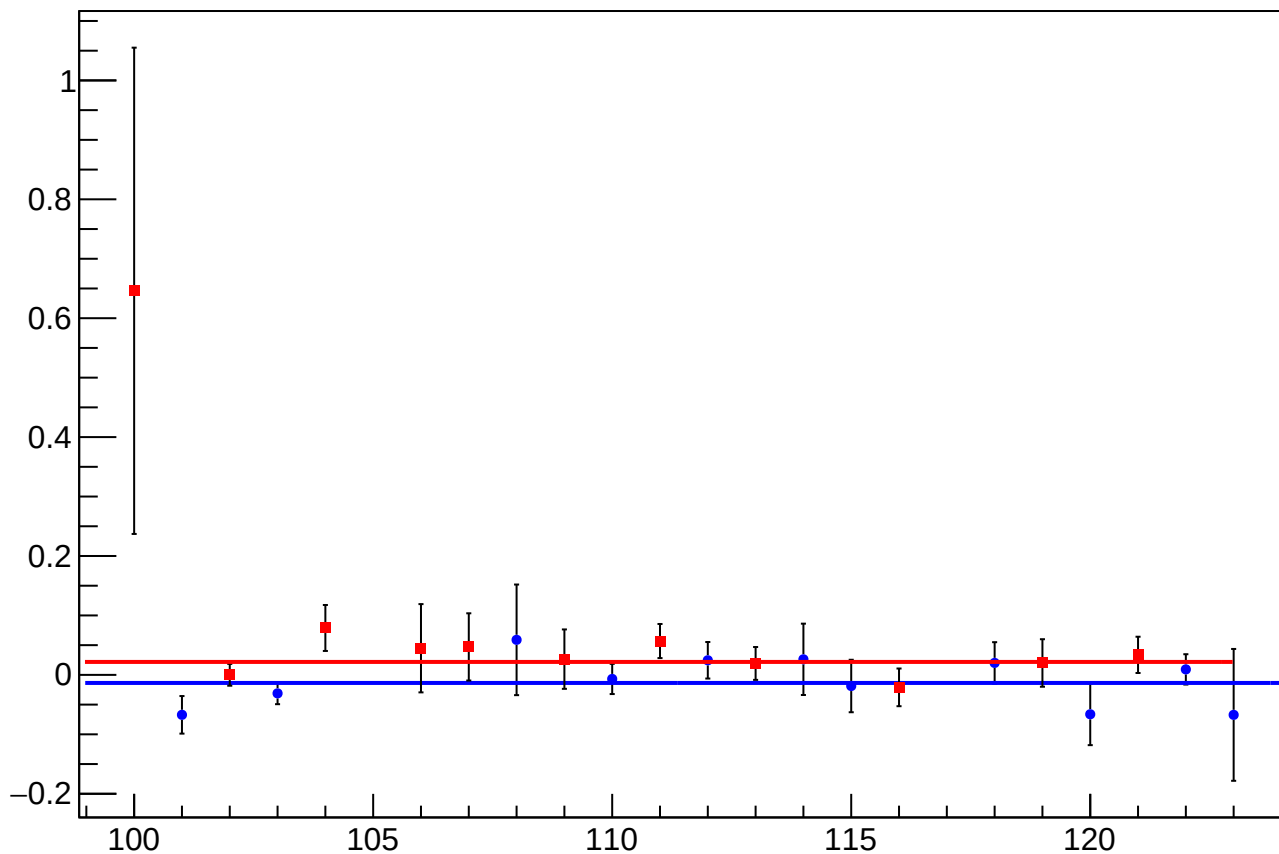
Right: 18.434+/-0.005 χ^2/NDF : 1505762.4/21

In: 17.773+/-0.007 χ^2/NDF : 650775.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.434+/-0.005 χ^2/NDF : 1505762.4/21

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.010 χ^2/NDF : 9.5/10

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

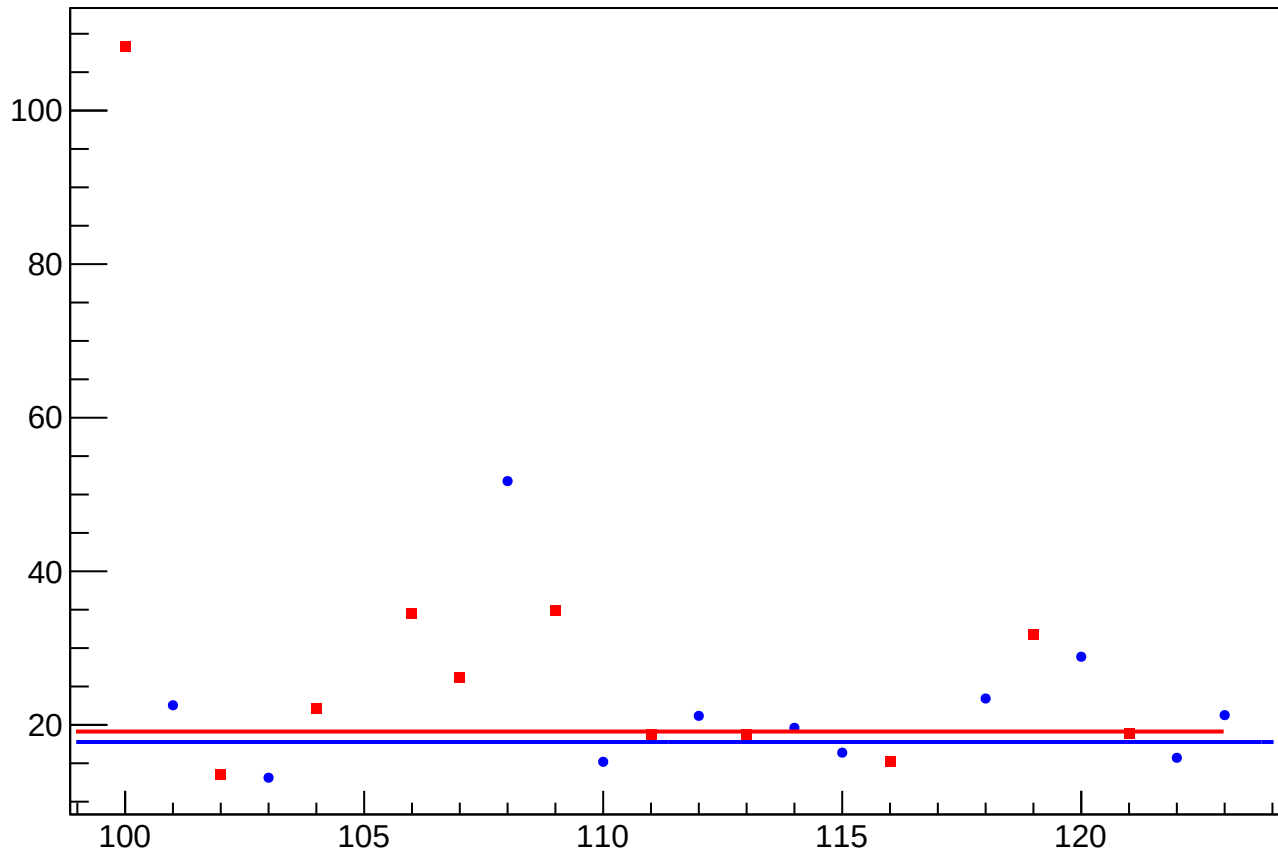
Right: 0.004+/-0.007 χ^2/NDF : 25.4/21

In: -0.014+/-0.010 χ^2/NDF :9.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.007 χ^2/NDF : 25.4/21

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.773+/-0.007 χ^2/NDF : 650775.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.133+/-0.007 χ^2/NDF : 836403.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

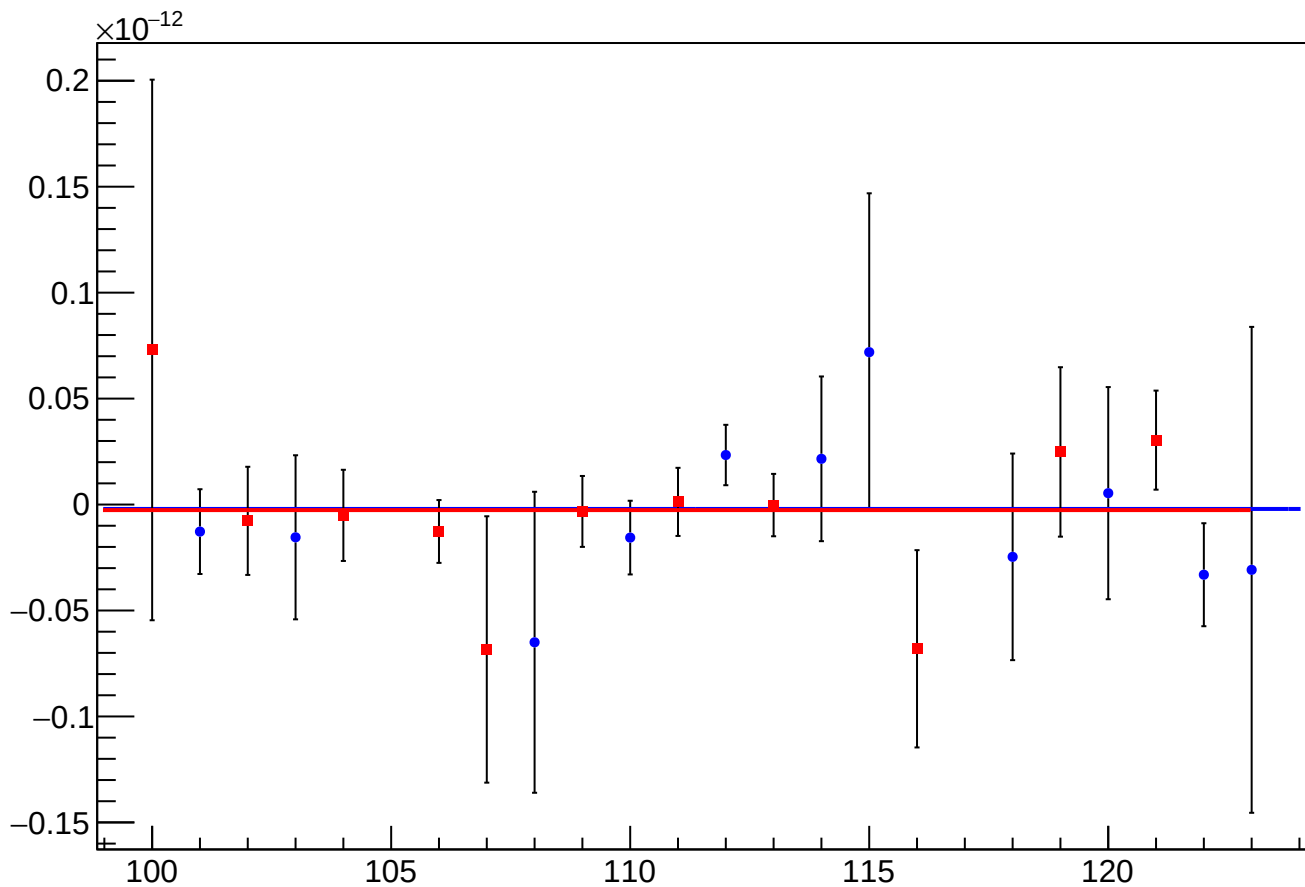
Right: 18.434+/-0.005 χ^2/NDF : 1505762.4/21

In: 17.773+/-0.007 χ^2/NDF : 650775.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.434+/-0.005 χ^2/NDF : 1505762.4/21

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/10

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

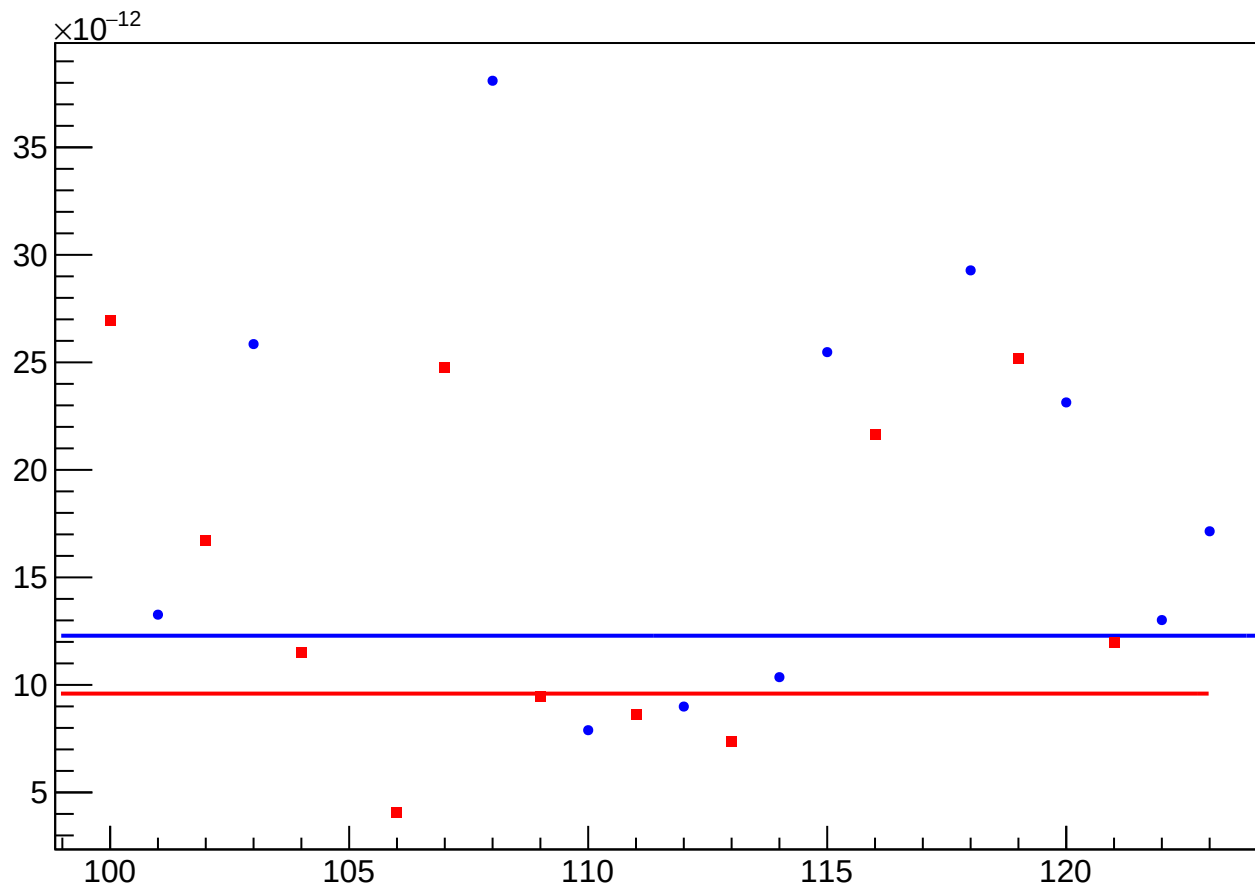
Right: -0.000+/-0.000 χ^2/NDF : 14.8/21

In: -0.000+/-0.000 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/21

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1158085.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1113726.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

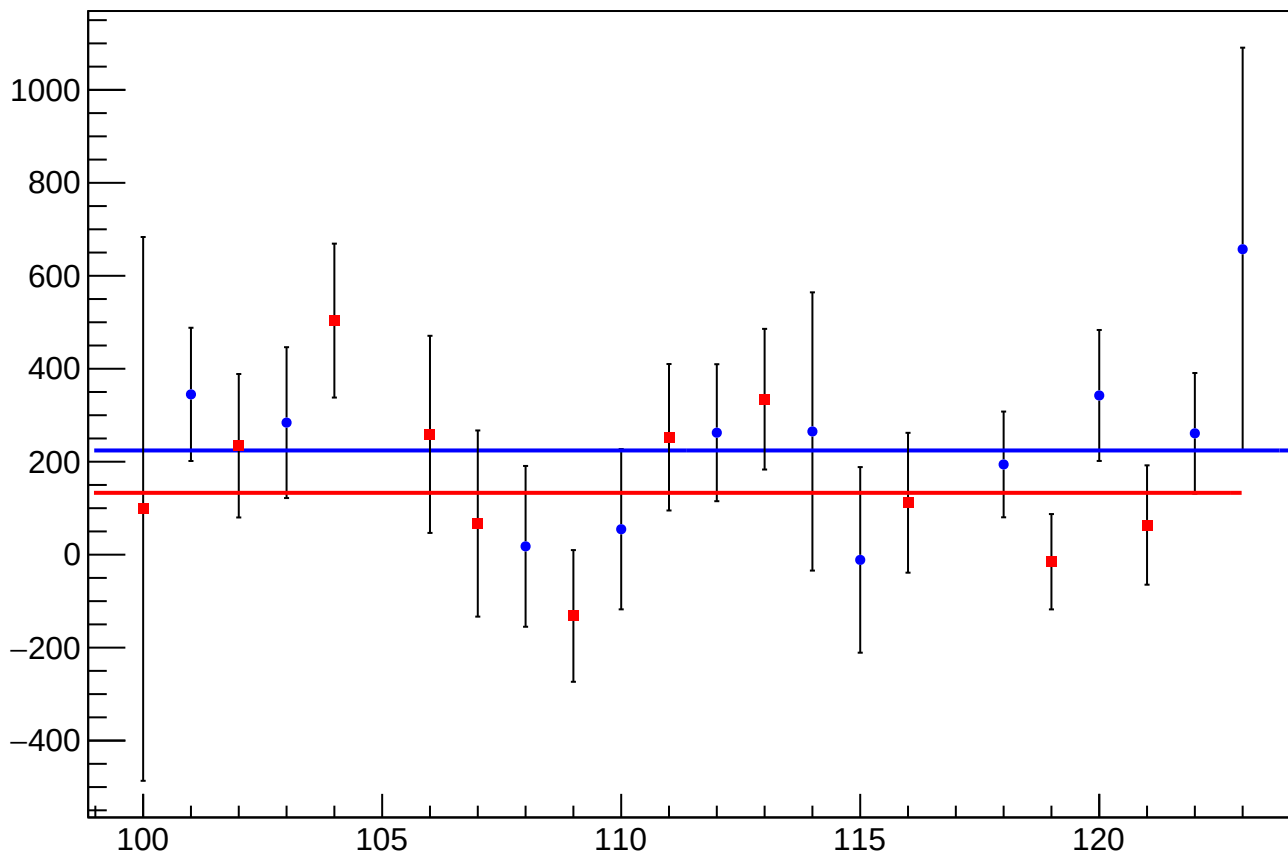
Right: 0.000+/-0.000 χ^2/NDF : 2404790.3/21

In: 0.000+/-0.000 χ^2/NDF : 1158085.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2404790.3/21

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 224.201 $\pm$ 48.314 χ^2 /NDF: 6.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.045 $\pm$ 46.512 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

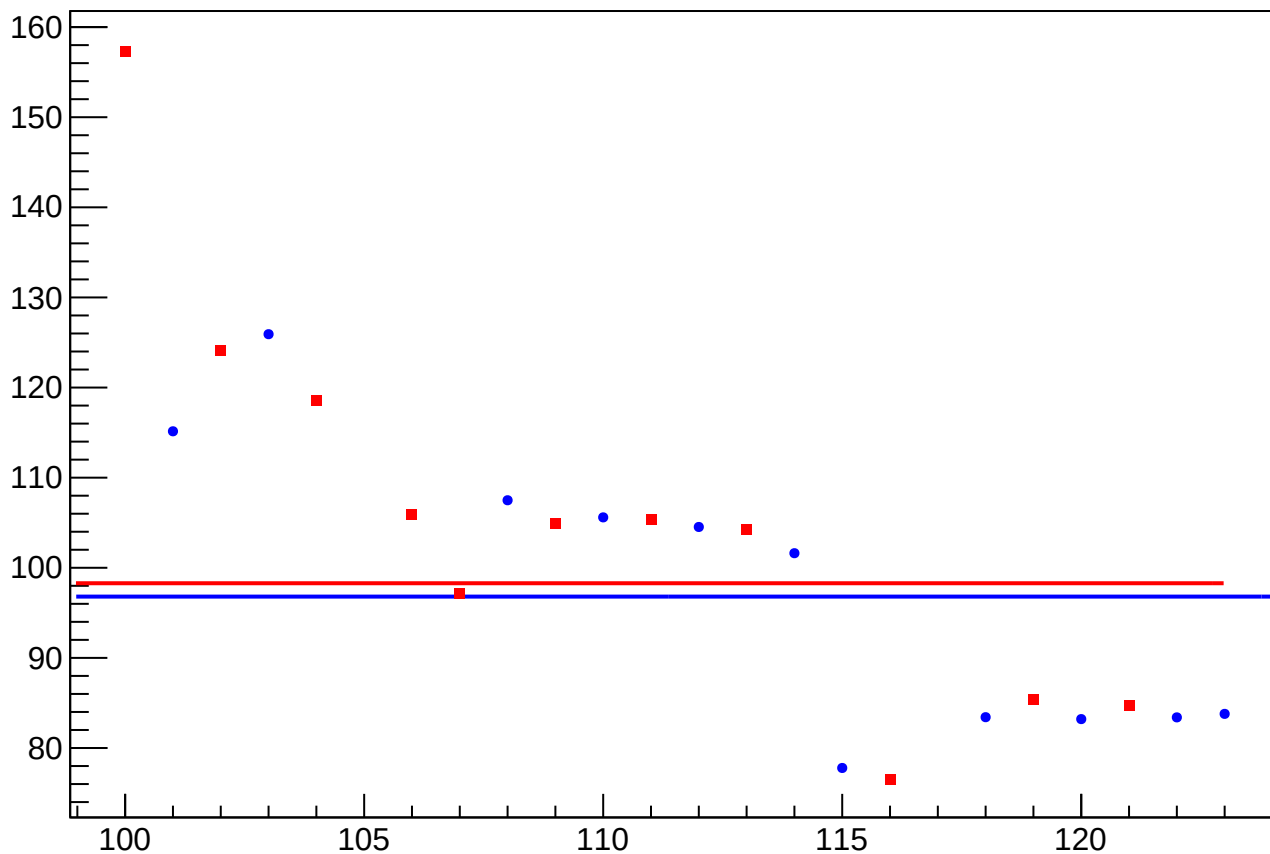
Right: 176.891 $\pm$ 33.508 χ^2 /NDF: 22.6/21

In: 224.201 $\pm$ 48.314 χ^2 /NDF:6.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.891 $\pm$ 33.508 χ^2 /NDF: 22.6/21

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 96.802 $\pm$ 0.034 χ^2 /NDF: 203606.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.284 $\pm$ 0.033 χ^2 /NDF: 216166.4/10

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

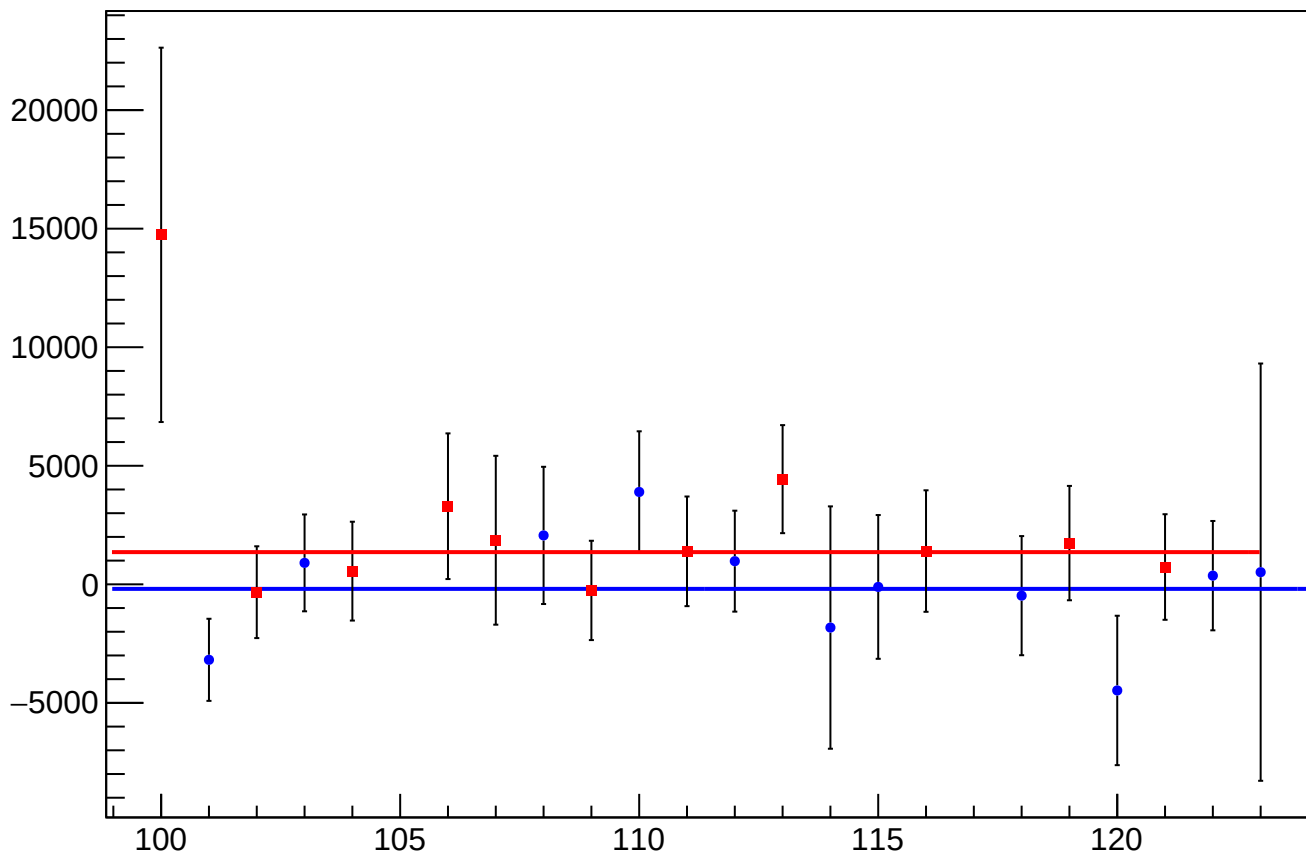
Right: 97.572 $\pm$ 0.024 χ^2 /NDF: 420750.0/21

In: 96.802 $\pm$ 0.034 χ^2 /NDF:203606.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.572 $\pm$ 0.024 χ^2 /NDF: 420750.0/21

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -191.836+/-772.997 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.474+/-738.876 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

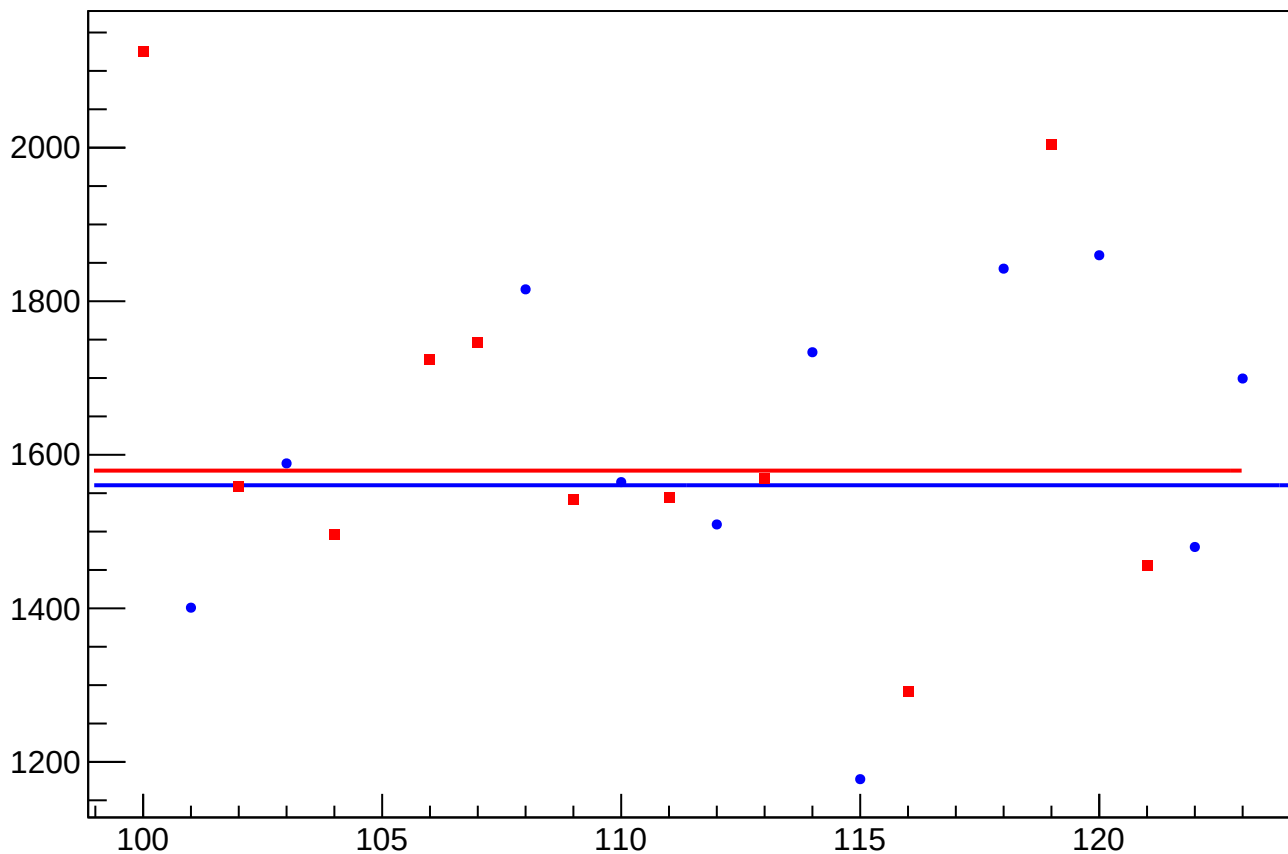
Right: 618.290+/-534.119 χ^2/NDF : 17.6/21

In: -191.836+/-772.997 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.290+/-534.119 χ^2/NDF : 17.6/21

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1560.332+/-0.547 χ^2/NDF : 114473.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1579.403+/-0.522 χ^2/NDF : 116165.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

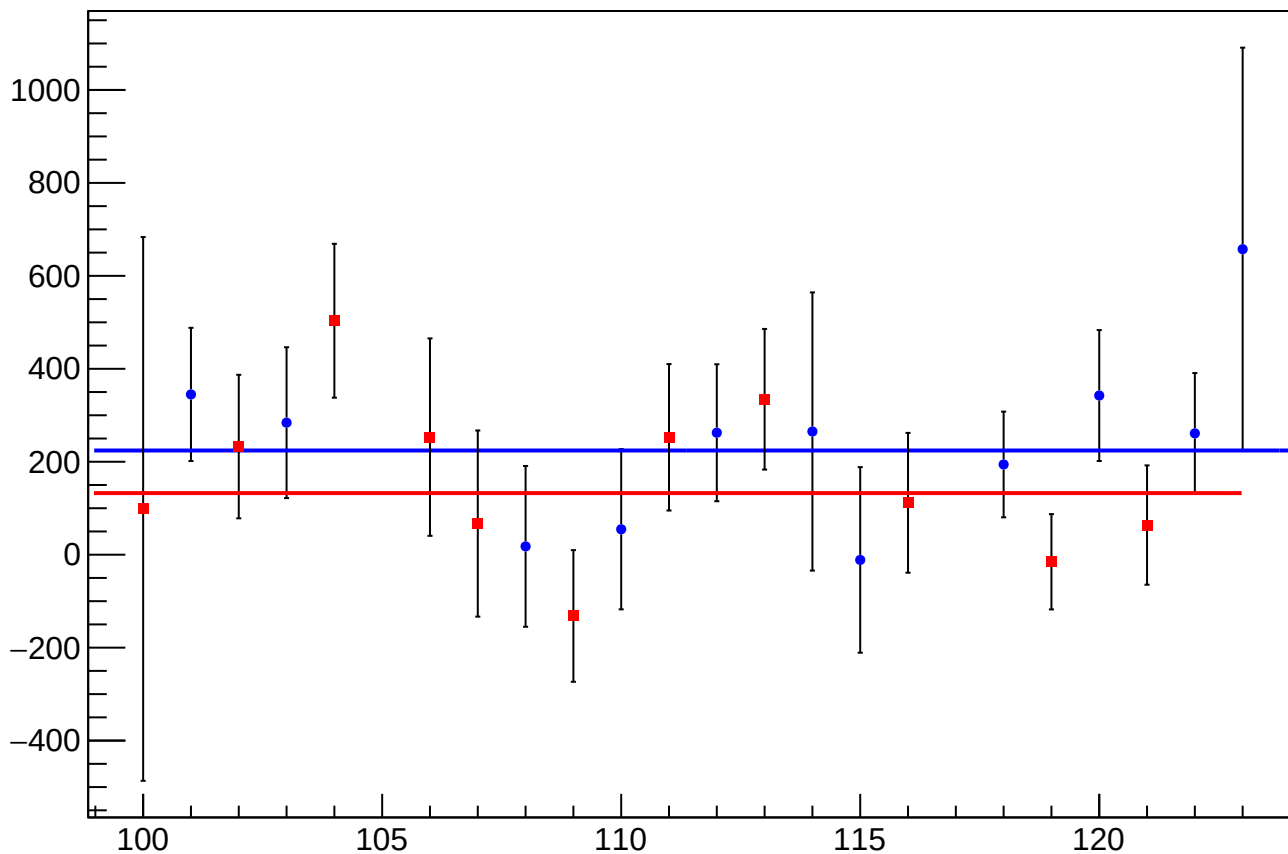
Right: 1570.298+/-0.378 χ^2/NDF : 231274.5/21

In: 1560.332+/-0.547 χ^2/NDF : 114473.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.298+/-0.378 χ^2/NDF : 231274.5/21

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 224.201+/-48.314 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.570+/-46.517 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

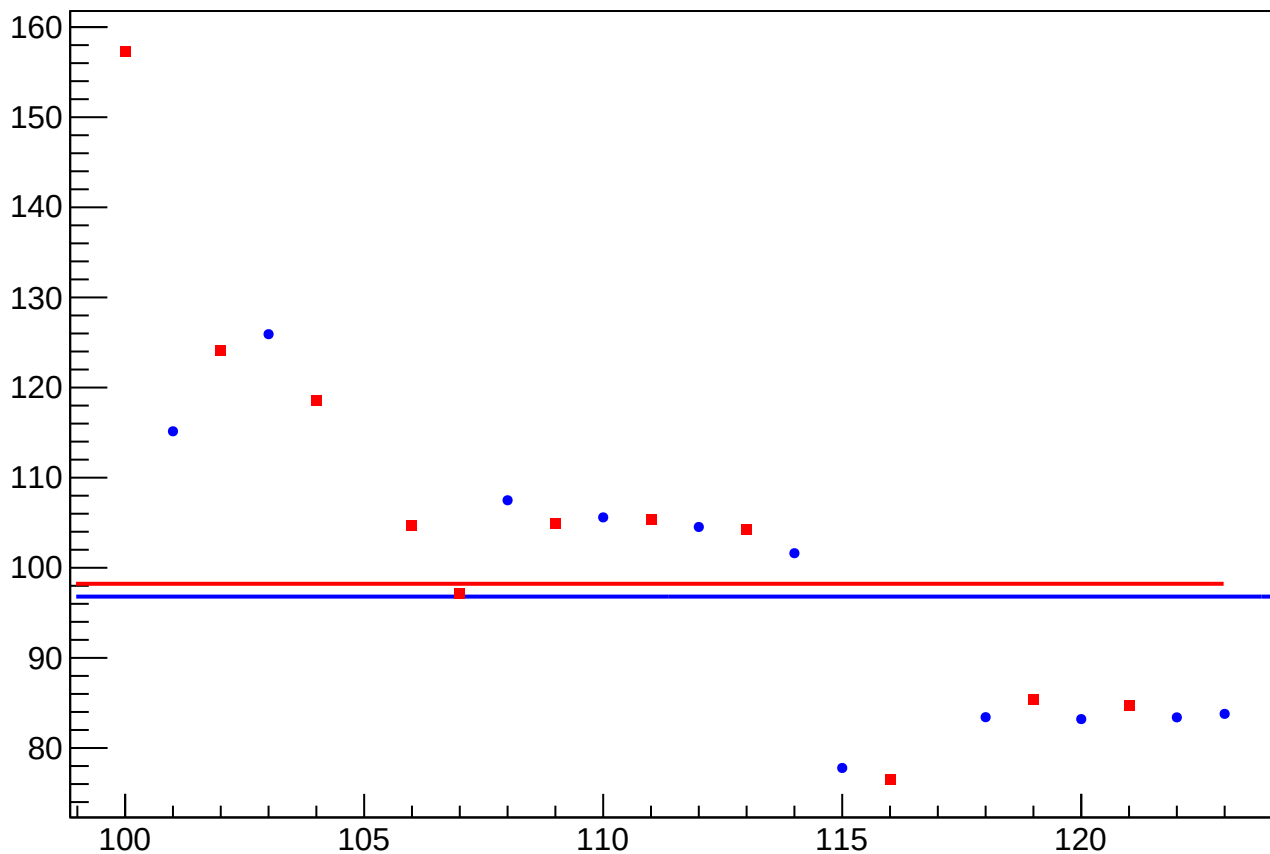
Right: 176.650+/-33.510 χ^2/NDF : 22.5/21

In: 224.201+/-48.314 χ^2/NDF : 6.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.650+/-33.510 χ^2/NDF : 22.5/21

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 96.802 $\pm$ 0.034 χ^2 /NDF: 203608.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.224 $\pm$ 0.033 χ^2 /NDF: 215549.3/10

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

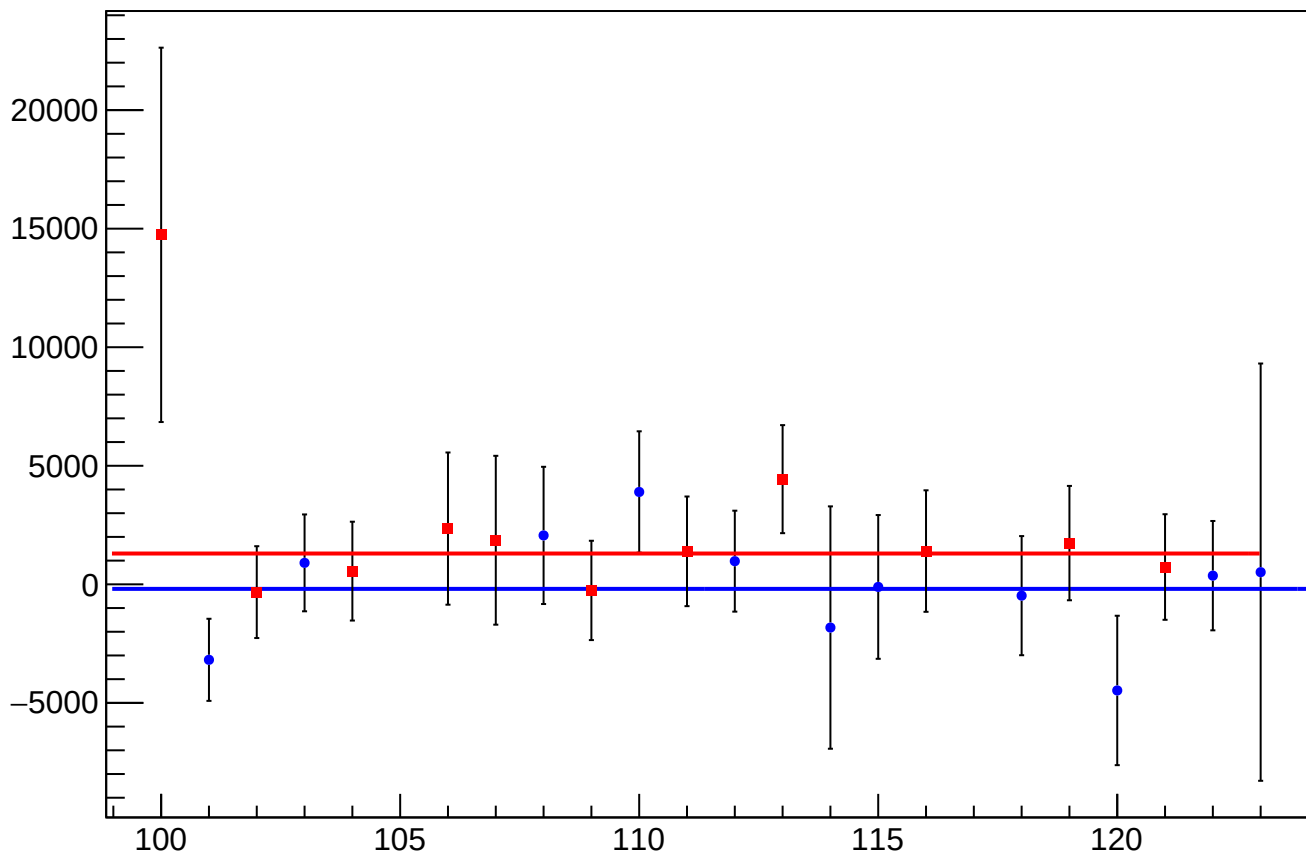
Right: 97.540 $\pm$ 0.024 χ^2 /NDF: 420056.7/21

In: 96.802 $\pm$ 0.034 χ^2 /NDF:203608.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.540 $\pm$ 0.024 χ^2 /NDF: 420056.7/21

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -191.776+/-773.001 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1299.492+/-740.722 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

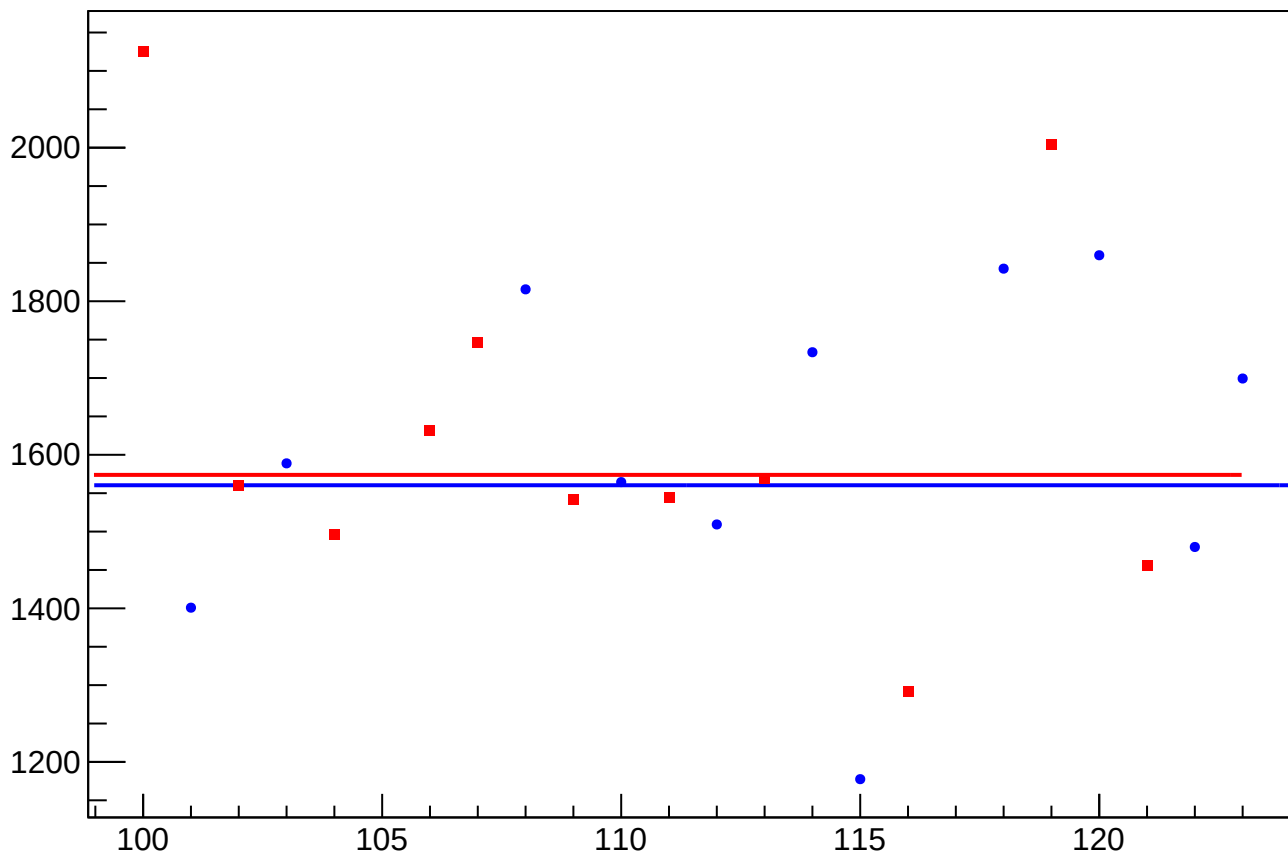
Right: 585.645+/-534.817 χ^2/NDF : 17.1/21

In: -191.776+/-773.001 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.645+/-534.817 χ^2/NDF : 17.1/21

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1560.341+/-0.547 χ^2/NDF : 114475.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.838+/-0.524 χ^2/NDF : 112093.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

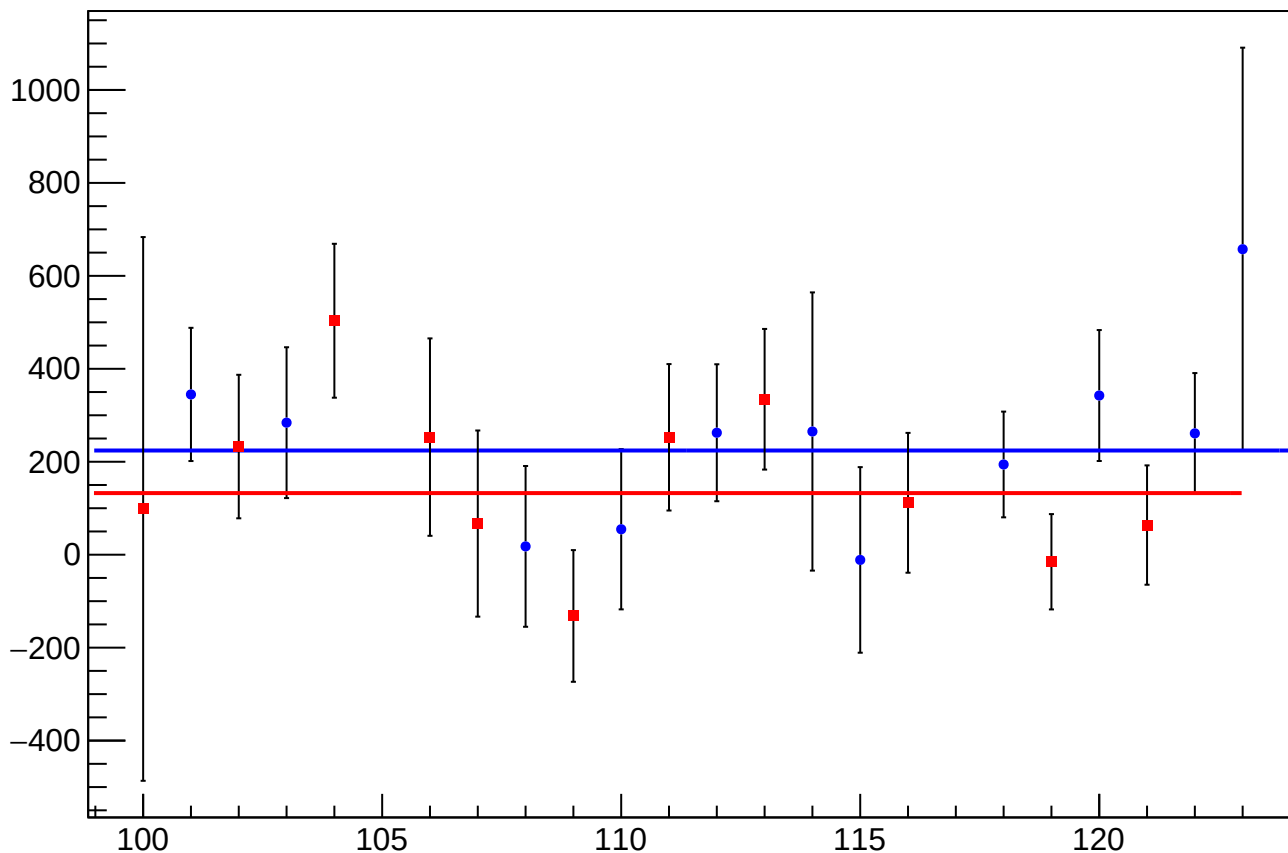
Right: 1567.377+/-0.378 χ^2/NDF : 226886.6/21

In: 1560.341+/-0.547 χ^2/NDF : 114475.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.377+/-0.378 χ^2/NDF : 226886.6/21

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 224.201 $\pm$ 48.314 χ^2 /NDF: 6.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.570 $\pm$ 46.517 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

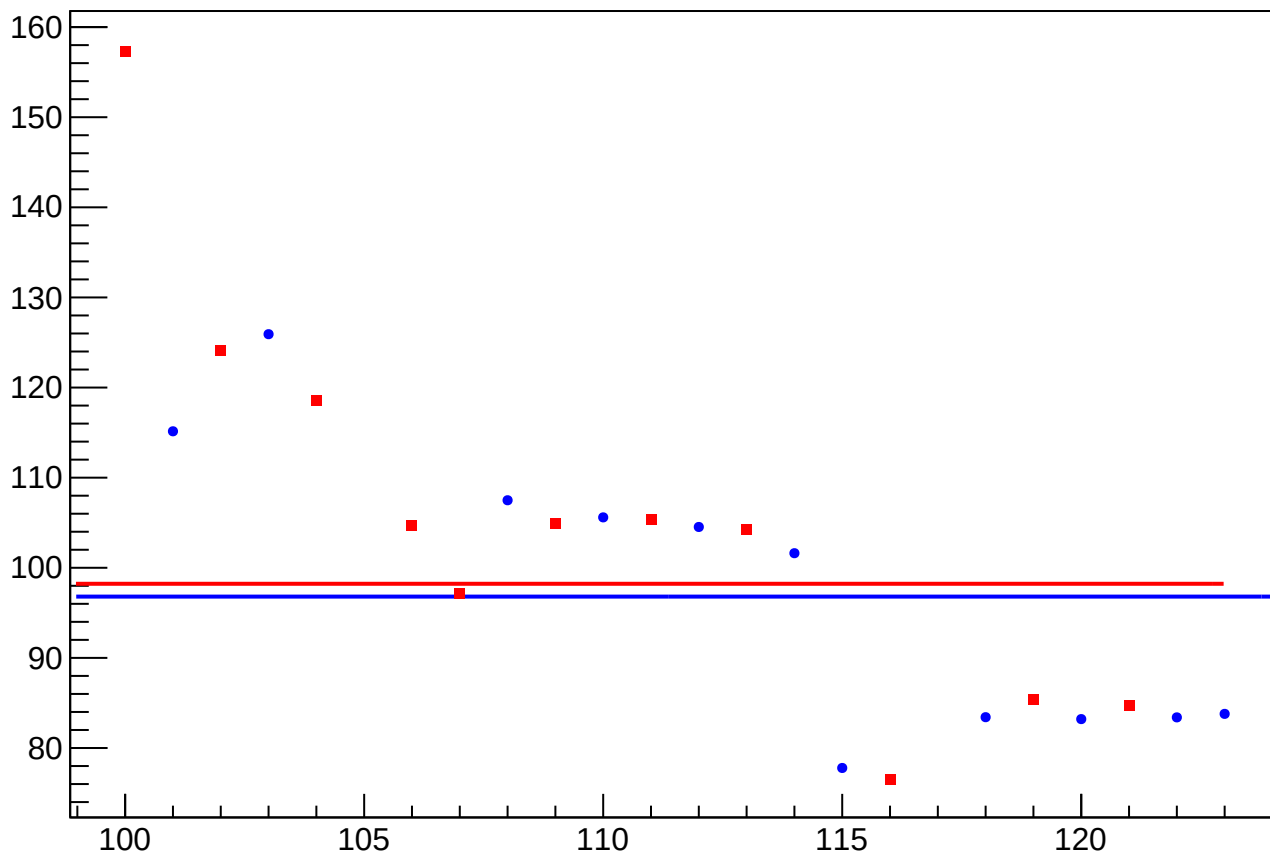
Right: 176.650 $\pm$ 33.510 χ^2 /NDF: 22.5/21

In: 224.201 $\pm$ 48.314 χ^2 /NDF:6.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.650 $\pm$ 33.510 χ^2 /NDF: 22.5/21

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 96.802+/-0.034 χ^2/NDF : 203608.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.224+/-0.033 χ^2/NDF : 215549.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

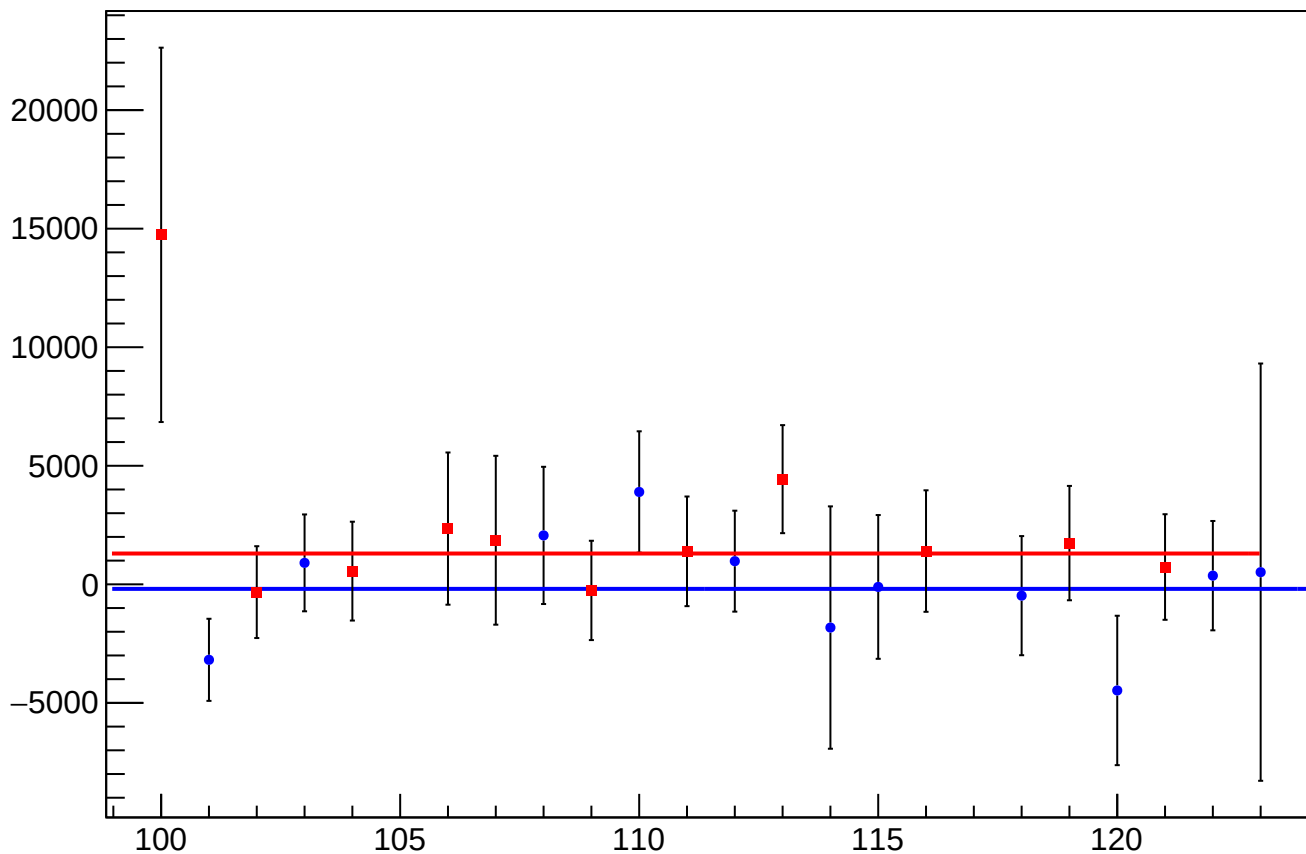
Right: 97.540+/-0.024 χ^2/NDF : 420056.7/21

In: 96.802+/-0.034 χ^2/NDF : 203608.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.540+/-0.024 χ^2/NDF : 420056.7/21

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -191.776+/-773.001 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1299.492+/-740.722 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

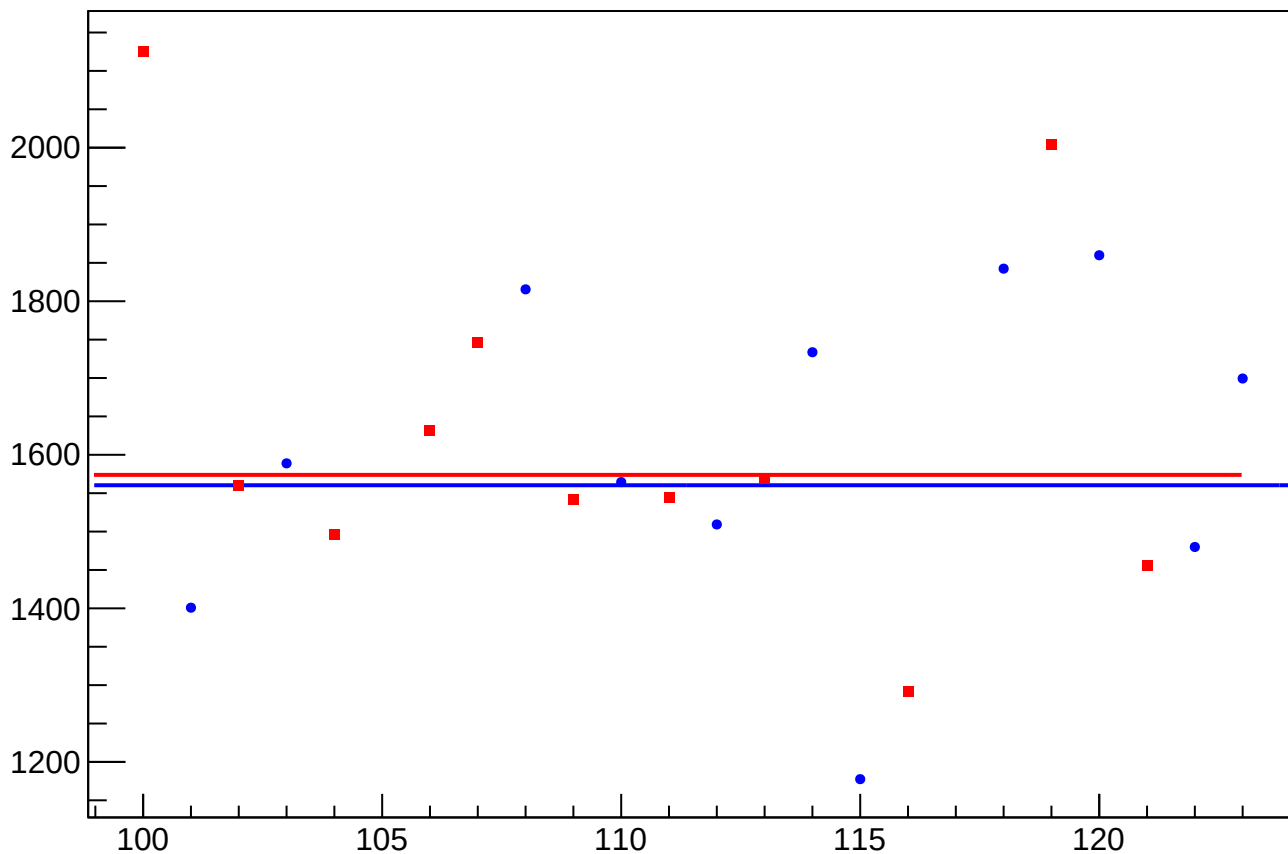
Right: 585.645+/-534.817 χ^2/NDF : 17.1/21

In: -191.776+/-773.001 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.645+/-534.817 χ^2/NDF : 17.1/21

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1560.341+/-0.547 χ^2/NDF : 114475.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.838+/-0.524 χ^2/NDF : 112093.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

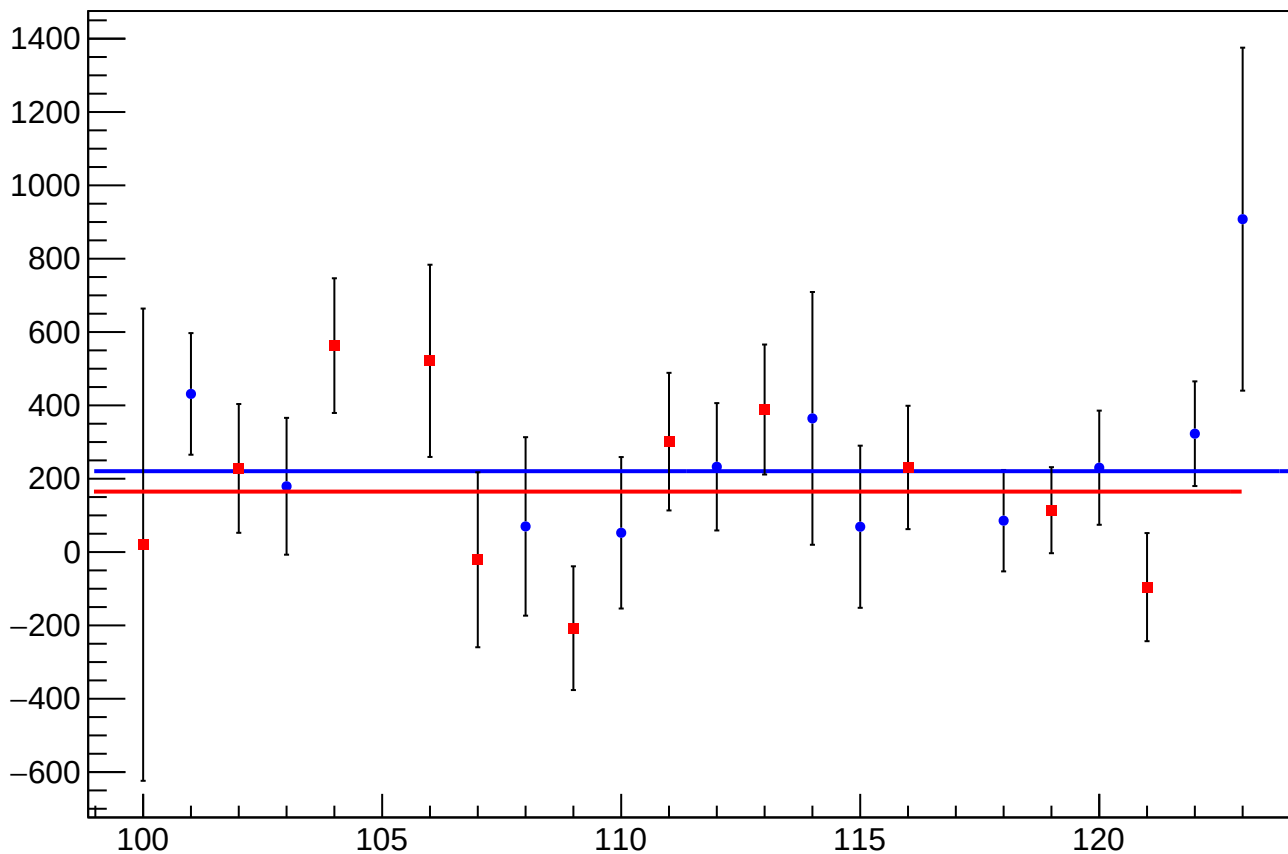
Right: 1567.377+/-0.378 χ^2/NDF : 226886.6/21

In: 1560.341+/-0.547 χ^2/NDF : 114475.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.377+/-0.378 χ^2/NDF : 226886.6/21

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 220.556 $\pm$ 56.369 χ^2 /NDF: 7.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.886 $\pm$ 53.759 χ^2 /NDF: 17.8/10

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

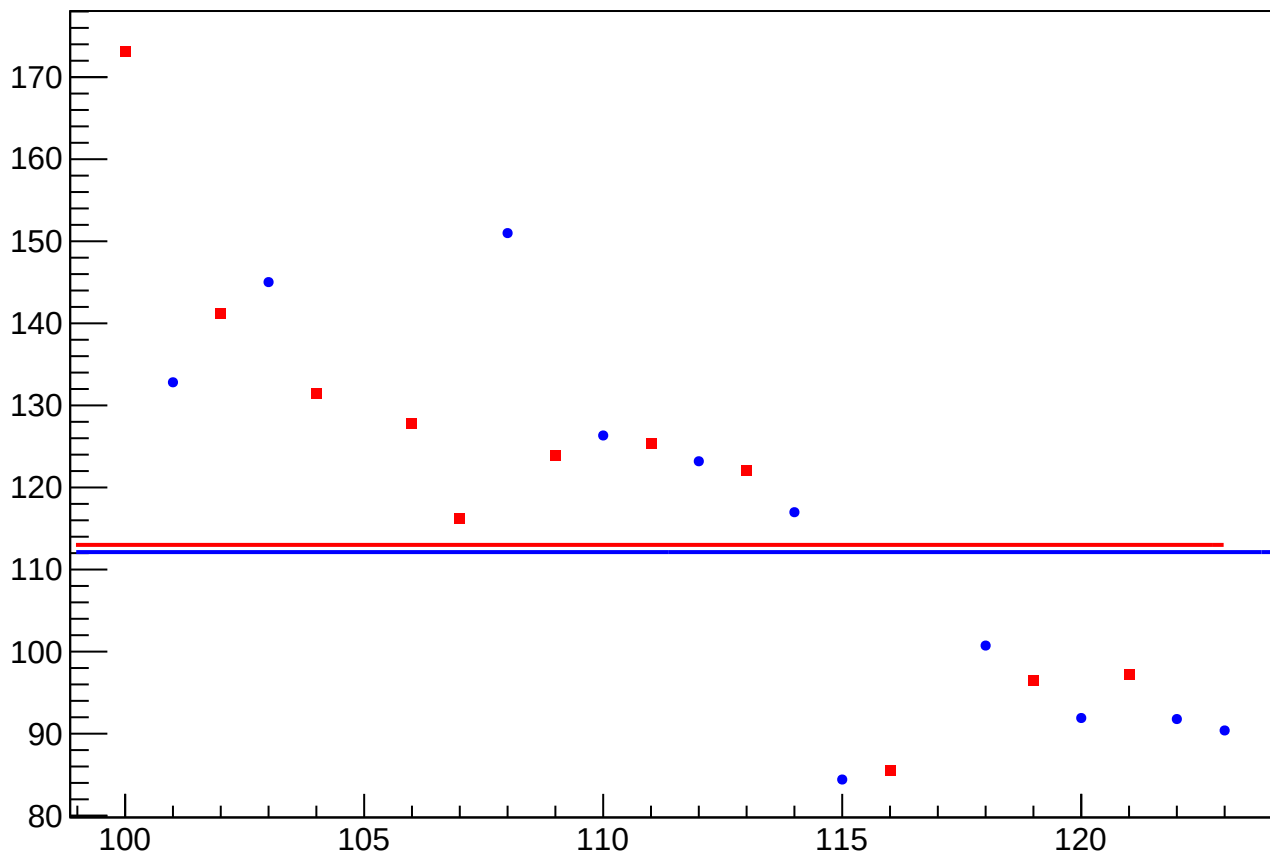
Right: 191.402 $\pm$ 38.903 χ^2 /NDF: 25.3/21

In: 220.556 $\pm$ 56.369 χ^2 /NDF:7.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.402 $\pm$ 38.903 χ^2 /NDF: 25.3/21

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 112.125+/-0.040 χ^2/NDF : 286028.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.004+/-0.038 χ^2/NDF : 234489.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

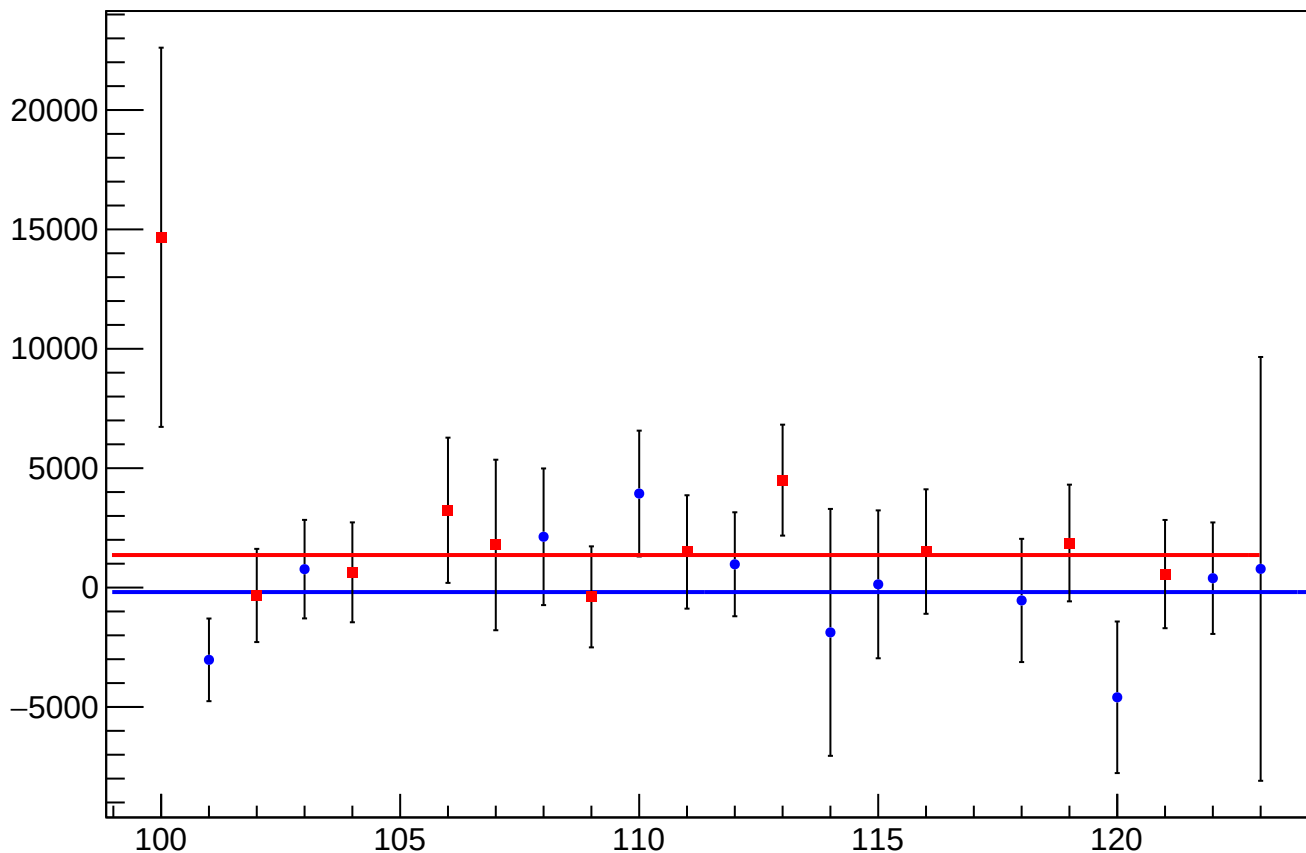
Right: 112.586+/-0.028 χ^2/NDF : 520772.7/21

In: 112.125+/-0.040 χ^2/NDF : 286028.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.586+/-0.028 χ^2/NDF : 520772.7/21

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -188.120+/-782.472 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.764+/-747.678 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

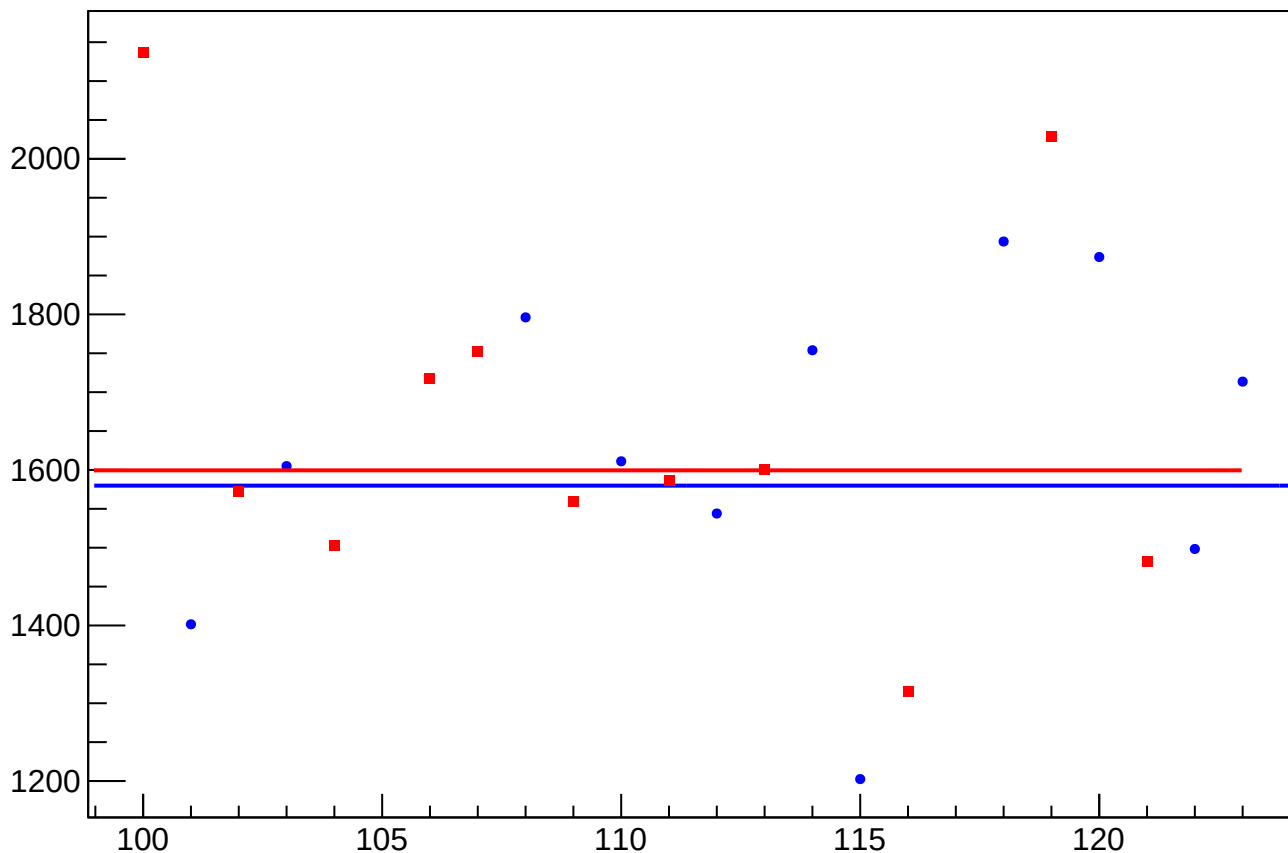
Right: 622.569+/-540.570 χ^2/NDF : 17.2/21

In: -188.120+/-782.472 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.569+/-540.570 χ^2/NDF : 17.2/21

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1579.808+/-0.553 χ^2/NDF : 115380.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.475+/-0.529 χ^2/NDF : 112002.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

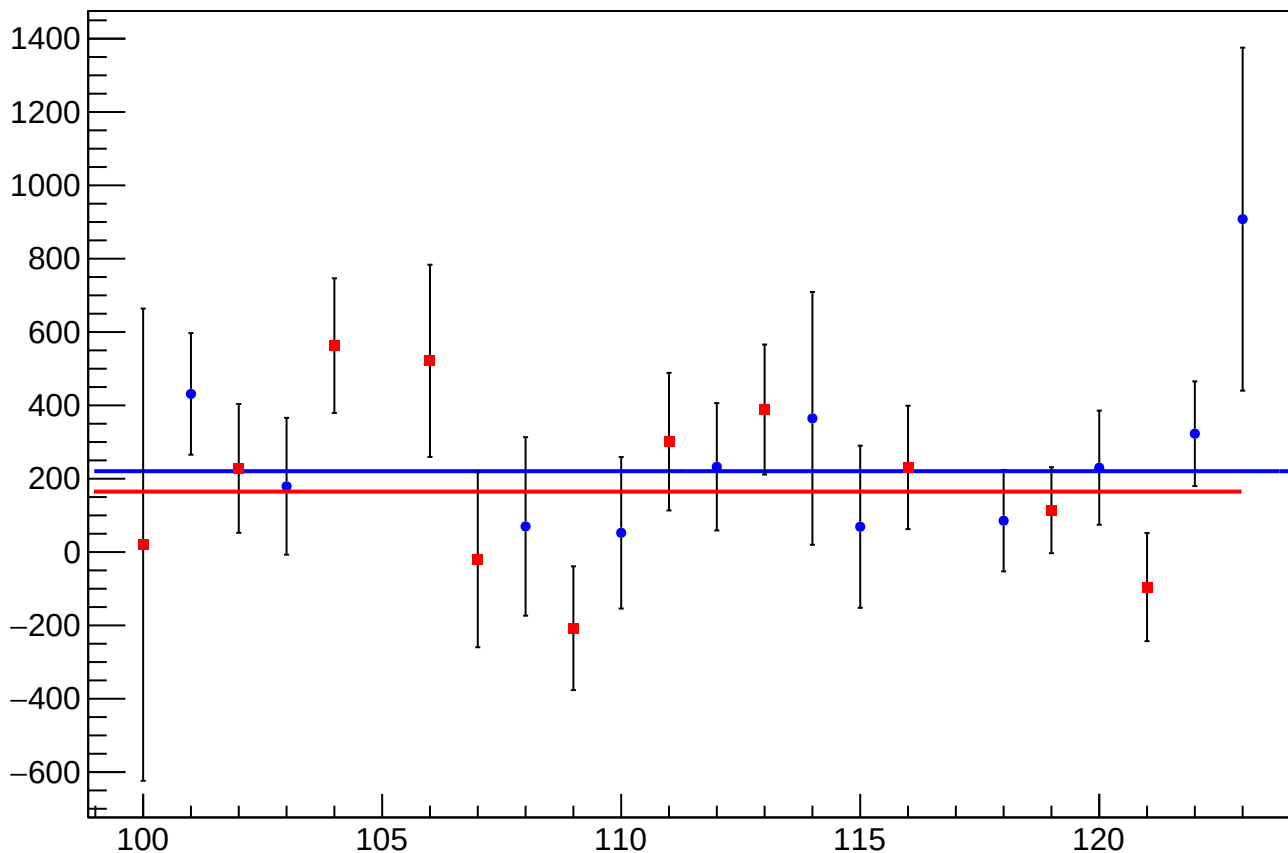
Right: 1590.089+/-0.382 χ^2/NDF : 228042.8/21

In: 1579.808+/-0.553 χ^2/NDF : 115380.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.089+/-0.382 χ^2/NDF : 228042.8/21

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 220.555+/-56.368 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.882+/-53.759 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

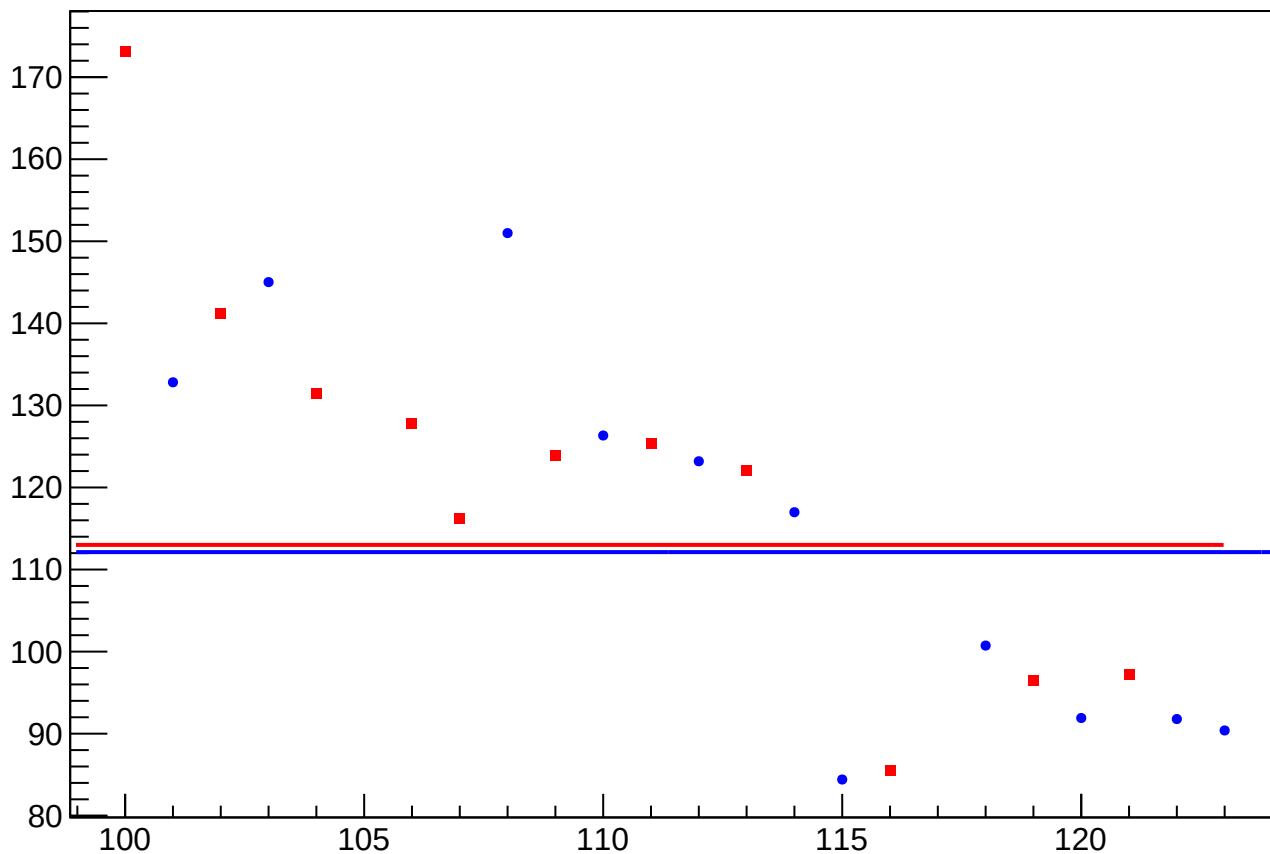
Right: 191.400+/-38.903 χ^2/NDF : 25.3/21

In: 220.555+/-56.368 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.400+/-38.903 χ^2/NDF : 25.3/21

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 112.125+/-0.040 χ^2/NDF : 286028.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.003+/-0.038 χ^2/NDF : 234488.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

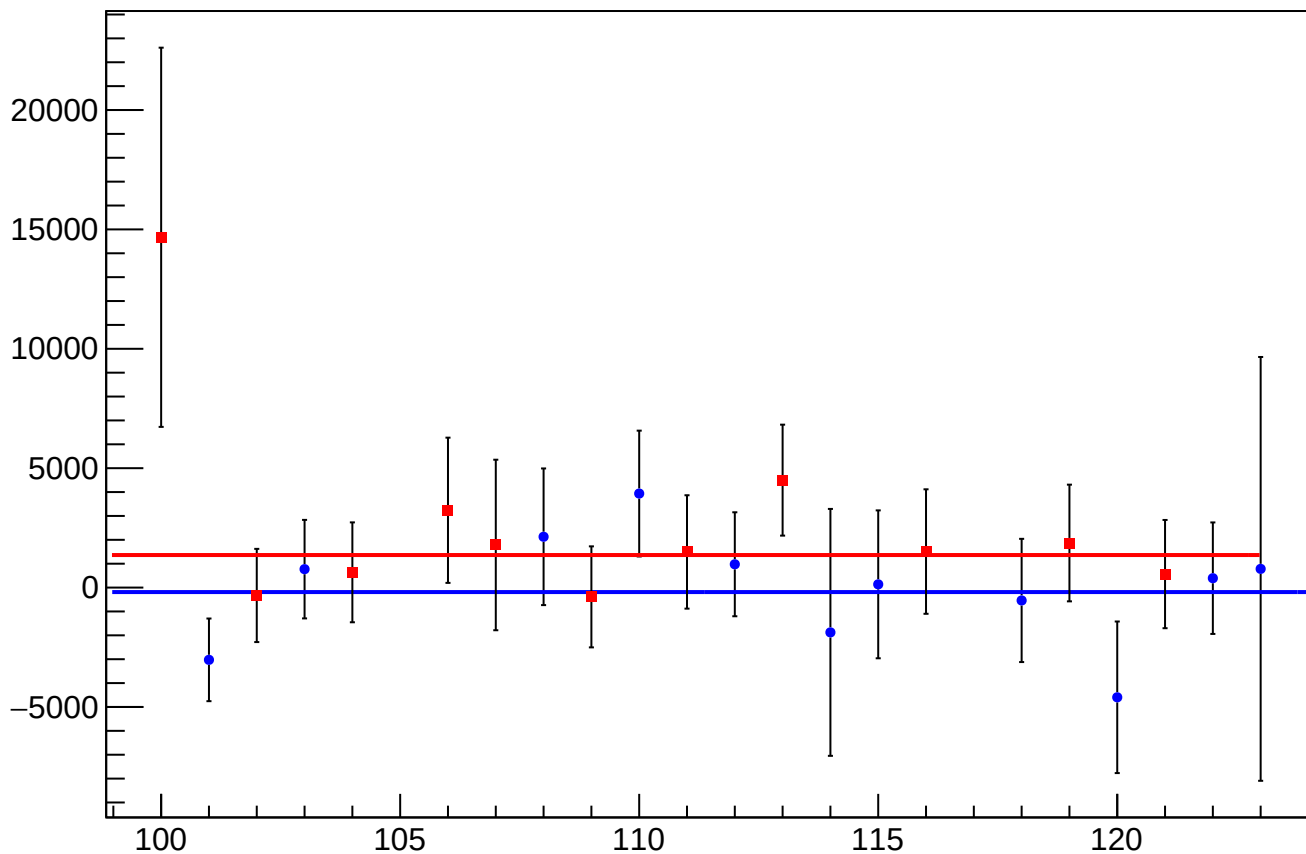
Right: 112.585+/-0.028 χ^2/NDF : 520771.2/21

In: 112.125+/-0.040 χ^2/NDF : 286028.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.585+/-0.028 χ^2/NDF : 520771.2/21

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -188.117 ± 782.470 χ^2/NDF : 8.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1362.762 ± 747.676 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

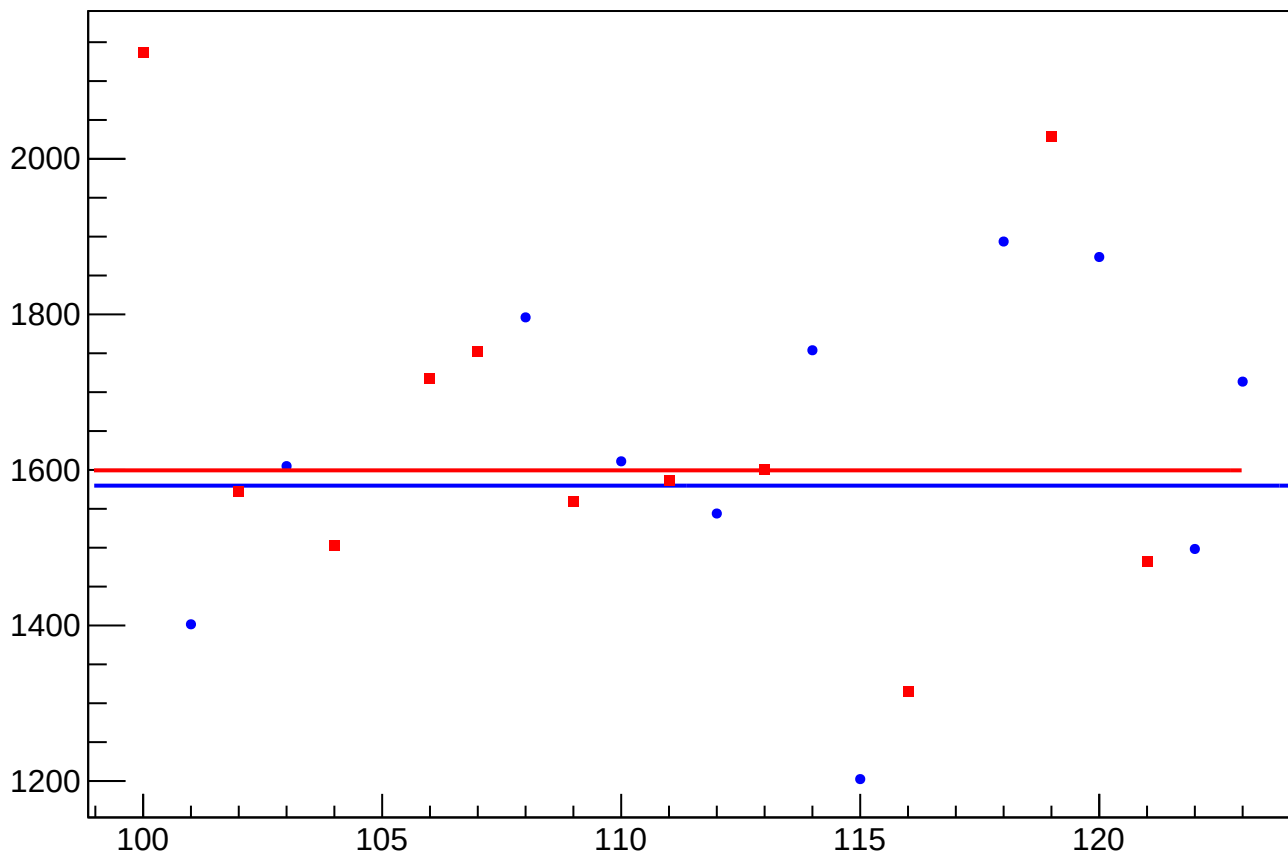
Right: 622.570 ± 540.569 χ^2/NDF : 17.2/21

In: -188.117 ± 782.470 χ^2/NDF : 8.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 622.570 ± 540.569 χ^2/NDF : 17.2/21

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1579.805+/-0.553 χ^2/NDF : 115379.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.472+/-0.529 χ^2/NDF : 112002.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

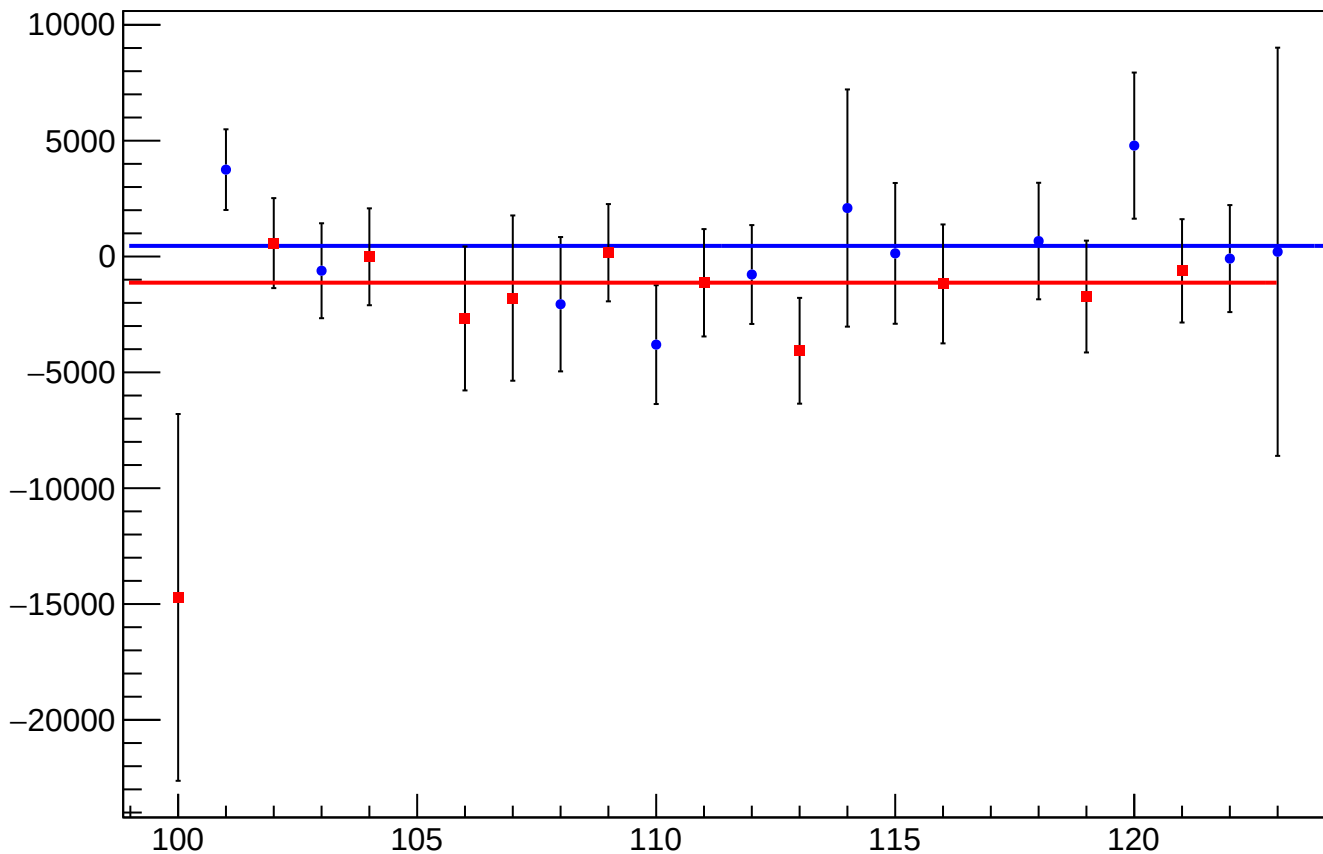
Right: 1590.086+/-0.382 χ^2/NDF : 228041.7/21

In: 1579.805+/-0.553 χ^2/NDF : 115379.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.086+/-0.382 χ^2/NDF : 228041.7/21

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 459.367+/-775.189 χ^2 /NDF: 9.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1128.729+/-740.976 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

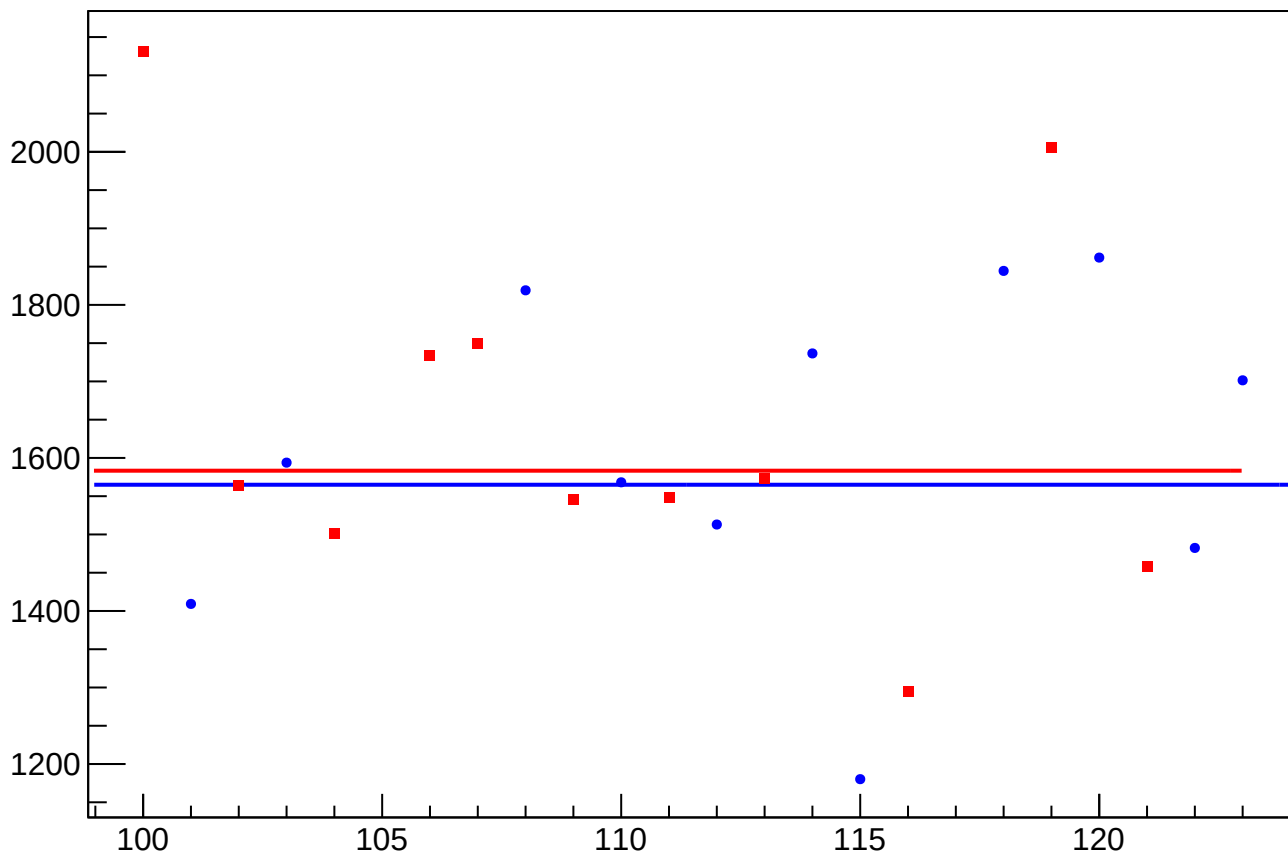
Right: -370.499+/-535.636 χ^2 /NDF: 18.4/21

In: 459.367+/-775.189 χ^2 /NDF:9.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -370.499+/-535.636 χ^2 /NDF: 18.4/21

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1564.964+/-0.548 χ^2/NDF : 112705.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1583.317+/-0.524 χ^2/NDF : 115822.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

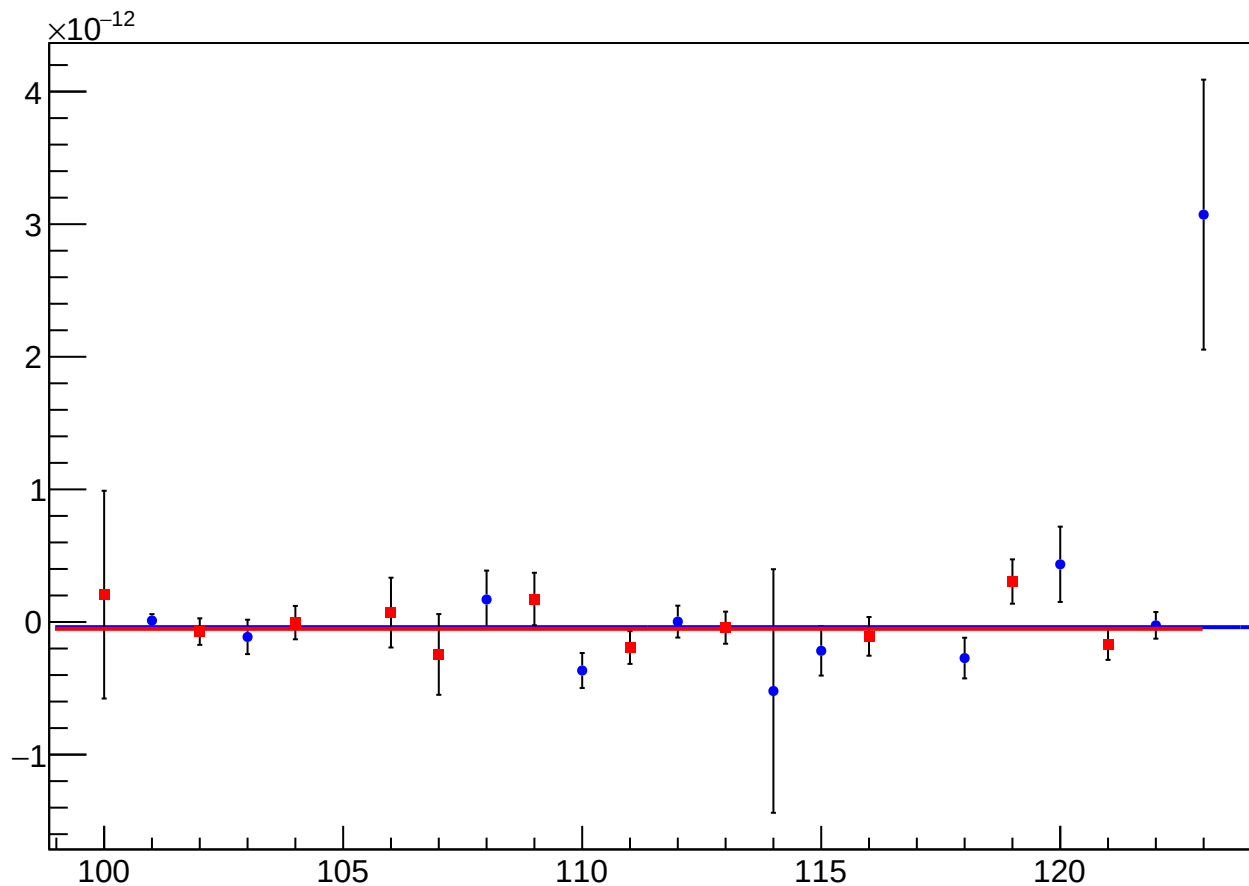
Right: 1574.555+/-0.379 χ^2/NDF : 229113.1/21

In: 1564.964+/-0.548 χ^2/NDF : 112705.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.555+/-0.379 χ^2/NDF : 229113.1/21

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 24.2/10

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

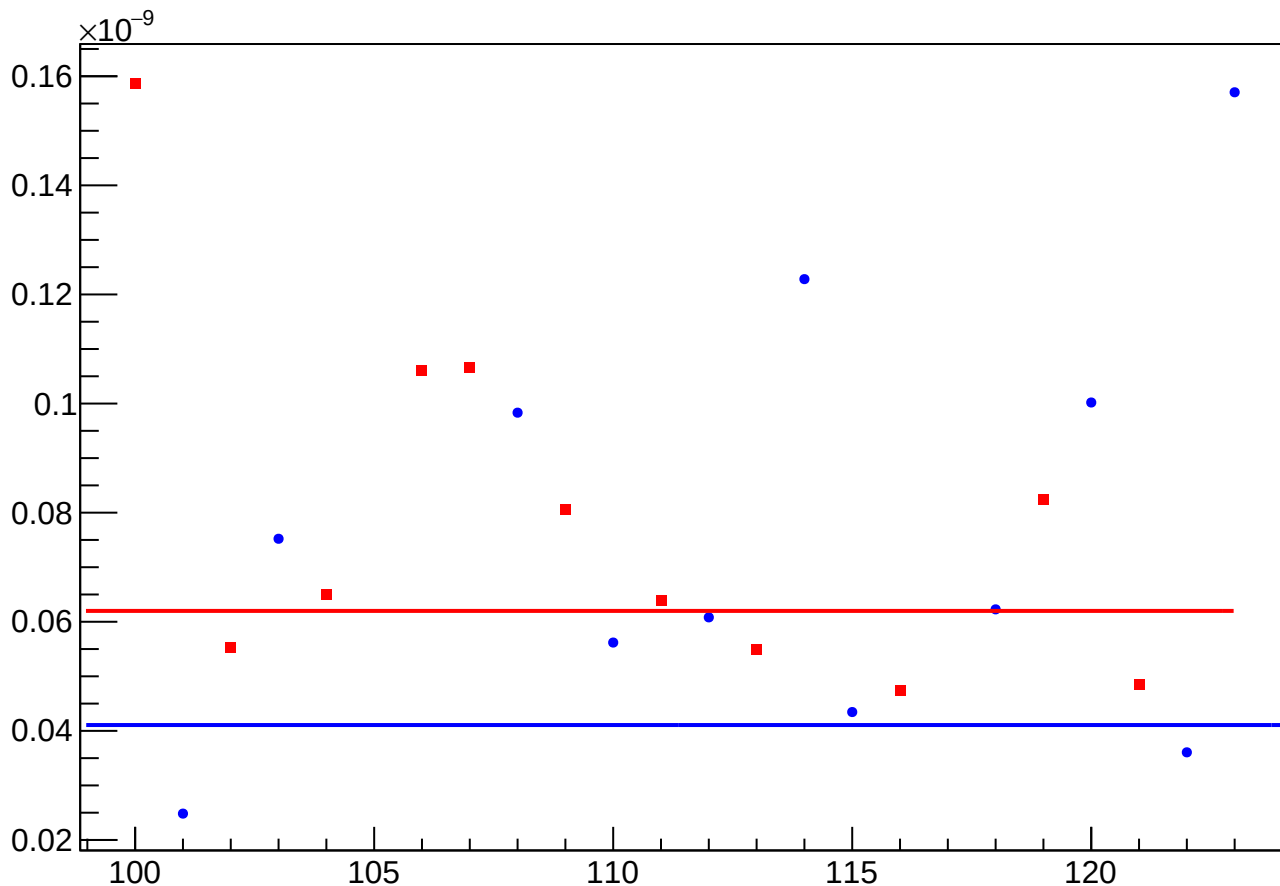
Right: -0.000+/-0.000 χ^2 /NDF: 33.4/21

In: -0.000+/-0.000 χ^2 /NDF:24.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.4/21

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 752638.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 239385.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

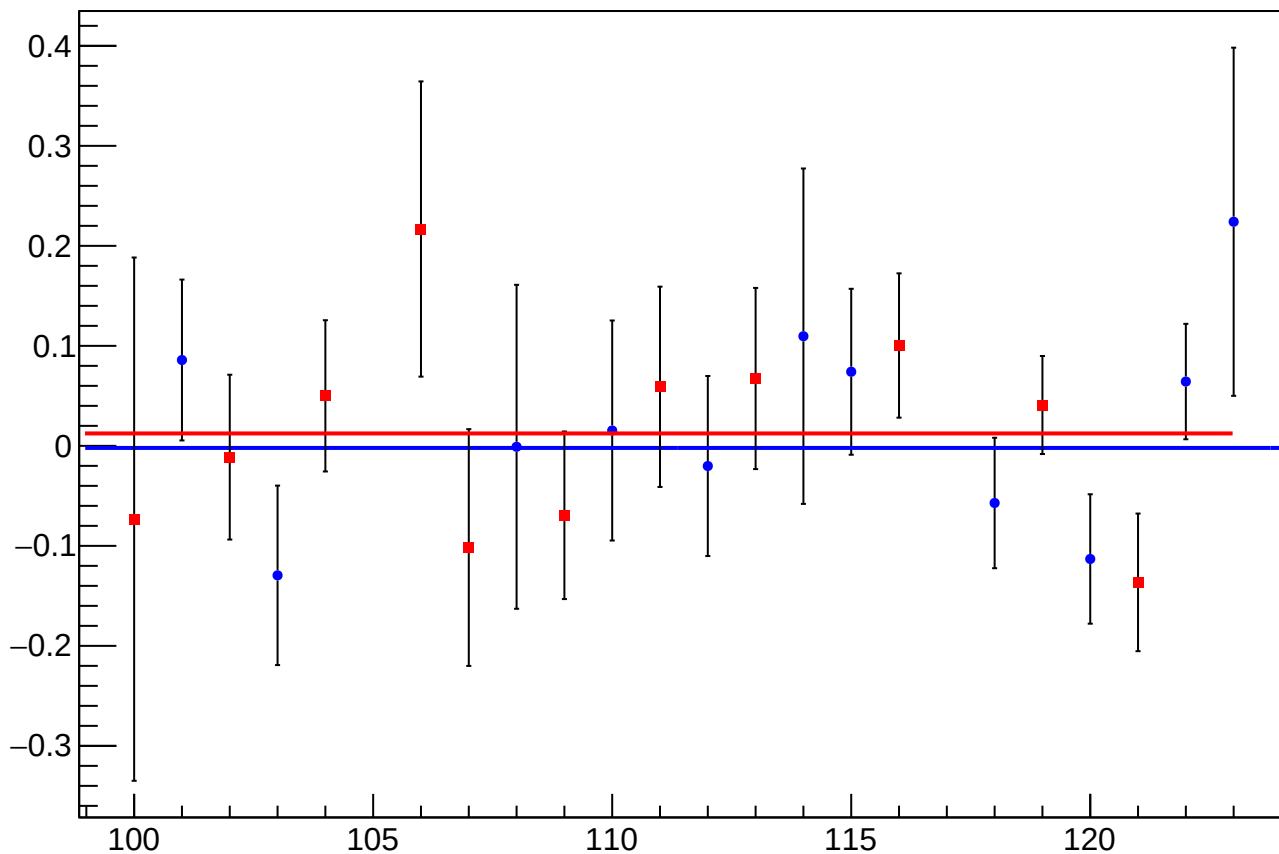
Right: 0.000+/-0.000 χ^2/NDF : 1264198.6/21

In: 0.000+/-0.000 χ^2/NDF : 752638.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1264198.6/21

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.026 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.025 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

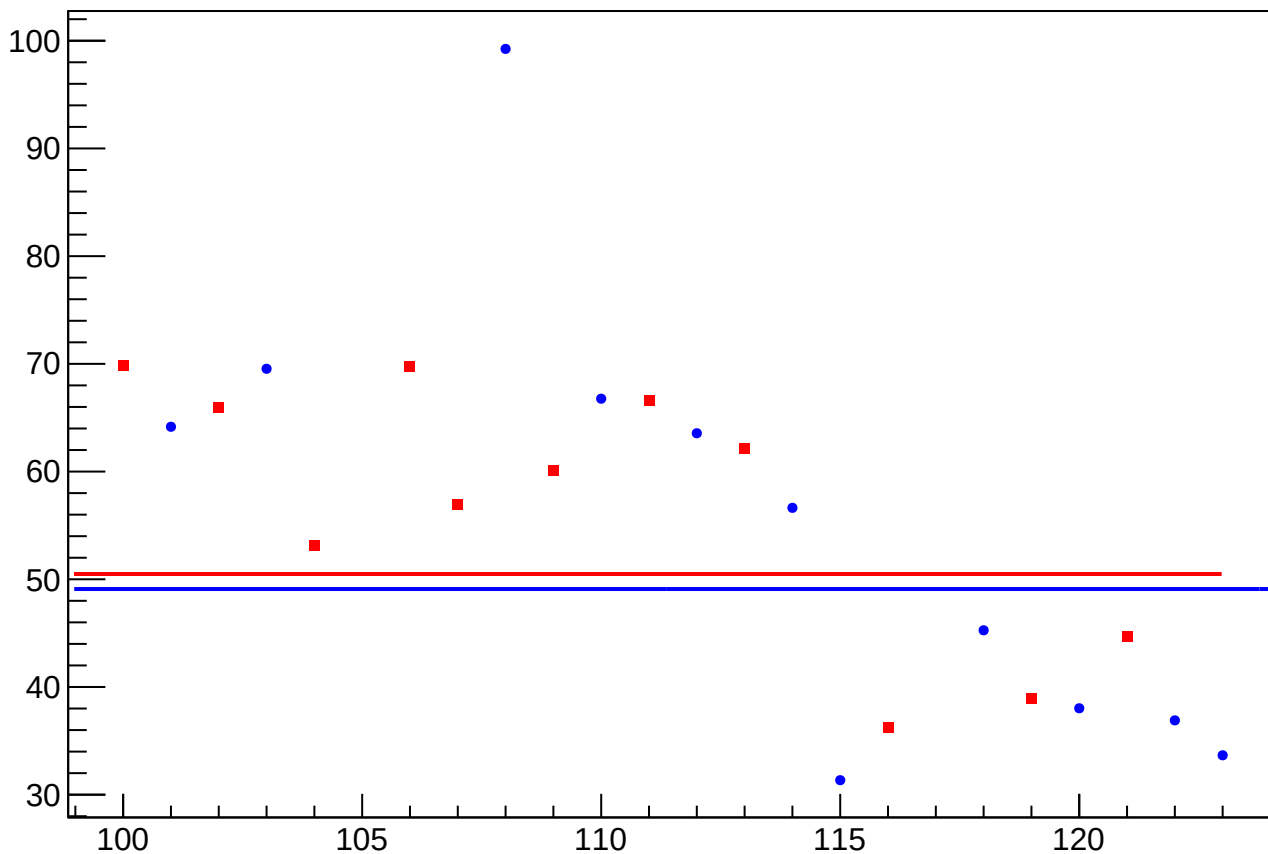
Right: 0.005 $\pm$ 0.018 χ^2 /NDF: 22.7/21

In: -0.002 $\pm$ 0.026 χ^2 /NDF:11.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.018 χ^2 /NDF: 22.7/21

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.095+/-0.018 χ^2/NDF : 735005.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.490+/-0.017 χ^2/NDF : 438343.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

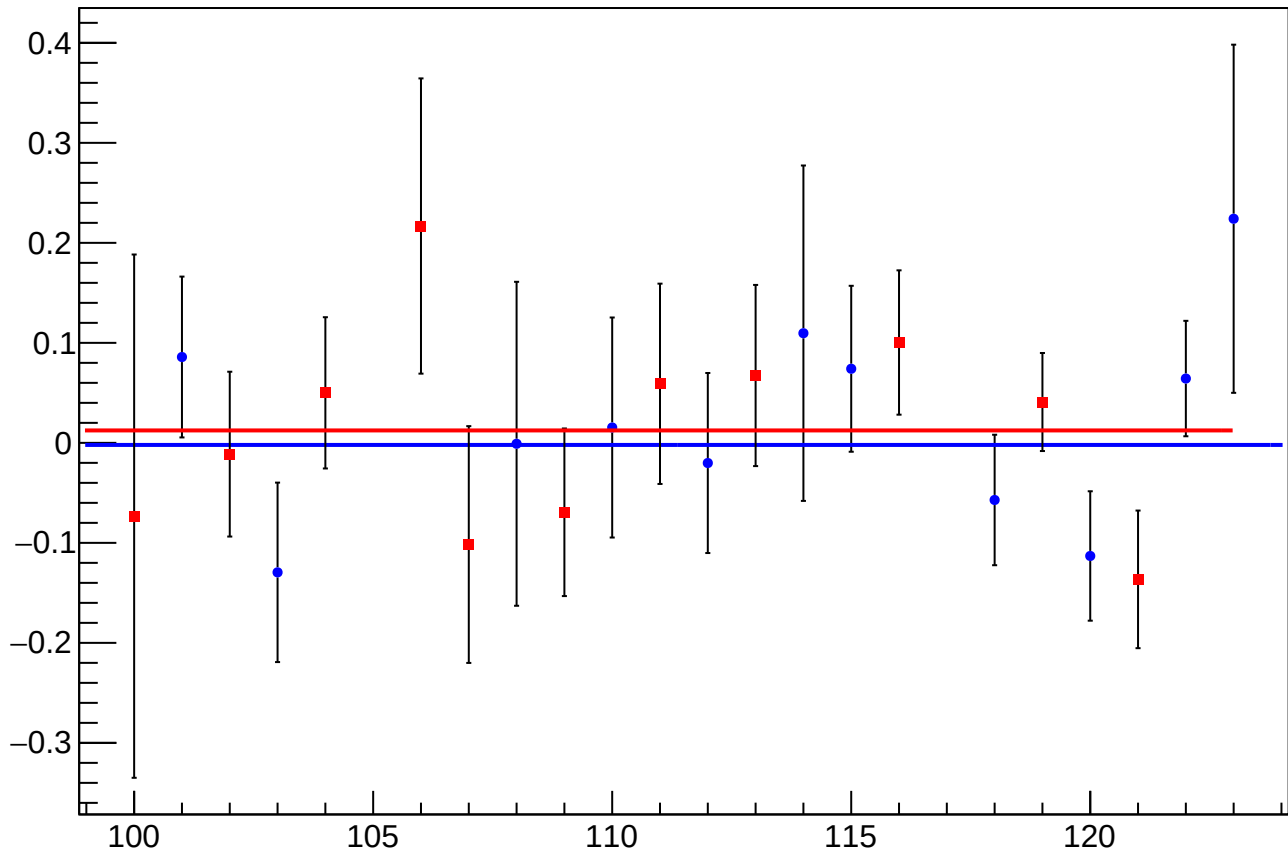
Right: 49.821+/-0.013 χ^2/NDF : 1176404.9/21

In: 49.095+/-0.018 χ^2/NDF : 735005.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.821+/-0.013 χ^2/NDF : 1176404.9/21

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.026 $\chi^2/\text{NDF}: 11.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.012 ± 0.025 $\chi^2/\text{NDF}: 11.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

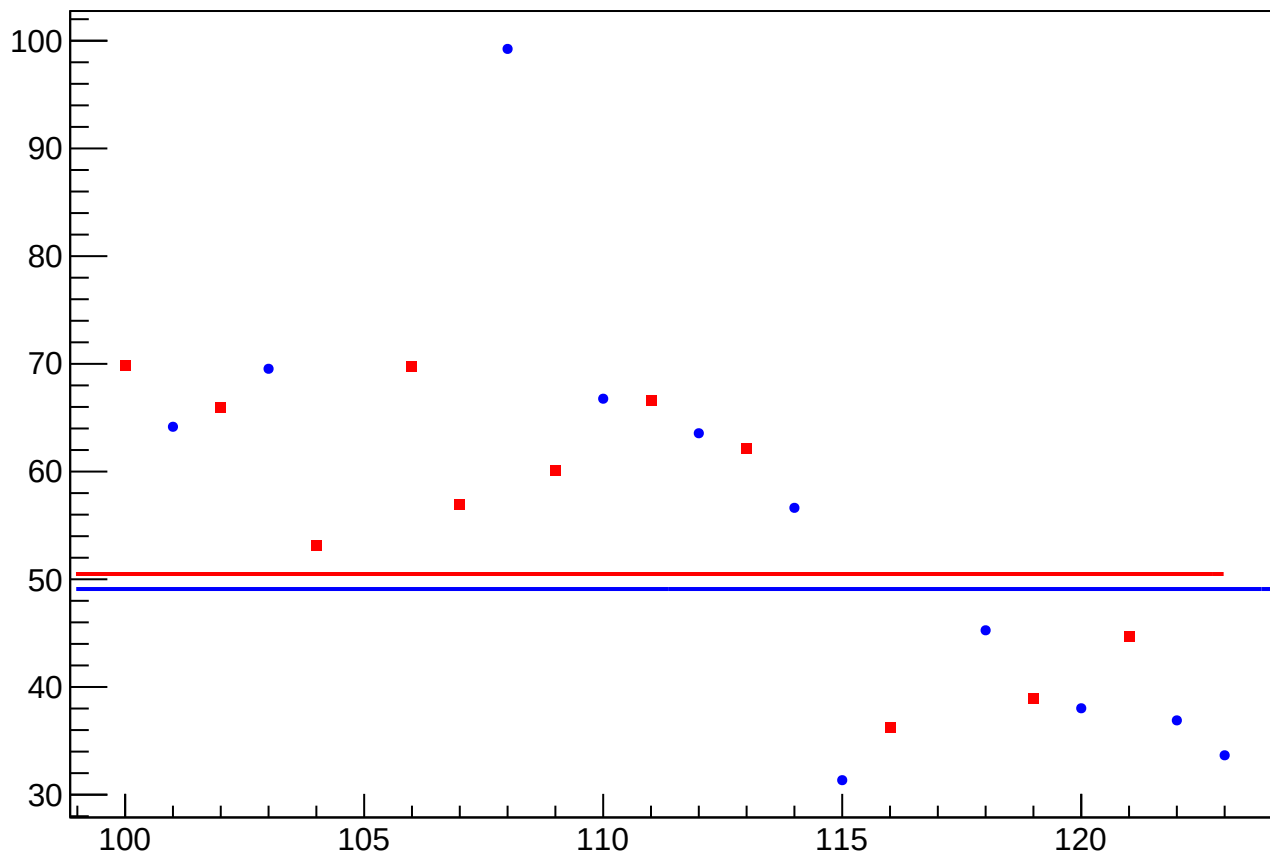
Right: 0.005 ± 0.018 $\chi^2/\text{NDF}: 22.7/21$

In: -0.002 ± 0.026 $\chi^2/\text{NDF}: 11.2/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.005 ± 0.018 $\chi^2/\text{NDF}: 22.7/21$

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.095+/-0.018 χ^2/NDF : 735005.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.490+/-0.017 χ^2/NDF : 438343.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

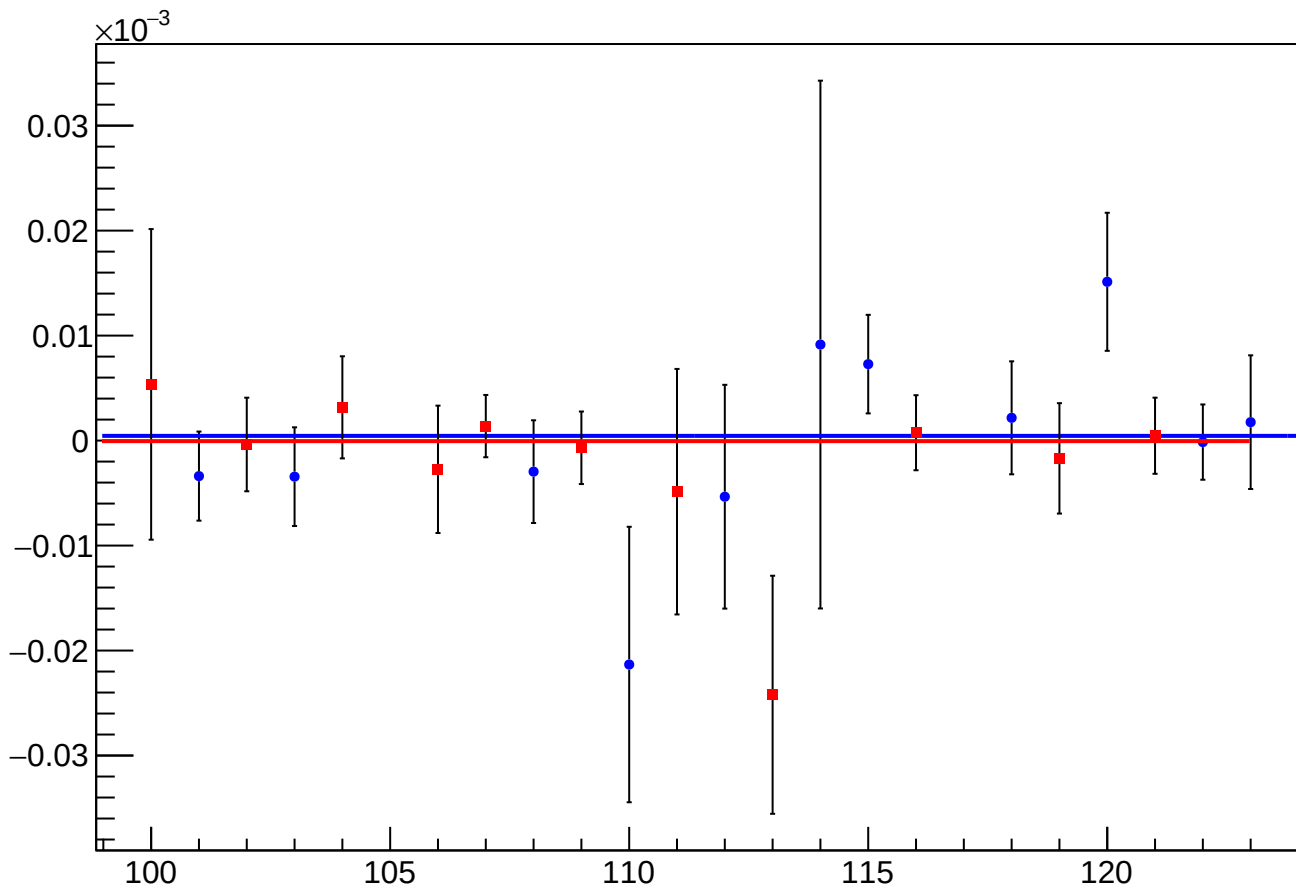
Right: 49.821+/-0.013 χ^2/NDF : 1176404.9/21

In: 49.095+/-0.018 χ^2/NDF : 735005.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.821+/-0.013 χ^2/NDF : 1176404.9/21

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.4/10

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

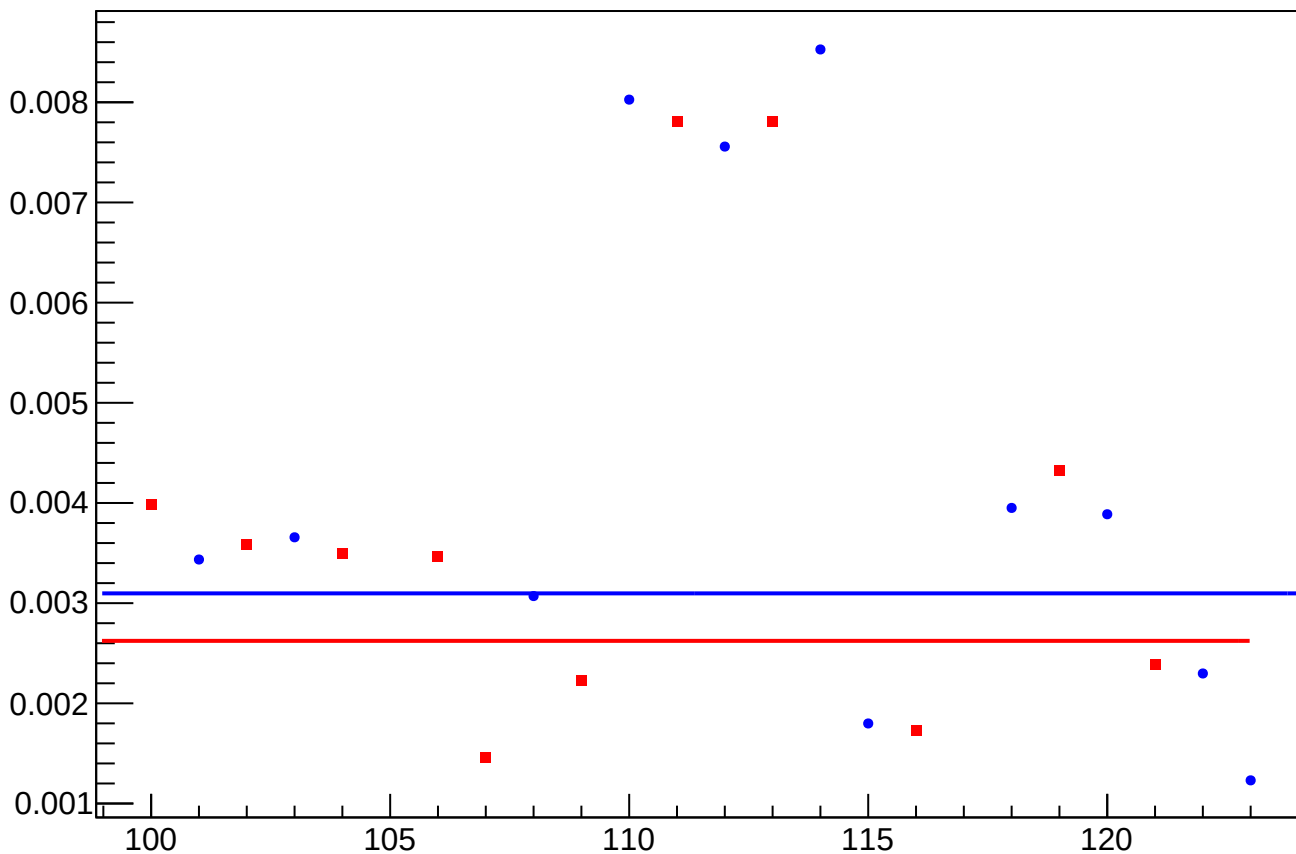
Right: 0.000+/-0.000 χ^2/NDF : 18.4/21

In: 0.000+/-0.000 χ^2/NDF : 12.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.4/21

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1270464.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1704182.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

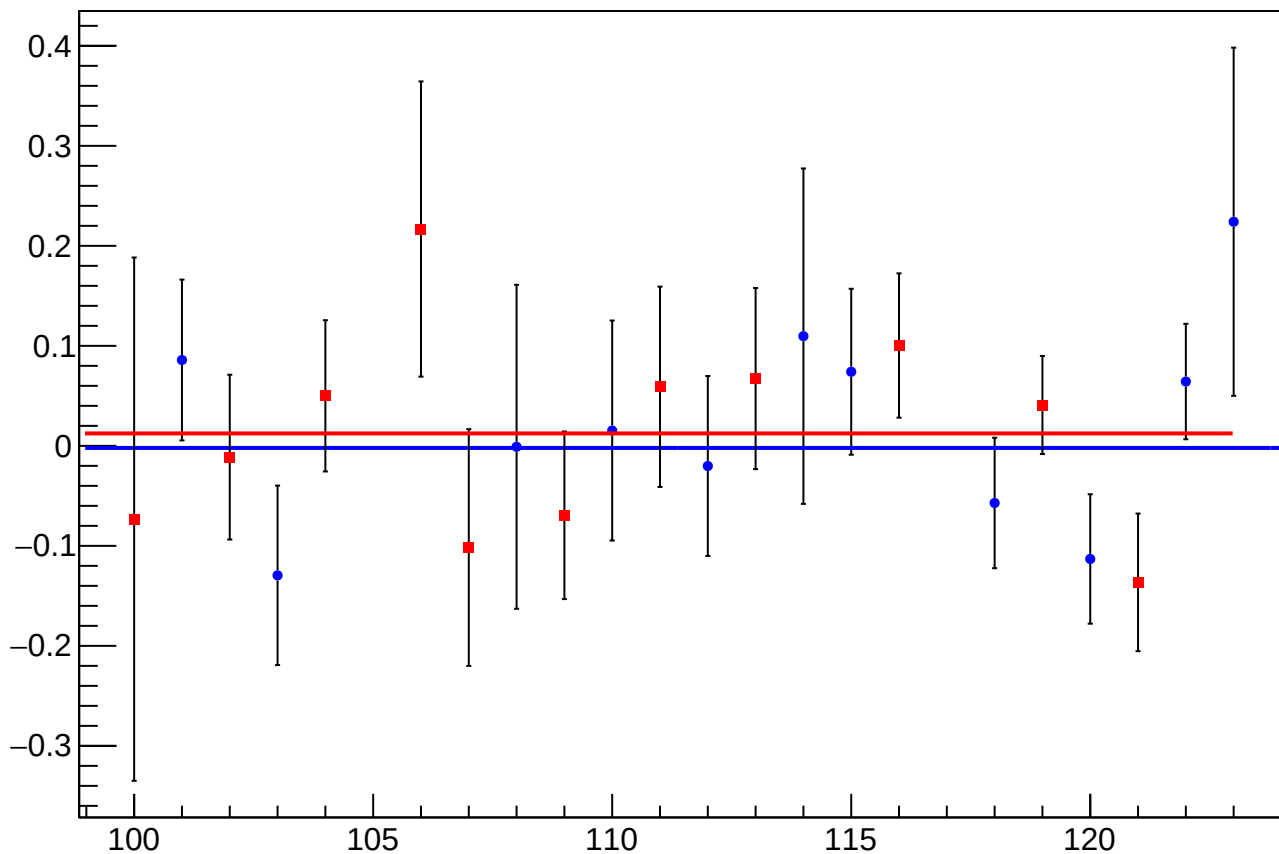
Right: 0.003+/-0.000 χ^2/NDF : 3071474.6/21

In: 0.003+/-0.000 χ^2/NDF :1270464.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3071474.6/21

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.026 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.025 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

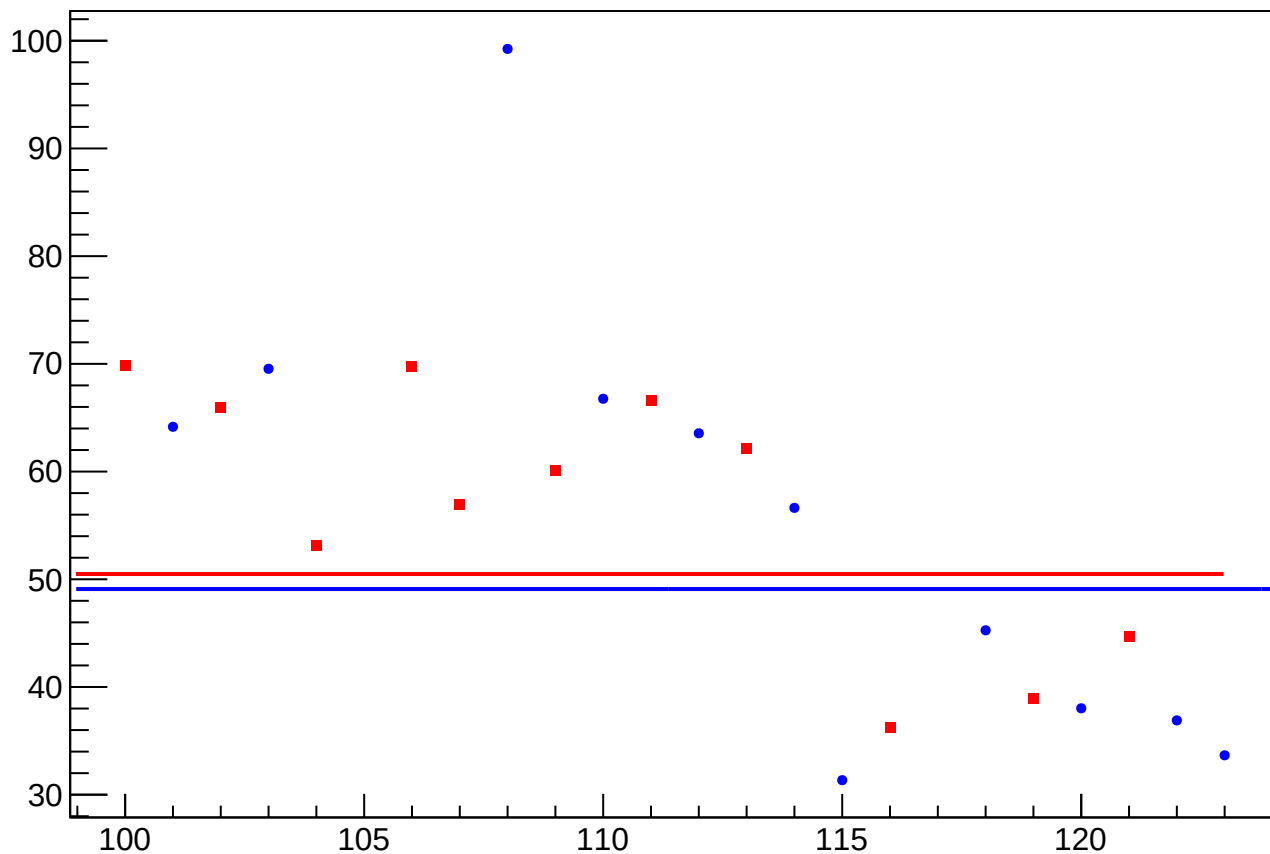
Right: 0.005+/-0.018 χ^2/NDF : 22.7/21

In: -0.002+/-0.026 χ^2/NDF :11.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.018 χ^2/NDF : 22.7/21

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.094+/-0.018 χ^2/NDF : 735000.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.488+/-0.017 χ^2/NDF : 438348.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

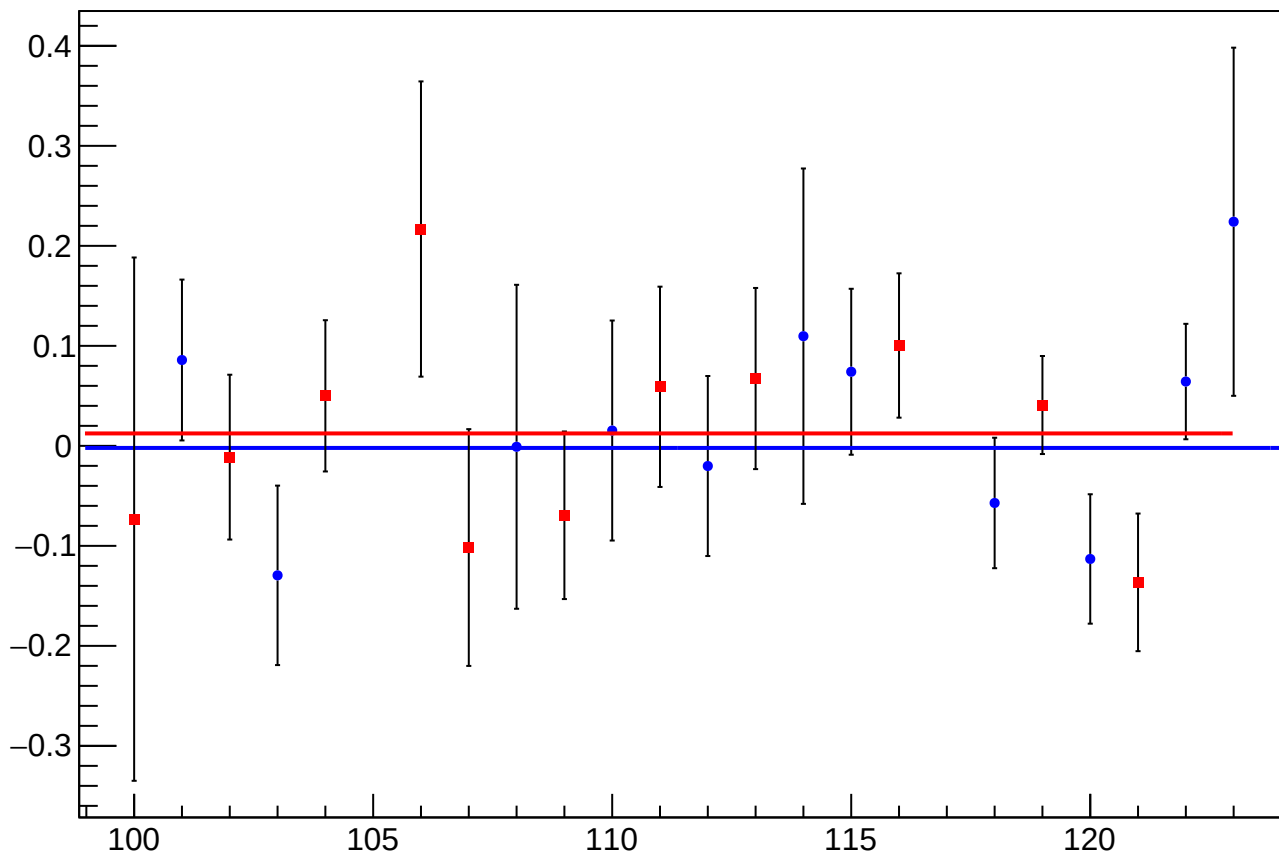
Right: 49.819+/-0.013 χ^2/NDF : 1176405.1/21

In: 49.094+/-0.018 χ^2/NDF : 735000.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.819+/-0.013 χ^2/NDF : 1176405.1/21

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.026 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.025 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

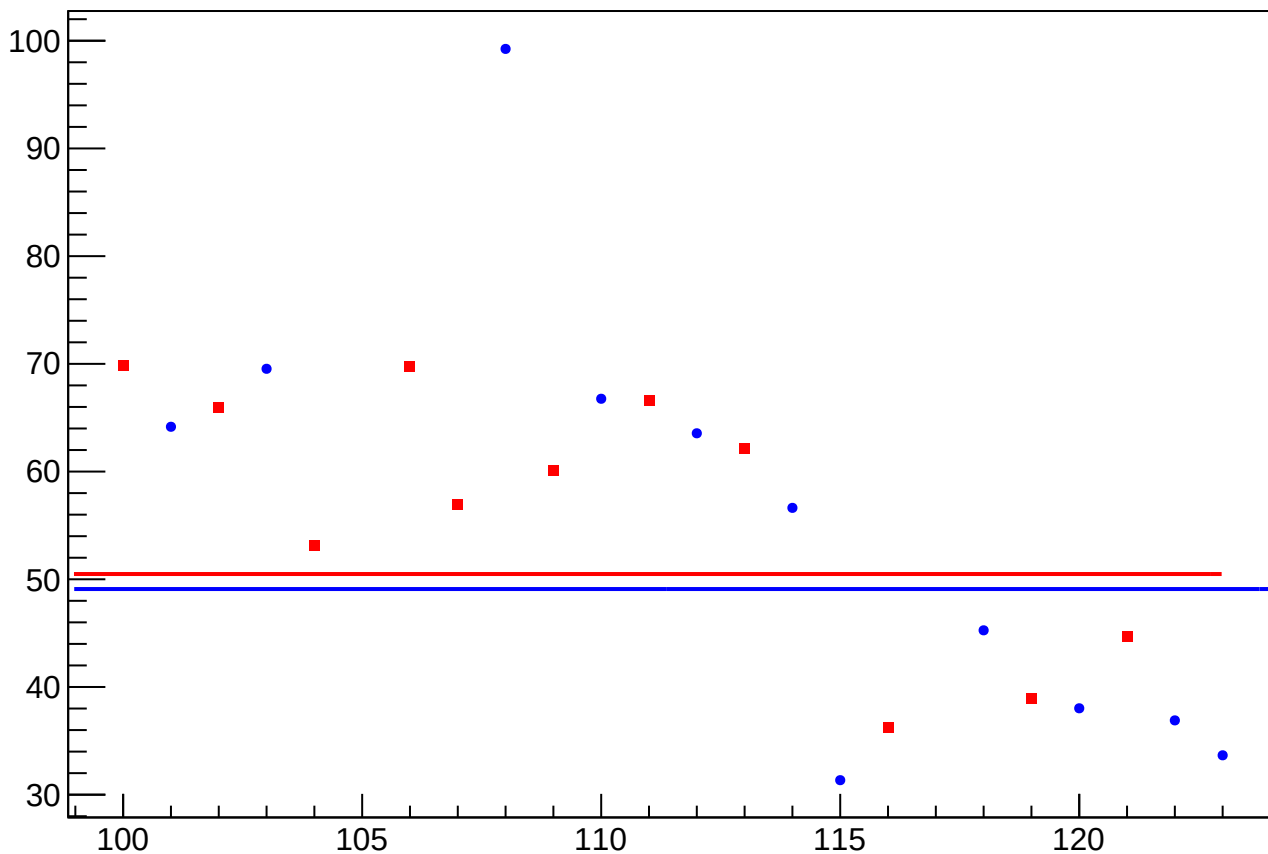
Right: 0.005 $\pm$ 0.018 χ^2 /NDF: 22.7/21

In: -0.002 $\pm$ 0.026 χ^2 /NDF:11.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.018 χ^2 /NDF: 22.7/21

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.094+/-0.018 χ^2/NDF : 735000.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.488+/-0.017 χ^2/NDF : 438348.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

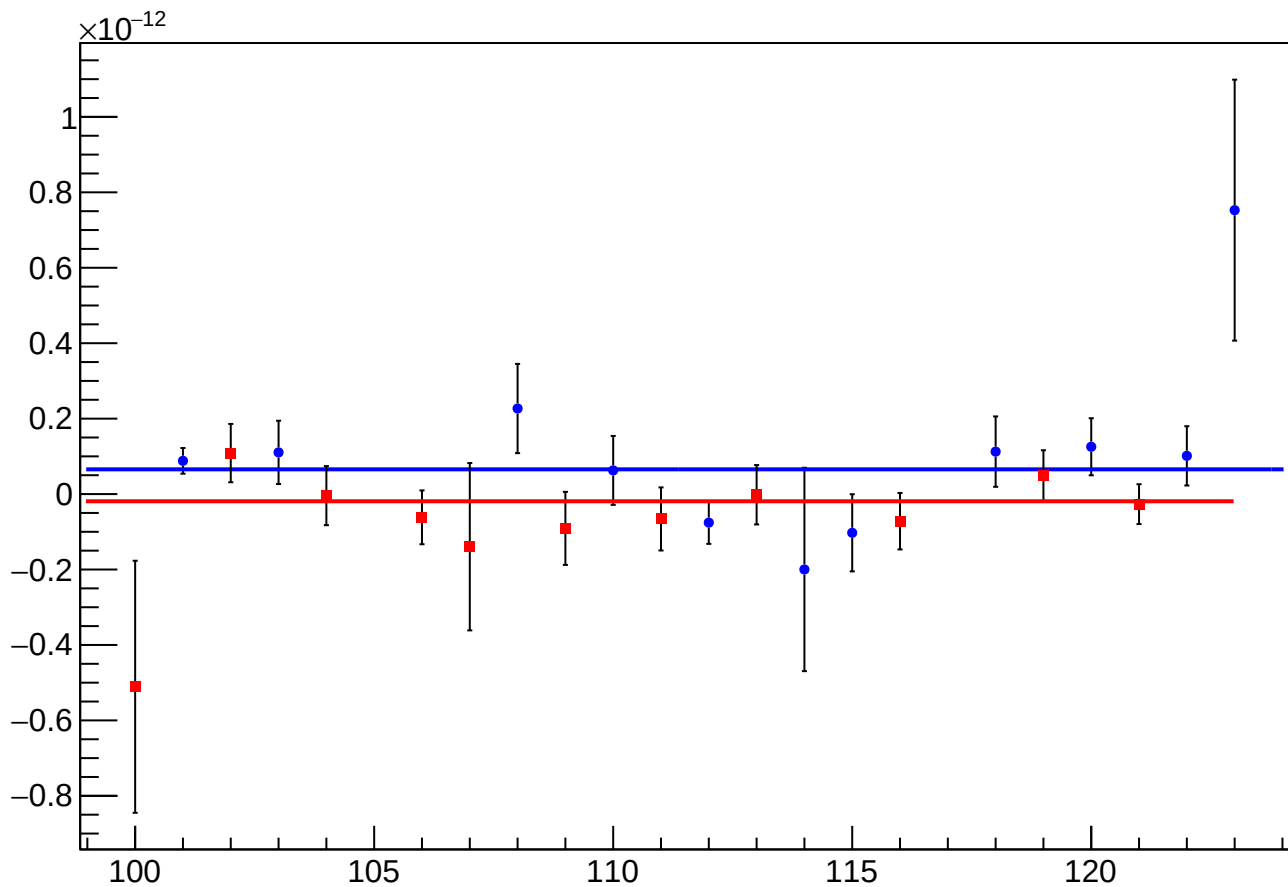
Right: 49.819+/-0.013 χ^2/NDF : 1176405.1/21

In: 49.094+/-0.018 χ^2/NDF : 735000.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.819+/-0.013 χ^2/NDF : 1176405.1/21

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.6/10

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

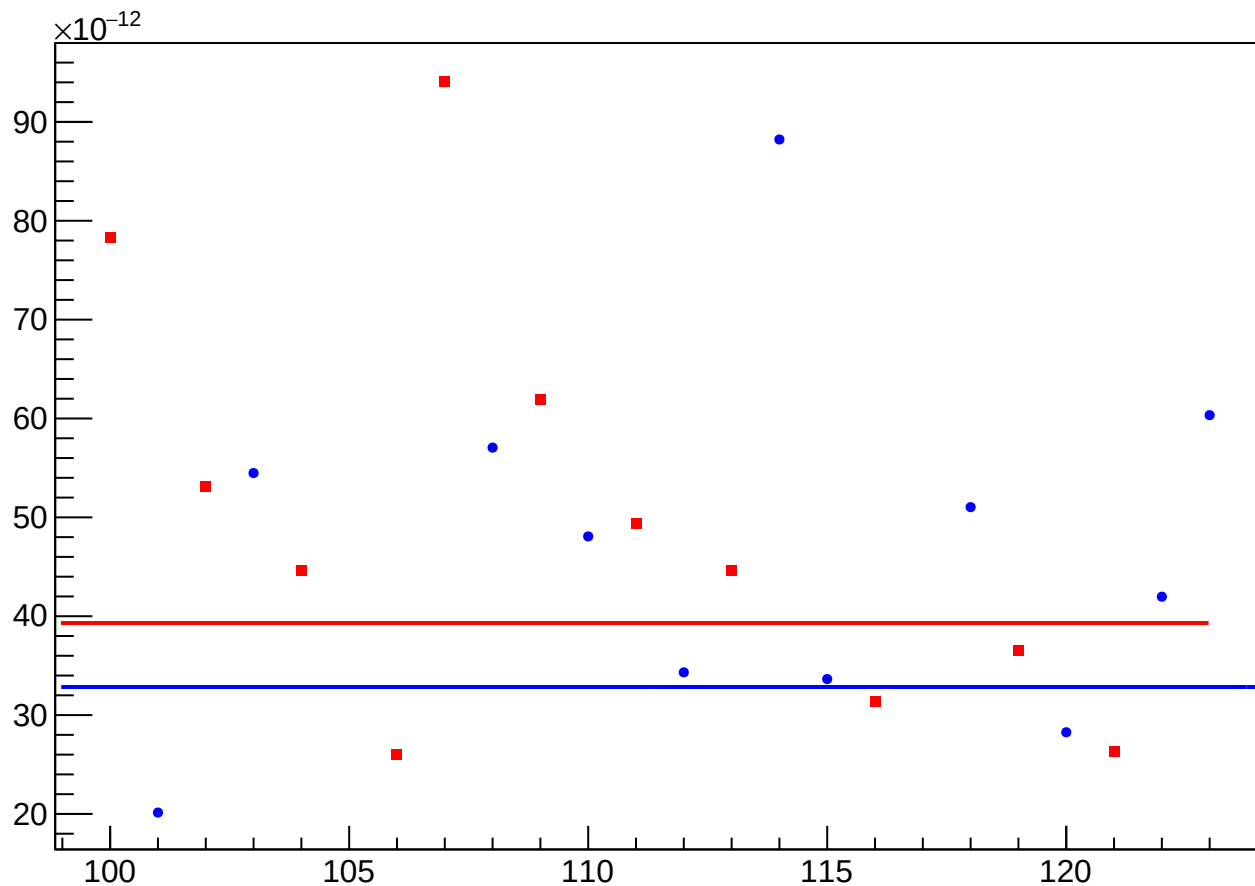
Right: 0.000+/-0.000 χ^2/NDF : 32.4/21

In: 0.000+/-0.000 χ^2/NDF : 17.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.4/21

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 759058.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 586598.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

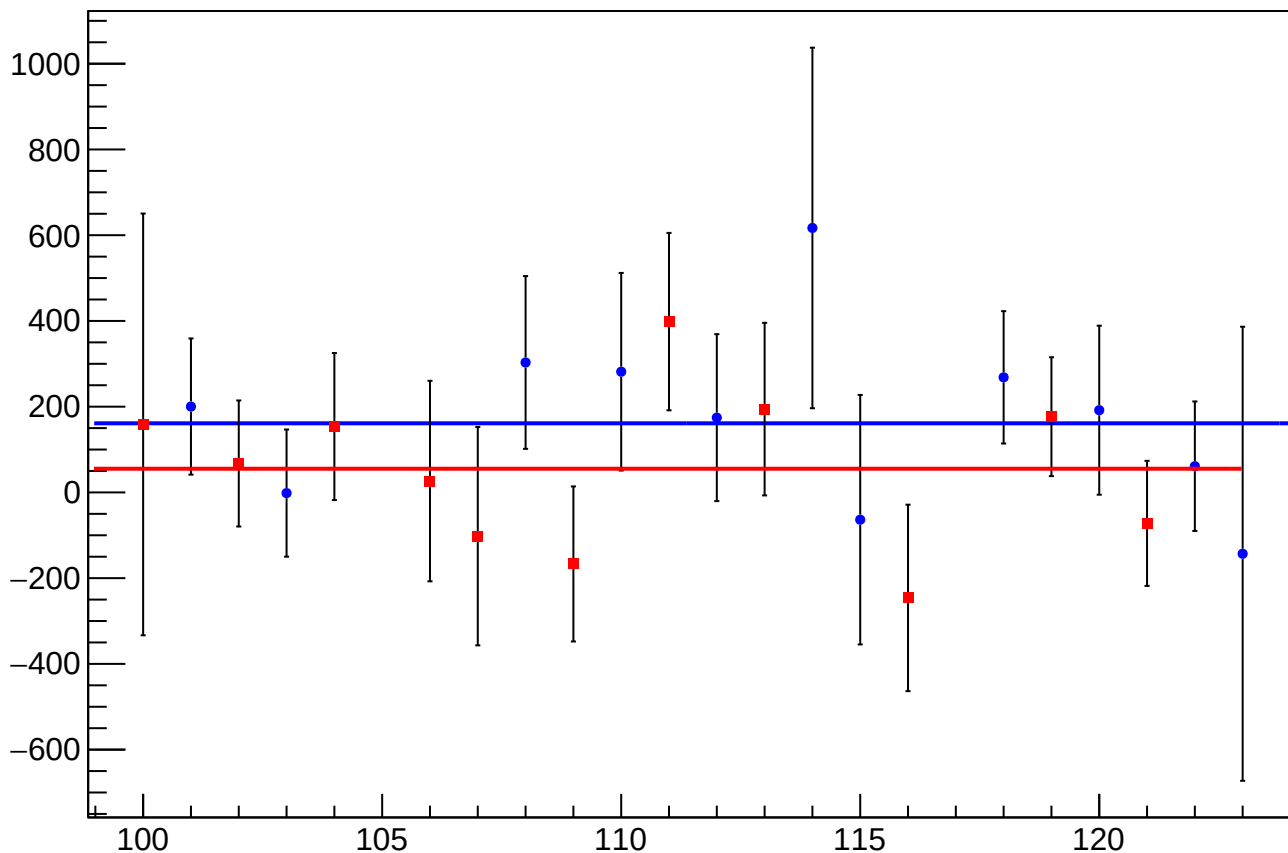
Right: 0.000+/-0.000 χ^2/NDF : 1424694.9/21

In: 0.000+/-0.000 χ^2/NDF : 759058.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1424694.9/21

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.206 $\pm$ 58.986 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.235 $\pm$ 56.176 χ^2 /NDF: 9.0/10

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

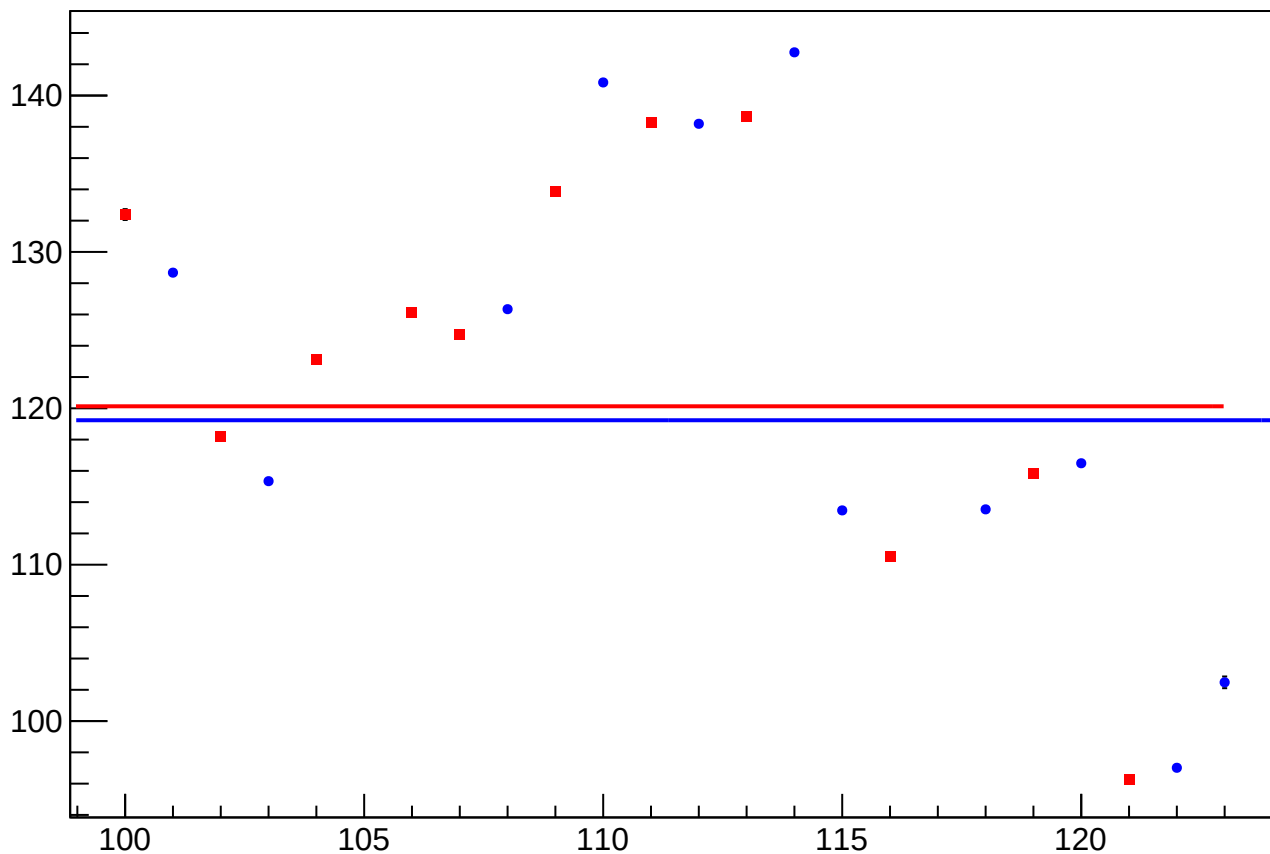
Right: 105.636 $\pm$ 40.679 χ^2 /NDF: 15.7/21

In: 161.206 $\pm$ 58.986 χ^2 /NDF: 5.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.636 $\pm$ 40.679 χ^2 /NDF: 15.7/21

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.237+/-0.042 χ^2/NDF : 102903.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.129+/-0.040 χ^2/NDF : 107284.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

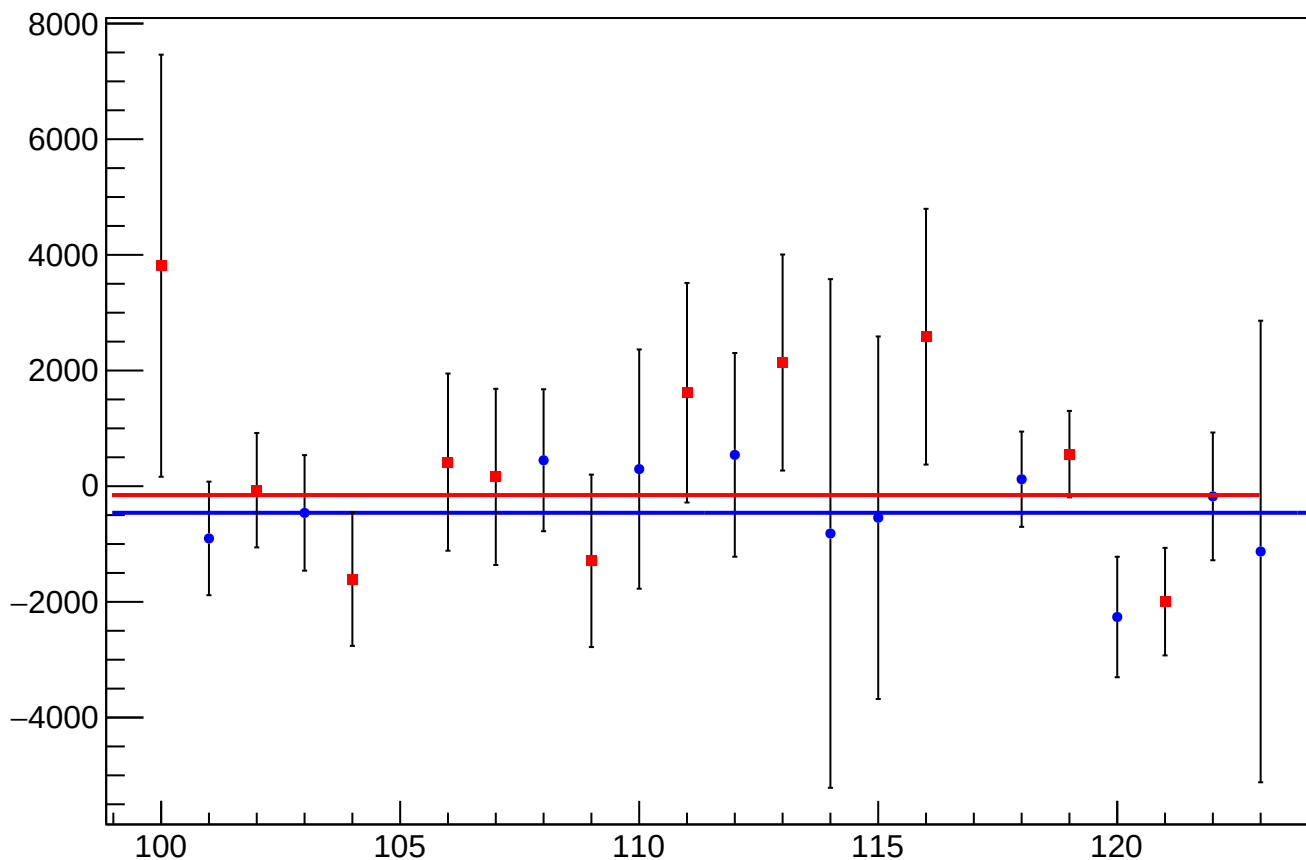
Right: 119.705+/-0.029 χ^2/NDF : 210428.0/21

In: 119.237+/-0.042 χ^2/NDF : 102903.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.705+/-0.029 χ^2/NDF : 210428.0/21

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -459.728+/-386.561 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -153.026+/-381.423 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

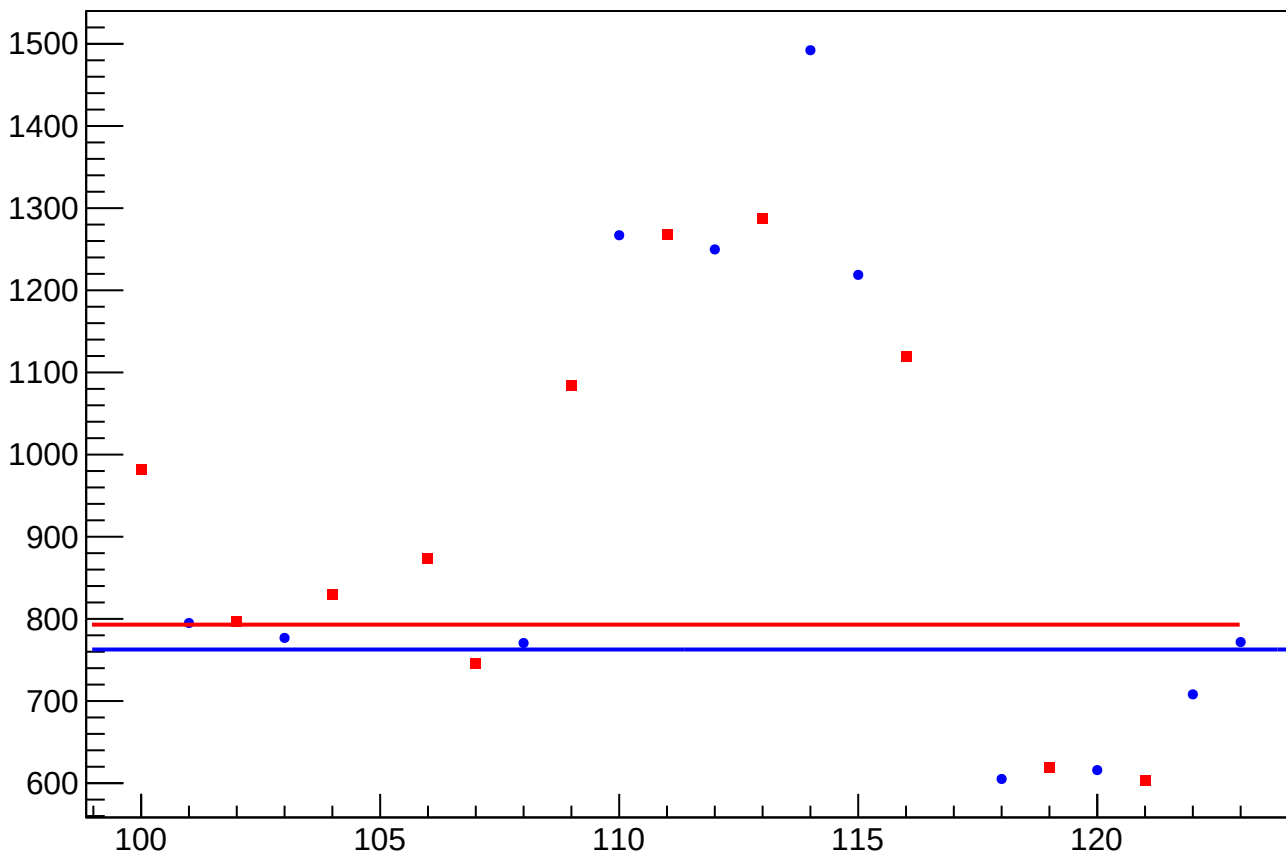
Right: -304.325+/-271.505 χ^2/NDF : 17.4/21

In: -459.728+/-386.561 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.325+/-271.505 χ^2/NDF : 17.4/21

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 762.733+/-0.273 χ^2/NDF : 489726.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.979+/-0.270 χ^2/NDF : 591460.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

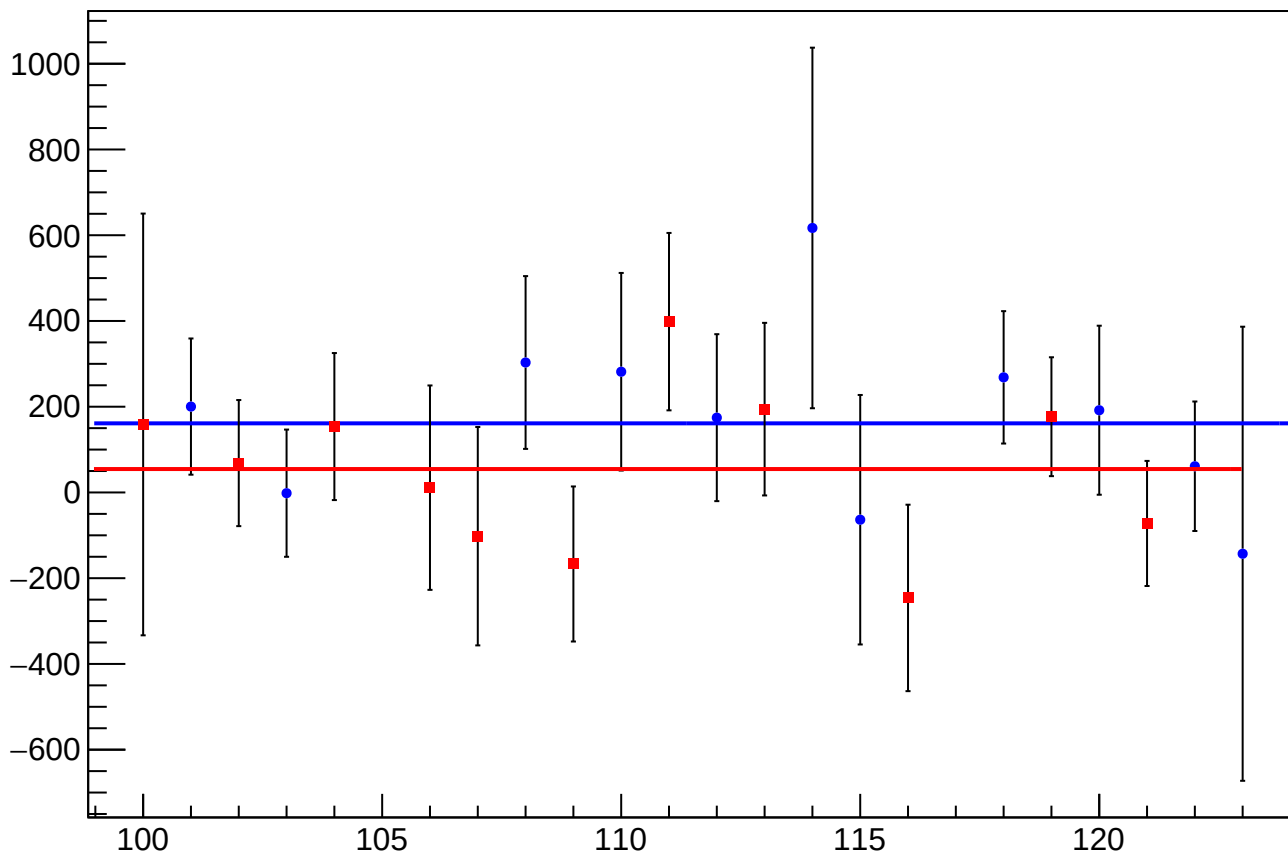
Right: 778.058+/-0.192 χ^2/NDF : 1087391.1/21

In: 762.733+/-0.273 χ^2/NDF : 489726.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.058+/-0.192 χ^2/NDF : 1087391.1/21

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.198 $\pm$ 58.986 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.606 $\pm$ 56.239 χ^2 /NDF: 9.0/10

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

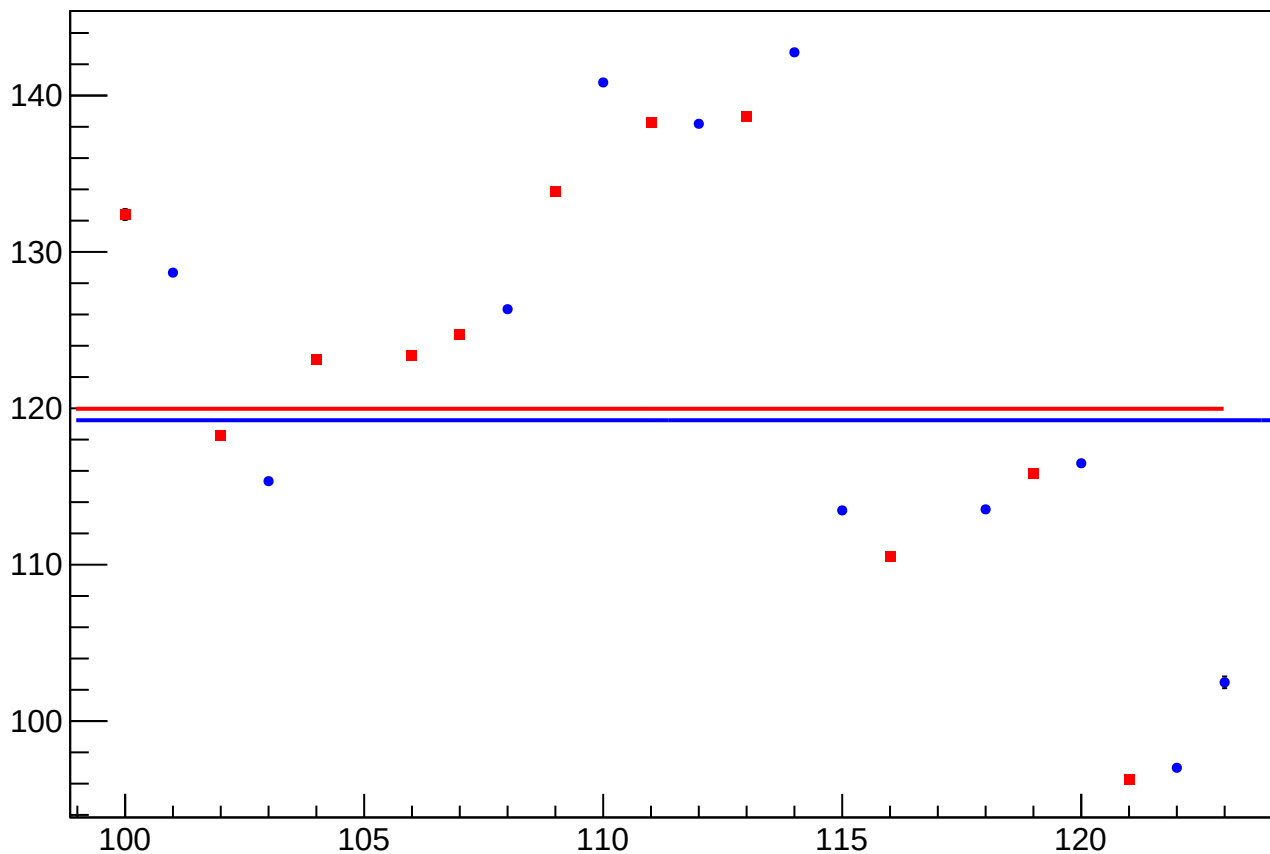
Right: 105.363 $\pm$ 40.704 χ^2 /NDF: 15.8/21

In: 161.198 $\pm$ 58.986 χ^2 /NDF: 5.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.363 $\pm$ 40.704 χ^2 /NDF: 15.8/21

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.237+/-0.042 χ^2/NDF : 102903.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.971+/-0.040 χ^2/NDF : 106316.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

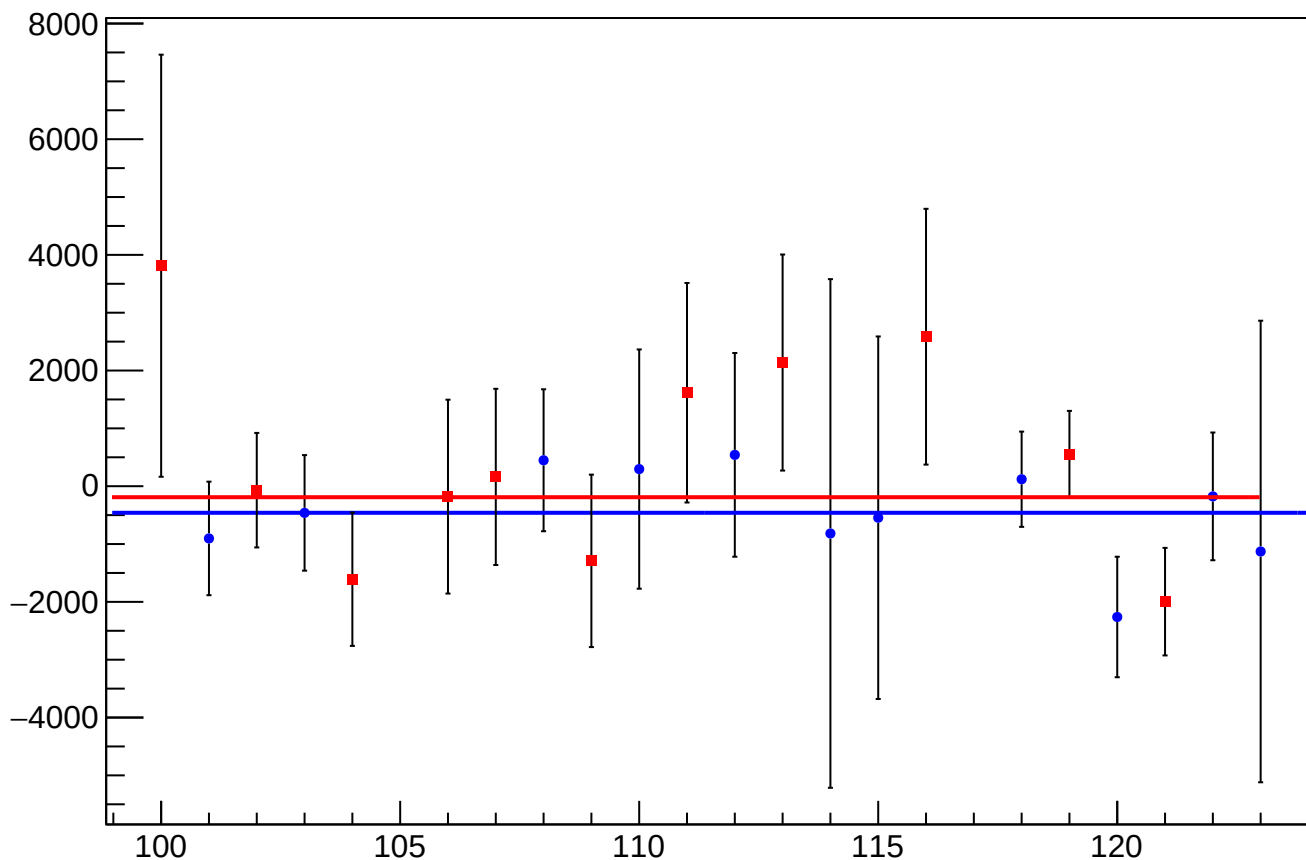
Right: 119.621+/-0.029 χ^2/NDF : 209382.3/21

In: 119.237+/-0.042 χ^2/NDF : 102903.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.621+/-0.029 χ^2/NDF : 209382.3/21

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -459.695+/-386.562 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.062+/-383.426 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

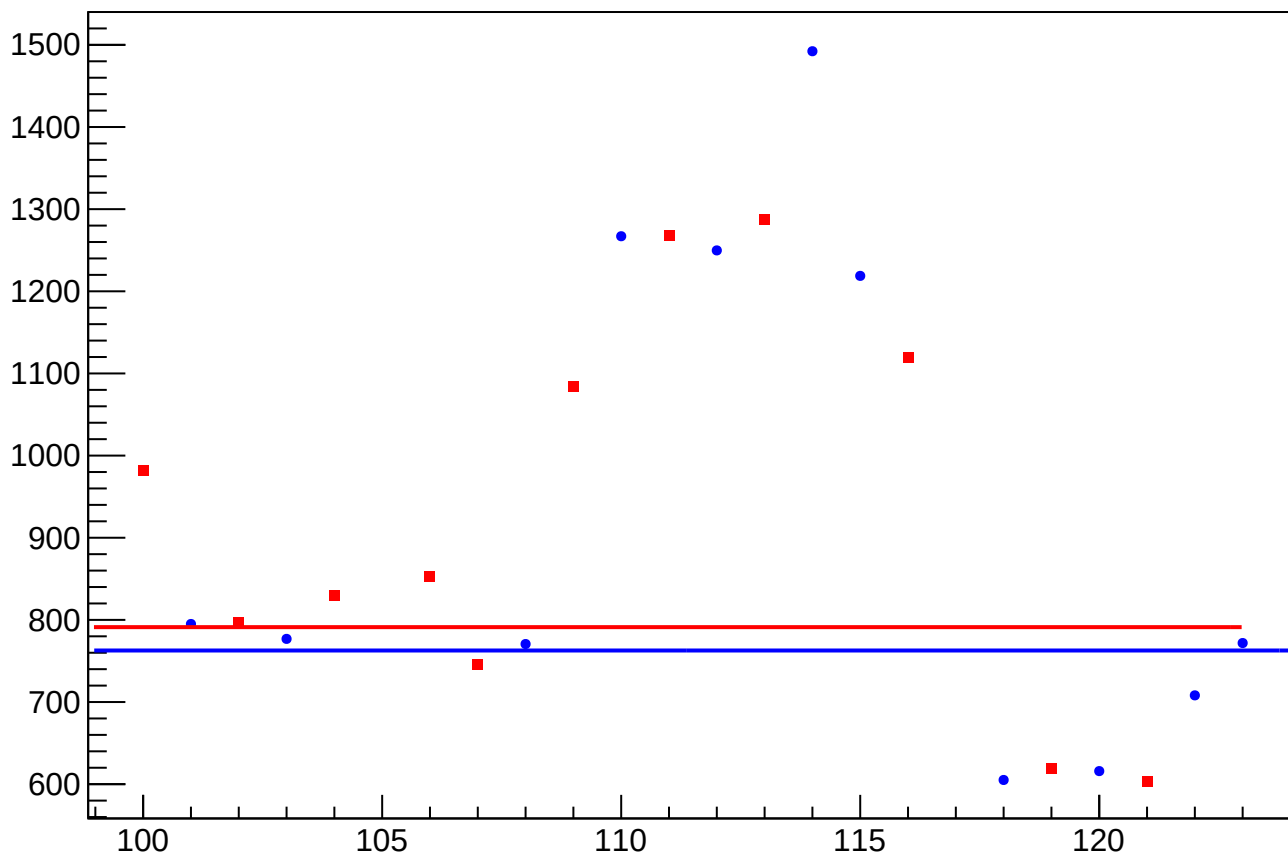
Right: -323.780+/-272.225 χ^2/NDF : 17.2/21

In: -459.695+/-386.562 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.780+/-272.225 χ^2/NDF : 17.2/21

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 762.734+/-0.273 χ^2/NDF : 489733.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 791.170+/-0.271 χ^2/NDF : 588497.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

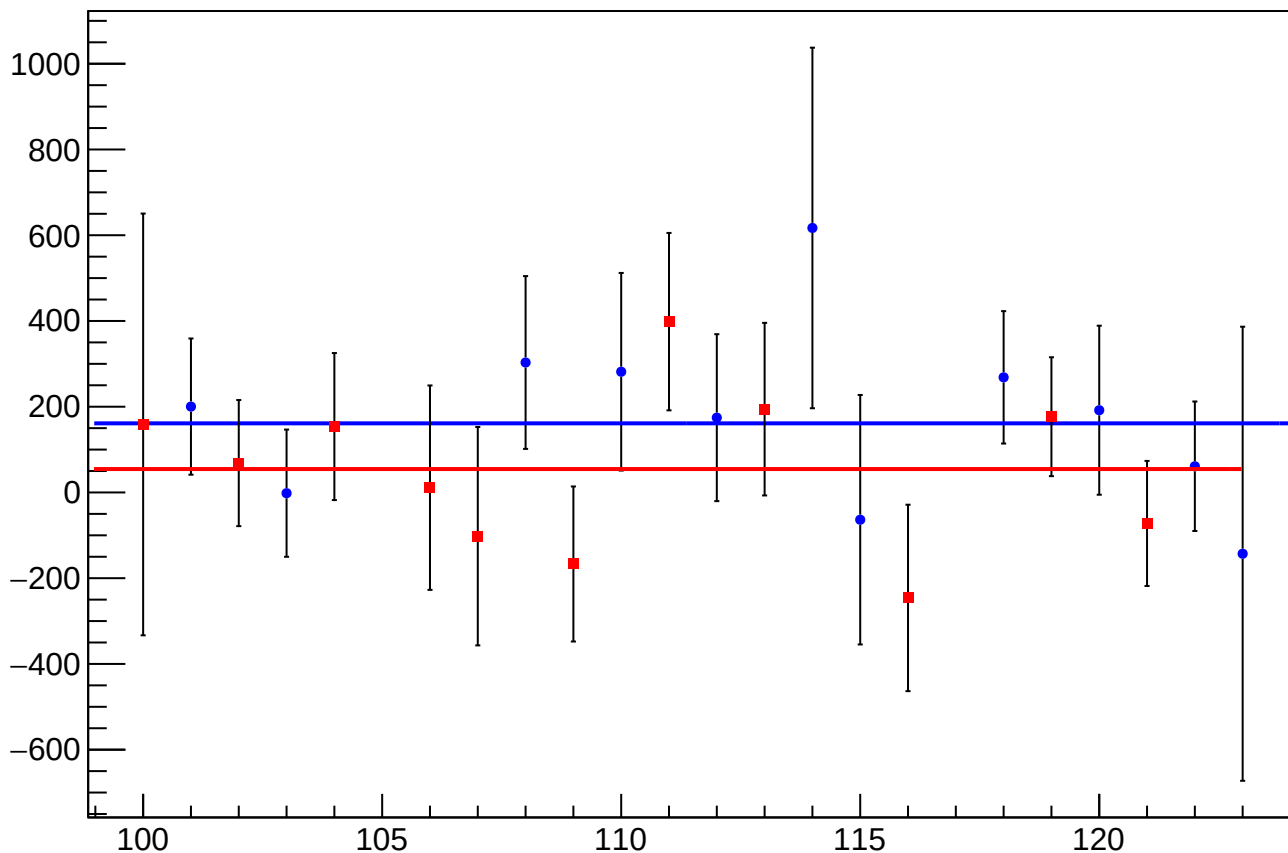
Right: 777.068+/-0.192 χ^2/NDF : 1083686.2/21

In: 762.734+/-0.273 χ^2/NDF : 489733.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.068+/-0.192 χ^2/NDF : 1083686.2/21

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.198 $\pm$ 58.986 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.606 $\pm$ 56.239 χ^2 /NDF: 9.0/10

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

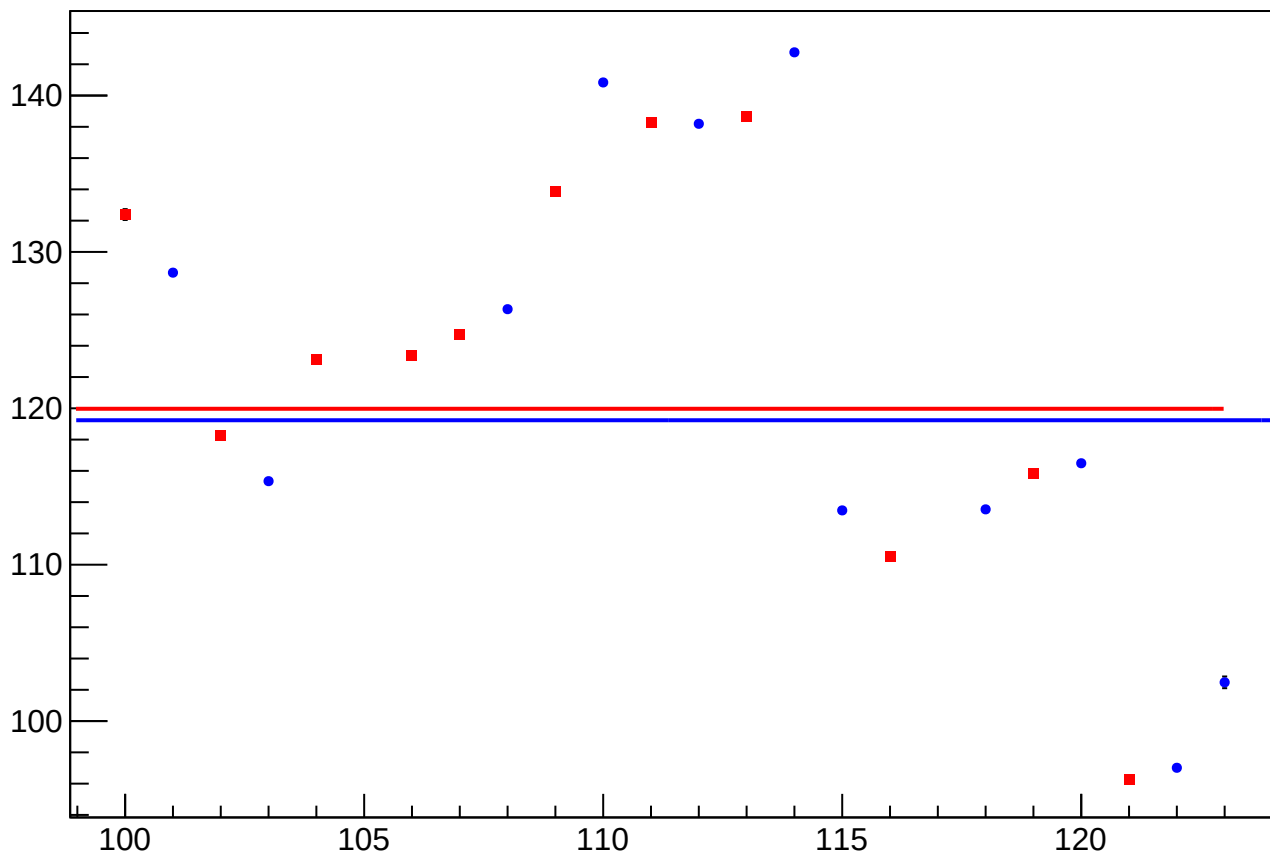
Right: 105.363 $\pm$ 40.704 χ^2 /NDF: 15.8/21

In: 161.198 $\pm$ 58.986 χ^2 /NDF:5.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.363 $\pm$ 40.704 χ^2 /NDF: 15.8/21

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.237+/-0.042 χ^2/NDF : 102903.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.971+/-0.040 χ^2/NDF : 106316.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

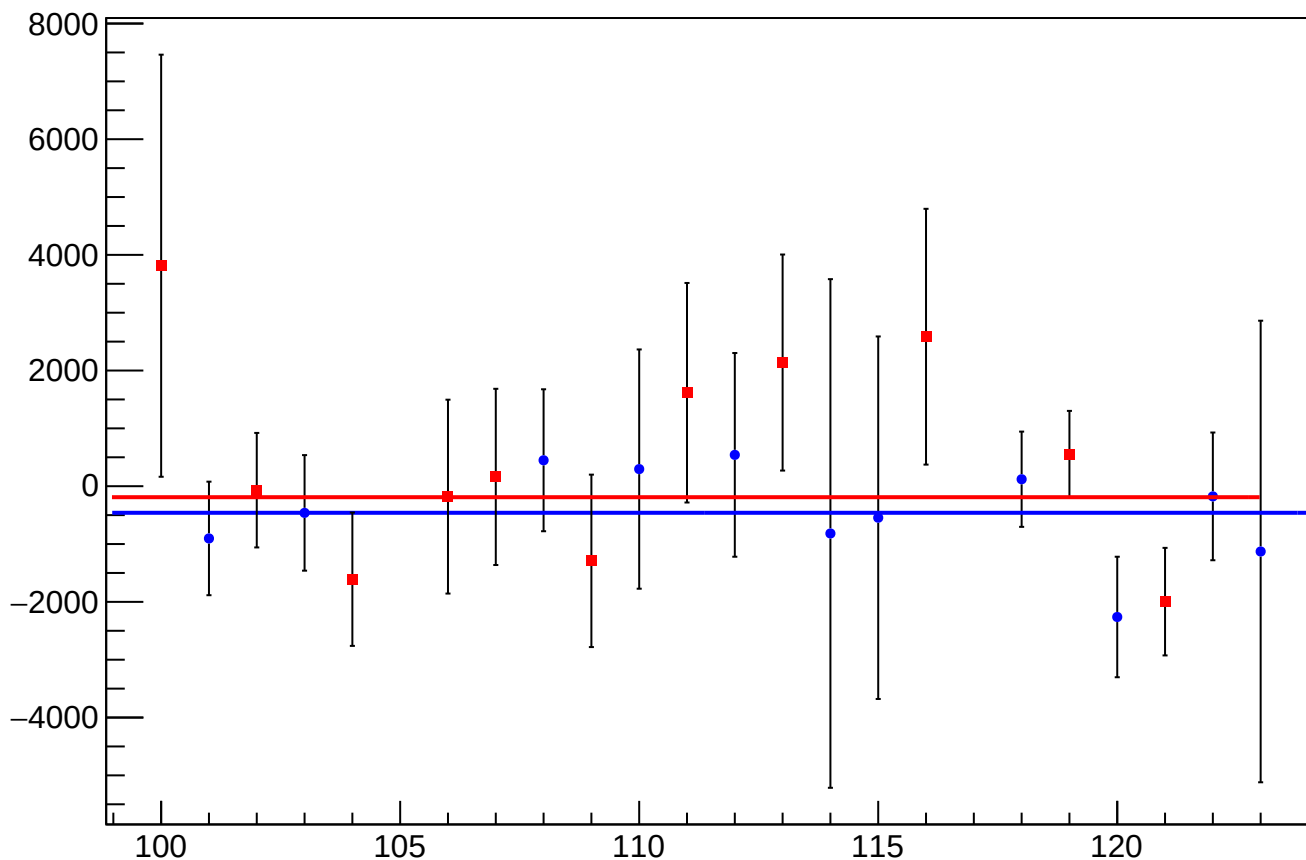
Right: 119.621+/-0.029 χ^2/NDF : 209382.3/21

In: 119.237+/-0.042 χ^2/NDF : 102903.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.621+/-0.029 χ^2/NDF : 209382.3/21

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -459.695+/-386.562 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.062+/-383.426 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

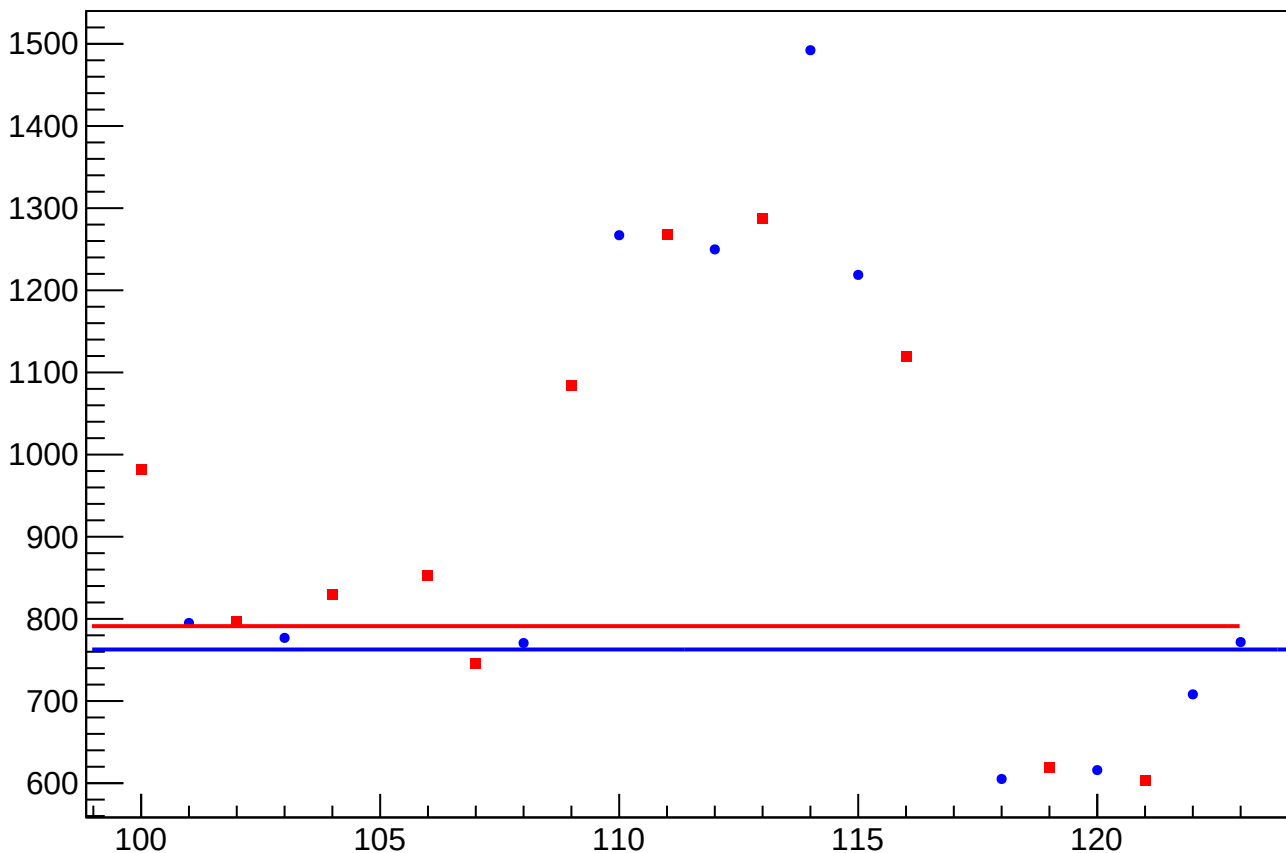
Right: -323.780+/-272.225 χ^2/NDF : 17.2/21

In: -459.695+/-386.562 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.780+/-272.225 χ^2/NDF : 17.2/21

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 762.734+/-0.273 χ^2/NDF : 489733.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 791.170+/-0.271 χ^2/NDF : 588497.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

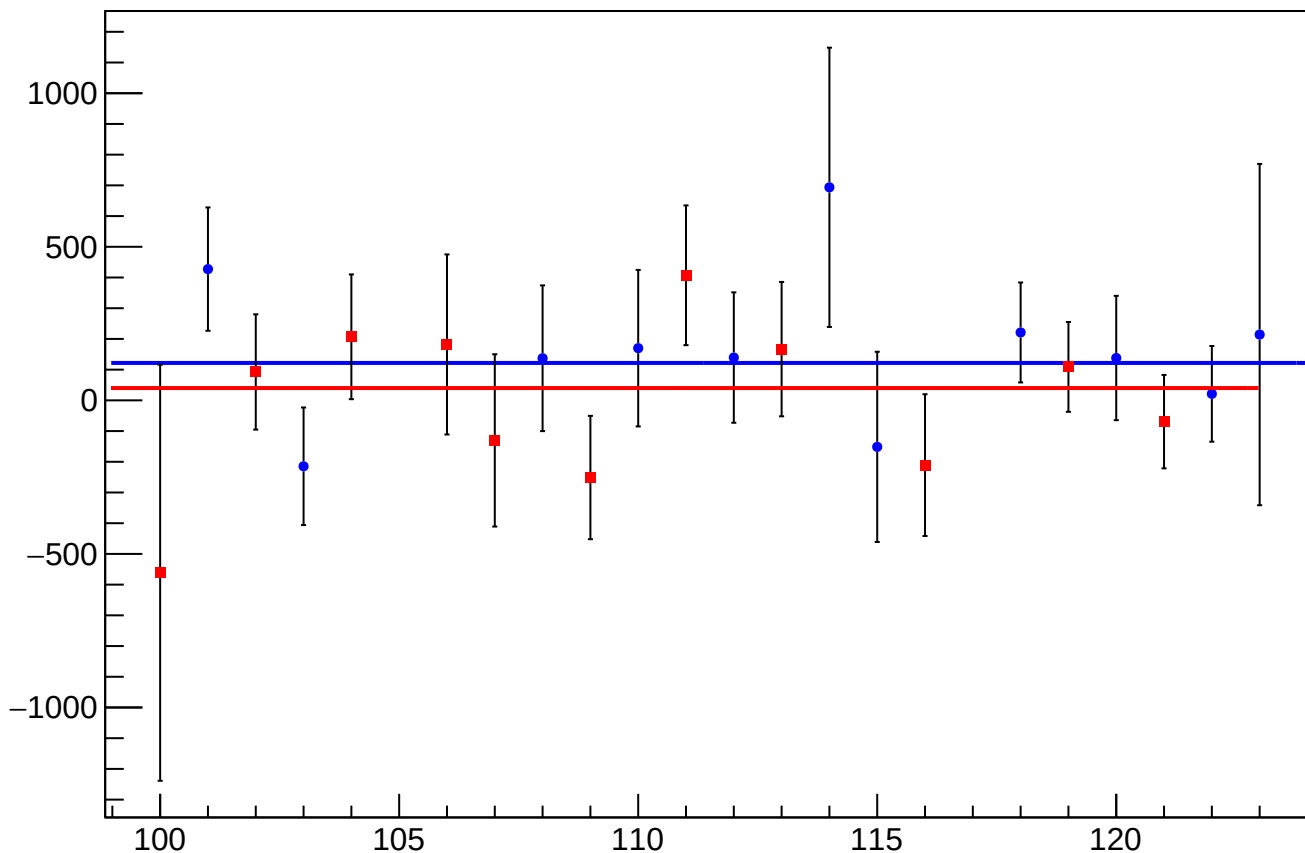
Right: 777.068+/-0.192 χ^2/NDF : 1083686.2/21

In: 762.734+/-0.273 χ^2/NDF : 489733.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.068+/-0.192 χ^2/NDF : 1083686.2/21

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 121.852 $\pm$ 66.040 χ^2 /NDF: 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.099 $\pm$ 62.879 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

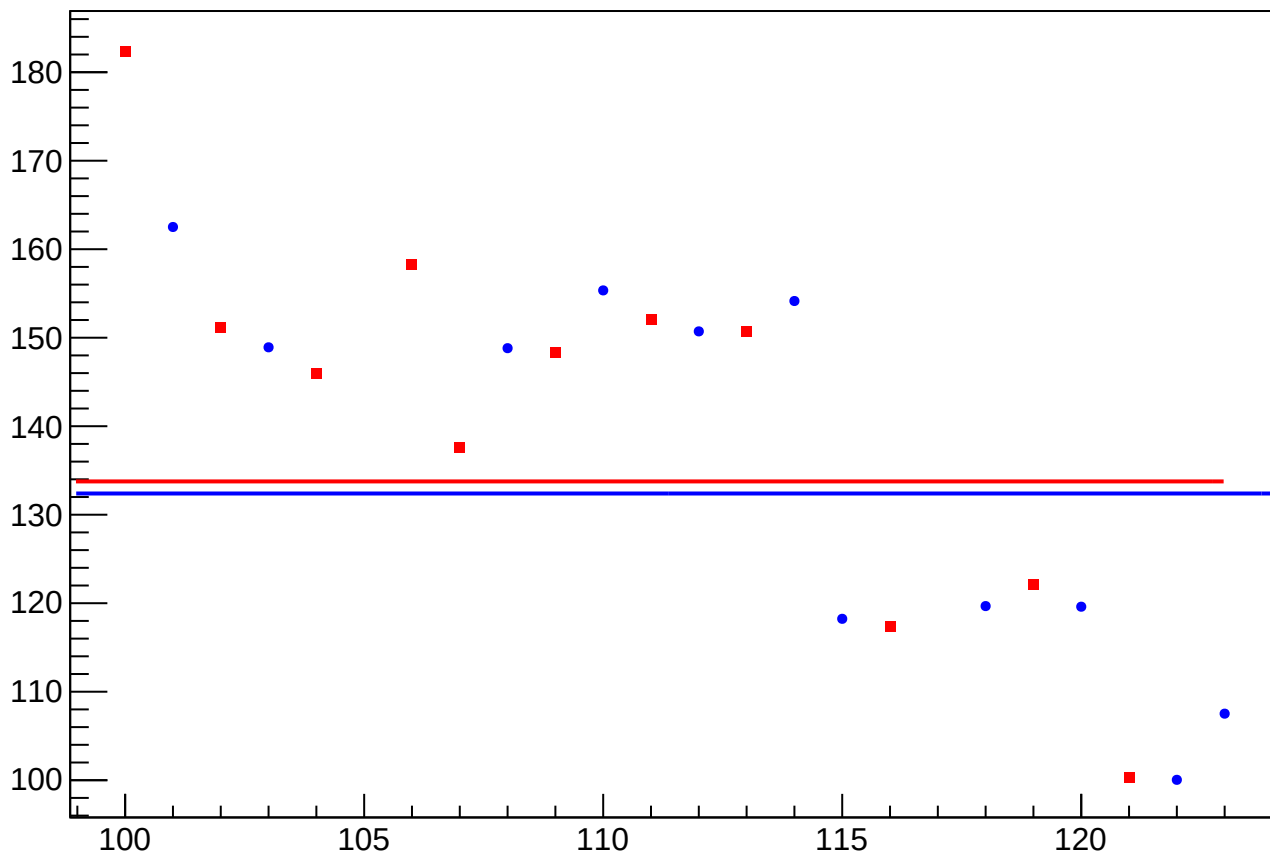
Right: 78.973 $\pm$ 45.538 χ^2 /NDF: 18.5/21

In: 121.852 $\pm$ 66.040 χ^2 /NDF: 8.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.973 $\pm$ 45.538 χ^2 /NDF: 18.5/21

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 132.397 $\pm$ 0.047 χ^2 /NDF: 219774.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.762 $\pm$ 0.044 χ^2 /NDF: 204150.6/10

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

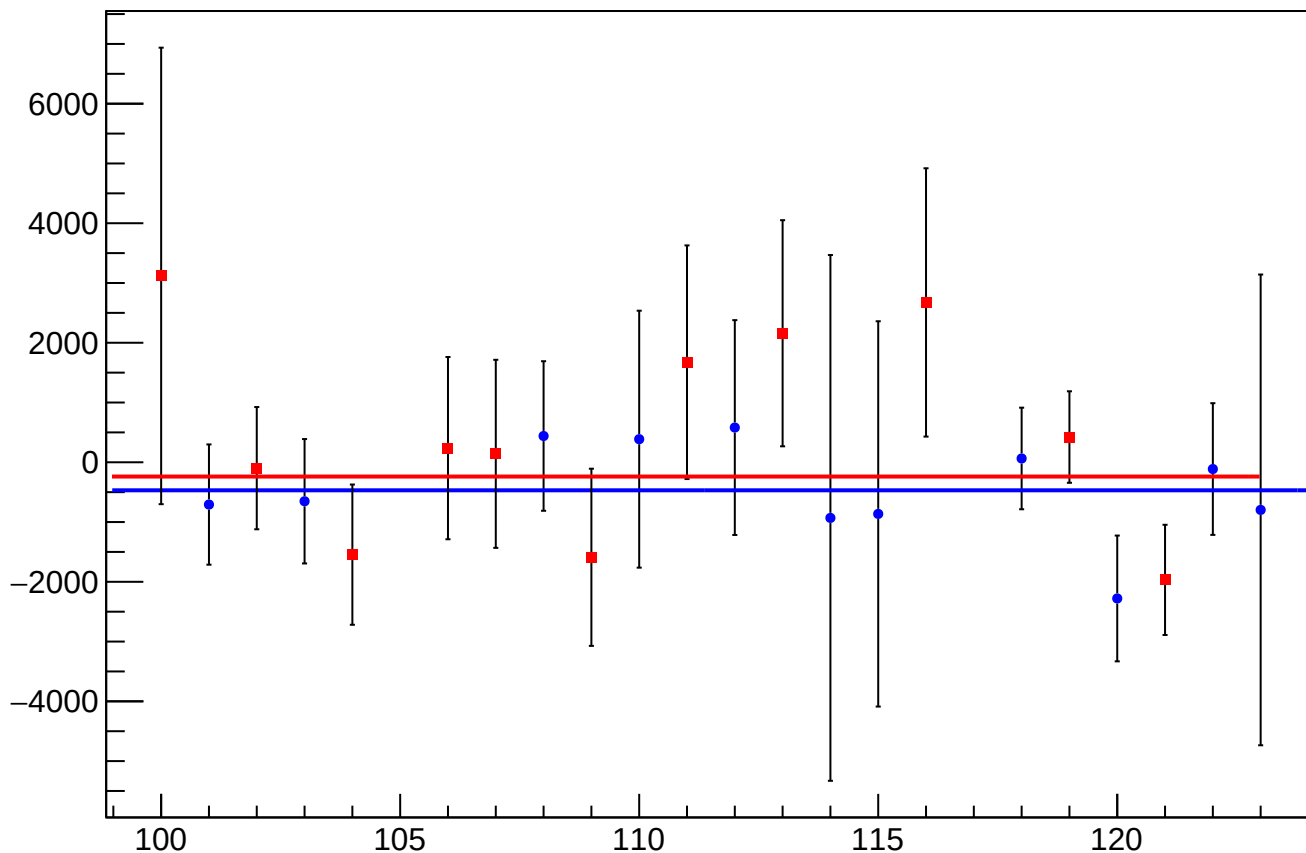
Right: 133.113 $\pm$ 0.032 χ^2 /NDF: 424373.6/21

In: 132.397 $\pm$ 0.047 χ^2 /NDF:219774.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.113 $\pm$ 0.032 χ^2 /NDF: 424373.6/21

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -469.019+/-395.318 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.721+/-387.420 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

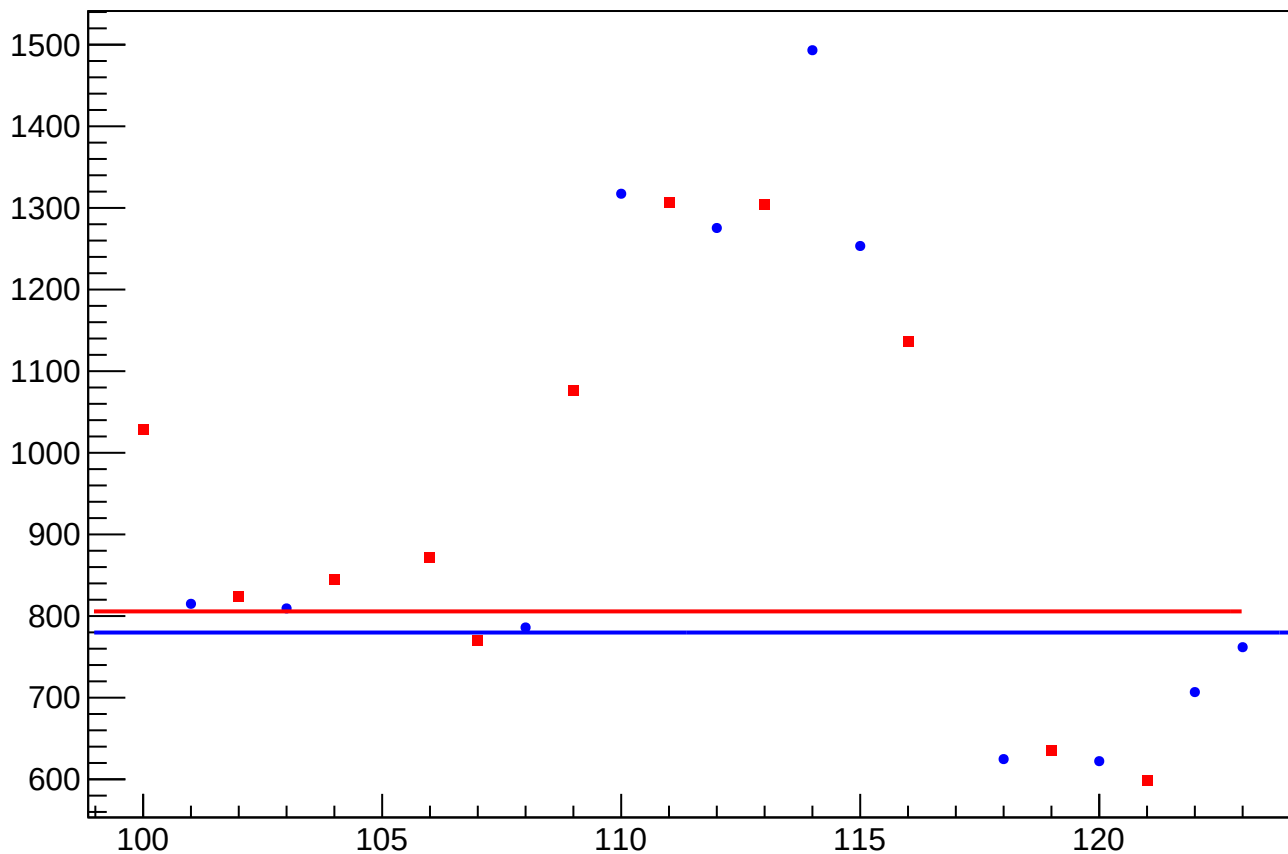
Right: -351.546+/-276.697 χ^2/NDF : 16.3/21

In: -469.019+/-395.318 χ^2/NDF : 4.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.546+/-276.697 χ^2/NDF : 16.3/21

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 779.811+/-0.280 χ^2/NDF : 497207.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.694+/-0.274 χ^2/NDF : 593894.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

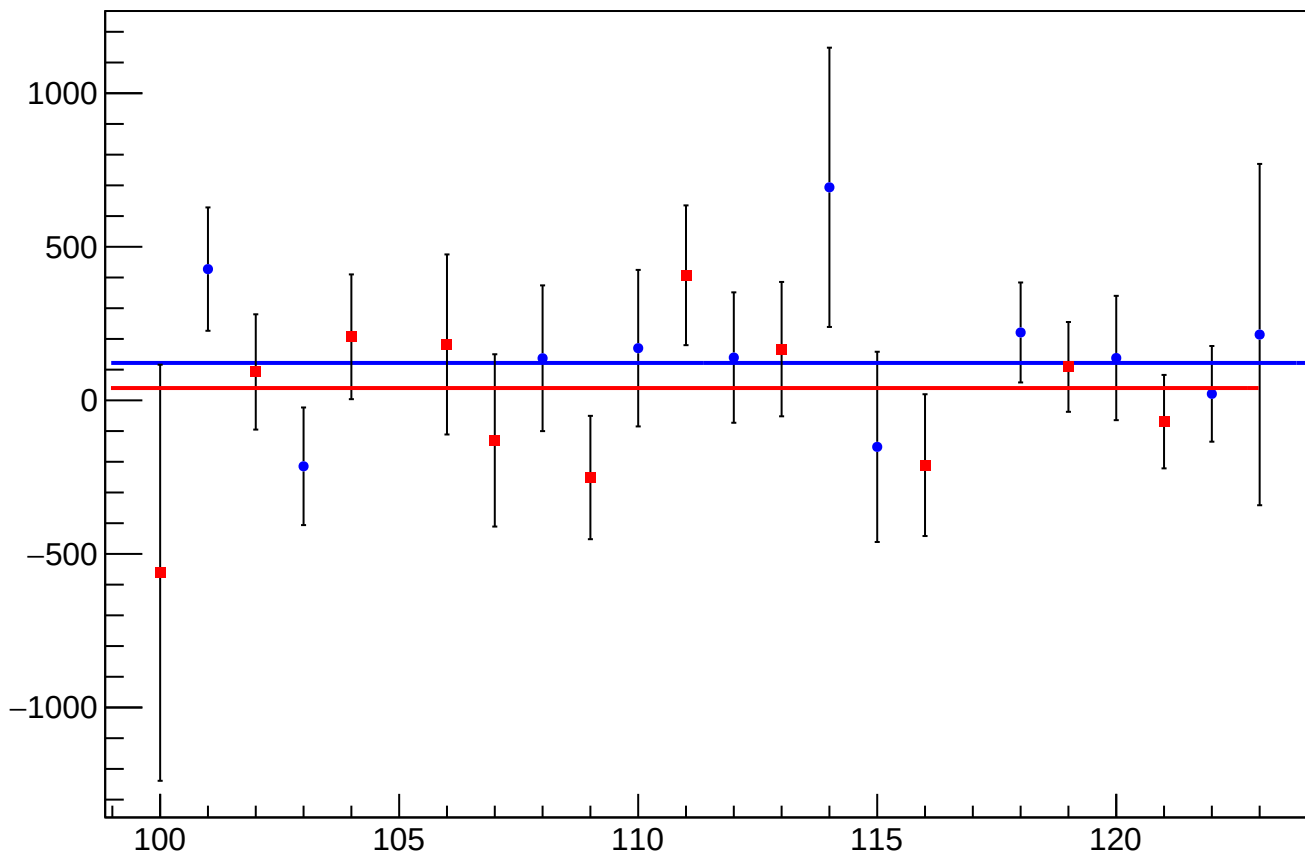
Right: 793.014+/-0.196 χ^2/NDF : 1095475.0/21

In: 779.811+/-0.280 χ^2/NDF : 497207.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.014+/-0.196 χ^2/NDF : 1095475.0/21

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 121.851 $\pm$ 66.039 χ^2 /NDF: 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.098 $\pm$ 62.879 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

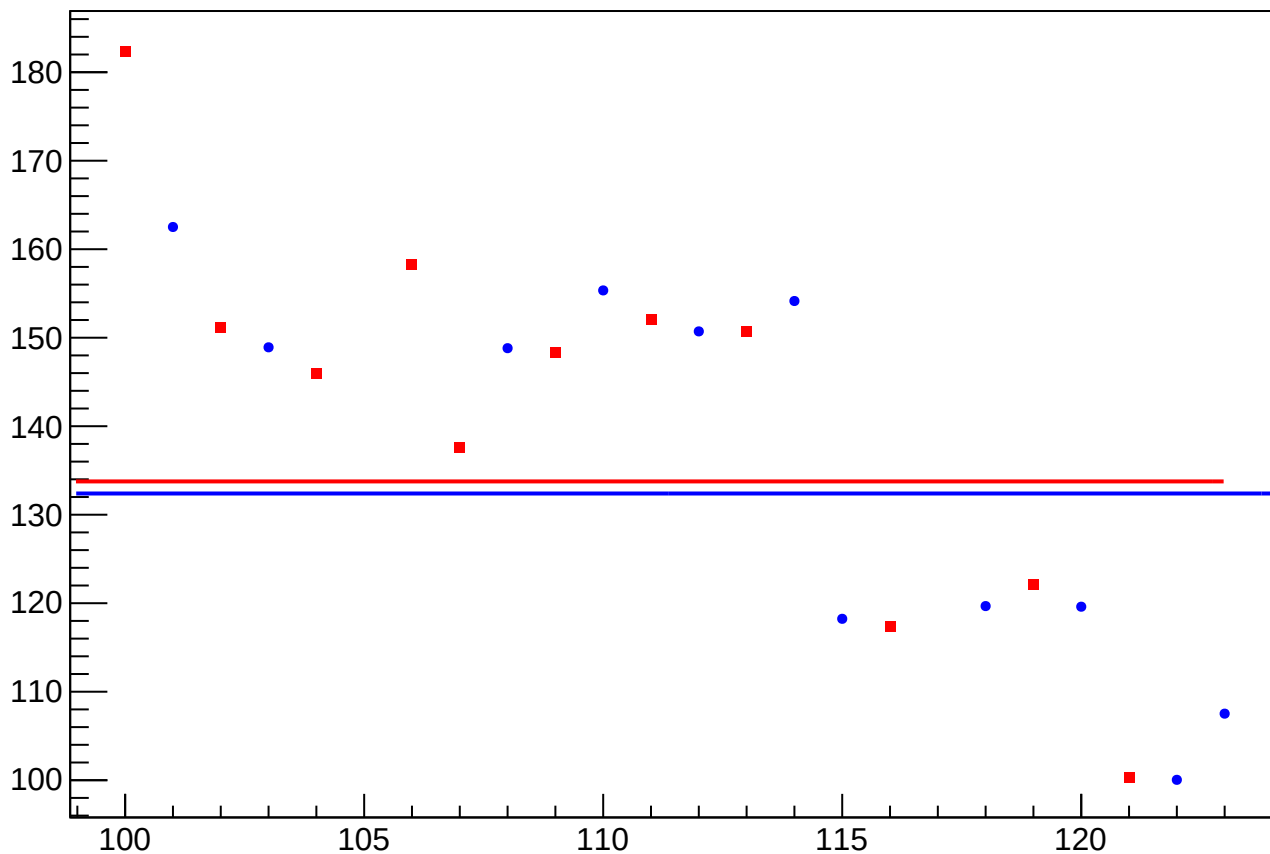
Right: 78.972 $\pm$ 45.538 χ^2 /NDF: 18.5/21

In: 121.851 $\pm$ 66.039 χ^2 /NDF: 8.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.972 $\pm$ 45.538 χ^2 /NDF: 18.5/21

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 132.397+/-0.047 χ^2/NDF : 219768.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.762+/-0.044 χ^2/NDF : 204145.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

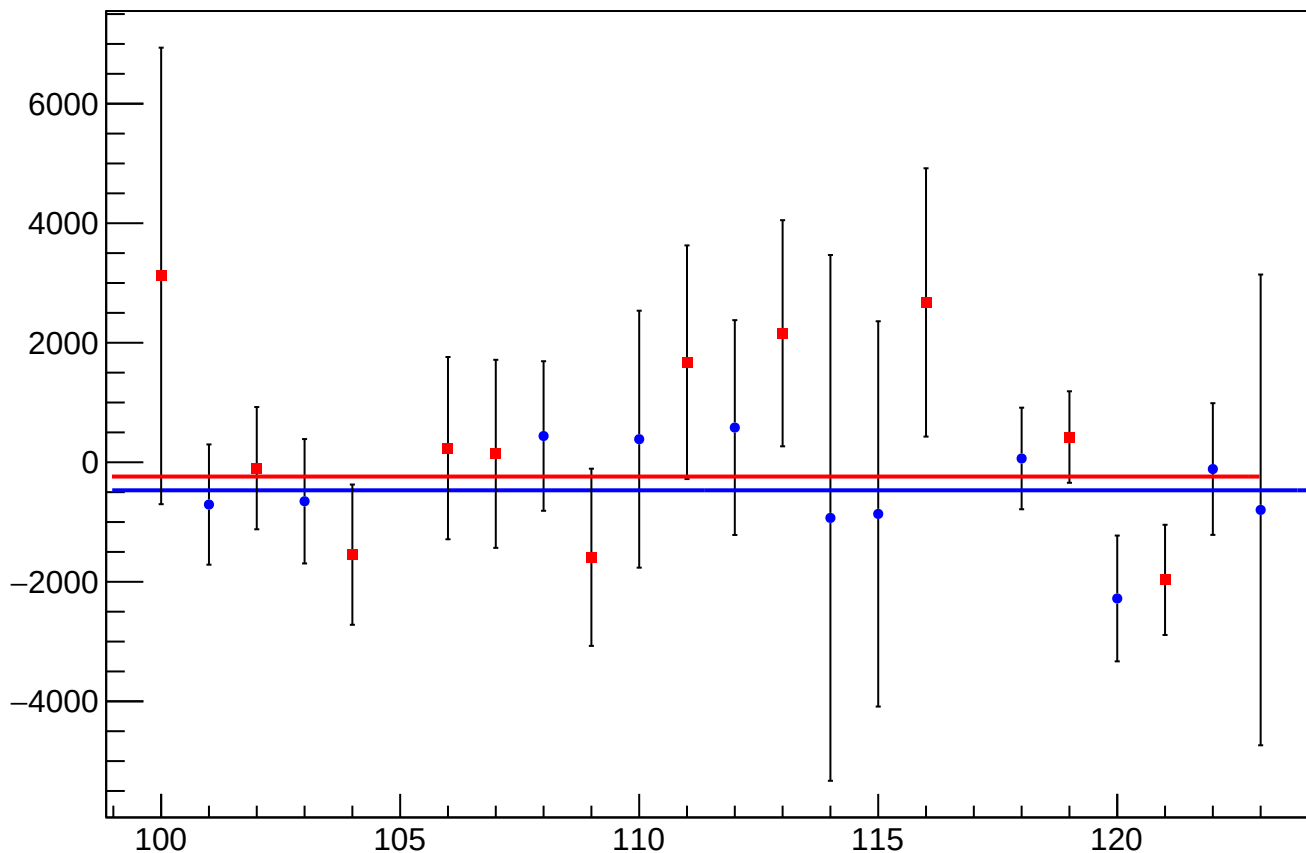
Right: 133.113+/-0.032 χ^2/NDF : 424362.9/21

In: 132.397+/-0.047 χ^2/NDF :219768.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.113+/-0.032 χ^2/NDF : 424362.9/21

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -469.018+/-395.318 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.721+/-387.420 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

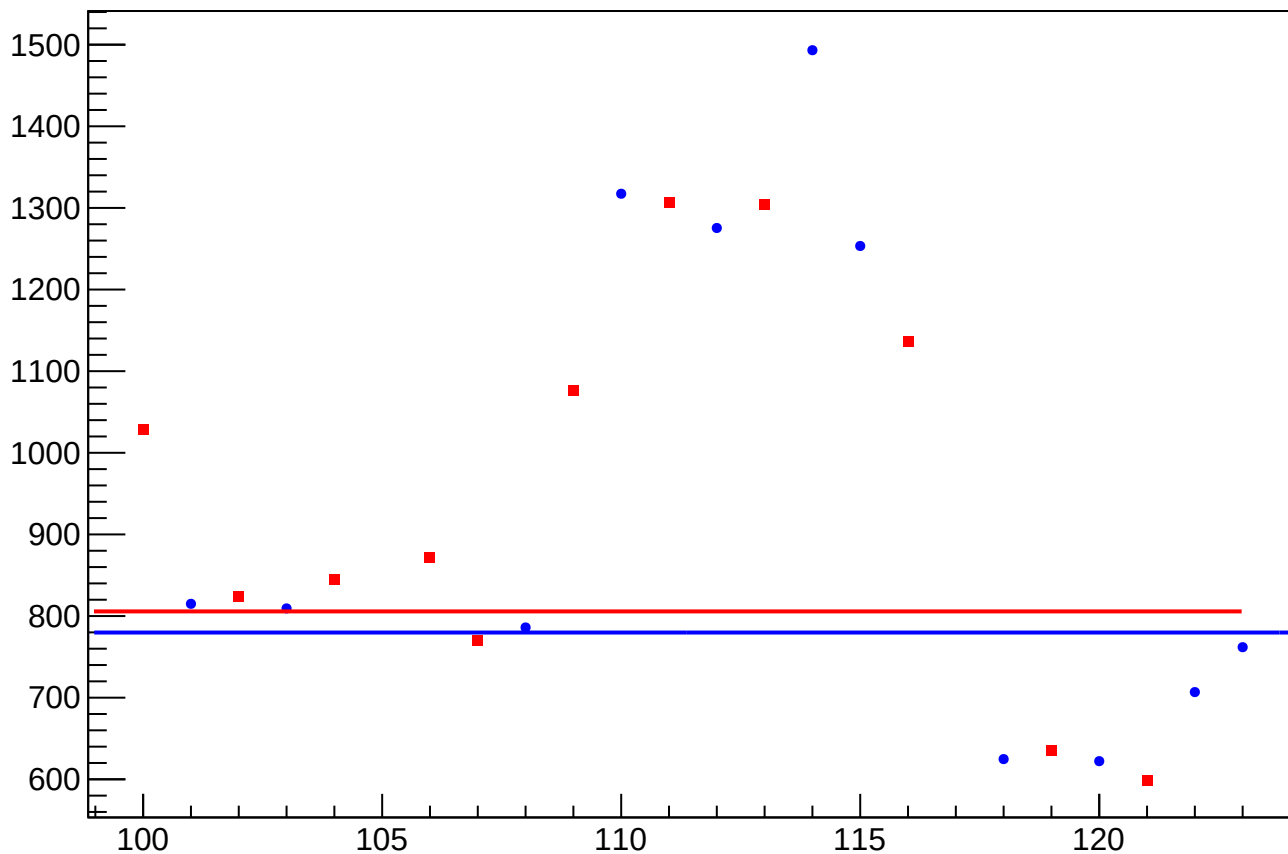
Right: -351.546+/-276.697 χ^2/NDF : 16.3/21

In: -469.018+/-395.318 χ^2/NDF : 4.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.546+/-276.697 χ^2/NDF : 16.3/21

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 779.810+/-0.280 χ^2/NDF : 497201.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.694+/-0.274 χ^2/NDF : 593887.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

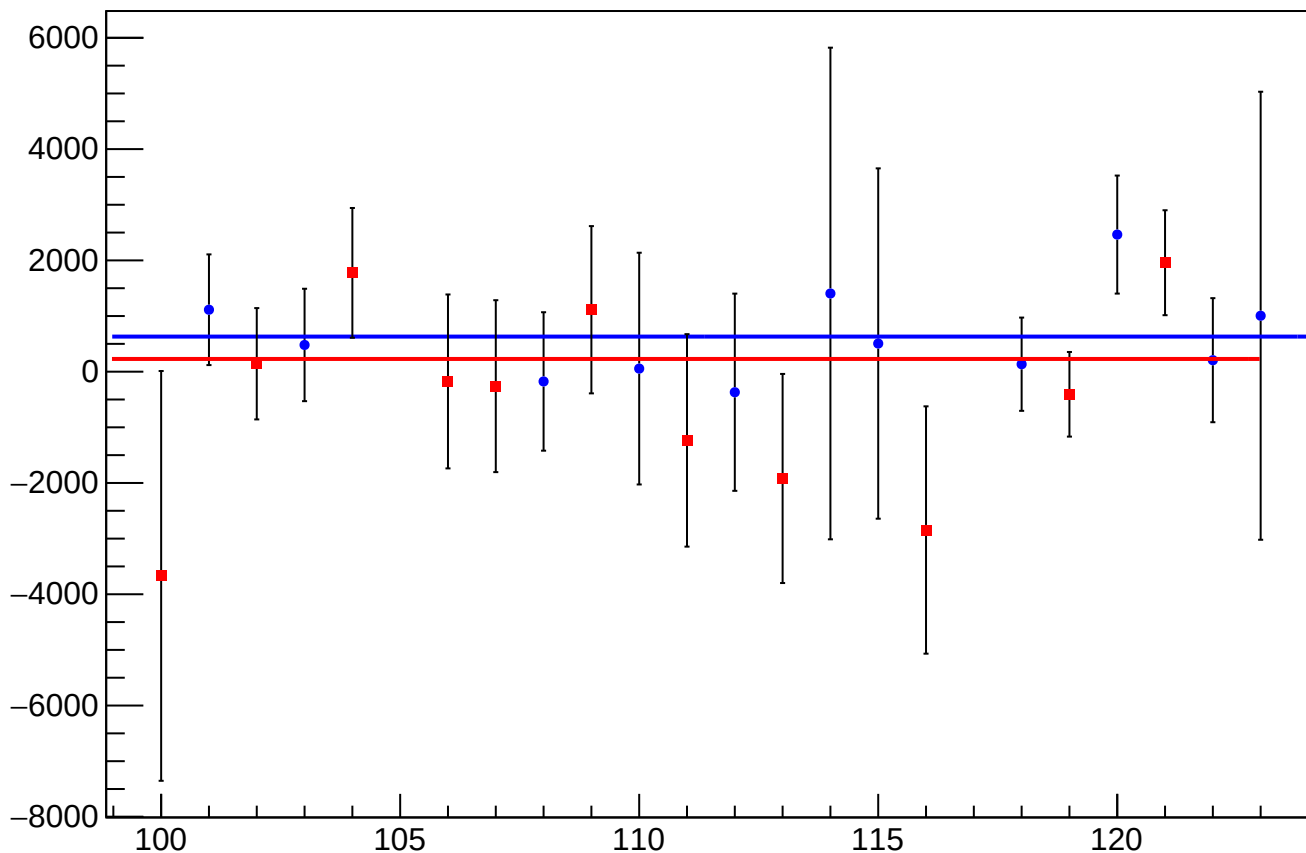
Right: 793.013+/-0.196 χ^2/NDF : 1095462.0/21

In: 779.810+/-0.280 χ^2/NDF : 497201.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.013+/-0.196 χ^2/NDF : 1095462.0/21

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 630.676+/-391.693 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.691+/-386.524 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

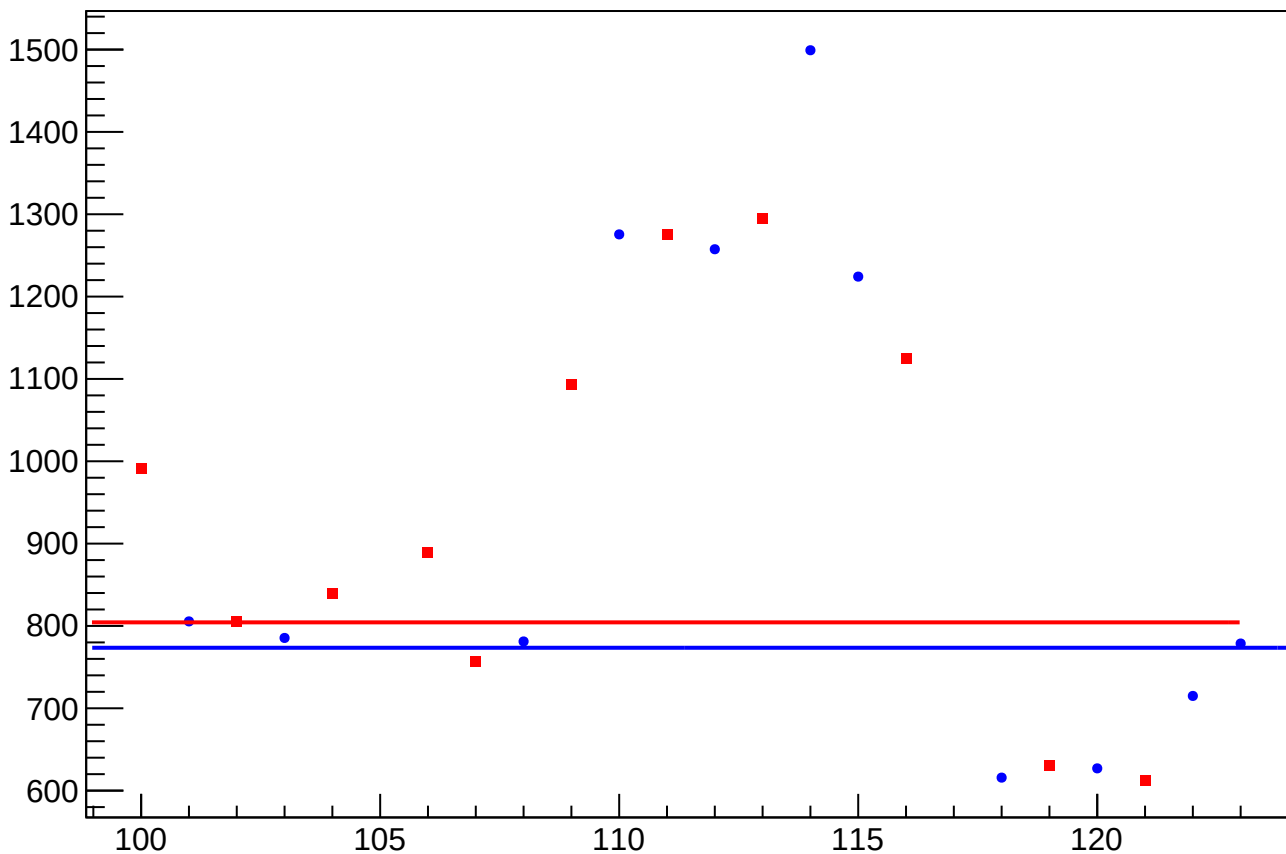
Right: 427.014+/-275.123 χ^2/NDF : 16.4/21

In: 630.676+/-391.693 χ^2/NDF : 4.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.014+/-275.123 χ^2/NDF : 16.4/21

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 773.509+/-0.277 χ^2/NDF : 477346.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 804.357+/-0.273 χ^2/NDF : 575910.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

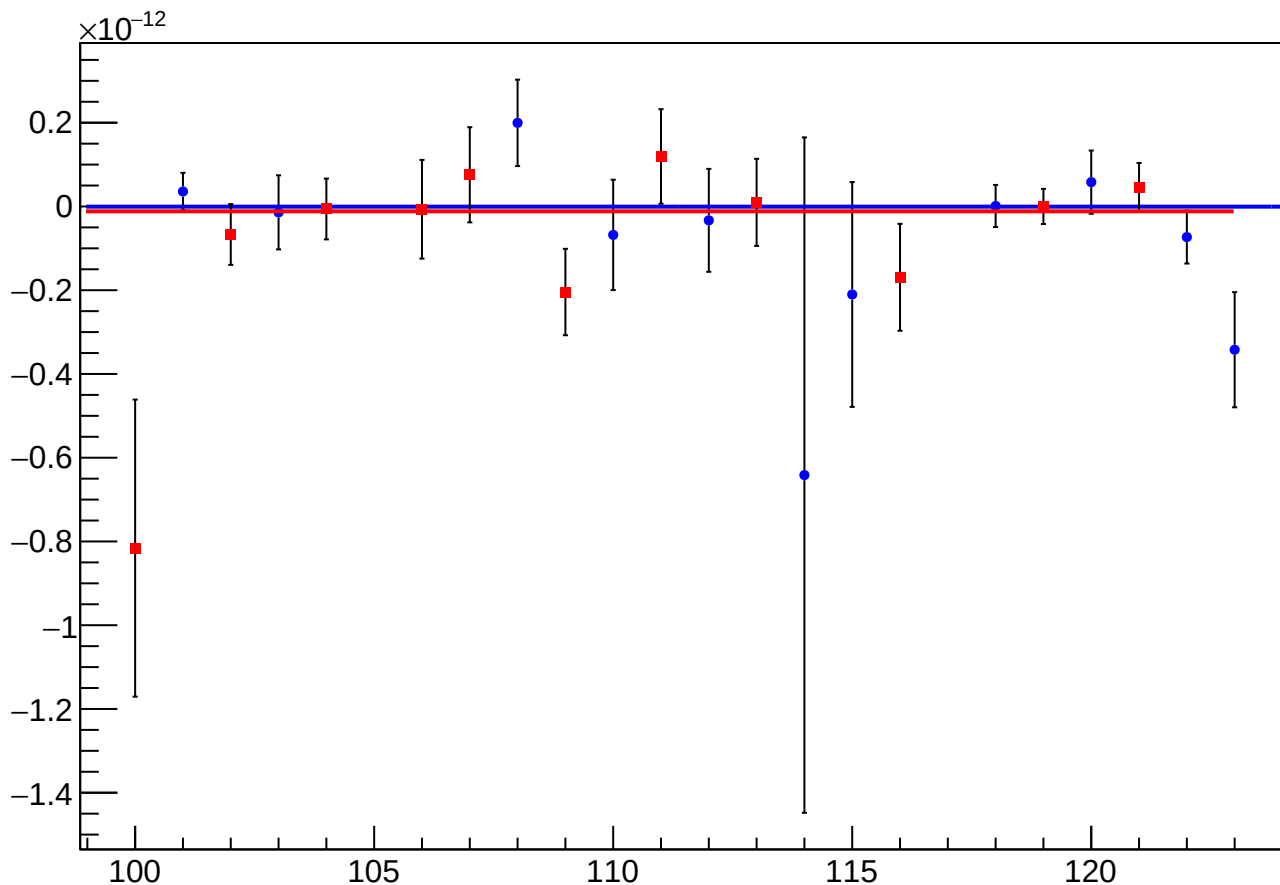
Right: 789.138+/-0.195 χ^2/NDF : 1059542.2/21

In: 773.509+/-0.277 χ^2/NDF : 477346.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.138+/-0.195 χ^2/NDF : 1059542.2/21

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.1/10

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

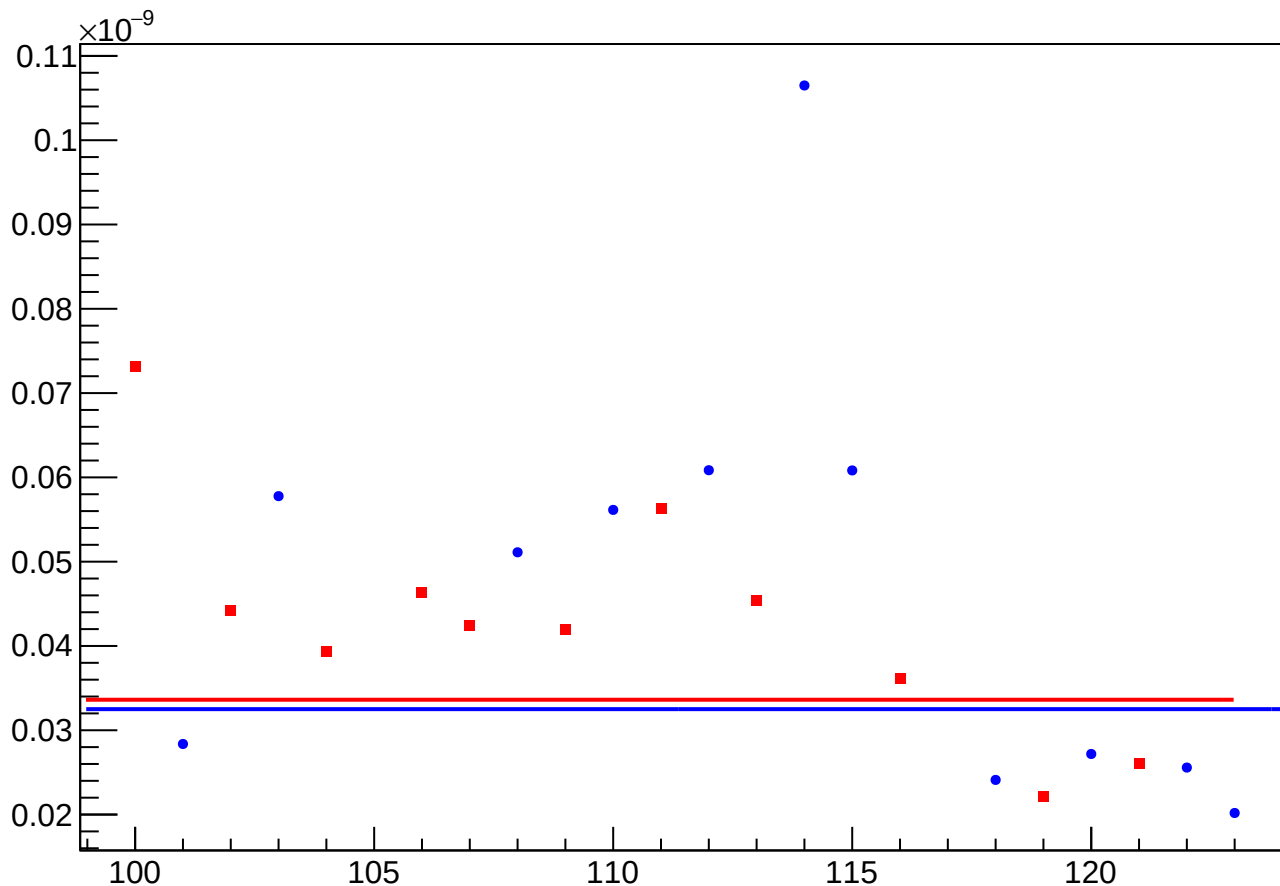
Right: -0.000+/-0.000 χ^2/NDF : 28.0/21

In: -0.000+/-0.000 χ^2/NDF : 14.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.0/21

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 561115.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 419674.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

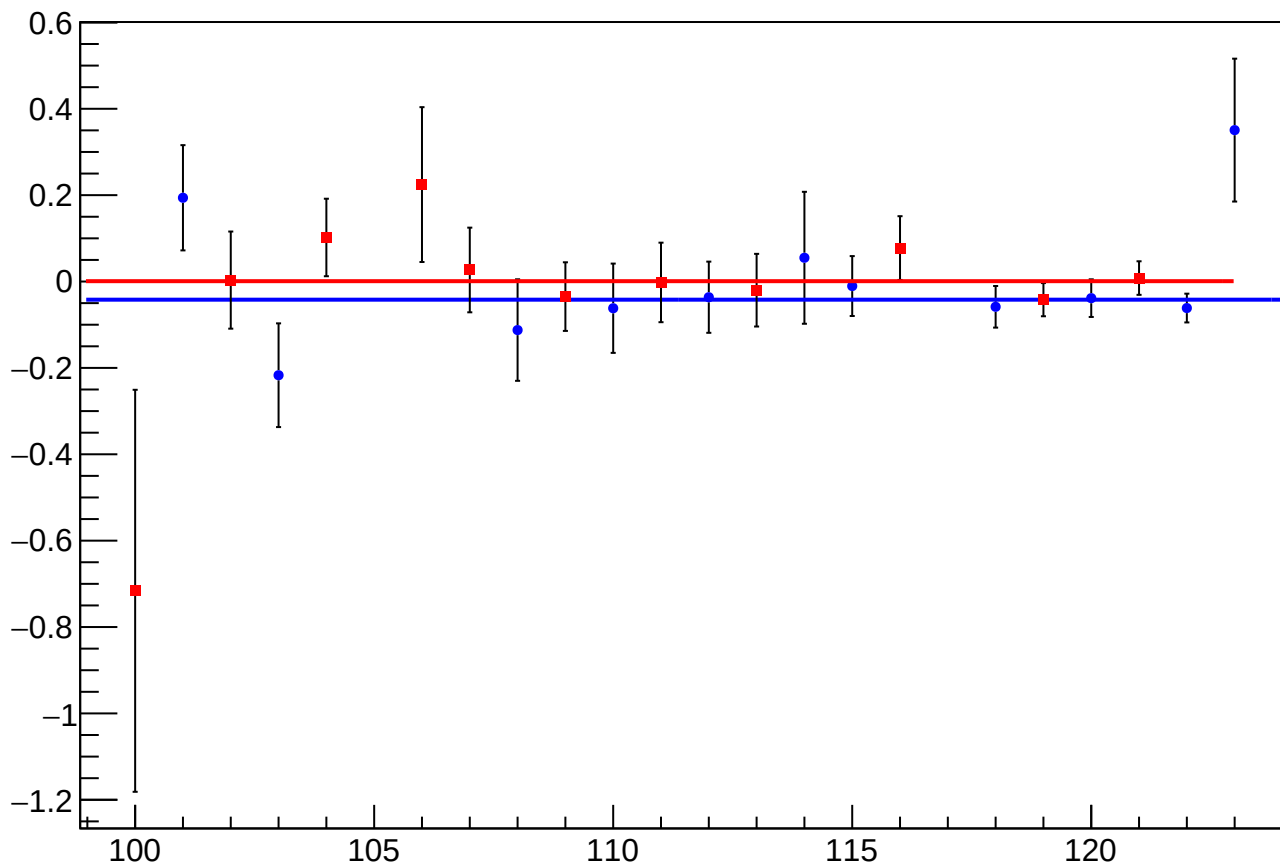
Right: 0.000+/-0.000 χ^2/NDF : 982956.6/21

In: 0.000+/-0.000 χ^2/NDF : 561115.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 982956.6/21

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.020 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.021 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

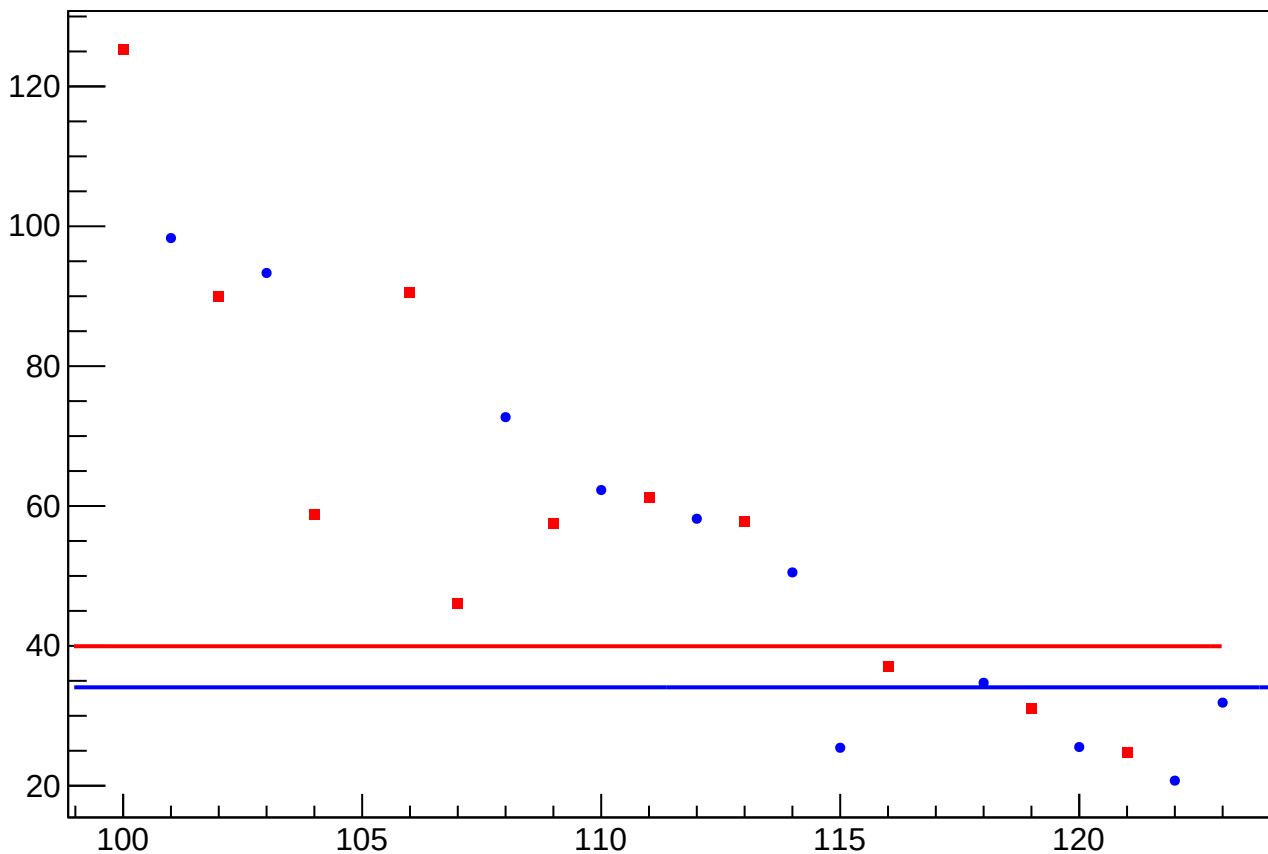
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 23.1/21

In: -0.042 $\pm$ 0.020 χ^2 /NDF:13.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 23.1/21

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.074+/-0.014 χ^2/NDF : 2031765.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.946+/-0.015 χ^2/NDF : 1430587.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

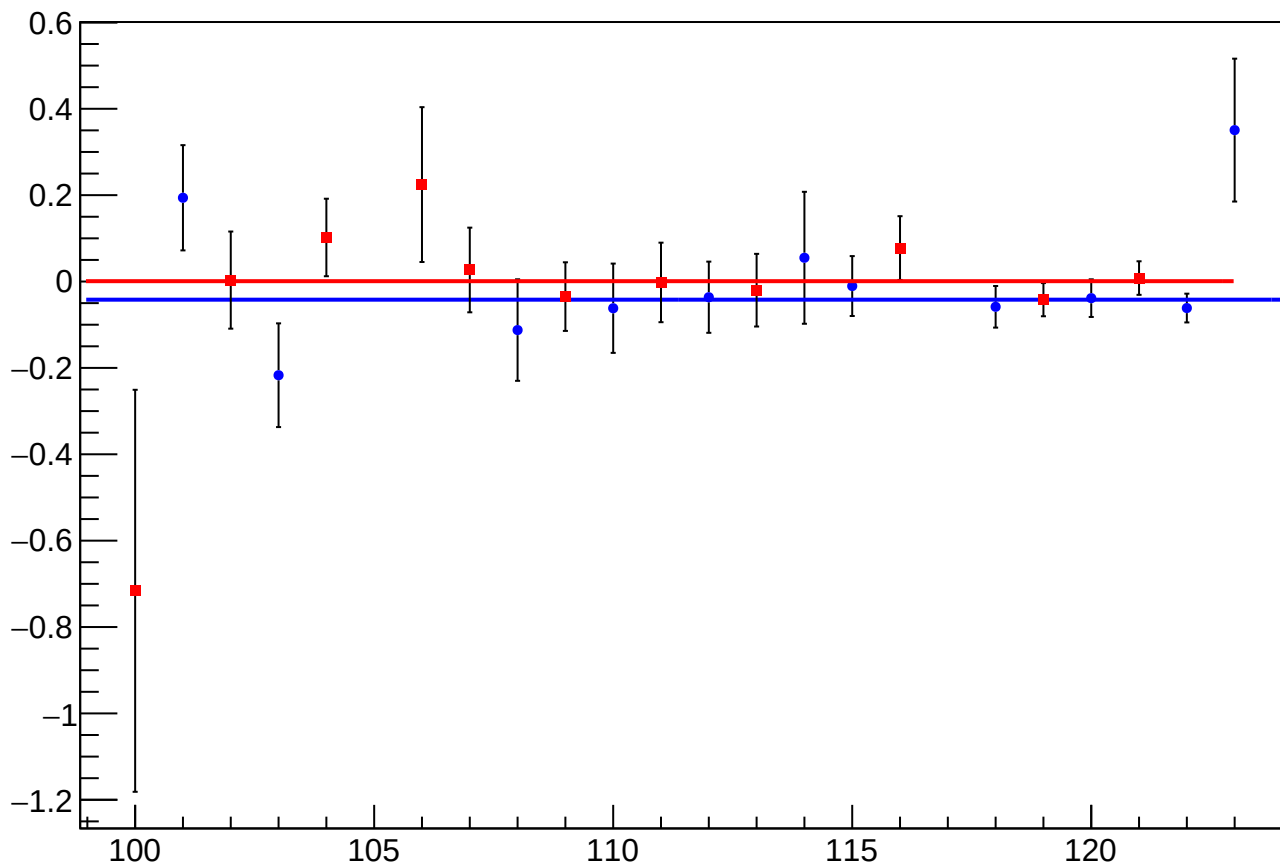
Right: 36.822+/-0.010 χ^2/NDF : 3546152.9/21

In: 34.074+/-0.014 χ^2/NDF : 2031765.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.822+/-0.010 χ^2/NDF : 3546152.9/21

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.020 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.021 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

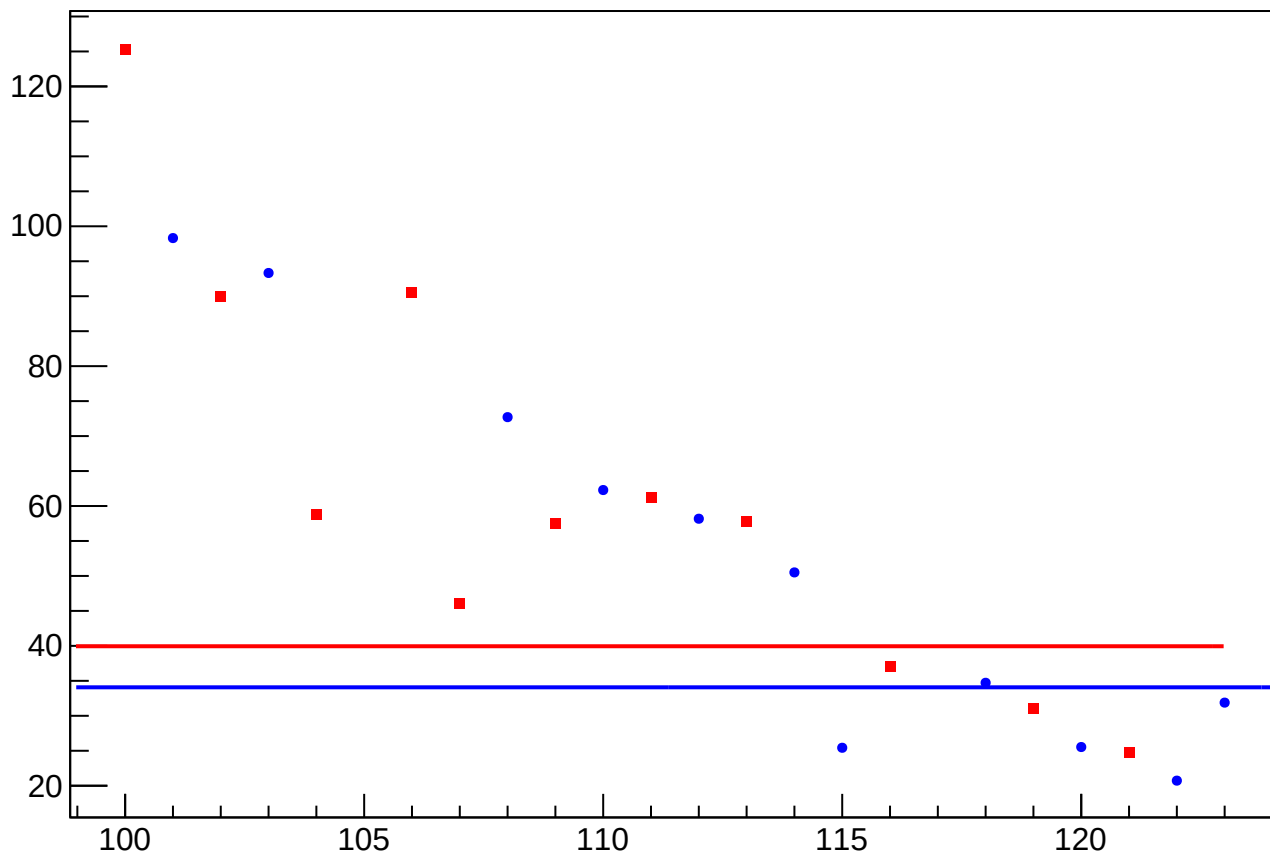
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 23.1/21

In: -0.042 $\pm$ 0.020 χ^2 /NDF:13.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 23.1/21

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.074+/-0.014 χ^2/NDF : 2031765.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.946+/-0.015 χ^2/NDF : 1430587.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

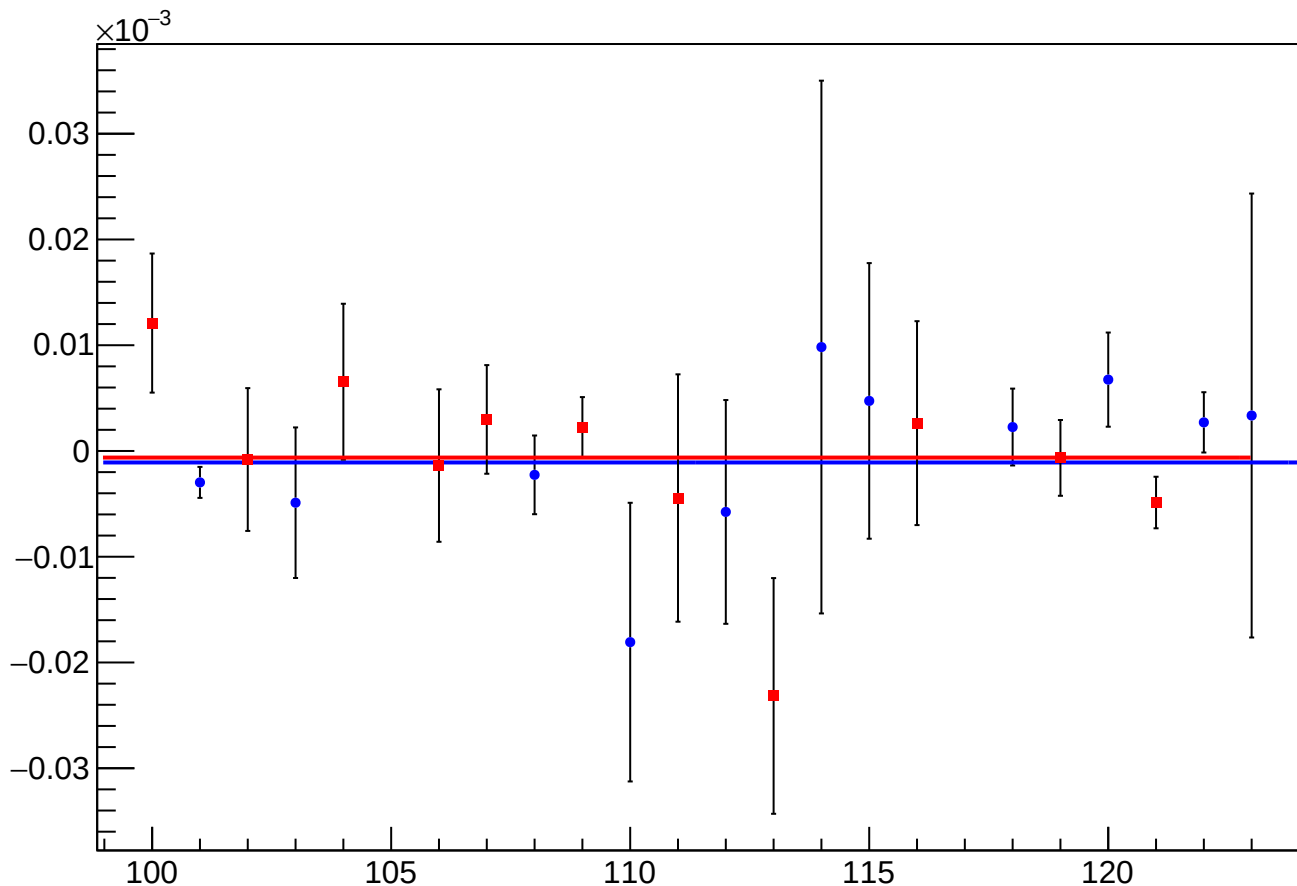
Right: 36.822+/-0.010 χ^2/NDF : 3546152.9/21

In: 34.074+/-0.014 χ^2/NDF :2031765.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.822+/-0.010 χ^2/NDF : 3546152.9/21

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/10

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

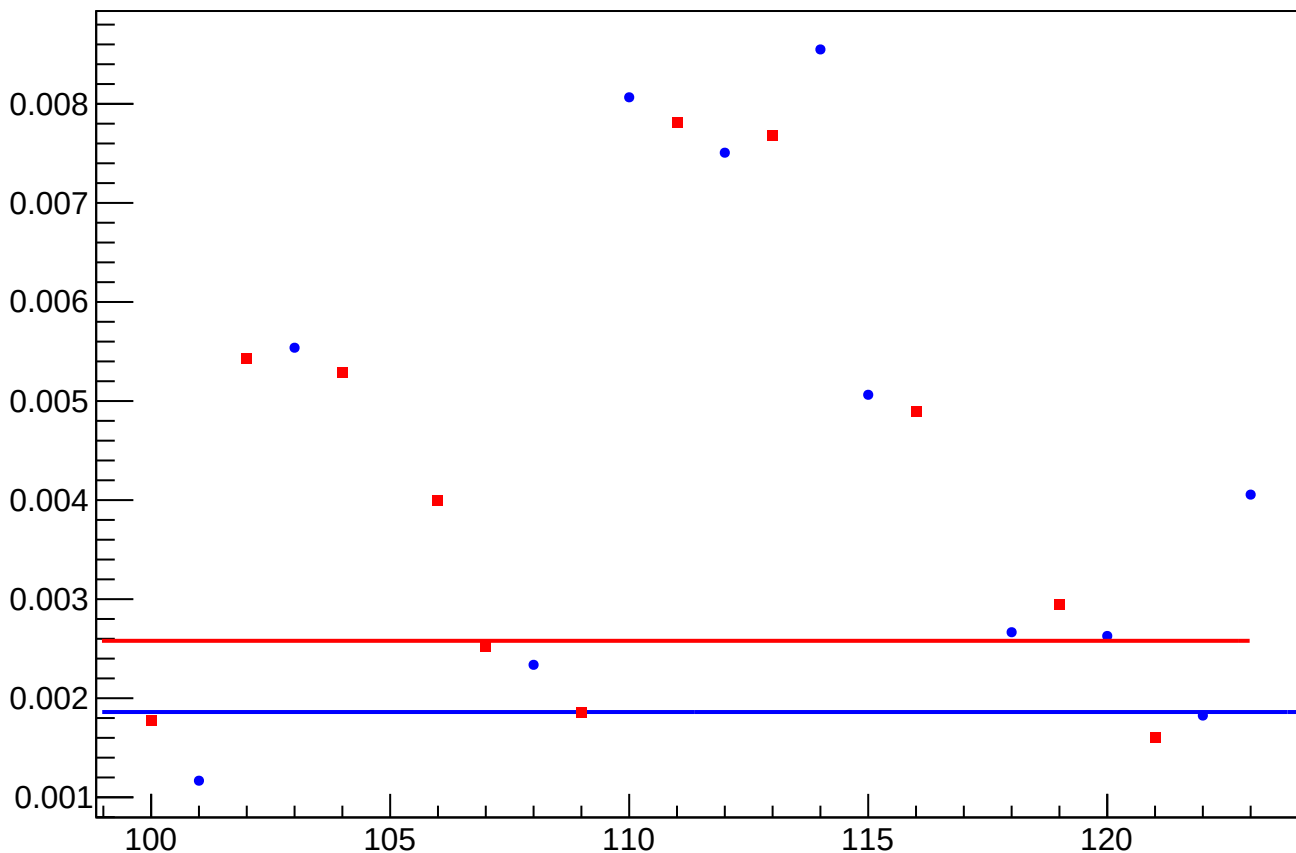
Right: -0.000+/-0.000 χ^2/NDF : 23.6/21

In: -0.000+/-0.000 χ^2/NDF :10.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/21

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2469147.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2138297.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

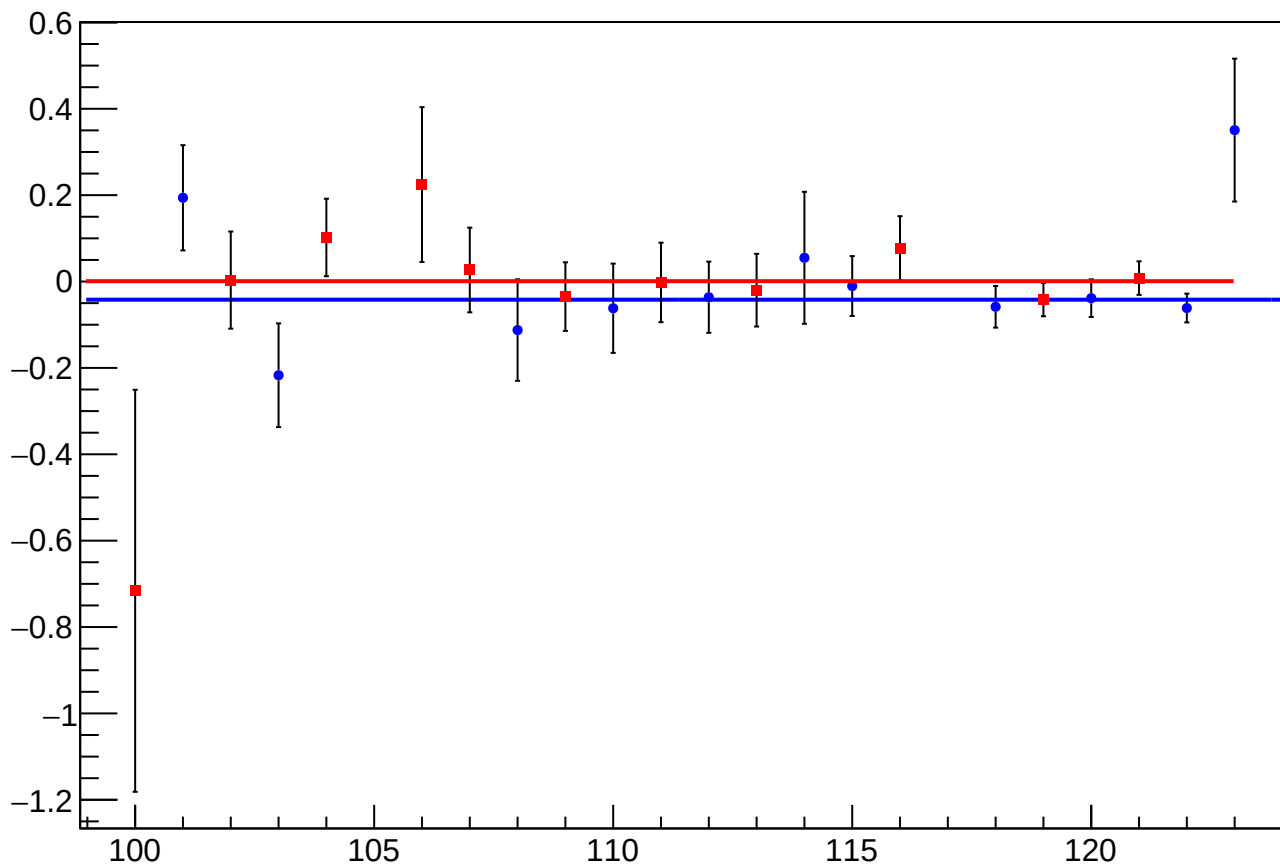
Right: 0.002+/-0.000 χ^2/NDF : 4935951.7/21

In: 0.002+/-0.000 χ^2/NDF : 2469147.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4935951.7/21

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042+/-0.020 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.021 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

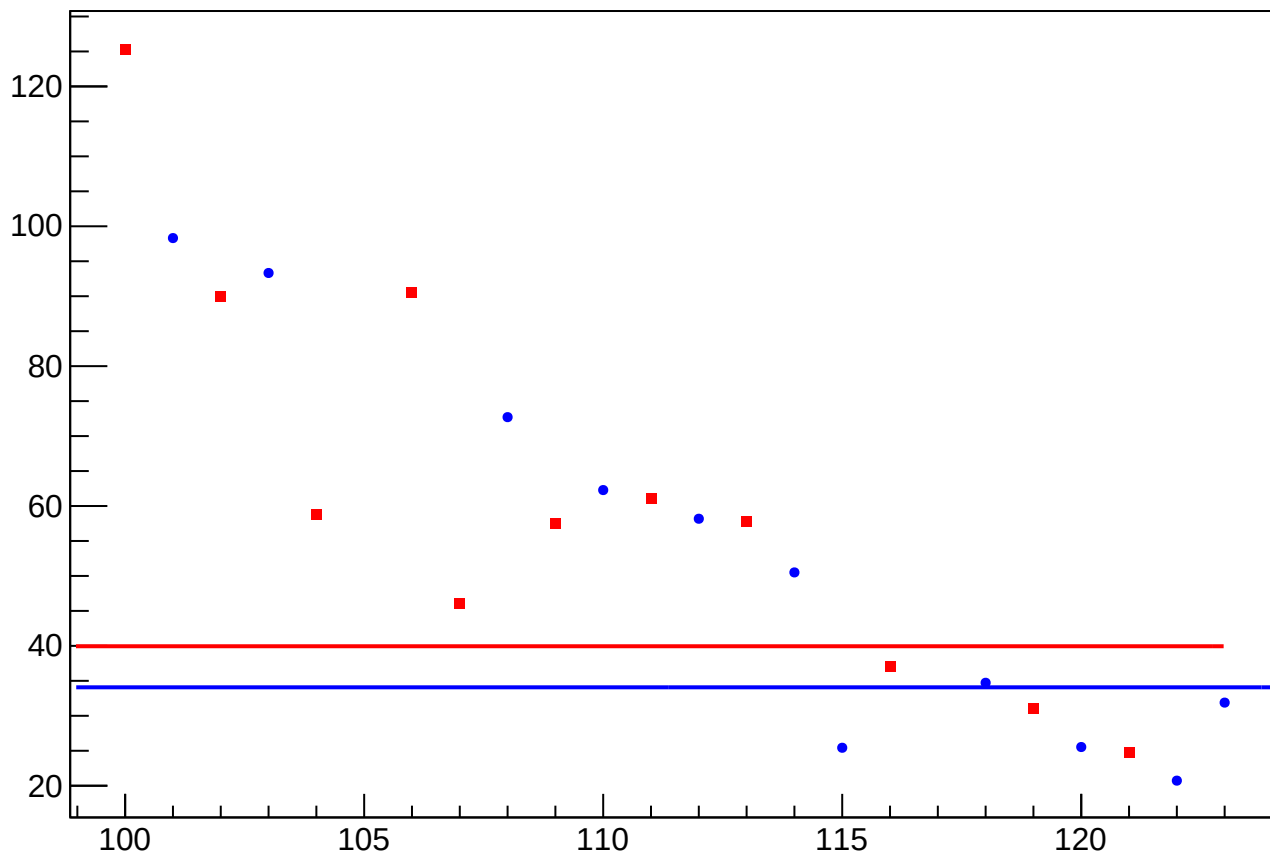
Right: -0.022+/-0.014 χ^2/NDF : 23.1/21

In: -0.042+/-0.020 χ^2/NDF : 13.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.014 χ^2/NDF : 23.1/21

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.075+/-0.014 χ^2/NDF : 2031696.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.946+/-0.015 χ^2/NDF : 1430525.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

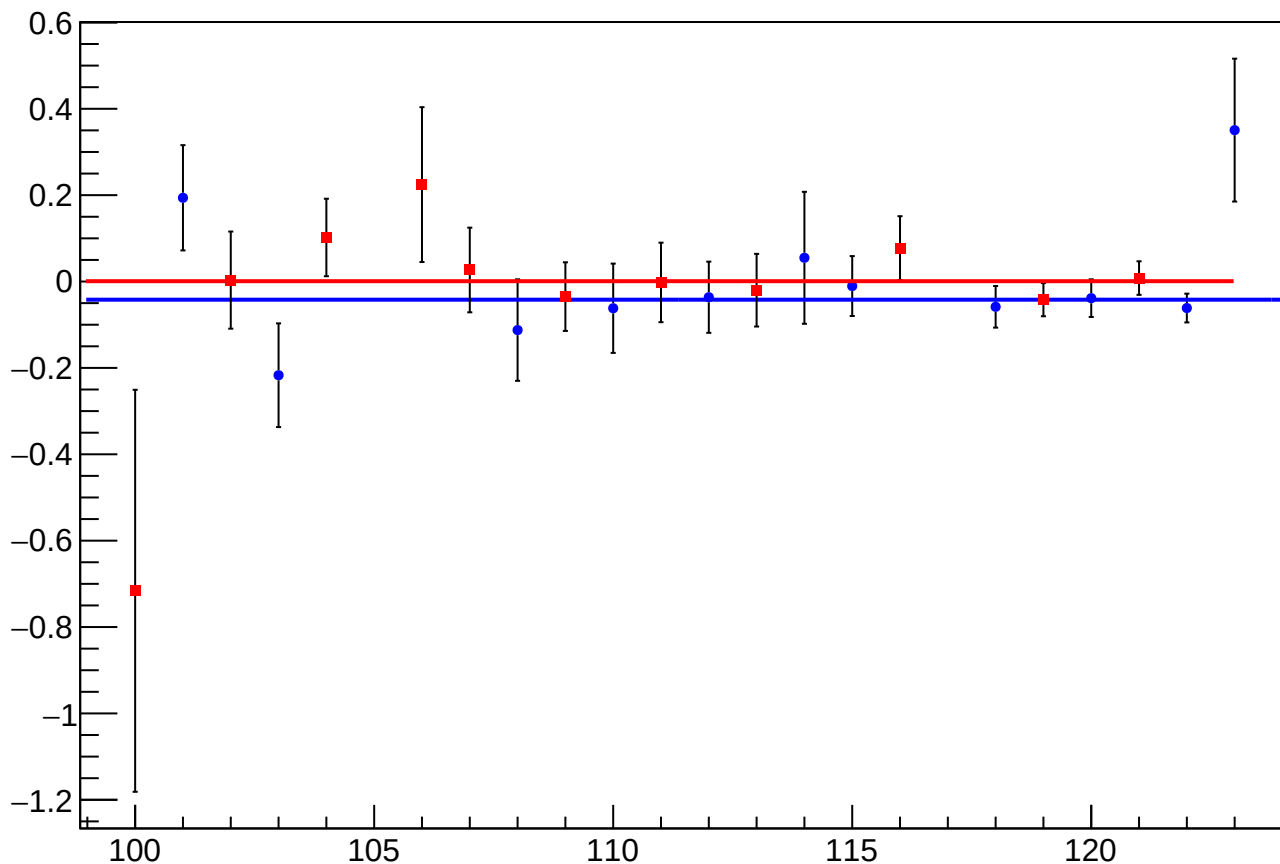
Right: 36.823+/-0.010 χ^2/NDF : 3546007.5/21

In: 34.075+/-0.014 χ^2/NDF : 2031696.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.823+/-0.010 χ^2/NDF : 3546007.5/21

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.020 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.021 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

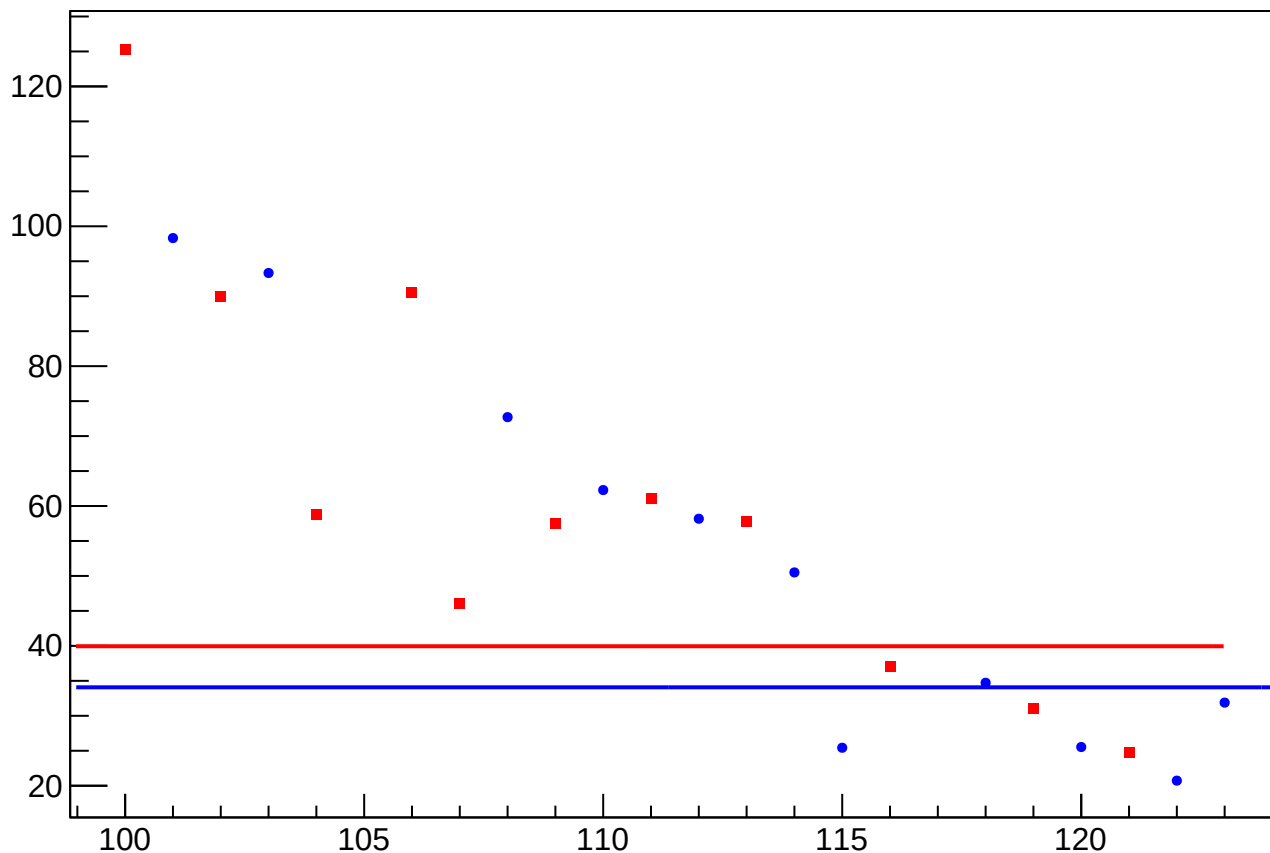
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 23.1/21

In: -0.042 $\pm$ 0.020 χ^2 /NDF:13.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 23.1/21

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.075+/-0.014 χ^2/NDF : 2031696.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.946+/-0.015 χ^2/NDF : 1430525.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

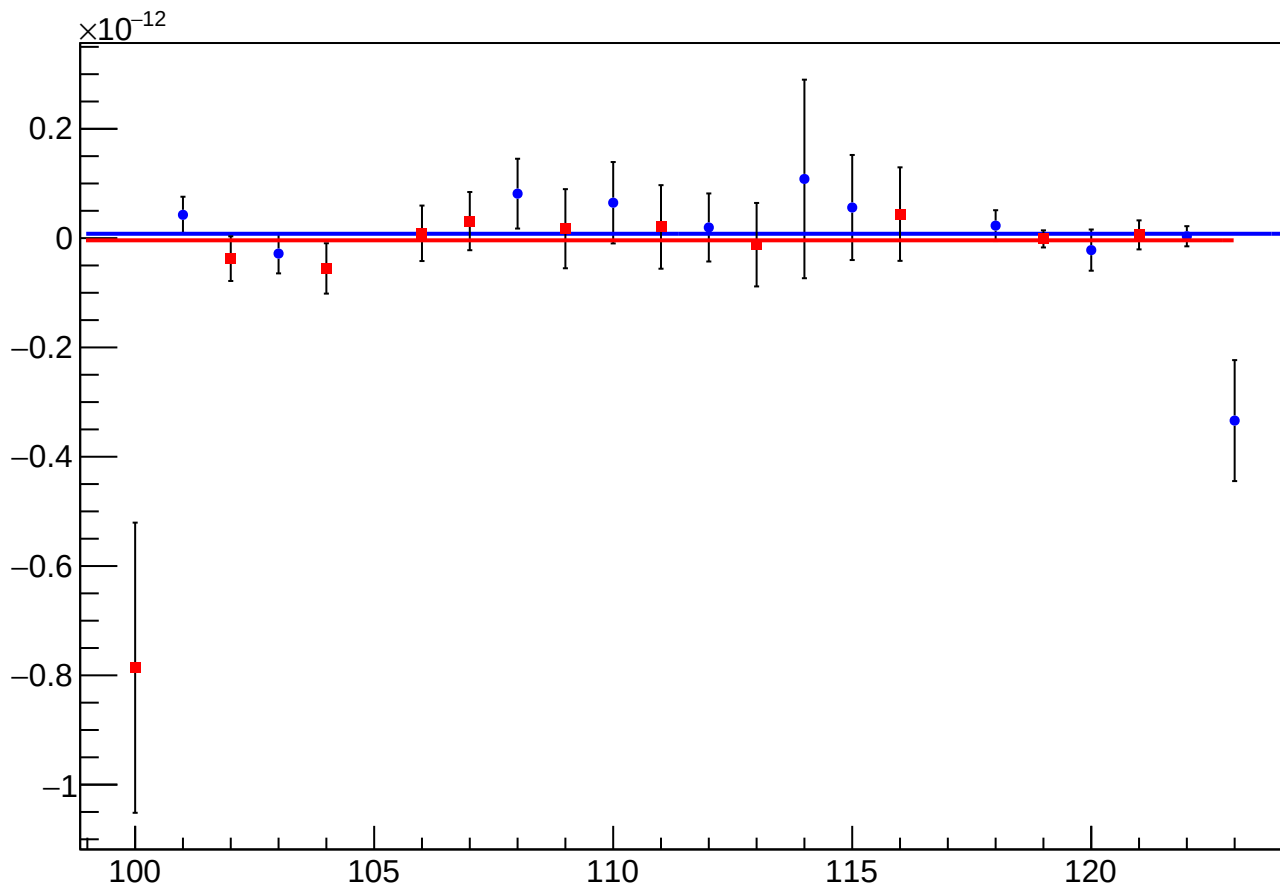
Right: 36.823+/-0.010 χ^2/NDF : 3546007.5/21

In: 34.075+/-0.014 χ^2/NDF : 2031696.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.823+/-0.010 χ^2/NDF : 3546007.5/21

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/10

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

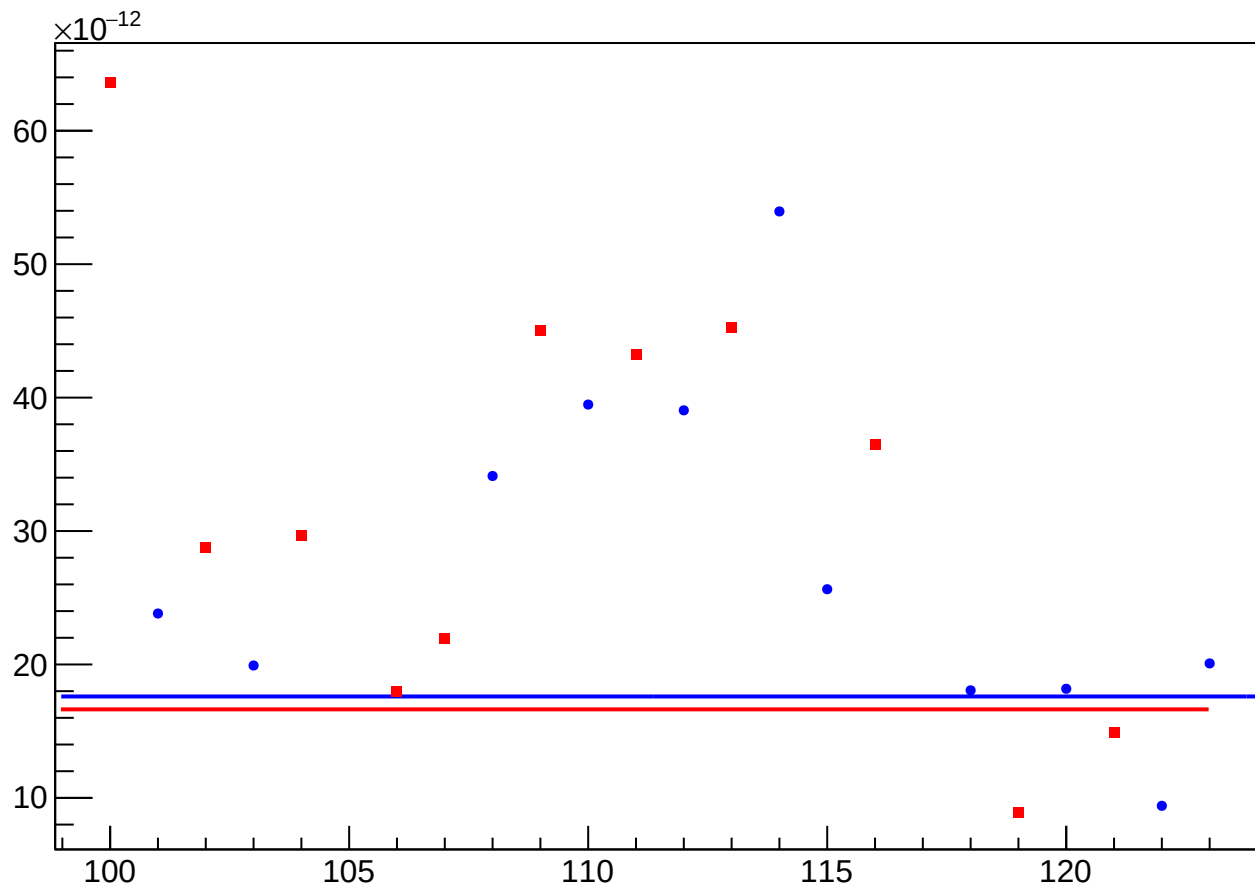
Right: 0.000+/-0.000 χ^2/NDF : 27.4/21

In: 0.000+/-0.000 χ^2/NDF : 15.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.4/21

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1113905.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1857418.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

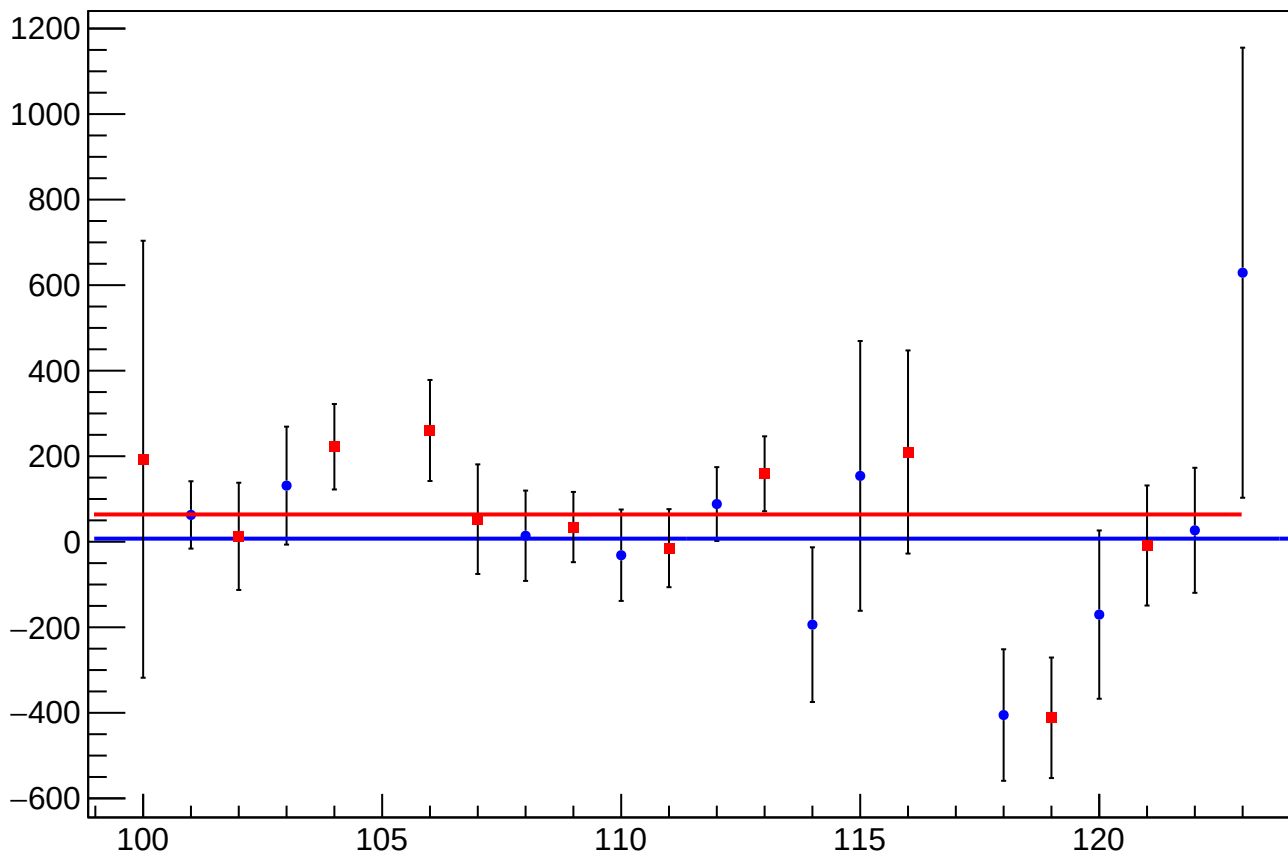
Right: 0.000+/-0.000 χ^2/NDF : 2978526.5/21

In: 0.000+/-0.000 χ^2/NDF : 1113905.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2978526.5/21

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 7.266+/-38.223 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.843+/-34.977 χ^2/NDF : 19.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

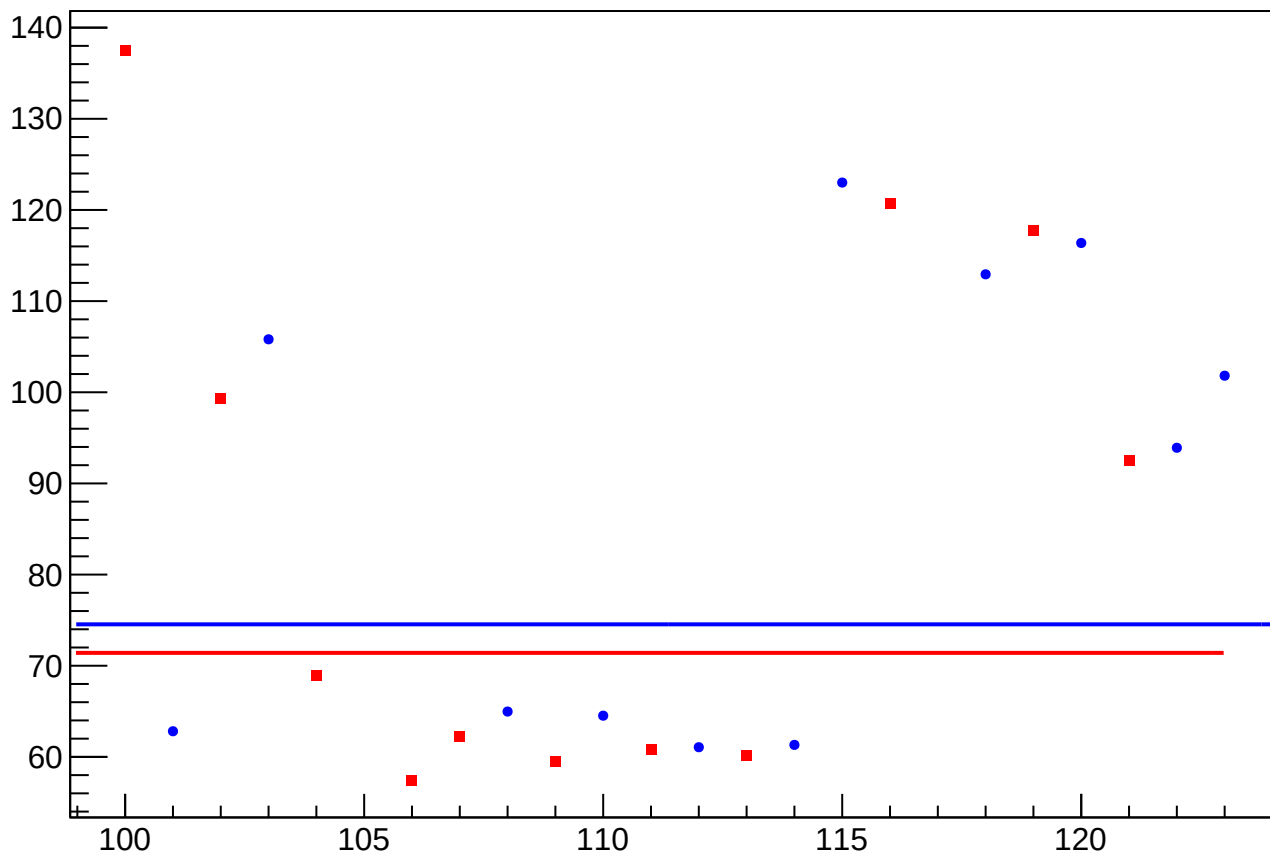
Right: 38.058+/-25.804 χ^2/NDF : 34.0/21

In: 7.266+/-38.223 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.058+/-25.804 χ^2/NDF : 34.0/21

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.541+/-0.027 χ^2/NDF : 543508.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.411+/-0.025 χ^2/NDF : 621170.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

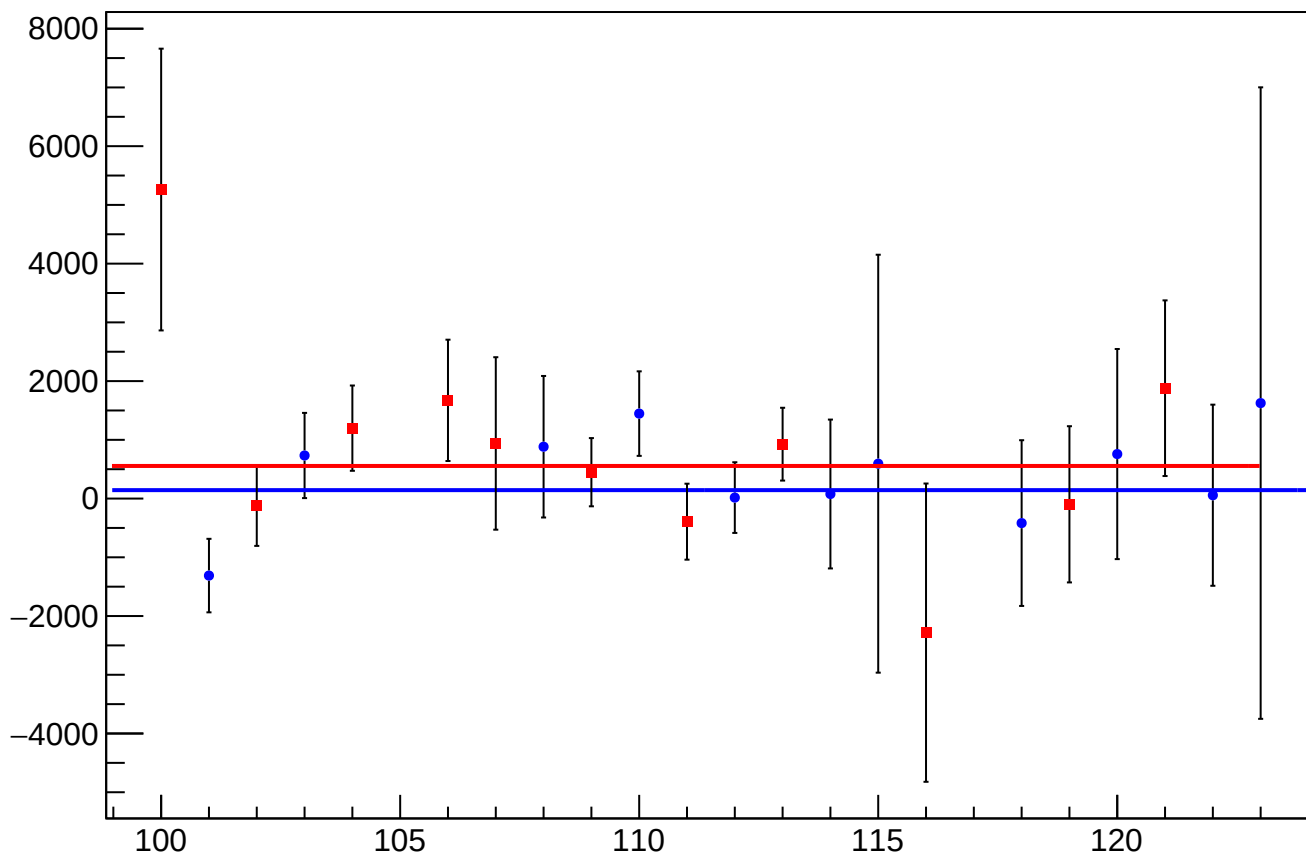
Right: 72.838+/-0.018 χ^2/NDF : 1171979.0/21

In: 74.541+/-0.027 χ^2/NDF : 543508.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.838+/-0.018 χ^2/NDF : 1171979.0/21

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 143.611+/-291.020 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.272+/-260.674 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

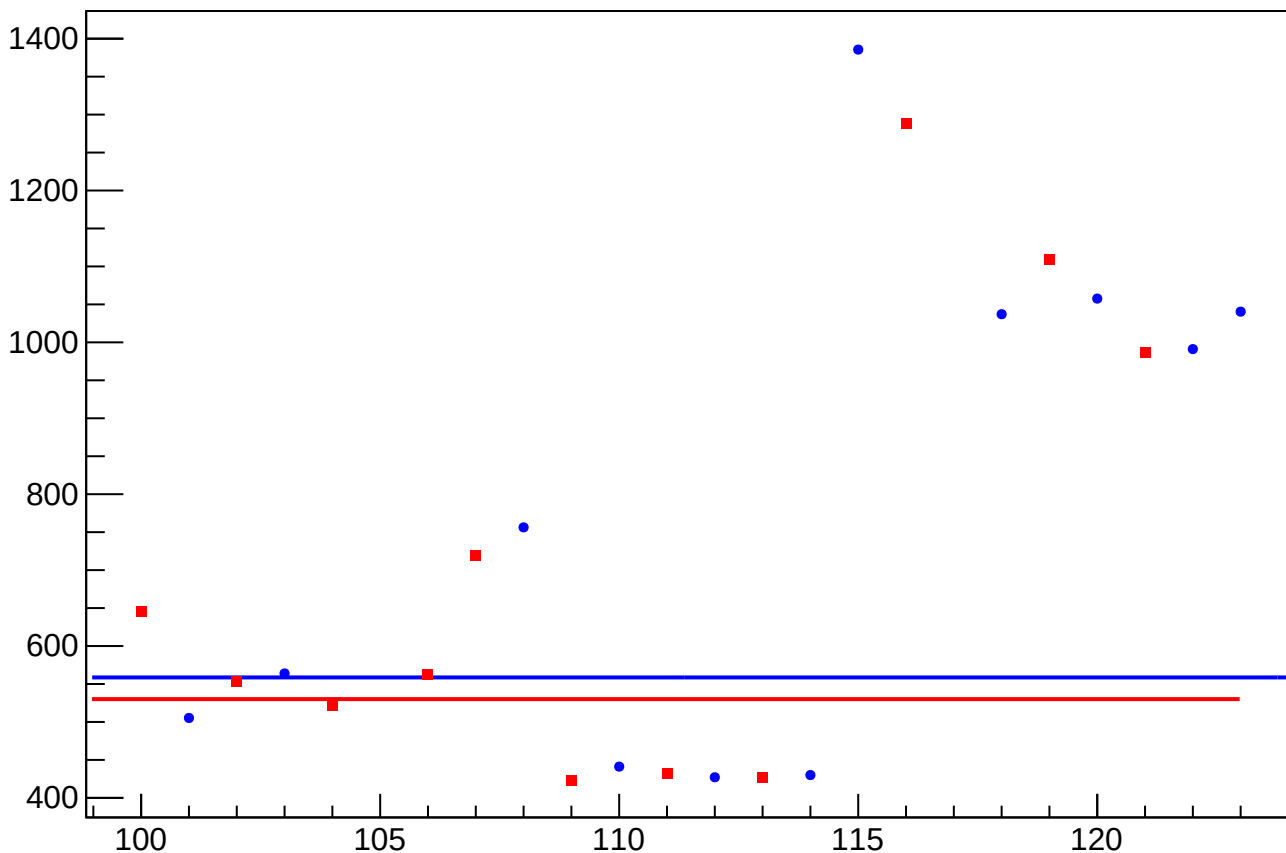
Right: 372.017+/-194.170 χ^2/NDF : 22.9/21

In: 143.611+/-291.020 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.017+/-194.170 χ^2/NDF : 22.9/21

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 558.647+/-0.206 χ^2/NDF : 904974.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.117+/-0.184 χ^2/NDF : 955392.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

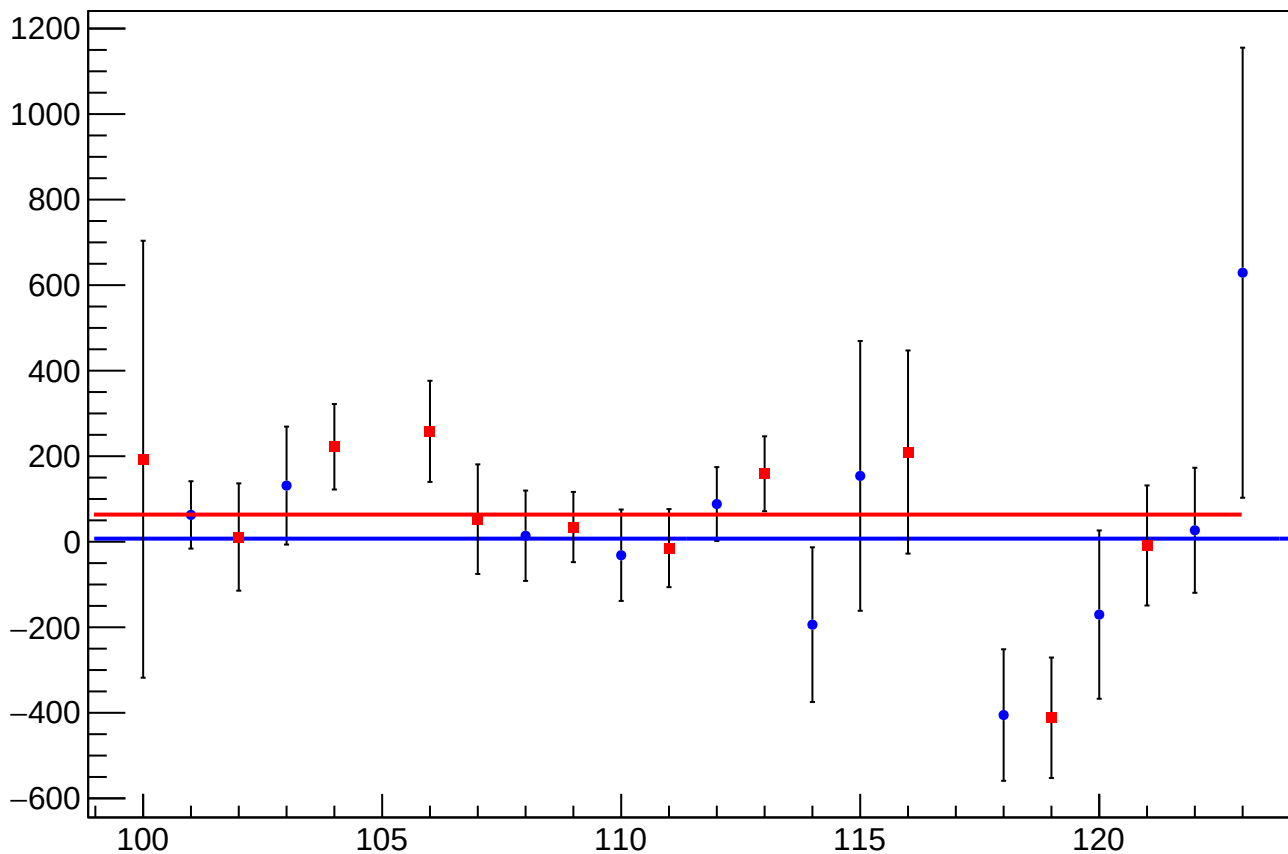
Right: 542.818+/-0.137 χ^2/NDF : 1871031.7/21

In: 558.647+/-0.206 χ^2/NDF : 904974.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.818+/-0.137 χ^2/NDF : 1871031.7/21

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 7.261+/-38.223 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.522+/-34.980 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

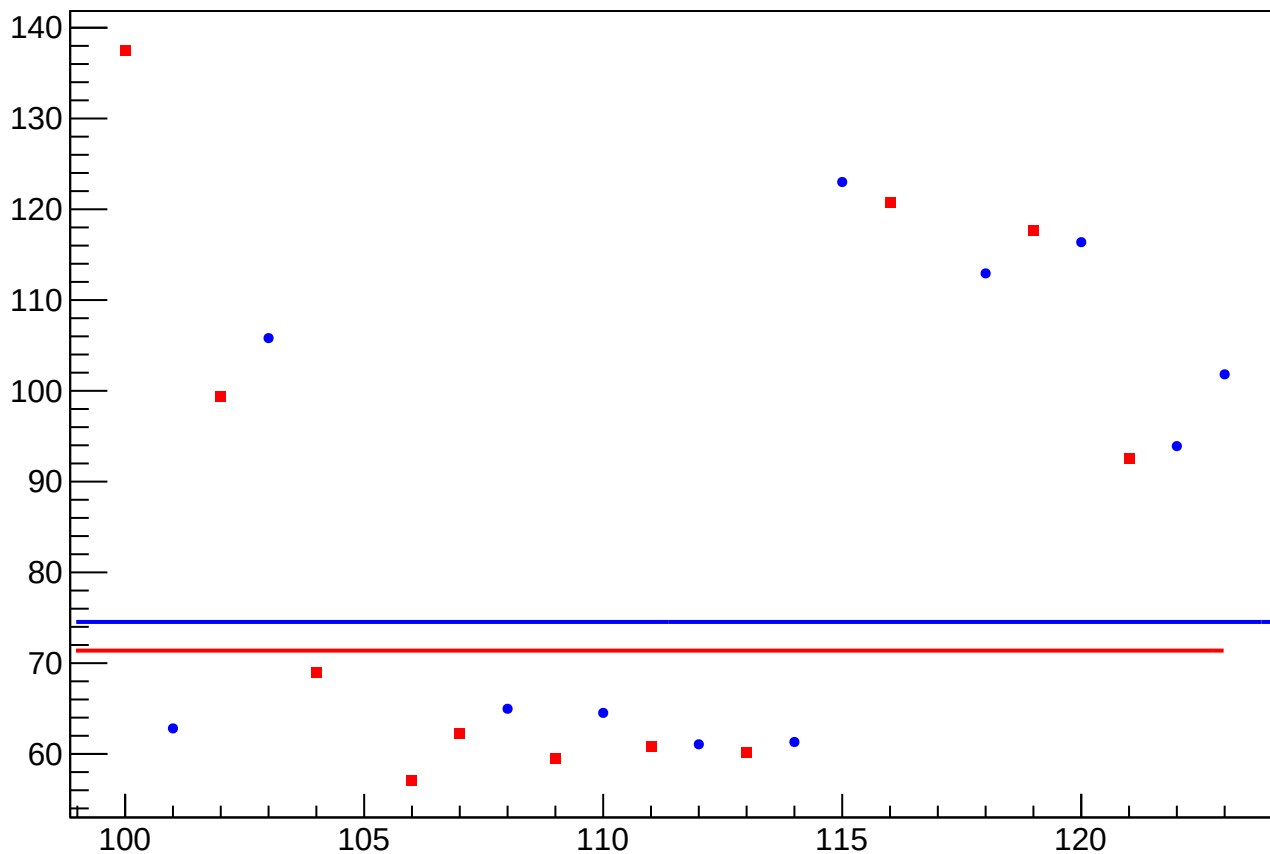
Right: 37.879+/-25.805 χ^2/NDF : 33.9/21

In: 7.261+/-38.223 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.879+/-25.805 χ^2/NDF : 33.9/21

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.541+/-0.027 χ^2/NDF : 543511.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.384+/-0.025 χ^2/NDF : 622718.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

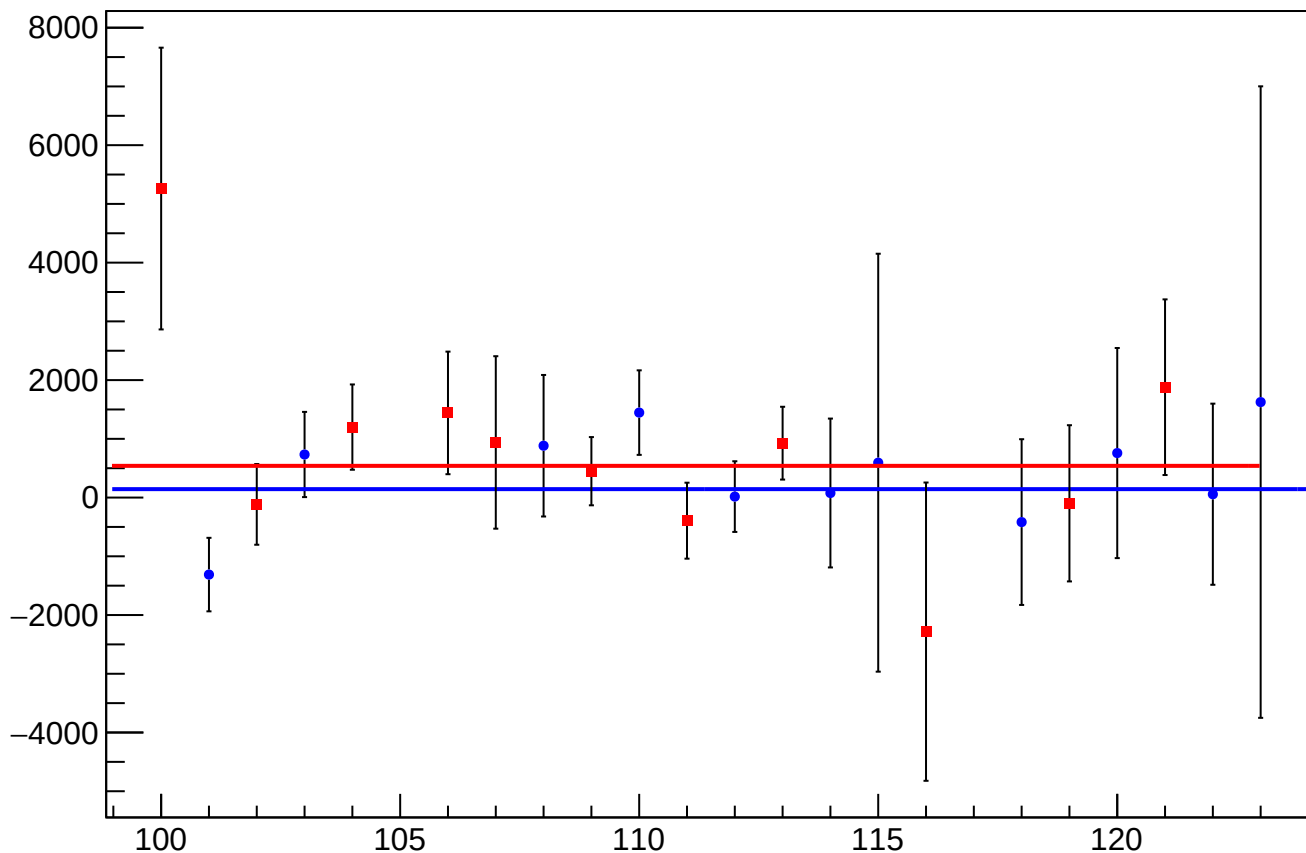
Right: 72.823+/-0.018 χ^2/NDF : 1173654.7/21

In: 74.541+/-0.027 χ^2/NDF : 543511.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.823+/-0.018 χ^2/NDF : 1173654.7/21

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.578+/-291.025 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.056+/-260.869 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

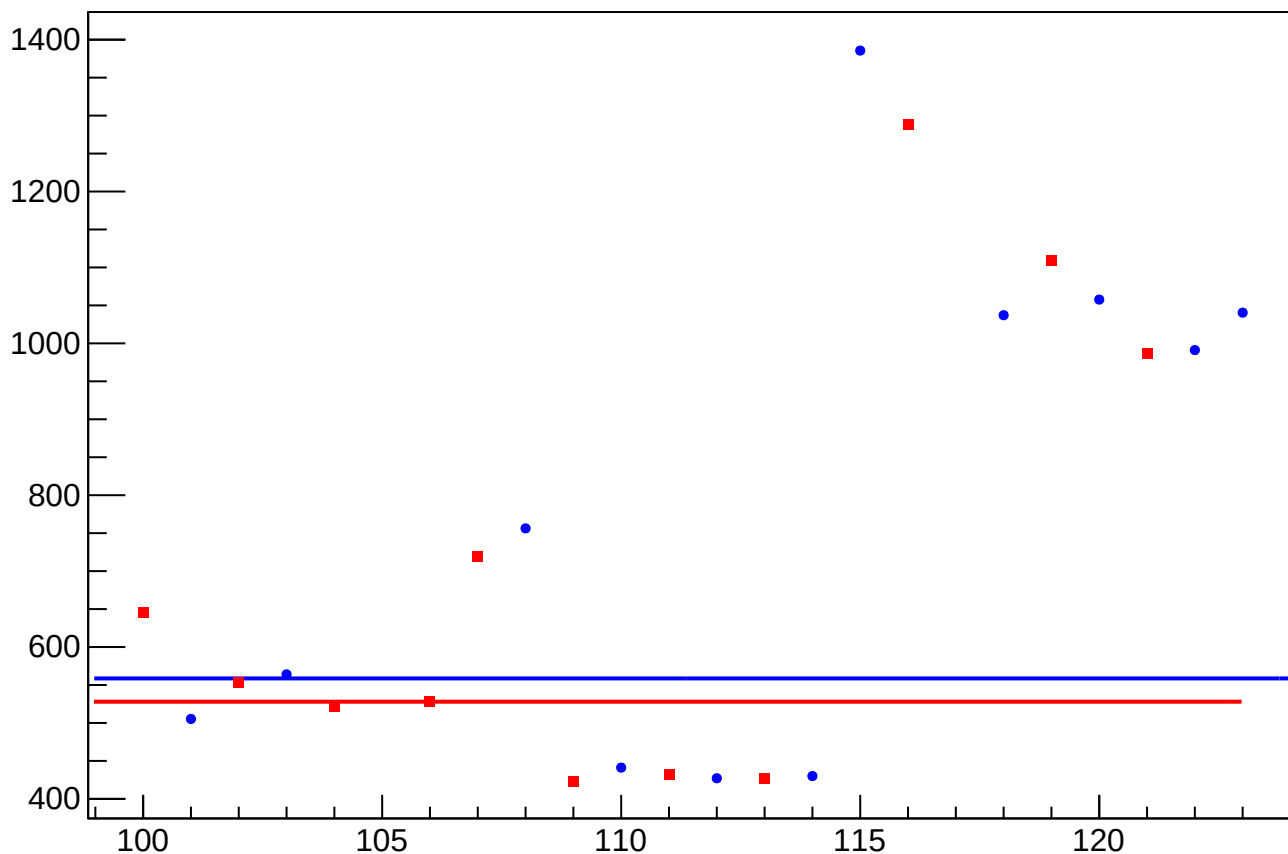
Right: 363.417+/-194.252 χ^2/NDF : 22.4/21

In: 143.578+/-291.025 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.417+/-194.252 χ^2/NDF : 22.4/21

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 558.656+/-0.206 χ^2/NDF : 904974.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 528.006+/-0.184 χ^2/NDF : 953350.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

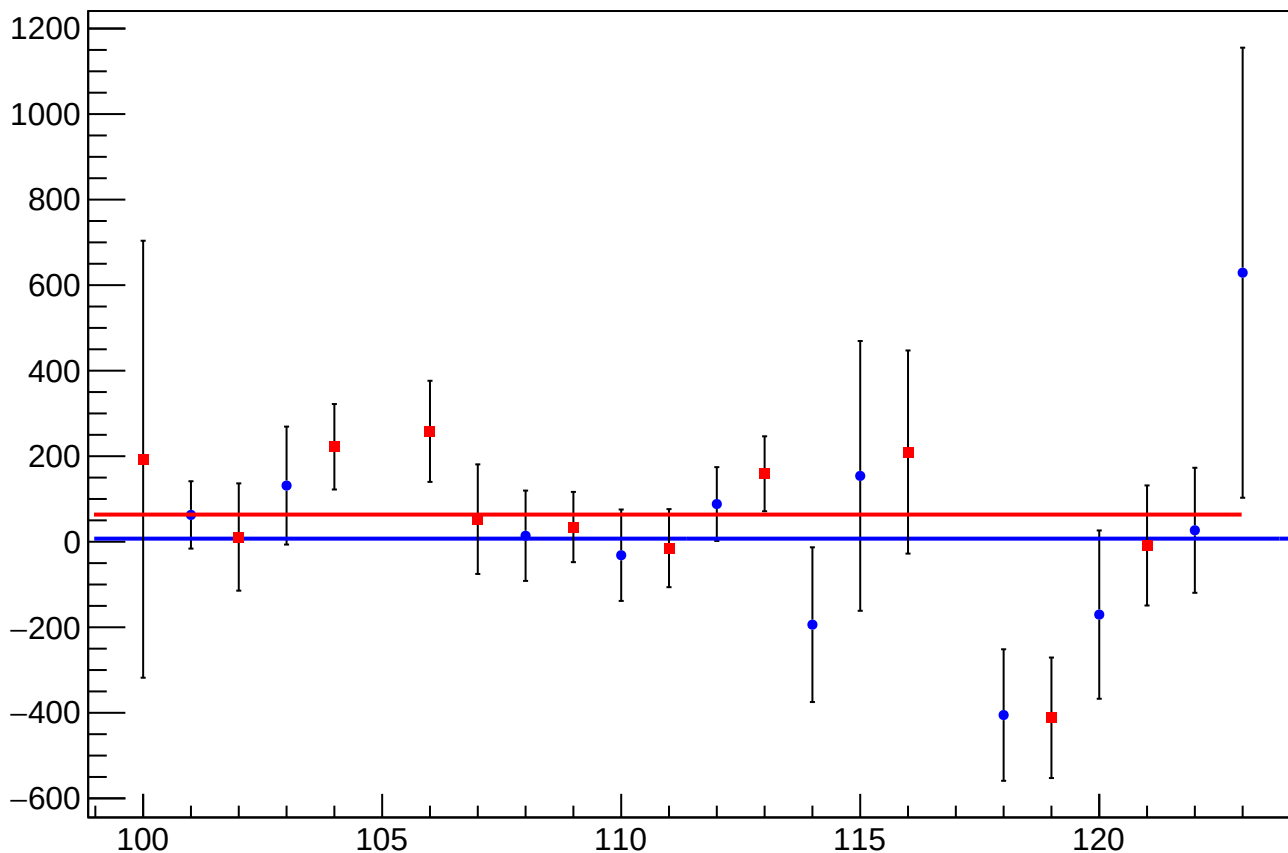
Right: 541.661+/-0.137 χ^2/NDF : 1870625.4/21

In: 558.656+/-0.206 χ^2/NDF : 904974.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.661+/-0.137 χ^2/NDF : 1870625.4/21

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 7.261+/-38.223 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.522+/-34.980 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

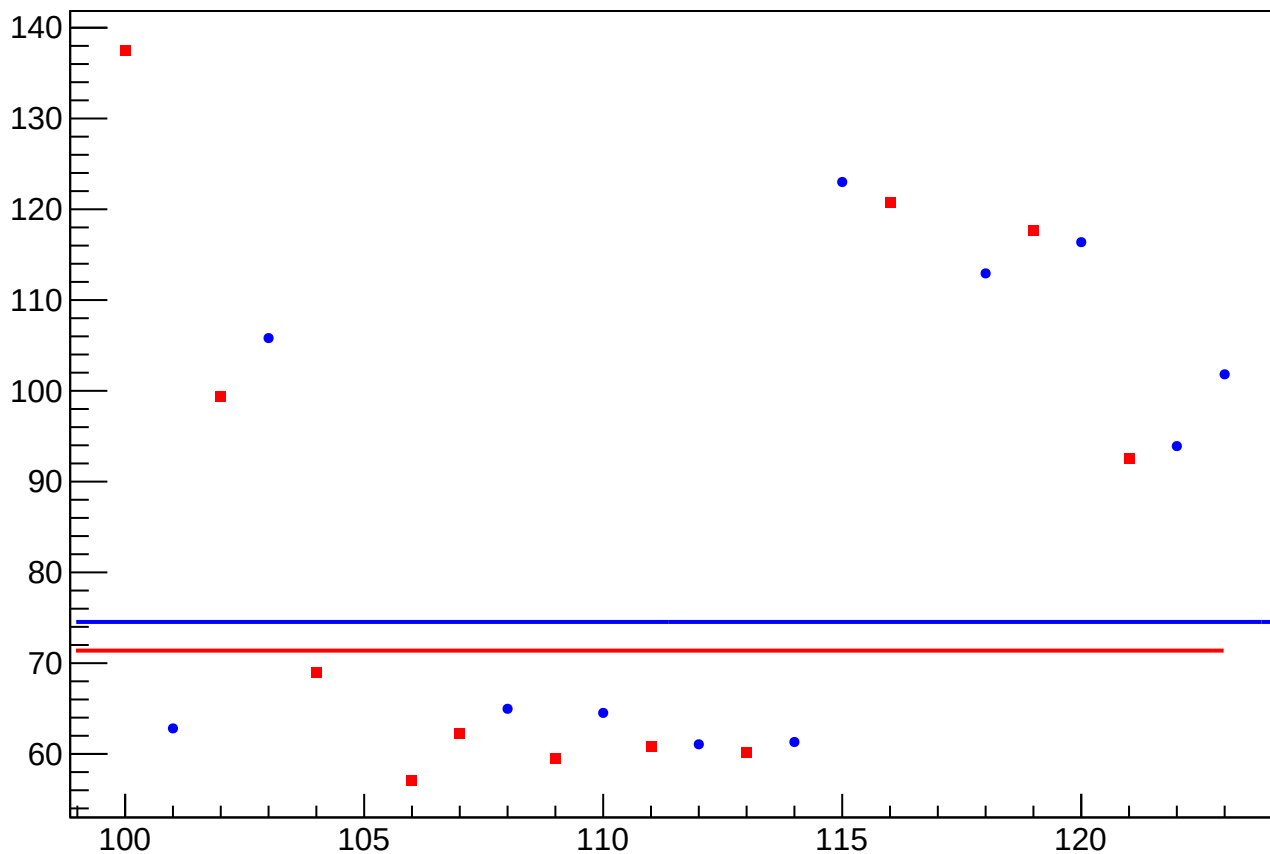
Right: 37.879+/-25.805 χ^2/NDF : 33.9/21

In: 7.261+/-38.223 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.879+/-25.805 χ^2/NDF : 33.9/21

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.541 $\pm$ 0.027 χ^2 /NDF: 543511.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.384 $\pm$ 0.025 χ^2 /NDF: 622718.3/10

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

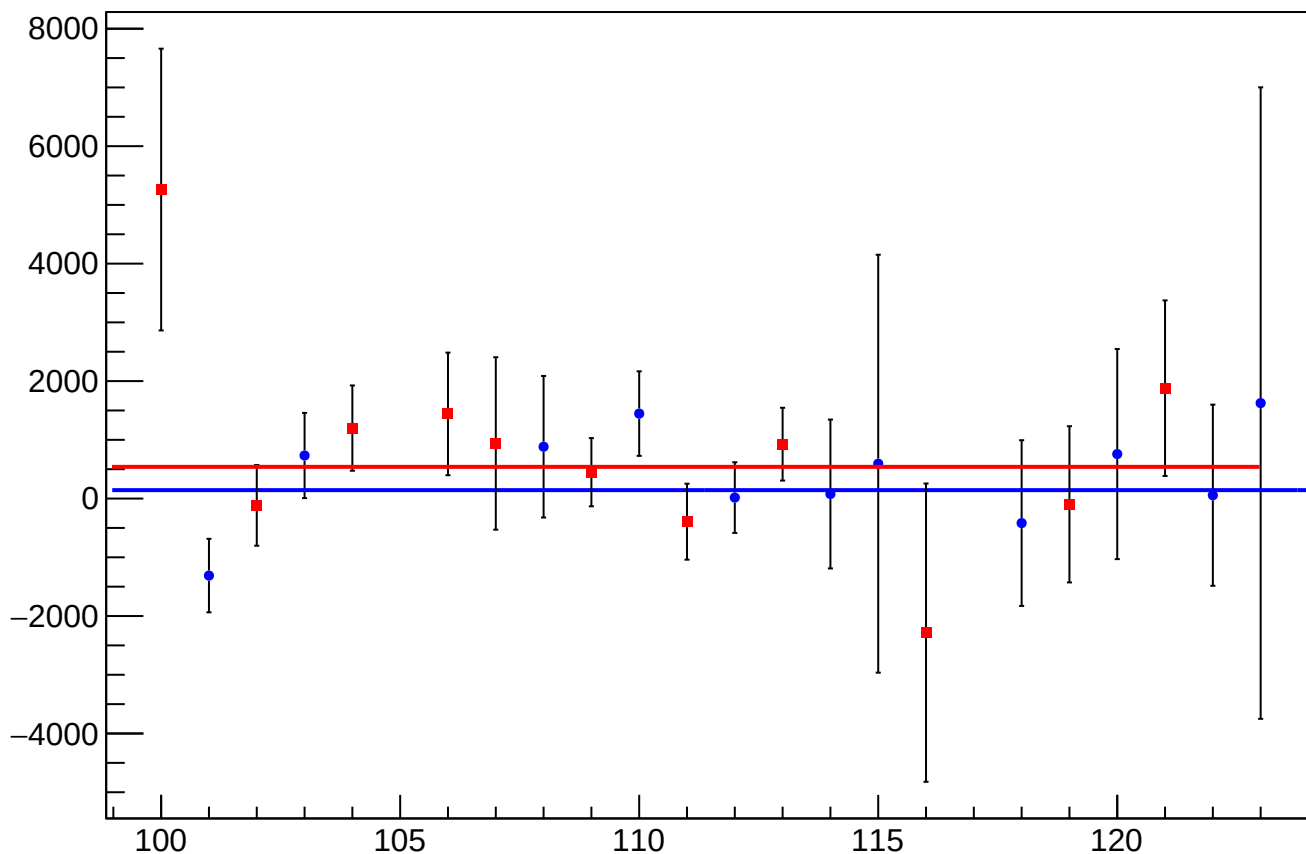
Right: 72.823 $\pm$ 0.018 χ^2 /NDF: 1173654.7/21

In: 74.541 $\pm$ 0.027 χ^2 /NDF:543511.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.823 $\pm$ 0.018 χ^2 /NDF: 1173654.7/21

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.578+/-291.025 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.056+/-260.869 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

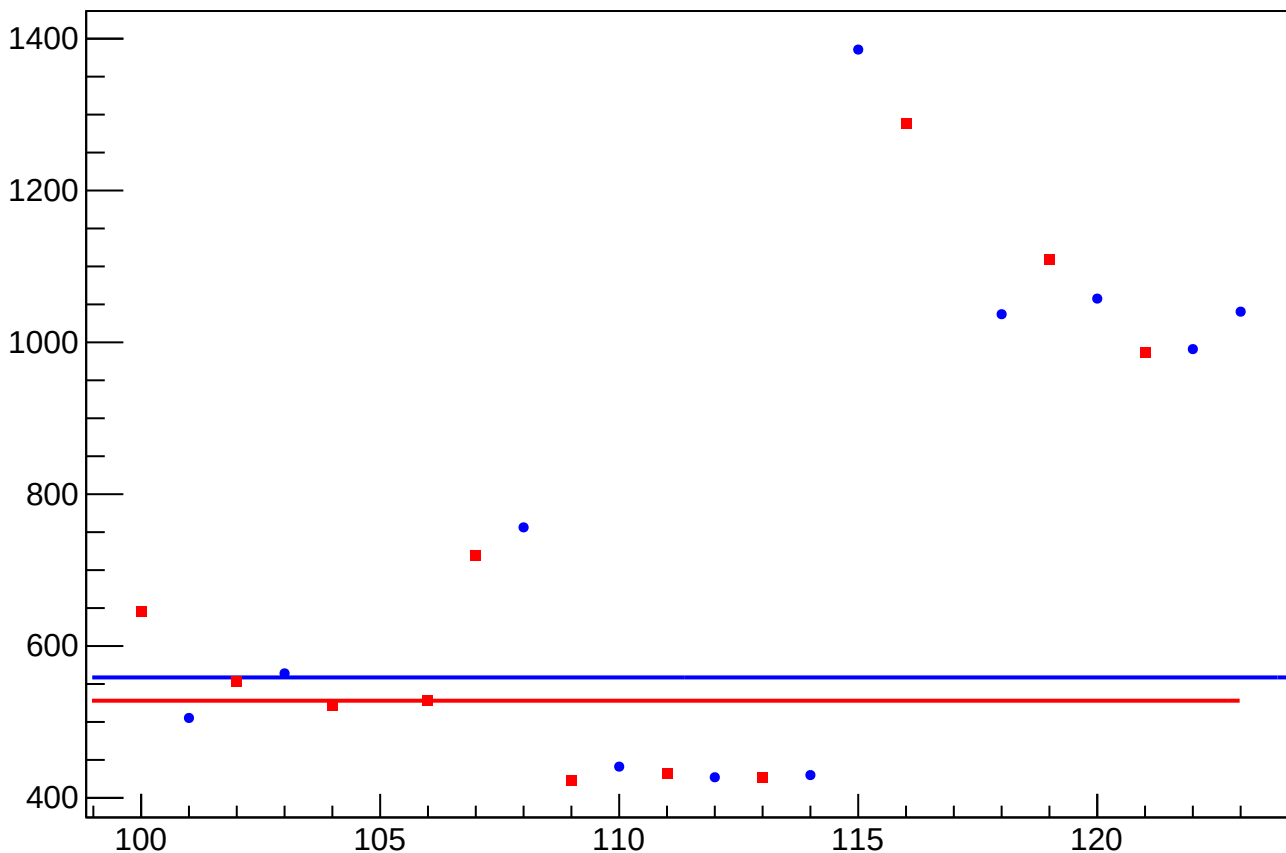
Right: 363.417+/-194.252 χ^2/NDF : 22.4/21

In: 143.578+/-291.025 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.417+/-194.252 χ^2/NDF : 22.4/21

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 558.656+/-0.206 χ^2/NDF : 904974.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 528.006+/-0.184 χ^2/NDF : 953350.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

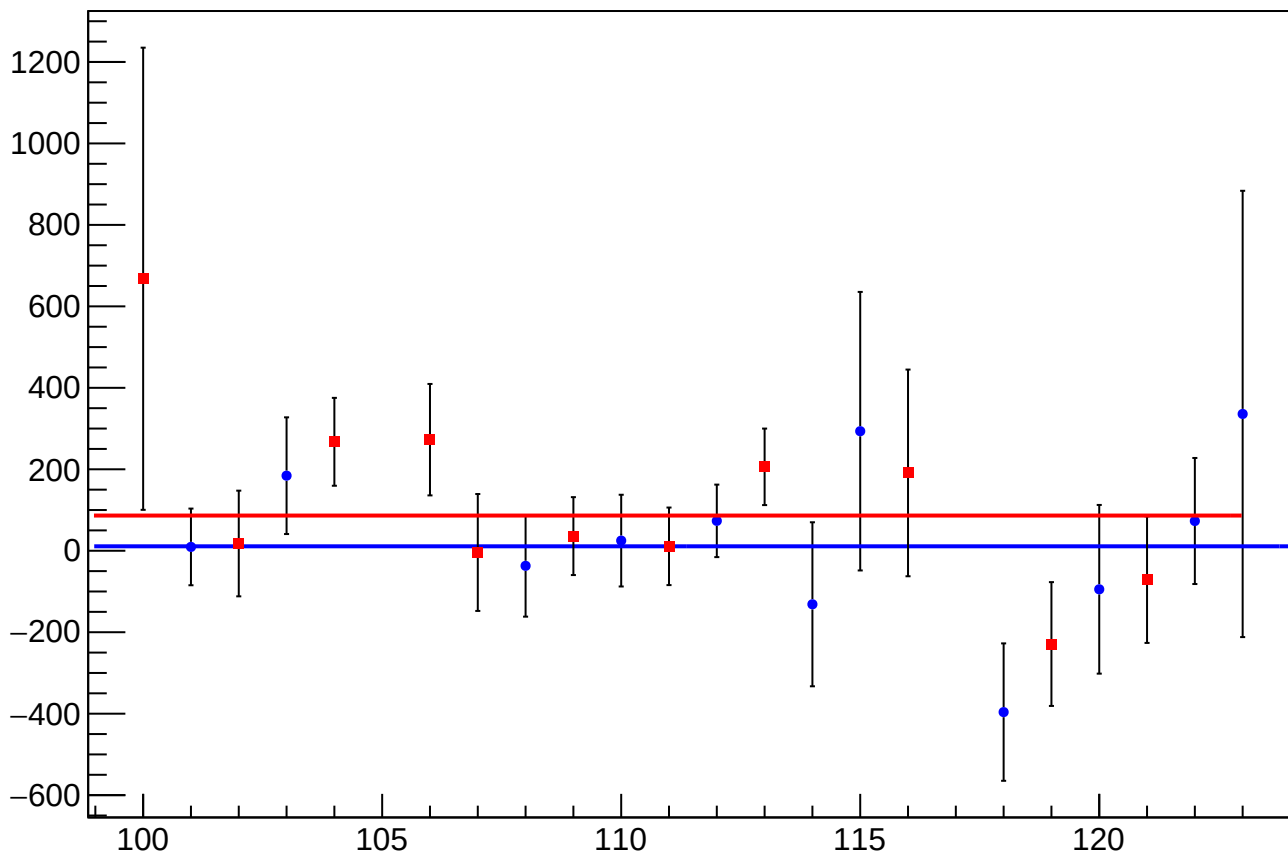
Right: 541.661+/-0.137 χ^2/NDF : 1870625.4/21

In: 558.656+/-0.206 χ^2/NDF : 904974.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.661+/-0.137 χ^2/NDF : 1870625.4/21

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 10.926+/-41.966 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.433+/-38.241 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

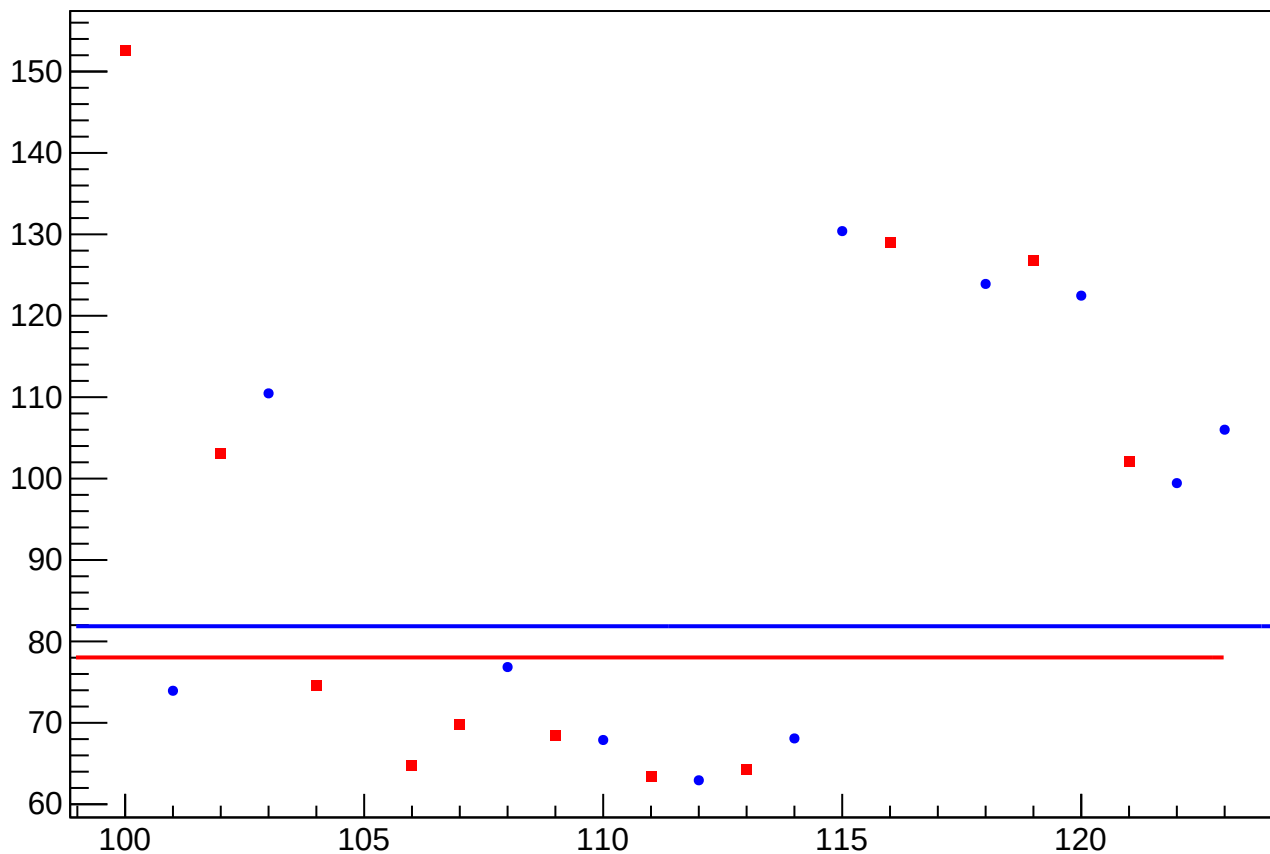
Right: 52.178+/-28.266 χ^2/NDF : 26.1/21

In: 10.926+/-41.966 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.178+/-28.266 χ^2/NDF : 26.1/21

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.865+/-0.030 χ^2/NDF : 498899.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.031+/-0.027 χ^2/NDF : 580645.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

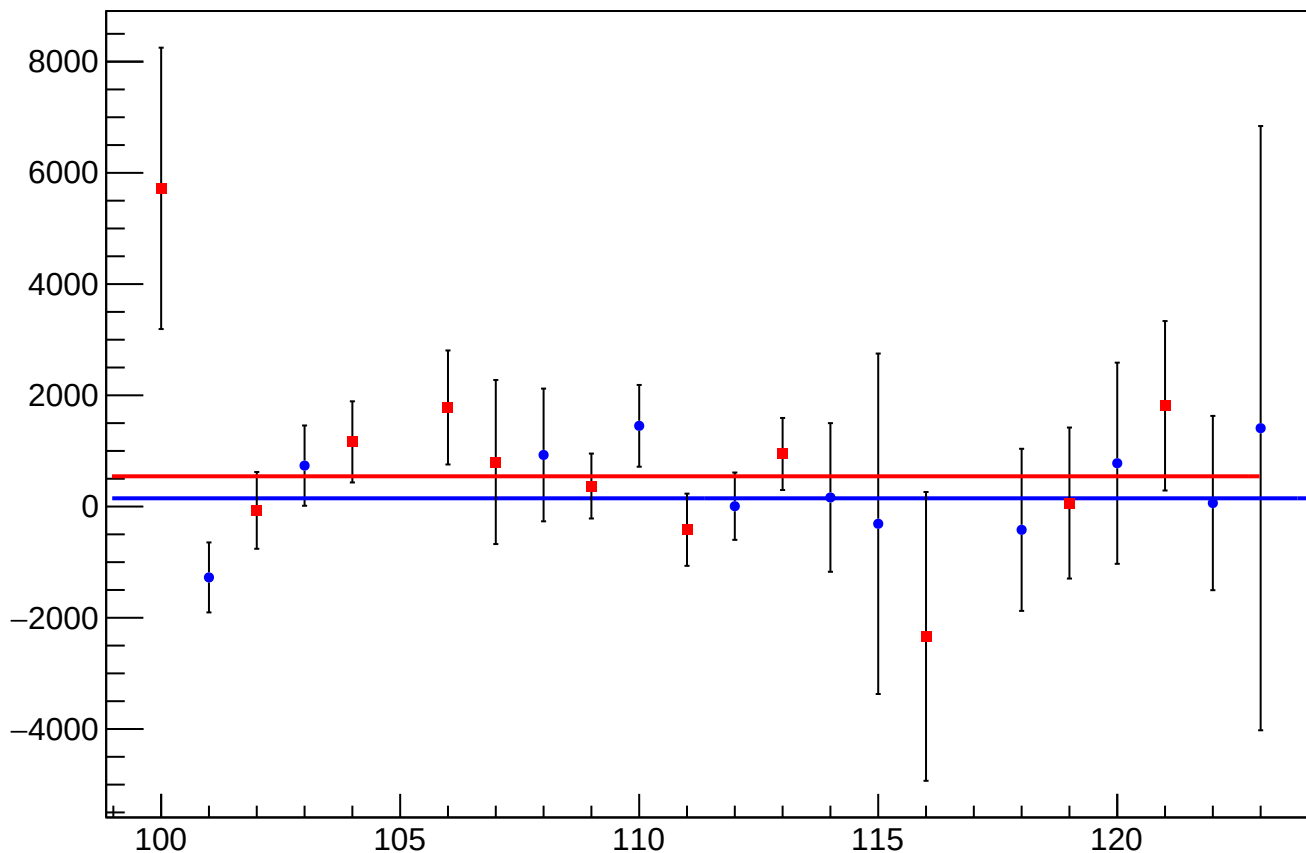
Right: 79.770+/-0.020 χ^2/NDF : 1088665.5/21

In: 81.865+/-0.030 χ^2/NDF : 498899.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.770+/-0.020 χ^2/NDF : 1088665.5/21

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 148.284+/-293.479 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.888+/-263.891 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

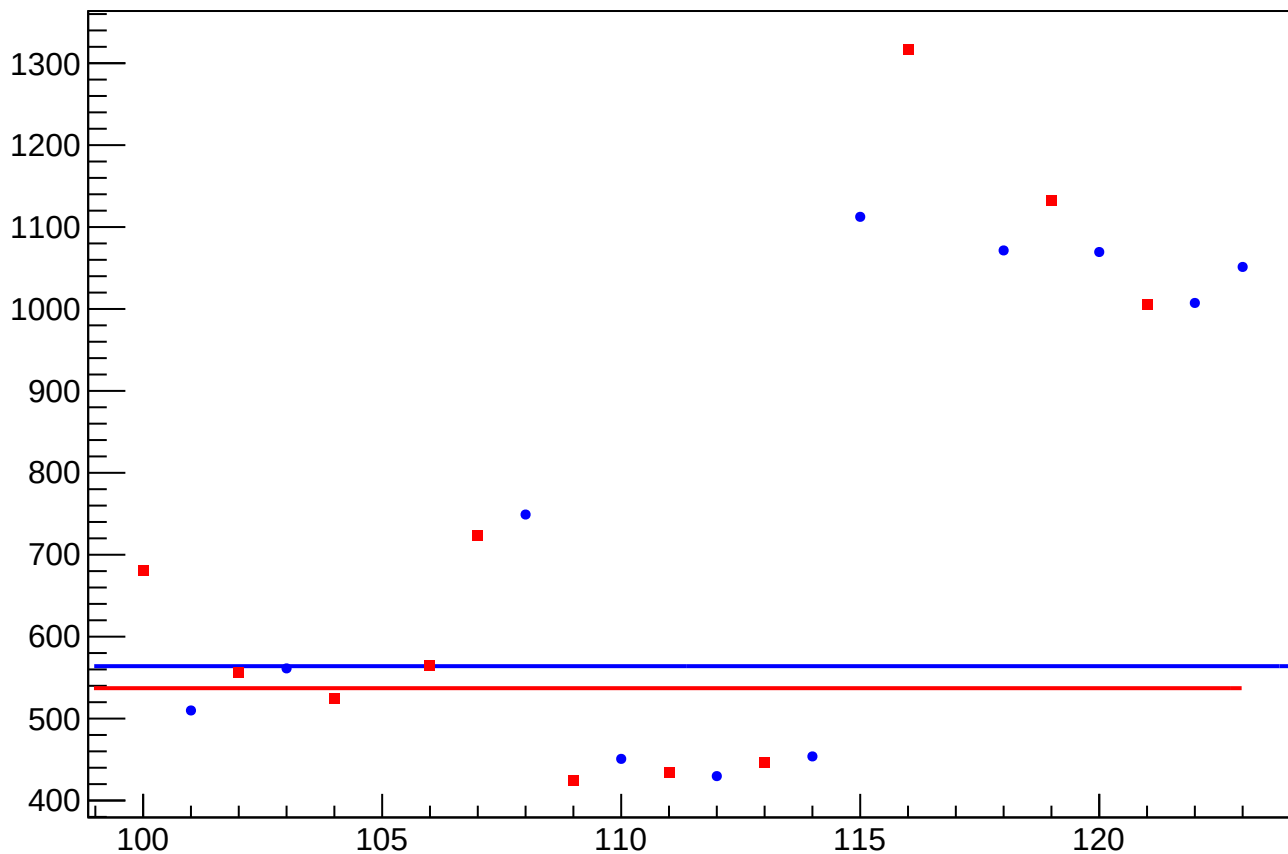
Right: 367.028+/-196.228 χ^2/NDF : 22.7/21

In: 148.284+/-293.479 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.028+/-196.228 χ^2/NDF : 22.7/21

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.987+/-0.208 χ^2/NDF : 861370.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.116+/-0.187 χ^2/NDF : 959354.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

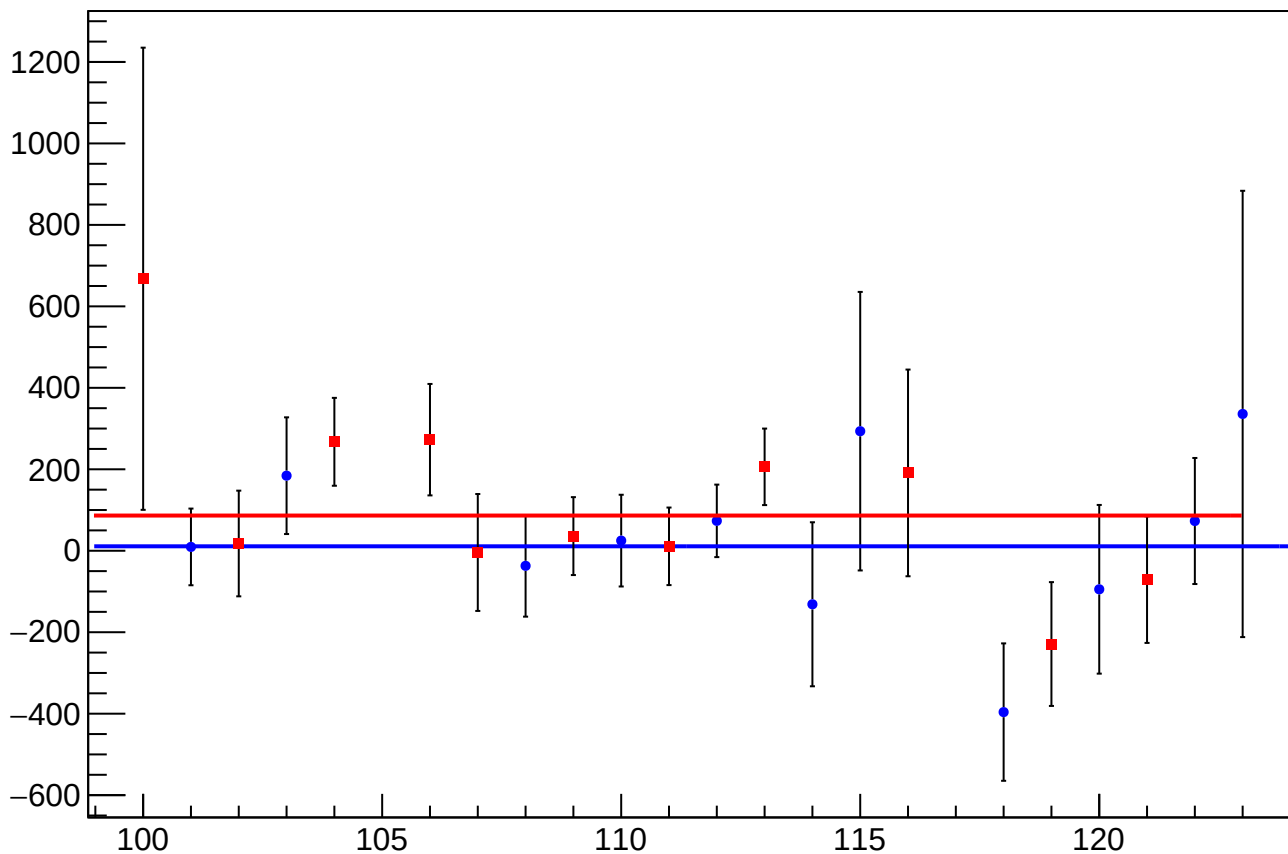
Right: 549.129+/-0.139 χ^2/NDF : 1829995.7/21

In: 563.987+/-0.208 χ^2/NDF : 861370.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.129+/-0.139 χ^2/NDF : 1829995.7/21

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 10.926+/-41.966 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.433+/-38.241 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

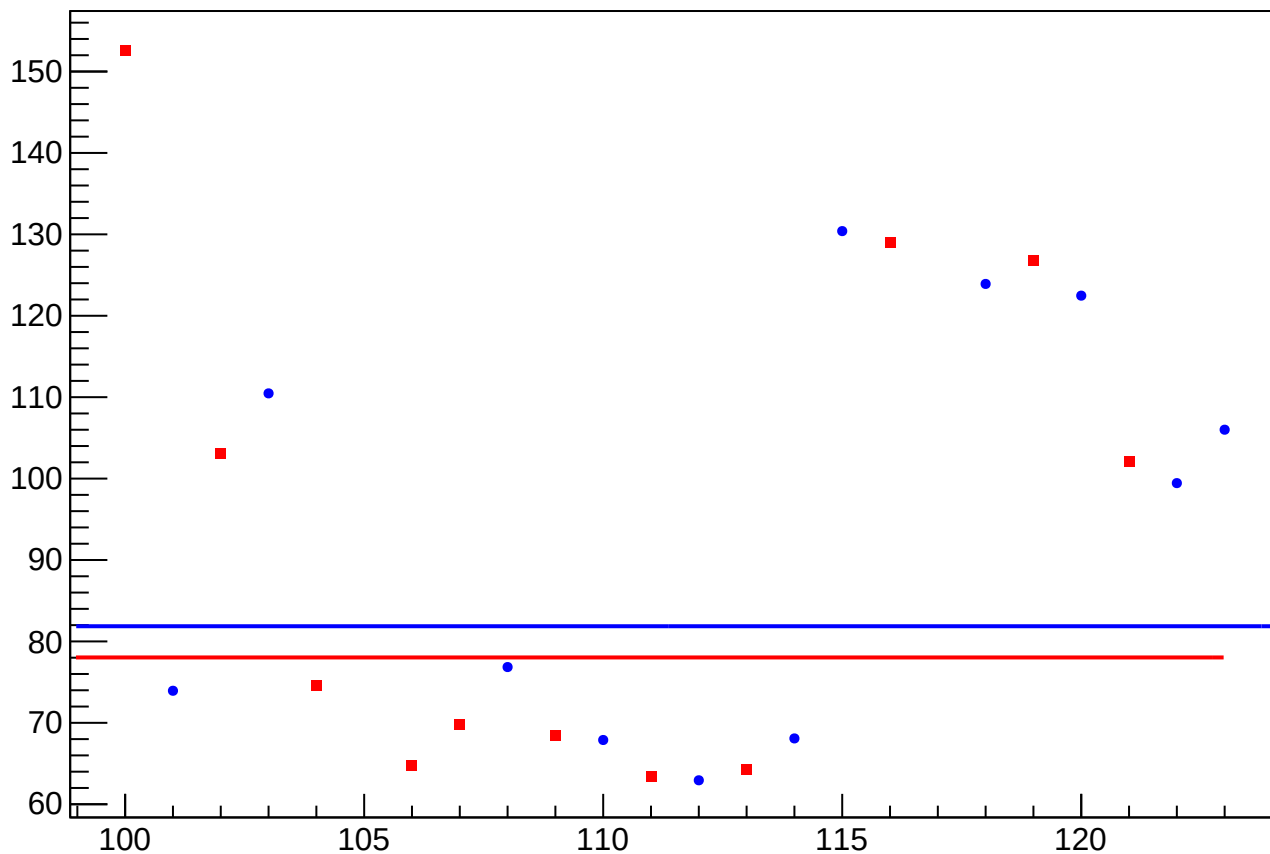
Right: 52.178+/-28.266 χ^2/NDF : 26.1/21

In: 10.926+/-41.966 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.178+/-28.266 χ^2/NDF : 26.1/21

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.865+/-0.030 χ^2/NDF : 498902.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.031+/-0.027 χ^2/NDF : 580646.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

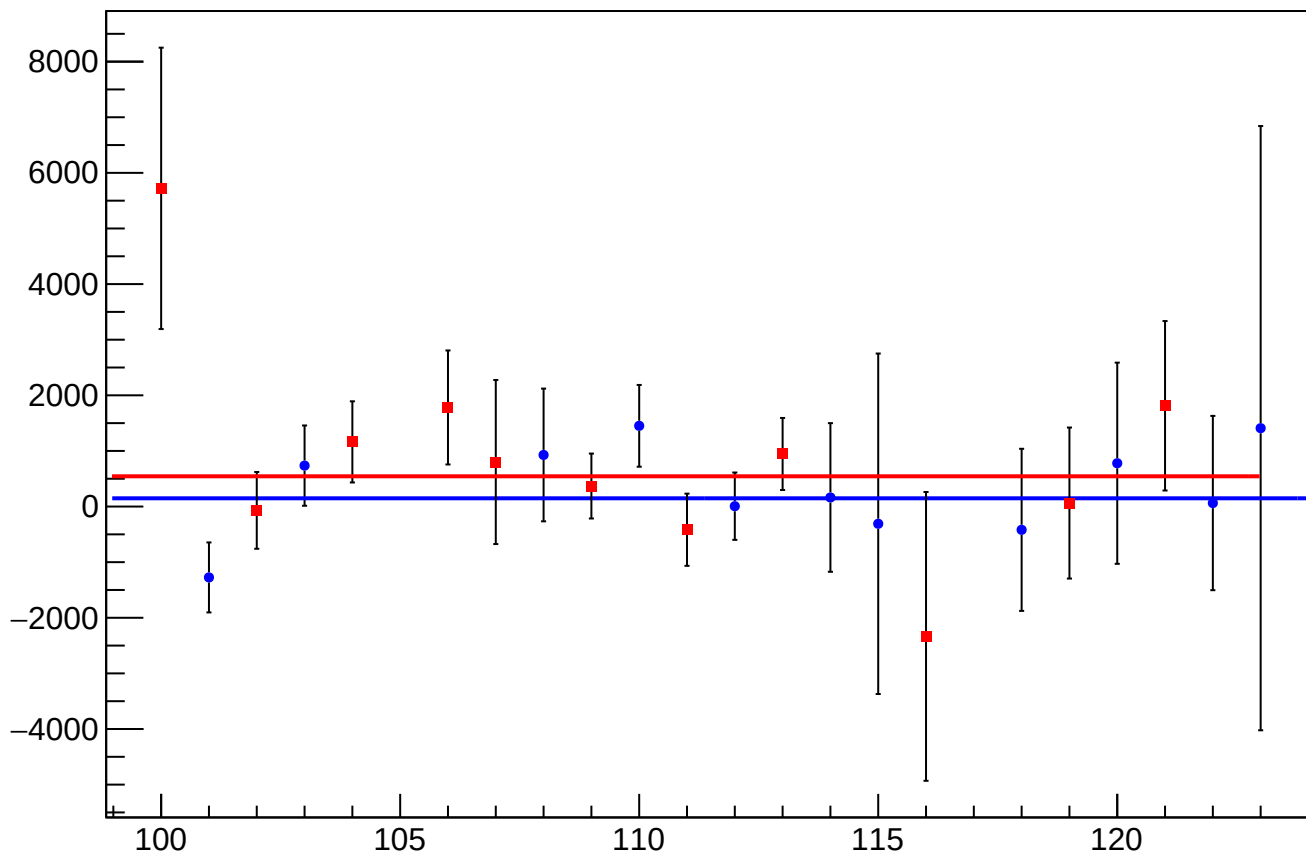
Right: 79.770+/-0.020 χ^2/NDF : 1088669.8/21

In: 81.865+/-0.030 χ^2/NDF : 498902.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.770+/-0.020 χ^2/NDF : 1088669.8/21

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 148.284+/-293.478 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.887+/-263.891 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

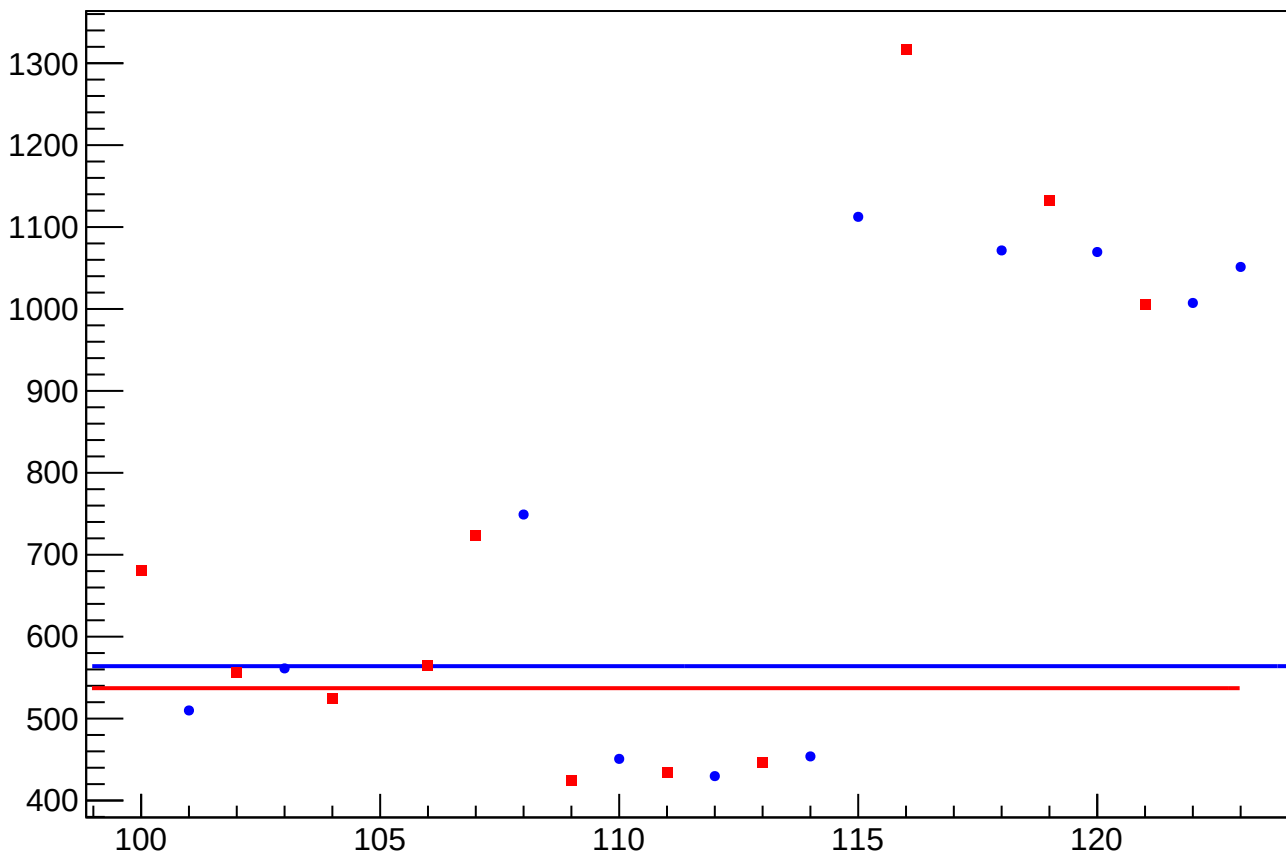
Right: 367.027+/-196.228 χ^2/NDF : 22.7/21

In: 148.284+/-293.478 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.027+/-196.228 χ^2/NDF : 22.7/21

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.986+/-0.208 χ^2/NDF : 861373.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.115+/-0.187 χ^2/NDF : 959357.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

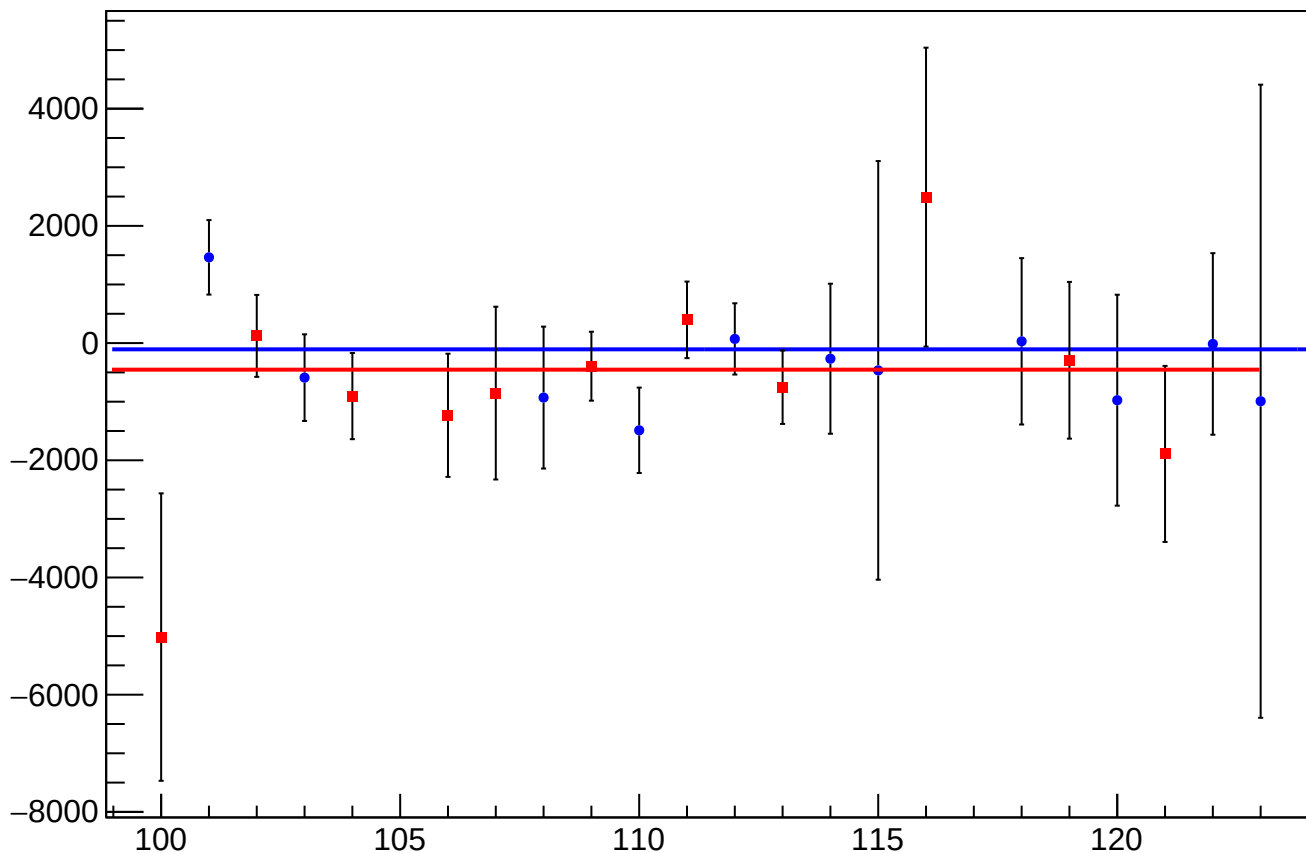
Right: 549.128+/-0.139 χ^2/NDF : 1830001.8/21

In: 563.986+/-0.208 χ^2/NDF : 861373.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.128+/-0.139 χ^2/NDF : 1830001.8/21

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -106.718 ± 294.626 $\chi^2/\text{NDF}: 11.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -453.499 ± 263.840 $\chi^2/\text{NDF}: 9.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

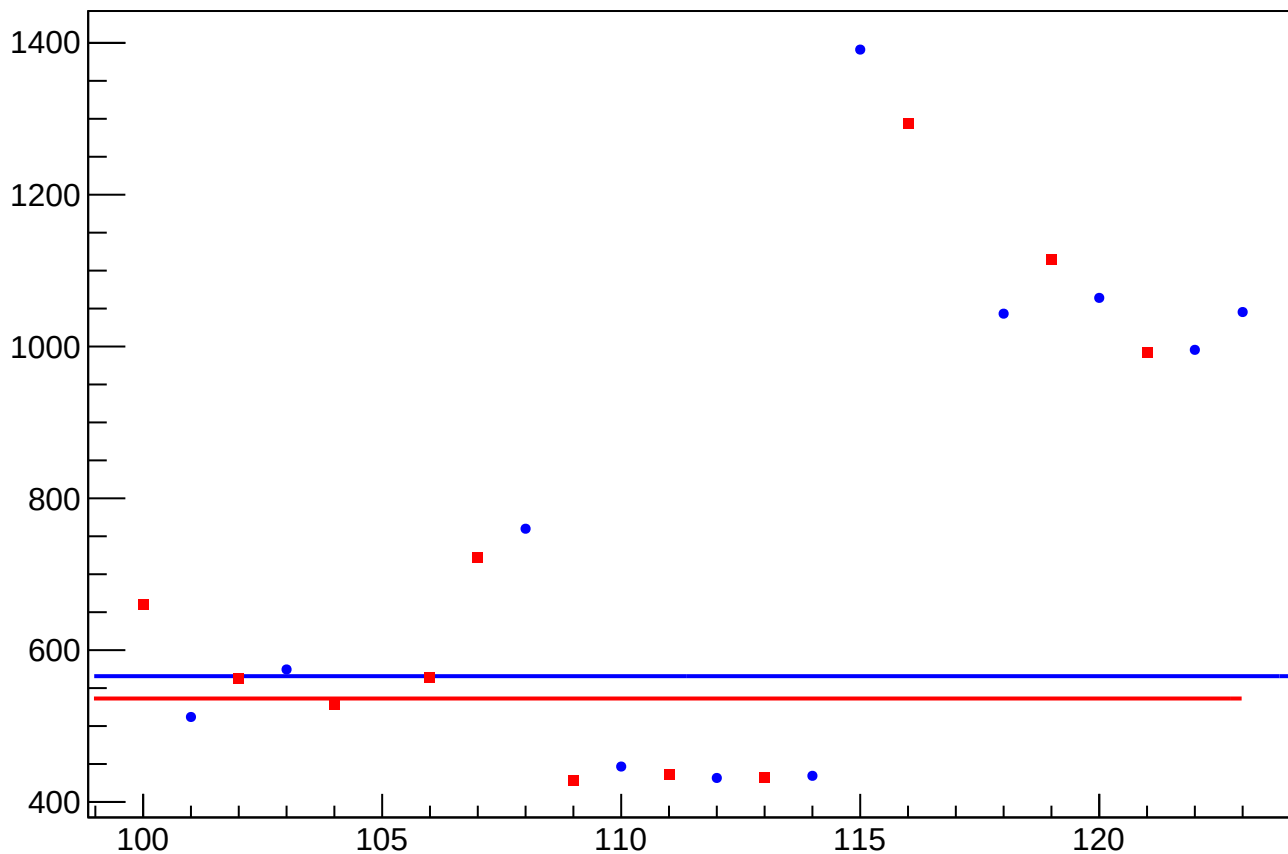
Right: -299.168 ± 196.549 $\chi^2/\text{NDF}: 21.1/21$

In: -106.718 ± 294.626 $\chi^2/\text{NDF}: 11.0/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -299.168 ± 196.549 $\chi^2/\text{NDF}: 21.1/21$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 565.716+/-0.208 χ^2/NDF : 894217.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.285+/-0.187 χ^2/NDF : 945930.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

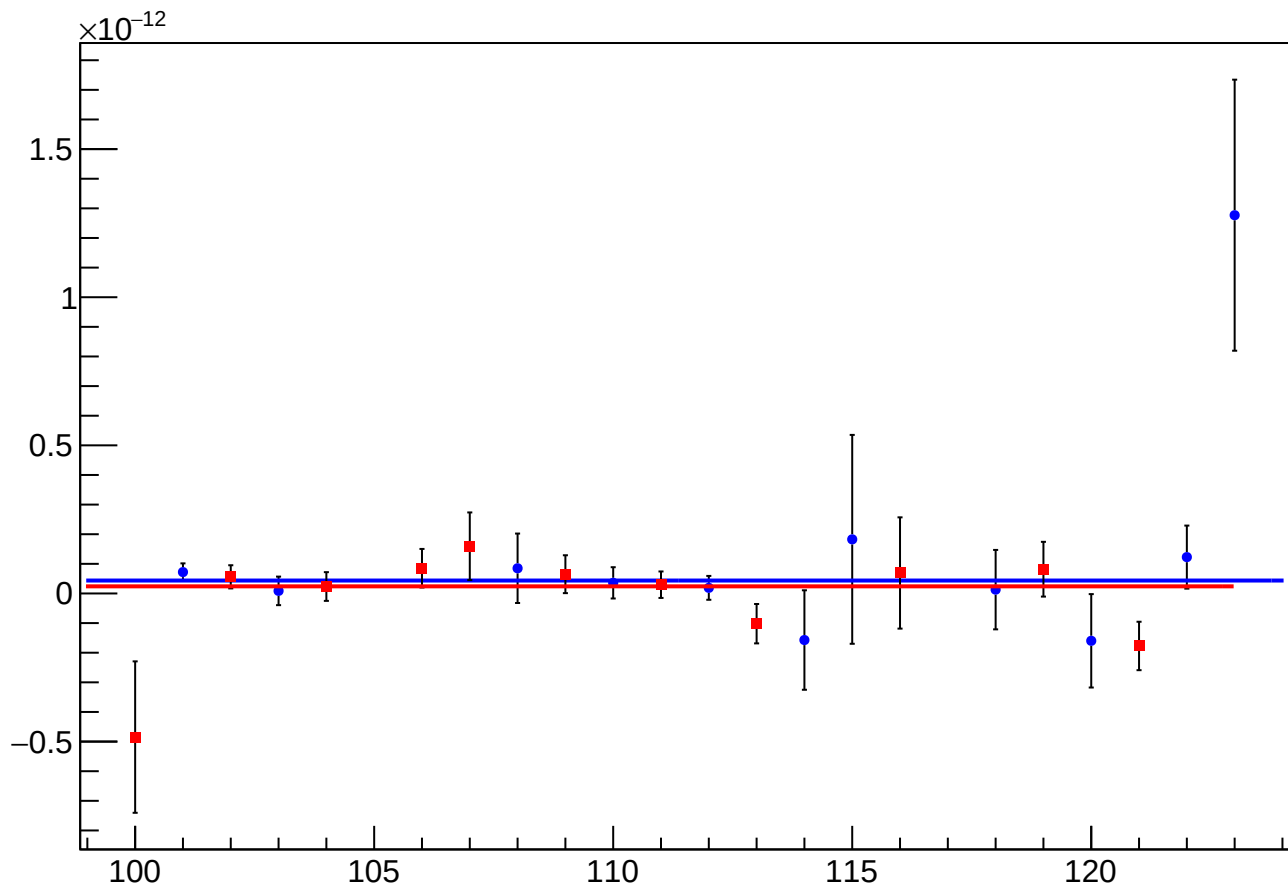
Right: 549.383+/-0.139 χ^2/NDF : 1851223.1/21

In: 565.716+/-0.208 χ^2/NDF : 894217.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.383+/-0.139 χ^2/NDF : 1851223.1/21

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/10

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

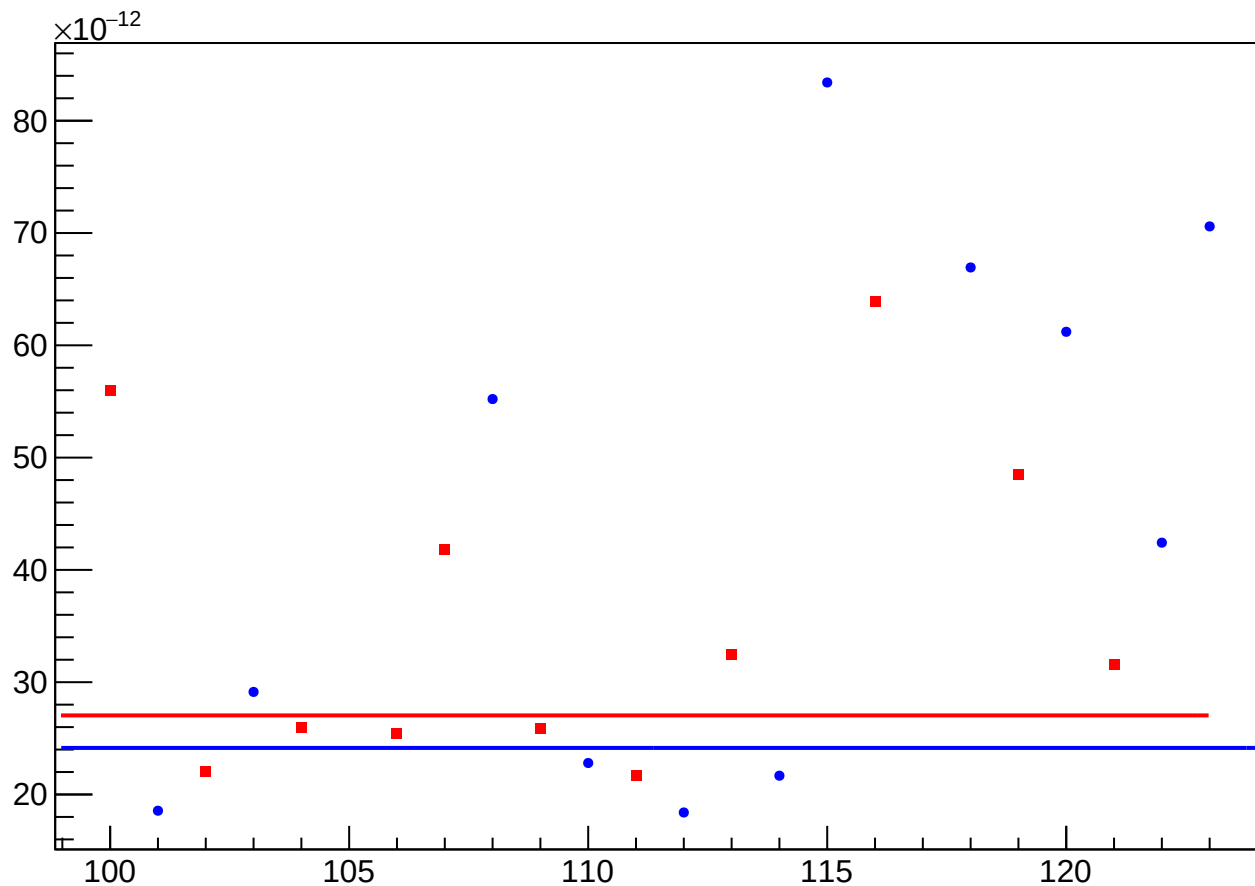
Right: 0.000+/-0.000 χ^2/NDF : 31.1/21

In: 0.000+/-0.000 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.1/21

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 727295.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 326431.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

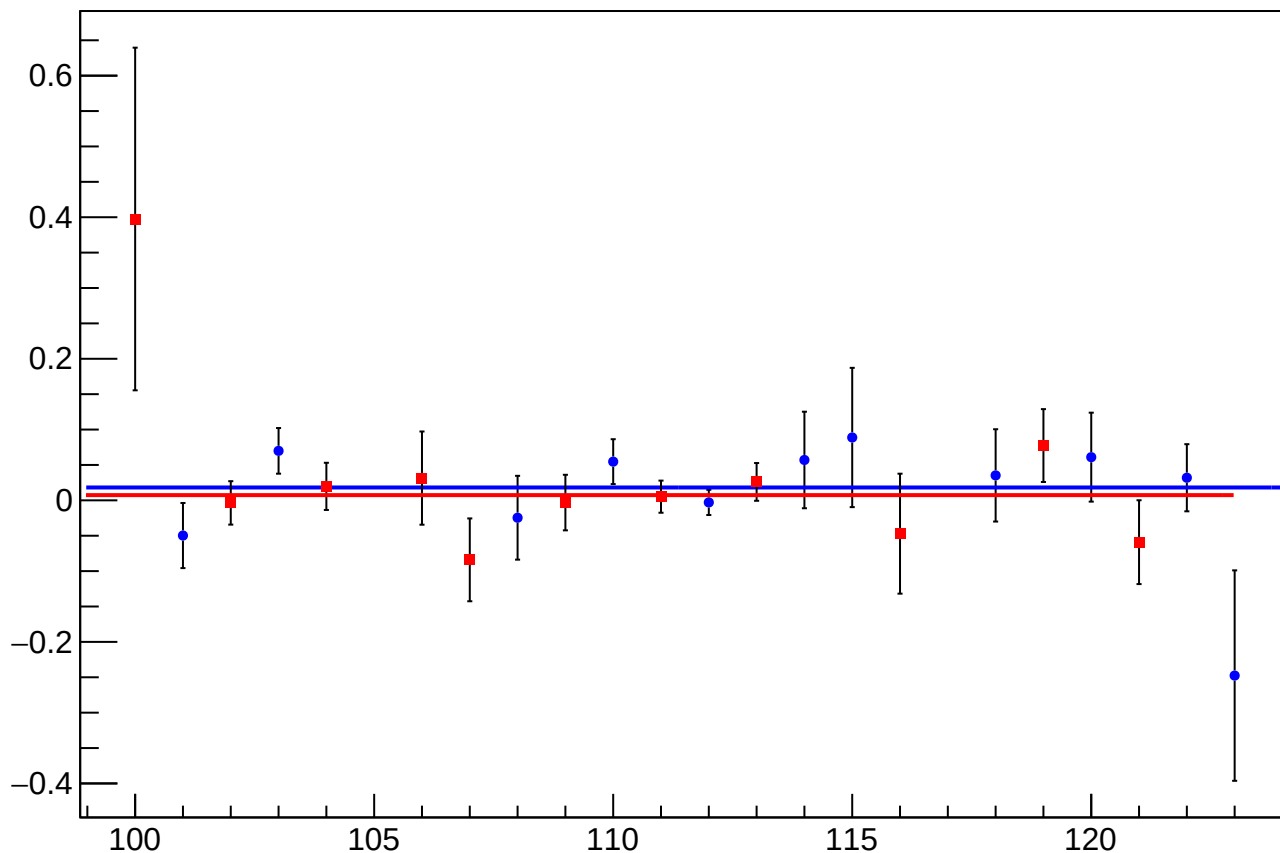
Right: 0.000+/-0.000 χ^2/NDF : 1076936.9/21

In: 0.000+/-0.000 χ^2/NDF : 727295.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1076936.9/21

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 12.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 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

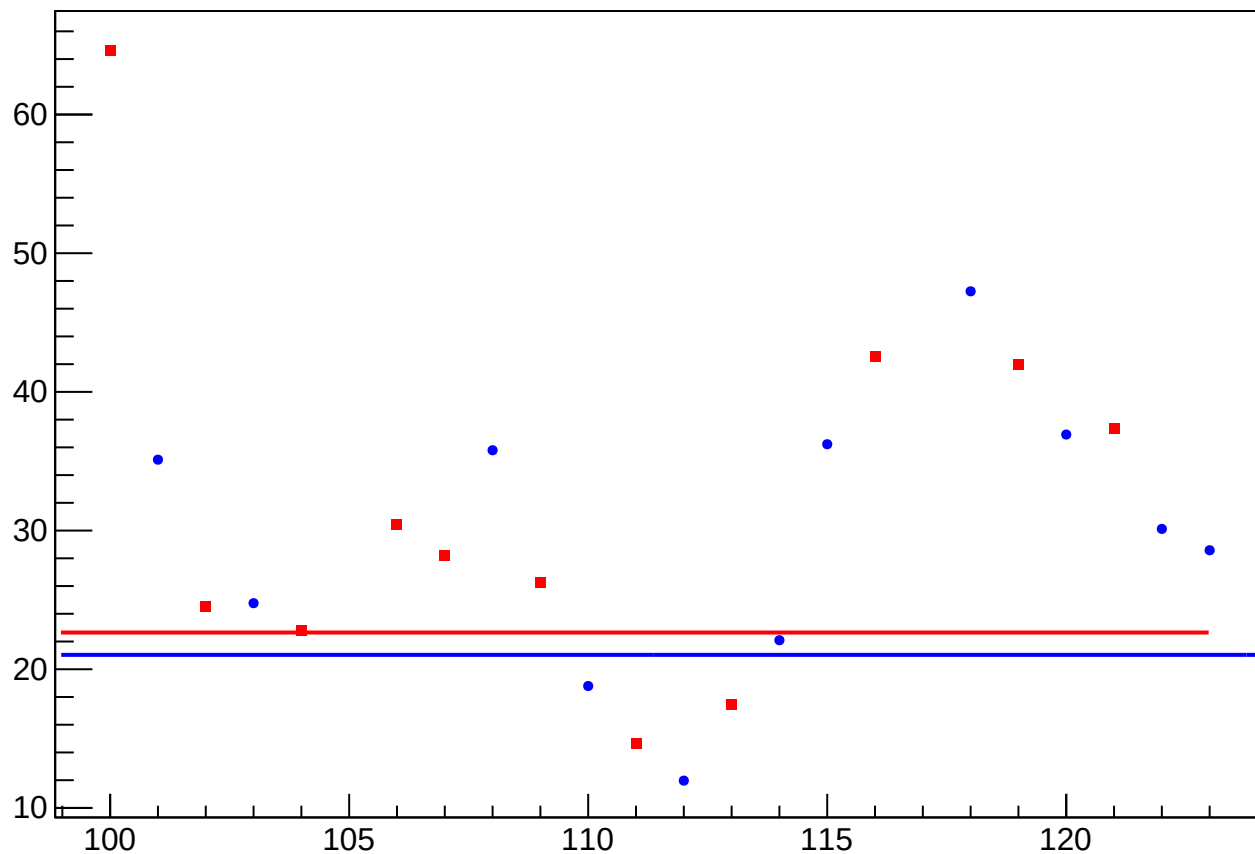
Right: 0.013+/-0.008 χ^2/NDF : 22.6/21

In: 0.018+/-0.012 χ^2/NDF : 12.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 22.6/21

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.038+/-0.008 χ^2/NDF : 1443850.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.649+/-0.008 χ^2/NDF : 973077.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

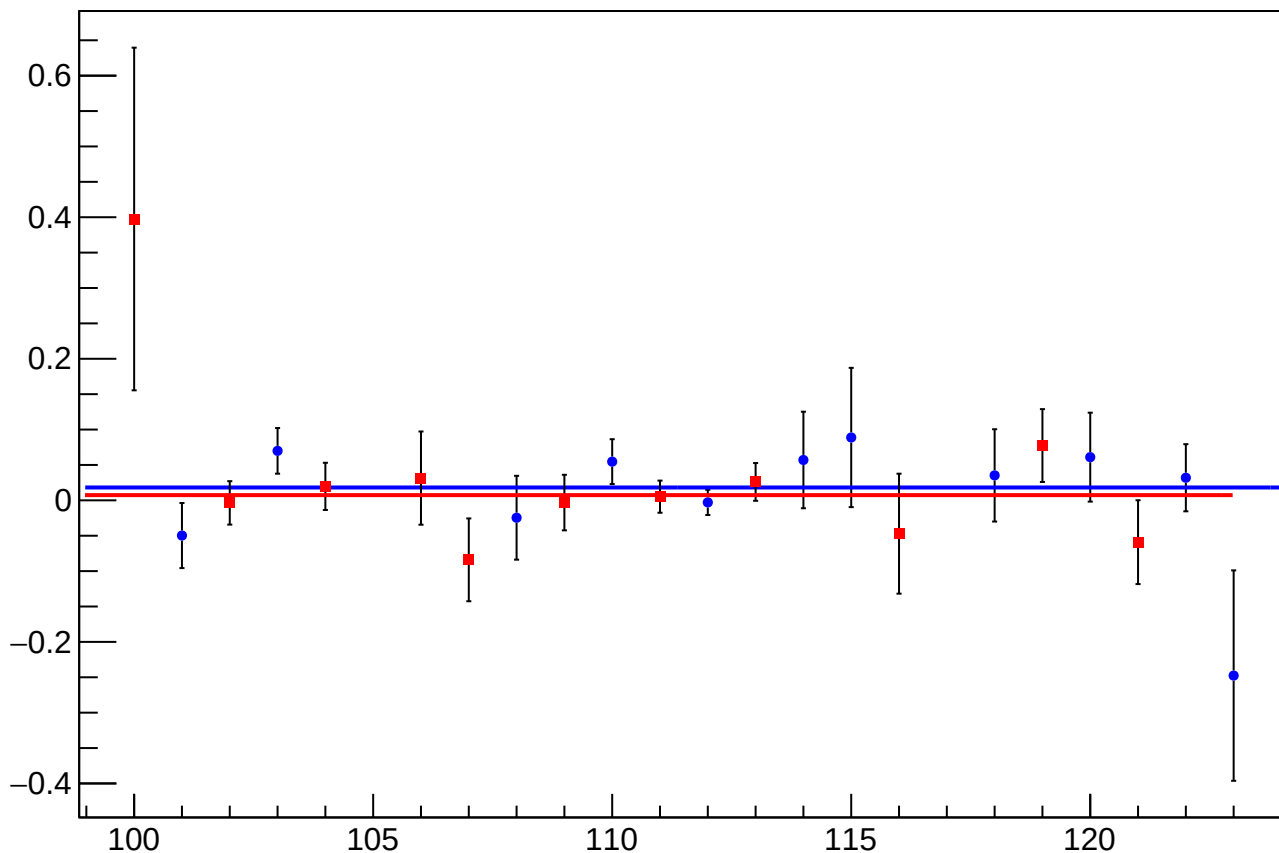
Right: 21.851+/-0.006 χ^2/NDF : 2435681.2/21

In: 21.038+/-0.008 χ^2/NDF :1443850.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.851+/-0.006 χ^2/NDF : 2435681.2/21

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 12.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 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

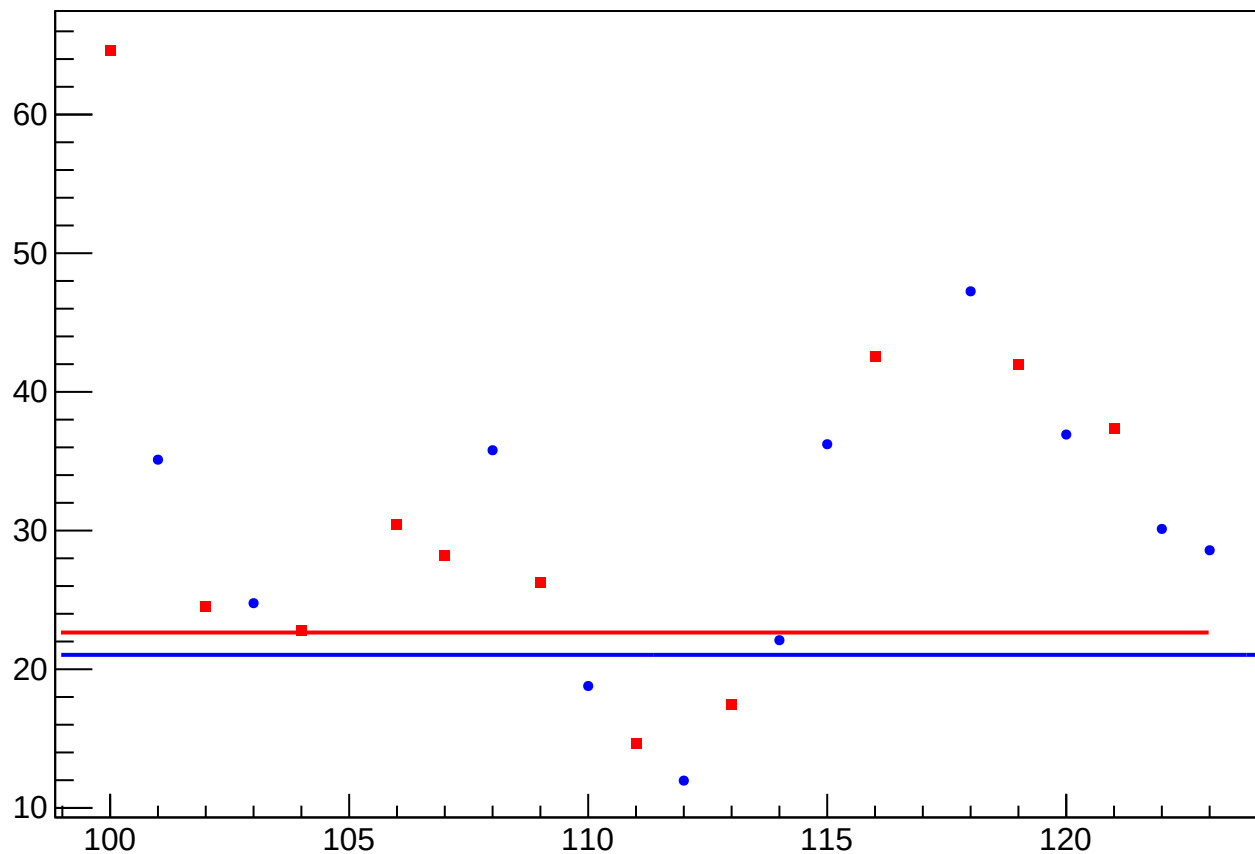
Right: 0.013+/-0.008 χ^2/NDF : 22.6/21

In: 0.018+/-0.012 χ^2/NDF : 12.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 22.6/21

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.038+/-0.008 χ^2/NDF : 1443850.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.649+/-0.008 χ^2/NDF : 973077.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

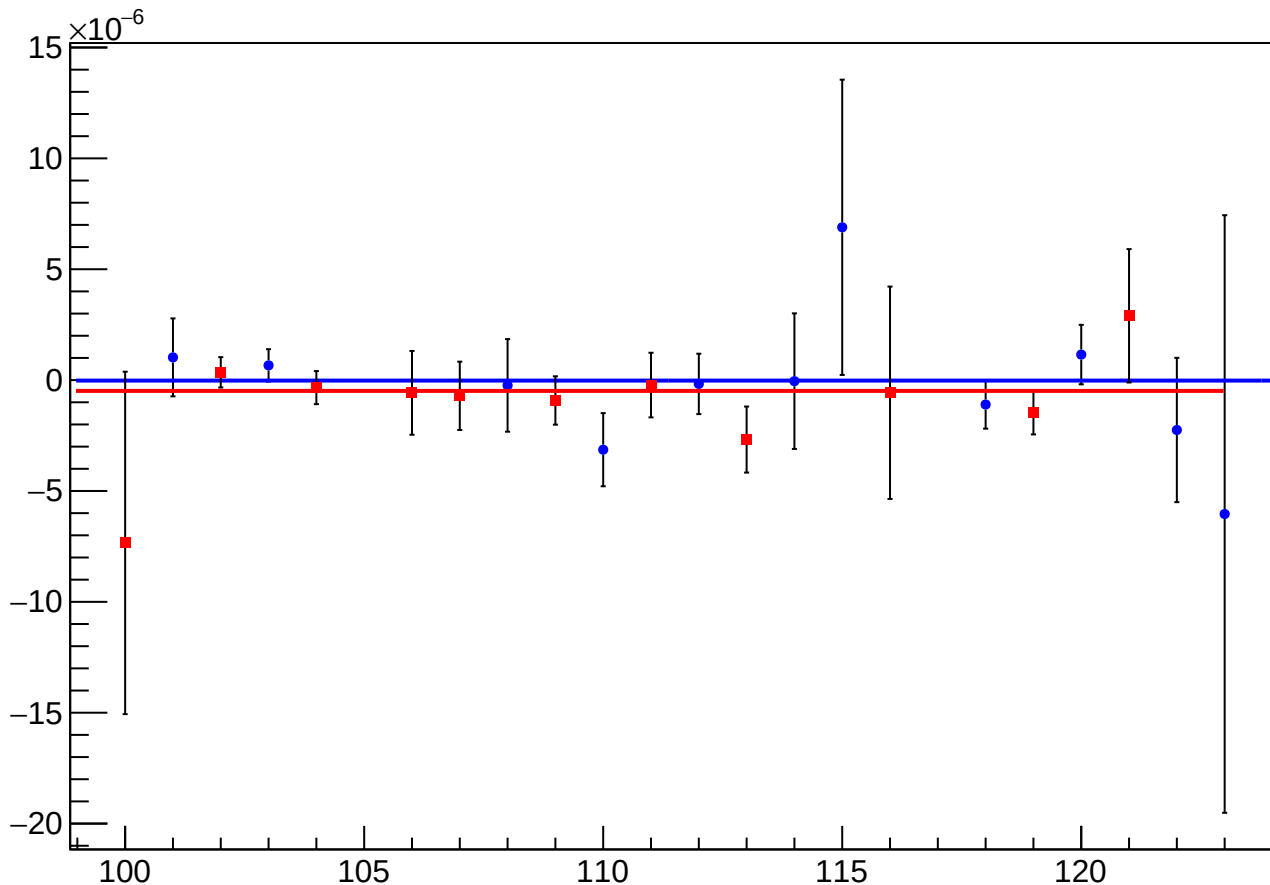
Right: 21.851+/-0.006 χ^2/NDF : 2435681.2/21

In: 21.038+/-0.008 χ^2/NDF :1443850.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.851+/-0.006 χ^2/NDF : 2435681.2/21

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

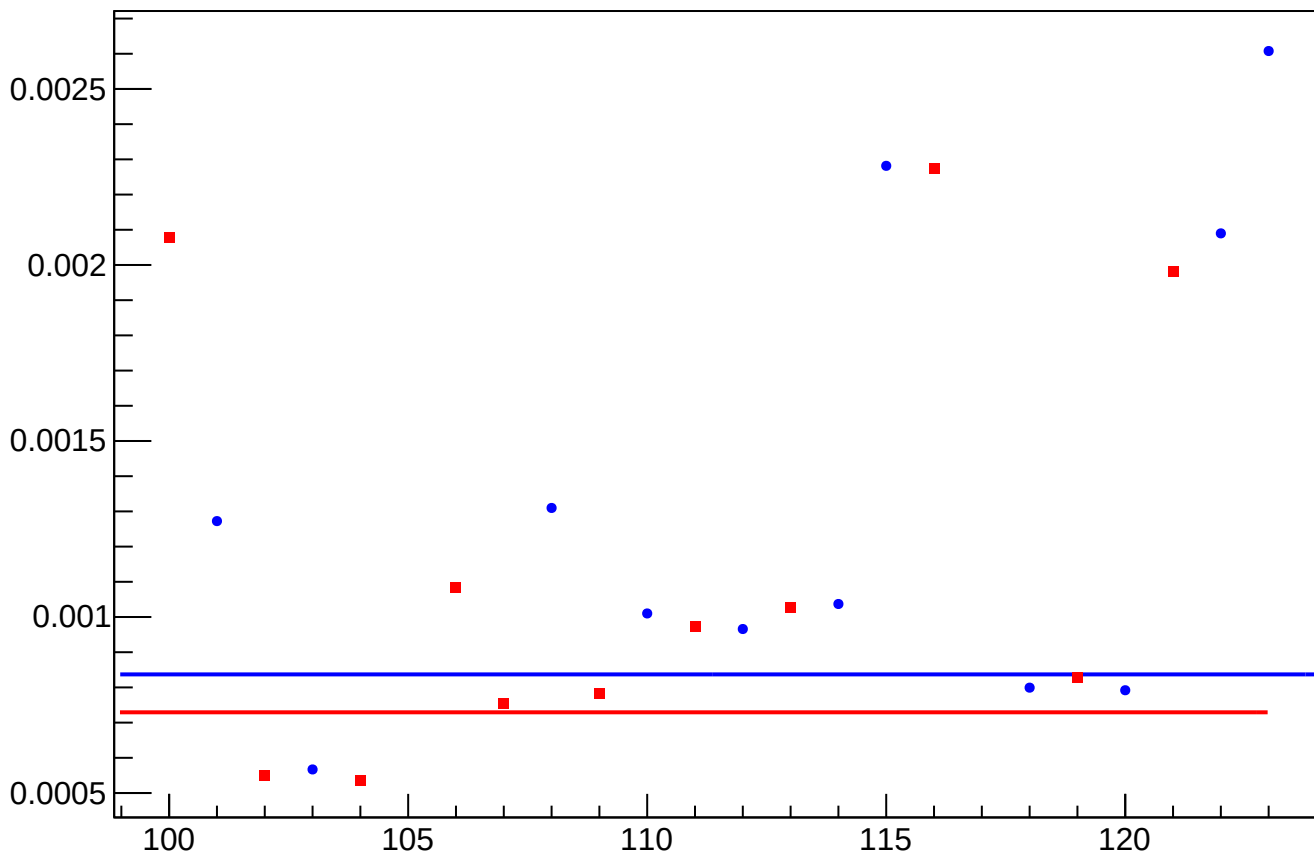
Right: -0.000+/-0.000 χ^2/NDF : 15.9/21

In: -0.000+/-0.000 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/21

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 977775.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1118588.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

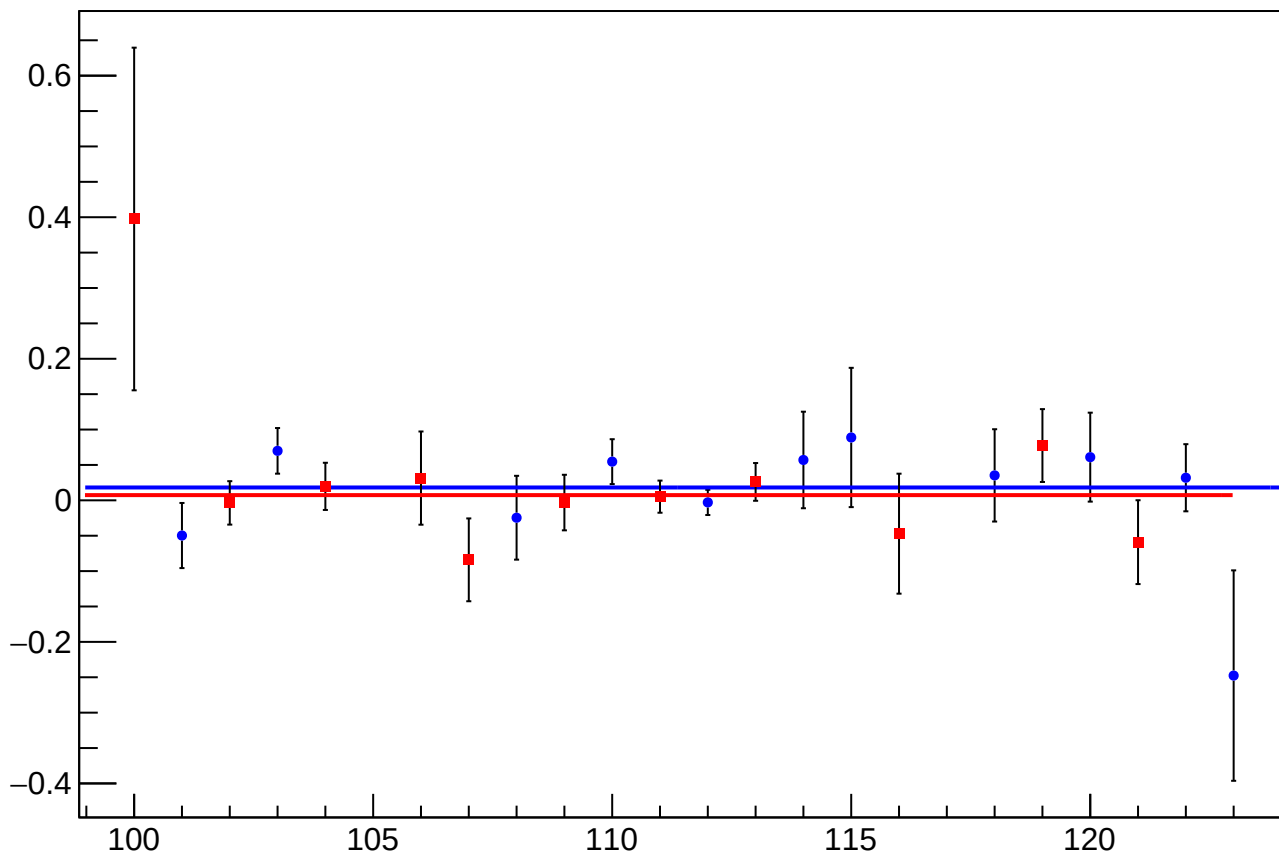
Right: 0.001+/-0.000 χ^2/NDF : 2165972.1/21

In: 0.001+/-0.000 χ^2/NDF : 977775.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2165972.1/21

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 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

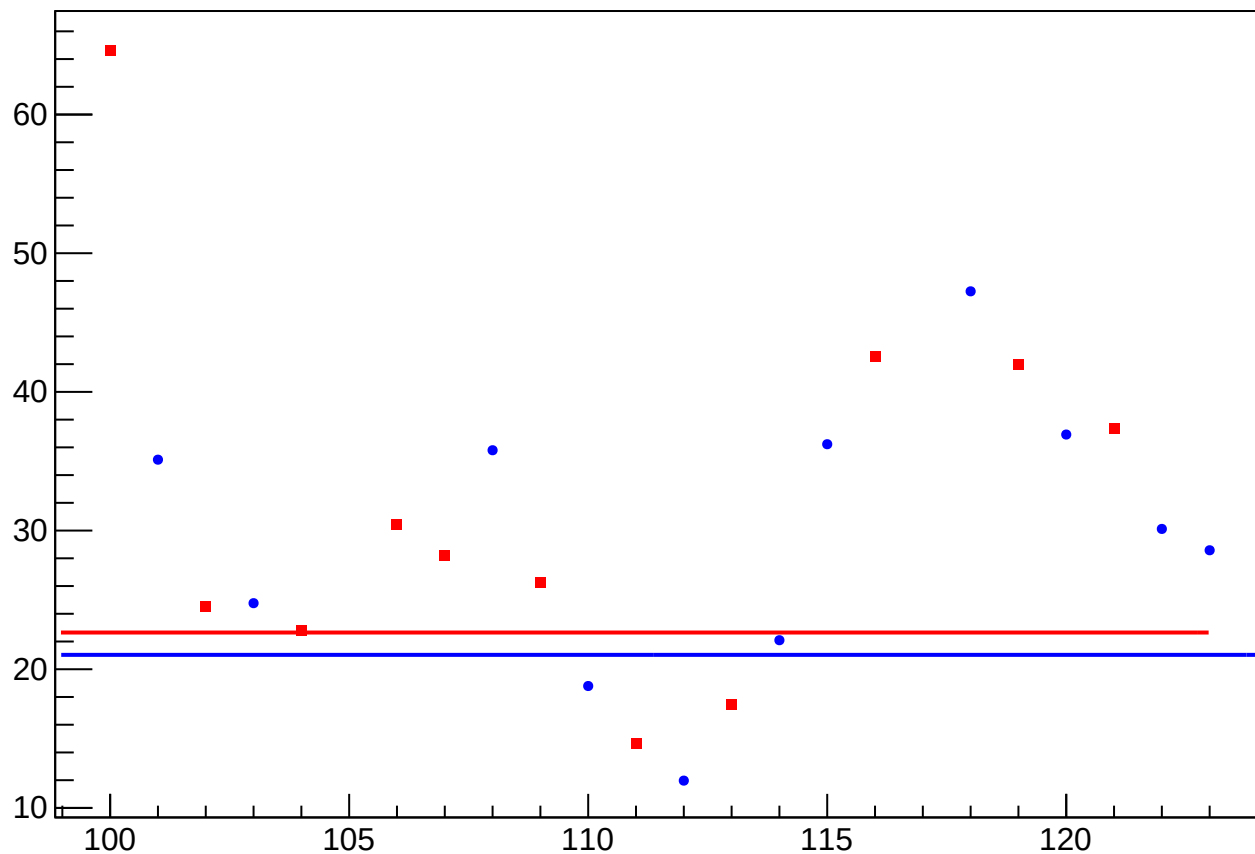
Right: 0.013 $\pm$ 0.008 χ^2 /NDF: 22.6/21

In: 0.018 $\pm$ 0.012 χ^2 /NDF:12.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.008 χ^2 /NDF: 22.6/21

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.038+/-0.008 χ^2/NDF : 1443968.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.648+/-0.008 χ^2/NDF : 973168.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

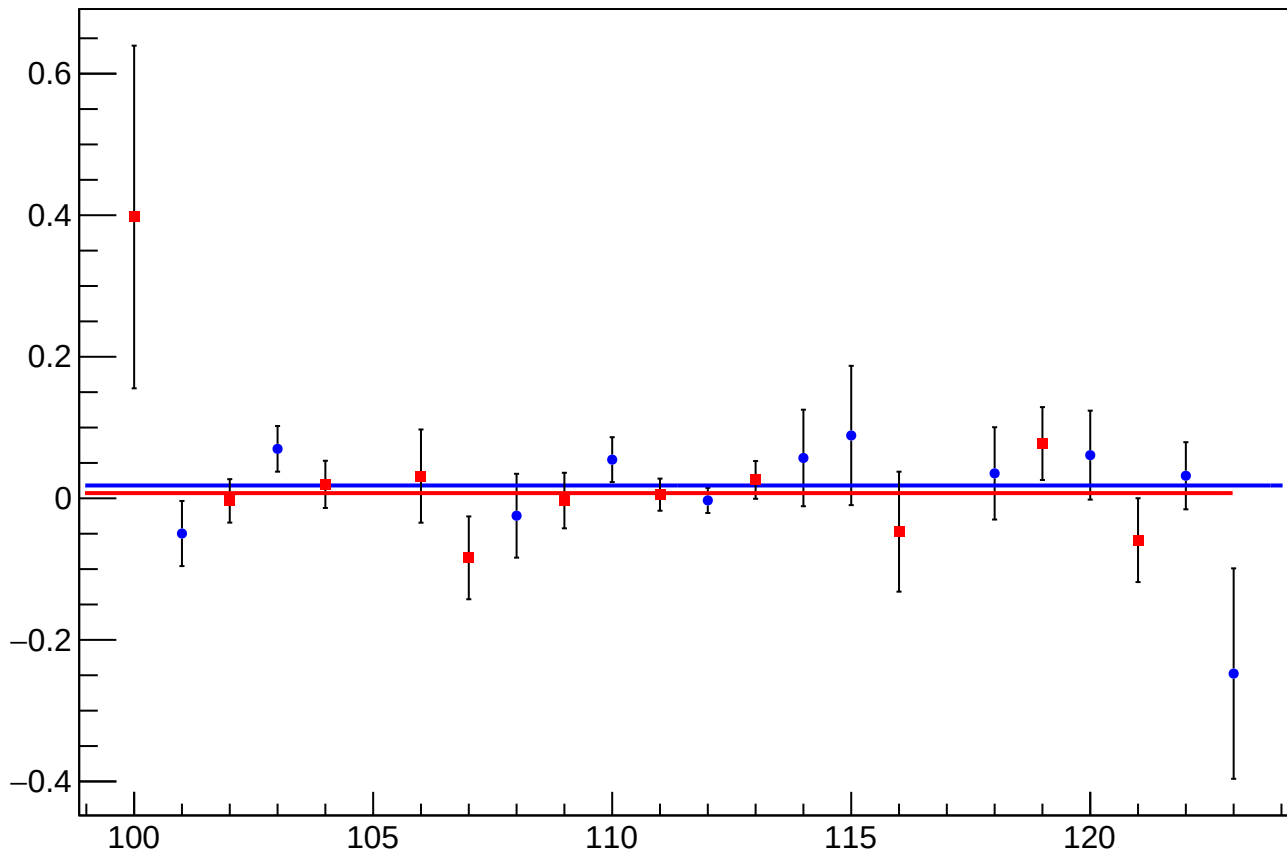
Right: 21.851+/-0.006 χ^2/NDF : 2435893.2/21

In: 21.038+/-0.008 χ^2/NDF : 1443968.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.851+/-0.006 χ^2/NDF : 2435893.2/21

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 12.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 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

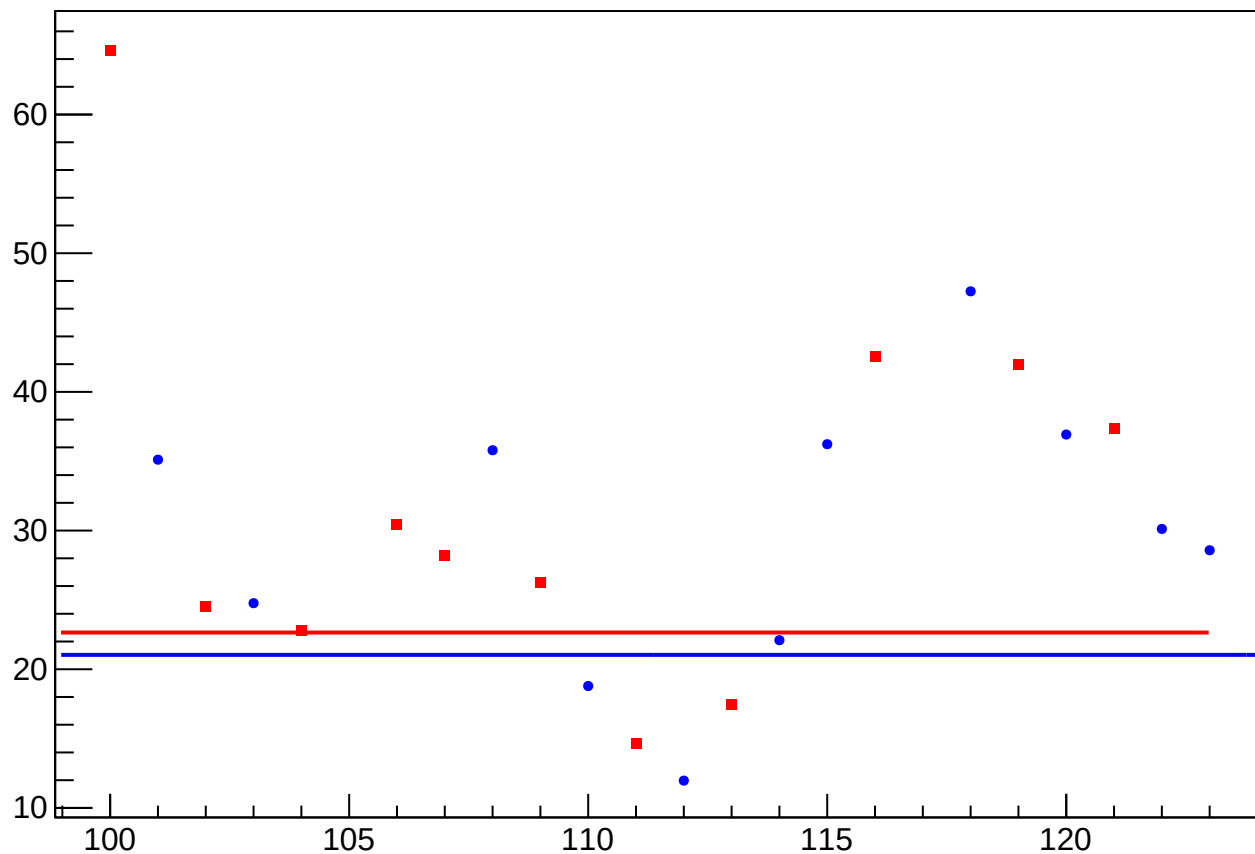
Right: 0.013+/-0.008 χ^2/NDF : 22.6/21

In: 0.018+/-0.012 χ^2/NDF : 12.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 22.6/21

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.038+/-0.008 χ^2/NDF : 1443968.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.648+/-0.008 χ^2/NDF : 973168.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

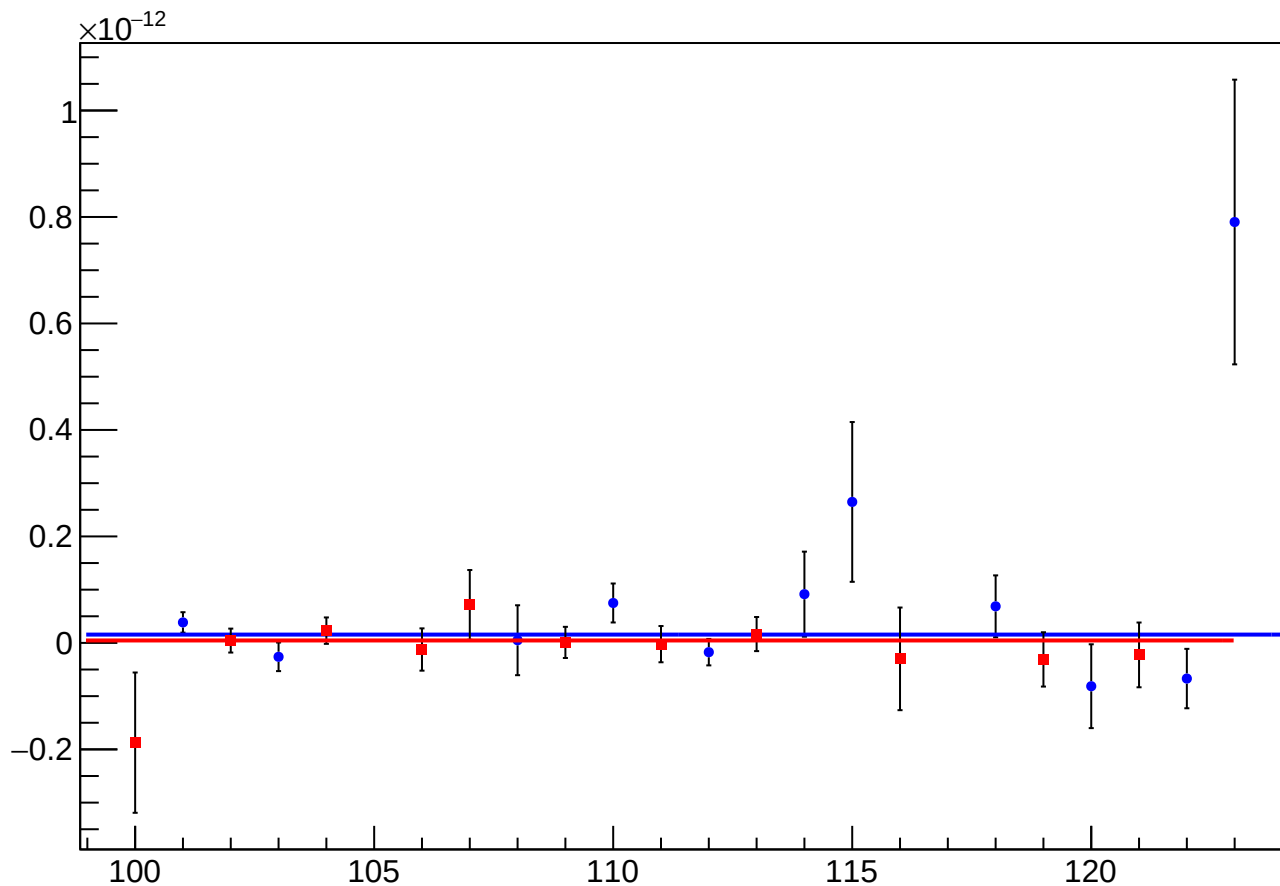
Right: 21.851+/-0.006 χ^2/NDF : 2435893.2/21

In: 21.038+/-0.008 χ^2/NDF : 1443968.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.851+/-0.006 χ^2/NDF : 2435893.2/21

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24.9/10

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

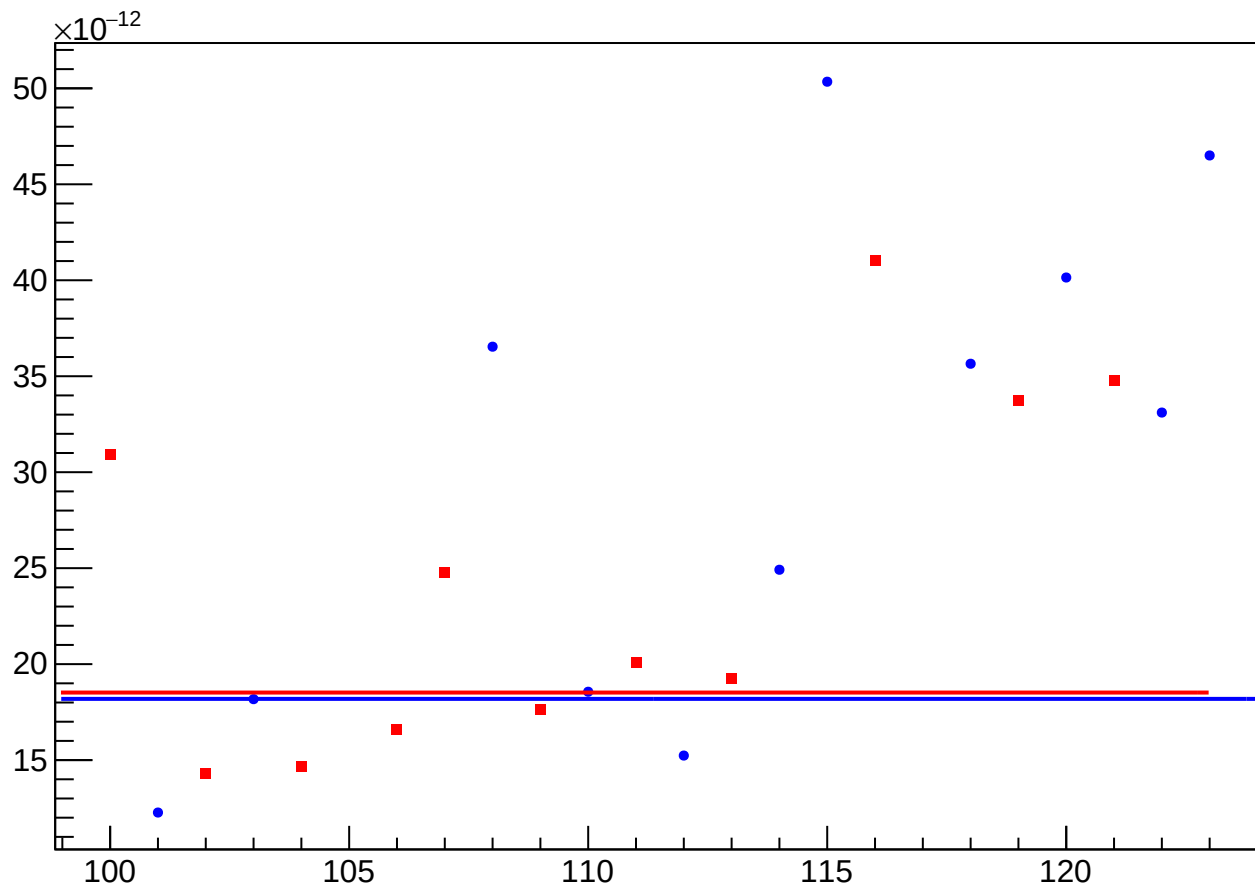
Right: 0.000+/-0.000 χ^2/NDF : 30.3/21

In: 0.000+/-0.000 χ^2/NDF : 24.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.3/21

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 982871.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 596633.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

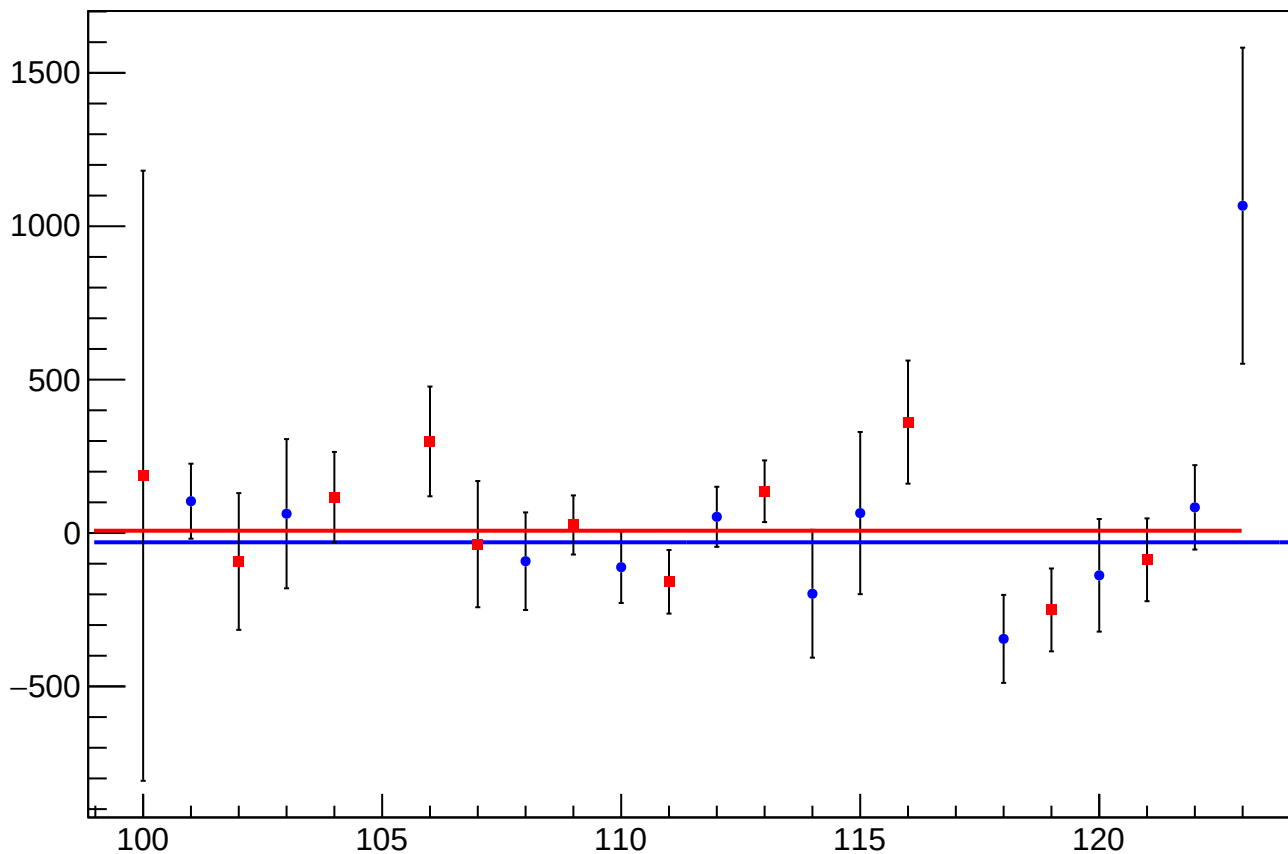
Right: 0.000+/-0.000 χ^2/NDF : 1580374.5/21

In: 0.000+/-0.000 χ^2/NDF : 982871.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1580374.5/21

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -30.249+/-45.961 χ^2 /NDF: 13.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.489+/-42.403 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

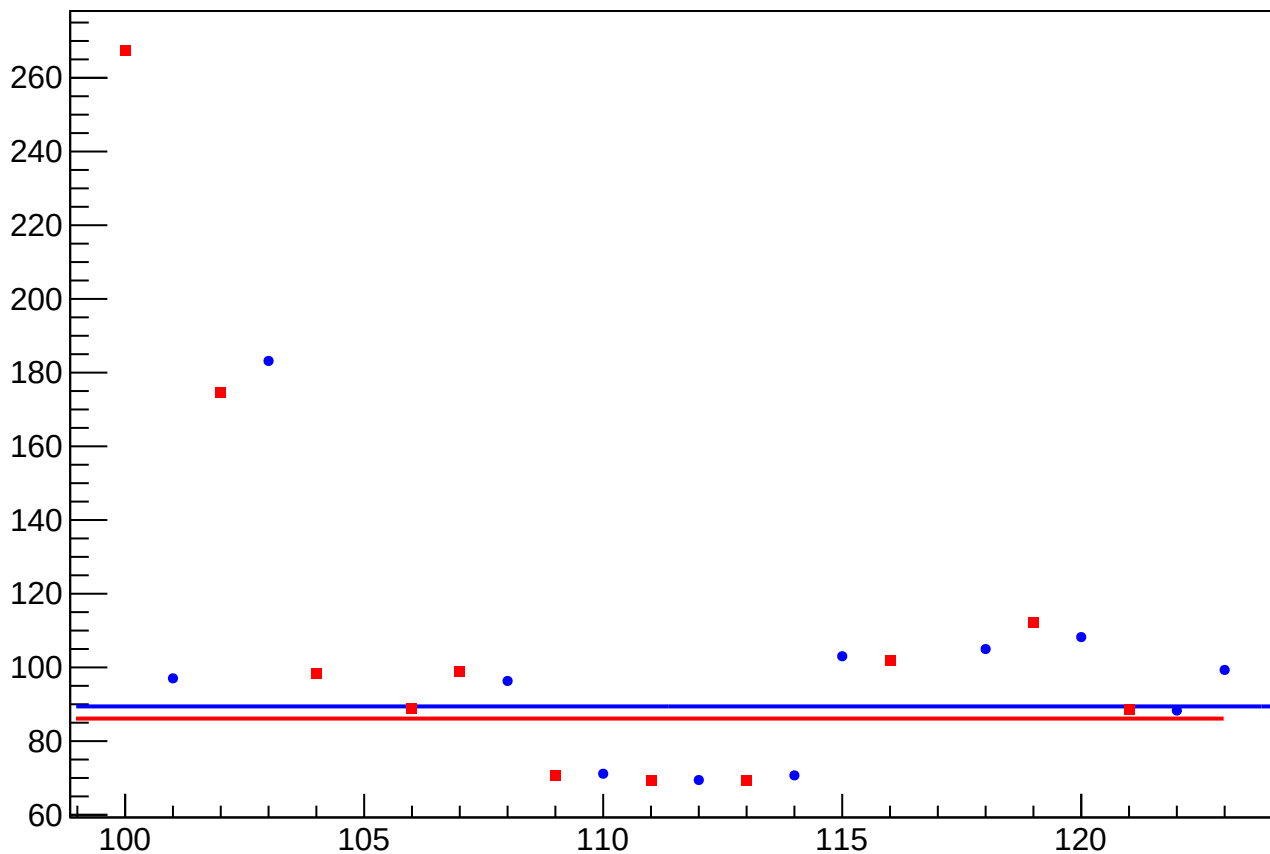
Right: -9.863+/-31.165 χ^2 /NDF: 29.2/21

In: -30.249+/-45.961 χ^2 /NDF:13.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.863+/-31.165 χ^2 /NDF: 29.2/21

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.419+/-0.032 χ^2/NDF : 507842.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.119+/-0.030 χ^2/NDF : 651863.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

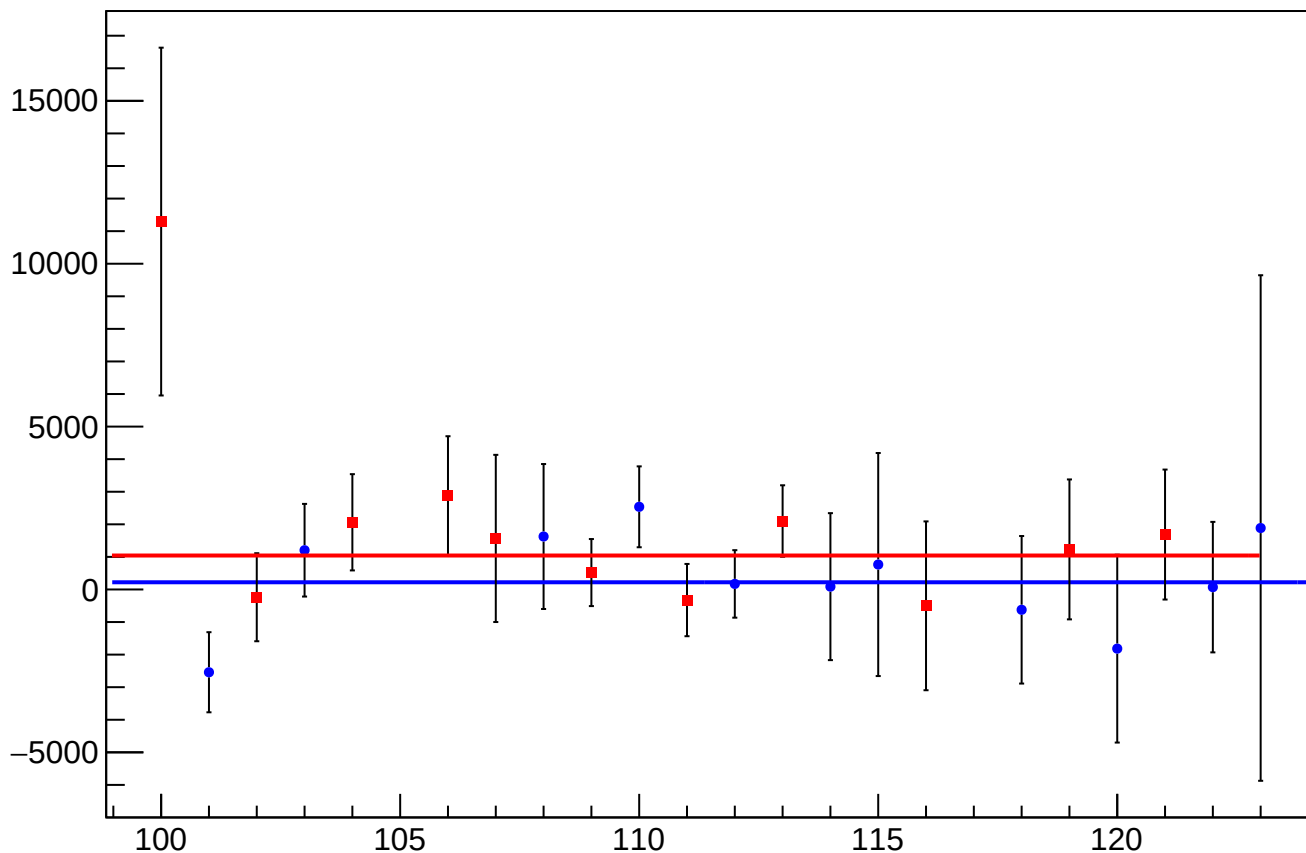
Right: 87.636+/-0.022 χ^2/NDF : 1165276.9/21

In: 89.419+/-0.032 χ^2/NDF : 507842.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.636+/-0.022 χ^2/NDF : 1165276.9/21

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 220.818 $\pm$ 512.910 χ^2 /NDF: 10.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1042.269 $\pm$ 461.434 χ^2 /NDF: 9.3/10

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

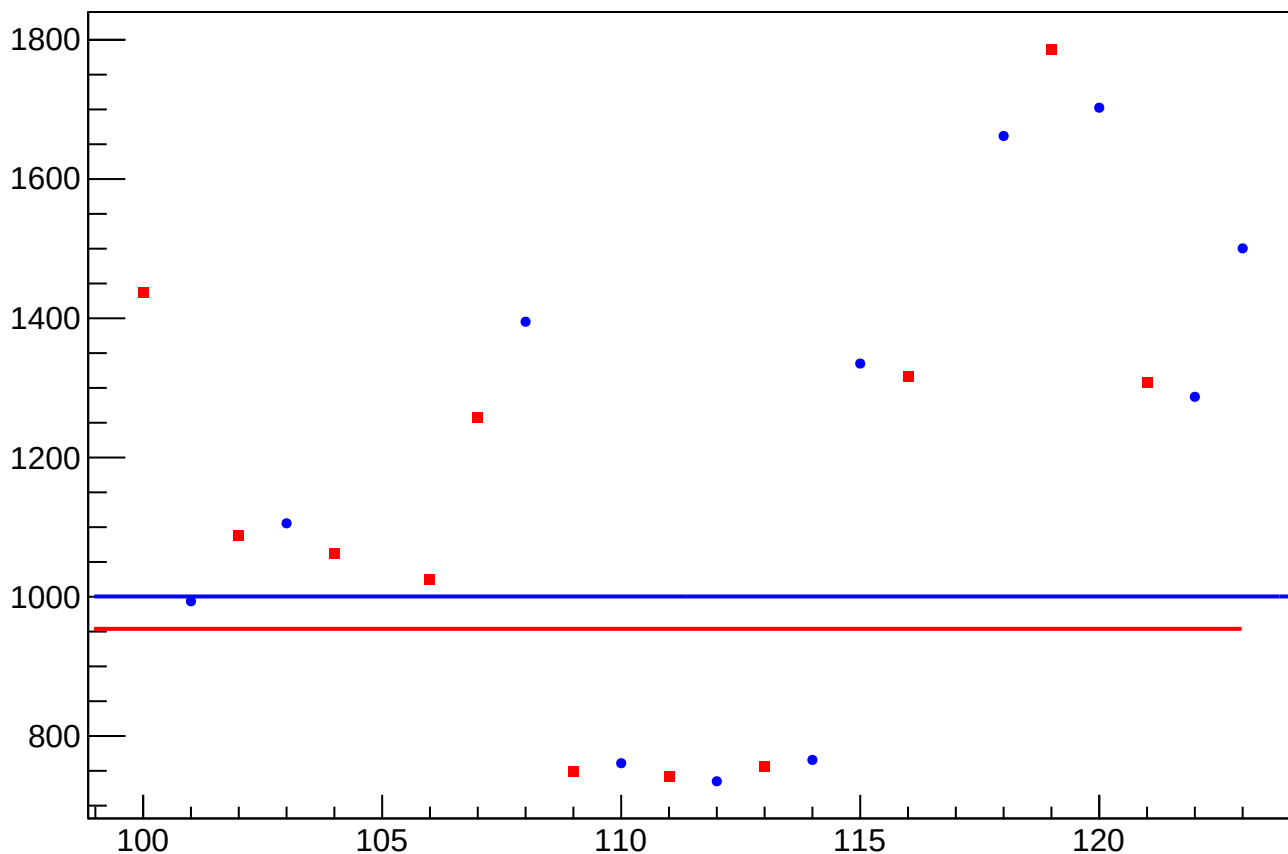
Right: 674.821 $\pm$ 343.043 χ^2 /NDF: 20.8/21

In: 220.818 $\pm$ 512.910 χ^2 /NDF:10.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 674.821 $\pm$ 343.043 χ^2 /NDF: 20.8/21

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1000.440+/-0.363 χ^2/NDF : 658894.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.962+/-0.326 χ^2/NDF : 697230.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

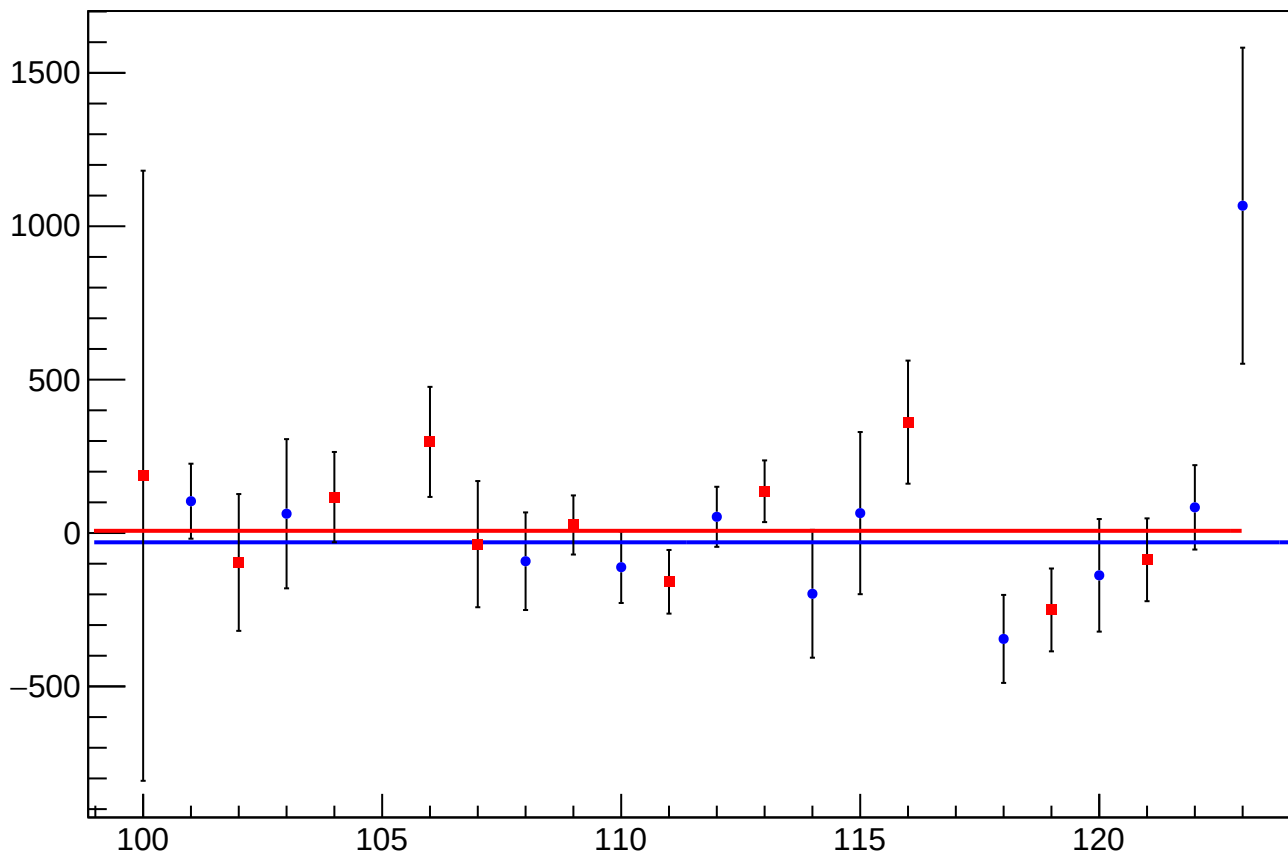
Right: 974.752+/-0.243 χ^2/NDF : 1365201.4/21

In: 1000.440+/-0.363 χ^2/NDF : 658894.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.752+/-0.243 χ^2/NDF : 1365201.4/21

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -30.269+/-45.961 χ^2/NDF : 13.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.182+/-42.411 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

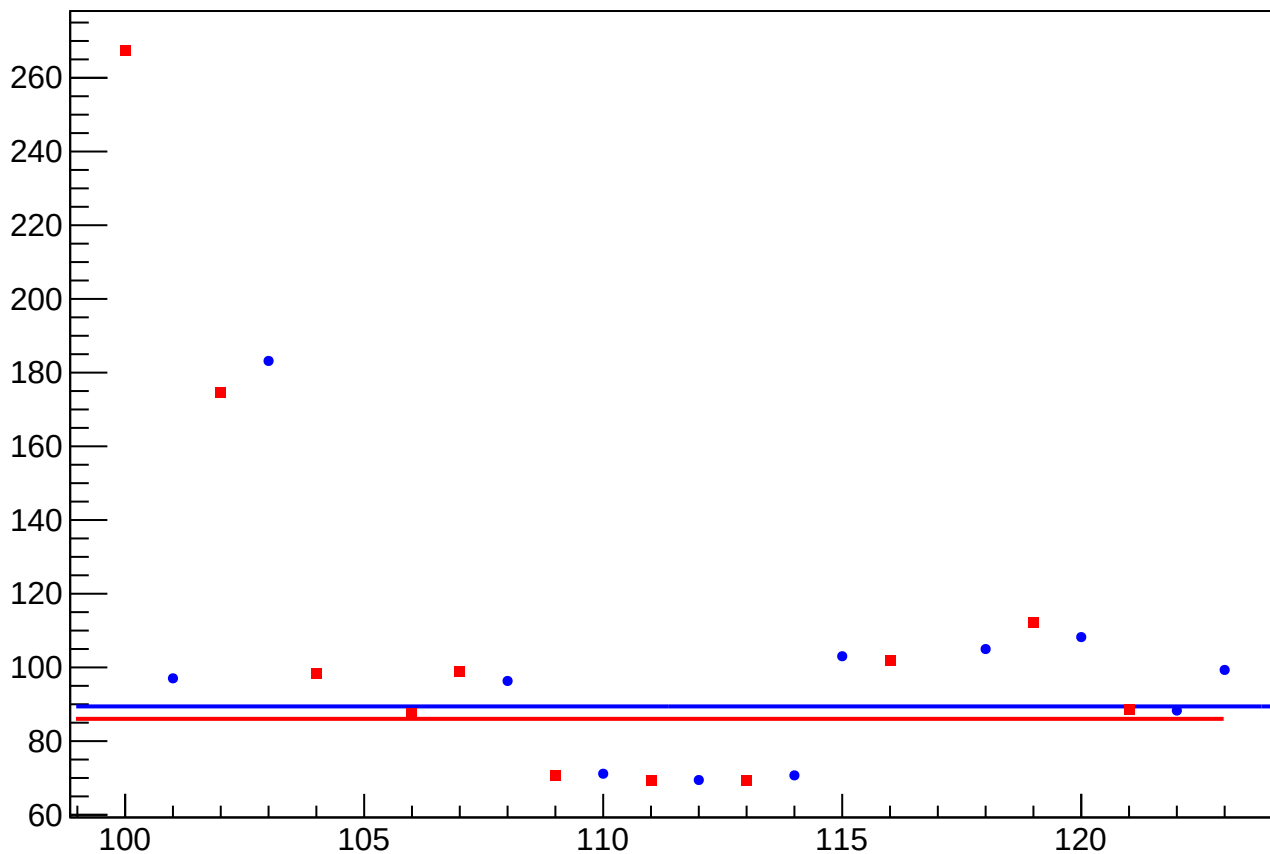
Right: -10.042+/-31.169 χ^2/NDF : 29.2/21

In: -30.269+/-45.961 χ^2/NDF : 13.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.042+/-31.169 χ^2/NDF : 29.2/21

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.419+/-0.032 χ^2/NDF : 507845.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.044+/-0.030 χ^2/NDF : 651750.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

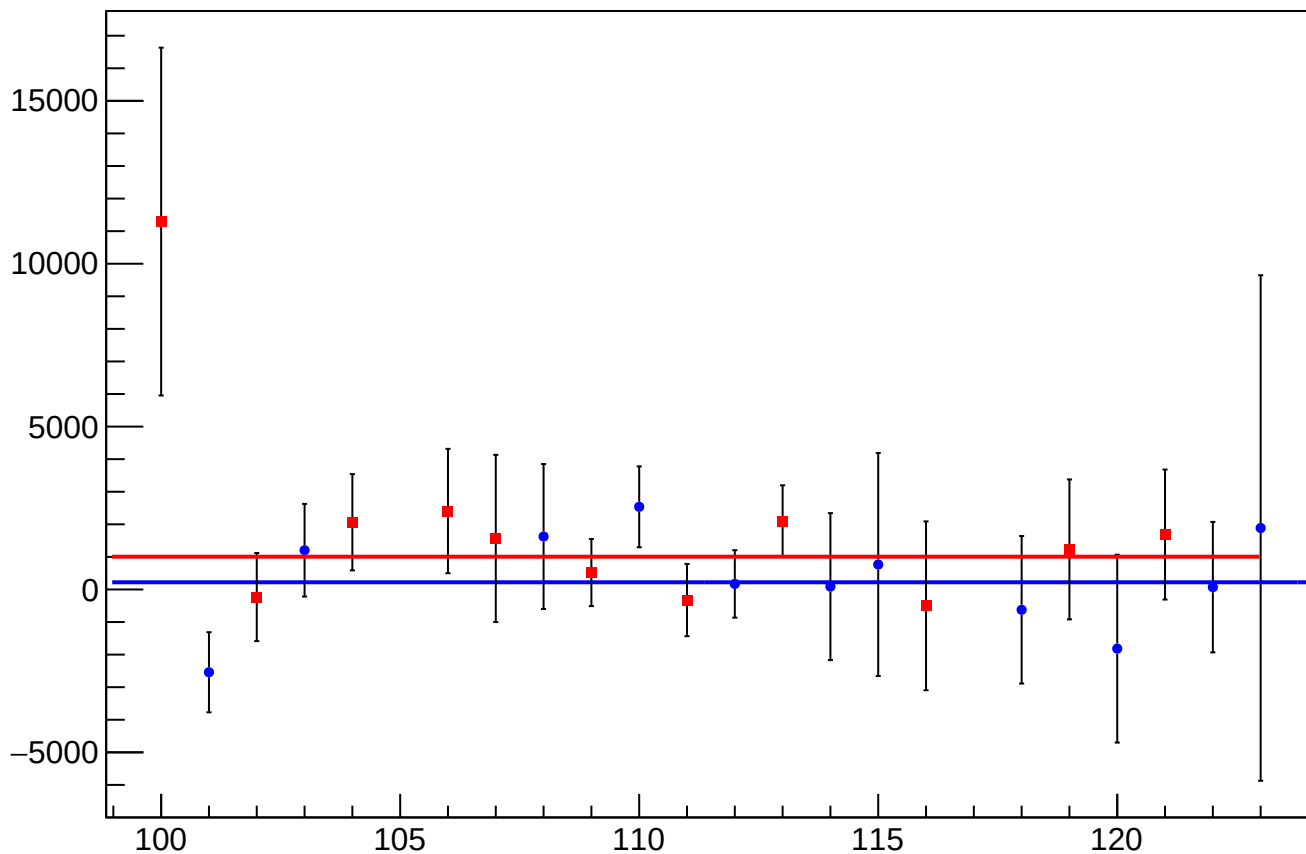
Right: 87.596+/-0.022 χ^2/NDF : 1165421.6/21

In: 89.419+/-0.032 χ^2/NDF : 507845.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.596+/-0.022 χ^2/NDF : 1165421.6/21

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 220.794+/-512.916 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.158+/-462.681 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

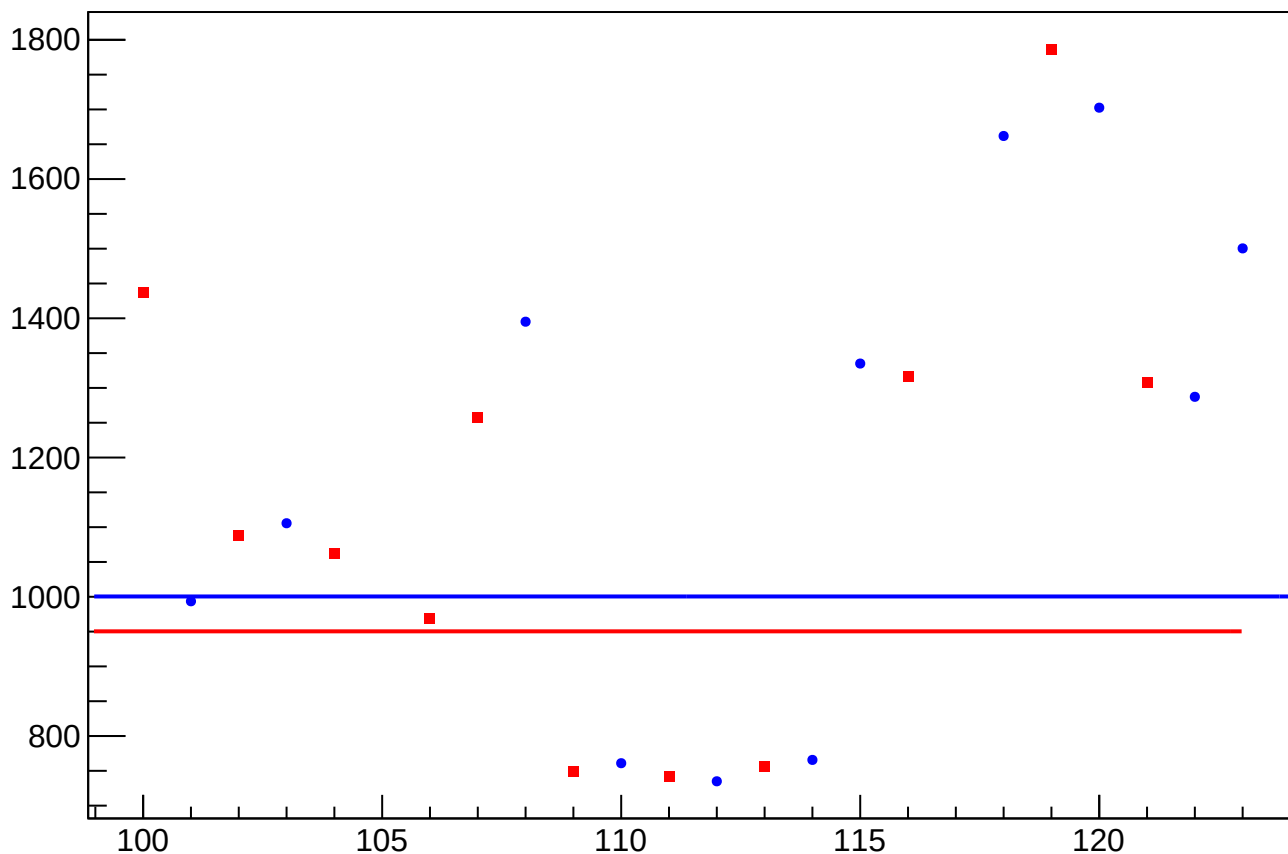
Right: 653.809+/-343.556 χ^2/NDF : 20.2/21

In: 220.794+/-512.916 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.809+/-343.556 χ^2/NDF : 20.2/21

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1000.451+/-0.363 χ^2/NDF : 658915.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 950.358+/-0.327 χ^2/NDF : 694383.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

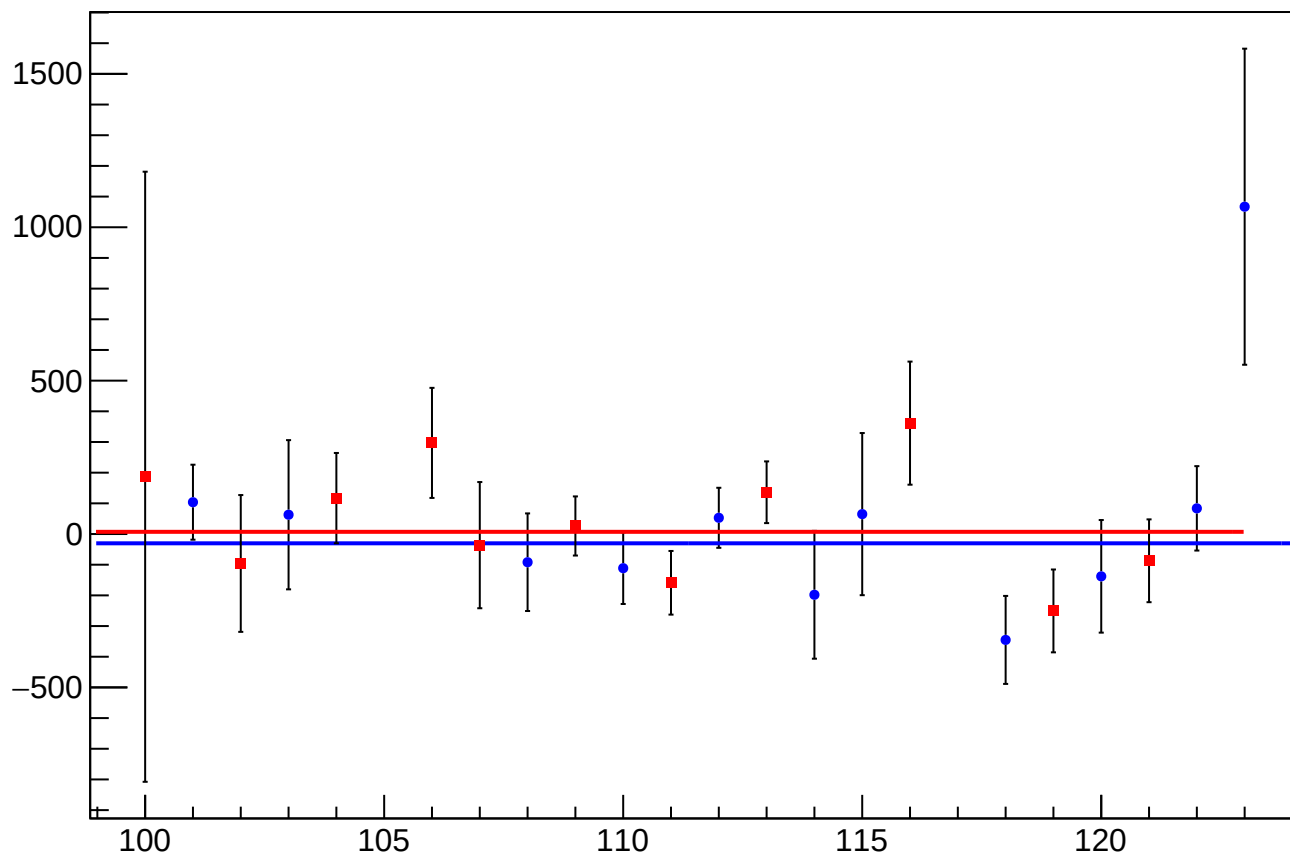
Right: 972.832+/-0.243 χ^2/NDF : 1363816.5/21

In: 1000.451+/-0.363 χ^2/NDF : 658915.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.832+/-0.243 χ^2/NDF : 1363816.5/21

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -30.269+/-45.961 χ^2 /NDF: 13.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.182+/-42.411 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

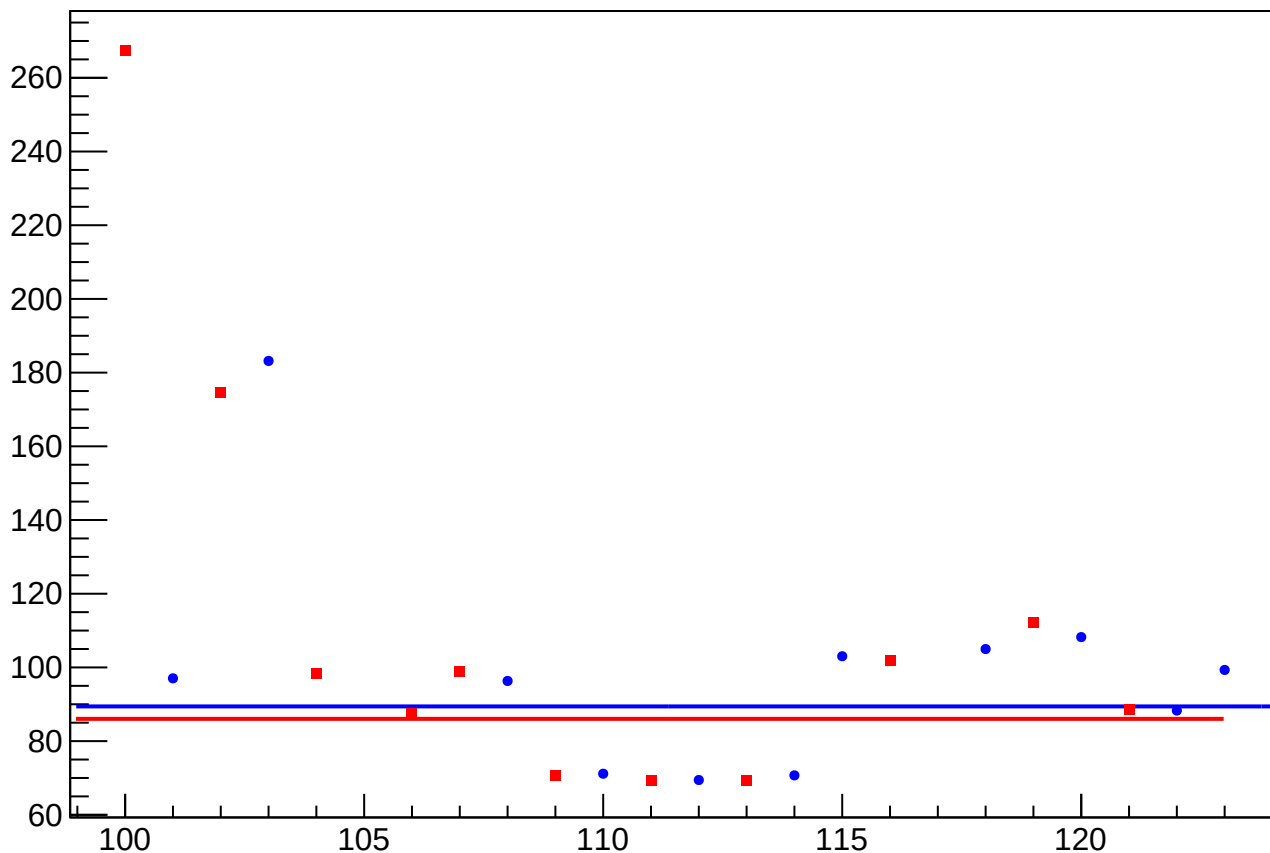
Right: -10.042+/-31.169 χ^2 /NDF: 29.2/21

In: -30.269+/-45.961 χ^2 /NDF:13.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -10.042+/-31.169 χ^2 /NDF: 29.2/21

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.419+/-0.032 χ^2/NDF : 507845.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.044+/-0.030 χ^2/NDF : 651750.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

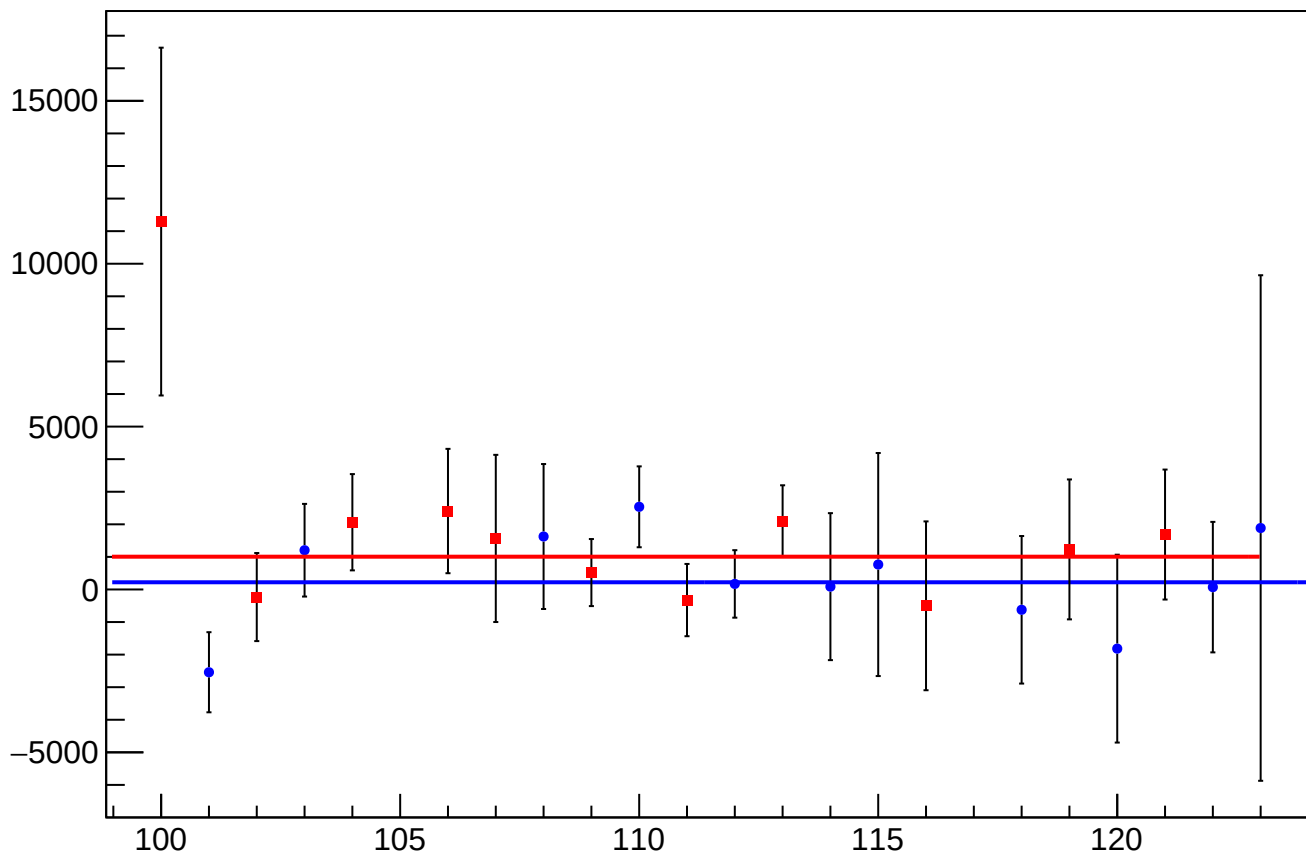
Right: 87.596+/-0.022 χ^2/NDF : 1165421.6/21

In: 89.419+/-0.032 χ^2/NDF : 507845.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.596+/-0.022 χ^2/NDF : 1165421.6/21

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 220.794+/-512.916 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.158+/-462.681 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

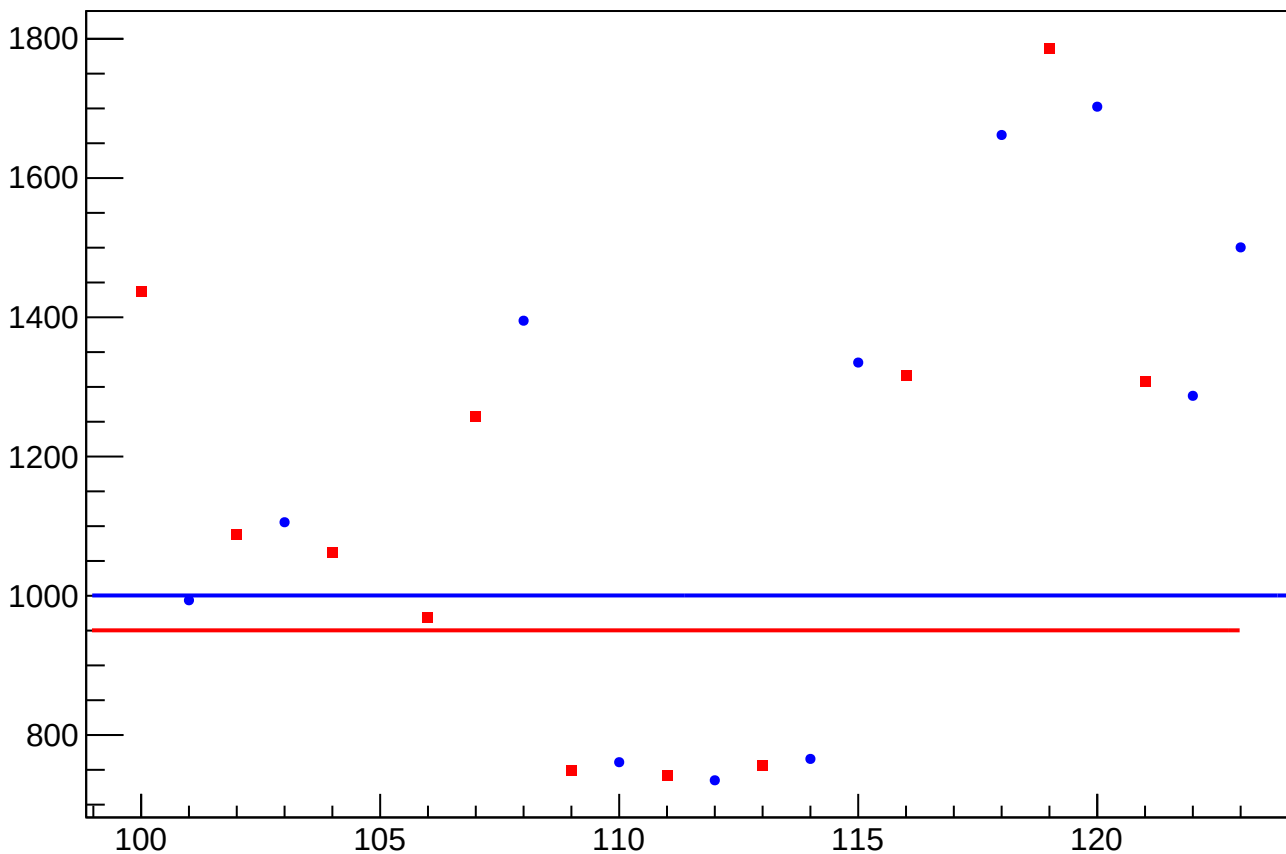
Right: 653.809+/-343.556 χ^2/NDF : 20.2/21

In: 220.794+/-512.916 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.809+/-343.556 χ^2/NDF : 20.2/21

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1000.451+/-0.363 χ^2/NDF : 658915.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 950.358+/-0.327 χ^2/NDF : 694383.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

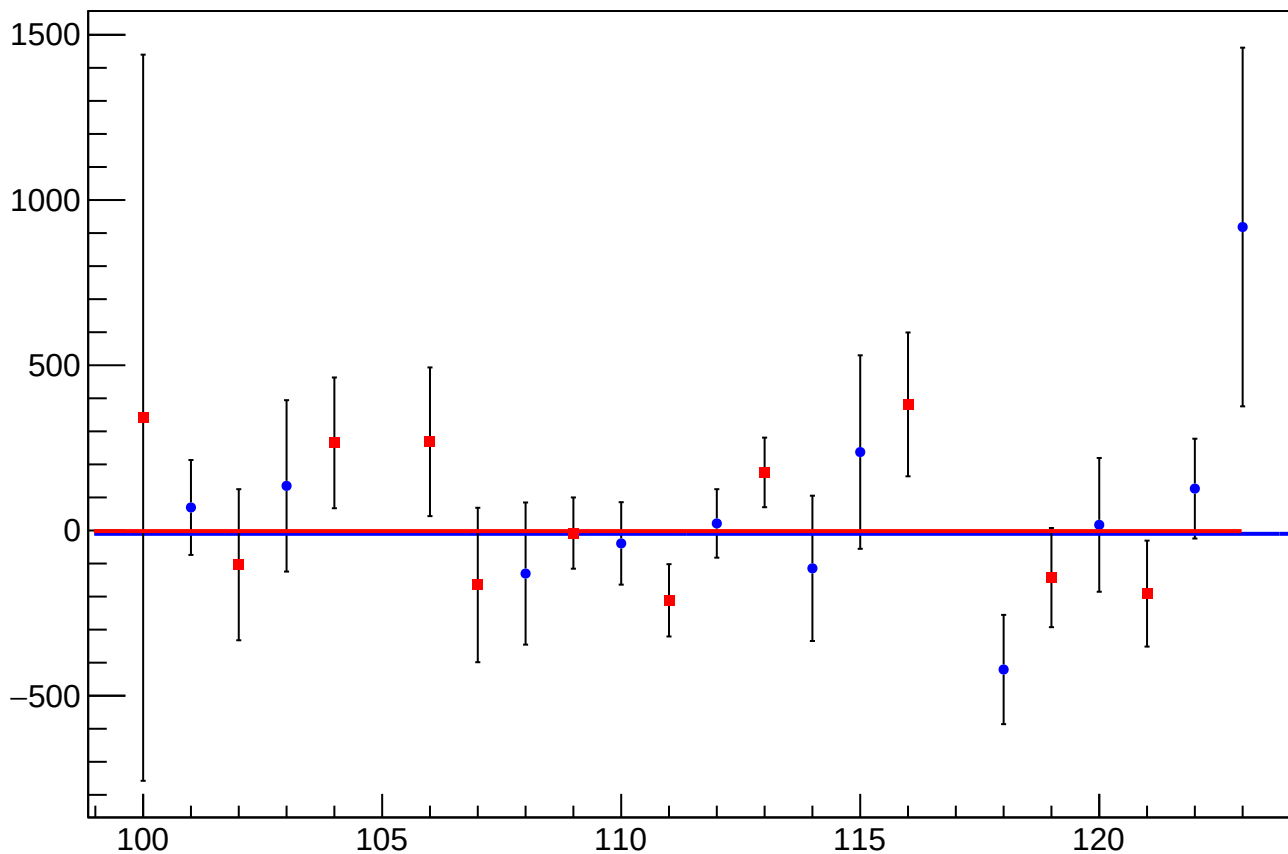
Right: 972.832+/-0.243 χ^2/NDF : 1363816.5/21

In: 1000.451+/-0.363 χ^2/NDF : 658915.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.832+/-0.243 χ^2/NDF : 1363816.5/21

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -10.062 ± 51.102 χ^2/NDF : 12.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.848 ± 47.256 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

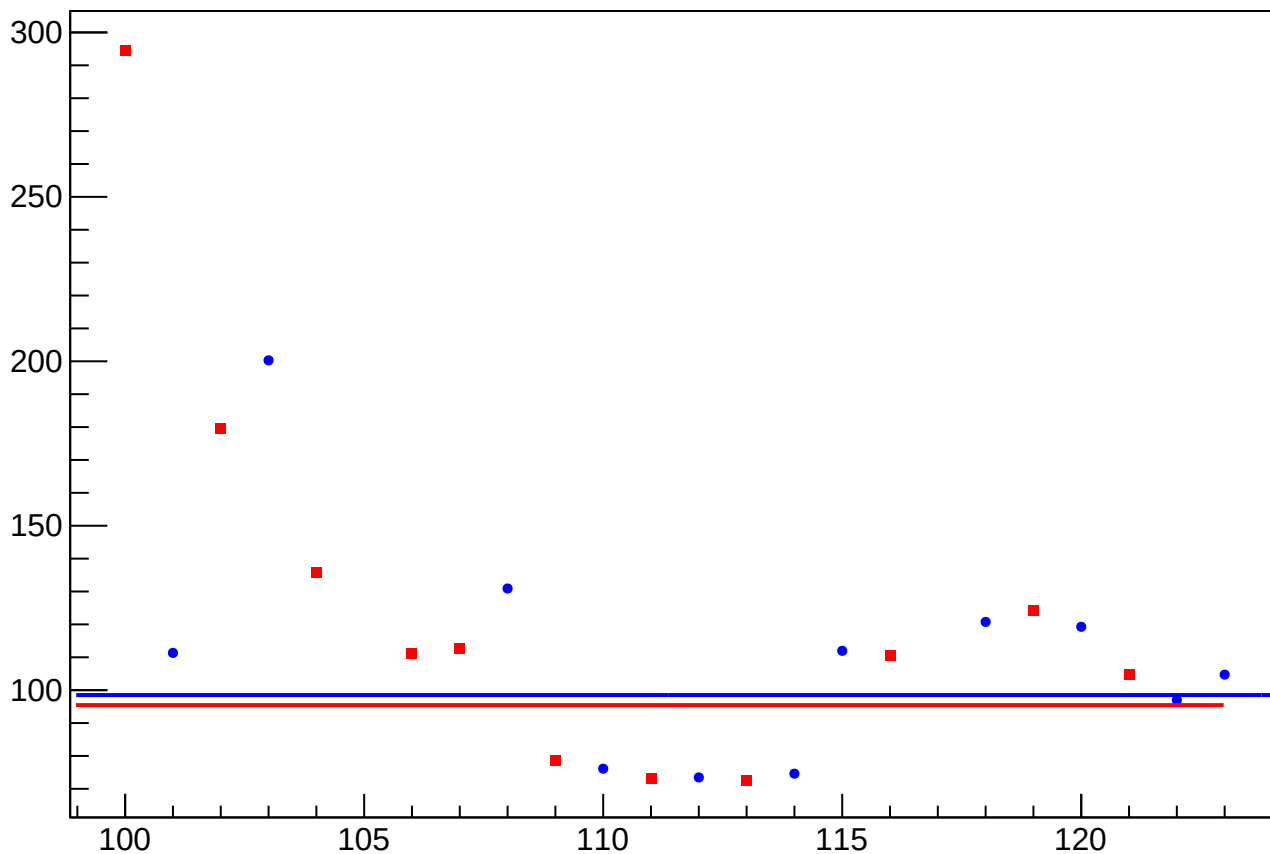
Right: -5.634 ± 34.695 χ^2/NDF : 27.9/21

In: -10.062 ± 51.102 χ^2/NDF : 12.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.634 ± 34.695 χ^2/NDF : 27.9/21

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.515+/-0.036 χ^2/NDF : 636160.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.456+/-0.033 χ^2/NDF : 757883.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

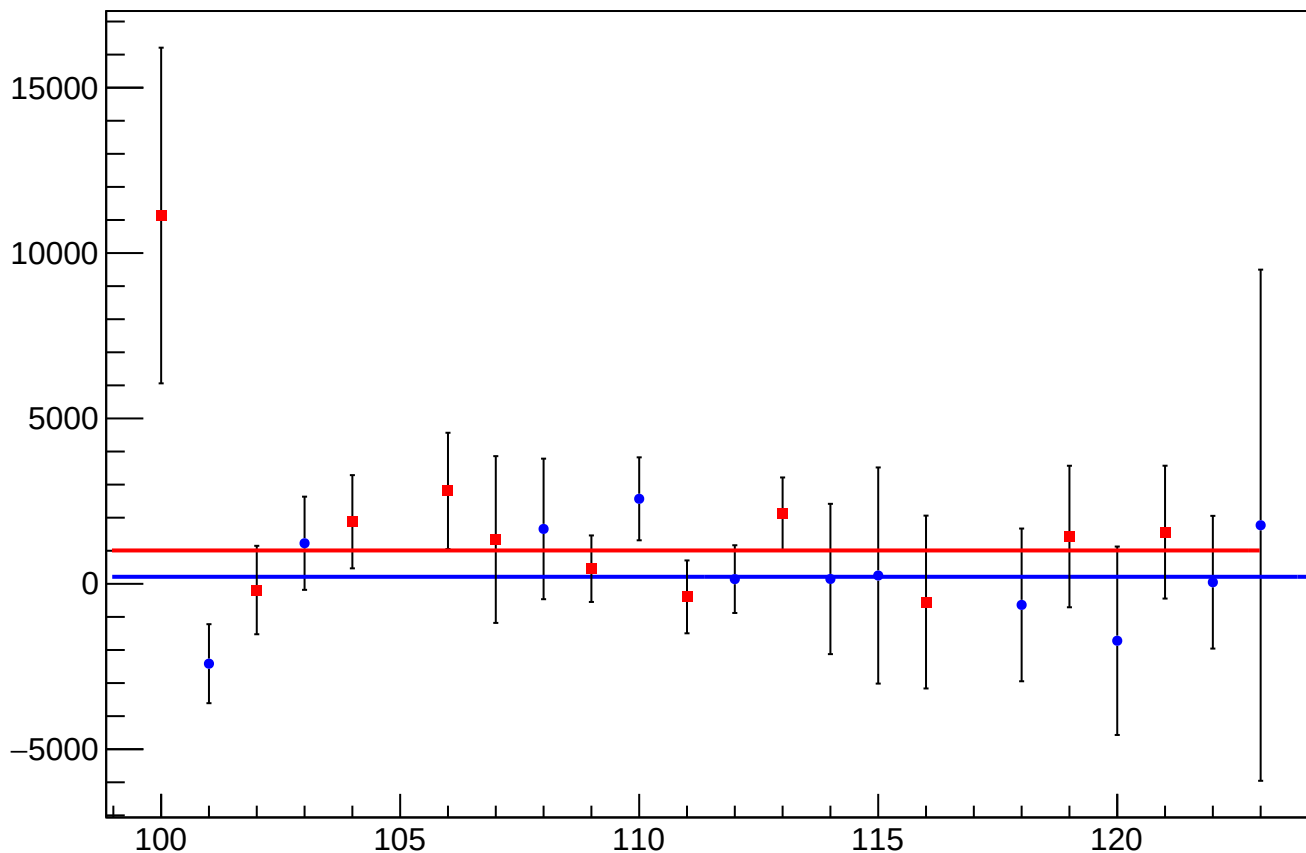
Right: 96.866+/-0.025 χ^2/NDF : 1397907.0/21

In: 98.515+/-0.036 χ^2/NDF : 636160.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.866+/-0.025 χ^2/NDF : 1397907.0/21

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 212.897 $\pm$ 507.668 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1008.909 $\pm$ 455.029 χ^2 /NDF: 9.6/10

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

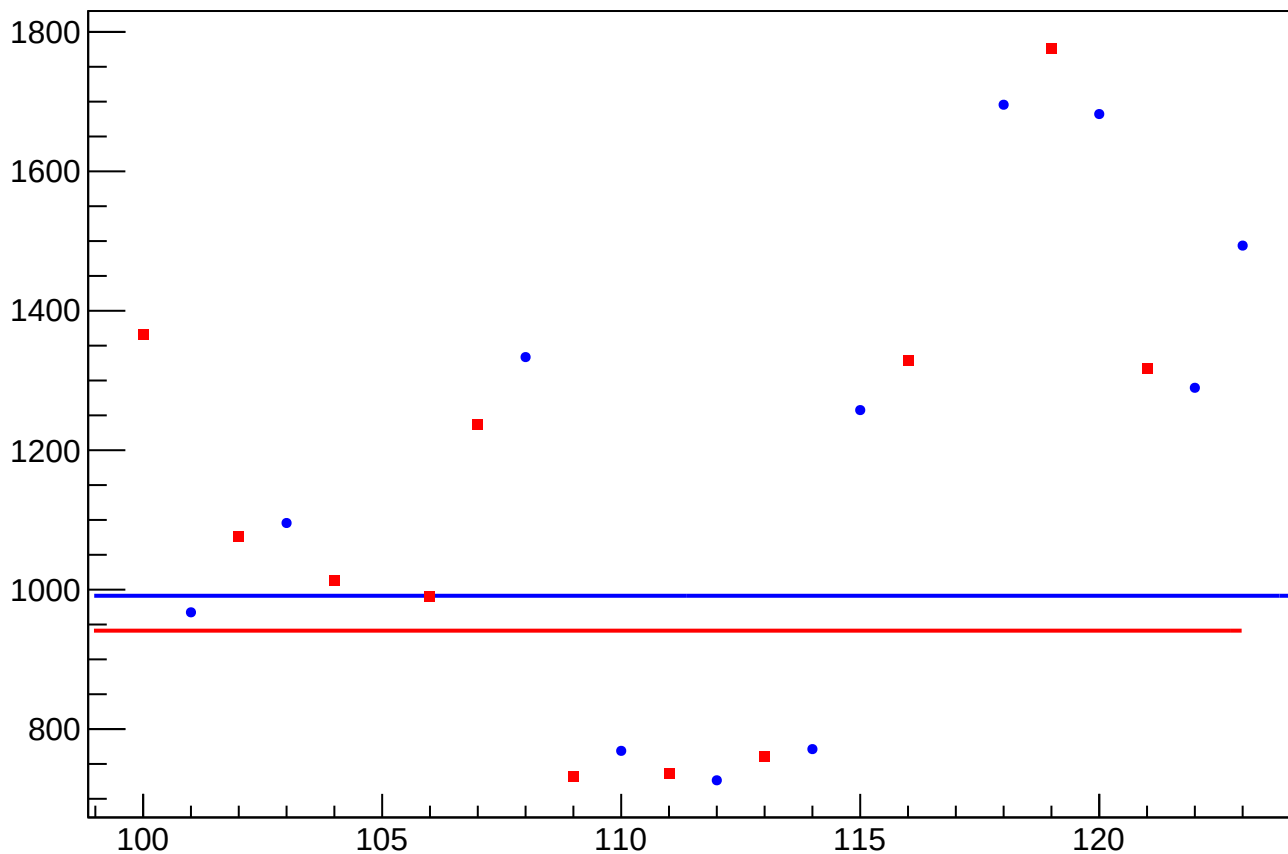
Right: 654.299 $\pm$ 338.841 χ^2 /NDF: 21.0/21

In: 212.897 $\pm$ 507.668 χ^2 /NDF:10.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 654.299 $\pm$ 338.841 χ^2 /NDF: 21.0/21

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 991.230+/-0.359 χ^2/NDF : 648852.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 941.188+/-0.322 χ^2/NDF : 695838.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

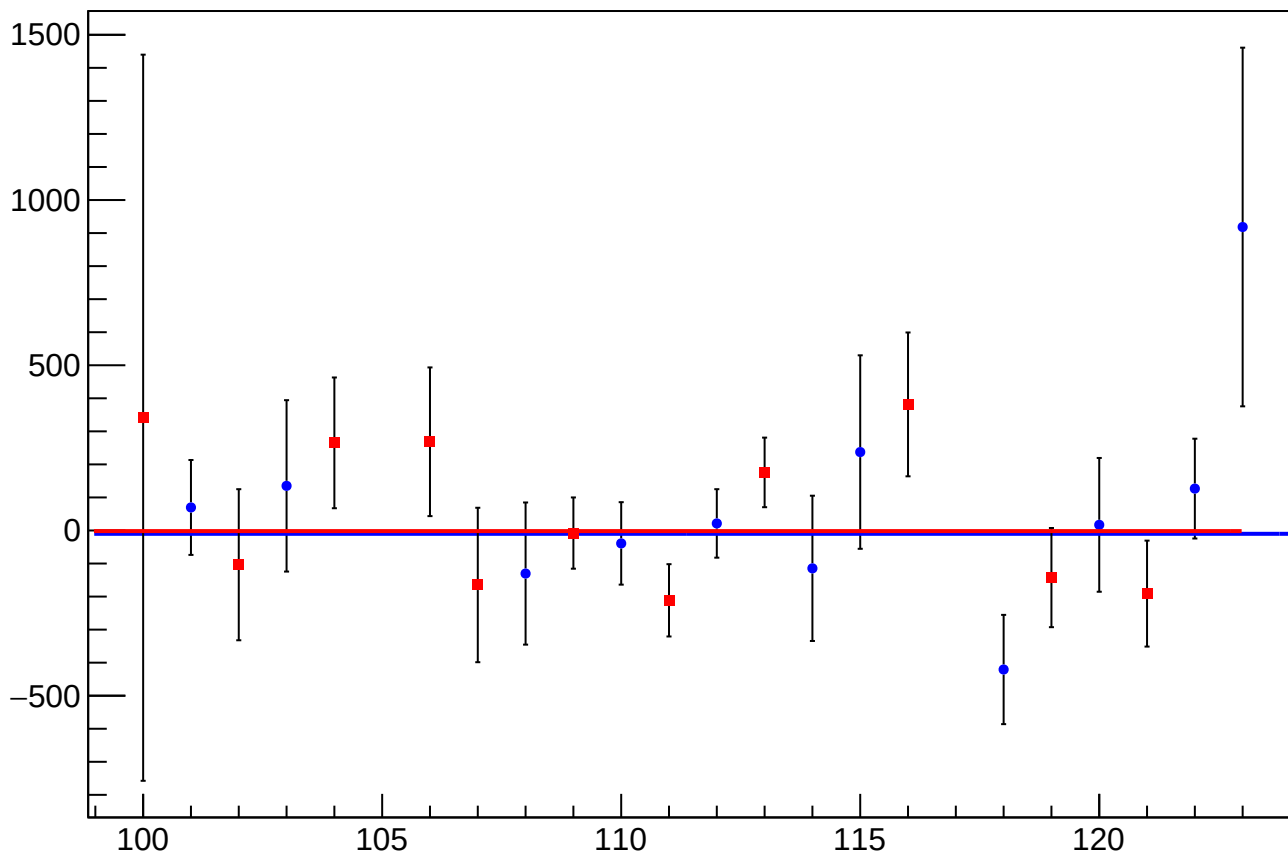
Right: 963.481+/-0.240 χ^2/NDF : 1355466.7/21

In: 991.230+/-0.359 χ^2/NDF : 648852.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.481+/-0.240 χ^2/NDF : 1355466.7/21

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -10.063+/-51.103 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.850+/-47.256 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

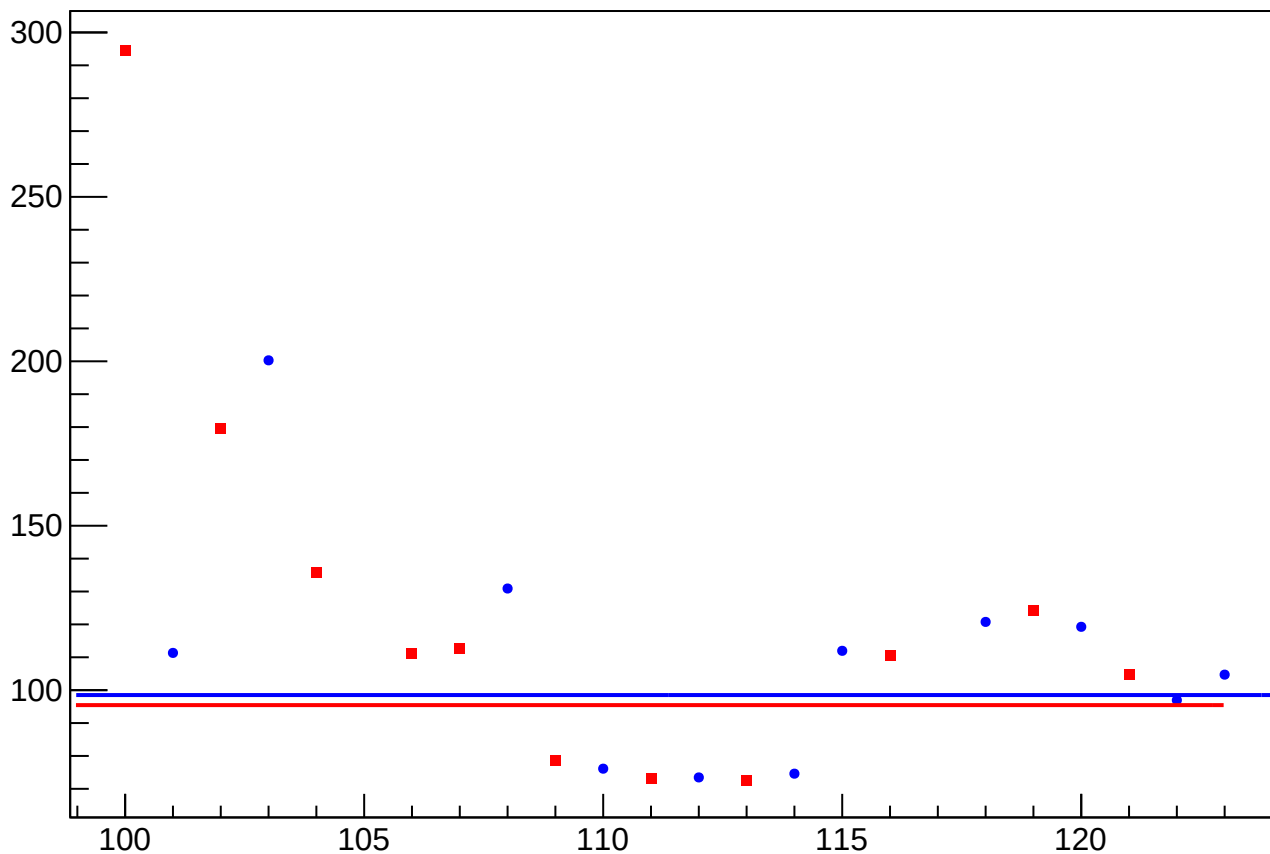
Right: -5.636+/-34.695 χ^2/NDF : 27.9/21

In: -10.063+/-51.103 χ^2/NDF :12.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.636+/-34.695 χ^2/NDF : 27.9/21

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.515+/-0.036 χ^2/NDF : 636162.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.456+/-0.033 χ^2/NDF : 757883.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

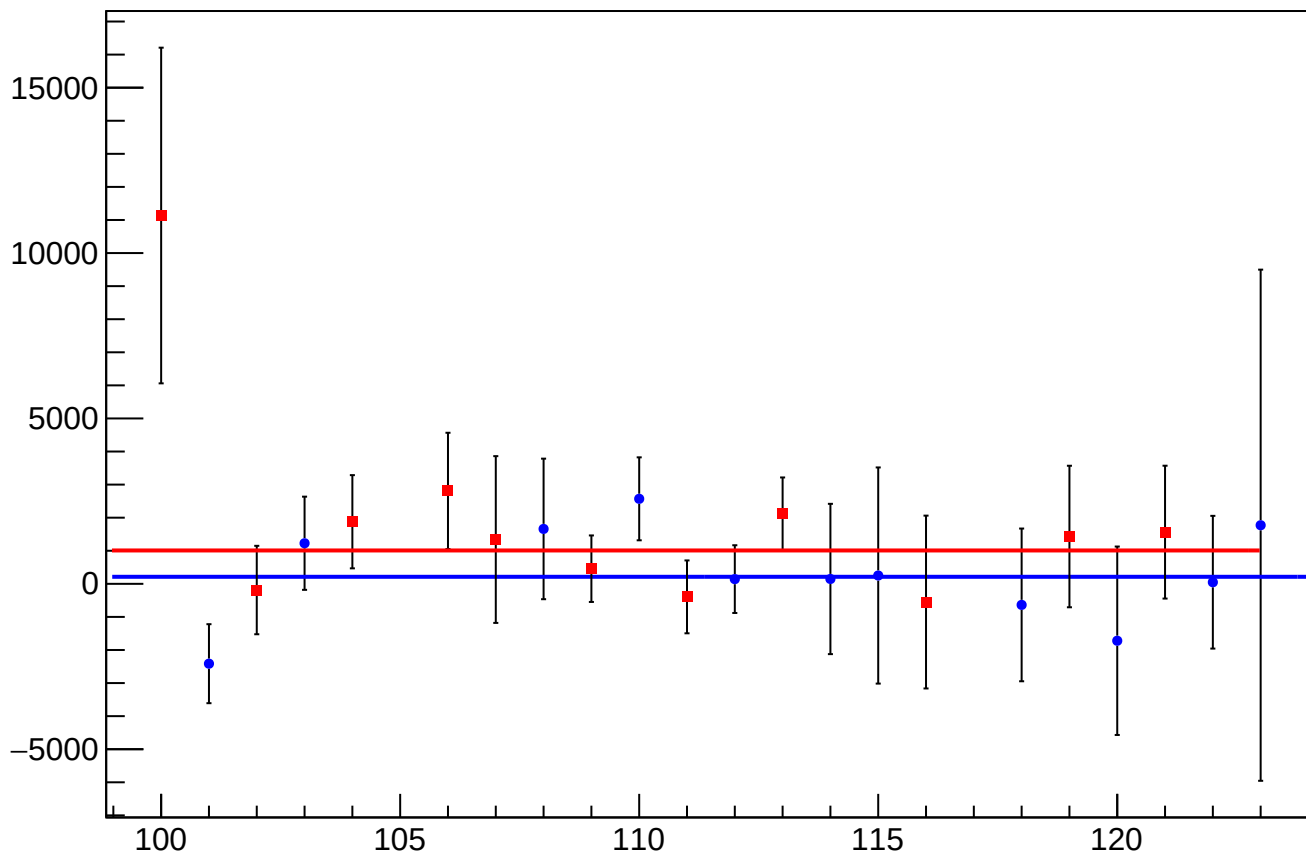
Right: 96.866+/-0.025 χ^2/NDF : 1397909.4/21

In: 98.515+/-0.036 χ^2/NDF : 636162.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.866+/-0.025 χ^2/NDF : 1397909.4/21

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 212.897 $\pm$ 507.667 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1008.908 $\pm$ 455.028 χ^2 /NDF: 9.6/10

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

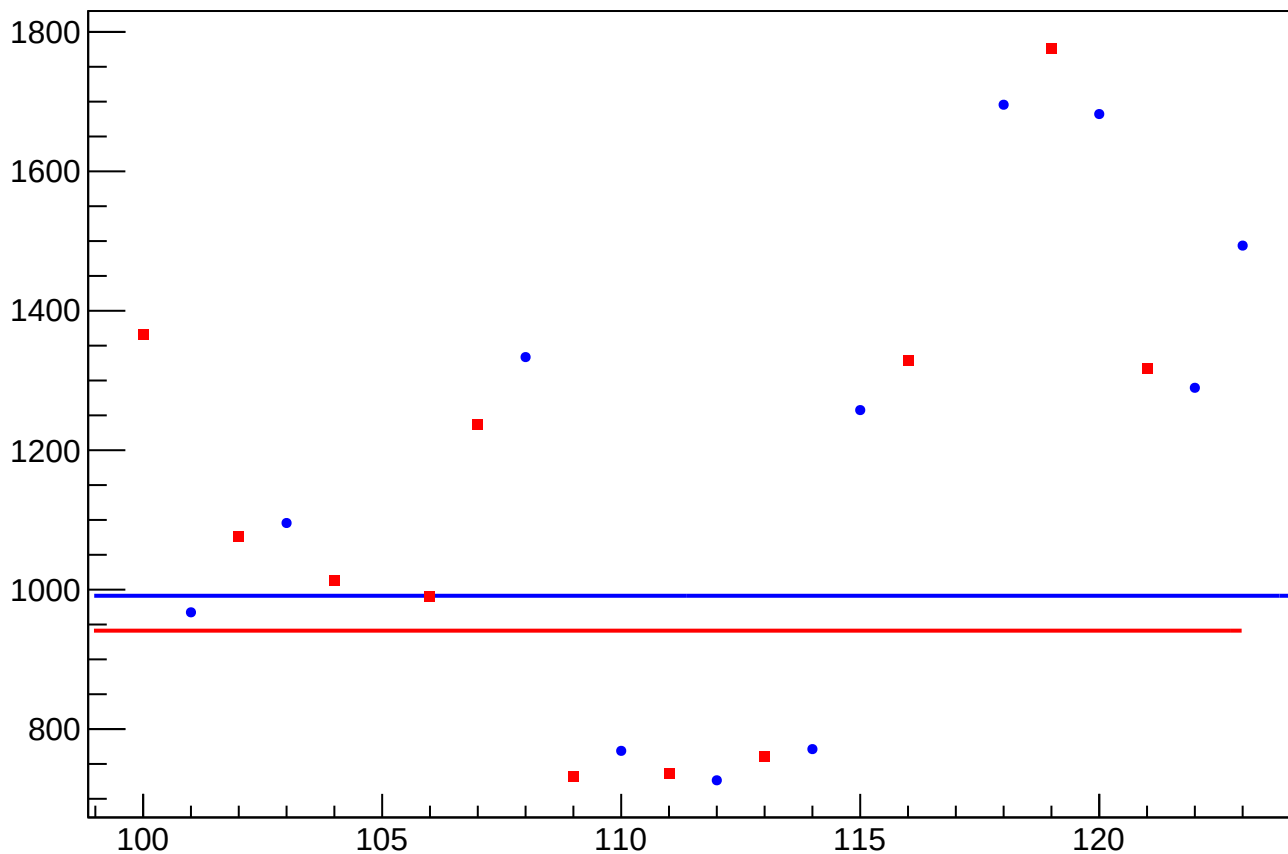
Right: 654.297 $\pm$ 338.840 χ^2 /NDF: 21.0/21

In: 212.897 $\pm$ 507.667 χ^2 /NDF: 10.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 654.297 $\pm$ 338.840 χ^2 /NDF: 21.0/21

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 991.228+/-0.359 χ^2/NDF : 648855.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 941.187+/-0.322 χ^2/NDF : 695840.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

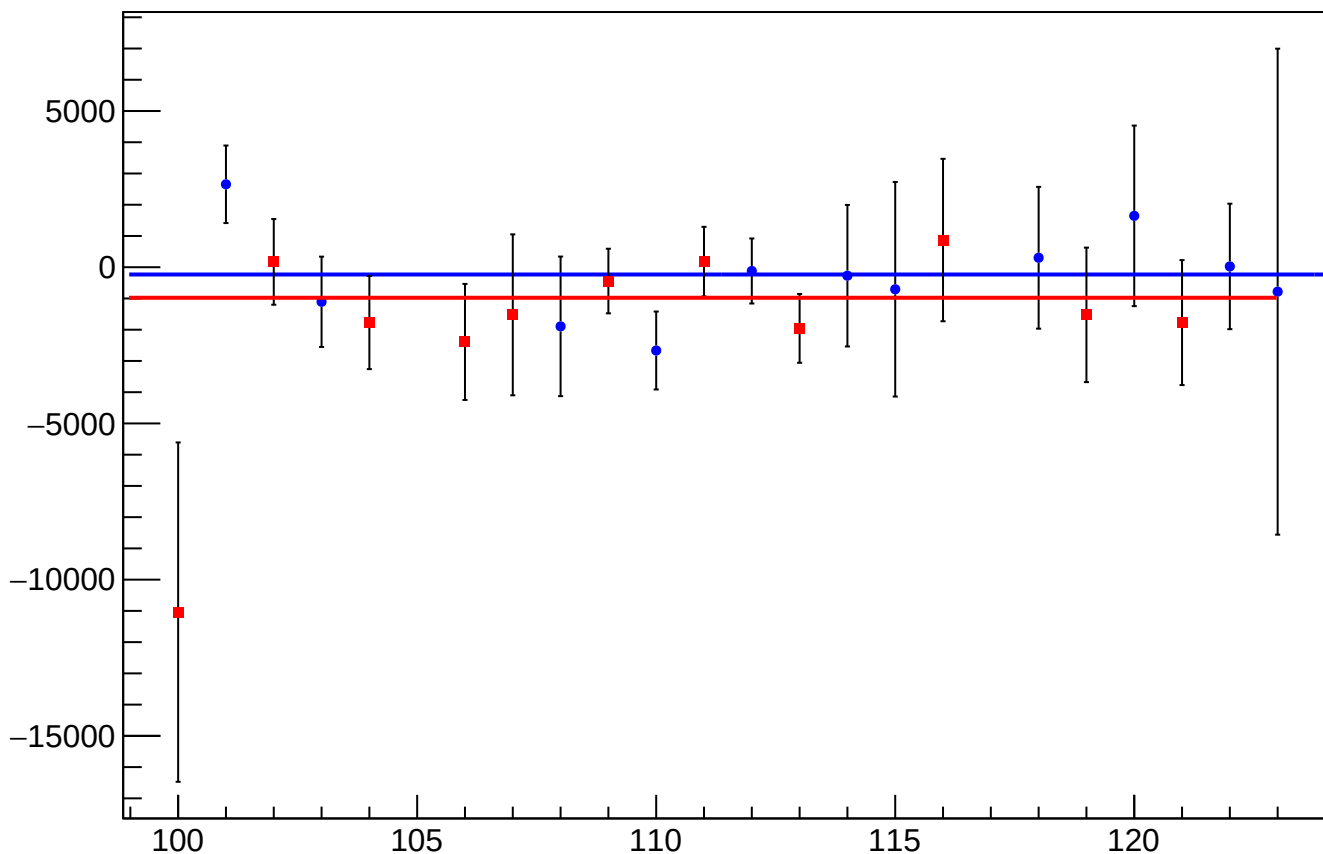
Right: 963.479+/-0.240 χ^2/NDF : 1355472.1/21

In: 991.228+/-0.359 χ^2/NDF : 648855.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.479+/-0.240 χ^2/NDF : 1355472.1/21

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -233.046+/-516.185 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -977.404+/-464.481 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

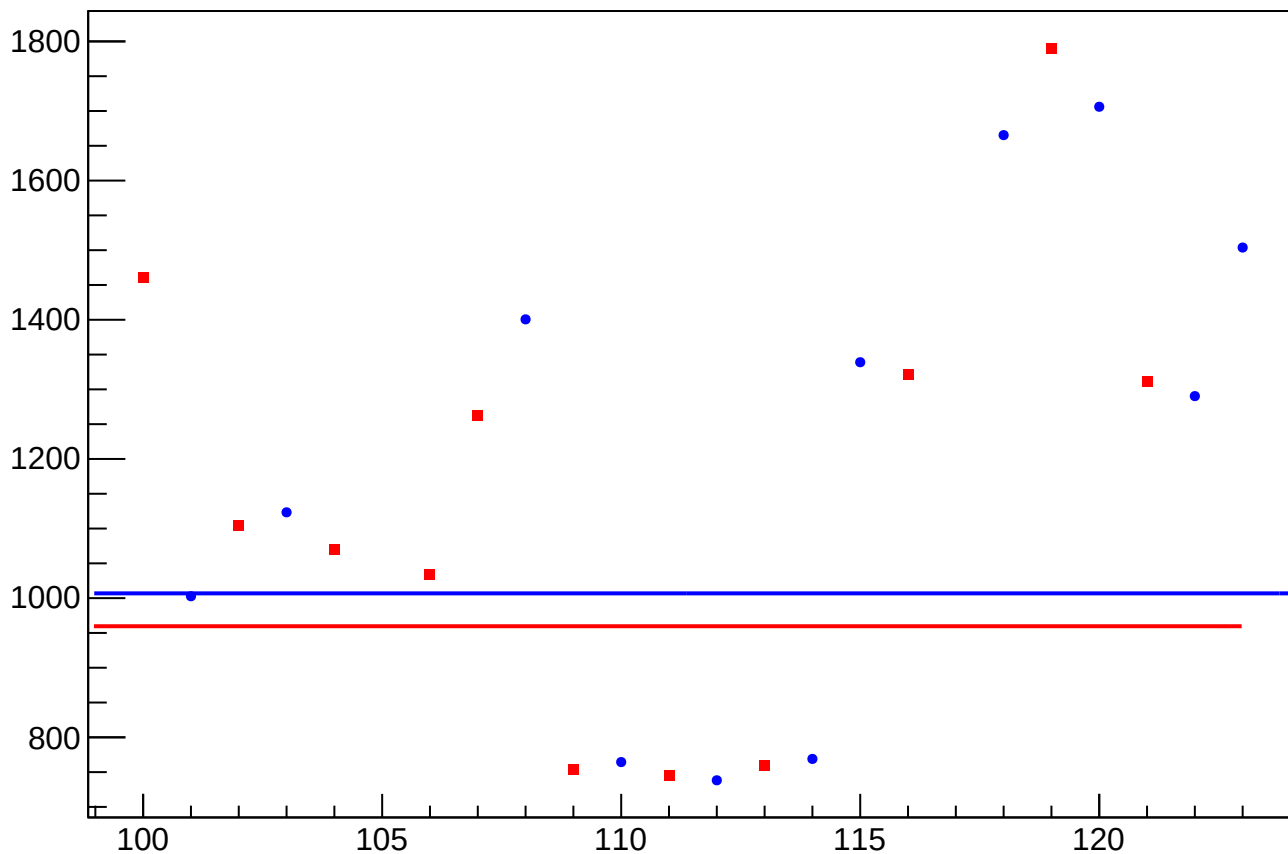
Right: -644.361+/-345.274 χ^2/NDF : 19.7/21

In: -233.046+/-516.185 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -644.361+/-345.274 χ^2/NDF : 19.7/21

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1006.878+/-0.365 χ^2/NDF : 658238.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.625+/-0.328 χ^2/NDF : 699206.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

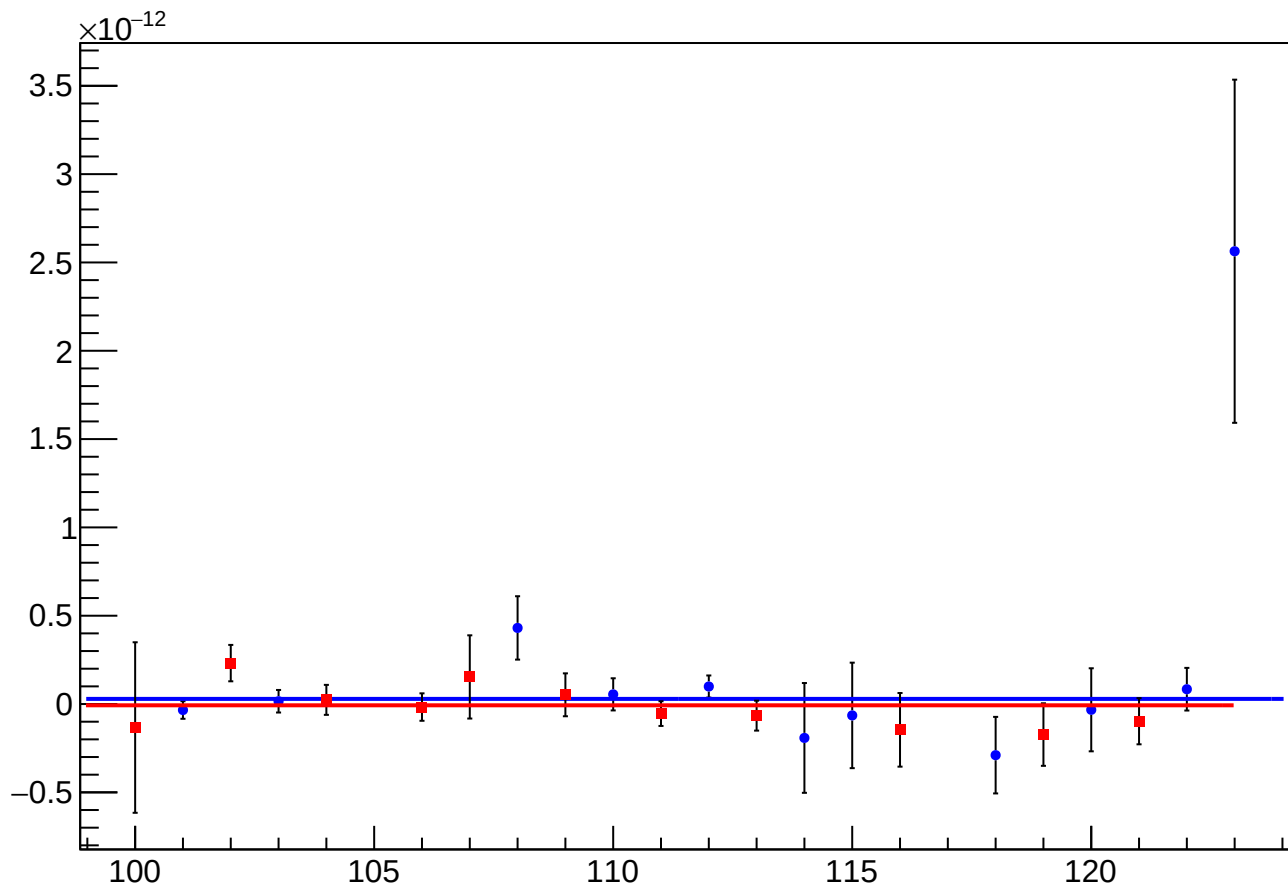
Right: 980.767+/-0.244 χ^2/NDF : 1366706.4/21

In: 1006.878+/-0.365 χ^2/NDF : 658238.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.767+/-0.244 χ^2/NDF : 1366706.4/21

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.8/10

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

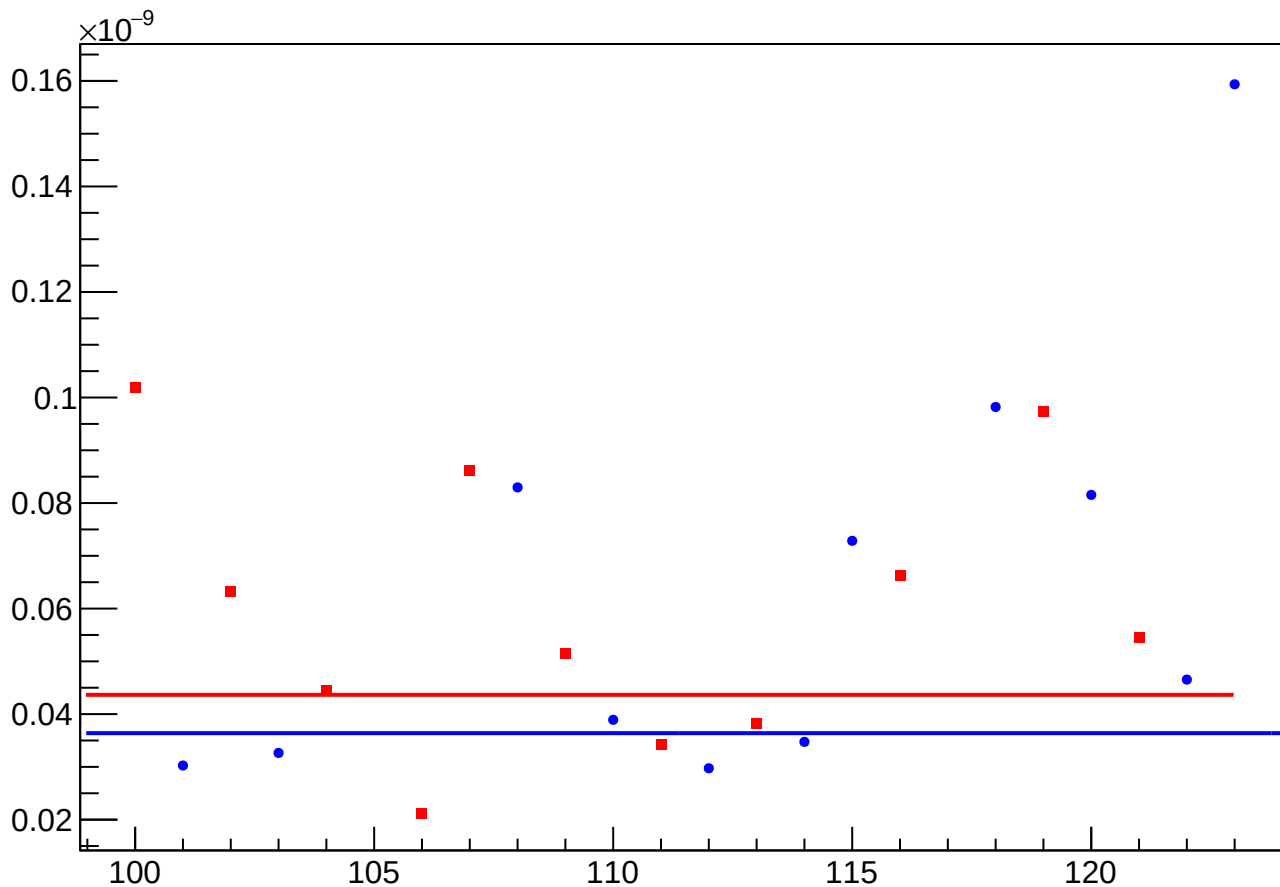
Right: 0.000+/-0.000 χ^2/NDF : 27.6/21

In: 0.000+/-0.000 χ^2/NDF : 17.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.6/21

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508978.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 608195.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

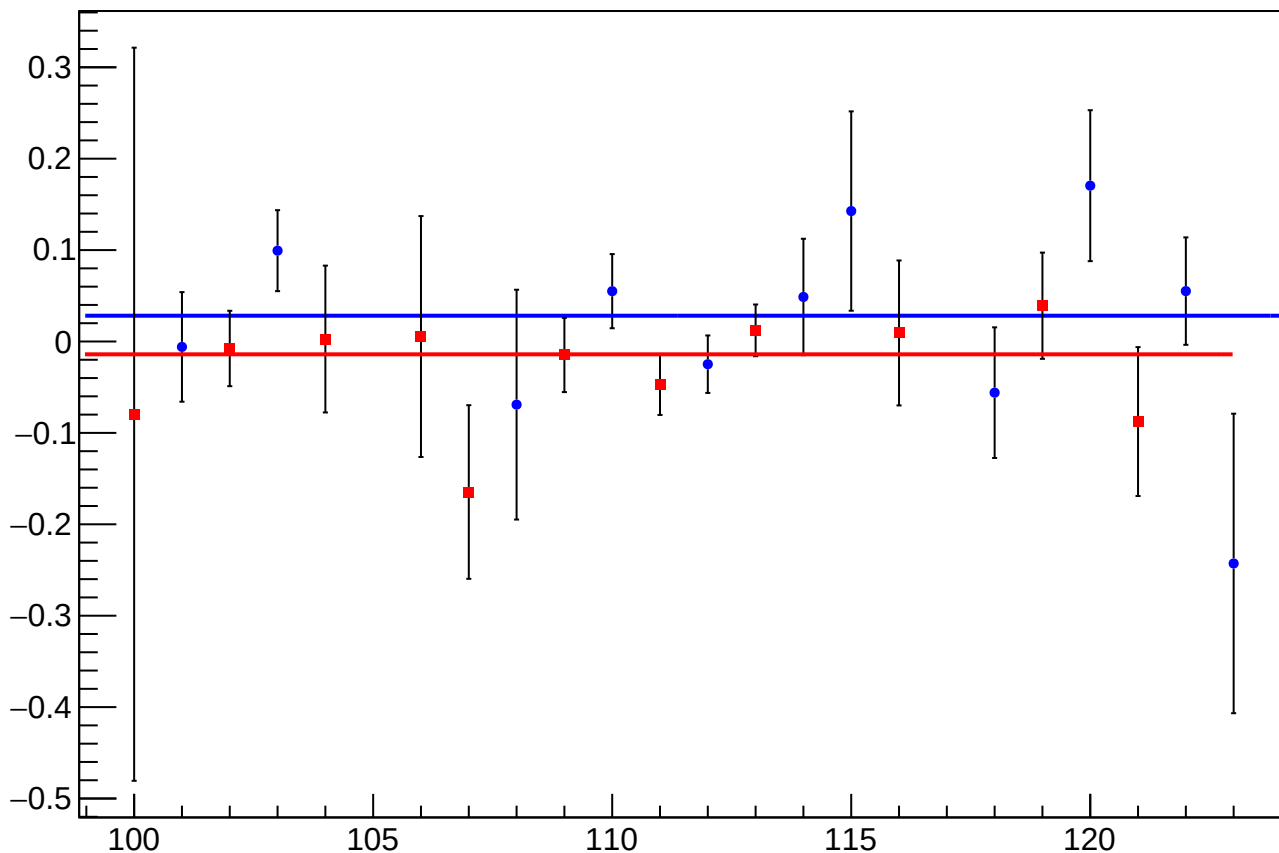
Right: 0.000+/-0.000 χ^2/NDF : 1172854.9/21

In: 0.000+/-0.000 χ^2/NDF : 508978.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1172854.9/21

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.015 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

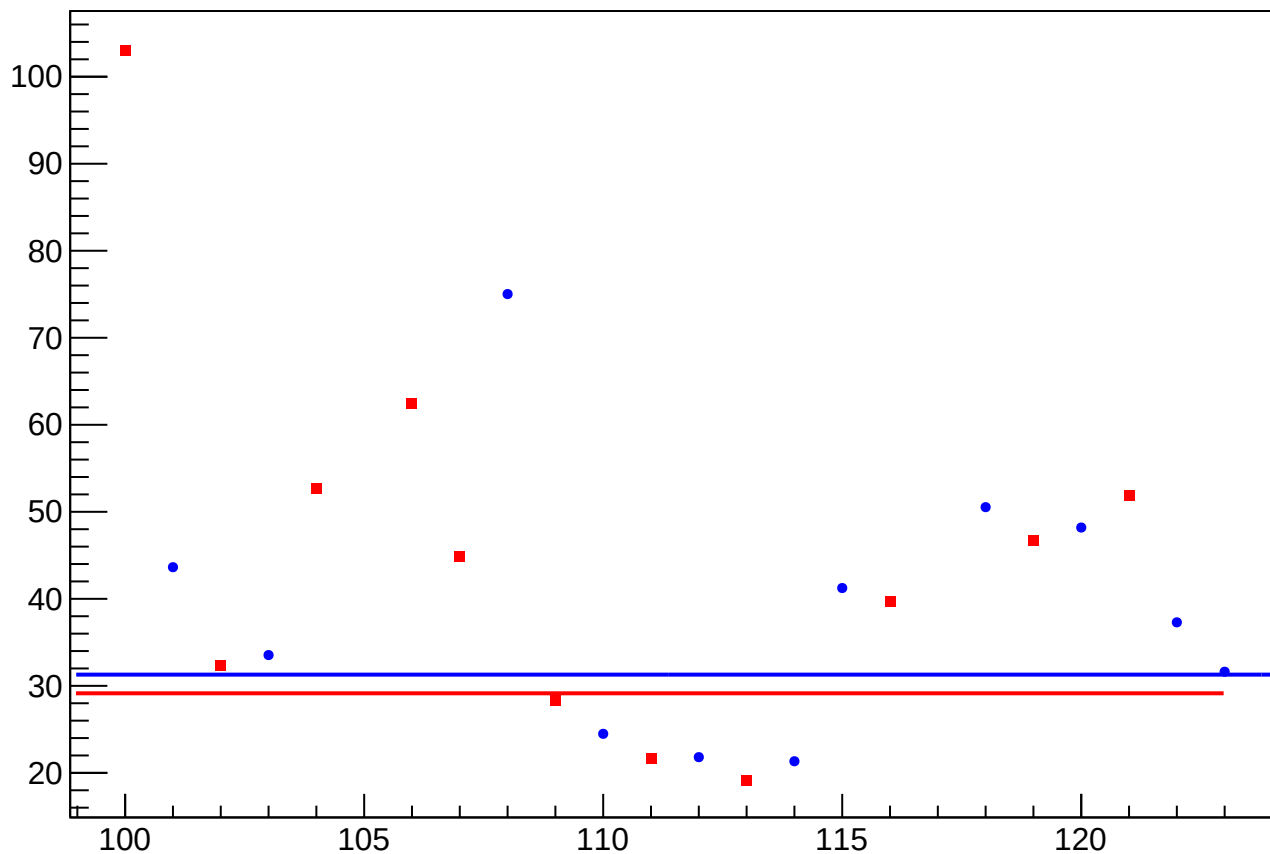
Right: 0.005+/-0.011 χ^2/NDF : 25.0/21

In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 25.0/21

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.290 $\pm$ 0.012 χ^2 /NDF: 885632.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.145 $\pm$ 0.011 χ^2 /NDF: 1165530.4/10

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

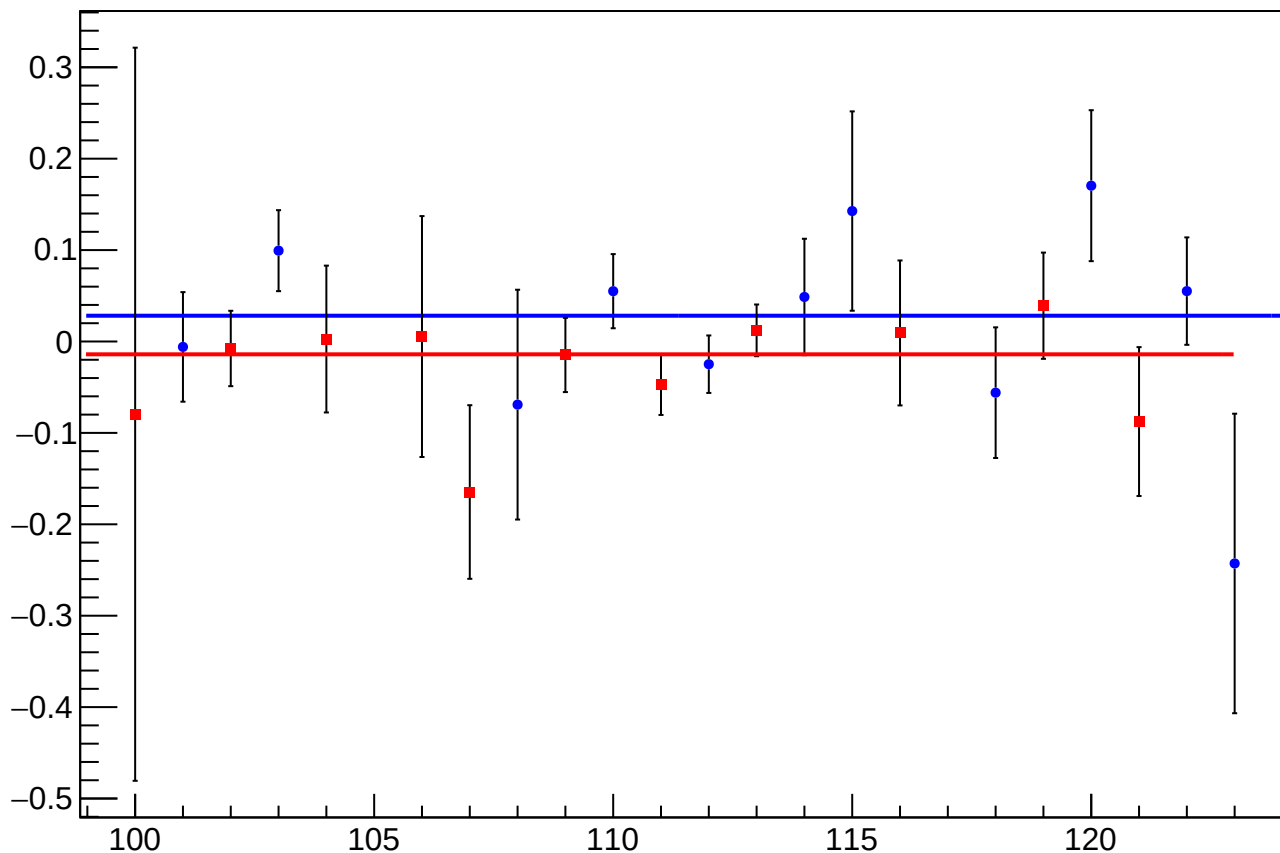
Right: 30.102 $\pm$ 0.008 χ^2 /NDF: 2068854.3/21

In: 31.290 $\pm$ 0.012 χ^2 /NDF:885632.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.102 $\pm$ 0.008 χ^2 /NDF: 2068854.3/21

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.015 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

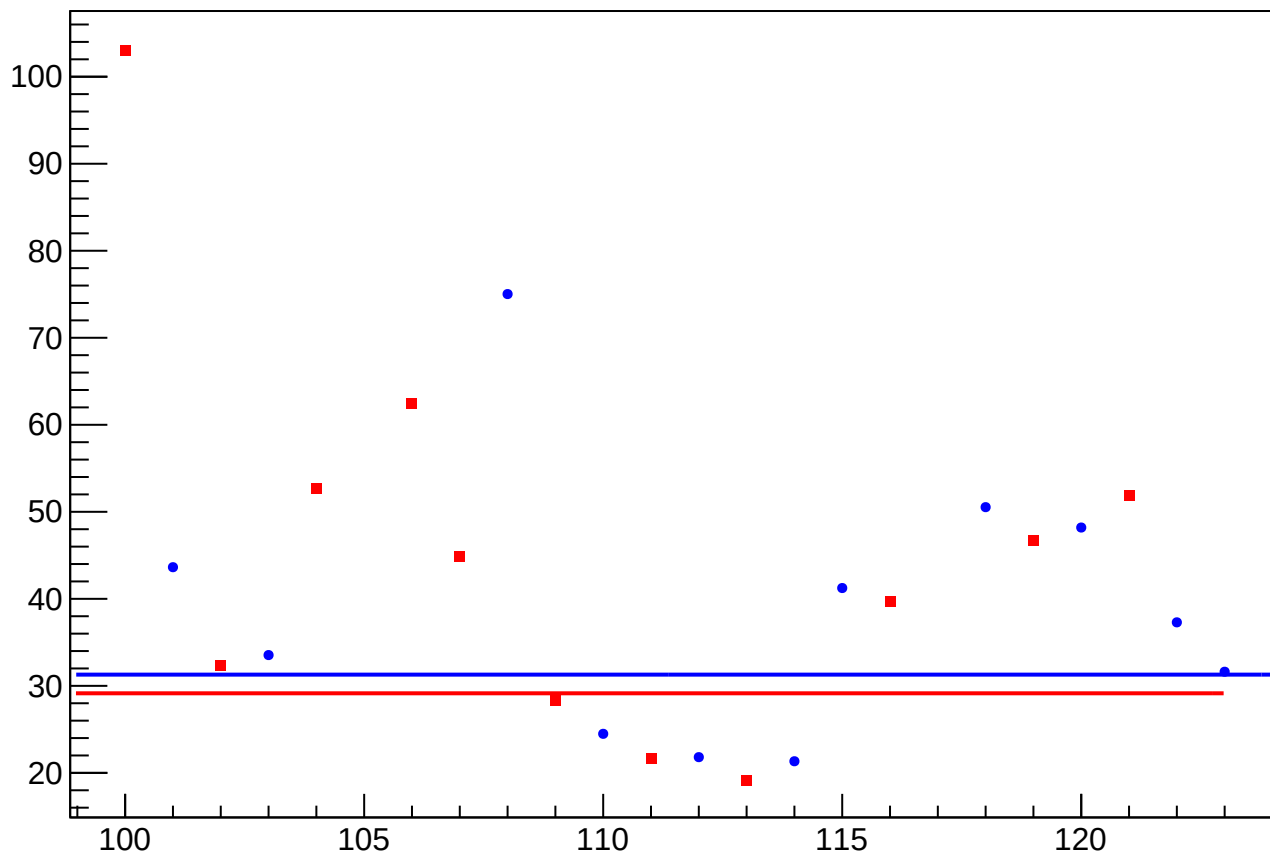
Right: 0.005+/-0.011 χ^2/NDF : 25.0/21

In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 25.0/21

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.290+/-0.012 χ^2/NDF : 885632.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.145+/-0.011 χ^2/NDF : 1165530.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

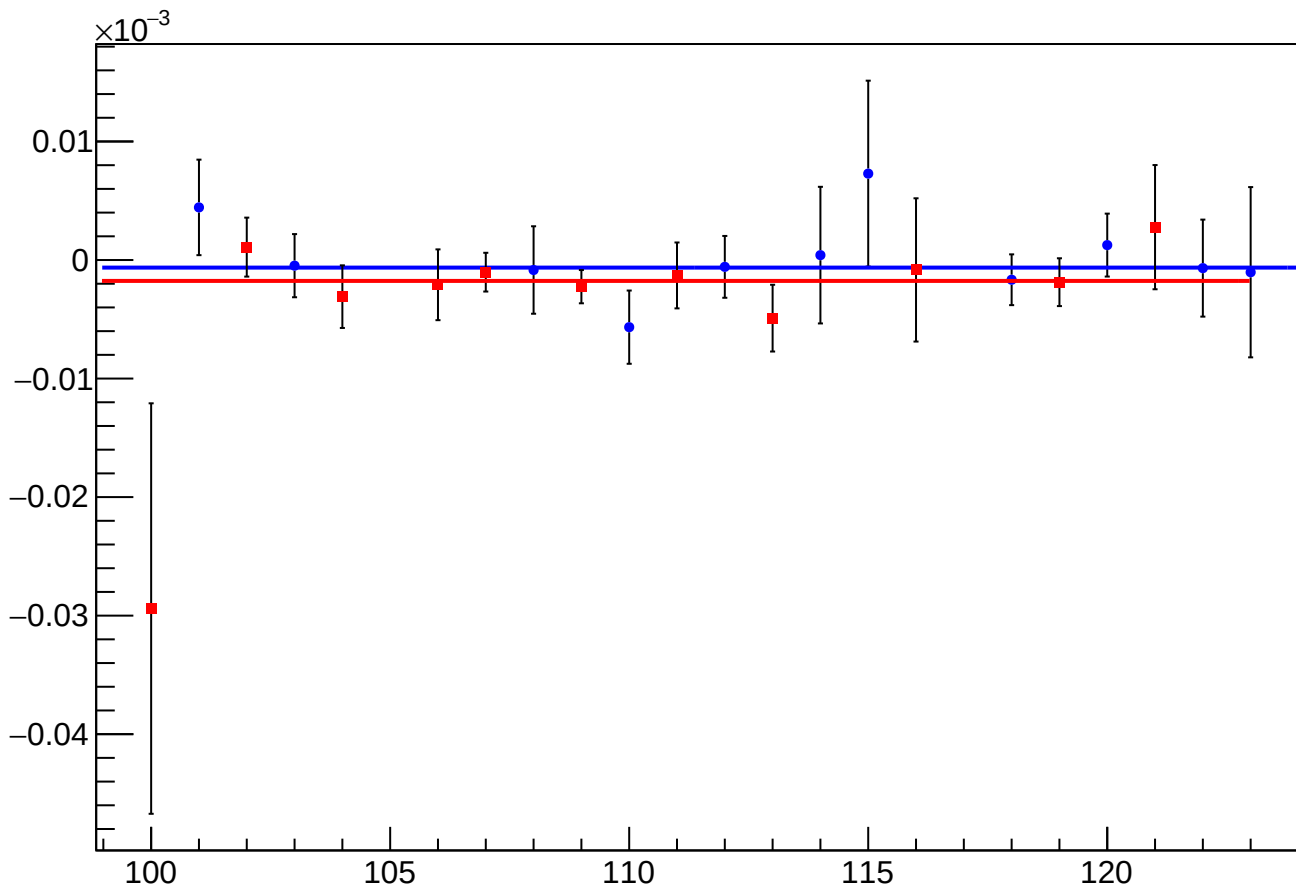
Right: 30.102+/-0.008 χ^2/NDF : 2068854.3/21

In: 31.290+/-0.012 χ^2/NDF : 885632.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.102+/-0.008 χ^2/NDF : 2068854.3/21

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/10

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

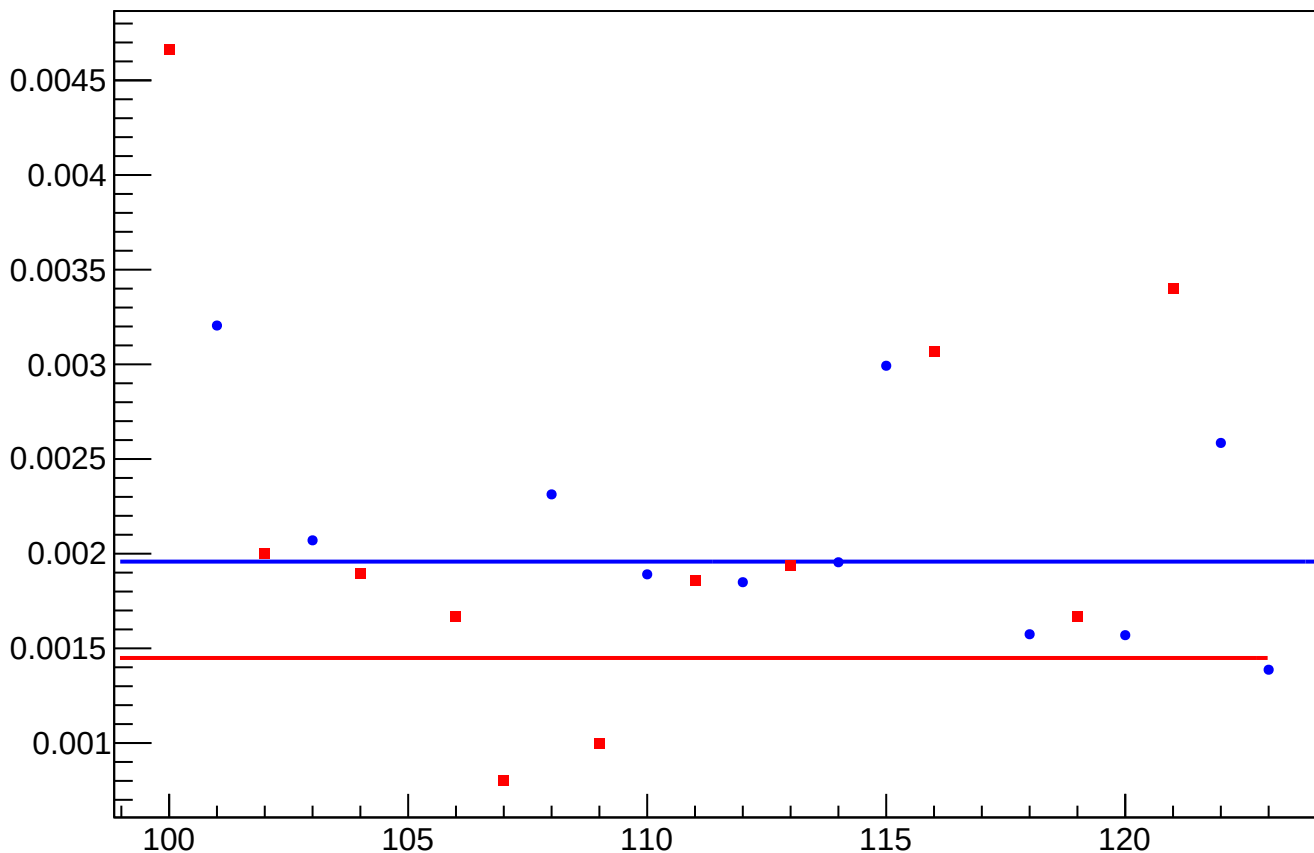
Right: -0.000+/-0.000 χ^2/NDF : 13.4/21

In: -0.000+/-0.000 χ^2/NDF : 6.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.4/21

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 419505.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1307406.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

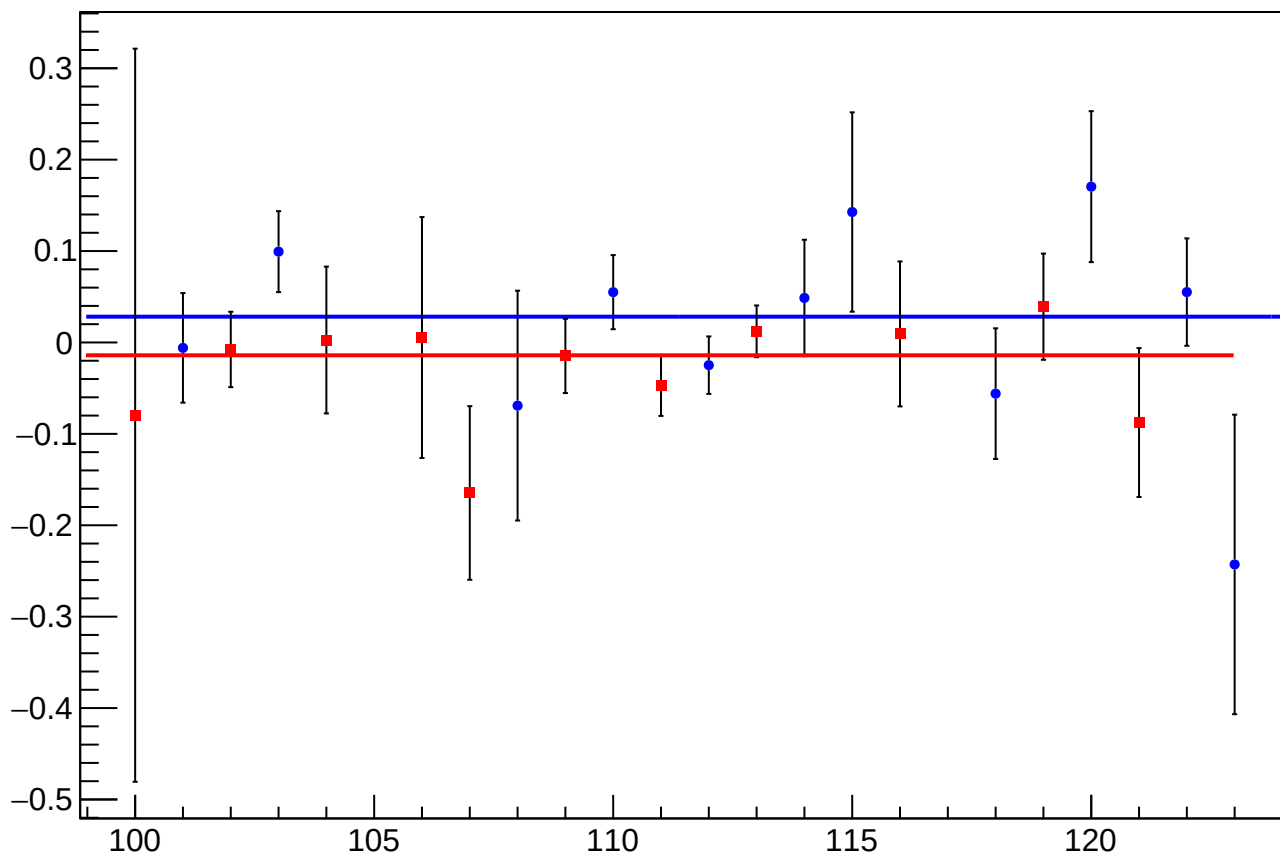
Right: 0.002+/-0.000 χ^2/NDF : 2067330.9/21

In: 0.002+/-0.000 χ^2/NDF :419505.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2067330.9/21

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.015 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

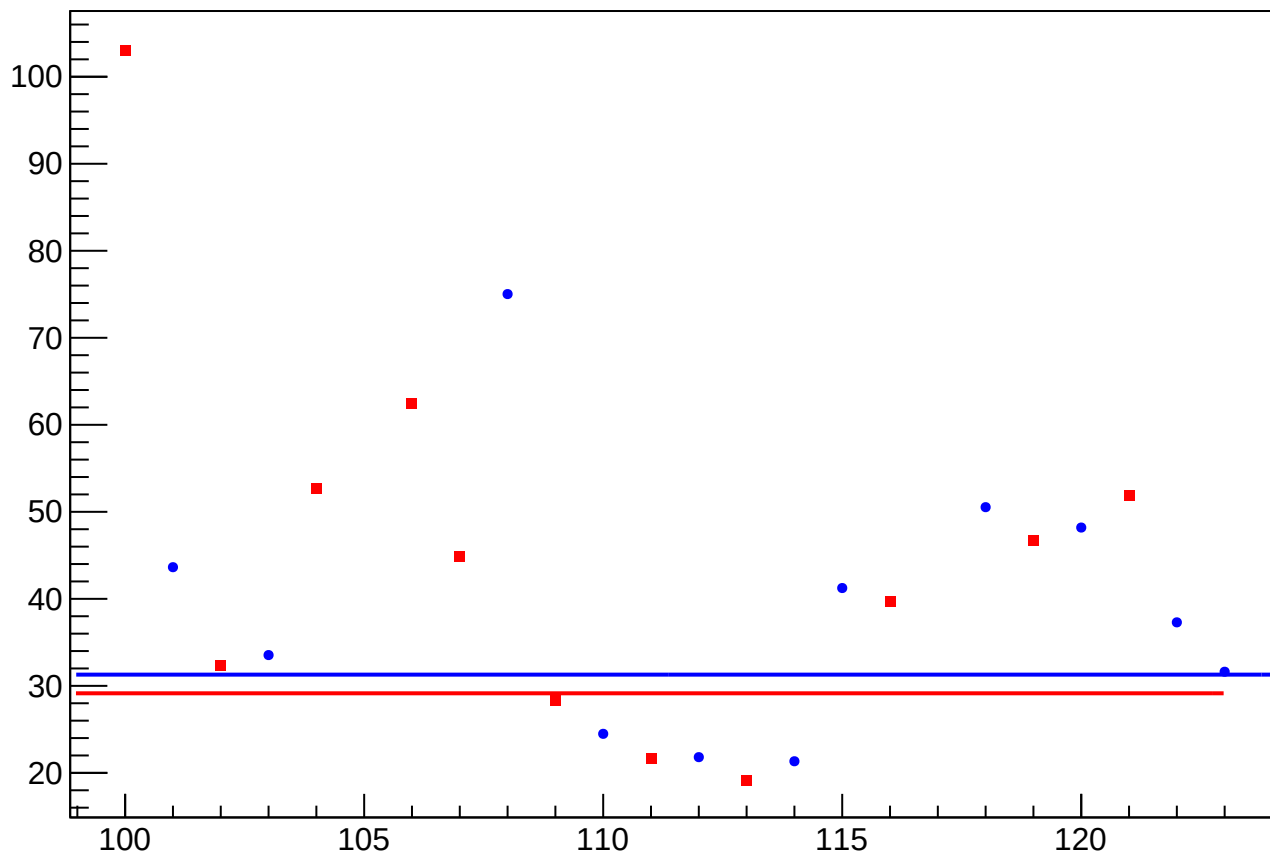
Right: 0.005+/-0.011 χ^2/NDF : 25.0/21

In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 25.0/21

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.290 $\pm$ 0.012 χ^2 /NDF: 885624.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.145 $\pm$ 0.011 χ^2 /NDF: 1165515.8/10

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

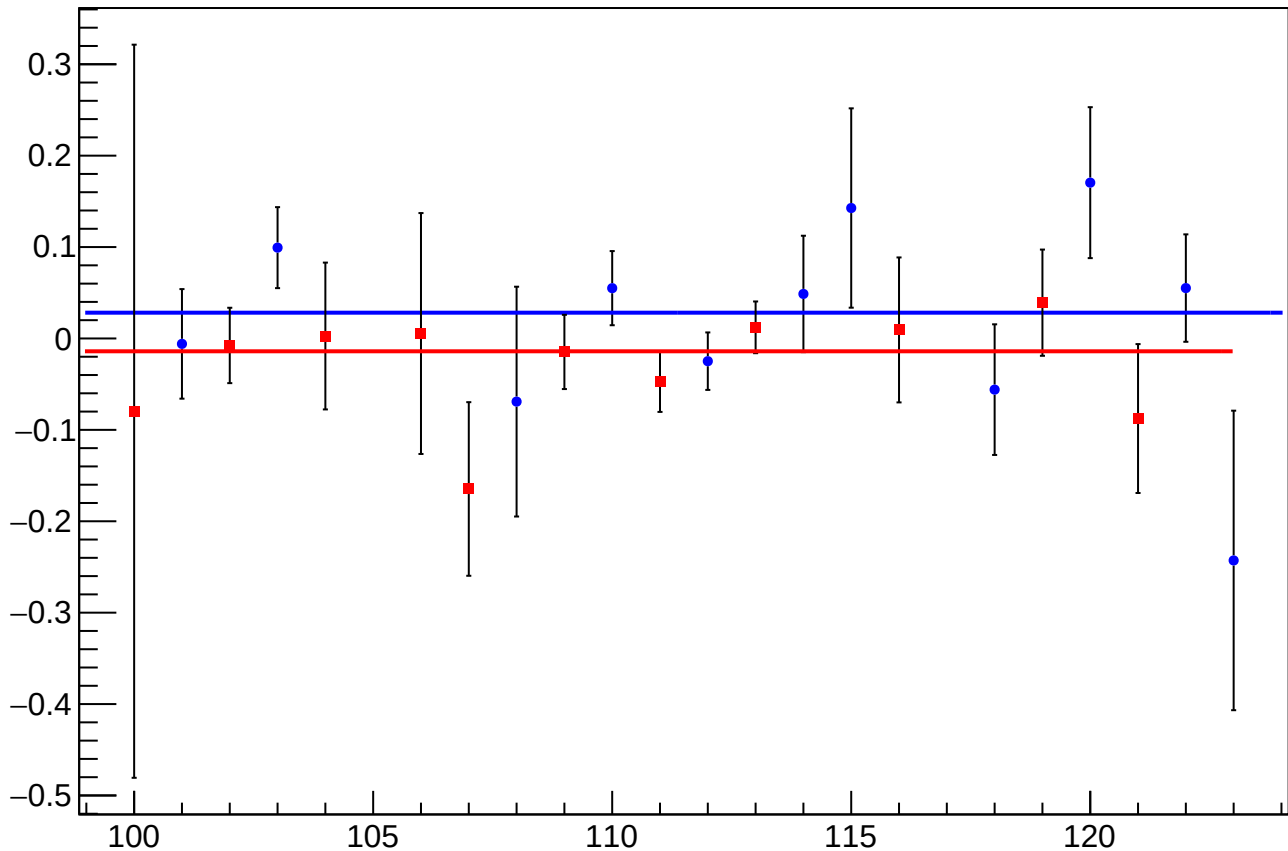
Right: 30.103 $\pm$ 0.008 χ^2 /NDF: 2068832.3/21

In: 31.290 $\pm$ 0.012 χ^2 /NDF:885624.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.103 $\pm$ 0.008 χ^2 /NDF: 2068832.3/21

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.015 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

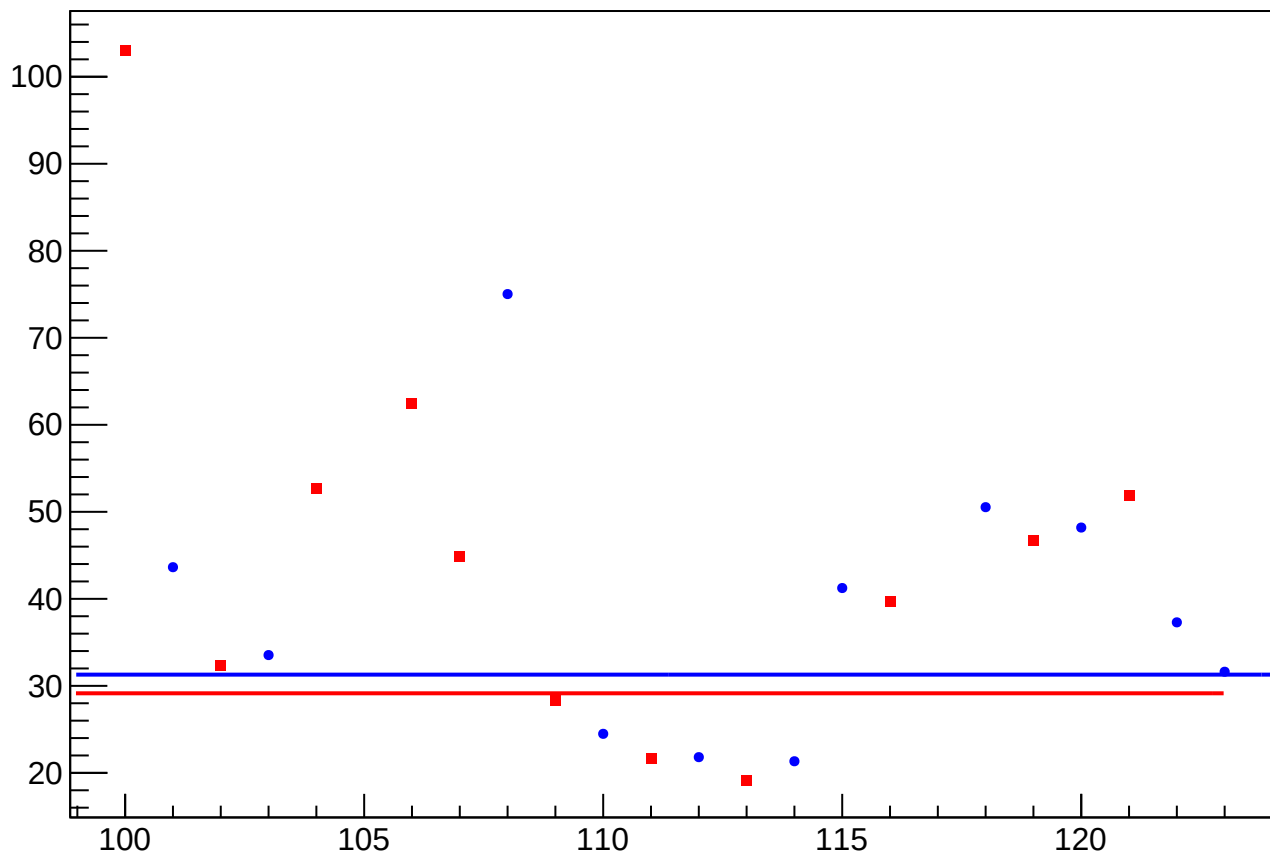
Right: 0.005+/-0.011 χ^2/NDF : 25.0/21

In: 0.028+/-0.017 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 25.0/21

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.290+/-0.012 χ^2/NDF : 885624.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.145+/-0.011 χ^2/NDF : 1165515.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

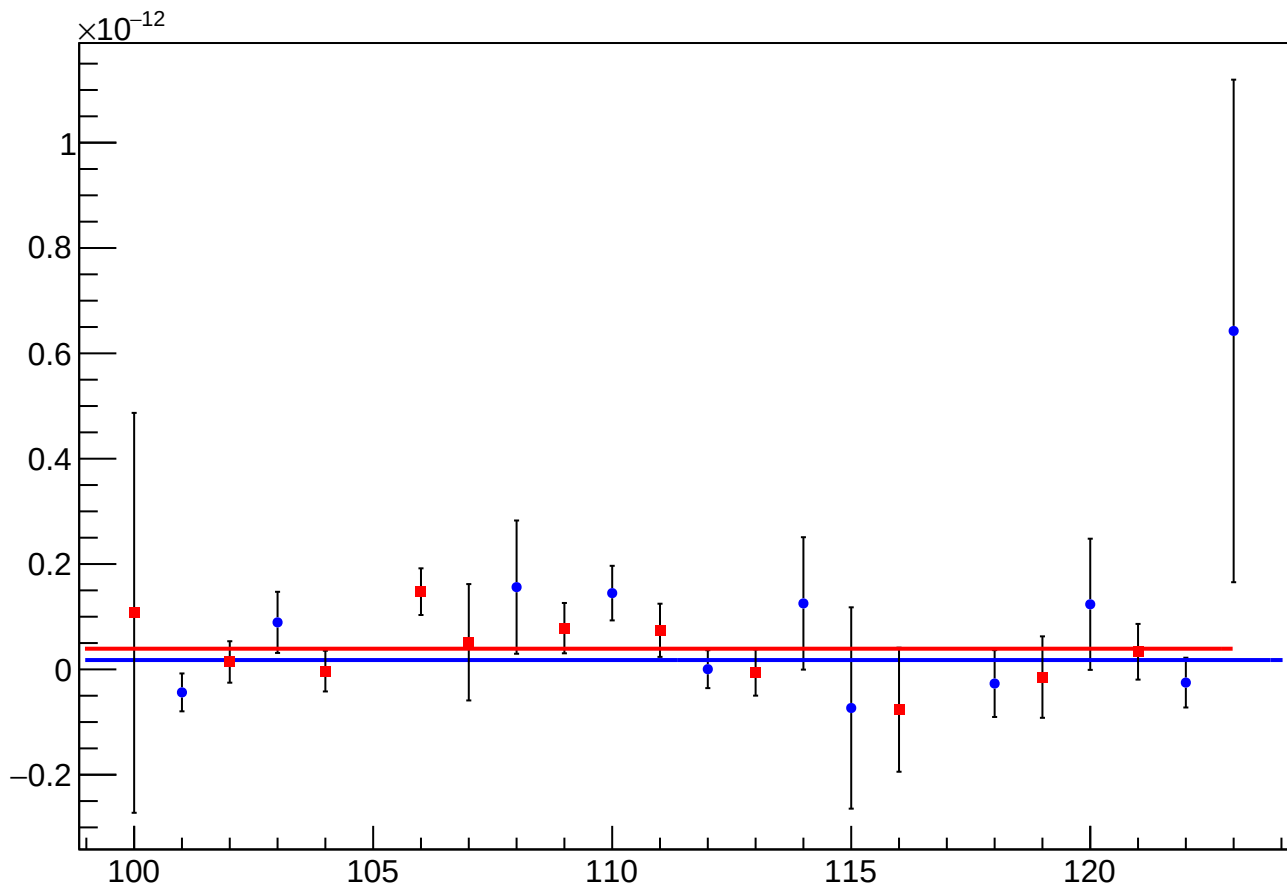
Right: 30.103+/-0.008 χ^2/NDF : 2068832.3/21

In: 31.290+/-0.012 χ^2/NDF : 885624.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.103+/-0.008 χ^2/NDF : 2068832.3/21

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

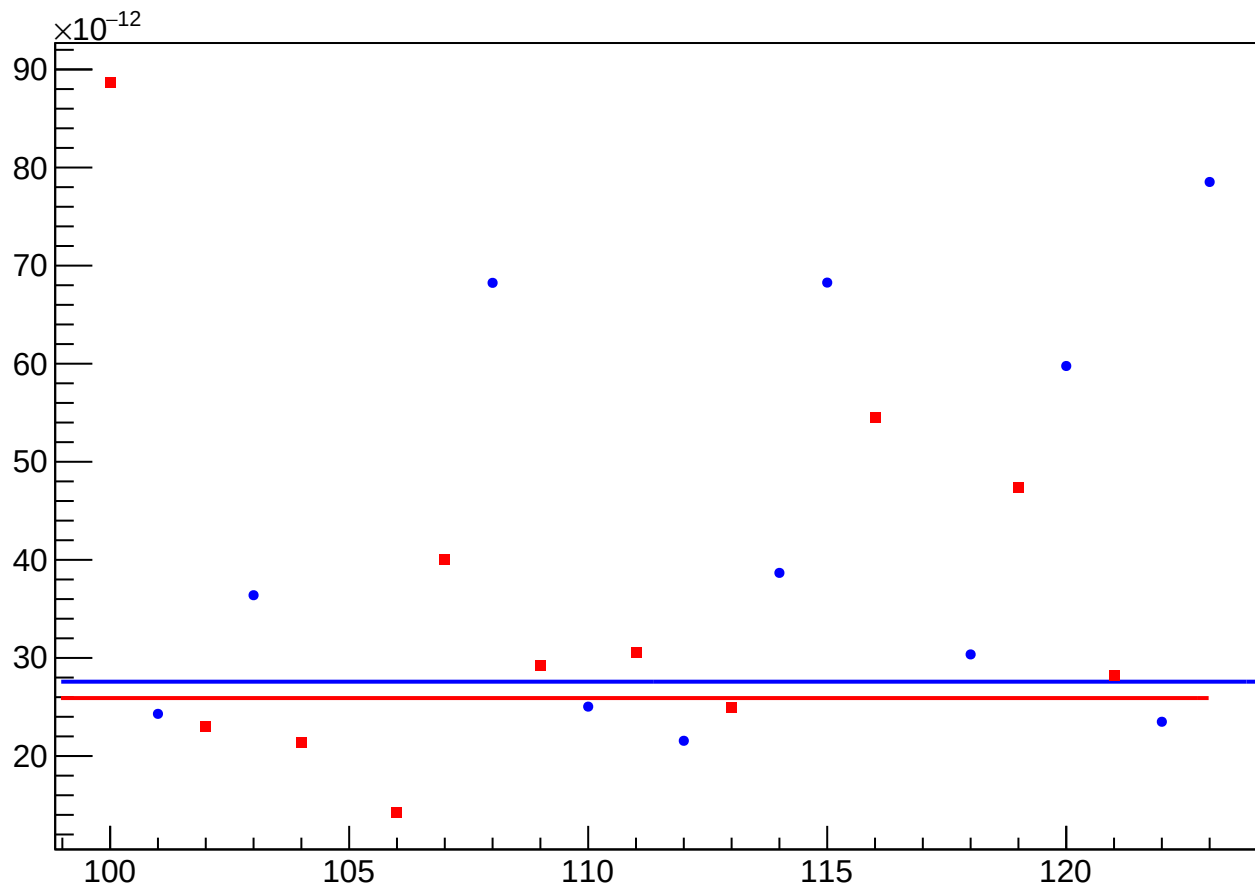
Right: 0.000+/-0.000 χ^2/NDF : 28.7/21

In: 0.000+/-0.000 χ^2/NDF : 16.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/21

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 611774.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 567793.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

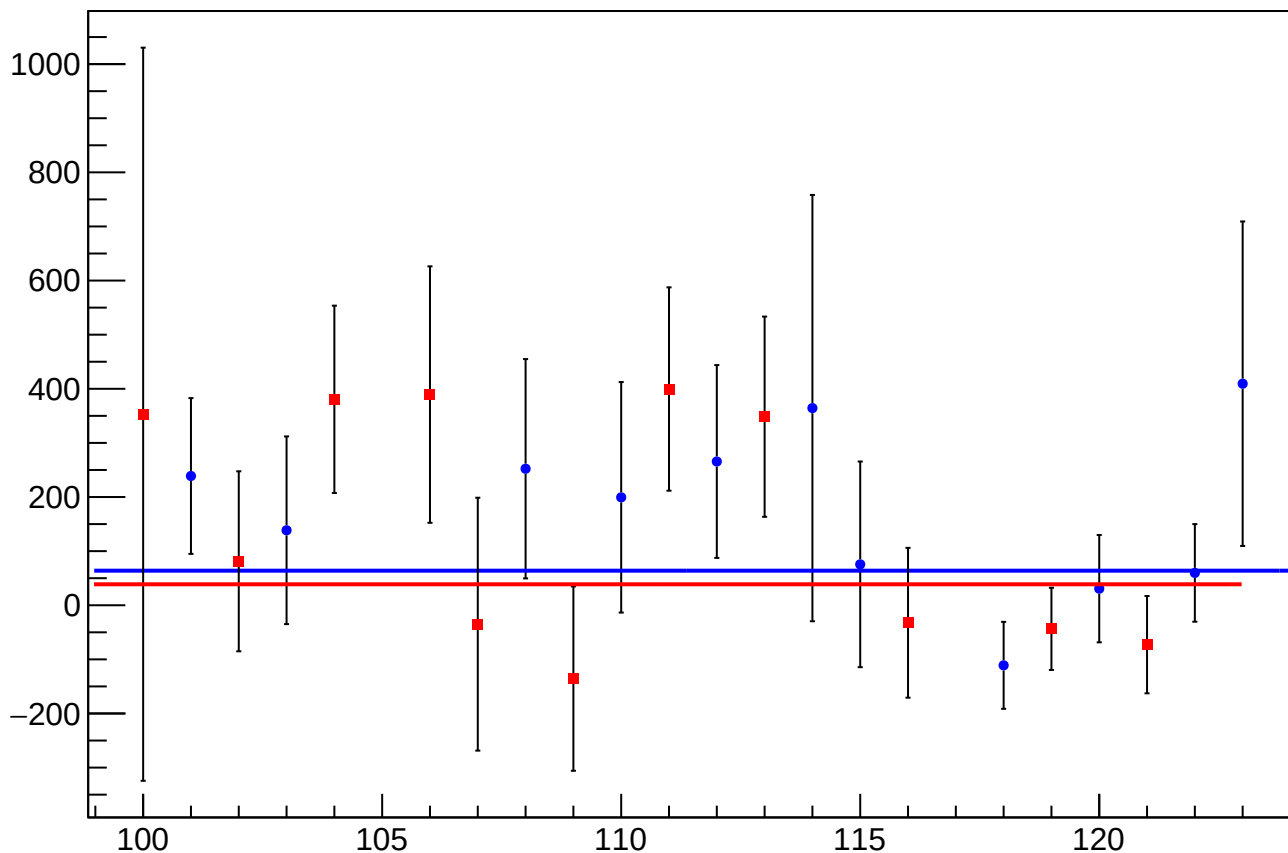
Right: 0.000+/-0.000 χ^2/NDF : 1189216.0/21

In: 0.000+/-0.000 χ^2/NDF : 611774.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1189216.0/21

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 63.885 $\pm$ 41.377 χ^2 /NDF: 11.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.741 $\pm$ 42.678 χ^2 /NDF: 17.0/10

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

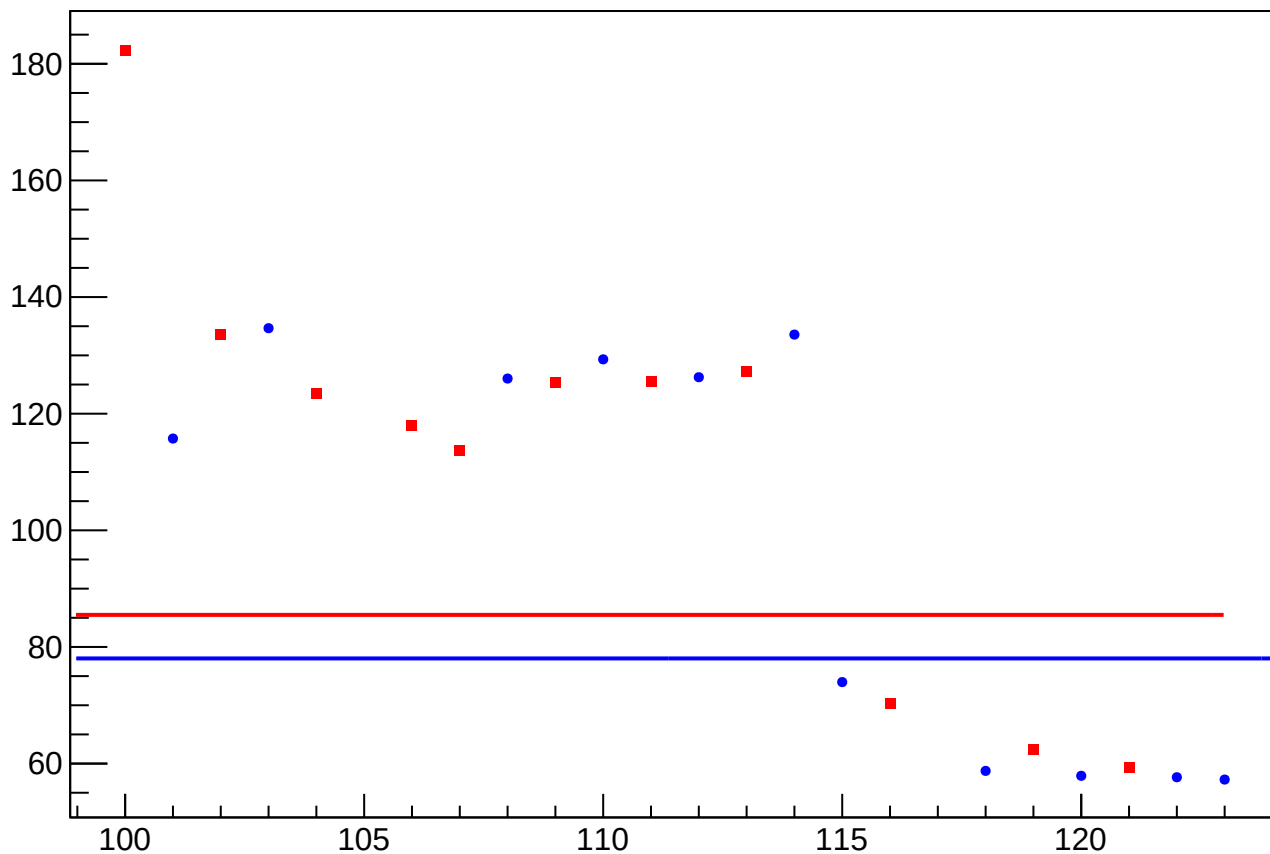
Right: 51.701 $\pm$ 29.707 χ^2 /NDF: 28.1/21

In: 63.885 $\pm$ 41.377 χ^2 /NDF:11.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.701 $\pm$ 29.707 χ^2 /NDF: 28.1/21

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 78.031+/-0.029 χ^2/NDF : 1074988.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.500+/-0.030 χ^2/NDF : 1052199.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

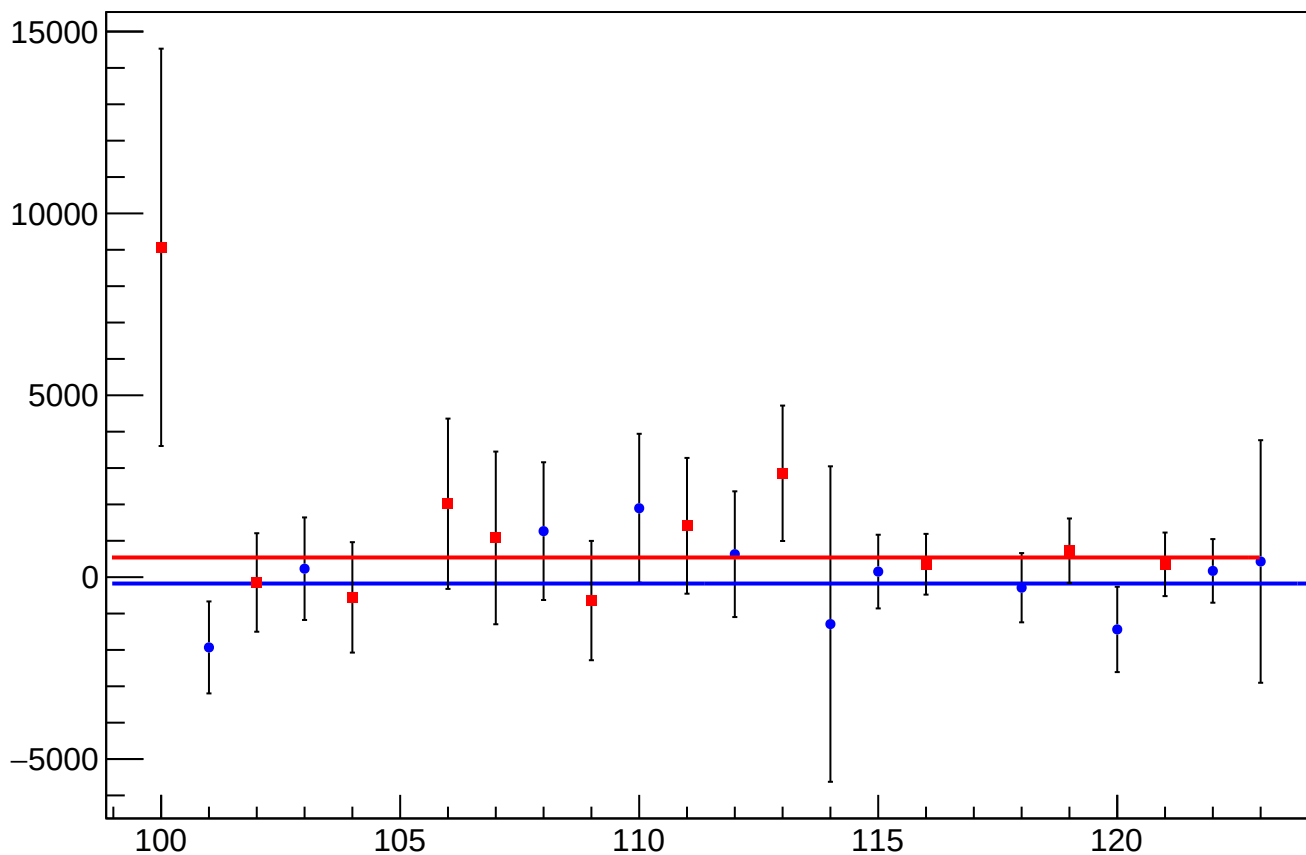
Right: 81.650+/-0.021 χ^2/NDF : 2158766.3/21

In: 78.031+/-0.029 χ^2/NDF : 1074988.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.650+/-0.021 χ^2/NDF : 2158766.3/21

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -174.890+/-400.405 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.429+/-397.188 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

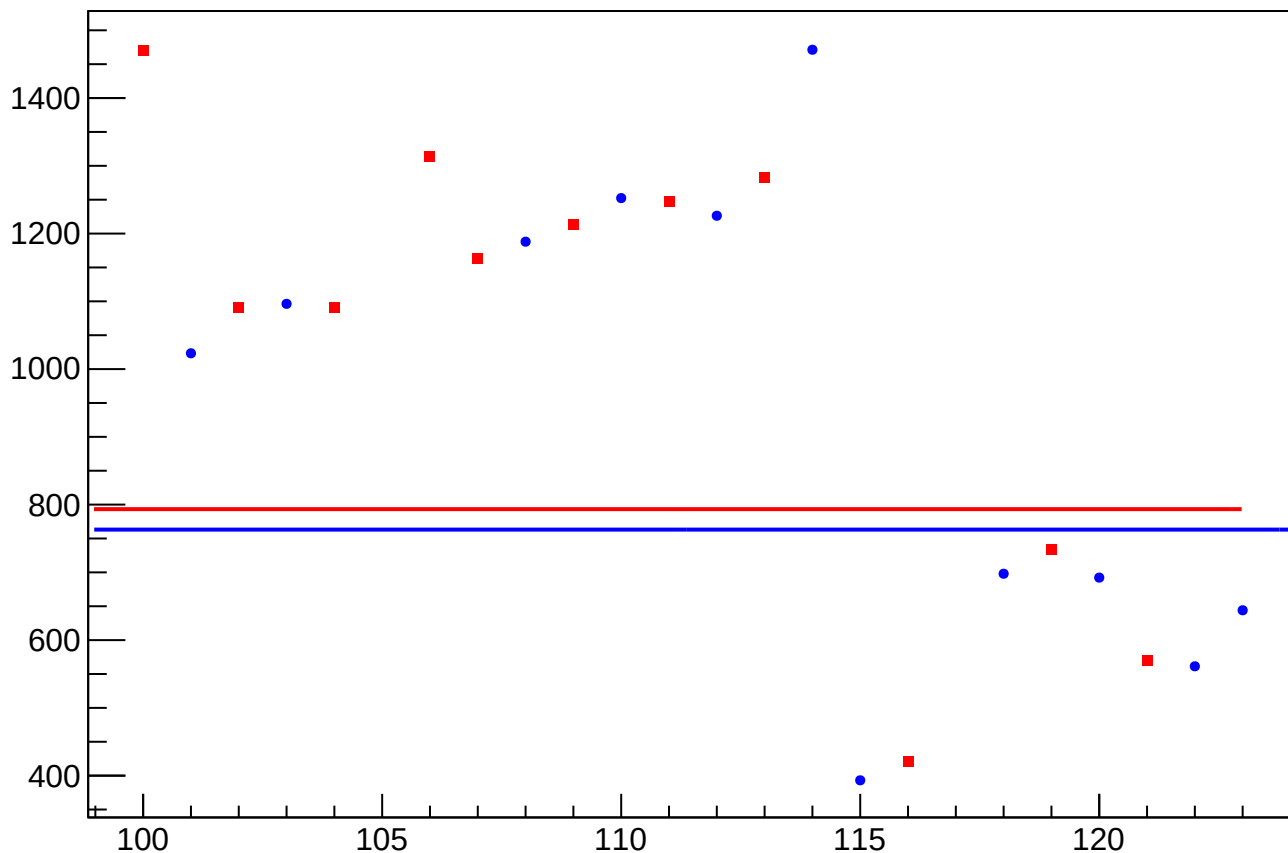
Right: 186.159+/-281.985 χ^2/NDF : 13.1/21

In: -174.890+/-400.405 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.159+/-281.985 χ^2/NDF : 13.1/21

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 763.126+/-0.283 χ^2/NDF : 1001156.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.318+/-0.281 χ^2/NDF : 1277253.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

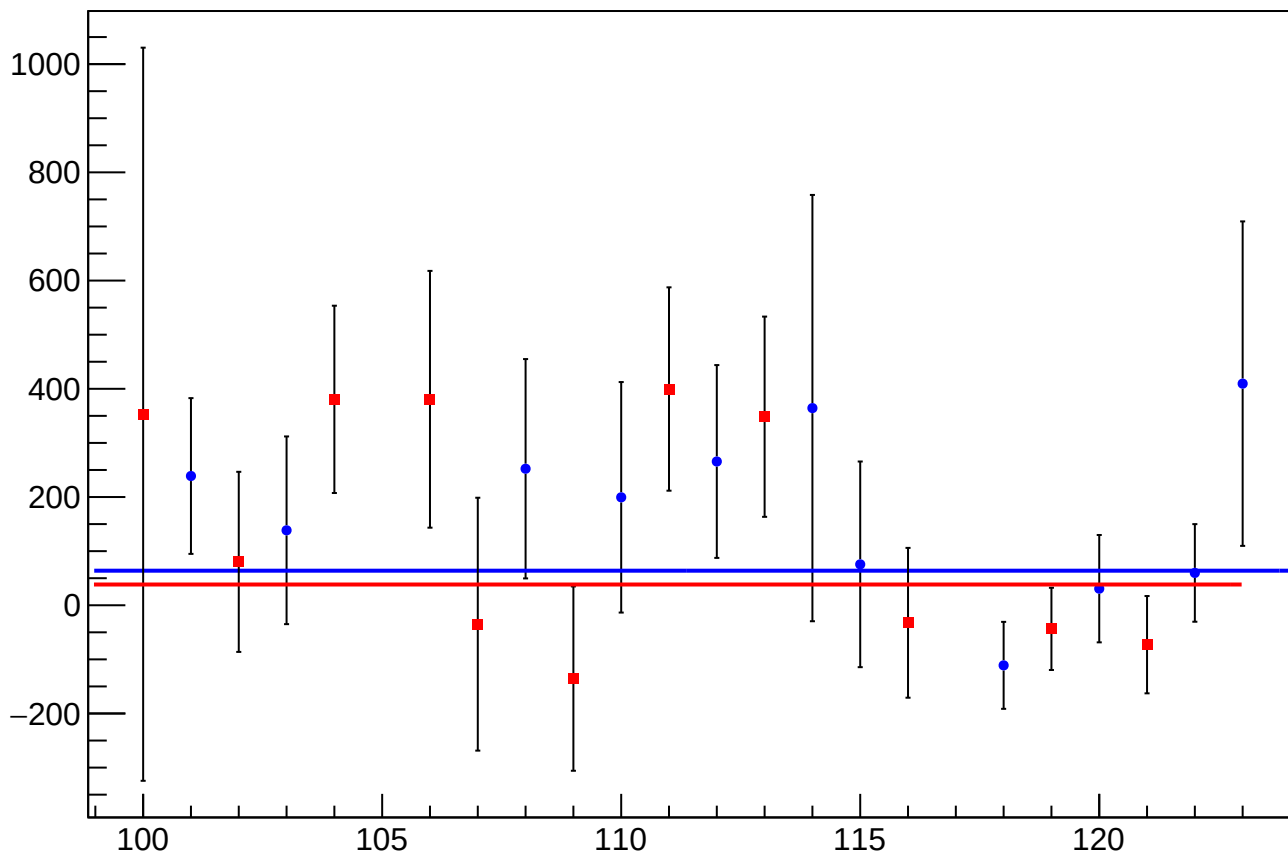
Right: 778.344+/-0.199 χ^2/NDF : 2284141.2/21

In: 763.126+/-0.283 χ^2/NDF : 1001156.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.344+/-0.199 χ^2/NDF : 2284141.2/21

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 63.880+/-41.377 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.348+/-42.681 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

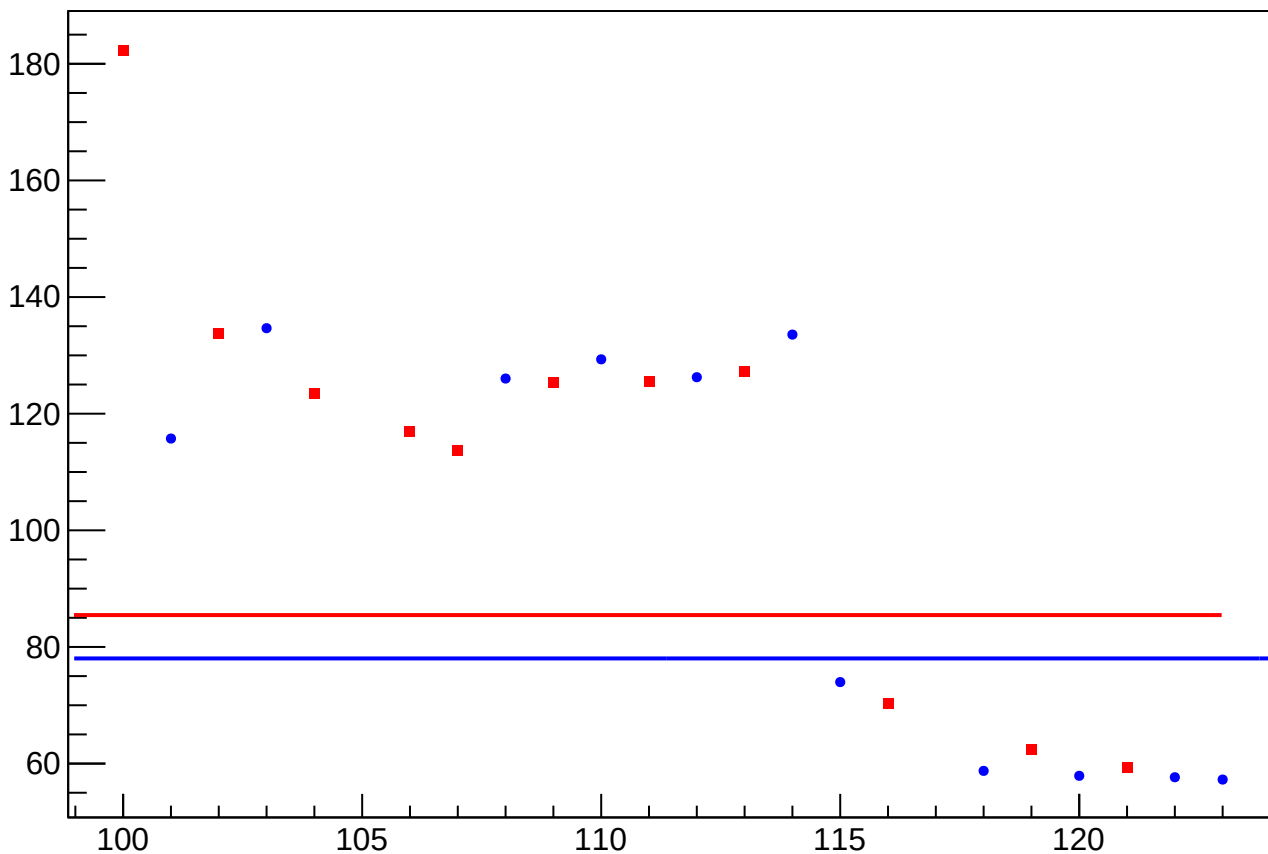
Right: 51.510+/-29.708 χ^2/NDF : 28.0/21

In: 63.880+/-41.377 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.510+/-29.708 χ^2/NDF : 28.0/21

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 78.031+/-0.029 χ^2/NDF : 1074990.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.466+/-0.030 χ^2/NDF : 1050106.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

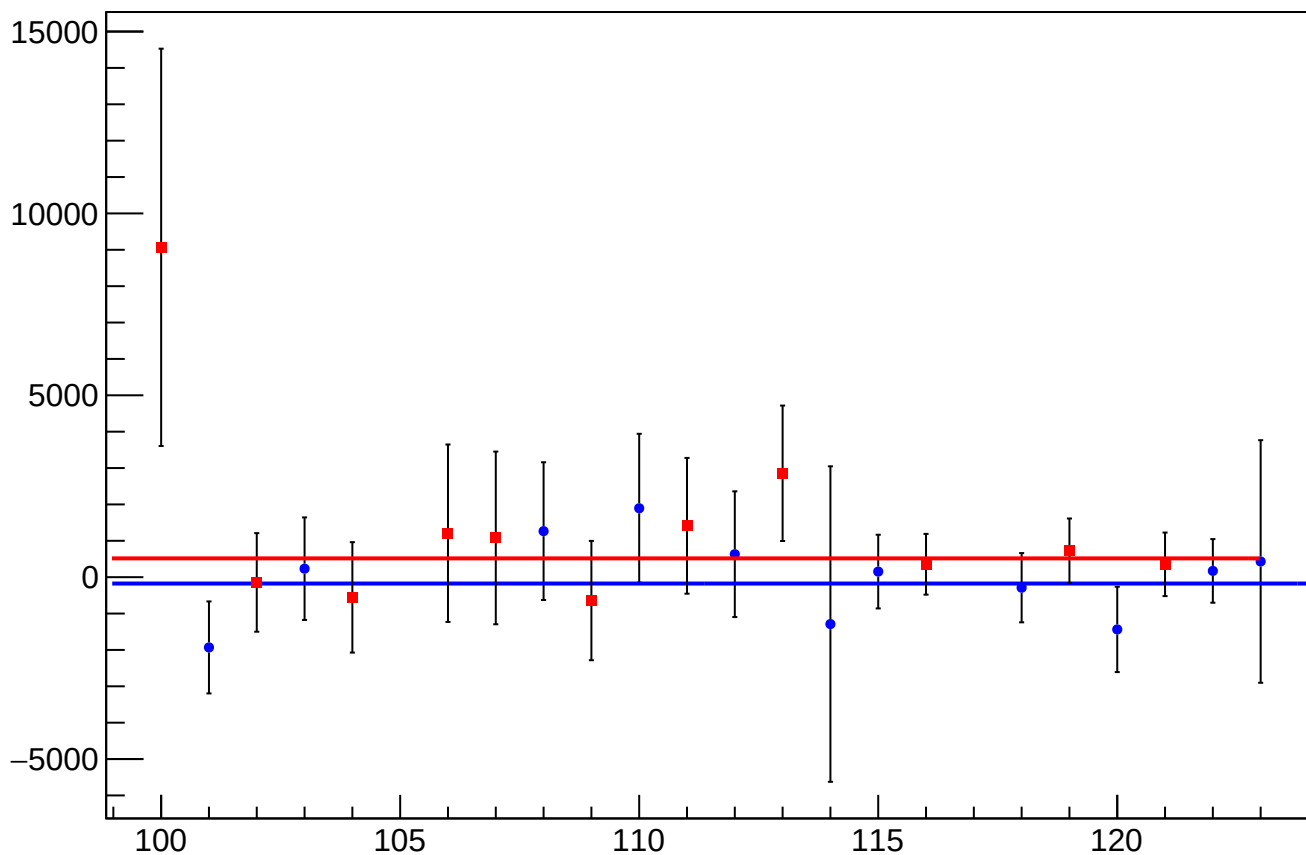
Right: 81.633+/-0.021 χ^2/NDF : 2156383.8/21

In: 78.031+/-0.029 χ^2/NDF : 1074990.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.633+/-0.021 χ^2/NDF : 2156383.8/21

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -174.842+/-400.407 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.826+/-397.664 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

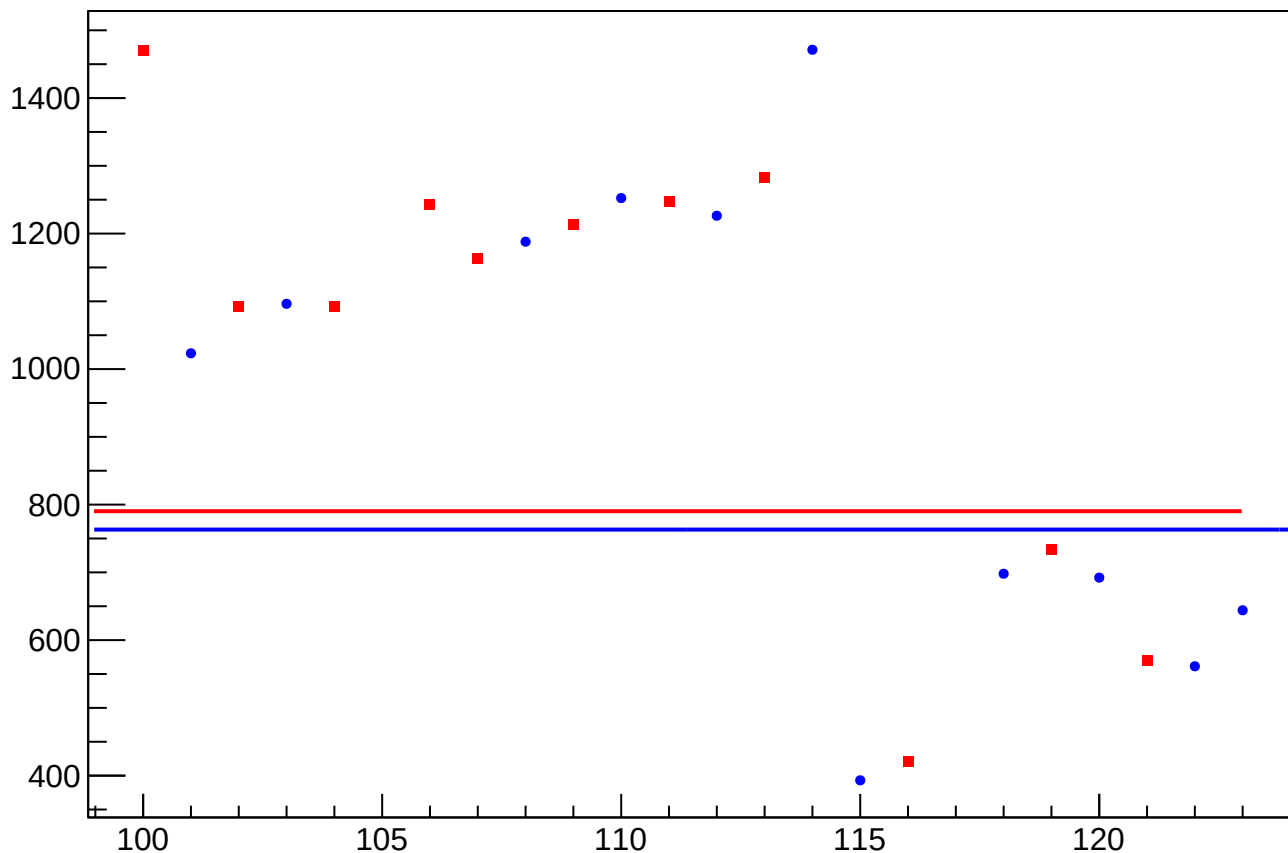
Right: 173.369+/-282.156 χ^2/NDF : 12.6/21

In: -174.842+/-400.407 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.369+/-282.156 χ^2/NDF : 12.6/21

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 763.127+/-0.283 χ^2/NDF : 1001190.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 790.279+/-0.281 χ^2/NDF : 1246564.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

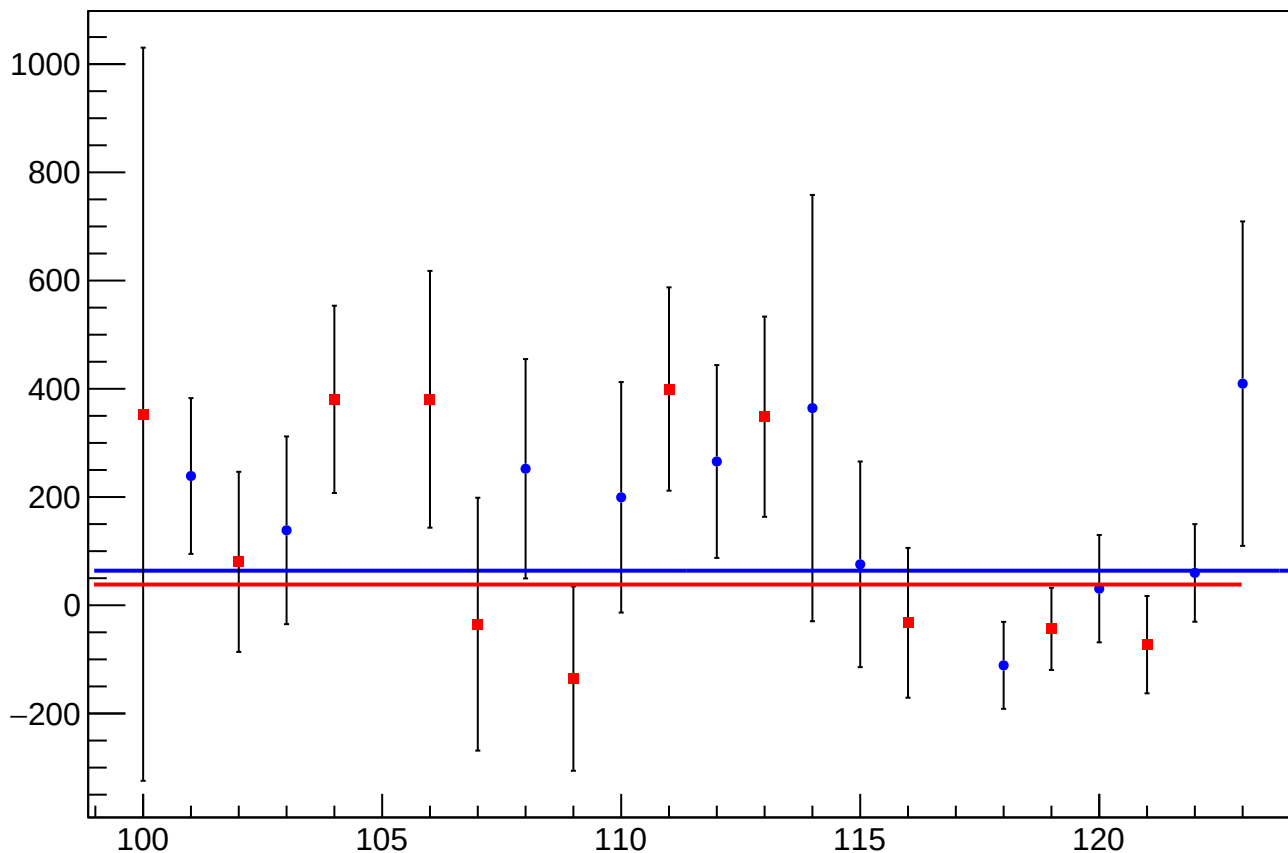
Right: 776.796+/-0.200 χ^2/NDF : 2252384.7/21

In: 763.127+/-0.283 χ^2/NDF : 1001190.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.796+/-0.200 χ^2/NDF : 2252384.7/21

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 63.880 $\pm$ 41.377 χ^2 /NDF: 11.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.348 $\pm$ 42.681 χ^2 /NDF: 16.9/10

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

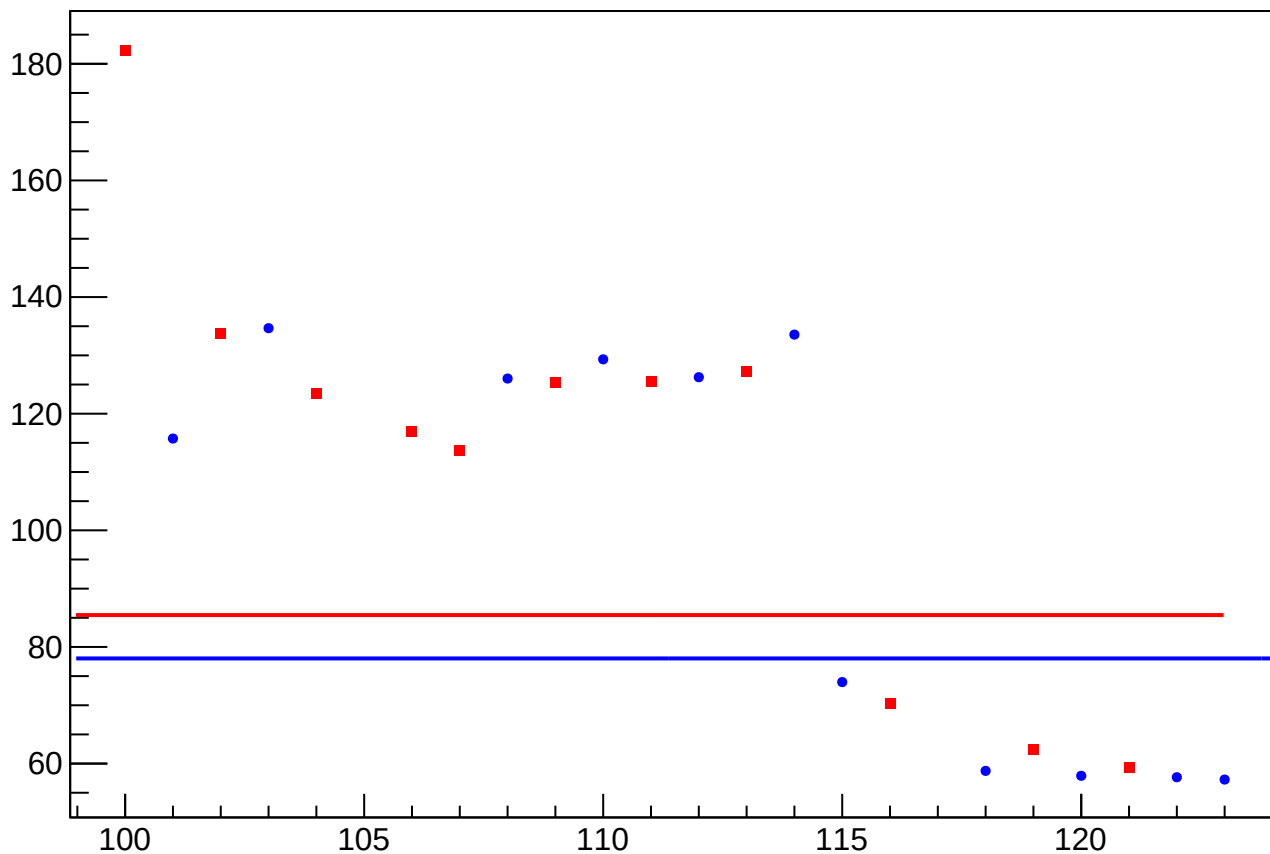
Right: 51.510 $\pm$ 29.708 χ^2 /NDF: 28.0/21

In: 63.880 $\pm$ 41.377 χ^2 /NDF:11.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.510 $\pm$ 29.708 χ^2 /NDF: 28.0/21

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 78.031+/-0.029 χ^2/NDF : 1074990.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.466+/-0.030 χ^2/NDF : 1050106.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

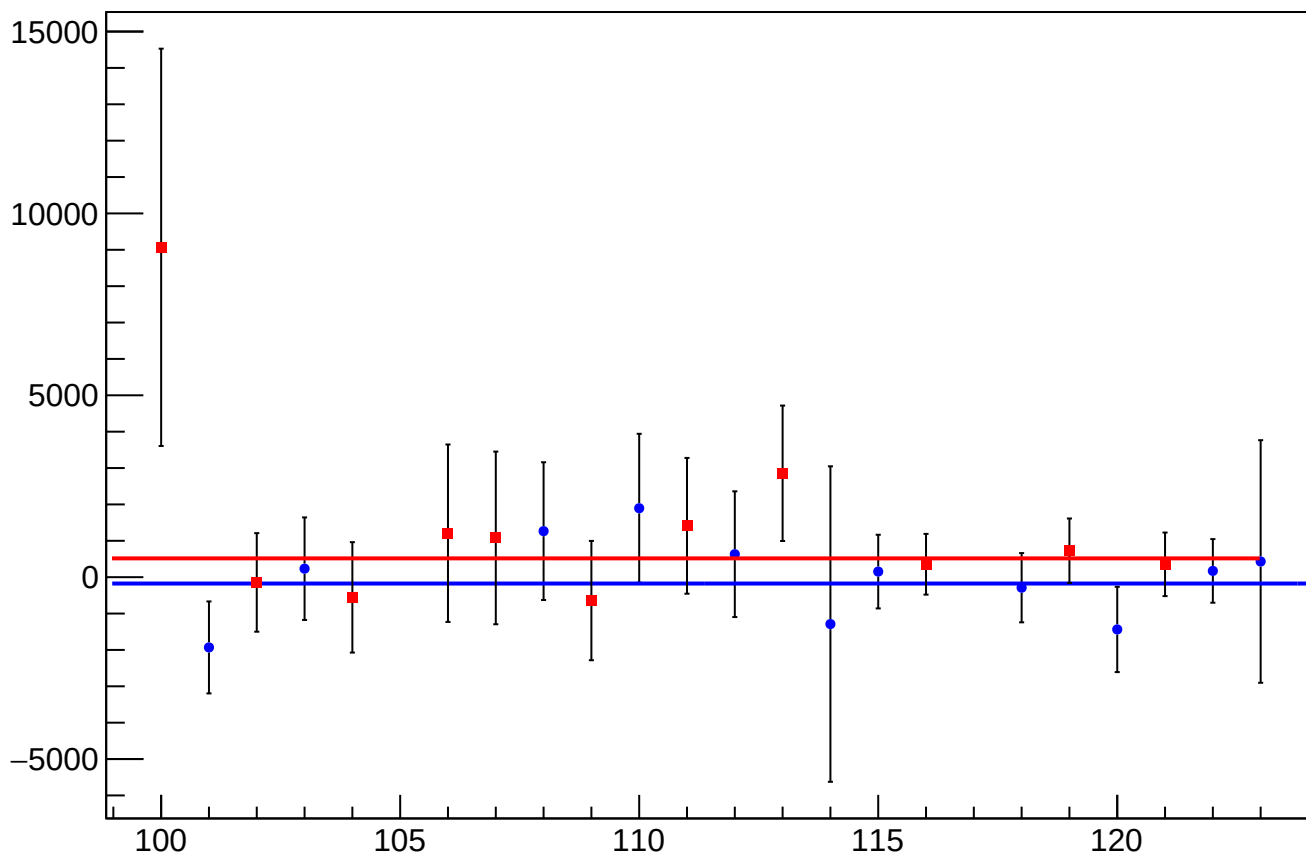
Right: 81.633+/-0.021 χ^2/NDF : 2156383.8/21

In: 78.031+/-0.029 χ^2/NDF : 1074990.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.633+/-0.021 χ^2/NDF : 2156383.8/21

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -174.842 $\pm$ 400.407 χ^2 /NDF: 5.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 516.826 $\pm$ 397.664 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

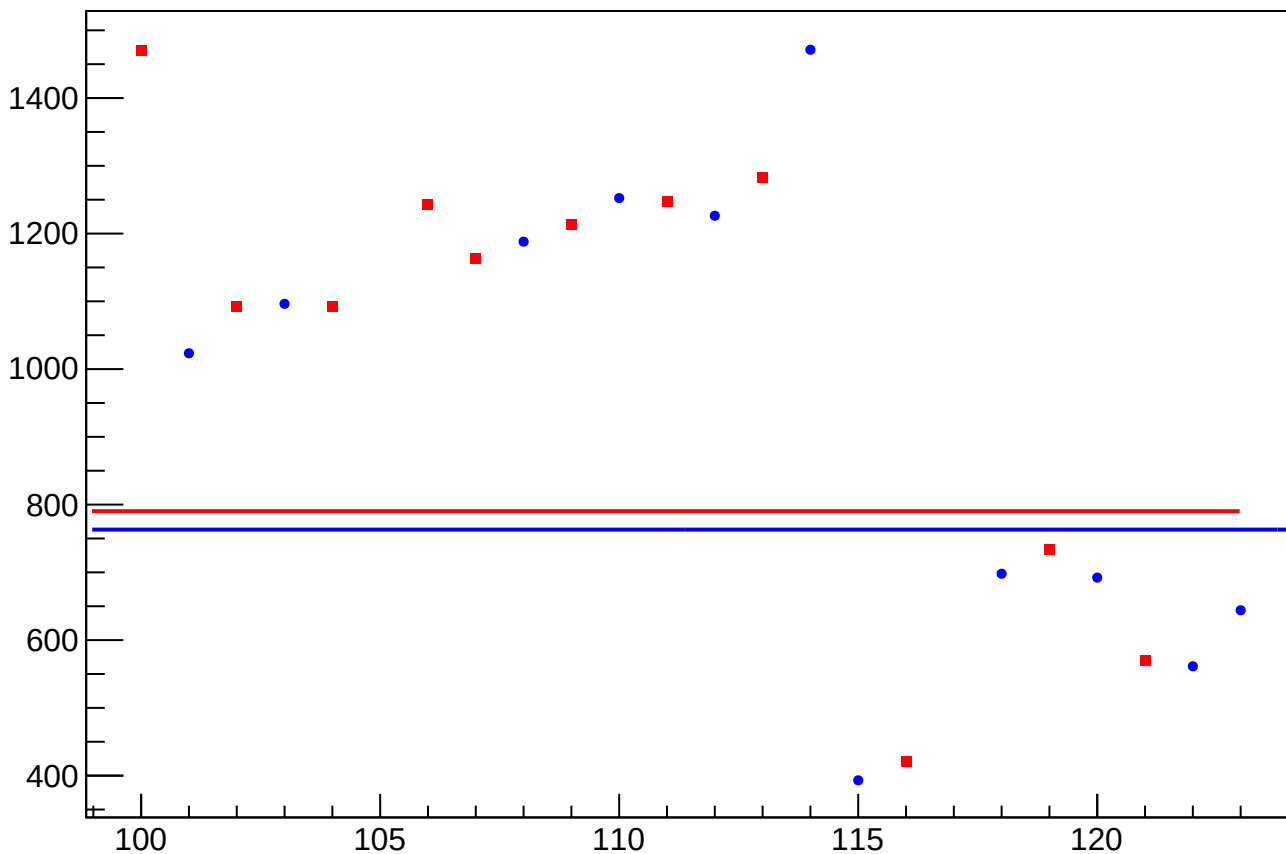
Right: 173.369 $\pm$ 282.156 χ^2 /NDF: 12.6/21

In: -174.842 $\pm$ 400.407 χ^2 /NDF:5.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.369 $\pm$ 282.156 χ^2 /NDF: 12.6/21

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 763.127+/-0.283 χ^2/NDF : 1001190.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 790.279+/-0.281 χ^2/NDF : 1246564.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

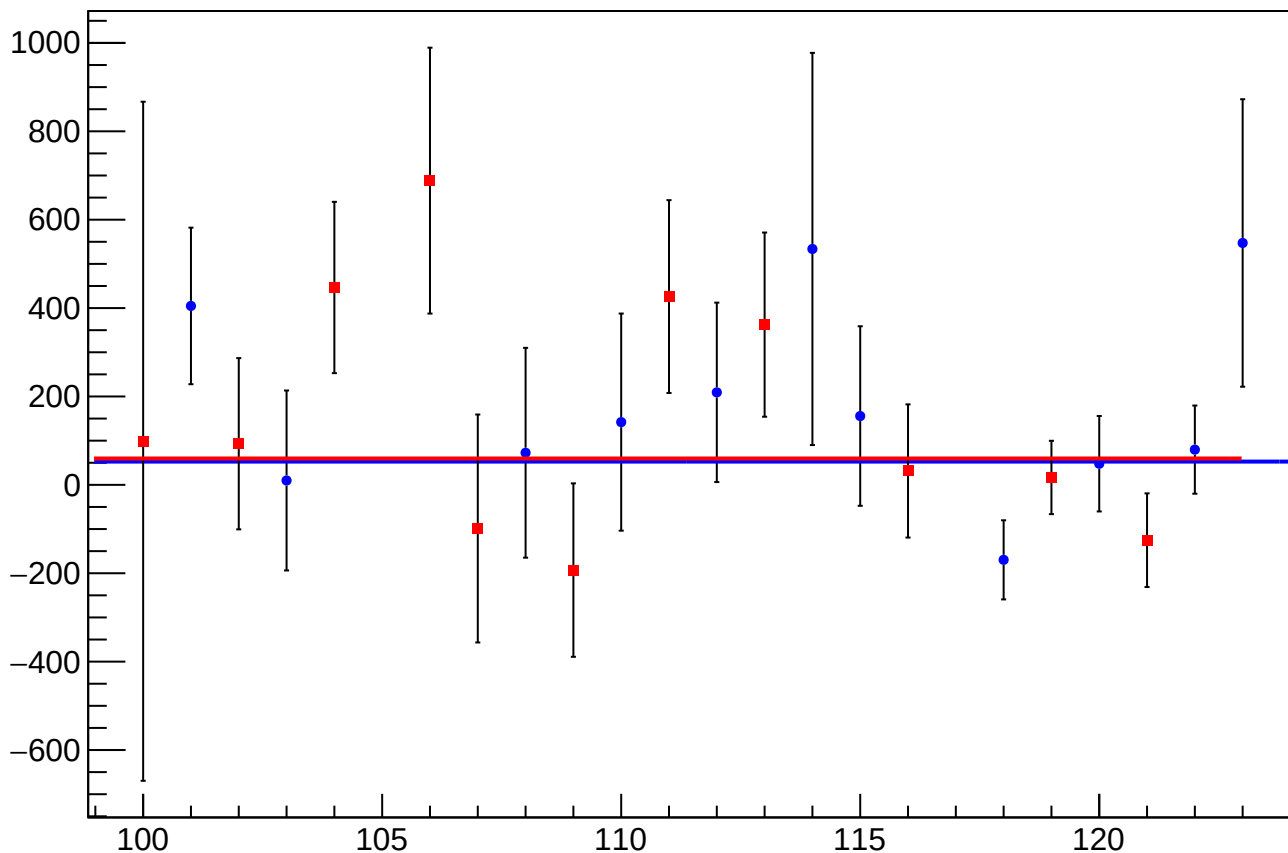
Right: 776.796+/-0.200 χ^2/NDF : 2252384.7/21

In: 763.127+/-0.283 χ^2/NDF : 1001190.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.796+/-0.200 χ^2/NDF : 2252384.7/21

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 52.659+/-46.404 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.652+/-48.261 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

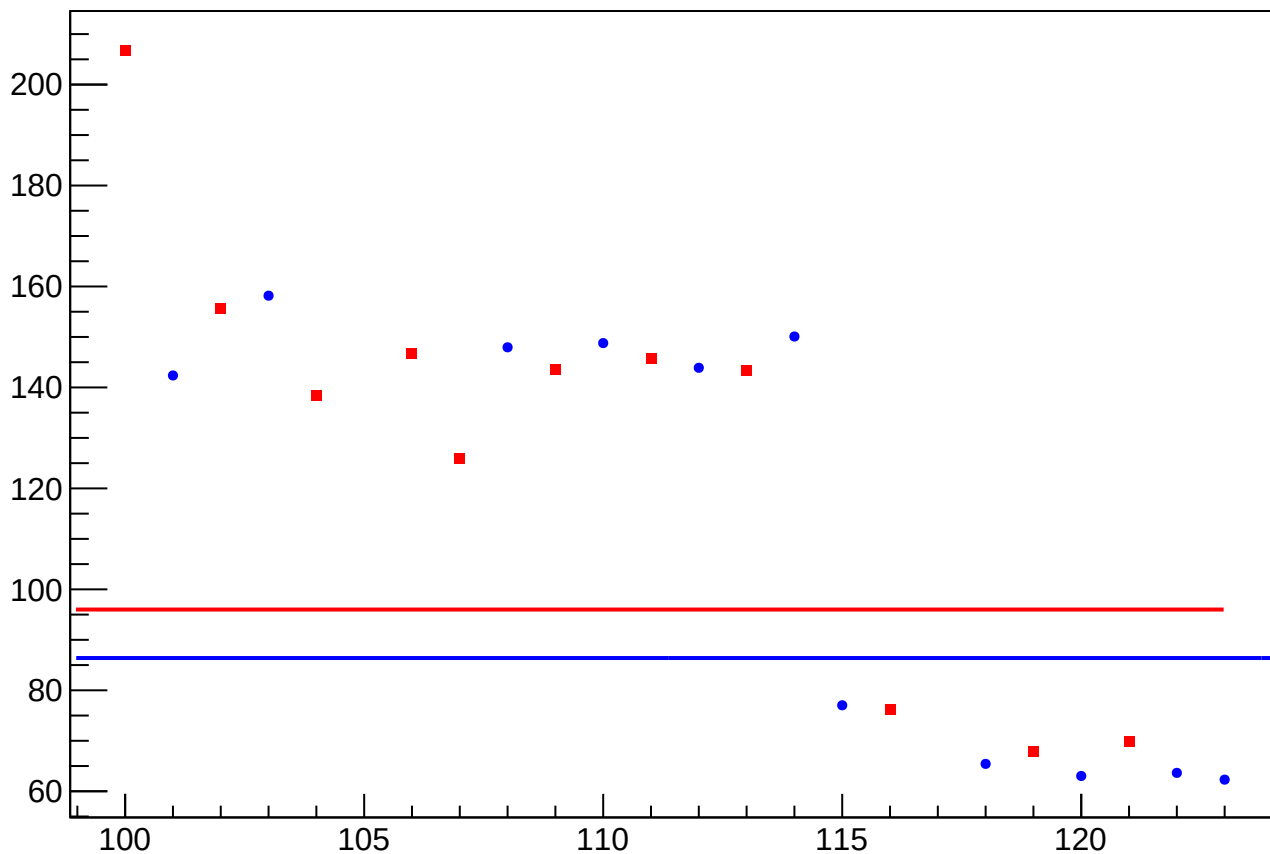
Right: 56.018+/-33.450 χ^2/NDF : 33.4/21

In: 52.659+/-46.404 χ^2/NDF : 14.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.018+/-33.450 χ^2/NDF : 33.4/21

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 86.395+/-0.033 χ^2/NDF : 1236185.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.002+/-0.034 χ^2/NDF : 1119980.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

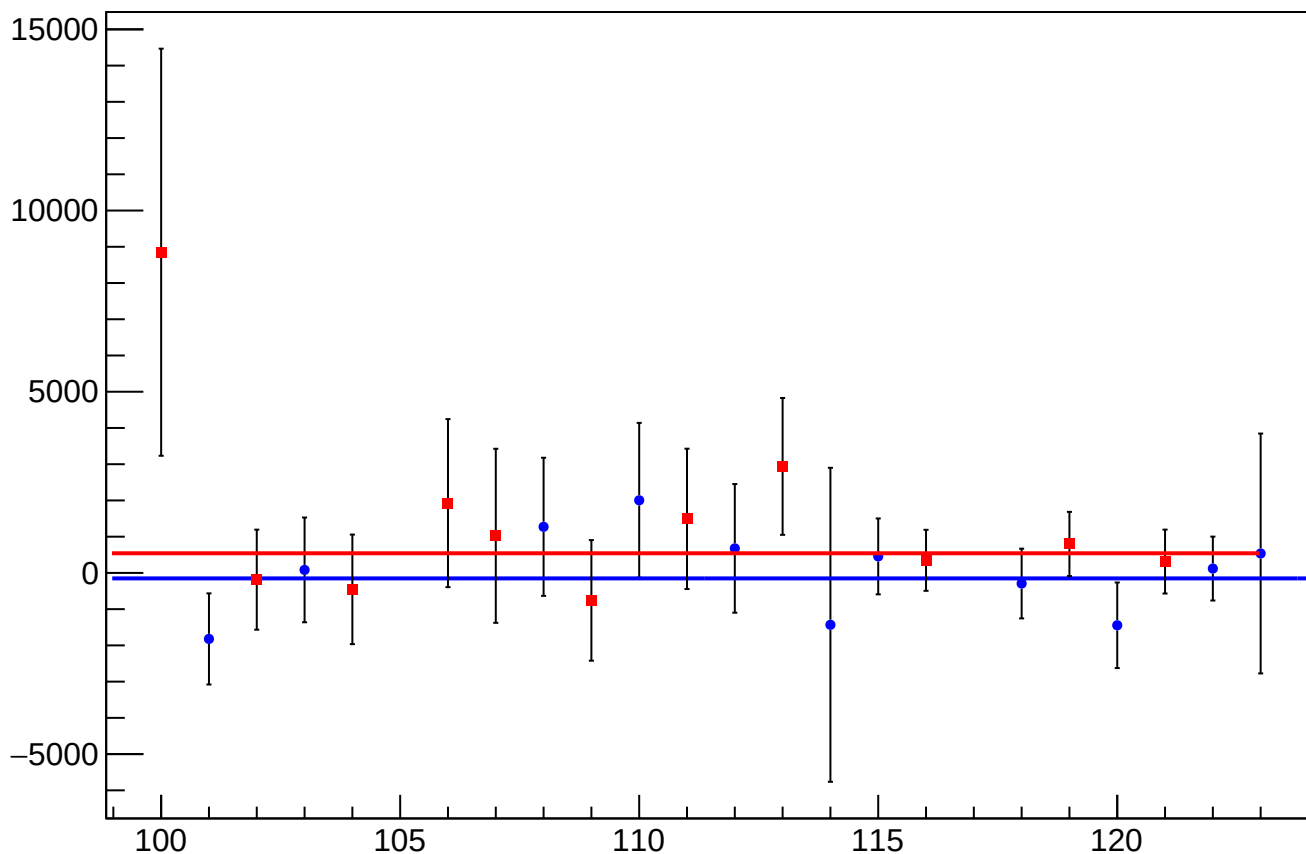
Right: 91.010+/-0.024 χ^2/NDF : 2397339.6/21

In: 86.395+/-0.033 χ^2/NDF : 1236185.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.010+/-0.024 χ^2/NDF : 2397339.6/21

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -151.473+/-406.103 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.983+/-400.535 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

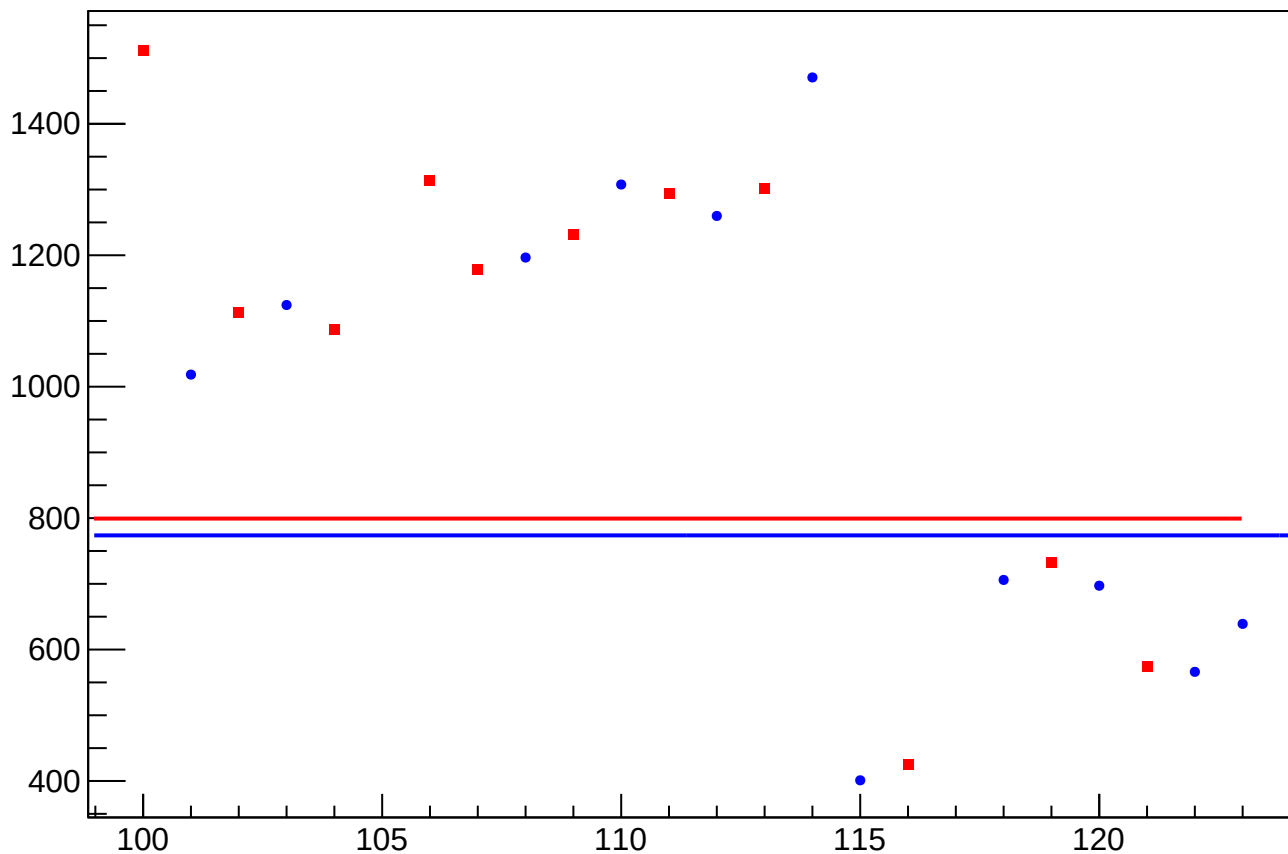
Right: 200.042+/-285.169 χ^2/NDF : 12.8/21

In: -151.473+/-406.103 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.042+/-285.169 χ^2/NDF : 12.8/21

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 773.739+/-0.287 χ^2/NDF : 1004364.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.316+/-0.283 χ^2/NDF : 1300569.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

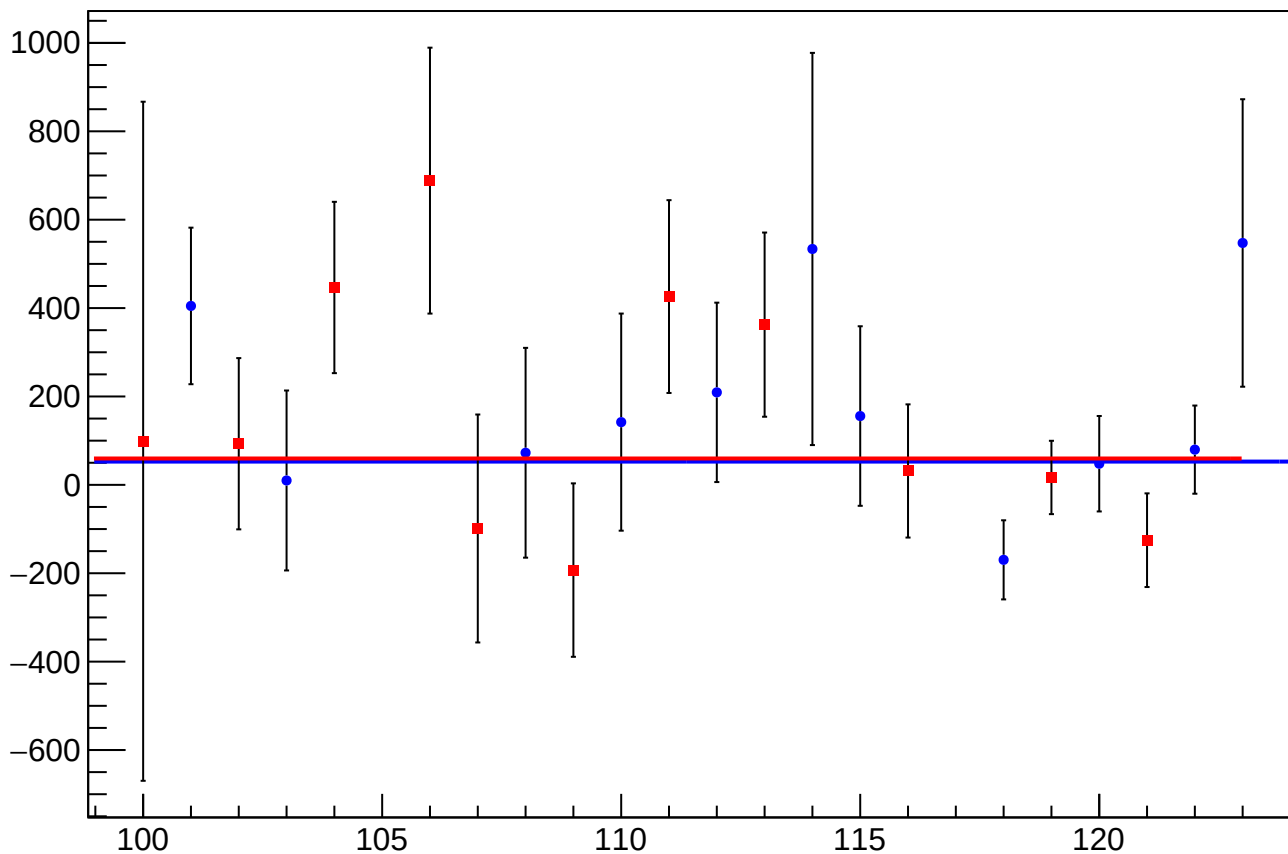
Right: 786.704+/-0.202 χ^2/NDF : 2308955.3/21

In: 773.739+/-0.287 χ^2/NDF : 1004364.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.704+/-0.202 χ^2/NDF : 2308955.3/21

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 52.660+/-46.403 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.650+/-48.261 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

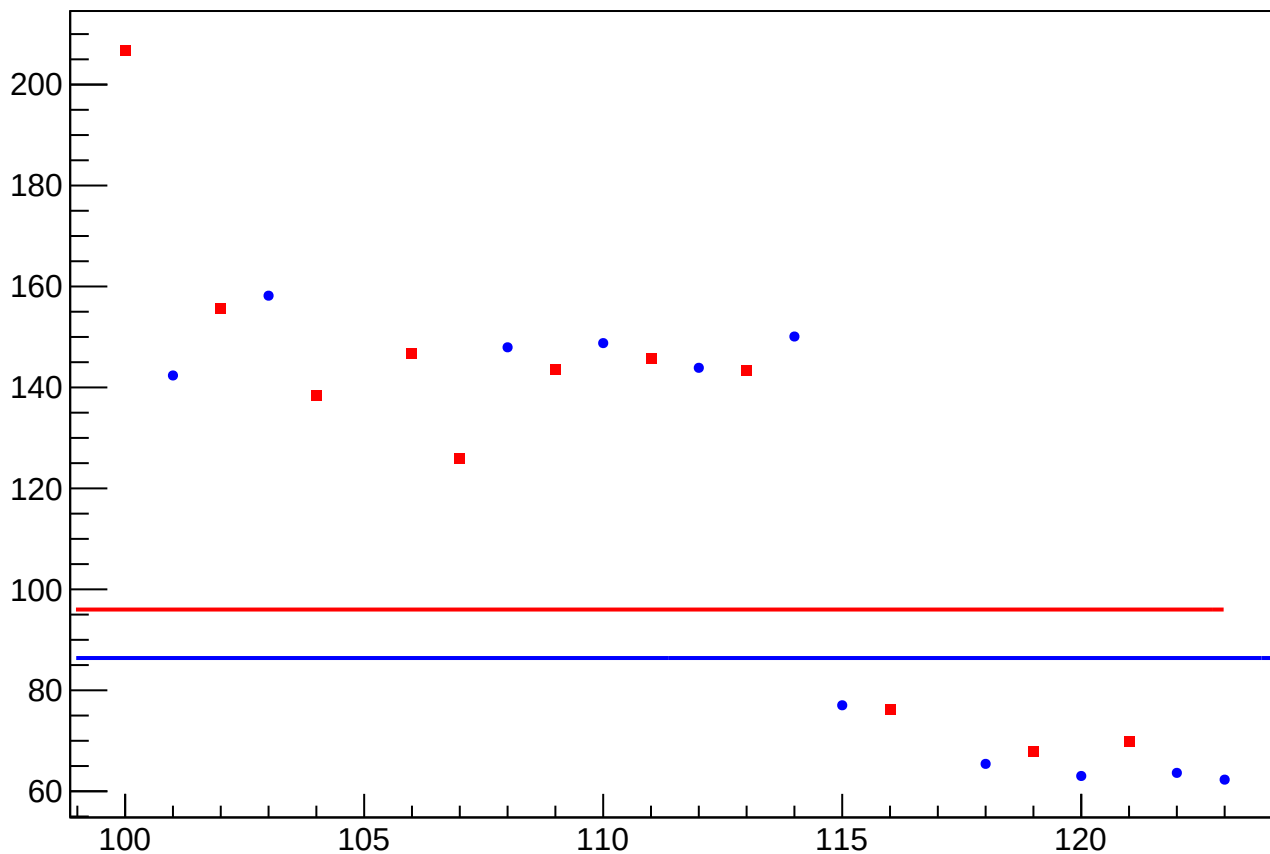
Right: 56.018+/-33.450 χ^2/NDF : 33.4/21

In: 52.660+/-46.403 χ^2/NDF : 14.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.018+/-33.450 χ^2/NDF : 33.4/21

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 86.395+/-0.033 χ^2/NDF : 1236171.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.001+/-0.034 χ^2/NDF : 1119970.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

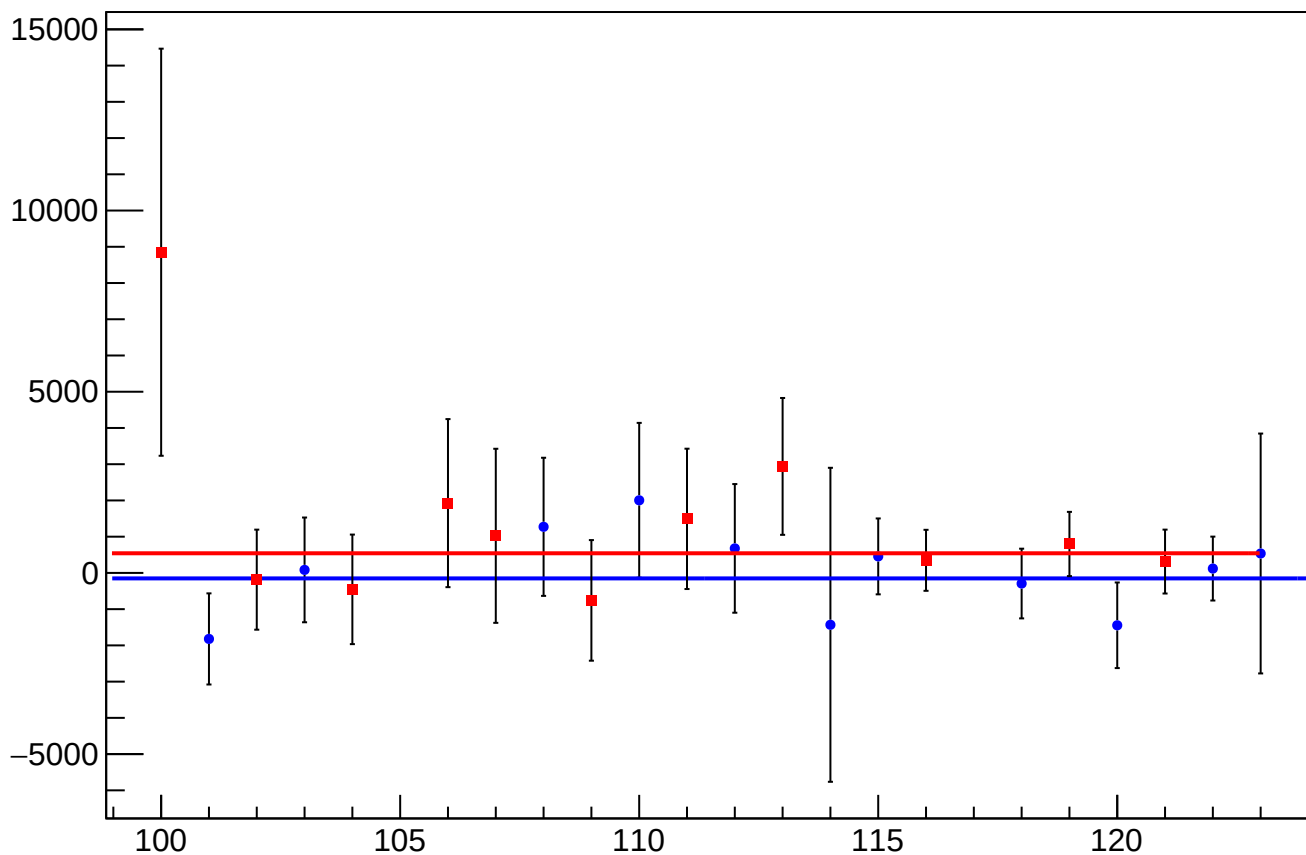
Right: 91.010+/-0.024 χ^2/NDF : 2397314.7/21

In: 86.395+/-0.033 χ^2/NDF : 1236171.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.010+/-0.024 χ^2/NDF : 2397314.7/21

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -151.472+/-406.103 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.982+/-400.534 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

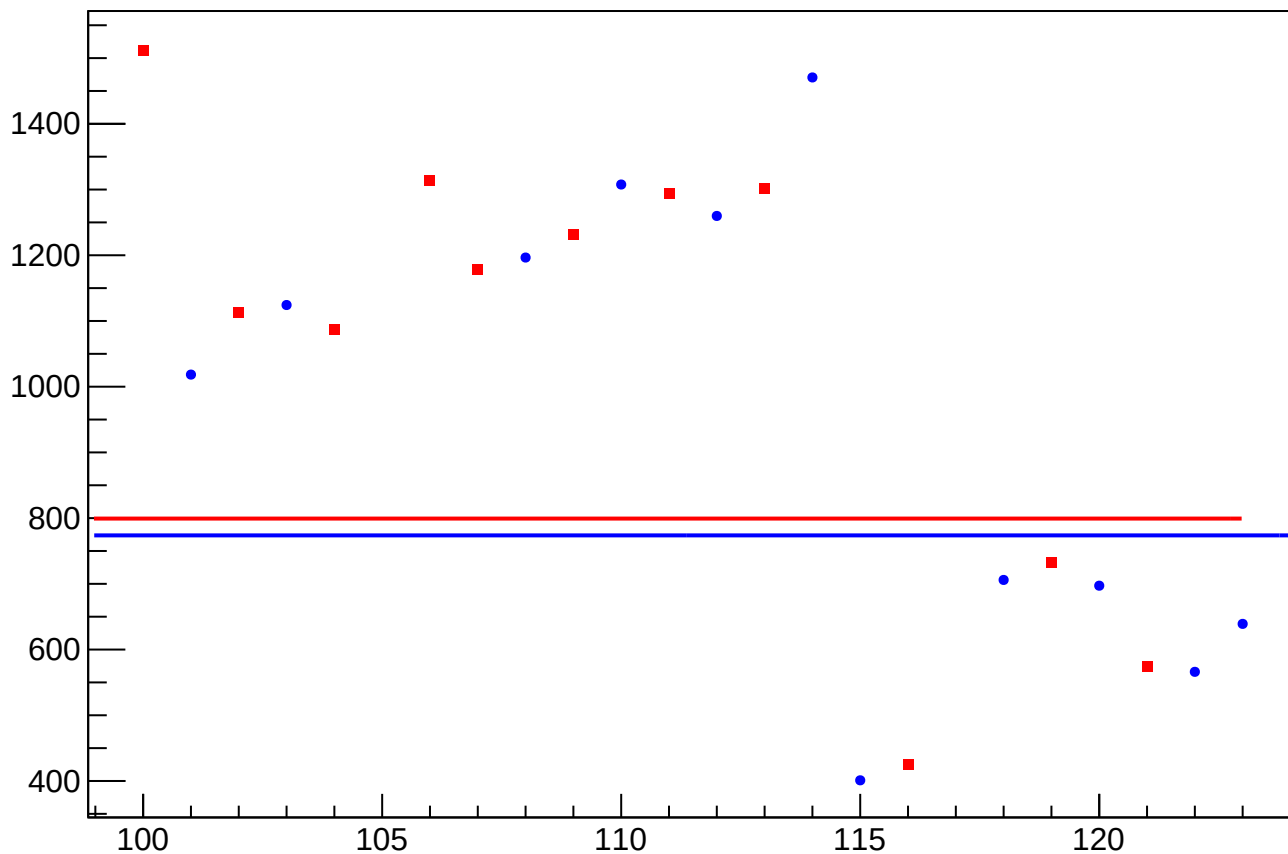
Right: 200.042+/-285.169 χ^2/NDF : 12.8/21

In: -151.472+/-406.103 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.042+/-285.169 χ^2/NDF : 12.8/21

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 773.739+/-0.287 χ^2/NDF : 1004351.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.315+/-0.283 χ^2/NDF : 1300555.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

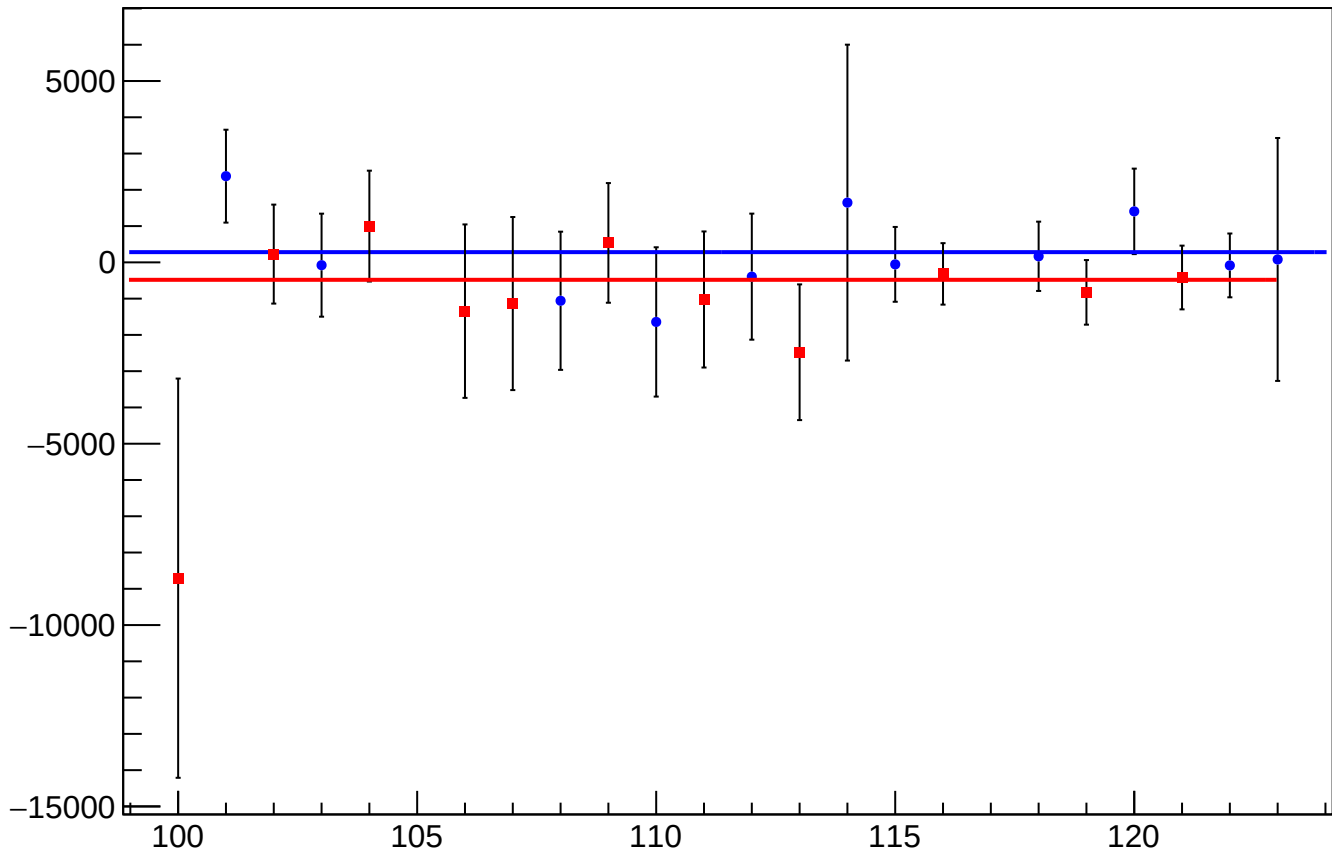
Right: 786.704+/-0.202 χ^2/NDF : 2308927.9/21

In: 773.739+/-0.287 χ^2/NDF : 1004351.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.704+/-0.202 χ^2/NDF : 2308927.9/21

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 281.873 ± 403.623 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -481.077 ± 400.498 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

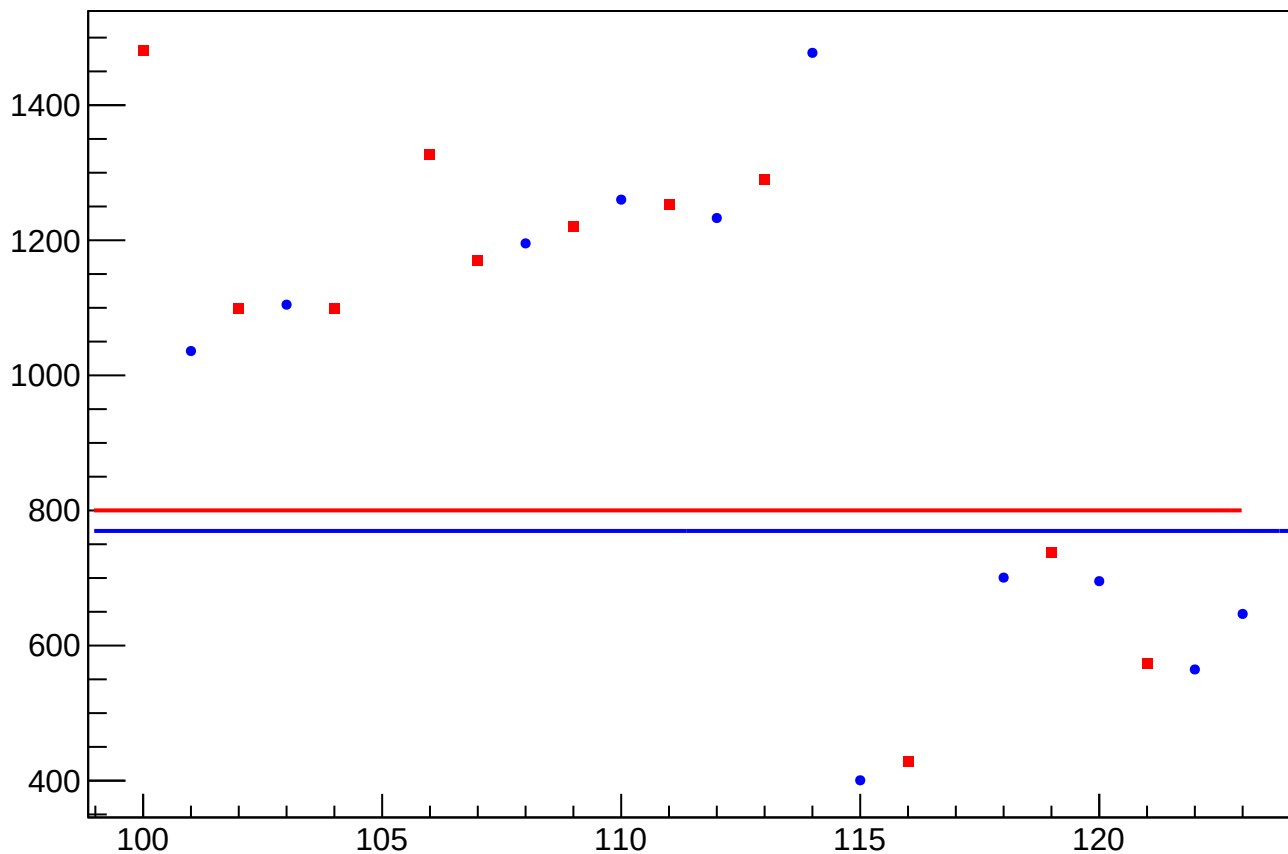
Right: -102.567 ± 284.293 χ^2/NDF : 12.8/21

In: 281.873 ± 403.623 χ^2/NDF : 5.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -102.567 ± 284.293 χ^2/NDF : 12.8/21

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 769.699+/-0.285 χ^2/NDF : 992110.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.107+/-0.283 χ^2/NDF : 1261206.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

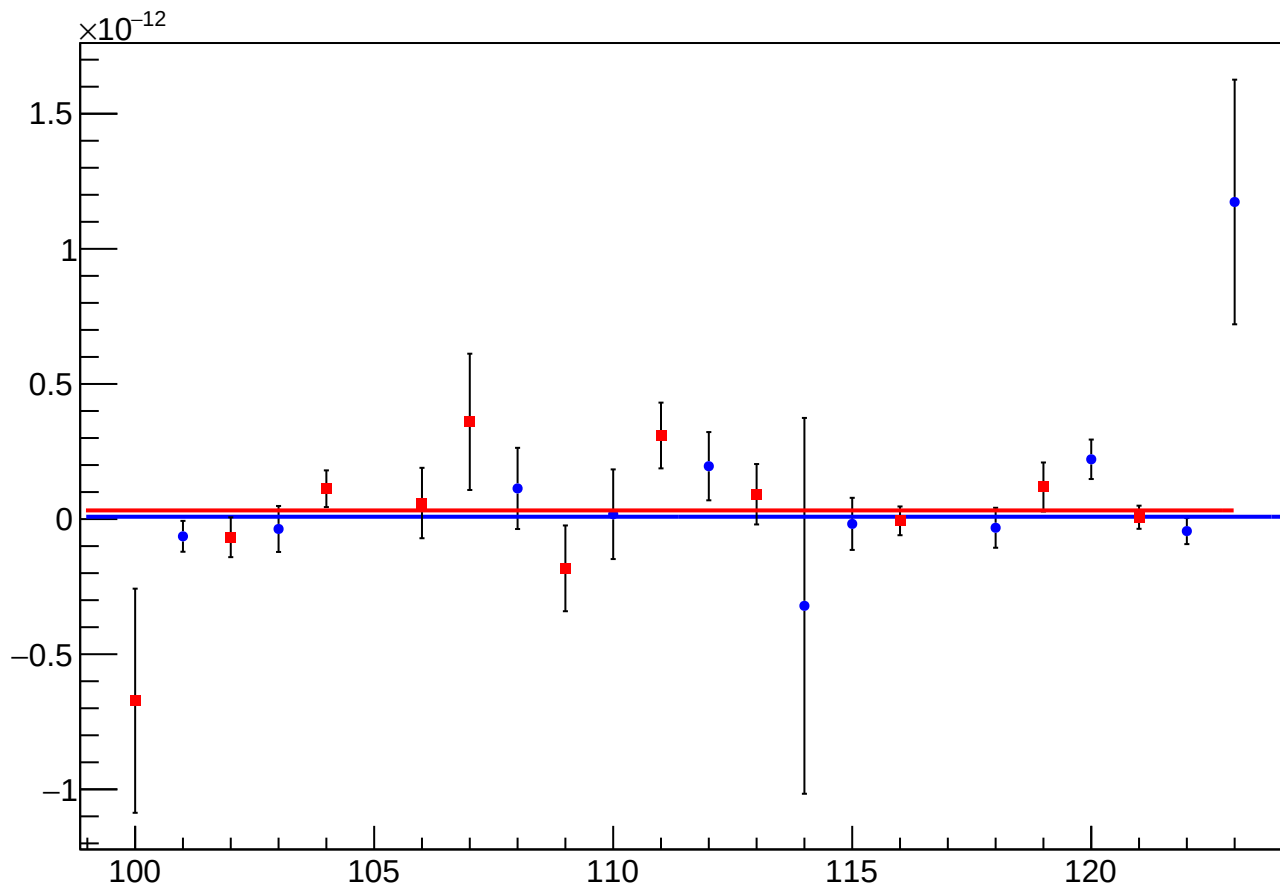
Right: 785.021+/-0.201 χ^2/NDF : 2259036.3/21

In: 769.699+/-0.285 χ^2/NDF : 992110.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.021+/-0.201 χ^2/NDF : 2259036.3/21

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

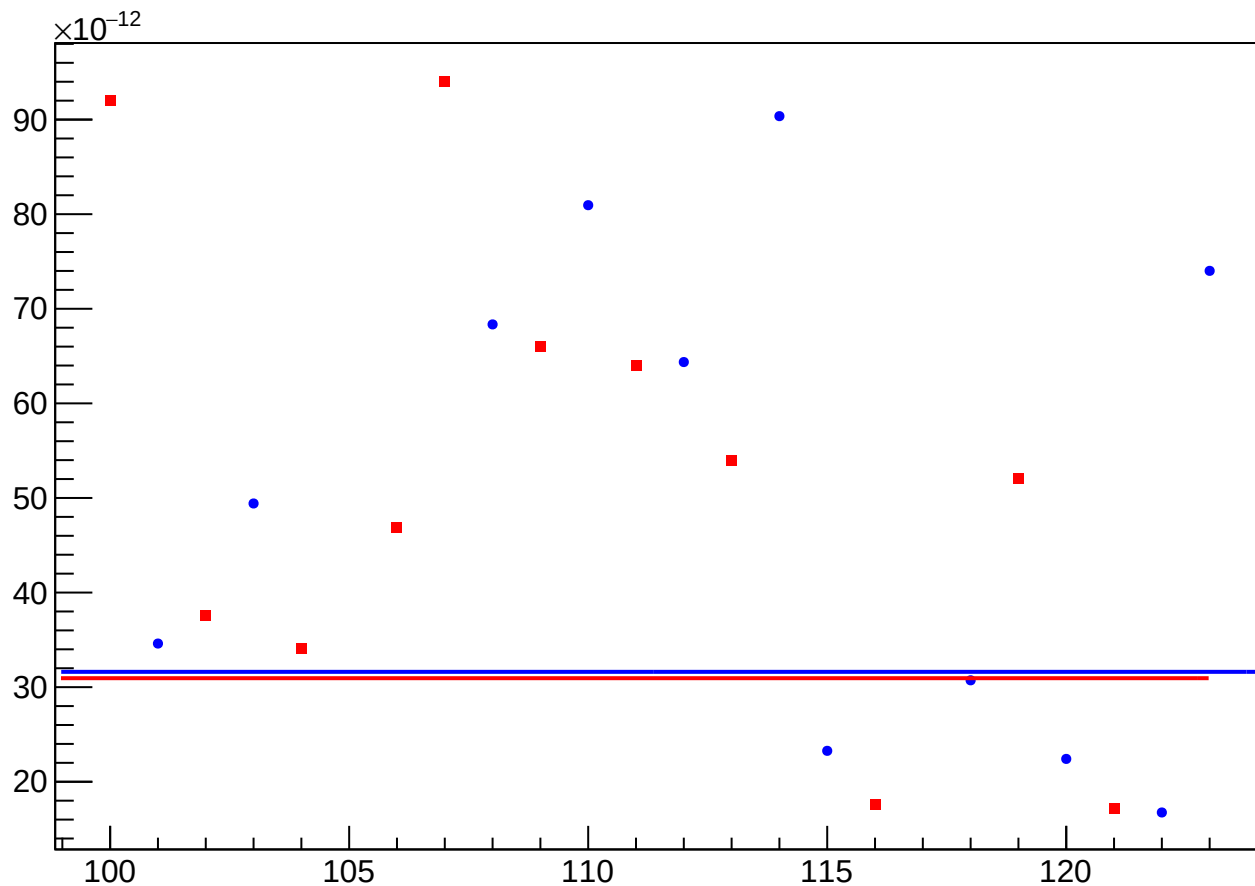
Right: 0.000+/-0.000 χ^2/NDF : 38.8/21

In: 0.000+/-0.000 χ^2/NDF : 21.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.8/21

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 792870.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 989970.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

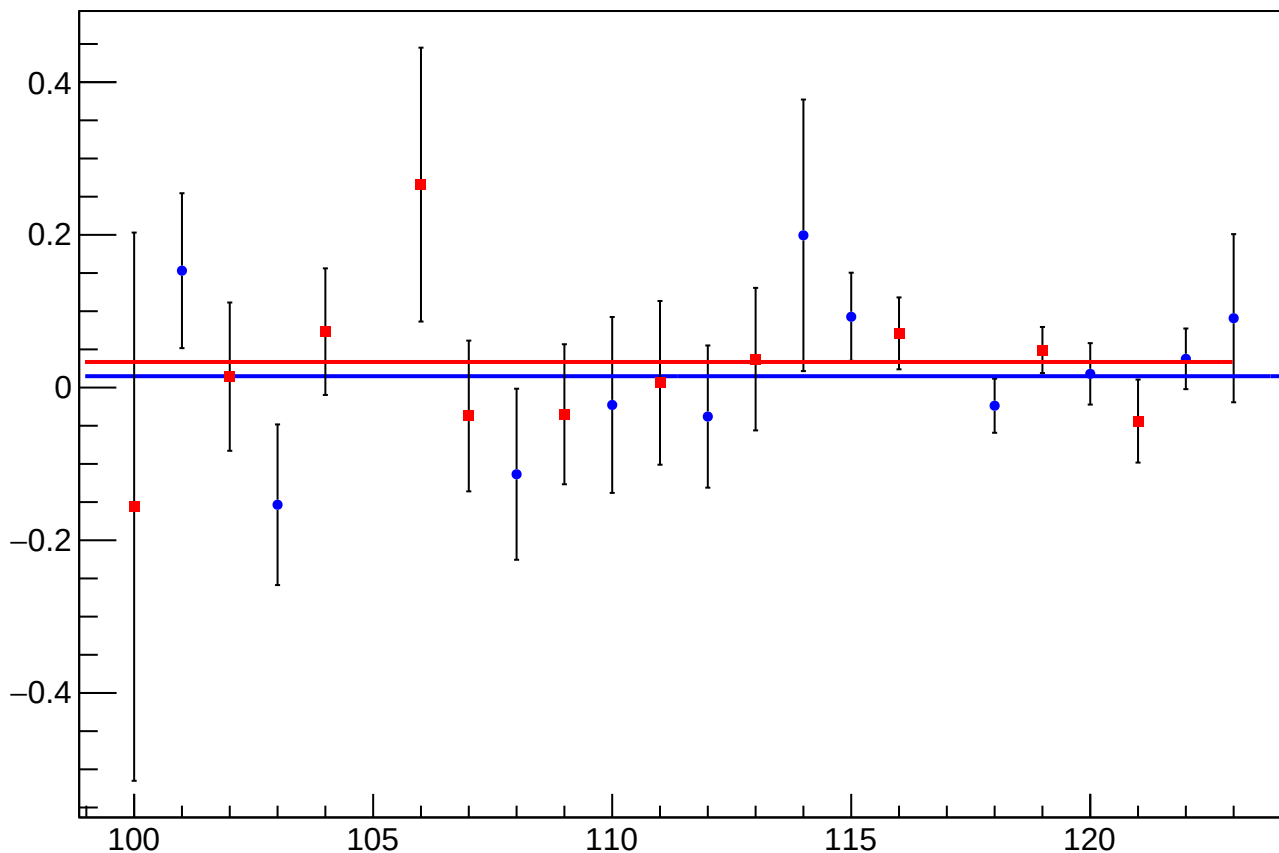
Right: 0.000+/-0.000 χ^2/NDF : 1783558.5/21

In: 0.000+/-0.000 χ^2/NDF : 792870.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1783558.5/21

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.020 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

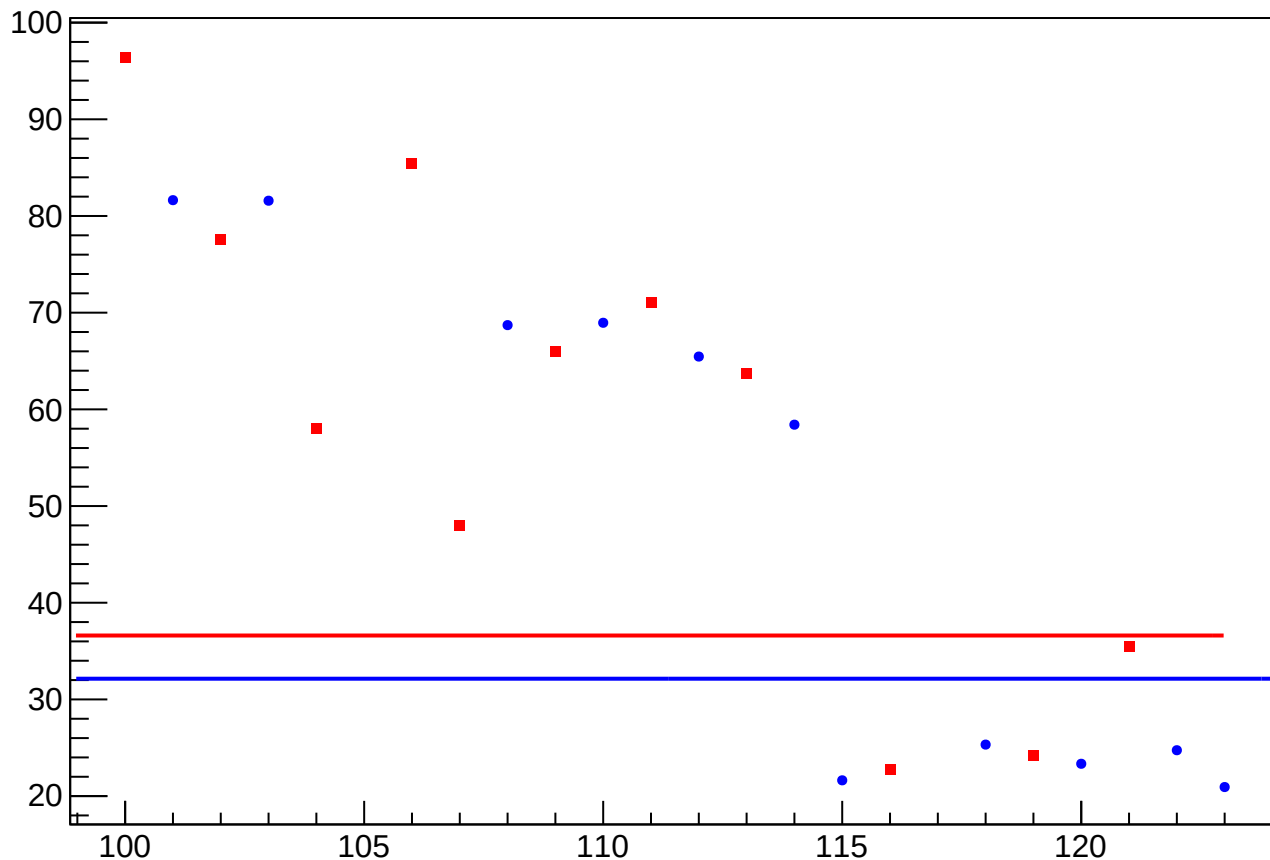
Right: 0.024+/-0.013 χ^2/NDF : 17.8/21

In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.013 χ^2/NDF : 17.8/21

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.141+/-0.013 χ^2/NDF : 1961041.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.609+/-0.014 χ^2/NDF : 1808700.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

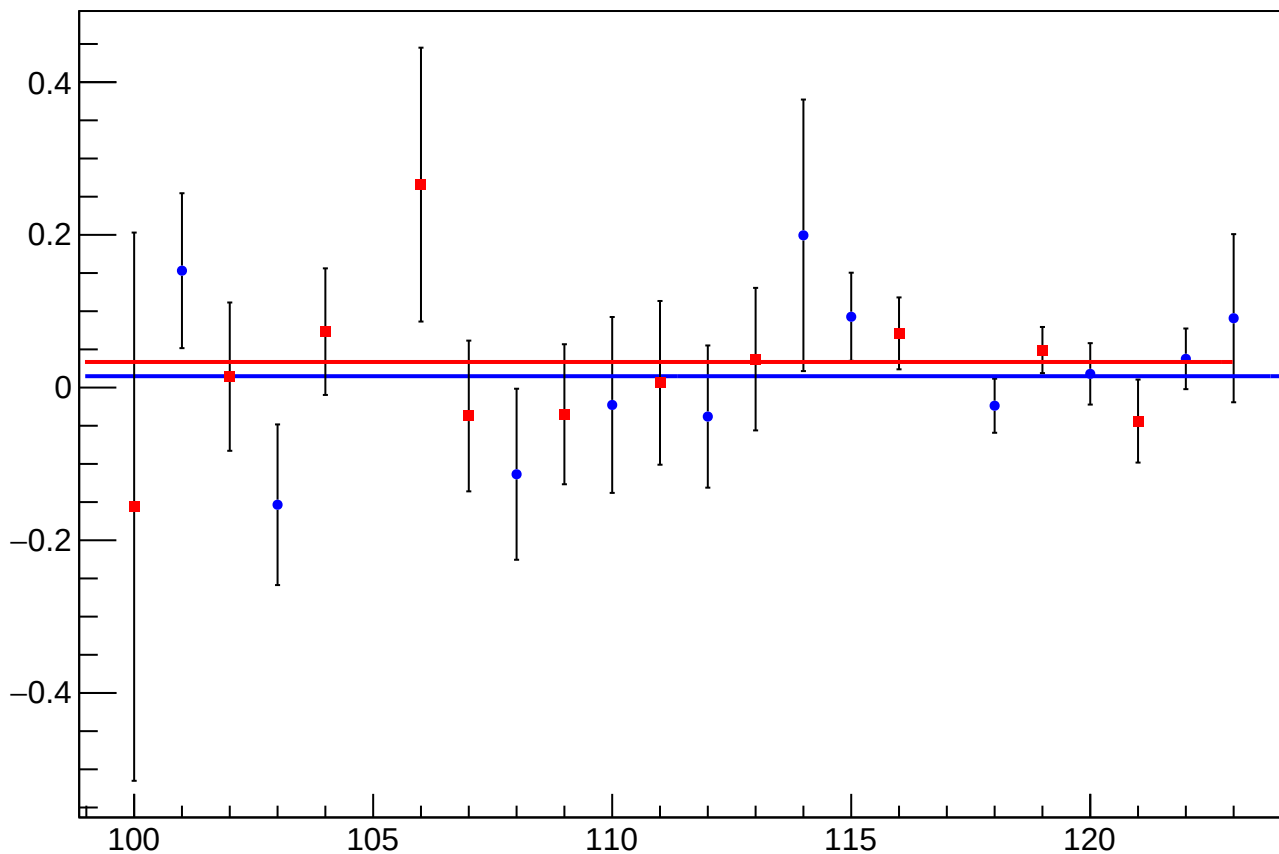
Right: 34.245+/-0.010 χ^2/NDF : 3824647.7/21

In: 32.141+/-0.013 χ^2/NDF : 1961041.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.245+/-0.010 χ^2/NDF : 3824647.7/21

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.020 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

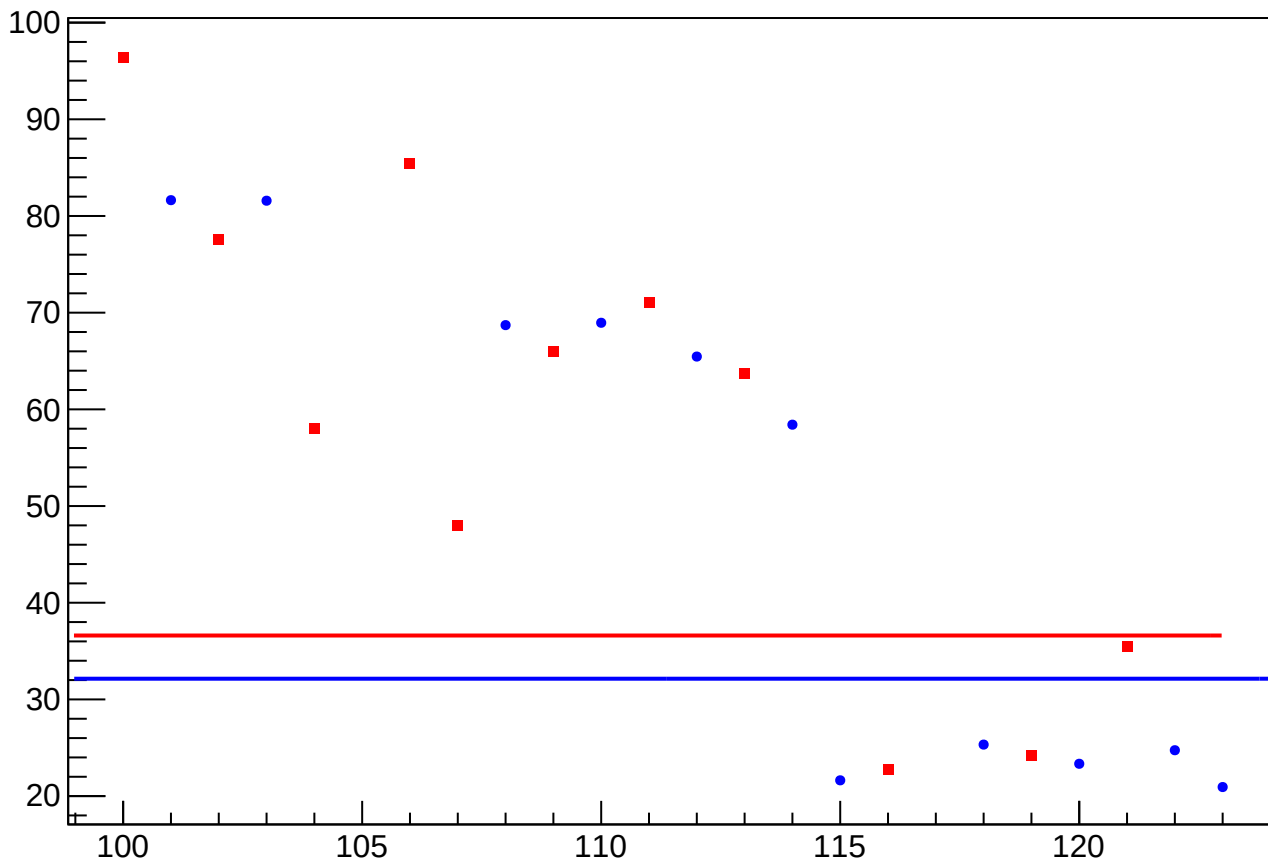
Right: 0.024+/-0.013 χ^2/NDF : 17.8/21

In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.013 χ^2/NDF : 17.8/21

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.141+/-0.013 χ^2/NDF : 1961041.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.609+/-0.014 χ^2/NDF : 1808700.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

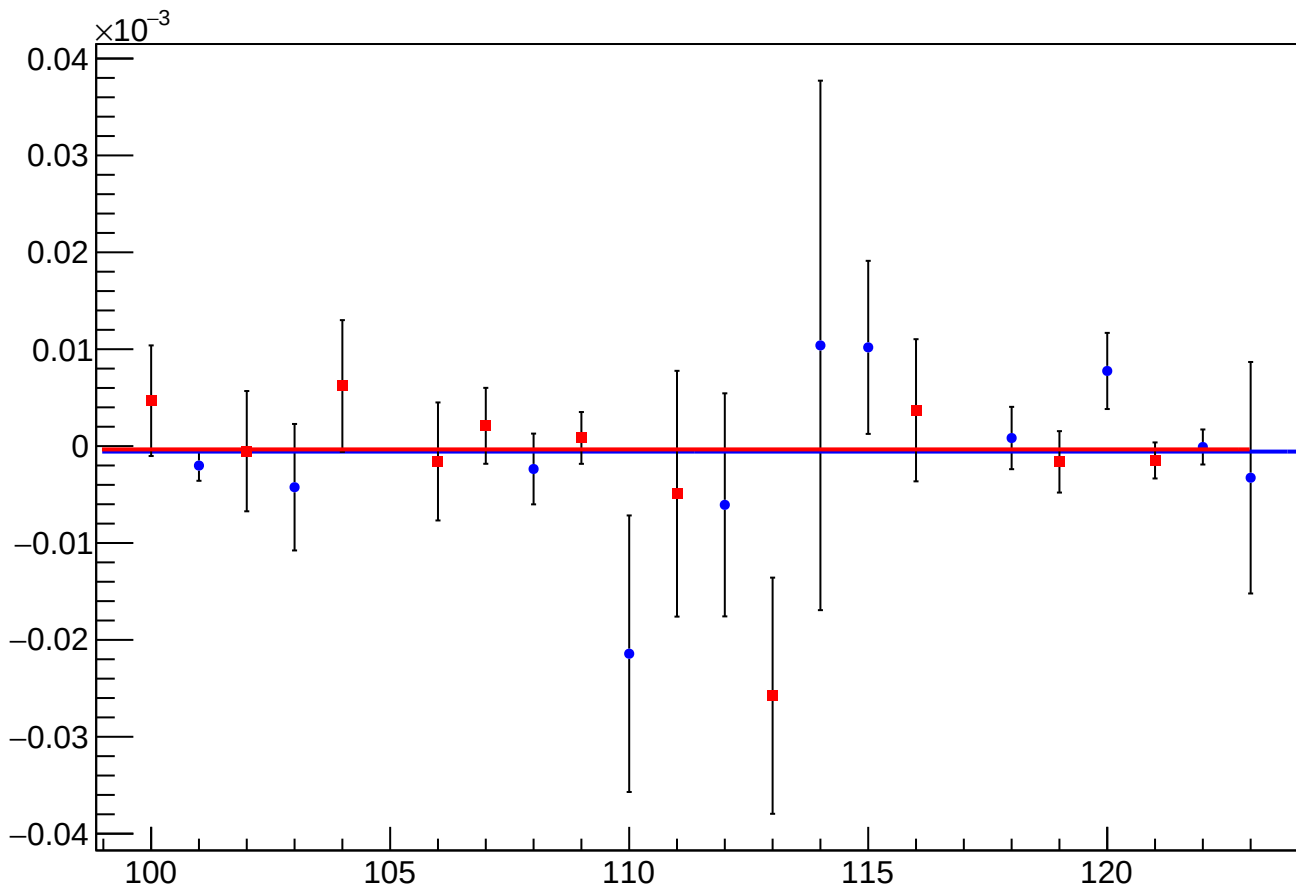
Right: 34.245+/-0.010 χ^2/NDF : 3824647.7/21

In: 32.141+/-0.013 χ^2/NDF : 1961041.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.245+/-0.010 χ^2/NDF : 3824647.7/21

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/10

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

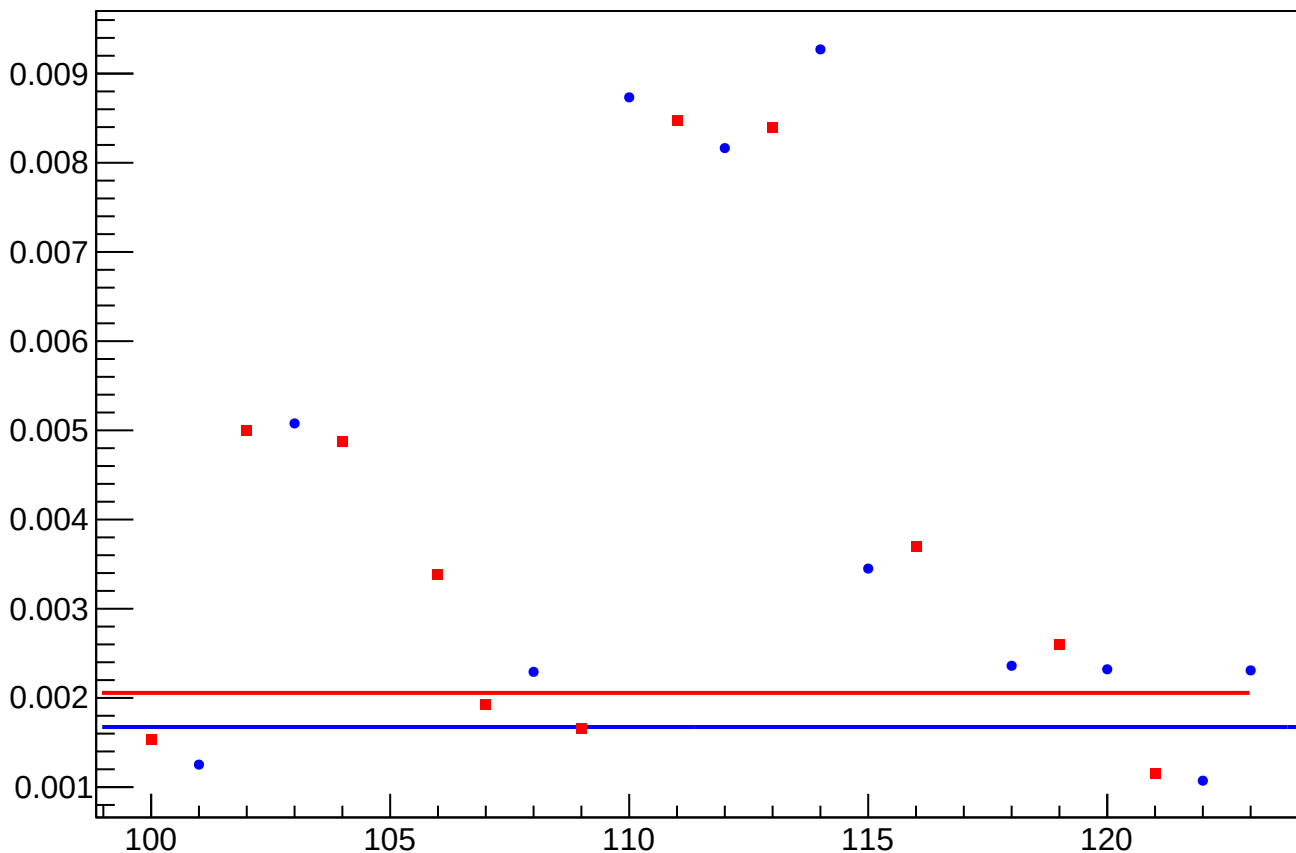
Right: -0.000+/-0.000 χ^2/NDF : 17.9/21

In: -0.000+/-0.000 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.9/21

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2477130.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2630796.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

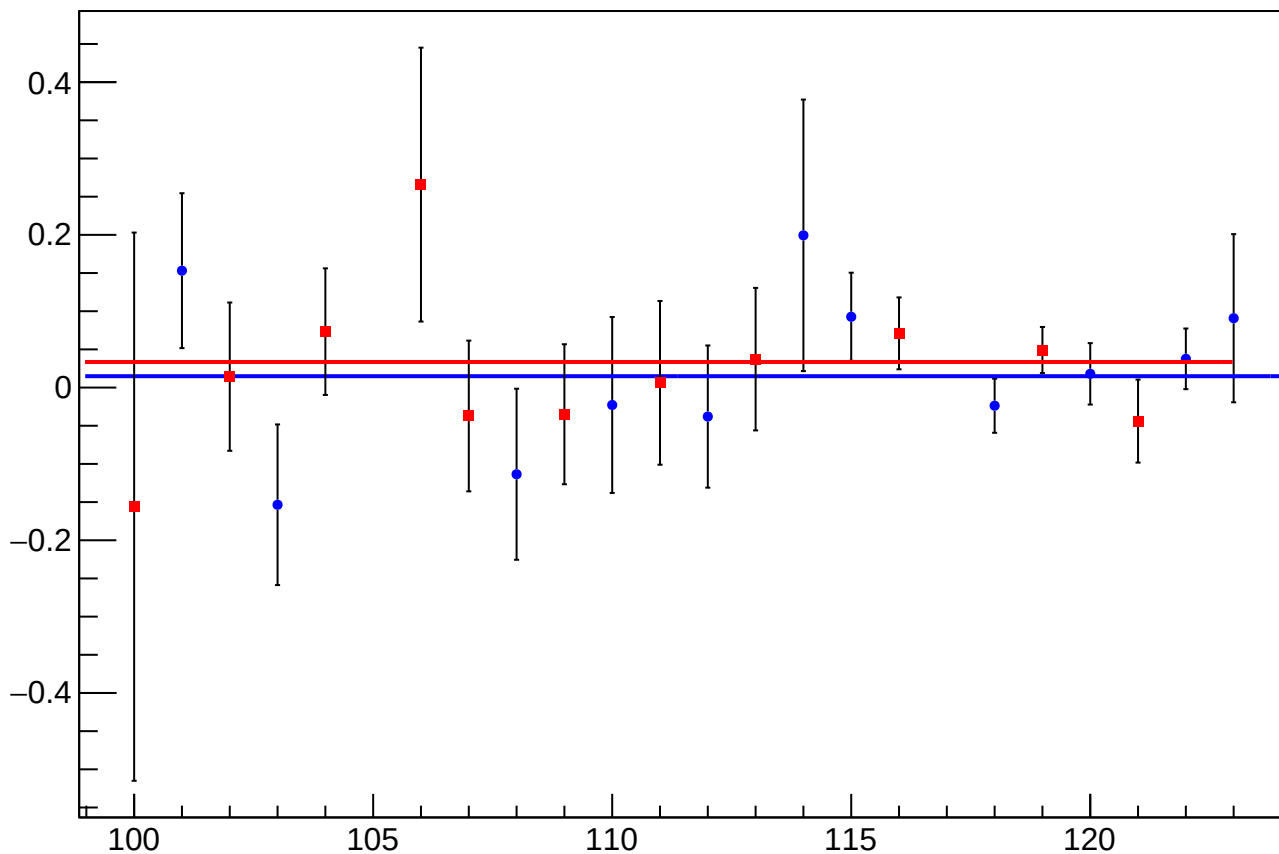
Right: 0.002+/-0.000 χ^2/NDF : 5231768.0/21

In: 0.002+/-0.000 χ^2/NDF :2477130.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5231768.0/21

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.020 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

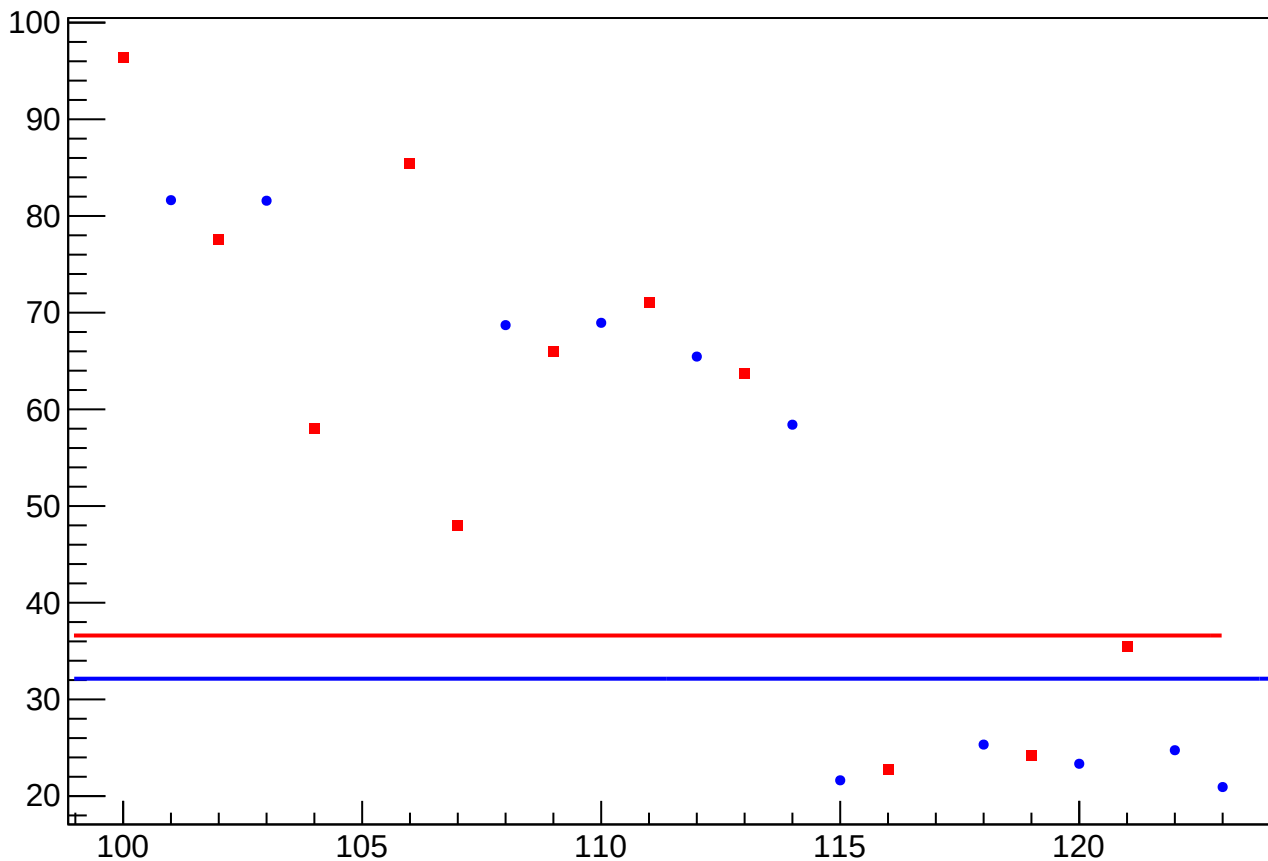
Right: 0.024+/-0.013 χ^2/NDF : 17.8/21

In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.013 χ^2/NDF : 17.8/21

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.142+/-0.013 χ^2/NDF : 1960972.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.609+/-0.014 χ^2/NDF : 1808626.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

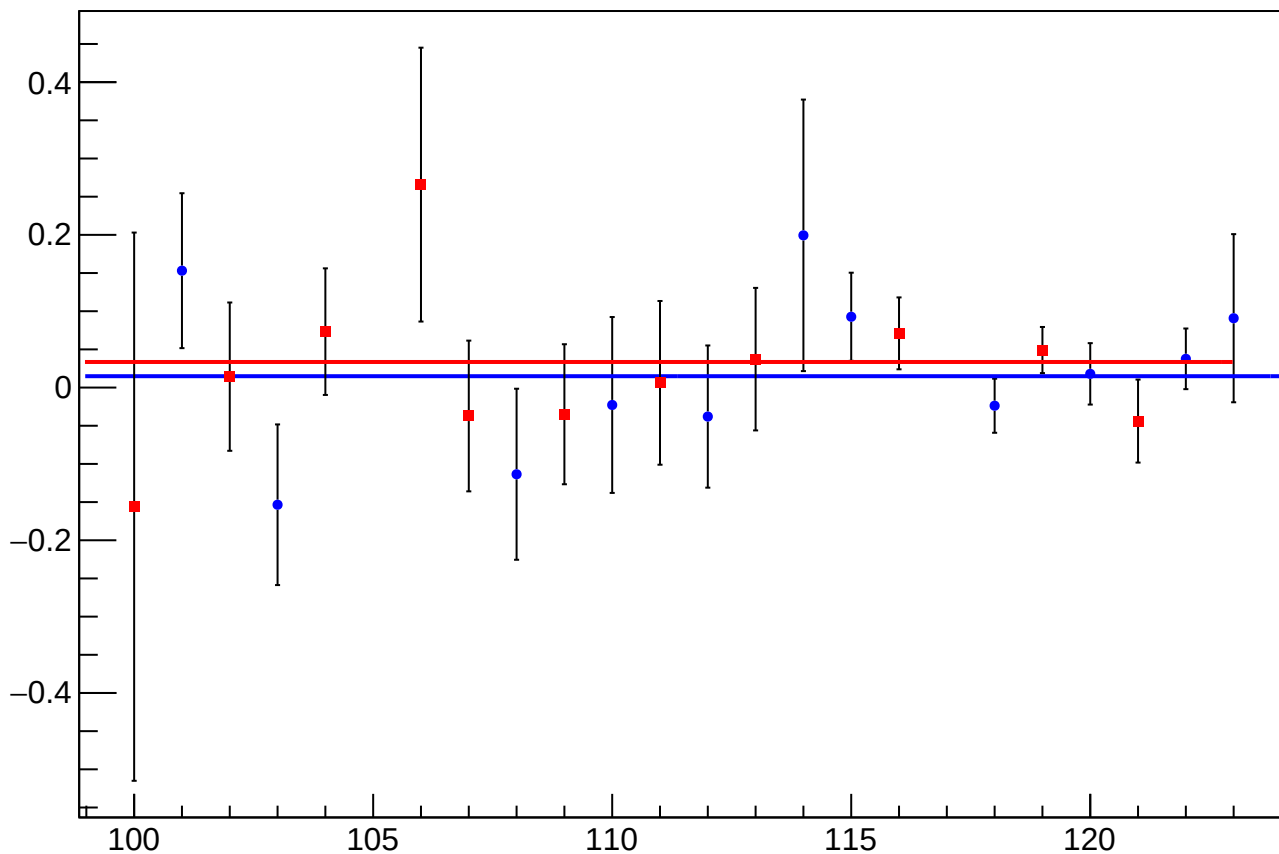
Right: 34.245+/-0.010 χ^2/NDF : 3824498.1/21

In: 32.142+/-0.013 χ^2/NDF : 1960972.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.245+/-0.010 χ^2/NDF : 3824498.1/21

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.020 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

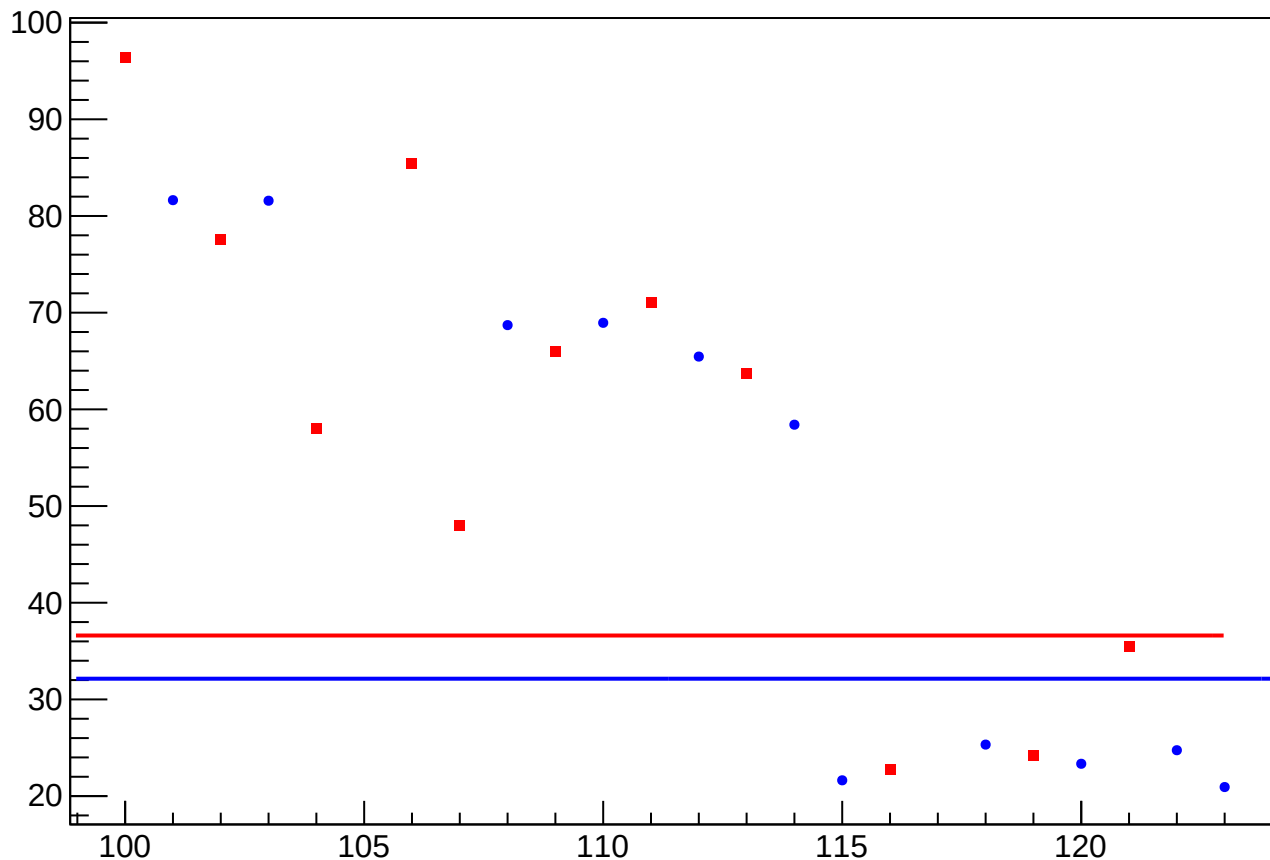
Right: 0.024+/-0.013 χ^2/NDF : 17.8/21

In: 0.015+/-0.019 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.013 χ^2/NDF : 17.8/21

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.142+/-0.013 χ^2/NDF : 1960972.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.609+/-0.014 χ^2/NDF : 1808626.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

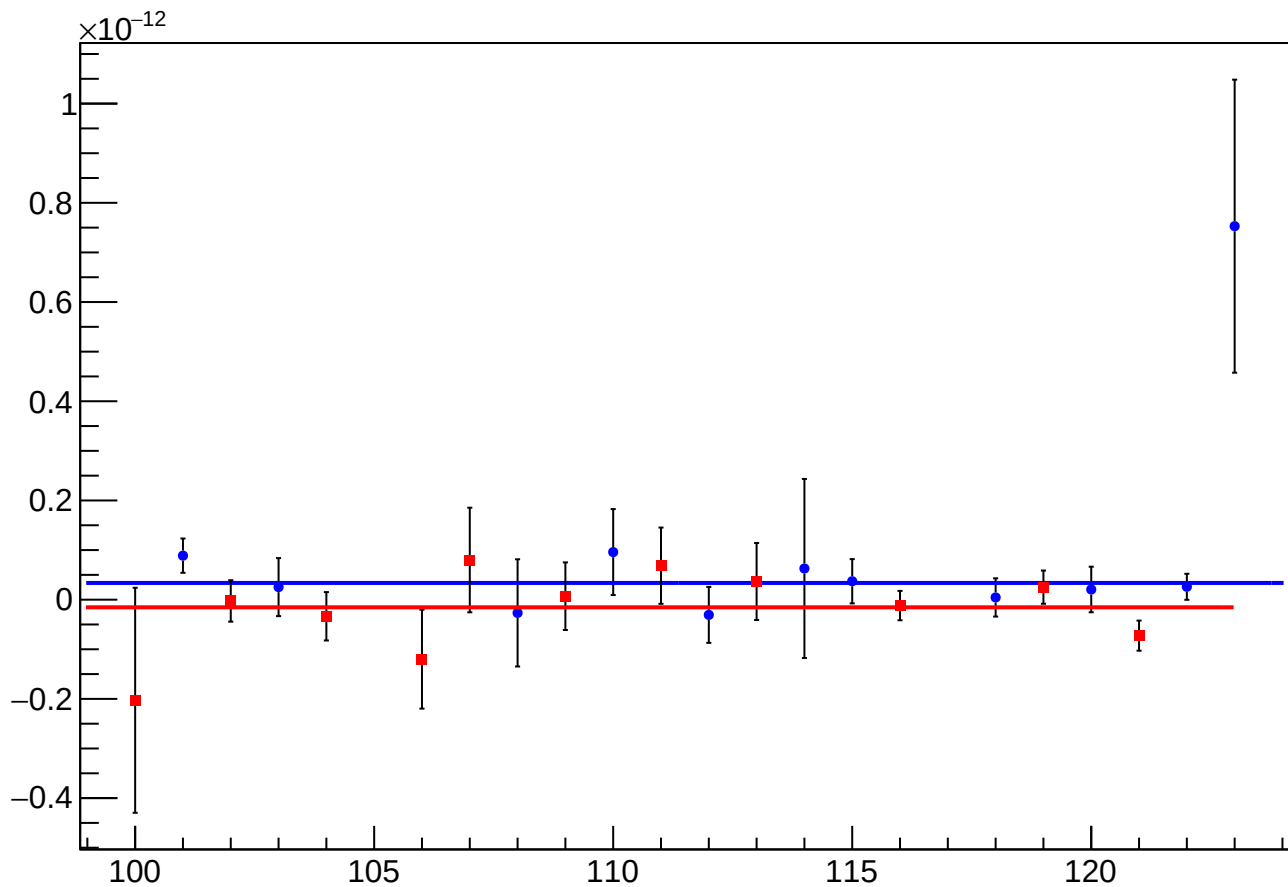
Right: 34.245+/-0.010 χ^2/NDF : 3824498.1/21

In: 32.142+/-0.013 χ^2/NDF : 1960972.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.245+/-0.010 χ^2/NDF : 3824498.1/21

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/10

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

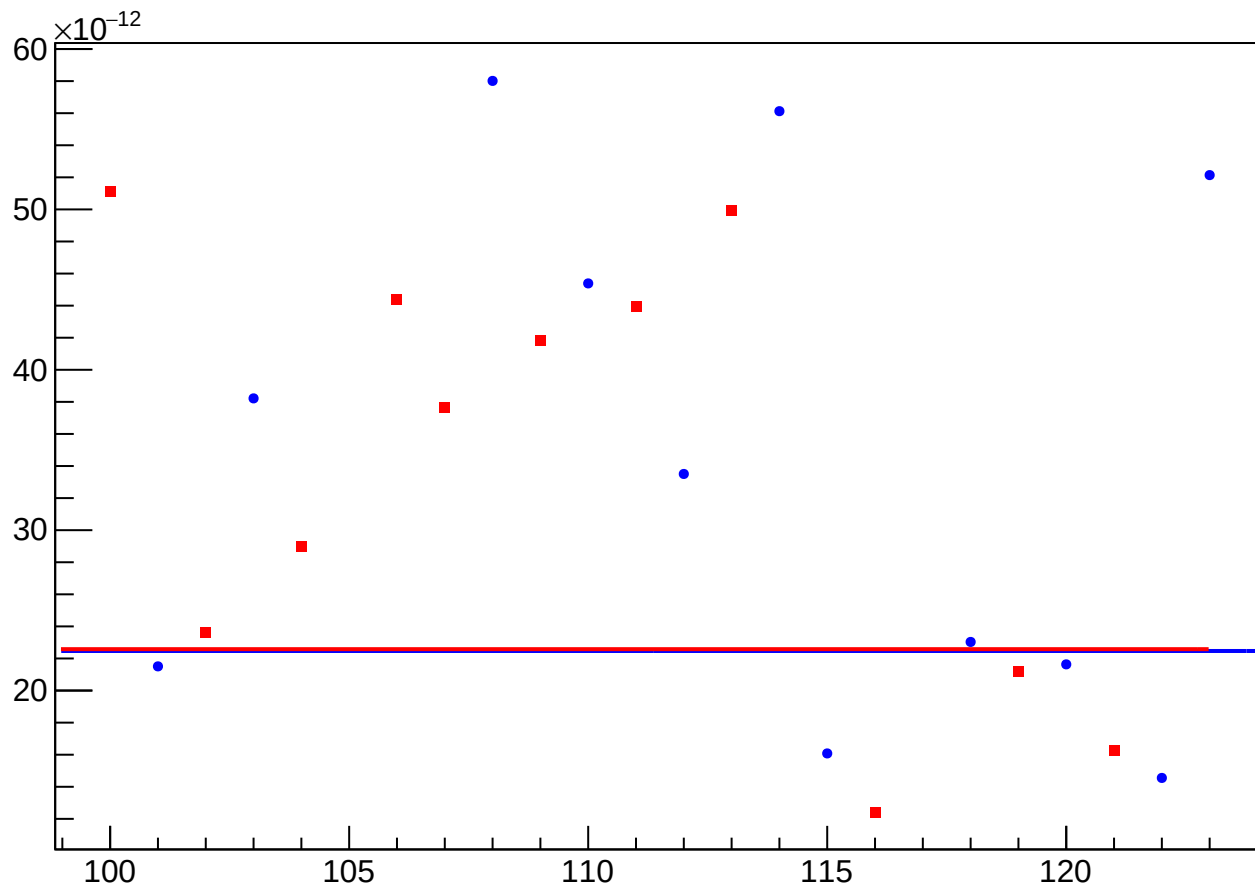
Right: 0.000+/-0.000 χ^2/NDF : 26.9/21

In: 0.000+/-0.000 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.9/21

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 893539.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1093284.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

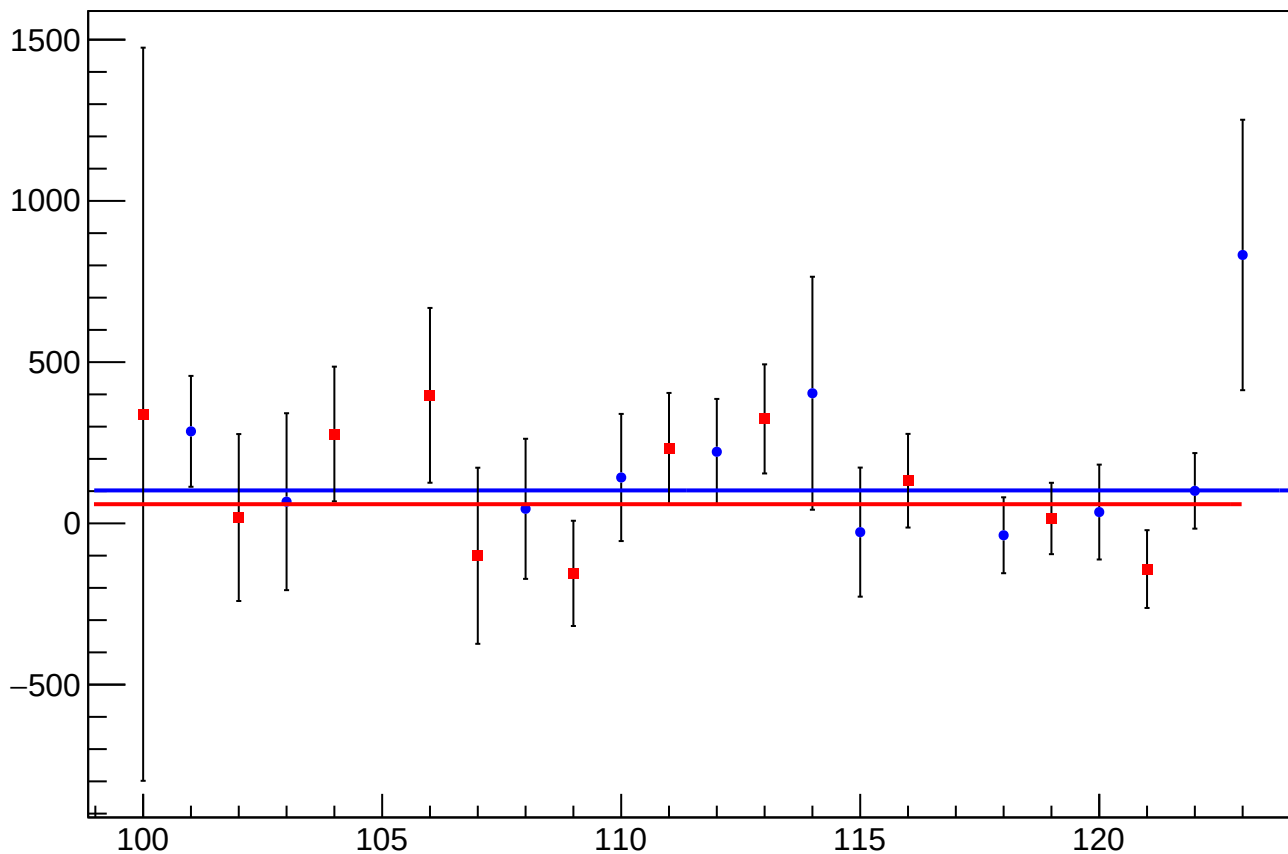
Right: 0.000+/-0.000 χ^2/NDF : 1986886.4/21

In: 0.000+/-0.000 χ^2/NDF :893539.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1986886.4/21

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 102.234+/-52.647 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.499+/-52.025 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

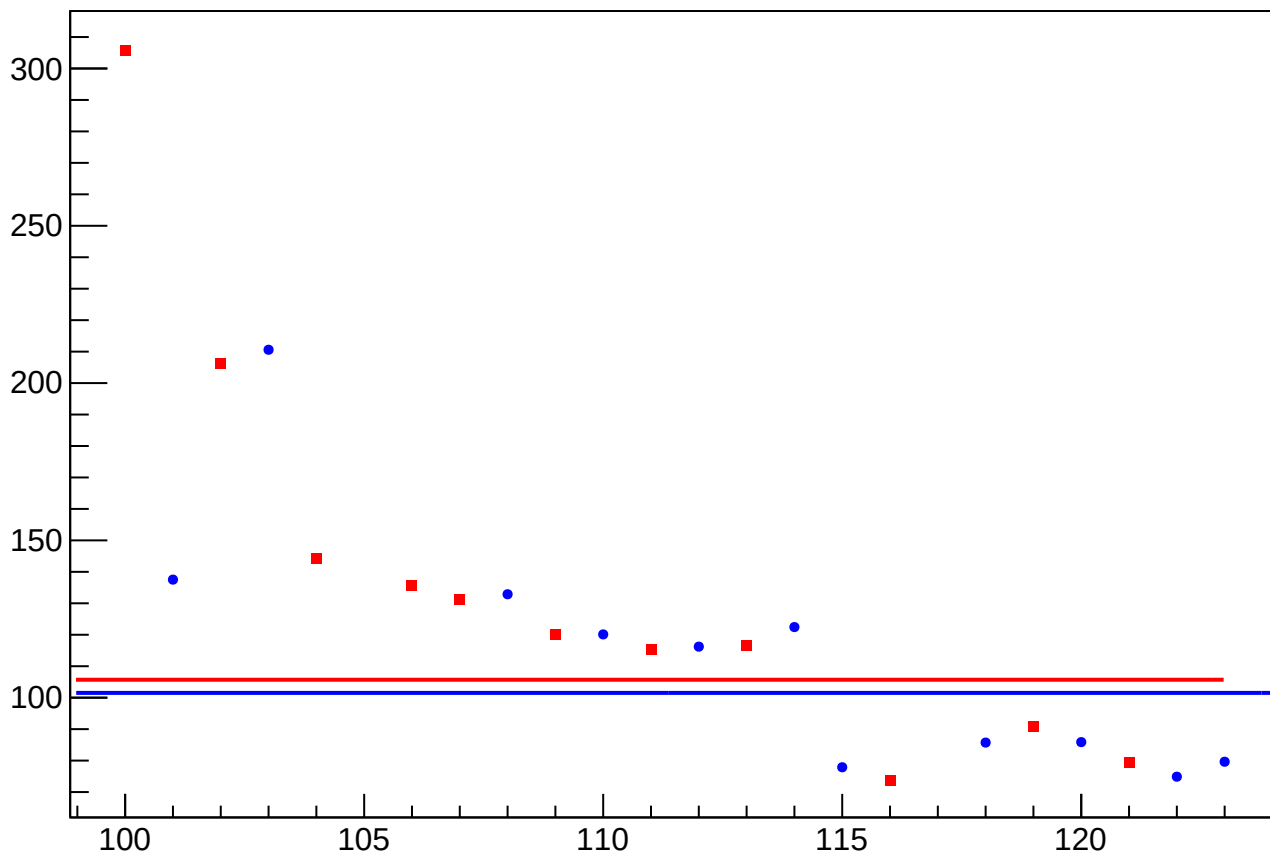
Right: 80.613+/-37.005 χ^2/NDF : 19.3/21

In: 102.234+/-52.647 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.613+/-37.005 χ^2/NDF : 19.3/21

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 101.520+/-0.037 χ^2/NDF : 681469.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.702+/-0.037 χ^2/NDF : 732053.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

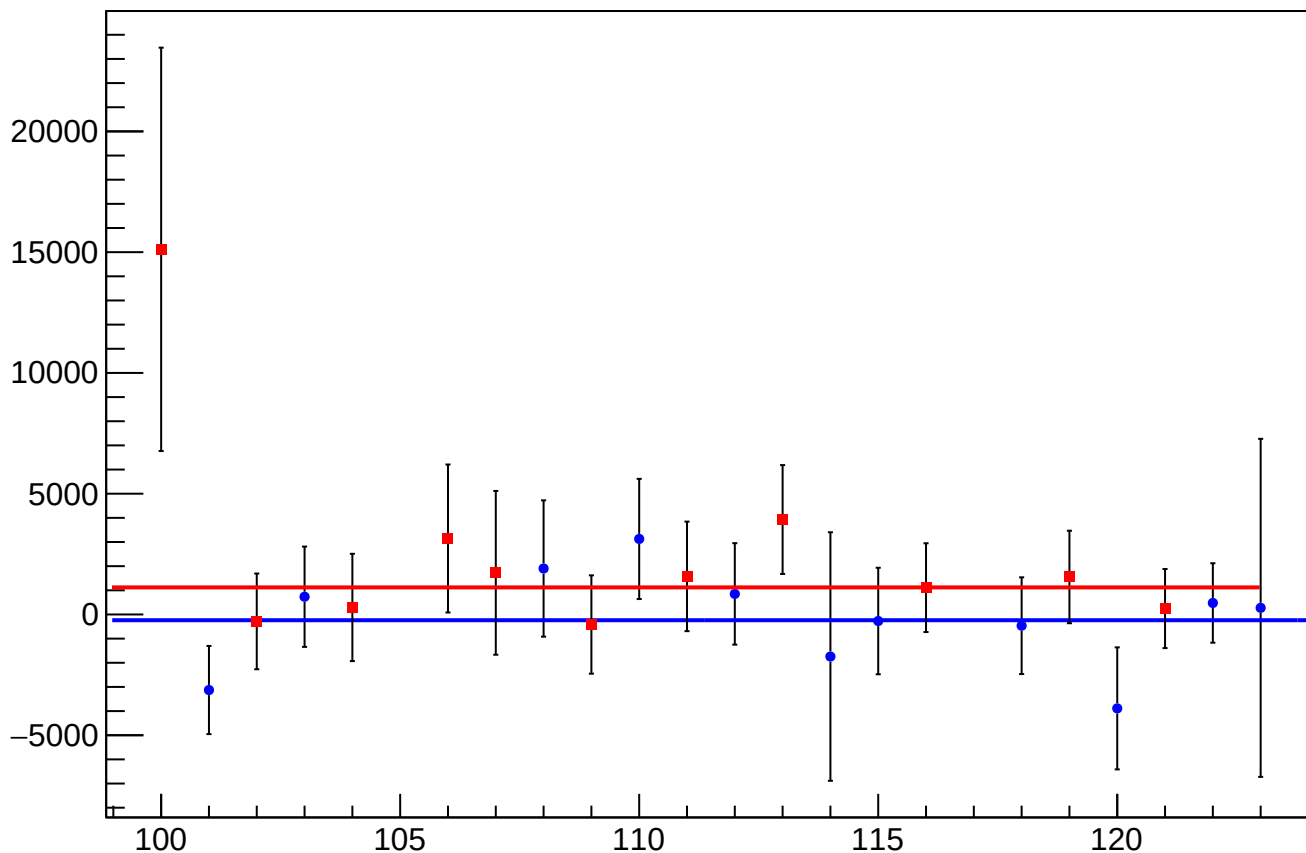
Right: 103.636+/-0.026 χ^2/NDF : 1419907.4/21

In: 101.520+/-0.037 χ^2/NDF : 681469.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.636+/-0.026 χ^2/NDF : 1419907.4/21

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -238.313+/-692.401 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.290+/-668.125 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

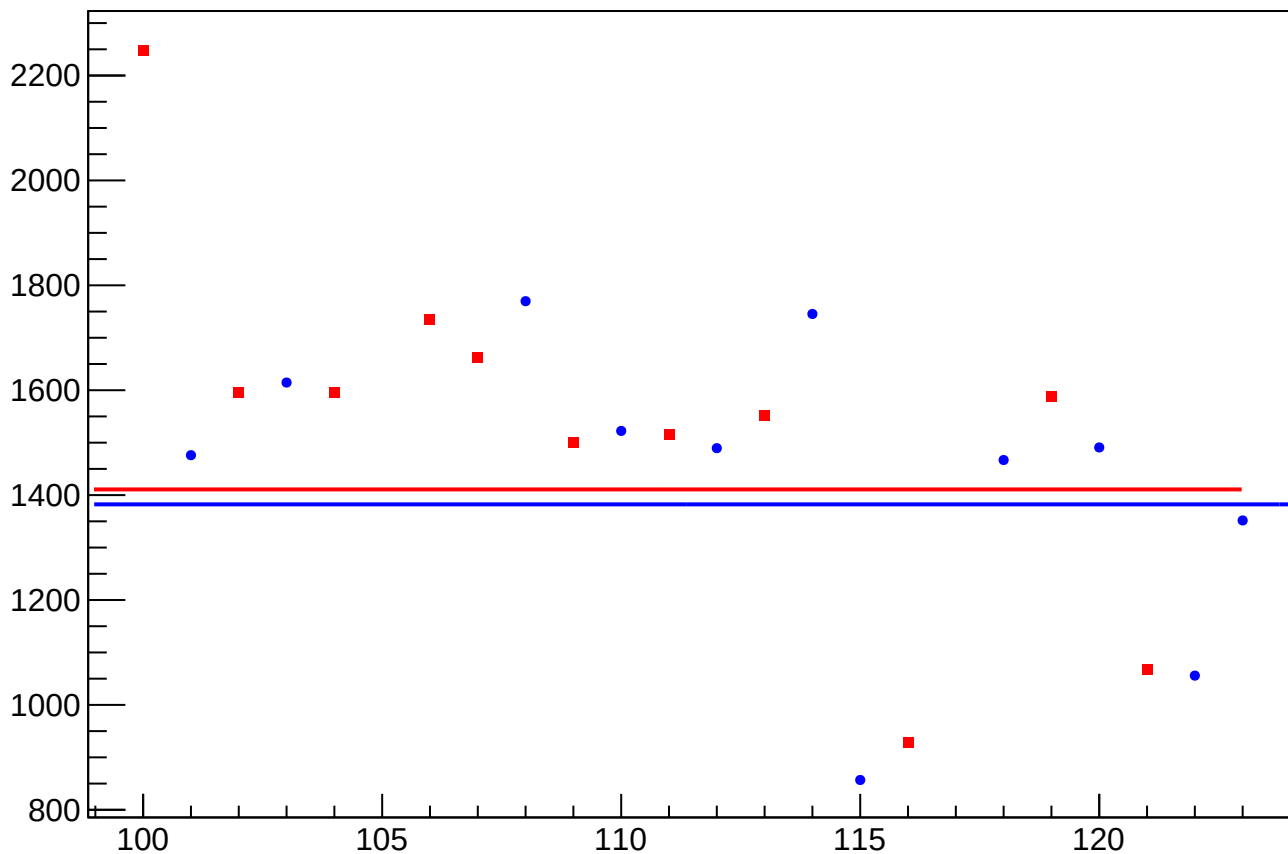
Right: 465.741+/-480.789 χ^2/NDF : 16.2/21

In: -238.313+/-692.401 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.741+/-480.789 χ^2/NDF : 16.2/21

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1382.371+/-0.490 χ^2/NDF : 289222.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.864+/-0.472 χ^2/NDF : 344189.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

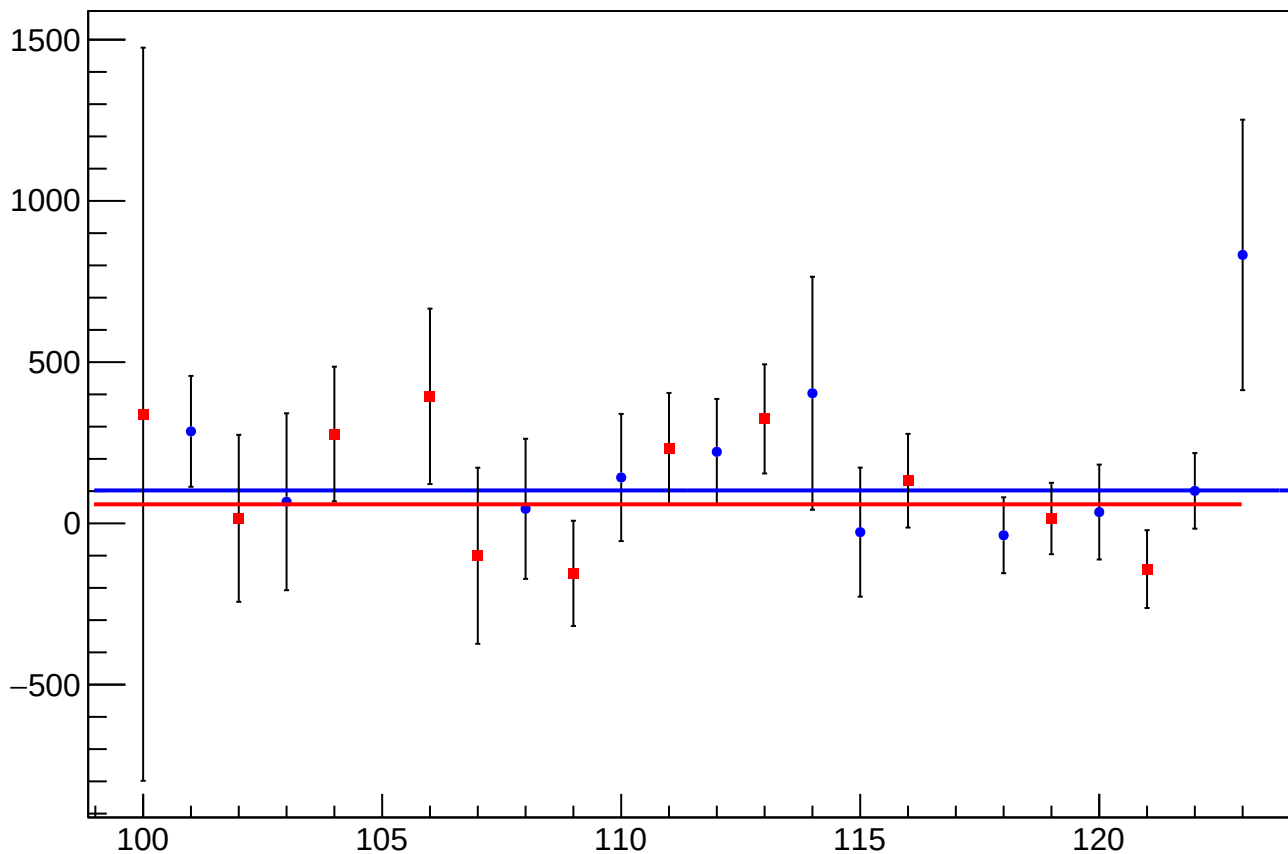
Right: 1397.126+/-0.340 χ^2/NDF : 635166.0/21

In: 1382.371+/-0.490 χ^2/NDF : 289222.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.126+/-0.340 χ^2/NDF : 635166.0/21

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 102.227+/-52.647 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.192+/-52.033 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

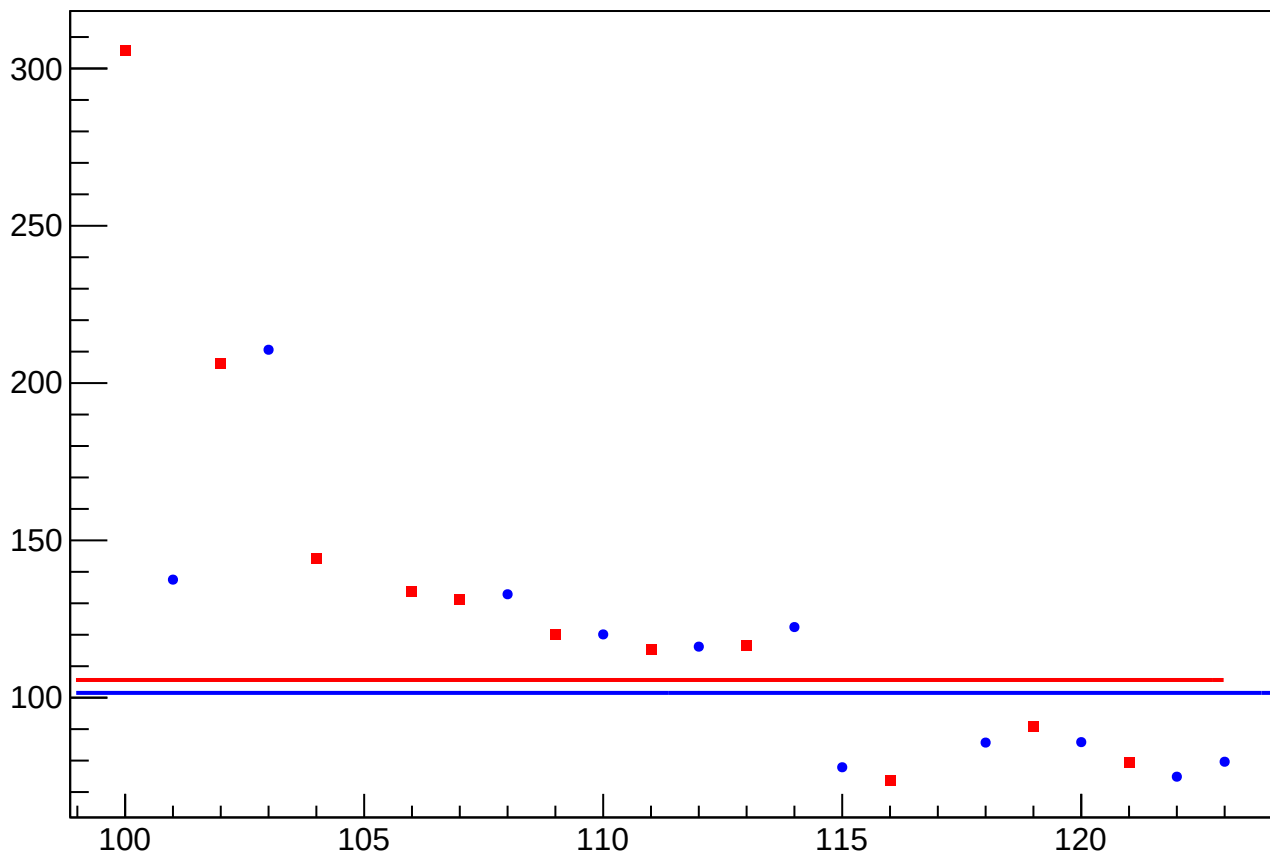
Right: 80.457+/-37.008 χ^2/NDF : 19.3/21

In: 102.227+/-52.647 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.457+/-37.008 χ^2/NDF : 19.3/21

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 101.520+/-0.037 χ^2/NDF : 681472.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.622+/-0.037 χ^2/NDF : 729129.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

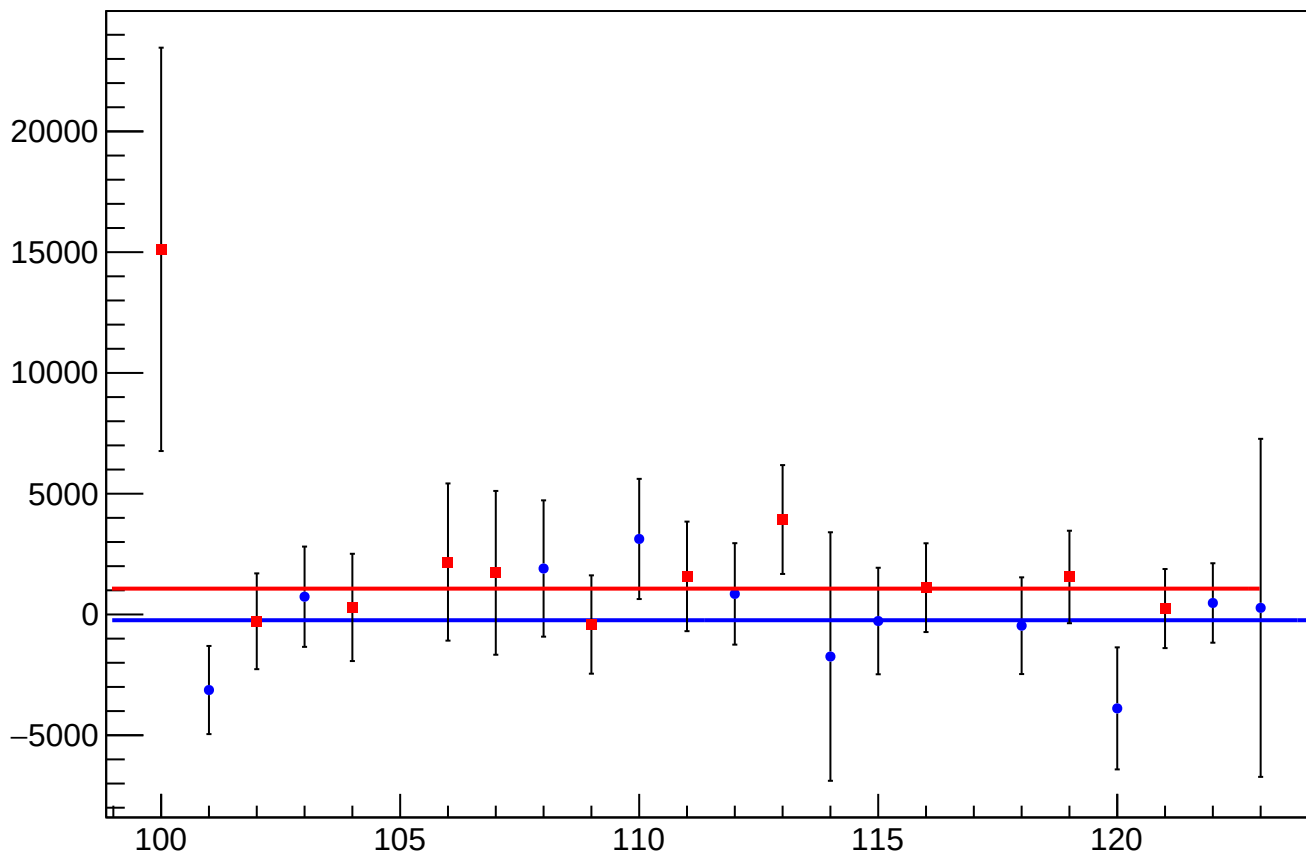
Right: 103.595+/-0.026 χ^2/NDF : 1416745.1/21

In: 101.520+/-0.037 χ^2/NDF : 681472.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.595+/-0.026 χ^2/NDF : 1416745.1/21

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -238.227+/-692.407 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1069.843+/-670.001 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

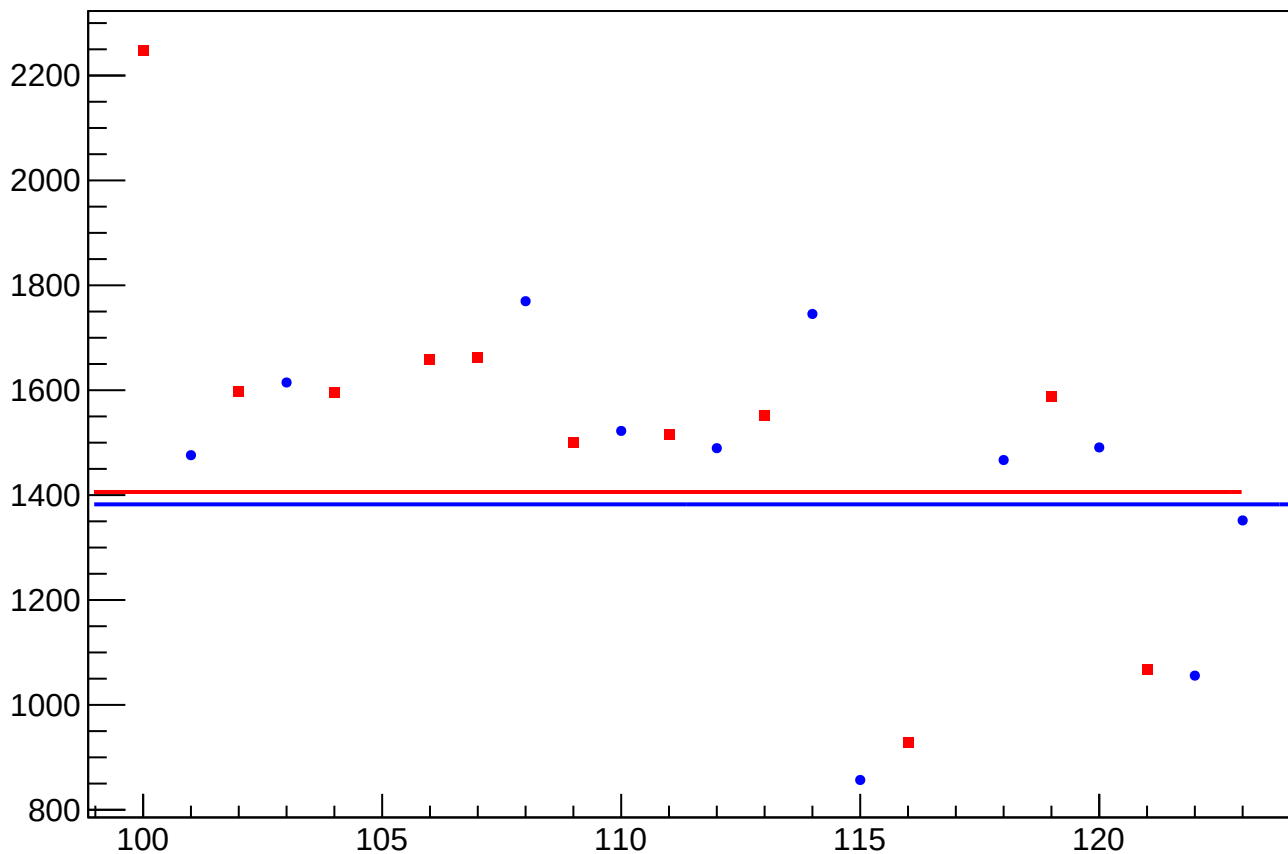
Right: 437.314+/-481.489 χ^2/NDF : 15.7/21

In: -238.227+/-692.407 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.314+/-481.489 χ^2/NDF : 15.7/21

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1382.380+/-0.490 χ^2/NDF : 289244.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1405.954+/-0.474 χ^2/NDF : 333466.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

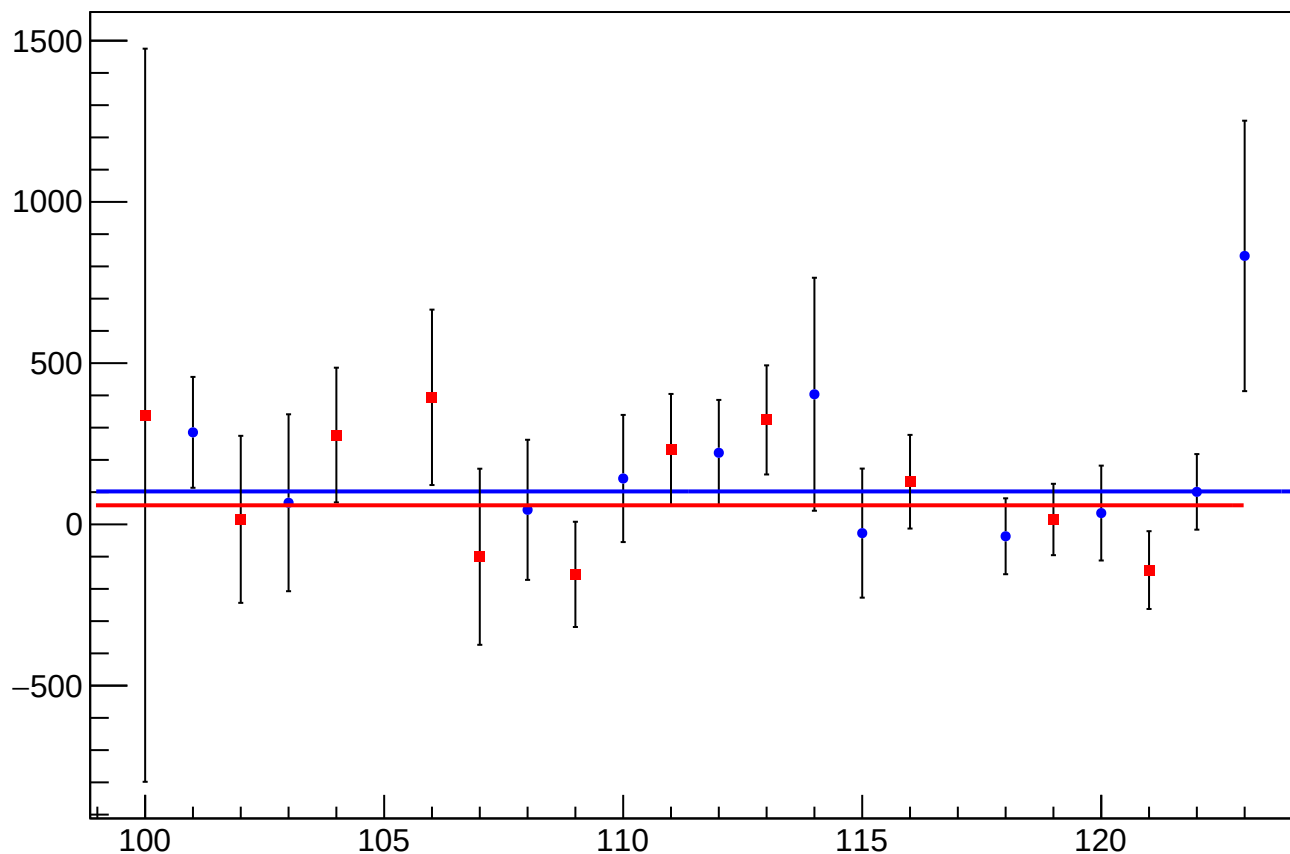
Right: 1394.554+/-0.340 χ^2/NDF : 623907.8/21

In: 1382.380+/-0.490 χ^2/NDF : 289244.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.554+/-0.340 χ^2/NDF : 623907.8/21

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 102.227+/-52.647 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.192+/-52.033 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

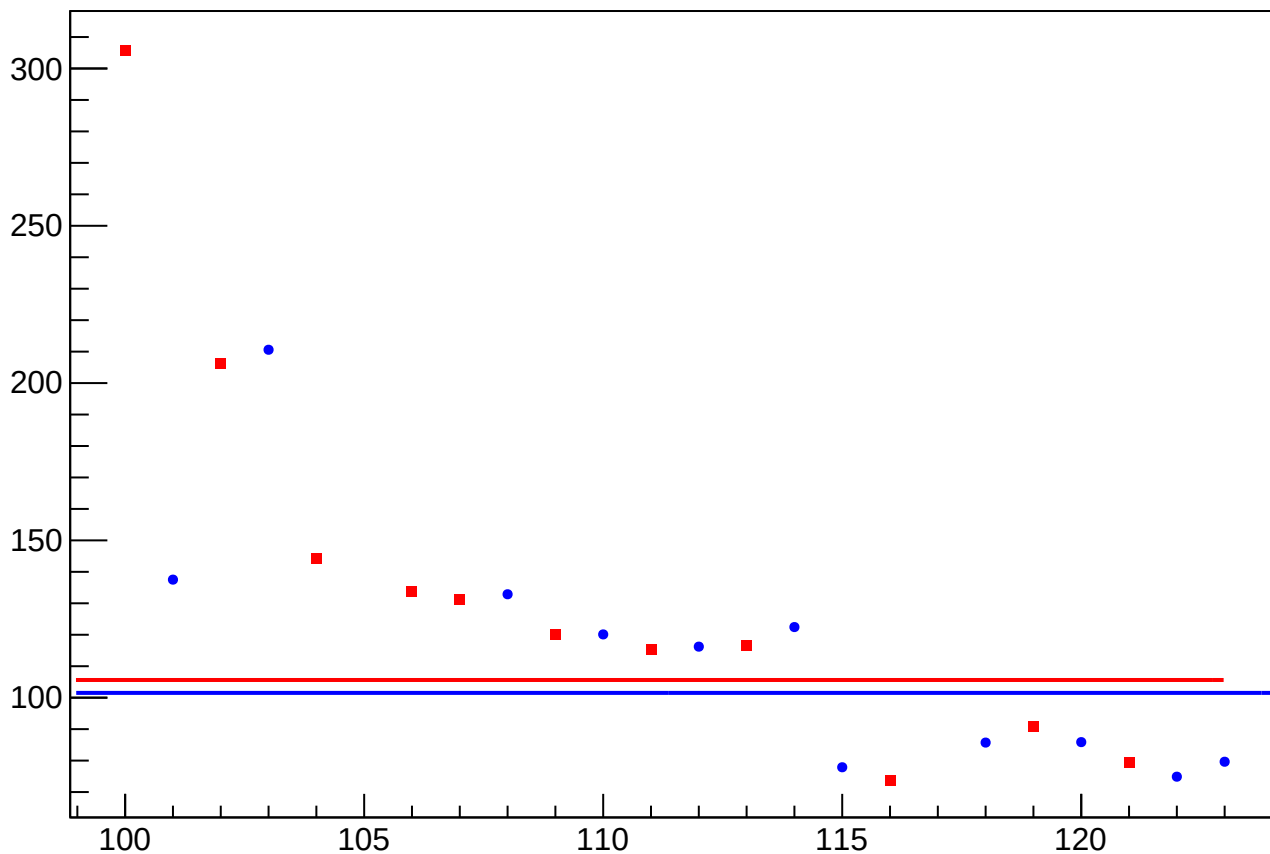
Right: 80.457+/-37.008 χ^2/NDF : 19.3/21

In: 102.227+/-52.647 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.457+/-37.008 χ^2/NDF : 19.3/21

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 101.520+/-0.037 χ^2/NDF : 681472.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.622+/-0.037 χ^2/NDF : 729129.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

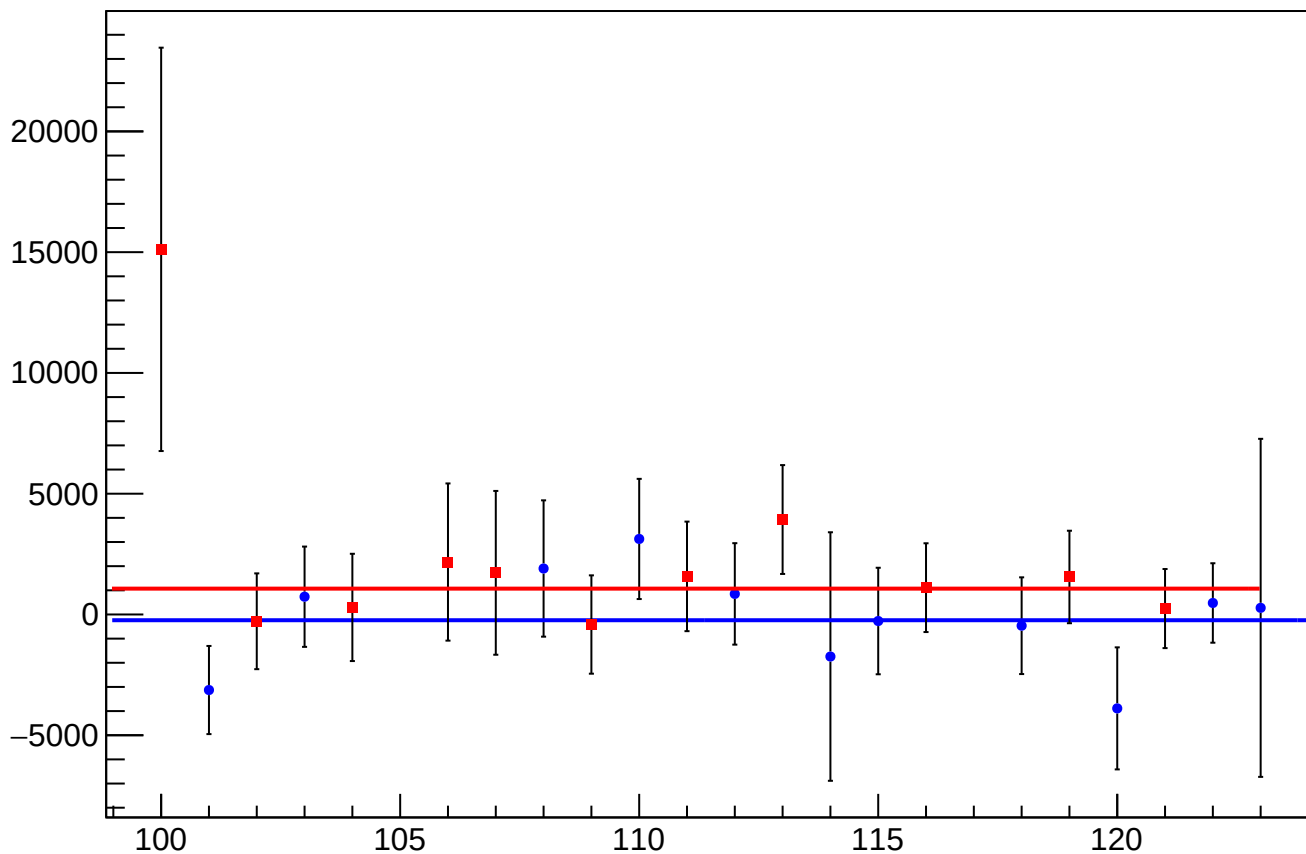
Right: 103.595+/-0.026 χ^2/NDF : 1416745.1/21

In: 101.520+/-0.037 χ^2/NDF : 681472.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.595+/-0.026 χ^2/NDF : 1416745.1/21

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -238.227+/-692.407 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1069.843+/-670.001 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

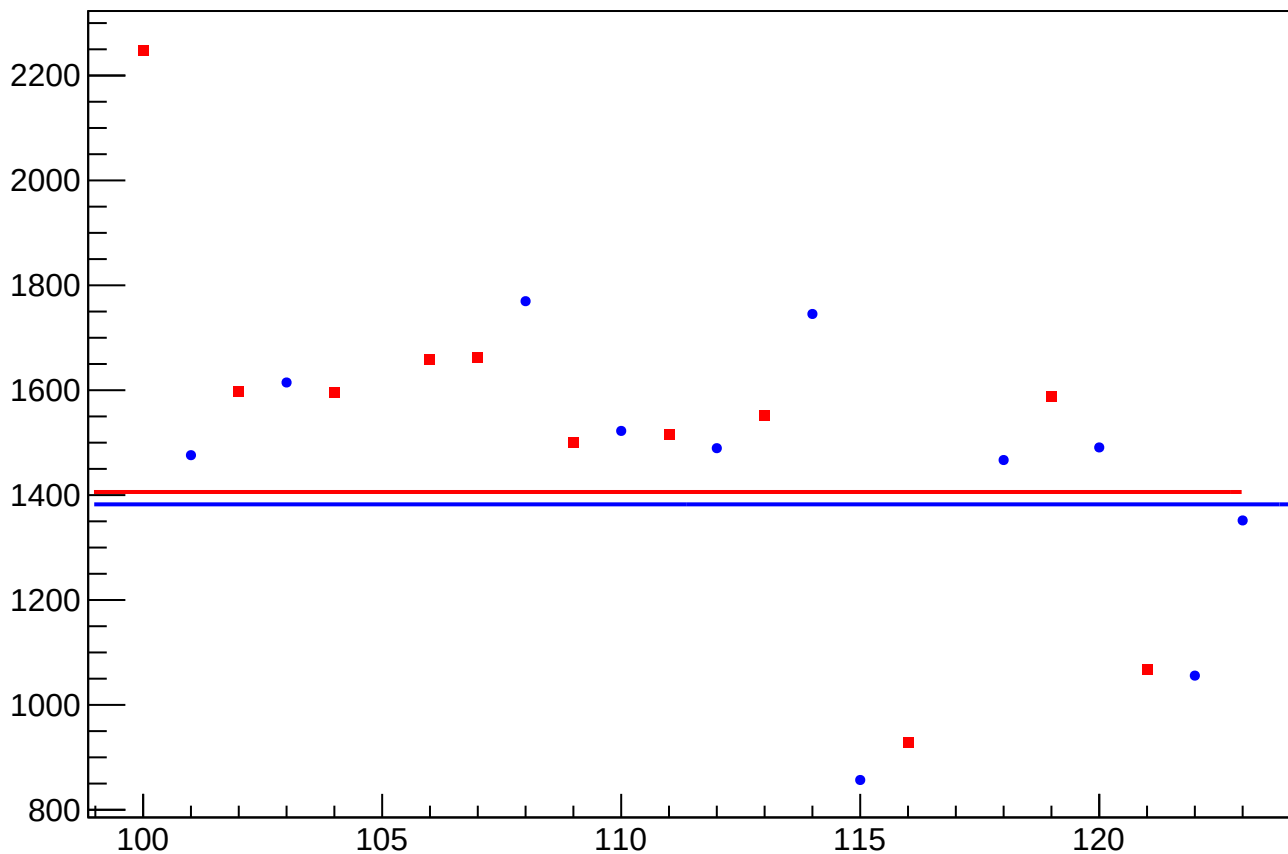
Right: 437.314+/-481.489 χ^2/NDF : 15.7/21

In: -238.227+/-692.407 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.314+/-481.489 χ^2/NDF : 15.7/21

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1382.380+/-0.490 χ^2/NDF : 289244.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1405.954+/-0.474 χ^2/NDF : 333466.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

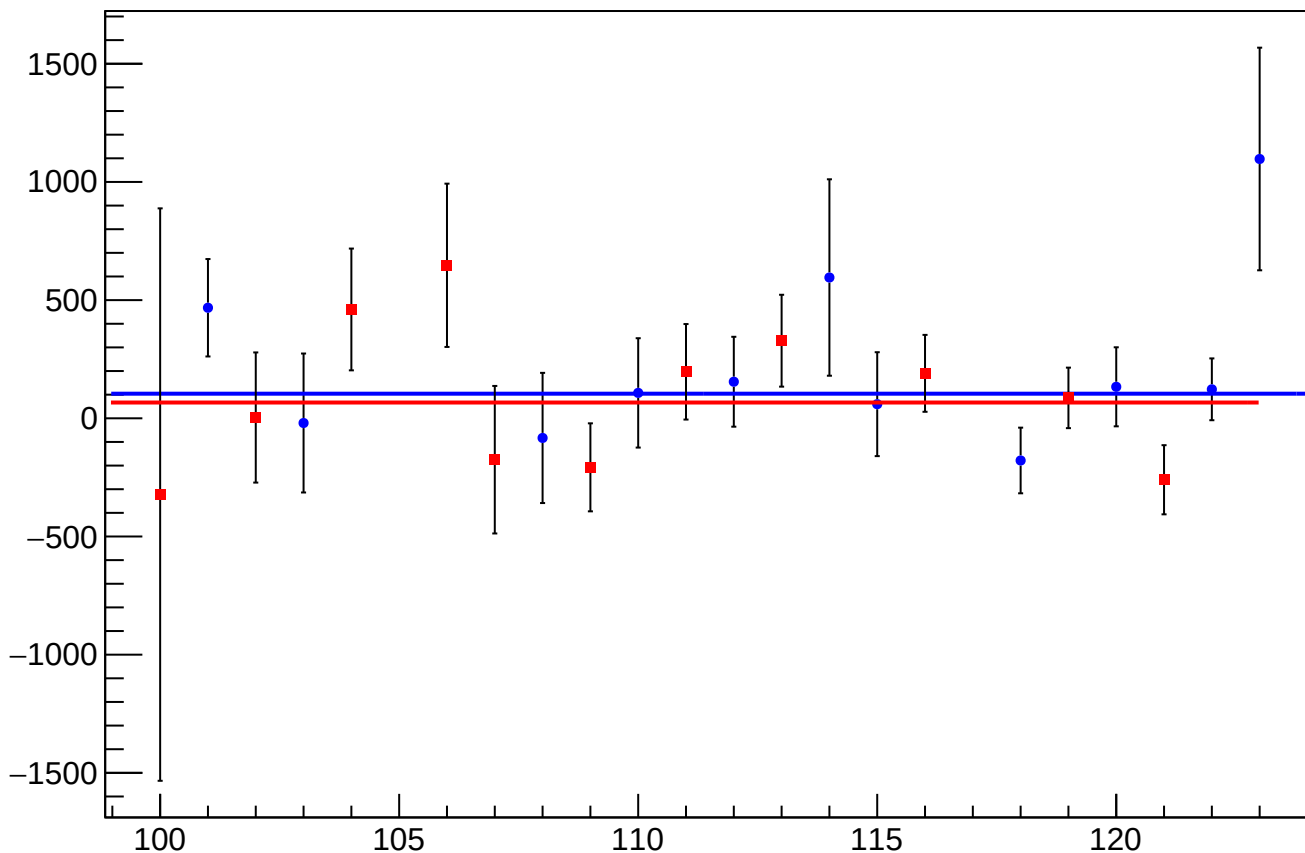
Right: 1394.554+/-0.340 χ^2/NDF : 623907.8/21

In: 1382.380+/-0.490 χ^2/NDF : 289244.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.554+/-0.340 χ^2/NDF : 623907.8/21

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 104.150+/-60.664 χ^2/NDF : 13.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.789+/-60.527 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

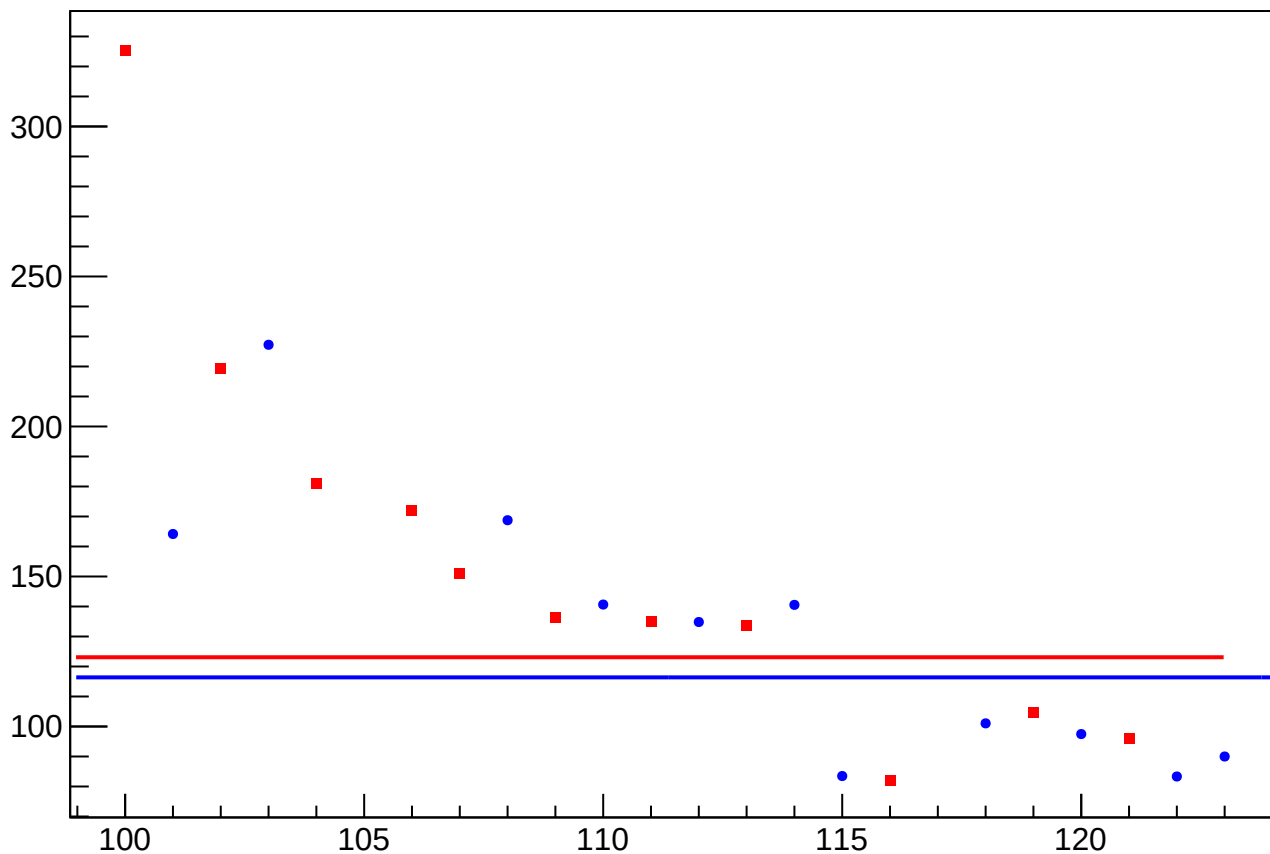
Right: 85.428+/-42.848 χ^2/NDF : 30.0/21

In: 104.150+/-60.664 χ^2/NDF : 13.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.428+/-42.848 χ^2/NDF : 30.0/21

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.375+/-0.043 χ^2/NDF : 740640.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.082+/-0.043 χ^2/NDF : 717397.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

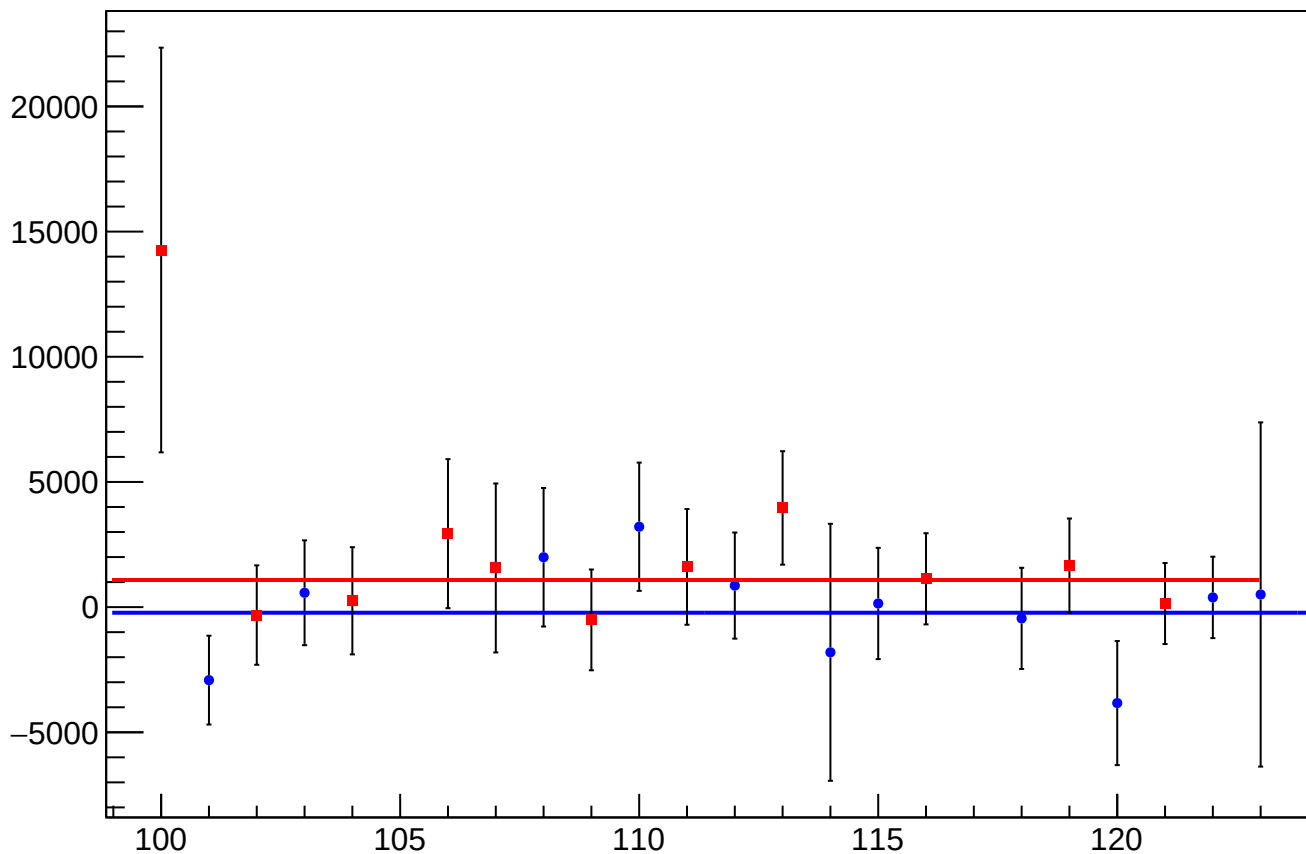
Right: 119.736+/-0.030 χ^2/NDF : 1470290.4/21

In: 116.375+/-0.043 χ^2/NDF : 740640.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.736+/-0.030 χ^2/NDF : 1470290.4/21

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -223.888+/-690.203 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.178+/-662.015 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

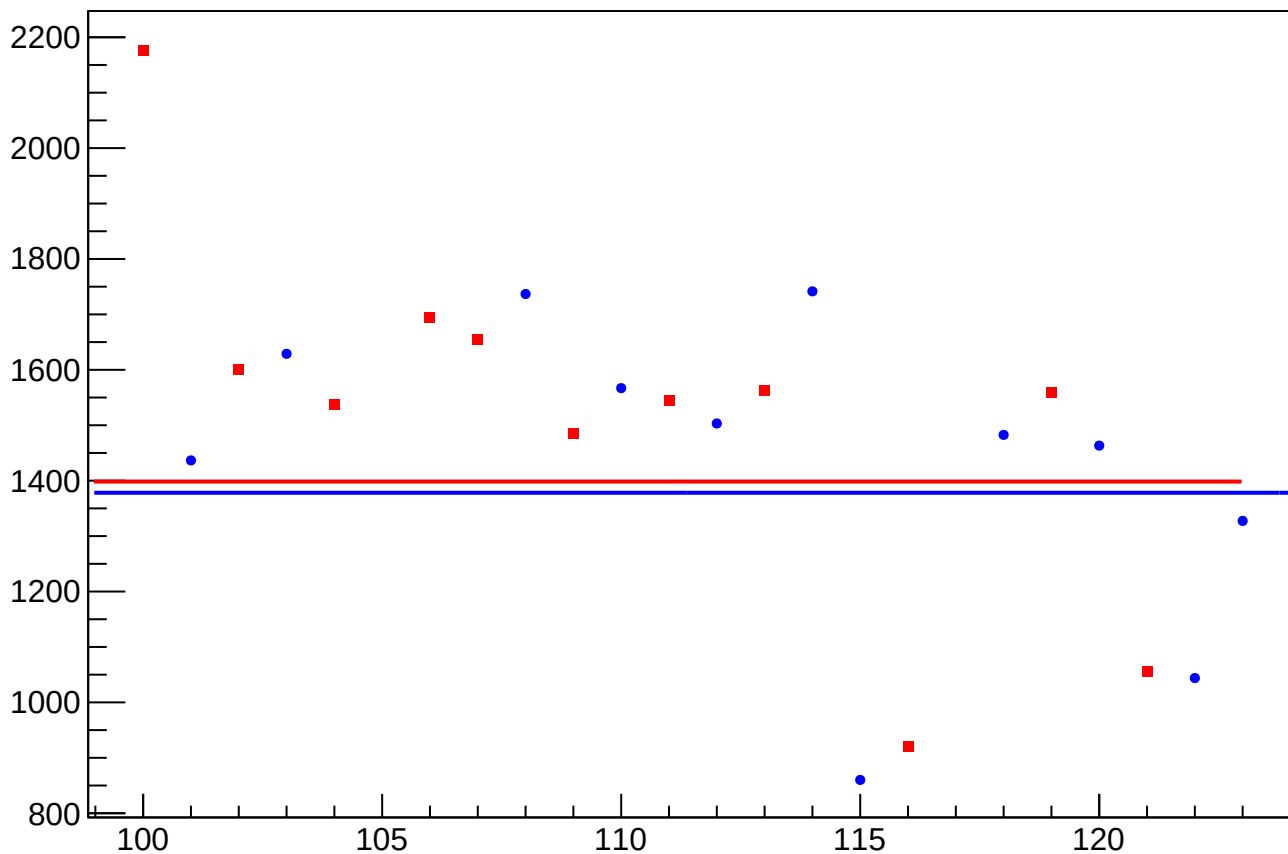
Right: 456.880+/-477.770 χ^2/NDF : 15.9/21

In: -223.888+/-690.203 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.880+/-477.770 χ^2/NDF : 15.9/21

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1378.216+/-0.488 χ^2/NDF : 293323.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.429+/-0.468 χ^2/NDF : 343370.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

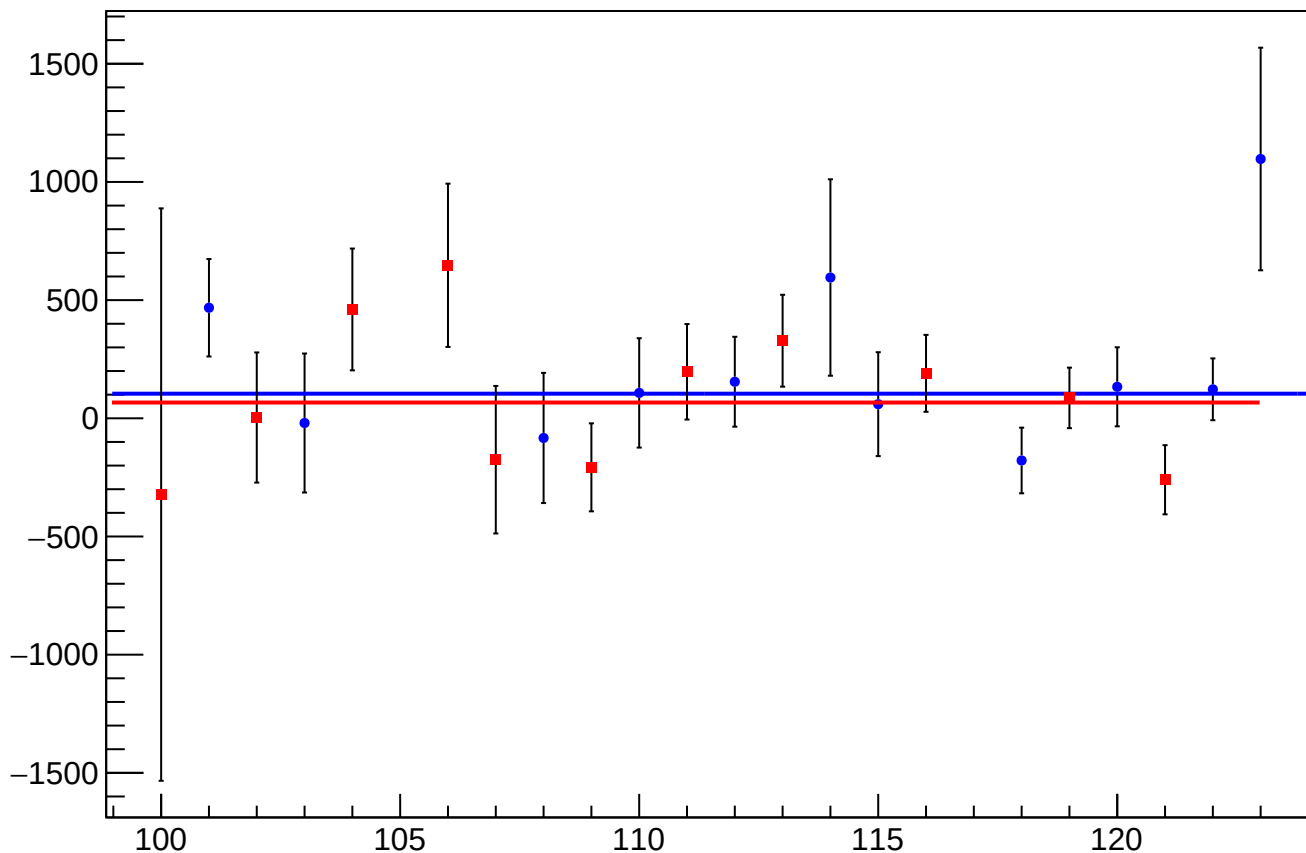
Right: 1388.744+/-0.338 χ^2/NDF : 637587.0/21

In: 1378.216+/-0.488 χ^2/NDF : 293323.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.744+/-0.338 χ^2/NDF : 637587.0/21

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 104.150+/-60.664 χ^2/NDF : 13.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.786+/-60.527 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

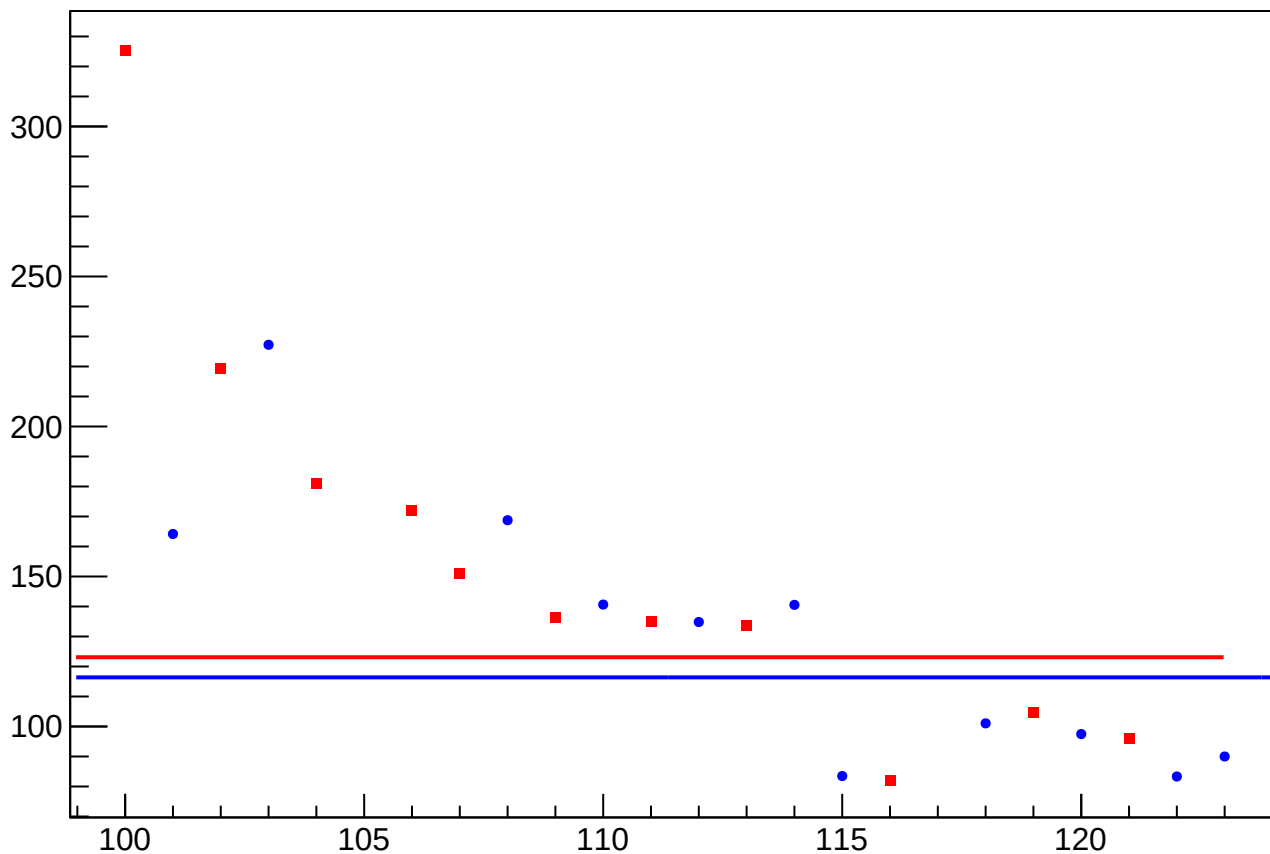
Right: 85.426+/-42.848 χ^2/NDF : 30.0/21

In: 104.150+/-60.664 χ^2/NDF : 13.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.426+/-42.848 χ^2/NDF : 30.0/21

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.375+/-0.043 χ^2/NDF : 740633.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.083+/-0.043 χ^2/NDF : 717393.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

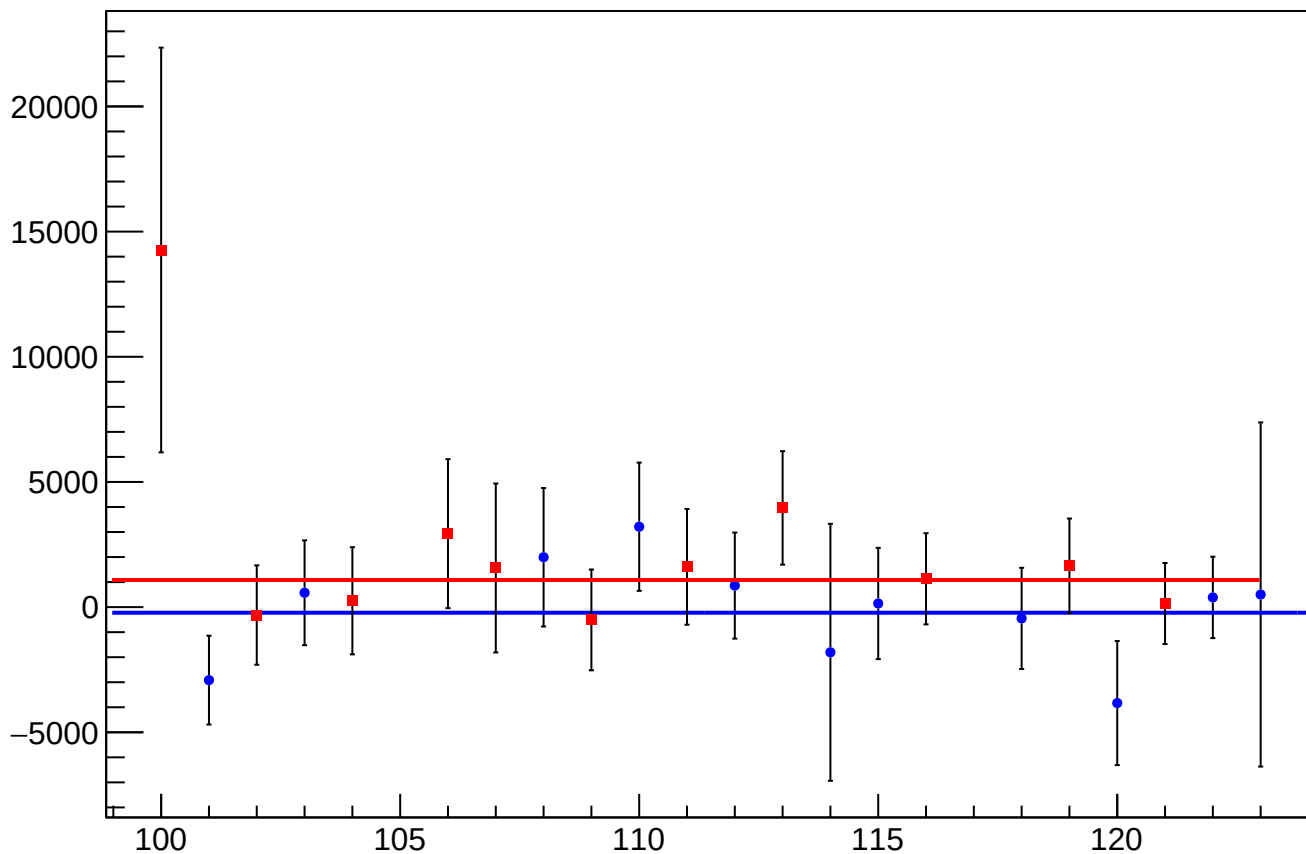
Right: 119.736+/-0.030 χ^2/NDF : 1470280.7/21

In: 116.375+/-0.043 χ^2/NDF : 740633.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.736+/-0.030 χ^2/NDF : 1470280.7/21

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -223.886+/-690.202 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.175+/-662.014 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

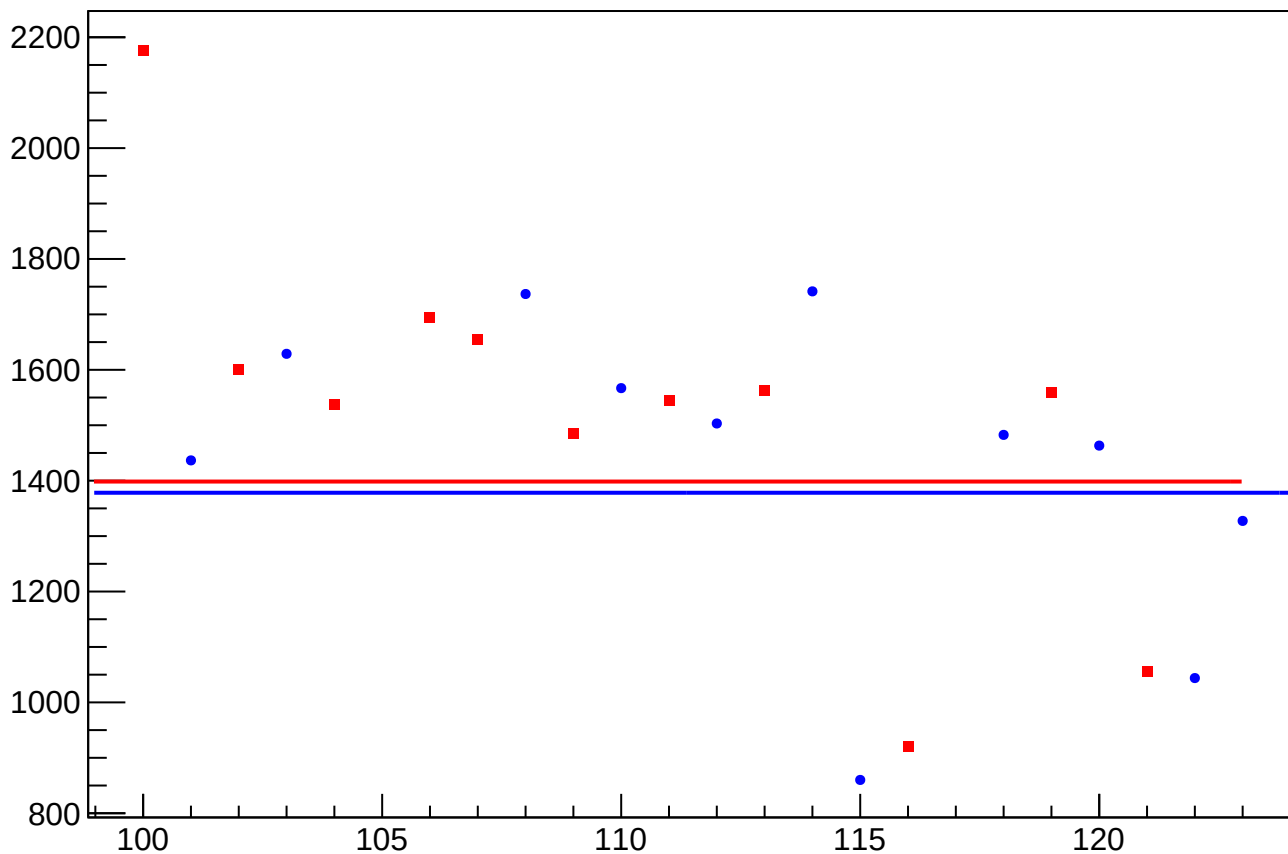
Right: 456.880+/-477.769 χ^2/NDF : 15.9/21

In: -223.886+/-690.202 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.880+/-477.769 χ^2/NDF : 15.9/21

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1378.213+/-0.488 χ^2/NDF : 293318.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.426+/-0.468 χ^2/NDF : 343366.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

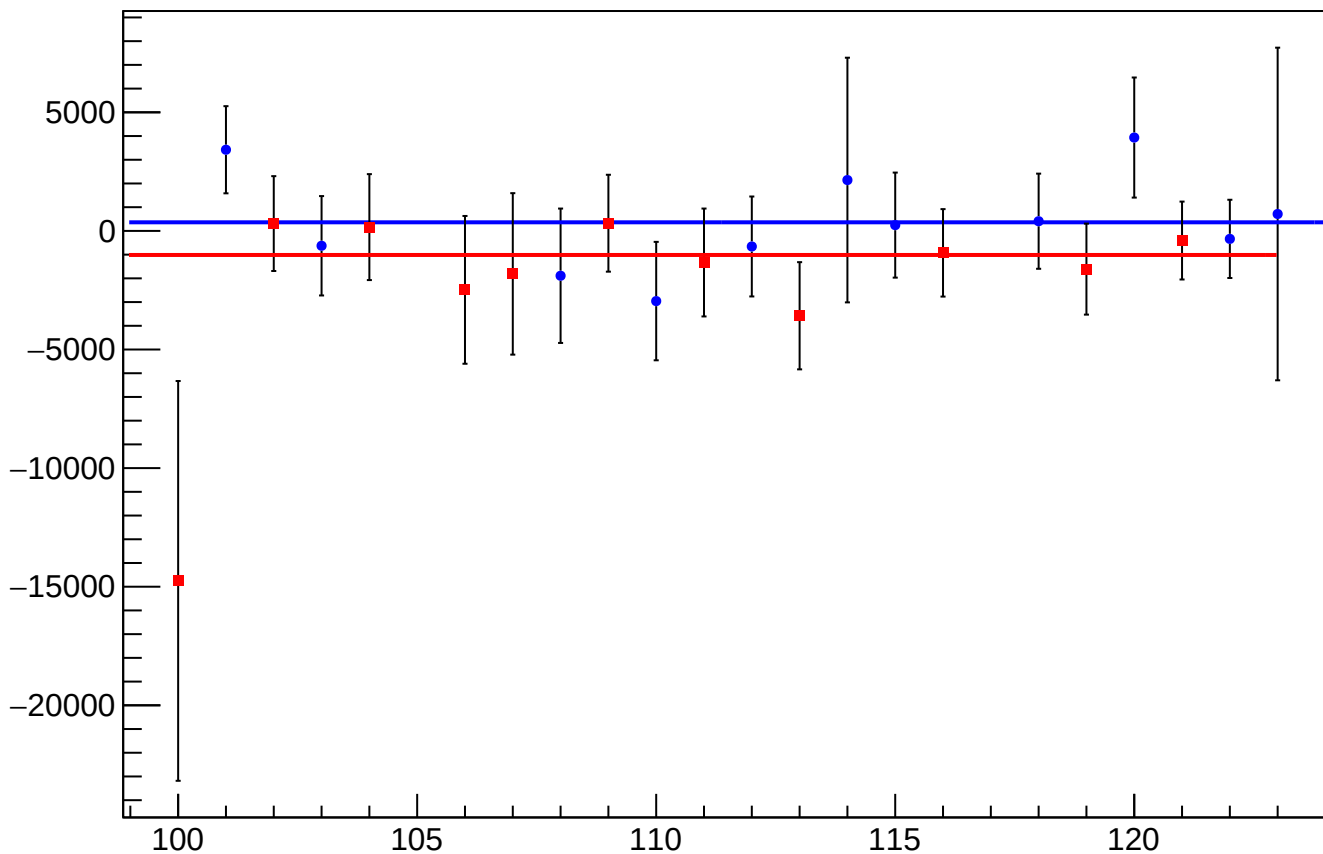
Right: 1388.741+/-0.338 χ^2/NDF : 637578.8/21

In: 1378.213+/-0.488 χ^2/NDF : 293318.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.741+/-0.338 χ^2/NDF : 637578.8/21

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 362.783+/-695.281 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1014.052+/-671.179 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

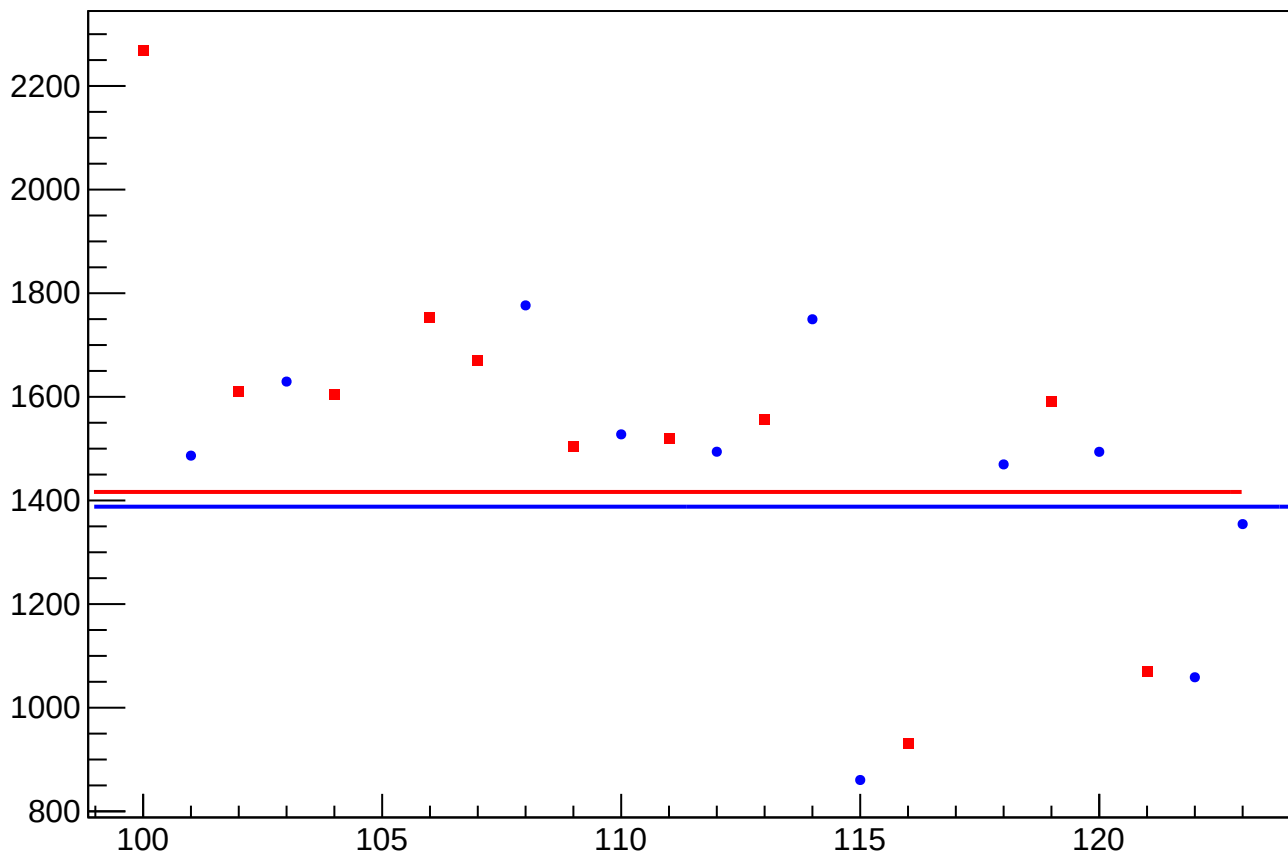
Right: -349.912+/-482.891 χ^2/NDF : 15.6/21

In: 362.783+/-695.281 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.912+/-482.891 χ^2/NDF : 15.6/21

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1388.006+/-0.492 χ^2/NDF : 291164.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.437+/-0.475 χ^2/NDF : 347673.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

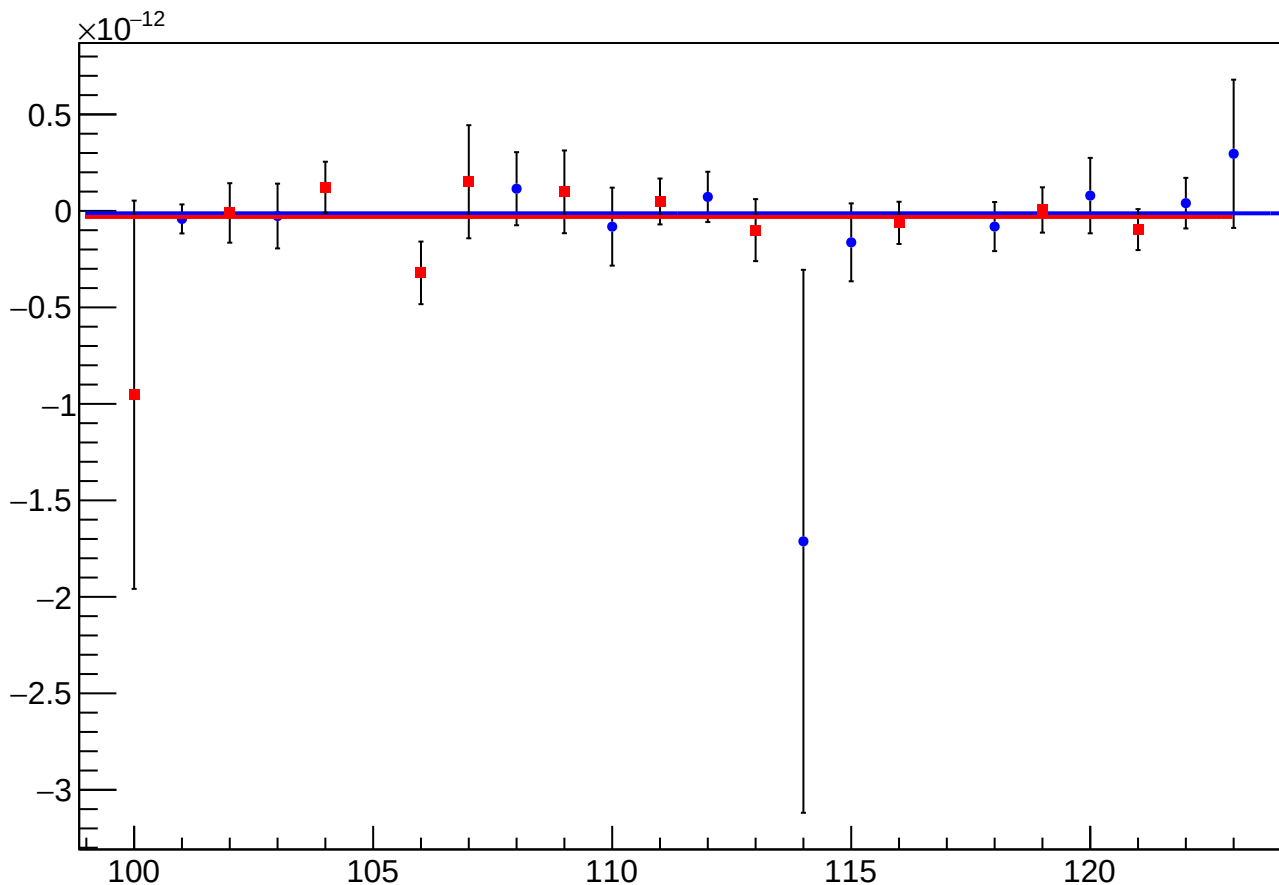
Right: 1402.723+/-0.341 χ^2/NDF : 640568.8/21

In: 1388.006+/-0.492 χ^2/NDF : 291164.2/10

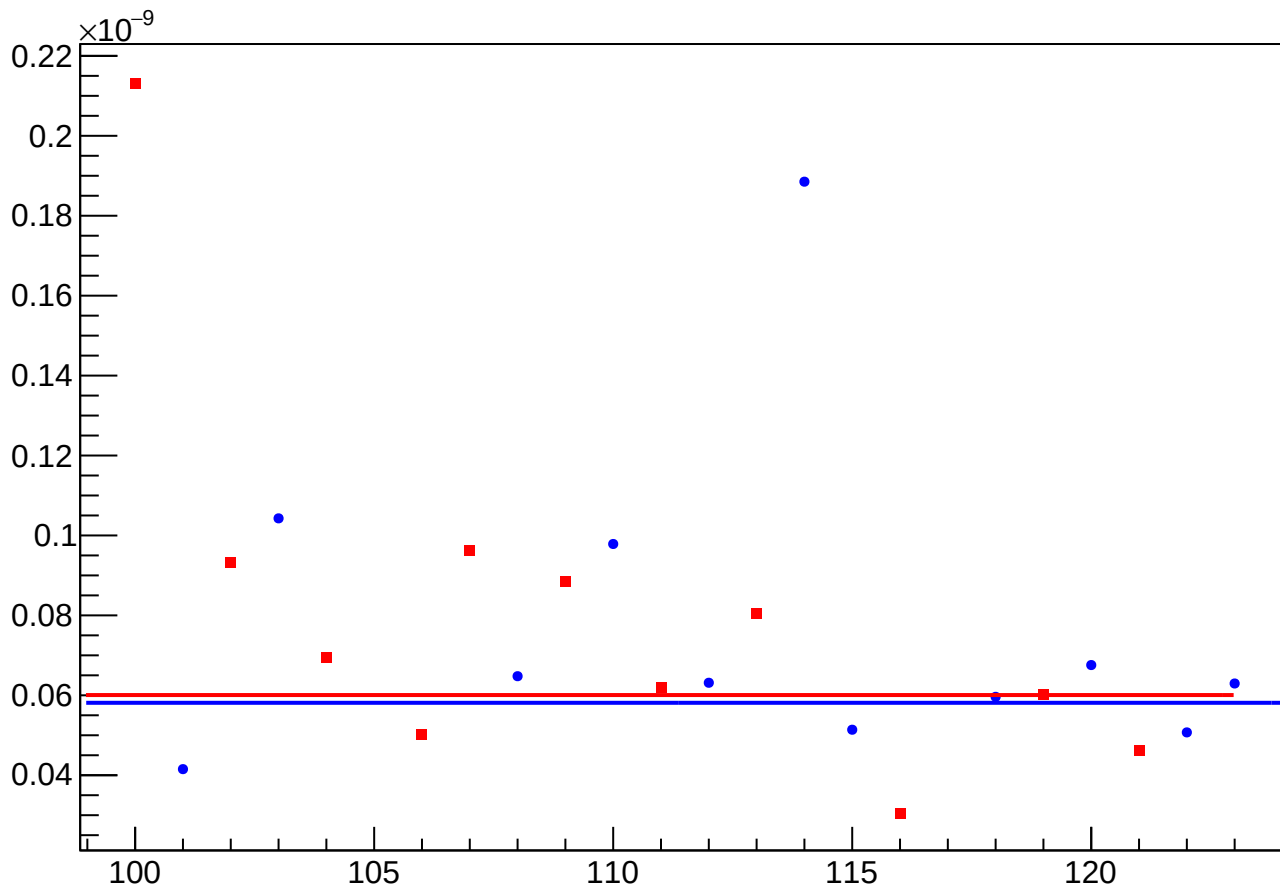
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.723+/-0.341 χ^2/NDF : 640568.8/21

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 362550.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 435581.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

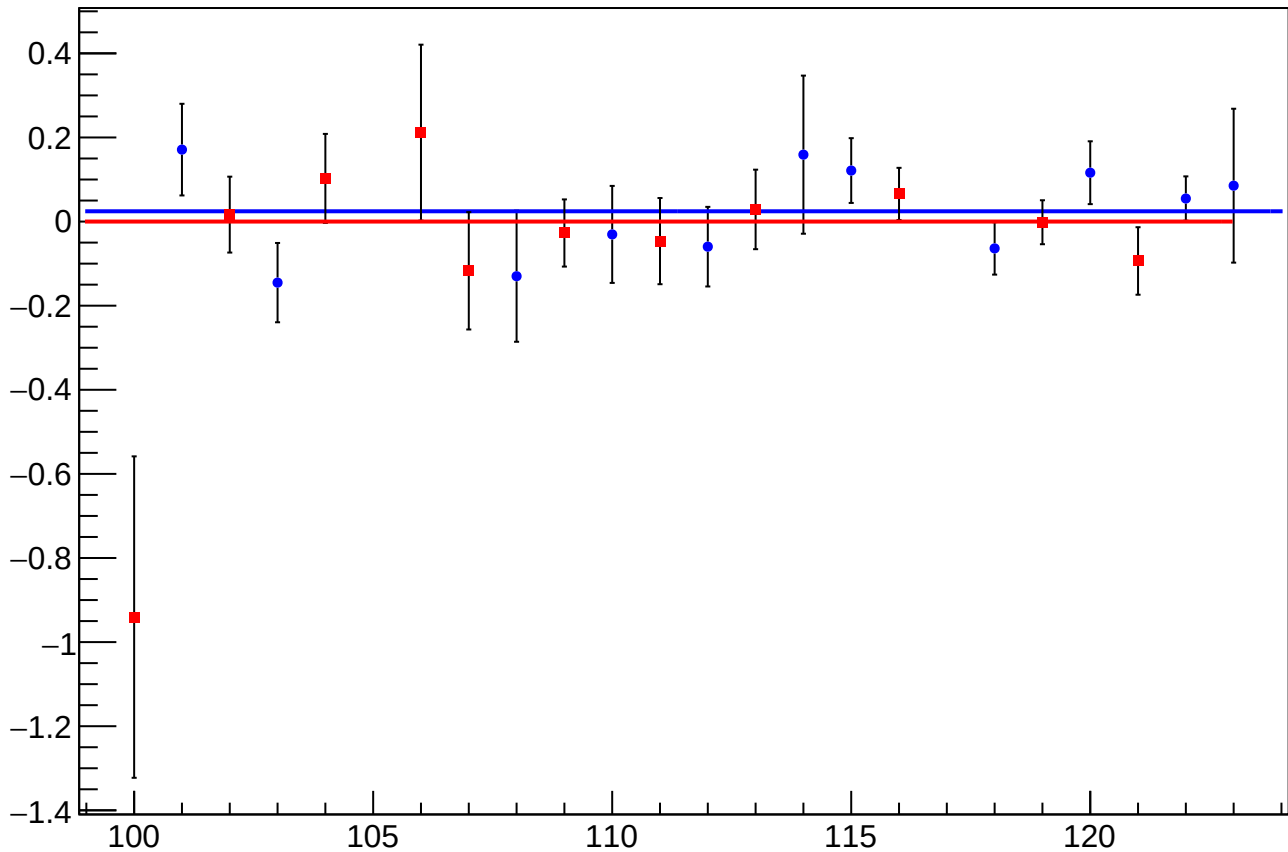
Right: 0.000+/-0.000 χ^2/NDF : 800062.5/21

In: 0.000+/-0.000 χ^2/NDF : 362550.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 800062.5/21

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.026 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

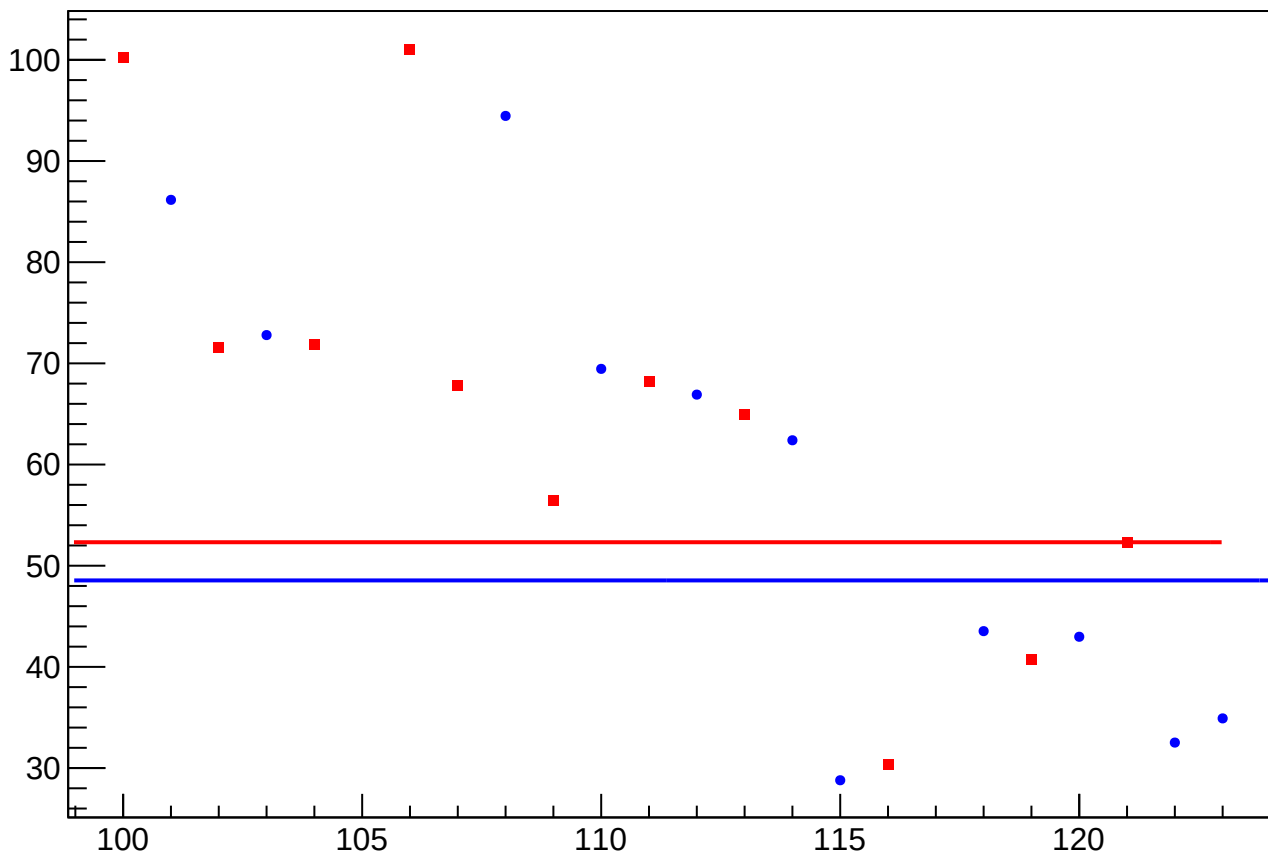
Right: 0.012+/-0.019 χ^2/NDF : 25.2/21

In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 25.2/21

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.546+/-0.019 χ^2/NDF : 1047727.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.321+/-0.019 χ^2/NDF : 761005.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

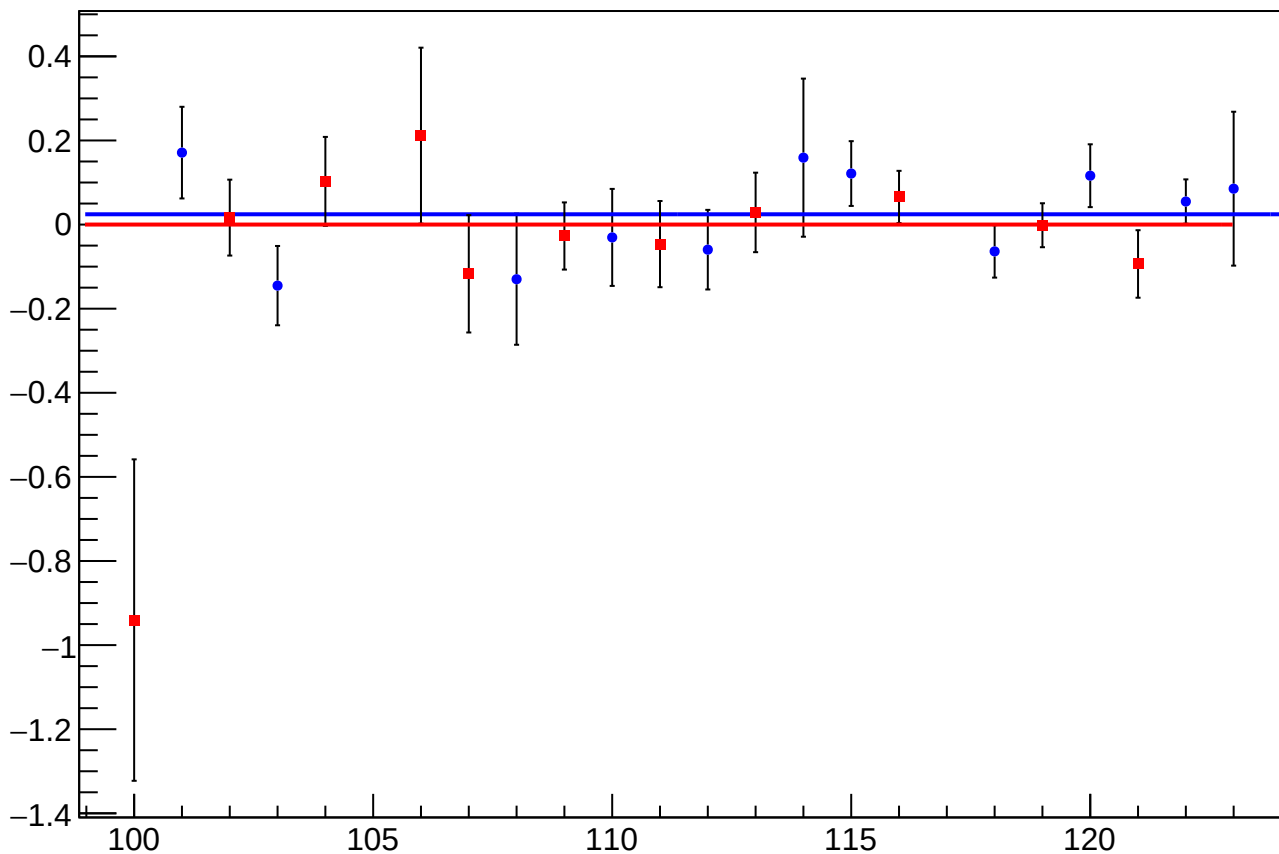
Right: 50.427+/-0.013 χ^2/NDF : 1829292.3/21

In: 48.546+/-0.019 χ^2/NDF : 1047727.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.427+/-0.013 χ^2/NDF : 1829292.3/21

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.026 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

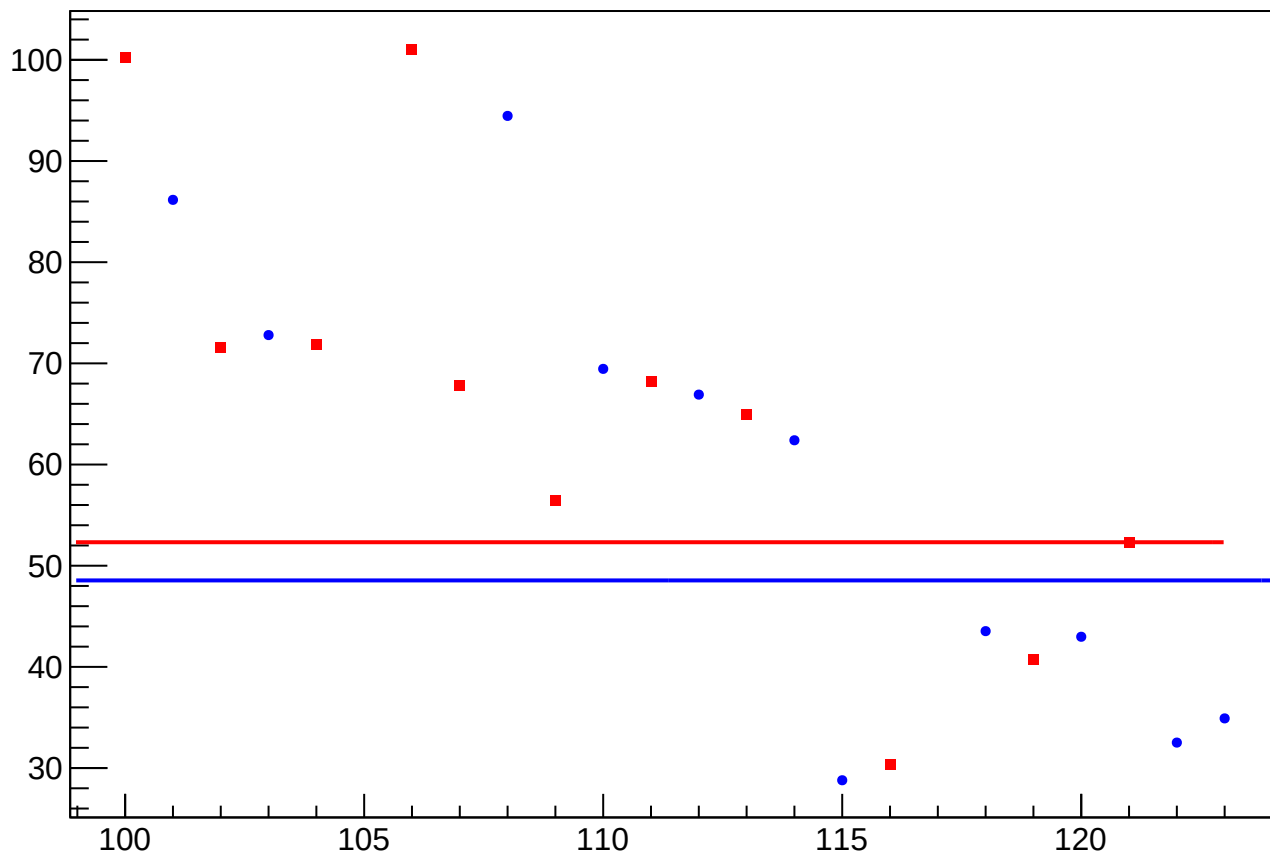
Right: 0.012+/-0.019 χ^2/NDF : 25.2/21

In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 25.2/21

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.546+/-0.019 χ^2/NDF : 1047727.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.321+/-0.019 χ^2/NDF : 761005.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

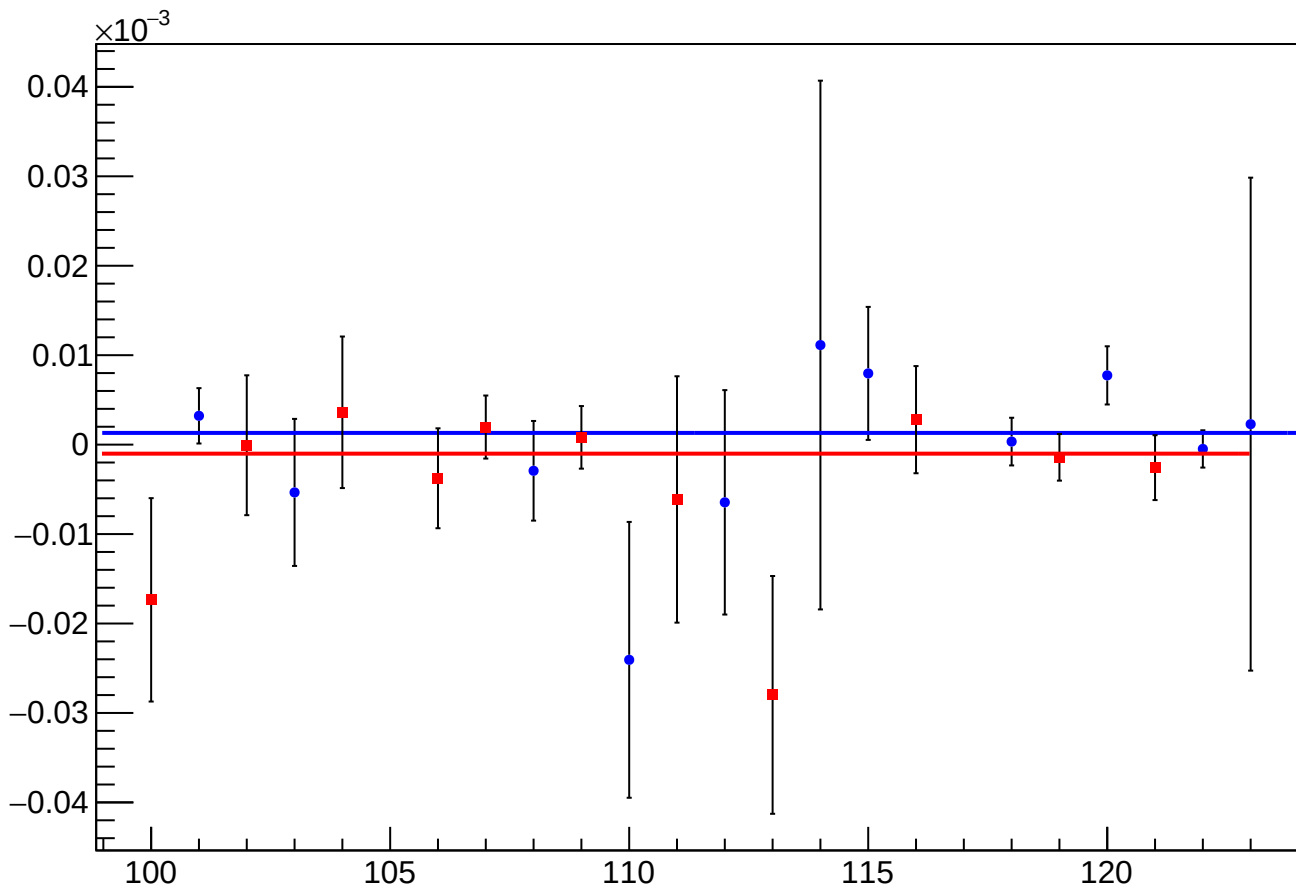
Right: 50.427+/-0.013 χ^2/NDF : 1829292.3/21

In: 48.546+/-0.019 χ^2/NDF : 1047727.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.427+/-0.013 χ^2/NDF : 1829292.3/21

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/10

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

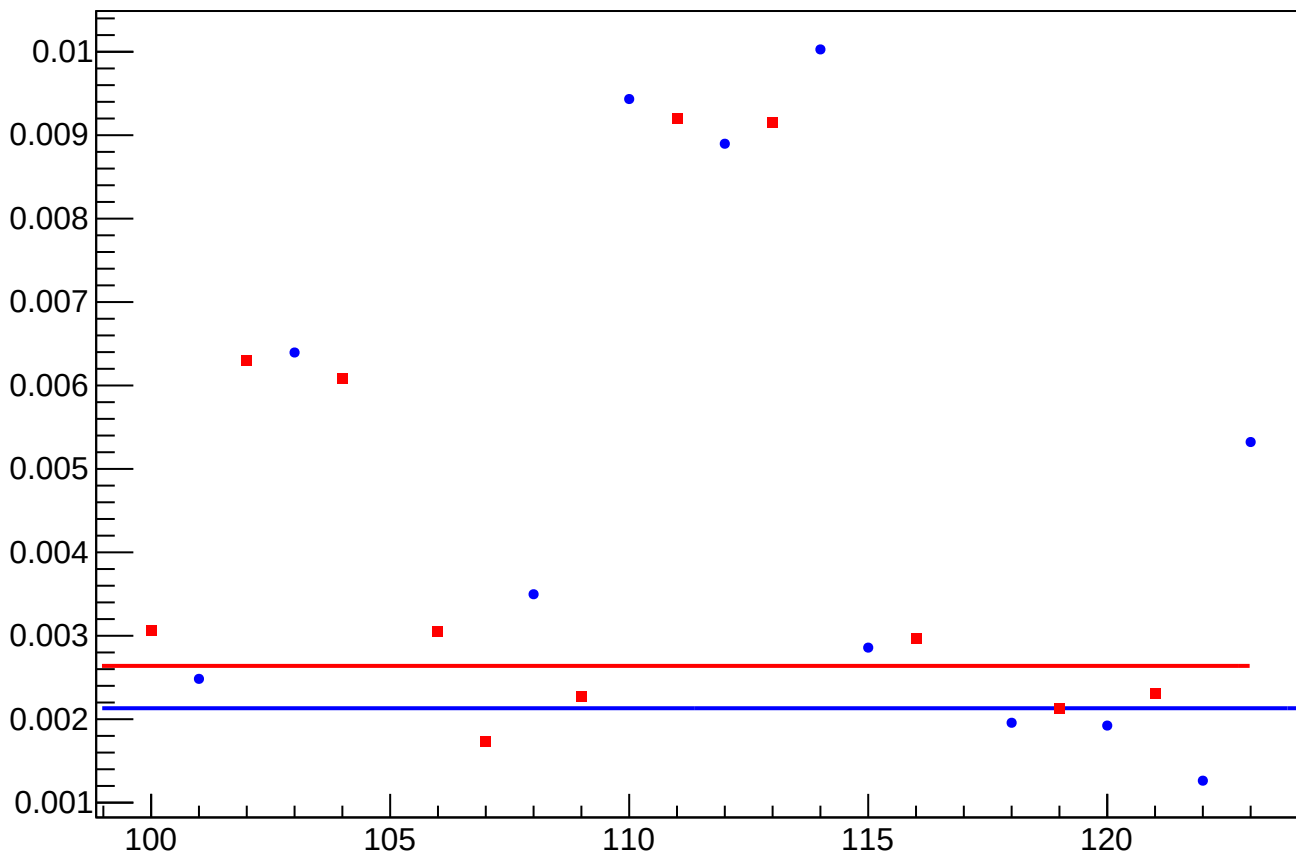
Right: 0.000+/-0.000 χ^2/NDF : 20.4/21

In: 0.000+/-0.000 χ^2/NDF : 10.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/21

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2266912.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1974451.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

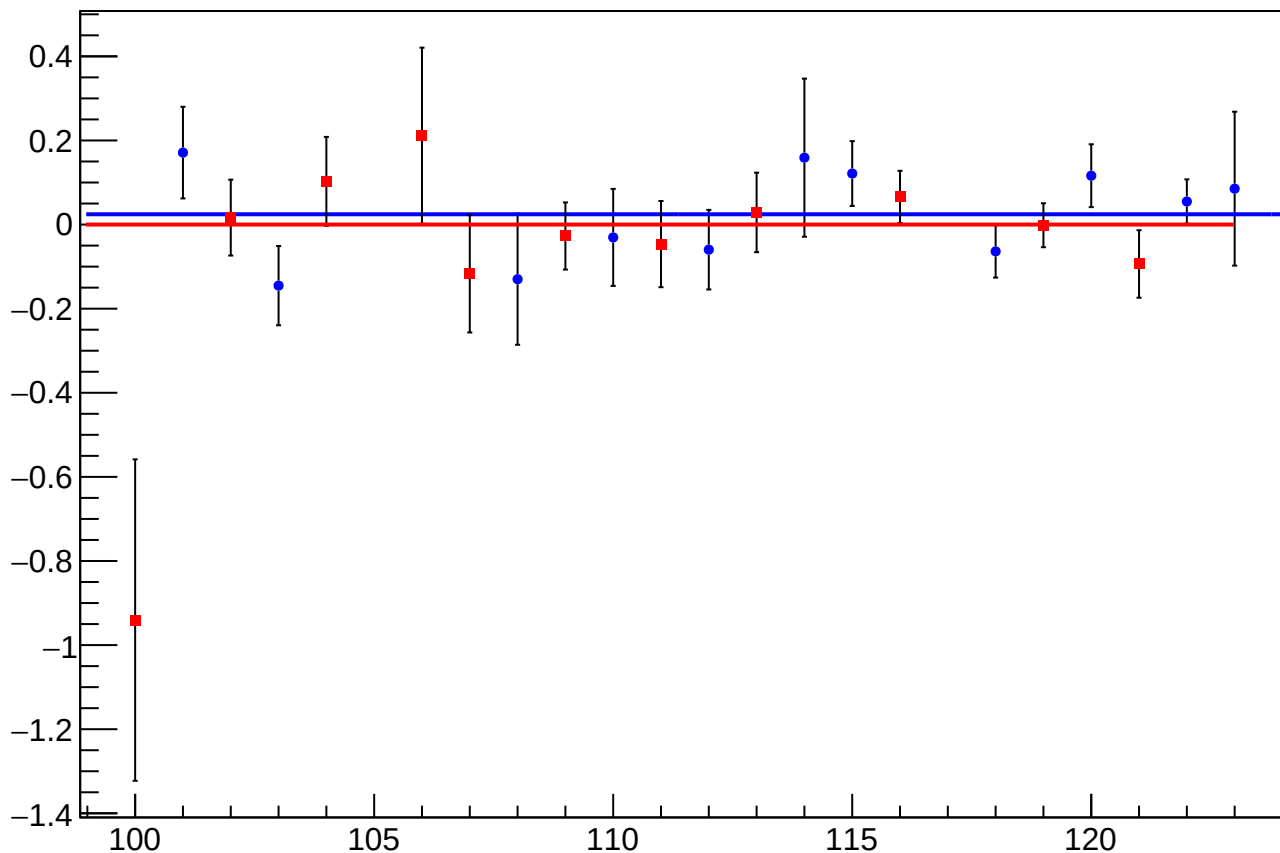
Right: 0.002+/-0.000 χ^2/NDF : 4385826.5/21

In: 0.002+/-0.000 χ^2/NDF :2266912.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4385826.5/21

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.026 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

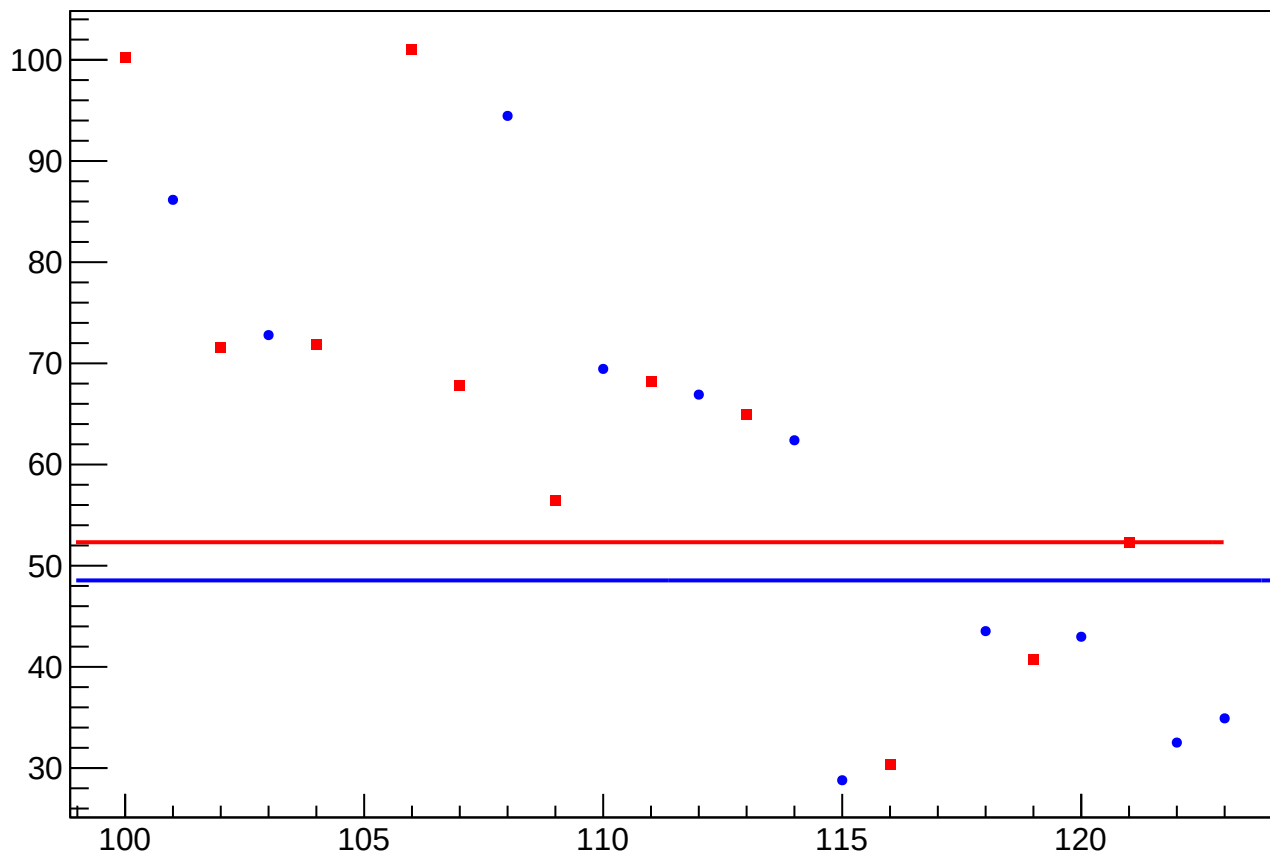
Right: 0.012+/-0.019 χ^2/NDF : 25.2/21

In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 25.2/21

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.546+/-0.019 χ^2/NDF : 1047683.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.321+/-0.019 χ^2/NDF : 760966.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

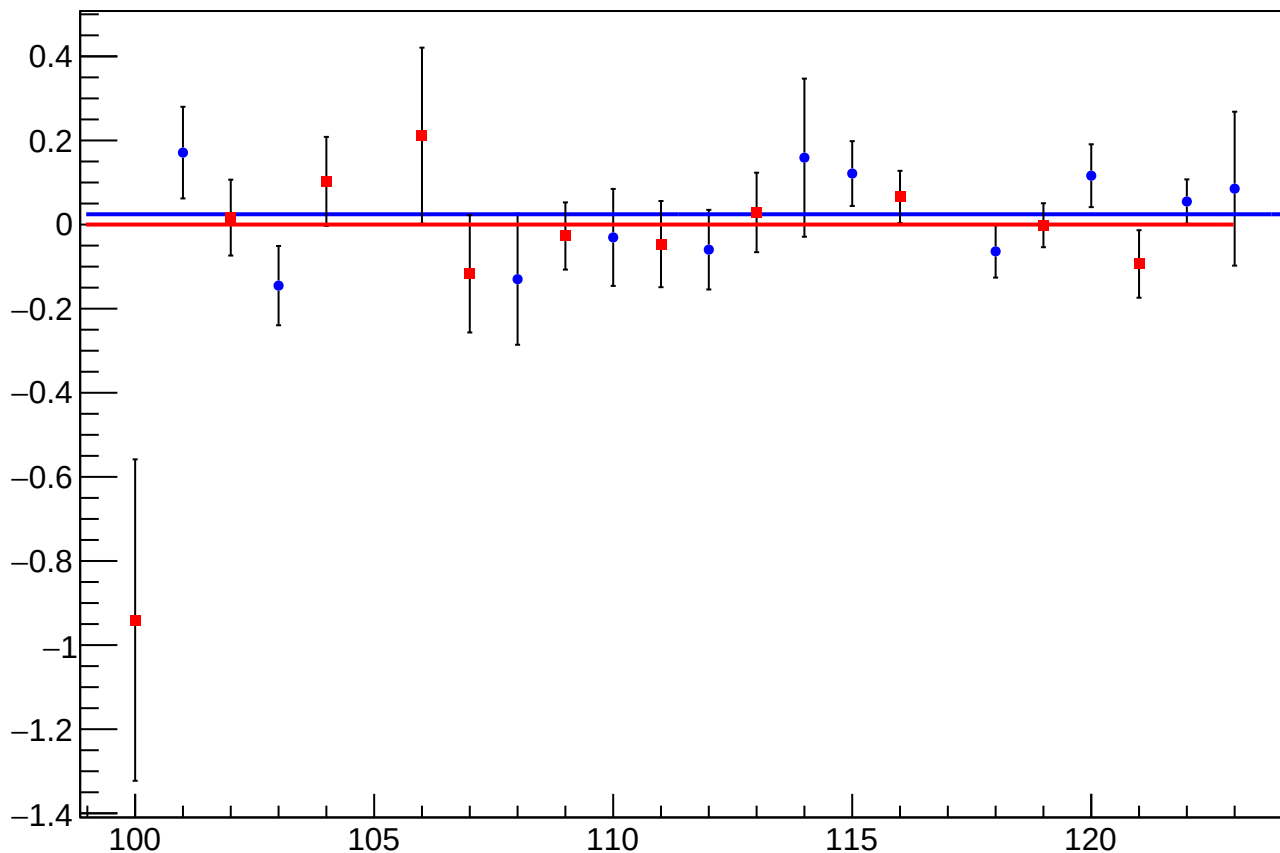
Right: 50.427+/-0.013 χ^2/NDF : 1829208.3/21

In: 48.546+/-0.019 χ^2/NDF : 1047683.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.427+/-0.013 χ^2/NDF : 1829208.3/21

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.026 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

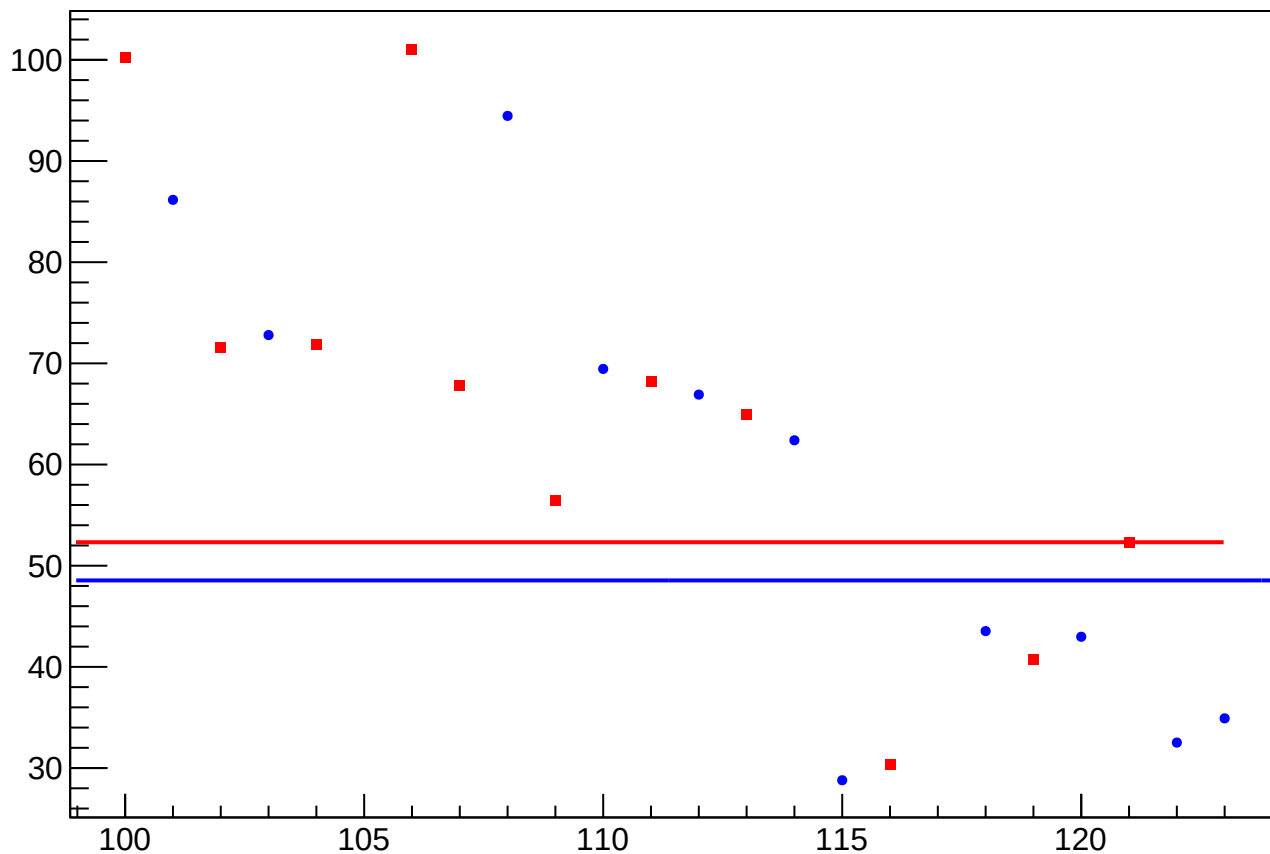
Right: 0.012+/-0.019 χ^2/NDF : 25.2/21

In: 0.024+/-0.026 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 25.2/21

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.546+/-0.019 χ^2/NDF : 1047683.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.321+/-0.019 χ^2/NDF : 760966.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

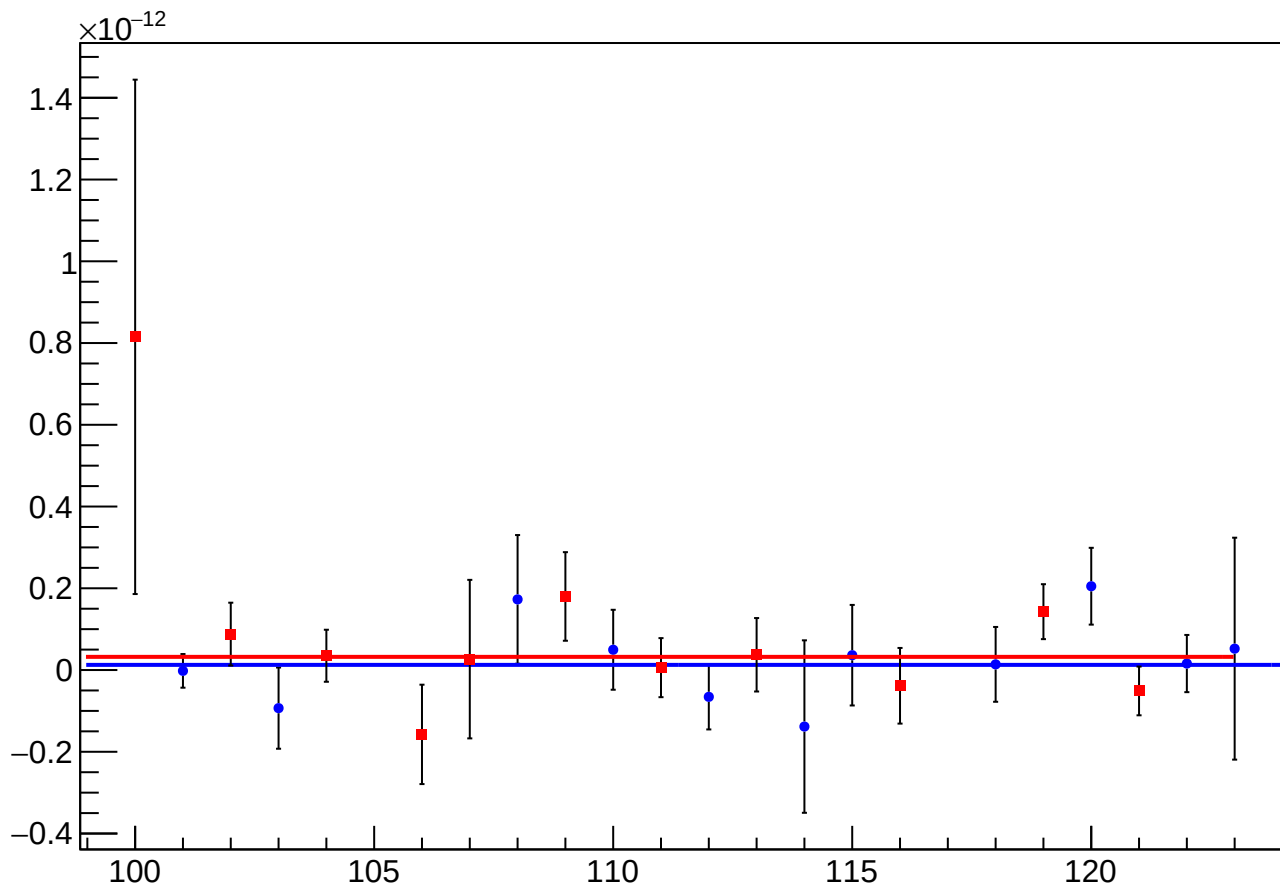
Right: 50.427+/-0.013 χ^2/NDF : 1829208.3/21

In: 48.546+/-0.019 χ^2/NDF : 1047683.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.427+/-0.013 χ^2/NDF : 1829208.3/21

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/10

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

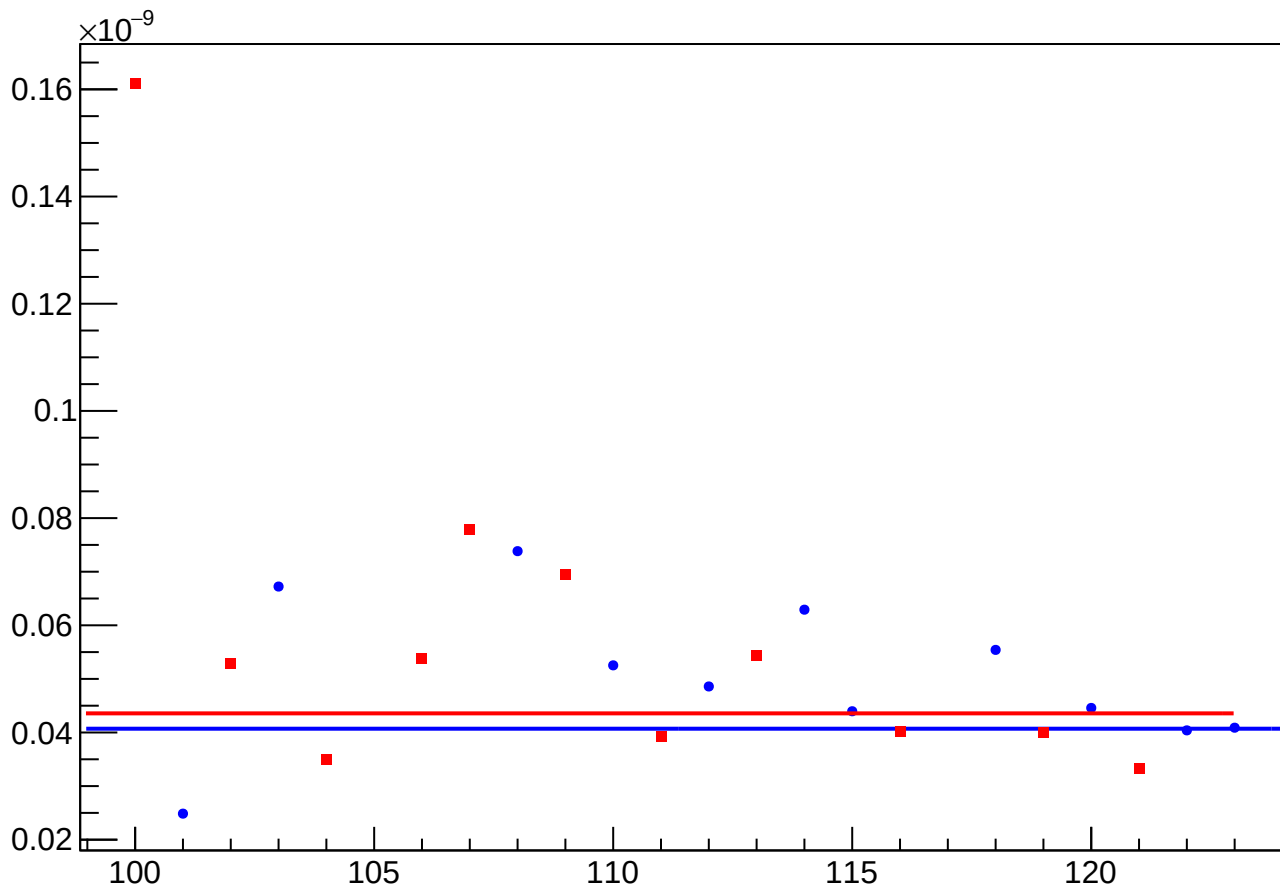
Right: 0.000+/-0.000 χ^2/NDF : 20.2/21

In: 0.000+/-0.000 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.2/21

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 654794.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 430808.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

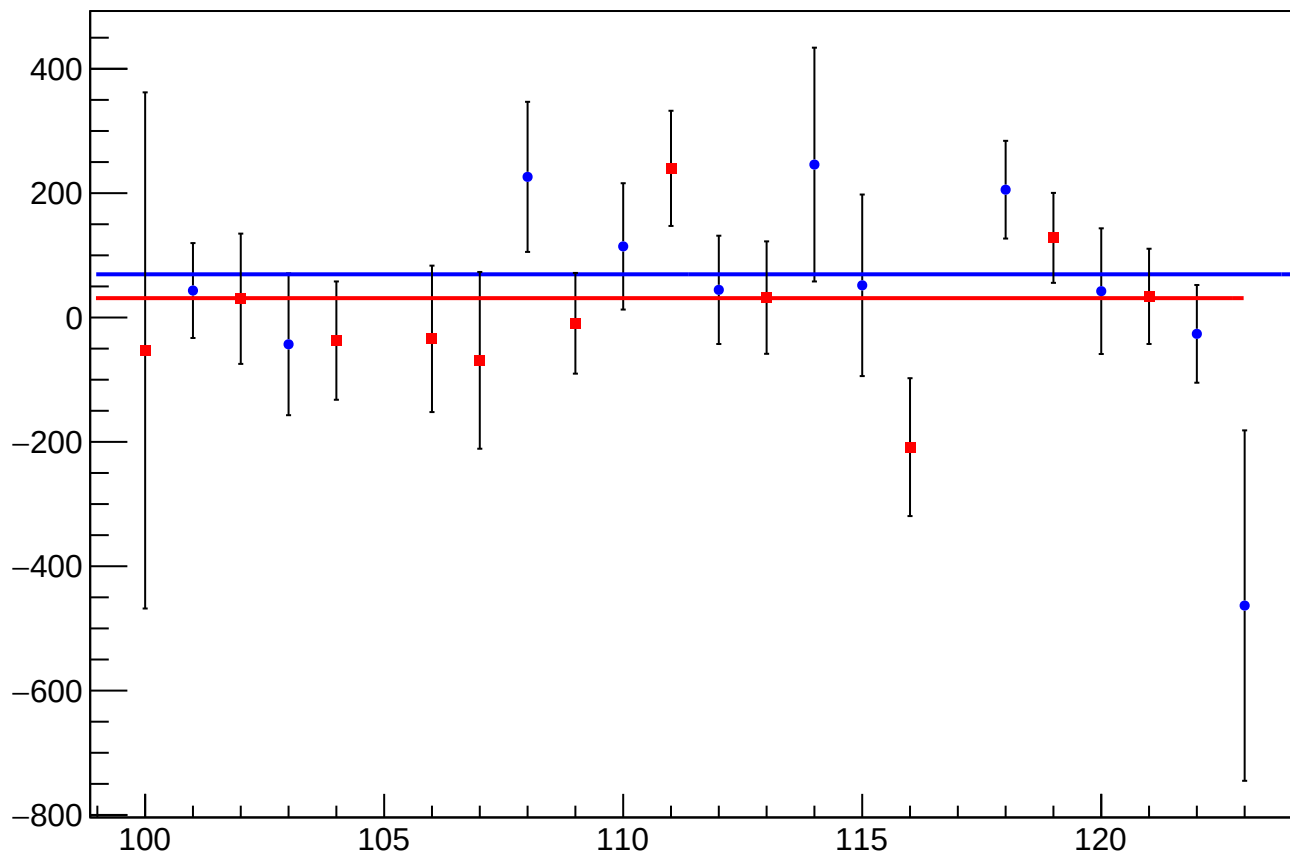
Right: 0.000+/-0.000 χ^2/NDF : 1098171.0/21

In: 0.000+/-0.000 χ^2/NDF : 654794.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1098171.0/21

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.507+/-30.780 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.168+/-29.318 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

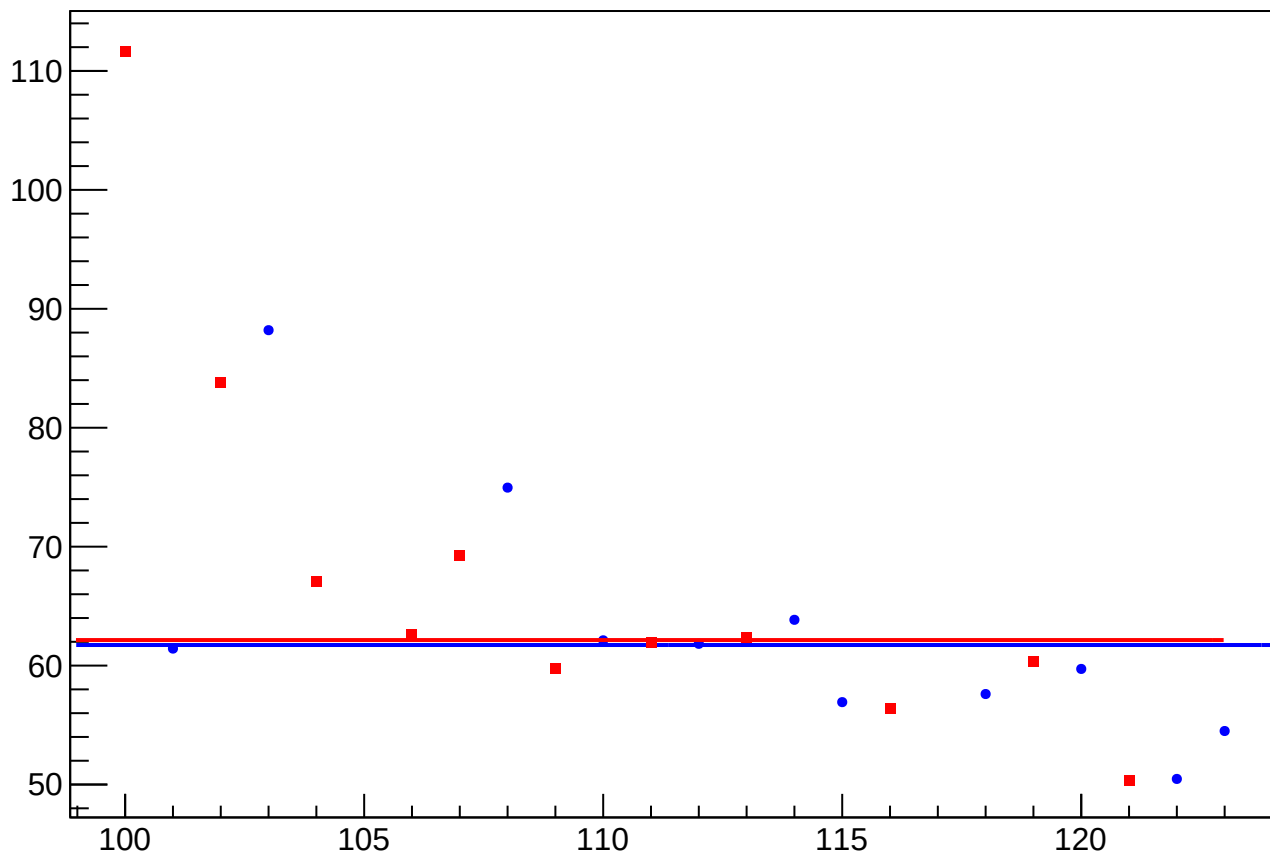
Right: 49.405+/-21.229 χ^2/NDF : 26.1/21

In: 69.507+/-30.780 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.405+/-21.229 χ^2/NDF : 26.1/21

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.731+/-0.022 χ^2/NDF : 182962.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.148+/-0.021 χ^2/NDF : 180254.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

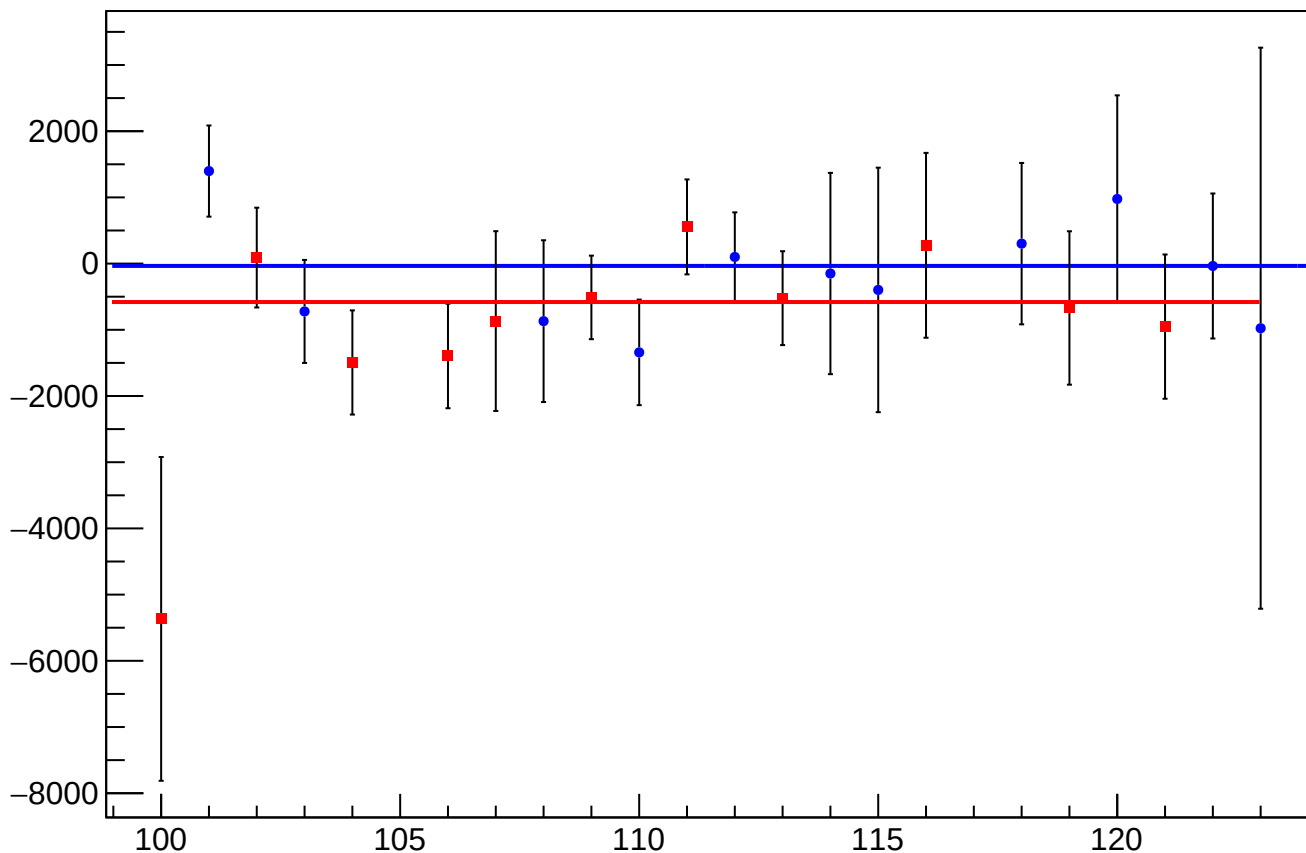
Right: 61.949+/-0.015 χ^2/NDF : 363408.9/21

In: 61.731+/-0.022 χ^2/NDF : 182962.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.949+/-0.015 χ^2/NDF : 363408.9/21

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -34.850 ± 302.802 χ^2/NDF : 8.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -580.360 ± 265.017 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

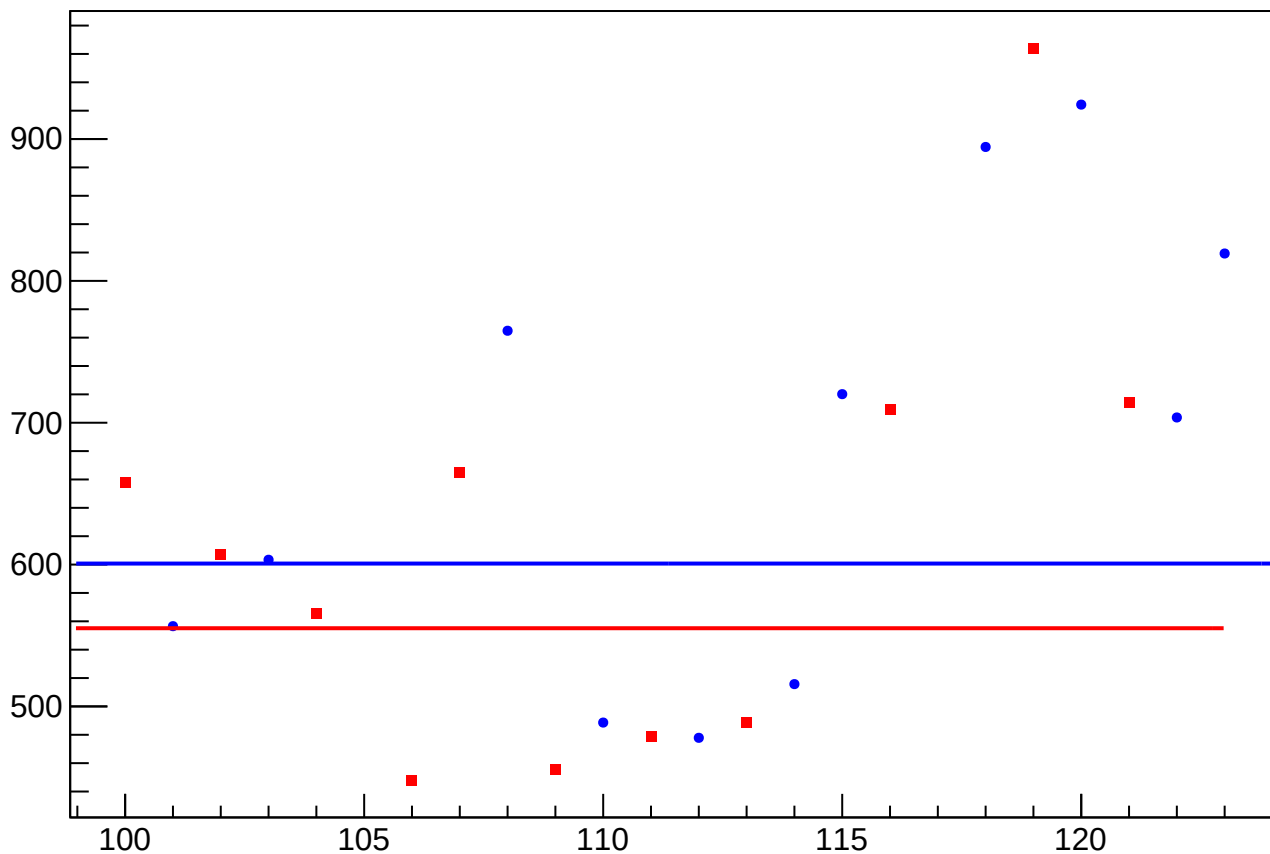
Right: -343.746 ± 199.424 χ^2/NDF : 20.8/21

In: -34.850 ± 302.802 χ^2/NDF : 8.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -343.746 ± 199.424 χ^2/NDF : 20.8/21

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 600.716+/-0.214 χ^2/NDF : 389623.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.125+/-0.187 χ^2/NDF : 468795.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

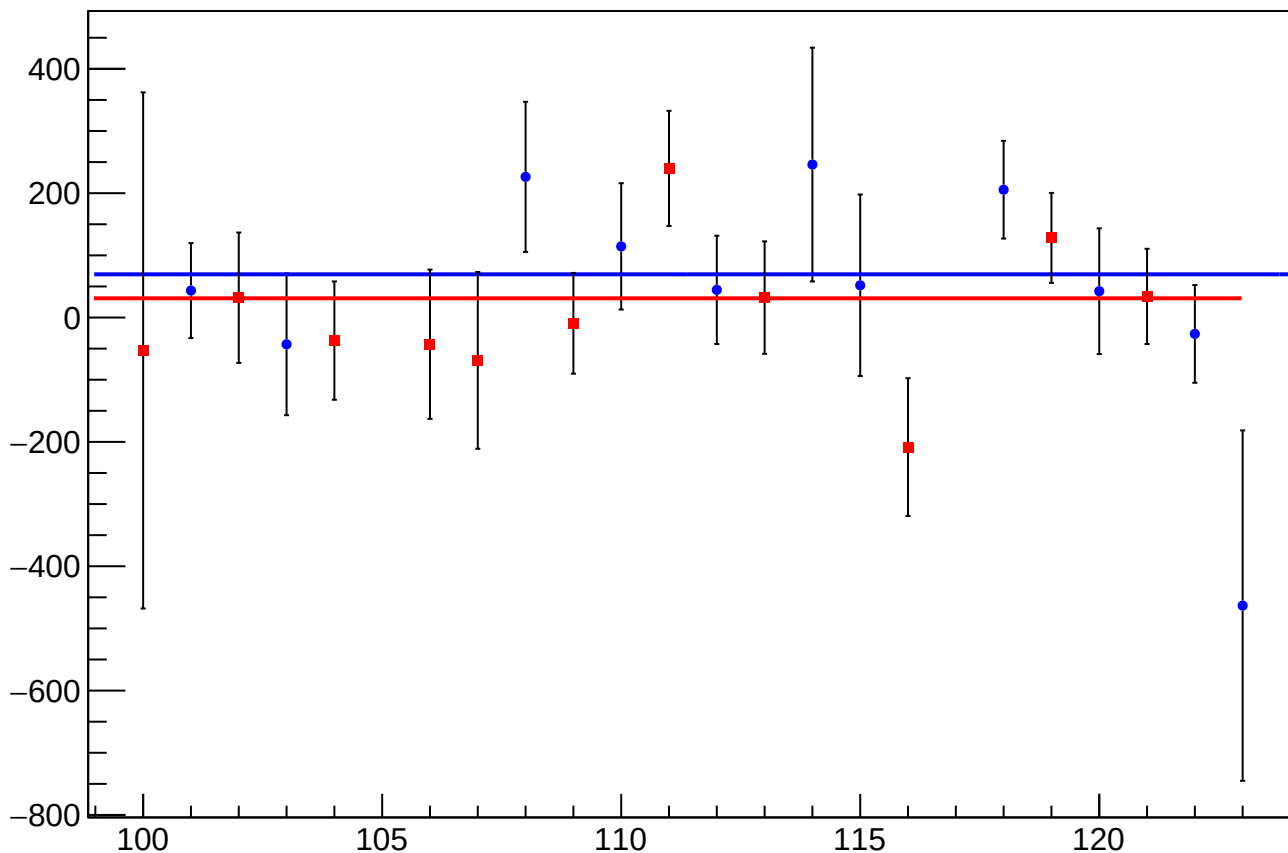
Right: 574.900+/-0.141 χ^2/NDF : 884091.9/21

In: 600.716+/-0.214 χ^2/NDF : 389623.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.900+/-0.141 χ^2/NDF : 884091.9/21

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.519+/-30.780 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.950+/-29.354 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

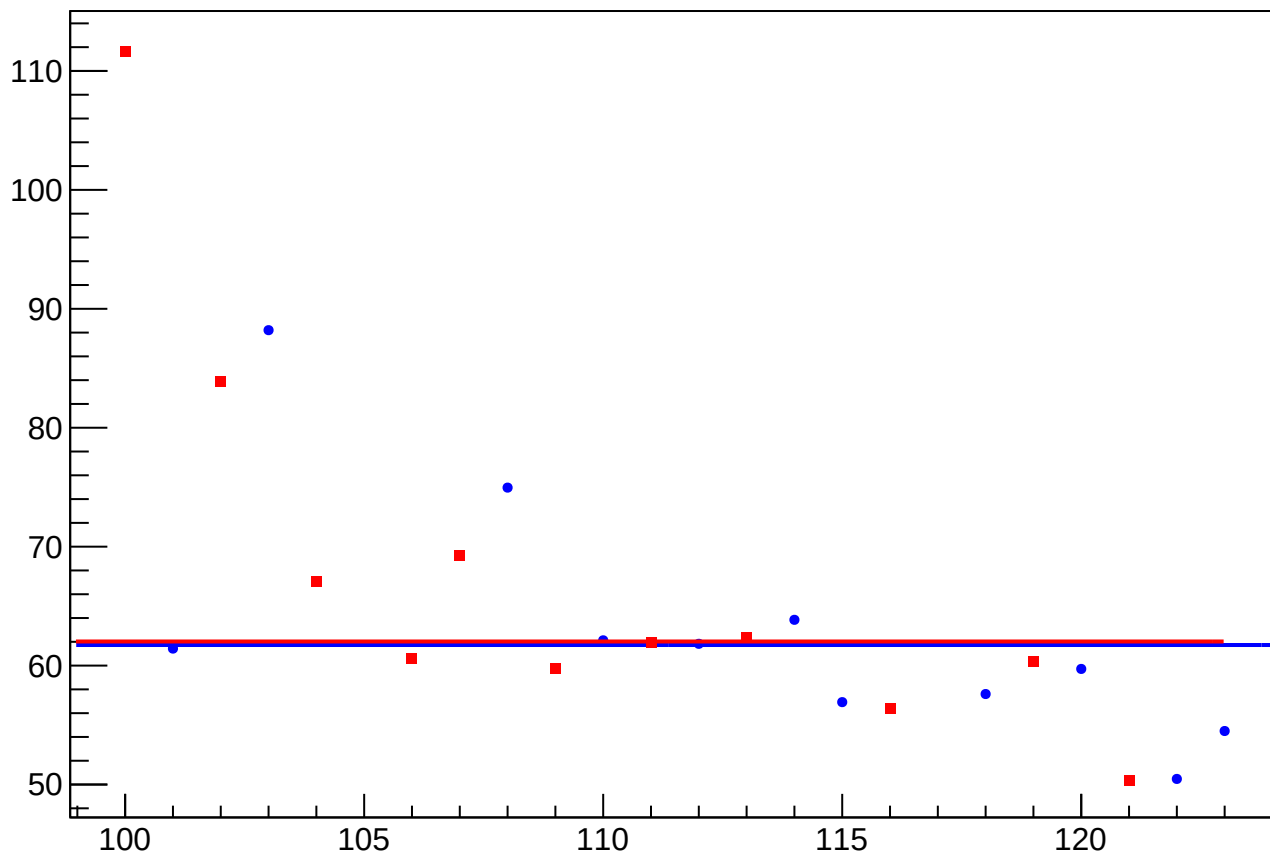
Right: 49.320+/-21.243 χ^2/NDF : 26.1/21

In: 69.519+/-30.780 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.320+/-21.243 χ^2/NDF : 26.1/21

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.731+/-0.022 χ^2/NDF : 182965.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.028+/-0.021 χ^2/NDF : 180739.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

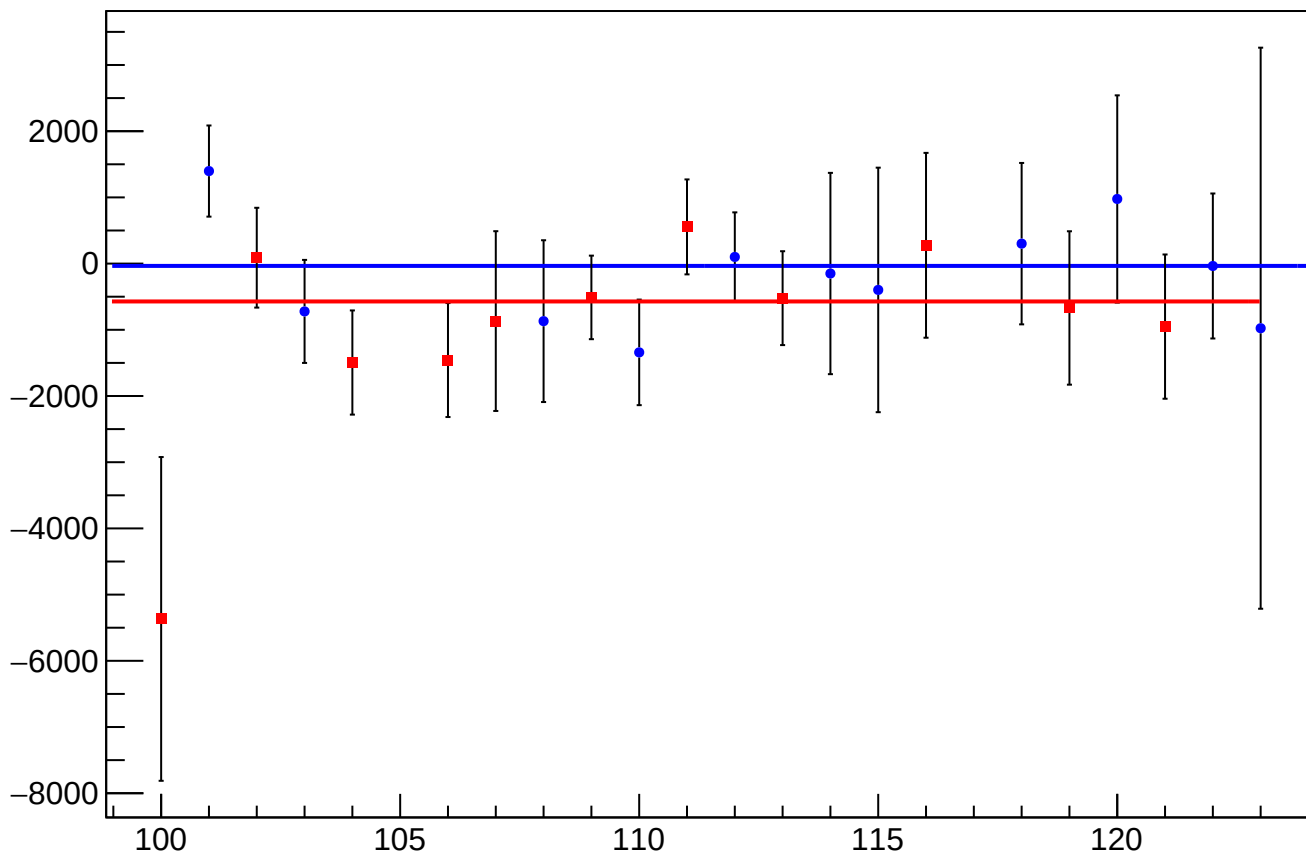
Right: 61.886+/-0.015 χ^2/NDF : 363802.3/21

In: 61.731+/-0.022 χ^2/NDF : 182965.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.886+/-0.015 χ^2/NDF : 363802.3/21

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -34.792+/-302.805 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -571.832+/-267.438 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

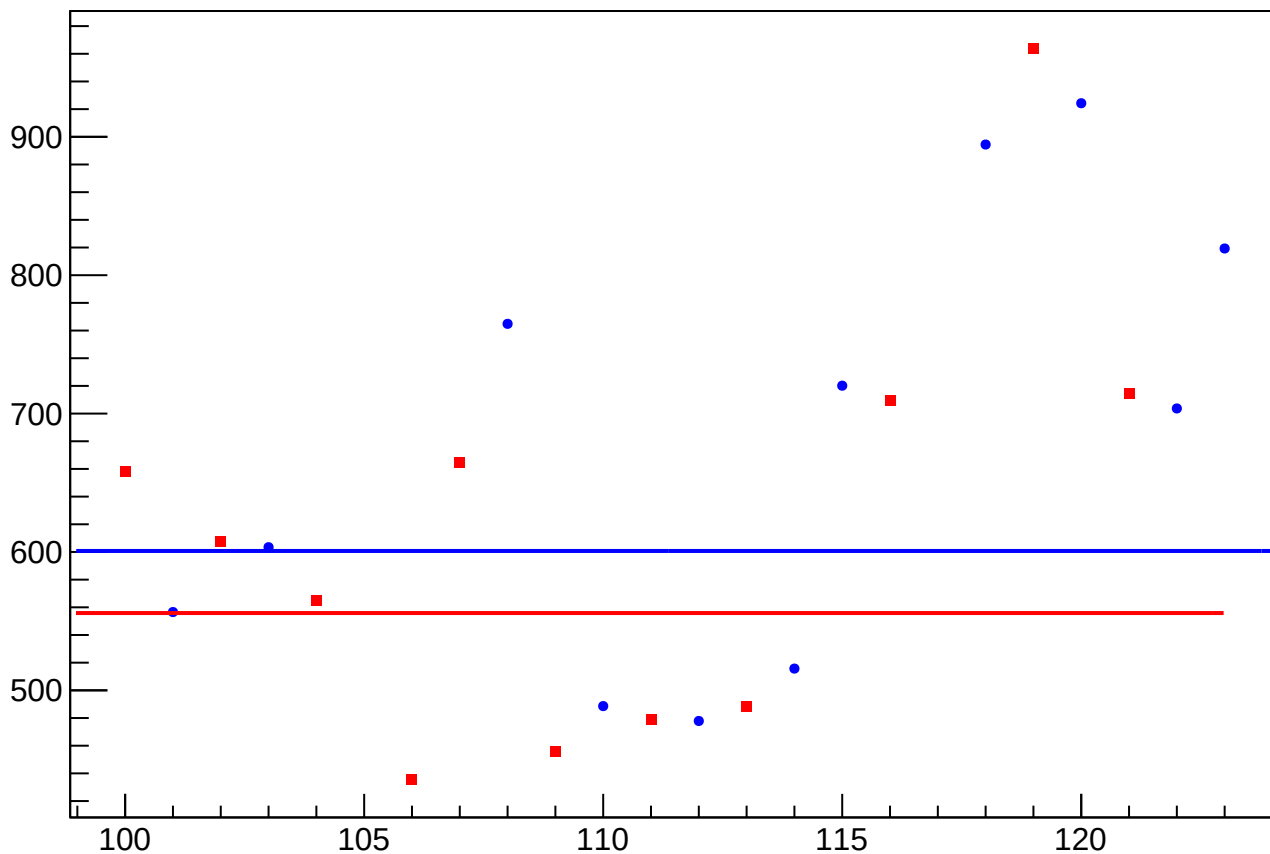
Right: -336.492+/-200.451 χ^2/NDF : 20.7/21

In: -34.792+/-302.805 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.492+/-200.451 χ^2/NDF : 20.7/21

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 600.723+/-0.214 χ^2/NDF : 389624.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.864+/-0.189 χ^2/NDF : 470916.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

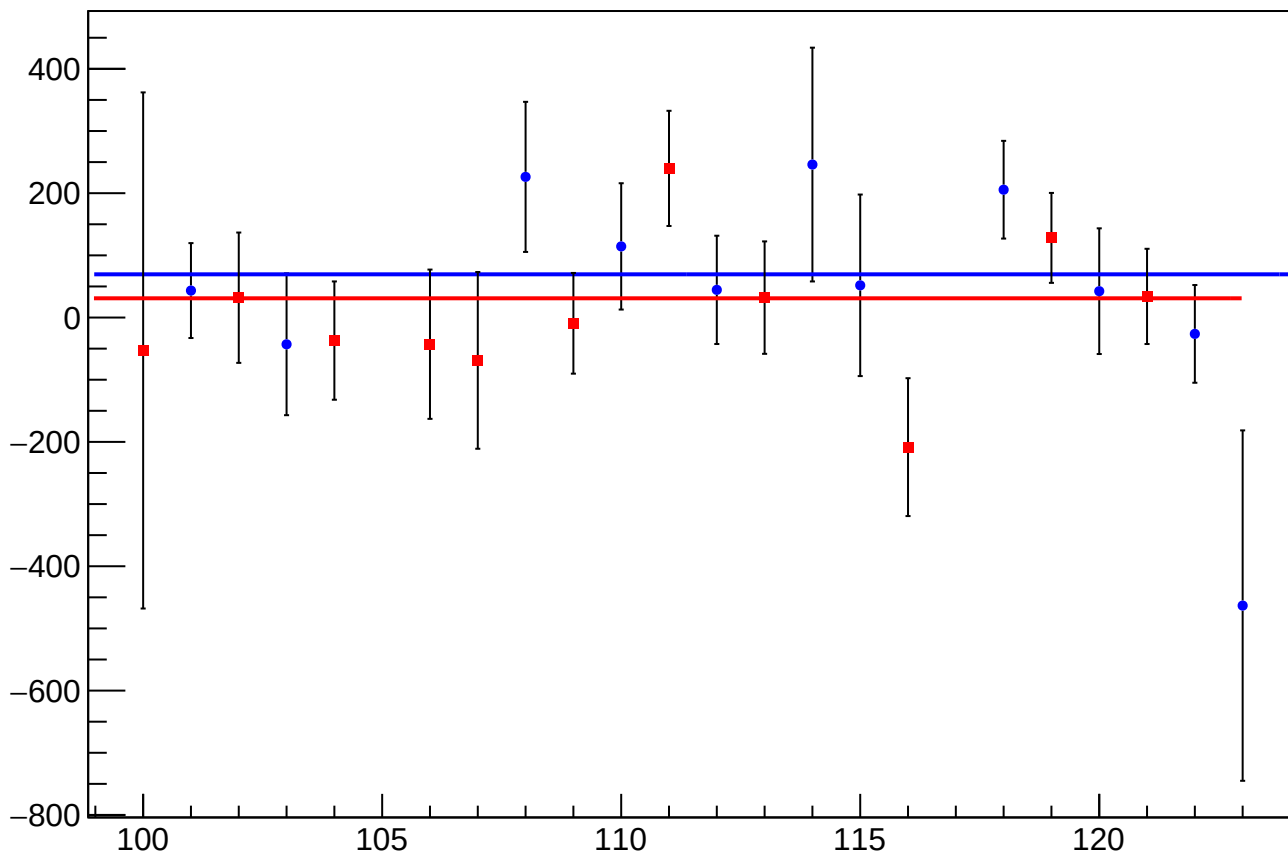
Right: 575.522+/-0.142 χ^2/NDF : 885200.7/21

In: 600.723+/-0.214 χ^2/NDF : 389624.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.522+/-0.142 χ^2/NDF : 885200.7/21

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.519+/-30.780 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.950+/-29.354 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

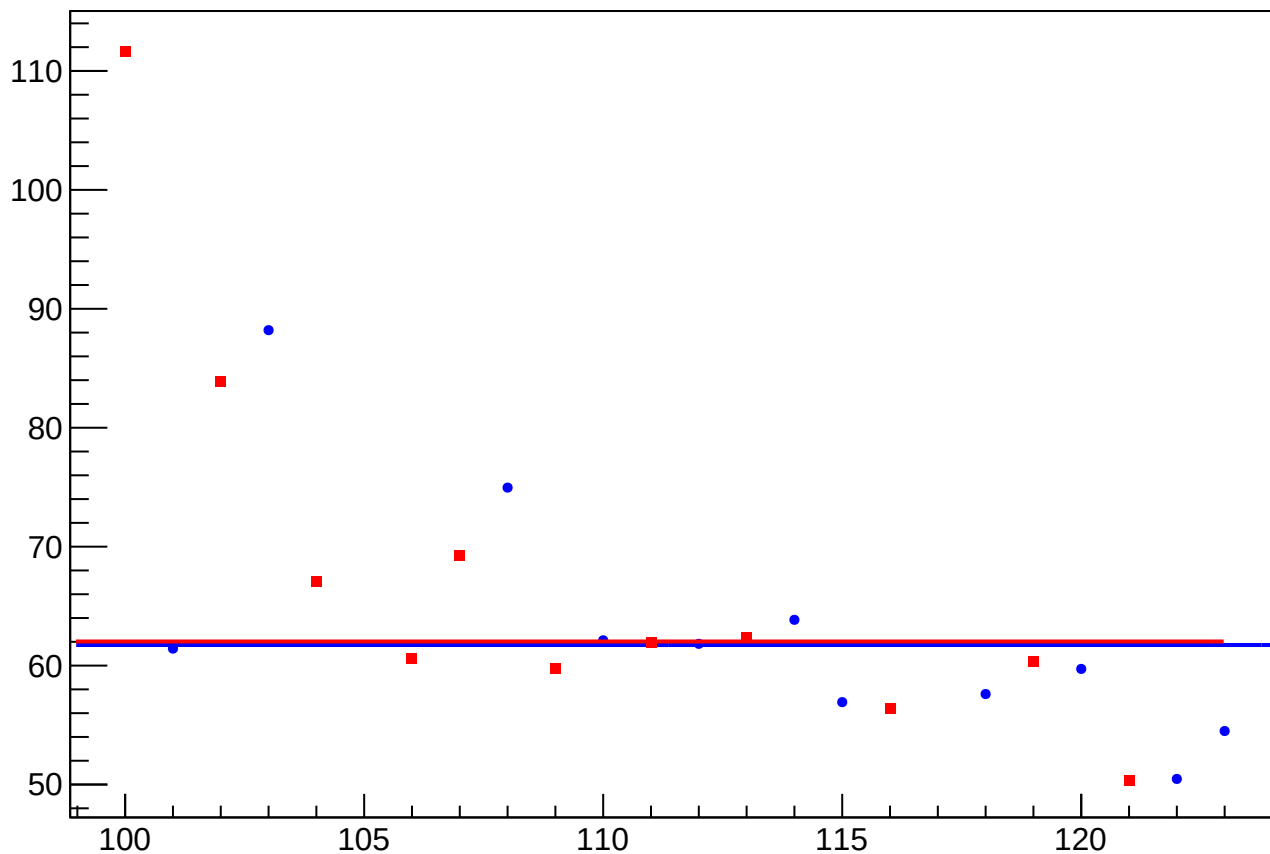
Right: 49.320+/-21.243 χ^2/NDF : 26.1/21

In: 69.519+/-30.780 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.320+/-21.243 χ^2/NDF : 26.1/21

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.731+/-0.022 χ^2/NDF : 182965.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.028+/-0.021 χ^2/NDF : 180739.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

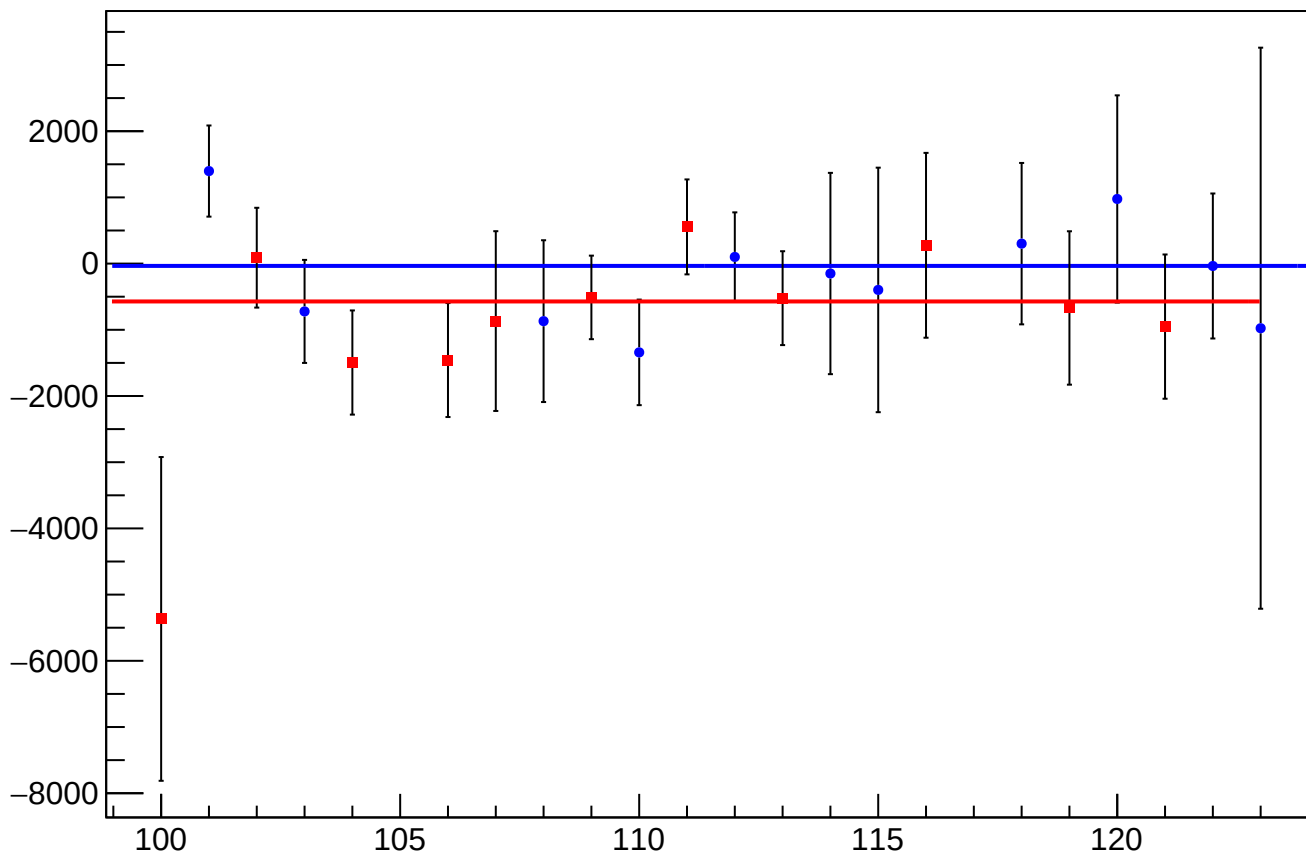
Right: 61.886+/-0.015 χ^2/NDF : 363802.3/21

In: 61.731+/-0.022 χ^2/NDF : 182965.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.886+/-0.015 χ^2/NDF : 363802.3/21

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -34.792 ± 302.805 χ^2/NDF : 8.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -571.832 ± 267.438 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

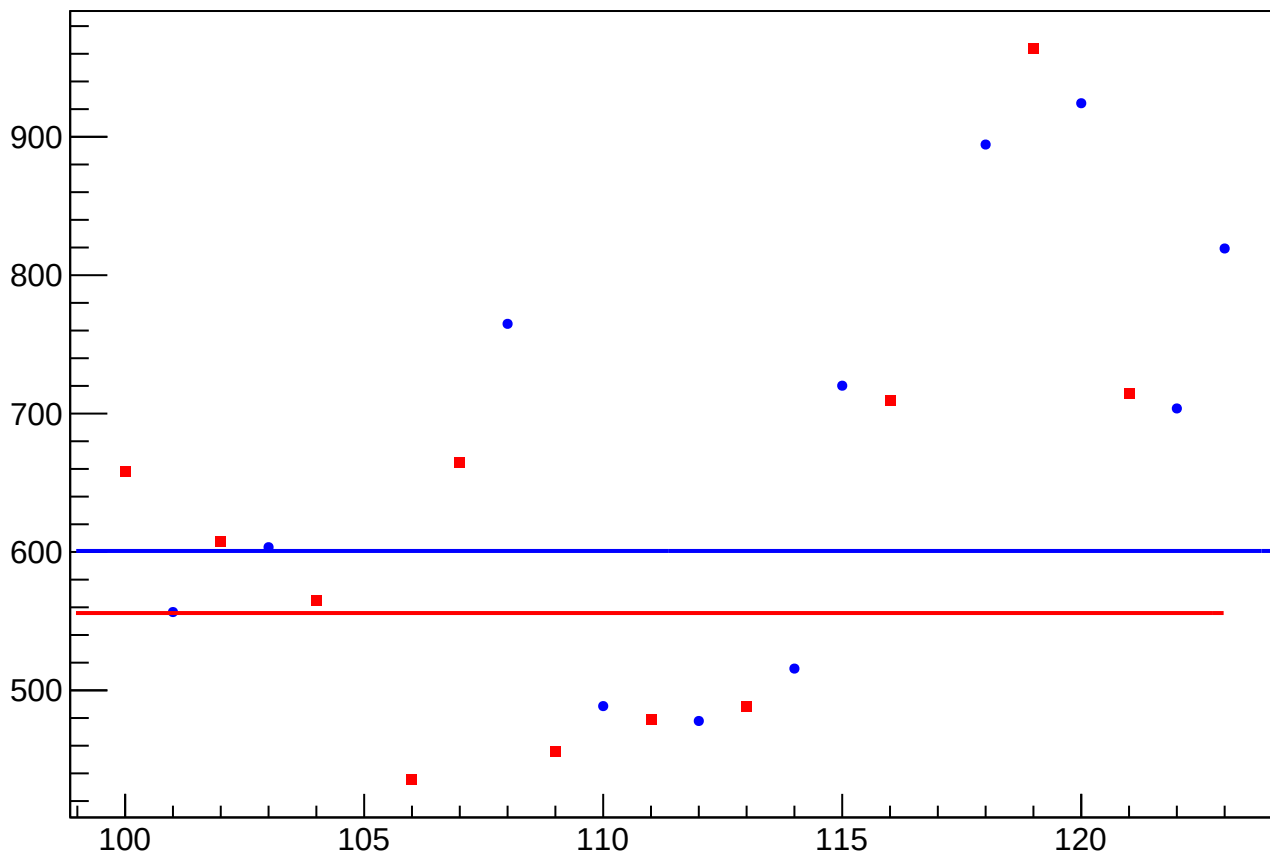
Right: -336.492 ± 200.451 χ^2/NDF : 20.7/21

In: -34.792 ± 302.805 χ^2/NDF : 8.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -336.492 ± 200.451 χ^2/NDF : 20.7/21

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 600.723+/-0.214 χ^2/NDF : 389624.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.864+/-0.189 χ^2/NDF : 470916.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

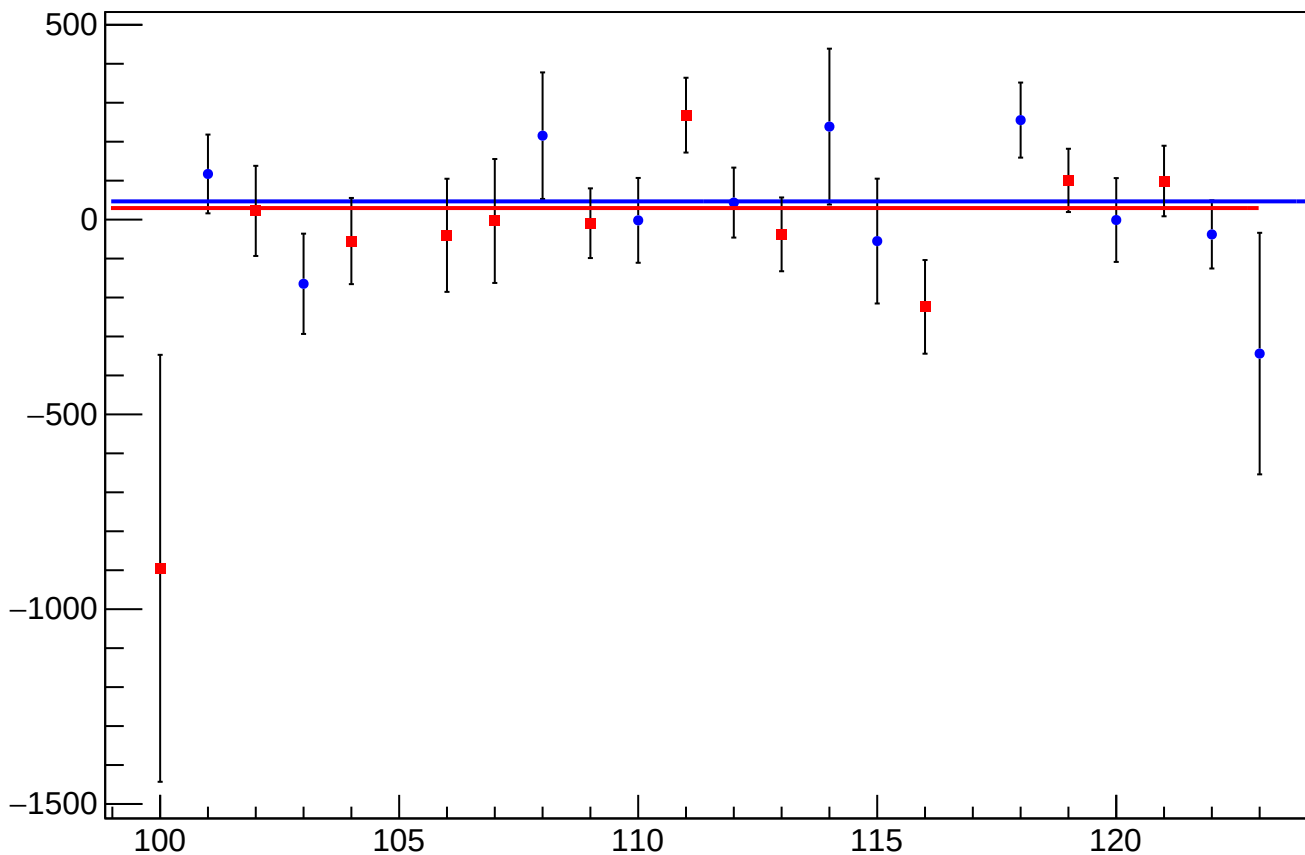
Right: 575.522+/-0.142 χ^2/NDF : 885200.7/21

In: 600.723+/-0.214 χ^2/NDF : 389624.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.522+/-0.142 χ^2/NDF : 885200.7/21

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 46.810 $\pm$ 35.272 χ^2 /NDF: 13.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.624 $\pm$ 32.713 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

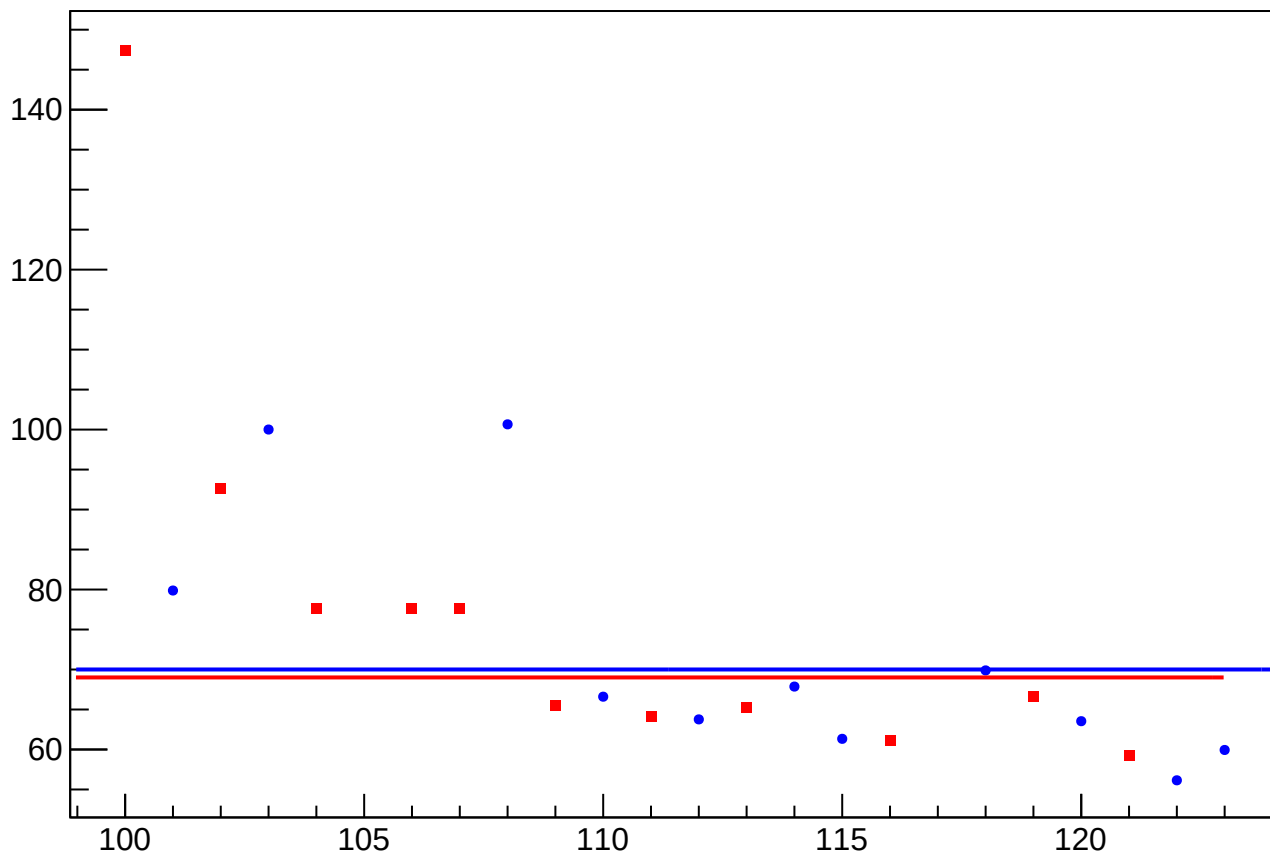
Right: 37.571 $\pm$ 23.986 χ^2 /NDF: 29.7/21

In: 46.810 $\pm$ 35.272 χ^2 /NDF:13.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.571 $\pm$ 23.986 χ^2 /NDF: 29.7/21

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.004 $\pm$ 0.025 χ^2 /NDF: 276247.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.009 $\pm$ 0.023 χ^2 /NDF: 194848.0/10

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

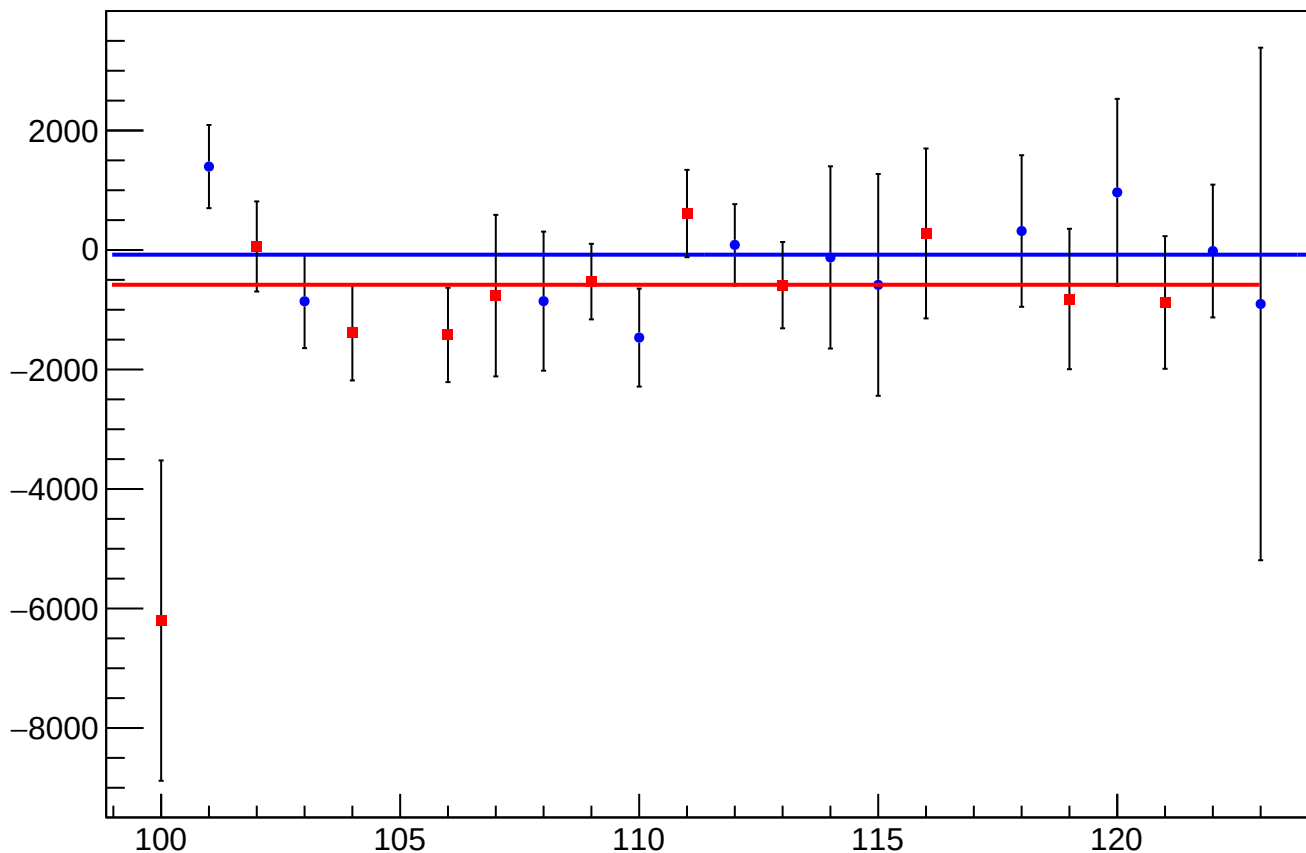
Right: 69.469 $\pm$ 0.017 χ^2 /NDF: 471951.6/21

In: 70.004 $\pm$ 0.025 χ^2 /NDF:276247.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.469 $\pm$ 0.017 χ^2 /NDF: 471951.6/21

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -78.398 ± 305.989 χ^2/NDF : 9.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -581.664 ± 267.840 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

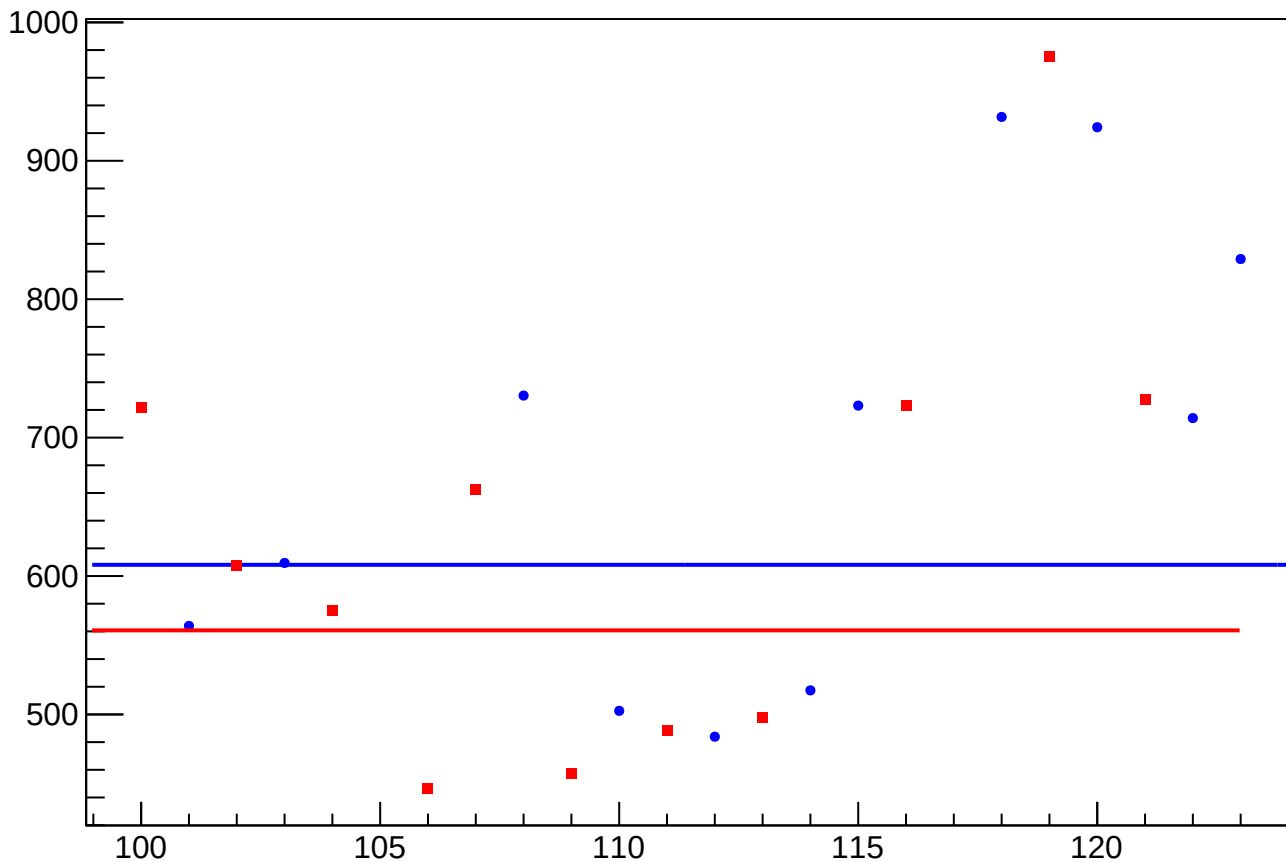
Right: -363.341 ± 201.538 χ^2/NDF : 21.5/21

In: -78.398 ± 305.989 χ^2/NDF : 9.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -363.341 ± 201.538 χ^2/NDF : 21.5/21

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.105+/-0.216 χ^2/NDF : 379502.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.749+/-0.189 χ^2/NDF : 477089.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

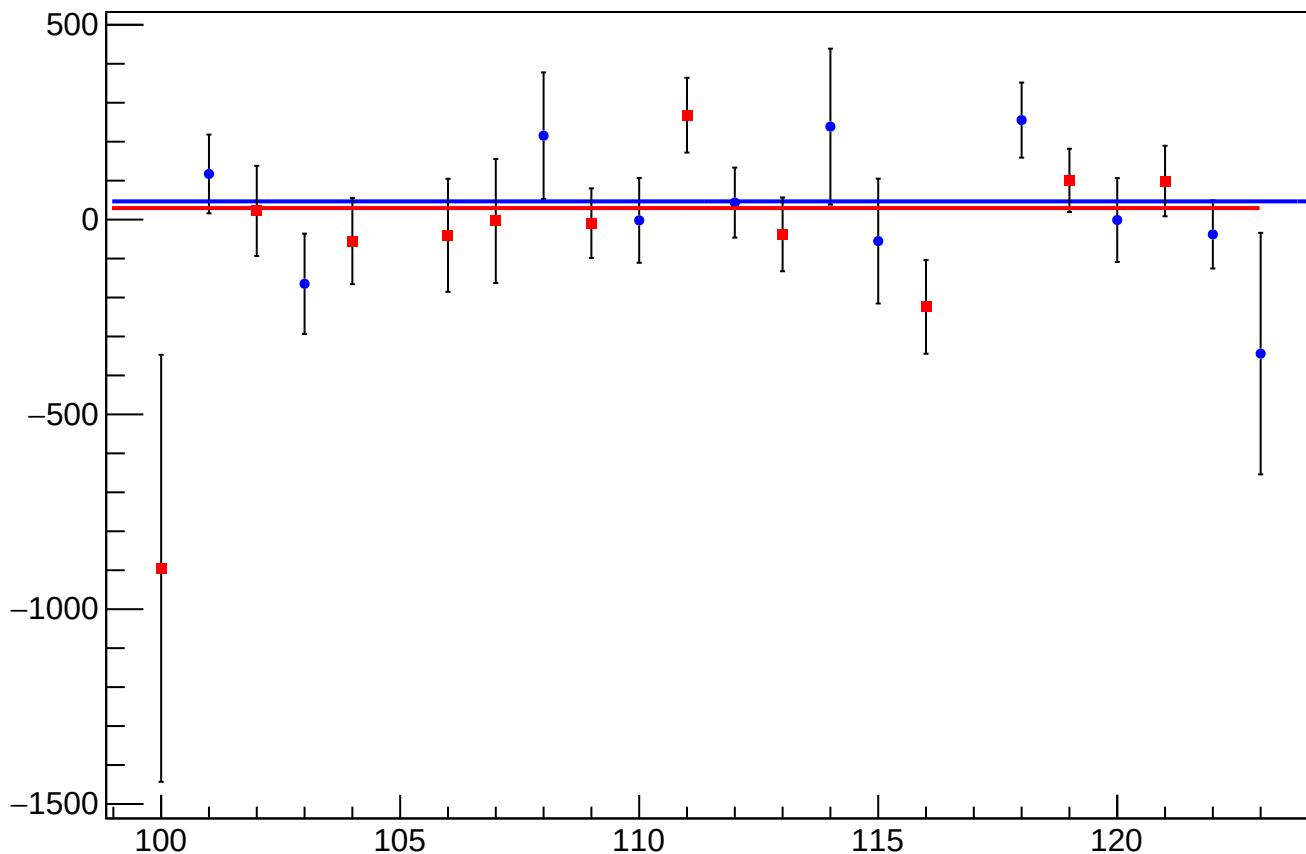
Right: 581.292+/-0.143 χ^2/NDF : 883715.2/21

In: 608.105+/-0.216 χ^2/NDF : 379502.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.292+/-0.143 χ^2/NDF : 883715.2/21

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 46.810+/-35.272 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.624+/-32.713 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

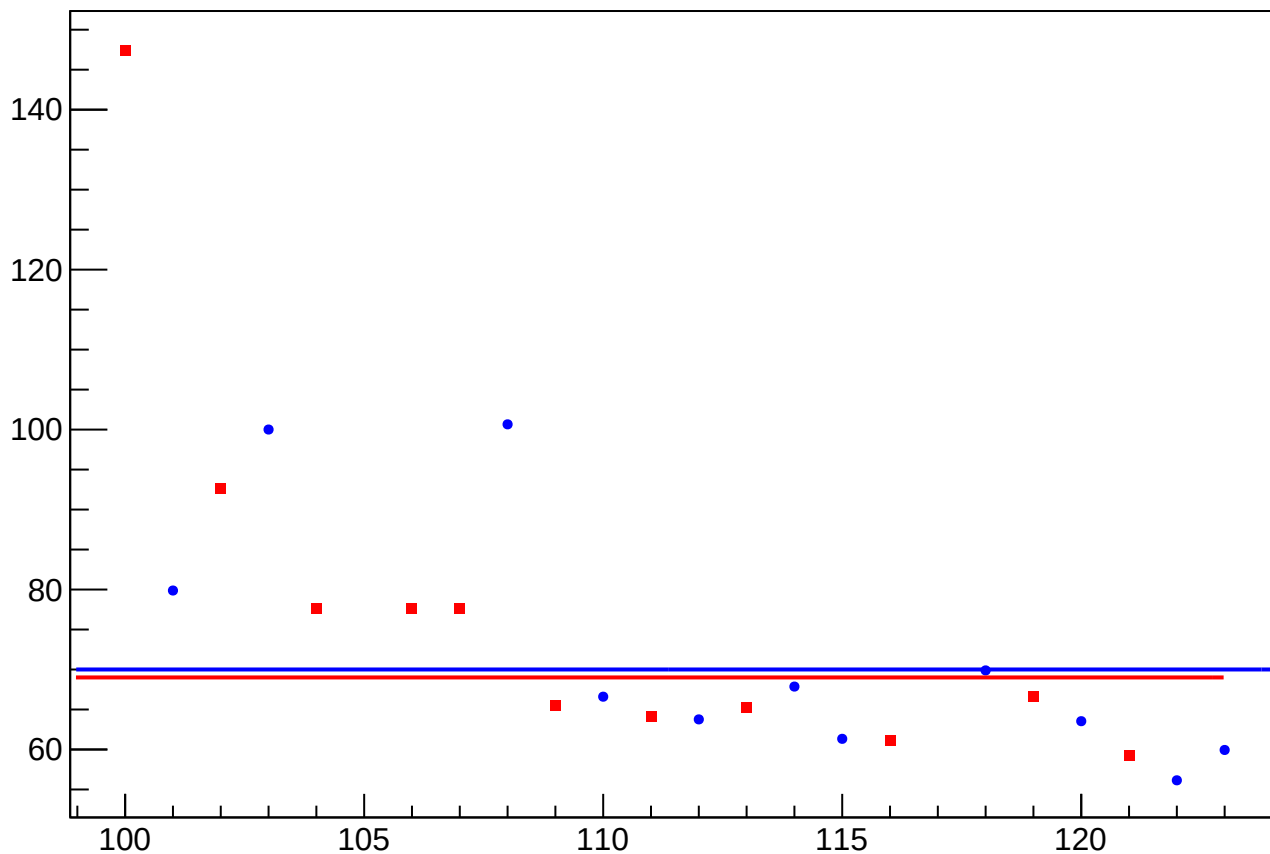
Right: 37.571+/-23.986 χ^2/NDF : 29.7/21

In: 46.810+/-35.272 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.571+/-23.986 χ^2/NDF : 29.7/21

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.004+/-0.025 χ^2/NDF : 276252.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.009+/-0.023 χ^2/NDF : 194851.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

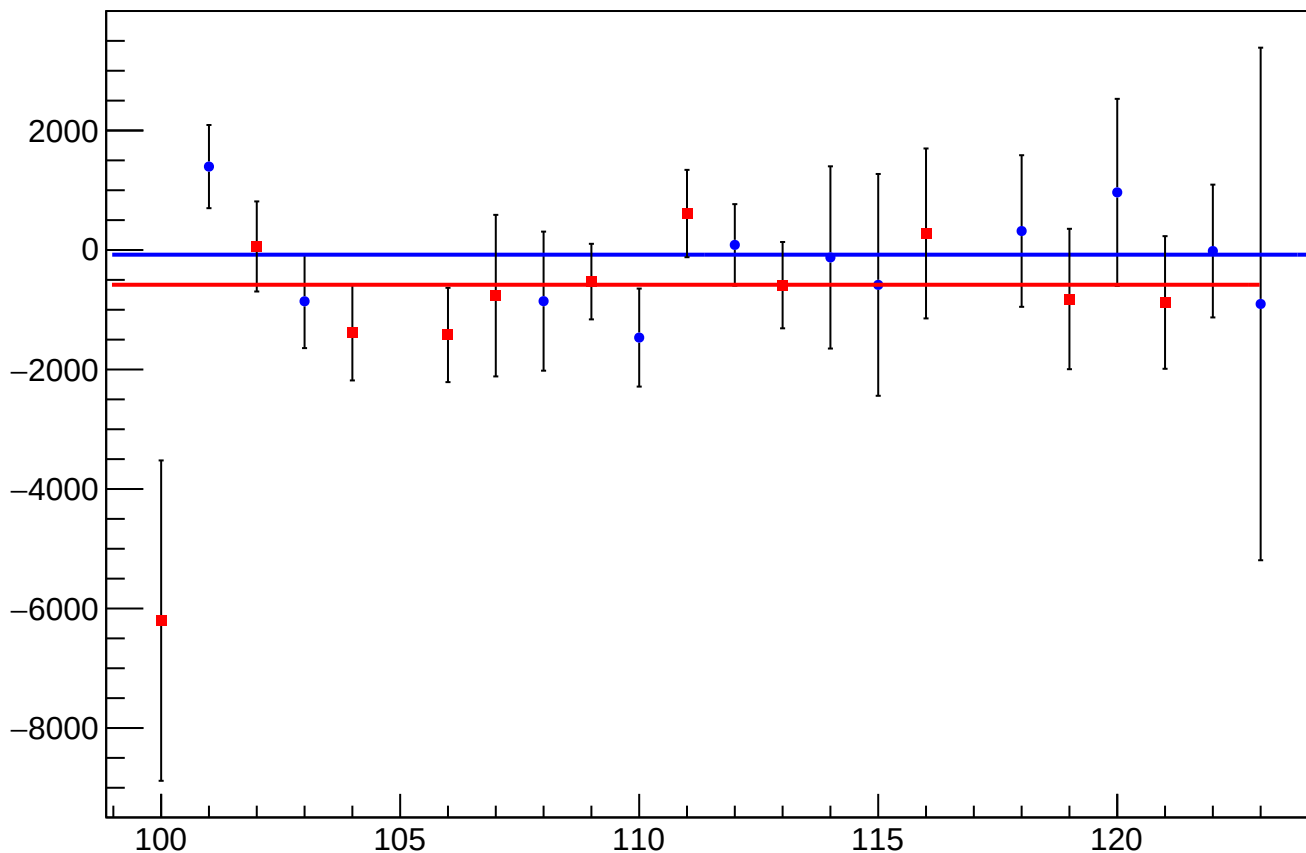
Right: 69.469+/-0.017 χ^2/NDF : 471959.1/21

In: 70.004+/-0.025 χ^2/NDF : 276252.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.469+/-0.017 χ^2/NDF : 471959.1/21

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -78.398+/-305.989 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -581.663+/-267.840 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

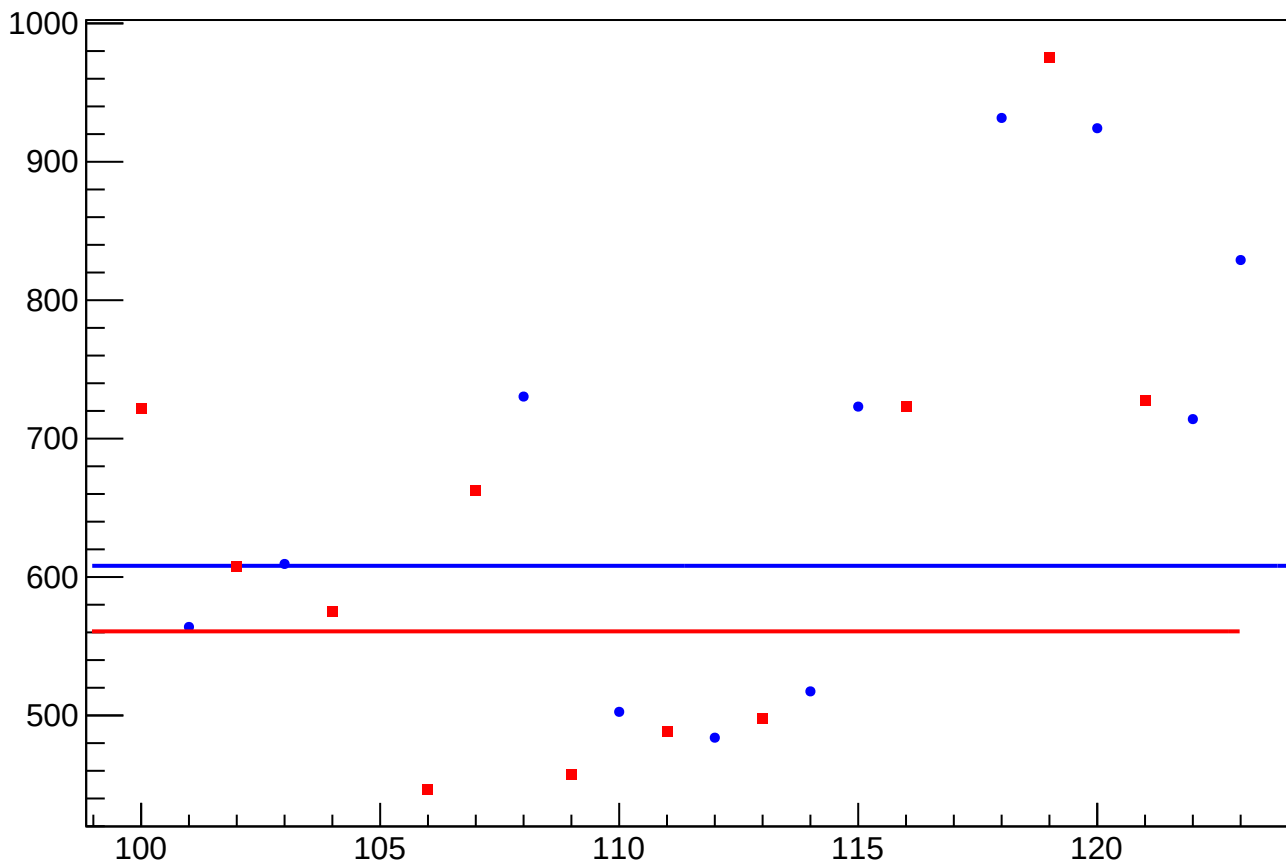
Right: -363.341+/-201.538 χ^2/NDF : 21.5/21

In: -78.398+/-305.989 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.341+/-201.538 χ^2/NDF : 21.5/21

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.104+/-0.216 χ^2/NDF : 379504.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.748+/-0.189 χ^2/NDF : 477091.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

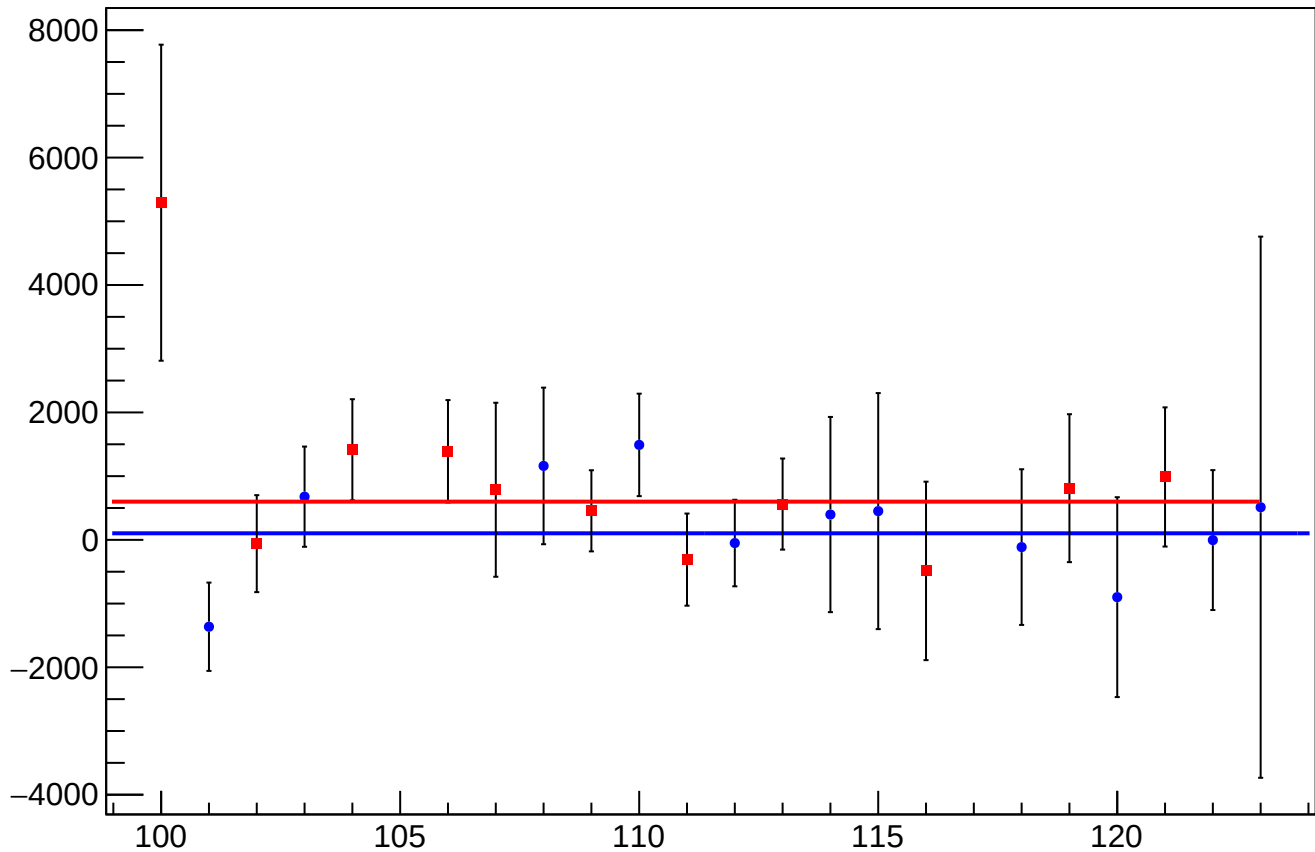
Right: 581.292+/-0.143 χ^2/NDF : 883718.6/21

In: 608.104+/-0.216 χ^2/NDF : 379504.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.292+/-0.143 χ^2/NDF : 883718.6/21

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 102.952+/-304.927 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.736+/-267.359 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

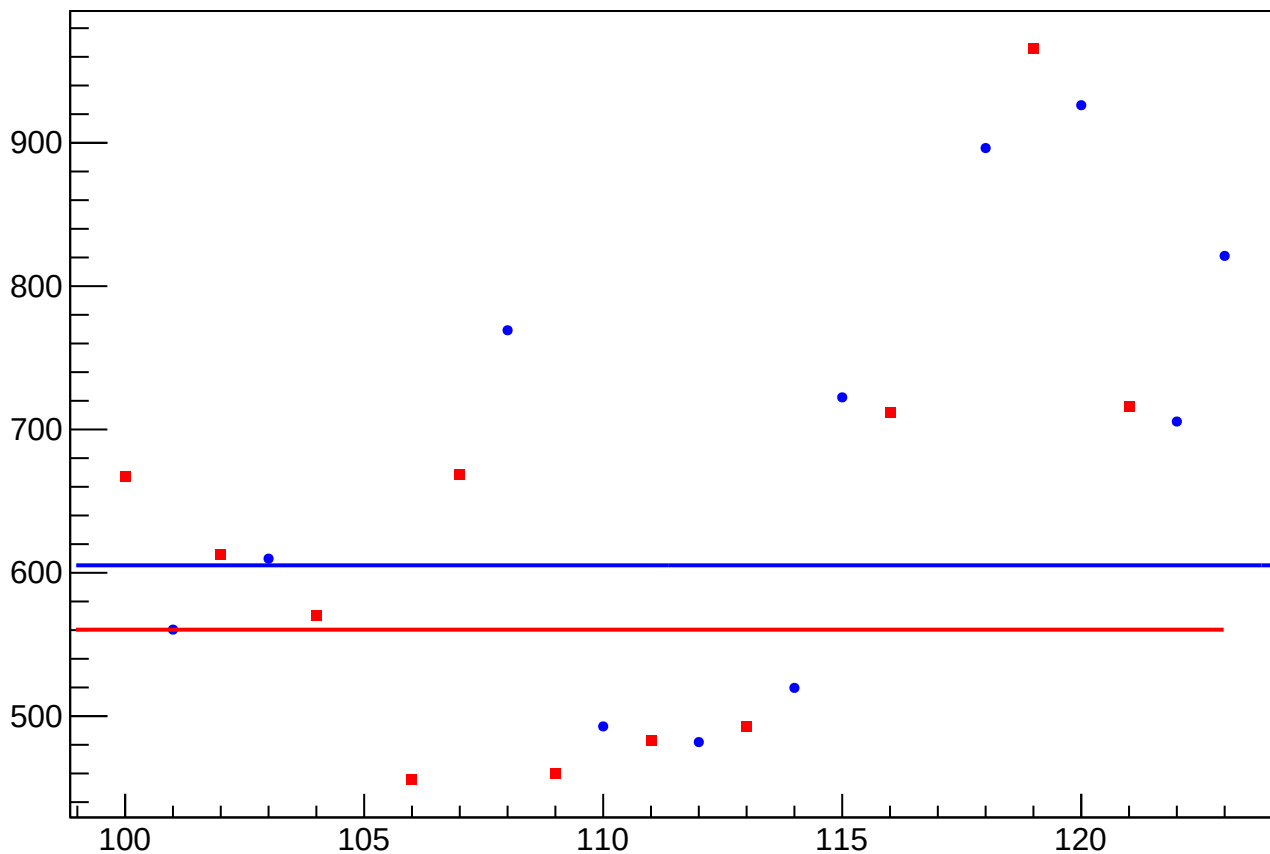
Right: 383.815+/-201.029 χ^2/NDF : 19.6/21

In: 102.952+/-304.927 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.815+/-201.029 χ^2/NDF : 19.6/21

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 605.220+/-0.216 χ^2/NDF : 382564.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.319+/-0.189 χ^2/NDF : 458559.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

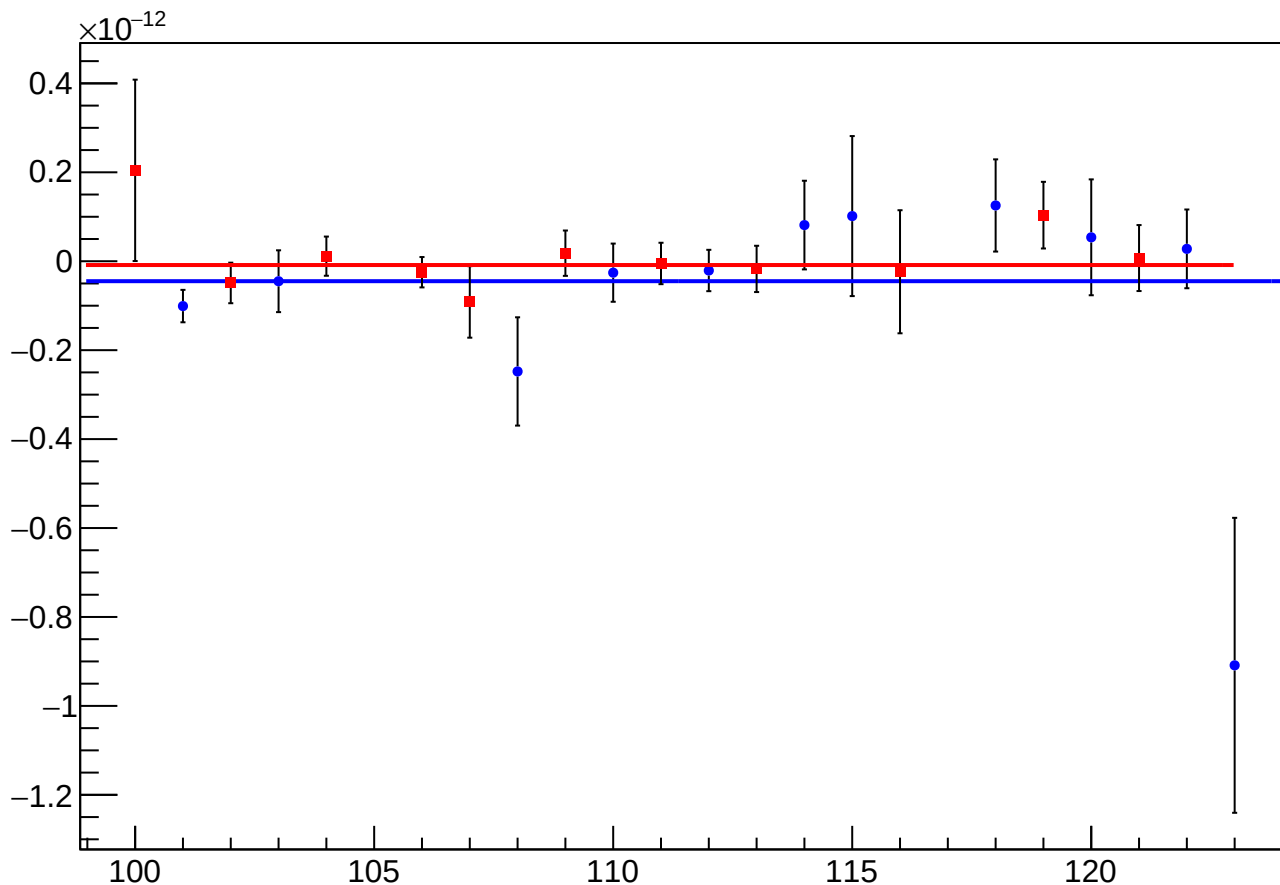
Right: 579.835+/-0.142 χ^2/NDF : 865642.3/21

In: 605.220+/-0.216 χ^2/NDF : 382564.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.835+/-0.142 χ^2/NDF : 865642.3/21

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 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

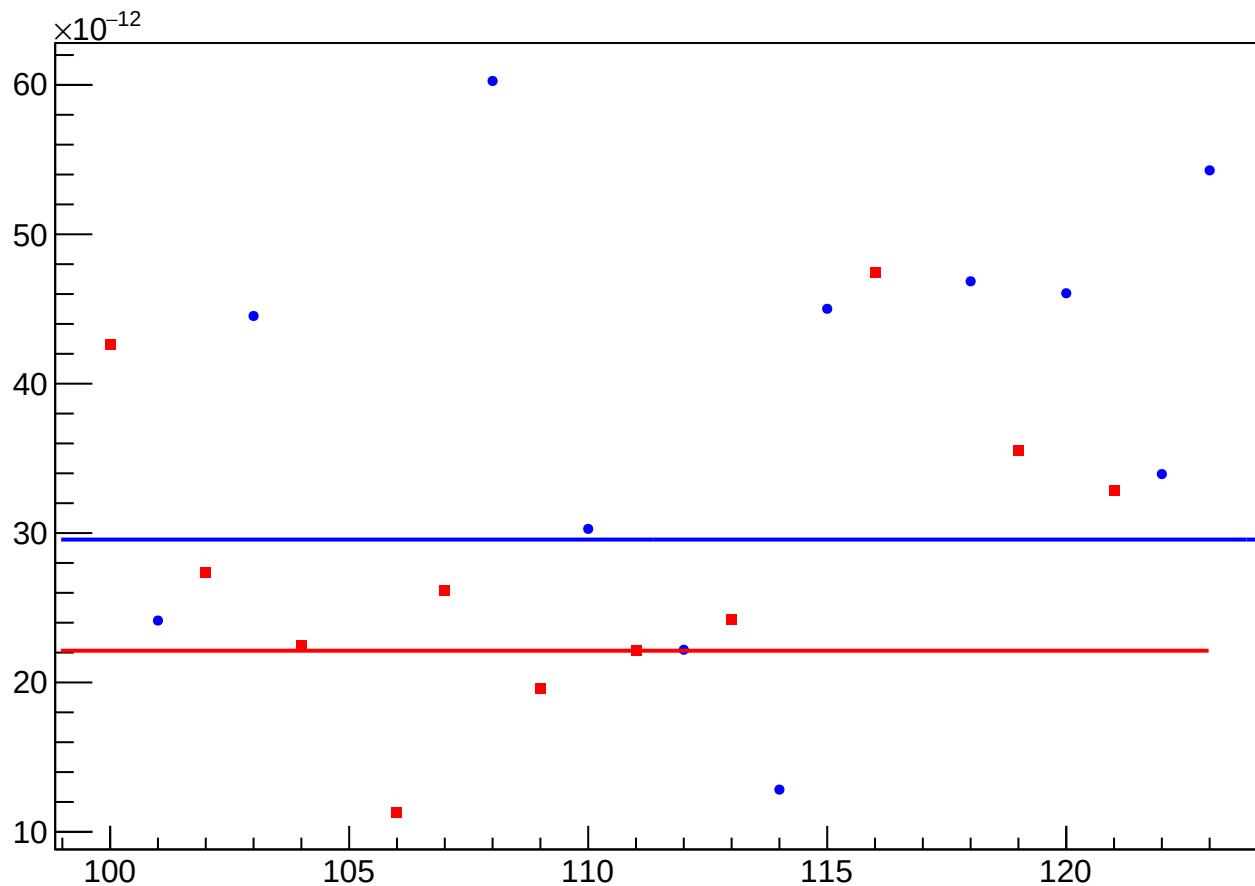
Right: -0.000+/-0.000 χ^2 /NDF: 26.2/21

In: -0.000+/-0.000 χ^2 /NDF:18.5/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.2/21

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 489357.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 433876.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

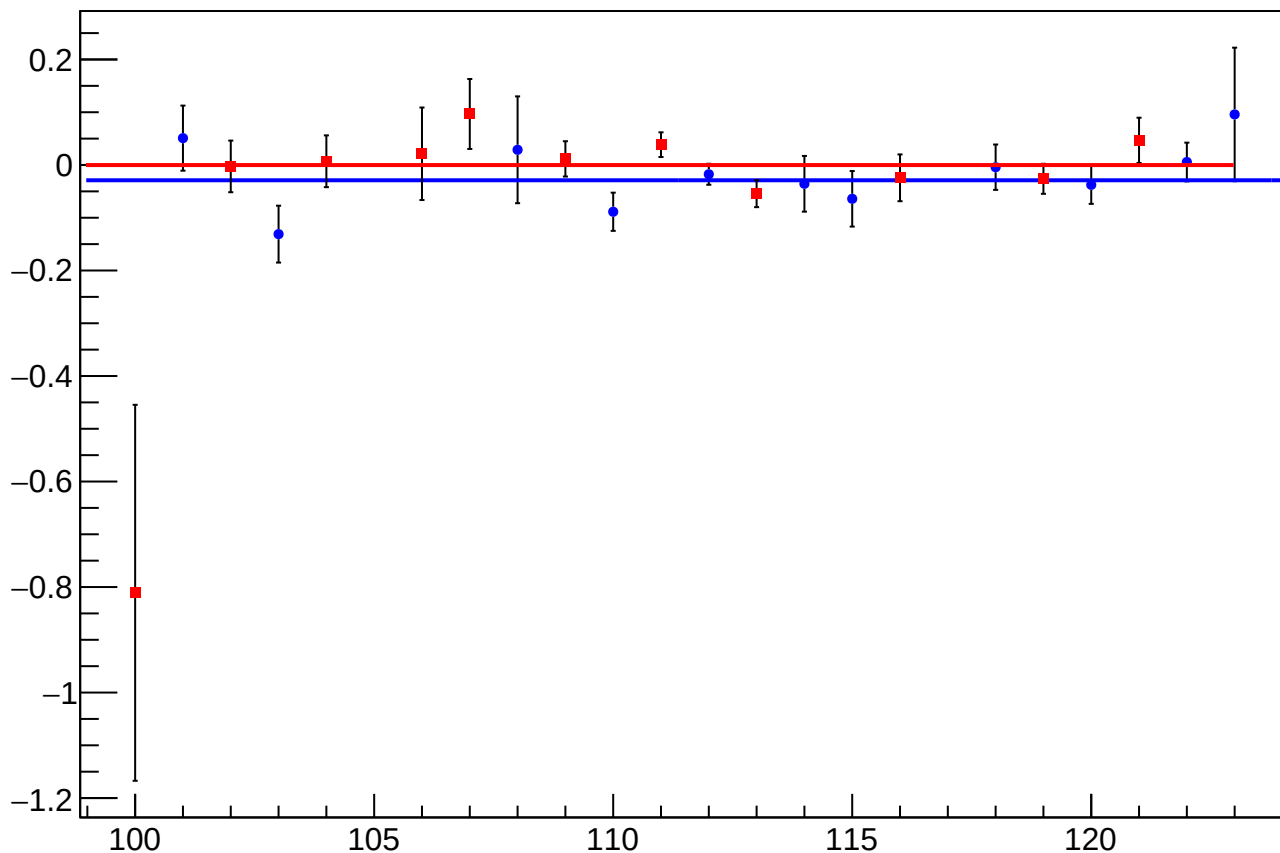
Right: 0.000+/-0.000 χ^2/NDF : 1072822.2/21

In: 0.000+/-0.000 χ^2/NDF : 489357.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1072822.2/21

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.012 χ^2 /NDF: 11.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.011 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

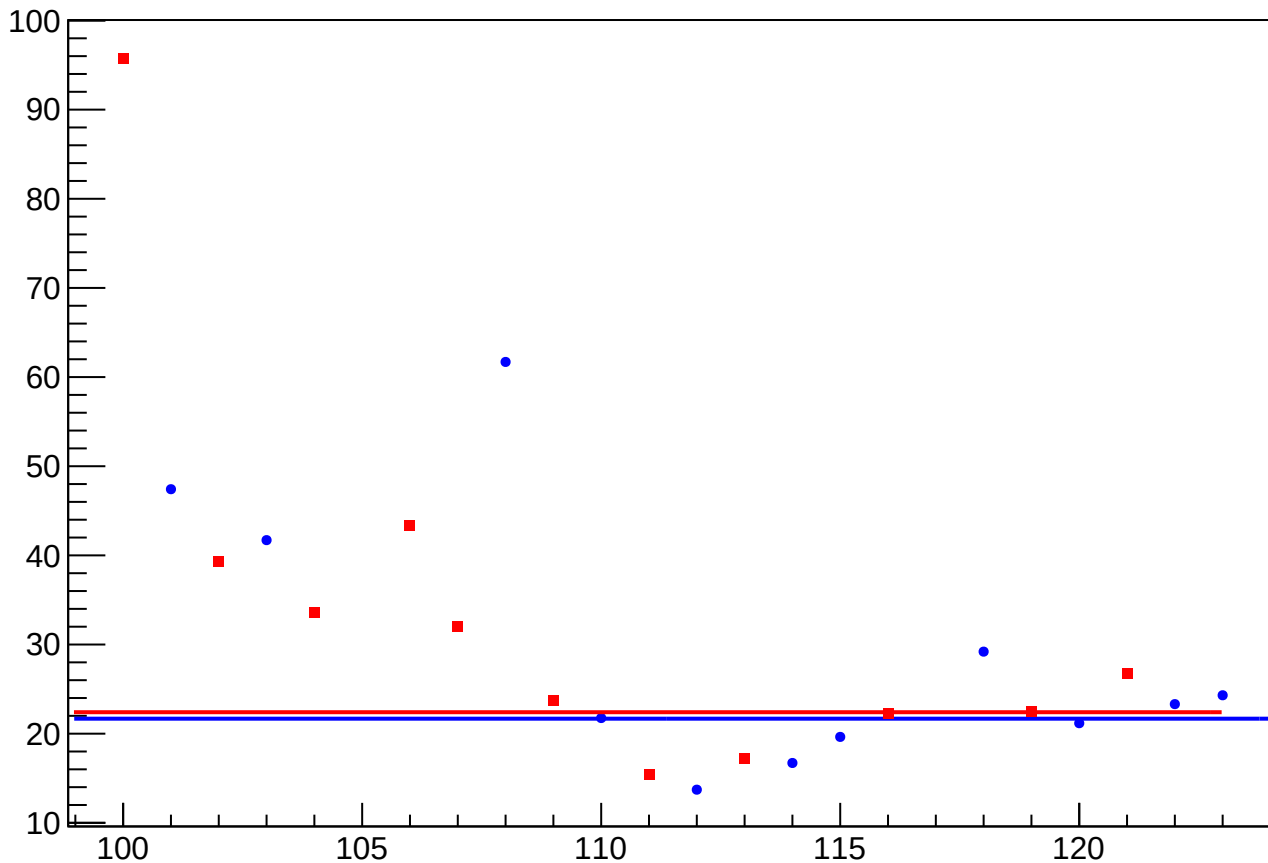
Right: -0.014+/-0.008 χ^2 /NDF: 31.4/21

In: -0.029+/-0.012 χ^2 /NDF:11.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.008 χ^2 /NDF: 31.4/21

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.681+/-0.009 χ^2/NDF : 1345132.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.408+/-0.008 χ^2/NDF : 865815.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

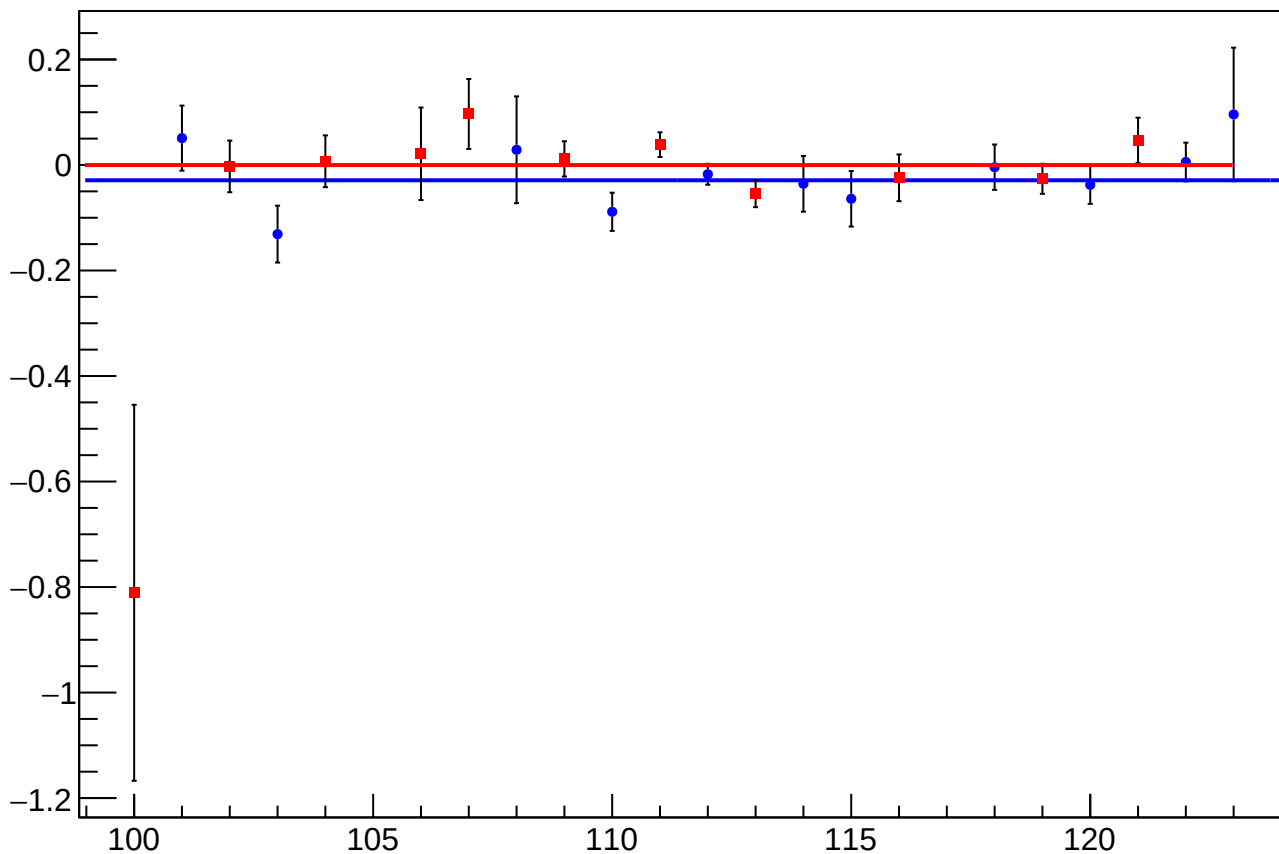
Right: 22.067+/-0.006 χ^2/NDF : 2214774.4/21

In: 21.681+/-0.009 χ^2/NDF : 1345132.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.067+/-0.006 χ^2/NDF : 2214774.4/21

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.012 χ^2 /NDF: 11.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.011 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

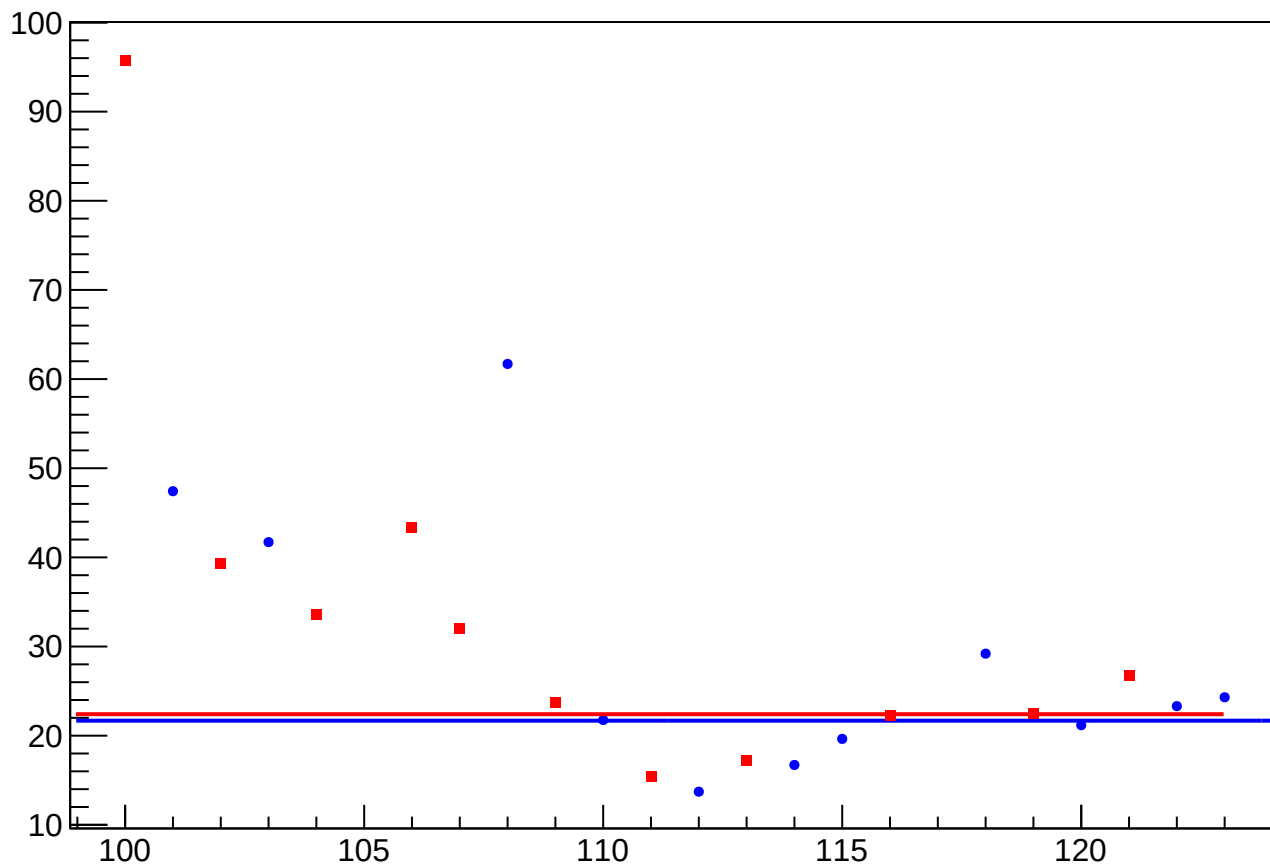
Right: -0.014+/-0.008 χ^2 /NDF: 31.4/21

In: -0.029+/-0.012 χ^2 /NDF:11.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.008 χ^2 /NDF: 31.4/21

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.681+/-0.009 χ^2/NDF : 1345132.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.408+/-0.008 χ^2/NDF : 865815.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

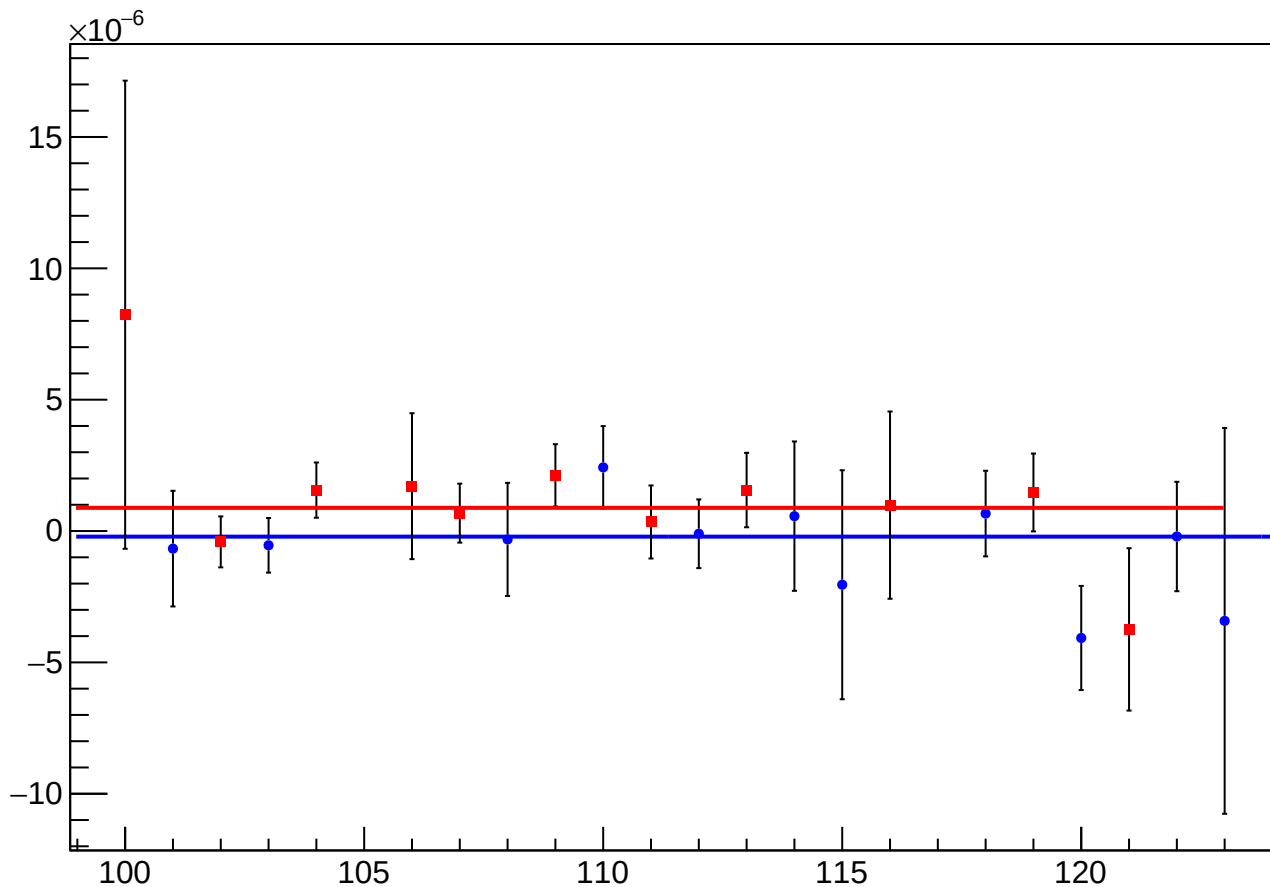
Right: 22.067+/-0.006 χ^2/NDF : 2214774.4/21

In: 21.681+/-0.009 χ^2/NDF : 1345132.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.067+/-0.006 χ^2/NDF : 2214774.4/21

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 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

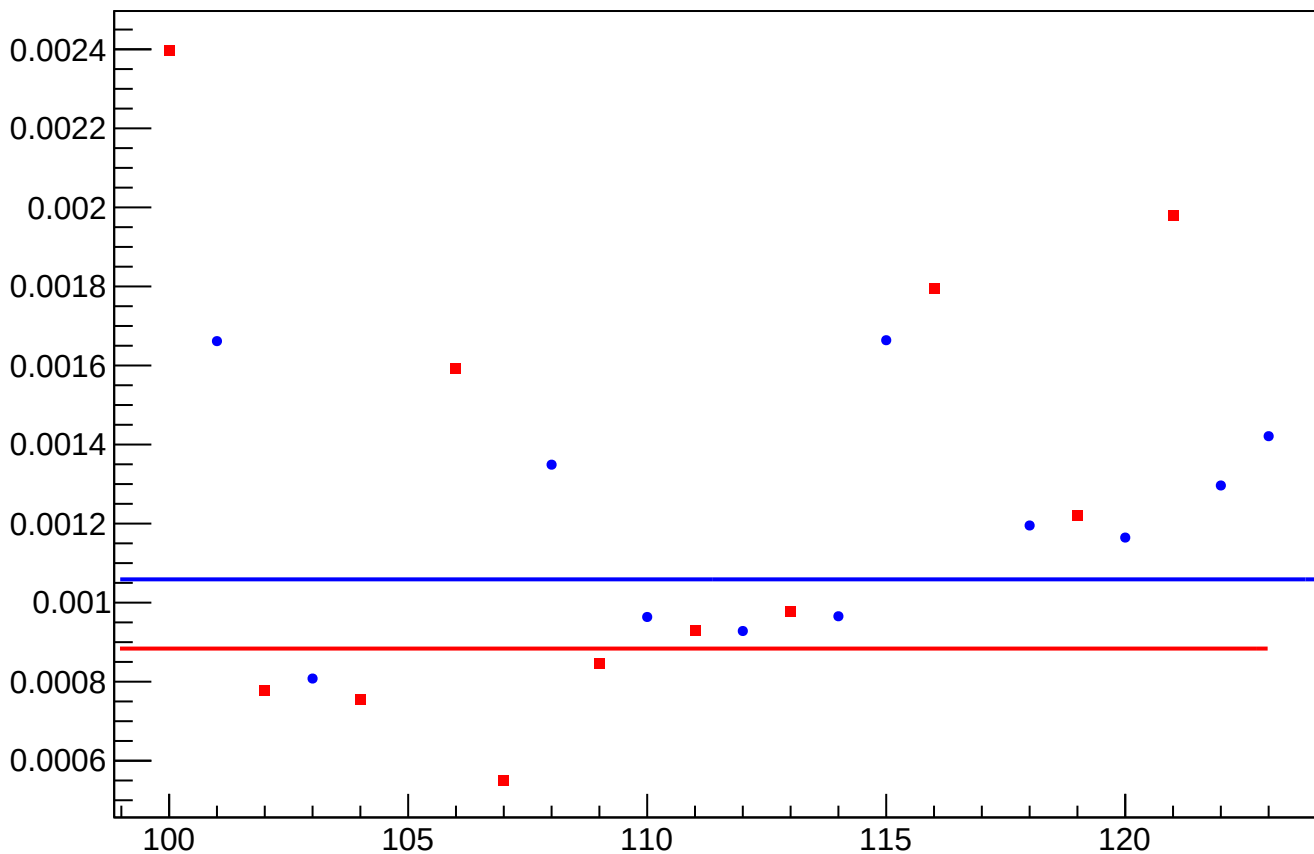
Right: 0.000+/-0.000 χ^2/NDF : 16.8/21

In: -0.000+/-0.000 χ^2/NDF :7.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.8/21

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 421517.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 916548.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

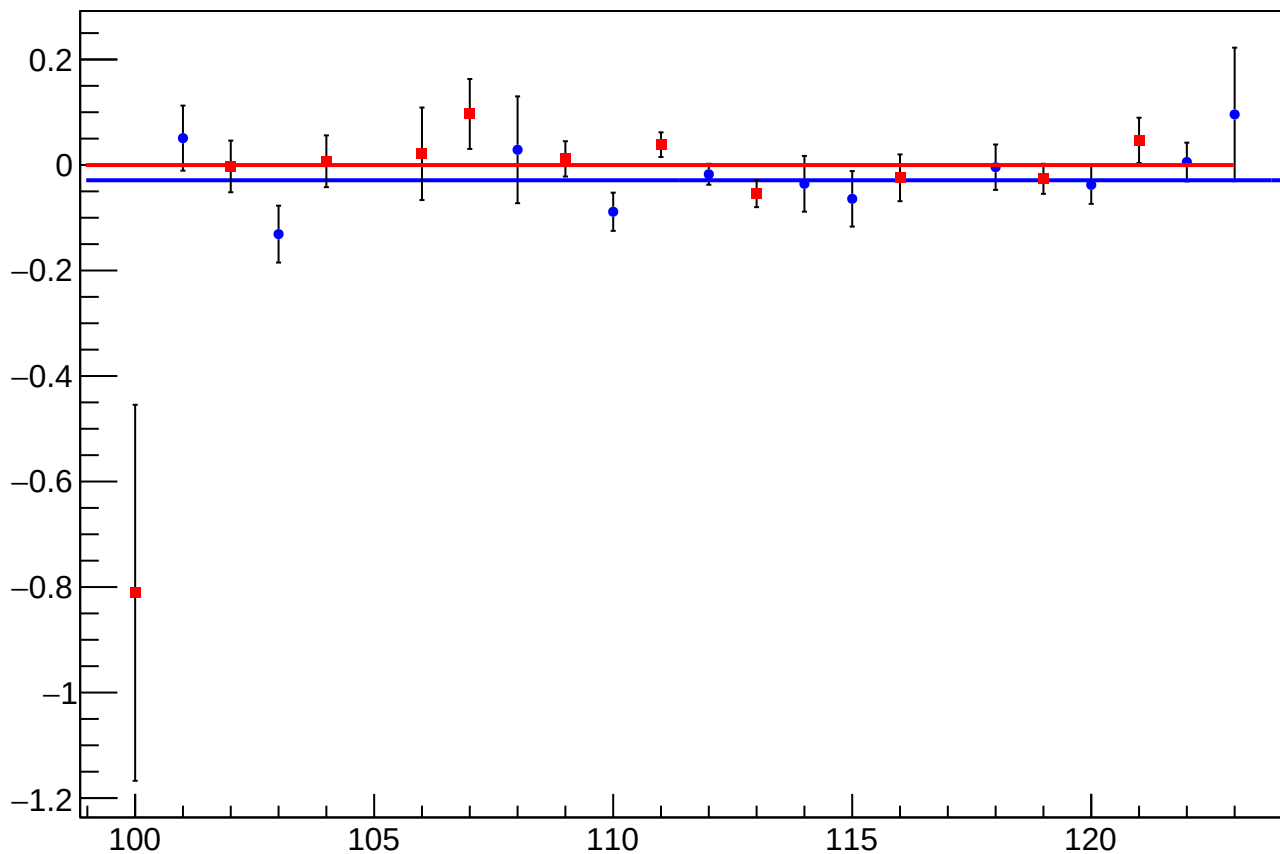
Right: 0.001+/-0.000 χ^2/NDF : 1464671.9/21

In: 0.001+/-0.000 χ^2/NDF :421517.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1464671.9/21

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.012 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.011 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

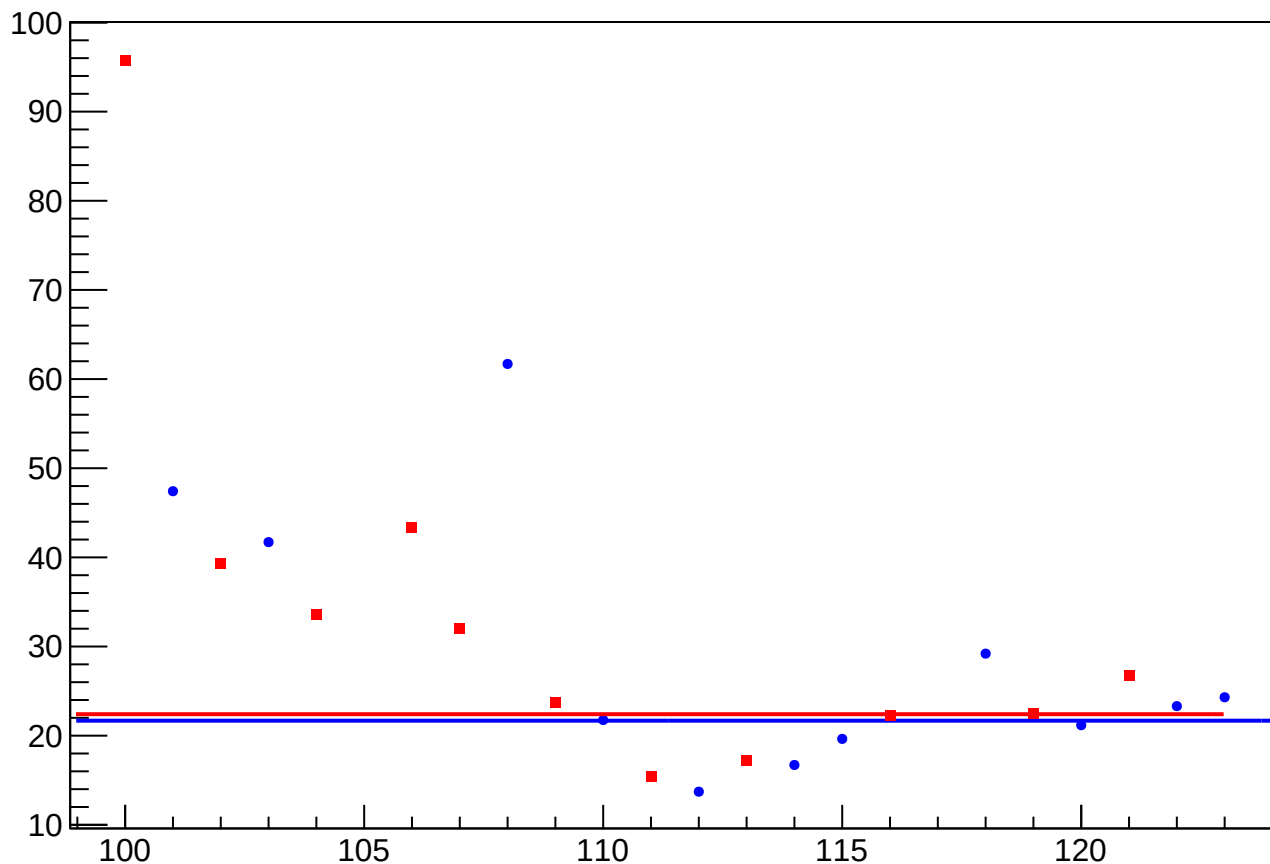
Right: -0.014+/-0.008 χ^2/NDF : 31.4/21

In: -0.029+/-0.012 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.008 χ^2/NDF : 31.4/21

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.681+/-0.009 χ^2/NDF : 1345170.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.407+/-0.008 χ^2/NDF : 865866.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

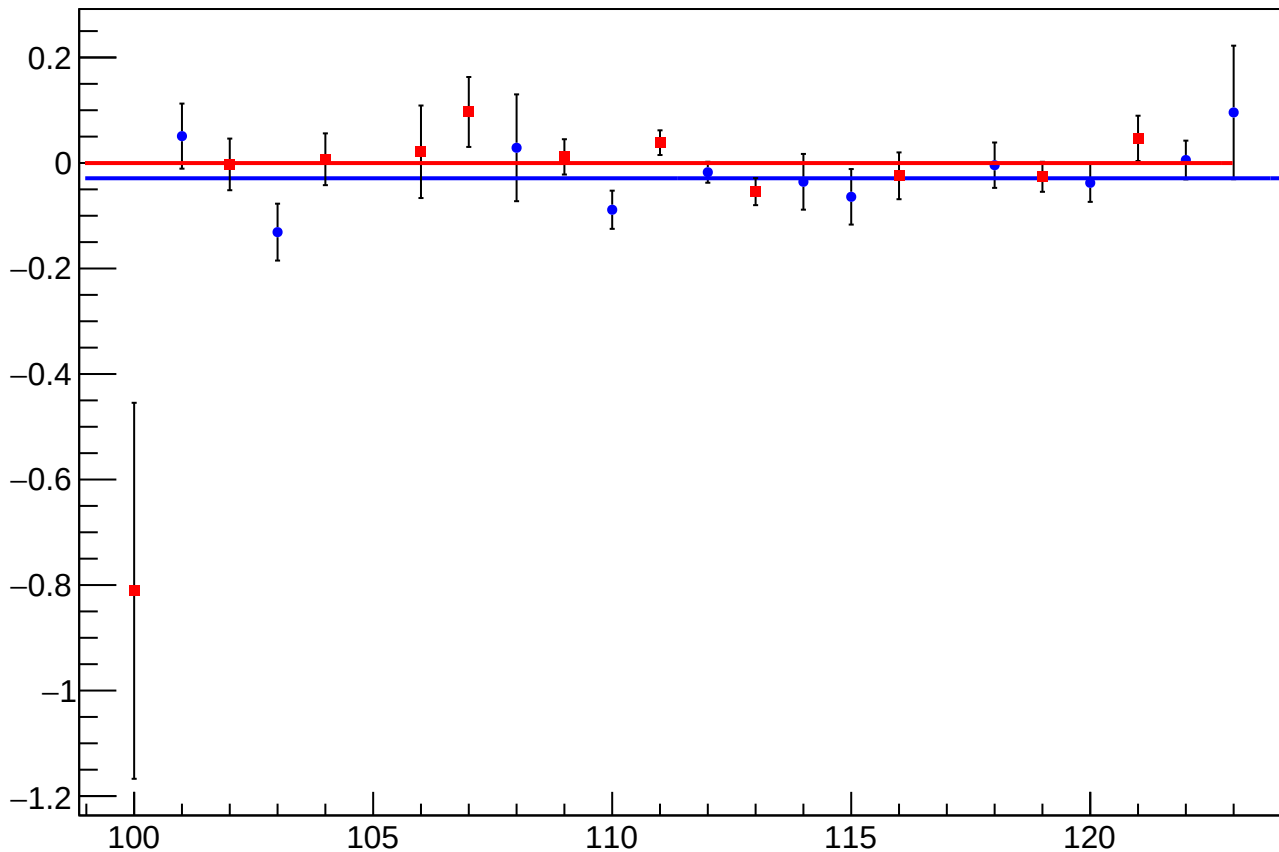
Right: 22.067+/-0.006 χ^2/NDF : 2214862.4/21

In: 21.681+/-0.009 χ^2/NDF : 1345170.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.067+/-0.006 χ^2/NDF : 2214862.4/21

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.012 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.011 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

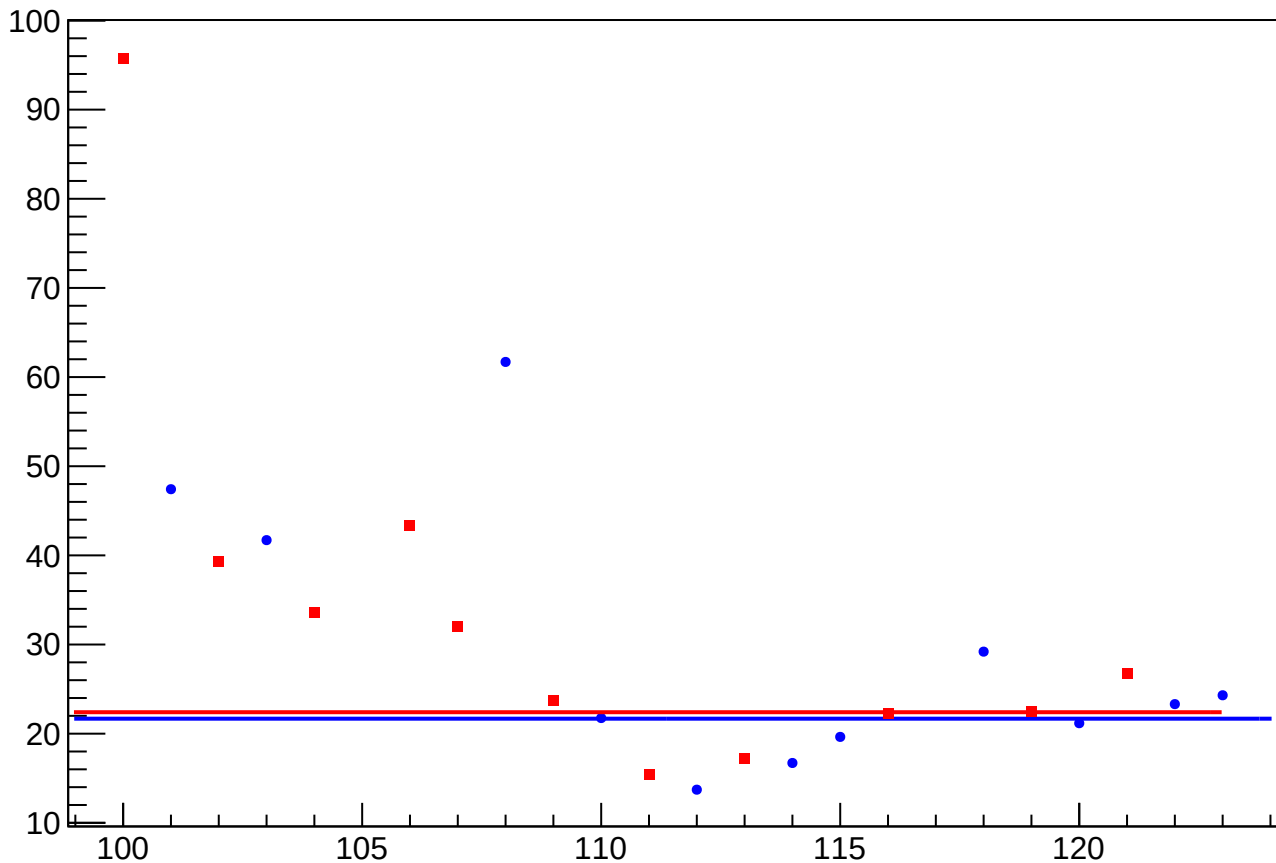
Right: -0.014+/-0.008 χ^2/NDF : 31.4/21

In: -0.029+/-0.012 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.008 χ^2/NDF : 31.4/21

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.681+/-0.009 χ^2/NDF : 1345170.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.407+/-0.008 χ^2/NDF : 865866.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

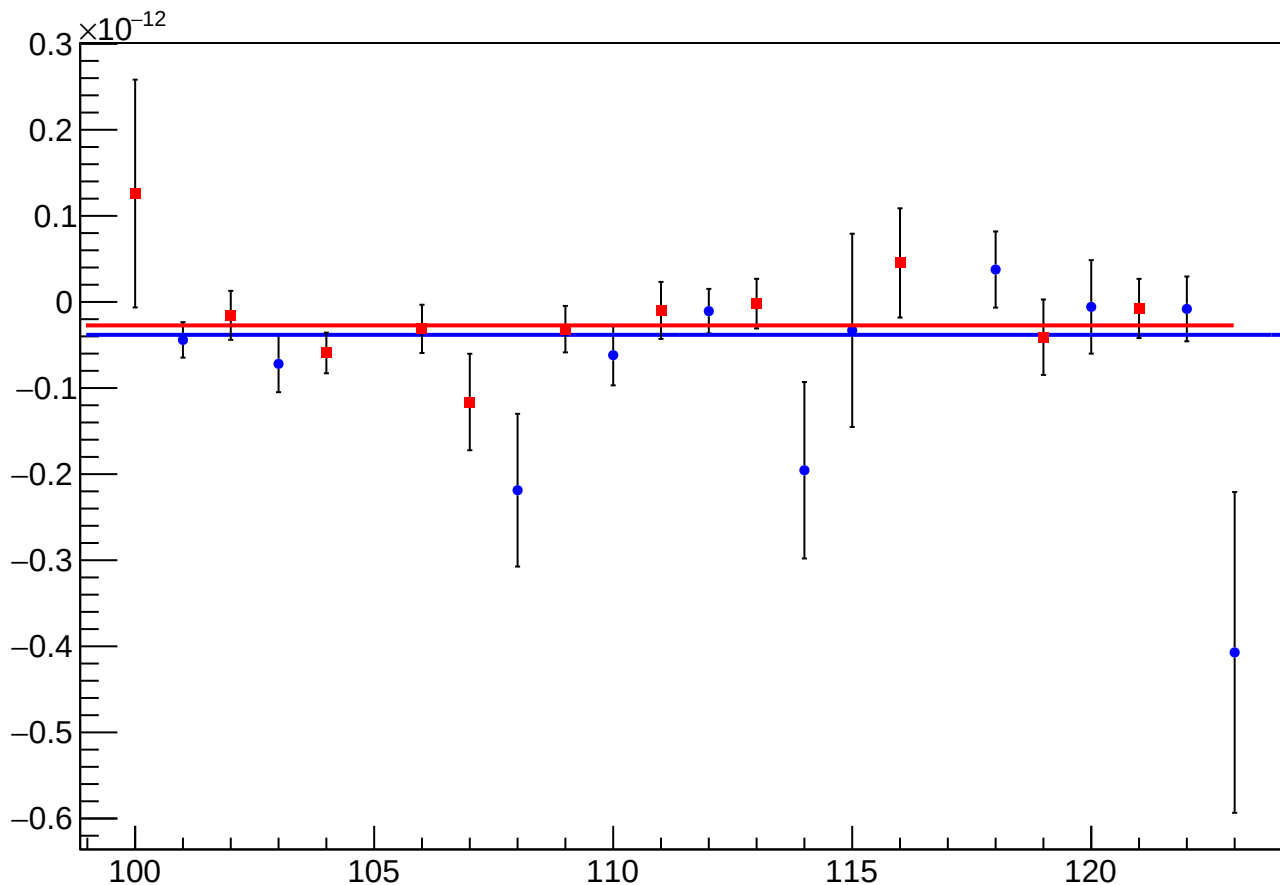
Right: 22.067+/-0.006 χ^2/NDF : 2214862.4/21

In: 21.681+/-0.009 χ^2/NDF : 1345170.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.067+/-0.006 χ^2/NDF : 2214862.4/21

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 17.1/10

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

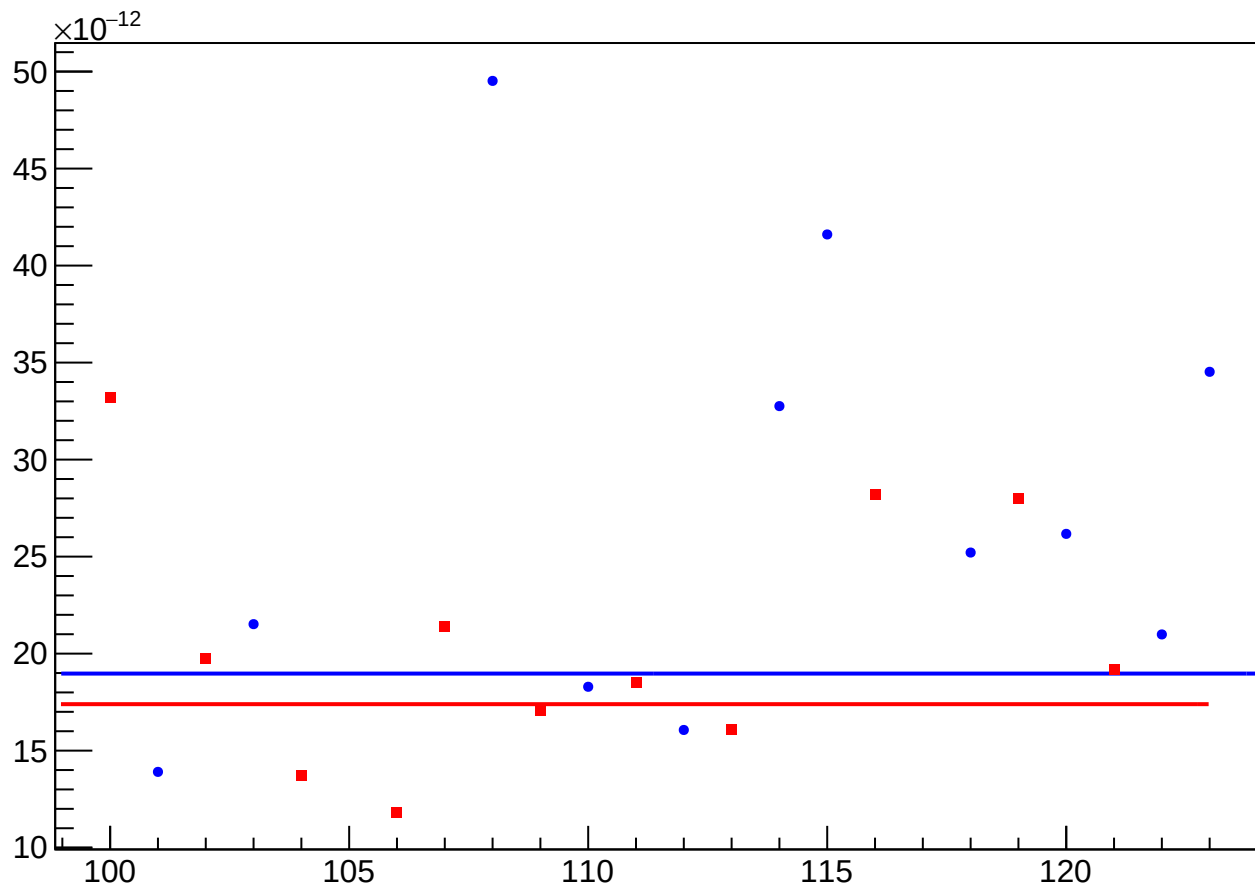
Right: -0.000 ± 0.000 χ^2/NDF : 26.3/21

In: -0.000 ± 0.000 χ^2/NDF : 17.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 26.3/21

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 608224.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 367468.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

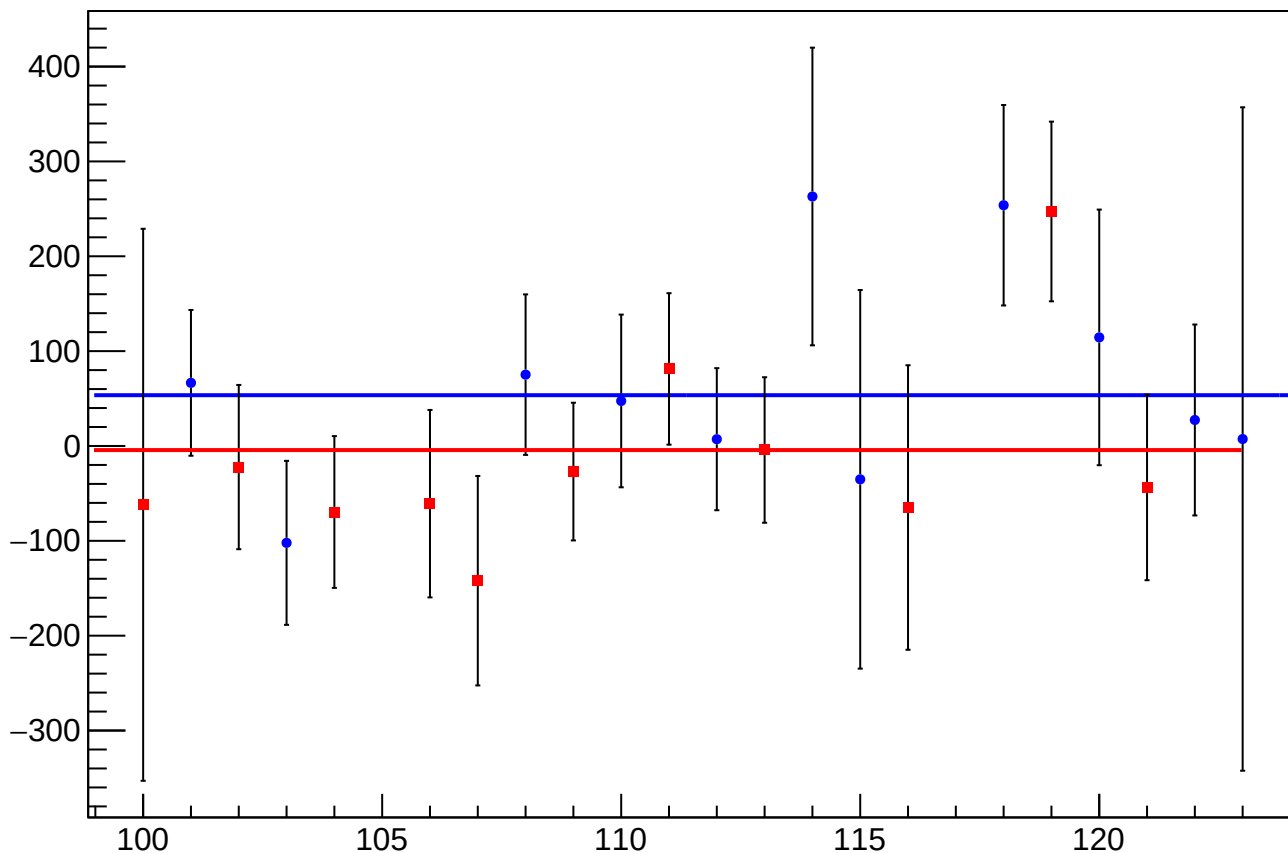
Right: 0.000+/-0.000 χ^2/NDF : 996754.7/21

In: 0.000+/-0.000 χ^2/NDF : 608224.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 996754.7/21

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.548 $\pm$ 30.728 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.318 $\pm$ 28.139 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

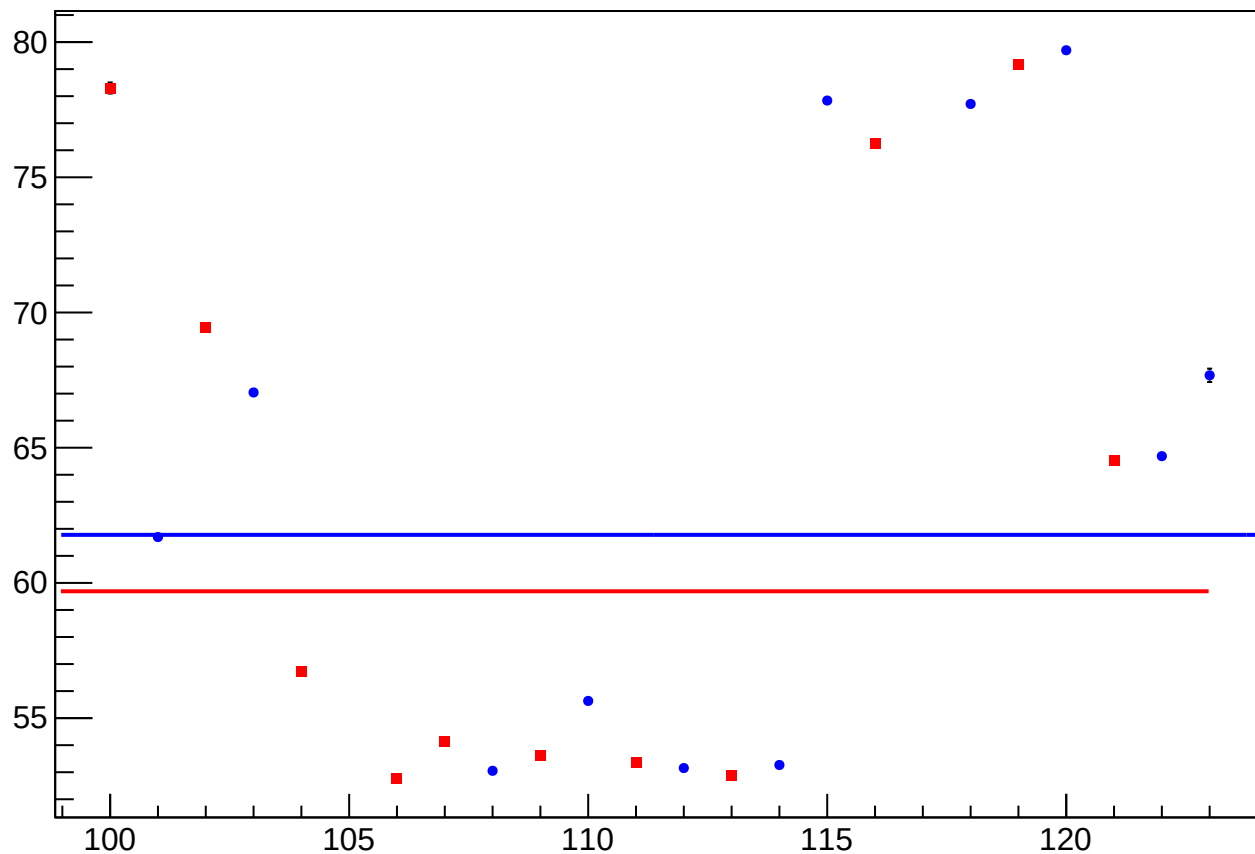
Right: 22.075 $\pm$ 20.752 χ^2 /NDF: 22.8/21

In: 53.548 $\pm$ 30.728 χ^2 /NDF:9.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.075 $\pm$ 20.752 χ^2 /NDF: 22.8/21

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.778+/-0.022 χ^2/NDF : 166244.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.691+/-0.020 χ^2/NDF : 207454.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

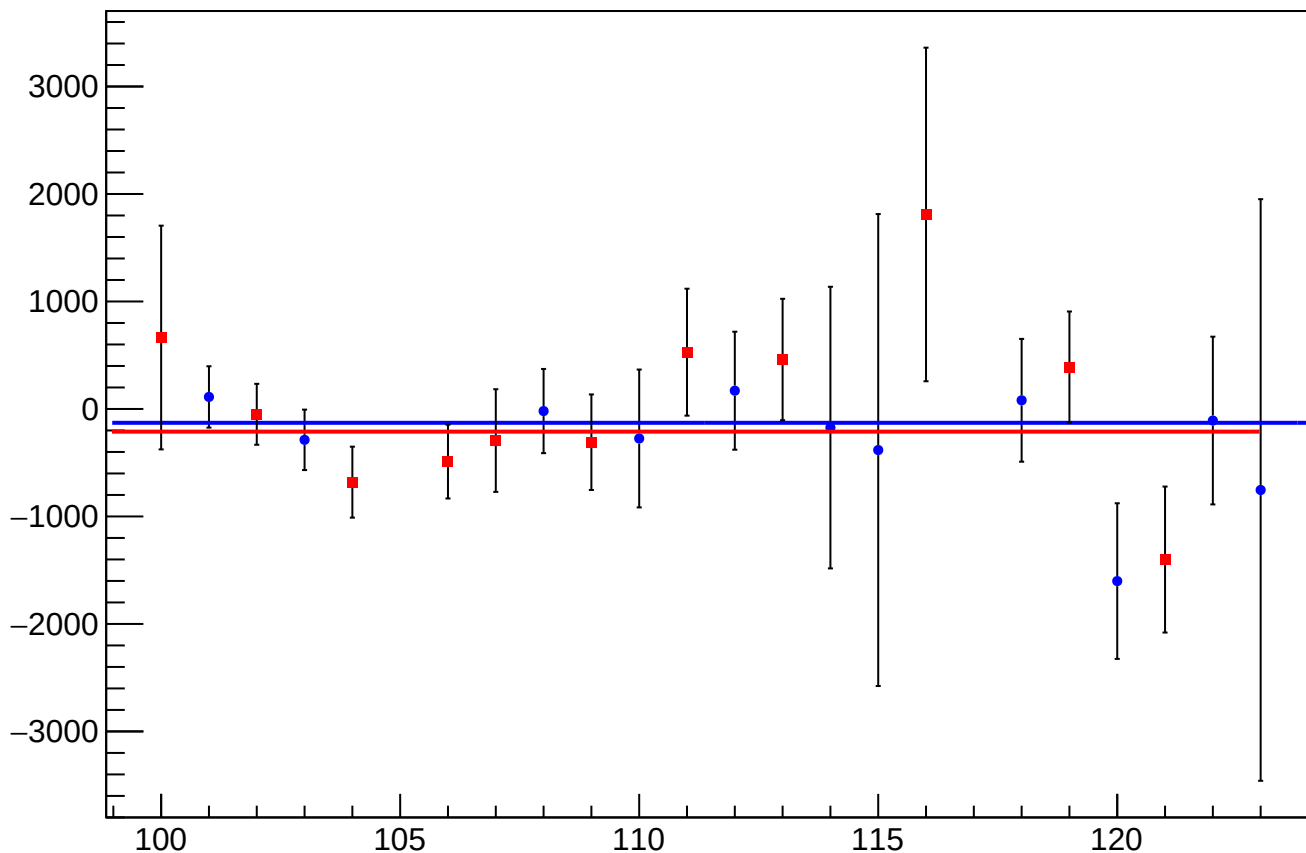
Right: 60.643+/-0.015 χ^2/NDF : 378713.7/21

In: 61.778+/-0.022 χ^2/NDF : 166244.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.643+/-0.015 χ^2/NDF : 378713.7/21

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -128.667 $\pm$ 149.495 χ^2 /NDF: 5.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -210.847 $\pm$ 137.615 χ^2 /NDF: 12.9/10

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

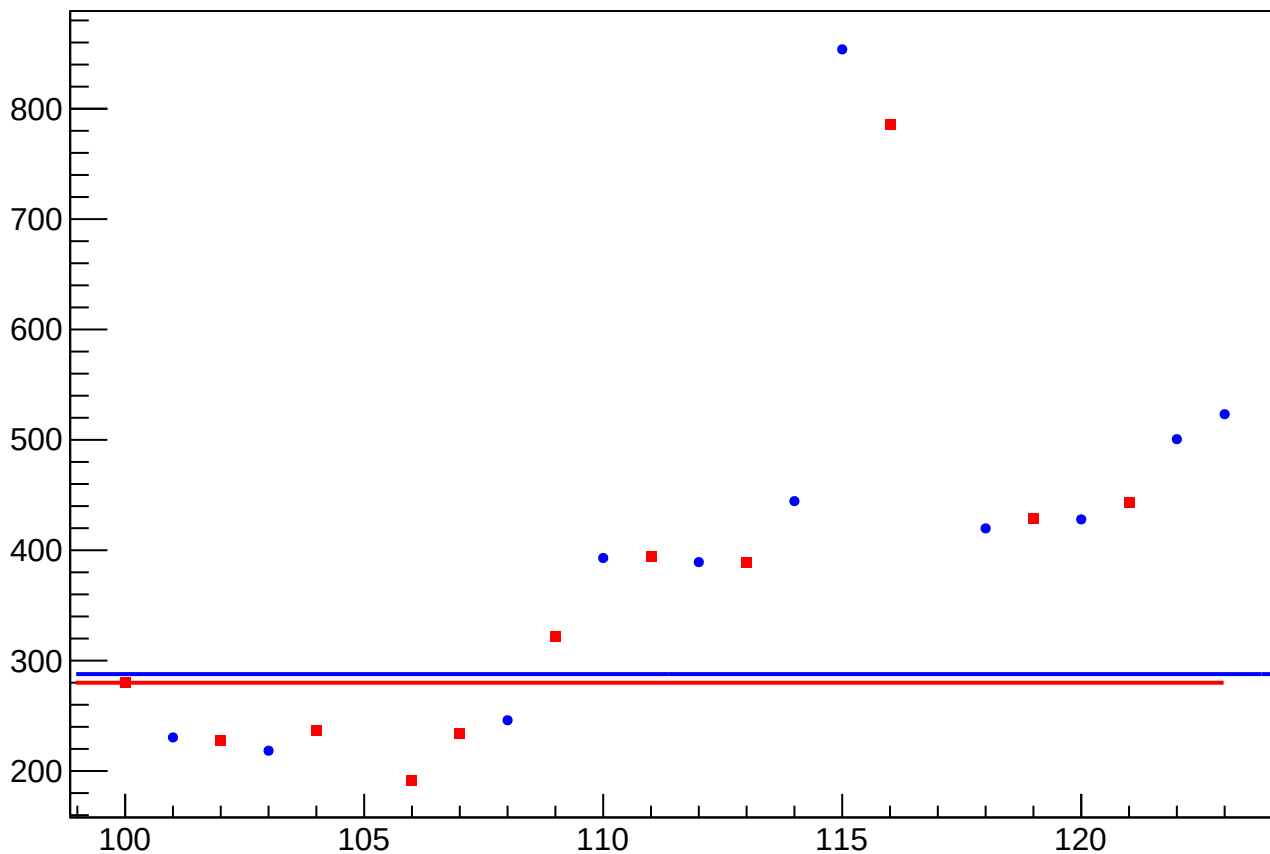
Right: -173.152 $\pm$ 101.248 χ^2 /NDF: 18.8/21

In: -128.667 $\pm$ 149.495 χ^2 /NDF: 5.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -173.152 $\pm$ 101.248 χ^2 /NDF: 18.8/21

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 287.787+/-0.106 χ^2/NDF : 854977.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.977+/-0.097 χ^2/NDF : 912939.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

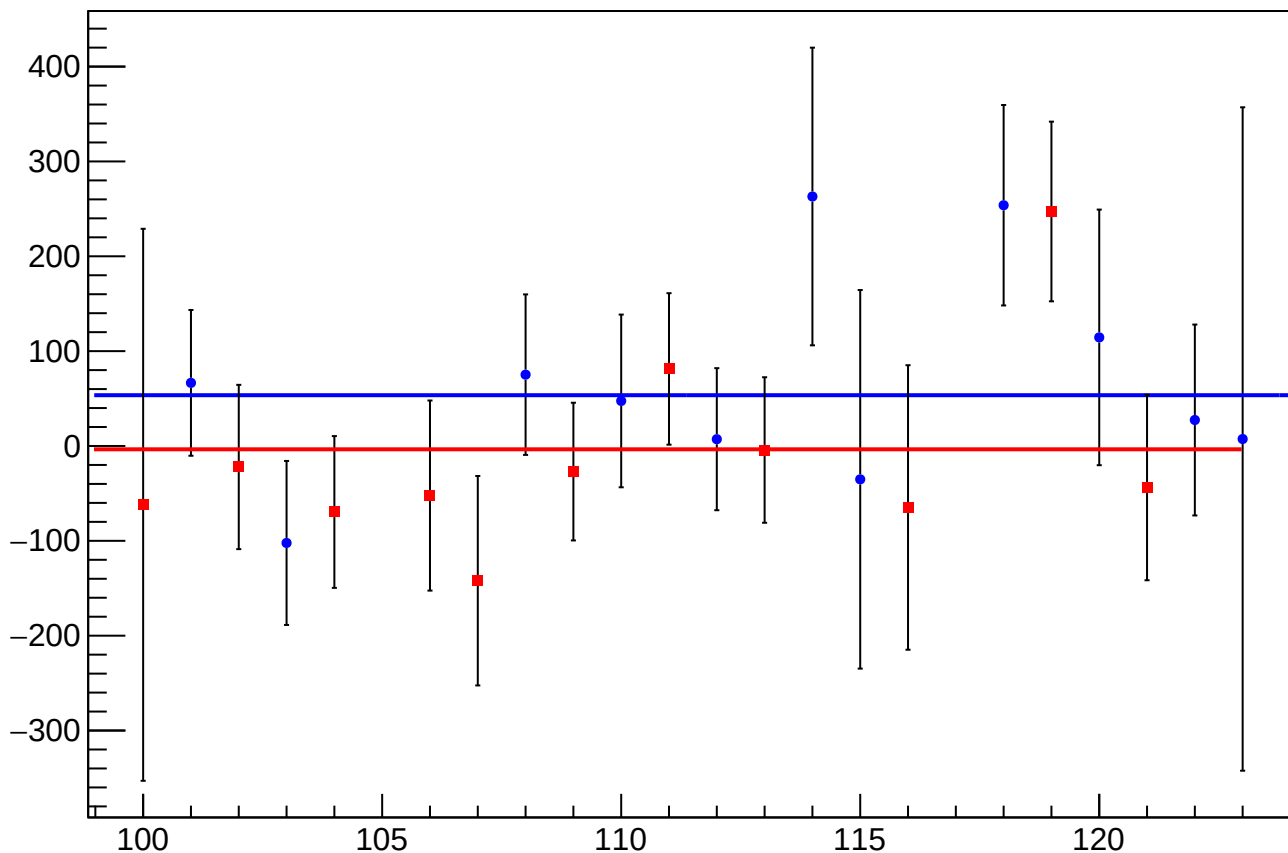
Right: 283.559+/-0.072 χ^2/NDF : 1770871.3/21

In: 287.787+/-0.106 χ^2/NDF : 854977.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.559+/-0.072 χ^2/NDF : 1770871.3/21

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.540 $\pm$ 30.728 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.503 $\pm$ 28.172 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

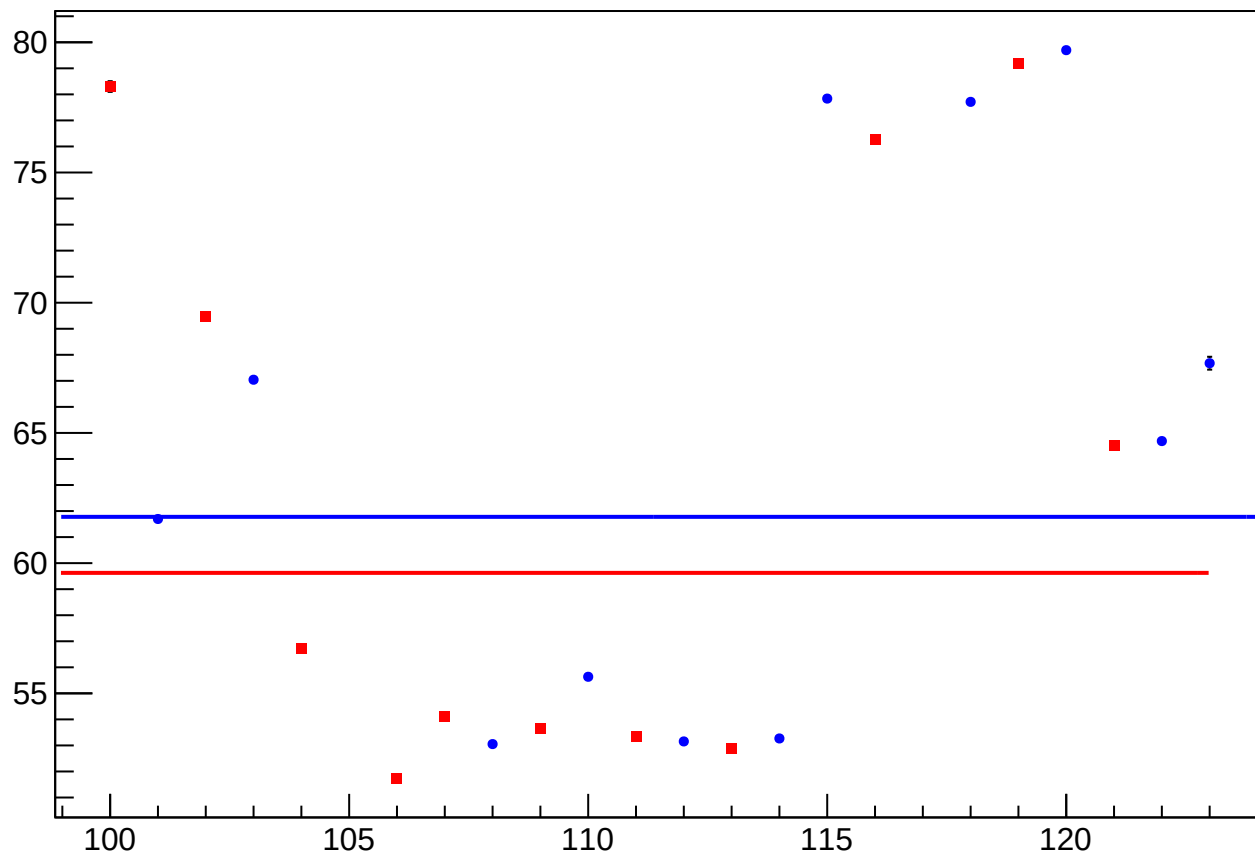
Right: 22.548 $\pm$ 20.766 χ^2 /NDF: 22.6/21

In: 53.540 $\pm$ 30.728 χ^2 /NDF:9.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.548 $\pm$ 20.766 χ^2 /NDF: 22.6/21

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.778+/-0.022 χ^2/NDF : 166244.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.626+/-0.020 χ^2/NDF : 210338.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

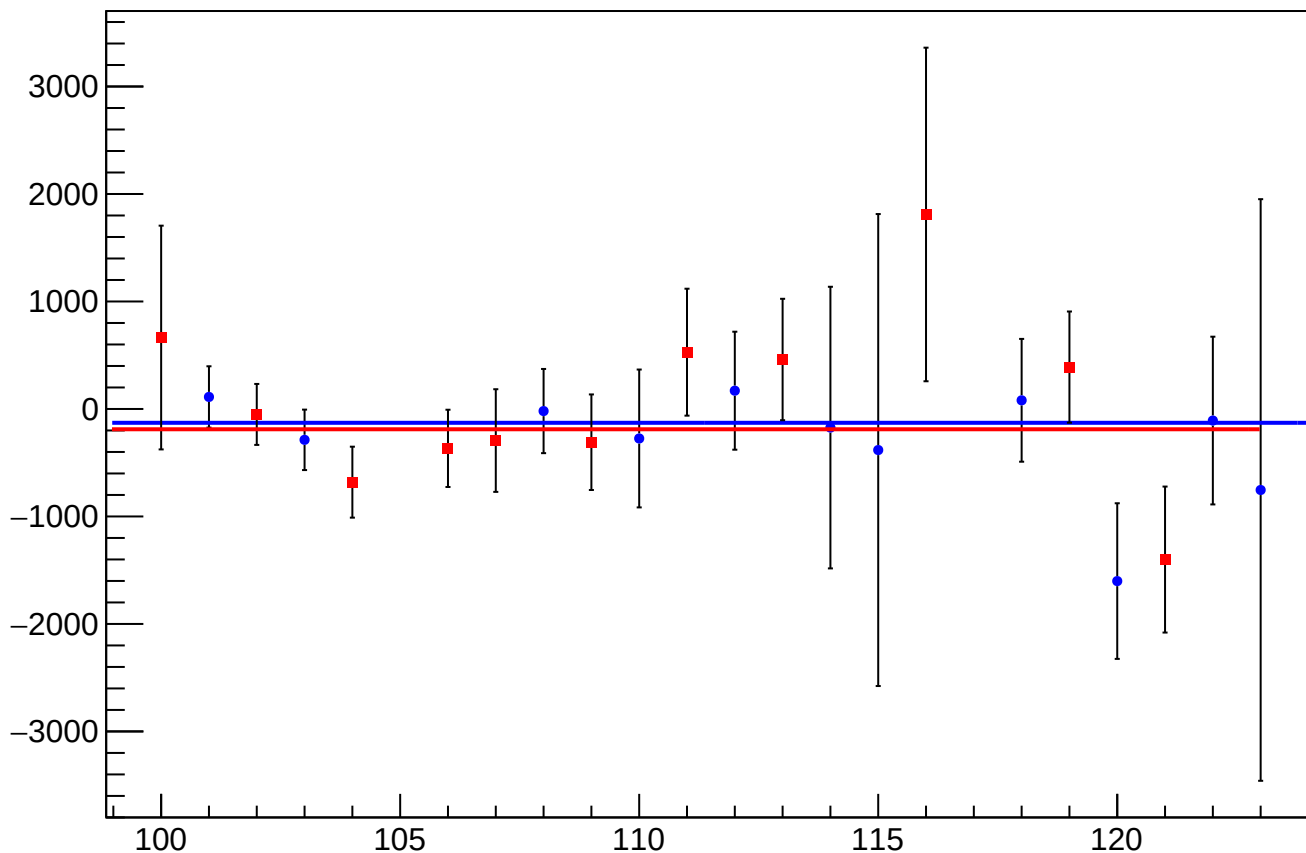
Right: 60.609+/-0.015 χ^2/NDF : 381910.0/21

In: 61.778+/-0.022 χ^2/NDF : 166244.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.609+/-0.015 χ^2/NDF : 381910.0/21

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.646+/-149.496 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.901+/-138.612 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

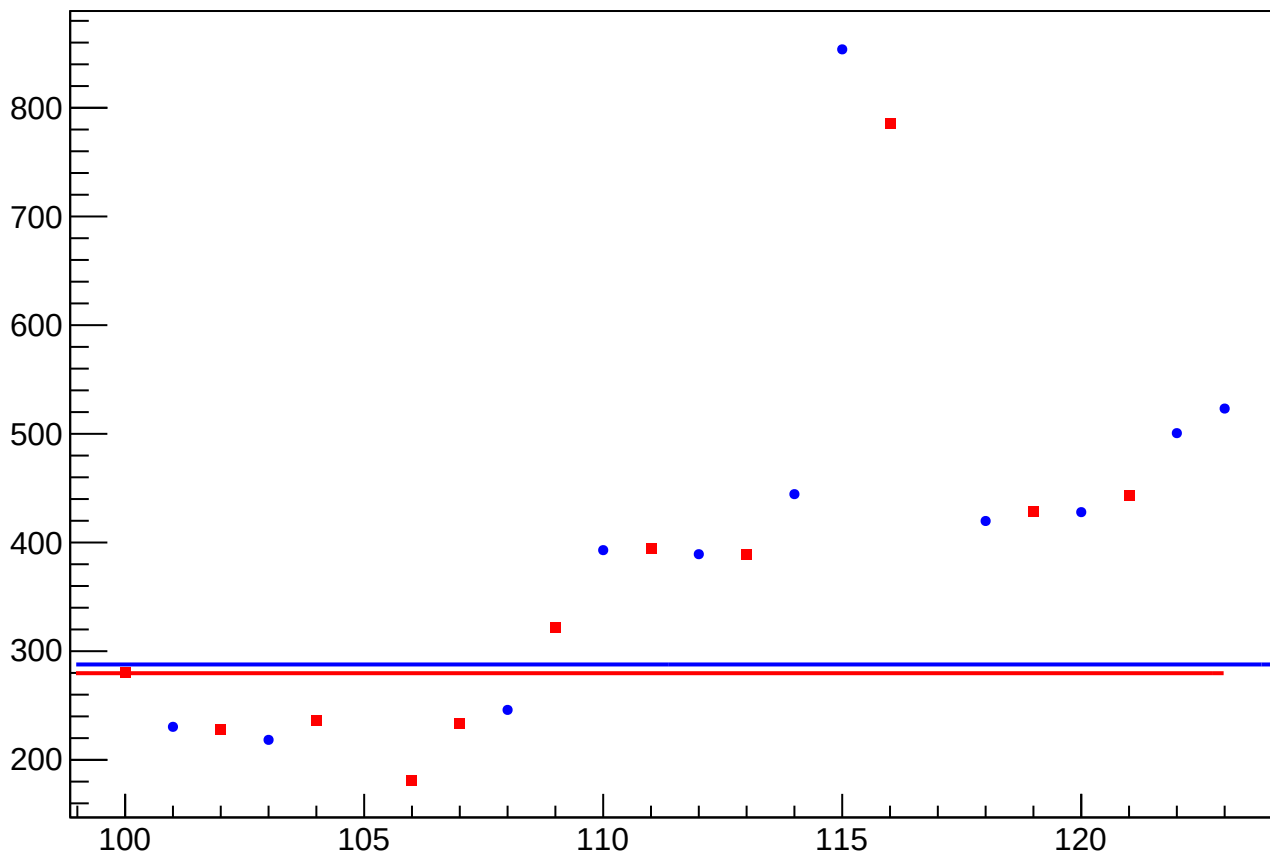
Right: -161.046+/-101.644 χ^2/NDF : 18.3/21

In: -128.646+/-149.496 χ^2/NDF : 5.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.046+/-101.644 χ^2/NDF : 18.3/21

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 287.790+/-0.106 χ^2/NDF : 854941.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.749+/-0.098 χ^2/NDF : 930936.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

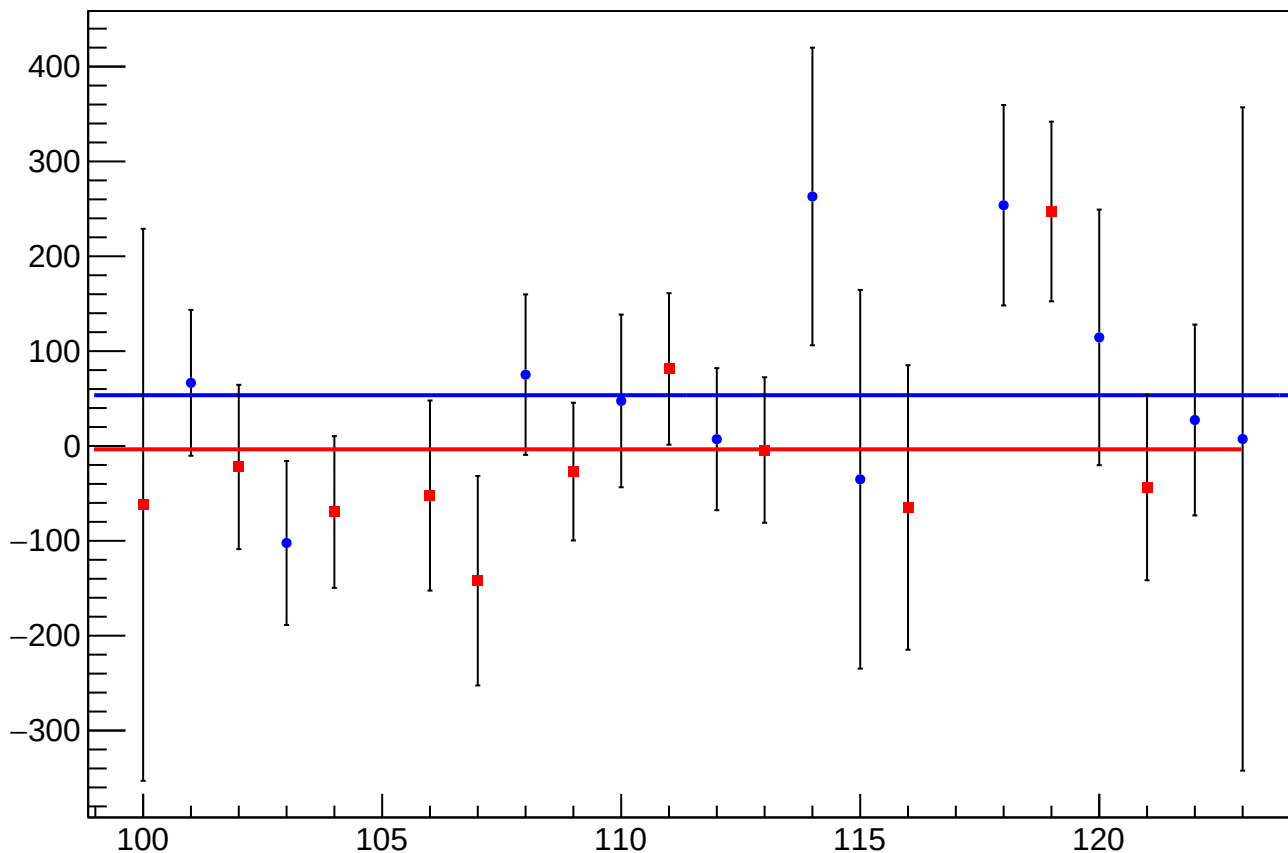
Right: 283.466+/-0.072 χ^2/NDF : 1788989.1/21

In: 287.790+/-0.106 χ^2/NDF : 854941.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.466+/-0.072 χ^2/NDF : 1788989.1/21

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.540+/-30.728 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.503+/-28.172 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

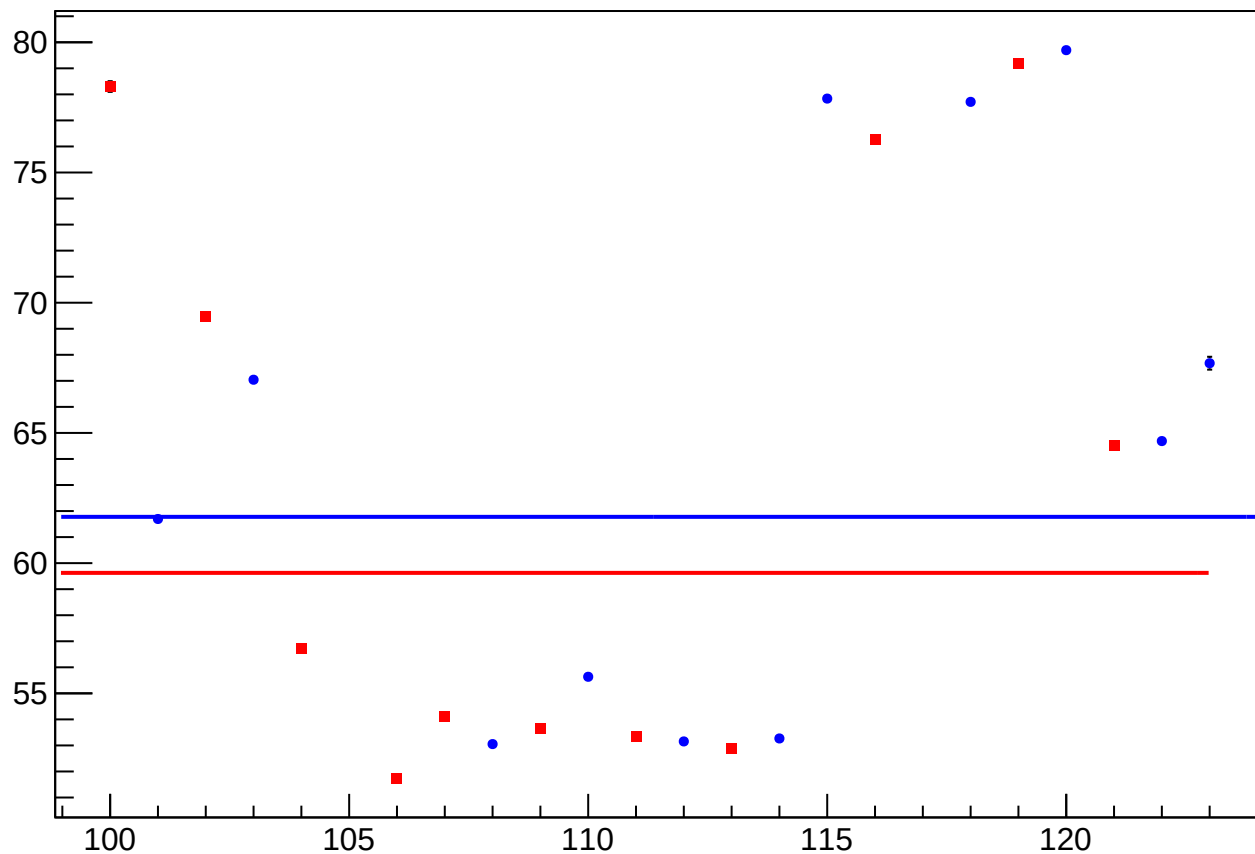
Right: 22.548+/-20.766 χ^2/NDF : 22.6/21

In: 53.540+/-30.728 χ^2/NDF : 9.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.548+/-20.766 χ^2/NDF : 22.6/21

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.778+/-0.022 χ^2/NDF : 166244.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.626+/-0.020 χ^2/NDF : 210338.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

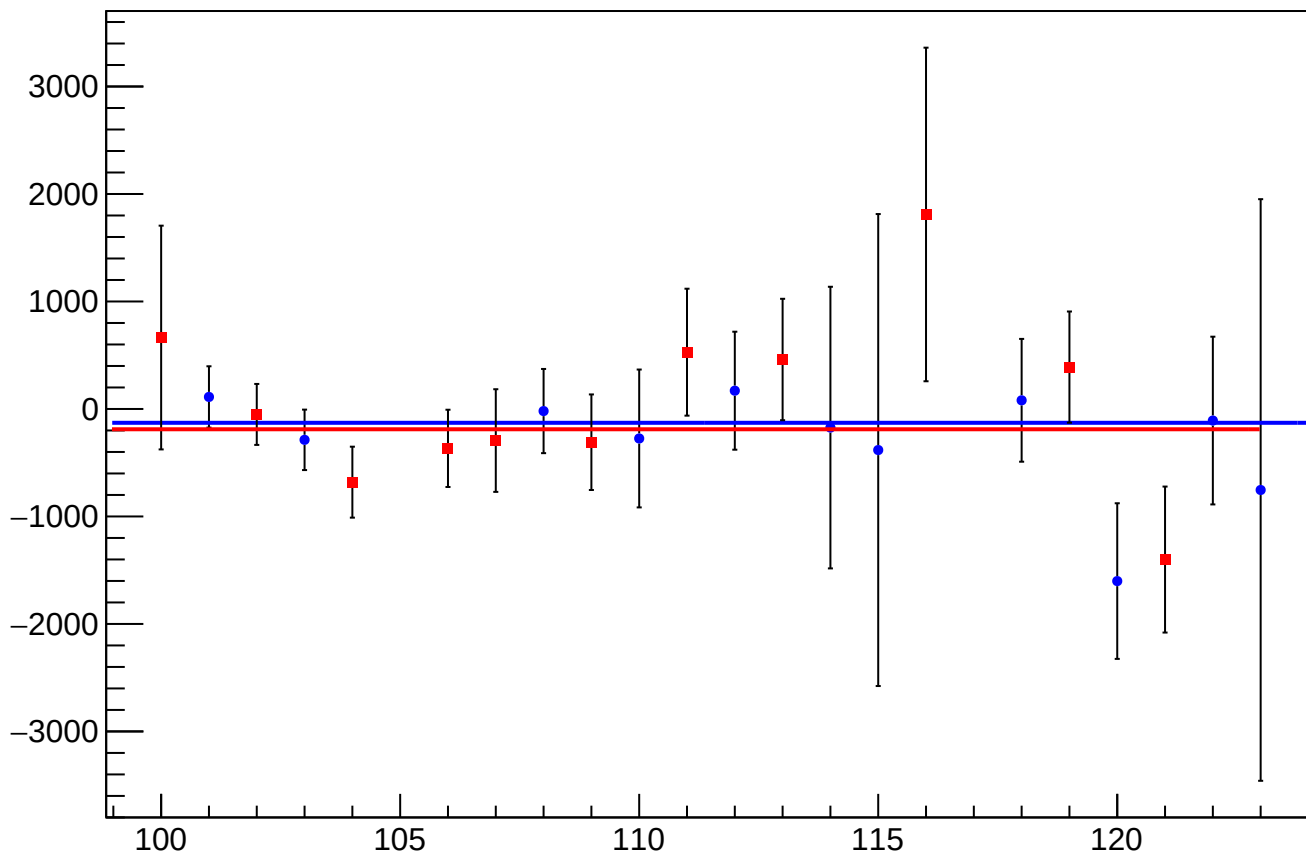
Right: 60.609+/-0.015 χ^2/NDF : 381910.0/21

In: 61.778+/-0.022 χ^2/NDF : 166244.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.609+/-0.015 χ^2/NDF : 381910.0/21

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.646+/-149.496 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.901+/-138.612 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

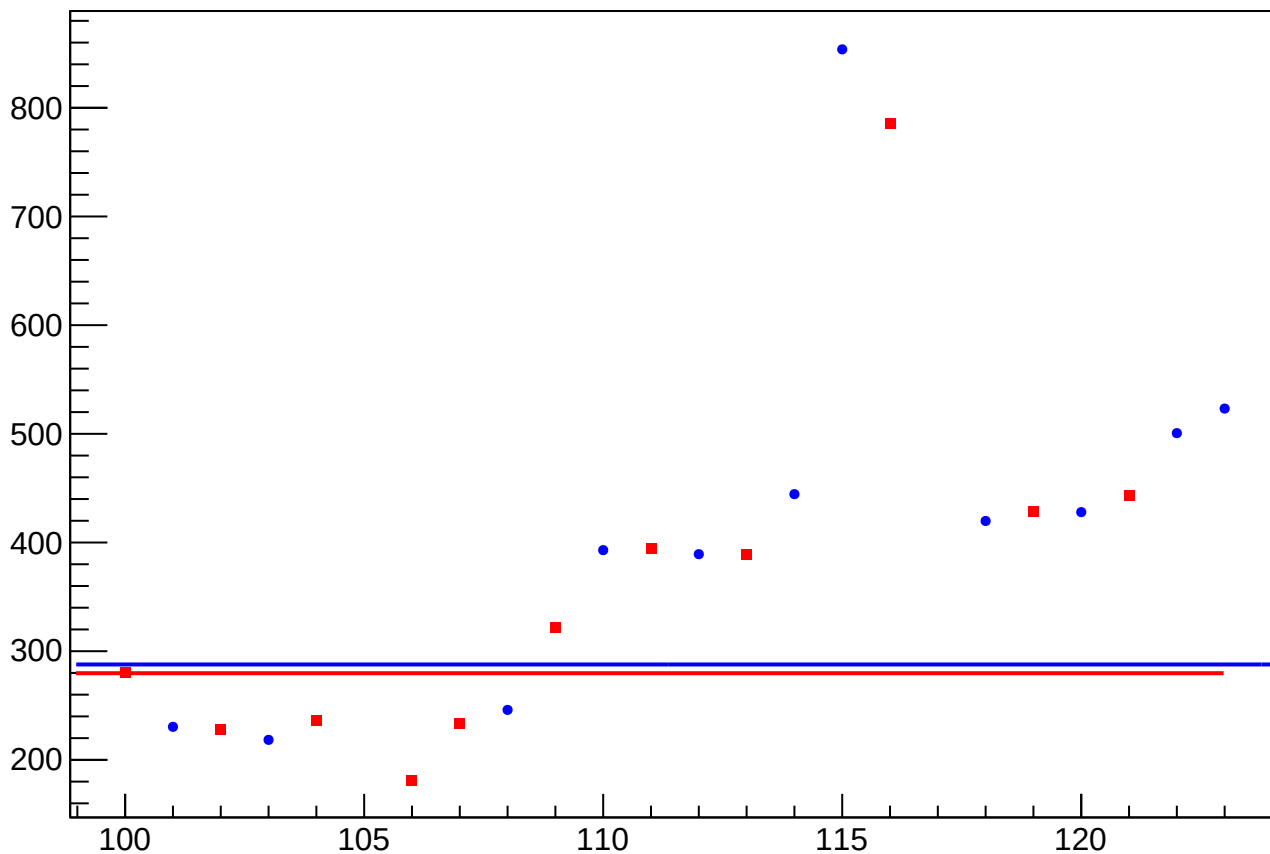
Right: -161.046+/-101.644 χ^2/NDF : 18.3/21

In: -128.646+/-149.496 χ^2/NDF : 5.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.046+/-101.644 χ^2/NDF : 18.3/21

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 287.790+/-0.106 χ^2/NDF : 854941.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.749+/-0.098 χ^2/NDF : 930936.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

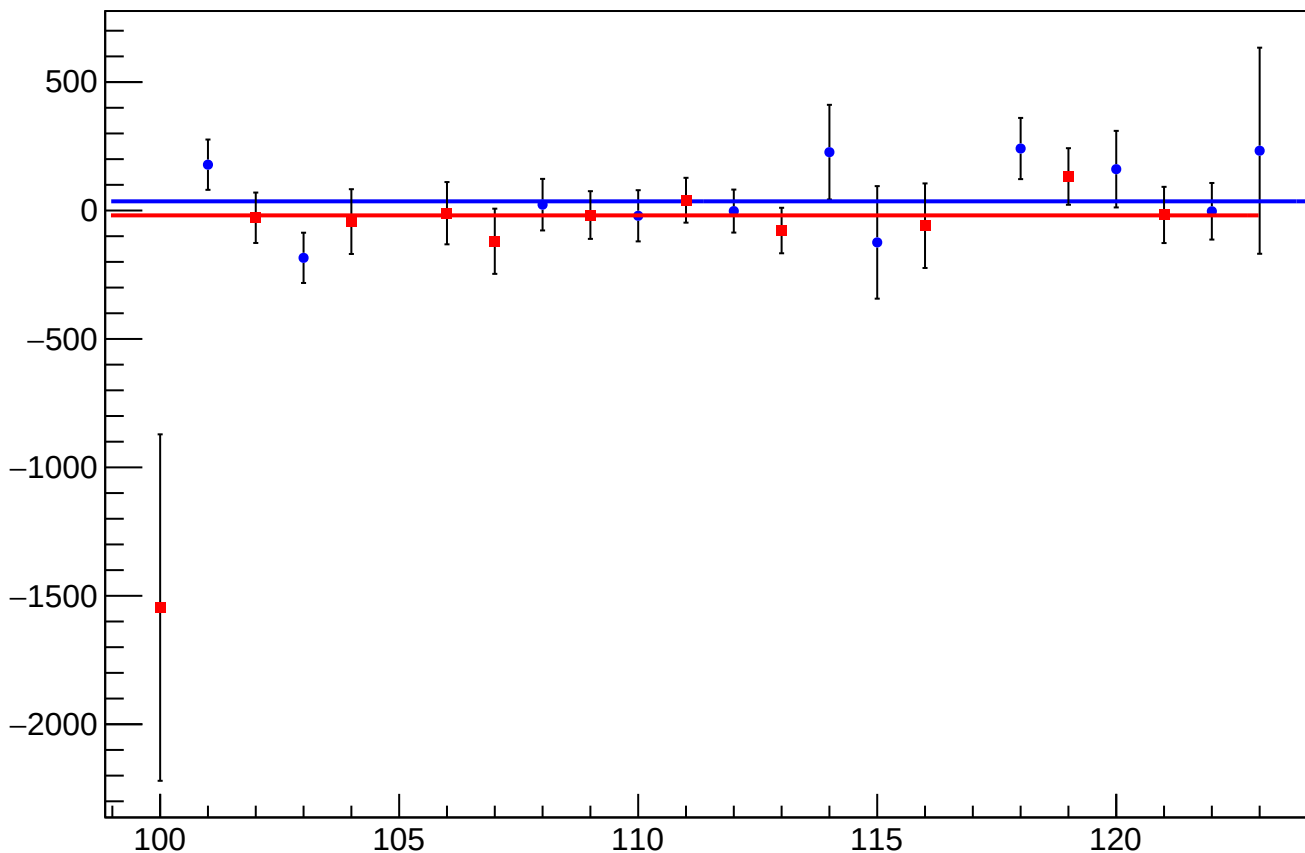
Right: 283.466+/-0.072 χ^2/NDF : 1788989.1/21

In: 287.790+/-0.106 χ^2/NDF : 854941.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.466+/-0.072 χ^2/NDF : 1788989.1/21

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 35.776+/-35.228 χ^2/NDF : 13.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.922+/-33.773 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

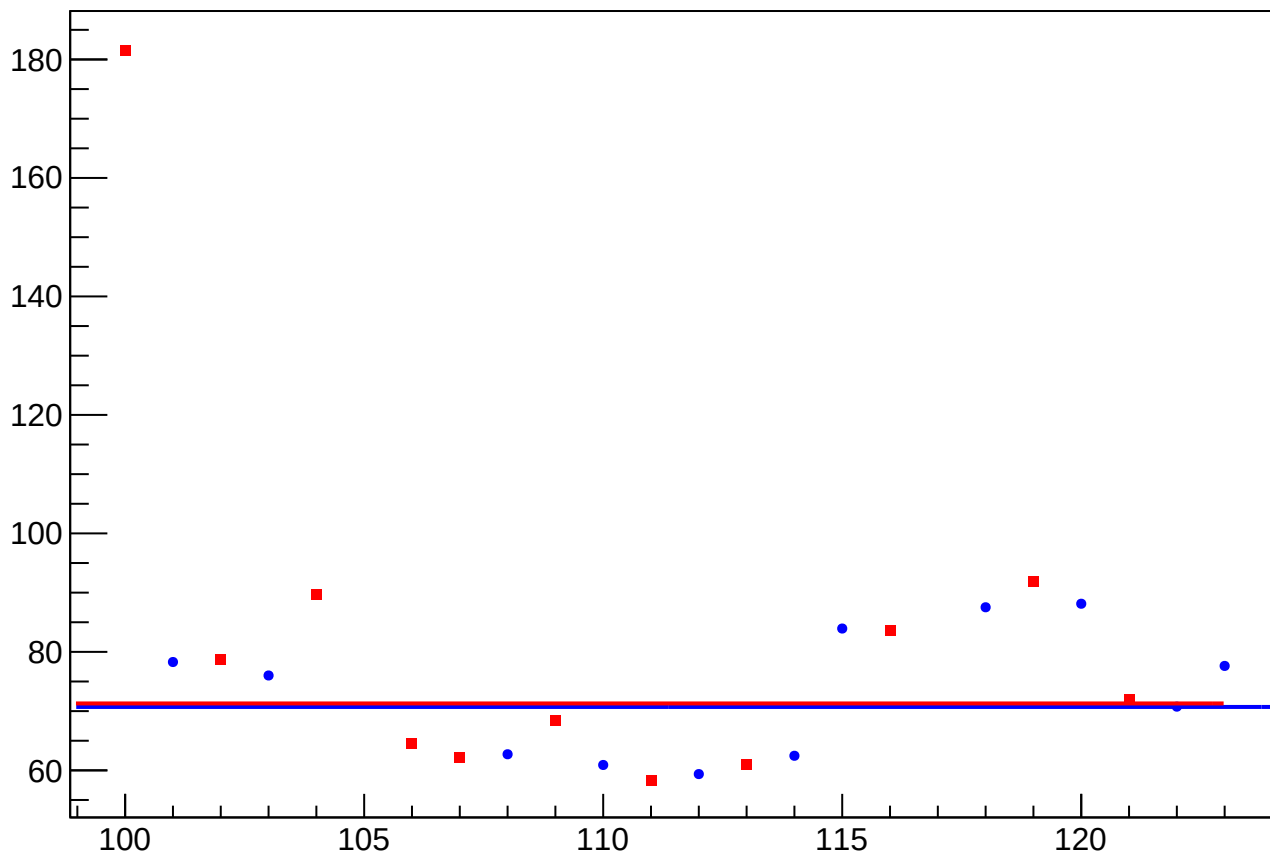
Right: 7.274+/-24.380 χ^2/NDF : 23.3/21

In: 35.776+/-35.228 χ^2/NDF : 13.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.274+/-24.380 χ^2/NDF : 23.3/21

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.704+/-0.025 χ^2 /NDF: 165648.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 71.295+/-0.024 χ^2 /NDF: 278956.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

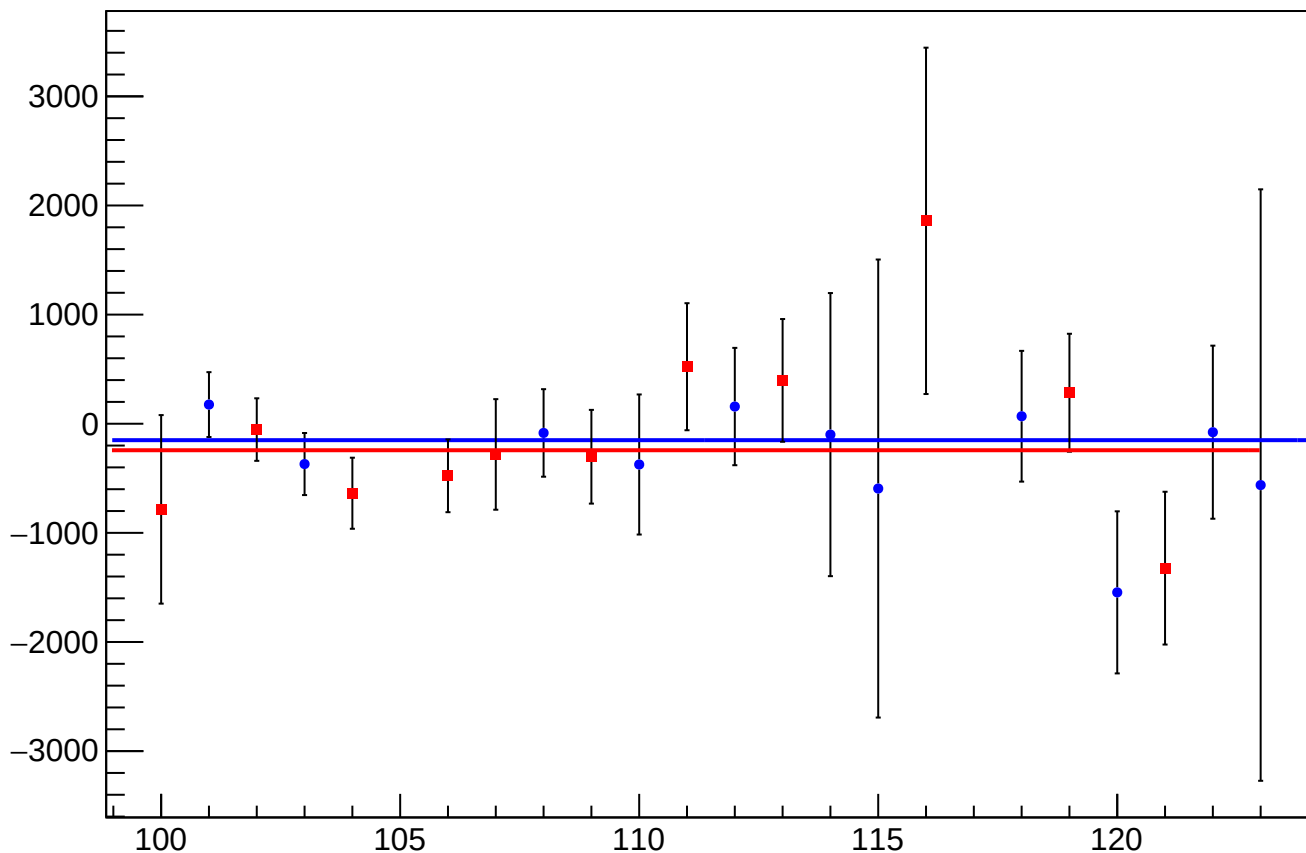
Right: 71.012+/-0.017 χ^2 /NDF: 444898.0/21

In: 70.704+/-0.025 χ^2 /NDF:165648.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 71.012+/-0.017 χ^2 /NDF: 444898.0/21

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.633+/-152.594 χ^2/NDF : 6.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.886+/-137.041 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

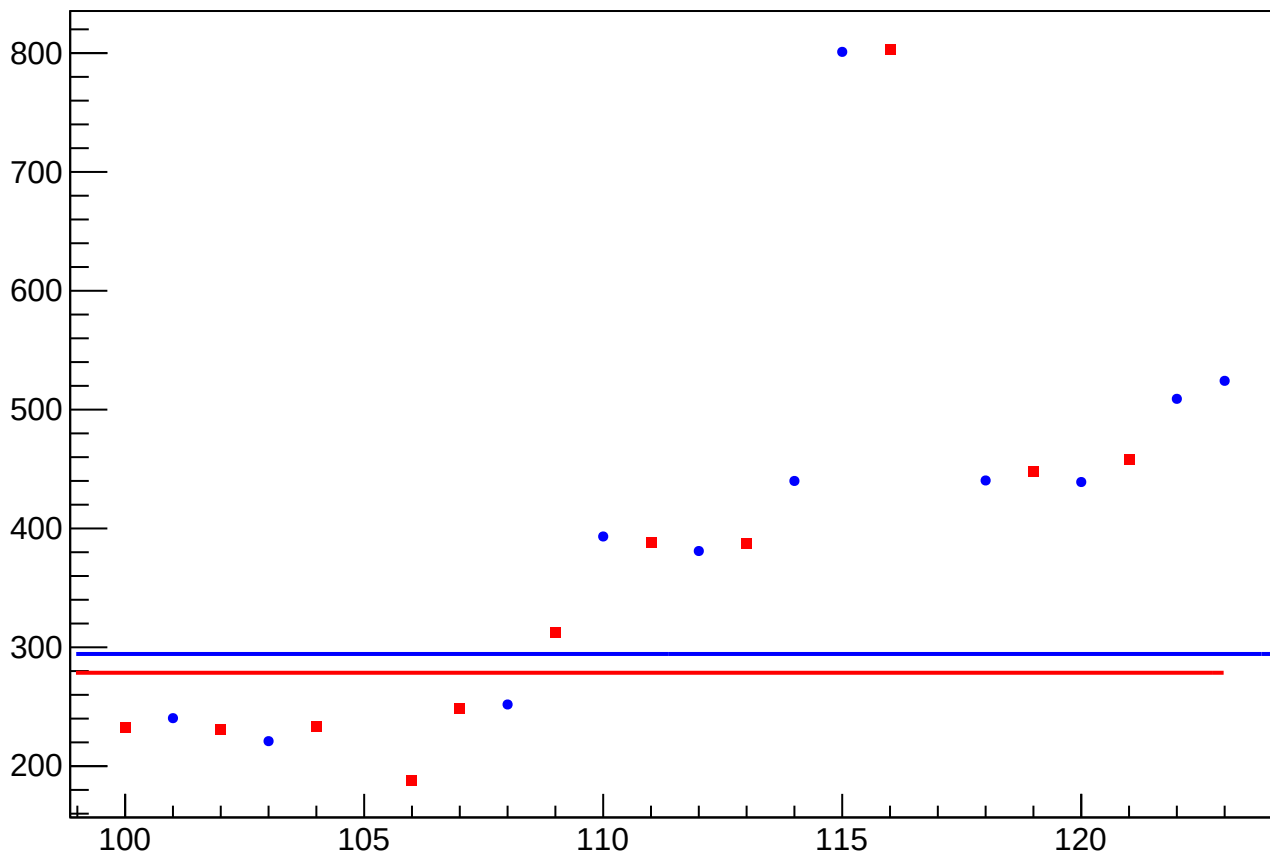
Right: -201.699+/-101.959 χ^2/NDF : 17.1/21

In: -150.633+/-152.594 χ^2/NDF : 6.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.699+/-101.959 χ^2/NDF : 17.1/21

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 294.392+/-0.108 χ^2/NDF : 818468.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 278.579+/-0.097 χ^2/NDF : 961275.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

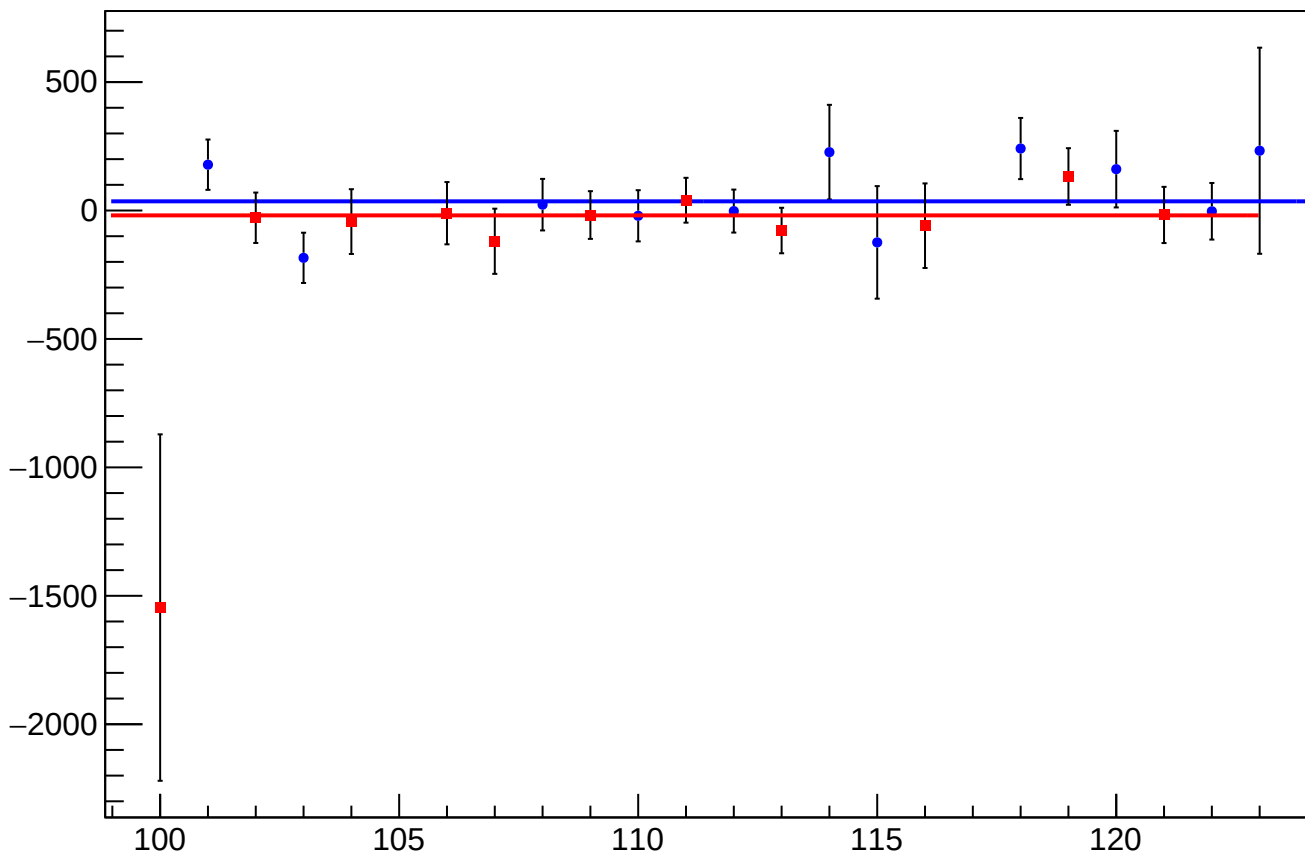
Right: 285.639+/-0.072 χ^2/NDF : 1791632.4/21

In: 294.392+/-0.108 χ^2/NDF :818468.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 285.639+/-0.072 χ^2/NDF : 1791632.4/21

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 35.777+/-35.228 χ^2/NDF : 13.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.923+/-33.774 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

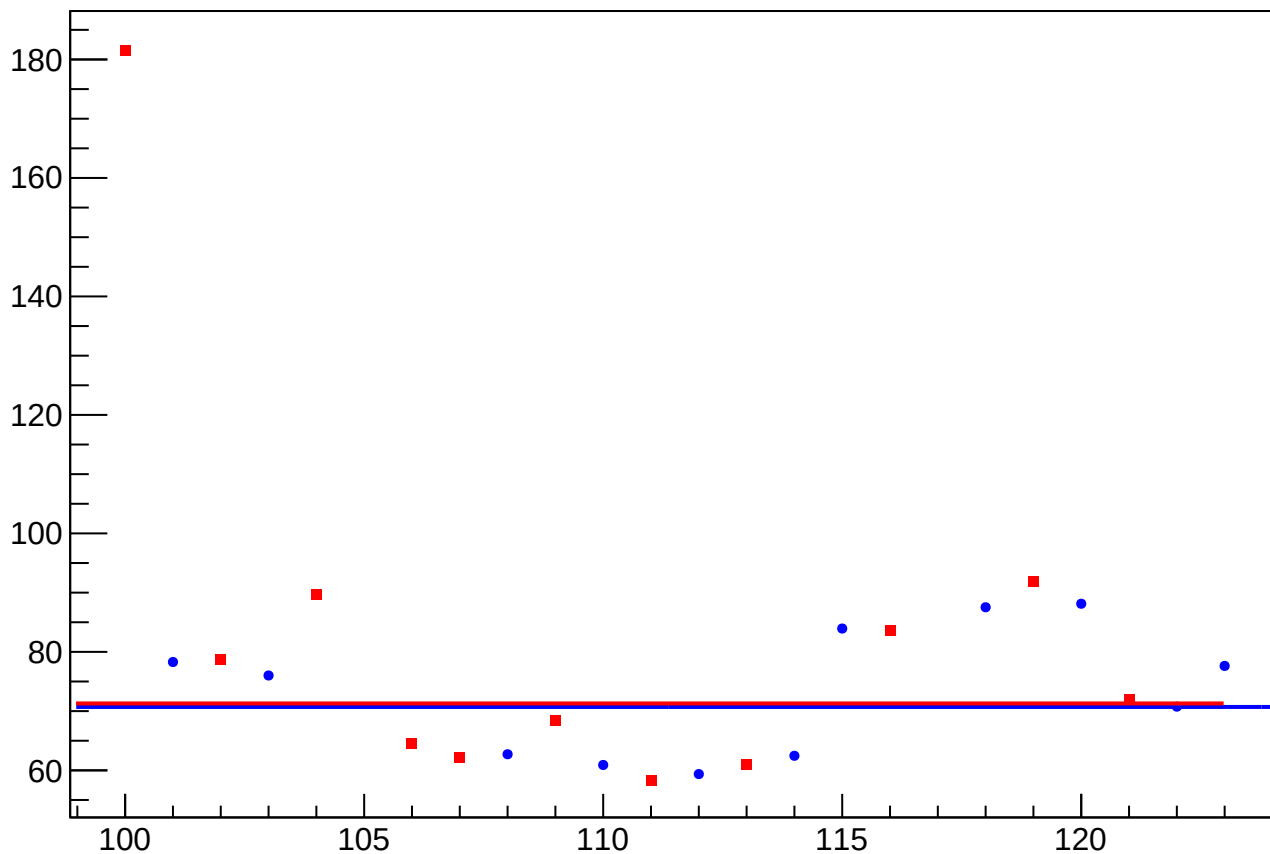
Right: 7.274+/-24.380 χ^2/NDF : 23.3/21

In: 35.777+/-35.228 χ^2/NDF : 13.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.274+/-24.380 χ^2/NDF : 23.3/21

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.704+/-0.025 χ^2/NDF : 165648.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.295+/-0.024 χ^2/NDF : 278959.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

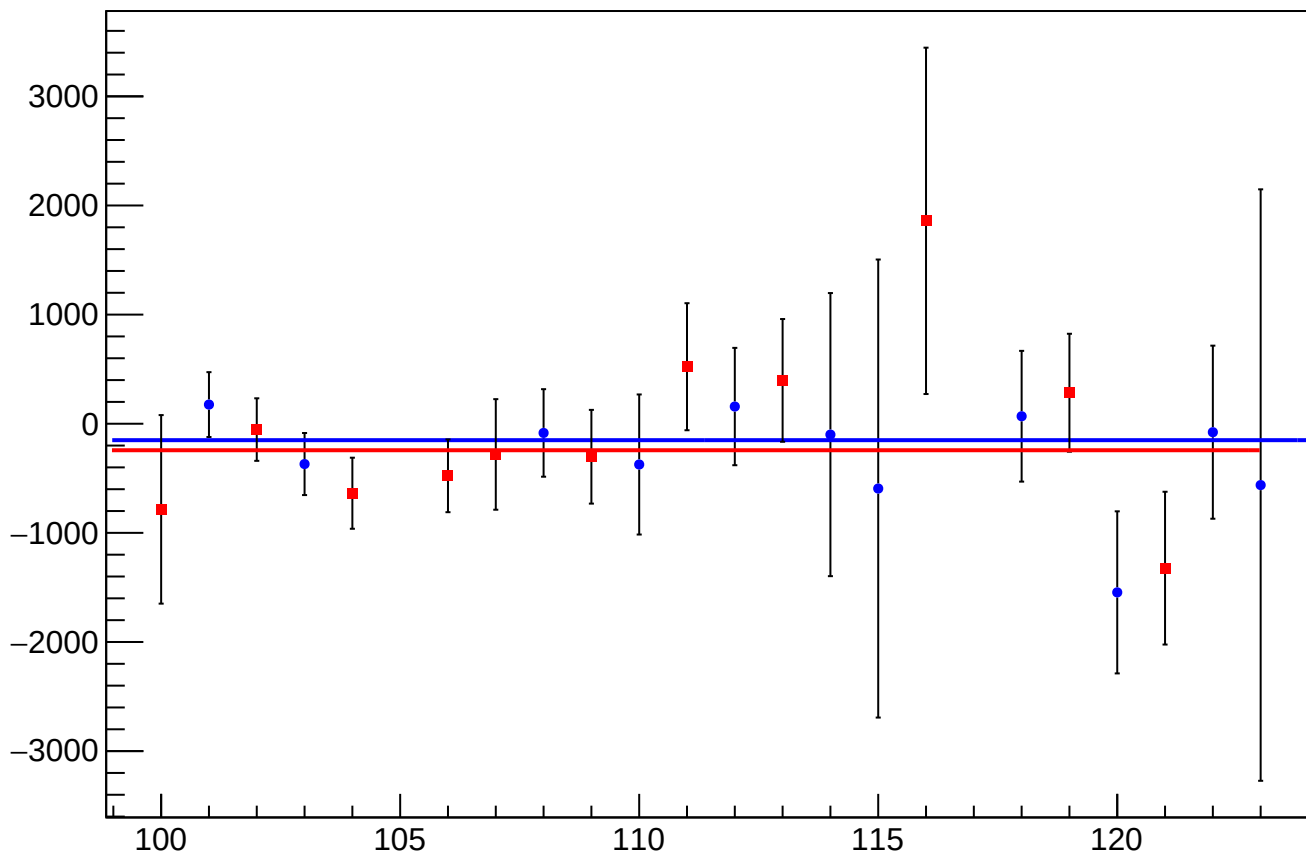
Right: 71.012+/-0.017 χ^2/NDF : 444900.6/21

In: 70.704+/-0.025 χ^2/NDF : 165648.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.012+/-0.017 χ^2/NDF : 444900.6/21

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.634+/-152.595 χ^2 /NDF: 6.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -242.886+/-137.041 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

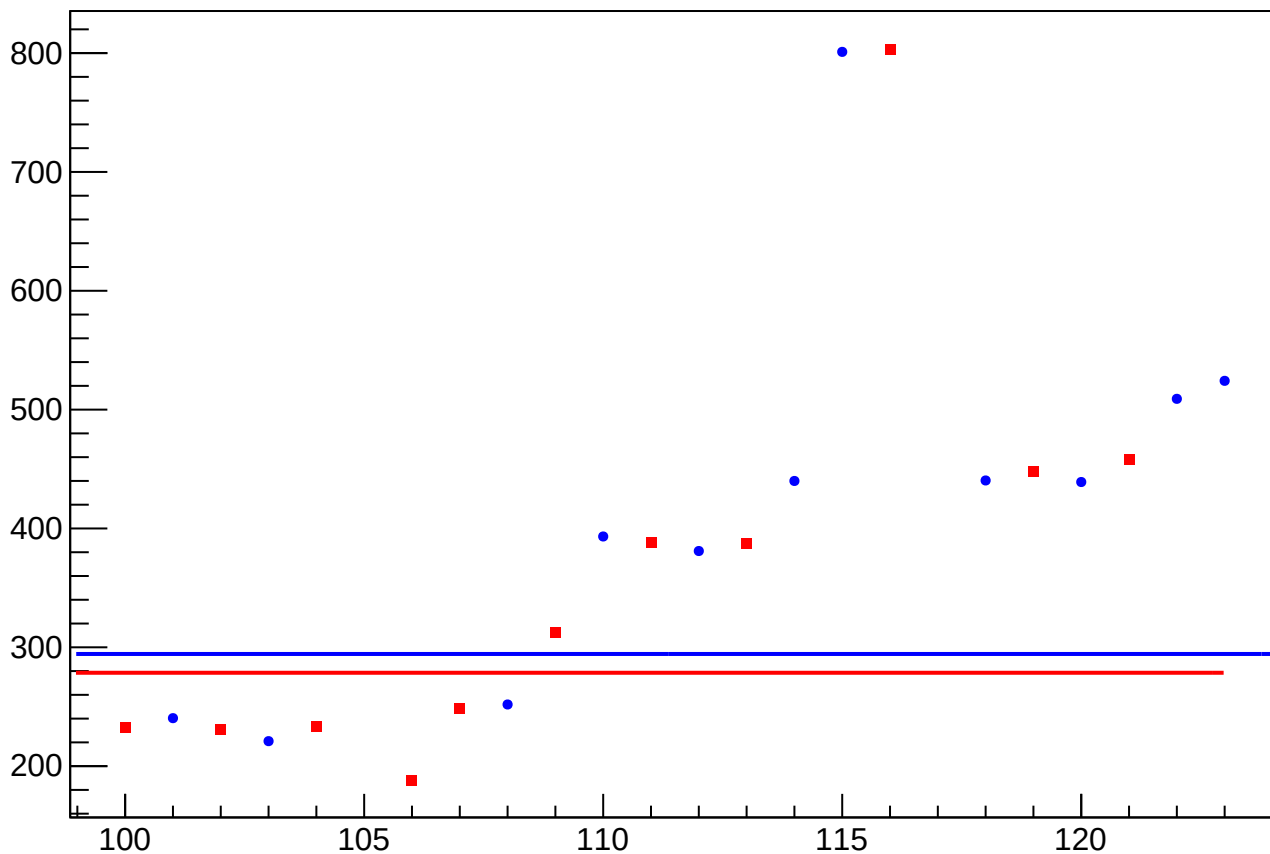
Right: -201.700+/-101.959 χ^2 /NDF: 17.1/21

In: -150.634+/-152.595 χ^2 /NDF:6.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -201.700+/-101.959 χ^2 /NDF: 17.1/21

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 294.392+/-0.108 χ^2/NDF : 818467.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.579+/-0.097 χ^2/NDF : 961274.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

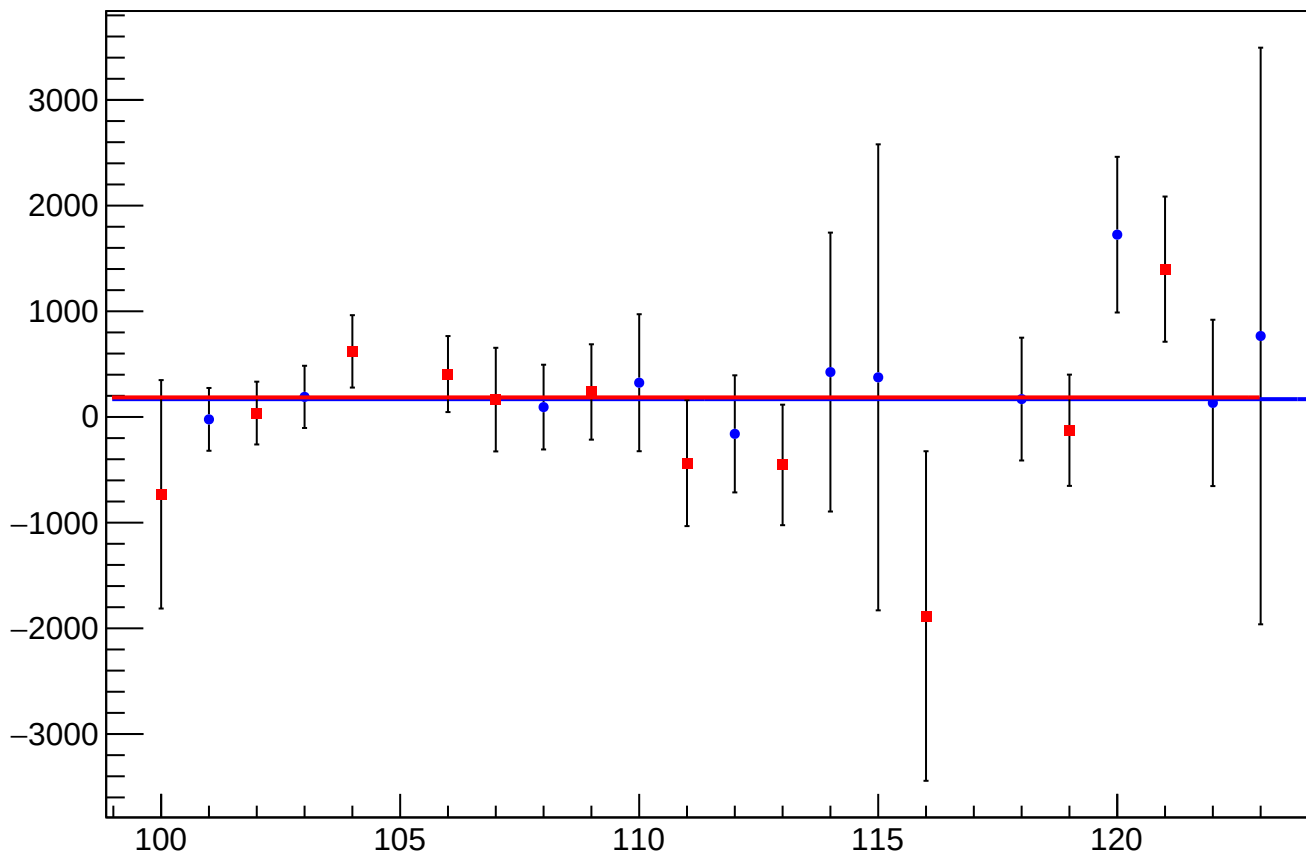
Right: 285.639+/-0.072 χ^2/NDF : 1791629.9/21

In: 294.392+/-0.108 χ^2/NDF : 818467.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.639+/-0.072 χ^2/NDF : 1791629.9/21

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 168.560 $\pm$ 154.182 χ^2 /NDF: 5.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 185.218 $\pm$ 142.069 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

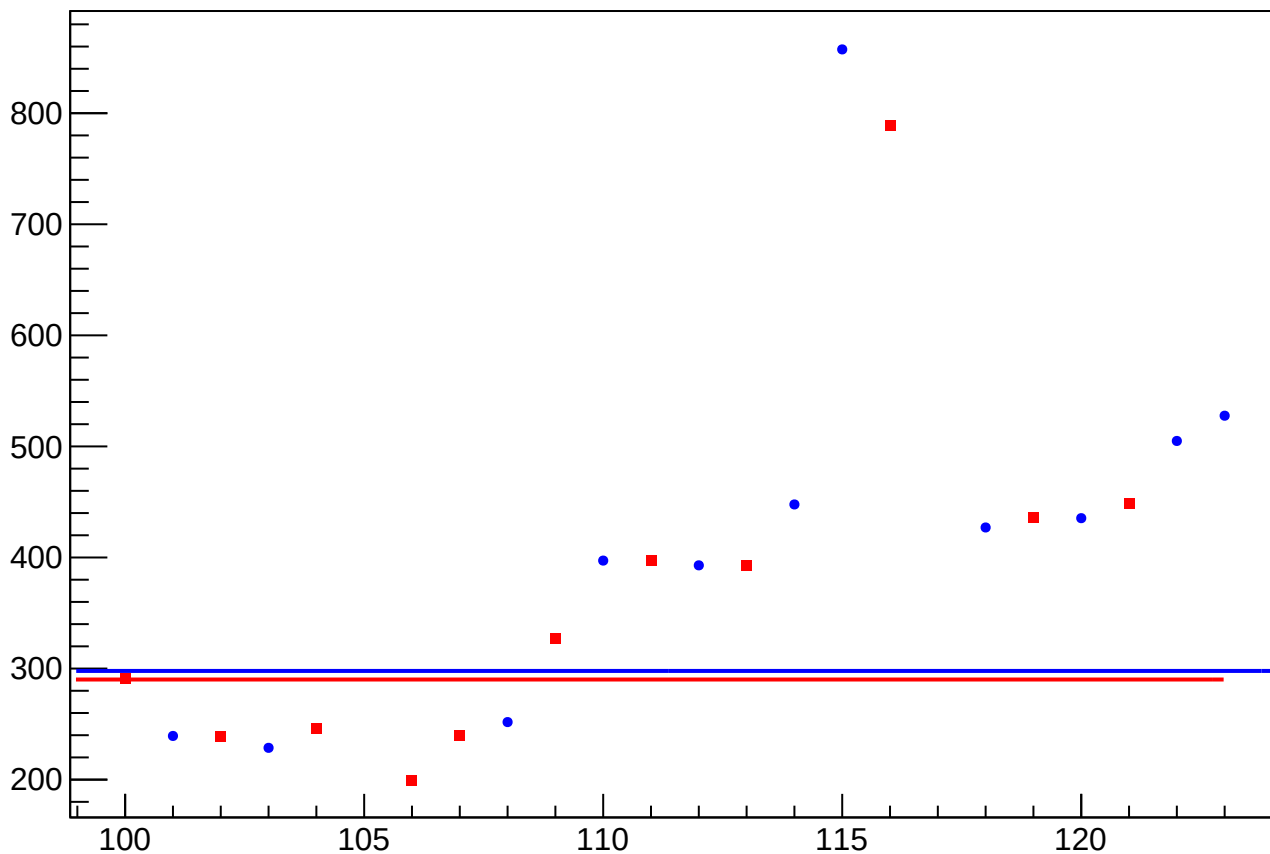
Right: 177.569 $\pm$ 104.478 χ^2 /NDF: 16.0/21

In: 168.560 $\pm$ 154.182 χ^2 /NDF:5.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 177.569 $\pm$ 104.478 χ^2 /NDF: 16.0/21

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 297.867+/-0.109 χ^2/NDF : 796402.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.141+/-0.100 χ^2/NDF : 849859.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

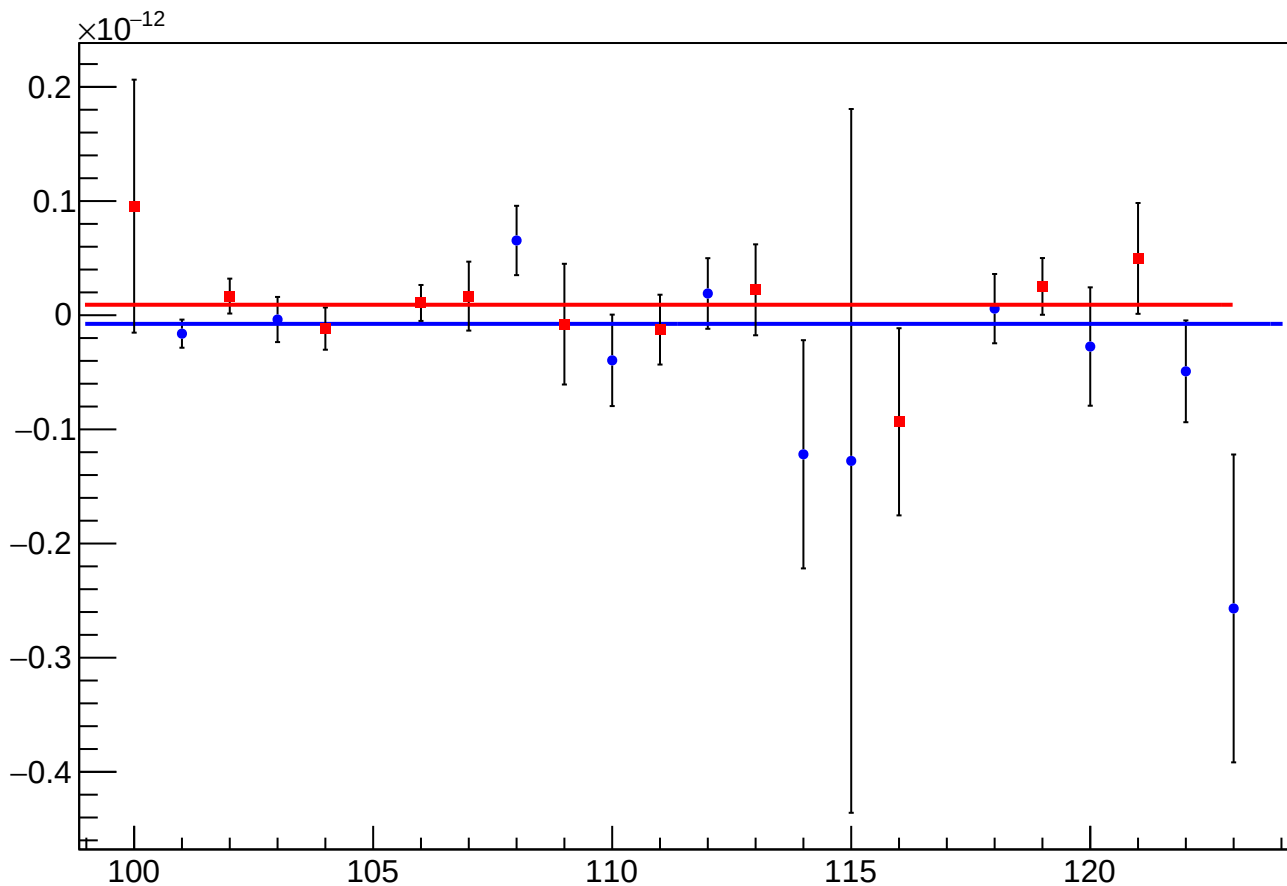
Right: 293.689+/-0.074 χ^2/NDF : 1648979.1/21

In: 297.867+/-0.109 χ^2/NDF : 796402.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.689+/-0.074 χ^2/NDF : 1648979.1/21

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

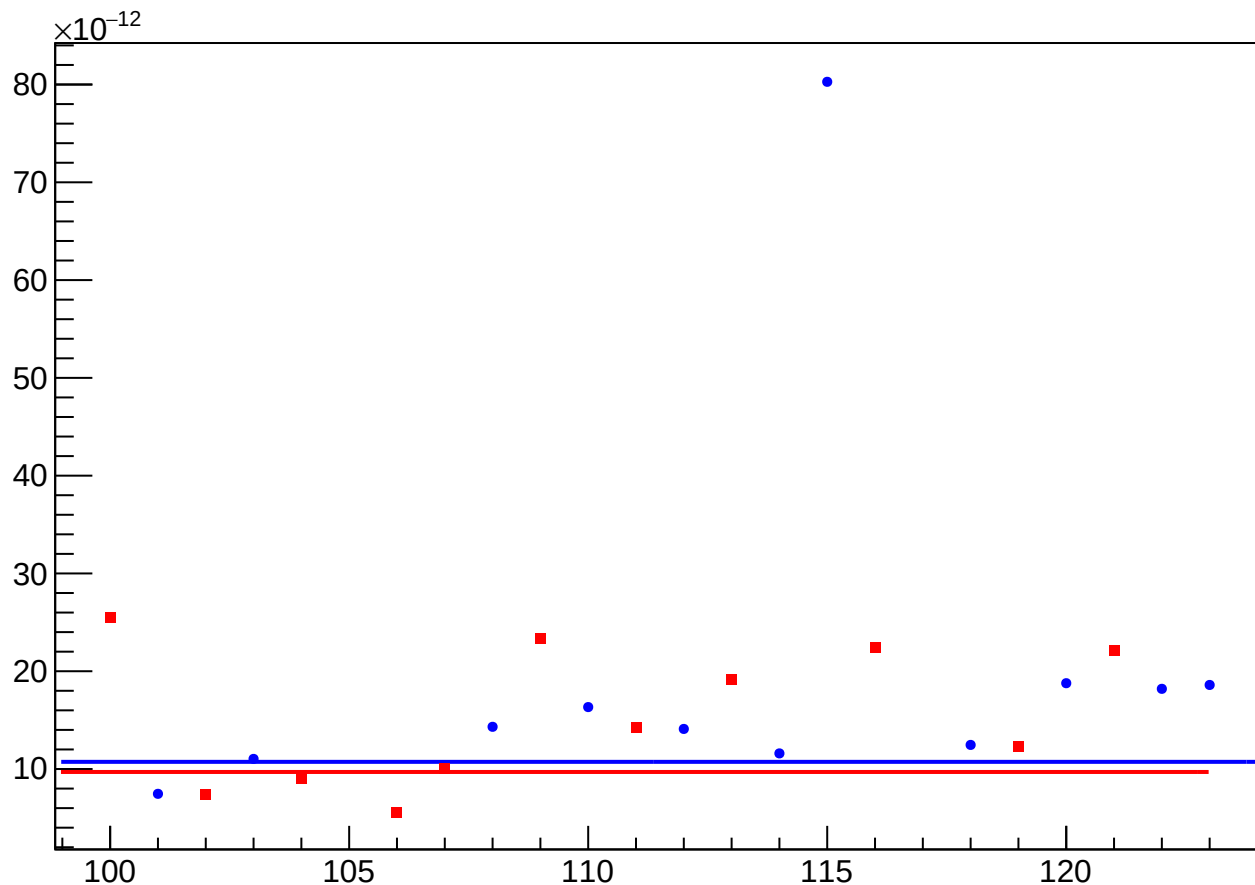
Right: 0.000+/-0.000 χ^2/NDF : 21.5/21

In: -0.000+/-0.000 χ^2/NDF : 13.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.5/21

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 451492.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 721446.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

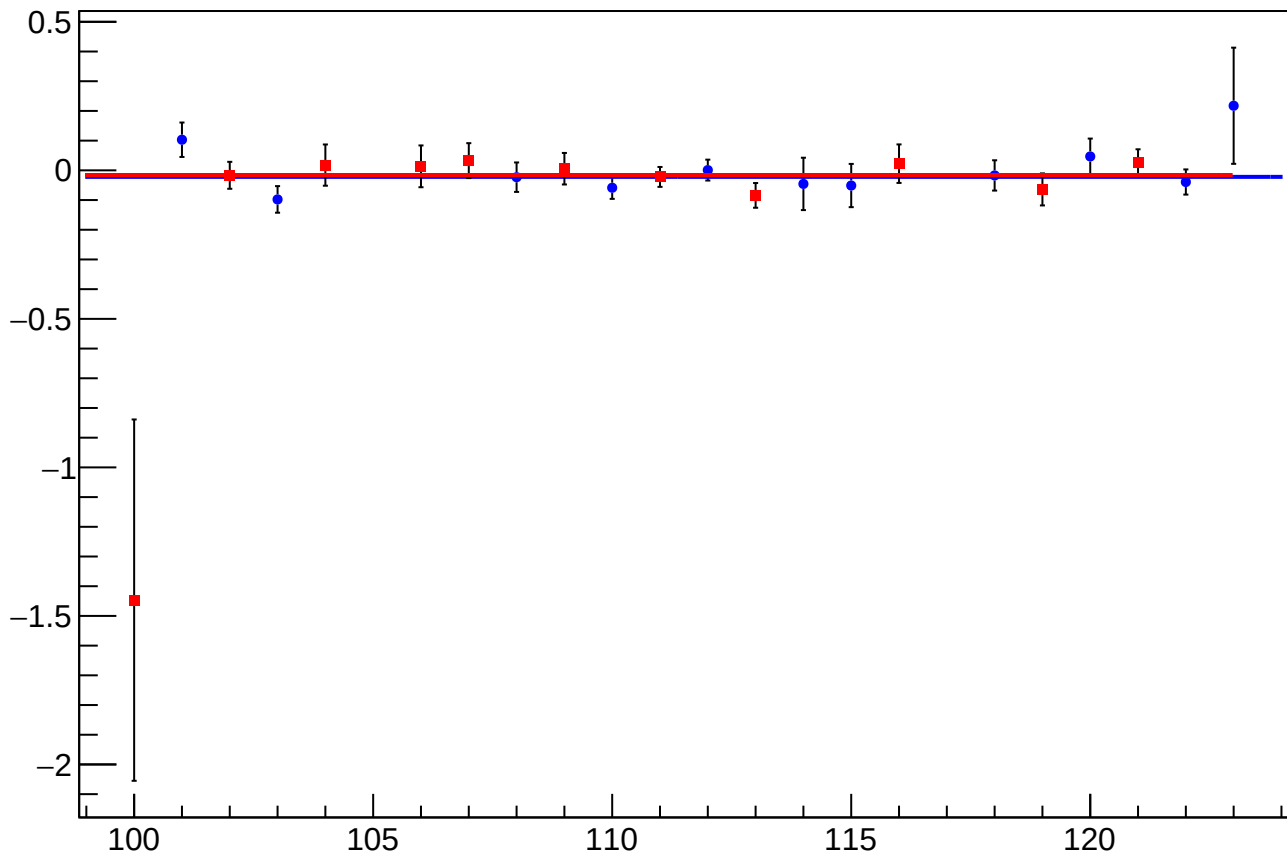
Right: 0.000+/-0.000 χ^2/NDF : 1189259.4/21

In: 0.000+/-0.000 χ^2/NDF : 451492.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1189259.4/21

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.015 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 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

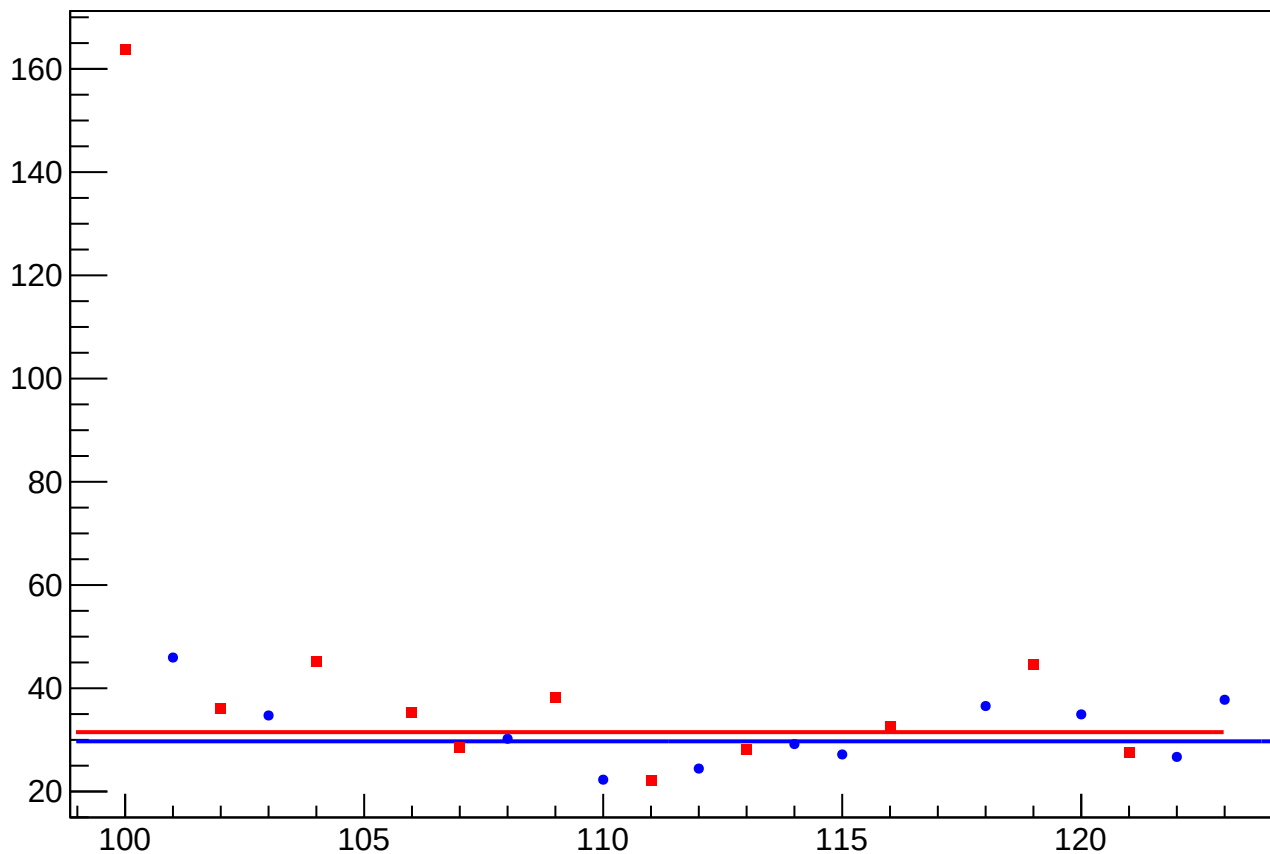
Right: -0.019+/-0.011 χ^2/NDF : 23.9/21

In: -0.022+/-0.015 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.011 χ^2/NDF : 23.9/21

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.720 $\pm$ 0.011 χ^2 /NDF: 373382.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.498 $\pm$ 0.011 χ^2 /NDF: 541275.1/10

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

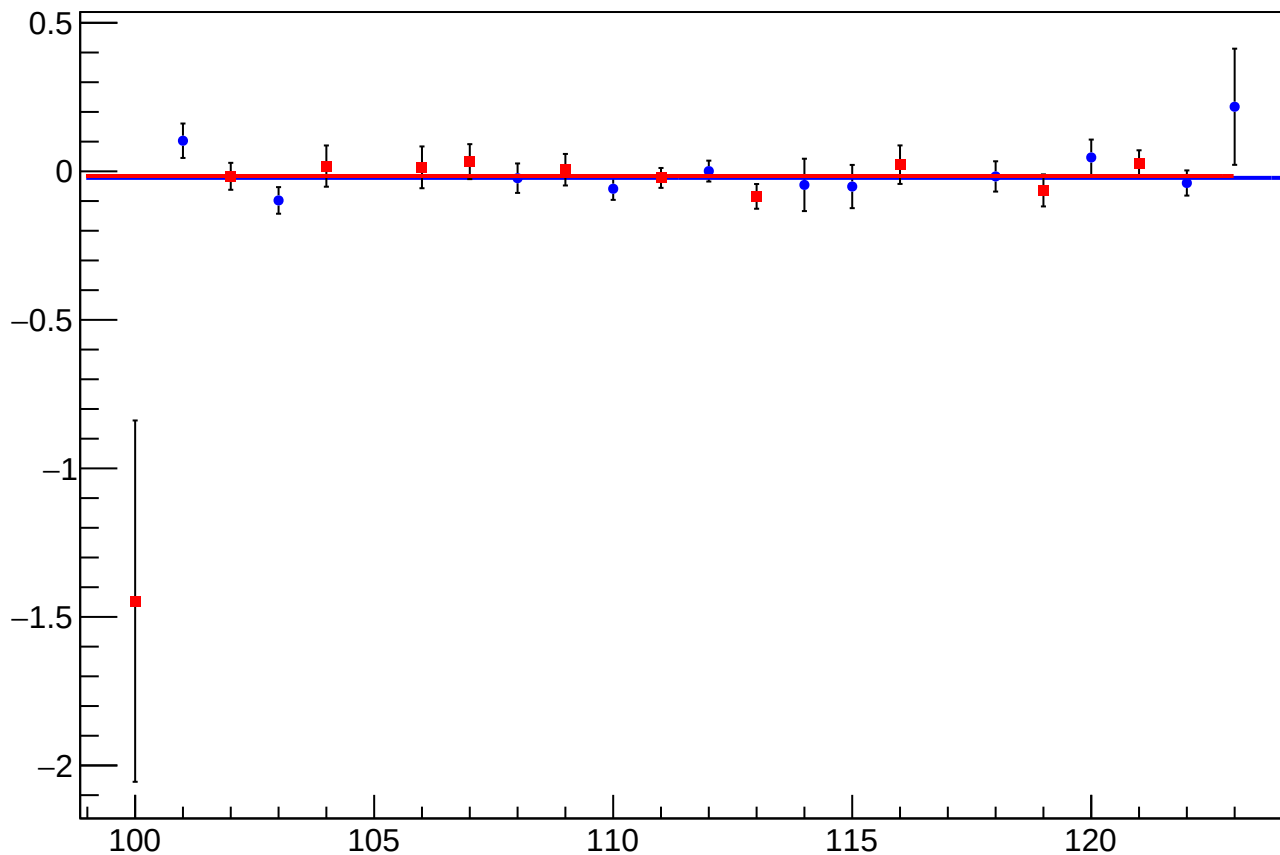
Right: 30.592 $\pm$ 0.008 χ^2 /NDF: 927952.3/21

In: 29.720 $\pm$ 0.011 χ^2 /NDF:373382.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.592 $\pm$ 0.008 χ^2 /NDF: 927952.3/21

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.015 χ^2 /NDF: 12.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.016+/-0.016 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

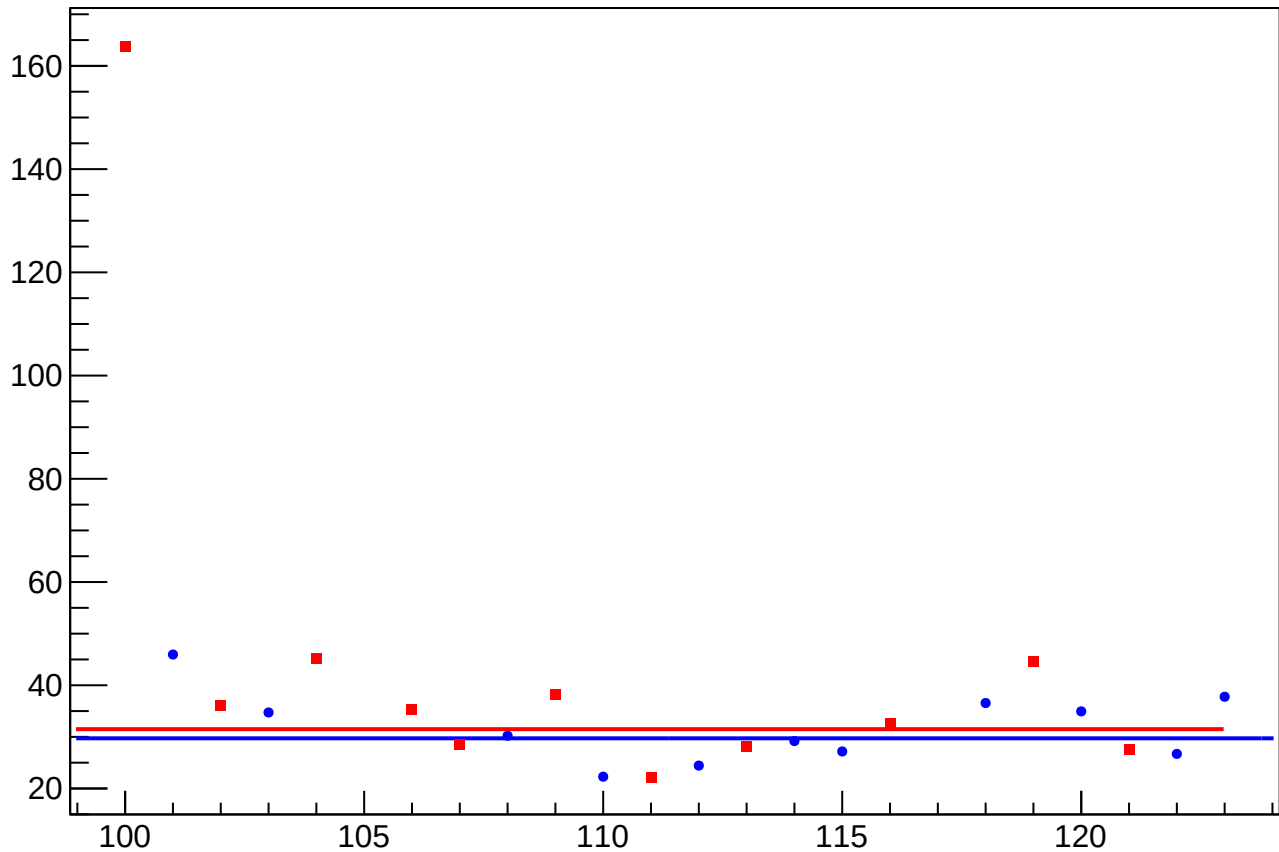
Right: -0.019+/-0.011 χ^2 /NDF: 23.9/21

In: -0.022+/-0.015 χ^2 /NDF:12.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.019+/-0.011 χ^2 /NDF: 23.9/21

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.720 $\pm$ 0.011 χ^2 /NDF: 373382.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.498 $\pm$ 0.011 χ^2 /NDF: 541275.1/10

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

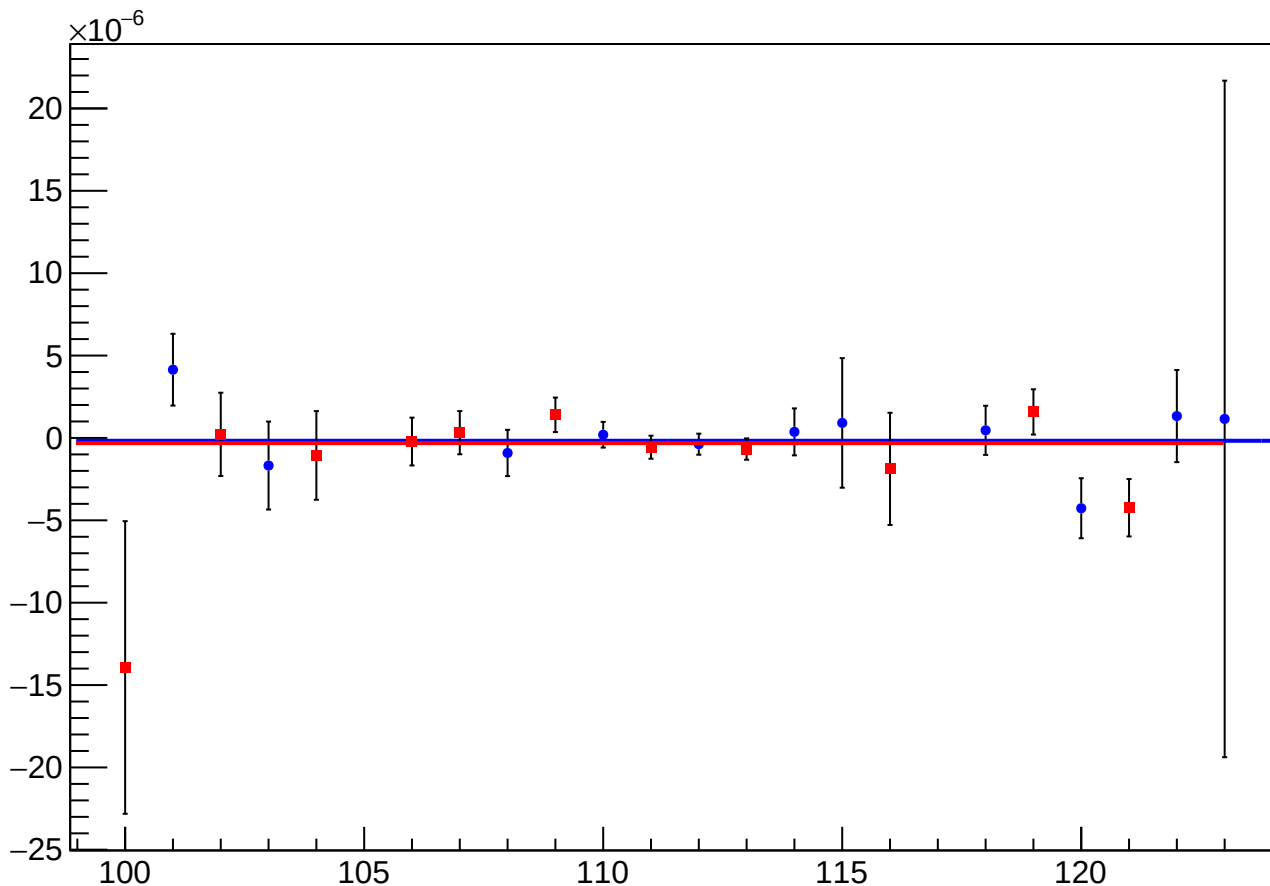
Right: 30.592 $\pm$ 0.008 χ^2 /NDF: 927952.3/21

In: 29.720 $\pm$ 0.011 χ^2 /NDF:373382.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.592 $\pm$ 0.008 χ^2 /NDF: 927952.3/21

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

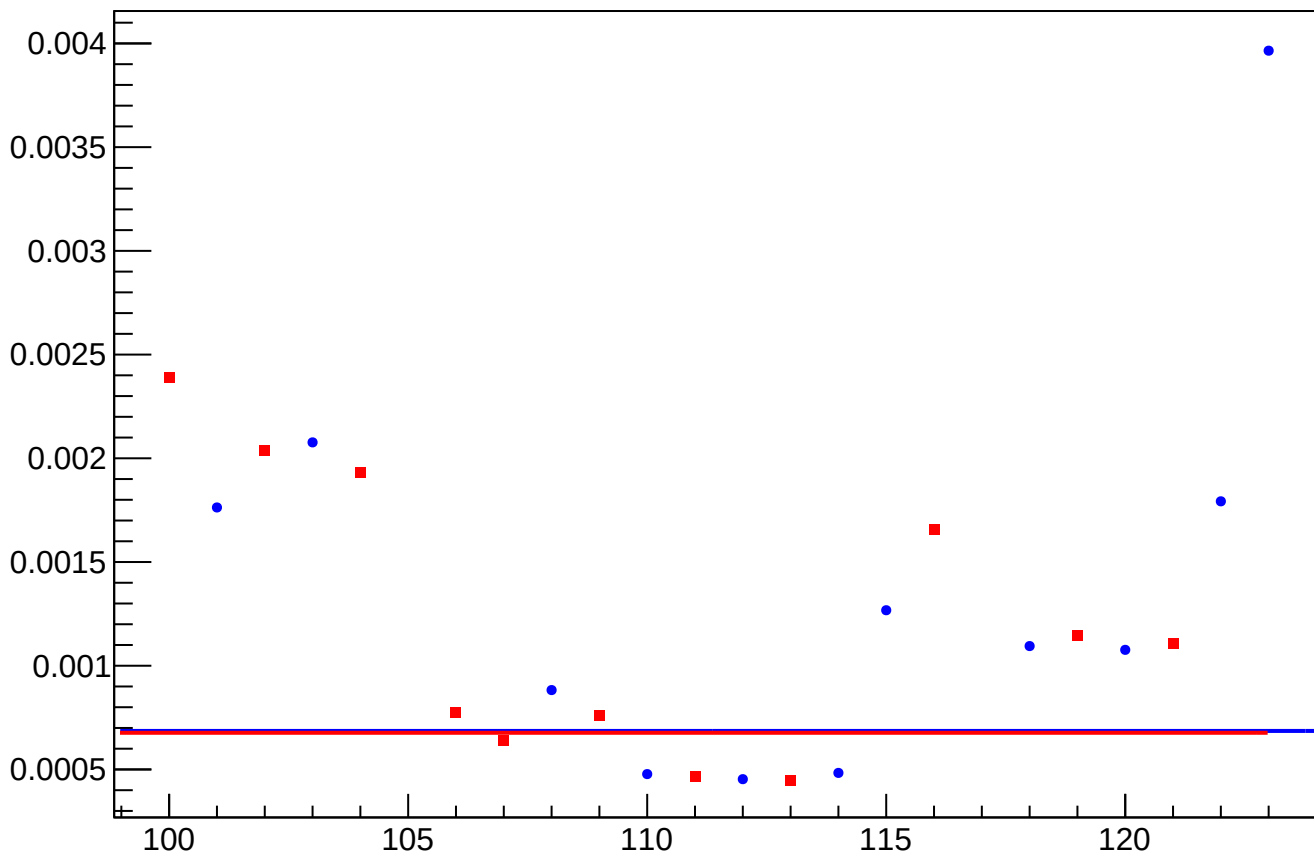
Right: -0.000+/-0.000 χ^2/NDF : 23.7/21

In: -0.000+/-0.000 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/21

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2170479.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2063450.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

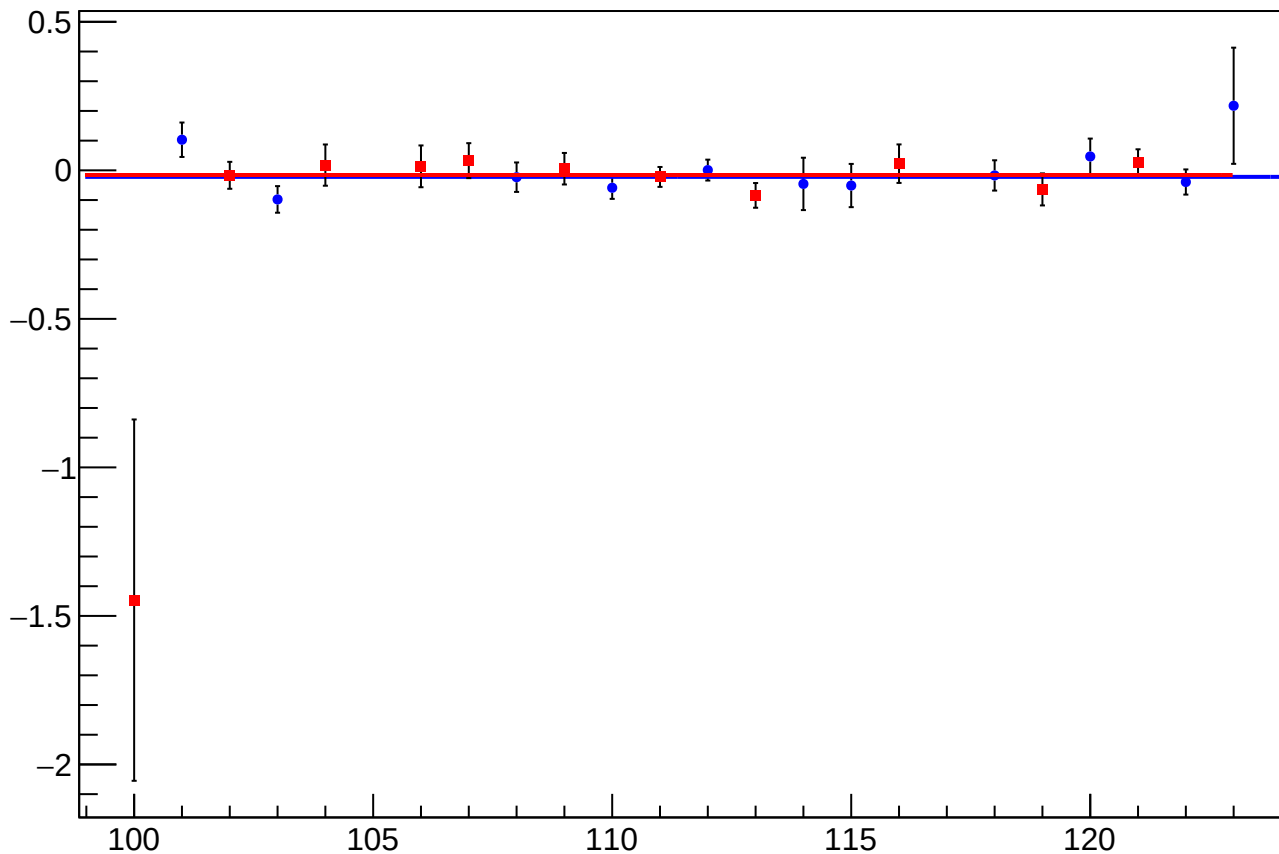
Right: 0.001+/-0.000 χ^2/NDF : 4234481.0/21

In: 0.001+/-0.000 χ^2/NDF : 2170479.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4234481.0/21

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.015 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 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

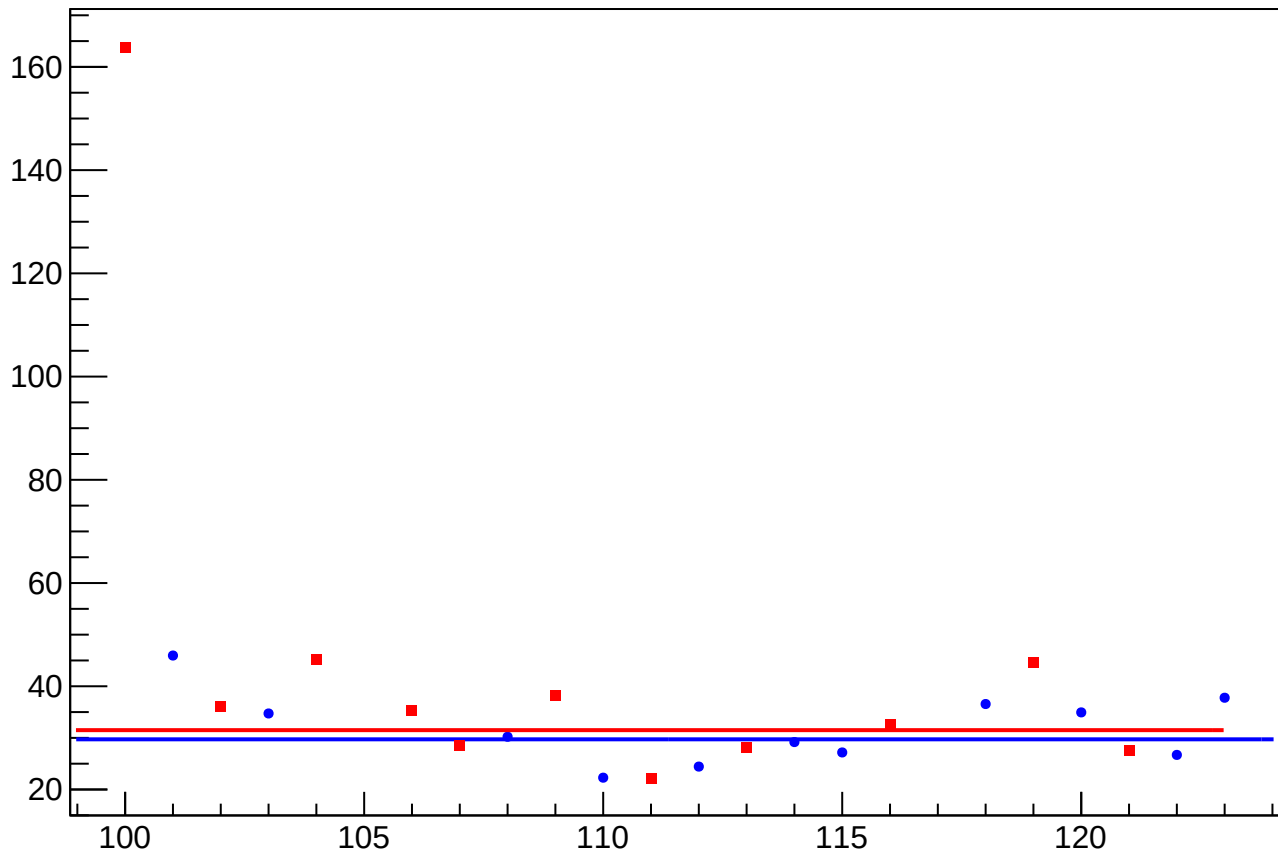
Right: -0.019+/-0.011 χ^2/NDF : 23.9/21

In: -0.022+/-0.015 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.011 χ^2/NDF : 23.9/21

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.721+/-0.011 χ^2/NDF : 373380.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.498+/-0.011 χ^2/NDF : 541269.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

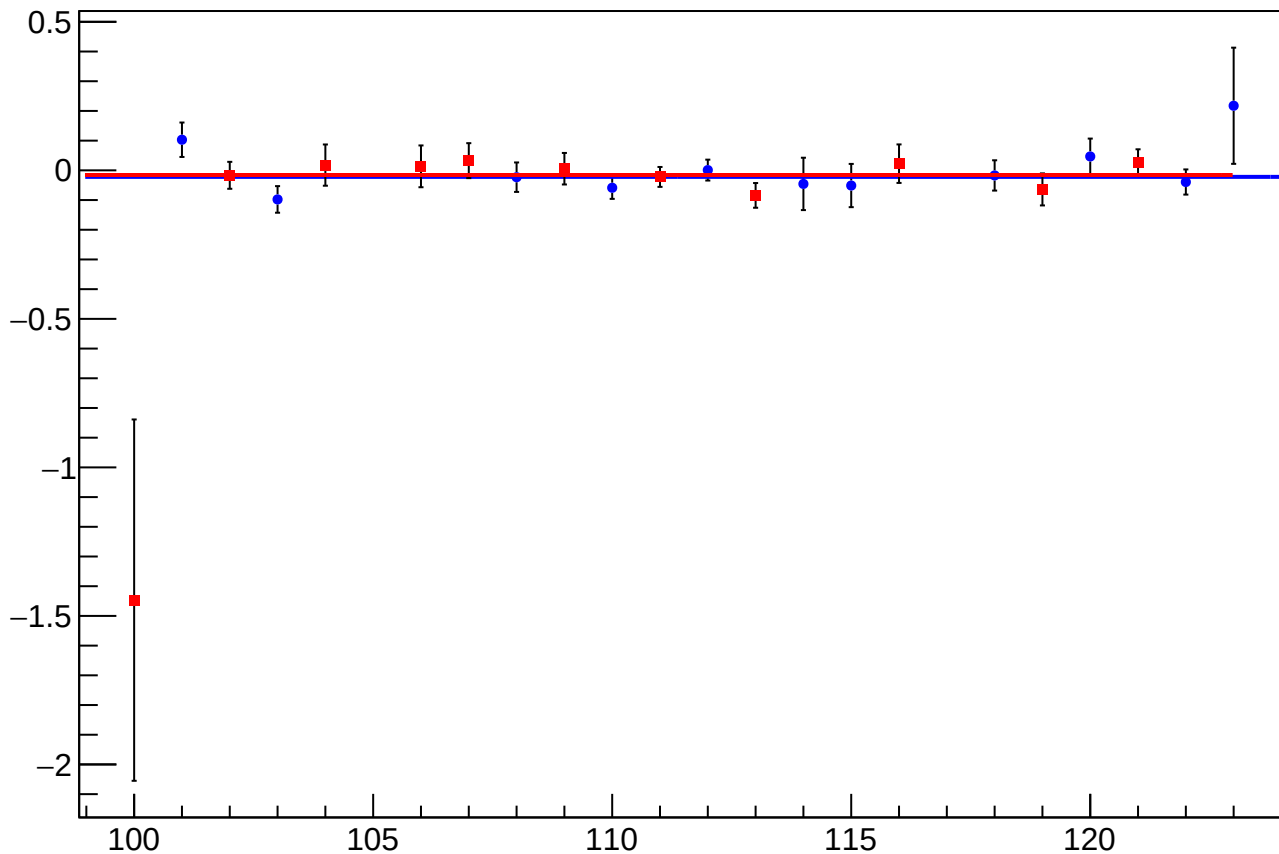
Right: 30.593+/-0.008 χ^2/NDF : 927945.4/21

In: 29.721+/-0.011 χ^2/NDF : 373380.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.593+/-0.008 χ^2/NDF : 927945.4/21

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.015 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.016 χ^2 /NDF: 11.7/10

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

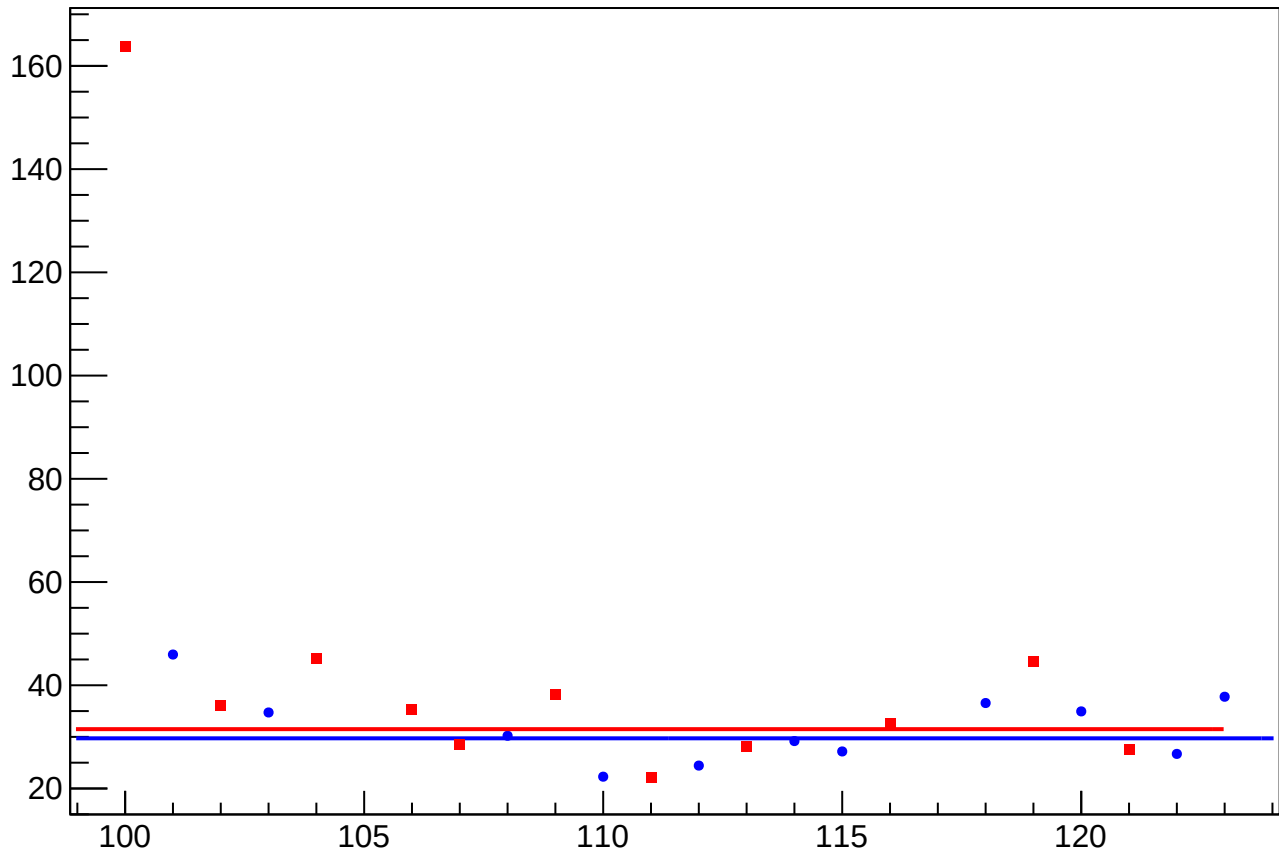
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 23.9/21

In: -0.022 $\pm$ 0.015 χ^2 /NDF:12.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 23.9/21

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.721+/-0.011 χ^2/NDF : 373380.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.498+/-0.011 χ^2/NDF : 541269.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

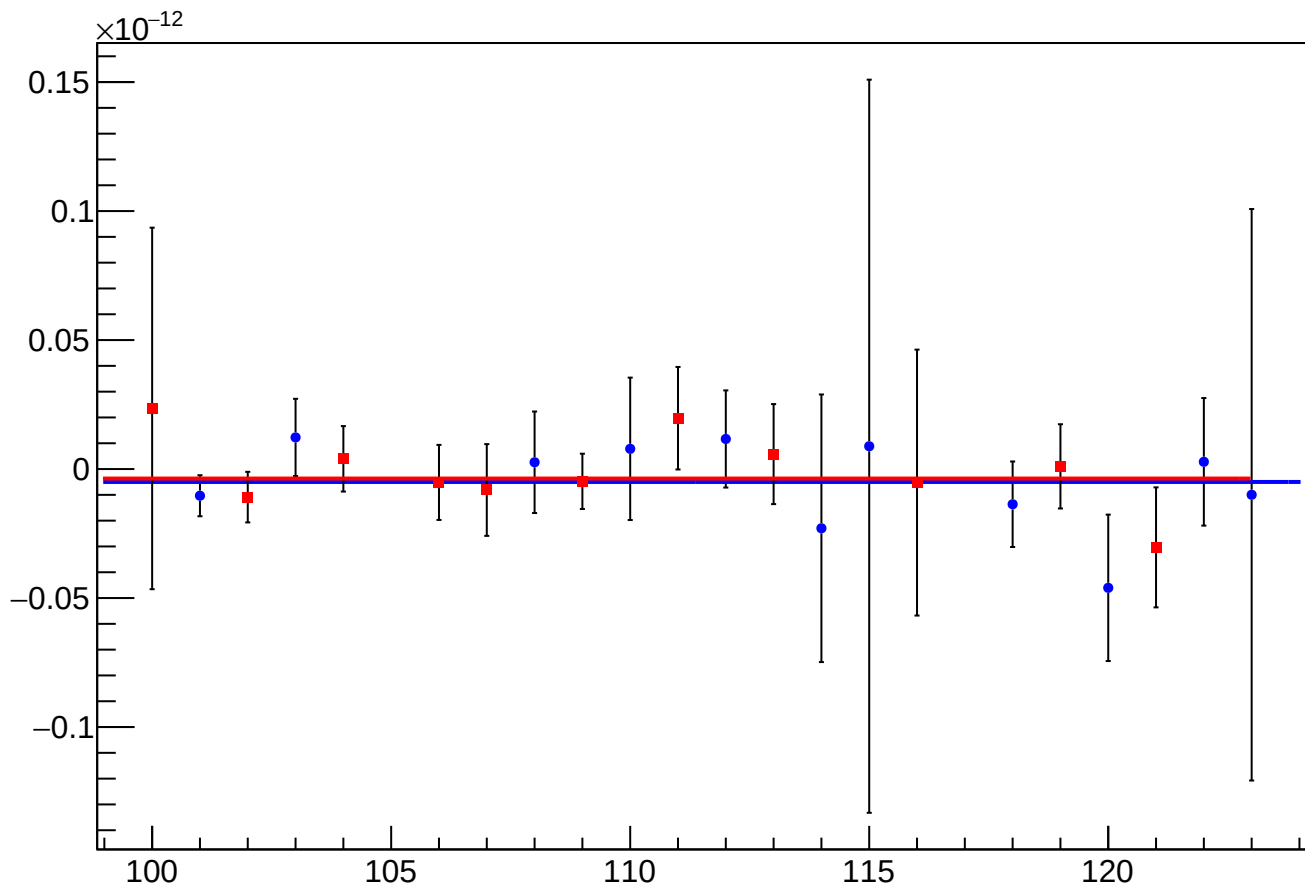
Right: 30.593+/-0.008 χ^2/NDF : 927945.4/21

In: 29.721+/-0.011 χ^2/NDF : 373380.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.593+/-0.008 χ^2/NDF : 927945.4/21

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/10

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

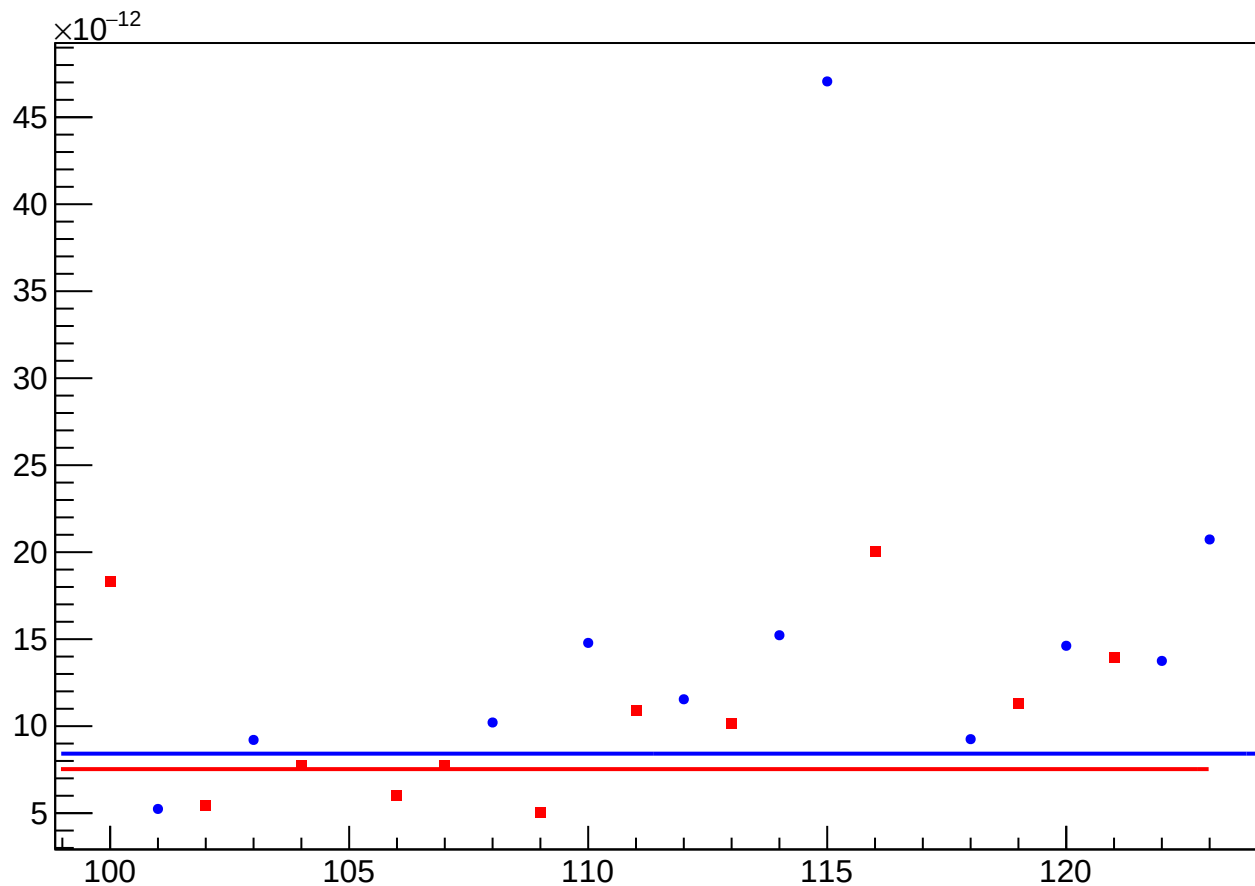
Right: -0.000+/-0.000 χ^2/NDF : 9.7/21

In: -0.000+/-0.000 χ^2/NDF :5.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/21

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 903368.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 741358.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

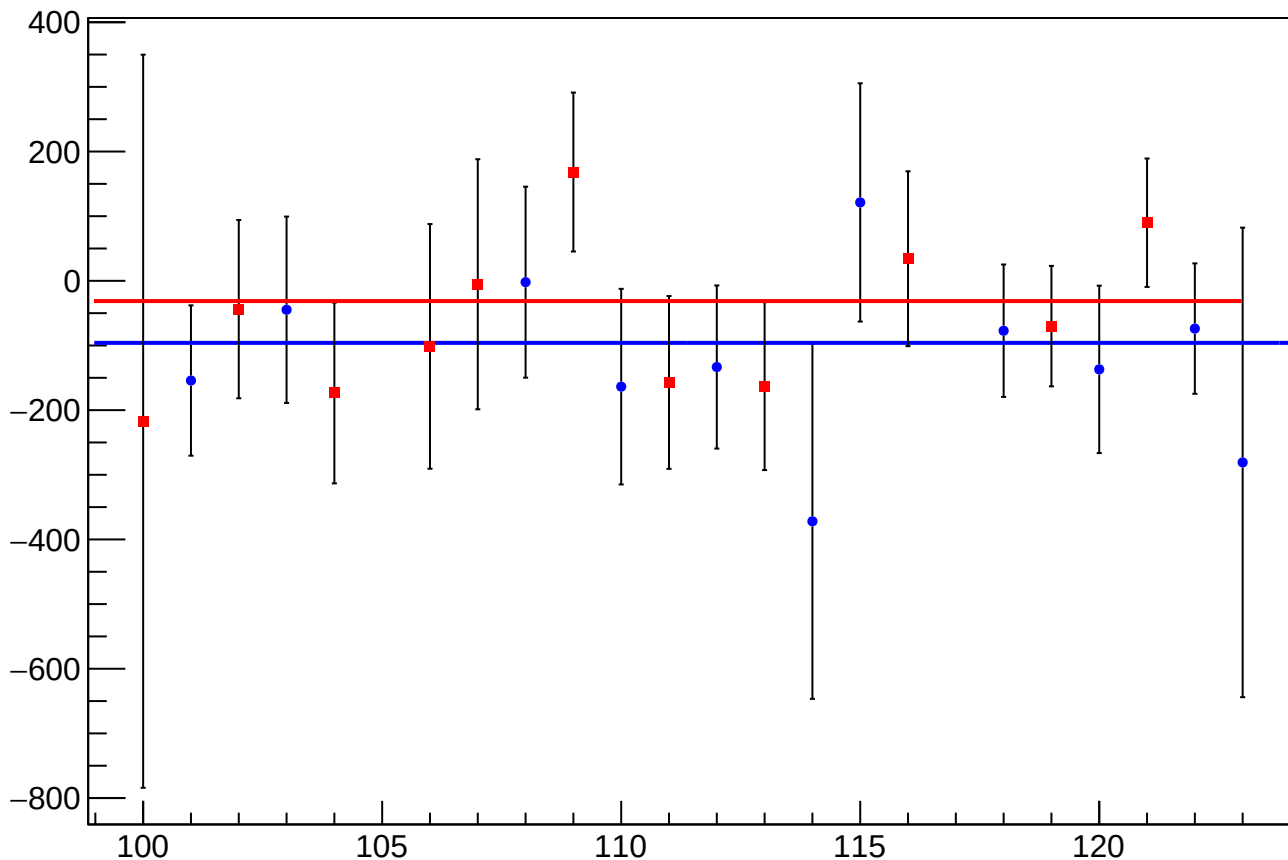
Right: 0.000+/-0.000 χ^2/NDF : 1675203.3/21

In: 0.000+/-0.000 χ^2/NDF : 903368.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1675203.3/21

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.946 ± 41.591 χ^2/NDF : 3.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.293 ± 40.349 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

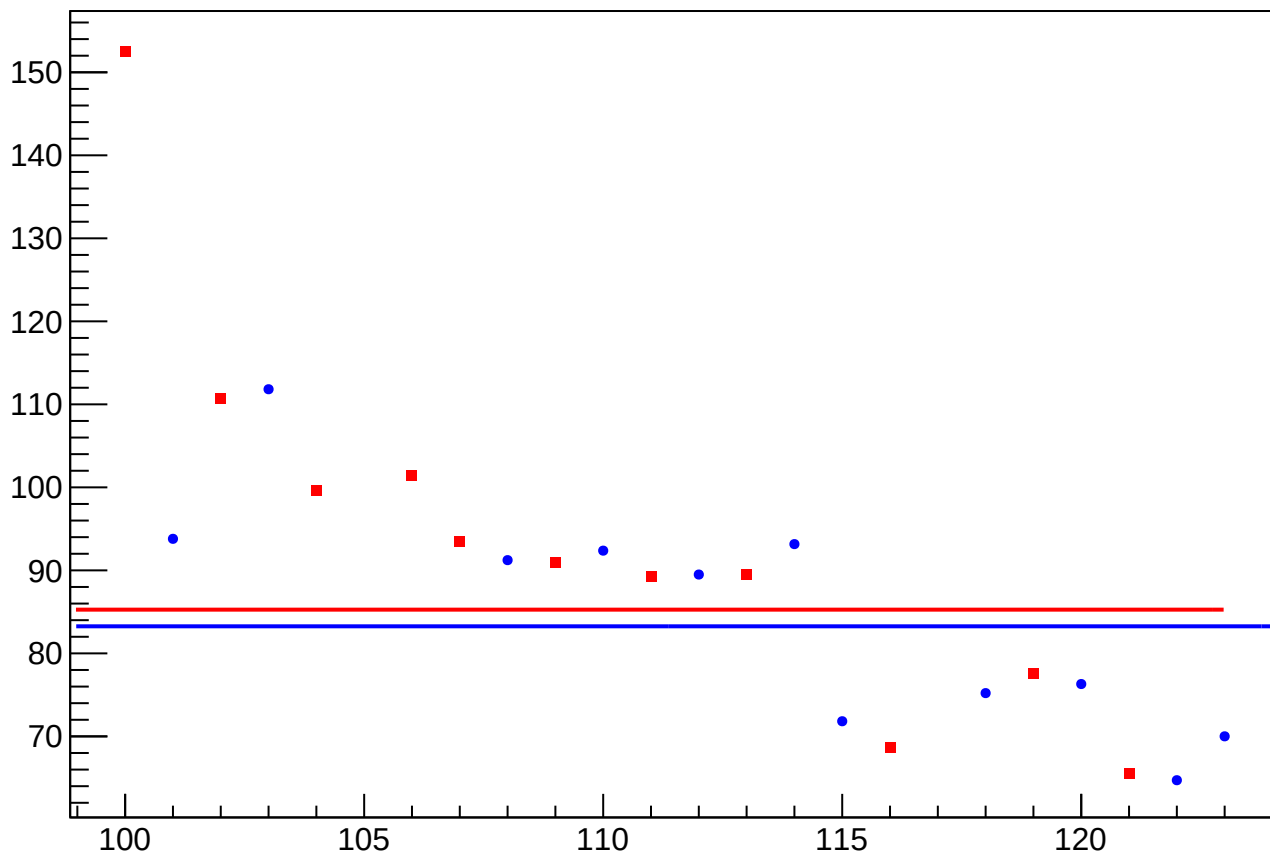
Right: -62.639 ± 28.960 χ^2/NDF : 12.9/21

In: -95.946 ± 41.591 χ^2/NDF : 3.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.639 ± 28.960 χ^2/NDF : 12.9/21

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 83.260+/-0.029 χ^2/NDF : 211631.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.268+/-0.029 χ^2/NDF : 266197.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

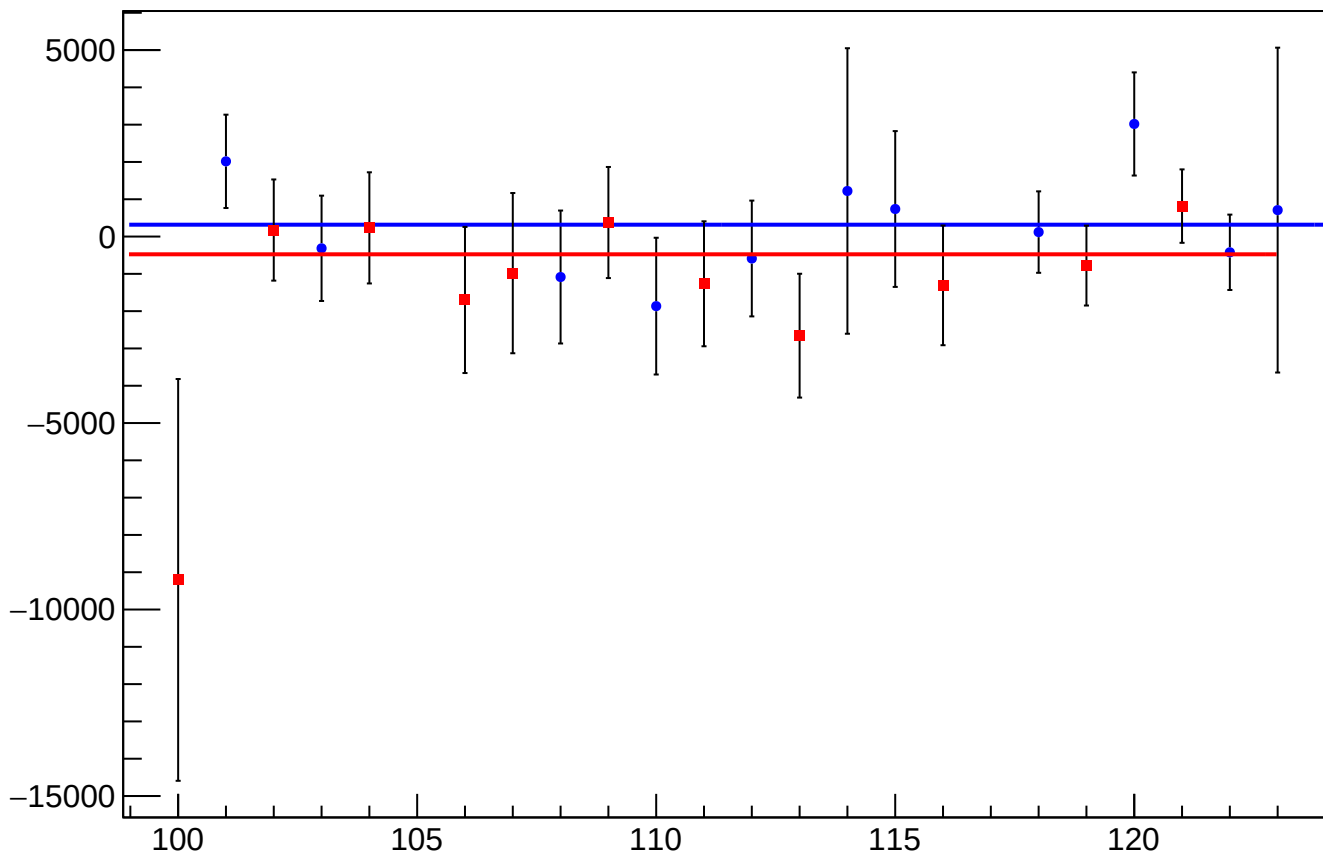
Right: 84.295+/-0.020 χ^2/NDF : 480230.2/21

In: 83.260+/-0.029 χ^2/NDF : 211631.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.295+/-0.020 χ^2/NDF : 480230.2/21

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 317.906+/-453.643 χ^2 /NDF: 8.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -475.746+/-448.656 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

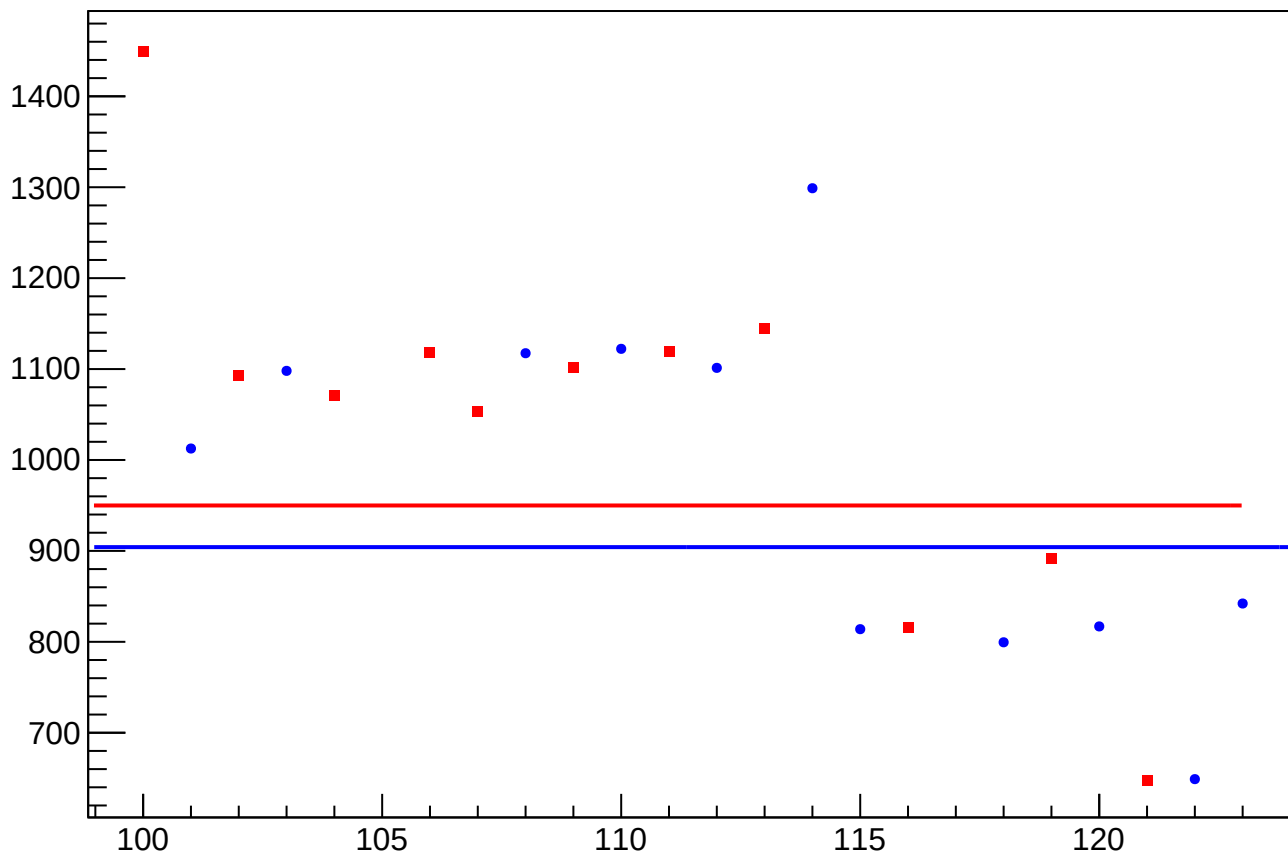
Right: -83.306+/-318.996 χ^2 /NDF: 18.3/21

In: 317.906+/-453.643 χ^2 /NDF:8.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -83.306+/-318.996 χ^2 /NDF: 18.3/21

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 904.163+/-0.321 χ^2/NDF : 321283.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 949.963+/-0.317 χ^2/NDF : 348866.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

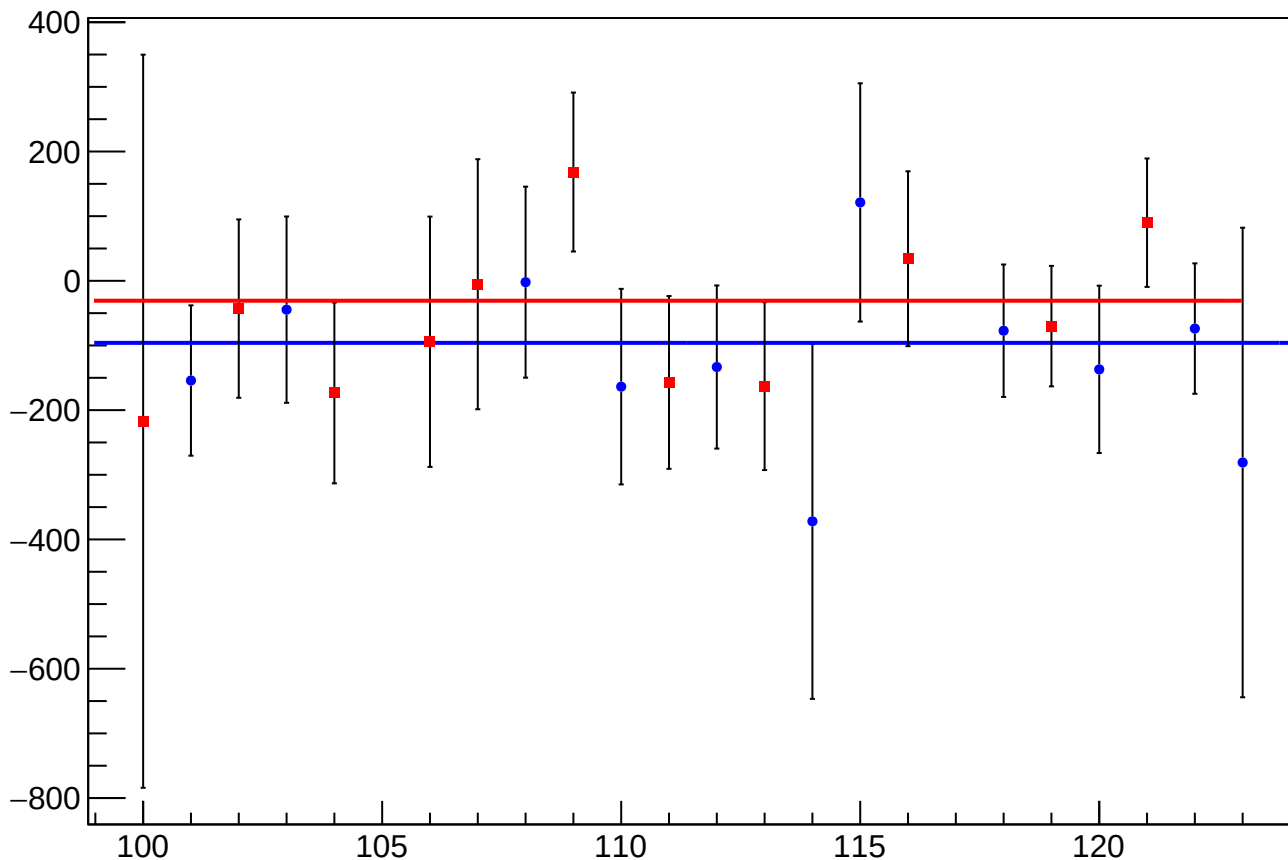
Right: 927.316+/-0.226 χ^2/NDF : 680455.1/21

In: 904.163+/-0.321 χ^2/NDF : 321283.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.316+/-0.226 χ^2/NDF : 680455.1/21

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.936 $\pm$ 41.591 χ^2 /NDF: 3.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.765 $\pm$ 40.392 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

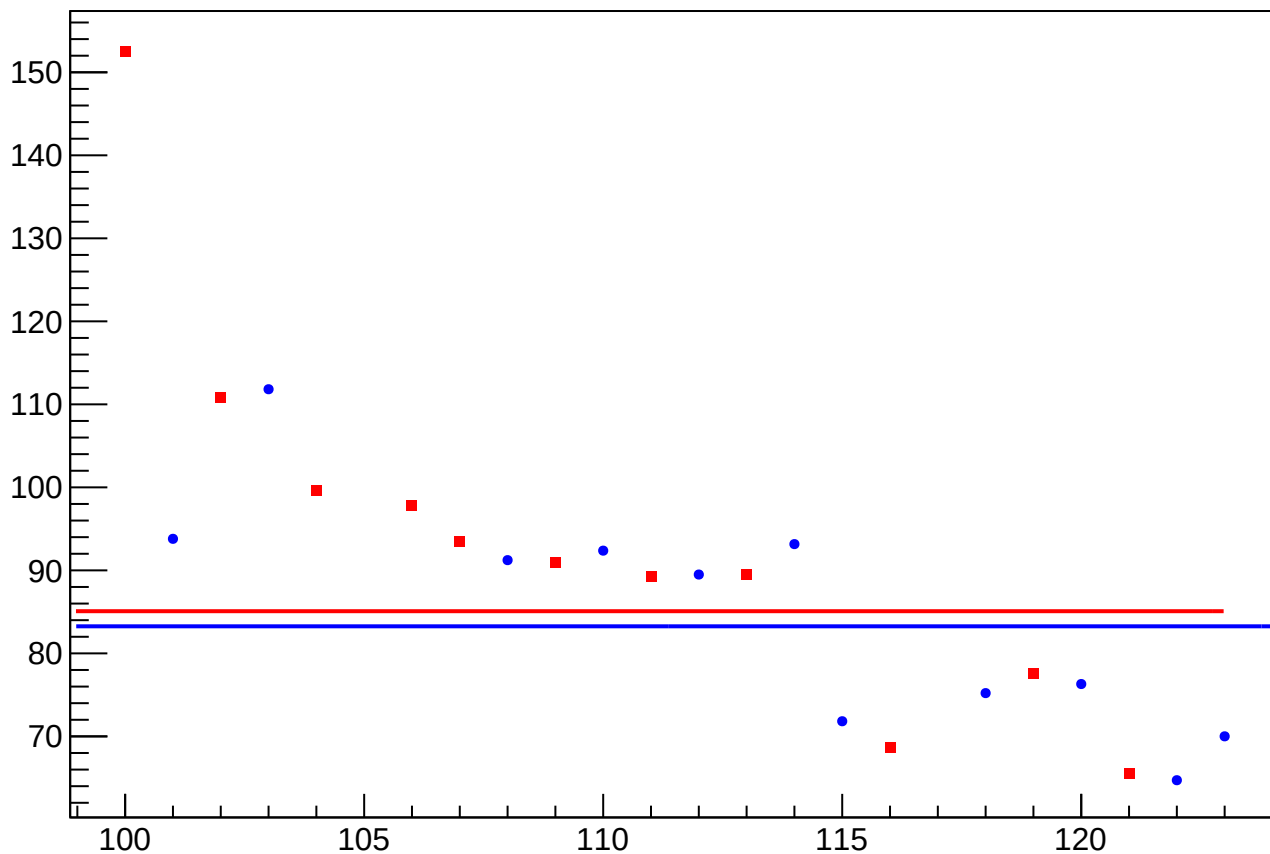
Right: -62.397 $\pm$ 28.976 χ^2 /NDF: 12.9/21

In: -95.936 $\pm$ 41.591 χ^2 /NDF:3.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.397 $\pm$ 28.976 χ^2 /NDF: 12.9/21

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 83.260 $\pm$ 0.029 χ^2 /NDF: 211633.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.081 $\pm$ 0.029 χ^2 /NDF: 260229.2/10

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

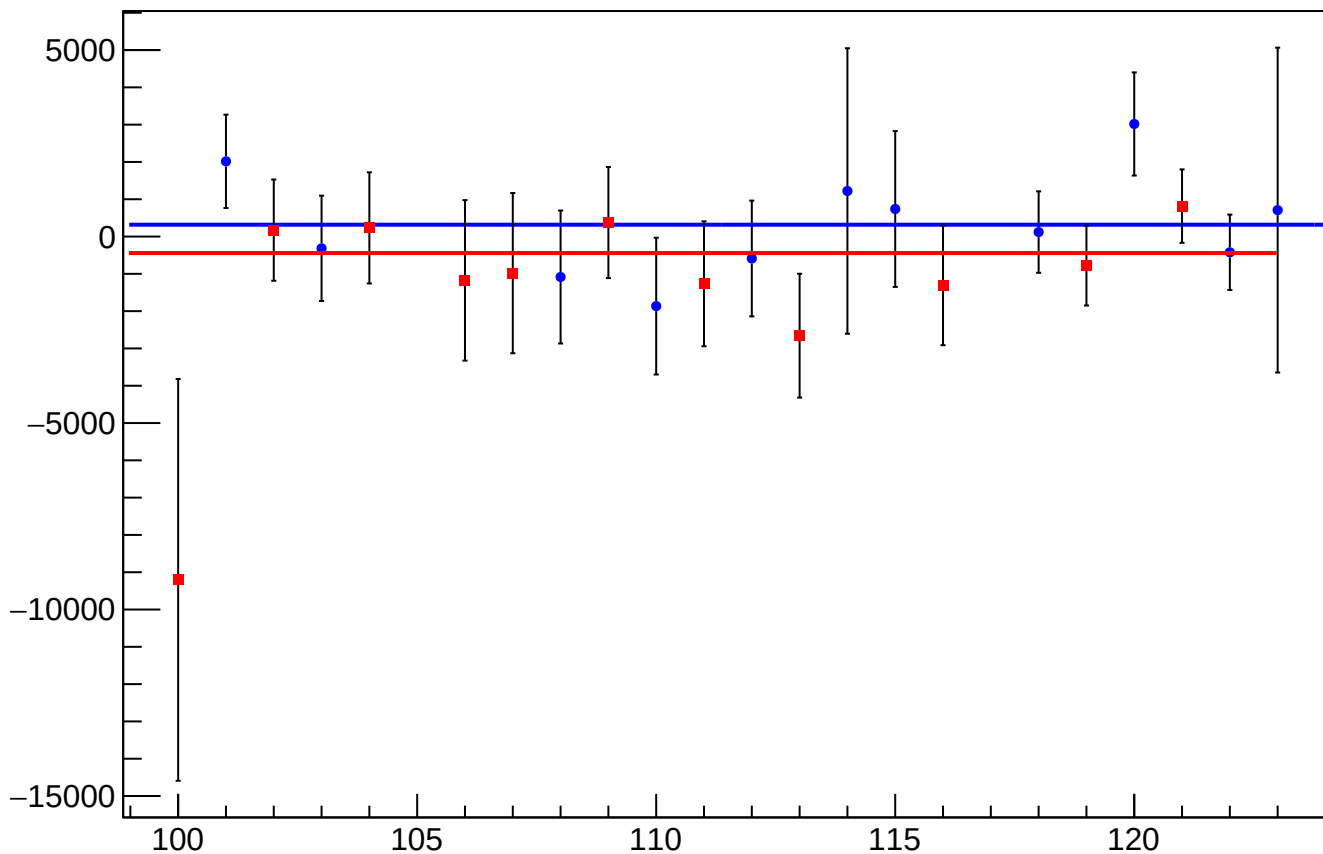
Right: 84.197 $\pm$ 0.020 χ^2 /NDF: 473835.4/21

In: 83.260 $\pm$ 0.029 χ^2 /NDF: 211633.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.197 $\pm$ 0.020 χ^2 /NDF: 473835.4/21

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 317.858+/-453.646 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -441.962+/-450.719 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

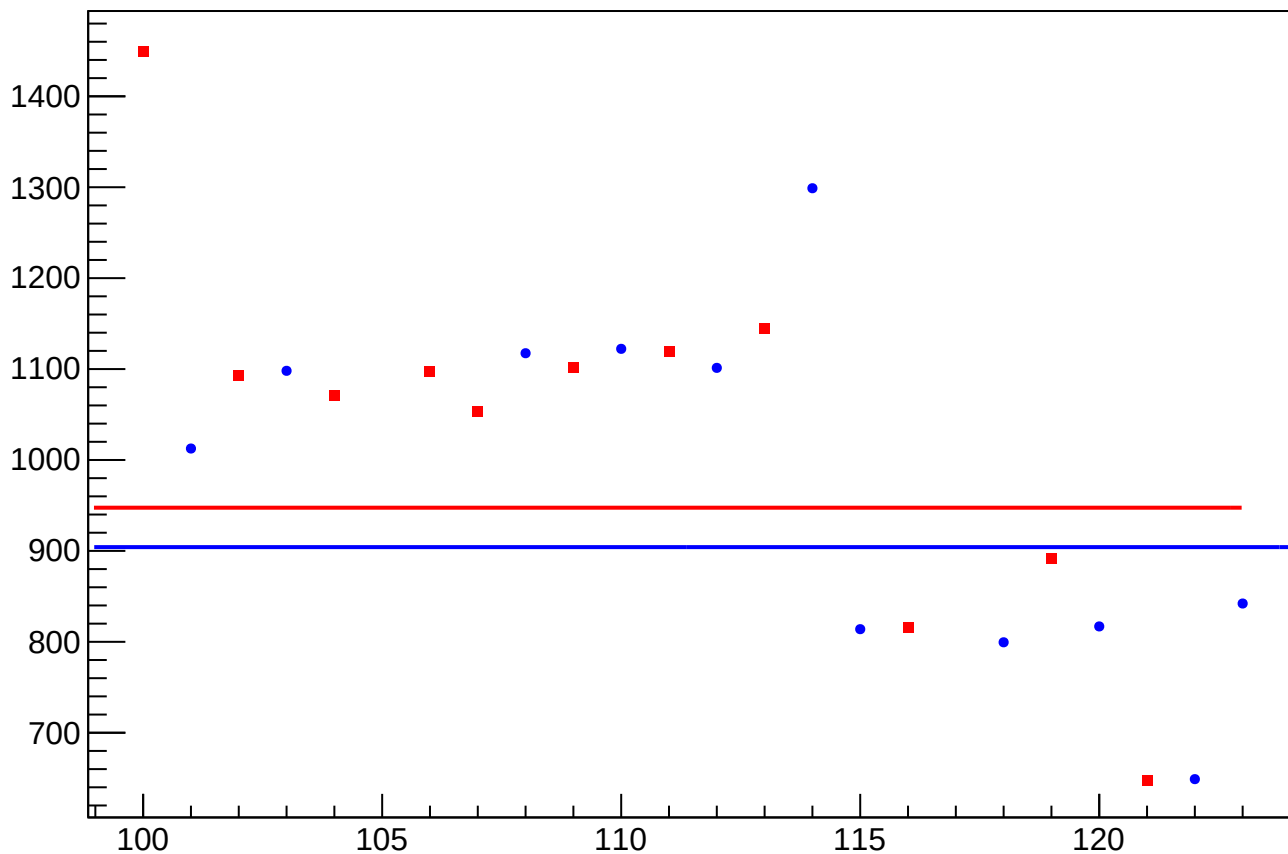
Right: -64.511+/-319.736 χ^2/NDF : 17.9/21

In: 317.858+/-453.646 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.511+/-319.736 χ^2/NDF : 17.9/21

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.166+/-0.321 χ^2/NDF : 321302.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.529+/-0.319 χ^2/NDF : 343463.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

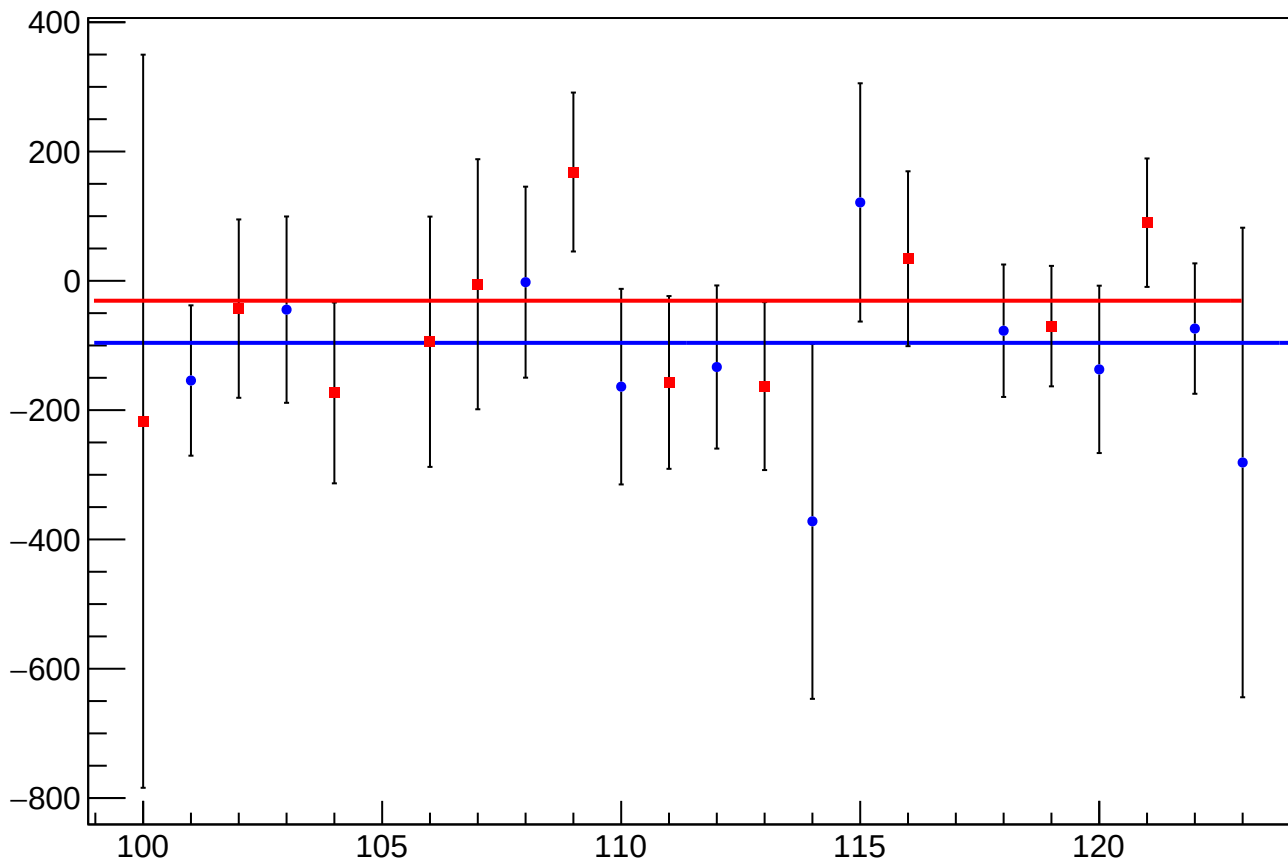
Right: 925.988+/-0.226 χ^2/NDF : 673962.8/21

In: 904.166+/-0.321 χ^2/NDF : 321302.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.988+/-0.226 χ^2/NDF : 673962.8/21

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.936+/-41.591 χ^2/NDF : 3.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.765+/-40.392 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

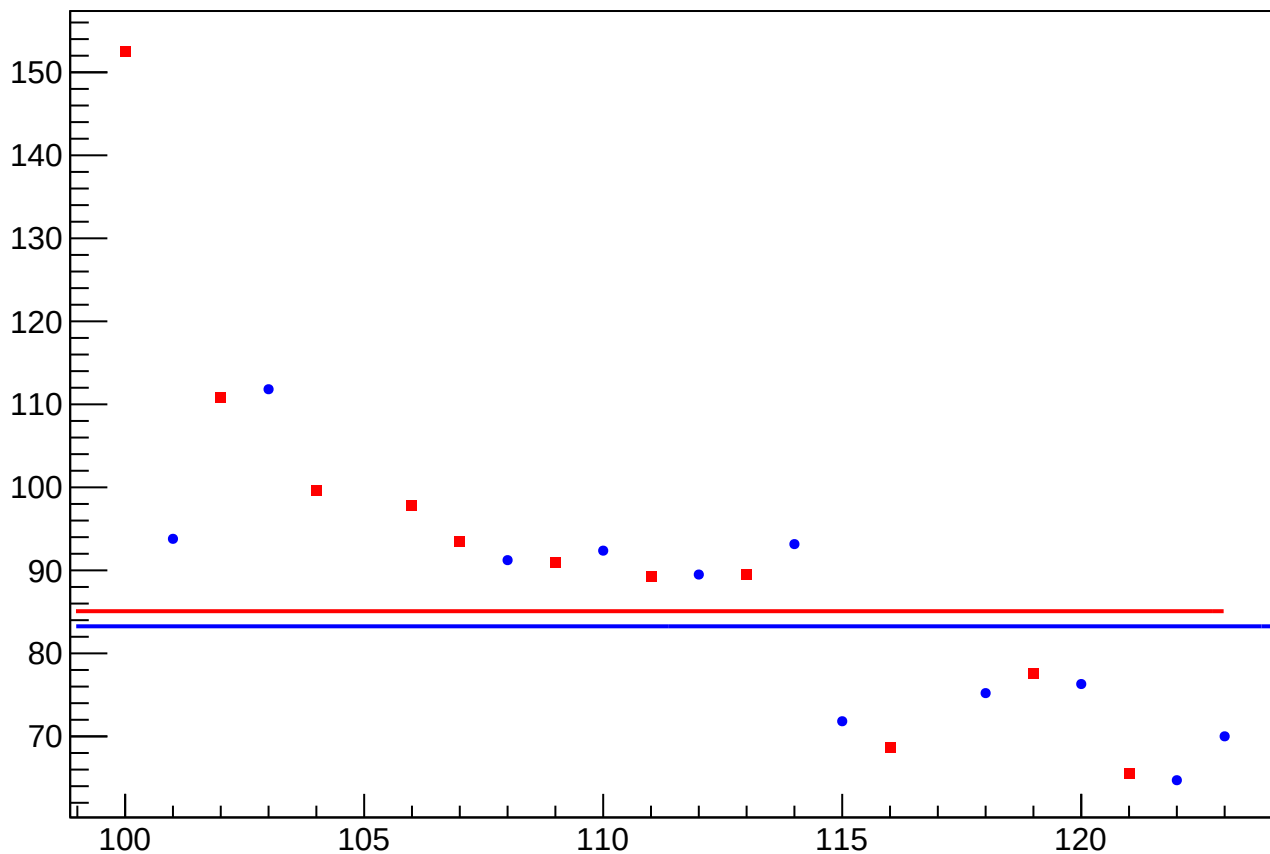
Right: -62.397+/-28.976 χ^2/NDF : 12.9/21

In: -95.936+/-41.591 χ^2/NDF : 3.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.397+/-28.976 χ^2/NDF : 12.9/21

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 83.260+/-0.029 χ^2/NDF : 211633.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.081+/-0.029 χ^2/NDF : 260229.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

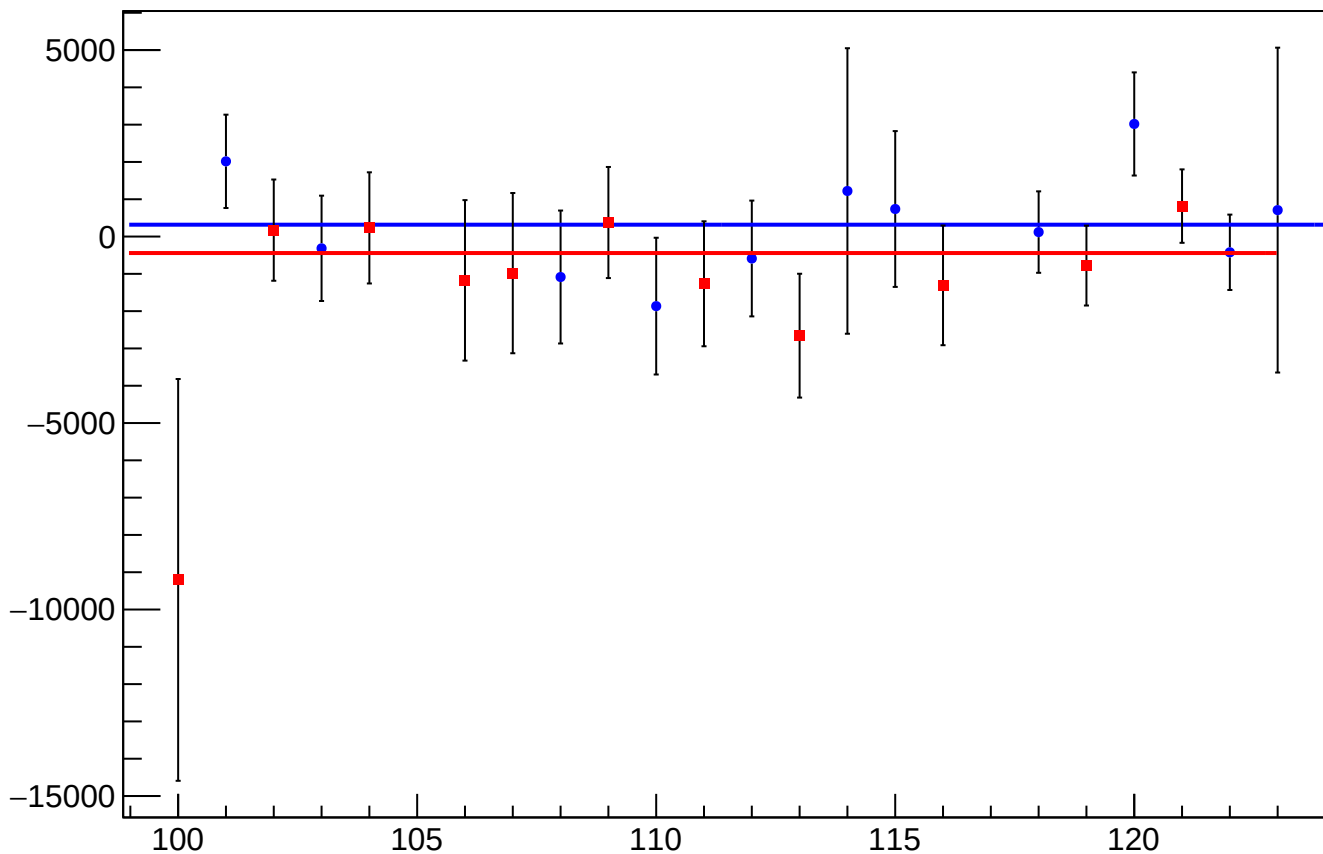
Right: 84.197+/-0.020 χ^2/NDF : 473835.4/21

In: 83.260+/-0.029 χ^2/NDF : 211633.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.197+/-0.020 χ^2/NDF : 473835.4/21

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 317.858+/-453.646 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -441.962+/-450.719 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

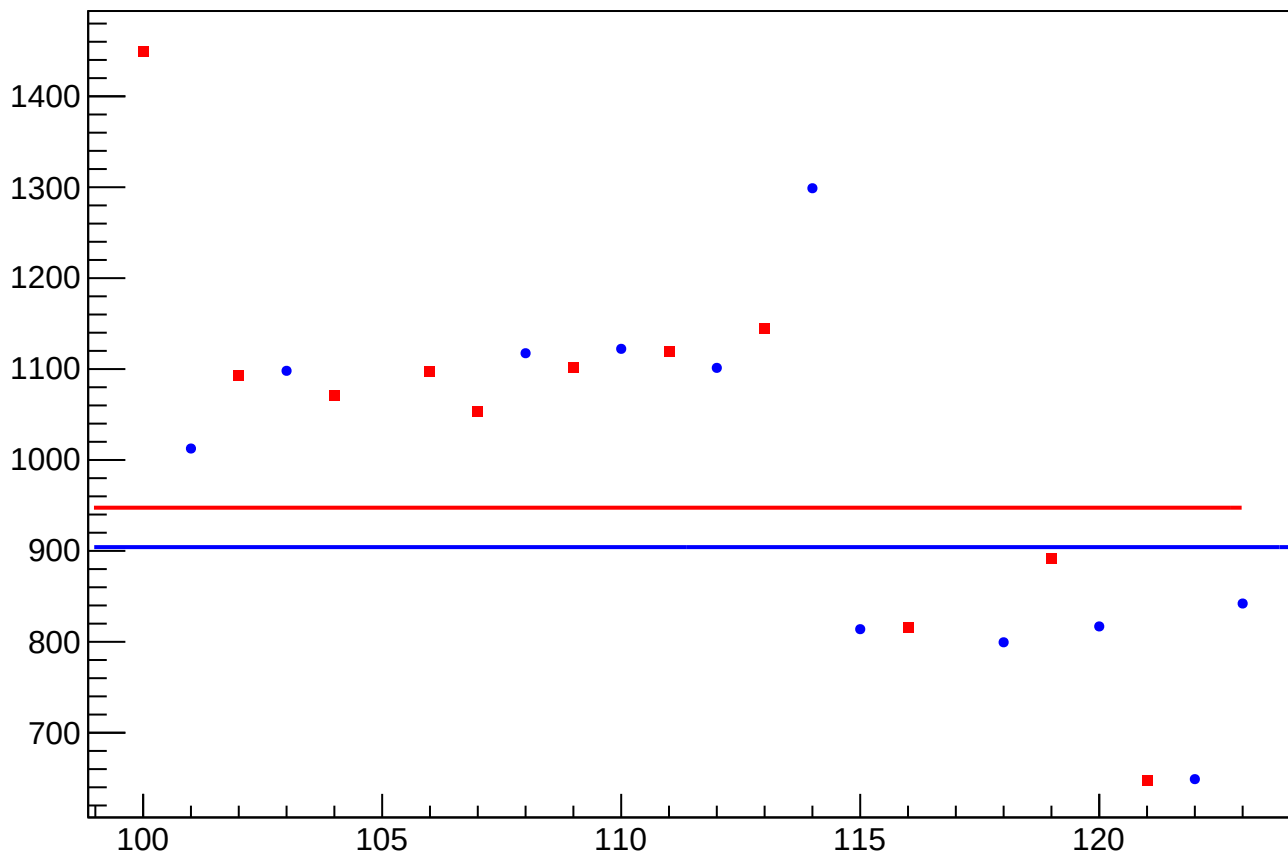
Right: -64.511+/-319.736 χ^2/NDF : 17.9/21

In: 317.858+/-453.646 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.511+/-319.736 χ^2/NDF : 17.9/21

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.166+/-0.321 χ^2/NDF : 321302.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.529+/-0.319 χ^2/NDF : 343463.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

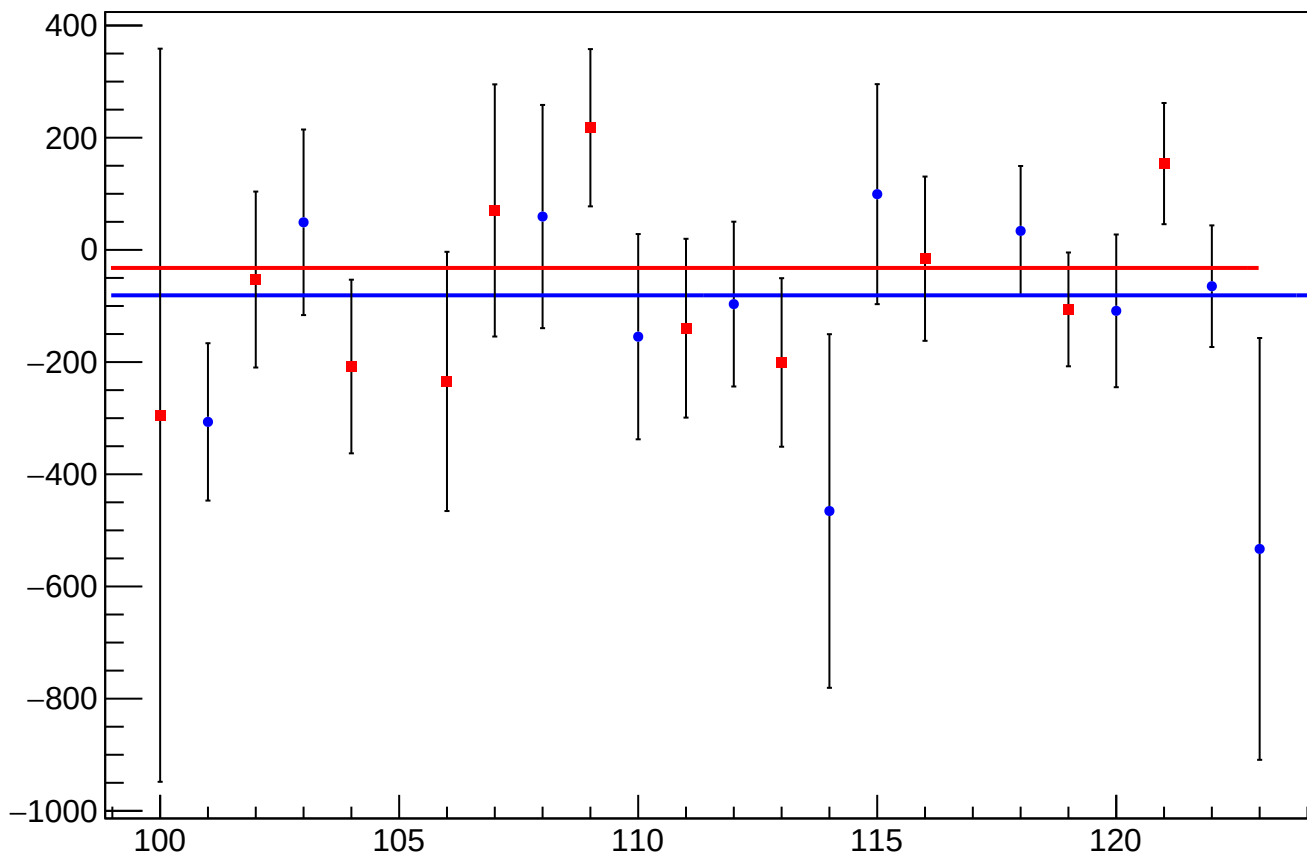
Right: 925.988+/-0.226 χ^2/NDF : 673962.8/21

In: 904.166+/-0.321 χ^2/NDF : 321302.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.988+/-0.226 χ^2/NDF : 673962.8/21

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.008 $\pm$ 47.365 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.176 $\pm$ 45.297 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

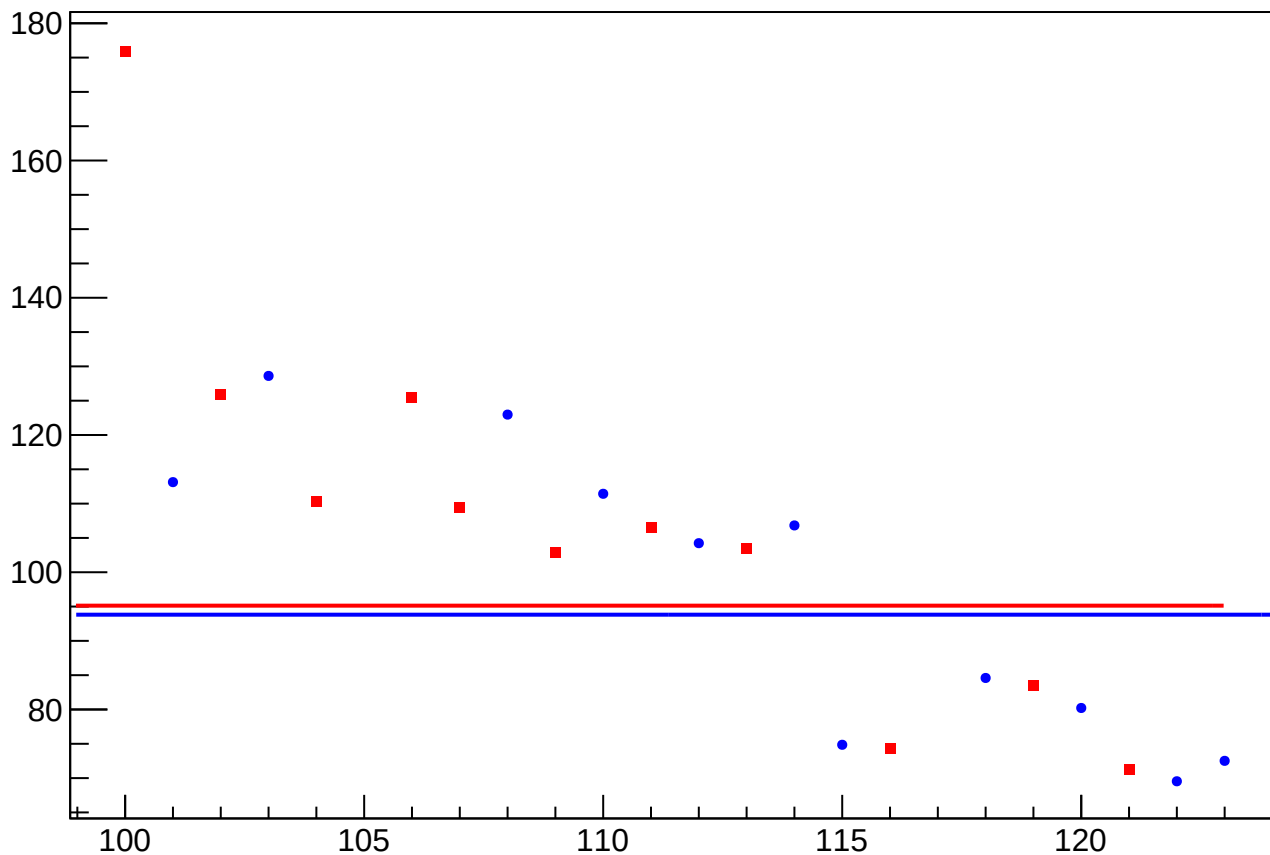
Right: -55.502 $\pm$ 32.736 χ^2 /NDF: 20.1/21

In: -81.008 $\pm$ 47.365 χ^2 /NDF:8.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.502 $\pm$ 32.736 χ^2 /NDF: 20.1/21

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.814 $\pm$ 0.033 χ^2 /NDF: 359471.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.131 $\pm$ 0.032 χ^2 /NDF: 356110.1/10

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

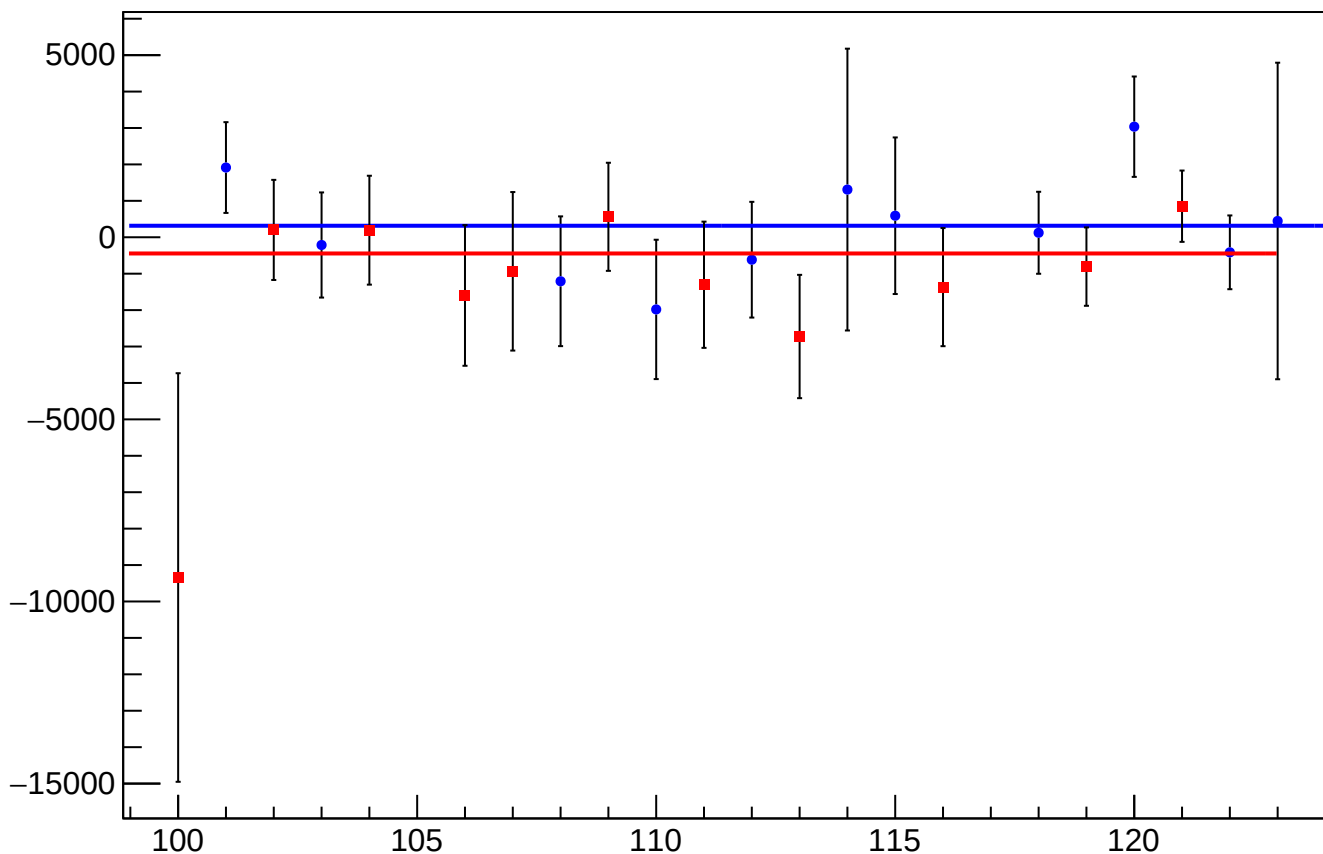
Right: 94.502 $\pm$ 0.023 χ^2 /NDF: 716388.6/21

In: 93.814 $\pm$ 0.033 χ^2 /NDF: 359471.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.502 $\pm$ 0.023 χ^2 /NDF: 716388.6/21

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 316.006+/-459.500 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -445.066+/-451.193 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

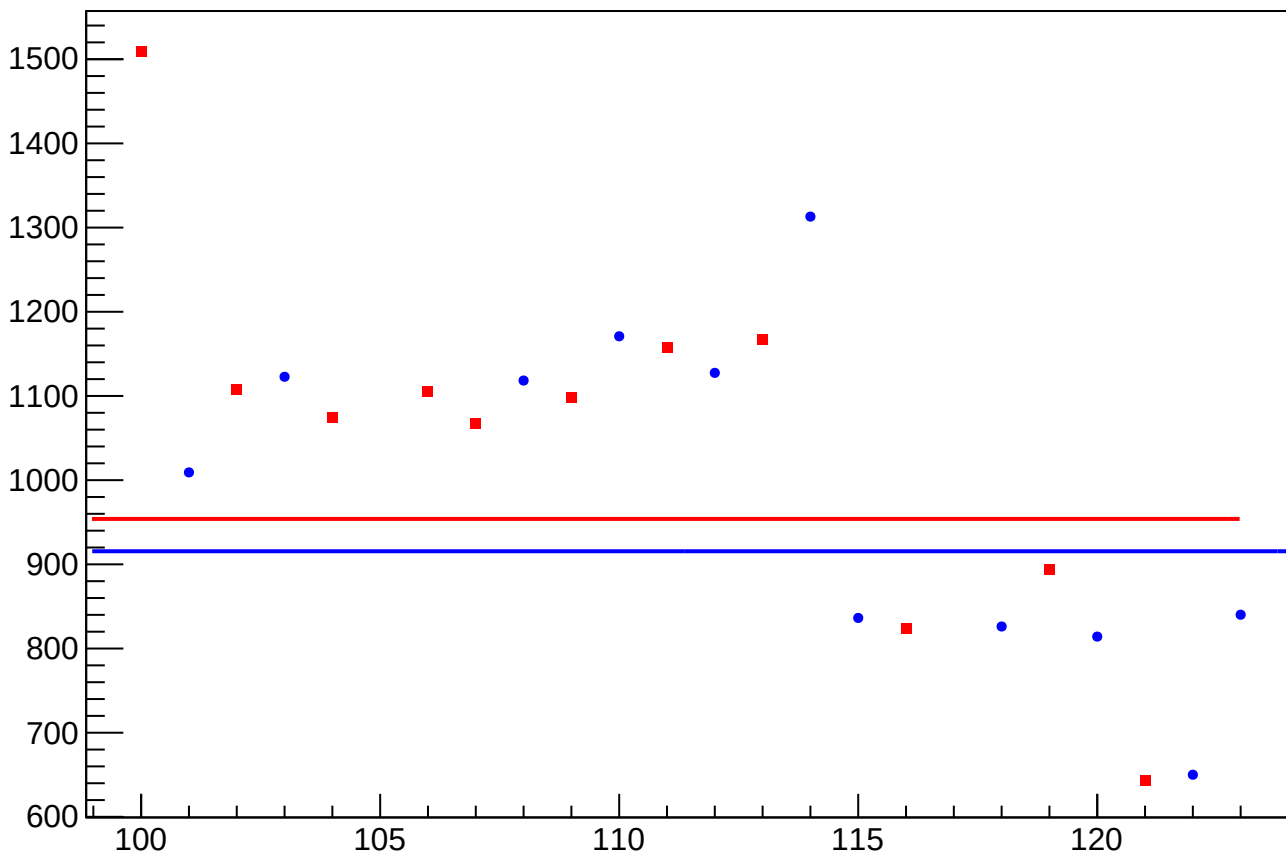
Right: -71.472+/-321.939 χ^2/NDF : 18.3/21

In: 316.006+/-459.500 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.472+/-321.939 χ^2/NDF : 18.3/21

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 915.555+/-0.325 χ^2/NDF : 334981.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.958+/-0.319 χ^2/NDF : 373752.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

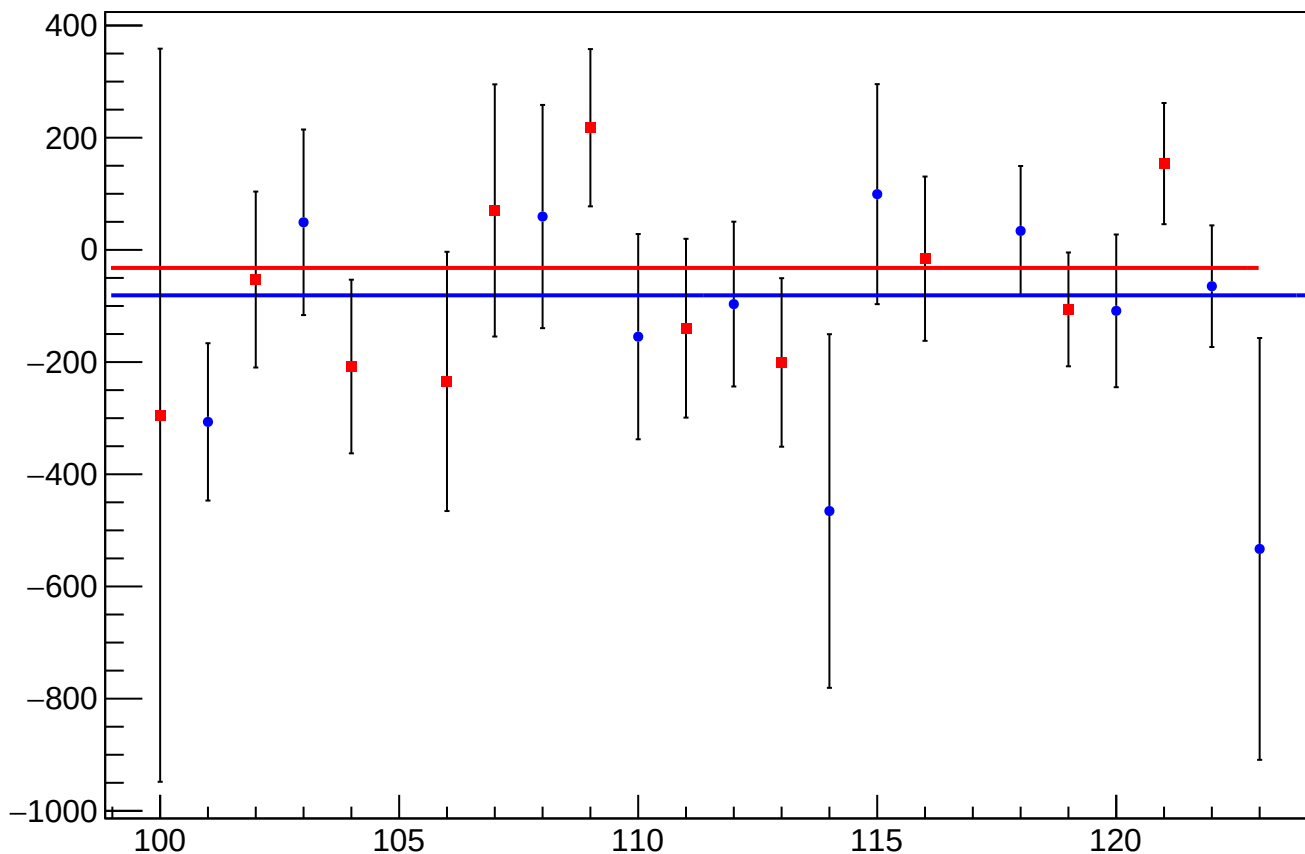
Right: 935.107+/-0.228 χ^2/NDF : 715846.6/21

In: 915.555+/-0.325 χ^2/NDF : 334981.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.107+/-0.228 χ^2/NDF : 715846.6/21

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.008 $\pm$ 47.365 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.173 $\pm$ 45.297 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

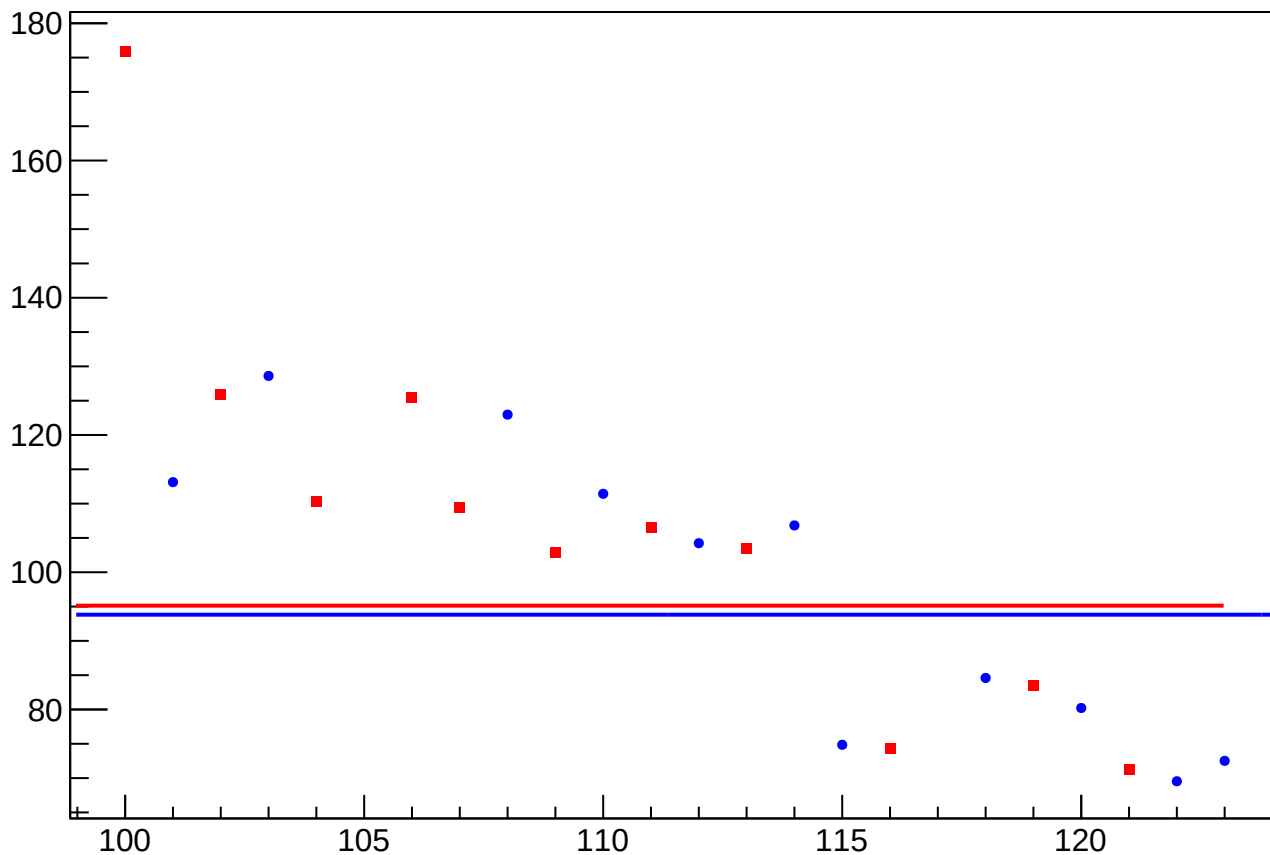
Right: -55.502 $\pm$ 32.736 χ^2 /NDF: 20.1/21

In: -81.008 $\pm$ 47.365 χ^2 /NDF:8.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.502 $\pm$ 32.736 χ^2 /NDF: 20.1/21

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.814+/-0.033 χ^2/NDF : 359458.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.131+/-0.032 χ^2/NDF : 356097.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

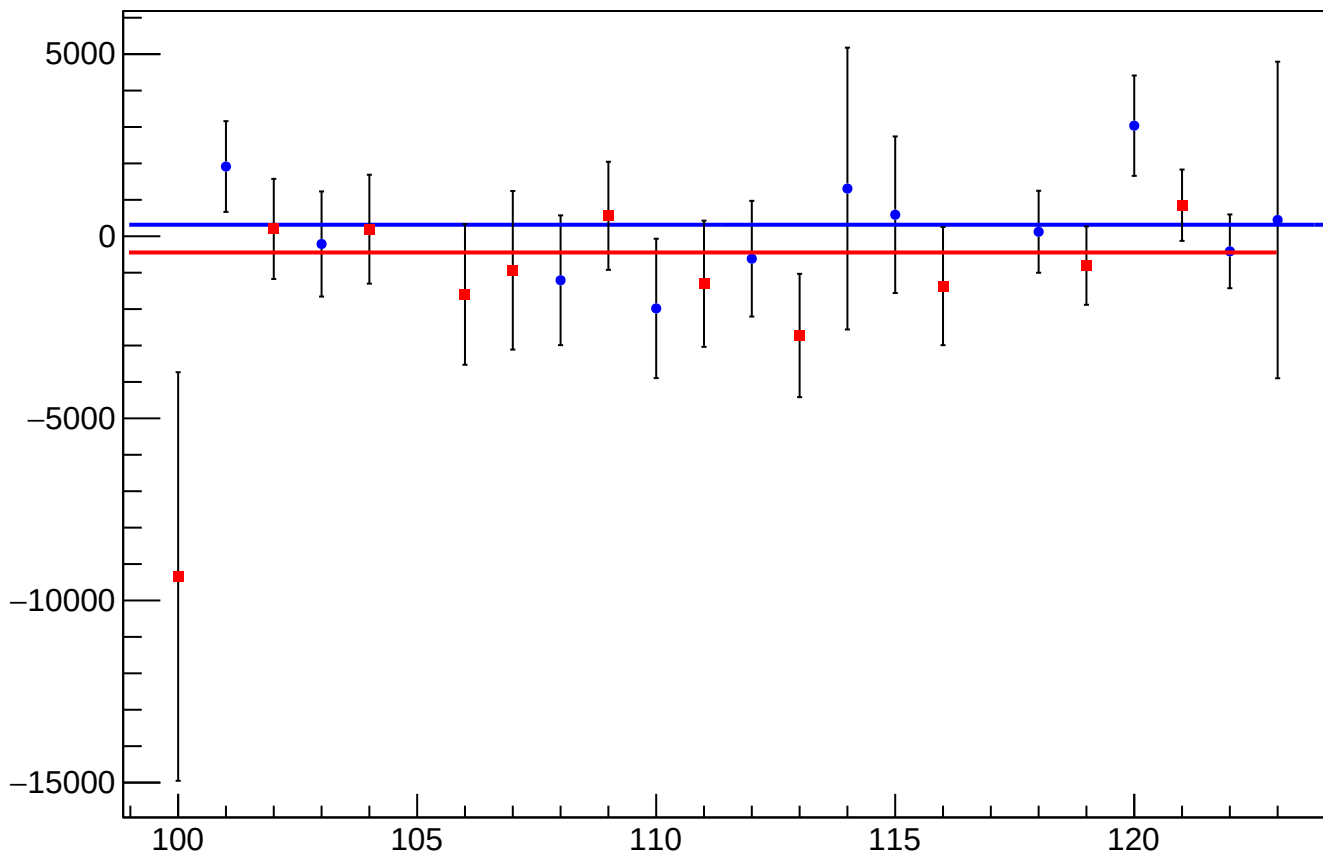
Right: 94.502+/-0.023 χ^2/NDF : 716362.5/21

In: 93.814+/-0.033 χ^2/NDF : 359458.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.502+/-0.023 χ^2/NDF : 716362.5/21

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 316.006+/-459.499 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -445.066+/-451.192 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

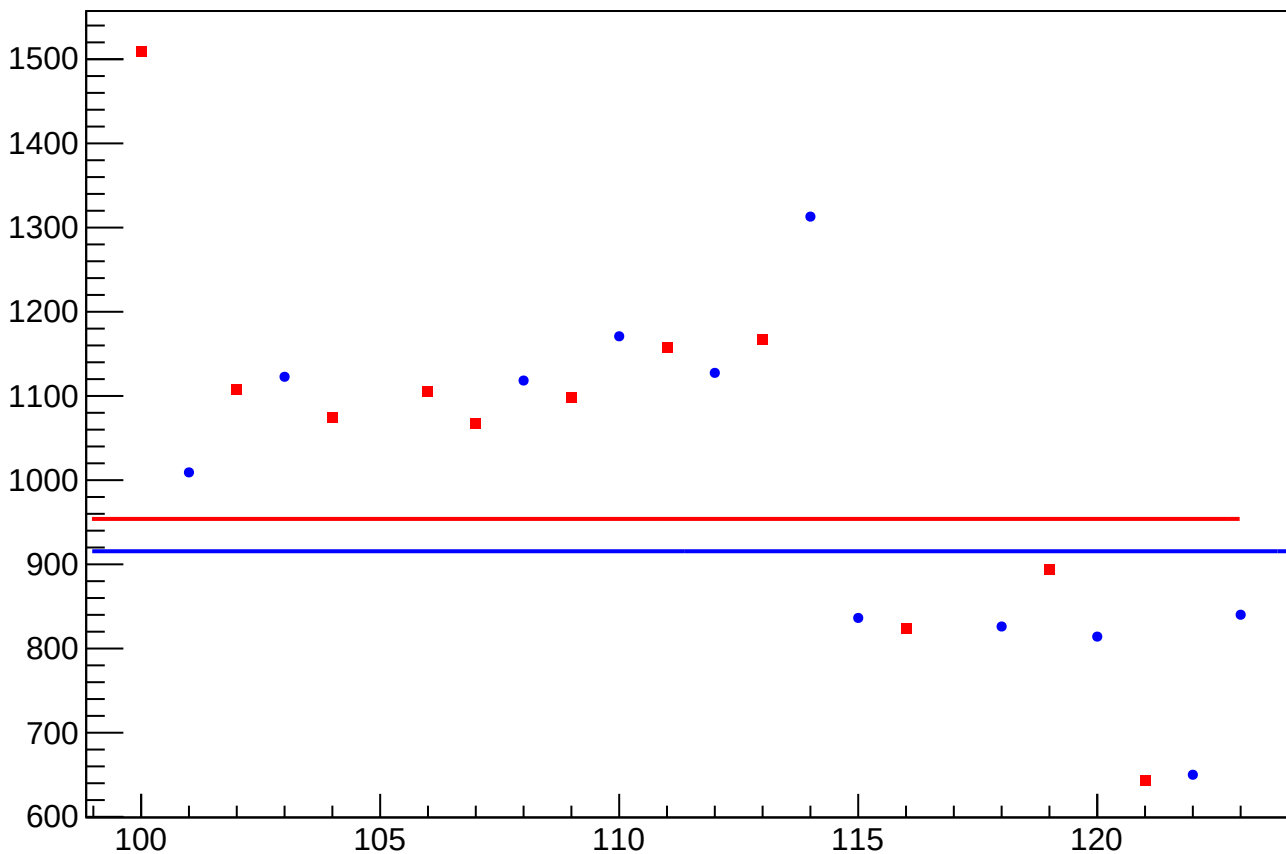
Right: -71.472+/-321.938 χ^2/NDF : 18.3/21

In: 316.006+/-459.499 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.472+/-321.938 χ^2/NDF : 18.3/21

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 915.553+/-0.325 χ^2/NDF : 334975.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.956+/-0.319 χ^2/NDF : 373747.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

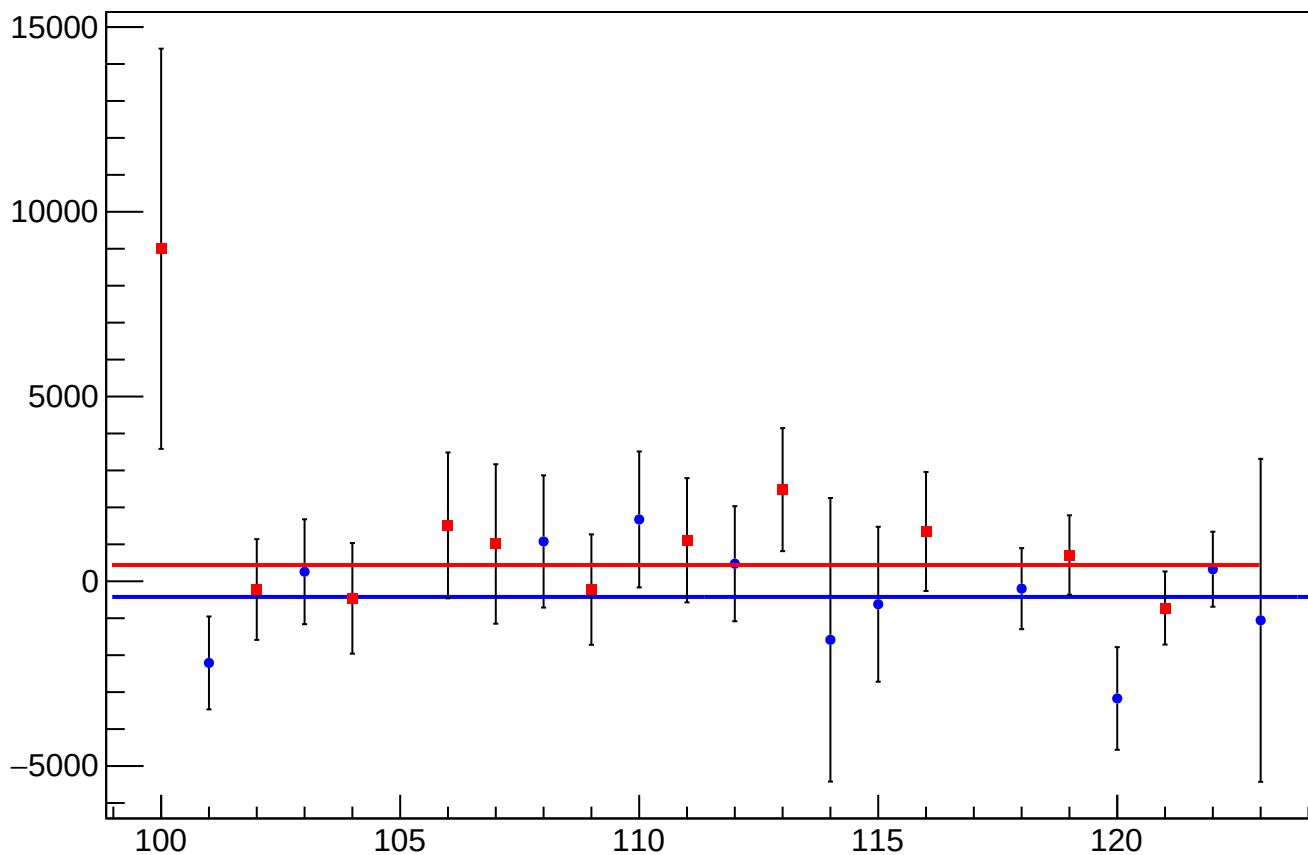
Right: 935.105+/-0.228 χ^2/NDF : 715835.2/21

In: 915.553+/-0.325 χ^2/NDF : 334975.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.105+/-0.228 χ^2/NDF : 715835.2/21

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -423.492+/-455.674 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.177+/-450.671 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

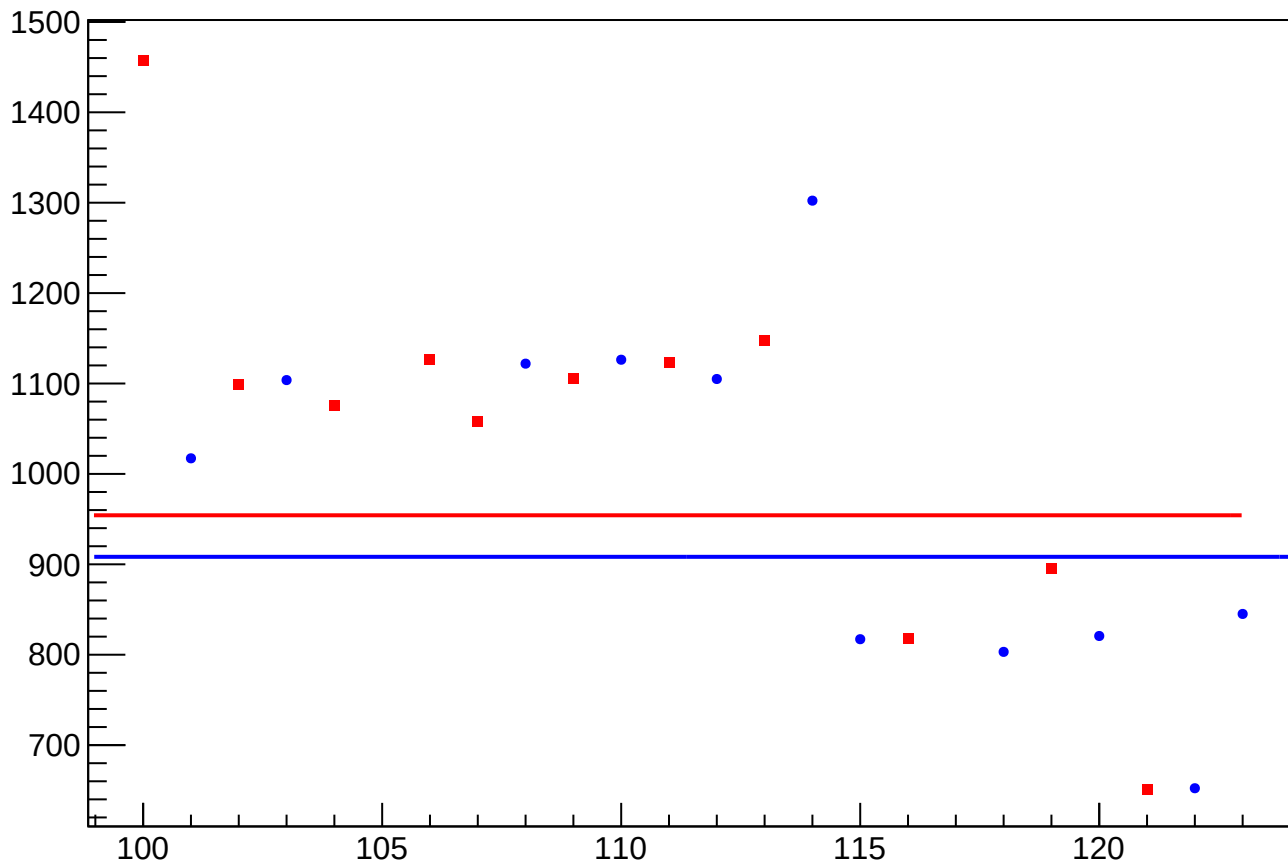
Right: 13.110+/-320.427 χ^2/NDF : 18.1/21

In: -423.492+/-455.674 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.110+/-320.427 χ^2/NDF : 18.1/21

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 908.293+/-0.322 χ^2/NDF : 320160.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 954.236+/-0.319 χ^2/NDF : 348129.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

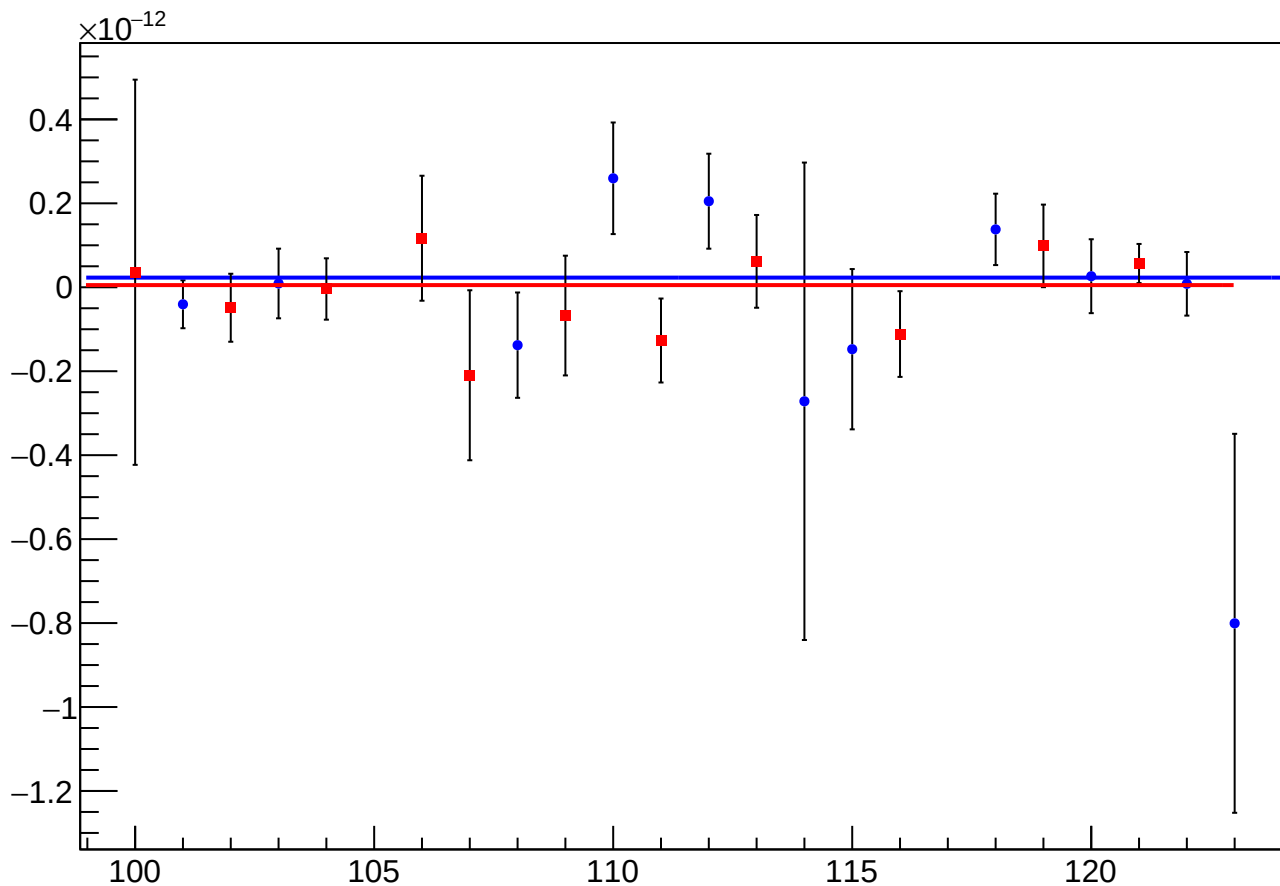
Right: 931.518+/-0.227 χ^2/NDF : 678567.4/21

In: 908.293+/-0.322 χ^2/NDF : 320160.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.518+/-0.227 χ^2/NDF : 678567.4/21

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/10

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

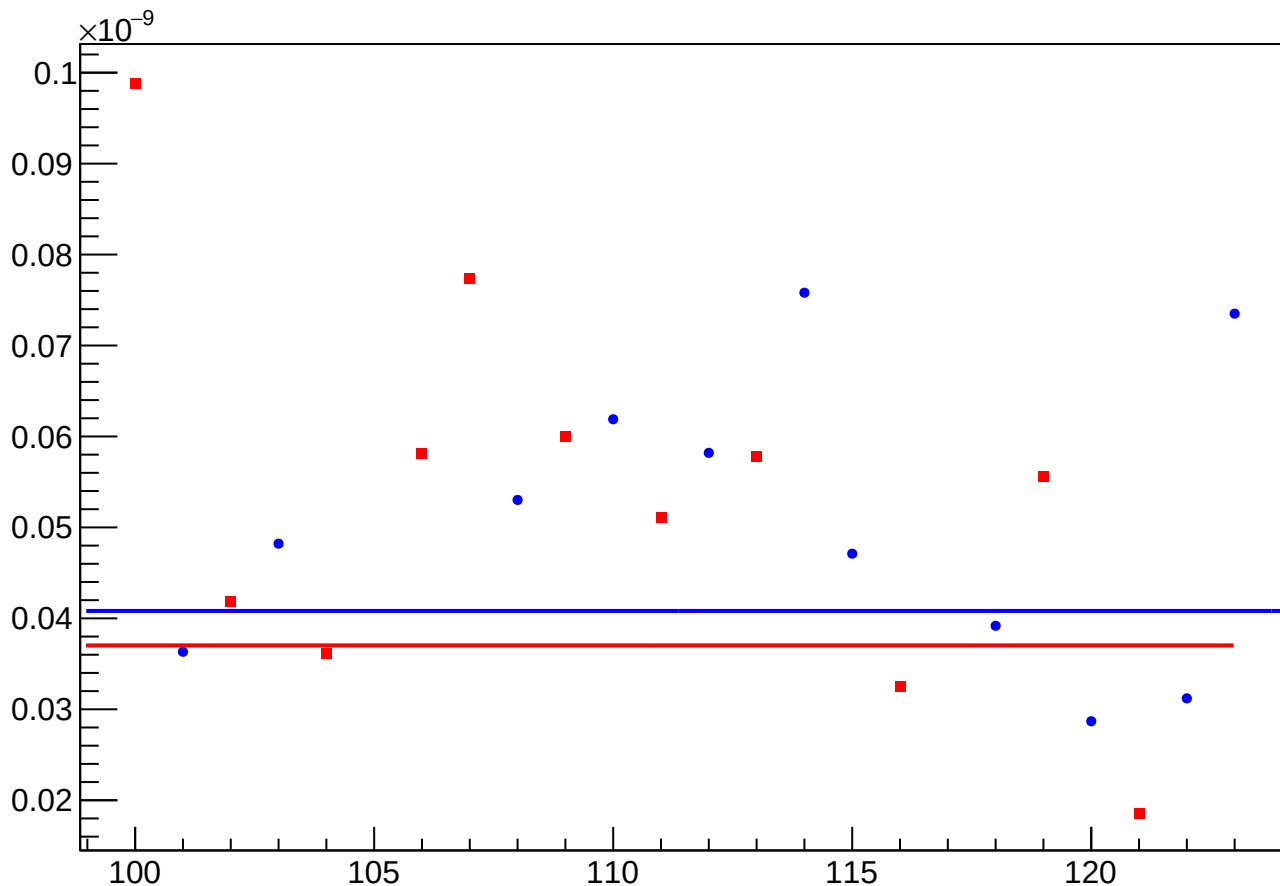
Right: 0.000+/-0.000 χ^2/NDF : 23.0/21

In: 0.000+/-0.000 χ^2 /NDF:14.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/21

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 235772.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 714876.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

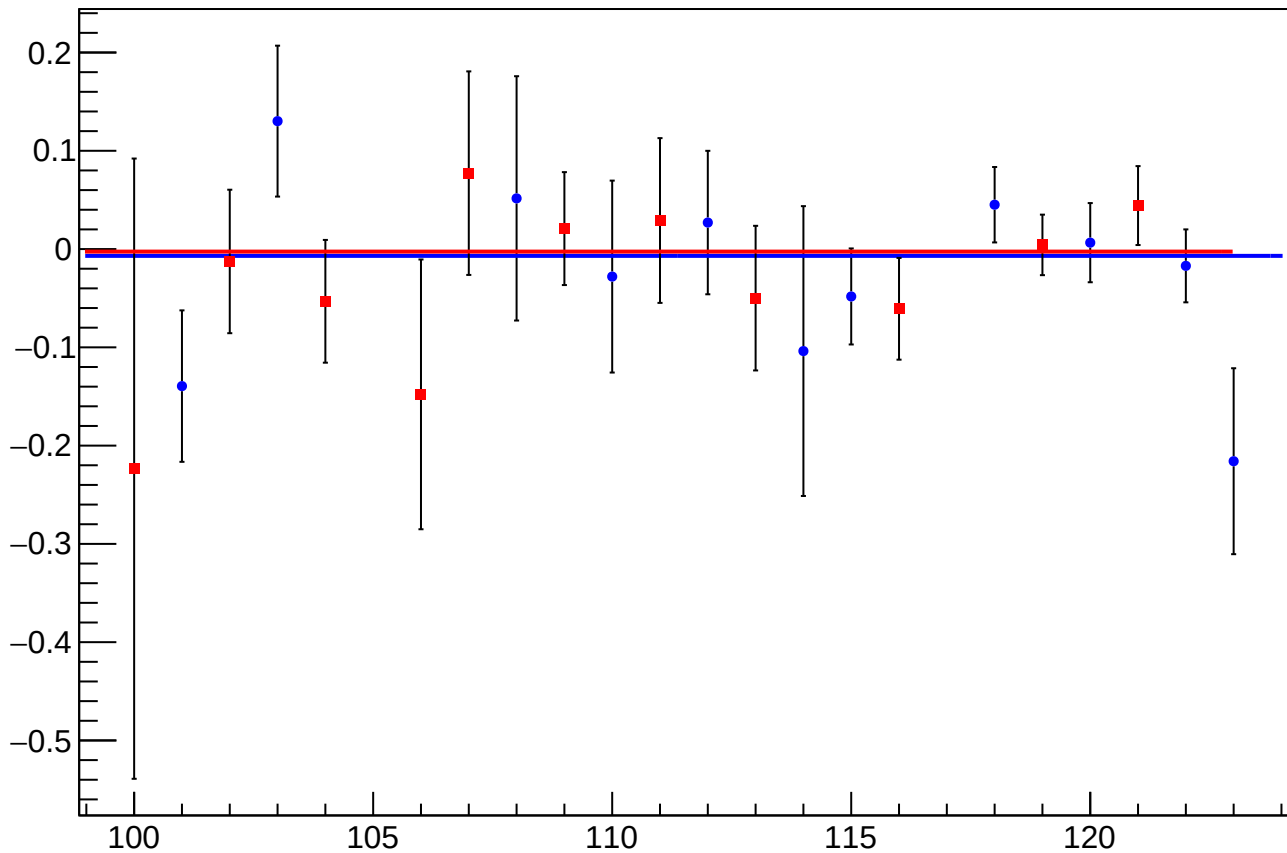
Right: 0.000+/-0.000 χ^2/NDF : 967984.5/21

In: 0.000+/-0.000 χ^2/NDF : 235772.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 967984.5/21

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.017 $\chi^2/\text{NDF}: 14.7/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.003 ± 0.017 $\chi^2/\text{NDF}: 6.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

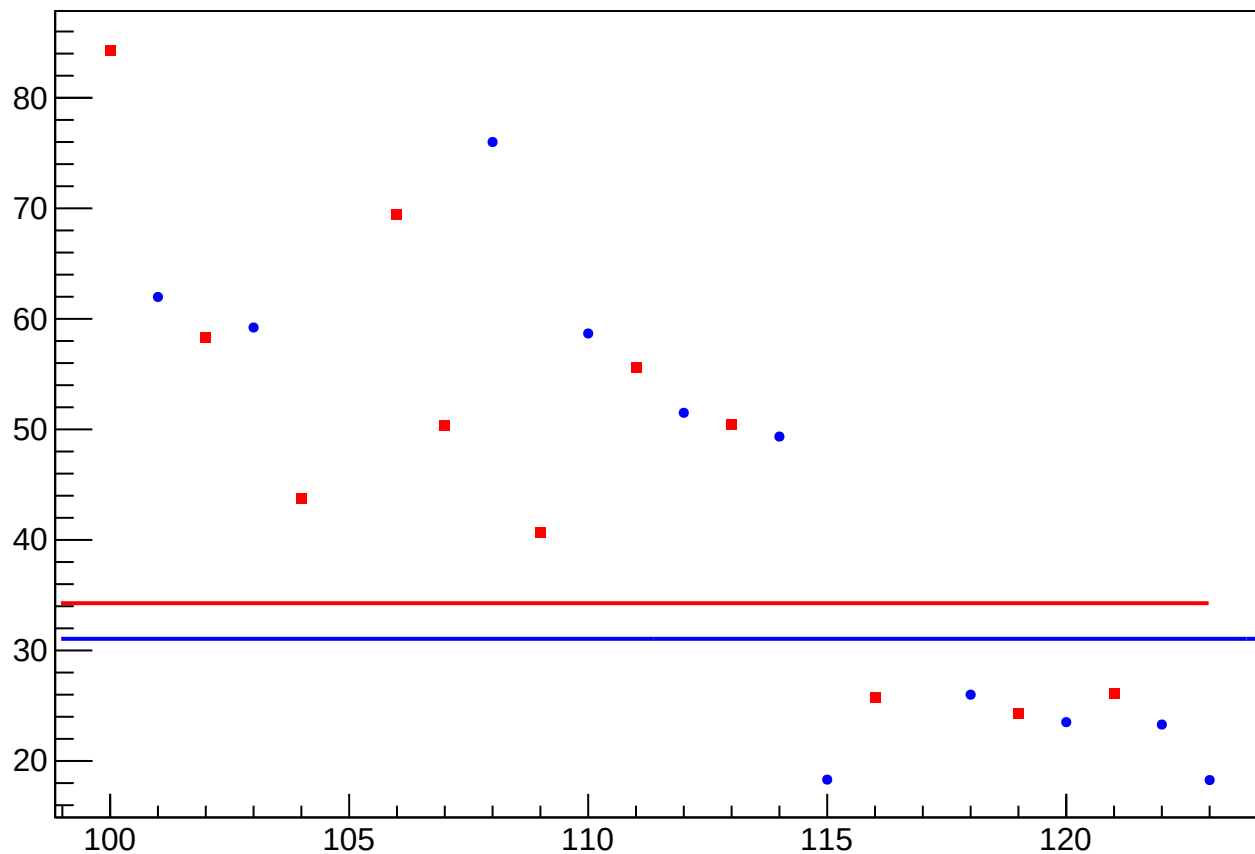
Right: -0.005 ± 0.012 $\chi^2/\text{NDF}: 21.0/21$

In: -0.007 ± 0.017 $\chi^2/\text{NDF}: 14.7/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.005 ± 0.012 $\chi^2/\text{NDF}: 21.0/21$

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.053+/-0.012 χ^2/NDF : 1565365.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.275+/-0.012 χ^2/NDF : 1090372.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

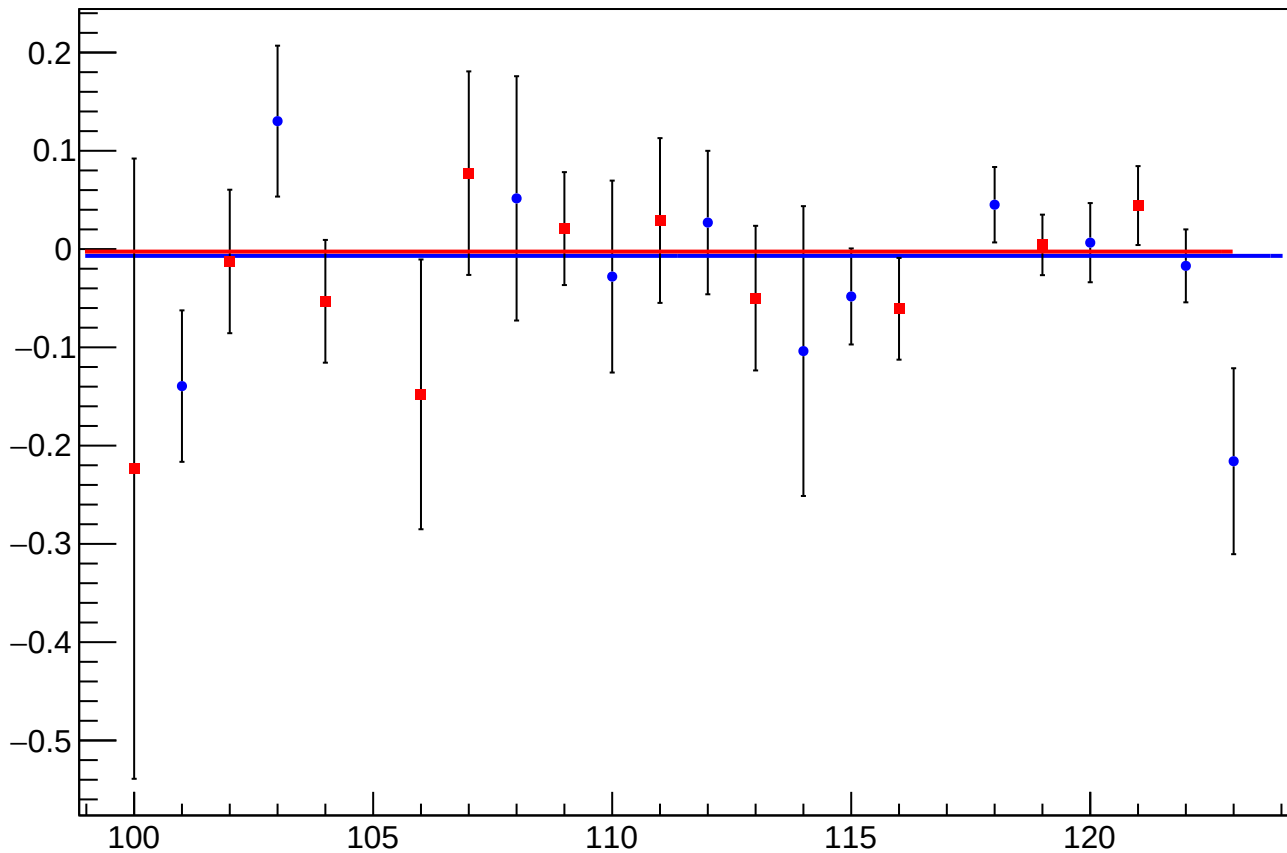
Right: 32.660+/-0.009 χ^2/NDF : 2689844.4/21

In: 31.053+/-0.012 χ^2/NDF :1565365.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.660+/-0.009 χ^2/NDF : 2689844.4/21

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.017 χ^2 /NDF: 14.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.017 χ^2 /NDF: 6.3/10

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

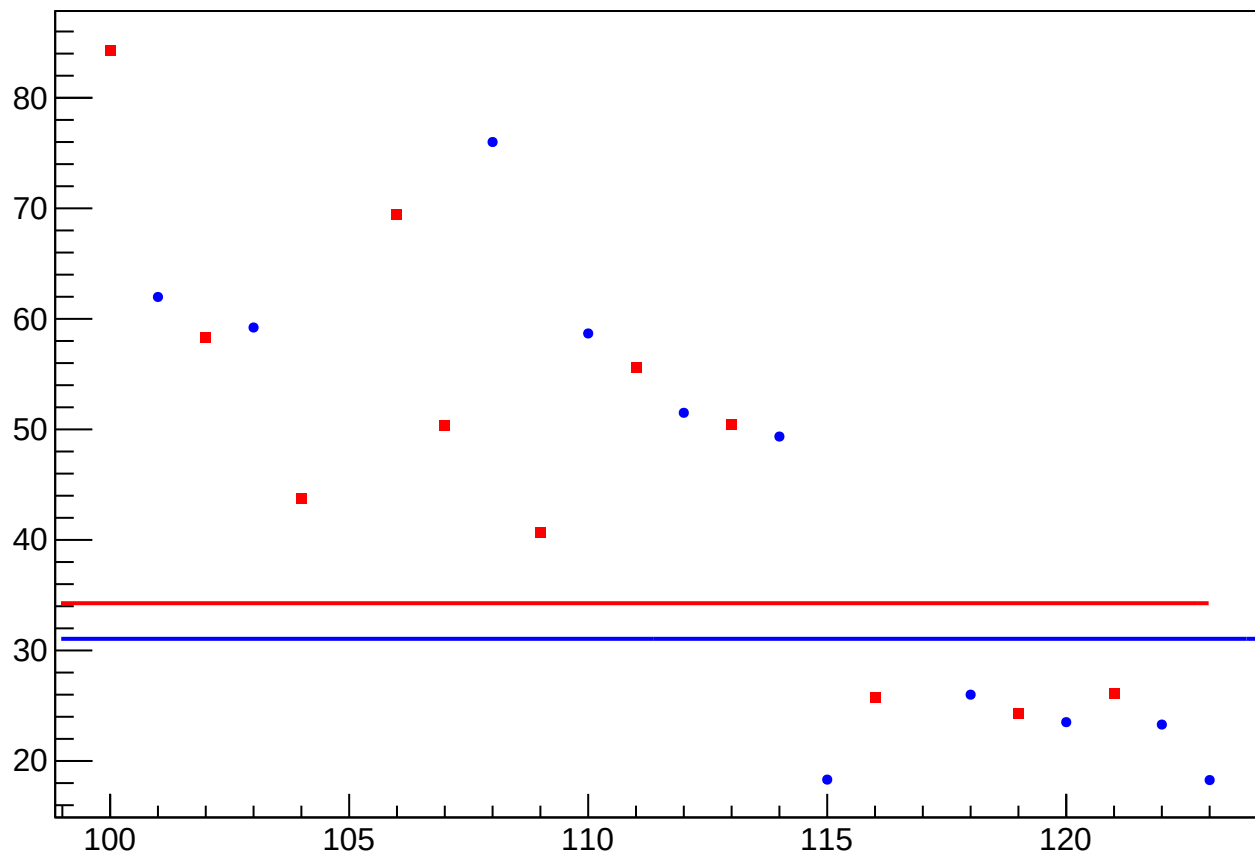
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 21.0/21

In: -0.007 $\pm$ 0.017 χ^2 /NDF:14.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 21.0/21

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.053+/-0.012 χ^2/NDF : 1565365.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.275+/-0.012 χ^2/NDF : 1090372.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

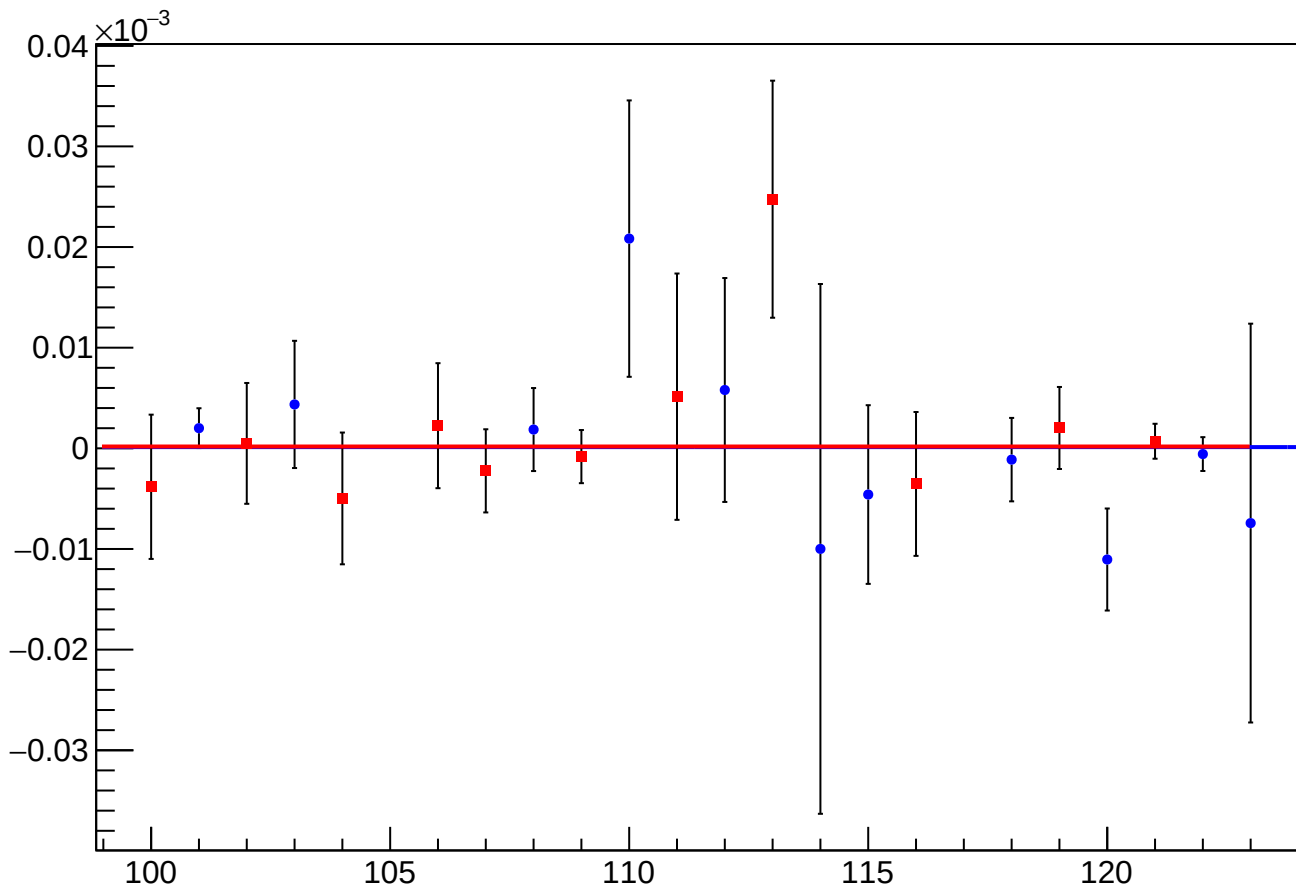
Right: 32.660+/-0.009 χ^2/NDF : 2689844.4/21

In: 31.053+/-0.012 χ^2/NDF : 1565365.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.660+/-0.009 χ^2/NDF : 2689844.4/21

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

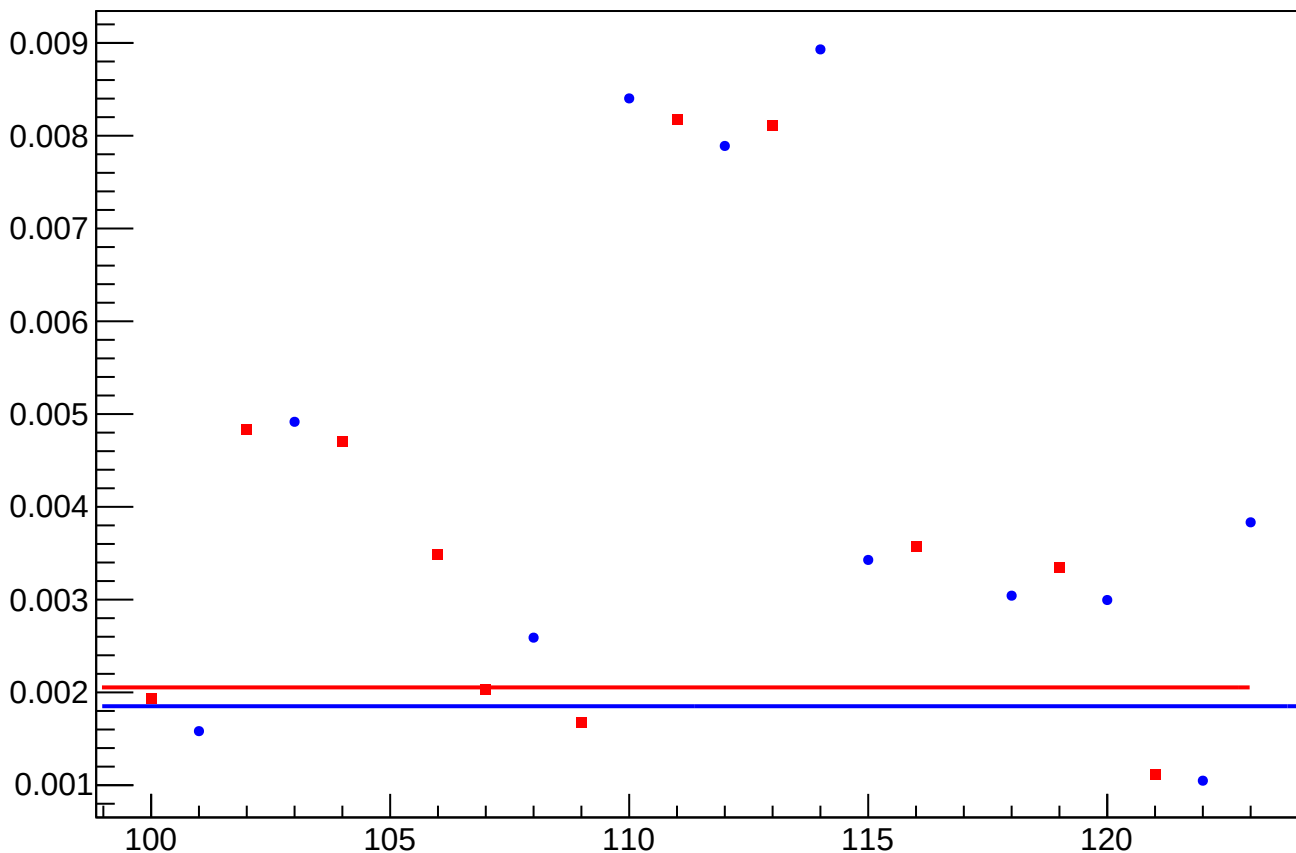
Right: 0.000+/-0.000 χ^2/NDF : 16.4/21

In: 0.000+/-0.000 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/21

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2567870.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2804495.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

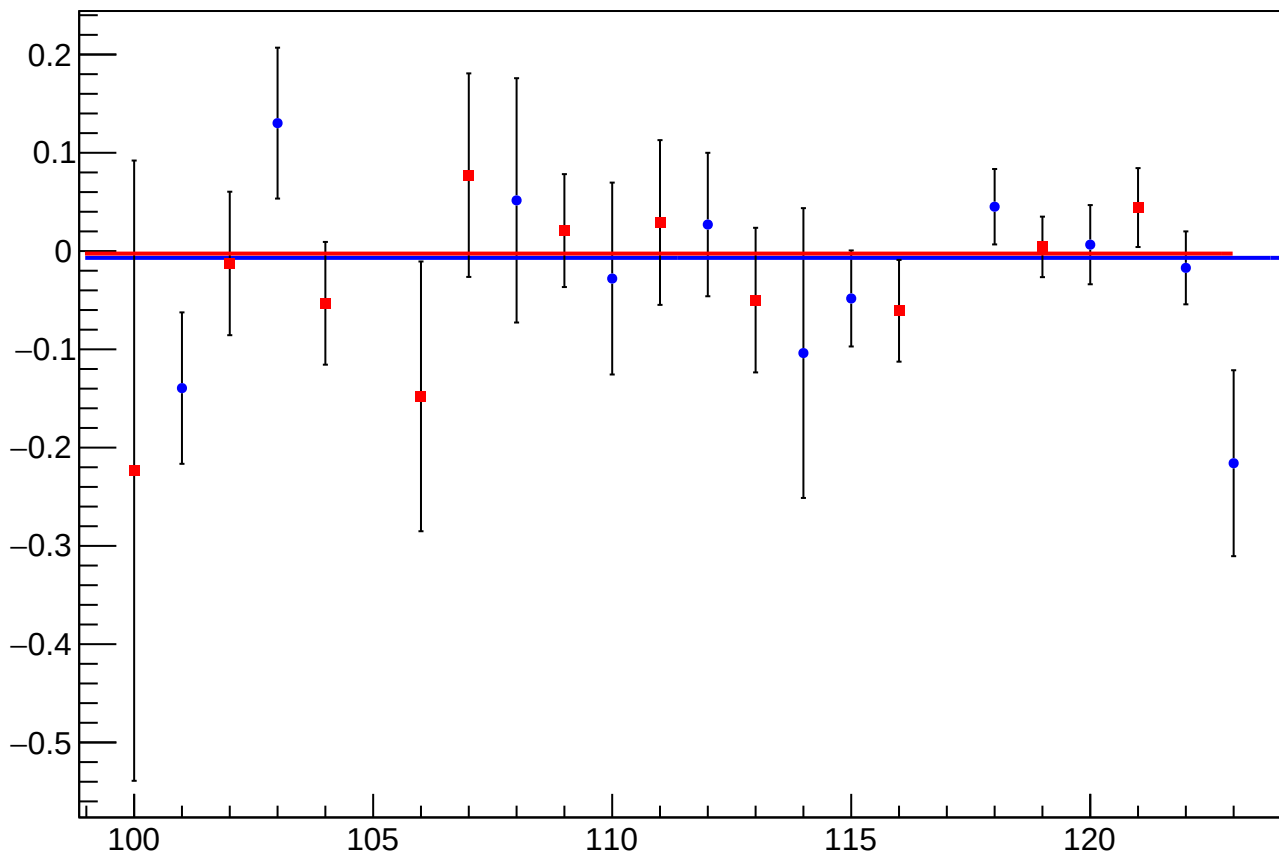
Right: 0.002+/-0.000 χ^2/NDF : 5404051.2/21

In: 0.002+/-0.000 χ^2/NDF :2567870.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5404051.2/21

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.017 χ^2 /NDF: 14.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.017 χ^2 /NDF: 6.3/10

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

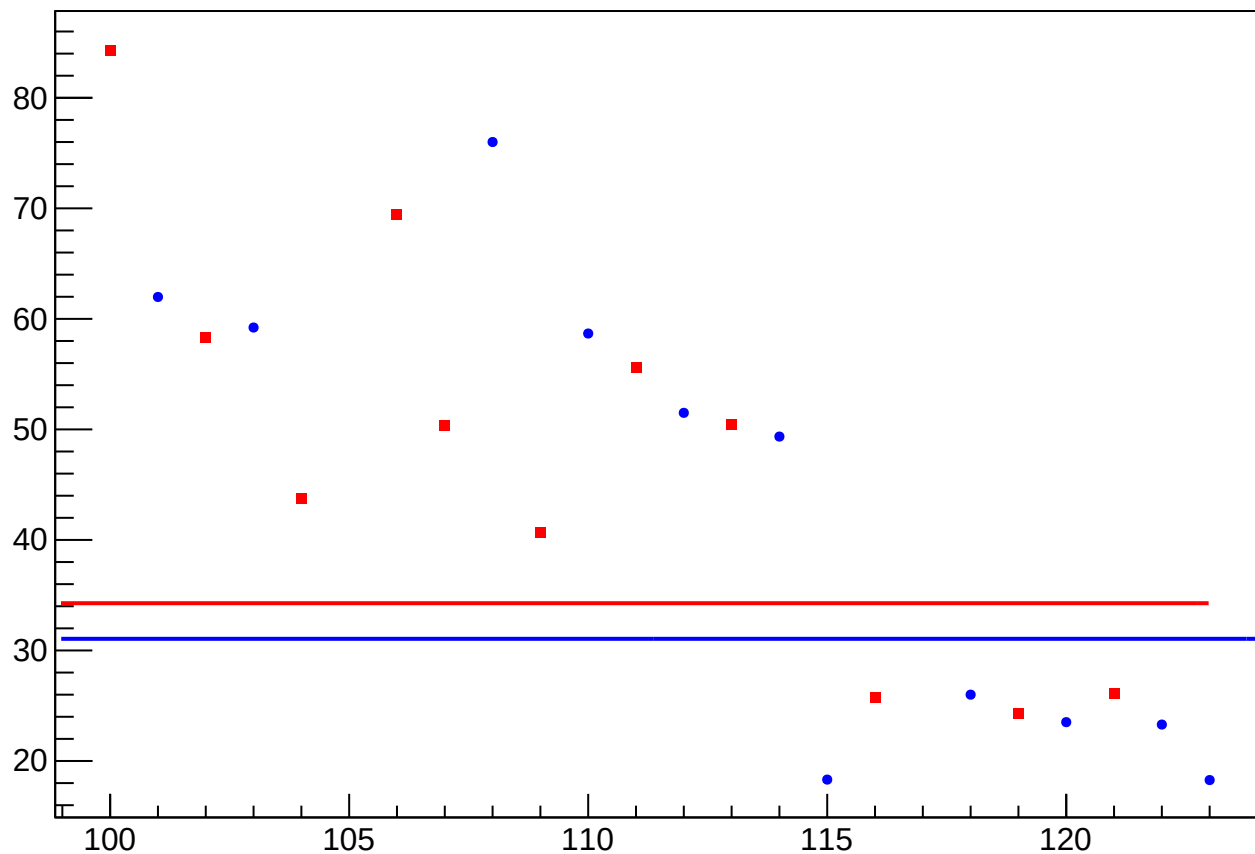
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 21.0/21

In: -0.007 $\pm$ 0.017 χ^2 /NDF:14.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 21.0/21

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.054+/-0.012 χ^2/NDF : 1565222.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.275+/-0.012 χ^2/NDF : 1090265.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

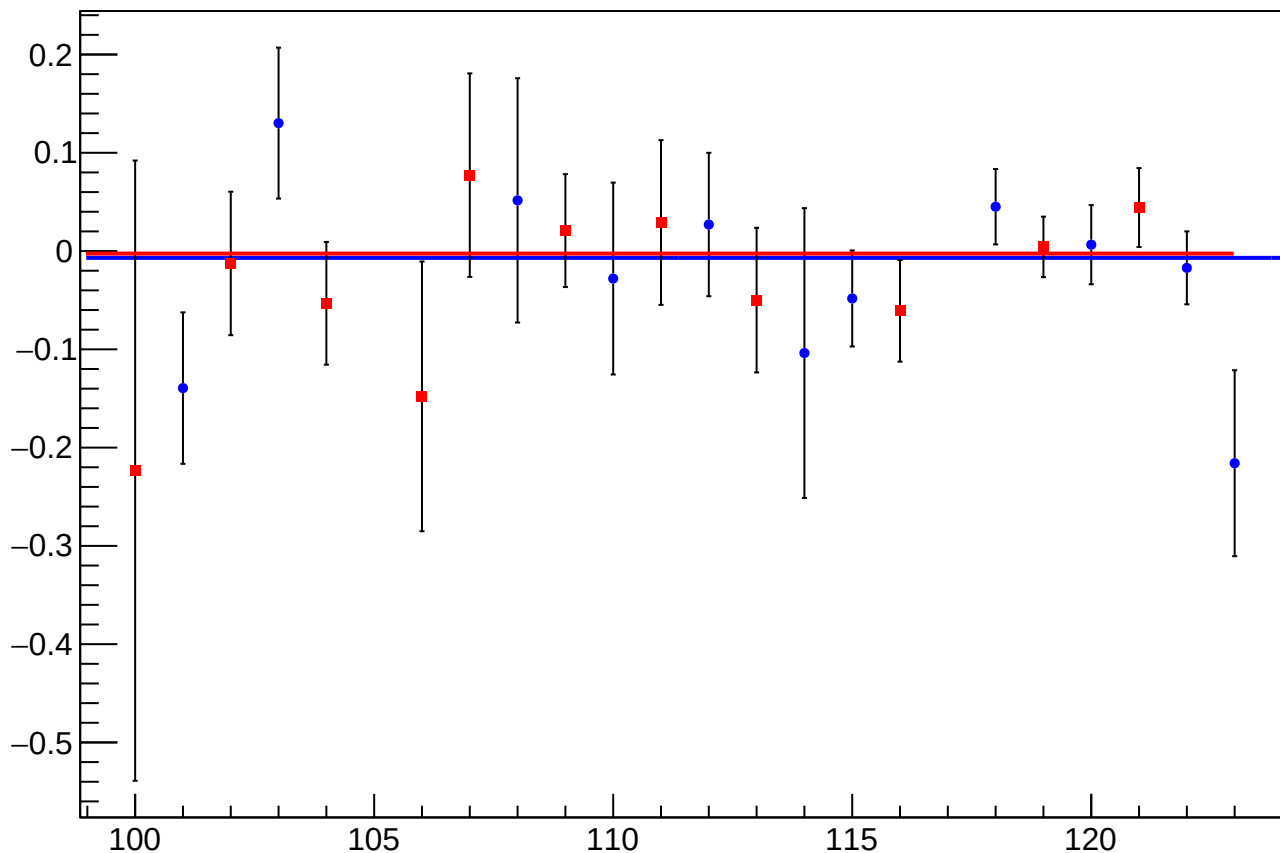
Right: 32.661+/-0.009 χ^2/NDF : 2689583.2/21

In: 31.054+/-0.012 χ^2/NDF : 1565222.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.661+/-0.009 χ^2/NDF : 2689583.2/21

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.017 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.017 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

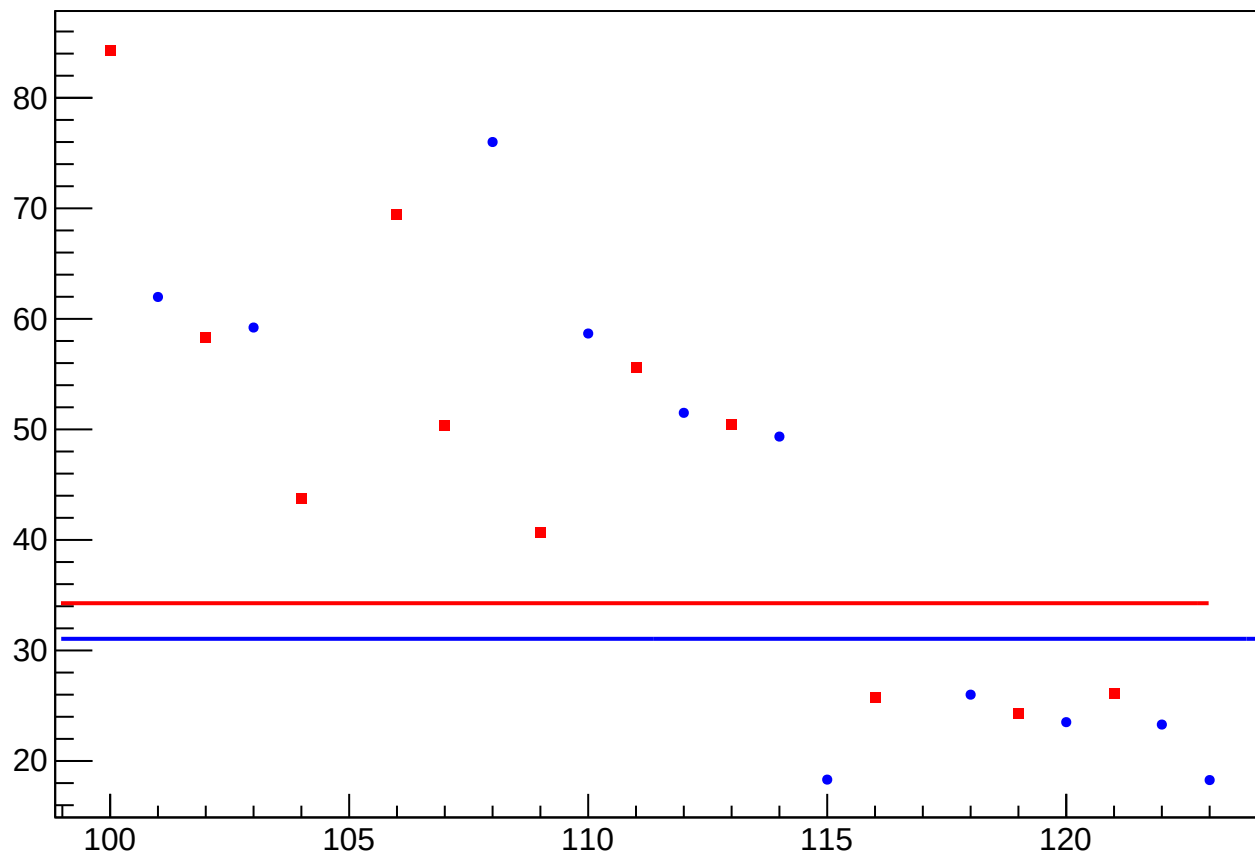
Right: -0.005+/-0.012 χ^2/NDF : 21.0/21

In: -0.007+/-0.017 χ^2/NDF : 14.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.012 χ^2/NDF : 21.0/21

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.054+/-0.012 χ^2/NDF : 1565222.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.275+/-0.012 χ^2/NDF : 1090265.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

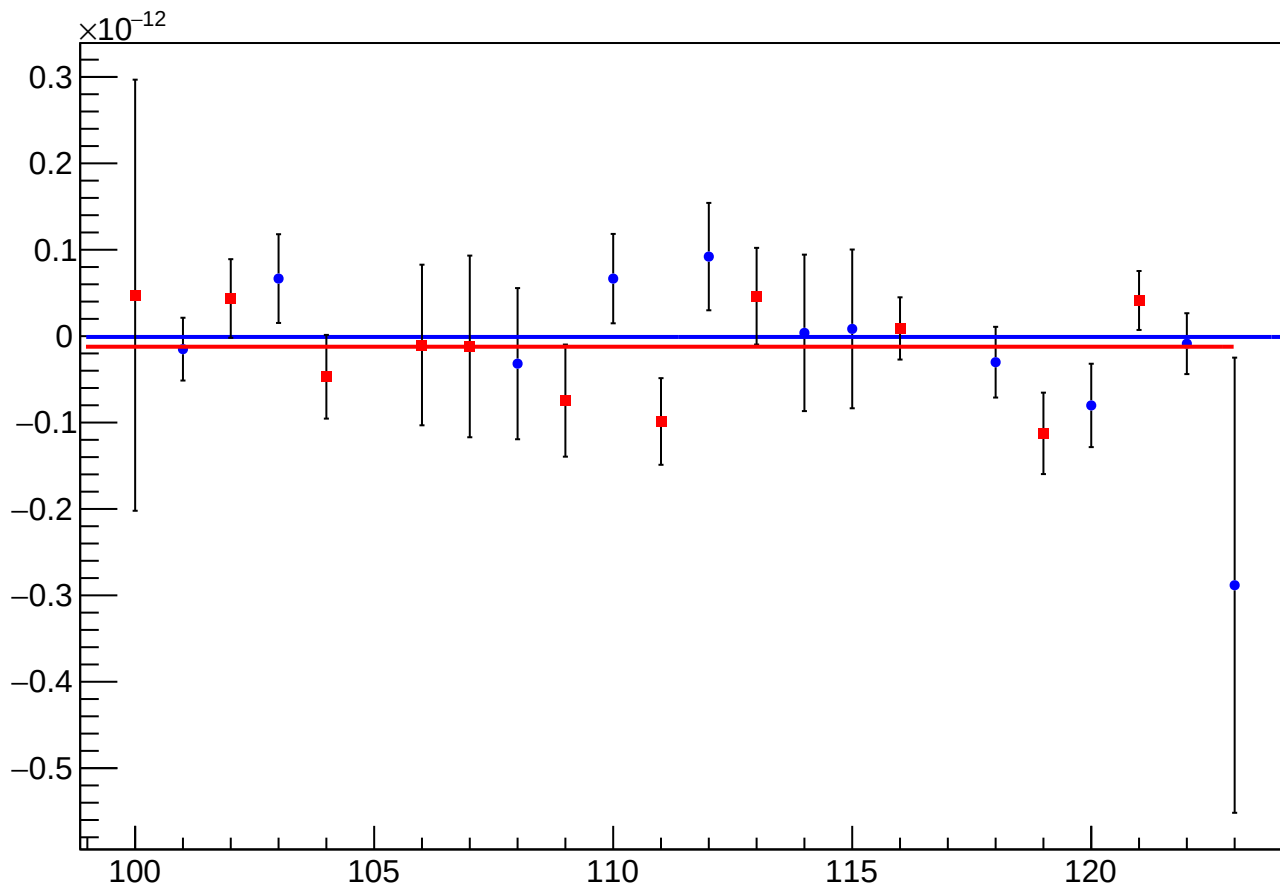
Right: 32.661+/-0.009 χ^2/NDF : 2689583.2/21

In: 31.054+/-0.012 χ^2/NDF :1565222.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.661+/-0.009 χ^2/NDF : 2689583.2/21

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.4/10

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

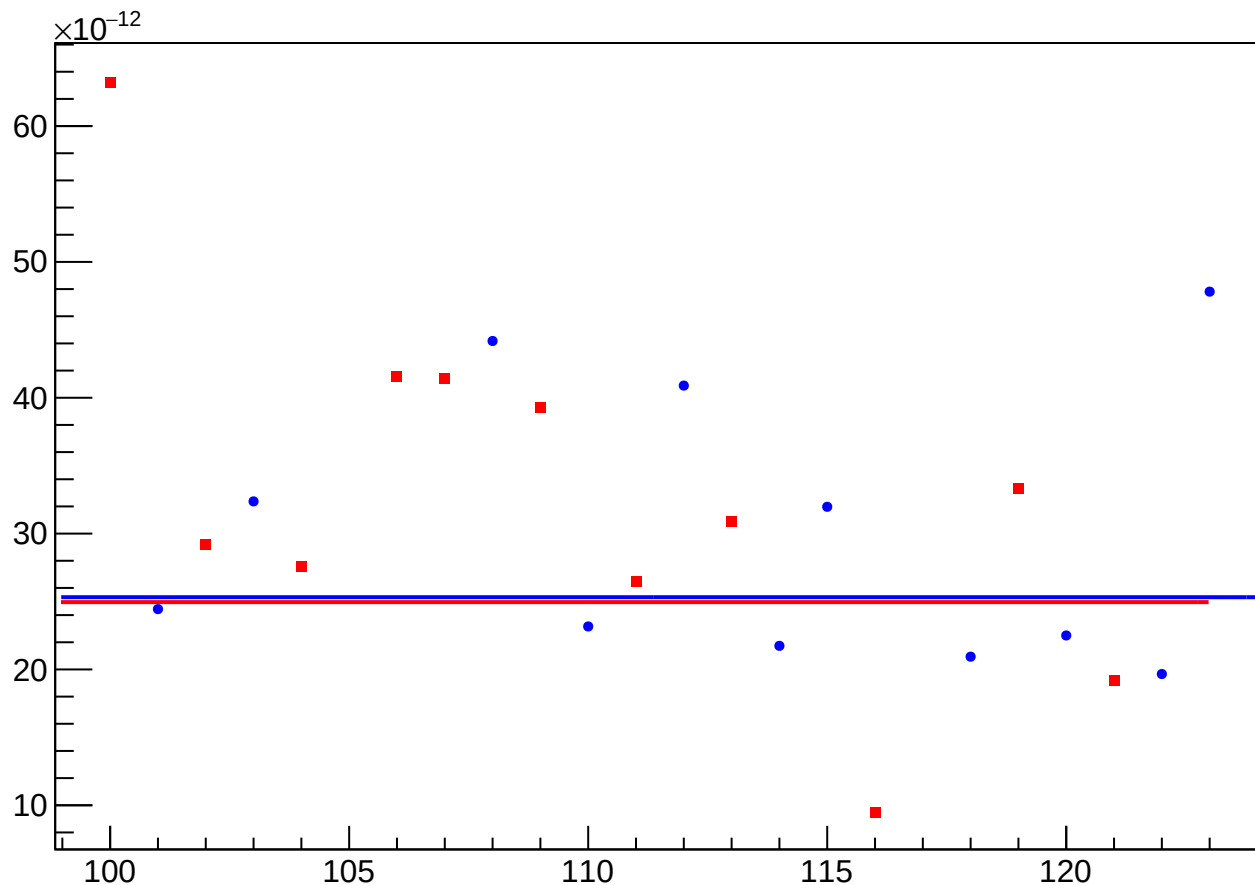
Right: -0.000 ± 0.000 χ^2/NDF : 25.1/21

In: -0.000 ± 0.000 χ^2/NDF : 10.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.1/21

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 370500.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 795613.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

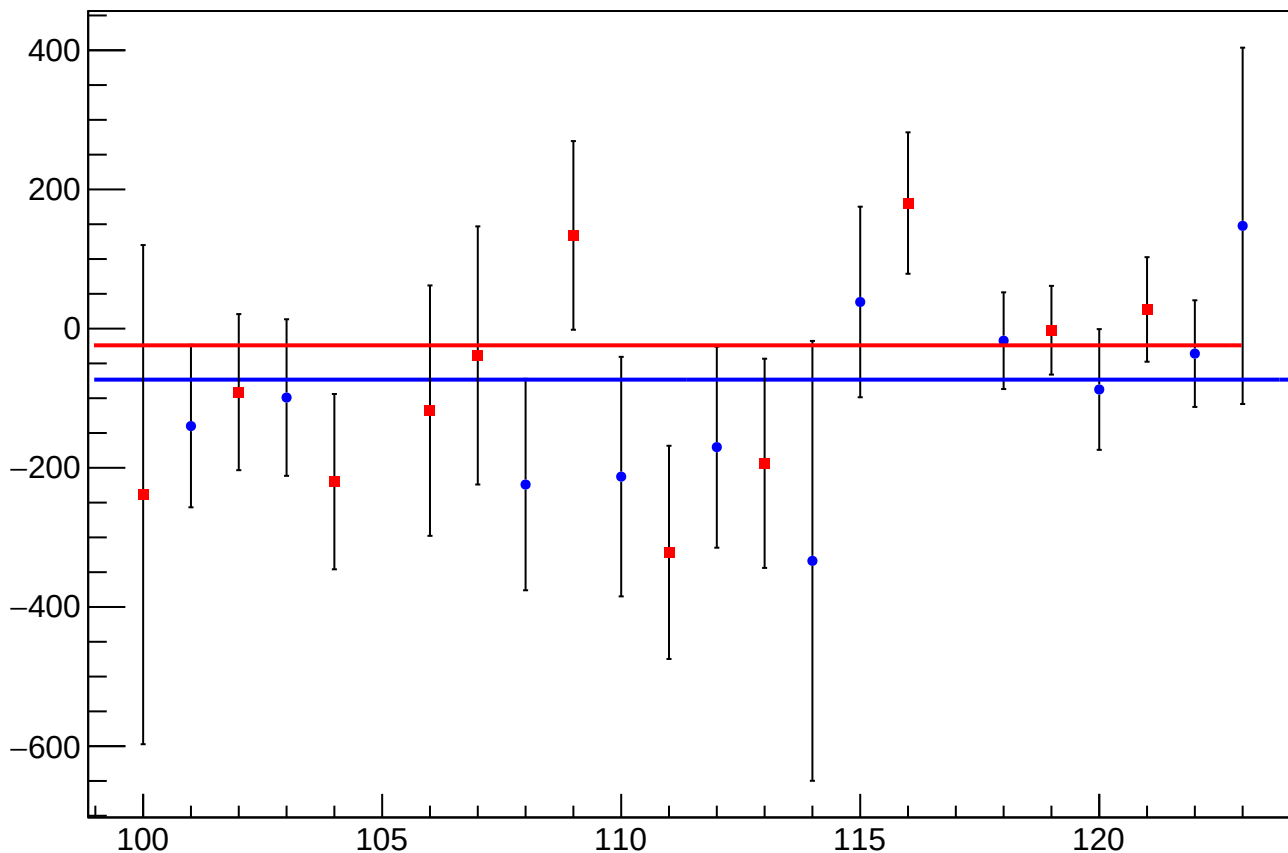
Right: 0.000+/-0.000 χ^2/NDF : 1166645.2/21

In: 0.000+/-0.000 χ^2/NDF : 370500.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1166645.2/21

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.304 ± 33.974 χ^2/NDF : 5.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.004 ± 33.870 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

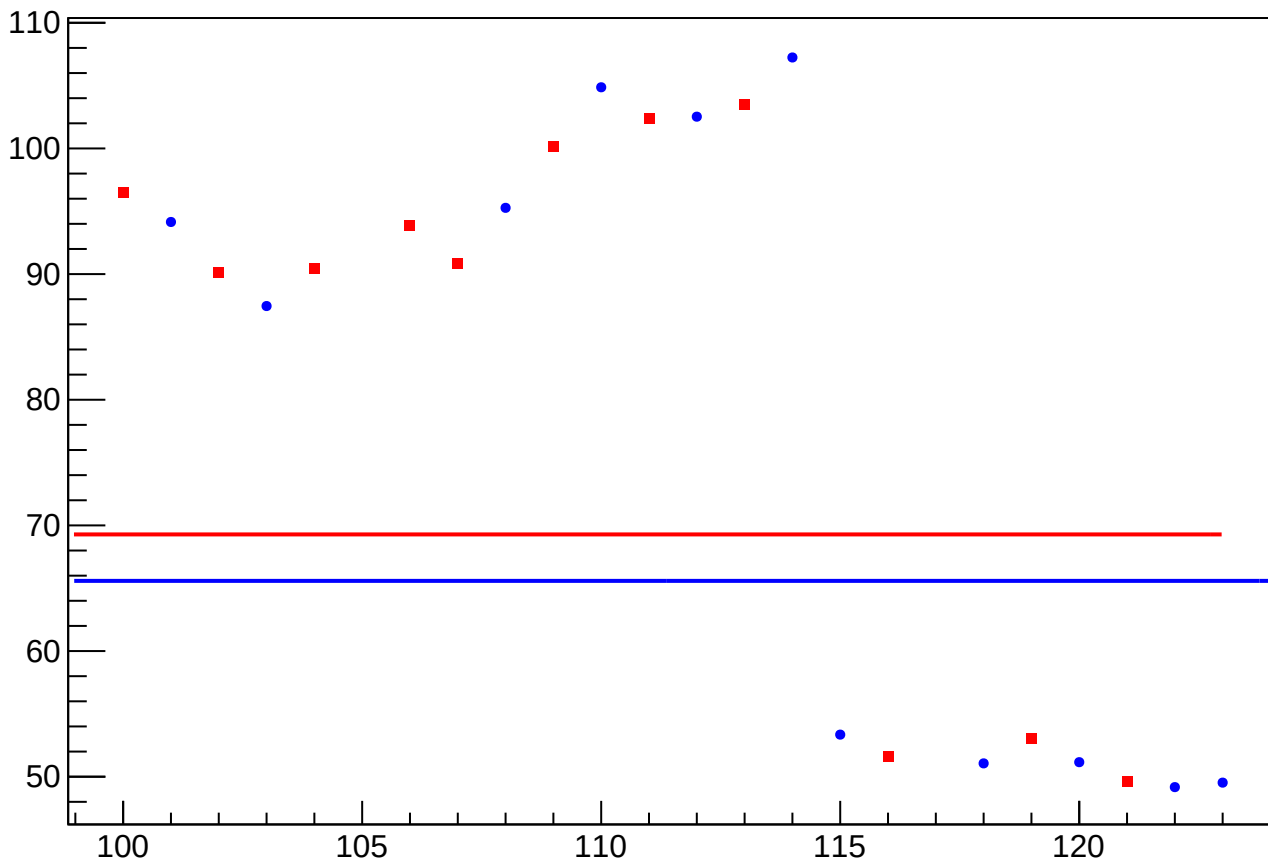
Right: -48.579 ± 23.986 χ^2/NDF : 21.0/21

In: -73.304 ± 33.974 χ^2/NDF : 5.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.579 ± 23.986 χ^2/NDF : 21.0/21

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.585+/-0.024 χ^2/NDF : 799613.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.282+/-0.024 χ^2/NDF : 829641.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

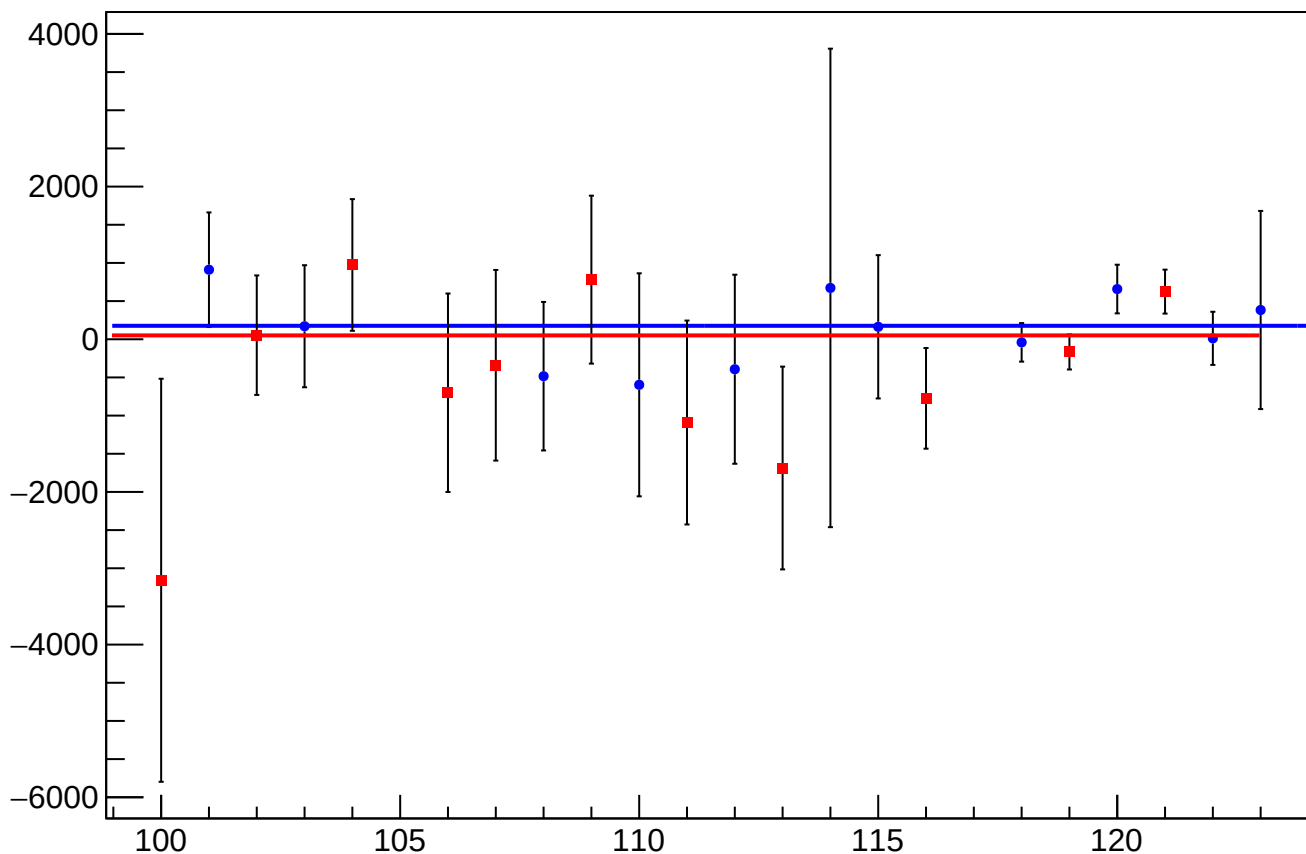
Right: 67.439+/-0.017 χ^2/NDF : 1641134.8/21

In: 65.585+/-0.024 χ^2/NDF : 799613.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.439+/-0.017 χ^2/NDF : 1641134.8/21

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 176.393 $\pm$ 155.887 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.617 $\pm$ 158.994 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

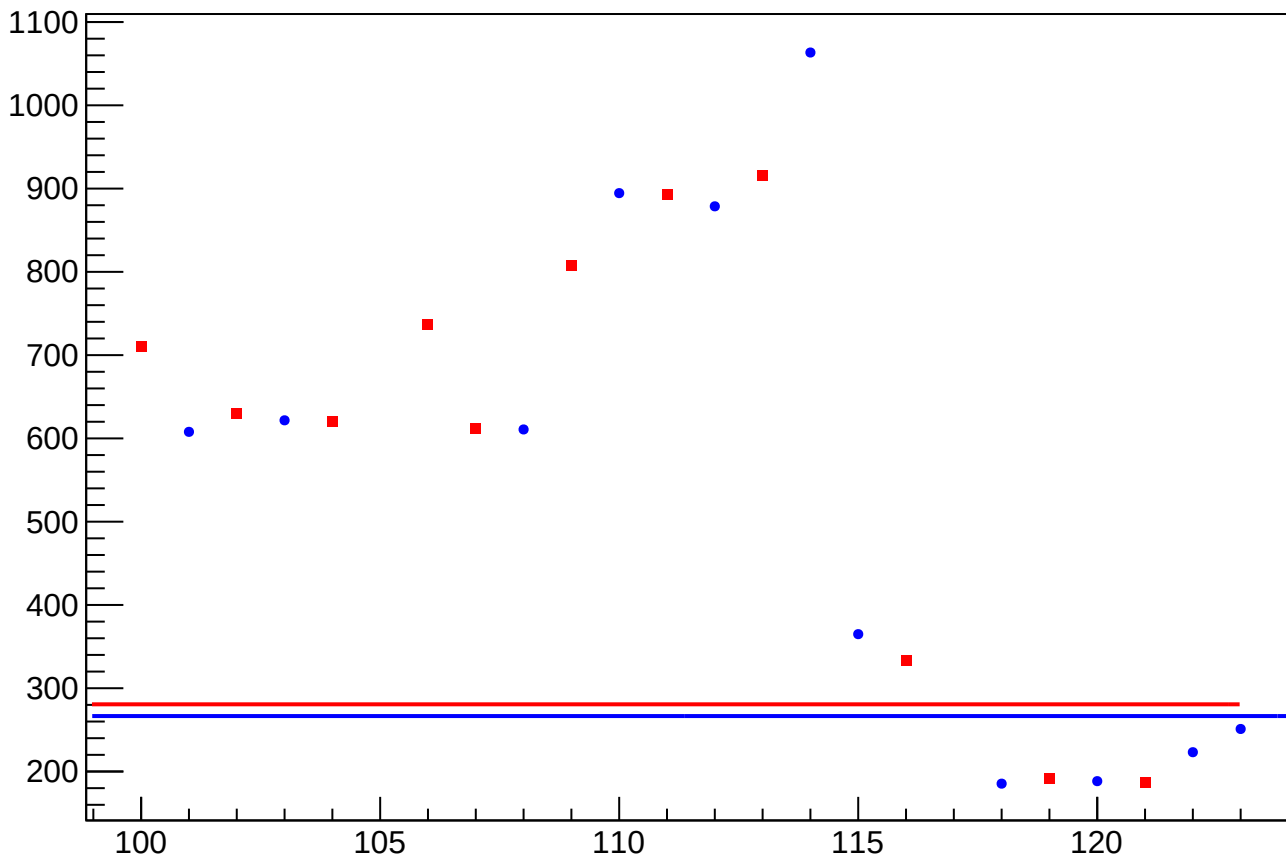
Right: 114.746 $\pm$ 111.311 χ^2 /NDF: 17.9/21

In: 176.393 $\pm$ 155.887 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.746 $\pm$ 111.311 χ^2 /NDF: 17.9/21

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 266.576+/-0.110 χ^2/NDF : 2426636.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.680+/-0.112 χ^2/NDF : 3015901.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

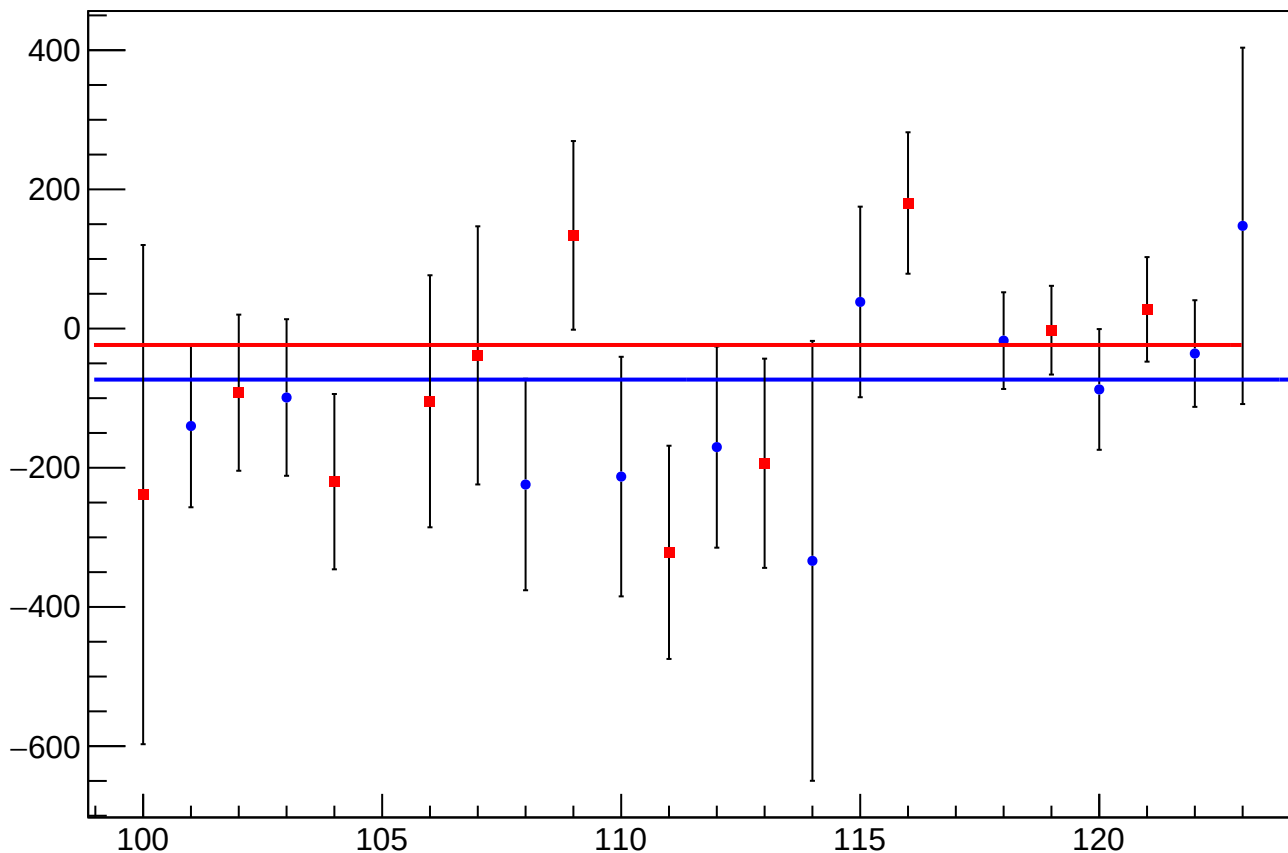
Right: 273.489+/-0.079 χ^2/NDF : 5450562.1/21

In: 266.576+/-0.110 χ^2/NDF : 2426636.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.489+/-0.079 χ^2/NDF : 5450562.1/21

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.307+/-33.974 χ^2/NDF : 5.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.577+/-33.878 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

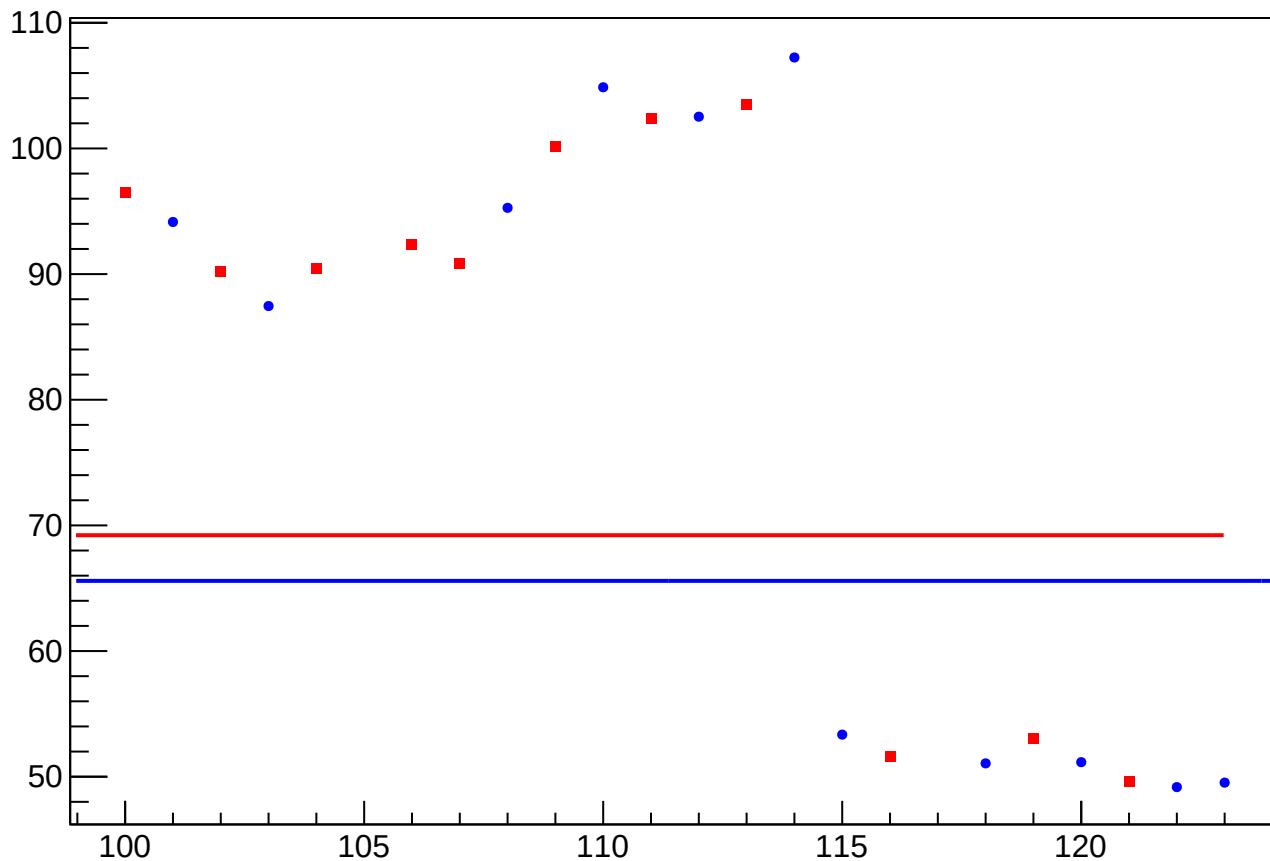
Right: -48.373+/-23.989 χ^2/NDF : 20.9/21

In: -73.307+/-33.974 χ^2/NDF : 5.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.373+/-23.989 χ^2/NDF : 20.9/21

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.585+/-0.024 χ^2/NDF : 799613.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.220+/-0.024 χ^2/NDF : 824883.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

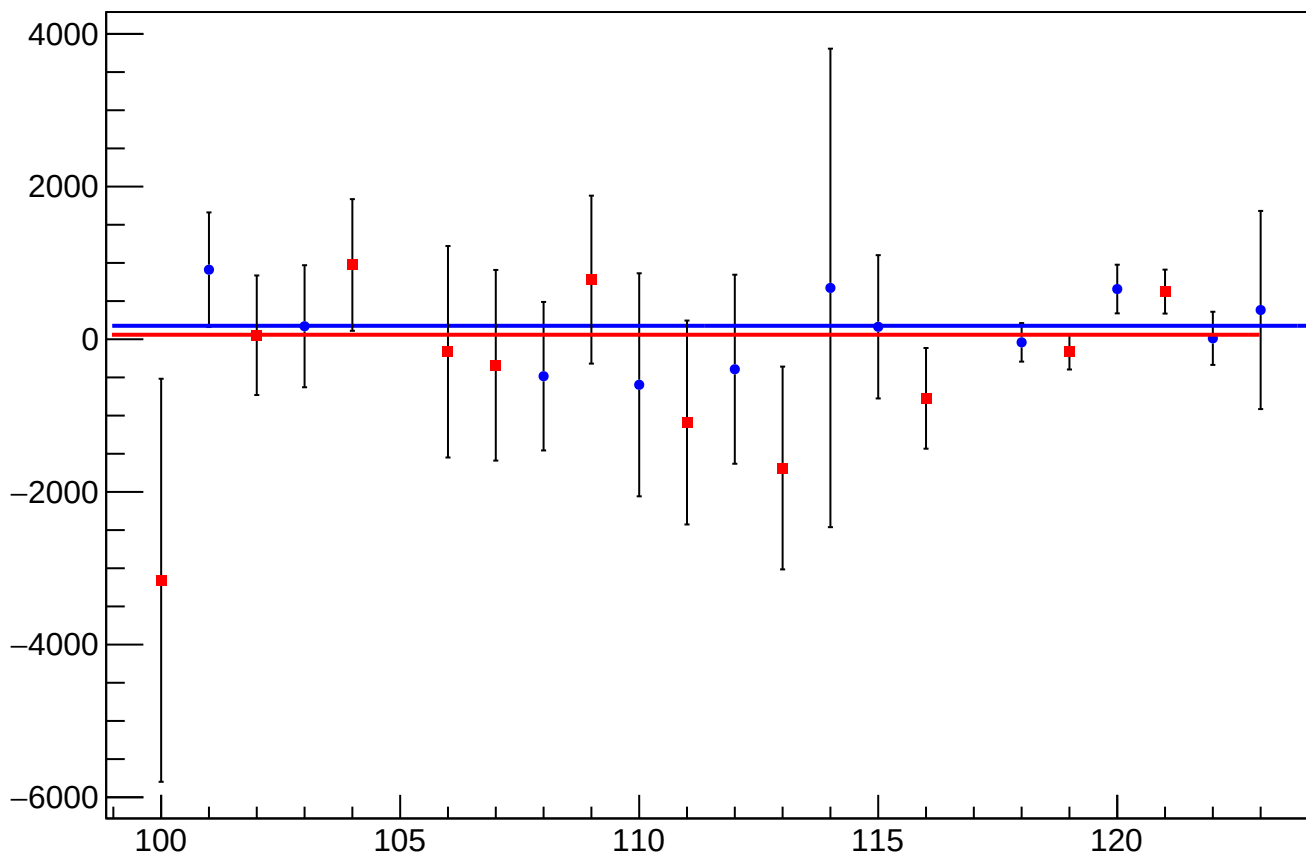
Right: 67.407+/-0.017 χ^2/NDF : 1635974.5/21

In: 65.585+/-0.024 χ^2/NDF : 799613.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.407+/-0.017 χ^2/NDF : 1635974.5/21

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.385 $\pm$ 155.886 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.985 $\pm$ 159.139 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

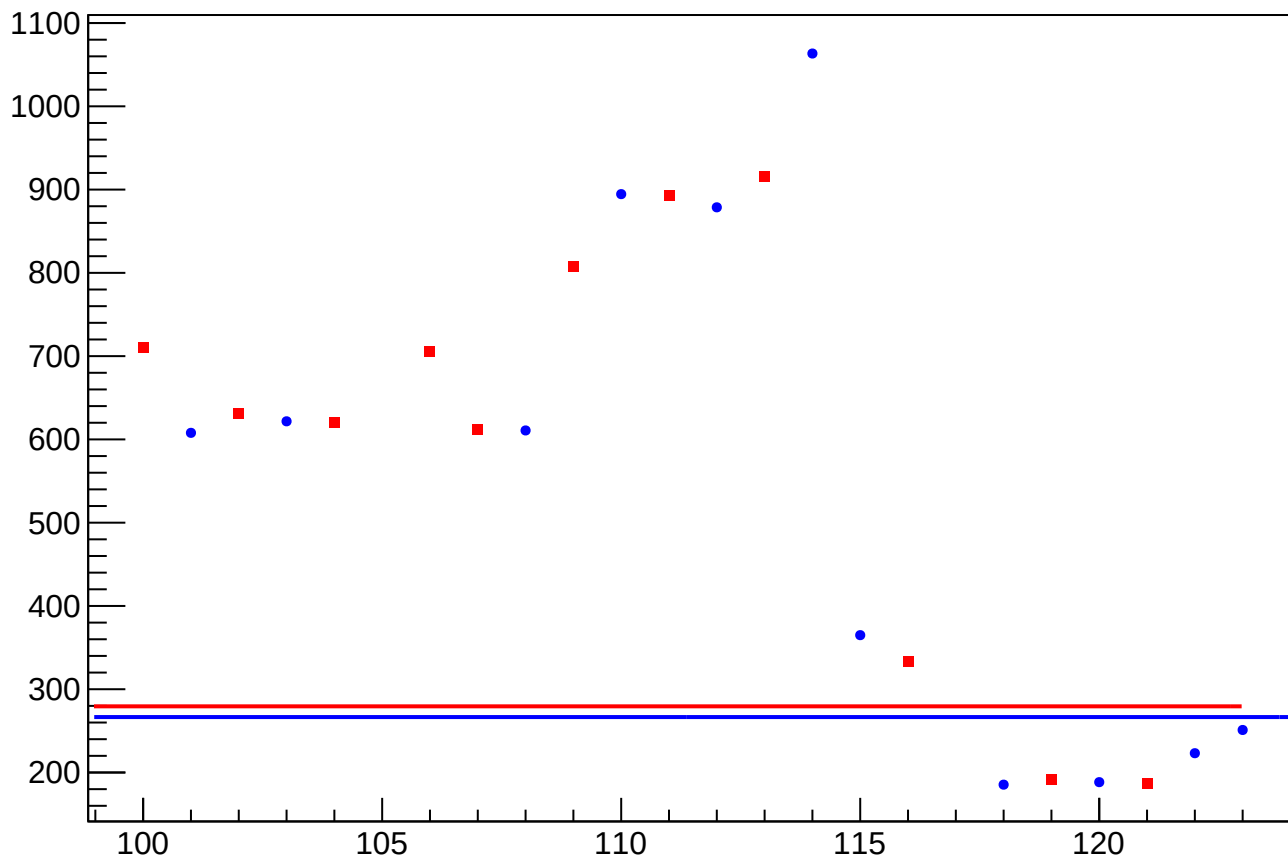
Right: 118.897 $\pm$ 111.361 χ^2 /NDF: 17.5/21

In: 176.385 $\pm$ 155.886 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.897 $\pm$ 111.361 χ^2 /NDF: 17.5/21

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 266.575+/-0.110 χ^2/NDF : 2426653.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.452+/-0.113 χ^2/NDF : 2957866.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

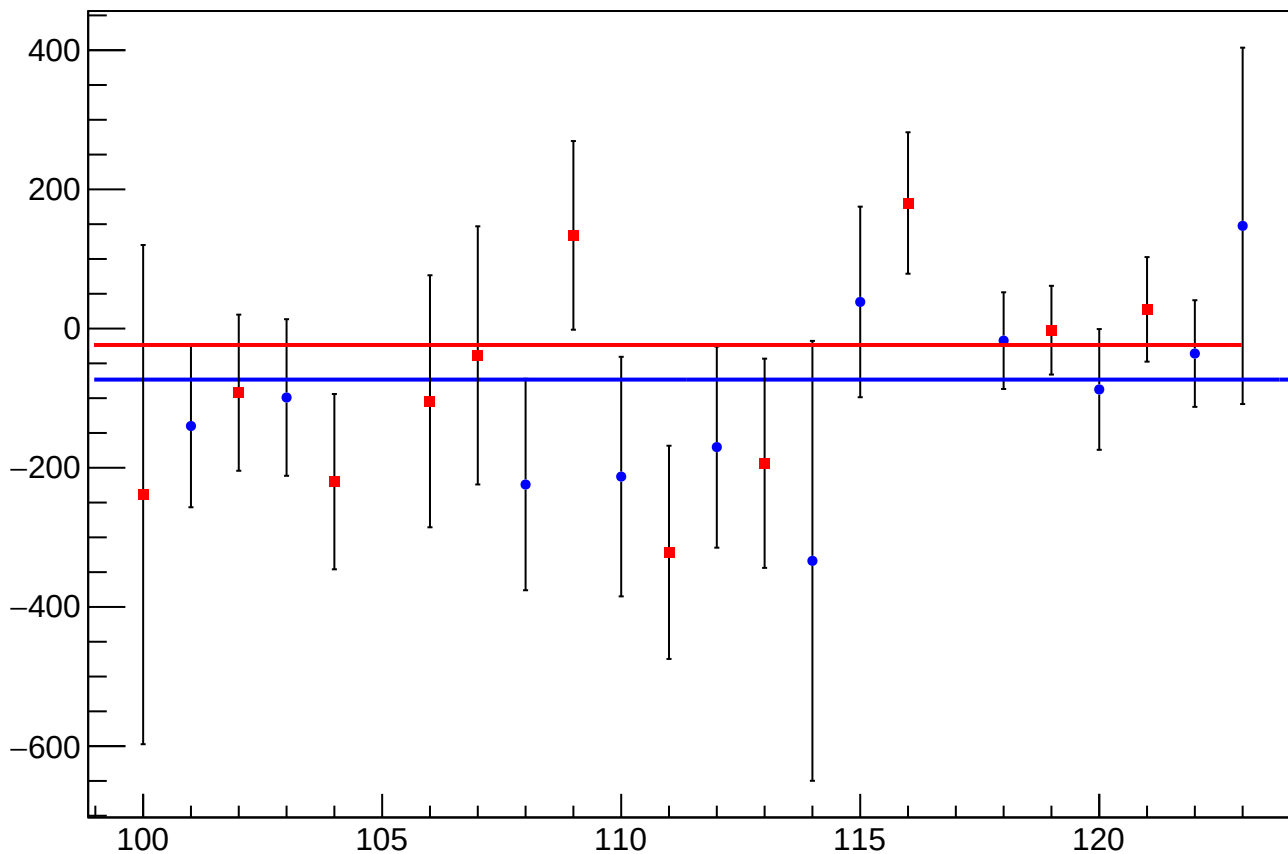
Right: 272.881+/-0.079 χ^2/NDF : 5391202.7/21

In: 266.575+/-0.110 χ^2/NDF : 2426653.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.881+/-0.079 χ^2/NDF : 5391202.7/21

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.307+/-33.974 χ^2/NDF : 5.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.577+/-33.878 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

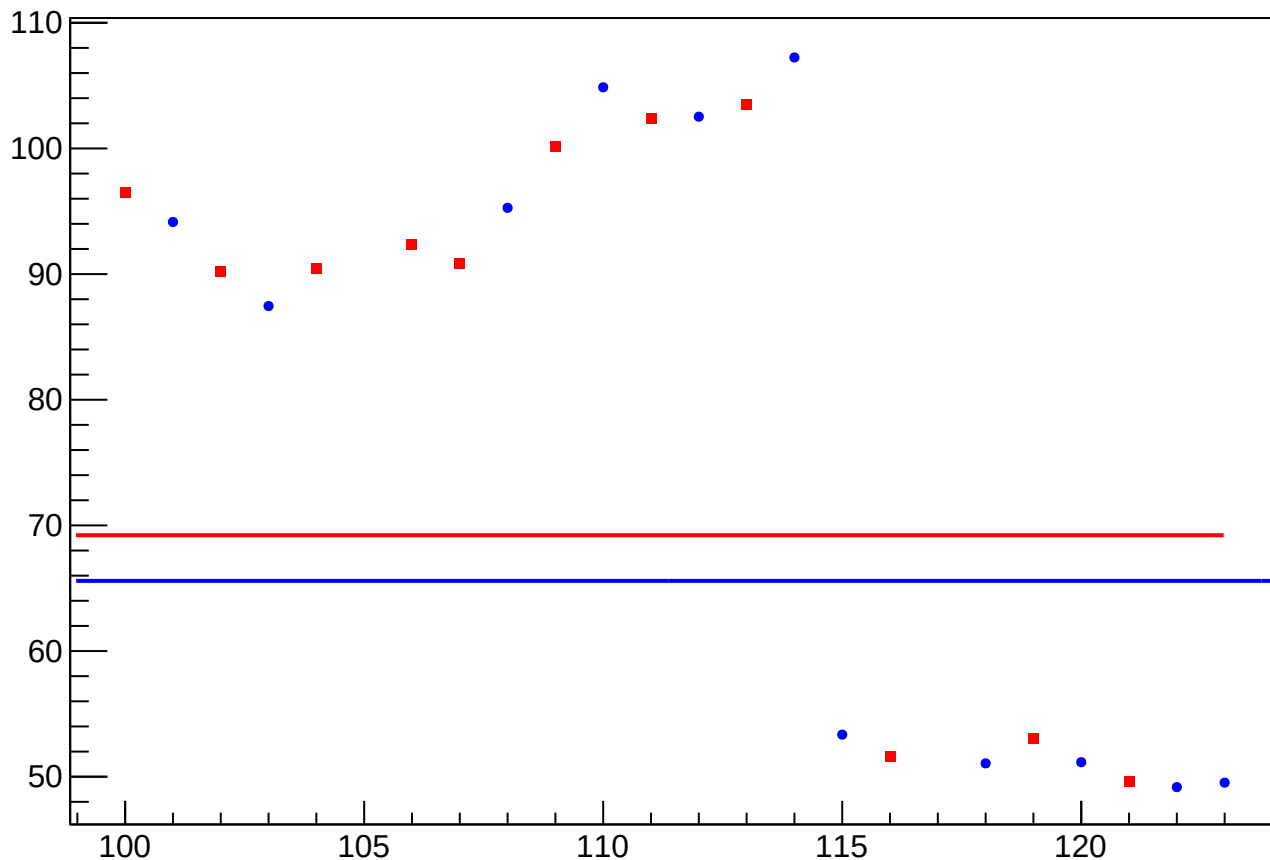
Right: -48.373+/-23.989 χ^2/NDF : 20.9/21

In: -73.307+/-33.974 χ^2/NDF : 5.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.373+/-23.989 χ^2/NDF : 20.9/21

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.585+/-0.024 χ^2/NDF : 799613.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.220+/-0.024 χ^2/NDF : 824883.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

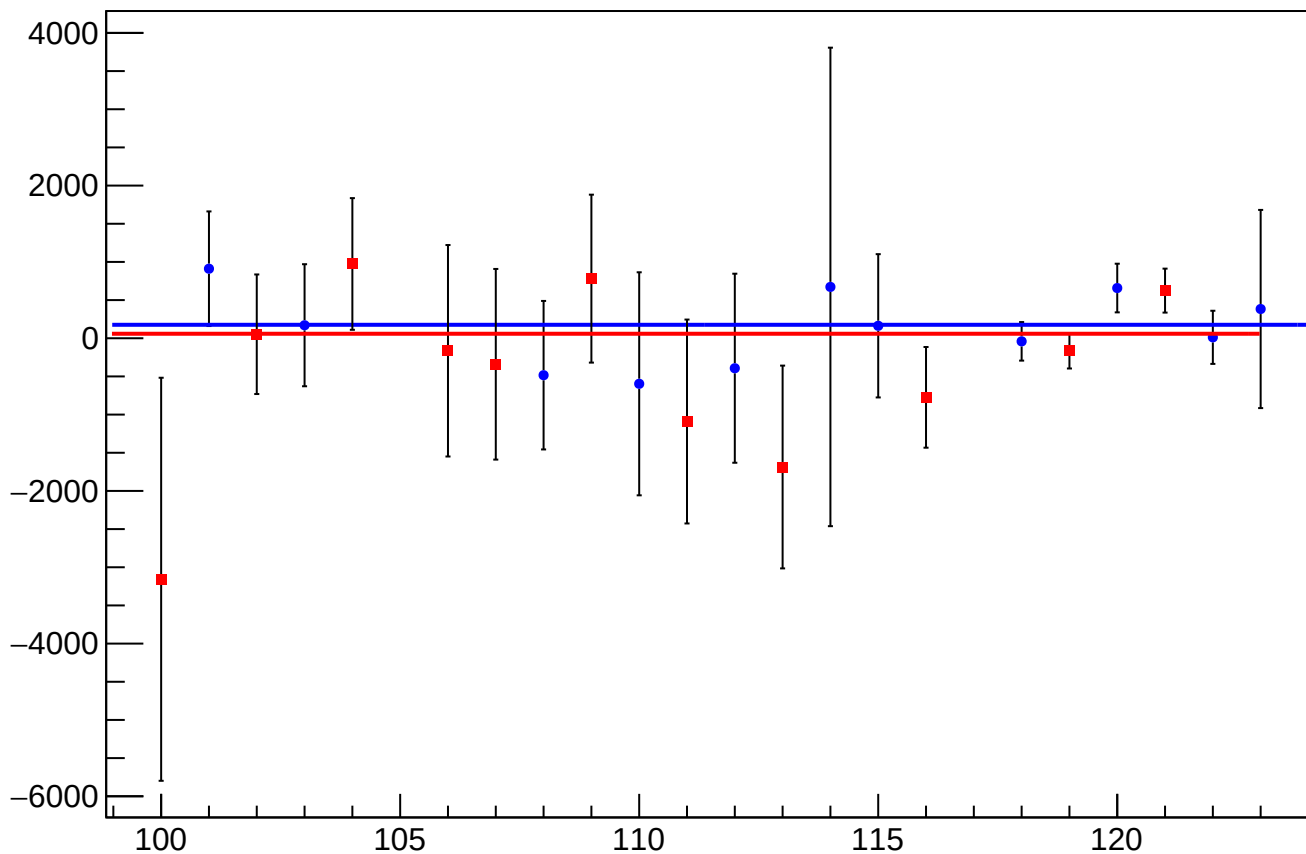
Right: 67.407+/-0.017 χ^2/NDF : 1635974.5/21

In: 65.585+/-0.024 χ^2/NDF : 799613.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.407+/-0.017 χ^2/NDF : 1635974.5/21

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.385 $\pm$ 155.886 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.985 $\pm$ 159.139 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

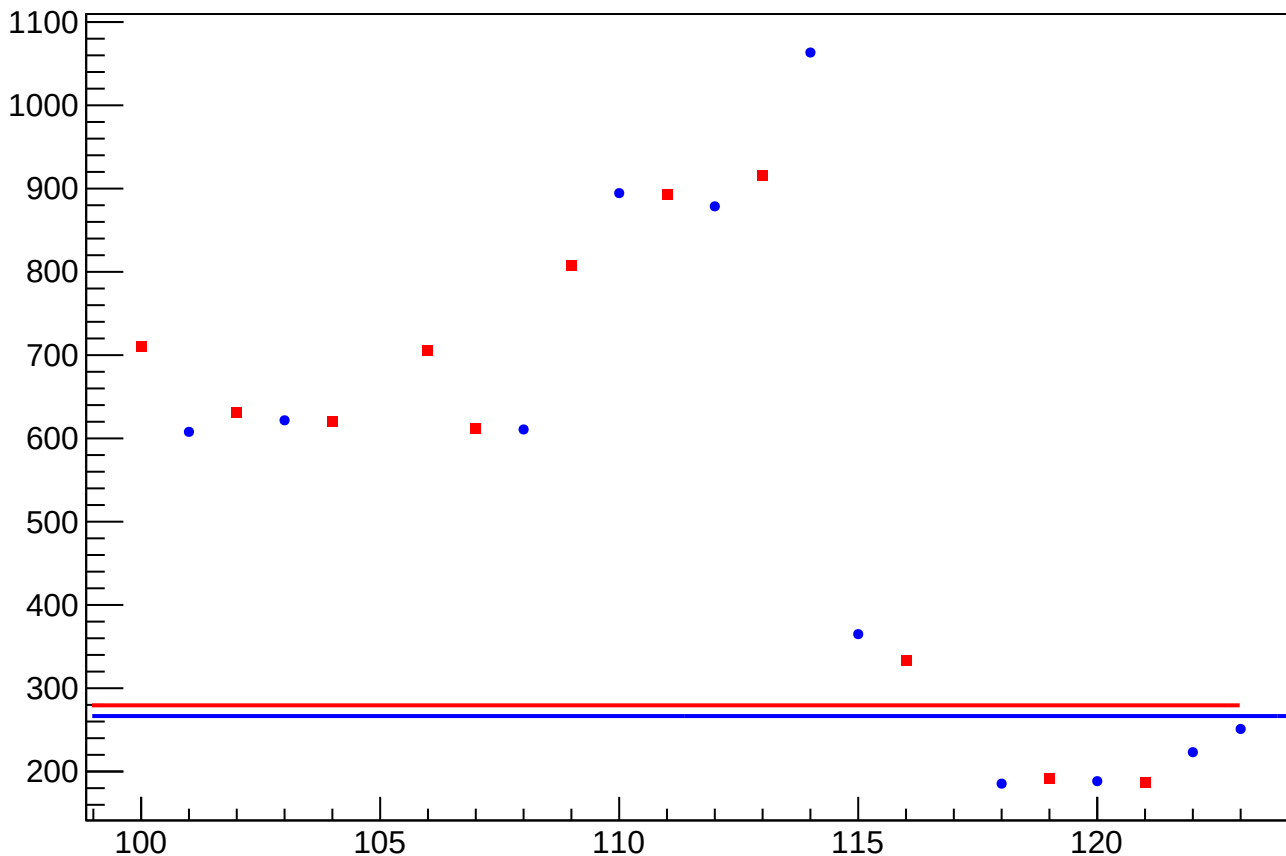
Right: 118.897 $\pm$ 111.361 χ^2 /NDF: 17.5/21

In: 176.385 $\pm$ 155.886 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.897 $\pm$ 111.361 χ^2 /NDF: 17.5/21

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 266.575+/-0.110 χ^2/NDF : 2426653.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.452+/-0.113 χ^2/NDF : 2957866.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

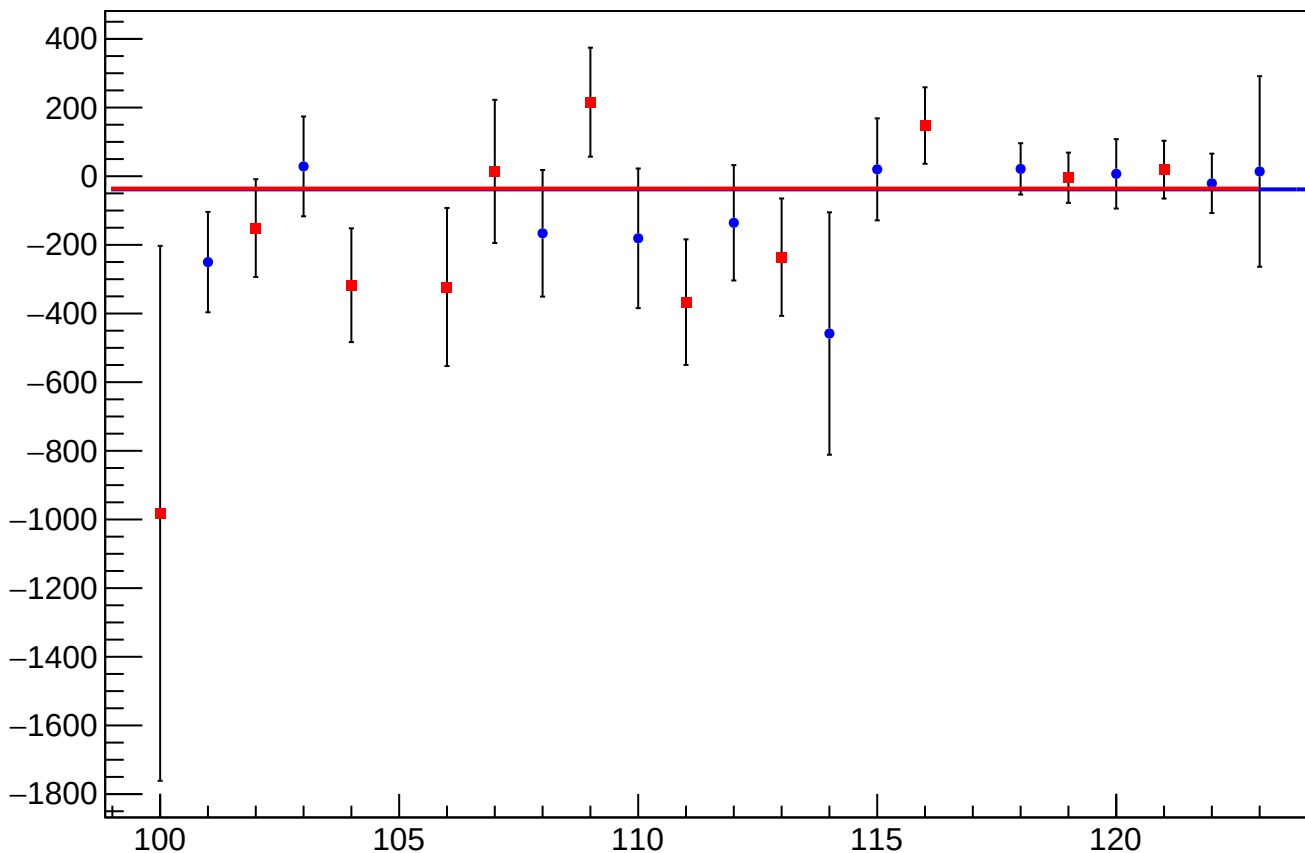
Right: 272.881+/-0.079 χ^2/NDF : 5391202.7/21

In: 266.575+/-0.110 χ^2/NDF : 2426653.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.881+/-0.079 χ^2/NDF : 5391202.7/21

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.294 ± 38.929 χ^2/NDF : 6.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.990 ± 39.483 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

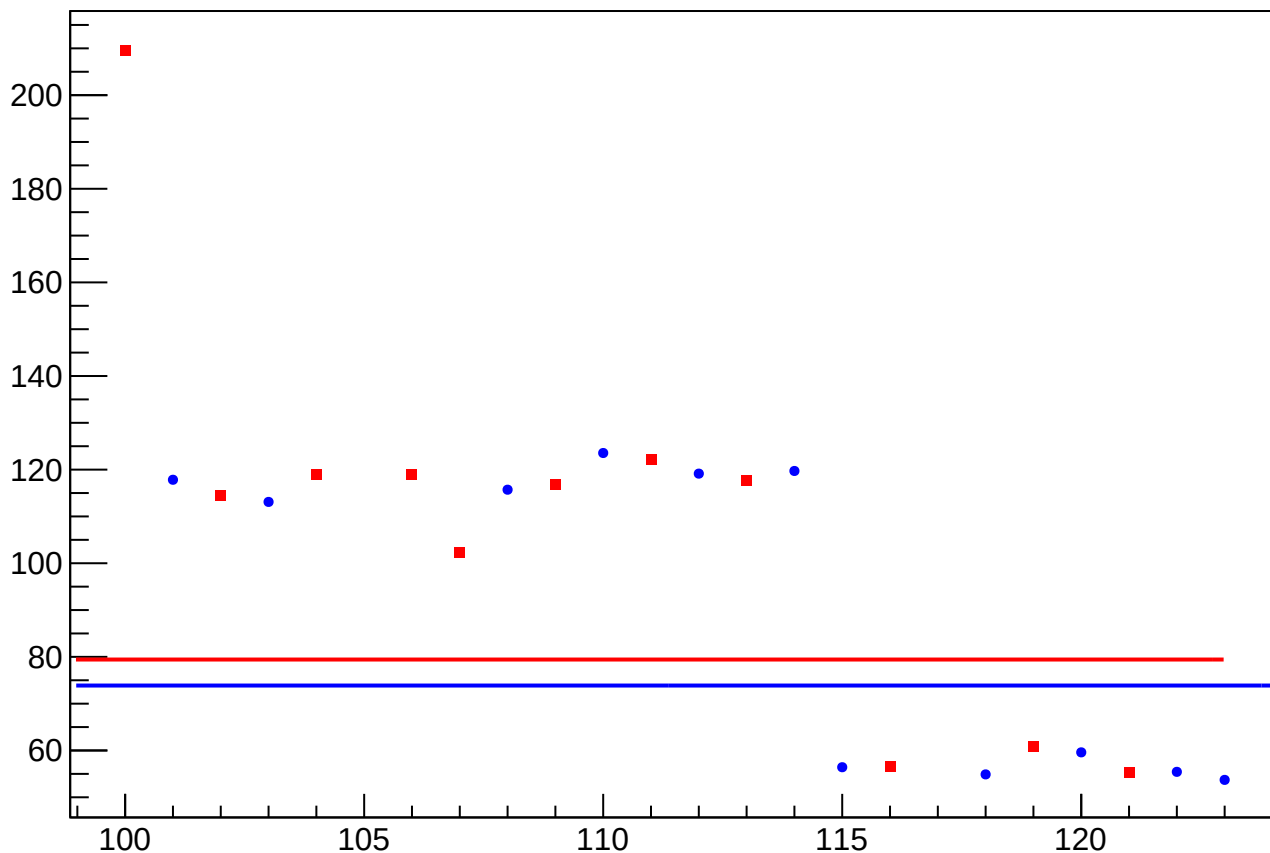
Right: -37.158 ± 27.721 χ^2/NDF : 23.2/21

In: -38.294 ± 38.929 χ^2/NDF : 6.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.158 ± 27.721 χ^2/NDF : 23.2/21

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 73.873+/-0.028 χ^2/NDF : 1025201.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.430+/-0.028 χ^2/NDF : 1073398.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

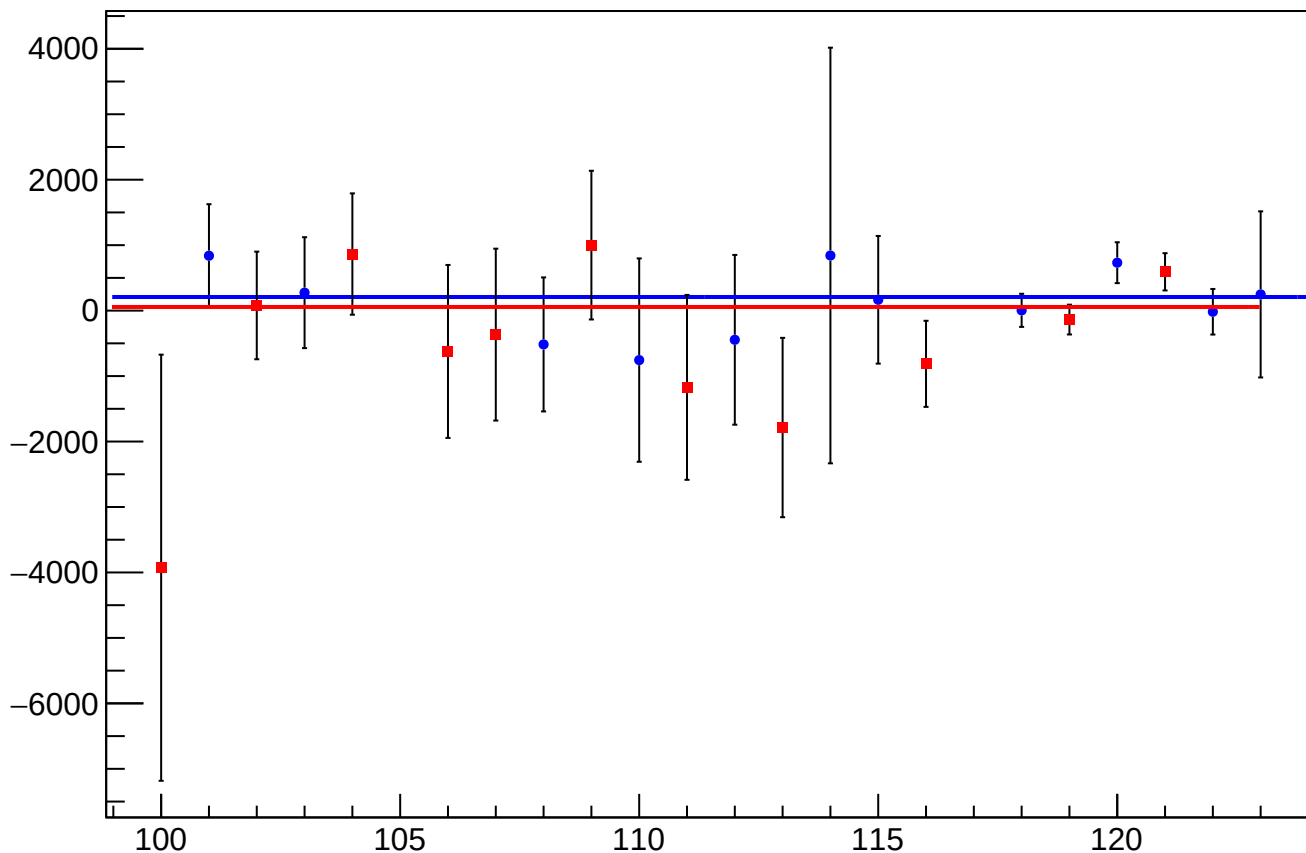
Right: 76.612+/-0.020 χ^2/NDF : 2118684.7/21

In: 73.873+/-0.028 χ^2/NDF : 1025201.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.612+/-0.020 χ^2/NDF : 2118684.7/21

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.124+/-156.399 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.783+/-158.768 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

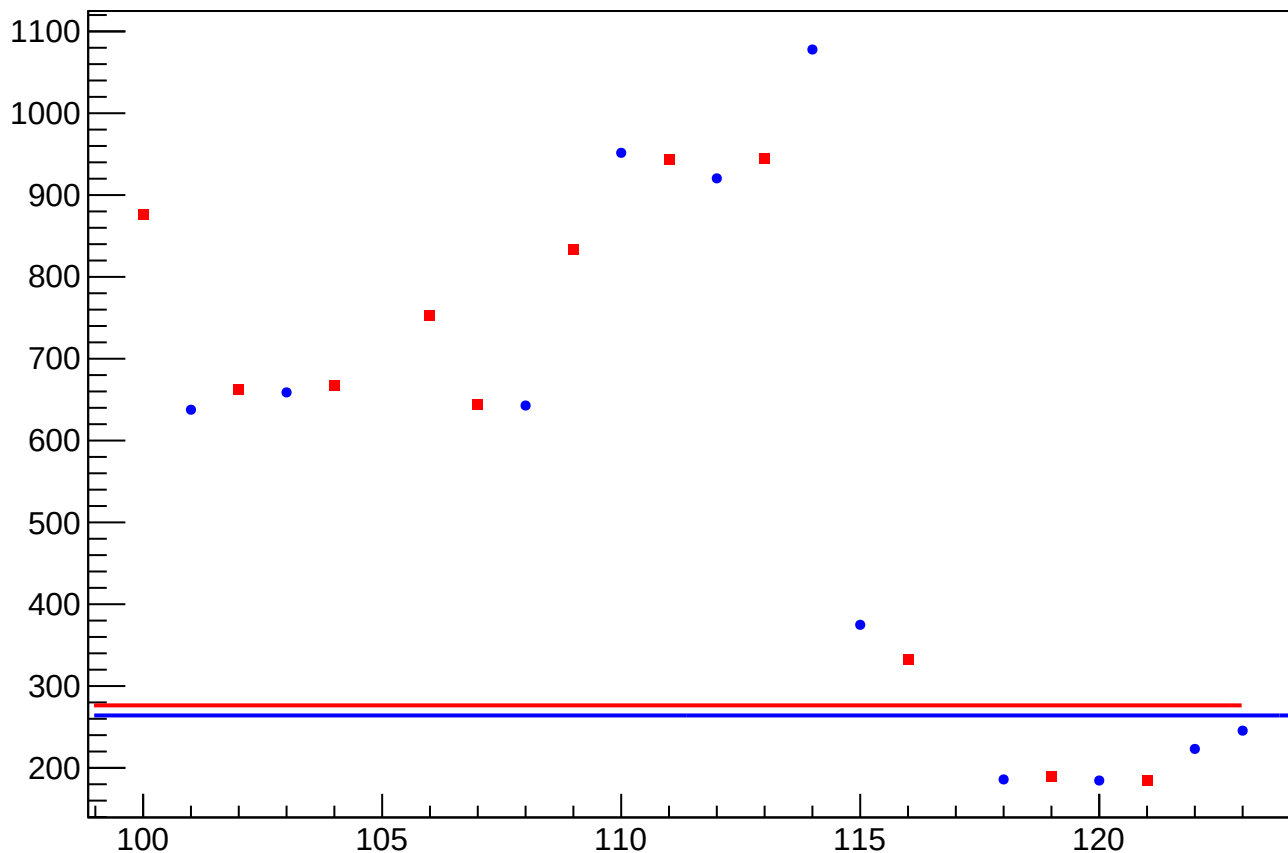
Right: 133.098+/-111.419 χ^2/NDF : 18.1/21

In: 208.124+/-156.399 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.098+/-111.419 χ^2/NDF : 18.1/21

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 264.081+/-0.111 χ^2/NDF : 2568998.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.395+/-0.112 χ^2/NDF : 3202203.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

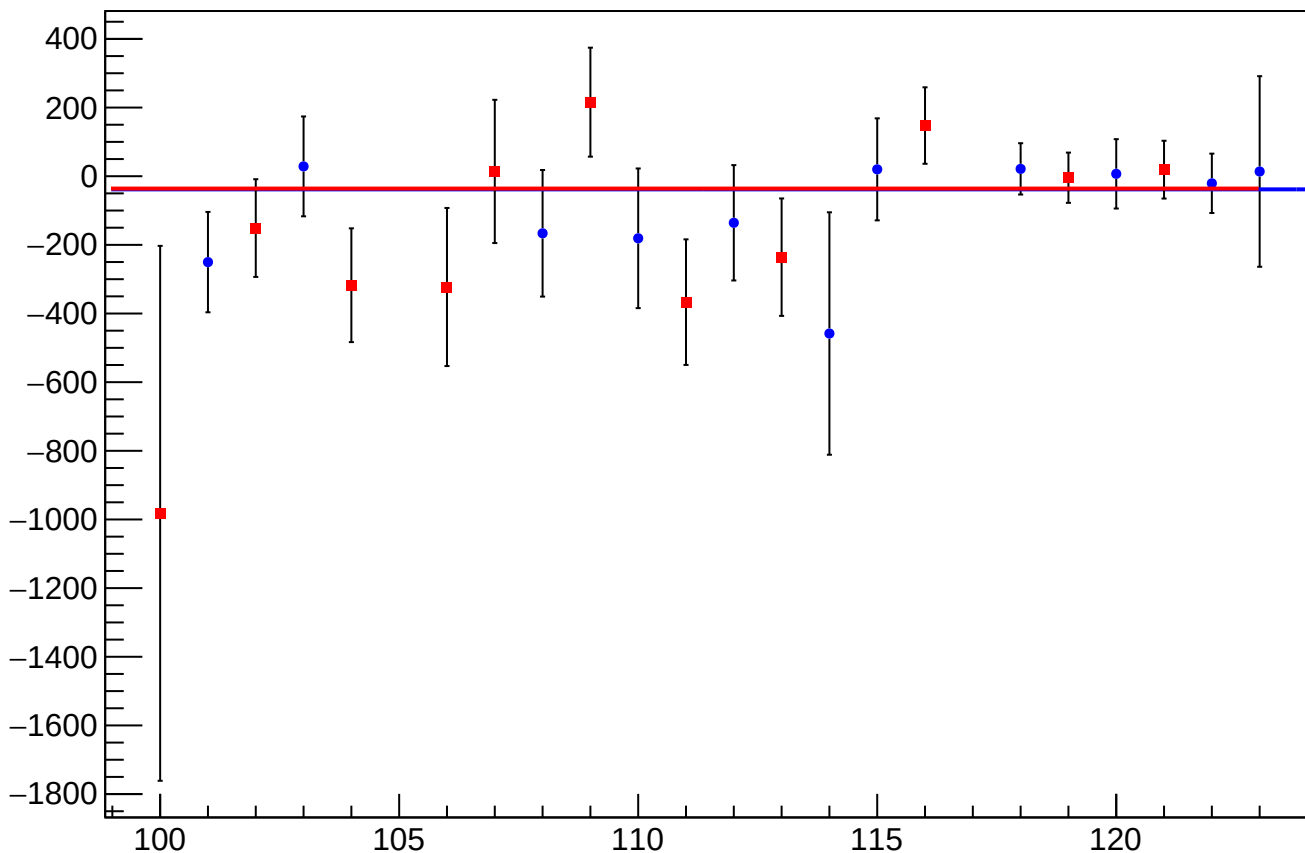
Right: 270.145+/-0.079 χ^2/NDF : 5777308.2/21

In: 264.081+/-0.111 χ^2/NDF : 2568998.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.145+/-0.079 χ^2/NDF : 5777308.2/21

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.295 ± 38.929 χ^2/NDF : 6.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.990 ± 39.482 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

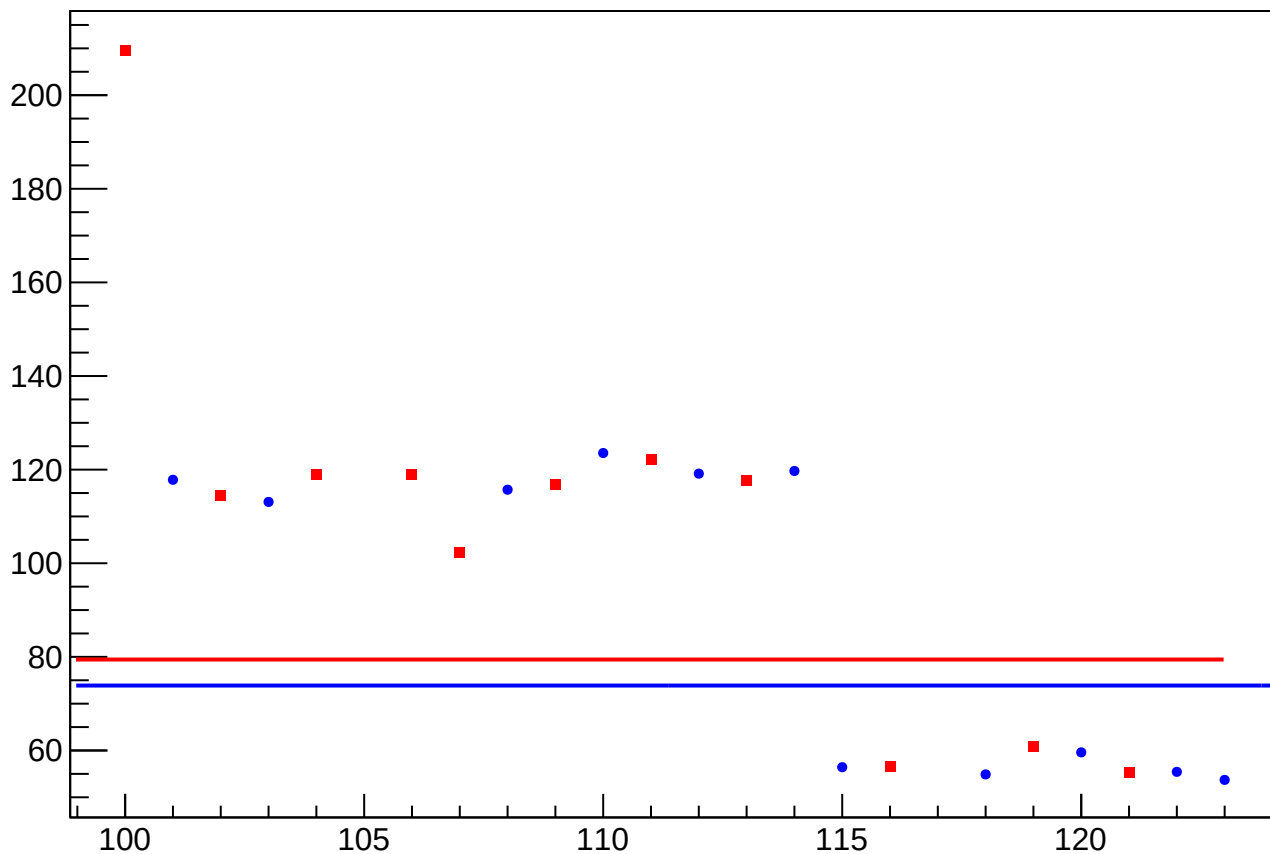
Right: -37.159 ± 27.721 χ^2/NDF : 23.2/21

In: -38.295 ± 38.929 χ^2/NDF : 6.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.159 ± 27.721 χ^2/NDF : 23.2/21

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 73.873+/-0.028 χ^2/NDF : 1025190.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.429+/-0.028 χ^2/NDF : 1073386.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

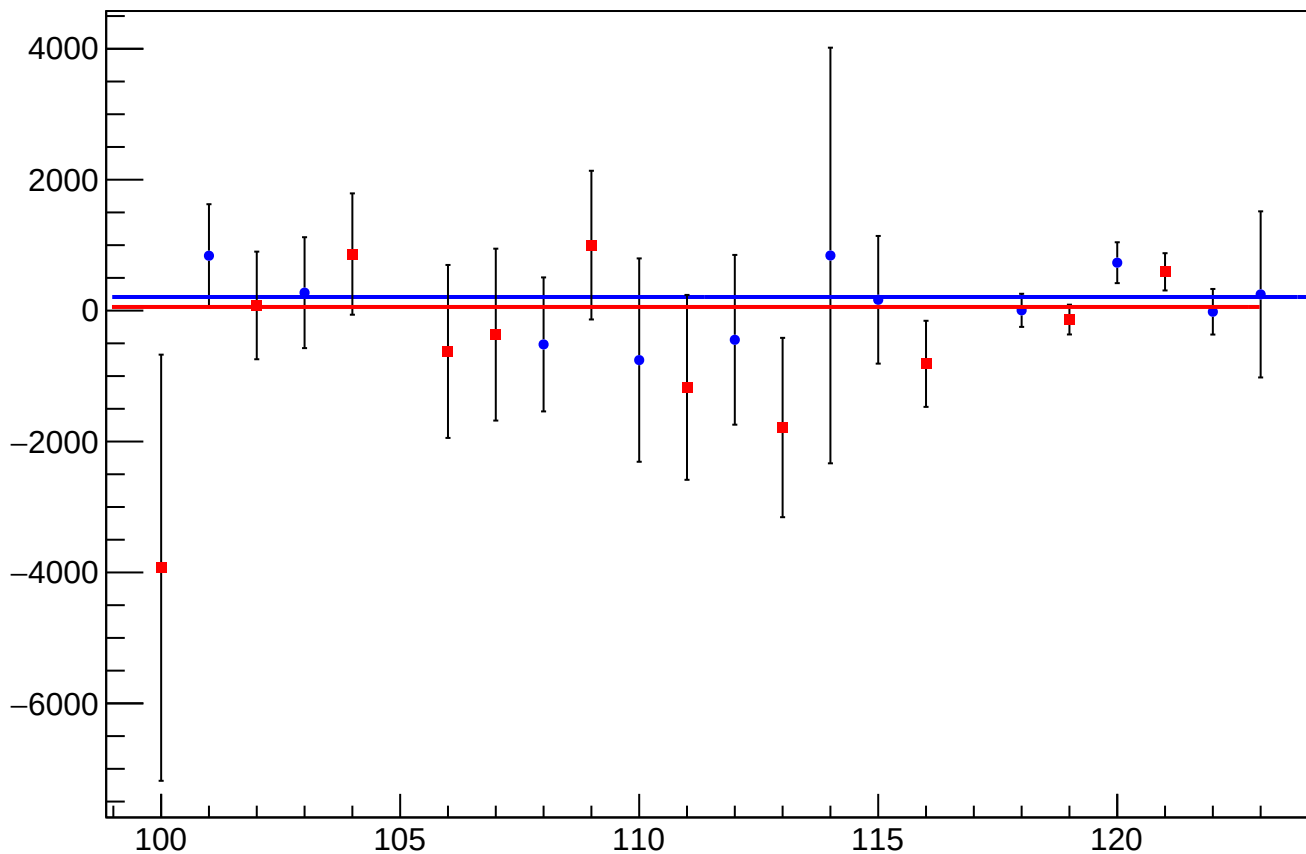
Right: 76.612+/-0.020 χ^2/NDF : 2118660.7/21

In: 73.873+/-0.028 χ^2/NDF : 1025190.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.612+/-0.020 χ^2/NDF : 2118660.7/21

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.121+/-156.399 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.781+/-158.768 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

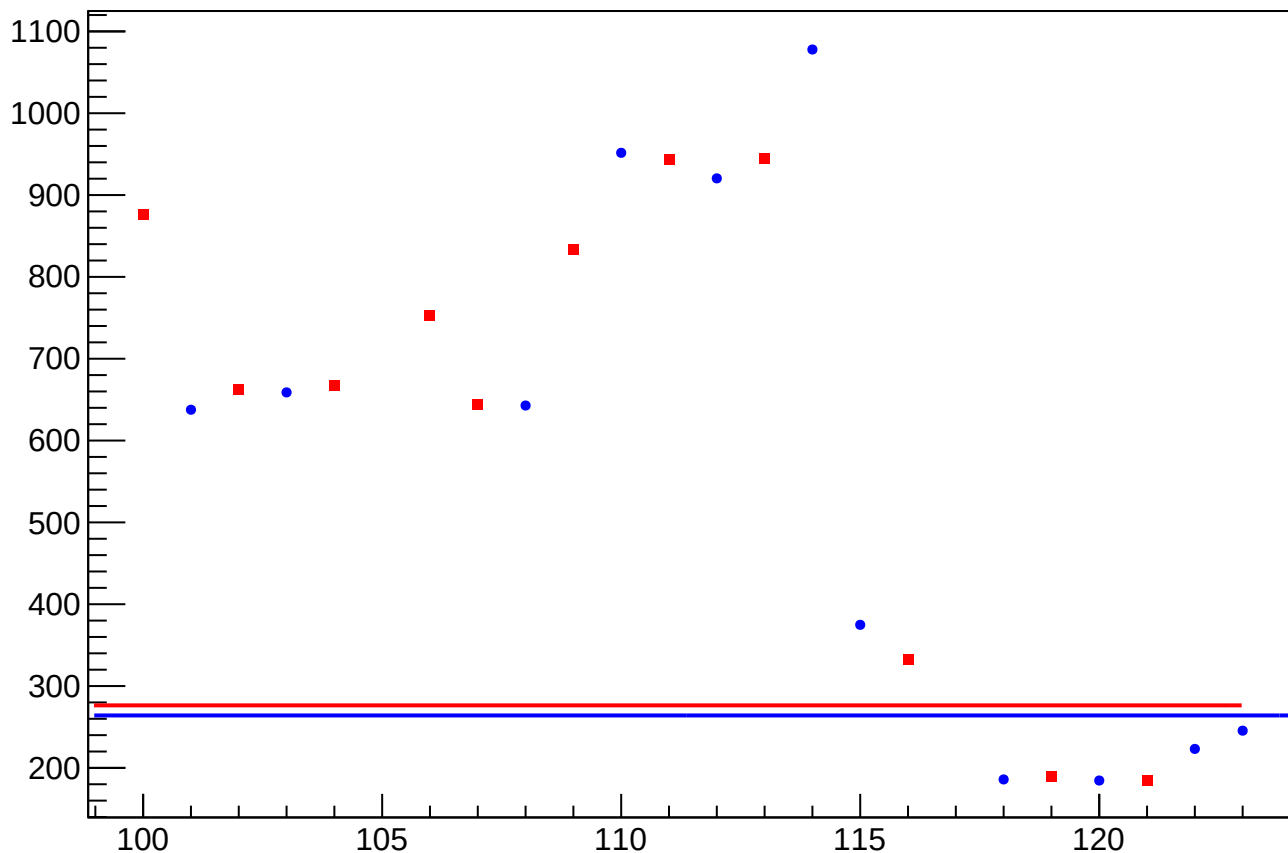
Right: 133.096+/-111.419 χ^2/NDF : 18.1/21

In: 208.121+/-156.399 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.096+/-111.419 χ^2/NDF : 18.1/21

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 264.081+/-0.111 χ^2/NDF : 2568994.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.395+/-0.112 χ^2/NDF : 3202192.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

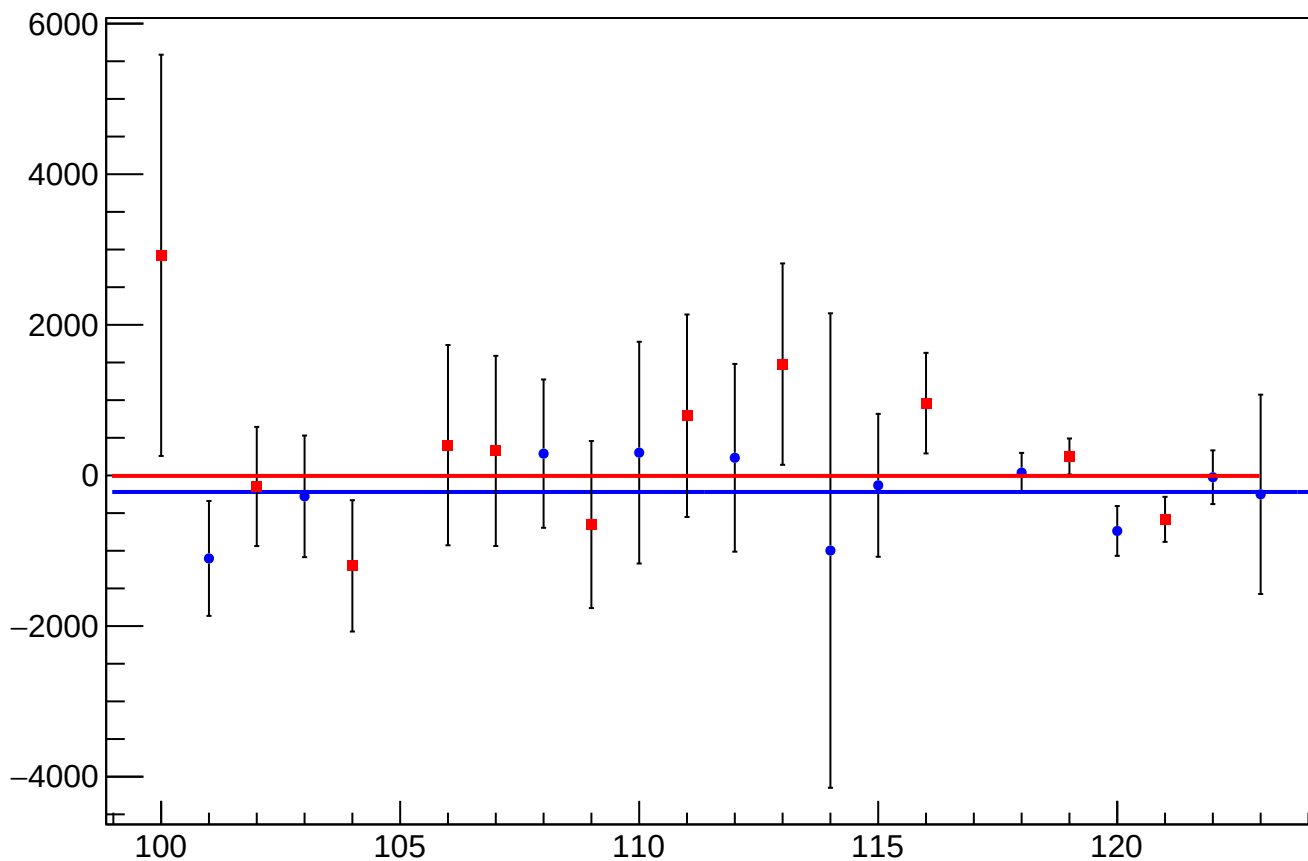
Right: 270.145+/-0.079 χ^2/NDF : 5777293.3/21

In: 264.081+/-0.111 χ^2/NDF : 2568994.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.145+/-0.079 χ^2/NDF : 5777293.3/21

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -219.248+/-160.628 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.911+/-164.349 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

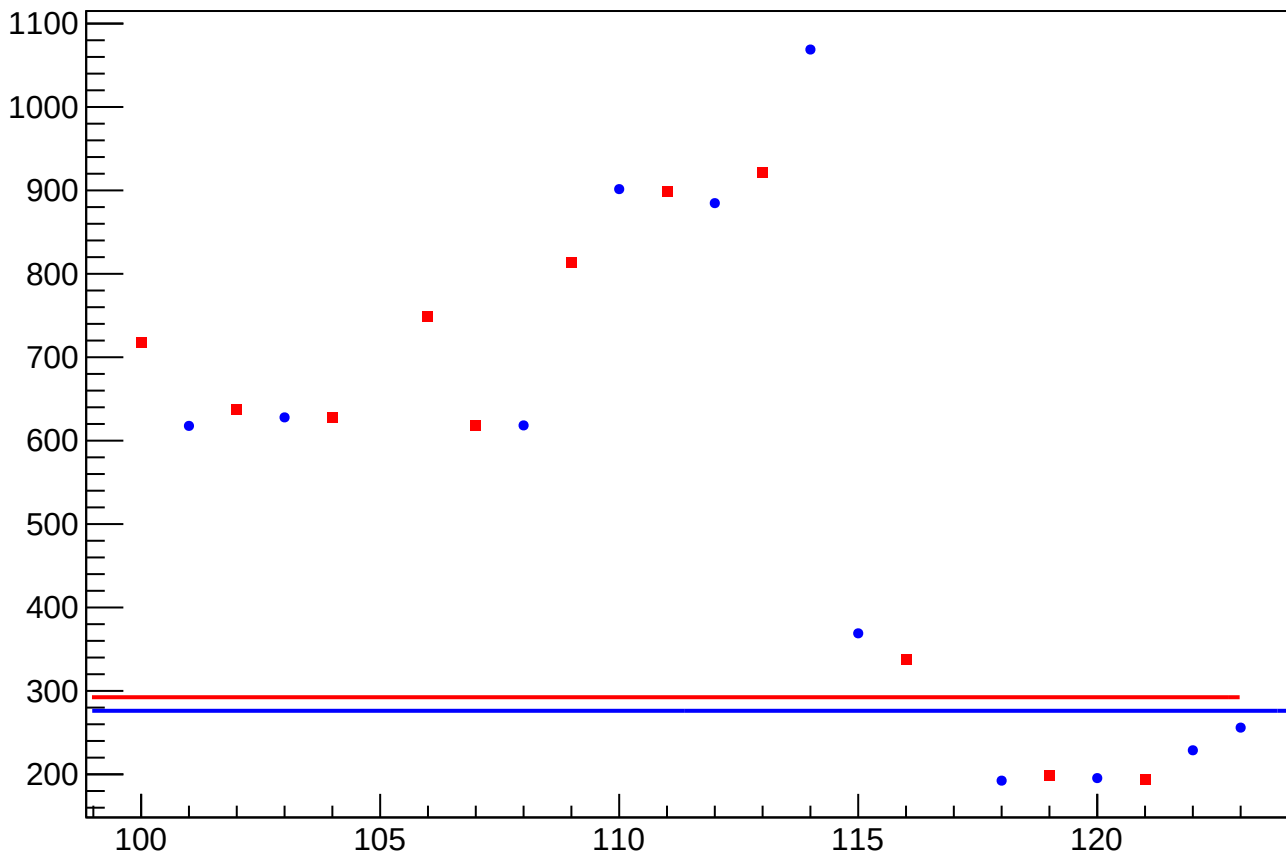
Right: -115.023+/-114.874 χ^2/NDF : 18.7/21

In: -219.248+/-160.628 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.023+/-114.874 χ^2/NDF : 18.7/21

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 276.158+/-0.114 χ^2/NDF : 2364395.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.430+/-0.116 χ^2/NDF : 2916098.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

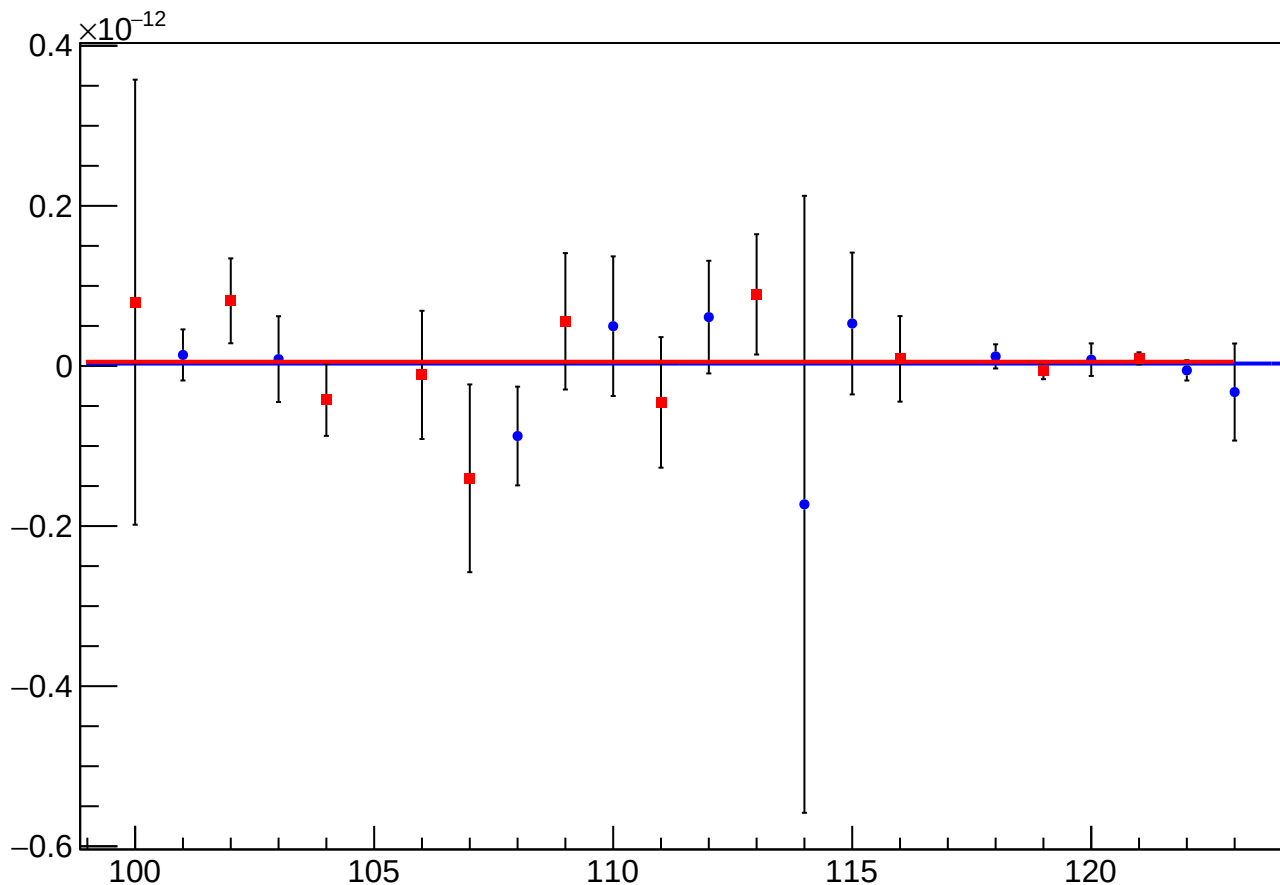
Right: 284.108+/-0.081 χ^2/NDF : 5290521.6/21

In: 276.158+/-0.114 χ^2/NDF : 2364395.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.108+/-0.081 χ^2/NDF : 5290521.6/21

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/10

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

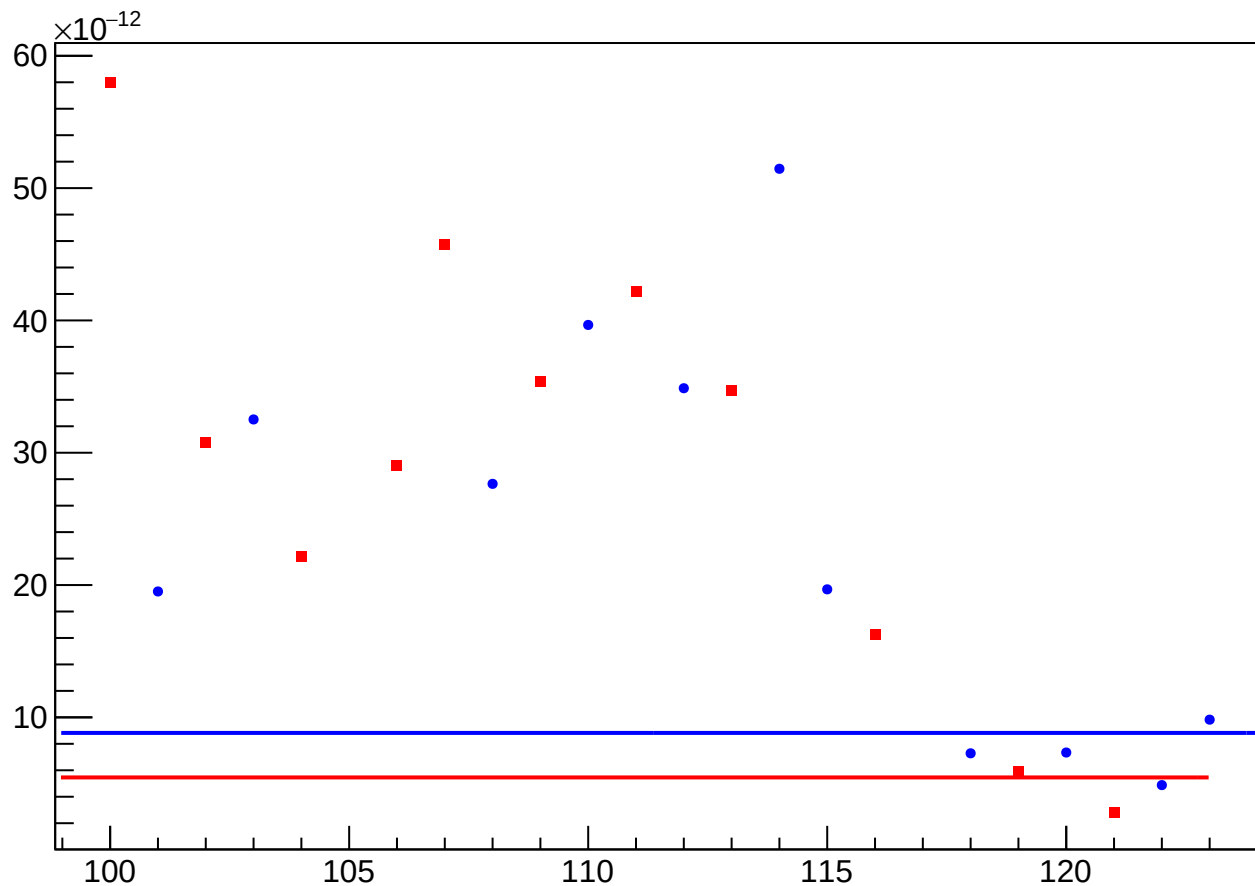
Right: 0.000+/-0.000 χ^2/NDF : 13.0/21

In: 0.000+/-0.000 χ^2/NDF : 5.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.0/21

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1606410.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2499088.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

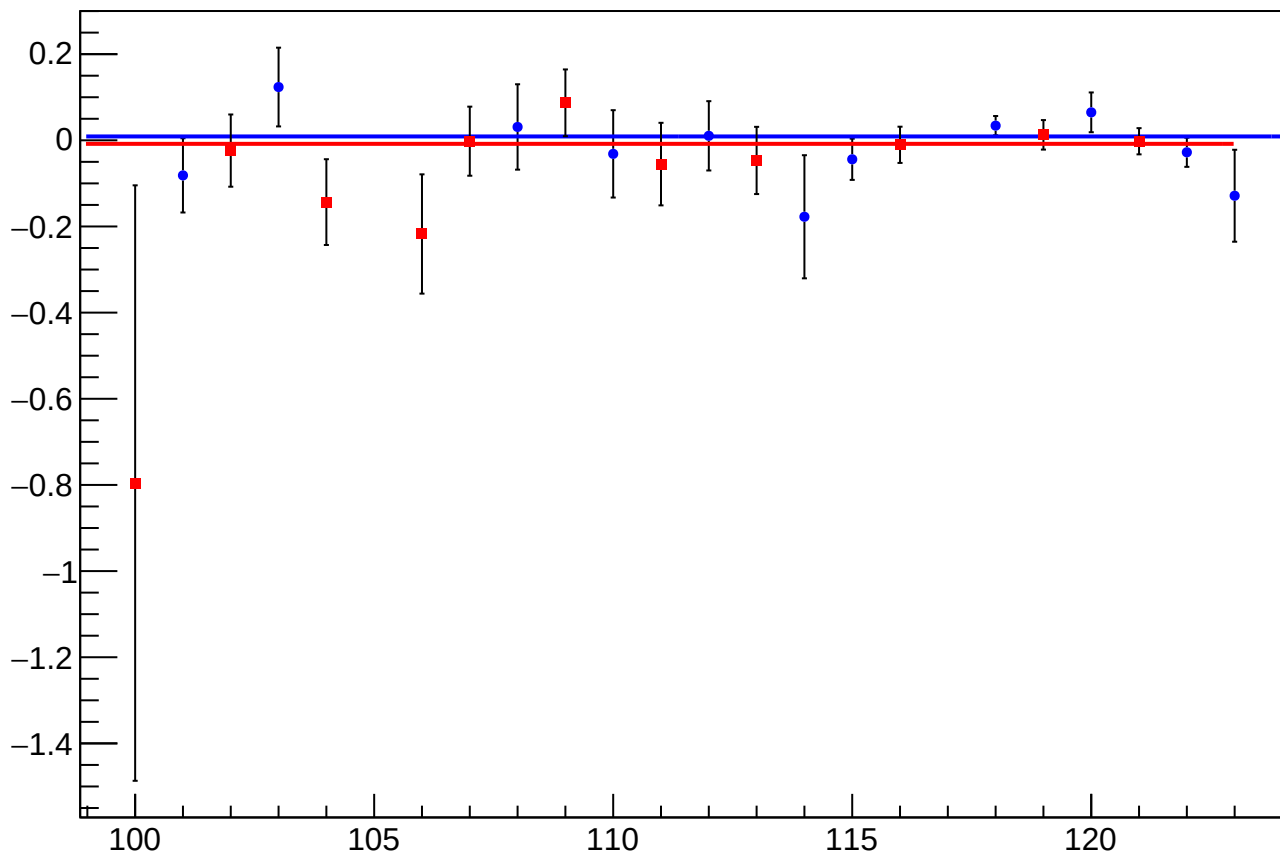
Right: 0.000+/-0.000 χ^2/NDF : 4328141.4/21

In: 0.000+/-0.000 χ^2/NDF : 1606410.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4328141.4/21

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.017 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

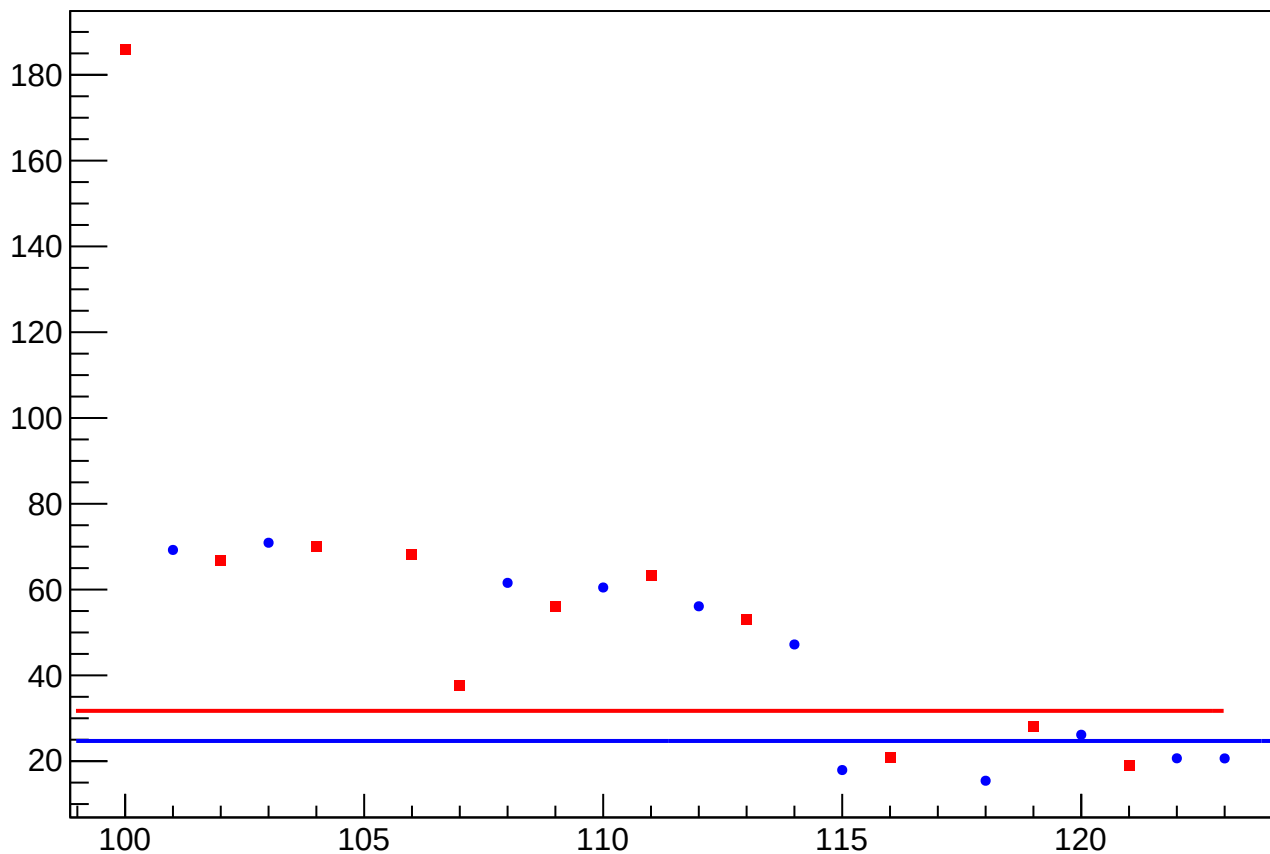
Right: 0.002+/-0.011 χ^2/NDF : 19.8/21

In: 0.009+/-0.015 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 19.8/21

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.708+/-0.011 χ^2/NDF : 2342852.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.727+/-0.012 χ^2/NDF : 1958268.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

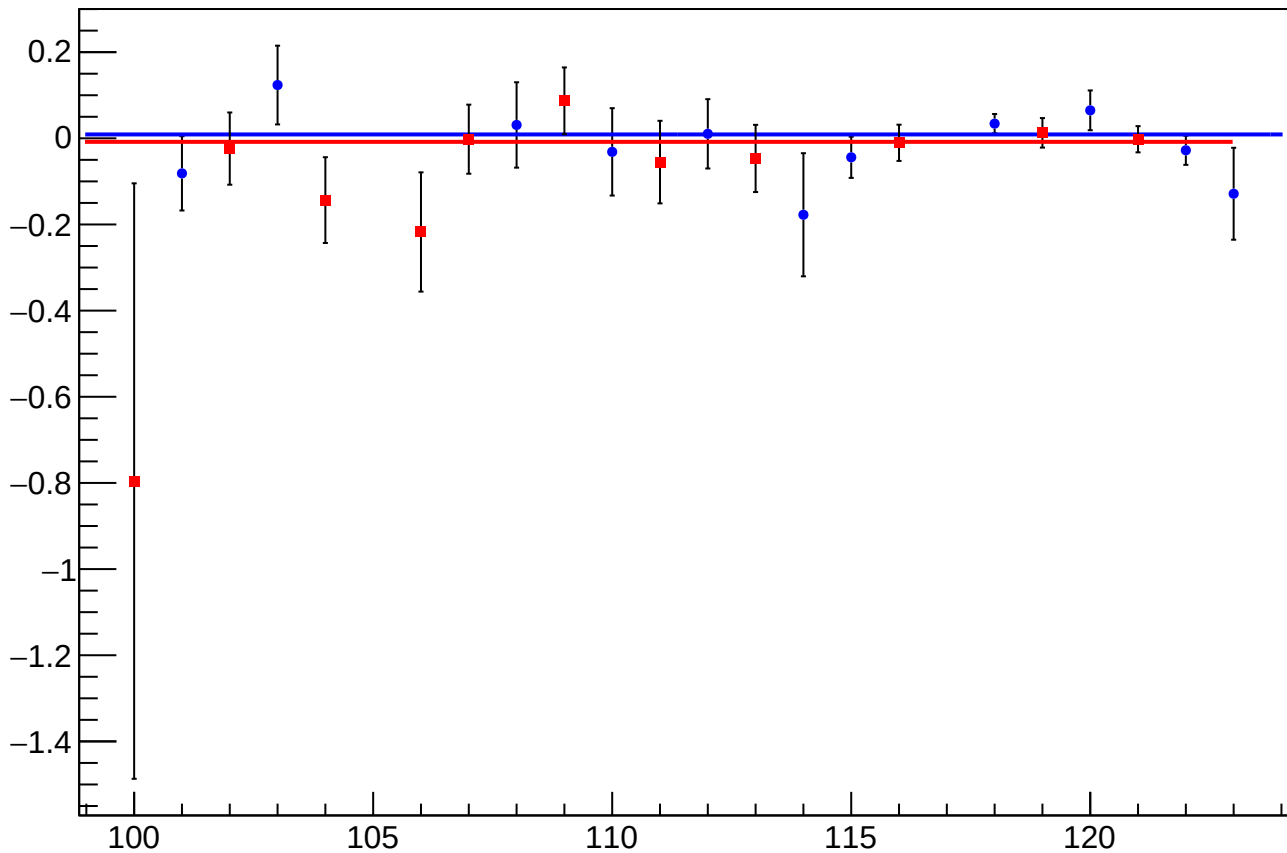
Right: 27.716+/-0.008 χ^2/NDF : 4492112.8/21

In: 24.708+/-0.011 χ^2/NDF : 2342852.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.716+/-0.008 χ^2/NDF : 4492112.8/21

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.017 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

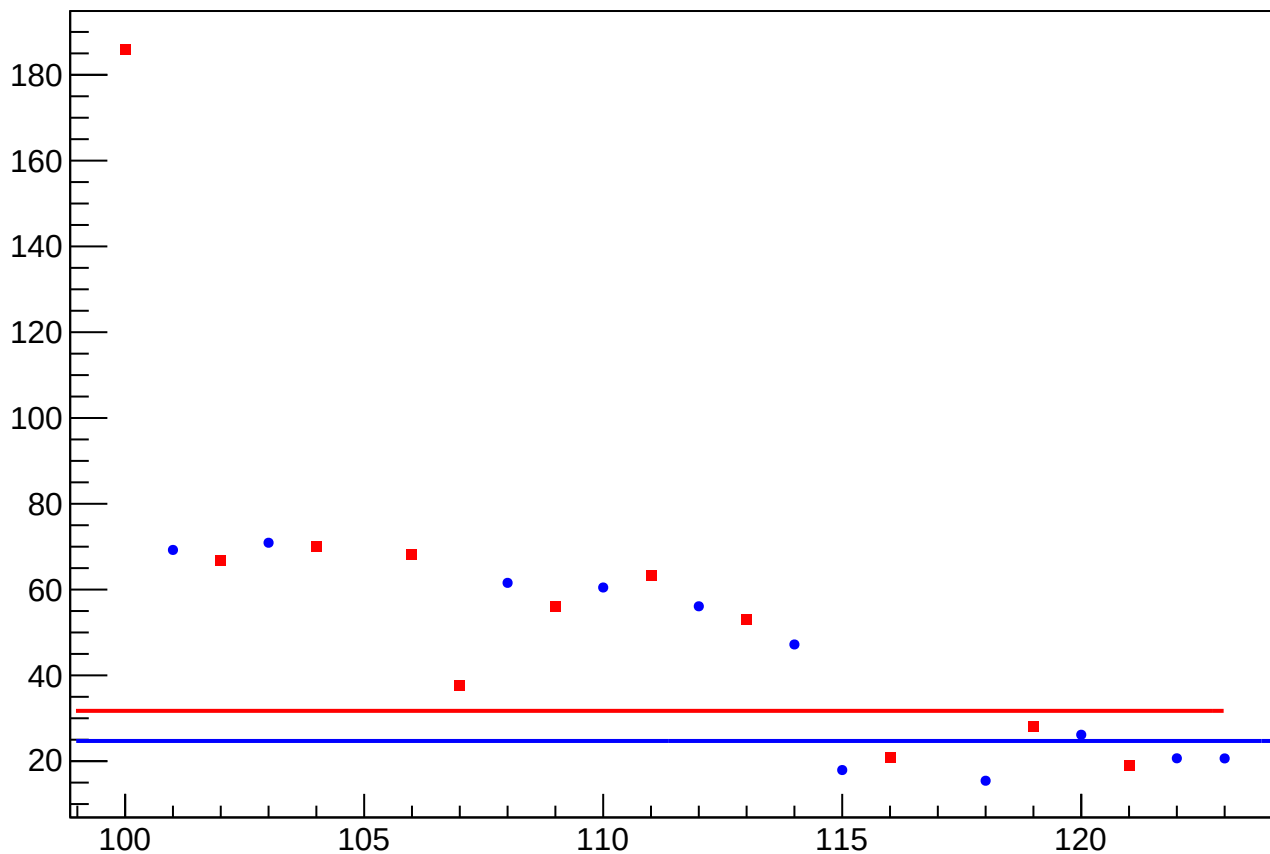
Right: 0.002+/-0.011 χ^2/NDF : 19.8/21

In: 0.009+/-0.015 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 19.8/21

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.708+/-0.011 χ^2/NDF : 2342852.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.727+/-0.012 χ^2/NDF : 1958268.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

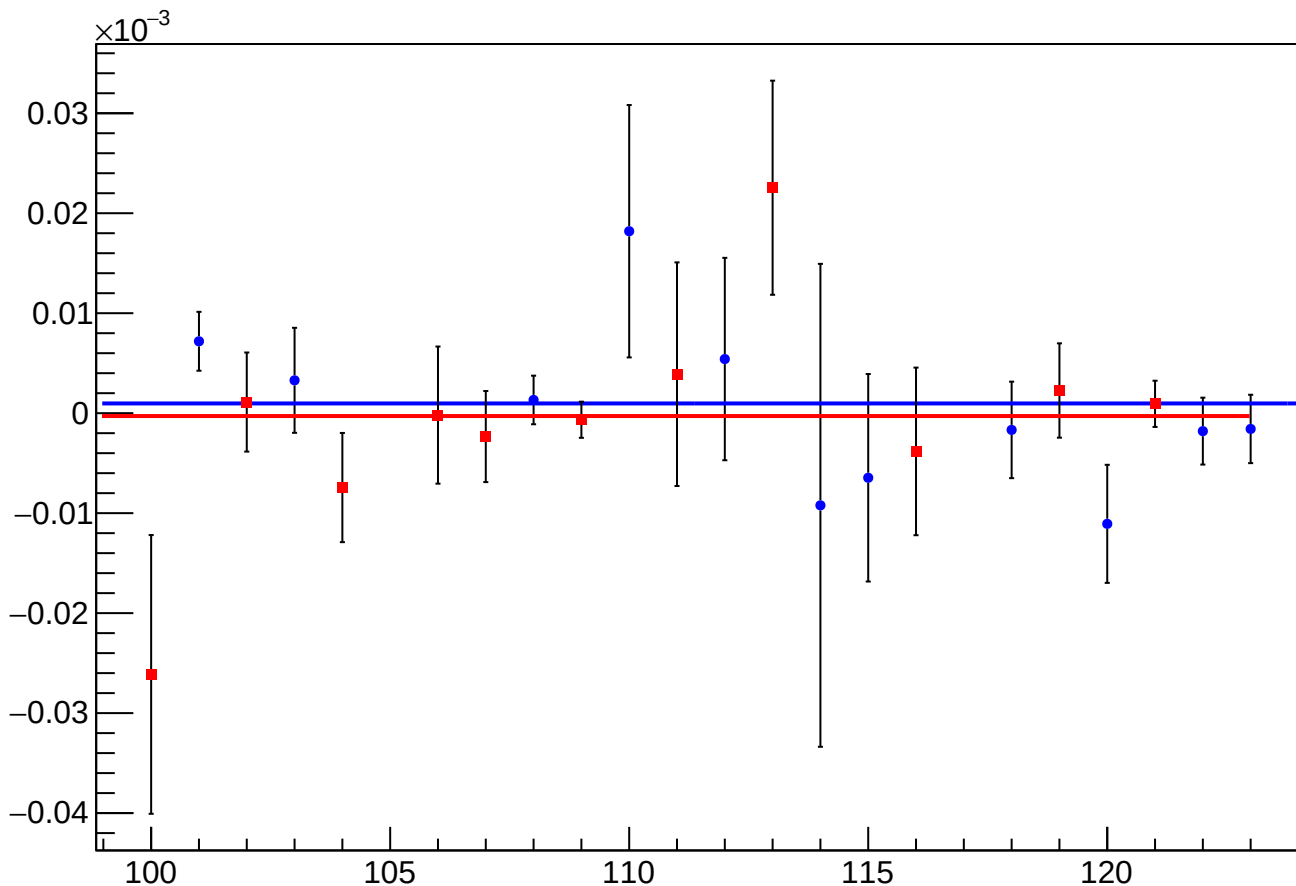
Right: 27.716+/-0.008 χ^2/NDF : 4492112.8/21

In: 24.708+/-0.011 χ^2/NDF : 2342852.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.716+/-0.008 χ^2/NDF : 4492112.8/21

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/10

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

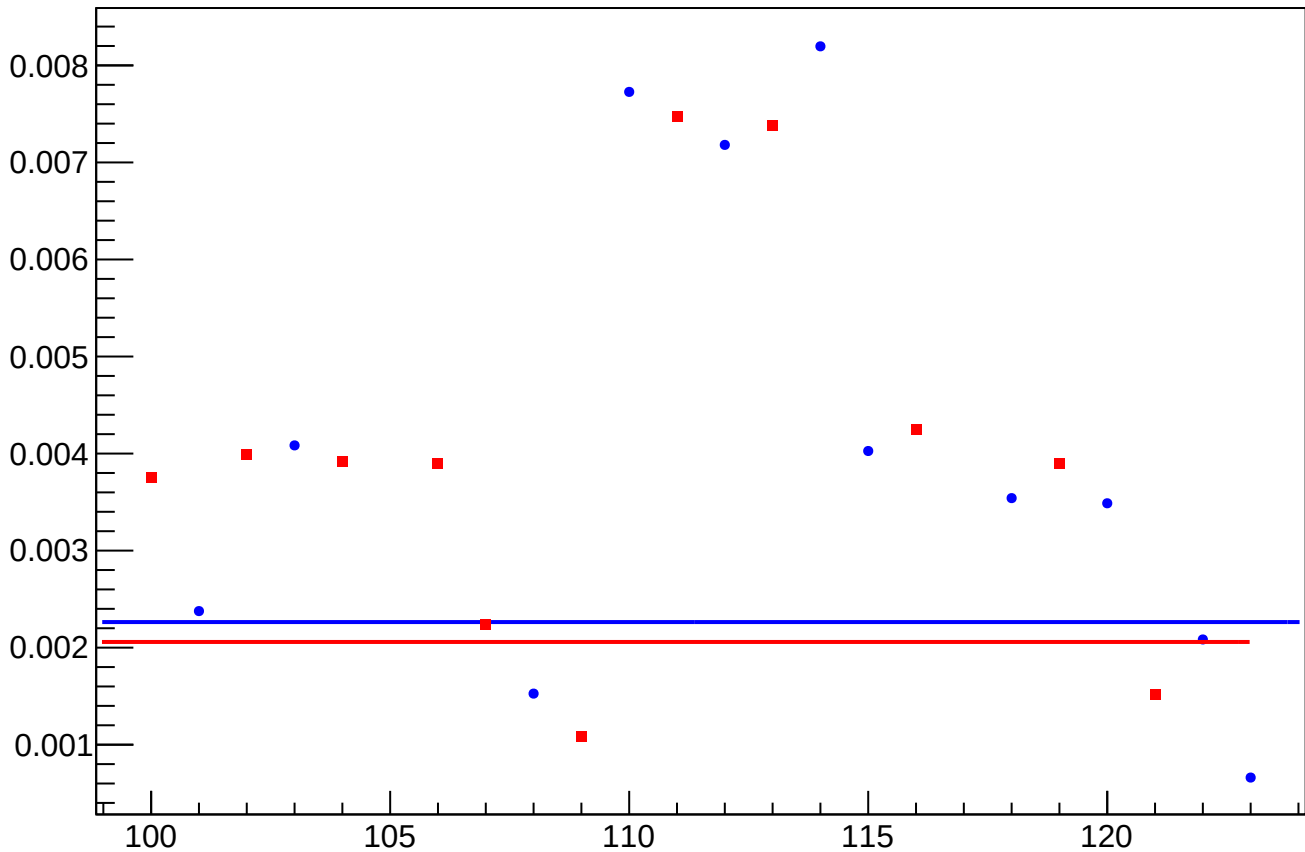
Right: 0.000+/-0.000 χ^2/NDF : 24.6/21

In: 0.000+/-0.000 χ^2/NDF : 13.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.6/21

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2123232.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2809890.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

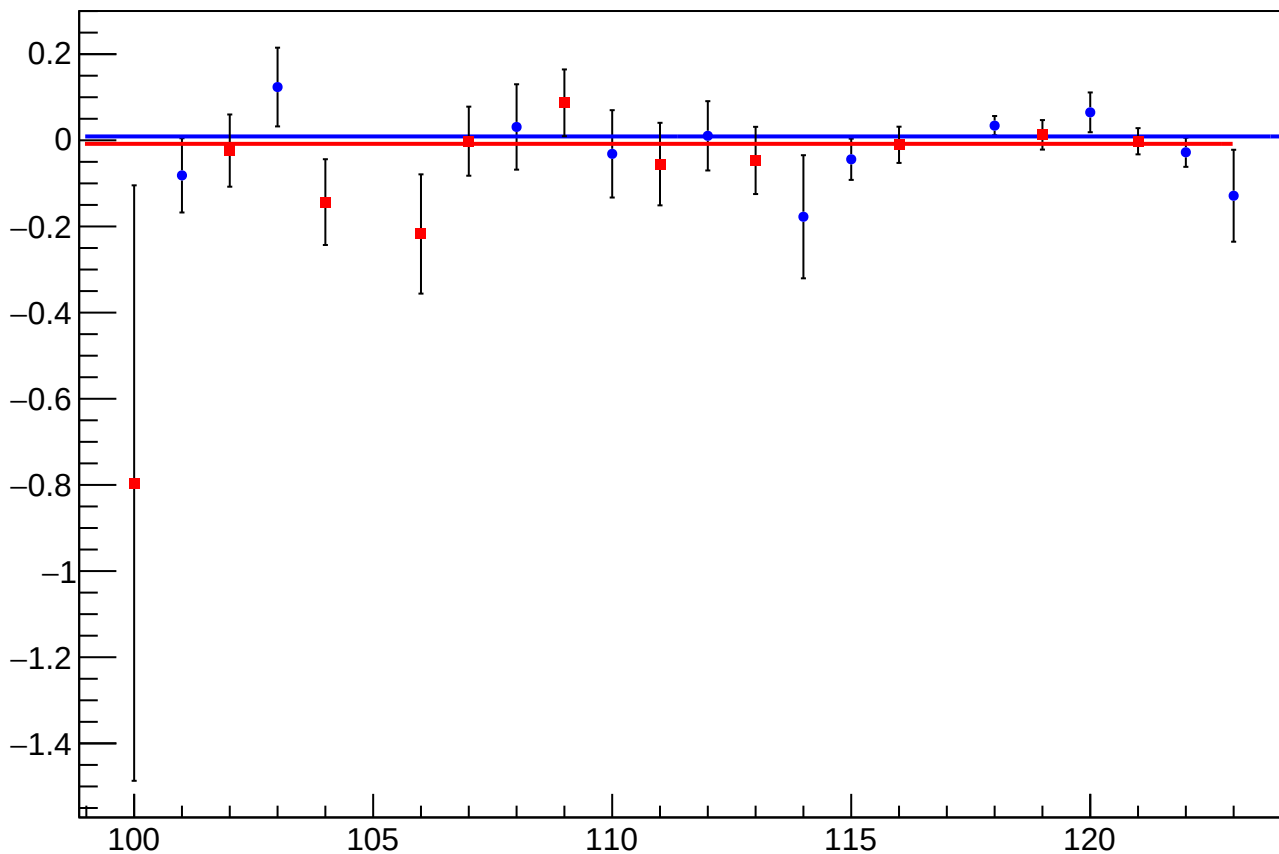
Right: 0.002+/-0.000 χ^2/NDF : 4960465.5/21

In: 0.002+/-0.000 χ^2/NDF :2123232.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4960465.5/21

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2 /NDF: 11.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.008+/-0.017 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

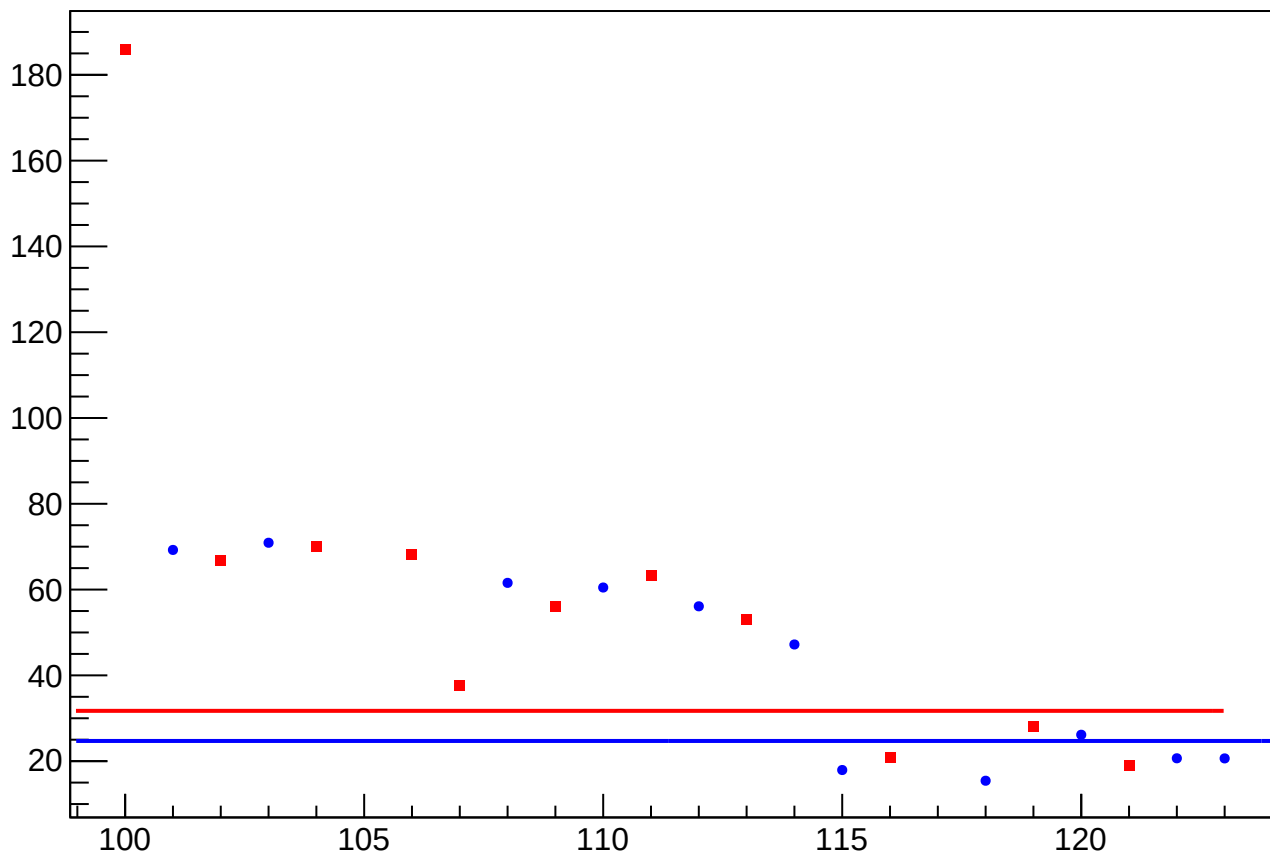
Right: 0.002+/-0.011 χ^2 /NDF: 19.8/21

In: 0.009+/-0.015 χ^2 /NDF:11.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.011 χ^2 /NDF: 19.8/21

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.707+/-0.011 χ^2/NDF : 2342917.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.728+/-0.012 χ^2/NDF : 1958089.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

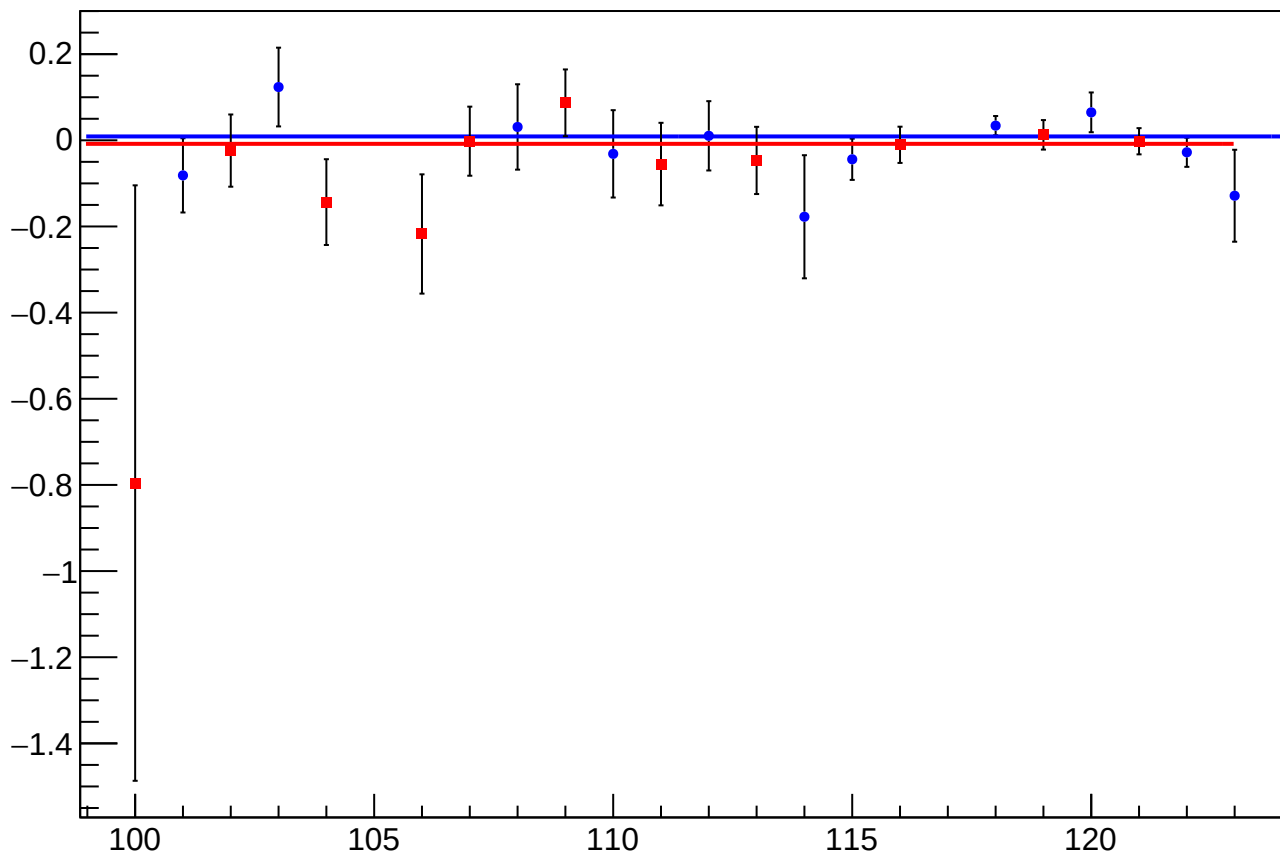
Right: 27.715+/-0.008 χ^2/NDF : 4492090.1/21

In: 24.707+/-0.011 χ^2/NDF : 2342917.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.715+/-0.008 χ^2/NDF : 4492090.1/21

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.017 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

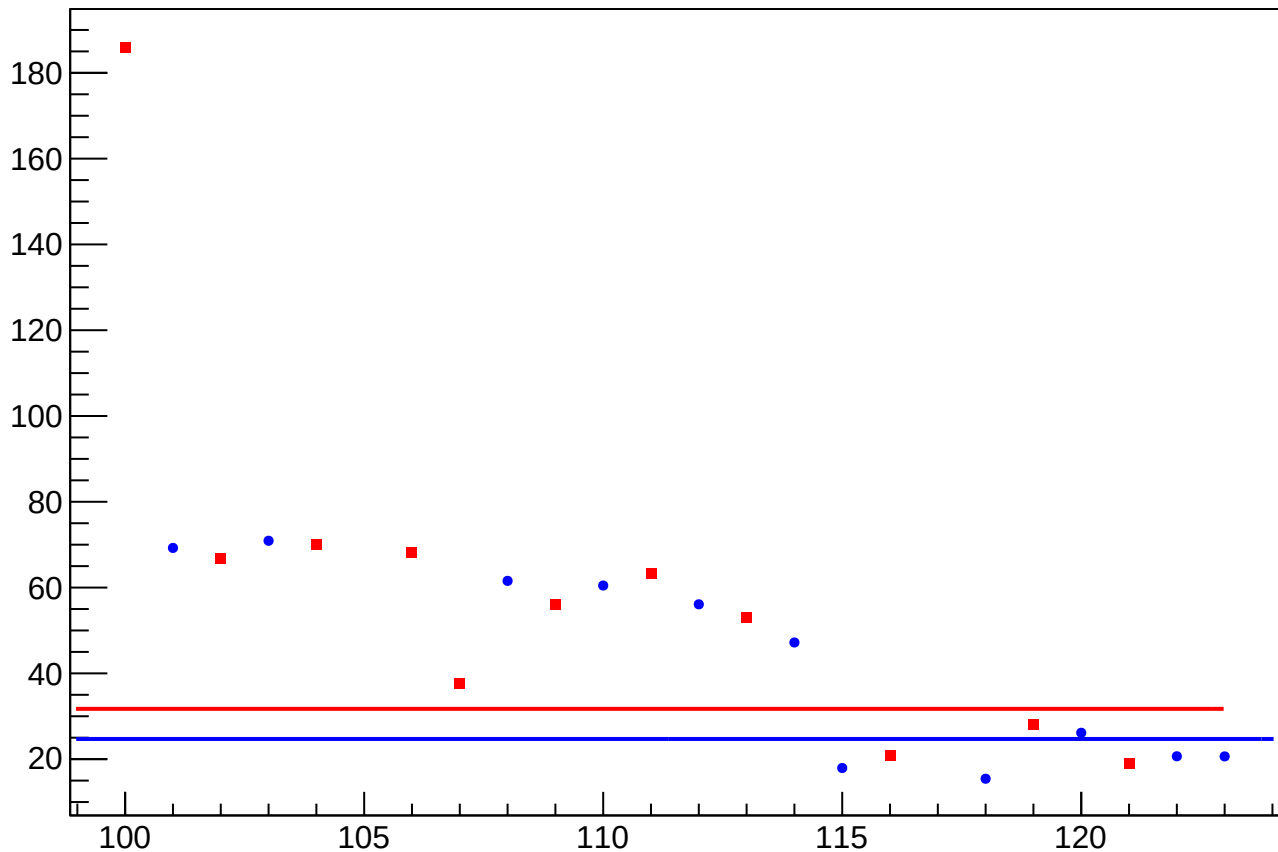
Right: 0.002+/-0.011 χ^2/NDF : 19.8/21

In: 0.009+/-0.015 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 19.8/21

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.707+/-0.011 χ^2/NDF : 2342917.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.728+/-0.012 χ^2/NDF : 1958089.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

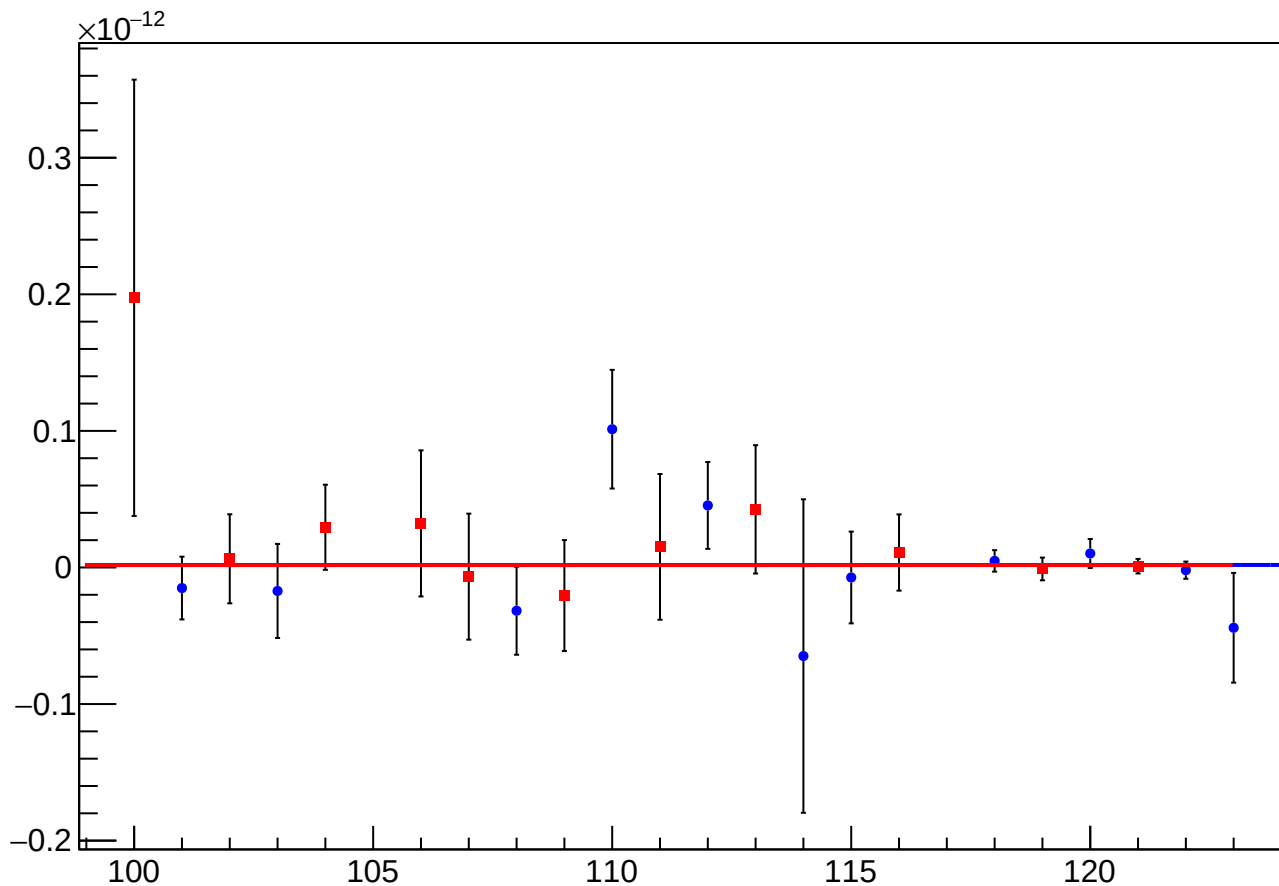
Right: 27.715+/-0.008 χ^2/NDF : 4492090.1/21

In: 24.707+/-0.011 χ^2/NDF : 2342917.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.715+/-0.008 χ^2/NDF : 4492090.1/21

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

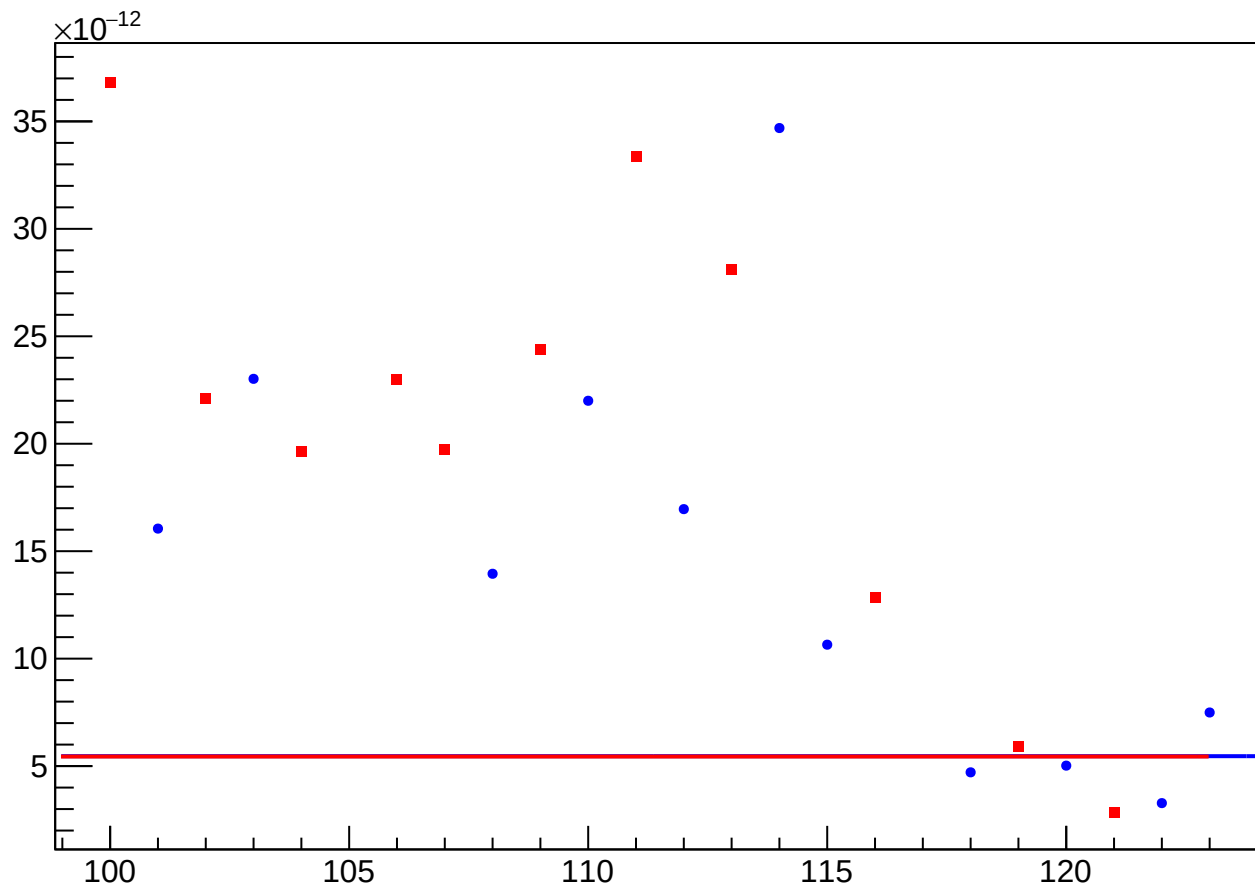
Right: 0.000+/-0.000 χ^2/NDF : 15.9/21

In: 0.000+/-0.000 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/21

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2080989.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3500300.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

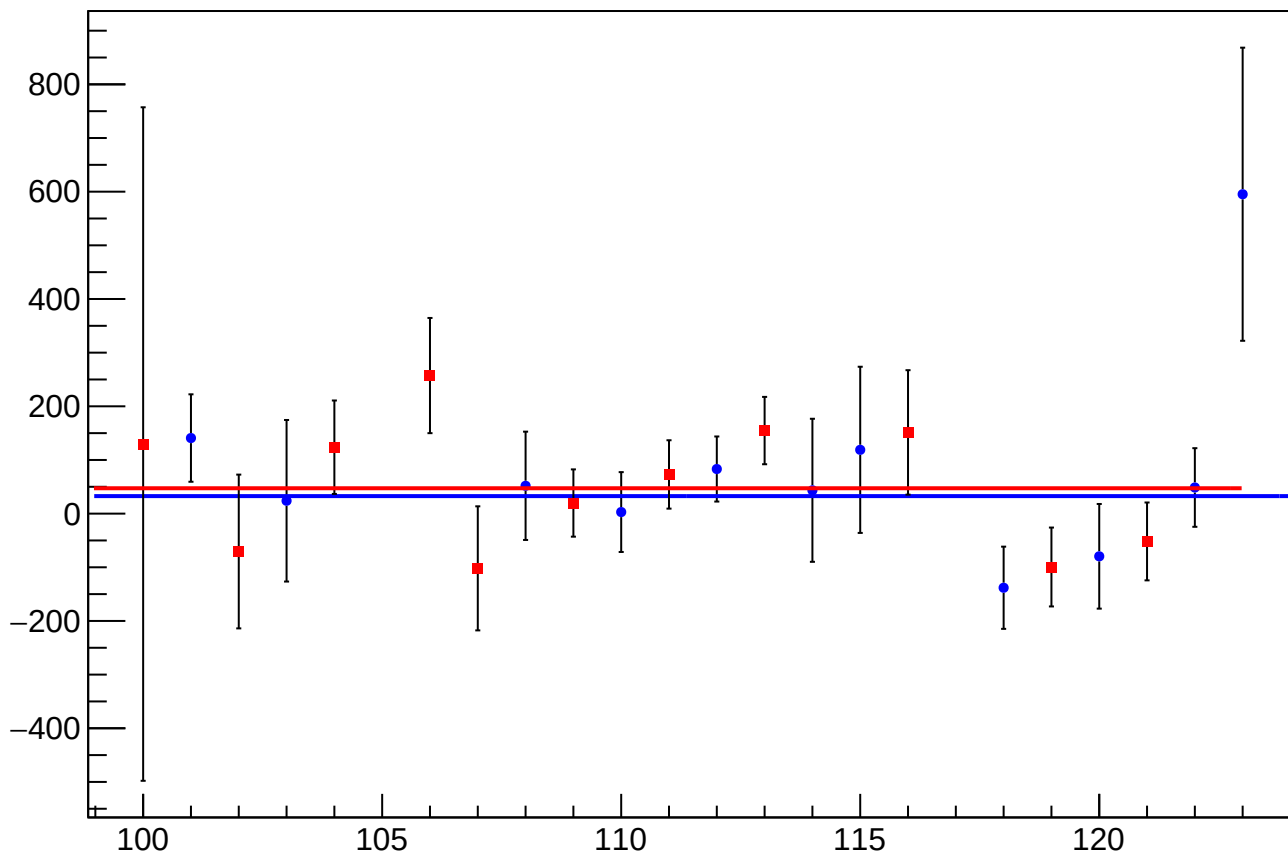
Right: 0.000+/-0.000 χ^2/NDF : 5581304.7/21

In: 0.000+/-0.000 χ^2/NDF : 2080989.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5581304.7/21

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 32.648+/-27.537 χ^2/NDF : 13.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.289+/-25.410 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

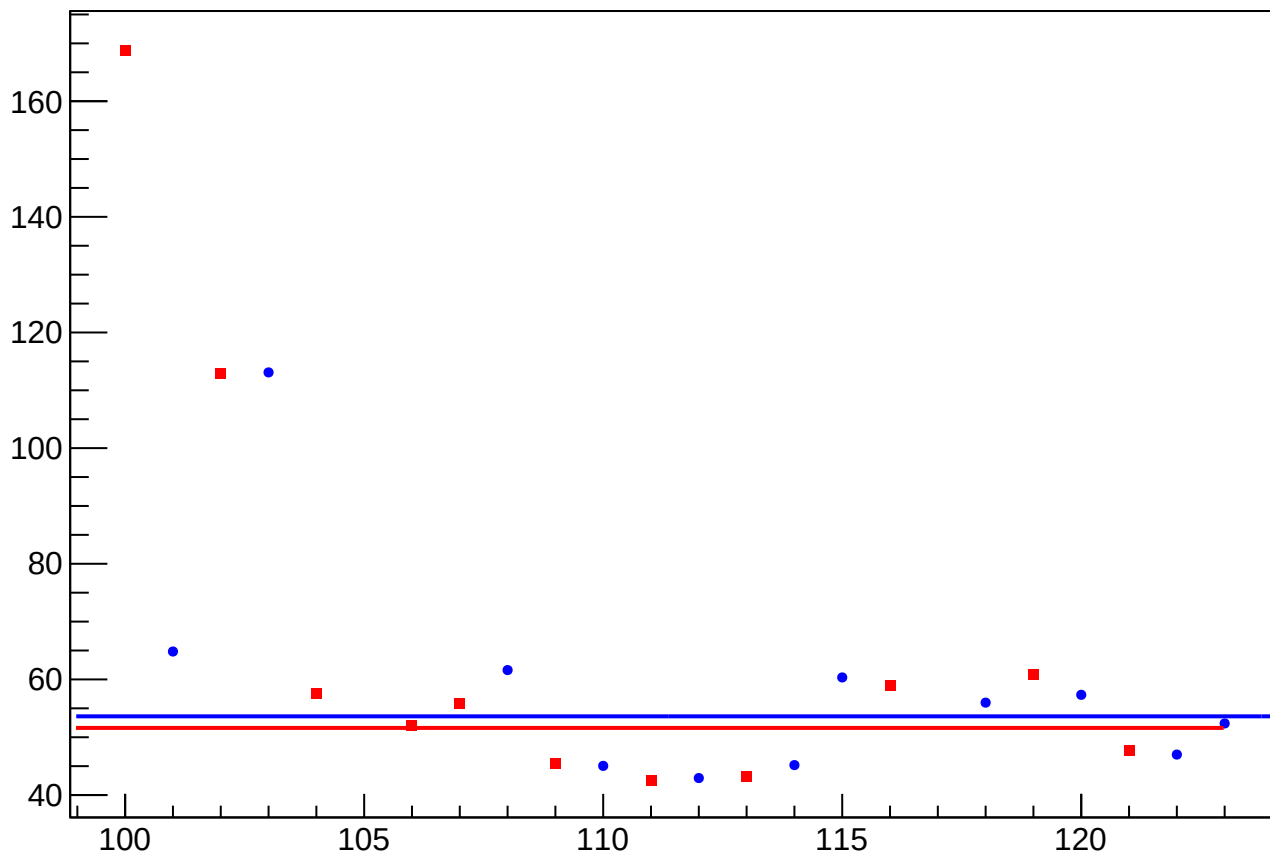
Right: 40.556+/-18.674 χ^2/NDF : 30.6/21

In: 32.648+/-27.537 χ^2/NDF : 13.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.556+/-18.674 χ^2/NDF : 30.6/21

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.617 $\pm$ 0.019 χ^2 /NDF: 484033.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.612 $\pm$ 0.018 χ^2 /NDF: 589526.6/10

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

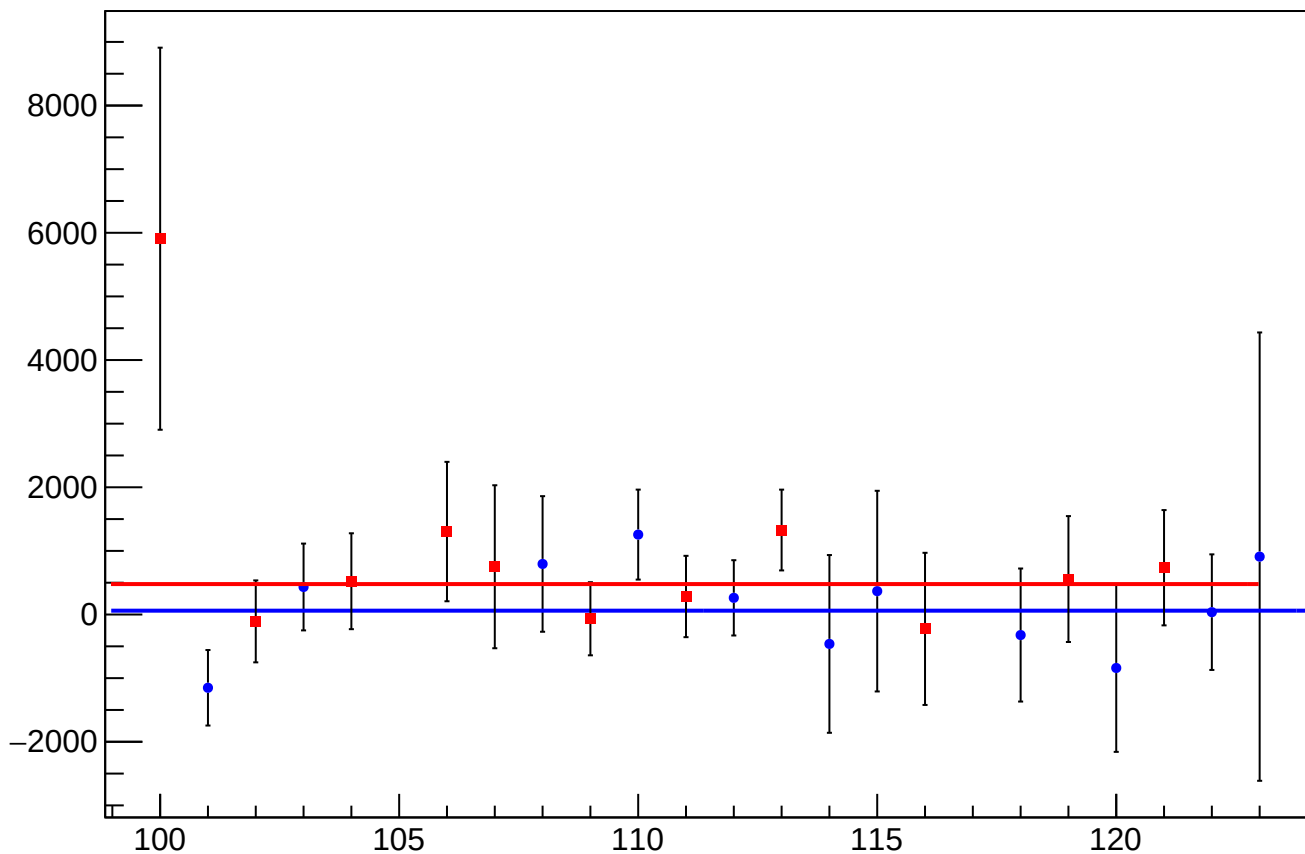
Right: 52.534 $\pm$ 0.013 χ^2 /NDF: 1079284.9/21

In: 53.617 $\pm$ 0.019 χ^2 /NDF:484033.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.534 $\pm$ 0.013 χ^2 /NDF: 1079284.9/21

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 60.549+/-263.328 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 478.615+/-245.283 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

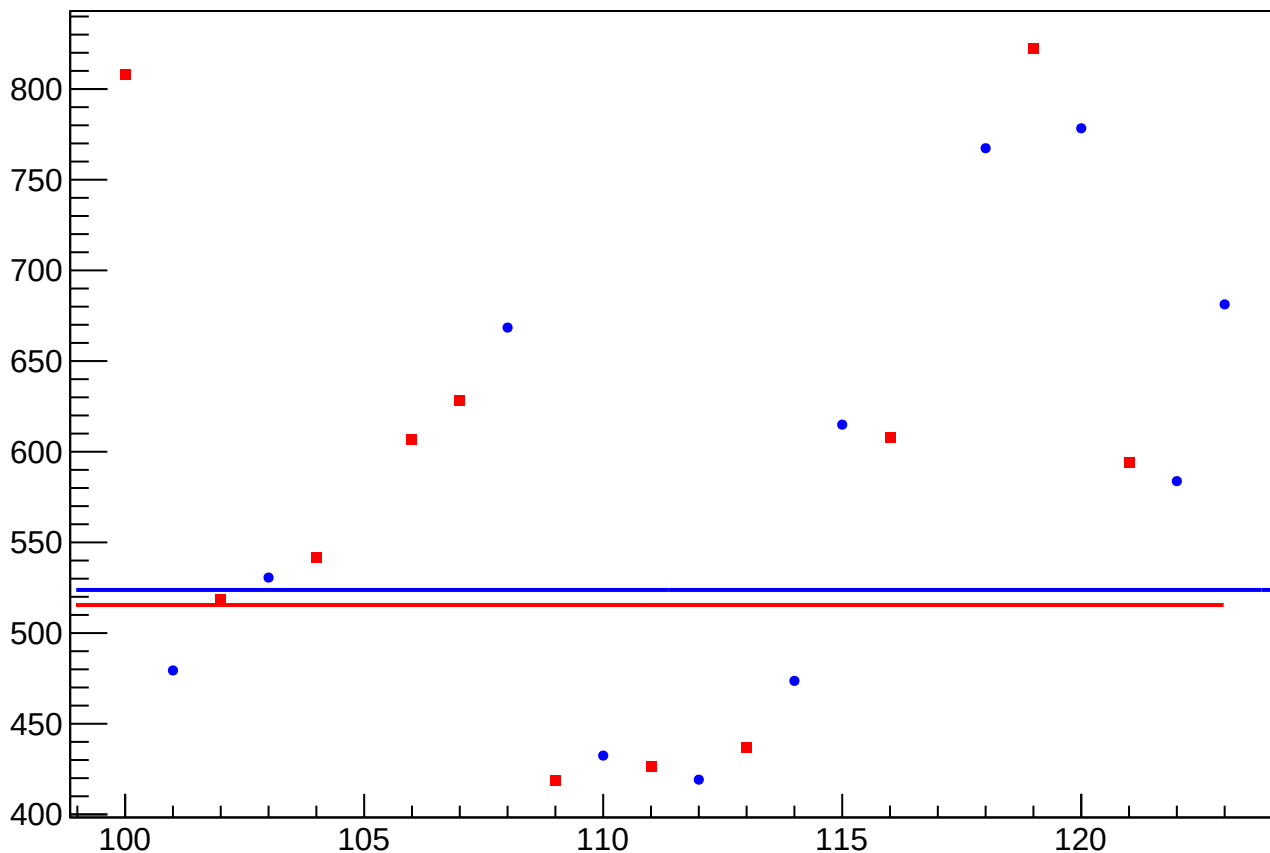
Right: 284.396+/-179.482 χ^2/NDF : 18.0/21

In: 60.549+/-263.328 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.396+/-179.482 χ^2/NDF : 18.0/21

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.796+/-0.186 χ^2/NDF : 349215.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 515.473+/-0.173 χ^2/NDF : 395443.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

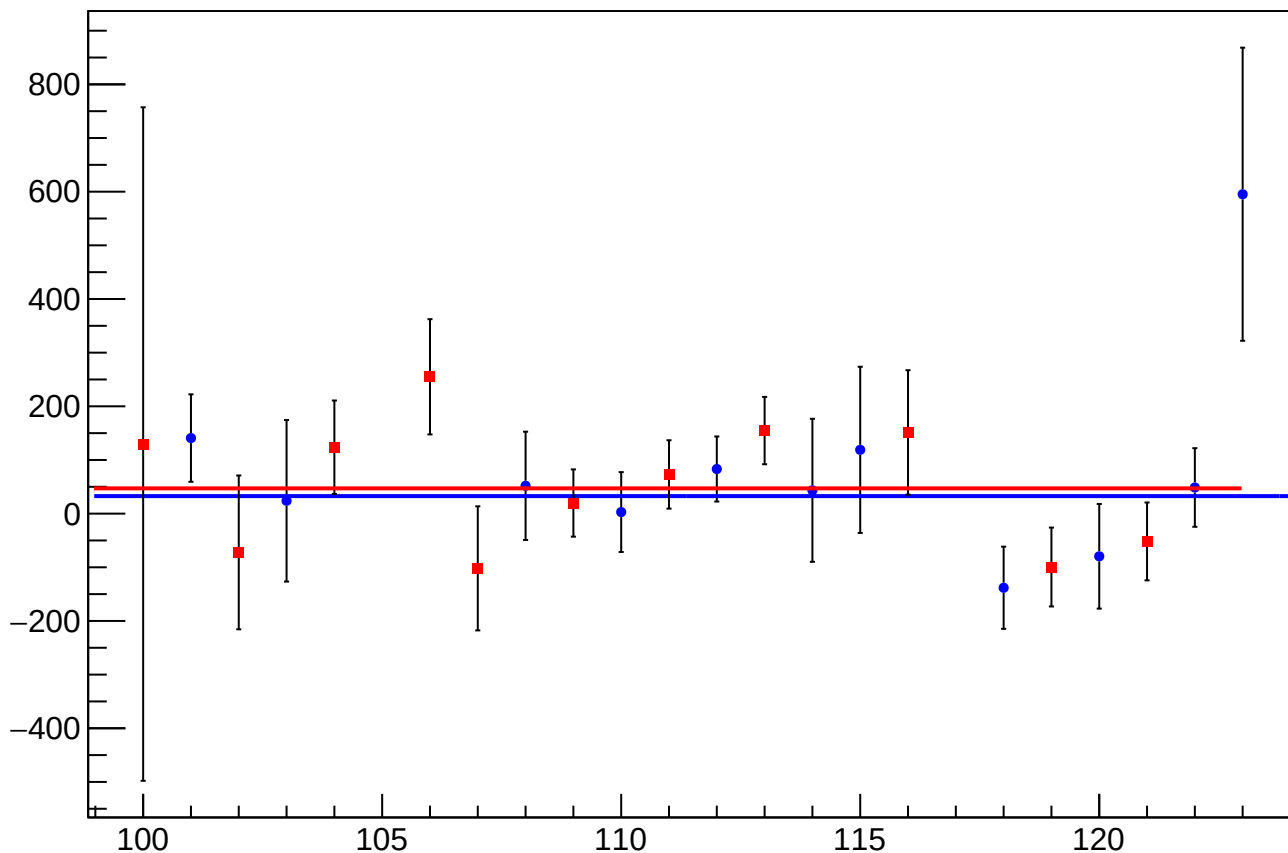
Right: 519.340+/-0.127 χ^2/NDF : 745728.7/21

In: 523.796+/-0.186 χ^2/NDF : 349215.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.340+/-0.127 χ^2/NDF : 745728.7/21

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 32.642 $\pm$ 27.537 χ^2 /NDF: 13.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.097 $\pm$ 25.411 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

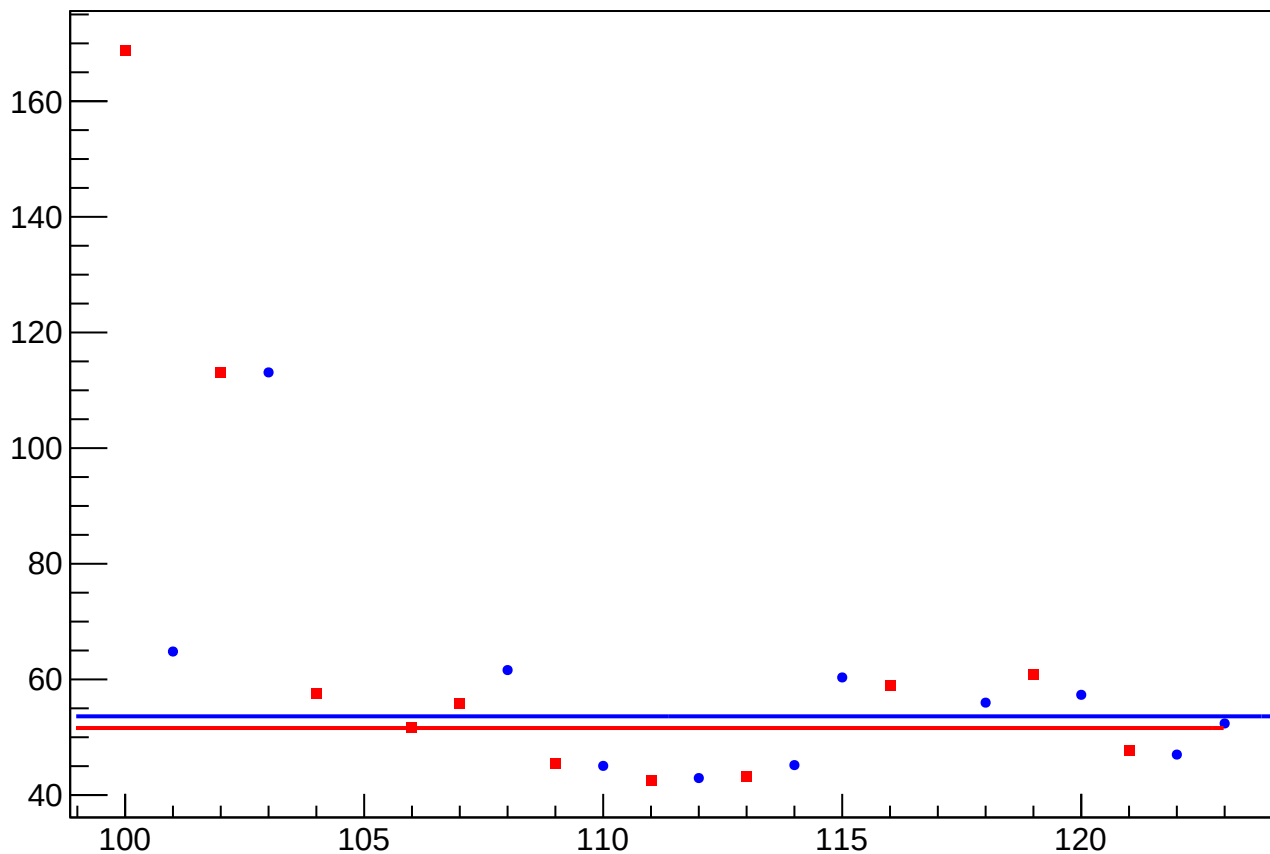
Right: 40.449 $\pm$ 18.675 χ^2 /NDF: 30.5/21

In: 32.642 $\pm$ 27.537 χ^2 /NDF:13.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.449 $\pm$ 18.675 χ^2 /NDF: 30.5/21

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.617 $\pm$ 0.019 χ^2 /NDF: 484036.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.595 $\pm$ 0.018 χ^2 /NDF: 589739.8/10

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

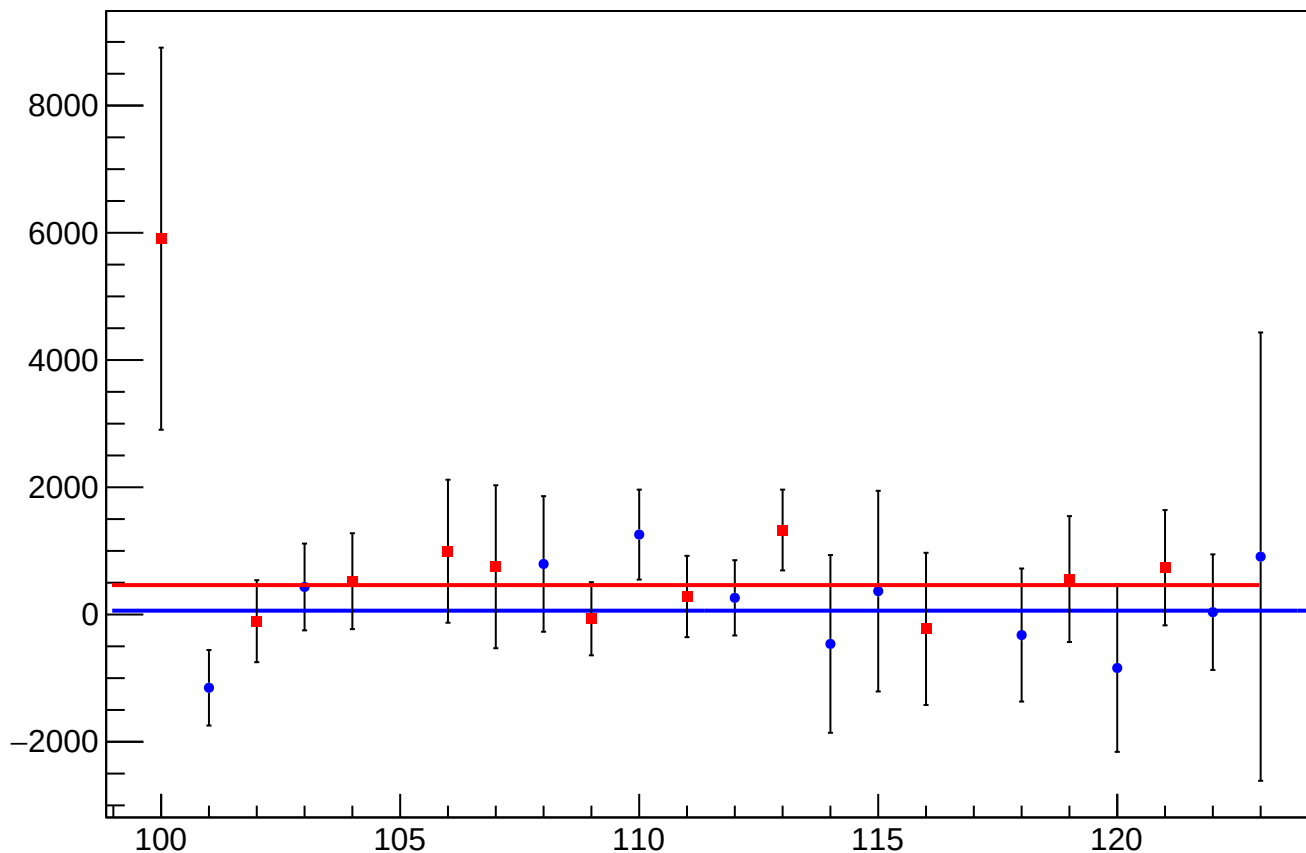
Right: 52.525 $\pm$ 0.013 χ^2 /NDF: 1079600.3/21

In: 53.617 $\pm$ 0.019 χ^2 /NDF: 484036.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.525 $\pm$ 0.013 χ^2 /NDF: 1079600.3/21

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.591+/-263.332 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.463+/-245.623 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

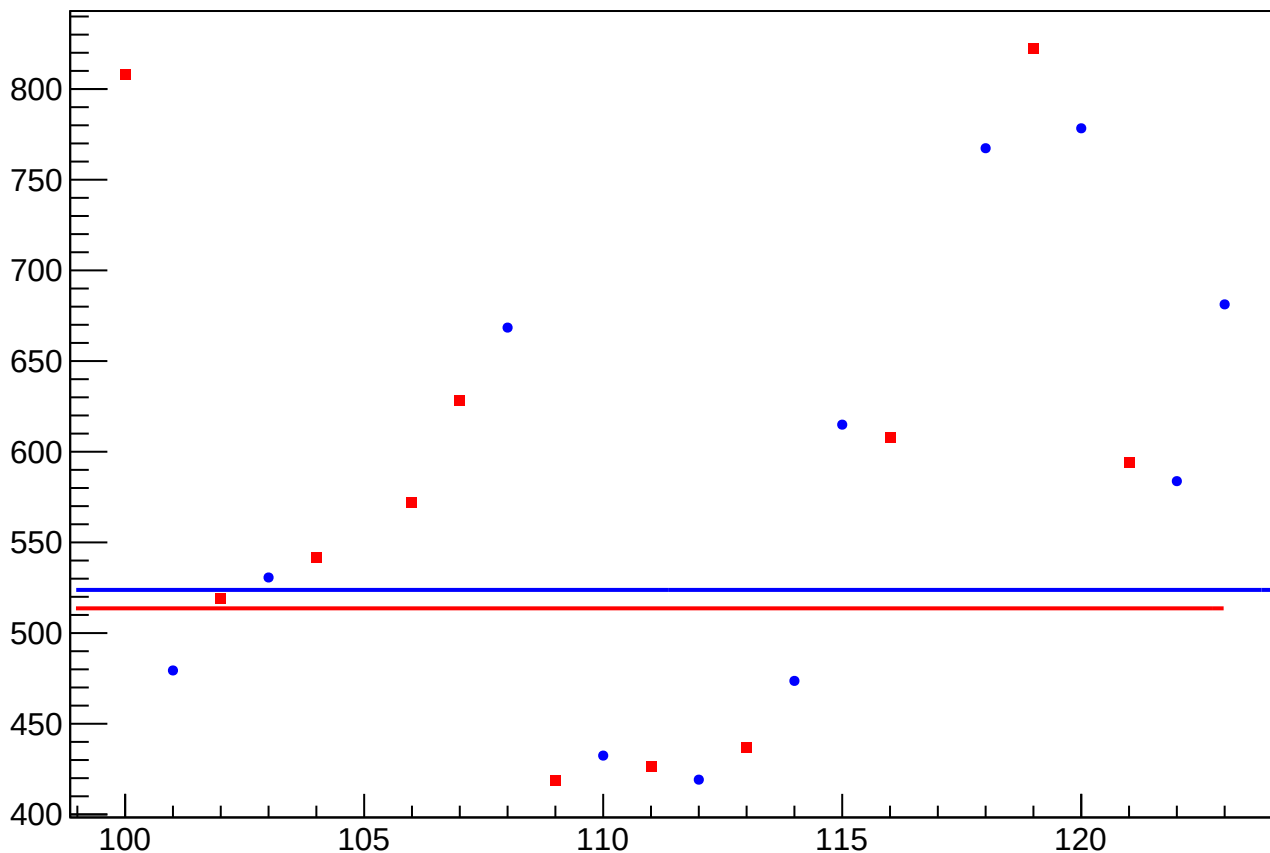
Right: 275.494+/-179.616 χ^2/NDF : 17.6/21

In: 60.591+/-263.332 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.494+/-179.616 χ^2/NDF : 17.6/21

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.804+/-0.186 χ^2/NDF : 349218.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.640+/-0.174 χ^2/NDF : 386446.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

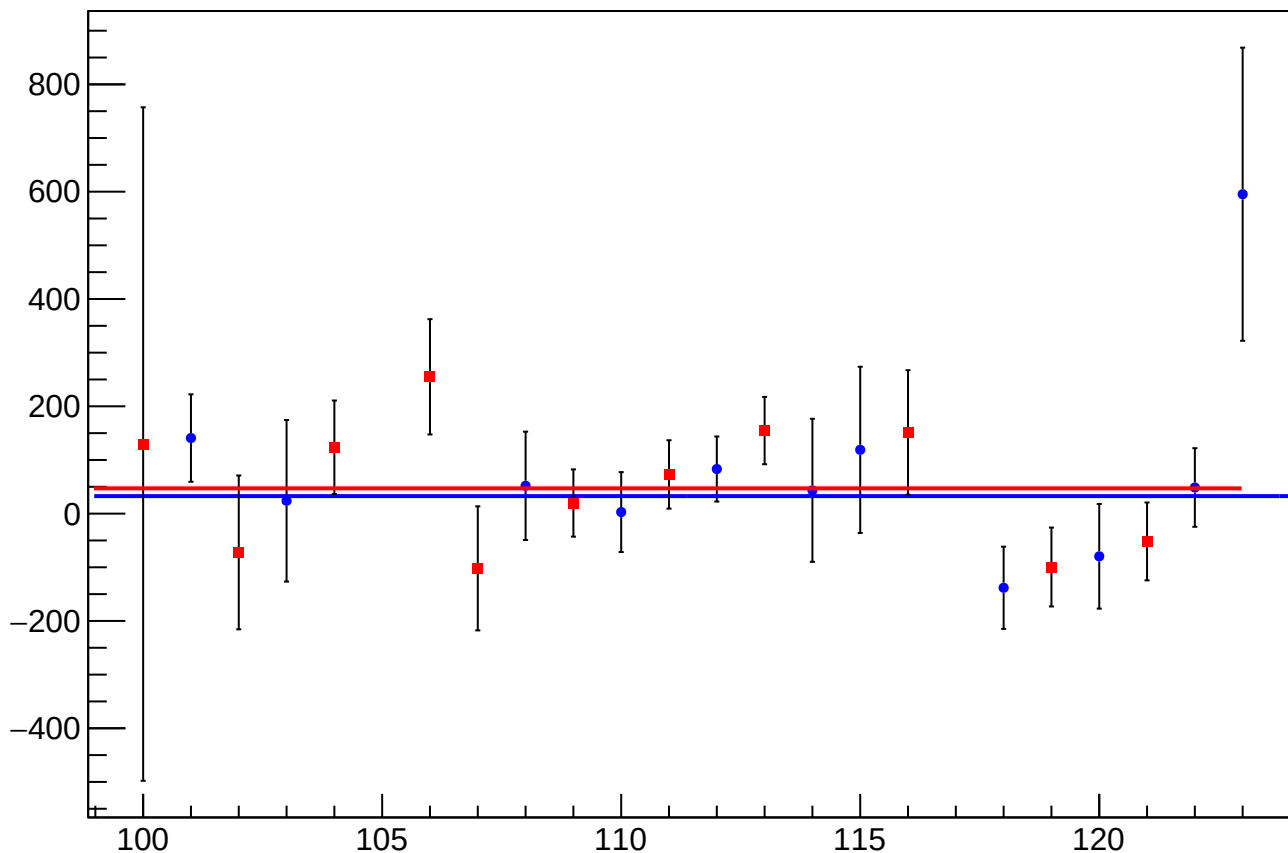
Right: 518.369+/-0.127 χ^2/NDF : 737257.8/21

In: 523.804+/-0.186 χ^2/NDF : 349218.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.369+/-0.127 χ^2/NDF : 737257.8/21

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 32.642+/-27.537 χ^2/NDF : 13.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.097+/-25.411 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

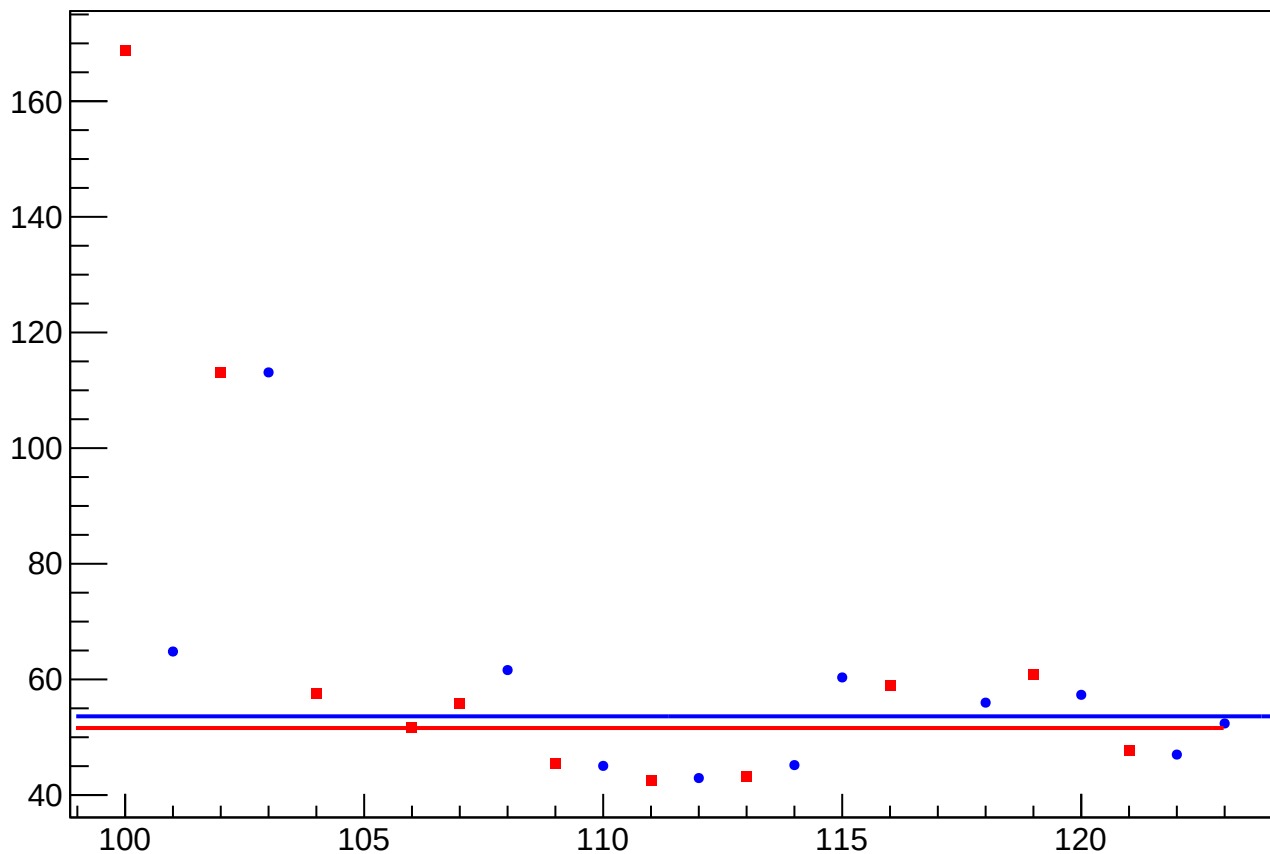
Right: 40.449+/-18.675 χ^2/NDF : 30.5/21

In: 32.642+/-27.537 χ^2/NDF : 13.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.449+/-18.675 χ^2/NDF : 30.5/21

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.617 $\pm$ 0.019 χ^2 /NDF: 484036.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.595 $\pm$ 0.018 χ^2 /NDF: 589739.8/10

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

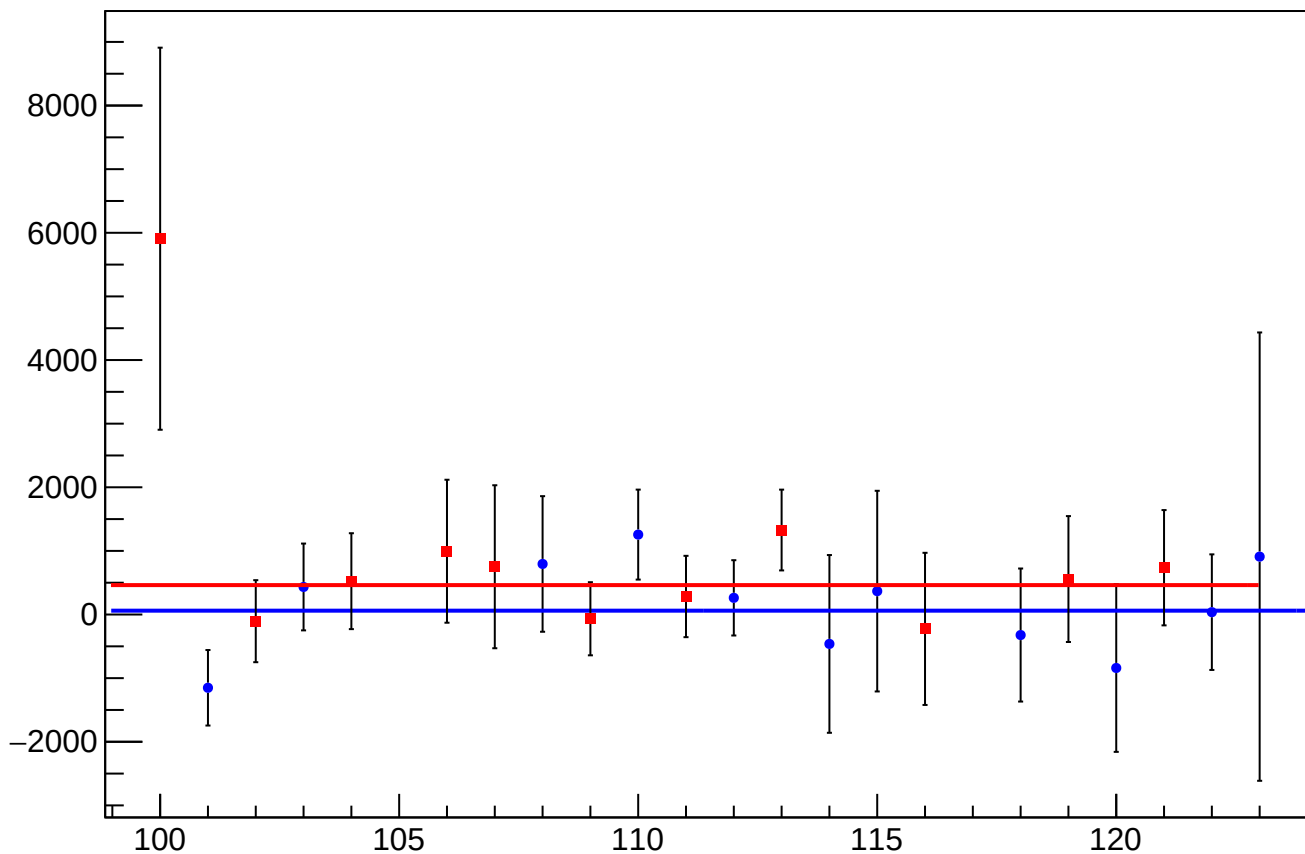
Right: 52.525 $\pm$ 0.013 χ^2 /NDF: 1079600.3/21

In: 53.617 $\pm$ 0.019 χ^2 /NDF:484036.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.525 $\pm$ 0.013 χ^2 /NDF: 1079600.3/21

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.591+/-263.332 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.463+/-245.623 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

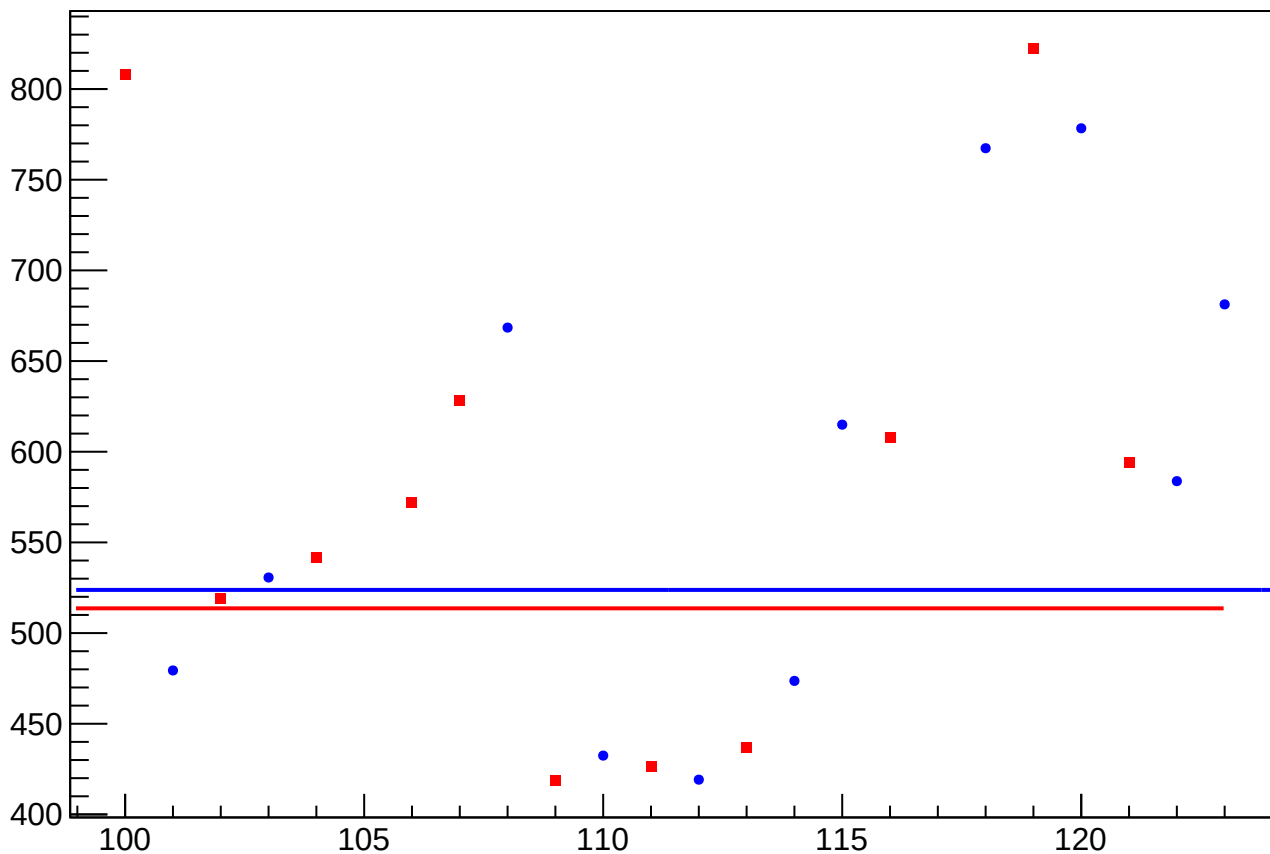
Right: 275.494+/-179.616 χ^2/NDF : 17.6/21

In: 60.591+/-263.332 χ^2/NDF : 8.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.494+/-179.616 χ^2/NDF : 17.6/21

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.804 $\pm$ 0.186 χ^2 /NDF: 349218.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 513.640 $\pm$ 0.174 χ^2 /NDF: 386446.1/10

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

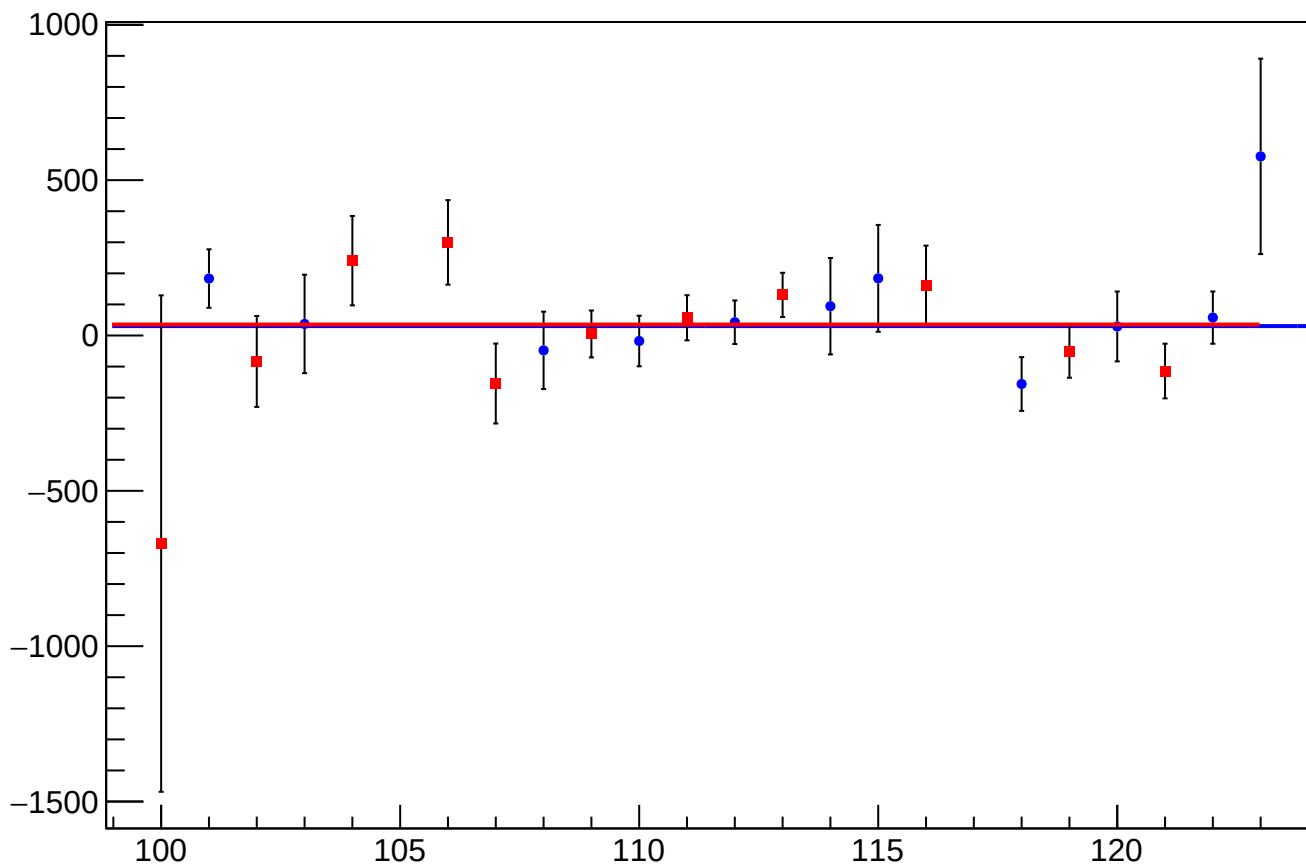
Right: 518.369 $\pm$ 0.127 χ^2 /NDF: 737257.8/21

In: 523.804 $\pm$ 0.186 χ^2 /NDF:349218.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 518.369 $\pm$ 0.127 χ^2 /NDF: 737257.8/21

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 30.284+/-31.454 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.223+/-30.089 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

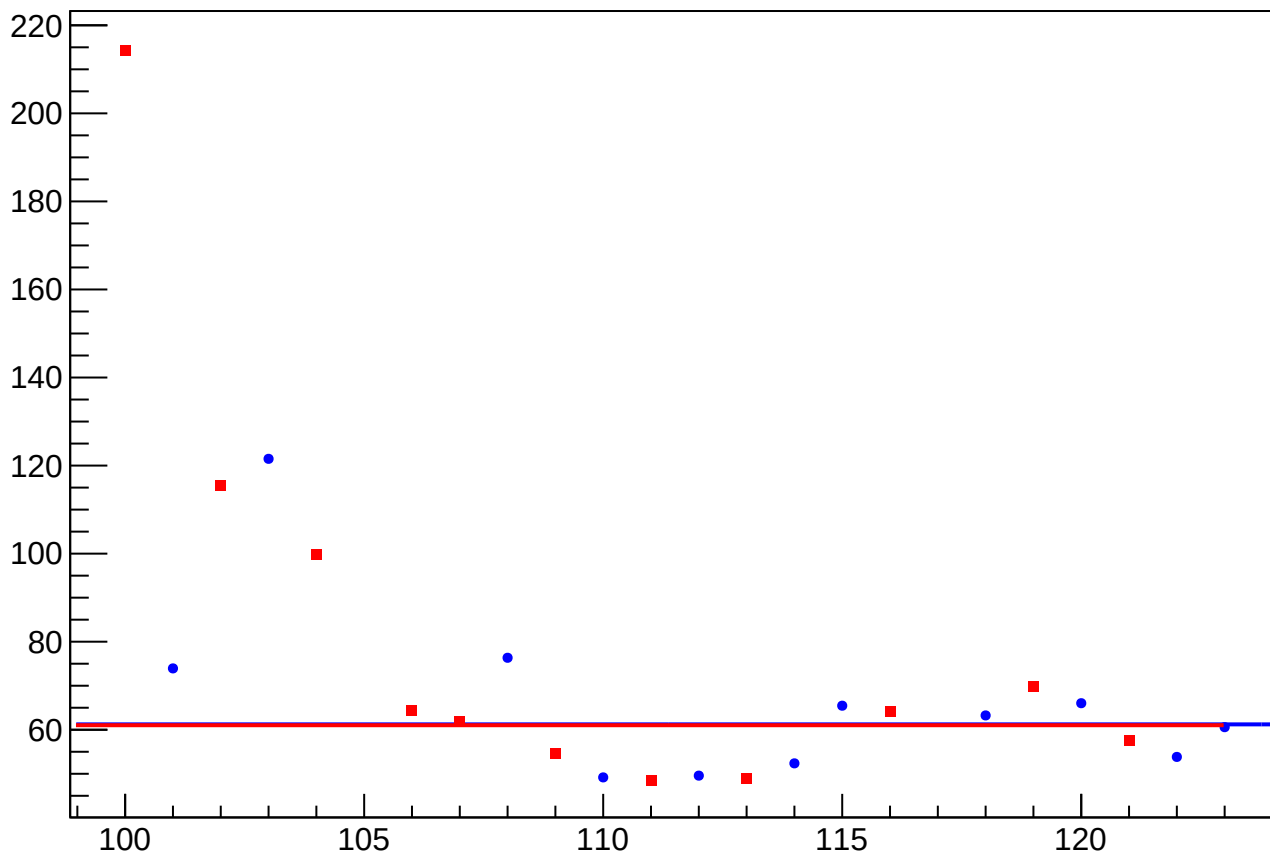
Right: 32.863+/-21.743 χ^2/NDF : 28.6/21

In: 30.284+/-31.454 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.863+/-21.743 χ^2/NDF : 28.6/21

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.222+/-0.022 χ^2/NDF : 482570.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.030+/-0.021 χ^2/NDF : 655274.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

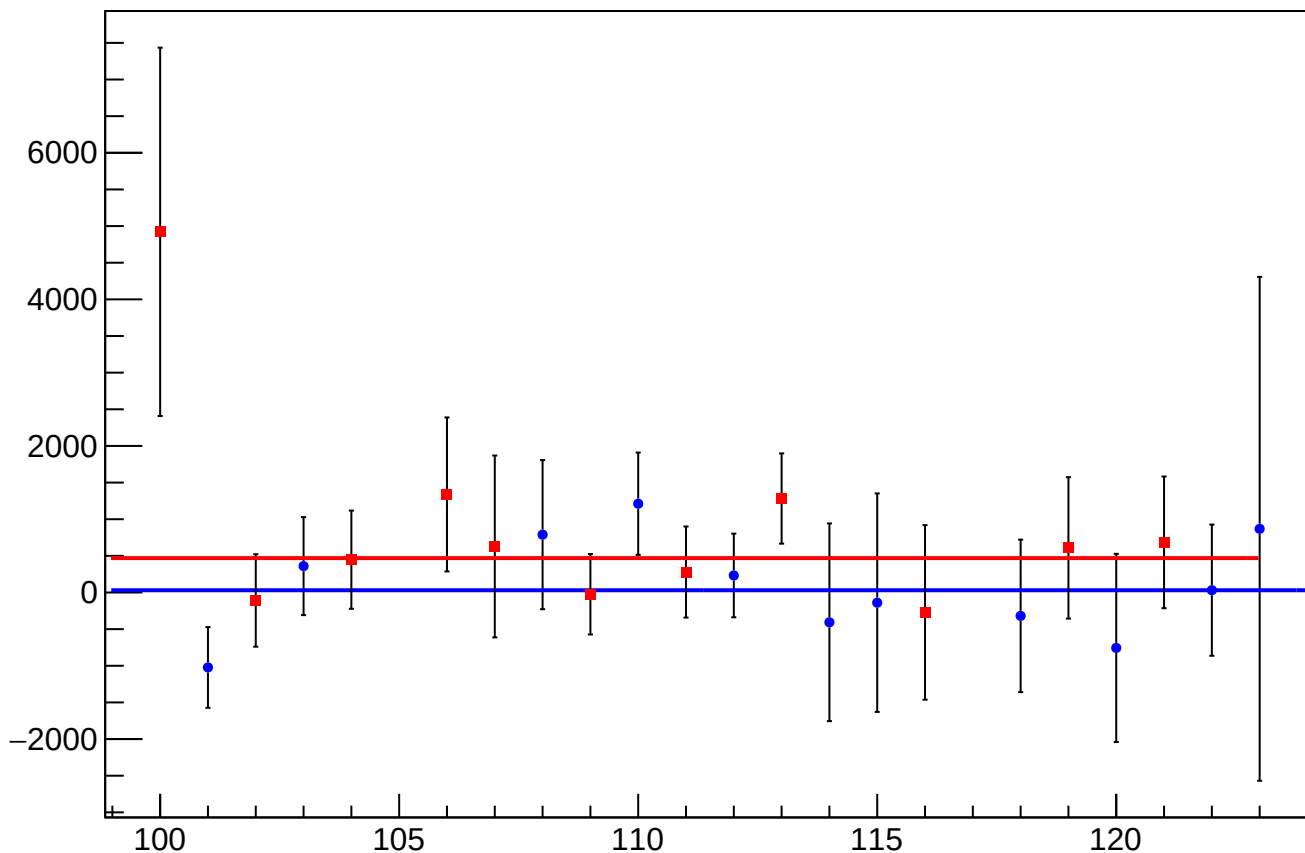
Right: 61.122+/-0.015 χ^2/NDF : 1137883.9/21

In: 61.222+/-0.022 χ^2/NDF : 482570.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.122+/-0.015 χ^2/NDF : 1137883.9/21

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 30.698+/-254.154 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.416+/-235.623 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

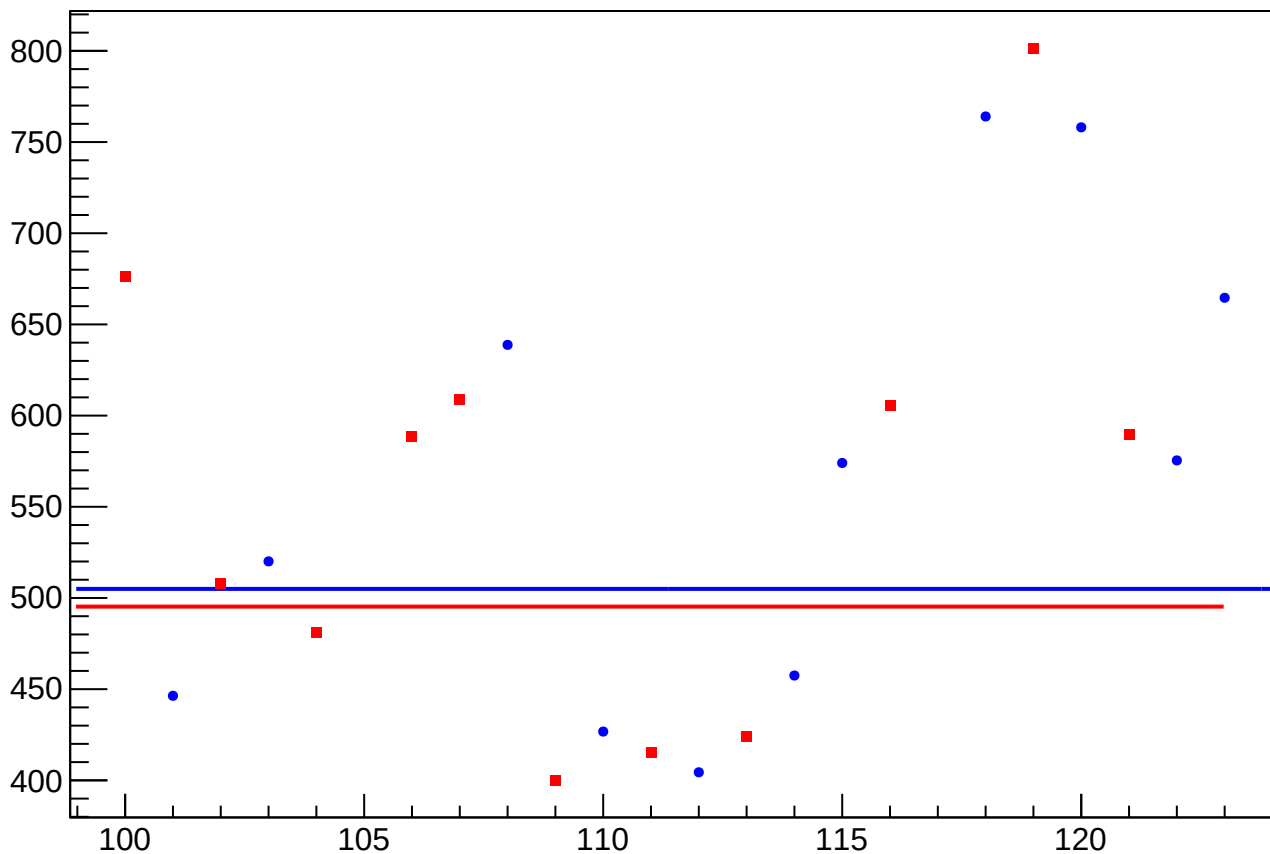
Right: 266.632+/-172.791 χ^2/NDF : 17.5/21

In: 30.698+/-254.154 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.632+/-172.791 χ^2/NDF : 17.5/21

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 504.980+/-0.180 χ^2/NDF : 370708.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 495.262+/-0.167 χ^2/NDF : 404744.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

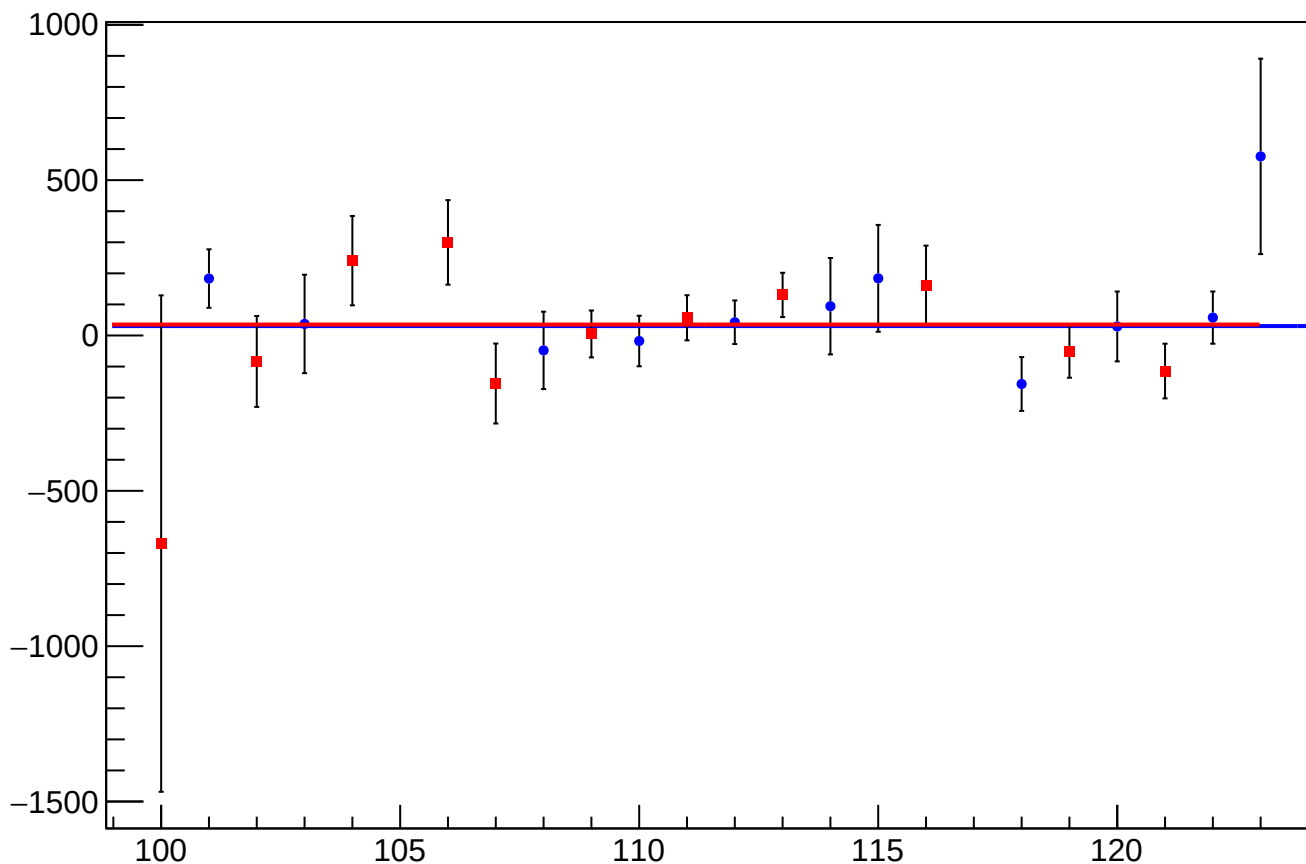
Right: 499.754+/-0.122 χ^2/NDF : 777025.8/21

In: 504.980+/-0.180 χ^2/NDF :370708.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 499.754+/-0.122 χ^2/NDF : 777025.8/21

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 30.282+/-31.454 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.222+/-30.089 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

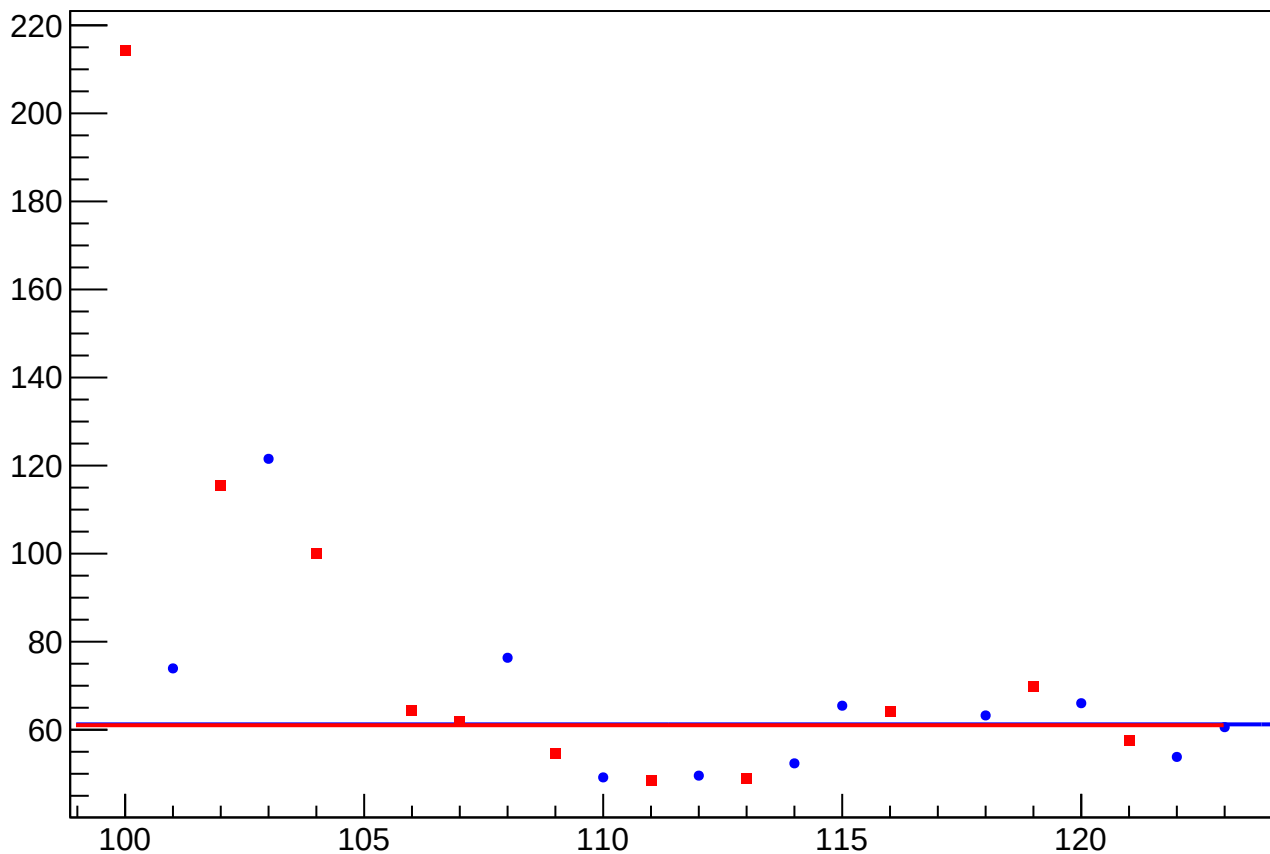
Right: 32.862+/-21.743 χ^2/NDF : 28.6/21

In: 30.282+/-31.454 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.862+/-21.743 χ^2/NDF : 28.6/21

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.222+/-0.022 χ^2/NDF : 482568.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.030+/-0.021 χ^2/NDF : 655272.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

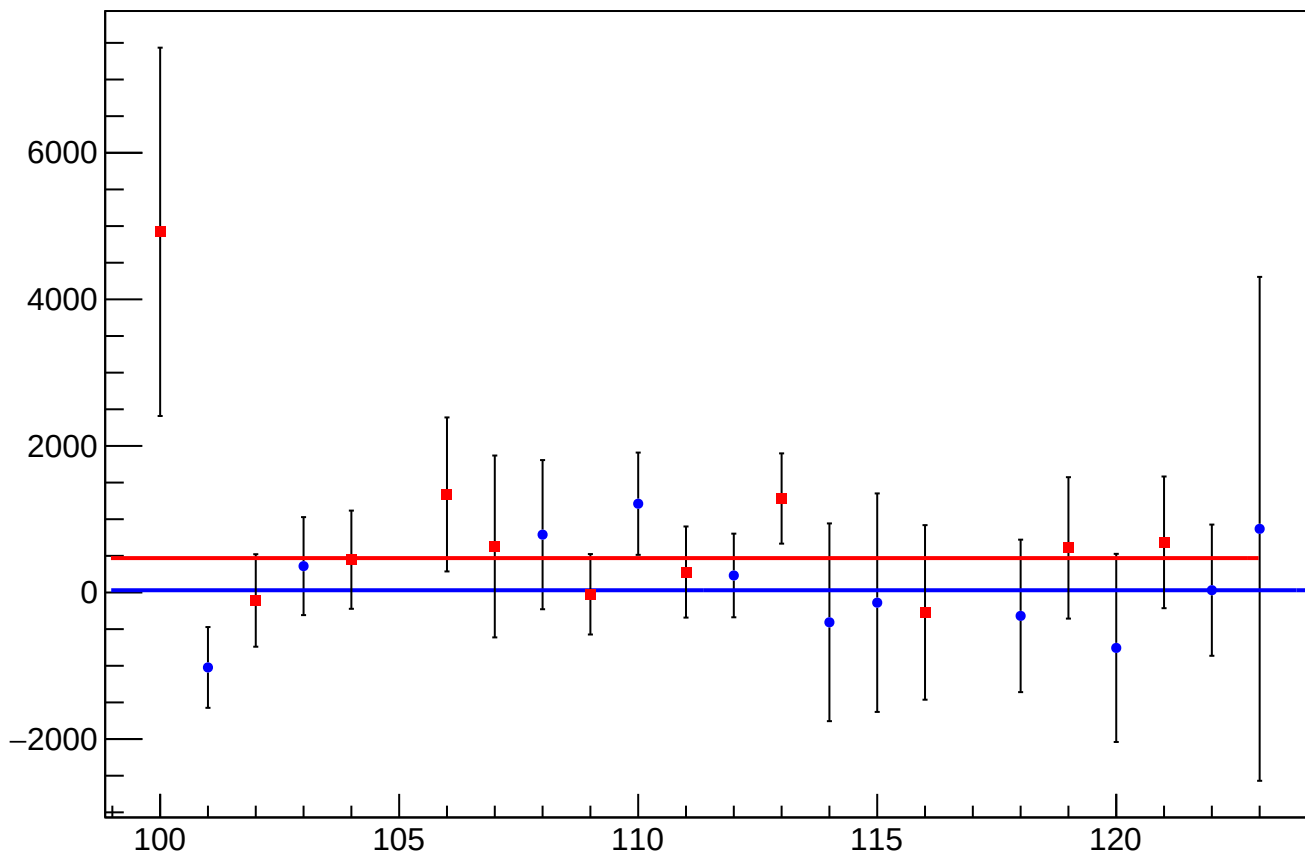
Right: 61.122+/-0.015 χ^2/NDF : 1137880.1/21

In: 61.222+/-0.022 χ^2/NDF : 482568.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.122+/-0.015 χ^2/NDF : 1137880.1/21

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 30.698+/-254.153 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.415+/-235.622 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

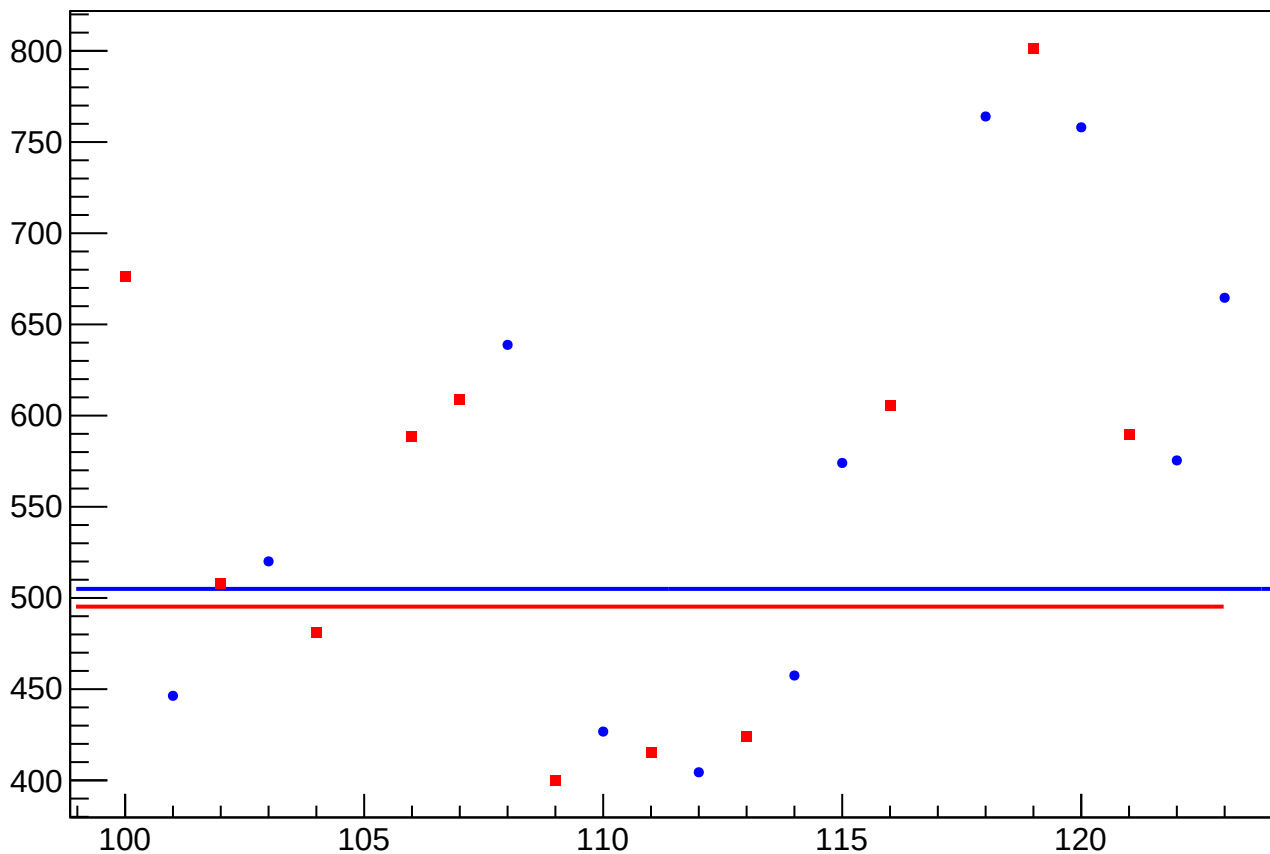
Right: 266.631+/-172.790 χ^2/NDF : 17.5/21

In: 30.698+/-254.153 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.631+/-172.790 χ^2/NDF : 17.5/21

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 504.978+/-0.180 χ^2/NDF : 370712.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.260+/-0.167 χ^2/NDF : 404747.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

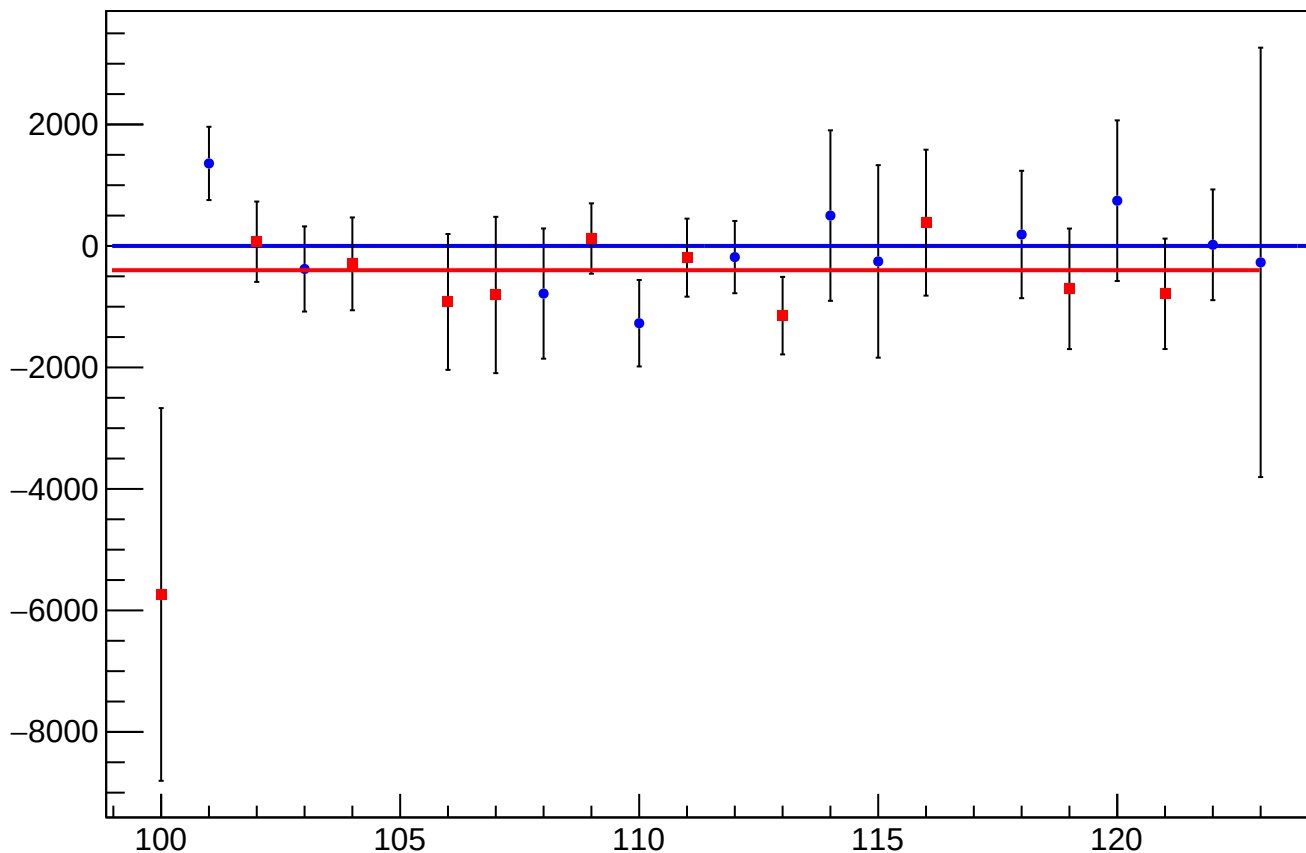
Right: 499.752+/-0.122 χ^2/NDF : 777032.5/21

In: 504.978+/-0.180 χ^2/NDF : 370712.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.752+/-0.122 χ^2/NDF : 777032.5/21

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.107+/-266.062 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -399.203+/-247.761 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

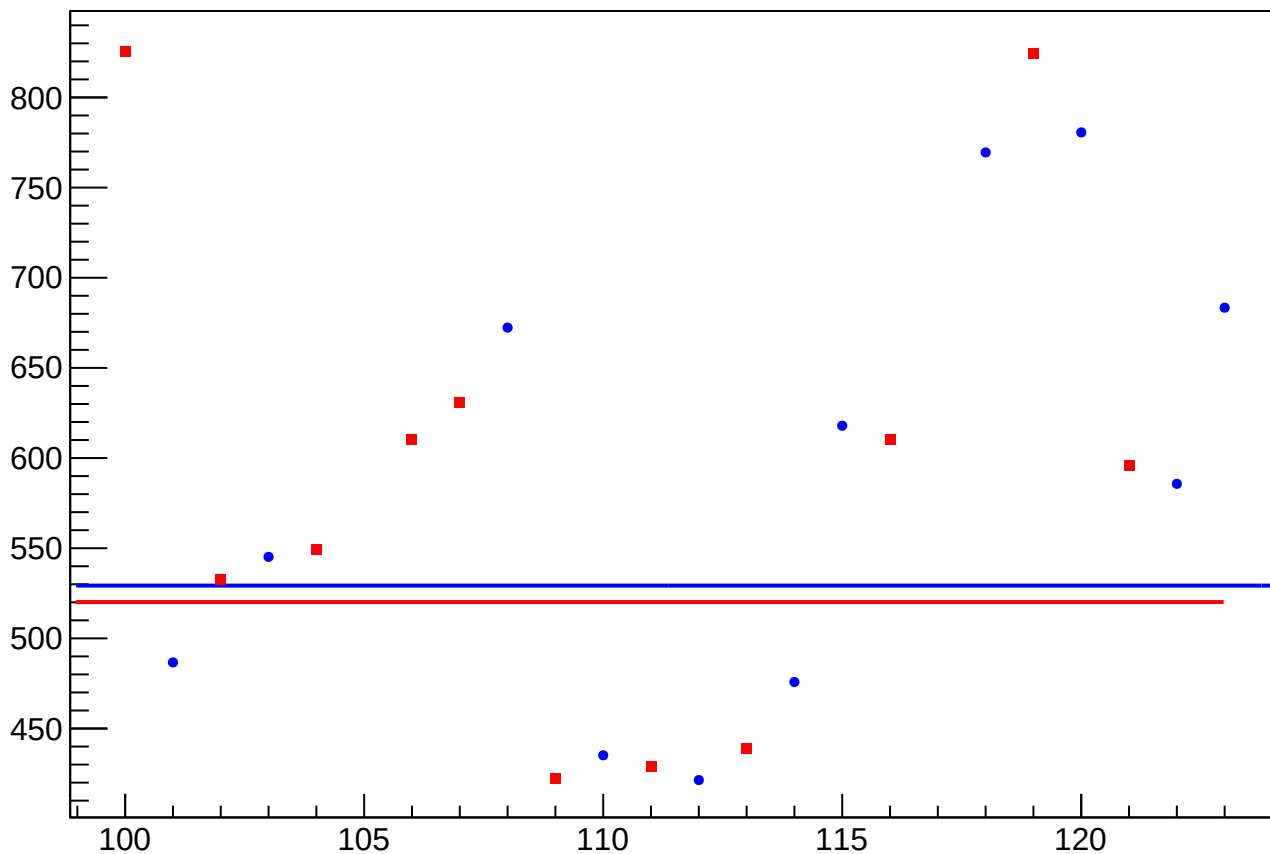
Right: -213.752+/-181.318 χ^2/NDF : 17.8/21

In: 0.107+/-266.062 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.752+/-181.318 χ^2/NDF : 17.8/21

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 529.272+/-0.188 χ^2/NDF : 345252.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.163+/-0.175 χ^2/NDF : 394382.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

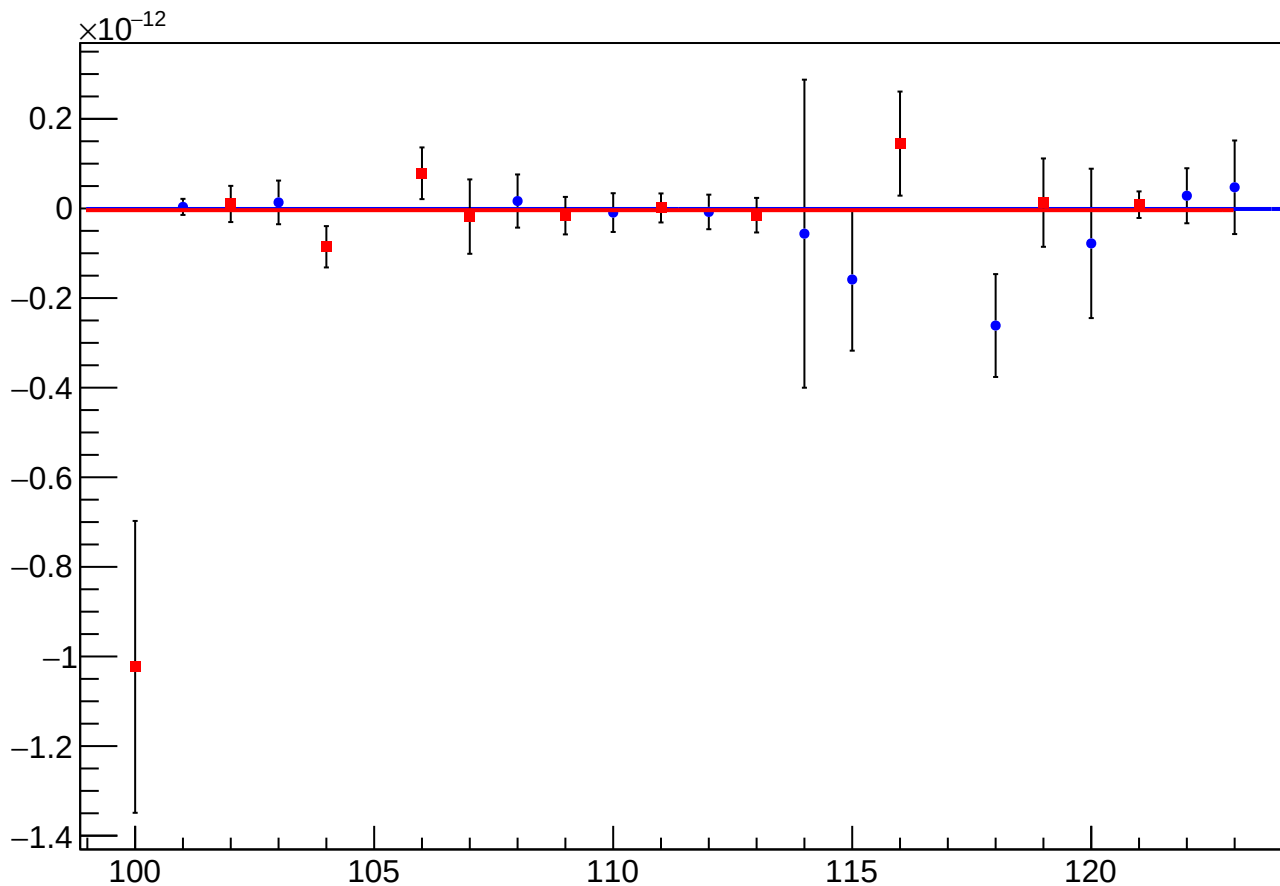
Right: 524.393+/-0.128 χ^2/NDF : 740890.5/21

In: 529.272+/-0.188 χ^2/NDF : 345252.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.393+/-0.128 χ^2/NDF : 740890.5/21

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

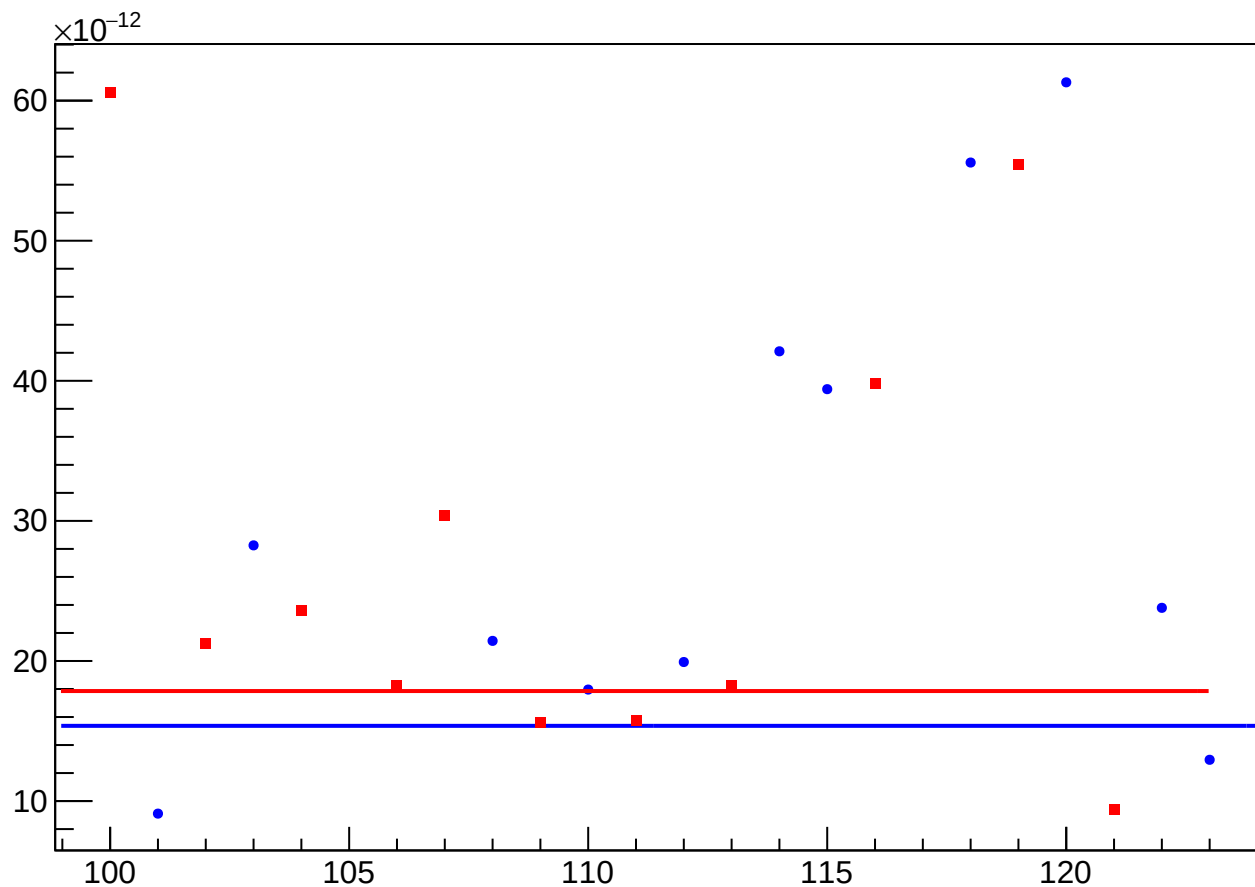
Right: -0.000+/-0.000 χ^2/NDF : 24.3/21

In: -0.000+/-0.000 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.3/21

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 933948.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 664161.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

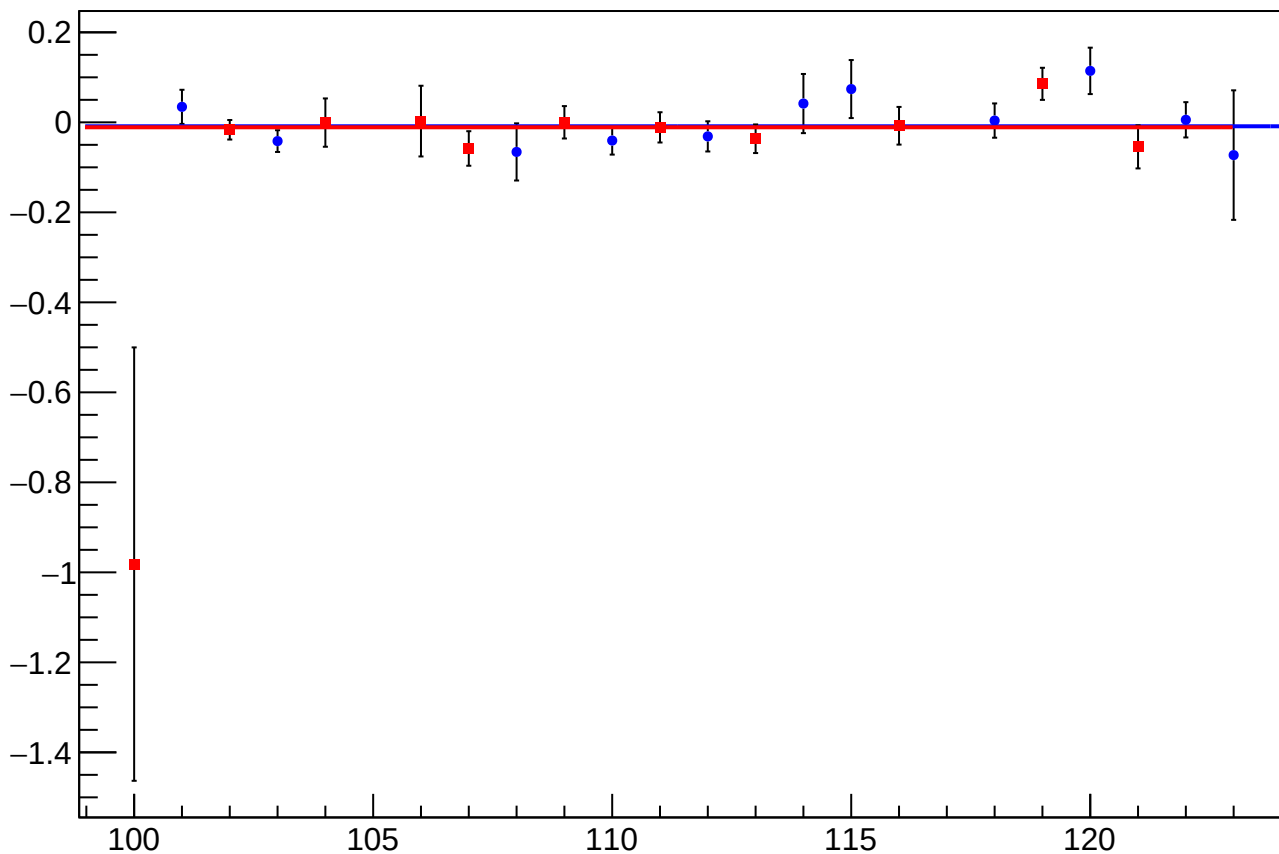
Right: 0.000+/-0.000 χ^2/NDF : 1630710.2/21

In: 0.000+/-0.000 χ^2/NDF : 933948.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1630710.2/21

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.012 χ^2/NDF : 13.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.011 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

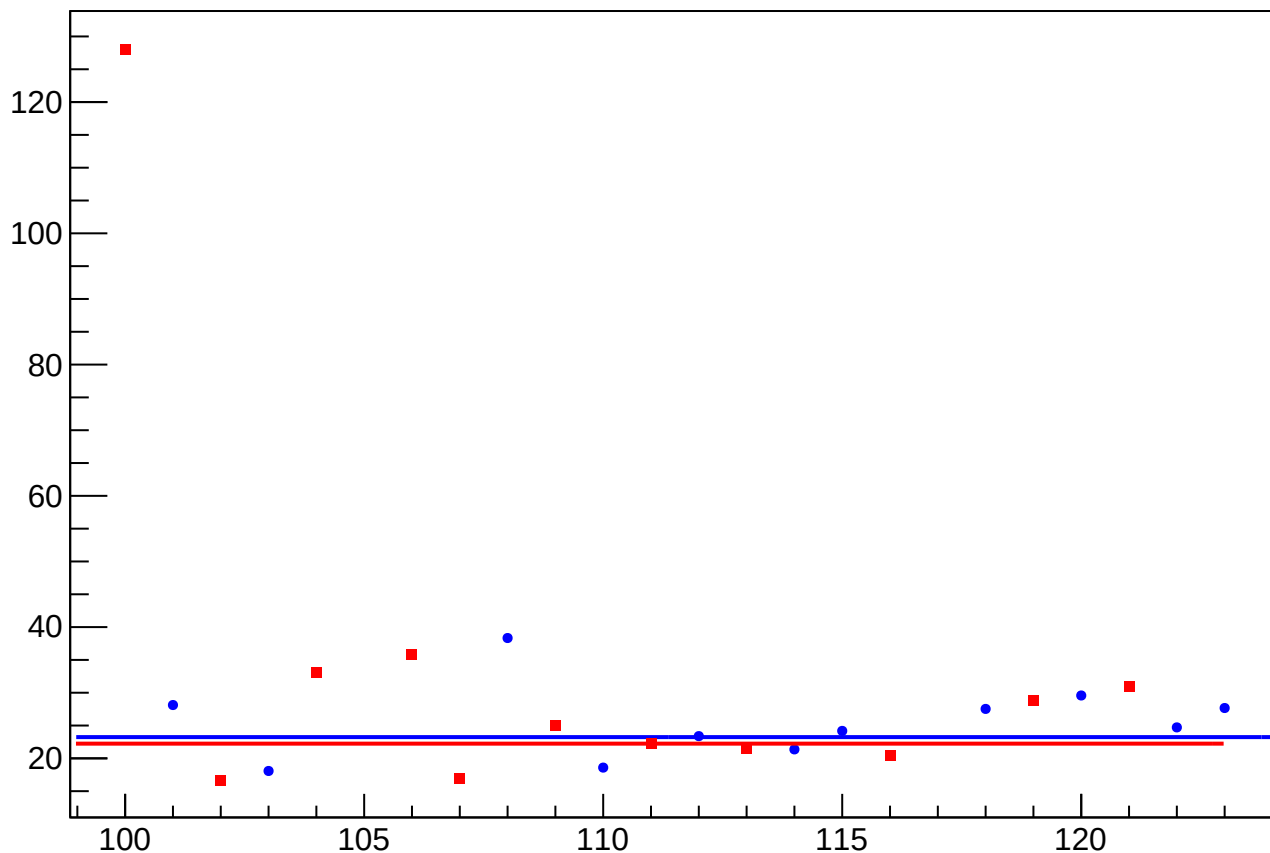
Right: -0.010 ± 0.008 χ^2/NDF : 28.4/21

In: -0.009 ± 0.012 χ^2/NDF : 13.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 28.4/21

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.237+/-0.009 χ^2/NDF : 344182.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.241+/-0.008 χ^2/NDF : 562263.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

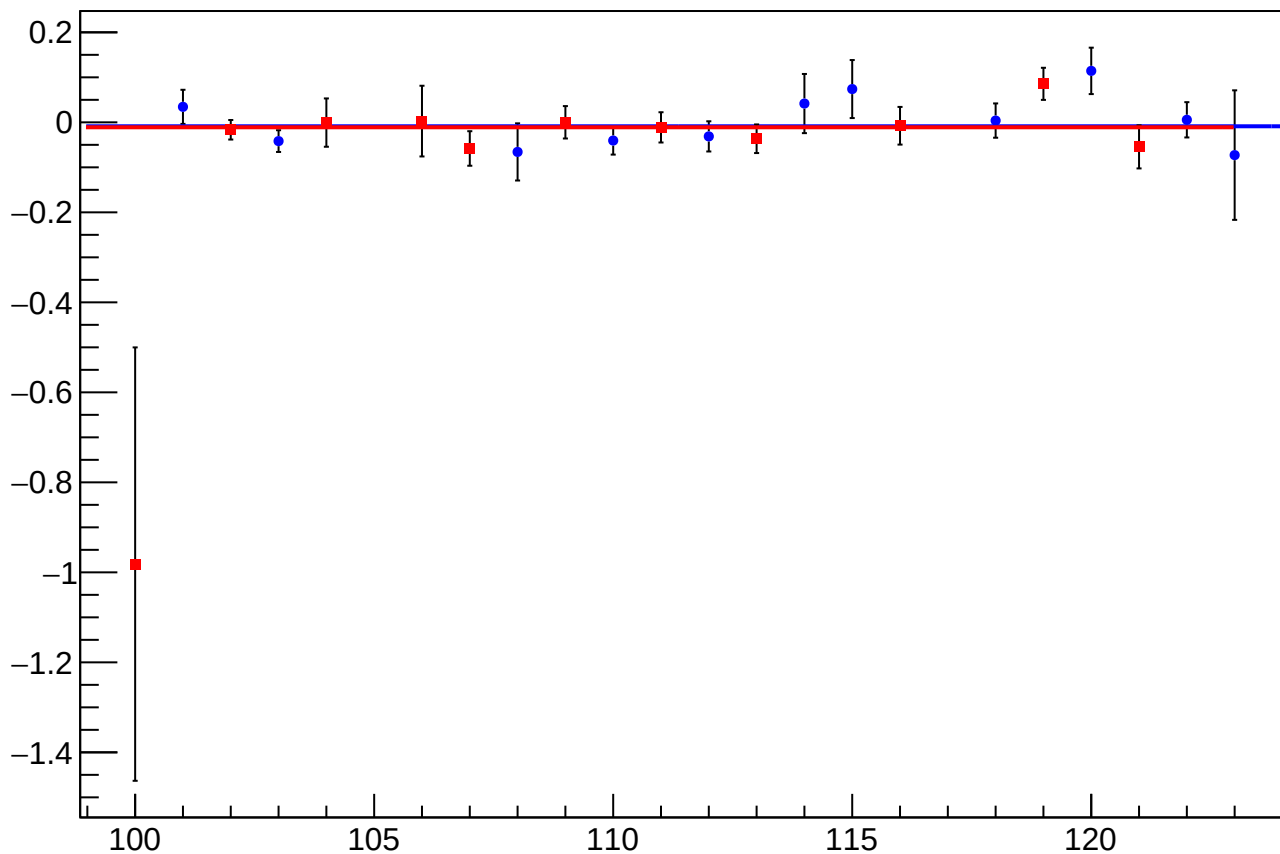
Right: 22.707+/-0.006 χ^2/NDF : 913639.6/21

In: 23.237+/-0.009 χ^2/NDF : 344182.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.707+/-0.006 χ^2/NDF : 913639.6/21

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.012 χ^2/NDF : 13.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.011 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

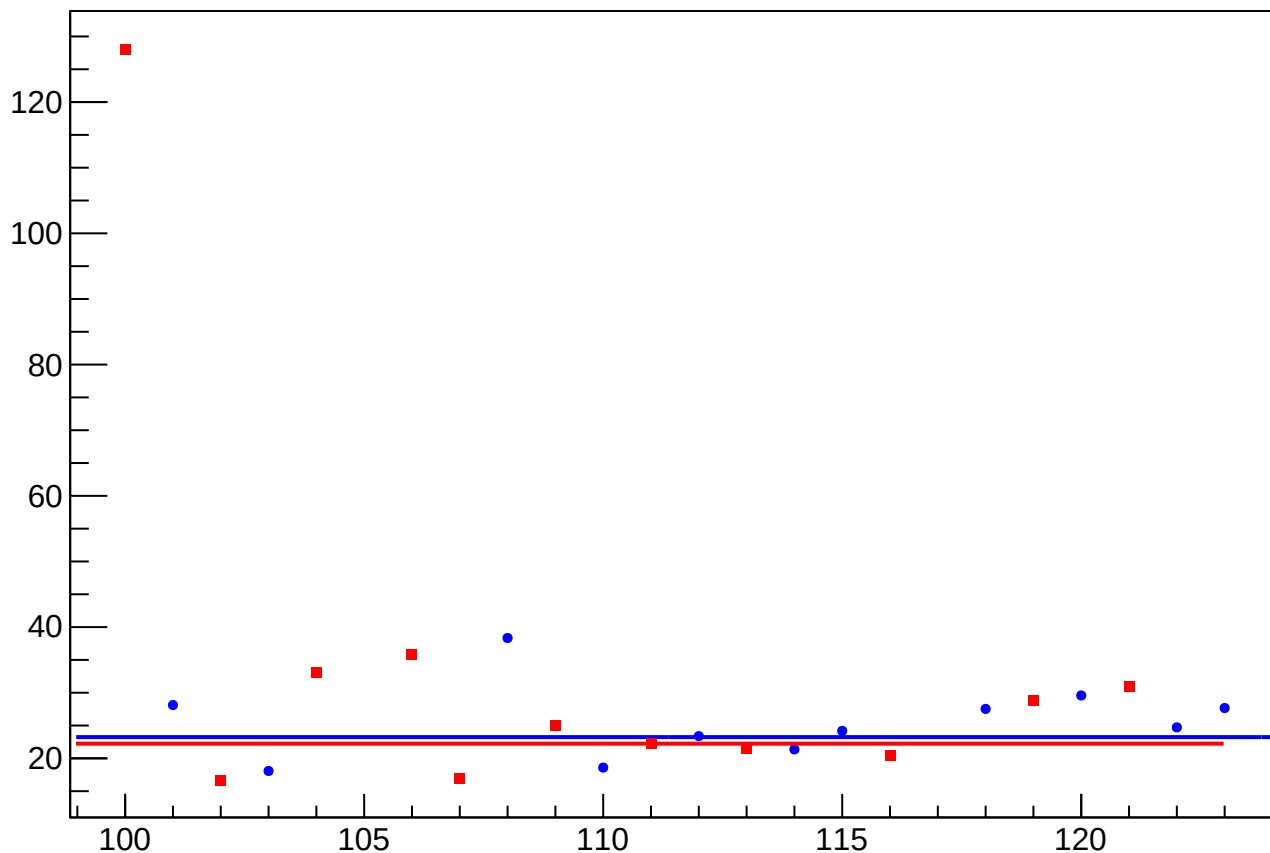
Right: -0.010 ± 0.008 χ^2/NDF : 28.4/21

In: -0.009 ± 0.012 χ^2/NDF : 13.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 28.4/21

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.237+/-0.009 χ^2/NDF : 344182.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.241+/-0.008 χ^2/NDF : 562263.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

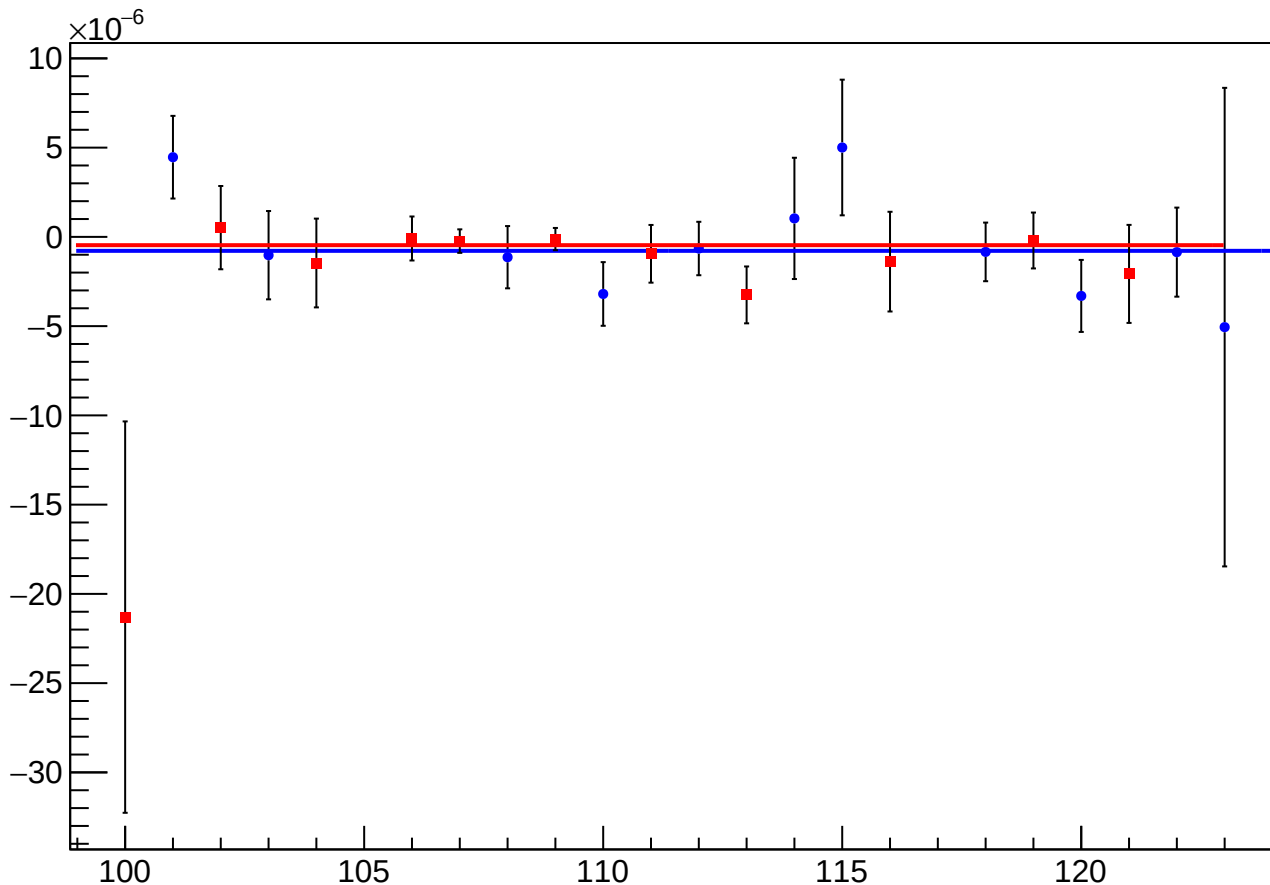
Right: 22.707+/-0.006 χ^2/NDF : 913639.6/21

In: 23.237+/-0.009 χ^2/NDF : 344182.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.707+/-0.006 χ^2/NDF : 913639.6/21

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/10

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

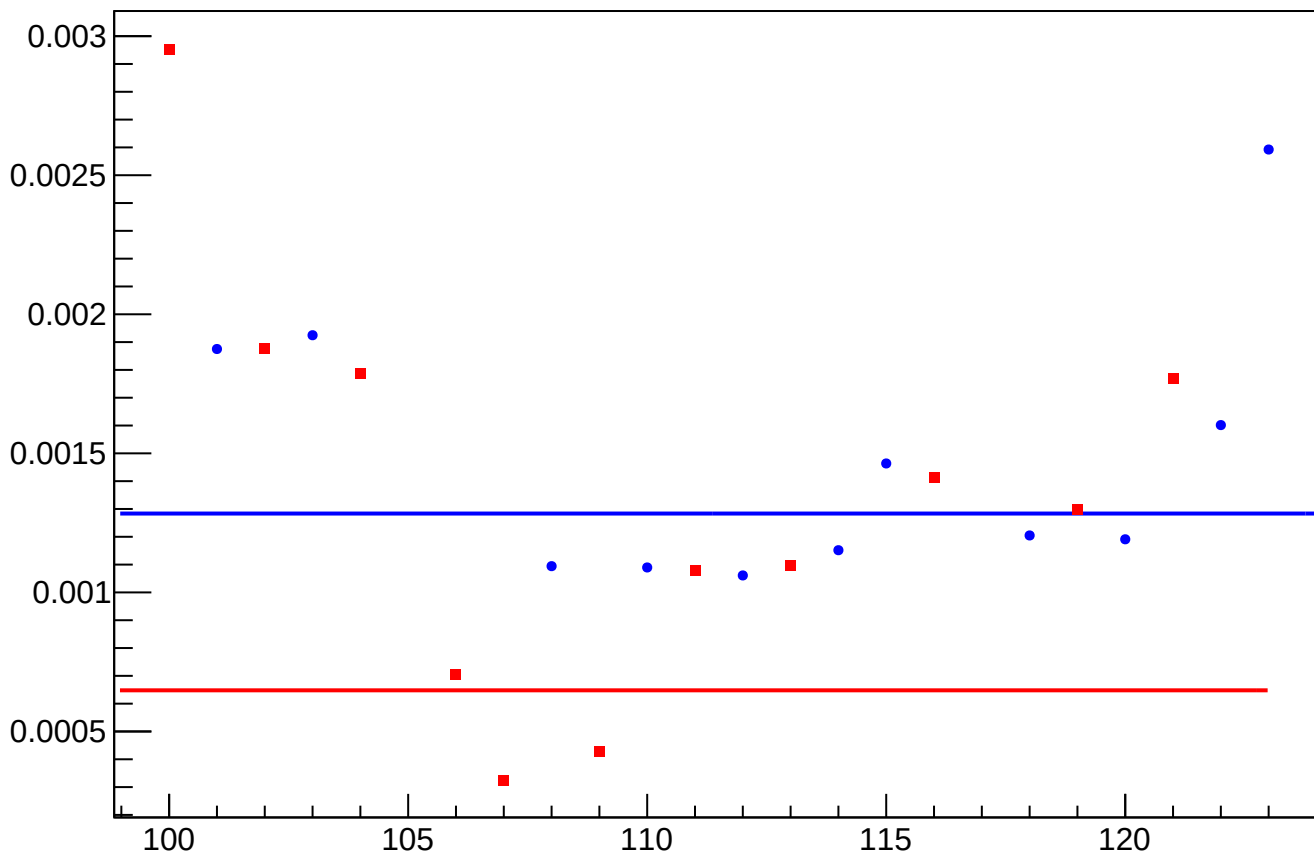
Right: -0.000+/-0.000 χ^2/NDF : 19.6/21

In: -0.000+/-0.000 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/21

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 424144.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2939351.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

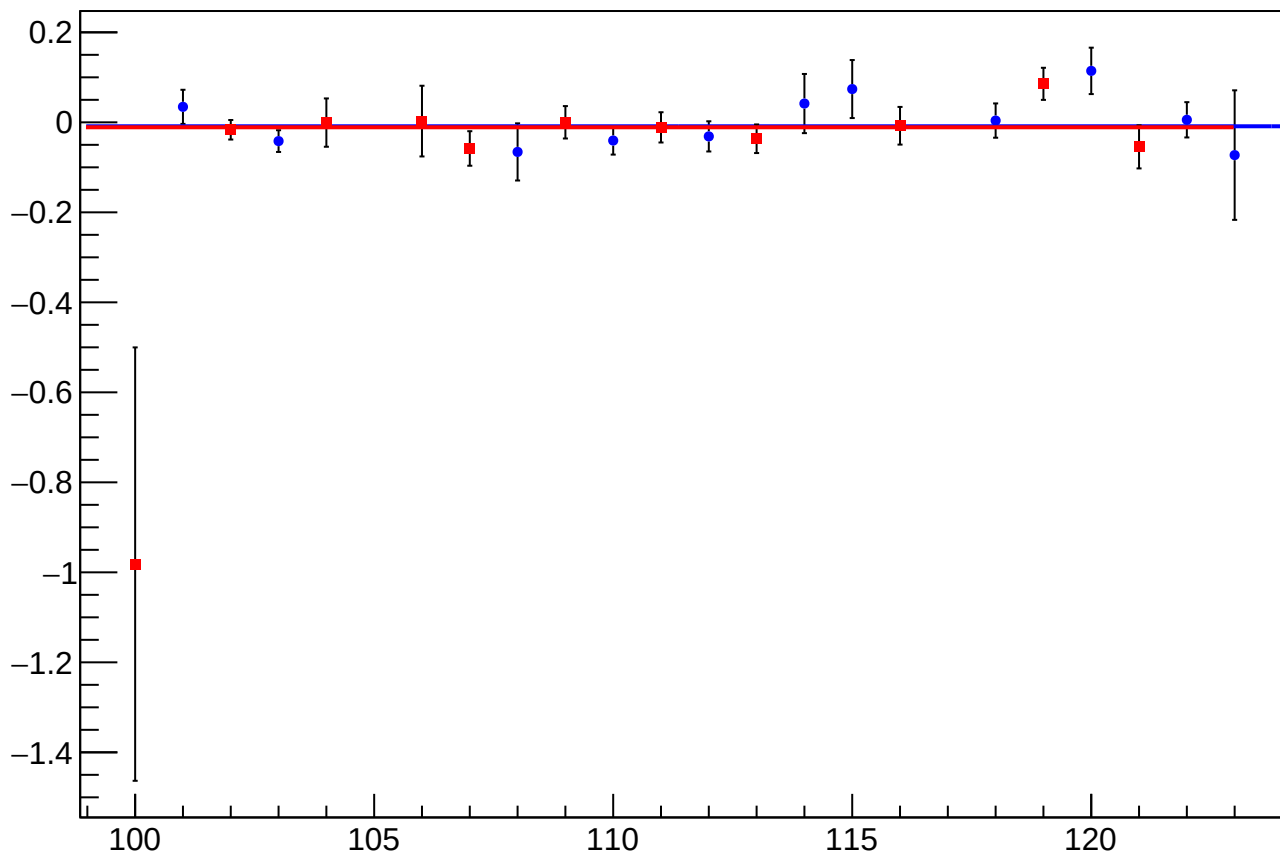
Right: 0.001+/-0.000 χ^2/NDF : 4815318.8/21

In: 0.001+/-0.000 χ^2/NDF : 424144.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4815318.8/21

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.012 χ^2/NDF : 13.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.011 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

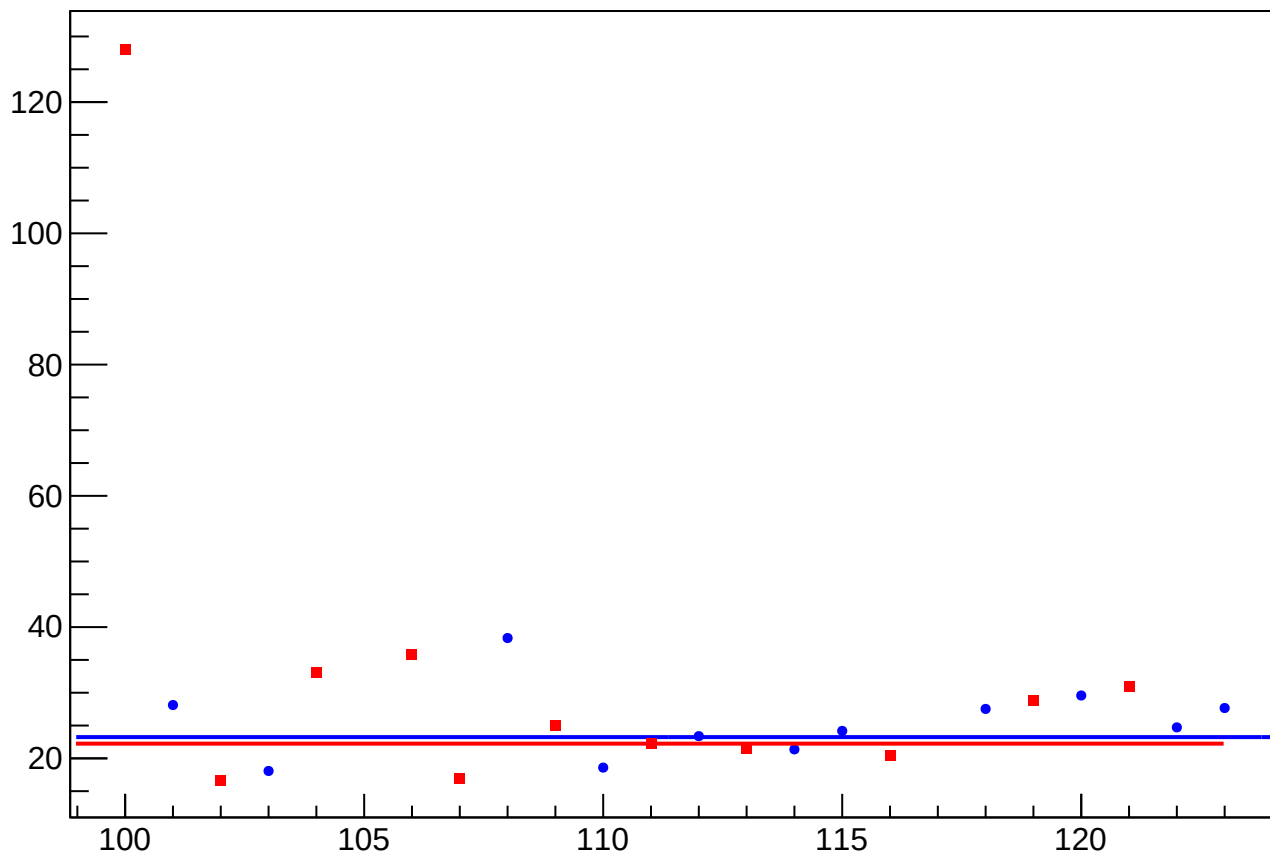
Right: -0.010 ± 0.008 χ^2/NDF : 28.4/21

In: -0.009 ± 0.012 χ^2/NDF : 13.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 28.4/21

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.238+/-0.009 χ^2/NDF : 344166.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.242+/-0.008 χ^2/NDF : 562243.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

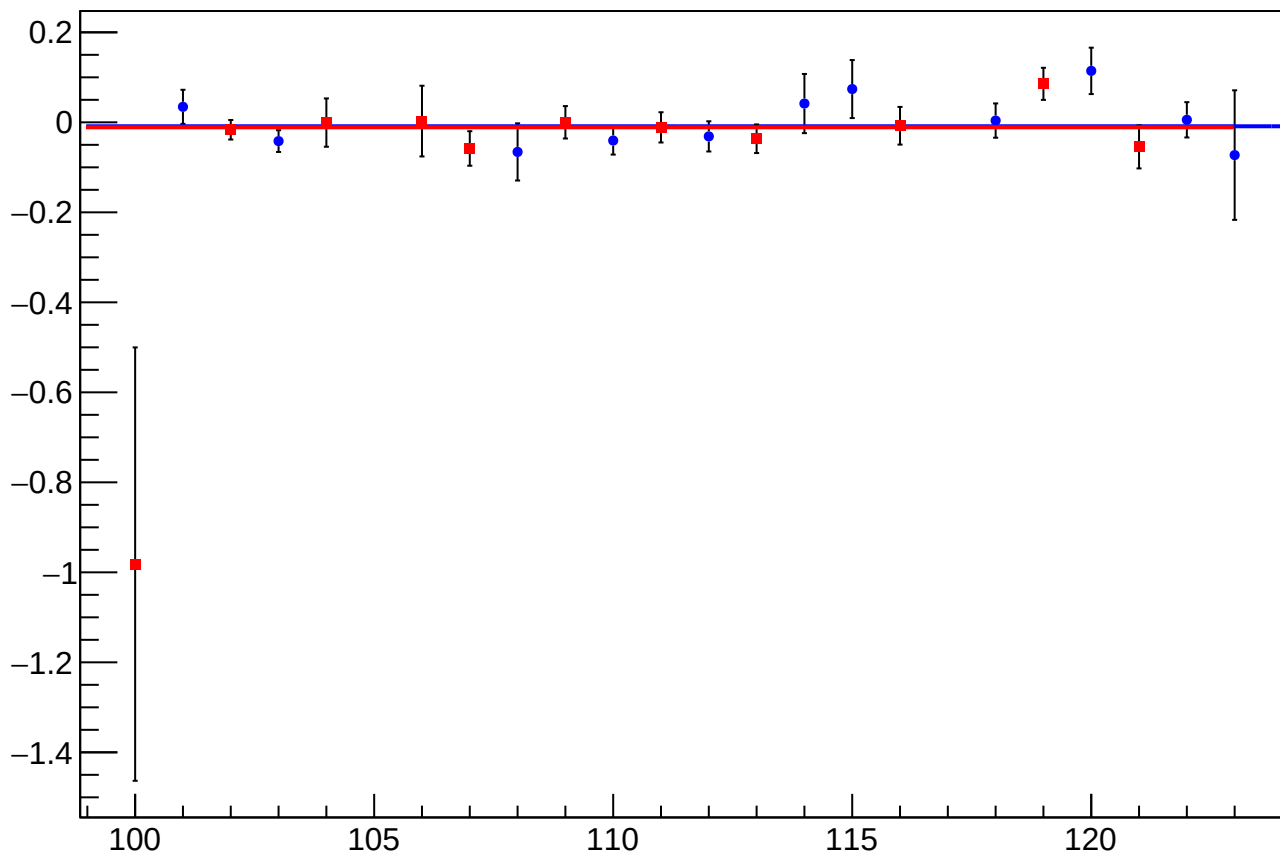
Right: 22.707+/-0.006 χ^2/NDF : 913603.0/21

In: 23.238+/-0.009 χ^2/NDF : 344166.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.707+/-0.006 χ^2/NDF : 913603.0/21

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.012 χ^2/NDF : 13.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.011+/-0.011 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

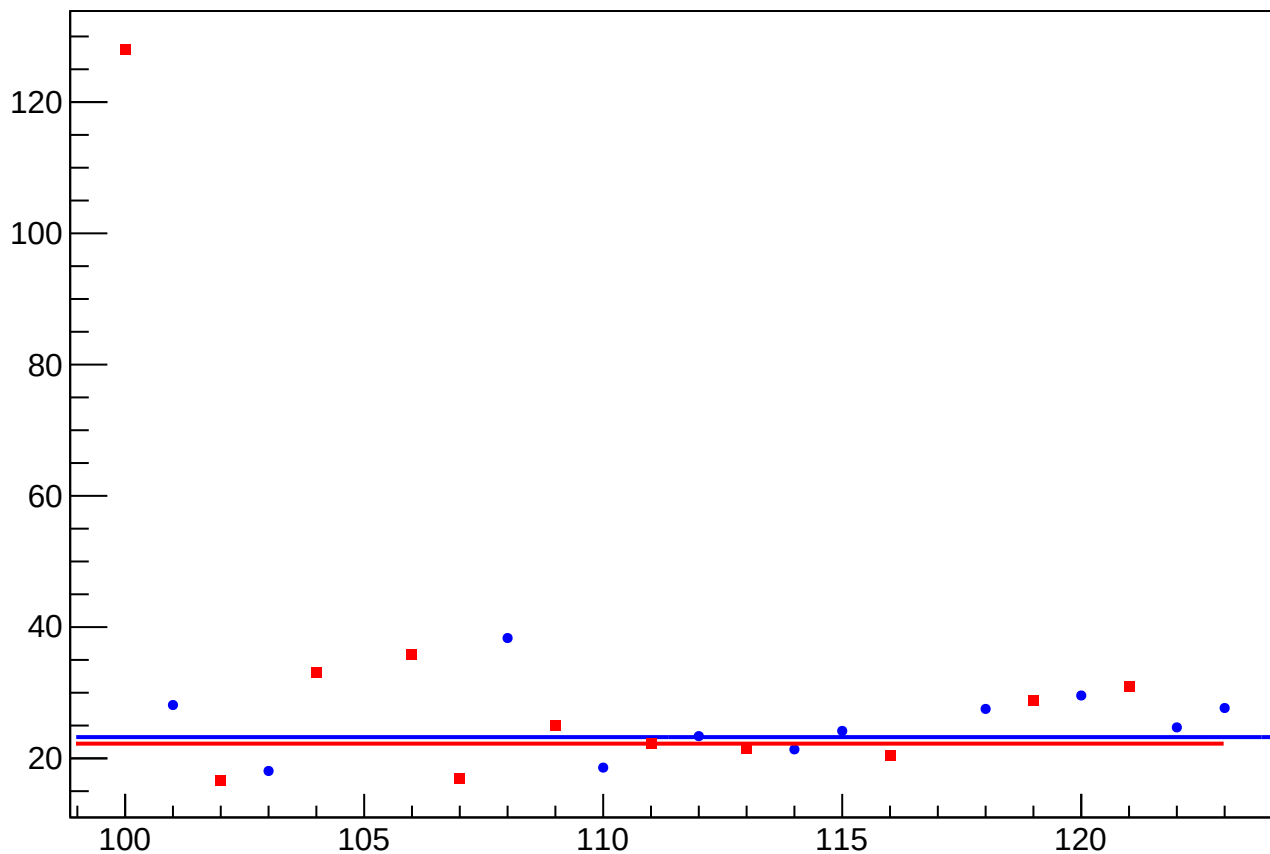
Right: -0.010+/-0.008 χ^2/NDF : 28.4/21

In: -0.009+/-0.012 χ^2/NDF :13.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.008 χ^2/NDF : 28.4/21

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.238+/-0.009 χ^2/NDF : 344166.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.242+/-0.008 χ^2/NDF : 562243.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

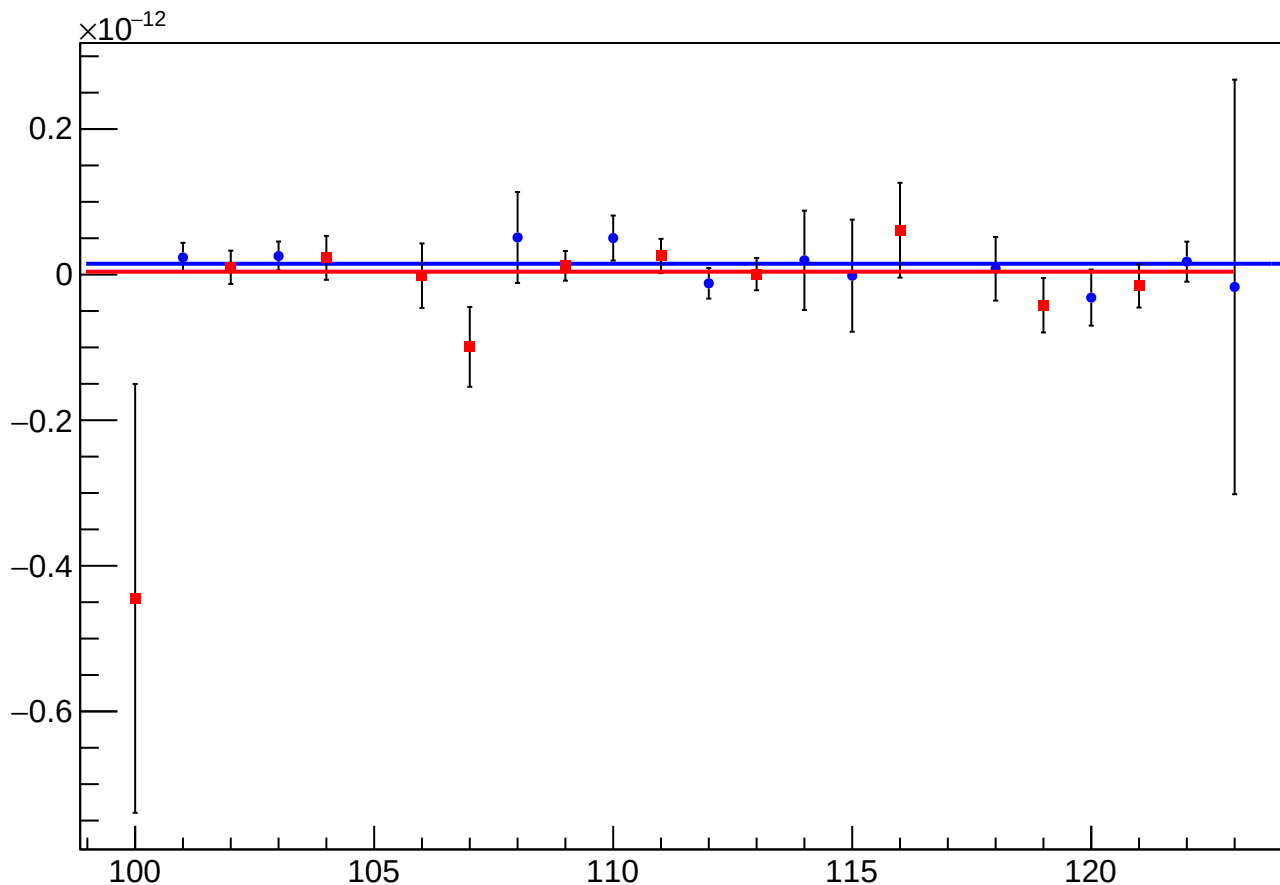
Right: 22.707+/-0.006 χ^2/NDF : 913603.0/21

In: 23.238+/-0.009 χ^2/NDF :344166.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.707+/-0.006 χ^2/NDF : 913603.0/21

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/10

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

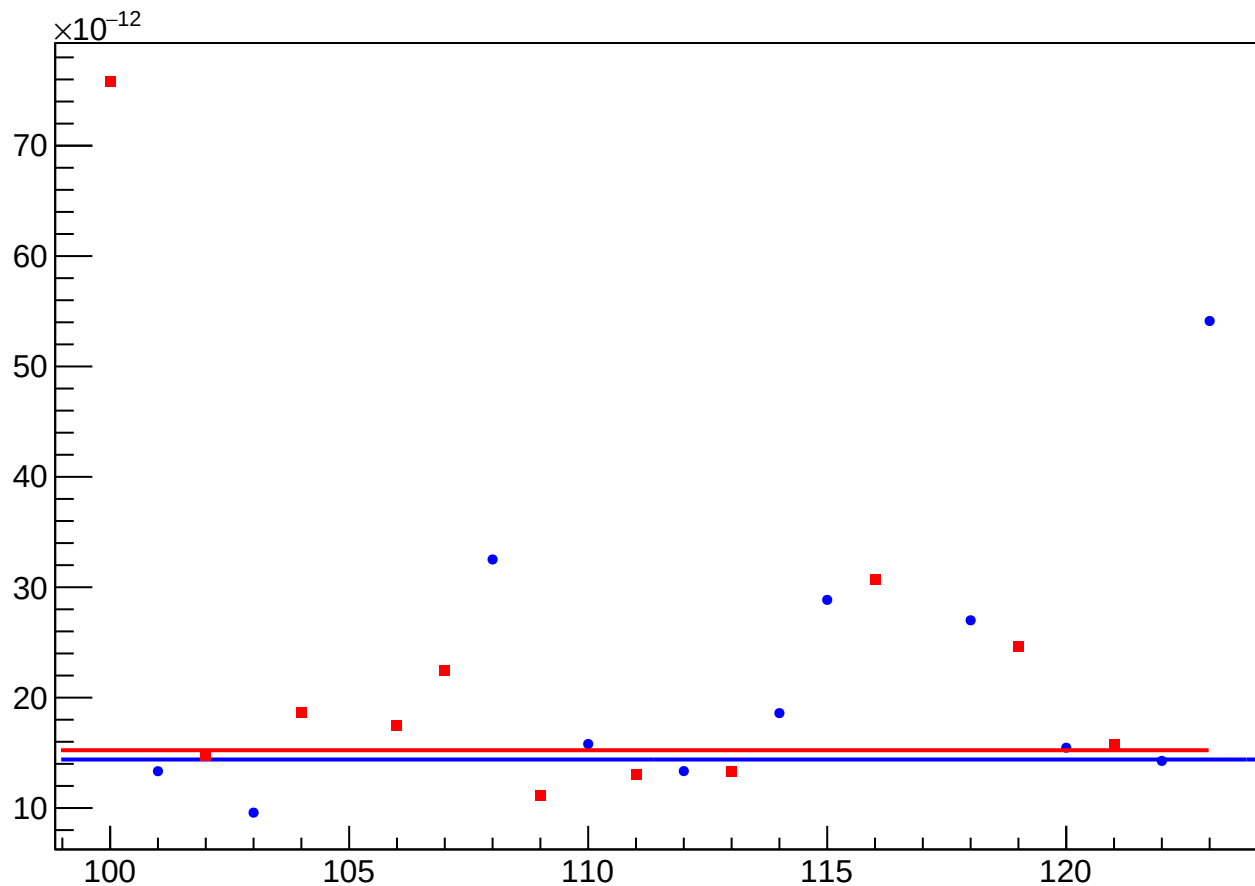
Right: 0.000+/-0.000 χ^2/NDF : 16.1/21

In: 0.000+/-0.000 χ^2/NDF : 5.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/21

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 584854.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 506511.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

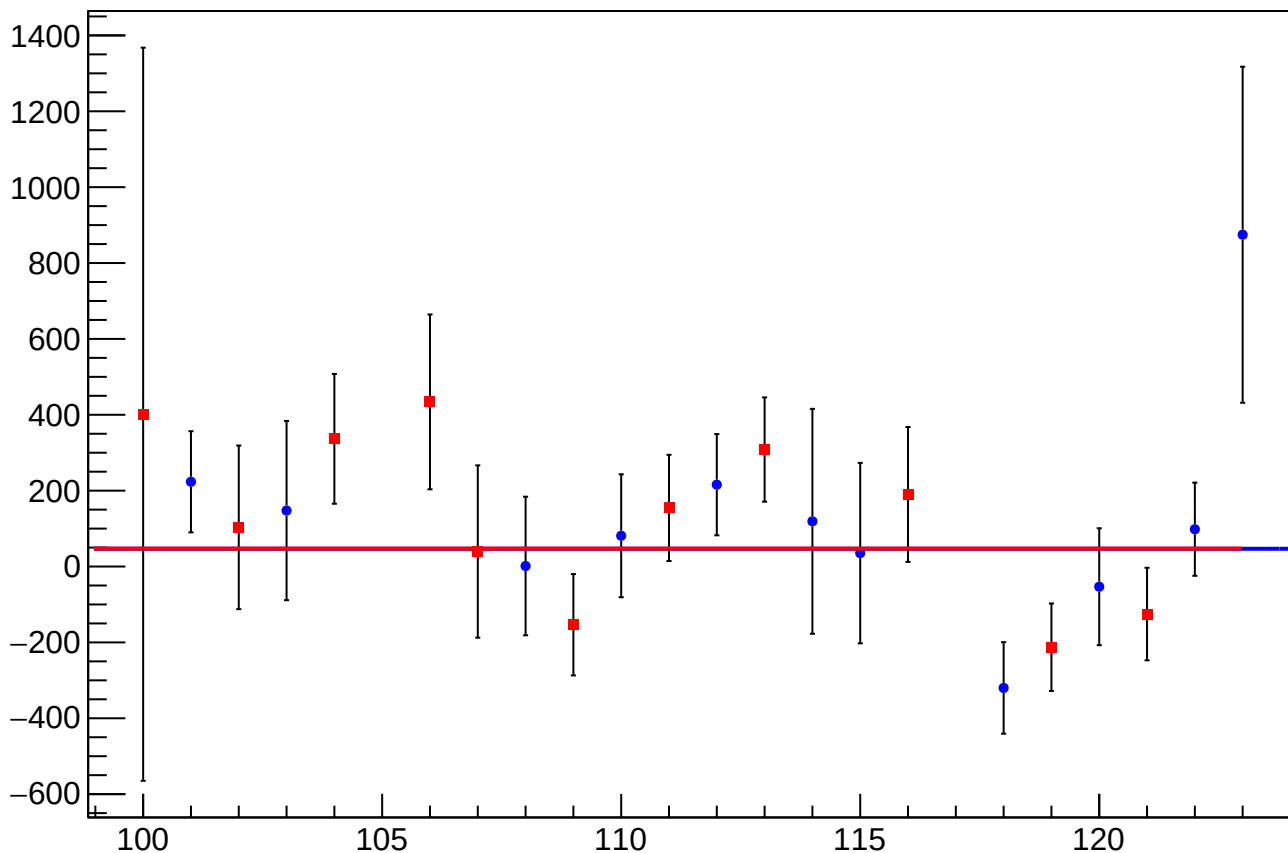
Right: 0.000+/-0.000 χ^2/NDF : 1099705.6/21

In: 0.000+/-0.000 χ^2/NDF : 584854.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1099705.6/21

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 46.825+/-49.405 χ^2/NDF : 17.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.266+/-48.278 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

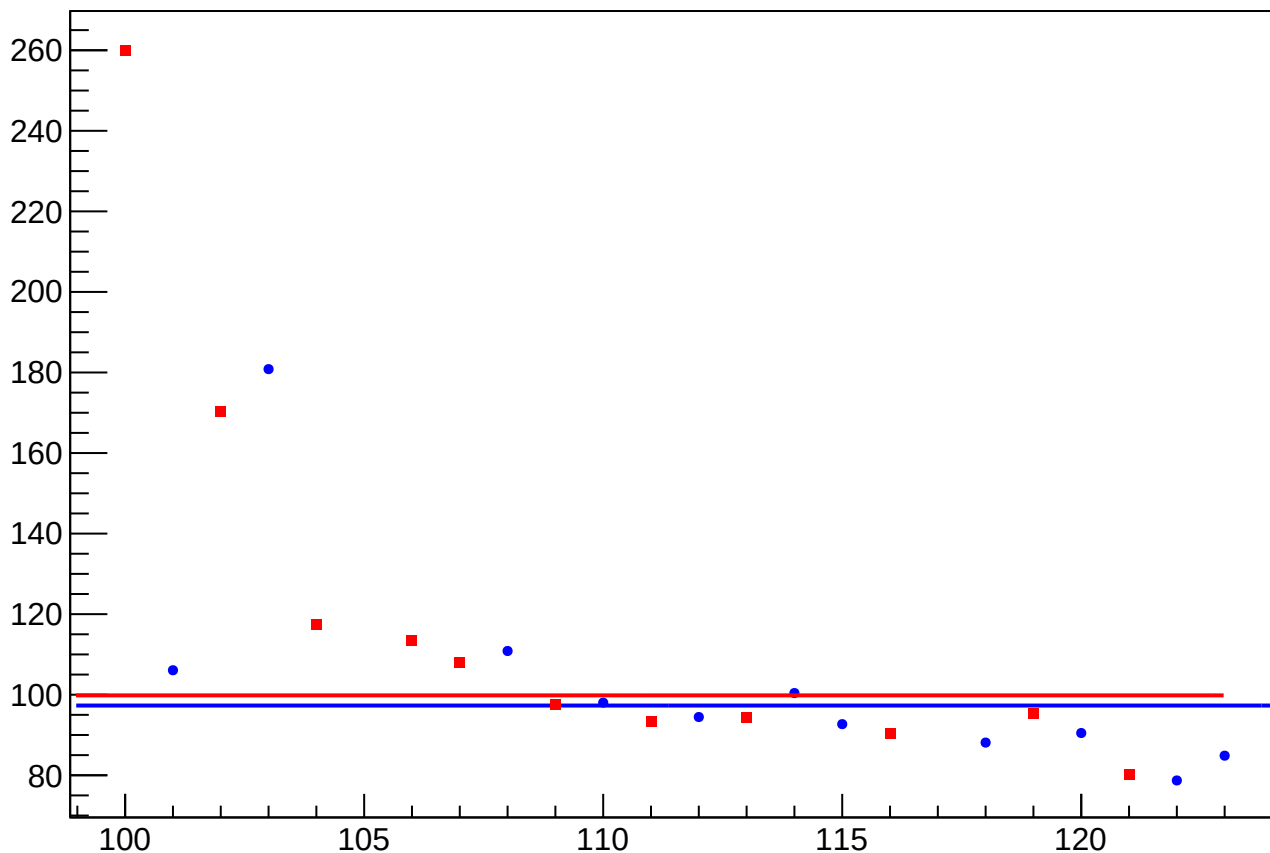
Right: 47.051+/-34.529 χ^2/NDF : 37.1/21

In: 46.825+/-49.405 χ^2/NDF : 17.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.051+/-34.529 χ^2/NDF : 37.1/21

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 97.311+/-0.035 χ^2/NDF : 334576.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.834+/-0.034 χ^2/NDF : 367769.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

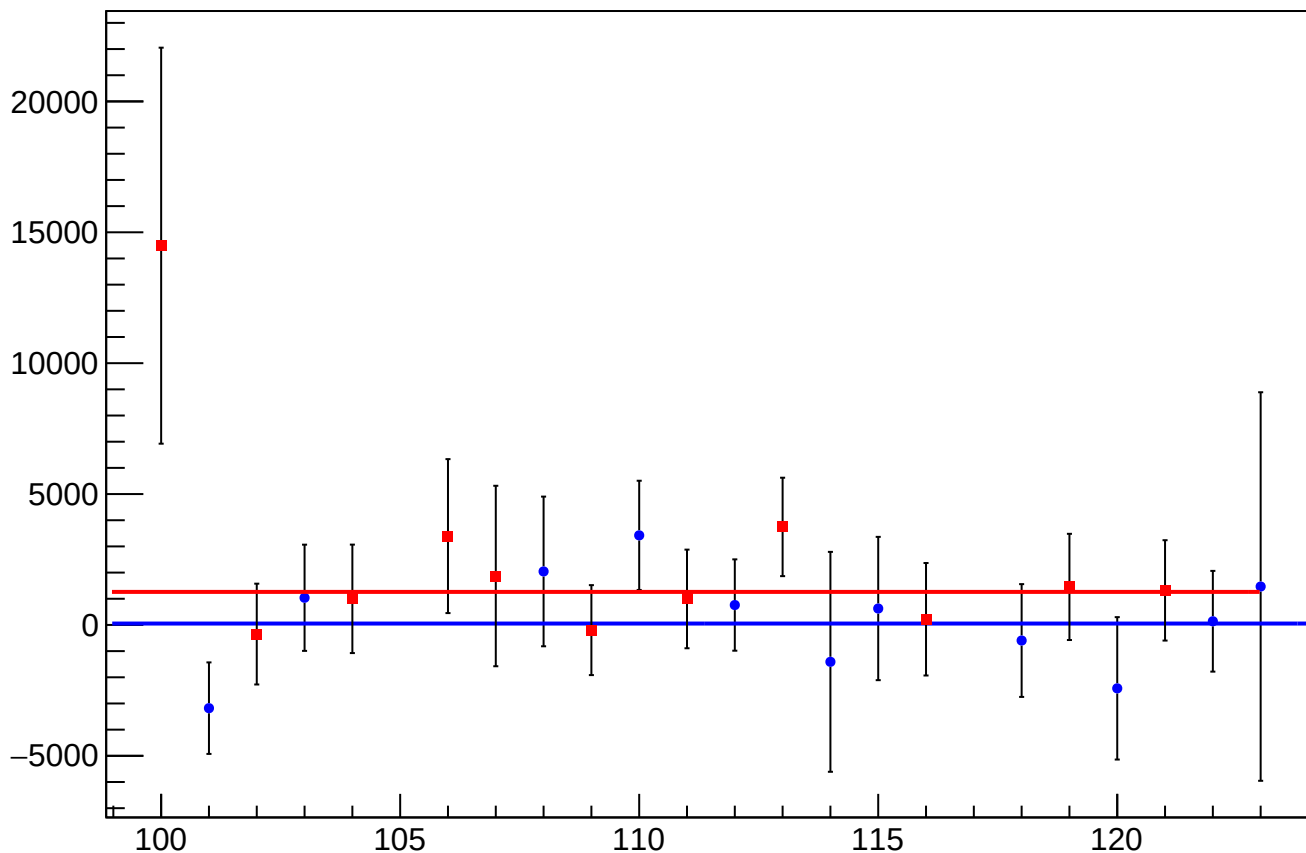
Right: 98.602+/-0.024 χ^2/NDF : 705013.5/21

In: 97.311+/-0.035 χ^2/NDF : 334576.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.602+/-0.024 χ^2/NDF : 705013.5/21

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 53.374+/-693.400 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.271+/-651.644 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

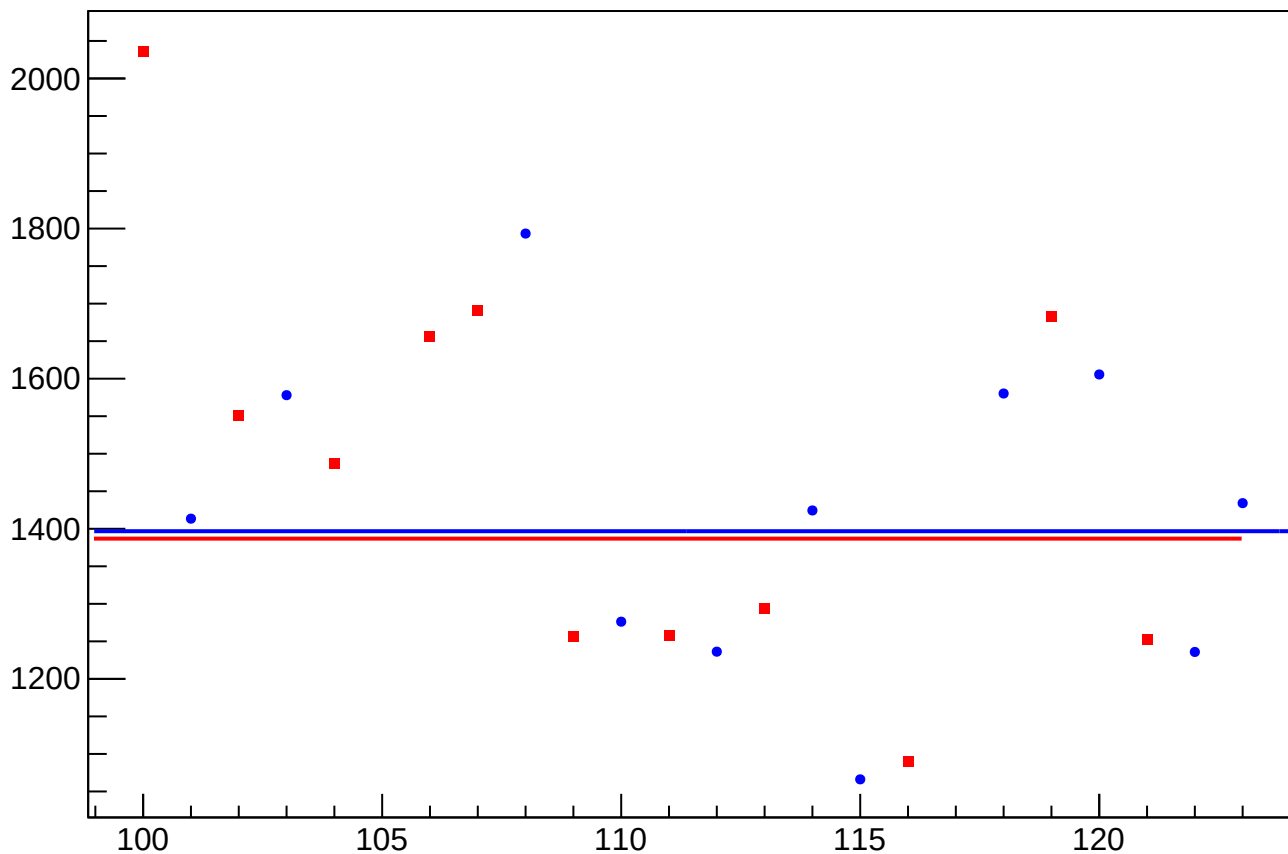
Right: 695.316+/-474.858 χ^2/NDF : 16.7/21

In: 53.374+/-693.400 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.316+/-474.858 χ^2/NDF : 16.7/21

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1396.774+/-0.490 χ^2/NDF : 147834.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1386.896+/-0.461 χ^2/NDF : 182746.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

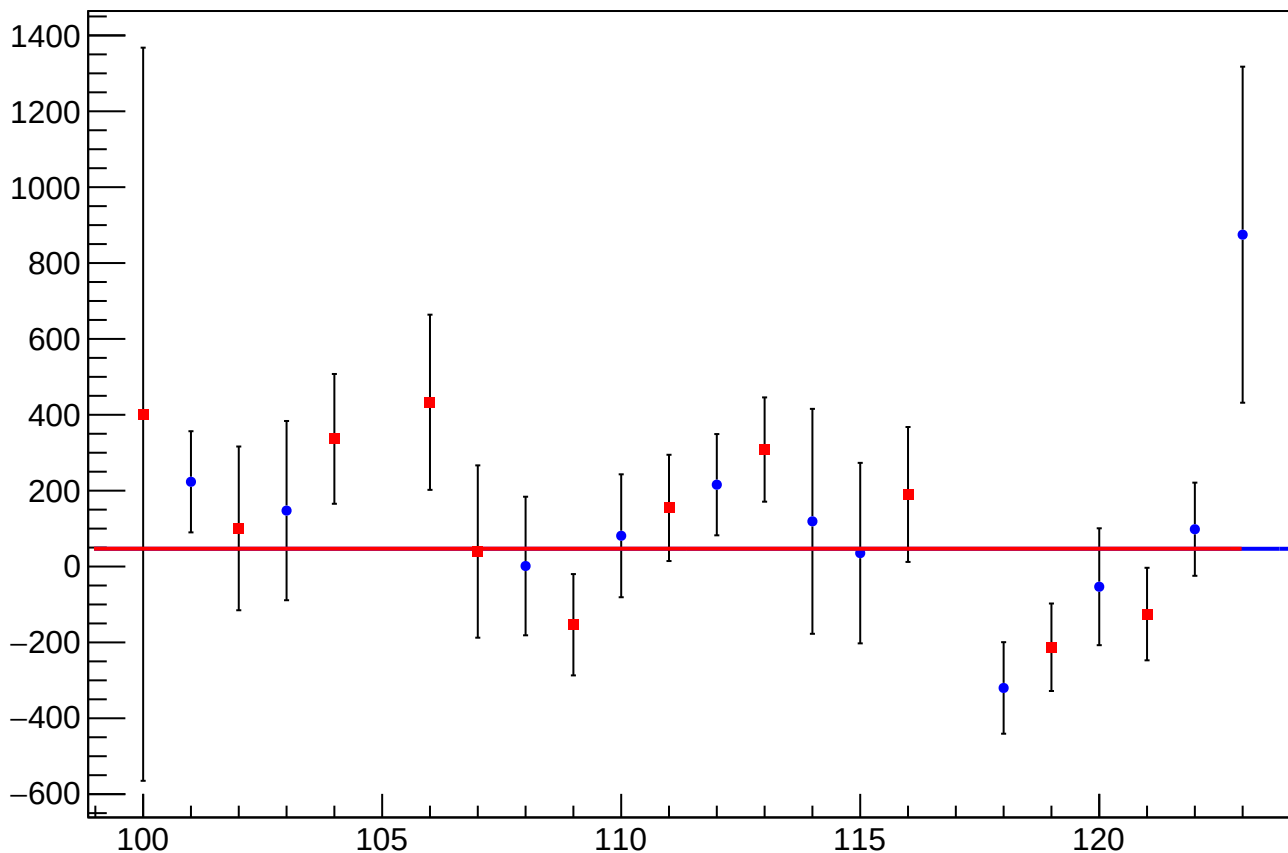
Right: 1391.529+/-0.336 χ^2/NDF : 330796.3/21

In: 1396.774+/-0.490 χ^2/NDF : 147834.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.529+/-0.336 χ^2/NDF : 330796.3/21

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 46.812+/-49.405 χ^2/NDF : 17.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.011+/-48.283 χ^2/NDF : 20.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

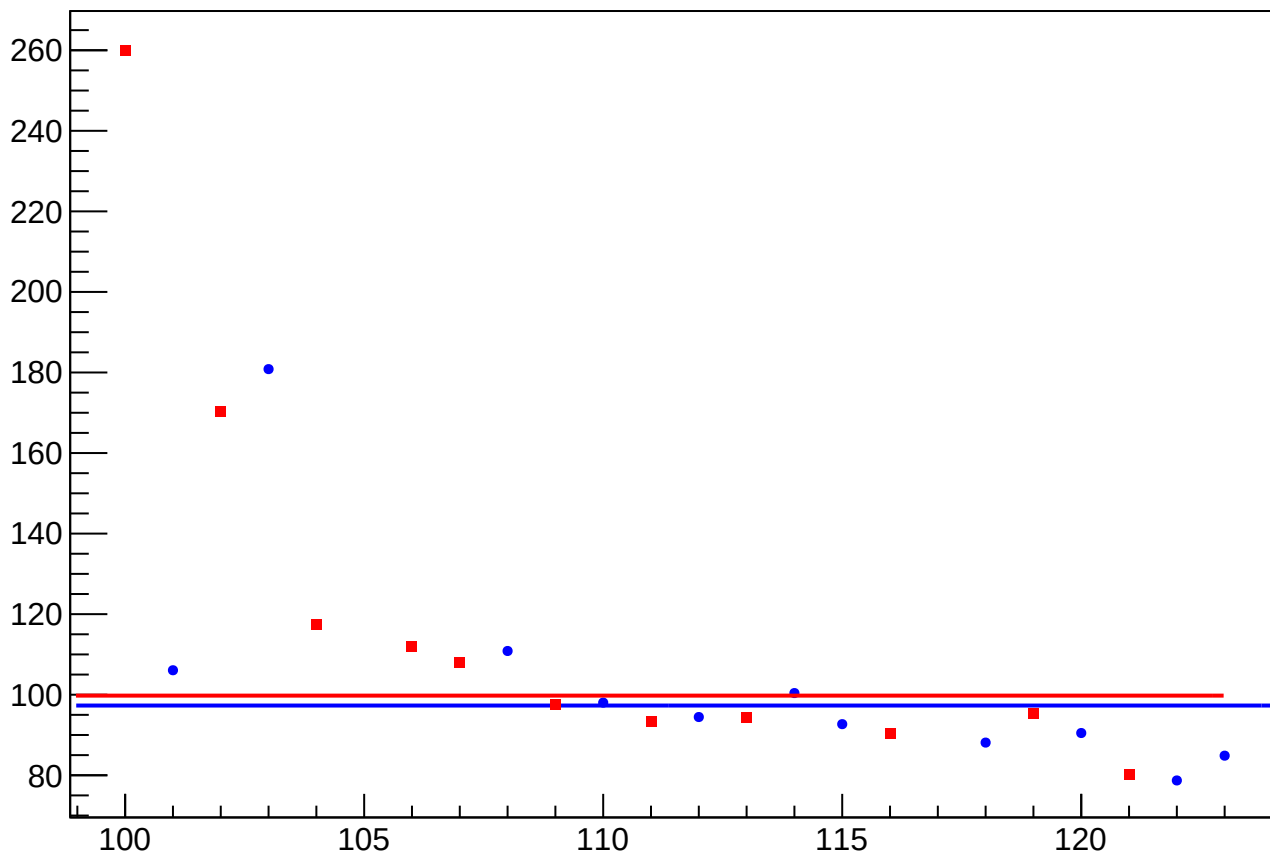
Right: 46.914+/-34.531 χ^2/NDF : 37.1/21

In: 46.812+/-49.405 χ^2/NDF : 17.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.914+/-34.531 χ^2/NDF : 37.1/21

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 97.311+/-0.035 χ^2/NDF : 334579.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.774+/-0.034 χ^2/NDF : 366744.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

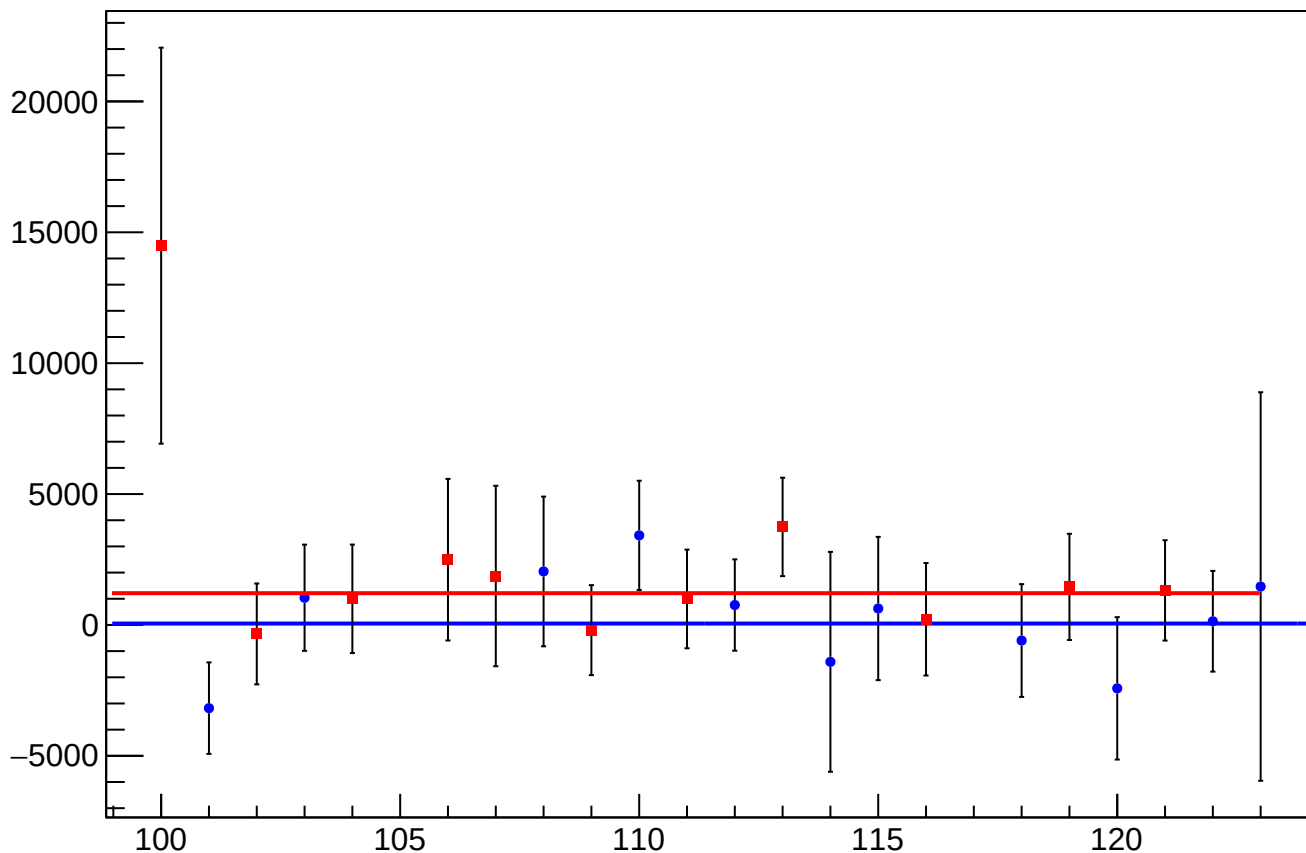
Right: 98.571+/-0.024 χ^2/NDF : 703866.6/21

In: 97.311+/-0.035 χ^2/NDF : 334579.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.571+/-0.024 χ^2/NDF : 703866.6/21

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.452+/-693.406 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1213.236+/-653.170 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

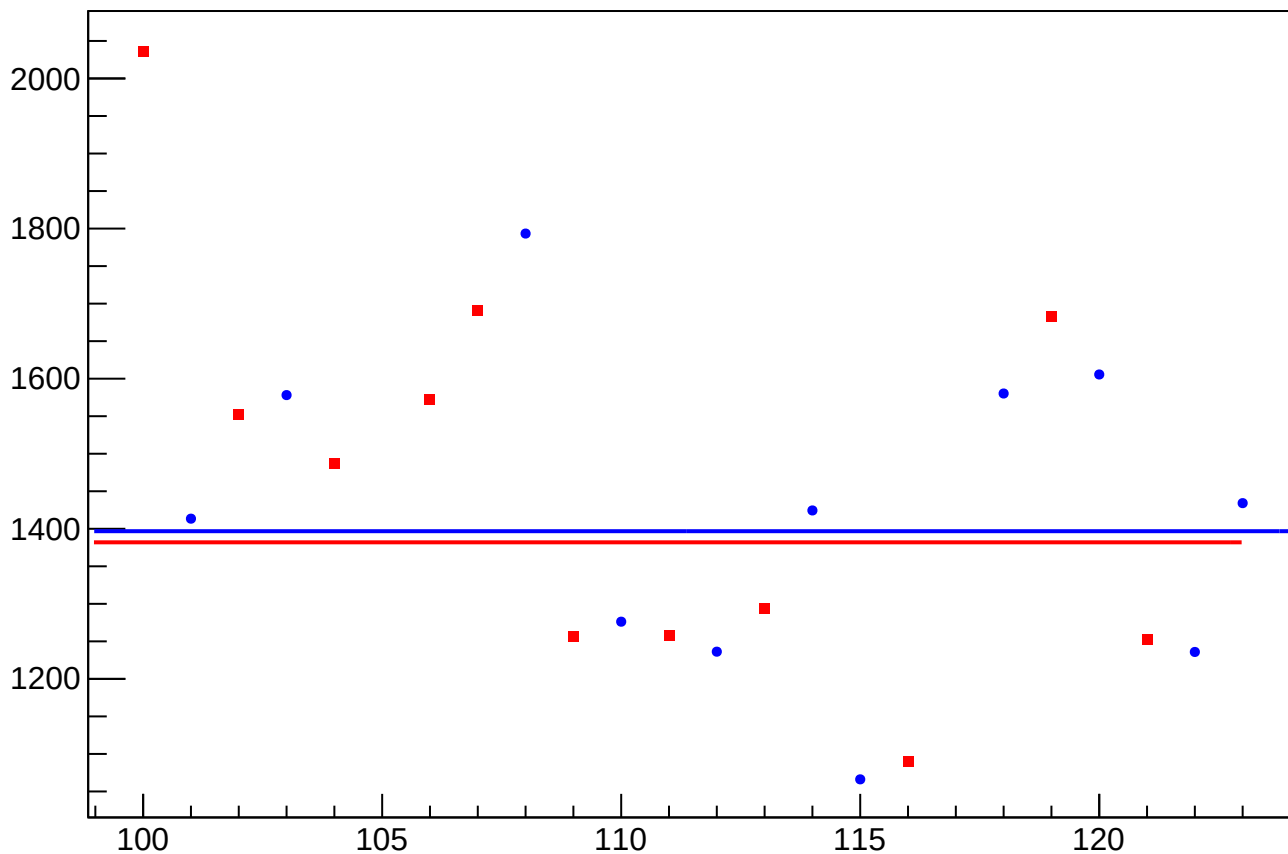
Right: 667.968+/-475.449 χ^2/NDF : 16.2/21

In: 53.452+/-693.406 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.968+/-475.449 χ^2/NDF : 16.2/21

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1396.784+/-0.490 χ^2/NDF : 147851.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.952+/-0.462 χ^2/NDF : 173116.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

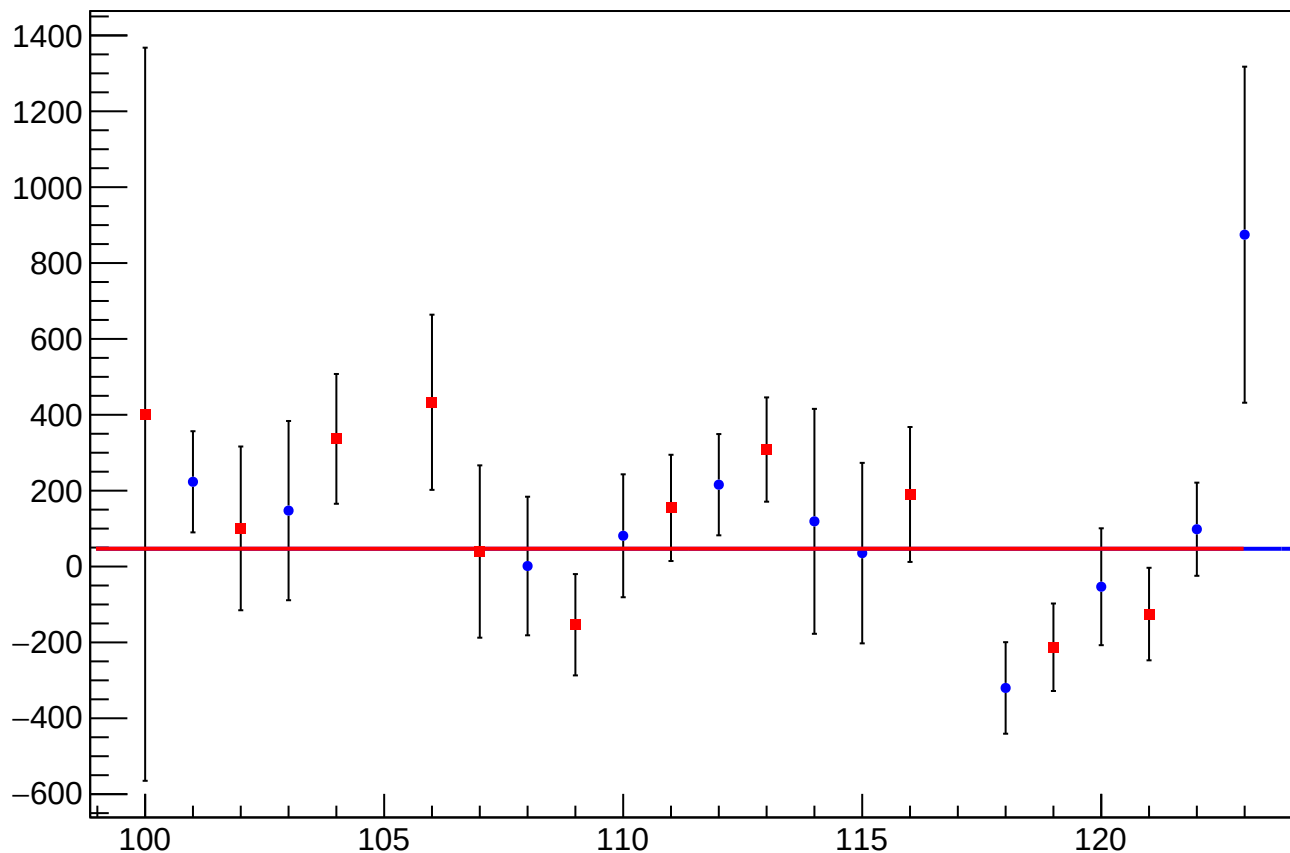
Right: 1388.925+/-0.336 χ^2/NDF : 321452.1/21

In: 1396.784+/-0.490 χ^2/NDF : 147851.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.925+/-0.336 χ^2/NDF : 321452.1/21

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 46.812+/-49.405 χ^2/NDF : 17.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.011+/-48.283 χ^2/NDF : 20.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

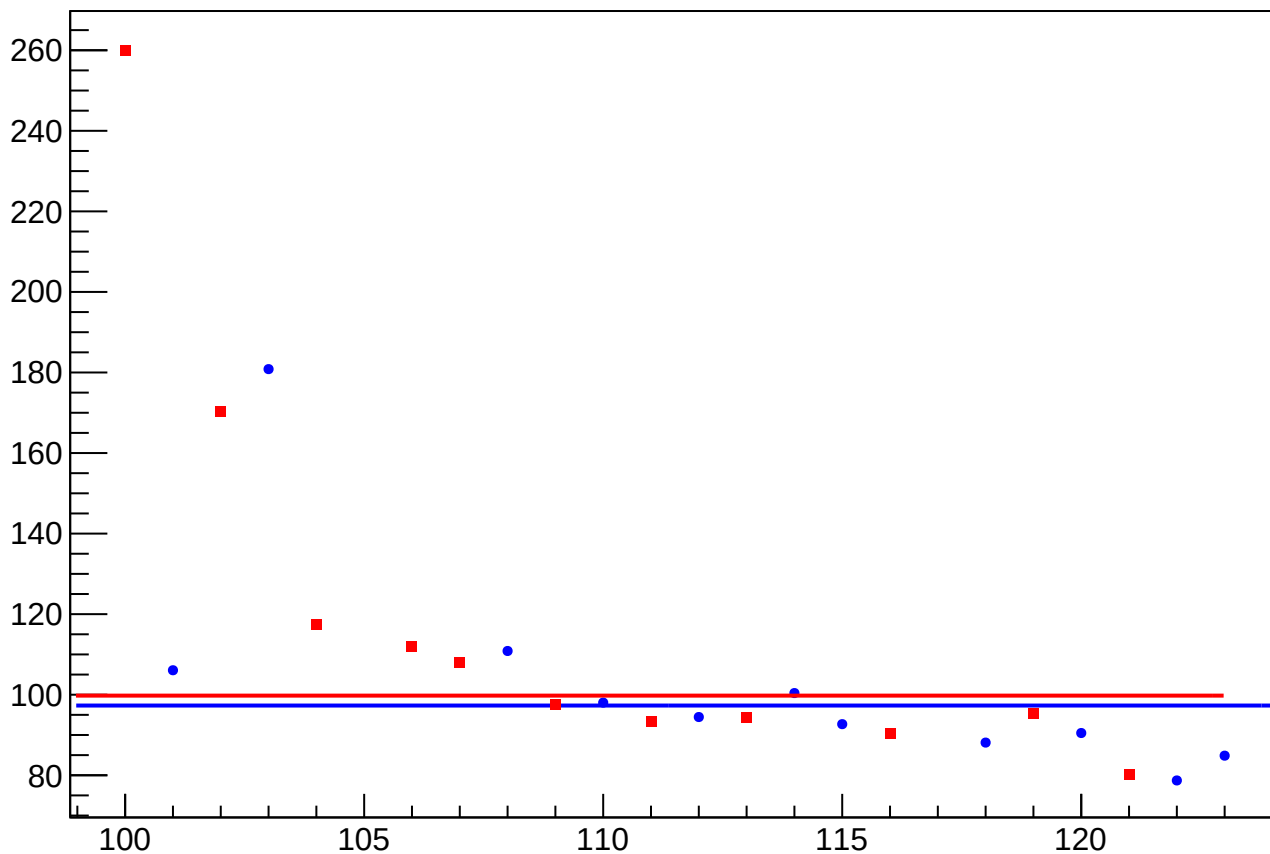
Right: 46.914+/-34.531 χ^2/NDF : 37.1/21

In: 46.812+/-49.405 χ^2/NDF : 17.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.914+/-34.531 χ^2/NDF : 37.1/21

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 97.311+/-0.035 χ^2/NDF : 334579.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.774+/-0.034 χ^2/NDF : 366744.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

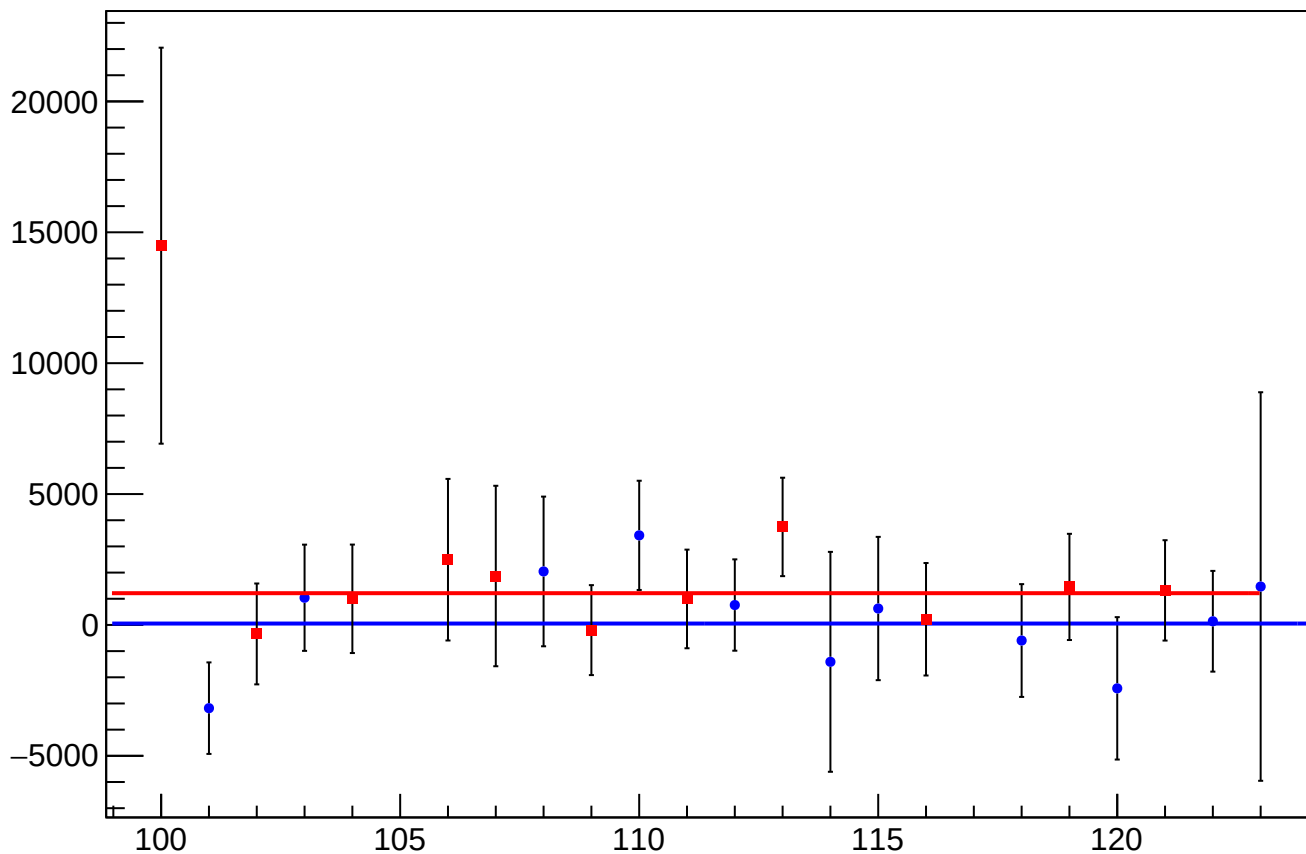
Right: 98.571+/-0.024 χ^2/NDF : 703866.6/21

In: 97.311+/-0.035 χ^2/NDF : 334579.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.571+/-0.024 χ^2/NDF : 703866.6/21

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.452+/-693.406 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1213.236+/-653.170 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

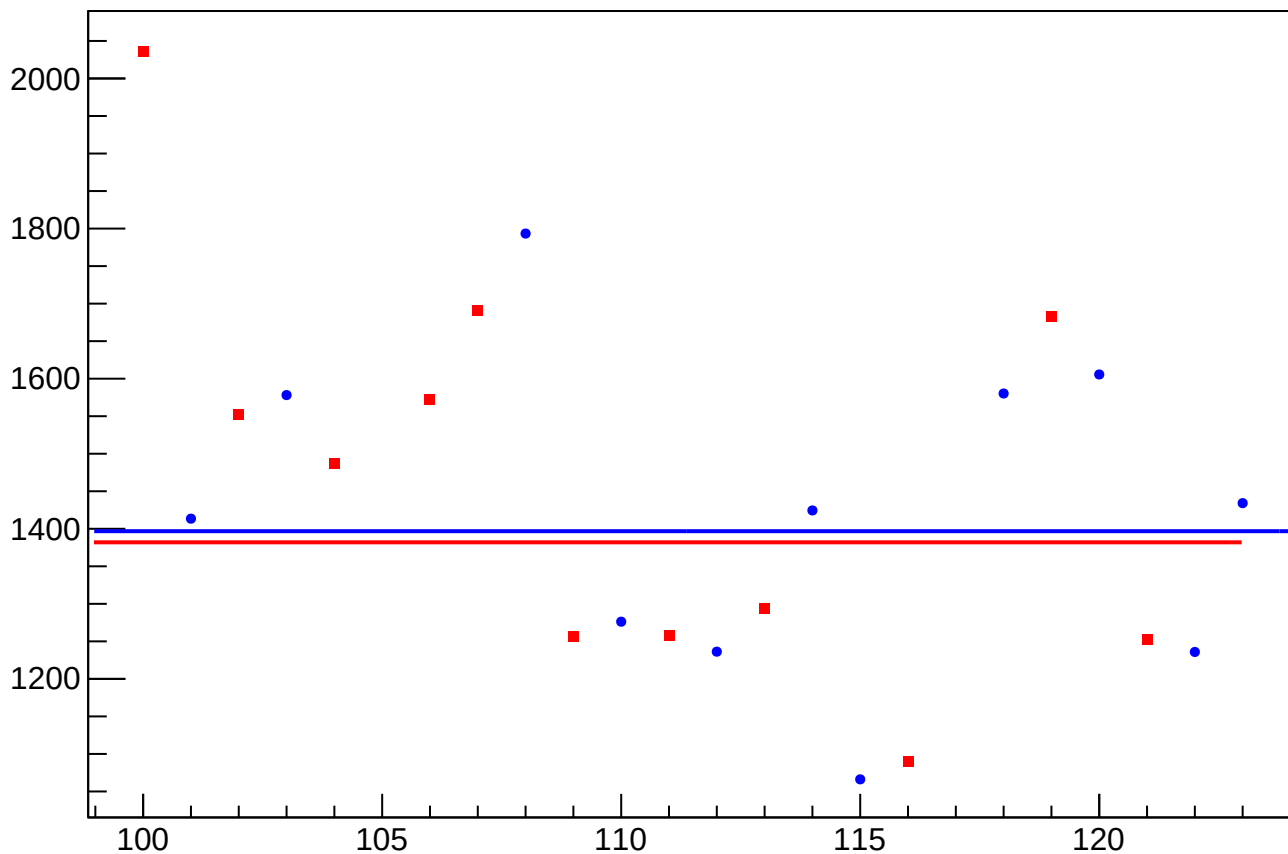
Right: 667.968+/-475.449 χ^2/NDF : 16.2/21

In: 53.452+/-693.406 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.968+/-475.449 χ^2/NDF : 16.2/21

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1396.784+/-0.490 χ^2/NDF : 147851.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.952+/-0.462 χ^2/NDF : 173116.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

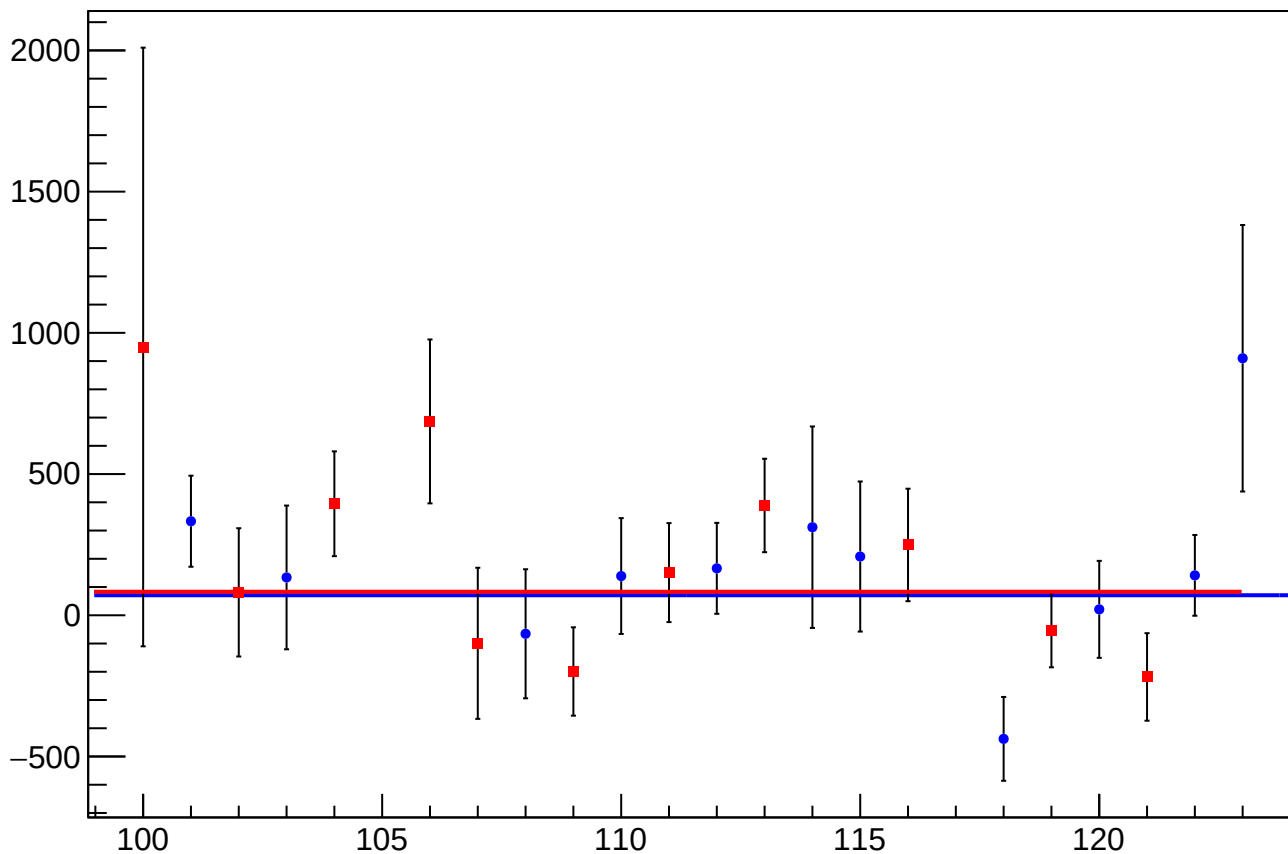
Right: 1388.925+/-0.336 χ^2/NDF : 321452.1/21

In: 1396.784+/-0.490 χ^2/NDF : 147851.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.925+/-0.336 χ^2/NDF : 321452.1/21

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 70.979+/-58.702 χ^2/NDF : 19.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.341+/-56.825 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

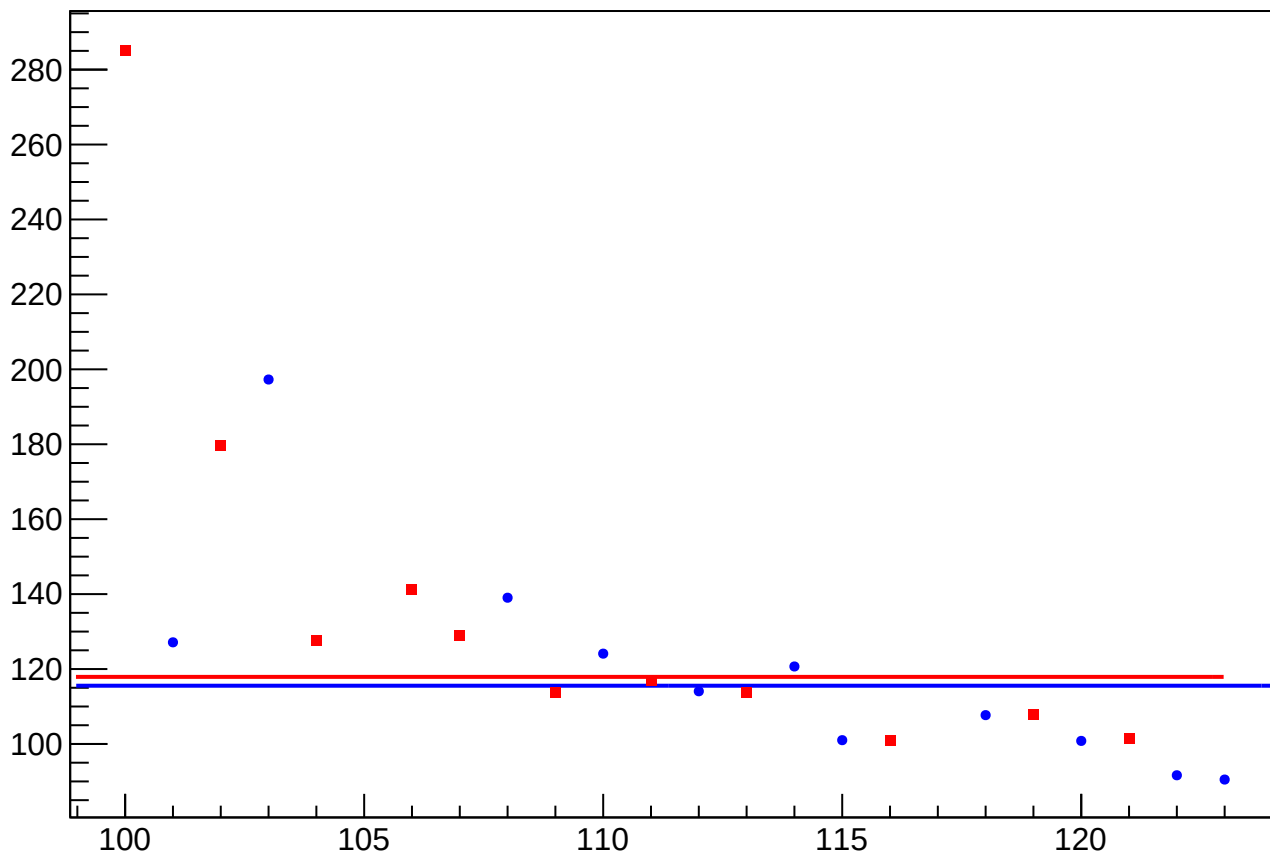
Right: 77.361+/-40.829 χ^2/NDF : 40.1/21

In: 70.979+/-58.702 χ^2/NDF : 19.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.361+/-40.829 χ^2/NDF : 40.1/21

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 115.549+/-0.042 χ^2/NDF : 329669.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.907+/-0.040 χ^2/NDF : 270960.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

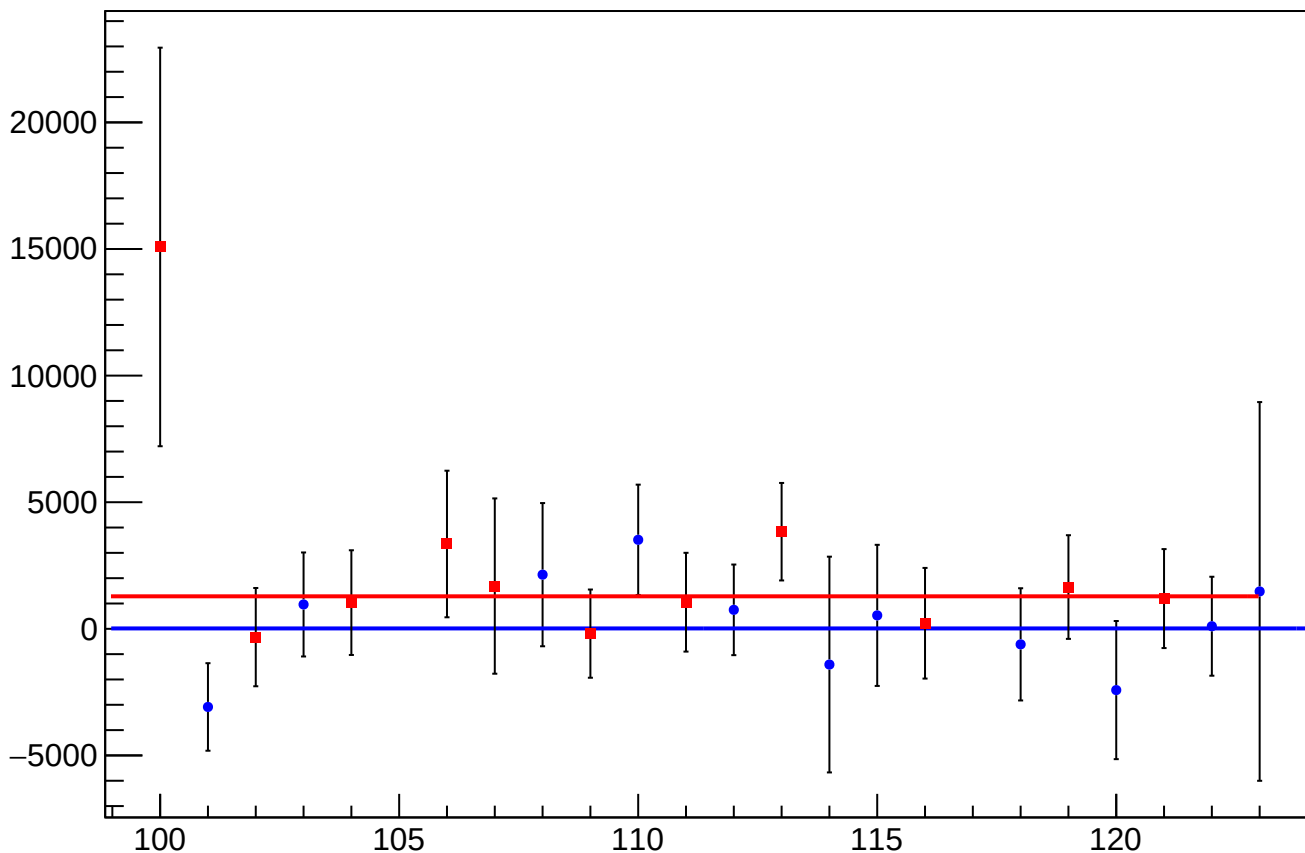
Right: 116.766+/-0.029 χ^2/NDF : 602296.7/21

In: 115.549+/-0.042 χ^2/NDF : 329669.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.766+/-0.029 χ^2/NDF : 602296.7/21

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 15.506+/-703.332 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.698+/-660.754 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

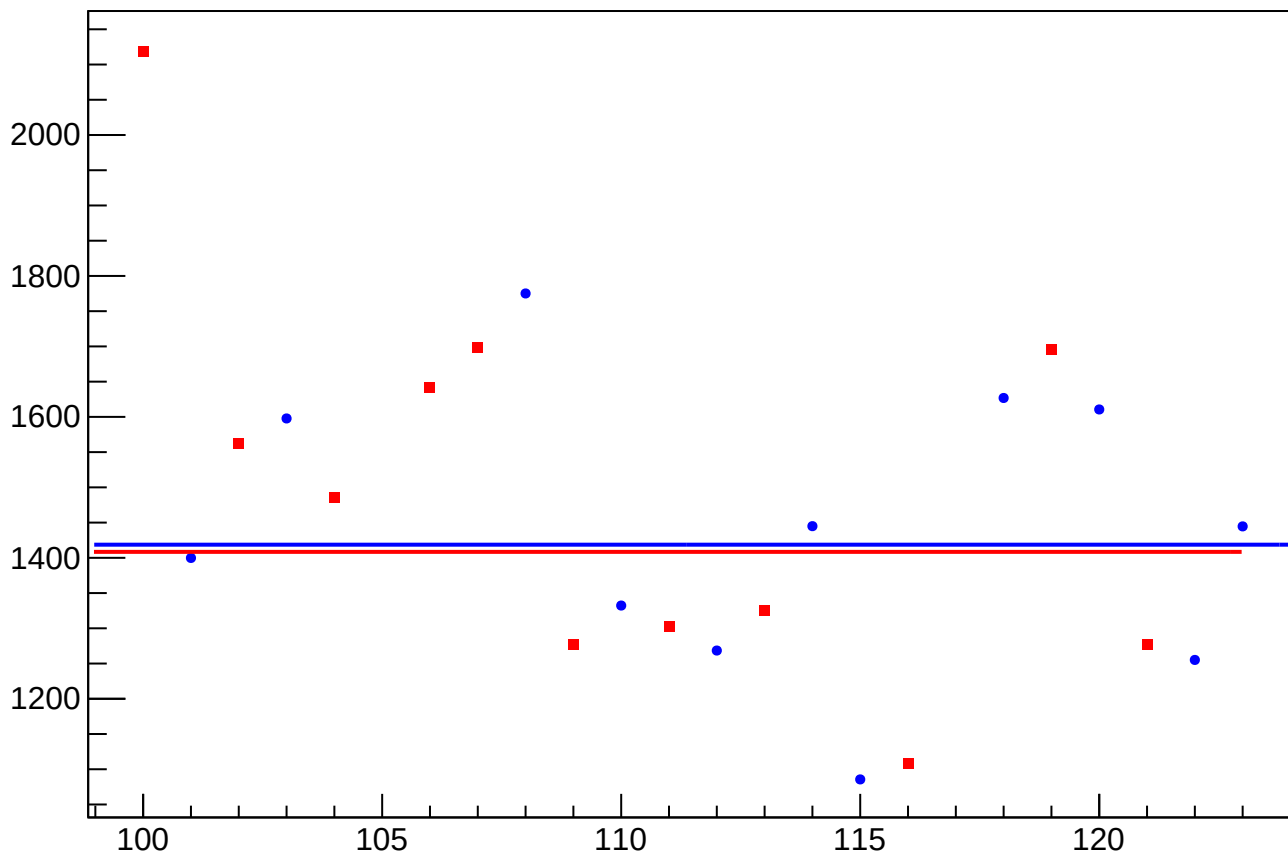
Right: 689.149+/-481.573 χ^2/NDF : 16.6/21

In: 15.506+/-703.332 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.149+/-481.573 χ^2/NDF : 16.6/21

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1418.661+/-0.497 χ^2/NDF : 134705.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1408.465+/-0.467 χ^2/NDF : 165761.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

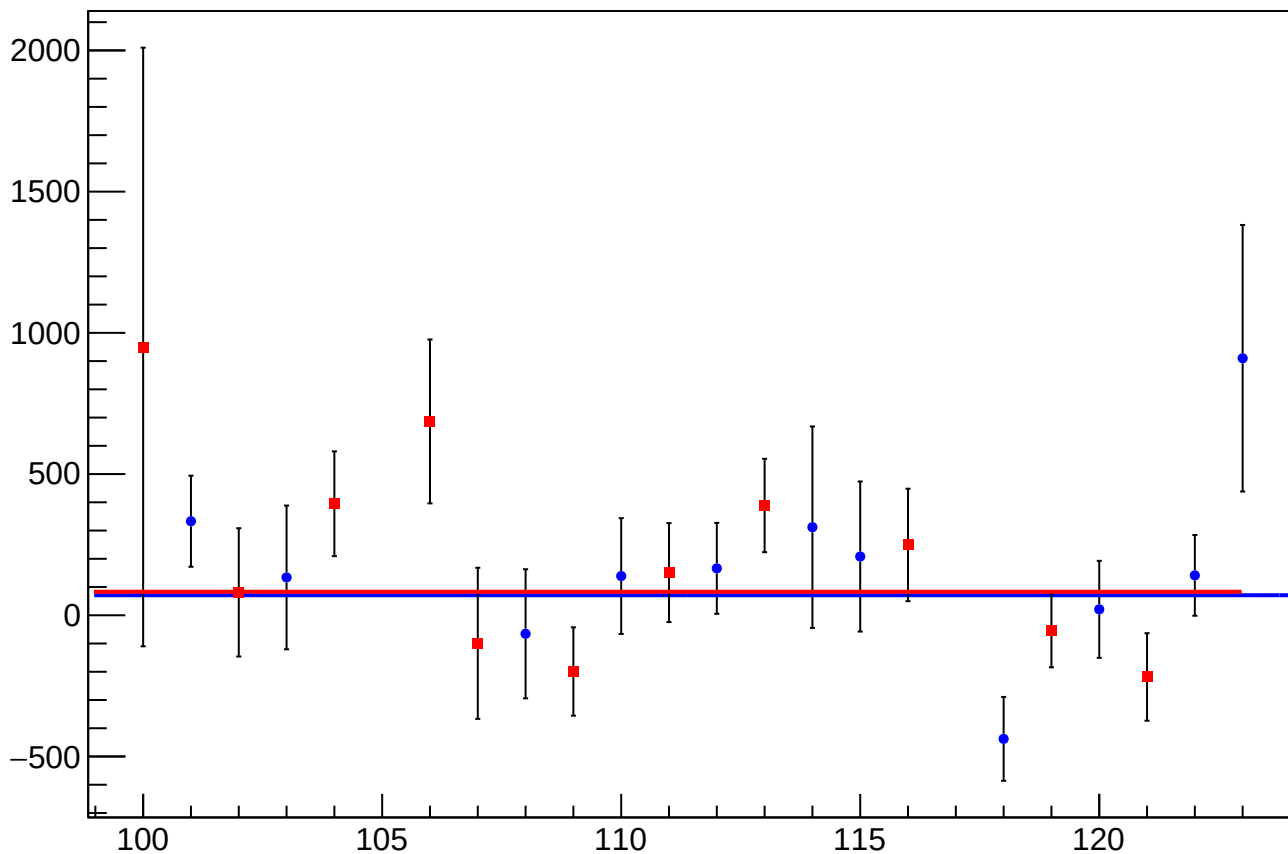
Right: 1413.245+/-0.341 χ^2/NDF : 300689.6/21

In: 1418.661+/-0.497 χ^2/NDF : 134705.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.245+/-0.341 χ^2/NDF : 300689.6/21

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 70.978+/-58.702 χ^2/NDF : 19.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.339+/-56.824 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

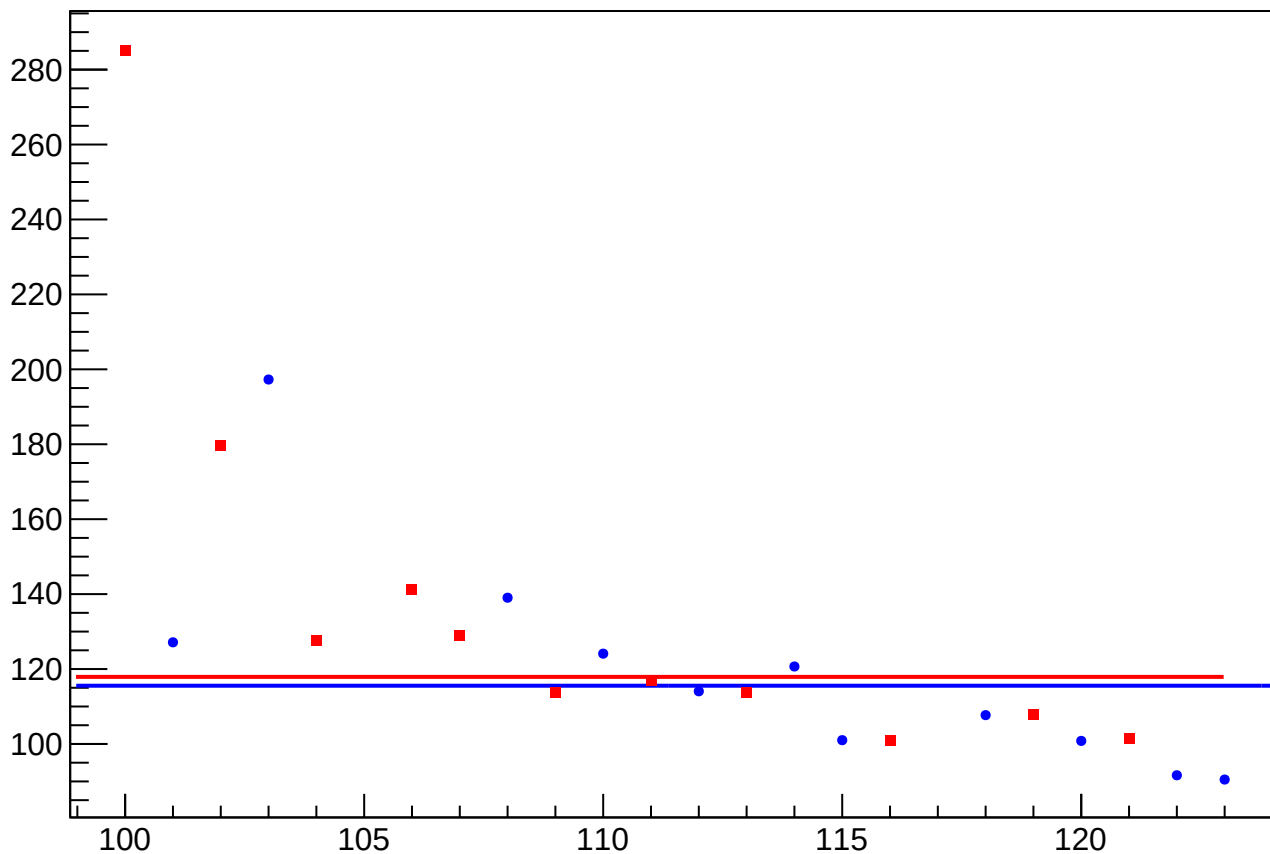
Right: 77.359+/-40.828 χ^2/NDF : 40.1/21

In: 70.978+/-58.702 χ^2/NDF : 19.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.359+/-40.828 χ^2/NDF : 40.1/21

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 115.548+/-0.042 χ^2/NDF : 329666.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.907+/-0.040 χ^2/NDF : 270961.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

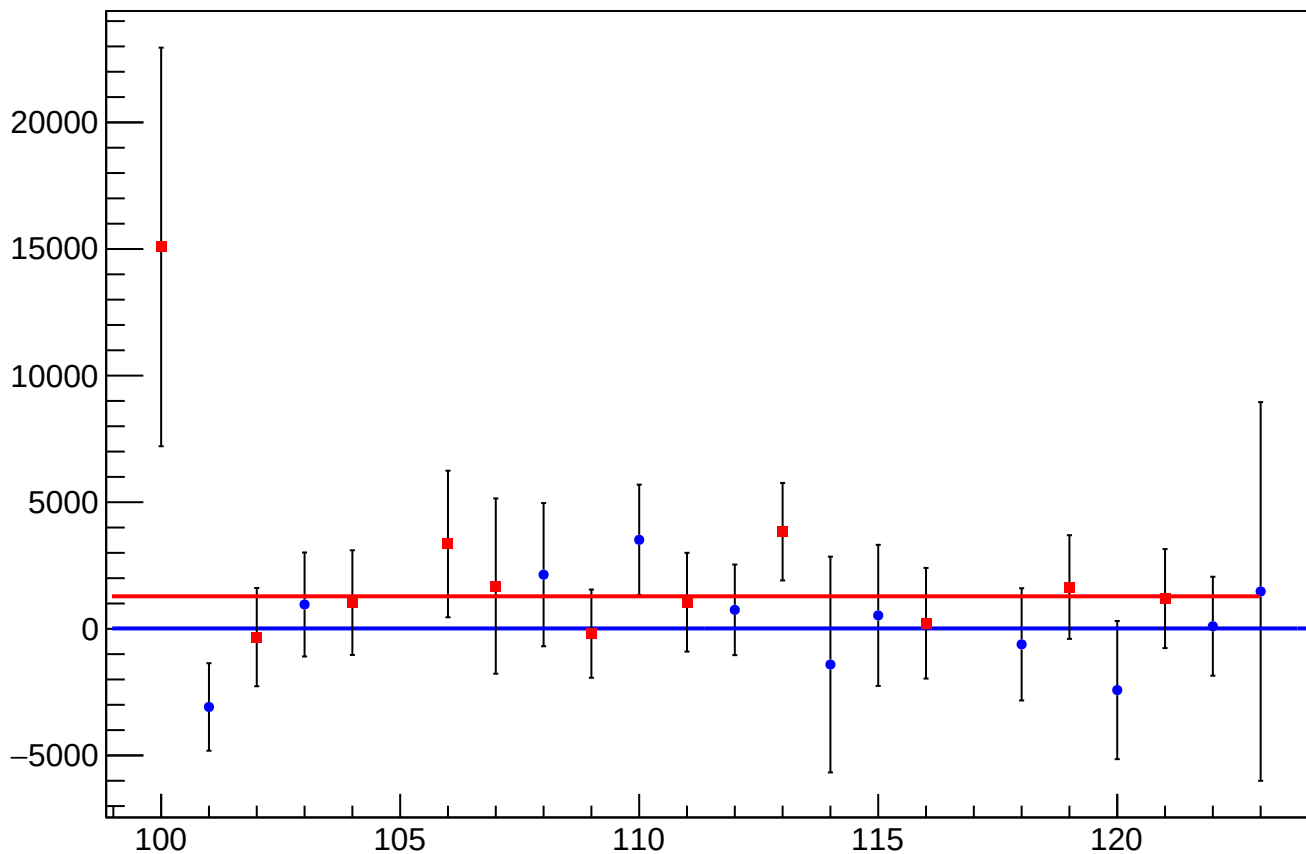
Right: 116.766+/-0.029 χ^2/NDF : 602294.9/21

In: 115.548+/-0.042 χ^2/NDF : 329666.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.766+/-0.029 χ^2/NDF : 602294.9/21

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 15.509+/-703.330 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.696+/-660.752 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

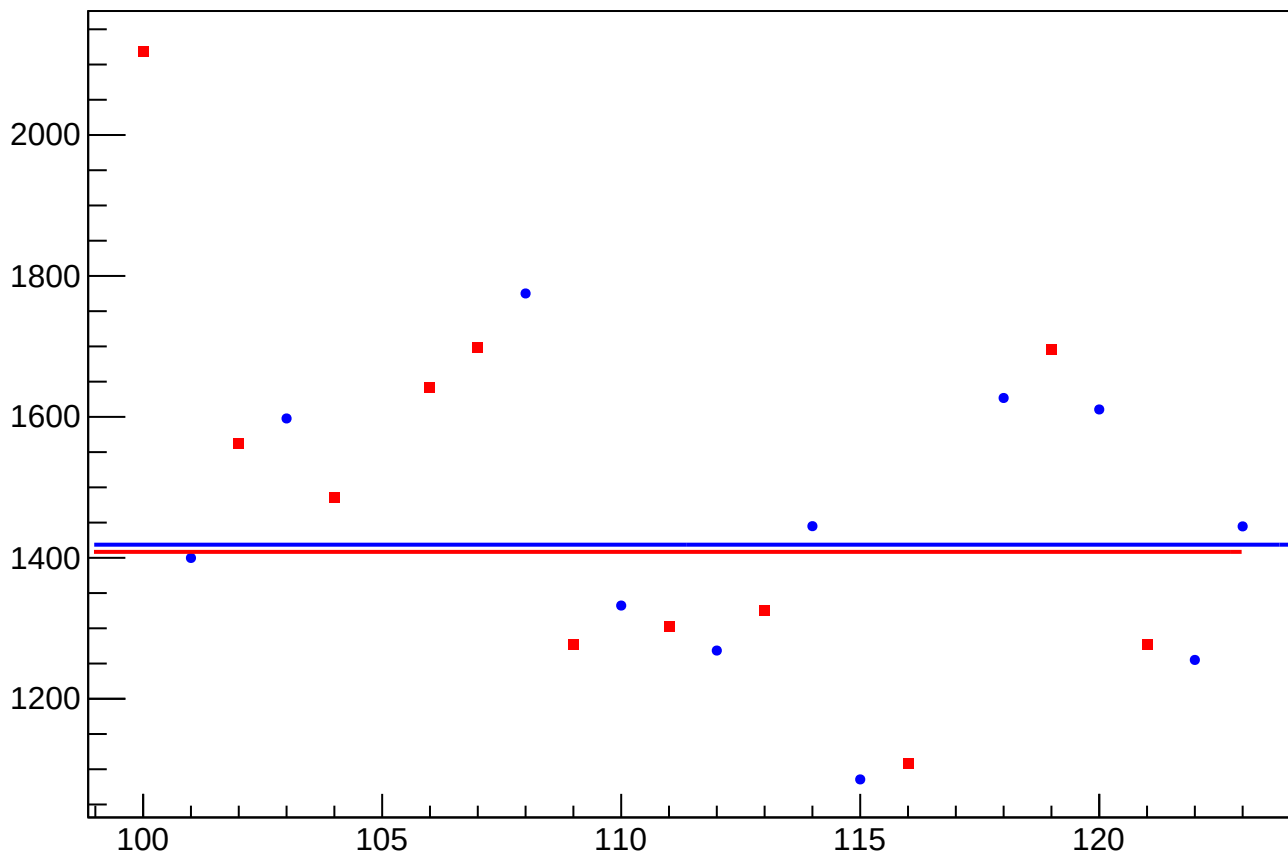
Right: 689.149+/-481.571 χ^2/NDF : 16.6/21

In: 15.509+/-703.330 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.149+/-481.571 χ^2/NDF : 16.6/21

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1418.657+/-0.497 χ^2/NDF : 134706.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1408.461+/-0.467 χ^2/NDF : 165762.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

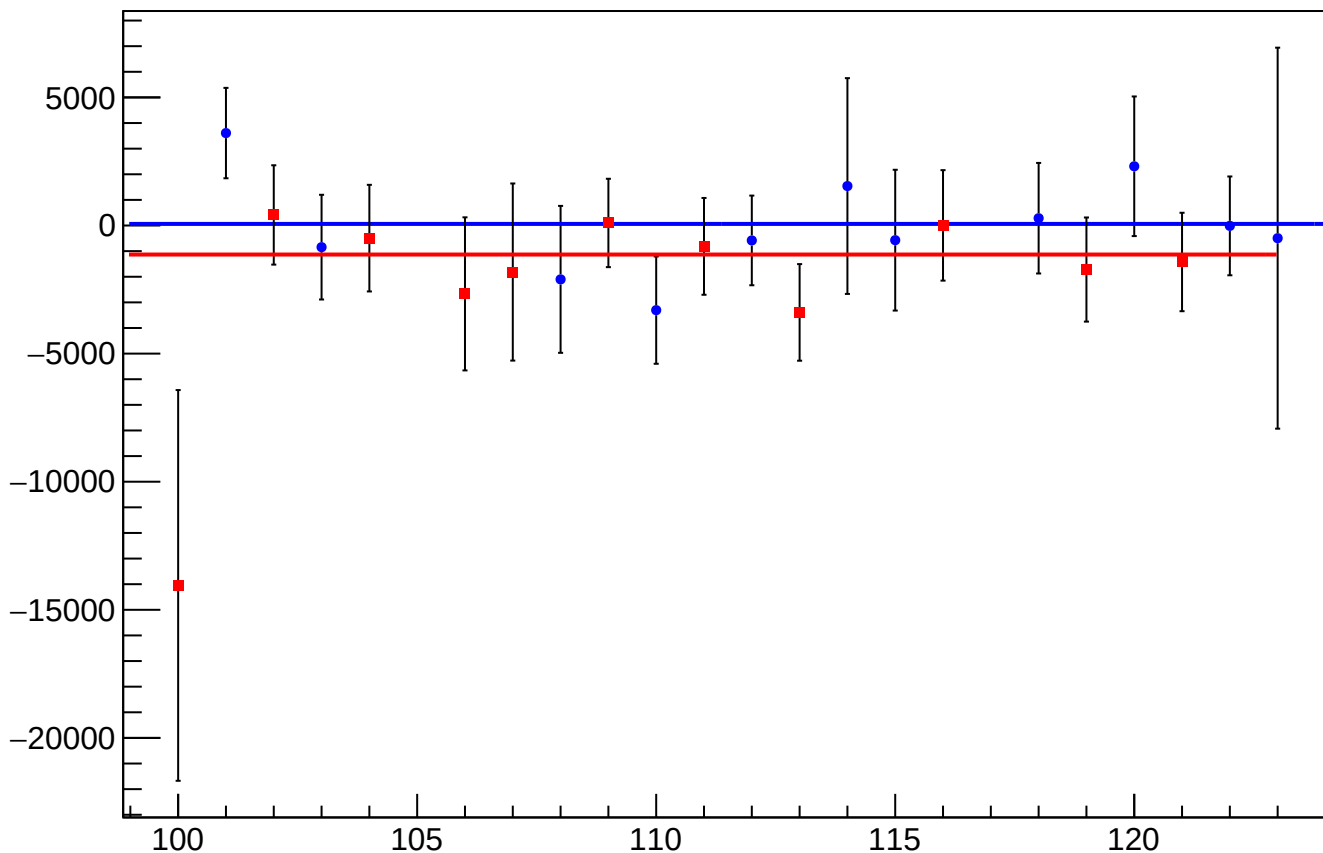
Right: 1413.241+/-0.341 χ^2/NDF : 300691.5/21

In: 1418.657+/-0.497 χ^2/NDF : 134706.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.241+/-0.341 χ^2/NDF : 300691.5/21

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 62.499+/-696.308 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1132.787+/-654.324 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

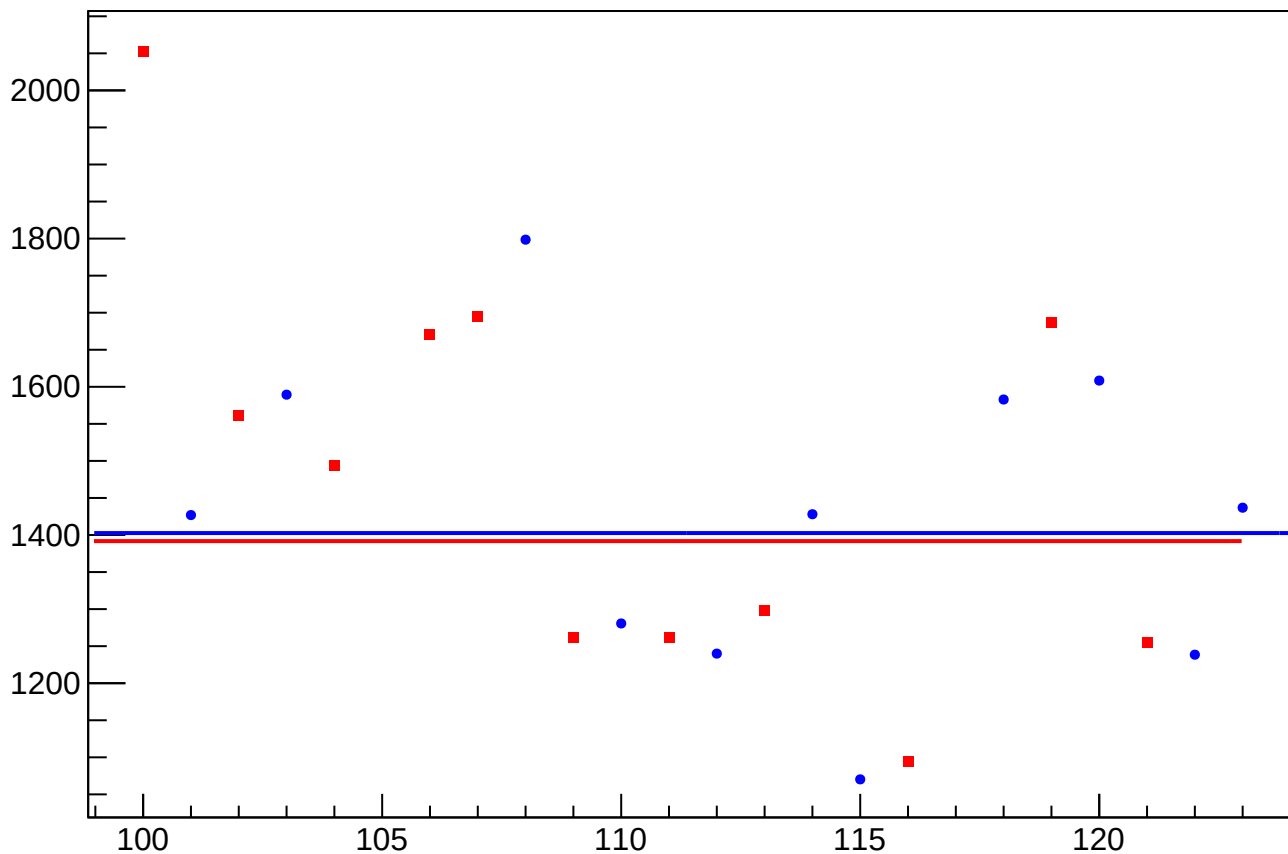
Right: -572.263+/-476.829 χ^2/NDF : 16.2/21

In: 62.499+/-696.308 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -572.263+/-476.829 χ^2/NDF : 16.2/21

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1402.645+/-0.492 χ^2/NDF : 148518.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.786+/-0.463 χ^2/NDF : 184193.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

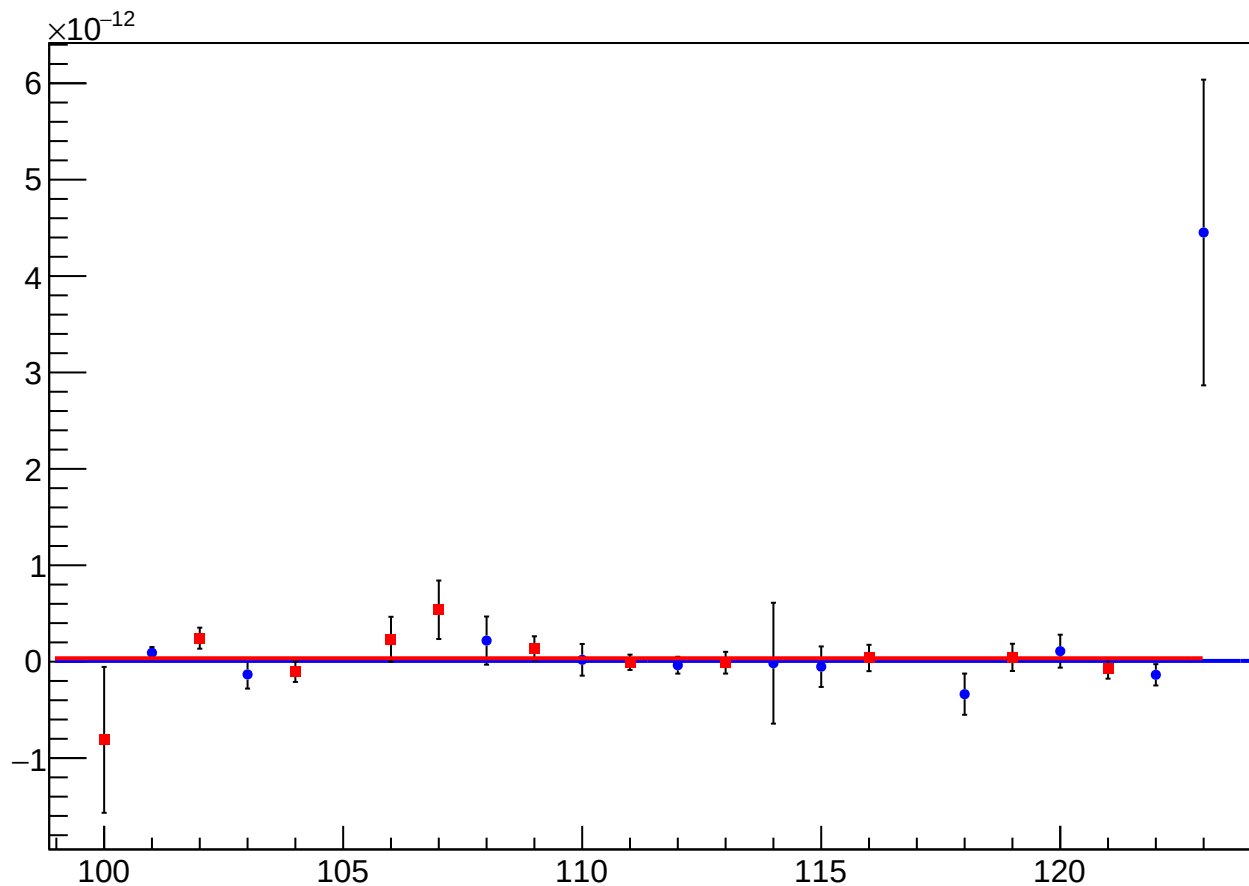
Right: 1396.878+/-0.337 χ^2/NDF : 332970.2/21

In: 1402.645+/-0.492 χ^2/NDF : 148518.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.878+/-0.337 χ^2/NDF : 332970.2/21

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/10

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

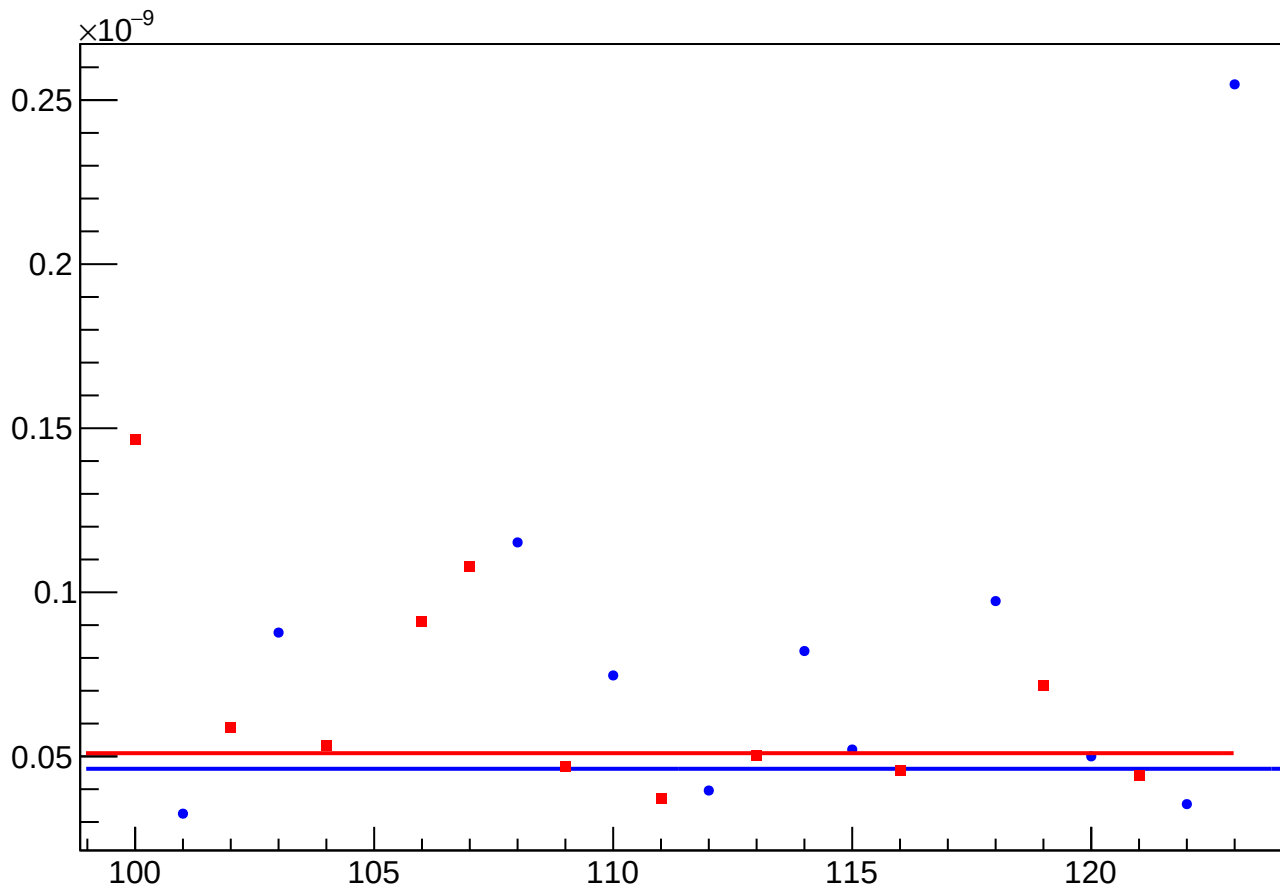
Right: 0.000+/-0.000 χ^2/NDF : 29.1/21

In: 0.000+/-0.000 χ^2/NDF : 16.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/21

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 667806.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 289572.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

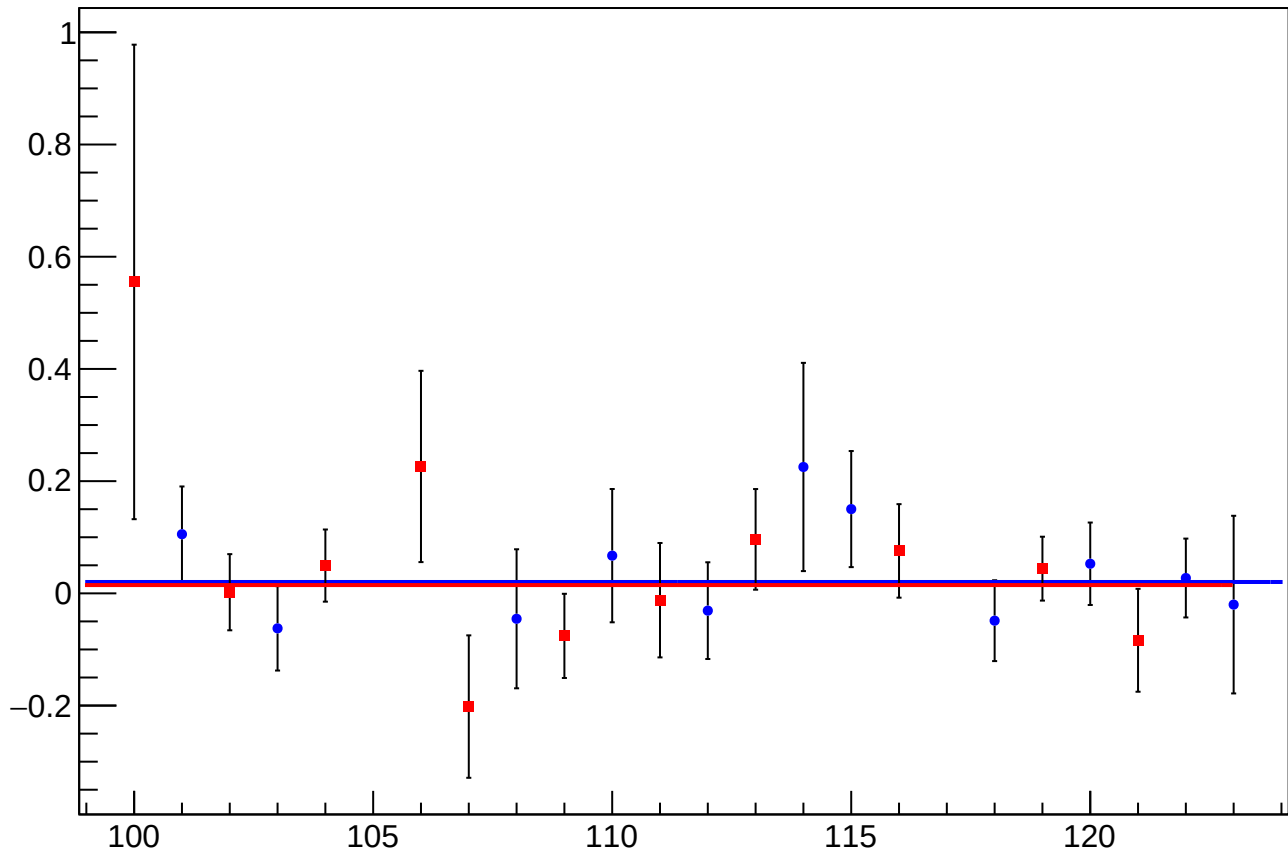
Right: 0.000+/-0.000 χ^2/NDF : 973002.2/21

In: 0.000+/-0.000 χ^2/NDF : 667806.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 973002.2/21

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.026 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

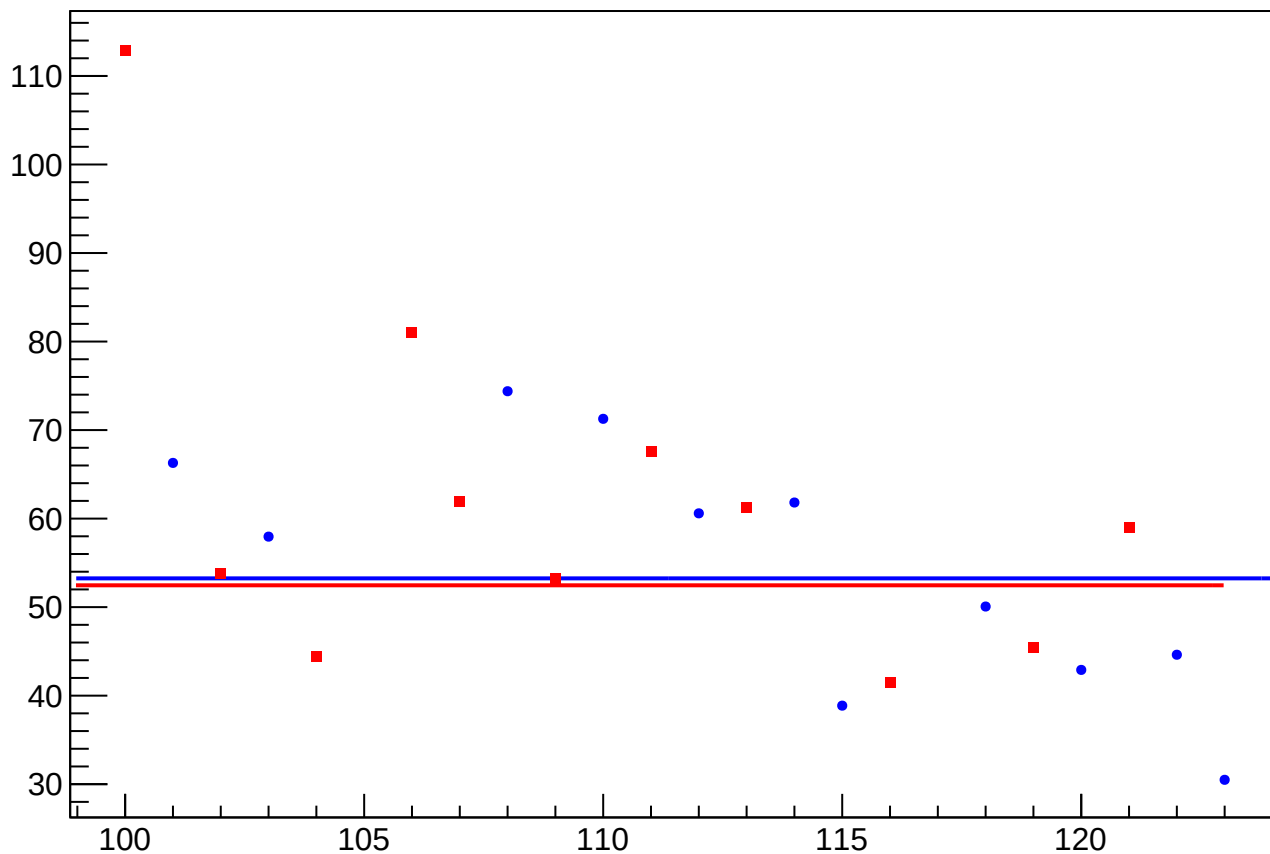
Right: 0.017+/-0.019 χ^2/NDF : 17.7/21

In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.019 χ^2/NDF : 17.7/21

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.249+/-0.019 χ^2/NDF : 331512.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.465+/-0.018 χ^2/NDF : 277810.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

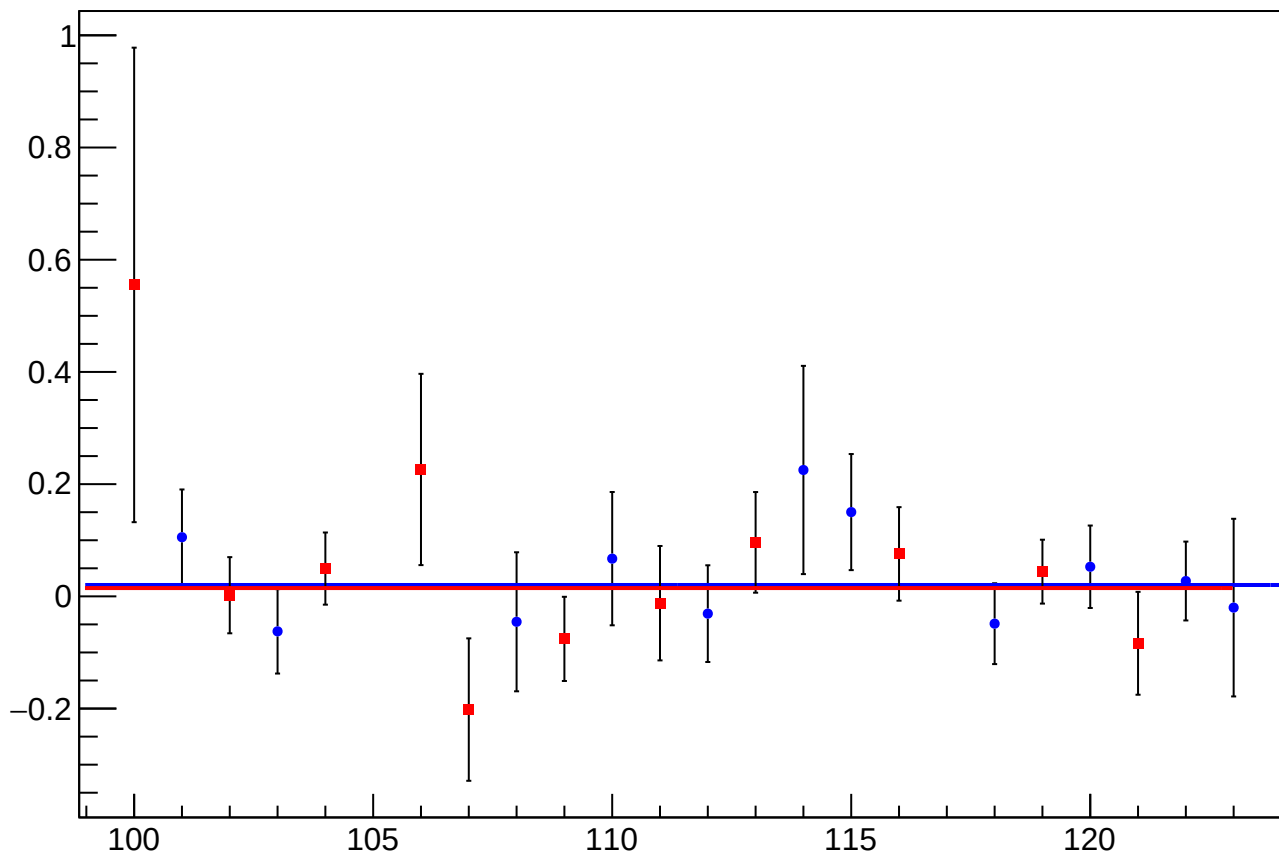
Right: 52.829+/-0.013 χ^2/NDF : 610196.7/21

In: 53.249+/-0.019 χ^2/NDF : 331512.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.829+/-0.013 χ^2/NDF : 610196.7/21

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.026 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

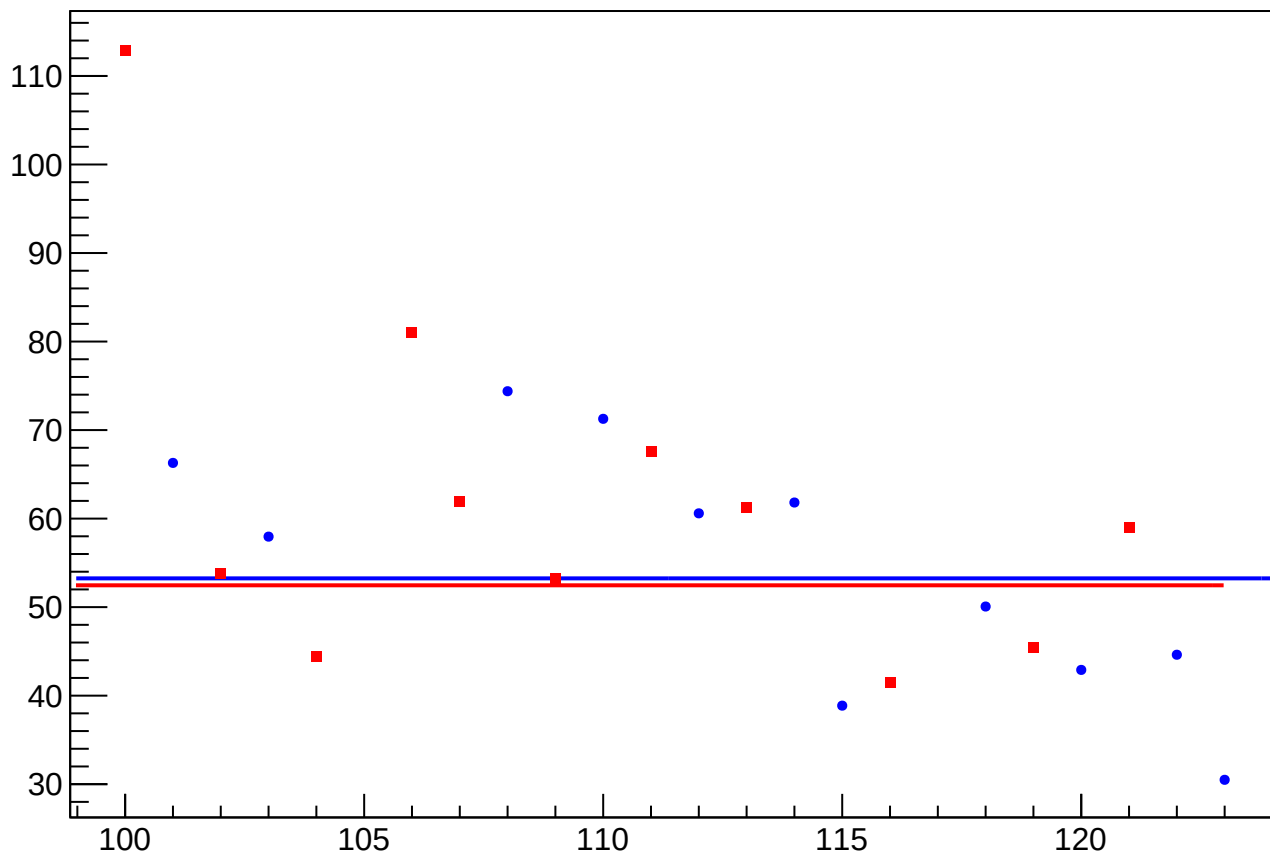
Right: 0.017+/-0.019 χ^2/NDF : 17.7/21

In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.019 χ^2/NDF : 17.7/21

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.249+/-0.019 χ^2/NDF : 331512.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.465+/-0.018 χ^2/NDF : 277810.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

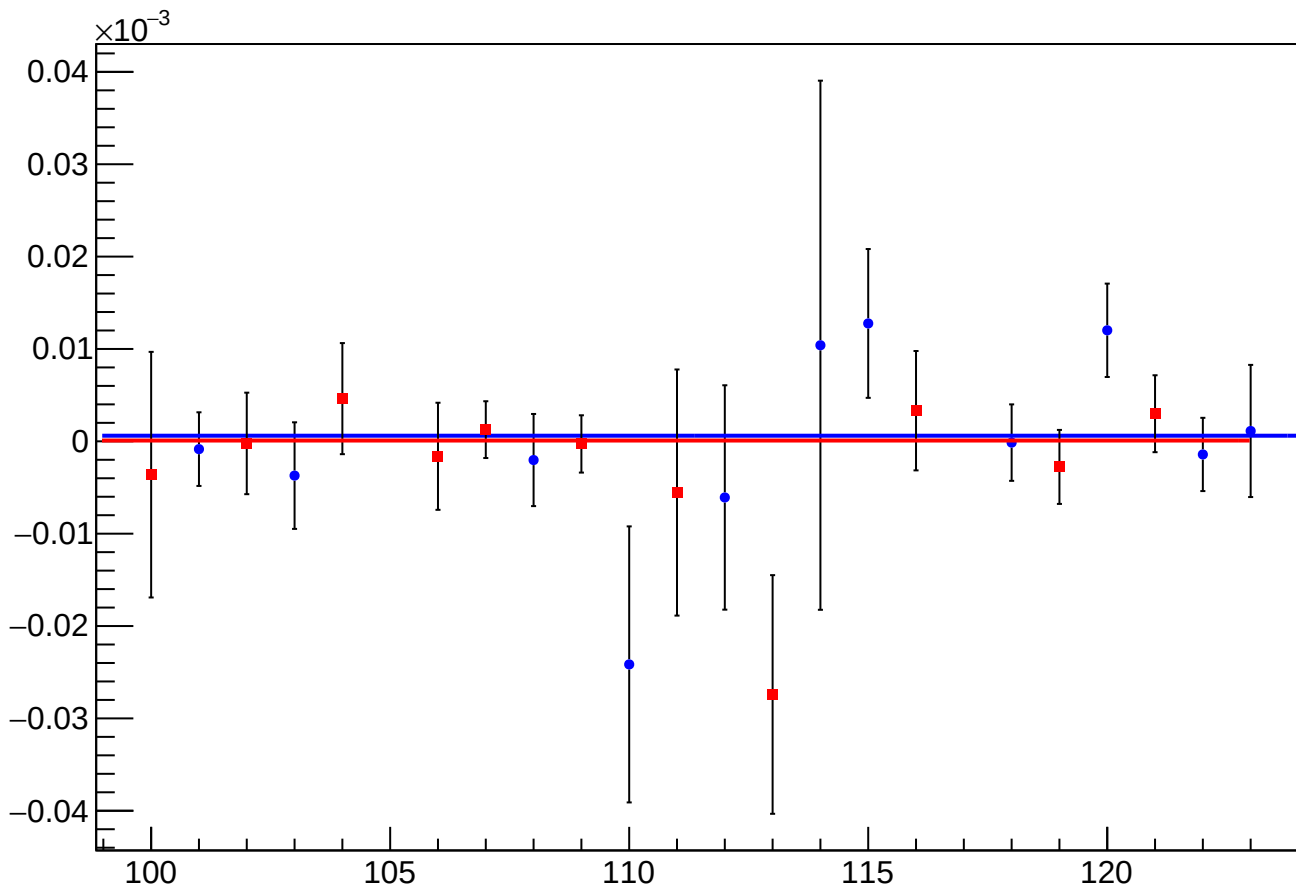
Right: 52.829+/-0.013 χ^2/NDF : 610196.7/21

In: 53.249+/-0.019 χ^2/NDF : 331512.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.829+/-0.013 χ^2/NDF : 610196.7/21

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/10

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

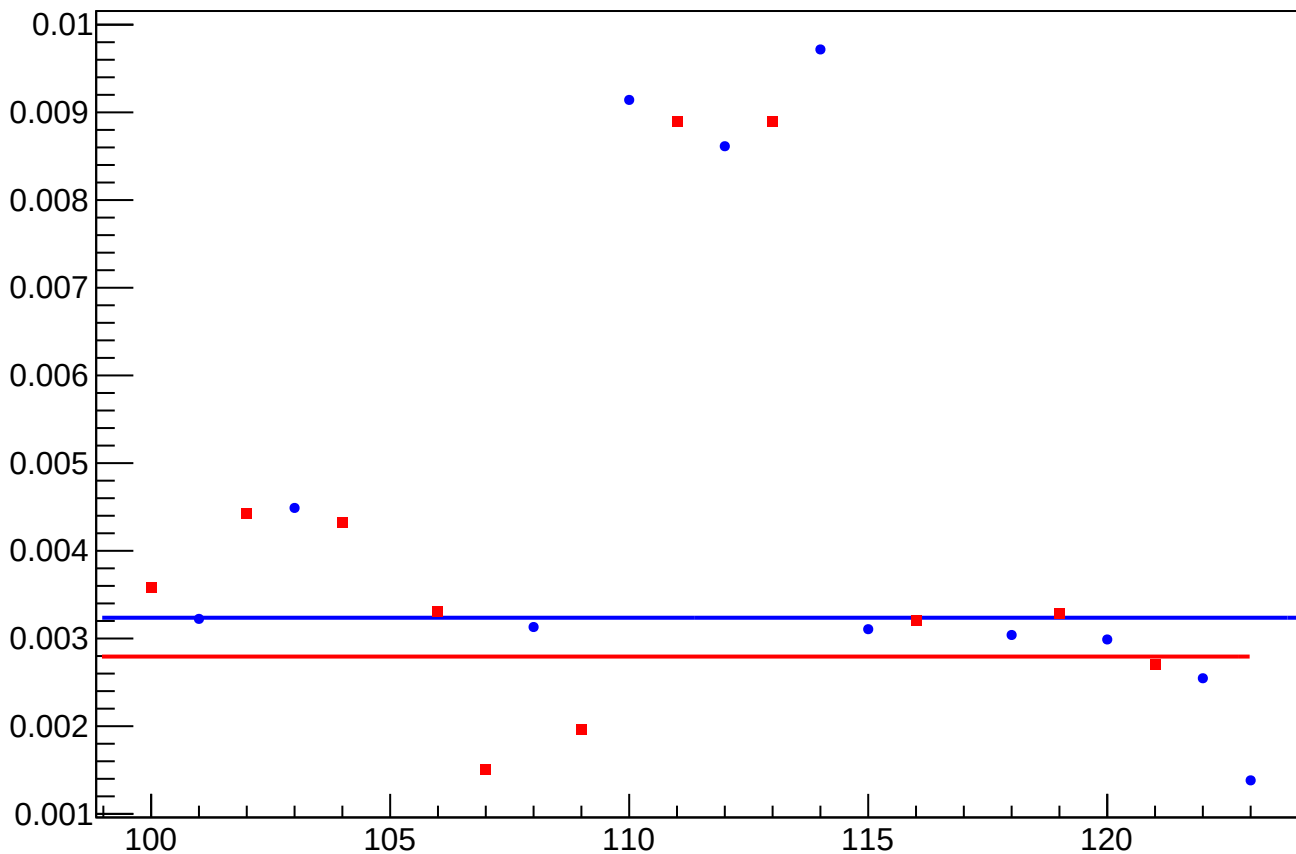
Right: 0.000+/-0.000 χ^2/NDF : 18.7/21

In: 0.000+/-0.000 χ^2/NDF : 11.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/21

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1106438.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1726410.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

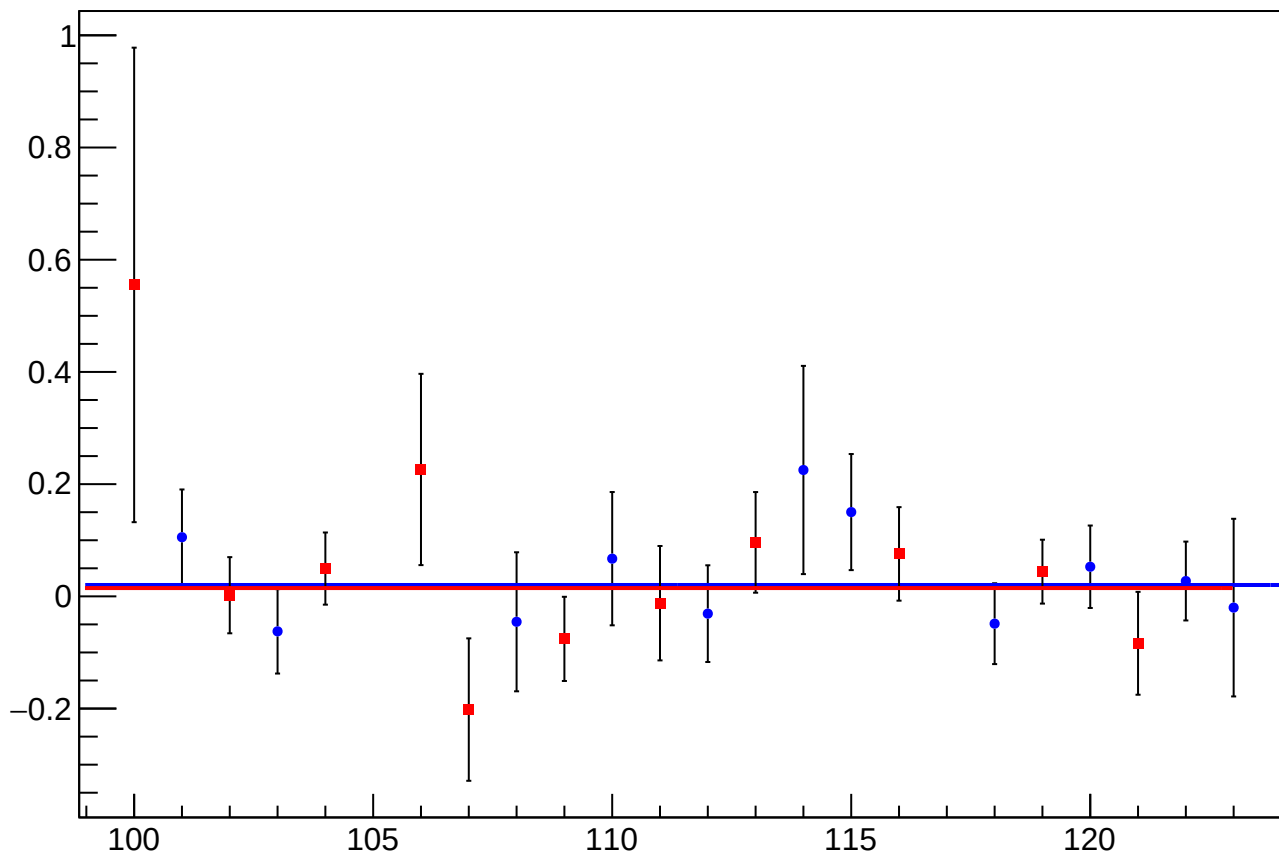
Right: 0.003+/-0.000 χ^2/NDF : 2909846.9/21

In: 0.003+/-0.000 χ^2/NDF :1106438.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2909846.9/21

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.026 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

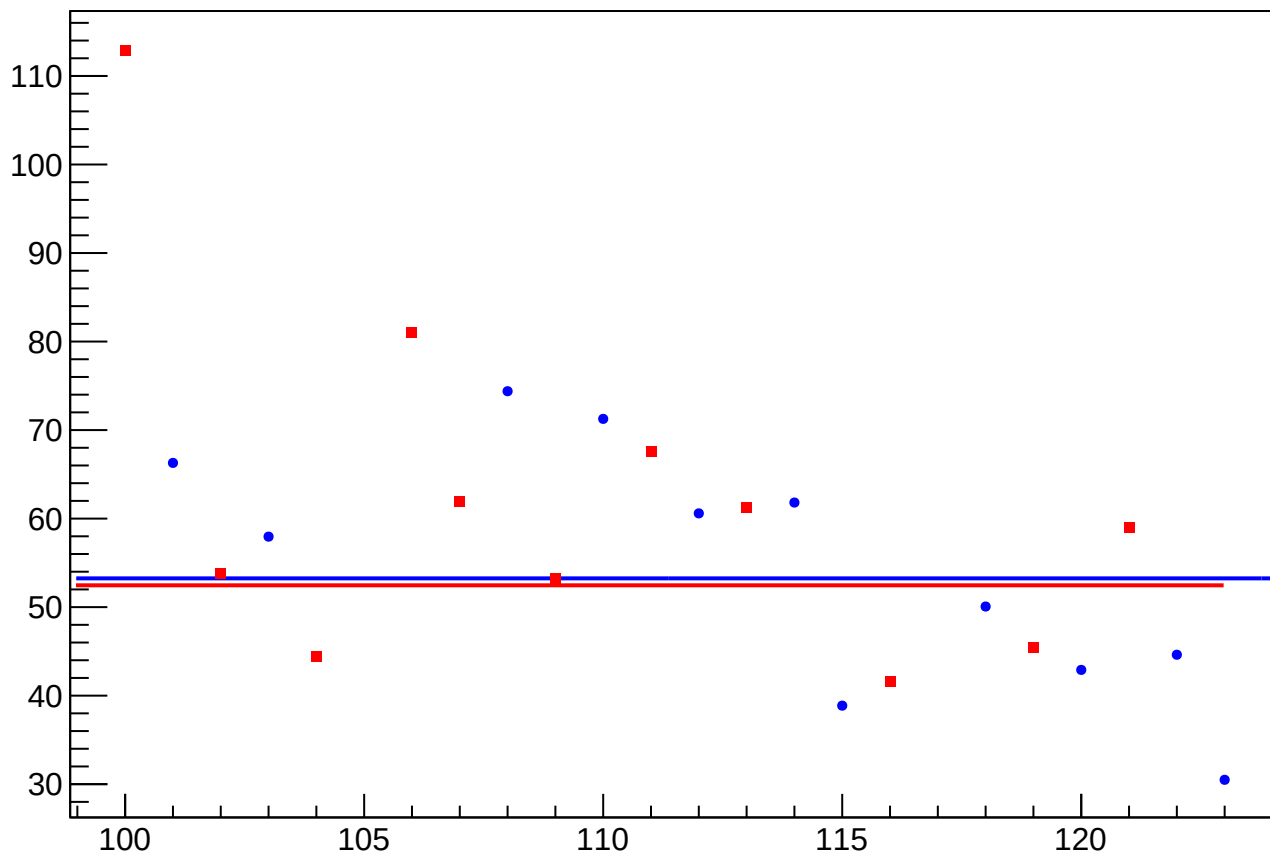
Right: 0.017+/-0.019 χ^2/NDF : 17.7/21

In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.019 χ^2/NDF : 17.7/21

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.248+/-0.019 χ^2/NDF : 331478.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.464+/-0.018 χ^2/NDF : 277756.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

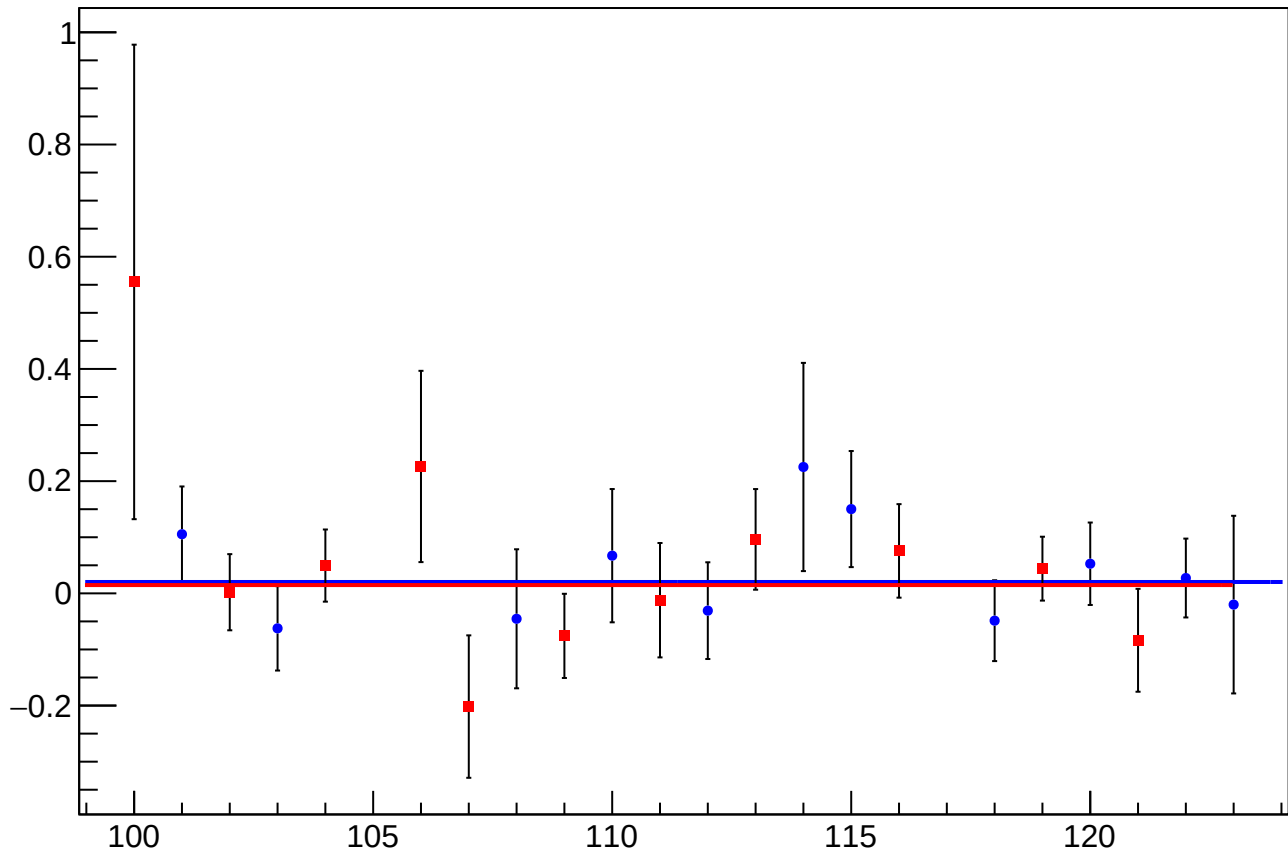
Right: 52.828+/-0.013 χ^2/NDF : 610109.3/21

In: 53.248+/-0.019 χ^2/NDF : 331478.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.828+/-0.013 χ^2/NDF : 610109.3/21

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.026 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

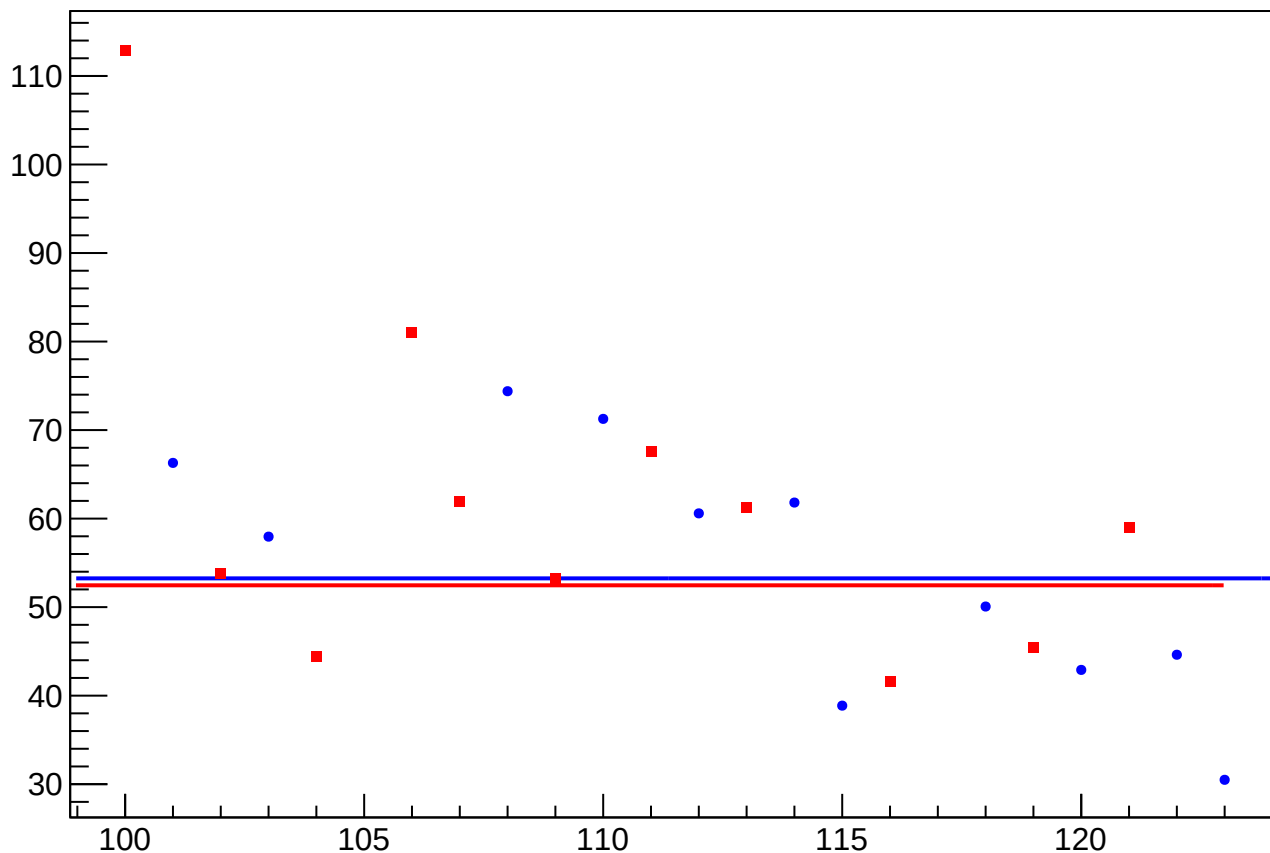
Right: 0.017+/-0.019 χ^2/NDF : 17.7/21

In: 0.020+/-0.027 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.019 χ^2/NDF : 17.7/21

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.248+/-0.019 χ^2/NDF : 331478.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.464+/-0.018 χ^2/NDF : 277756.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

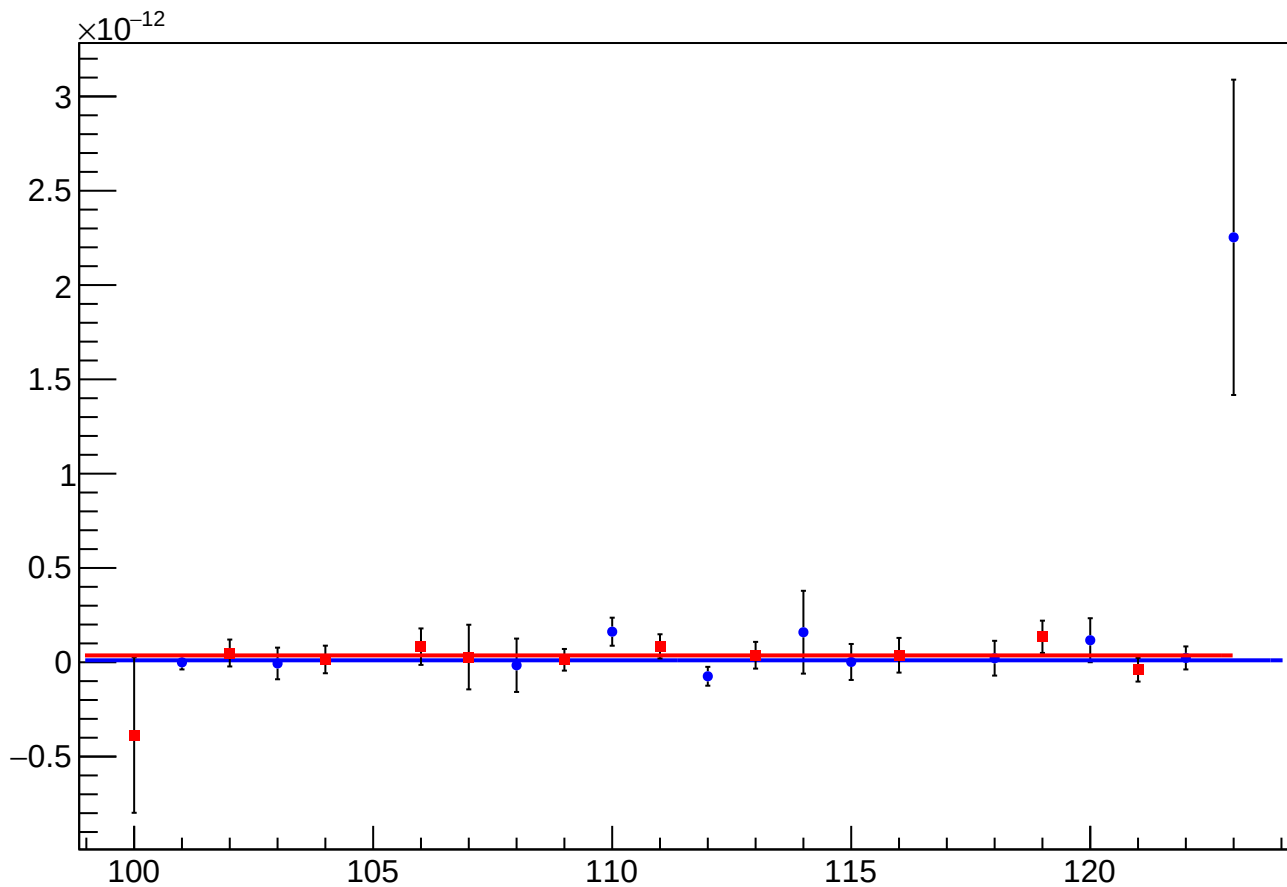
Right: 52.828+/-0.013 χ^2/NDF : 610109.3/21

In: 53.248+/-0.019 χ^2/NDF : 331478.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.828+/-0.013 χ^2/NDF : 610109.3/21

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.7/10

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

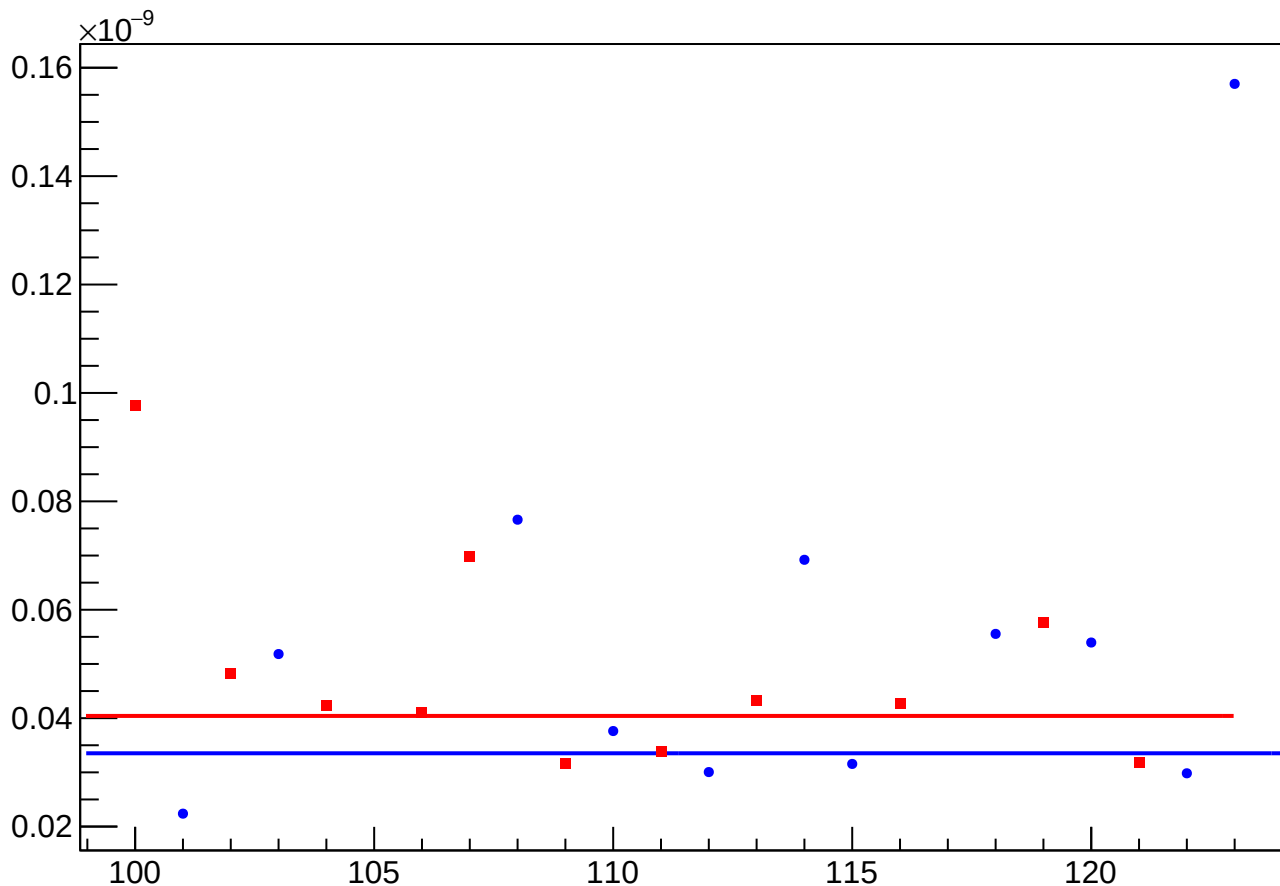
Right: 0.000+/-0.000 χ^2/NDF : 21.3/21

In: 0.000+/-0.000 χ^2/NDF : 15.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.3/21

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 753048.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 314166.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

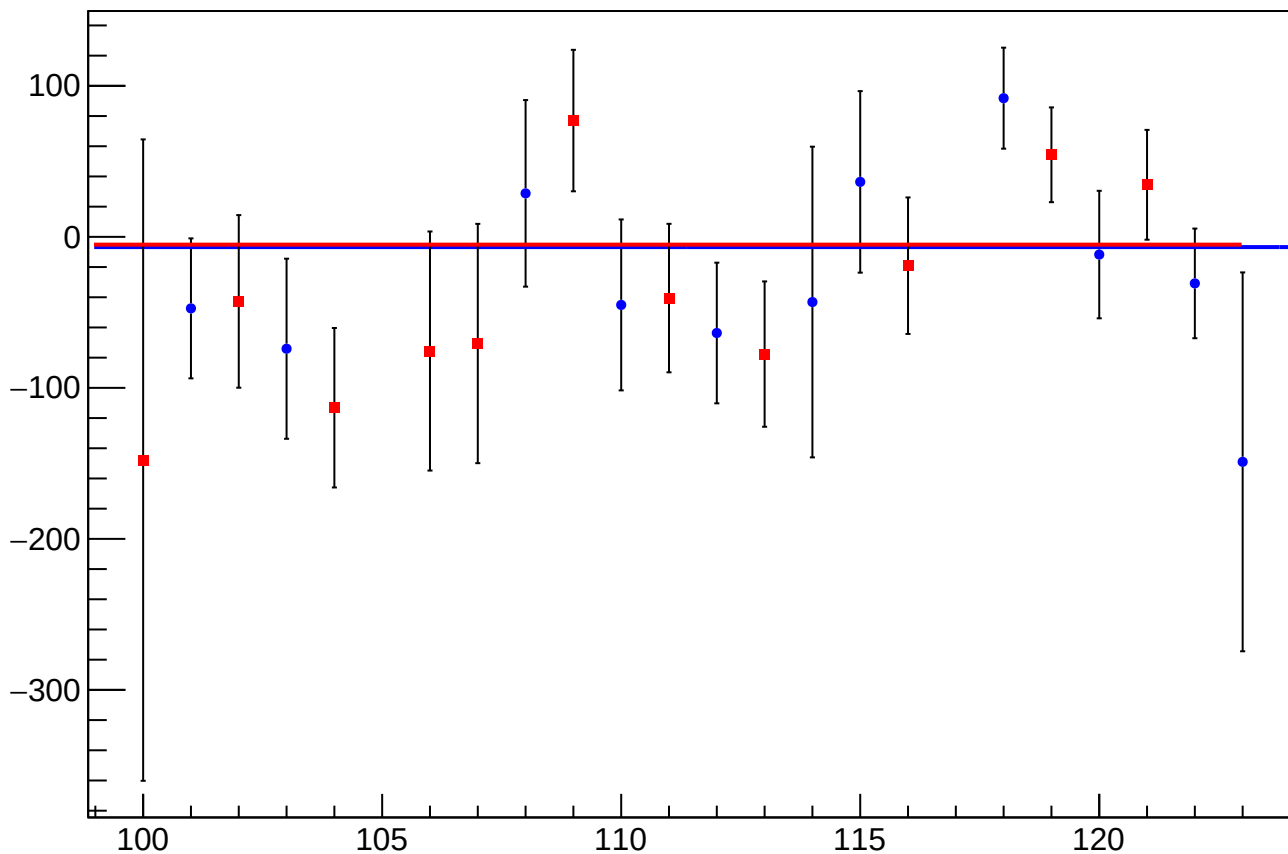
Right: 0.000+/-0.000 χ^2/NDF : 1158426.7/21

In: 0.000+/-0.000 χ^2/NDF : 753048.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1158426.7/21

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -6.782+/-15.024 χ^2/NDF : 15.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.155+/-14.795 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

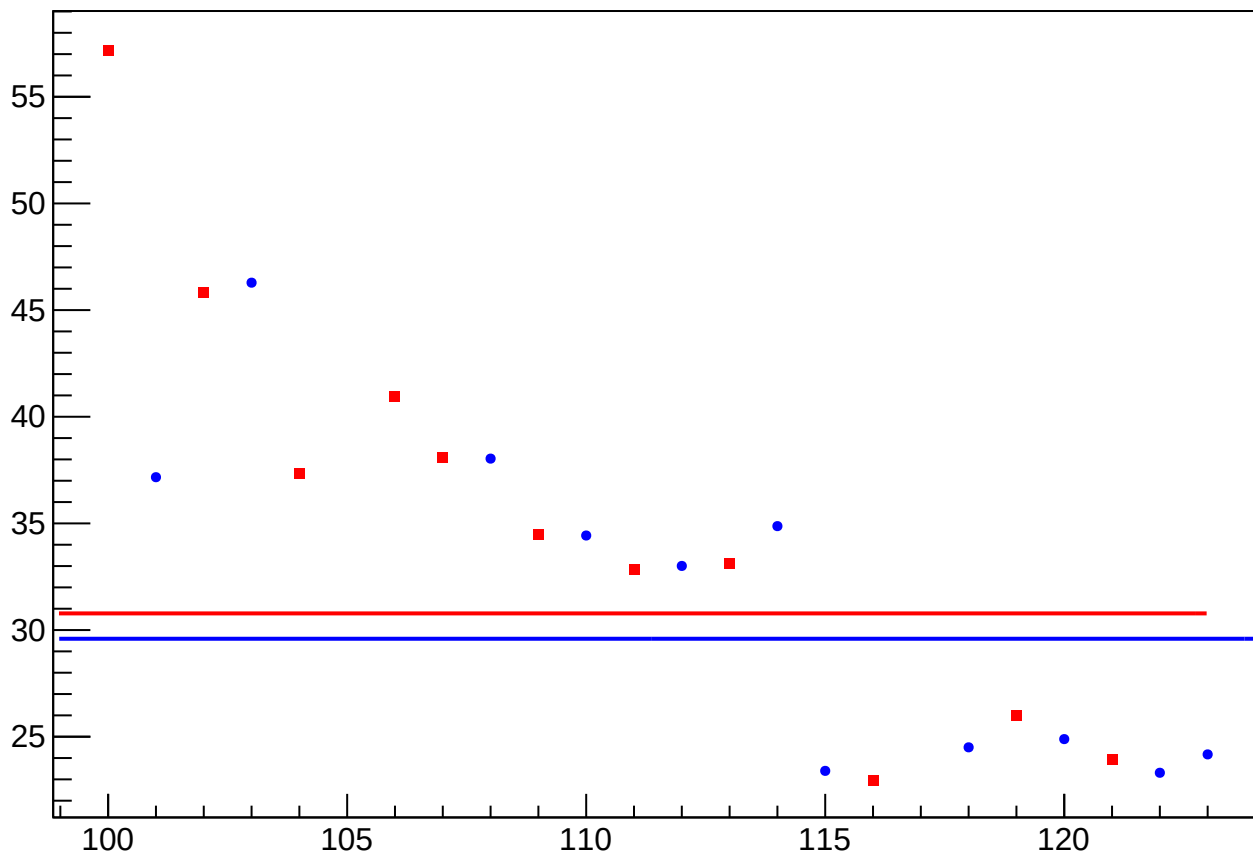
Right: -5.956+/-10.542 χ^2/NDF : 32.7/21

In: -6.782+/-15.024 χ^2/NDF : 15.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.956+/-10.542 χ^2/NDF : 32.7/21

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.592+/-0.011 χ^2/NDF : 434172.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.780+/-0.010 χ^2/NDF : 448405.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

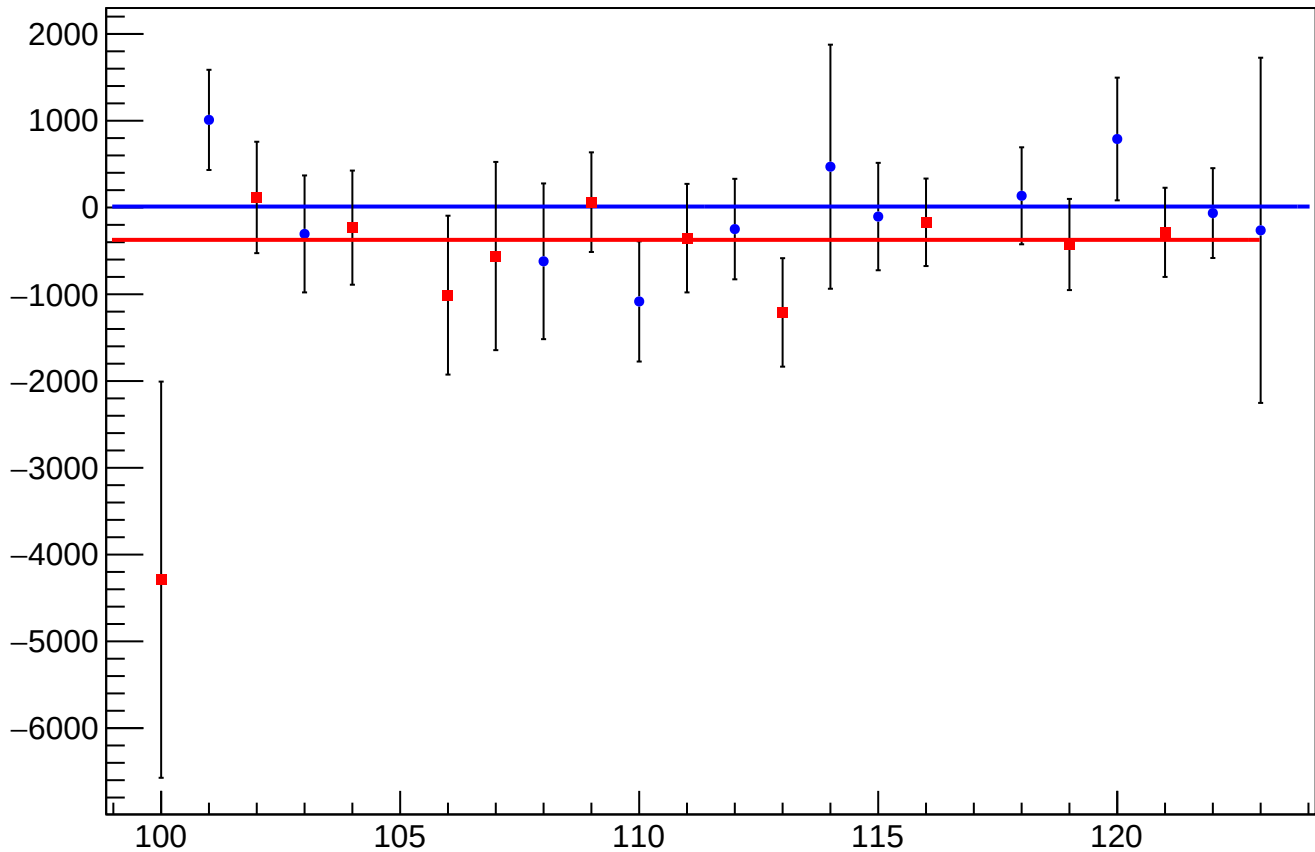
Right: 30.195+/-0.007 χ^2/NDF : 888930.9/21

In: 29.592+/-0.011 χ^2/NDF : 434172.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.195+/-0.007 χ^2/NDF : 888930.9/21

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 10.999+/-204.935 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -372.890+/-194.374 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

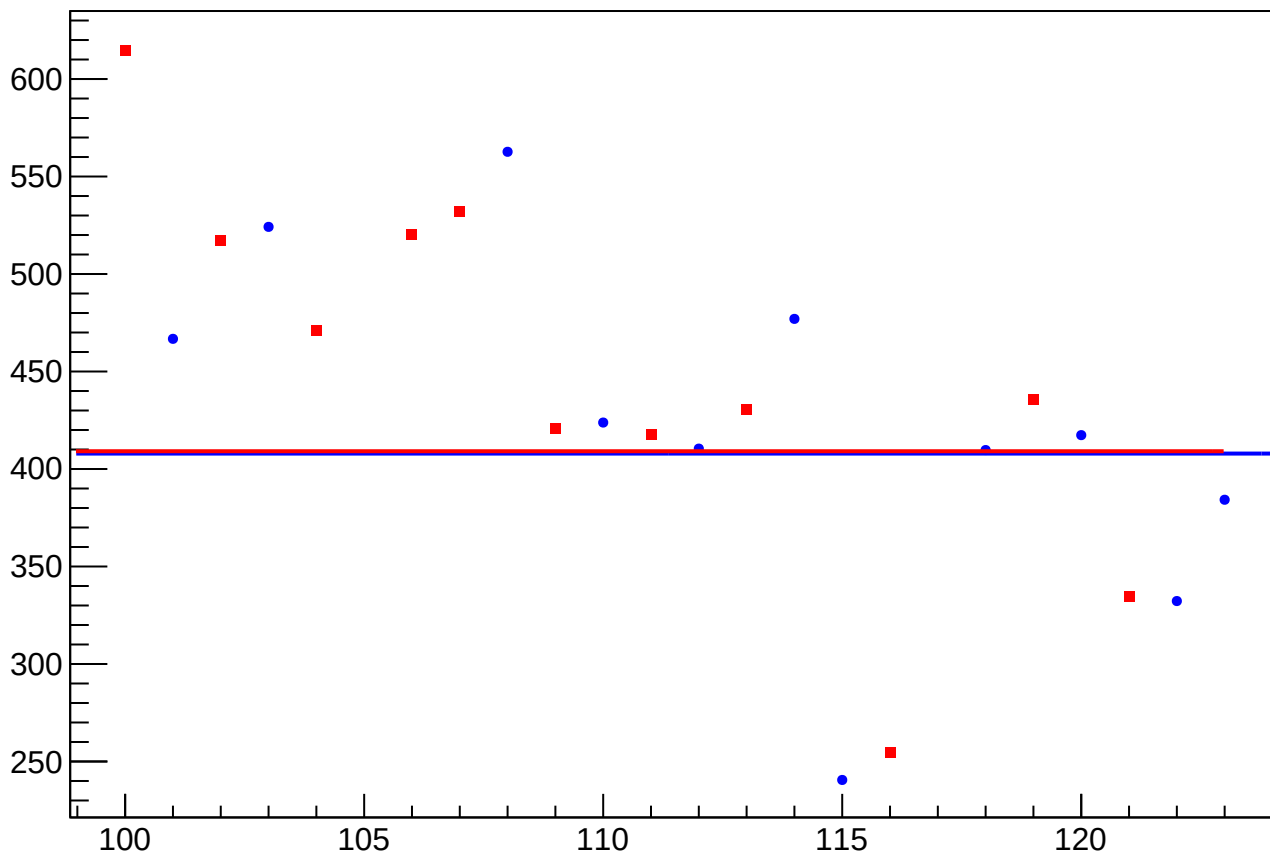
Right: -191.092+/-141.029 χ^2/NDF : 16.3/21

In: 10.999+/-204.935 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.092+/-141.029 χ^2/NDF : 16.3/21

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 407.914+/-0.145 χ^2/NDF : 335309.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.113+/-0.137 χ^2/NDF : 383403.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

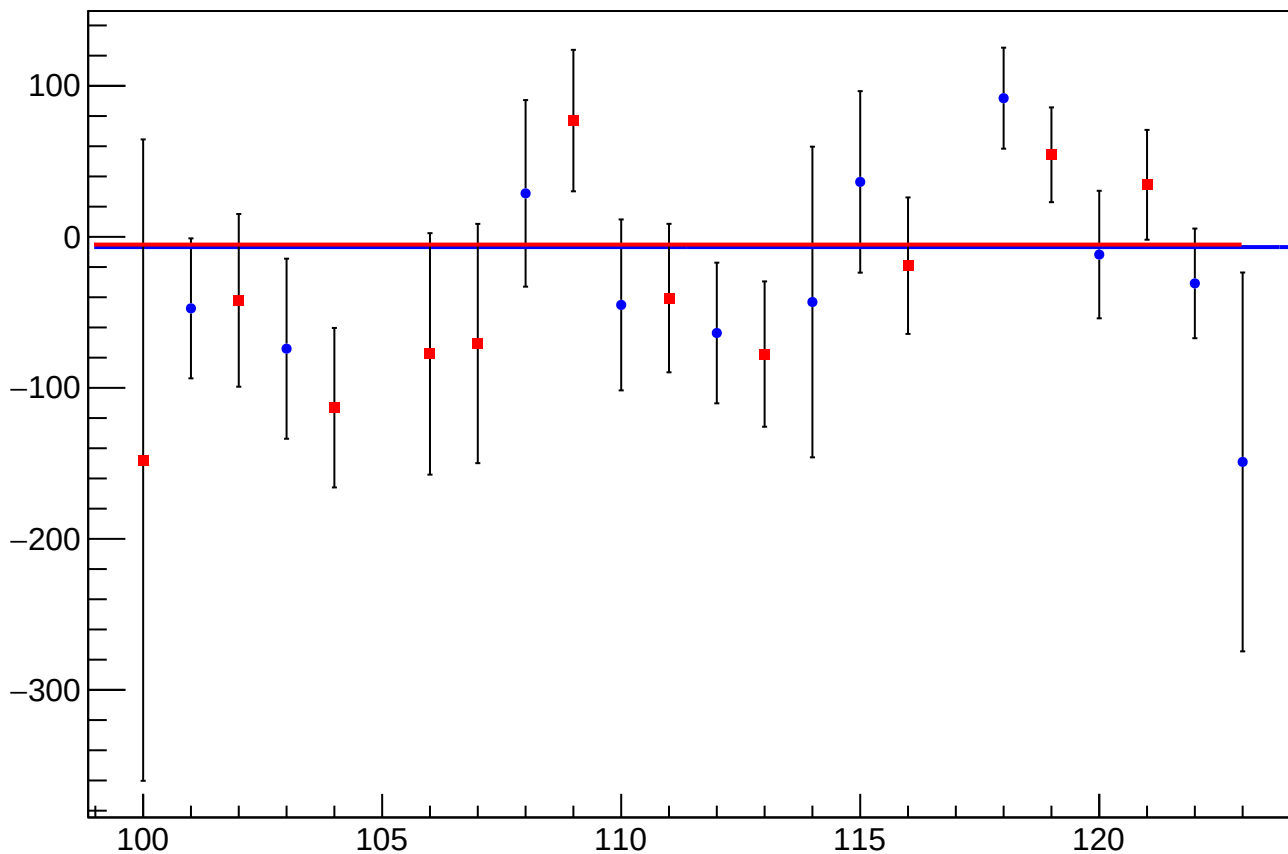
Right: 408.545+/-0.100 χ^2/NDF : 718749.1/21

In: 407.914+/-0.145 χ^2/NDF : 335309.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.545+/-0.100 χ^2/NDF : 718749.1/21

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -6.779+/-15.024 χ^2/NDF : 15.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.120+/-14.801 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

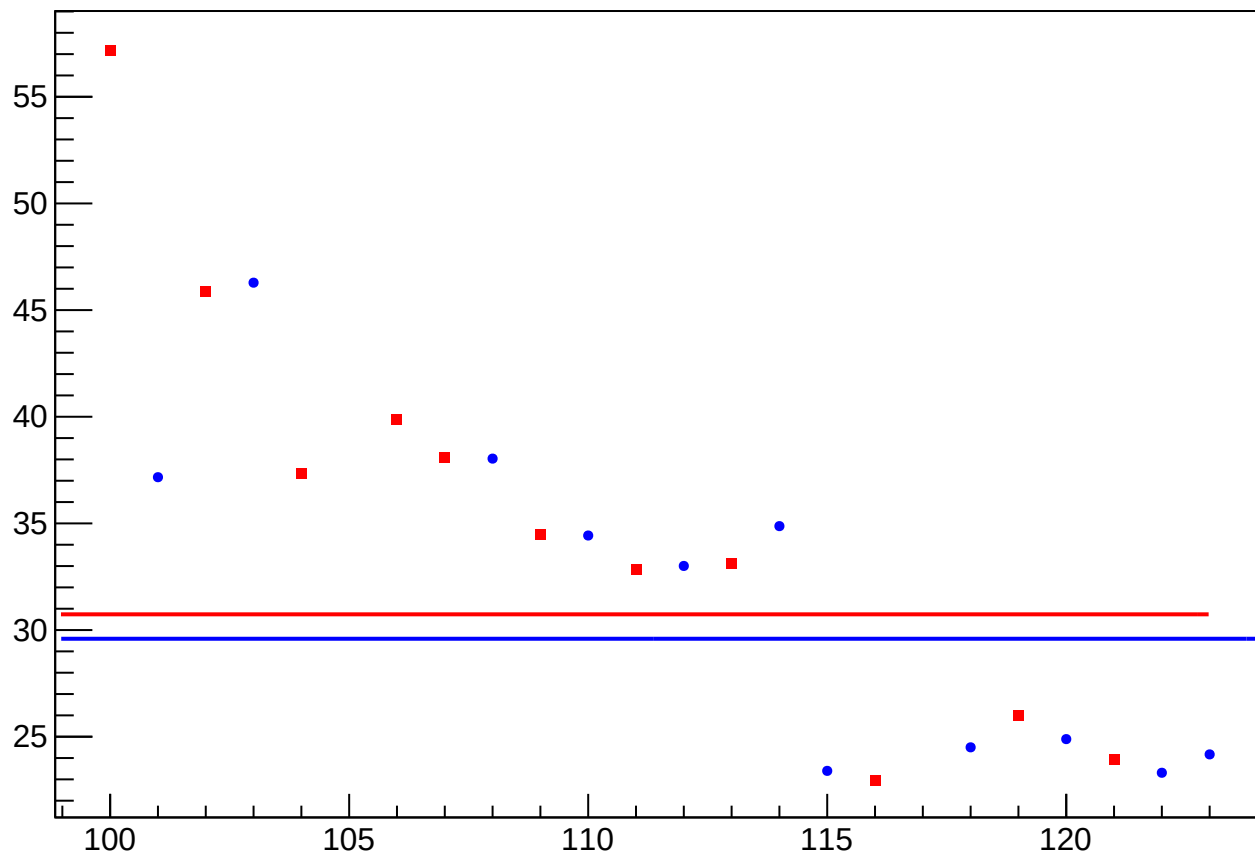
Right: -5.937+/-10.544 χ^2/NDF : 32.7/21

In: -6.779+/-15.024 χ^2/NDF : 15.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.937+/-10.544 χ^2/NDF : 32.7/21

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.592 $\pm$ 0.011 χ^2 /NDF: 434175.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.737 $\pm$ 0.010 χ^2 /NDF: 441514.9/10

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

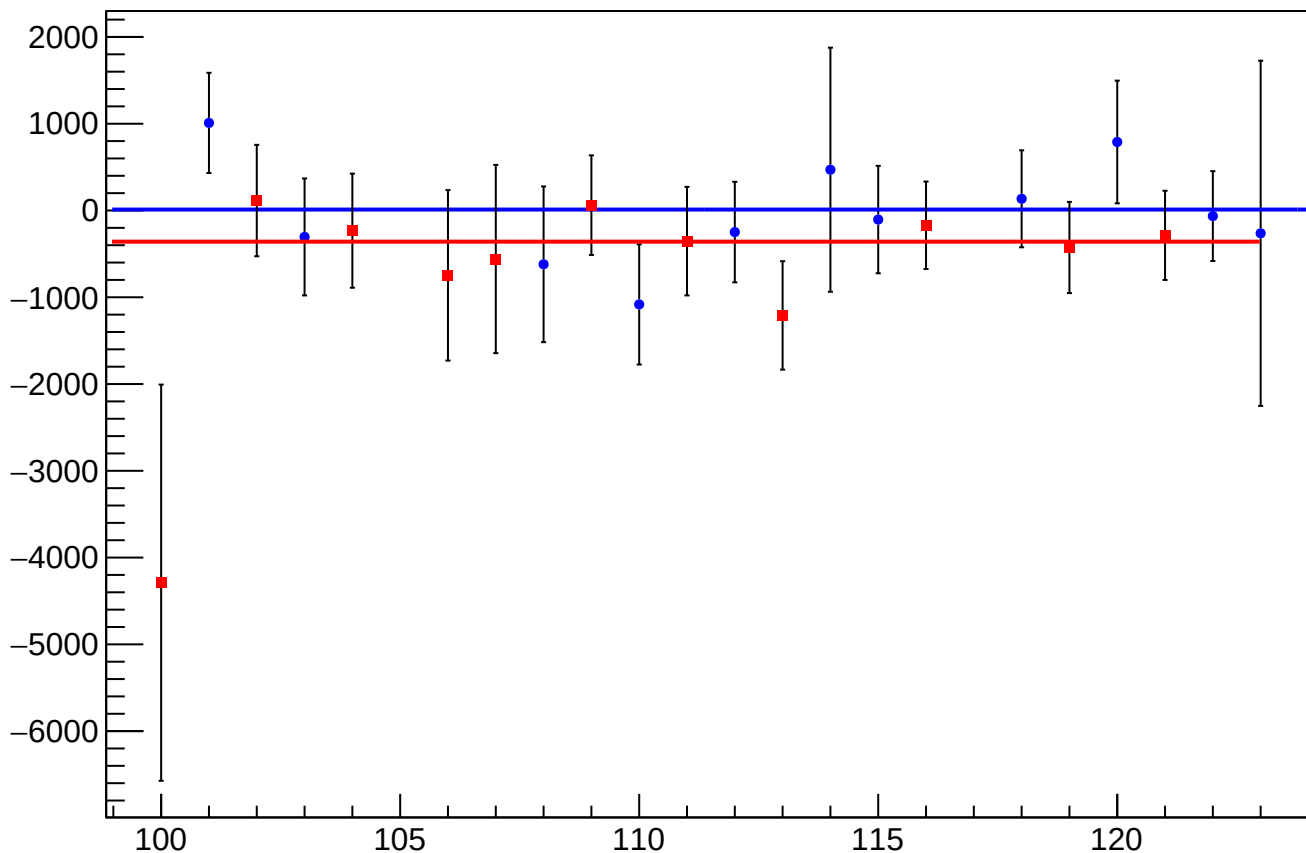
Right: 30.173 $\pm$ 0.007 χ^2 /NDF: 881586.7/21

In: 29.592 $\pm$ 0.011 χ^2 /NDF:434175.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.173 $\pm$ 0.007 χ^2 /NDF: 881586.7/21

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.982 $\pm$ 204.936 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -358.925 $\pm$ 194.962 χ^2 /NDF: 6.3/10

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

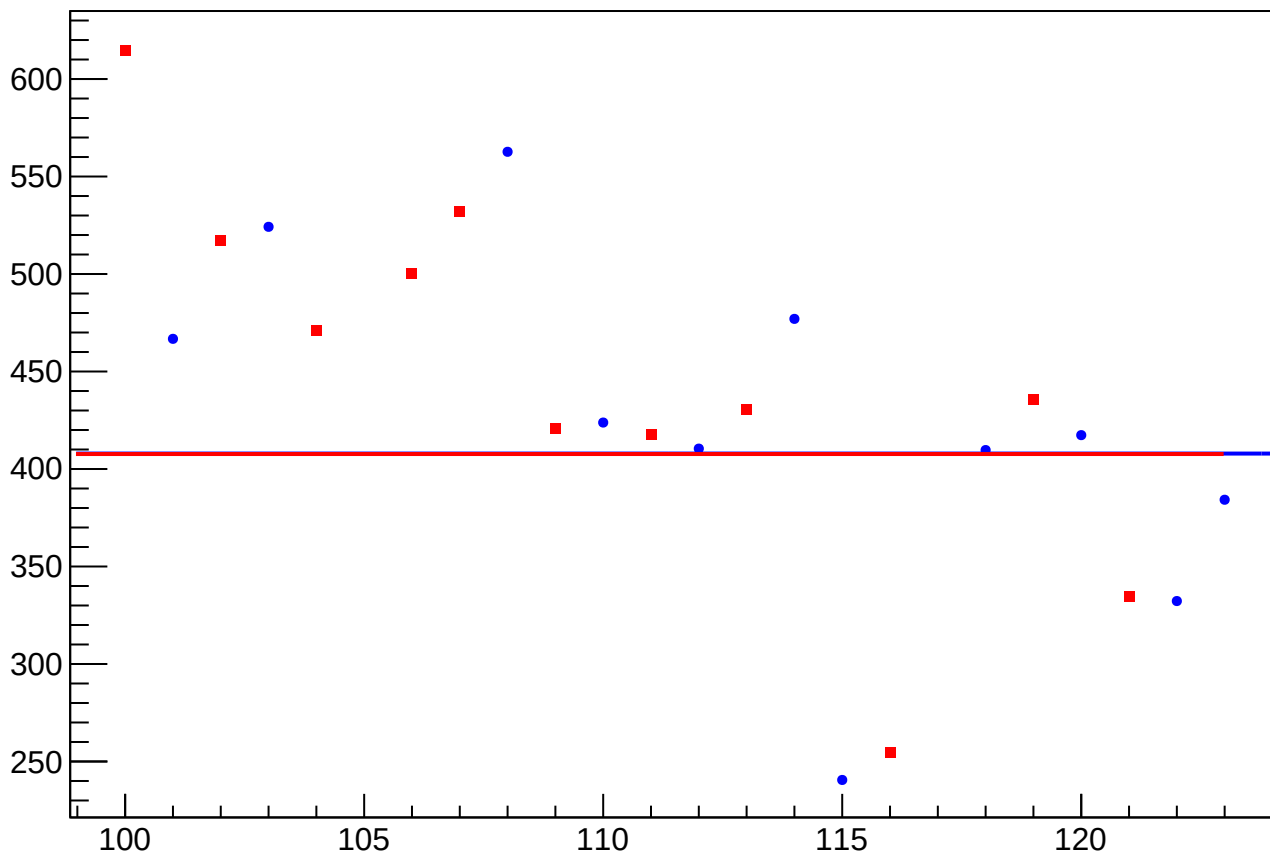
Right: -183.193 $\pm$ 141.253 χ^2 /NDF: 15.9/21

In: 10.982 $\pm$ 204.936 χ^2 /NDF: 7.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -183.193 $\pm$ 141.253 χ^2 /NDF: 15.9/21

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 407.915+/-0.145 χ^2/NDF : 335331.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.679+/-0.138 χ^2/NDF : 371247.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

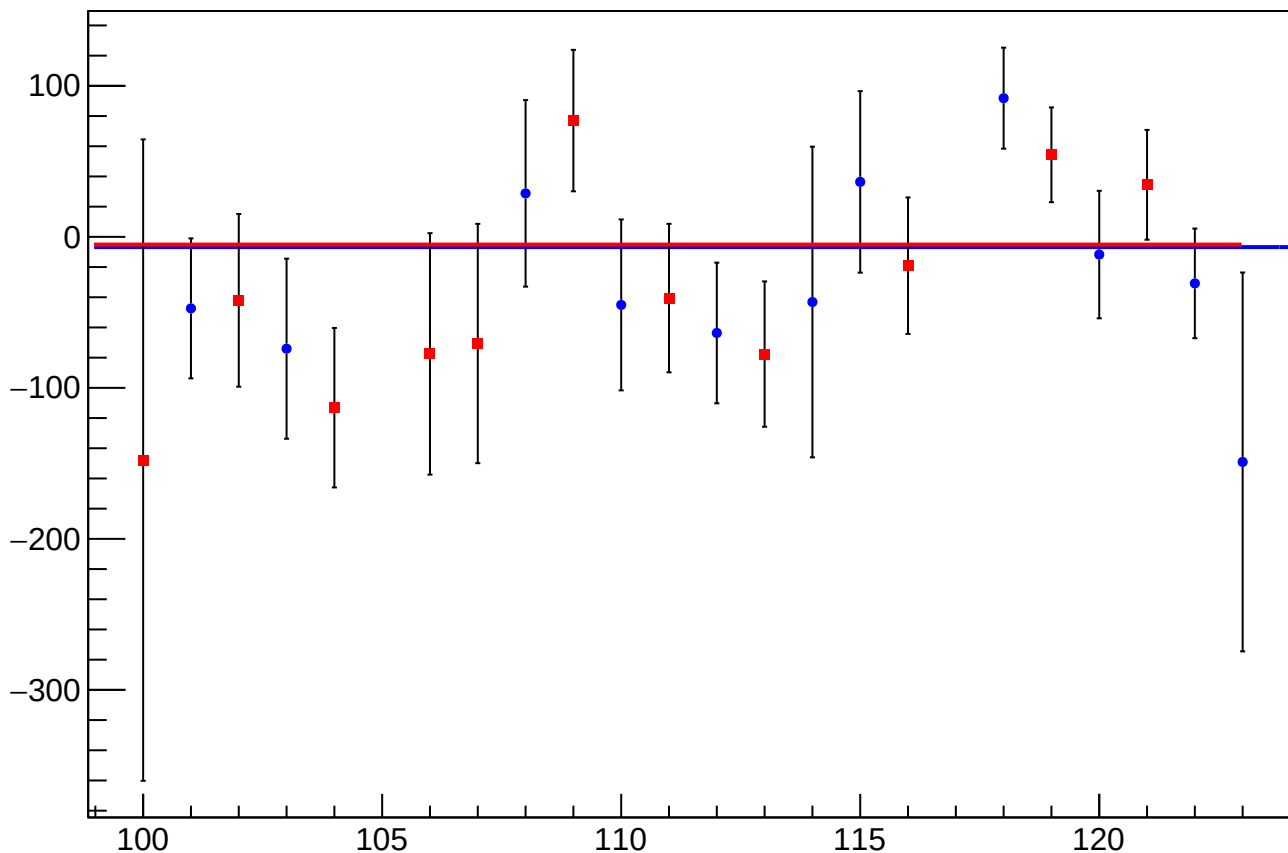
Right: 407.791+/-0.100 χ^2/NDF : 706580.9/21

In: 407.915+/-0.145 χ^2/NDF : 335331.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.791+/-0.100 χ^2/NDF : 706580.9/21

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -6.779+/-15.024 χ^2/NDF : 15.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.120+/-14.801 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

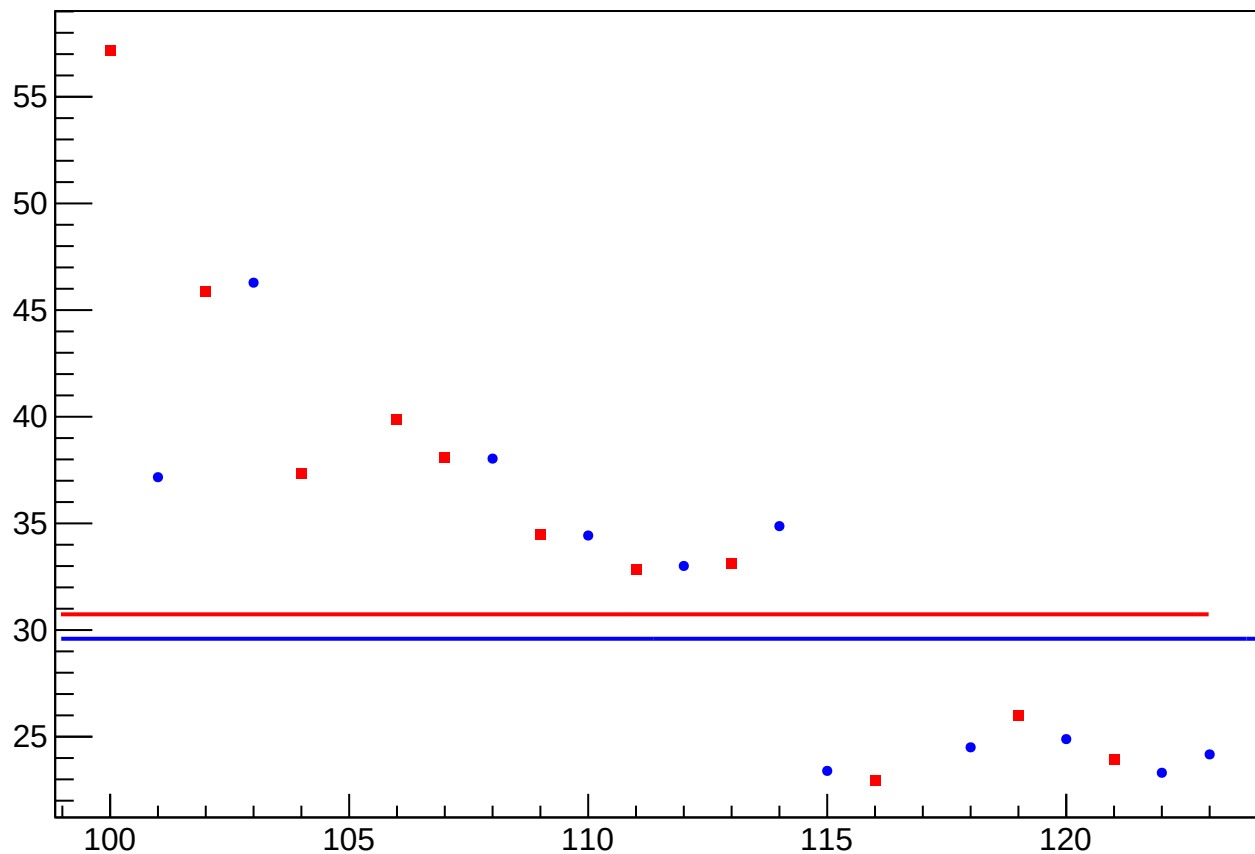
Right: -5.937+/-10.544 χ^2/NDF : 32.7/21

In: -6.779+/-15.024 χ^2/NDF : 15.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.937+/-10.544 χ^2/NDF : 32.7/21

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.592 $\pm$ 0.011 χ^2 /NDF: 434175.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.737 $\pm$ 0.010 χ^2 /NDF: 441514.9/10

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

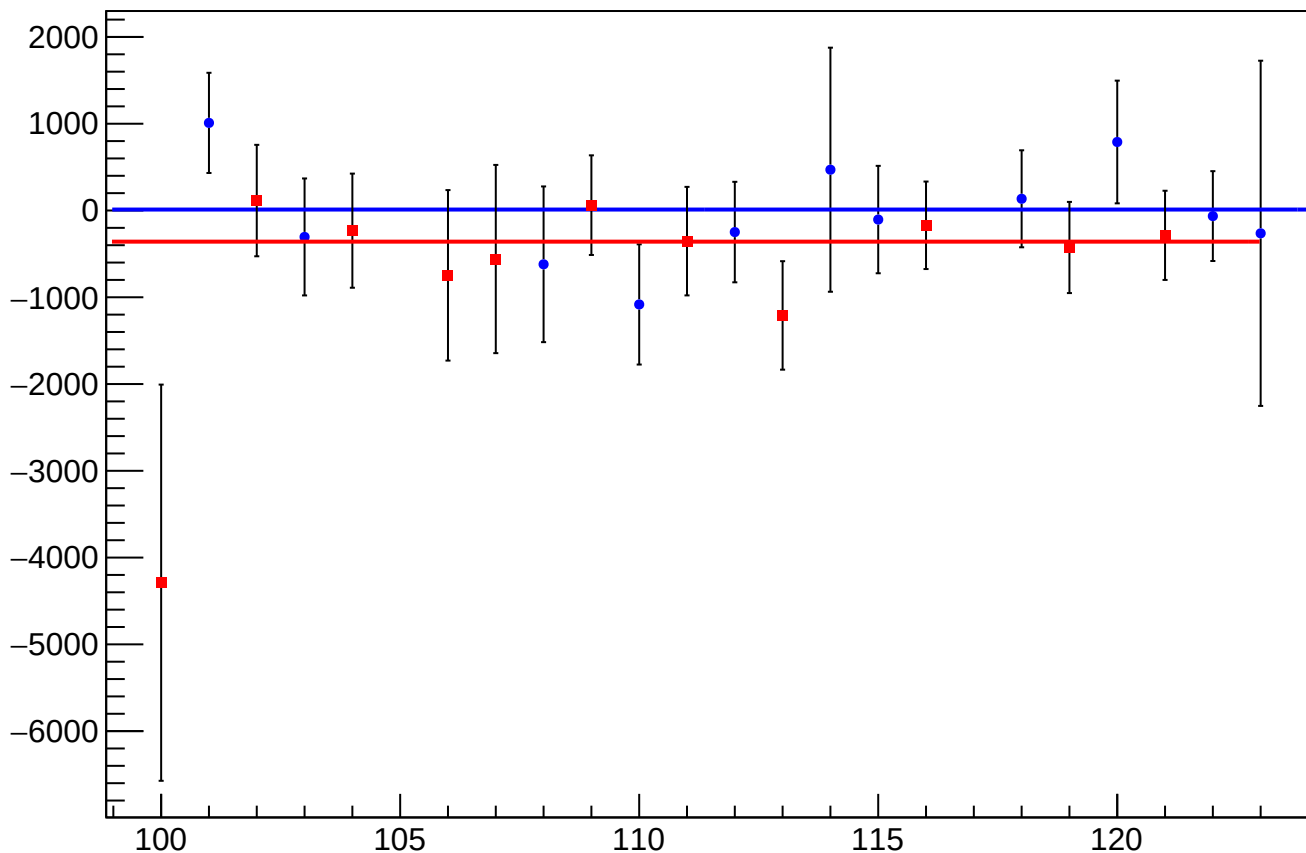
Right: 30.173 $\pm$ 0.007 χ^2 /NDF: 881586.7/21

In: 29.592 $\pm$ 0.011 χ^2 /NDF:434175.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.173 $\pm$ 0.007 χ^2 /NDF: 881586.7/21

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.982 $\pm$ 204.936 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -358.925 $\pm$ 194.962 χ^2 /NDF: 6.3/10

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

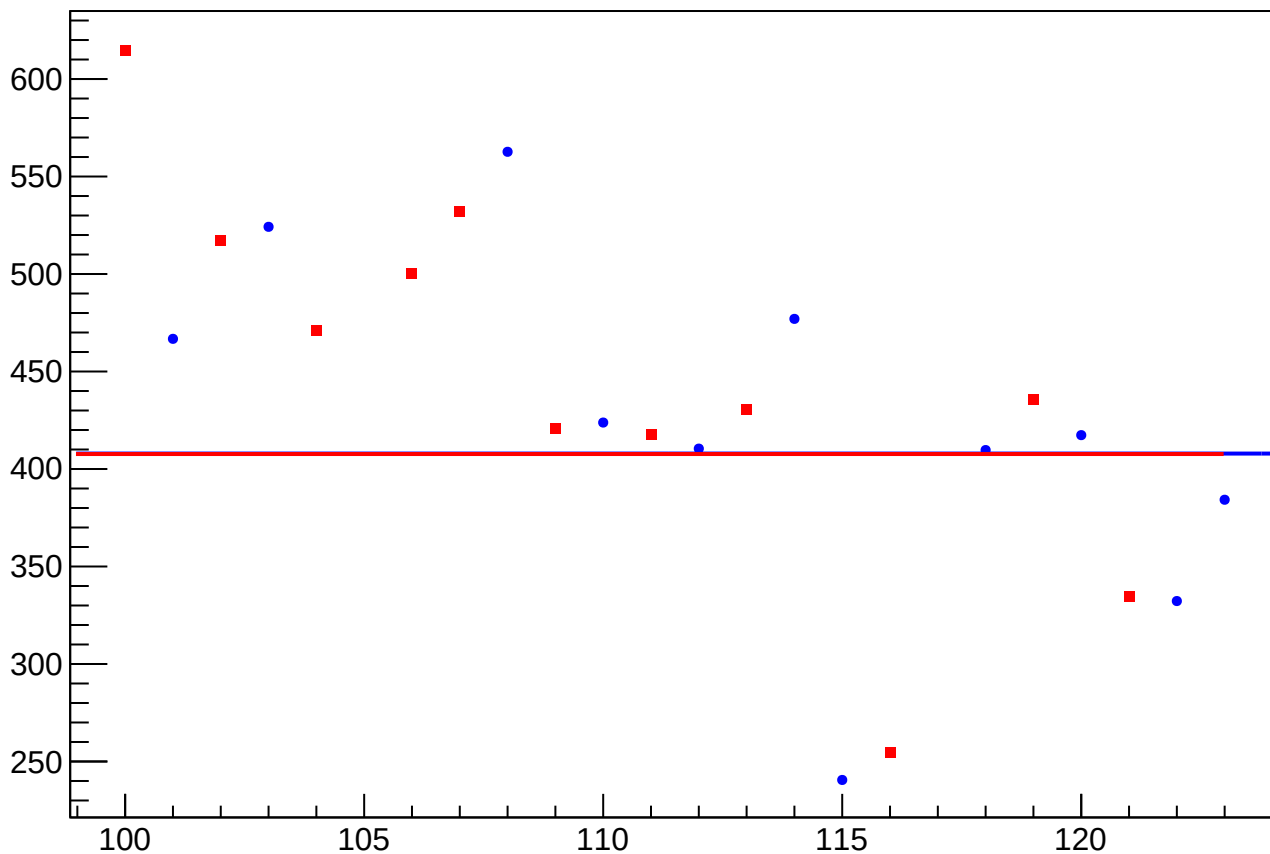
Right: -183.193 $\pm$ 141.253 χ^2 /NDF: 15.9/21

In: 10.982 $\pm$ 204.936 χ^2 /NDF: 7.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -183.193 $\pm$ 141.253 χ^2 /NDF: 15.9/21

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 407.915+/-0.145 χ^2/NDF : 335331.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.679+/-0.138 χ^2/NDF : 371247.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

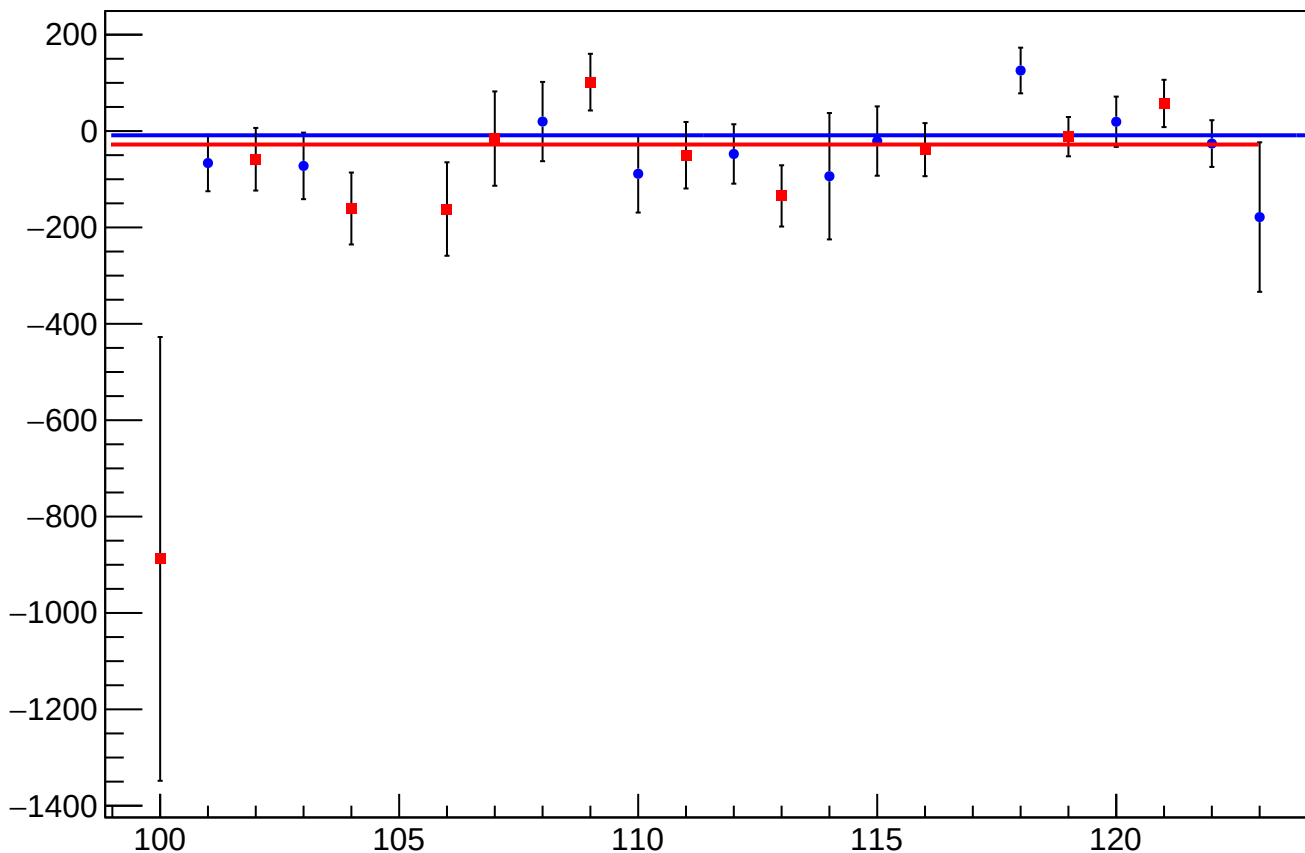
Right: 407.791+/-0.100 χ^2/NDF : 706580.9/21

In: 407.915+/-0.145 χ^2/NDF : 335331.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.791+/-0.100 χ^2/NDF : 706580.9/21

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -8.770+/-19.622 χ^2/NDF : 13.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.942+/-19.156 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

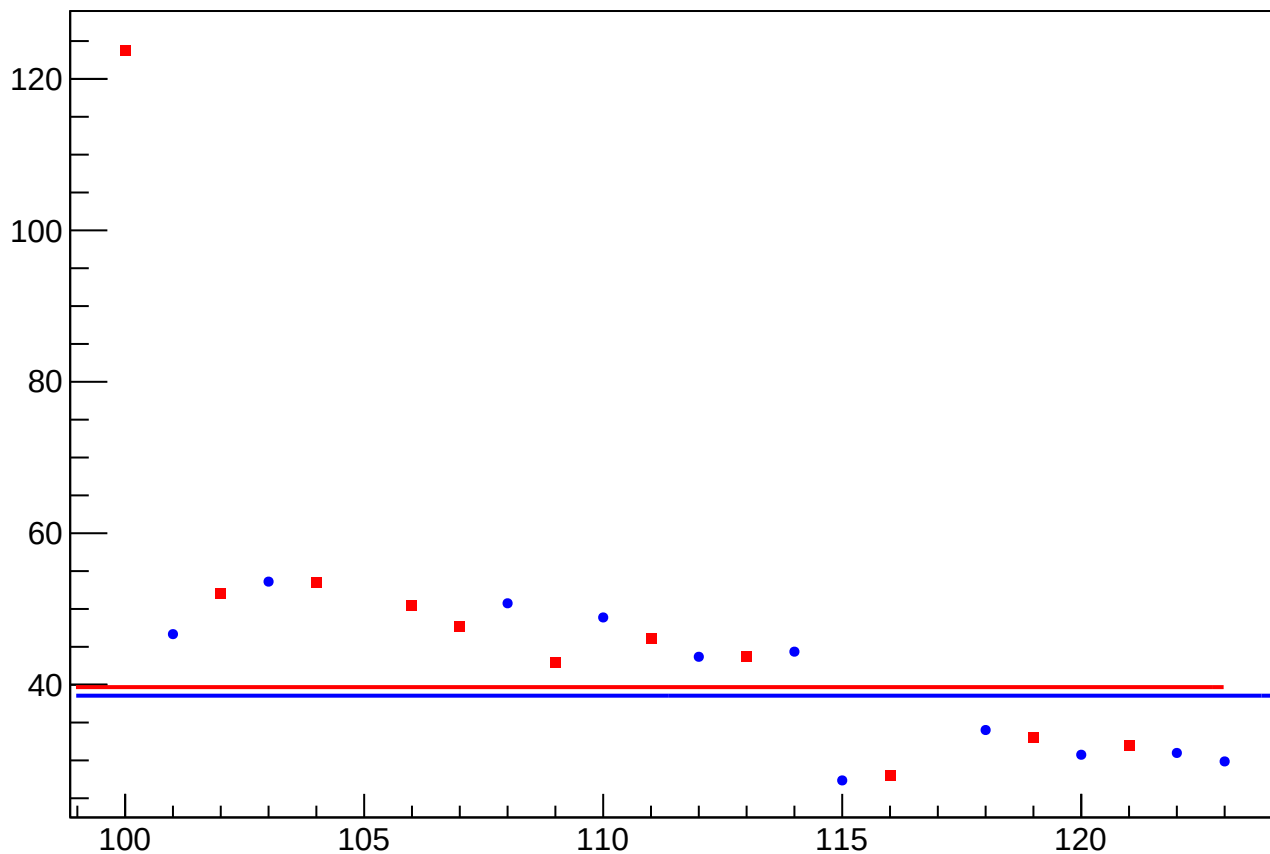
Right: -18.586+/-13.707 χ^2/NDF : 33.7/21

In: -8.770+/-19.622 χ^2/NDF : 13.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.586+/-13.707 χ^2/NDF : 33.7/21

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.548 $\pm$ 0.014 χ^2 /NDF: 394901.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.679 $\pm$ 0.014 χ^2 /NDF: 470464.3/10

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

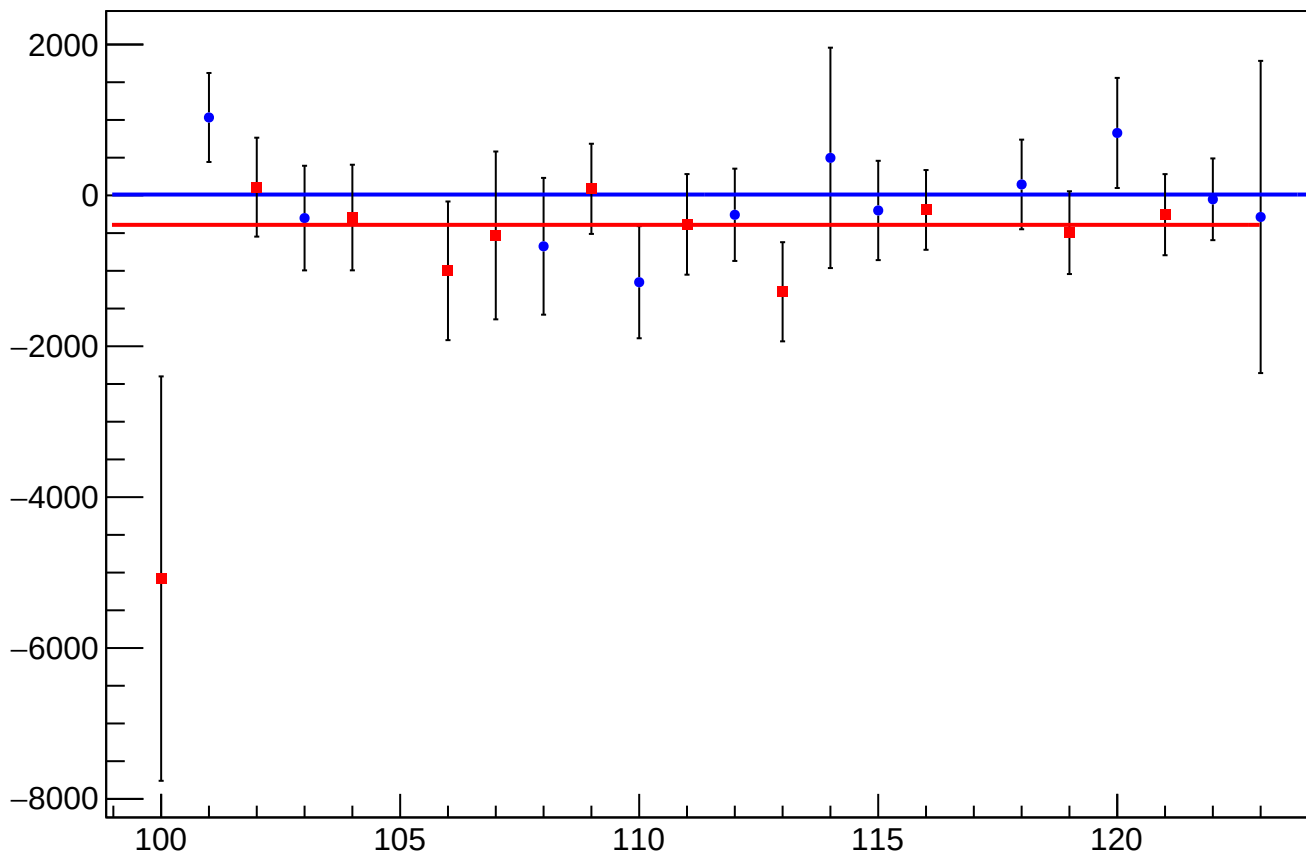
Right: 39.127 $\pm$ 0.010 χ^2 /NDF: 868768.4/21

In: 38.548 $\pm$ 0.014 χ^2 /NDF:394901.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.127 $\pm$ 0.010 χ^2 /NDF: 868768.4/21

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 11.272+/-214.247 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -390.477+/-203.176 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

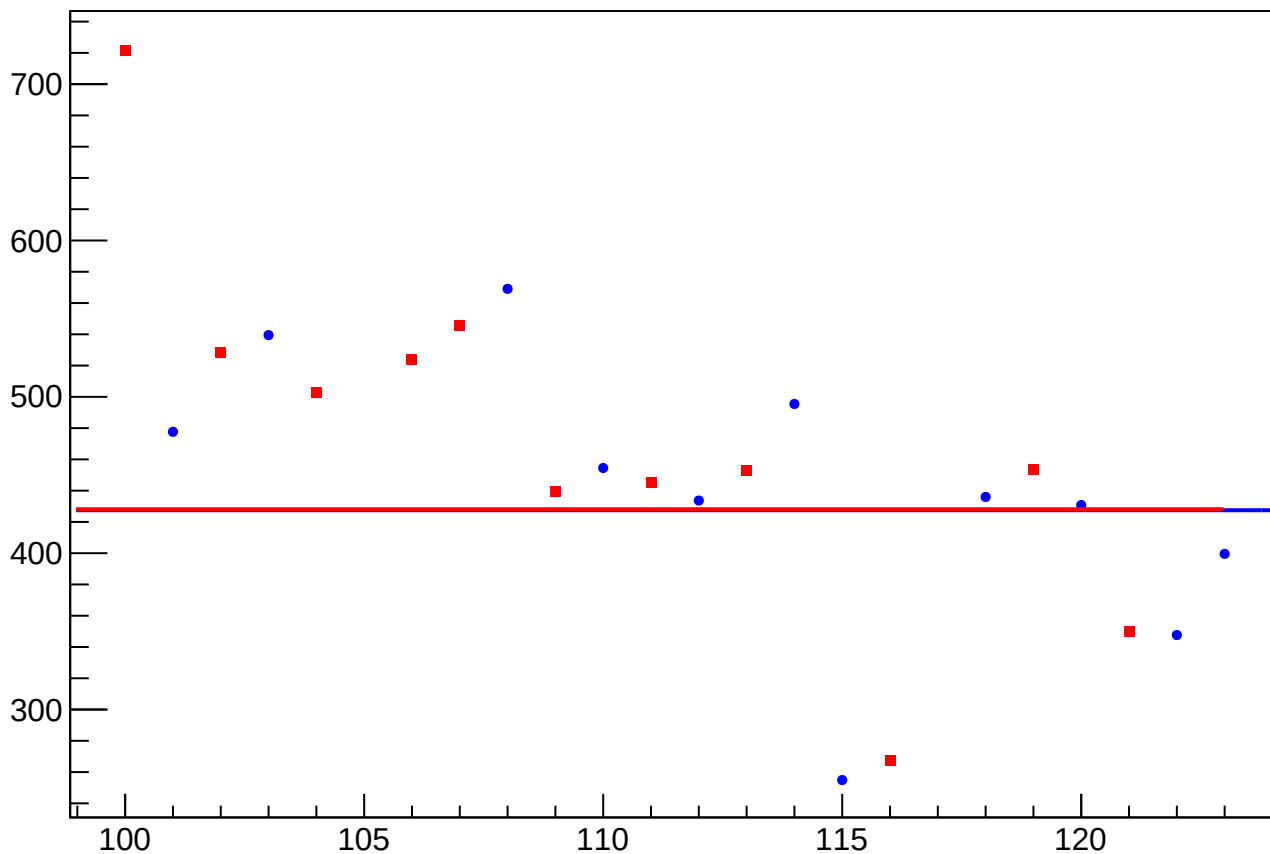
Right: -200.250+/-147.426 χ^2/NDF : 16.6/21

In: 11.272+/-214.247 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.250+/-147.426 χ^2/NDF : 16.6/21

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.480+/-0.151 χ^2/NDF : 304405.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.112+/-0.144 χ^2/NDF : 373890.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

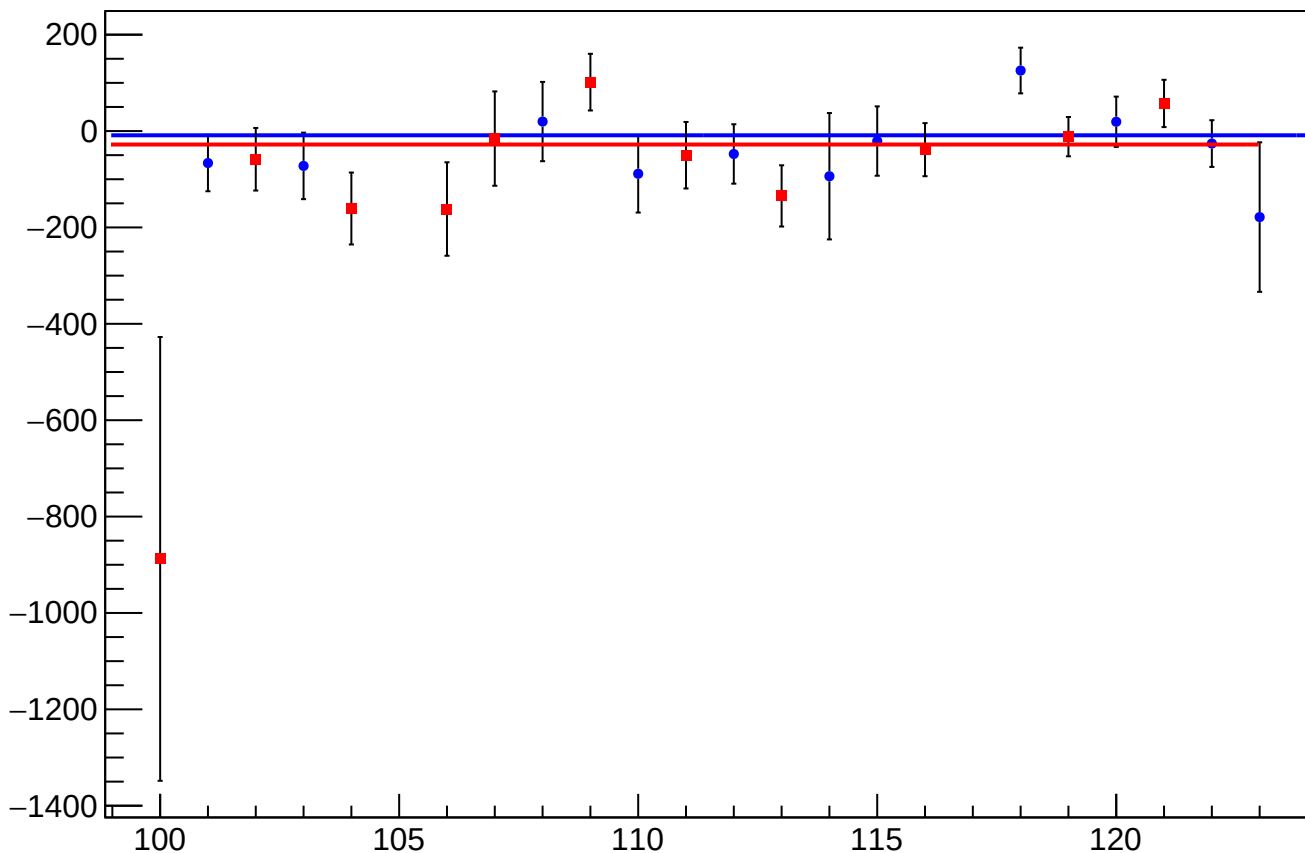
Right: 427.813+/-0.104 χ^2/NDF : 678304.4/21

In: 427.480+/-0.151 χ^2/NDF : 304405.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.813+/-0.104 χ^2/NDF : 678304.4/21

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -8.770+/-19.621 χ^2/NDF : 13.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.941+/-19.156 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

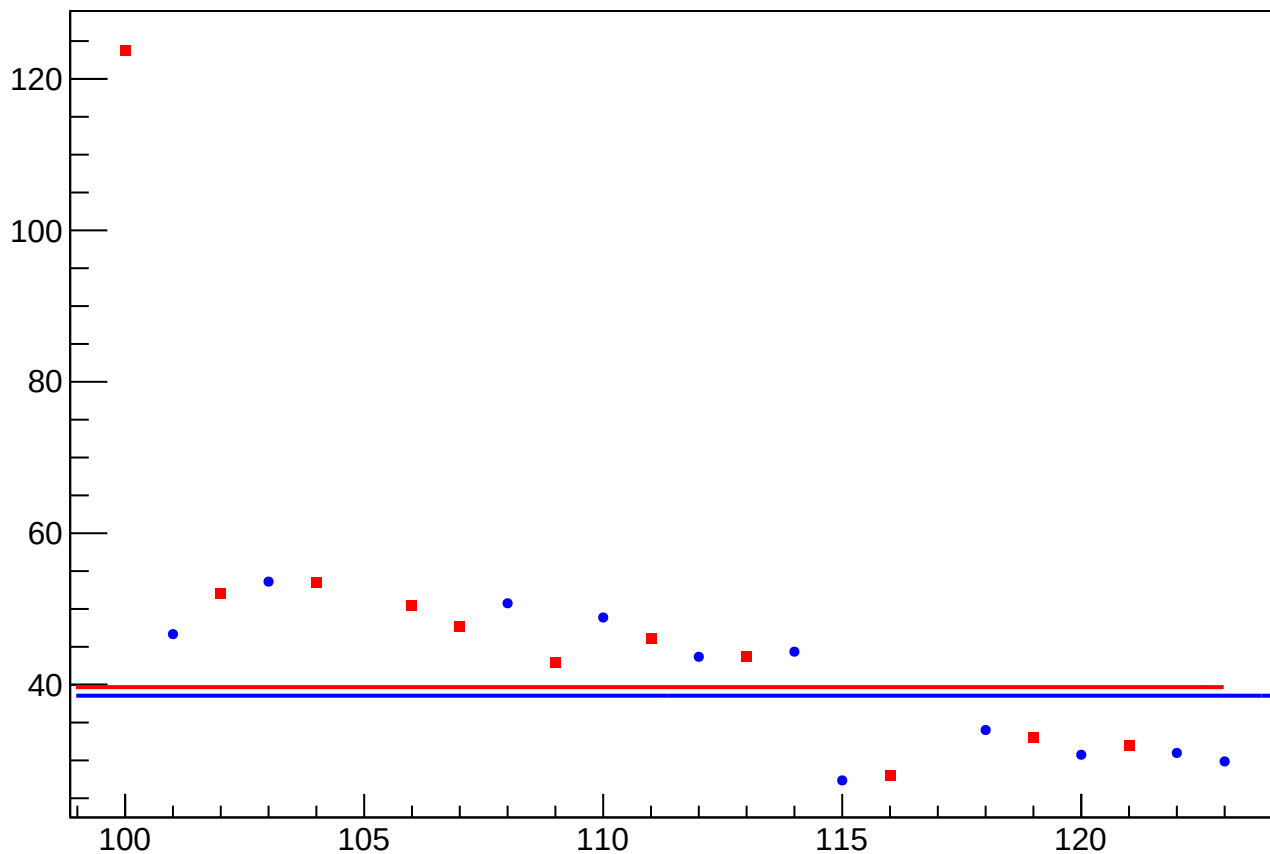
Right: -18.586+/-13.707 χ^2/NDF : 33.7/21

In: -8.770+/-19.621 χ^2/NDF : 13.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.586+/-13.707 χ^2/NDF : 33.7/21

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.547 $\pm$ 0.014 χ^2 /NDF: 394885.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.678 $\pm$ 0.014 χ^2 /NDF: 470446.7/10

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

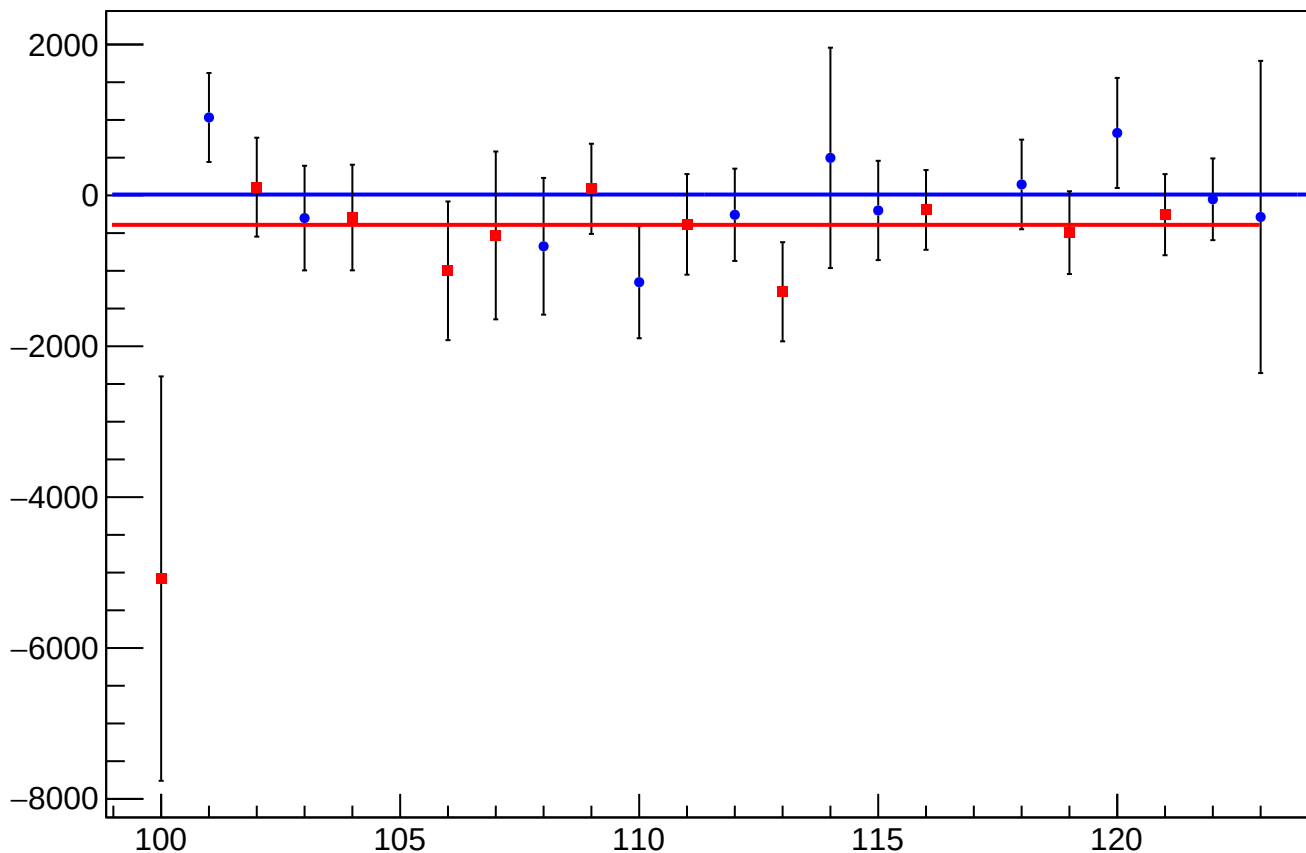
Right: 39.126 $\pm$ 0.010 χ^2 /NDF: 868734.4/21

In: 38.547 $\pm$ 0.014 χ^2 /NDF:394885.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.126 $\pm$ 0.010 χ^2 /NDF: 868734.4/21

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 11.271+/-214.247 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -390.477+/-203.176 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

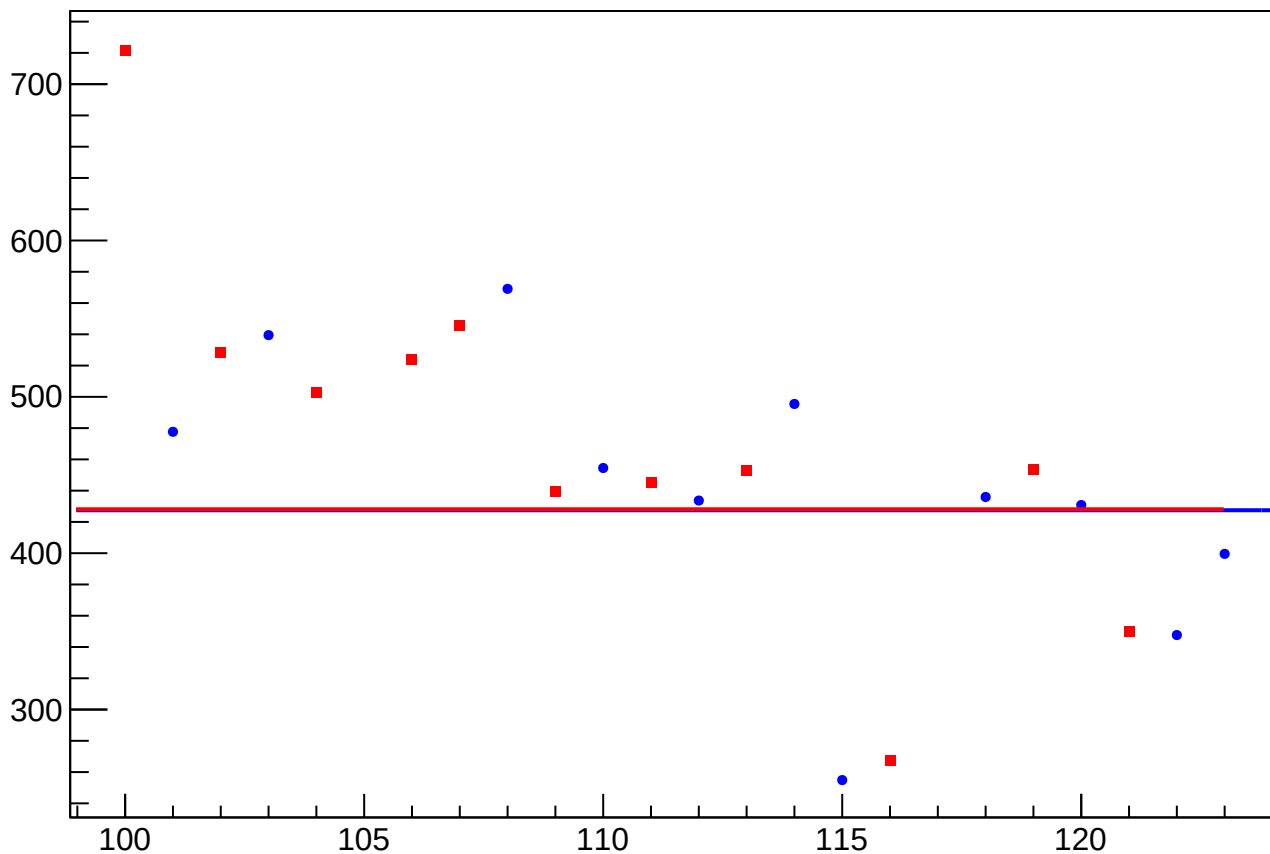
Right: -200.251+/-147.426 χ^2/NDF : 16.6/21

In: 11.271+/-214.247 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.251+/-147.426 χ^2/NDF : 16.6/21

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.479+/-0.151 χ^2/NDF : 304399.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.111+/-0.144 χ^2/NDF : 373884.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

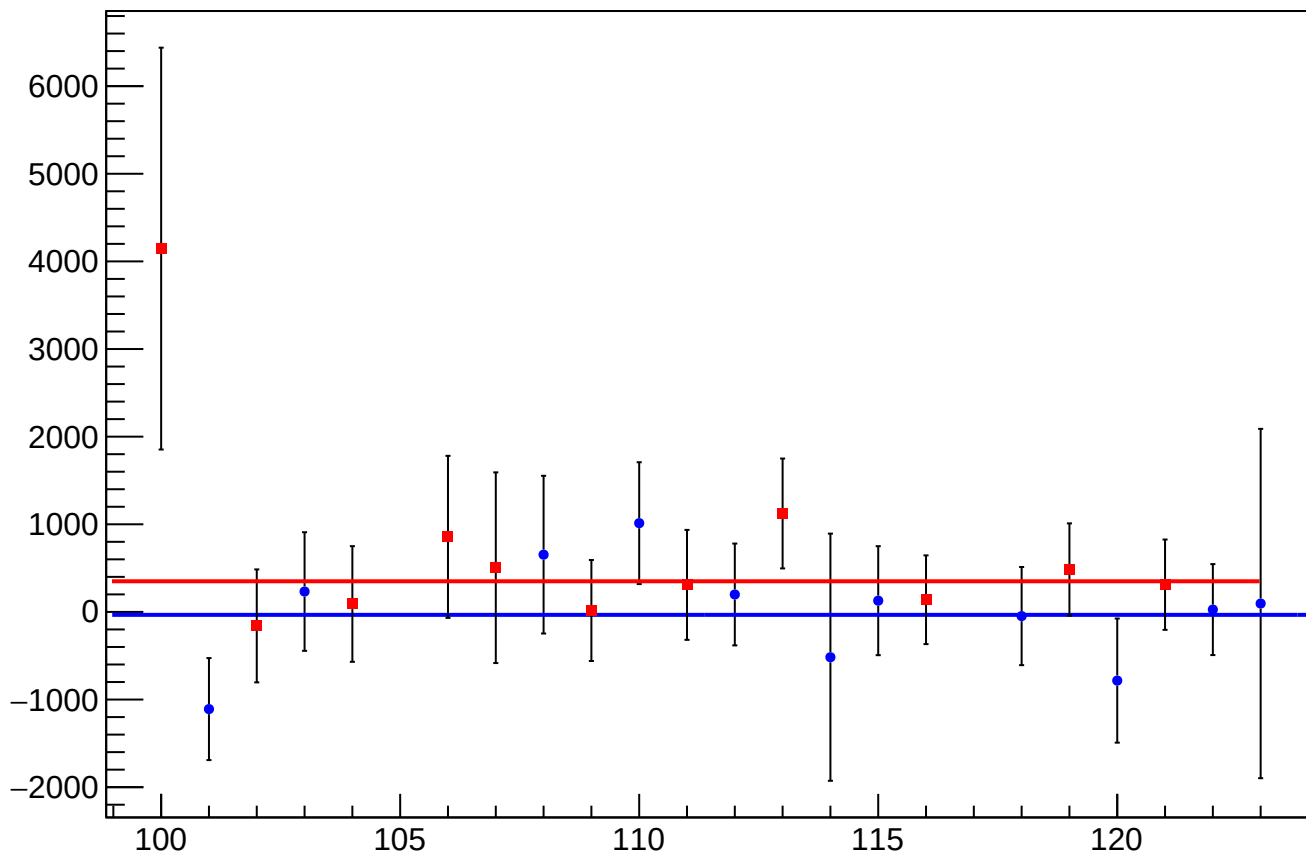
Right: 427.812+/-0.104 χ^2/NDF : 678292.8/21

In: 427.479+/-0.151 χ^2/NDF : 304399.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.812+/-0.104 χ^2/NDF : 678292.8/21

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -33.448 $\pm$ 205.693 χ^2 /NDF: 7.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 349.715 $\pm$ 195.061 χ^2 /NDF: 5.9/10

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

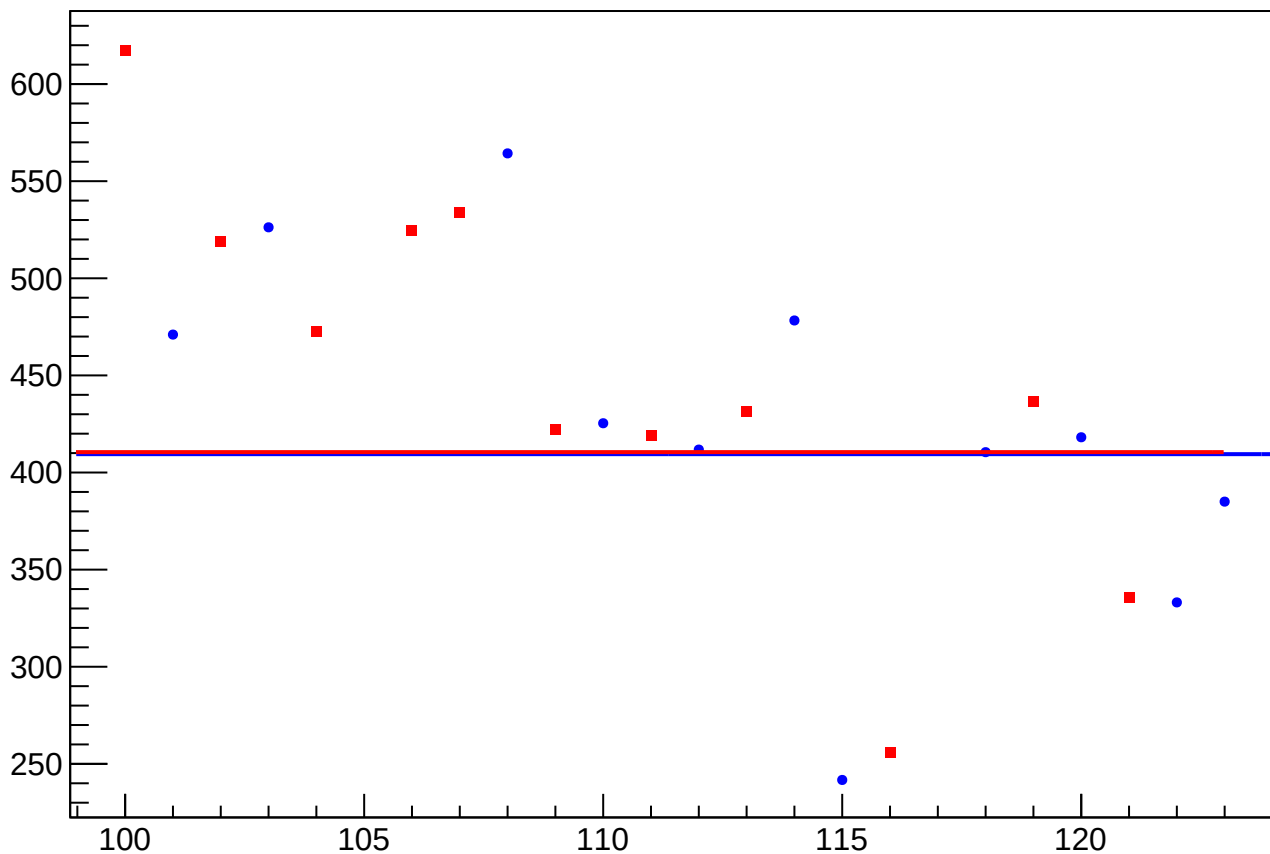
Right: 168.292 $\pm$ 141.538 χ^2 /NDF: 15.7/21

In: -33.448 $\pm$ 205.693 χ^2 /NDF:7.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.292 $\pm$ 141.538 χ^2 /NDF: 15.7/21

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 409.455+/-0.145 χ^2/NDF : 336340.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.504+/-0.138 χ^2/NDF : 383793.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

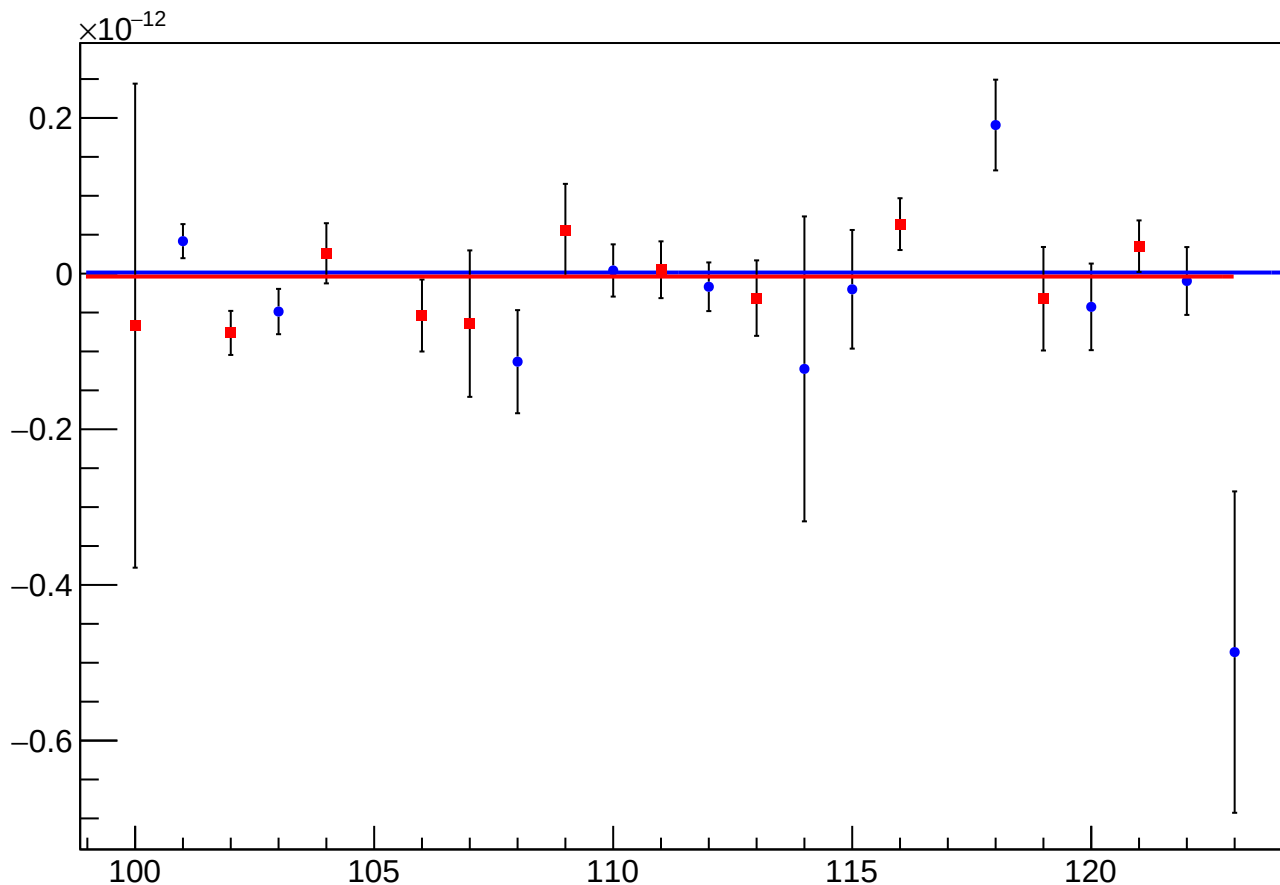
Right: 410.007+/-0.100 χ^2/NDF : 720161.7/21

In: 409.455+/-0.145 χ^2/NDF : 336340.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.007+/-0.100 χ^2/NDF : 720161.7/21

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 27.0/10

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

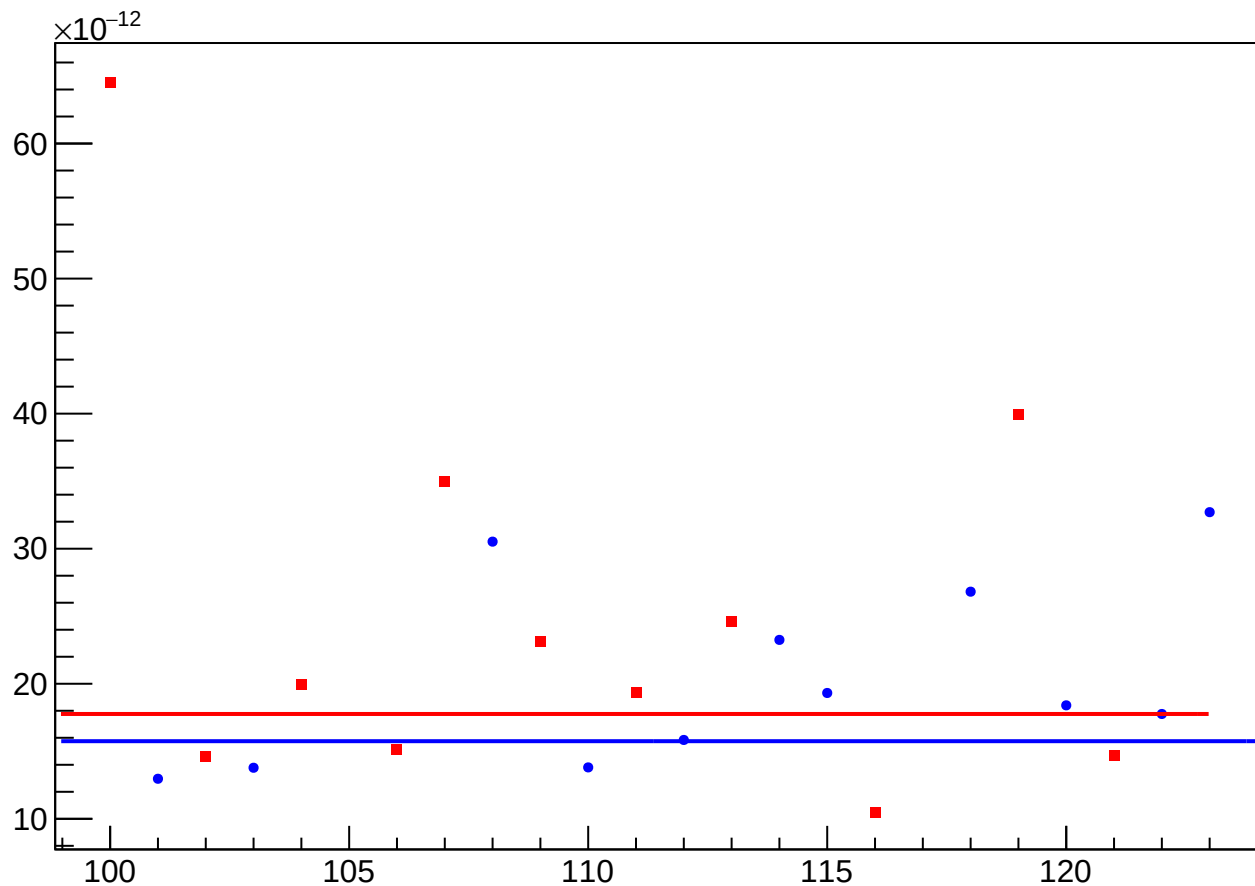
Right: -0.000+/-0.000 χ^2/NDF : 42.9/21

In: 0.000+/-0.000 χ^2/NDF : 27.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.9/21

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 249387.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 545738.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

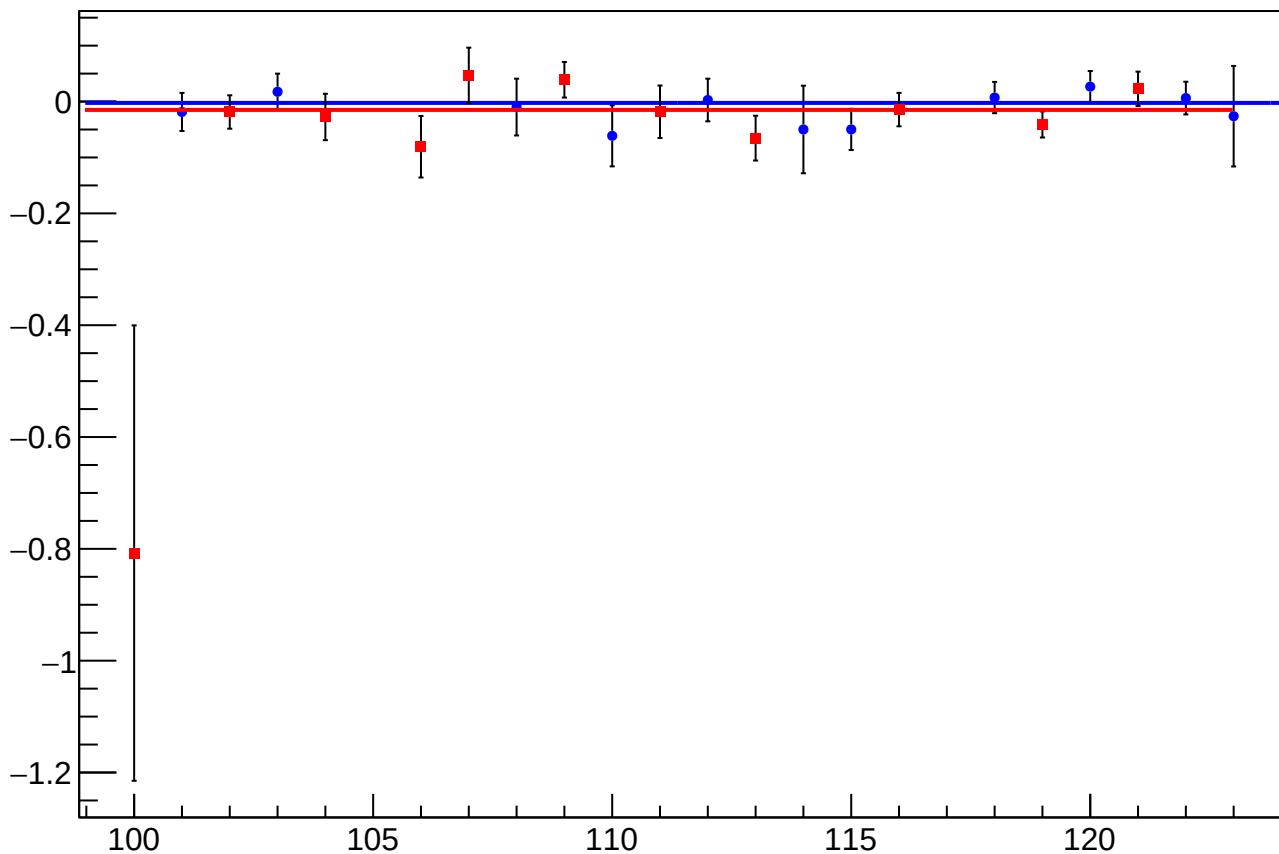
Right: 0.000+/-0.000 χ^2/NDF : 820960.5/21

In: 0.000+/-0.000 χ^2/NDF : 249387.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 820960.5/21

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.011 χ^2/NDF : 5.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.011 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

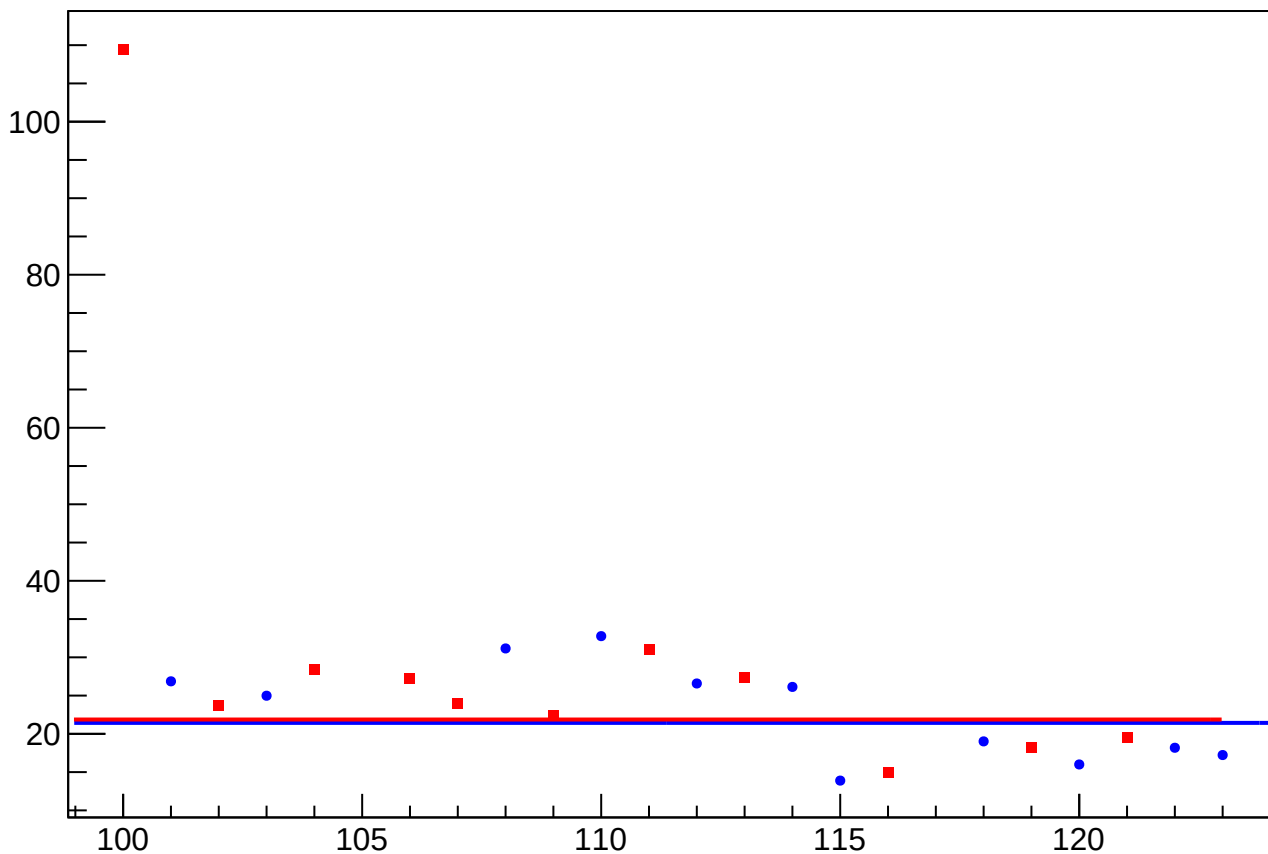
Right: -0.009 ± 0.008 χ^2/NDF : 19.9/21

In: -0.002 ± 0.011 χ^2/NDF : 5.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.008 χ^2/NDF : 19.9/21

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.434+/-0.008 χ^2/NDF : 481518.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.873+/-0.008 χ^2/NDF : 452453.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

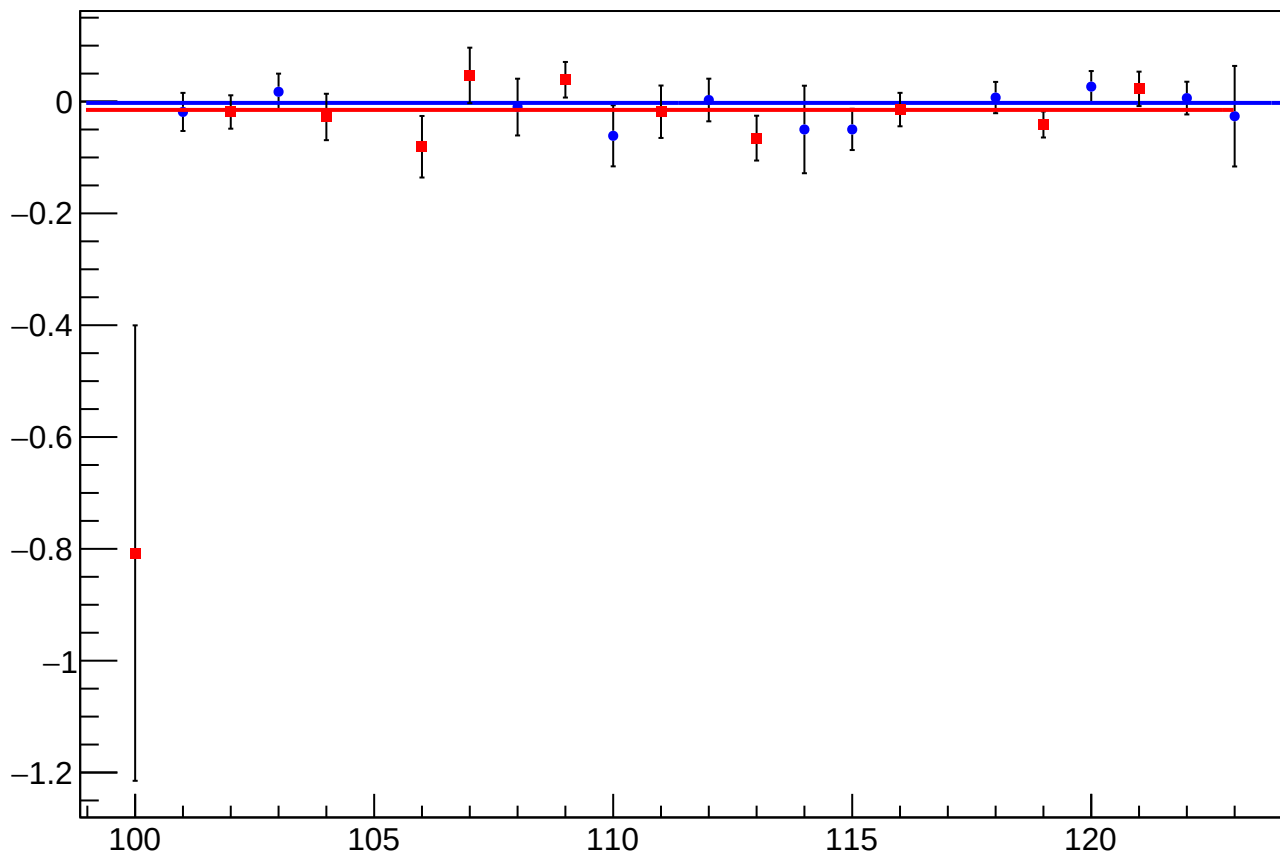
Right: 21.660+/-0.006 χ^2/NDF : 935558.5/21

In: 21.434+/-0.008 χ^2/NDF : 481518.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.660+/-0.006 χ^2/NDF : 935558.5/21

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.011 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.011 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

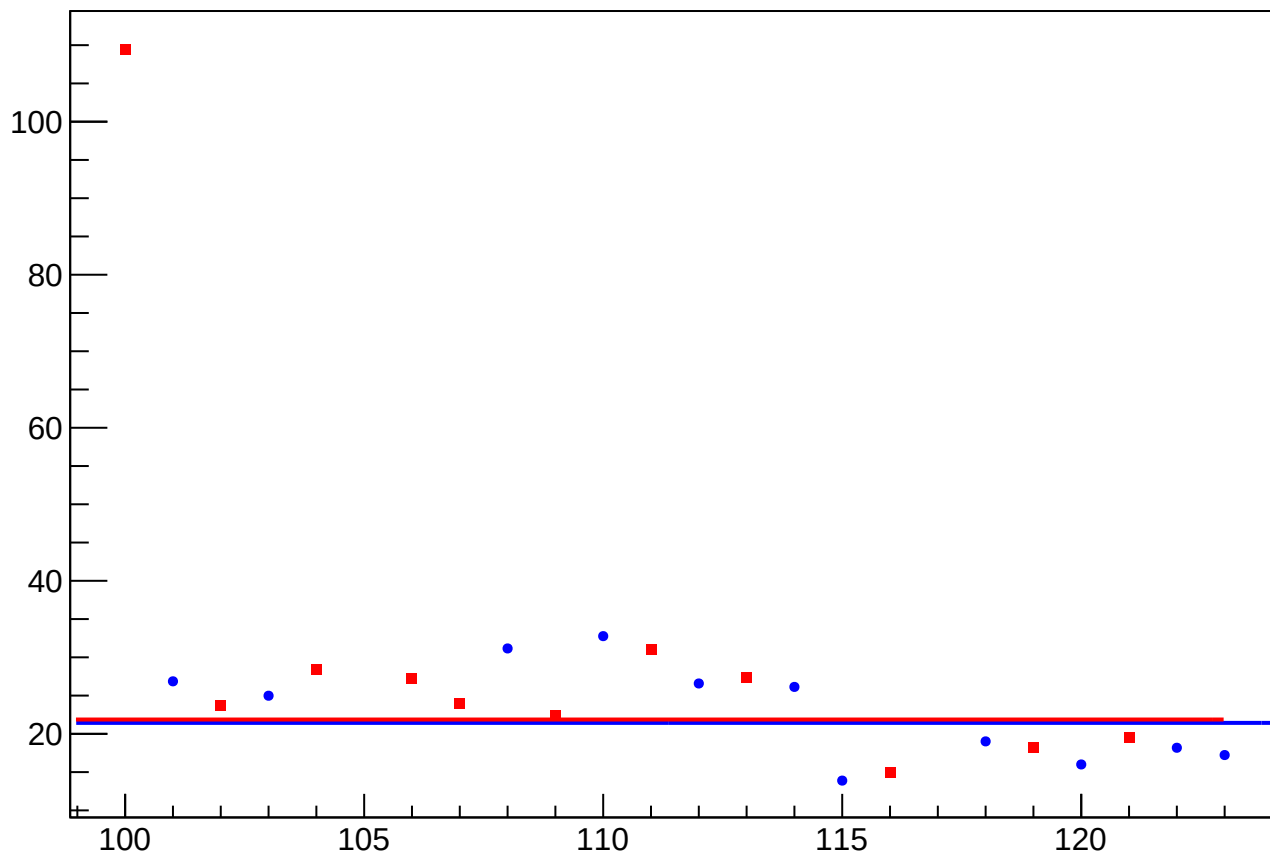
Right: -0.009 $\pm$ 0.008 χ^2 /NDF: 19.9/21

In: -0.002 $\pm$ 0.011 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.008 χ^2 /NDF: 19.9/21

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.434+/-0.008 χ^2/NDF : 481518.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.873+/-0.008 χ^2/NDF : 452453.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

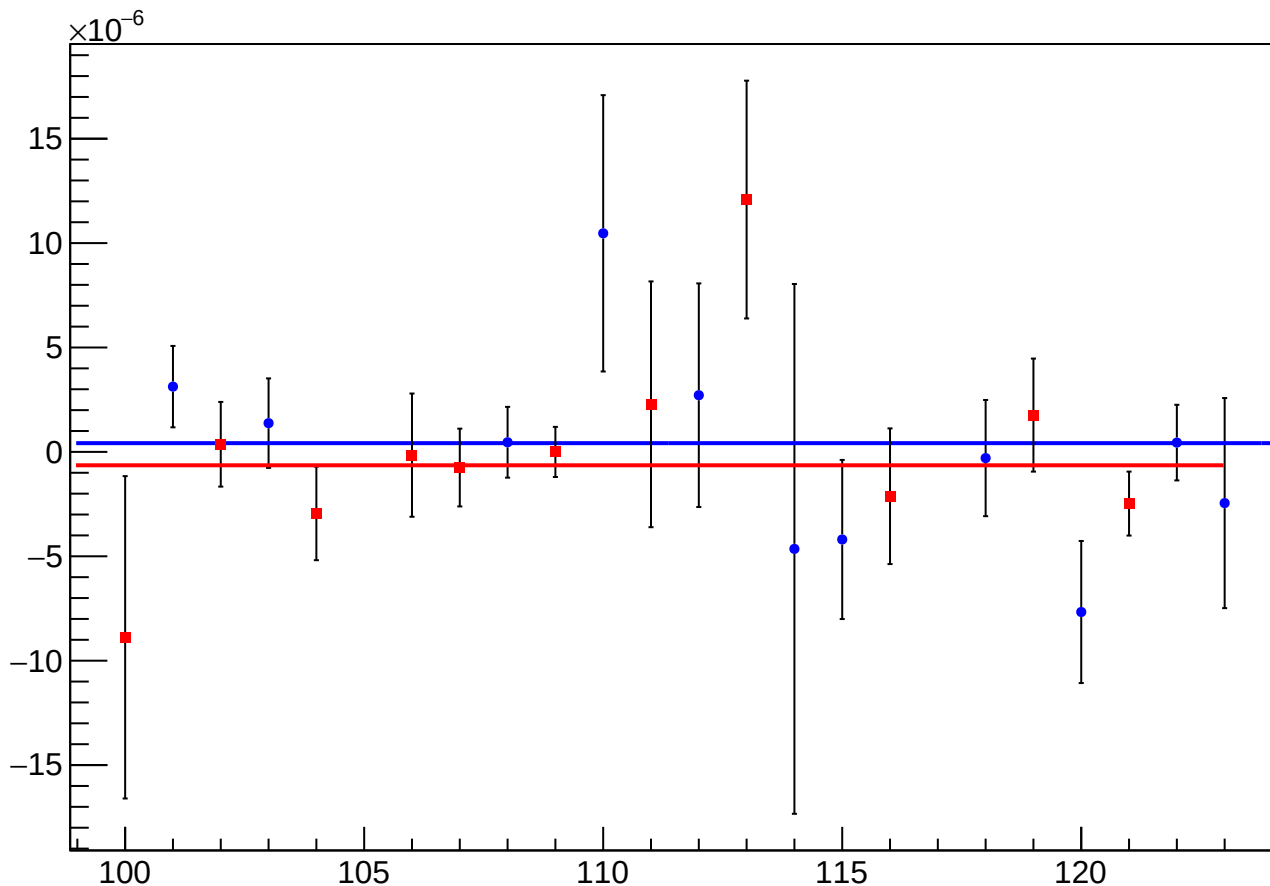
Right: 21.660+/-0.006 χ^2/NDF : 935558.5/21

In: 21.434+/-0.008 χ^2/NDF : 481518.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.660+/-0.006 χ^2/NDF : 935558.5/21

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.3/10

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

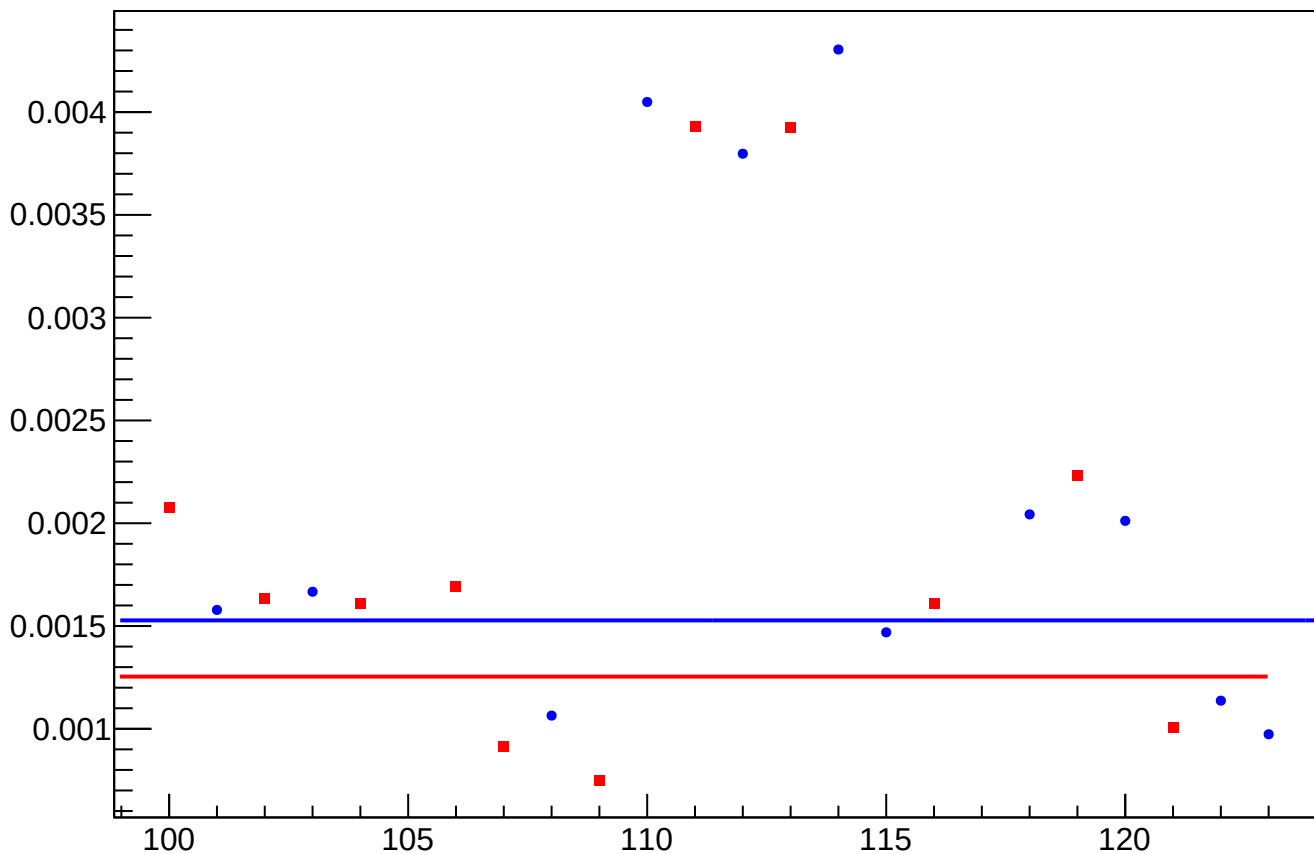
Right: -0.000+/-0.000 χ^2/NDF : 23.7/21

In: 0.000+/-0.000 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/21

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1131747.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1799602.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

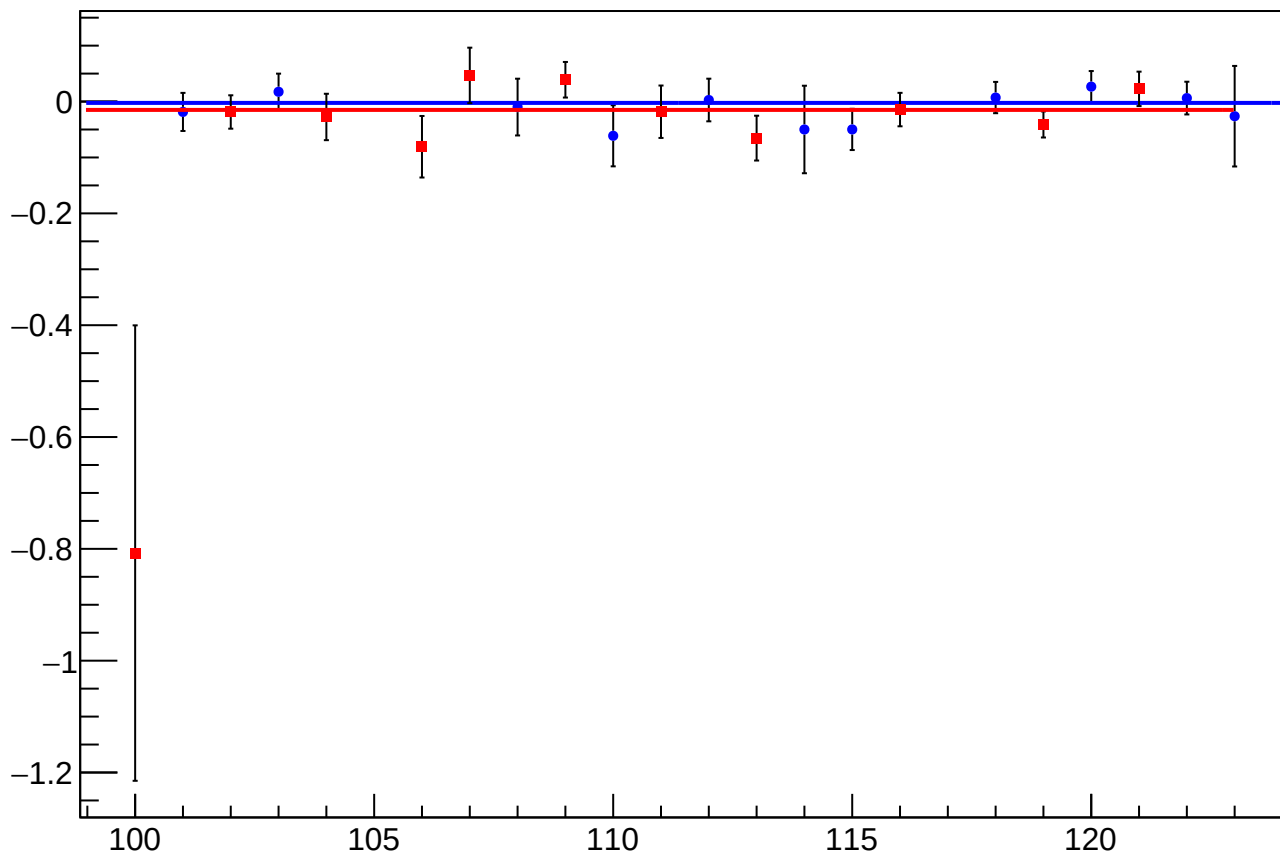
Right: 0.001+/-0.000 χ^2/NDF : 3067566.9/21

In: 0.002+/-0.000 χ^2/NDF :1131747.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3067566.9/21

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.011 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.011 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

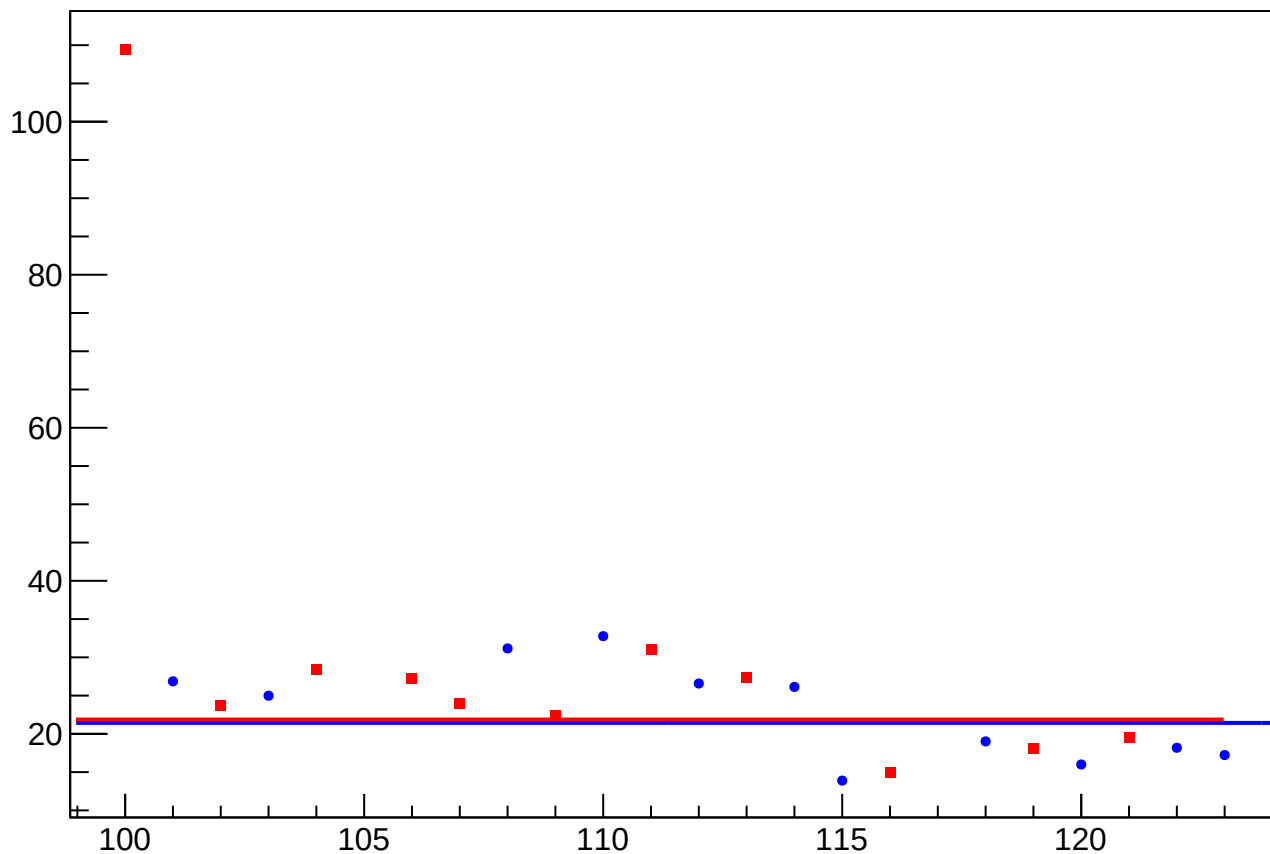
Right: -0.009 $\pm$ 0.008 χ^2 /NDF: 19.9/21

In: -0.002 $\pm$ 0.011 χ^2 /NDF:5.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.008 χ^2 /NDF: 19.9/21

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.433+/-0.008 χ^2/NDF : 481467.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.872+/-0.008 χ^2/NDF : 452398.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

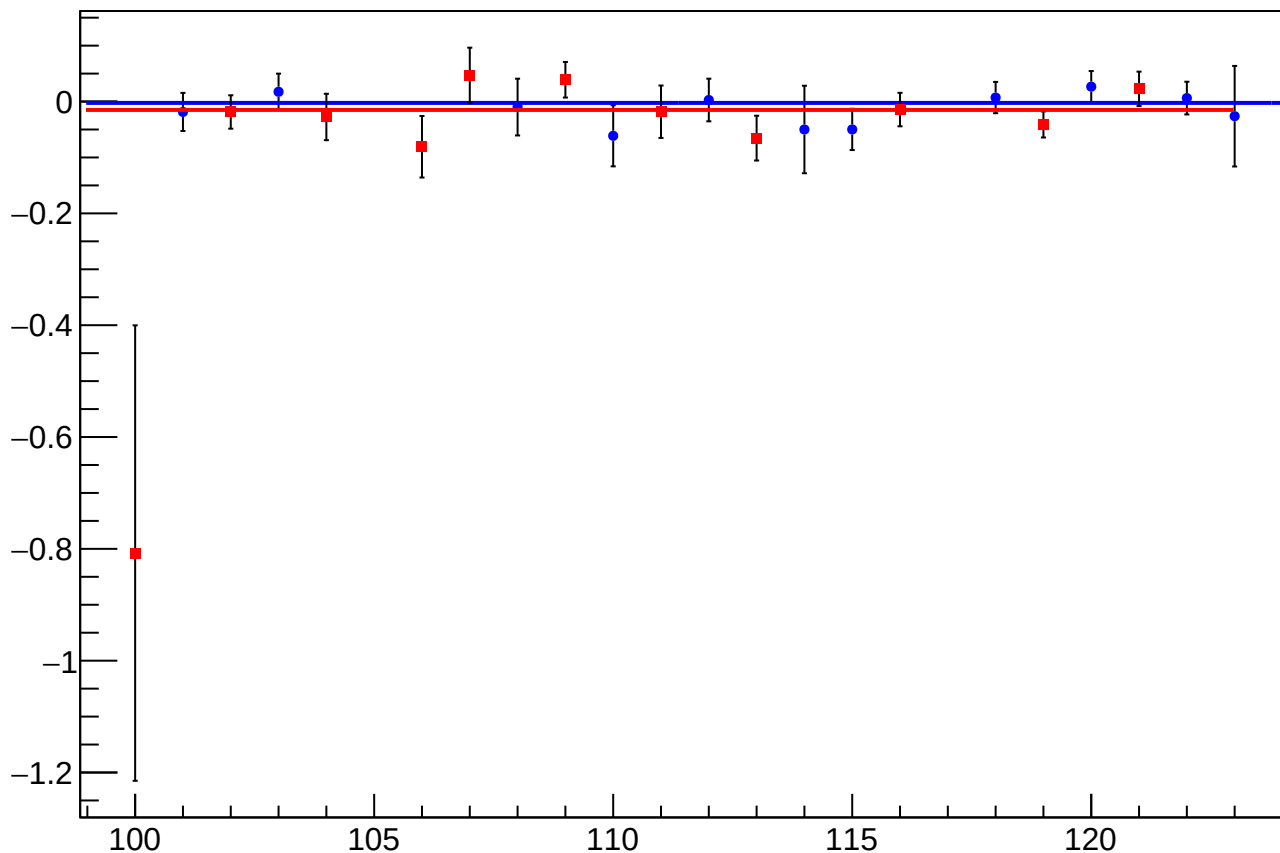
Right: 21.660+/-0.006 χ^2/NDF : 935452.2/21

In: 21.433+/-0.008 χ^2/NDF : 481467.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.660+/-0.006 χ^2/NDF : 935452.2/21

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.011 $\chi^2/\text{NDF}: 5.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.011 $\chi^2/\text{NDF}: 14.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

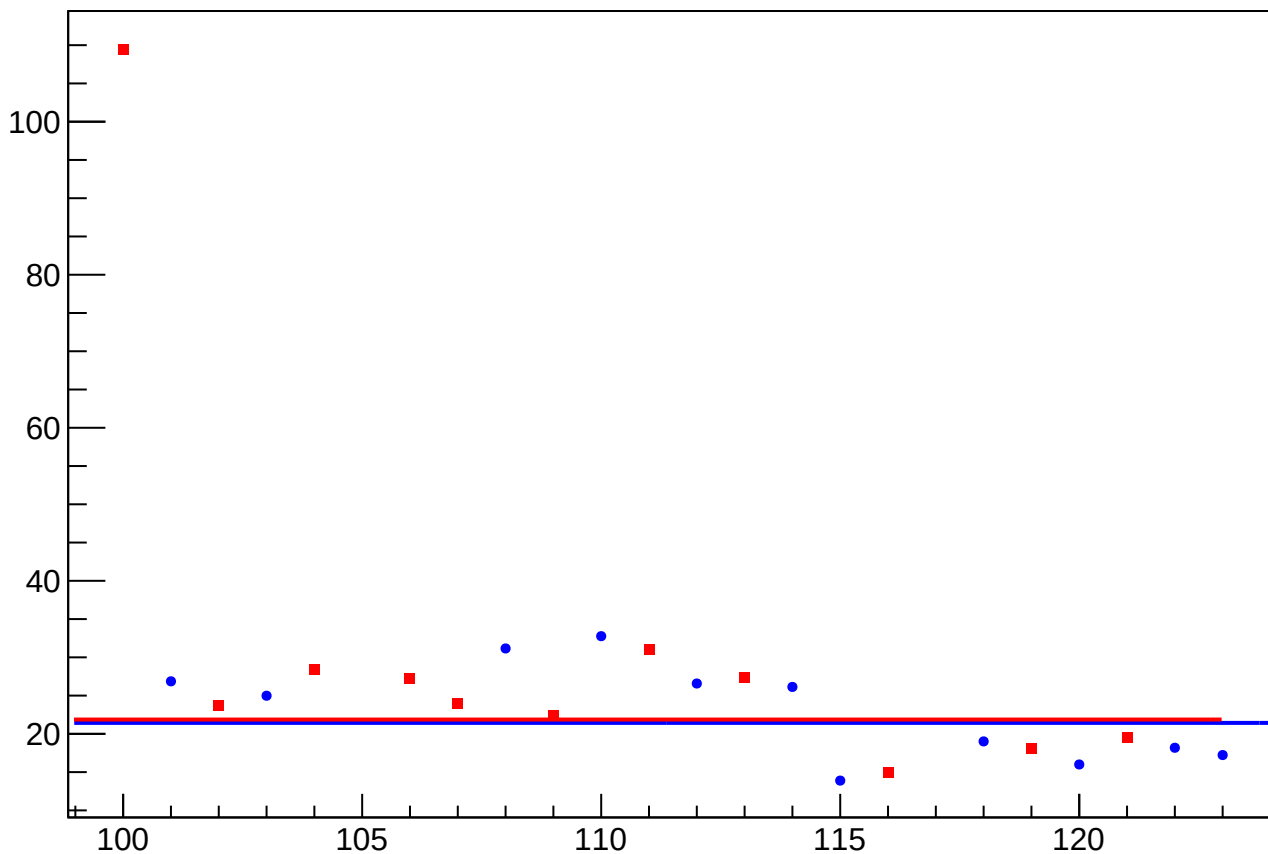
Right: -0.009 ± 0.008 $\chi^2/\text{NDF}: 19.9/21$

In: -0.002 ± 0.011 $\chi^2/\text{NDF}: 5.2/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.008 $\chi^2/\text{NDF}: 19.9/21$

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.433+/-0.008 χ^2/NDF : 481467.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.872+/-0.008 χ^2/NDF : 452398.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

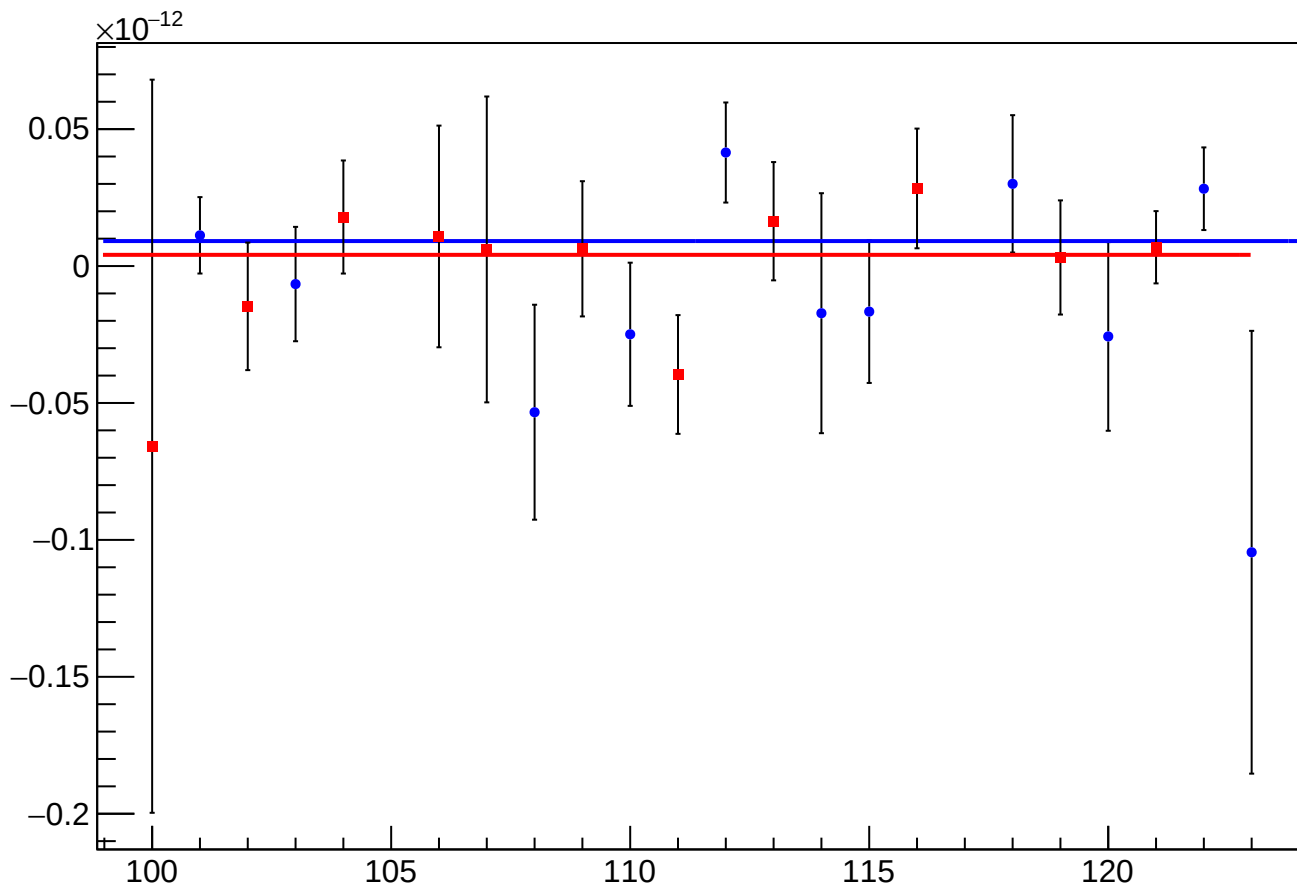
Right: 21.660+/-0.006 χ^2/NDF : 935452.2/21

In: 21.433+/-0.008 χ^2/NDF : 481467.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.660+/-0.006 χ^2/NDF : 935452.2/21

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/10

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

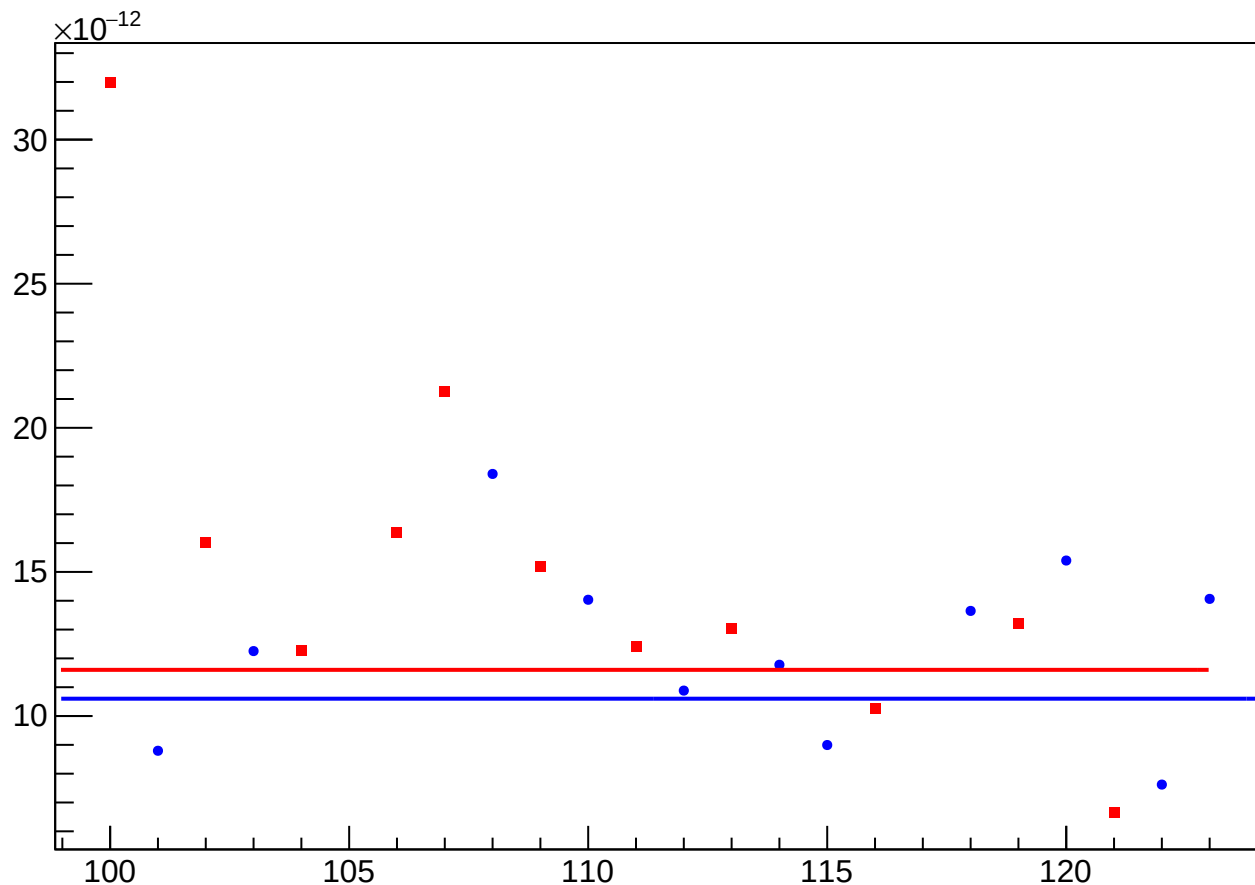
Right: 0.000+/-0.000 χ^2/NDF : 21.9/21

In: 0.000+/-0.000 χ^2/NDF : 14.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.9/21

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 318950.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 562905.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

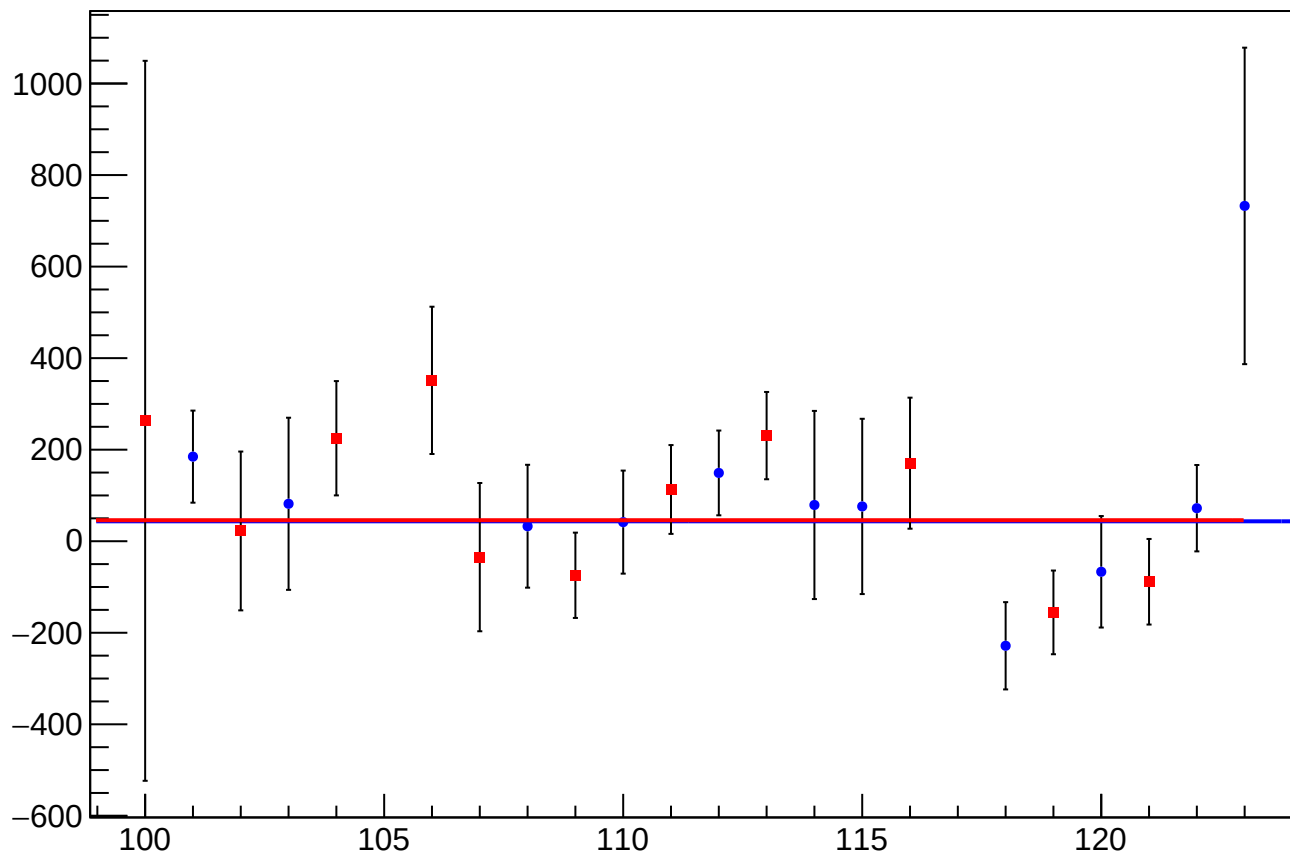
Right: 0.000+/-0.000 χ^2/NDF : 903259.0/21

In: 0.000+/-0.000 χ^2/NDF : 318950.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 903259.0/21

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 43.506+/-37.082 χ^2/NDF : 16.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.896+/-35.582 χ^2/NDF : 19.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

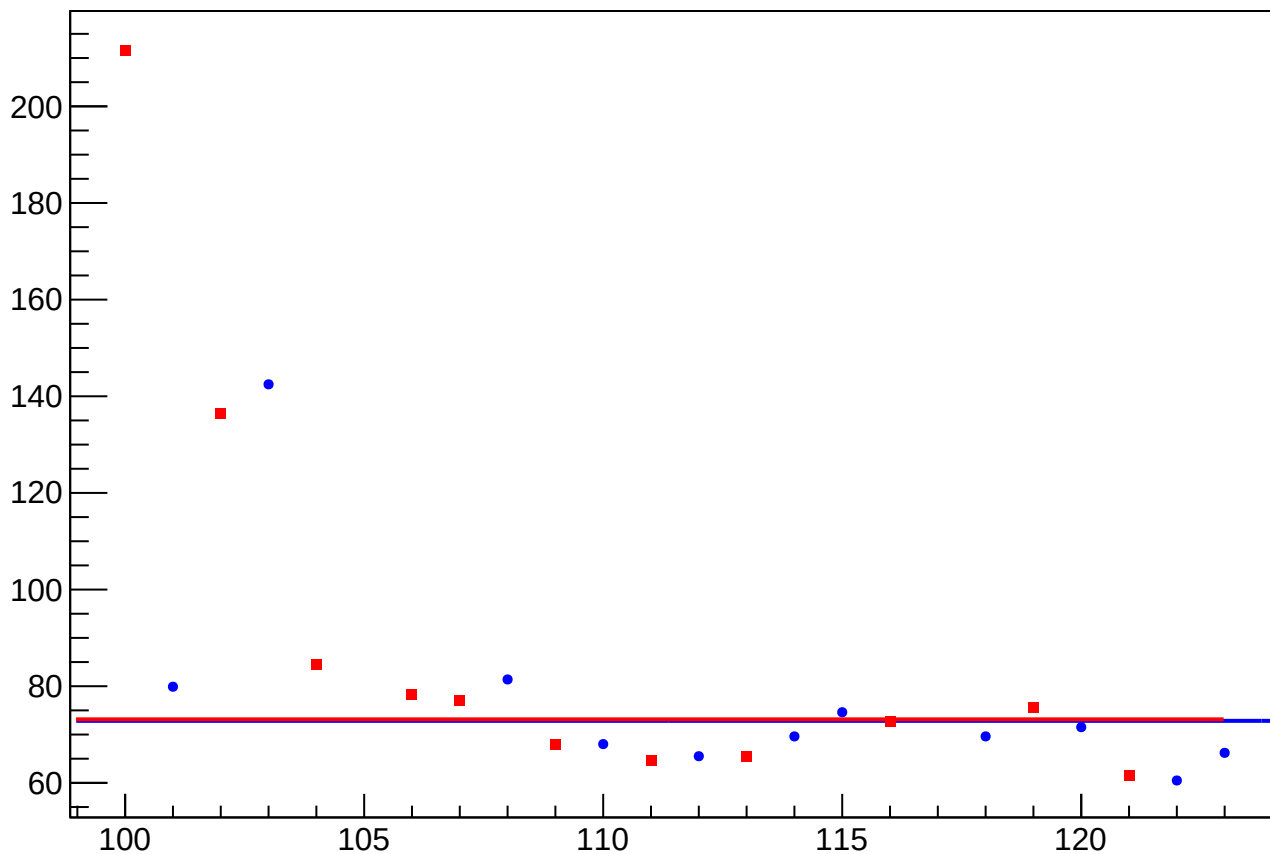
Right: 44.750+/-25.674 χ^2/NDF : 36.0/21

In: 43.506+/-37.082 χ^2/NDF : 16.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.750+/-25.674 χ^2/NDF : 36.0/21

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.834+/-0.026 χ^2/NDF : 346541.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.143+/-0.025 χ^2/NDF : 414518.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

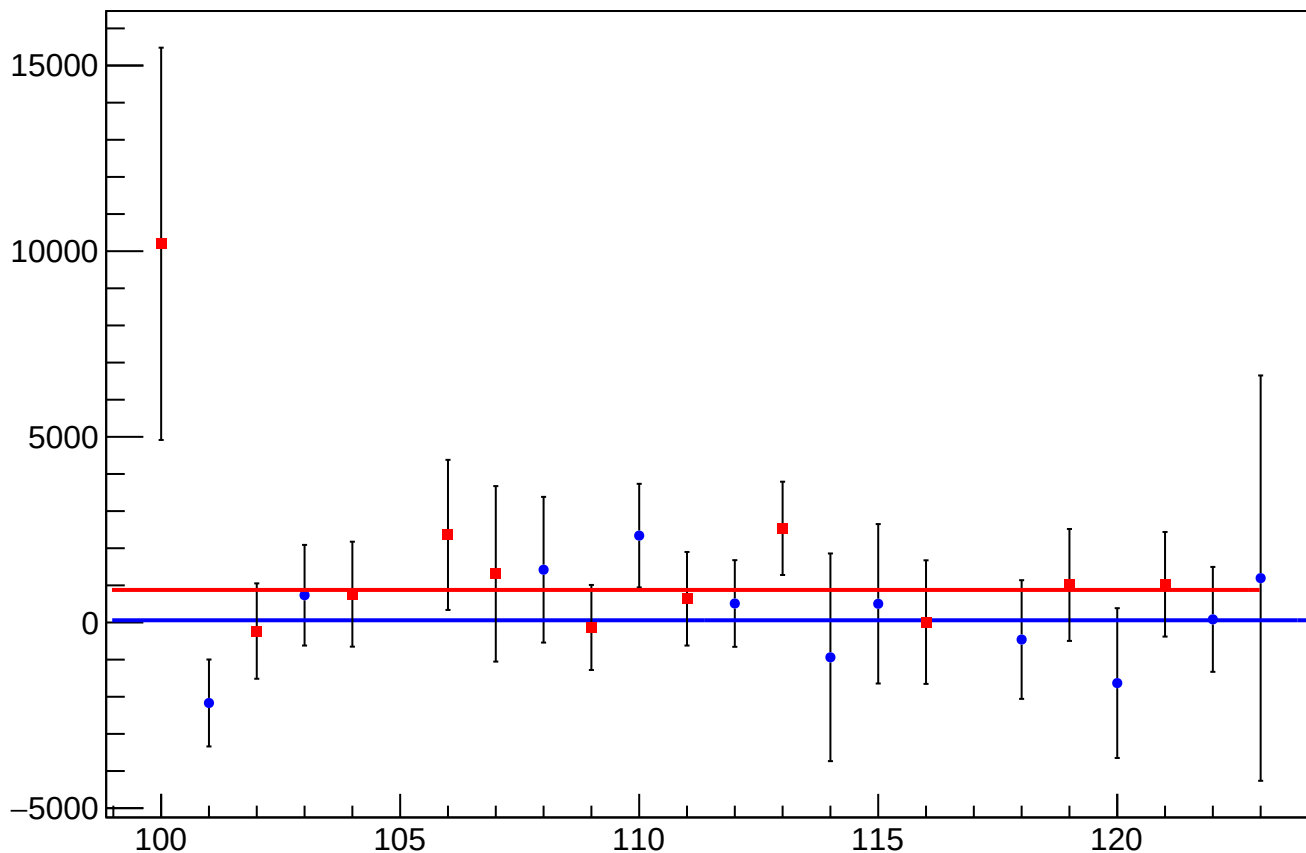
Right: 72.995+/-0.018 χ^2/NDF : 761132.9/21

In: 72.834+/-0.026 χ^2/NDF : 346541.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.995+/-0.018 χ^2/NDF : 761132.9/21

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 59.758+/-482.311 χ^2 /NDF: 8.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 876.837+/-451.872 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

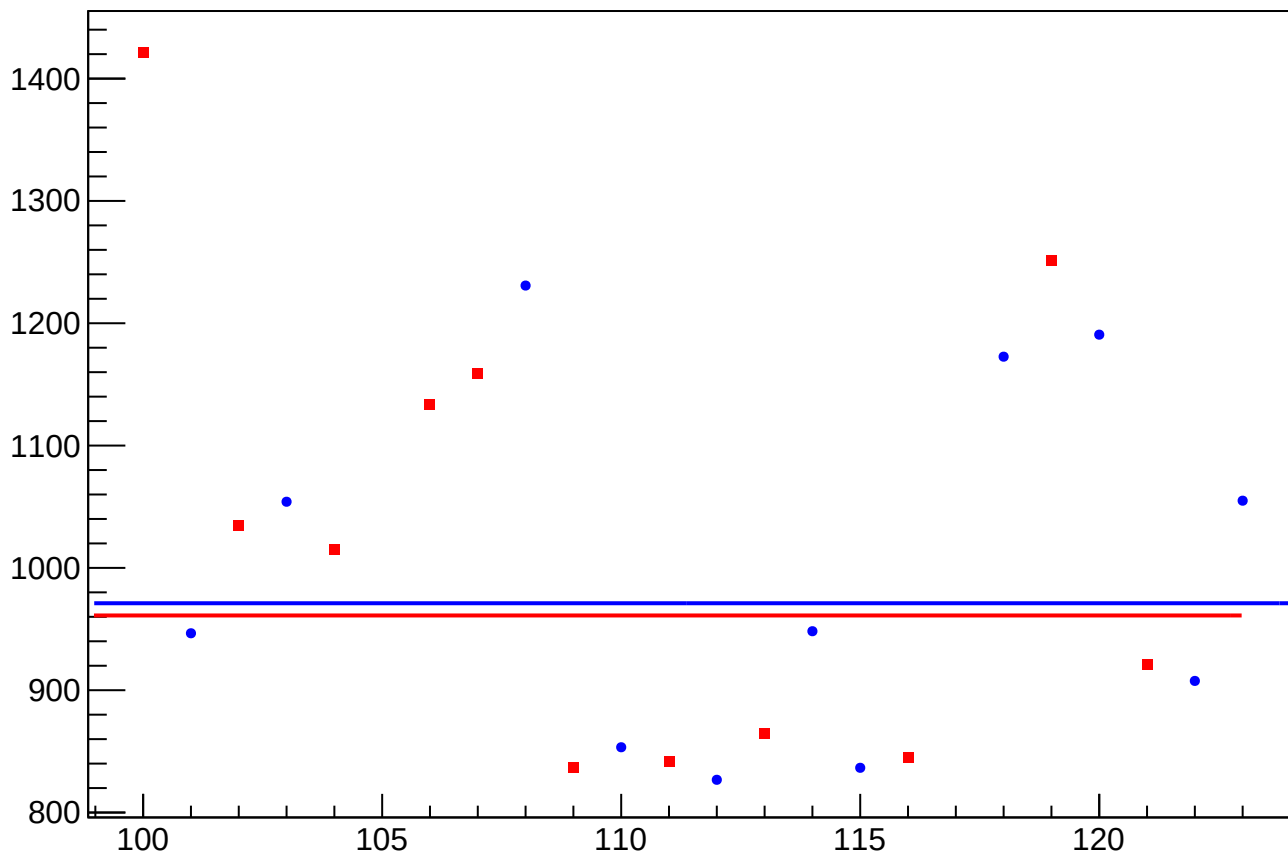
Right: 494.893+/-329.758 χ^2 /NDF: 17.0/21

In: 59.758+/-482.311 χ^2 /NDF:8.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 494.893+/-329.758 χ^2 /NDF: 17.0/21

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 971.095+/-0.341 χ^2/NDF : 156275.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 961.103+/-0.320 χ^2/NDF : 191943.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

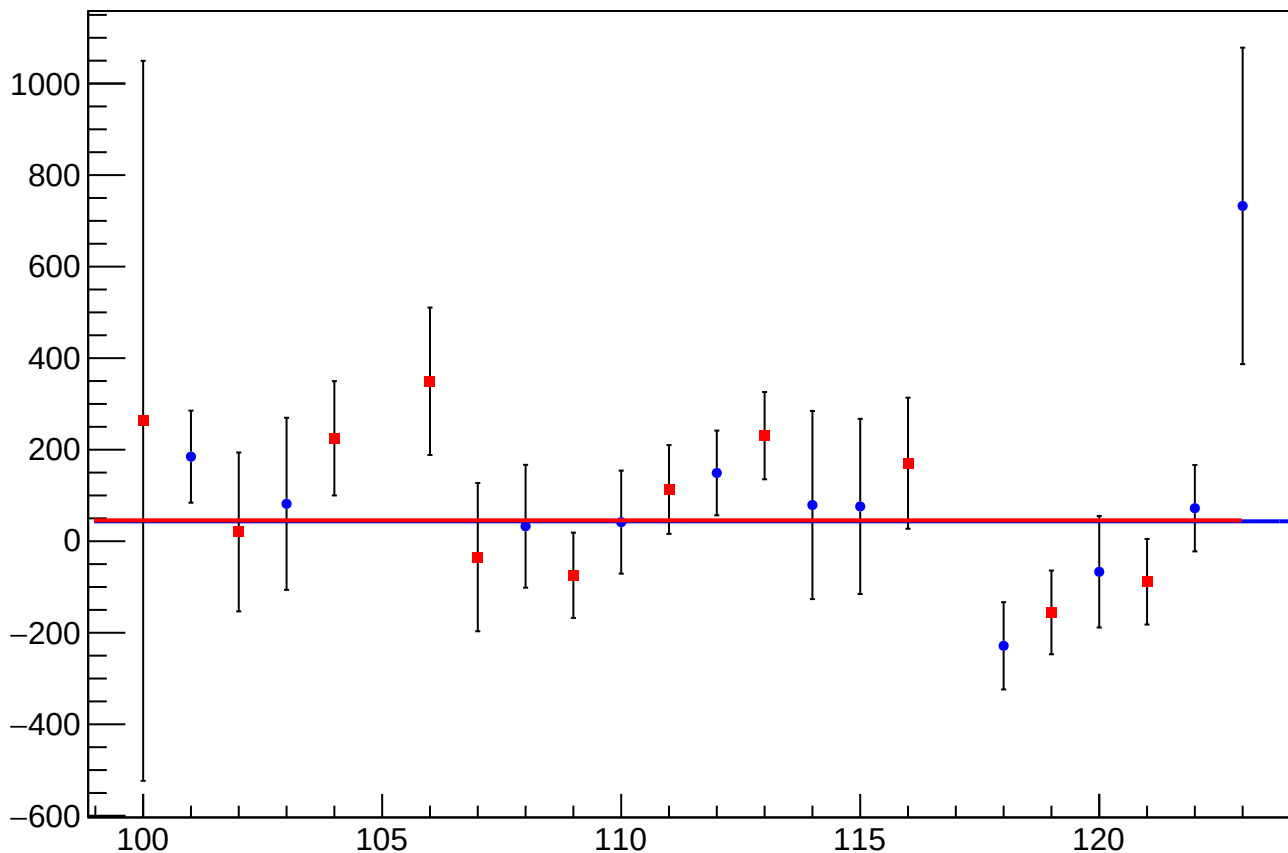
Right: 965.774+/-0.233 χ^2/NDF : 348676.3/21

In: 971.095+/-0.341 χ^2/NDF :156275.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 965.774+/-0.233 χ^2/NDF : 348676.3/21

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 43.497+/-37.082 χ^2/NDF : 16.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.675+/-35.585 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

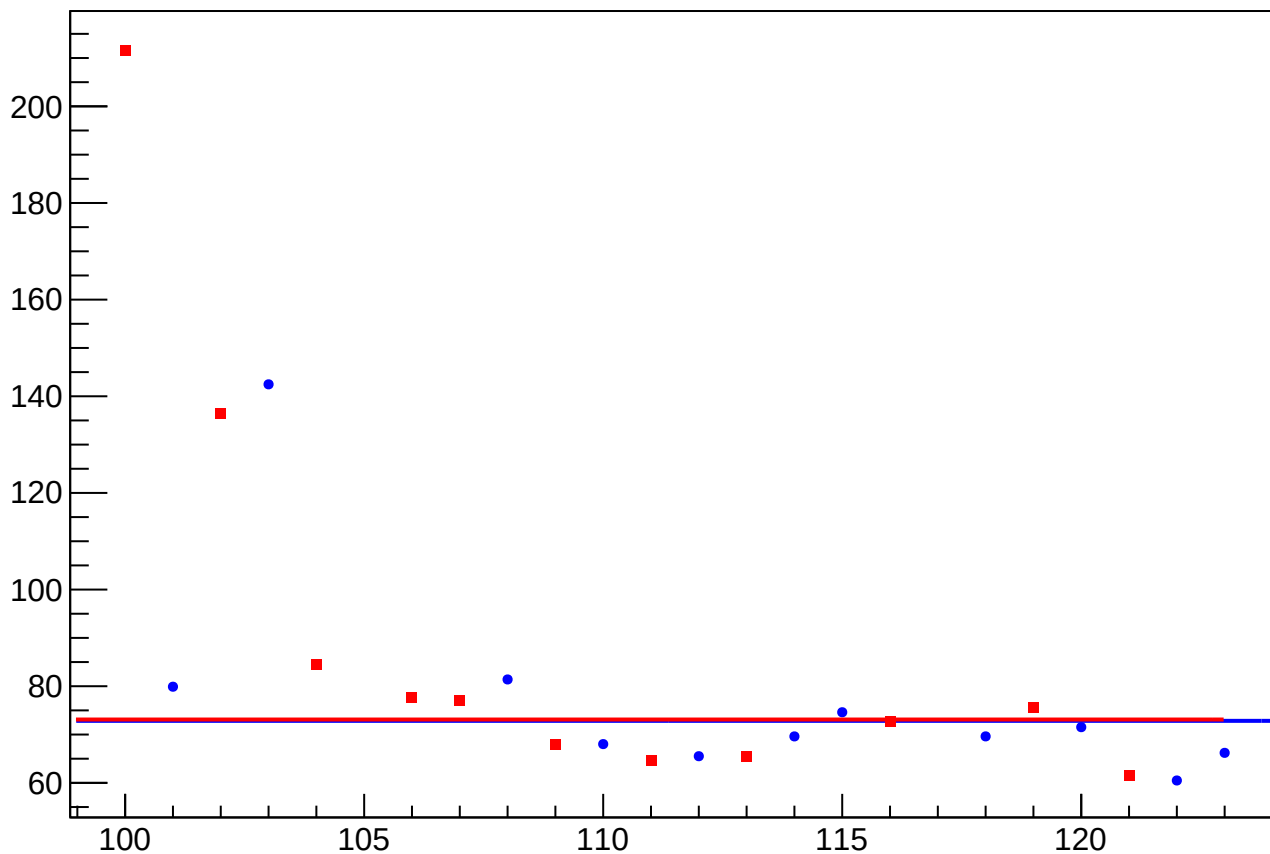
Right: 44.631+/-25.675 χ^2/NDF : 35.9/21

In: 43.497+/-37.082 χ^2/NDF : 16.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.631+/-25.675 χ^2/NDF : 35.9/21

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.834+/-0.026 χ^2/NDF : 346544.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.108+/-0.025 χ^2/NDF : 414261.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

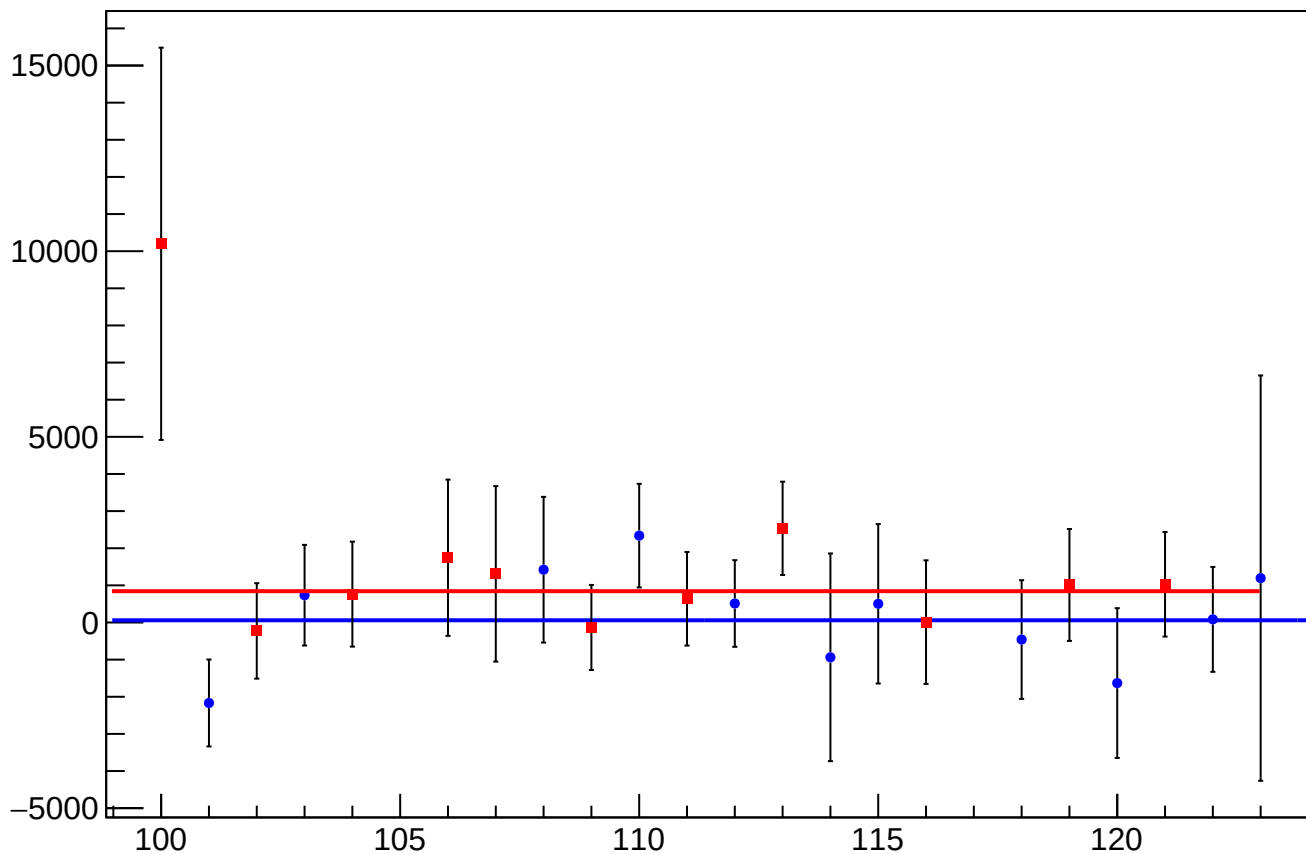
Right: 72.977+/-0.018 χ^2/NDF : 760862.9/21

In: 72.834+/-0.026 χ^2/NDF : 346544.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.977+/-0.018 χ^2/NDF : 760862.9/21

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 59.819+/-482.316 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.404+/-452.796 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

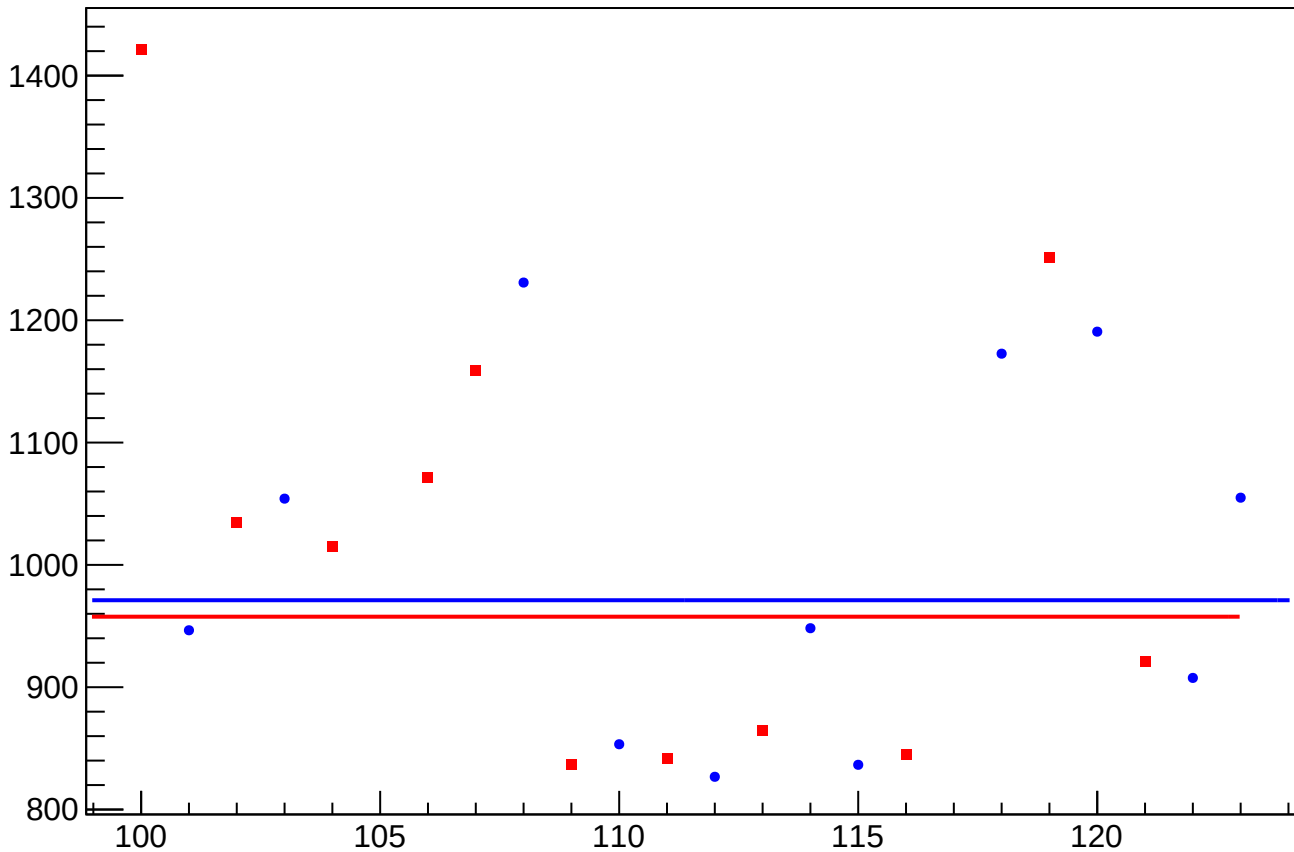
Right: 476.324+/-330.118 χ^2/NDF : 16.5/21

In: 59.819+/-482.316 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.324+/-330.118 χ^2/NDF : 16.5/21

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.104+/-0.341 χ^2/NDF : 156288.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.650+/-0.320 χ^2/NDF : 182931.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

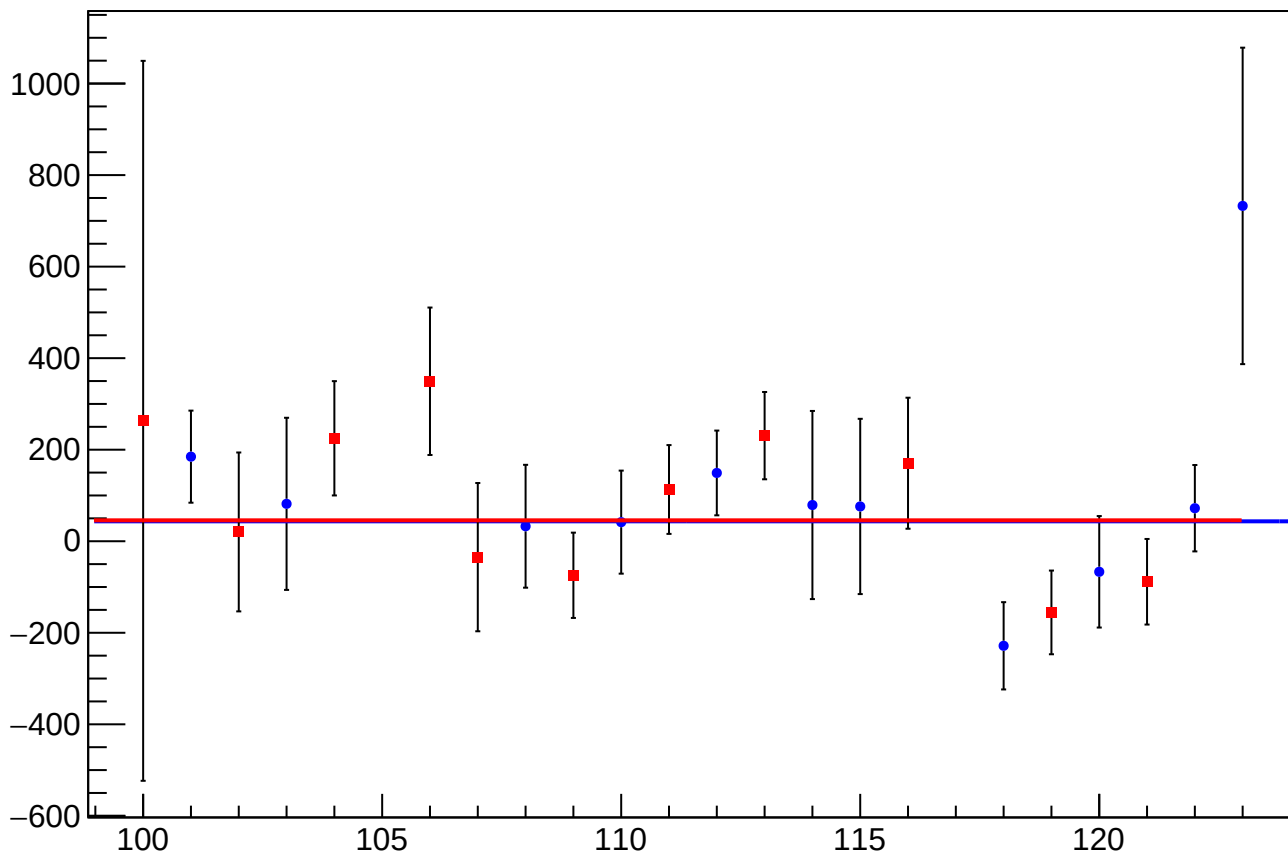
Right: 963.953+/-0.233 χ^2/NDF : 340047.8/21

In: 971.104+/-0.341 χ^2/NDF : 156288.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.953+/-0.233 χ^2/NDF : 340047.8/21

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 43.497+/-37.082 χ^2/NDF : 16.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.675+/-35.585 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

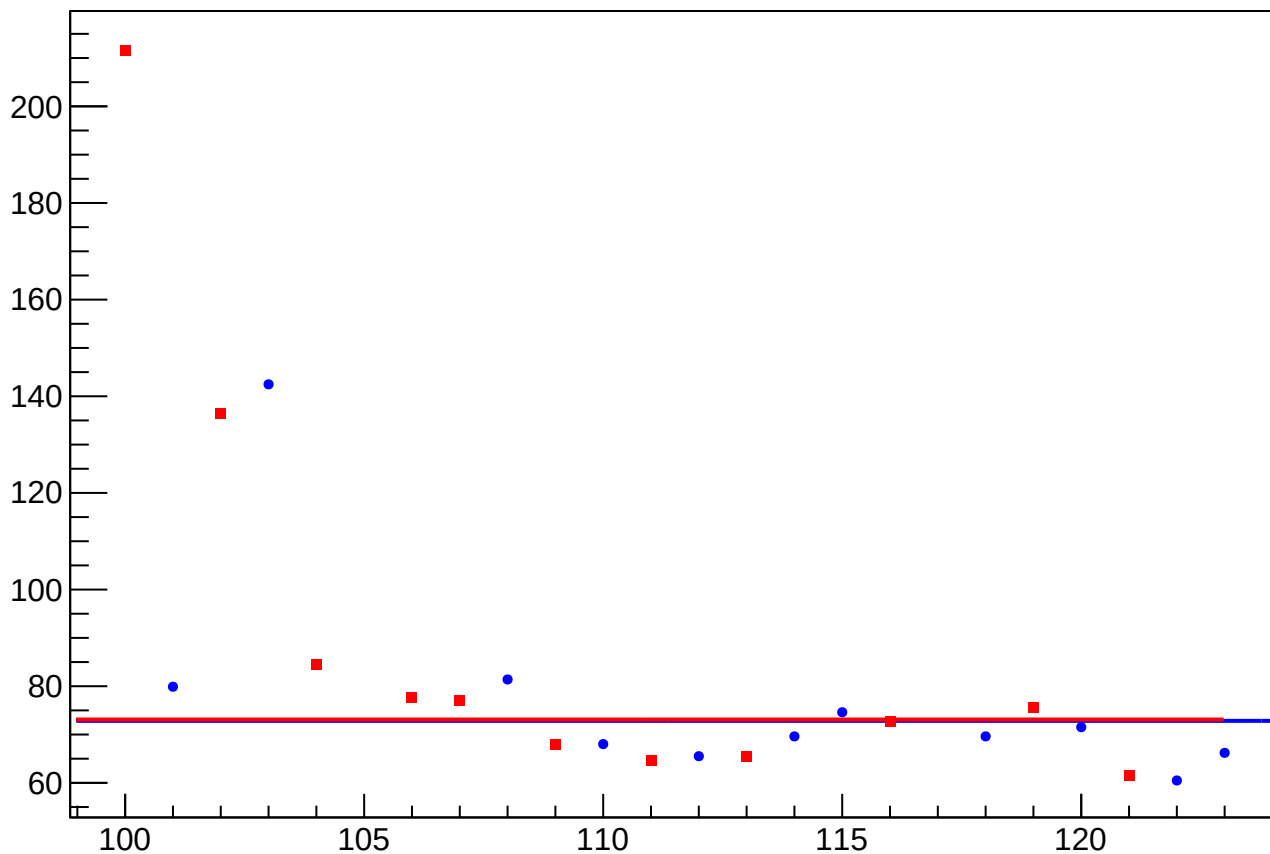
Right: 44.631+/-25.675 χ^2/NDF : 35.9/21

In: 43.497+/-37.082 χ^2/NDF : 16.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.631+/-25.675 χ^2/NDF : 35.9/21

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.834+/-0.026 χ^2/NDF : 346544.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.108+/-0.025 χ^2/NDF : 414261.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

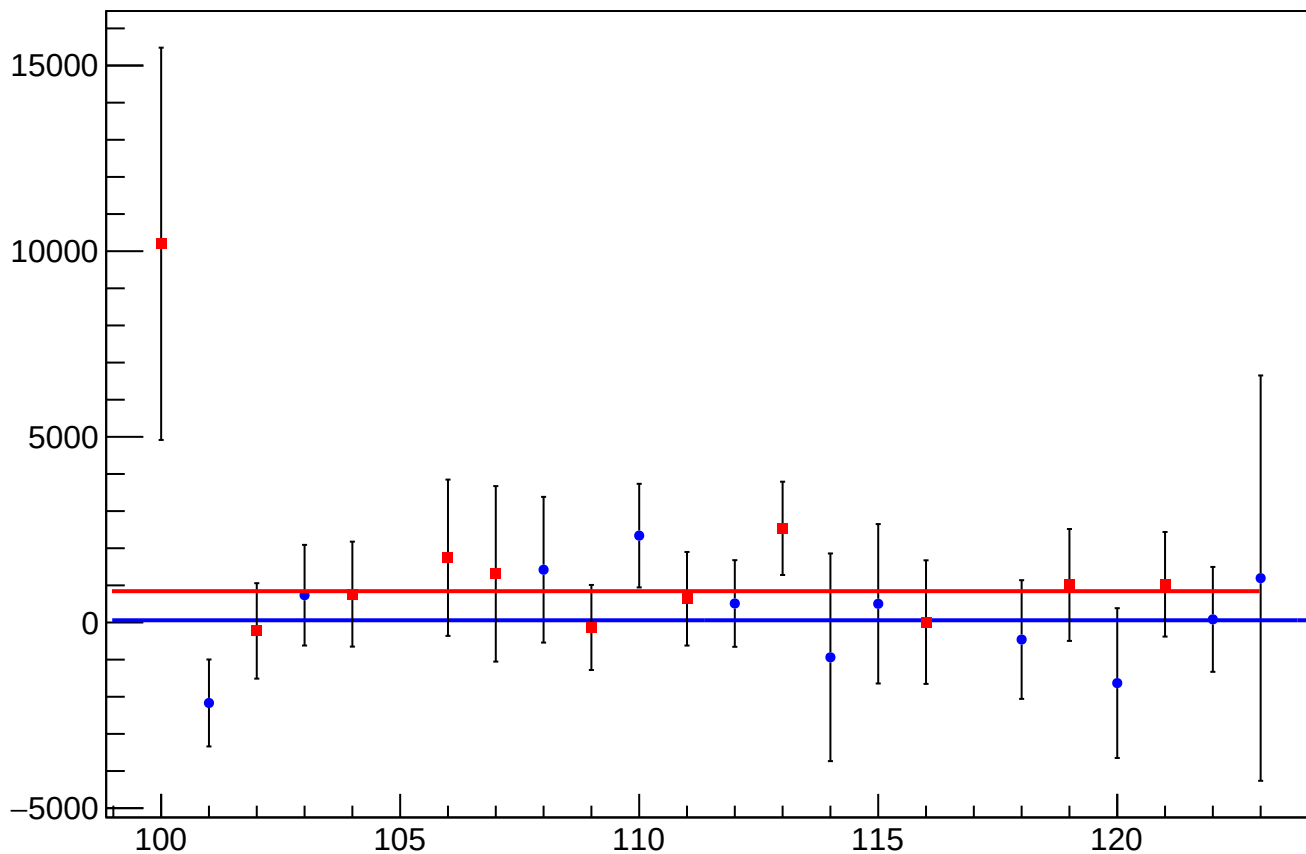
Right: 72.977+/-0.018 χ^2/NDF : 760862.9/21

In: 72.834+/-0.026 χ^2/NDF : 346544.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.977+/-0.018 χ^2/NDF : 760862.9/21

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 59.819+/-482.316 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.404+/-452.796 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

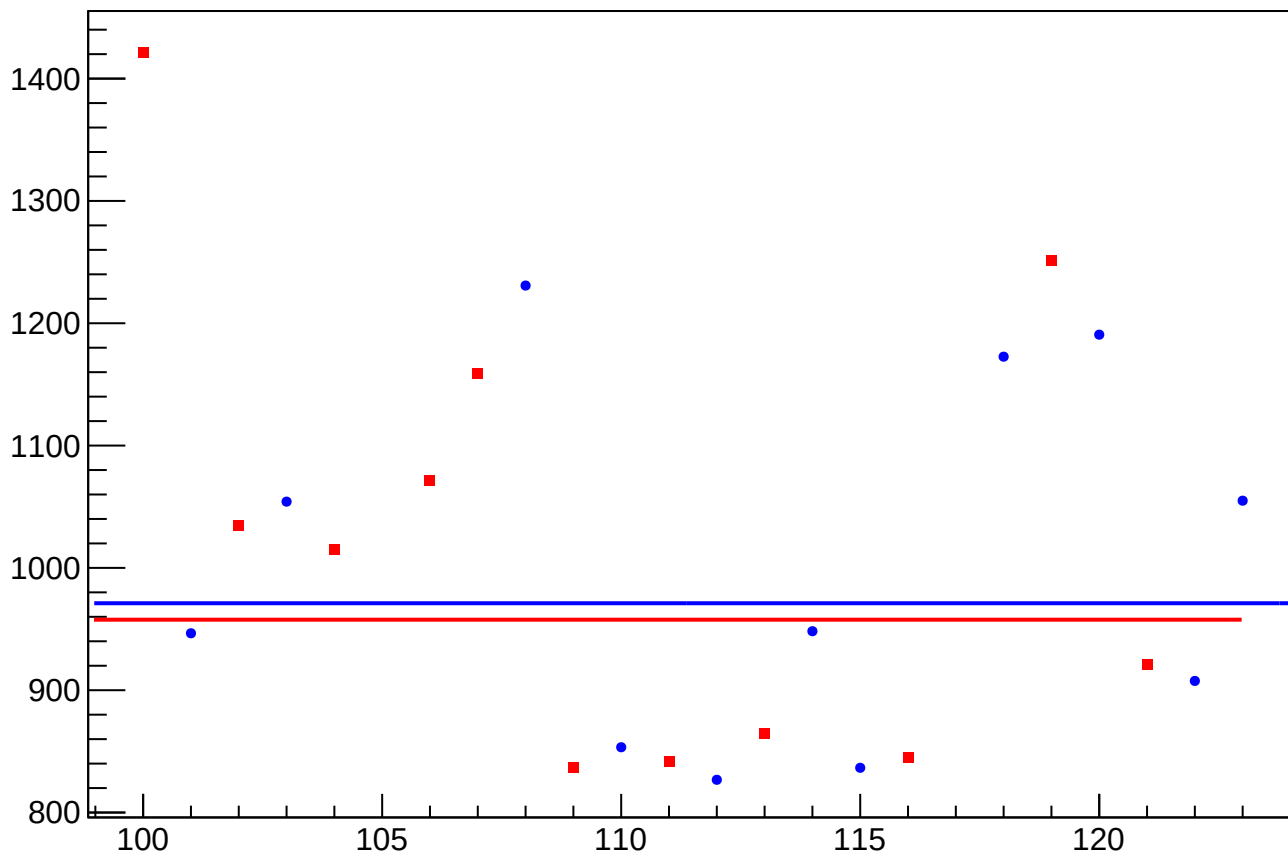
Right: 476.324+/-330.118 χ^2/NDF : 16.5/21

In: 59.819+/-482.316 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.324+/-330.118 χ^2/NDF : 16.5/21

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.104+/-0.341 χ^2/NDF : 156288.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.650+/-0.320 χ^2/NDF : 182931.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

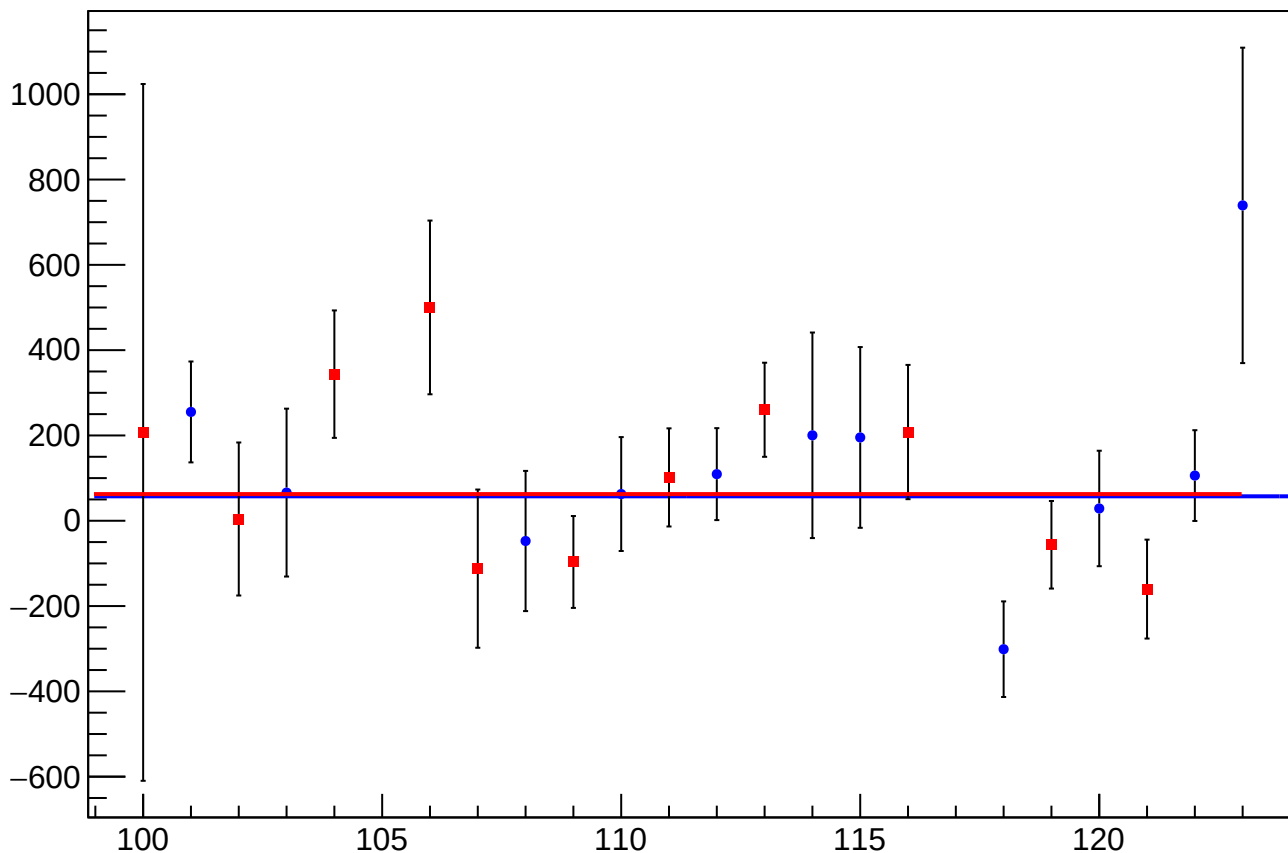
Right: 963.953+/-0.233 χ^2/NDF : 340047.8/21

In: 971.104+/-0.341 χ^2/NDF : 156288.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.953+/-0.233 χ^2/NDF : 340047.8/21

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 57.306 $\pm$ 42.805 χ^2 /NDF: 18.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.515 $\pm$ 41.379 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

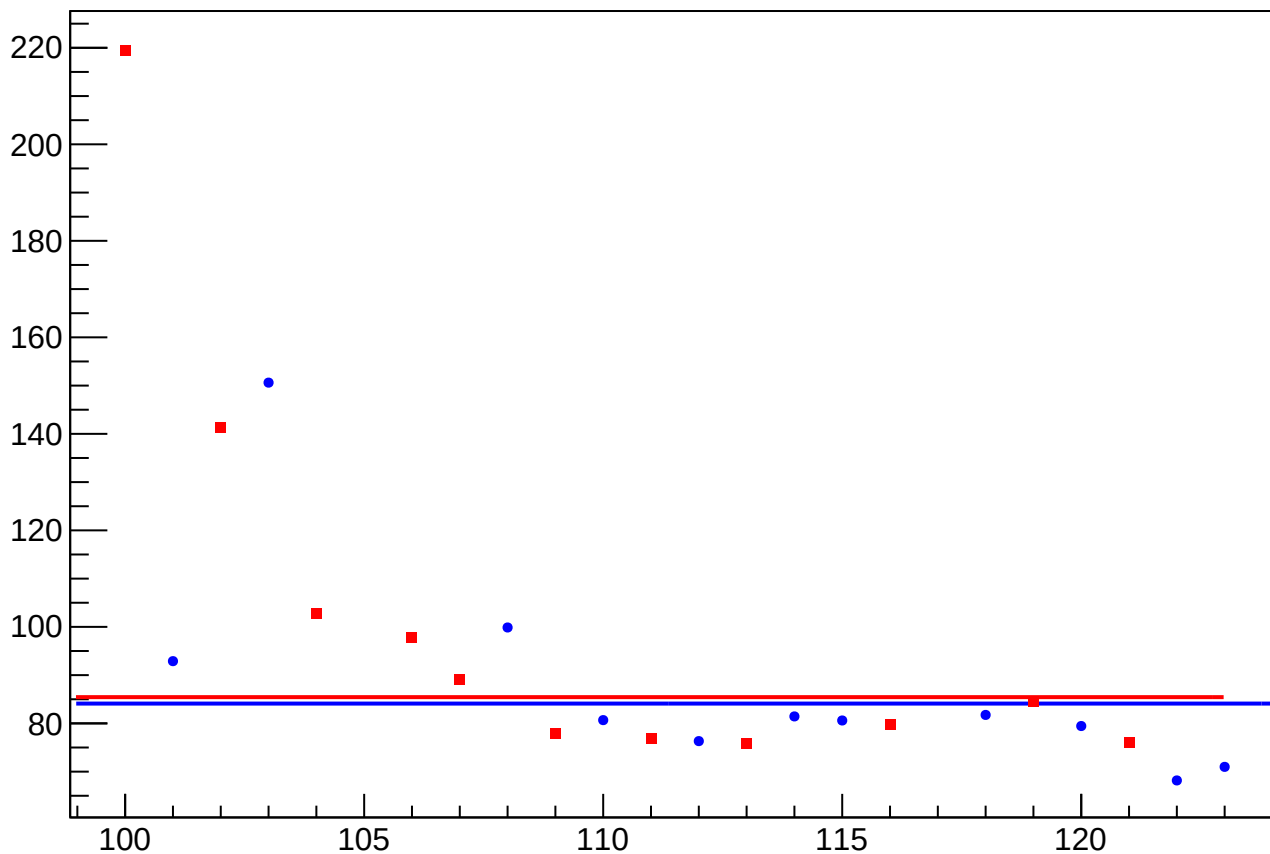
Right: 59.999 $\pm$ 29.751 χ^2 /NDF: 38.7/21

In: 57.306 $\pm$ 42.805 χ^2 /NDF:18.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.999 $\pm$ 29.751 χ^2 /NDF: 38.7/21

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 84.105+/-0.030 χ^2/NDF : 320942.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.438+/-0.029 χ^2/NDF : 334714.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

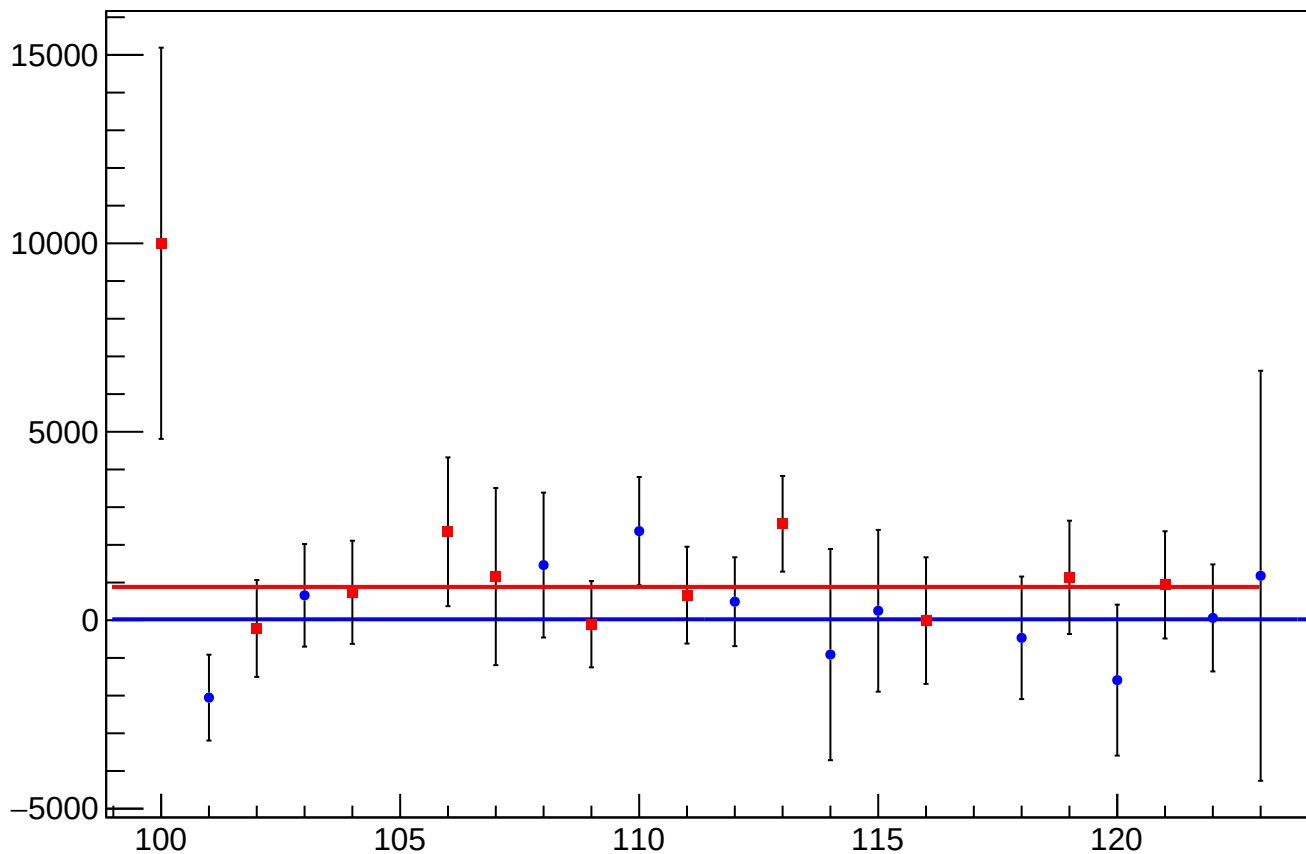
Right: 84.794+/-0.021 χ^2/NDF : 656659.7/21

In: 84.105+/-0.030 χ^2/NDF : 320942.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.794+/-0.021 χ^2/NDF : 656659.7/21

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 24.677+/-482.977 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 882.773+/-452.005 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

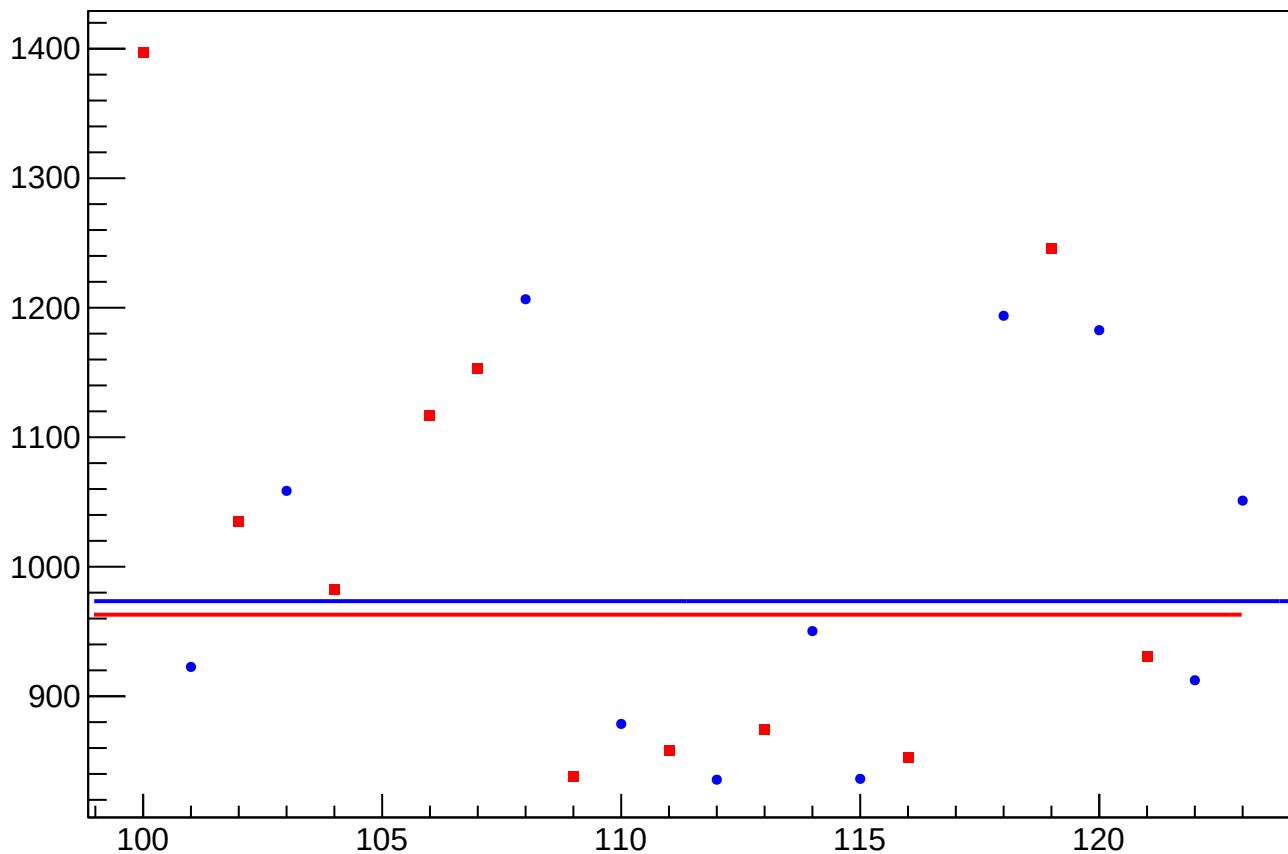
Right: 482.119+/-330.023 χ^2/NDF : 16.7/21

In: 24.677+/-482.977 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.119+/-330.023 χ^2/NDF : 16.7/21

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 973.416+/-0.342 χ^2/NDF : 148279.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 962.995+/-0.320 χ^2/NDF : 173555.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

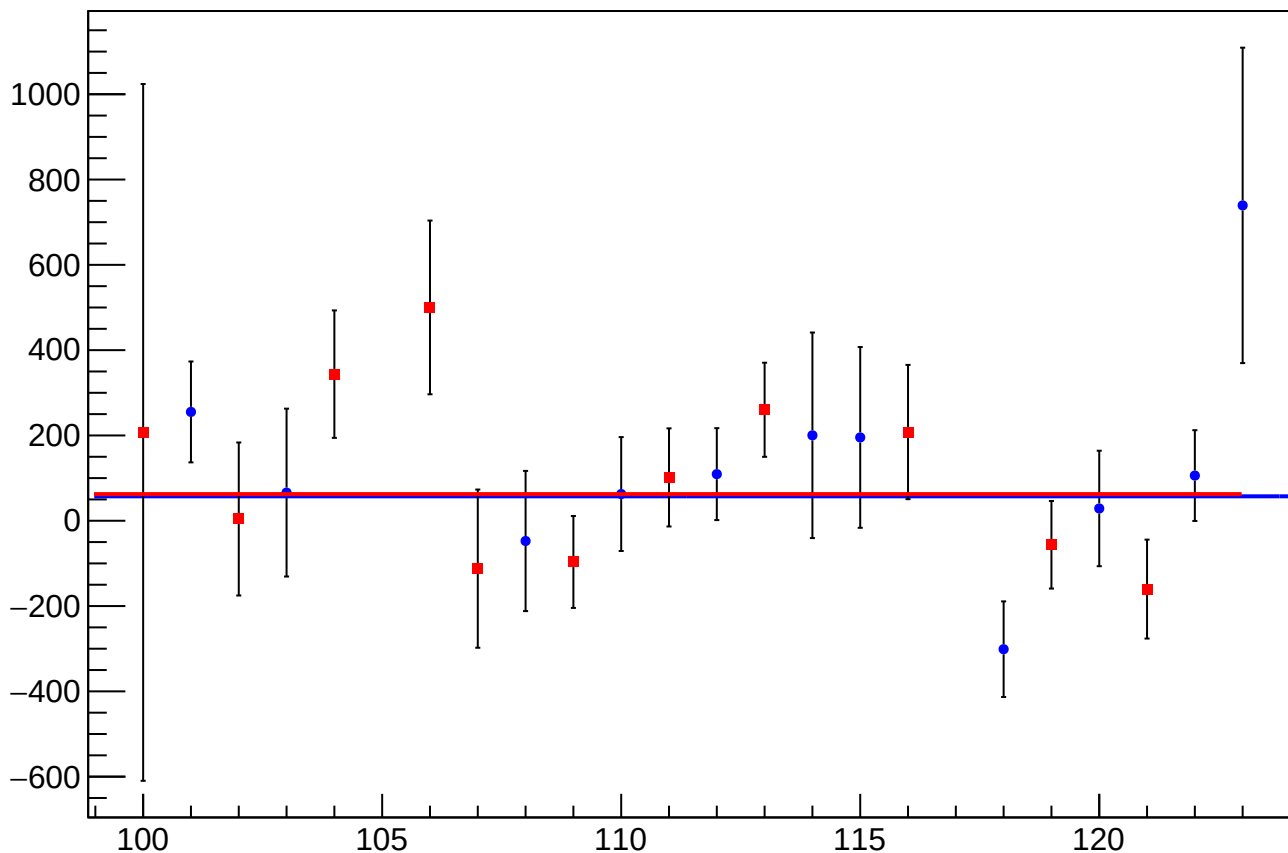
Right: 967.860+/-0.233 χ^2/NDF : 322330.9/21

In: 973.416+/-0.342 χ^2/NDF :148279.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 967.860+/-0.233 χ^2/NDF : 322330.9/21

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 57.304+/-42.805 χ^2/NDF : 18.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.513+/-41.379 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

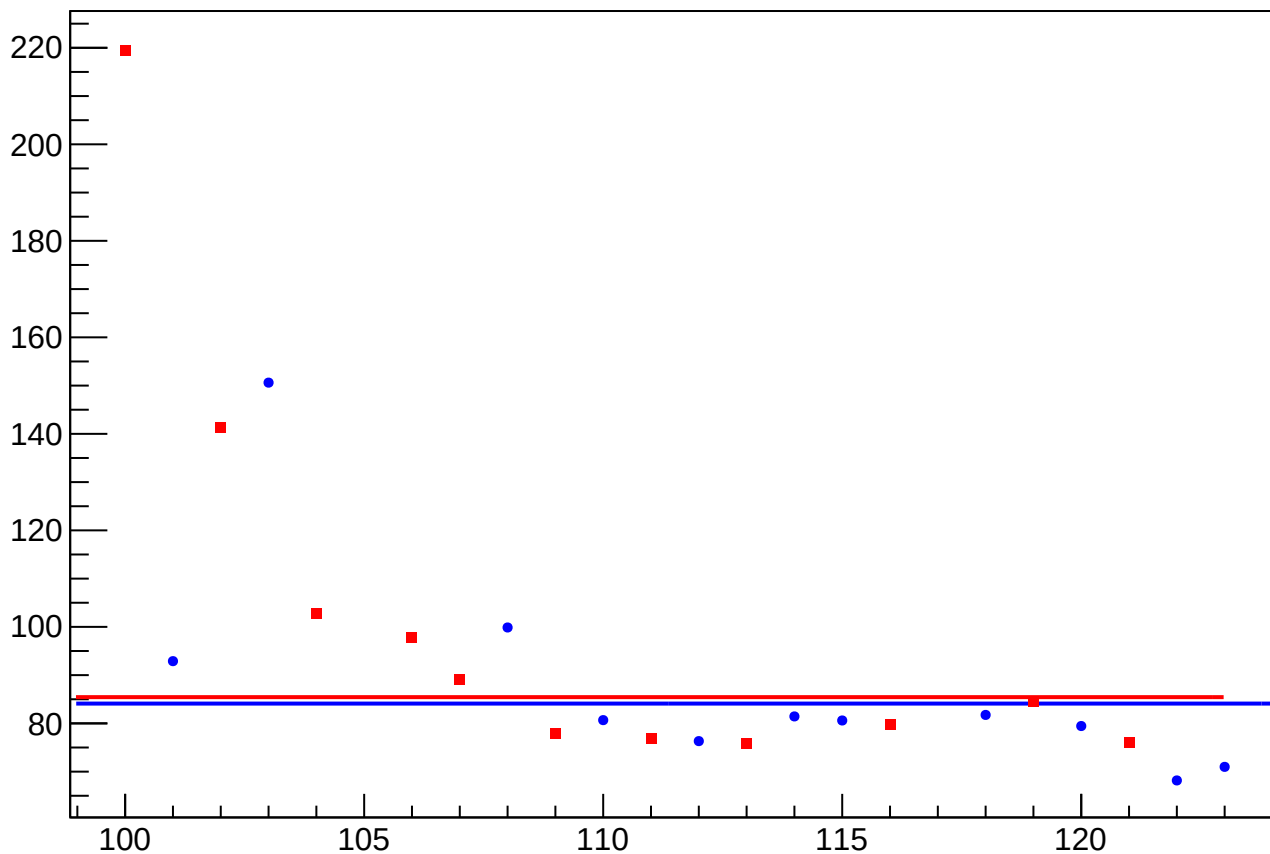
Right: 59.997+/-29.751 χ^2/NDF : 38.7/21

In: 57.304+/-42.805 χ^2/NDF : 18.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.997+/-29.751 χ^2/NDF : 38.7/21

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 84.105+/-0.030 χ^2/NDF : 320945.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.438+/-0.029 χ^2/NDF : 334723.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

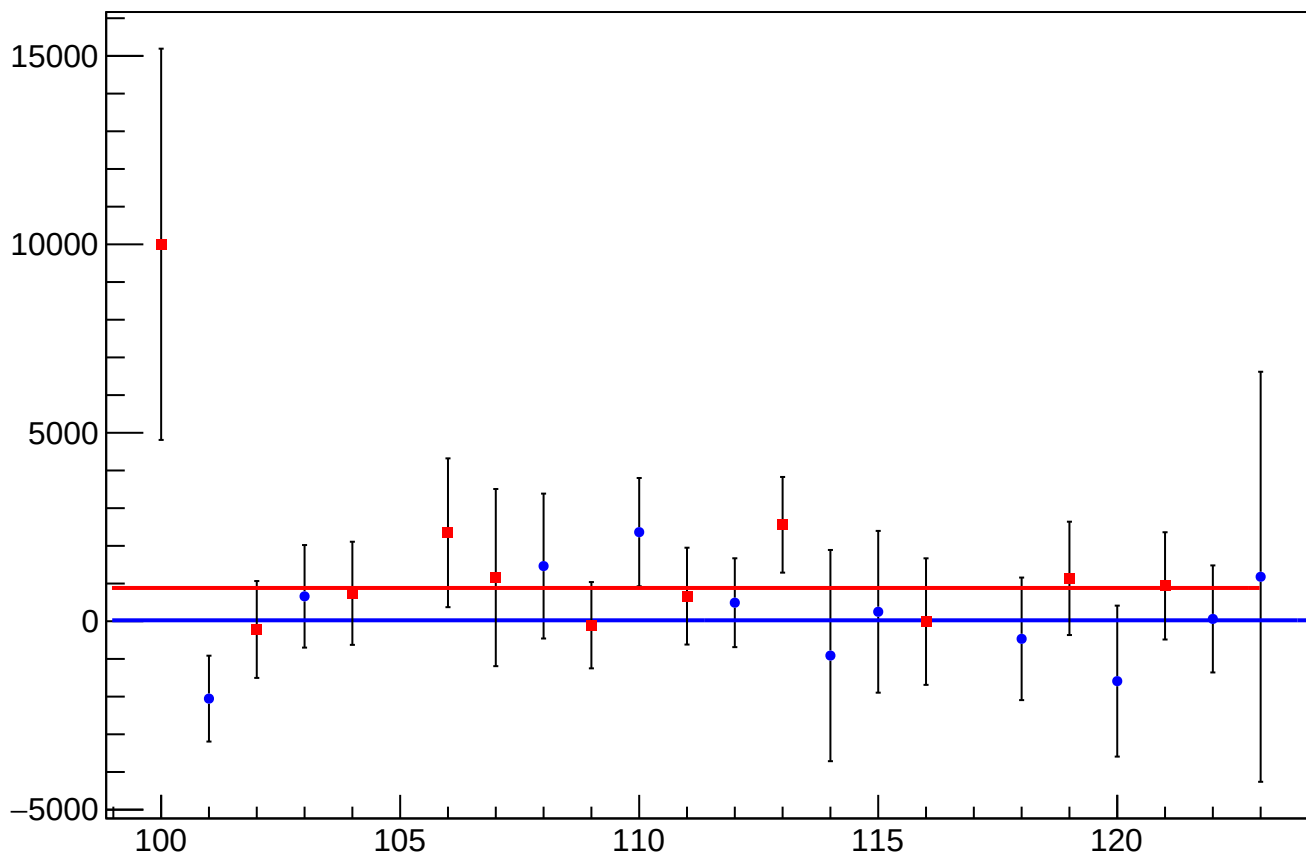
Right: 84.794+/-0.021 χ^2/NDF : 656671.5/21

In: 84.105+/-0.030 χ^2/NDF : 320945.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.794+/-0.021 χ^2/NDF : 656671.5/21

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 24.678+/-482.976 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 882.771+/-452.004 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

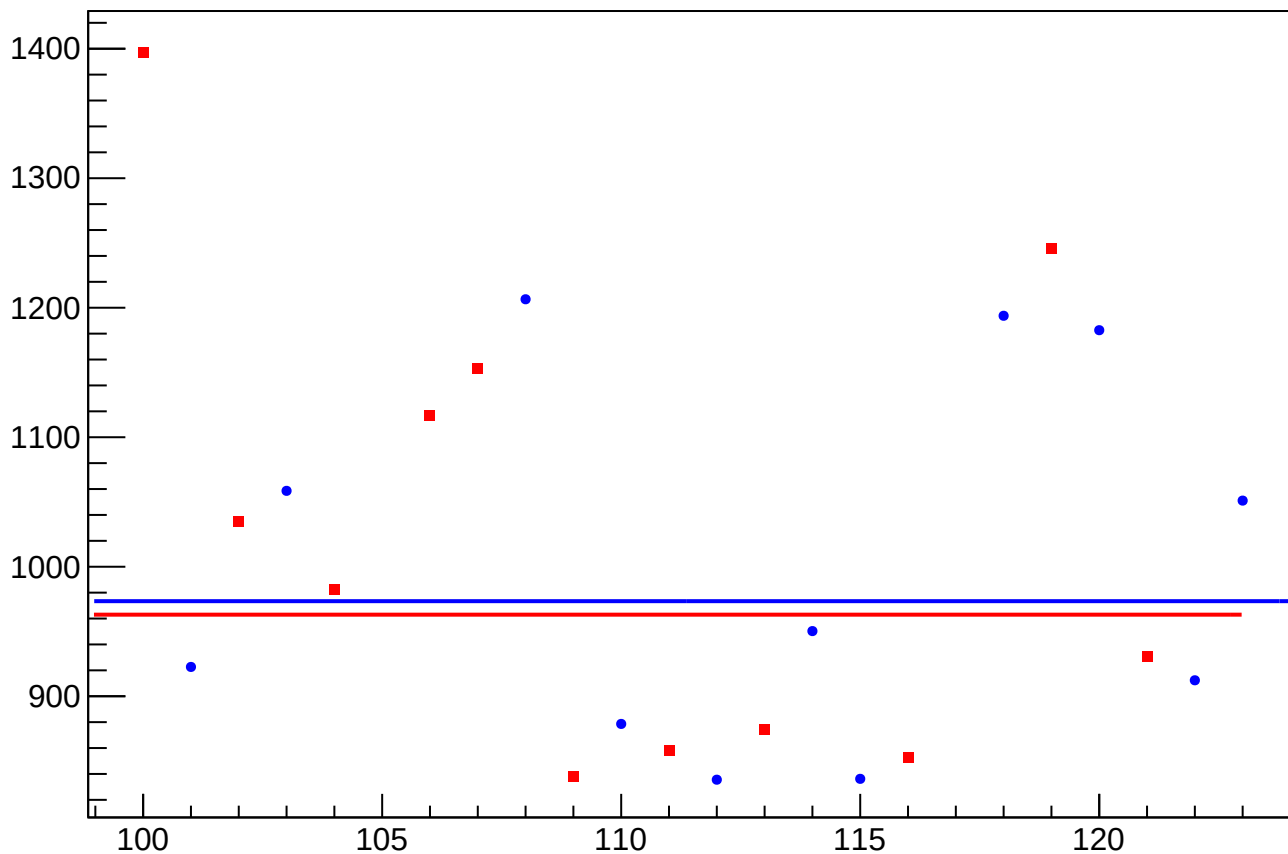
Right: 482.118+/-330.022 χ^2/NDF : 16.7/21

In: 24.678+/-482.976 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.118+/-330.022 χ^2/NDF : 16.7/21

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 973.413+/-0.342 χ^2/NDF : 148281.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.992+/-0.320 χ^2/NDF : 173557.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

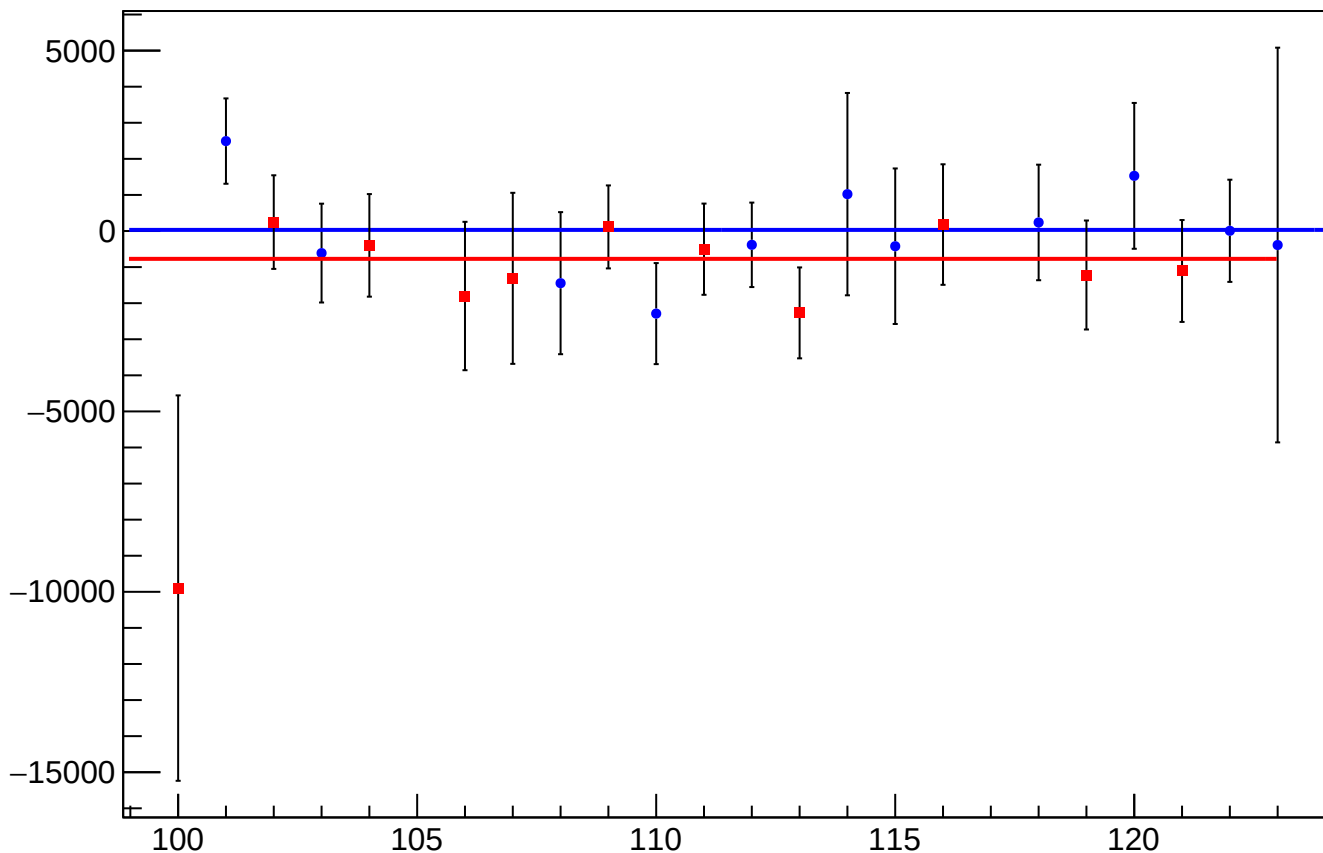
Right: 967.858+/-0.233 χ^2/NDF : 322335.9/21

In: 973.413+/-0.342 χ^2/NDF : 148281.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.858+/-0.233 χ^2/NDF : 322335.9/21

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 31.011+/-484.783 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -771.552+/-454.142 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

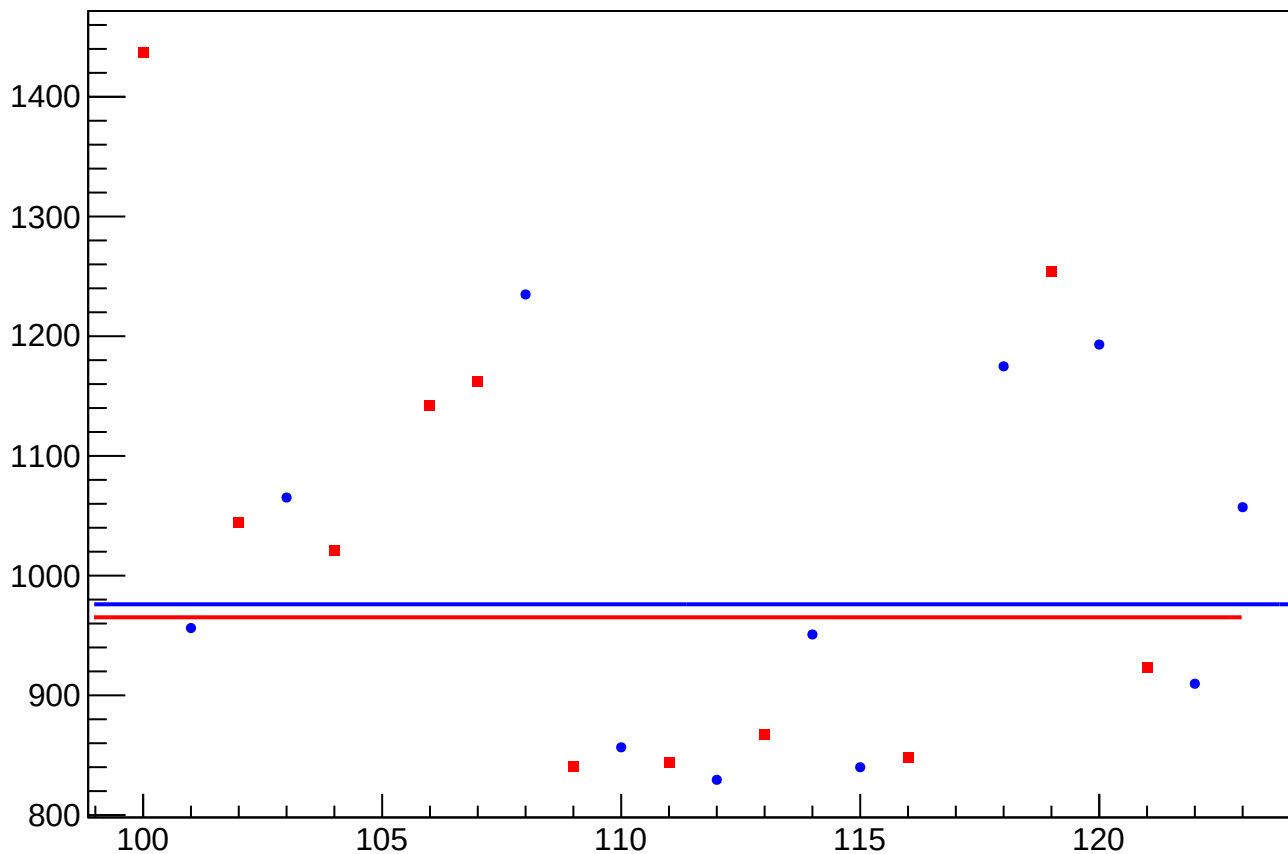
Right: -396.433+/-331.430 χ^2/NDF : 16.6/21

In: 31.011+/-484.783 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.433+/-331.430 χ^2/NDF : 16.6/21

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 976.057+/-0.343 χ^2/NDF : 156395.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 965.197+/-0.321 χ^2/NDF : 193349.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

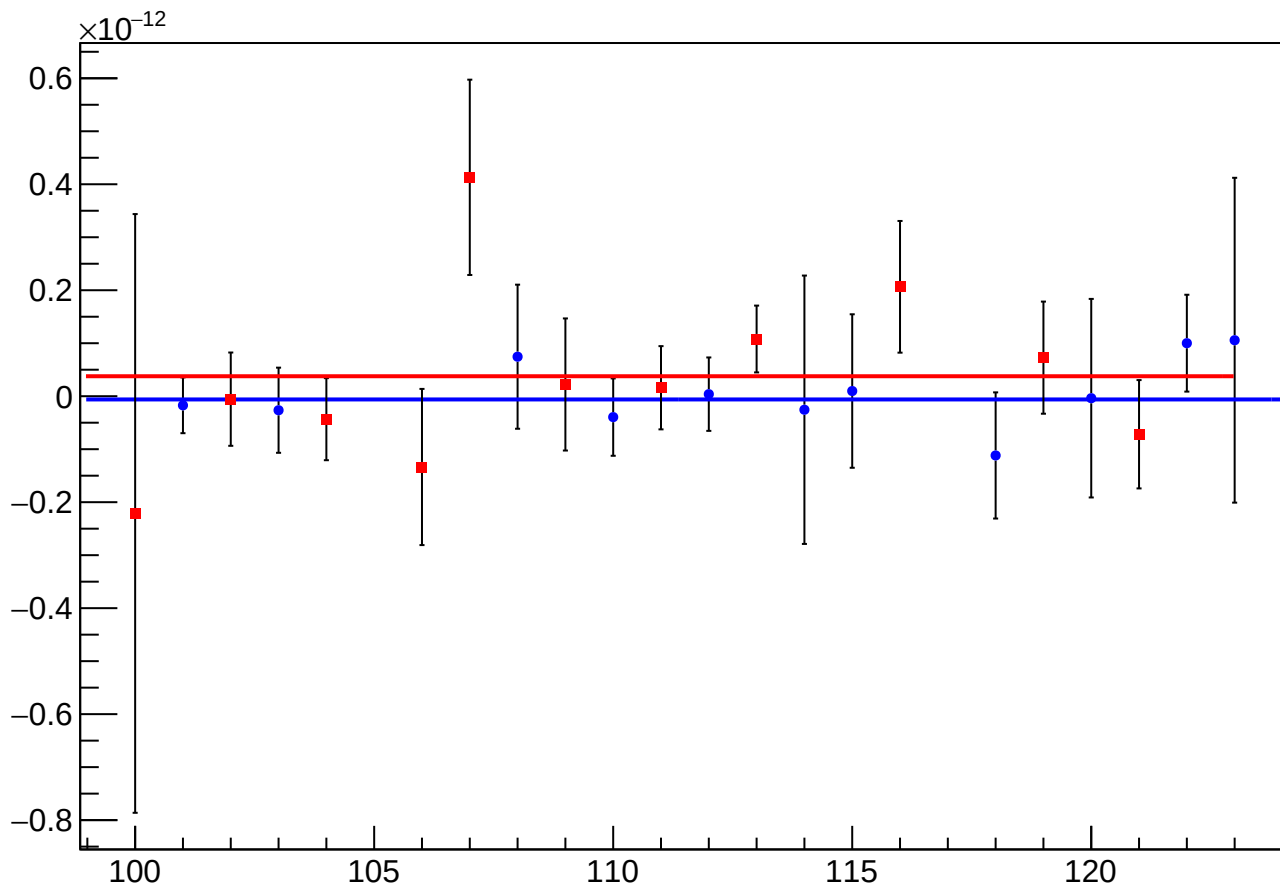
Right: 970.273+/-0.234 χ^2/NDF : 350278.9/21

In: 976.057+/-0.343 χ^2/NDF :156395.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 970.273+/-0.234 χ^2/NDF : 350278.9/21

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/10

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

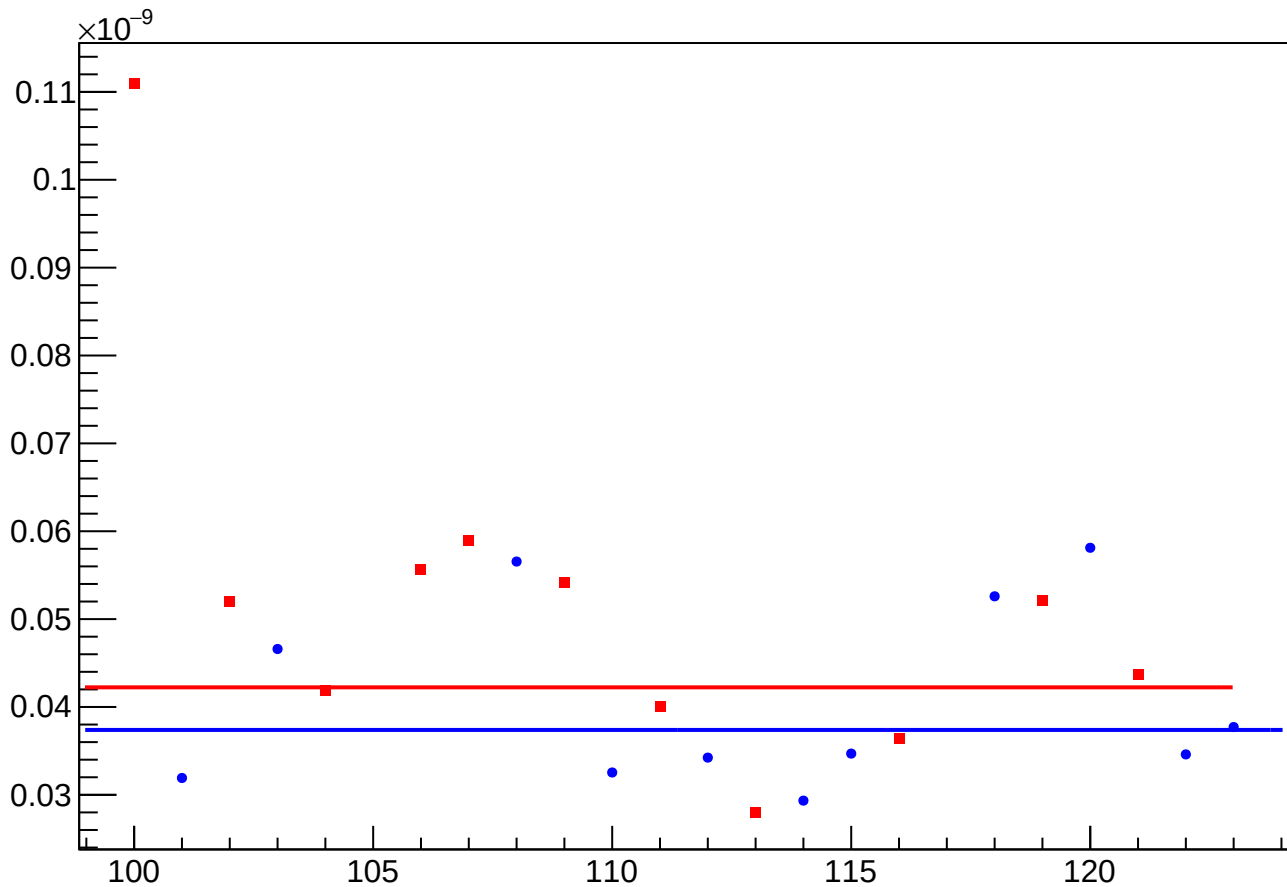
Right: 0.000+/-0.000 χ^2/NDF : 15.6/21

In: -0.000+/-0.000 χ^2/NDF : 3.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.6/21

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 162267.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 231397.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

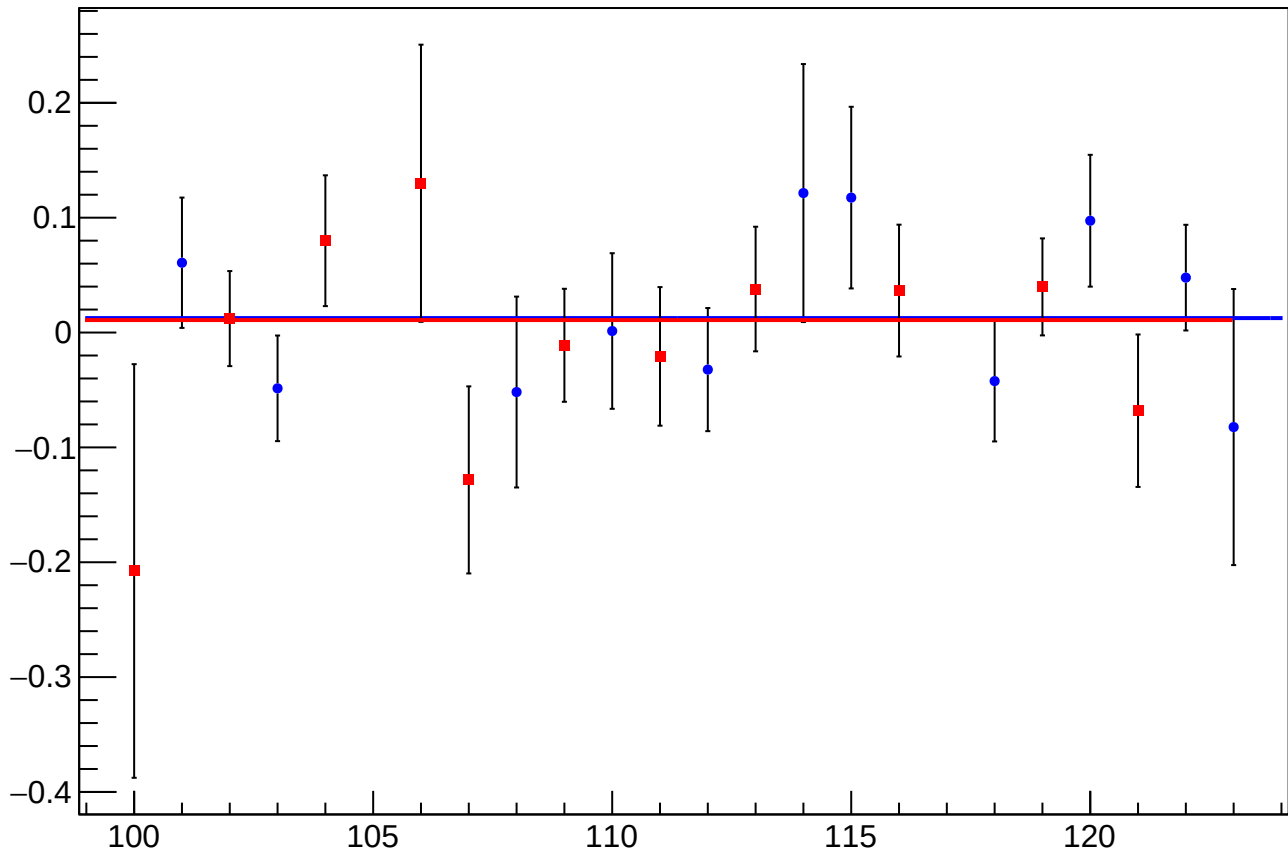
Right: 0.000+/-0.000 χ^2/NDF : 421278.1/21

In: 0.000+/-0.000 χ^2/NDF : 162267.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 421278.1/21

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 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

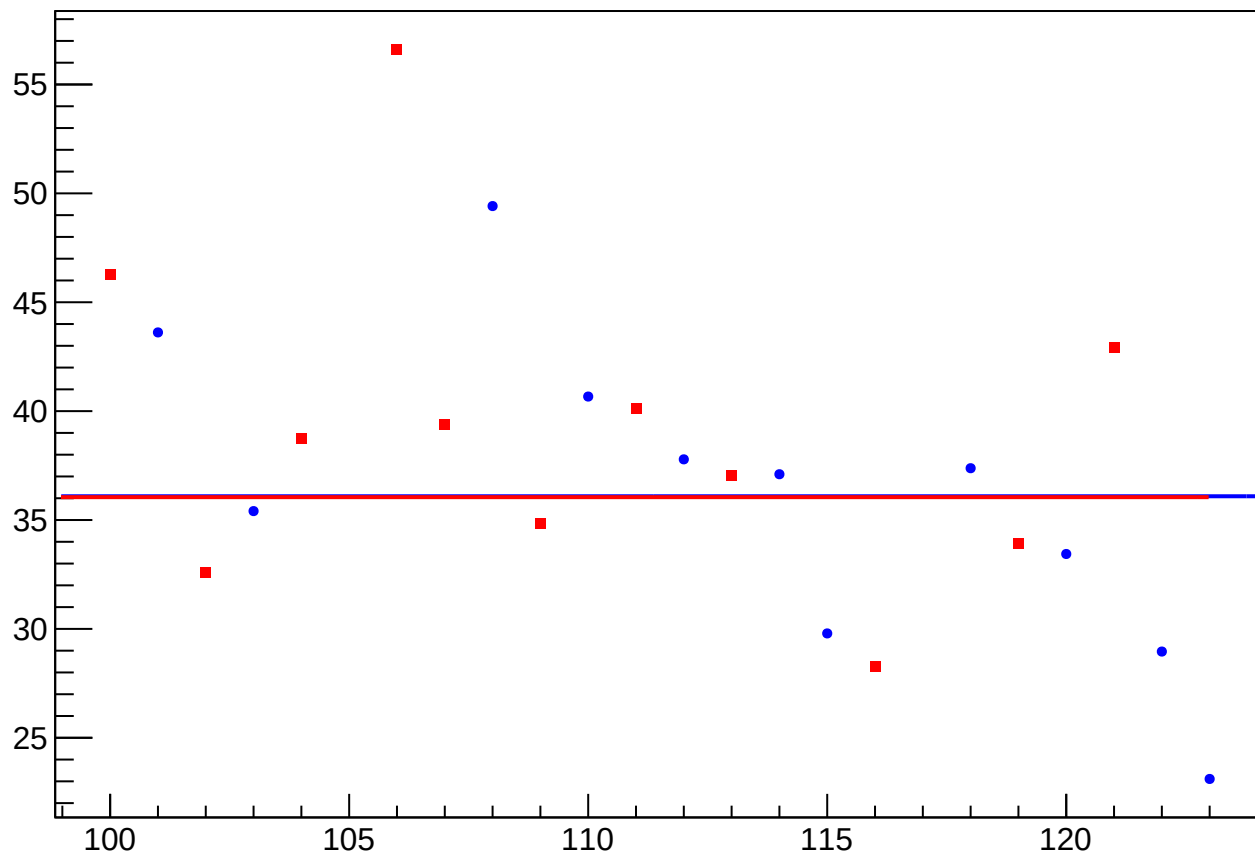
Right: 0.012+/-0.013 χ^2/NDF : 20.6/21

In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 20.6/21

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.091+/-0.013 χ^2/NDF : 187888.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.049+/-0.012 χ^2/NDF : 160548.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

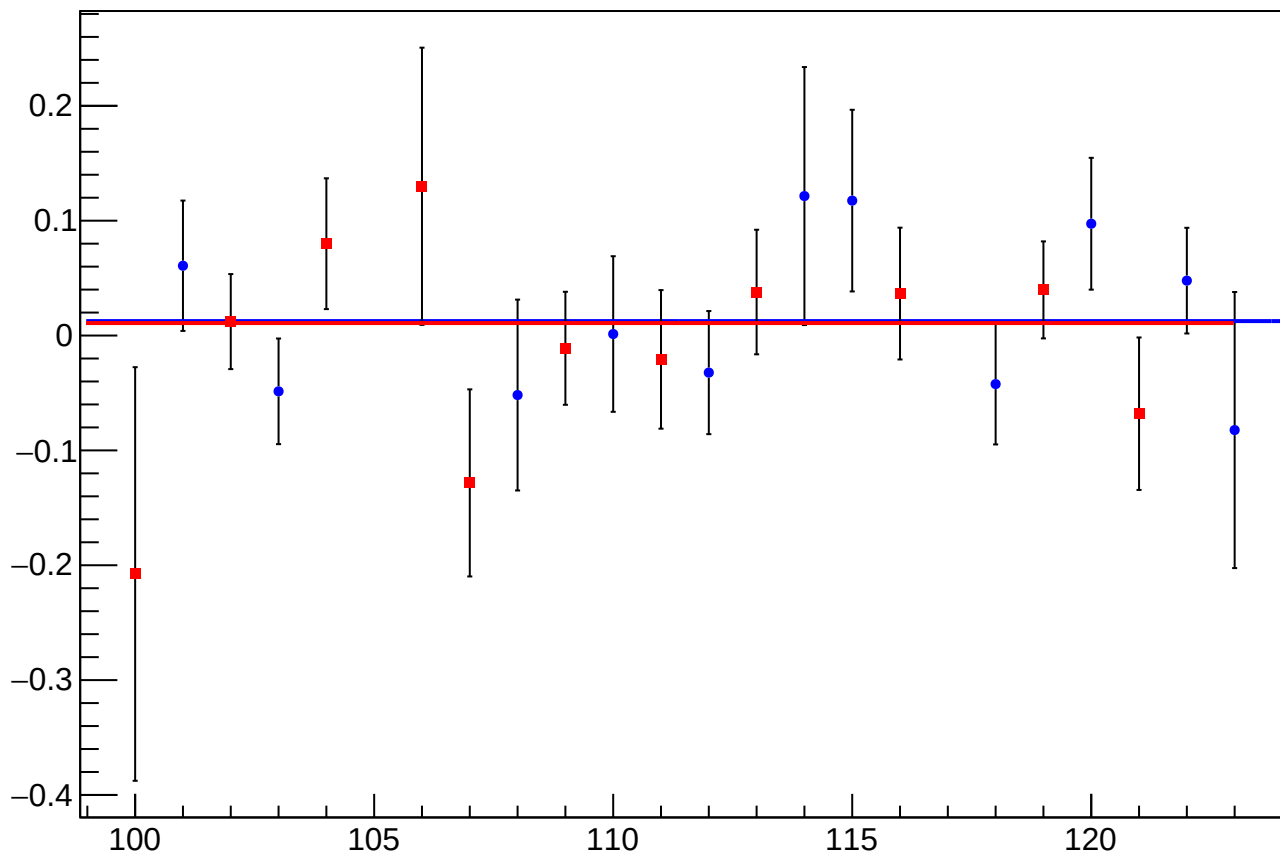
Right: 36.069+/-0.009 χ^2/NDF : 348442.0/21

In: 36.091+/-0.013 χ^2/NDF : 187888.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.069+/-0.009 χ^2/NDF : 348442.0/21

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 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

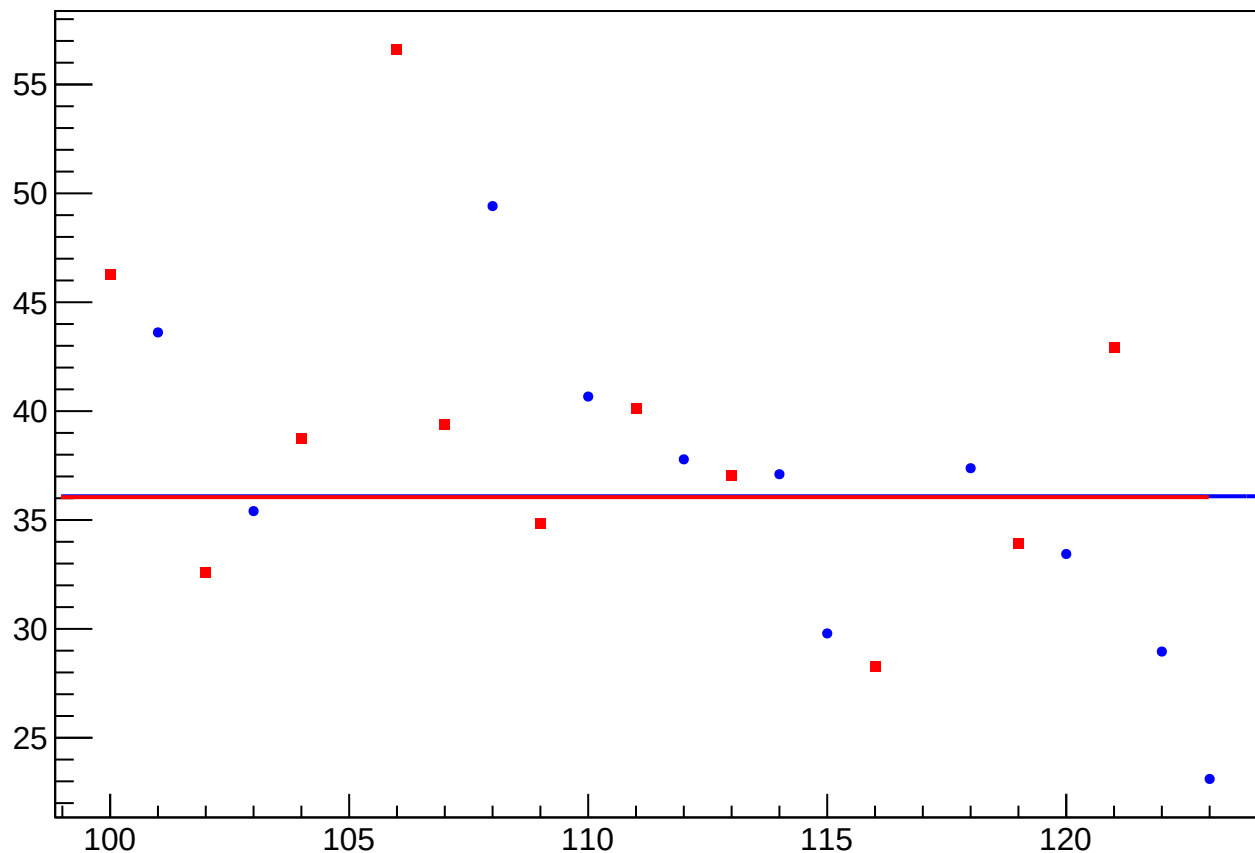
Right: 0.012+/-0.013 χ^2/NDF : 20.6/21

In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 20.6/21

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.091+/-0.013 χ^2/NDF : 187888.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.049+/-0.012 χ^2/NDF : 160548.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

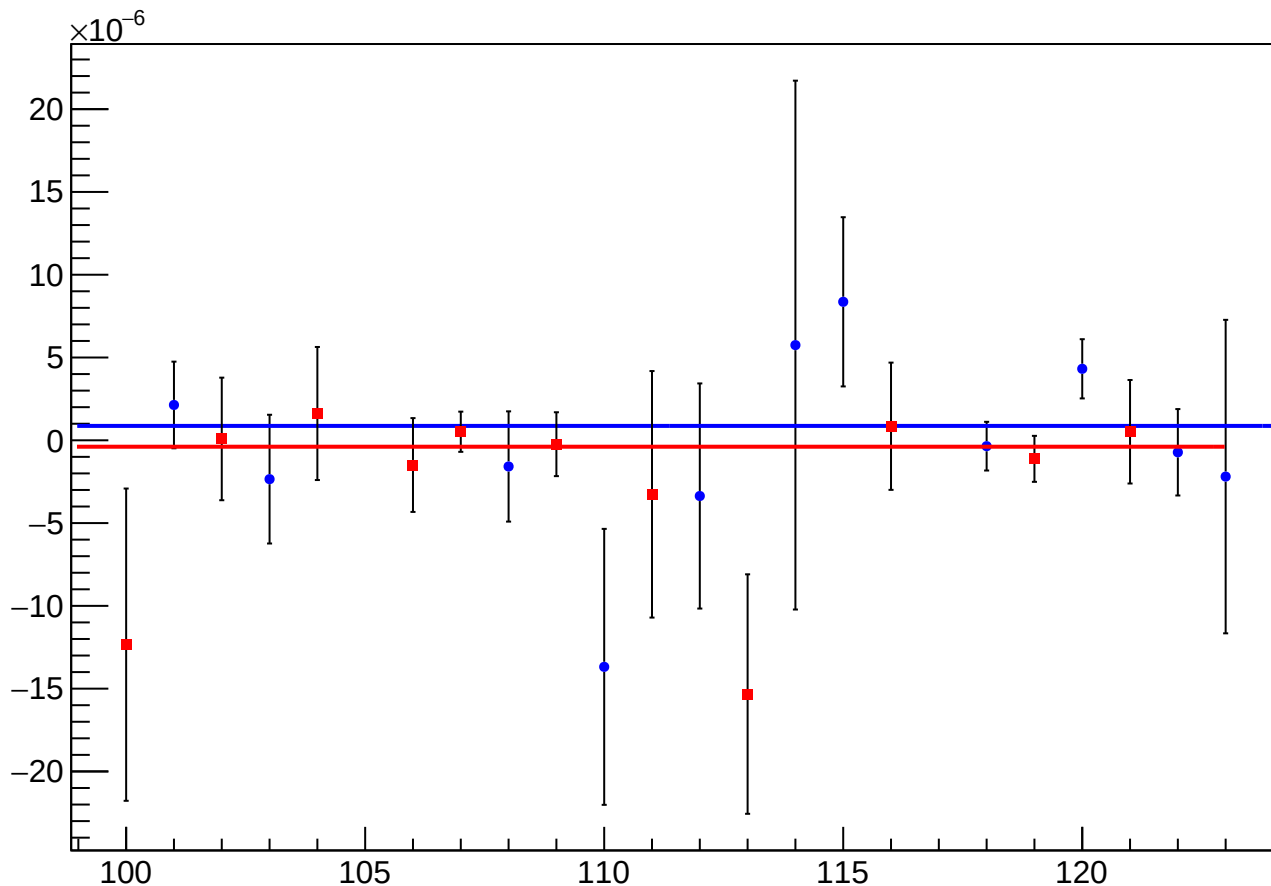
Right: 36.069+/-0.009 χ^2/NDF : 348442.0/21

In: 36.091+/-0.013 χ^2/NDF : 187888.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.069+/-0.009 χ^2/NDF : 348442.0/21

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.0/10

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

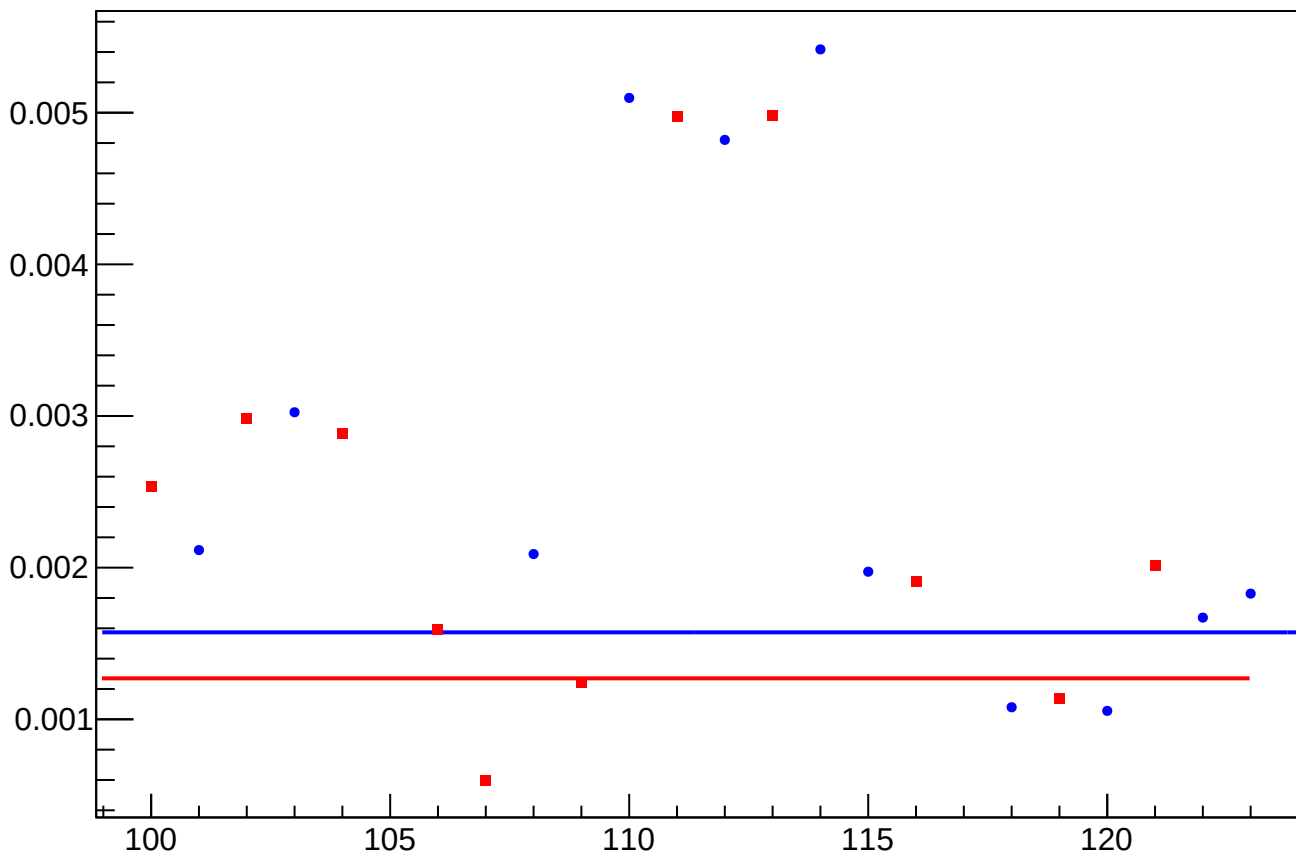
Right: 0.000+/-0.000 χ^2/NDF : 20.7/21

In: 0.000+/-0.000 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/21

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1752429.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2640663.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

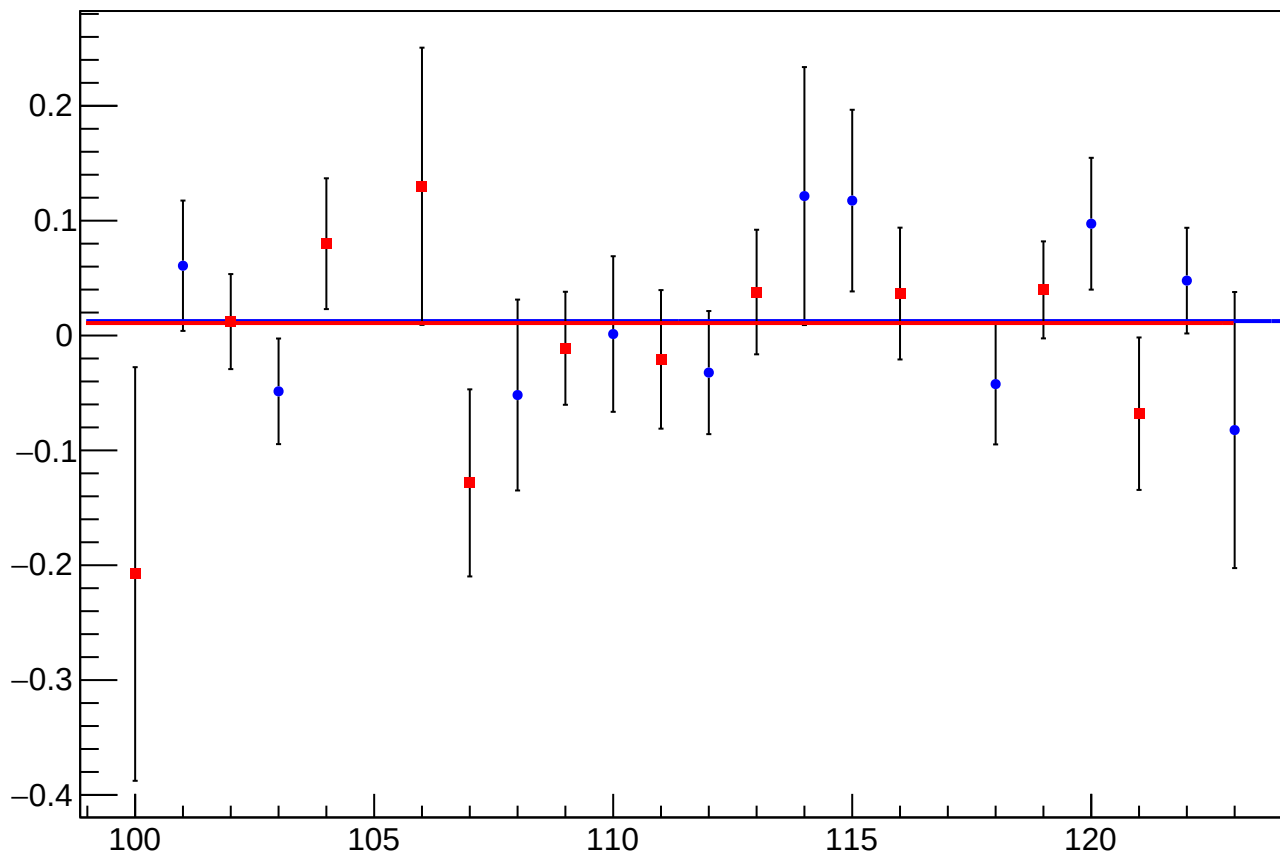
Right: 0.001+/-0.000 χ^2/NDF : 4537408.1/21

In: 0.002+/-0.000 χ^2/NDF :1752429.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4537408.1/21

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 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

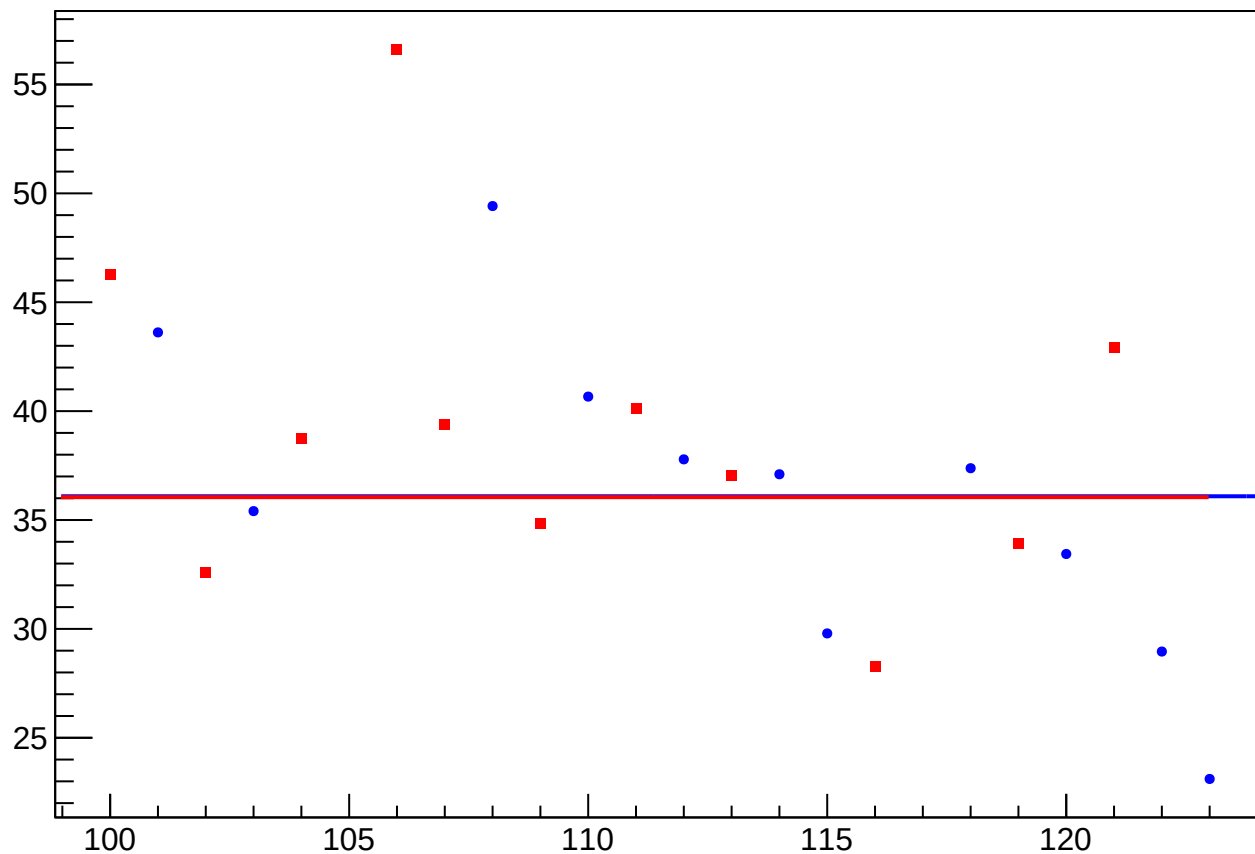
Right: 0.012+/-0.013 χ^2/NDF : 20.6/21

In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 20.6/21

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.091+/-0.013 χ^2/NDF : 187883.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.049+/-0.012 χ^2/NDF : 160539.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

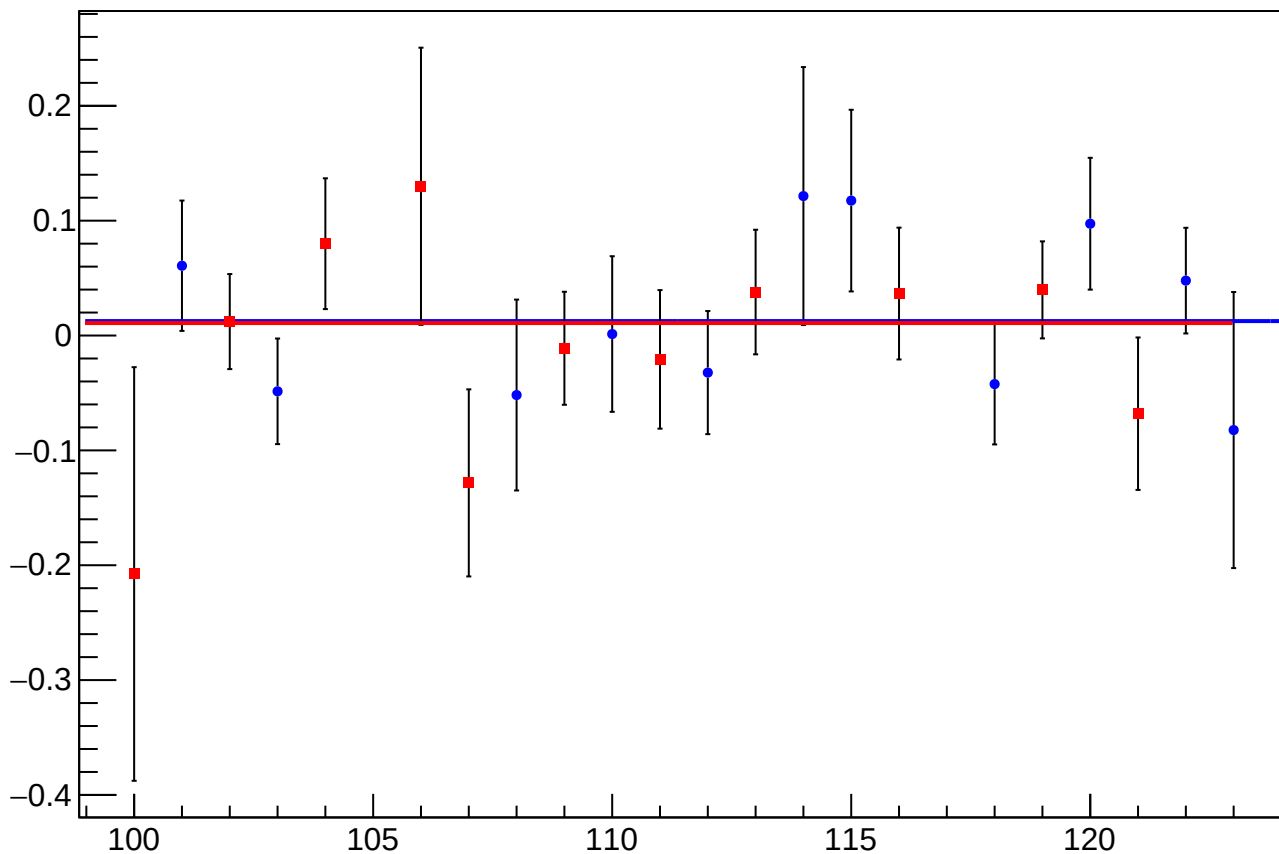
Right: 36.069+/-0.009 χ^2/NDF : 348429.1/21

In: 36.091+/-0.013 χ^2/NDF : 187883.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.069+/-0.009 χ^2/NDF : 348429.1/21

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 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

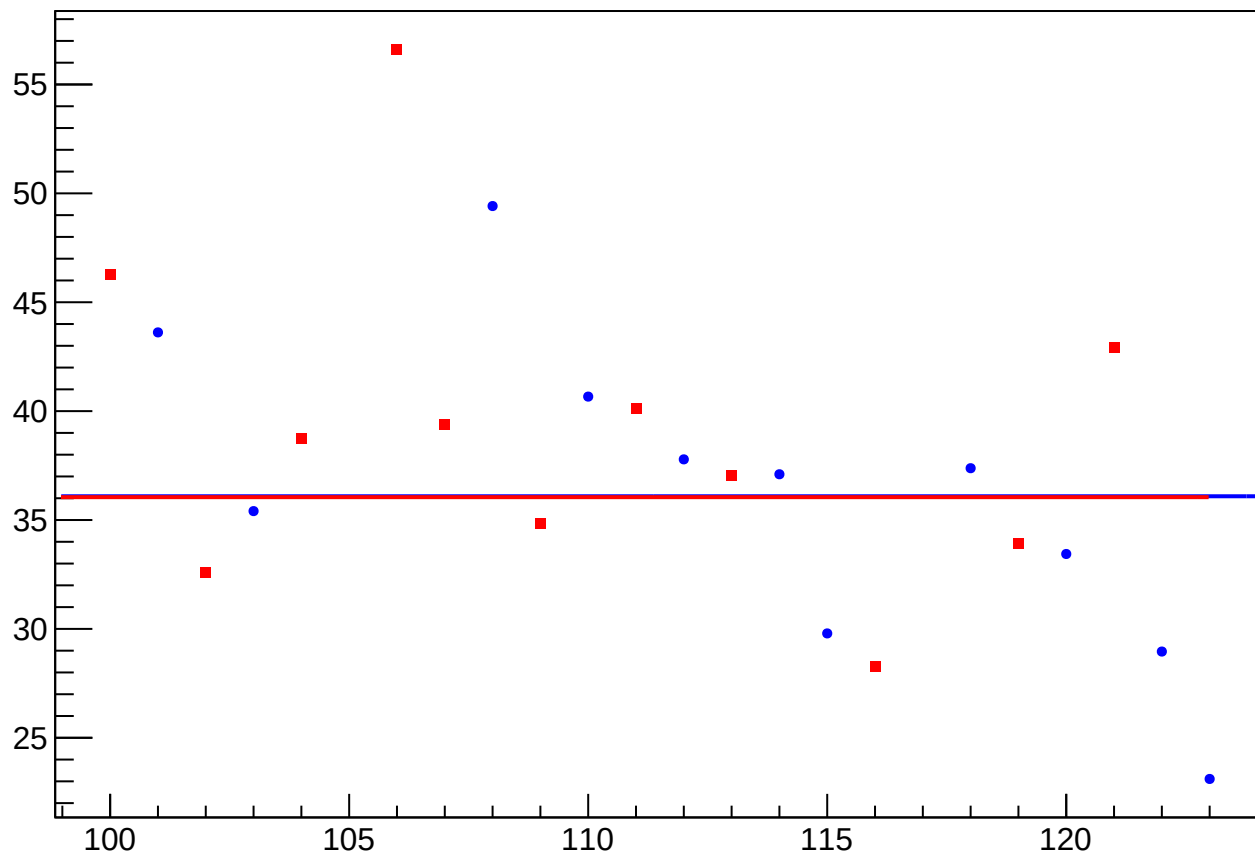
Right: 0.012+/-0.013 χ^2/NDF : 20.6/21

In: 0.013+/-0.018 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 20.6/21

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.091+/-0.013 χ^2/NDF : 187883.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.049+/-0.012 χ^2/NDF : 160539.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

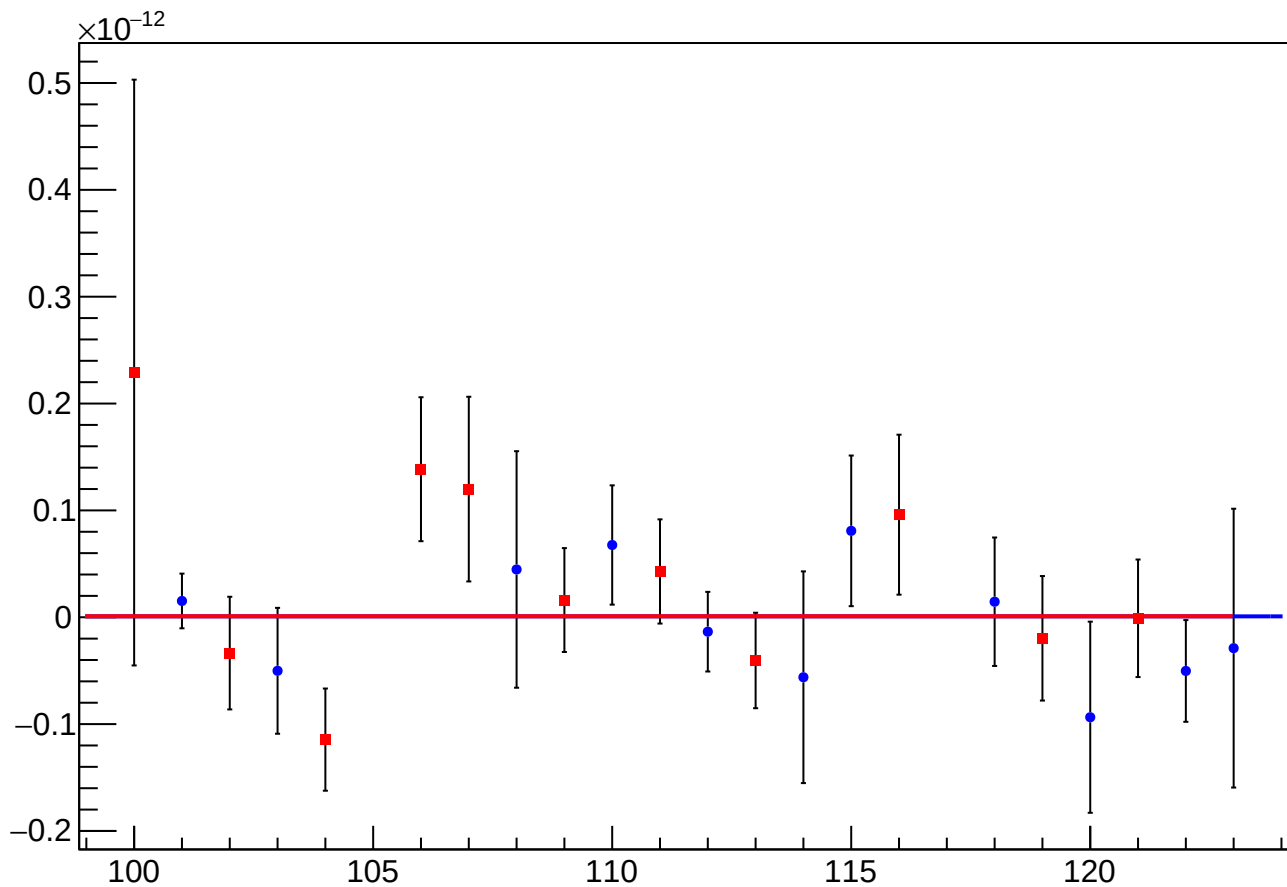
Right: 36.069+/-0.009 χ^2/NDF : 348429.1/21

In: 36.091+/-0.013 χ^2/NDF : 187883.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.069+/-0.009 χ^2/NDF : 348429.1/21

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/10

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

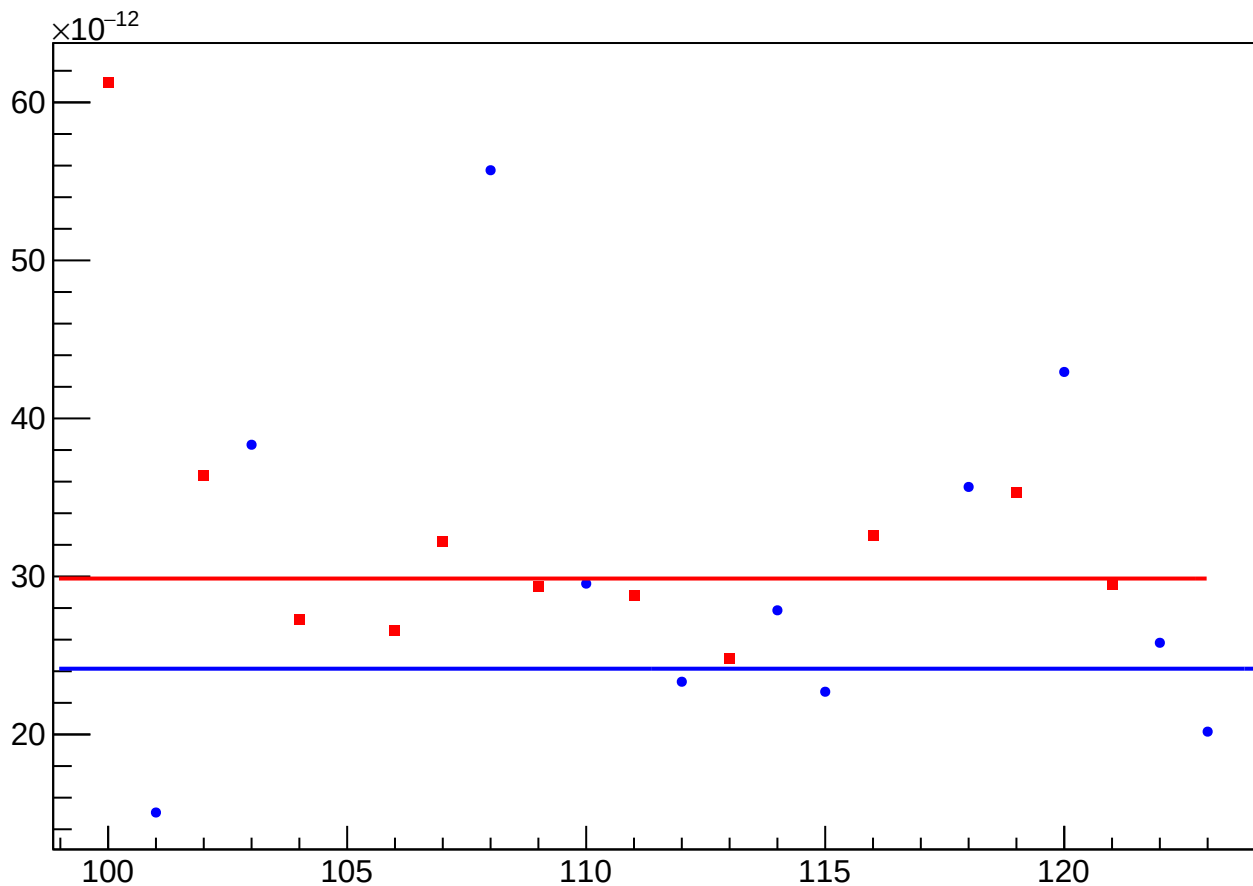
Right: 0.000+/-0.000 χ^2/NDF : 23.2/21

In: 0.000+/-0.000 χ^2/NDF : 6.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/21

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 720027.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 115399.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

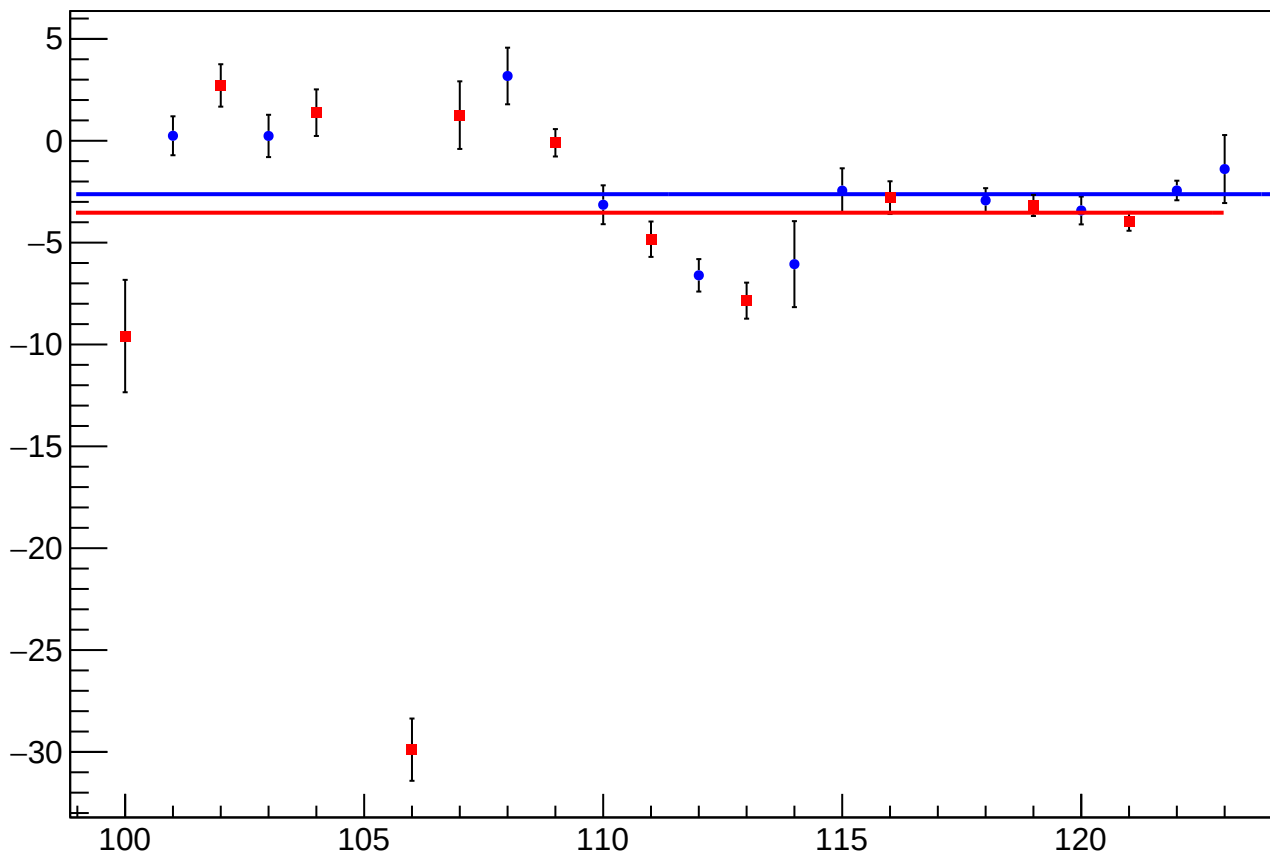
Right: 0.000+/-0.000 χ^2/NDF : 955275.9/21

In: 0.000+/-0.000 χ^2/NDF : 720027.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 955275.9/21

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.622 ± 0.251 χ^2/NDF : 64.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.531 ± 0.240 χ^2/NDF : 419.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

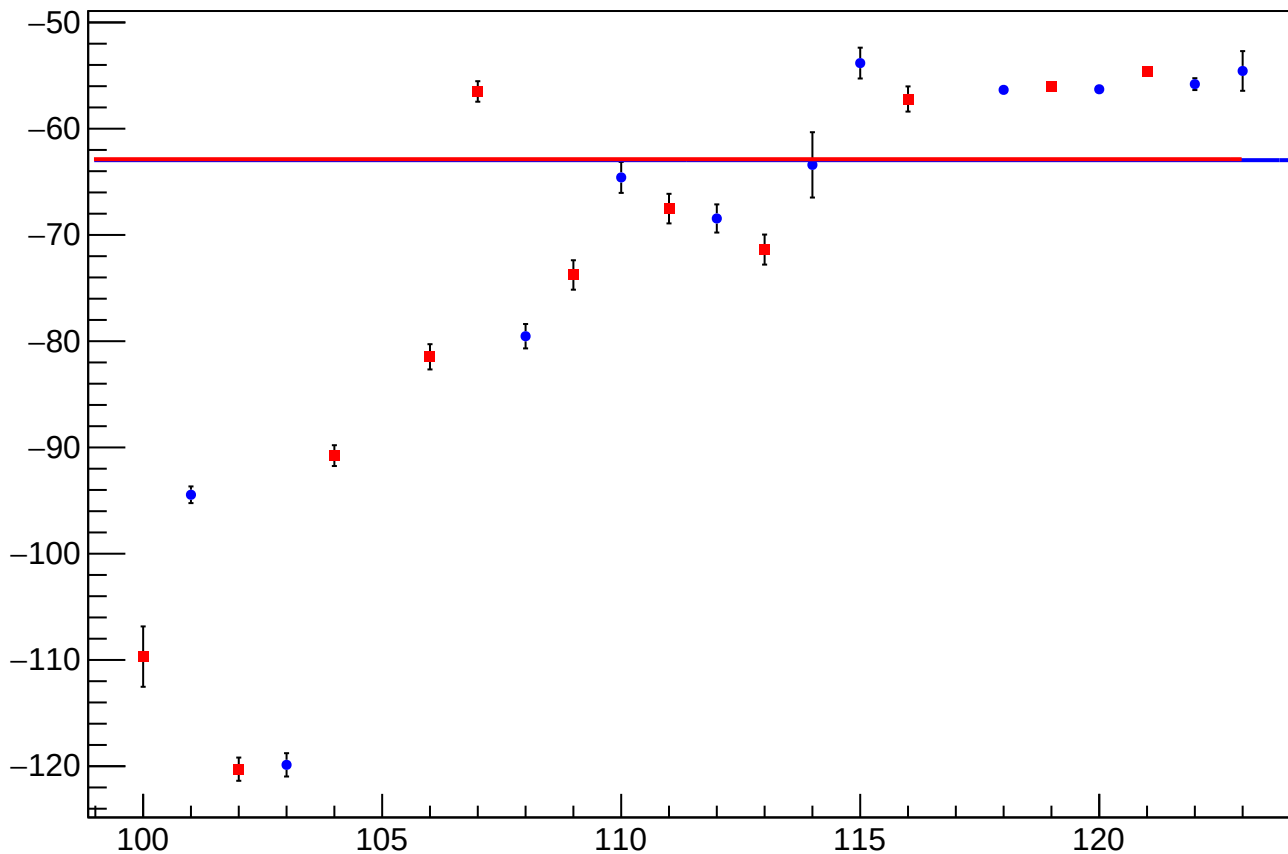
Right: -3.097 ± 0.173 χ^2/NDF : 490.5/21

In: -2.622 ± 0.251 χ^2/NDF : 64.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.097 ± 0.173 χ^2/NDF : 490.5/21

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.962 $\pm$ 0.217 χ^2 /NDF: 5311.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.872 $\pm$ 0.227 χ^2 /NDF: 4981.5/10

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

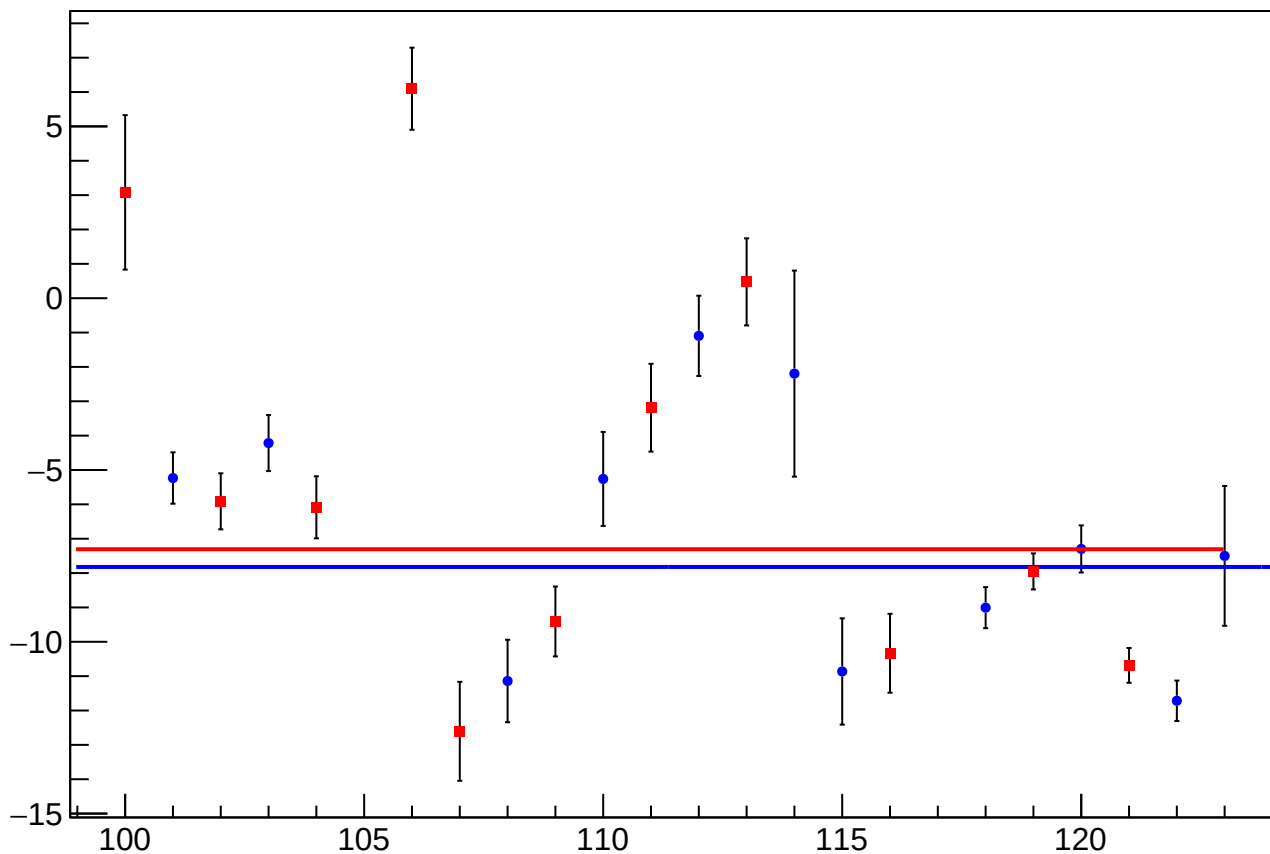
Right: -62.919 $\pm$ 0.157 χ^2 /NDF: 10293.0/21

In: -62.962 $\pm$ 0.217 χ^2 /NDF:5311.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.919 $\pm$ 0.157 χ^2 /NDF: 10293.0/21

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.822 ± 0.269 χ^2/NDF : 131.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.306 ± 0.262 χ^2/NDF : 270.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

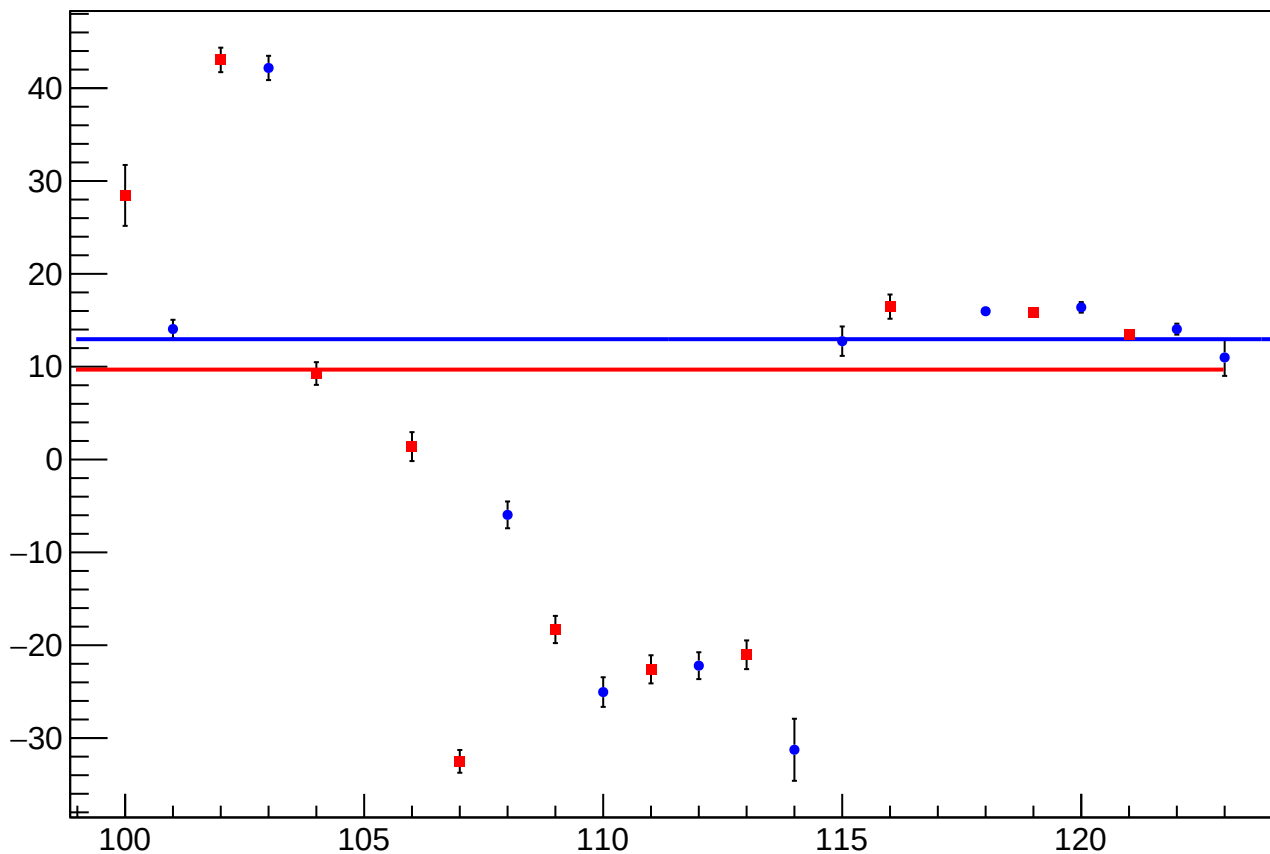
Right: -7.557 ± 0.187 χ^2/NDF : 404.5/21

In: -7.822 ± 0.269 χ^2/NDF : 131.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.557 ± 0.187 χ^2/NDF : 404.5/21

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.961+/-0.266 χ^2/NDF : 2087.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.687+/-0.272 χ^2/NDF : 3376.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

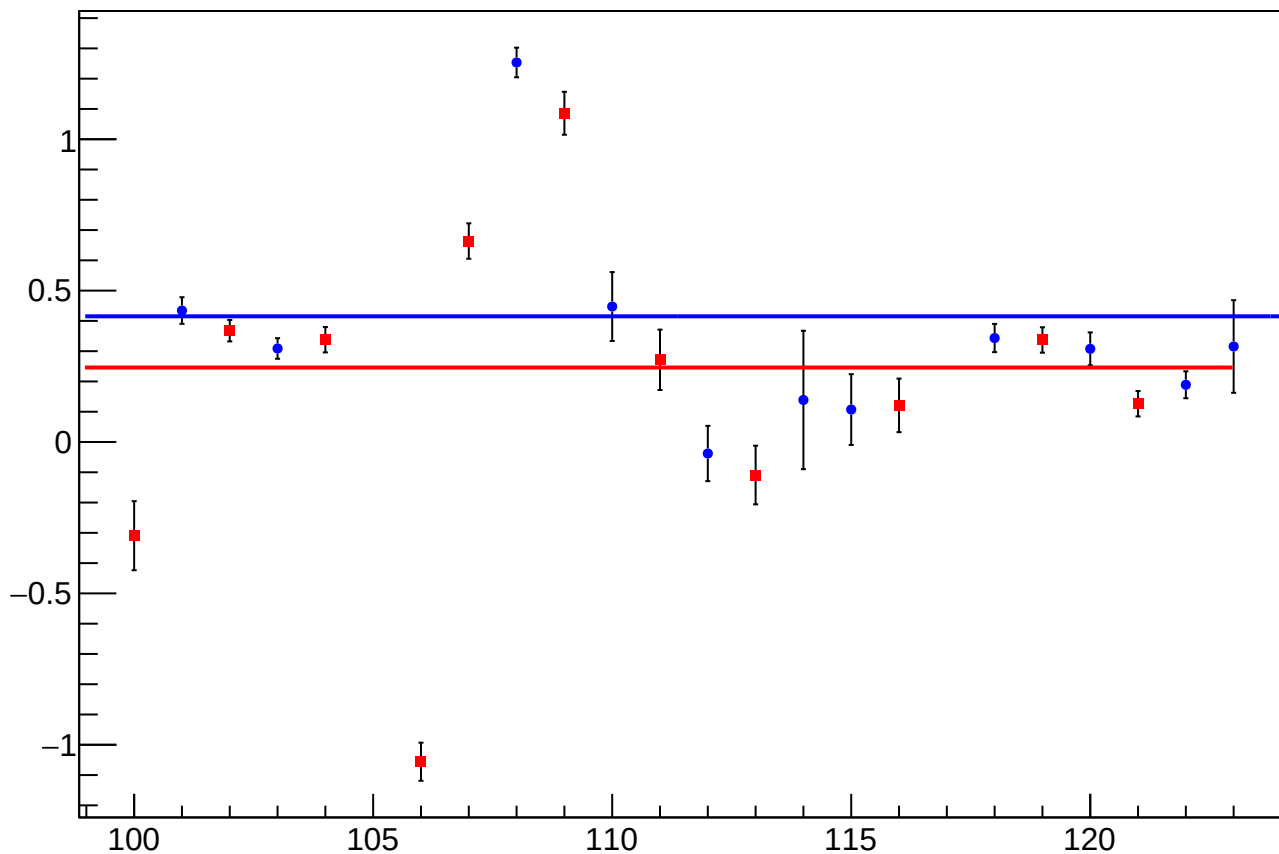
Right: 11.364+/-0.190 χ^2/NDF : 5537.9/21

In: 12.961+/-0.266 χ^2/NDF : 2087.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.364+/-0.190 χ^2/NDF : 5537.9/21

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.415+/-0.017 χ^2/NDF : 369.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.246+/-0.017 χ^2/NDF : 687.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

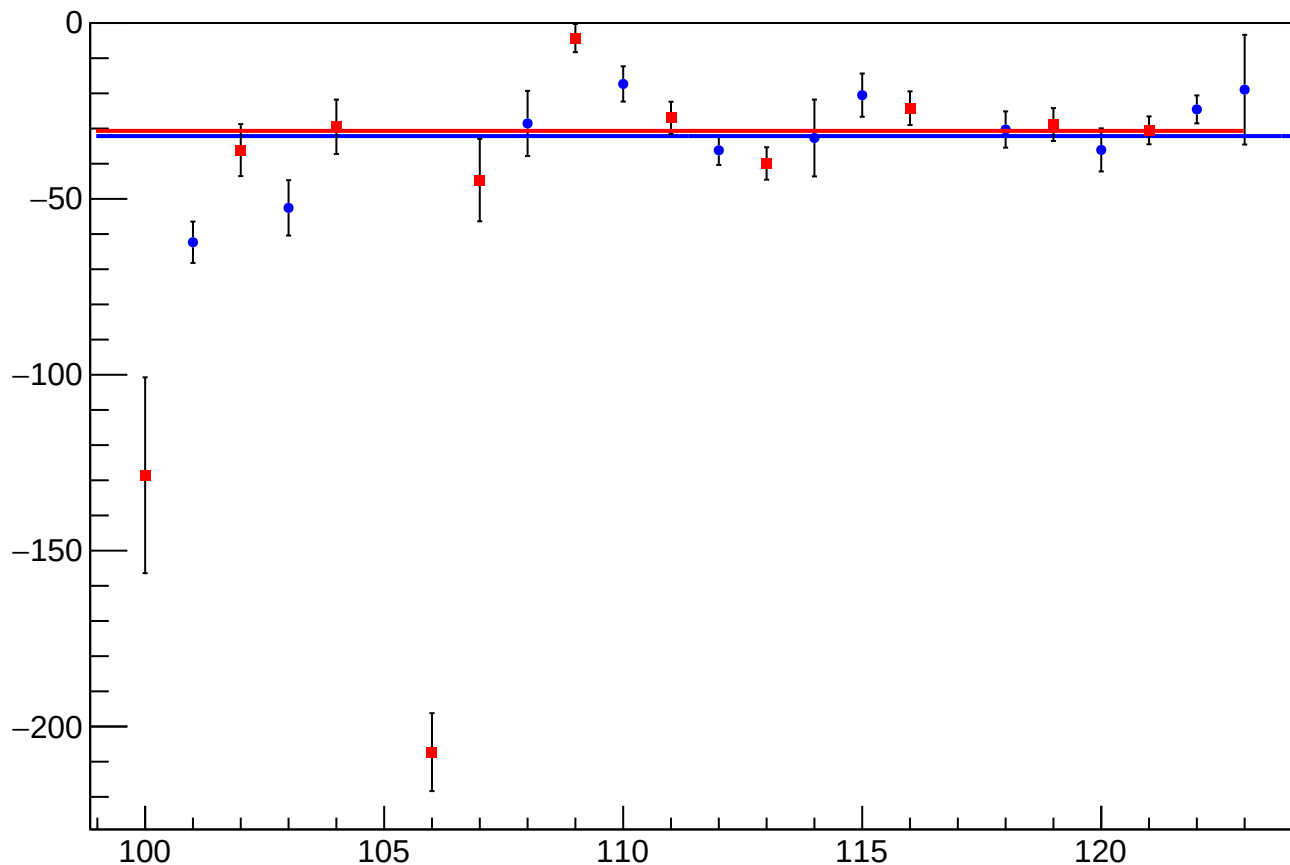
Right: 0.328+/-0.012 χ^2/NDF : 1107.1/21

In: 0.415+/-0.017 χ^2/NDF : 369.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.328+/-0.012 χ^2/NDF : 1107.1/21

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.143+/-1.765 χ^2/NDF : 51.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.663+/-1.664 χ^2/NDF : 318.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

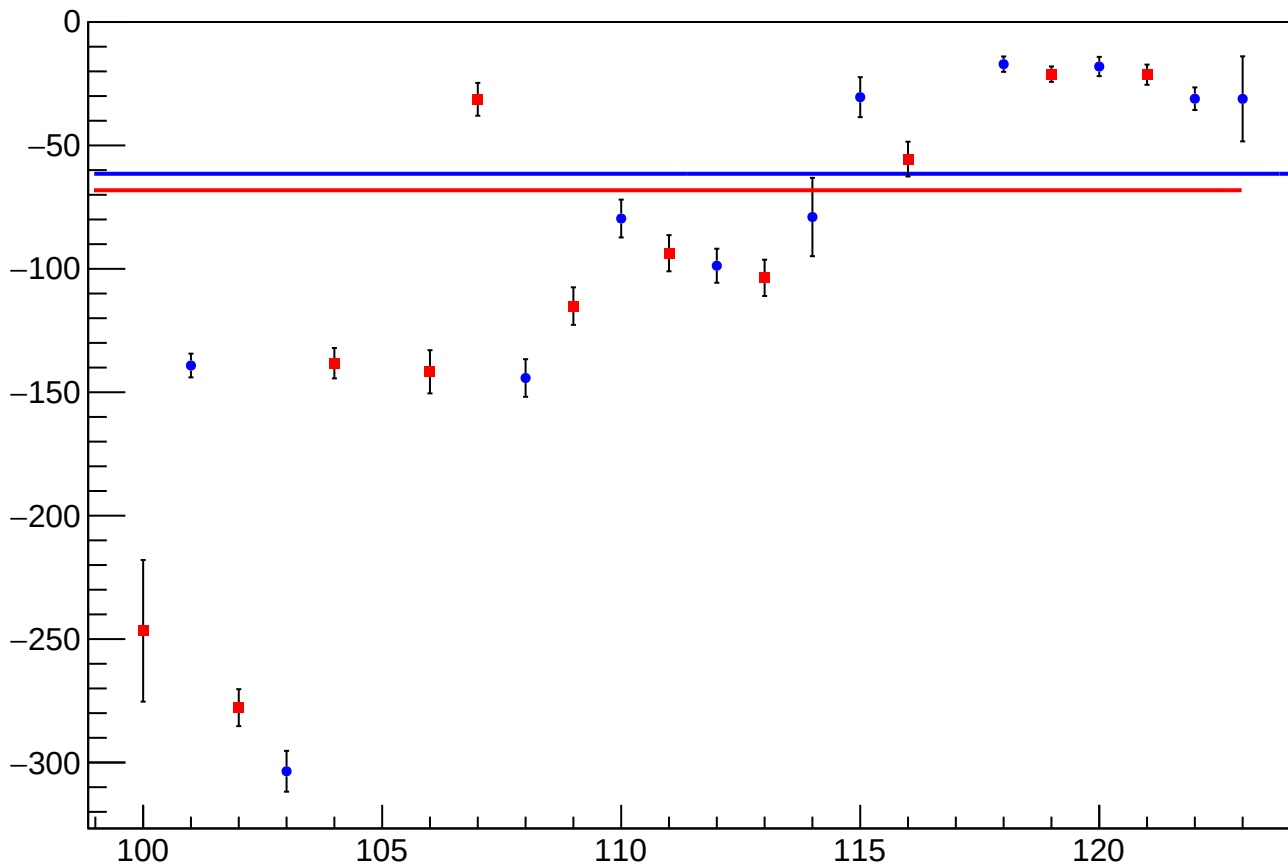
Right: -31.359+/-1.211 χ^2/NDF : 370.2/21

In: -32.143+/-1.765 χ^2/NDF : 51.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.359+/-1.211 χ^2/NDF : 370.2/21

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -61.481 ± 1.685 $\chi^2/\text{NDF}: 1659.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -68.157 ± 1.773 $\chi^2/\text{NDF}: 1488.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

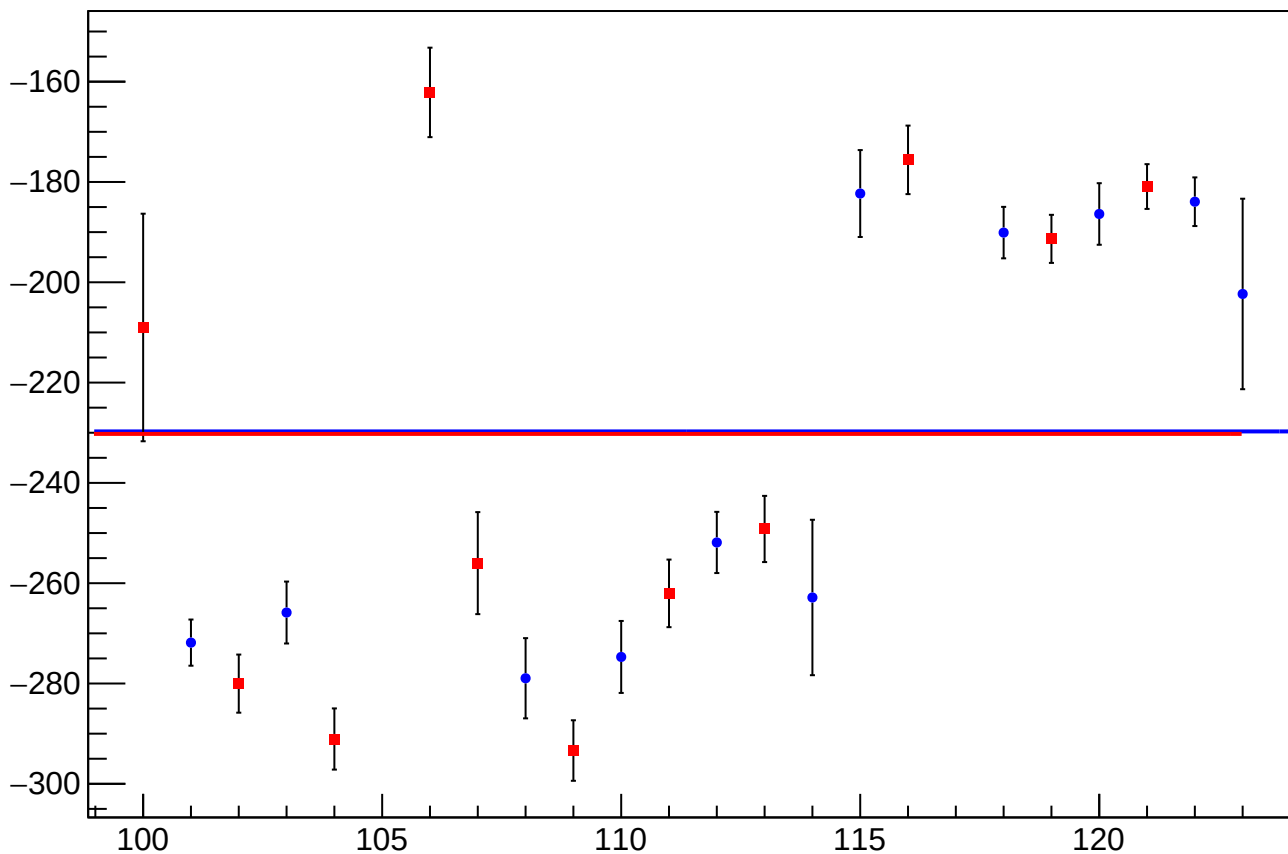
Right: -64.647 ± 1.221 $\chi^2/\text{NDF}: 3155.6/21$

In: -61.481 ± 1.685 $\chi^2/\text{NDF}: 1659.9/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -64.647 ± 1.221 $\chi^2/\text{NDF}: 3155.6/21$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.737 $\pm$ 1.951 χ^2 /NDF: 443.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -230.231 $\pm$ 1.930 χ^2 /NDF: 630.8/10

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

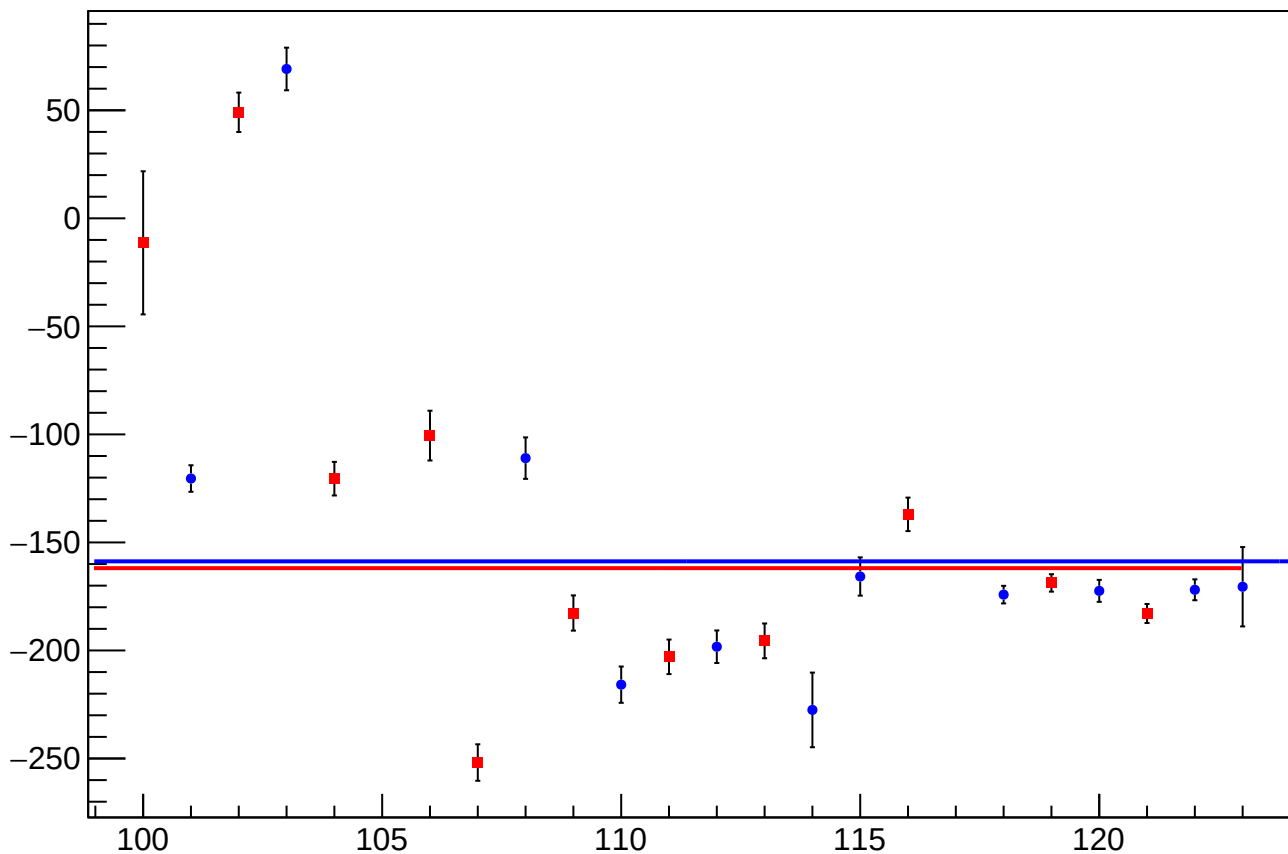
Right: -229.986 $\pm$ 1.372 χ^2 /NDF: 1074.4/21

In: -229.737 $\pm$ 1.951 χ^2 /NDF:443.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -229.986 $\pm$ 1.372 χ^2 /NDF: 1074.4/21

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -158.751 ± 2.039 χ^2/NDF : 717.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -161.906 ± 2.099 χ^2/NDF : 812.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

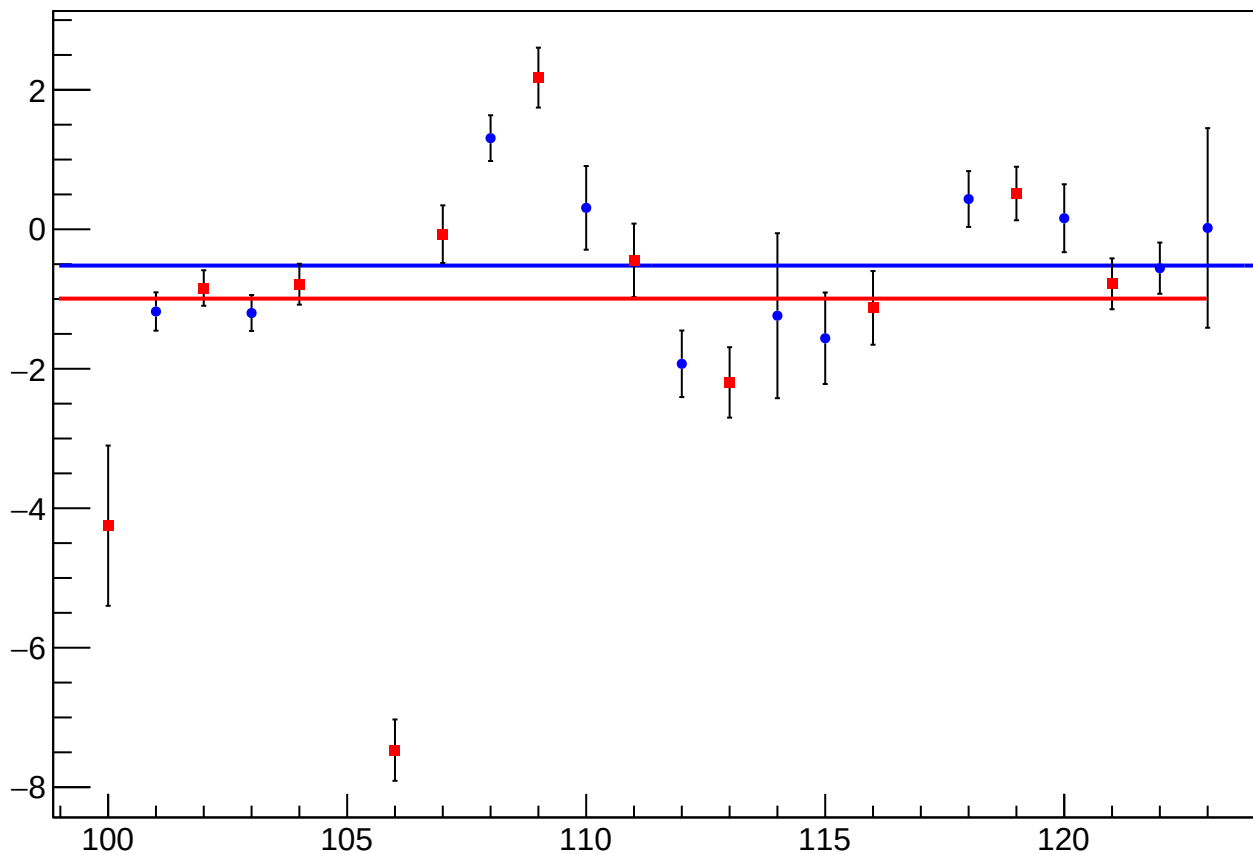
Right: -160.283 ± 1.463 χ^2/NDF : 1531.1/21

In: -158.751 ± 2.039 χ^2/NDF : 717.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -160.283 ± 1.463 χ^2/NDF : 1531.1/21

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.520 ± 0.123 χ^2/NDF : 65.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.994 ± 0.120 χ^2/NDF : 307.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

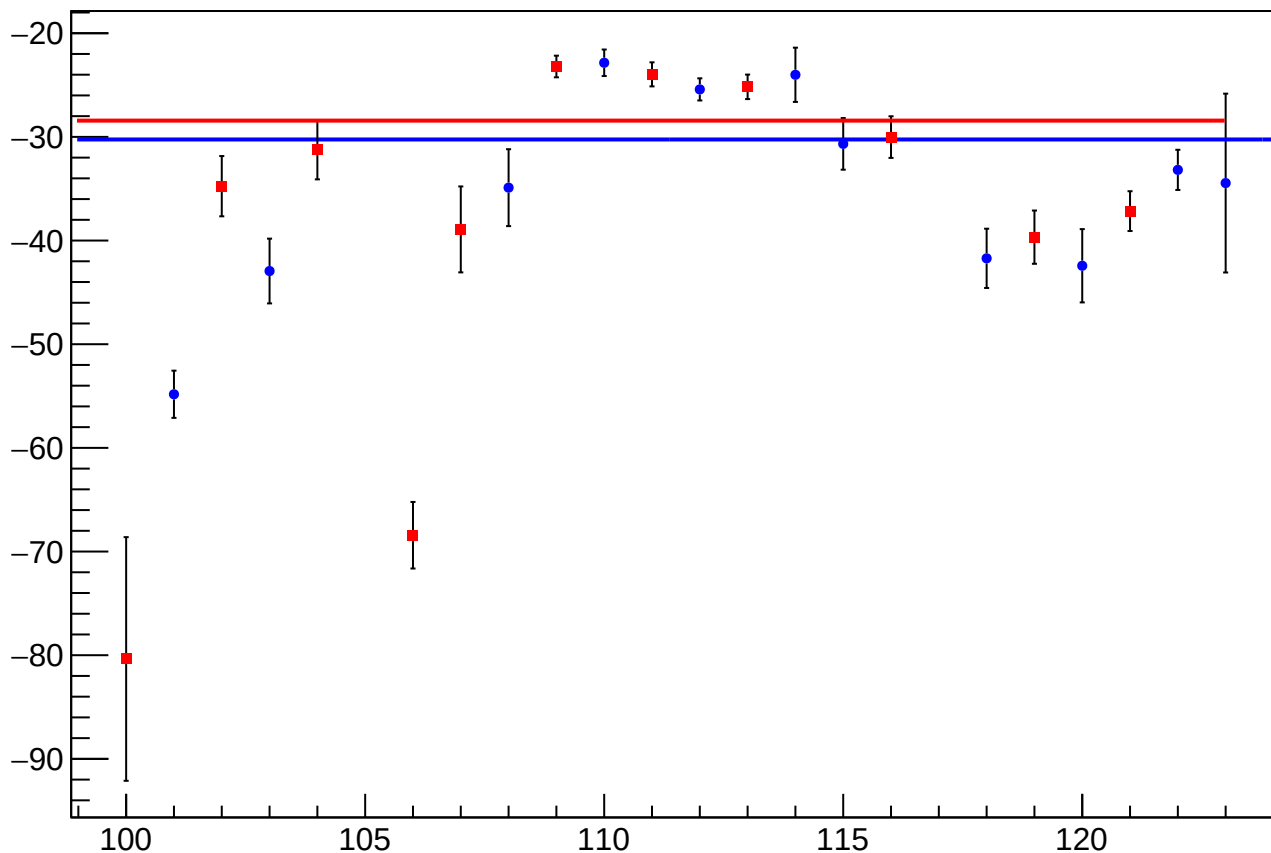
Right: -0.763 ± 0.086 χ^2/NDF : 380.3/21

In: -0.520 ± 0.123 χ^2/NDF : 65.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.763 ± 0.086 χ^2/NDF : 380.3/21

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.249+/-0.615 χ^2/NDF : 224.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.430+/-0.538 χ^2/NDF : 274.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

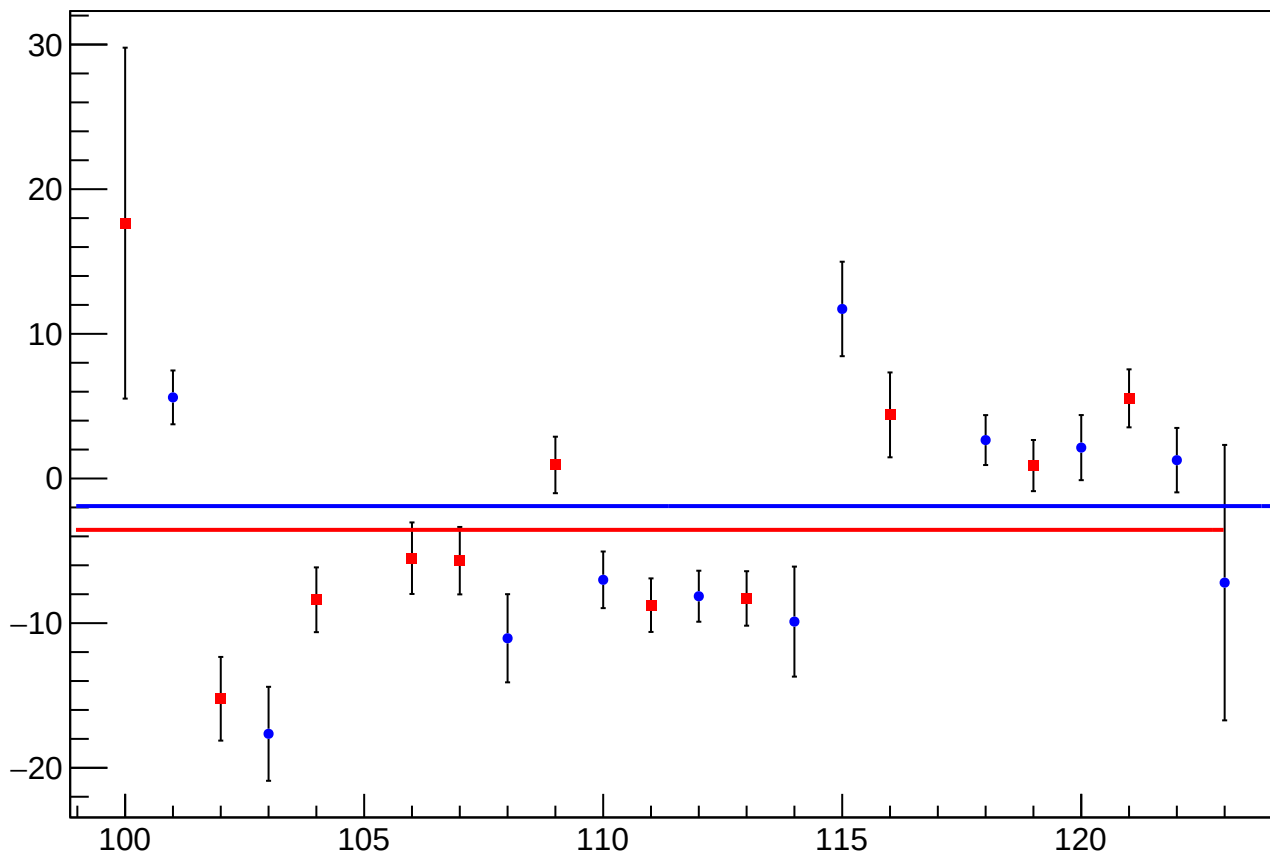
Right: -29.219+/-0.405 χ^2/NDF : 504.3/21

In: -30.249+/-0.615 χ^2/NDF : 224.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.219+/-0.405 χ^2/NDF : 504.3/21

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.907+/-0.710 χ^2/NDF : 102.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.551+/-0.675 χ^2/NDF : 79.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

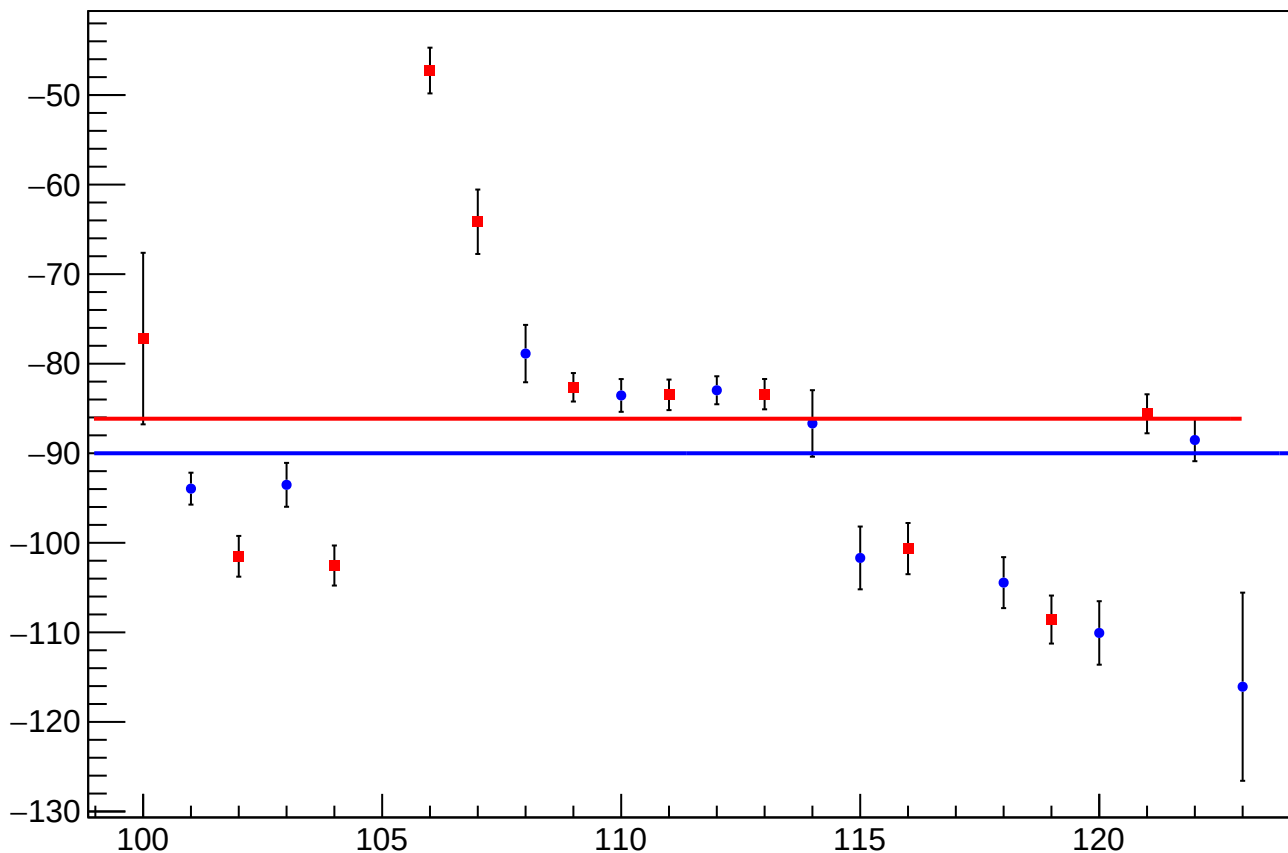
Right: -2.770+/-0.489 χ^2/NDF : 184.5/21

In: -1.907+/-0.710 χ^2/NDF : 102.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.770+/-0.489 χ^2/NDF : 184.5/21

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.001 ± 0.739 $\chi^2/\text{NDF}: 128.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -86.143 ± 0.675 $\chi^2/\text{NDF}: 475.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

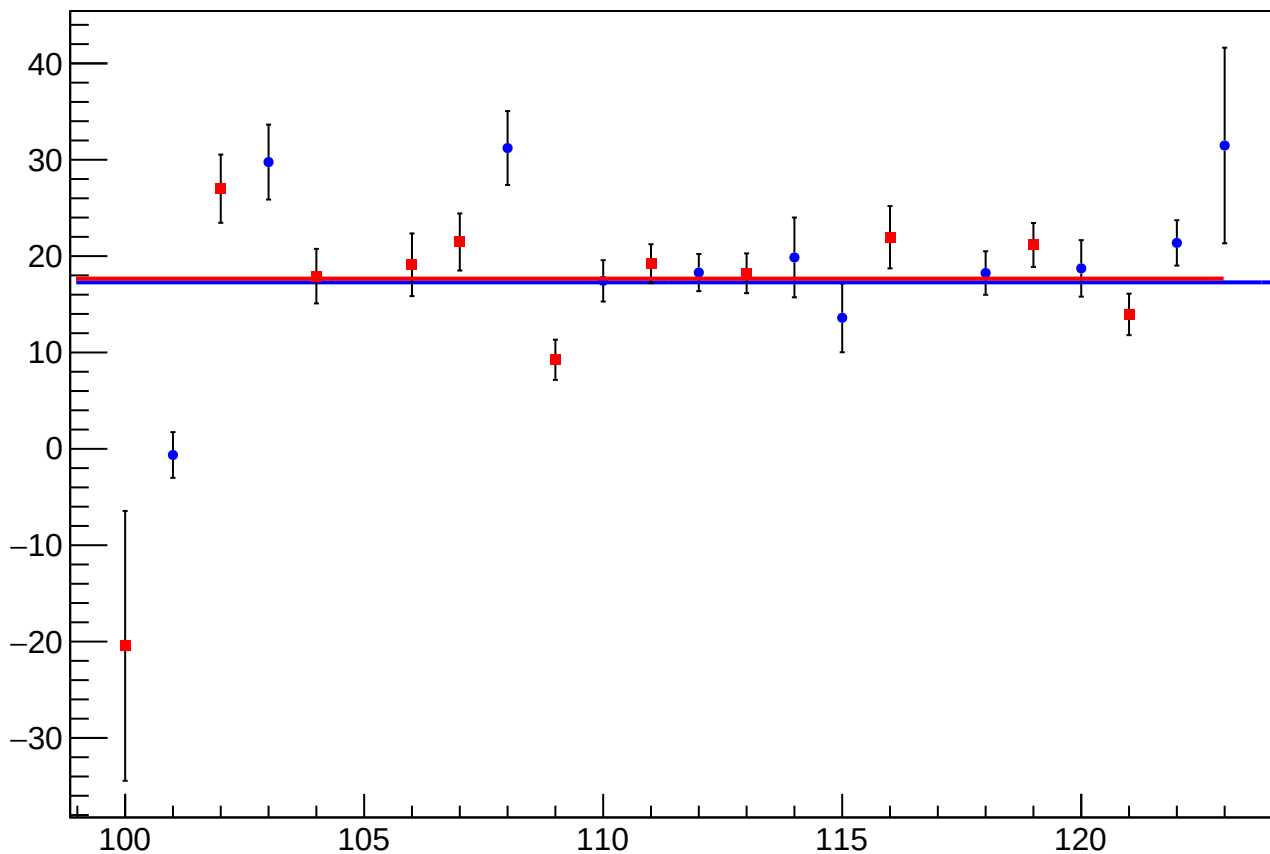
Right: -87.898 ± 0.498 $\chi^2/\text{NDF}: 617.9/21$

In: -90.001 ± 0.739 $\chi^2/\text{NDF}: 128.0/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -87.898 ± 0.498 $\chi^2/\text{NDF}: 617.9/21$

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.276+/-0.834 χ^2/NDF : 87.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.668+/-0.783 χ^2/NDF : 40.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

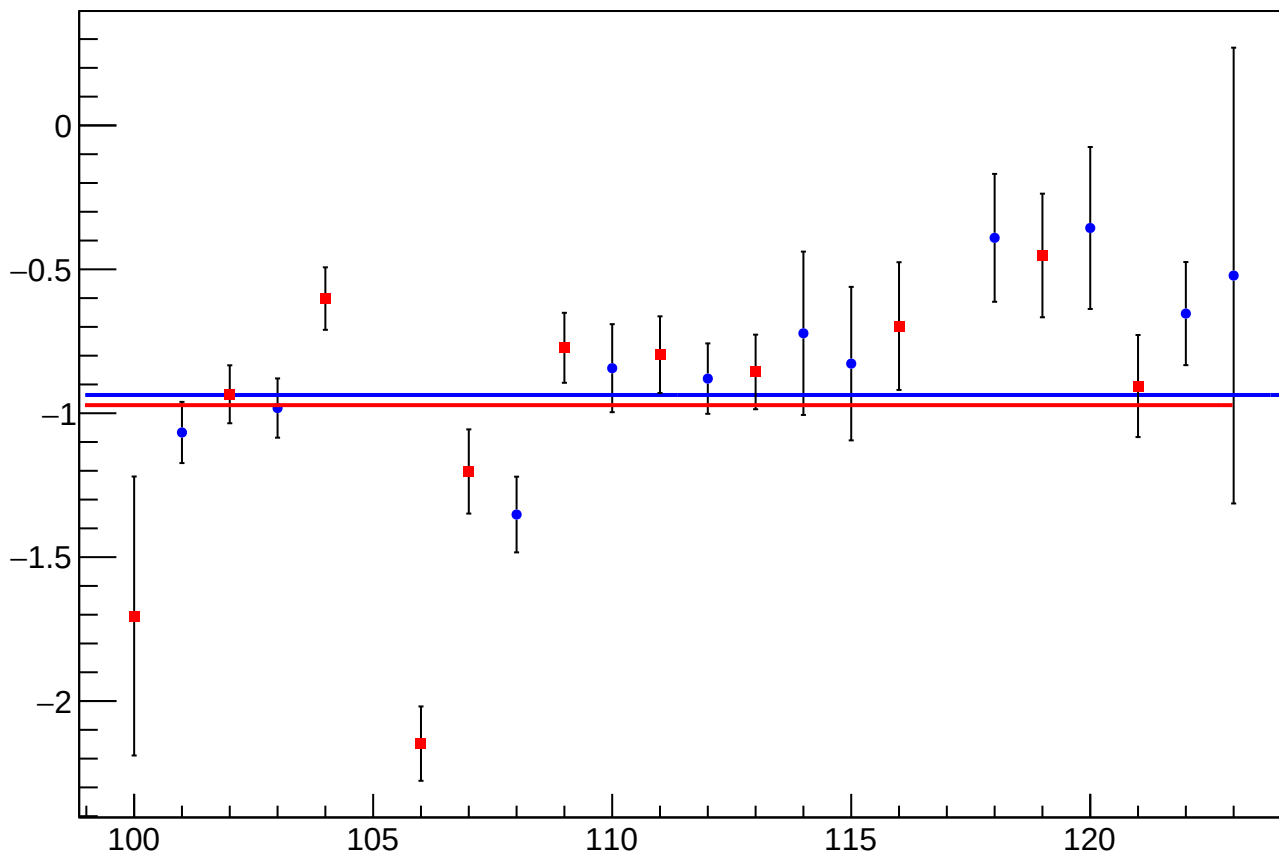
Right: 17.485+/-0.571 χ^2/NDF : 128.0/21

In: 17.276+/-0.834 χ^2/NDF : 87.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.485+/-0.571 χ^2/NDF : 128.0/21

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.937 ± 0.048 χ^2/NDF : 26.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.972 ± 0.043 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

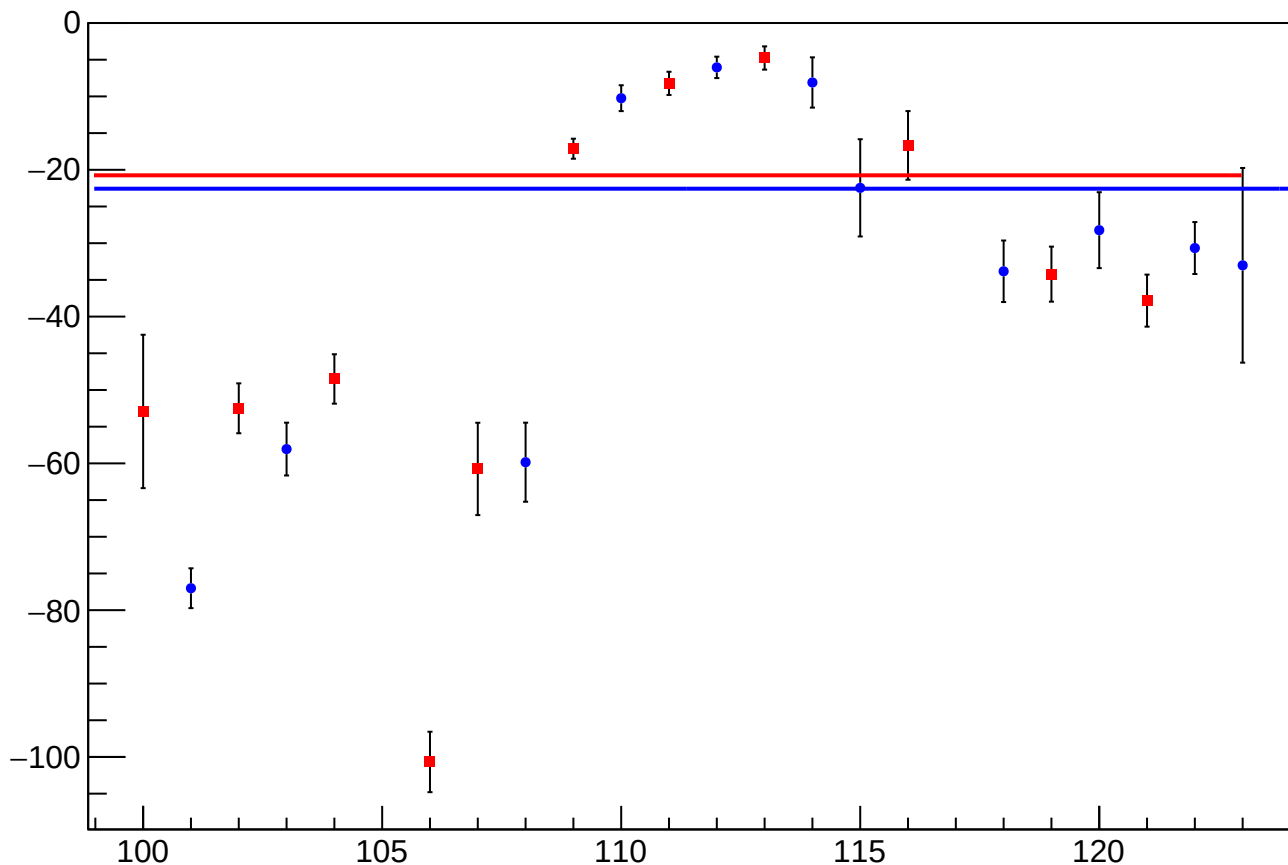
Right: -0.956 ± 0.032 χ^2/NDF : 138.5/21

In: -0.937 ± 0.048 χ^2/NDF : 26.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.956 ± 0.032 χ^2/NDF : 138.5/21

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.575+/-0.868 χ^2/NDF : 756.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.751+/-0.745 χ^2/NDF : 790.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

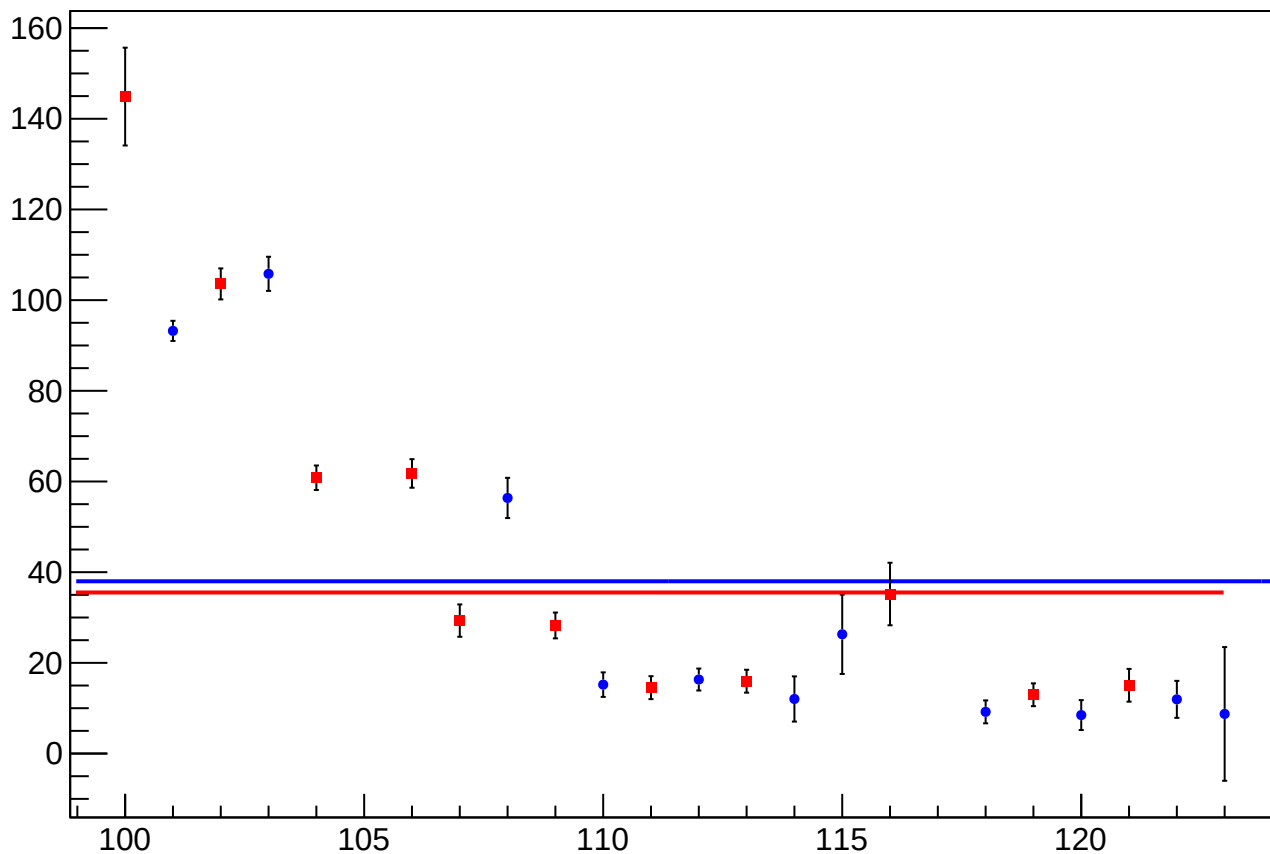
Right: -21.525+/-0.565 χ^2/NDF : 1550.3/21

In: -22.575+/-0.868 χ^2/NDF : 756.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.525+/-0.565 χ^2/NDF : 1550.3/21

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.992 $\pm$ 1.001 χ^2 /NDF: 1395.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.523 $\pm$ 0.953 χ^2 /NDF: 906.2/10

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

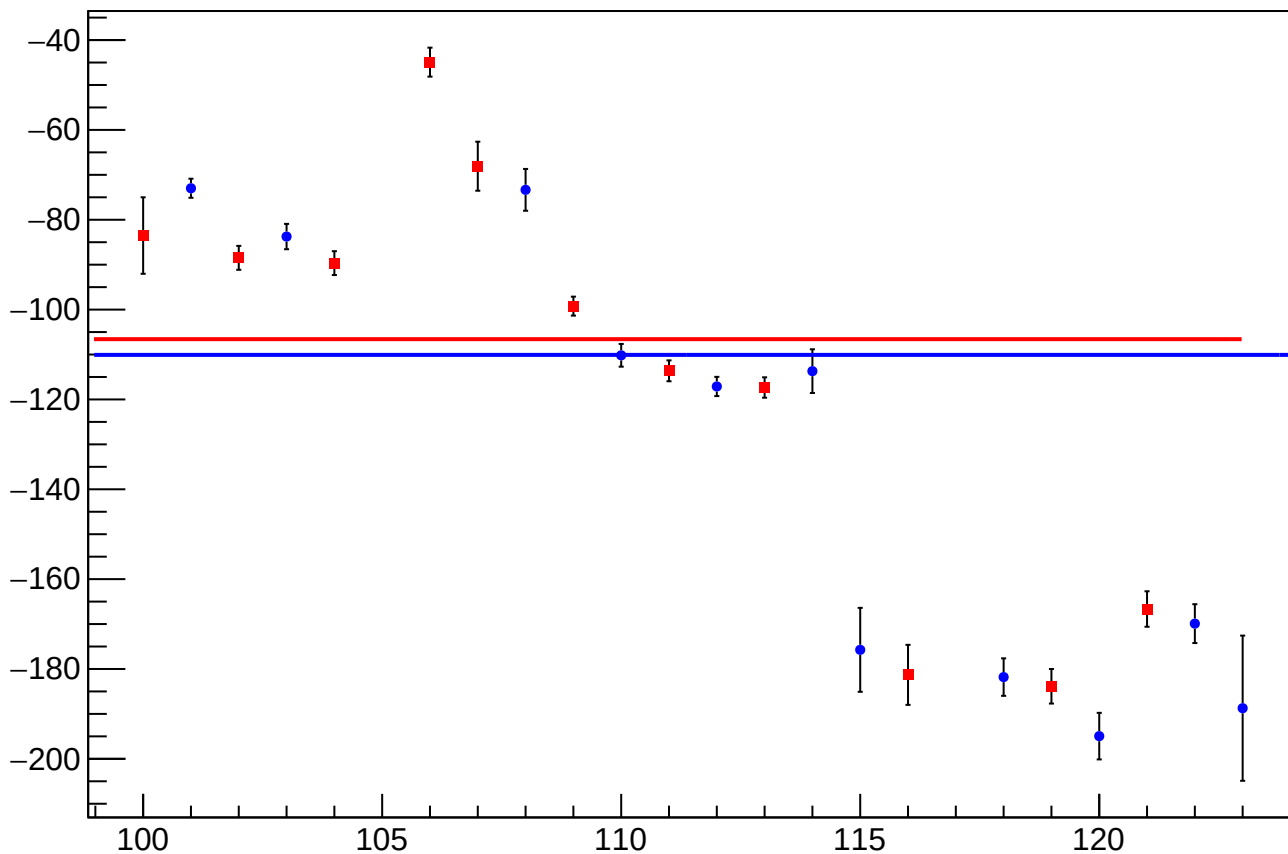
Right: 36.697 $\pm$ 0.690 χ^2 /NDF: 2304.8/21

In: 37.992 $\pm$ 1.001 χ^2 /NDF:1395.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.697 $\pm$ 0.690 χ^2 /NDF: 2304.8/21

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -110.081+/-1.013 χ^2/NDF : 1293.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.582+/-0.919 χ^2/NDF : 1313.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

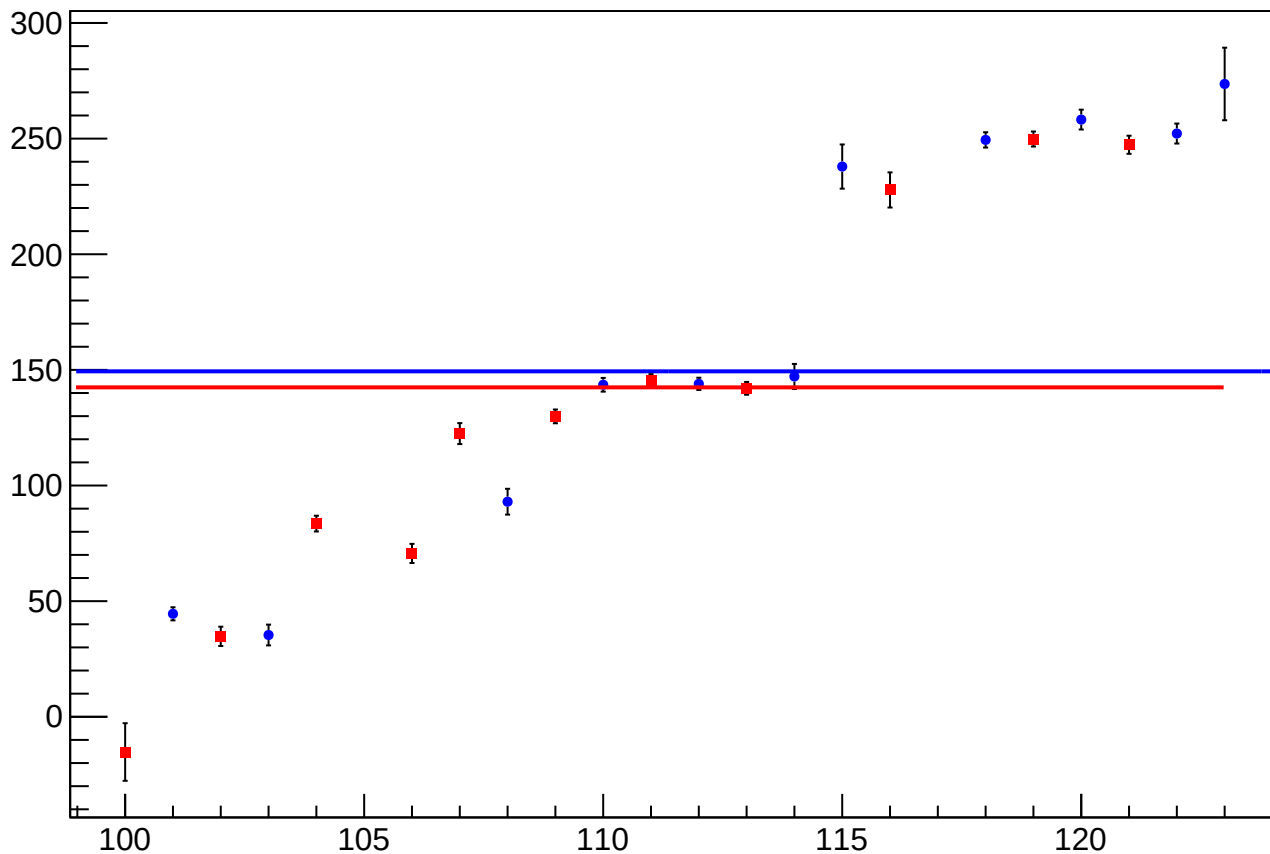
Right: -108.162+/-0.681 χ^2/NDF : 2614.1/21

In: -110.081+/-1.013 χ^2/NDF : 1293.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.162+/-0.681 χ^2/NDF : 2614.1/21

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 149.373+/-1.185 χ^2/NDF : 4404.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 142.446+/-1.111 χ^2/NDF : 3400.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

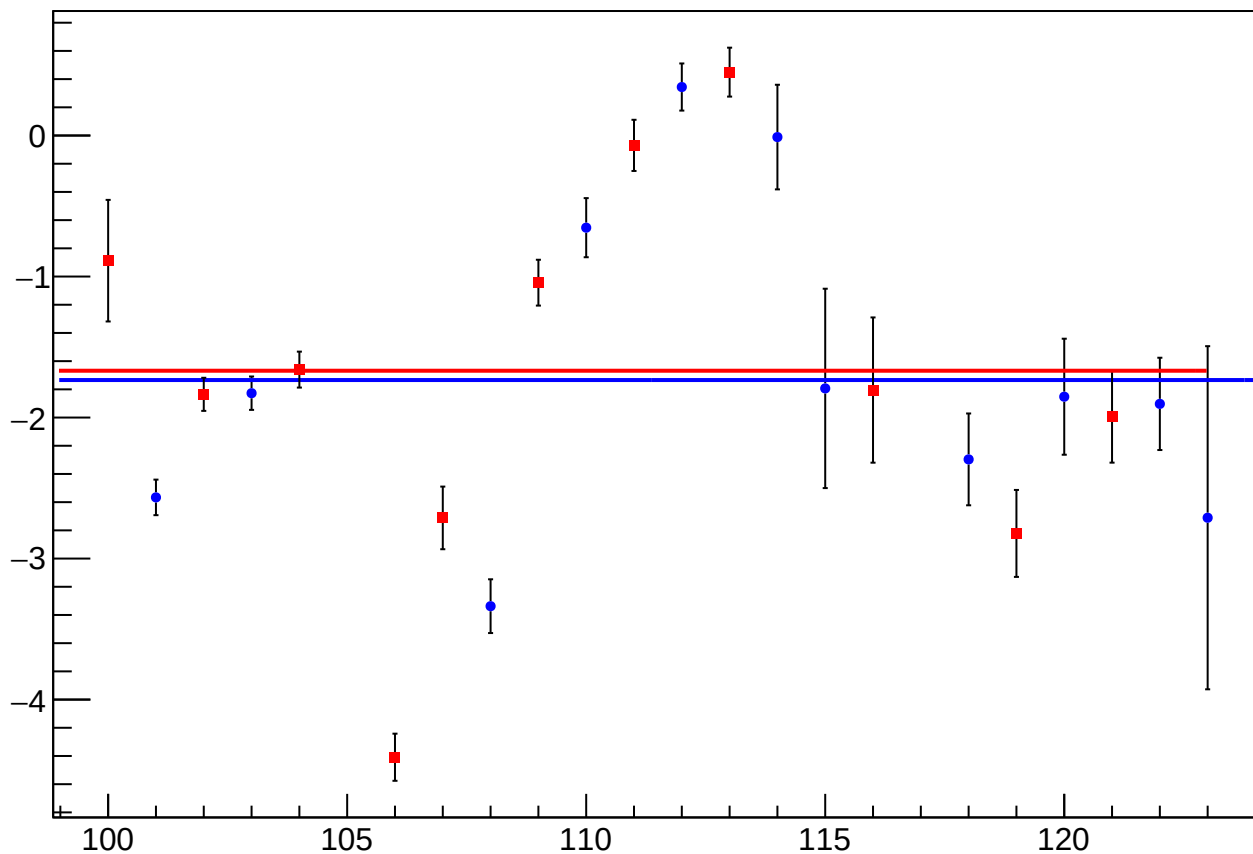
Right: 145.688+/-0.811 χ^2/NDF : 7823.2/21

In: 149.373+/-1.185 χ^2/NDF :4404.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 145.688+/-0.811 χ^2/NDF : 7823.2/21

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.734+/-0.063 χ^2/NDF : 321.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.668+/-0.056 χ^2/NDF : 552.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

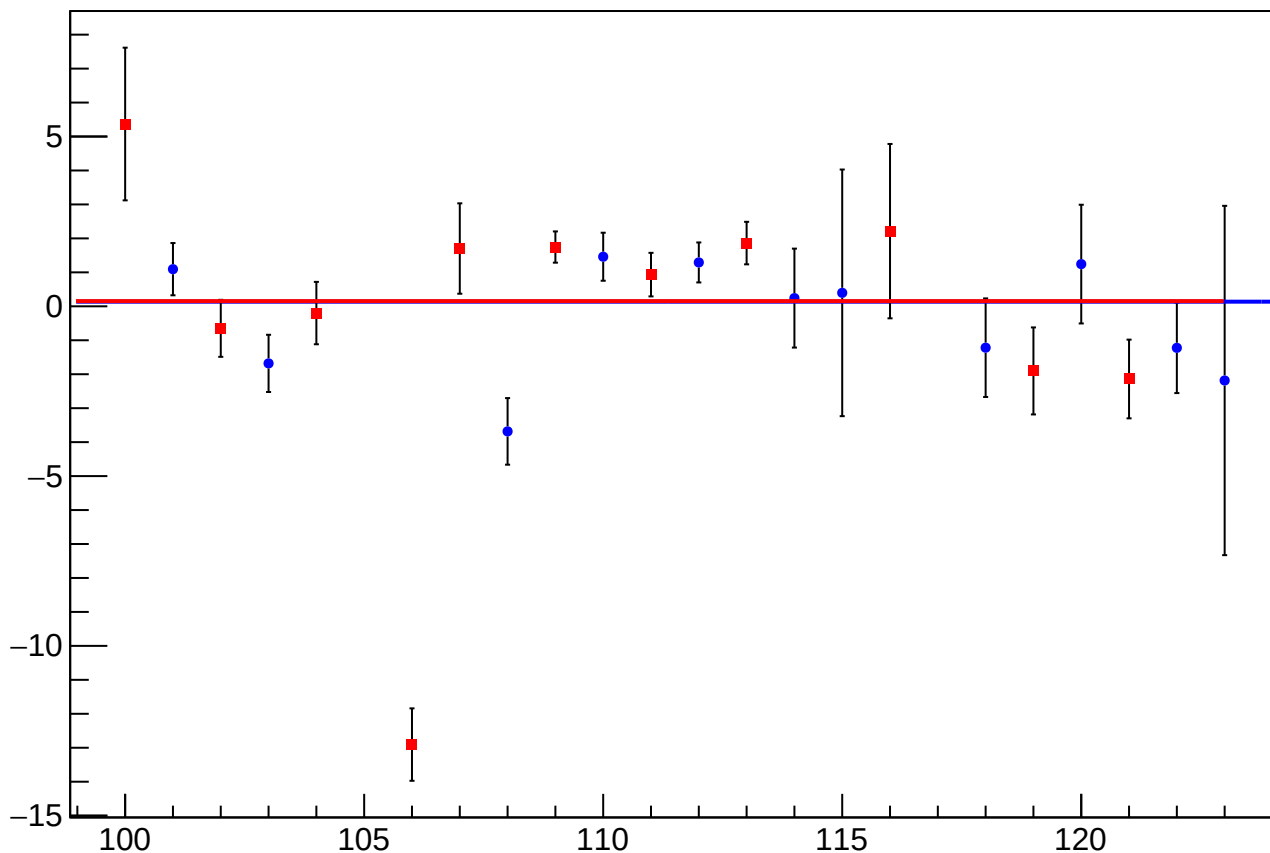
Right: -1.697+/-0.042 χ^2/NDF : 875.2/21

In: -1.734+/-0.063 χ^2/NDF : 321.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.697+/-0.042 χ^2/NDF : 875.2/21

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.136+/-0.302 χ^2/NDF : 31.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.153+/-0.254 χ^2/NDF : 185.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

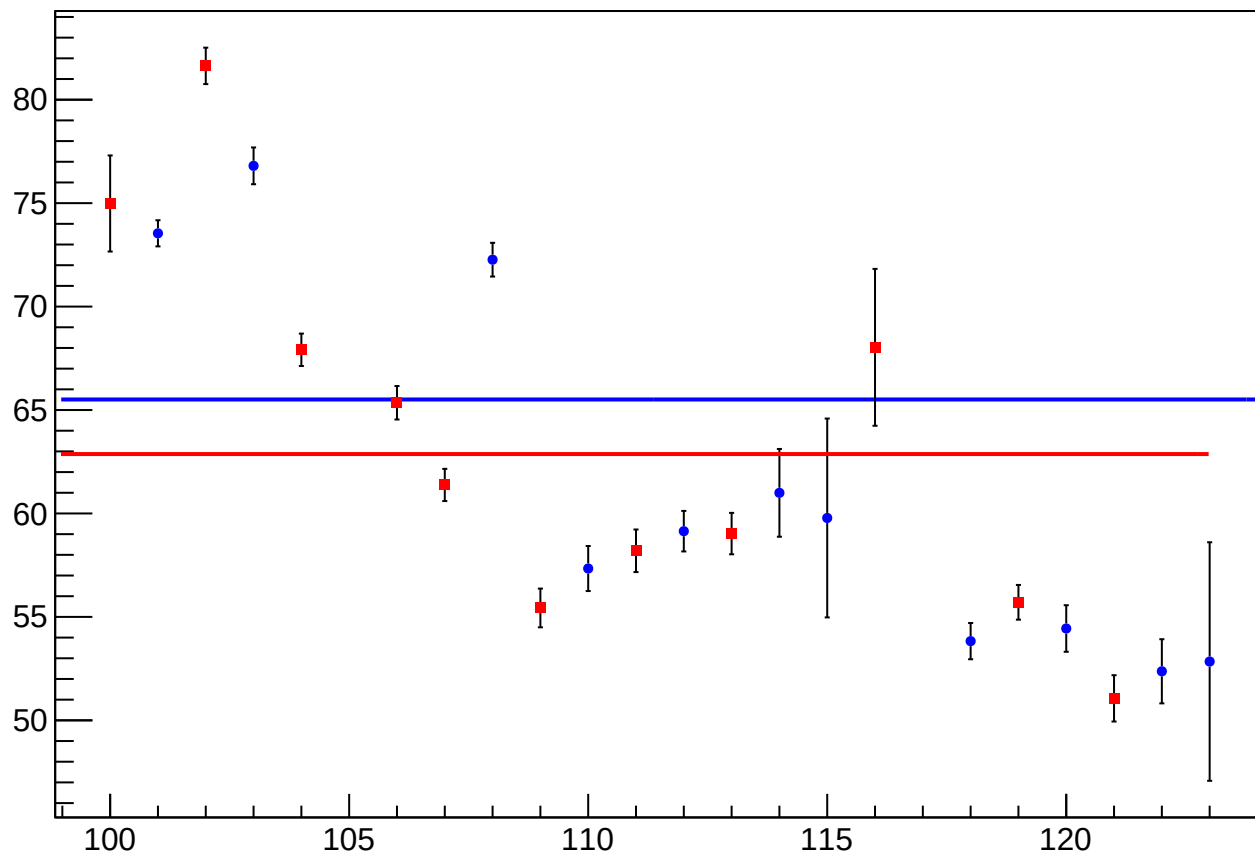
Right: 0.146+/-0.195 χ^2/NDF : 217.0/21

In: 0.136+/-0.302 χ^2/NDF :31.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.146+/-0.195 χ^2/NDF : 217.0/21

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.510+/-0.317 χ^2/NDF : 847.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.872+/-0.293 χ^2/NDF : 820.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

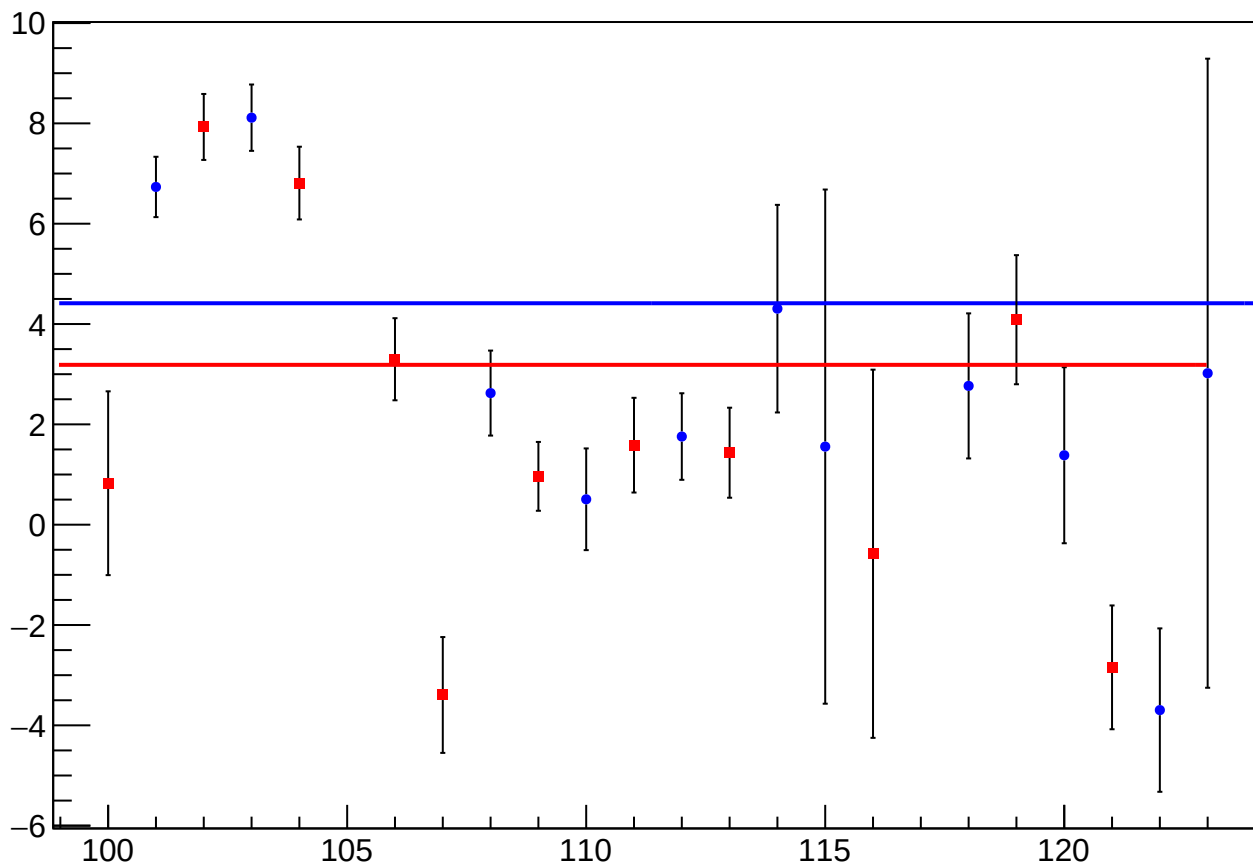
Right: 64.087+/-0.215 χ^2/NDF : 1705.5/21

In: 65.510+/-0.317 χ^2/NDF : 847.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.087+/-0.215 χ^2/NDF : 1705.5/21

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.414+/-0.313 χ^2/NDF : 104.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.186+/-0.282 χ^2/NDF : 153.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

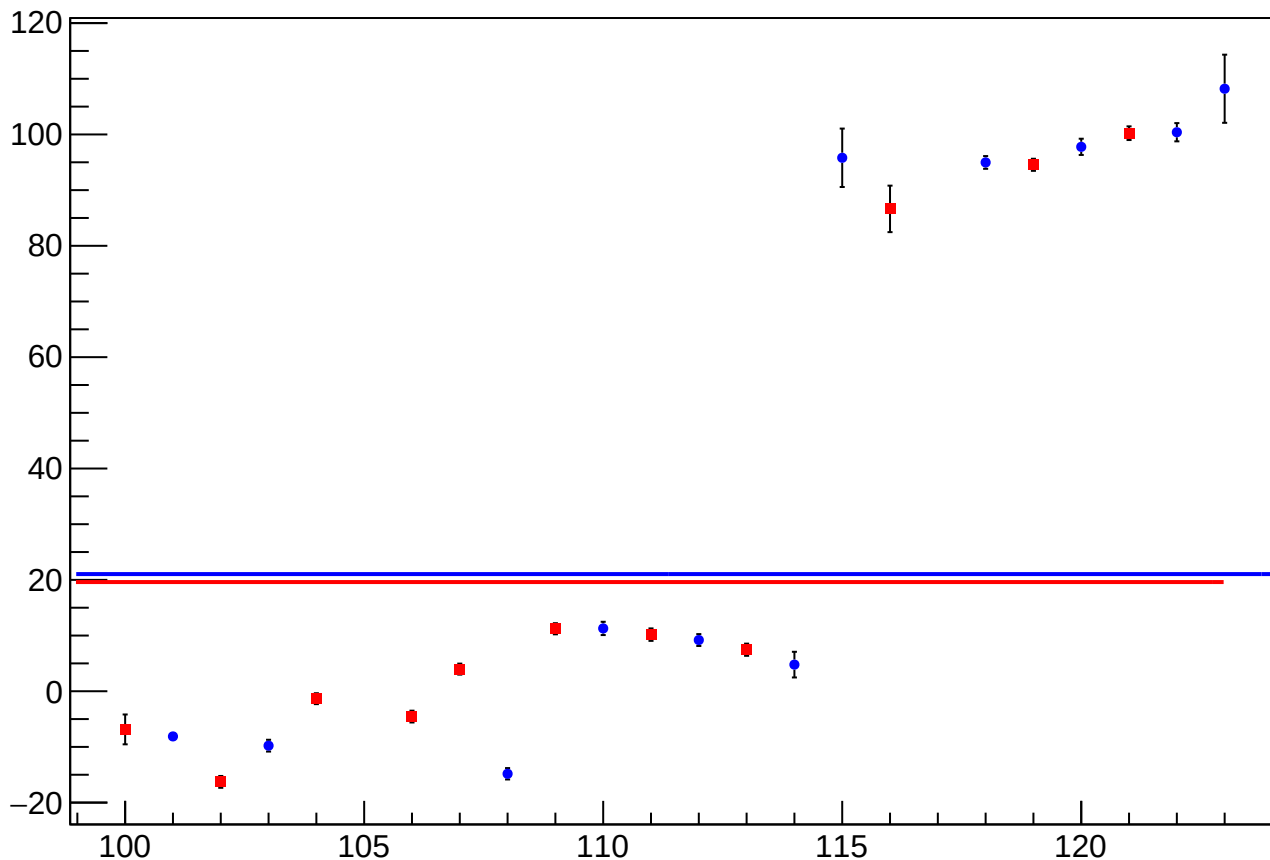
Right: 3.737+/-0.209 χ^2/NDF : 266.7/21

In: 4.414+/-0.313 χ^2/NDF : 104.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.737+/-0.209 χ^2/NDF : 266.7/21

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.041+/-0.382 χ^2/NDF : 13334.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.609+/-0.349 χ^2/NDF : 12072.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

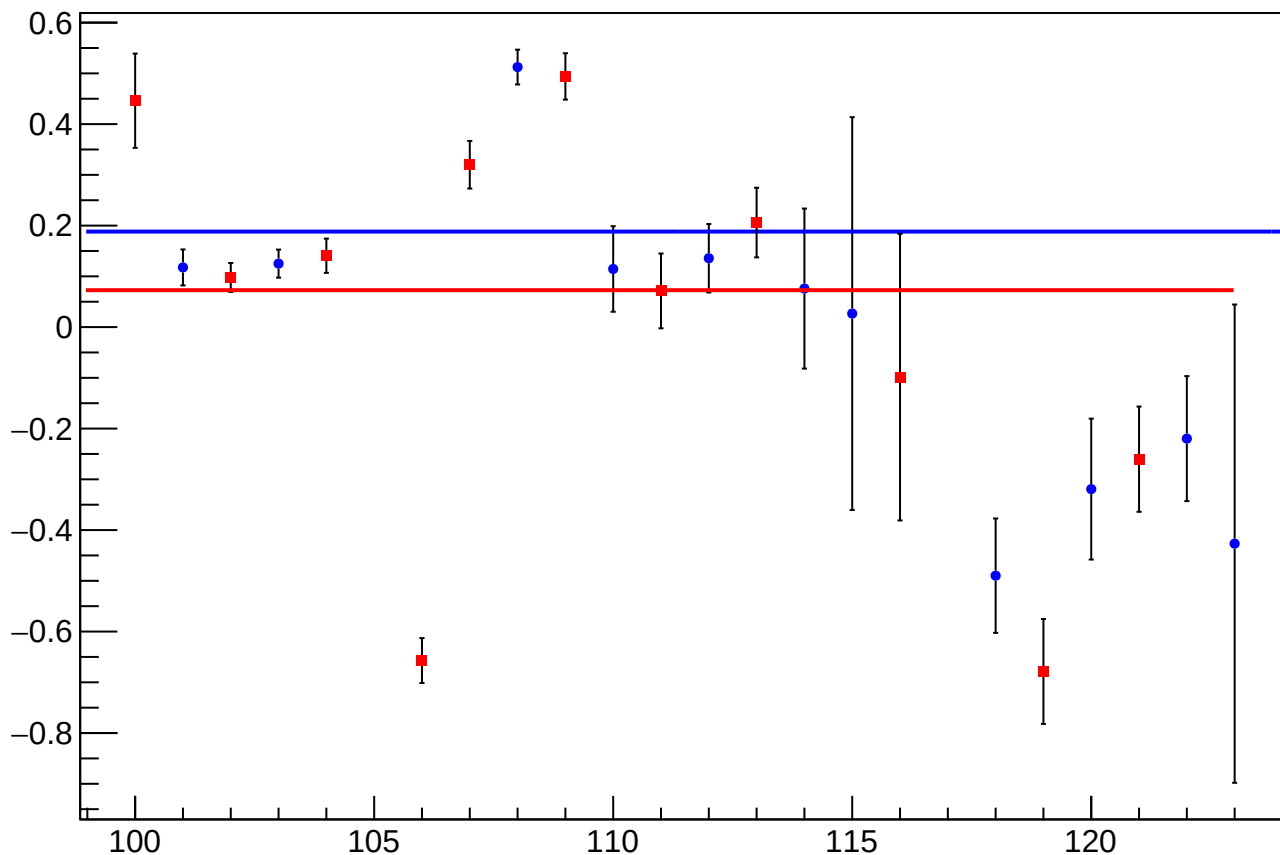
Right: 20.260+/-0.258 χ^2/NDF : 25414.7/21

In: 21.041+/-0.382 χ^2/NDF : 13334.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.260+/-0.258 χ^2/NDF : 25414.7/21

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.188+/-0.017 χ^2/NDF : 162.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.015 χ^2/NDF : 472.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

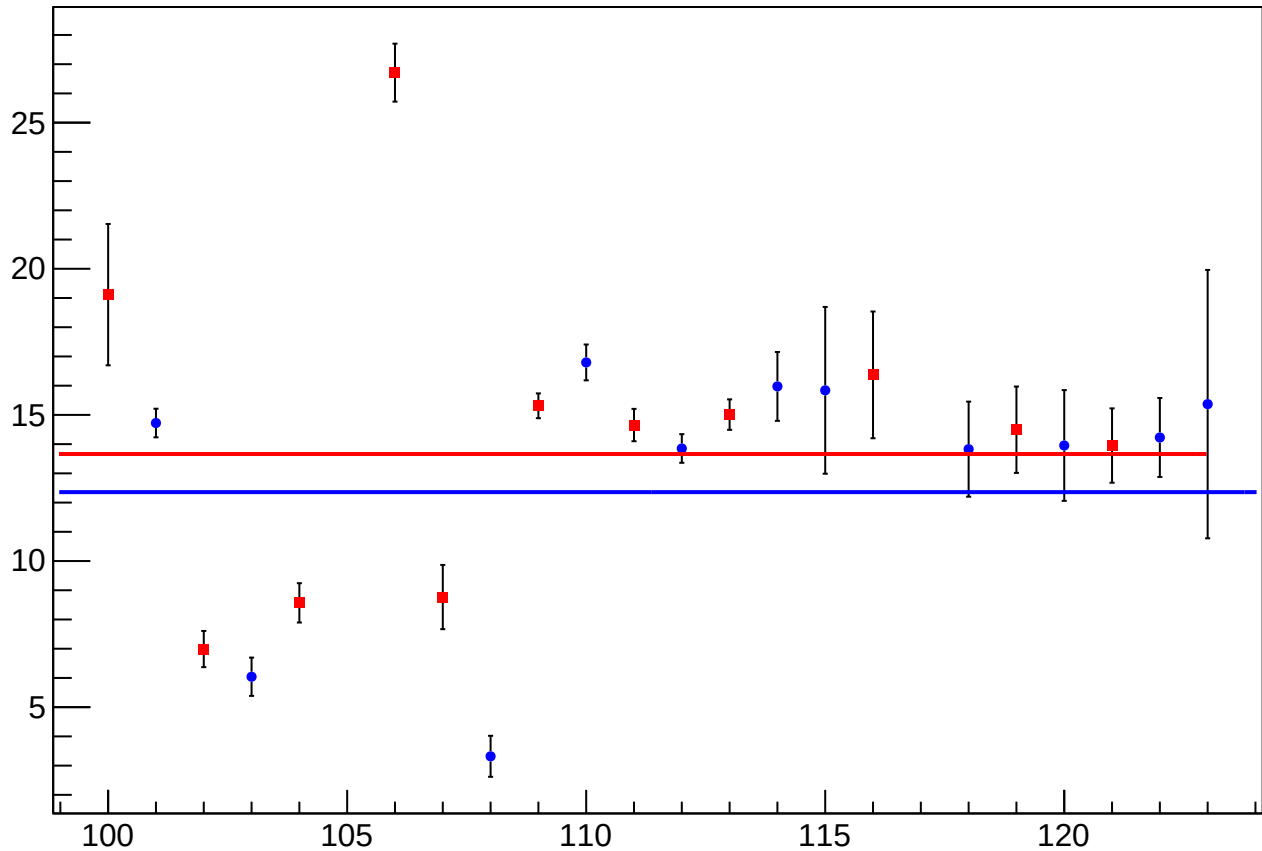
Right: 0.125+/-0.011 χ^2/NDF : 661.7/21

In: 0.188+/-0.017 χ^2/NDF : 162.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.125+/-0.011 χ^2/NDF : 661.7/21

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.357+/-0.239 χ^2 /NDF: 358.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 13.662+/-0.220 χ^2 /NDF: 398.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

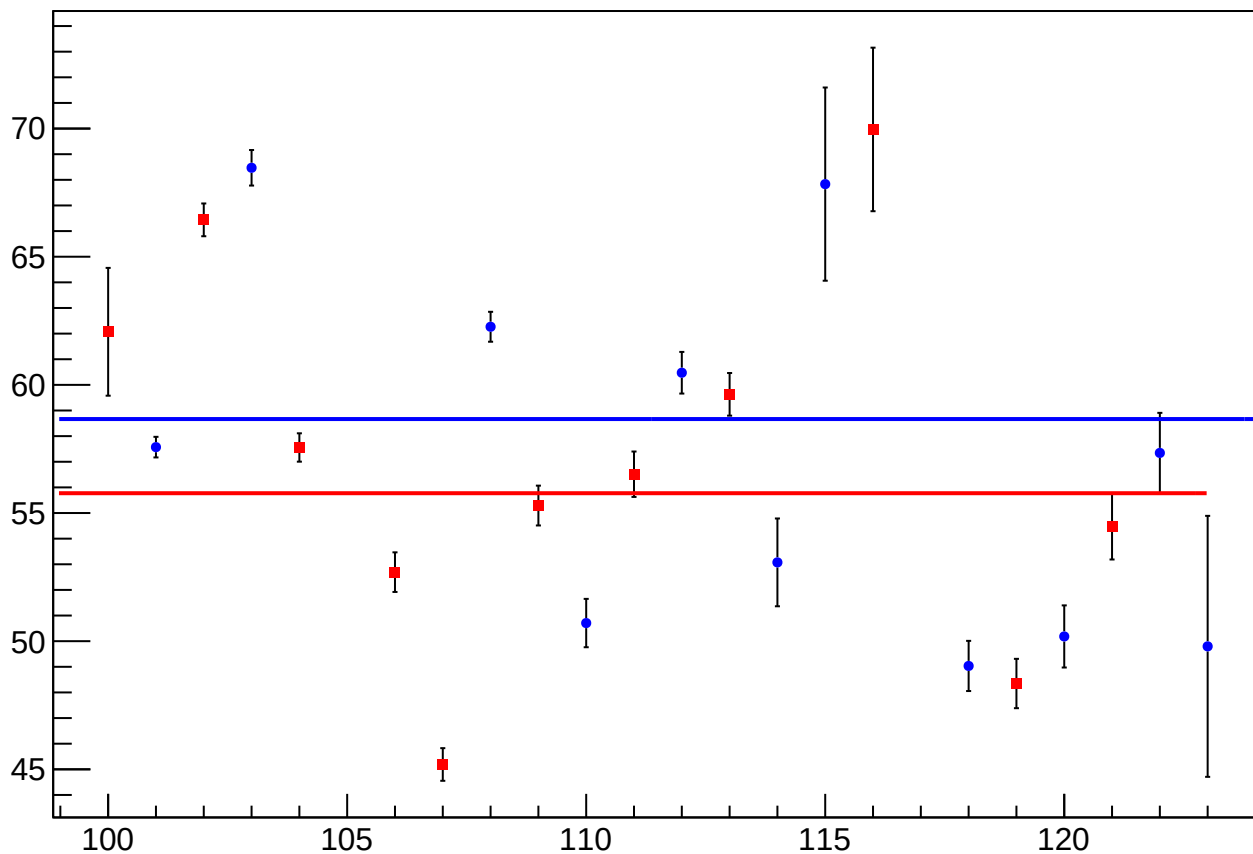
Right: 13.064+/-0.162 χ^2 /NDF: 773.5/21

In: 12.357+/-0.239 χ^2 /NDF:358.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.064+/-0.162 χ^2 /NDF: 773.5/21

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.666 $\pm$ 0.247 χ^2 /NDF: 487.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.773 $\pm$ 0.249 χ^2 /NDF: 690.1/10

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

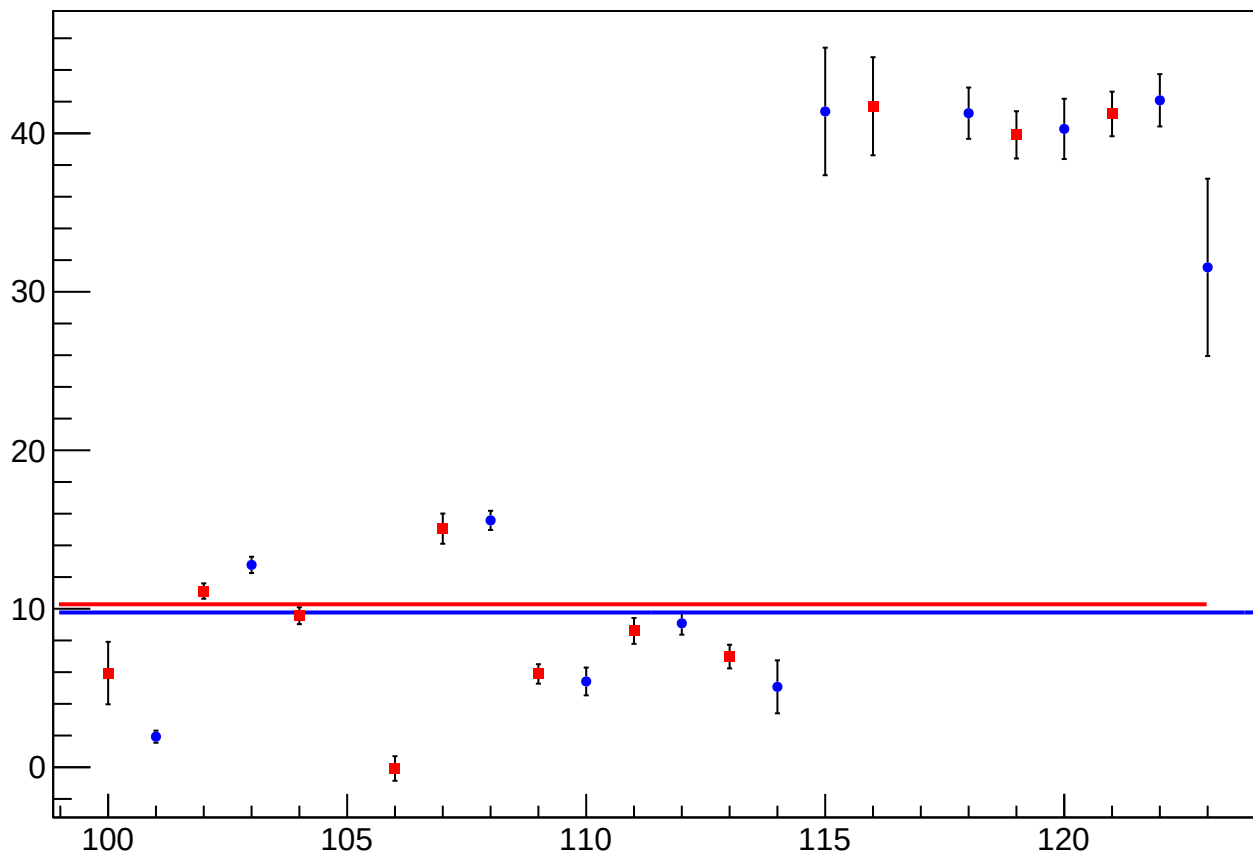
Right: 57.231 $\pm$ 0.175 χ^2 /NDF: 1246.0/21

In: 58.666 $\pm$ 0.247 χ^2 /NDF:487.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.231 $\pm$ 0.175 χ^2 /NDF: 1246.0/21

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.765+/-0.235 χ^2/NDF : 1675.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.282+/-0.237 χ^2/NDF : 1269.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

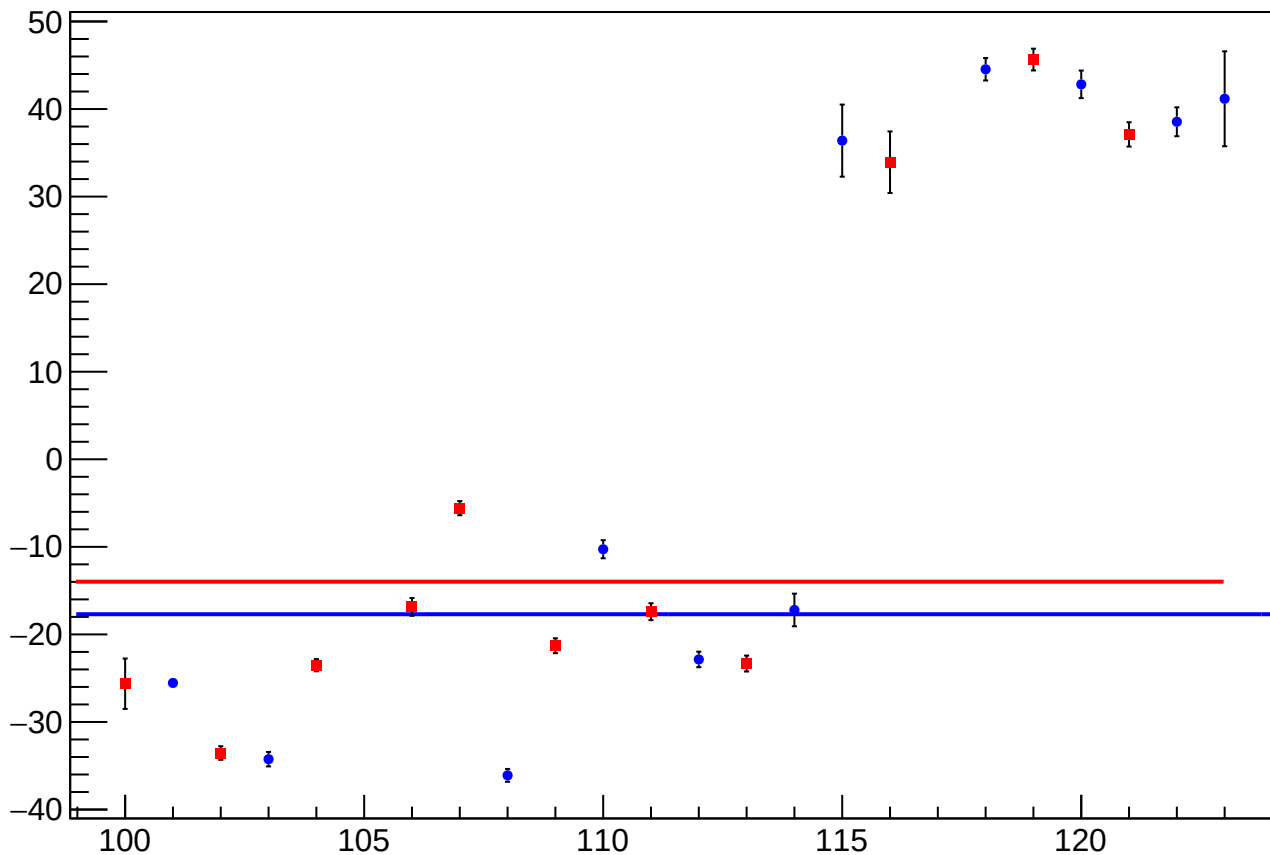
Right: 10.022+/-0.167 χ^2/NDF : 2947.4/21

In: 9.765+/-0.235 χ^2/NDF :1675.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.022+/-0.167 χ^2/NDF : 2947.4/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.694 $\pm$ 0.300 χ^2 /NDF: 6642.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.978 $\pm$ 0.298 χ^2 /NDF: 4982.5/10

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

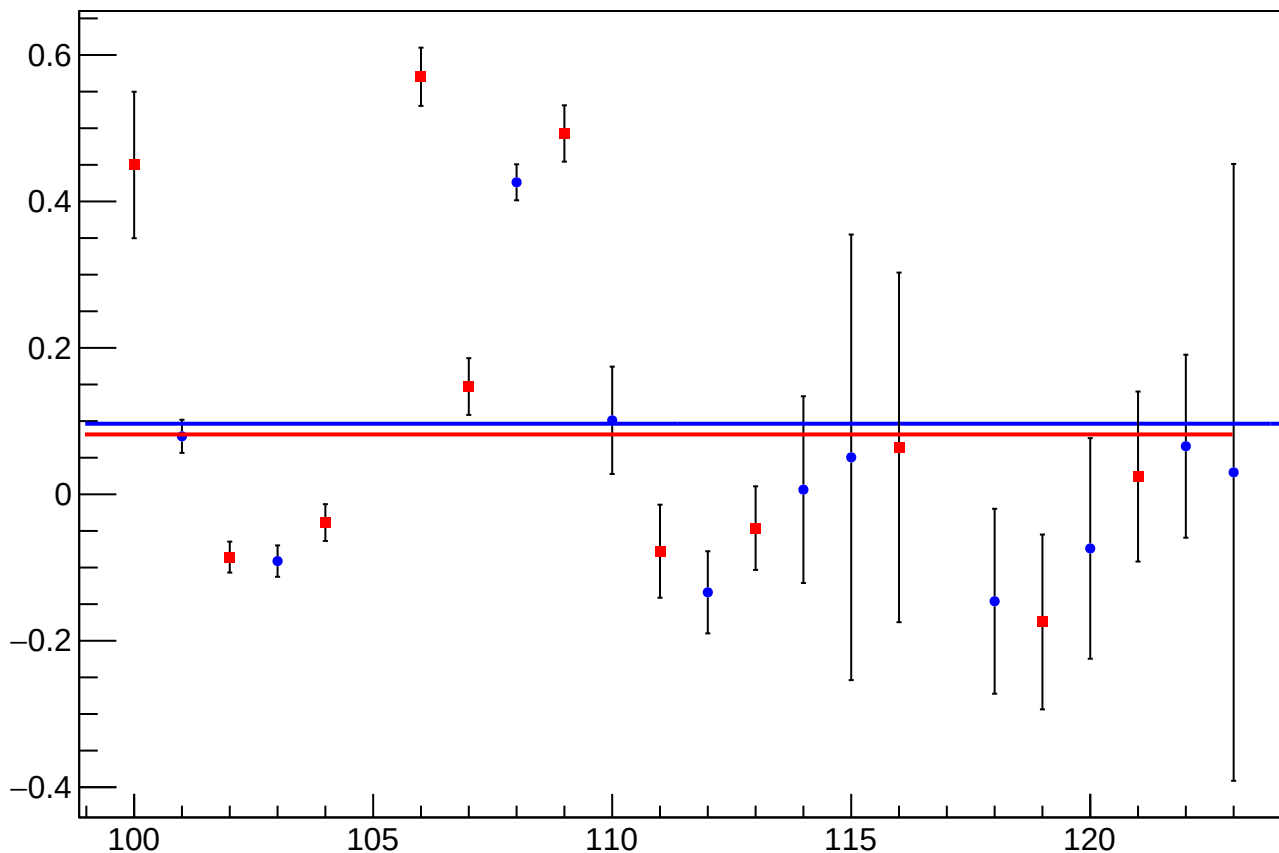
Right: -15.825 $\pm$ 0.211 χ^2 /NDF: 11702.6/21

In: -17.694 $\pm$ 0.300 χ^2 /NDF:6642.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.825 $\pm$ 0.211 χ^2 /NDF: 11702.6/21

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.096+/-0.012 χ^2/NDF : 279.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.082+/-0.012 χ^2/NDF : 383.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

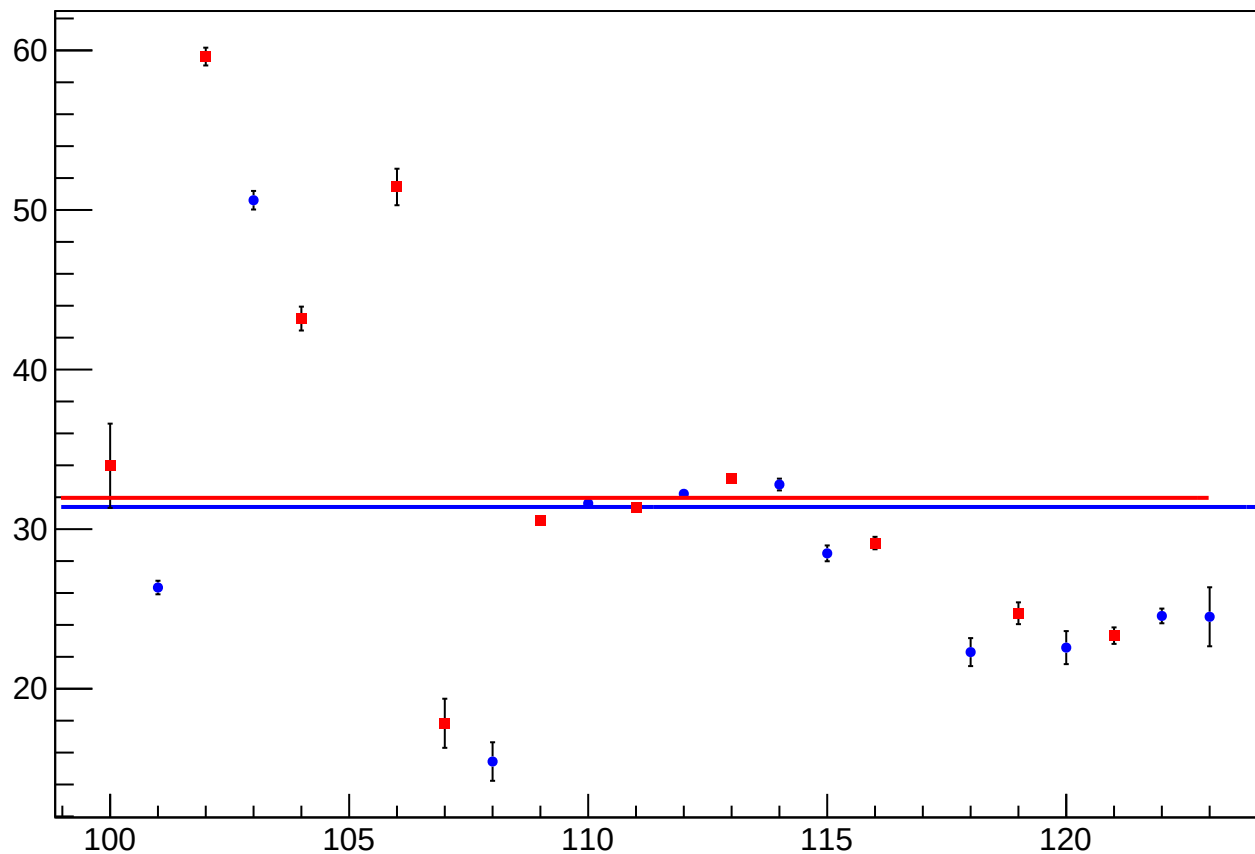
Right: 0.089+/-0.009 χ^2/NDF : 663.1/21

In: 0.096+/-0.012 χ^2/NDF : 279.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.009 χ^2/NDF : 663.1/21

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.390+/-0.104 χ^2/NDF : 1895.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.962+/-0.086 χ^2/NDF : 3663.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

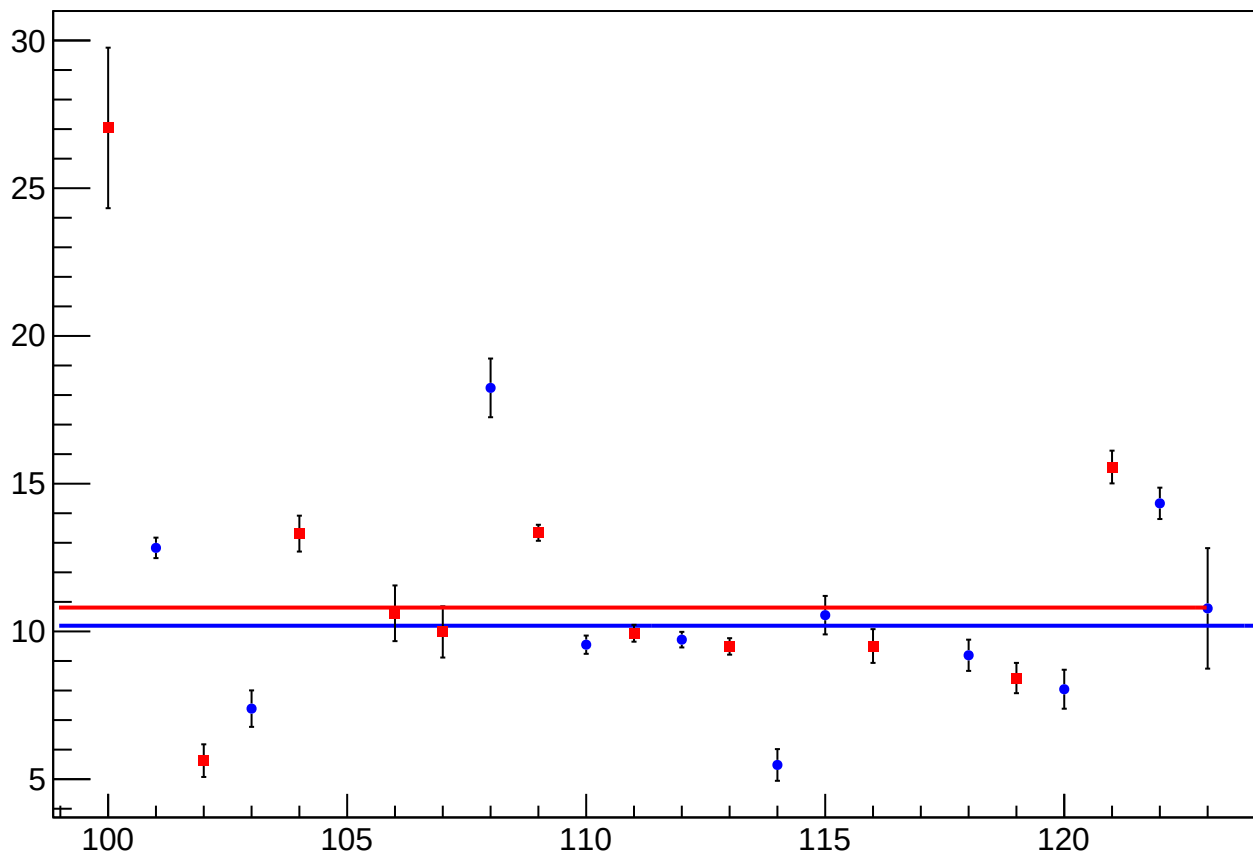
Right: 31.729+/-0.067 χ^2/NDF : 5577.4/21

In: 31.390+/-0.104 χ^2/NDF : 1895.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.729+/-0.067 χ^2/NDF : 5577.4/21

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.193+/-0.138 χ^2/NDF : 304.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.808+/-0.132 χ^2/NDF : 360.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

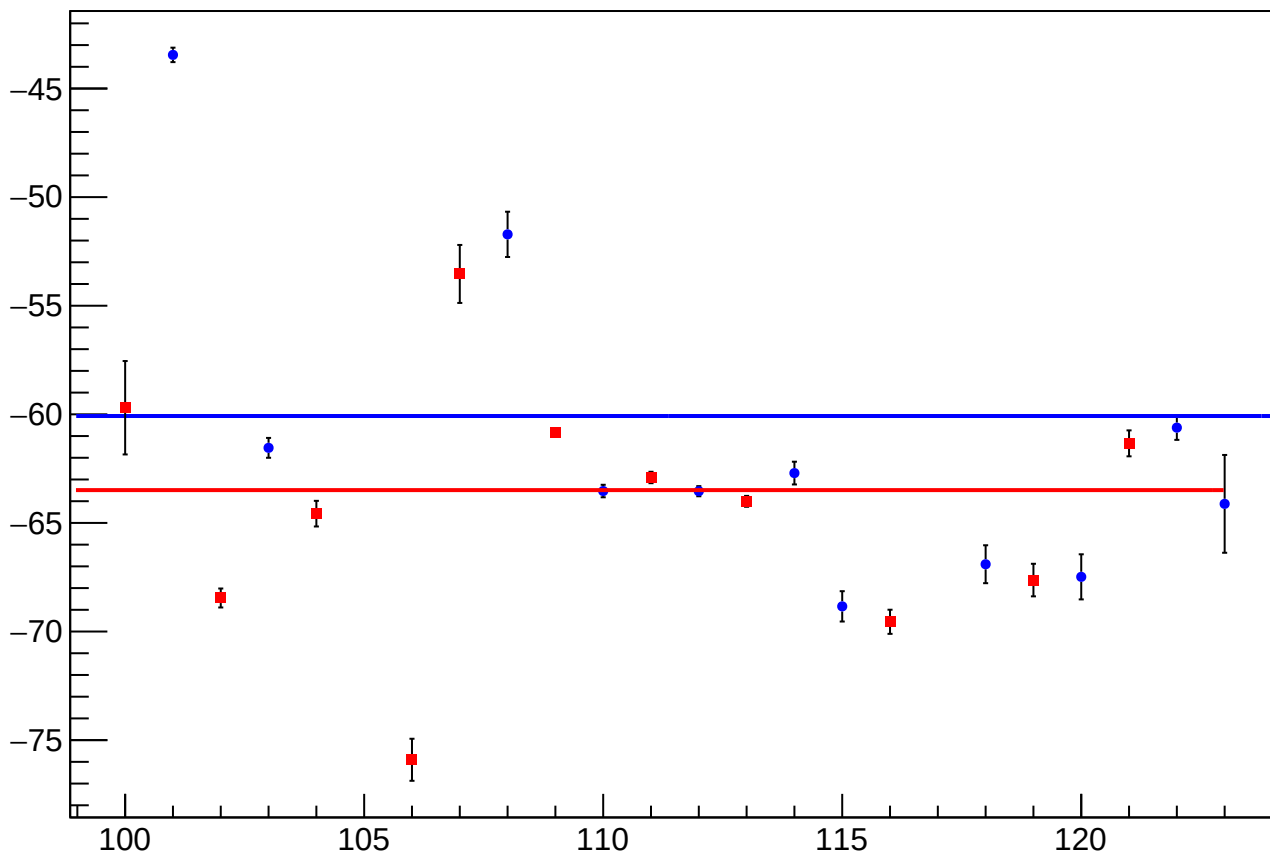
Right: 10.515+/-0.095 χ^2/NDF : 675.5/21

In: 10.193+/-0.138 χ^2/NDF : 304.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.515+/-0.095 χ^2/NDF : 675.5/21

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.077 ± 0.133 $\chi^2/\text{NDF}: 3236.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.489 ± 0.120 $\chi^2/\text{NDF}: 678.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

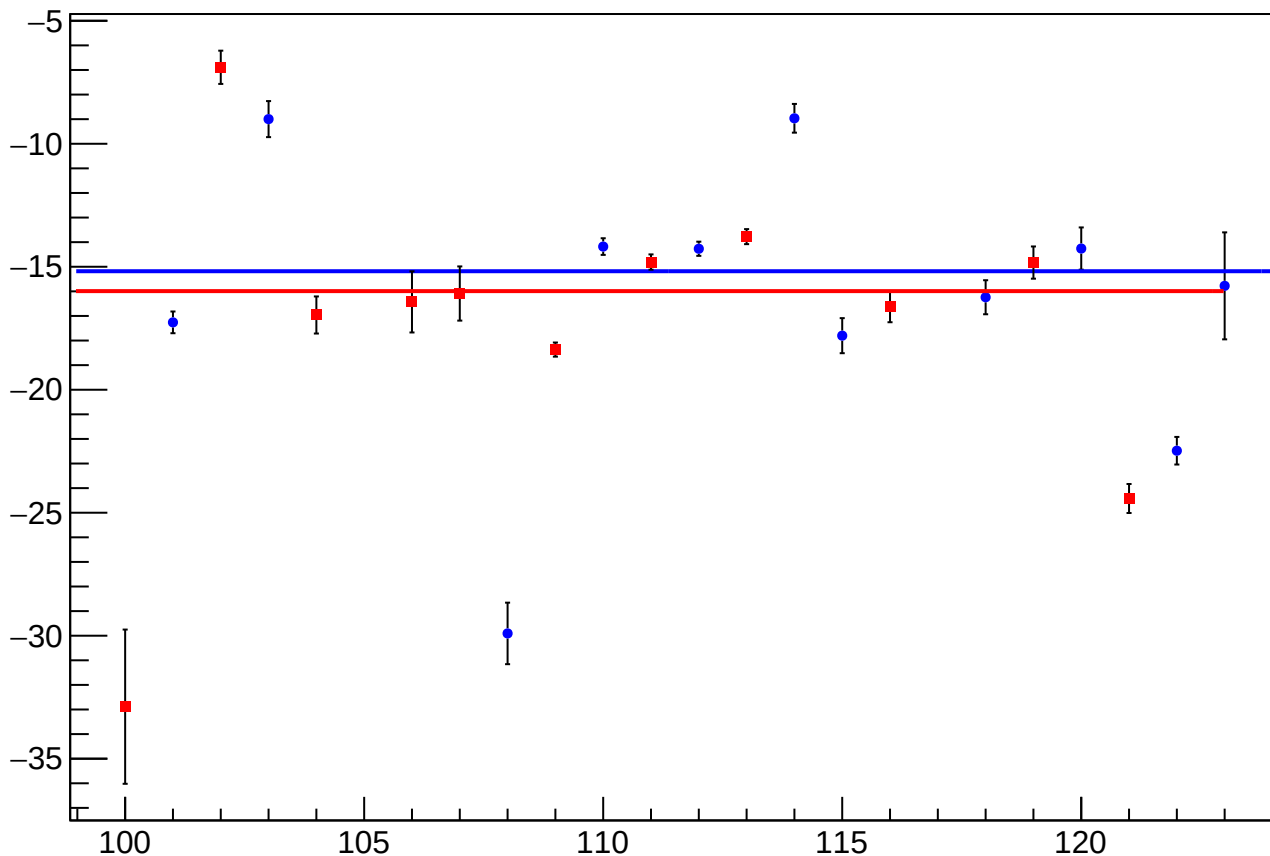
Right: -61.962 ± 0.089 $\chi^2/\text{NDF}: 4278.2/21$

In: -60.077 ± 0.133 $\chi^2/\text{NDF}: 3236.8/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.962 ± 0.089 $\chi^2/\text{NDF}: 4278.2/21$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.182 ± 0.158 χ^2/NDF : 550.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.990 ± 0.147 χ^2/NDF : 556.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

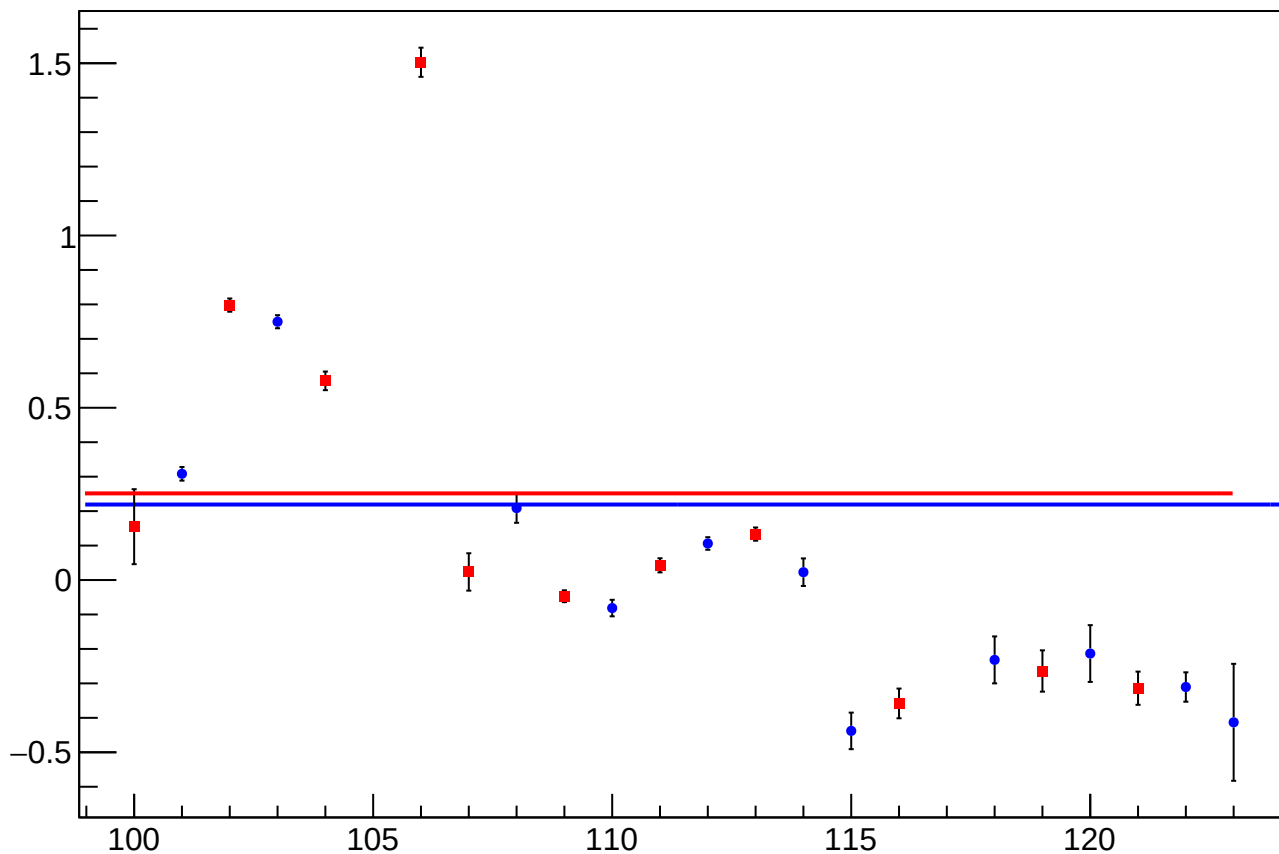
Right: -15.616 ± 0.107 χ^2/NDF : 1121.2/21

In: -15.182 ± 0.158 χ^2/NDF : 550.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.616 ± 0.107 χ^2/NDF : 1121.2/21

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.219+/-0.009 χ^2/NDF : 1412.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.251+/-0.008 χ^2/NDF : 2704.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

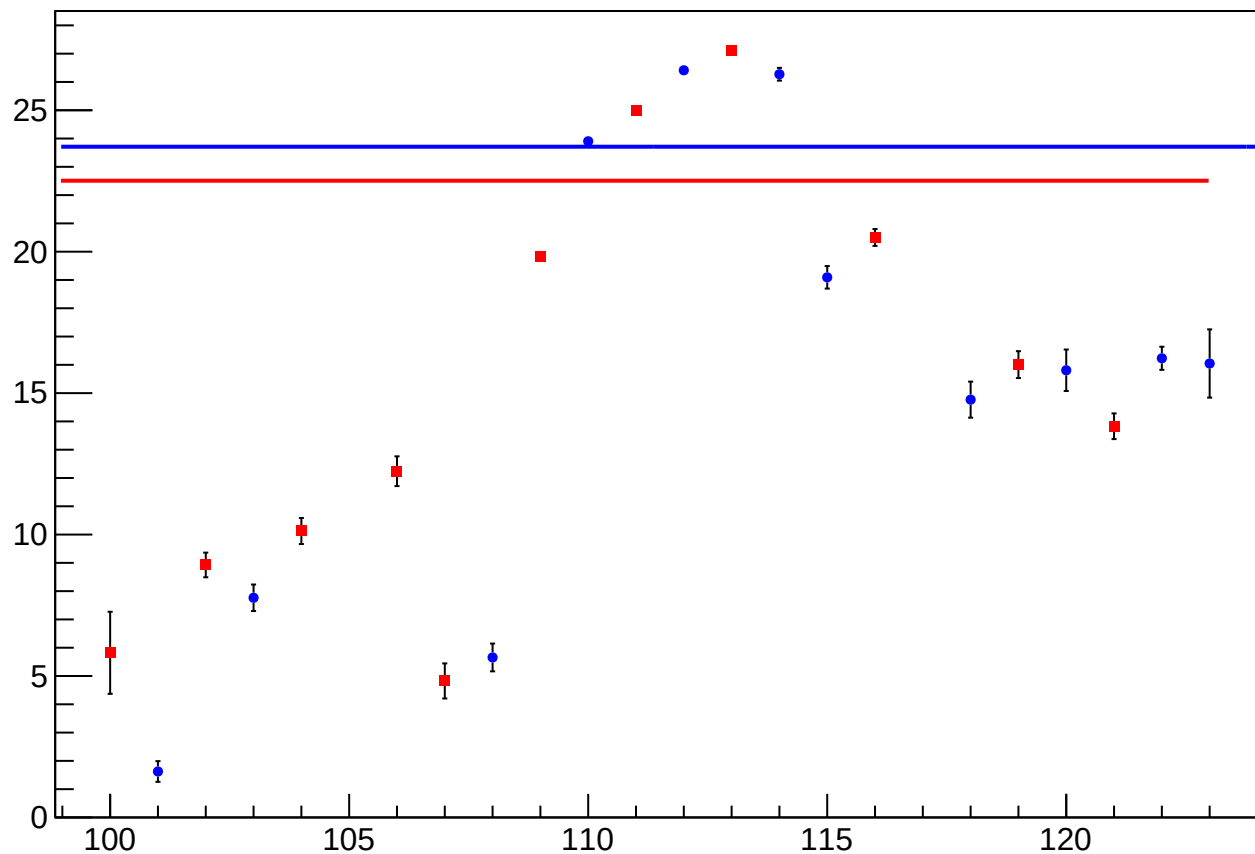
Right: 0.237+/-0.006 χ^2/NDF : 4124.4/21

In: 0.219+/-0.009 χ^2/NDF :1412.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.237+/-0.006 χ^2/NDF : 4124.4/21

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.711+/-0.060 χ^2/NDF : 8086.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.509+/-0.048 χ^2/NDF : 7760.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

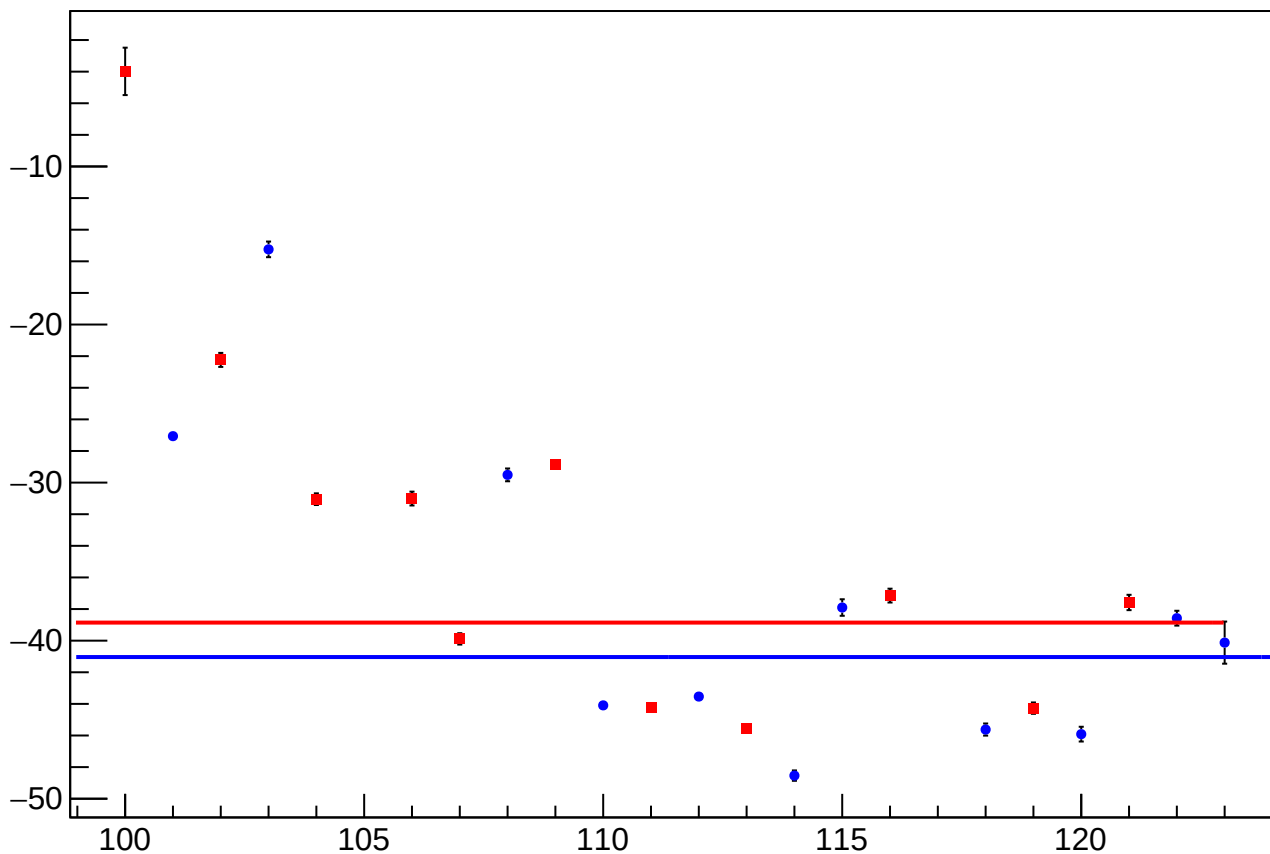
Right: 22.975+/-0.038 χ^2/NDF : 16090.1/21

In: 23.711+/-0.060 χ^2/NDF : 8086.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.975+/-0.038 χ^2/NDF : 16090.1/21

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.037 ± 0.086 χ^2/NDF : 7219.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.857 ± 0.077 χ^2/NDF : 9698.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

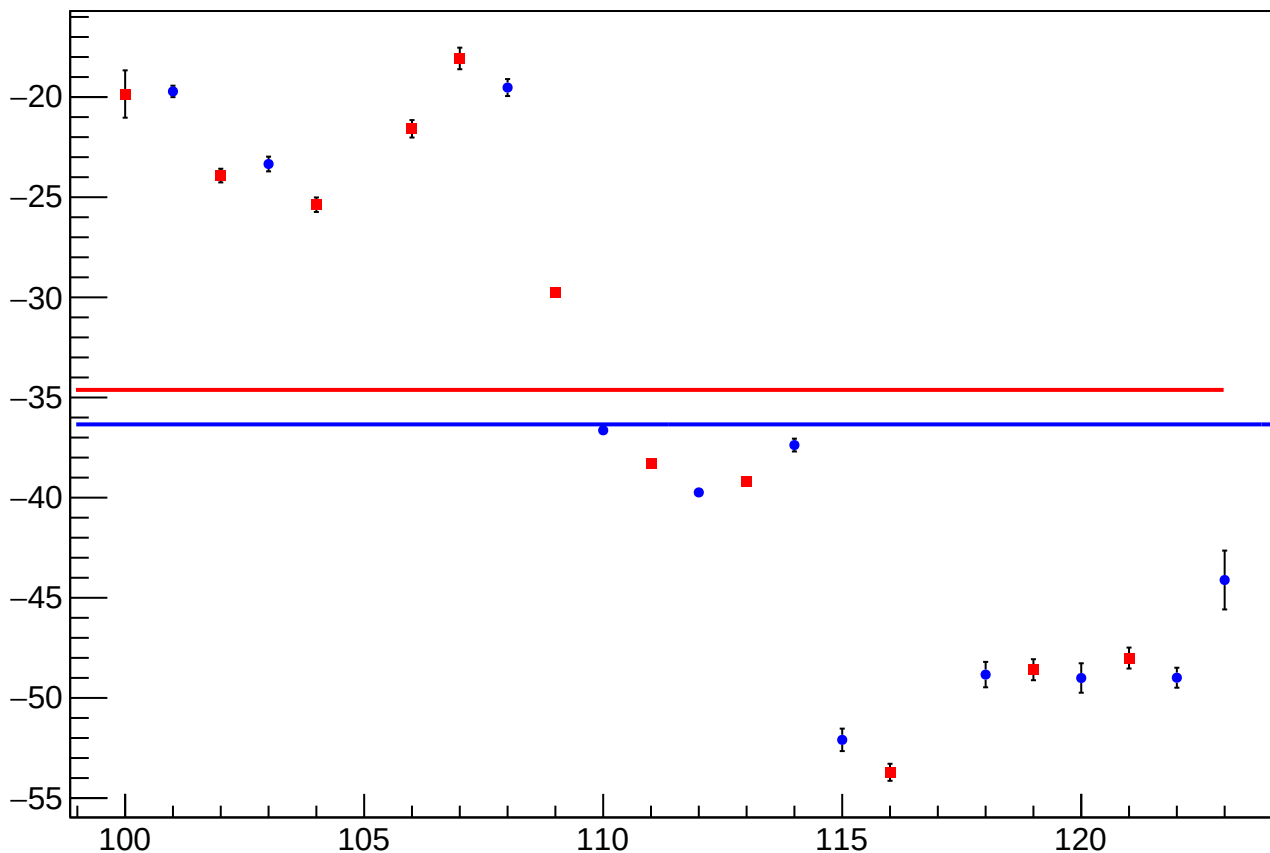
Right: -39.836 ± 0.057 χ^2/NDF : 17274.1/21

In: -41.037 ± 0.086 χ^2/NDF : 7219.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.836 ± 0.057 χ^2/NDF : 17274.1/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.342 ± 0.081 χ^2/NDF : 9073.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.620 ± 0.068 χ^2/NDF : 10483.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

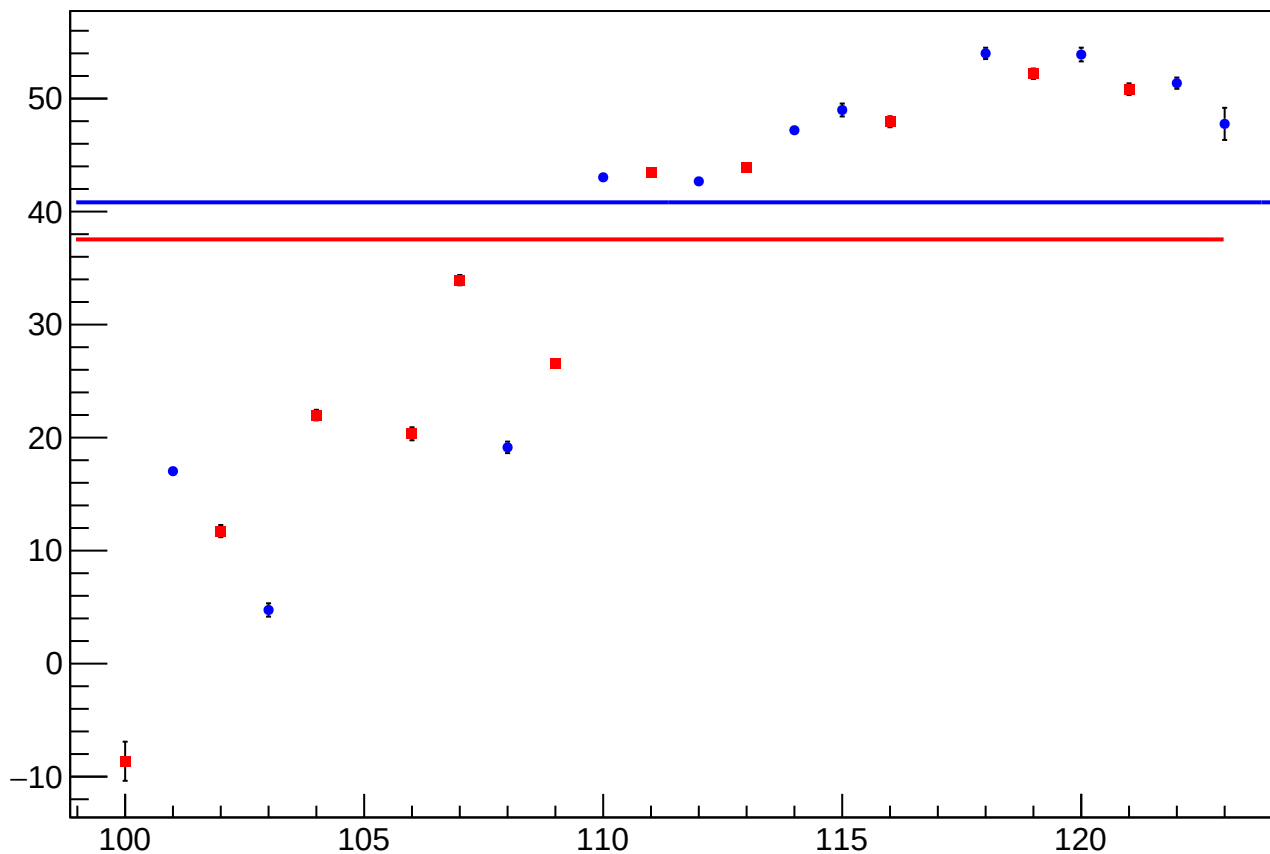
Right: -35.333 ± 0.052 χ^2/NDF : 19821.5/21

In: -36.342 ± 0.081 χ^2/NDF : 9073.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.333 ± 0.052 χ^2/NDF : 19821.5/21

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.819+/-0.097 χ^2/NDF : 11932.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.538+/-0.086 χ^2/NDF : 14056.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

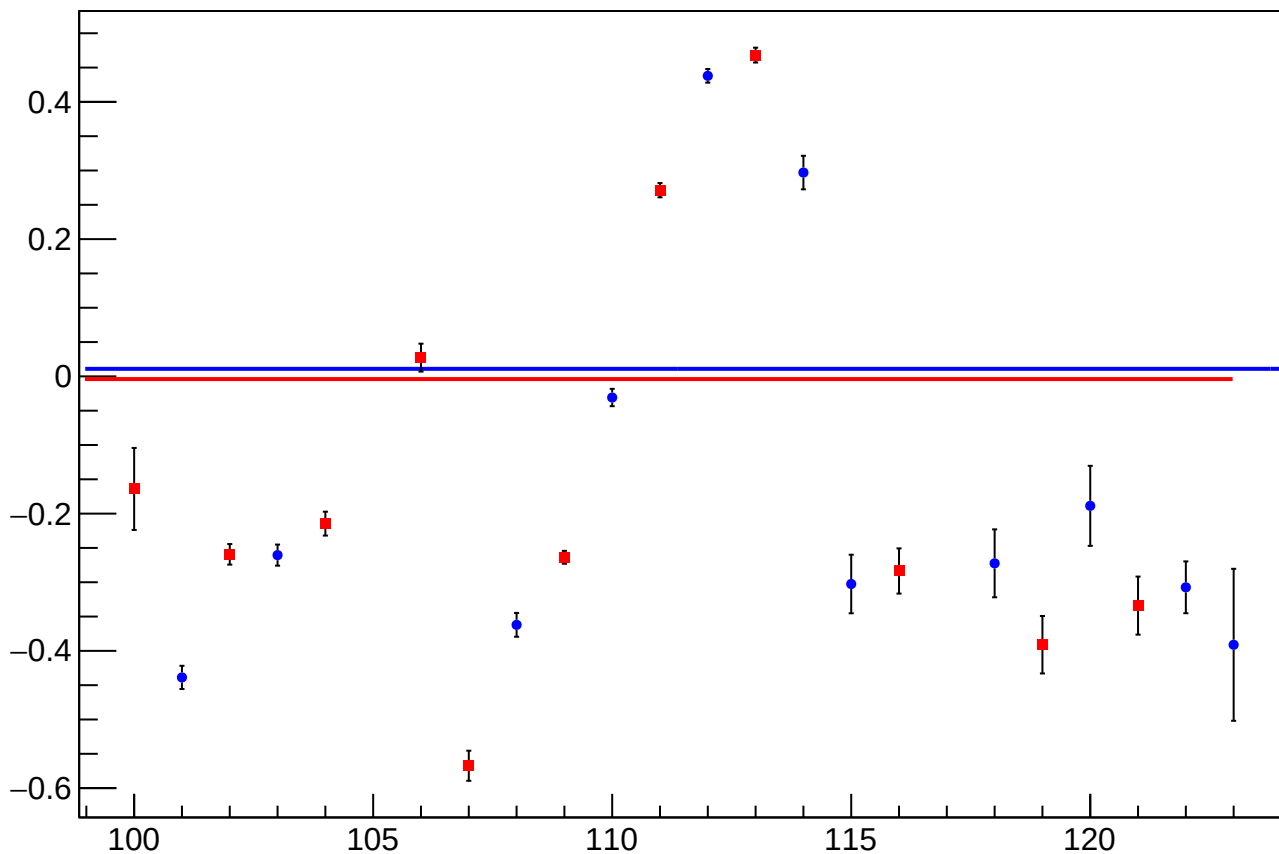
Right: 38.981+/-0.064 χ^2/NDF : 26635.4/21

In: 40.819+/-0.097 χ^2/NDF : 11932.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.981+/-0.064 χ^2/NDF : 26635.4/21

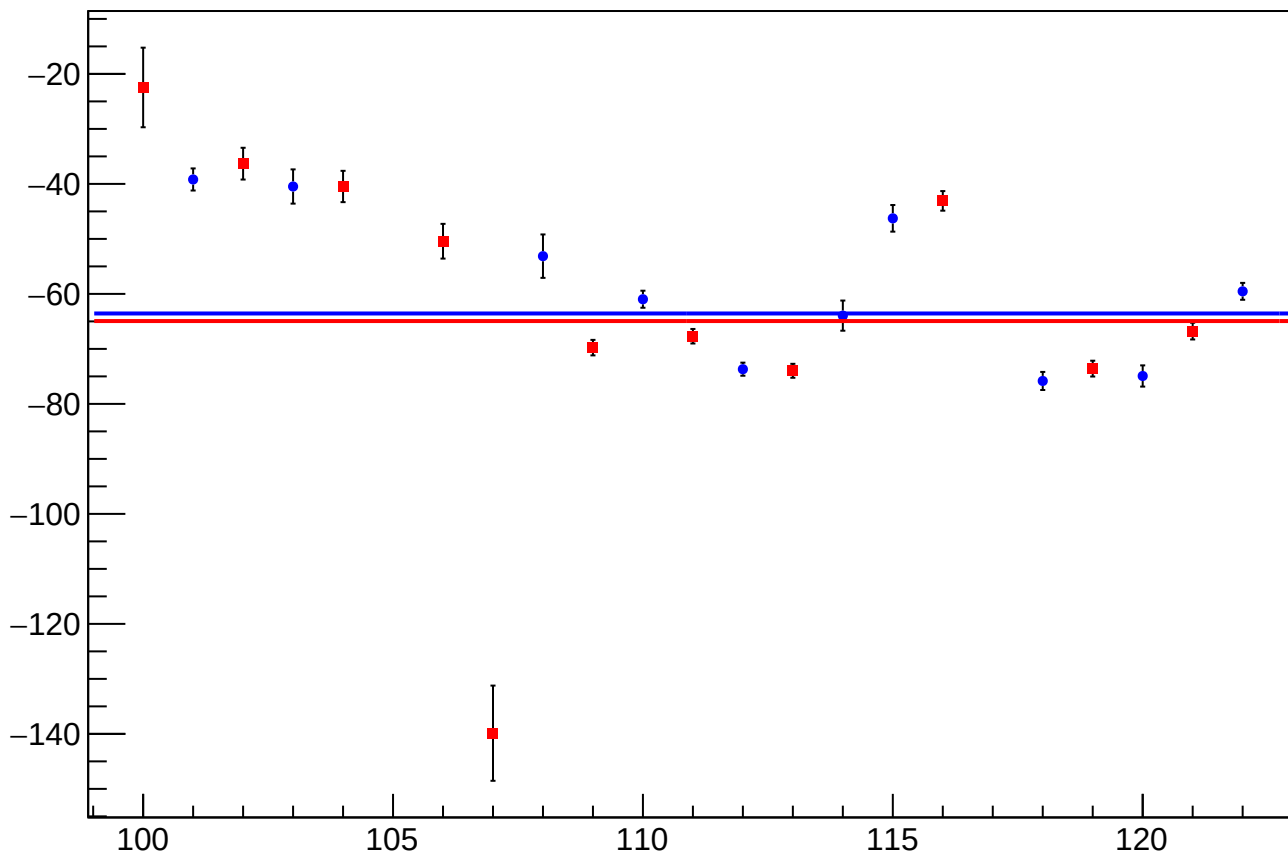
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.006 χ^2/NDF : 3664.7/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.004+/-0.005 χ^2/NDF : 4698.3/10
 Left 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+/-0.004 χ^2/NDF : 8367.1/21
 In: 0.011+/-0.006 χ^2/NDF : 3664.7/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.004 χ^2/NDF : 8367.1/21

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -63.560+/-0.587 χ^2/NDF : 432.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.938+/-0.550 χ^2/NDF : 557.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

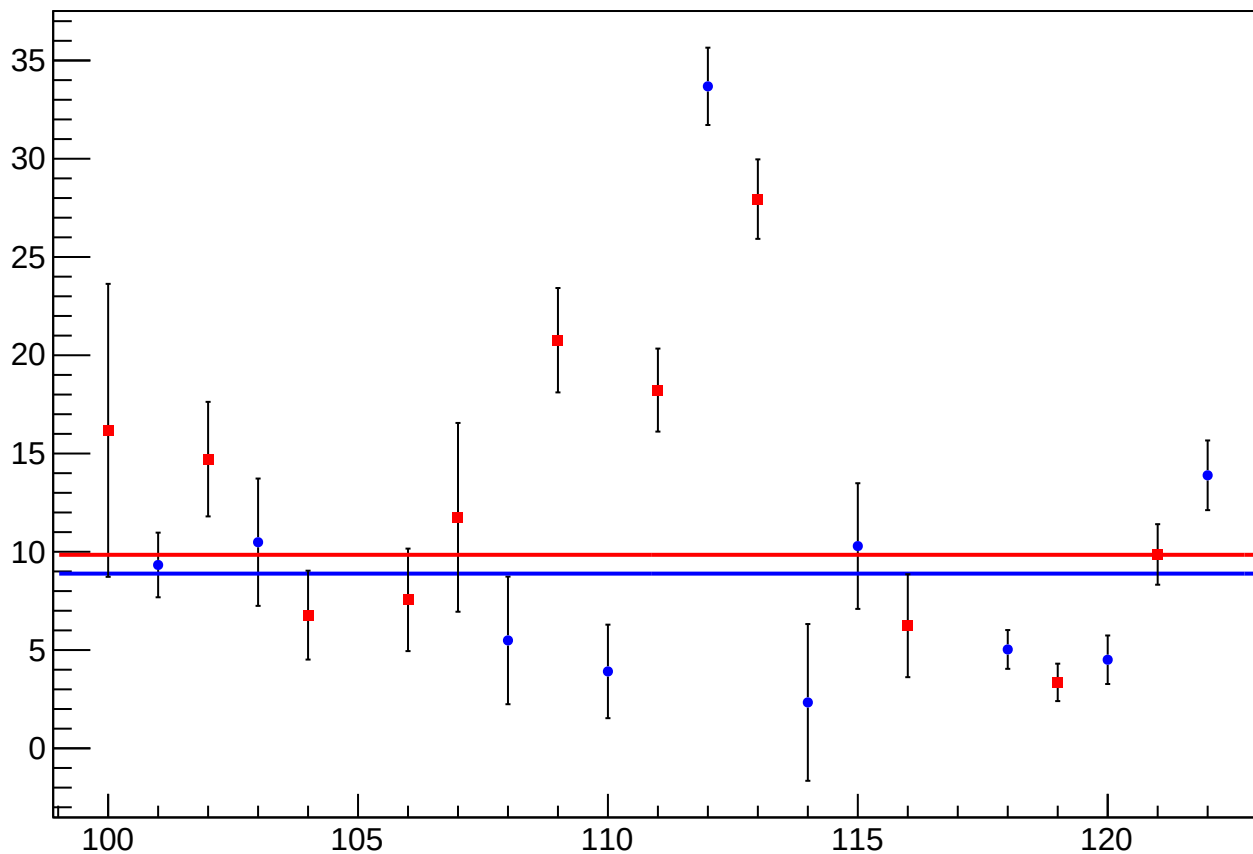
Right: -64.293+/-0.401 χ^2/NDF : 993.4/20

In: -63.560+/-0.587 χ^2/NDF : 432.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.293+/-0.401 χ^2/NDF : 993.4/20

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.889+/-0.563 χ^2/NDF : 203.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.846+/-0.597 χ^2/NDF : 167.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

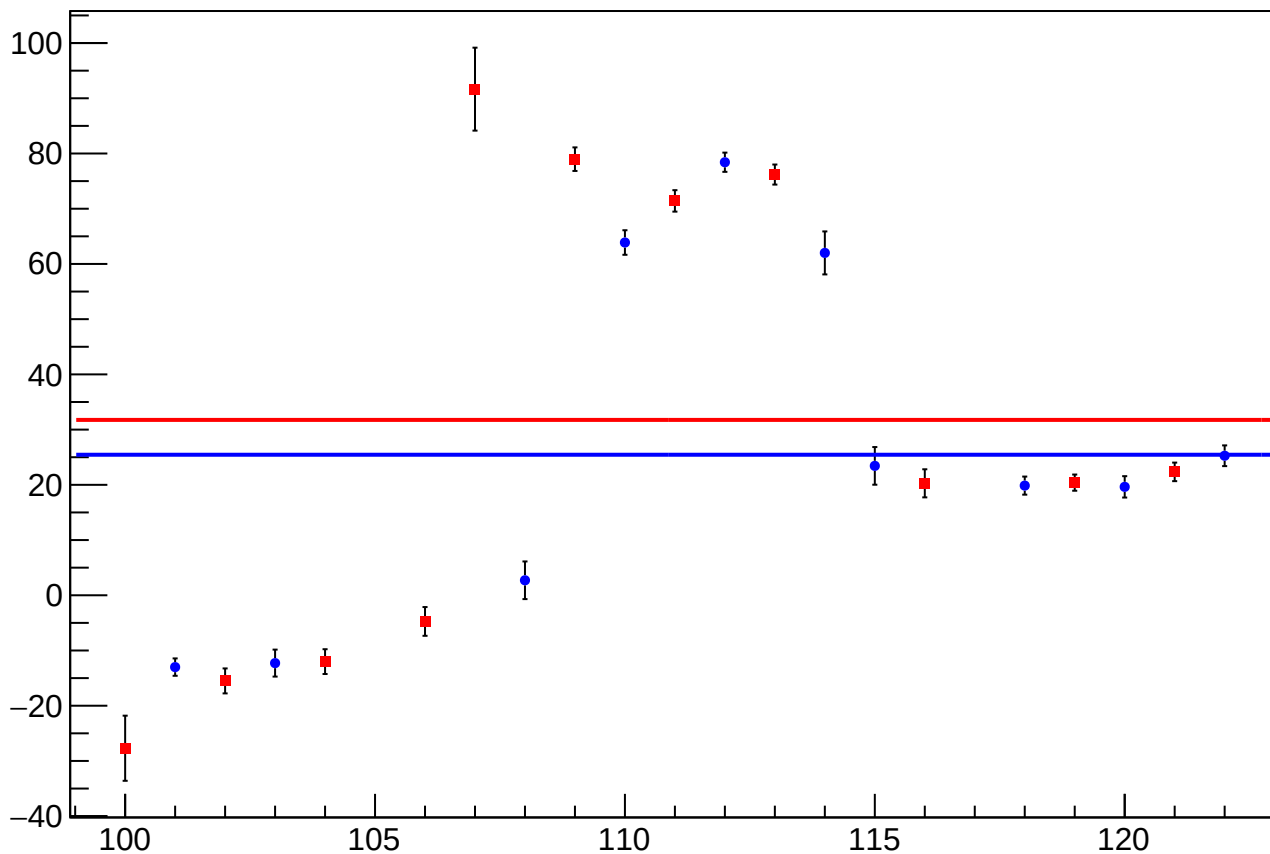
Right: 9.339+/-0.410 χ^2/NDF : 372.2/20

In: 8.889+/-0.563 χ^2/NDF : 203.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.339+/-0.410 χ^2/NDF : 372.2/20

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.449+/-0.664 χ^2/NDF : 2215.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.757+/-0.652 χ^2/NDF : 2796.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

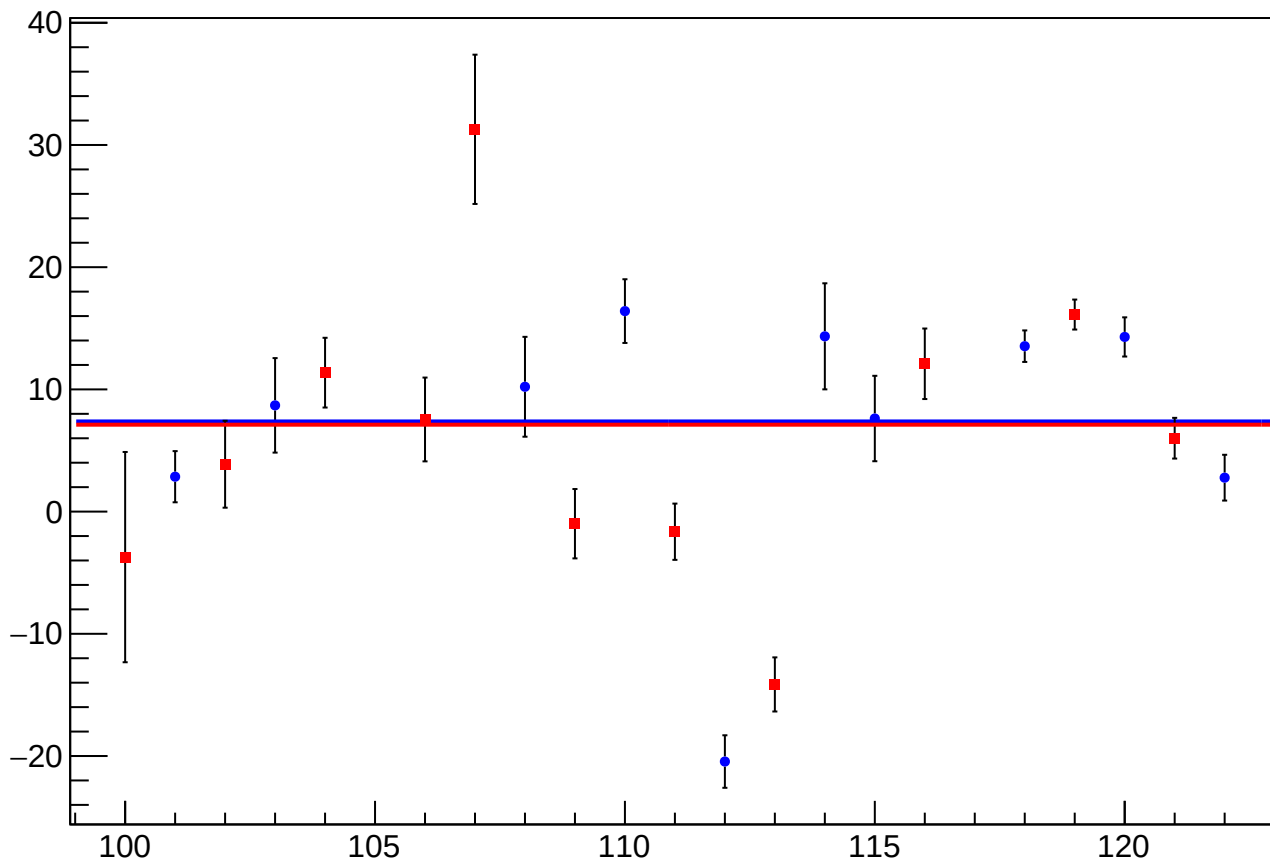
Right: 28.660+/-0.465 χ^2/NDF : 5057.5/20

In: 25.449+/-0.664 χ^2/NDF :2215.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.660+/-0.465 χ^2/NDF : 5057.5/20

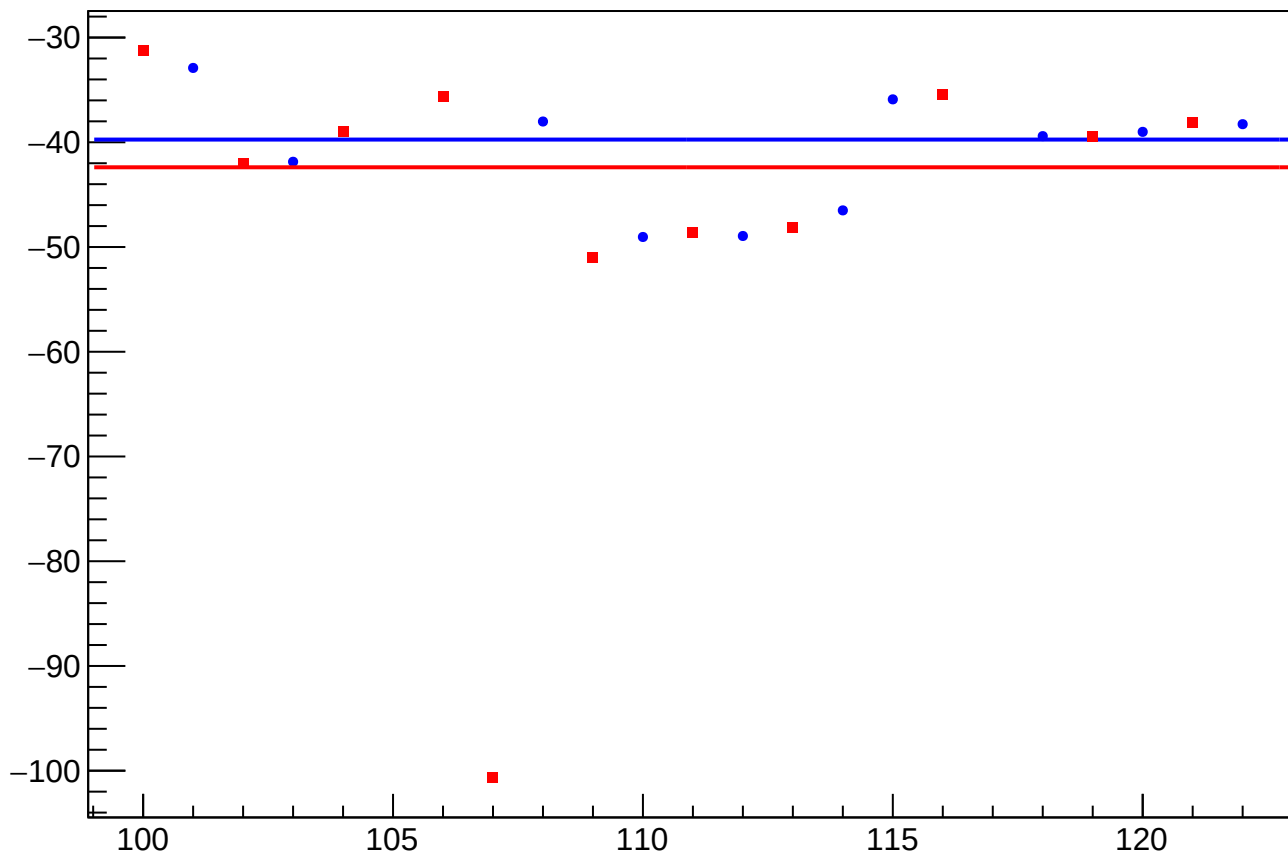
reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.377+/-0.685 χ^2/NDF : 235.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 7.112+/-0.709 χ^2/NDF : 192.6/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.249+/-0.493 χ^2/NDF : 427.7/20
 In: 7.377+/-0.685 χ^2/NDF :235.0/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 7.249+/-0.493 χ^2/NDF : 427.7/20

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.741+/-0.044 χ^2/NDF : 13896.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.388+/-0.042 χ^2/NDF : 51217.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

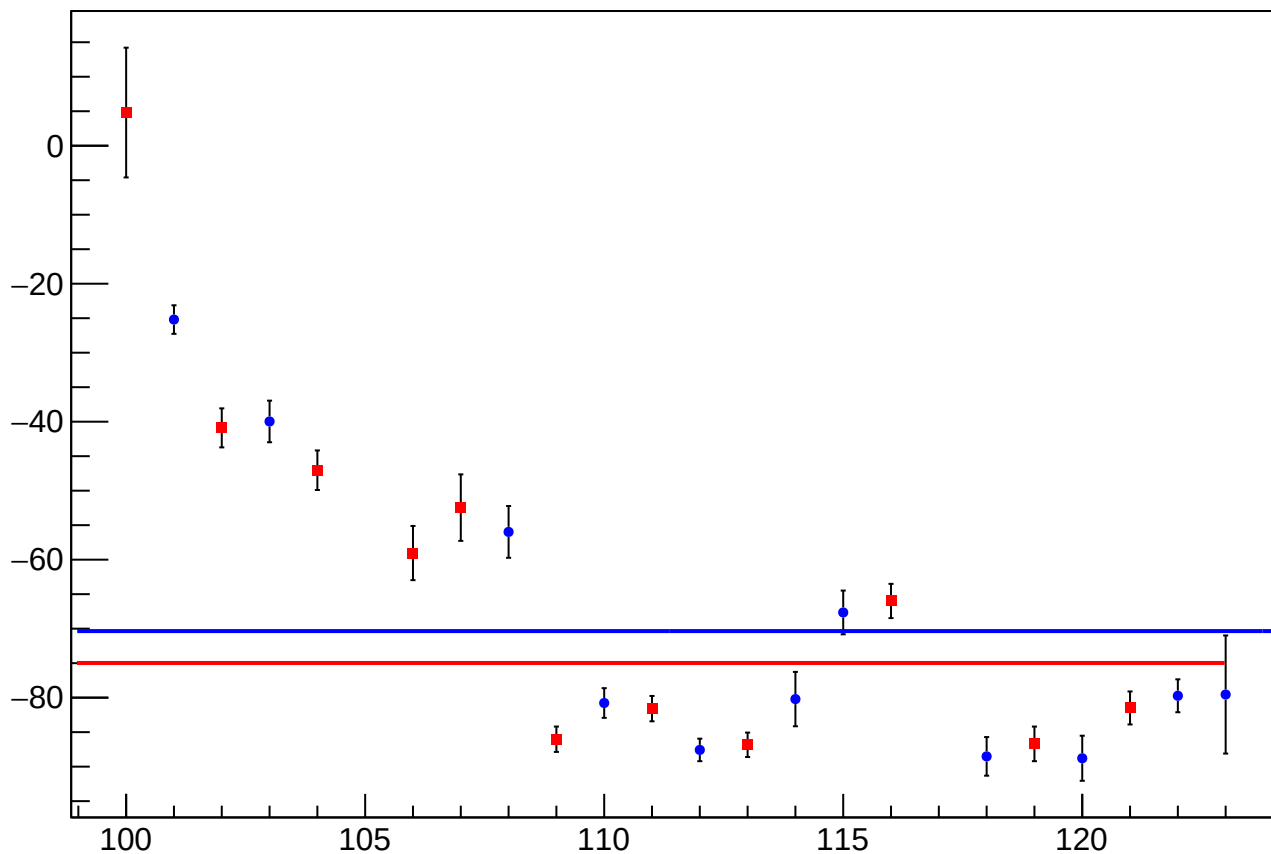
Right: -41.114+/-0.030 χ^2/NDF : 67017.1/20

In: -39.741+/-0.044 χ^2/NDF : 13896.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.114+/-0.030 χ^2/NDF : 67017.1/20

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -70.351 ± 0.795 $\chi^2/\text{NDF}: 824.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -74.972 ± 0.751 $\chi^2/\text{NDF}: 486.8/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

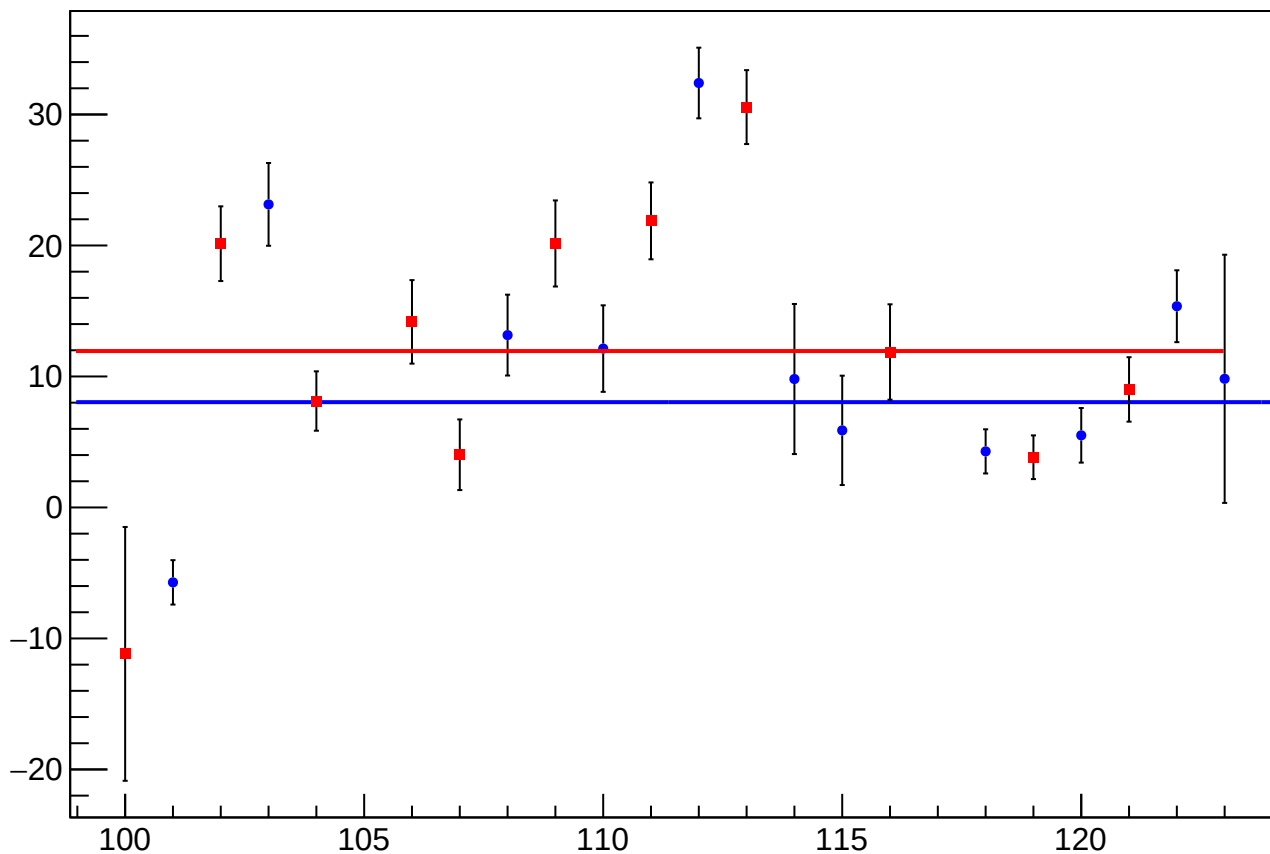
Right: -72.794 ± 0.546 $\chi^2/\text{NDF}: 1329.5/21$

In: -70.351 ± 0.795 $\chi^2/\text{NDF}: 824.9/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -72.794 ± 0.546 $\chi^2/\text{NDF}: 1329.5/21$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.039+/-0.791 χ^2/NDF : 188.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11.940+/-0.817 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

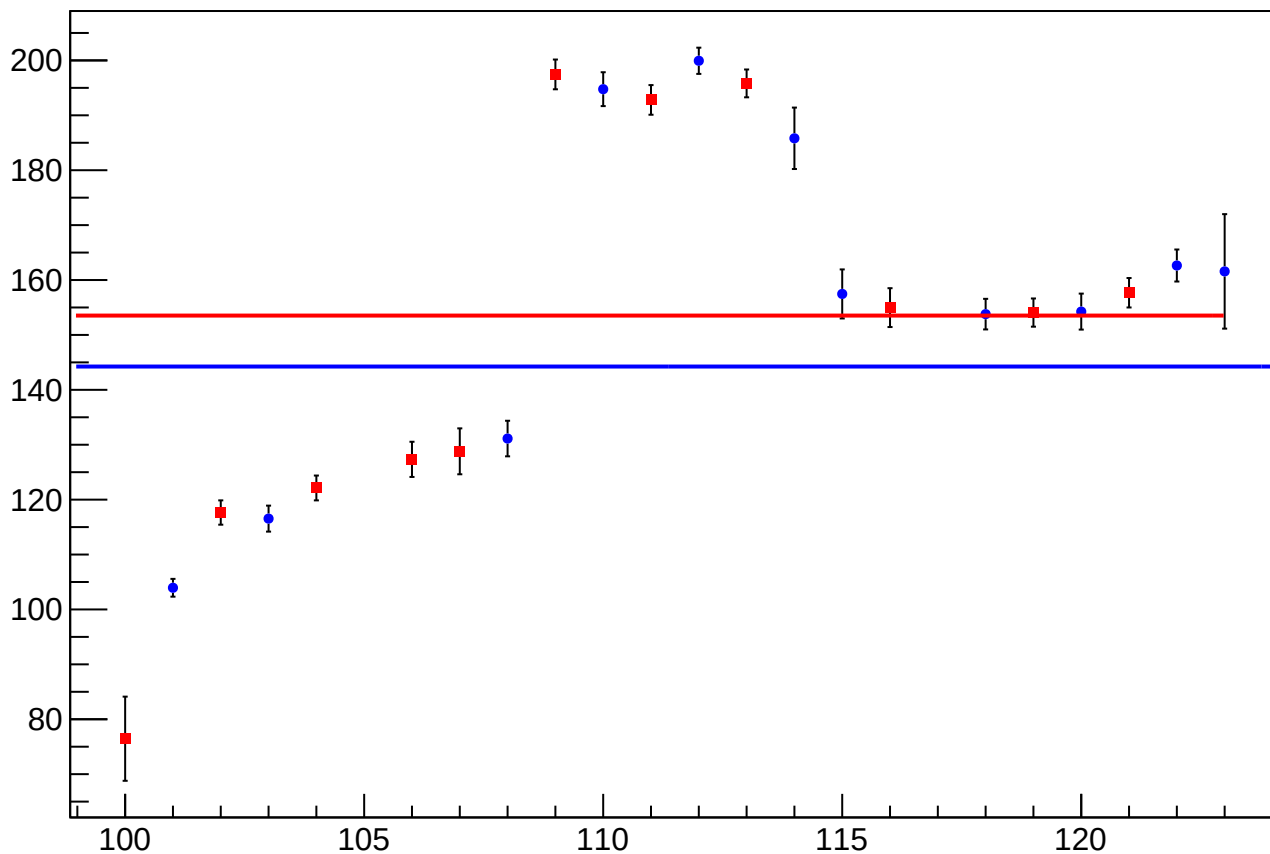
Right: 9.928+/-0.568 χ^2/NDF : 312.6/21

In: 8.039+/-0.791 χ^2/NDF :188.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.928+/-0.568 χ^2/NDF : 312.6/21

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 144.243+/-0.856 χ^2/NDF : 1712.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.525+/-0.854 χ^2/NDF : 1413.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

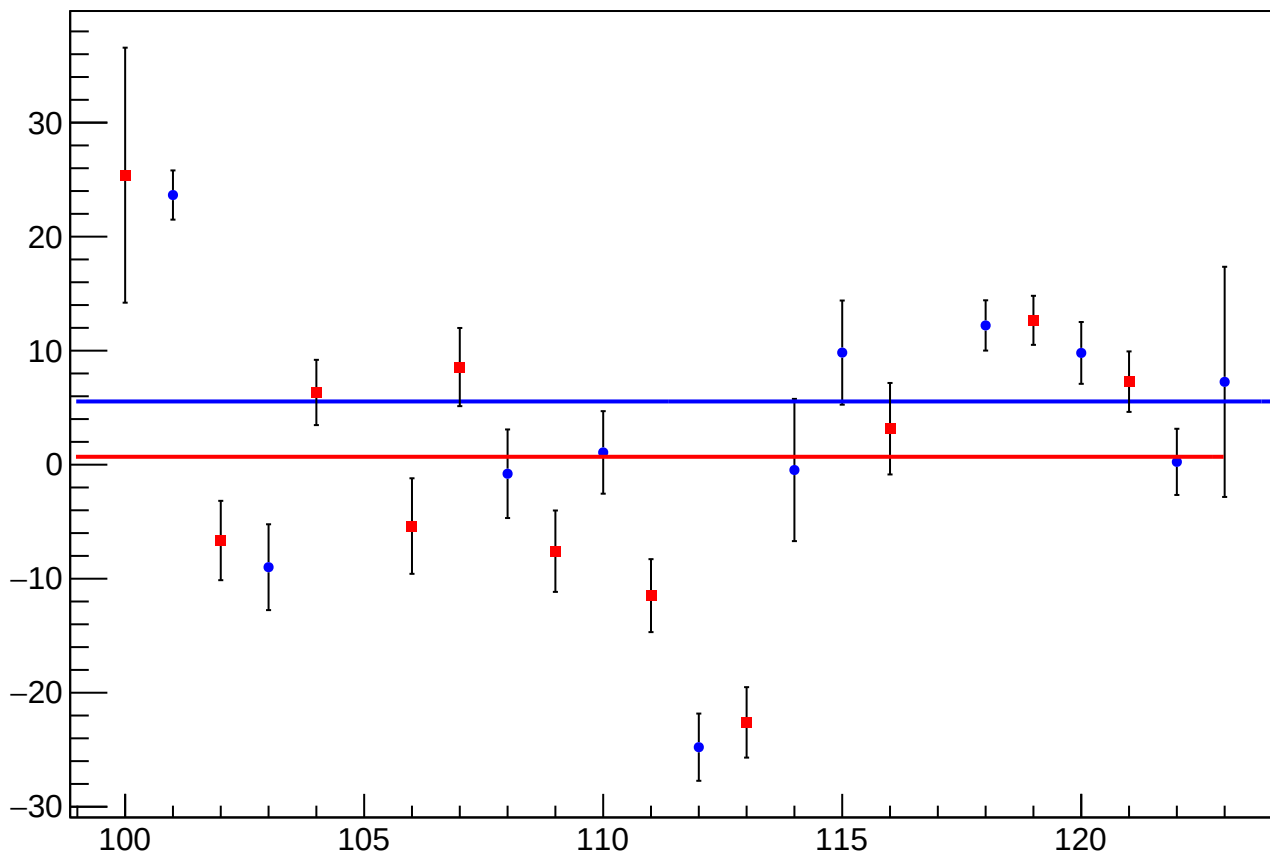
Right: 148.891+/-0.605 χ^2/NDF : 3184.2/21

In: 144.243+/-0.856 χ^2/NDF : 1712.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.891+/-0.605 χ^2/NDF : 3184.2/21

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.545+/-0.959 χ^2/NDF : 212.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.693+/-0.973 χ^2/NDF : 134.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

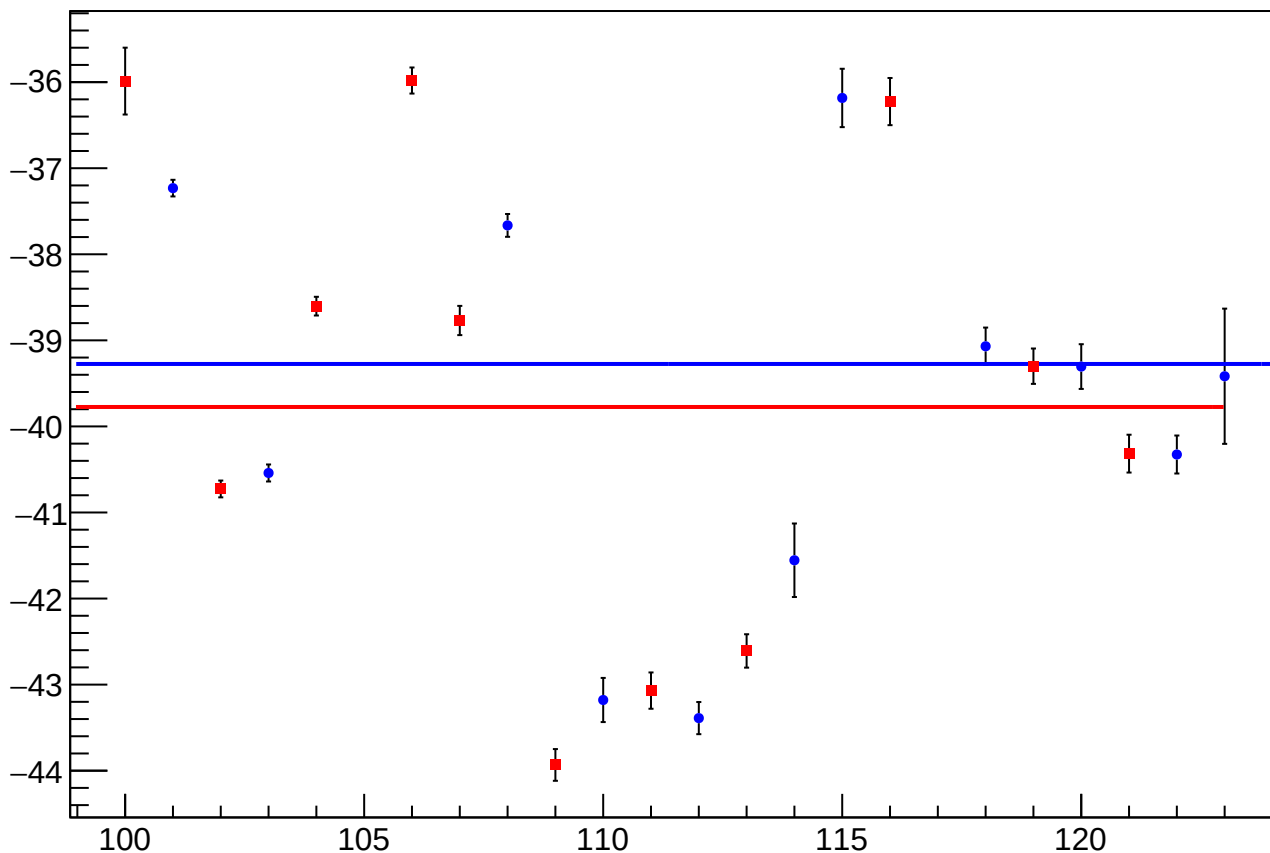
Right: 3.154+/-0.683 χ^2/NDF : 359.5/21

In: 5.545+/-0.959 χ^2/NDF : 212.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.154+/-0.683 χ^2/NDF : 359.5/21

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.274 ± 0.051 χ^2/NDF : 1611.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.774 ± 0.049 χ^2/NDF : 2114.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

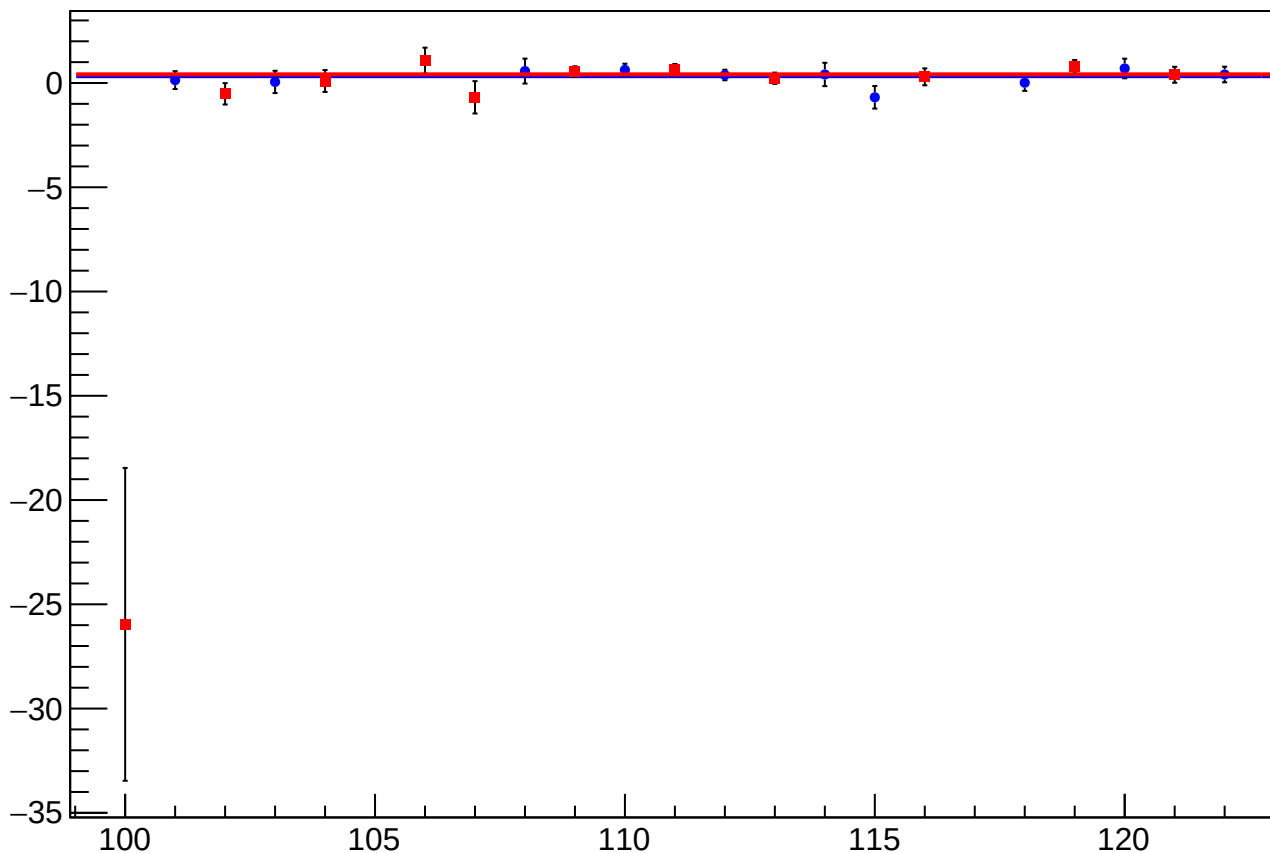
Right: -39.533 ± 0.036 χ^2/NDF : 3775.0/21

In: -39.274 ± 0.051 χ^2/NDF : 1611.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.533 ± 0.036 χ^2/NDF : 3775.0/21

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.327+/-0.126 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.416+/-0.114 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

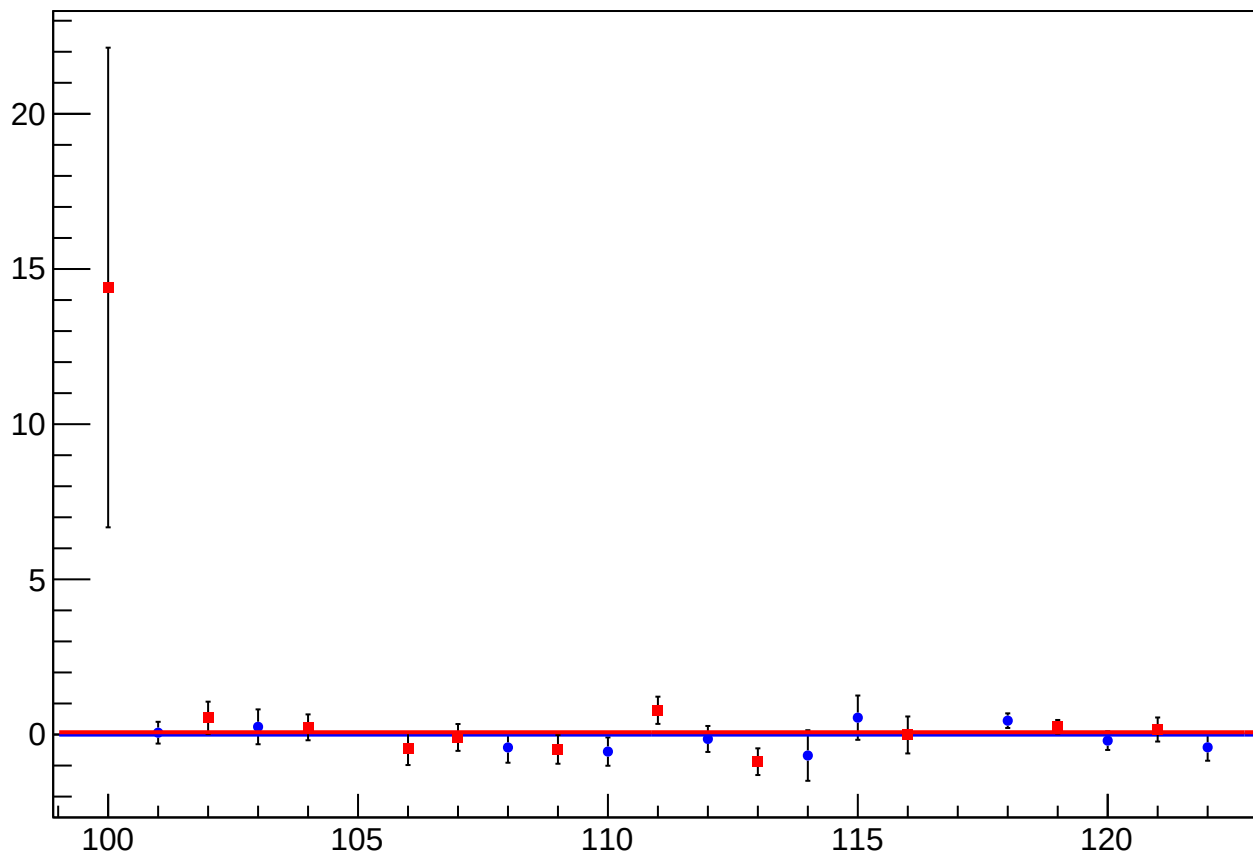
Right: 0.376+/-0.084 χ^2/NDF : 28.8/20

In: 0.327+/-0.126 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.376+/-0.084 χ^2/NDF : 28.8/20

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.003 ± 0.125 χ^2/NDF : 8.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.073 ± 0.125 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

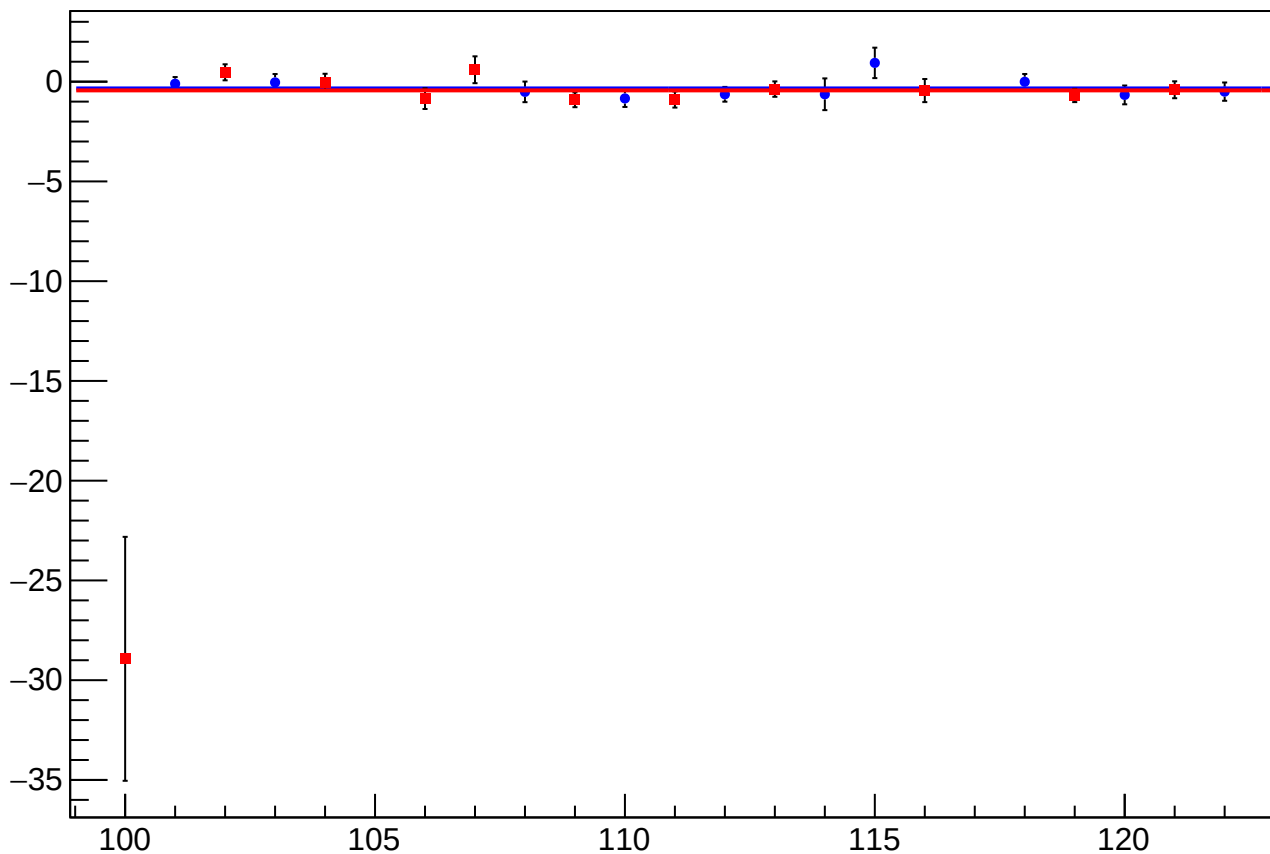
Right: 0.035 ± 0.088 χ^2/NDF : 24.0/20

In: -0.003 ± 0.125 χ^2/NDF : 8.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.088 χ^2/NDF : 24.0/20

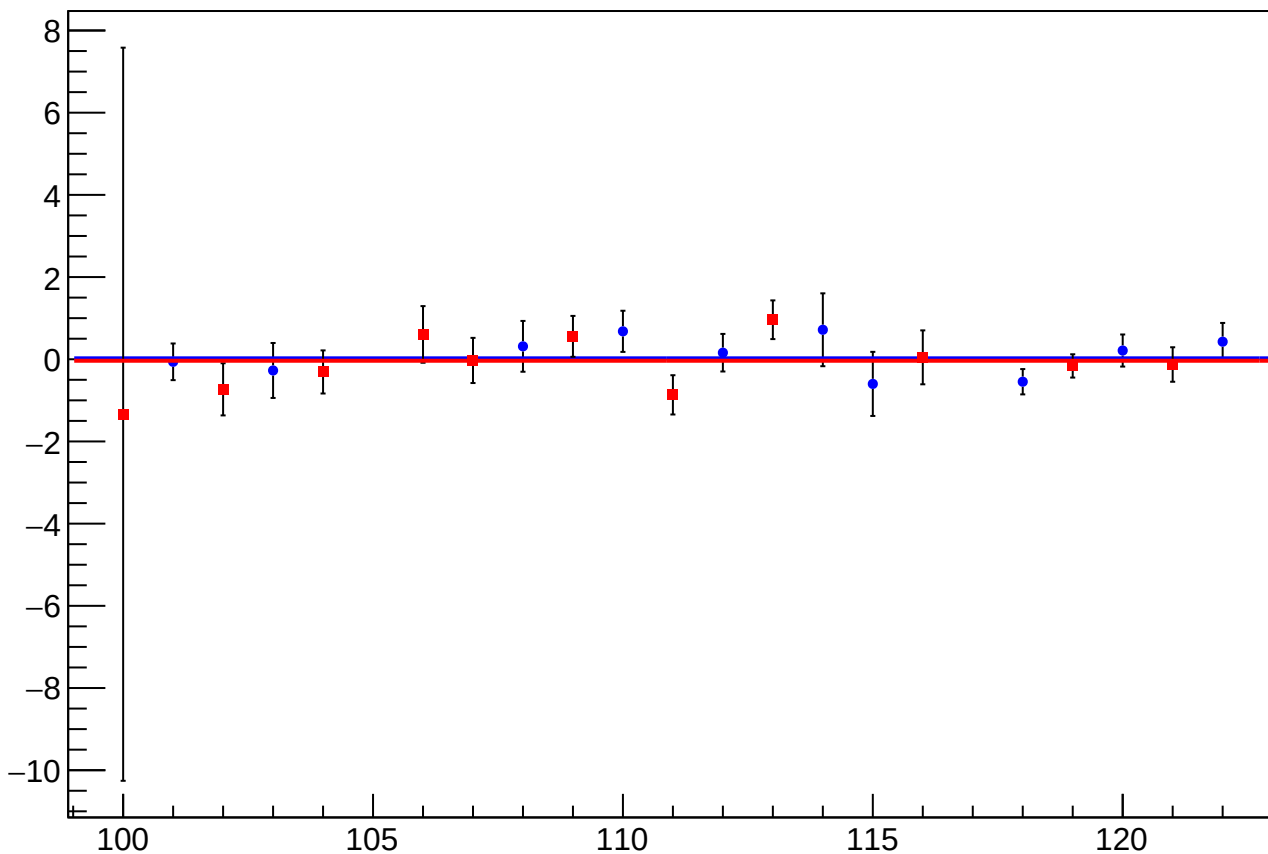
reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.340+/-0.141 χ^2 /NDF: 7.4/9
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.437+/-0.134 χ^2 /NDF: 34.4/10
 Left 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+/-0.097 χ^2 /NDF: 42.0/20
 In: -0.340+/-0.141 χ^2 /NDF:7.4/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.391+/-0.097 χ^2 /NDF: 42.0/20

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.022+/-0.152 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.149 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

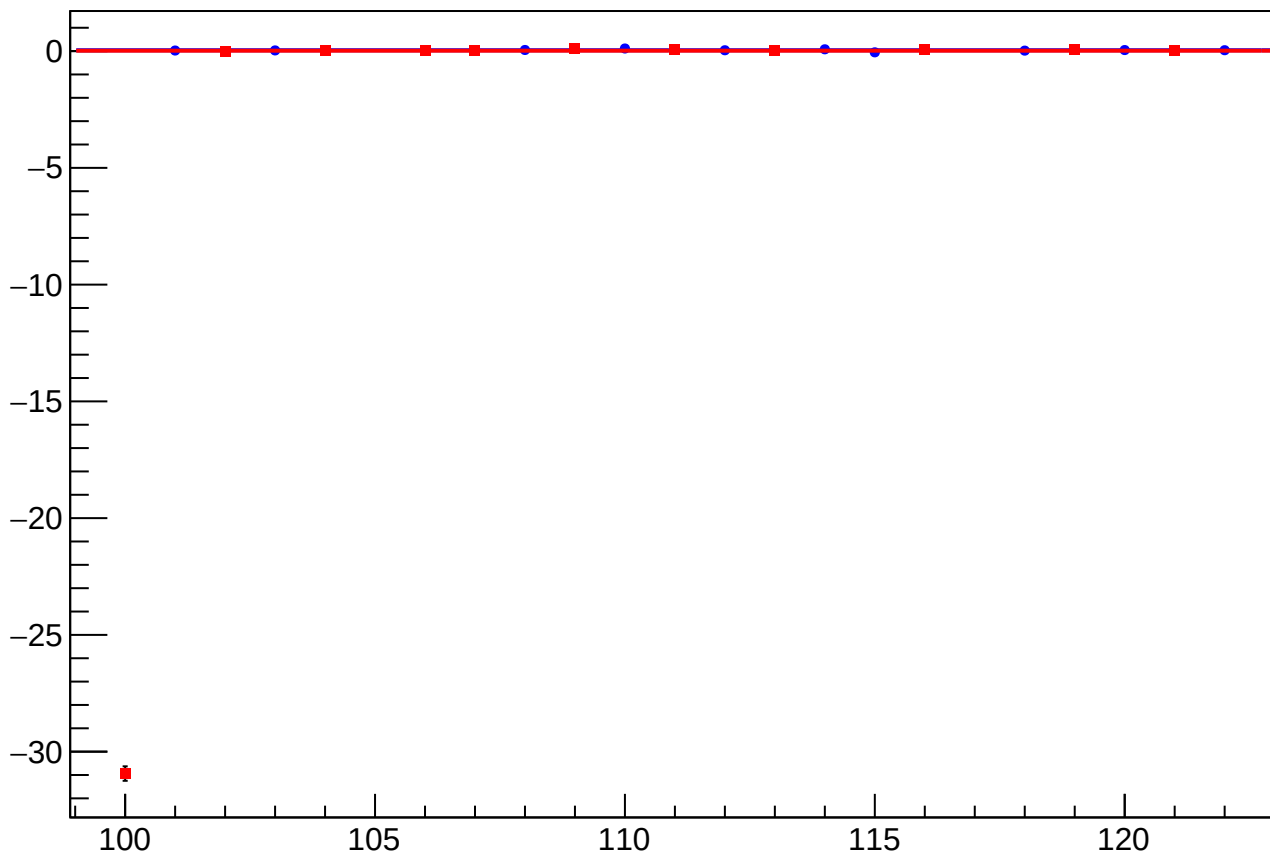
Right: -0.007+/-0.106 χ^2/NDF : 19.6/20

In: 0.022+/-0.152 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.106 χ^2/NDF : 19.6/20

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.037+/-0.009 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.008 χ^2/NDF : 10008.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

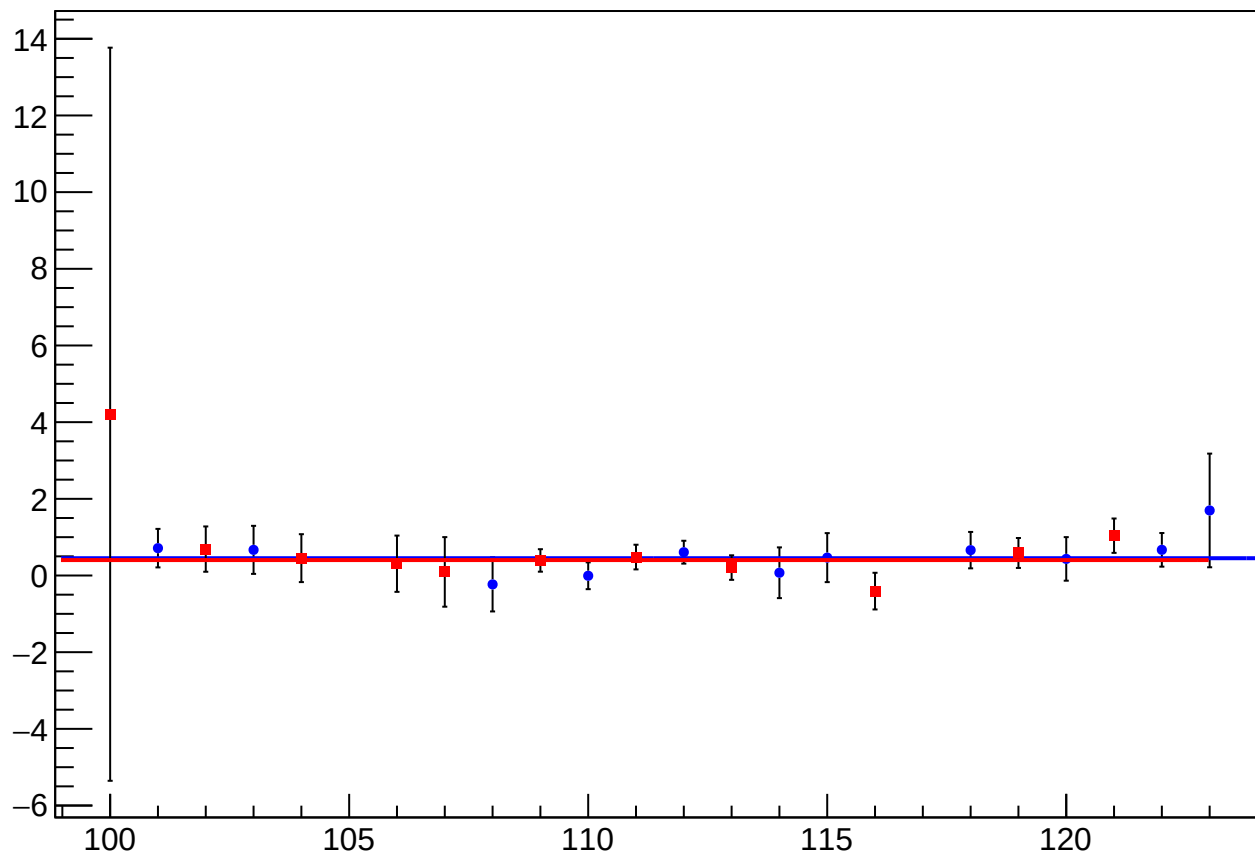
Right: 0.027+/-0.006 χ^2/NDF : 10019.6/20

In: 0.037+/-0.009 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.006 χ^2/NDF : 10019.6/20

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.451+/-0.148 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.403+/-0.134 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

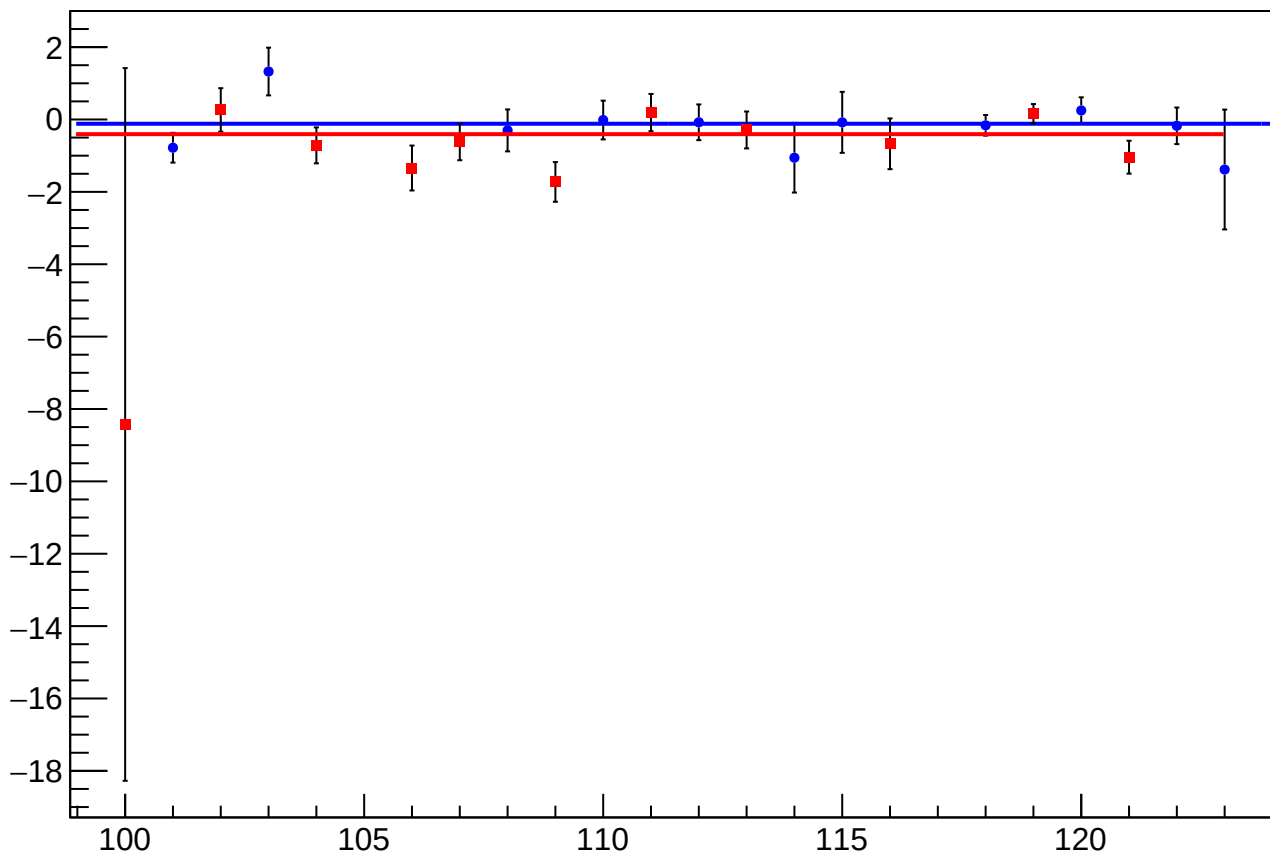
Right: 0.425+/-0.099 χ^2/NDF : 10.9/21

In: 0.451+/-0.148 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.425+/-0.099 χ^2/NDF : 10.9/21

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.118 ± 0.148 $\chi^2/\text{NDF}: 10.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.406 ± 0.148 $\chi^2/\text{NDF}: 18.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

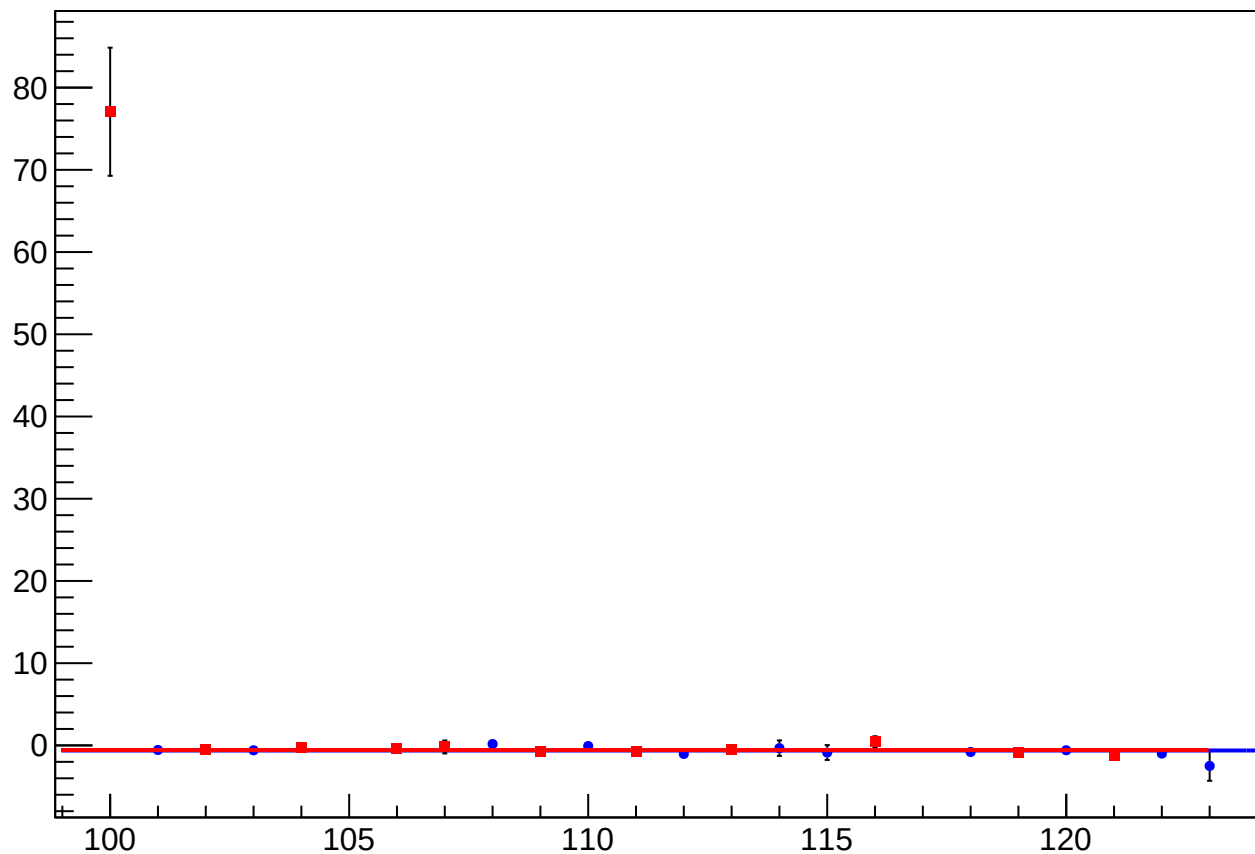
Right: -0.262 ± 0.105 $\chi^2/\text{NDF}: 30.6/21$

In: -0.118 ± 0.148 $\chi^2/\text{NDF}: 10.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.262 ± 0.105 $\chi^2/\text{NDF}: 30.6/21$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.619 ± 0.166 χ^2/NDF : 5.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.566 ± 0.158 χ^2/NDF : 104.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

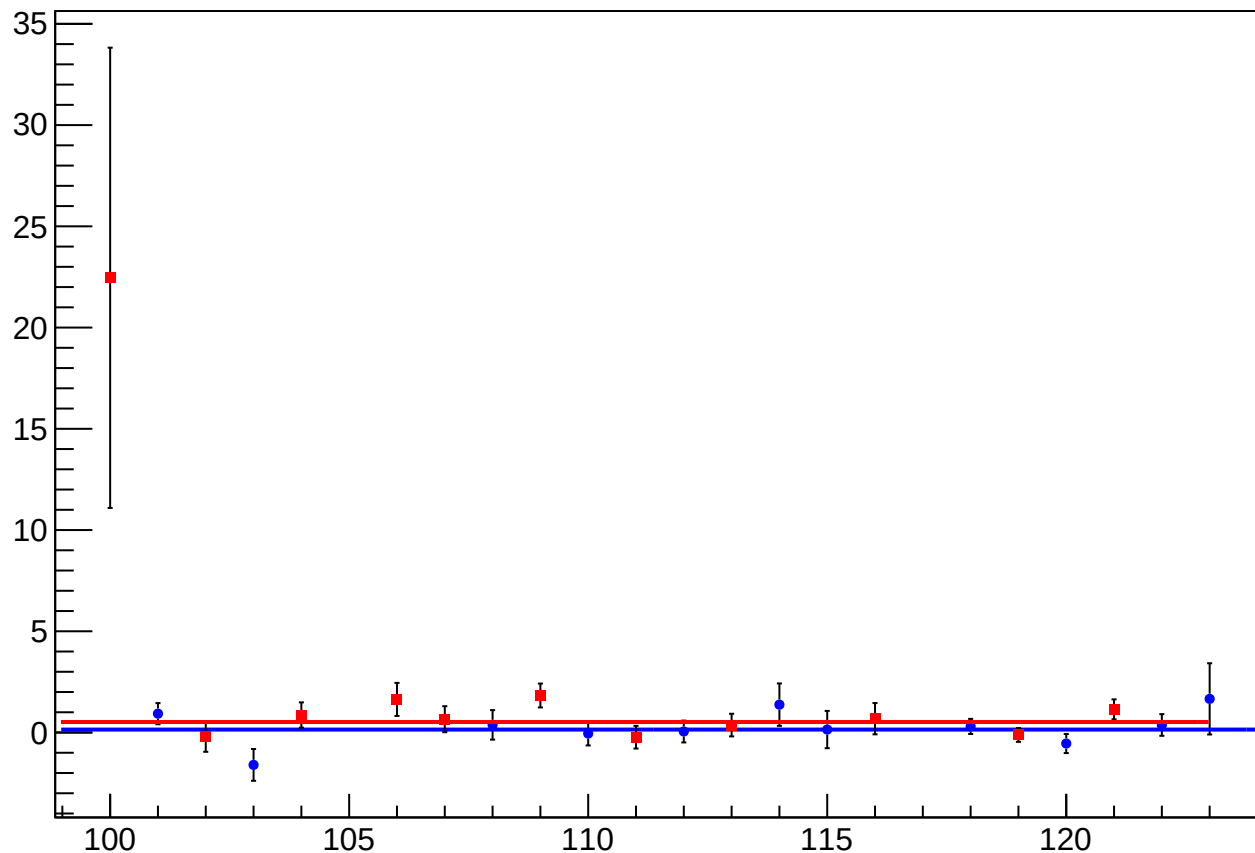
Right: -0.592 ± 0.115 χ^2/NDF : 110.4/21

In: -0.619 ± 0.166 χ^2/NDF : 5.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.592 ± 0.115 χ^2/NDF : 110.4/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.145+/-0.179 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.519+/-0.177 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

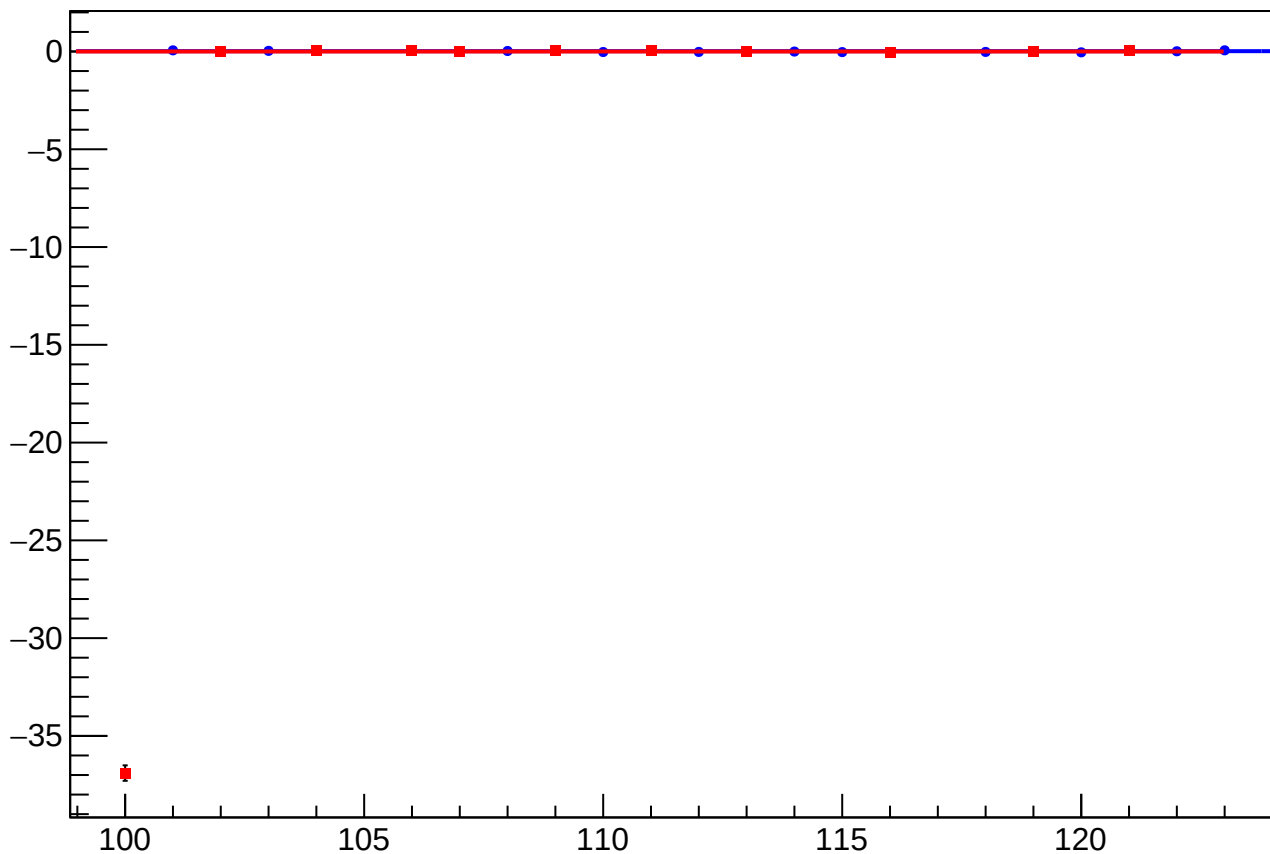
Right: 0.335+/-0.126 χ^2/NDF : 33.2/21

In: 0.145+/-0.179 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.335+/-0.126 χ^2/NDF : 33.2/21

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.016+/-0.010 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8745.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

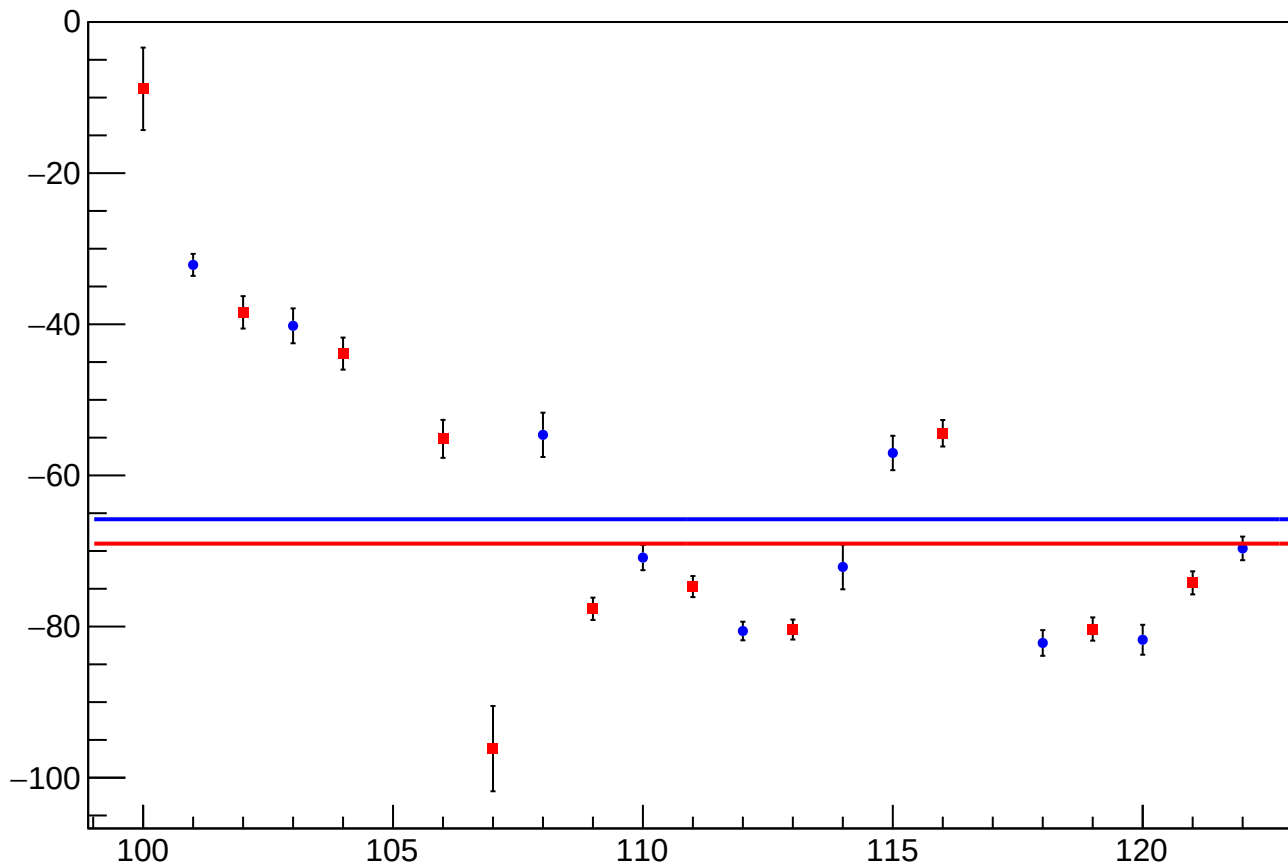
Right: 0.008+/-0.007 χ^2/NDF : 8756.5/21

In: 0.016+/-0.010 χ^2/NDF : 9.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 8756.5/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.800 ± 0.566 χ^2/NDF : 1009.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -69.029 ± 0.544 χ^2/NDF : 778.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

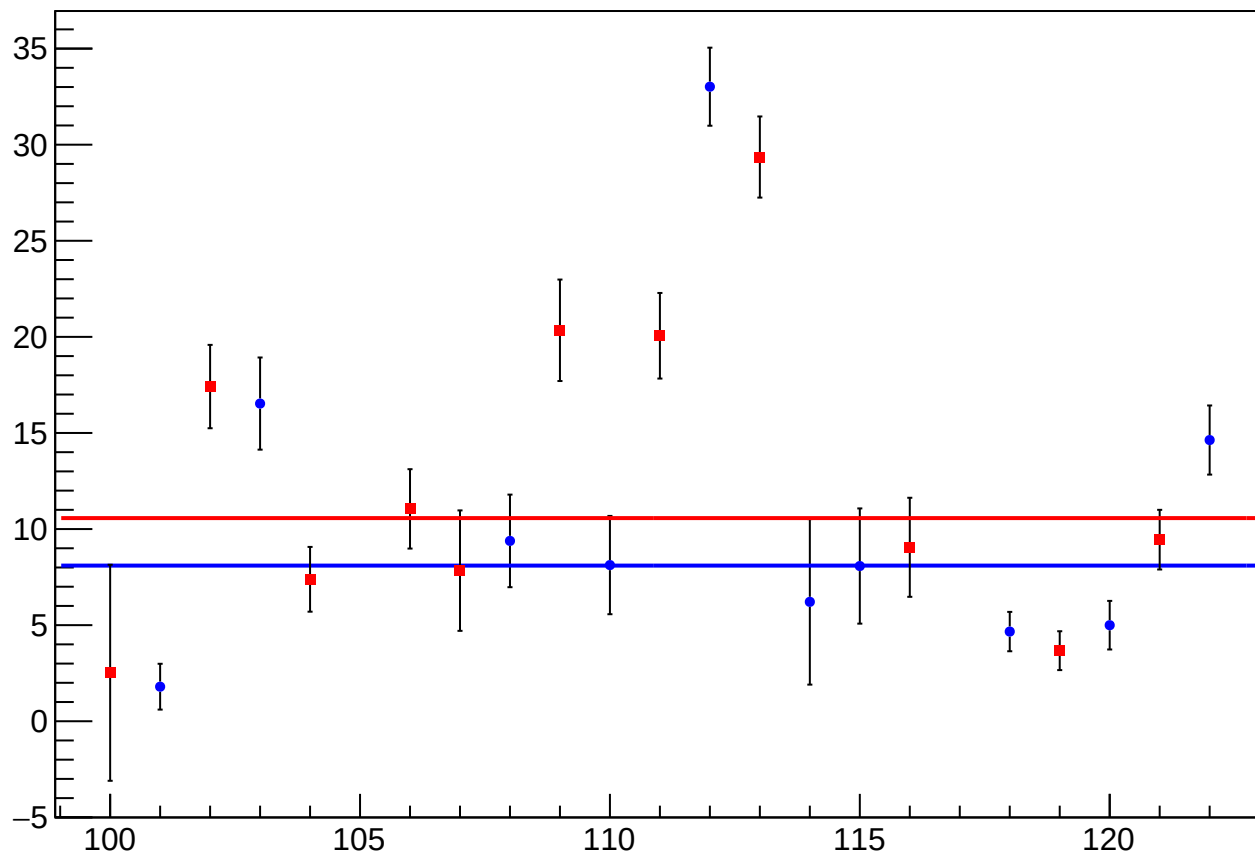
Right: -67.481 ± 0.392 χ^2/NDF : 1804.6/20

In: -65.800 ± 0.566 χ^2/NDF : 1009.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.481 ± 0.392 χ^2/NDF : 1804.6/20

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.099+/-0.535 χ^2/NDF : 221.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.570+/-0.573 χ^2/NDF : 174.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

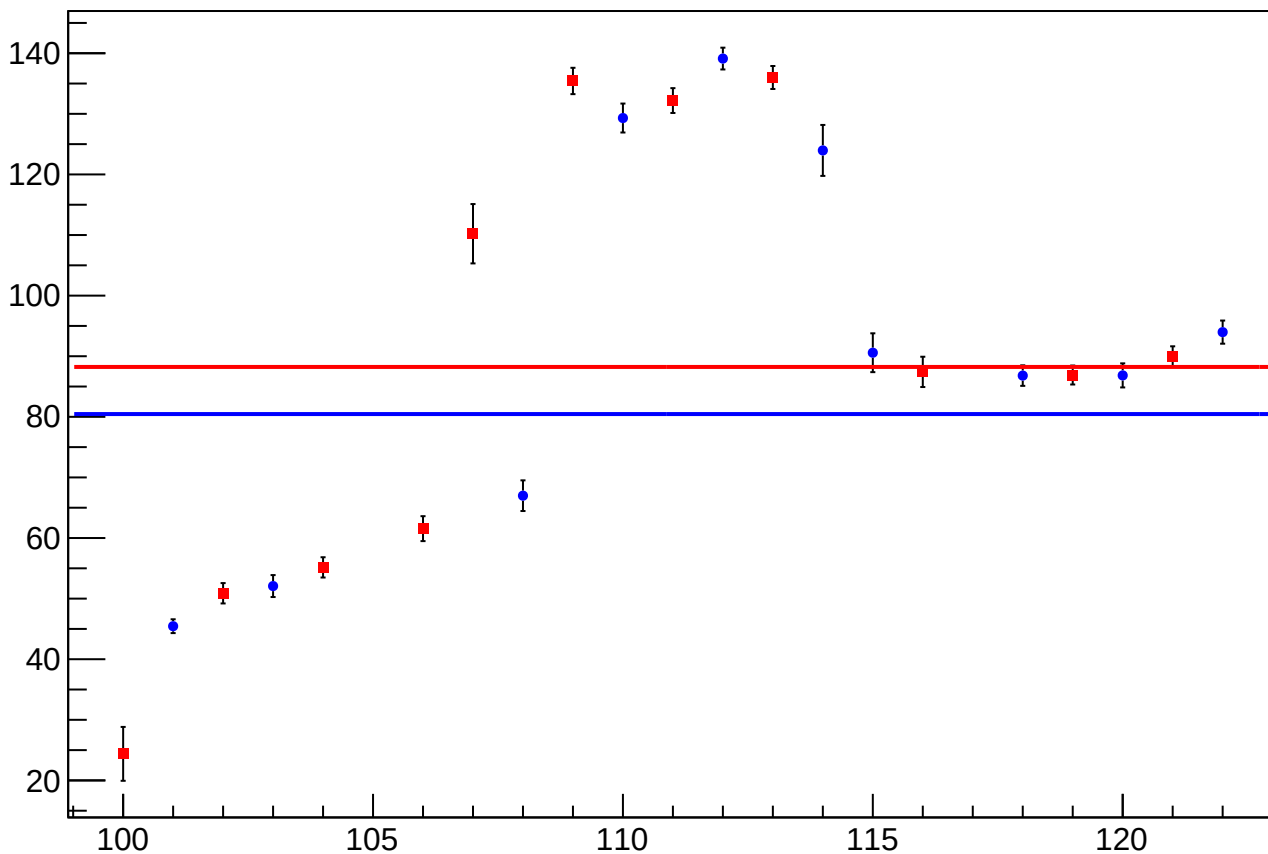
Right: 9.249+/-0.391 χ^2/NDF : 406.7/20

In: 8.099+/-0.535 χ^2/NDF : 221.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.249+/-0.391 χ^2/NDF : 406.7/20

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.456+/-0.603 χ^2/NDF : 2891.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.232+/-0.610 χ^2/NDF : 2848.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

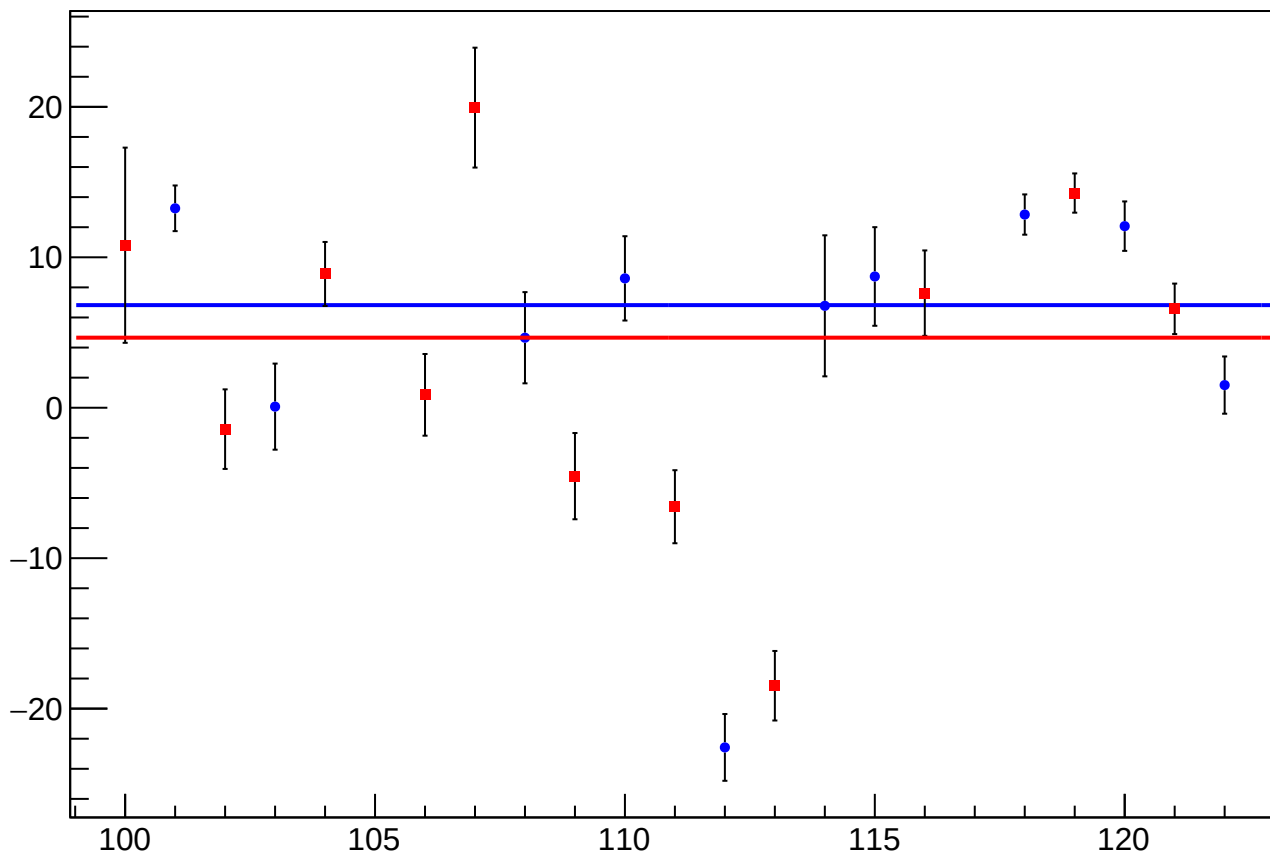
Right: 84.300+/-0.429 χ^2/NDF : 5821.8/20

In: 80.456+/-0.603 χ^2/NDF : 2891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.300+/-0.429 χ^2/NDF : 5821.8/20

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.821 ± 0.654 $\chi^2/\text{NDF}: 238.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.658 ± 0.685 $\chi^2/\text{NDF}: 215.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

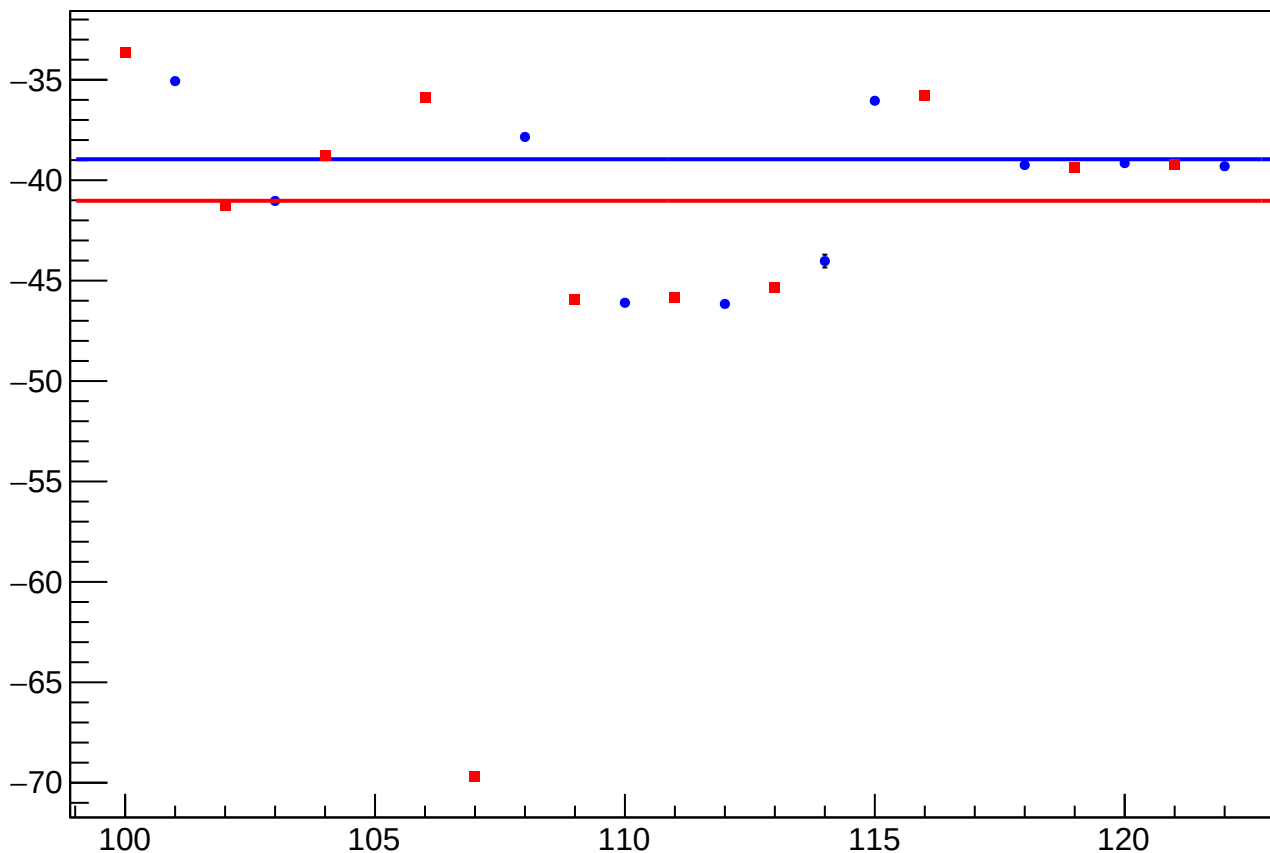
Right: 5.790 ± 0.473 $\chi^2/\text{NDF}: 459.2/20$

In: 6.821 ± 0.654 $\chi^2/\text{NDF}: 238.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 5.790 ± 0.473 $\chi^2/\text{NDF}: 459.2/20$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.957+/-0.037 χ^2/NDF : 8470.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.024+/-0.036 χ^2/NDF : 29468.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

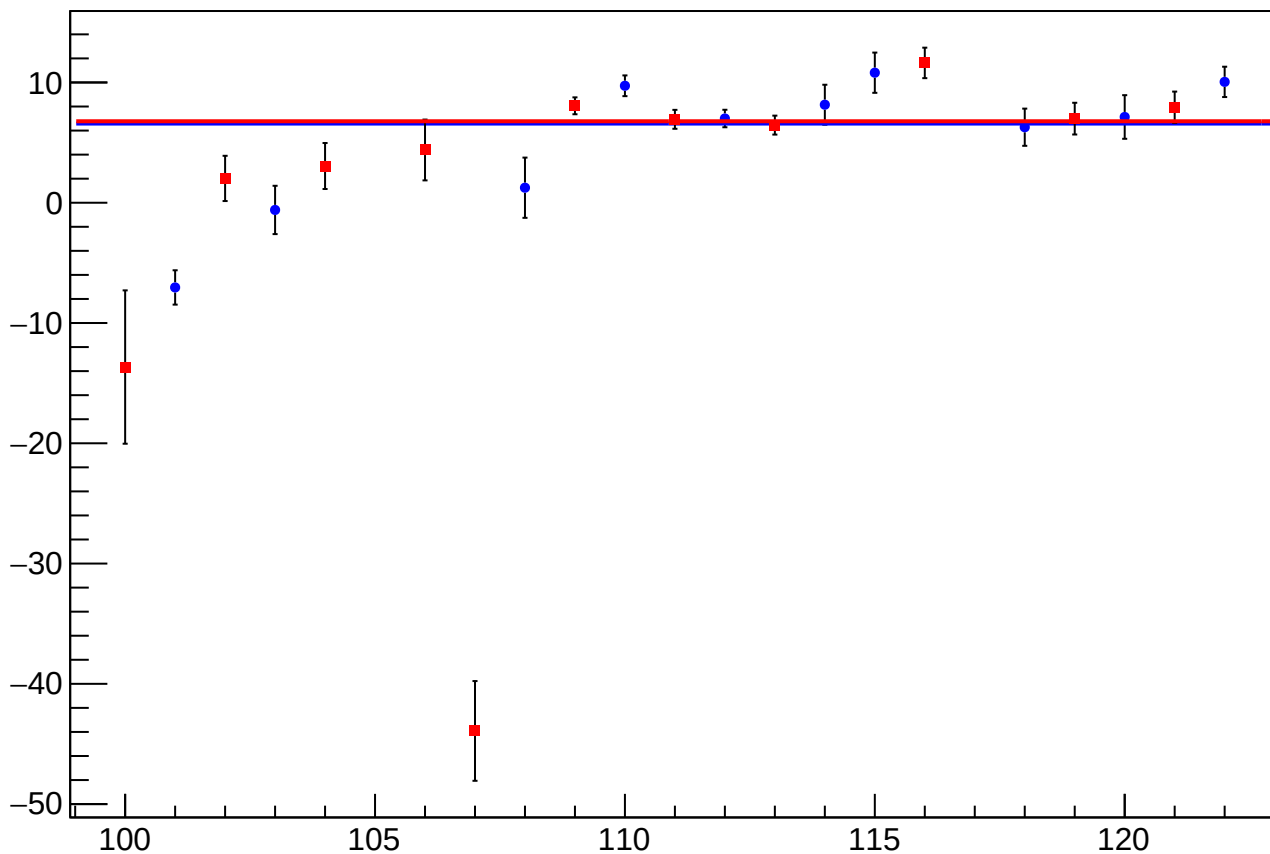
Right: -40.012+/-0.026 χ^2/NDF : 39535.1/20

In: -38.957+/-0.037 χ^2/NDF :8470.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.012+/-0.026 χ^2/NDF : 39535.1/20

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.584+/-0.401 χ^2/NDF : 137.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.774+/-0.357 χ^2/NDF : 189.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

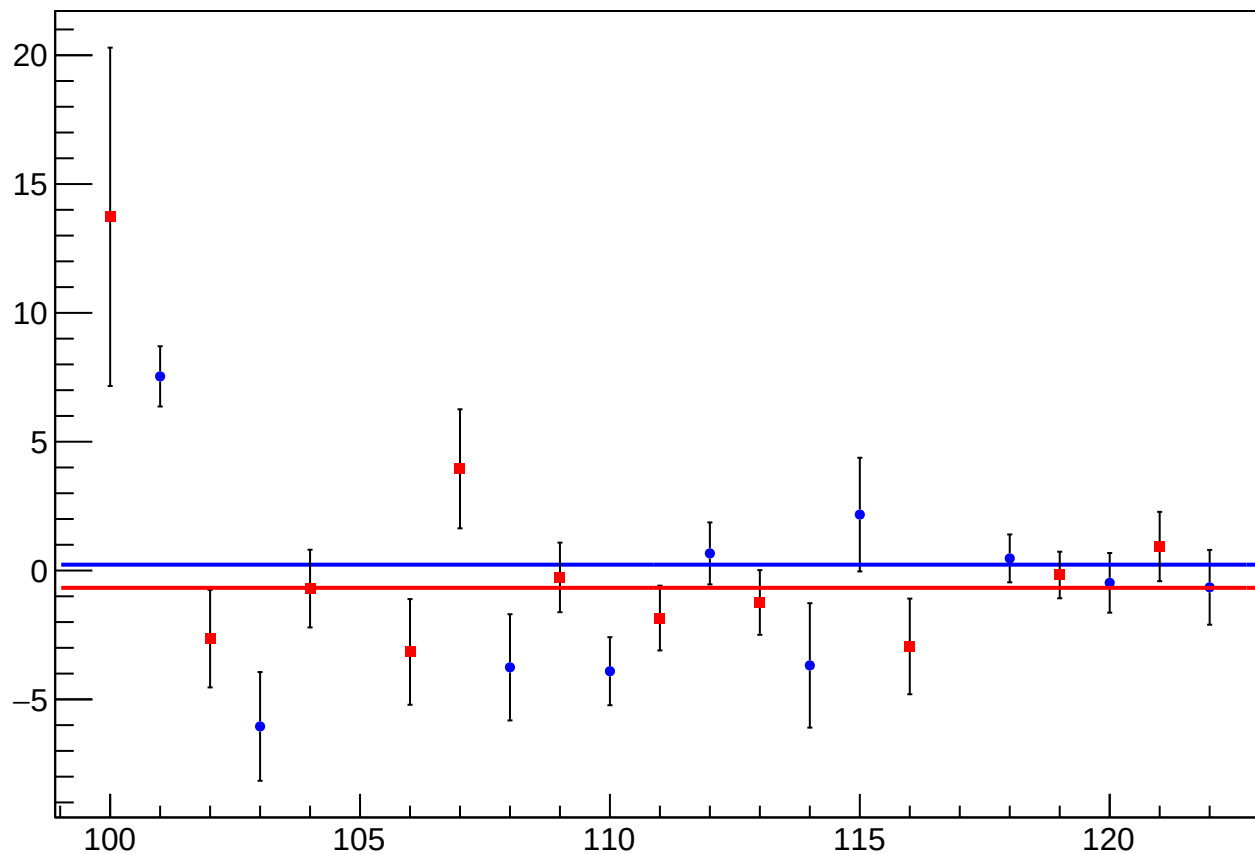
Right: 6.690+/-0.267 χ^2/NDF : 326.9/20

In: 6.584+/-0.401 χ^2/NDF : 137.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.690+/-0.267 χ^2/NDF : 326.9/20

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.227+/-0.438 χ^2/NDF : 65.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.671+/-0.445 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

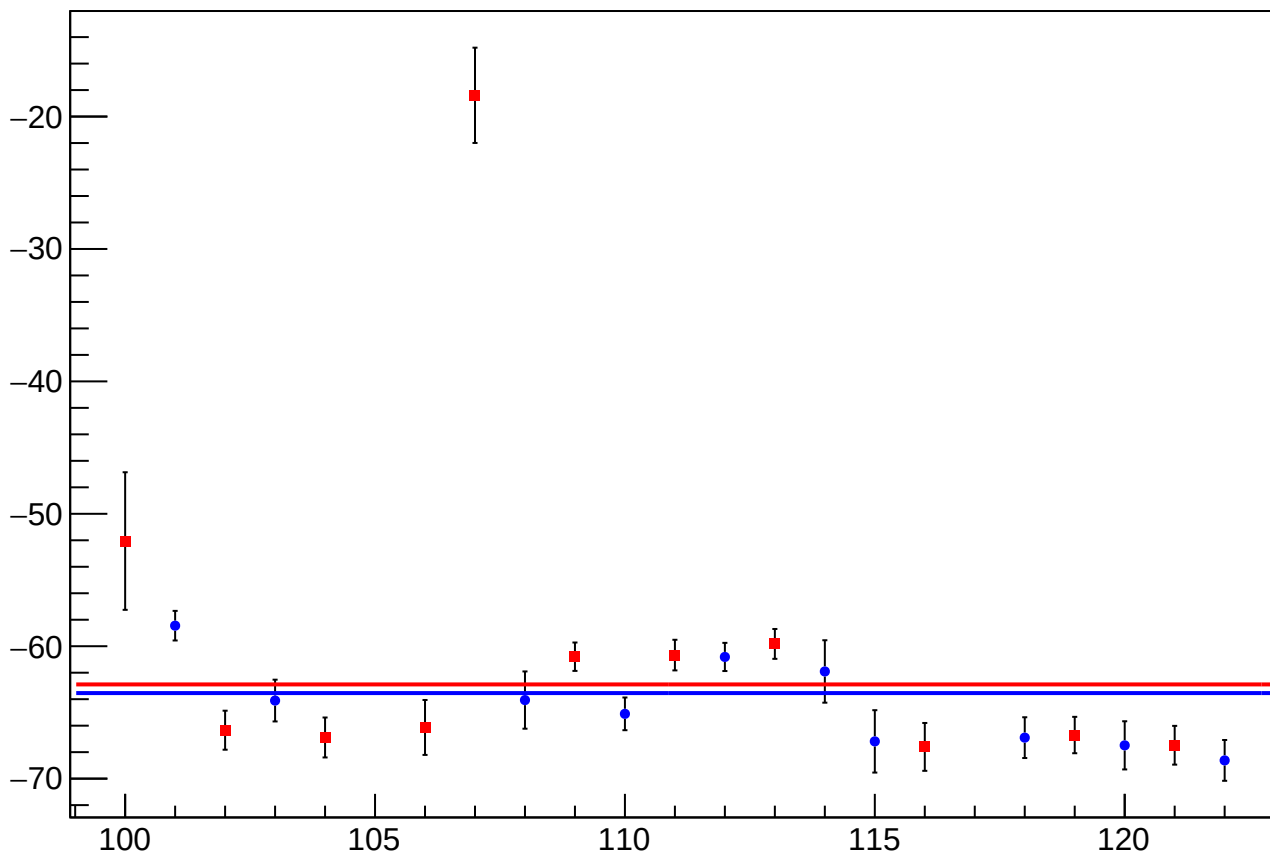
Right: -0.215+/-0.312 χ^2/NDF : 83.6/20

In: 0.227+/-0.438 χ^2/NDF : 65.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.215+/-0.312 χ^2/NDF : 83.6/20

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.539+/-0.473 χ^2/NDF : 52.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.885+/-0.449 χ^2/NDF : 211.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

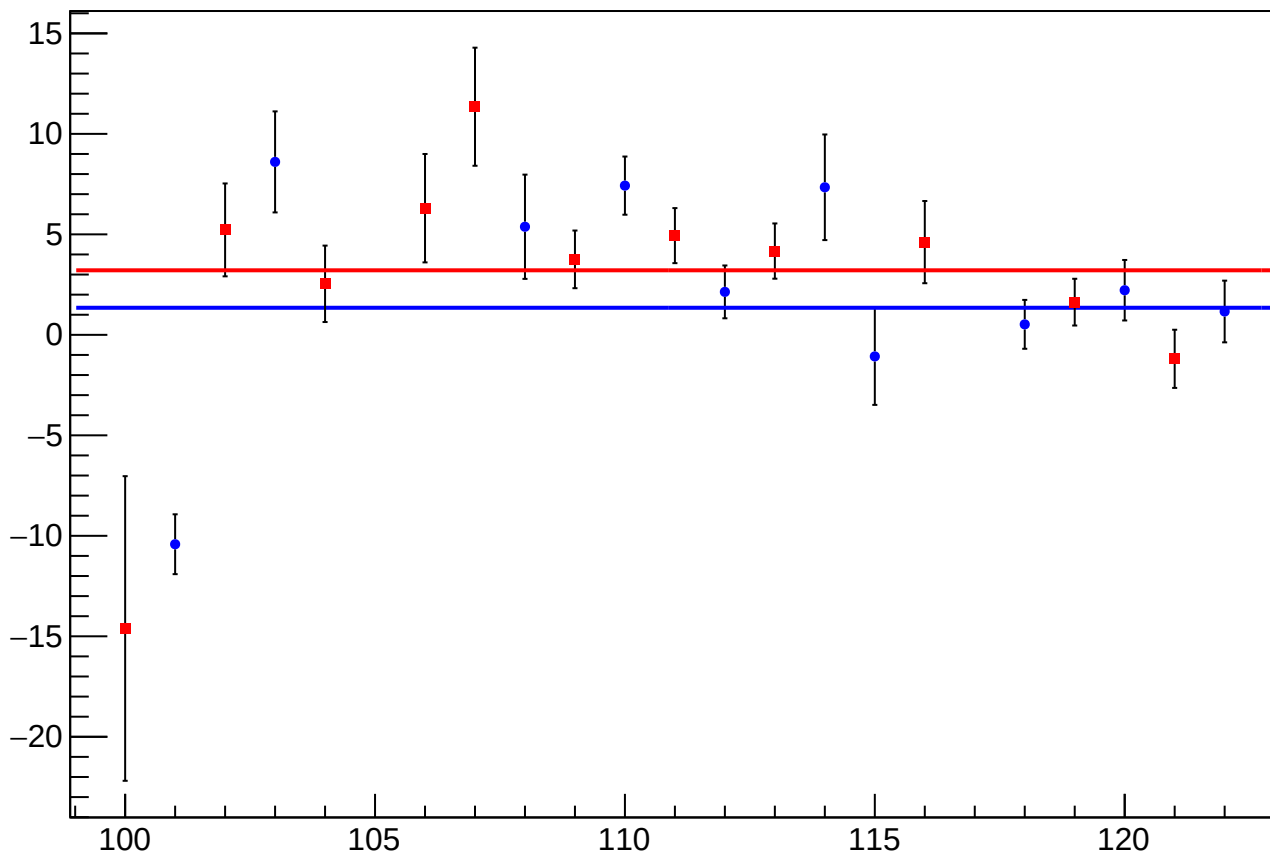
Right: -63.195+/-0.326 χ^2/NDF : 264.9/20

In: -63.539+/-0.473 χ^2/NDF : 52.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.195+/-0.326 χ^2/NDF : 264.9/20

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.348+/-0.522 χ^2/NDF : 98.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.211+/-0.517 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

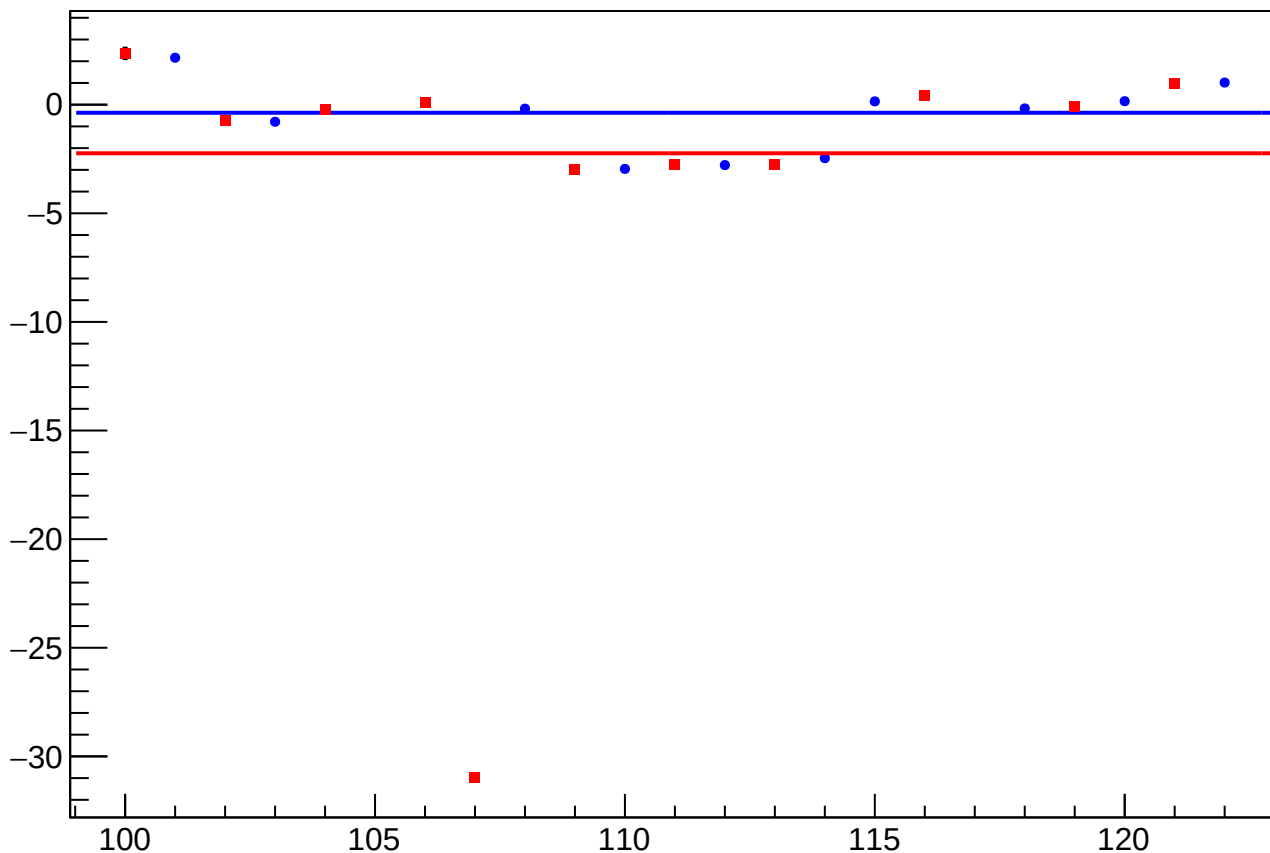
Right: 2.288+/-0.367 χ^2/NDF : 133.8/20

In: 1.348+/-0.522 χ^2/NDF : 98.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.288+/-0.367 χ^2/NDF : 133.8/20

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.372 ± 0.030 χ^2/NDF : 3261.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.237 ± 0.029 χ^2/NDF : 42482.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

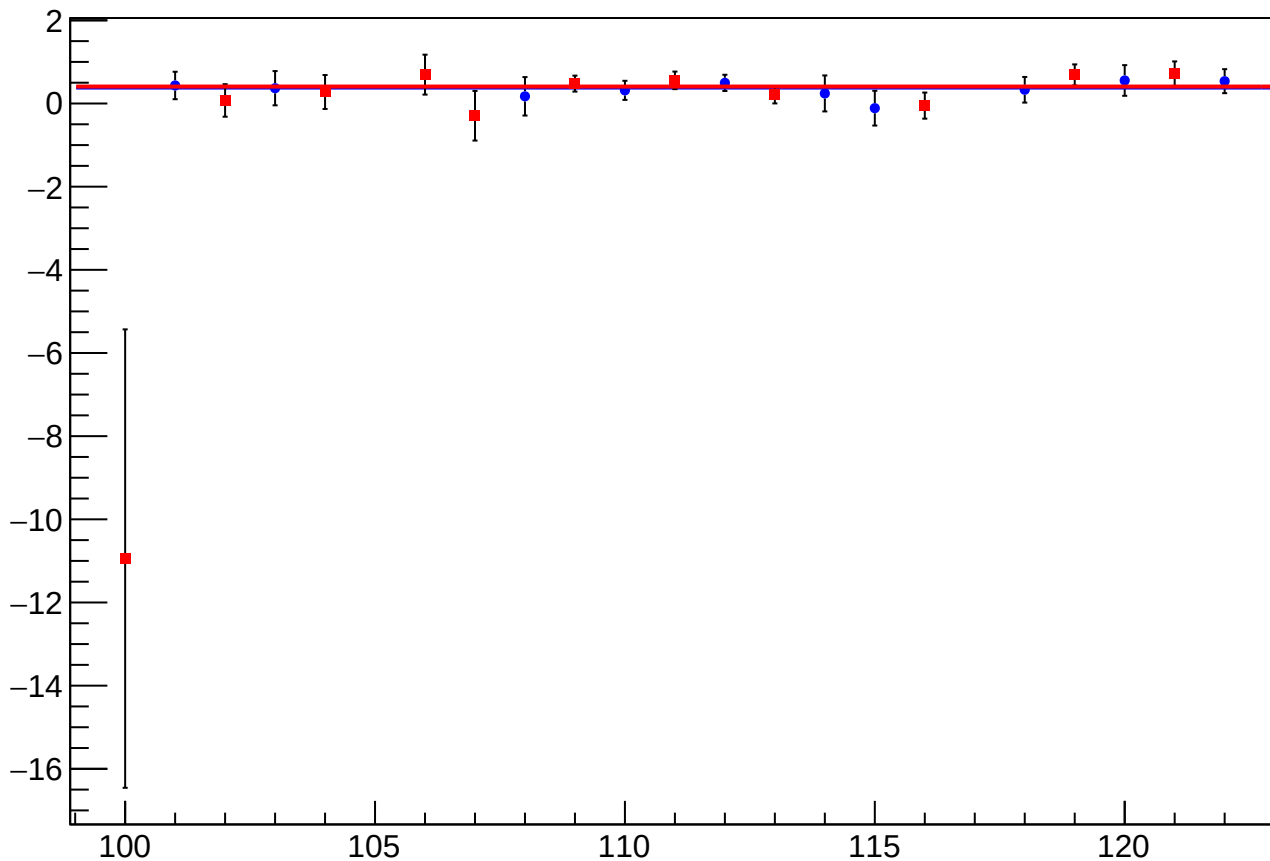
Right: -1.359 ± 0.021 χ^2/NDF : 47724.0/20

In: -0.372 ± 0.030 χ^2/NDF : 3261.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.359 ± 0.021 χ^2/NDF : 47724.0/20

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.384+/-0.097 χ^2/NDF : 2.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.407+/-0.088 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

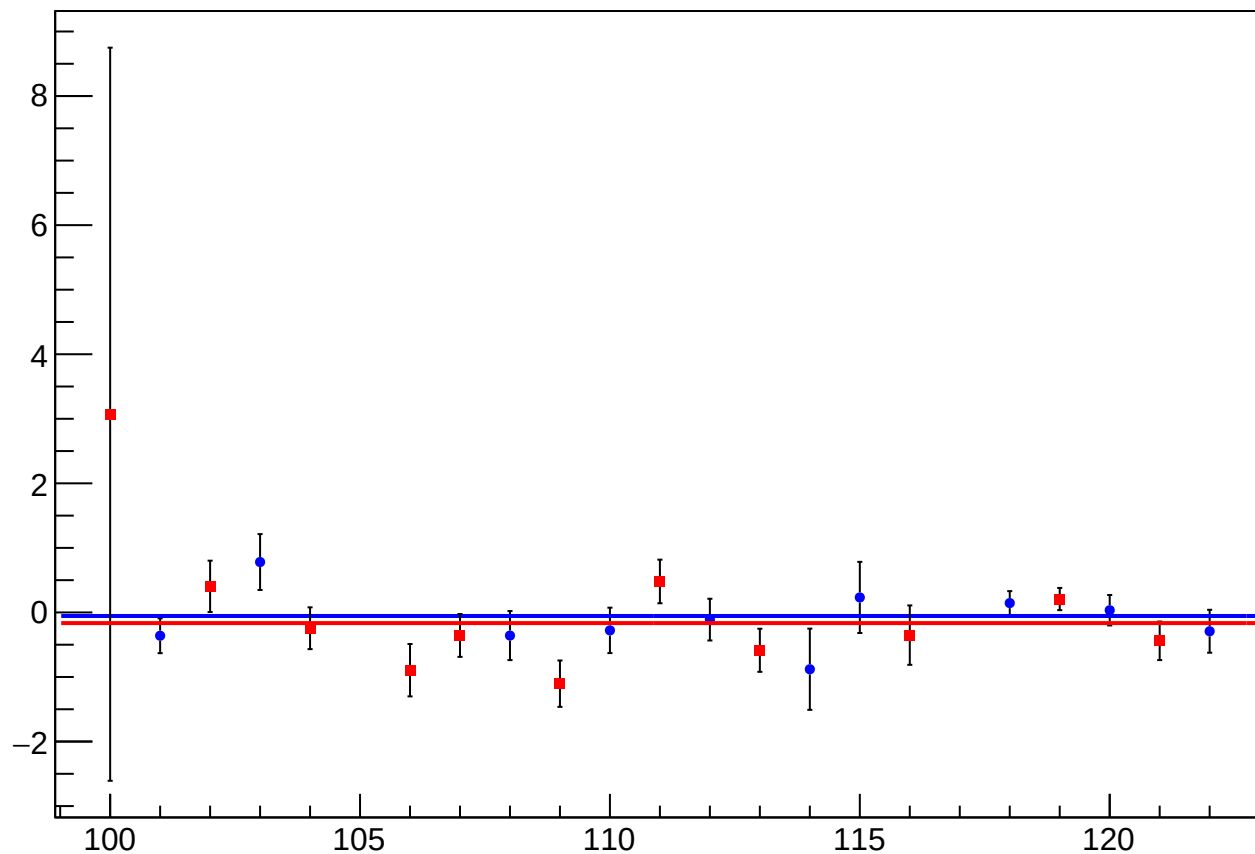
Right: 0.397+/-0.065 χ^2/NDF : 15.5/20

In: 0.384+/-0.097 χ^2/NDF : 2.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.397+/-0.065 χ^2/NDF : 15.5/20

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.055 ± 0.097 χ^2/NDF : 9.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.165 ± 0.097 χ^2/NDF : 23.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

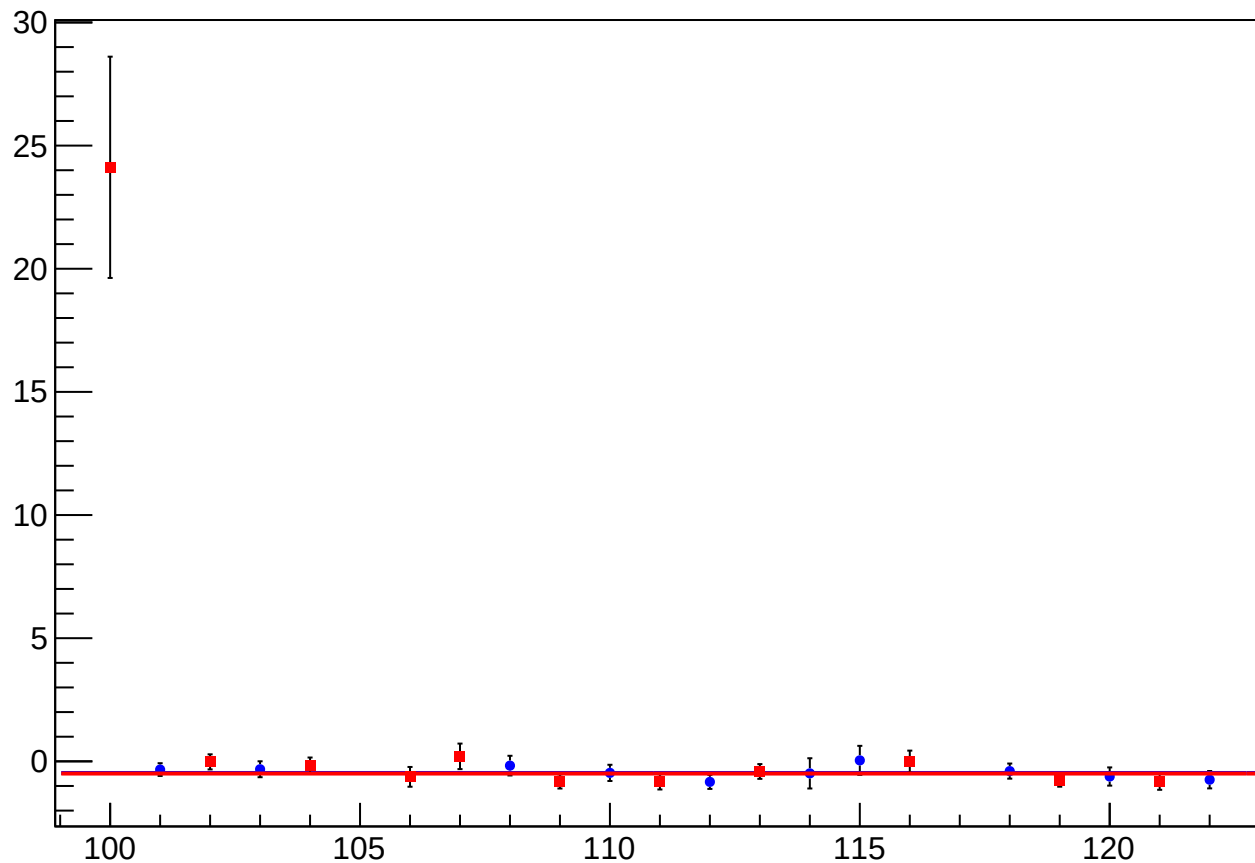
Right: -0.110 ± 0.069 χ^2/NDF : 34.3/20

In: -0.055 ± 0.097 χ^2/NDF : 9.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.110 ± 0.069 χ^2/NDF : 34.3/20

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.473 ± 0.109 χ^2/NDF : 4.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.495 ± 0.104 χ^2/NDF : 41.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

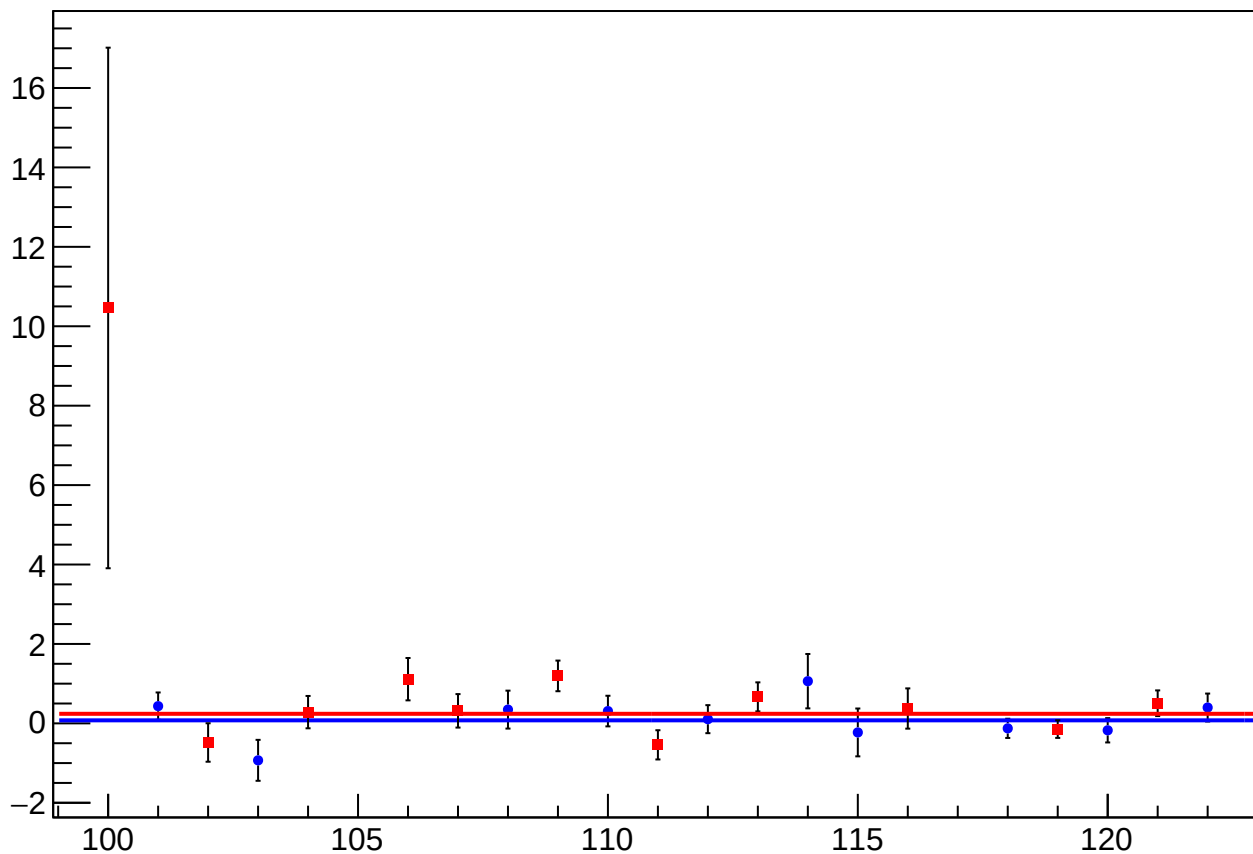
Right: -0.485 ± 0.075 χ^2/NDF : 45.5/20

In: -0.473 ± 0.109 χ^2/NDF : 4.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.485 ± 0.075 χ^2/NDF : 45.5/20

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.076+/-0.118 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.241+/-0.116 χ^2/NDF : 23.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

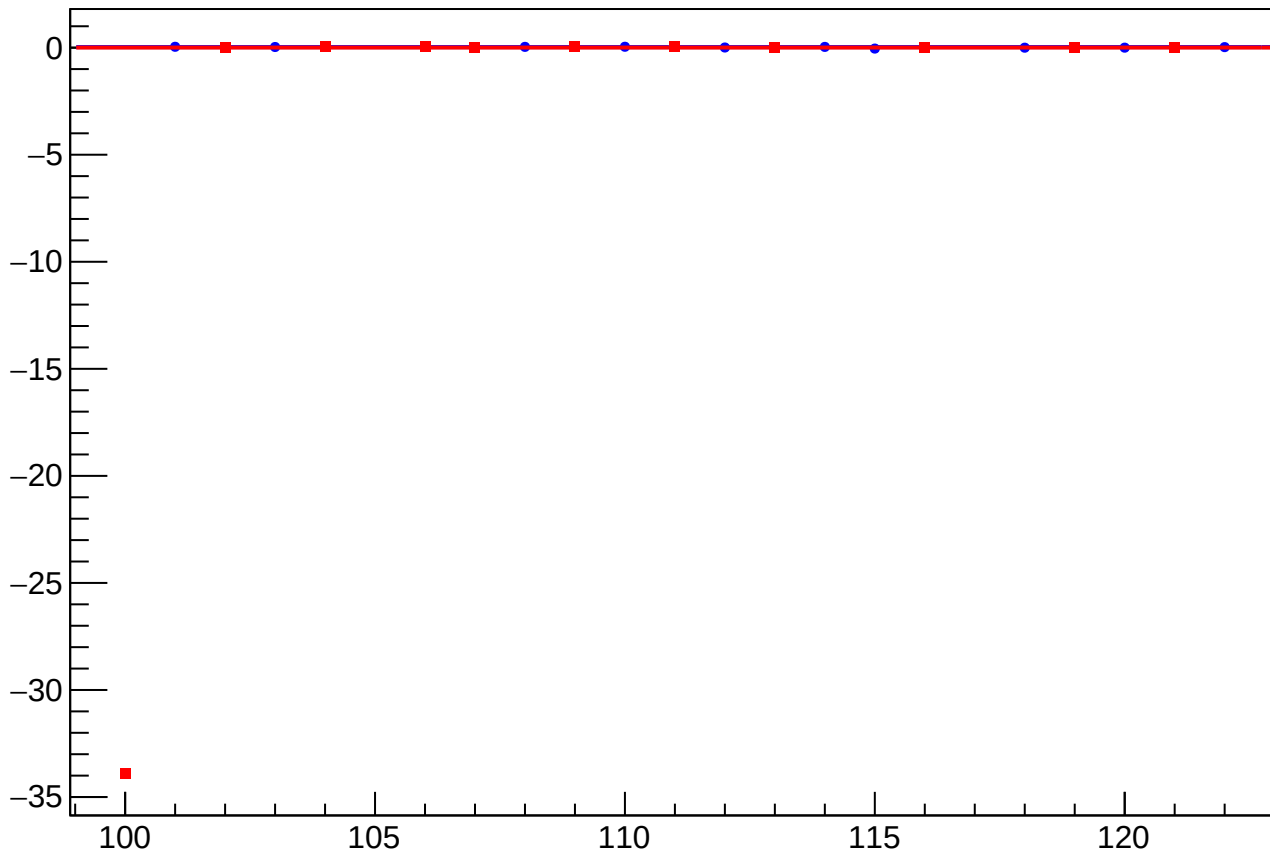
Right: 0.160+/-0.083 χ^2/NDF : 34.2/20

In: 0.076+/-0.118 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.160+/-0.083 χ^2/NDF : 34.2/20

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.007 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.006 χ^2/NDF : 22253.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

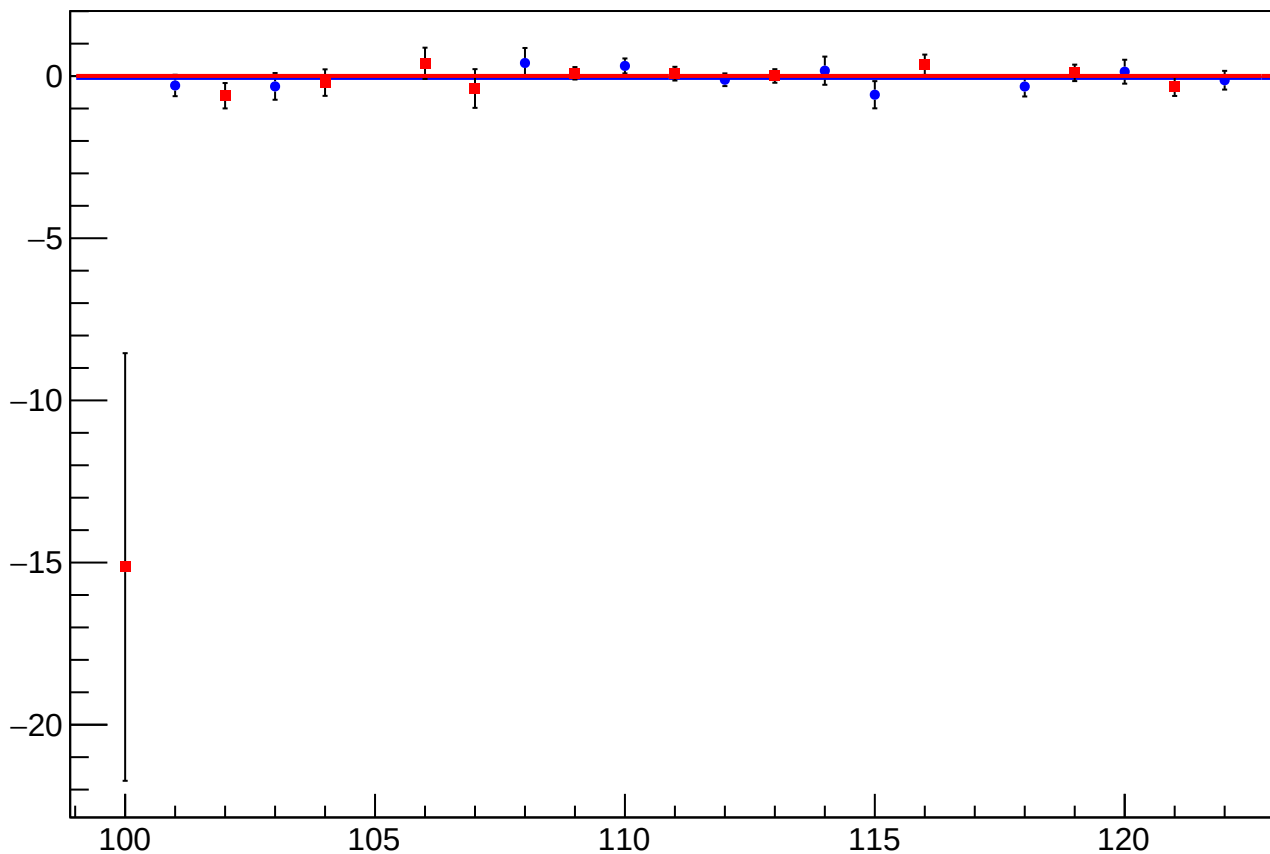
Right: 0.015+/-0.005 χ^2/NDF : 22265.9/20

In: 0.027+/-0.007 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.005 χ^2/NDF : 22265.9/20

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.056+/-0.097 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.088 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

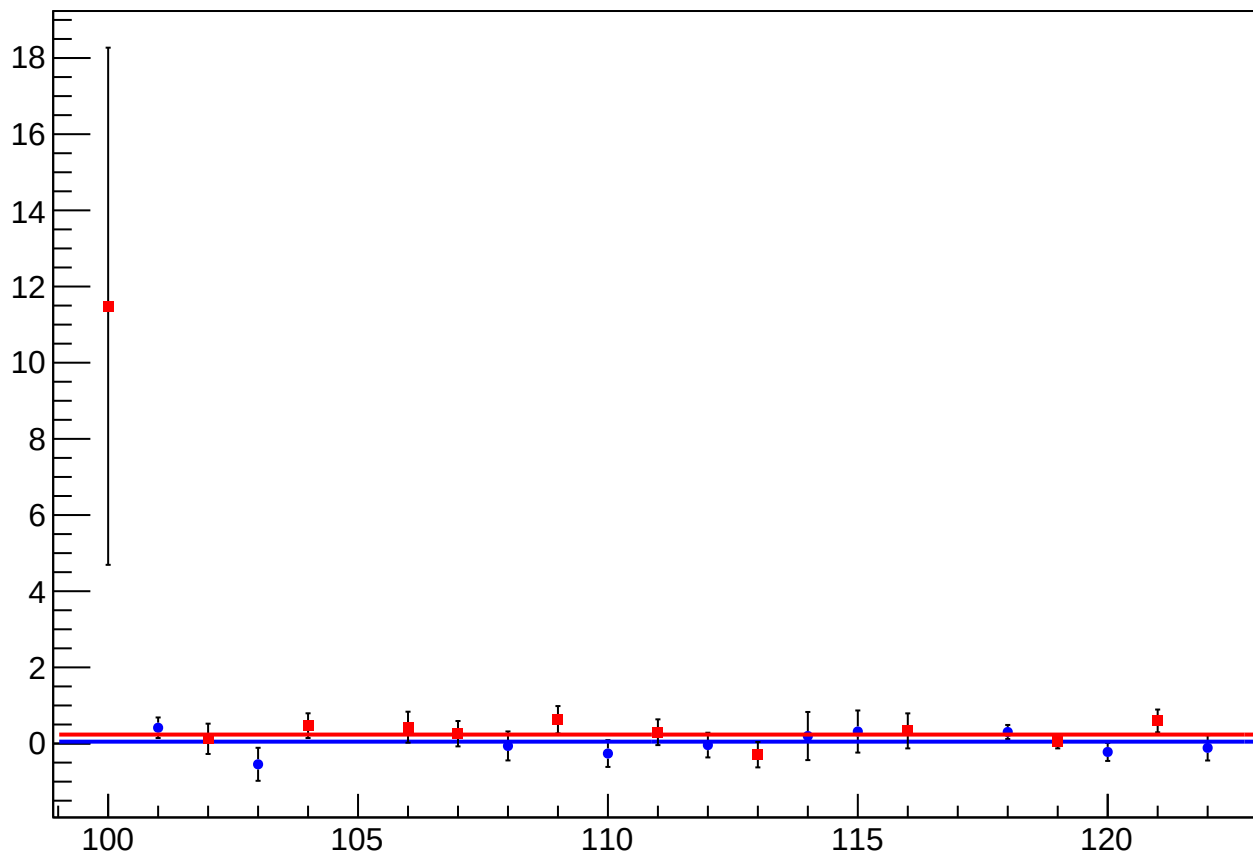
Right: -0.023+/-0.065 χ^2/NDF : 19.5/20

In: -0.056+/-0.097 χ^2/NDF : 7.4/9

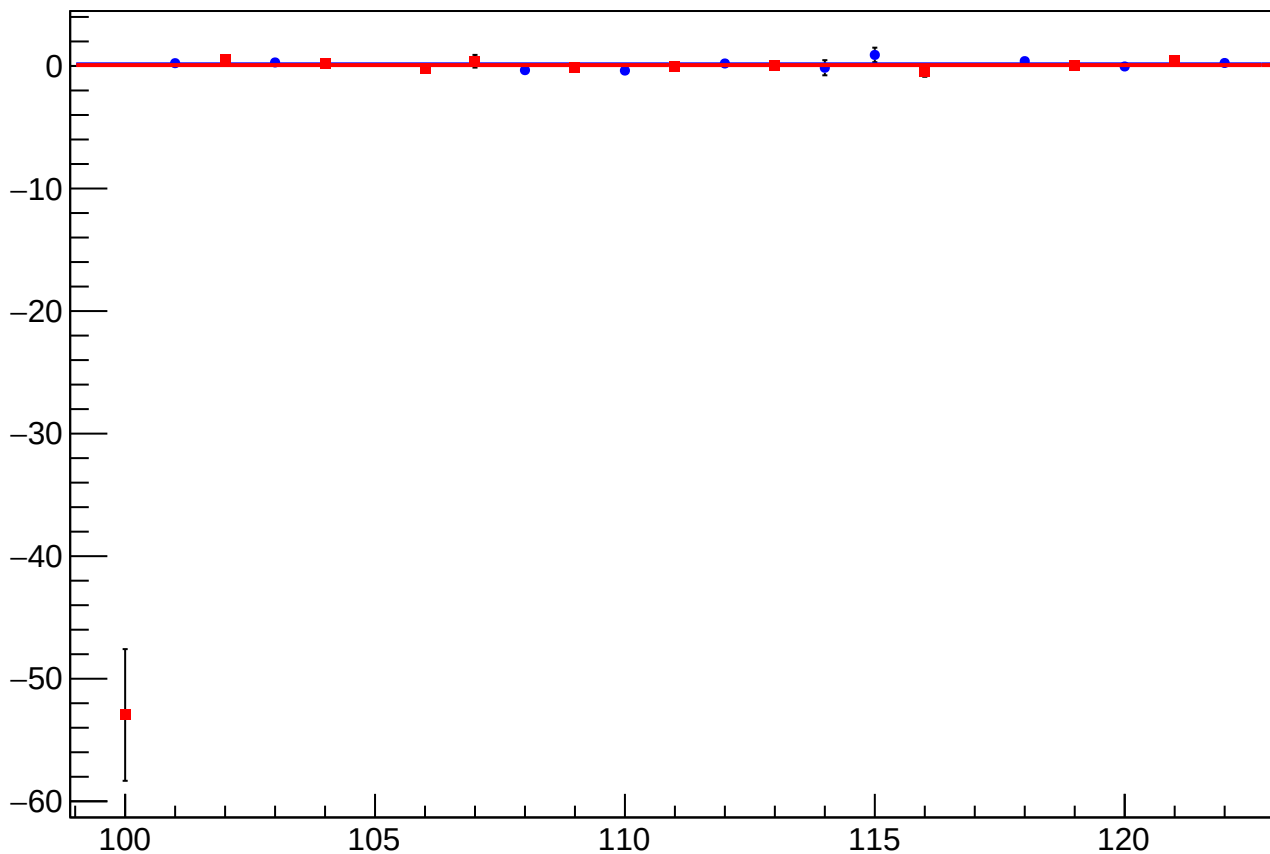
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.065 χ^2/NDF : 19.5/20

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



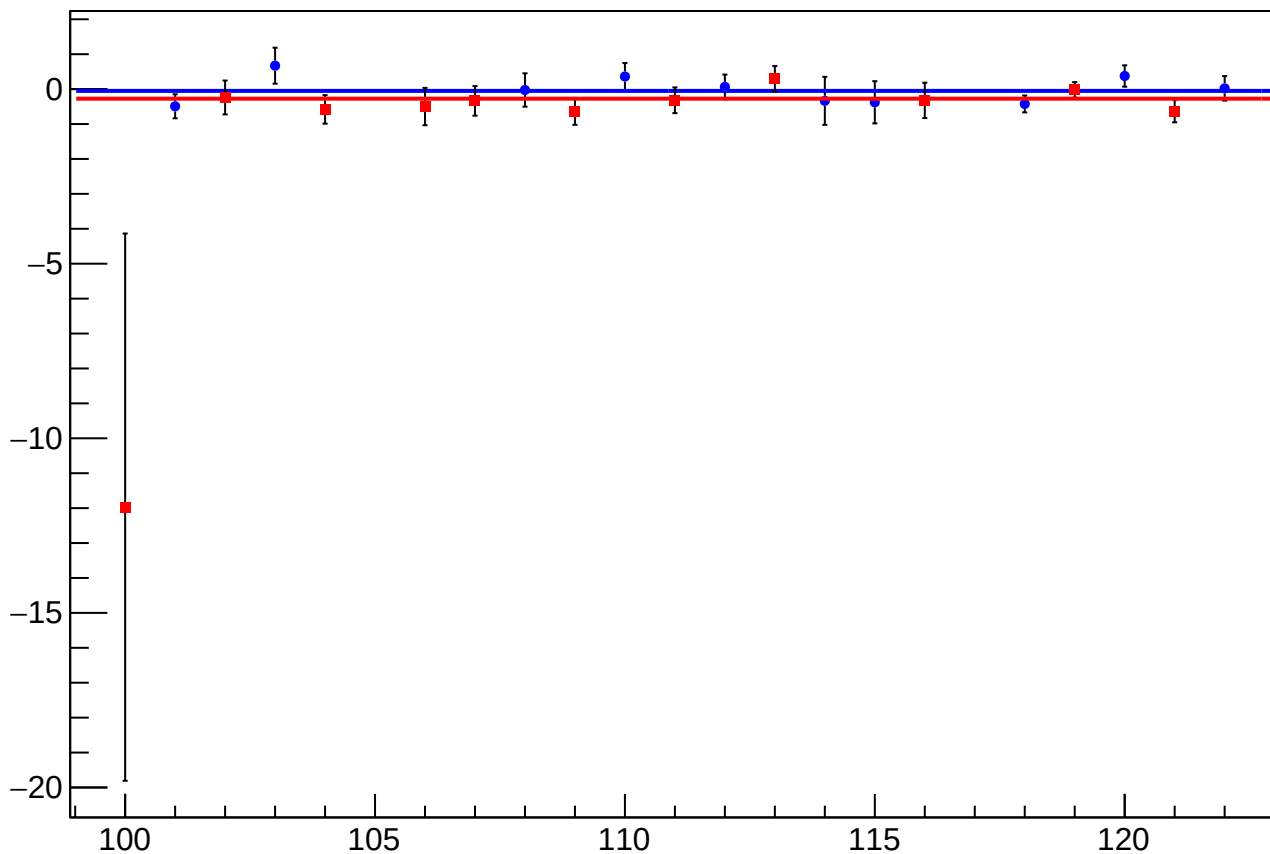
reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.133+/-0.109 χ^2/NDF : 7.1/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.071+/-0.104 χ^2/NDF : 103.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.100+/-0.075 χ^2/NDF : 110.6/20
 In: 0.133+/-0.109 χ^2/NDF : 7.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.100+/-0.075 χ^2/NDF : 110.6/20

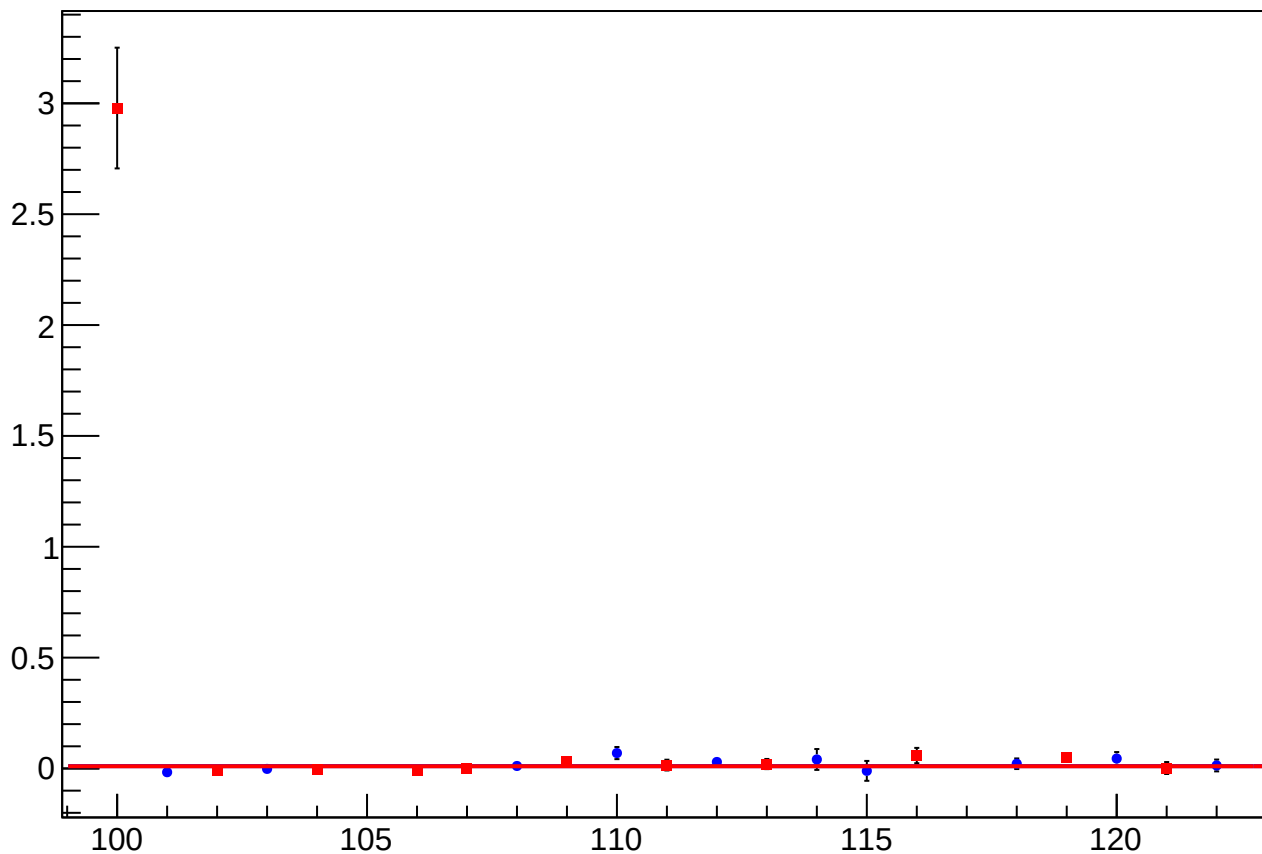
reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.051 ± 0.118 χ^2/NDF : 9.7/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.274 ± 0.116 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: -0.165 ± 0.083 χ^2/NDF : 20.3/20
 In: -0.051 ± 0.118 χ^2/NDF : 9.7/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.165 ± 0.083 χ^2/NDF : 20.3/20

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.007 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.006 χ^2/NDF : 130.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

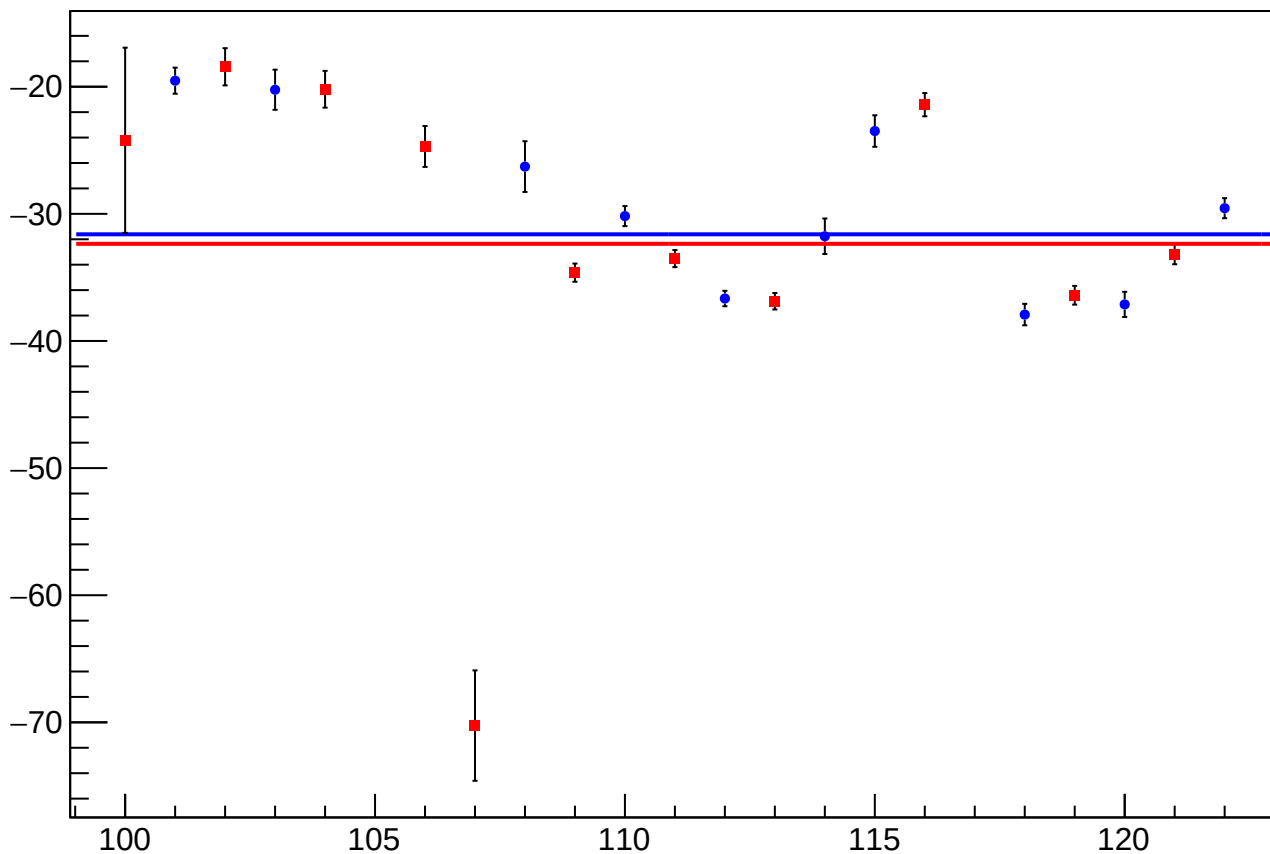
Right: 0.010+/-0.005 χ^2/NDF : 142.2/20

In: 0.011+/-0.007 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.005 χ^2/NDF : 142.2/20

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.610 $\pm$ 0.300 χ^2 /NDF: 406.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.359 $\pm$ 0.282 χ^2 /NDF: 497.7/10

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

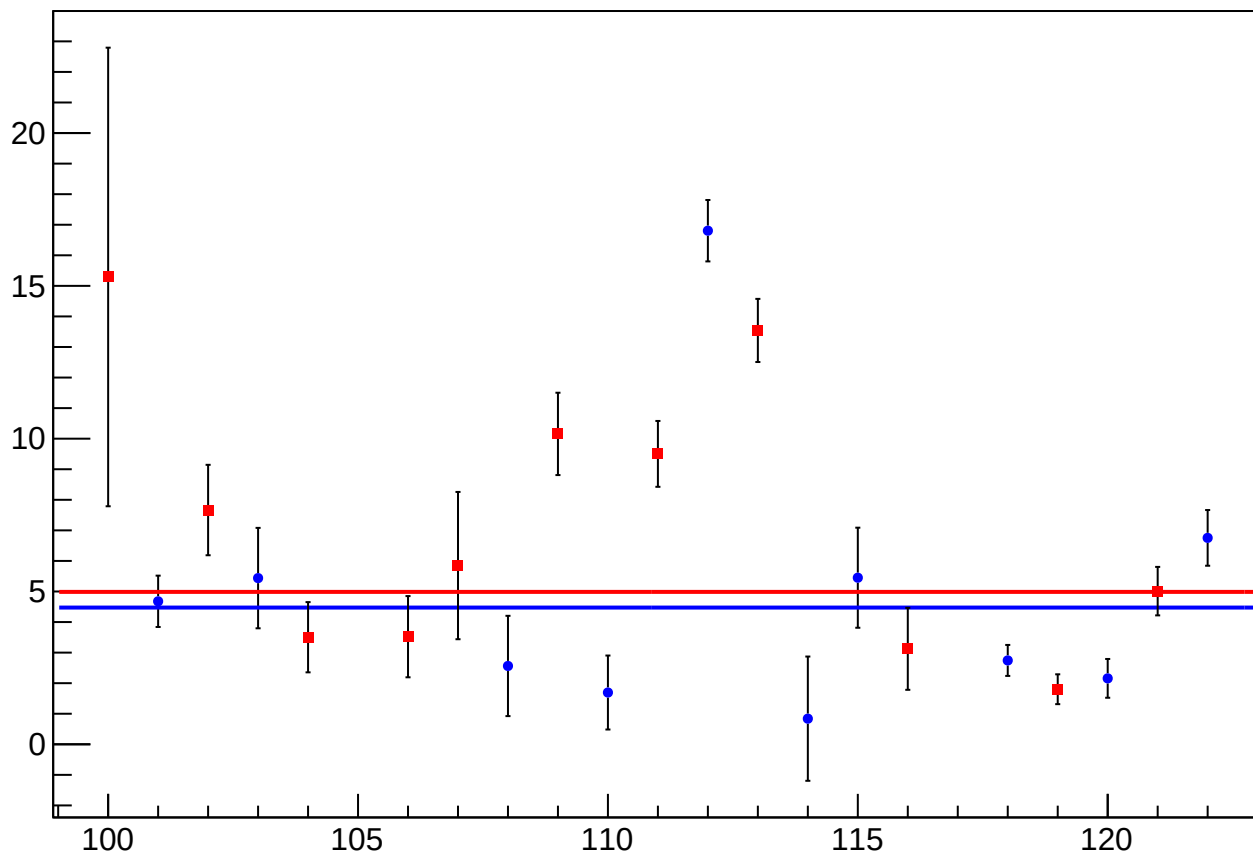
Right: -32.008 $\pm$ 0.205 χ^2 /NDF: 907.8/20

In: -31.610 $\pm$ 0.300 χ^2 /NDF:406.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.008 $\pm$ 0.205 χ^2 /NDF: 907.8/20

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.474+/-0.288 χ^2/NDF : 192.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.987+/-0.306 χ^2/NDF : 153.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

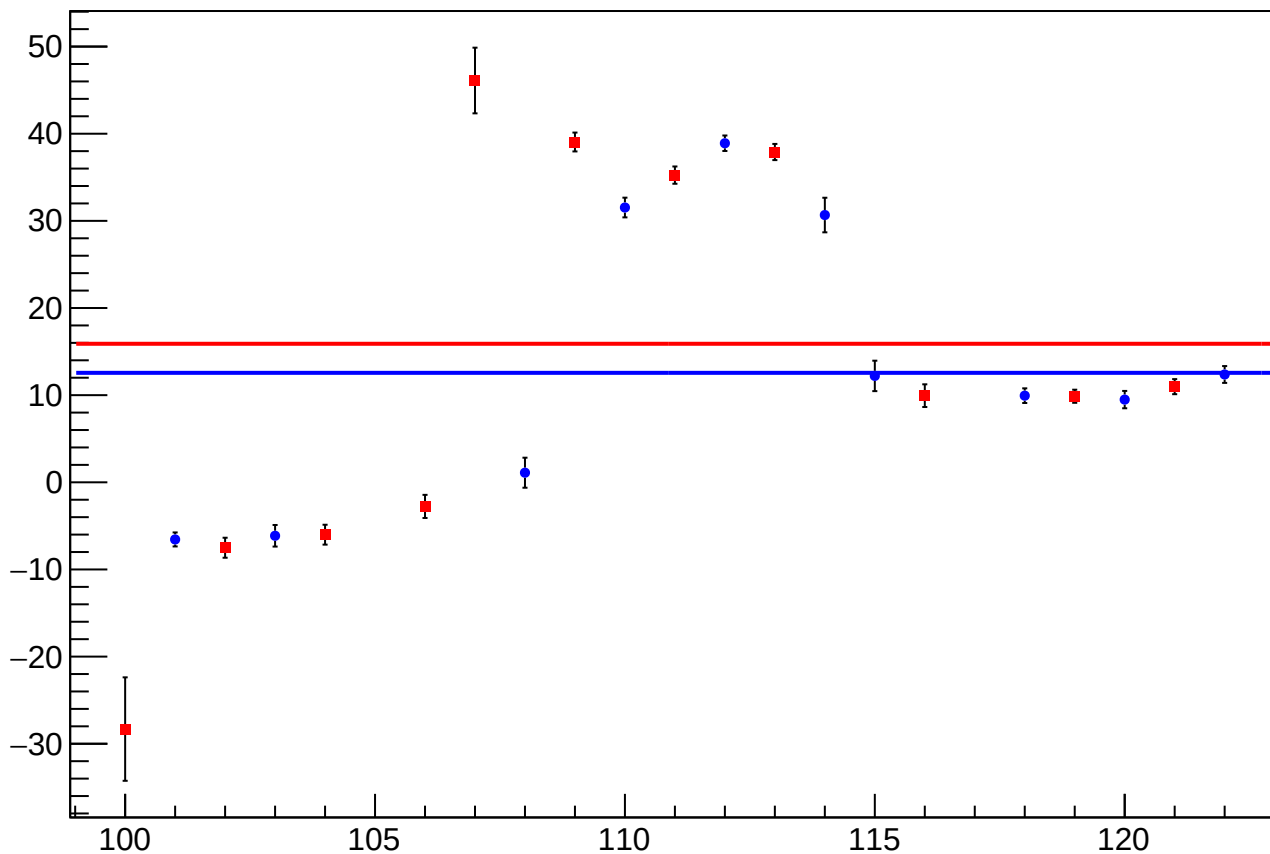
Right: 4.715+/-0.210 χ^2/NDF : 347.5/20

In: 4.474+/-0.288 χ^2/NDF : 192.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.715+/-0.210 χ^2/NDF : 347.5/20

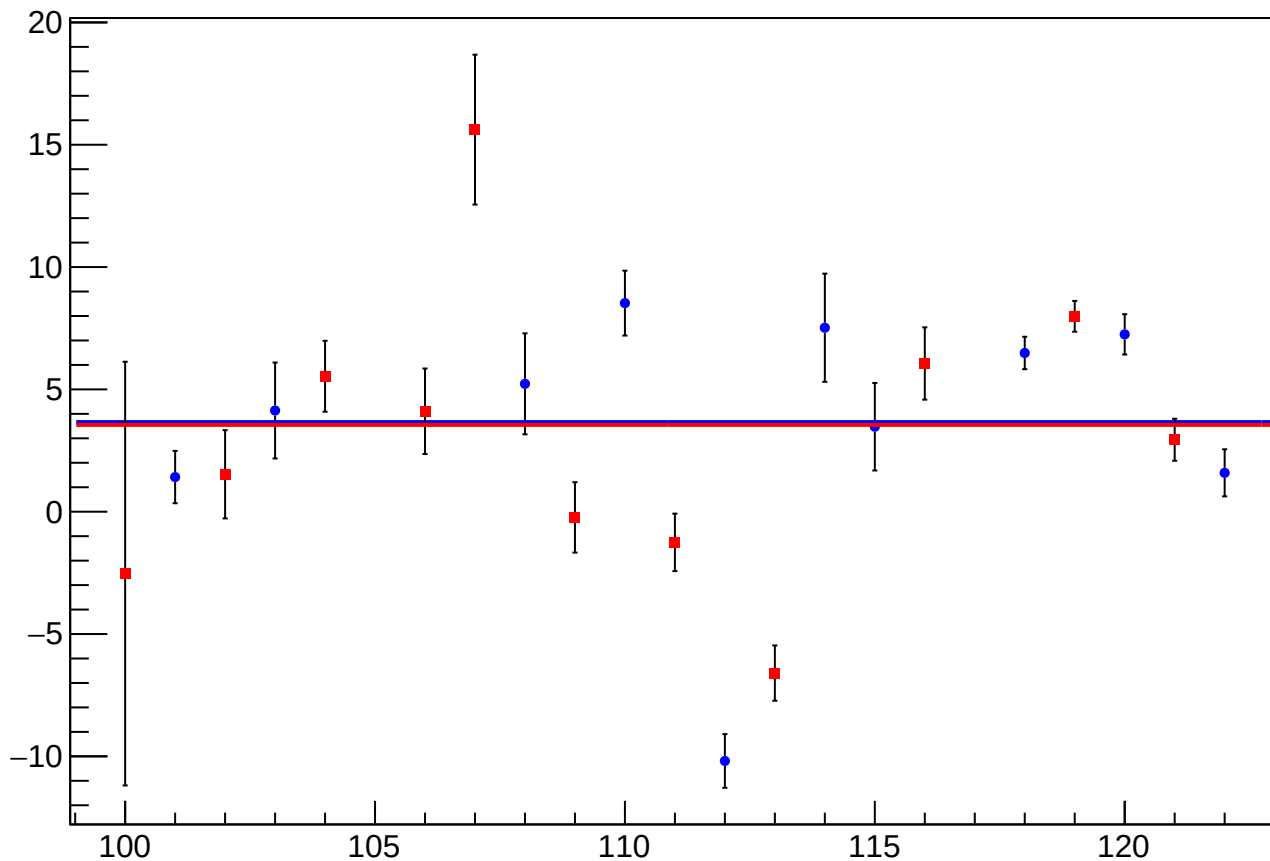
reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.562+/-0.340 χ^2/NDF : 2101.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 15.896+/-0.335 χ^2/NDF : 2622.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 14.254+/-0.238 χ^2/NDF : 4772.2/20
 In: 12.562+/-0.340 χ^2/NDF : 2101.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.254+/-0.238 χ^2/NDF : 4772.2/20

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.663+/-0.351 χ^2/NDF : 222.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.549+/-0.364 χ^2/NDF : 176.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

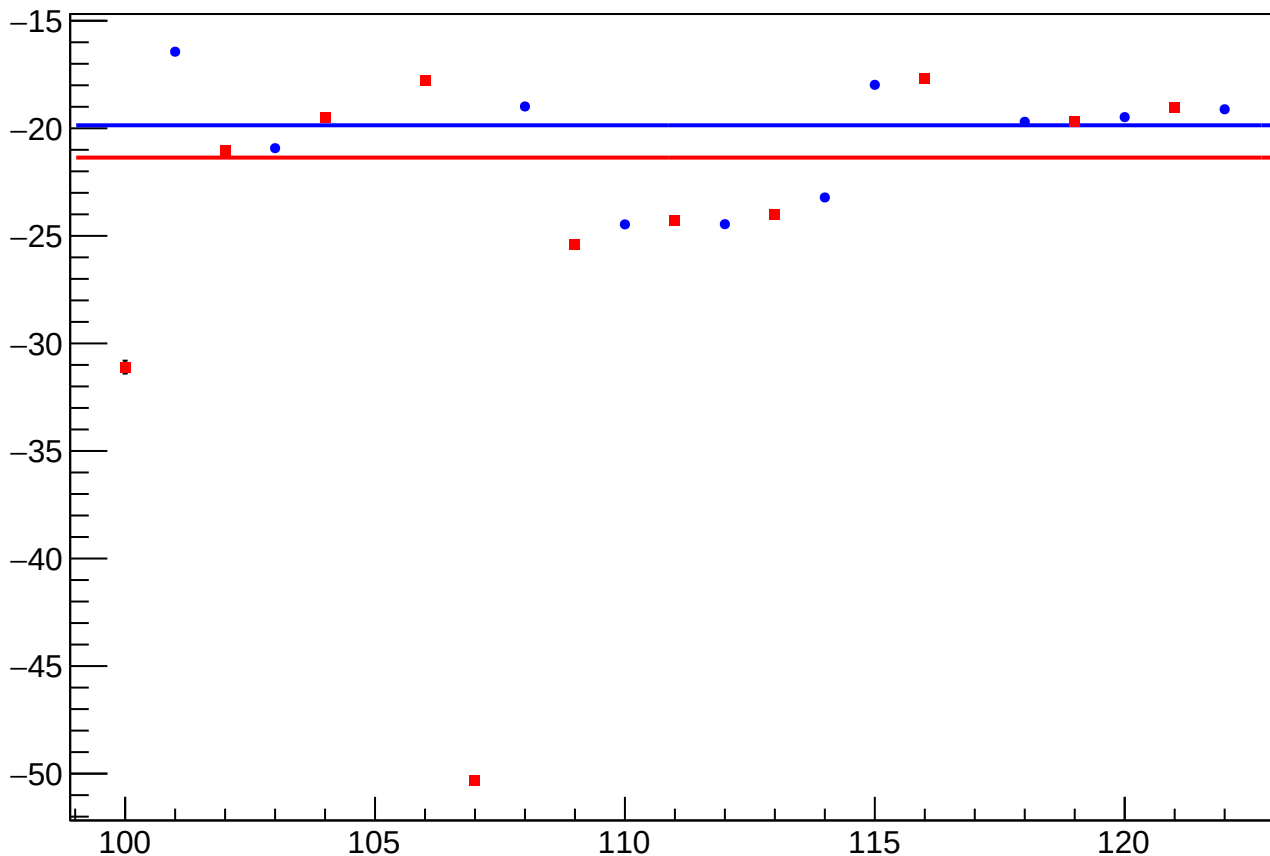
Right: 3.608+/-0.253 χ^2/NDF : 399.2/20

In: 3.663+/-0.351 χ^2/NDF : 222.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.608+/-0.253 χ^2/NDF : 399.2/20

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.860 ± 0.022 χ^2/NDF : 13289.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.362 ± 0.022 χ^2/NDF : 50059.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

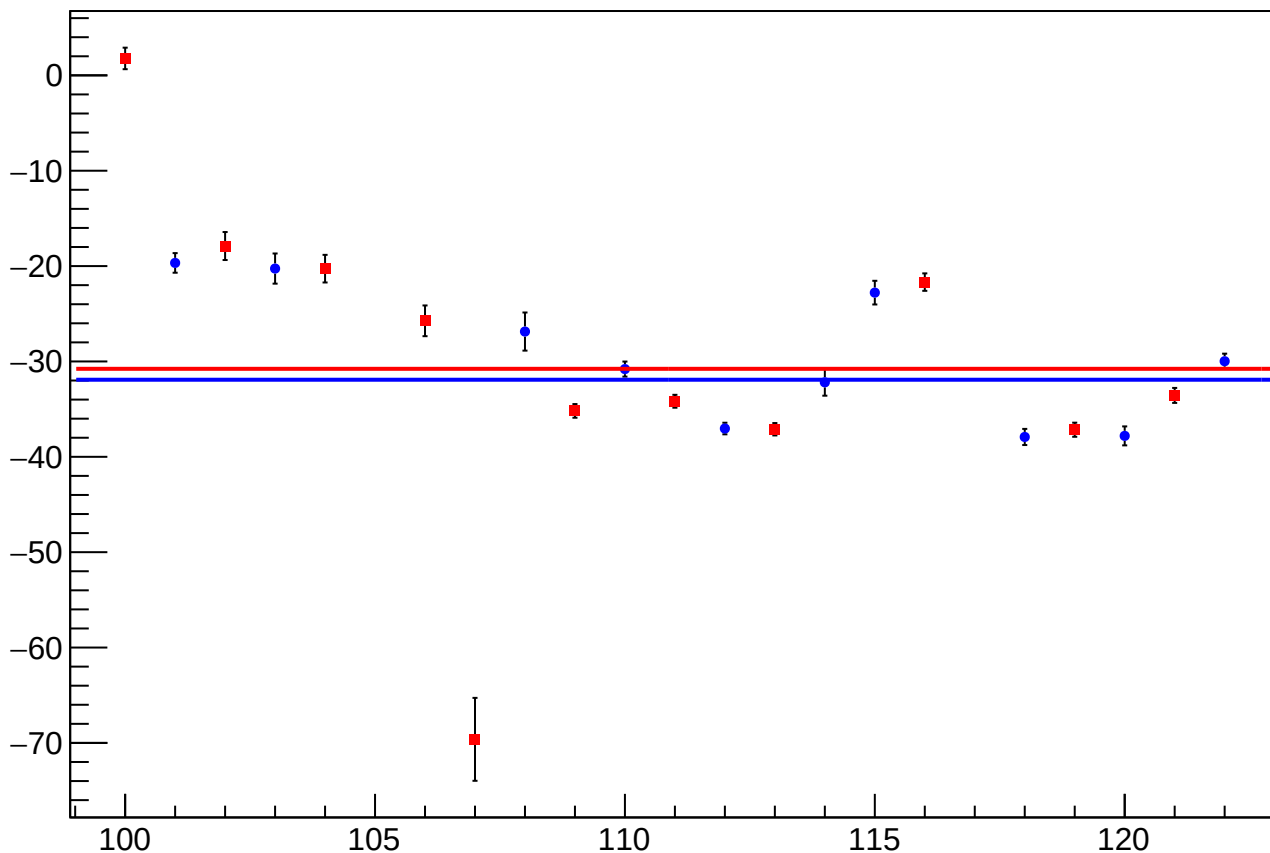
Right: -20.634 ± 0.016 χ^2/NDF : 65687.4/20

In: -19.860 ± 0.022 χ^2/NDF : 13289.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.634 ± 0.016 χ^2/NDF : 65687.4/20

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.917 ± 0.301 $\chi^2/\text{NDF}: 421.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.772 ± 0.274 $\chi^2/\text{NDF}: 1395.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

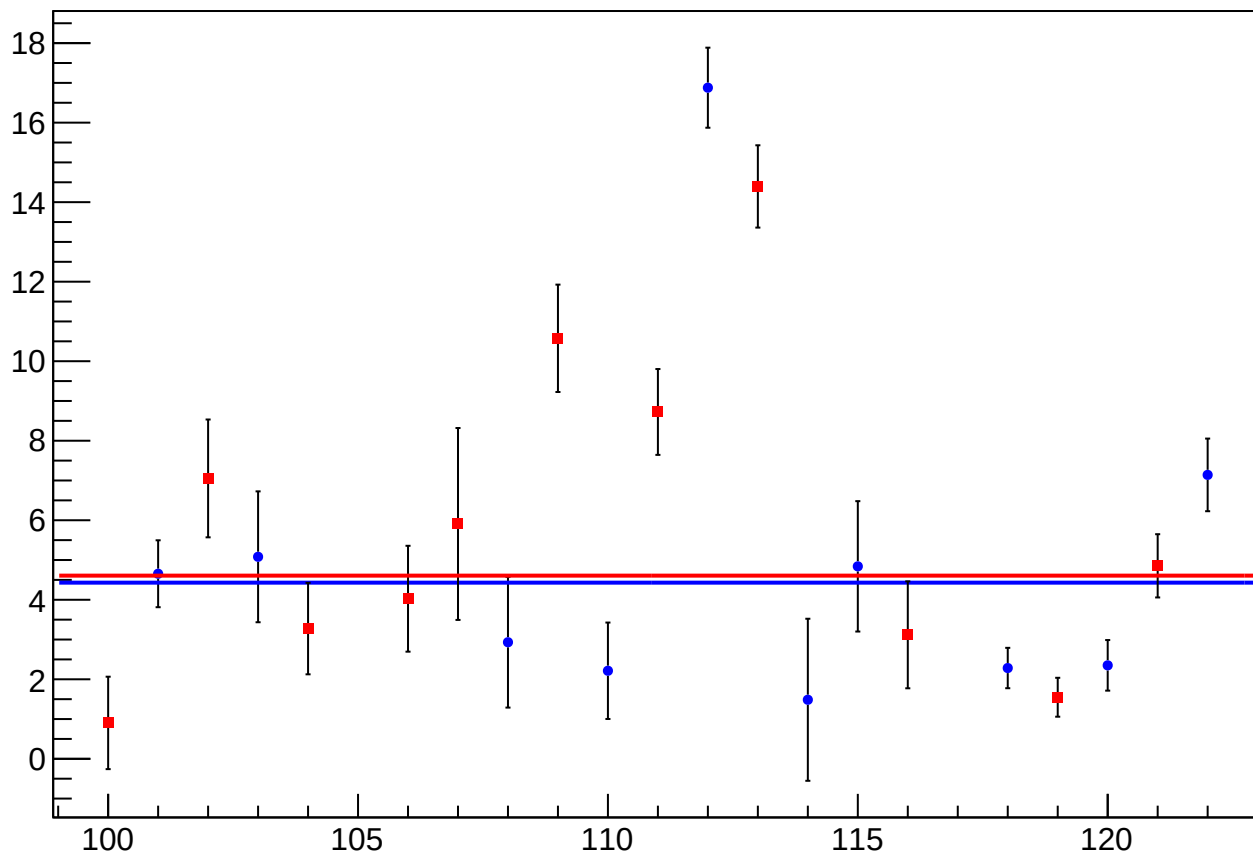
Right: -31.292 ± 0.202 $\chi^2/\text{NDF}: 1824.8/20$

In: -31.917 ± 0.301 $\chi^2/\text{NDF}: 421.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.292 ± 0.202 $\chi^2/\text{NDF}: 1824.8/20$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.431+/-0.289 χ^2/NDF : 196.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.607+/-0.297 χ^2/NDF : 178.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

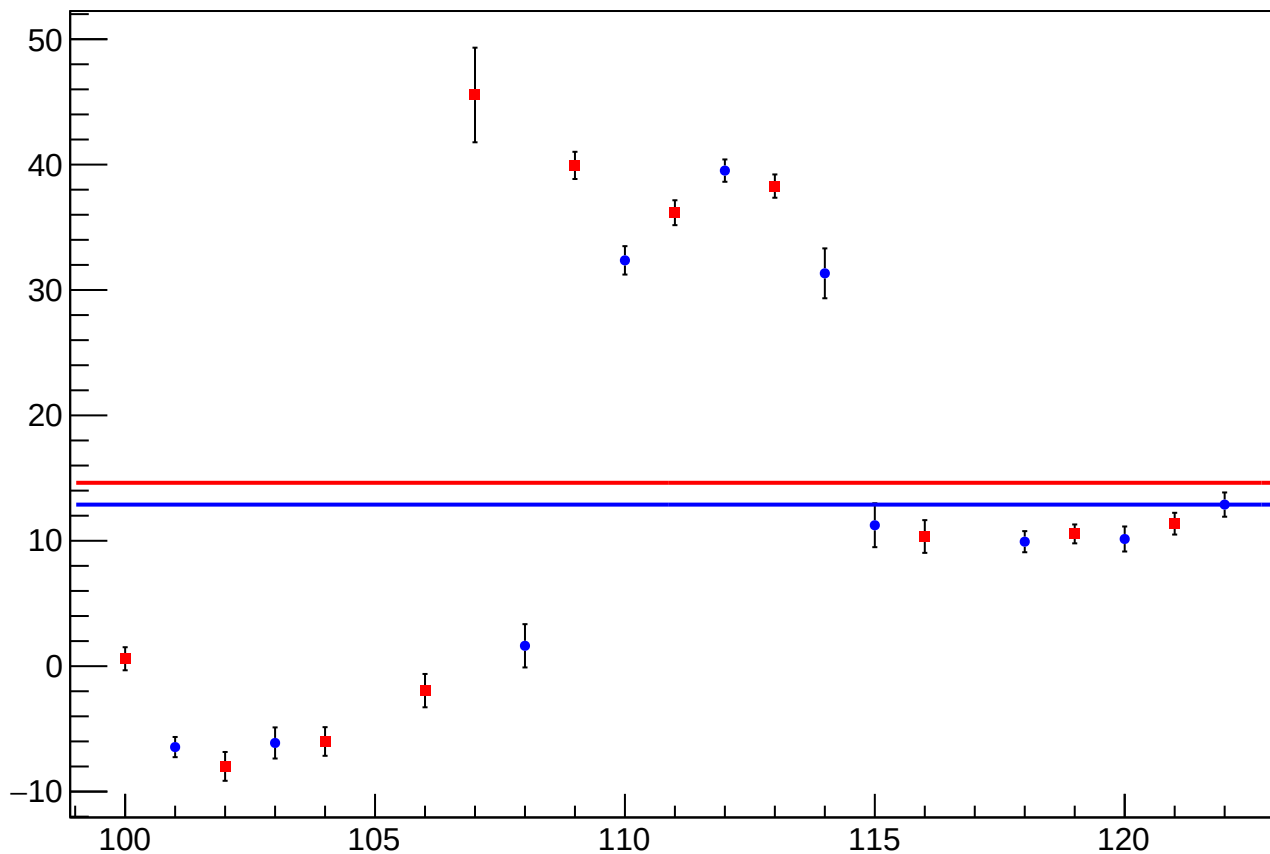
Right: 4.516+/-0.207 χ^2/NDF : 375.6/20

In: 4.431+/-0.289 χ^2/NDF : 196.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.516+/-0.207 χ^2/NDF : 375.6/20

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.885+/-0.340 χ^2/NDF : 2151.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.625+/-0.316 χ^2/NDF : 2886.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

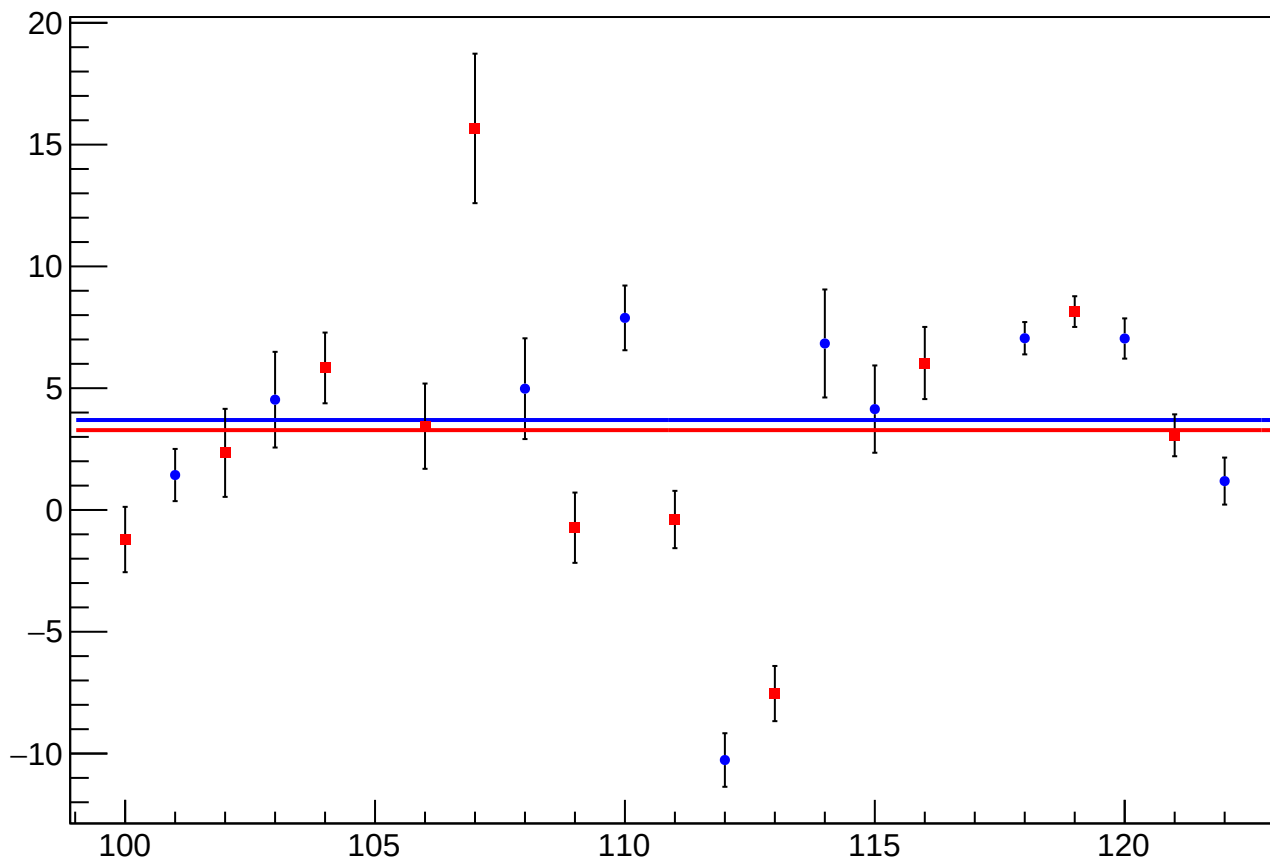
Right: 13.820+/-0.231 χ^2/NDF : 5052.2/20

In: 12.885+/-0.340 χ^2/NDF : 2151.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.820+/-0.231 χ^2/NDF : 5052.2/20

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.693+/-0.352 χ^2/NDF : 227.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.278+/-0.352 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

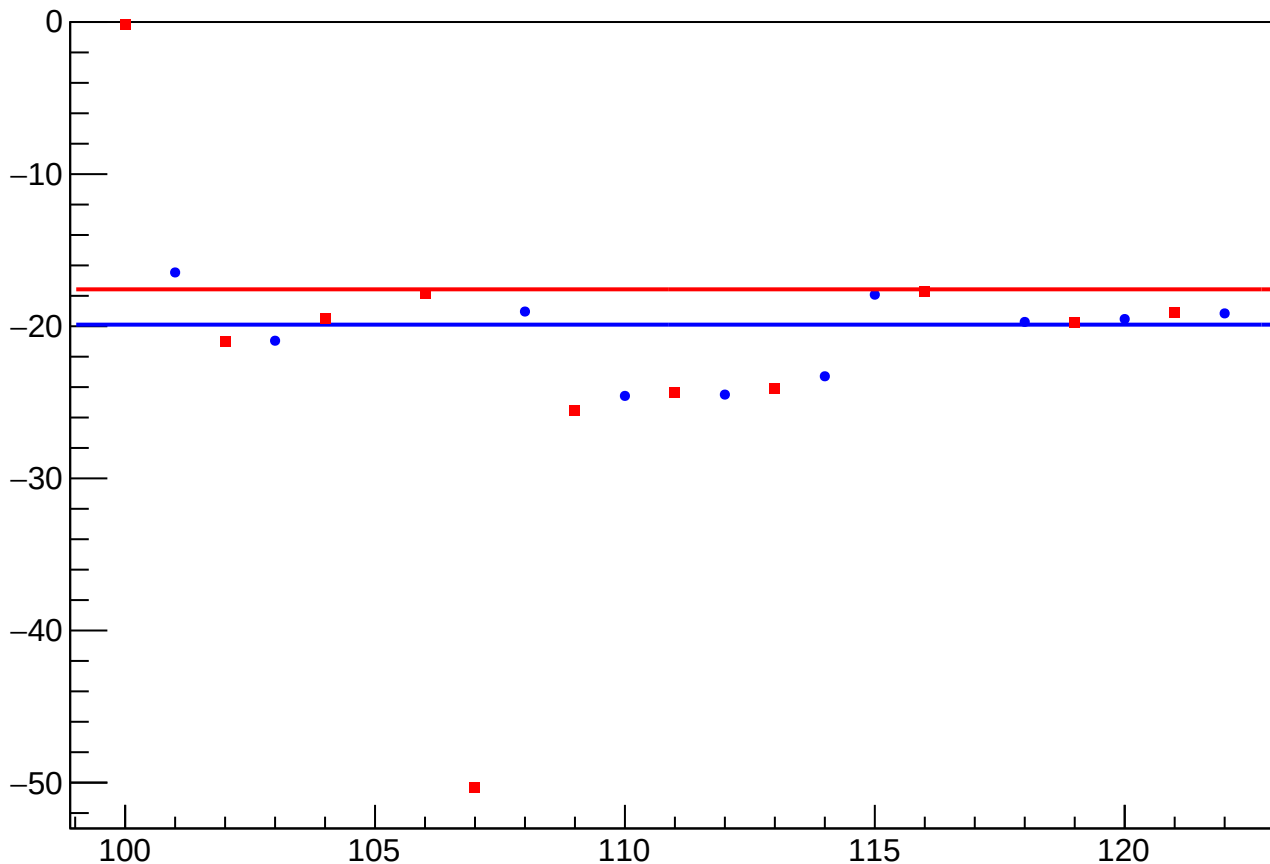
Right: 3.486+/-0.249 χ^2/NDF : 430.2/20

In: 3.693+/-0.352 χ^2/NDF : 227.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.486+/-0.249 χ^2/NDF : 430.2/20

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.894 $\pm$ 0.022 χ^2 /NDF: 13369.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.573 $\pm$ 0.020 χ^2 /NDF: 218854.5/10

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

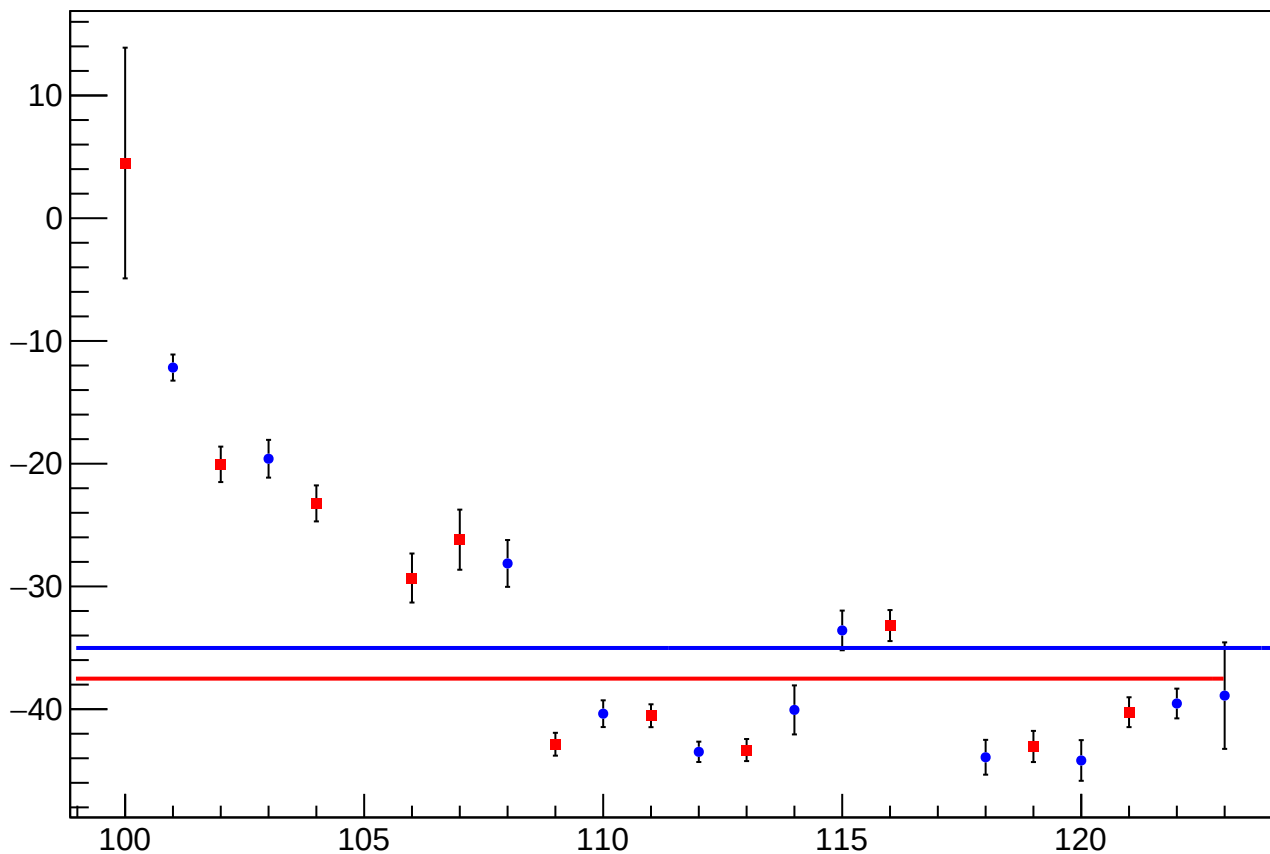
Right: -18.587 $\pm$ 0.015 χ^2 /NDF: 238303.3/20

In: -19.894 $\pm$ 0.022 χ^2 /NDF:13369.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.587 $\pm$ 0.015 χ^2 /NDF: 238303.3/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.014 $\pm$ 0.405 χ^2 /NDF: 794.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.511 $\pm$ 0.382 χ^2 /NDF: 420.3/10

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

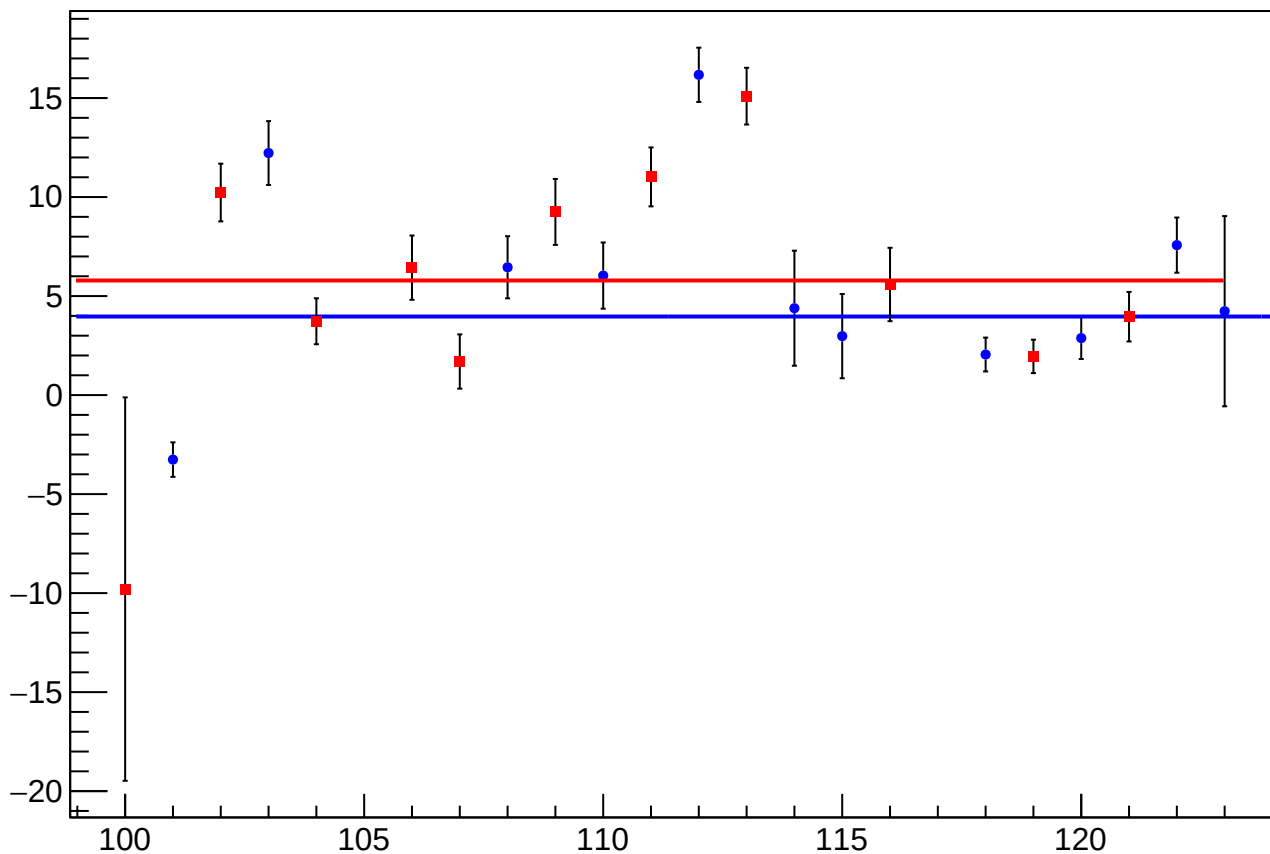
Right: -36.333 $\pm$ 0.278 χ^2 /NDF: 1235.2/21

In: -35.014 $\pm$ 0.405 χ^2 /NDF: 794.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.333 $\pm$ 0.278 χ^2 /NDF: 1235.2/21

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.967+/-0.403 χ^2/NDF : 191.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.787+/-0.416 χ^2/NDF : 105.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

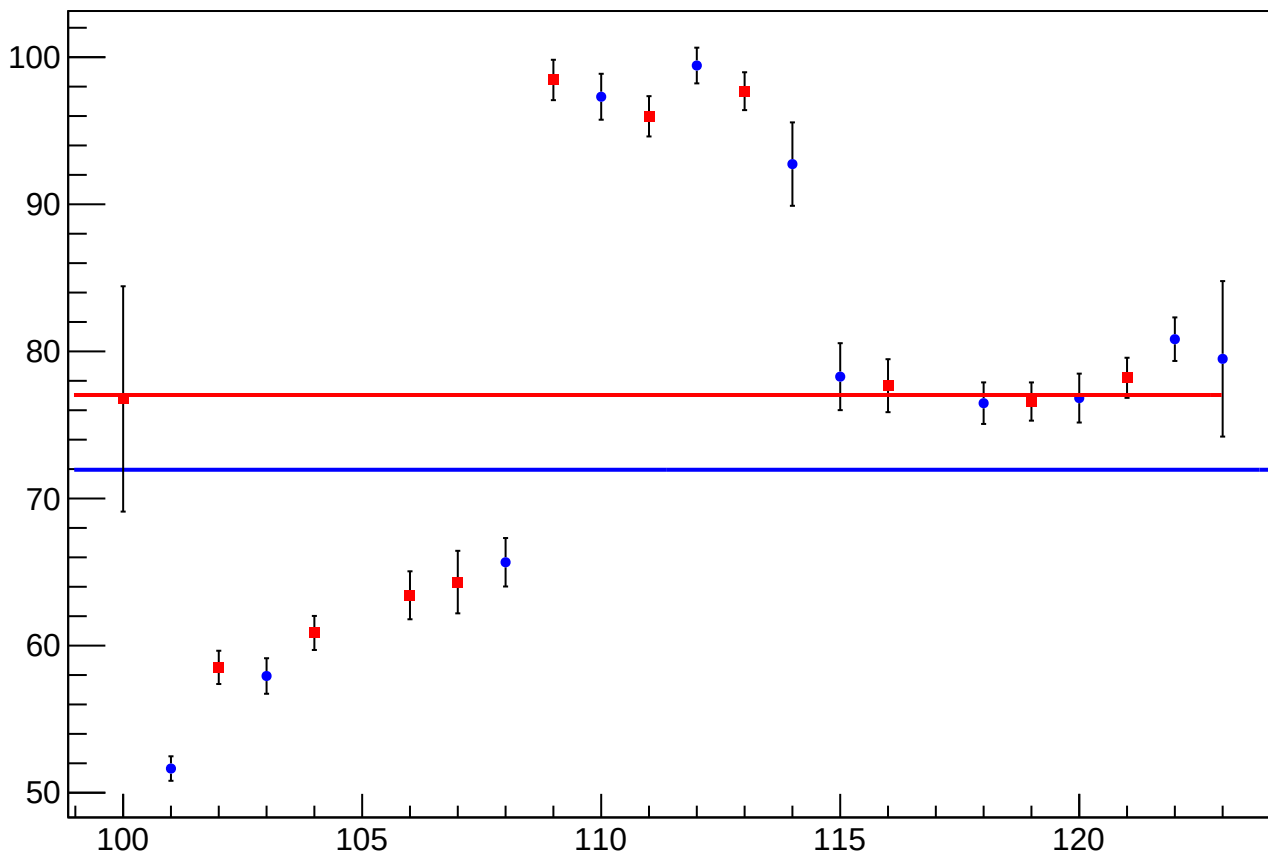
Right: 4.847+/-0.289 χ^2/NDF : 307.0/21

In: 3.967+/-0.403 χ^2/NDF : 191.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.847+/-0.289 χ^2/NDF : 307.0/21

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.954+/-0.436 χ^2/NDF : 1639.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.037+/-0.436 χ^2/NDF : 1262.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

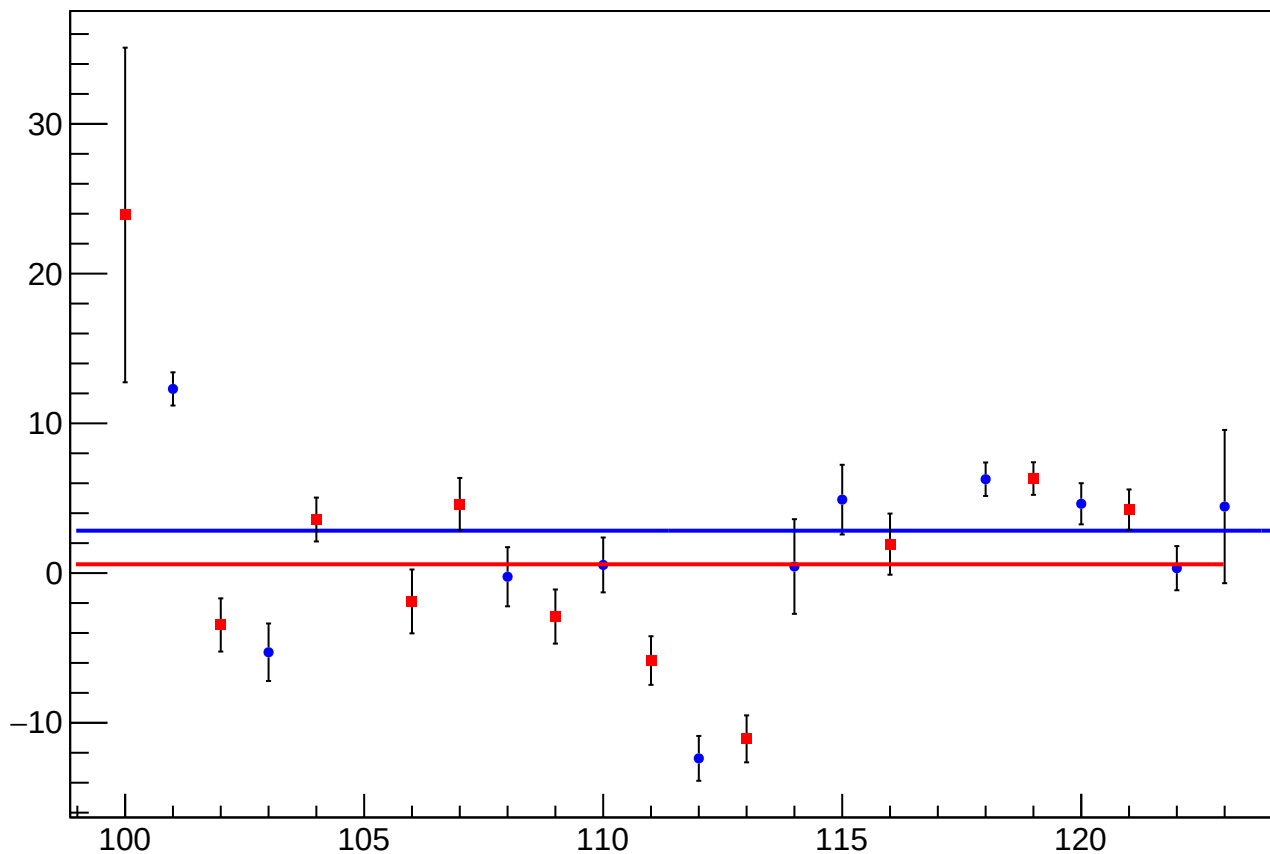
Right: 74.494+/-0.308 χ^2/NDF : 2969.4/21

In: 71.954+/-0.436 χ^2/NDF : 1639.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.494+/-0.308 χ^2/NDF : 2969.4/21

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.832 $\pm$ 0.488 χ^2 /NDF: 213.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.587 $\pm$ 0.496 χ^2 /NDF: 130.5/10

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

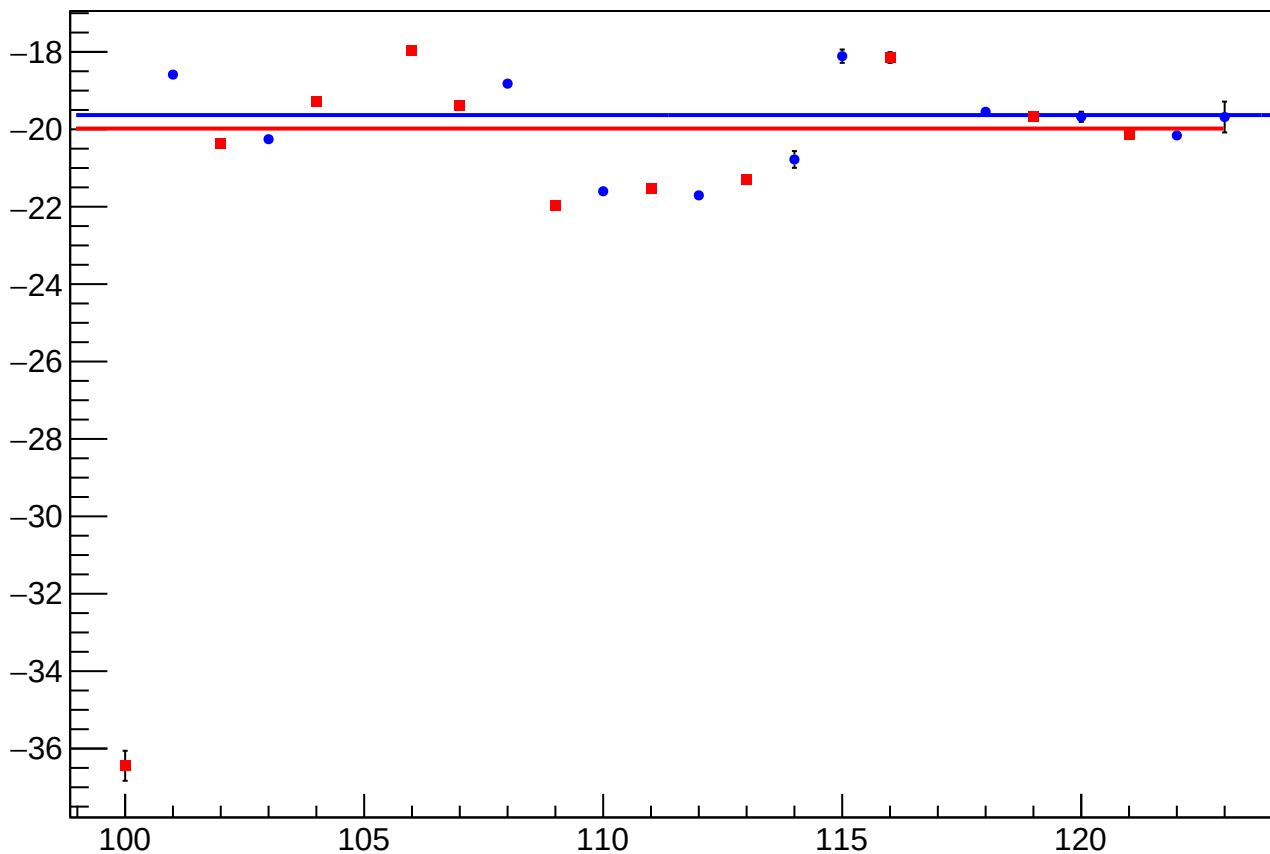
Right: 1.727 $\pm$ 0.348 χ^2 /NDF: 354.2/21

In: 2.832 $\pm$ 0.488 χ^2 /NDF:213.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.727 $\pm$ 0.348 χ^2 /NDF: 354.2/21

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.632 $\pm$ 0.026 χ^2 /NDF: 1577.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.980 $\pm$ 0.025 χ^2 /NDF: 3772.3/10

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

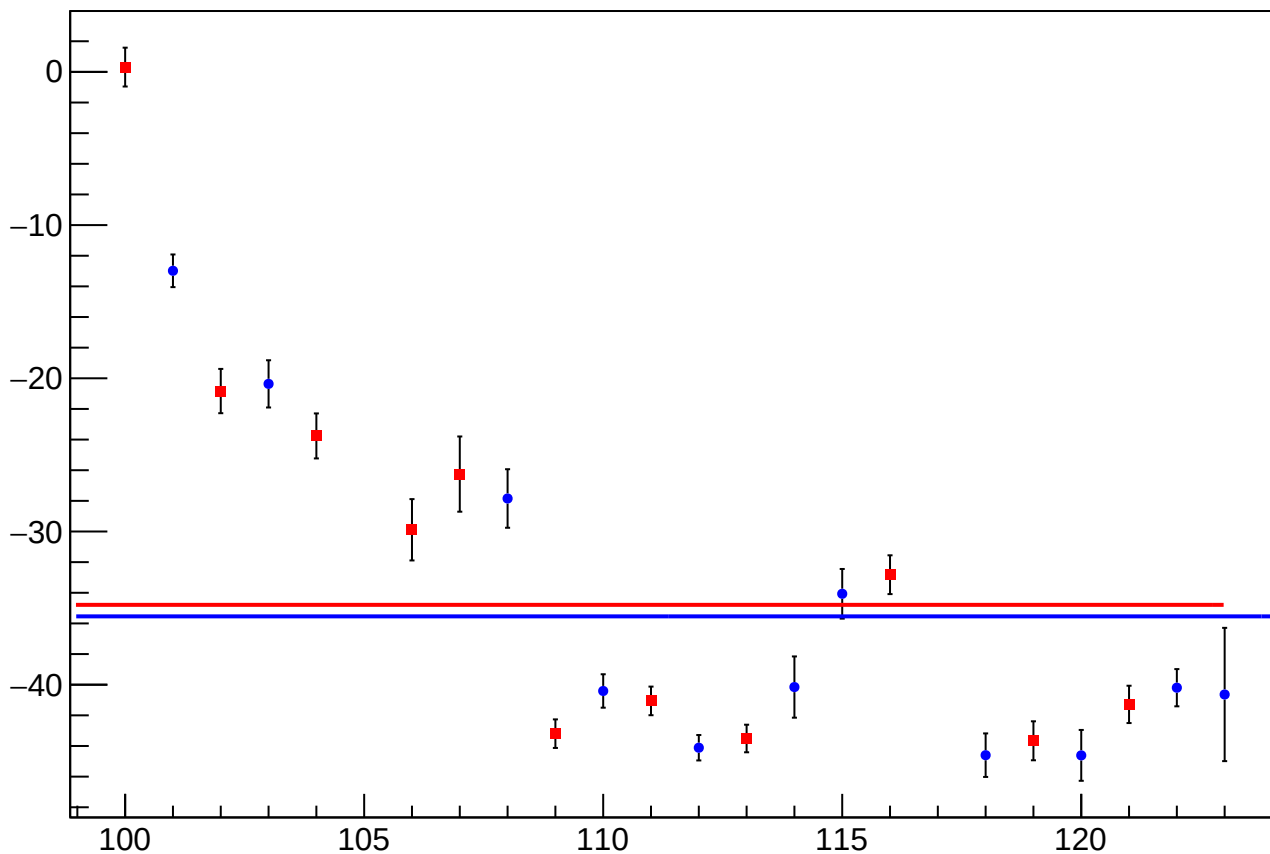
Right: -19.812 $\pm$ 0.018 χ^2 /NDF: 5441.9/21

In: -19.632 $\pm$ 0.026 χ^2 /NDF:1577.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.812 $\pm$ 0.018 χ^2 /NDF: 5441.9/21

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.539+/-0.405 χ^2/NDF : 780.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.788+/-0.367 χ^2/NDF : 1234.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

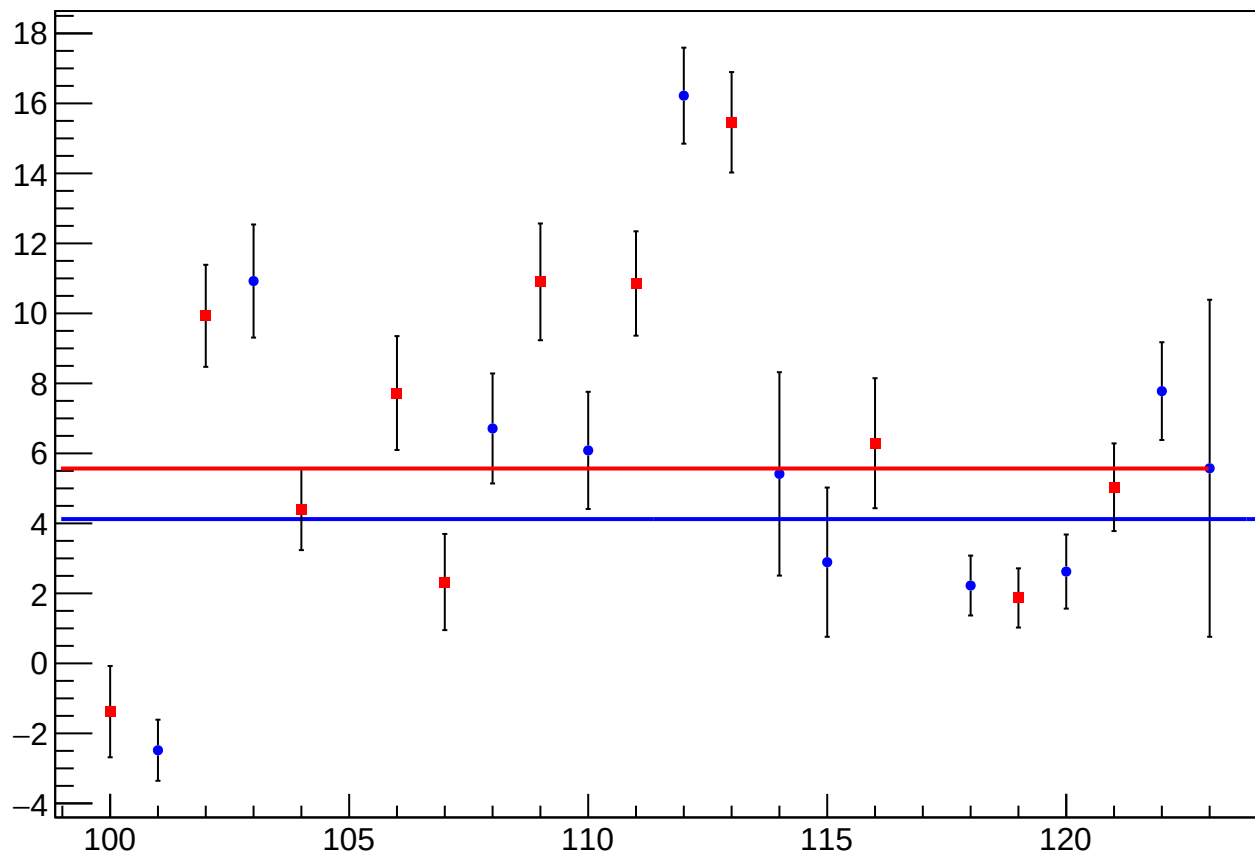
Right: -35.126+/-0.272 χ^2/NDF : 2016.6/21

In: -35.539+/-0.405 χ^2/NDF : 780.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.126+/-0.272 χ^2/NDF : 2016.6/21

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.123+/-0.404 χ^2/NDF : 171.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.568+/-0.398 χ^2/NDF : 135.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

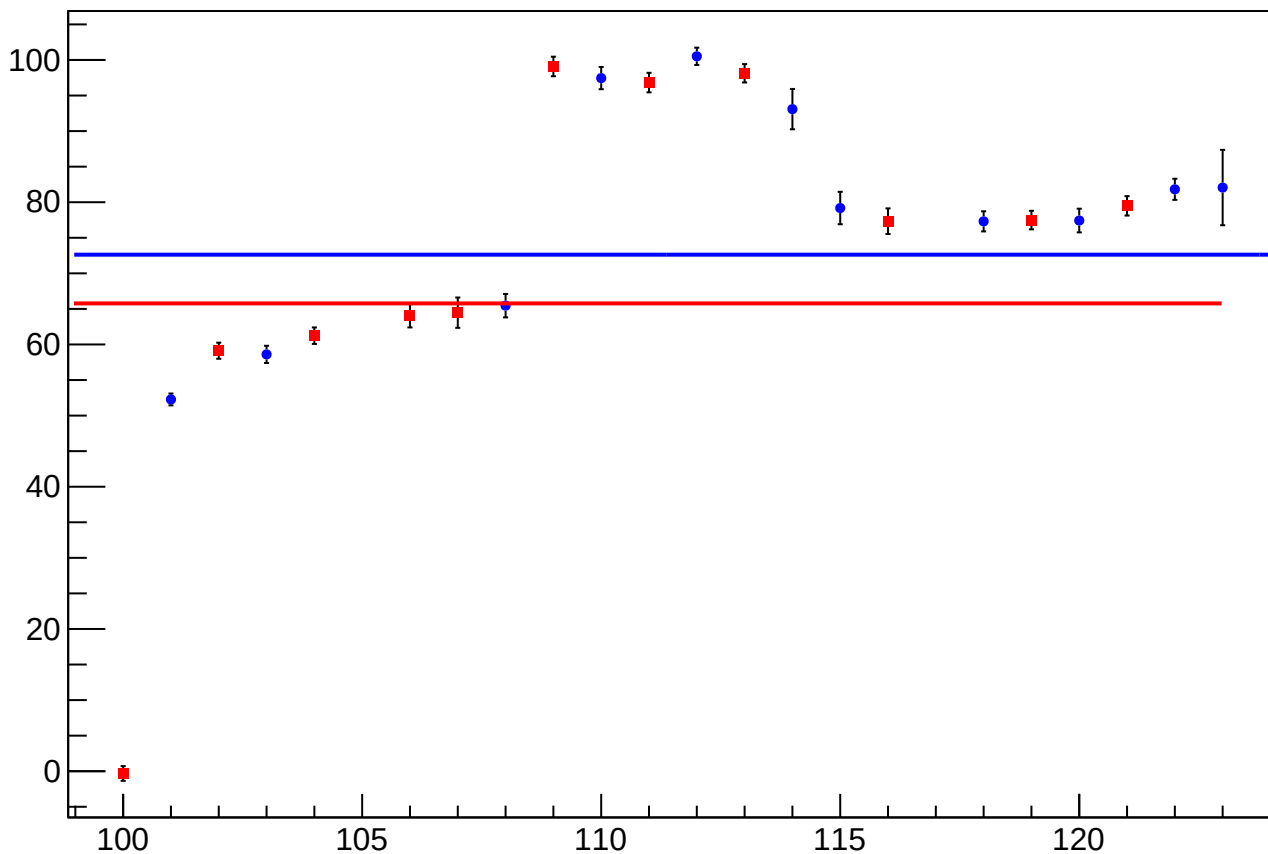
Right: 4.856+/-0.283 χ^2/NDF : 313.2/21

In: 4.123+/-0.404 χ^2/NDF : 171.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.856+/-0.283 χ^2/NDF : 313.2/21

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.625+/-0.437 χ^2/NDF : 1649.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.772+/-0.403 χ^2/NDF : 6095.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

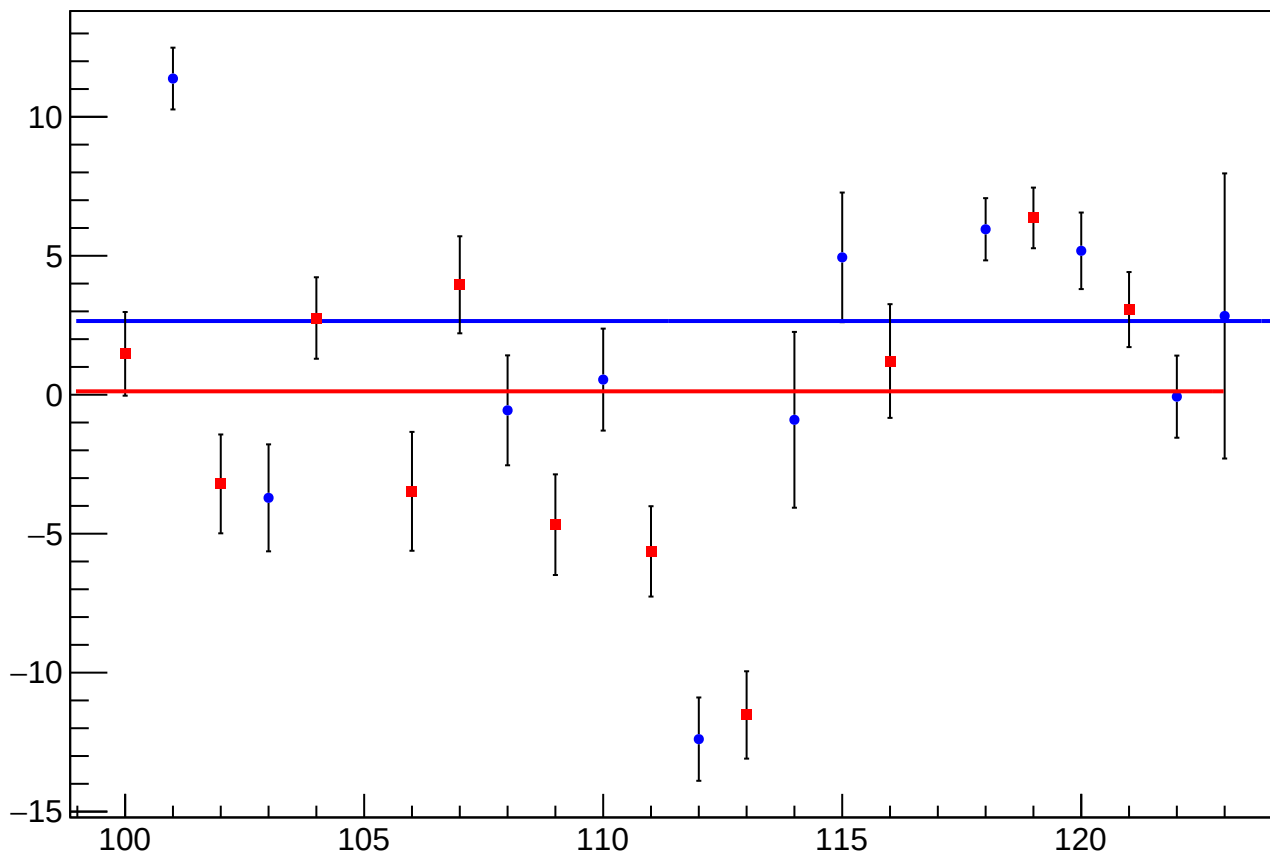
Right: 68.924+/-0.296 χ^2/NDF : 7877.5/21

In: 72.625+/-0.437 χ^2/NDF : 1649.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.924+/-0.296 χ^2/NDF : 7877.5/21

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.652 $\pm$ 0.489 χ^2 /NDF: 194.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.123 $\pm$ 0.472 χ^2 /NDF: 127.4/10

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

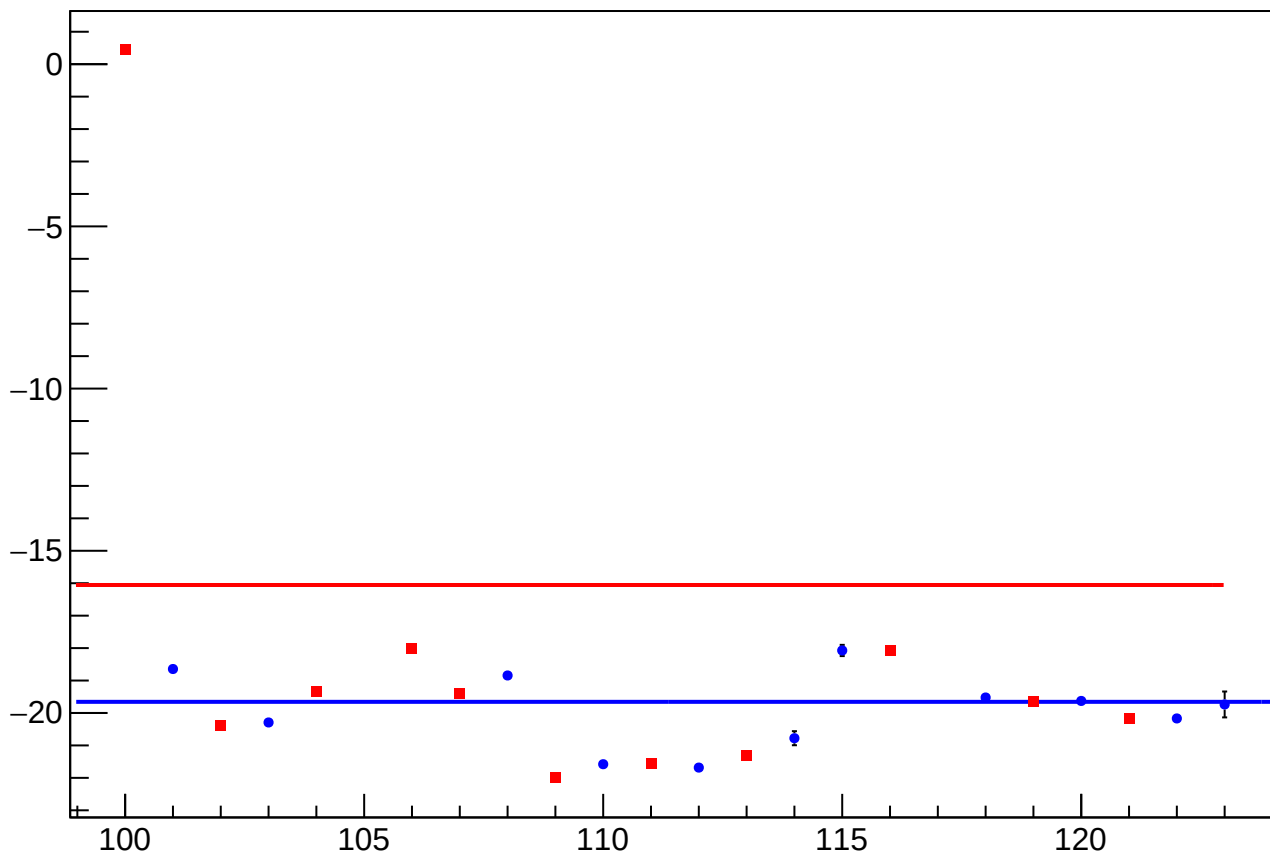
Right: 1.343 $\pm$ 0.340 χ^2 /NDF: 336.2/21

In: 2.652 $\pm$ 0.489 χ^2 /NDF:194.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.343 $\pm$ 0.340 χ^2 /NDF: 336.2/21

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.656+/-0.026 χ^2/NDF : 1523.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.055+/-0.023 χ^2/NDF : 124918.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

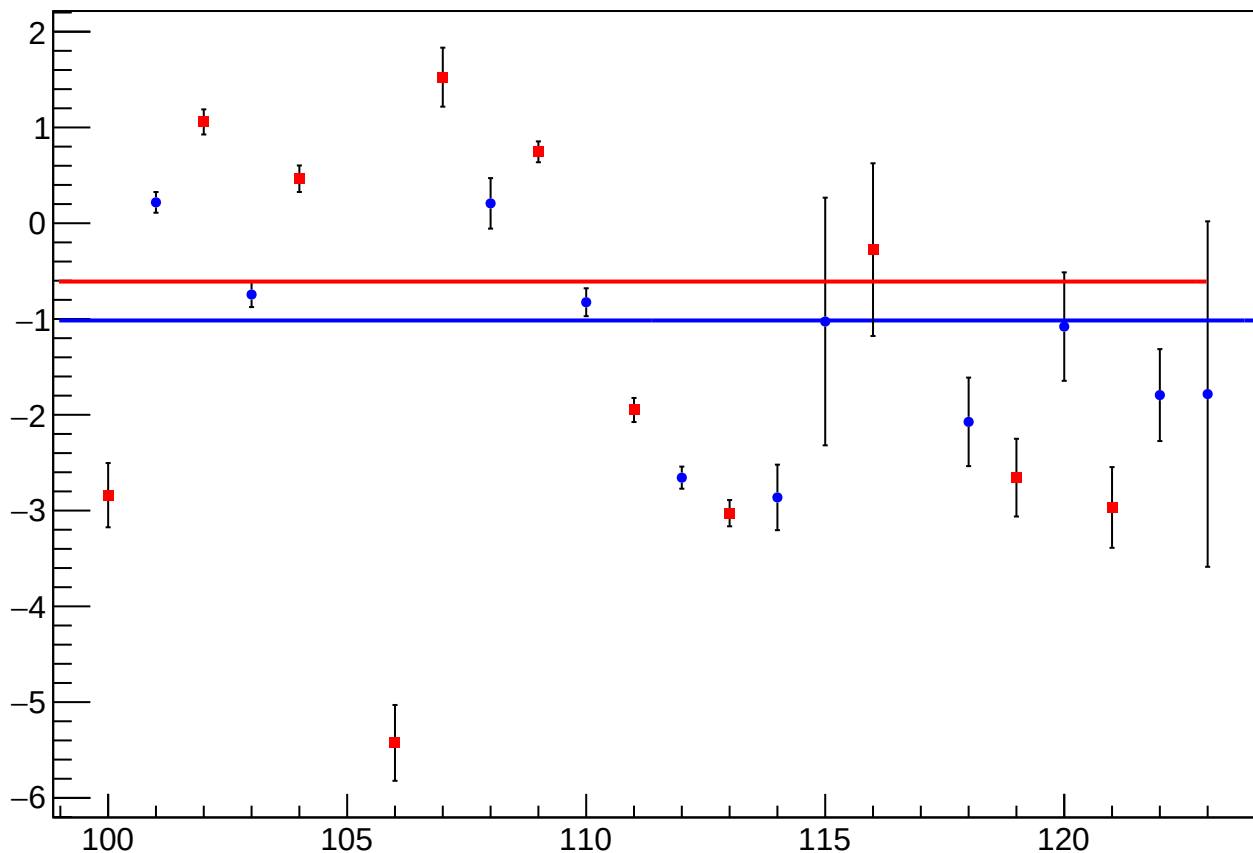
Right: -17.614+/-0.017 χ^2/NDF : 137218.5/21

In: -19.656+/-0.026 χ^2/NDF : 1523.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.614+/-0.017 χ^2/NDF : 137218.5/21

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.015+/-0.058 χ^2/NDF : 396.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.609+/-0.053 χ^2/NDF : 1098.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

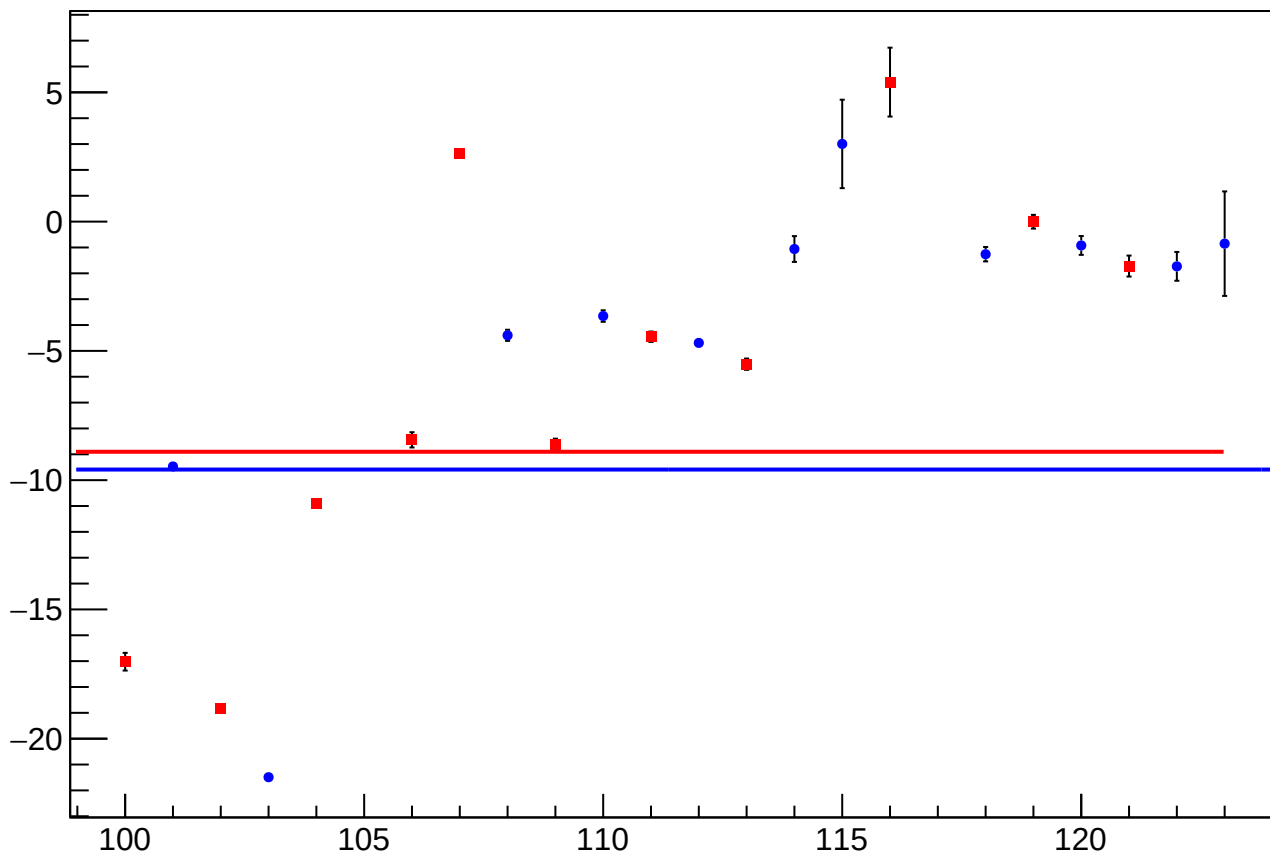
Right: -0.797+/-0.039 χ^2/NDF : 1522.4/21

In: -1.015+/-0.058 χ^2/NDF : 396.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.797+/-0.039 χ^2/NDF : 1522.4/21

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.590 ± 0.060 χ^2/NDF : 11325.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.902 ± 0.061 χ^2/NDF : 12781.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

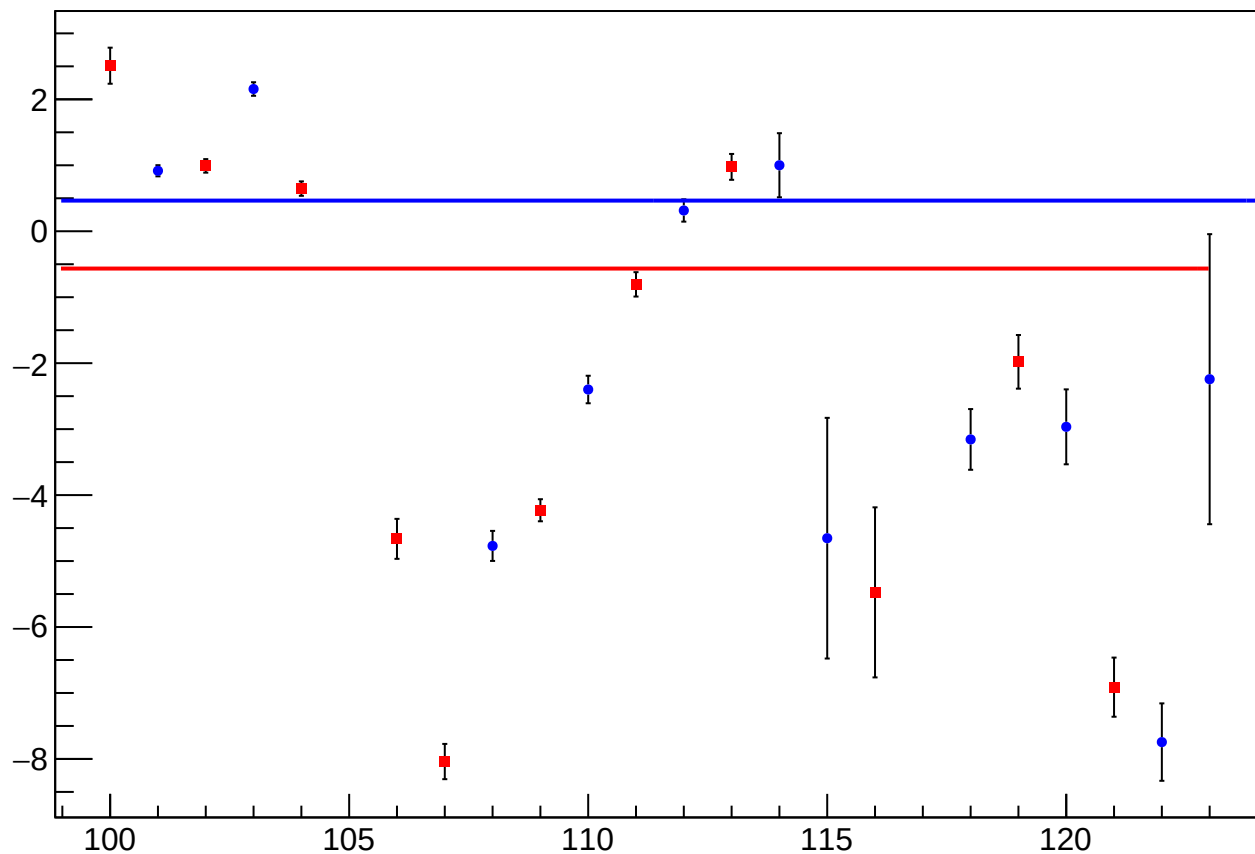
Right: -9.253 ± 0.043 χ^2/NDF : 24171.1/21

In: -9.590 ± 0.060 χ^2/NDF : 11325.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.253 ± 0.043 χ^2/NDF : 24171.1/21

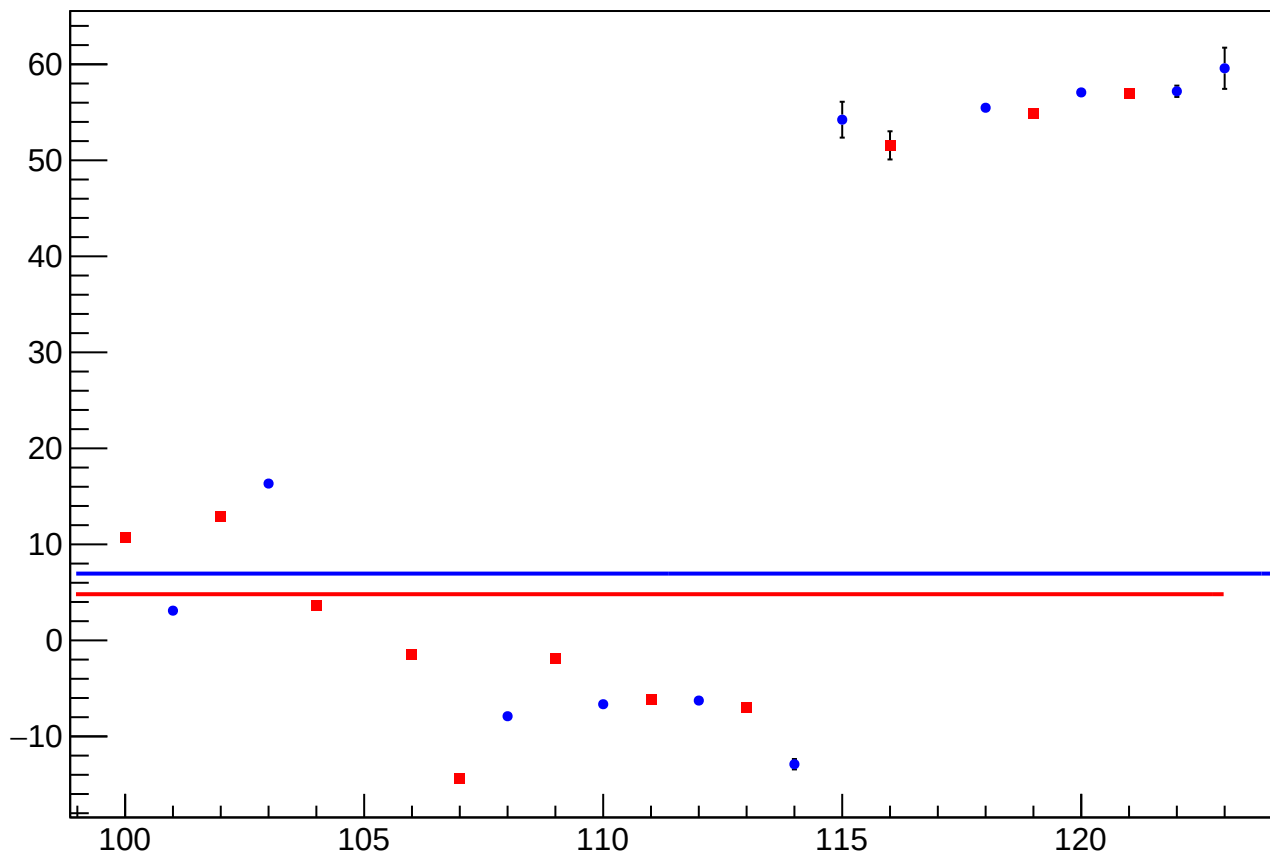
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.465+/-0.055 χ^2/NDF : 1321.9/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.566+/-0.056 χ^2/NDF : 2214.3/10
 Left 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+/-0.039 χ^2/NDF : 3707.8/21
 In: 0.465+/-0.055 χ^2/NDF : 1321.9/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.044+/-0.039 χ^2/NDF : 3707.8/21

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.956+/-0.073 χ^2/NDF : 53423.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.810+/-0.073 χ^2/NDF : 52035.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

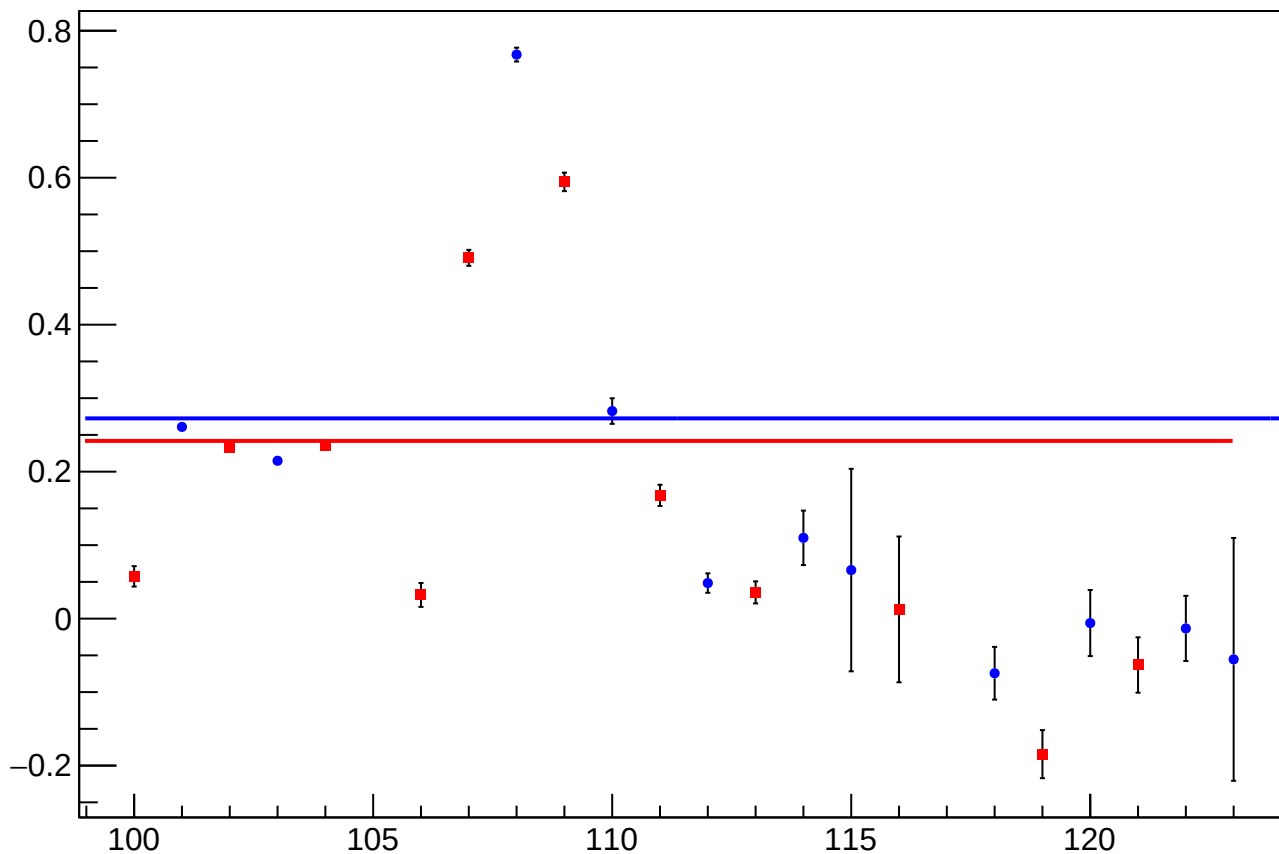
Right: 5.888+/-0.052 χ^2/NDF : 105891.1/21

In: 6.956+/-0.073 χ^2/NDF : 53423.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.888+/-0.052 χ^2/NDF : 105891.1/21

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.272+/-0.003 χ^2/NDF : 3430.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.242+/-0.003 χ^2/NDF : 2115.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

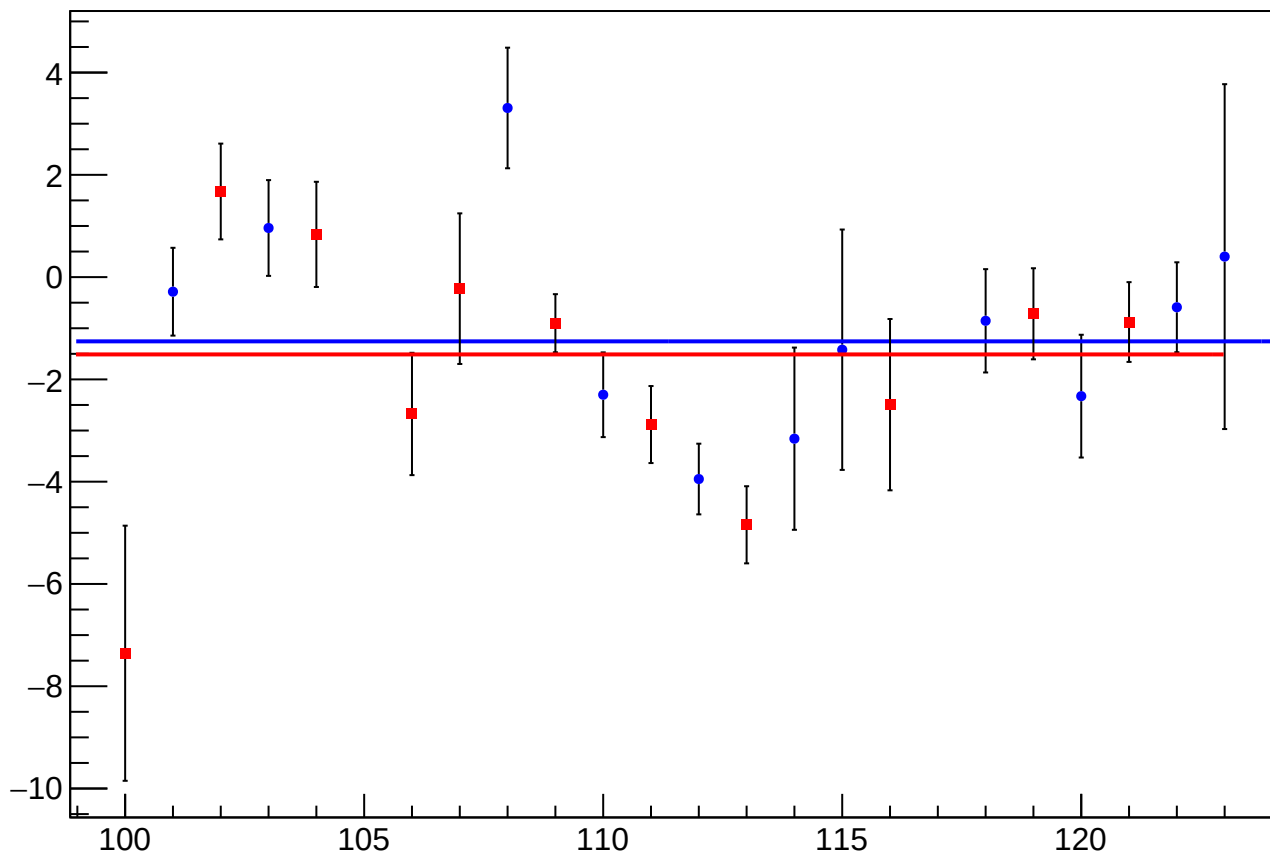
Right: 0.257+/-0.002 χ^2/NDF : 5602.4/21

In: 0.272+/-0.003 χ^2/NDF : 3430.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.257+/-0.002 χ^2/NDF : 5602.4/21

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.256 ± 0.311 χ^2/NDF : 41.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.512 ± 0.274 χ^2/NDF : 49.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

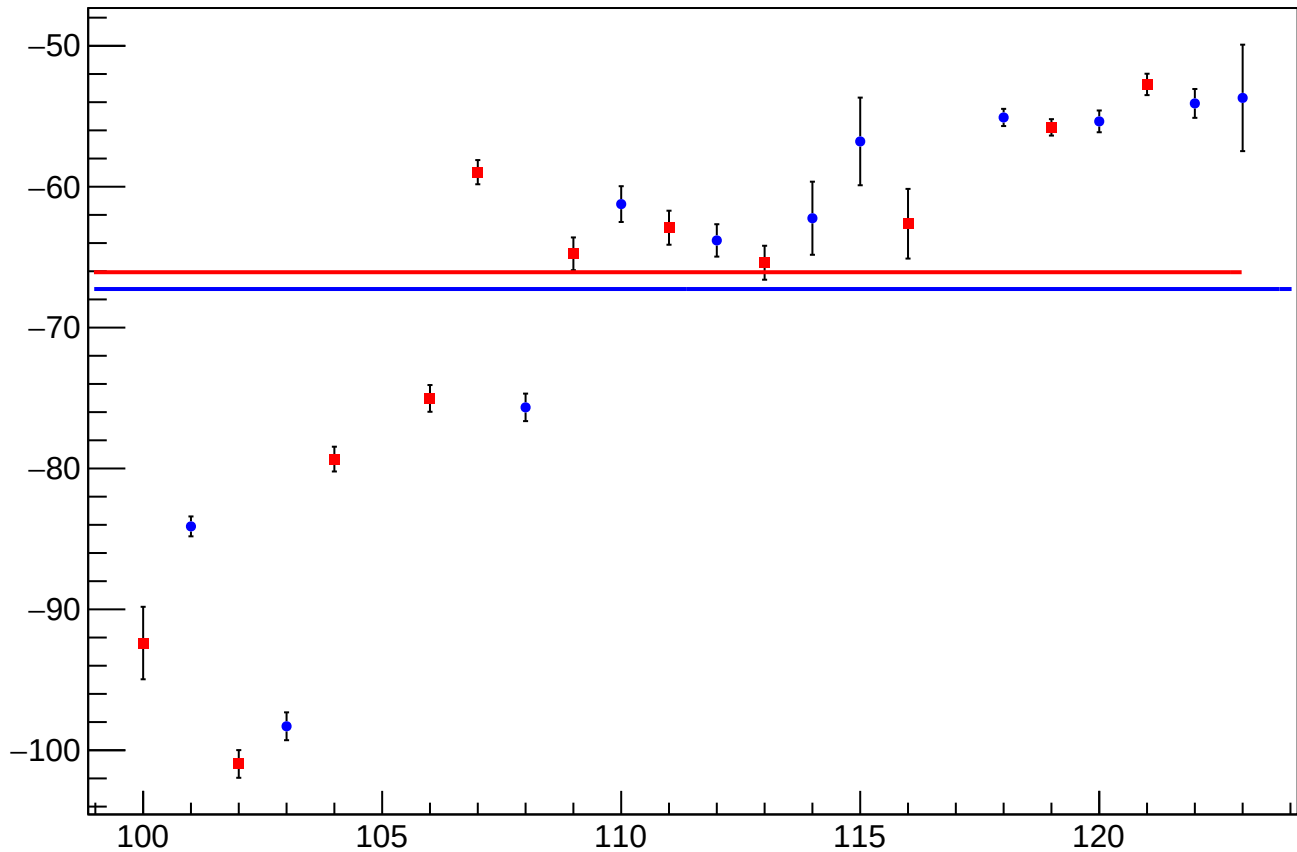
Right: -1.400 ± 0.206 χ^2/NDF : 91.7/21

In: -1.256 ± 0.311 χ^2/NDF : 41.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.400 ± 0.206 χ^2/NDF : 91.7/21

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -67.261+/-0.300 χ^2/NDF : 2489.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -66.069+/-0.290 χ^2/NDF : 2380.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

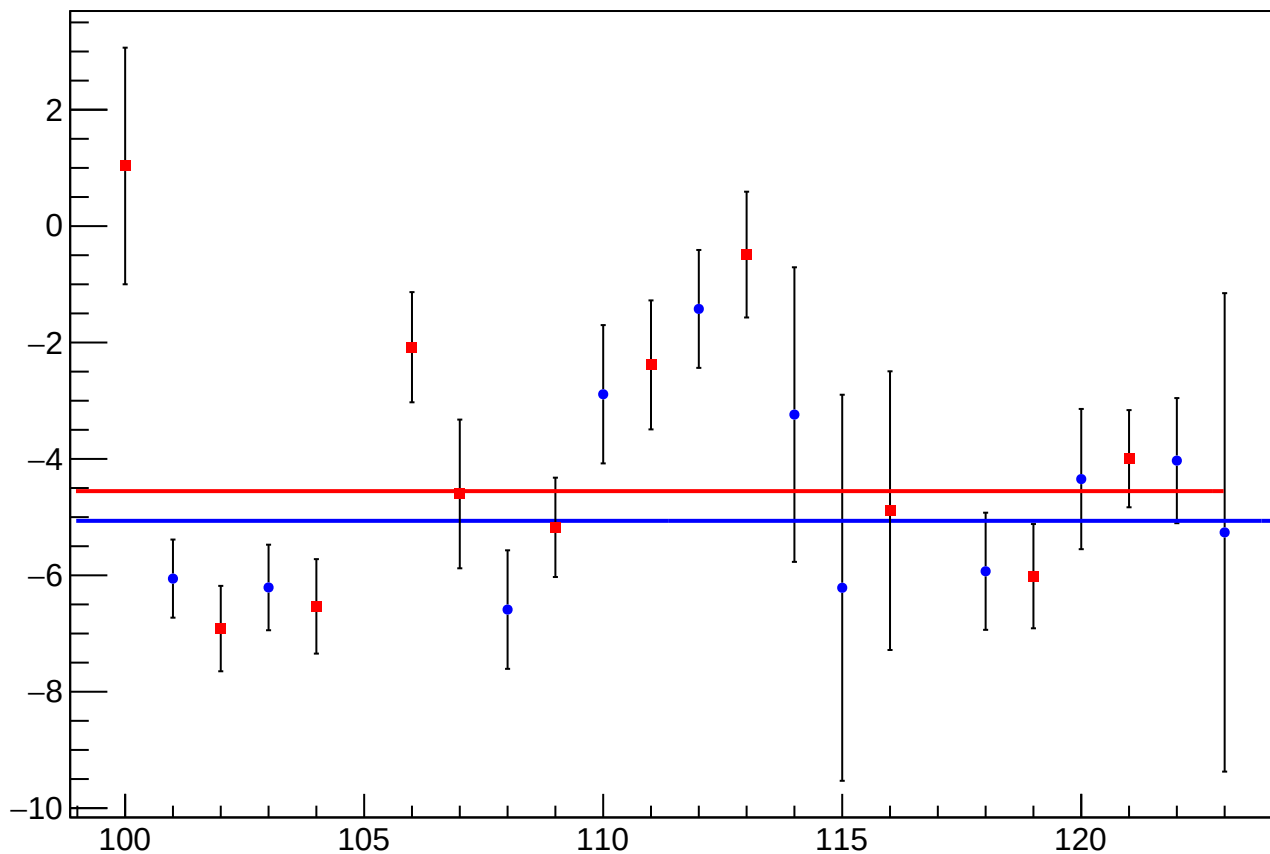
Right: -66.644+/-0.209 χ^2/NDF : 4877.9/21

In: -67.261+/-0.300 χ^2/NDF :2489.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.644+/-0.209 χ^2/NDF : 4877.9/21

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.064 ± 0.323 $\chi^2/\text{NDF}: 25.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.553 ± 0.298 $\chi^2/\text{NDF}: 52.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

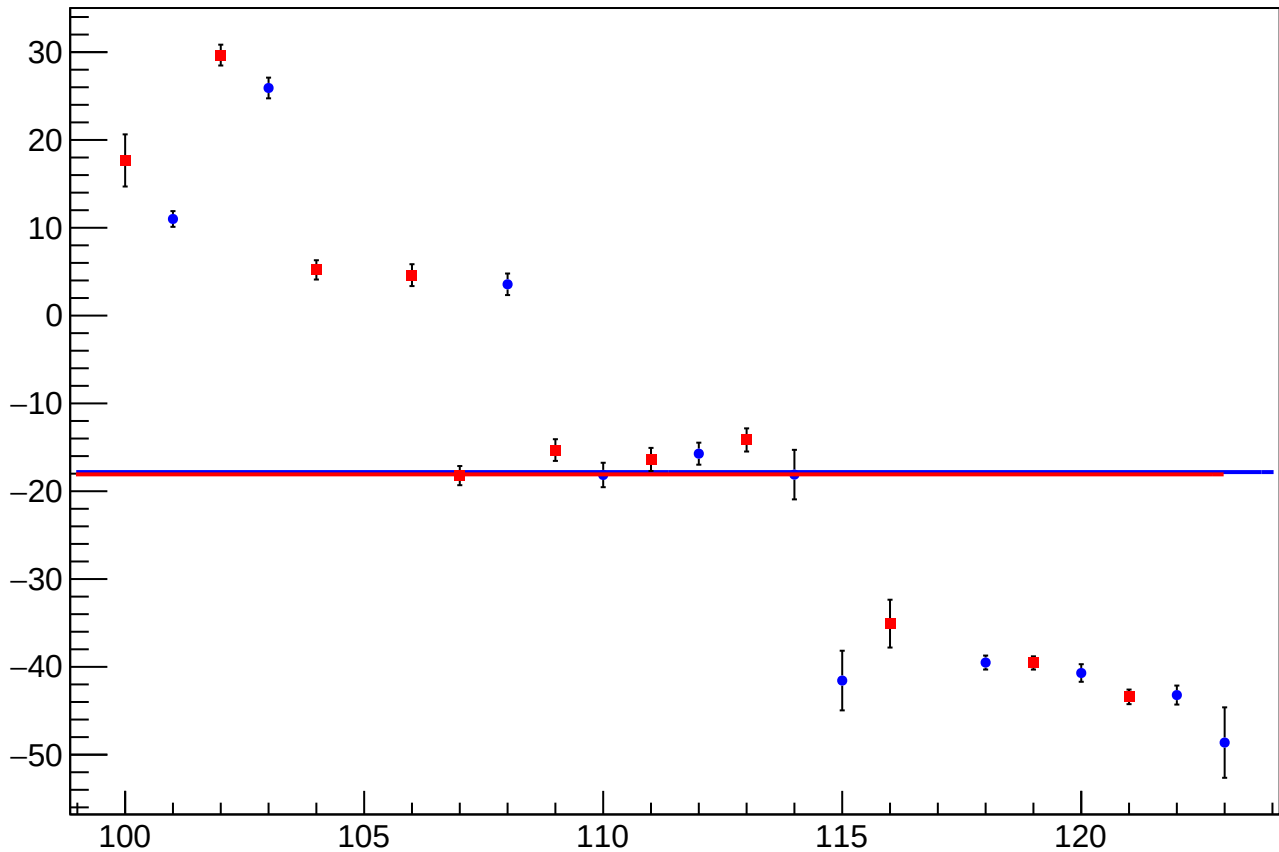
Right: -4.788 ± 0.219 $\chi^2/\text{NDF}: 79.5/21$

In: -5.064 ± 0.323 $\chi^2/\text{NDF}: 25.8/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.788 ± 0.219 $\chi^2/\text{NDF}: 79.5/21$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.821+/-0.365 χ^2/NDF : 4643.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.079+/-0.347 χ^2/NDF : 4343.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

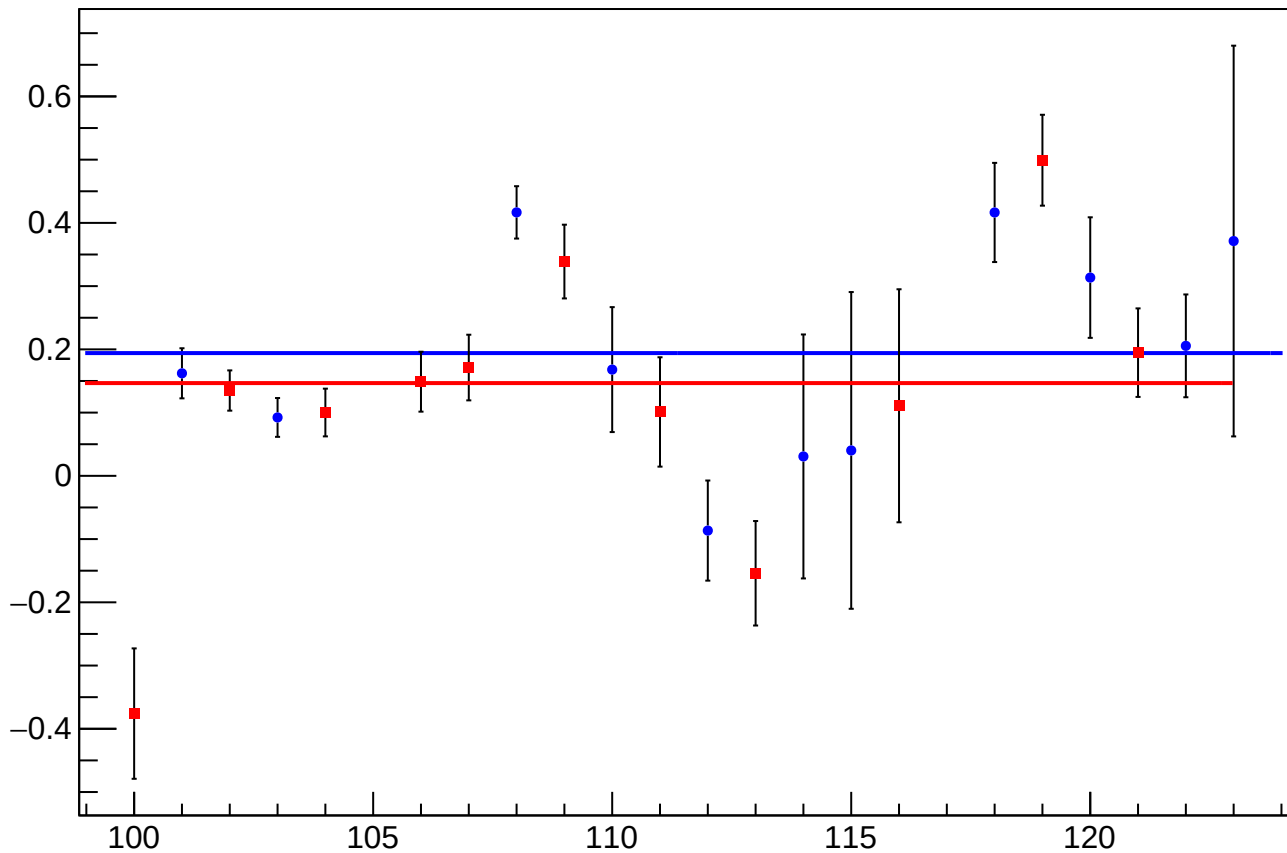
Right: -17.957+/-0.252 χ^2/NDF : 8987.7/21

In: -17.821+/-0.365 χ^2/NDF : 4643.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.957+/-0.252 χ^2/NDF : 8987.7/21

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.194+/-0.018 χ^2/NDF : 64.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.147+/-0.017 χ^2/NDF : 76.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

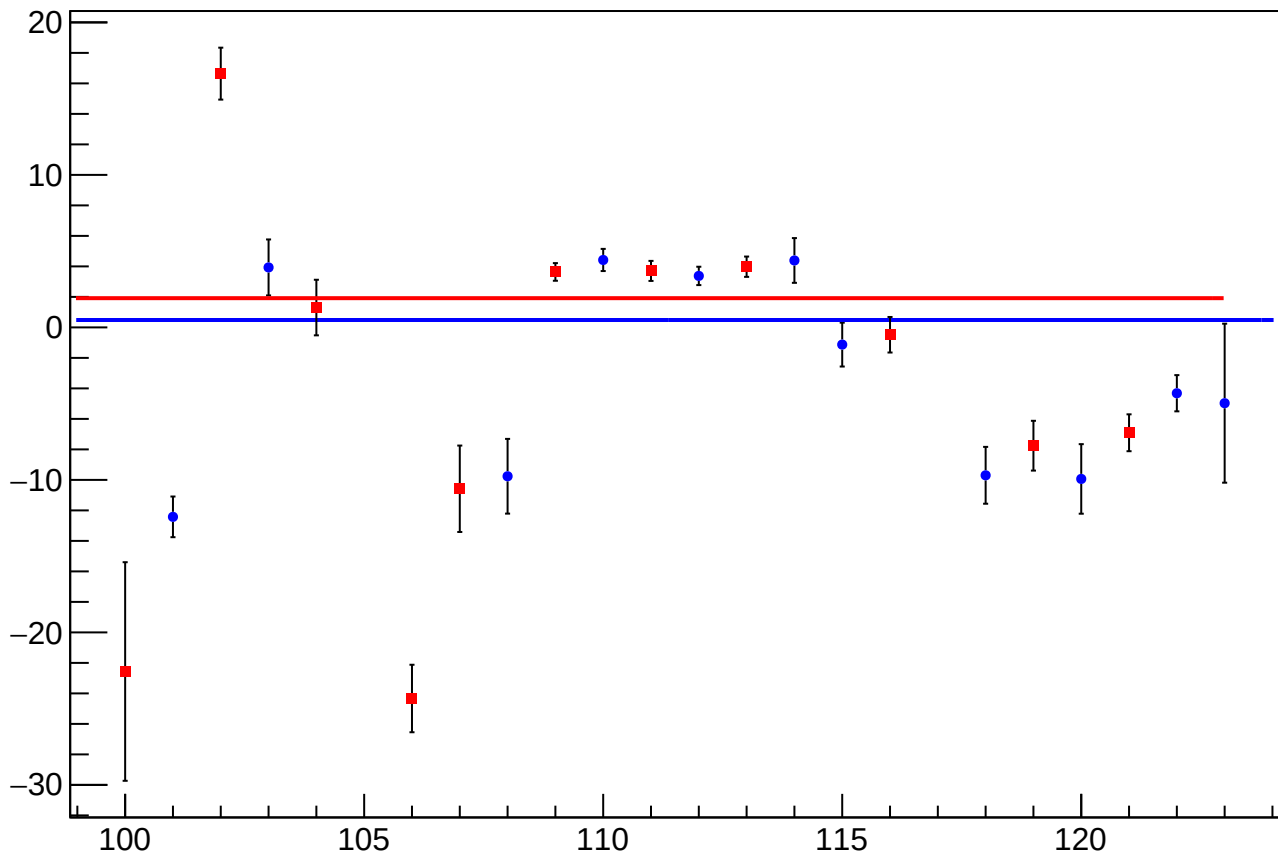
Right: 0.168+/-0.012 χ^2/NDF : 144.4/21

In: 0.194+/-0.018 χ^2/NDF : 64.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.168+/-0.012 χ^2/NDF : 144.4/21

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.485+/-0.357 χ^2/NDF : 243.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.916+/-0.311 χ^2/NDF : 365.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

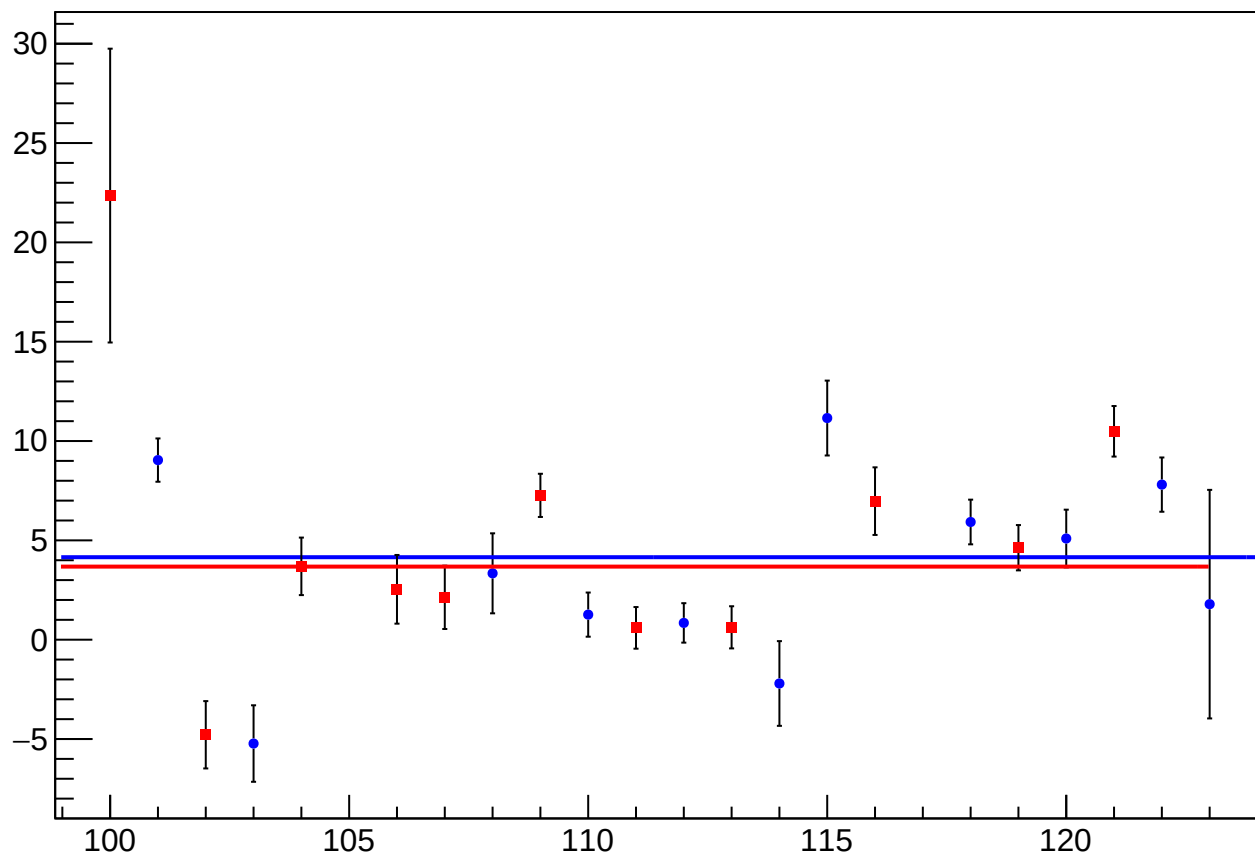
Right: 1.298+/-0.234 χ^2/NDF : 618.1/21

In: 0.485+/-0.357 χ^2/NDF : 243.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.298+/-0.234 χ^2/NDF : 618.1/21

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.153+/-0.426 χ^2/NDF : 94.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.679+/-0.410 χ^2/NDF : 93.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

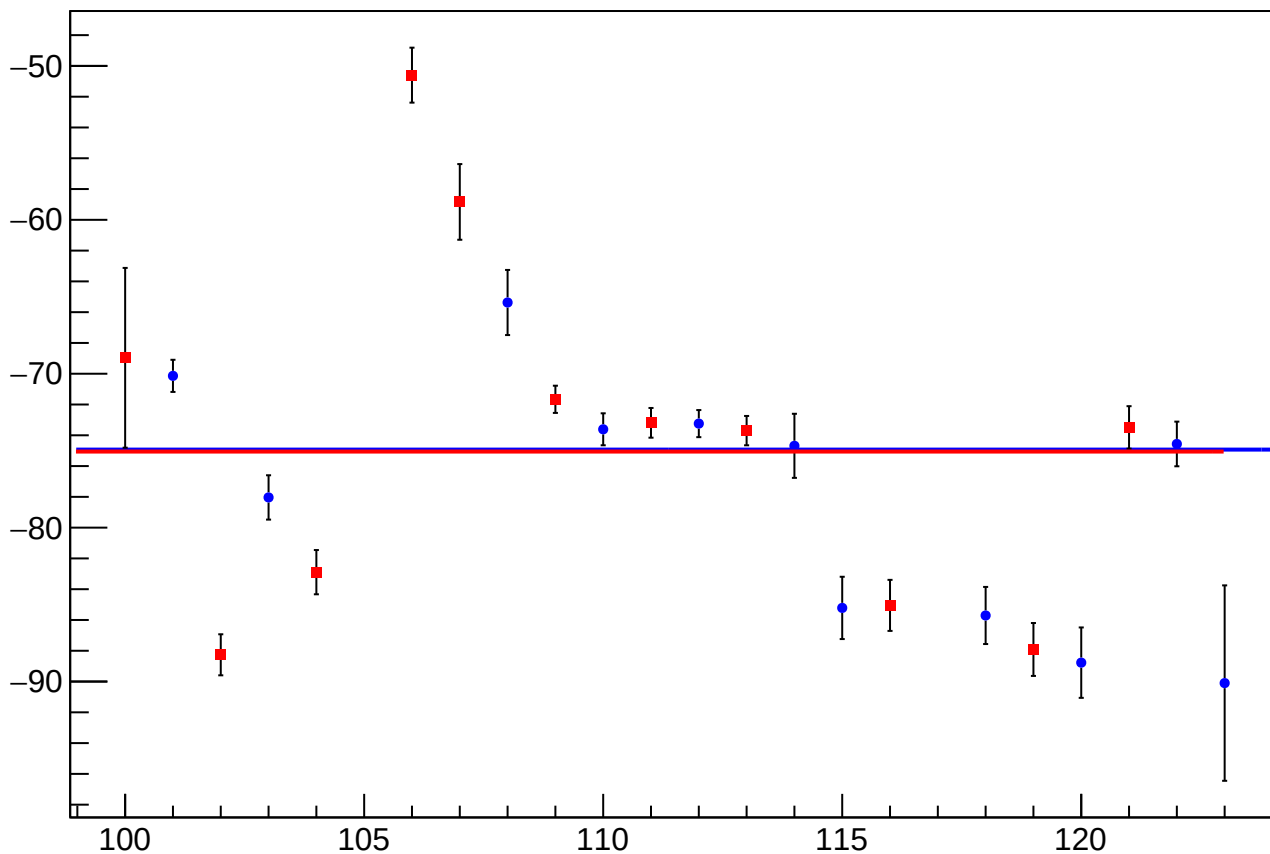
Right: 3.907+/-0.295 χ^2/NDF : 189.1/21

In: 4.153+/-0.426 χ^2/NDF : 94.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.907+/-0.295 χ^2/NDF : 189.1/21

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.929+/-0.435 χ^2/NDF : 153.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.057+/-0.400 χ^2/NDF : 474.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

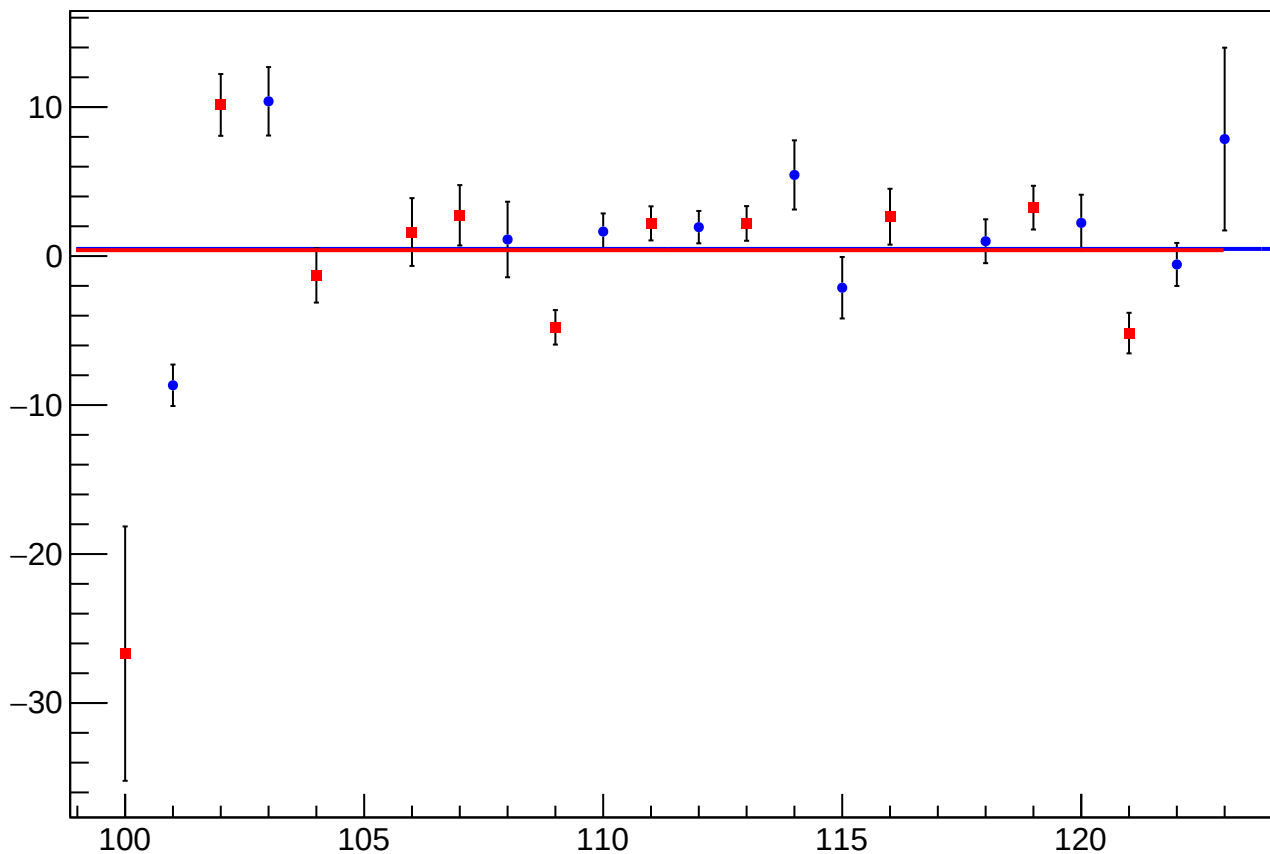
Right: -74.998+/-0.294 χ^2/NDF : 627.5/21

In: -74.929+/-0.435 χ^2/NDF : 153.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.998+/-0.294 χ^2/NDF : 627.5/21

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.479+/-0.497 χ^2/NDF : 73.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.396+/-0.470 χ^2/NDF : 81.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

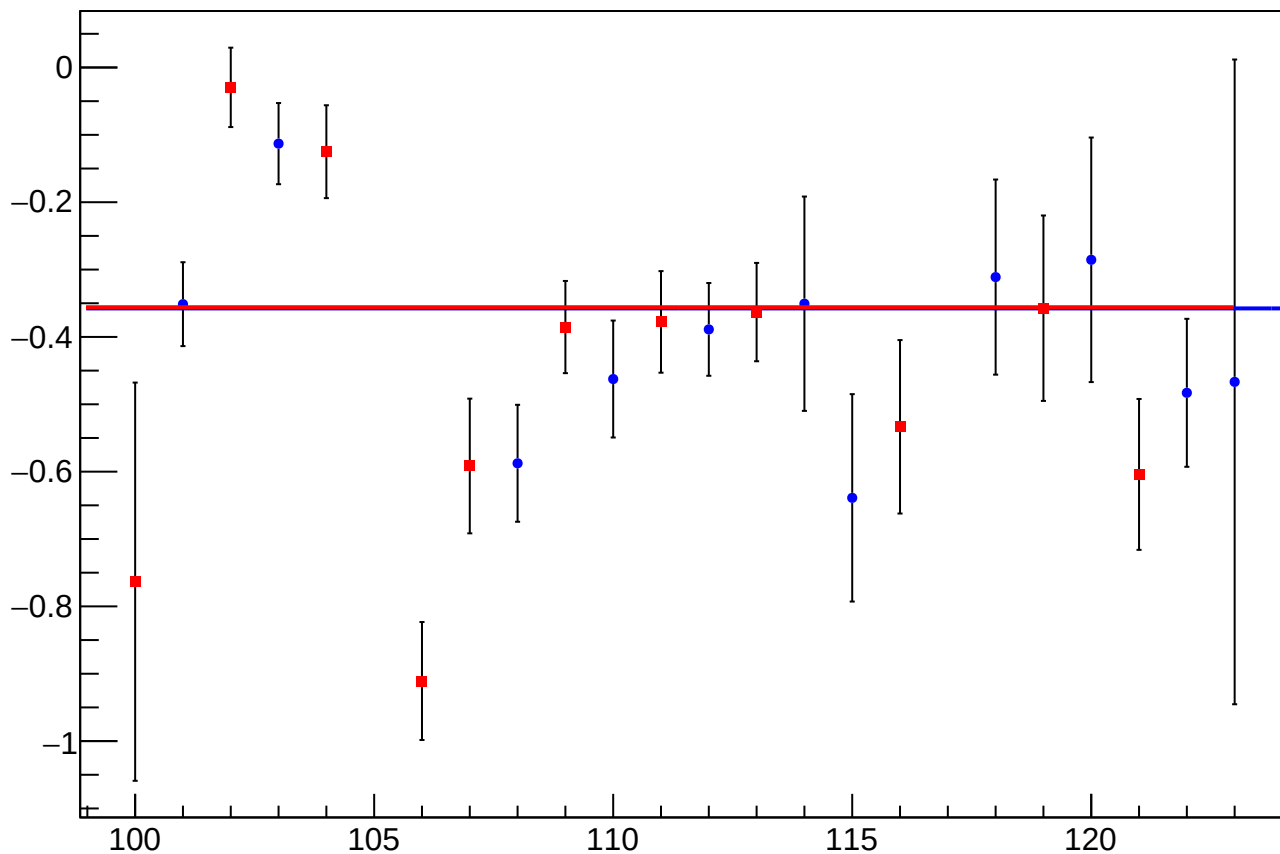
Right: 0.435+/-0.342 χ^2/NDF : 155.2/21

In: 0.479+/-0.497 χ^2/NDF : 73.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.435+/-0.342 χ^2/NDF : 155.2/21

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.358+/-0.028 χ^2/NDF : 30.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.356+/-0.026 χ^2/NDF : 96.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

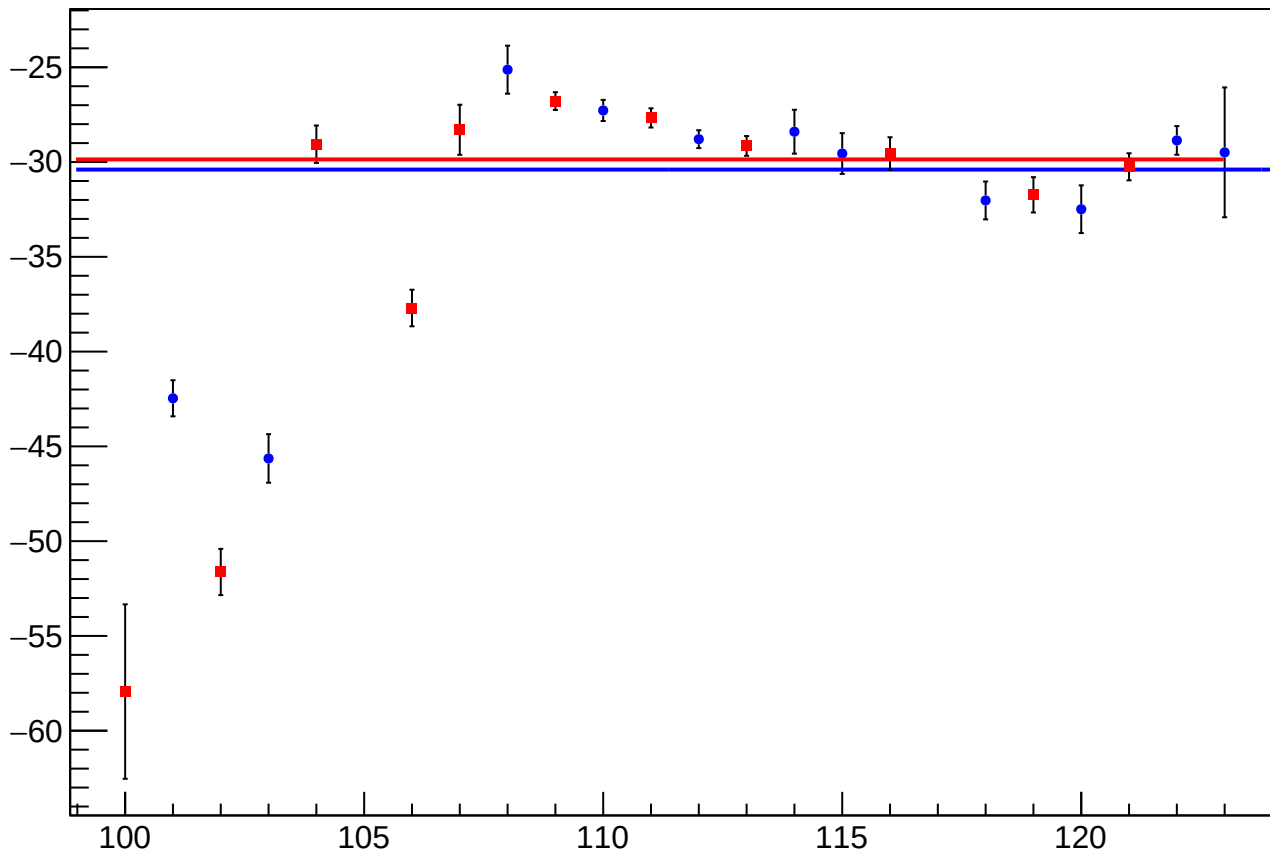
Right: -0.357+/-0.019 χ^2/NDF : 126.7/21

In: -0.358+/-0.028 χ^2/NDF : 30.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.357+/-0.019 χ^2/NDF : 126.7/21

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.398 $\pm$ 0.257 χ^2 /NDF: 375.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.862 $\pm$ 0.224 χ^2 /NDF: 491.6/10

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

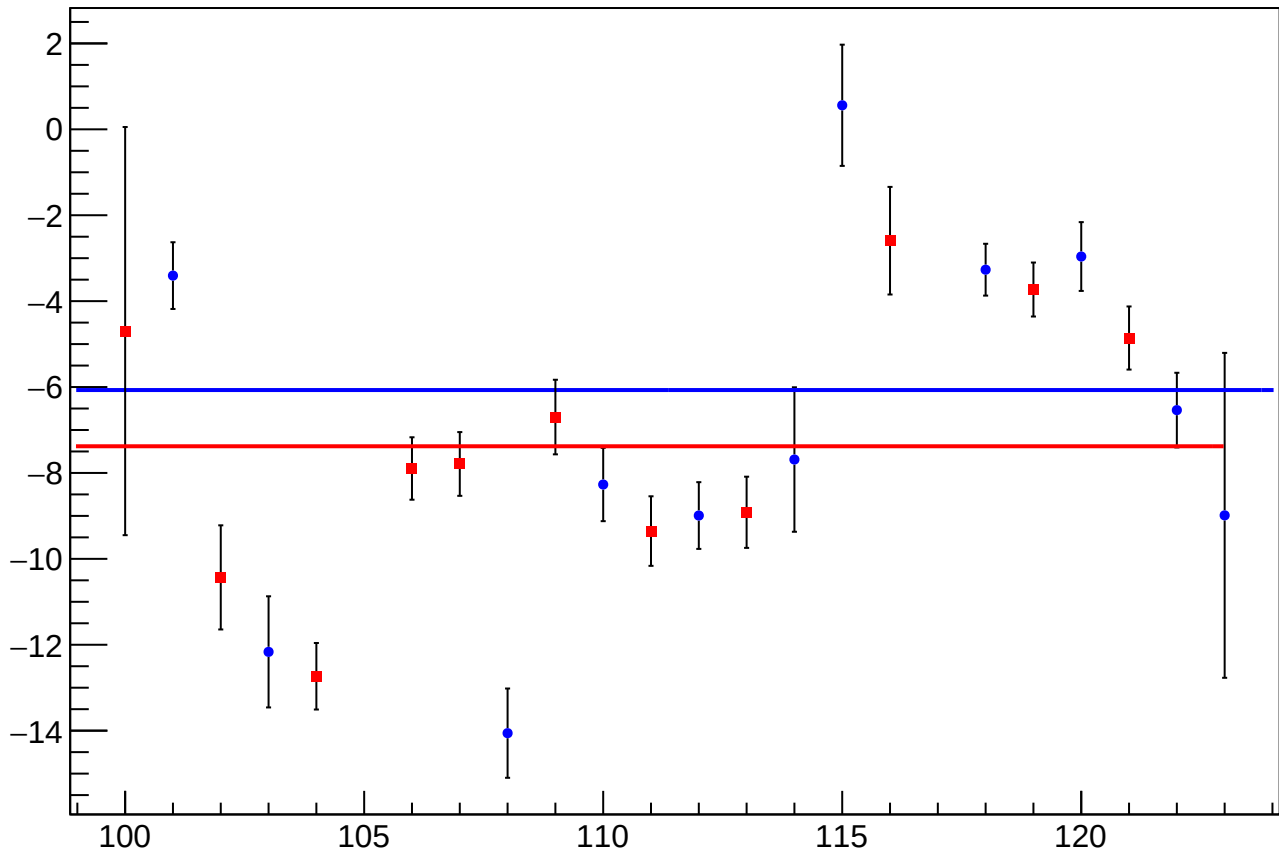
Right: -30.093 $\pm$ 0.169 χ^2 /NDF: 869.6/21

In: -30.398 $\pm$ 0.257 χ^2 /NDF:375.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.093 $\pm$ 0.169 χ^2 /NDF: 869.6/21

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.070 $\pm$ 0.280 χ^2 /NDF: 174.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.379 $\pm$ 0.255 χ^2 /NDF: 125.4/10

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

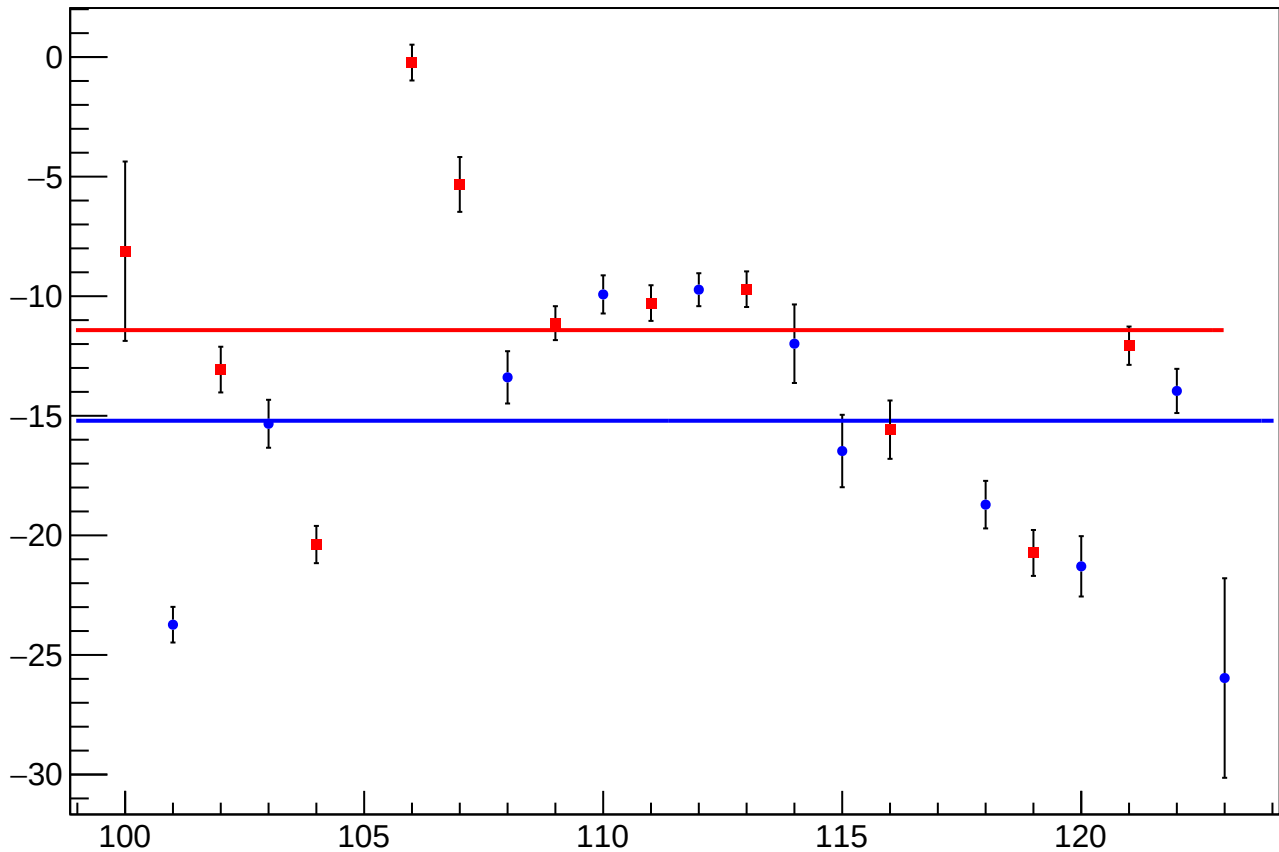
Right: -6.786 $\pm$ 0.188 χ^2 /NDF: 311.7/21

In: -6.070 $\pm$ 0.280 χ^2 /NDF:174.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.786 $\pm$ 0.188 χ^2 /NDF: 311.7/21

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.207 $\pm$ 0.302 χ^2 /NDF: 289.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.418 $\pm$ 0.265 χ^2 /NDF: 501.9/10

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

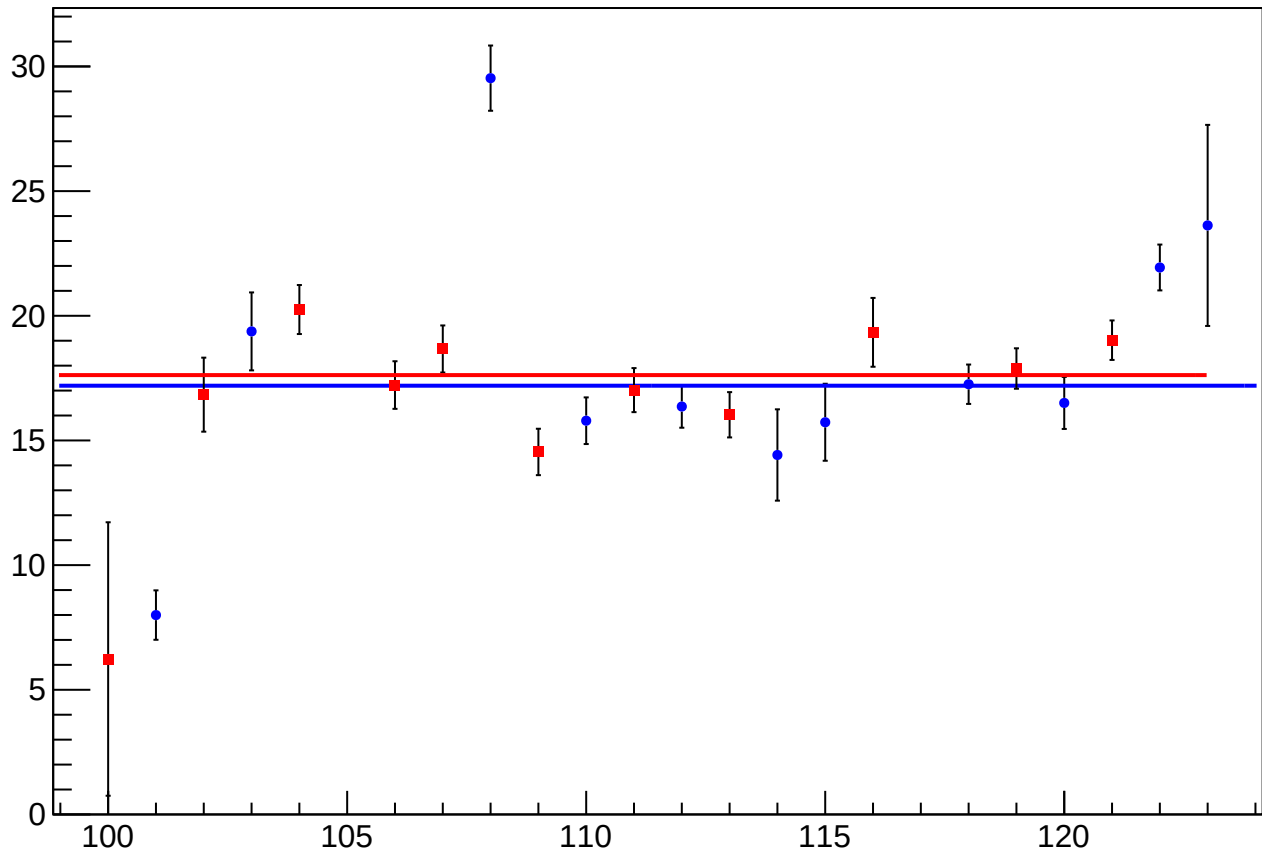
Right: -13.067 $\pm$ 0.199 χ^2 /NDF: 880.6/21

In: -15.207 $\pm$ 0.302 χ^2 /NDF:289.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.067 $\pm$ 0.199 χ^2 /NDF: 880.6/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.196+/-0.333 χ^2/NDF : 213.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.621+/-0.301 χ^2/NDF : 32.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

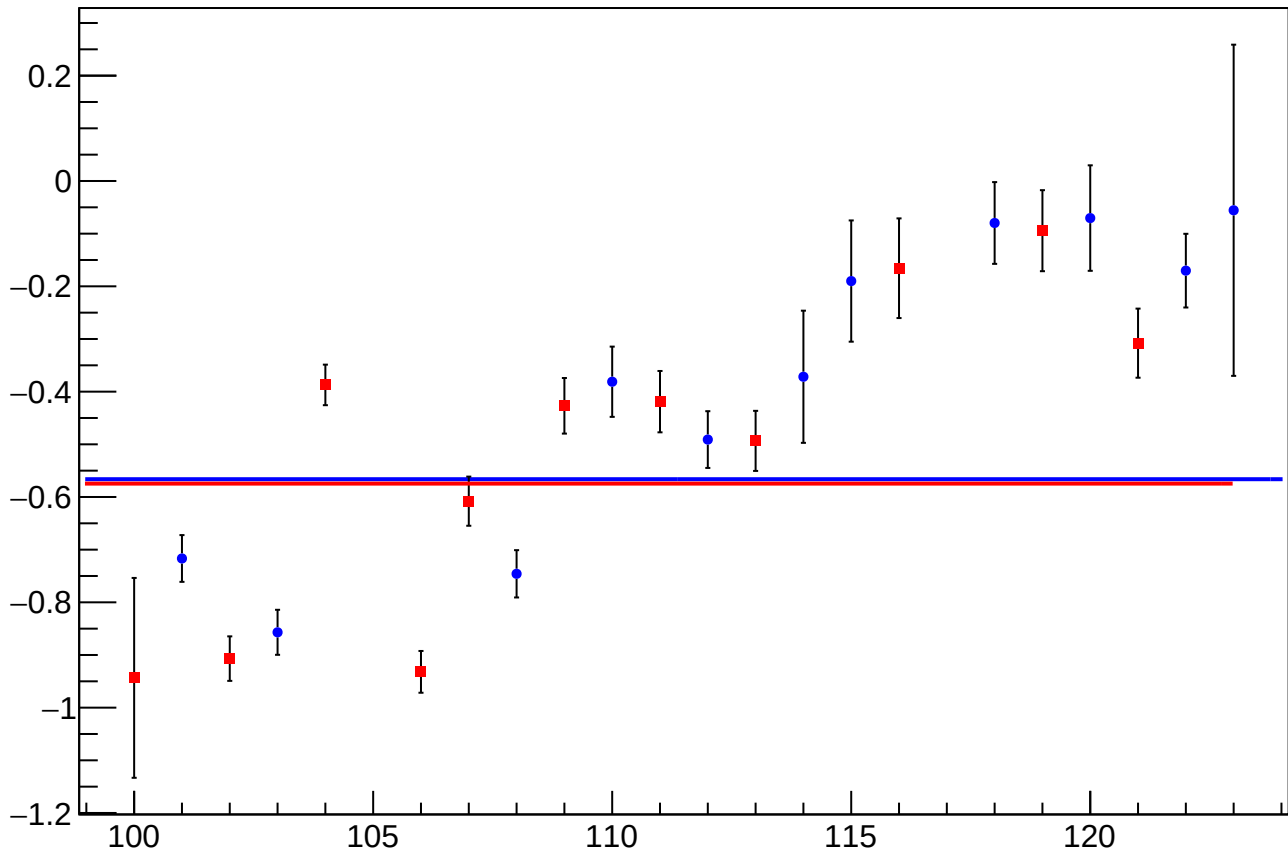
Right: 17.430+/-0.223 χ^2/NDF : 246.3/21

In: 17.196+/-0.333 χ^2/NDF : 213.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.430+/-0.223 χ^2/NDF : 246.3/21

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.566+/-0.019 χ^2/NDF : 195.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.575+/-0.016 χ^2/NDF : 262.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

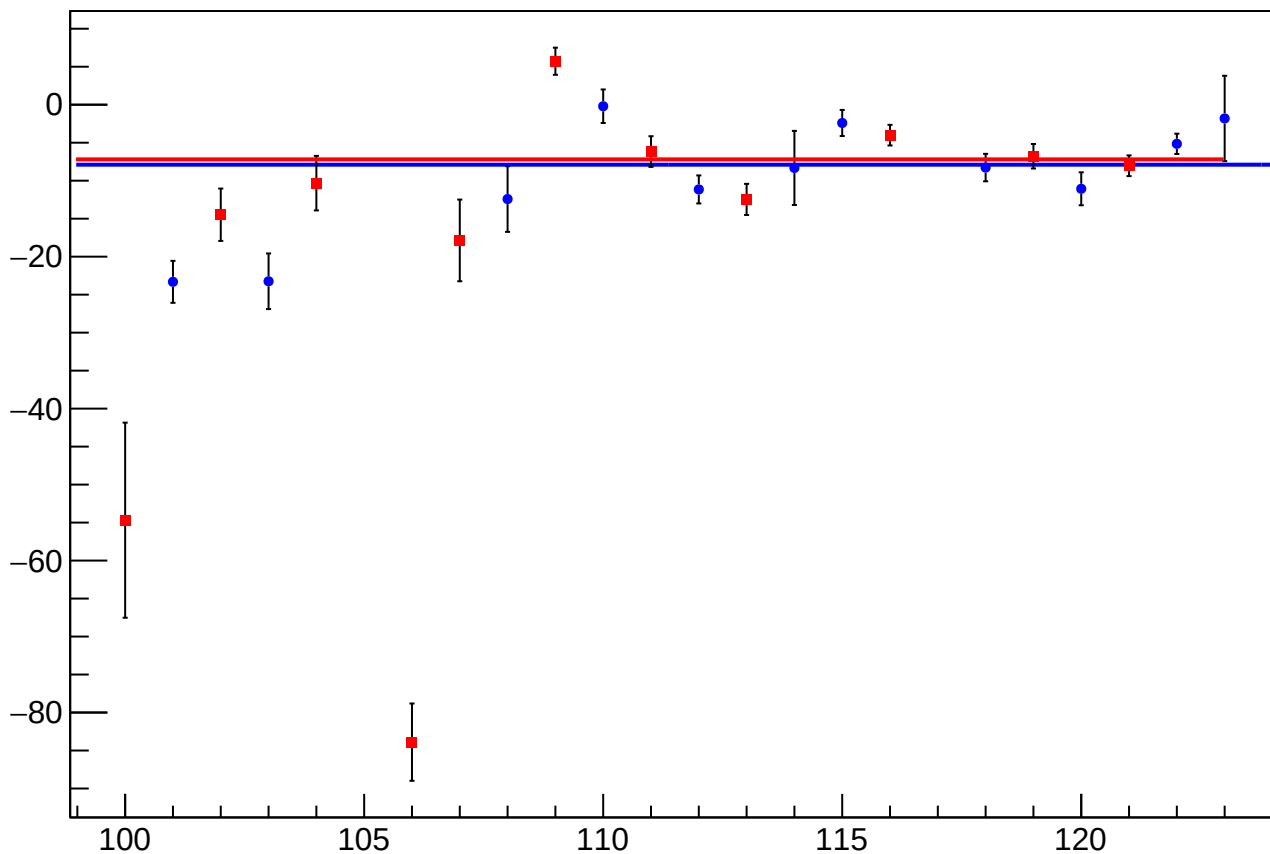
Right: -0.571+/-0.012 χ^2/NDF : 457.3/21

In: -0.566+/-0.019 χ^2/NDF : 195.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.571+/-0.012 χ^2/NDF : 457.3/21

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.895+/-0.667 χ^2/NDF : 82.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.195+/-0.632 χ^2/NDF : 315.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

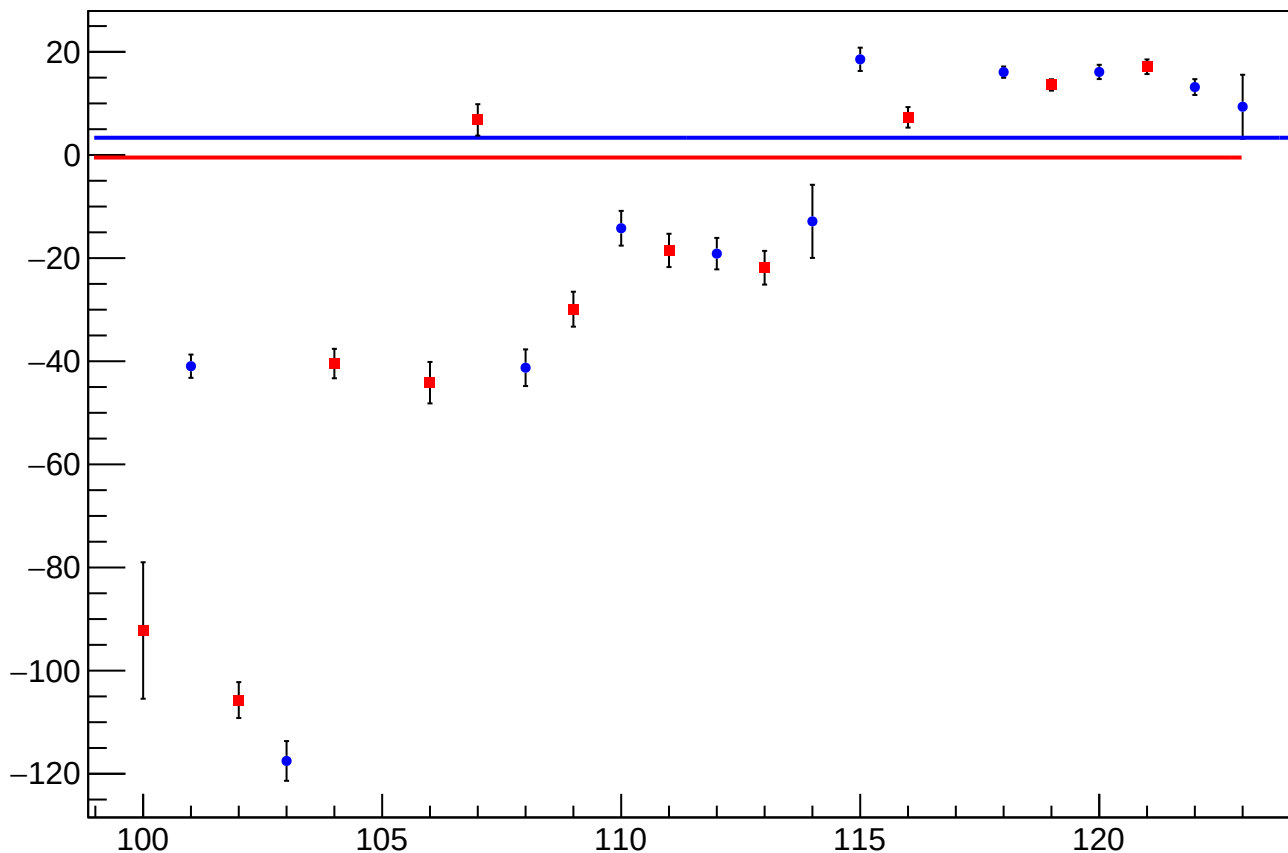
Right: -7.526+/-0.459 χ^2/NDF : 398.7/21

In: -7.895+/-0.667 χ^2/NDF : 82.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.526+/-0.459 χ^2/NDF : 398.7/21

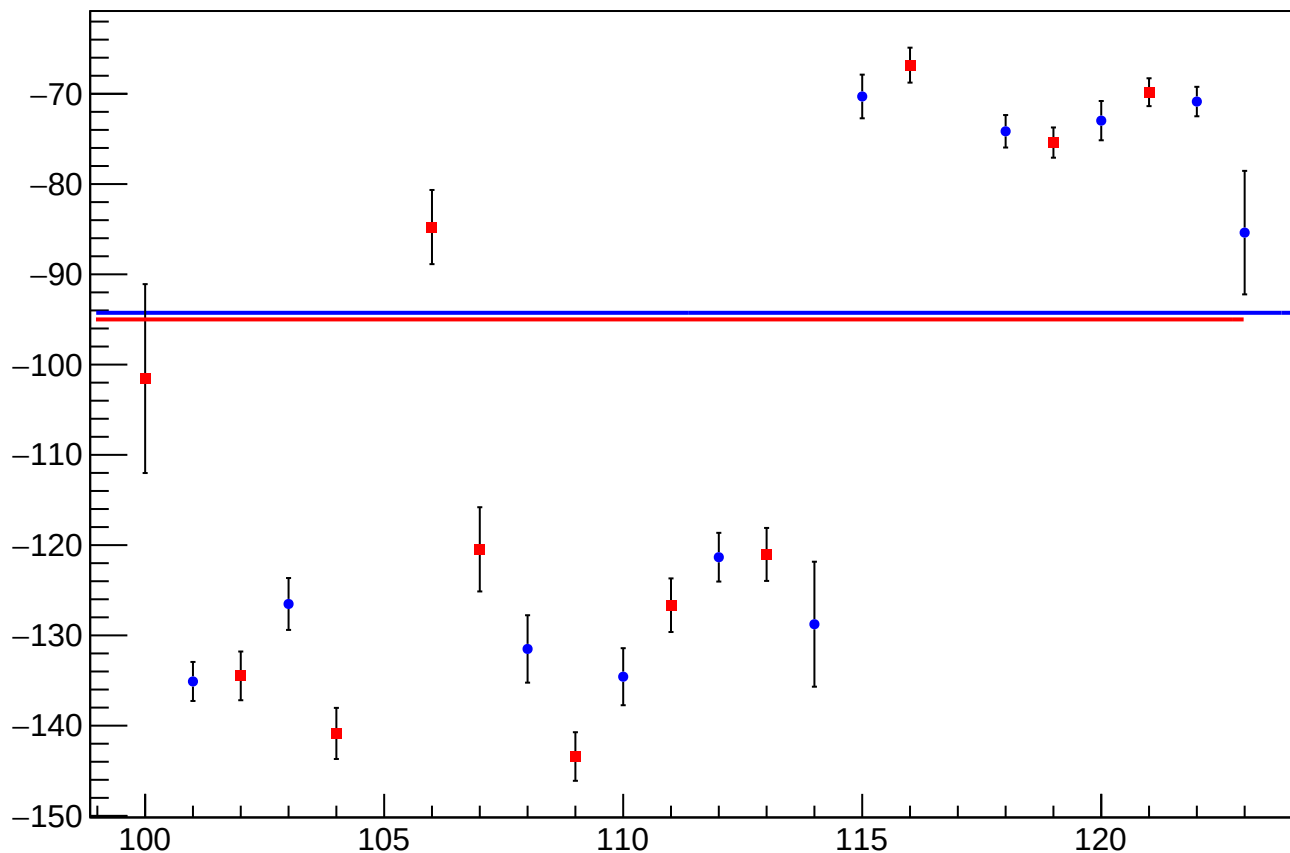
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.344+/-0.624 χ^2/NDF : 1922.6/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.494+/-0.670 χ^2/NDF : 1763.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.559+/-0.457 χ^2/NDF : 3703.3/21
 In: 3.344+/-0.624 χ^2/NDF : 1922.6/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.559+/-0.457 χ^2/NDF : 3703.3/21

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.262+/-0.755 χ^2/NDF : 1396.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -94.997+/-0.748 χ^2/NDF : 1643.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

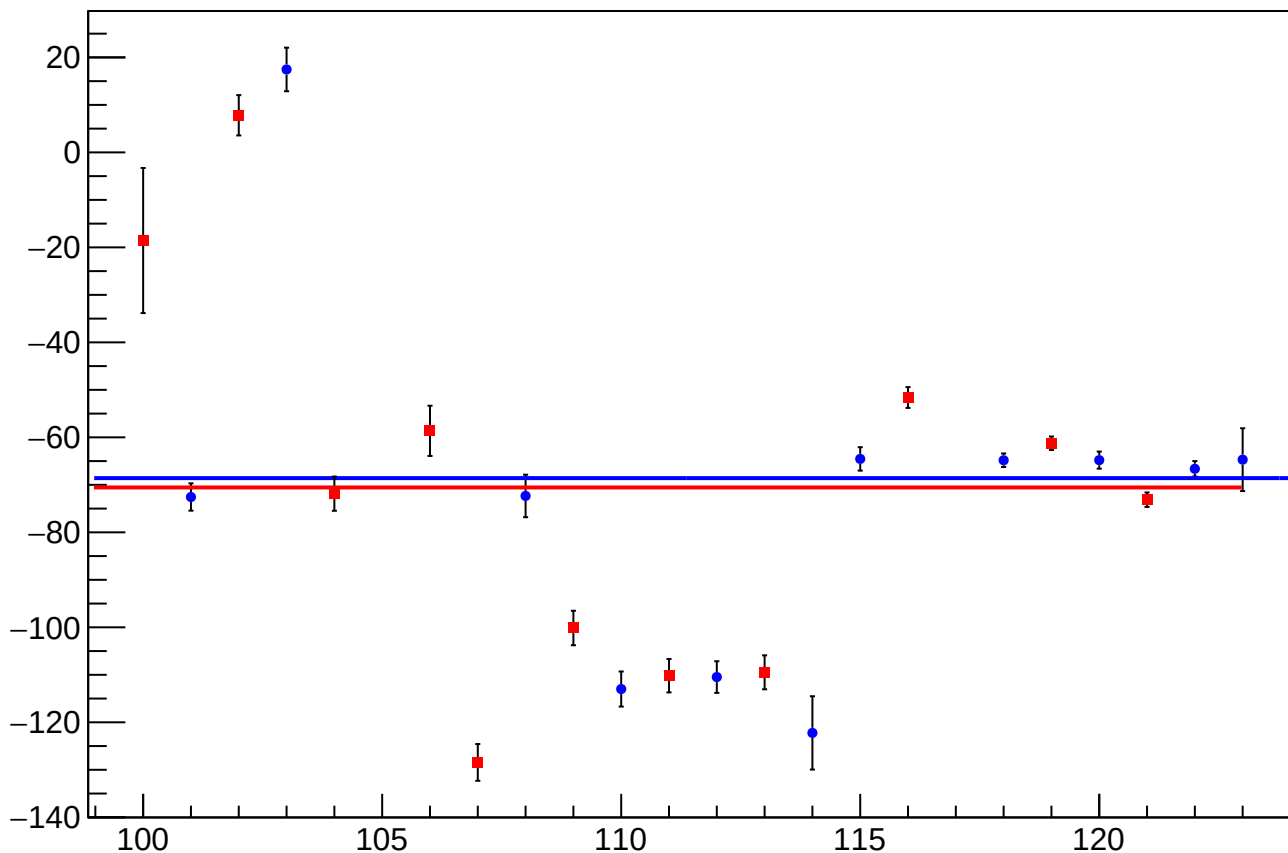
Right: -94.633+/-0.531 χ^2/NDF : 3041.0/21

In: -94.262+/-0.755 χ^2/NDF :1396.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -94.633+/-0.531 χ^2/NDF : 3041.0/21

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.583 ± 0.753 χ^2/NDF : 720.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -70.552 ± 0.788 χ^2/NDF : 1013.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

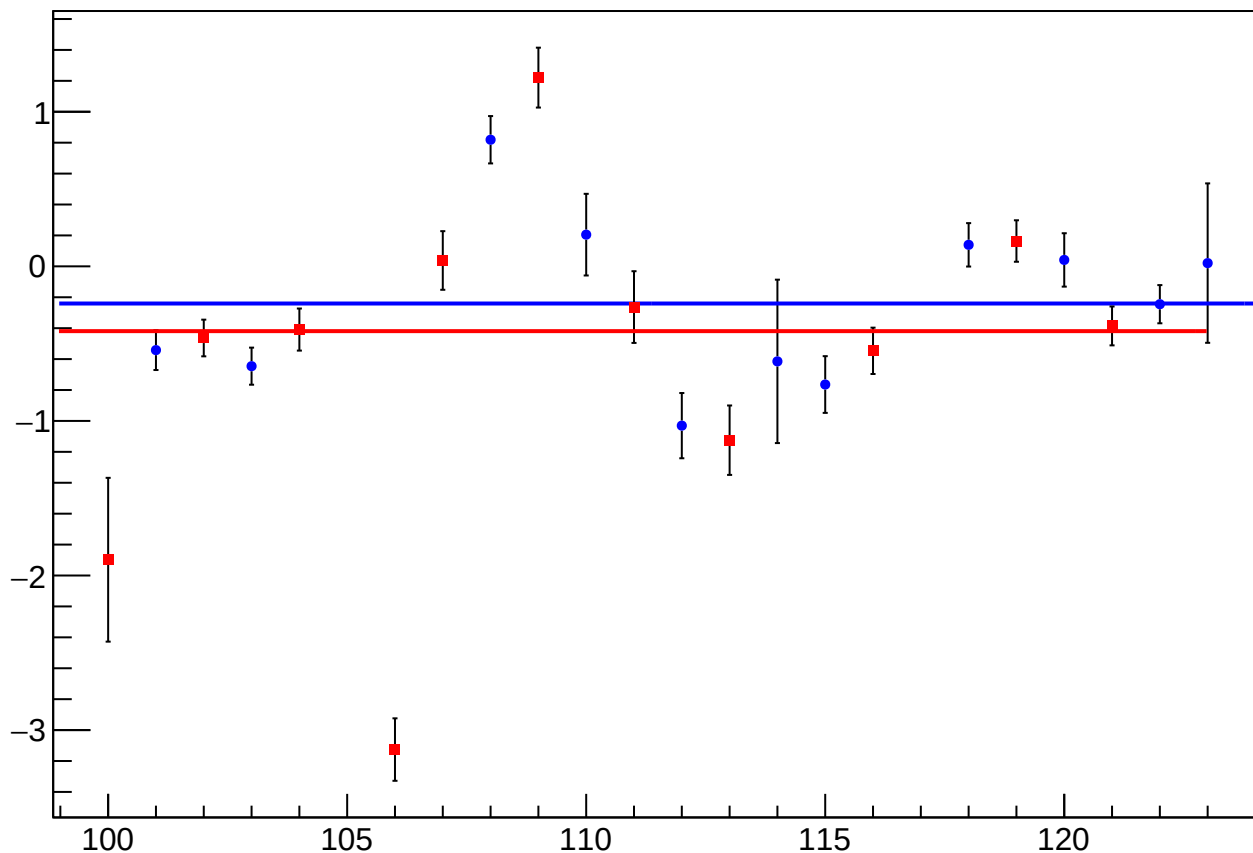
Right: -69.523 ± 0.545 χ^2/NDF : 1737.7/21

In: -68.583 ± 0.753 χ^2/NDF : 720.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.523 ± 0.545 χ^2/NDF : 1737.7/21

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.240 ± 0.050 χ^2/NDF : 100.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.419 ± 0.049 χ^2/NDF : 294.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

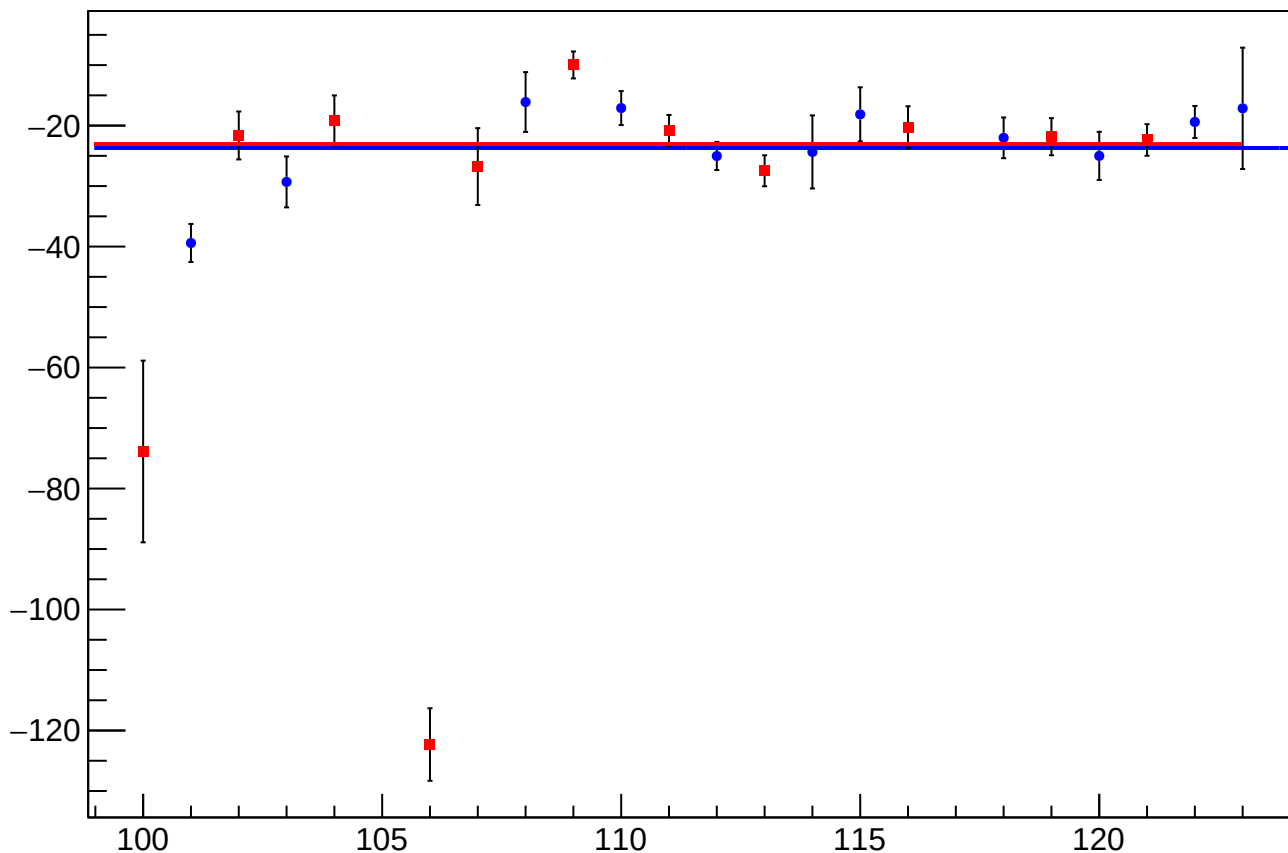
Right: -0.331 ± 0.035 χ^2/NDF : 401.8/21

In: -0.240 ± 0.050 χ^2/NDF : 100.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.331 ± 0.035 χ^2/NDF : 401.8/21

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.699 $\pm$ 1.059 χ^2 /NDF: 39.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.054 $\pm$ 0.990 χ^2 /NDF: 325.9/10

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

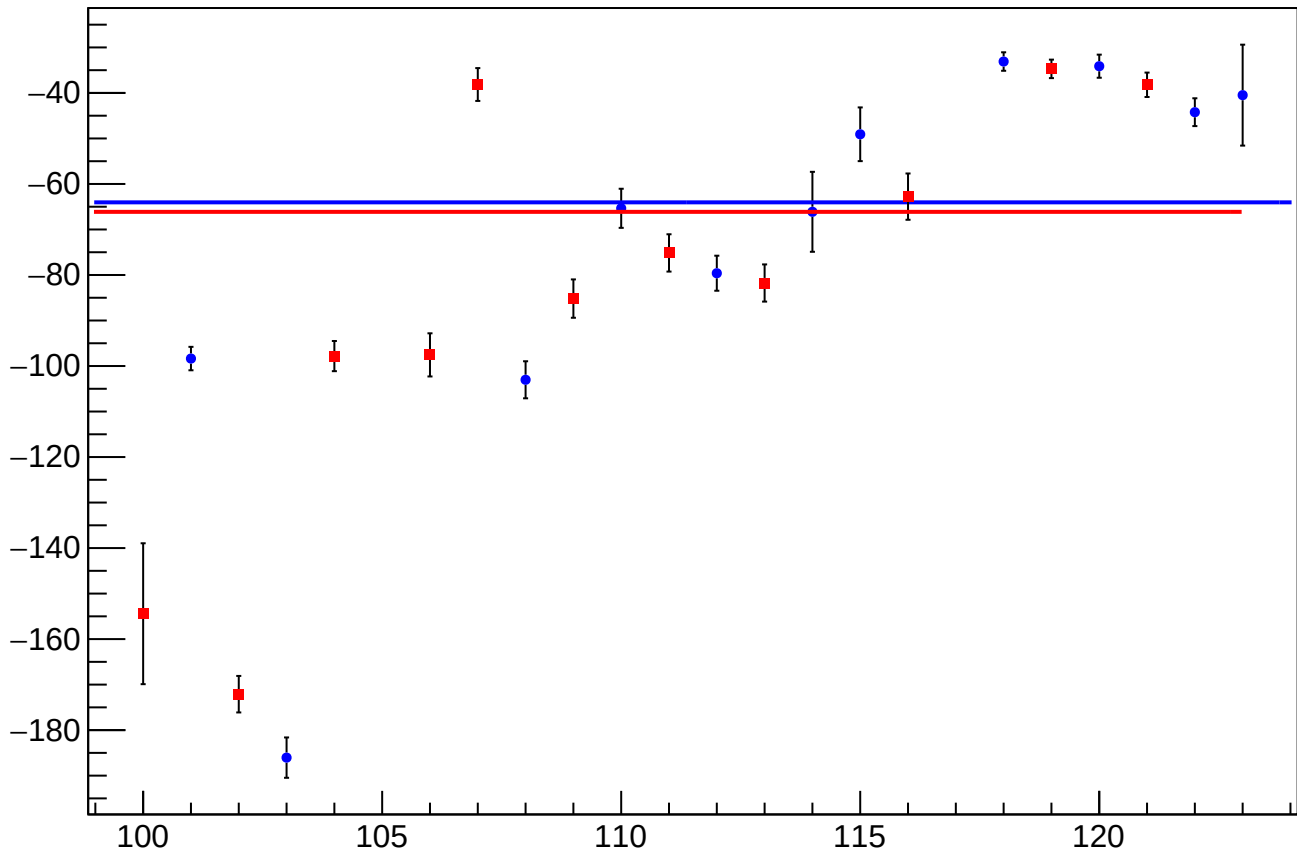
Right: -23.355 $\pm$ 0.723 χ^2 /NDF: 366.0/21

In: -23.699 $\pm$ 1.059 χ^2 /NDF:39.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.355 $\pm$ 0.723 χ^2 /NDF: 366.0/21

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.039+/-1.032 χ^2/NDF : 1467.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.126+/-1.069 χ^2/NDF : 1314.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

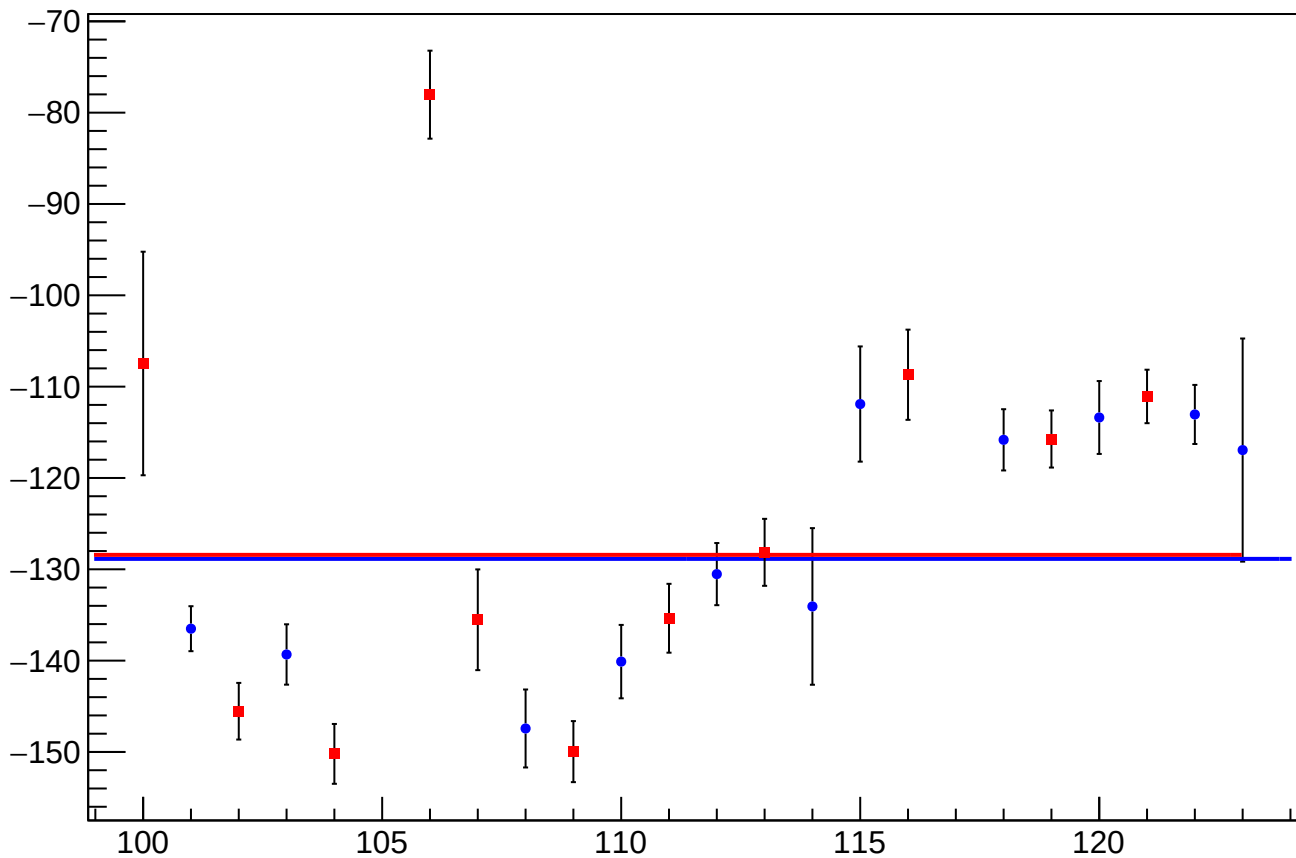
Right: -65.046+/-0.743 χ^2/NDF : 2783.9/21

In: -64.039+/-1.032 χ^2/NDF : 1467.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.046+/-0.743 χ^2/NDF : 2783.9/21

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -128.859+/-1.153 χ^2/NDF : 109.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.419+/-1.137 χ^2/NDF : 301.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

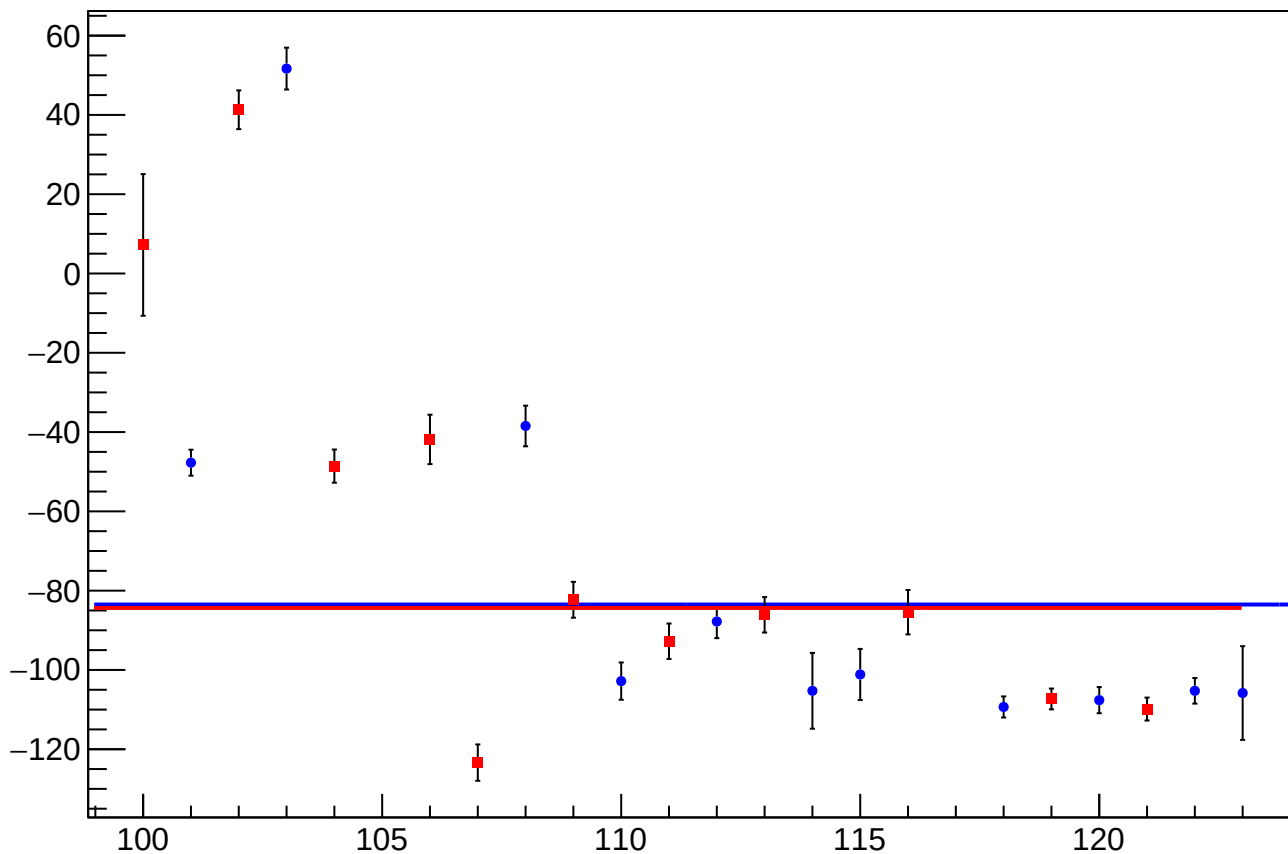
Right: -128.636+/-0.809 χ^2/NDF : 410.5/21

In: -128.859+/-1.153 χ^2/NDF : 109.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.636+/-0.809 χ^2/NDF : 410.5/21

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -83.503+/-1.250 χ^2/NDF : 1079.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.353+/-1.269 χ^2/NDF : 1037.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

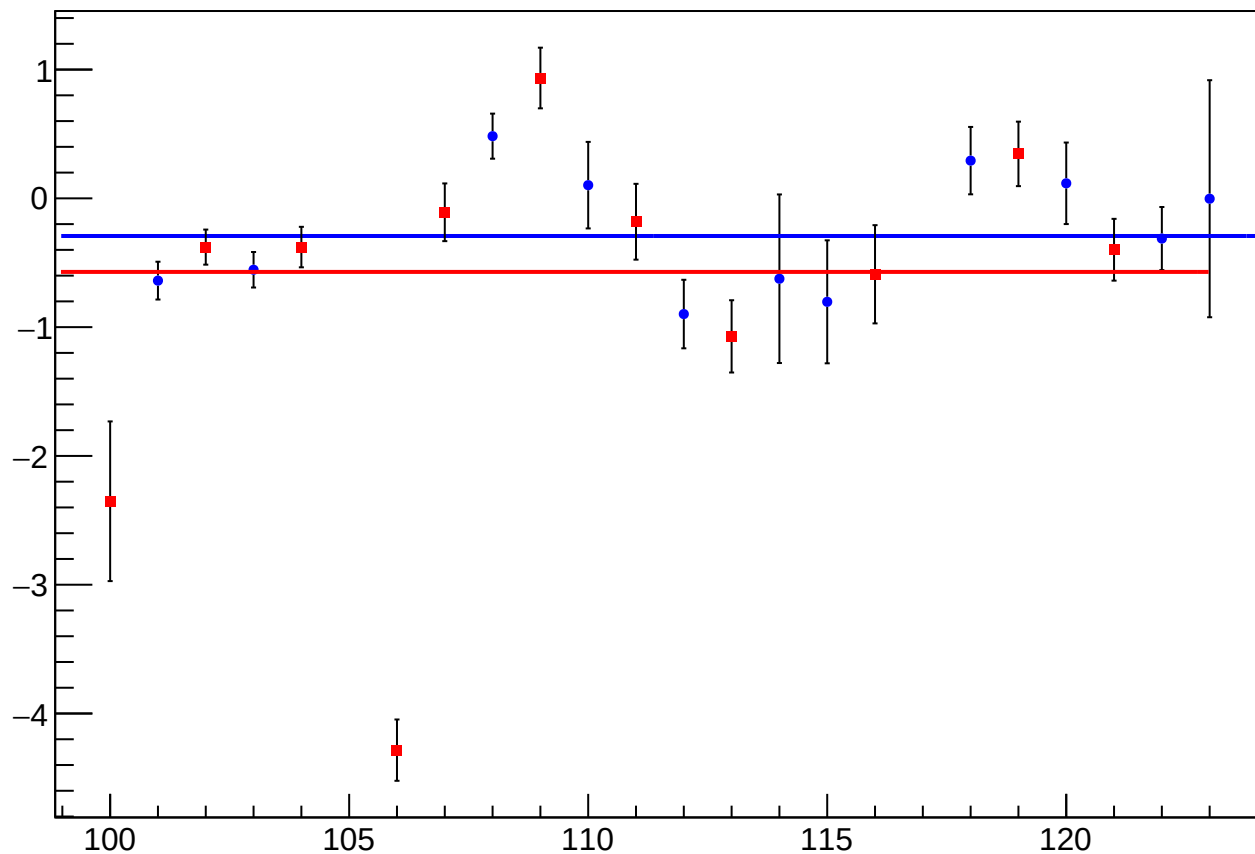
Right: -83.922+/-0.890 χ^2/NDF : 2117.4/21

In: -83.503+/-1.250 χ^2/NDF : 1079.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.922+/-0.890 χ^2/NDF : 2117.4/21

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.292 ± 0.070 $\chi^2/\text{NDF}: 43.6/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.571 ± 0.068 $\chi^2/\text{NDF}: 319.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

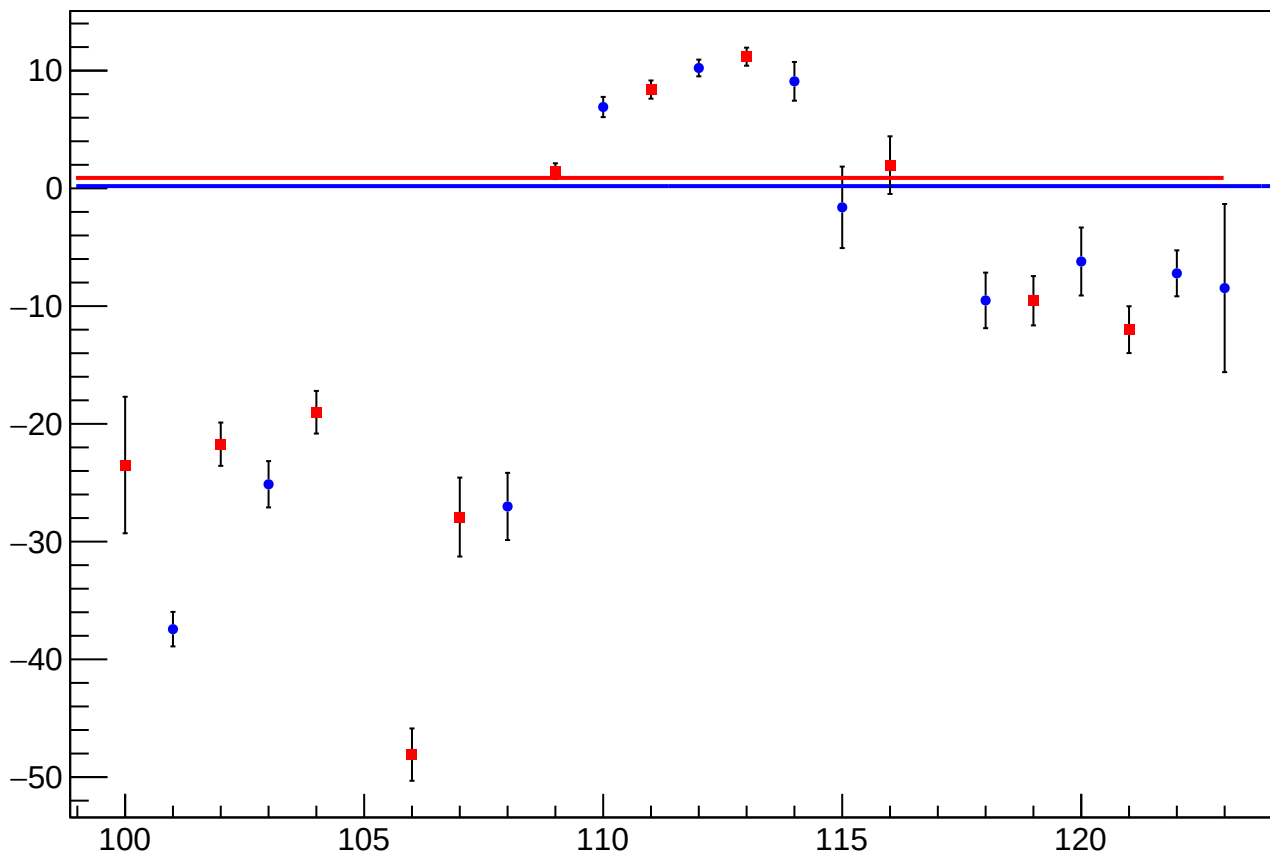
Right: -0.436 ± 0.049 $\chi^2/\text{NDF}: 370.8/21$

In: -0.292 ± 0.070 $\chi^2/\text{NDF}: 43.6/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.436 ± 0.049 $\chi^2/\text{NDF}: 370.8/21$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.192+/-0.438 χ^2/NDF : 1243.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.889+/-0.373 χ^2/NDF : 1191.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

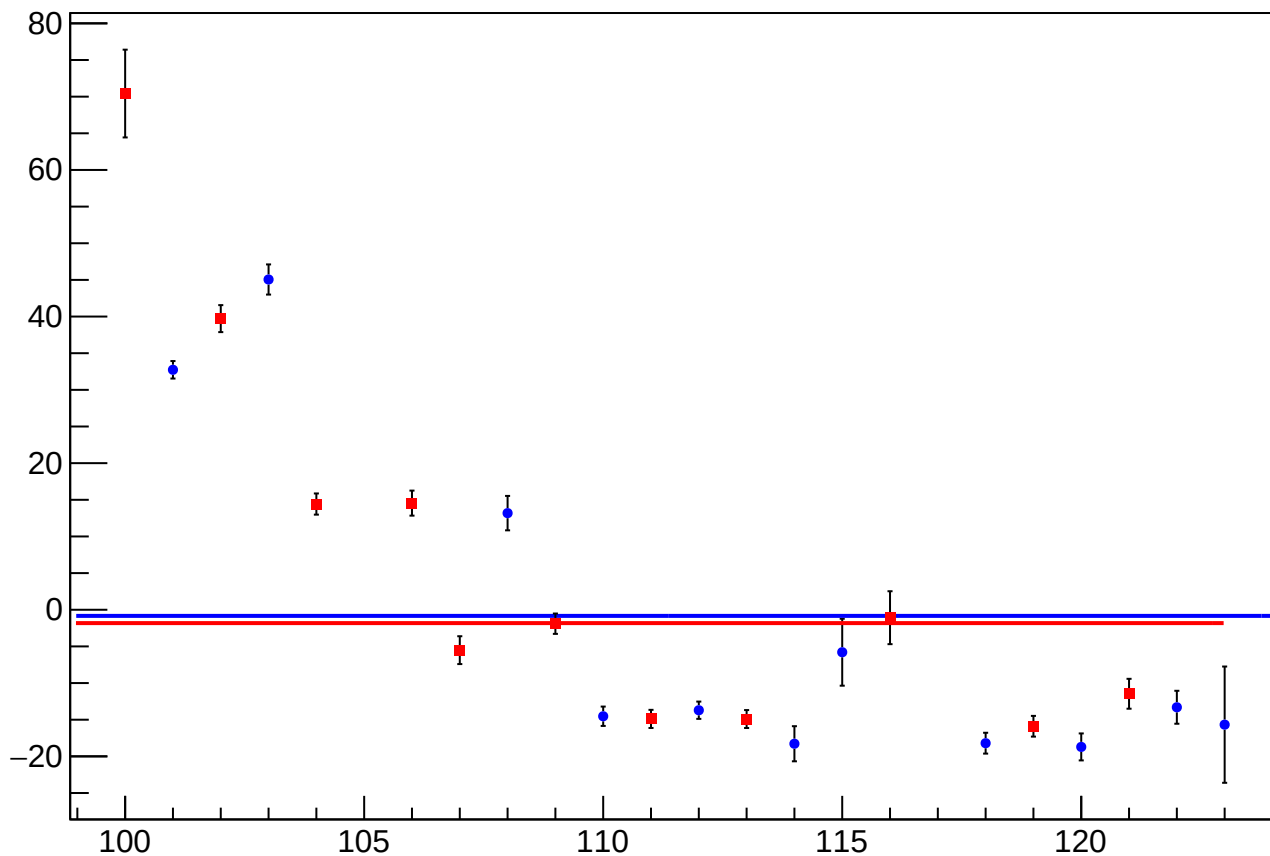
Right: 0.596+/-0.284 χ^2/NDF : 2436.7/21

In: 0.192+/-0.438 χ^2/NDF : 1243.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.596+/-0.284 χ^2/NDF : 2436.7/21

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.835 ± 0.524 χ^2/NDF : 1883.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.820 ± 0.495 χ^2/NDF : 1224.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

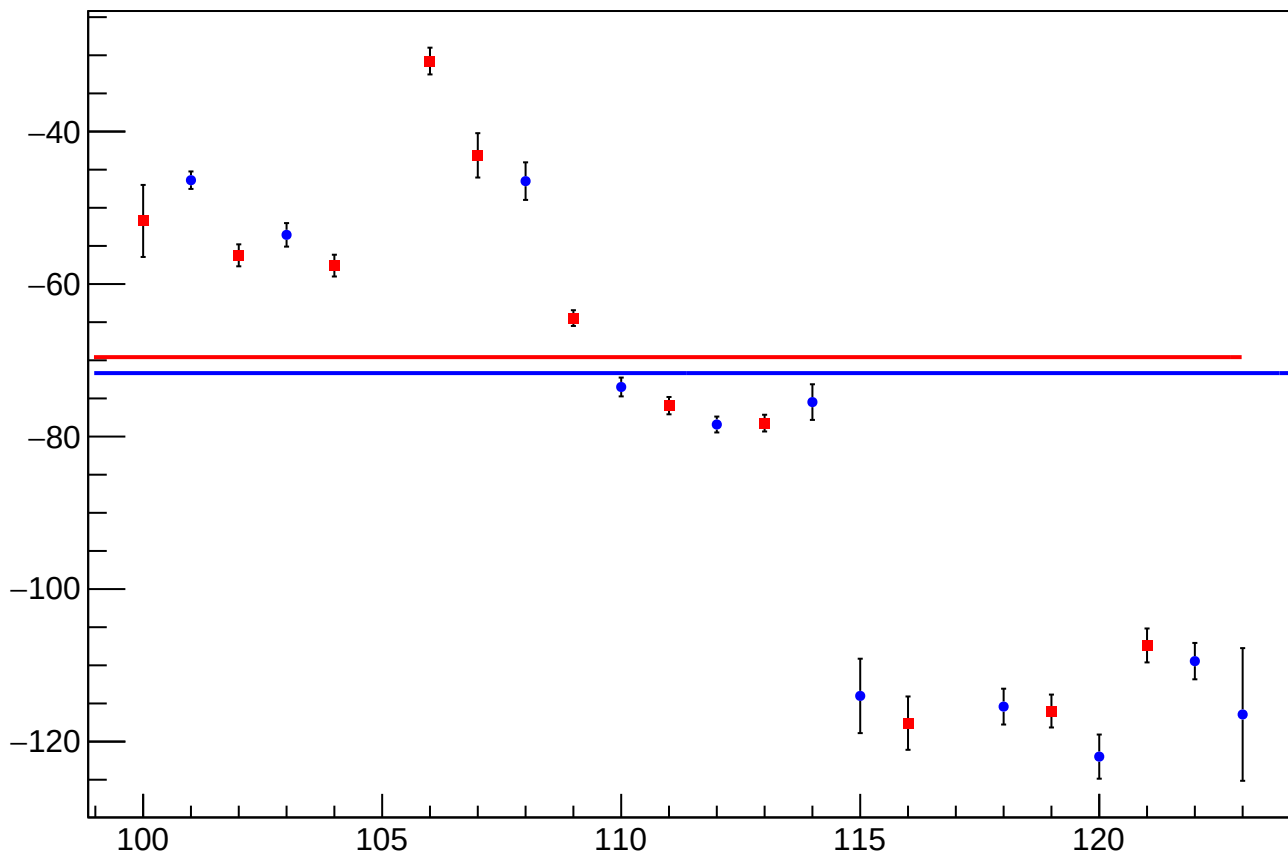
Right: -1.356 ± 0.360 χ^2/NDF : 3109.6/21

In: -0.835 ± 0.524 χ^2/NDF : 1883.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.356 ± 0.360 χ^2/NDF : 3109.6/21

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.679+/-0.524 χ^2/NDF : 1777.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.583+/-0.471 χ^2/NDF : 1801.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

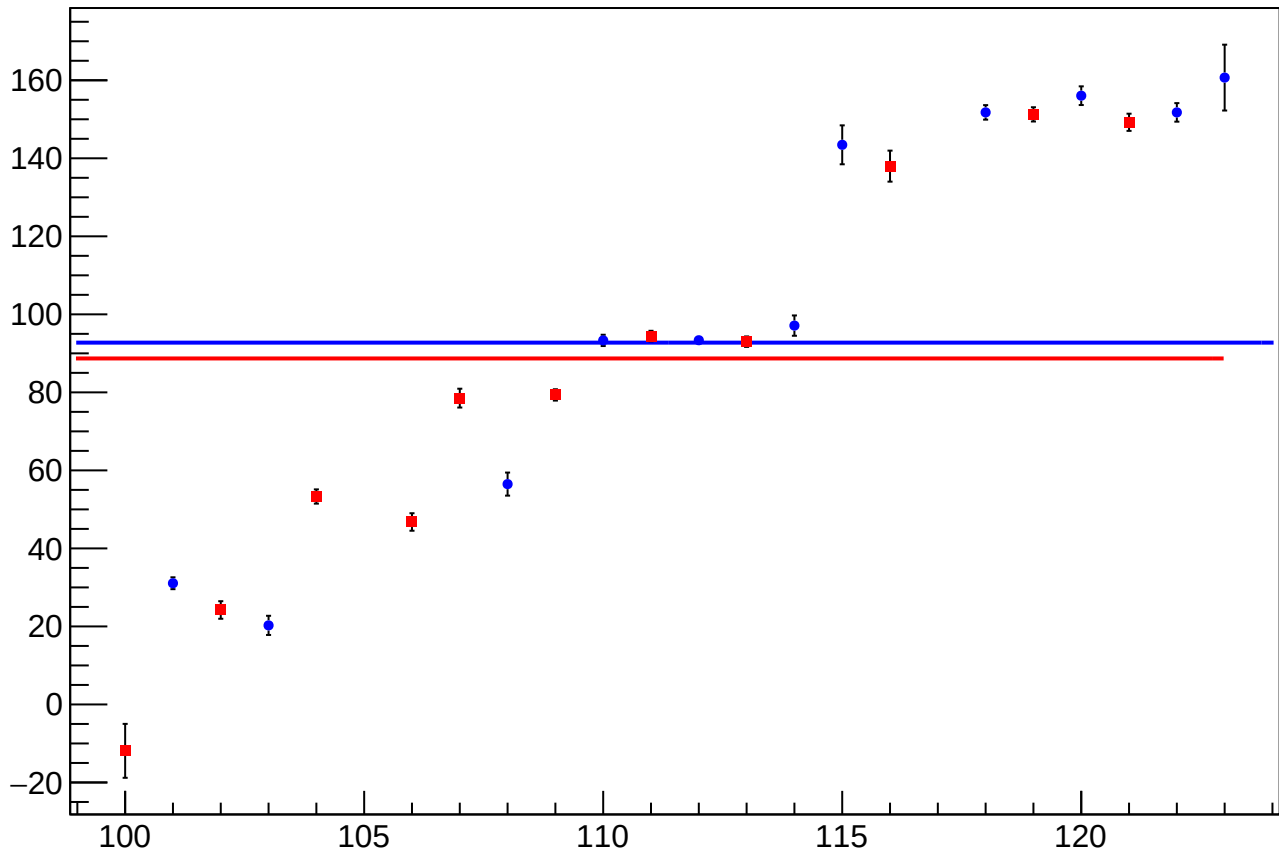
Right: -70.520+/-0.350 χ^2/NDF : 3588.2/21

In: -71.679+/-0.524 χ^2/NDF : 1777.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.520+/-0.350 χ^2/NDF : 3588.2/21

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 92.748+/-0.616 χ^2/NDF : 5157.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.691+/-0.573 χ^2/NDF : 3931.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

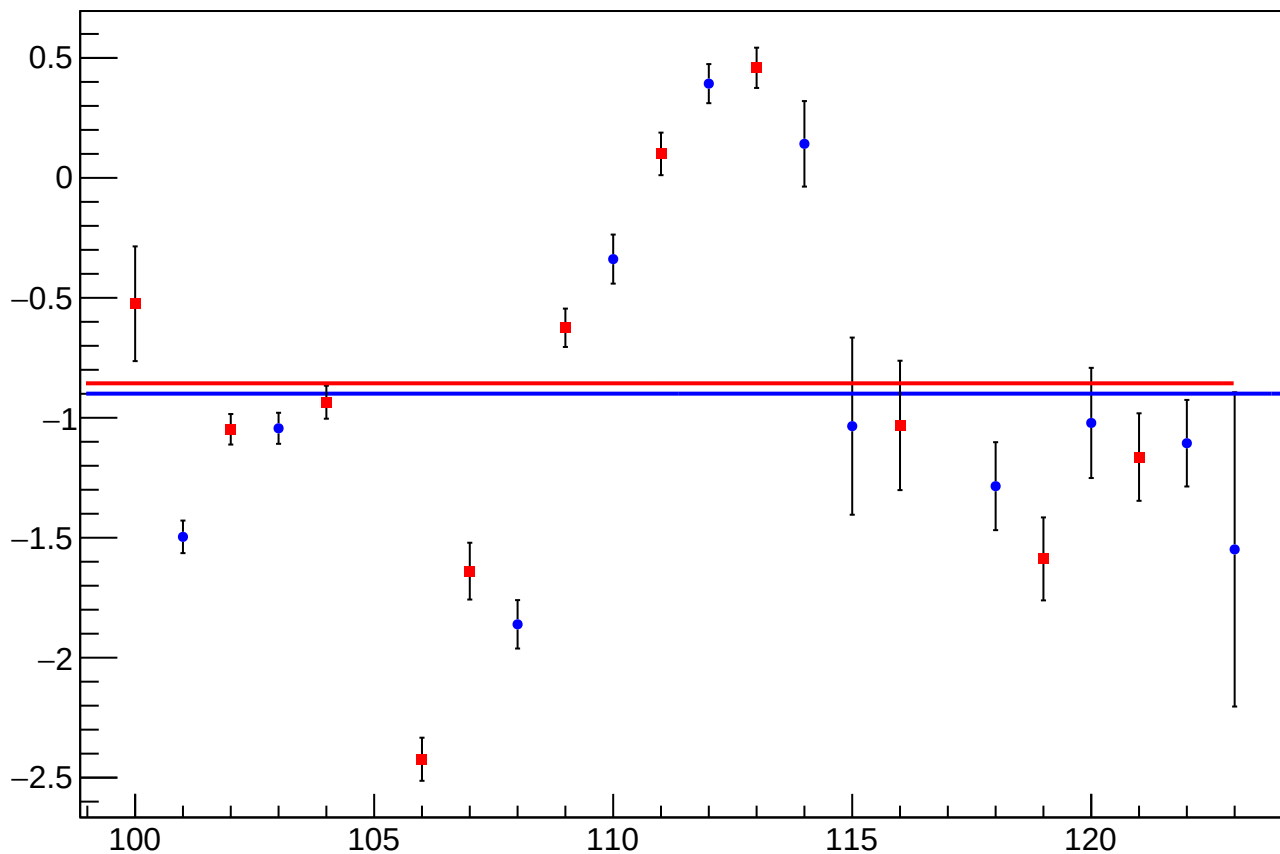
Right: 90.573+/-0.420 χ^2/NDF : 9112.4/21

In: 92.748+/-0.616 χ^2/NDF : 5157.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.573+/-0.420 χ^2/NDF : 9112.4/21

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.899+/-0.033 χ^2/NDF : 496.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.856+/-0.029 χ^2/NDF : 751.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

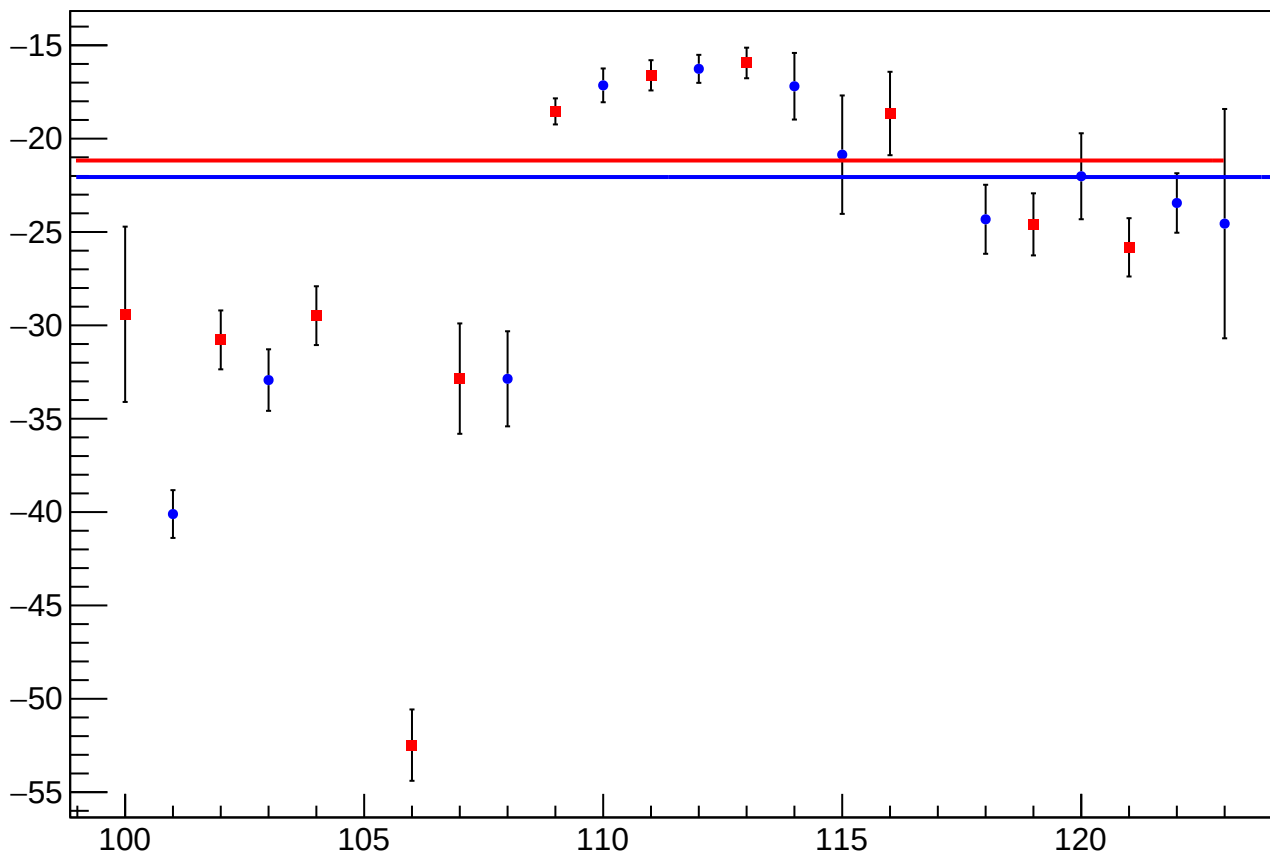
Right: -0.875+/-0.022 χ^2/NDF : 1248.7/21

In: -0.899+/-0.033 χ^2/NDF : 496.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.875+/-0.022 χ^2/NDF : 1248.7/21

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.057+/-0.428 χ^2/NDF : 359.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.171+/-0.371 χ^2/NDF : 453.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

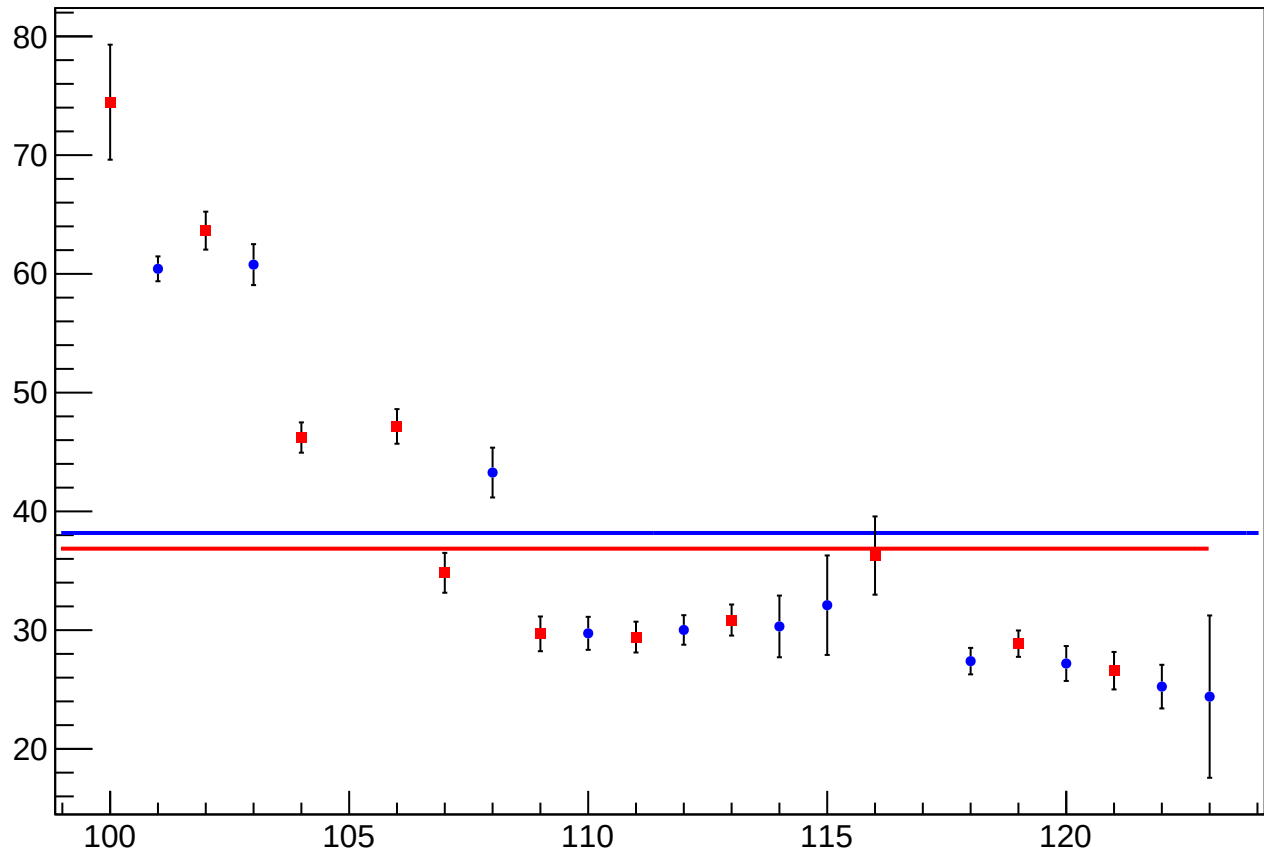
Right: -21.550+/-0.280 χ^2/NDF : 815.2/21

In: -22.057+/-0.428 χ^2/NDF : 359.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.550+/-0.280 χ^2/NDF : 815.2/21

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 38.182+/-0.475 χ^2/NDF : 923.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.861+/-0.455 χ^2/NDF : 618.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

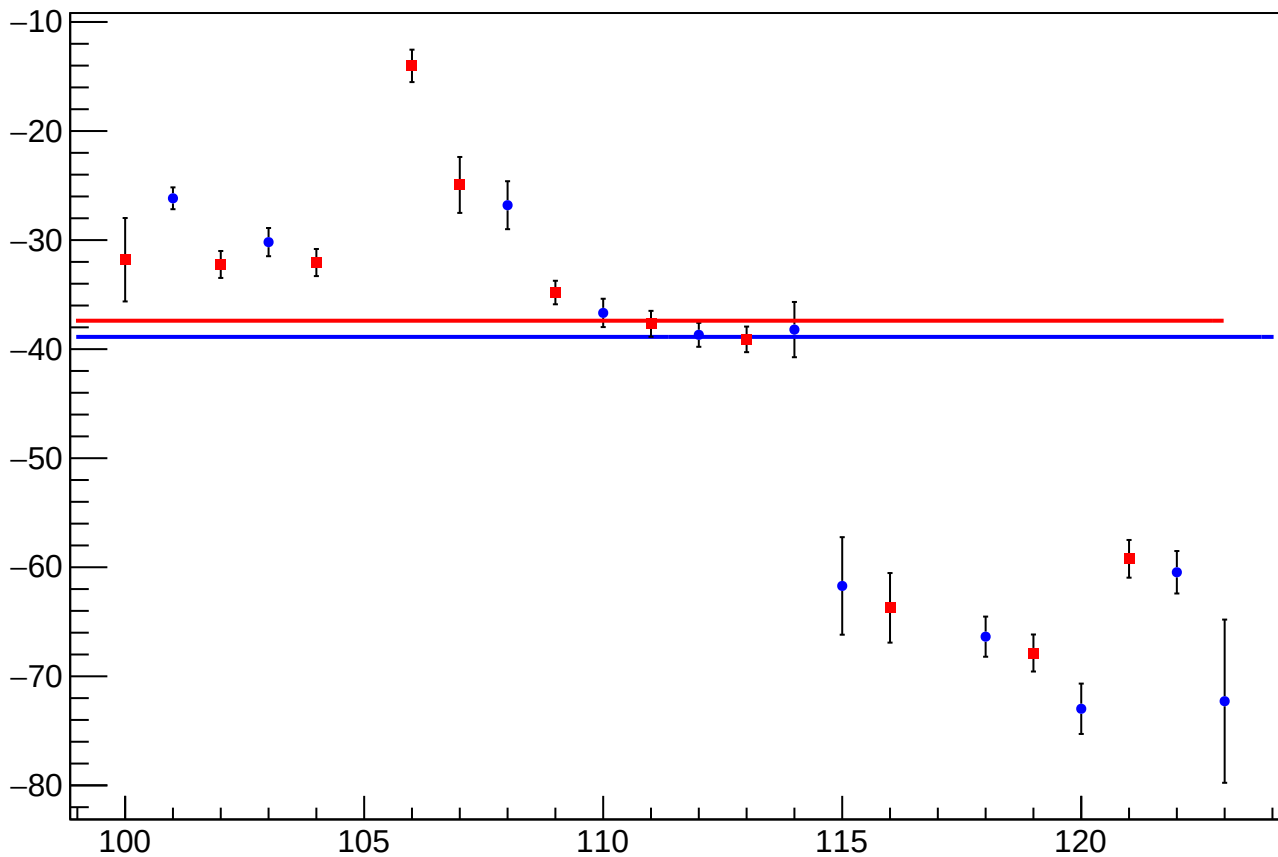
Right: 37.493+/-0.329 χ^2/NDF : 1546.3/21

In: 38.182+/-0.475 χ^2/NDF : 923.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.493+/-0.329 χ^2/NDF : 1546.3/21

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.877 ± 0.488 χ^2/NDF : 849.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.393 ± 0.445 χ^2/NDF : 866.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

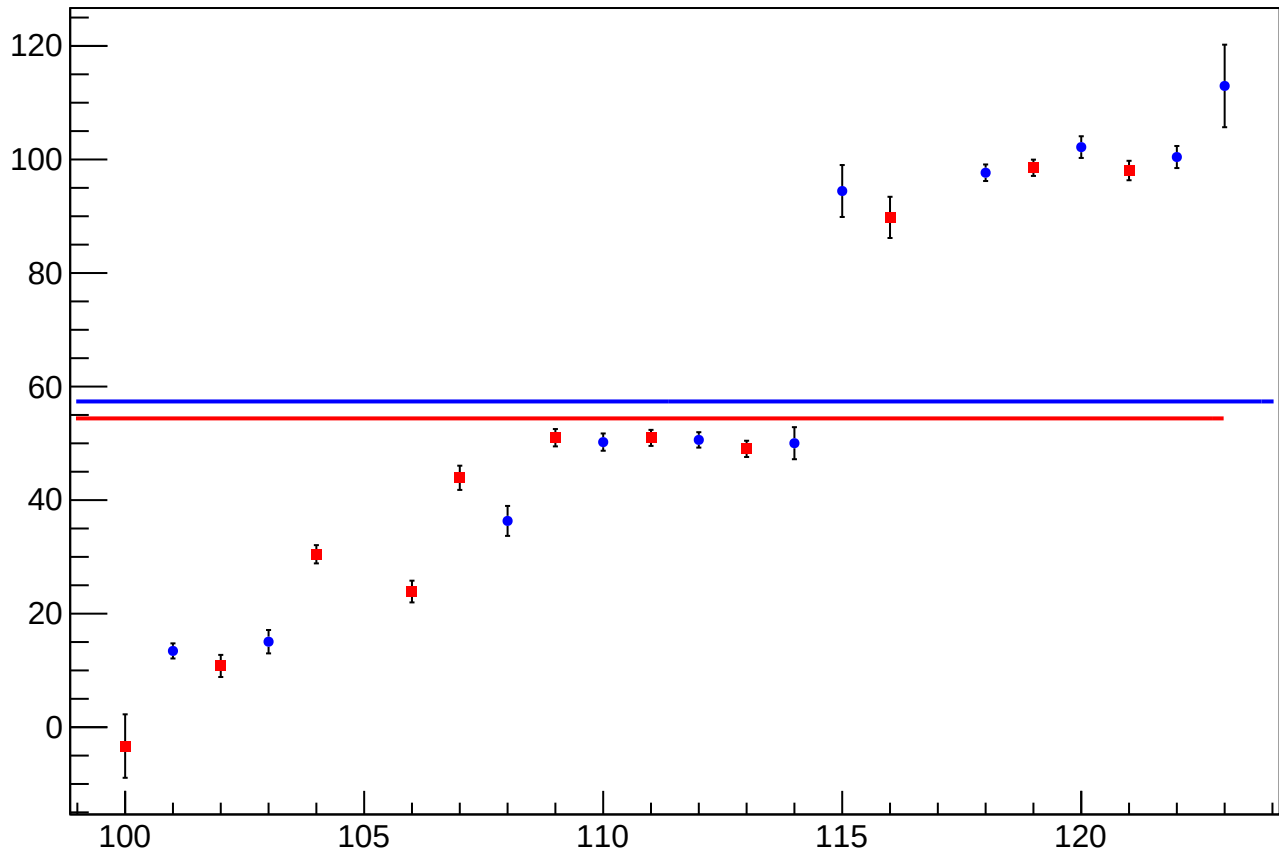
Right: -38.066 ± 0.329 χ^2/NDF : 1721.2/21

In: -38.877 ± 0.488 χ^2/NDF : 849.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.066 ± 0.329 χ^2/NDF : 1721.2/21

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 57.378+/-0.566 χ^2/NDF : 3554.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.392+/-0.535 χ^2/NDF : 2825.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

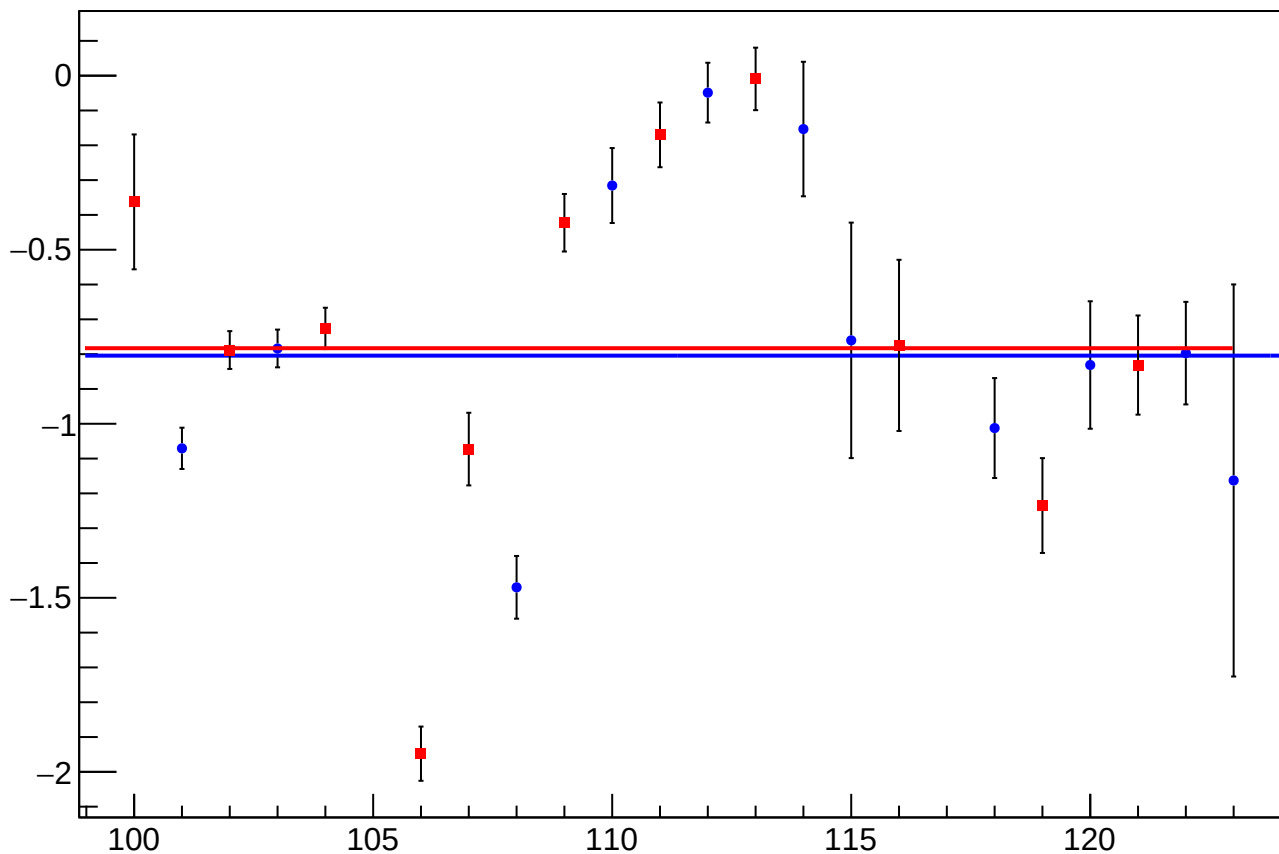
Right: 55.799+/-0.389 χ^2/NDF : 6395.3/21

In: 57.378+/-0.566 χ^2/NDF : 3554.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.799+/-0.389 χ^2/NDF : 6395.3/21

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.804 ± 0.030 χ^2/NDF : 186.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.783 ± 0.027 χ^2/NDF : 384.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

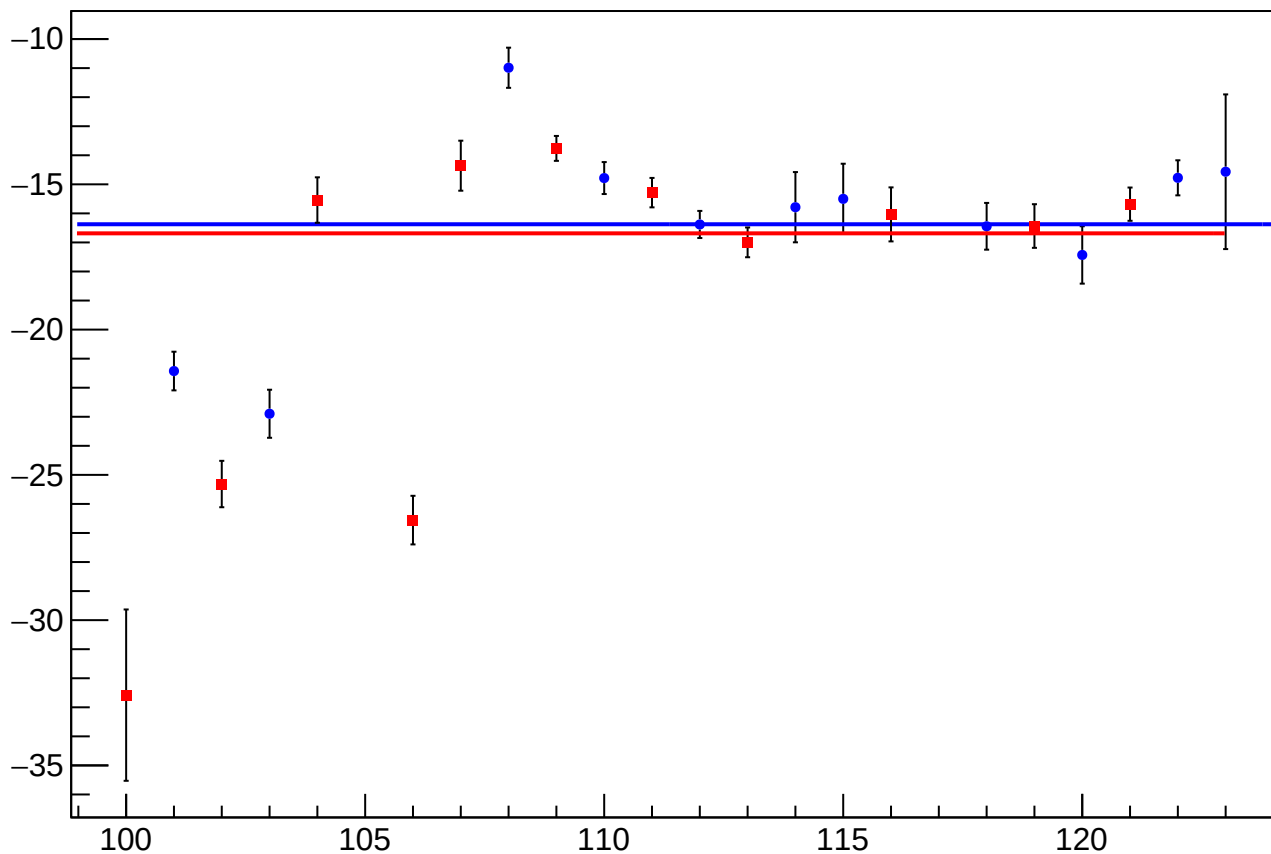
Right: -0.792 ± 0.020 χ^2/NDF : 572.0/21

In: -0.804 ± 0.030 χ^2/NDF : 186.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.792 ± 0.020 χ^2/NDF : 572.0/21

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.374+/-0.221 χ^2/NDF : 198.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.687+/-0.199 χ^2/NDF : 352.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

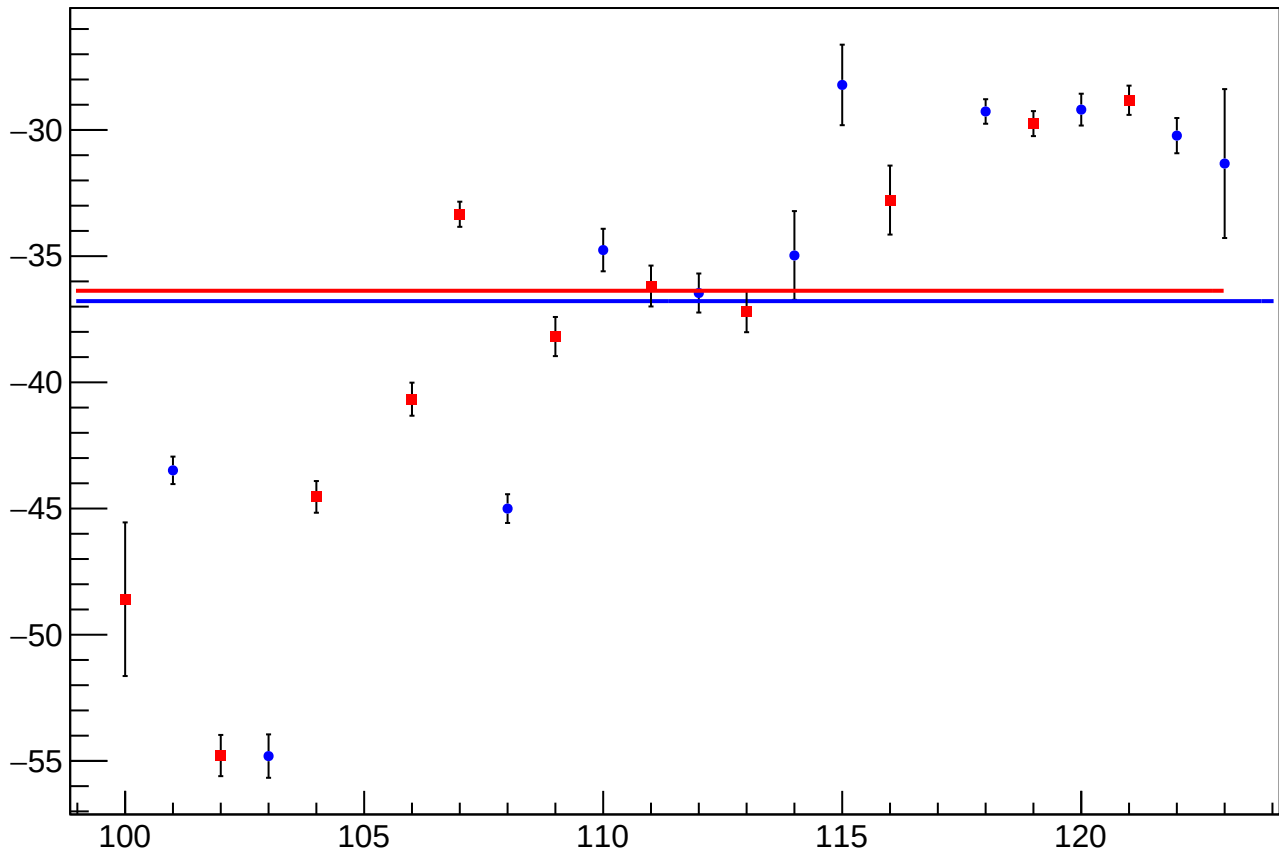
Right: -16.546+/-0.148 χ^2/NDF : 552.2/21

In: -16.374+/-0.221 χ^2/NDF : 198.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.546+/-0.148 χ^2/NDF : 552.2/21

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -36.782 ± 0.221 χ^2/NDF : 1310.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.371 ± 0.210 χ^2/NDF : 1136.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

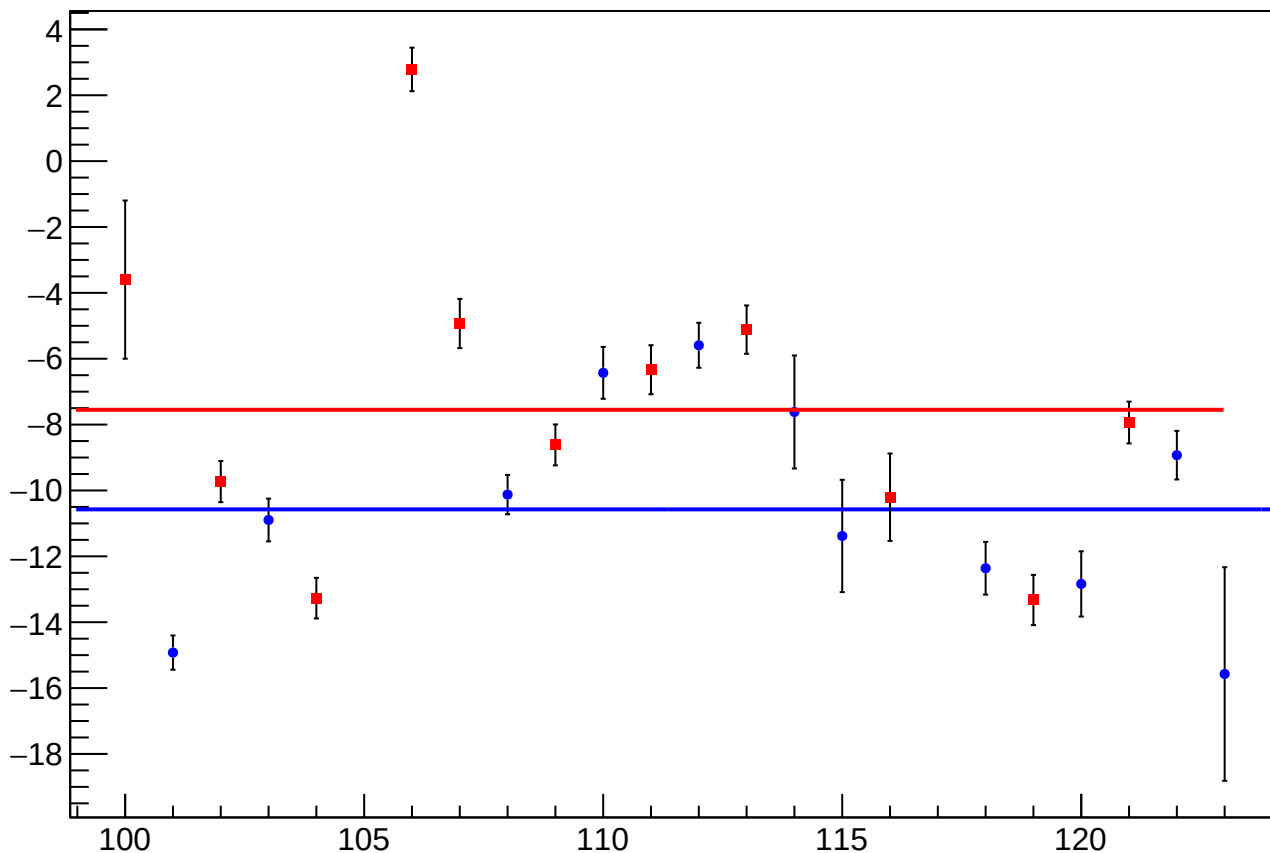
Right: -36.566 ± 0.152 χ^2/NDF : 2448.8/21

In: -36.782 ± 0.221 χ^2/NDF : 1310.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.566 ± 0.152 χ^2/NDF : 2448.8/21

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.574+/-0.237 χ^2/NDF : 172.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.551+/-0.221 χ^2/NDF : 436.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

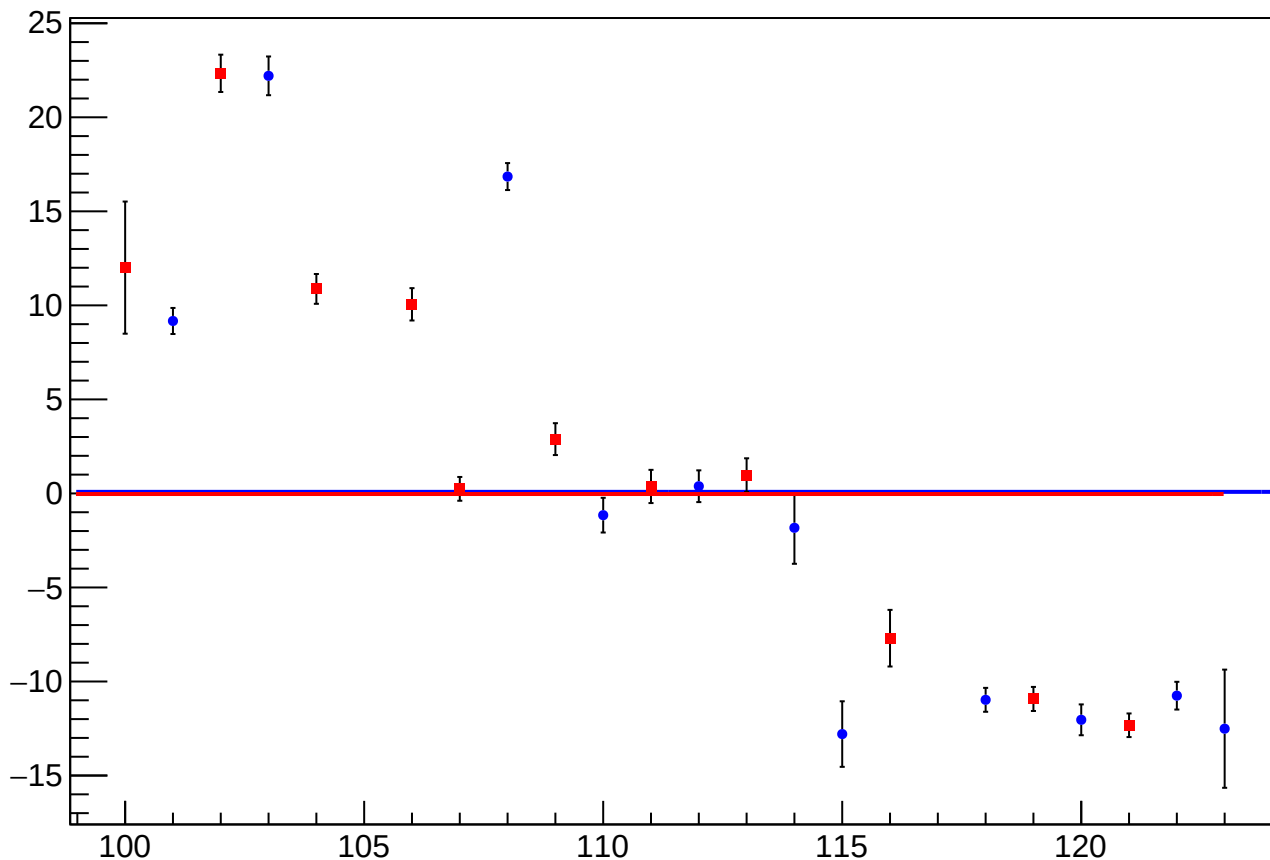
Right: -8.958+/-0.162 χ^2/NDF : 695.4/21

In: -10.574+/-0.237 χ^2/NDF :172.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.958+/-0.162 χ^2/NDF : 695.4/21

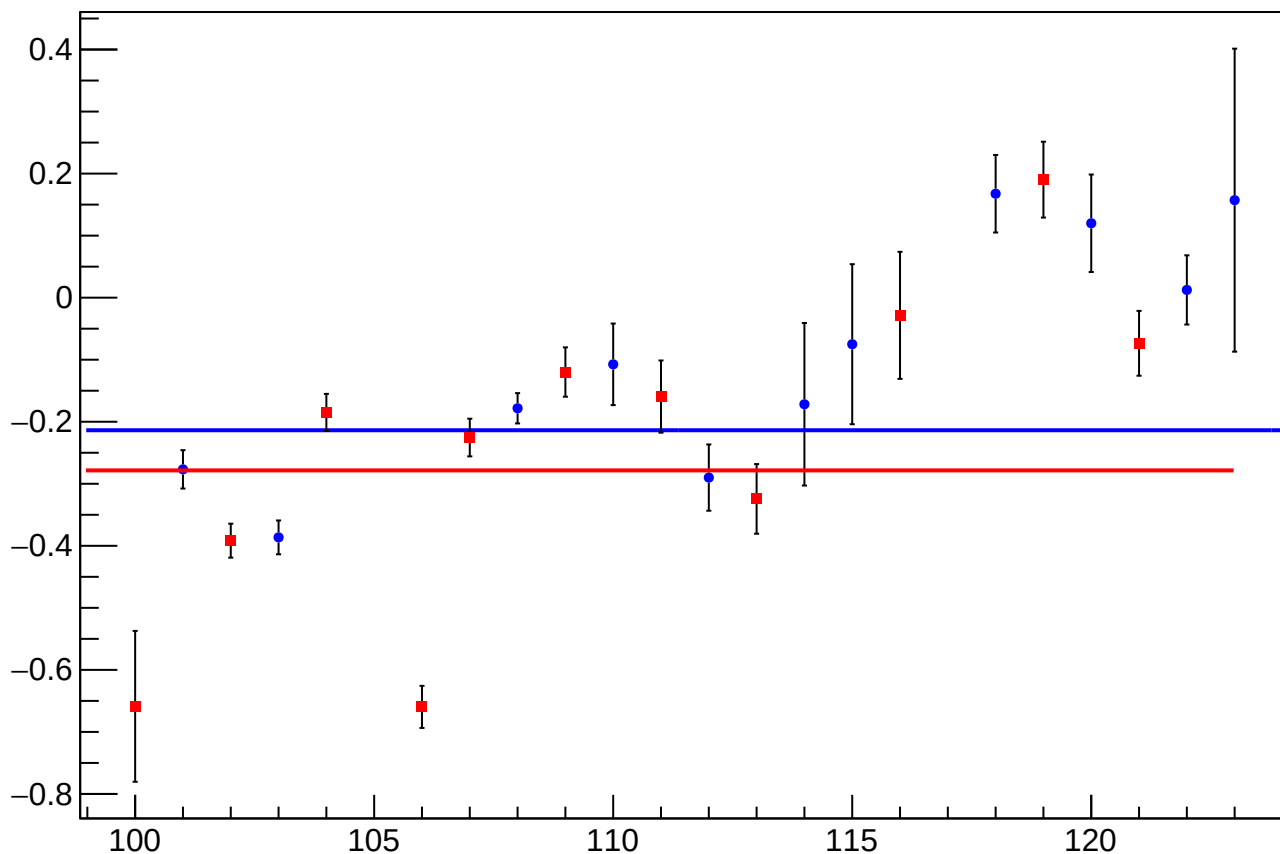
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.084+/-0.267 χ^2/NDF : 1990.9/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.031+/-0.251 χ^2/NDF : 1560.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.023+/-0.183 χ^2/NDF : 3551.4/21
 In: 0.084+/-0.267 χ^2/NDF : 1990.9/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.023+/-0.183 χ^2/NDF : 3551.4/21

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.214 ± 0.013 χ^2/NDF : 126.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.278 ± 0.012 χ^2/NDF : 267.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

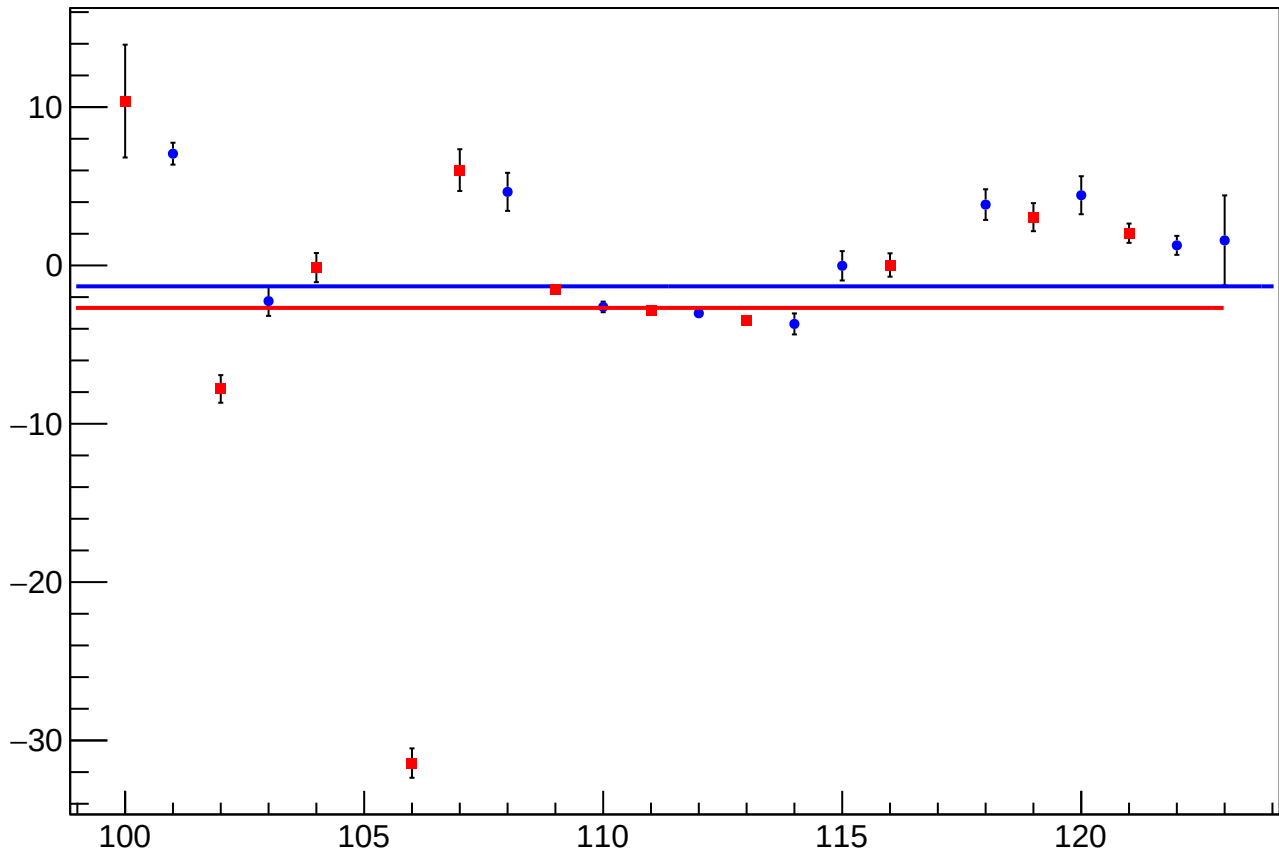
Right: -0.249 ± 0.009 χ^2/NDF : 405.8/21

In: -0.214 ± 0.013 χ^2/NDF : 126.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.249 ± 0.009 χ^2/NDF : 405.8/21

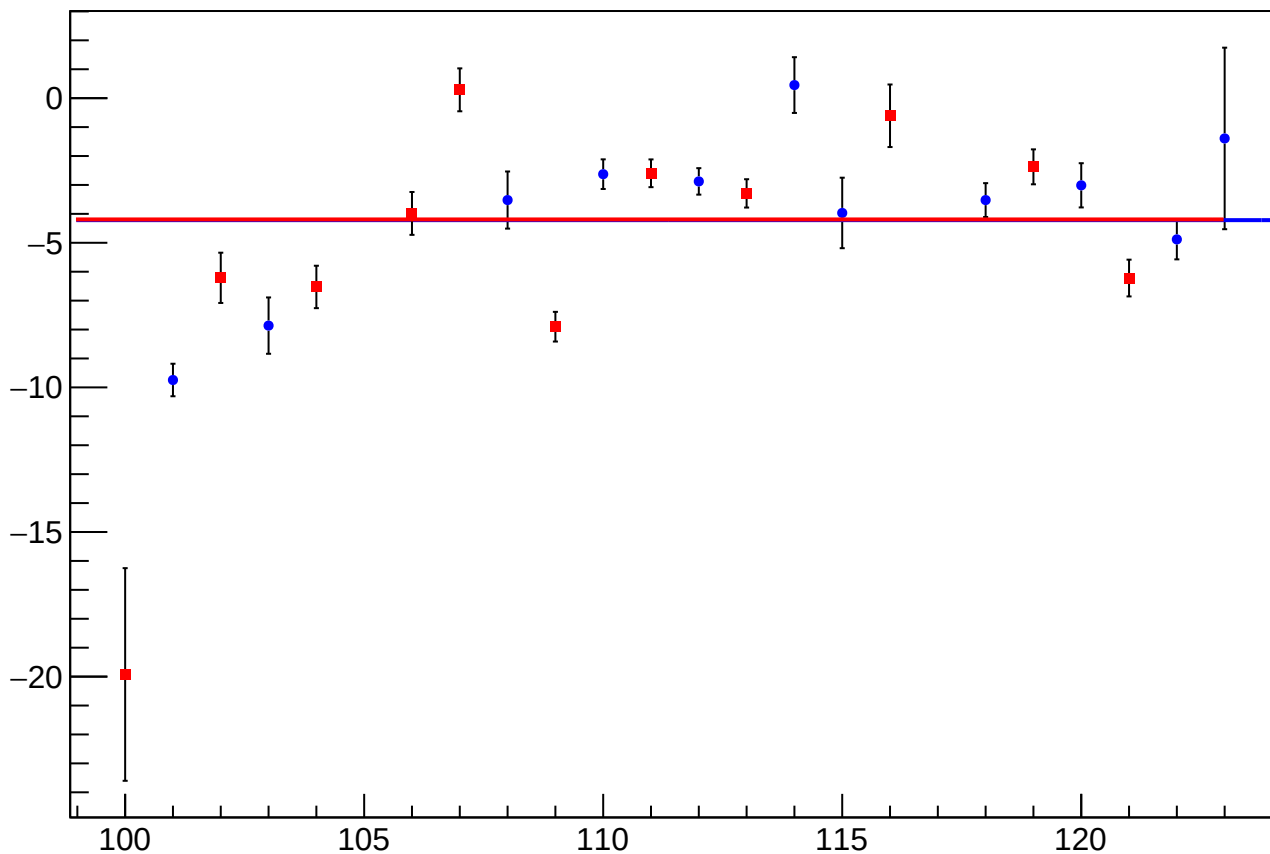
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.320+/-0.172 χ^2/NDF : 311.4/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.682+/-0.148 χ^2/NDF : 1195.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.100+/-0.112 χ^2/NDF : 1543.5/21
 In: -1.320+/-0.172 χ^2/NDF : 311.4/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.100+/-0.112 χ^2/NDF : 1543.5/21

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.217+/-0.211 χ^2/NDF : 158.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.193+/-0.199 χ^2/NDF : 167.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

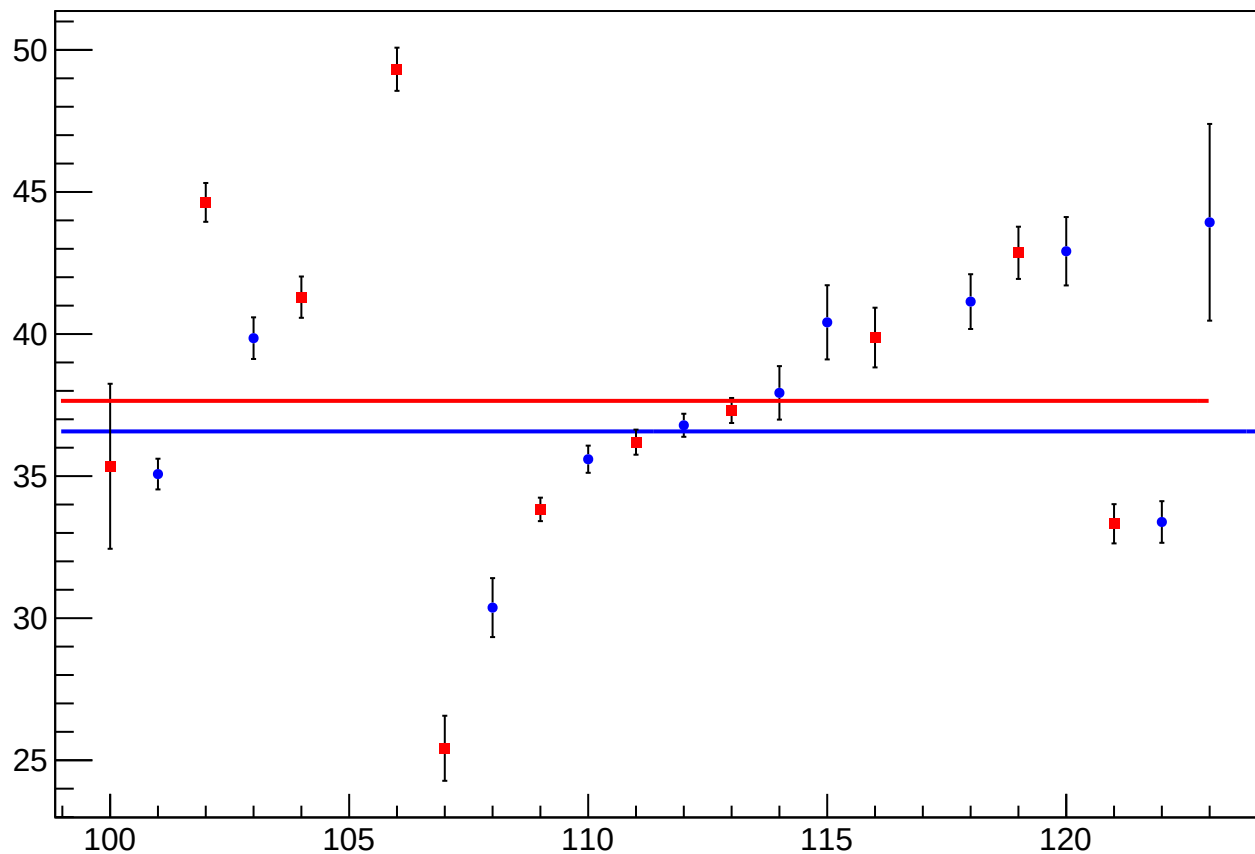
Right: -4.204+/-0.145 χ^2/NDF : 325.9/21

In: -4.217+/-0.211 χ^2/NDF : 158.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.204+/-0.145 χ^2/NDF : 325.9/21

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.573+/-0.213 χ^2/NDF : 152.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.648+/-0.192 χ^2/NDF : 653.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

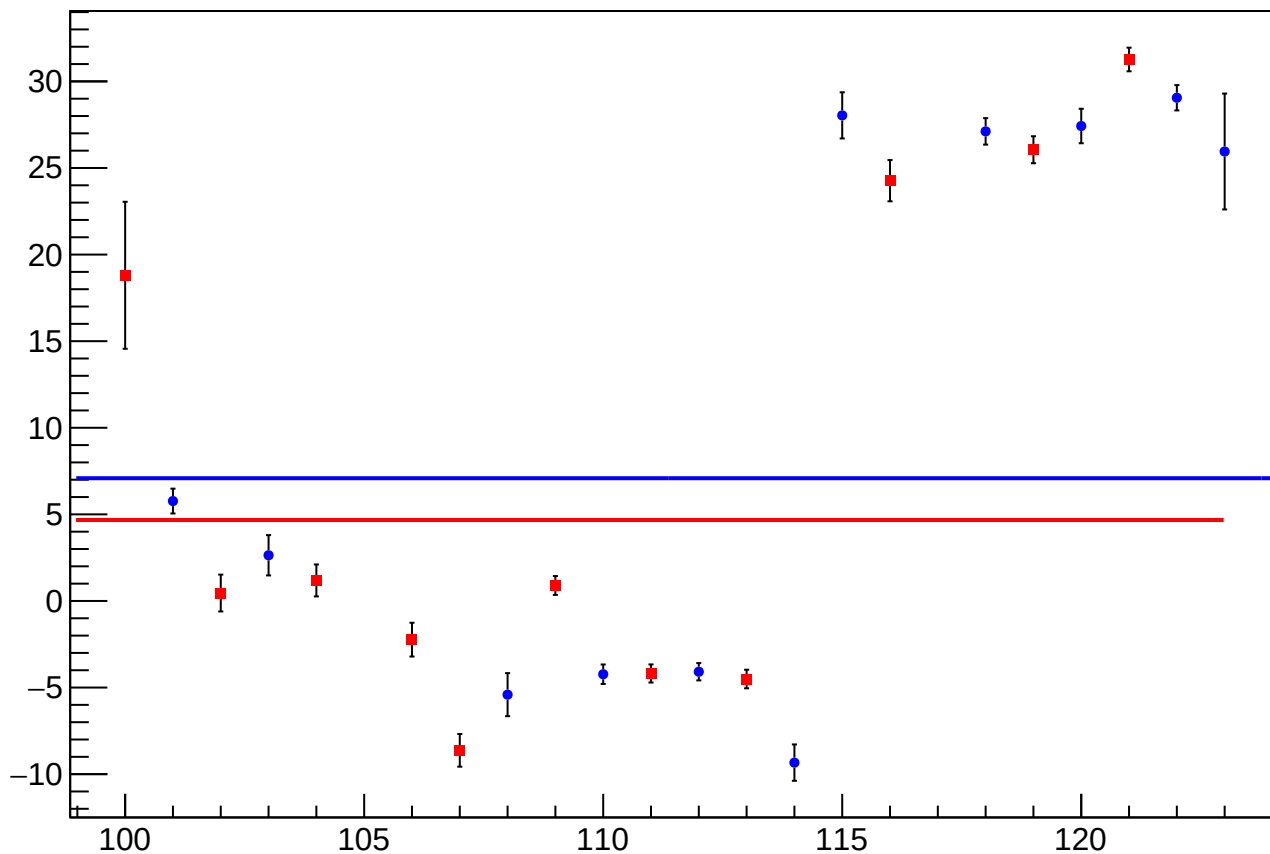
Right: 37.164+/-0.143 χ^2/NDF : 819.6/21

In: 36.573+/-0.213 χ^2/NDF : 152.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.164+/-0.143 χ^2/NDF : 819.6/21

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.087+/-0.245 χ^2/NDF : 3553.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.674+/-0.228 χ^2/NDF : 3462.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

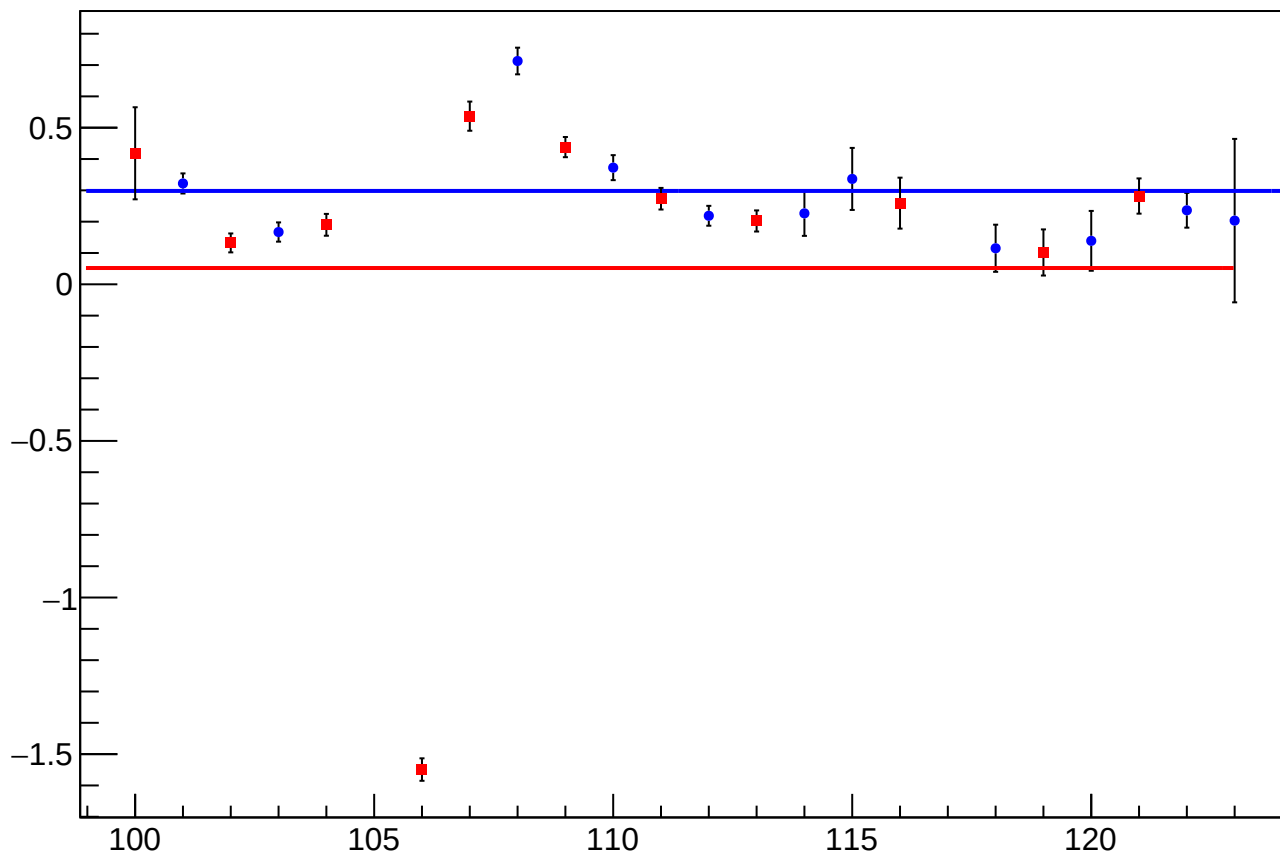
Right: 5.792+/-0.167 χ^2/NDF : 7067.2/21

In: 7.087+/-0.245 χ^2/NDF :3553.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.792+/-0.167 χ^2/NDF : 7067.2/21

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298 $\pm$ 0.014 χ^2 /NDF: 134.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.052 $\pm$ 0.012 χ^2 /NDF: 2358.4/10

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

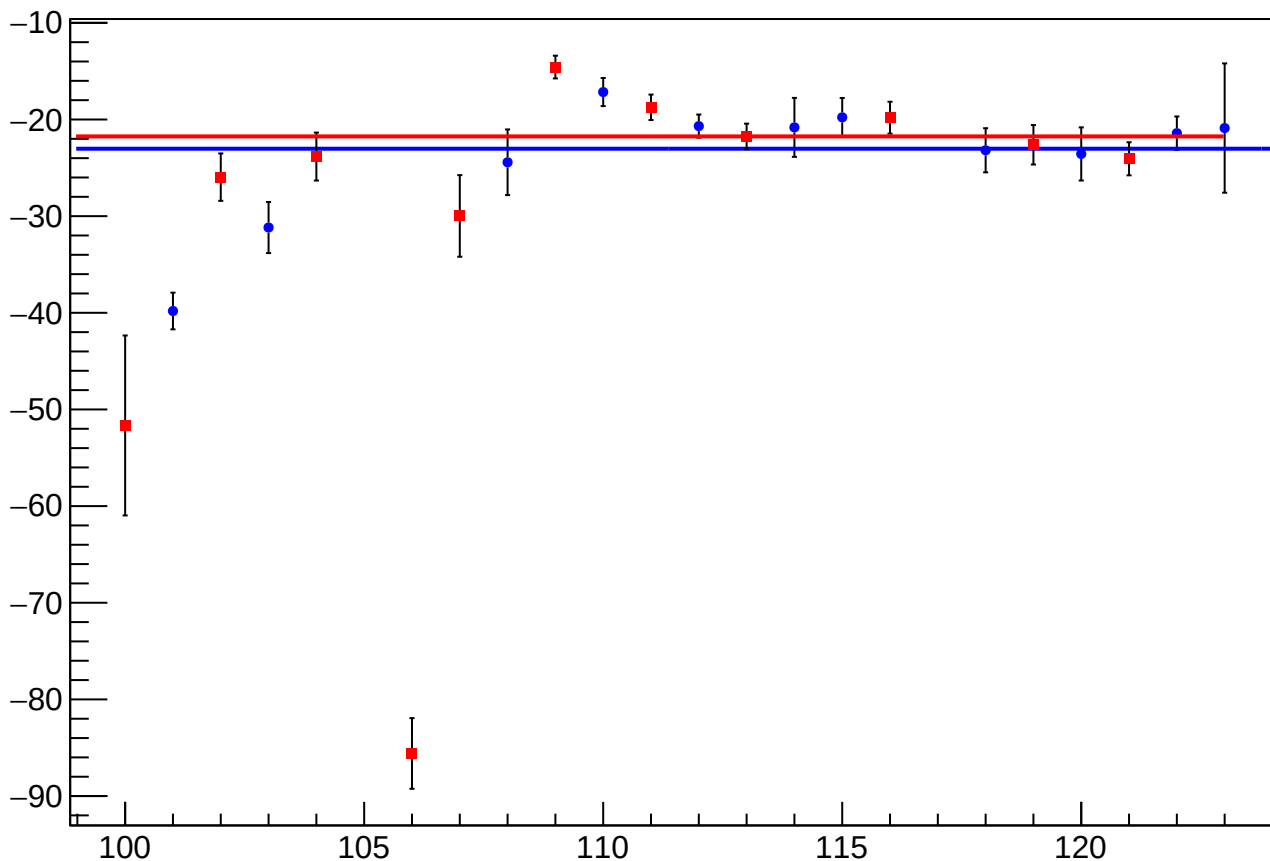
Right: 0.160 $\pm$ 0.009 χ^2 /NDF: 2667.1/21

In: 0.298 $\pm$ 0.014 χ^2 /NDF:134.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.160 $\pm$ 0.009 χ^2 /NDF: 2667.1/21

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.023+/-0.606 χ^2/NDF : 112.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.749+/-0.552 χ^2/NDF : 368.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

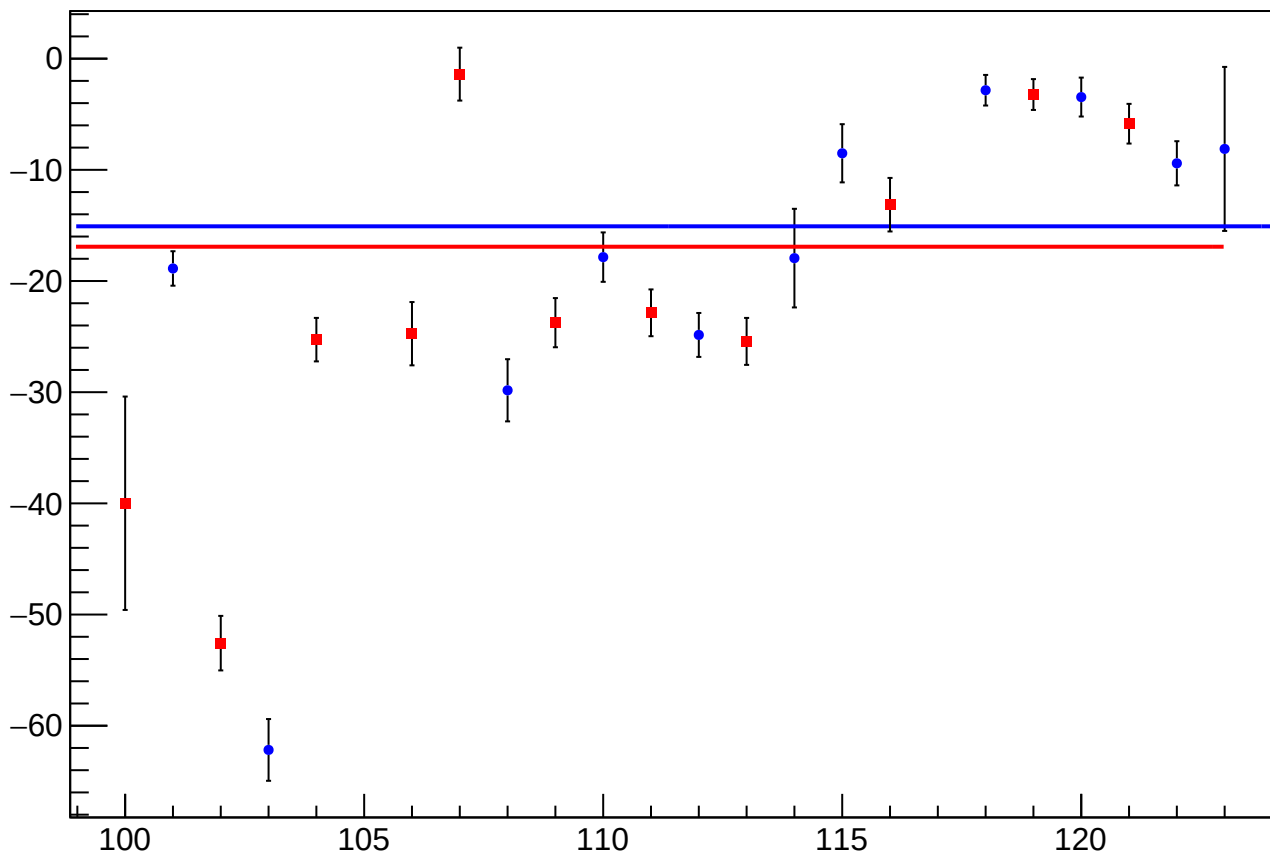
Right: -22.326+/-0.408 χ^2/NDF : 483.1/21

In: -23.023+/-0.606 χ^2/NDF : 112.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.326+/-0.408 χ^2/NDF : 483.1/21

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.081+/-0.638 χ^2/NDF : 486.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -16.915+/-0.646 χ^2/NDF : 457.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

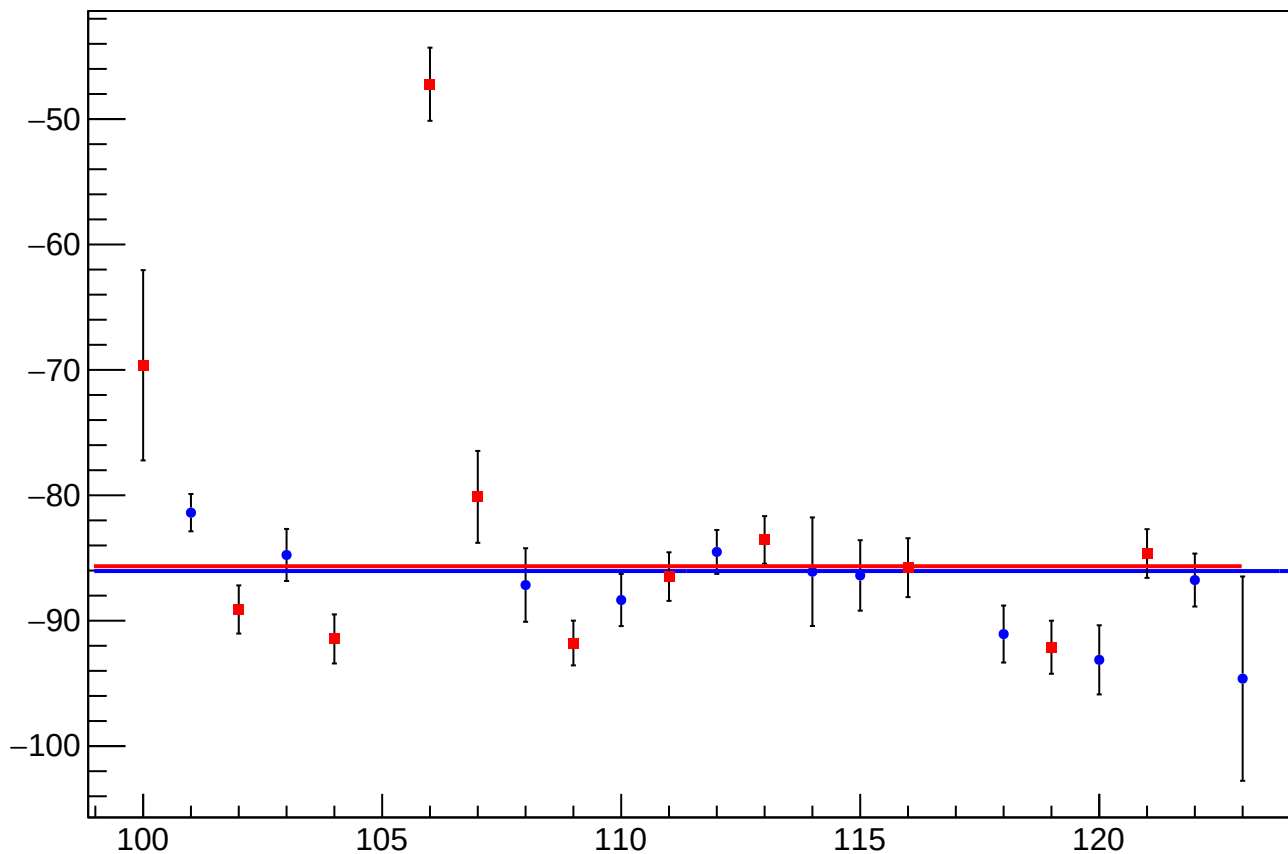
Right: -15.987+/-0.454 χ^2/NDF : 947.9/21

In: -15.081+/-0.638 χ^2/NDF :486.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -15.987+/-0.454 χ^2/NDF : 947.9/21

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.041 $\pm$ 0.689 χ^2 /NDF: 25.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.655 $\pm$ 0.664 χ^2 /NDF: 215.2/10

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

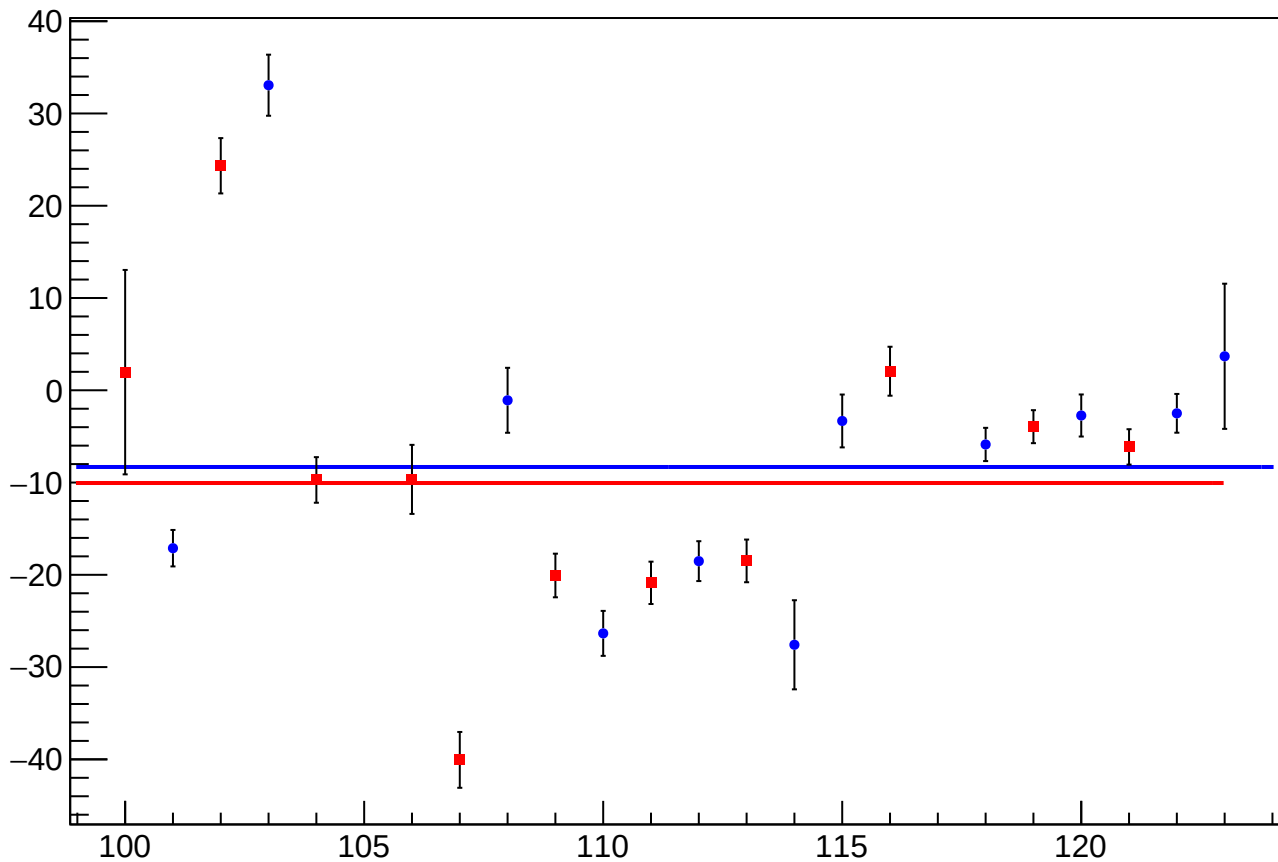
Right: -85.840 $\pm$ 0.478 χ^2 /NDF: 240.4/21

In: -86.041 $\pm$ 0.689 χ^2 /NDF: 25.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.840 $\pm$ 0.478 χ^2 /NDF: 240.4/21

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.314+/-0.763 χ^2 /NDF: 294.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.050+/-0.757 χ^2 /NDF: 321.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

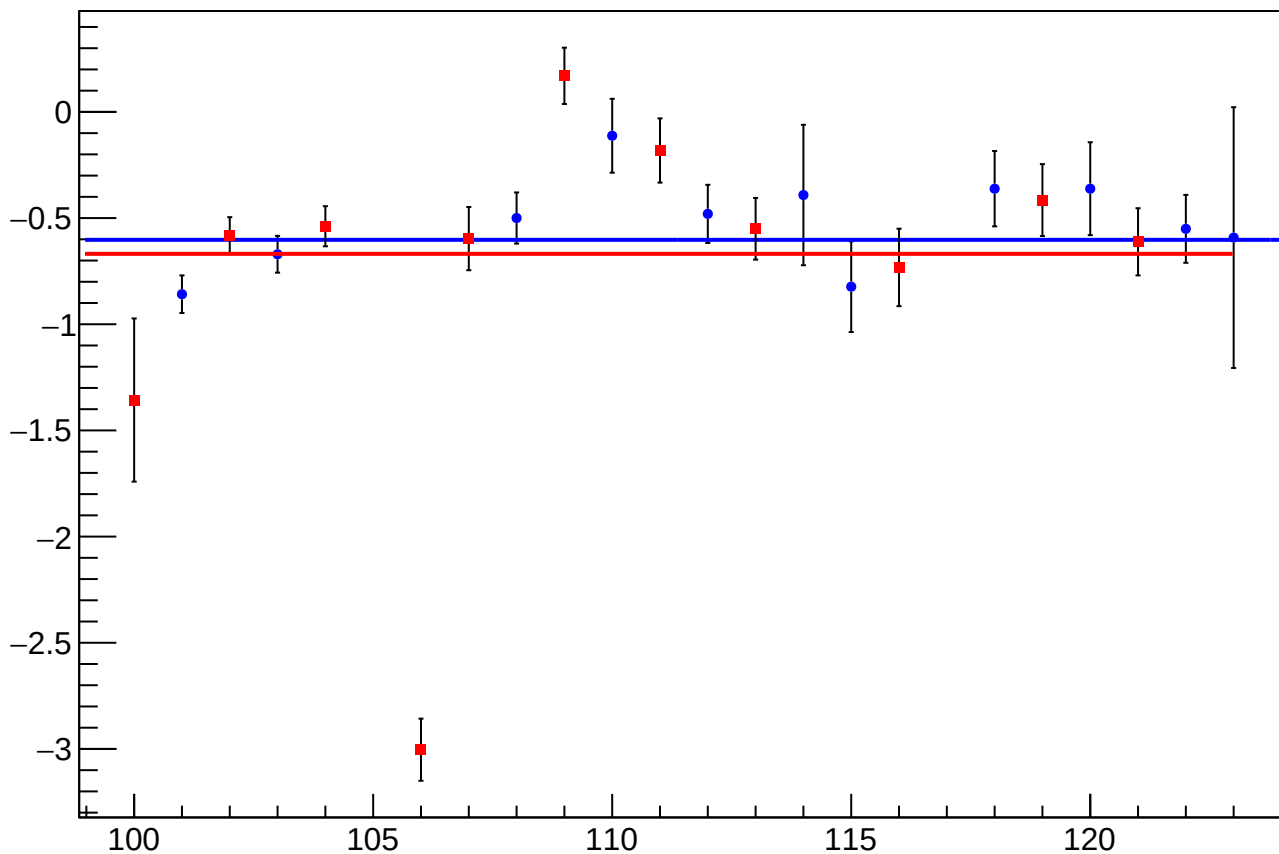
Right: -9.189+/-0.537 χ^2 /NDF: 618.0/21

In: -8.314+/-0.763 χ^2 /NDF:294.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.189+/-0.537 χ^2 /NDF: 618.0/21

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.602 ± 0.043 χ^2/NDF : 23.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.668 ± 0.041 χ^2/NDF : 314.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

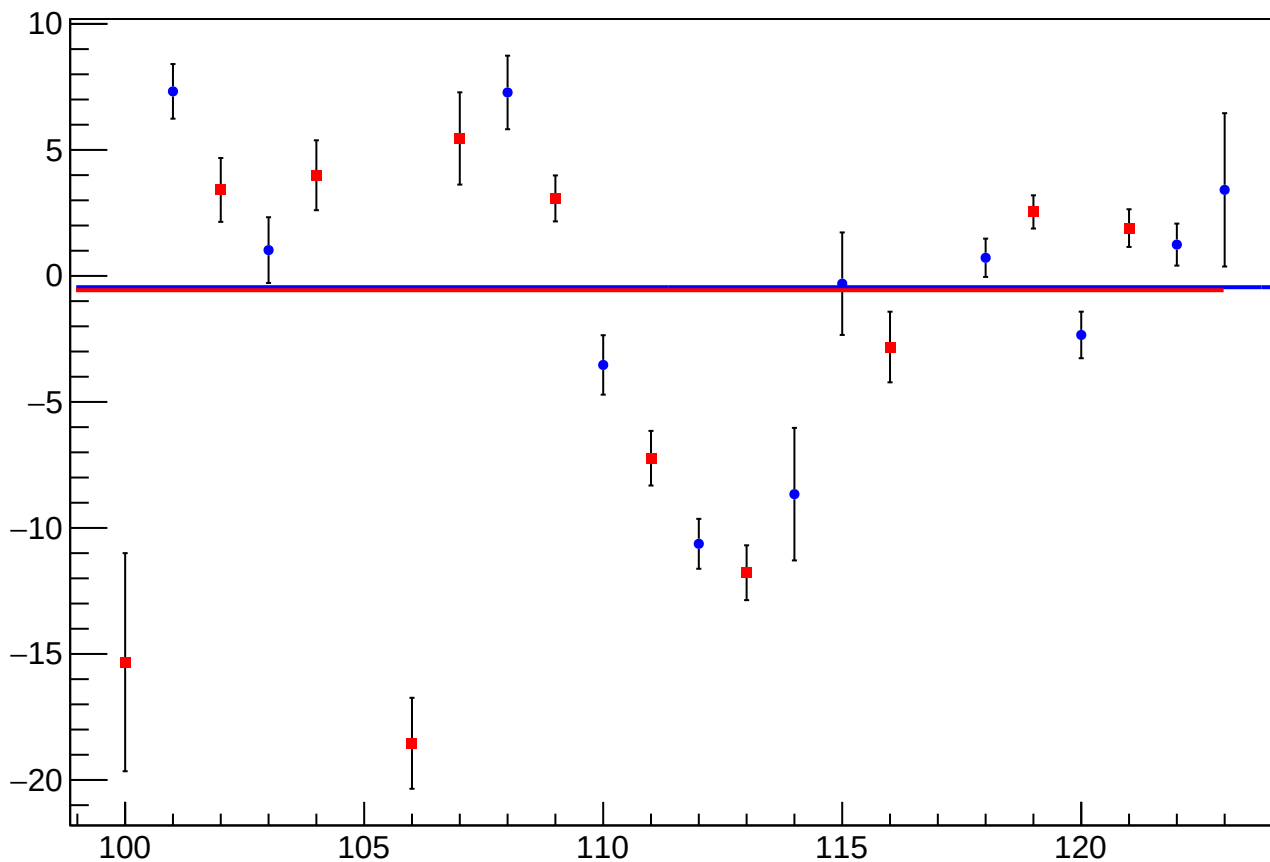
Right: -0.637 ± 0.030 χ^2/NDF : 338.7/21

In: -0.602 ± 0.043 χ^2/NDF : 23.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.637 ± 0.030 χ^2/NDF : 338.7/21

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.447+/-0.343 χ^2/NDF : 215.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.567+/-0.328 χ^2/NDF : 337.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

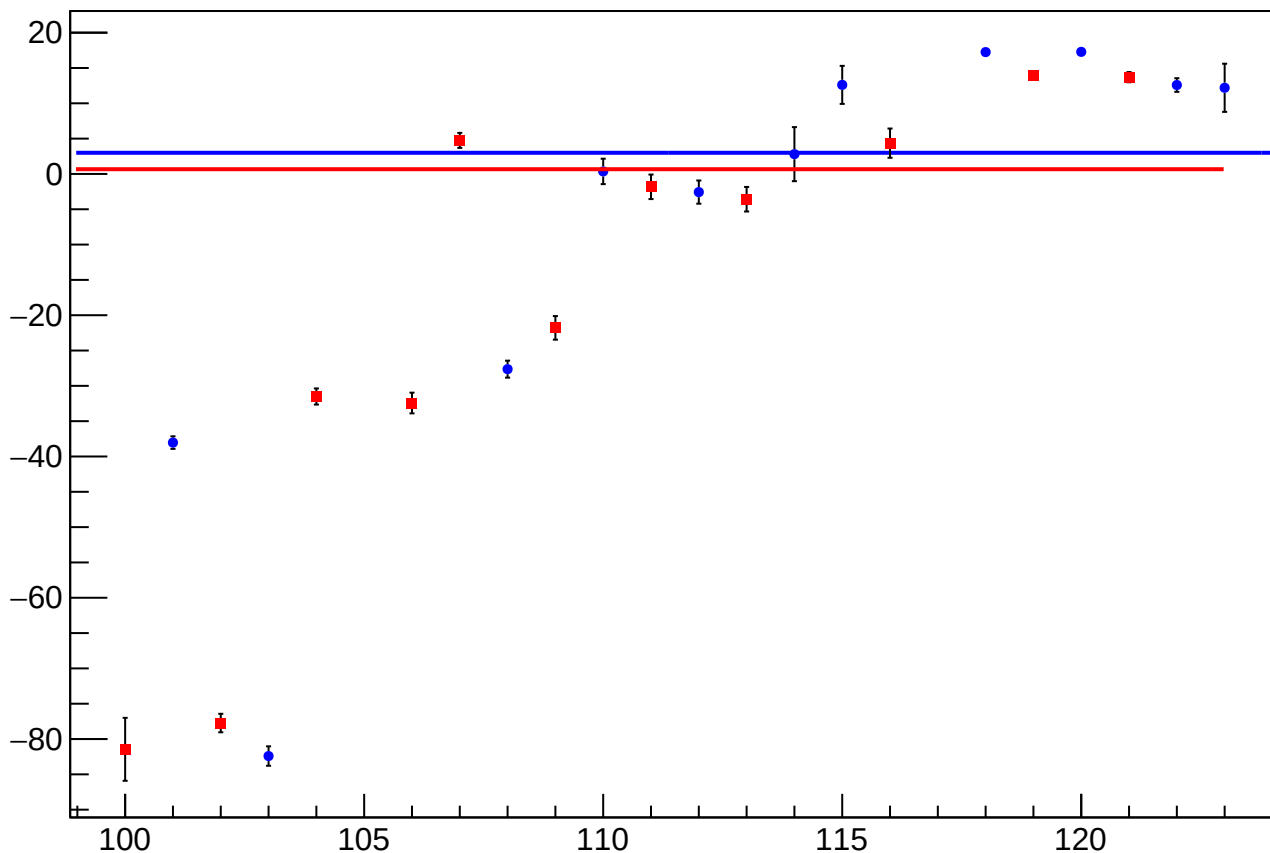
Right: -0.510+/-0.237 χ^2/NDF : 553.3/21

In: -0.447+/-0.343 χ^2/NDF : 215.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.510+/-0.237 χ^2/NDF : 553.3/21

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.997+/-0.287 χ^2/NDF : 8311.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.670+/-0.298 χ^2/NDF : 6700.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

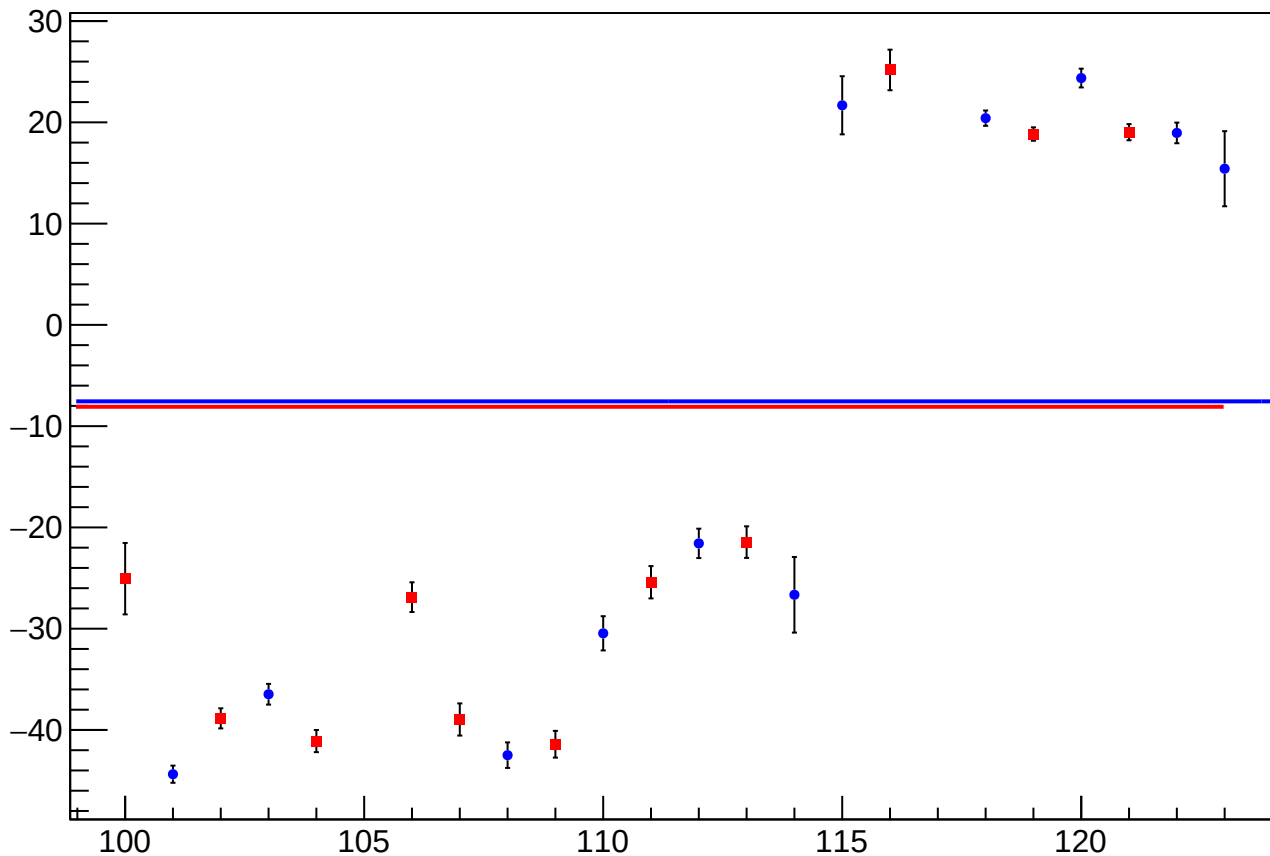
Right: 1.876+/-0.207 χ^2/NDF : 15043.9/21

In: 2.997+/-0.287 χ^2/NDF :8311.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.876+/-0.207 χ^2/NDF : 15043.9/21

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.552 ± 0.355 χ^2/NDF : 7126.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.085 ± 0.348 χ^2/NDF : 6353.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

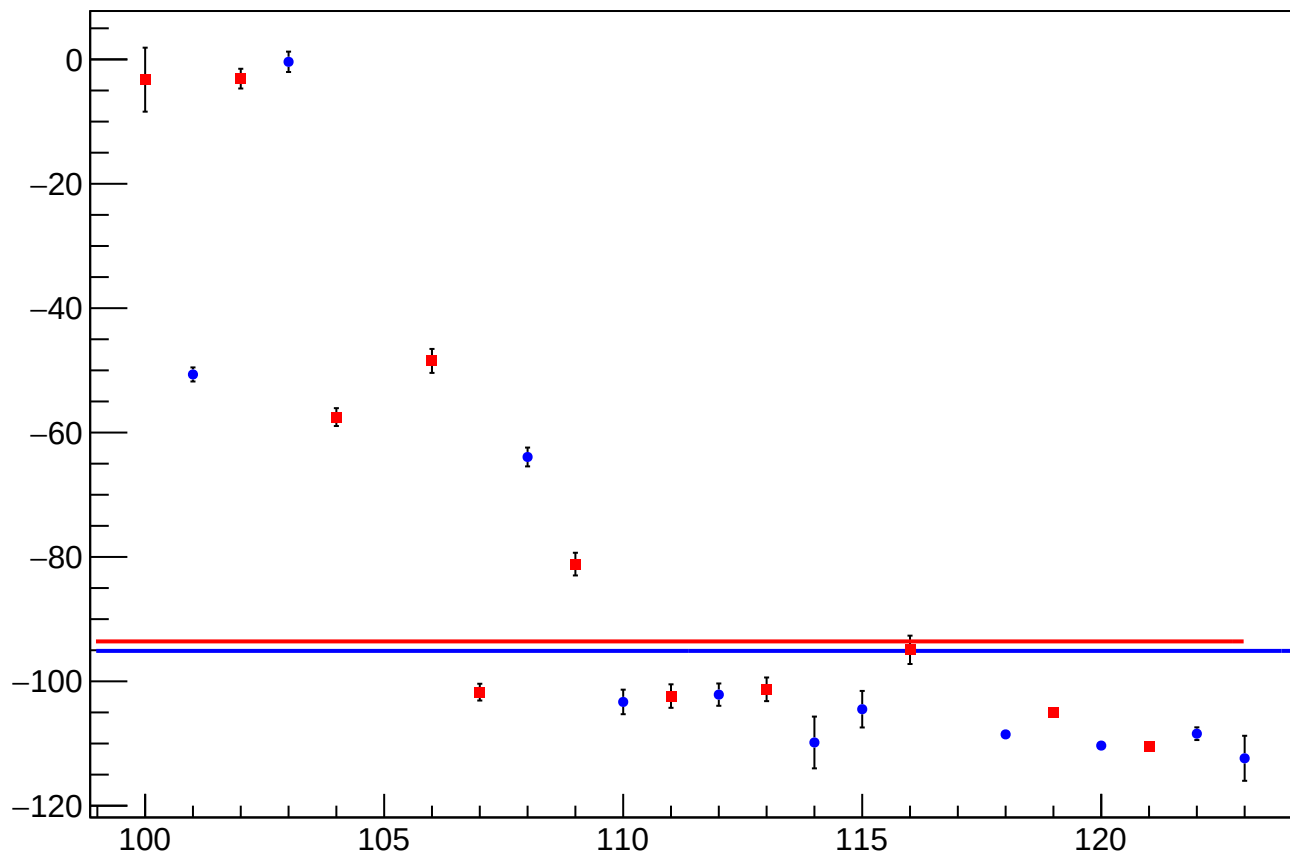
Right: -7.824 ± 0.248 χ^2/NDF : 13481.6/21

In: -7.552 ± 0.355 χ^2/NDF : 7126.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.824 ± 0.248 χ^2/NDF : 13481.6/21

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.106+/-0.357 χ^2/NDF : 6453.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.580+/-0.363 χ^2/NDF : 5734.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

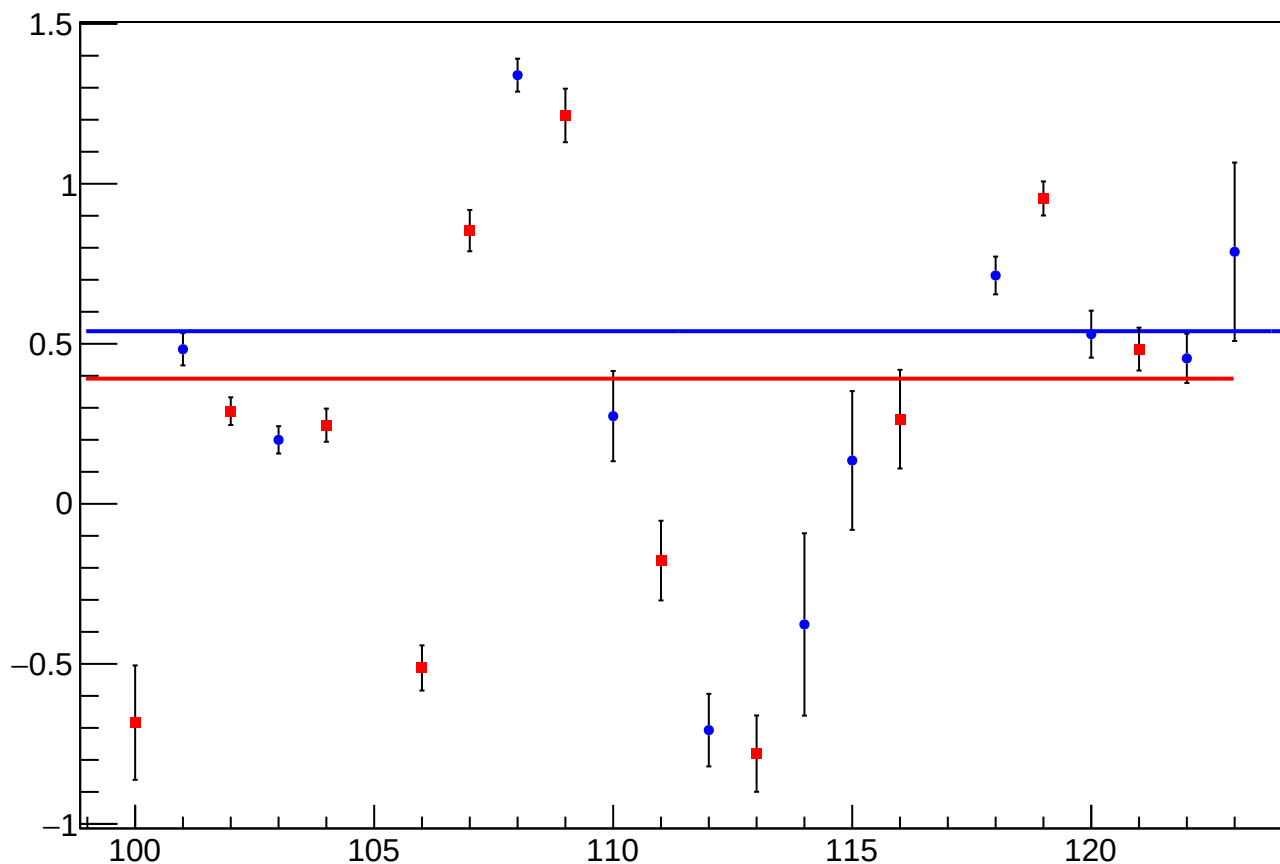
Right: -94.357+/-0.255 χ^2/NDF : 12196.1/21

In: -95.106+/-0.357 χ^2/NDF : 6453.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.357+/-0.255 χ^2/NDF : 12196.1/21

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.539+/-0.022 χ^2/NDF : 454.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.391+/-0.021 χ^2/NDF : 593.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

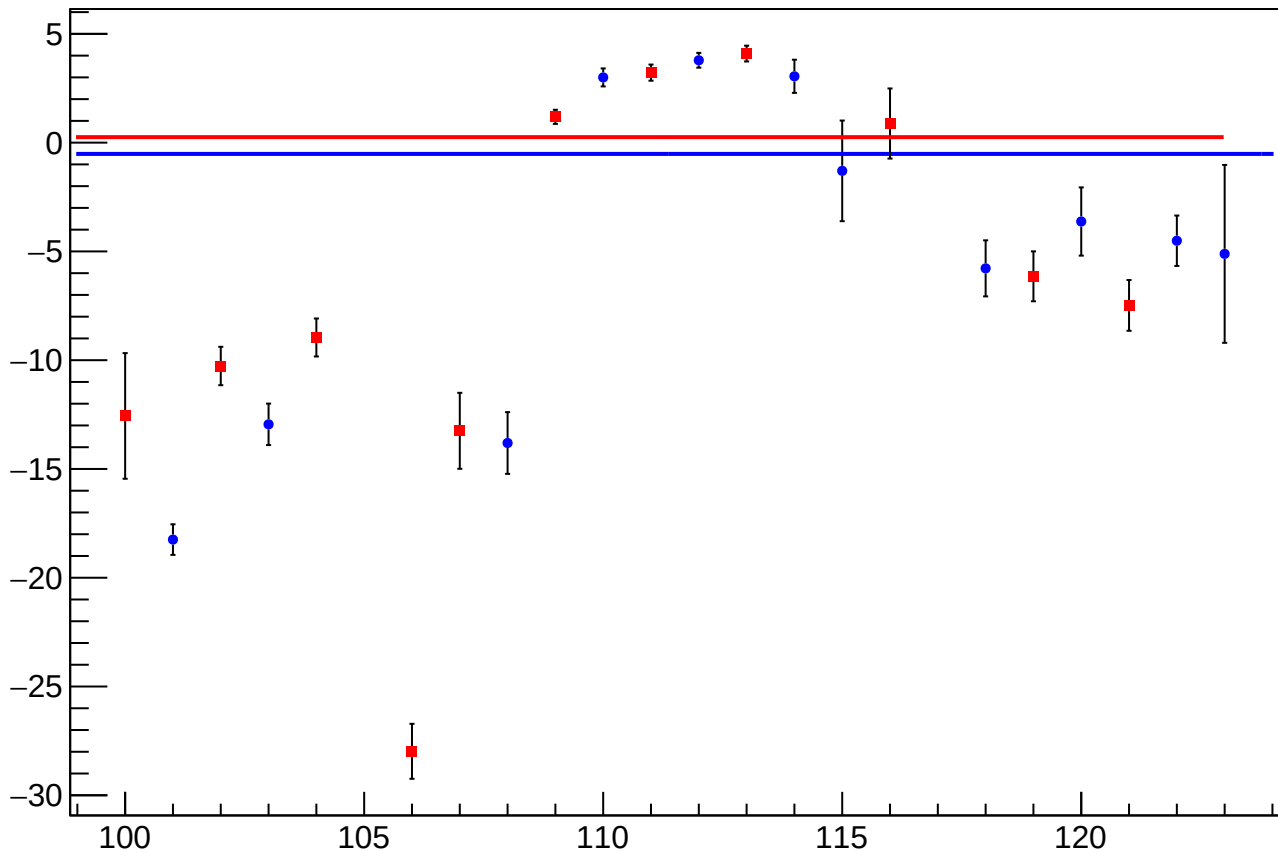
Right: 0.463+/-0.015 χ^2/NDF : 1072.4/21

In: 0.539+/-0.022 χ^2/NDF : 454.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.463+/-0.015 χ^2/NDF : 1072.4/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.518+/-0.214 χ^2/NDF : 1180.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.252+/-0.183 χ^2/NDF : 1091.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

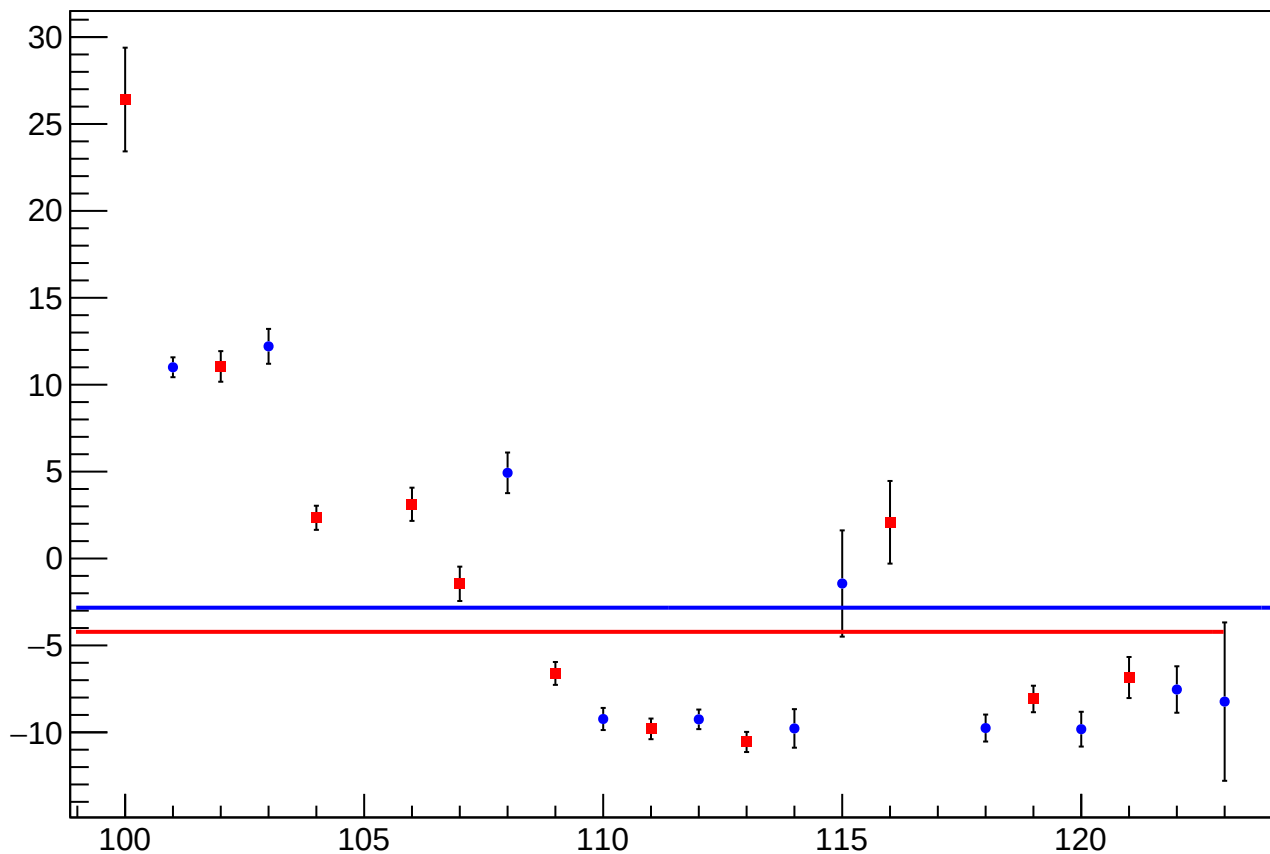
Right: -0.073+/-0.139 χ^2/NDF : 2279.7/21

In: -0.518+/-0.214 χ^2/NDF :1180.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.073+/-0.139 χ^2/NDF : 2279.7/21

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.830 ± 0.262 χ^2/NDF : 1267.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.219 ± 0.247 χ^2/NDF : 821.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

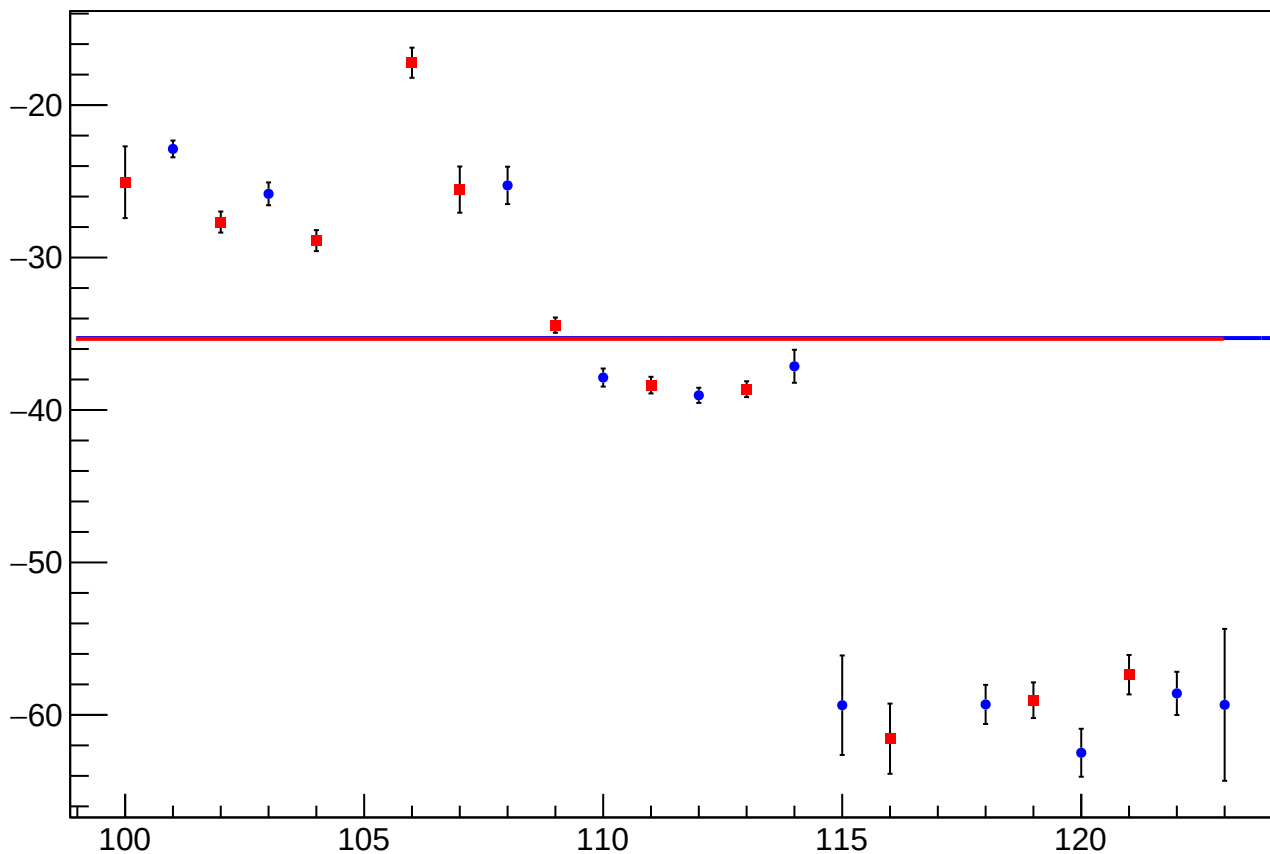
Right: -3.563 ± 0.180 χ^2/NDF : 2103.5/21

In: -2.830 ± 0.262 χ^2/NDF : 1267.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.563 ± 0.180 χ^2/NDF : 2103.5/21

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.282 $\pm$ 0.257 χ^2 /NDF: 1812.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.333 $\pm$ 0.233 χ^2 /NDF: 1512.2/10

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

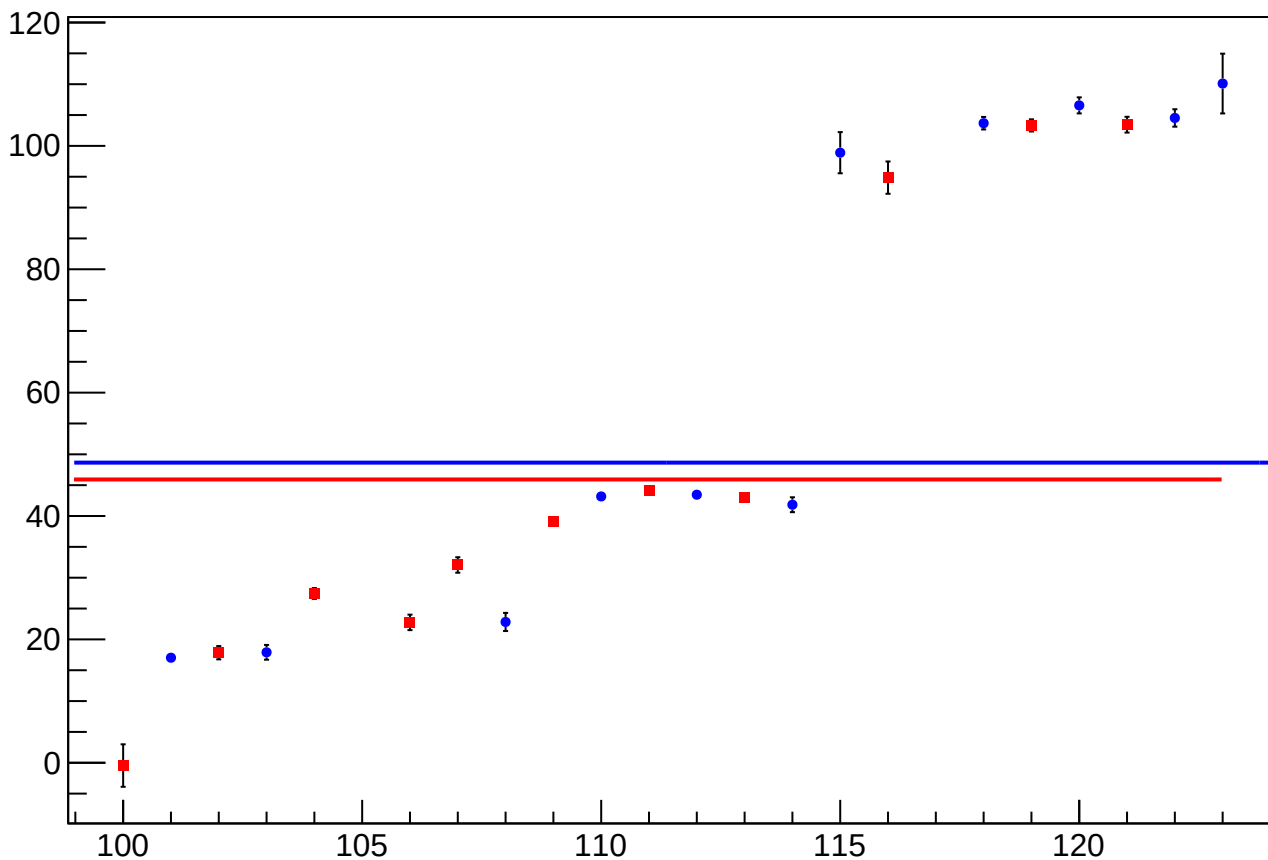
Right: -35.310 $\pm$ 0.173 χ^2 /NDF: 3325.1/21

In: -35.282 $\pm$ 0.257 χ^2 /NDF:1812.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.310 $\pm$ 0.173 χ^2 /NDF: 3325.1/21

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.655+/-0.307 χ^2/NDF : 9887.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.925+/-0.285 χ^2/NDF : 7652.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

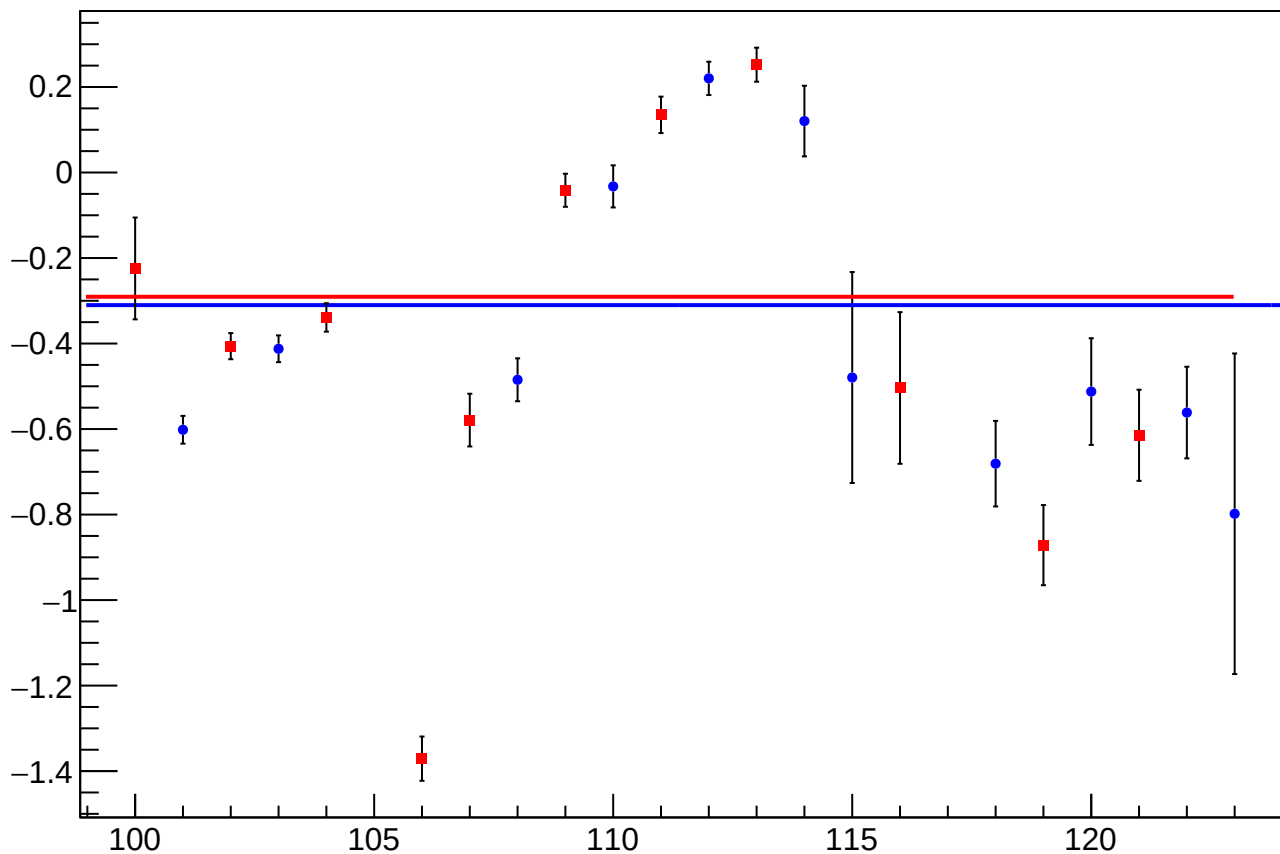
Right: 47.192+/-0.209 χ^2/NDF : 17582.2/21

In: 48.655+/-0.307 χ^2/NDF : 9887.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.192+/-0.209 χ^2/NDF : 17582.2/21

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.310+/-0.016 χ^2/NDF : 371.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.291+/-0.014 χ^2/NDF : 850.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

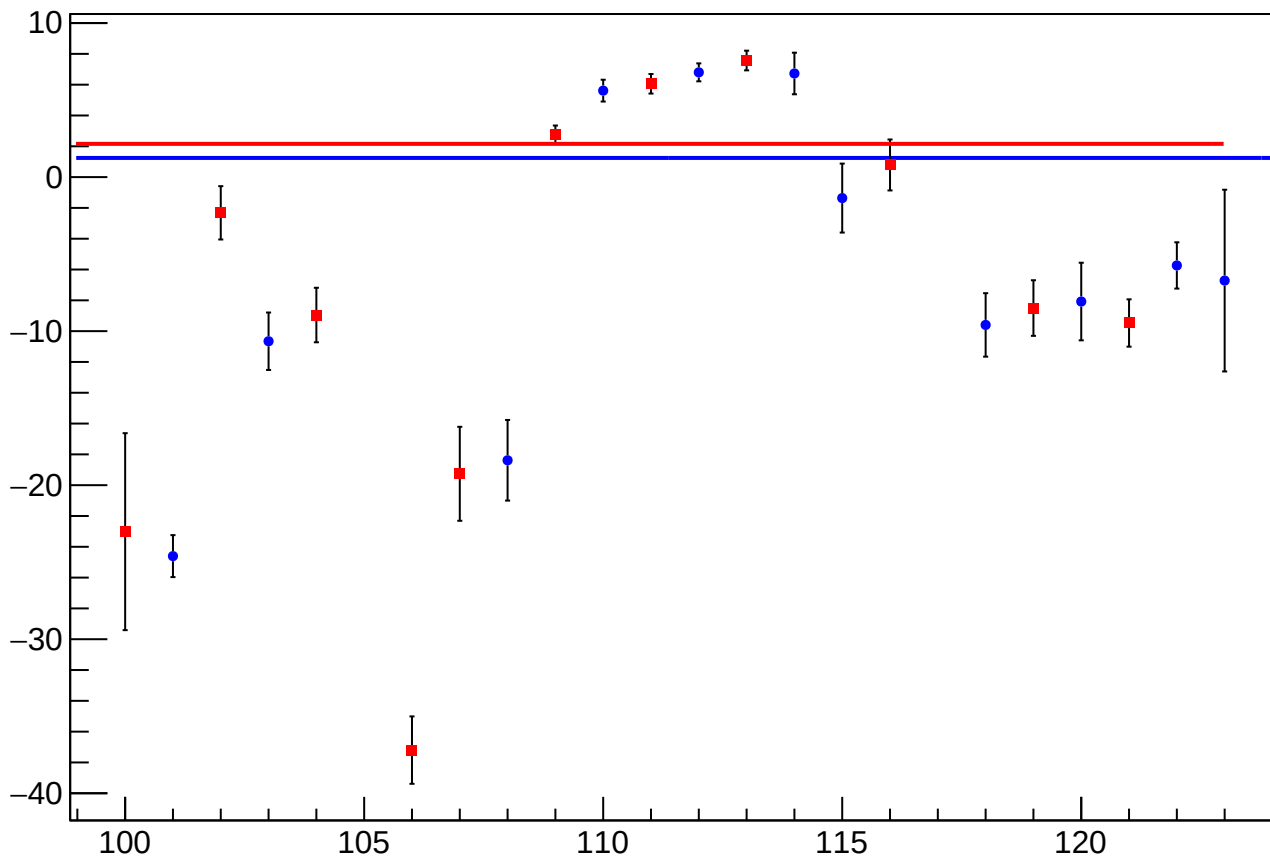
Right: -0.299+/-0.011 χ^2/NDF : 1223.1/21

In: -0.310+/-0.016 χ^2/NDF :371.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.299+/-0.011 χ^2/NDF : 1223.1/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.245+/-0.365 χ^2/NDF : 668.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.159+/-0.314 χ^2/NDF : 638.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

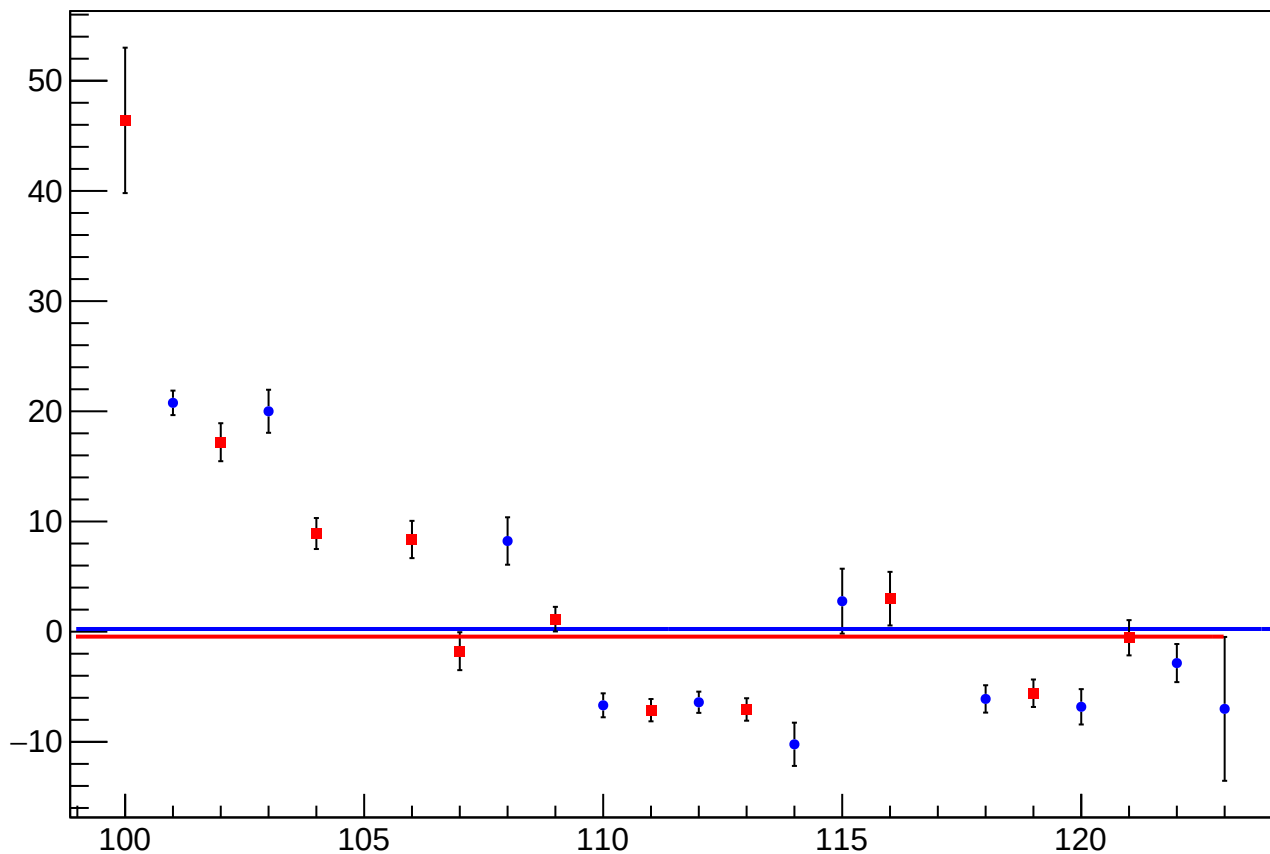
Right: 1.769+/-0.238 χ^2/NDF : 1310.3/21

In: 1.245+/-0.365 χ^2/NDF : 668.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.769+/-0.238 χ^2/NDF : 1310.3/21

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.244+/-0.448 χ^2/NDF : 624.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.449+/-0.426 χ^2/NDF : 334.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

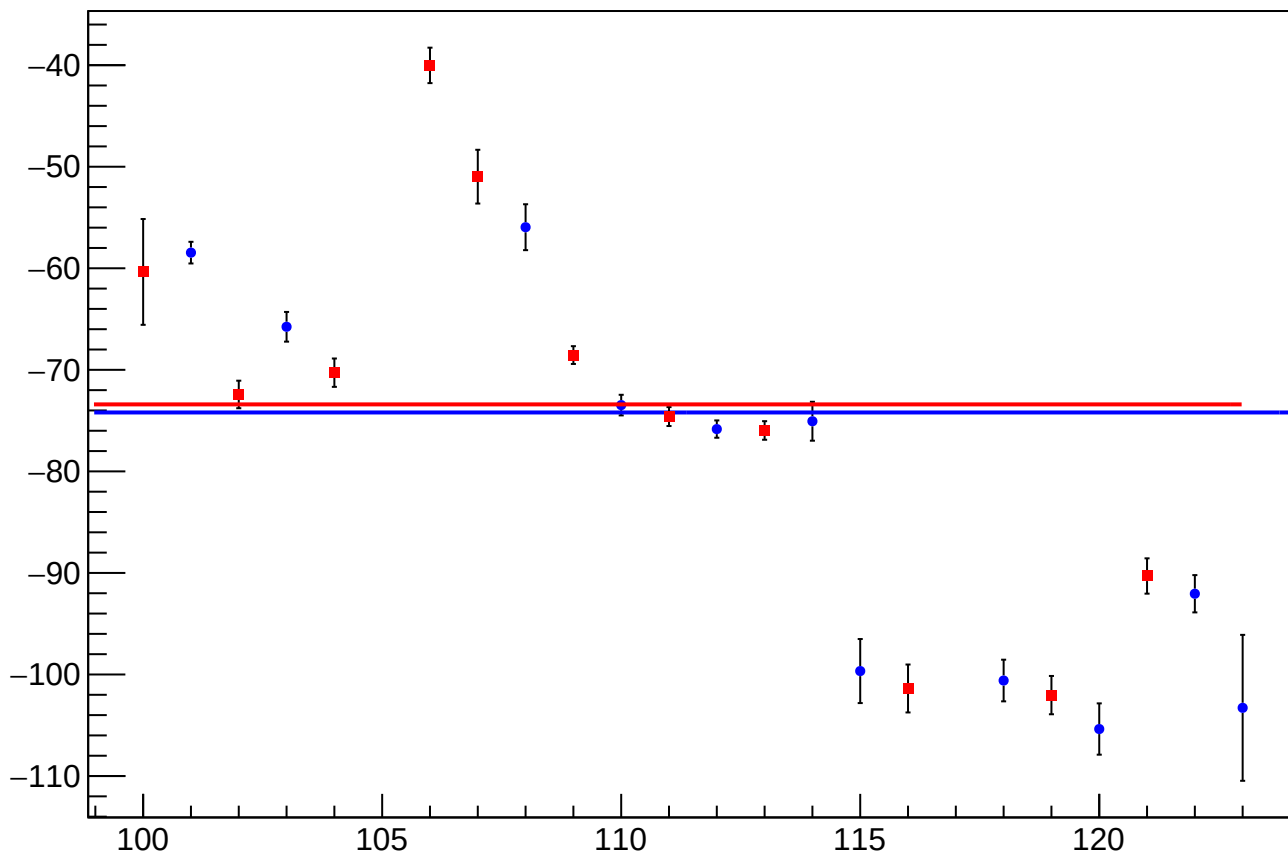
Right: -0.120+/-0.309 χ^2/NDF : 959.8/21

In: 0.244+/-0.448 χ^2/NDF : 624.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.120+/-0.309 χ^2/NDF : 959.8/21

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.198+/-0.448 χ^2/NDF : 814.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -73.403+/-0.408 χ^2/NDF : 955.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

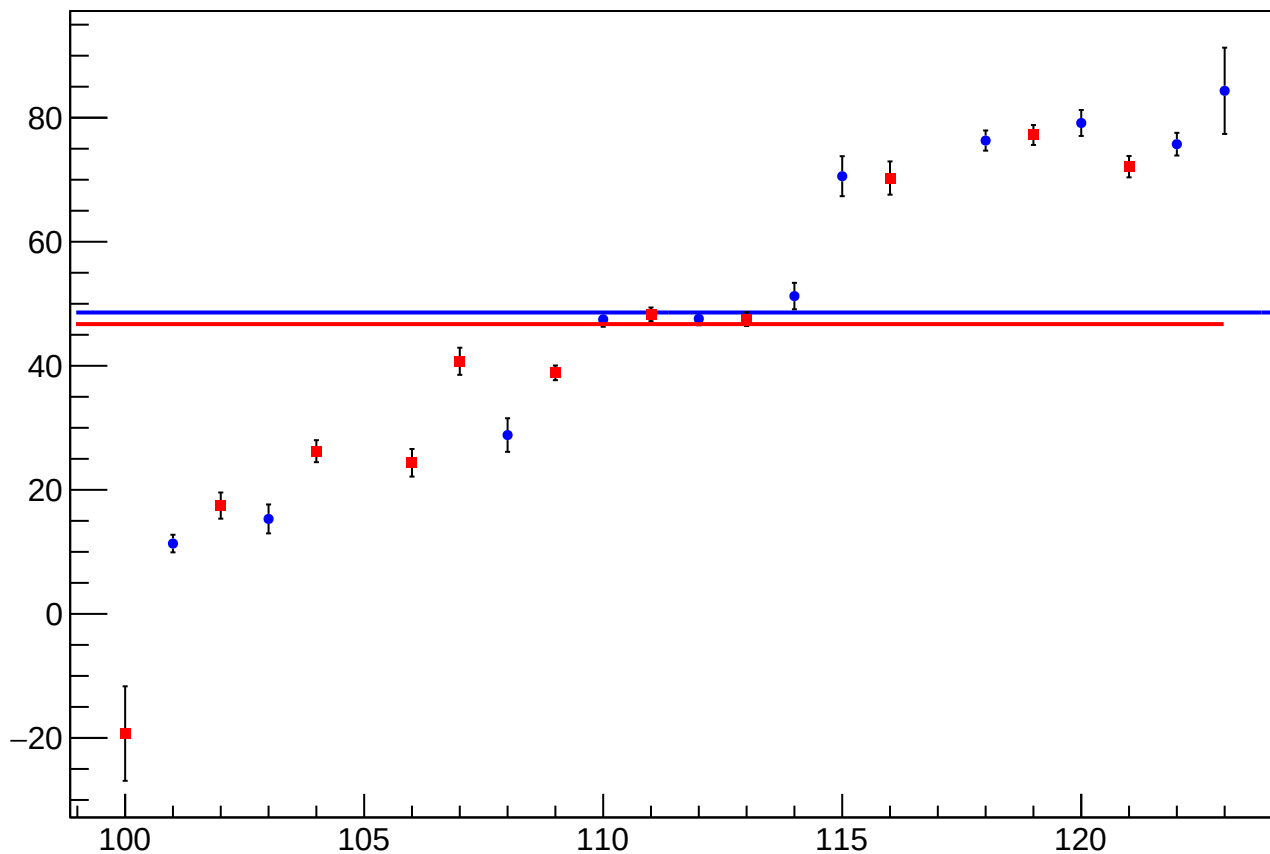
Right: -73.763+/-0.302 χ^2/NDF : 1771.7/21

In: -74.198+/-0.448 χ^2/NDF :814.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -73.763+/-0.302 χ^2/NDF : 1771.7/21

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.594+/-0.522 χ^2/NDF : 1749.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.722+/-0.489 χ^2/NDF : 1213.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

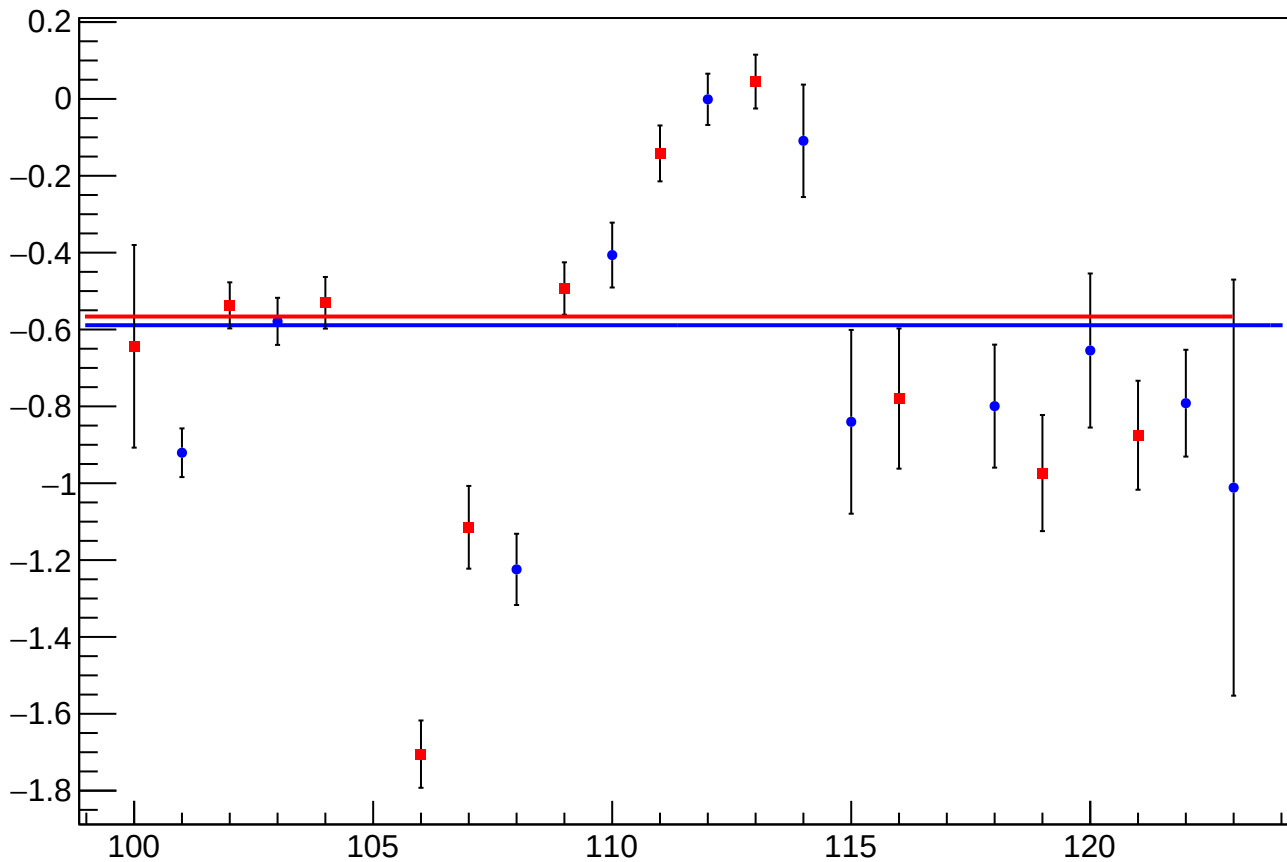
Right: 47.597+/-0.357 χ^2/NDF : 2969.1/21

In: 48.594+/-0.522 χ^2/NDF : 1749.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.597+/-0.357 χ^2/NDF : 2969.1/21

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.589 $\pm$ 0.029 χ^2 /NDF: 173.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.566 $\pm$ 0.026 χ^2 /NDF: 320.5/10

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

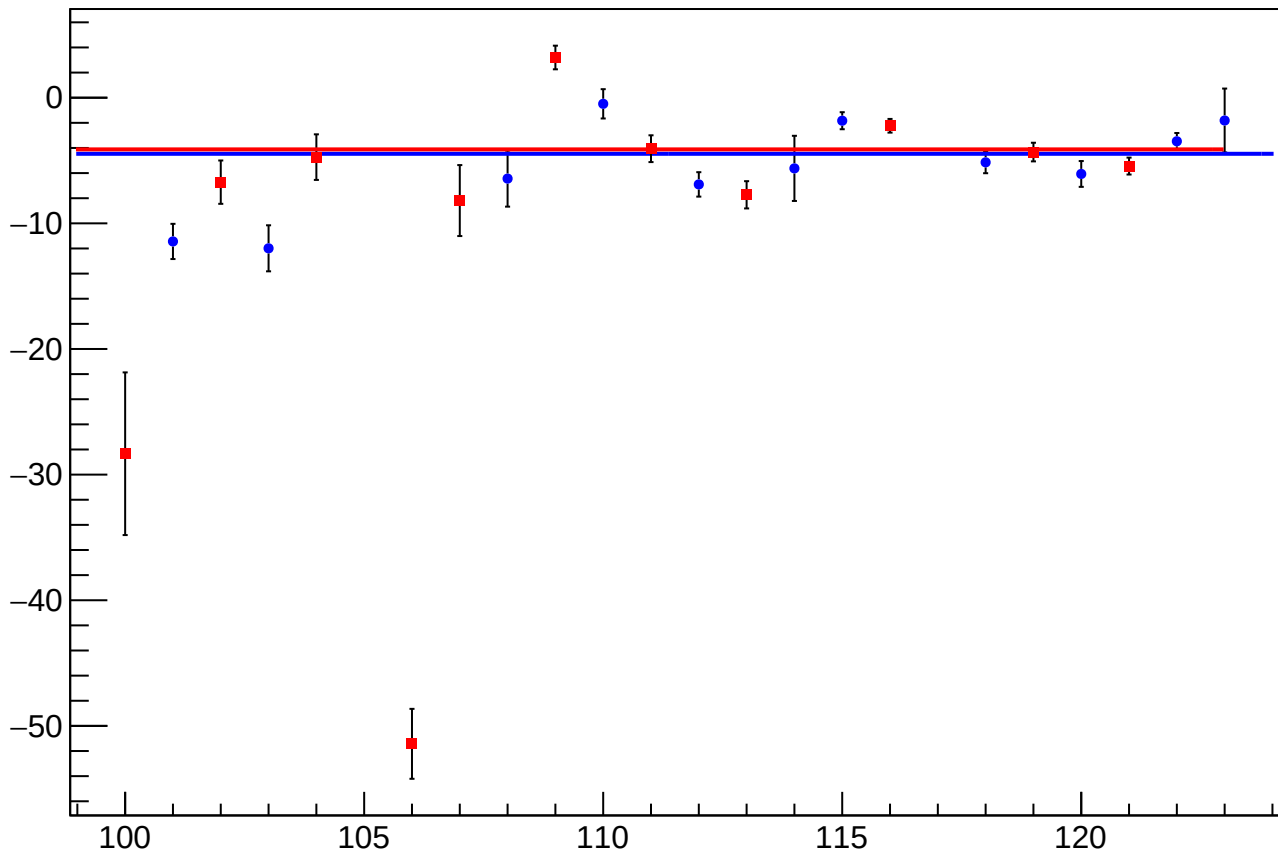
Right: -0.576 $\pm$ 0.019 χ^2 /NDF: 494.0/21

In: -0.589 $\pm$ 0.029 χ^2 /NDF:173.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.576 $\pm$ 0.019 χ^2 /NDF: 494.0/21

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.464 $\pm$ 0.318 χ^2 /NDF: 82.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.113 $\pm$ 0.299 χ^2 /NDF: 395.0/10

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

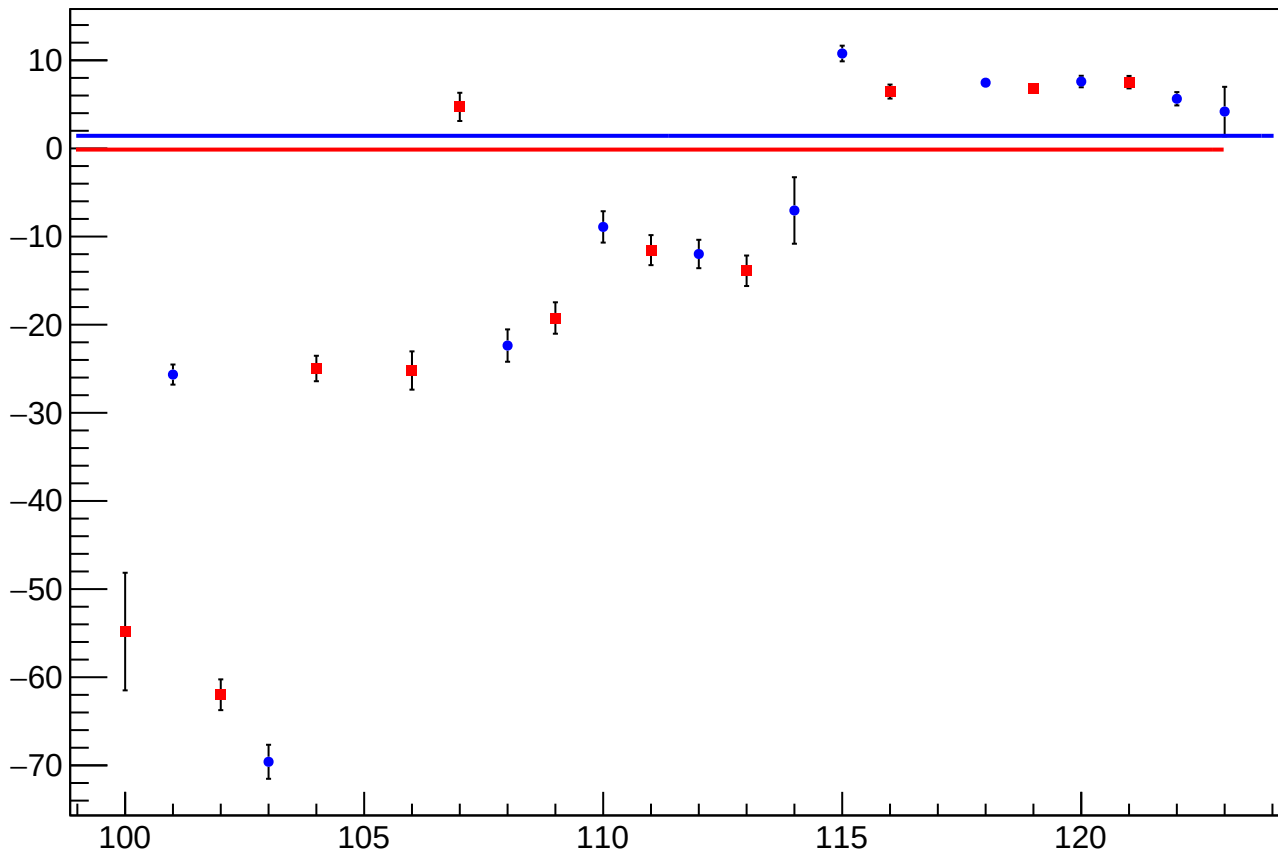
Right: -4.278 $\pm$ 0.218 χ^2 /NDF: 477.7/21

In: -4.464 $\pm$ 0.318 χ^2 /NDF:82.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.278 $\pm$ 0.218 χ^2 /NDF: 477.7/21

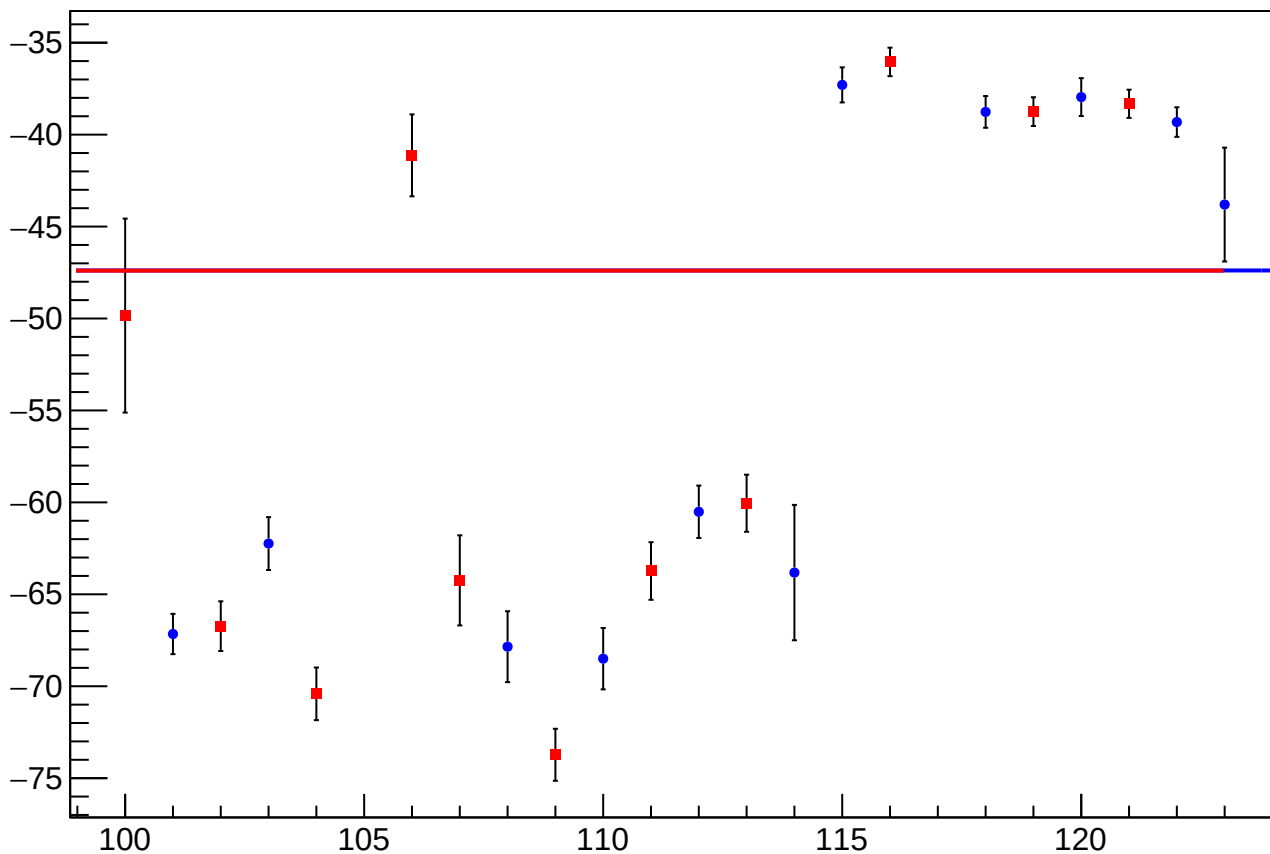
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.431+/-0.298 χ^2/NDF : 2557.6/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.132+/-0.320 χ^2/NDF : 2346.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.706+/-0.218 χ^2/NDF : 4916.4/21
 In: 1.431+/-0.298 χ^2/NDF : 2557.6/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.706+/-0.218 χ^2/NDF : 4916.4/21

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -47.387 ± 0.364 $\chi^2/\text{NDF}: 1207.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -47.397 ± 0.359 $\chi^2/\text{NDF}: 1517.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

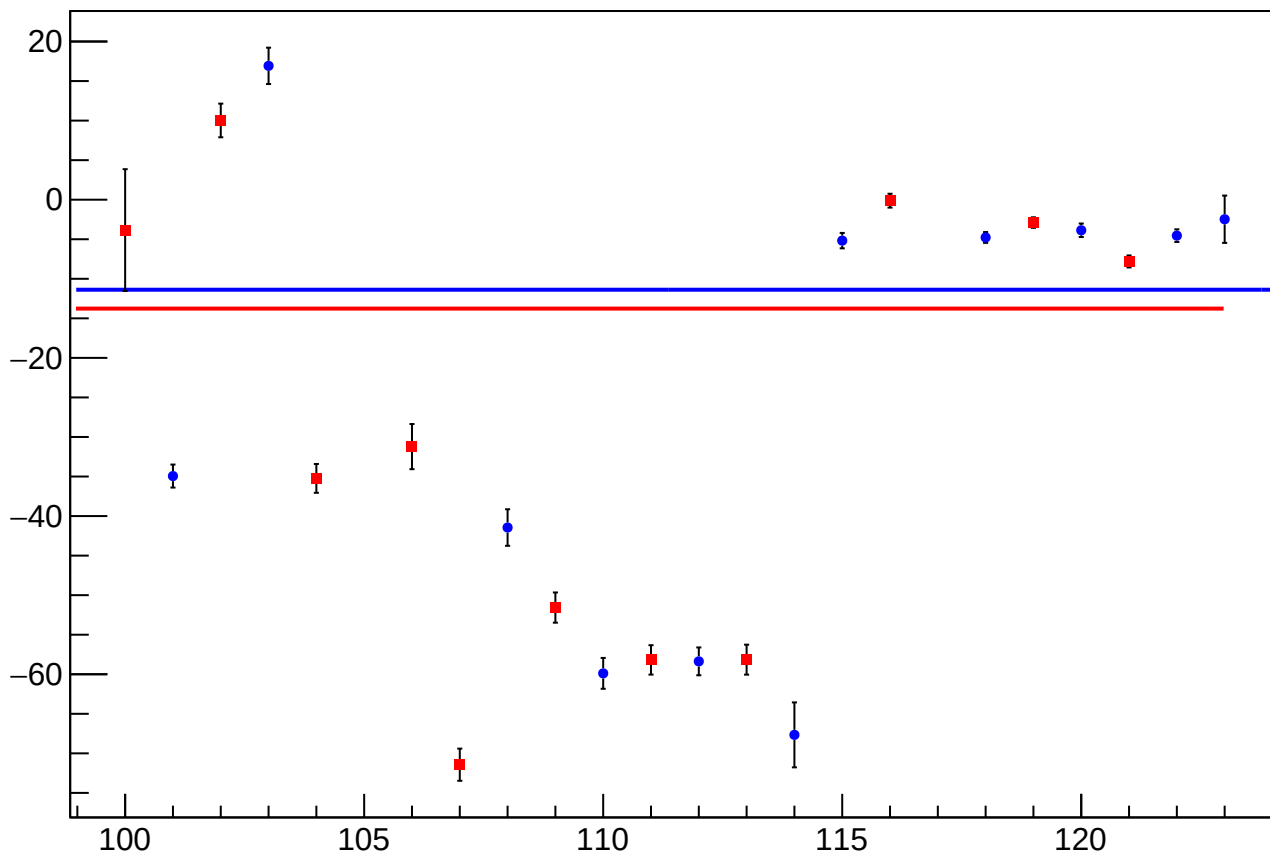
Right: -47.392 ± 0.256 $\chi^2/\text{NDF}: 2724.6/21$

In: -47.387 ± 0.364 $\chi^2/\text{NDF}: 1207.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.392 ± 0.256 $\chi^2/\text{NDF}: 2724.6/21$

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.381 ± 0.359 χ^2/NDF : 2397.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.769 ± 0.377 χ^2/NDF : 3190.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

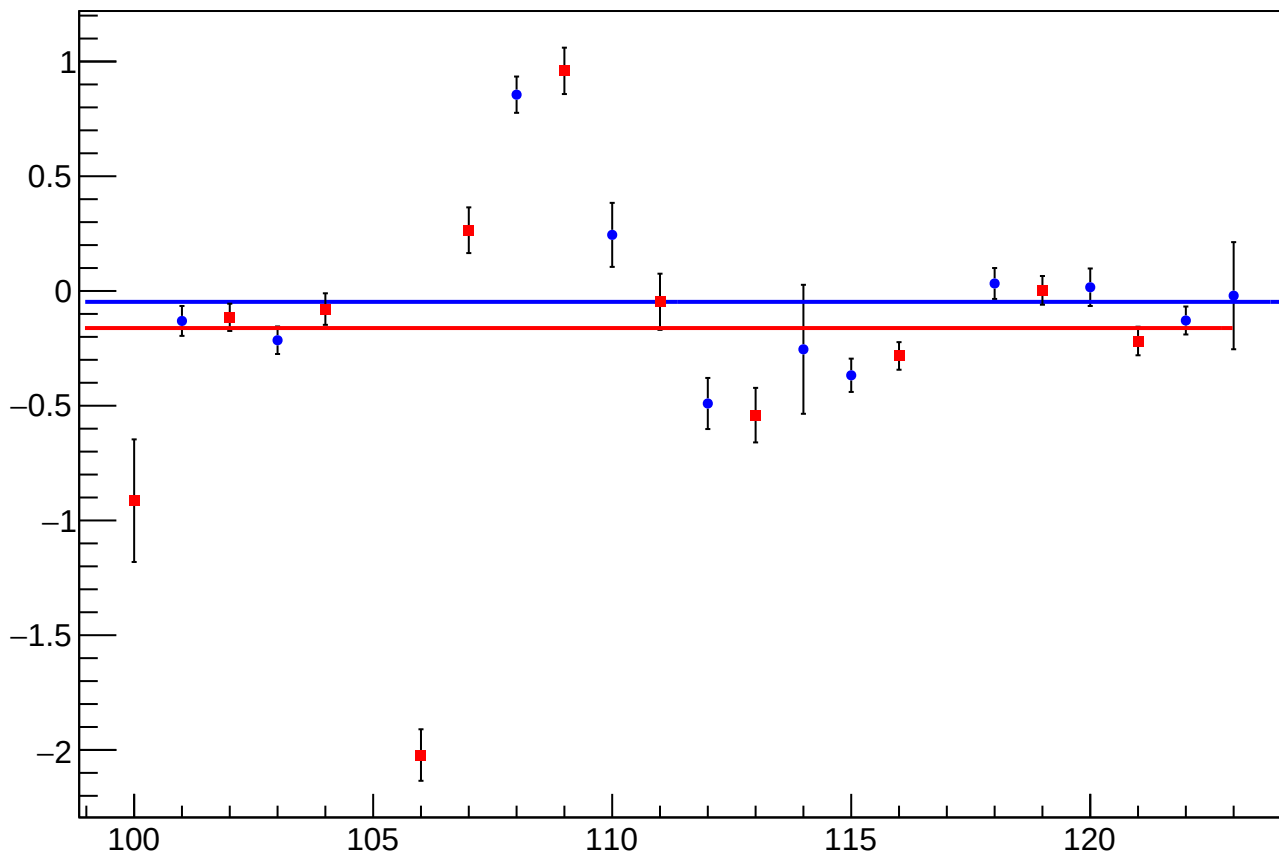
Right: -12.519 ± 0.260 χ^2/NDF : 5608.5/21

In: -11.381 ± 0.359 χ^2/NDF : 2397.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.519 ± 0.260 χ^2/NDF : 5608.5/21

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.024 χ^2 /NDF: 183.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.162 $\pm$ 0.024 χ^2 /NDF: 448.8/10

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

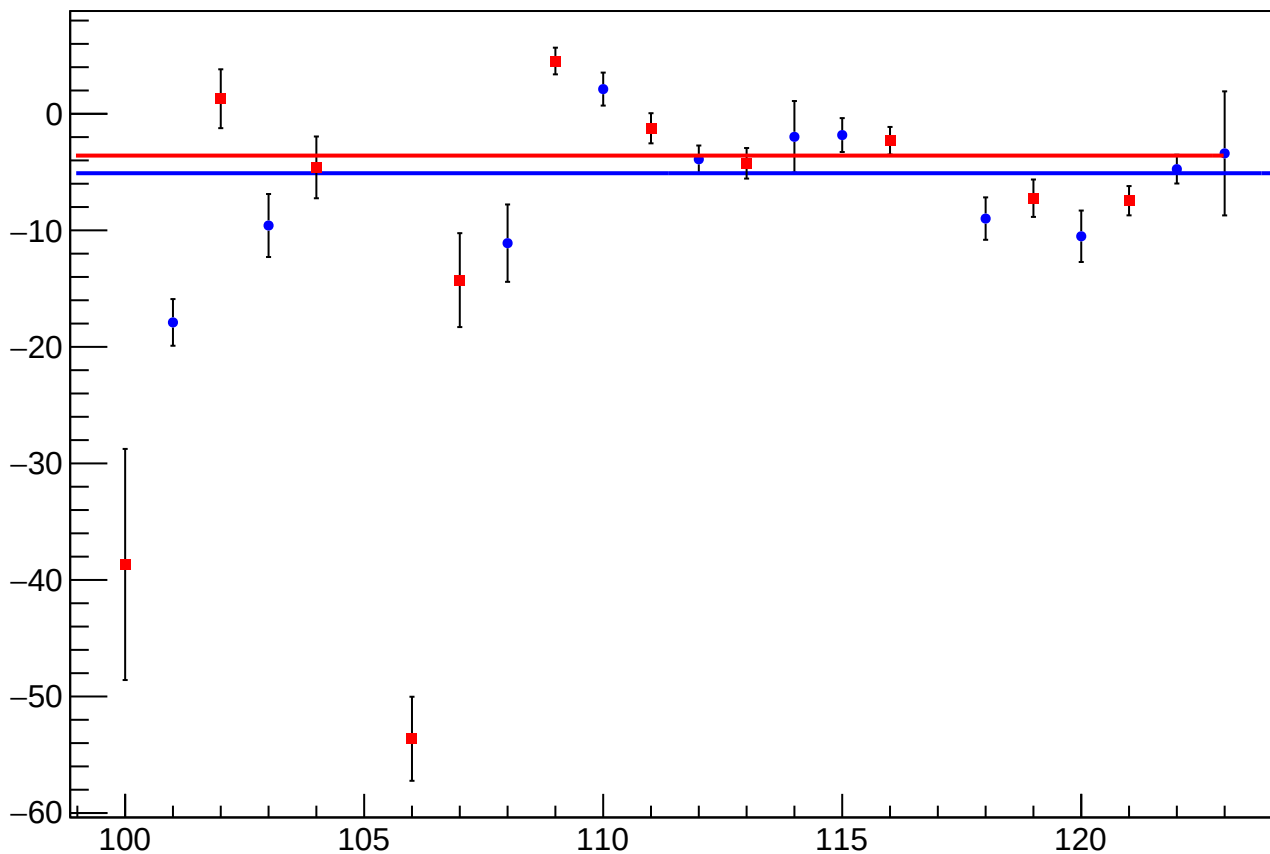
Right: -0.105 $\pm$ 0.017 χ^2 /NDF: 643.6/21

In: -0.047 $\pm$ 0.024 χ^2 /NDF:183.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.105 $\pm$ 0.017 χ^2 /NDF: 643.6/21

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.099+/-0.537 χ^2/NDF : 90.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.585+/-0.492 χ^2/NDF : 285.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

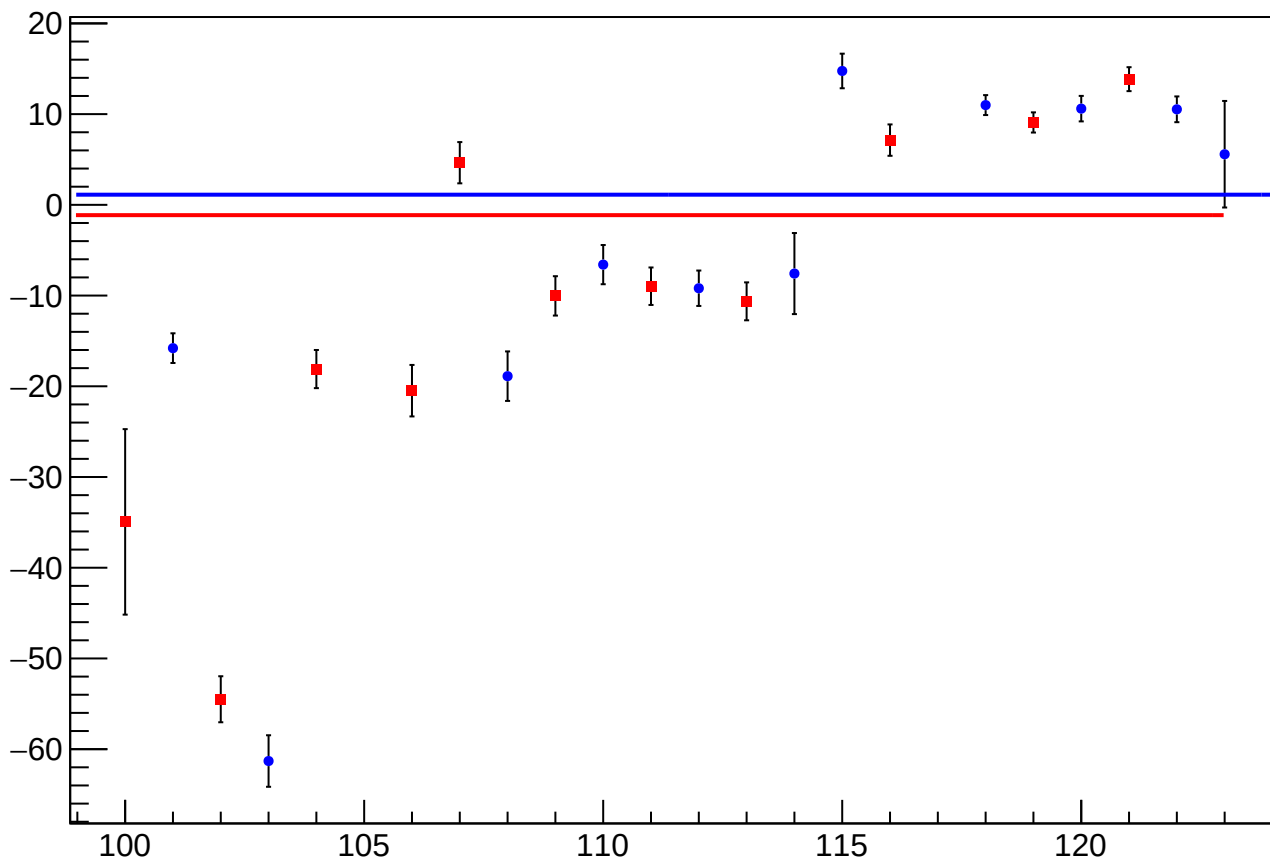
Right: -4.277+/-0.363 χ^2/NDF : 380.8/21

In: -5.099+/-0.537 χ^2/NDF : 90.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.277+/-0.363 χ^2/NDF : 380.8/21

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.119+/-0.551 χ^2/NDF : 910.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.136+/-0.568 χ^2/NDF : 860.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

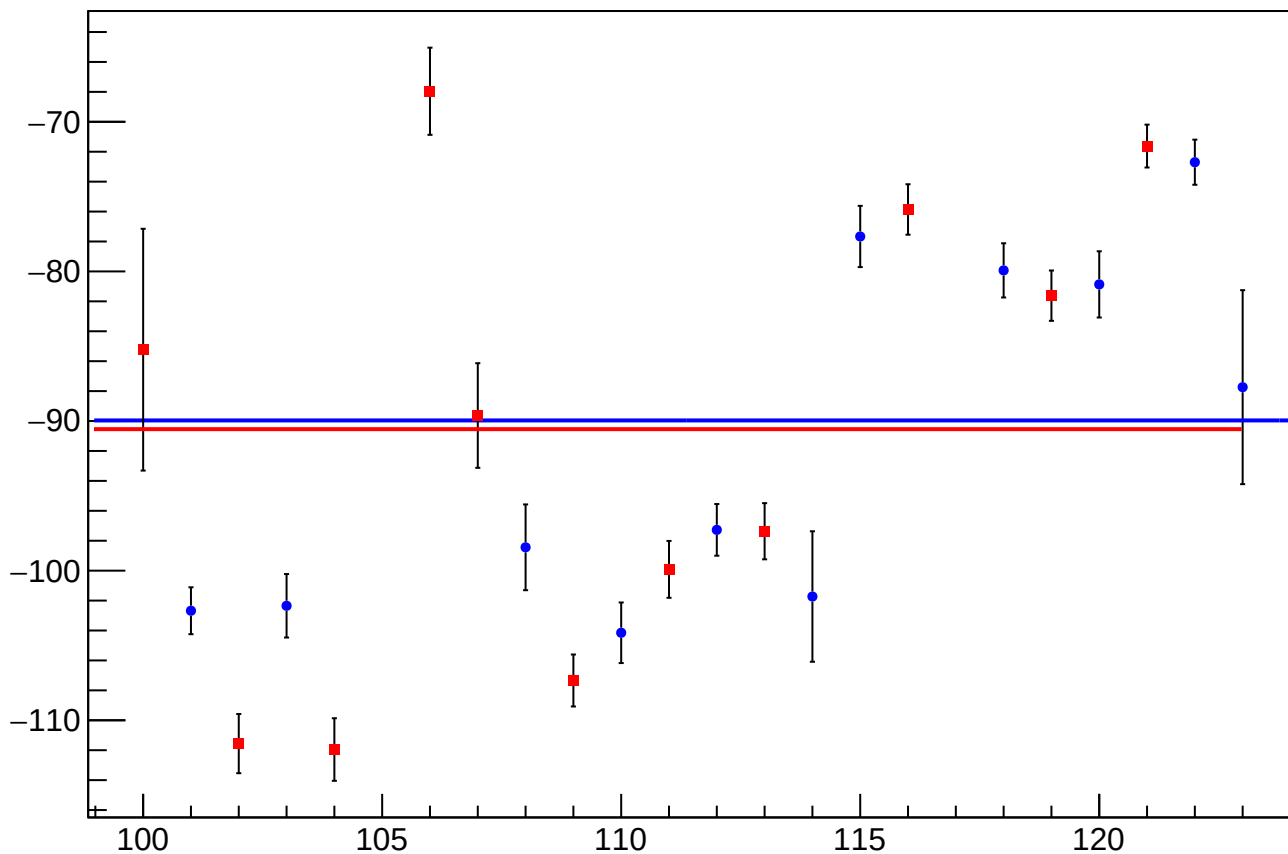
Right: 0.025+/-0.395 χ^2/NDF : 1778.2/21

In: 1.119+/-0.551 χ^2/NDF : 910.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.395 χ^2/NDF : 1778.2/21

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.960 $\pm$ 0.621 χ^2 /NDF: 397.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -90.542 $\pm$ 0.599 χ^2 /NDF: 688.0/10

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

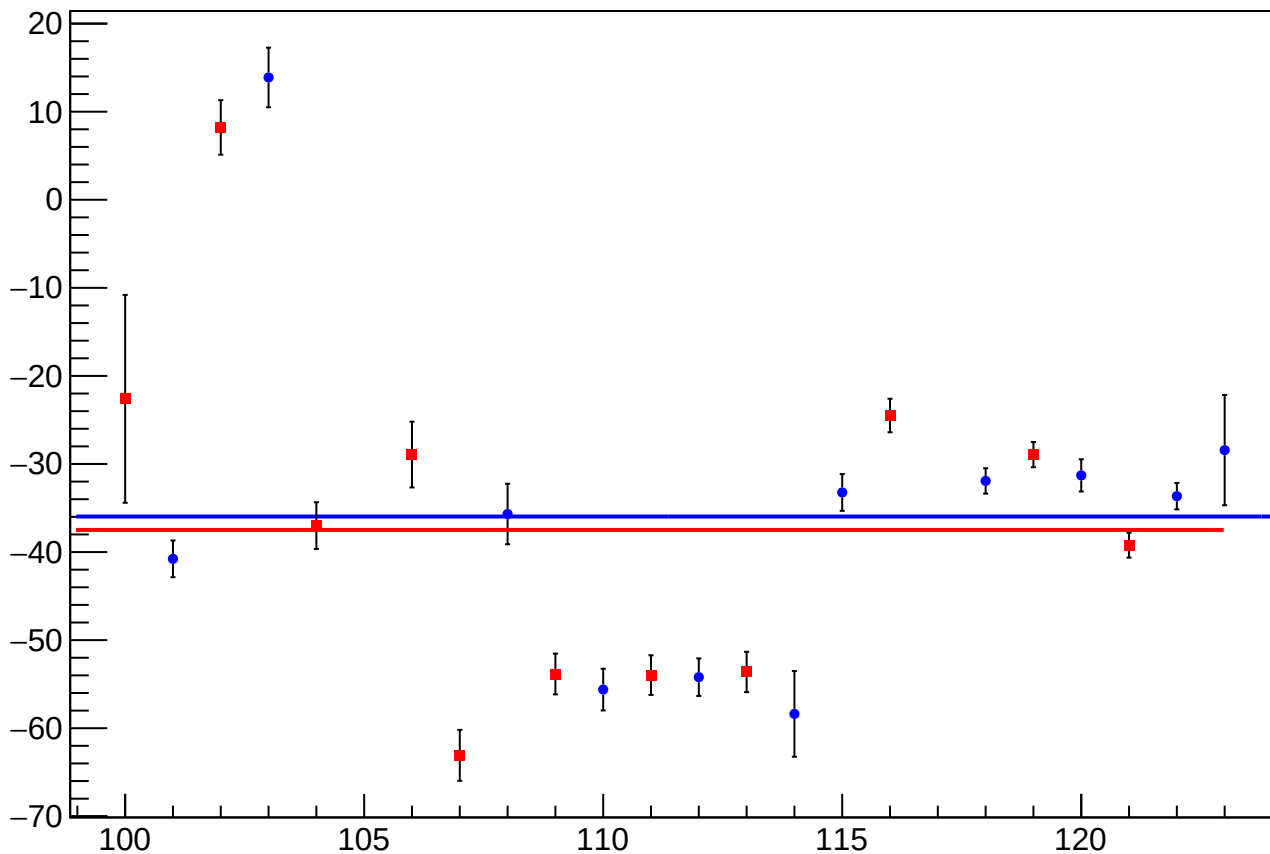
Right: -90.261 $\pm$ 0.431 χ^2 /NDF: 1086.3/21

In: -89.960 $\pm$ 0.621 χ^2 /NDF:397.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -90.261 $\pm$ 0.431 χ^2 /NDF: 1086.3/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.961+/-0.656 χ^2/NDF : 405.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.486+/-0.662 χ^2/NDF : 539.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

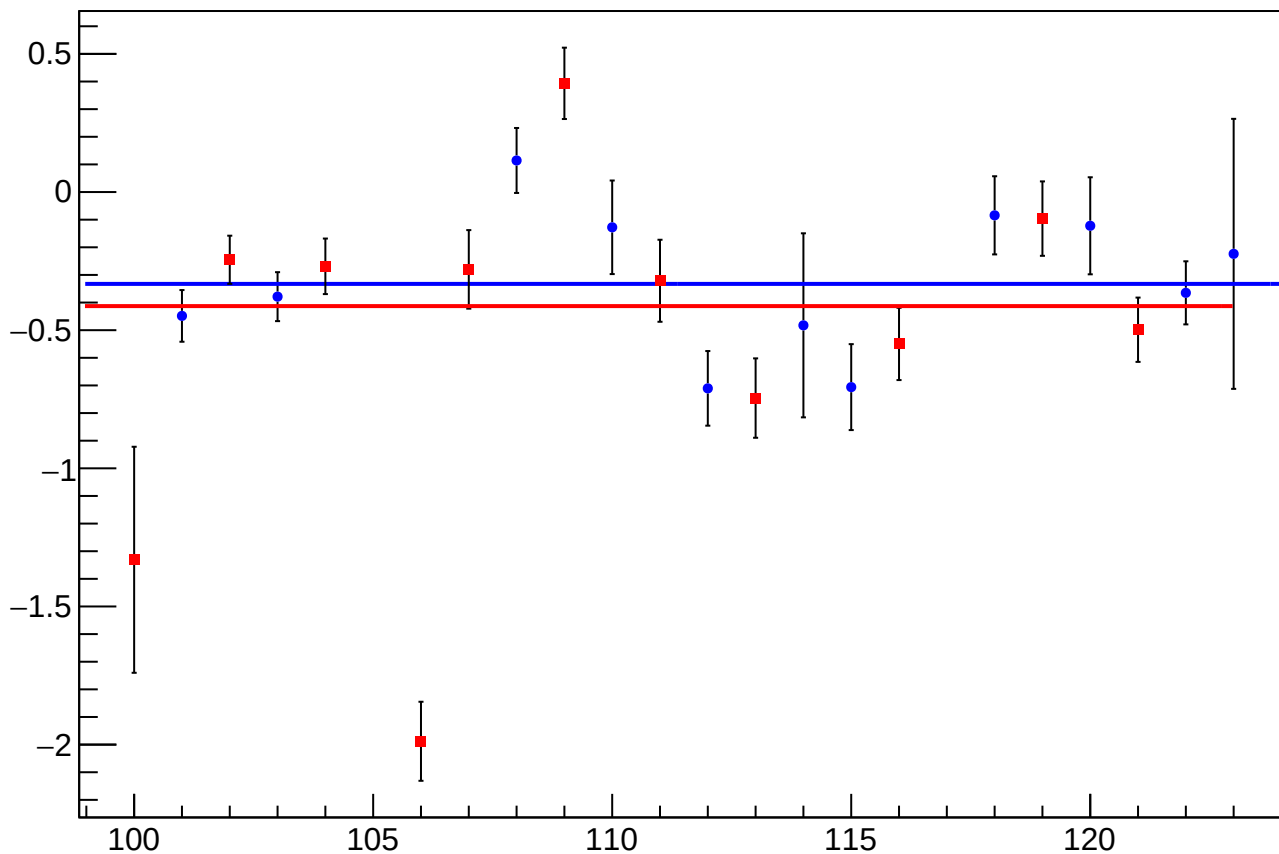
Right: -36.717+/-0.466 χ^2/NDF : 947.7/21

In: -35.961+/-0.656 χ^2/NDF : 405.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.717+/-0.466 χ^2/NDF : 947.7/21

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.332 ± 0.040 χ^2/NDF : 36.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.413 ± 0.038 χ^2/NDF : 184.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

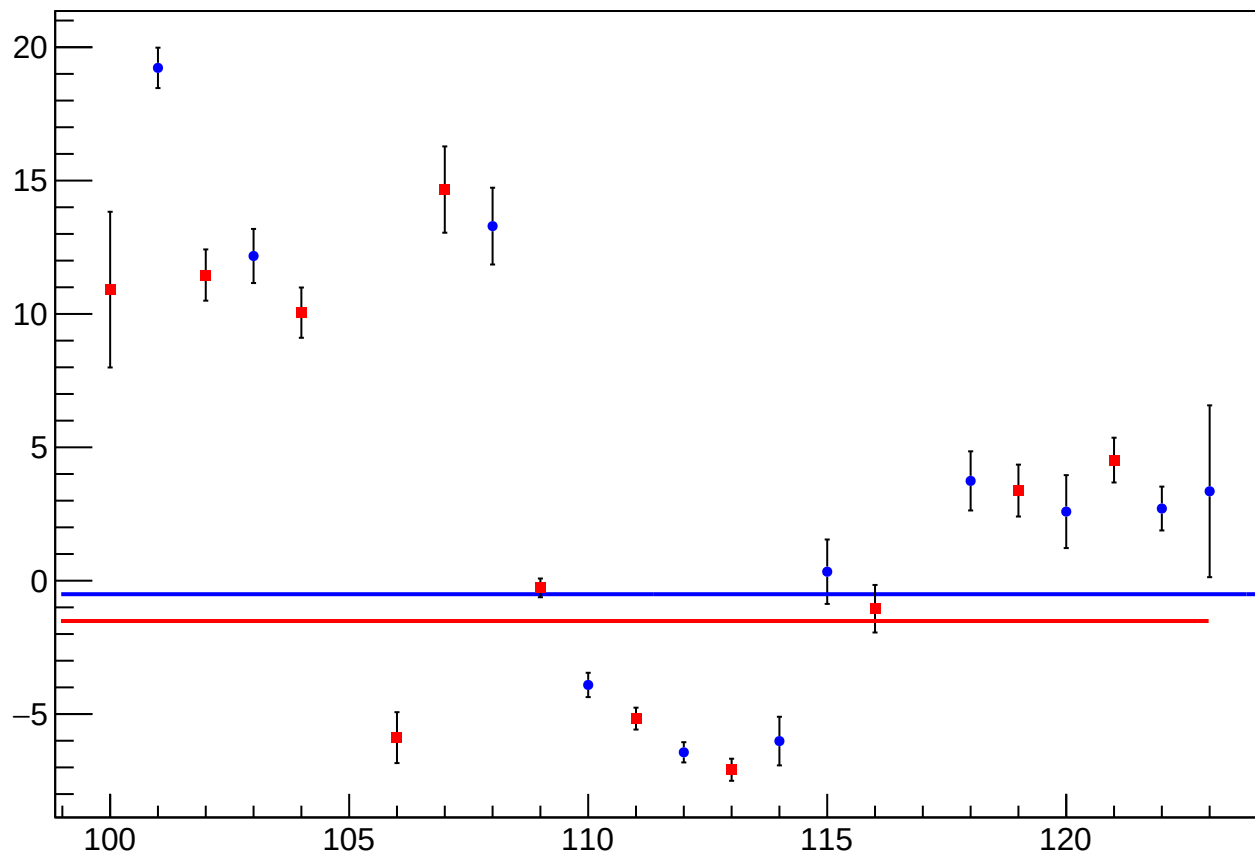
Right: -0.374 ± 0.028 χ^2/NDF : 223.1/21

In: -0.332 ± 0.040 χ^2/NDF : 36.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.374 ± 0.028 χ^2/NDF : 223.1/21

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.507 ± 0.225 χ^2/NDF : 1300.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.512 ± 0.191 χ^2/NDF : 822.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

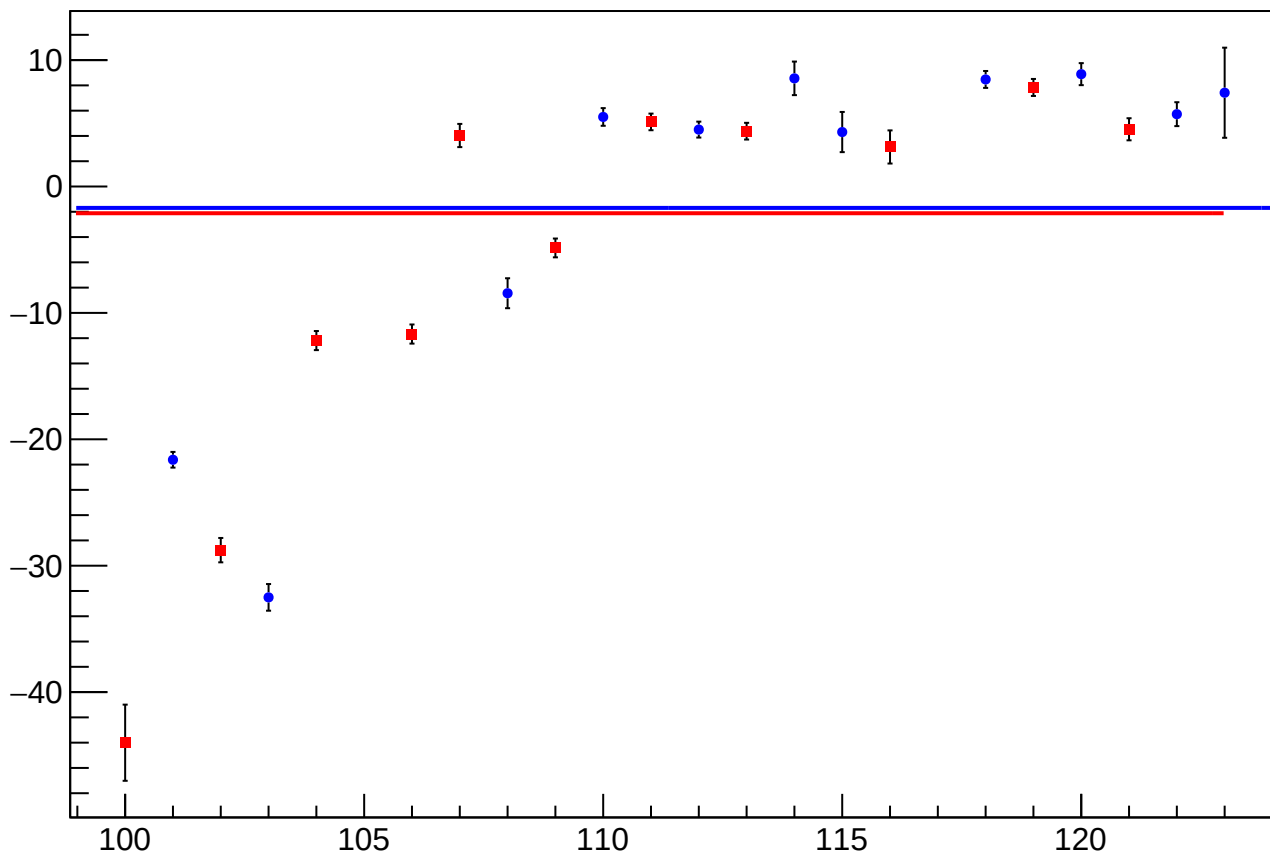
Right: -1.091 ± 0.146 χ^2/NDF : 2134.5/21

In: -0.507 ± 0.225 χ^2/NDF : 1300.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.091 ± 0.146 χ^2/NDF : 2134.5/21

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.692+/-0.263 χ^2 /NDF: 2640.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.115+/-0.247 χ^2 /NDF: 1863.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

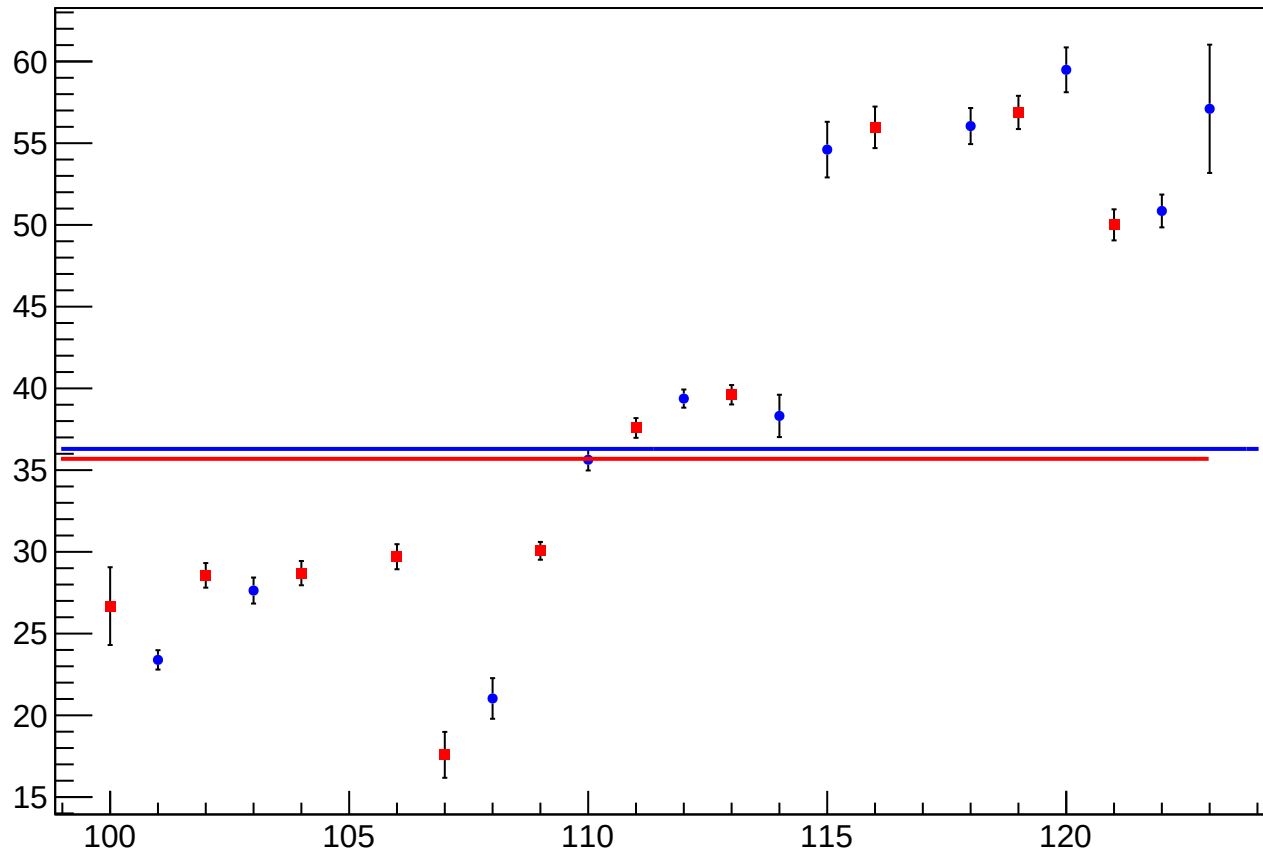
Right: -1.917+/-0.180 χ^2 /NDF: 4505.4/21

In: -1.692+/-0.263 χ^2 /NDF:2640.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.917+/-0.180 χ^2 /NDF: 4505.4/21

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.298+/-0.267 χ^2/NDF : 1737.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.692+/-0.238 χ^2/NDF : 1496.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

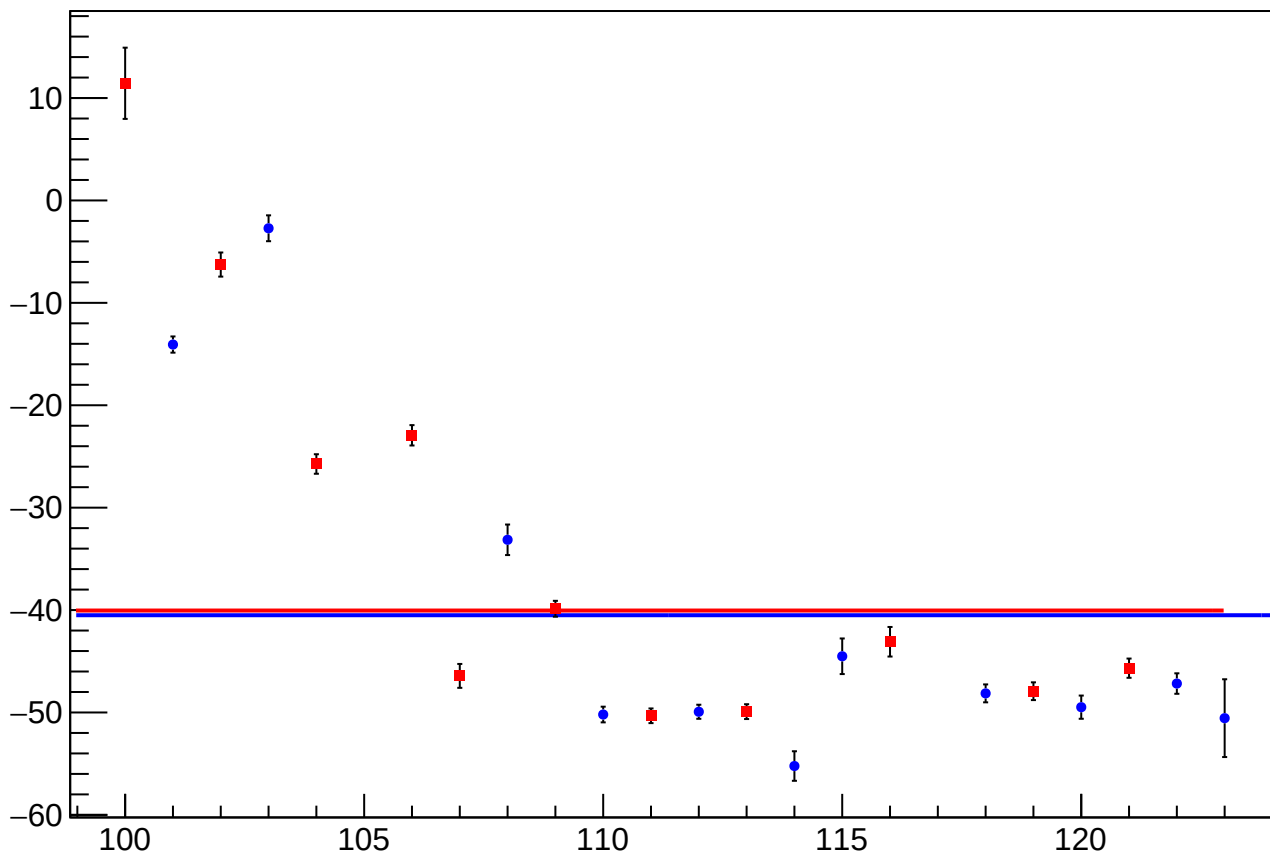
Right: 35.960+/-0.178 χ^2/NDF : 3236.6/21

In: 36.298+/-0.267 χ^2/NDF : 1737.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.960+/-0.178 χ^2/NDF : 3236.6/21

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -40.504+/-0.309 χ^2/NDF : 2684.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.045+/-0.287 χ^2/NDF : 2110.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

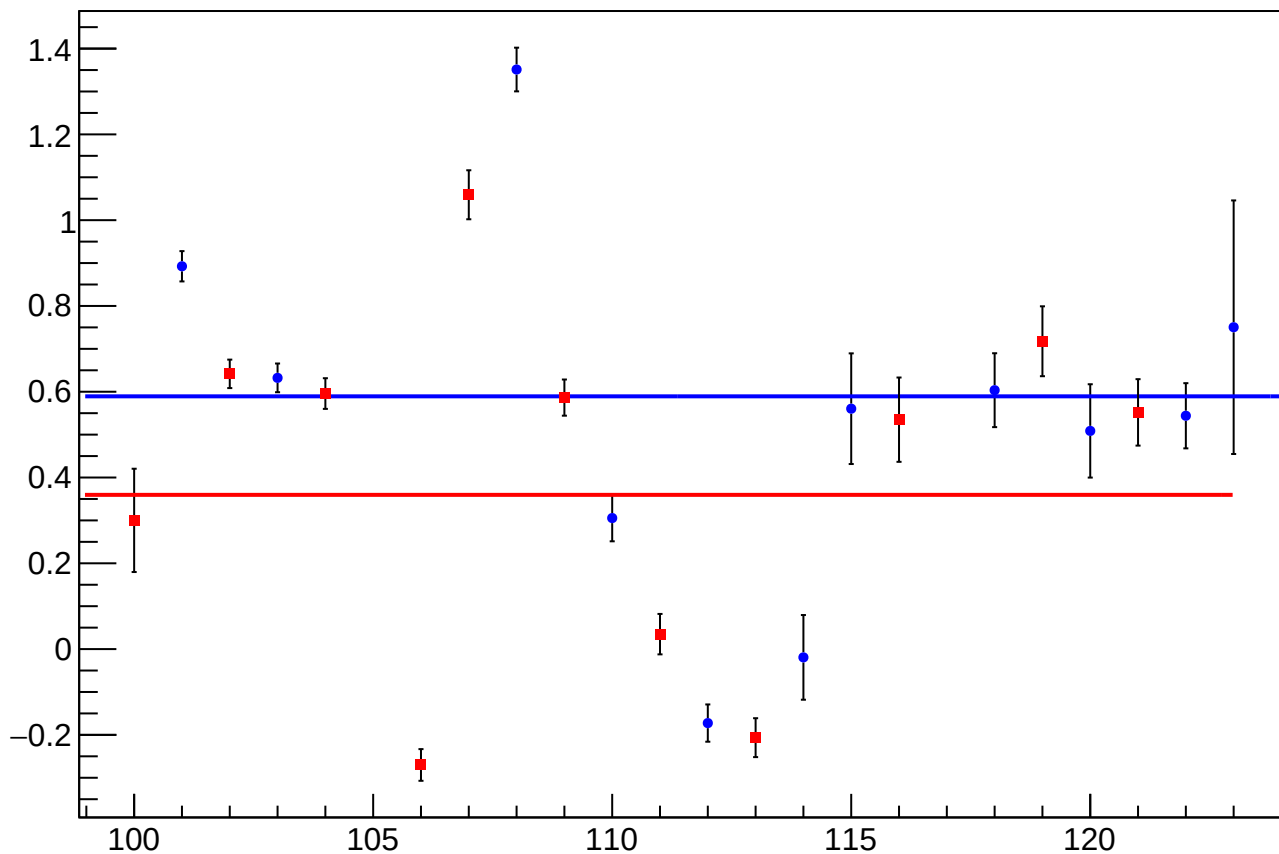
Right: -40.257+/-0.210 χ^2/NDF : 4795.5/21

In: -40.504+/-0.309 χ^2/NDF : 2684.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.257+/-0.210 χ^2/NDF : 4795.5/21

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.589+/-0.017 χ^2/NDF : 673.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.360+/-0.015 χ^2/NDF : 817.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

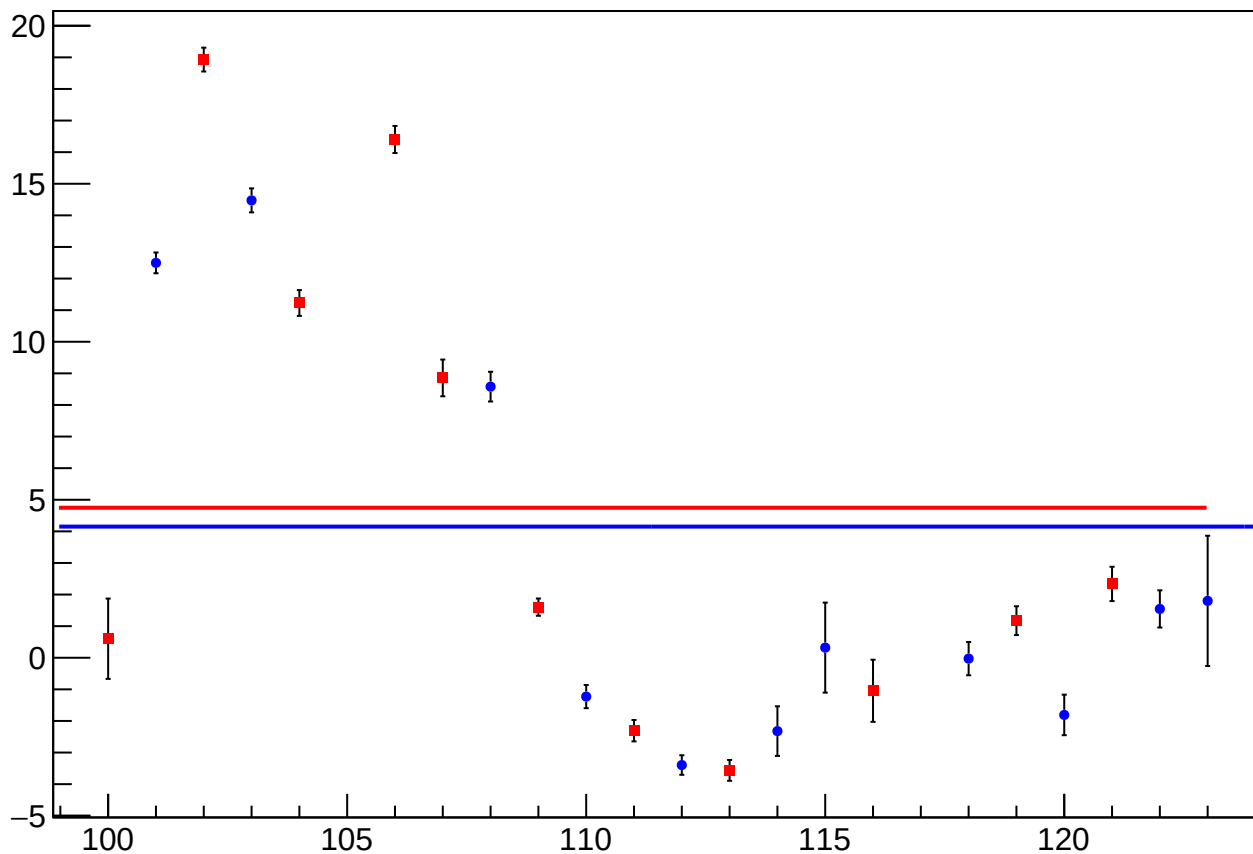
Right: 0.458+/-0.011 χ^2/NDF : 1597.3/21

In: 0.589+/-0.017 χ^2/NDF : 673.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.458+/-0.011 χ^2/NDF : 1597.3/21

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.151+/-0.142 χ^2/NDF : 2526.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.747+/-0.126 χ^2/NDF : 3785.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

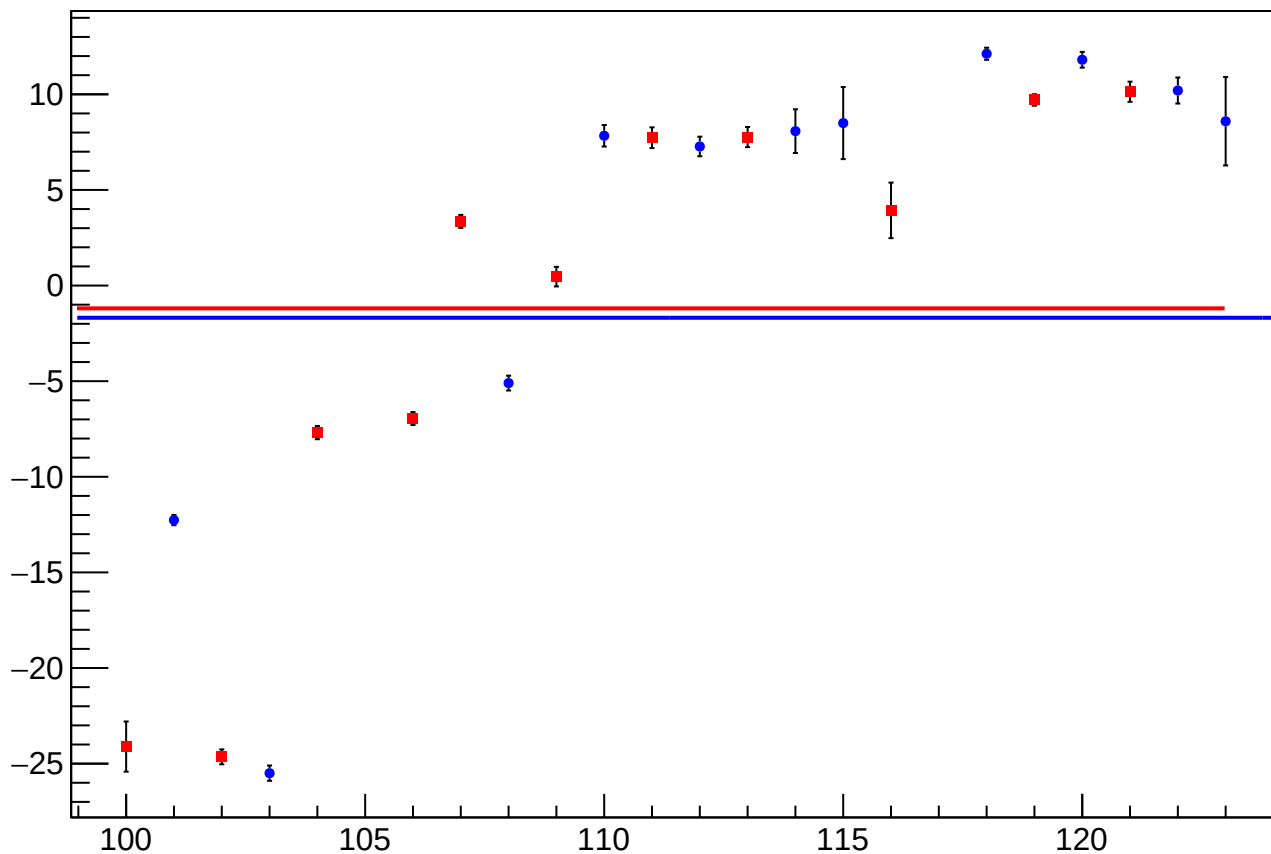
Right: 4.483+/-0.094 χ^2/NDF : 6321.9/21

In: 4.151+/-0.142 χ^2/NDF : 2526.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.483+/-0.094 χ^2/NDF : 6321.9/21

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.685+/-0.137 χ^2/NDF : 9163.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.192+/-0.130 χ^2/NDF : 7128.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

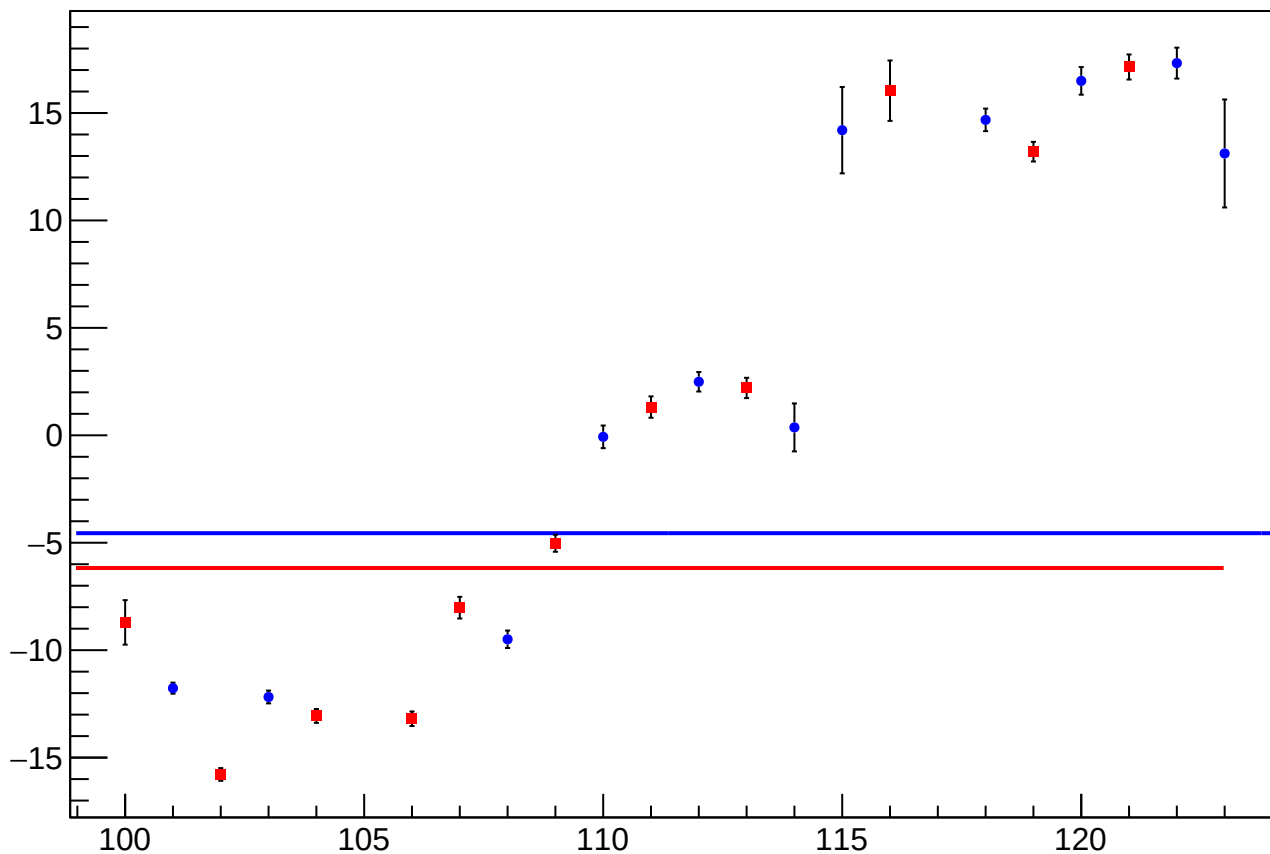
Right: -1.425+/-0.094 χ^2/NDF : 16298.4/21

In: -1.685+/-0.137 χ^2/NDF : 9163.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.425+/-0.094 χ^2/NDF : 16298.4/21

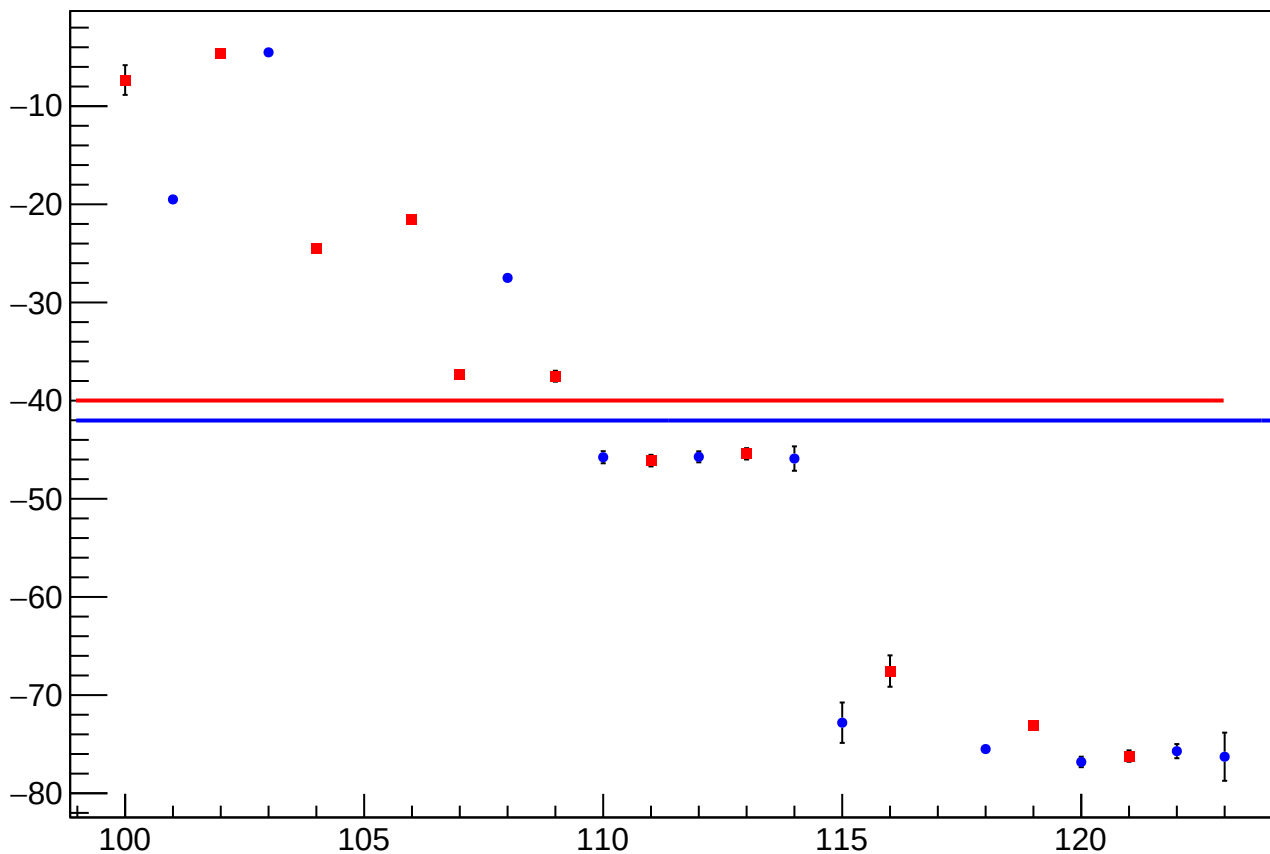
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.556+/-0.141 χ^2/NDF : 5401.3/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -6.176+/-0.132 χ^2/NDF : 6156.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.423+/-0.096 χ^2/NDF : 11628.4/21
 In: -4.556+/-0.141 χ^2/NDF : 5401.3/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.423+/-0.096 χ^2/NDF : 11628.4/21

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.025 ± 0.168 χ^2/NDF : 24871.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.989 ± 0.158 χ^2/NDF : 20887.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

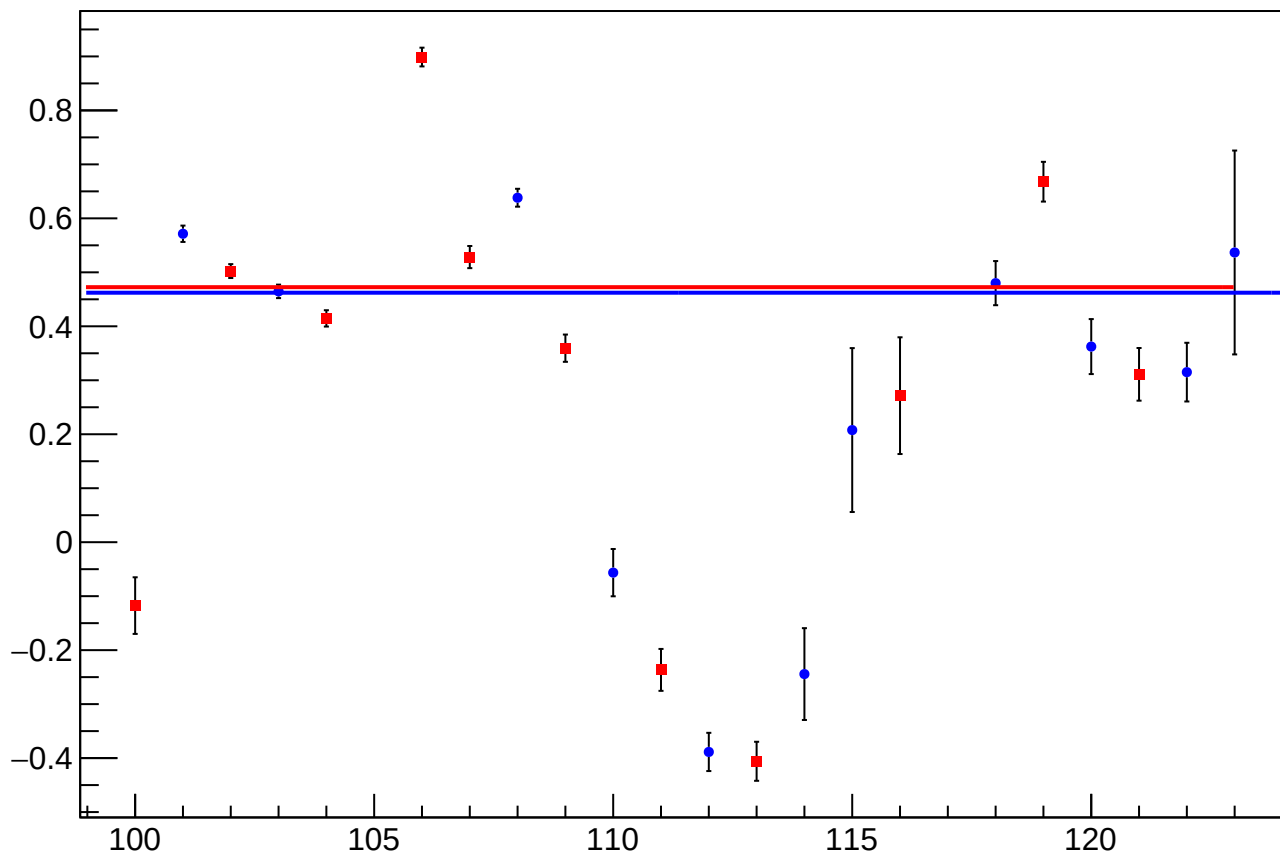
Right: -40.944 ± 0.115 χ^2/NDF : 45837.2/21

In: -42.025 ± 0.168 χ^2/NDF : 24871.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.944 ± 0.115 χ^2/NDF : 45837.2/21

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.462 $\pm$ 0.008 χ^2 /NDF: 965.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.472 $\pm$ 0.007 χ^2 /NDF: 1743.7/10

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

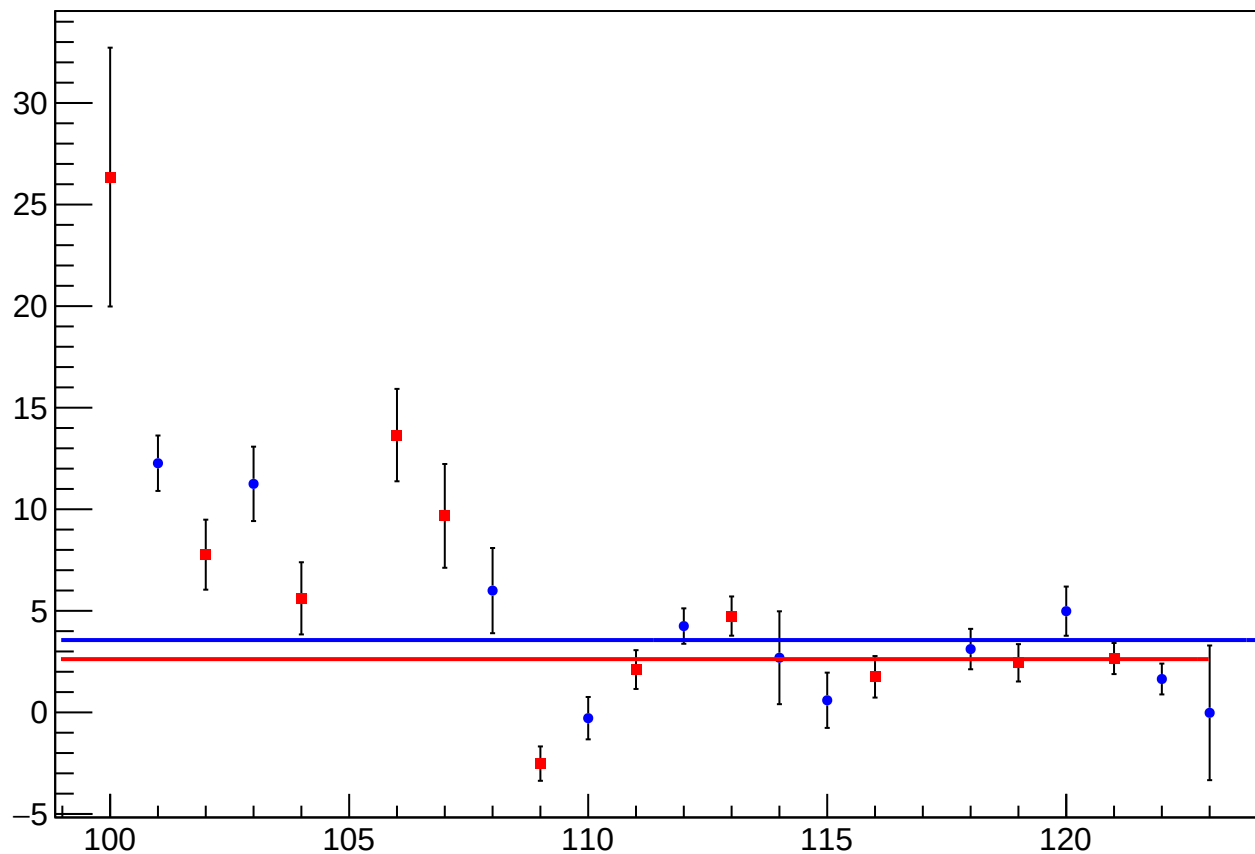
Right: 0.468 $\pm$ 0.005 χ^2 /NDF: 2710.3/21

In: 0.462 $\pm$ 0.008 χ^2 /NDF:965.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2710.3/21

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.561+/-0.364 χ^2/NDF : 87.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.623+/-0.344 χ^2/NDF : 99.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

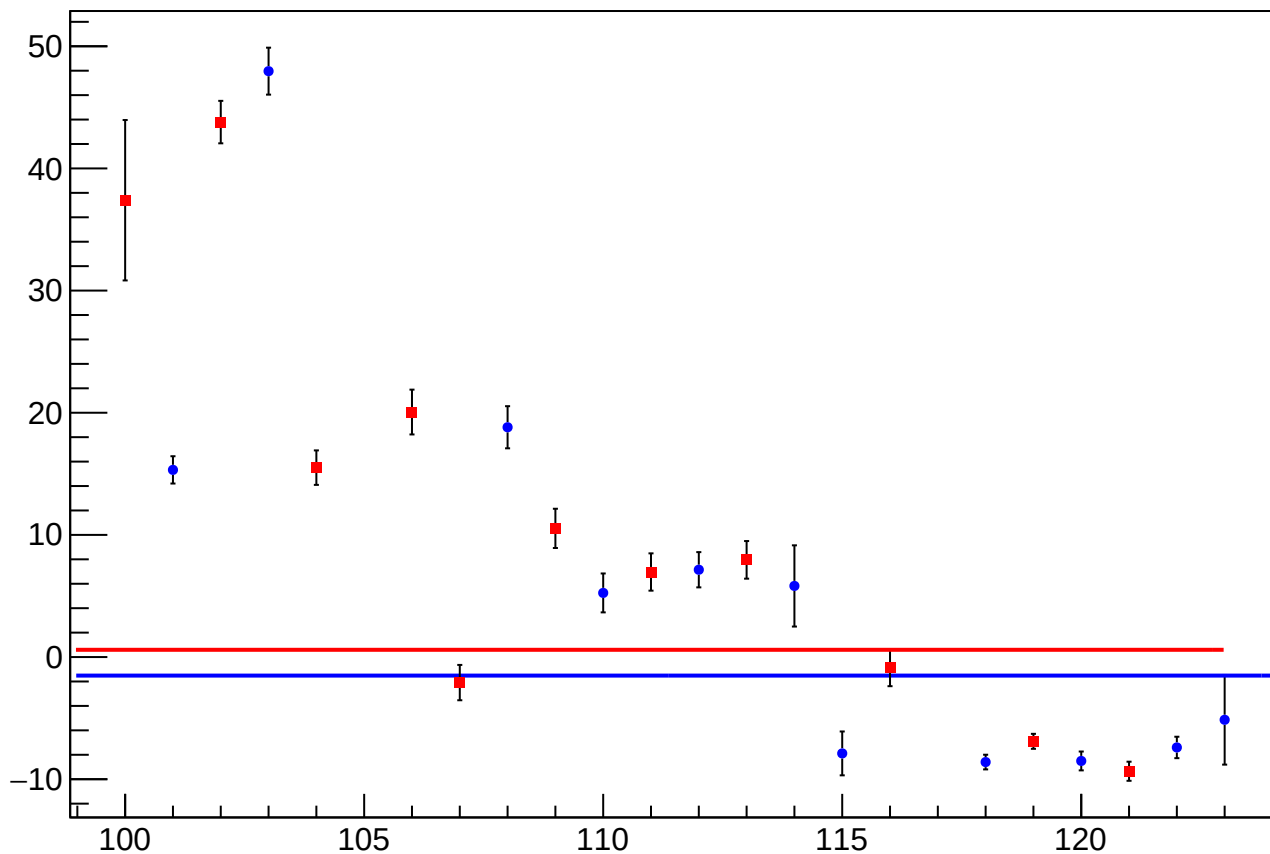
Right: 3.066+/-0.250 χ^2/NDF : 191.1/21

In: 3.561+/-0.364 χ^2/NDF : 87.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.066+/-0.250 χ^2/NDF : 191.1/21

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.517 $\pm$ 0.343 χ^2 /NDF: 1366.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.594 $\pm$ 0.363 χ^2 /NDF: 1267.2/10

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

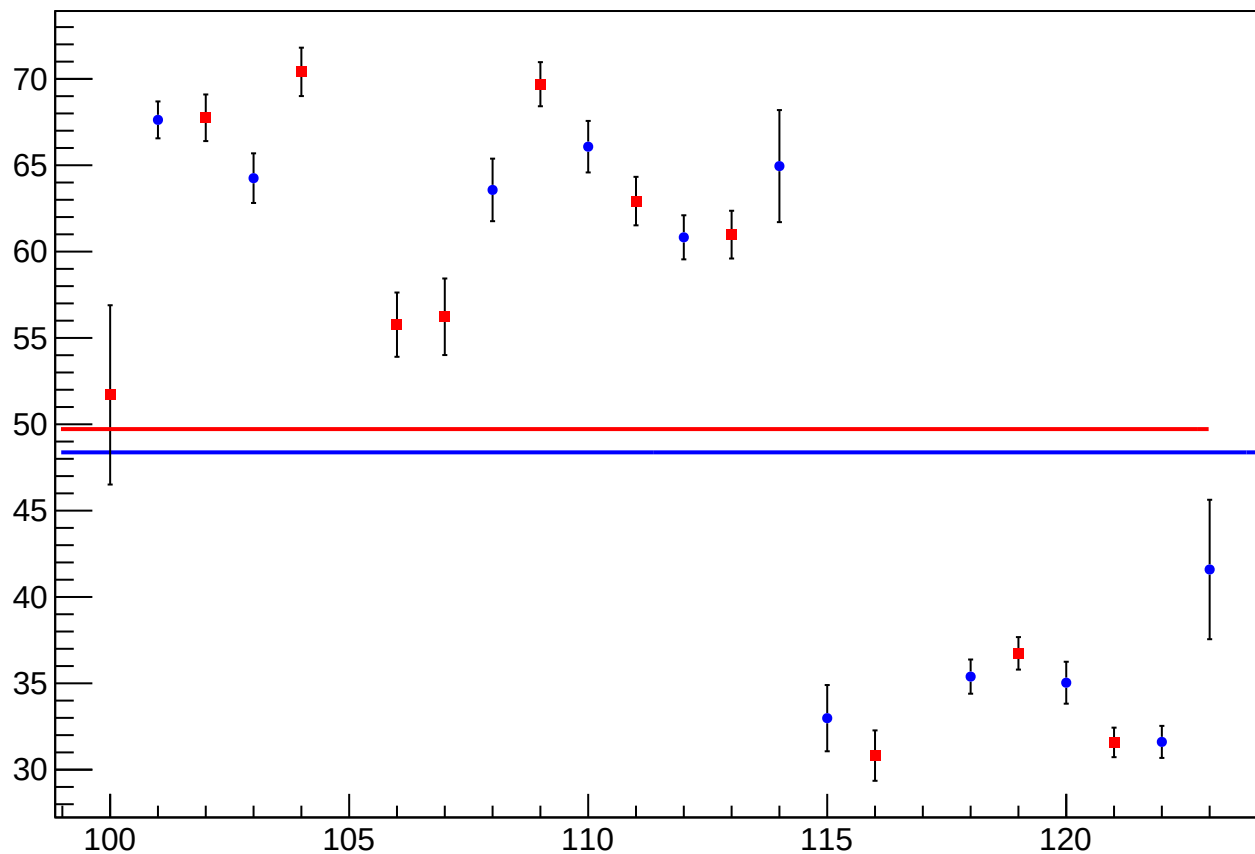
Right: -0.521 $\pm$ 0.249 χ^2 /NDF: 2652.0/21

In: -1.517 $\pm$ 0.343 χ^2 /NDF:1366.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.521 $\pm$ 0.249 χ^2 /NDF: 2652.0/21

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 48.374+/-0.408 χ^2/NDF : 1465.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.722+/-0.402 χ^2/NDF : 1624.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

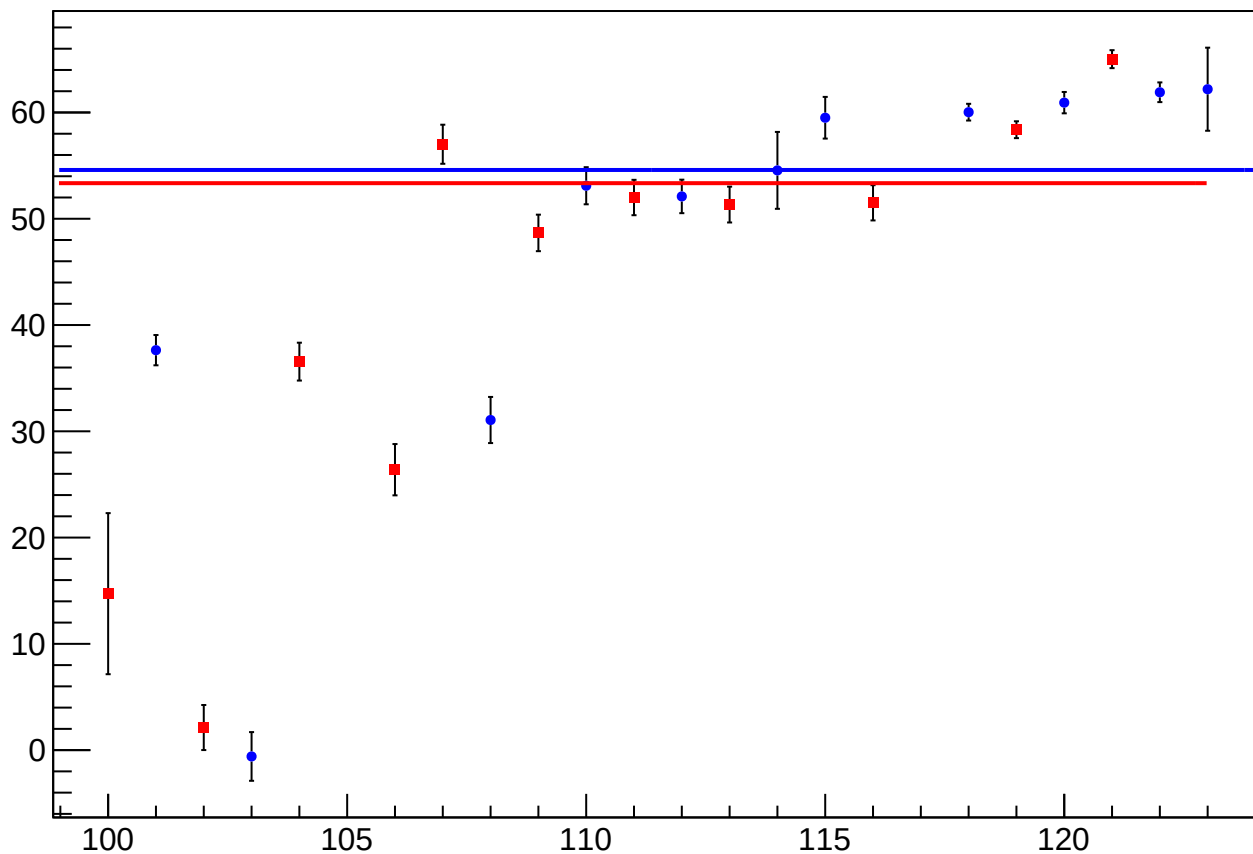
Right: 49.058+/-0.286 χ^2/NDF : 3095.2/21

In: 48.374+/-0.408 χ^2/NDF : 1465.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.058+/-0.286 χ^2/NDF : 3095.2/21

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.590+/-0.415 χ^2/NDF : 1002.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.348+/-0.429 χ^2/NDF : 1069.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

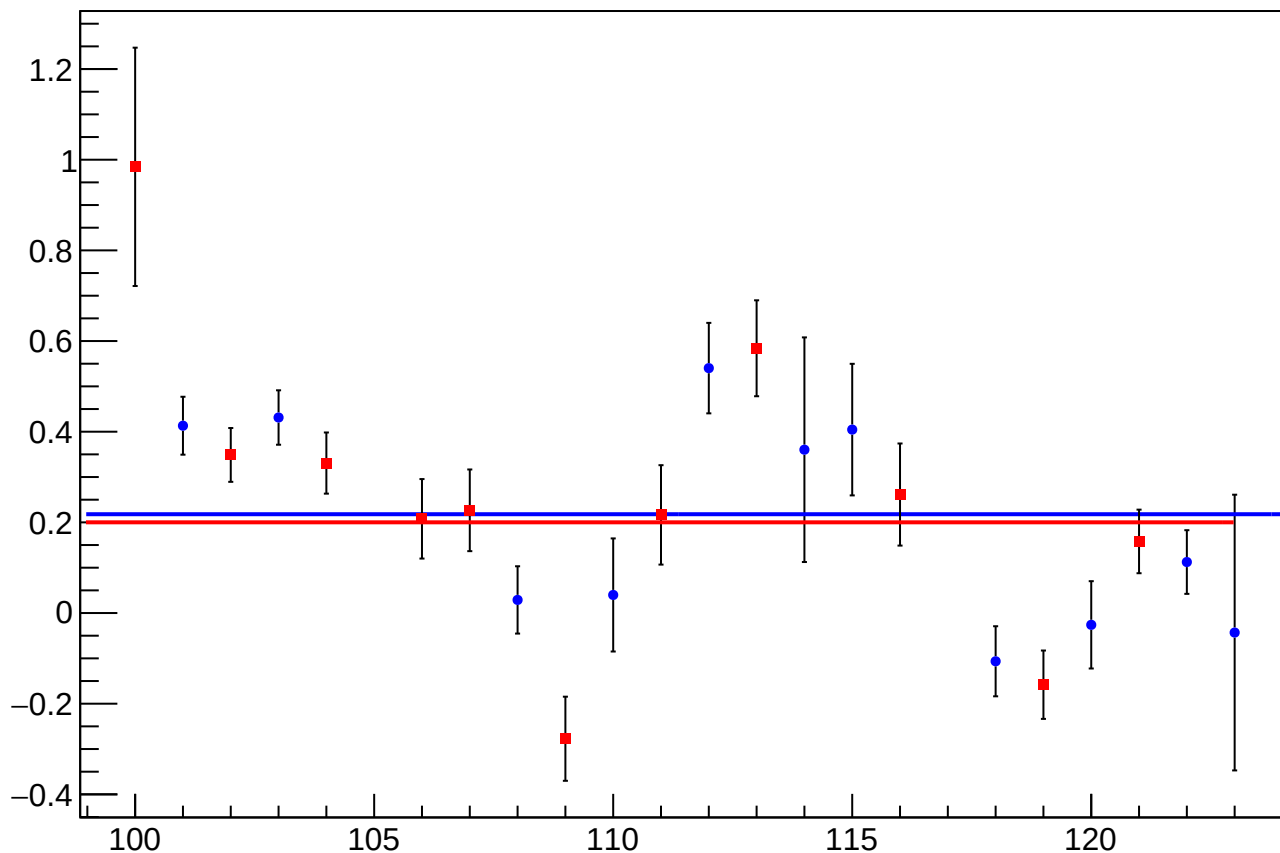
Right: 53.989+/-0.298 χ^2/NDF : 2075.8/21

In: 54.590+/-0.415 χ^2/NDF : 1002.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.989+/-0.298 χ^2/NDF : 2075.8/21

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.218+/-0.027 χ^2/NDF : 69.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.026 χ^2/NDF : 81.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

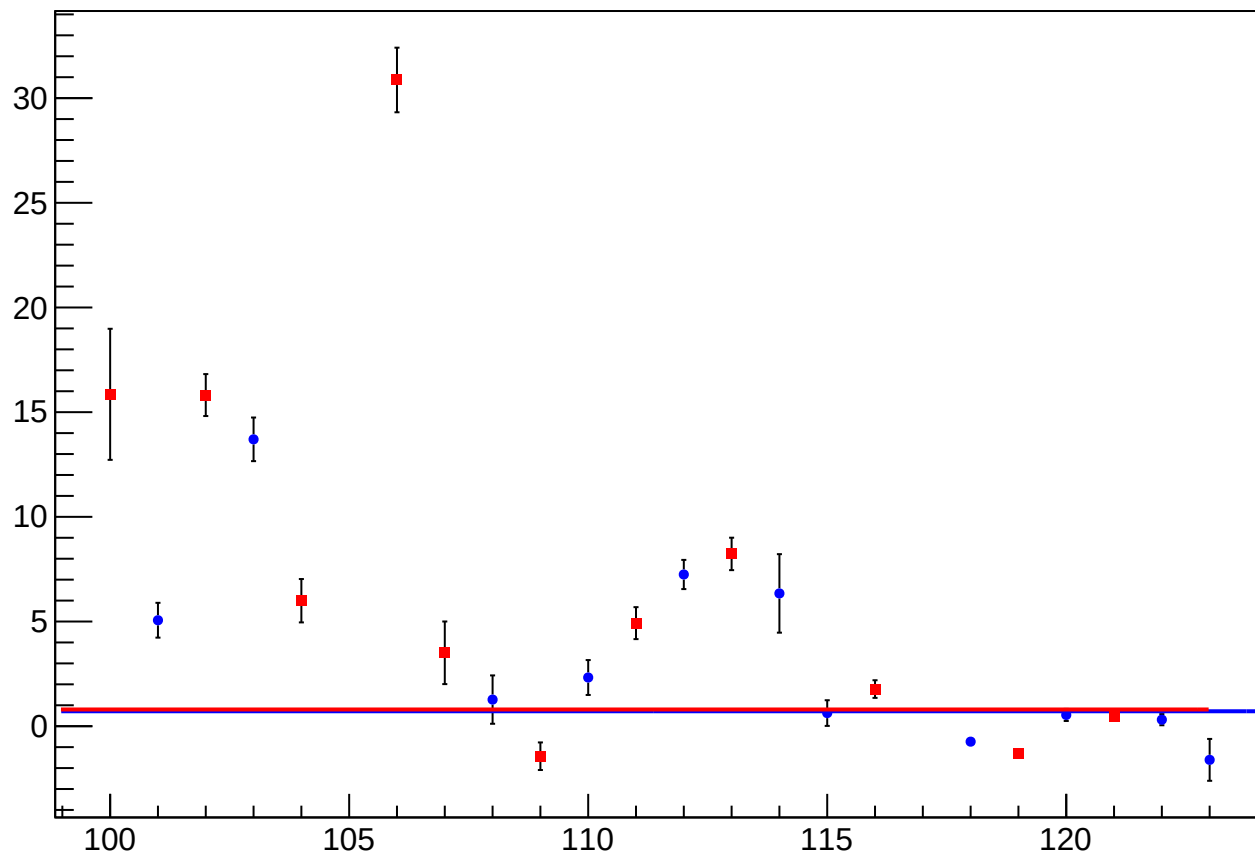
Right: 0.209+/-0.018 χ^2/NDF : 152.1/21

In: 0.218+/-0.027 χ^2/NDF : 69.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.209+/-0.018 χ^2/NDF : 152.1/21

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.713+/-0.136 χ^2/NDF : 329.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.799+/-0.135 χ^2/NDF : 899.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

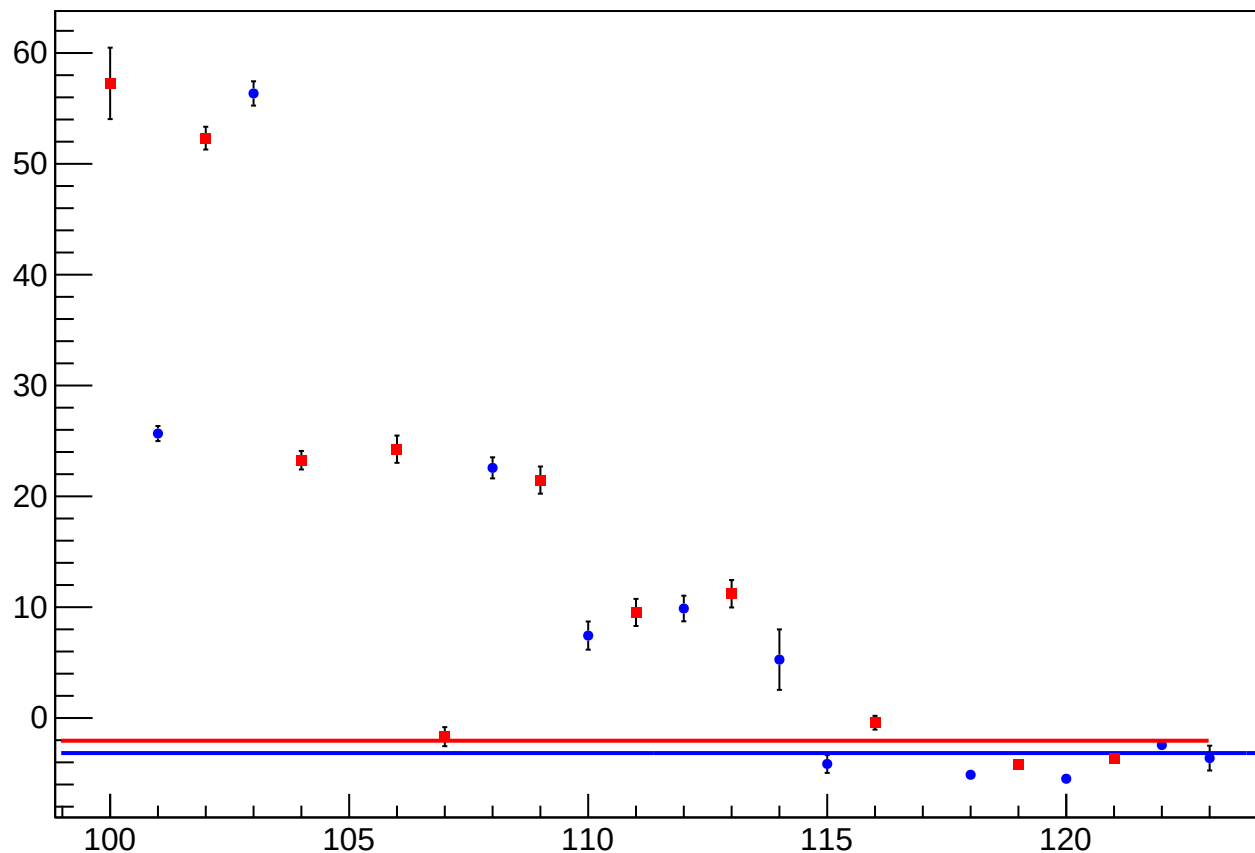
Right: 0.756+/-0.095 χ^2/NDF : 1228.4/21

In: 0.713+/-0.136 χ^2/NDF : 329.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.756+/-0.095 χ^2/NDF : 1228.4/21

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.162 ± 0.102 χ^2/NDF : 6030.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.048 ± 0.110 χ^2/NDF : 5402.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

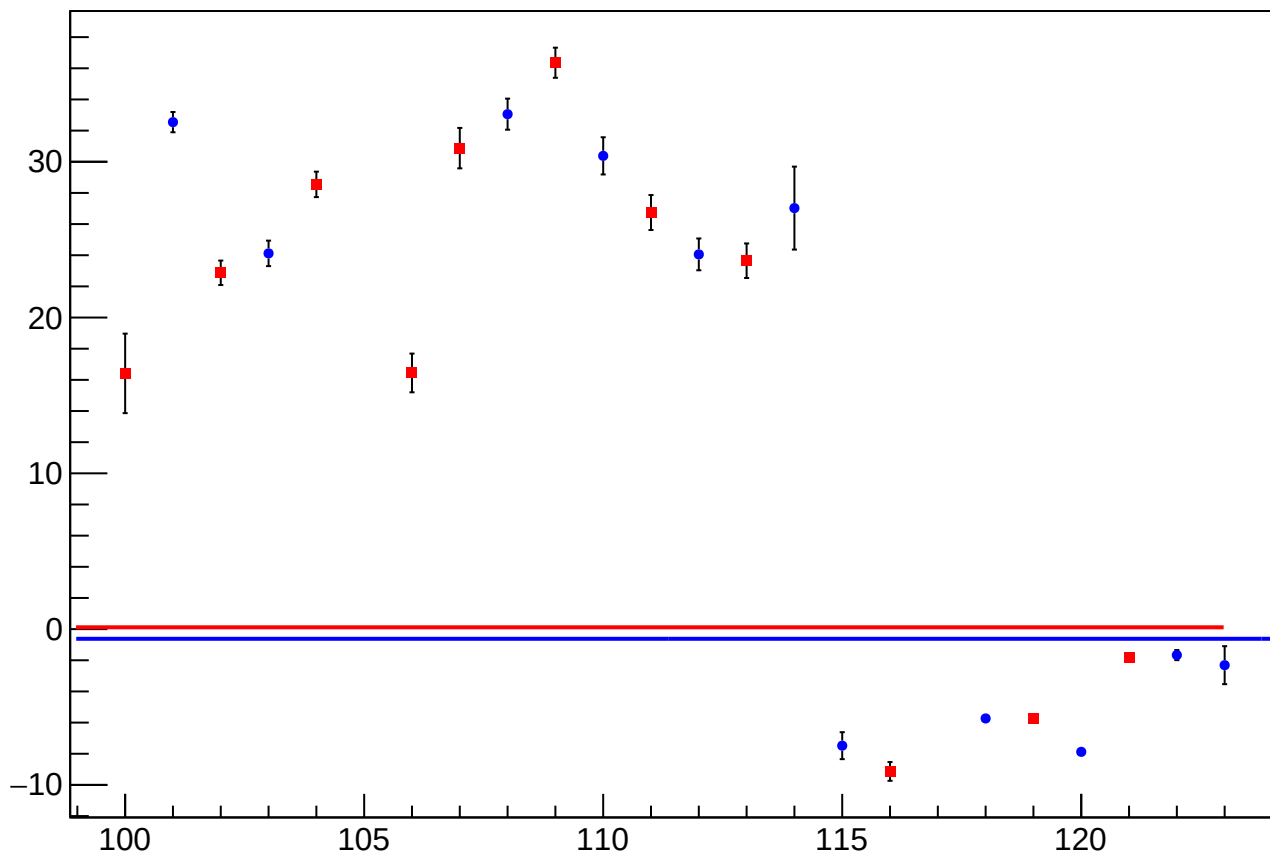
Right: -2.650 ± 0.075 χ^2/NDF : 11487.8/21

In: -3.162 ± 0.102 χ^2/NDF : 6030.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.650 ± 0.075 χ^2/NDF : 11487.8/21

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.620 ± 0.144 χ^2/NDF : 7194.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.117 ± 0.143 χ^2/NDF : 6318.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

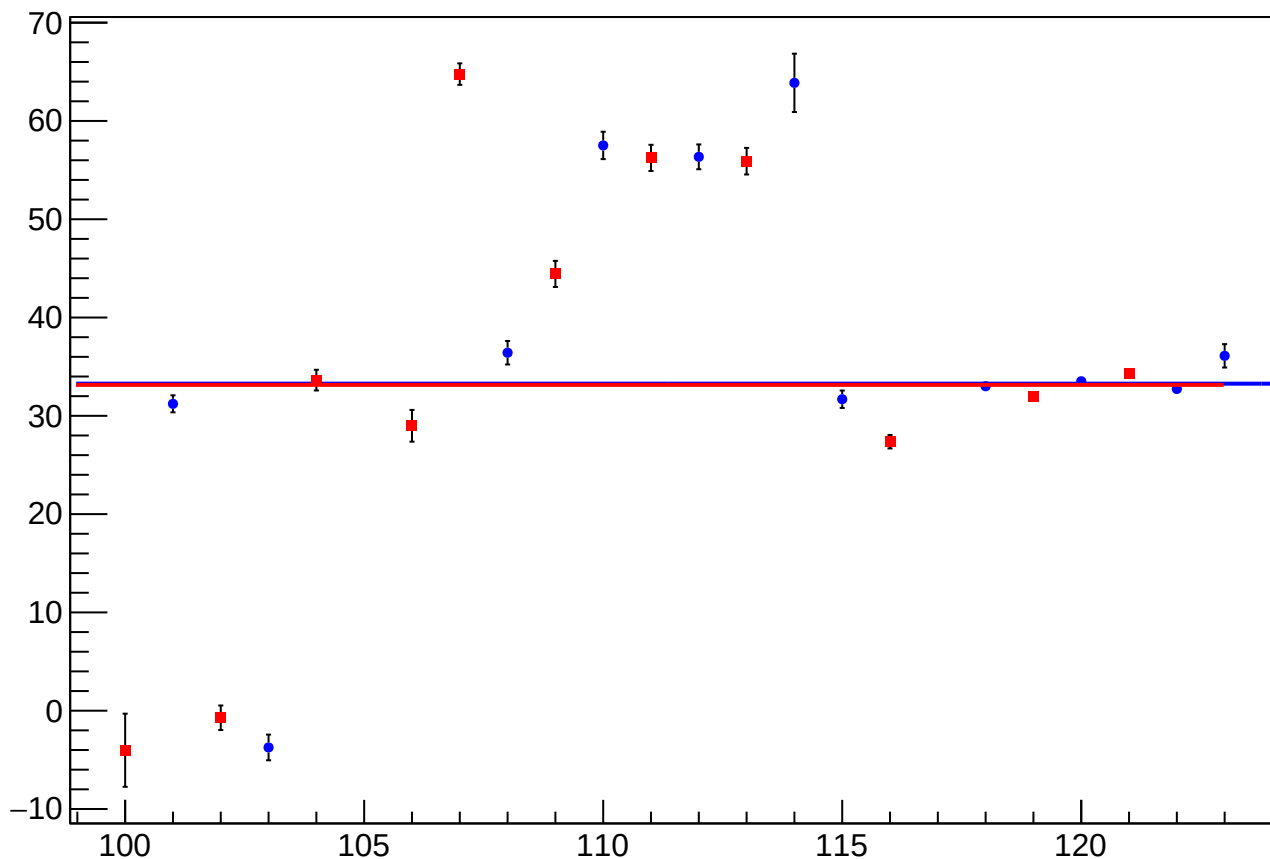
Right: -0.249 ± 0.102 χ^2/NDF : 13526.5/21

In: -0.620 ± 0.144 χ^2/NDF : 7194.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.249 ± 0.102 χ^2/NDF : 13526.5/21

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.272+/-0.128 χ^2/NDF : 1572.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.149+/-0.135 χ^2/NDF : 2475.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

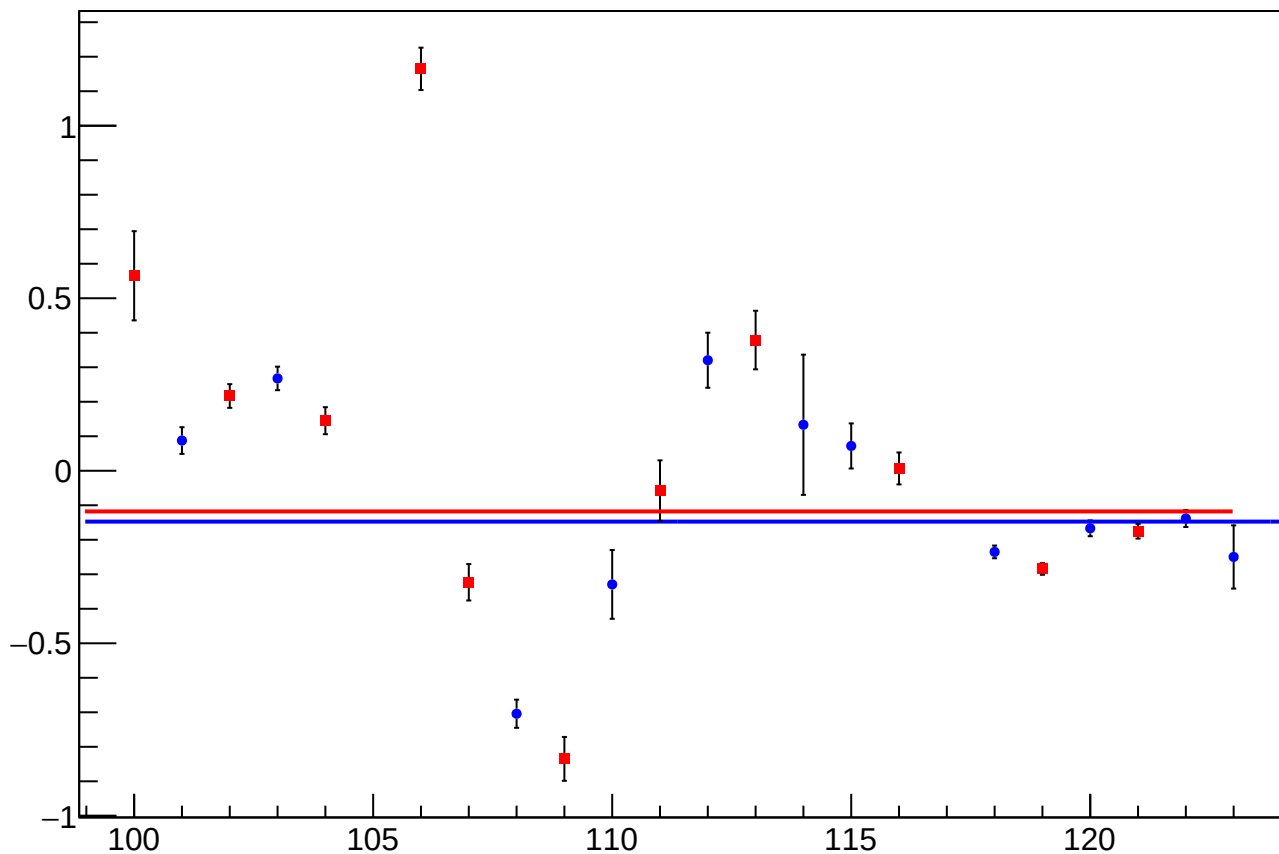
Right: 33.214+/-0.093 χ^2/NDF : 4048.4/21

In: 33.272+/-0.128 χ^2/NDF : 1572.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.214+/-0.093 χ^2/NDF : 4048.4/21

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.147+/-0.010 χ^2/NDF : 446.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.118+/-0.011 χ^2/NDF : 894.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

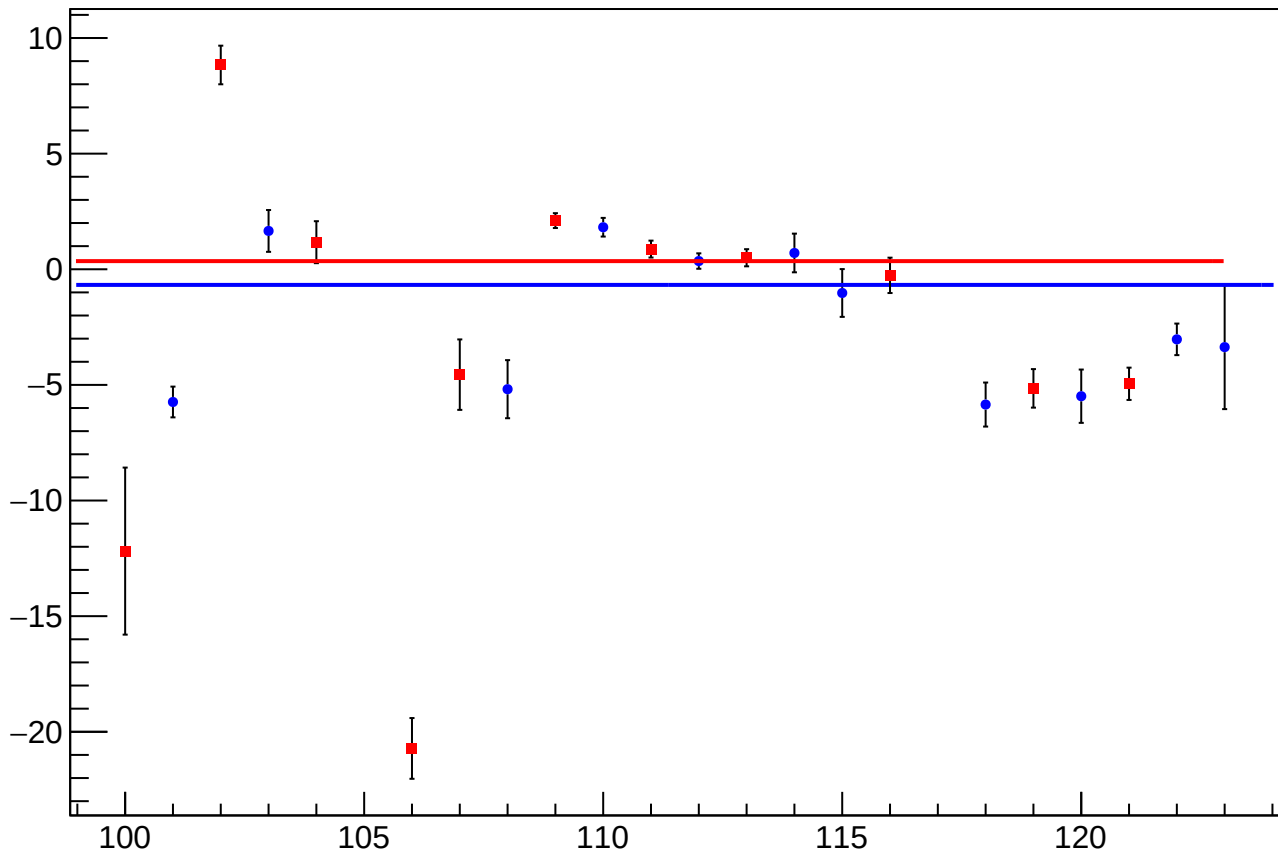
Right: -0.133+/-0.007 χ^2/NDF : 1345.8/21

In: -0.147+/-0.010 χ^2/NDF :446.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.133+/-0.007 χ^2/NDF : 1345.8/21

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.676 ± 0.197 χ^2/NDF : 188.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.352 ± 0.173 χ^2/NDF : 517.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

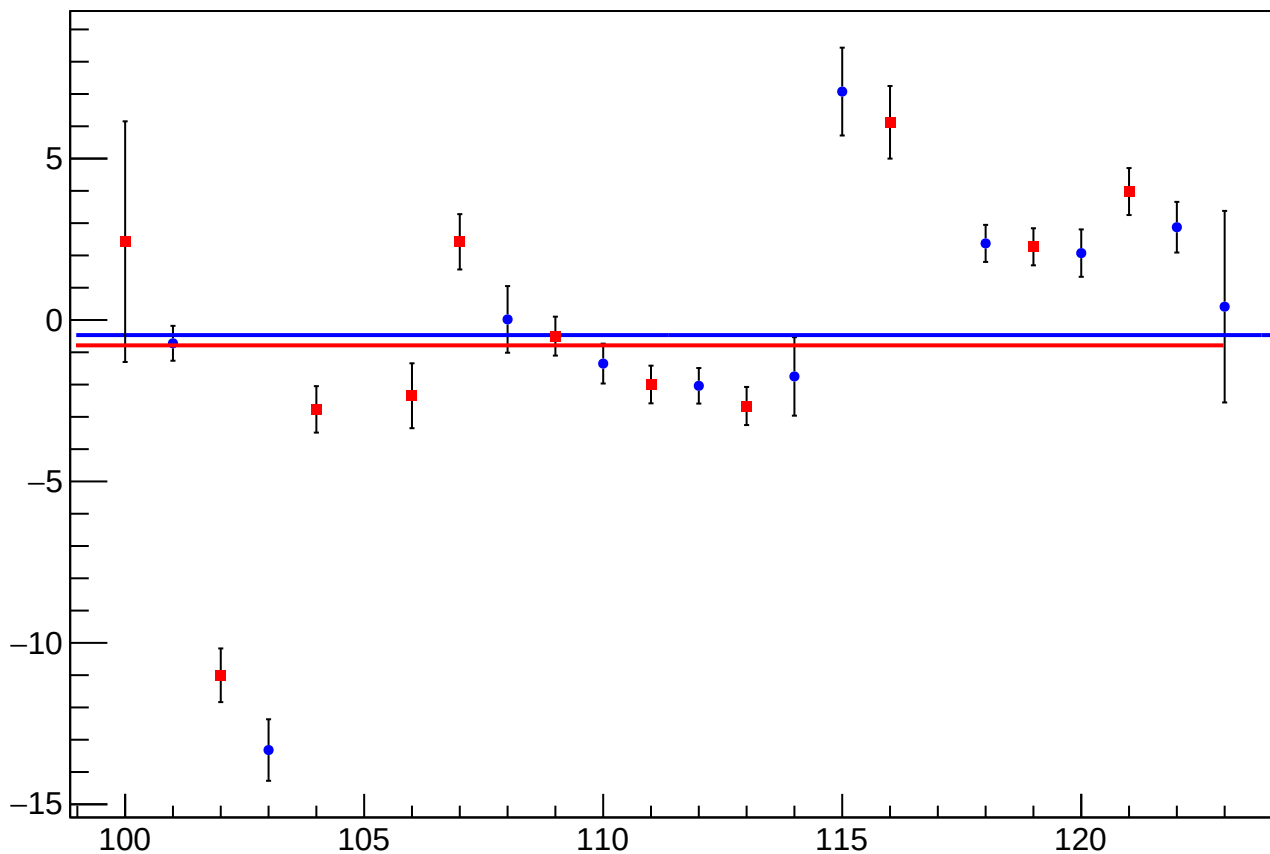
Right: -0.095 ± 0.130 χ^2/NDF : 721.1/21

In: -0.676 ± 0.197 χ^2/NDF : 188.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.095 ± 0.130 χ^2/NDF : 721.1/21

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.467 ± 0.228 χ^2/NDF : 279.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.785 ± 0.223 χ^2/NDF : 299.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

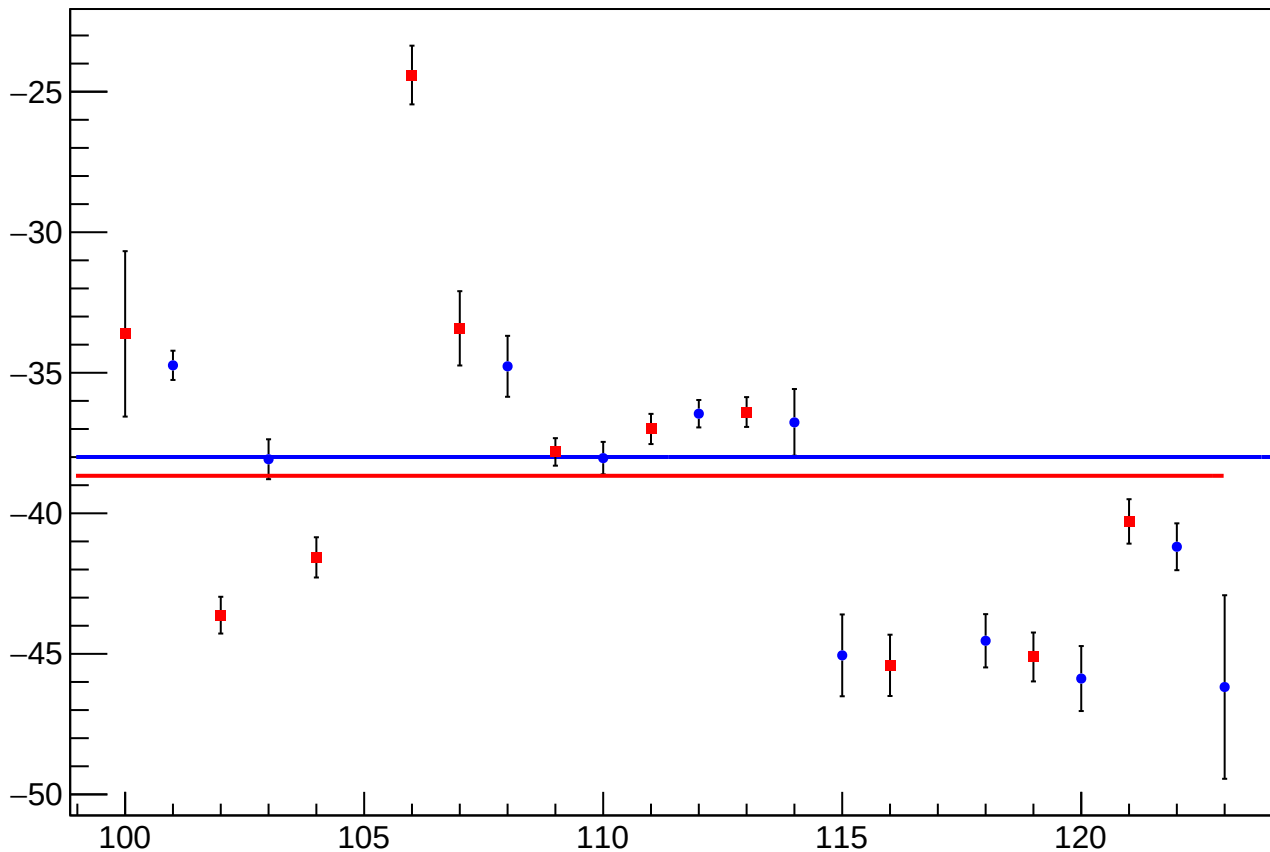
Right: -0.630 ± 0.159 χ^2/NDF : 579.6/21

In: -0.467 ± 0.228 χ^2/NDF : 279.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.630 ± 0.159 χ^2/NDF : 579.6/21

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.997 $\pm$ 0.234 χ^2 /NDF: 197.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.665 $\pm$ 0.219 χ^2 /NDF: 407.4/10

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

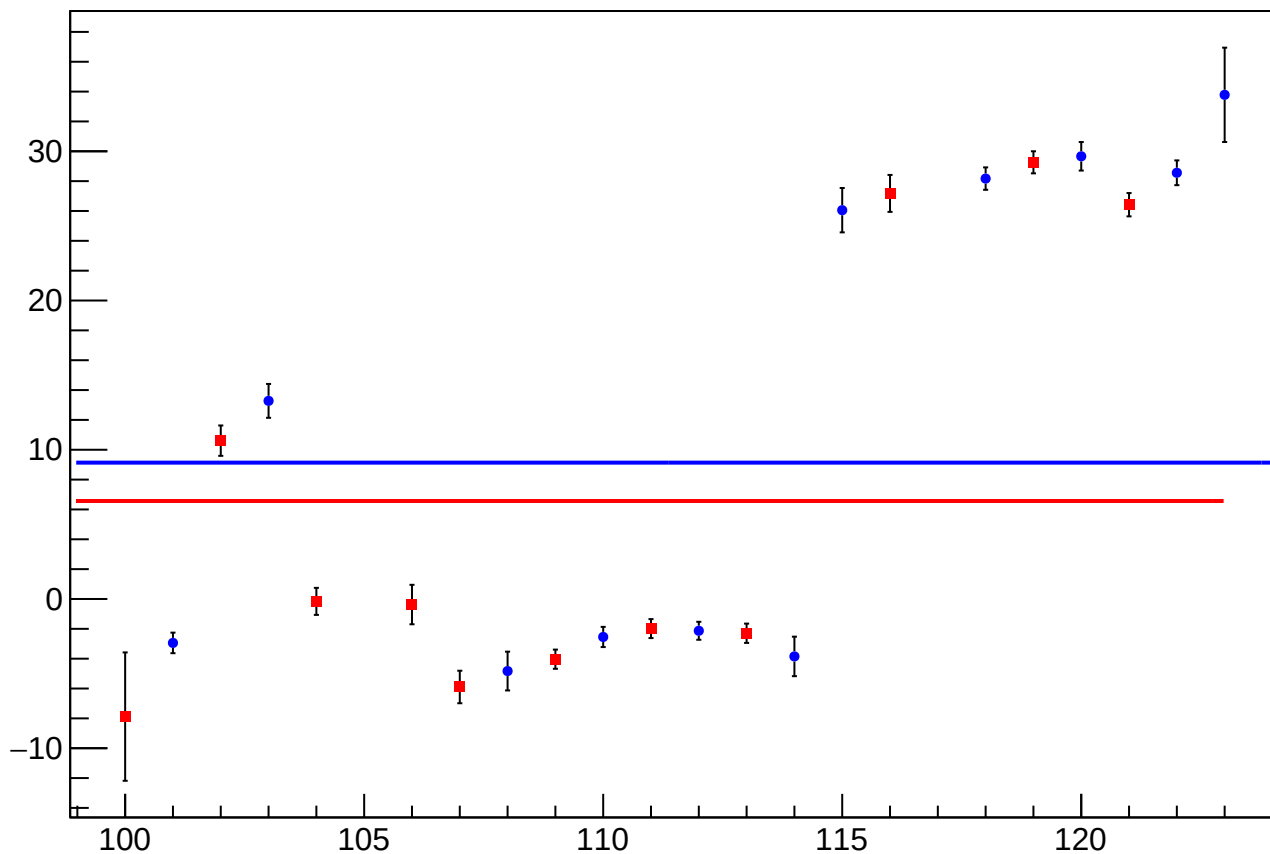
Right: -38.353 $\pm$ 0.160 χ^2 /NDF: 609.5/21

In: -37.997 $\pm$ 0.234 χ^2 /NDF:197.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.353 $\pm$ 0.160 χ^2 /NDF: 609.5/21

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.137+/-0.269 χ^2/NDF : 3022.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.567+/-0.258 χ^2/NDF : 2746.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

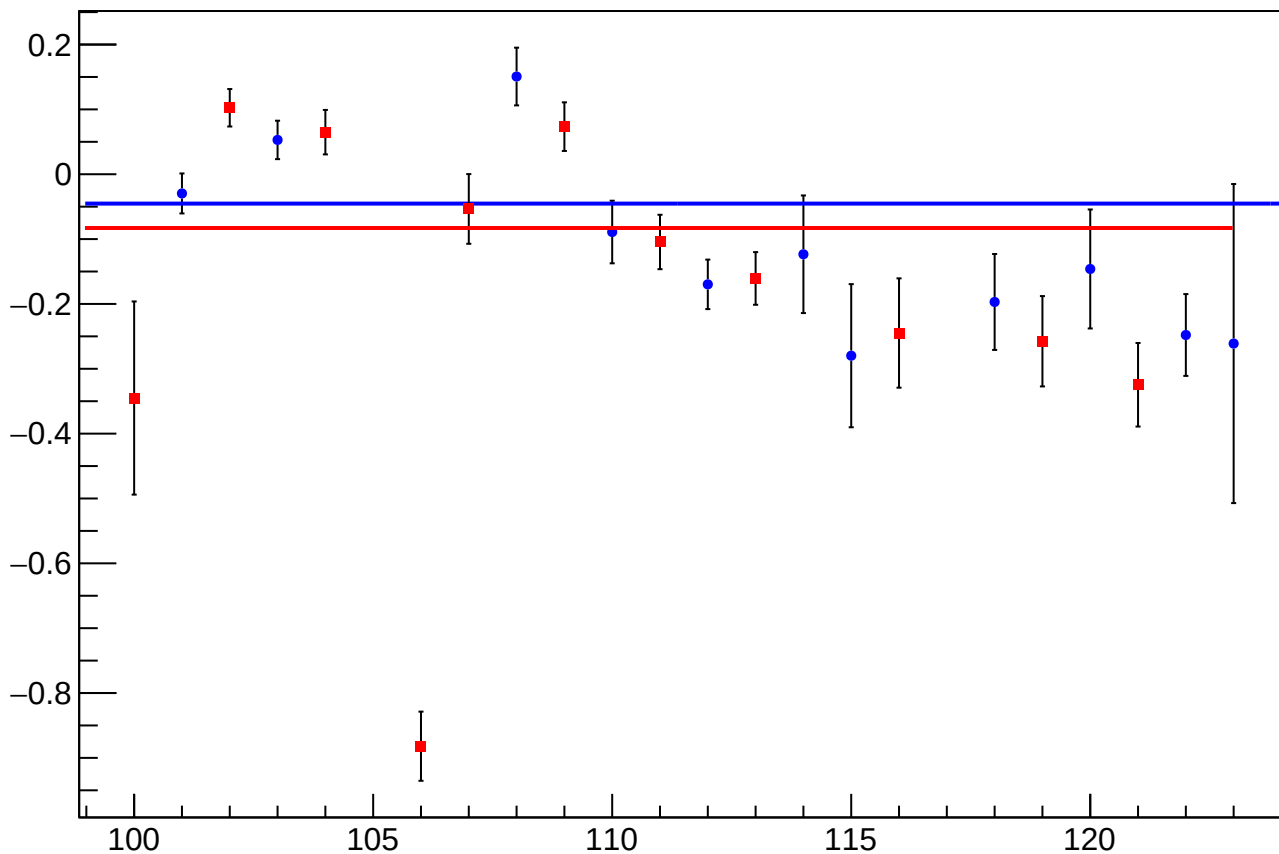
Right: 7.799+/-0.186 χ^2/NDF : 5816.4/21

In: 9.137+/-0.269 χ^2/NDF : 3022.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.799+/-0.186 χ^2/NDF : 5816.4/21

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.045 ± 0.015 χ^2/NDF : 63.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.083 ± 0.014 χ^2/NDF : 333.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

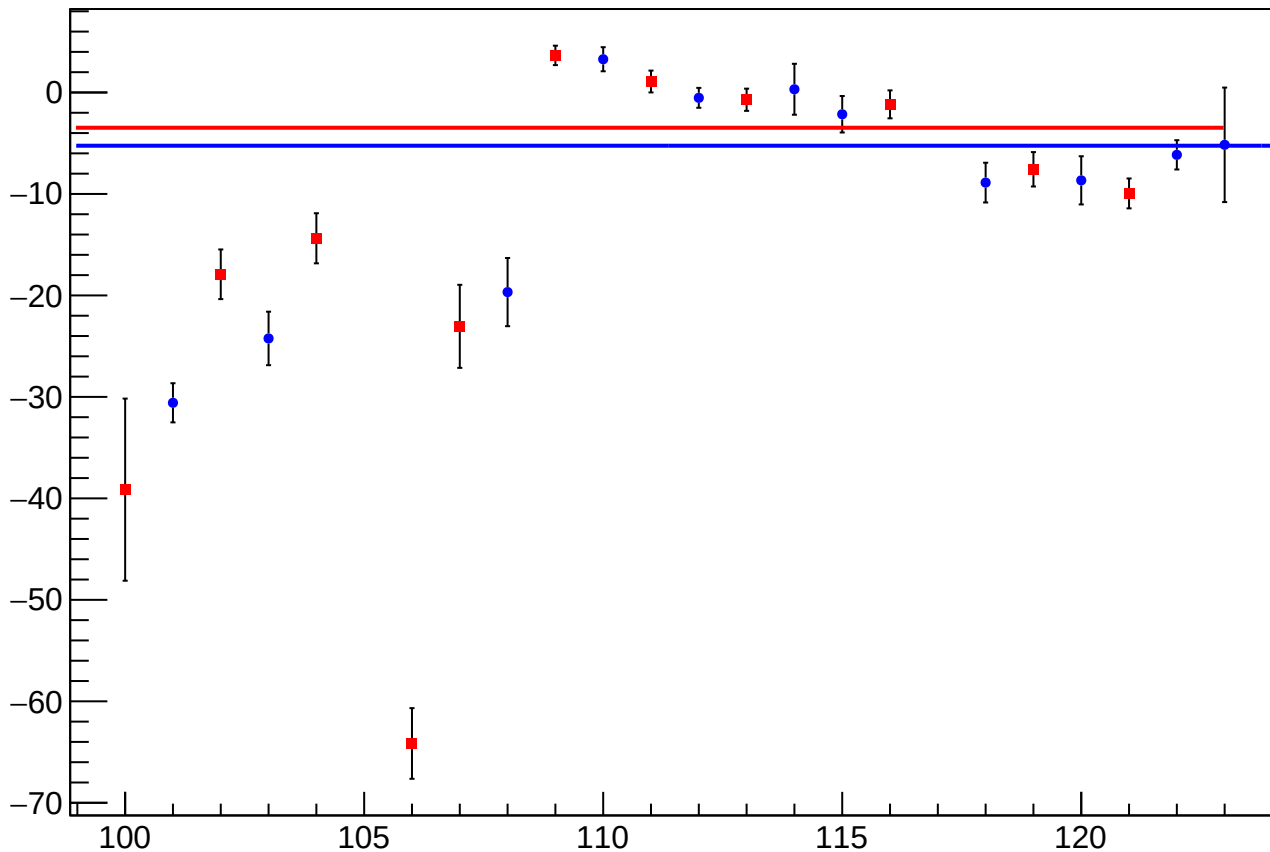
Right: -0.065 ± 0.010 χ^2/NDF : 400.3/21

In: -0.045 ± 0.015 χ^2/NDF : 63.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.010 χ^2/NDF : 400.3/21

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.247+/-0.522 χ^2 /NDF: 331.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.475+/-0.466 χ^2 /NDF: 504.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

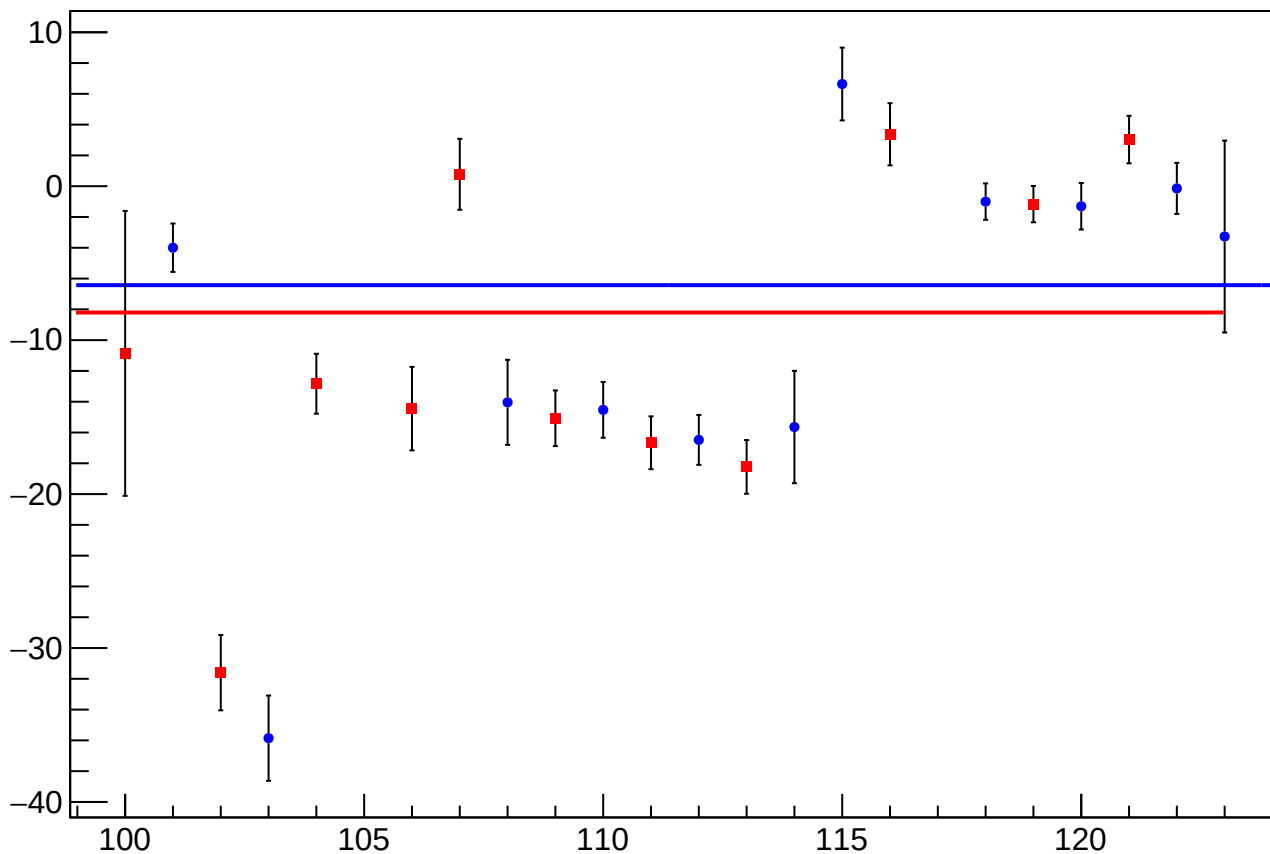
Right: -4.260+/-0.348 χ^2 /NDF: 841.9/21

In: -5.247+/-0.522 χ^2 /NDF:331.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.260+/-0.348 χ^2 /NDF: 841.9/21

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.564 χ^2/NDF : 265.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.204+/-0.566 χ^2/NDF : 310.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

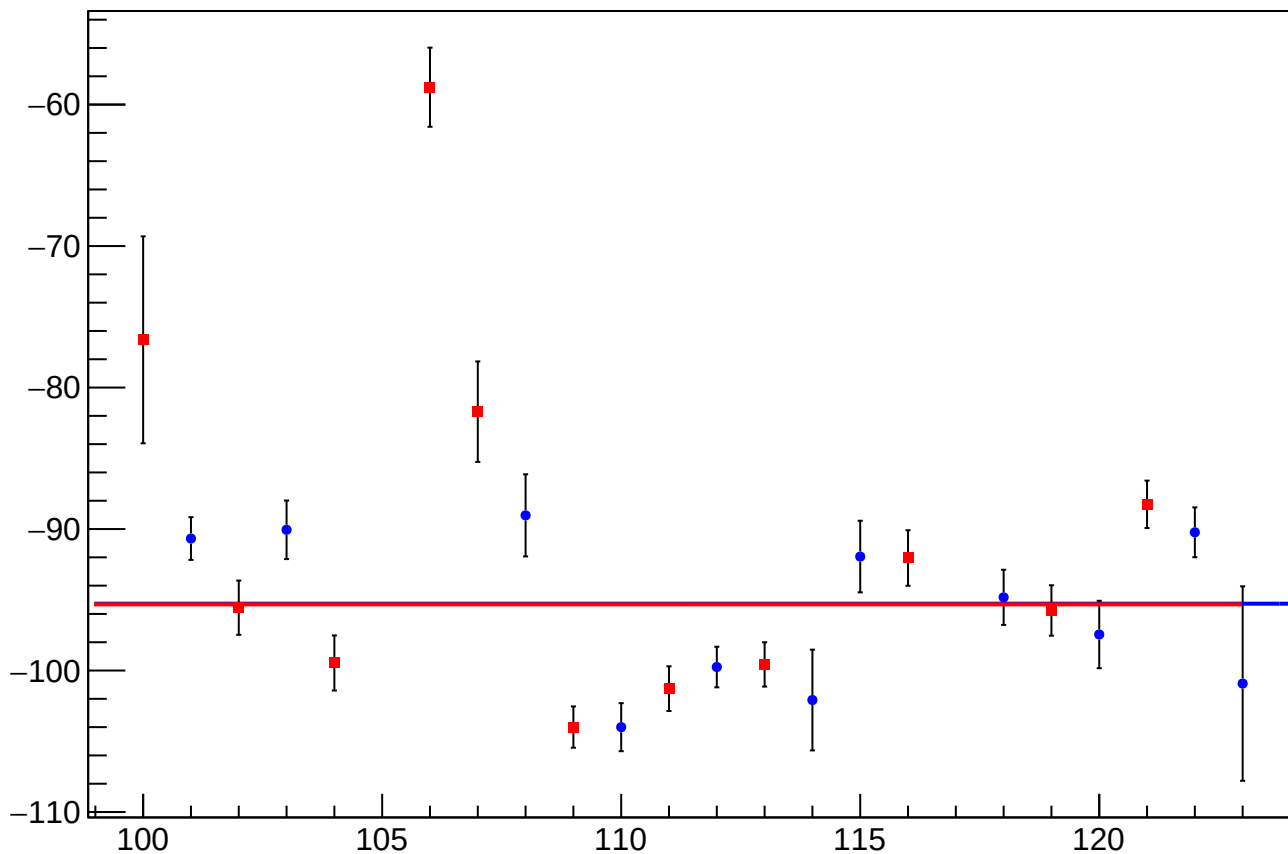
Right: -7.312+/-0.399 χ^2/NDF : 581.4/21

In: -6.428+/-0.564 χ^2/NDF : 265.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.312+/-0.399 χ^2/NDF : 581.4/21

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.275+/-0.615 χ^2/NDF : 71.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.325+/-0.580 χ^2/NDF : 274.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

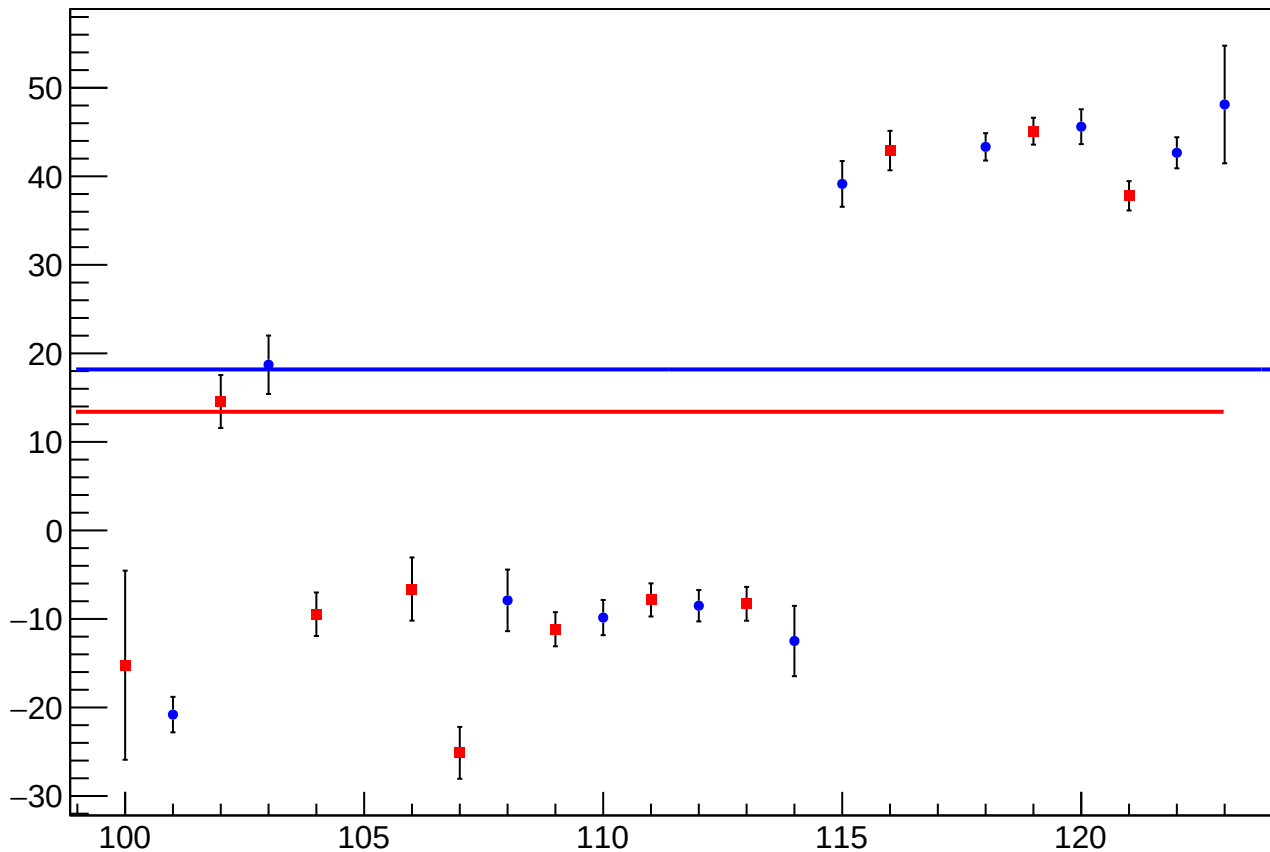
Right: -95.302+/-0.422 χ^2/NDF : 345.8/21

In: -95.275+/-0.615 χ^2/NDF : 71.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.302+/-0.422 χ^2/NDF : 345.8/21

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.187+/-0.669 χ^2/NDF : 1659.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.403+/-0.658 χ^2/NDF : 1546.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

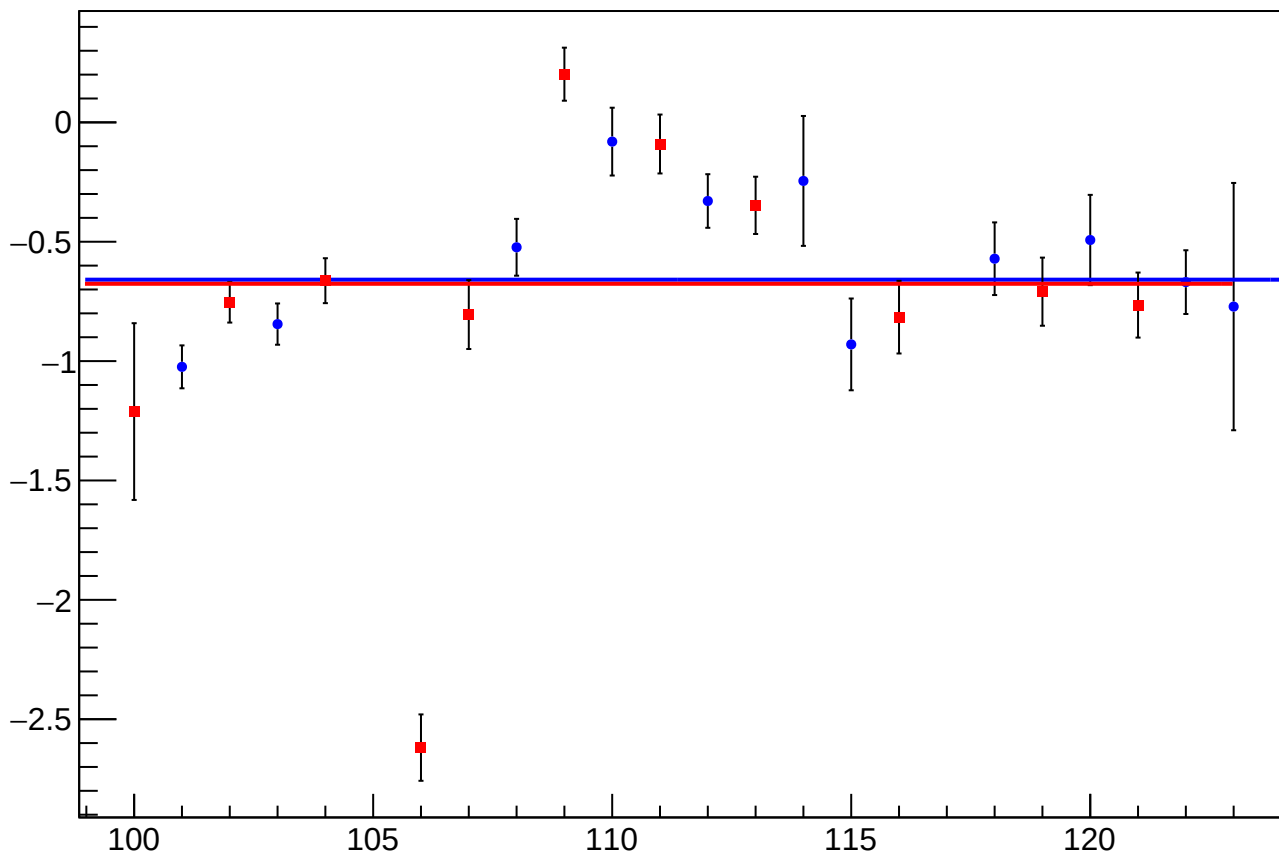
Right: 15.754+/-0.469 χ^2/NDF : 3232.1/21

In: 18.187+/-0.669 χ^2/NDF : 1659.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.754+/-0.469 χ^2/NDF : 3232.1/21

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.659+/-0.040 χ^2 /NDF: 53.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.676+/-0.037 χ^2 /NDF: 292.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

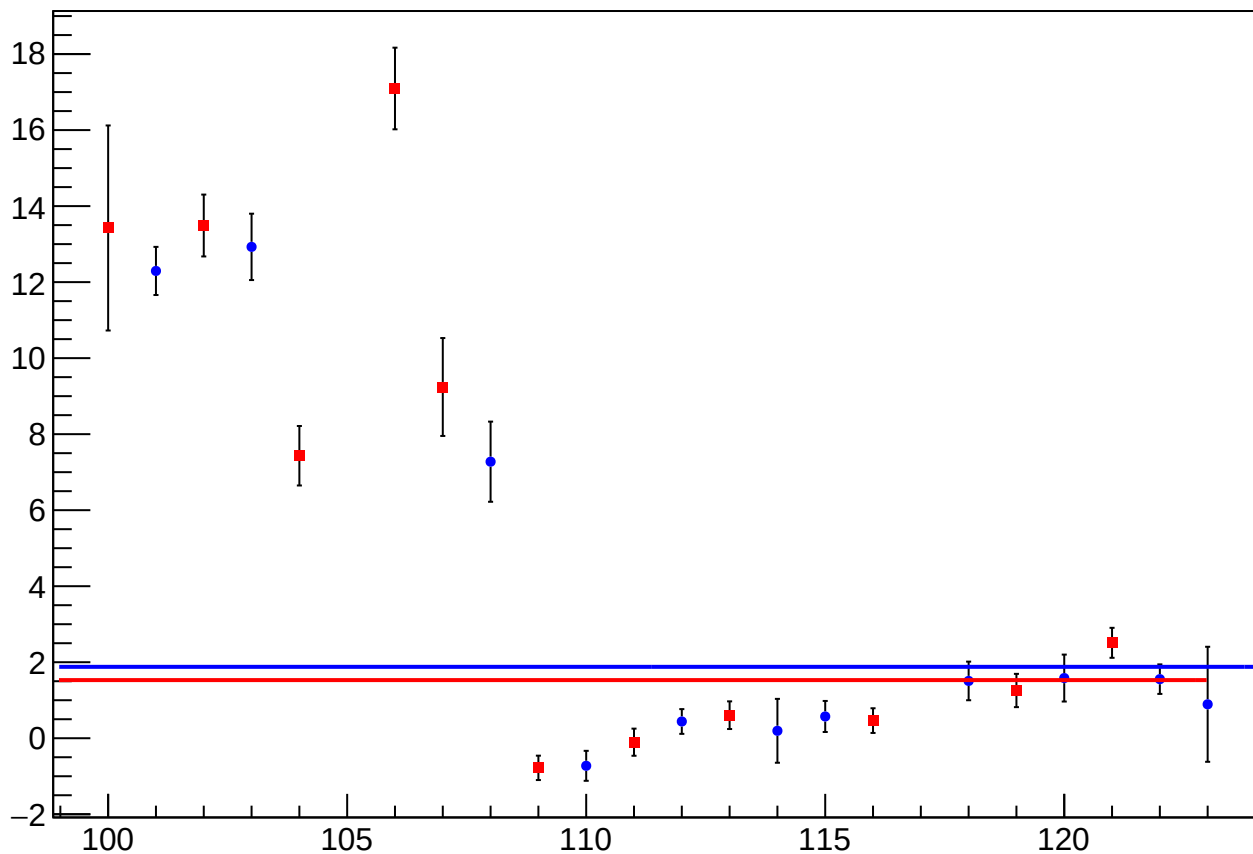
Right: -0.668+/-0.027 χ^2 /NDF: 346.0/21

In: -0.659+/-0.040 χ^2 /NDF:53.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.668+/-0.027 χ^2 /NDF: 346.0/21

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.879+/-0.155 χ^2/NDF : 536.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.529+/-0.140 χ^2/NDF : 634.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

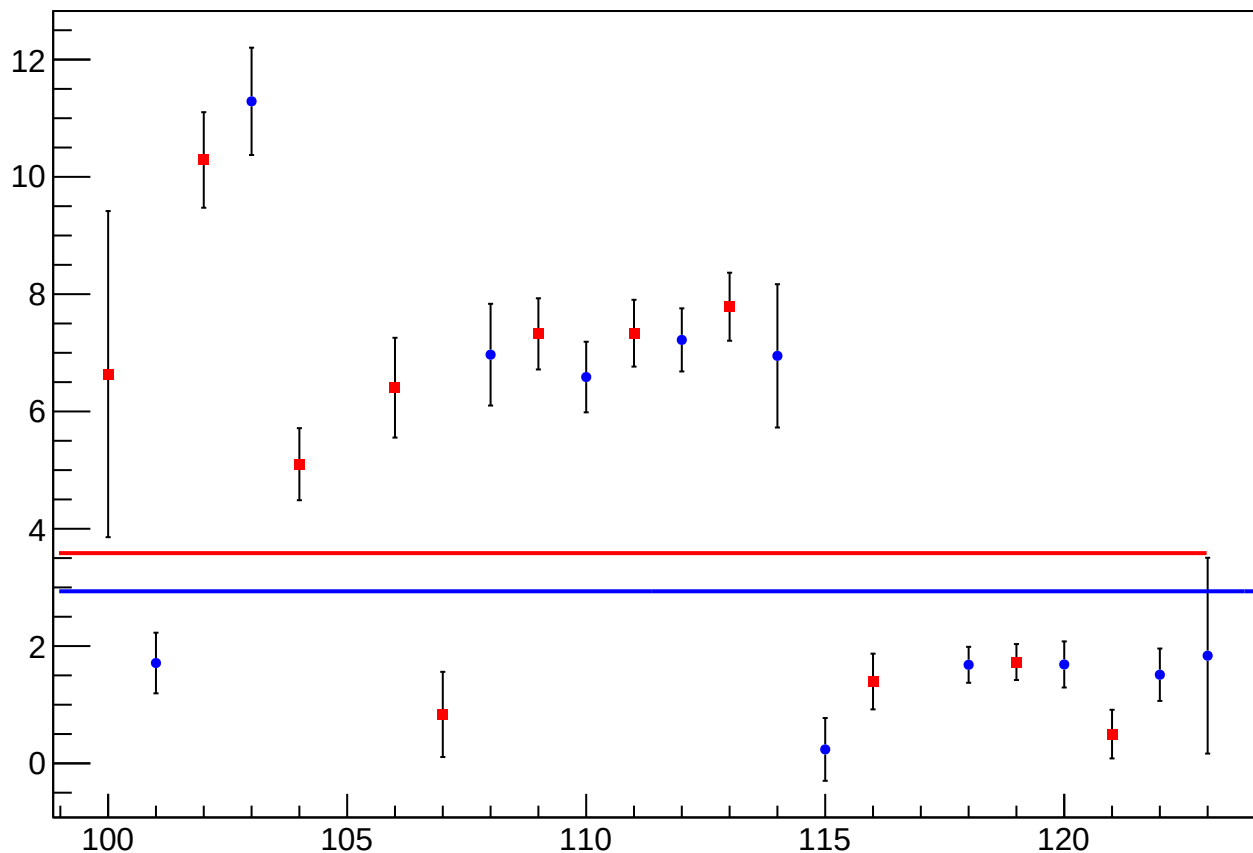
Right: 1.686+/-0.104 χ^2/NDF : 1173.8/21

In: 1.879+/-0.155 χ^2/NDF : 536.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.686+/-0.104 χ^2/NDF : 1173.8/21

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.934+/-0.160 χ^2/NDF : 284.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.585+/-0.164 χ^2/NDF : 347.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

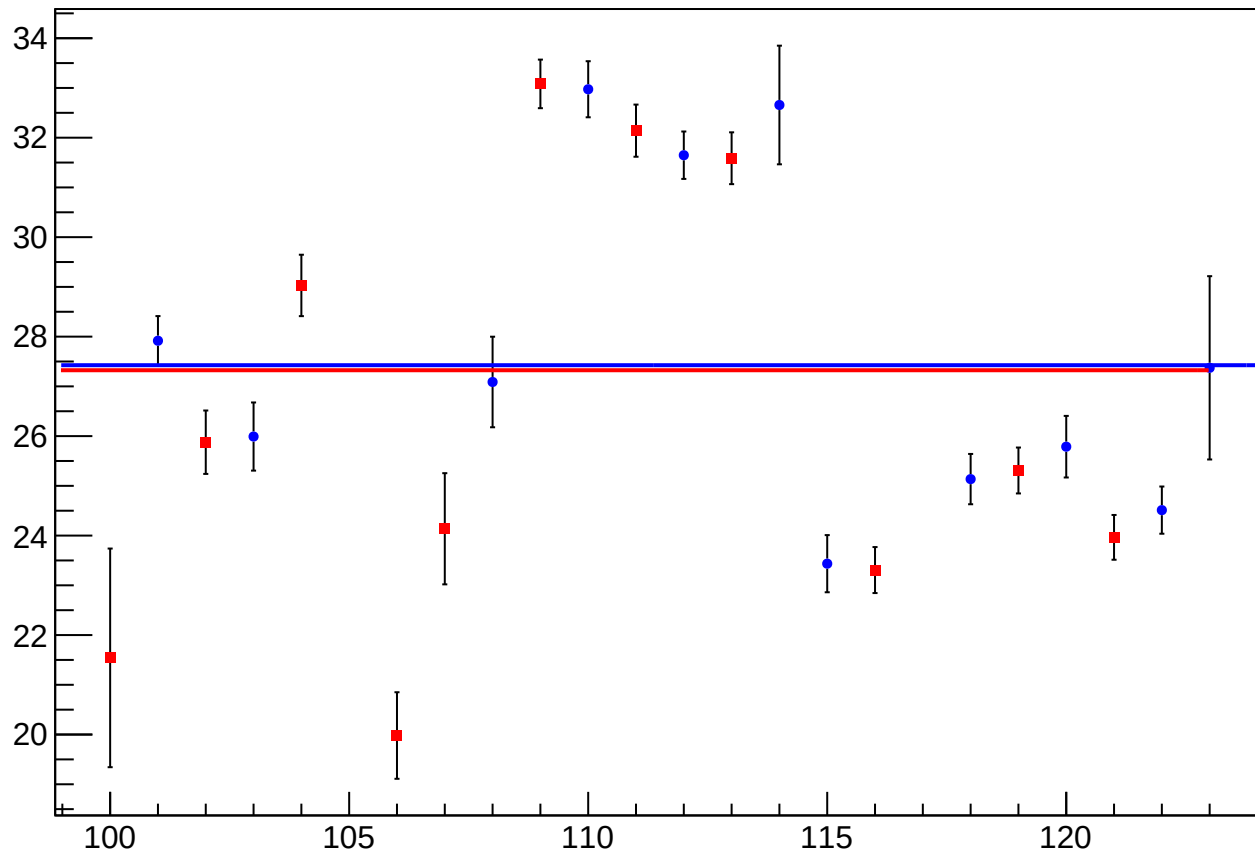
Right: 3.251+/-0.114 χ^2/NDF : 640.0/21

In: 2.934+/-0.160 χ^2/NDF : 284.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.251+/-0.114 χ^2/NDF : 640.0/21

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.426+/-0.183 χ^2/NDF : 313.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.324+/-0.173 χ^2/NDF : 539.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

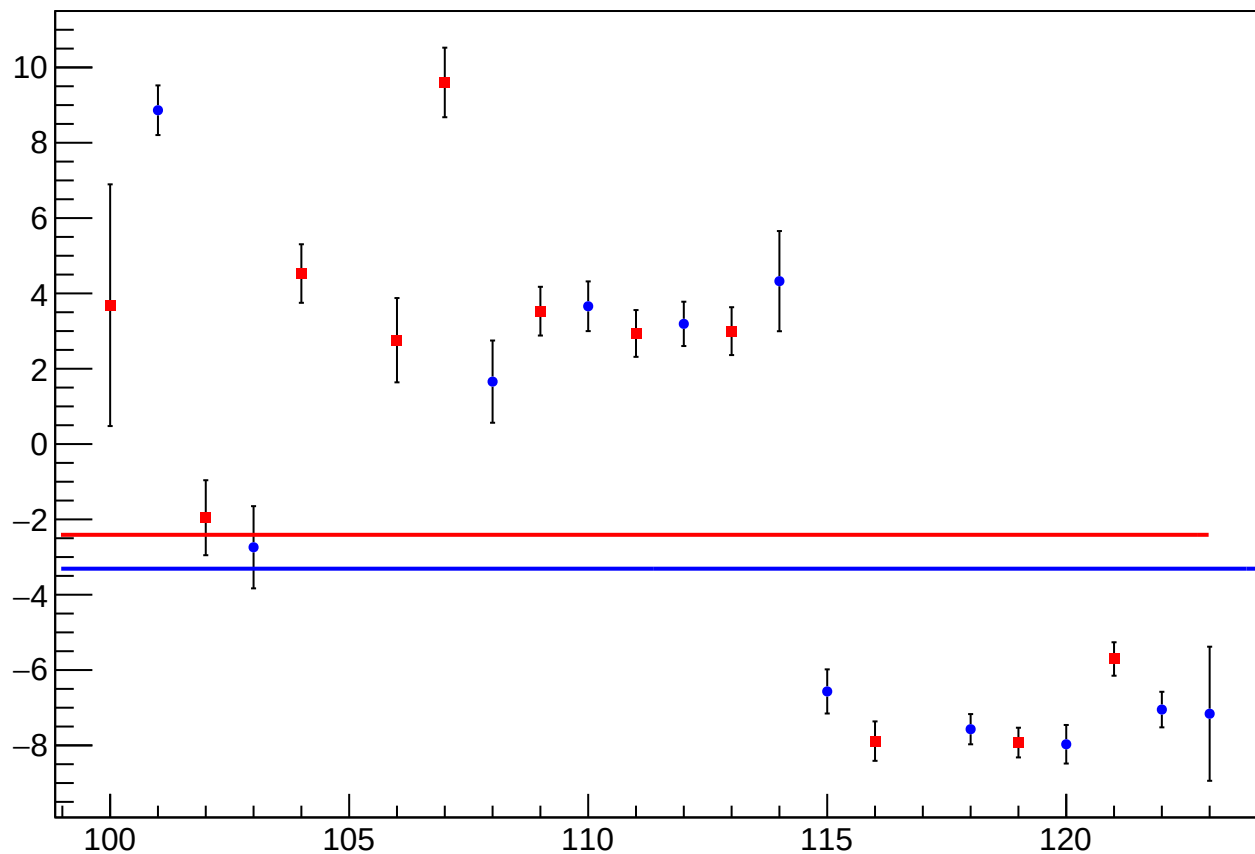
Right: 27.372+/-0.126 χ^2/NDF : 853.4/21

In: 27.426+/-0.183 χ^2/NDF : 313.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.372+/-0.126 χ^2/NDF : 853.4/21

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.309+/-0.191 χ^2/NDF : 922.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.409+/-0.191 χ^2/NDF : 864.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

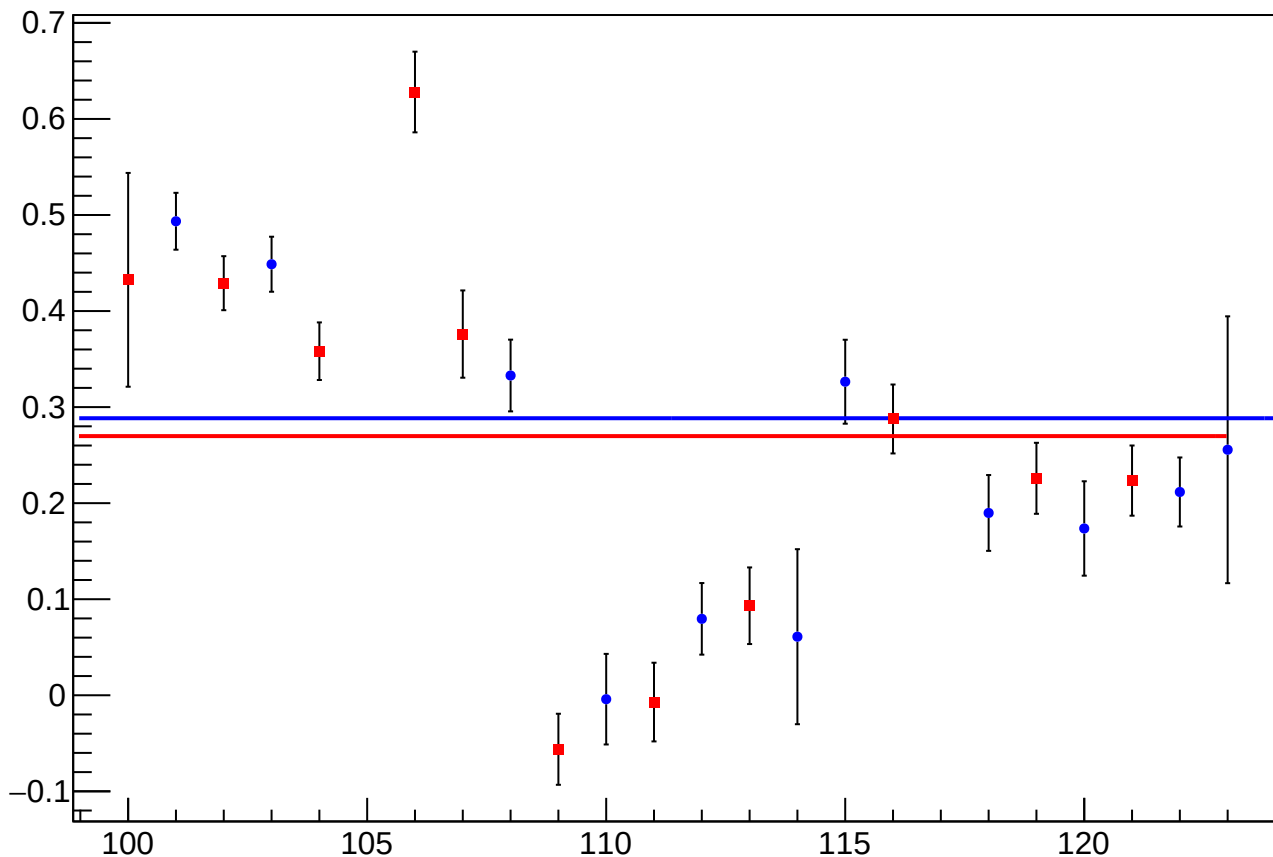
Right: -2.860+/-0.135 χ^2/NDF : 1798.5/21

In: -3.309+/-0.191 χ^2/NDF : 922.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.860+/-0.135 χ^2/NDF : 1798.5/21

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.288 $\pm$ 0.012 χ^2 /NDF: 173.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.270 $\pm$ 0.011 χ^2 /NDF: 267.4/10

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

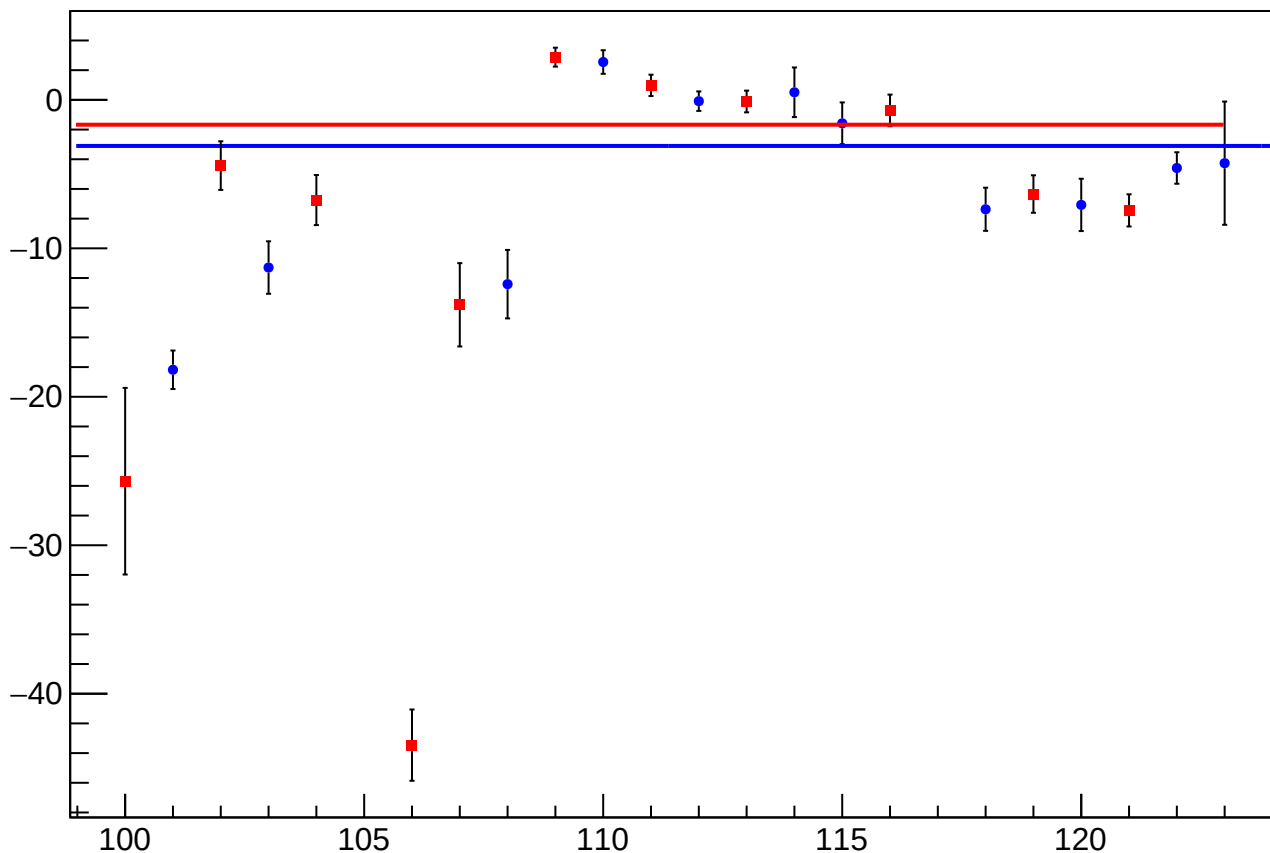
Right: 0.279 $\pm$ 0.008 χ^2 /NDF: 442.6/21

In: 0.288 $\pm$ 0.012 χ^2 /NDF:173.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.279 $\pm$ 0.008 χ^2 /NDF: 442.6/21

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.103+/-0.362 χ^2/NDF : 266.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.673+/-0.322 χ^2/NDF : 459.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

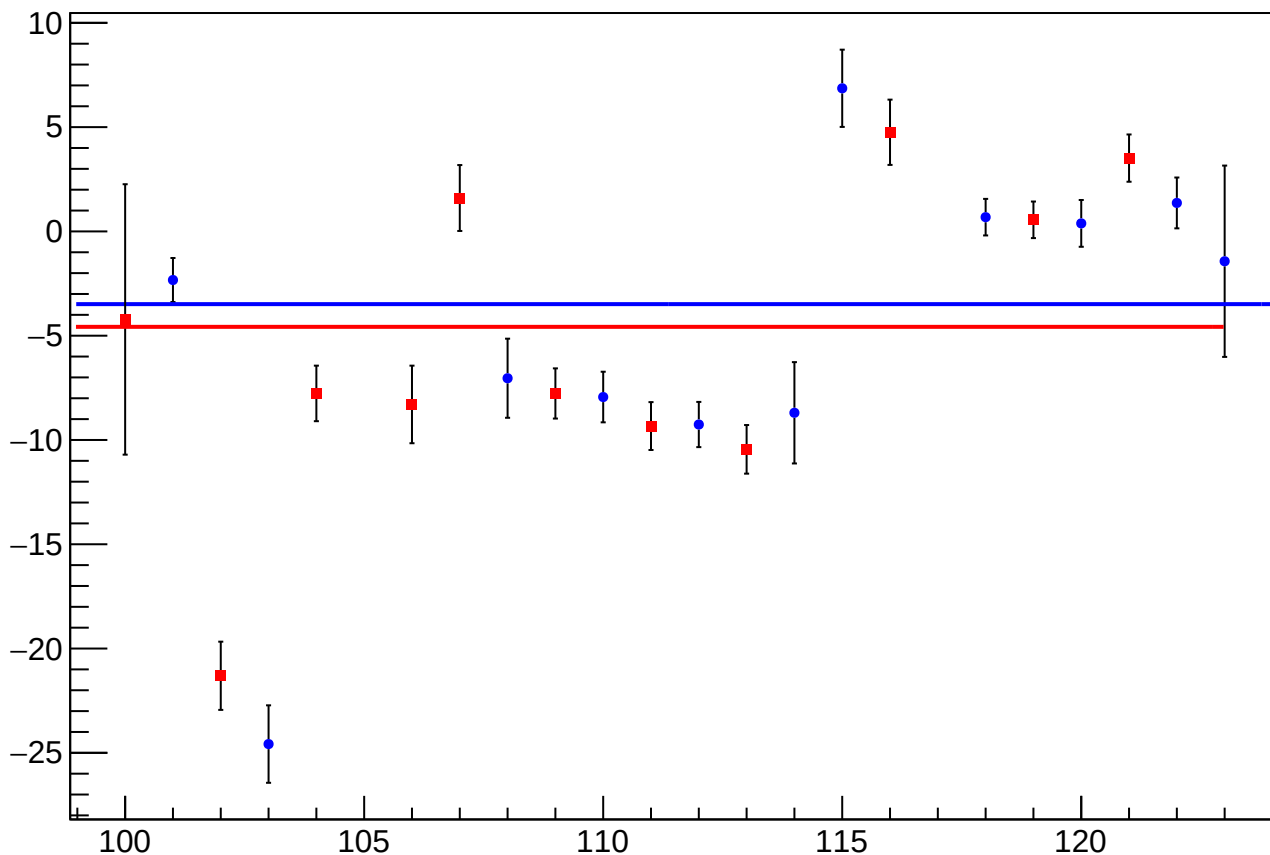
Right: -2.304+/-0.241 χ^2/NDF : 735.0/21

In: -3.103+/-0.362 χ^2/NDF : 266.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.304+/-0.241 χ^2/NDF : 735.0/21

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.487+/-0.399 χ^2/NDF : 262.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.575+/-0.398 χ^2/NDF : 300.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

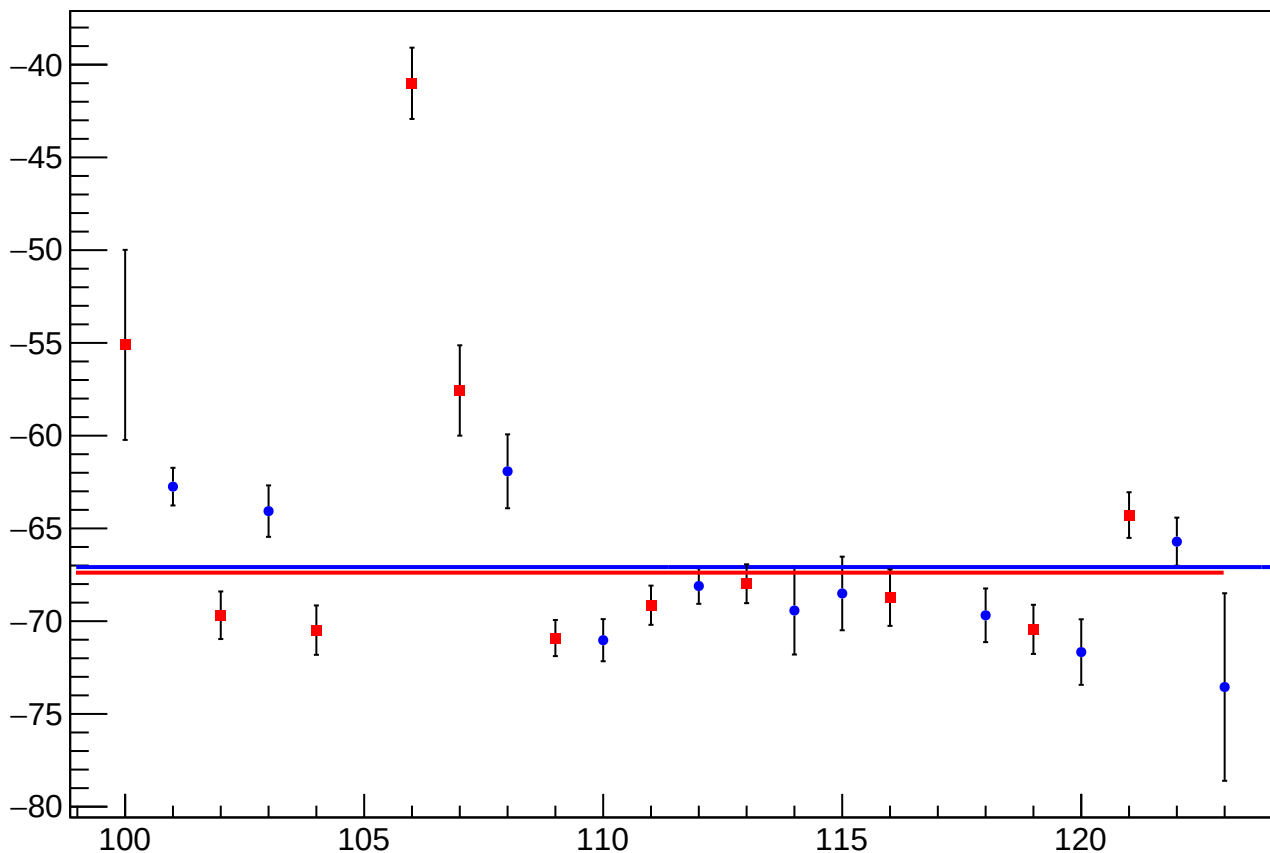
Right: -4.033+/-0.282 χ^2/NDF : 565.8/21

In: -3.487+/-0.399 χ^2/NDF : 262.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.033+/-0.282 χ^2/NDF : 565.8/21

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.084 $\pm$ 0.428 χ^2 /NDF: 57.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.384 $\pm$ 0.402 χ^2 /NDF: 247.7/10

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

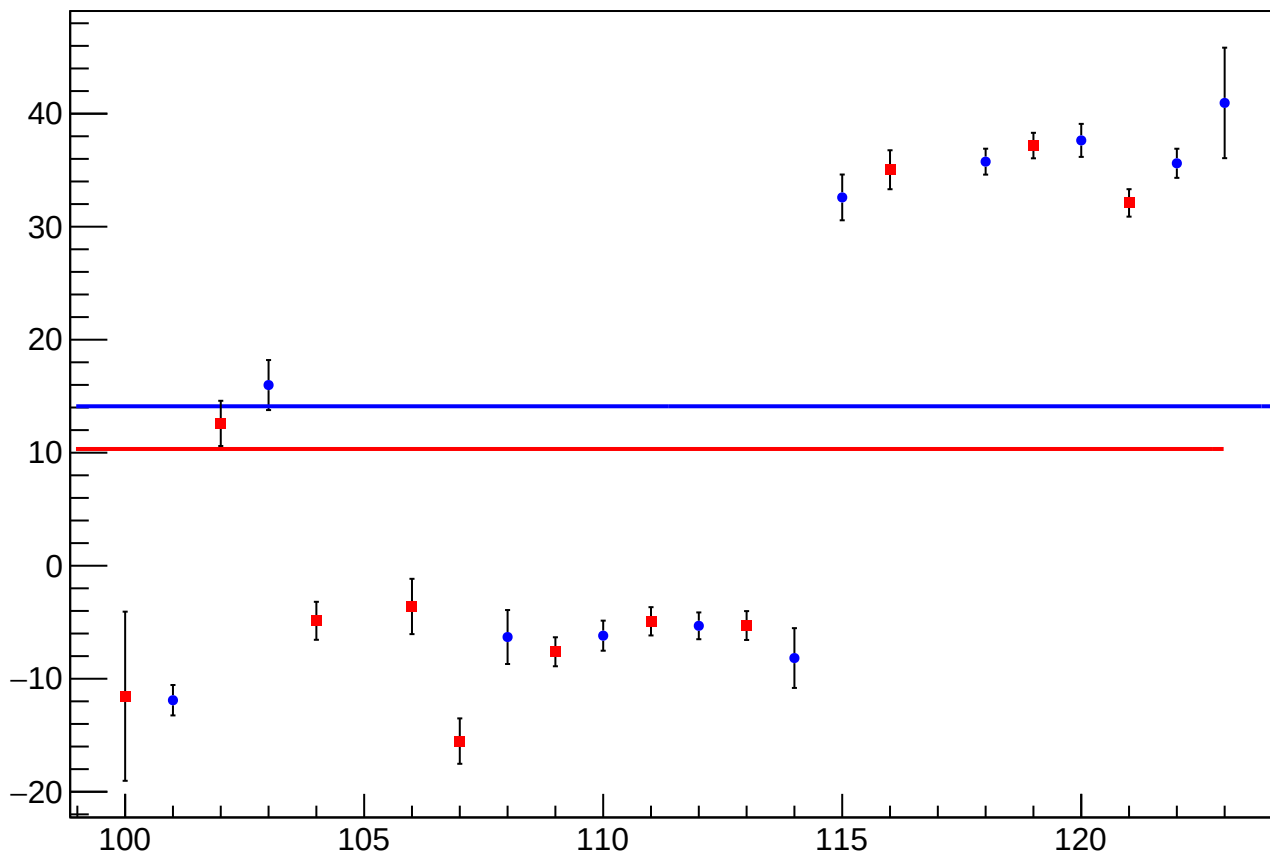
Right: -67.243 $\pm$ 0.293 χ^2 /NDF: 305.1/21

In: -67.084 $\pm$ 0.428 χ^2 /NDF:57.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.243 $\pm$ 0.293 χ^2 /NDF: 305.1/21

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.109+/-0.473 χ^2/NDF : 2027.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.330+/-0.462 χ^2/NDF : 1876.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

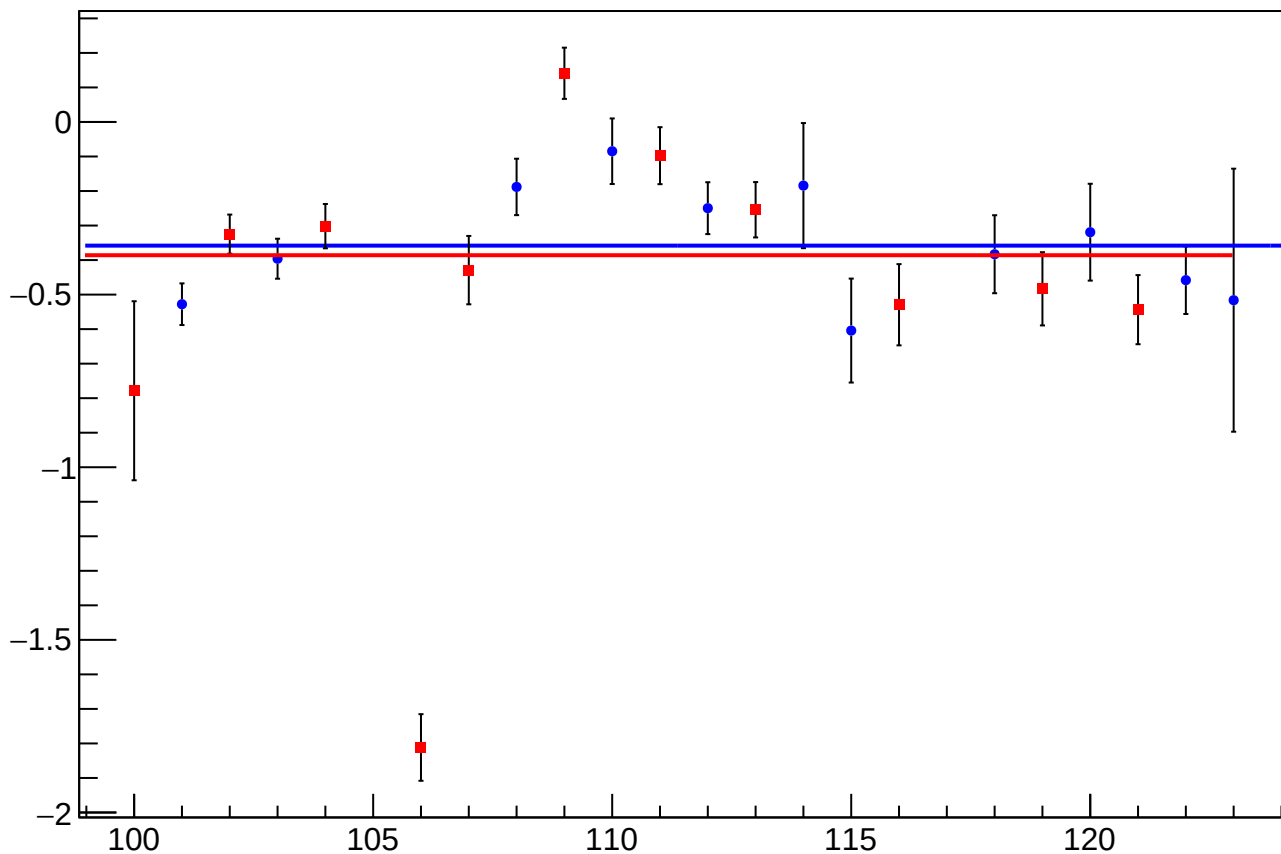
Right: 12.173+/-0.330 χ^2/NDF : 3936.0/21

In: 14.109+/-0.473 χ^2/NDF : 2027.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.173+/-0.330 χ^2/NDF : 3936.0/21

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.358 ± 0.027 χ^2/NDF : 28.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.386 ± 0.026 χ^2/NDF : 293.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

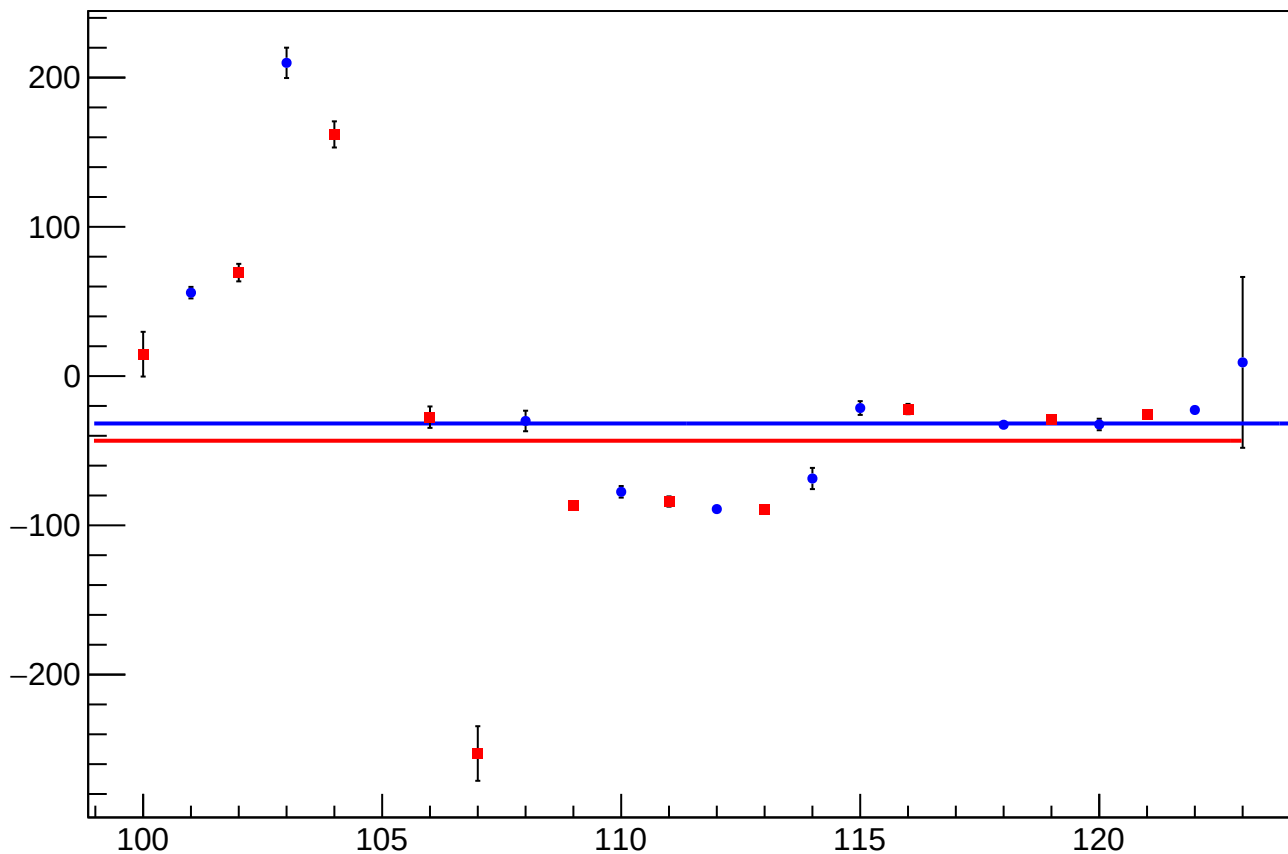
Right: -0.373 ± 0.019 χ^2/NDF : 322.3/21

In: -0.358 ± 0.027 χ^2/NDF : 28.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.373 ± 0.019 χ^2/NDF : 322.3/21

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.752 ± 1.286 χ^2/NDF : 1596.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.313 ± 1.242 χ^2/NDF : 1657.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

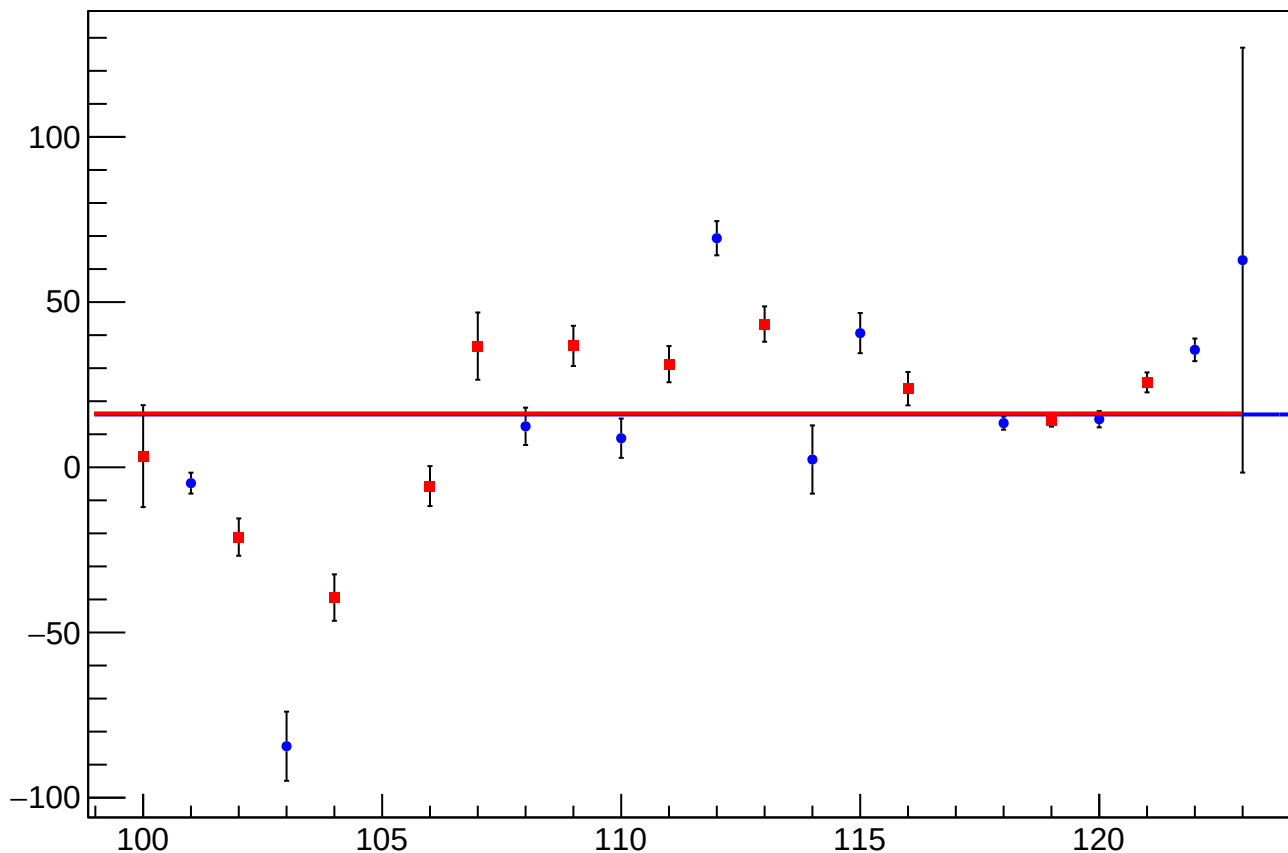
Right: -37.737 ± 0.893 χ^2/NDF : 3295.8/21

In: -31.752 ± 1.286 χ^2/NDF : 1596.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.737 ± 0.893 χ^2/NDF : 3295.8/21

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.993+/-1.160 χ^2 /NDF: 296.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.306+/-1.282 χ^2 /NDF: 182.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

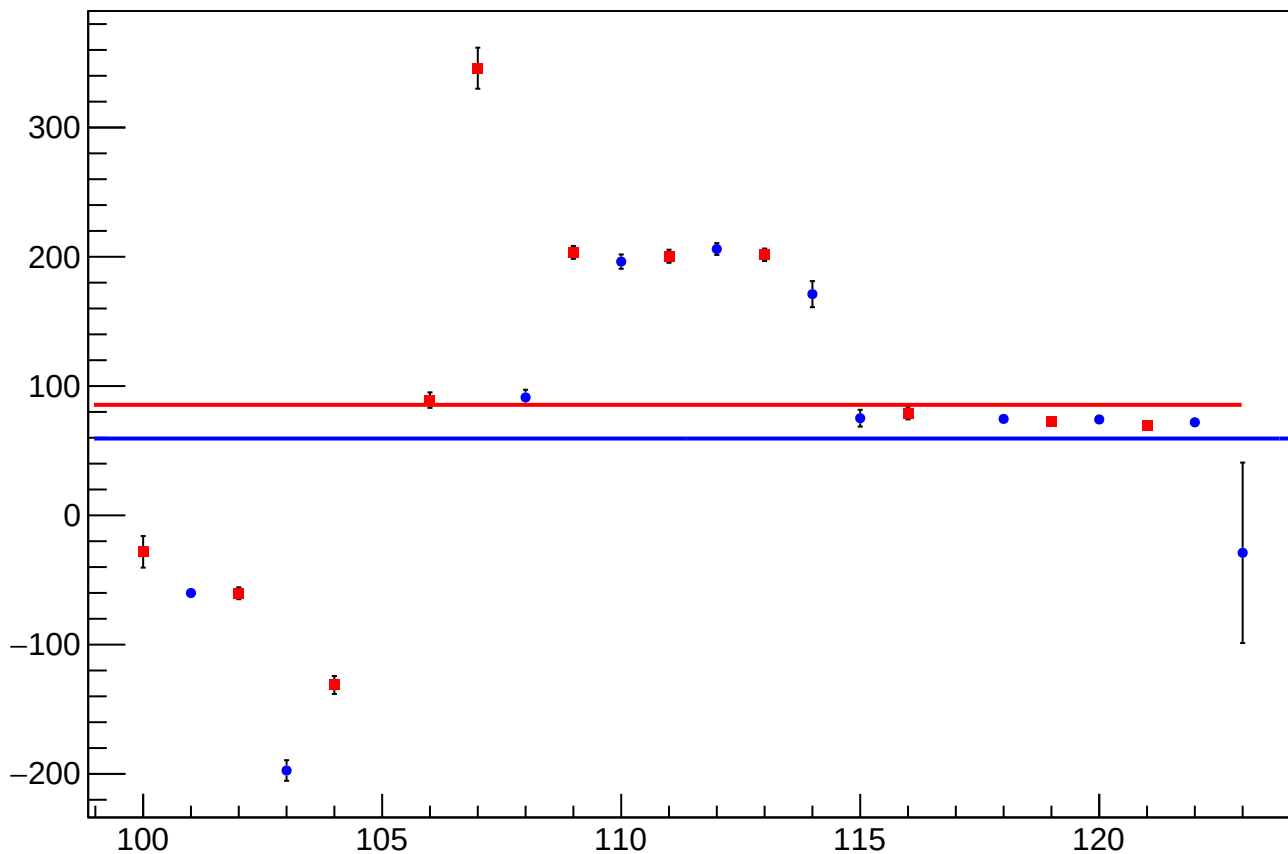
Right: 16.134+/-0.860 χ^2 /NDF: 478.7/21

In: 15.993+/-1.160 χ^2 /NDF:296.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 16.134+/-0.860 χ^2 /NDF: 478.7/21

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.410+/-1.413 χ^2/NDF : 4437.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.484+/-1.445 χ^2/NDF : 4056.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

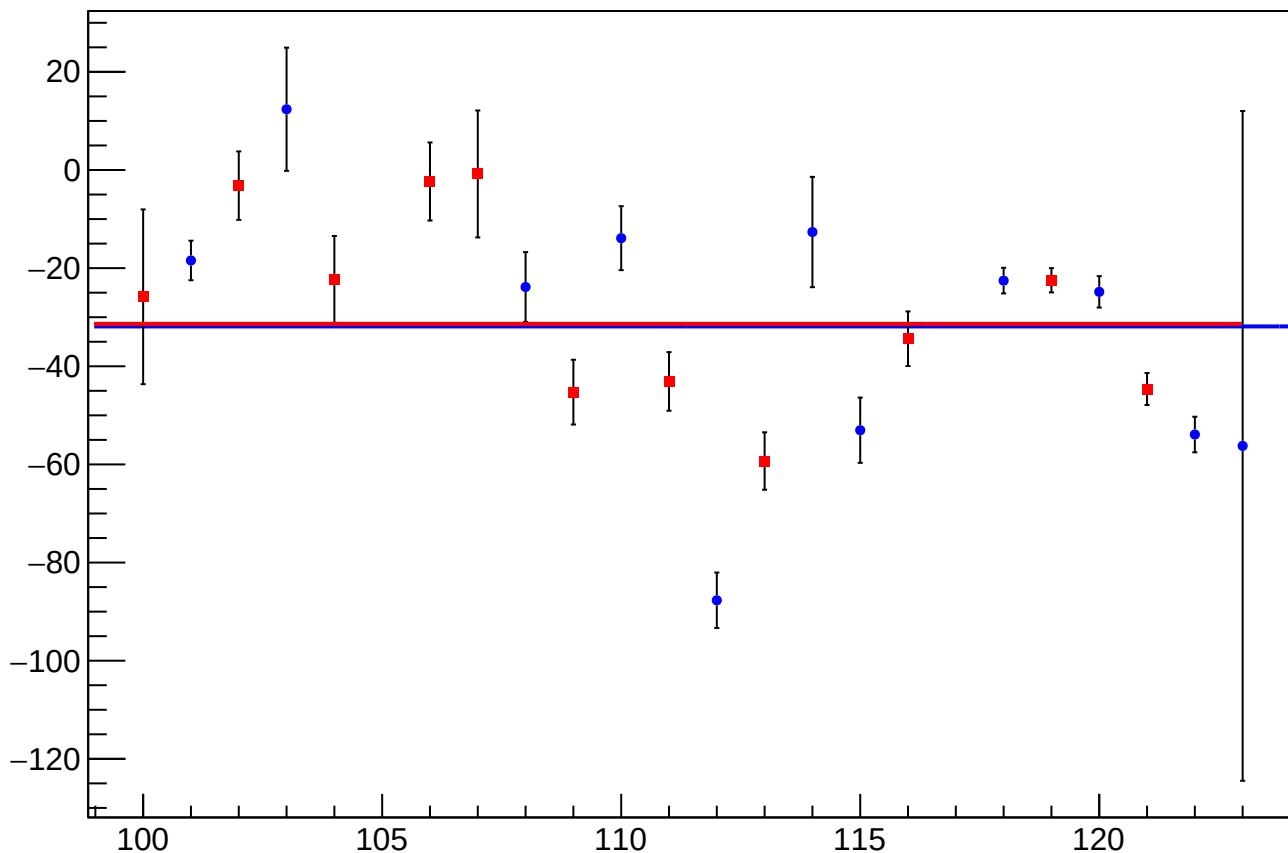
Right: 72.152+/-1.010 χ^2/NDF : 8660.3/21

In: 59.410+/-1.413 χ^2/NDF : 4437.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.152+/-1.010 χ^2/NDF : 8660.3/21

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.880+/-1.423 χ^2/NDF : 197.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.356+/-1.528 χ^2/NDF : 97.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

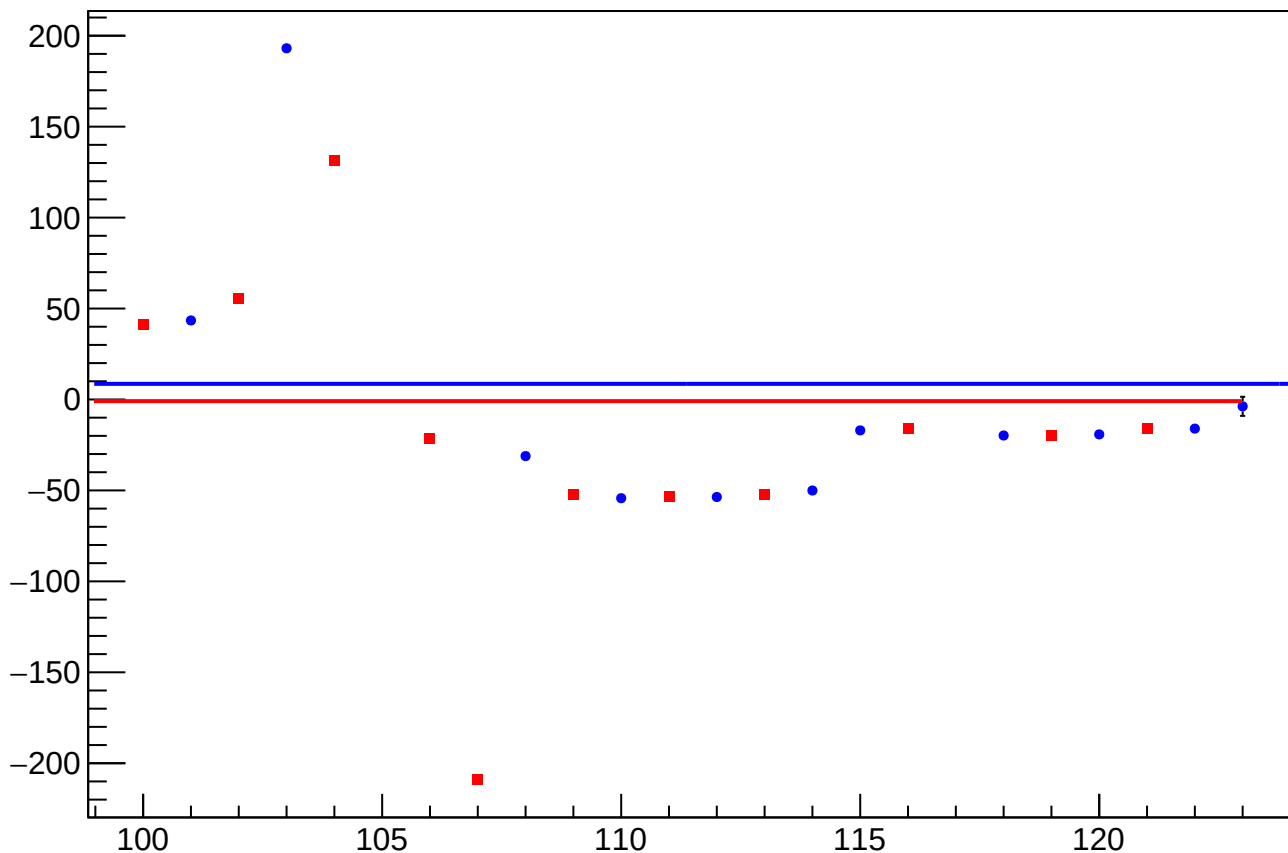
Right: -31.636+/-1.041 χ^2/NDF : 294.9/21

In: -31.880+/-1.423 χ^2/NDF : 197.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.636+/-1.041 χ^2/NDF : 294.9/21

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 8.591+/-0.094 χ^2/NDF : 451484.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.907+/-0.095 χ^2/NDF : 414704.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

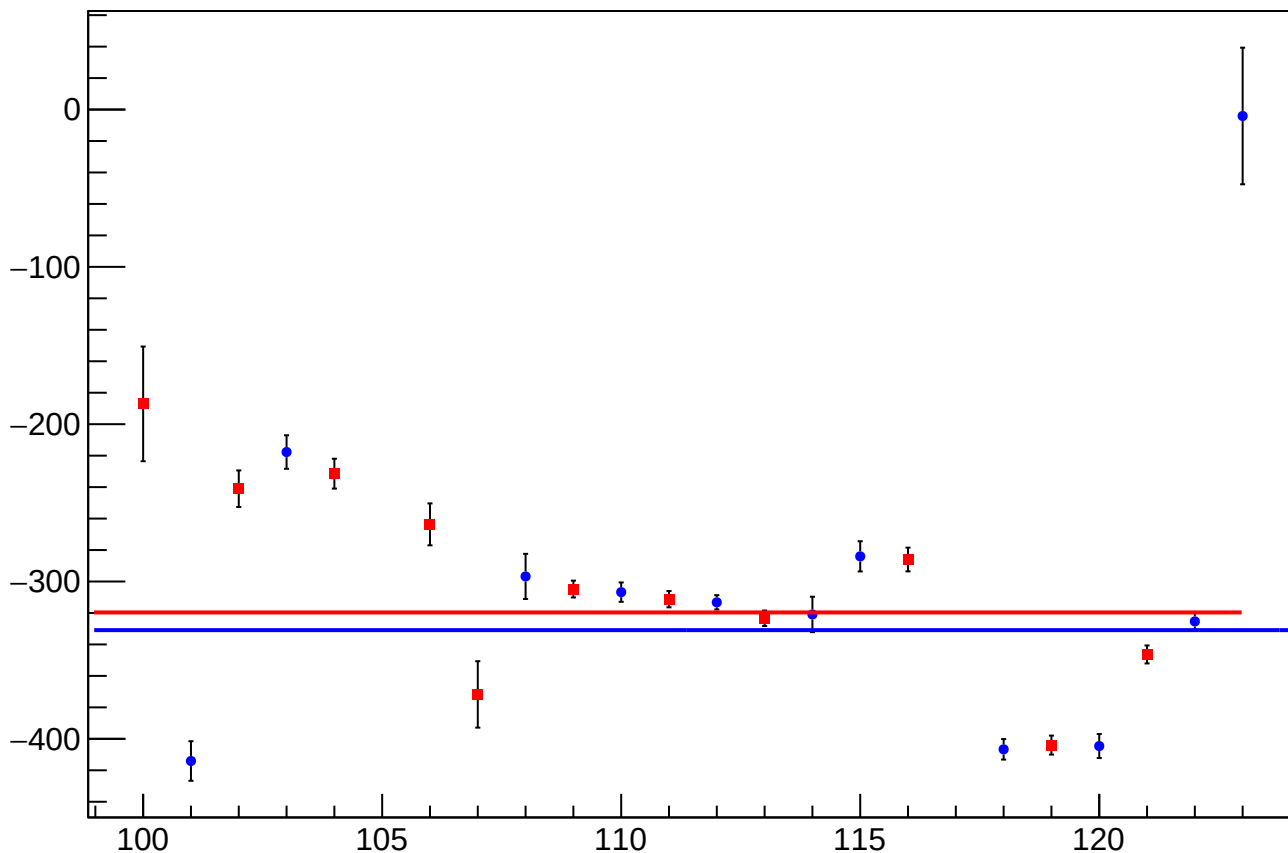
Right: 3.889+/-0.067 χ^2/NDF : 871282.8/21

In: 8.591+/-0.094 χ^2/NDF : 451484.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.889+/-0.067 χ^2/NDF : 871282.8/21

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -330.906+/-2.340 χ^2/NDF : 503.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -319.655+/-2.152 χ^2/NDF : 416.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

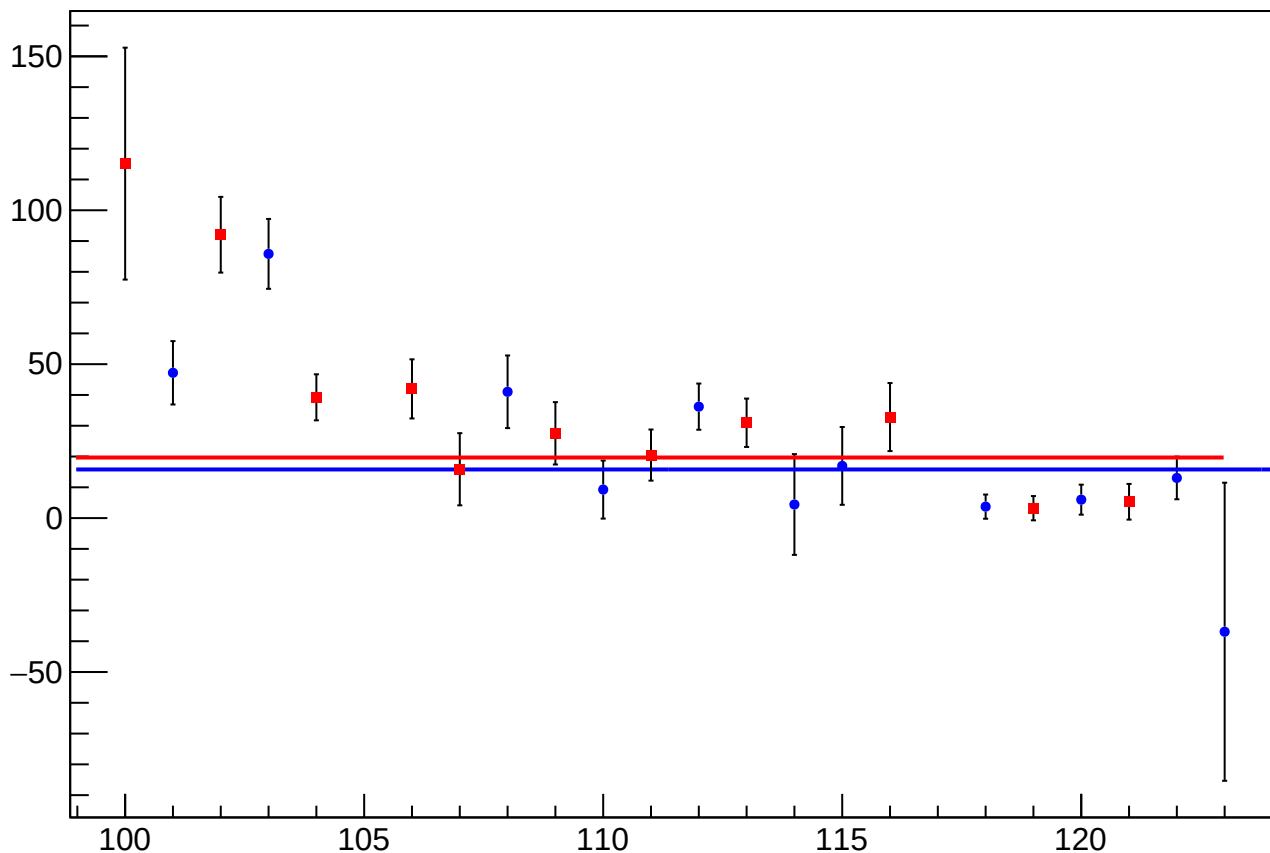
Right: -324.811+/-1.584 χ^2/NDF : 932.4/21

In: -330.906+/-2.340 χ^2/NDF :503.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -324.811+/-1.584 χ^2/NDF : 932.4/21

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.800+/-2.286 χ^2/NDF : 75.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.679+/-2.318 χ^2/NDF : 81.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

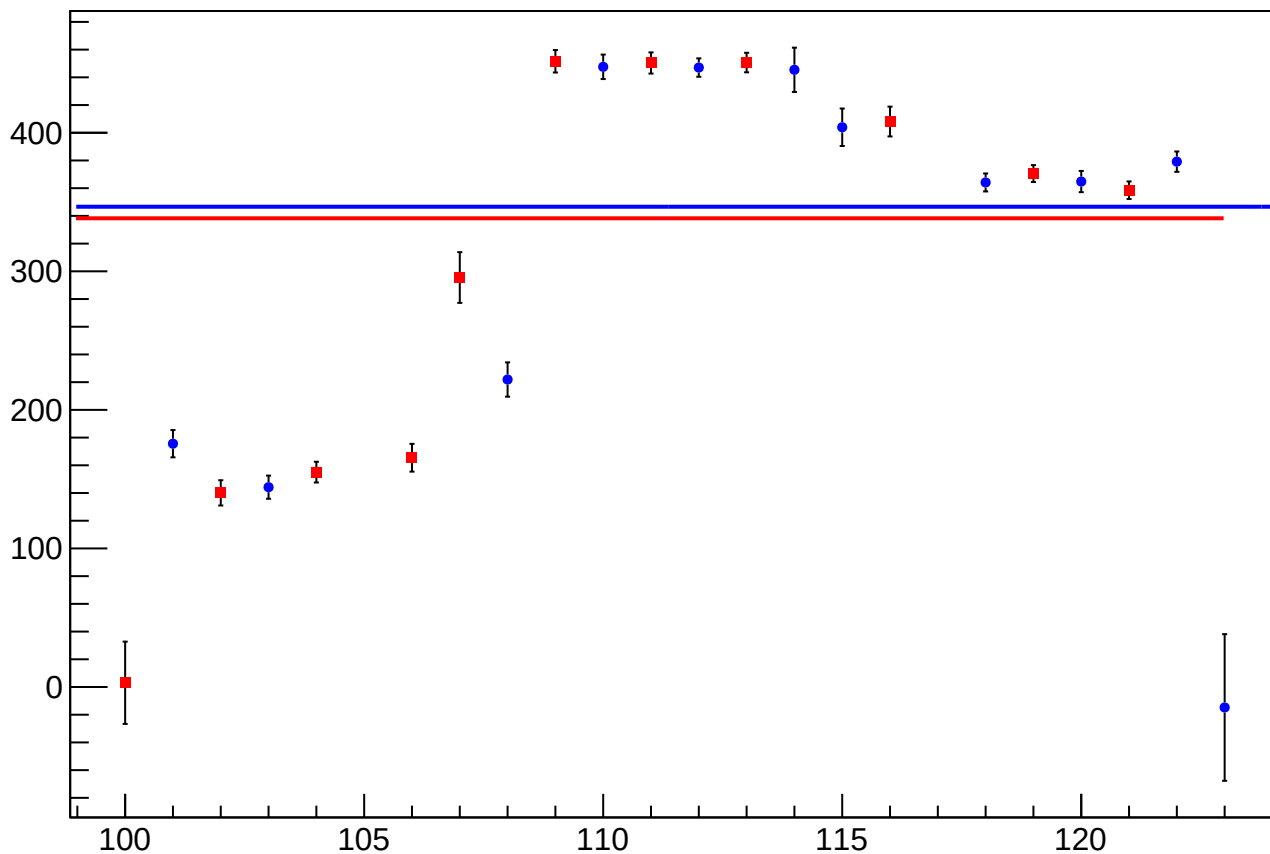
Right: 17.712+/-1.628 χ^2/NDF : 157.6/21

In: 15.800+/-2.286 χ^2/NDF : 75.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.712+/-1.628 χ^2/NDF : 157.6/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 346.612 $\pm$ 2.714 χ^2 /NDF: 1484.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 338.264 $\pm$ 2.526 χ^2 /NDF: 2246.6/10

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

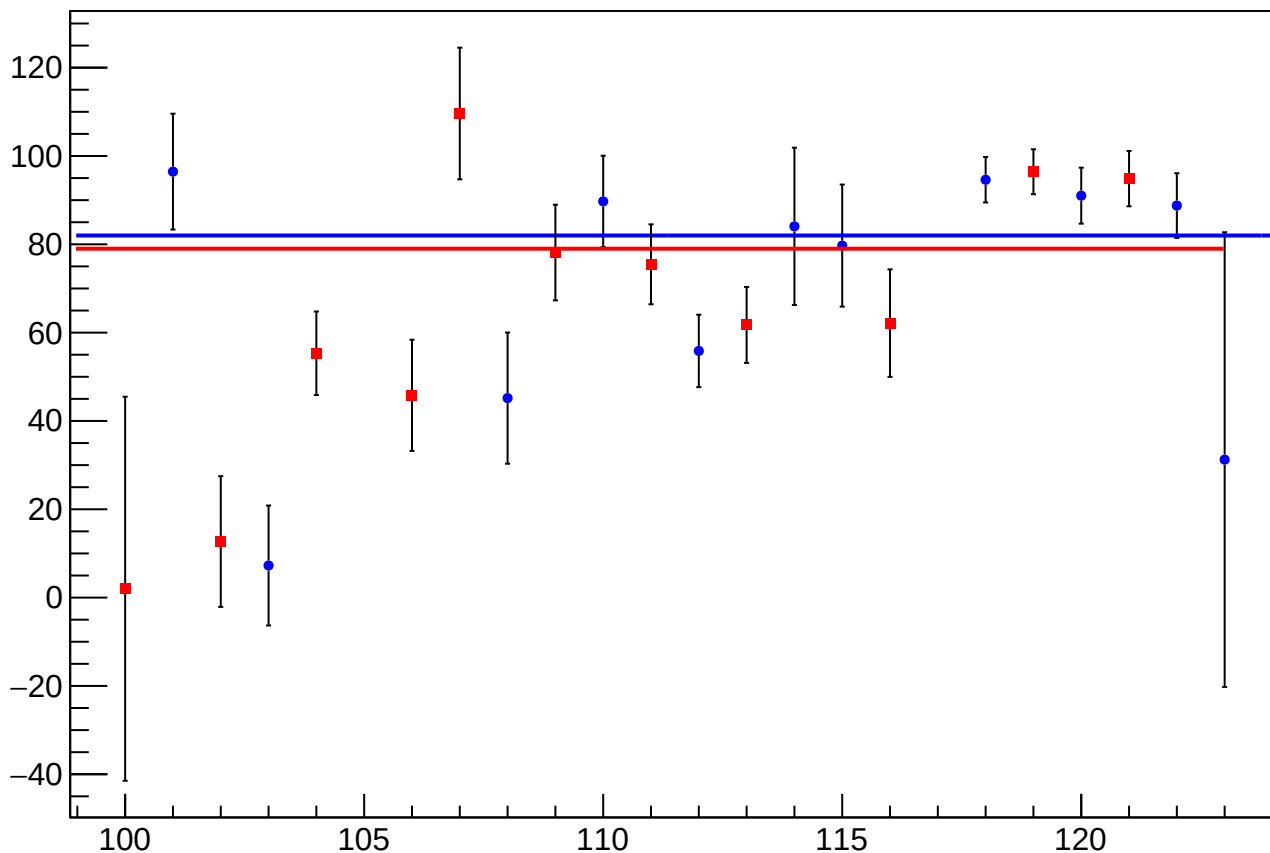
Right: 342.138 $\pm$ 1.849 χ^2 /NDF: 3735.7/21

In: 346.612 $\pm$ 2.714 χ^2 /NDF:1484.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 342.138 $\pm$ 1.849 χ^2 /NDF: 3735.7/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 81.993+/-2.772 χ^2/NDF : 58.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.003+/-2.751 χ^2/NDF : 64.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

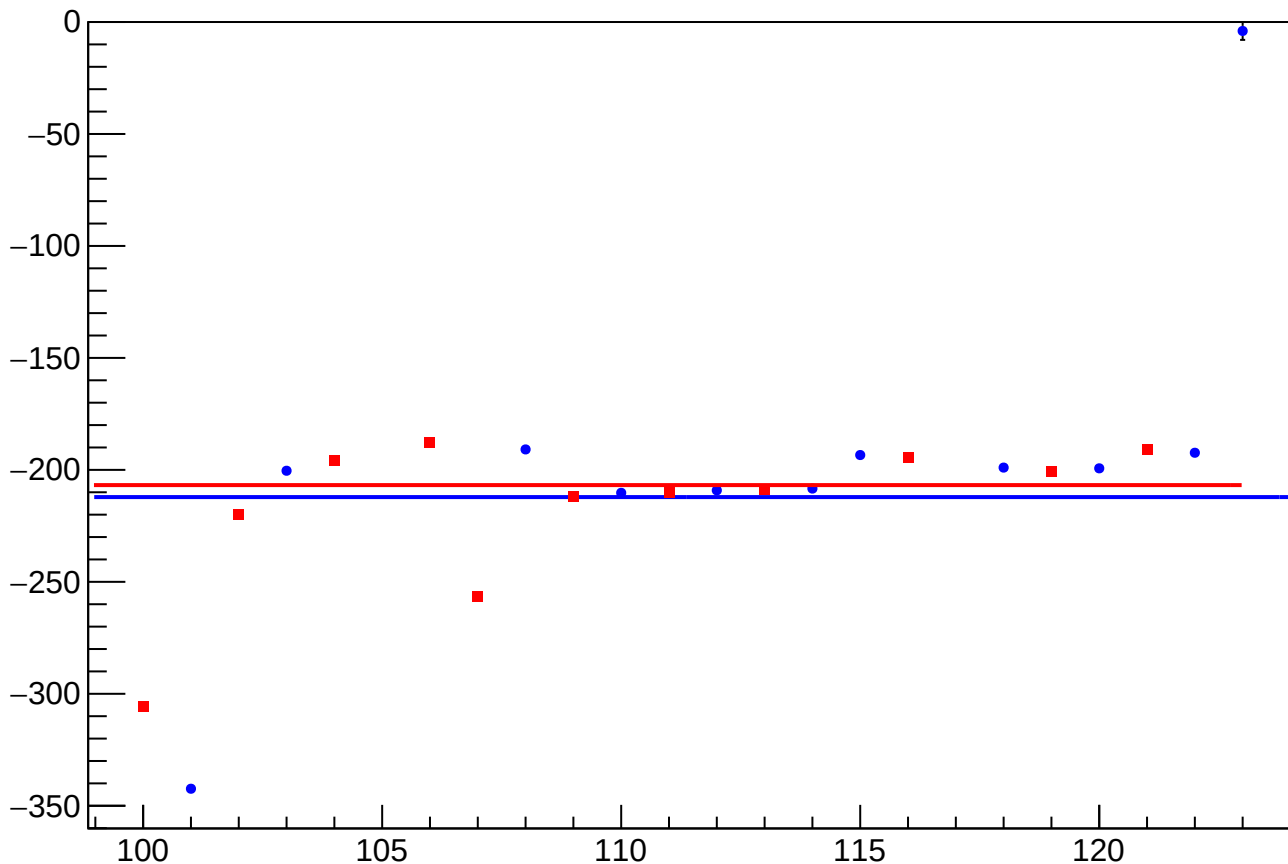
Right: 80.487+/-1.952 χ^2/NDF : 123.7/21

In: 81.993+/-2.772 χ^2/NDF : 58.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.487+/-1.952 χ^2/NDF : 123.7/21

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -212.150+/-0.177 χ^2/NDF : 57392.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.798+/-0.162 χ^2/NDF : 13400.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

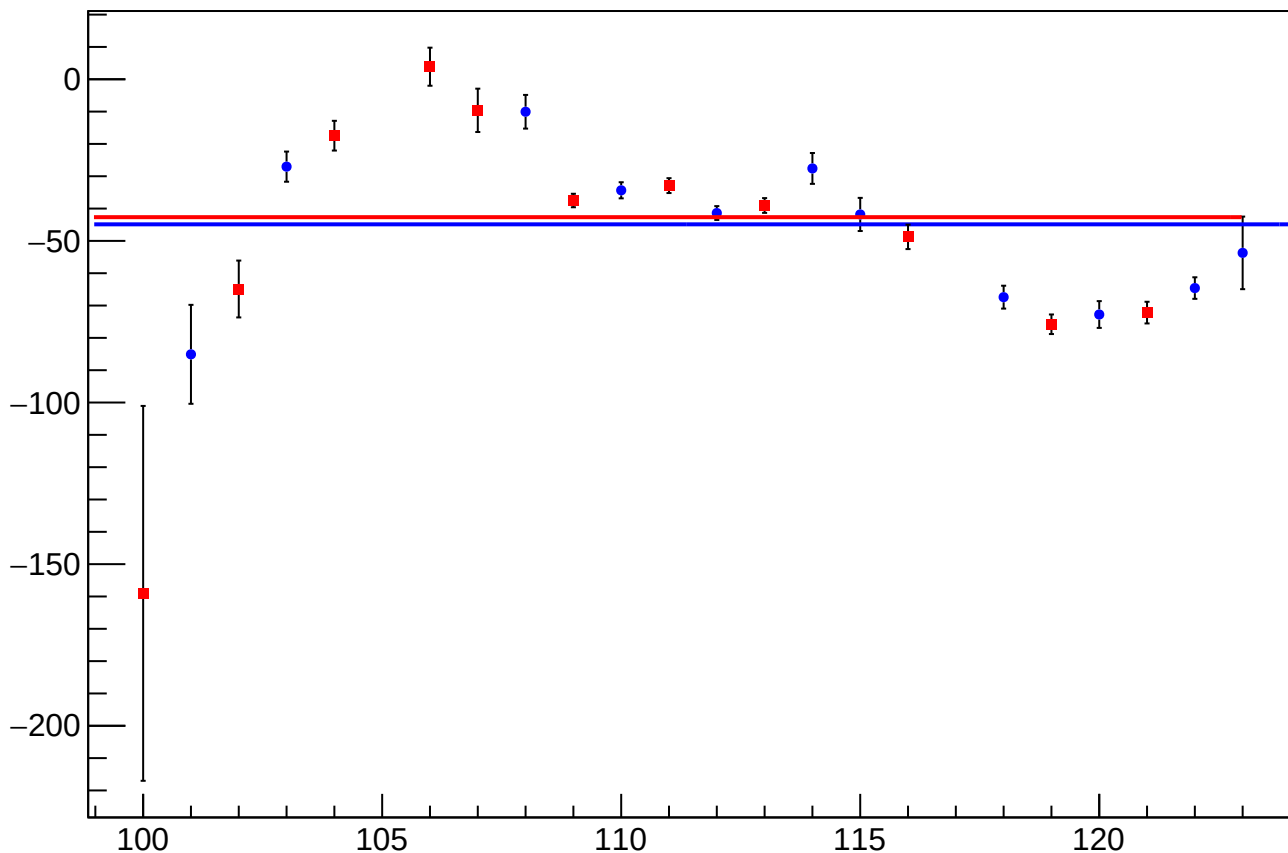
Right: -209.246+/-0.120 χ^2/NDF : 71289.9/21

In: -212.150+/-0.177 χ^2/NDF : 57392.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -209.246+/-0.120 χ^2/NDF : 71289.9/21

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -44.877+/-1.129 χ^2/NDF : 221.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -42.660+/-1.005 χ^2/NDF : 353.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

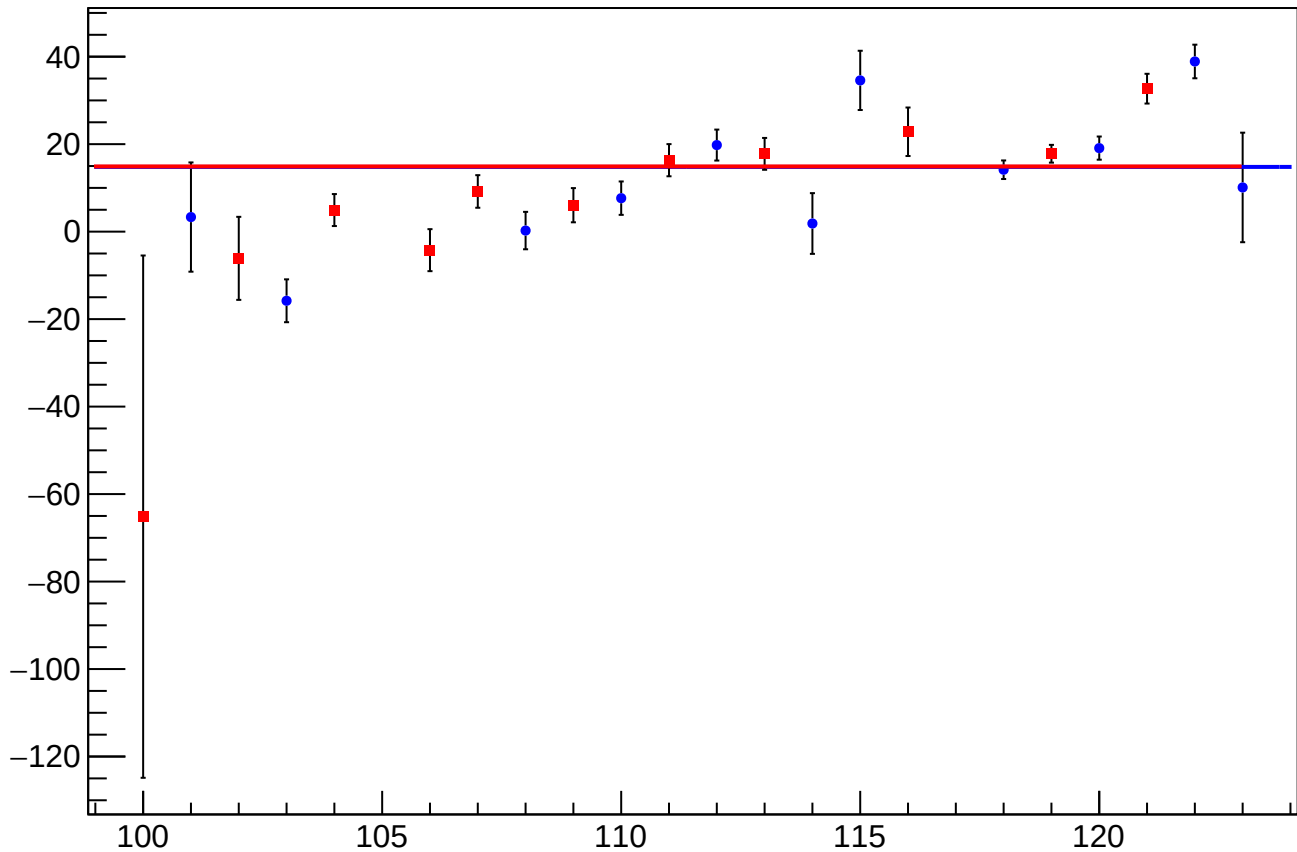
Right: -43.640+/-0.751 χ^2/NDF : 577.6/21

In: -44.877+/-1.129 χ^2/NDF :221.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -43.640+/-0.751 χ^2/NDF : 577.6/21

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.797 $\pm$ 1.168 χ^2 /NDF: 111.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.903 $\pm$ 1.133 χ^2 /NDF: 69.7/10

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

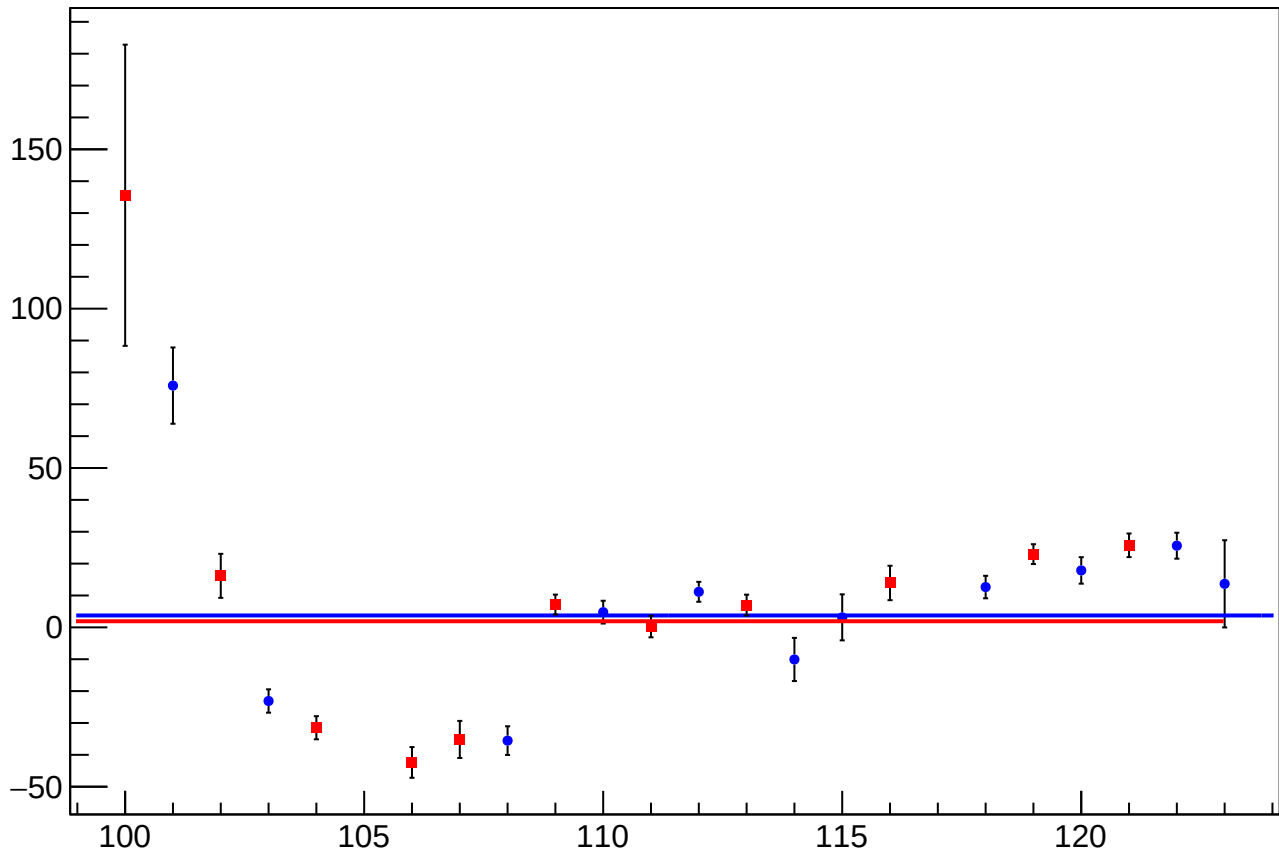
Right: 14.852 $\pm$ 0.814 χ^2 /NDF: 180.9/21

In: 14.797 $\pm$ 1.168 χ^2 /NDF:111.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.852 $\pm$ 0.814 χ^2 /NDF: 180.9/21

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.730+/-1.341 χ^2/NDF : 223.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.921+/-1.228 χ^2/NDF : 319.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

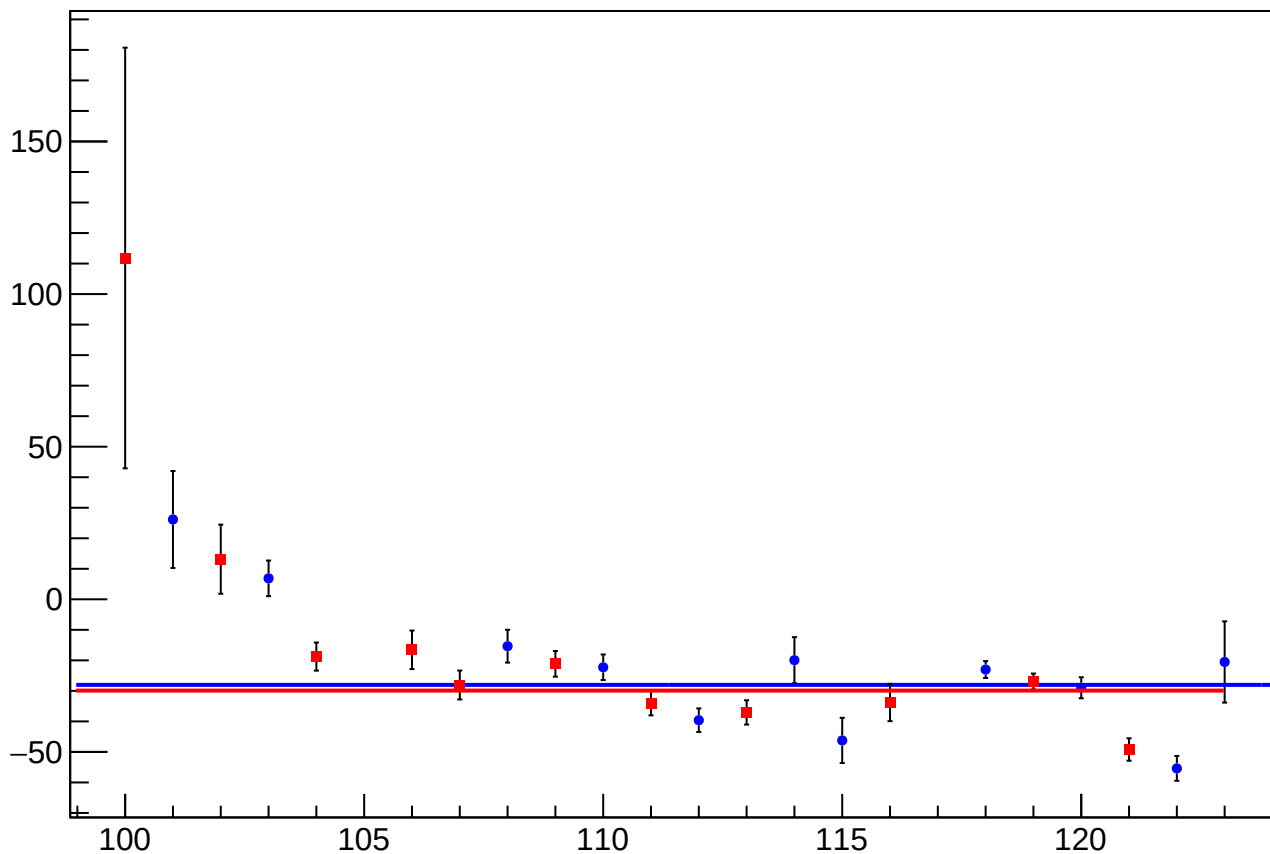
Right: 2.746+/-0.905 χ^2/NDF : 544.2/21

In: 3.730+/-1.341 χ^2/NDF : 223.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.746+/-0.905 χ^2/NDF : 544.2/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.034 ± 1.403 $\chi^2/\text{NDF}: 120.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.900 ± 1.343 $\chi^2/\text{NDF}: 67.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

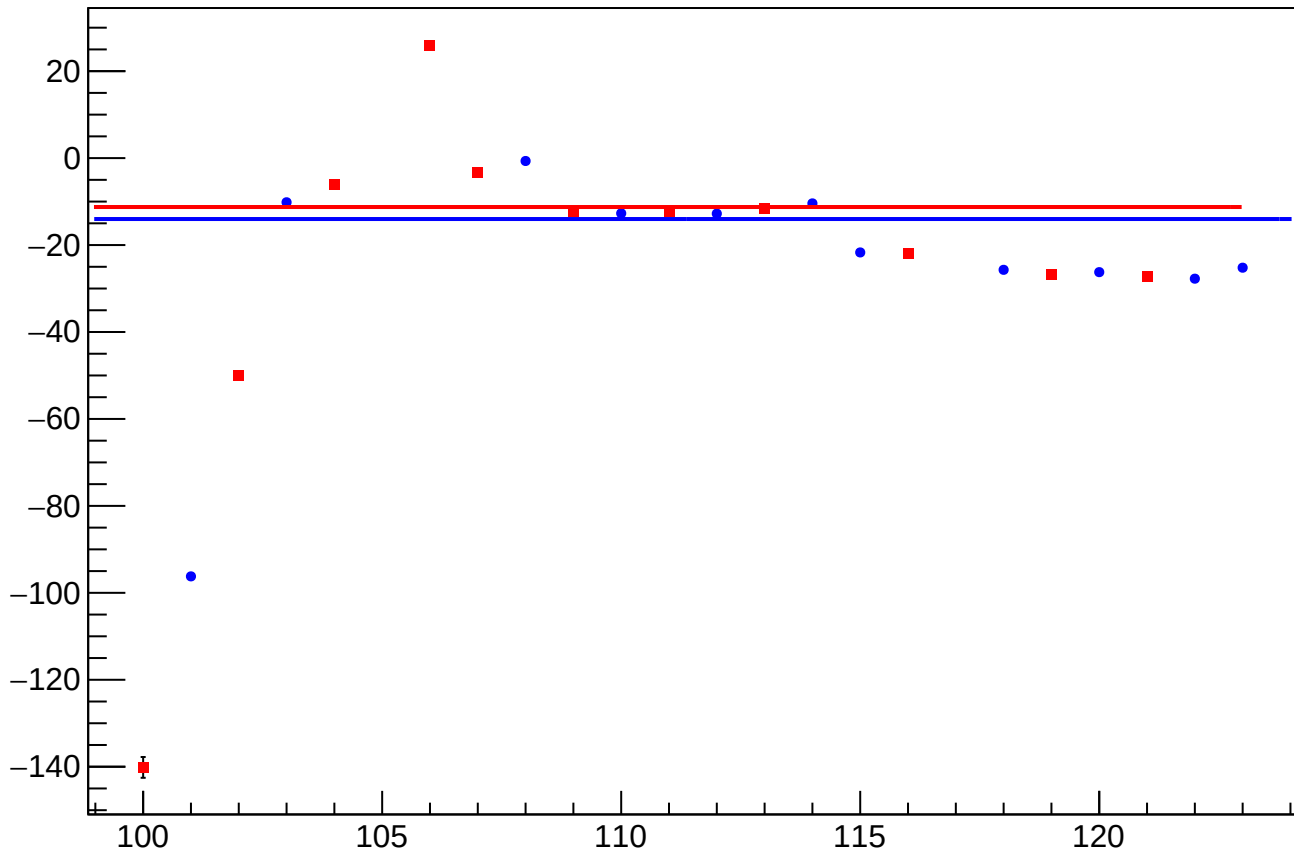
Right: -29.007 ± 0.970 $\chi^2/\text{NDF}: 188.1/21$

In: -28.034 ± 1.403 $\chi^2/\text{NDF}: 120.0/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.007 ± 0.970 $\chi^2/\text{NDF}: 188.1/21$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.013+/-0.083 χ^2/NDF : 24989.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.250+/-0.078 χ^2/NDF : 55251.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

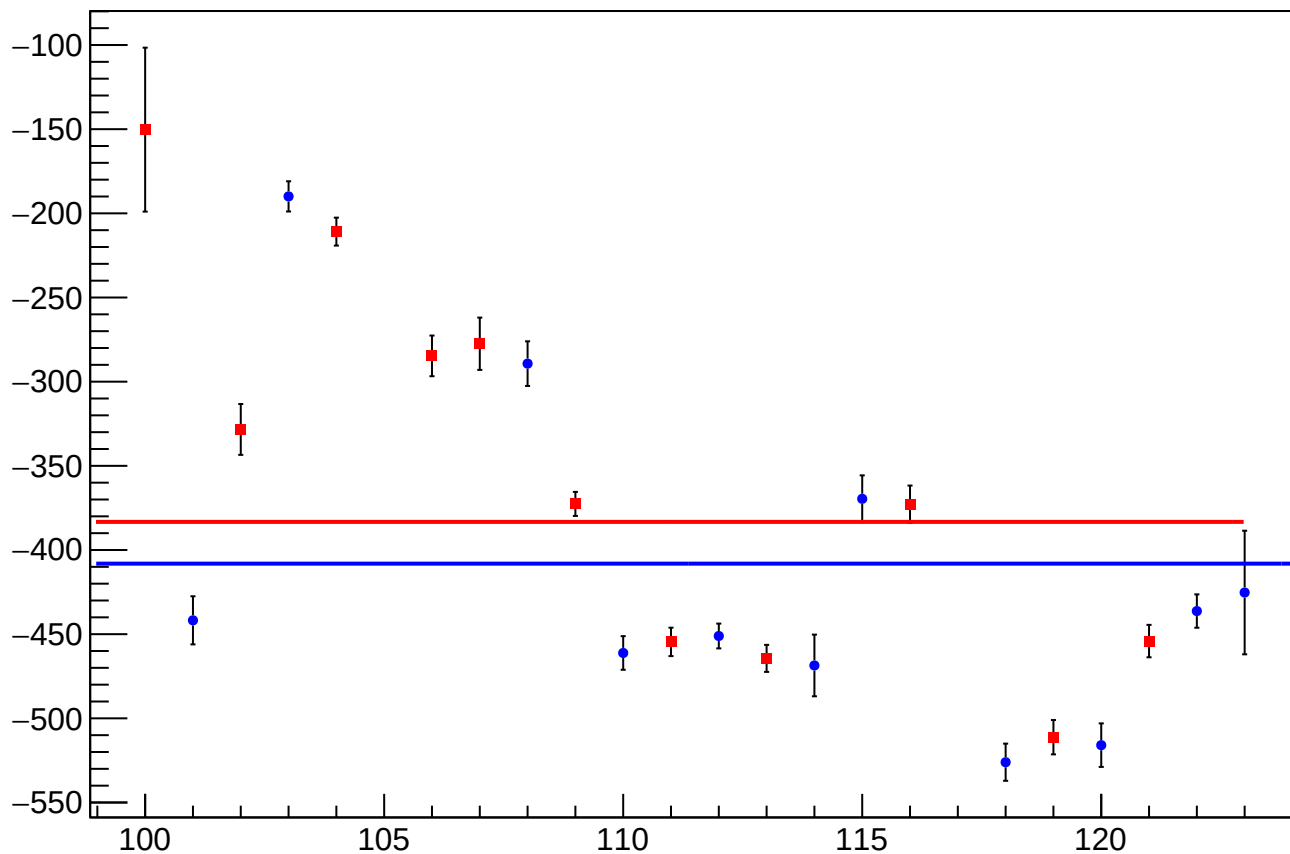
Right: -12.536+/-0.057 χ^2/NDF : 80827.8/21

In: -14.013+/-0.083 χ^2/NDF : 24989.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.536+/-0.057 χ^2/NDF : 80827.8/21

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -408.102+/-3.437 χ^2/NDF : 949.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -383.287+/-3.044 χ^2/NDF : 968.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

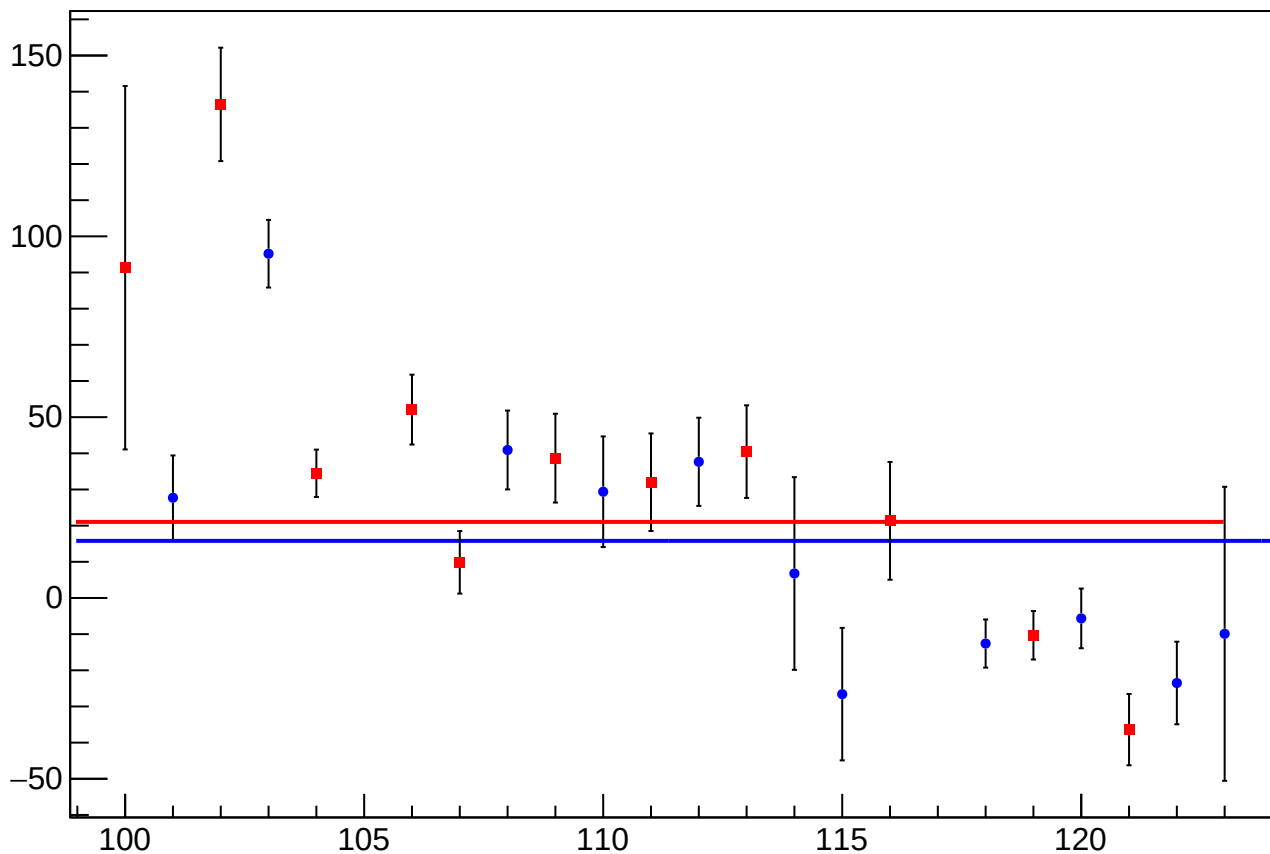
Right: -394.195+/-2.279 χ^2/NDF : 1947.4/21

In: -408.102+/-3.437 χ^2/NDF : 949.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.195+/-2.279 χ^2/NDF : 1947.4/21

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.791+/-3.369 χ^2/NDF : 125.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.041+/-3.065 χ^2/NDF : 133.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

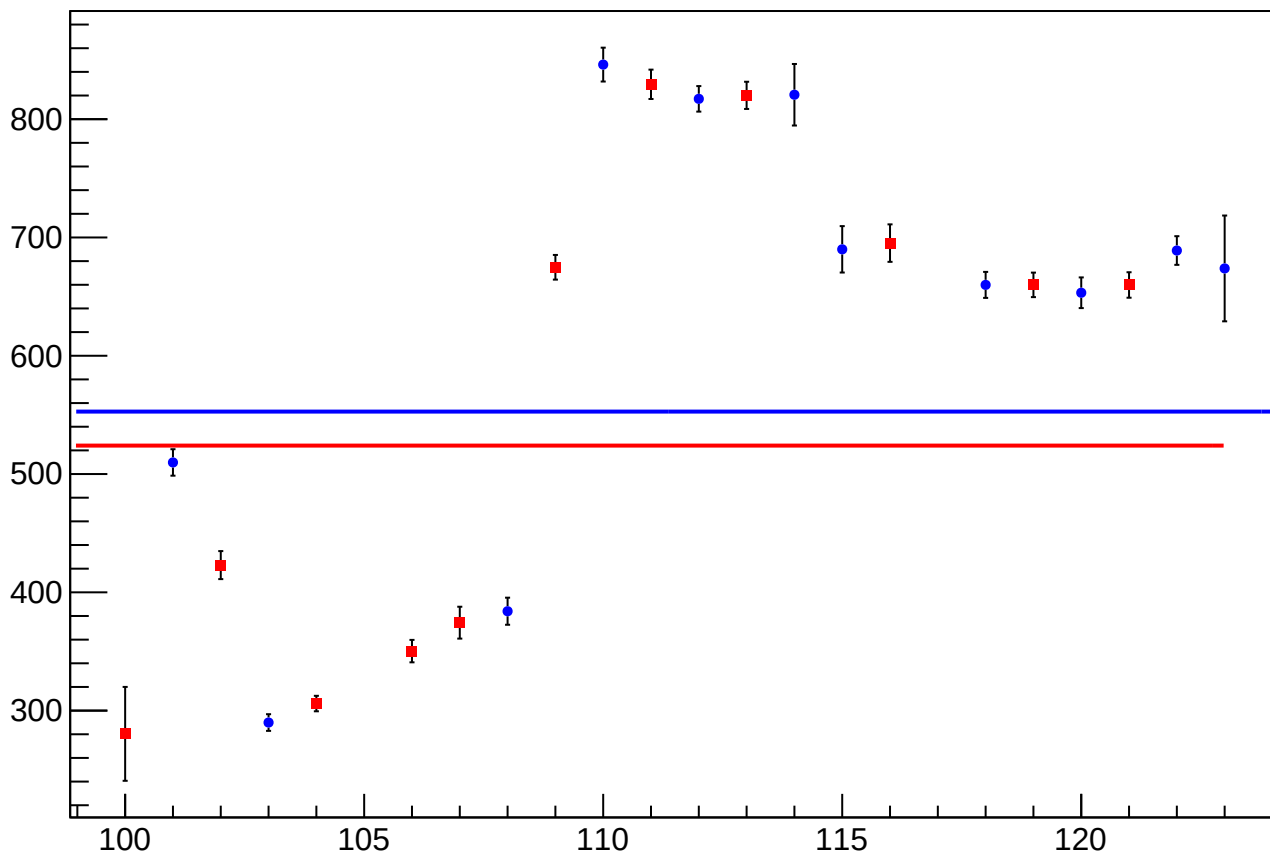
Right: 18.663+/-2.267 χ^2/NDF : 259.7/21

In: 15.791+/-3.369 χ^2/NDF : 125.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.663+/-2.267 χ^2/NDF : 259.7/21

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 552.801+/-3.655 χ^2/NDF : 3087.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 524.051+/-3.280 χ^2/NDF : 3605.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

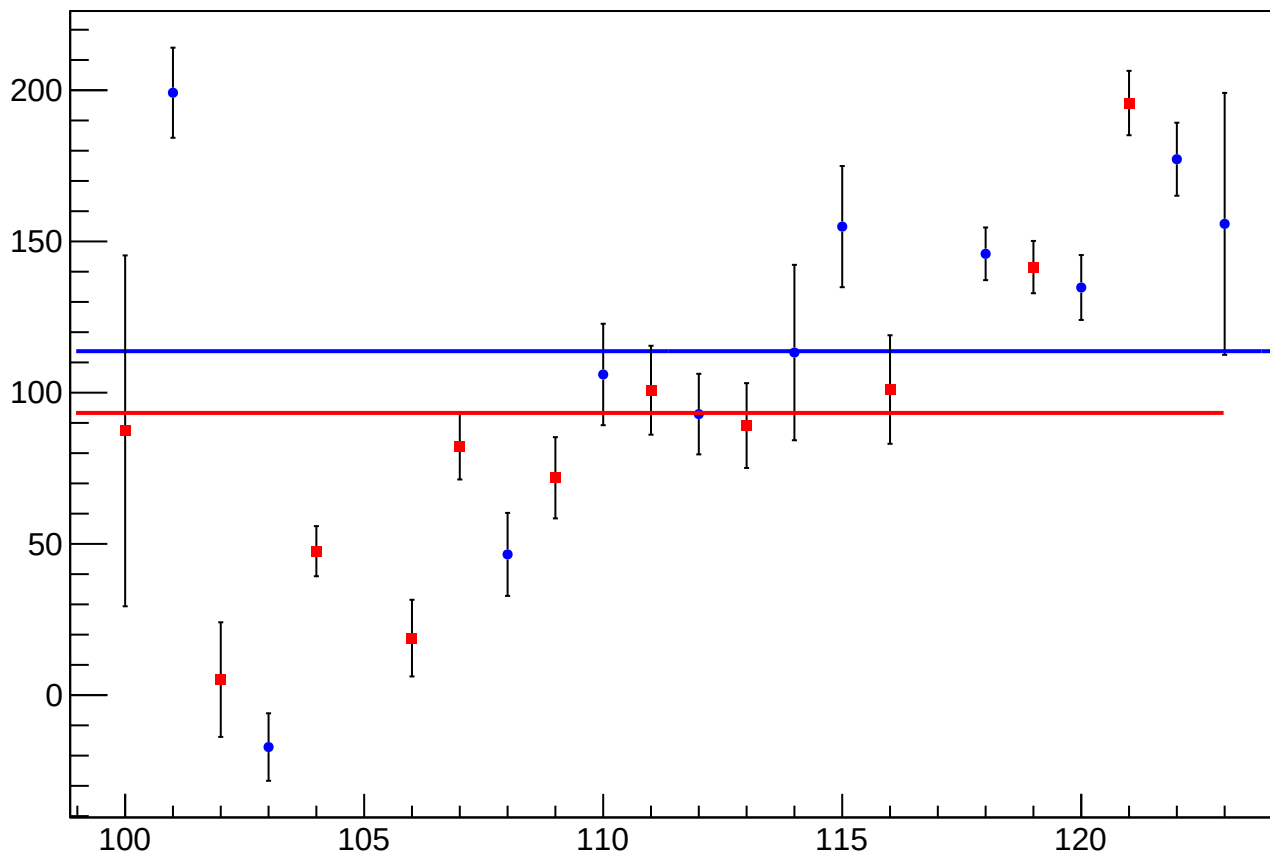
Right: 536.877+/-2.441 χ^2/NDF : 6728.1/21

In: 552.801+/-3.655 χ^2/NDF :3087.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 536.877+/-2.441 χ^2/NDF : 6728.1/21

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 113.716+/-4.083 χ^2/NDF : 247.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.306+/-3.709 χ^2/NDF : 214.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

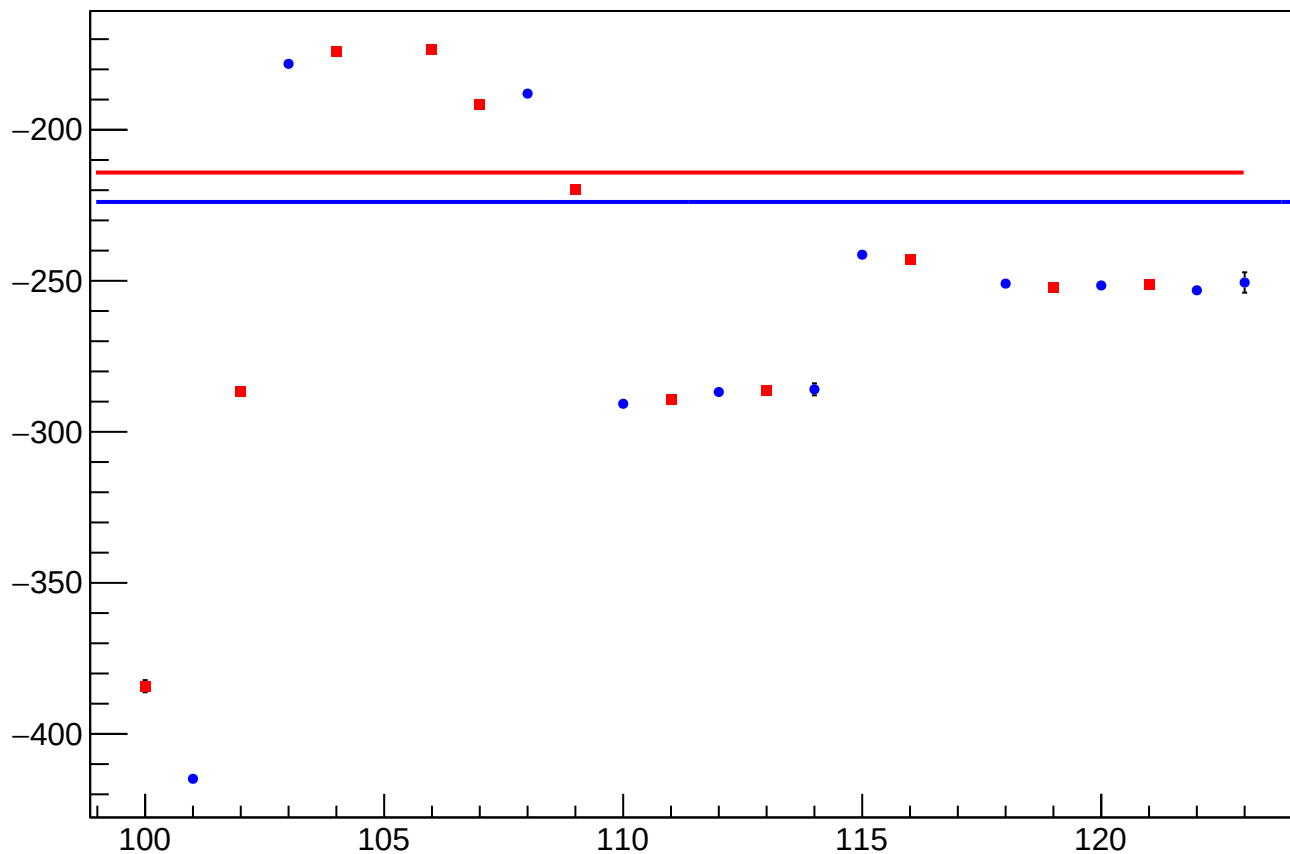
Right: 102.533+/-2.745 χ^2/NDF : 475.6/21

In: 113.716+/-4.083 χ^2/NDF : 247.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.533+/-2.745 χ^2/NDF : 475.6/21

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -223.892 $\pm$ 0.201 χ^2 /NDF: 124359.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -214.153 $\pm$ 0.186 χ^2 /NDF: 68302.3/10

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

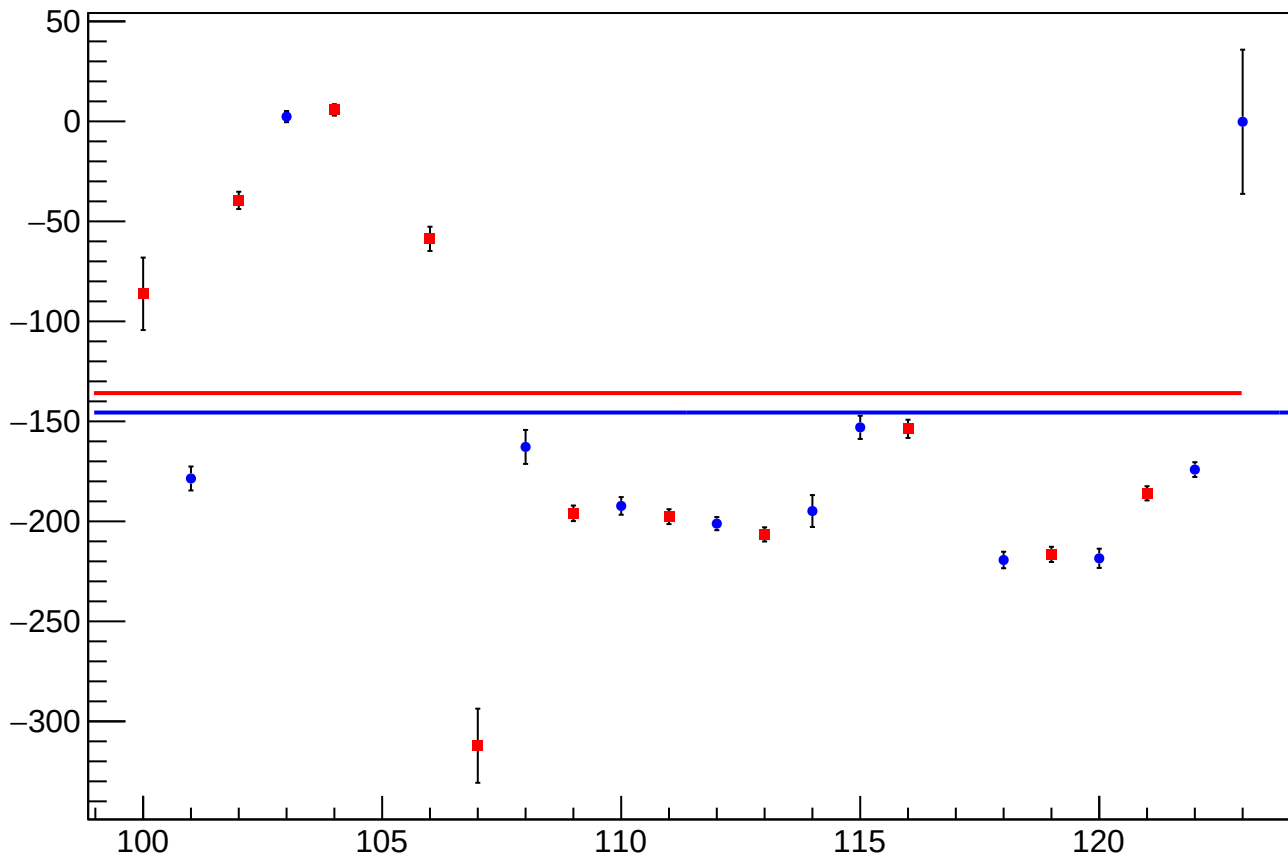
Right: -218.638 $\pm$ 0.137 χ^2 /NDF: 193923.9/21

In: -223.892 $\pm$ 0.201 χ^2 /NDF:124359.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -218.638 $\pm$ 0.137 χ^2 /NDF: 193923.9/21

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -145.583 ± 1.365 χ^2/NDF : 3931.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -135.856 ± 1.265 χ^2/NDF : 4819.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

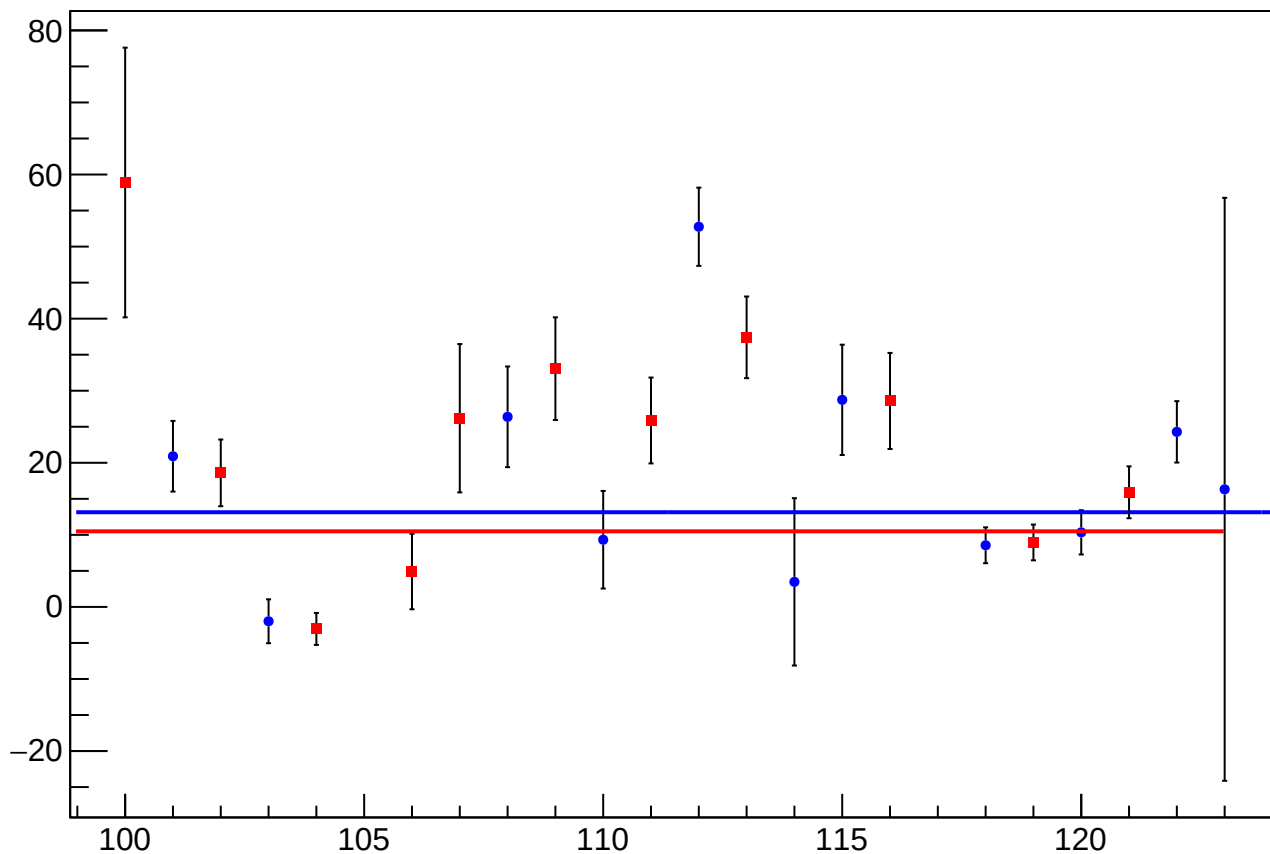
Right: -140.347 ± 0.928 χ^2/NDF : 8778.2/21

In: -145.583 ± 1.365 χ^2/NDF : 3931.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -140.347 ± 0.928 χ^2/NDF : 8778.2/21

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.140 $\pm$ 1.321 χ^2 /NDF: 100.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.488 $\pm$ 1.250 χ^2 /NDF: 99.8/10

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

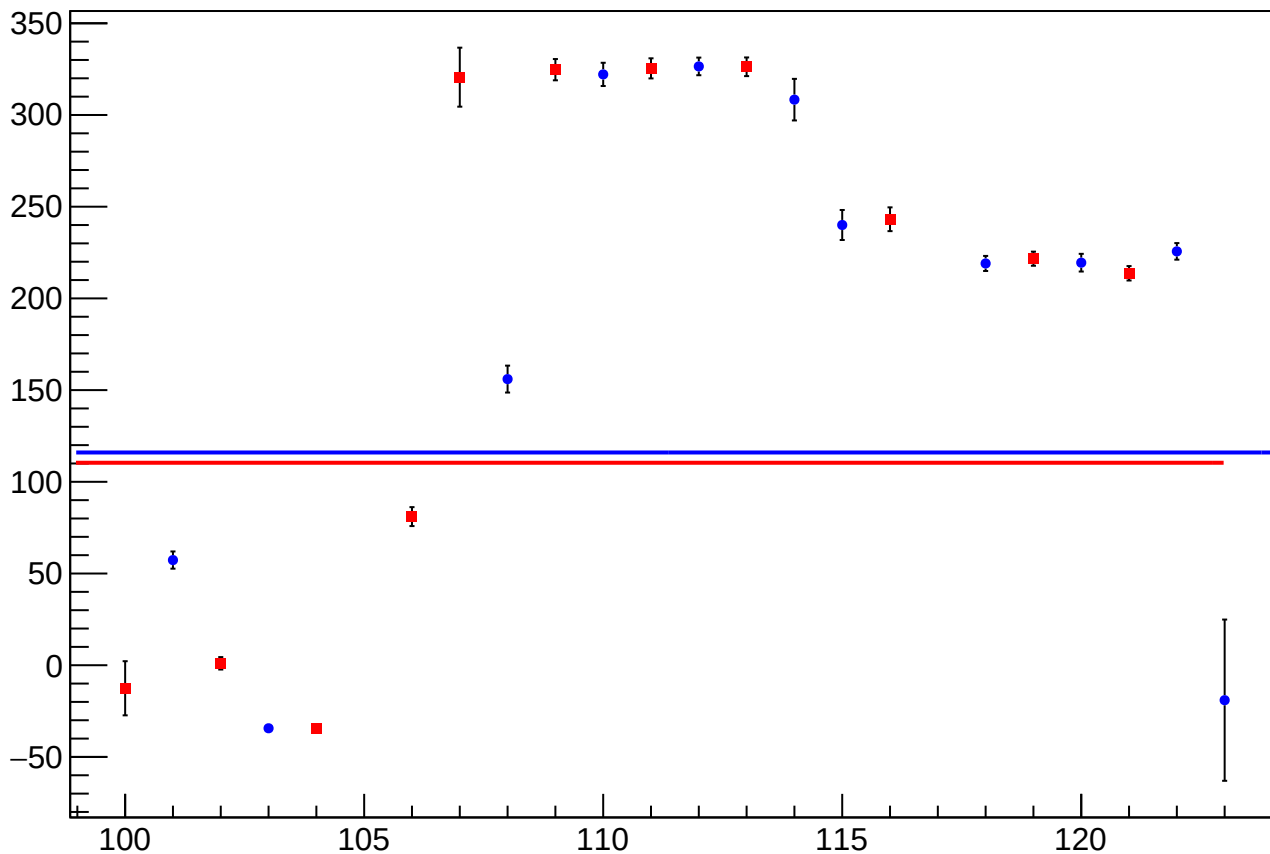
Right: 11.741 $\pm$ 0.908 χ^2 /NDF: 202.2/21

In: 13.140 $\pm$ 1.321 χ^2 /NDF:100.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.741 $\pm$ 0.908 χ^2 /NDF: 202.2/21

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 115.990+/-1.392 χ^2/NDF : 10109.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.391+/-1.302 χ^2/NDF : 12145.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

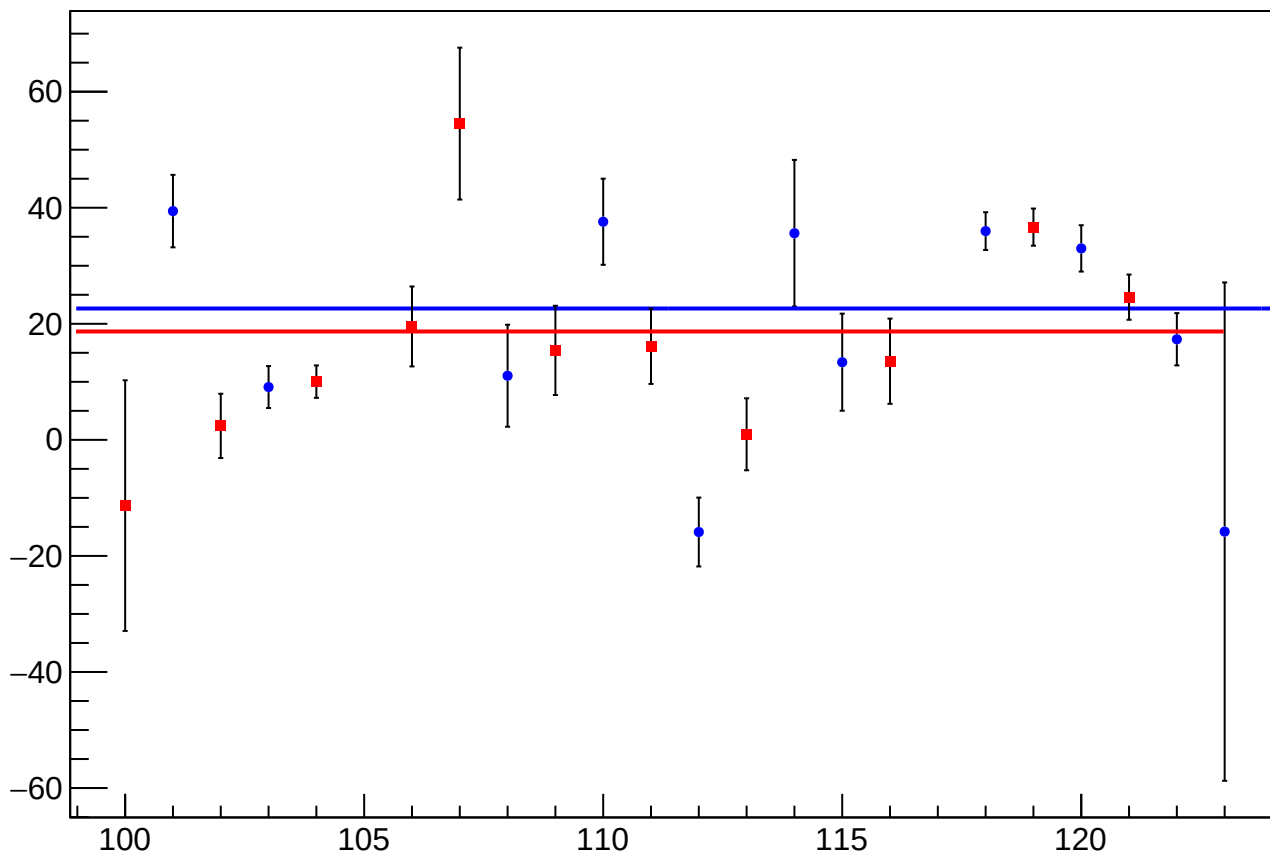
Right: 113.004+/-0.951 χ^2/NDF : 22263.8/21

In: 115.990+/-1.392 χ^2/NDF : 10109.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.004+/-0.951 χ^2/NDF : 22263.8/21

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.636+/-1.603 χ^2/NDF : 97.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.676+/-1.510 χ^2/NDF : 70.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

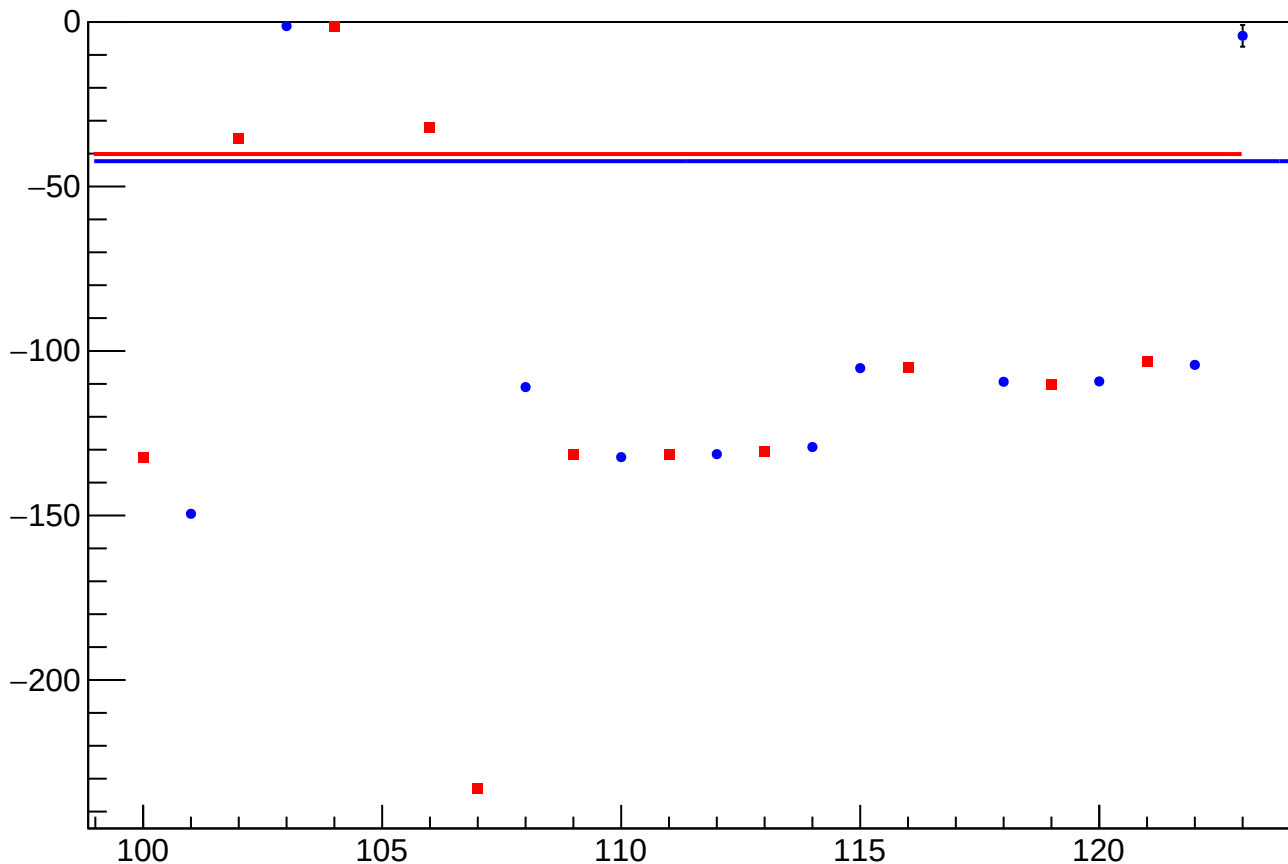
Right: 20.539+/-1.099 χ^2/NDF : 170.9/21

In: 22.636+/-1.603 χ^2/NDF : 97.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.539+/-1.099 χ^2/NDF : 170.9/21

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -42.303+/-0.073 χ^2/NDF : 616796.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.139+/-0.069 χ^2/NDF : 494970.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

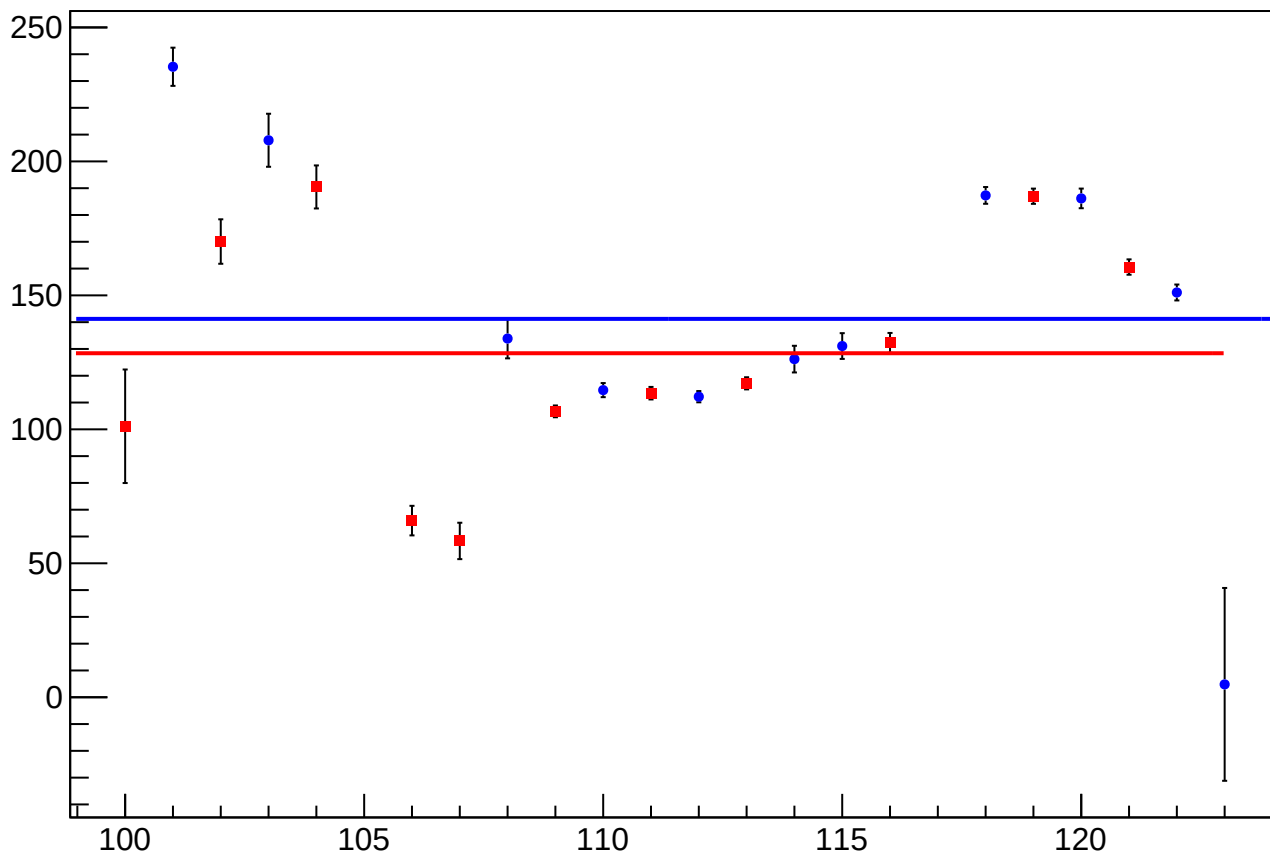
Right: -41.158+/-0.050 χ^2/NDF : 1112225.8/21

In: -42.303+/-0.073 χ^2/NDF : 616796.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.158+/-0.050 χ^2/NDF : 1112225.8/21

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 141.224+/-1.122 χ^2/NDF : 920.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.401+/-1.005 χ^2/NDF : 1036.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

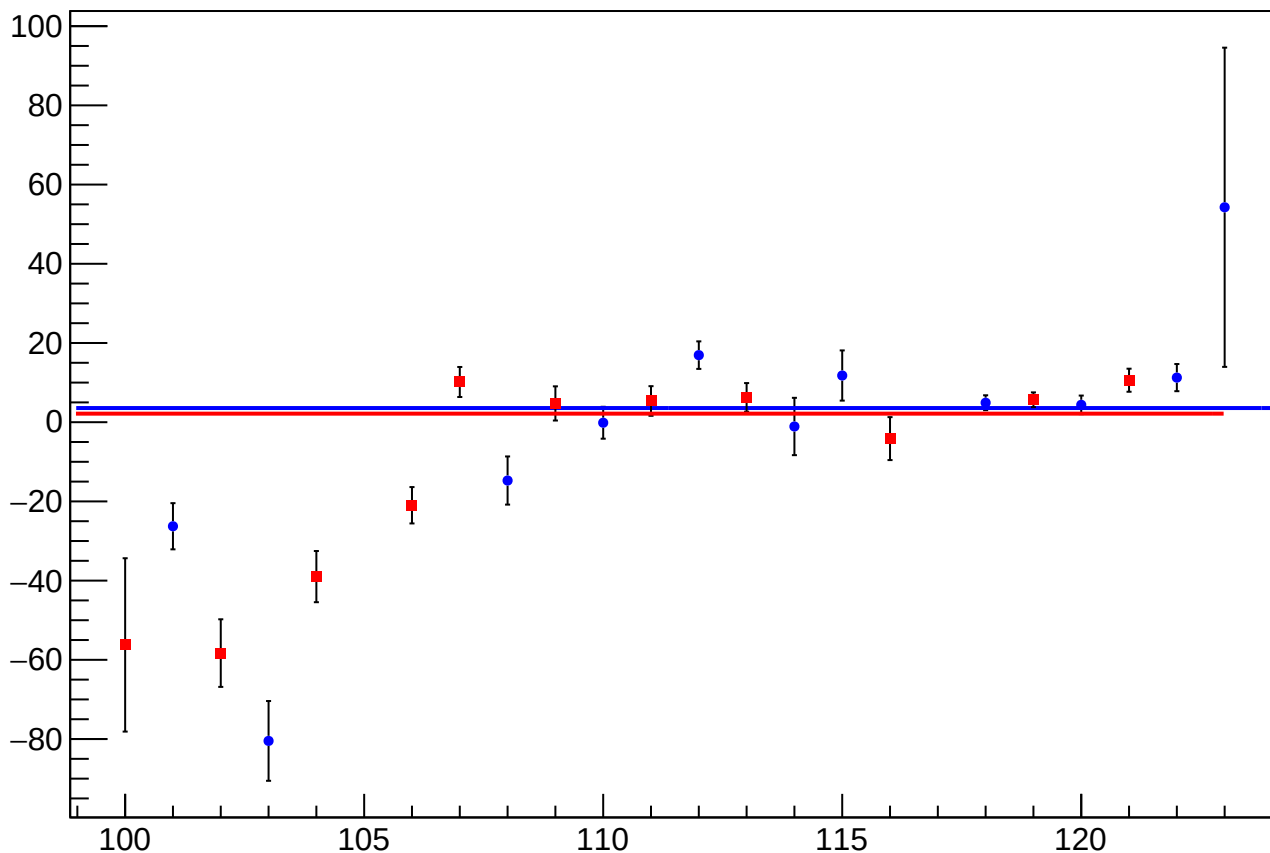
Right: 134.107+/-0.749 χ^2/NDF : 2028.9/21

In: 141.224+/-1.122 χ^2/NDF : 920.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.107+/-0.749 χ^2/NDF : 2028.9/21

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.575+/-1.115 χ^2/NDF : 129.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.159+/-1.118 χ^2/NDF : 143.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

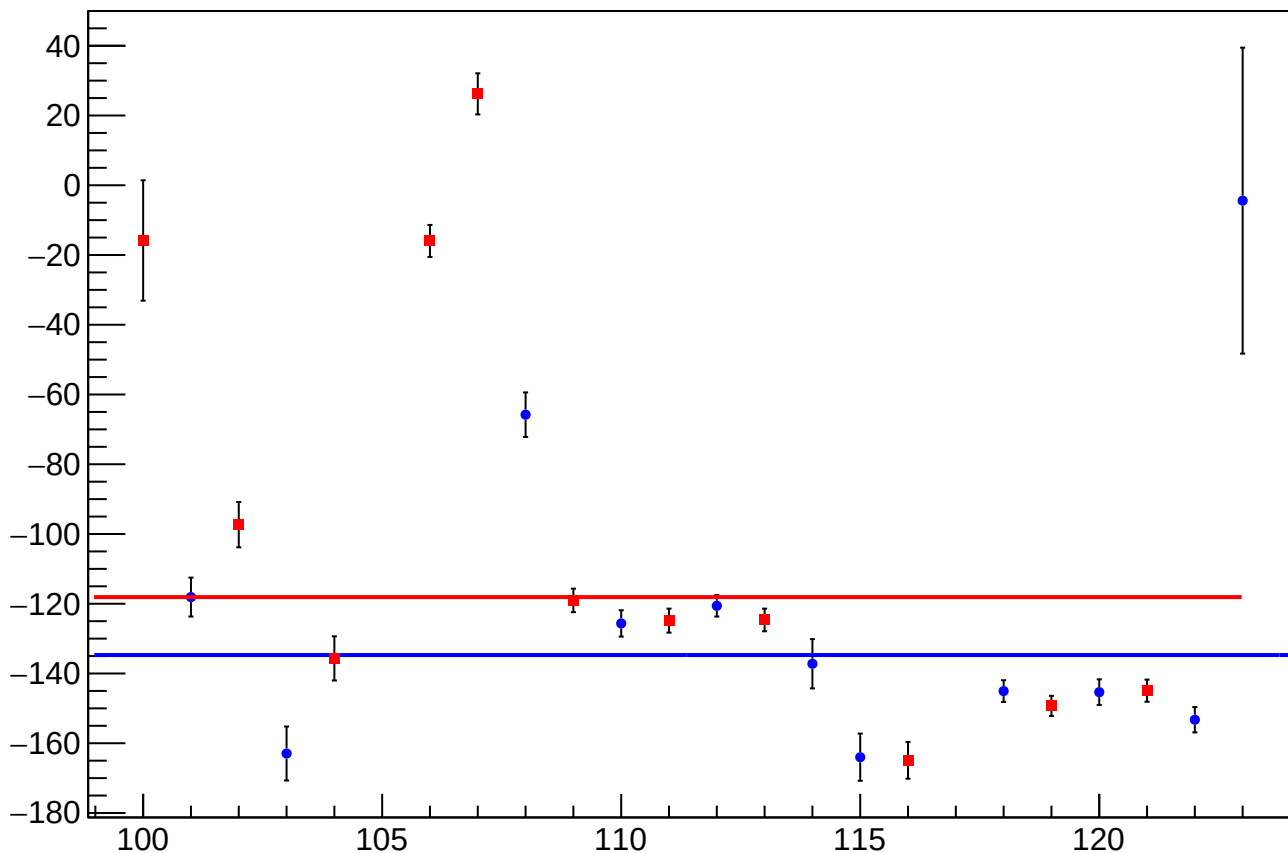
Right: 2.869+/-0.790 χ^2/NDF : 274.0/21

In: 3.575+/-1.115 χ^2/NDF : 129.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.869+/-0.790 χ^2/NDF : 274.0/21

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -134.711+/-1.355 χ^2/NDF : 238.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.096+/-1.239 χ^2/NDF : 1420.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

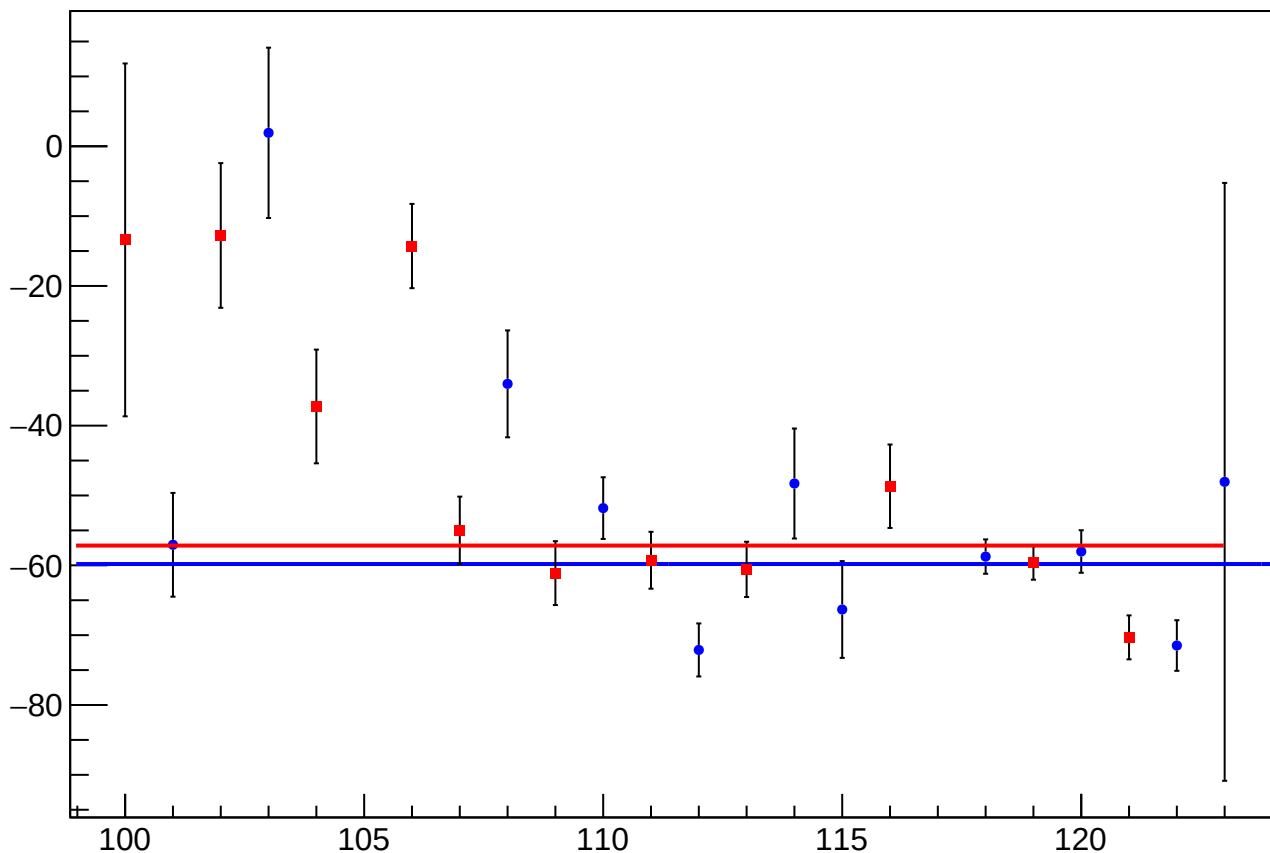
Right: -125.661+/-0.914 χ^2/NDF : 1741.2/21

In: -134.711+/-1.355 χ^2/NDF : 238.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.661+/-0.914 χ^2/NDF : 1741.2/21

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -59.817+/-1.349 χ^2/NDF : 64.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.173+/-1.323 χ^2/NDF : 100.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

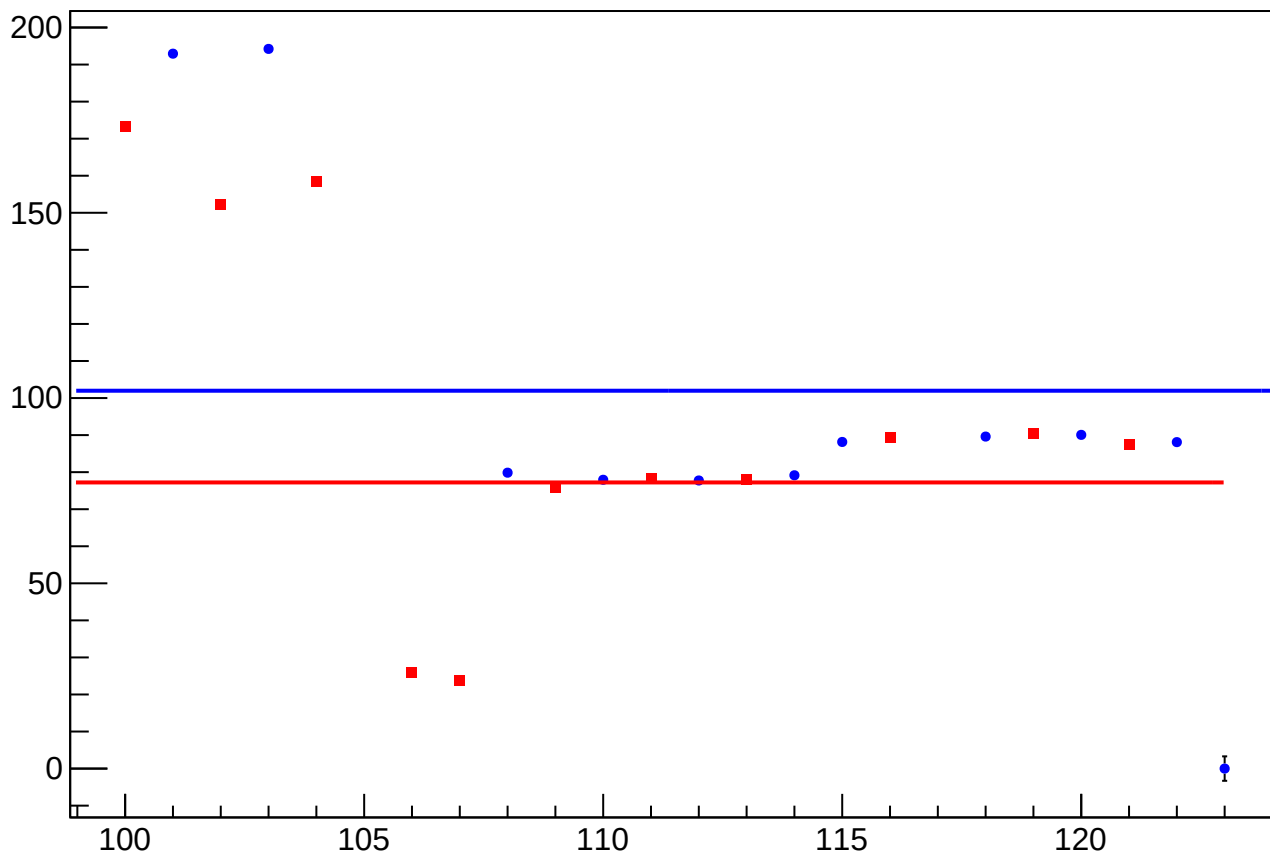
Right: -58.468+/-0.945 χ^2/NDF : 167.3/21

In: -59.817+/-1.349 χ^2/NDF : 64.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.468+/-0.945 χ^2/NDF : 167.3/21

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 101.975+/-0.096 χ^2/NDF : 185503.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.223+/-0.080 χ^2/NDF : 280543.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

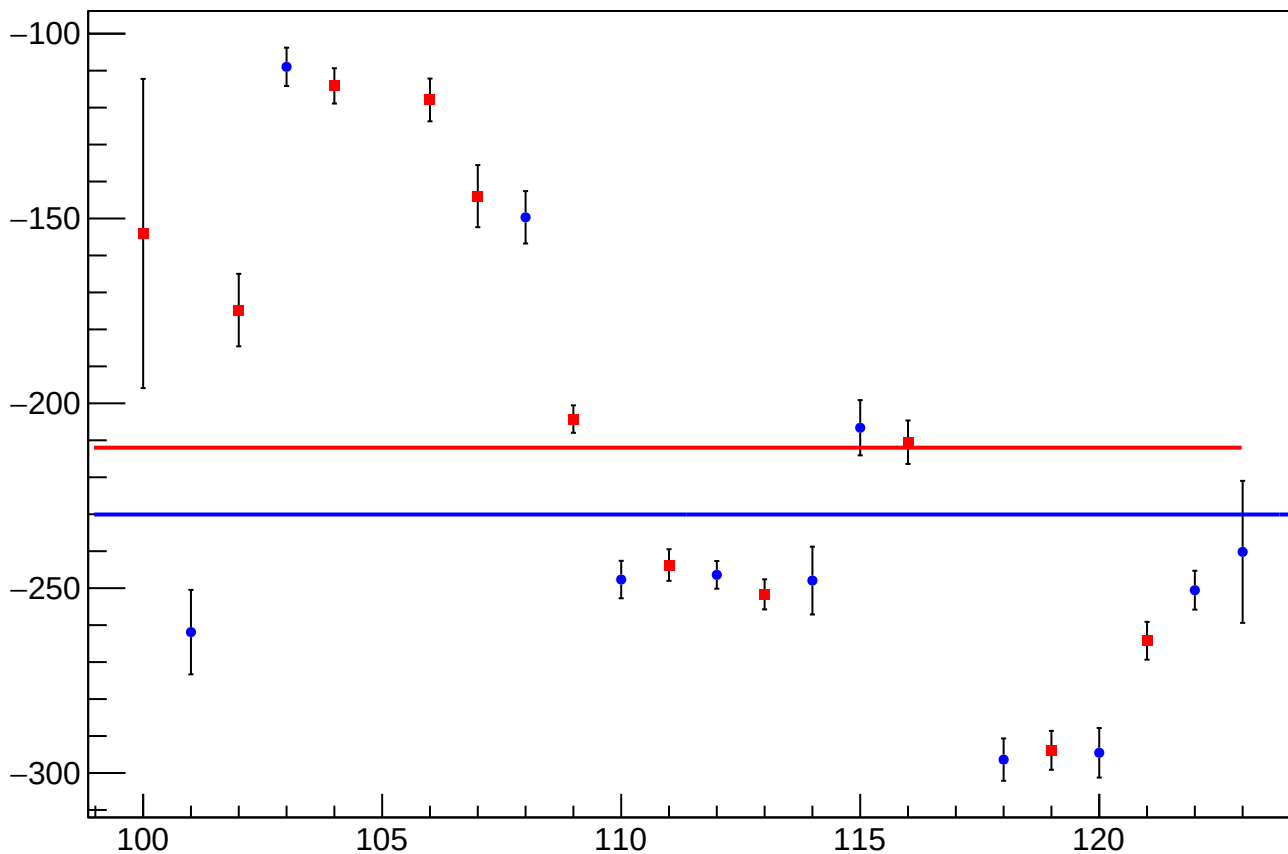
Right: 87.476+/-0.062 χ^2/NDF : 505332.4/21

In: 101.975+/-0.096 χ^2/NDF : 185503.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.476+/-0.062 χ^2/NDF : 505332.4/21

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -230.073+/-1.836 χ^2 /NDF: 969.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -211.996+/-1.601 χ^2 /NDF: 1268.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

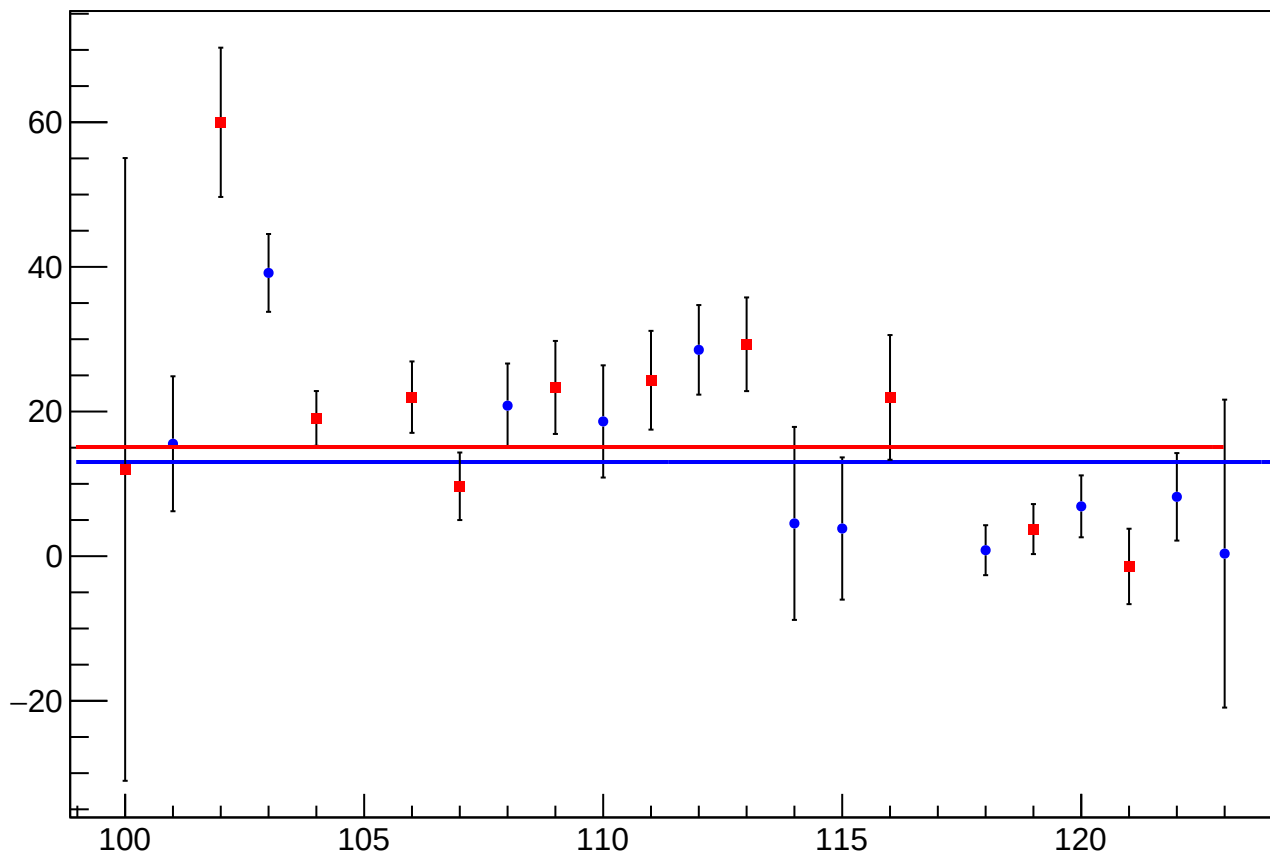
Right: -219.804+/-1.207 χ^2 /NDF: 2292.7/21

In: -230.073+/-1.836 χ^2 /NDF:969.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -219.804+/-1.207 χ^2 /NDF: 2292.7/21

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.022+/-1.820 χ^2/NDF : 49.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.095+/-1.644 χ^2/NDF : 53.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

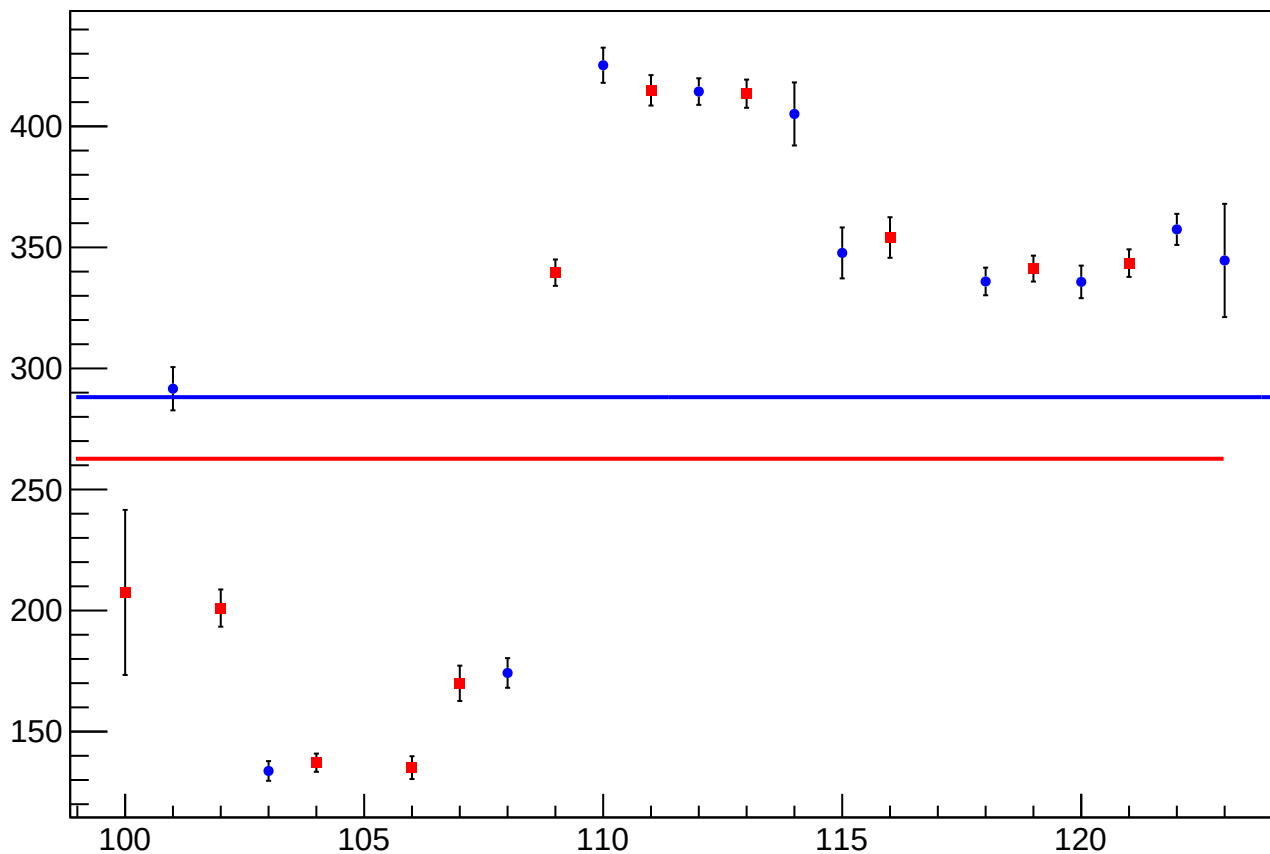
Right: 14.163+/-1.220 χ^2/NDF : 102.8/21

In: 13.022+/-1.820 χ^2/NDF : 49.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.163+/-1.220 χ^2/NDF : 102.8/21

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 288.139+/-2.017 χ^2/NDF : 3030.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.702+/-1.765 χ^2/NDF : 4068.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

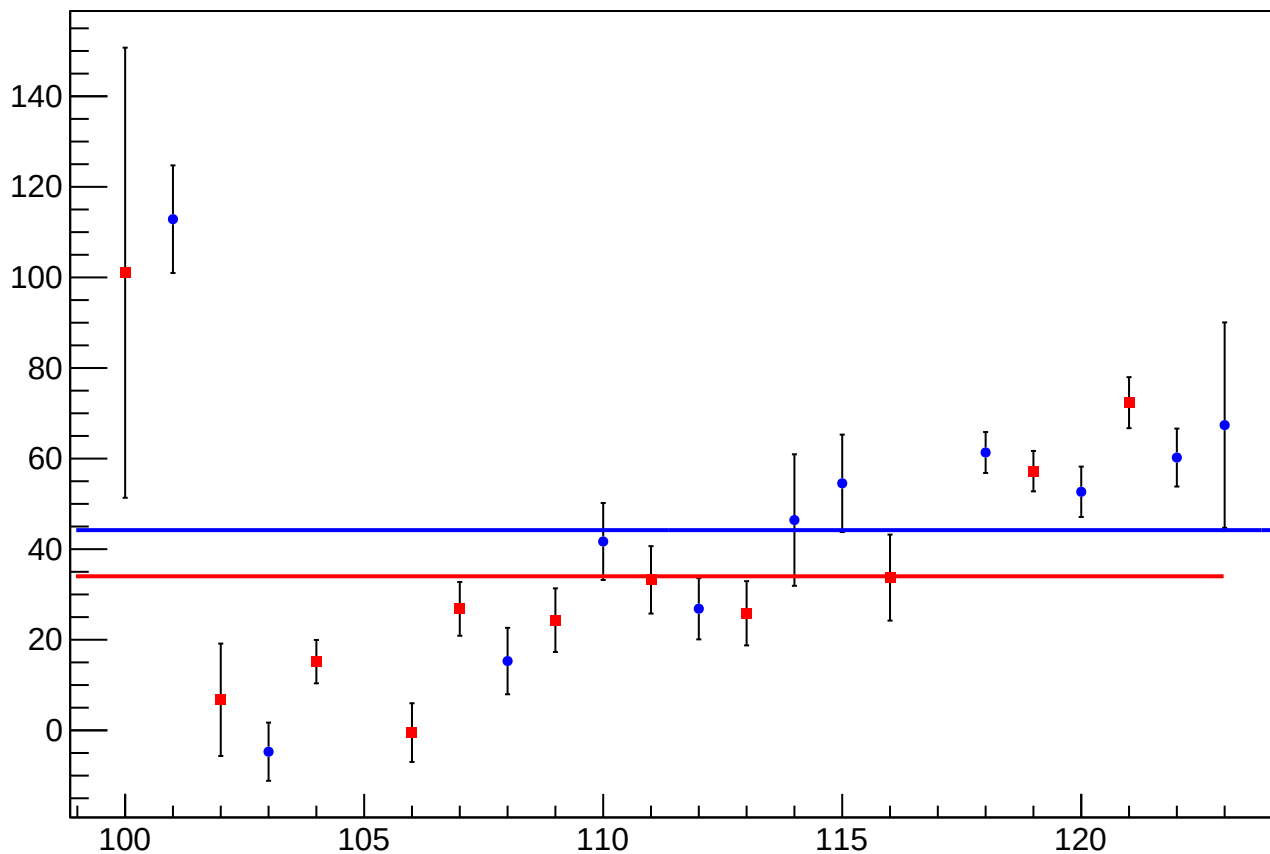
Right: 273.735+/-1.328 χ^2/NDF : 7189.2/21

In: 288.139+/-2.017 χ^2/NDF : 3030.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.735+/-1.328 χ^2/NDF : 7189.2/21

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.201+/-2.200 χ^2/NDF : 138.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.013+/-1.985 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

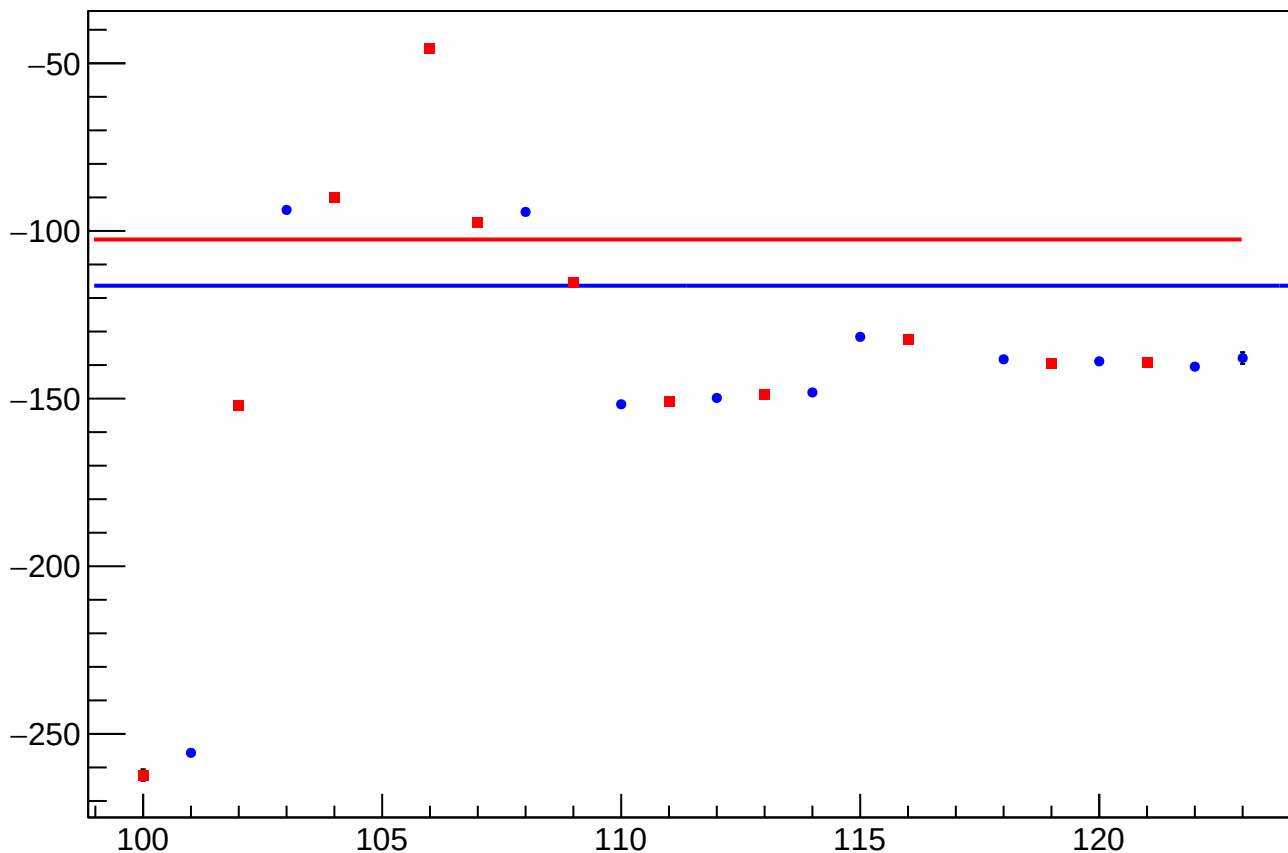
Right: 38.585+/-1.474 χ^2/NDF : 279.1/21

In: 44.201+/-2.200 χ^2/NDF : 138.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.585+/-1.474 χ^2/NDF : 279.1/21

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -116.330+/-0.113 χ^2/NDF : 111899.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.545+/-0.101 χ^2/NDF : 133291.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

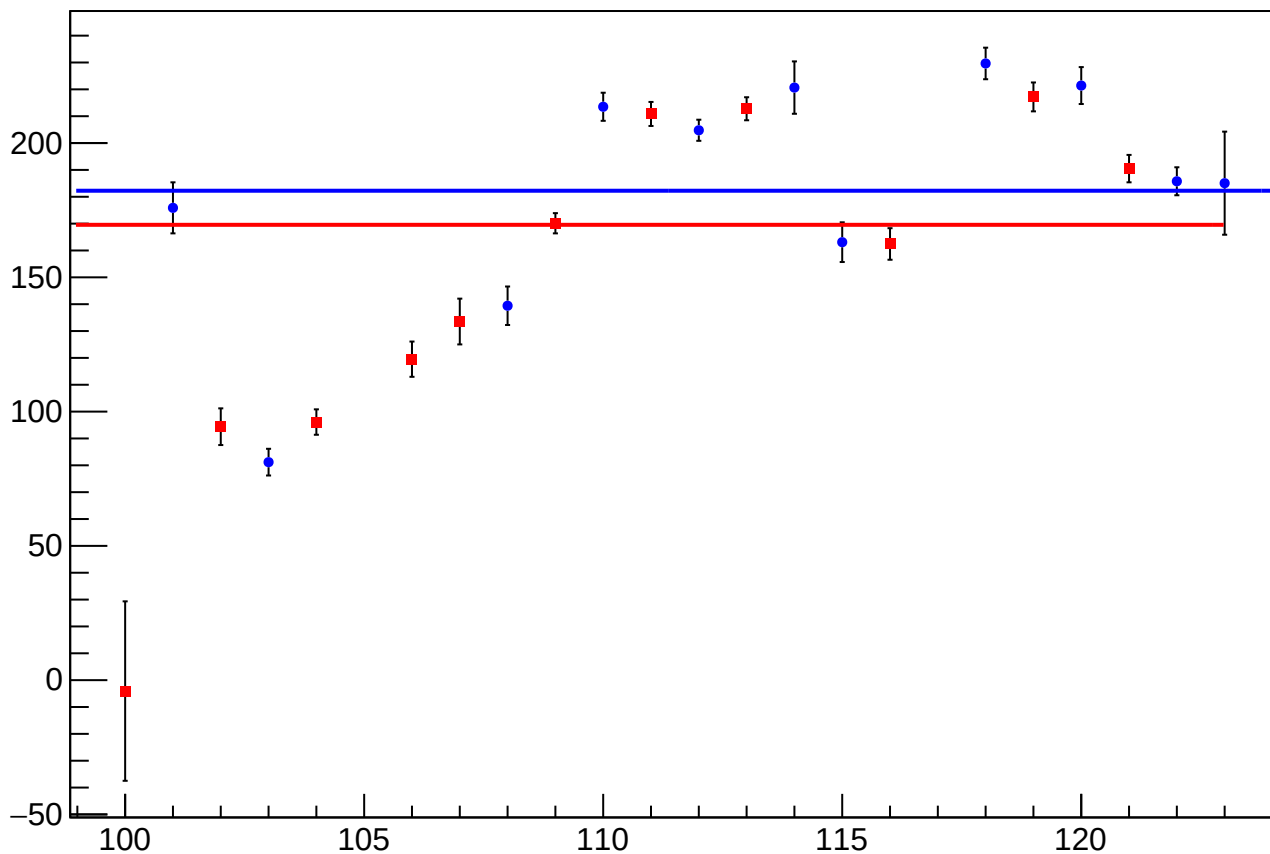
Right: -108.614+/-0.075 χ^2/NDF : 253463.7/21

In: -116.330+/-0.113 χ^2/NDF : 111899.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.614+/-0.075 χ^2/NDF : 253463.7/21

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 182.248+/-1.854 χ^2/NDF : 638.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.556+/-1.621 χ^2/NDF : 748.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

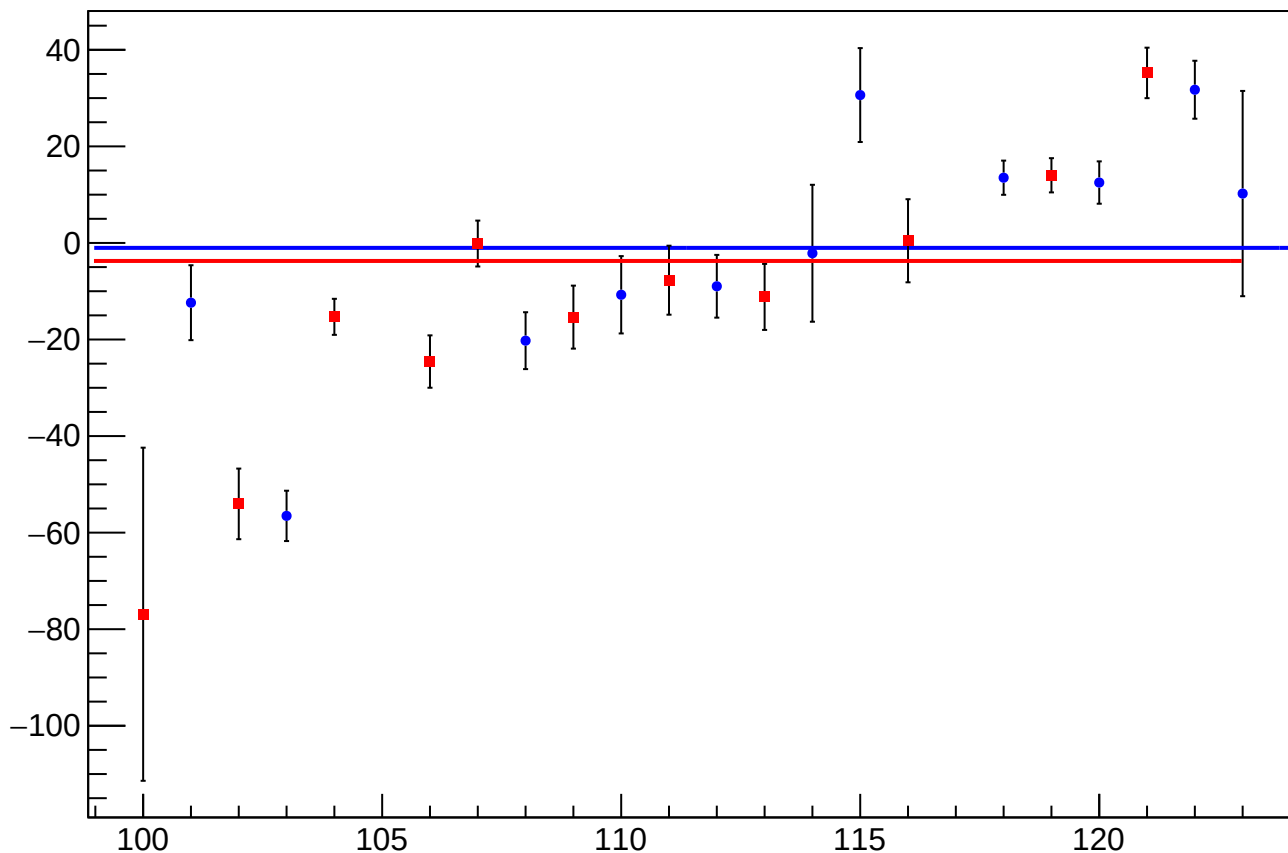
Right: 175.052+/-1.220 χ^2/NDF : 1412.9/21

In: 182.248+/-1.854 χ^2/NDF :638.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.052+/-1.220 χ^2/NDF : 1412.9/21

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.020+/-1.830 χ^2/NDF : 196.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.730+/-1.658 χ^2/NDF : 162.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

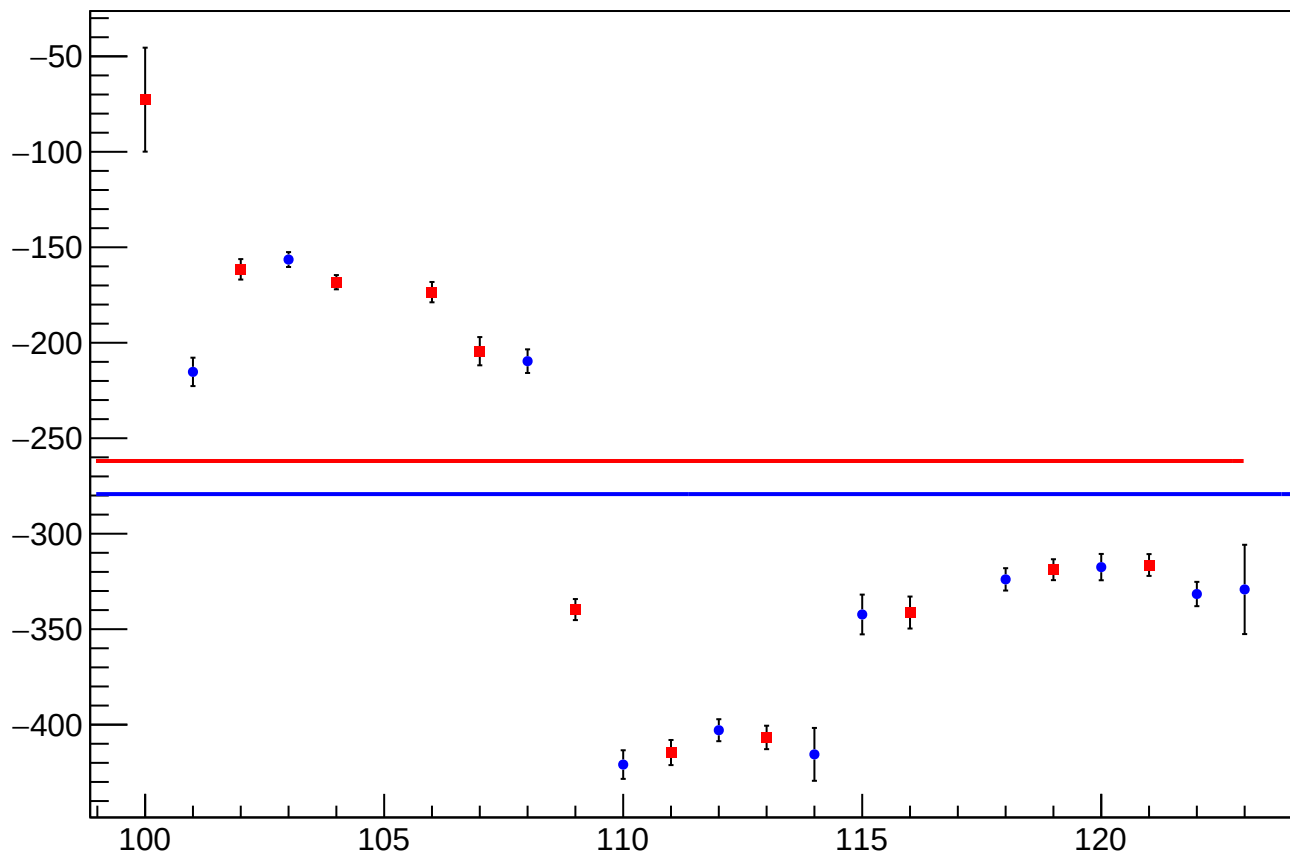
Right: -2.508+/-1.229 χ^2/NDF : 359.6/21

In: -1.020+/-1.830 χ^2/NDF : 196.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.508+/-1.229 χ^2/NDF : 359.6/21

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -279.256+/-2.004 χ^2/NDF : 2304.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -261.917+/-1.761 χ^2/NDF : 2947.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

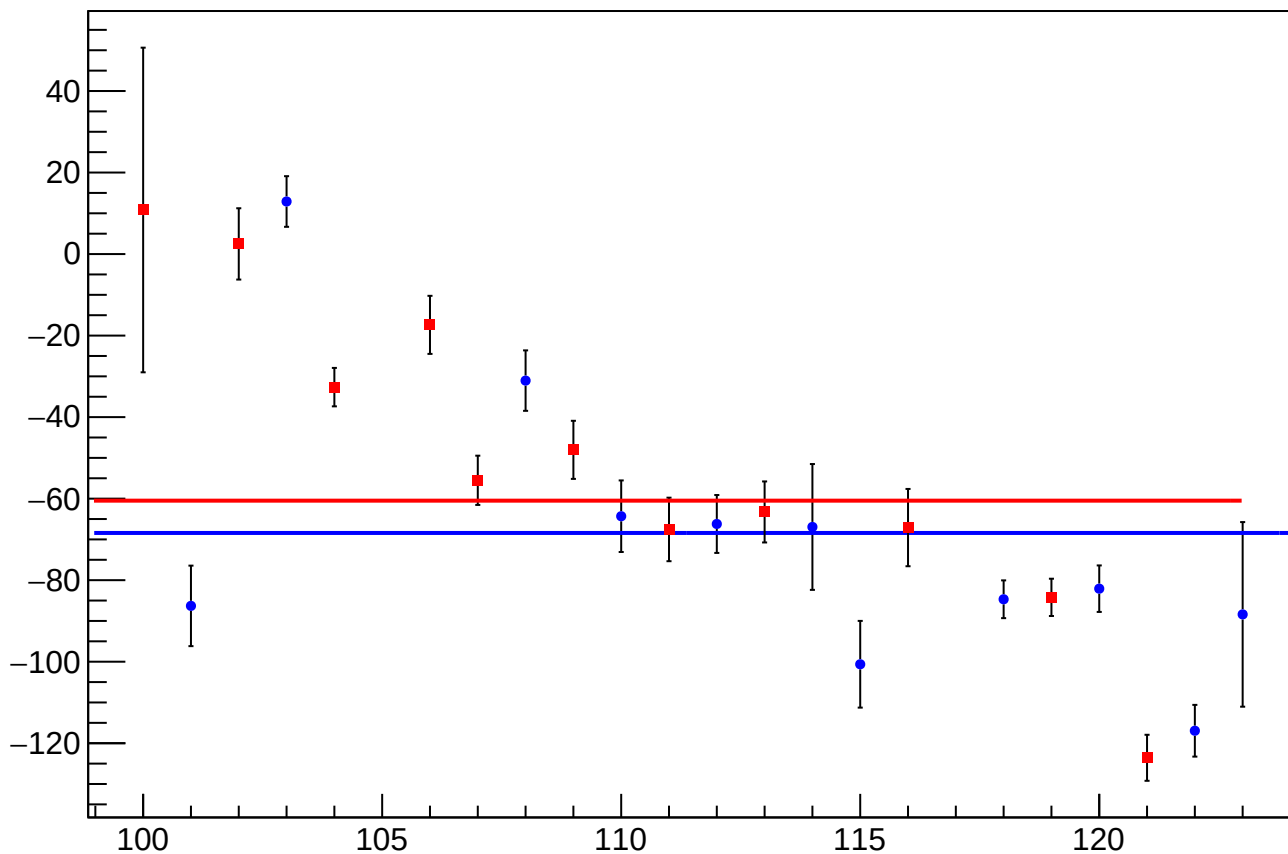
Right: -269.475+/-1.323 χ^2/NDF : 5294.5/21

In: -279.256+/-2.004 χ^2/NDF :2304.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -269.475+/-1.323 χ^2/NDF : 5294.5/21

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.416 ± 2.212 χ^2/NDF : 286.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.493 ± 1.999 χ^2/NDF : 283.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

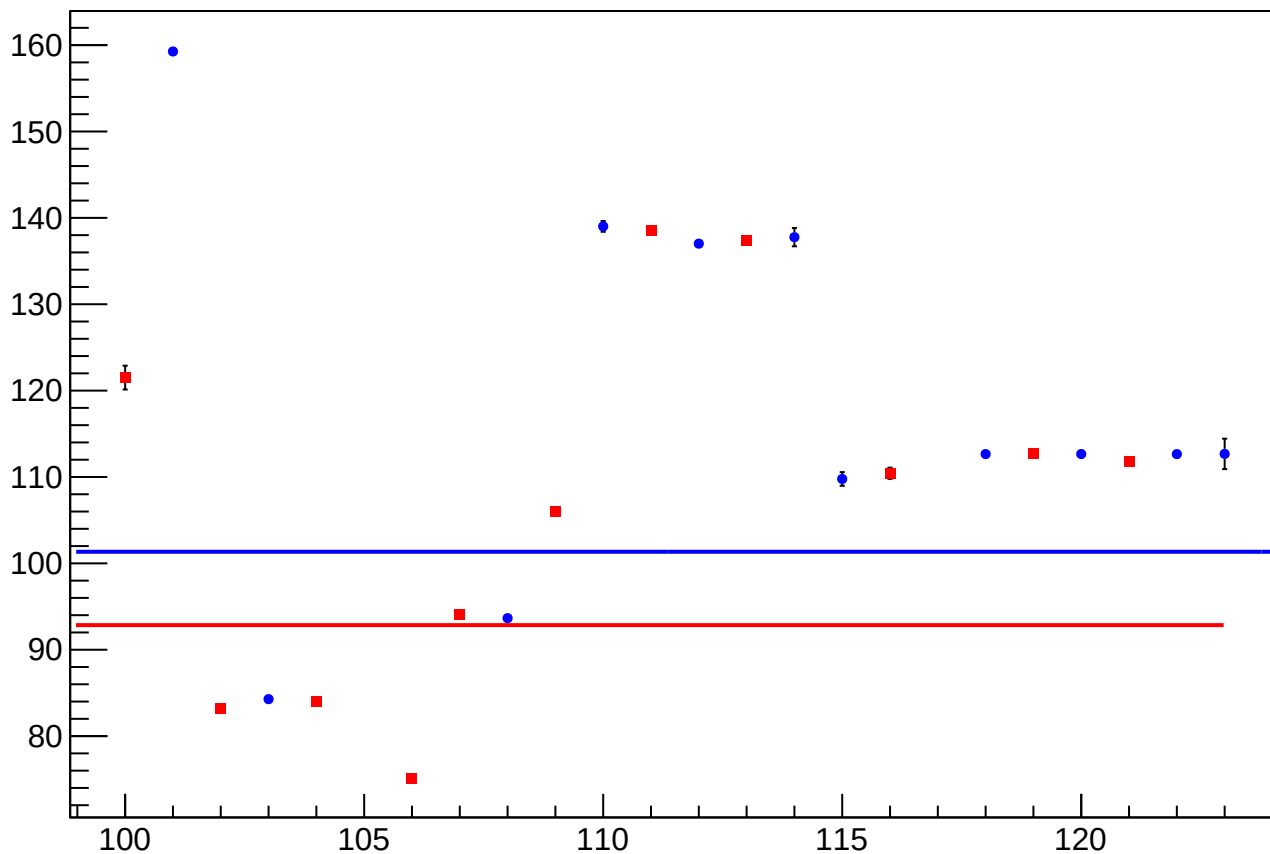
Right: -64.055 ± 1.483 χ^2/NDF : 577.5/21

In: -68.416 ± 2.212 χ^2/NDF : 286.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.055 ± 1.483 χ^2/NDF : 577.5/21

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 101.343+/-0.111 χ^2/NDF : 41999.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 92.849+/-0.098 χ^2/NDF : 32106.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

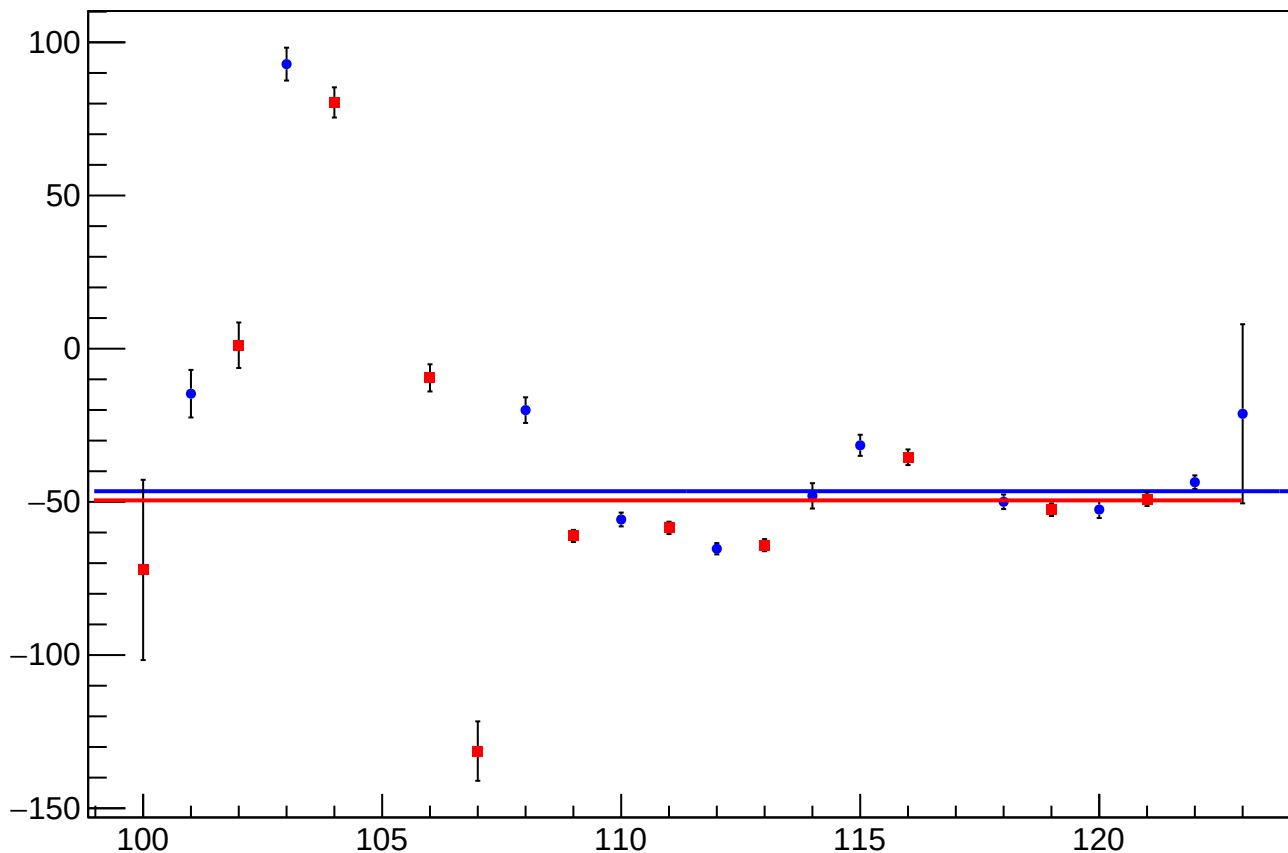
Right: 96.549+/-0.073 χ^2/NDF : 77406.6/21

In: 101.343+/-0.111 χ^2/NDF :41999.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 96.549+/-0.073 χ^2/NDF : 77406.6/21

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -46.517 ± 0.895 $\chi^2/\text{NDF}: 880.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -49.511 ± 0.824 $\chi^2/\text{NDF}: 1037.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

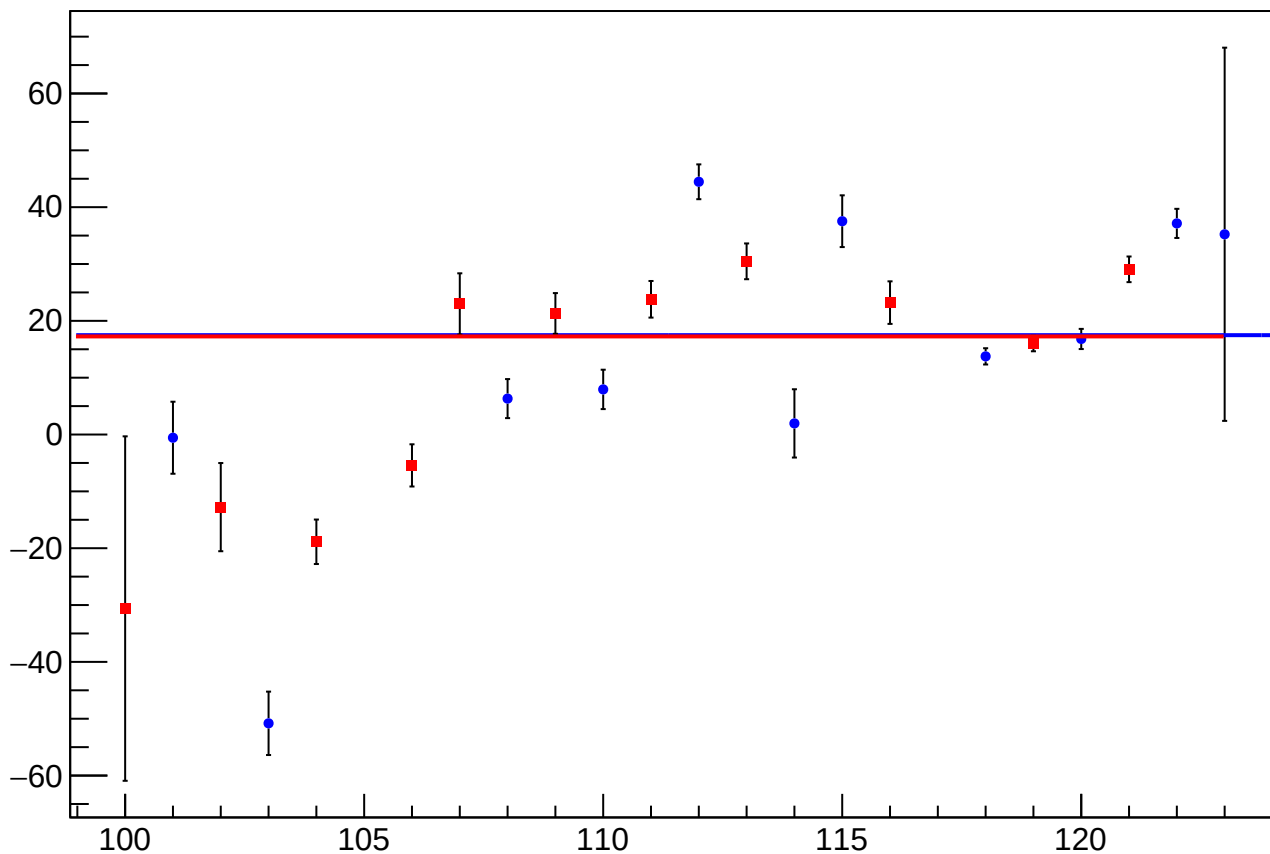
Right: -48.137 ± 0.606 $\chi^2/\text{NDF}: 1923.8/21$

In: -46.517 ± 0.895 $\chi^2/\text{NDF}: 880.3/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -48.137 ± 0.606 $\chi^2/\text{NDF}: 1923.8/21$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.482+/-0.855 χ^2/NDF : 346.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.260+/-0.888 χ^2/NDF : 195.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

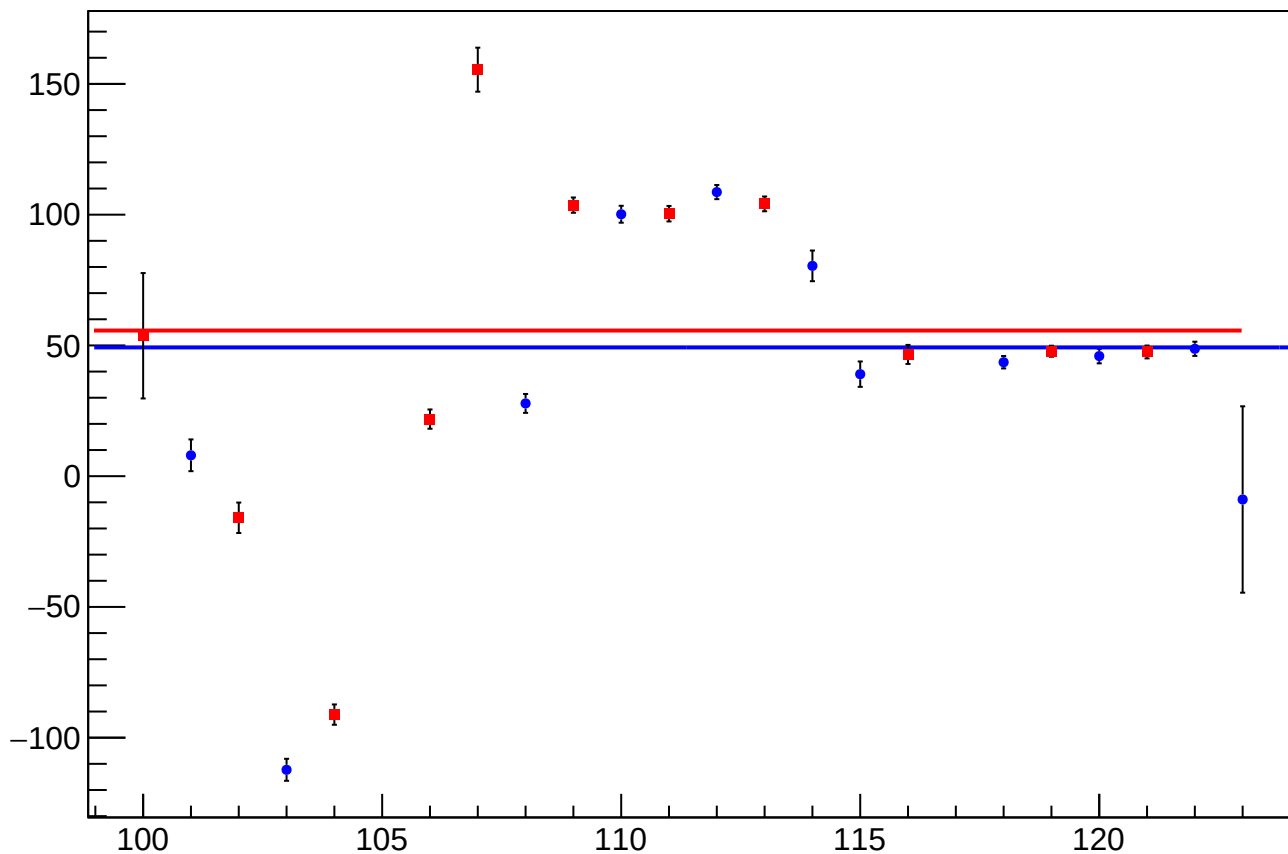
Right: 17.375+/-0.616 χ^2/NDF : 541.0/21

In: 17.482+/-0.855 χ^2/NDF : 346.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.375+/-0.616 χ^2/NDF : 541.0/21

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.244+/-1.050 χ^2/NDF : 2326.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.695+/-0.996 χ^2/NDF : 2627.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

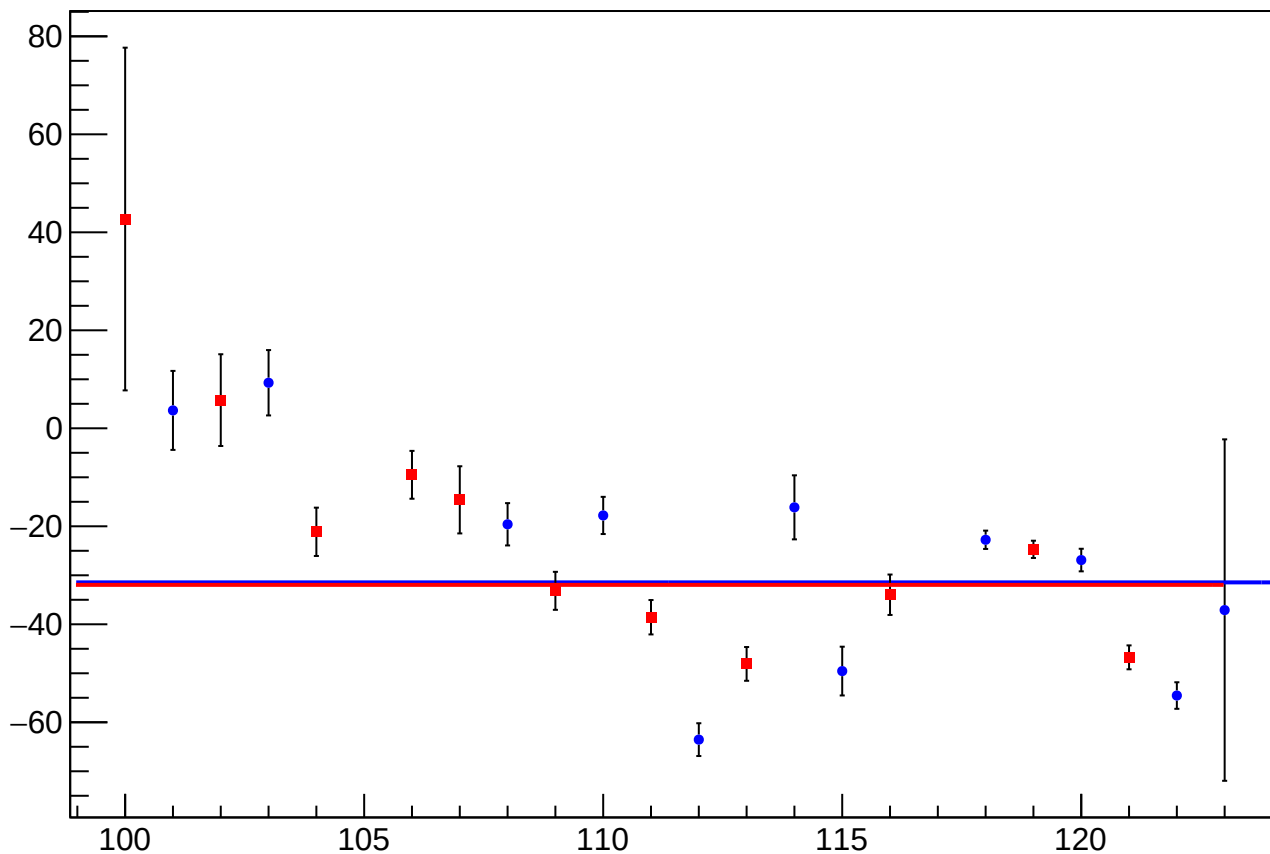
Right: 52.641+/-0.723 χ^2/NDF : 4973.8/21

In: 49.244+/-1.050 χ^2/NDF : 2326.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.641+/-0.723 χ^2/NDF : 4973.8/21

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.449+/-1.039 χ^2/NDF : 285.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.953+/-1.056 χ^2/NDF : 132.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

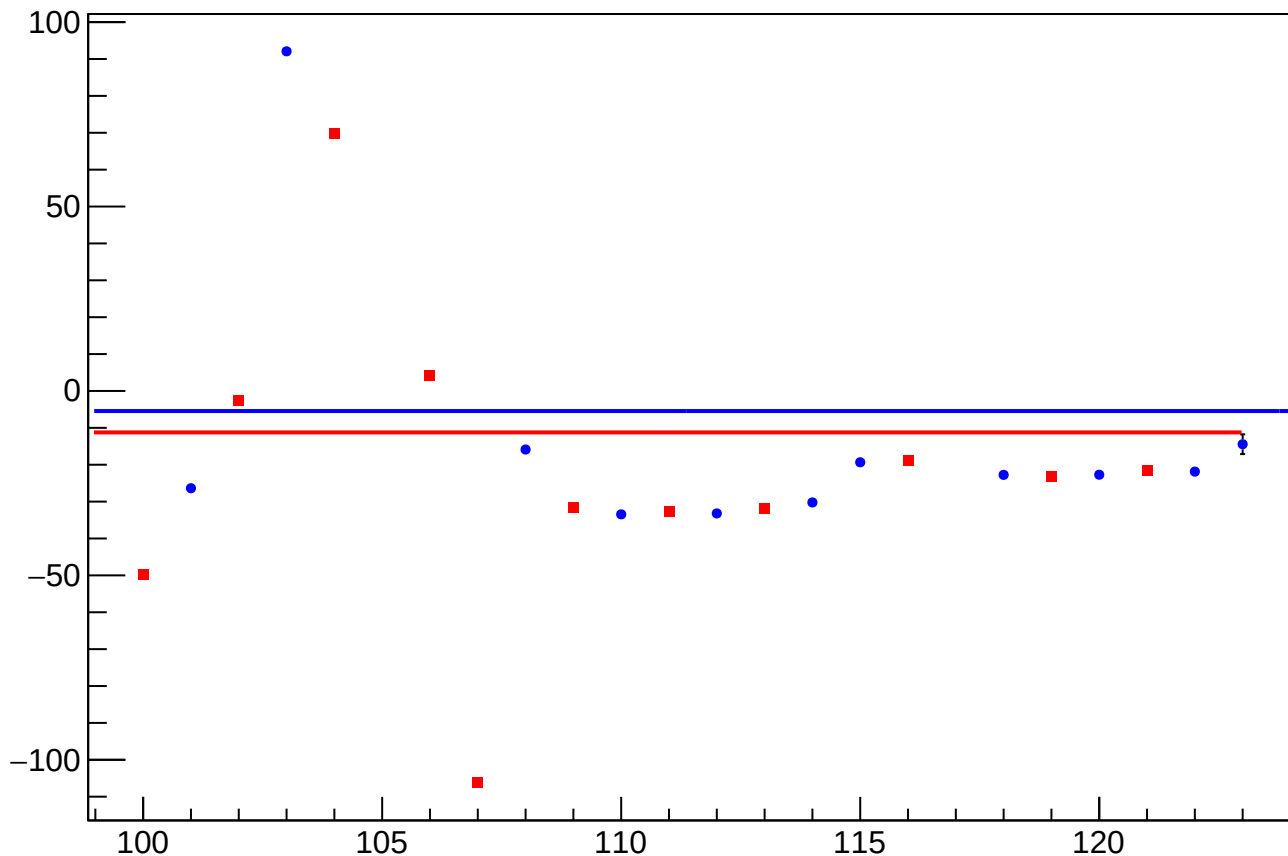
Right: -31.697+/-0.741 χ^2/NDF : 418.5/21

In: -31.449+/-1.039 χ^2/NDF : 285.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.697+/-0.741 χ^2/NDF : 418.5/21

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.445+/-0.069 χ^2/NDF : 367434.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.238+/-0.067 χ^2/NDF : 310697.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

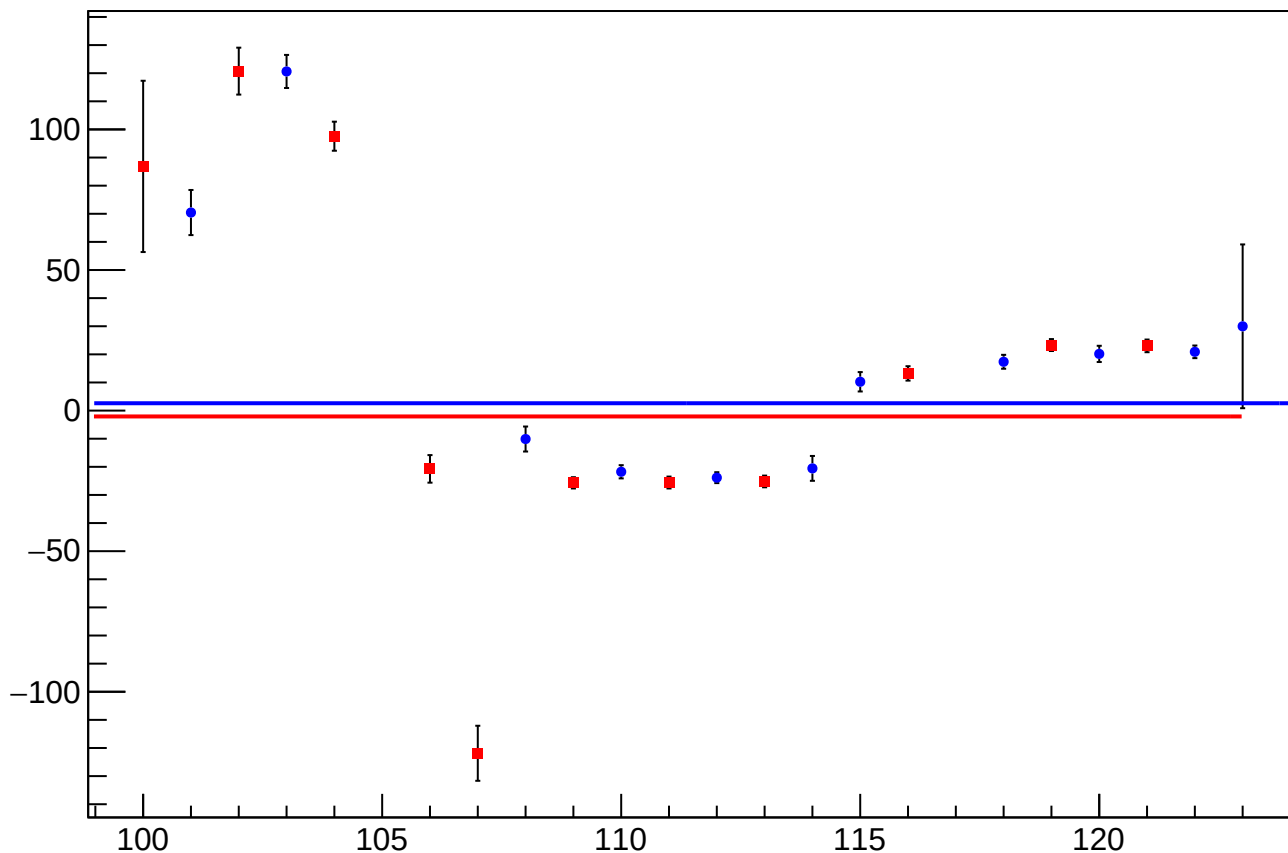
Right: -8.450+/-0.048 χ^2/NDF : 681758.2/21

In: -5.445+/-0.069 χ^2/NDF : 367434.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.450+/-0.048 χ^2/NDF : 681758.2/21

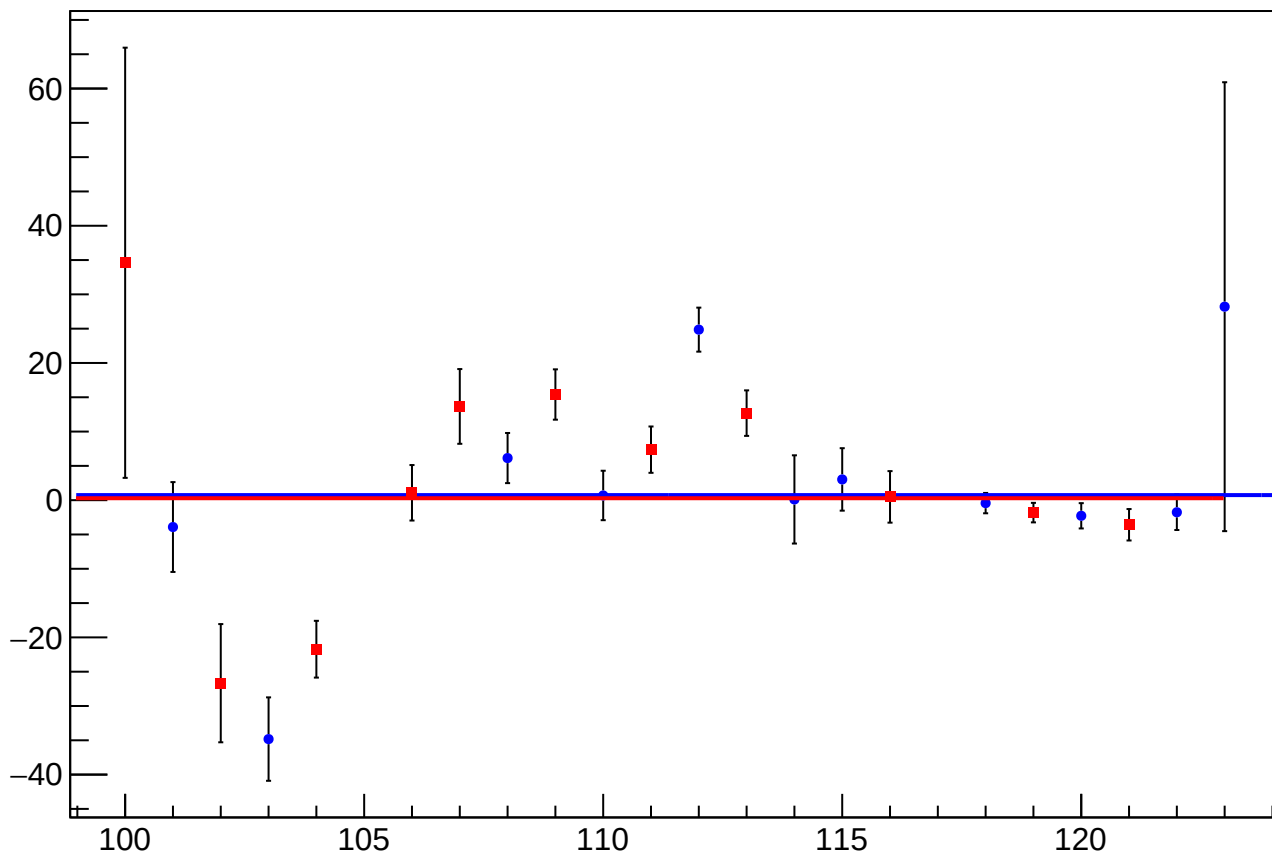
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.616+/-0.928 χ^2/NDF : 948.2/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.082+/-0.851 χ^2/NDF : 1450.2/10
 Left 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+/-0.627 χ^2/NDF : 2412.4/21
 In: 2.616+/-0.928 χ^2/NDF : 948.2/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.064+/-0.627 χ^2/NDF : 2412.4/21

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.741+/-0.887 χ^2/NDF : 98.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.283+/-0.922 χ^2/NDF : 85.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

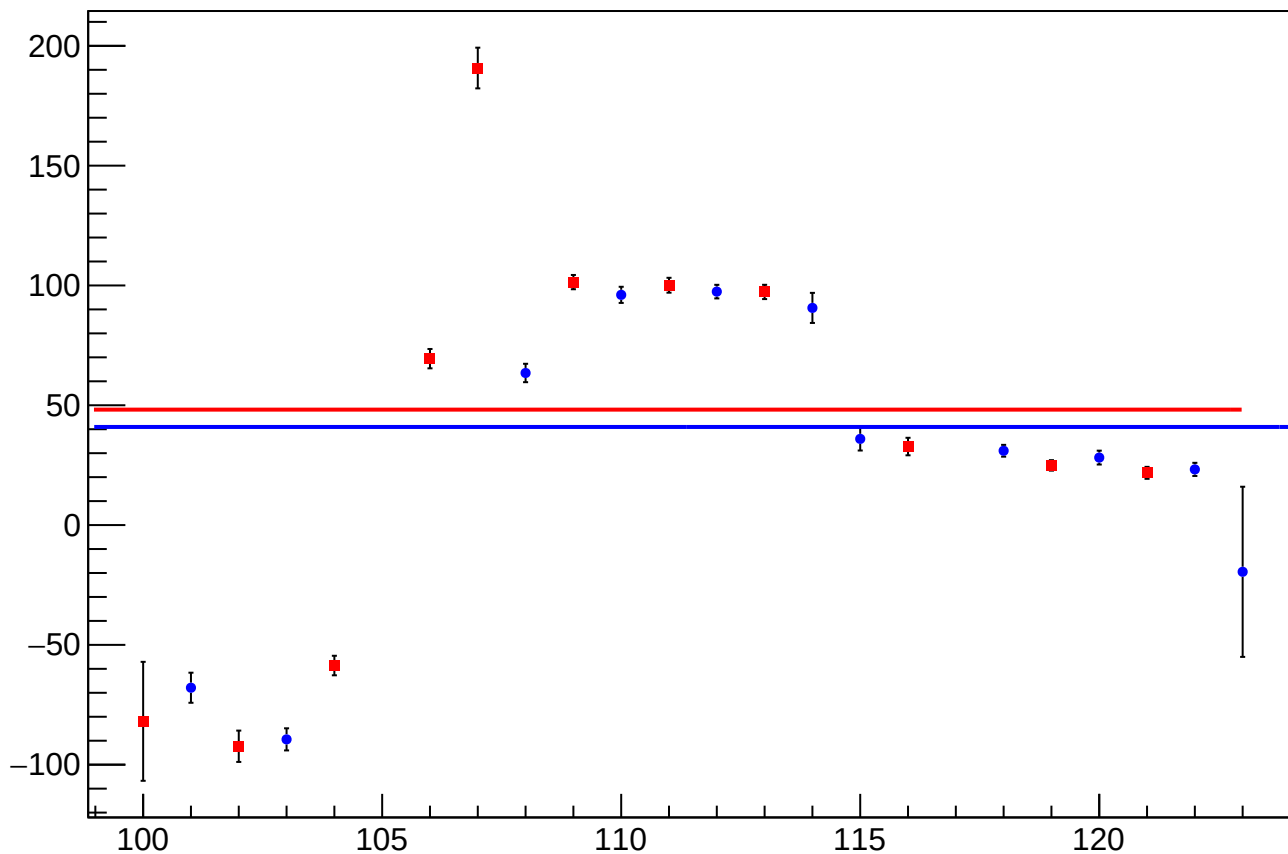
Right: 0.521+/-0.639 χ^2/NDF : 184.5/21

In: 0.741+/-0.887 χ^2/NDF : 98.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.521+/-0.639 χ^2/NDF : 184.5/21

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.944+/-1.092 χ^2 /NDF: 1942.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 48.178+/-1.034 χ^2 /NDF: 2598.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

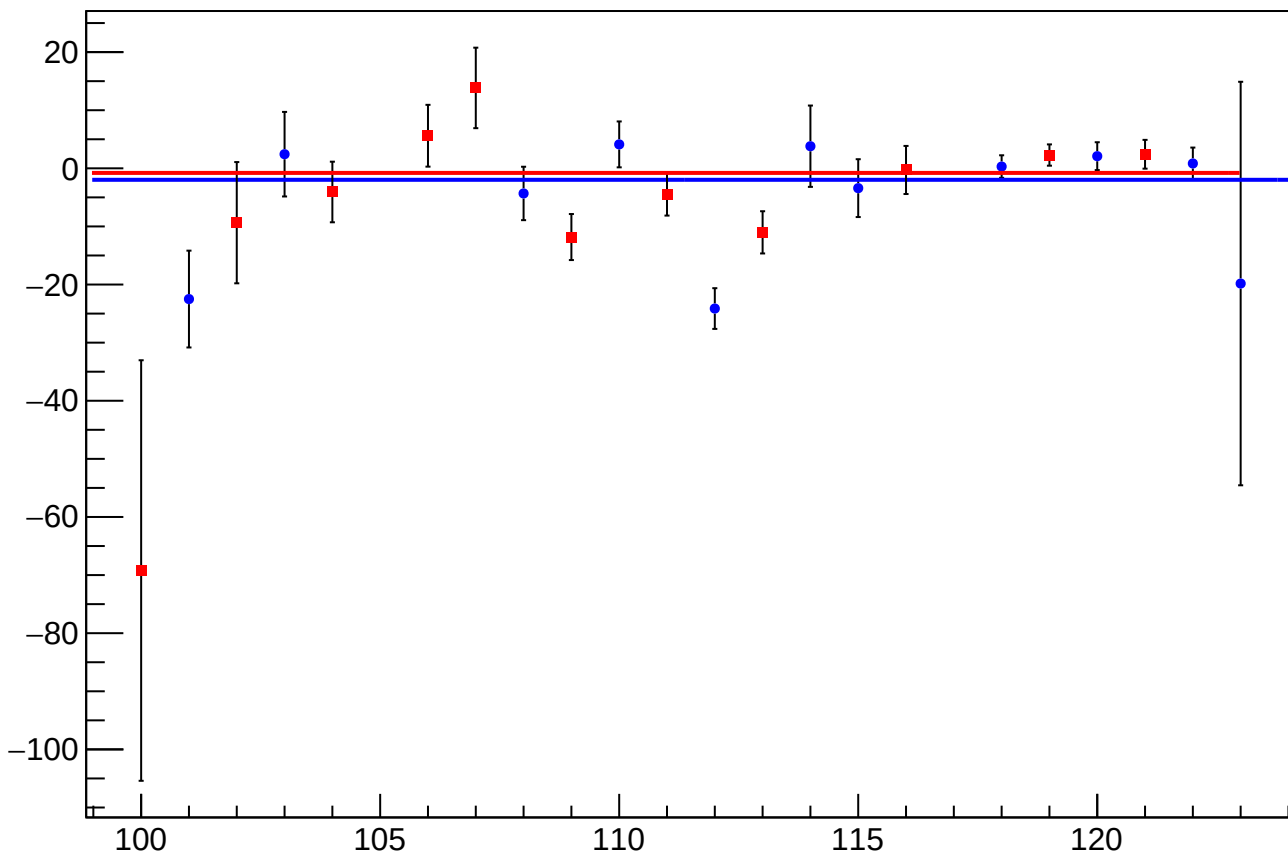
Right: 44.757+/-0.751 χ^2 /NDF: 4563.4/21

In: 40.944+/-1.092 χ^2 /NDF:1942.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 44.757+/-0.751 χ^2 /NDF: 4563.4/21

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.976+/-1.077 χ^2 /NDF: 55.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.791+/-1.094 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

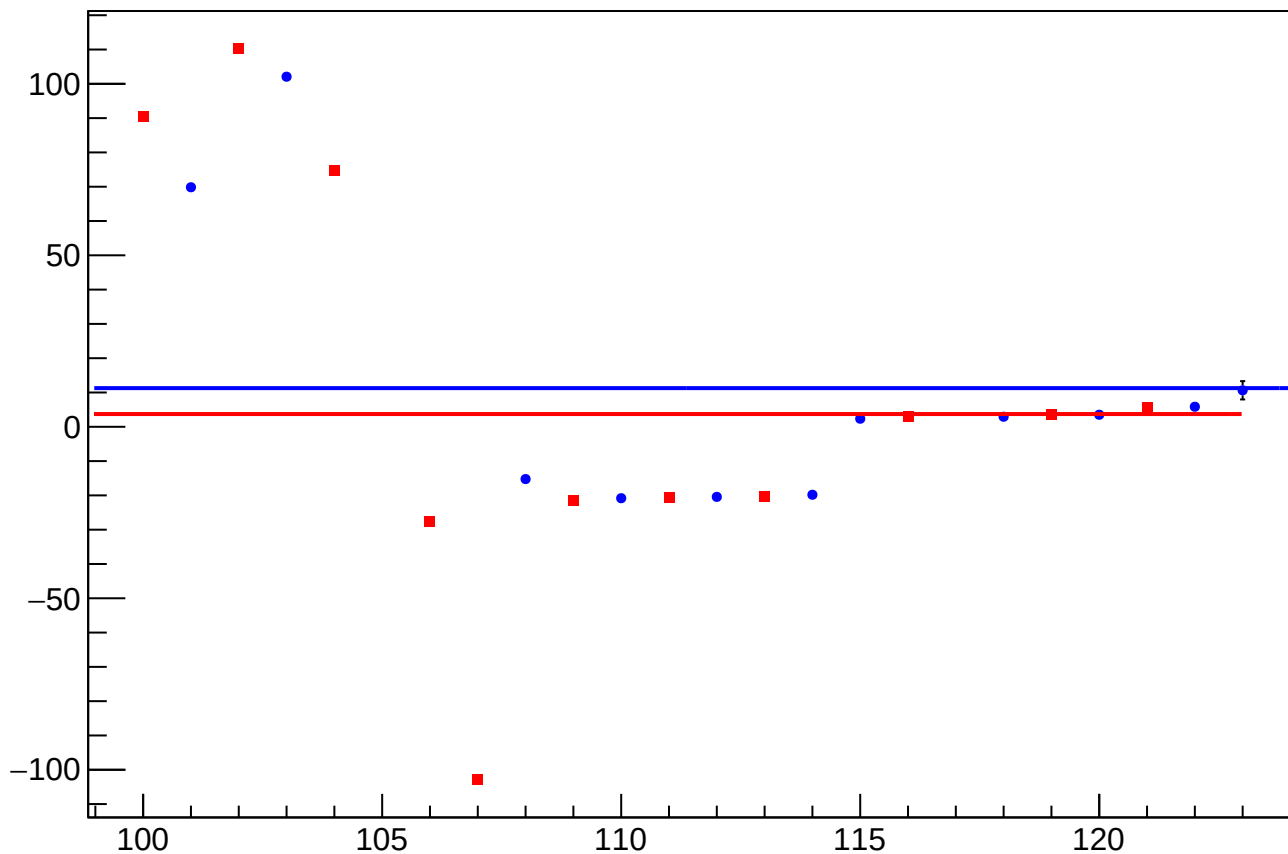
Right: -1.392+/-0.768 χ^2 /NDF: 87.8/21

In: -1.976+/-1.077 χ^2 /NDF:55.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.392+/-0.768 χ^2 /NDF: 87.8/21

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.276+/-0.073 χ^2/NDF : 314882.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.718+/-0.070 χ^2/NDF : 434611.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

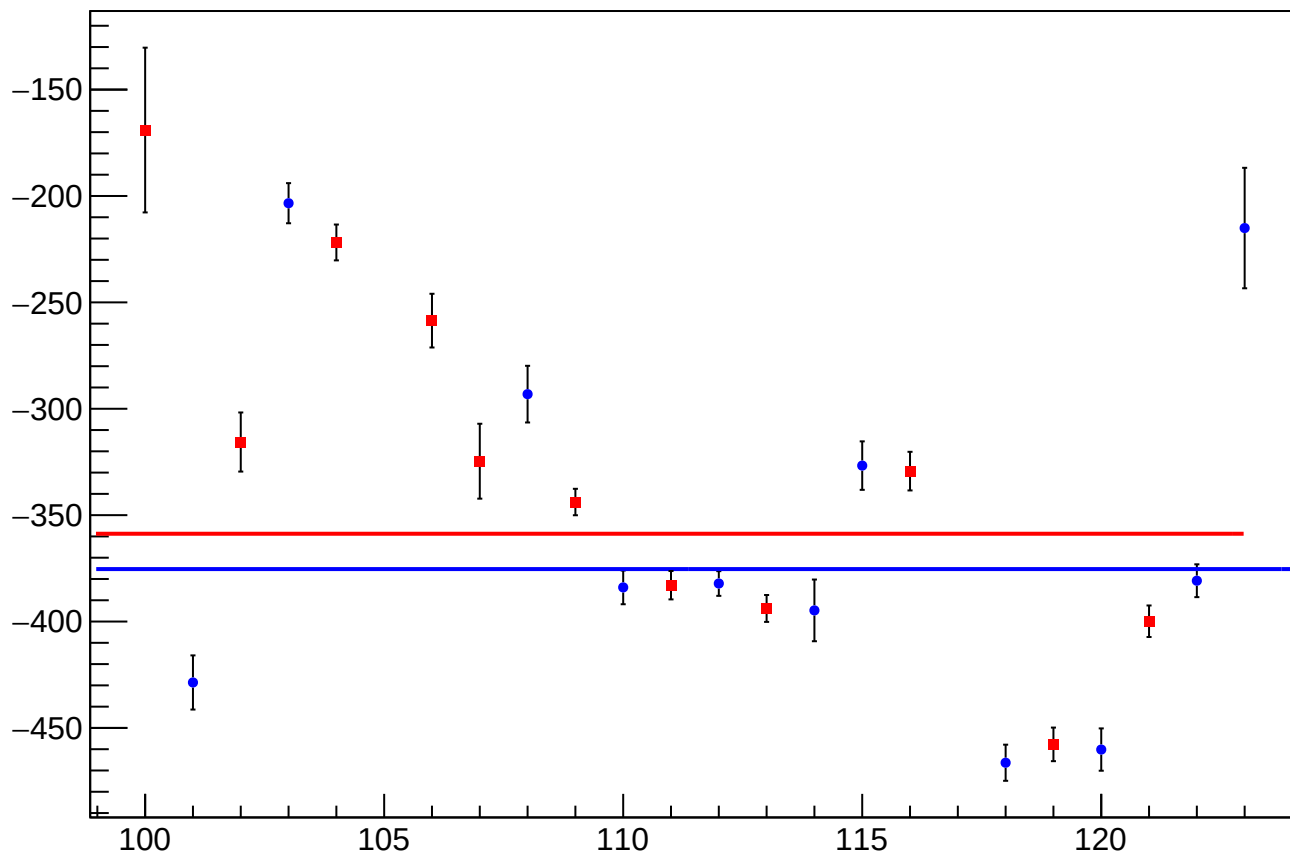
Right: 7.358+/-0.050 χ^2/NDF : 755090.5/21

In: 11.276+/-0.073 χ^2/NDF : 314882.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.358+/-0.050 χ^2/NDF : 755090.5/21

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -375.344+/-2.849 χ^2/NDF : 631.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -358.737+/-2.588 χ^2/NDF : 612.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

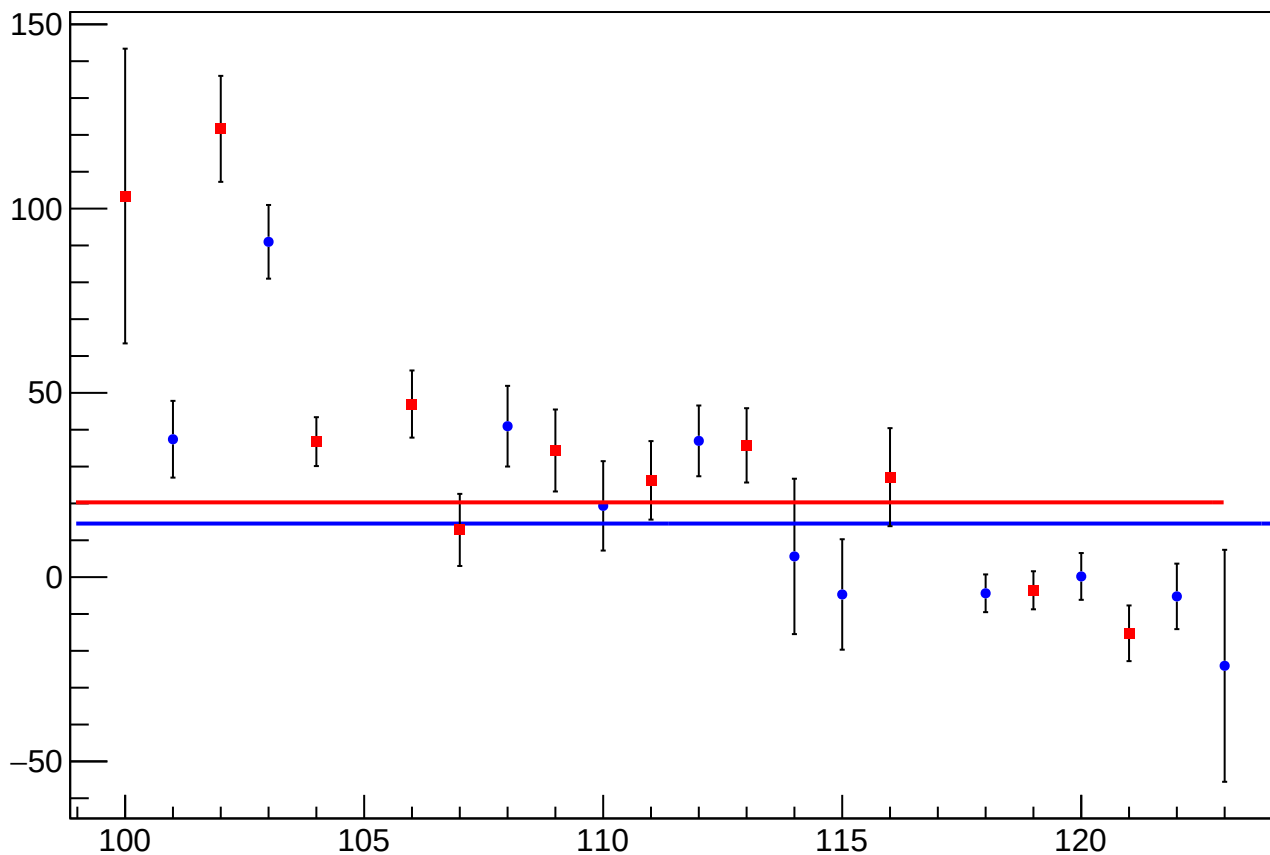
Right: -366.246+/-1.916 χ^2/NDF : 1262.4/21

In: -375.344+/-2.849 χ^2/NDF : 631.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.246+/-1.916 χ^2/NDF : 1262.4/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.538+/-2.789 χ^2/NDF : 101.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.288+/-2.691 χ^2/NDF : 117.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

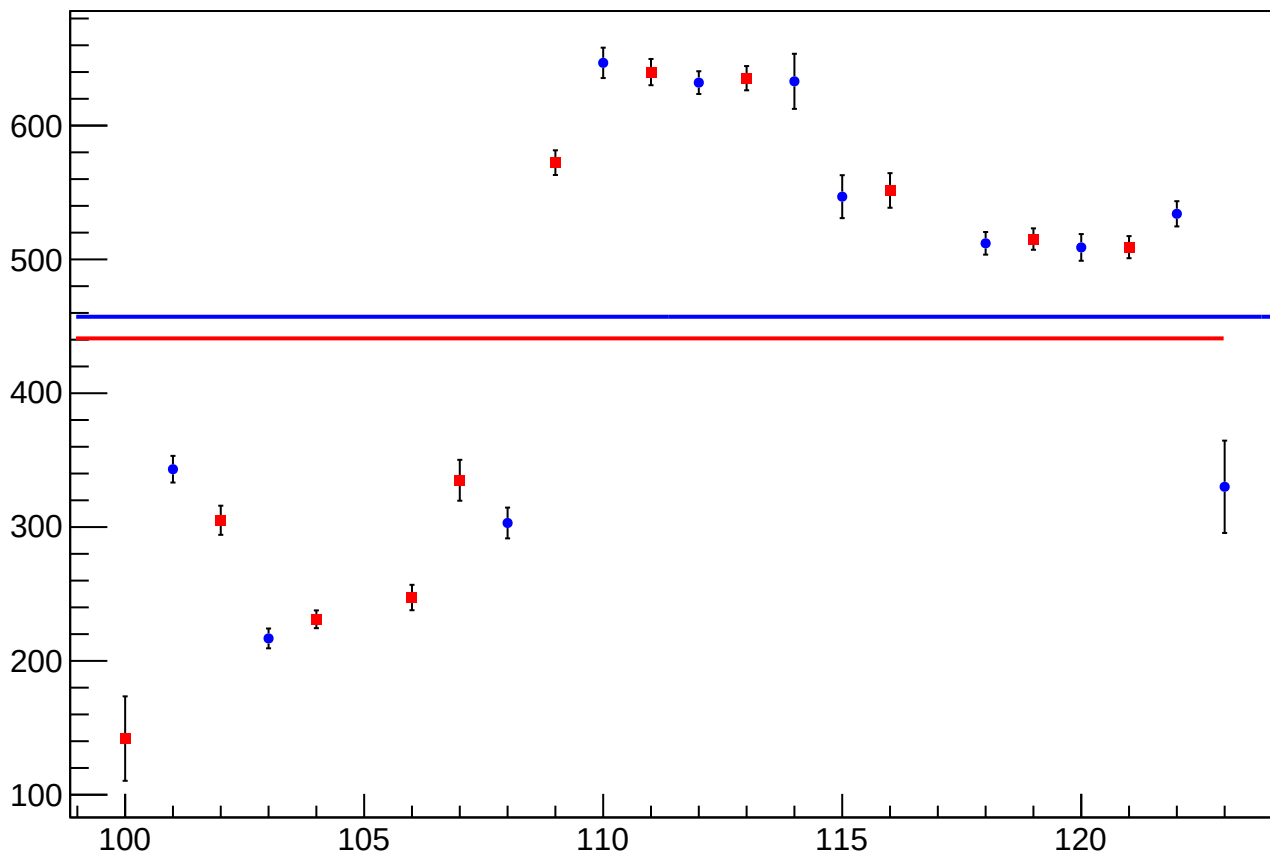
Right: 17.516+/-1.937 χ^2/NDF : 221.3/21

In: 14.538+/-2.789 χ^2/NDF : 101.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.516+/-1.937 χ^2/NDF : 221.3/21

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 457.153+/-3.164 χ^2/NDF : 2322.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 440.979+/-2.910 χ^2/NDF : 3010.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

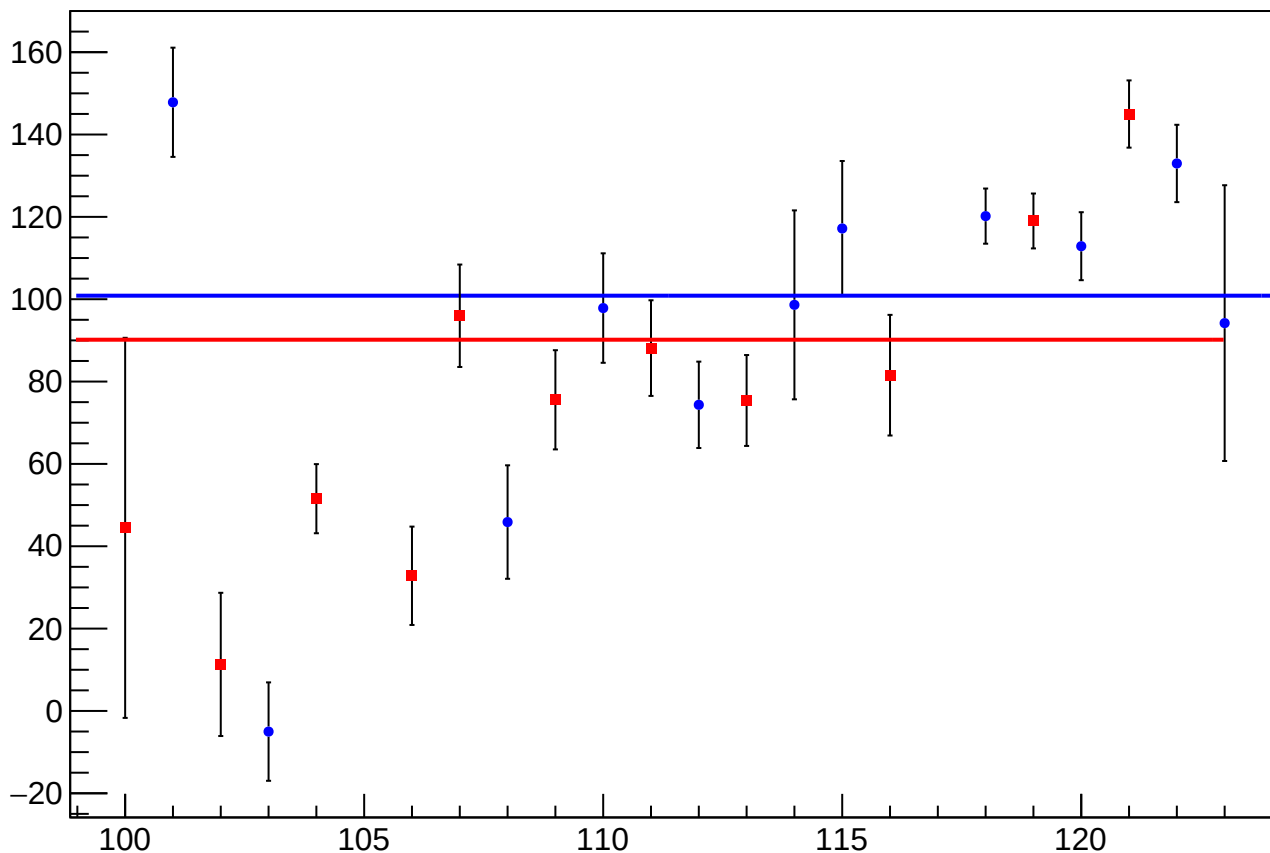
Right: 448.391+/-2.142 χ^2/NDF : 5347.0/21

In: 457.153+/-3.164 χ^2/NDF :2322.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 448.391+/-2.142 χ^2/NDF : 5347.0/21

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 100.858+/-3.381 χ^2/NDF : 136.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 90.164+/-3.226 χ^2/NDF : 133.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

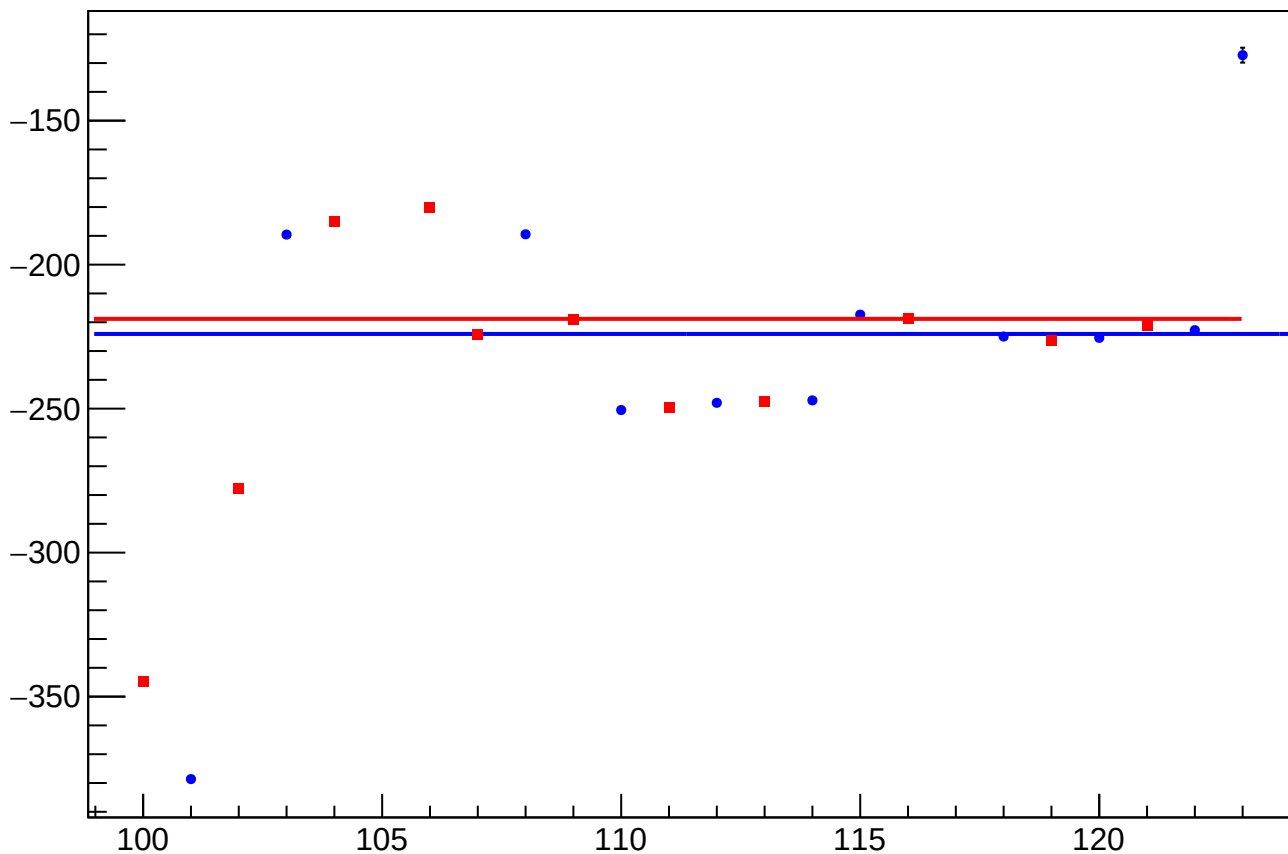
Right: 95.260+/-2.334 χ^2/NDF : 275.2/21

In: 100.858+/-3.381 χ^2/NDF :136.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 95.260+/-2.334 χ^2/NDF : 275.2/21

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.068+/-0.188 χ^2/NDF : 89017.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.833+/-0.175 χ^2/NDF : 41849.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

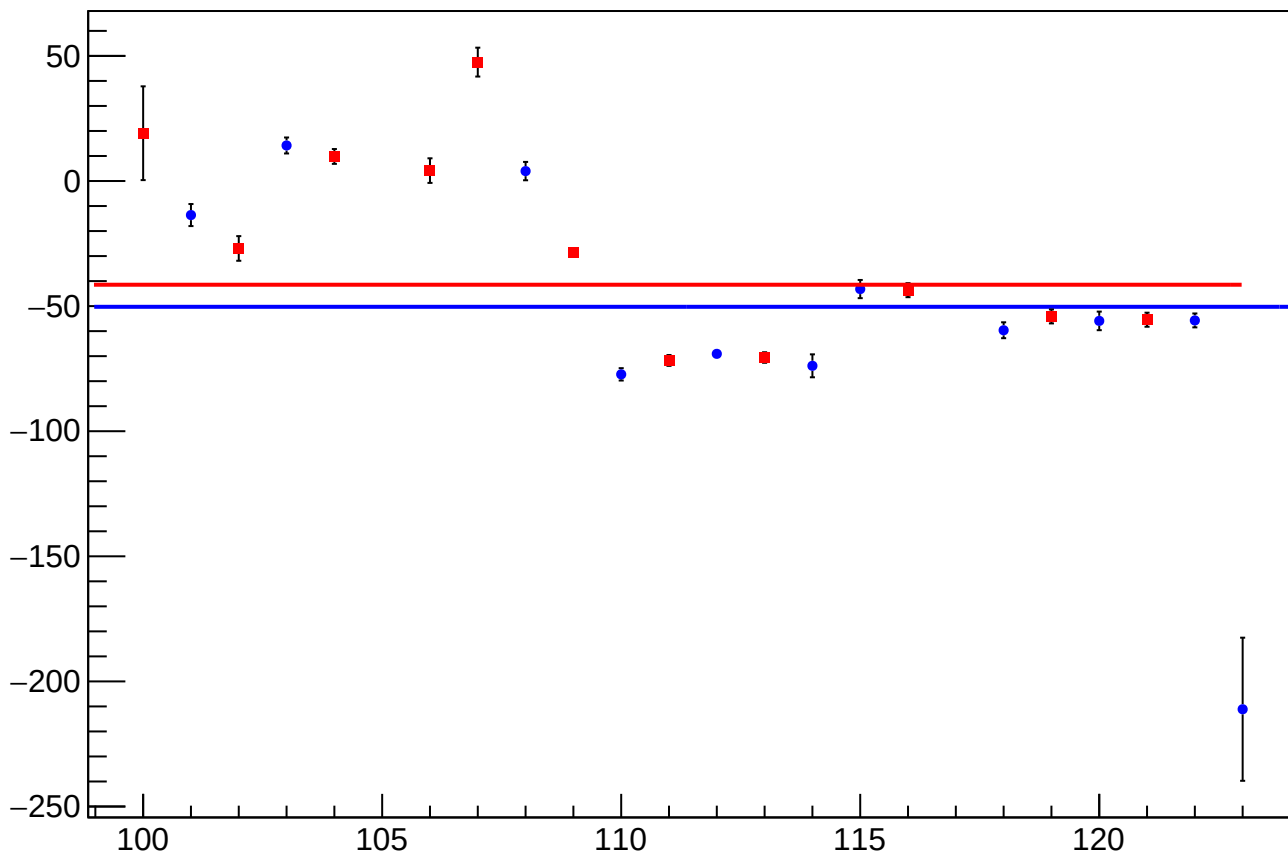
Right: -221.262+/-0.128 χ^2/NDF : 131280.6/21

In: -224.068+/-0.188 χ^2/NDF : 89017.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.262+/-0.128 χ^2/NDF : 131280.6/21

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.276+/-0.963 χ^2/NDF : 986.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.455+/-0.821 χ^2/NDF : 1148.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

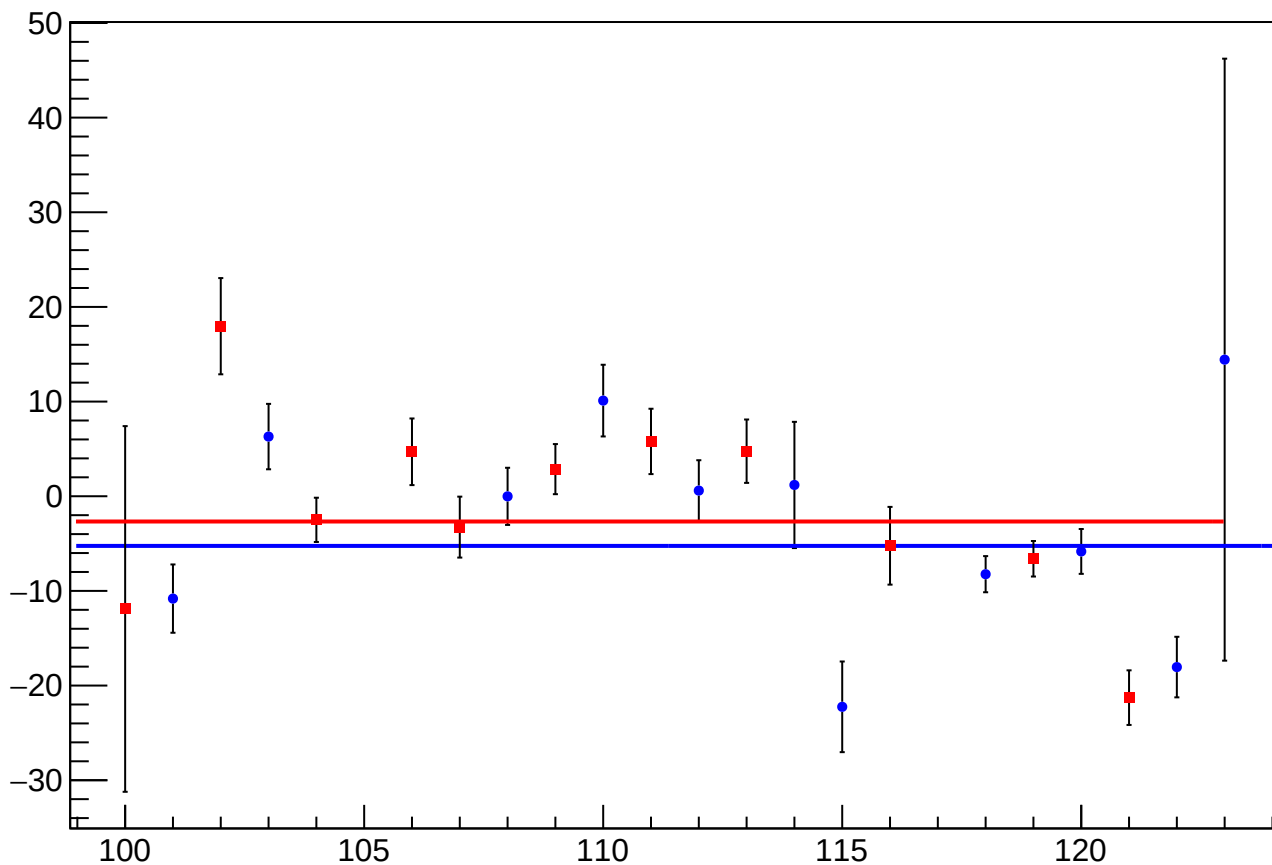
Right: -45.171+/-0.625 χ^2/NDF : 2183.2/21

In: -50.276+/-0.963 χ^2/NDF : 986.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.171+/-0.625 χ^2/NDF : 2183.2/21

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.246+/-0.974 χ^2/NDF : 68.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.669+/-0.920 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

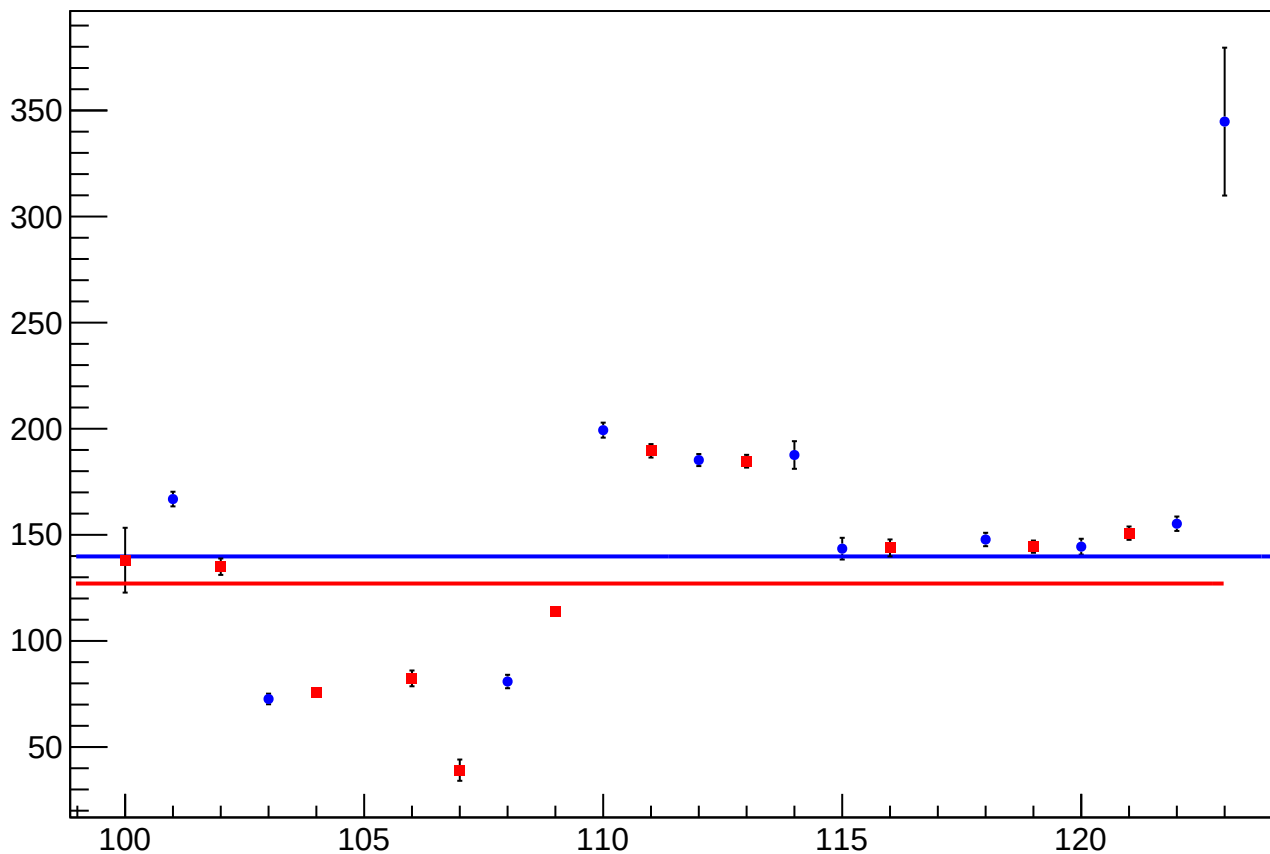
Right: -3.884+/-0.669 χ^2/NDF : 155.3/21

In: -5.246+/-0.974 χ^2/NDF : 68.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.884+/-0.669 χ^2/NDF : 155.3/21

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 139.821+/-1.073 χ^2/NDF : 1782.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.050+/-0.973 χ^2/NDF : 1838.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

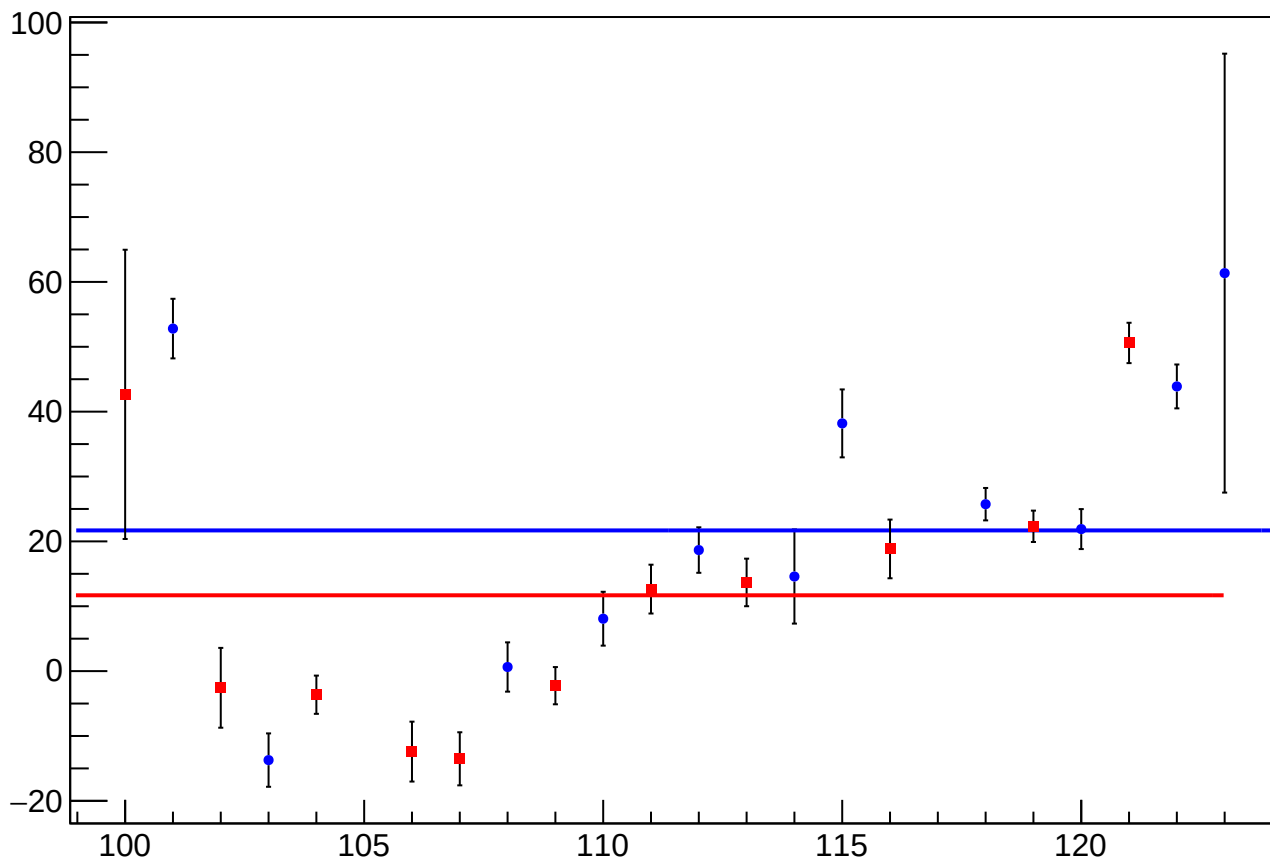
Right: 132.814+/-0.721 χ^2/NDF : 3698.6/21

In: 139.821+/-1.073 χ^2/NDF : 1782.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.814+/-0.721 χ^2/NDF : 3698.6/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.690 $\pm$ 1.175 χ^2 /NDF: 220.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.689 $\pm$ 1.091 χ^2 /NDF: 301.8/10

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

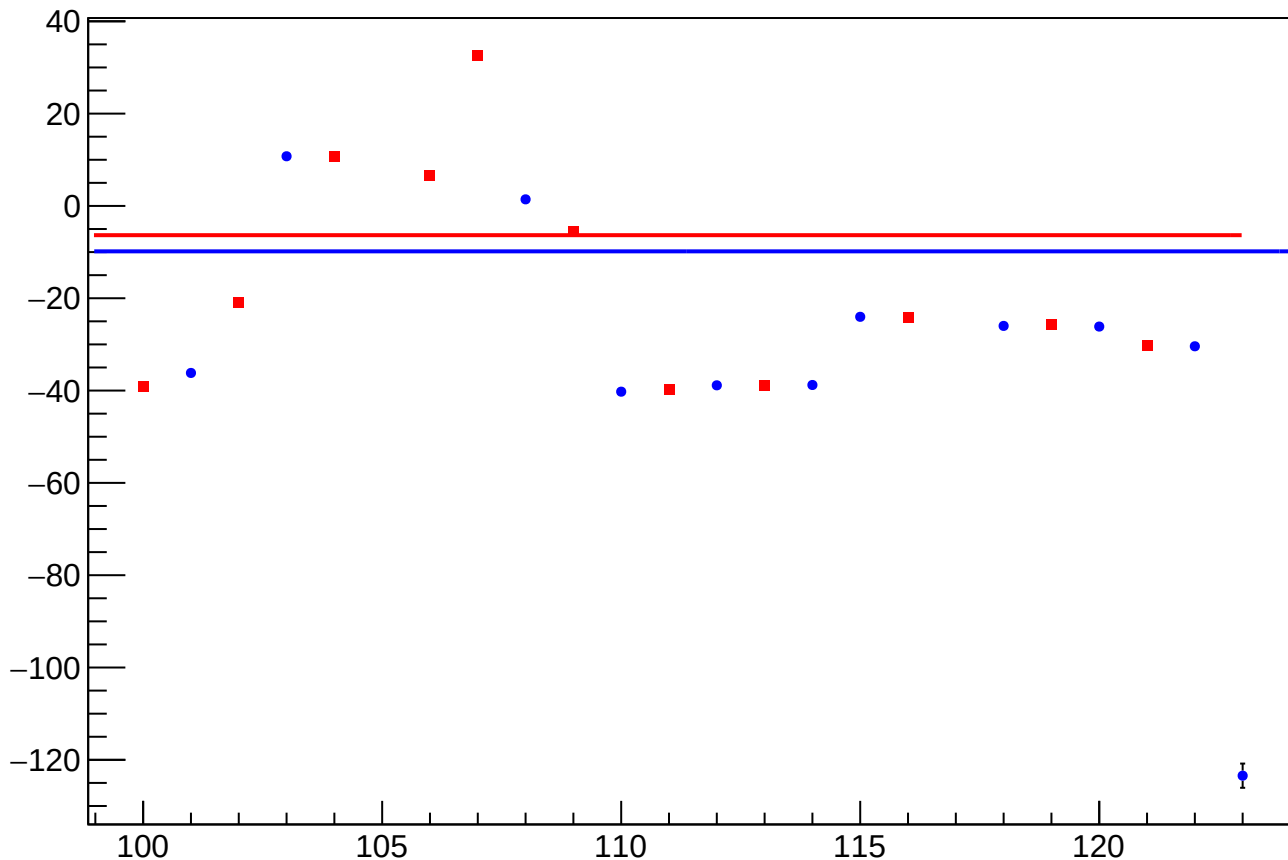
Right: 16.320 $\pm$ 0.800 χ^2 /NDF: 560.7/21

In: 21.690 $\pm$ 1.175 χ^2 /NDF:220.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.320 $\pm$ 0.800 χ^2 /NDF: 560.7/21

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.840+/-0.062 χ^2/NDF : 110828.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.336+/-0.059 χ^2/NDF : 130498.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

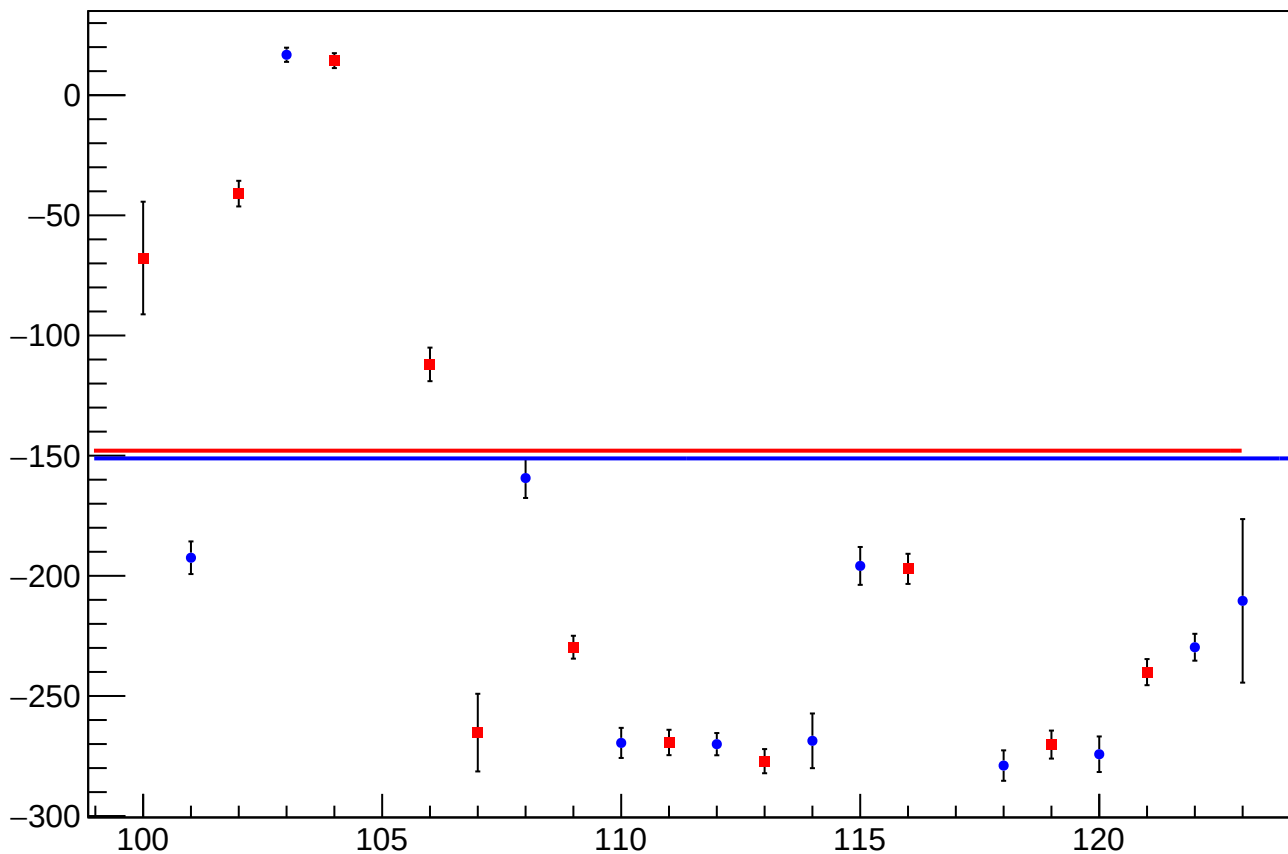
Right: -8.013+/-0.043 χ^2/NDF : 242994.0/21

In: -9.840+/-0.062 χ^2/NDF : 110828.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.013+/-0.043 χ^2/NDF : 242994.0/21

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -151.147+/-1.760 χ^2/NDF : 5305.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.924+/-1.637 χ^2/NDF : 5500.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

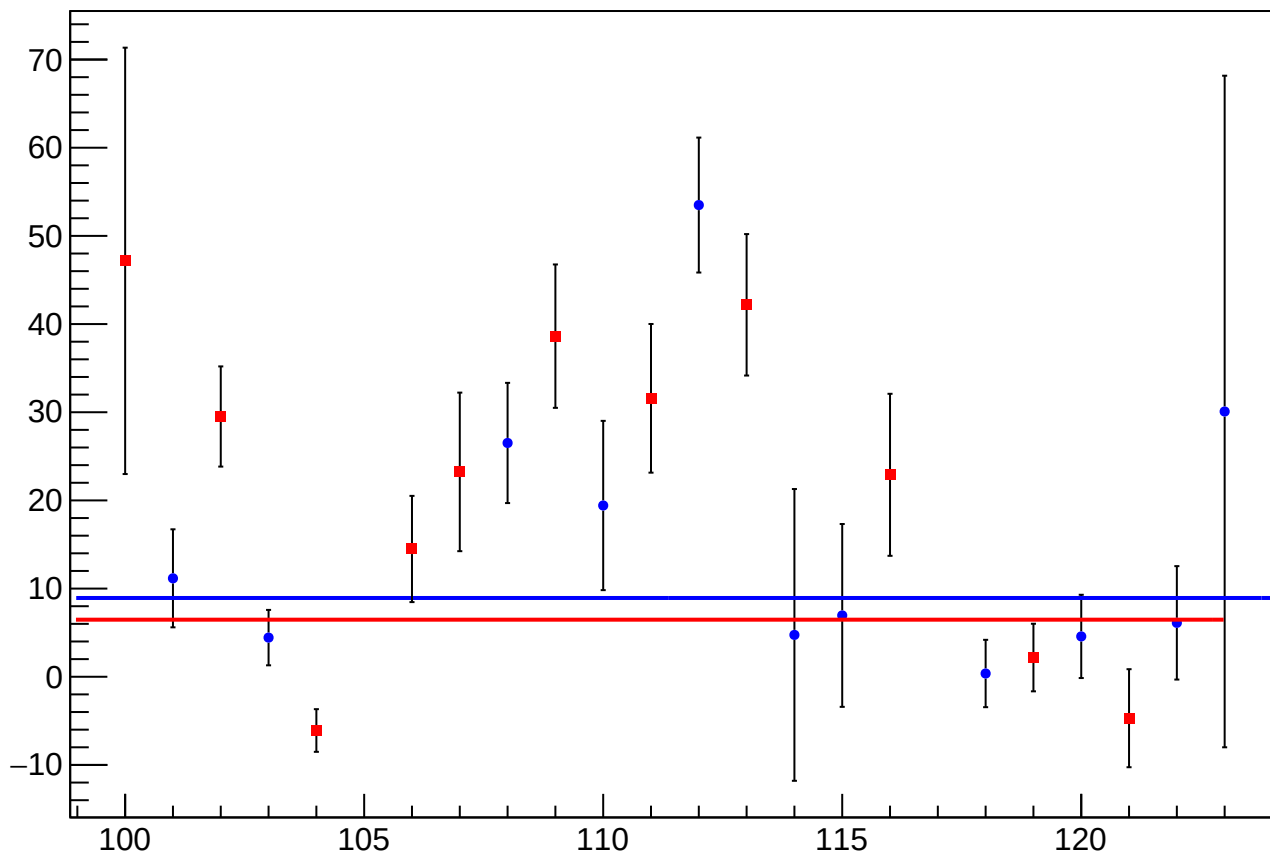
Right: -149.418+/-1.199 χ^2/NDF : 10808.2/21

In: -151.147+/-1.760 χ^2/NDF : 5305.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.418+/-1.199 χ^2/NDF : 10808.2/21

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.935+/-1.729 χ^2/NDF : 50.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.473+/-1.580 χ^2/NDF : 104.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

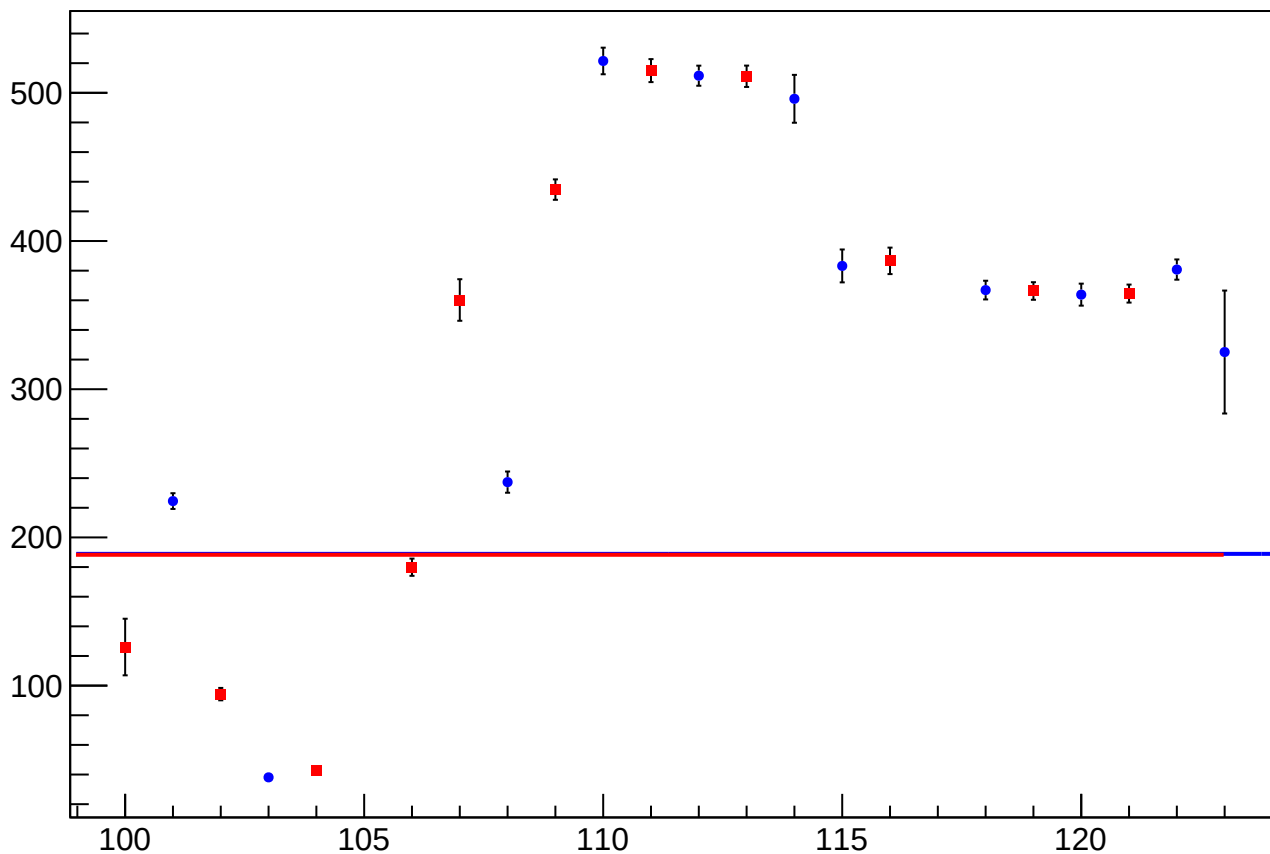
Right: 7.593+/-1.167 χ^2/NDF : 155.9/21

In: 8.935+/-1.729 χ^2/NDF : 50.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.593+/-1.167 χ^2/NDF : 155.9/21

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.900+/-1.686 χ^2/NDF : 10766.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.292+/-1.609 χ^2/NDF : 11488.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

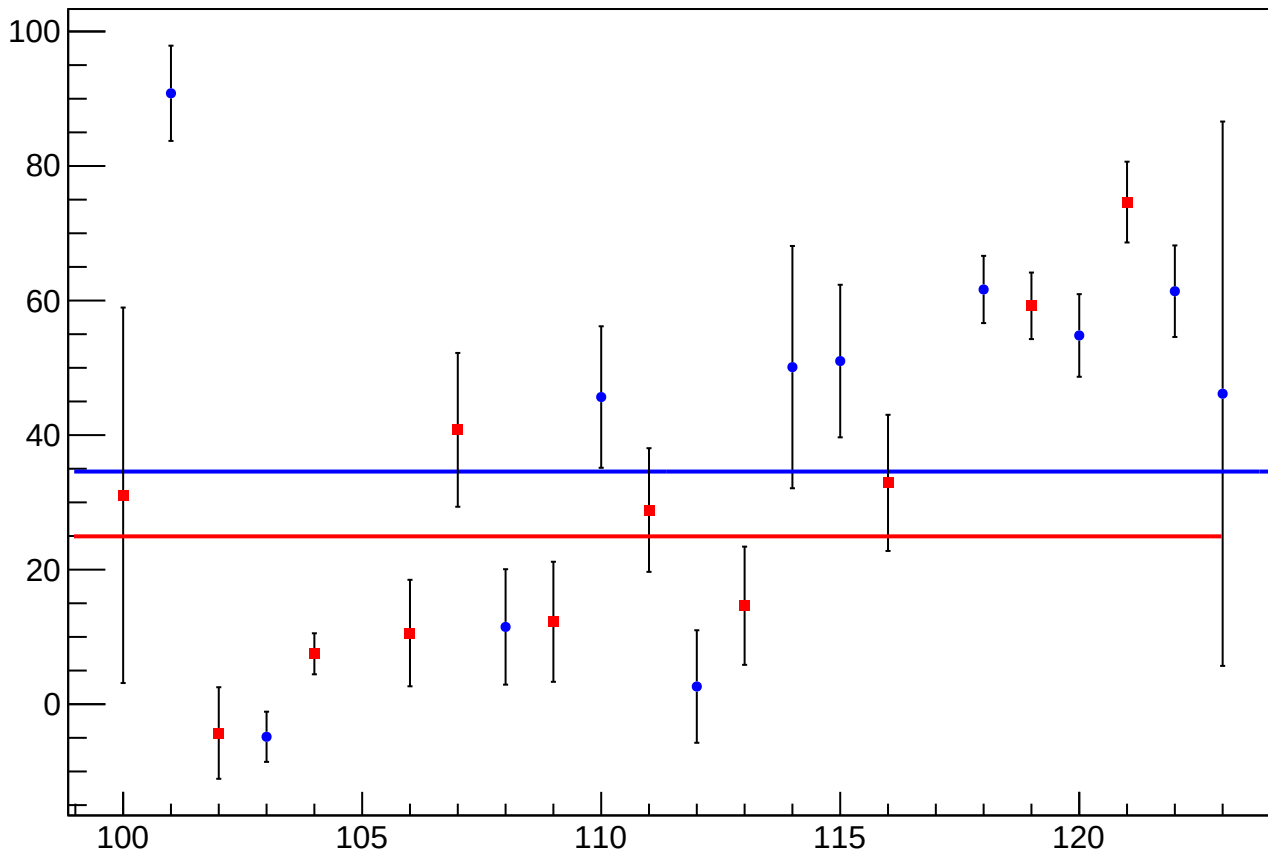
Right: 188.582+/-1.164 χ^2/NDF : 22255.3/21

In: 188.900+/-1.686 χ^2/NDF : 10766.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.582+/-1.164 χ^2/NDF : 22255.3/21

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.582+/-2.092 χ^2/NDF : 256.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.951+/-1.925 χ^2/NDF : 177.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

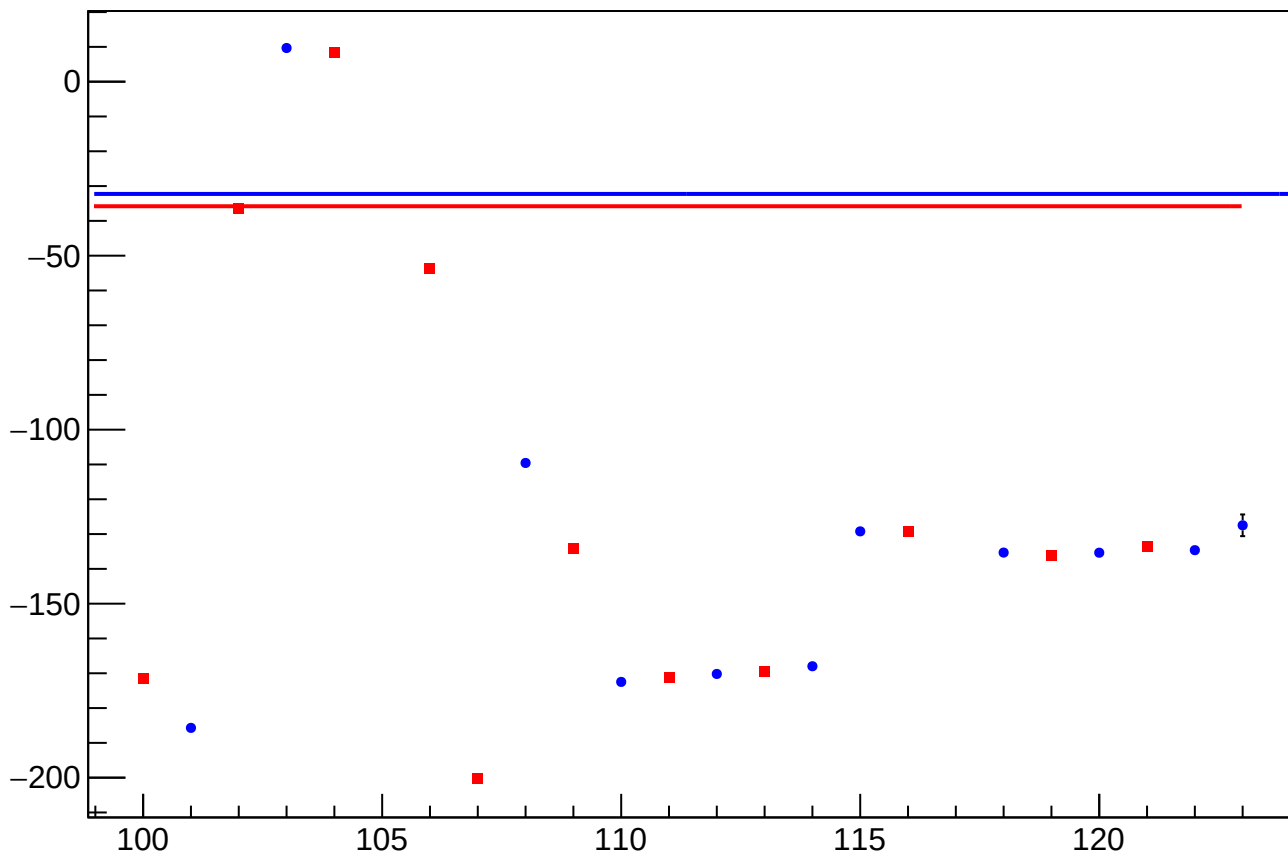
Right: 29.366+/-1.417 χ^2/NDF : 445.1/21

In: 34.582+/-2.092 χ^2/NDF : 256.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.366+/-1.417 χ^2/NDF : 445.1/21

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -32.258+/-0.082 χ^2/NDF : 735953.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.796+/-0.083 χ^2/NDF : 510192.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

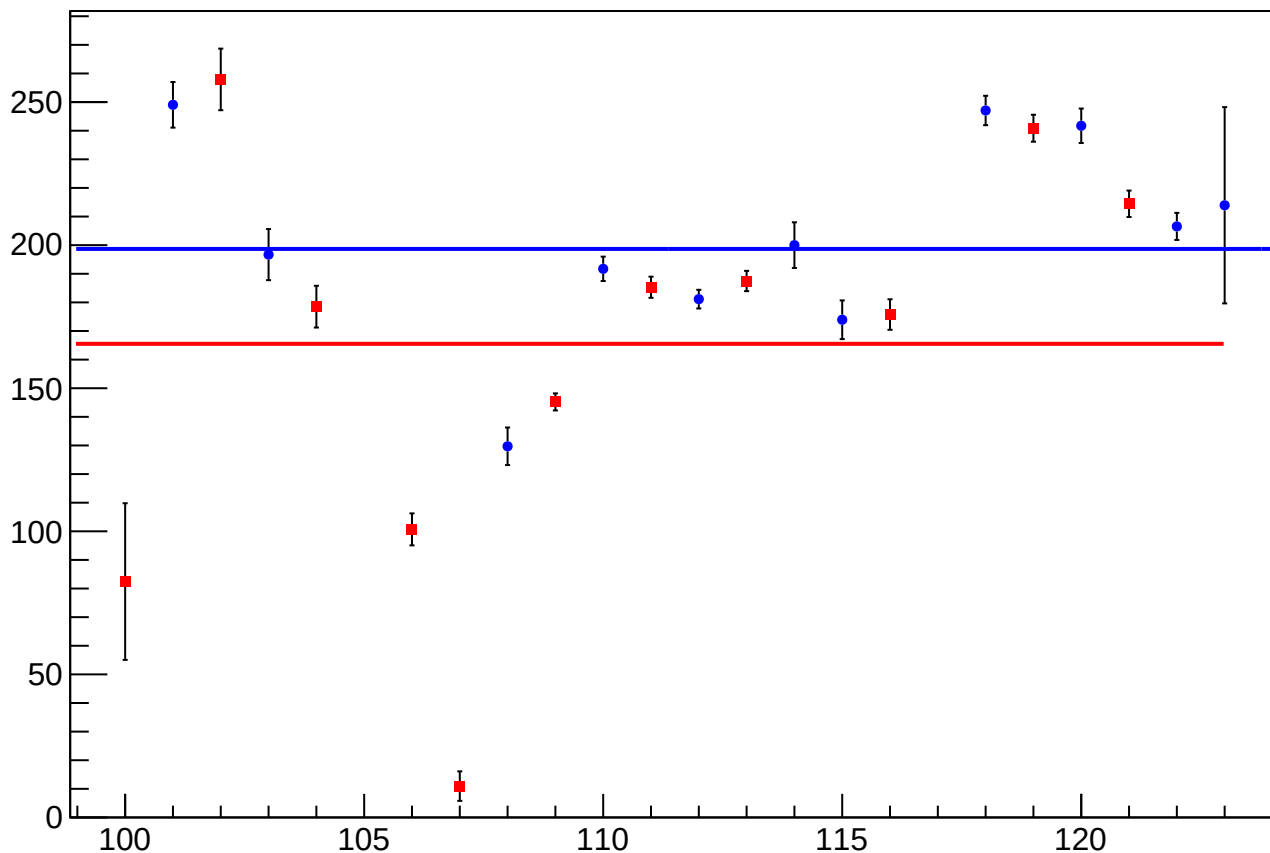
Right: -34.019+/-0.058 χ^2/NDF : 1247064.7/21

In: -32.258+/-0.082 χ^2/NDF : 735953.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.019+/-0.058 χ^2/NDF : 1247064.7/21

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 198.684 $\pm$ 1.693 χ^2/NDF : 338.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 165.525 $\pm$ 1.428 χ^2/NDF : 1603.1/10

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

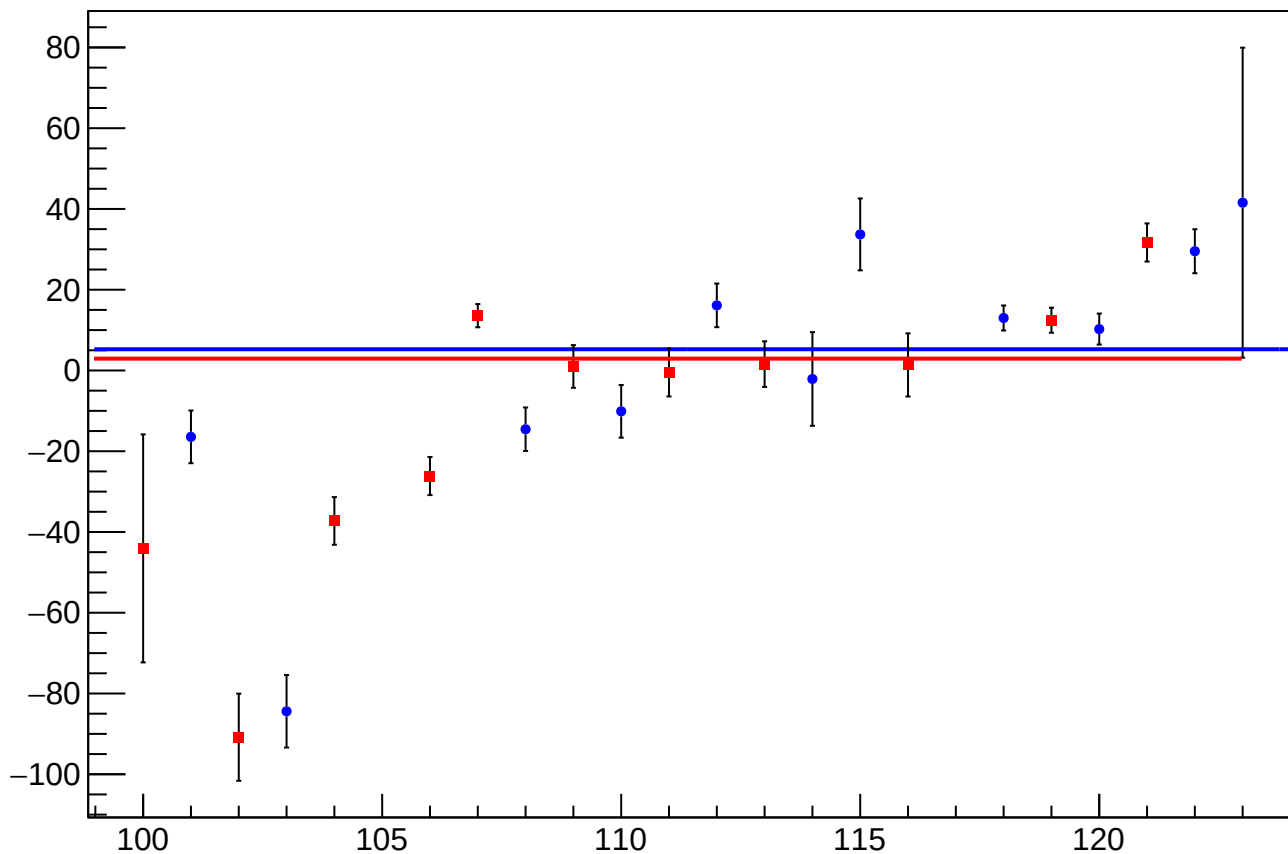
Right: 179.307 $\pm$ 1.091 χ^2/NDF : 2165.5/21

In: 198.684 $\pm$ 1.693 χ^2/NDF : 338.1/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 179.307 $\pm$ 1.091 χ^2/NDF : 2165.5/21

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.257+/-1.680 χ^2/NDF : 173.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.939+/-1.465 χ^2/NDF : 223.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

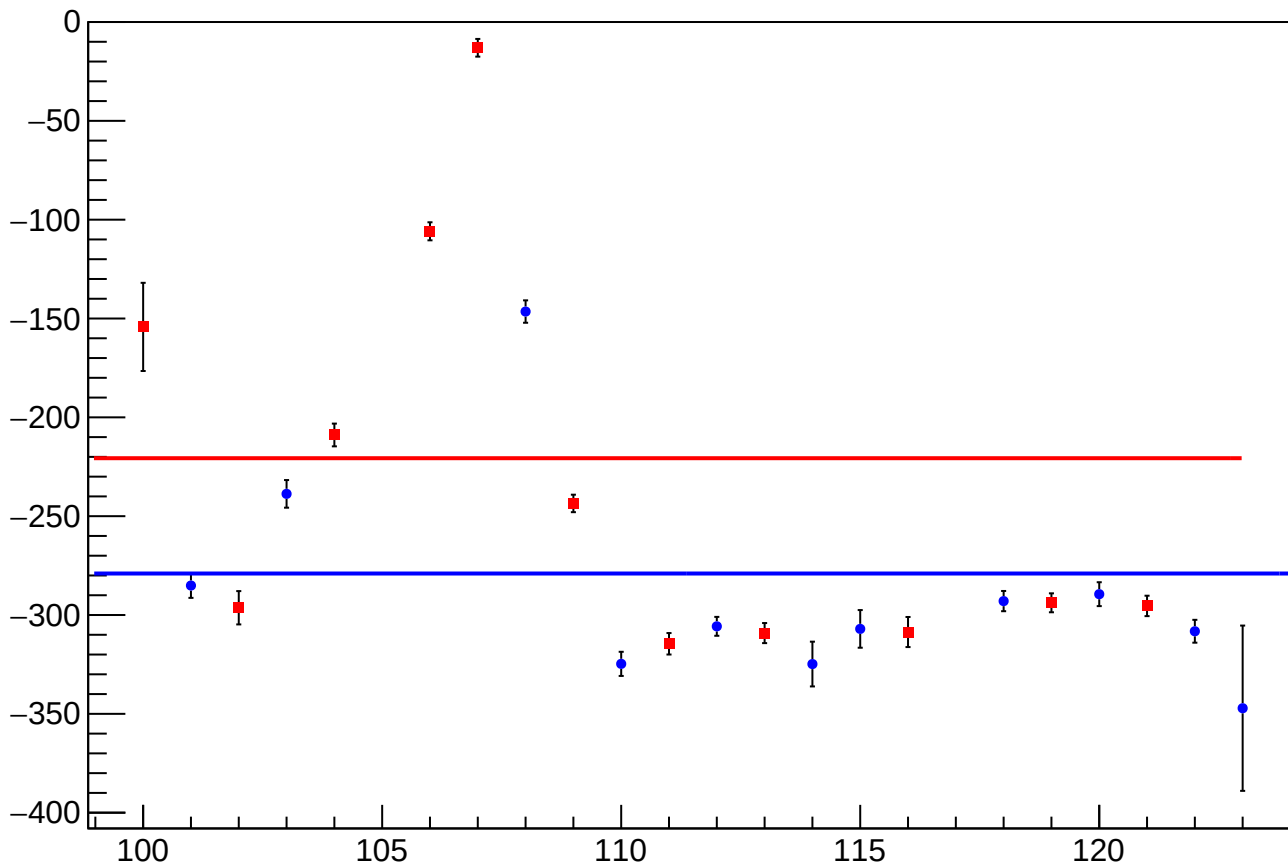
Right: 3.940+/-1.104 χ^2/NDF : 397.7/21

In: 5.257+/-1.680 χ^2/NDF : 173.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.940+/-1.104 χ^2/NDF : 397.7/21

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -279.006+/-1.951 χ^2/NDF : 731.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.672+/-1.652 χ^2/NDF : 4082.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

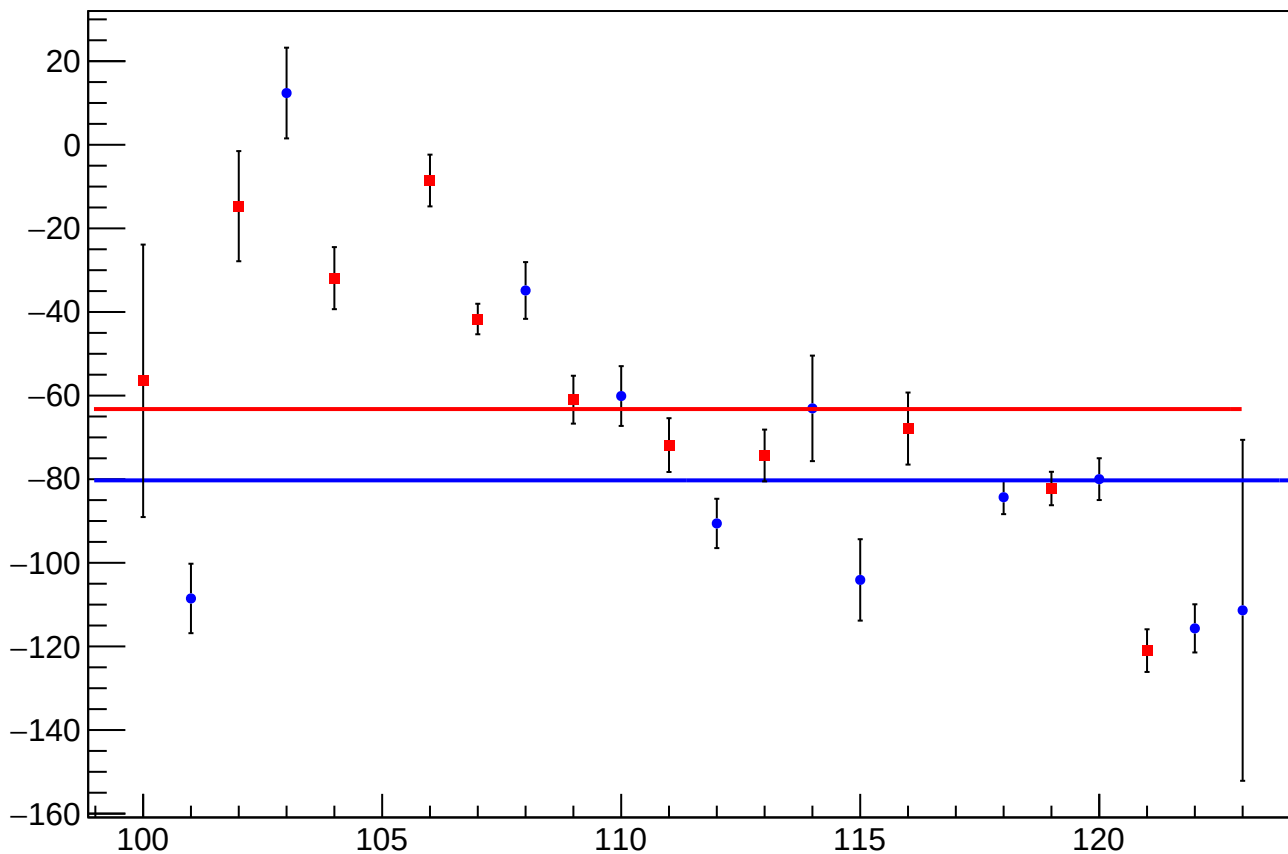
Right: -245.037+/-1.261 χ^2/NDF : 5335.4/21

In: -279.006+/-1.951 χ^2/NDF : 731.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.037+/-1.261 χ^2/NDF : 5335.4/21

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -80.277 ± 2.035 $\chi^2/\text{NDF}: 187.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.220 ± 1.764 $\chi^2/\text{NDF}: 300.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

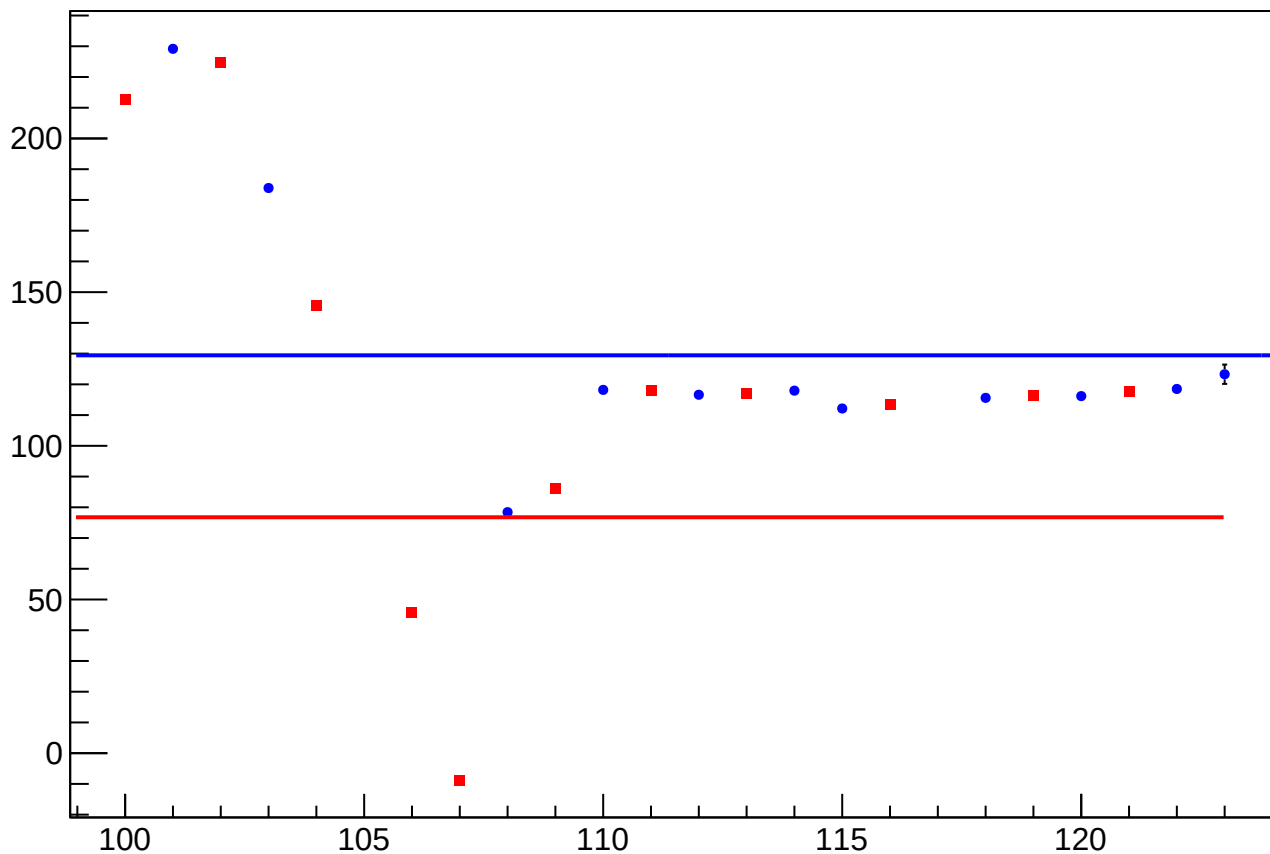
Right: -70.540 ± 1.333 $\chi^2/\text{NDF}: 528.0/21$

In: -80.277 ± 2.035 $\chi^2/\text{NDF}: 187.4/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -70.540 ± 1.333 $\chi^2/\text{NDF}: 528.0/21$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 129.447+/-0.122 χ^2/NDF : 158453.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.755+/-0.095 χ^2/NDF : 520356.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

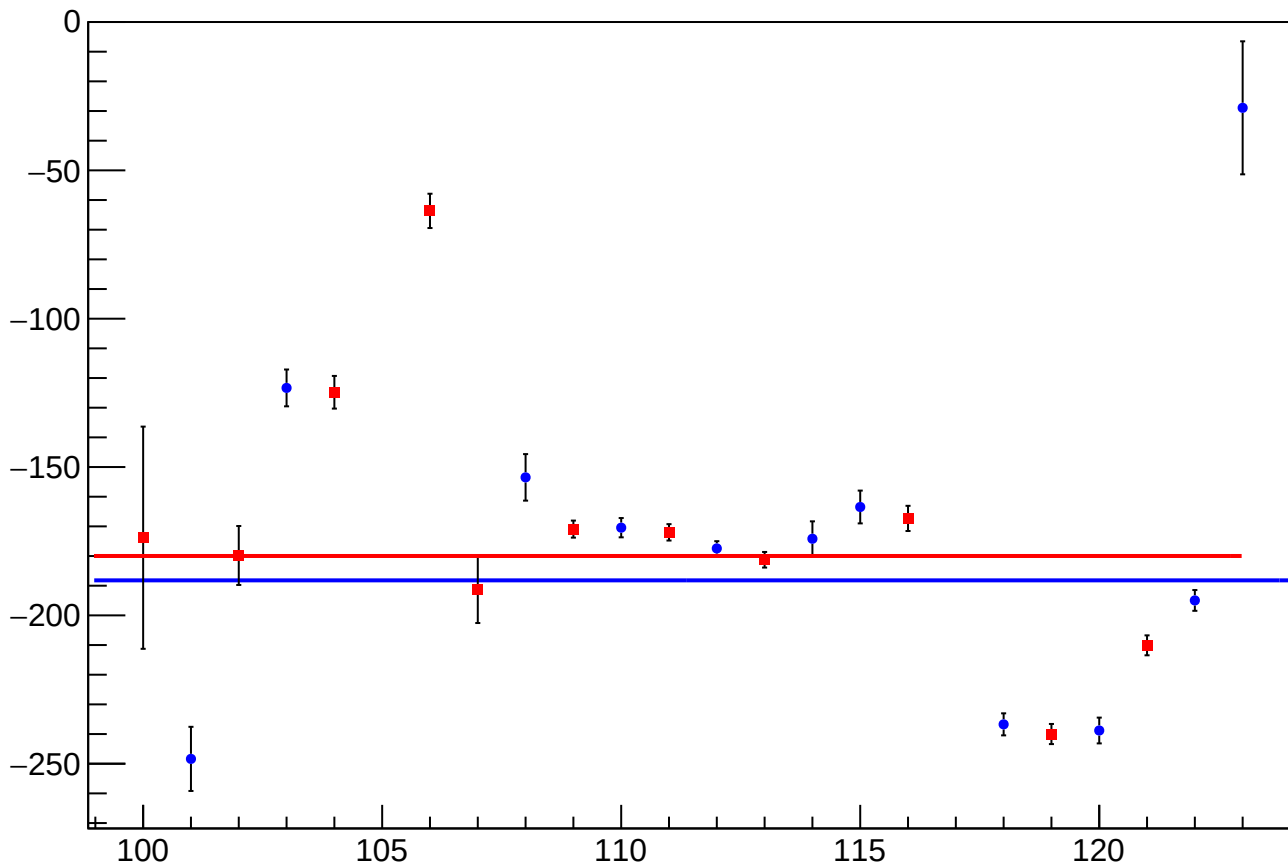
Right: 96.757+/-0.075 χ^2/NDF : 794672.4/21

In: 129.447+/-0.122 χ^2/NDF : 158453.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.757+/-0.075 χ^2/NDF : 794672.4/21

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -188.198+/-1.309 χ^2/NDF : 595.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.981+/-1.187 χ^2/NDF : 927.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

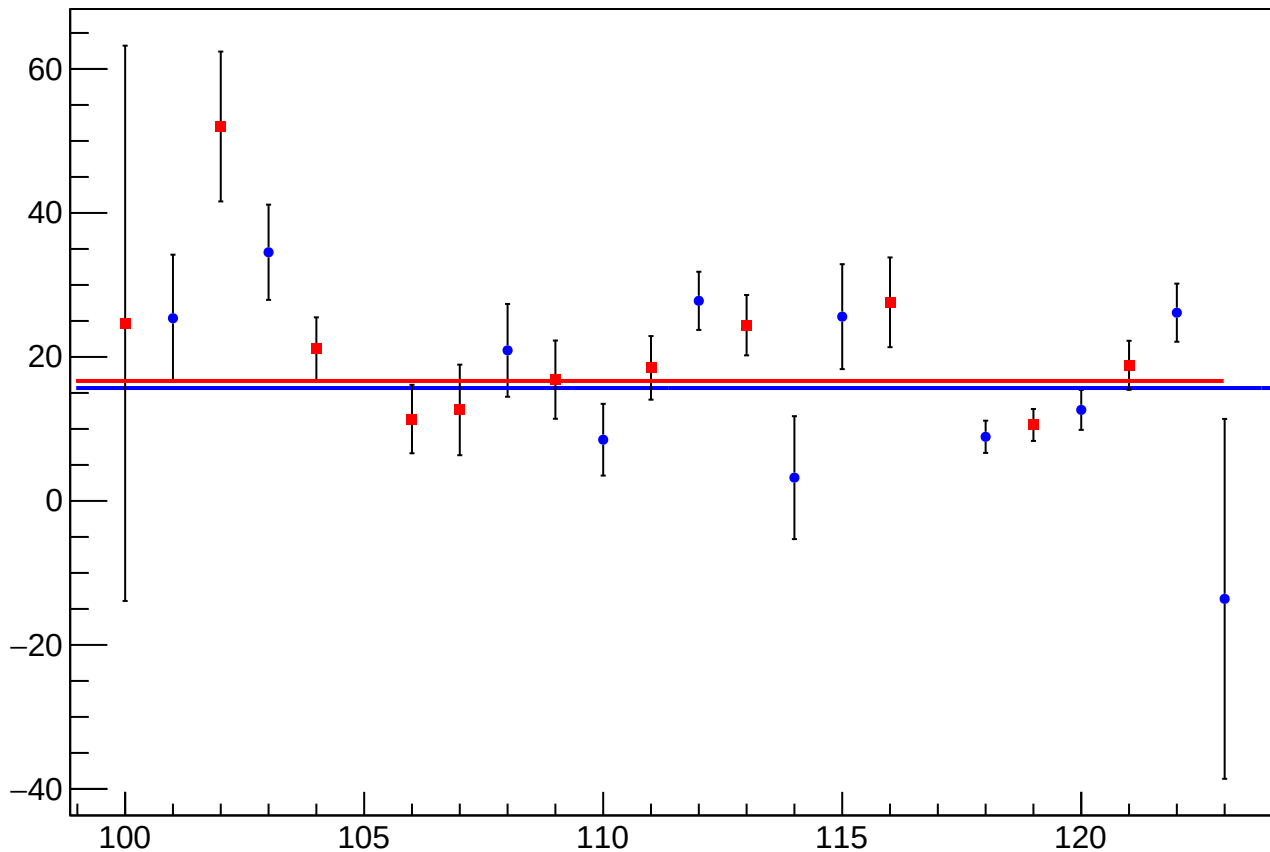
Right: -183.691+/-0.879 χ^2/NDF : 1544.2/21

In: -188.198+/-1.309 χ^2/NDF : 595.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.691+/-0.879 χ^2/NDF : 1544.2/21

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.681+/-1.306 χ^2/NDF : 43.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.662+/-1.303 χ^2/NDF : 28.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

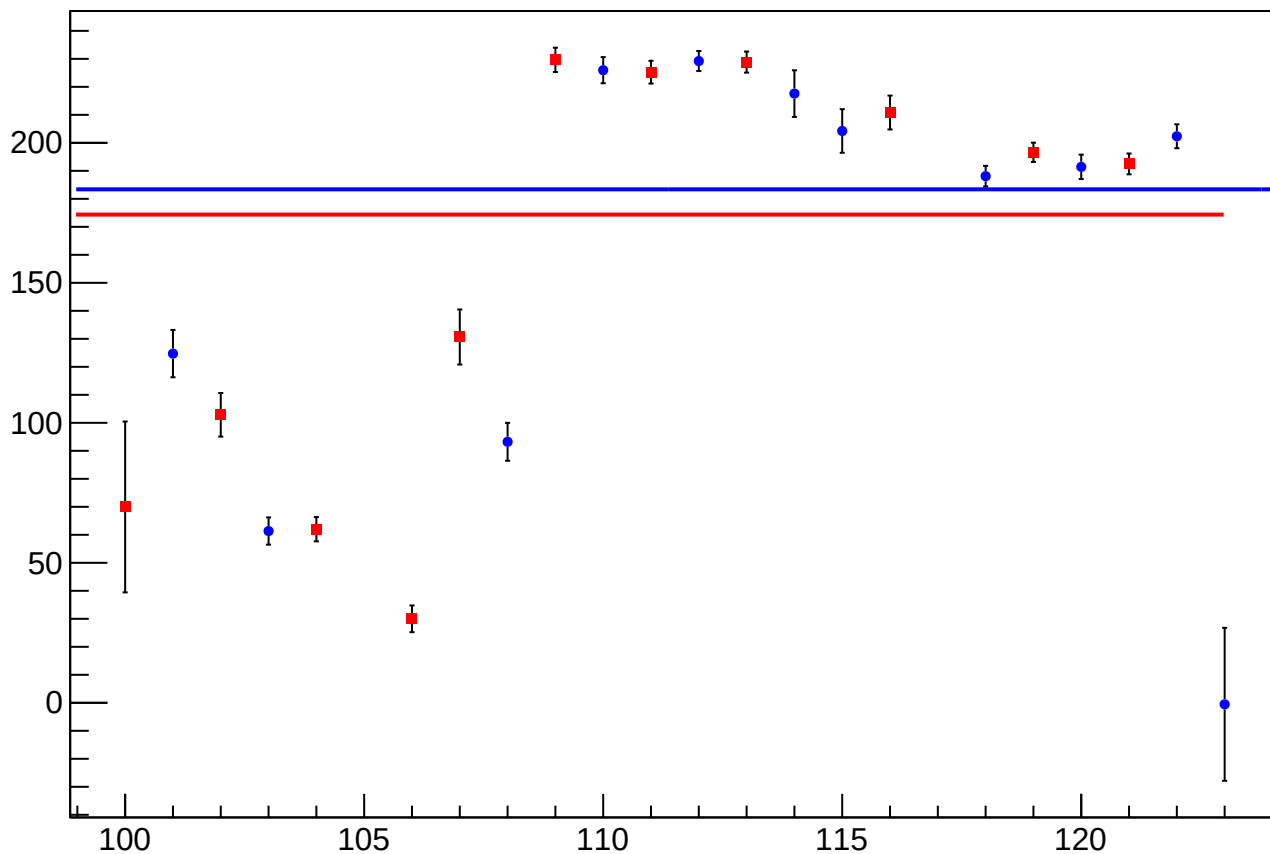
Right: 16.173+/-0.922 χ^2/NDF : 72.7/21

In: 15.681+/-1.306 χ^2/NDF : 43.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.173+/-0.922 χ^2/NDF : 72.7/21

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 183.398+/-1.553 χ^2/NDF : 1194.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.373+/-1.424 χ^2/NDF : 2329.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

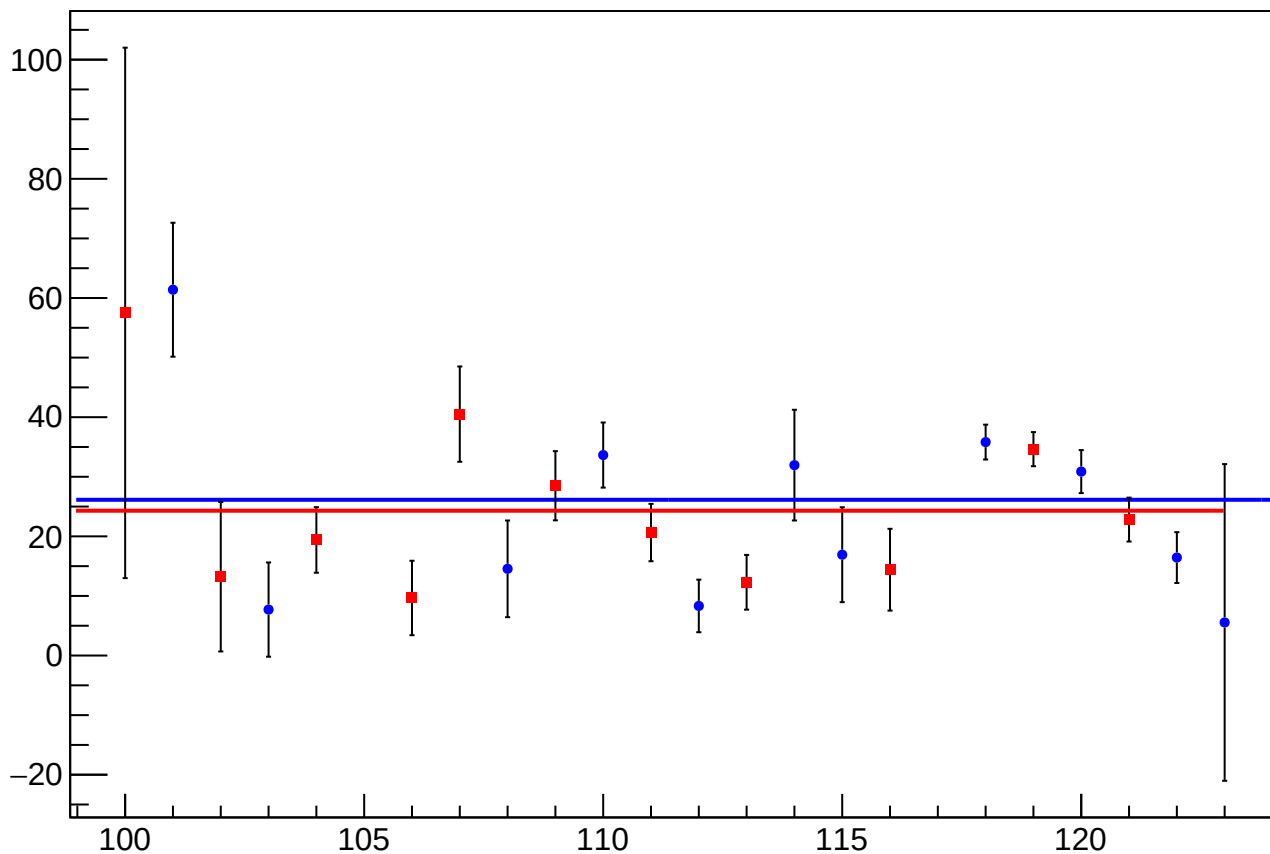
Right: 178.496+/-1.050 χ^2/NDF : 3542.7/21

In: 183.398+/-1.553 χ^2/NDF : 1194.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.496+/-1.050 χ^2/NDF : 3542.7/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.140 $\pm$ 1.579 χ^2 /NDF: 55.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.307 $\pm$ 1.546 χ^2 /NDF: 35.0/10

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

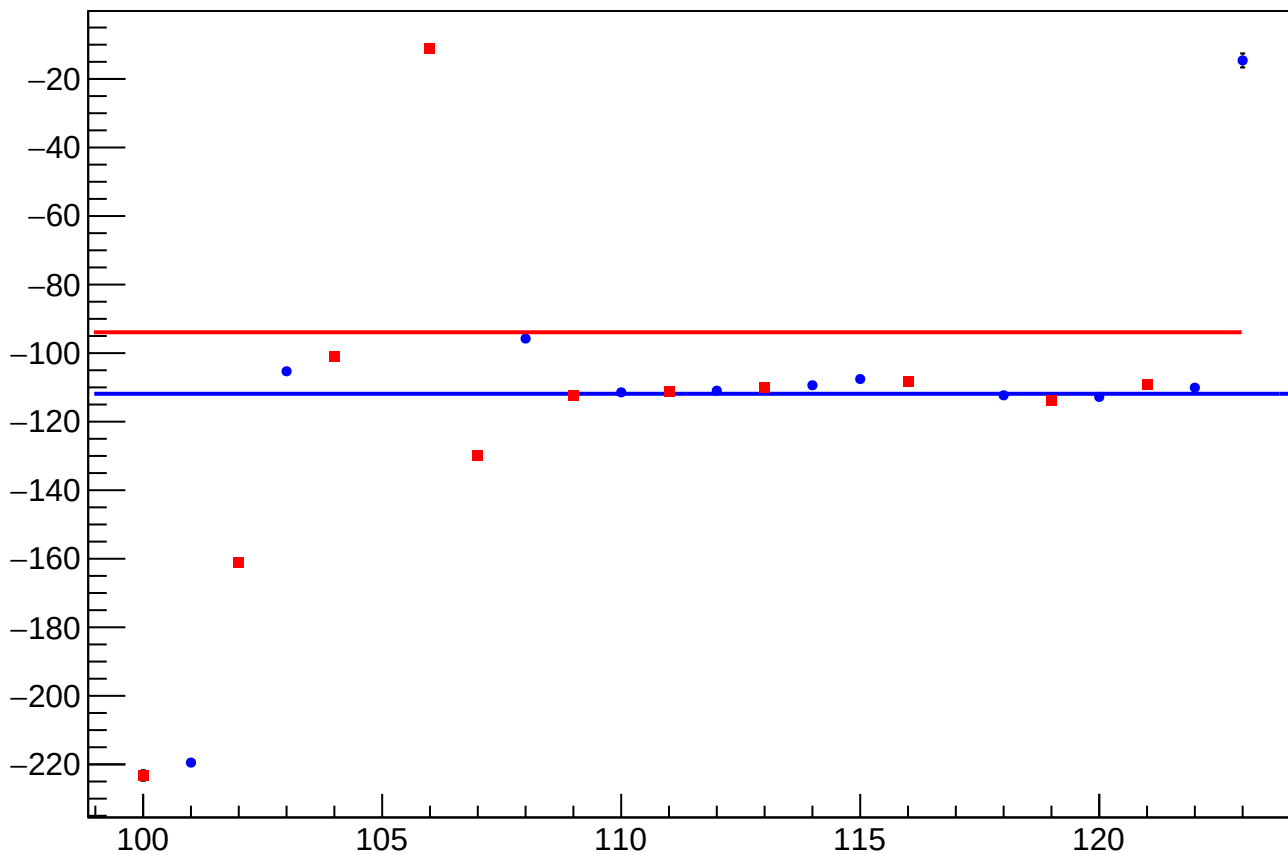
Right: 25.205 $\pm$ 1.105 χ^2 /NDF: 91.3/21

In: 26.140 $\pm$ 1.579 χ^2 /NDF: 55.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.205 $\pm$ 1.105 χ^2 /NDF: 91.3/21

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.865+/-0.102 χ^2/NDF : 52626.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.916+/-0.090 χ^2/NDF : 246563.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

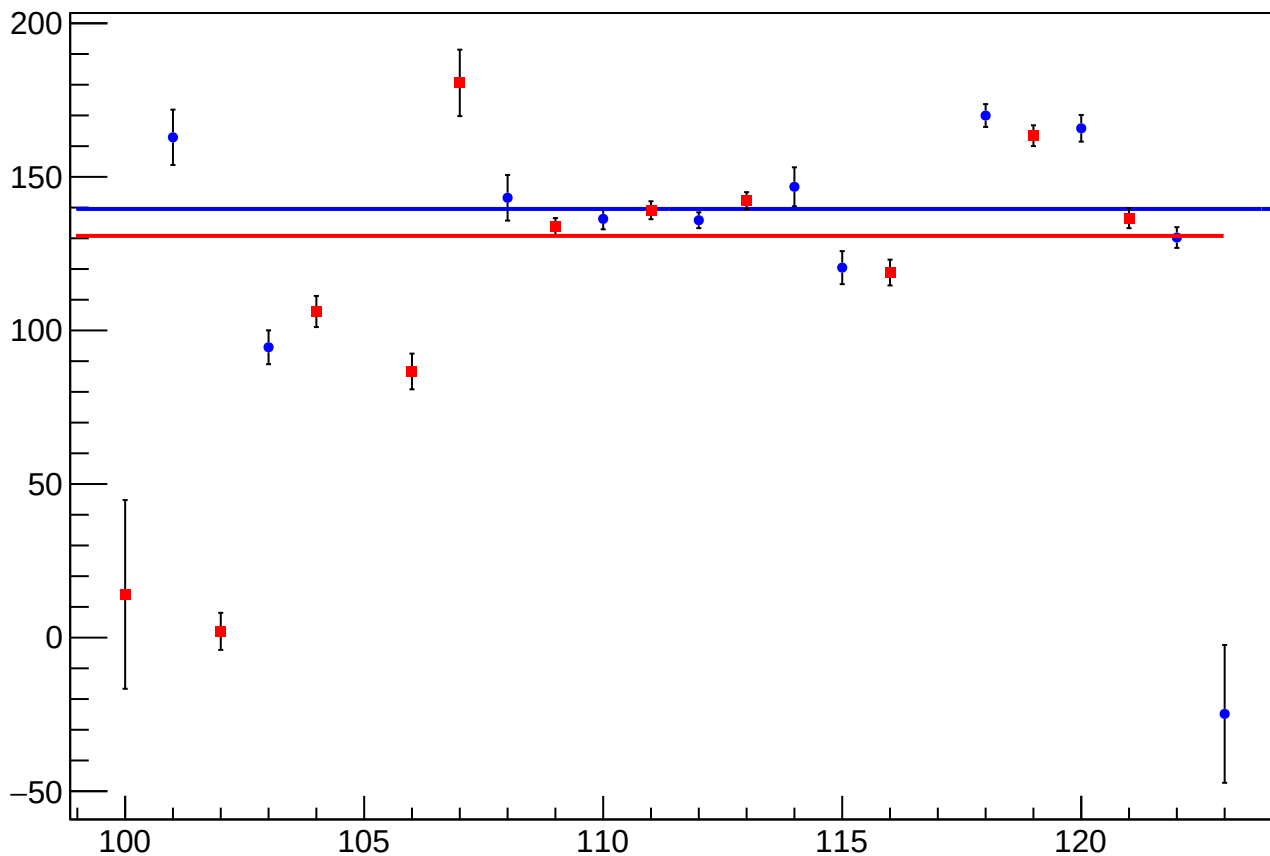
Right: -101.752+/-0.068 χ^2/NDF : 316578.8/21

In: -111.865+/-0.102 χ^2/NDF : 52626.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.752+/-0.068 χ^2/NDF : 316578.8/21

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.559+/-1.318 χ^2/NDF : 255.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.786+/-1.188 χ^2/NDF : 702.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

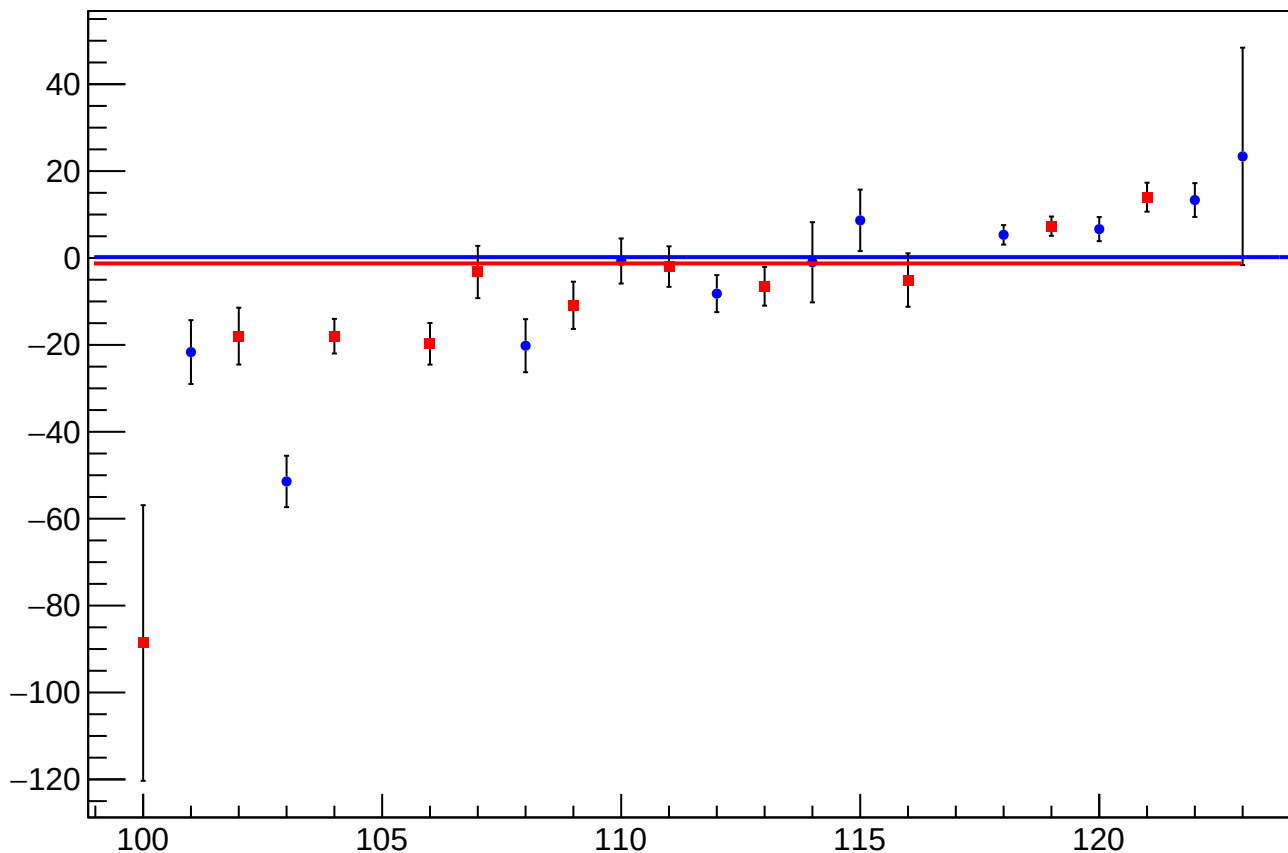
Right: 134.718+/-0.882 χ^2/NDF : 982.3/21

In: 139.559+/-1.318 χ^2/NDF : 255.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.718+/-0.882 χ^2/NDF : 982.3/21

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.196+/-1.296 χ^2/NDF : 124.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.254+/-1.282 χ^2/NDF : 87.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

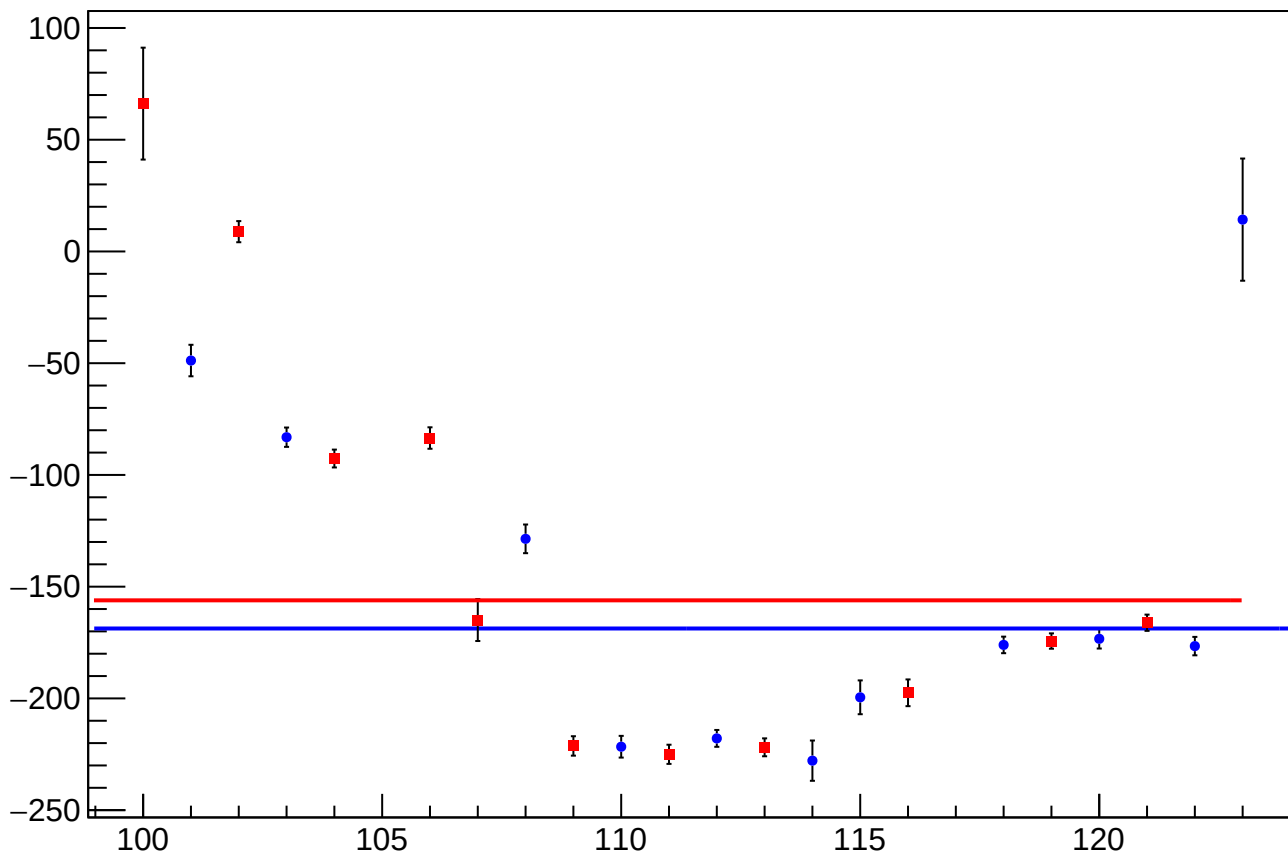
Right: -0.537+/-0.912 χ^2/NDF : 212.8/21

In: 0.196+/-1.296 χ^2/NDF : 124.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.537+/-0.912 χ^2/NDF : 212.8/21

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -168.715+/-1.532 χ^2/NDF : 1122.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -156.116+/-1.385 χ^2/NDF : 2612.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

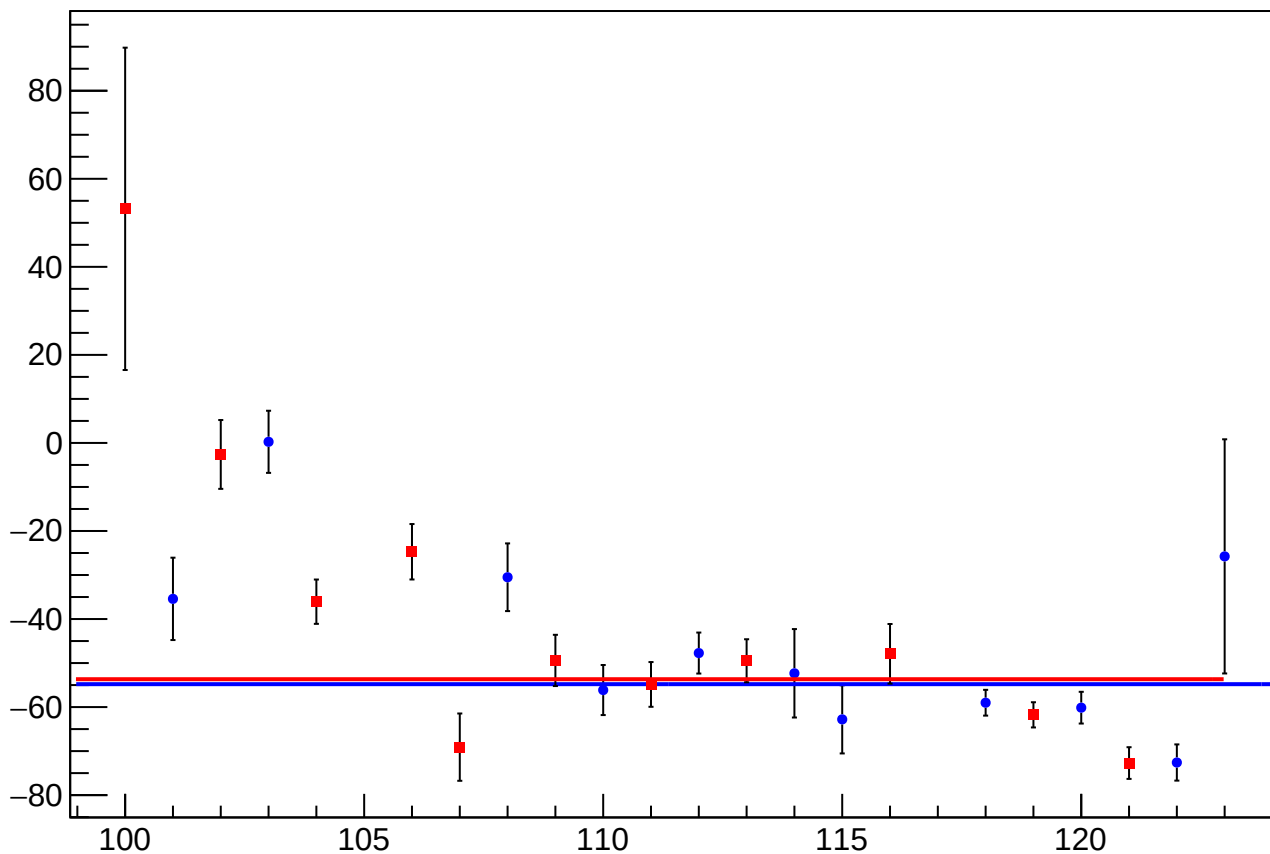
Right: -161.782+/-1.027 χ^2/NDF : 3772.3/21

In: -168.715+/-1.532 χ^2/NDF : 1122.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.782+/-1.027 χ^2/NDF : 3772.3/21

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -54.797 $\pm$ 1.569 χ^2 /NDF: 102.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -53.670 $\pm$ 1.525 χ^2 /NDF: 126.7/10

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

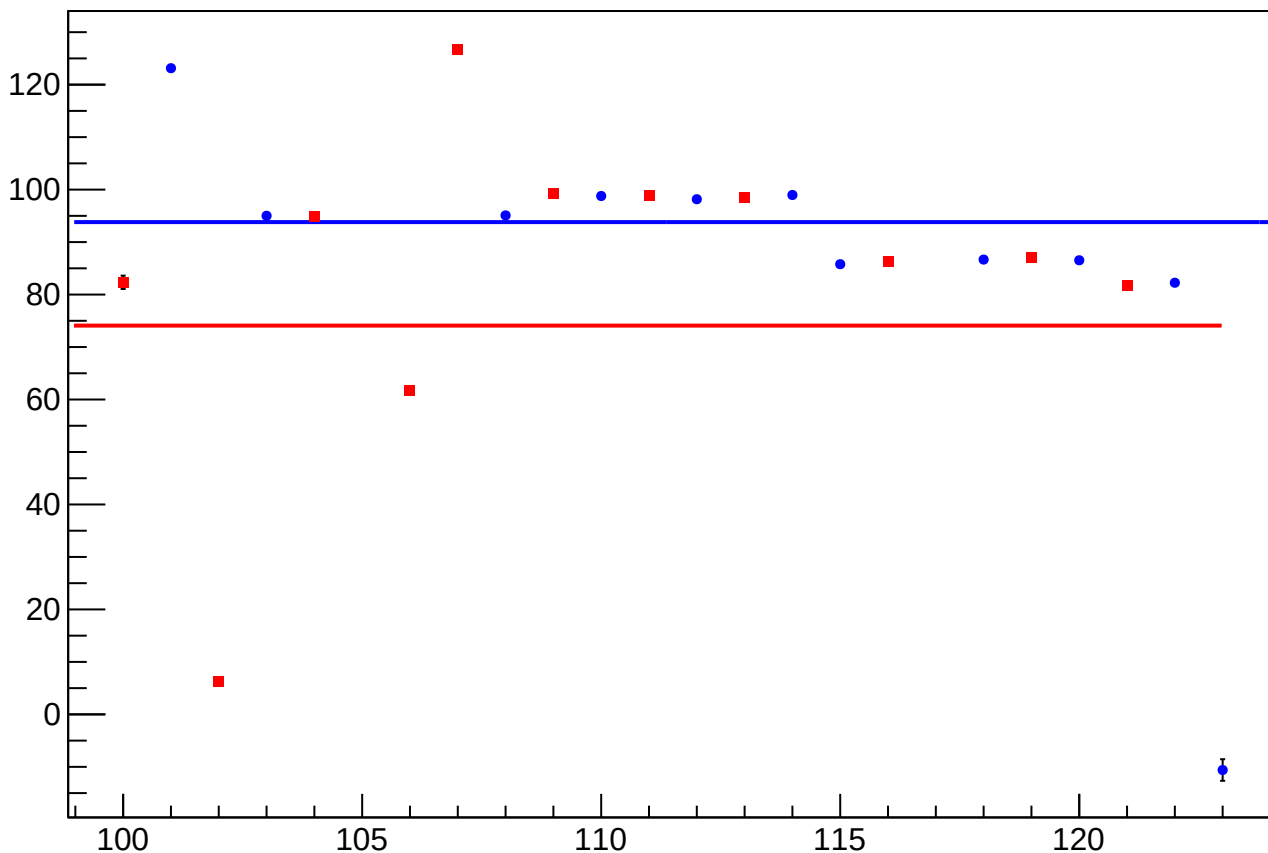
Right: -54.218 $\pm$ 1.093 χ^2 /NDF: 229.7/21

In: -54.797 $\pm$ 1.569 χ^2 /NDF:102.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -54.218 $\pm$ 1.093 χ^2 /NDF: 229.7/21

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 93.809+/-0.098 χ^2/NDF : 10622.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.087+/-0.084 χ^2/NDF : 168892.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

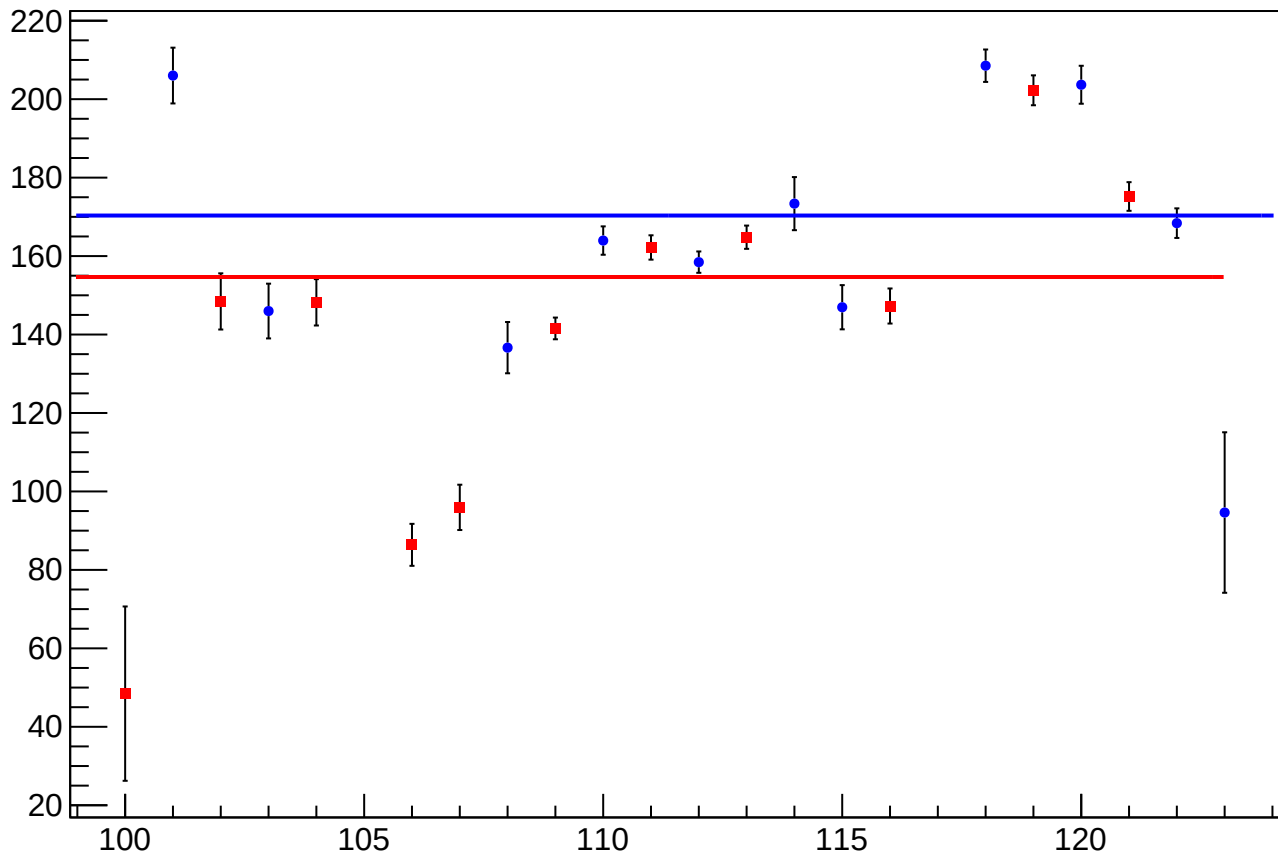
Right: 82.425+/-0.064 χ^2/NDF : 202937.2/21

In: 93.809+/-0.098 χ^2/NDF : 10622.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.425+/-0.064 χ^2/NDF : 202937.2/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.335+/-1.411 χ^2/NDF : 250.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.667+/-1.234 χ^2/NDF : 521.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

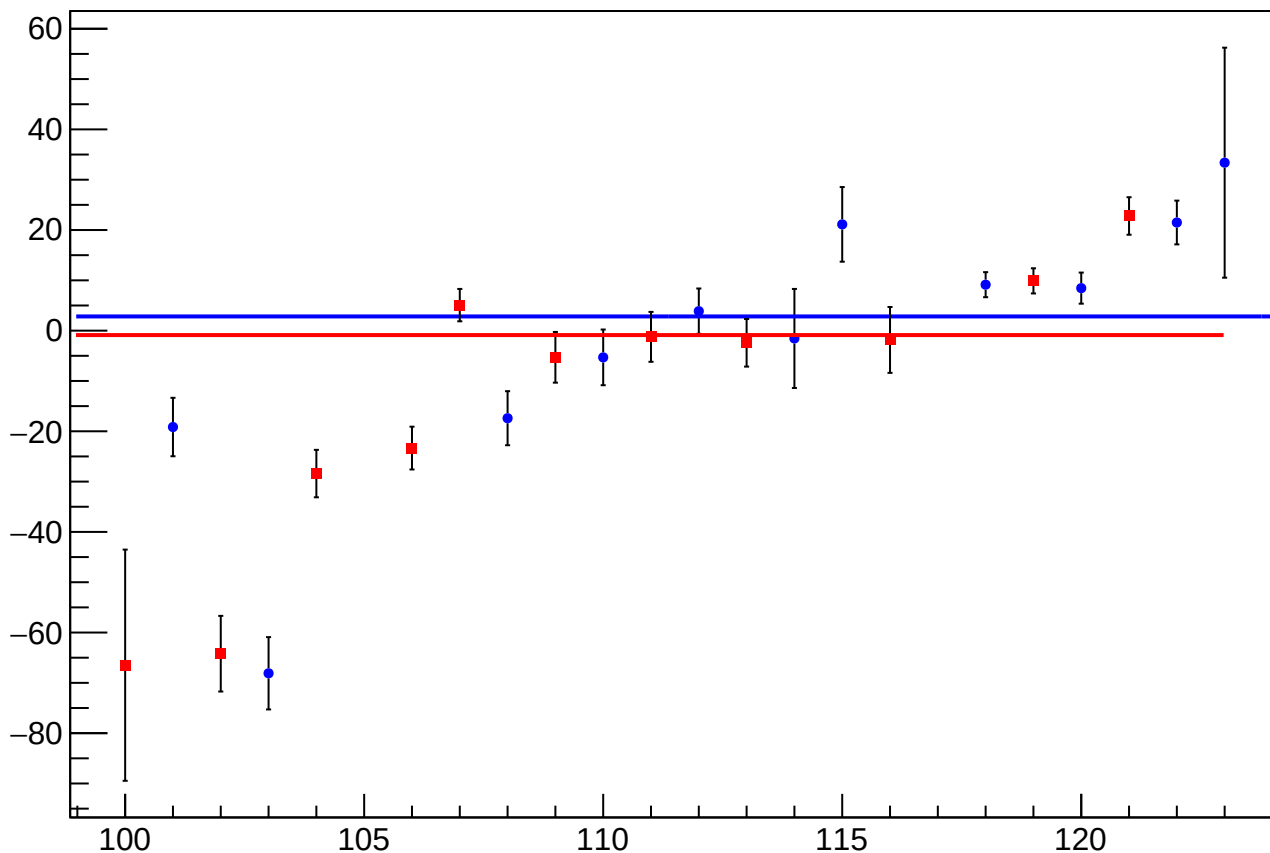
Right: 161.456+/-0.929 χ^2/NDF : 841.6/21

In: 170.335+/-1.411 χ^2/NDF : 250.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.456+/-0.929 χ^2/NDF : 841.6/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.825+/-1.394 χ^2/NDF : 164.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.879+/-1.295 χ^2/NDF : 204.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

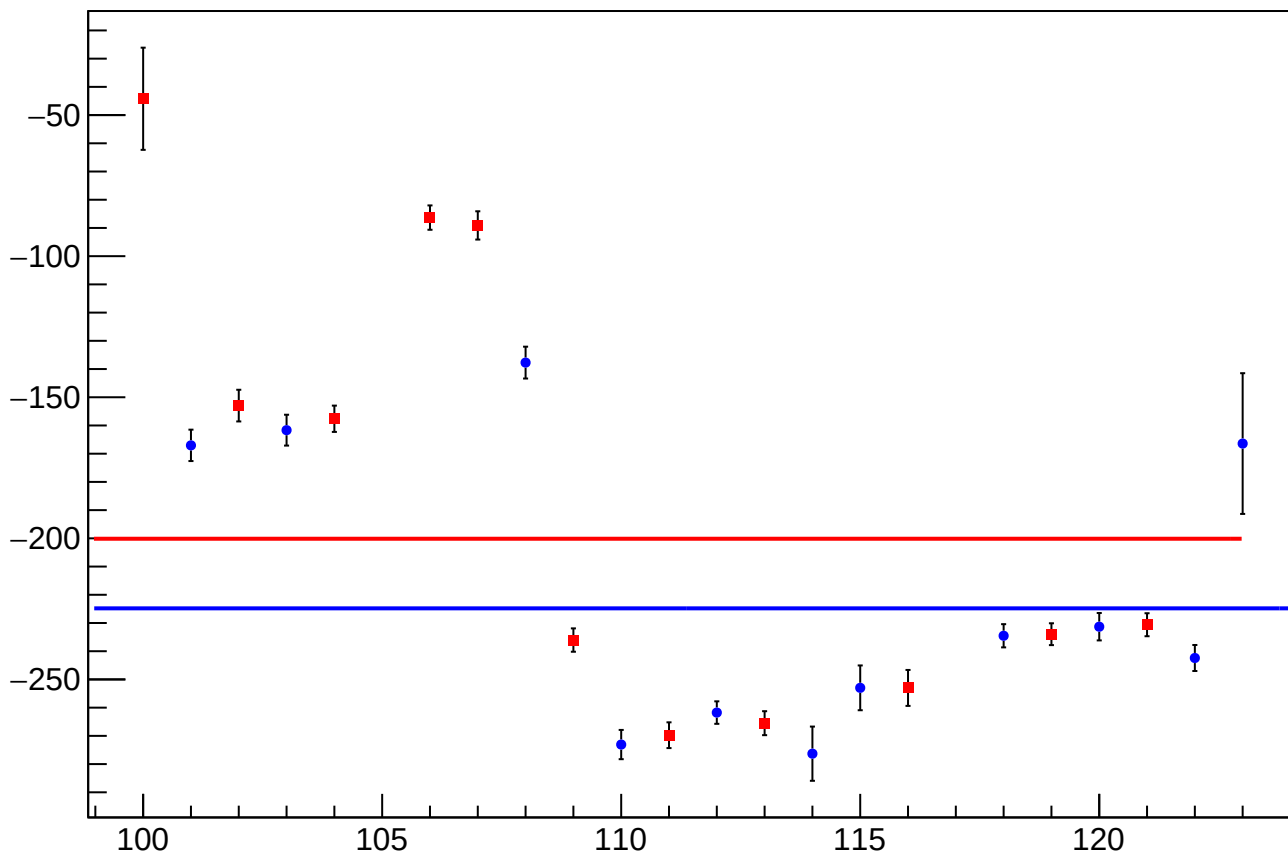
Right: 0.836+/-0.948 χ^2/NDF : 372.4/21

In: 2.825+/-1.394 χ^2/NDF : 164.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.836+/-0.948 χ^2/NDF : 372.4/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -224.809+/-1.635 χ^2/NDF : 720.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.140+/-1.432 χ^2/NDF : 2161.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

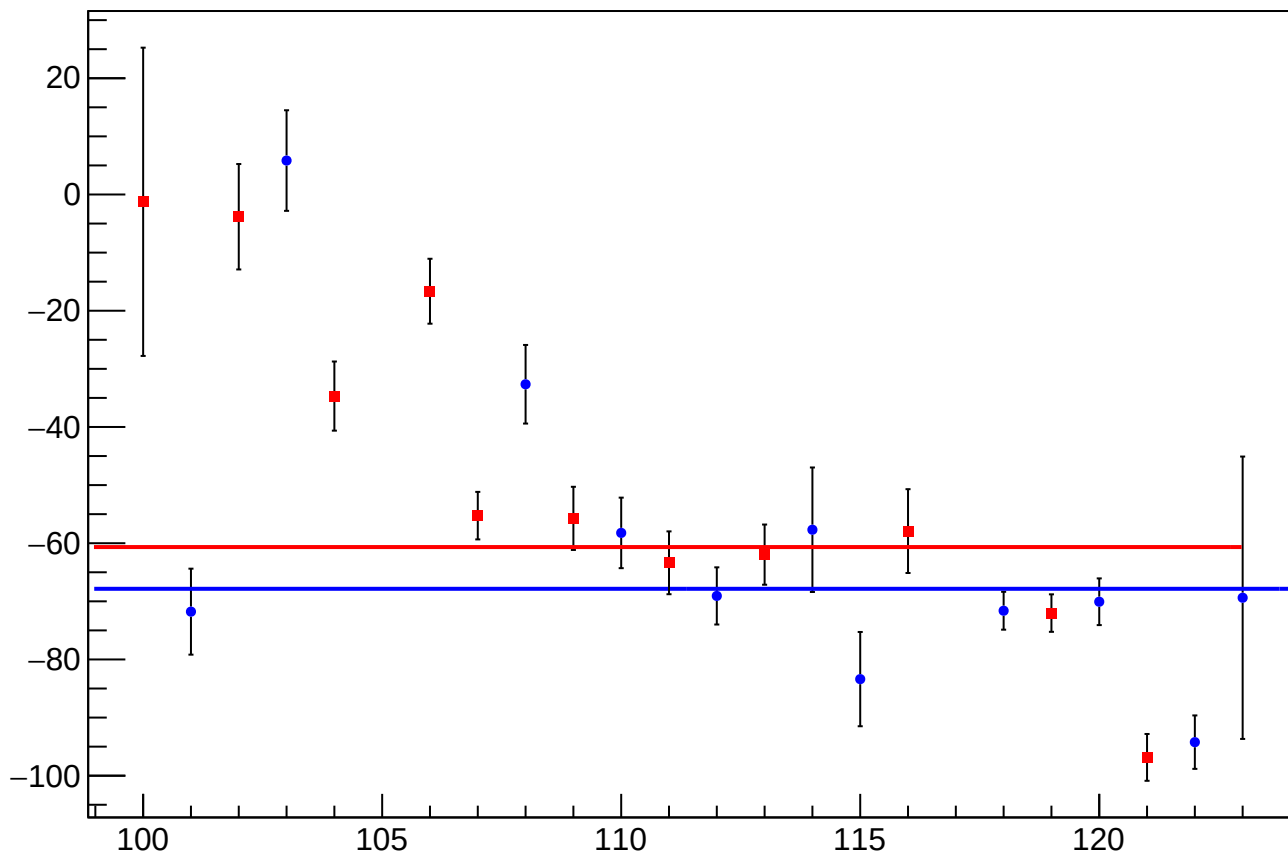
Right: -210.848+/-1.077 χ^2/NDF : 3010.7/21

In: -224.809+/-1.635 χ^2/NDF : 720.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.848+/-1.077 χ^2/NDF : 3010.7/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.843+/-1.688 χ^2/NDF : 141.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.661+/-1.550 χ^2/NDF : 221.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

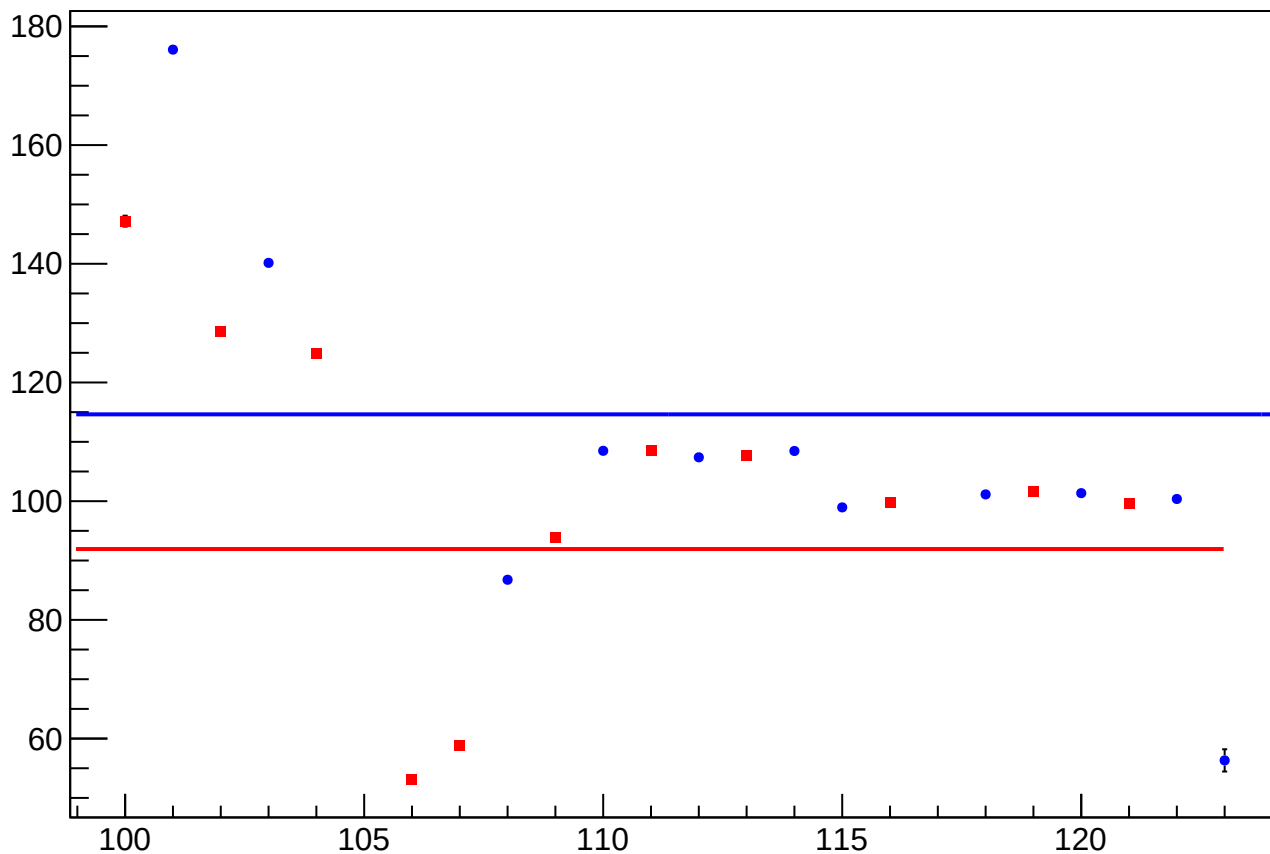
Right: -63.948+/-1.142 χ^2/NDF : 373.1/21

In: -67.843+/-1.688 χ^2/NDF : 141.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.948+/-1.142 χ^2/NDF : 373.1/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.630 $\pm$ 0.104 χ^2 /NDF: 68125.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.937 $\pm$ 0.084 χ^2 /NDF: 120359.2/10

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

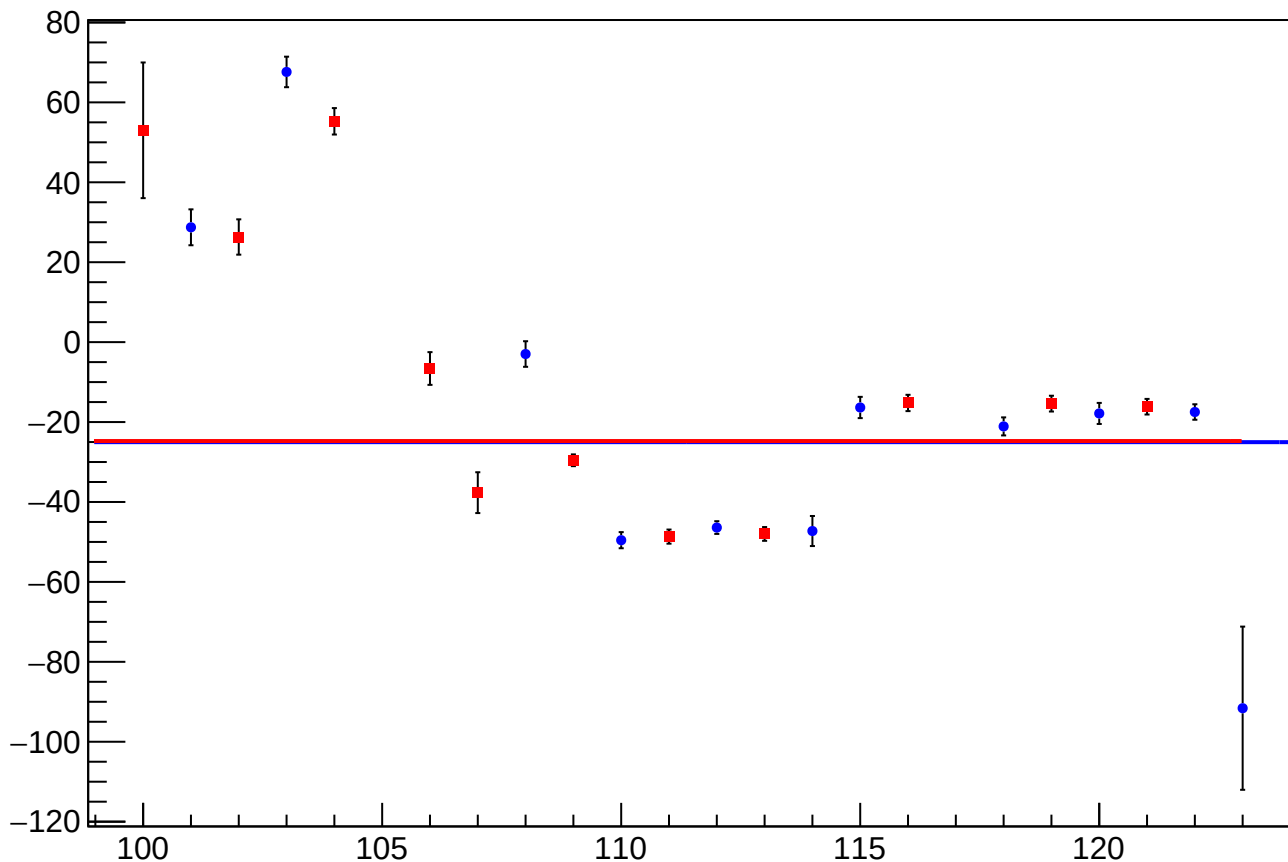
Right: 100.888 $\pm$ 0.066 χ^2 /NDF: 217049.9/21

In: 114.630 $\pm$ 0.104 χ^2 /NDF:68125.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.888 $\pm$ 0.066 χ^2 /NDF: 217049.9/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.030+/-0.772 χ^2/NDF : 1189.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.751+/-0.686 χ^2/NDF : 1205.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

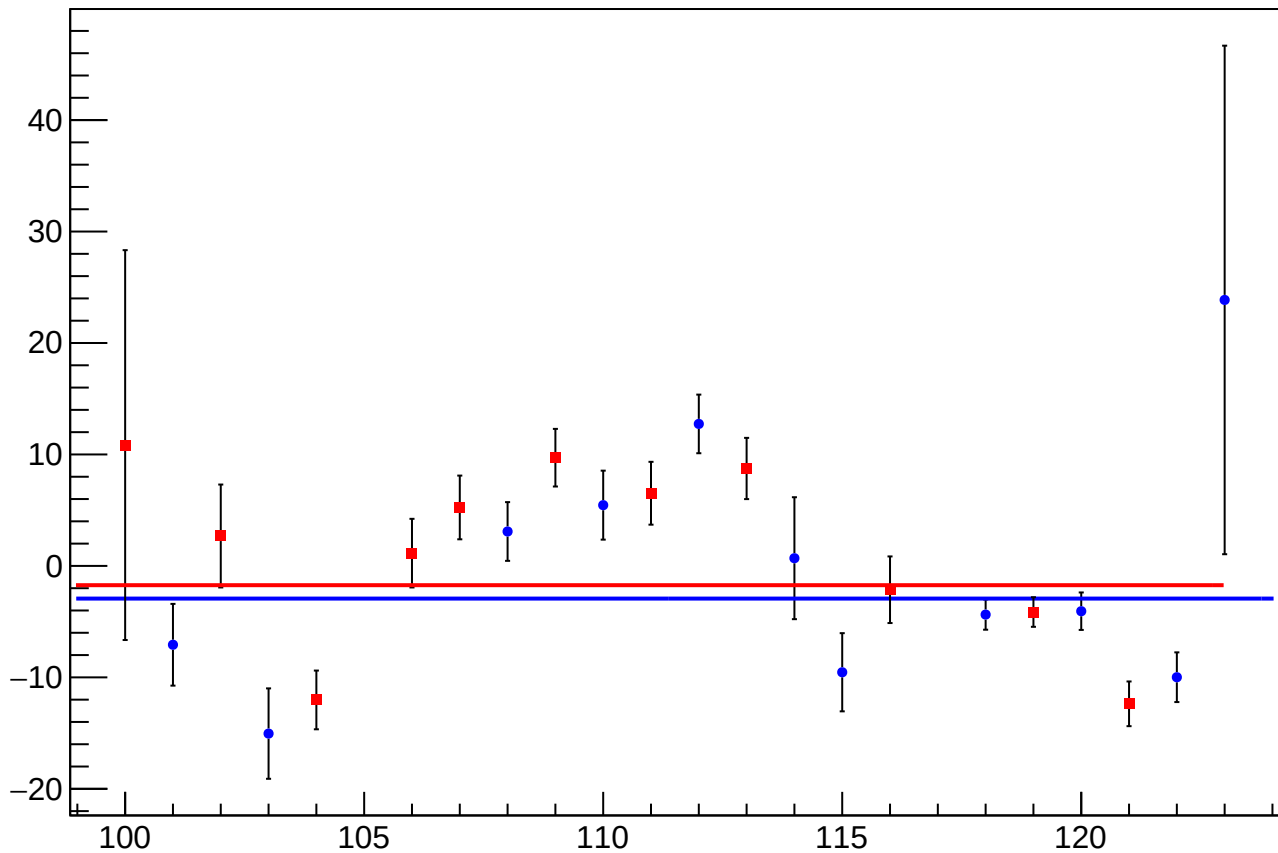
Right: -24.874+/-0.513 χ^2/NDF : 2394.5/21

In: -25.030+/-0.772 χ^2/NDF : 1189.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.874+/-0.513 χ^2/NDF : 2394.5/21

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.931+/-0.757 χ^2/NDF : 75.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.730+/-0.754 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

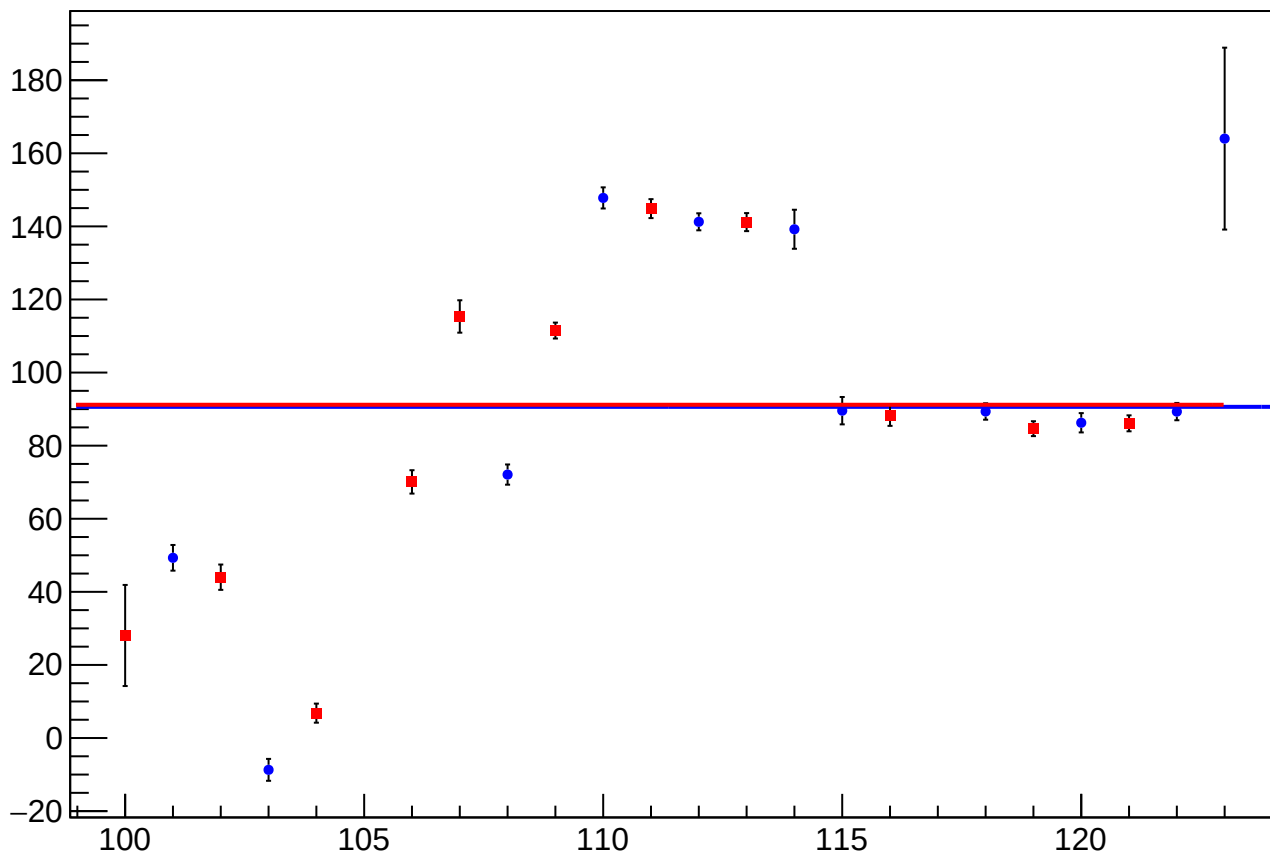
Right: -2.328+/-0.534 χ^2/NDF : 174.2/21

In: -2.931+/-0.757 χ^2/NDF : 75.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.328+/-0.534 χ^2/NDF : 174.2/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.622 $\pm$ 0.893 χ^2 /NDF: 2240.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.192 $\pm$ 0.823 χ^2 /NDF: 2266.8/10

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

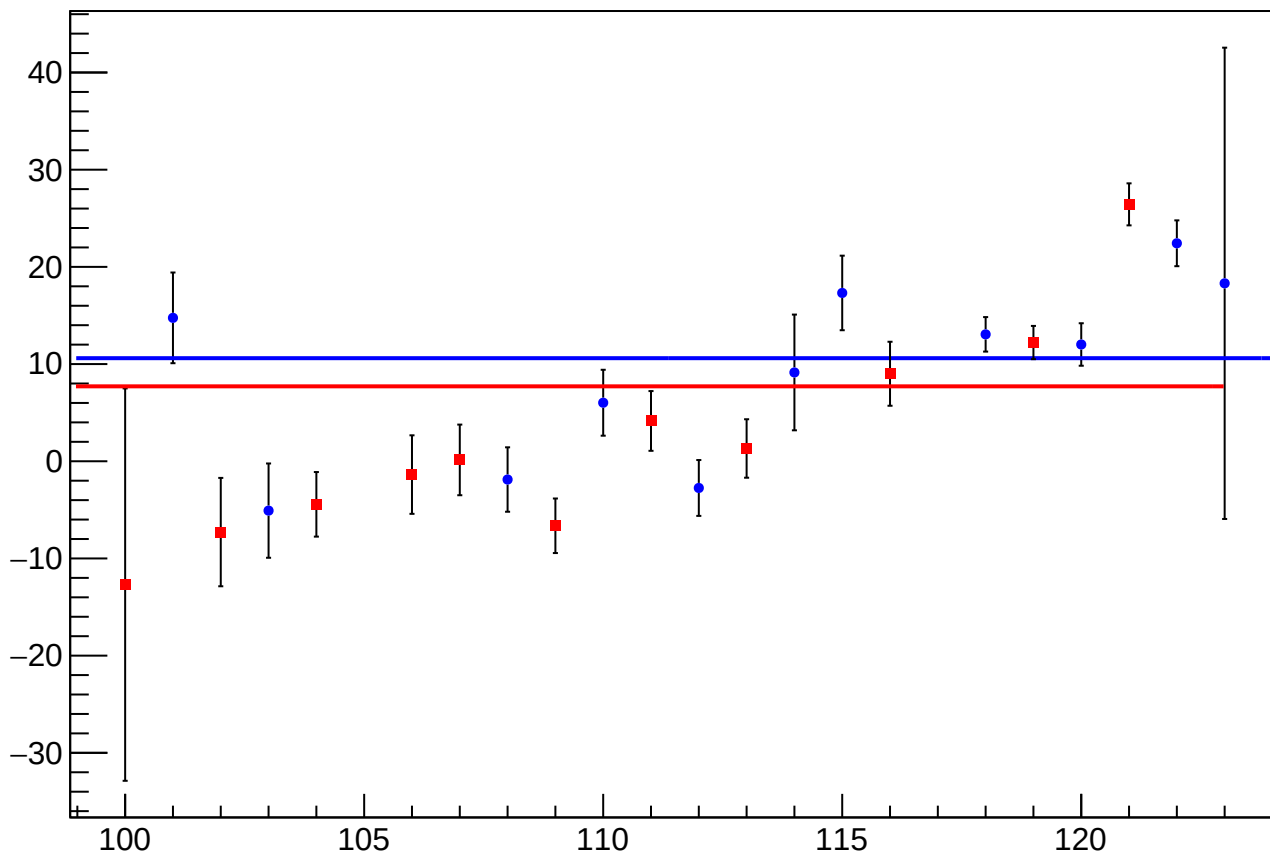
Right: 90.930 $\pm$ 0.605 χ^2 /NDF: 4507.8/21

In: 90.622 $\pm$ 0.893 χ^2 /NDF:2240.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.930 $\pm$ 0.605 χ^2 /NDF: 4507.8/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.606+/-0.916 χ^2/NDF : 79.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.709+/-0.893 χ^2/NDF : 145.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

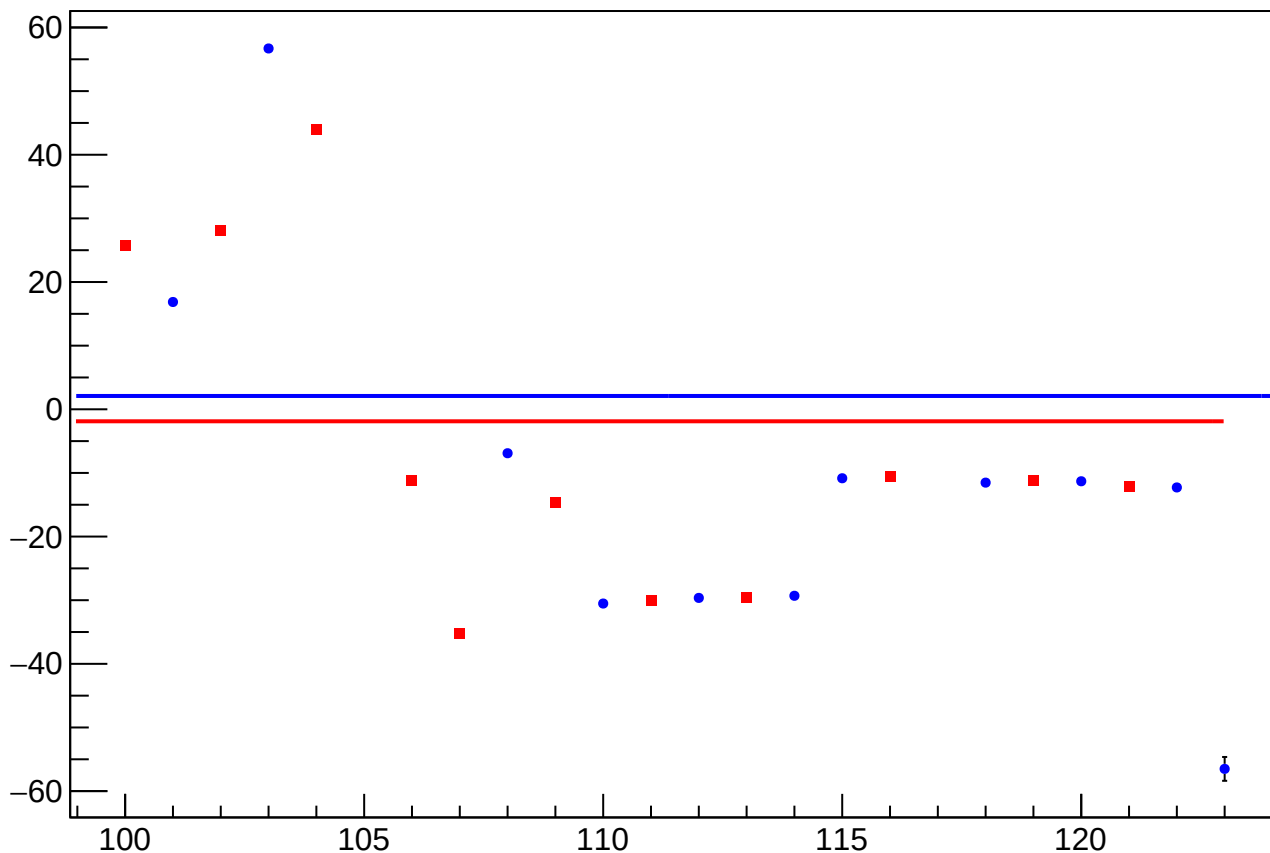
Right: 9.121+/-0.639 χ^2/NDF : 229.8/21

In: 10.606+/-0.916 χ^2/NDF : 79.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.121+/-0.639 χ^2/NDF : 229.8/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.094+/-0.056 χ^2/NDF : 274055.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.886+/-0.052 χ^2/NDF : 267715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

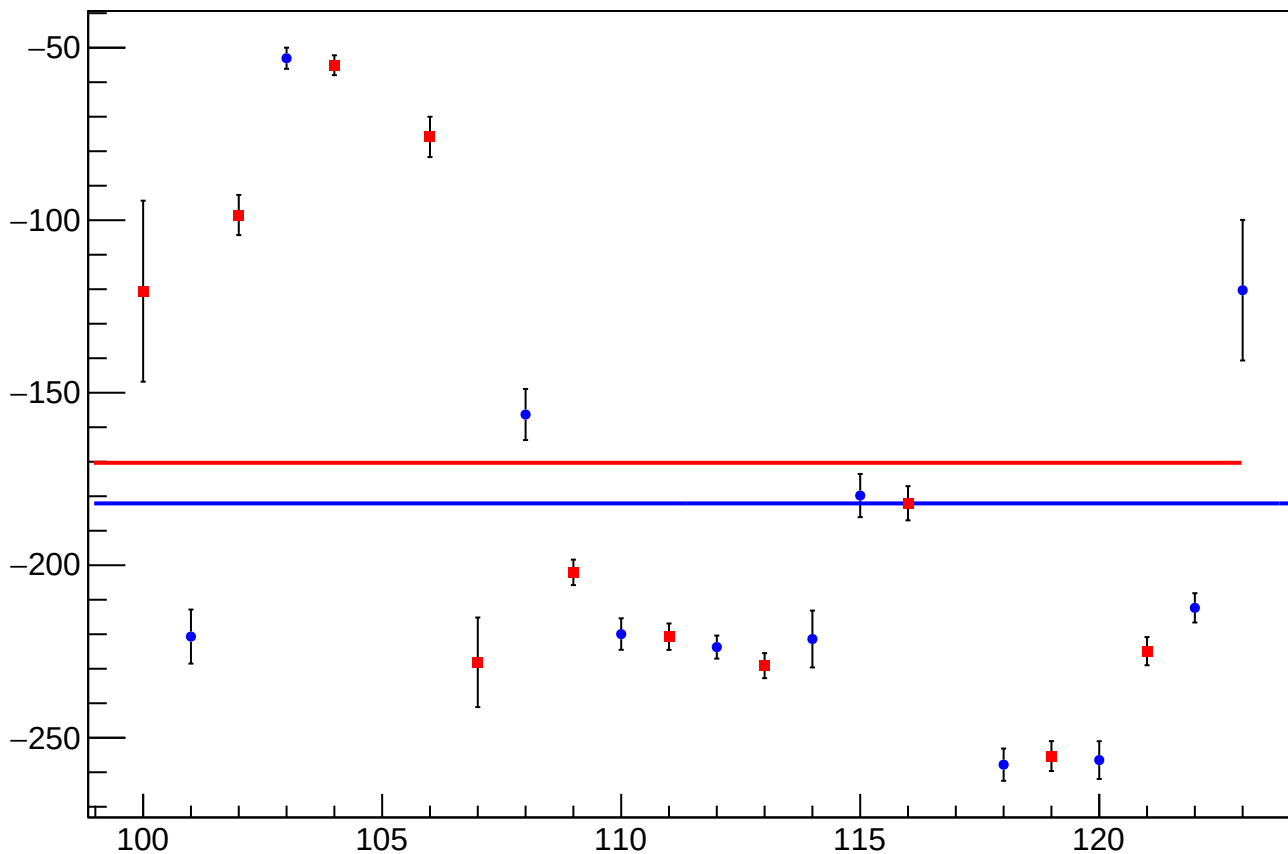
Right: -0.035+/-0.038 χ^2/NDF : 544460.8/21

In: 2.094+/-0.056 χ^2/NDF : 274055.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.035+/-0.038 χ^2/NDF : 544460.8/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -182.076+/-1.481 χ^2 /NDF: 2560.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -170.304+/-1.337 χ^2 /NDF: 3122.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

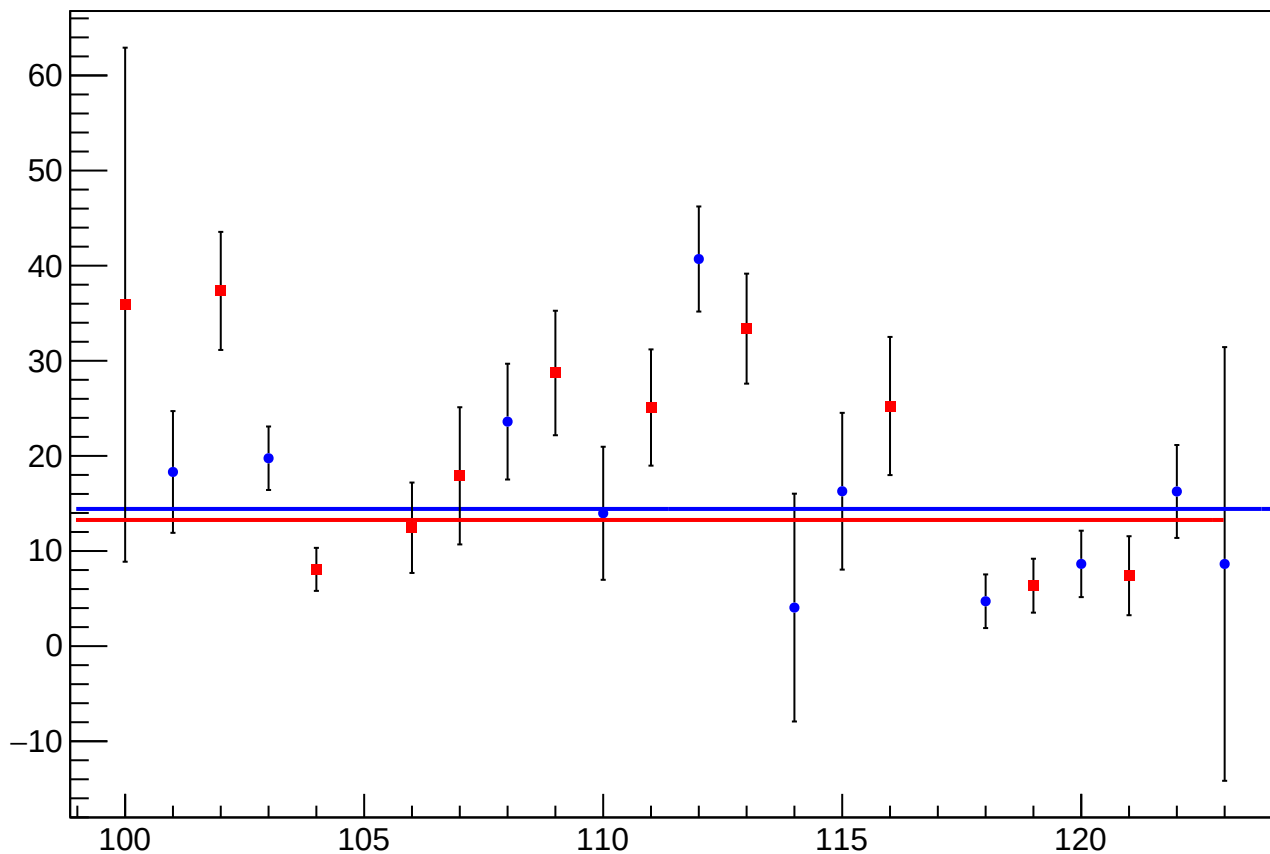
Right: -175.592+/-0.993 χ^2 /NDF: 5717.3/21

In: -182.076+/-1.481 χ^2 /NDF:2560.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -175.592+/-0.993 χ^2 /NDF: 5717.3/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.424+/-1.462 χ^2/NDF : 43.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.264+/-1.327 χ^2/NDF : 53.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

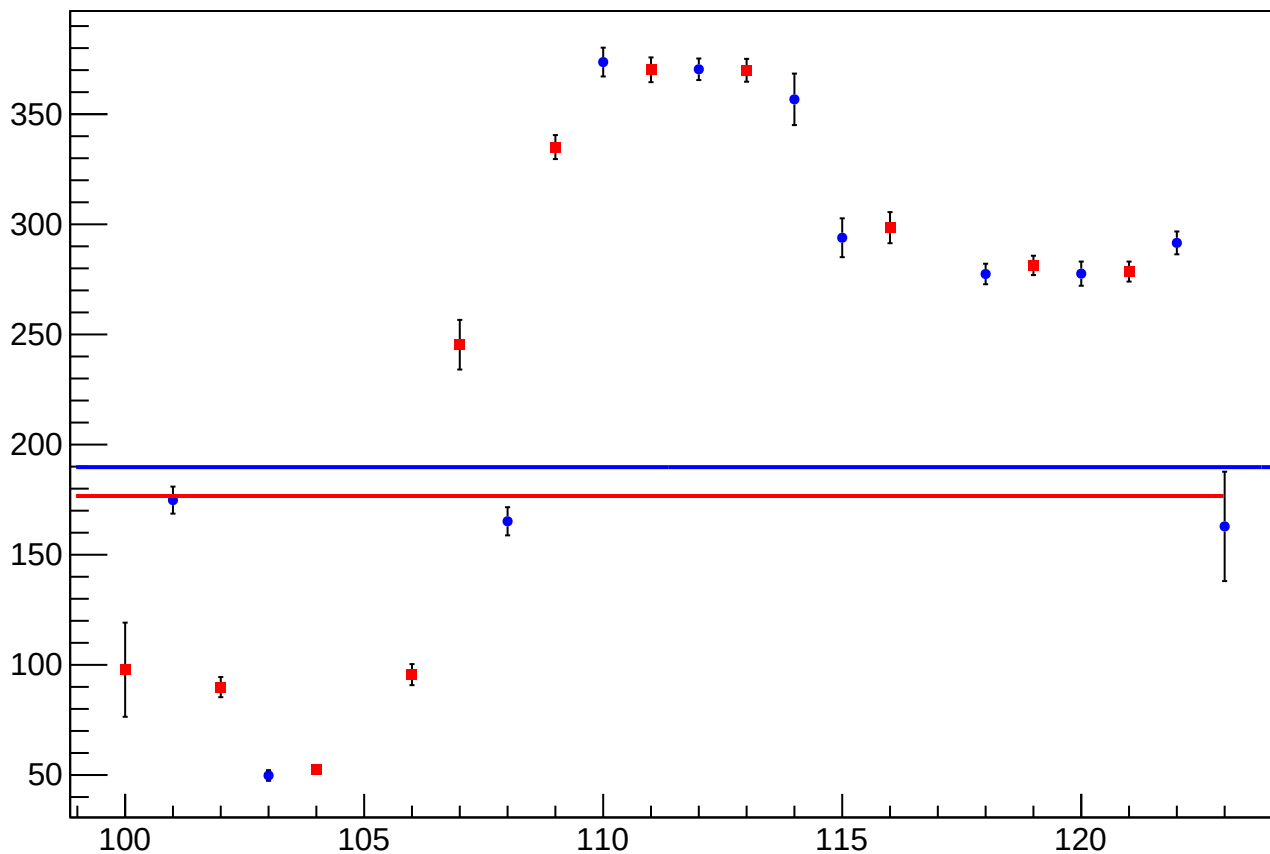
Right: 13.788+/-0.983 χ^2/NDF : 97.3/21

In: 14.424+/-1.462 χ^2/NDF : 43.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.788+/-0.983 χ^2/NDF : 97.3/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 189.762 $\pm$ 1.531 χ^2 /NDF: 6890.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.659 $\pm$ 1.388 χ^2 /NDF: 8475.6/10

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

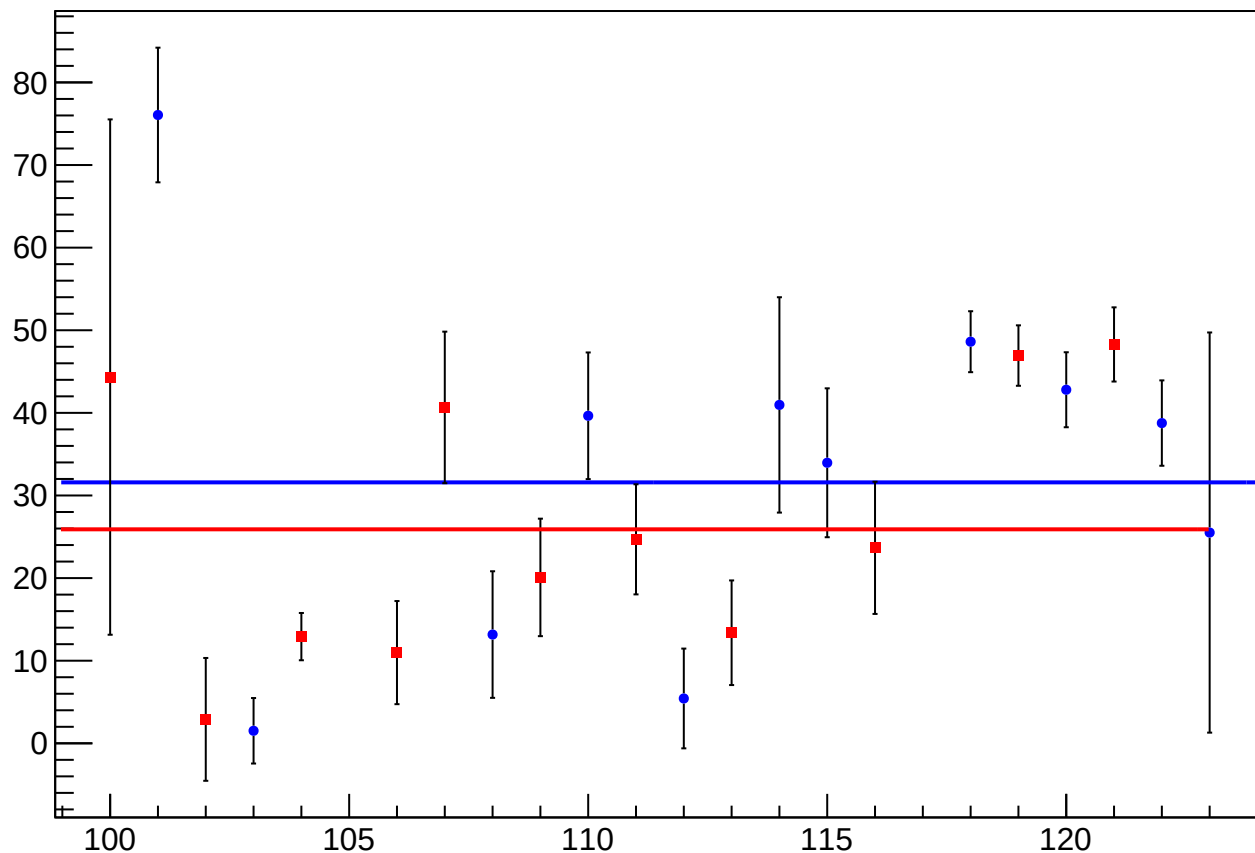
Right: 182.573 $\pm$ 1.028 χ^2 /NDF: 15405.8/21

In: 189.762 $\pm$ 1.531 χ^2 /NDF:6890.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 182.573 $\pm$ 1.028 χ^2 /NDF: 15405.8/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.586+/-1.769 χ^2/NDF : 143.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.904+/-1.610 χ^2/NDF : 101.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

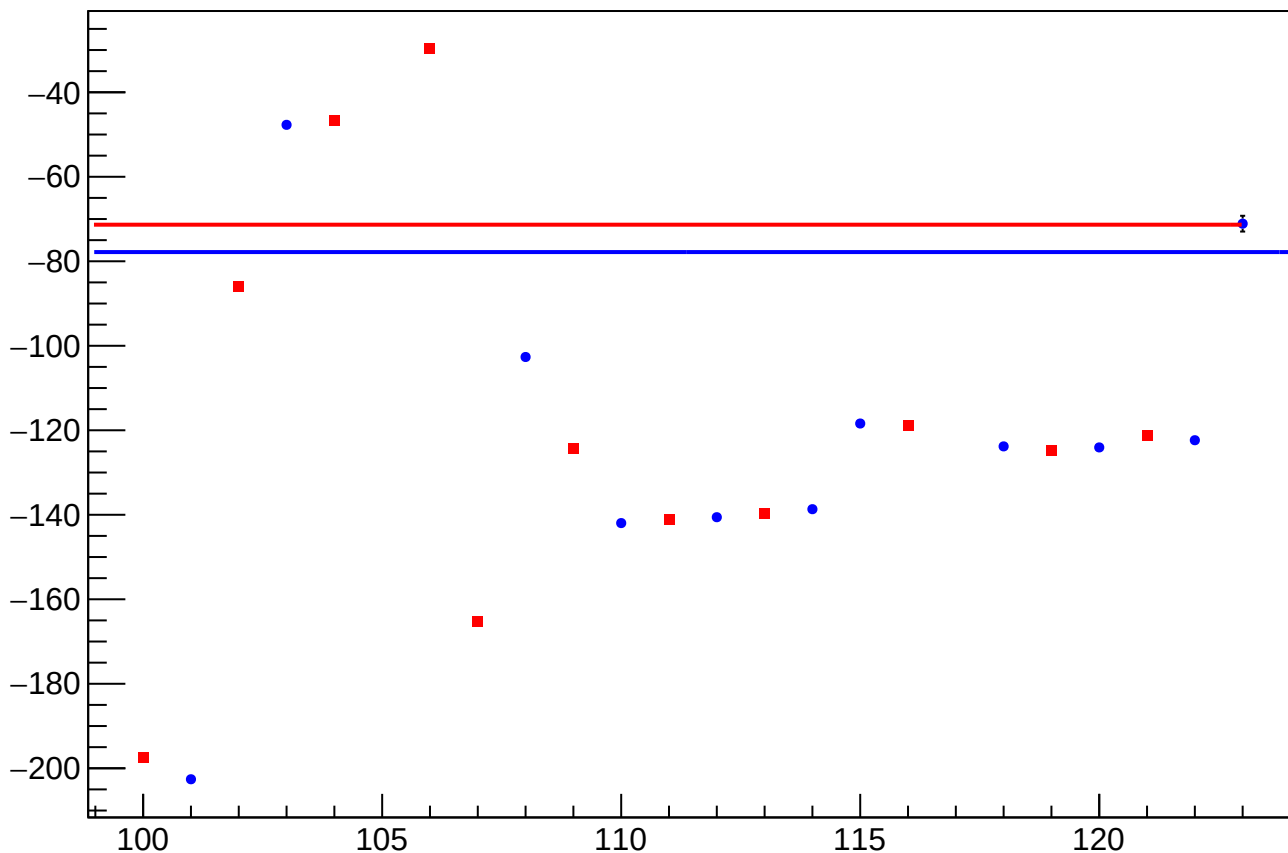
Right: 28.477+/-1.191 χ^2/NDF : 250.0/21

In: 31.586+/-1.769 χ^2/NDF : 143.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.477+/-1.191 χ^2/NDF : 250.0/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -77.821+/-0.080 χ^2/NDF : 305398.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -71.342+/-0.075 χ^2/NDF : 277168.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

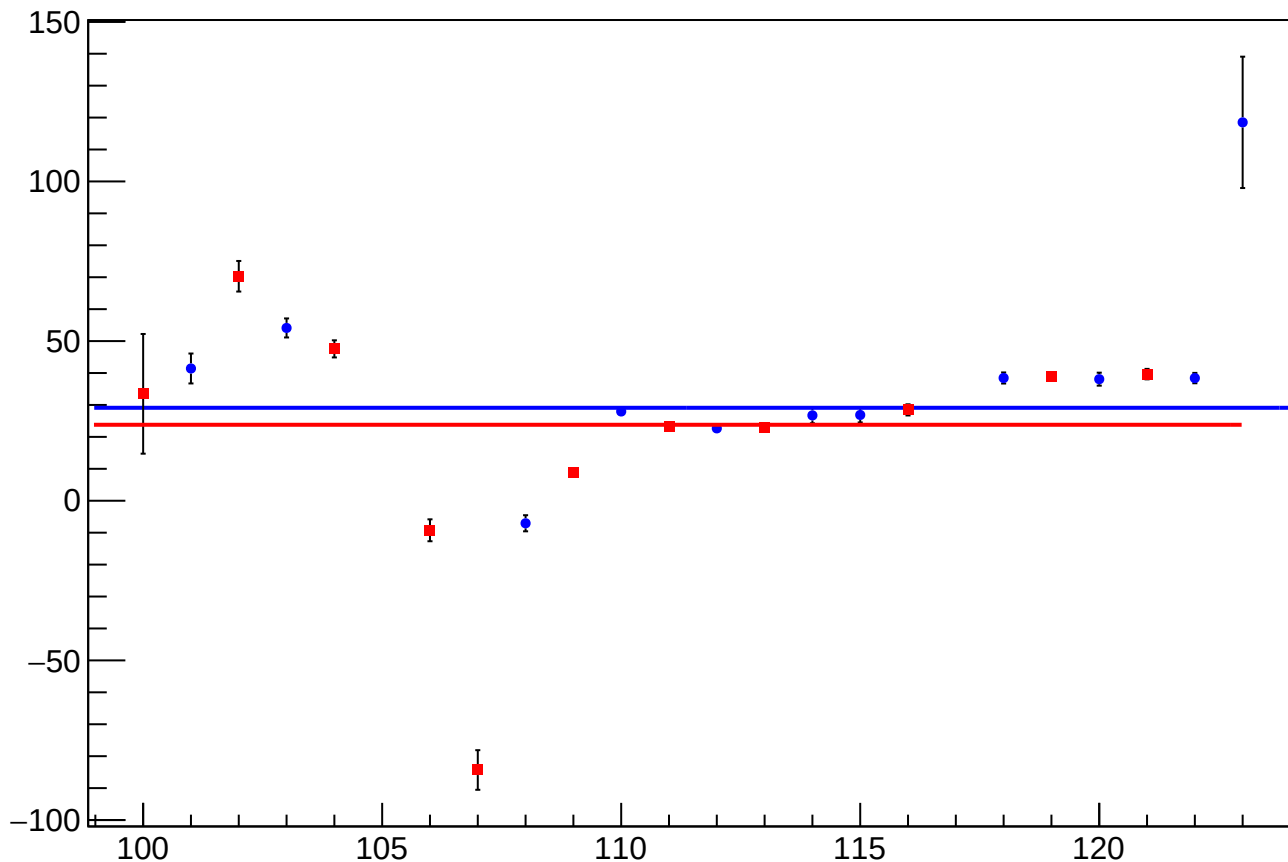
Right: -74.355+/-0.055 χ^2/NDF : 586042.4/21

In: -77.821+/-0.080 χ^2/NDF :305398.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.355+/-0.055 χ^2/NDF : 586042.4/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.112 $\pm$ 0.577 χ^2 /NDF: 419.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.791 $\pm$ 0.520 χ^2 /NDF: 960.4/10

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

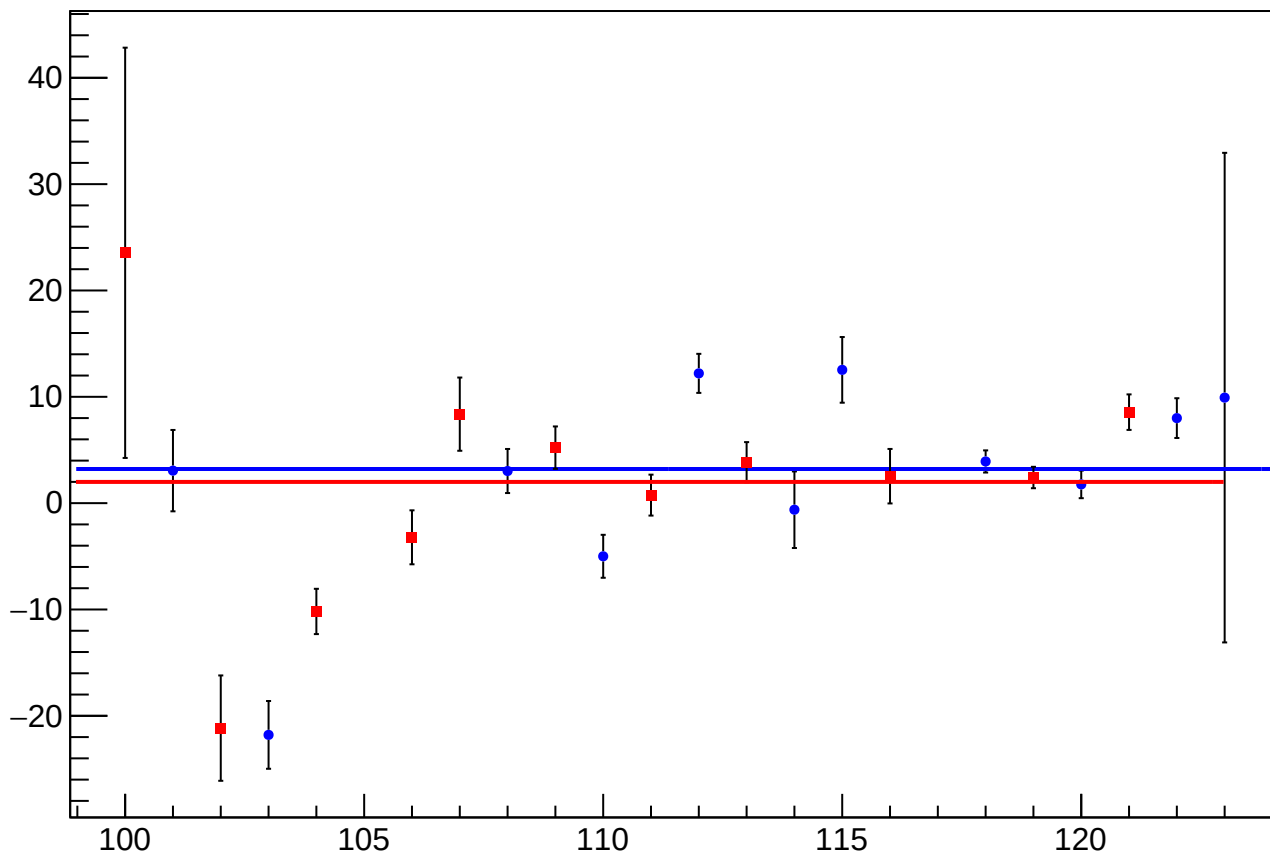
Right: 26.175 $\pm$ 0.386 χ^2 /NDF: 1427.0/21

In: 29.112 $\pm$ 0.577 χ^2 /NDF:419.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.175 $\pm$ 0.386 χ^2 /NDF: 1427.0/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.212+/-0.585 χ^2/NDF : 120.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.997+/-0.597 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

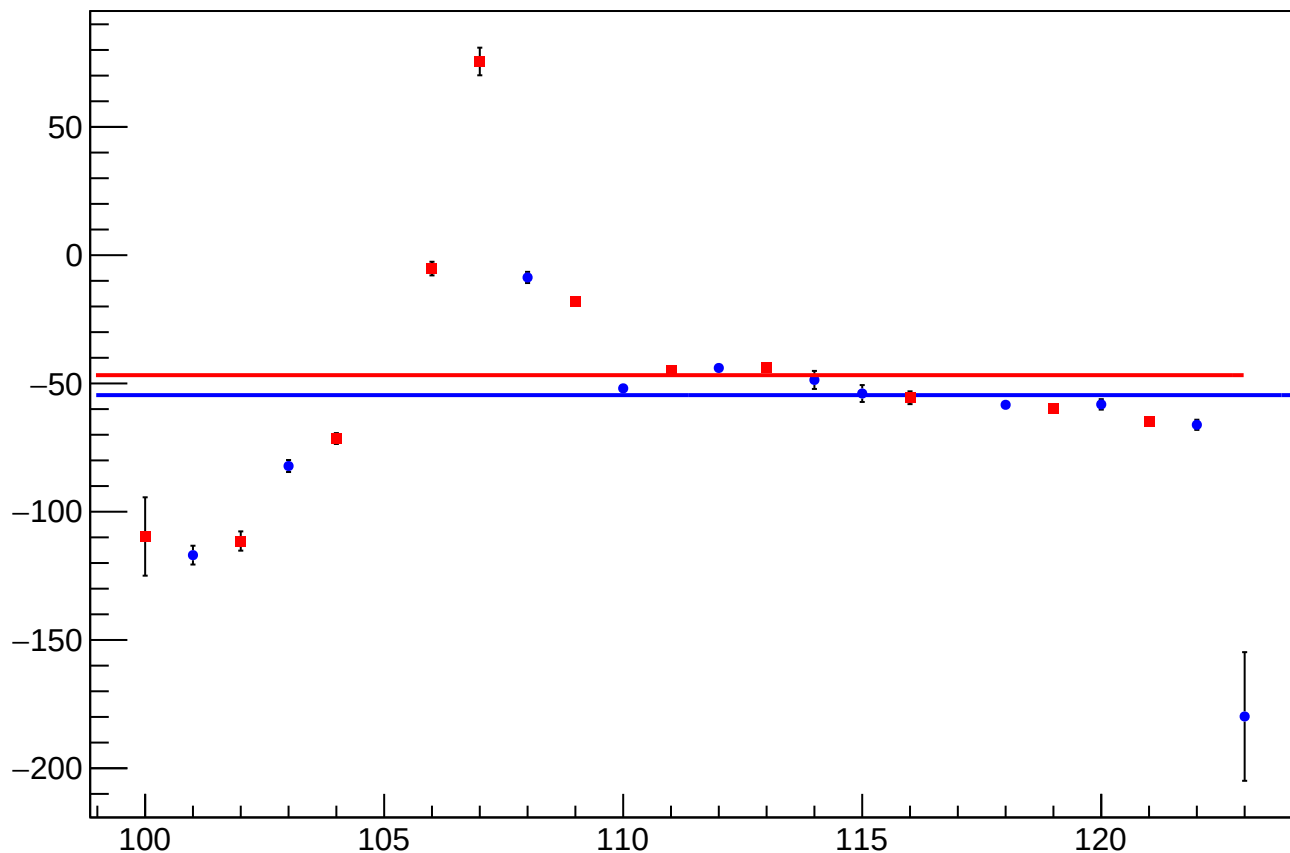
Right: 2.617+/-0.418 χ^2/NDF : 205.9/21

In: 3.212+/-0.585 χ^2/NDF : 120.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.617+/-0.418 χ^2/NDF : 205.9/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.554 ± 0.685 χ^2/NDF : 987.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.771 ± 0.644 χ^2/NDF : 1710.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

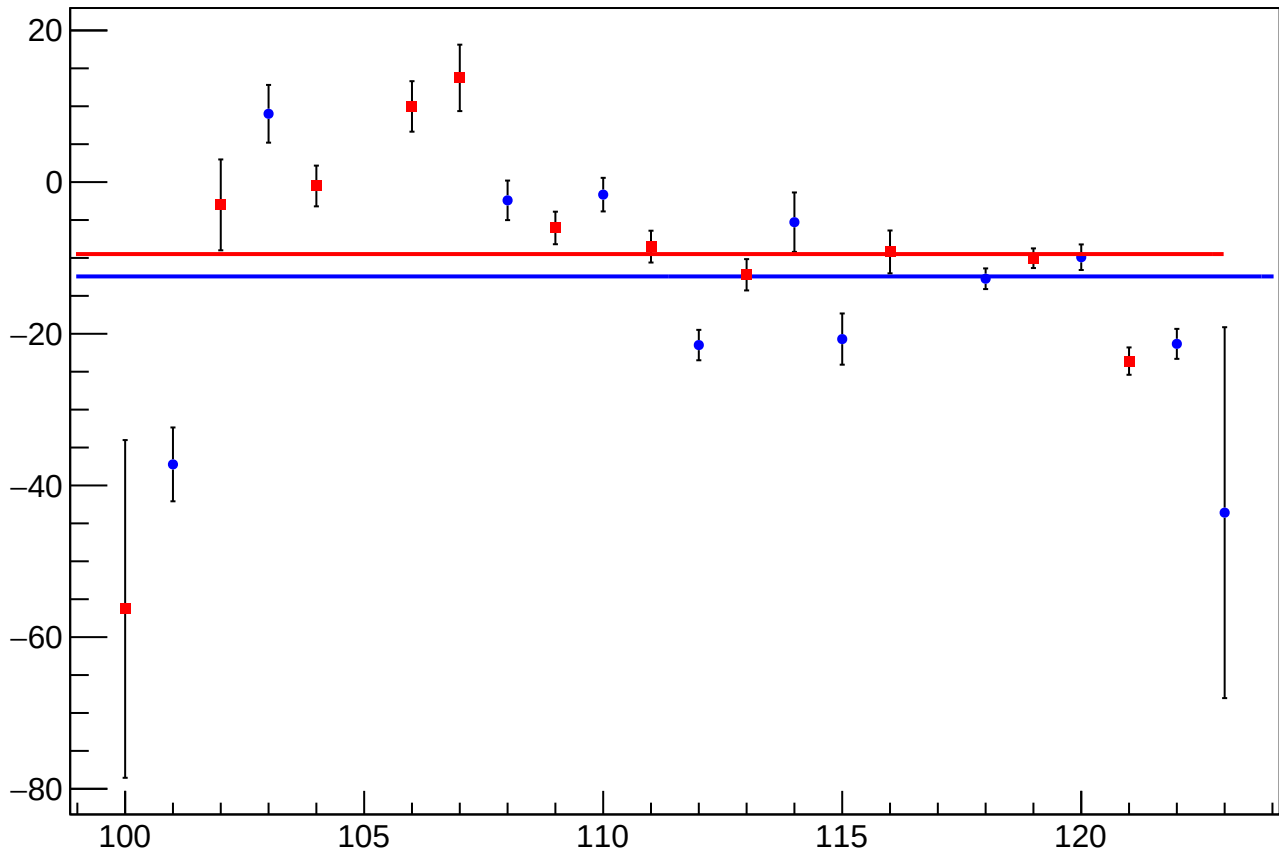
Right: -50.424 ± 0.469 χ^2/NDF : 2766.4/21

In: -54.554 ± 0.685 χ^2/NDF : 987.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.424 ± 0.469 χ^2/NDF : 2766.4/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.438 $\pm$ 0.705 χ^2 /NDF: 150.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.489 $\pm$ 0.704 χ^2 /NDF: 145.1/10

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

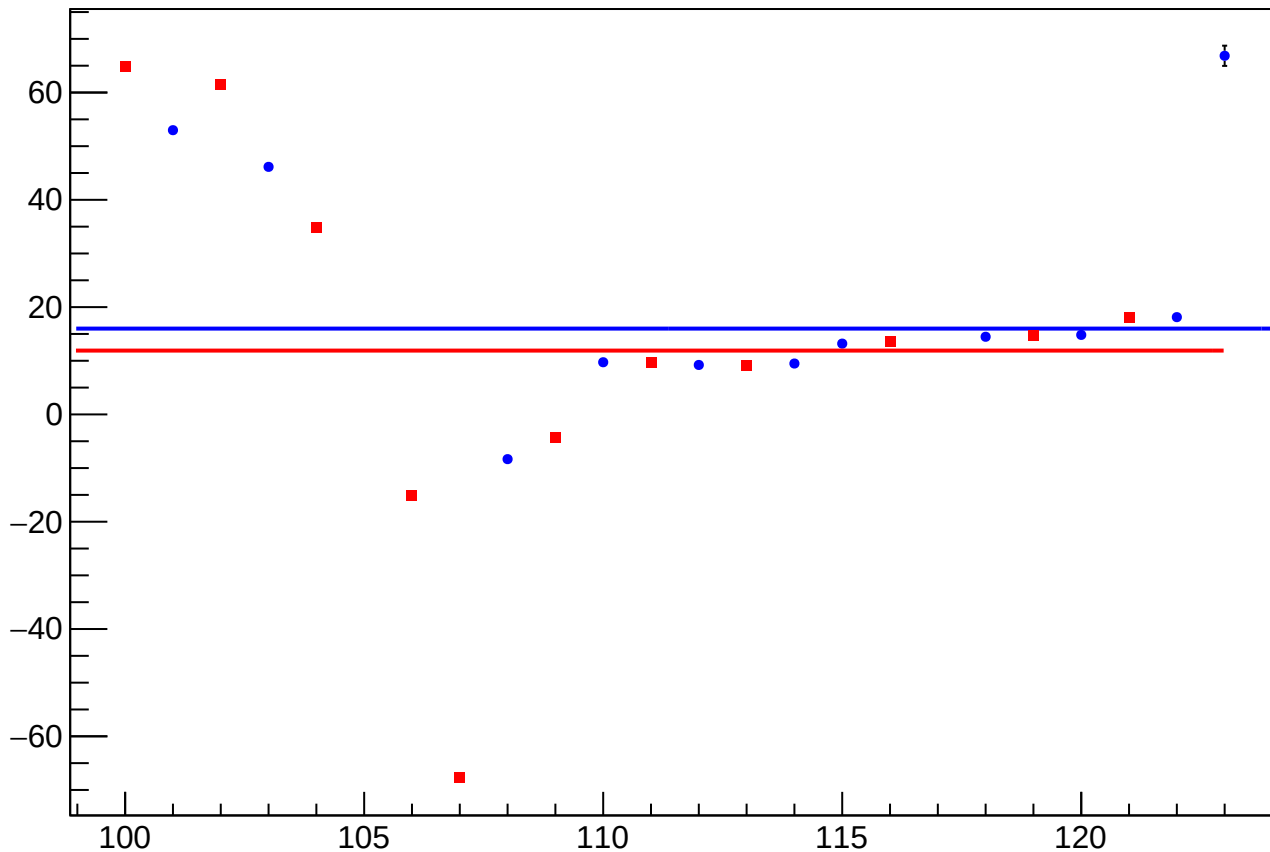
Right: -10.961 $\pm$ 0.498 χ^2 /NDF: 303.9/21

In: -12.438 $\pm$ 0.705 χ^2 /NDF:150.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.961 $\pm$ 0.498 χ^2 /NDF: 303.9/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.998+/-0.044 χ^2/NDF : 205197.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.898+/-0.043 χ^2/NDF : 344836.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

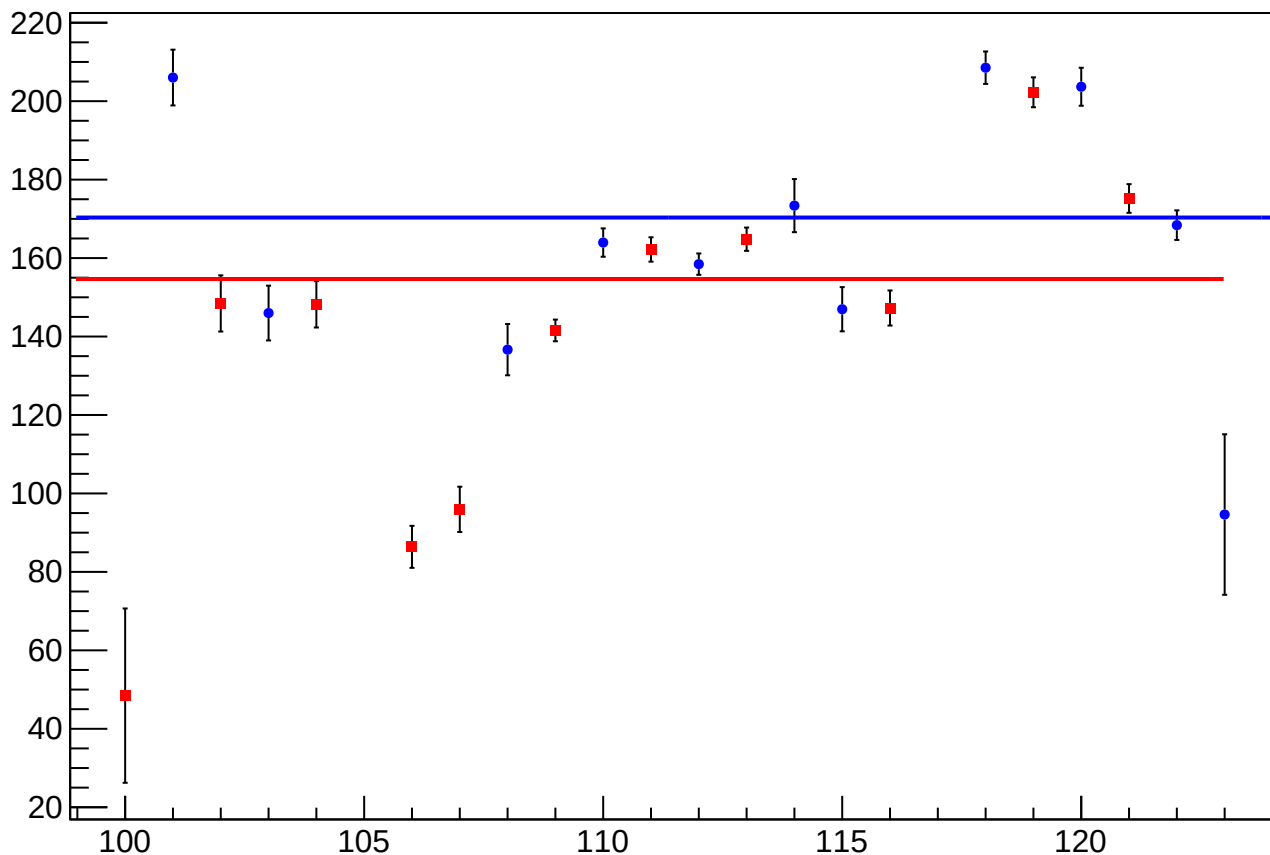
Right: 13.918+/-0.031 χ^2/NDF : 554493.5/21

In: 15.998+/-0.044 χ^2/NDF : 205197.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.918+/-0.031 χ^2/NDF : 554493.5/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.335+/-1.411 χ^2/NDF : 250.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.667+/-1.234 χ^2/NDF : 521.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

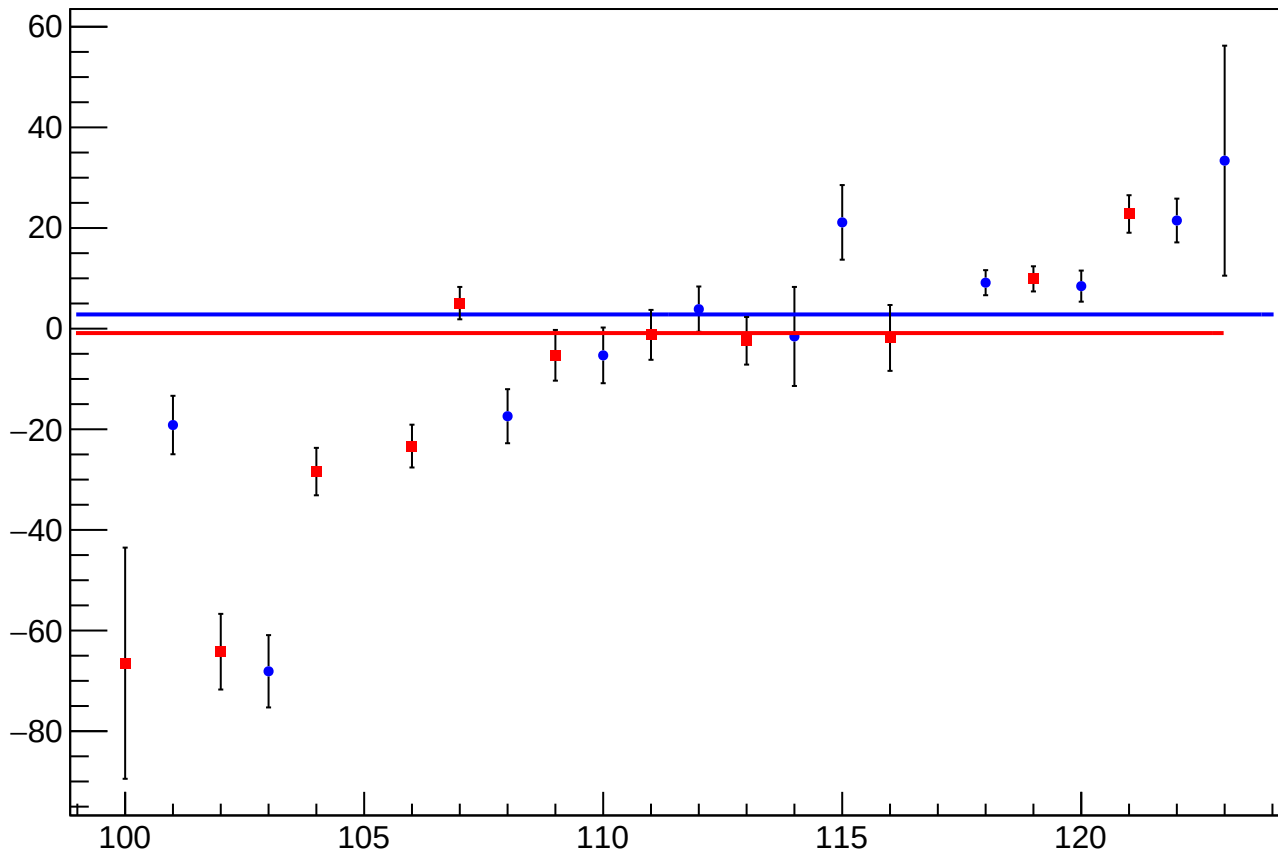
Right: 161.456+/-0.929 χ^2/NDF : 841.6/21

In: 170.335+/-1.411 χ^2/NDF : 250.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.456+/-0.929 χ^2/NDF : 841.6/21

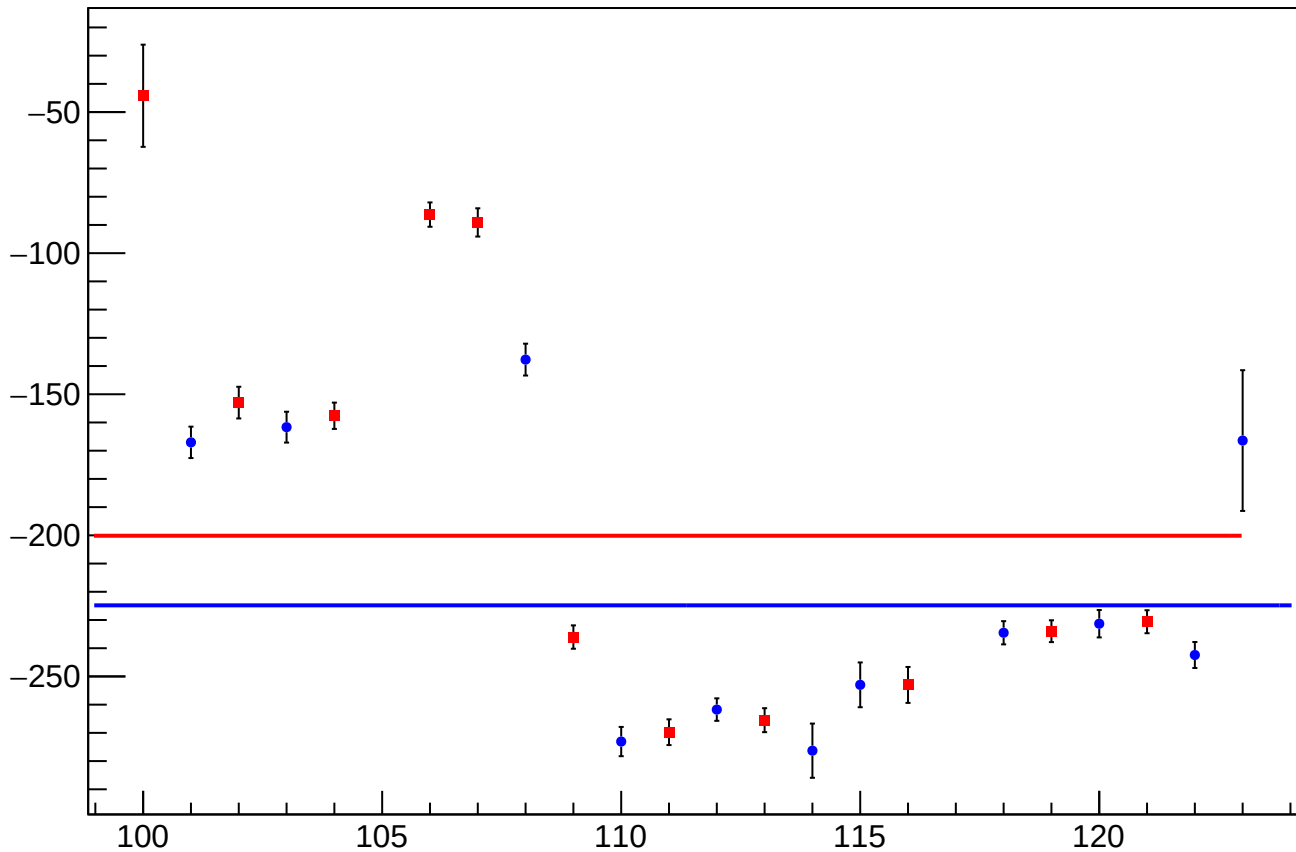
reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.825+/-1.394 χ^2/NDF : 164.3/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.879+/-1.295 χ^2/NDF : 204.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.836+/-0.948 χ^2/NDF : 372.4/21
 In: 2.825+/-1.394 χ^2/NDF : 164.3/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.836+/-0.948 χ^2/NDF : 372.4/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -224.809+/-1.635 χ^2/NDF : 720.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.140+/-1.432 χ^2/NDF : 2161.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

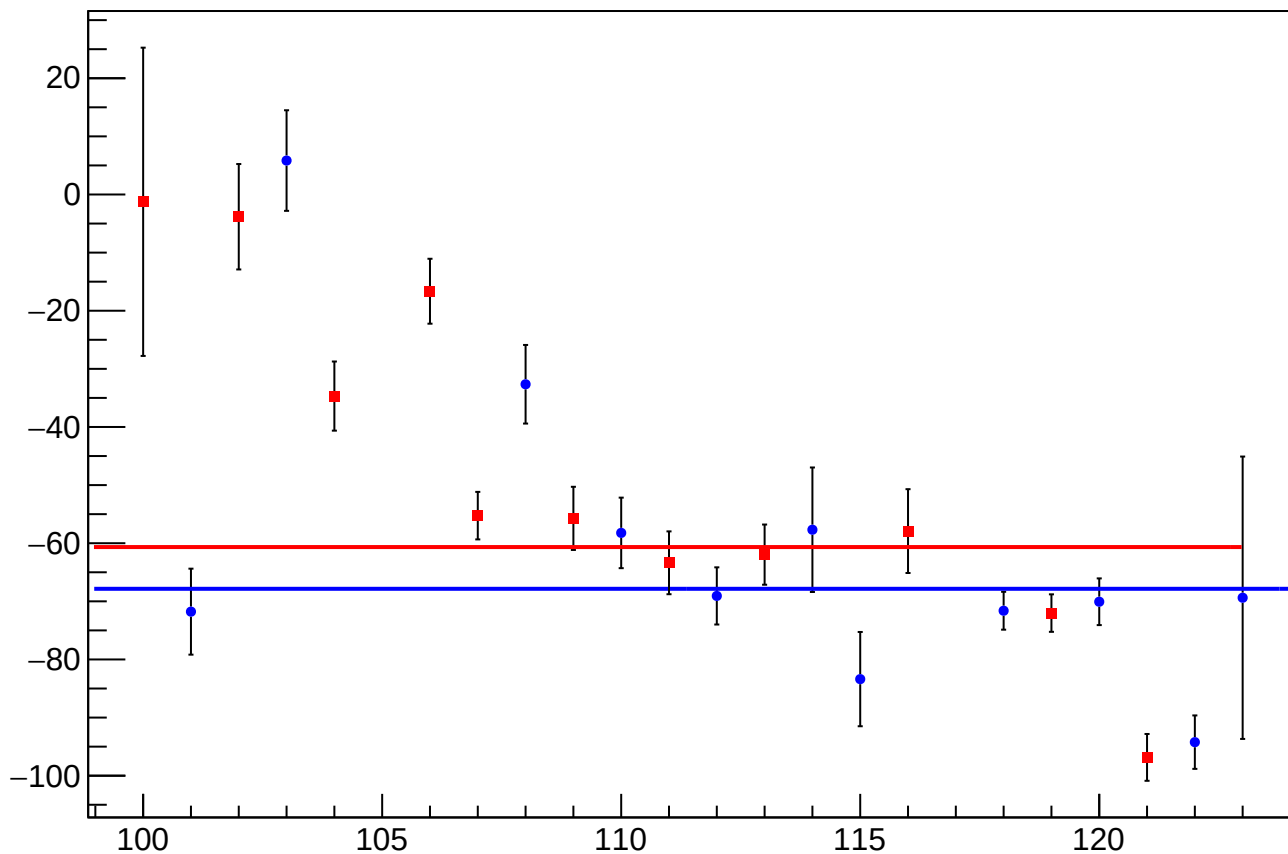
Right: -210.848+/-1.077 χ^2/NDF : 3010.7/21

In: -224.809+/-1.635 χ^2/NDF : 720.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.848+/-1.077 χ^2/NDF : 3010.7/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.843 ± 1.688 $\chi^2/\text{NDF}: 141.6/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -60.661 ± 1.550 $\chi^2/\text{NDF}: 221.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

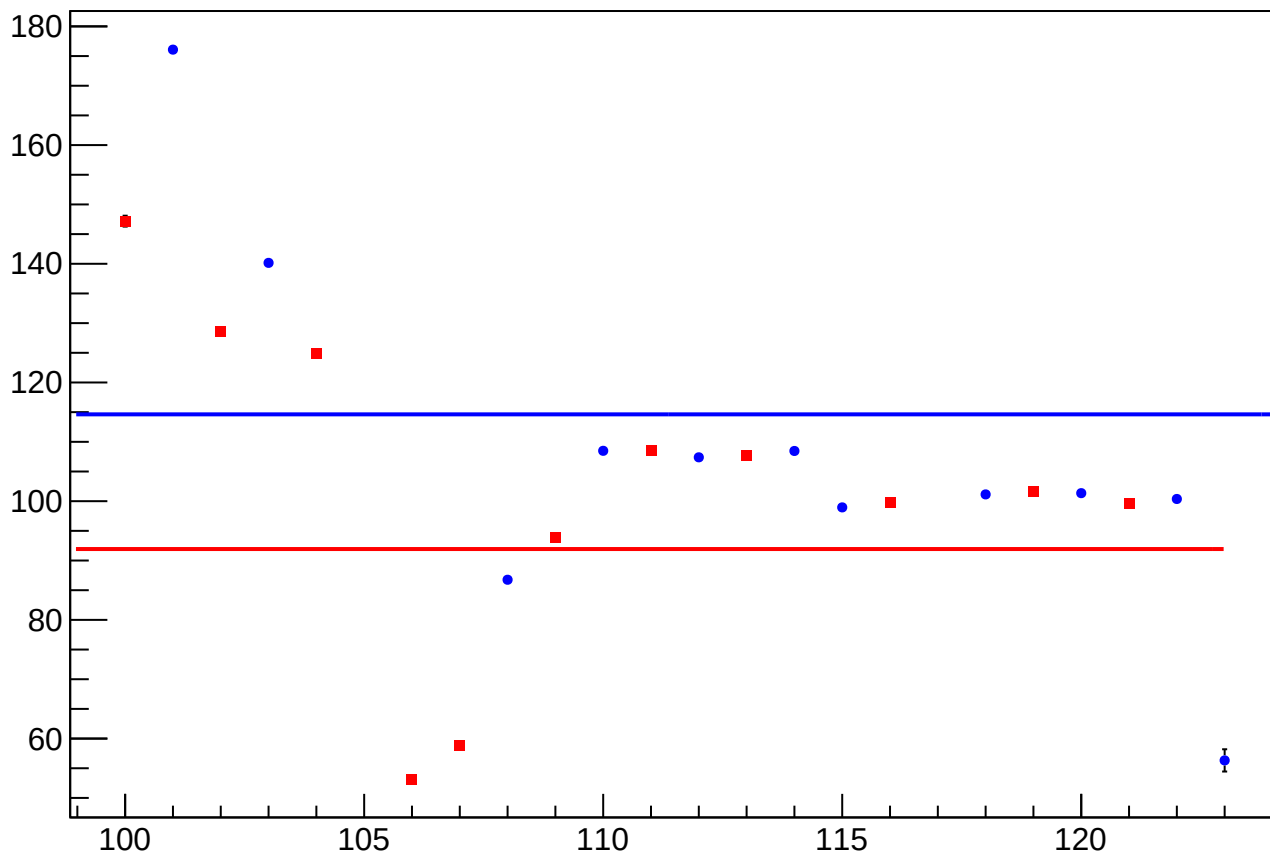
Right: -63.948 ± 1.142 $\chi^2/\text{NDF}: 373.1/21$

In: -67.843 ± 1.688 $\chi^2/\text{NDF}: 141.6/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -63.948 ± 1.142 $\chi^2/\text{NDF}: 373.1/21$

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.630 $\pm$ 0.104 χ^2 /NDF: 68125.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.937 $\pm$ 0.084 χ^2 /NDF: 120359.2/10

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

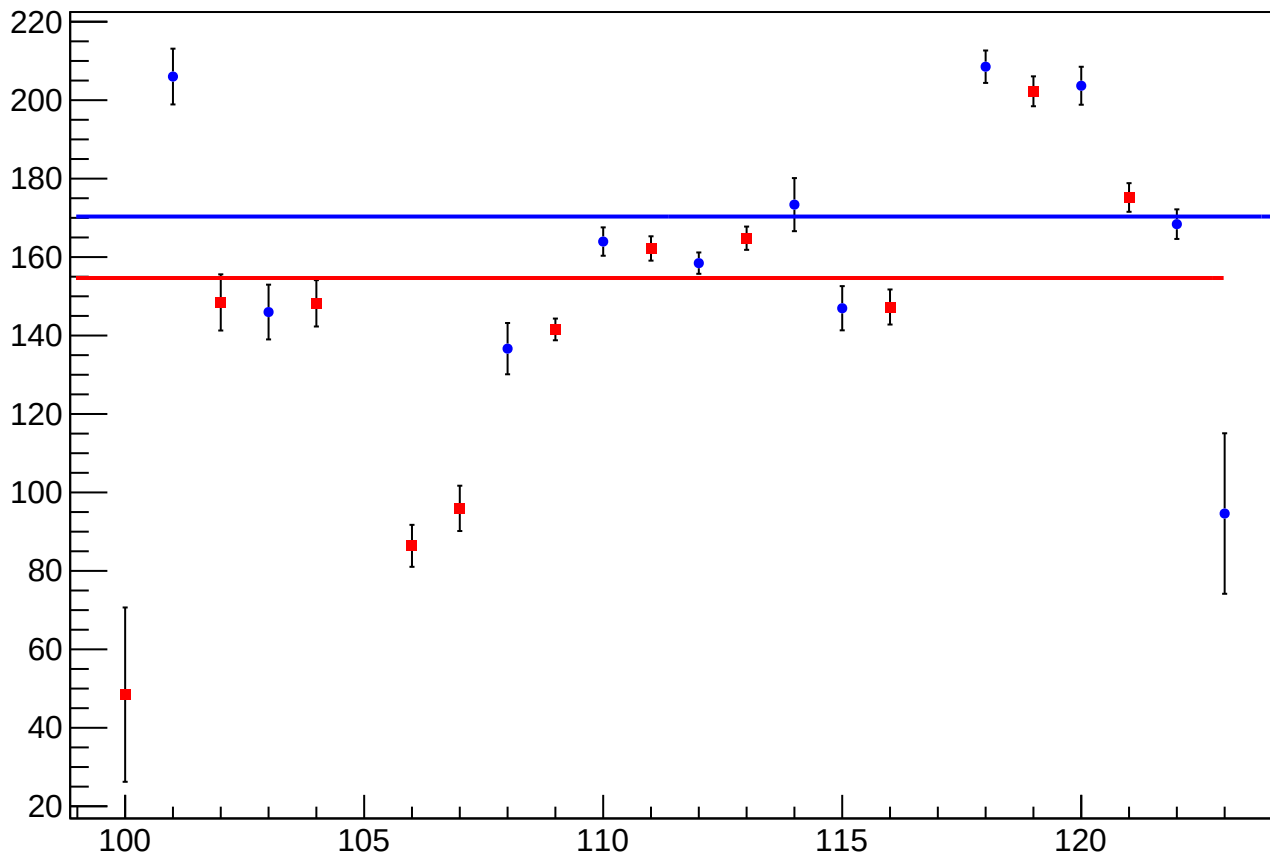
Right: 100.888 $\pm$ 0.066 χ^2 /NDF: 217049.9/21

In: 114.630 $\pm$ 0.104 χ^2 /NDF:68125.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.888 $\pm$ 0.066 χ^2 /NDF: 217049.9/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.335+/-1.411 χ^2/NDF : 250.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.667+/-1.234 χ^2/NDF : 521.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

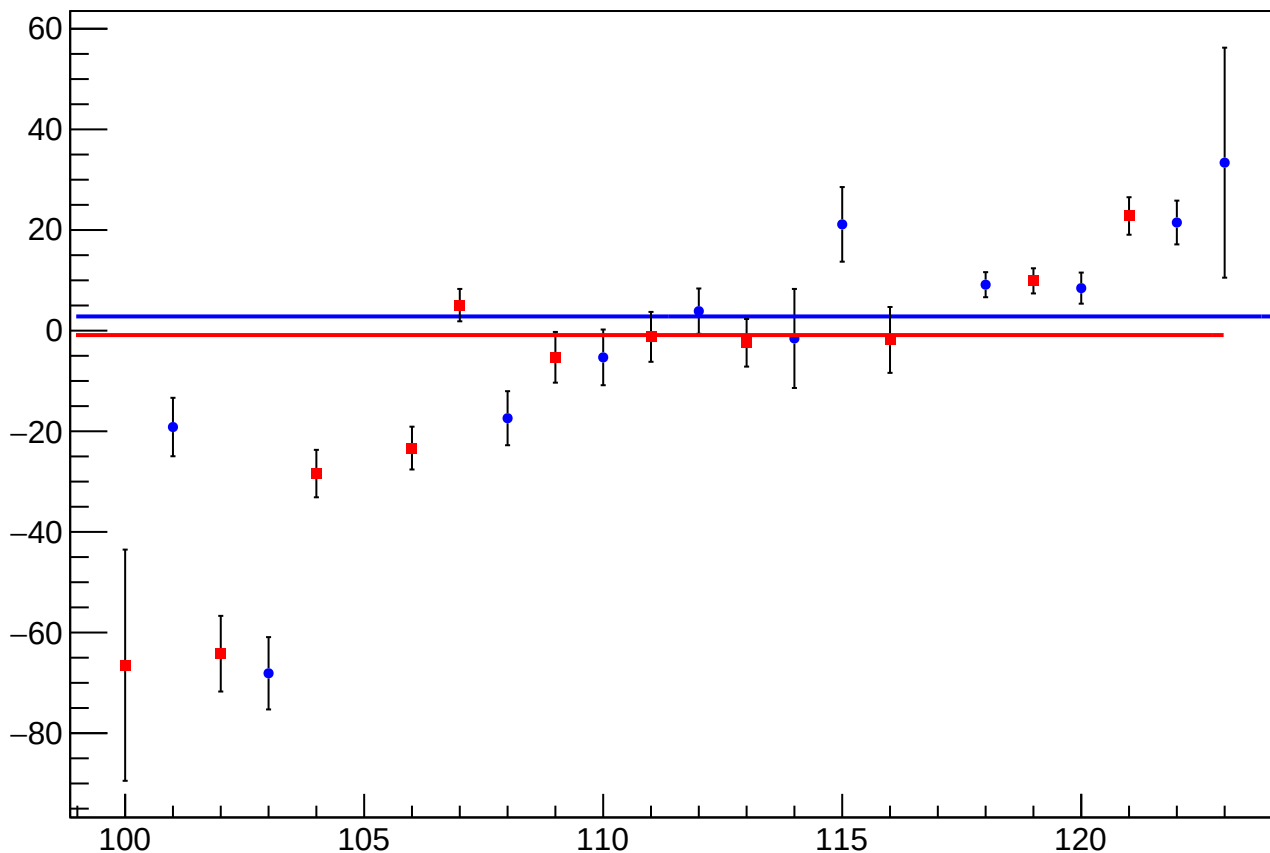
Right: 161.456+/-0.929 χ^2/NDF : 841.6/21

In: 170.335+/-1.411 χ^2/NDF : 250.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.456+/-0.929 χ^2/NDF : 841.6/21

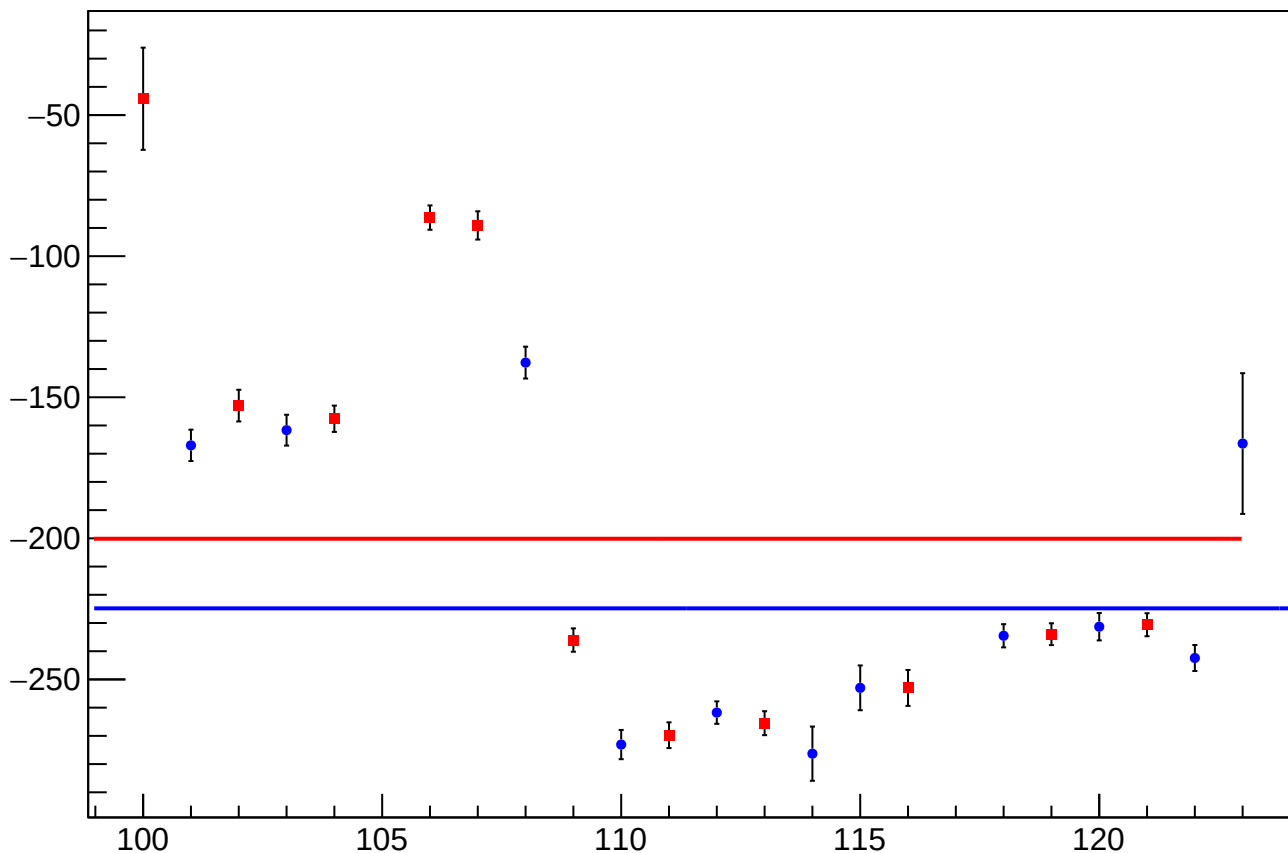
reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.825+/-1.394 χ^2/NDF : 164.3/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.879+/-1.295 χ^2/NDF : 204.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.836+/-0.948 χ^2/NDF : 372.4/21
 In: 2.825+/-1.394 χ^2/NDF : 164.3/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.836+/-0.948 χ^2/NDF : 372.4/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -224.809 ± 1.635 $\chi^2/\text{NDF}: 720.7/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -200.140 ± 1.432 $\chi^2/\text{NDF}: 2161.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

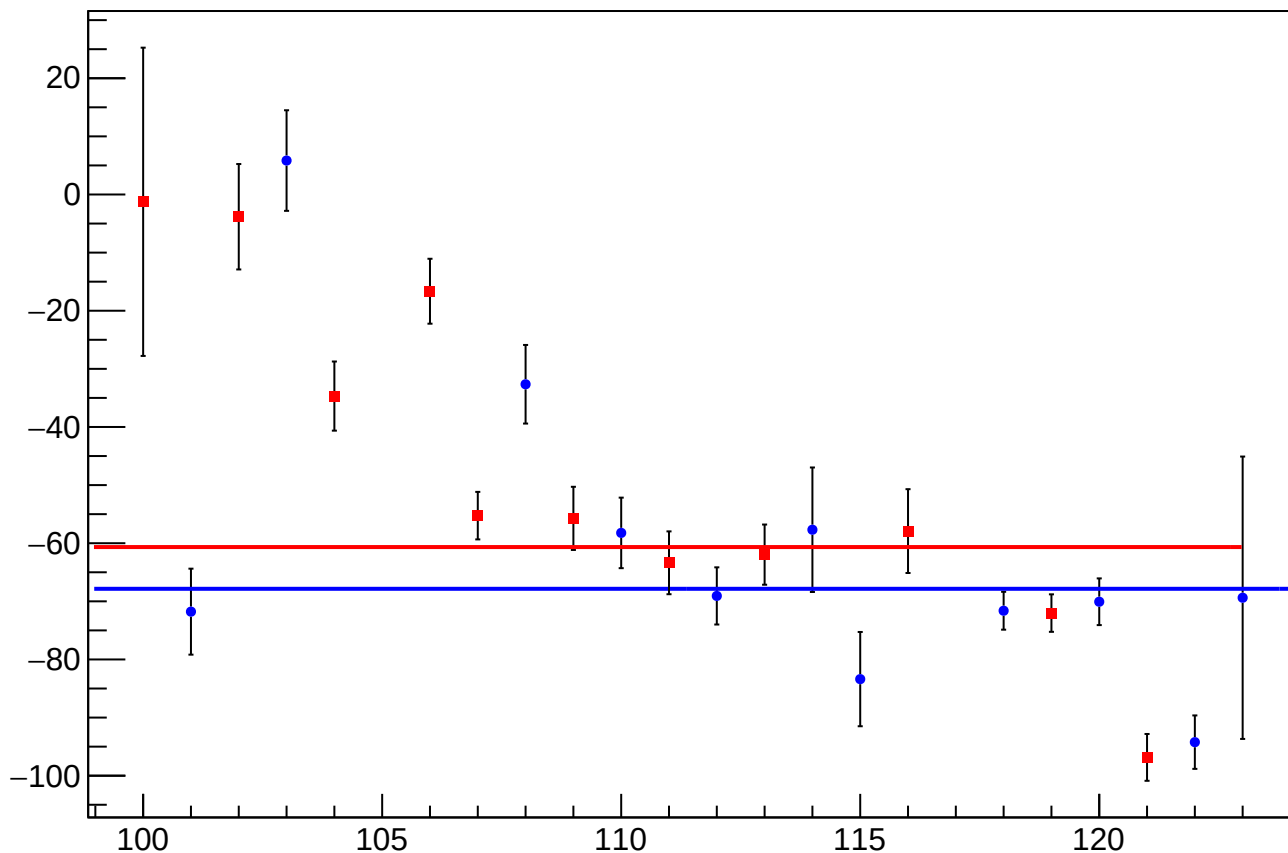
Right: -210.848 ± 1.077 $\chi^2/\text{NDF}: 3010.7/21$

In: -224.809 ± 1.635 $\chi^2/\text{NDF}: 720.7/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -210.848 ± 1.077 $\chi^2/\text{NDF}: 3010.7/21$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.843 $\pm$ 1.688 χ^2 /NDF: 141.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.661 $\pm$ 1.550 χ^2 /NDF: 221.6/10

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

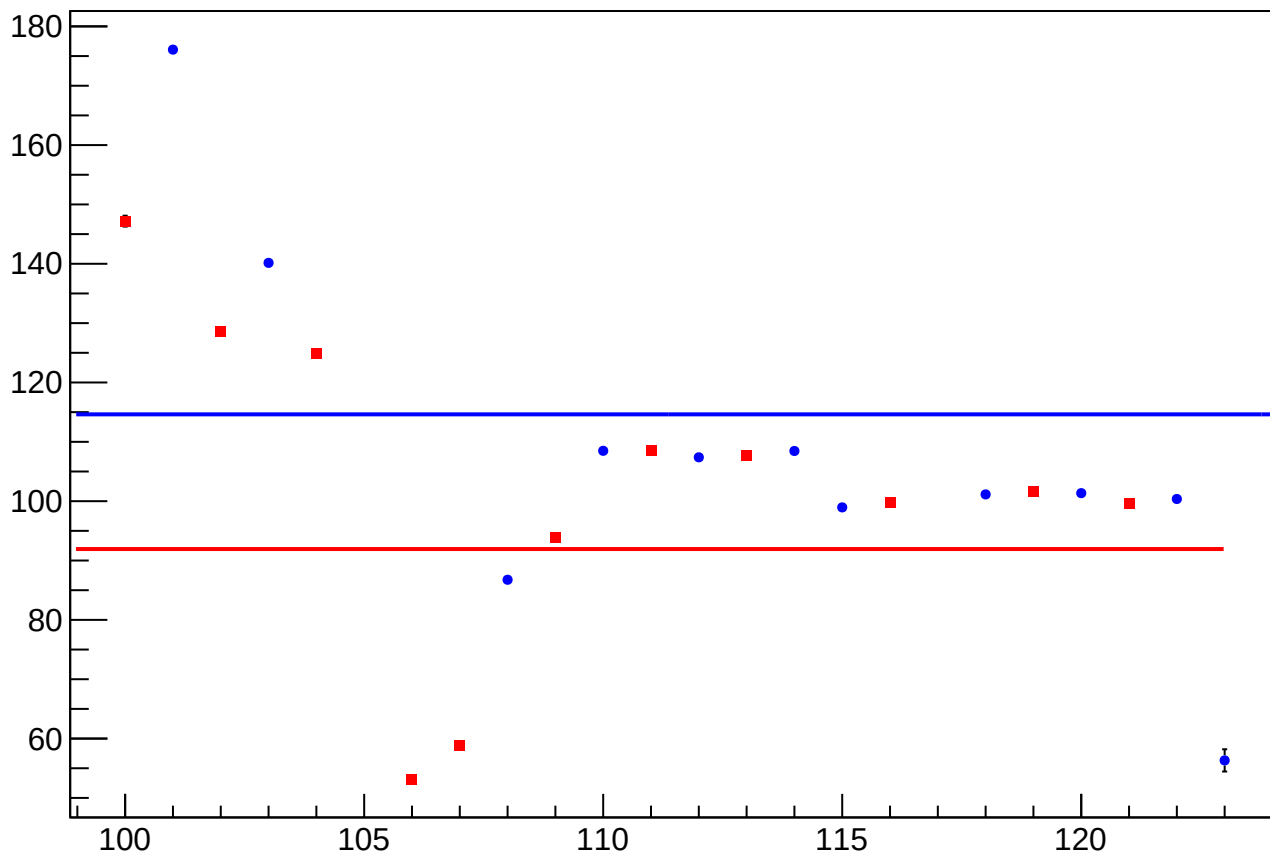
Right: -63.948 $\pm$ 1.142 χ^2 /NDF: 373.1/21

In: -67.843 $\pm$ 1.688 χ^2 /NDF:141.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.948 $\pm$ 1.142 χ^2 /NDF: 373.1/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.630+/-0.104 χ^2/NDF : 68125.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.937+/-0.084 χ^2/NDF : 120359.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

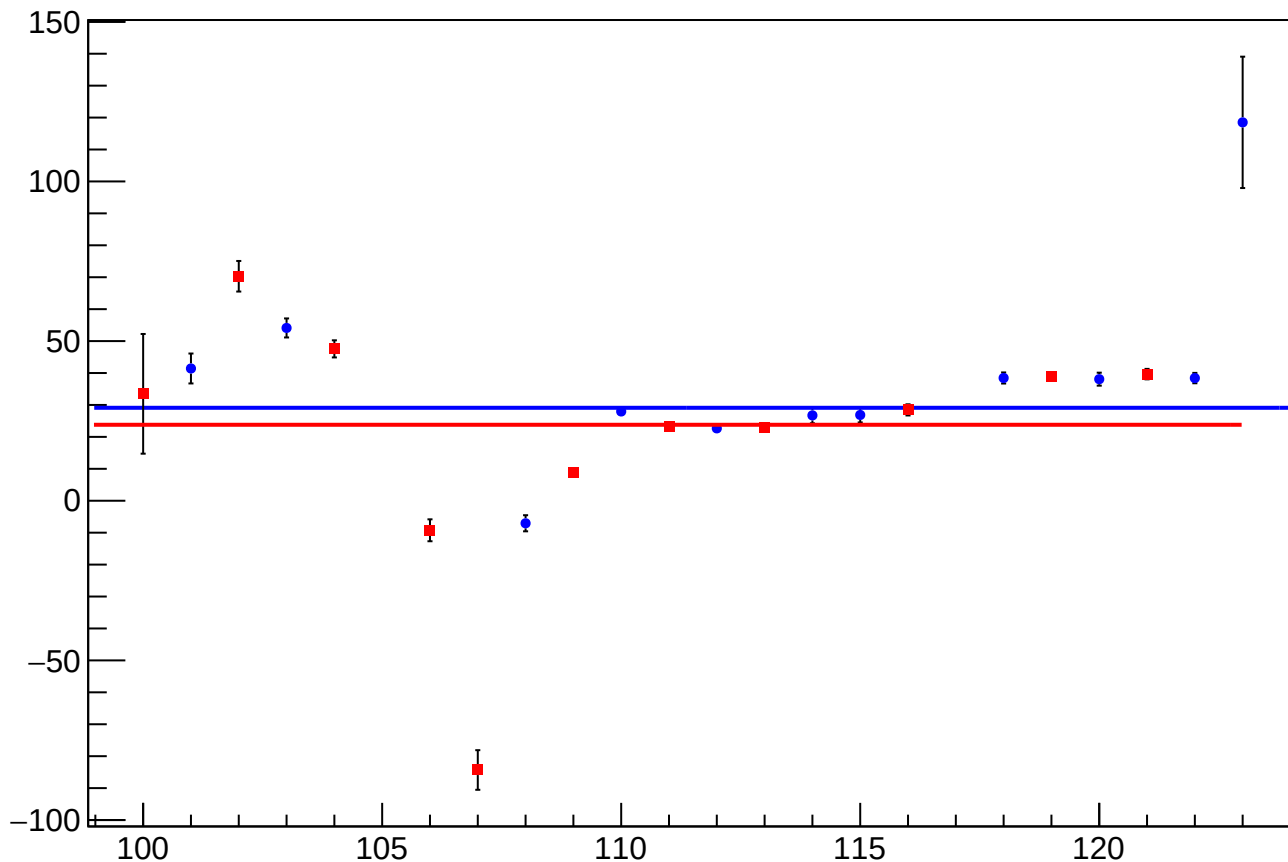
Right: 100.888+/-0.066 χ^2/NDF : 217049.9/21

In: 114.630+/-0.104 χ^2/NDF : 68125.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.888+/-0.066 χ^2/NDF : 217049.9/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.112+/-0.577 χ^2/NDF : 419.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.791+/-0.520 χ^2/NDF : 960.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

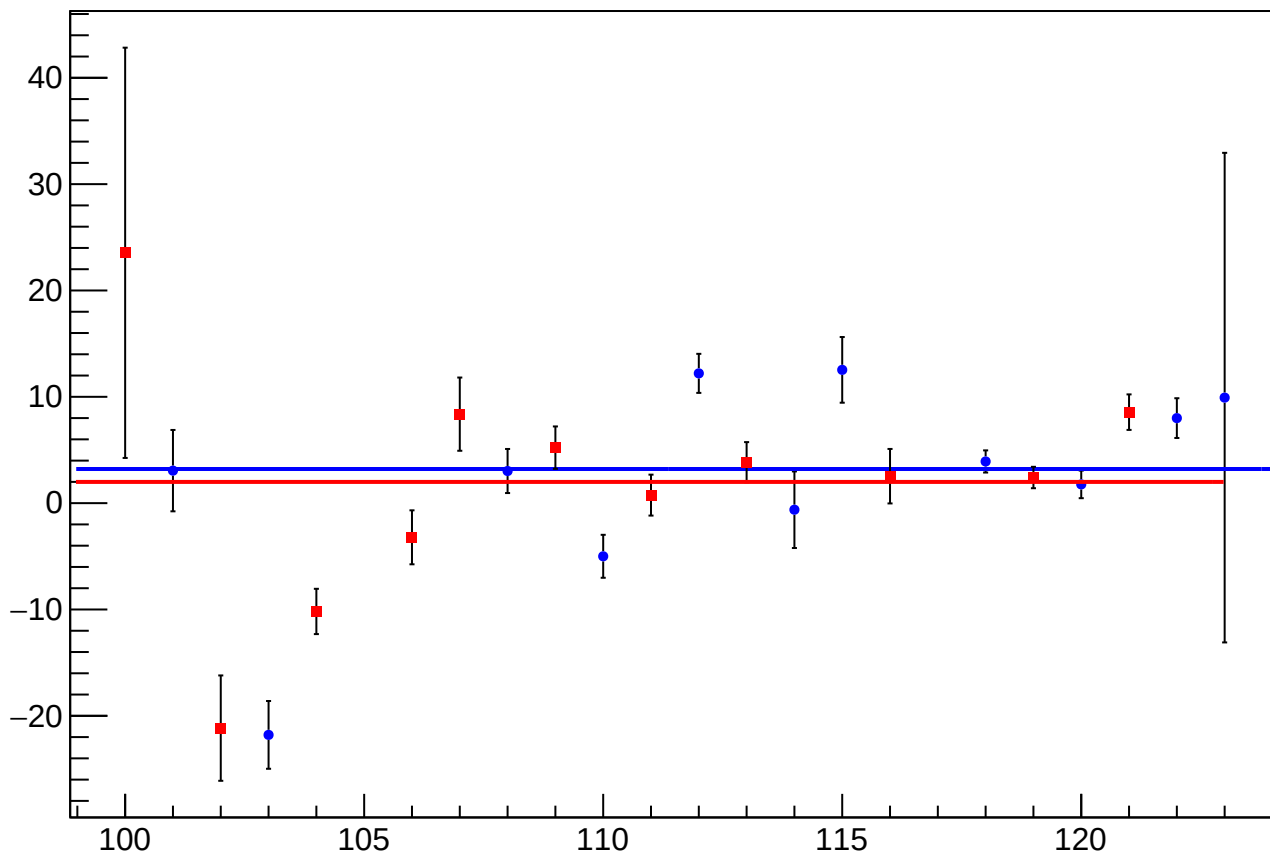
Right: 26.175+/-0.386 χ^2/NDF : 1427.0/21

In: 29.112+/-0.577 χ^2/NDF : 419.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.175+/-0.386 χ^2/NDF : 1427.0/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.212+/-0.585 χ^2/NDF : 120.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.997+/-0.597 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

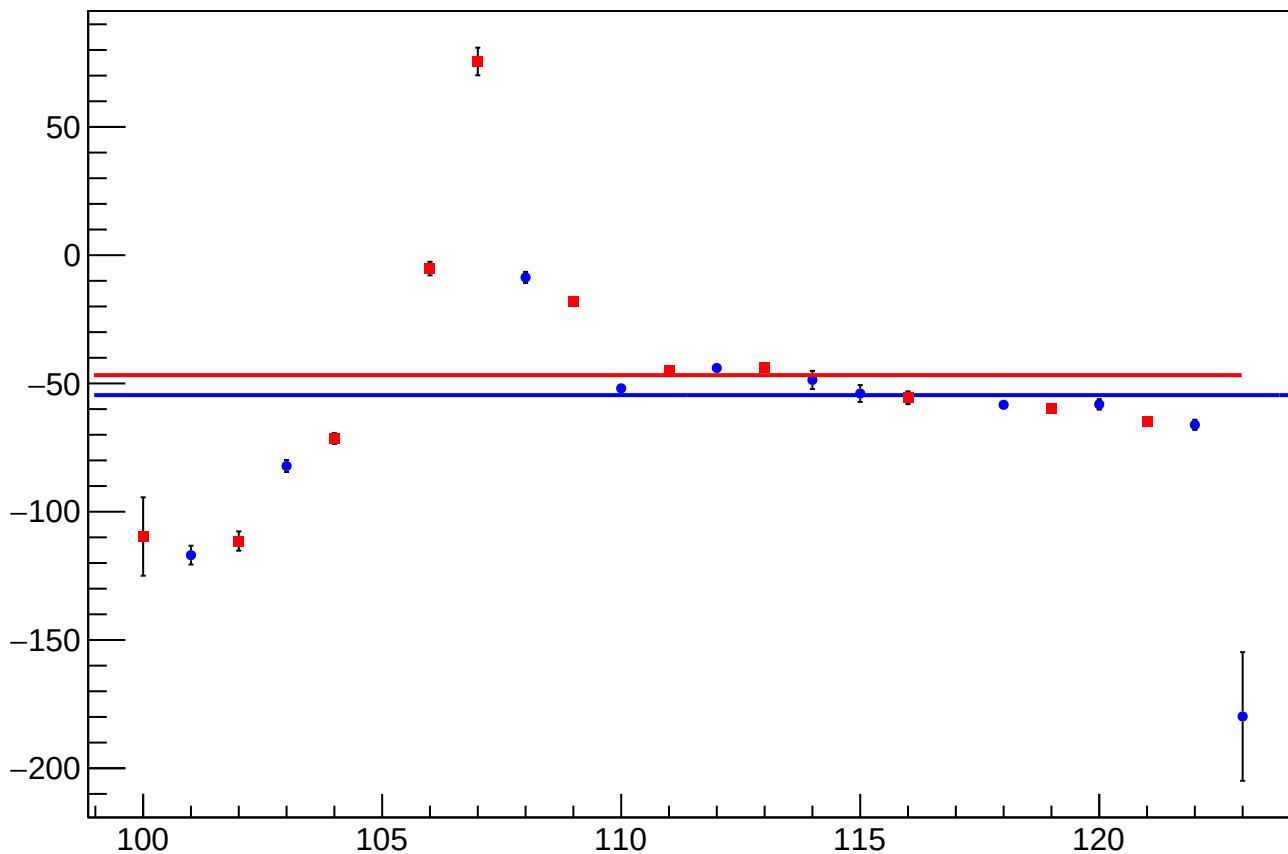
Right: 2.617+/-0.418 χ^2/NDF : 205.9/21

In: 3.212+/-0.585 χ^2/NDF : 120.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.617+/-0.418 χ^2/NDF : 205.9/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.554+/-0.685 χ^2/NDF : 987.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.771+/-0.644 χ^2/NDF : 1710.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

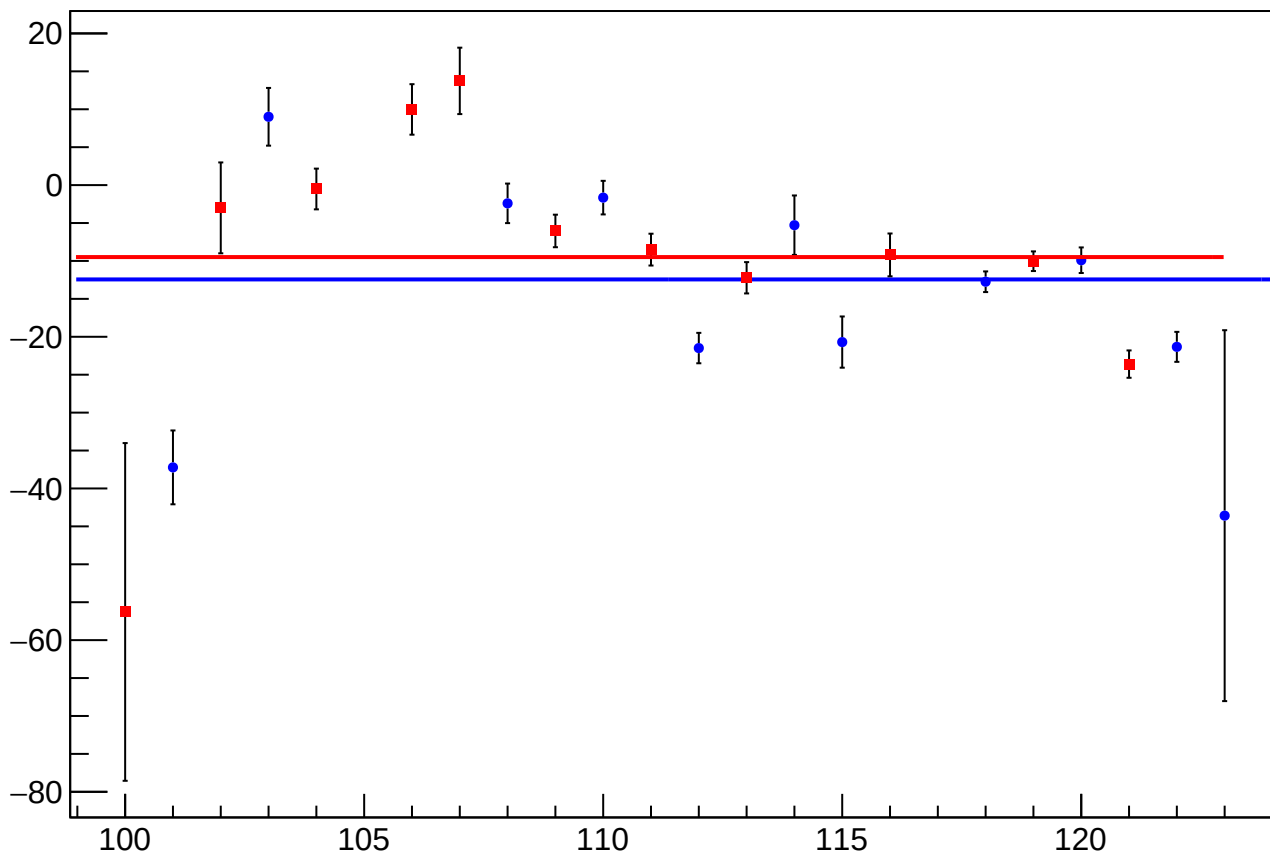
Right: -50.424+/-0.469 χ^2/NDF : 2766.4/21

In: -54.554+/-0.685 χ^2/NDF : 987.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.424+/-0.469 χ^2/NDF : 2766.4/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.438 $\pm$ 0.705 χ^2 /NDF: 150.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.489 $\pm$ 0.704 χ^2 /NDF: 145.1/10

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

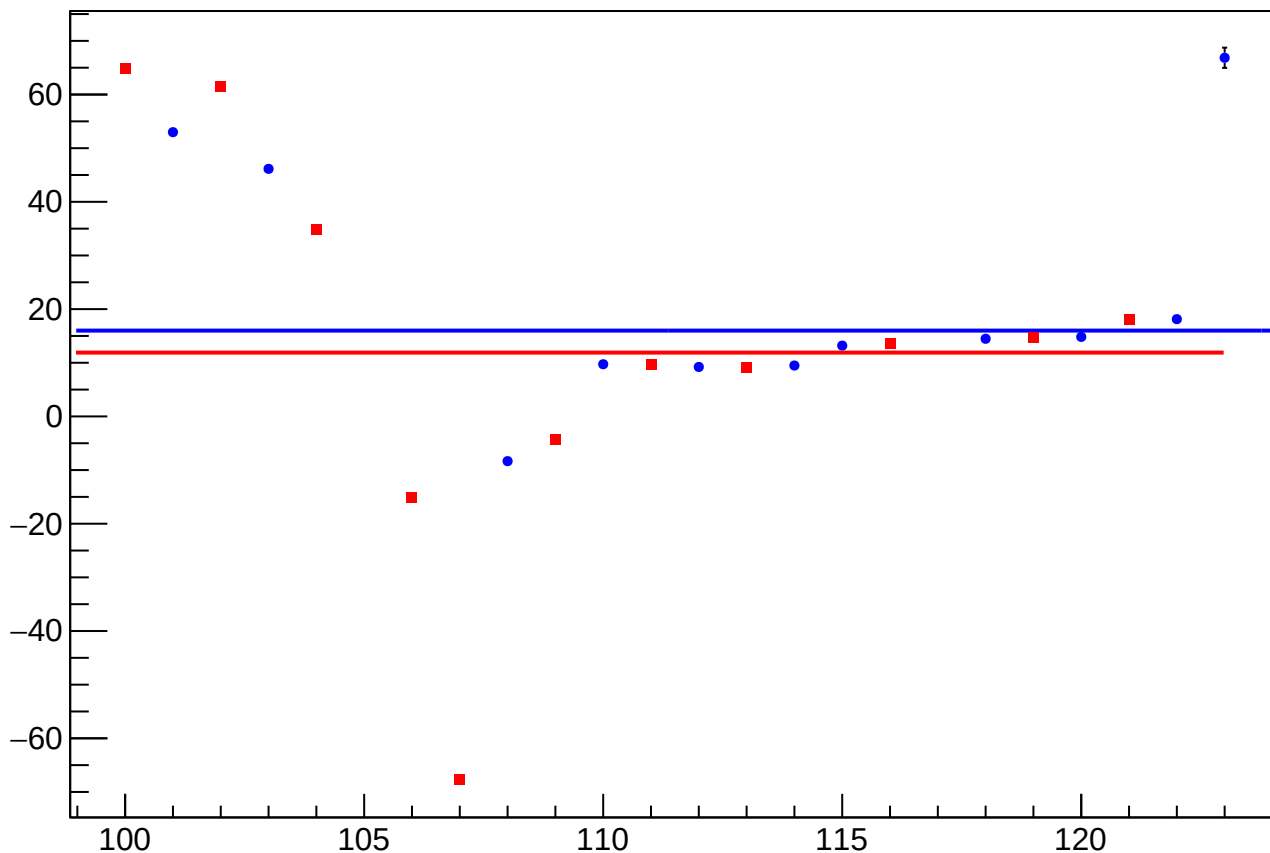
Right: -10.961 $\pm$ 0.498 χ^2 /NDF: 303.9/21

In: -12.438 $\pm$ 0.705 χ^2 /NDF:150.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.961 $\pm$ 0.498 χ^2 /NDF: 303.9/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.998+/-0.044 χ^2/NDF : 205197.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.898+/-0.043 χ^2/NDF : 344836.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

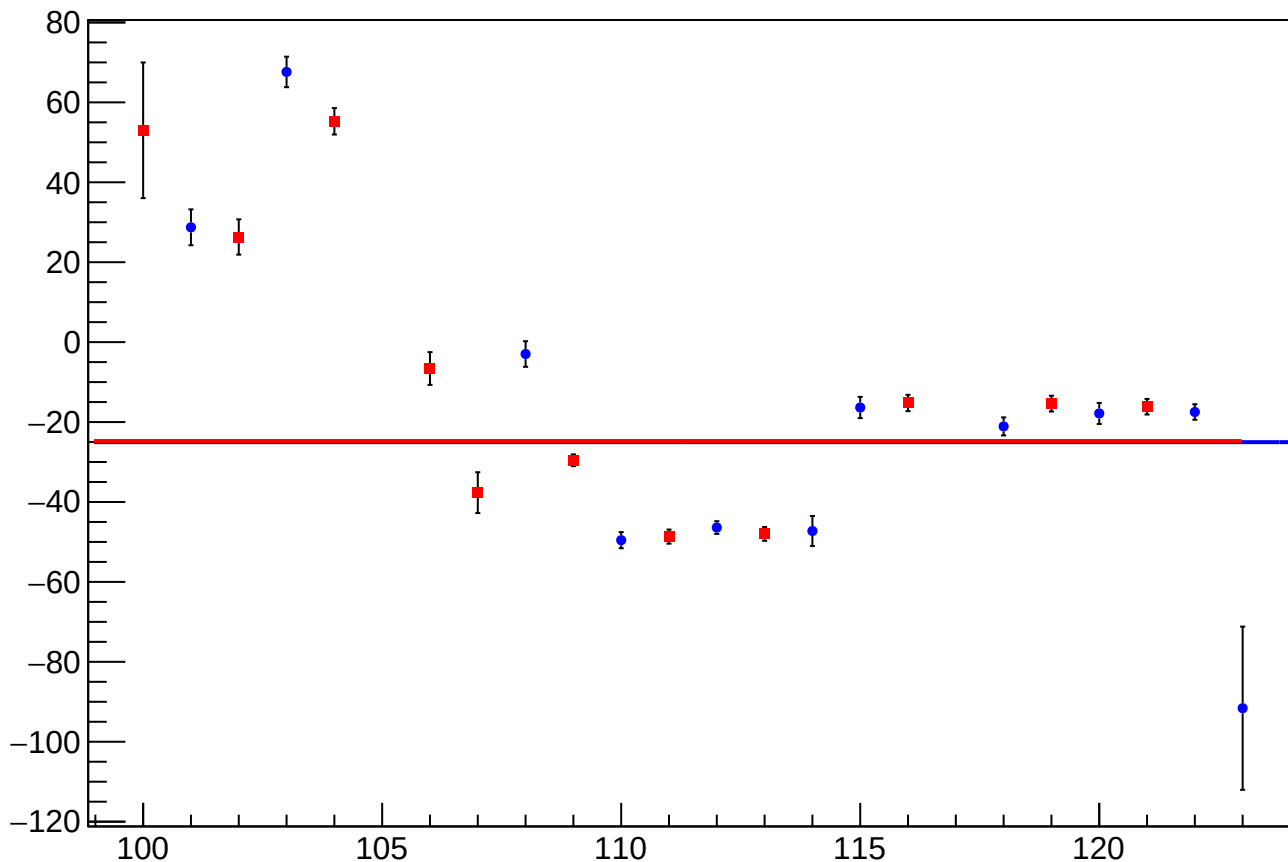
Right: 13.918+/-0.031 χ^2/NDF : 554493.5/21

In: 15.998+/-0.044 χ^2/NDF : 205197.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.918+/-0.031 χ^2/NDF : 554493.5/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.030+/-0.772 χ^2/NDF : 1189.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.751+/-0.686 χ^2/NDF : 1205.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

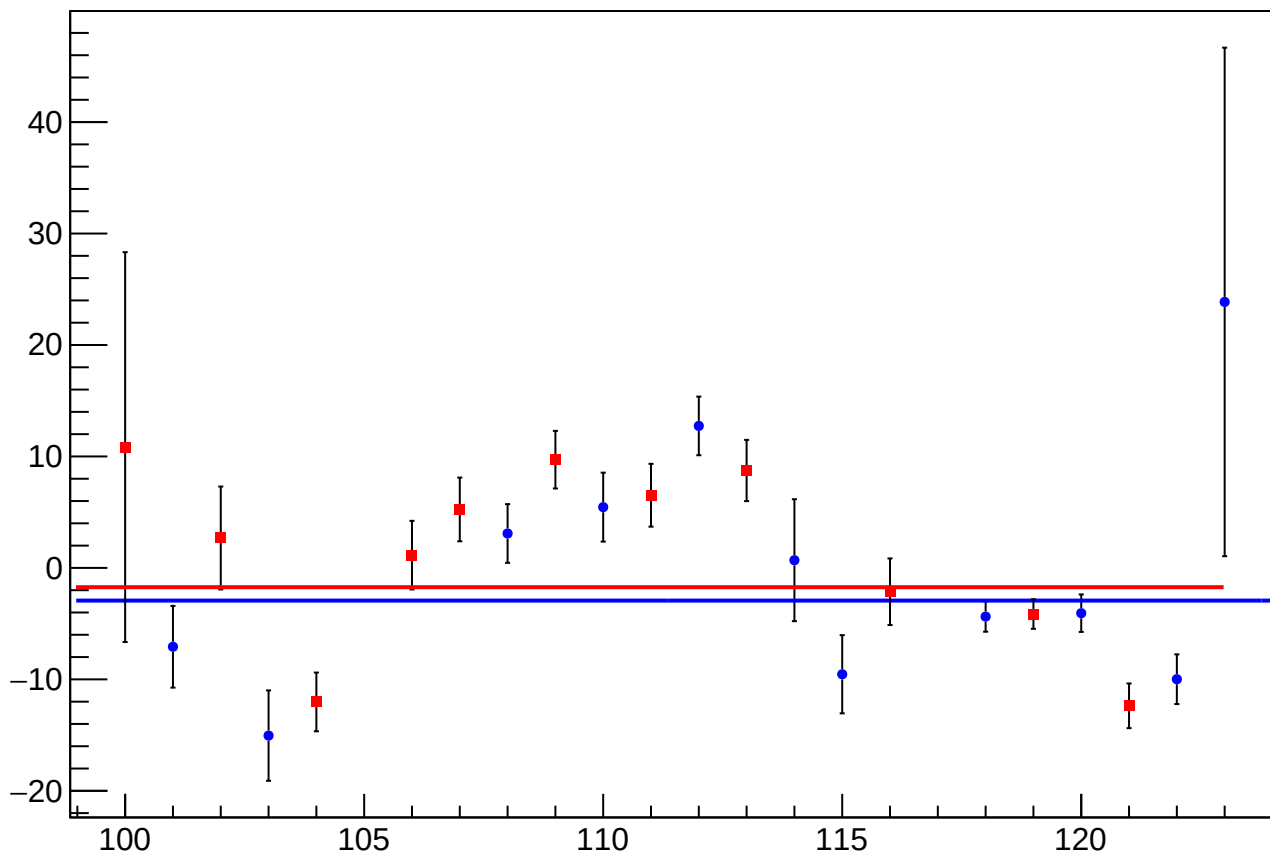
Right: -24.874+/-0.513 χ^2/NDF : 2394.5/21

In: -25.030+/-0.772 χ^2/NDF : 1189.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.874+/-0.513 χ^2/NDF : 2394.5/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.931+/-0.757 χ^2/NDF : 75.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.730+/-0.754 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

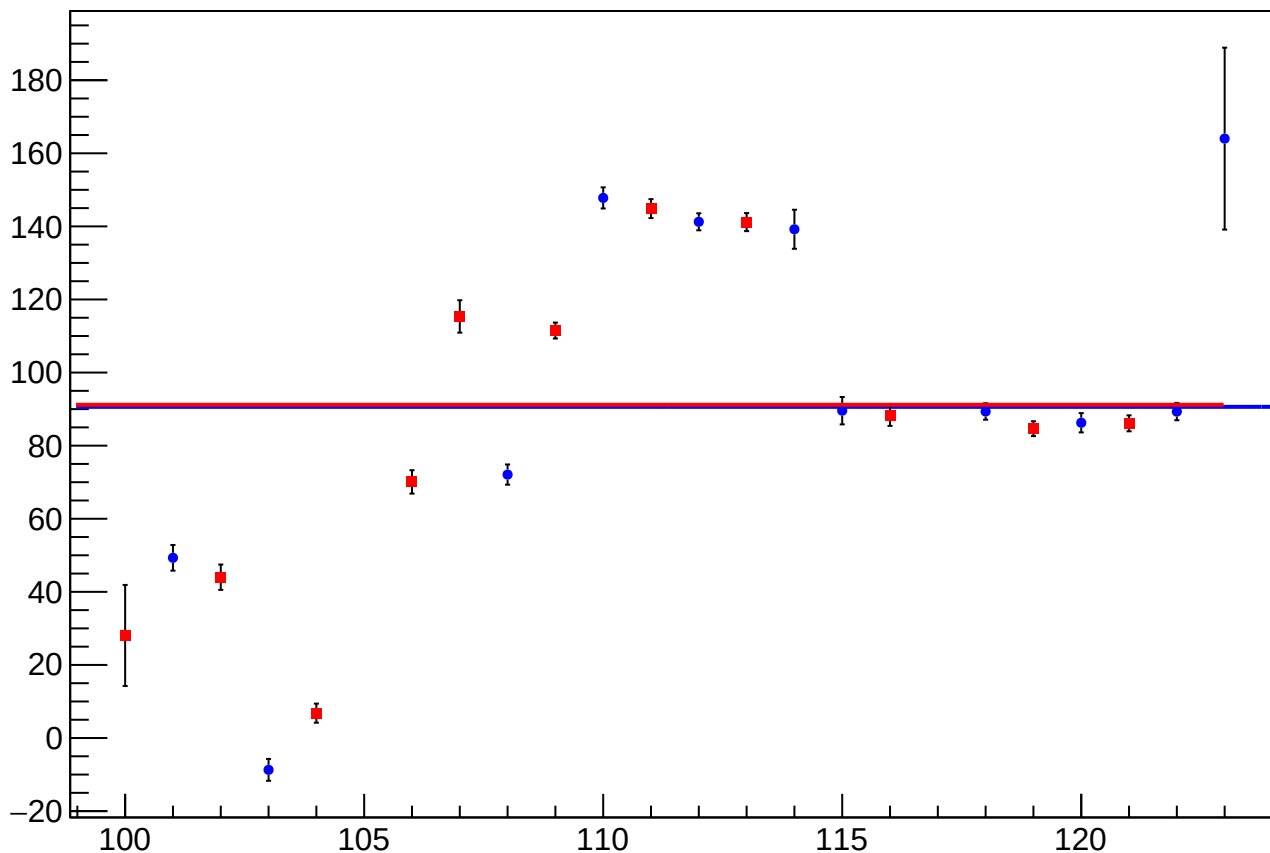
Right: -2.328+/-0.534 χ^2/NDF : 174.2/21

In: -2.931+/-0.757 χ^2/NDF : 75.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.328+/-0.534 χ^2/NDF : 174.2/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.622+/-0.893 χ^2/NDF : 2240.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.192+/-0.823 χ^2/NDF : 2266.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

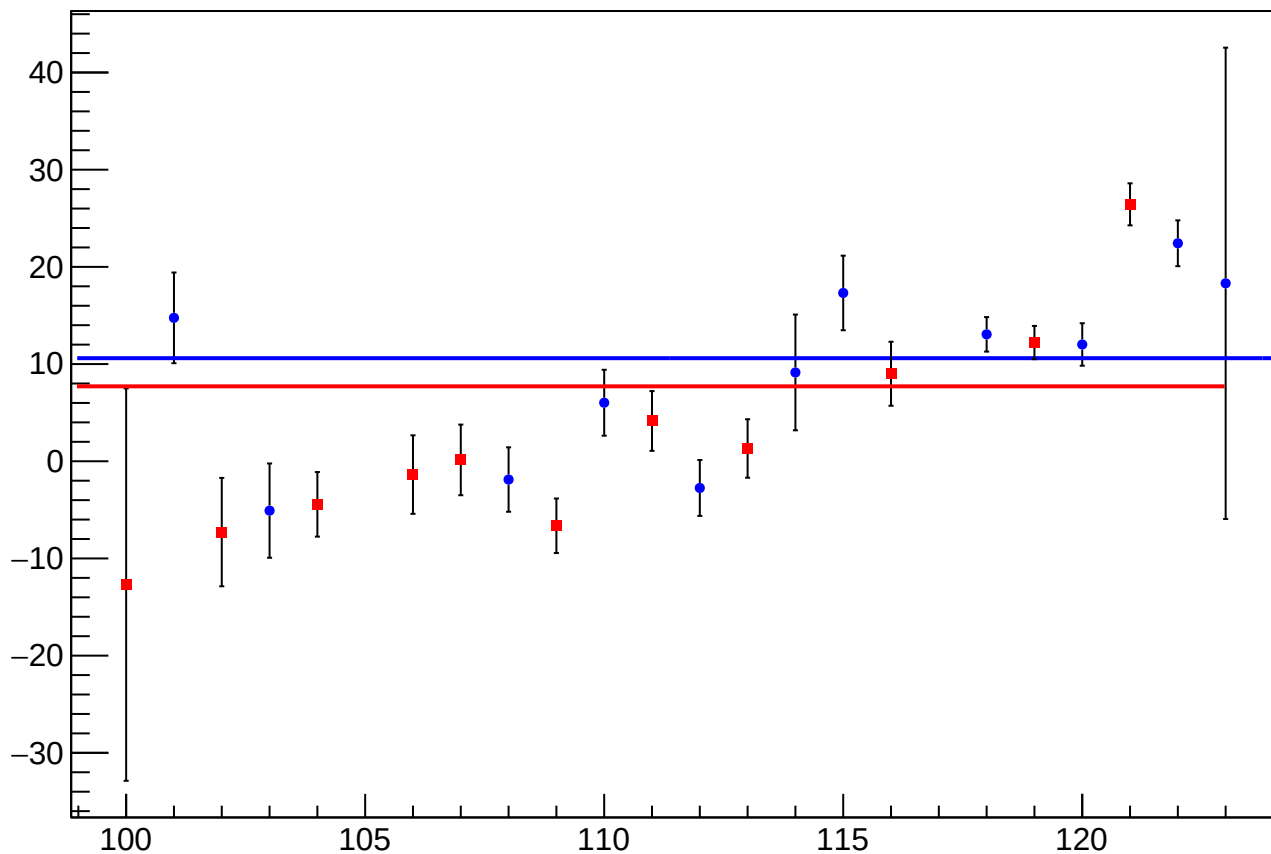
Right: 90.930+/-0.605 χ^2/NDF : 4507.8/21

In: 90.622+/-0.893 χ^2/NDF : 2240.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.930+/-0.605 χ^2/NDF : 4507.8/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.606 $\pm$ 0.916 χ^2 /NDF: 79.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.709 $\pm$ 0.893 χ^2 /NDF: 145.1/10

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

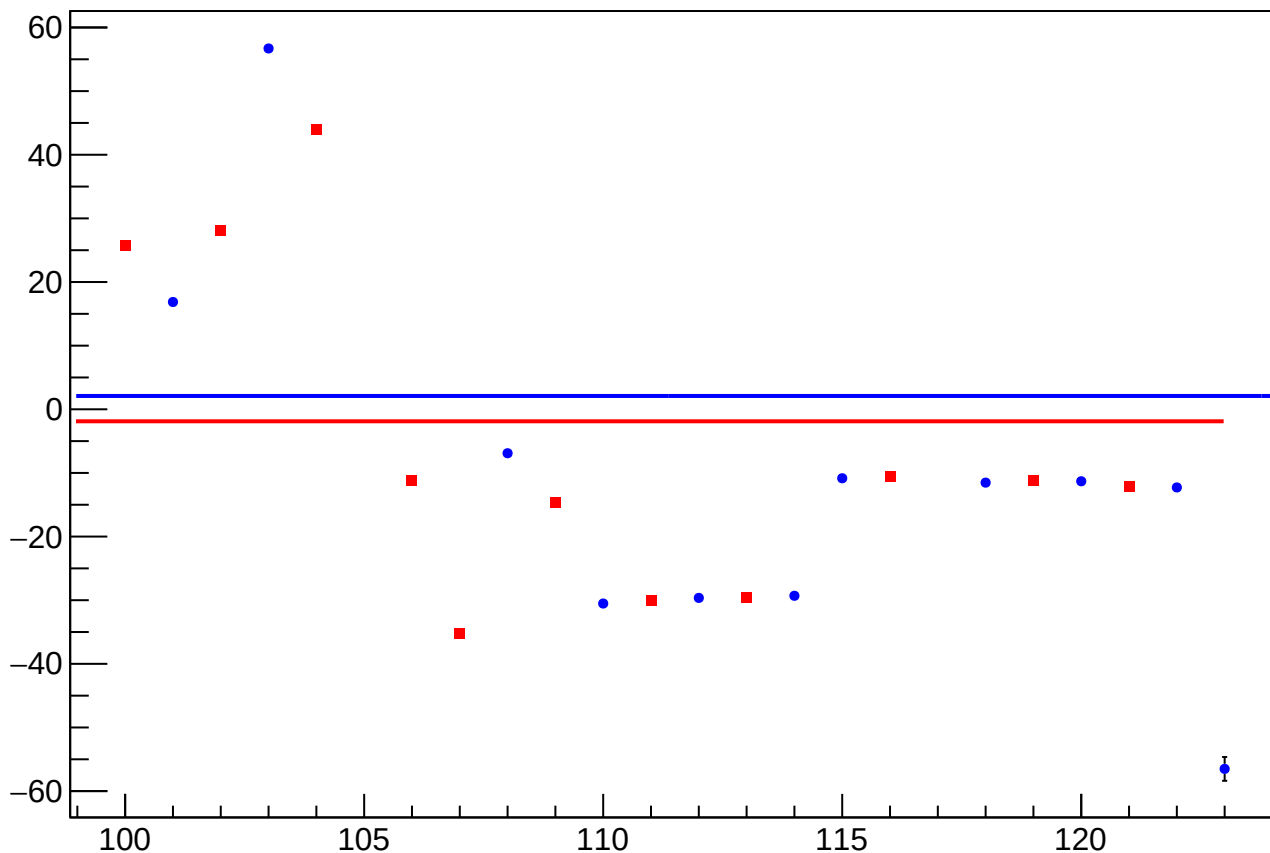
Right: 9.121 $\pm$ 0.639 χ^2 /NDF: 229.8/21

In: 10.606 $\pm$ 0.916 χ^2 /NDF: 79.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.121 $\pm$ 0.639 χ^2 /NDF: 229.8/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.094+/-0.056 χ^2/NDF : 274055.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.886+/-0.052 χ^2/NDF : 267715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

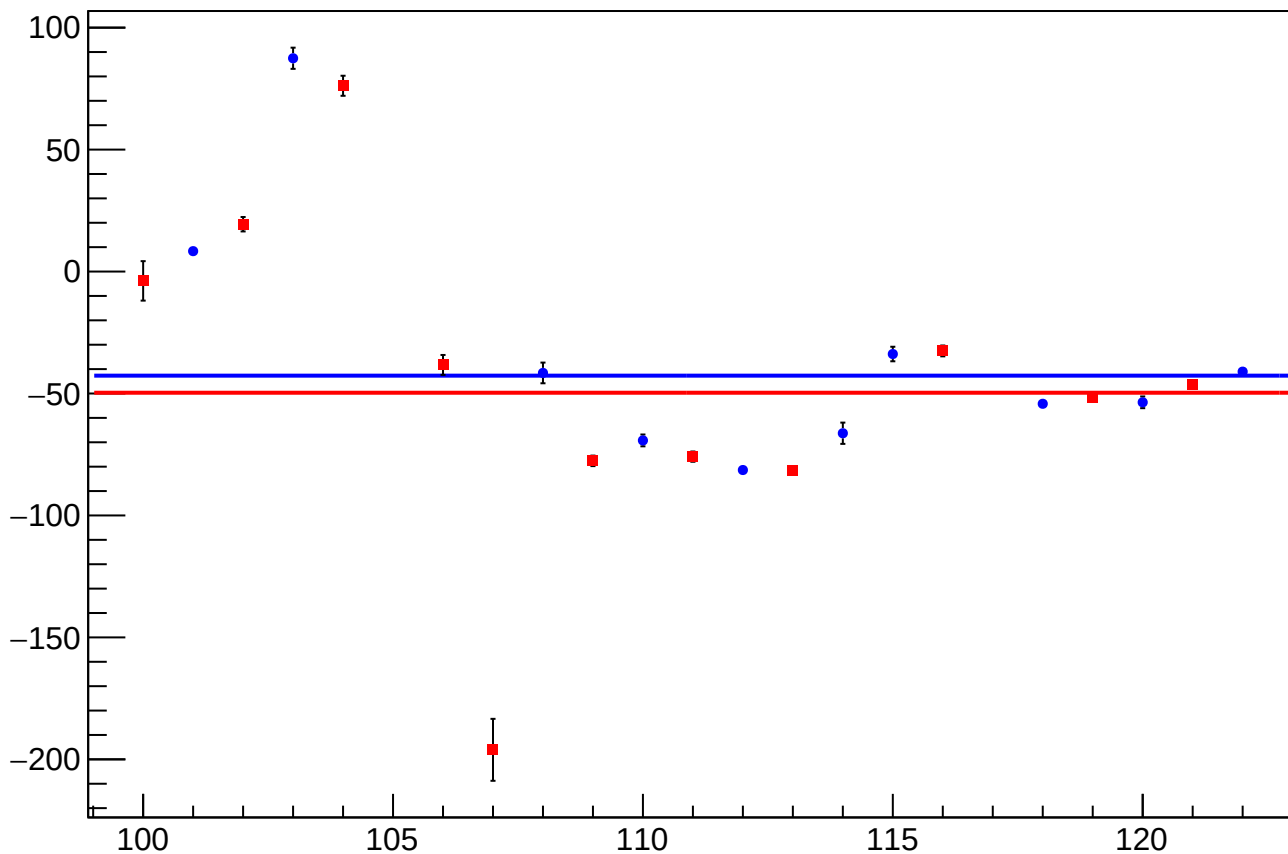
Right: -0.035+/-0.038 χ^2/NDF : 544460.8/21

In: 2.094+/-0.056 χ^2/NDF : 274055.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.035+/-0.038 χ^2/NDF : 544460.8/21

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.681 ± 0.778 χ^2/NDF : 2170.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.686 ± 0.760 χ^2/NDF : 2290.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

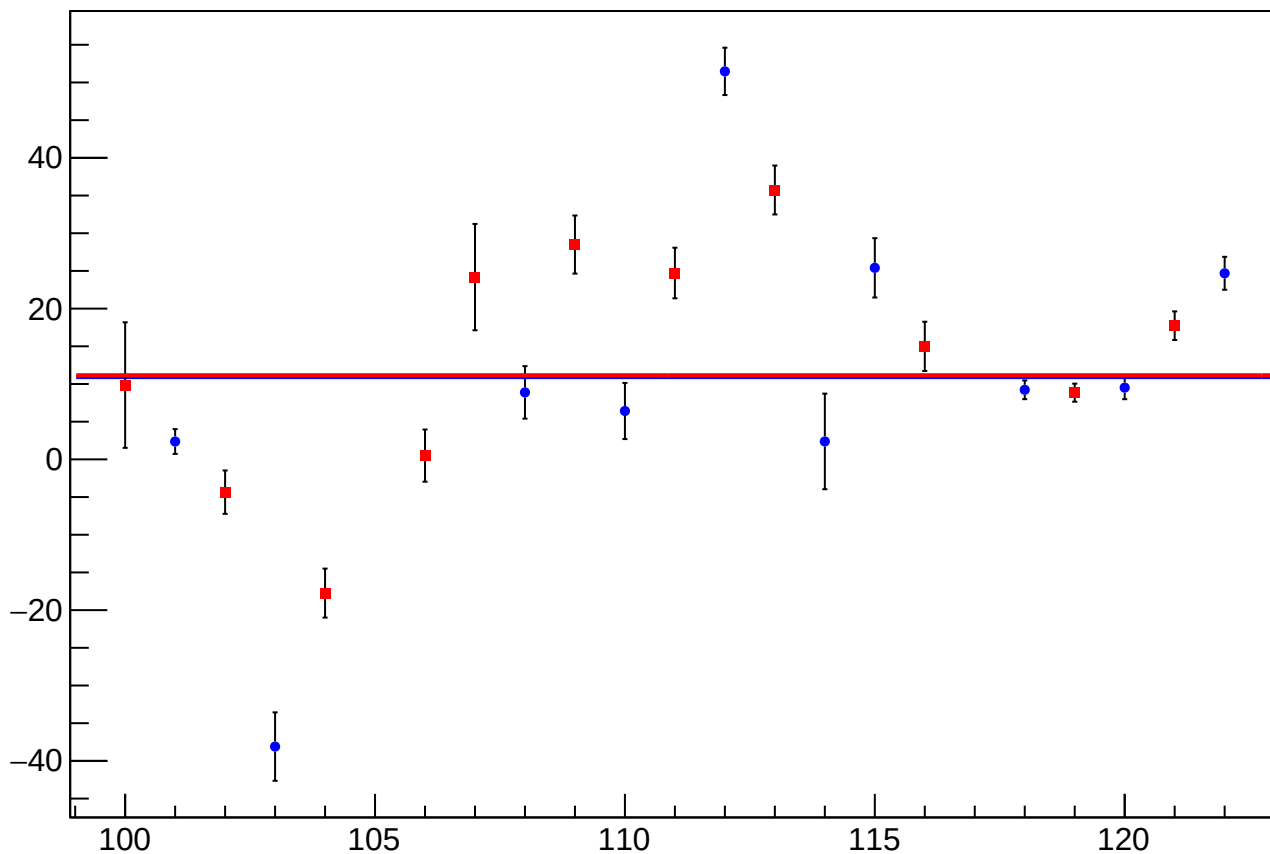
Right: -46.262 ± 0.544 χ^2/NDF : 4501.9/20

In: -42.681 ± 0.778 χ^2/NDF : 2170.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.262 ± 0.544 χ^2/NDF : 4501.9/20

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.912+/-0.699 χ^2/NDF : 369.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.166+/-0.778 χ^2/NDF : 232.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

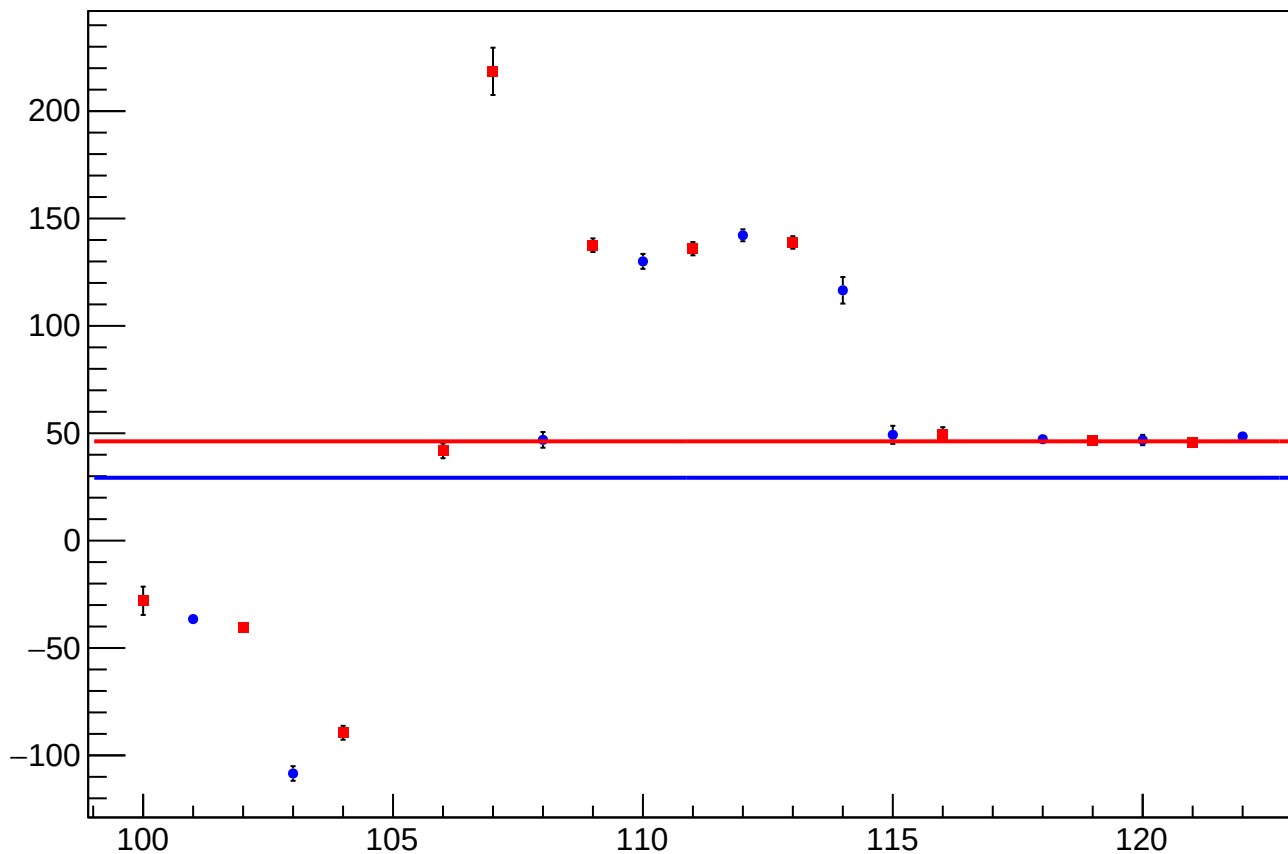
Right: 11.026+/-0.520 χ^2/NDF : 601.9/20

In: 10.912+/-0.699 χ^2/NDF : 369.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.026+/-0.520 χ^2/NDF : 601.9/20

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.276+/-0.829 χ^2/NDF : 6318.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.240+/-0.862 χ^2/NDF : 6211.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

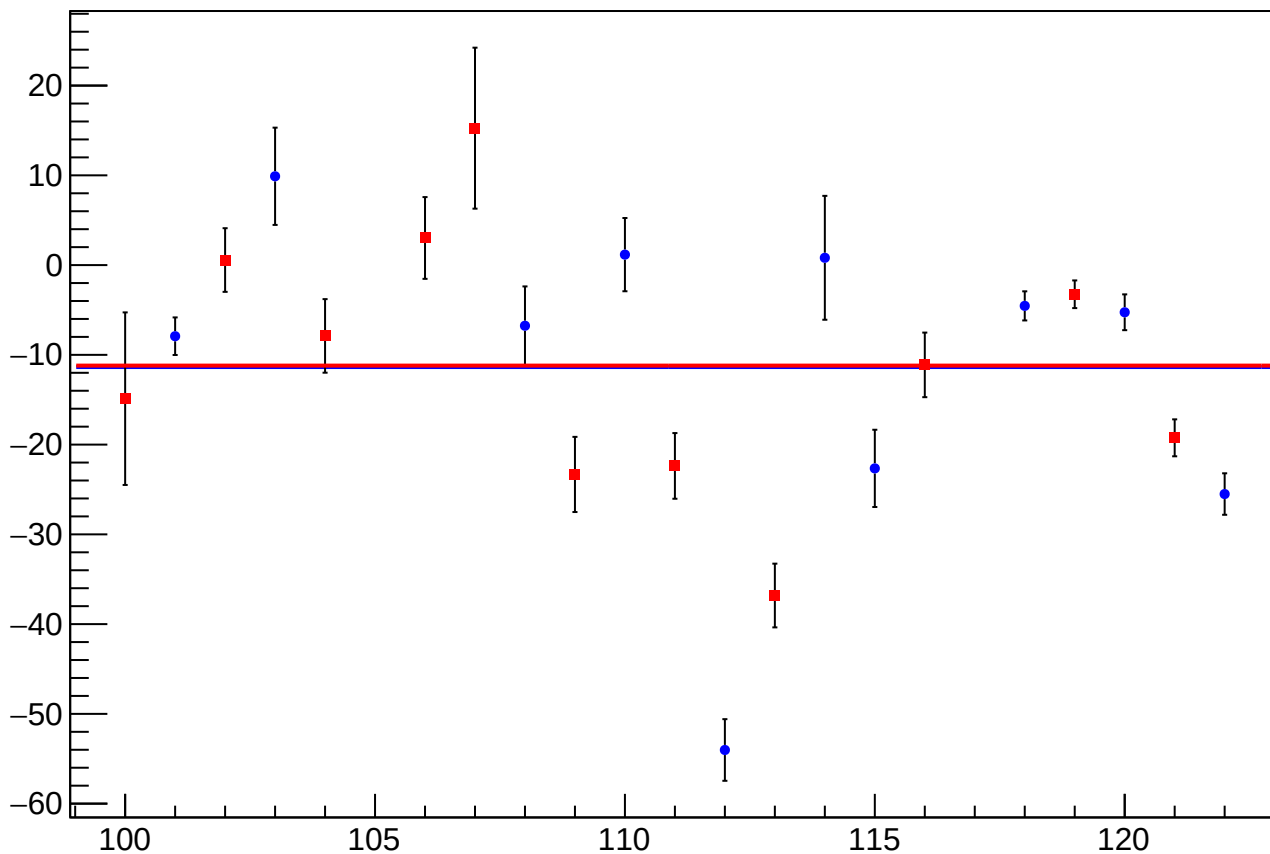
Right: 37.430+/-0.597 χ^2/NDF : 12731.4/20

In: 29.276+/-0.829 χ^2/NDF : 6318.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.430+/-0.597 χ^2/NDF : 12731.4/20

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.357 $\pm$ 0.860 χ^2 /NDF: 257.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.199 $\pm$ 0.930 χ^2 /NDF: 141.9/10

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

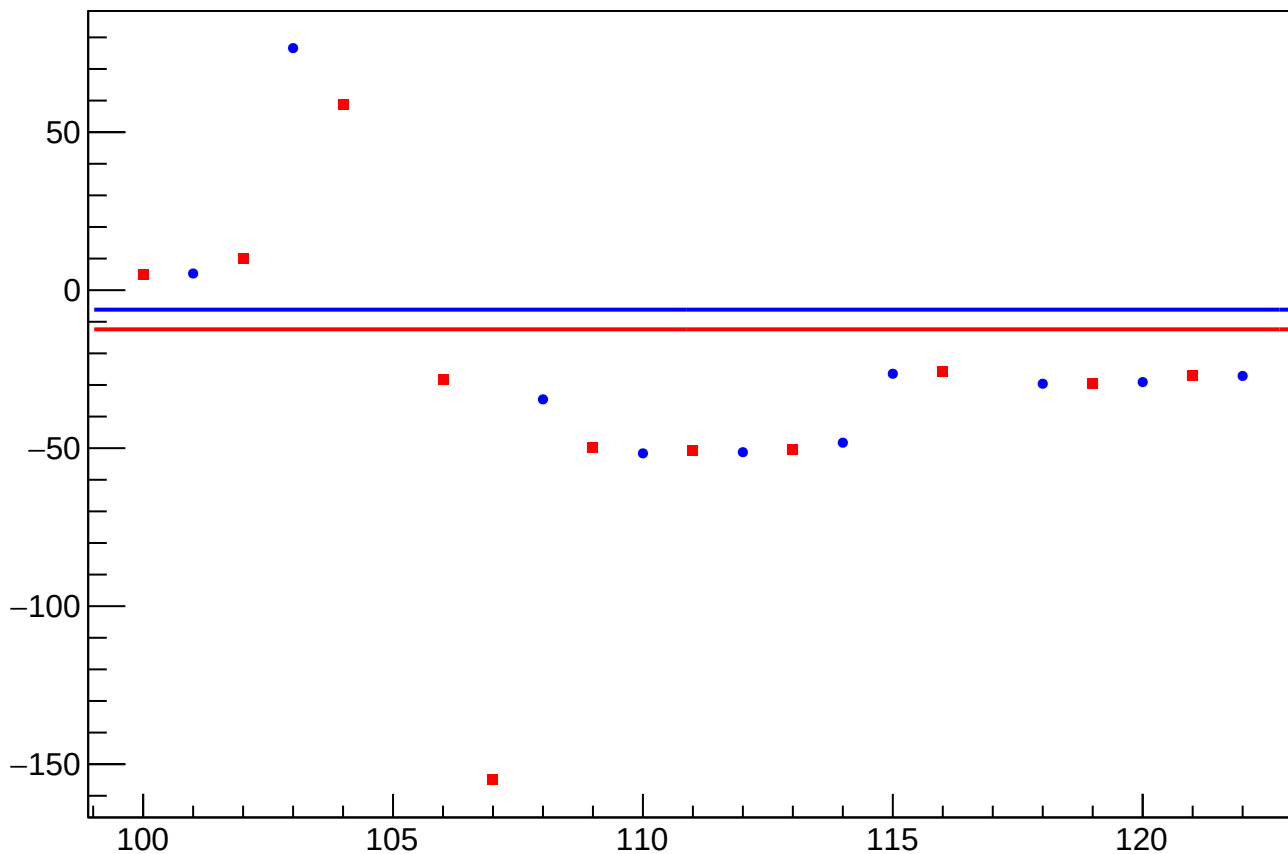
Right: -11.284 $\pm$ 0.631 χ^2 /NDF: 399.4/20

In: -11.357 $\pm$ 0.860 χ^2 /NDF:257.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.284 $\pm$ 0.631 χ^2 /NDF: 399.4/20

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.164+/-0.053 χ^2/NDF : 518278.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.399+/-0.054 χ^2/NDF : 475110.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

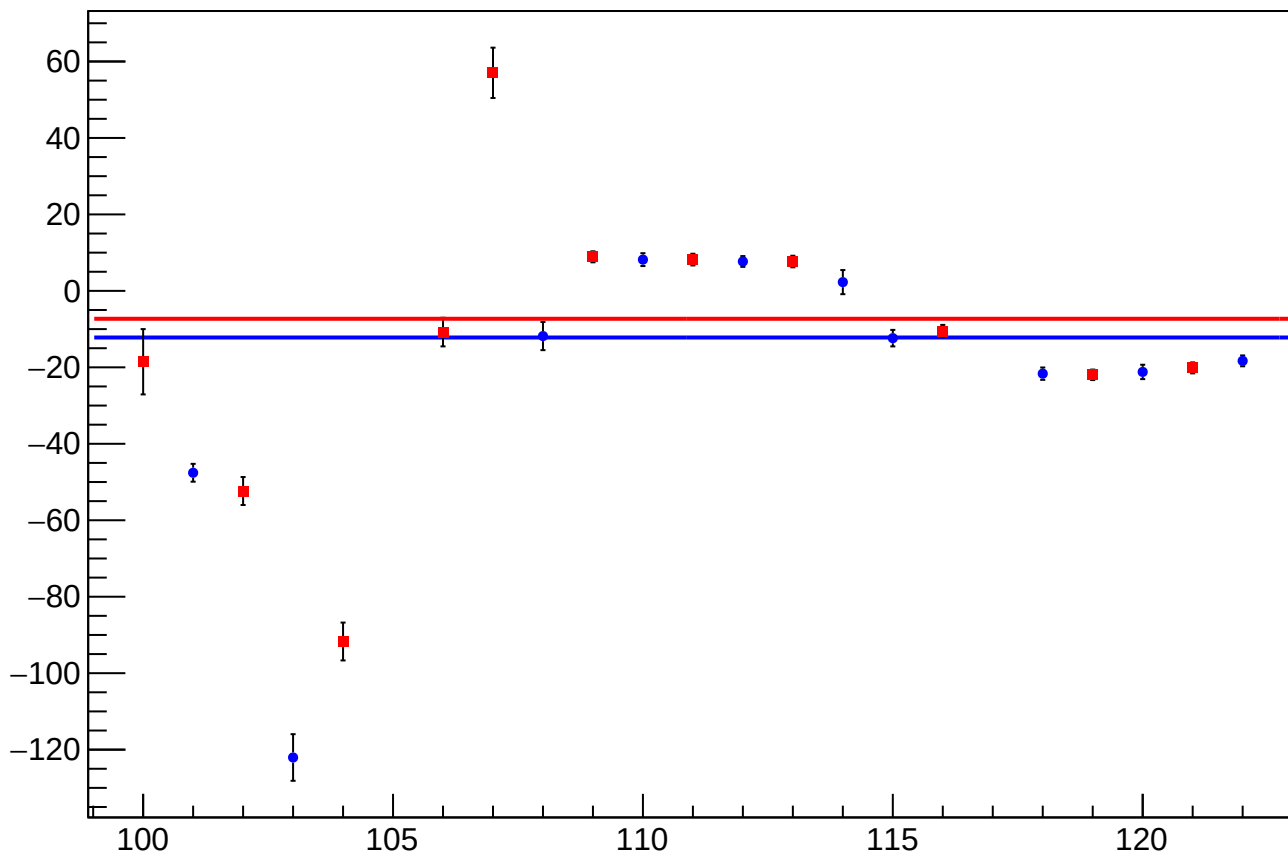
Right: -9.238+/-0.038 χ^2/NDF : 1000193.8/20

In: -6.164+/-0.053 χ^2/NDF : 518278.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.238+/-0.038 χ^2/NDF : 1000193.8/20

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.197 $\pm$ 0.618 χ^2 /NDF: 997.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.297 $\pm$ 0.579 χ^2 /NDF: 1066.4/10

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

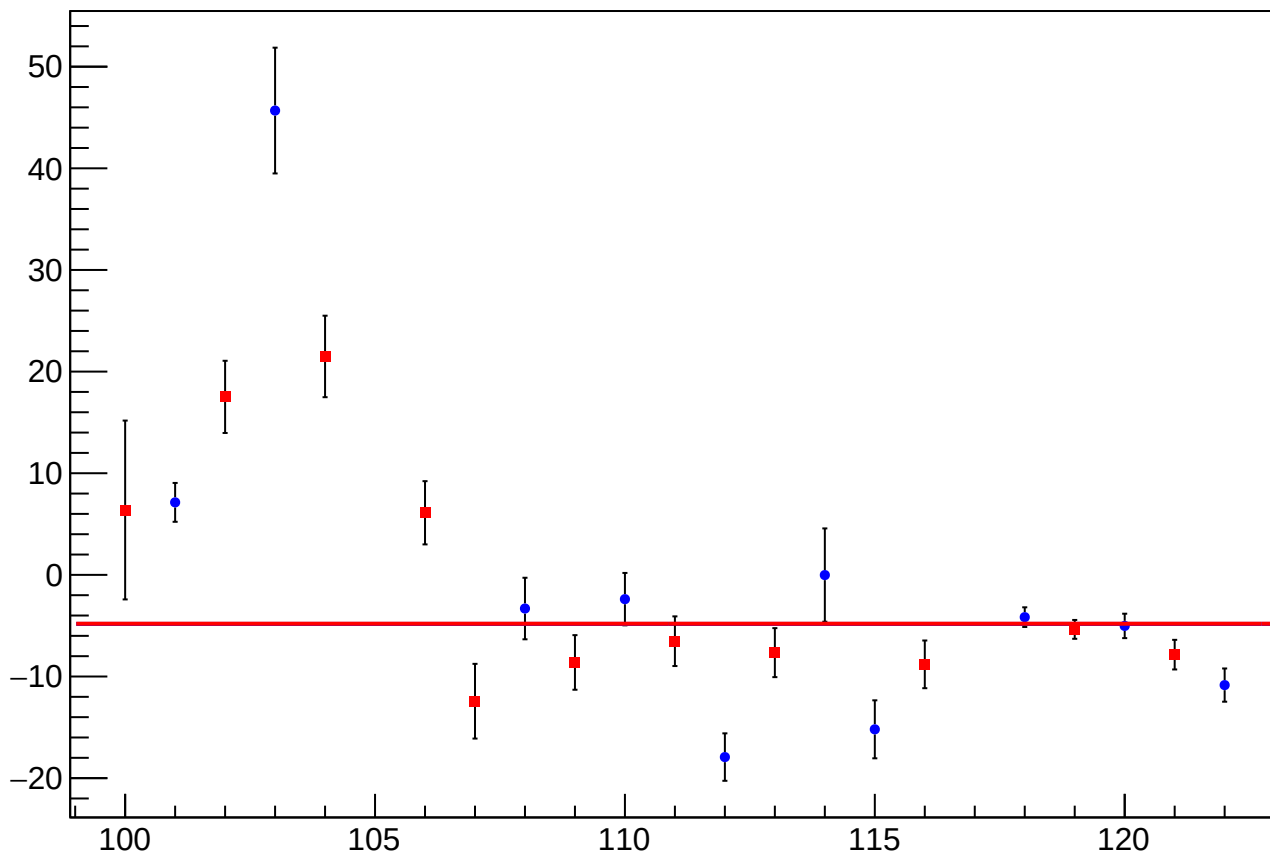
Right: -9.589 $\pm$ 0.423 χ^2 /NDF: 2097.0/20

In: -12.197 $\pm$ 0.618 χ^2 /NDF:997.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.589 $\pm$ 0.423 χ^2 /NDF: 2097.0/20

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.826+/-0.573 χ^2 /NDF: 166.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.806+/-0.617 χ^2 /NDF: 112.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

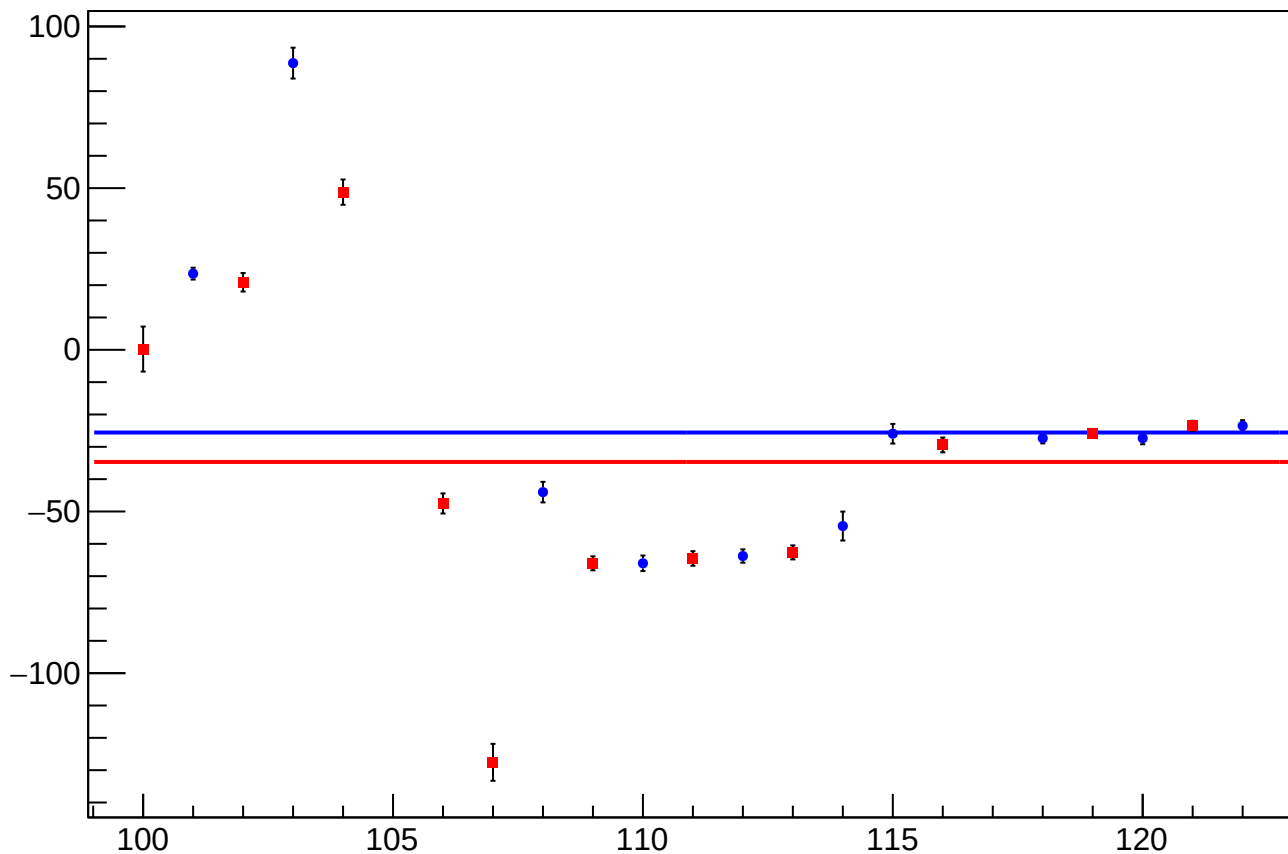
Right: -4.817+/-0.420 χ^2 /NDF: 279.1/20

In: -4.826+/-0.573 χ^2 /NDF:166.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.817+/-0.420 χ^2 /NDF: 279.1/20

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.577 $\pm$ 0.706 χ^2 /NDF: 1998.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.678 $\pm$ 0.698 χ^2 /NDF: 1786.4/10

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

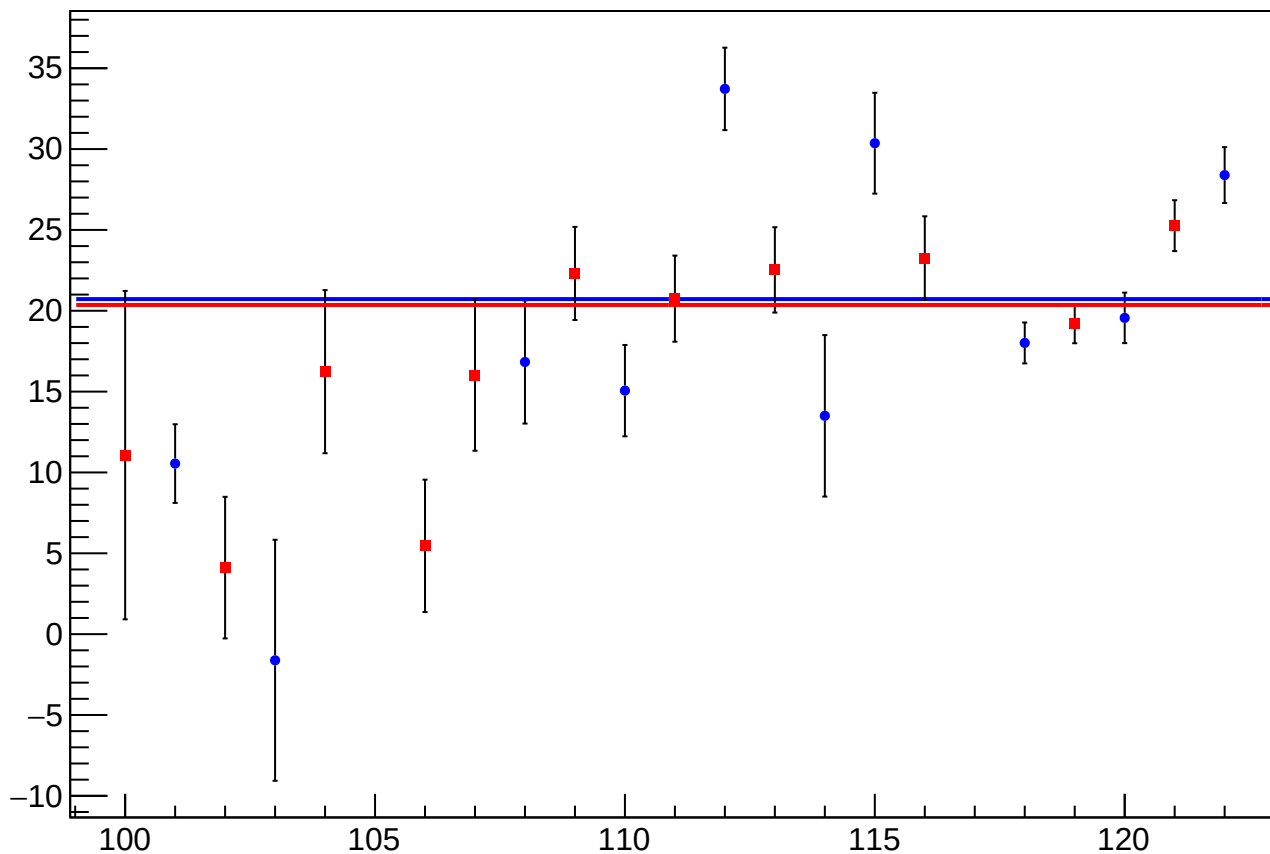
Right: -30.178 $\pm$ 0.496 χ^2 /NDF: 3869.1/20

In: -25.577 $\pm$ 0.706 χ^2 /NDF:1998.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.178 $\pm$ 0.496 χ^2 /NDF: 3869.1/20

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.722 $\pm$ 0.699 χ^2 /NDF: 94.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.359 $\pm$ 0.732 χ^2 /NDF: 42.5/10

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

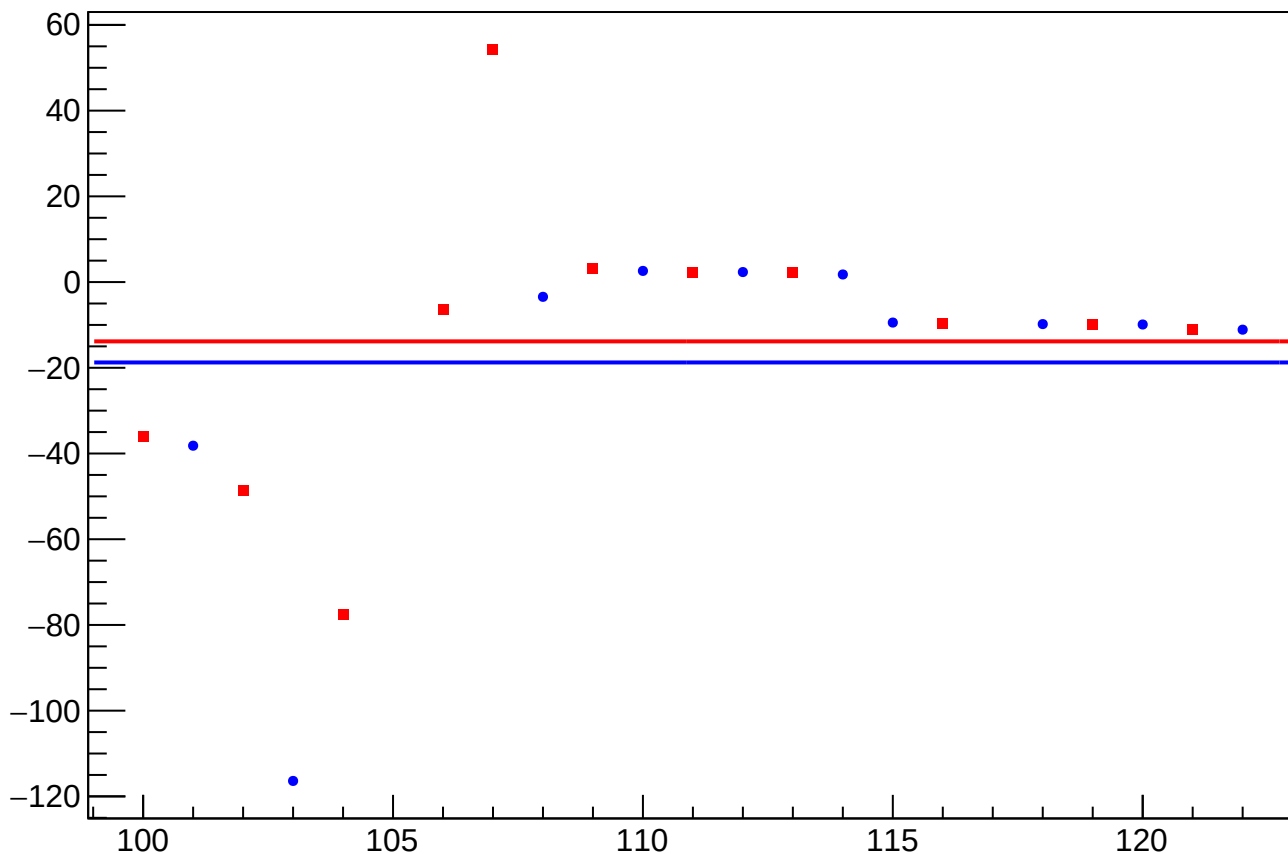
Right: 20.549 $\pm$ 0.505 χ^2 /NDF: 136.6/20

In: 20.722 $\pm$ 0.699 χ^2 /NDF:94.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.549 $\pm$ 0.505 χ^2 /NDF: 136.6/20

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.756 ± 0.048 $\chi^2/\text{NDF}: 323491.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.835 ± 0.048 $\chi^2/\text{NDF}: 309959.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

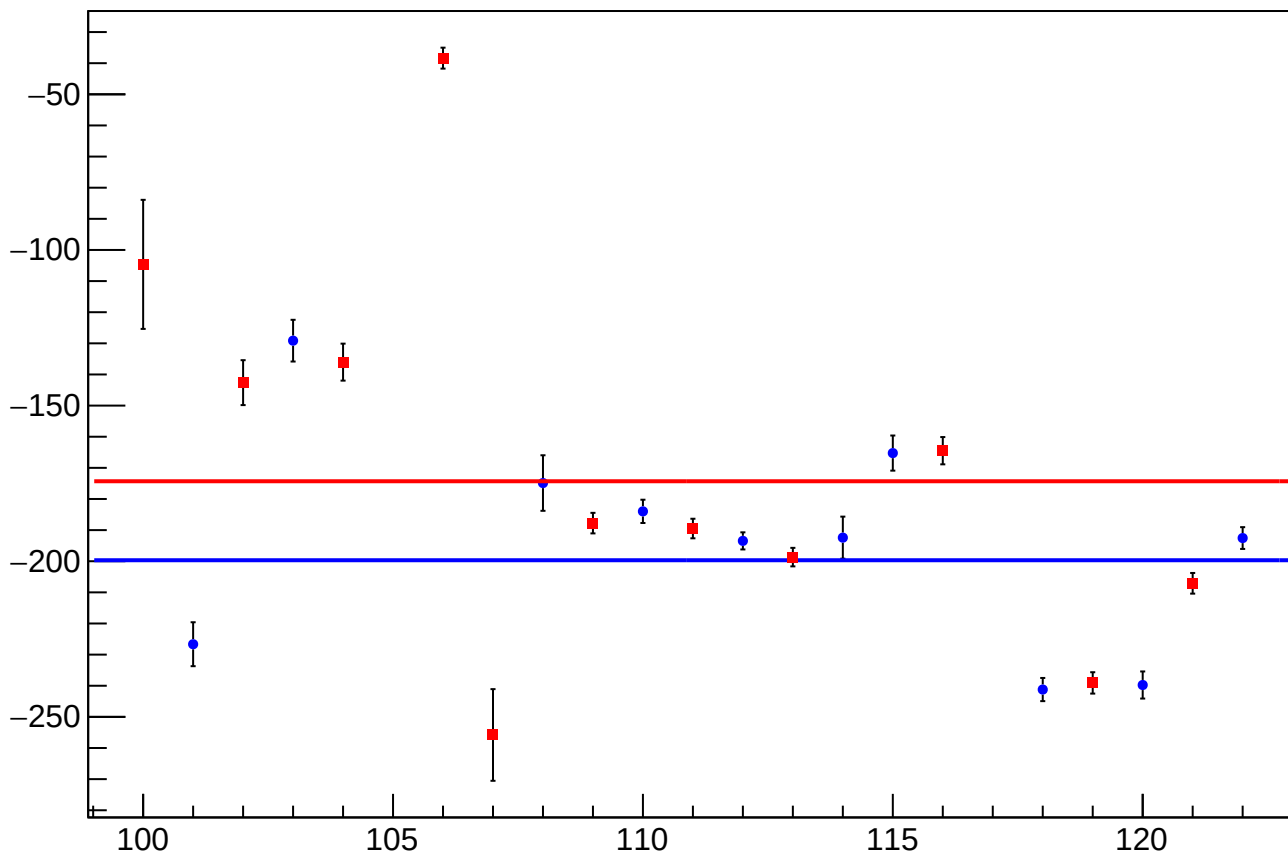
Right: -16.249 ± 0.034 $\chi^2/\text{NDF}: 638702.1/20$

In: -18.756 ± 0.048 $\chi^2/\text{NDF}: 323491.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.249 ± 0.034 $\chi^2/\text{NDF}: 638702.1/20$

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -199.680+/-1.388 χ^2/NDF : 407.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -174.305+/-1.216 χ^2/NDF : 2301.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

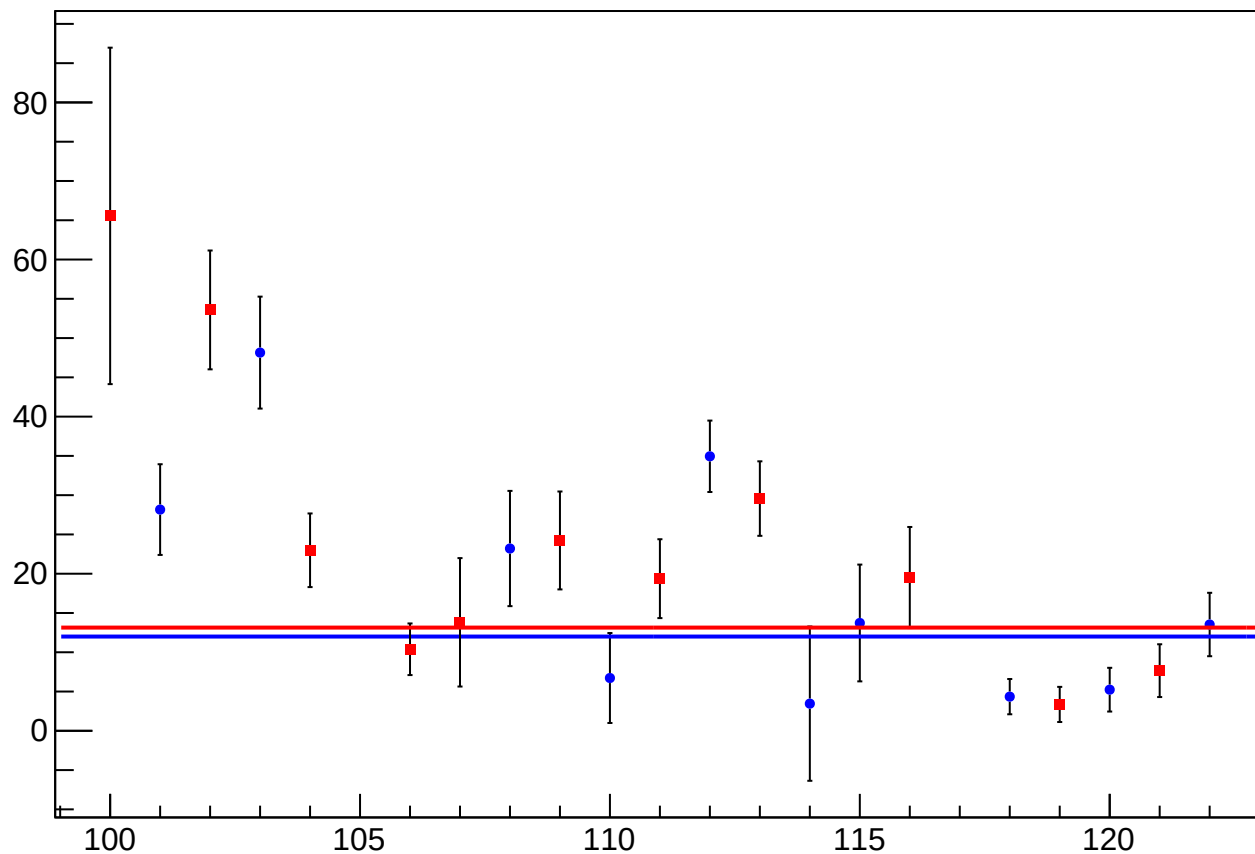
Right: -185.316+/-0.915 χ^2/NDF : 2898.0/20

In: -199.680+/-1.388 χ^2/NDF :407.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -185.316+/-0.915 χ^2/NDF : 2898.0/20

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.000 $\pm$ 1.331 χ^2/NDF : 80.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 13.141 $\pm$ 1.296 χ^2/NDF : 79.2/10

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

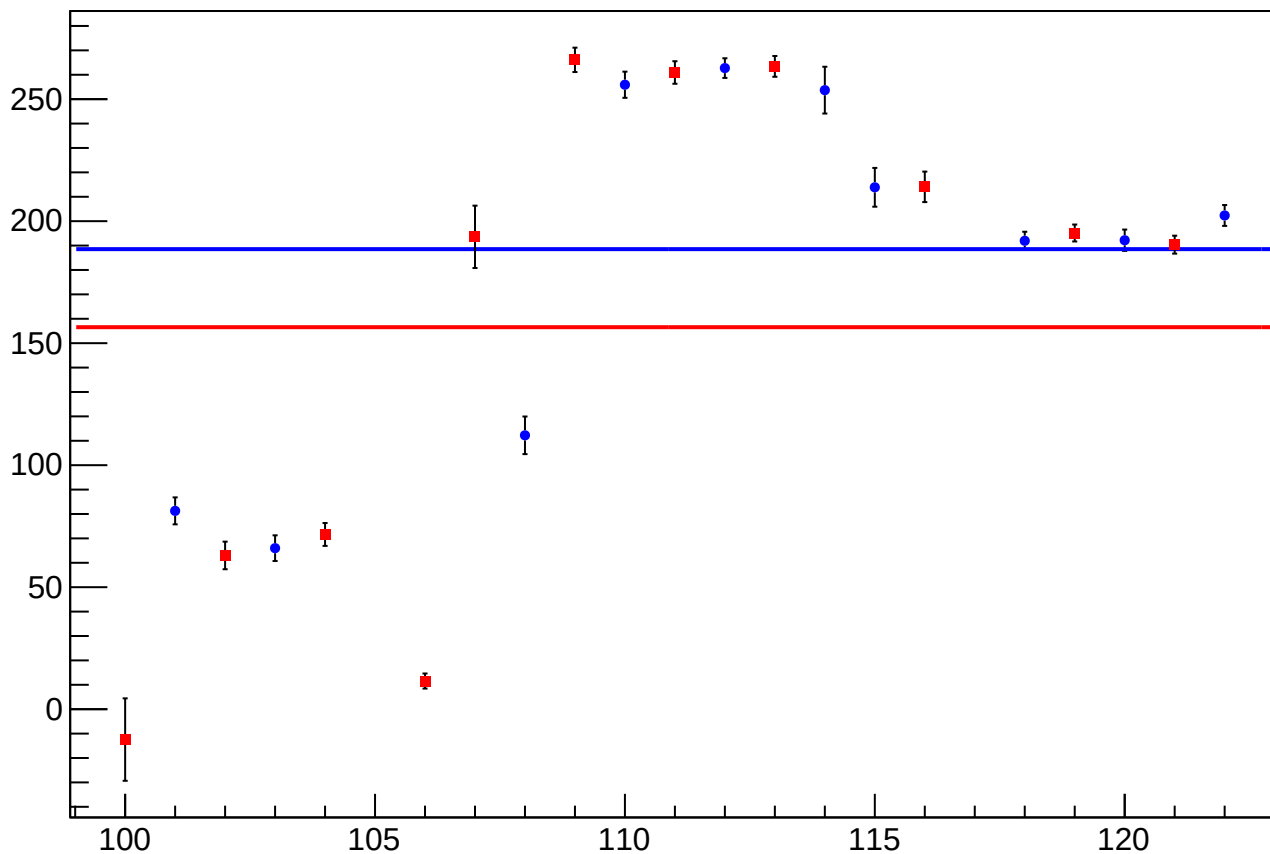
Right: 12.586 $\pm$ 0.929 χ^2/NDF : 160.2/20

In: 12.000 $\pm$ 1.331 χ^2/NDF : 80.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 12.586 $\pm$ 0.929 χ^2/NDF : 160.2/20

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.537 $\pm$ 1.604 χ^2 /NDF: 1584.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.550 $\pm$ 1.392 χ^2 /NDF: 4831.3/10

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

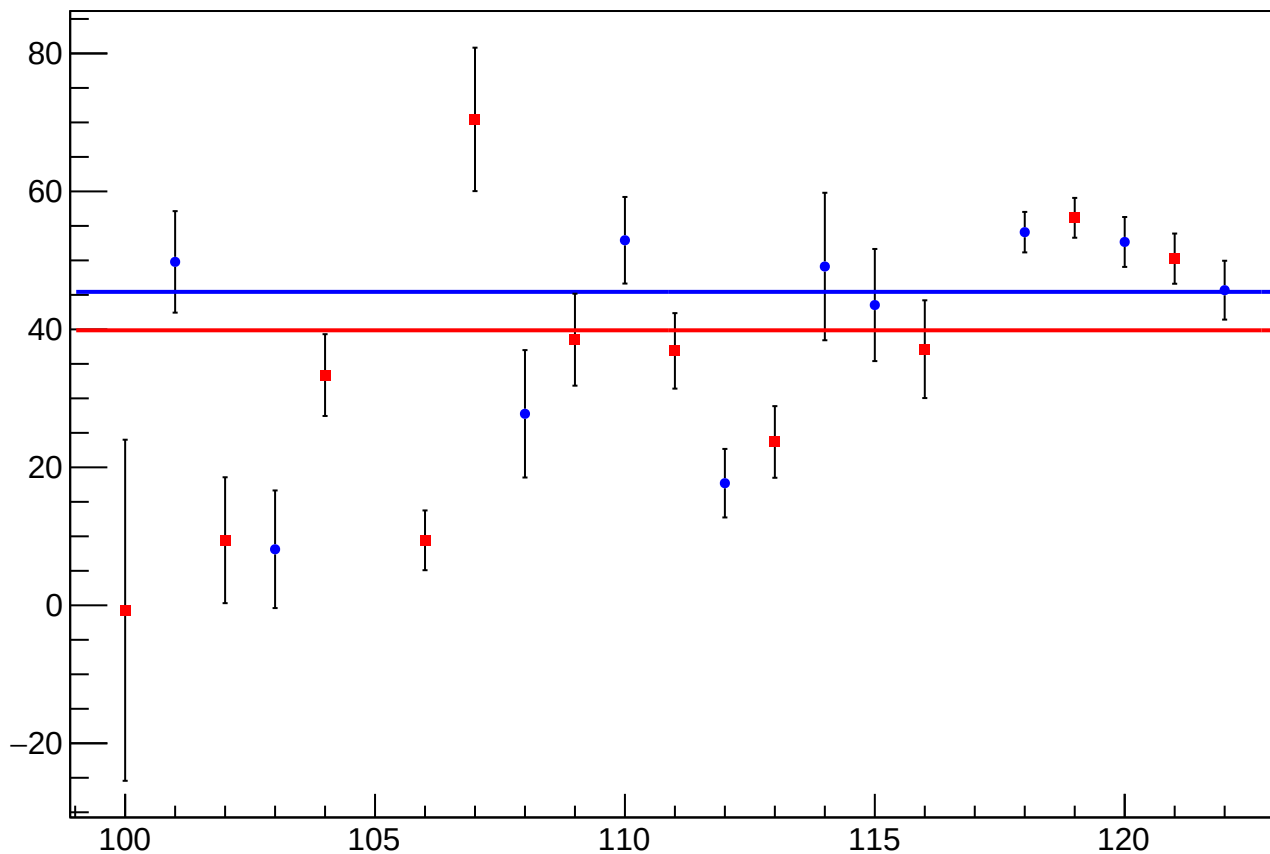
Right: 170.293 $\pm$ 1.051 χ^2 /NDF: 6642.5/20

In: 188.537 $\pm$ 1.604 χ^2 /NDF:1584.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 170.293 $\pm$ 1.051 χ^2 /NDF: 6642.5/20

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.439+/-1.619 χ^2/NDF : 68.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.866+/-1.556 χ^2/NDF : 123.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

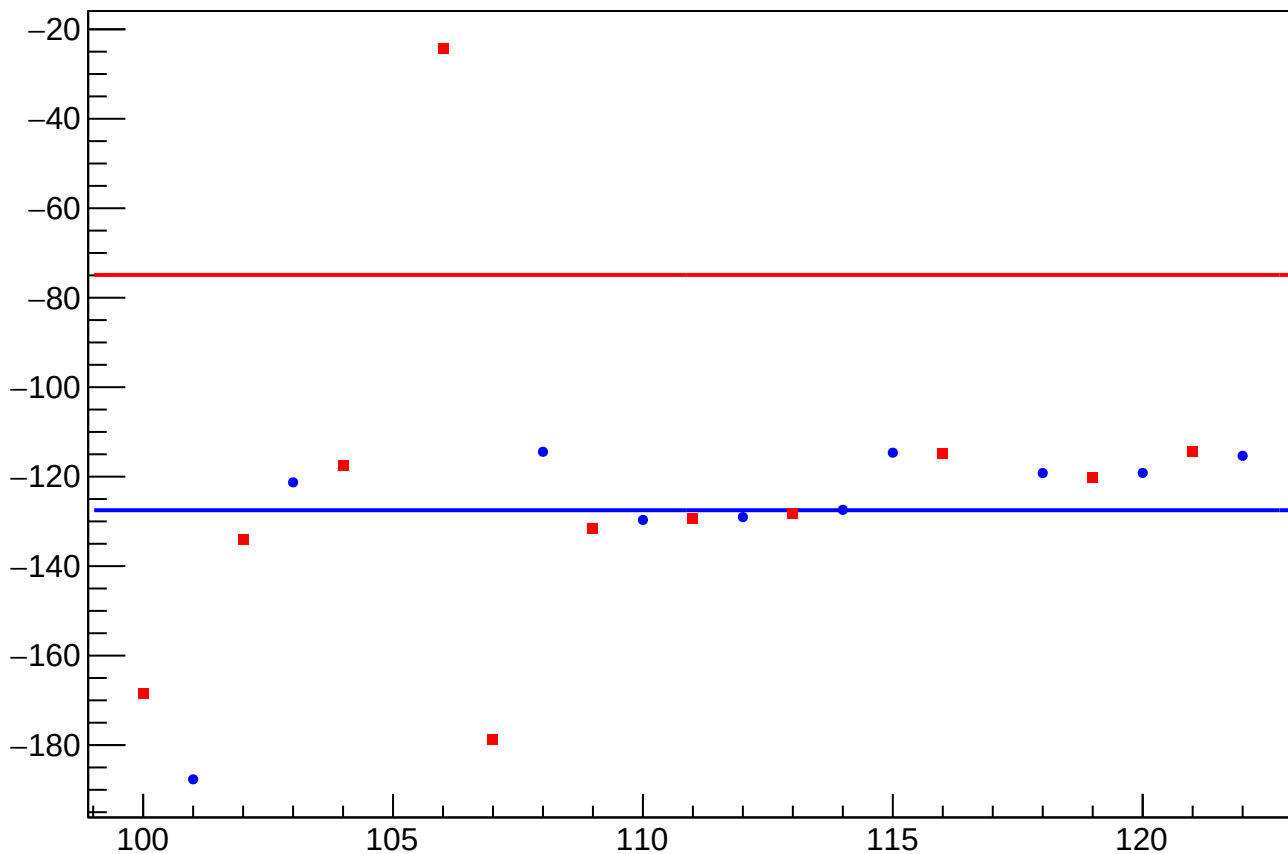
Right: 42.541+/-1.122 χ^2/NDF : 198.1/20

In: 45.439+/-1.619 χ^2/NDF : 68.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.541+/-1.122 χ^2/NDF : 198.1/20

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.502+/-0.106 χ^2/NDF : 39054.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -74.905+/-0.073 χ^2/NDF : 516195.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

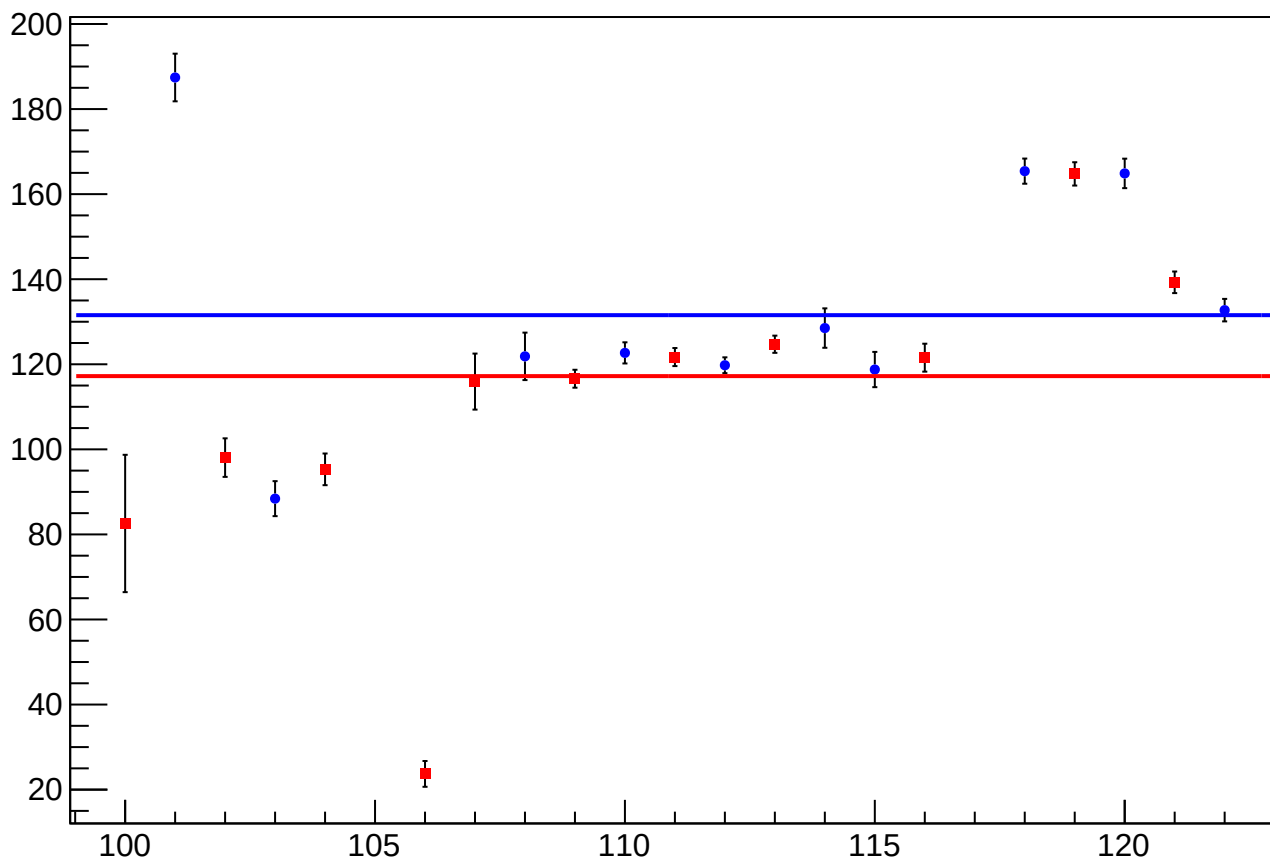
Right: -91.727+/-0.060 χ^2/NDF : 723259.6/20

In: -127.502+/-0.106 χ^2/NDF :39054.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -91.727+/-0.060 χ^2/NDF : 723259.6/20

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 131.547 $\pm$ 0.990 χ^2 /NDF: 499.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.217 $\pm$ 0.867 χ^2 /NDF: 1404.8/10

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

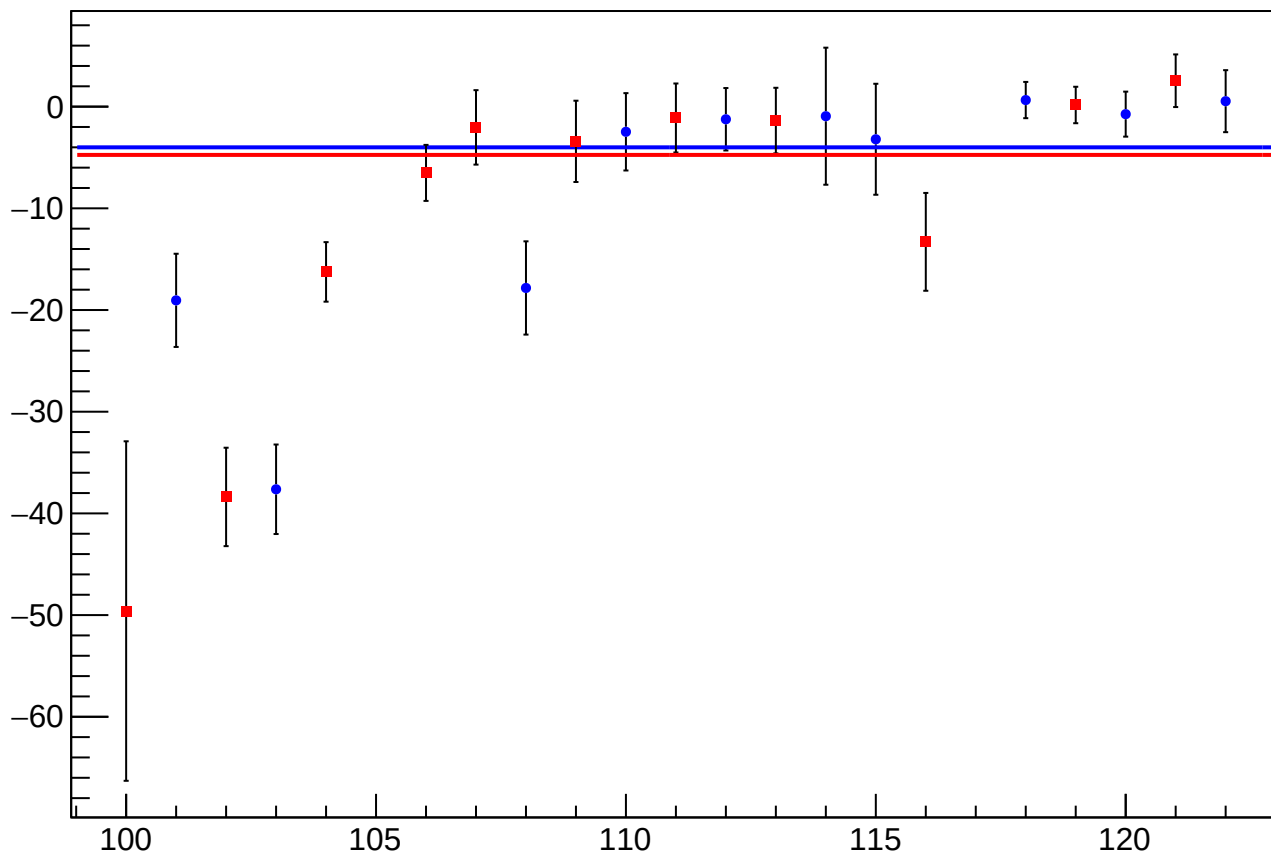
Right: 123.440 $\pm$ 0.652 χ^2 /NDF: 2022.5/20

In: 131.547 $\pm$ 0.990 χ^2 /NDF:499.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.440 $\pm$ 0.652 χ^2 /NDF: 2022.5/20

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.002 ± 0.998 χ^2/NDF : 90.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.747 ± 0.945 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

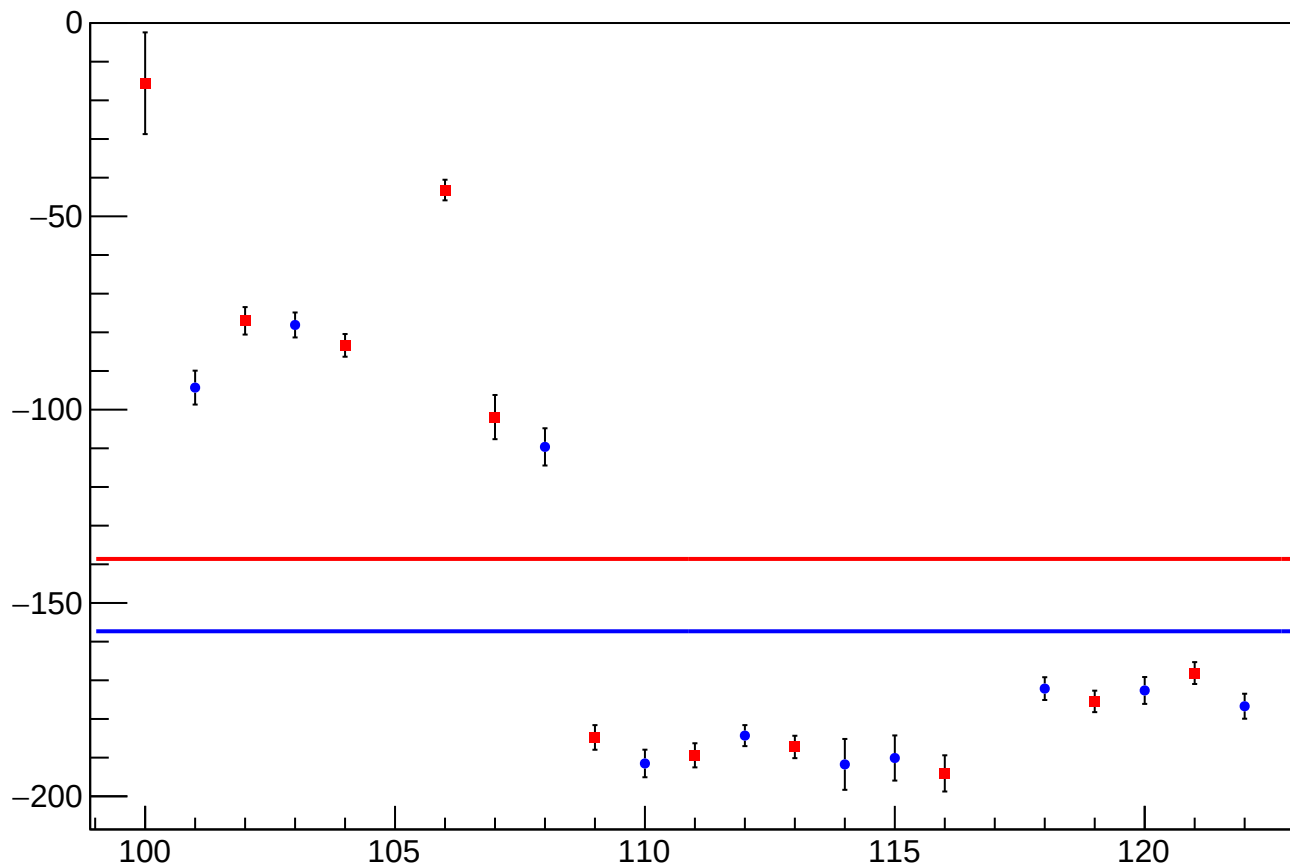
Right: -4.395 ± 0.686 χ^2/NDF : 183.8/20

In: -4.002 ± 0.998 χ^2/NDF : 90.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.395 ± 0.686 χ^2/NDF : 183.8/20

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -157.320+/-1.154 χ^2/NDF : 1237.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -138.610+/-1.003 χ^2/NDF : 3247.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

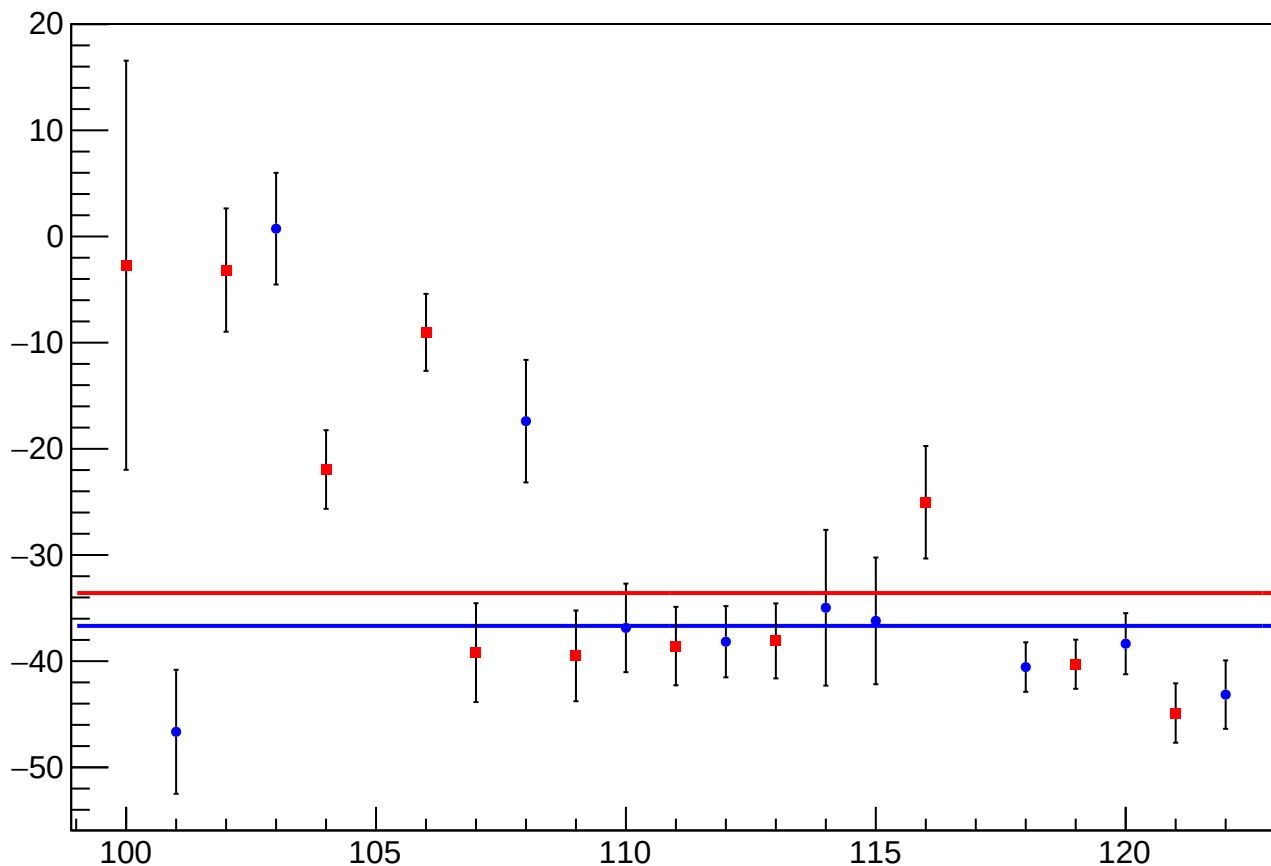
Right: -146.669+/-0.757 χ^2/NDF : 4634.3/20

In: -157.320+/-1.154 χ^2/NDF :1237.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -146.669+/-0.757 χ^2/NDF : 4634.3/20

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.677 ± 1.204 χ^2/NDF : 72.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.583 ± 1.128 χ^2/NDF : 119.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

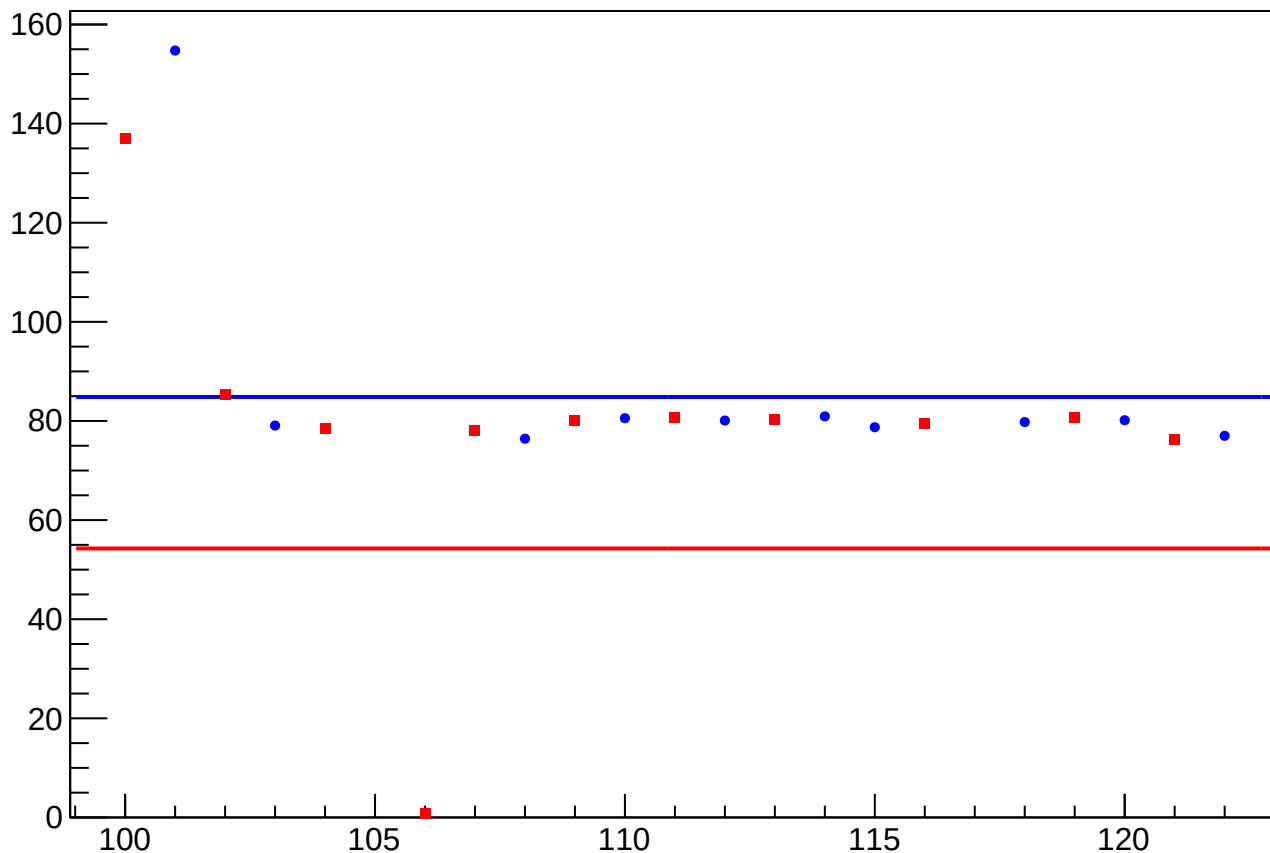
Right: -35.029 ± 0.823 χ^2/NDF : 195.5/20

In: -36.677 ± 1.204 χ^2/NDF : 72.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.029 ± 0.823 χ^2/NDF : 195.5/20

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 84.840 $\pm$ 0.073 χ^2 /NDF: 77622.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.274 $\pm$ 0.056 χ^2 /NDF: 468893.6/10

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

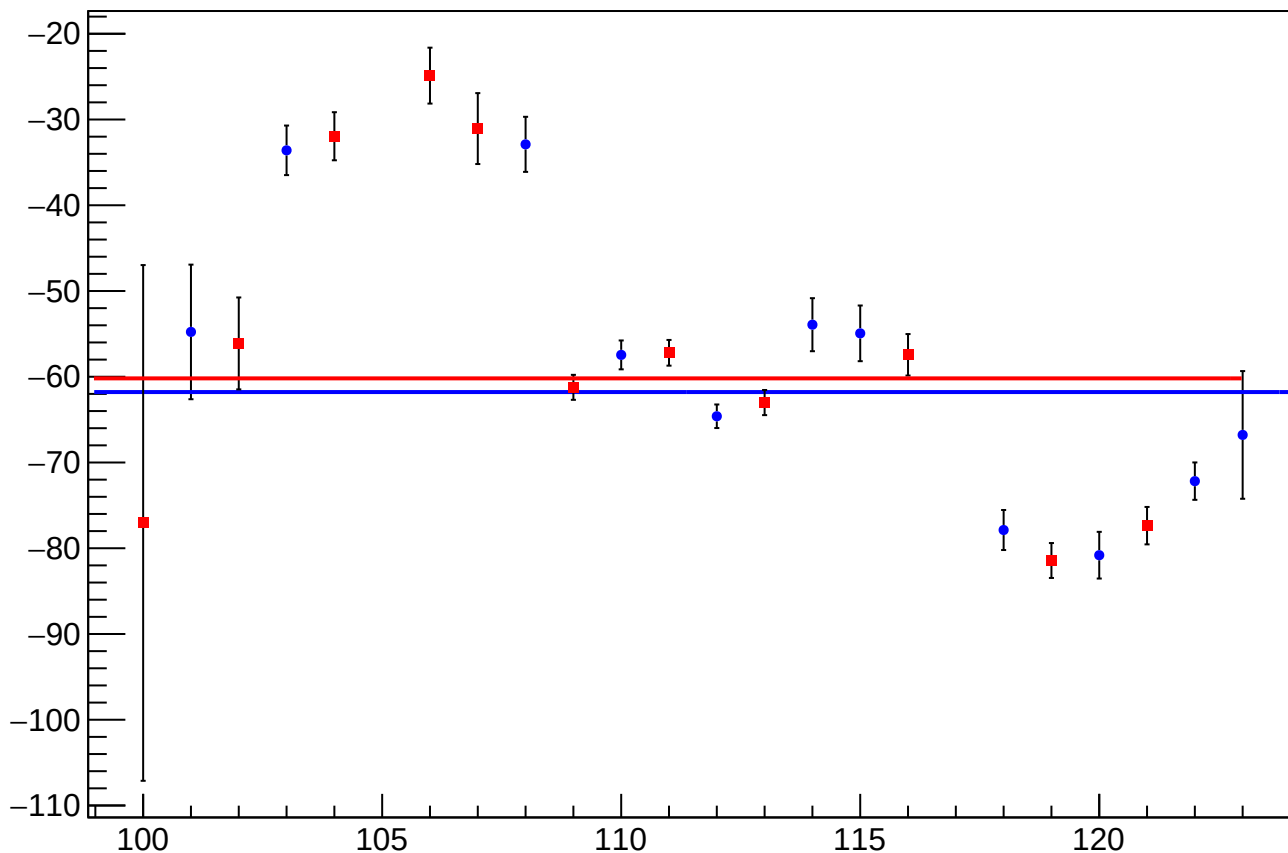
Right: 65.447 $\pm$ 0.044 χ^2 /NDF: 656805.4/20

In: 84.840 $\pm$ 0.073 χ^2 /NDF: 77622.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.447 $\pm$ 0.044 χ^2 /NDF: 656805.4/20

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.785+/-0.733 χ^2/NDF : 318.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.189+/-0.657 χ^2/NDF : 449.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

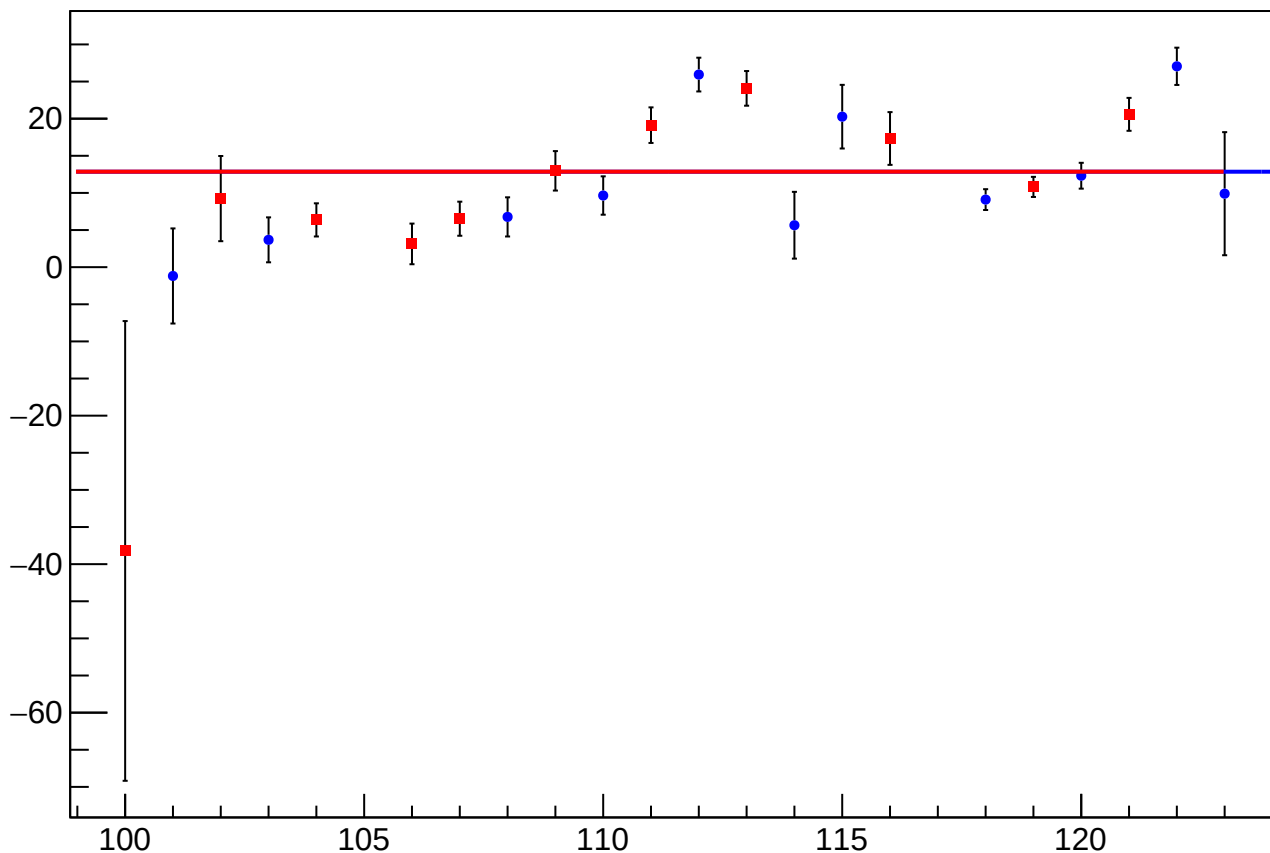
Right: -60.900+/-0.489 χ^2/NDF : 770.2/21

In: -61.785+/-0.733 χ^2/NDF : 318.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.900+/-0.489 χ^2/NDF : 770.2/21

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.856+/-0.759 χ^2/NDF : 98.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.864+/-0.729 χ^2/NDF : 77.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

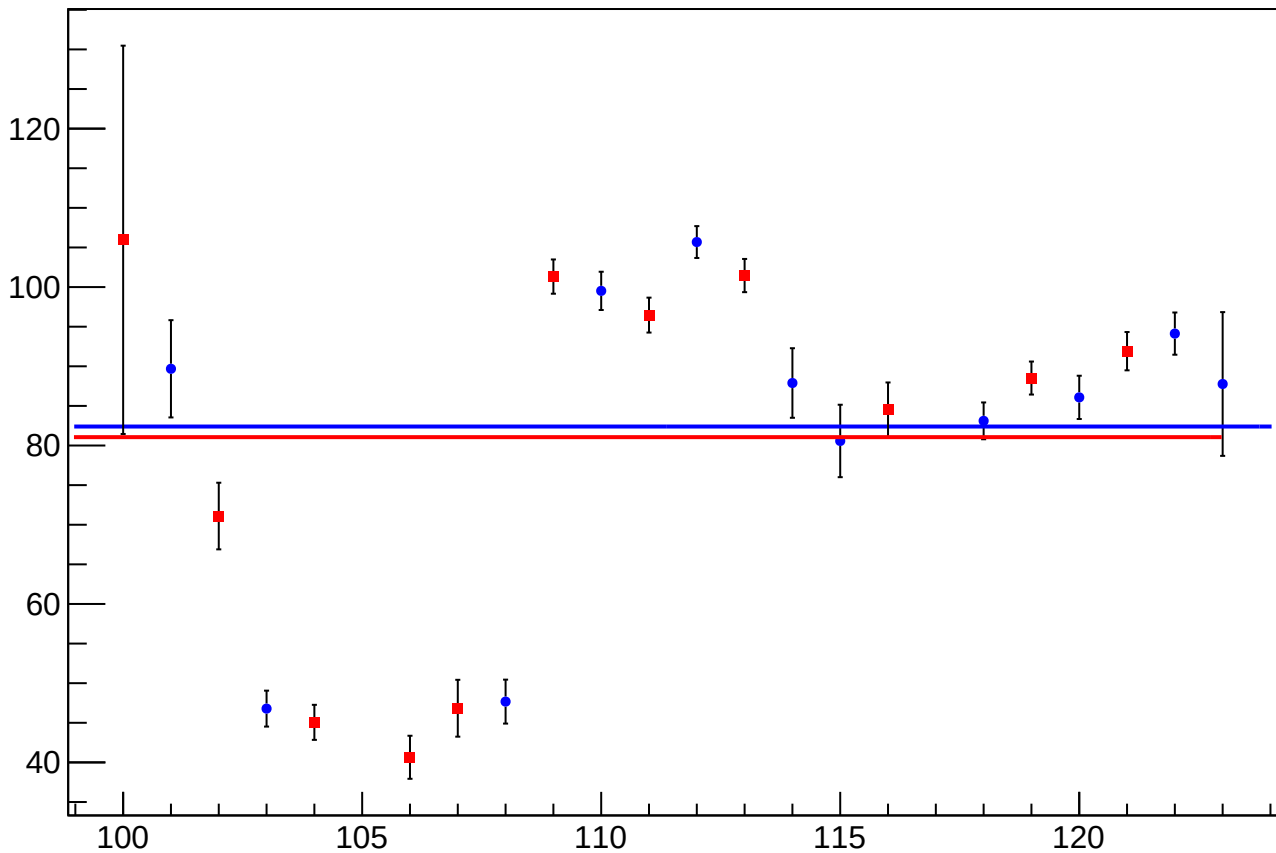
Right: 12.860+/-0.526 χ^2/NDF : 176.7/21

In: 12.856+/-0.759 χ^2/NDF : 98.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.860+/-0.526 χ^2/NDF : 176.7/21

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 82.397+/-0.863 χ^2/NDF : 612.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.057+/-0.788 χ^2/NDF : 849.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

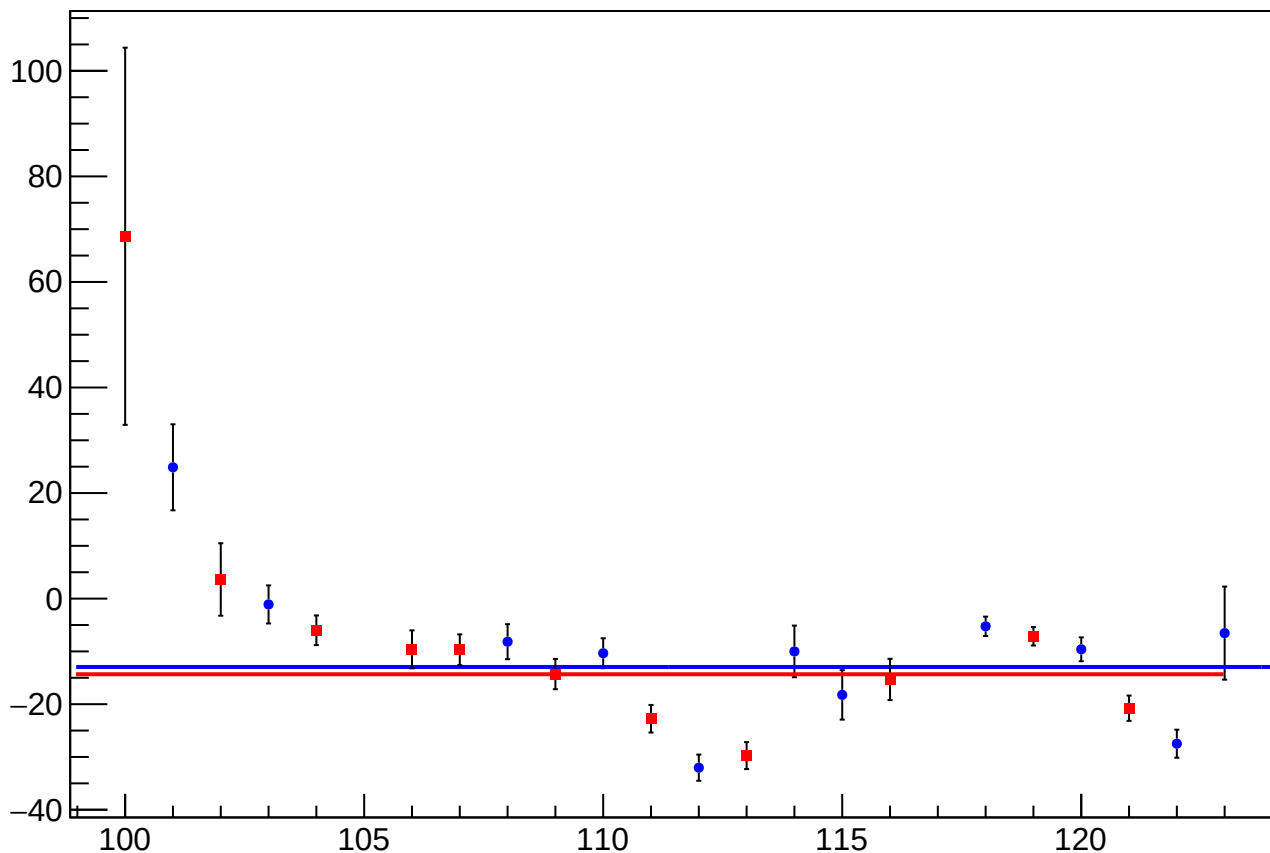
Right: 81.667+/-0.582 χ^2/NDF : 1462.7/21

In: 82.397+/-0.863 χ^2/NDF : 612.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.667+/-0.582 χ^2/NDF : 1462.7/21

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.951 $\pm$ 0.911 χ^2 /NDF: 146.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.330 $\pm$ 0.866 χ^2 /NDF: 96.3/10

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

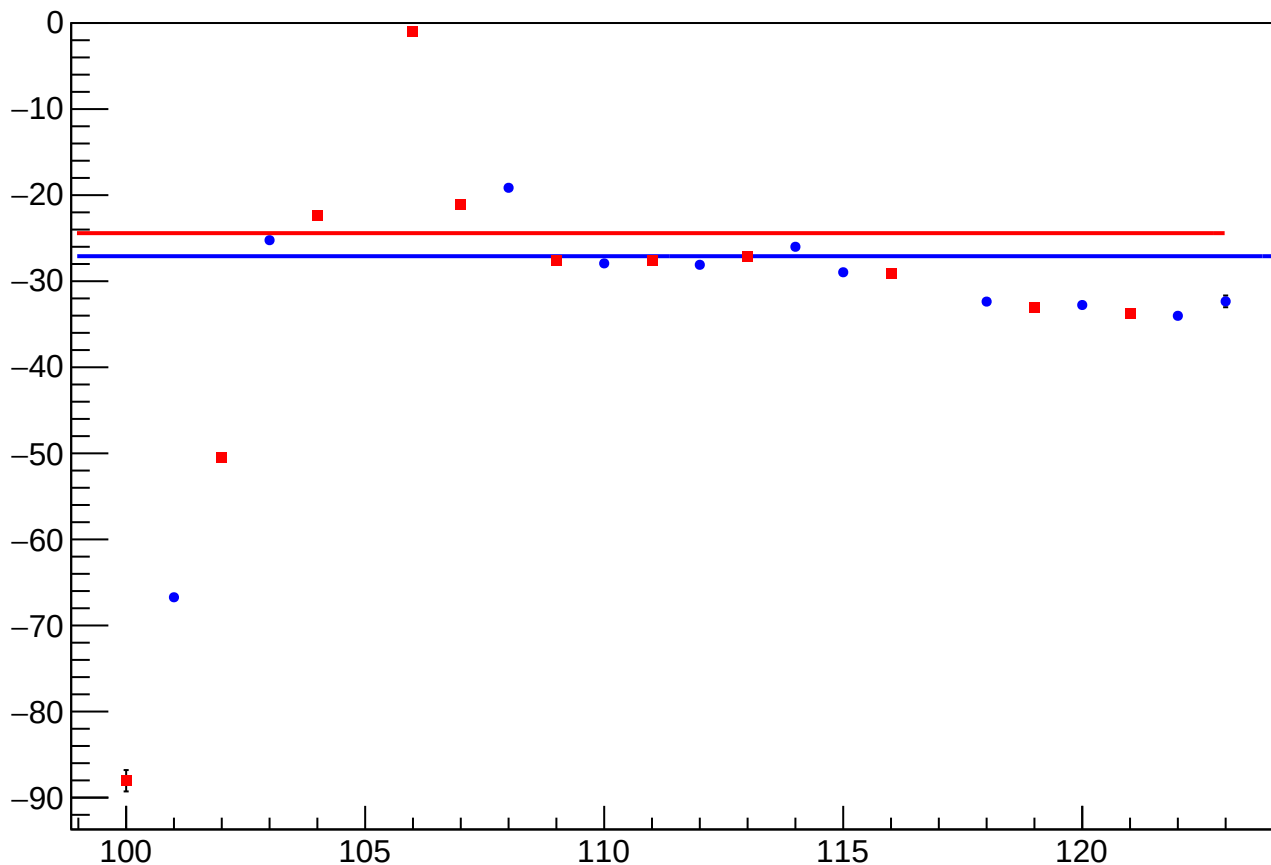
Right: -13.675 $\pm$ 0.628 χ^2 /NDF: 243.9/21

In: -12.951 $\pm$ 0.911 χ^2 /NDF:146.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.675 $\pm$ 0.628 χ^2 /NDF: 243.9/21

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.094+/-0.053 χ^2/NDF : 20099.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.416+/-0.048 χ^2/NDF : 65861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

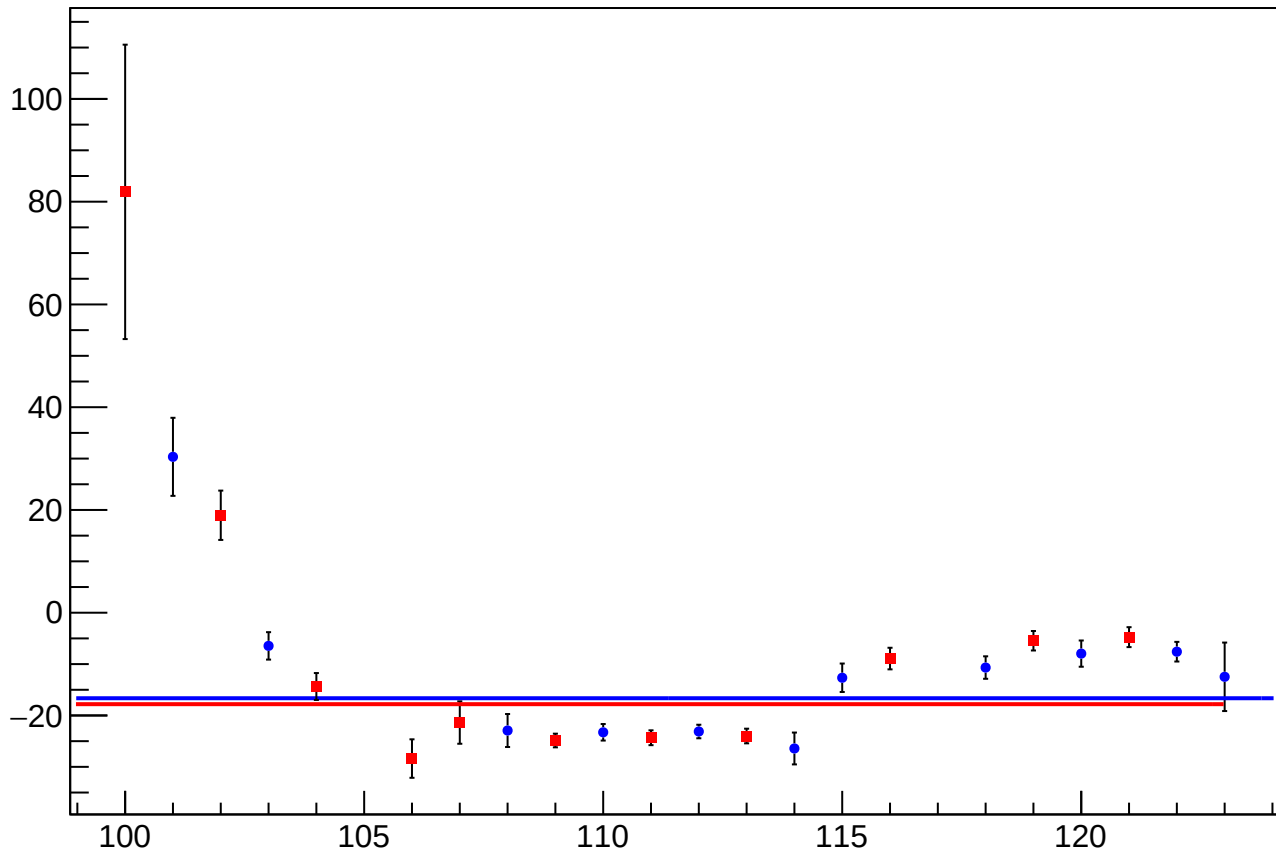
Right: -25.641+/-0.036 χ^2/NDF : 87355.7/21

In: -27.094+/-0.053 χ^2/NDF : 20099.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.641+/-0.036 χ^2/NDF : 87355.7/21

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.645 $\pm$ 0.689 χ^2 /NDF: 151.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.800 $\pm$ 0.617 χ^2 /NDF: 254.4/10

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

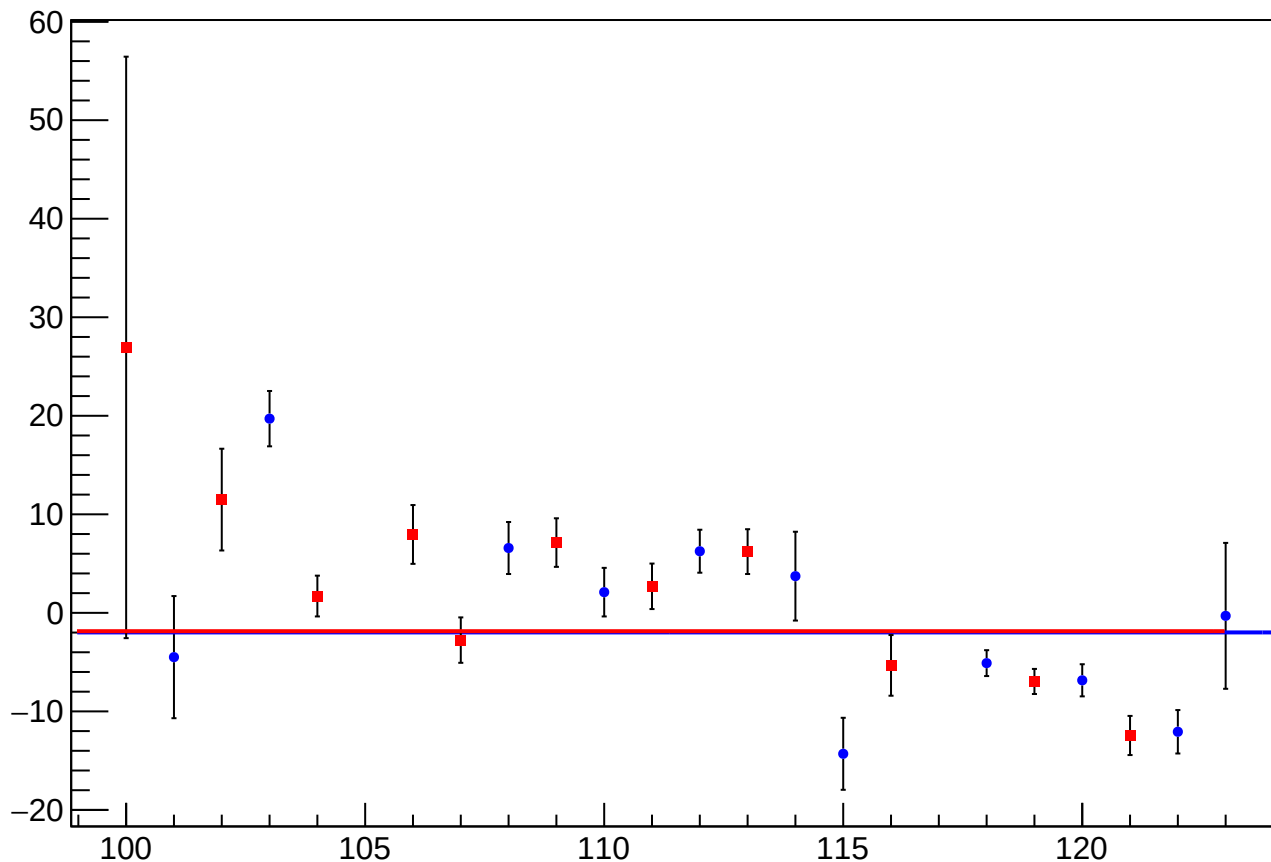
Right: -17.286 $\pm$ 0.460 χ^2 /NDF: 407.6/21

In: -16.645 $\pm$ 0.689 χ^2 /NDF: 151.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.286 $\pm$ 0.460 χ^2 /NDF: 407.6/21

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.986+/-0.711 χ^2/NDF : 135.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.861+/-0.691 χ^2/NDF : 97.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

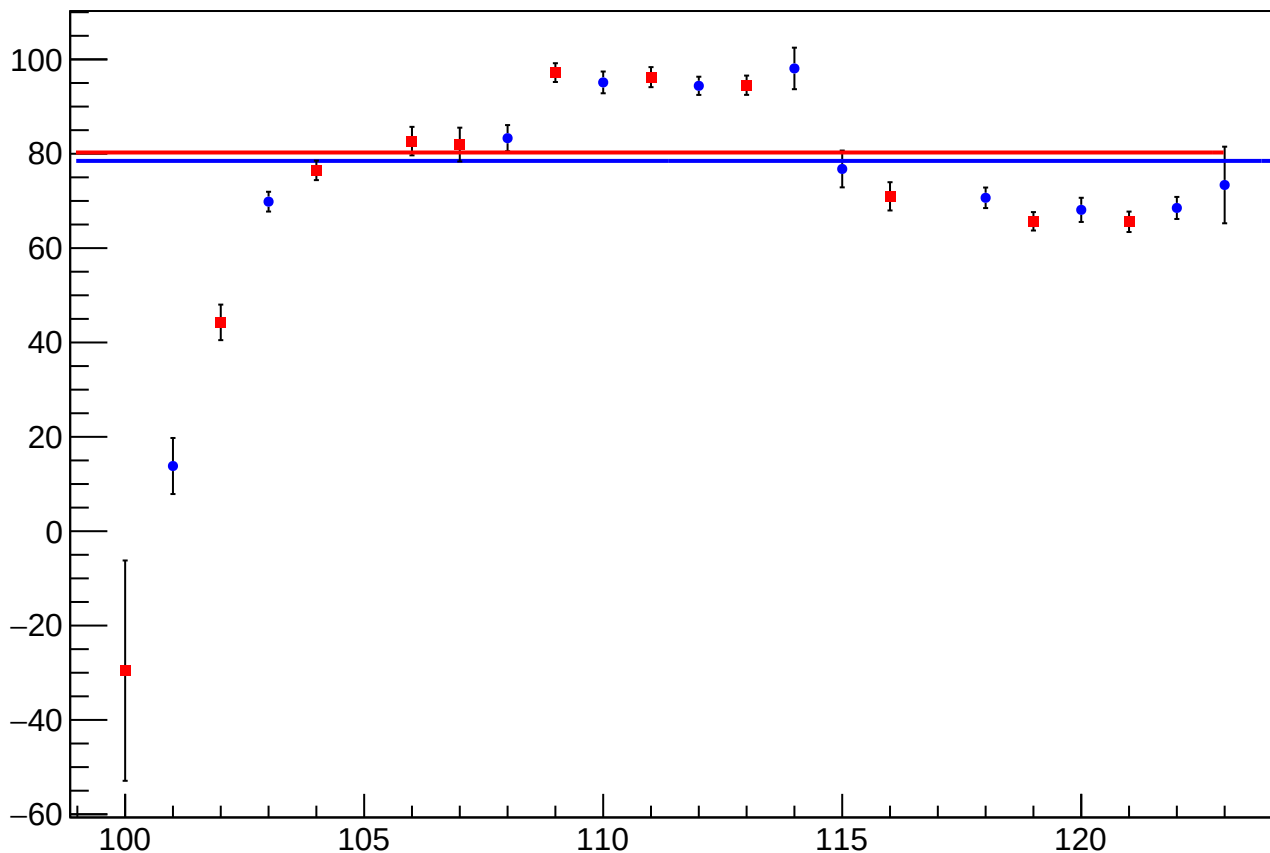
Right: -1.922+/-0.496 χ^2/NDF : 233.0/21

In: -1.986+/-0.711 χ^2/NDF : 135.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.922+/-0.496 χ^2/NDF : 233.0/21

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 78.486+/-0.811 χ^2/NDF : 326.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.269+/-0.746 χ^2/NDF : 406.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

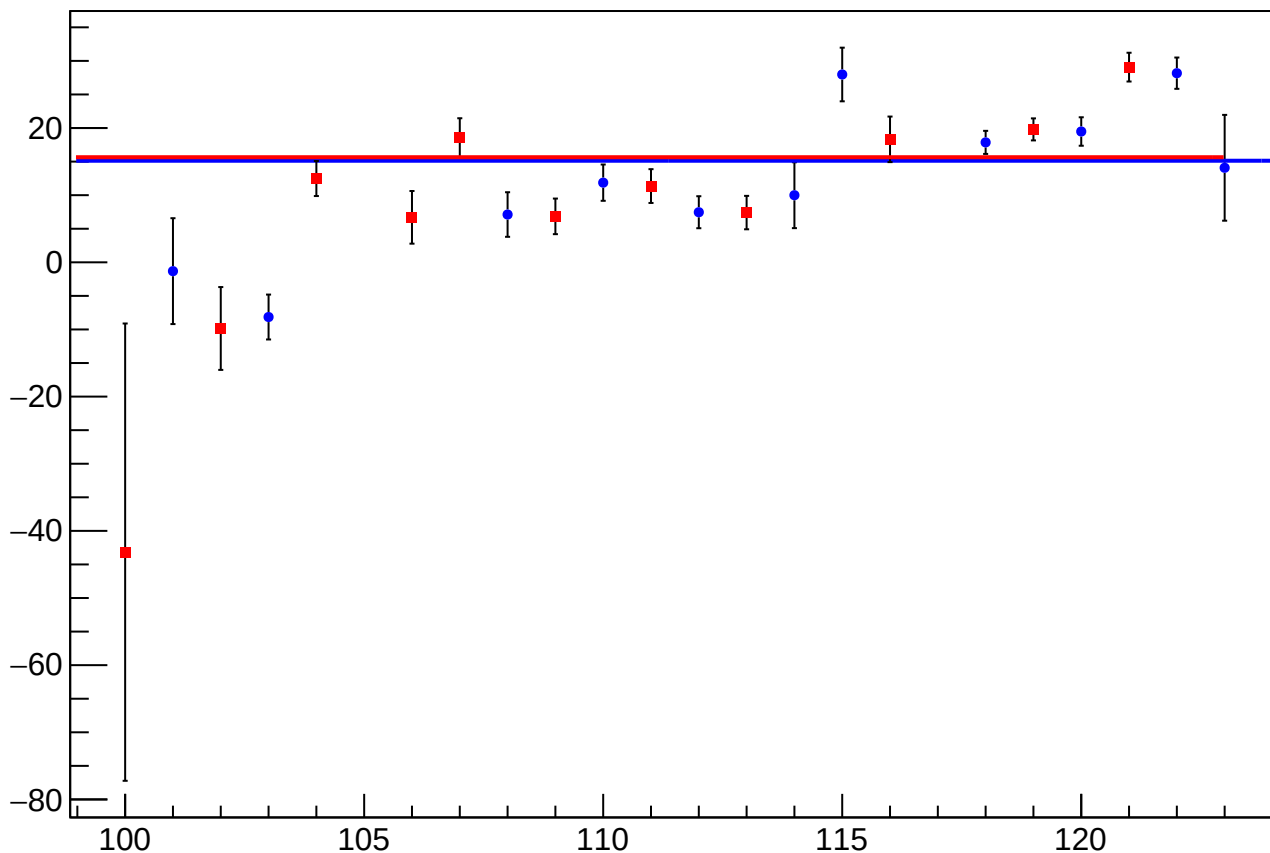
Right: 79.451+/-0.549 χ^2/NDF : 736.1/21

In: 78.486+/-0.811 χ^2/NDF : 326.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.451+/-0.549 χ^2/NDF : 736.1/21

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.130+/-0.853 χ^2 /NDF: 120.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 15.653+/-0.818 χ^2 /NDF: 98.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

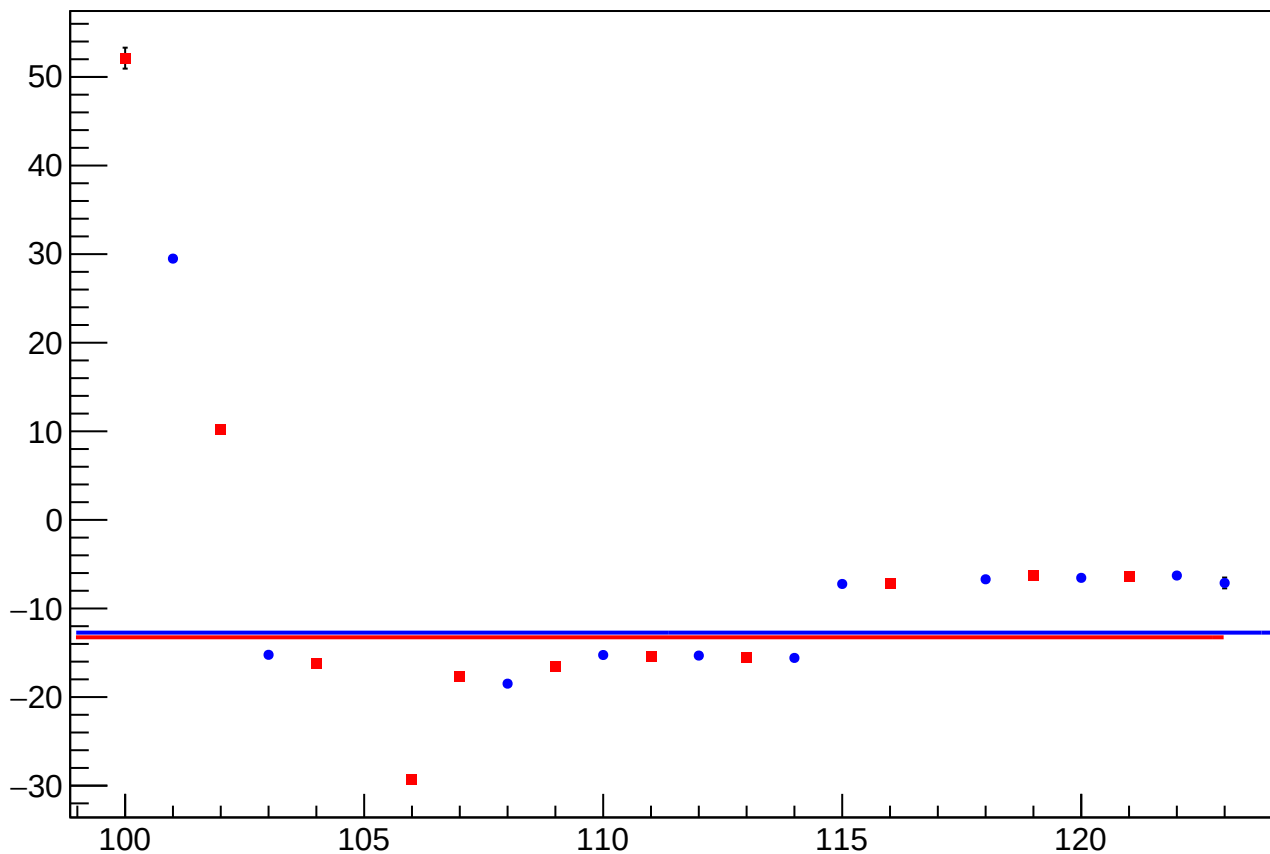
Right: 15.402+/-0.590 χ^2 /NDF: 219.1/21

In: 15.130+/-0.853 χ^2 /NDF:120.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.402+/-0.590 χ^2 /NDF: 219.1/21

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.726+/-0.050 χ^2/NDF : 22311.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.254+/-0.047 χ^2/NDF : 43303.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

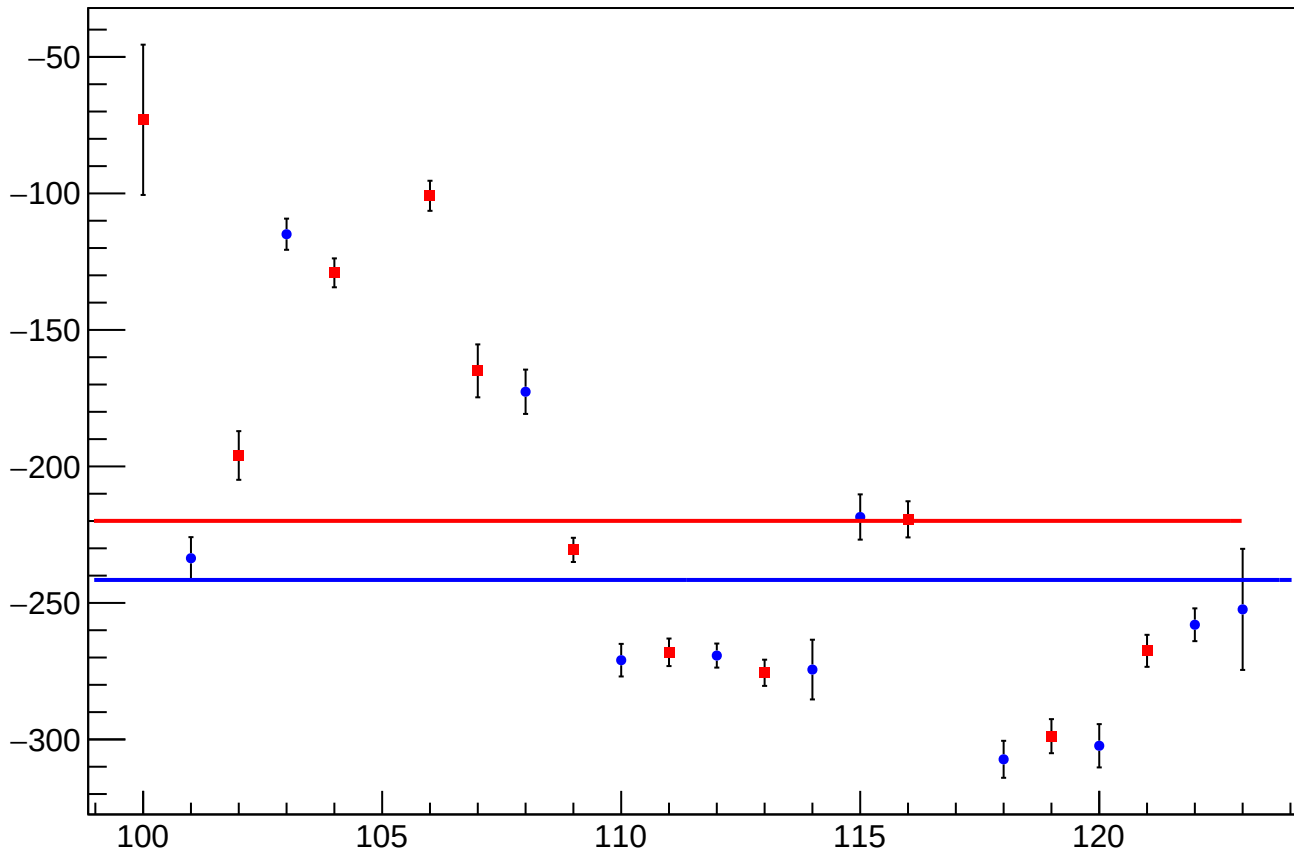
Right: -13.006+/-0.034 χ^2/NDF : 65674.9/21

In: -12.726+/-0.050 χ^2/NDF : 22311.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.006+/-0.034 χ^2/NDF : 65674.9/21

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -241.582+/-2.074 χ^2 /NDF: 806.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -219.946+/-1.812 χ^2 /NDF: 1286.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

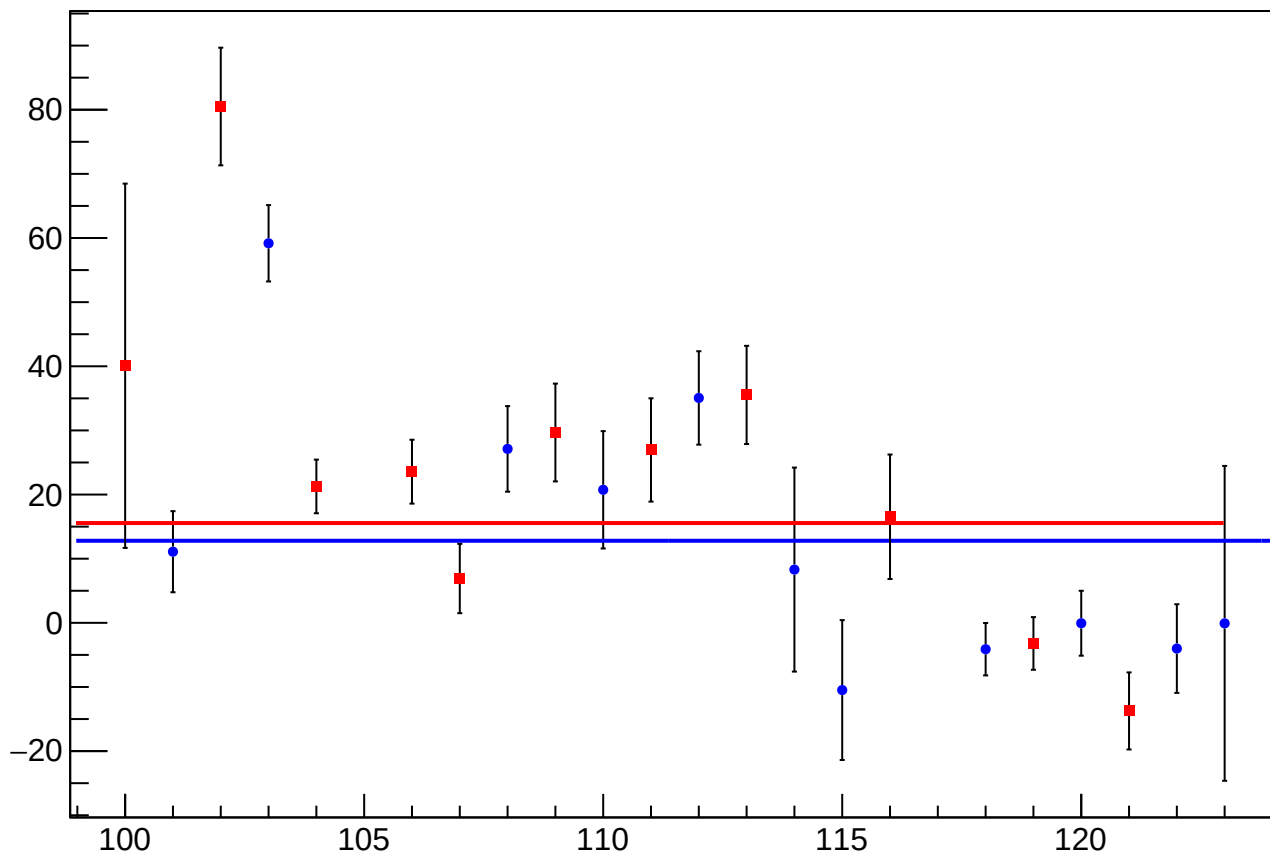
Right: -229.316+/-1.365 χ^2 /NDF: 2154.8/21

In: -241.582+/-2.074 χ^2 /NDF:806.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -229.316+/-1.365 χ^2 /NDF: 2154.8/21

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.795+/-2.039 χ^2/NDF : 109.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.561+/-1.850 χ^2/NDF : 114.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

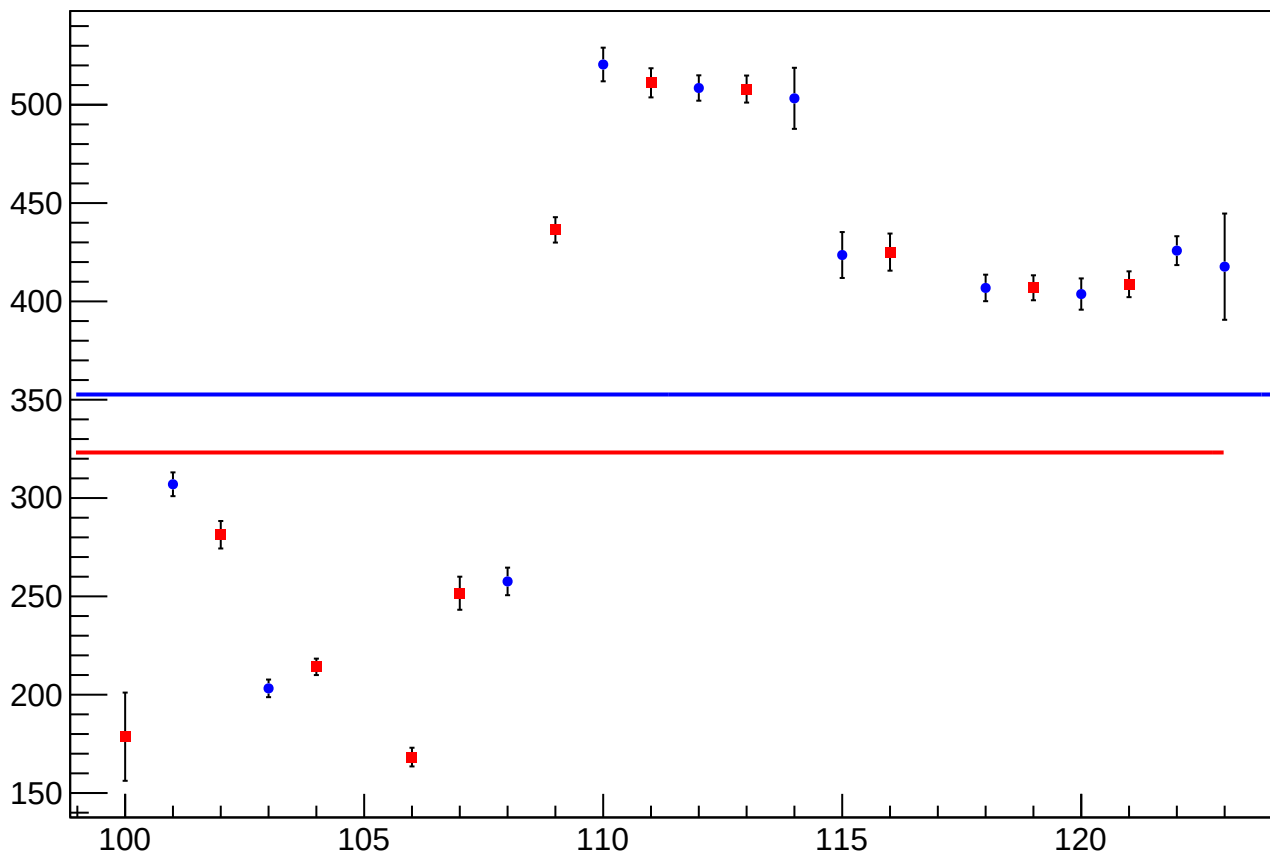
Right: 14.312+/-1.370 χ^2/NDF : 225.7/21

In: 12.795+/-2.039 χ^2/NDF : 109.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.312+/-1.370 χ^2/NDF : 225.7/21

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 352.657+/-2.212 χ^2/NDF : 2663.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 323.163+/-1.958 χ^2/NDF : 4027.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

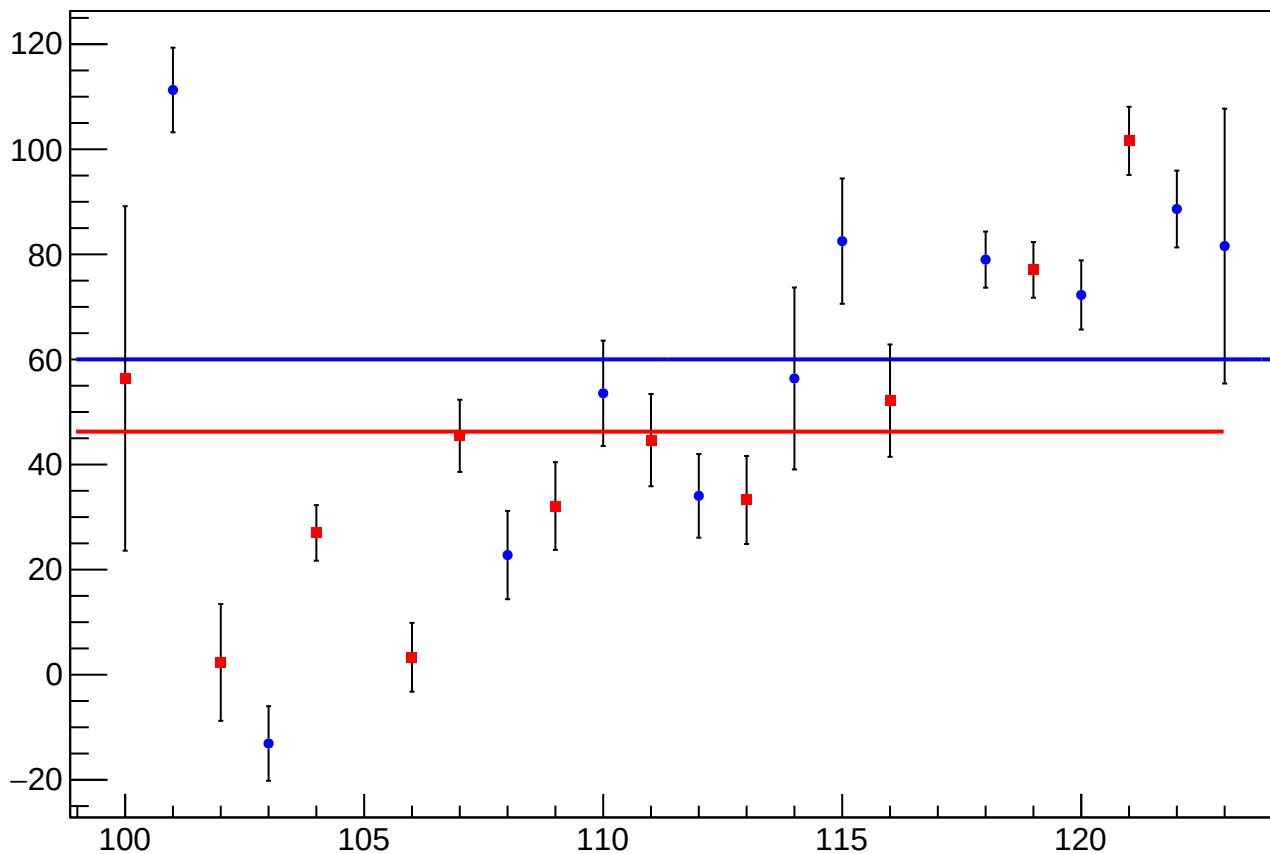
Right: 336.122+/-1.466 χ^2/NDF : 6790.9/21

In: 352.657+/-2.212 χ^2/NDF :2663.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 336.122+/-1.466 χ^2/NDF : 6790.9/21

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 60.016+/-2.471 χ^2/NDF : 213.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.266+/-2.242 χ^2/NDF : 184.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

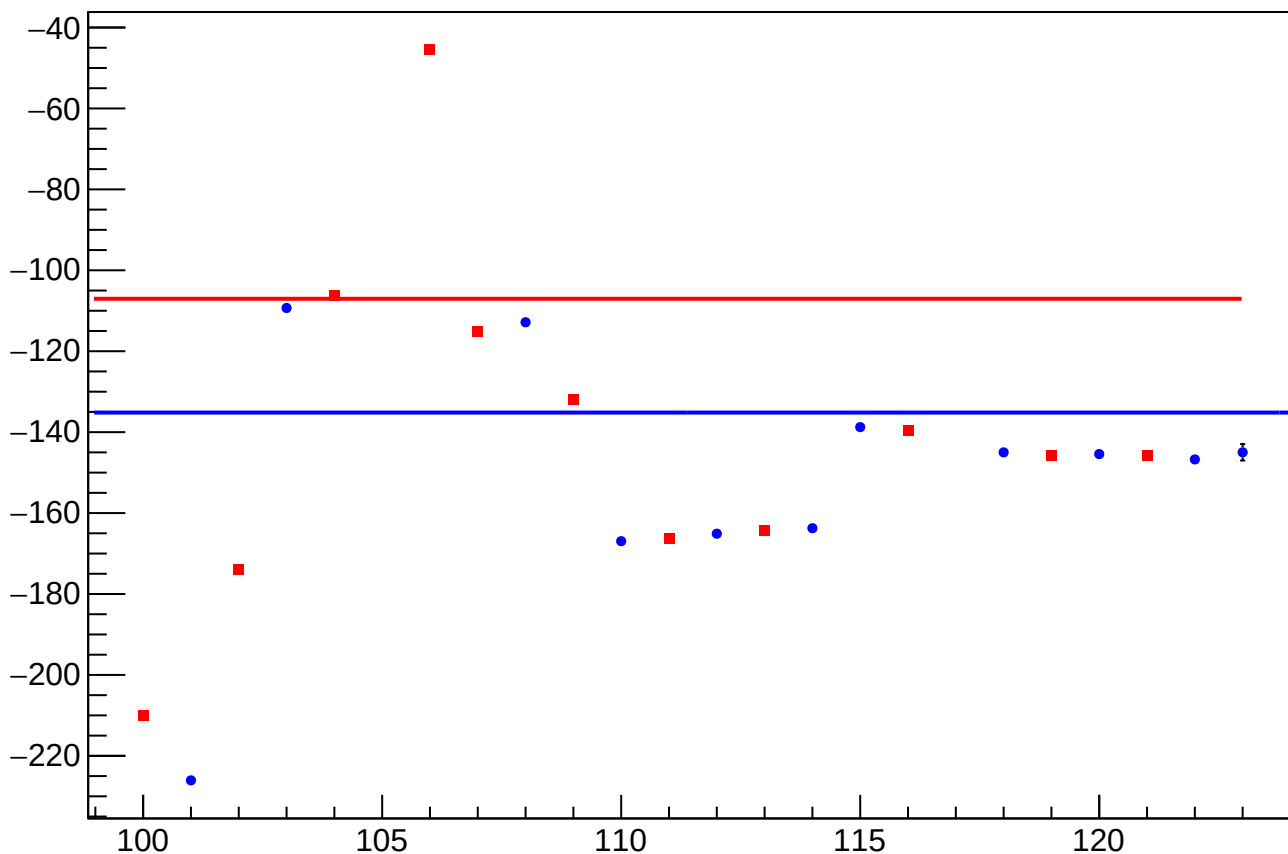
Right: 52.475+/-1.660 χ^2/NDF : 414.1/21

In: 60.016+/-2.471 χ^2/NDF : 213.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-1.660 χ^2/NDF : 414.1/21

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -135.158+/-0.123 χ^2/NDF : 95709.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.038+/-0.103 χ^2/NDF : 202436.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

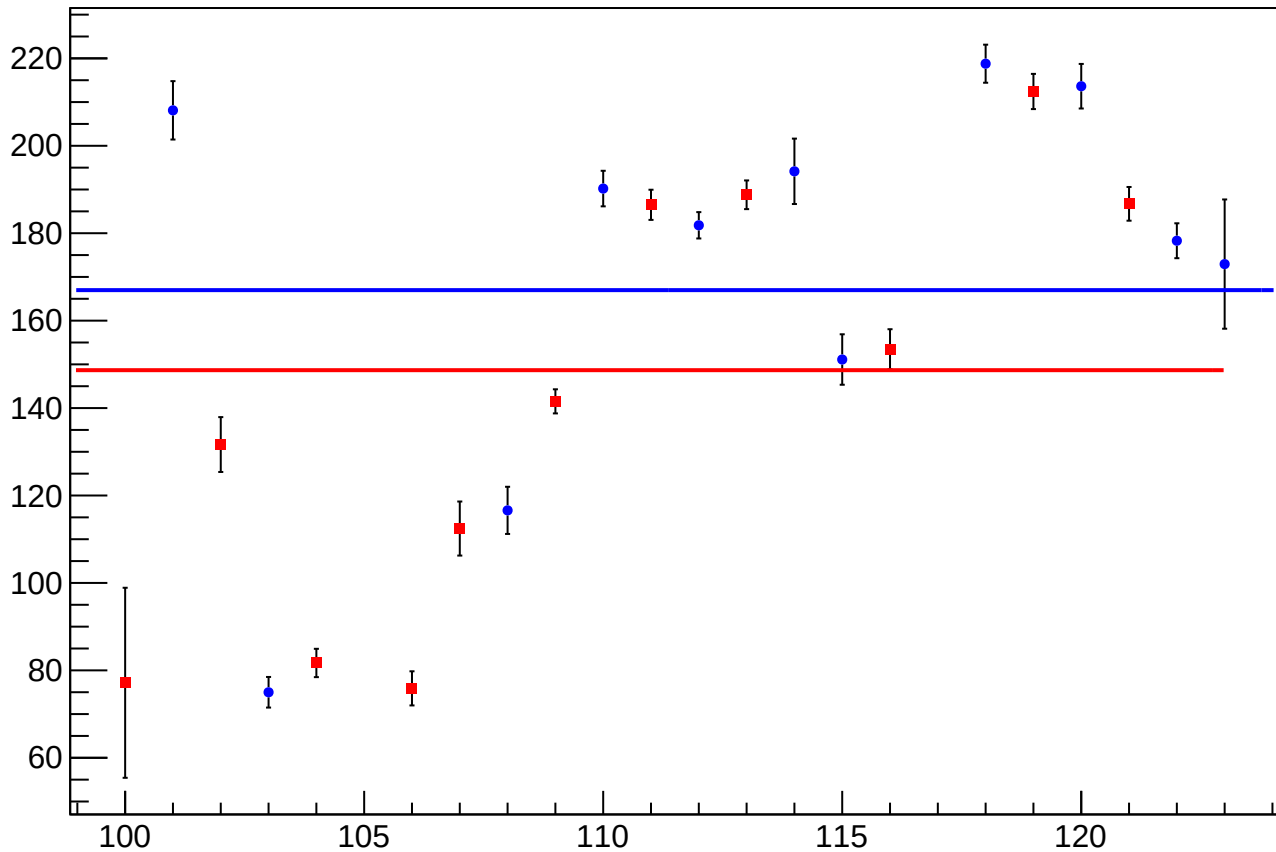
Right: -118.603+/-0.079 χ^2/NDF : 328742.4/21

In: -135.158+/-0.123 χ^2/NDF : 95709.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.603+/-0.079 χ^2/NDF : 328742.4/21

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 166.981+/-1.393 χ^2/NDF : 1126.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.669+/-1.196 χ^2/NDF : 1453.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

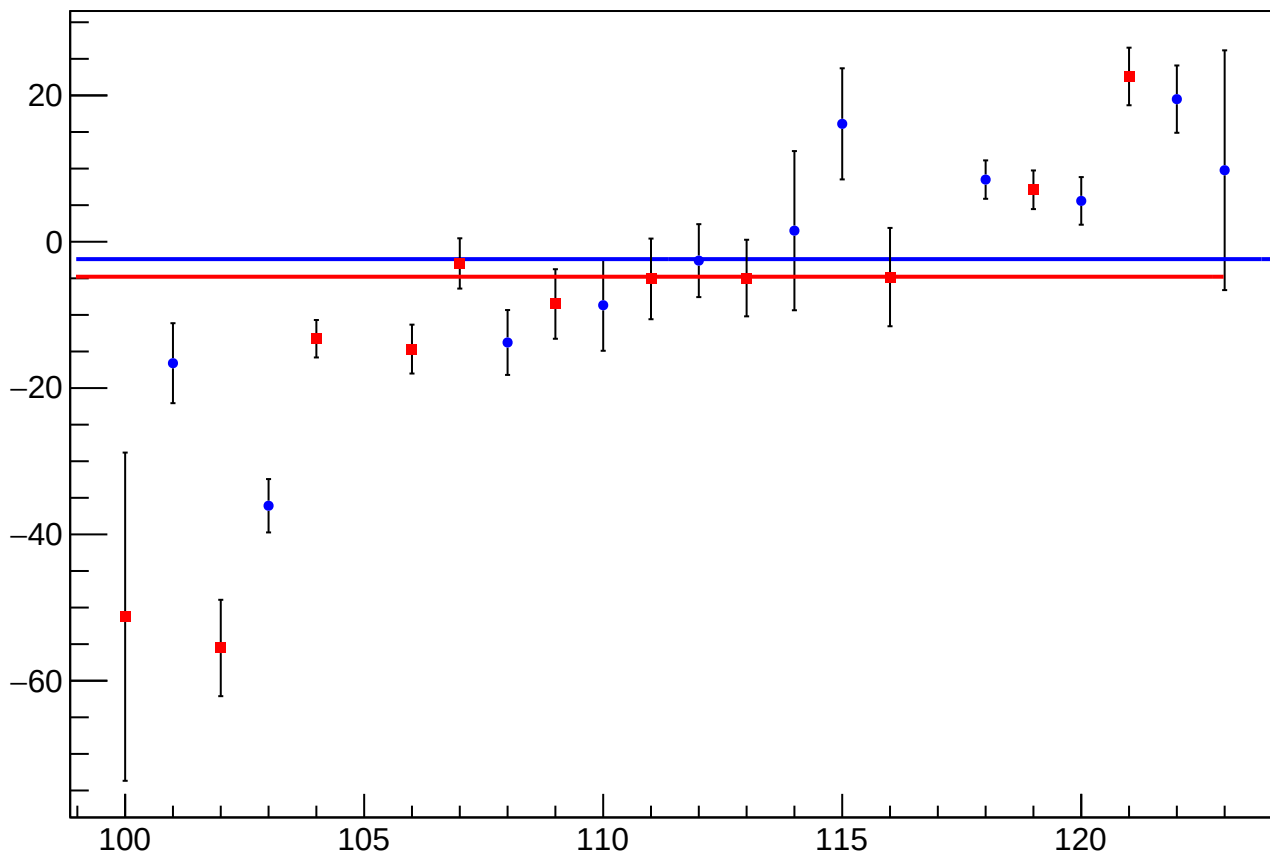
Right: 156.437+/-0.907 χ^2/NDF : 2678.6/21

In: 166.981+/-1.393 χ^2/NDF : 1126.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.437+/-0.907 χ^2/NDF : 2678.6/21

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.375+/-1.359 χ^2/NDF : 152.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.780+/-1.199 χ^2/NDF : 152.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

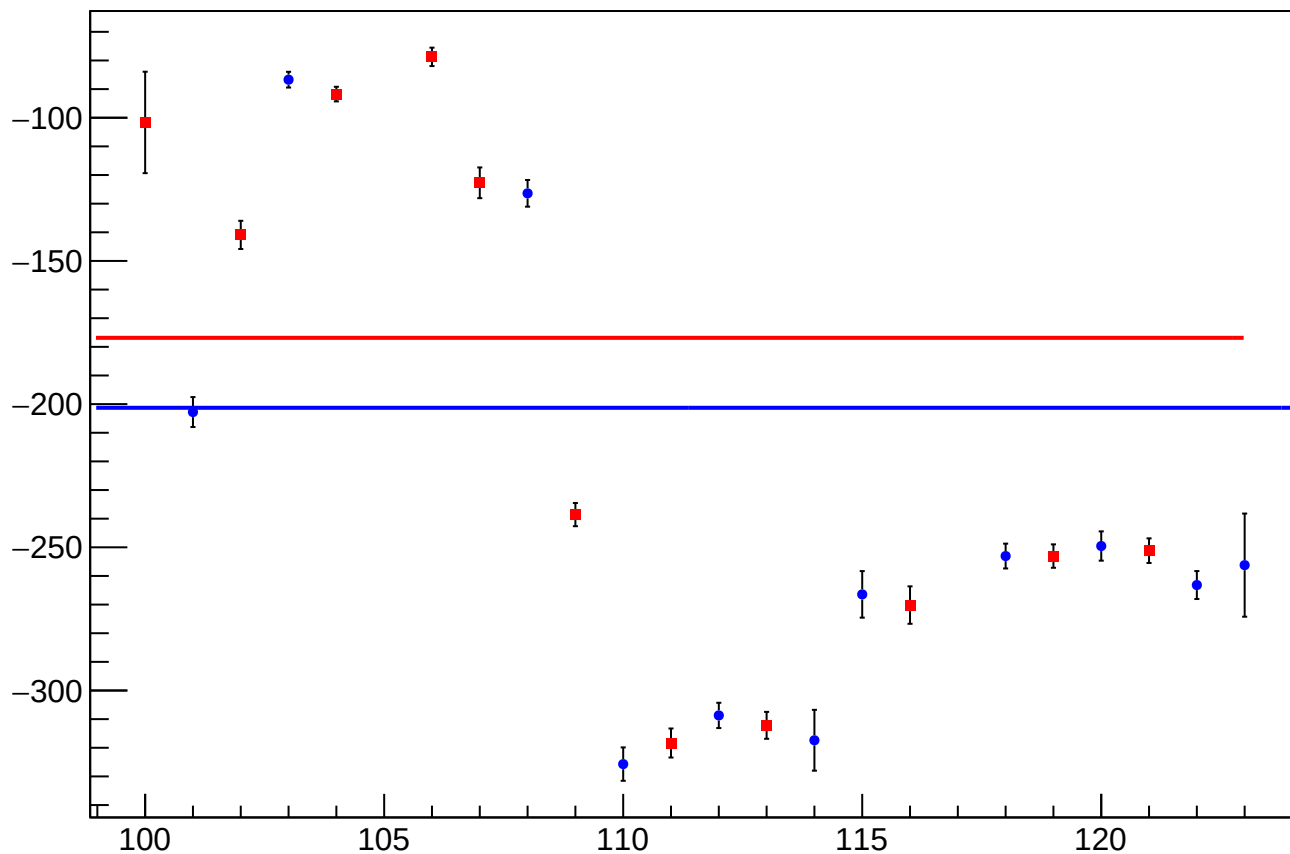
Right: -3.727+/-0.899 χ^2/NDF : 306.8/21

In: -2.375+/-1.359 χ^2/NDF : 152.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.727+/-0.899 χ^2/NDF : 306.8/21

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.276+/-1.480 χ^2/NDF : 3630.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.849+/-1.278 χ^2/NDF : 4906.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

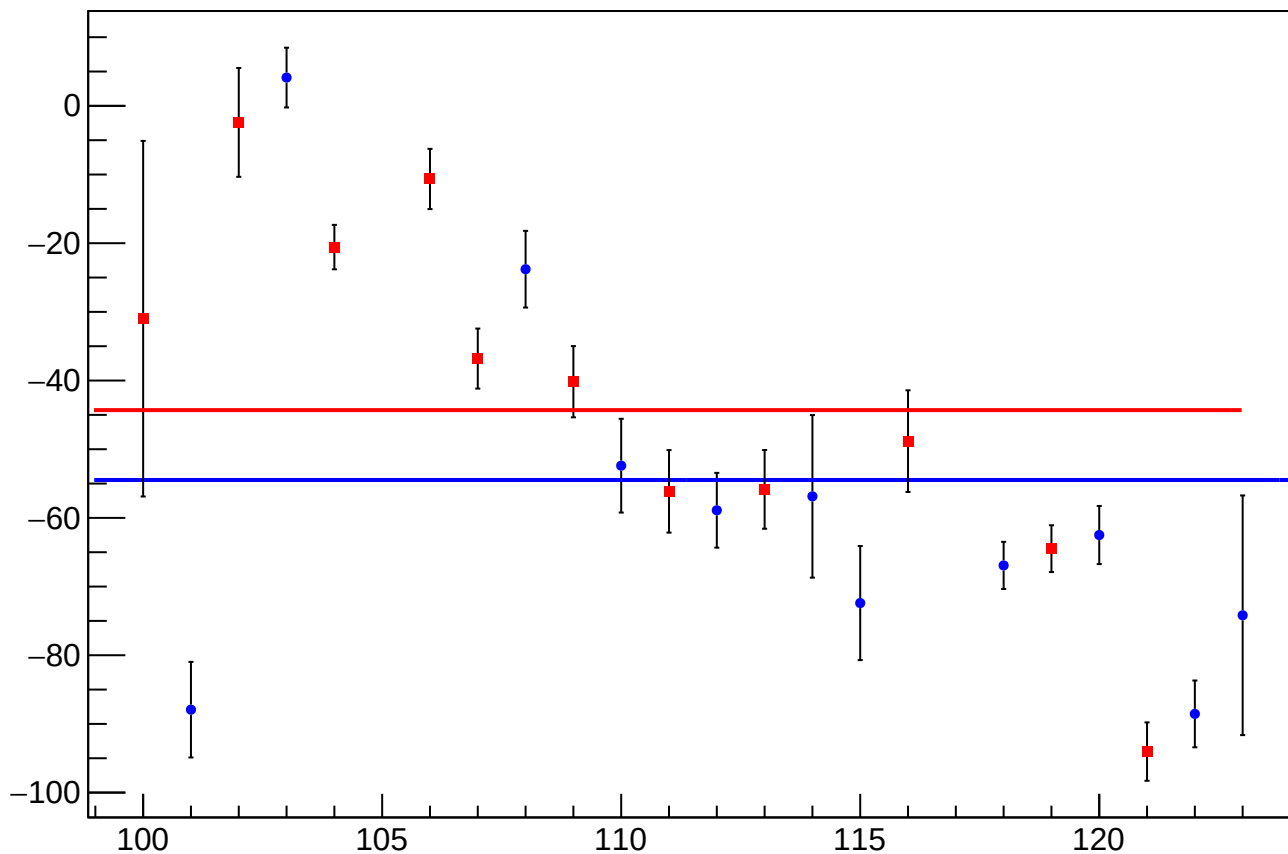
Right: -187.285+/-0.968 χ^2/NDF : 8692.2/21

In: -201.276+/-1.480 χ^2/NDF : 3630.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.285+/-0.968 χ^2/NDF : 8692.2/21

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -54.481+/-1.647 χ^2/NDF : 307.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -44.306+/-1.455 χ^2/NDF : 324.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

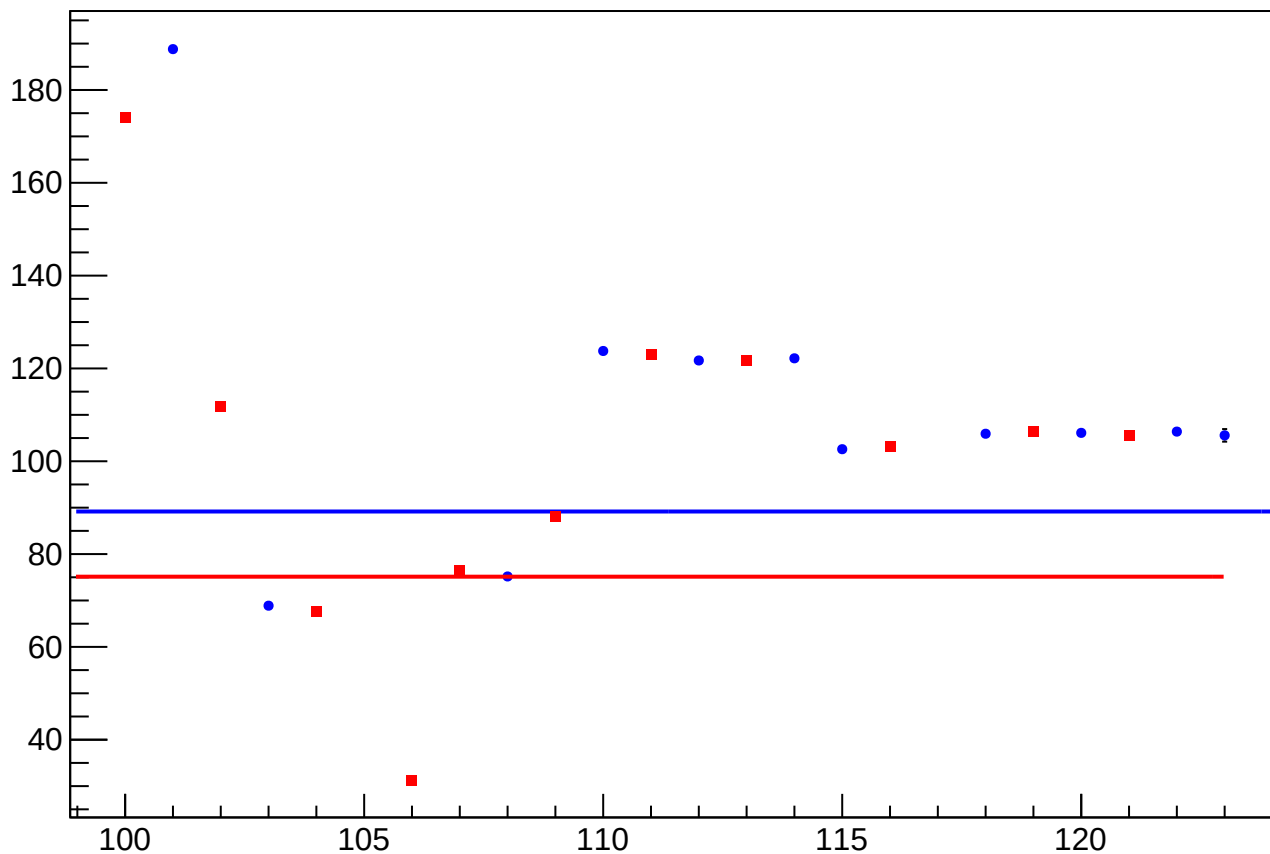
Right: -48.767+/-1.091 χ^2/NDF : 653.0/21

In: -54.481+/-1.647 χ^2/NDF :307.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -48.767+/-1.091 χ^2/NDF : 653.0/21

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 89.174+/-0.081 χ^2/NDF : 161196.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.129+/-0.070 χ^2/NDF : 185685.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

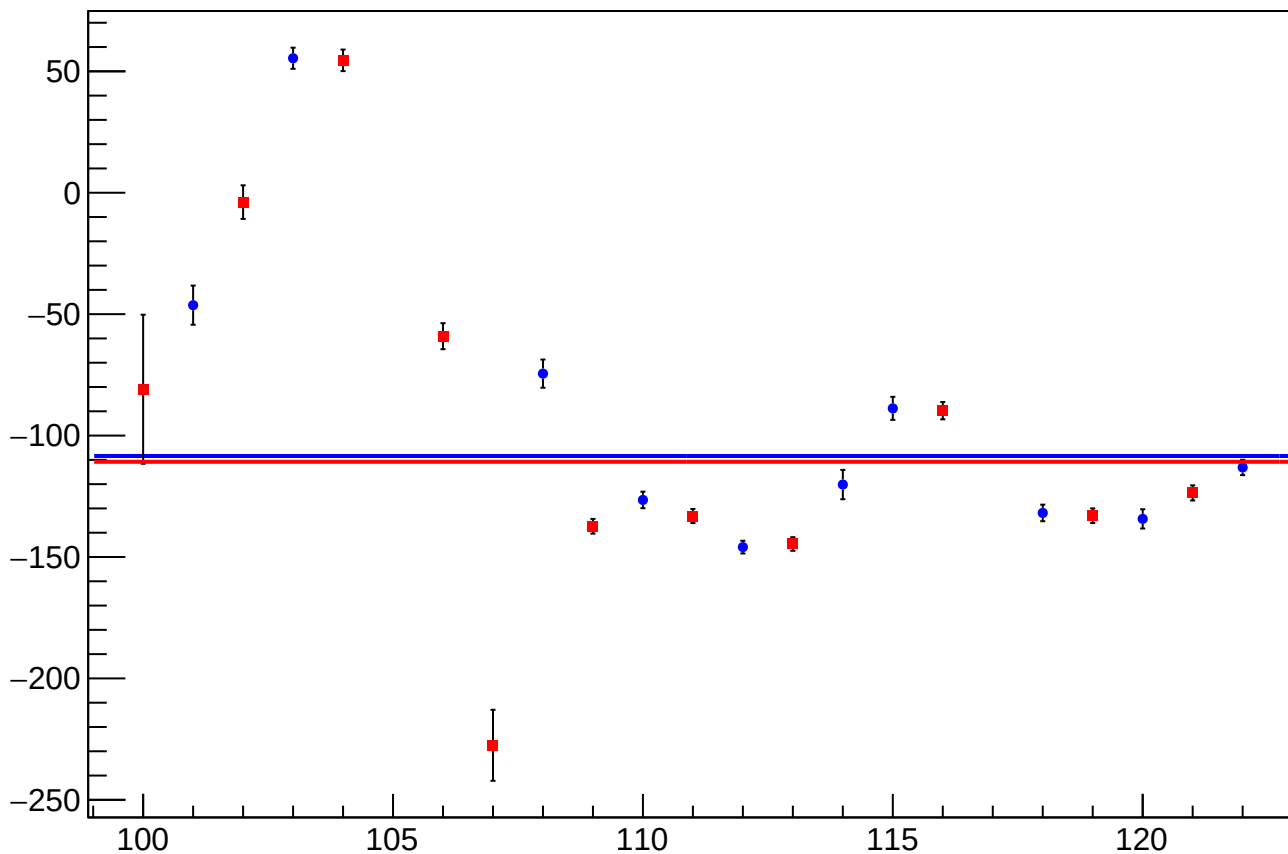
Right: 81.140+/-0.053 χ^2/NDF : 364107.5/21

In: 89.174+/-0.081 χ^2/NDF : 161196.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.140+/-0.053 χ^2/NDF : 364107.5/21

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -108.409+/-1.239 χ^2/NDF : 1856.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.794+/-1.149 χ^2/NDF : 2173.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

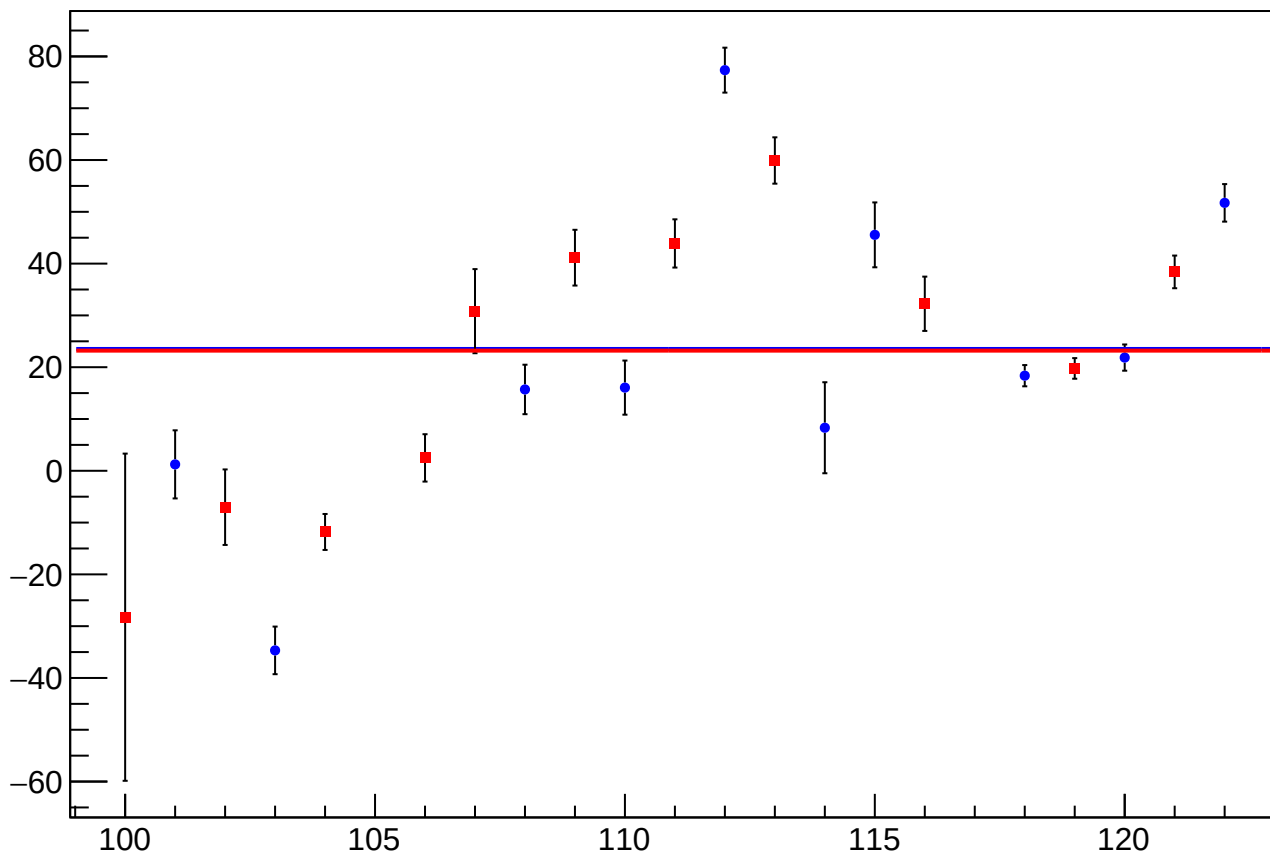
Right: -109.691+/-0.842 χ^2/NDF : 4032.6/20

In: -108.409+/-1.239 χ^2/NDF : 1856.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.691+/-0.842 χ^2/NDF : 4032.6/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.520+/-1.185 χ^2/NDF : 413.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.201+/-1.208 χ^2/NDF : 270.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

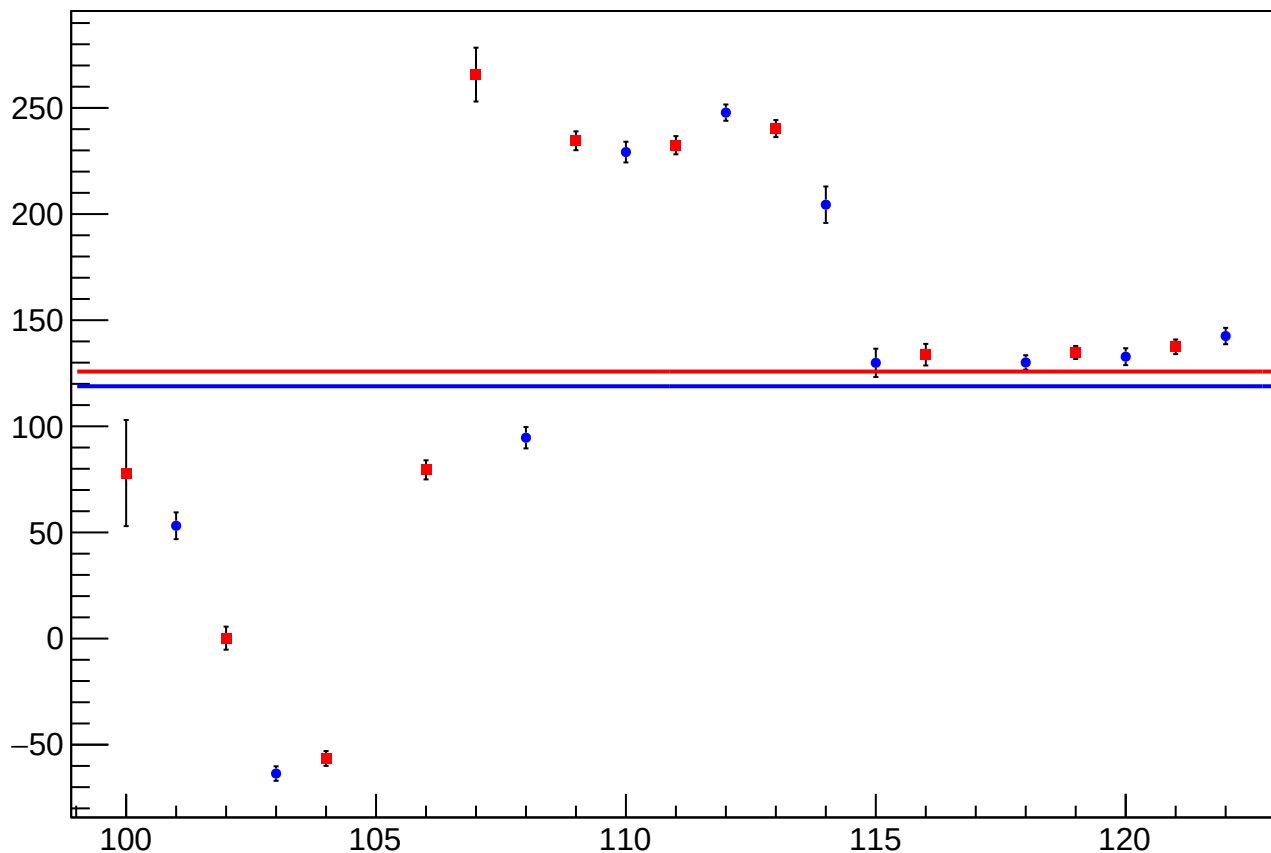
Right: 23.364+/-0.846 χ^2/NDF : 683.6/20

In: 23.520+/-1.185 χ^2/NDF : 413.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.364+/-0.846 χ^2/NDF : 683.6/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 118.872+/-1.395 χ^2/NDF : 4787.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.809+/-1.326 χ^2/NDF : 5537.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

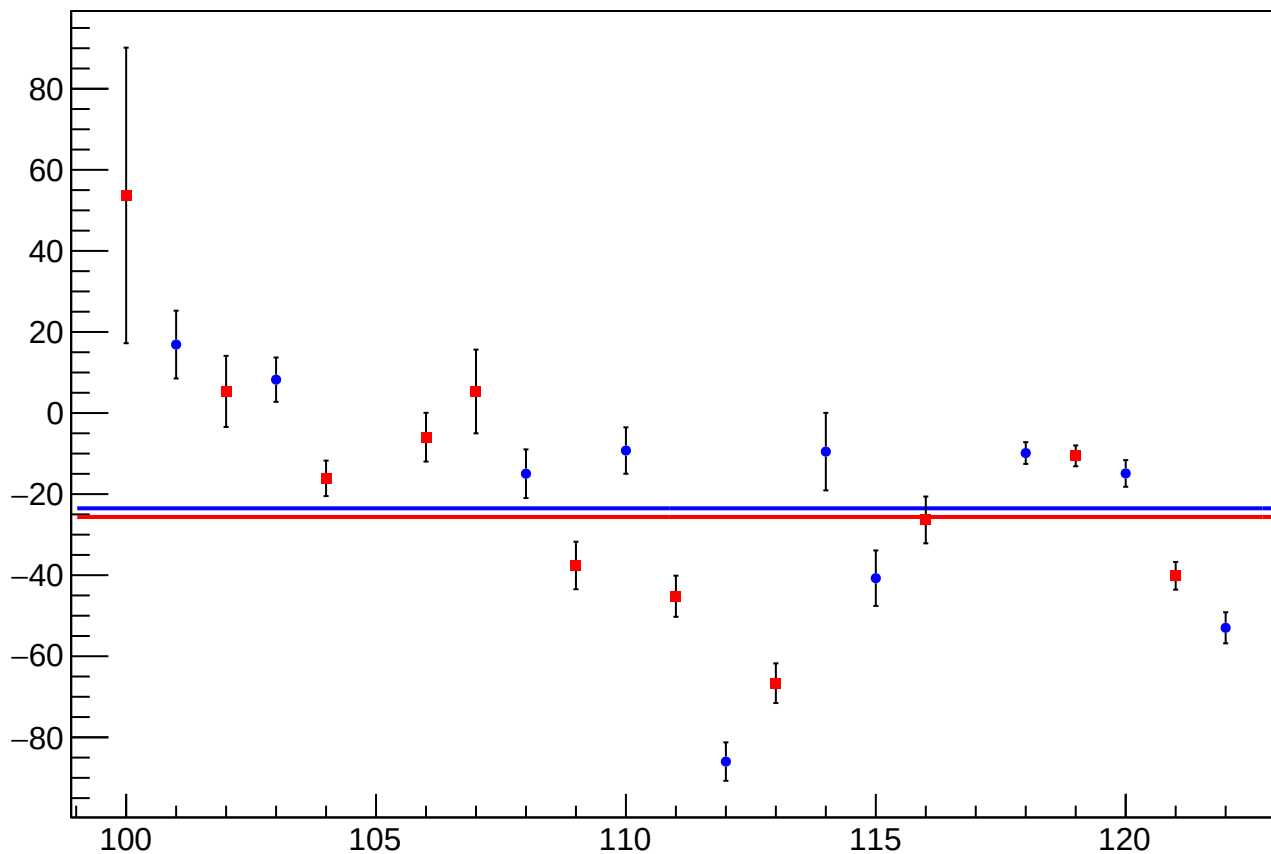
Right: 122.517+/-0.961 χ^2/NDF : 10338.2/20

In: 118.872+/-1.395 χ^2/NDF : 4787.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.517+/-0.961 χ^2/NDF : 10338.2/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.502+/-1.440 χ^2/NDF : 339.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.643+/-1.443 χ^2/NDF : 183.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

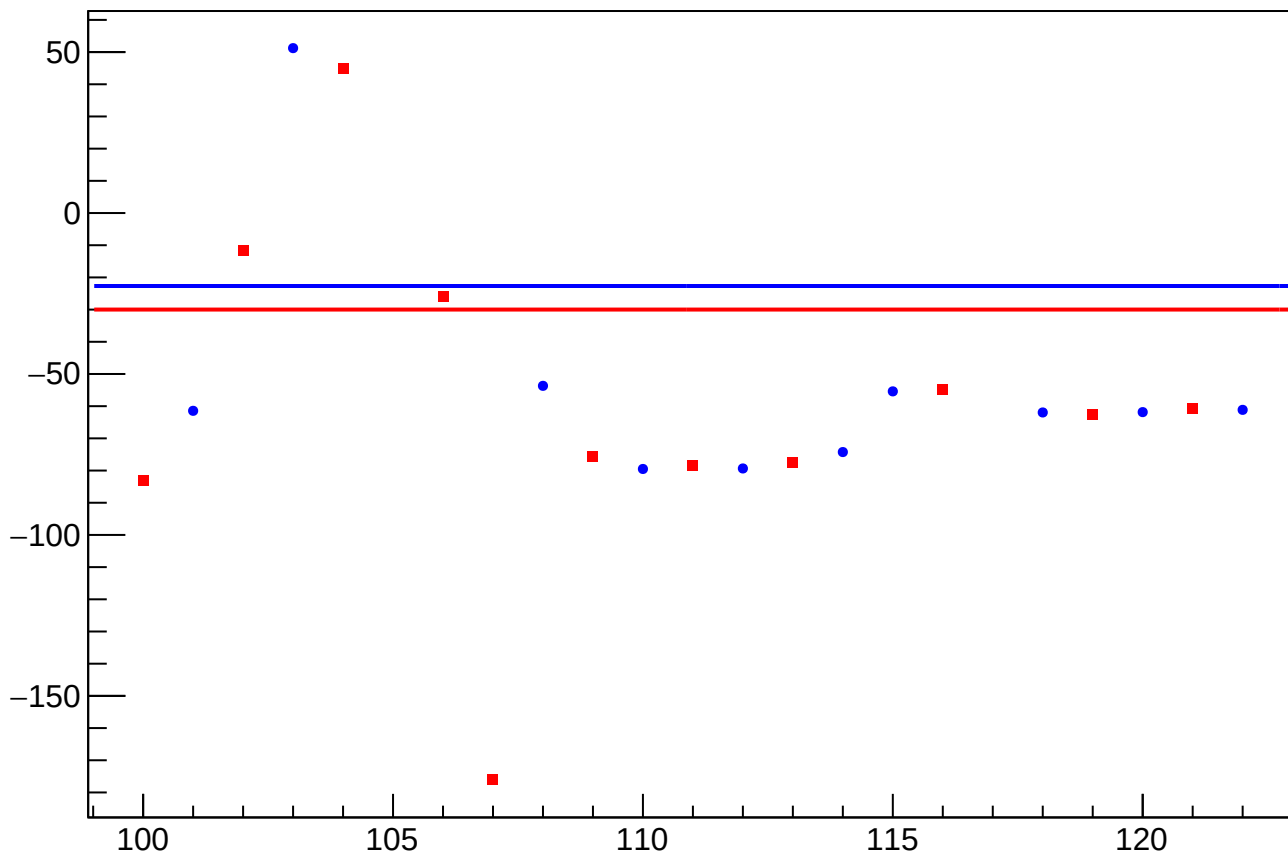
Right: -24.571+/-1.019 χ^2/NDF : 523.7/20

In: -23.502+/-1.440 χ^2/NDF : 339.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.571+/-1.019 χ^2/NDF : 523.7/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.668+/-0.085 χ^2/NDF : 424216.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.986+/-0.082 χ^2/NDF : 390175.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

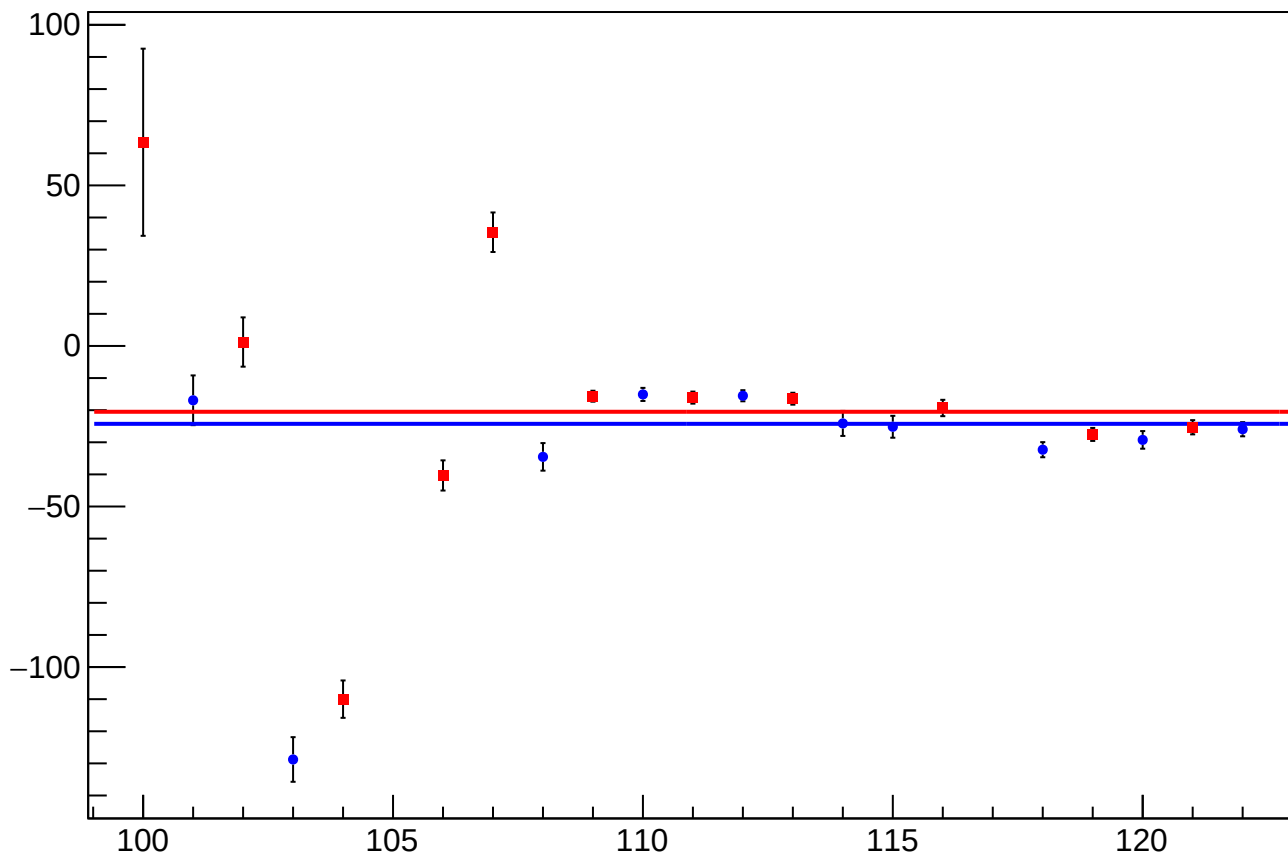
Right: -26.447+/-0.059 χ^2/NDF : 818263.1/20

In: -22.668+/-0.085 χ^2/NDF : 424216.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.447+/-0.059 χ^2/NDF : 818263.1/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.255+/-0.865 χ^2/NDF : 294.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.497+/-0.781 χ^2/NDF : 388.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

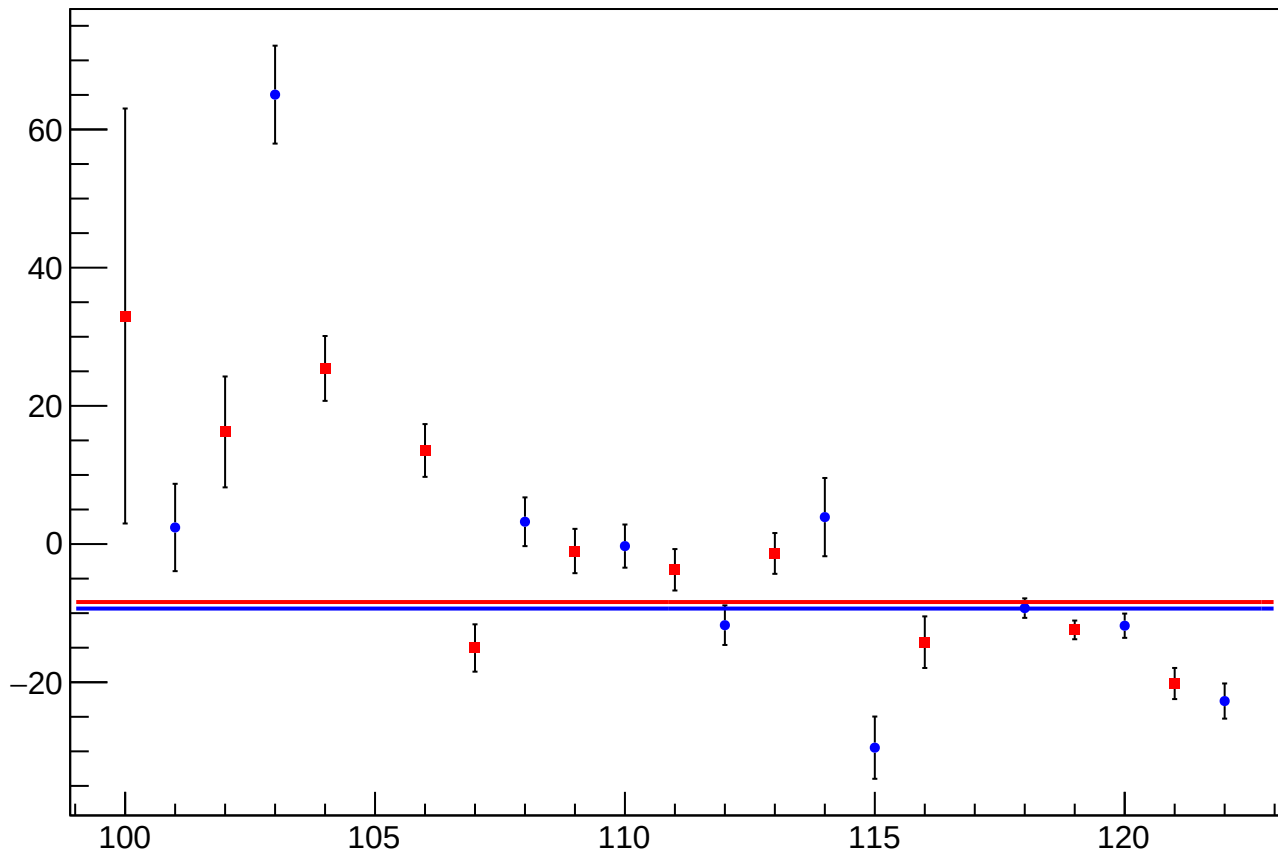
Right: -22.185+/-0.580 χ^2/NDF : 693.0/20

In: -24.255+/-0.865 χ^2/NDF : 294.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.185+/-0.580 χ^2/NDF : 693.0/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.336+/-0.842 χ^2/NDF : 190.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.391+/-0.859 χ^2/NDF : 152.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

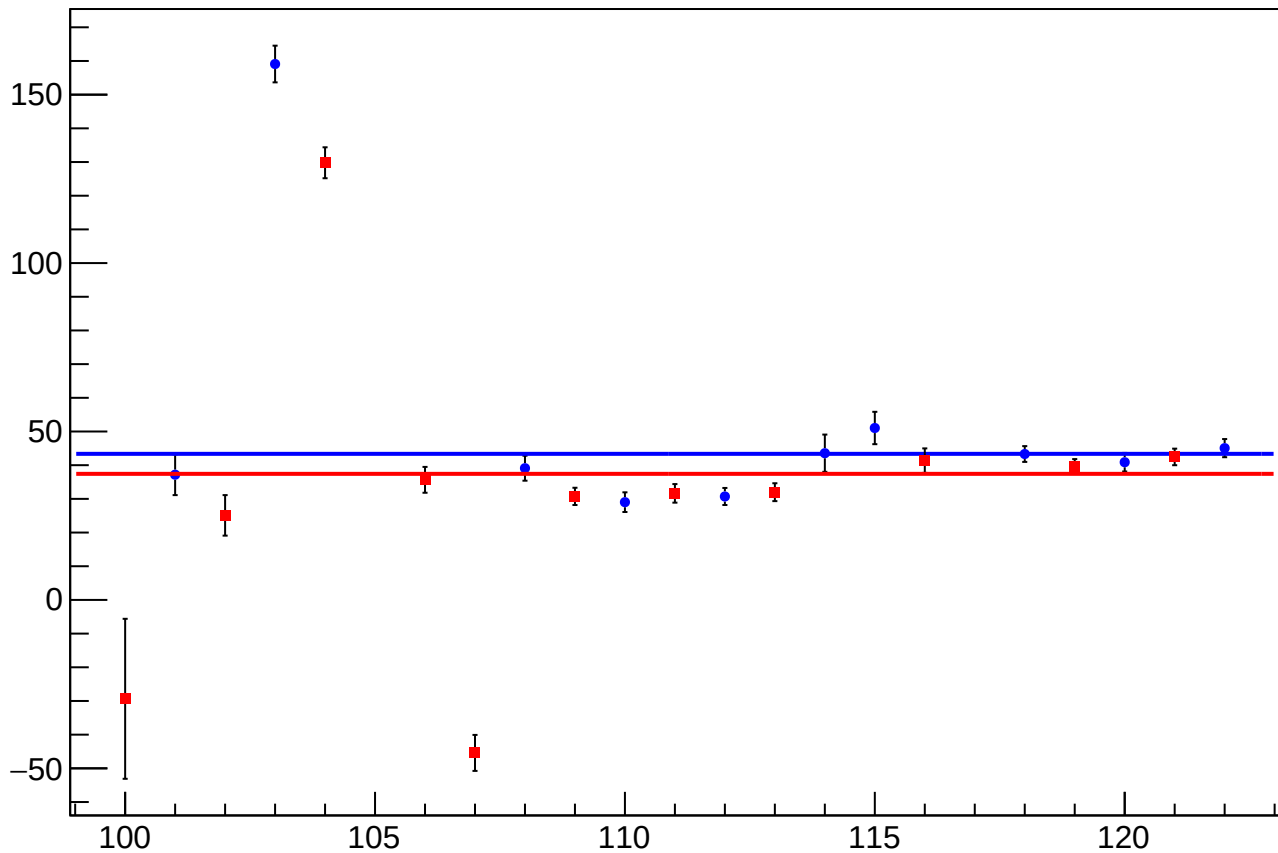
Right: -8.873+/-0.601 χ^2/NDF : 343.2/20

In: -9.336+/-0.842 χ^2/NDF : 190.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.873+/-0.601 χ^2/NDF : 343.2/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.369+/-1.034 χ^2/NDF : 506.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.963 χ^2/NDF : 679.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

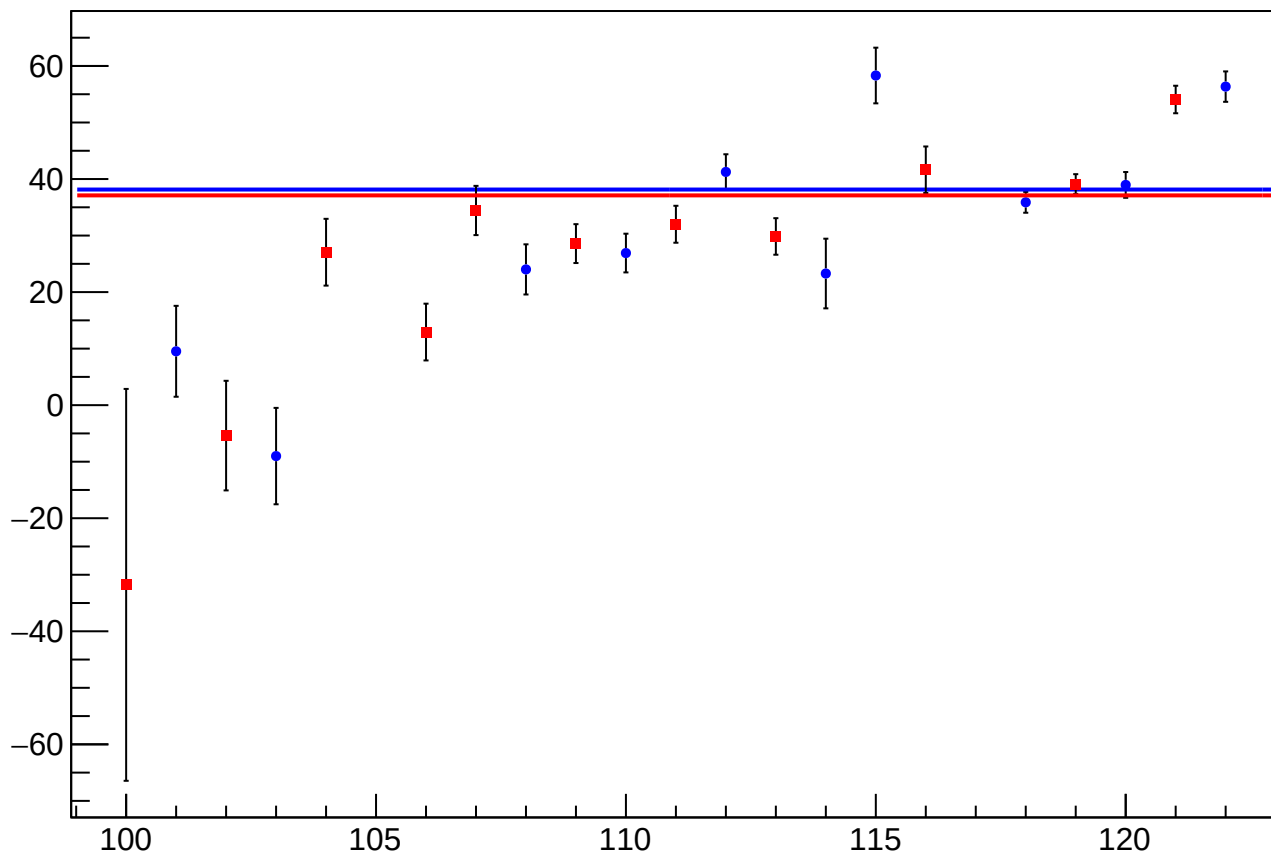
Right: 40.186+/-0.705 χ^2/NDF : 1203.5/20

In: 43.369+/-1.034 χ^2/NDF : 506.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.186+/-0.705 χ^2/NDF : 1203.5/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.143+/-1.021 χ^2/NDF : 135.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.107+/-1.019 χ^2/NDF : 114.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

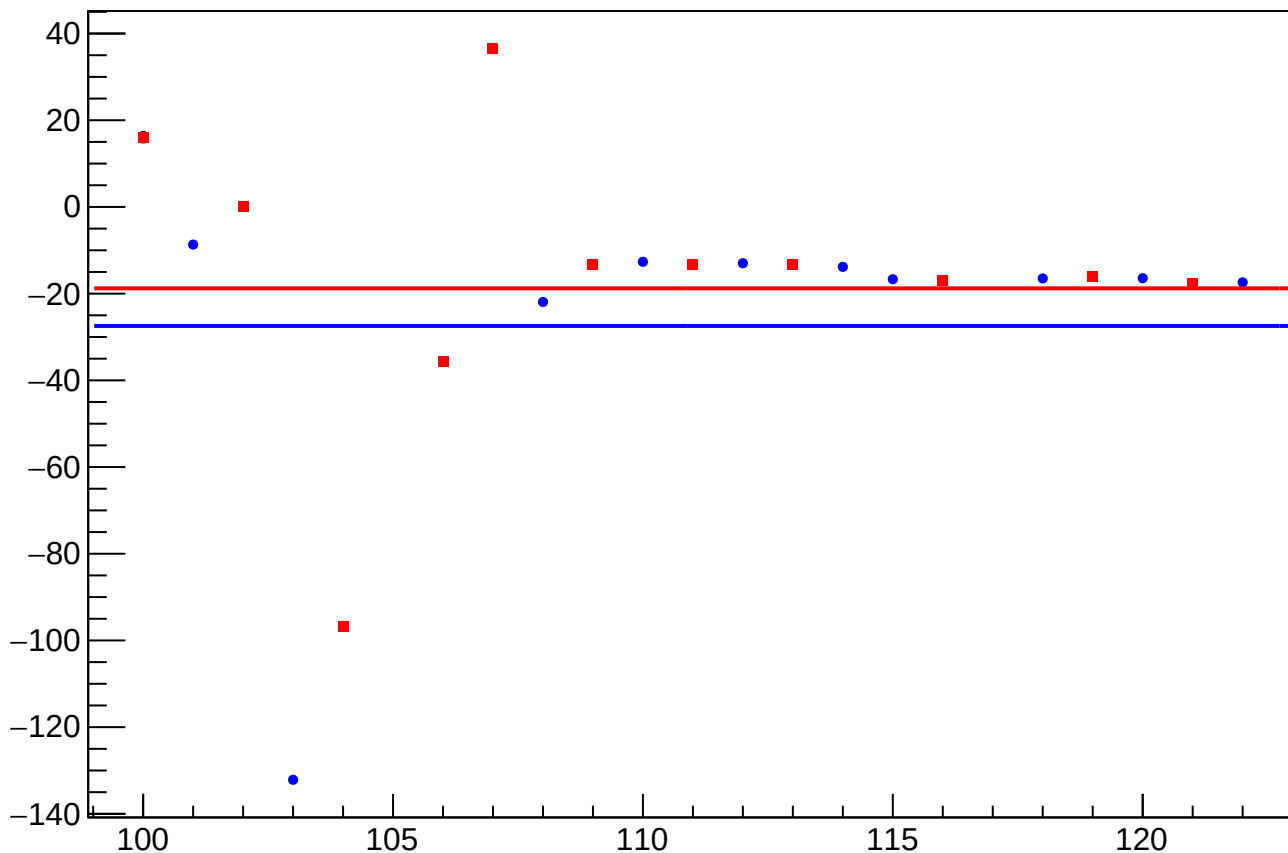
Right: 37.624+/-0.721 χ^2/NDF : 250.1/20

In: 38.143+/-1.021 χ^2/NDF : 135.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.624+/-0.721 χ^2/NDF : 250.1/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.447+/-0.071 χ^2/NDF : 229545.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.781+/-0.065 χ^2/NDF : 203521.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

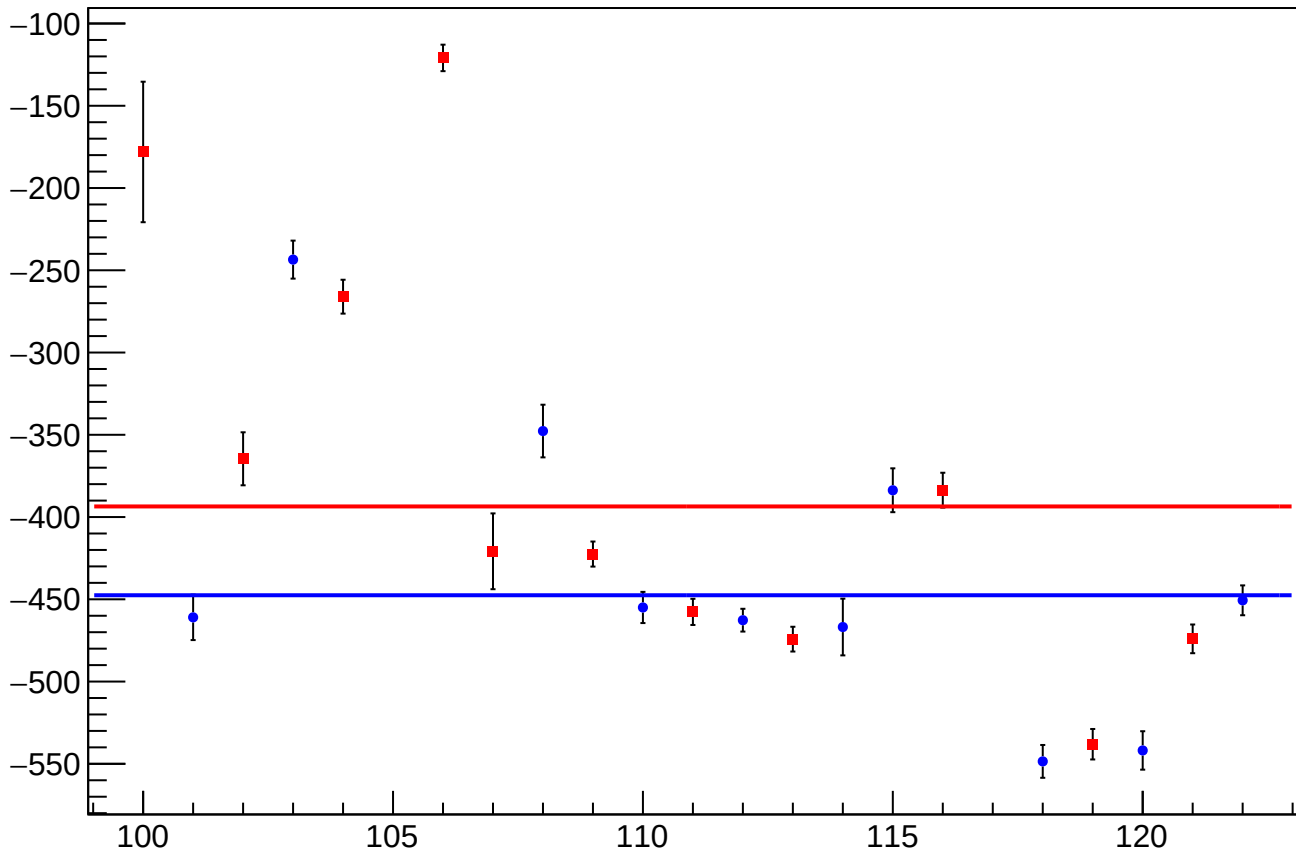
Right: -22.777+/-0.048 χ^2/NDF : 441197.6/20

In: -27.447+/-0.071 χ^2/NDF : 229545.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.777+/-0.048 χ^2/NDF : 441197.6/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -447.534+/-3.387 χ^2/NDF : 549.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.555+/-2.942 χ^2/NDF : 1854.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

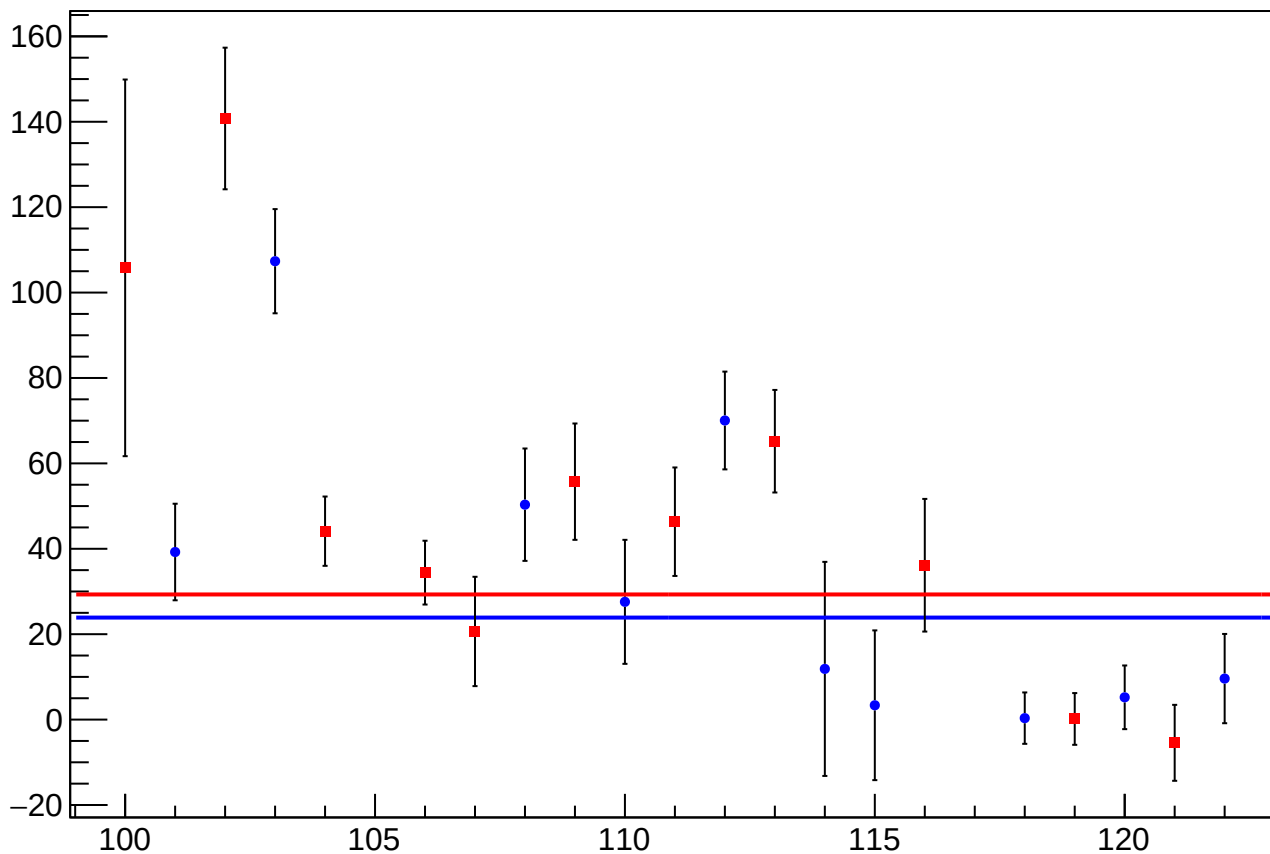
Right: -416.763+/-2.221 χ^2/NDF : 2548.6/20

In: -447.534+/-3.387 χ^2/NDF : 549.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.763+/-2.221 χ^2/NDF : 2548.6/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.890 $\pm$ 3.292 χ^2 /NDF: 94.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.305 $\pm$ 3.073 χ^2 /NDF: 105.6/10

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

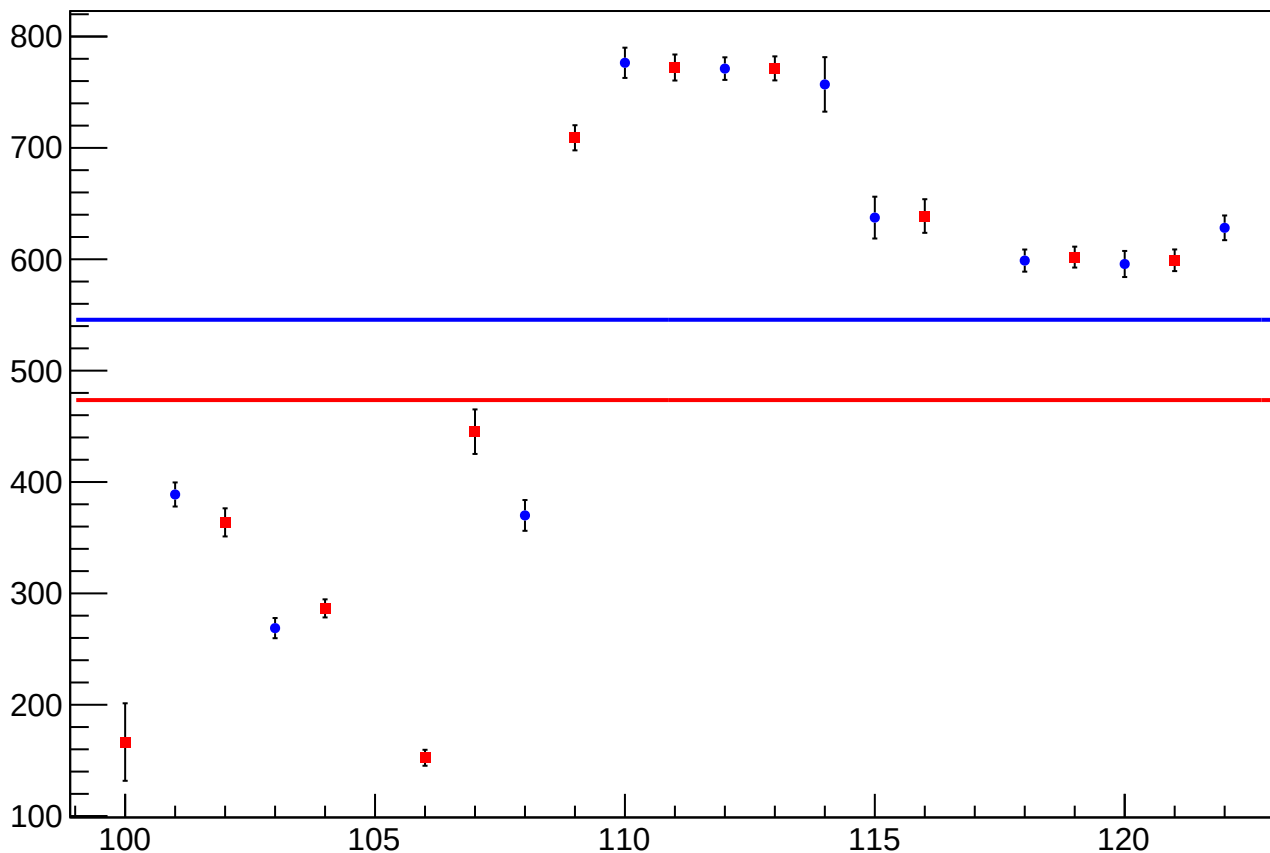
Right: 26.783 $\pm$ 2.246 χ^2 /NDF: 201.0/20

In: 23.890 $\pm$ 3.292 χ^2 /NDF:94.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.783 $\pm$ 2.246 χ^2 /NDF: 201.0/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 545.682+/-3.748 χ^2/NDF : 2289.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 473.571+/-3.256 χ^2/NDF : 5018.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

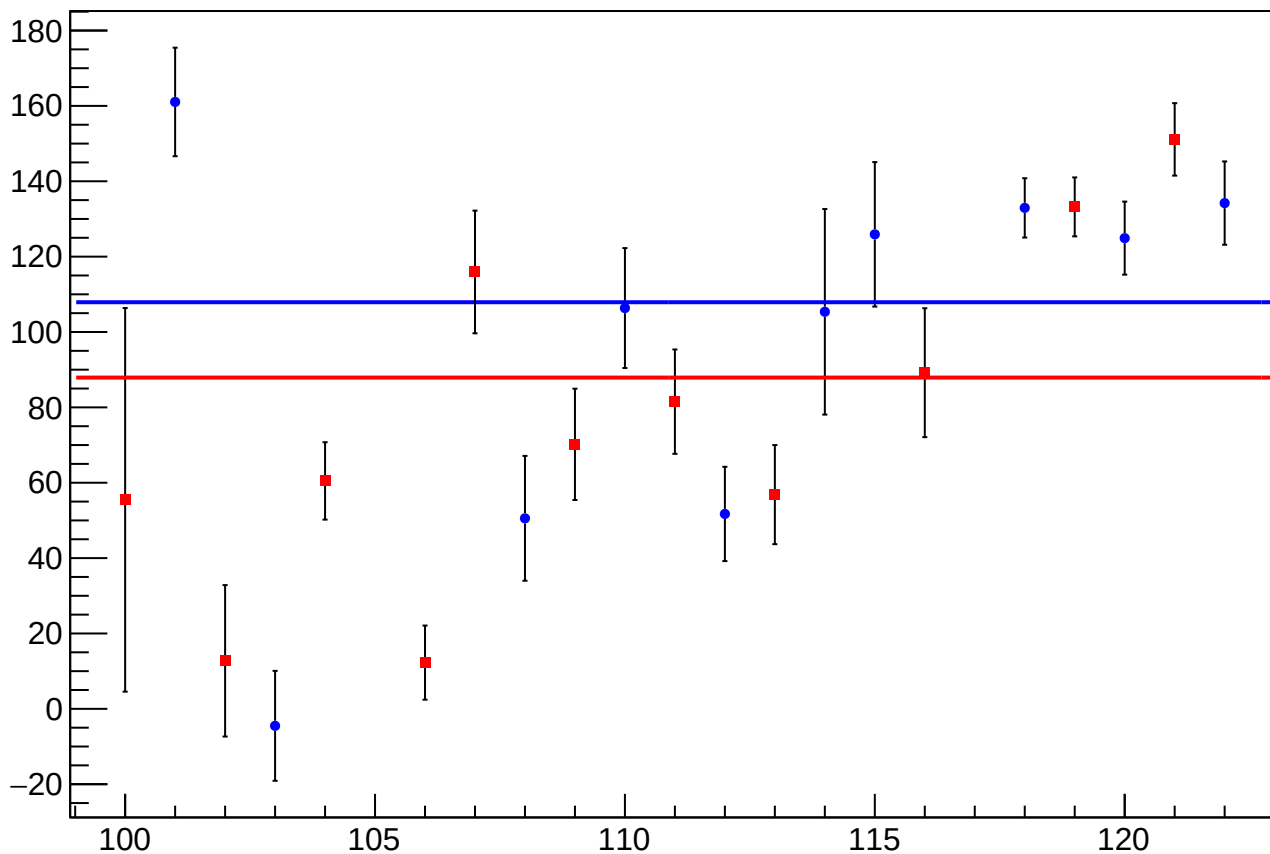
Right: 504.586+/-2.458 χ^2/NDF : 7518.5/20

In: 545.682+/-3.748 χ^2/NDF : 2289.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.586+/-2.458 χ^2/NDF : 7518.5/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.901+/-3.999 χ^2/NDF : 124.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.905+/-3.711 χ^2/NDF : 167.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

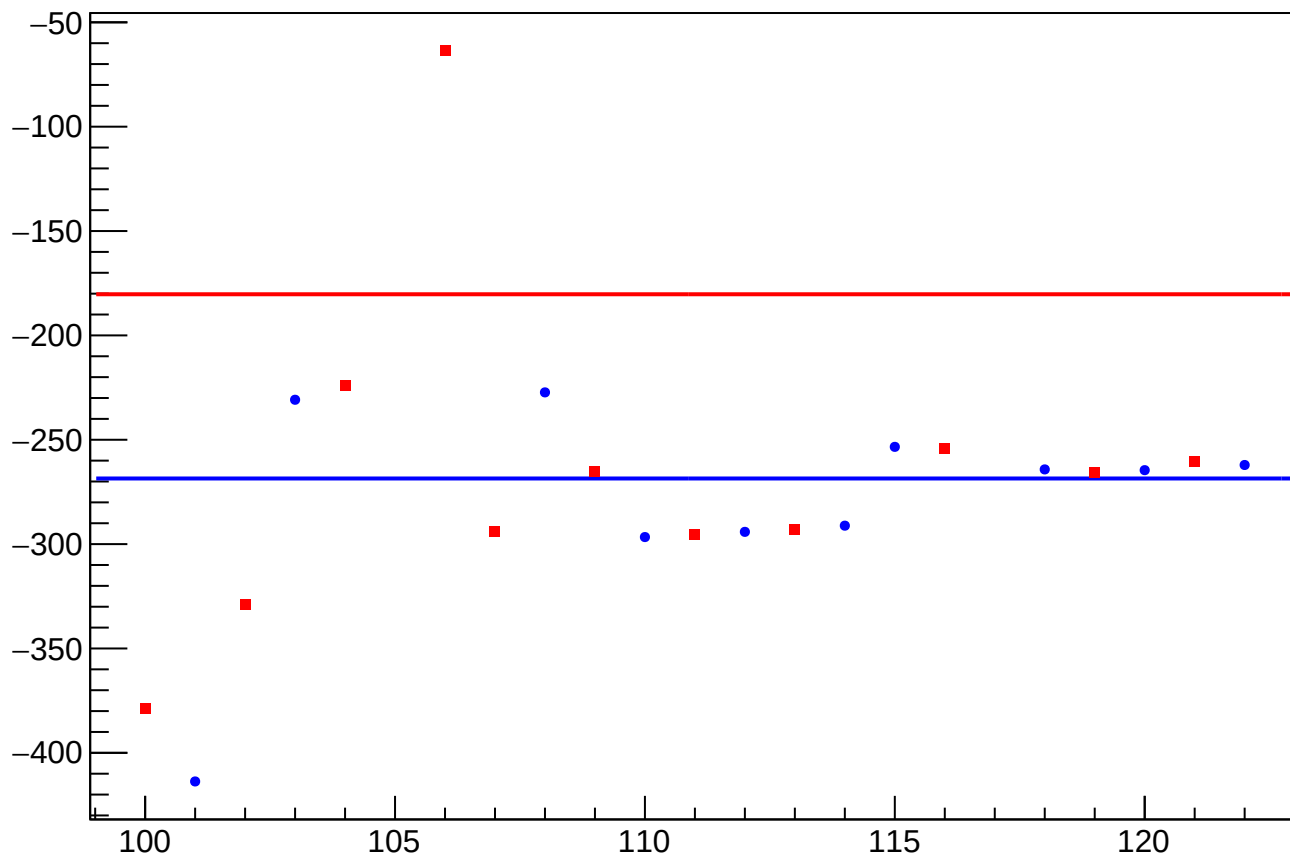
Right: 97.157+/-2.720 χ^2/NDF : 306.0/20

In: 107.901+/-3.999 χ^2/NDF : 124.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.157+/-2.720 χ^2/NDF : 306.0/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -268.557+/-0.225 χ^2/NDF : 67689.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -180.289+/-0.168 χ^2/NDF : 399820.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

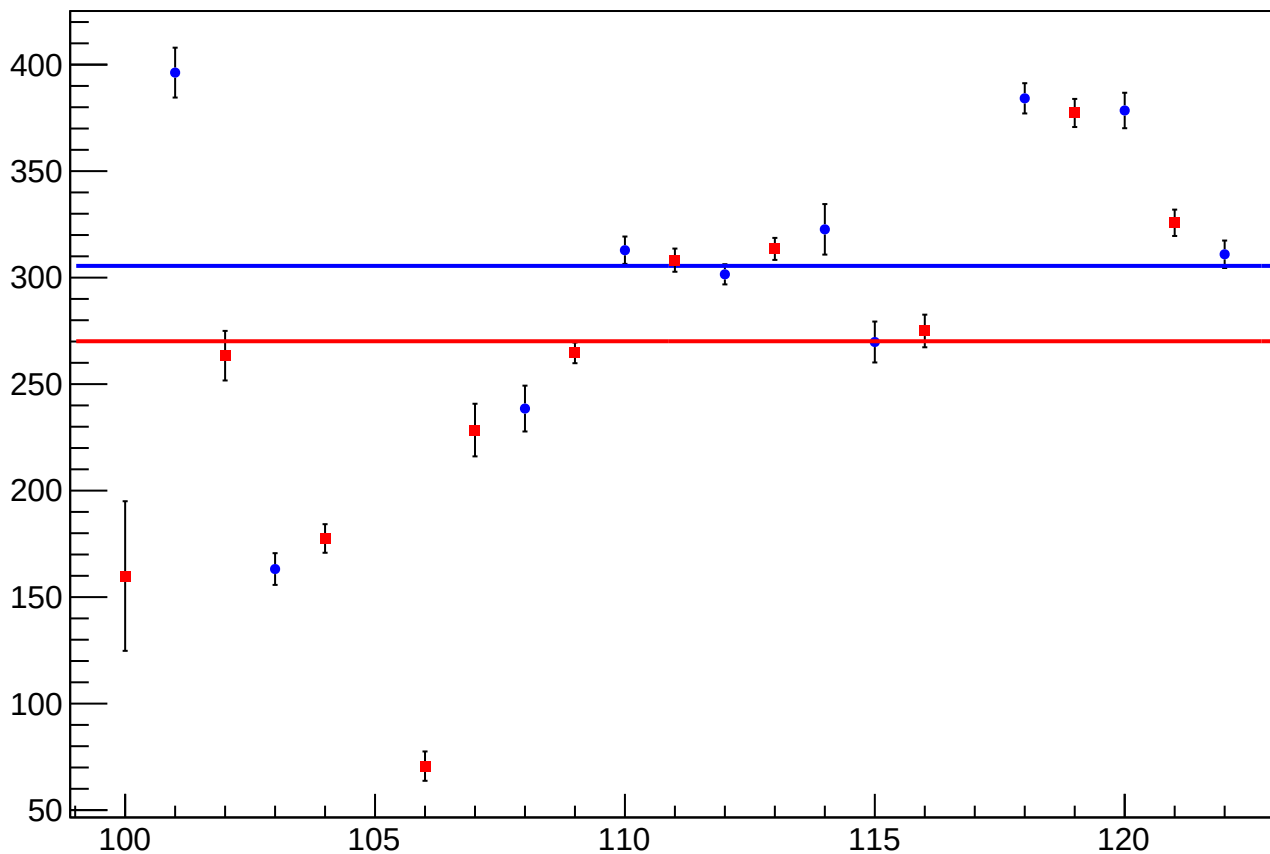
Right: -212.047+/-0.135 χ^2/NDF : 566346.9/20

In: -268.557+/-0.225 χ^2/NDF : 67689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.047+/-0.135 χ^2/NDF : 566346.9/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 305.511 $\pm$ 2.363 χ^2 /NDF: 682.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 270.131 $\pm$ 2.051 χ^2 /NDF: 1516.1/10

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

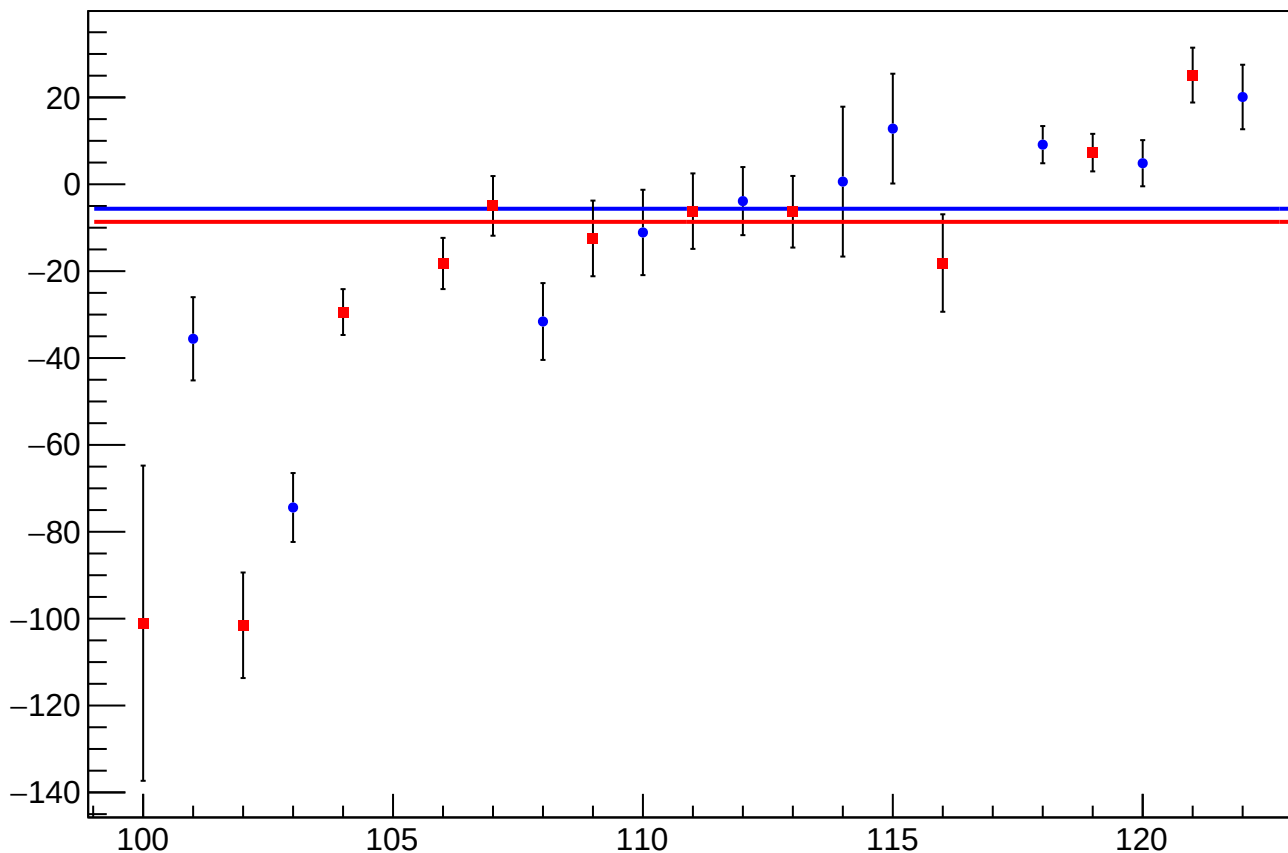
Right: 285.329 $\pm$ 1.549 χ^2 /NDF: 2326.0/20

In: 305.511 $\pm$ 2.363 χ^2 /NDF:682.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.329 $\pm$ 1.549 χ^2 /NDF: 2326.0/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.634+/-2.332 χ^2/NDF : 123.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.651+/-2.127 χ^2/NDF : 126.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

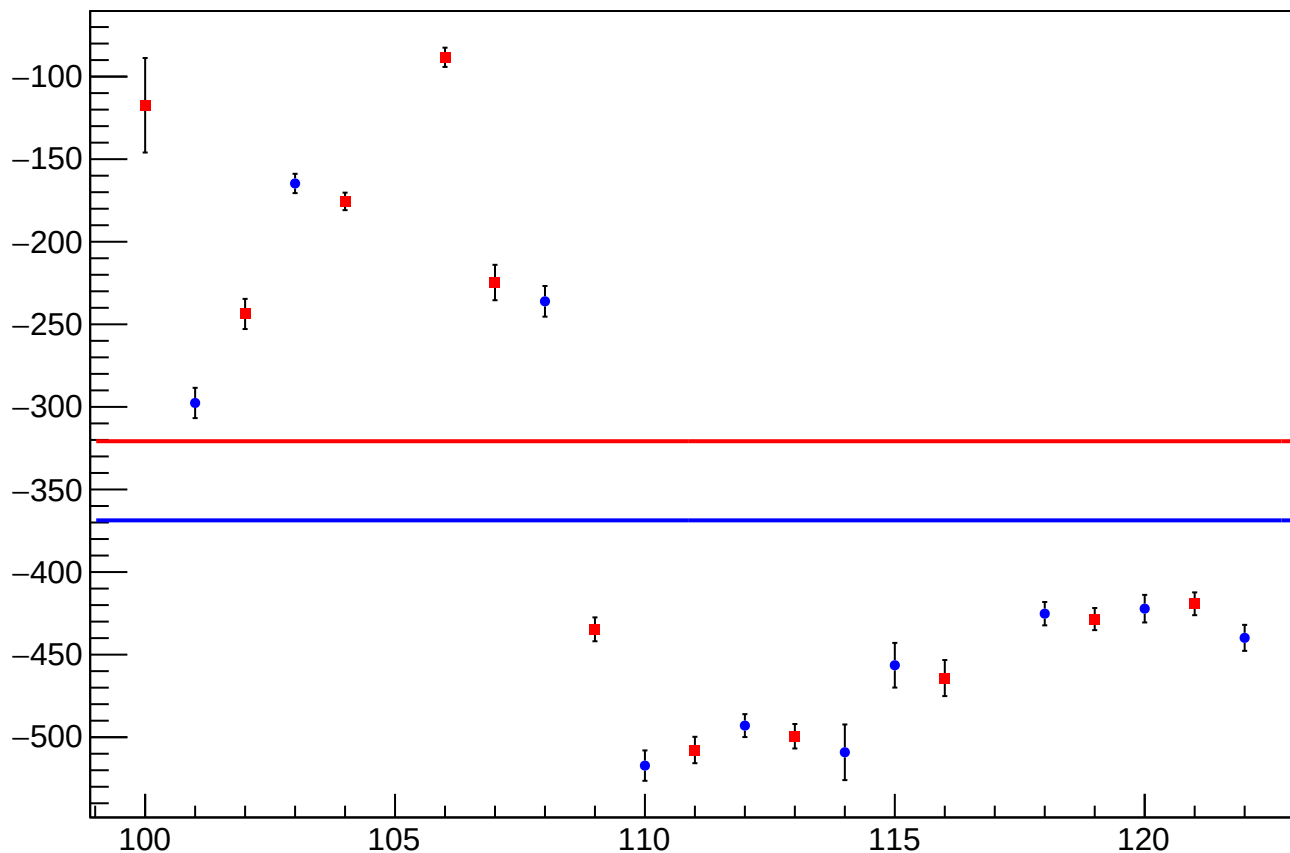
Right: -7.281+/-1.571 χ^2/NDF : 251.5/20

In: -5.634+/-2.332 χ^2/NDF : 123.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.281+/-1.571 χ^2/NDF : 251.5/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -368.703+/-2.628 χ^2/NDF : 2360.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -320.774+/-2.284 χ^2/NDF : 4557.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

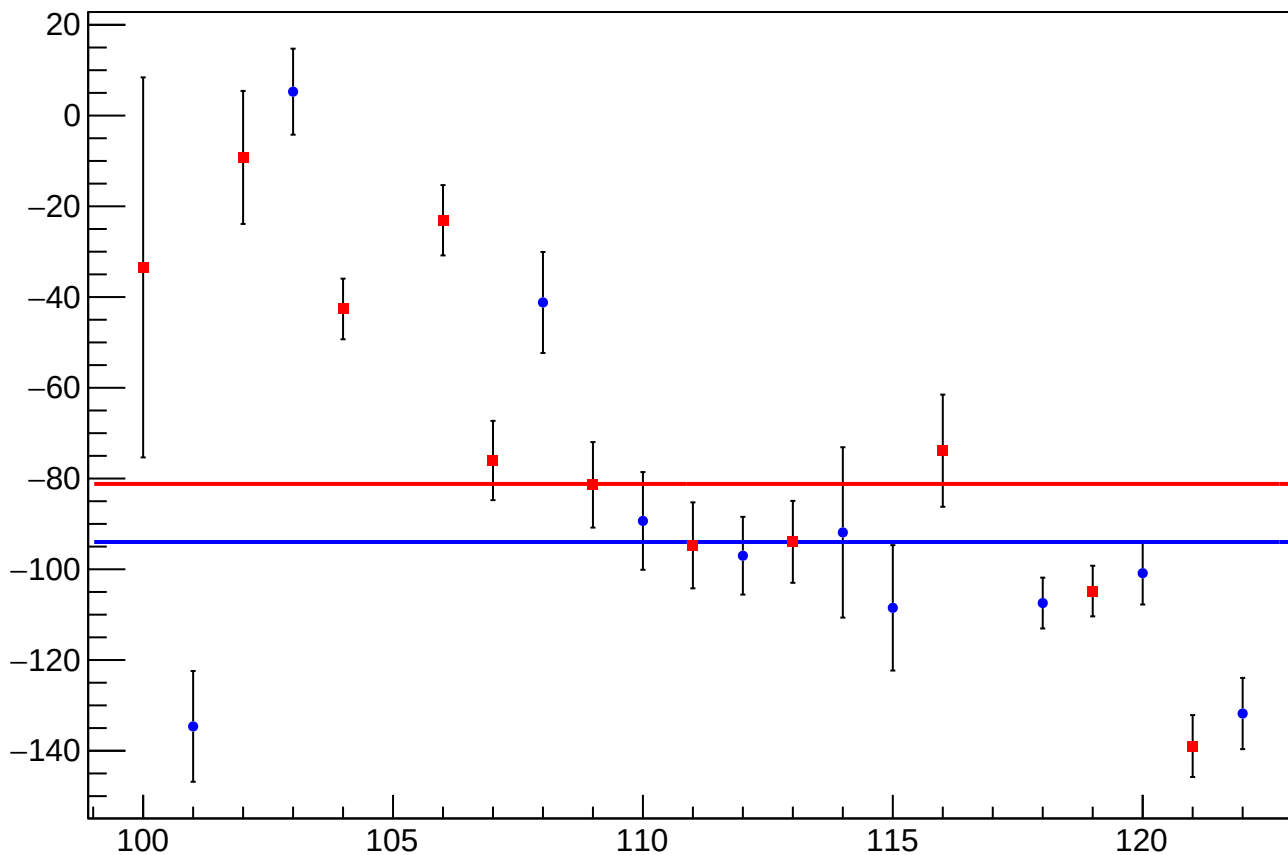
Right: -341.394+/-1.724 χ^2/NDF : 7107.9/20

In: -368.703+/-2.628 χ^2/NDF :2360.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -341.394+/-1.724 χ^2/NDF : 7107.9/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -93.986 $\pm$ 2.825 χ^2 /NDF: 174.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.186 $\pm$ 2.563 χ^2 /NDF: 209.3/10

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

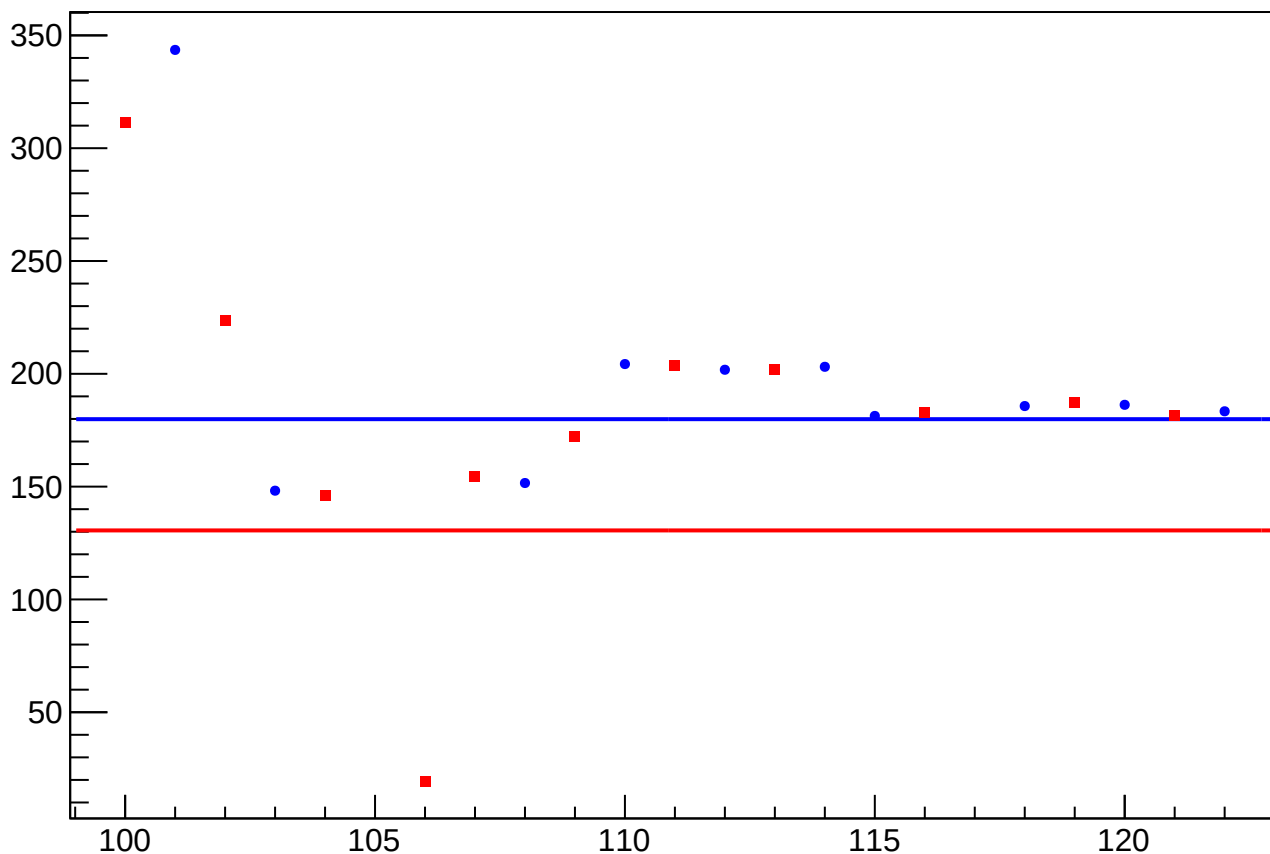
Right: -86.964 $\pm$ 1.898 χ^2 /NDF: 395.1/20

In: -93.986 $\pm$ 2.825 χ^2 /NDF:174.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -86.964 $\pm$ 1.898 χ^2 /NDF: 395.1/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 179.898+/-0.155 χ^2/NDF : 114877.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.587+/-0.126 χ^2/NDF : 366380.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

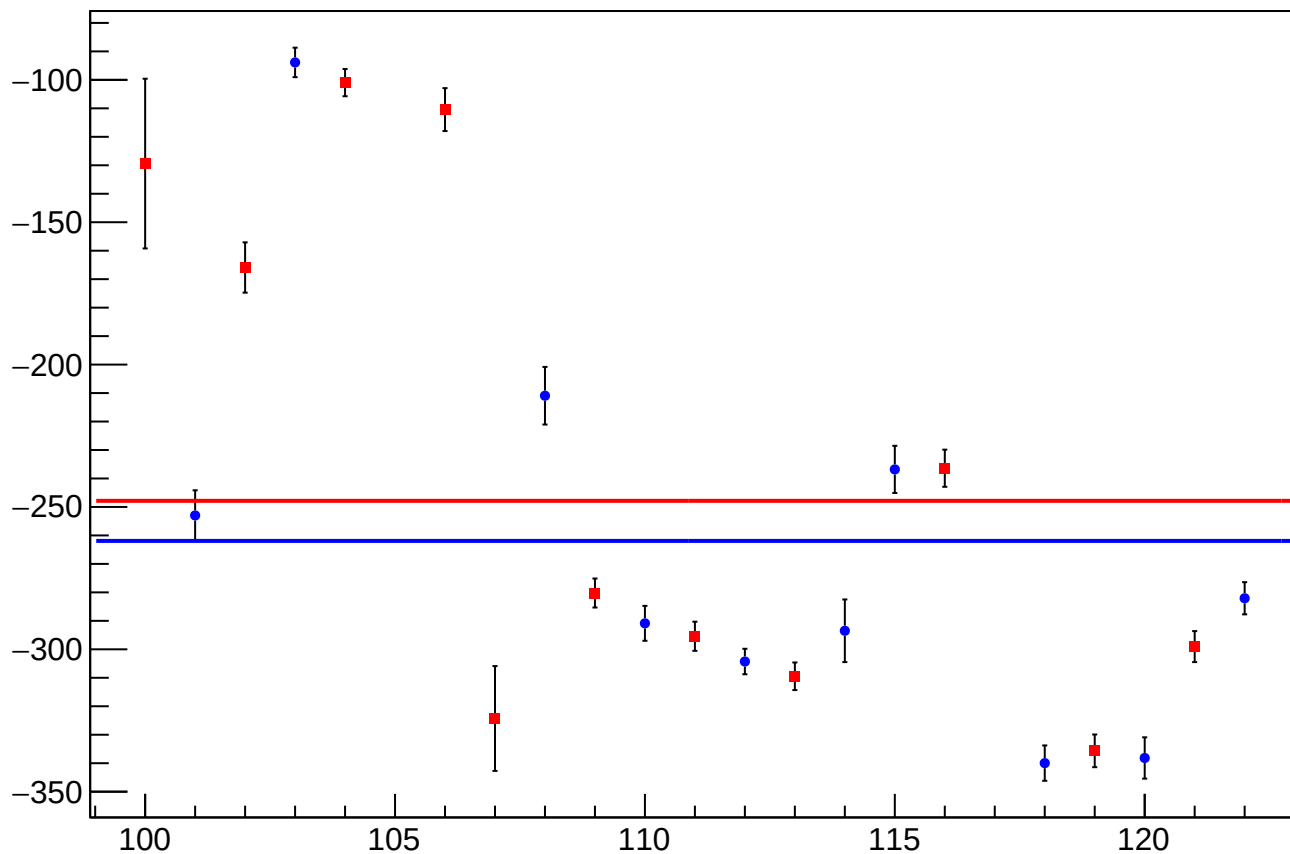
Right: 150.193+/-0.097 χ^2/NDF : 542604.4/20

In: 179.898+/-0.155 χ^2/NDF : 114877.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.193+/-0.097 χ^2/NDF : 542604.4/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -261.925+/-2.060 χ^2/NDF : 1491.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -247.845+/-1.873 χ^2/NDF : 2010.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

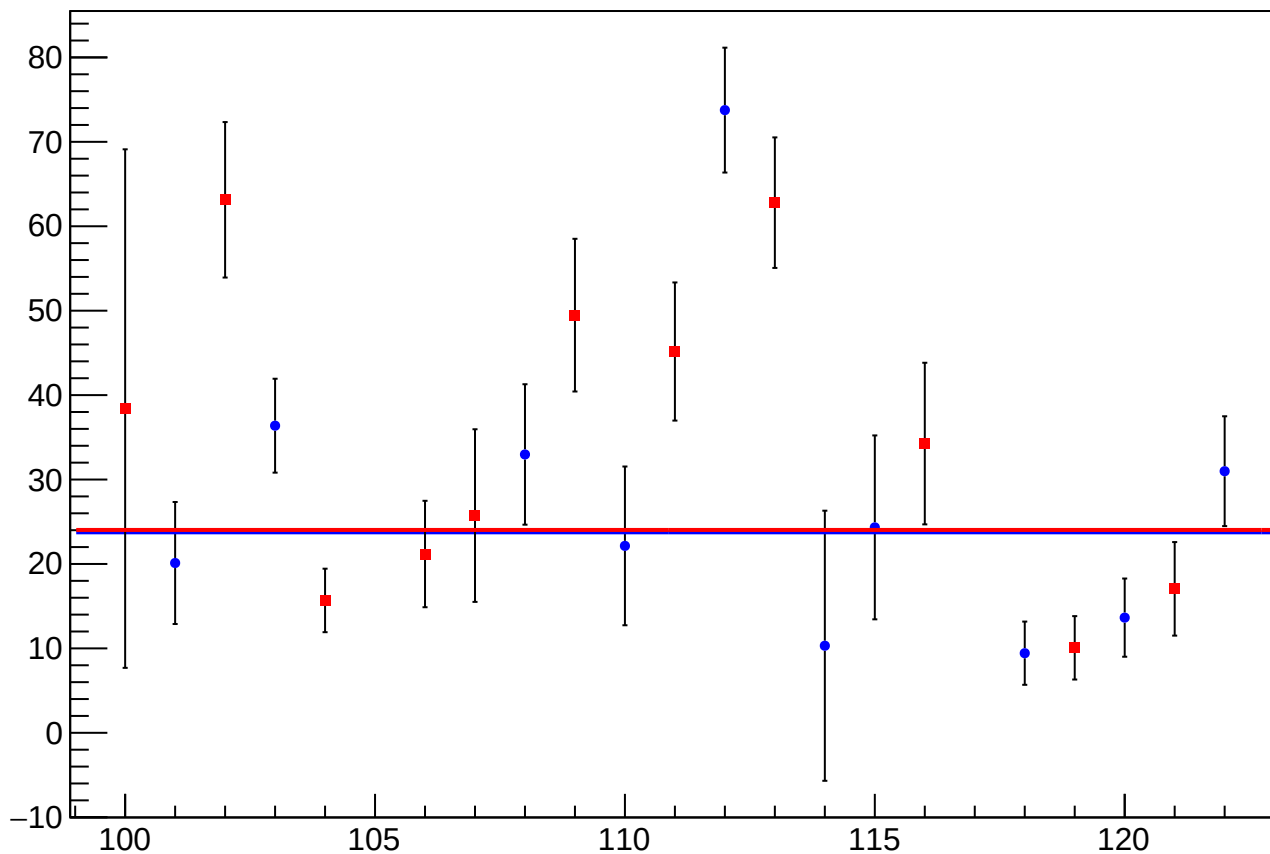
Right: -254.215+/-1.386 χ^2/NDF : 3527.0/20

In: -261.925+/-2.060 χ^2/NDF :1491.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -254.215+/-1.386 χ^2/NDF : 3527.0/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.748+/-2.002 χ^2/NDF : 73.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.029+/-1.901 χ^2/NDF : 79.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

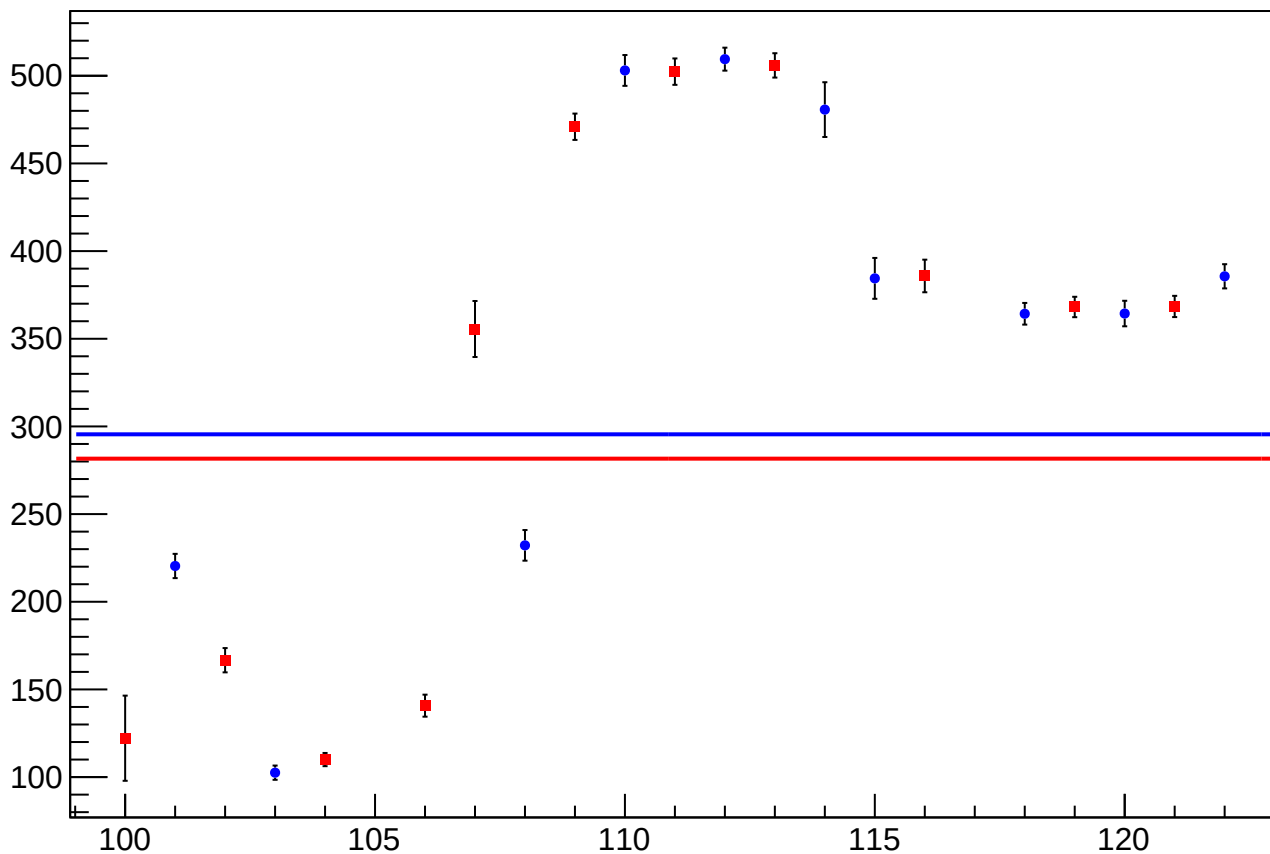
Right: 23.896+/-1.379 χ^2/NDF : 153.4/20

In: 23.748+/-2.002 χ^2/NDF : 73.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.896+/-1.379 χ^2/NDF : 153.4/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 295.502 $\pm$ 2.191 χ^2 /NDF: 4631.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 281.622 $\pm$ 2.013 χ^2 /NDF: 6008.7/10

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

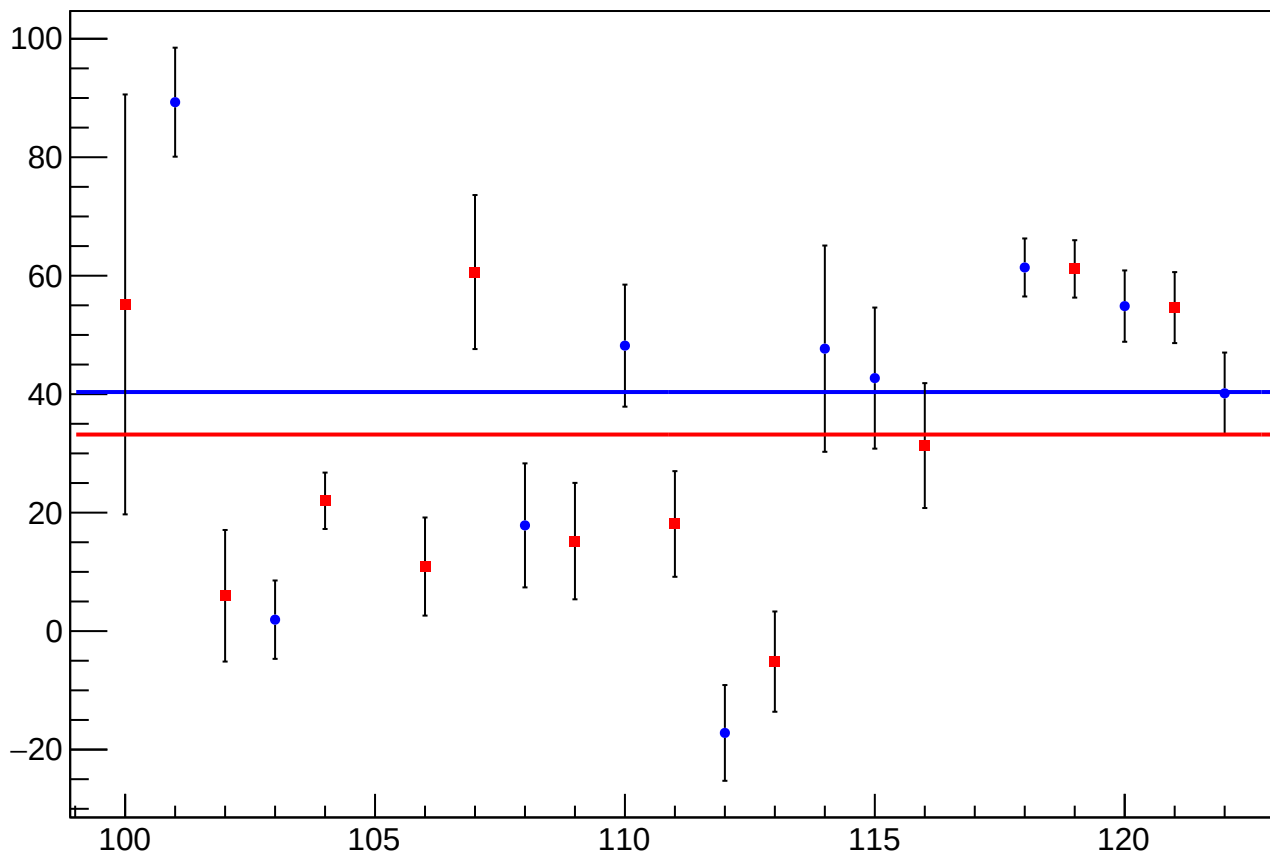
Right: 287.975 $\pm$ 1.483 χ^2 /NDF: 10662.1/20

In: 295.502 $\pm$ 2.191 χ^2 /NDF:4631.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 287.975 $\pm$ 1.483 χ^2 /NDF: 10662.1/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.361 $\pm$ 2.431 χ^2 /NDF: 142.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.186 $\pm$ 2.295 χ^2 /NDF: 96.4/10

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

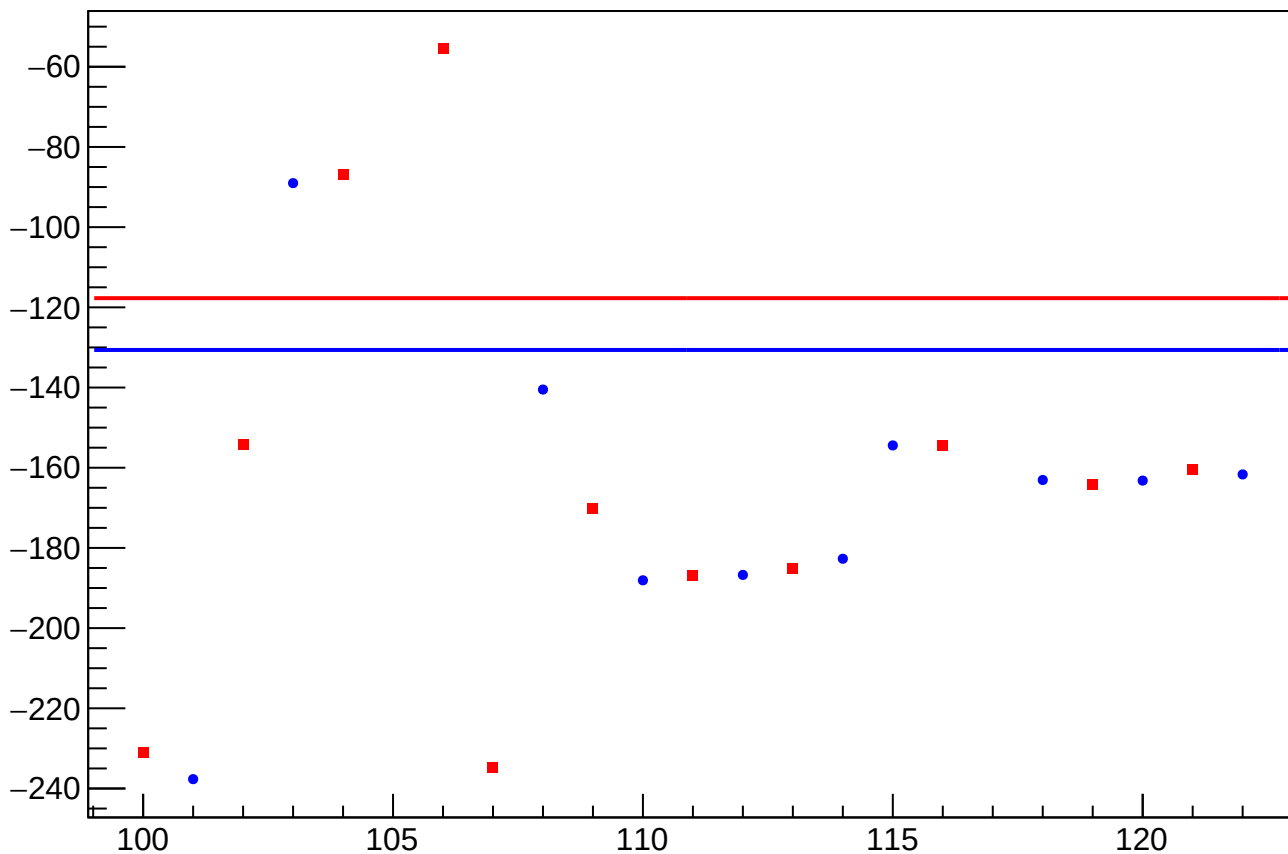
Right: 36.568 $\pm$ 1.669 χ^2 /NDF: 243.4/20

In: 40.361 $\pm$ 2.431 χ^2 /NDF:142.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.568 $\pm$ 1.669 χ^2 /NDF: 243.4/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -130.630+/-0.122 χ^2/NDF : 160487.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -117.711+/-0.111 χ^2/NDF : 202802.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

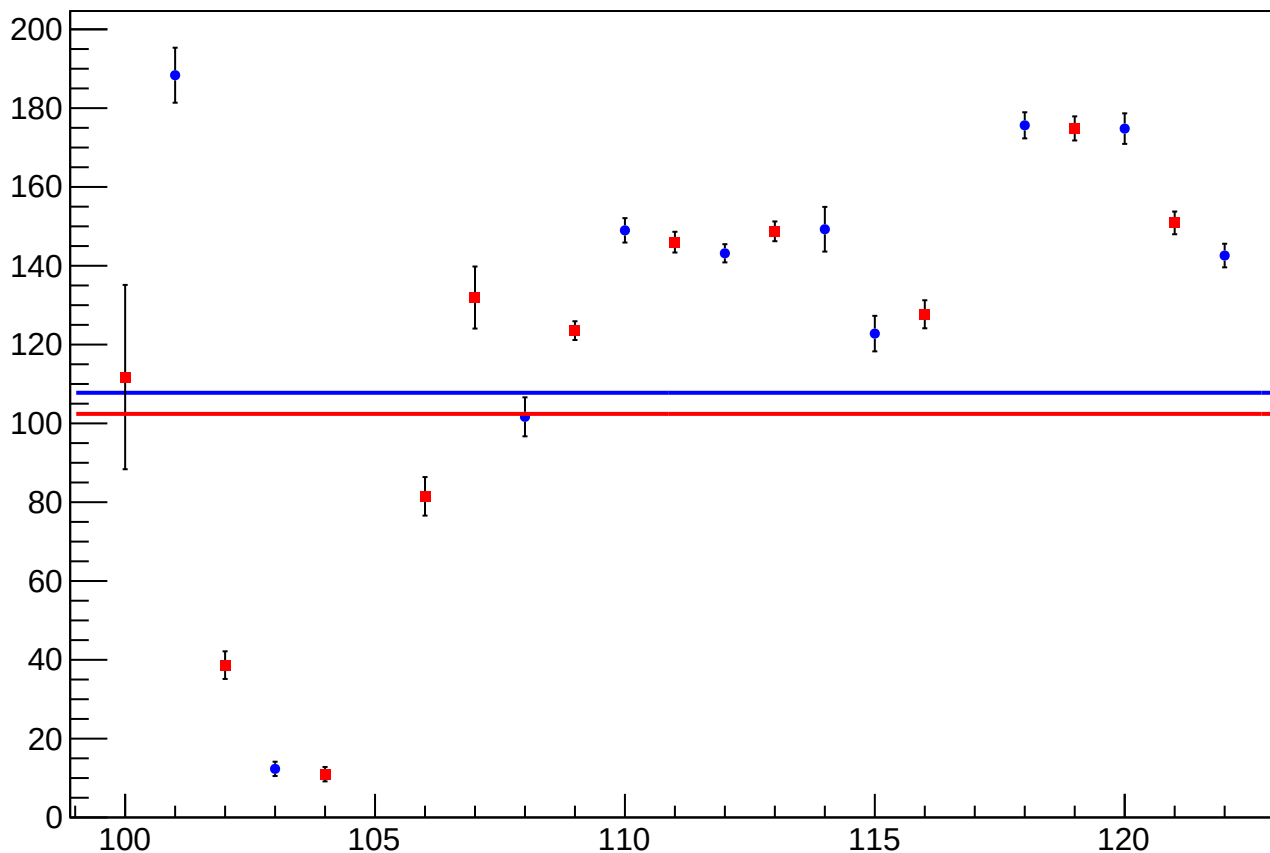
Right: -123.581+/-0.082 χ^2/NDF : 369397.3/20

In: -130.630+/-0.122 χ^2/NDF :160487.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -123.581+/-0.082 χ^2/NDF : 369397.3/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 107.769+/-0.997 χ^2/NDF : 4223.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.411+/-0.903 χ^2/NDF : 4456.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

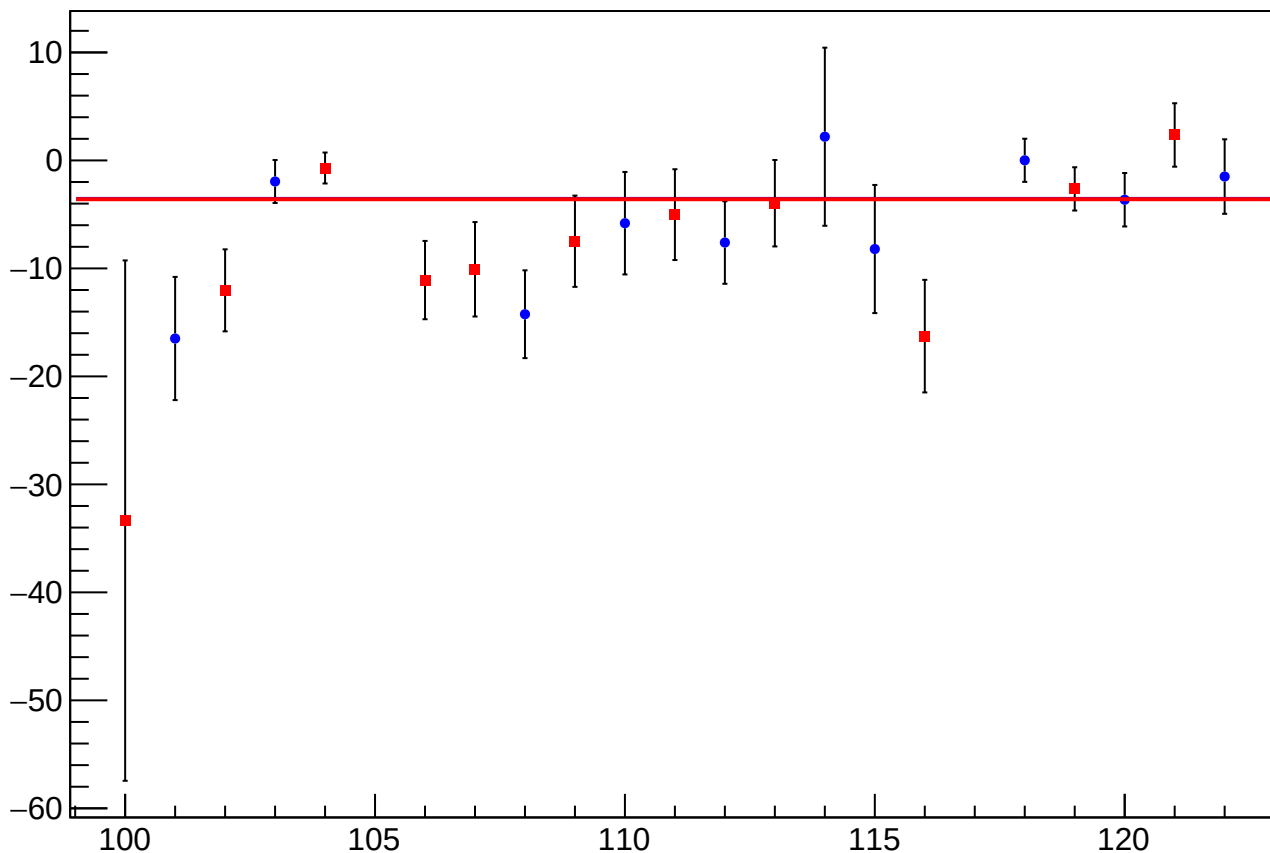
Right: 104.824+/-0.669 χ^2/NDF : 8695.5/20

In: 107.769+/-0.997 χ^2/NDF : 4223.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.824+/-0.669 χ^2/NDF : 8695.5/20

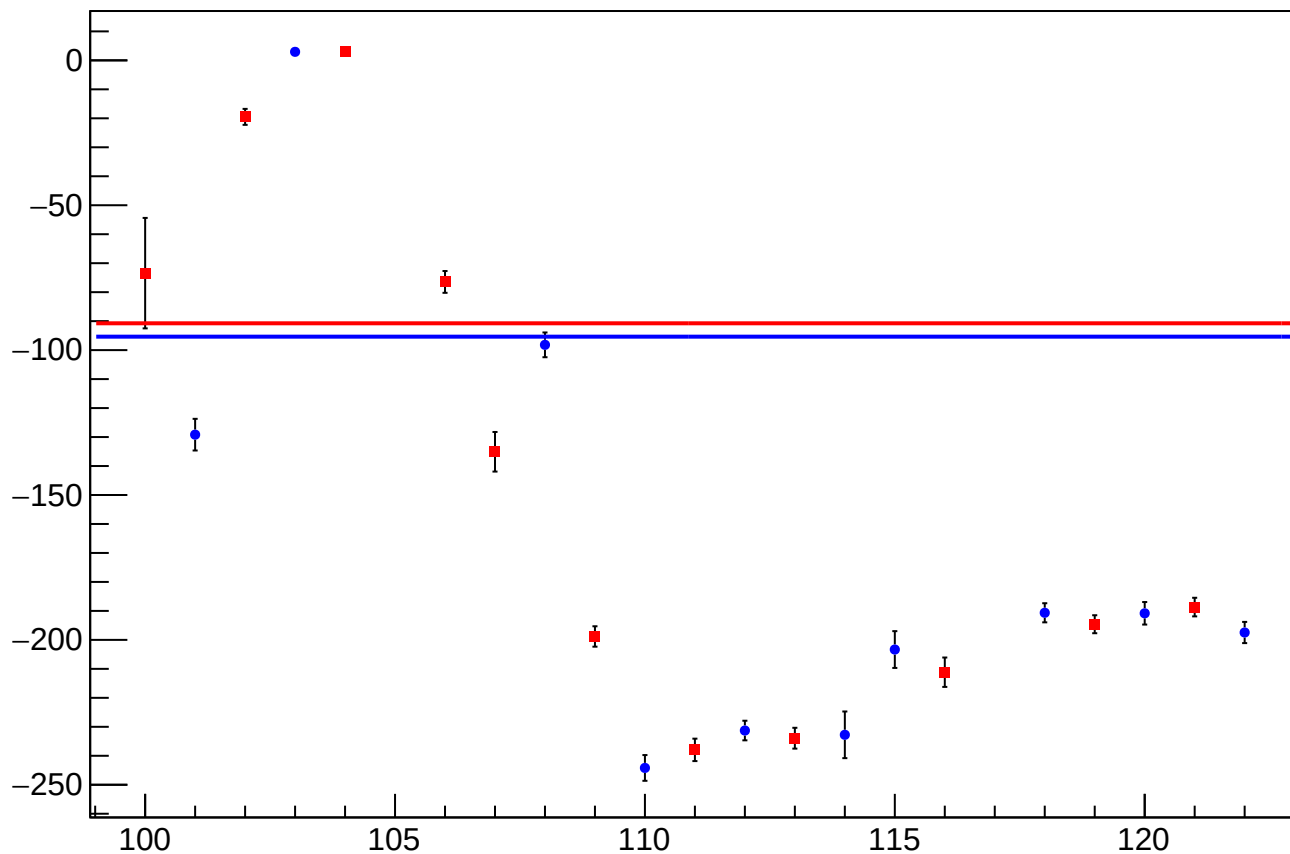
reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.565+/-1.001 χ^2/NDF : 18.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -3.591+/-0.890 χ^2/NDF : 28.2/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.580+/-0.665 χ^2/NDF : 46.9/20
 In: -3.565+/-1.001 χ^2/NDF :18.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -3.580+/-0.665 χ^2/NDF : 46.9/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.355+/-1.005 χ^2/NDF : 10313.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -90.743+/-0.923 χ^2/NDF : 11546.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

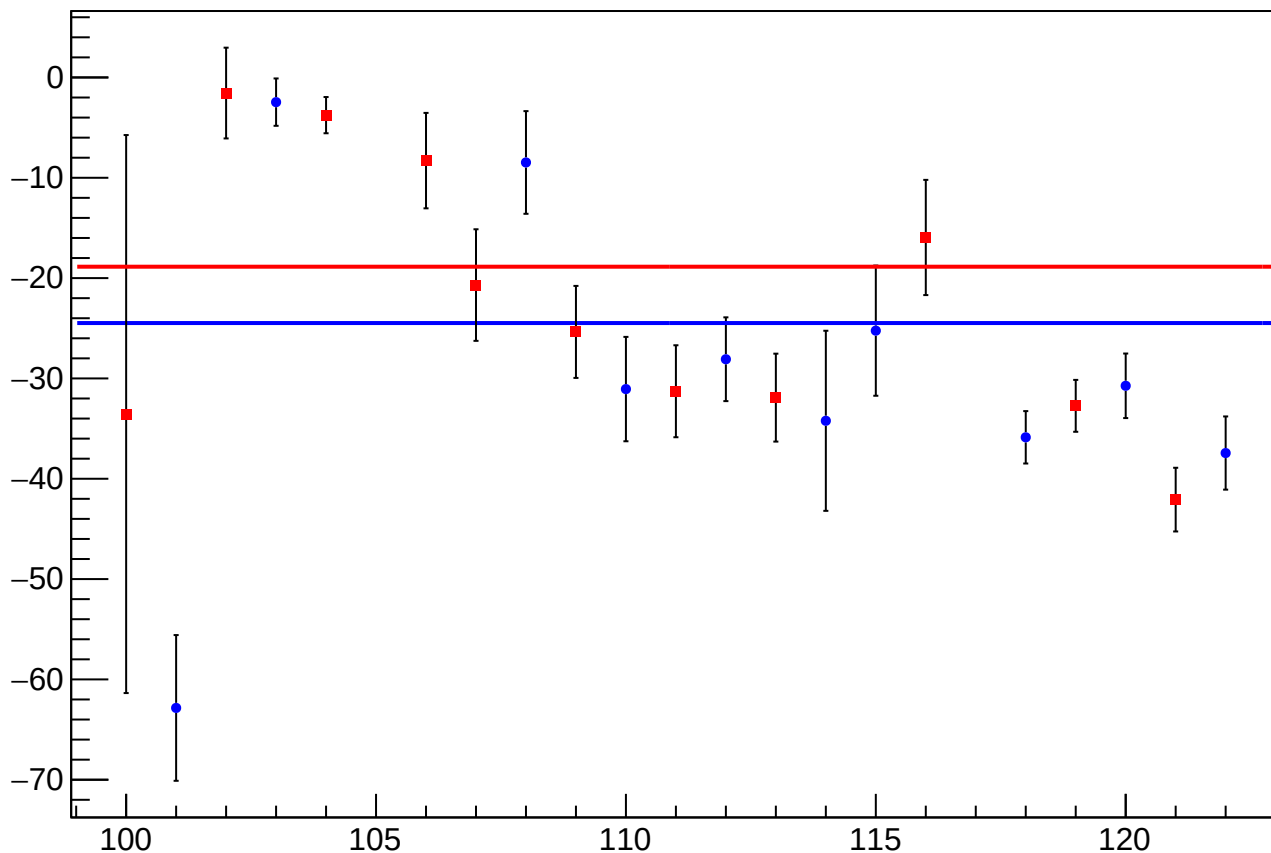
Right: -92.854+/-0.680 χ^2/NDF : 21871.5/20

In: -95.355+/-1.005 χ^2/NDF :10313.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -92.854+/-0.680 χ^2/NDF : 21871.5/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.480 ± 1.208 χ^2/NDF : 163.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.863 ± 1.079 χ^2/NDF : 190.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

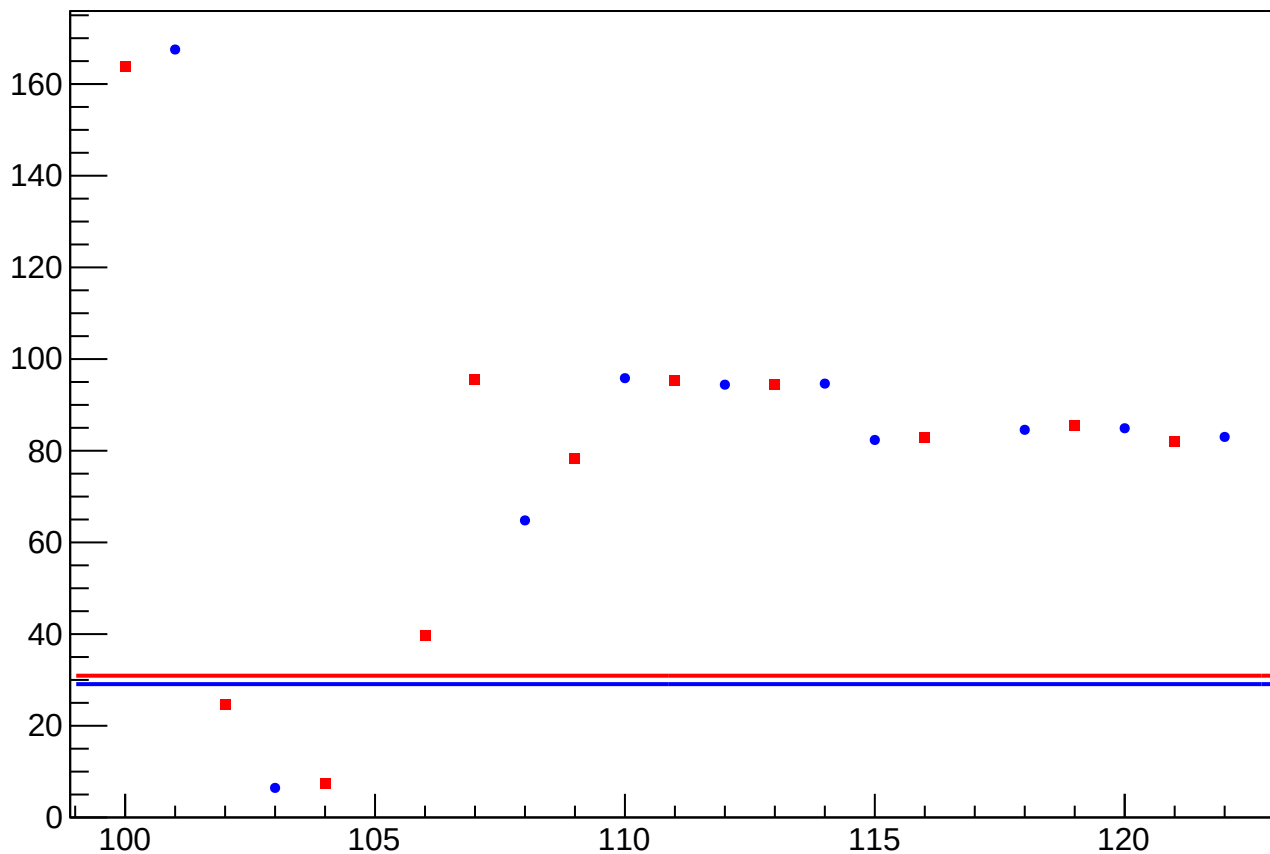
Right: -21.355 ± 0.804 χ^2/NDF : 366.4/20

In: -24.480 ± 1.208 χ^2/NDF : 163.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.355 ± 0.804 χ^2/NDF : 366.4/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 29.085+/-0.050 χ^2/NDF : 603228.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.925+/-0.050 χ^2/NDF : 437430.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

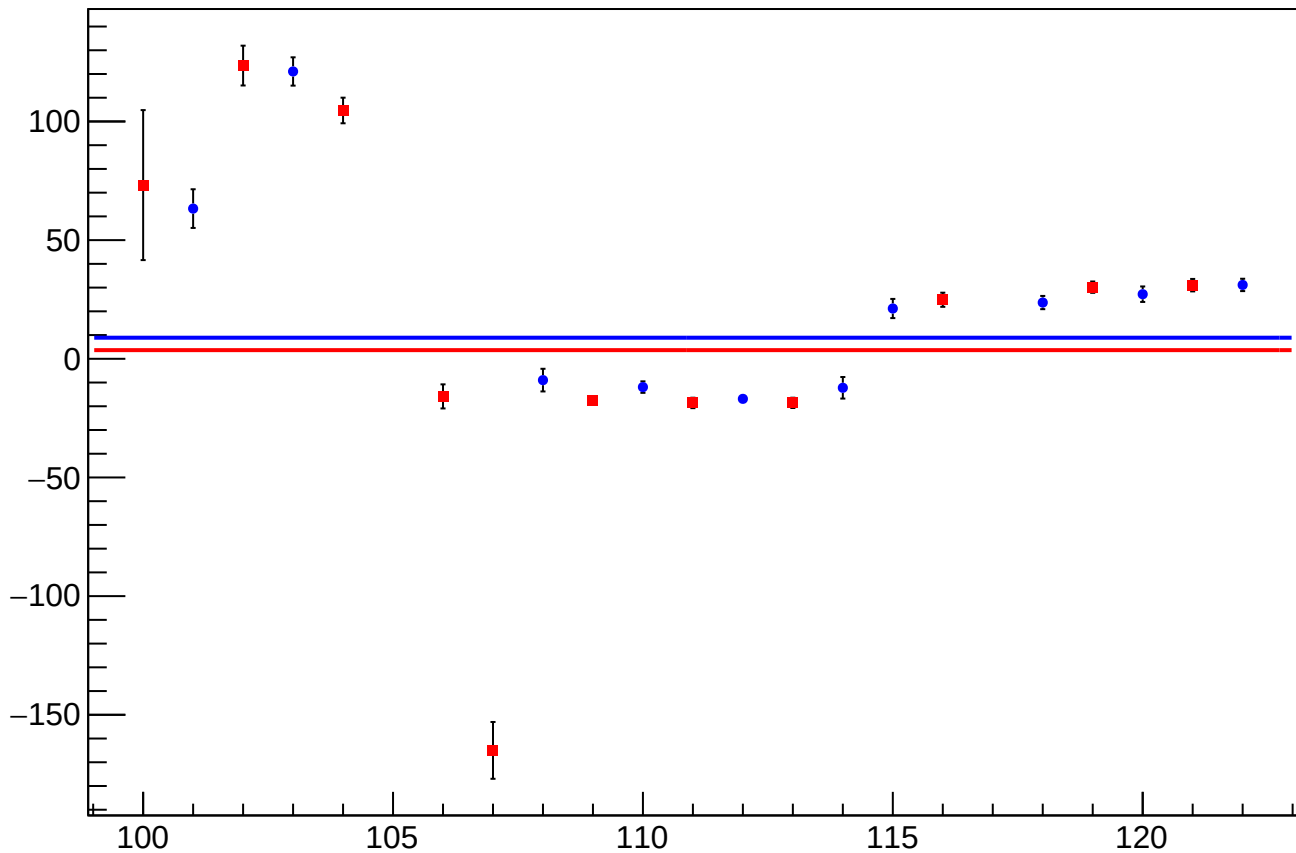
Right: 30.021+/-0.035 χ^2/NDF : 1041336.7/20

In: 29.085+/-0.050 χ^2/NDF :603228.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.021+/-0.035 χ^2/NDF : 1041336.7/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.888+/-1.010 χ^2/NDF : 811.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.649+/-0.920 χ^2/NDF : 1370.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

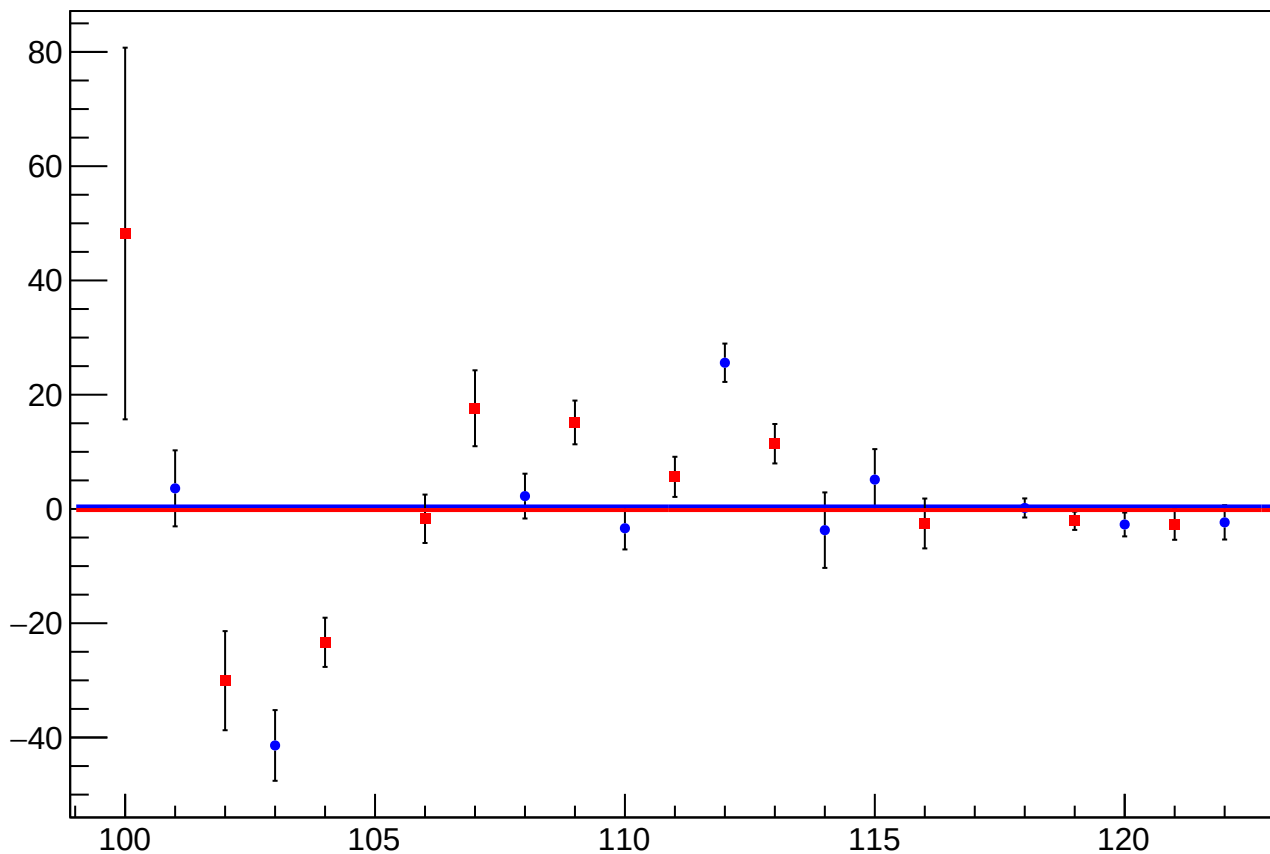
Right: 6.024+/-0.680 χ^2/NDF : 2196.6/20

In: 8.888+/-1.010 χ^2/NDF : 811.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.024+/-0.680 χ^2/NDF : 2196.6/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.437+/-0.984 χ^2/NDF : 107.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.191+/-1.019 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

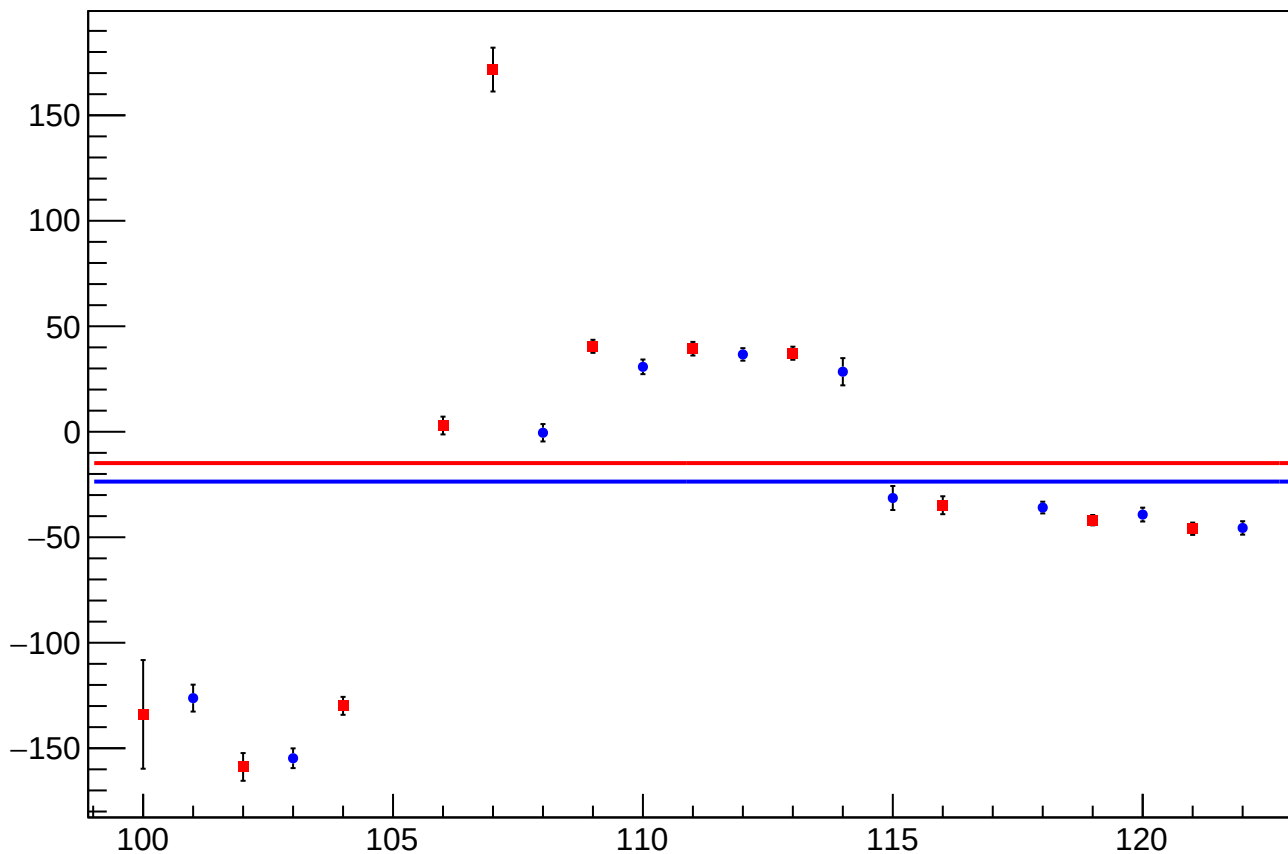
Right: 0.134+/-0.708 χ^2/NDF : 190.9/20

In: 0.437+/-0.984 χ^2/NDF : 107.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.134+/-0.708 χ^2/NDF : 190.9/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.616 $\pm$ 1.193 χ^2 /NDF: 1891.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.847 $\pm$ 1.125 χ^2 /NDF: 2715.8/10

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

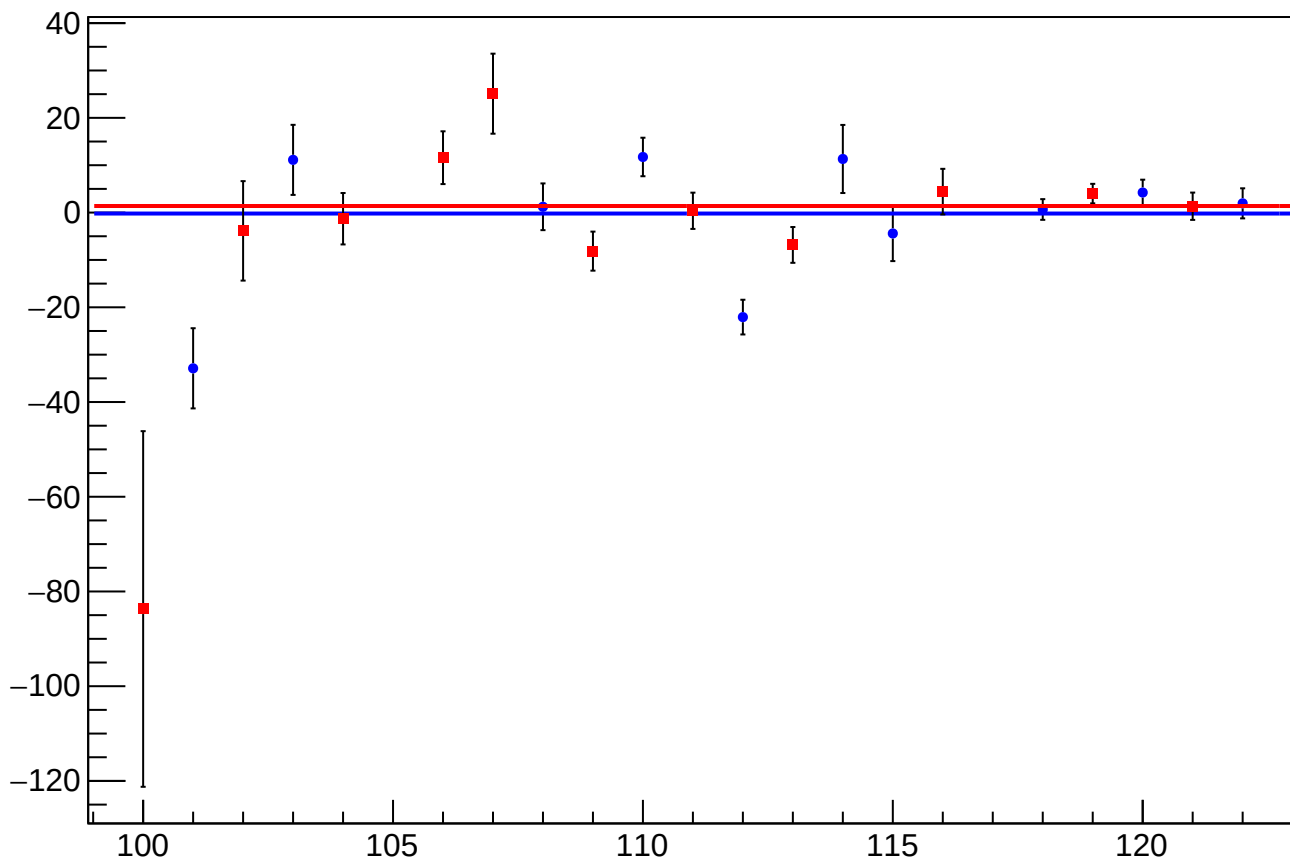
Right: -18.973 $\pm$ 0.818 χ^2 /NDF: 4636.3/20

In: -23.616 $\pm$ 1.193 χ^2 /NDF:1891.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.973 $\pm$ 0.818 χ^2 /NDF: 4636.3/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.204 ± 1.194 χ^2/NDF : 67.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.387 ± 1.207 χ^2/NDF : 29.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

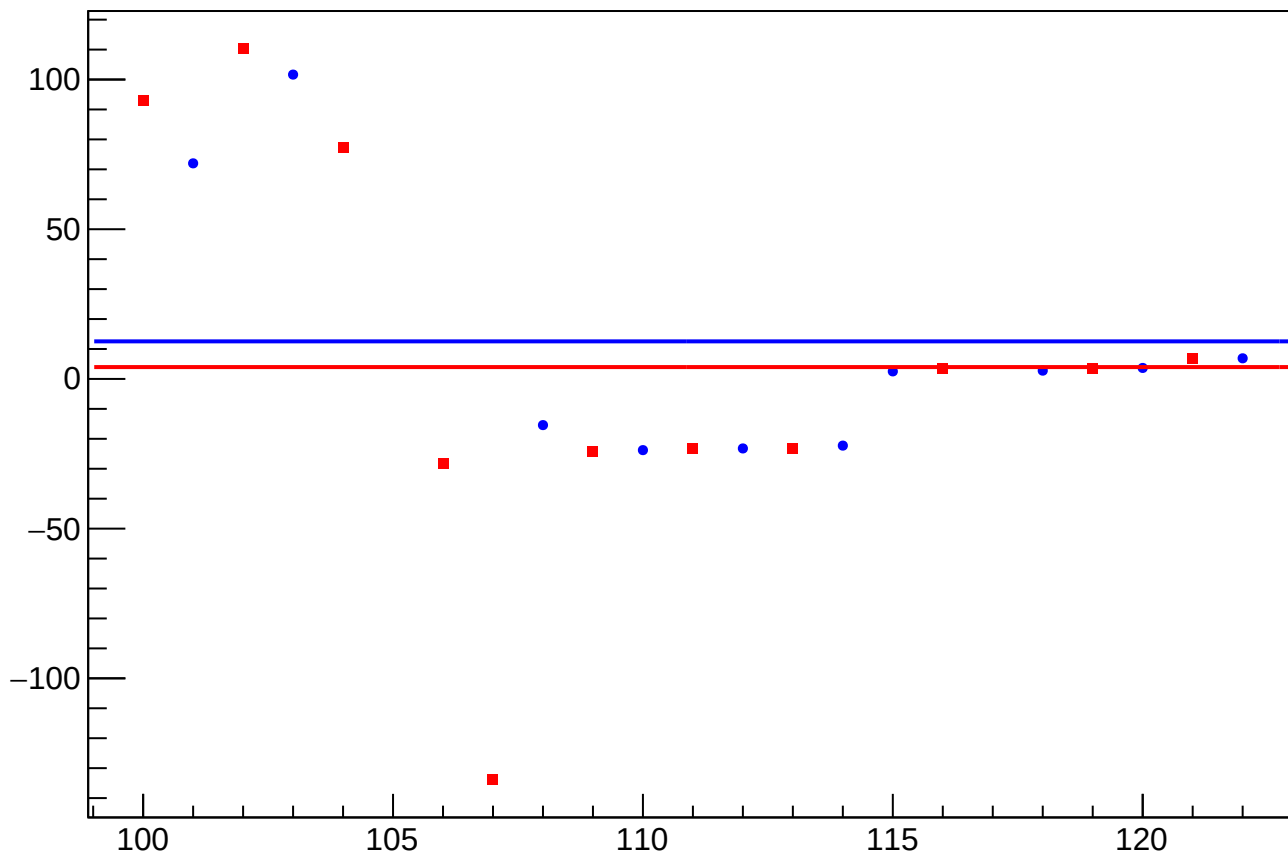
Right: 0.583 ± 0.849 χ^2/NDF : 97.8/20

In: -0.204 ± 1.194 χ^2/NDF : 67.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.583 ± 0.849 χ^2/NDF : 97.8/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.547+/-0.079 χ^2/NDF : 307609.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.959+/-0.075 χ^2/NDF : 446646.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

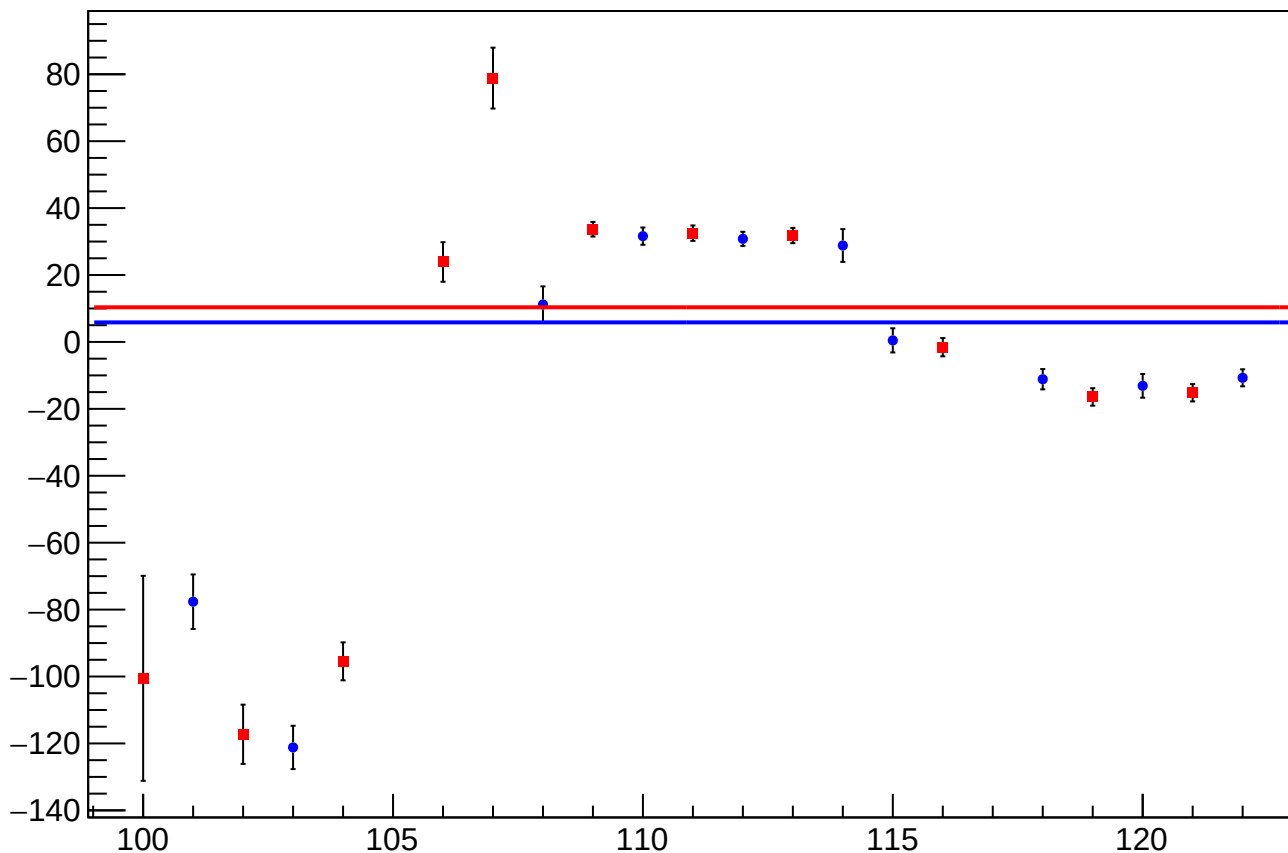
Right: 8.076+/-0.054 χ^2/NDF : 760477.6/20

In: 12.547+/-0.079 χ^2/NDF : 307609.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.076+/-0.054 χ^2/NDF : 760477.6/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.841+/-1.049 χ^2/NDF : 856.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.353+/-0.951 χ^2/NDF : 1147.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

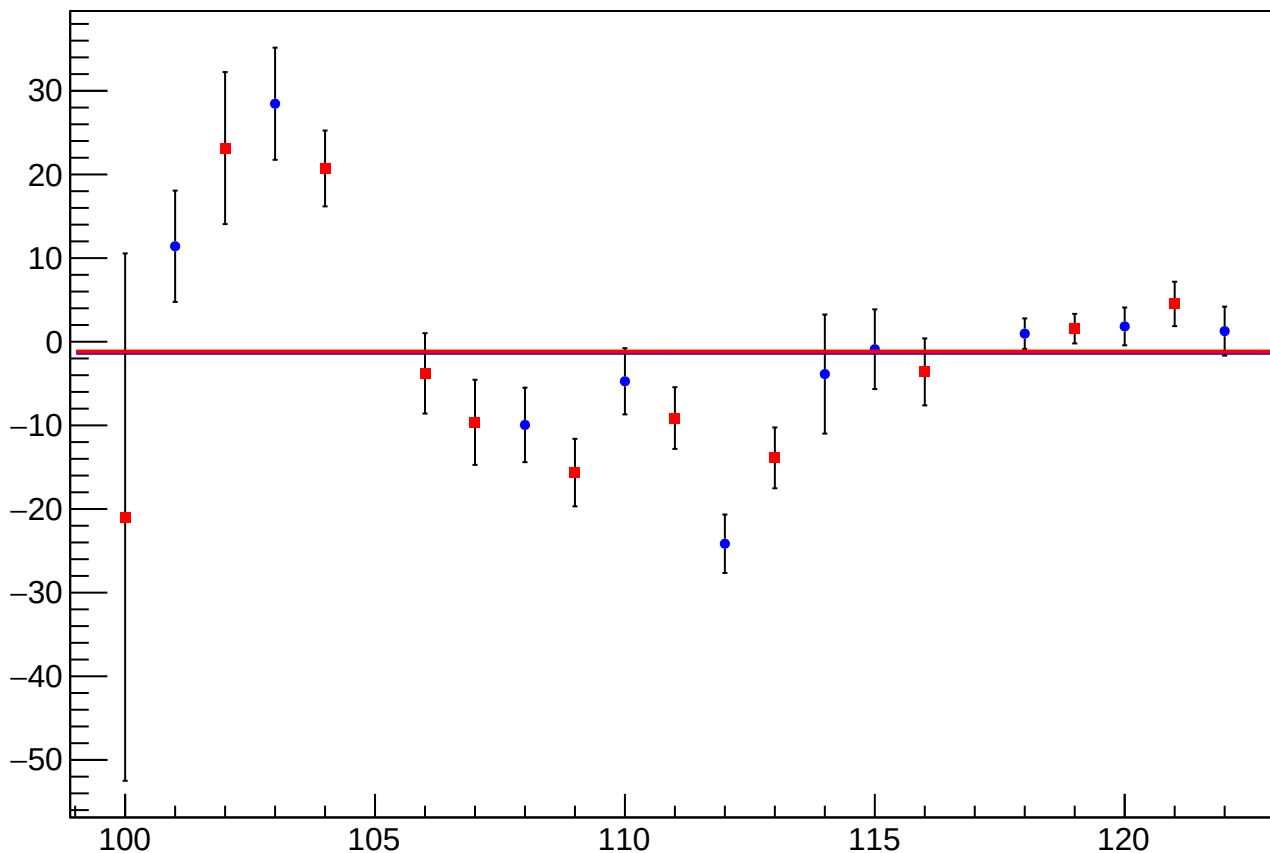
Right: 8.318+/-0.705 χ^2/NDF : 2014.8/20

In: 5.841+/-1.049 χ^2/NDF : 856.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.318+/-0.705 χ^2/NDF : 2014.8/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.320+/-1.044 χ^2/NDF : 75.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.175+/-1.067 χ^2/NDF : 71.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

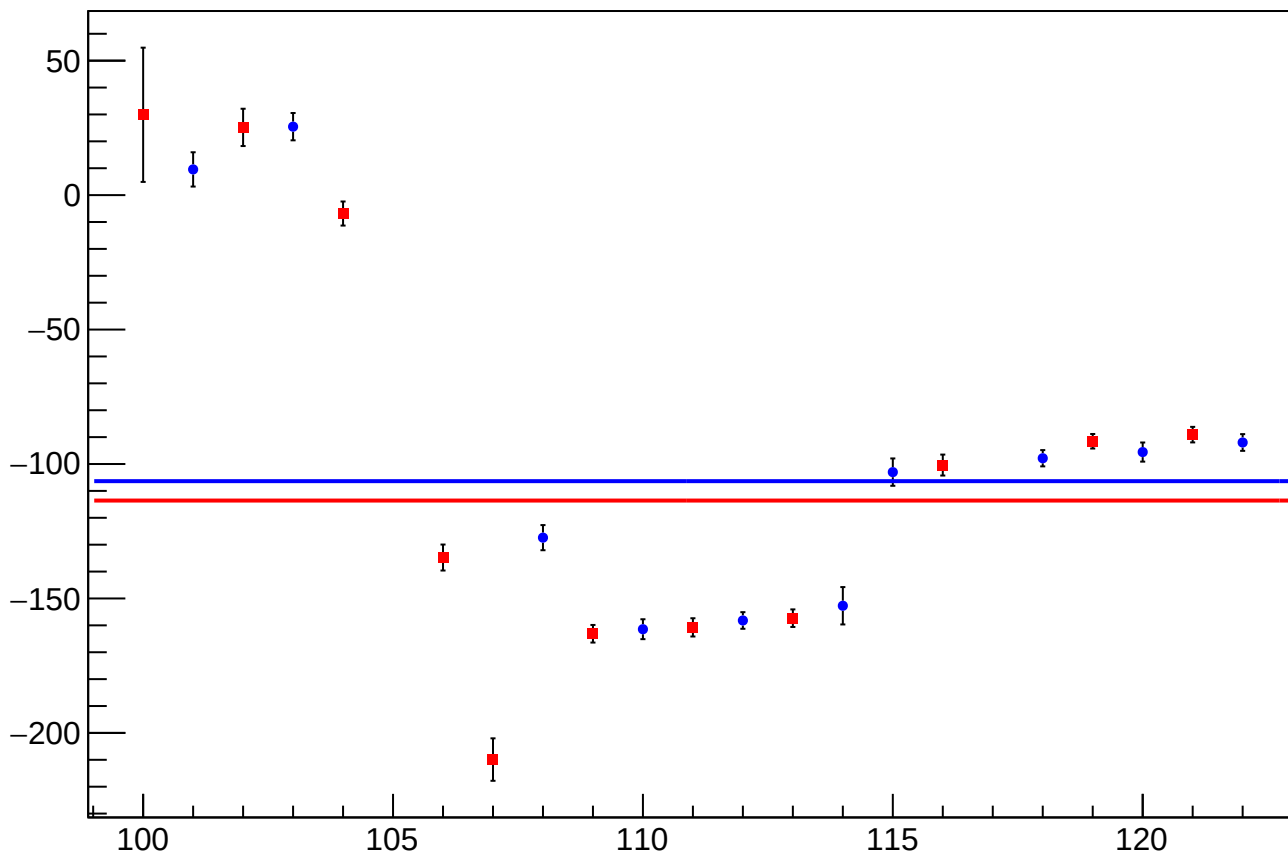
Right: -1.249+/-0.746 χ^2/NDF : 146.0/20

In: -1.320+/-1.044 χ^2/NDF :75.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.249+/-0.746 χ^2/NDF : 146.0/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -106.374+/-1.252 χ^2/NDF : 1610.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -113.587+/-1.172 χ^2/NDF : 1922.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

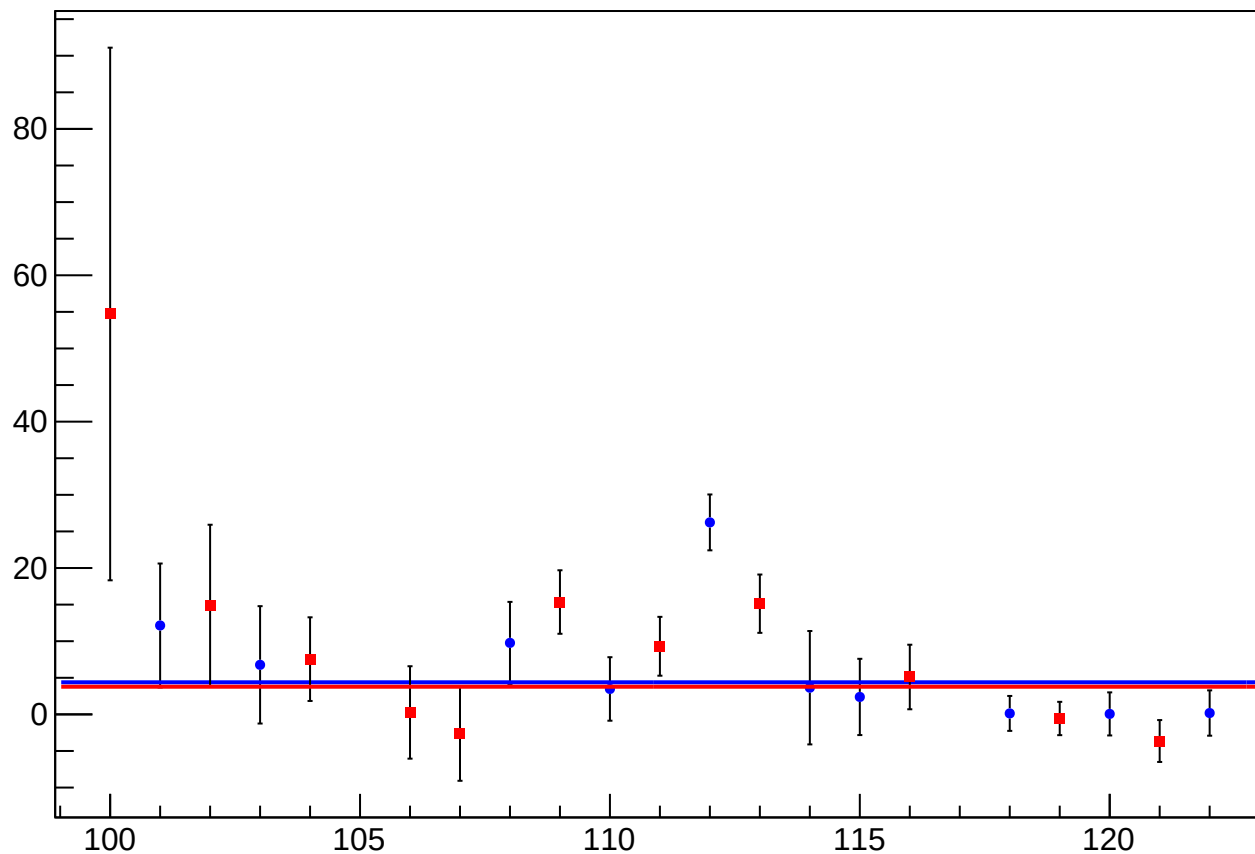
Right: -110.217+/-0.856 χ^2/NDF : 3550.3/20

In: -106.374+/-1.252 χ^2/NDF :1610.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -110.217+/-0.856 χ^2/NDF : 3550.3/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.384+/-1.258 χ^2/NDF : 42.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.781+/-1.257 χ^2/NDF : 32.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

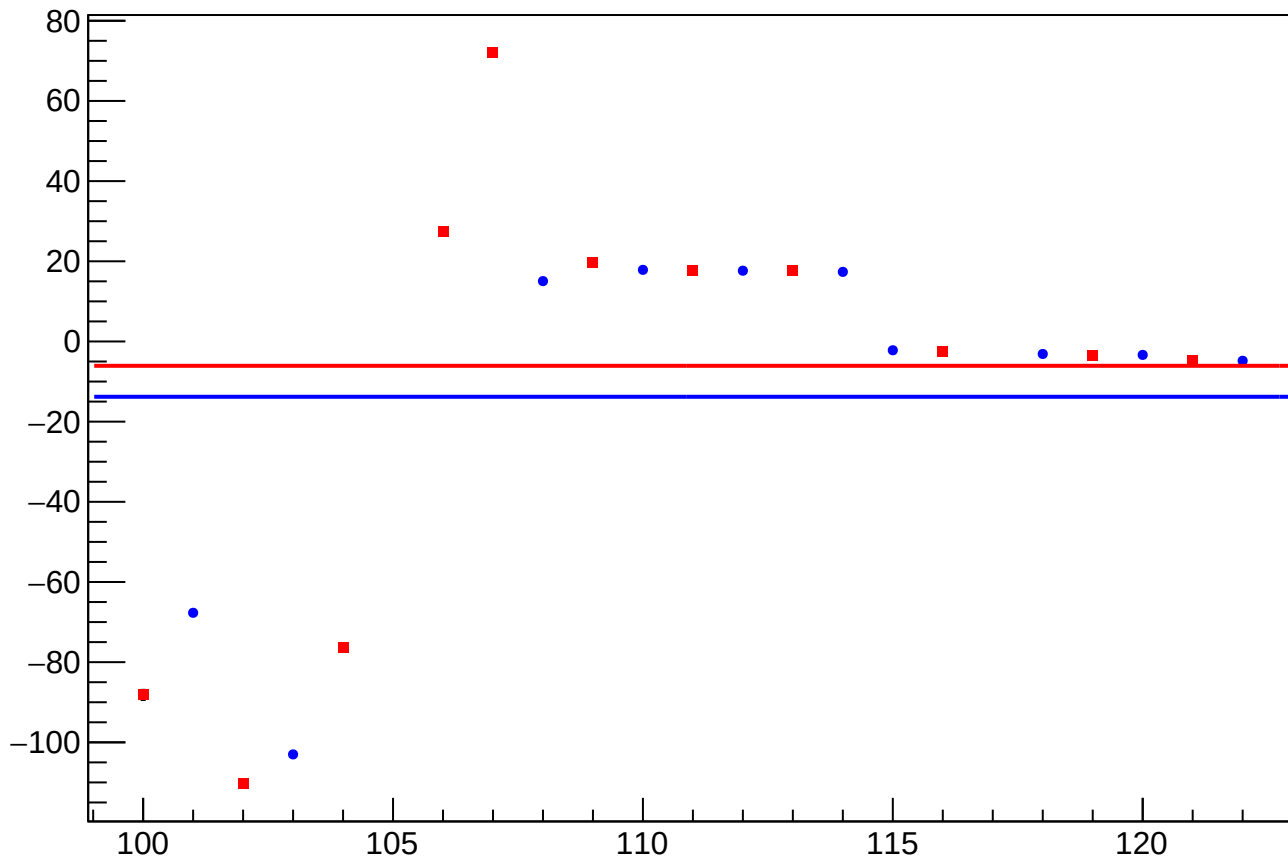
Right: 4.082+/-0.889 χ^2/NDF : 74.4/20

In: 4.384+/-1.258 χ^2/NDF : 42.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.082+/-0.889 χ^2/NDF : 74.4/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.798 $\pm$ 0.084 χ^2 /NDF: 254904.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.070 $\pm$ 0.079 χ^2 /NDF: 339141.1/10

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

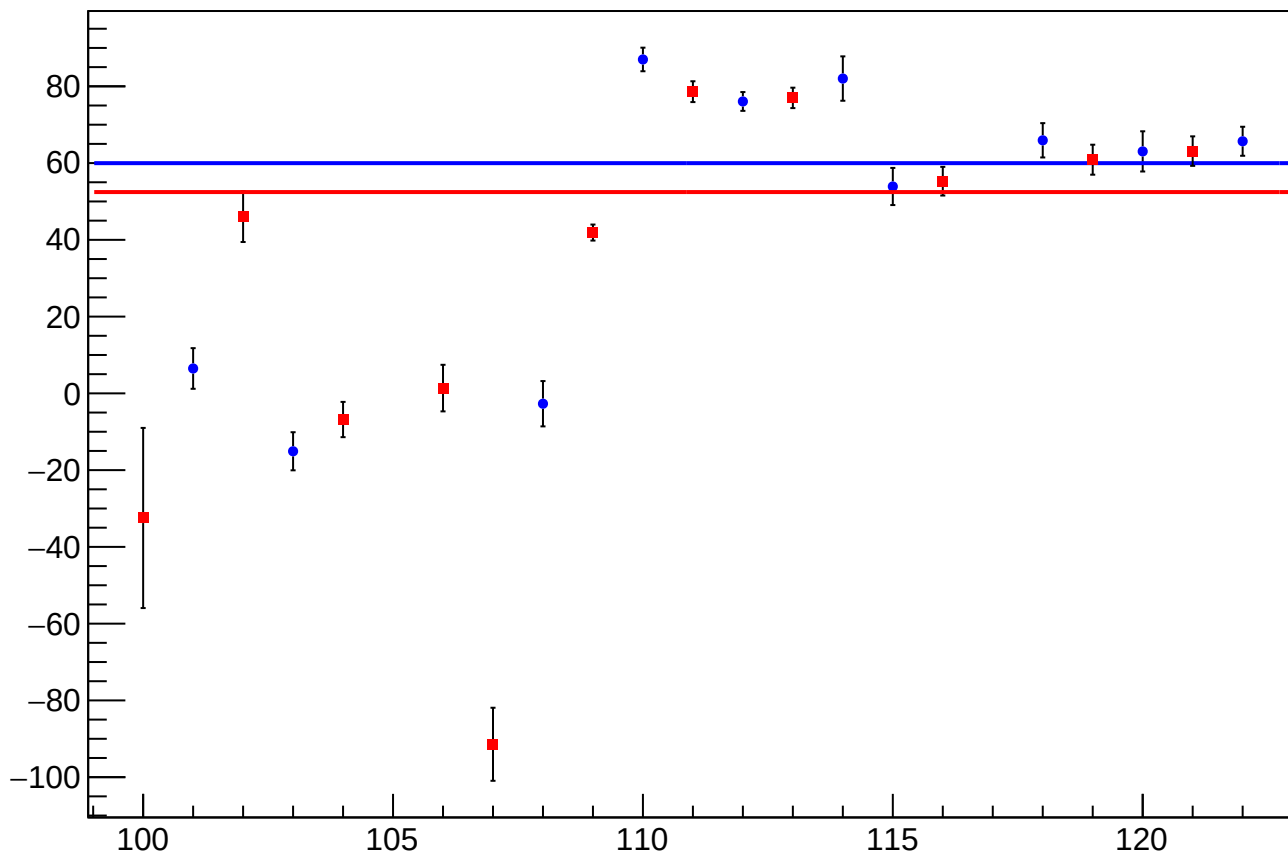
Right: -9.712 $\pm$ 0.057 χ^2 /NDF: 598561.0/20

In: -13.798 $\pm$ 0.084 χ^2 /NDF:254904.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.712 $\pm$ 0.057 χ^2 /NDF: 598561.0/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 59.980+/-1.284 χ^2/NDF : 584.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.449+/-1.103 χ^2/NDF : 696.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

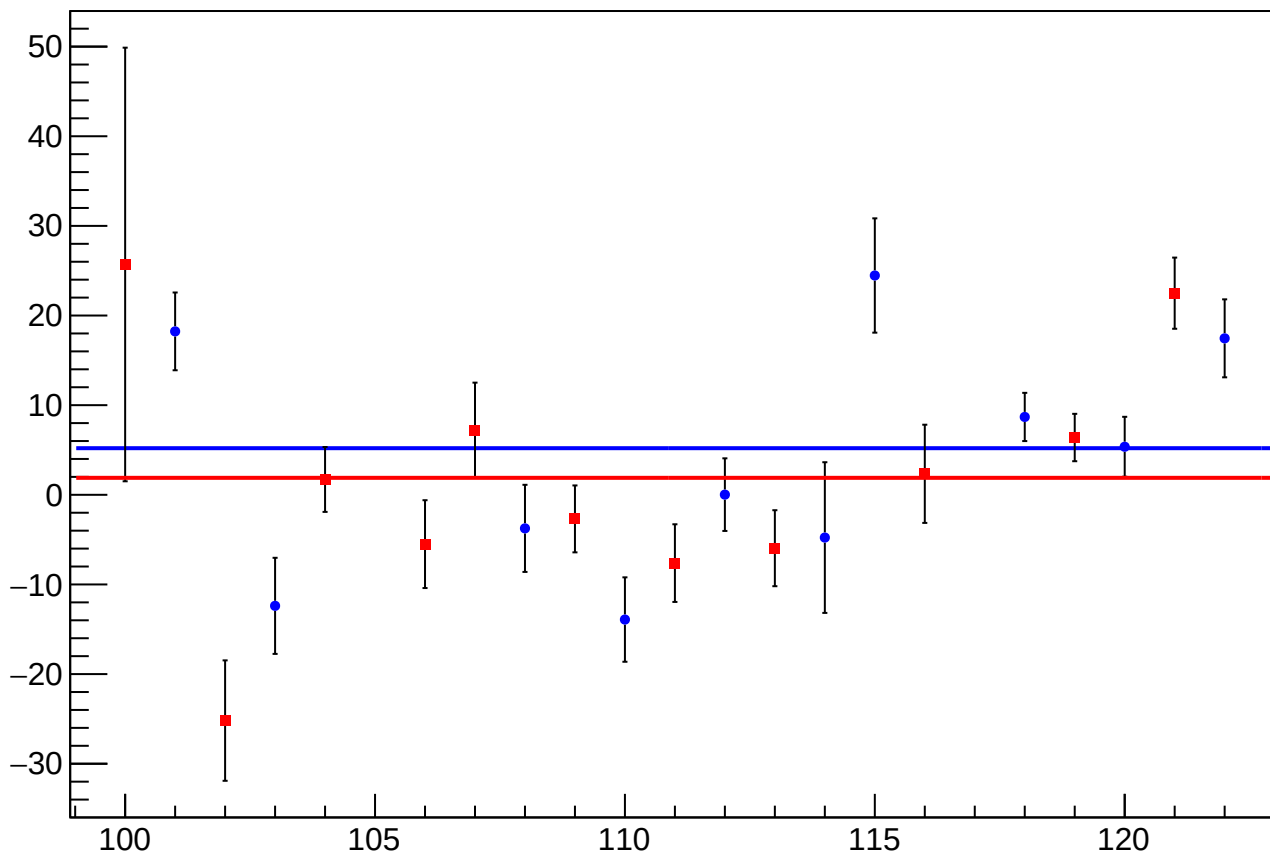
Right: 55.648+/-0.837 χ^2/NDF : 1300.6/20

In: 59.980+/-1.284 χ^2/NDF : 584.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.648+/-0.837 χ^2/NDF : 1300.6/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.201+/-1.341 χ^2/NDF : 61.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.894+/-1.293 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

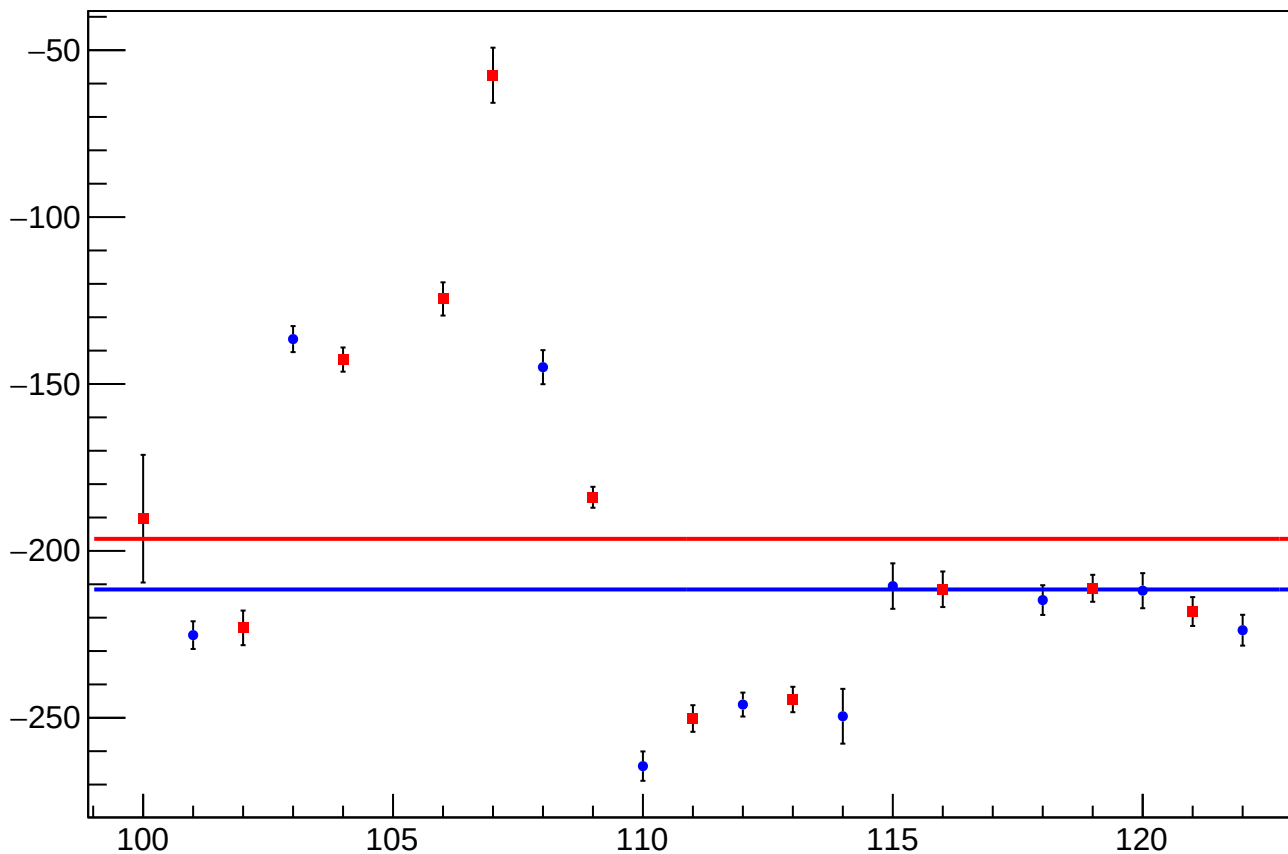
Right: 3.487+/-0.931 χ^2/NDF : 124.7/20

In: 5.201+/-1.341 χ^2/NDF : 61.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.487+/-0.931 χ^2/NDF : 124.7/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -211.554+/-1.471 χ^2 /NDF: 818.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -196.390+/-1.343 χ^2 /NDF: 1142.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

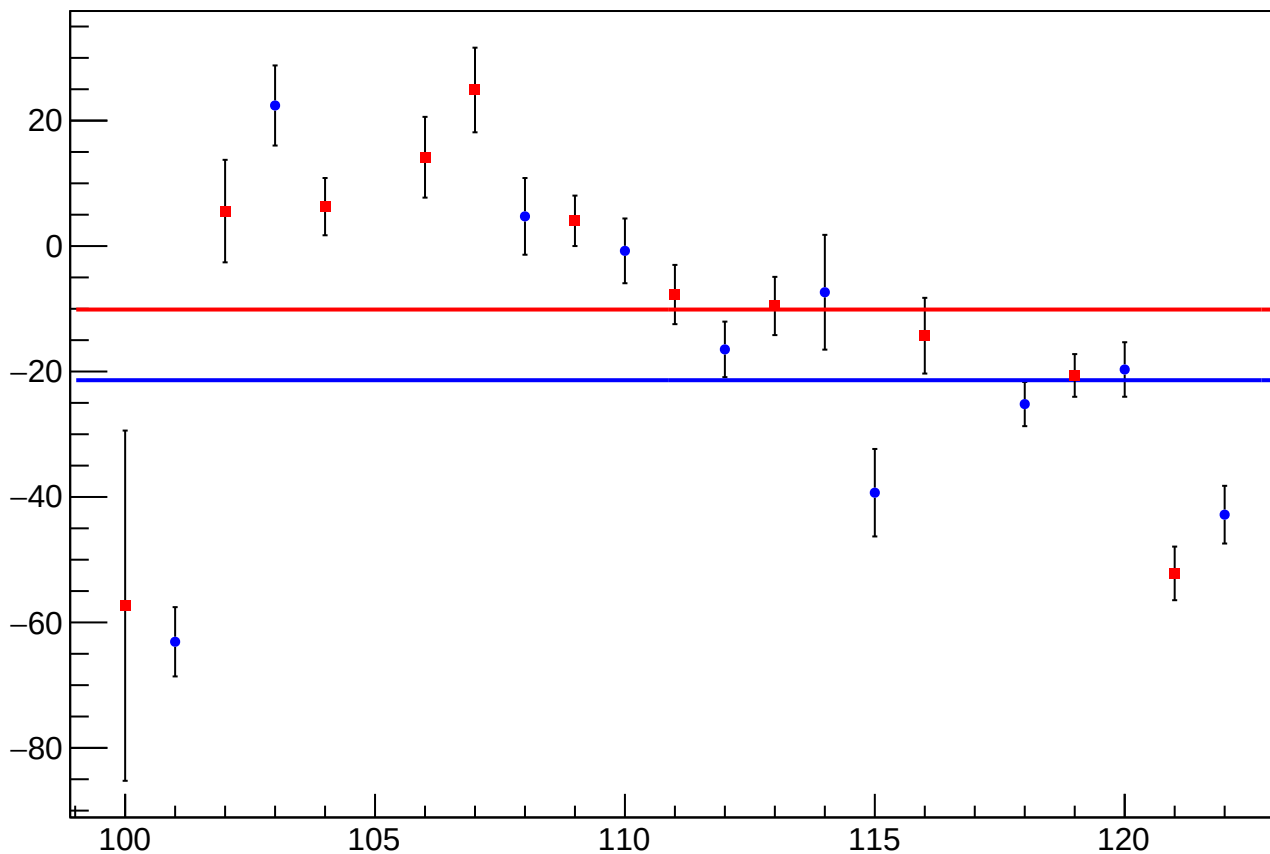
Right: -203.281+/-0.992 χ^2 /NDF: 2017.9/20

In: -211.554+/-1.471 χ^2 /NDF:818.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -203.281+/-0.992 χ^2 /NDF: 2017.9/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.385 $\pm$ 1.609 χ^2 /NDF: 171.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.119 $\pm$ 1.521 χ^2 /NDF: 180.1/10

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

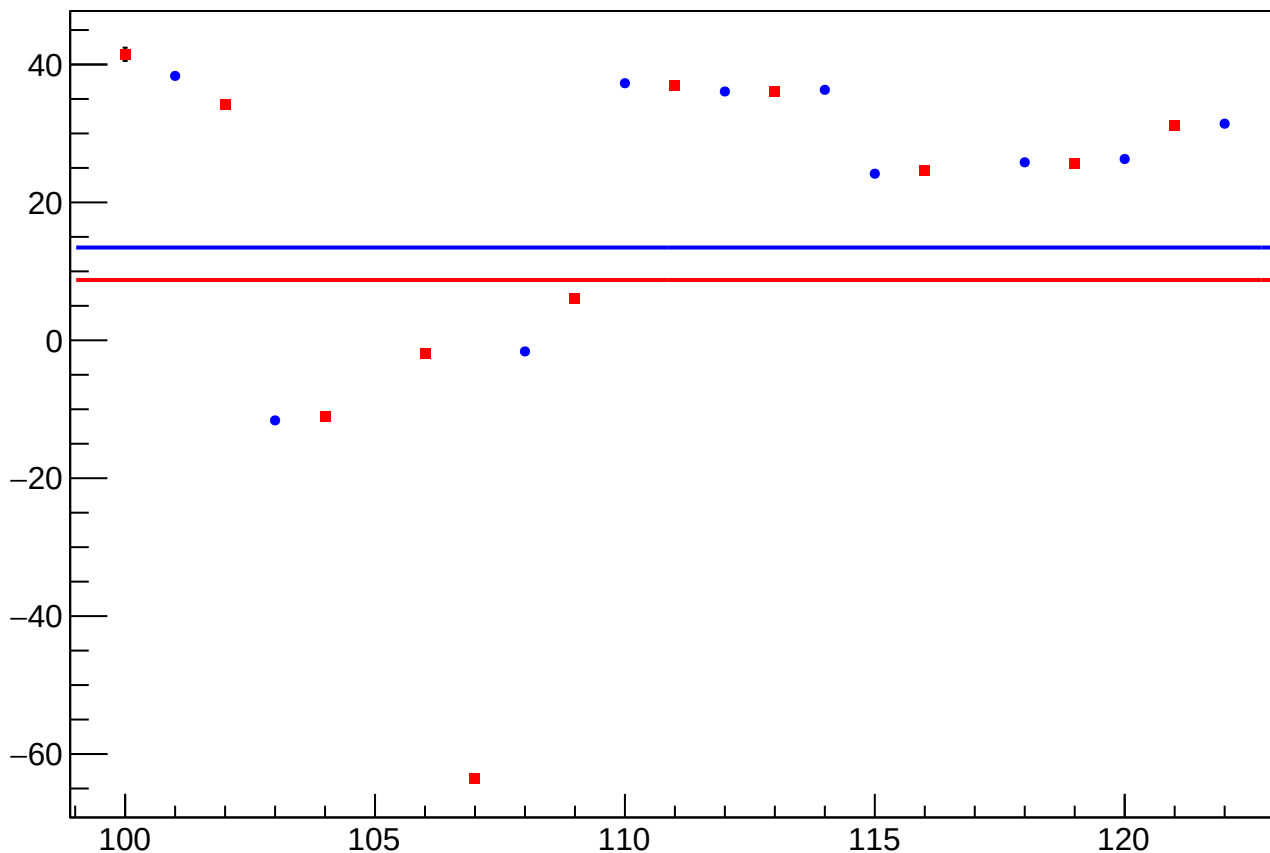
Right: -15.436 $\pm$ 1.106 χ^2 /NDF: 377.5/20

In: -21.385 $\pm$ 1.609 χ^2 /NDF:171.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.436 $\pm$ 1.106 χ^2 /NDF: 377.5/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.458+/-0.089 χ^2/NDF : 56457.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.753+/-0.082 χ^2/NDF : 100946.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

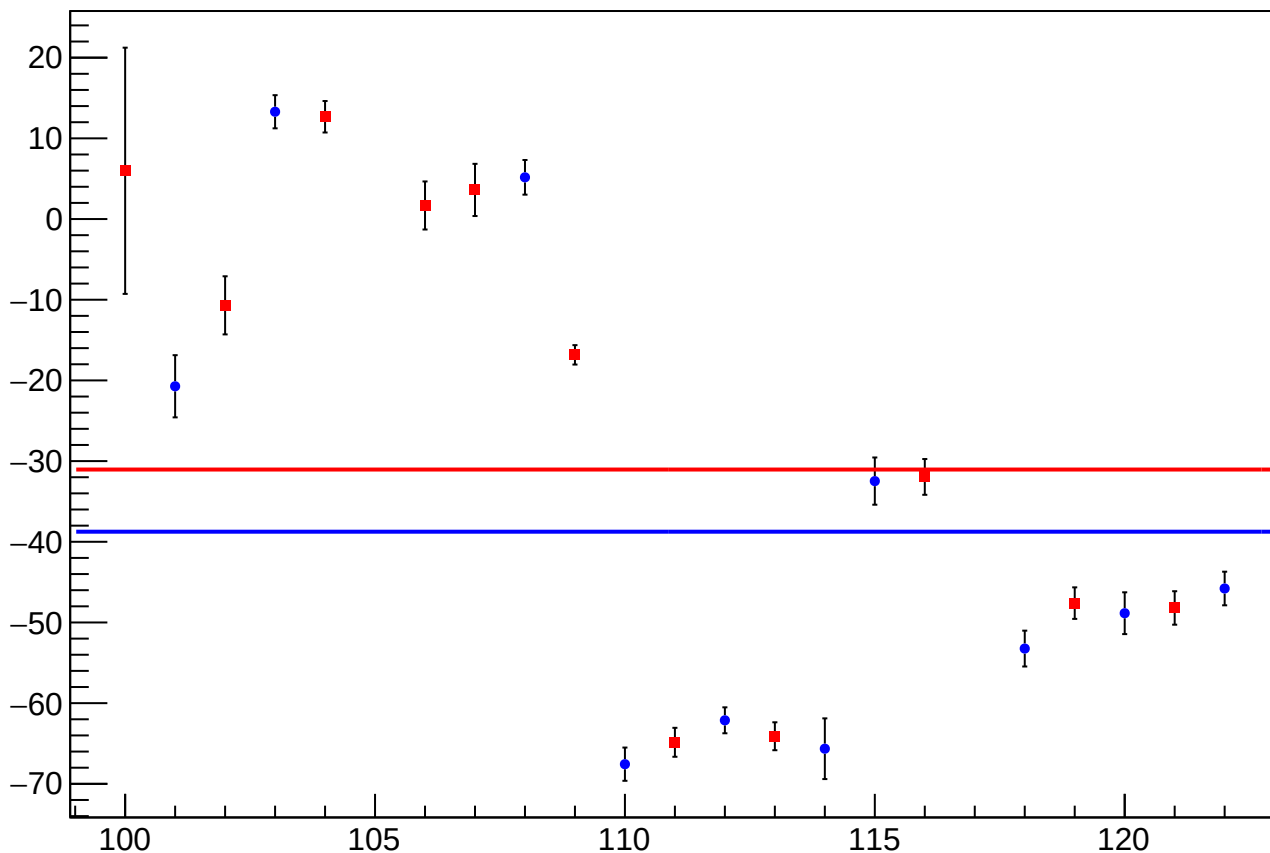
Right: 10.909+/-0.060 χ^2/NDF : 158913.0/20

In: 13.458+/-0.089 χ^2/NDF : 56457.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.909+/-0.060 χ^2/NDF : 158913.0/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.750+/-0.723 χ^2/NDF : 1613.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.046+/-0.622 χ^2/NDF : 1776.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

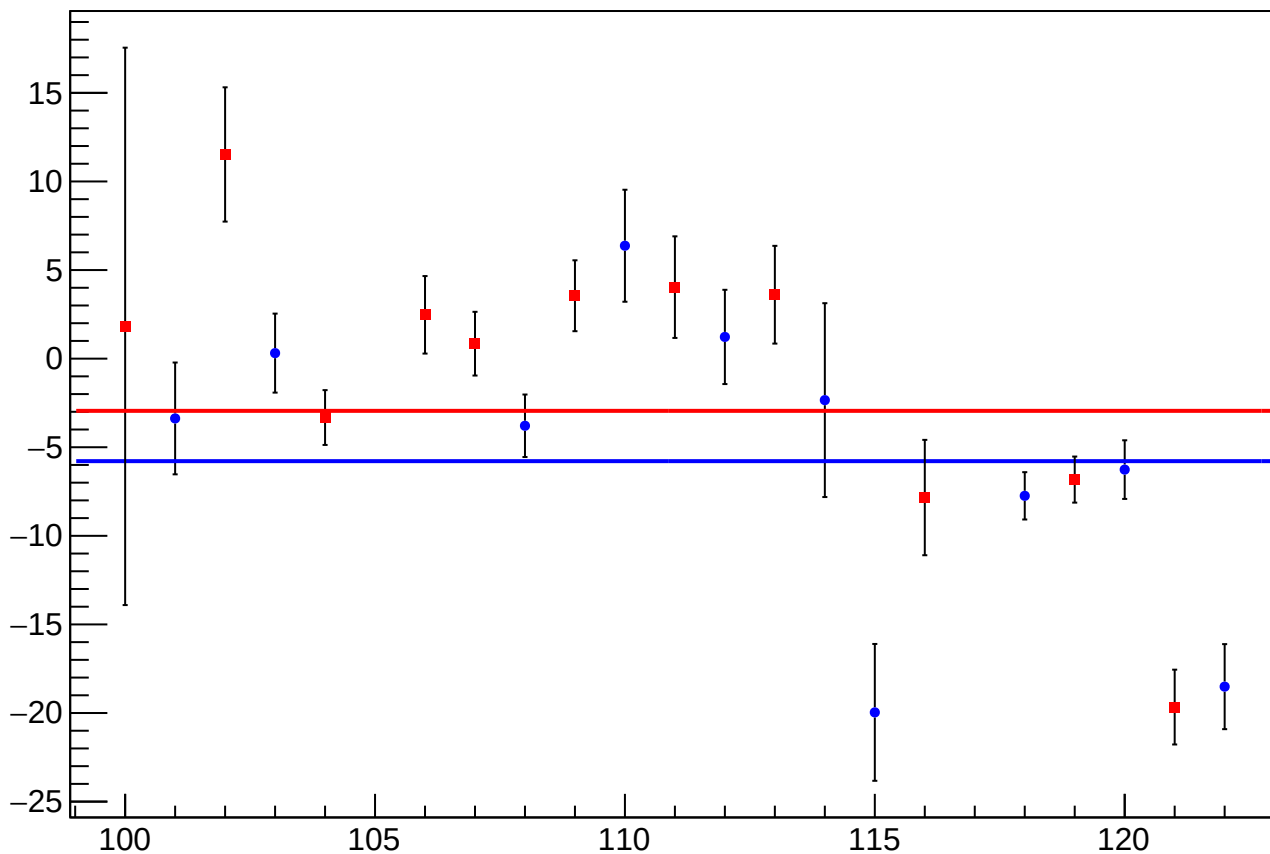
Right: -34.322+/-0.471 χ^2/NDF : 3455.0/20

In: -38.750+/-0.723 χ^2/NDF : 1613.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.322+/-0.471 χ^2/NDF : 3455.0/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.785+/-0.696 χ^2/NDF : 75.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.947+/-0.642 χ^2/NDF : 121.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

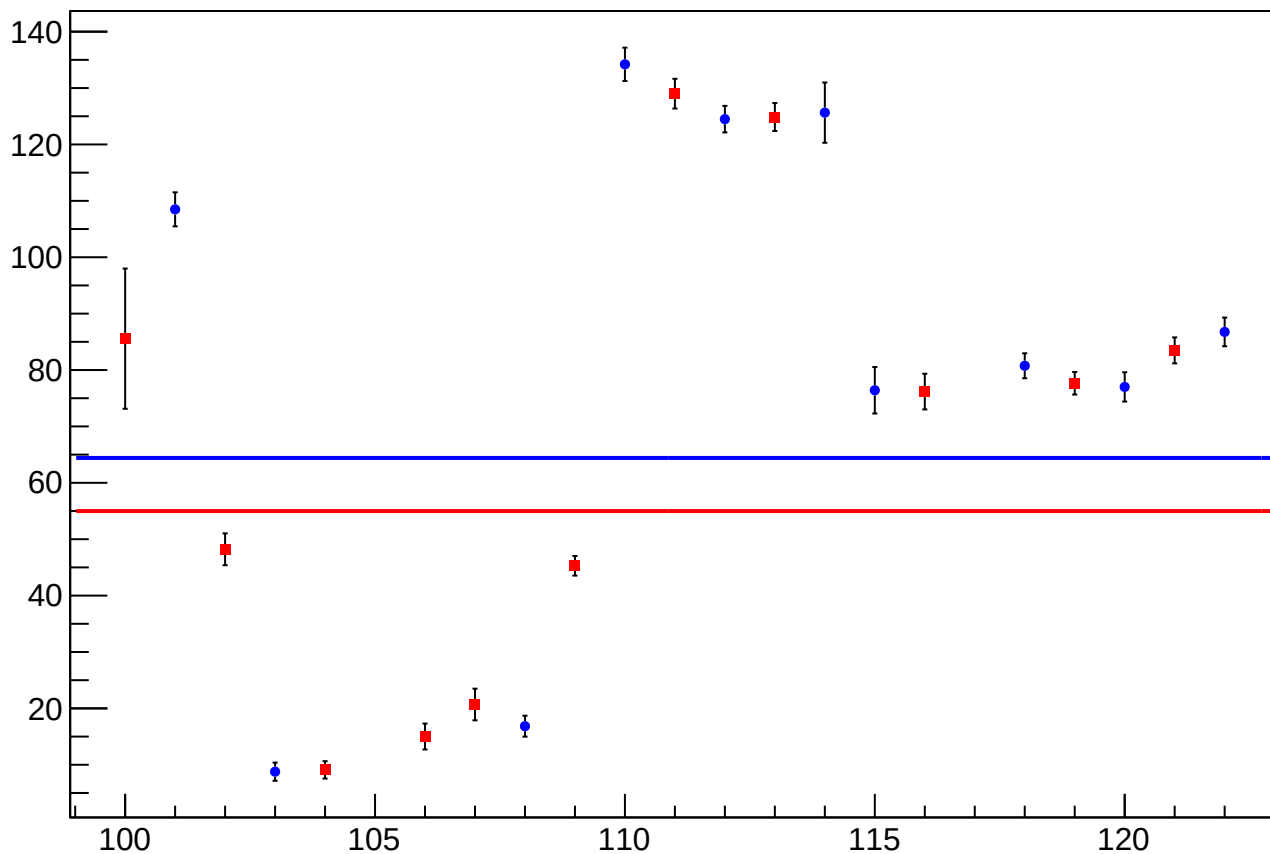
Right: -4.252+/-0.472 χ^2/NDF : 205.6/20

In: -5.785+/-0.696 χ^2/NDF :75.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.252+/-0.472 χ^2/NDF : 205.6/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 64.412+/-0.771 χ^2/NDF : 3566.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.988+/-0.699 χ^2/NDF : 3294.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

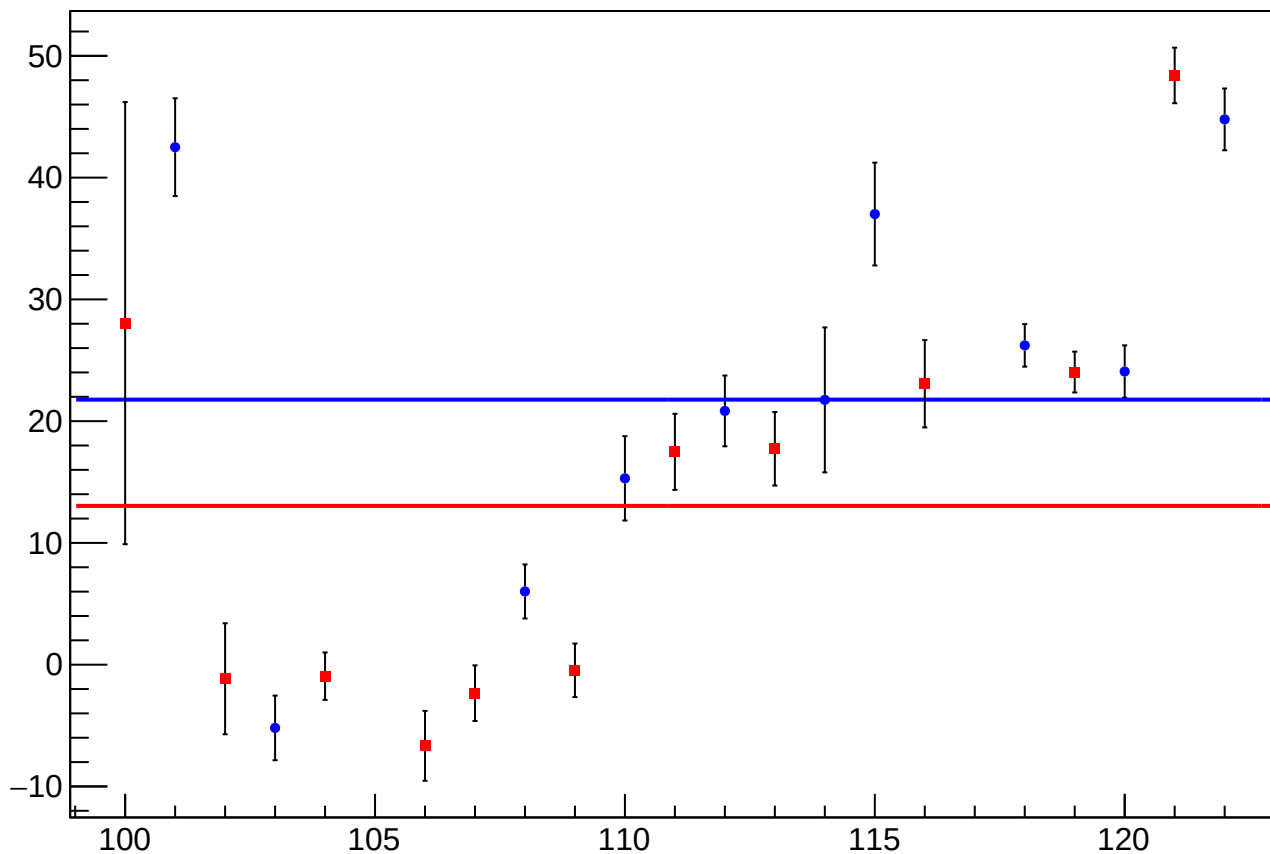
Right: 59.237+/-0.518 χ^2/NDF : 6943.1/20

In: 64.412+/-0.771 χ^2/NDF : 3566.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.237+/-0.518 χ^2/NDF : 6943.1/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.768 $\pm$ 0.847 χ^2 /NDF: 286.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.041 $\pm$ 0.773 χ^2 /NDF: 487.5/10

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

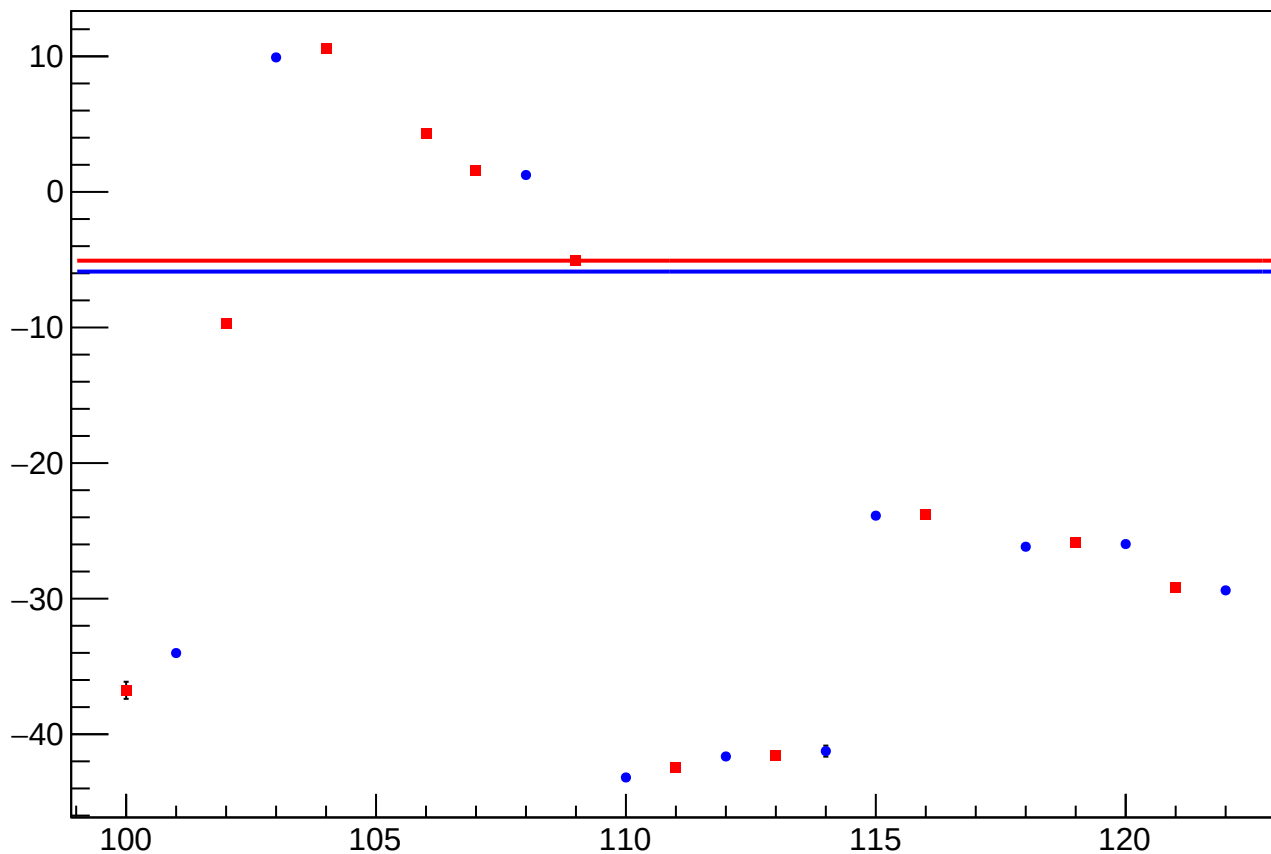
Right: 17.005 $\pm$ 0.571 χ^2 /NDF: 832.0/20

In: 21.768 $\pm$ 0.847 χ^2 /NDF: 286.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.005 $\pm$ 0.571 χ^2 /NDF: 832.0/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.875+/-0.042 χ^2/NDF : 198427.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.071+/-0.040 χ^2/NDF : 168019.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

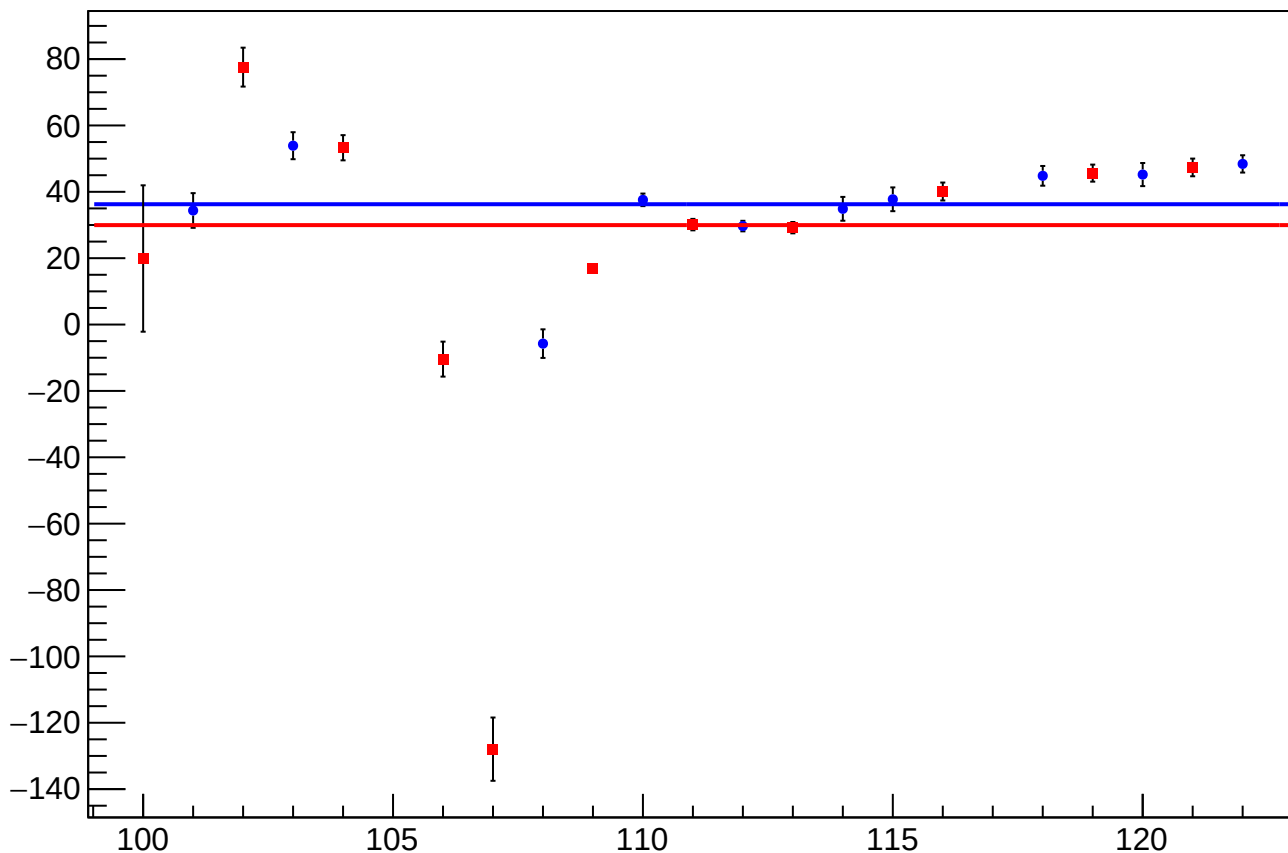
Right: -5.458+/-0.029 χ^2/NDF : 366639.2/20

In: -5.875+/-0.042 χ^2/NDF :198427.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.458+/-0.029 χ^2/NDF : 366639.2/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 36.261+/-0.869 χ^2/NDF : 168.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.967+/-0.766 χ^2/NDF : 606.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

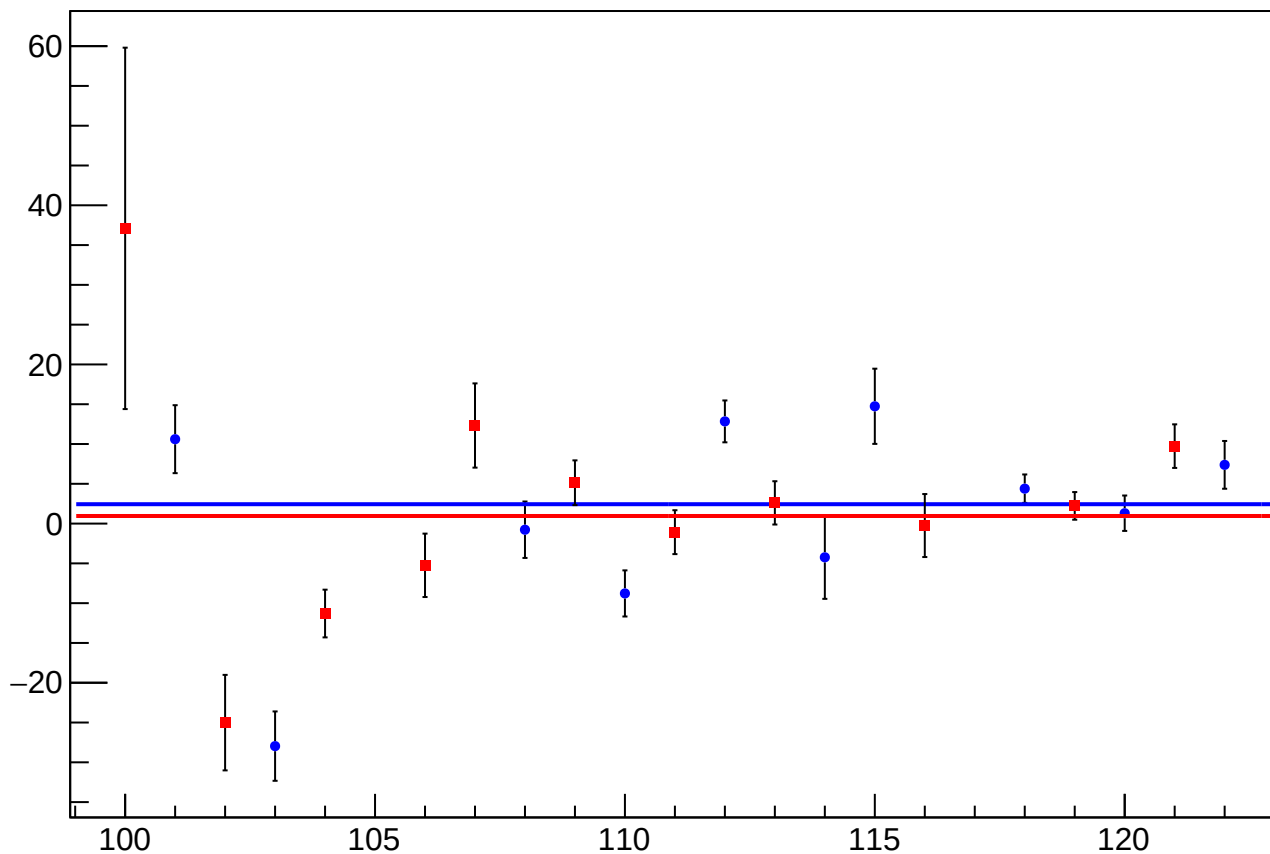
Right: 32.721+/-0.575 χ^2/NDF : 804.2/20

In: 36.261+/-0.869 χ^2/NDF : 168.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.721+/-0.575 χ^2/NDF : 804.2/20

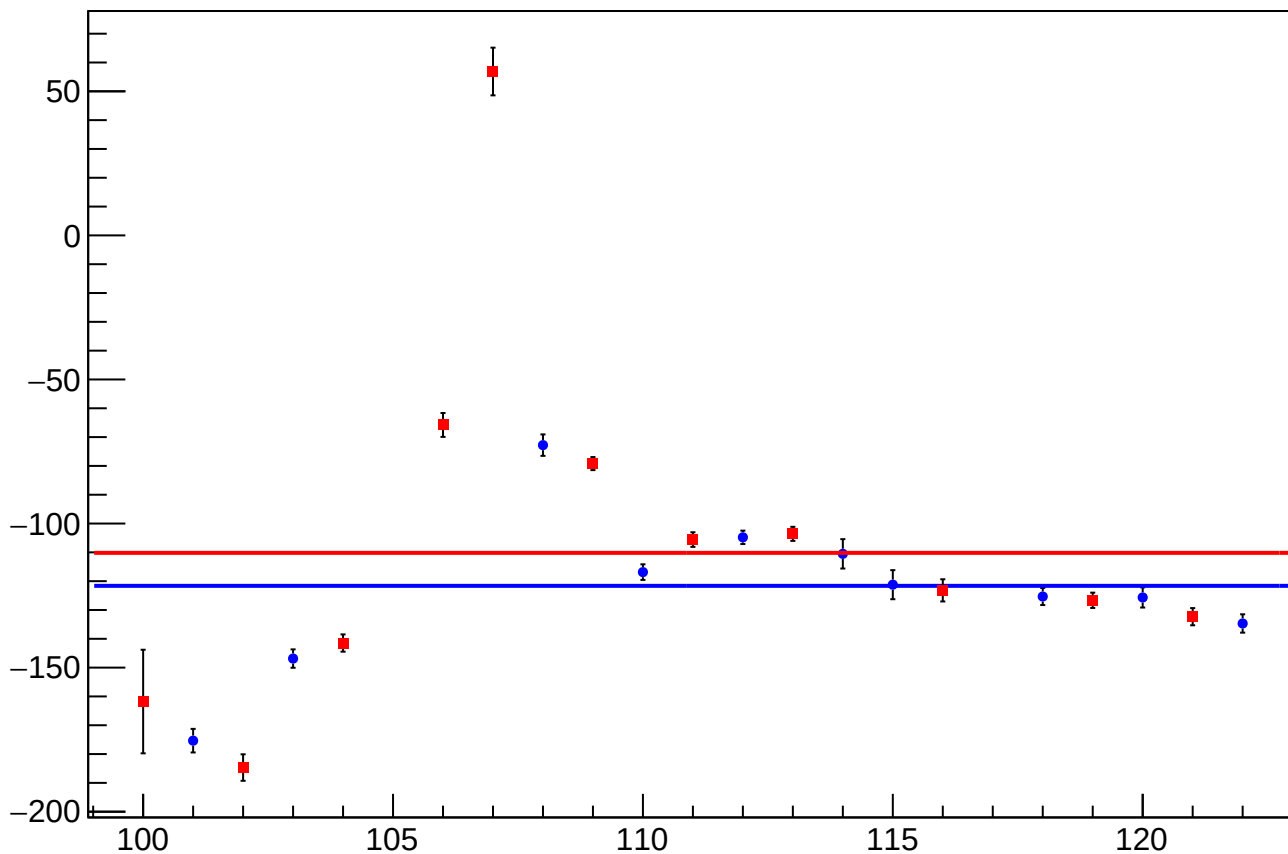
reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.436+/-0.929 χ^2/NDF : 96.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.955+/-0.928 χ^2/NDF : 59.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.695+/-0.656 χ^2/NDF : 156.6/20
 In: 2.436+/-0.929 χ^2/NDF : 96.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.695+/-0.656 χ^2/NDF : 156.6/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -121.620+/-1.041 χ^2 /NDF: 487.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -110.172+/-0.965 χ^2 /NDF: 1205.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

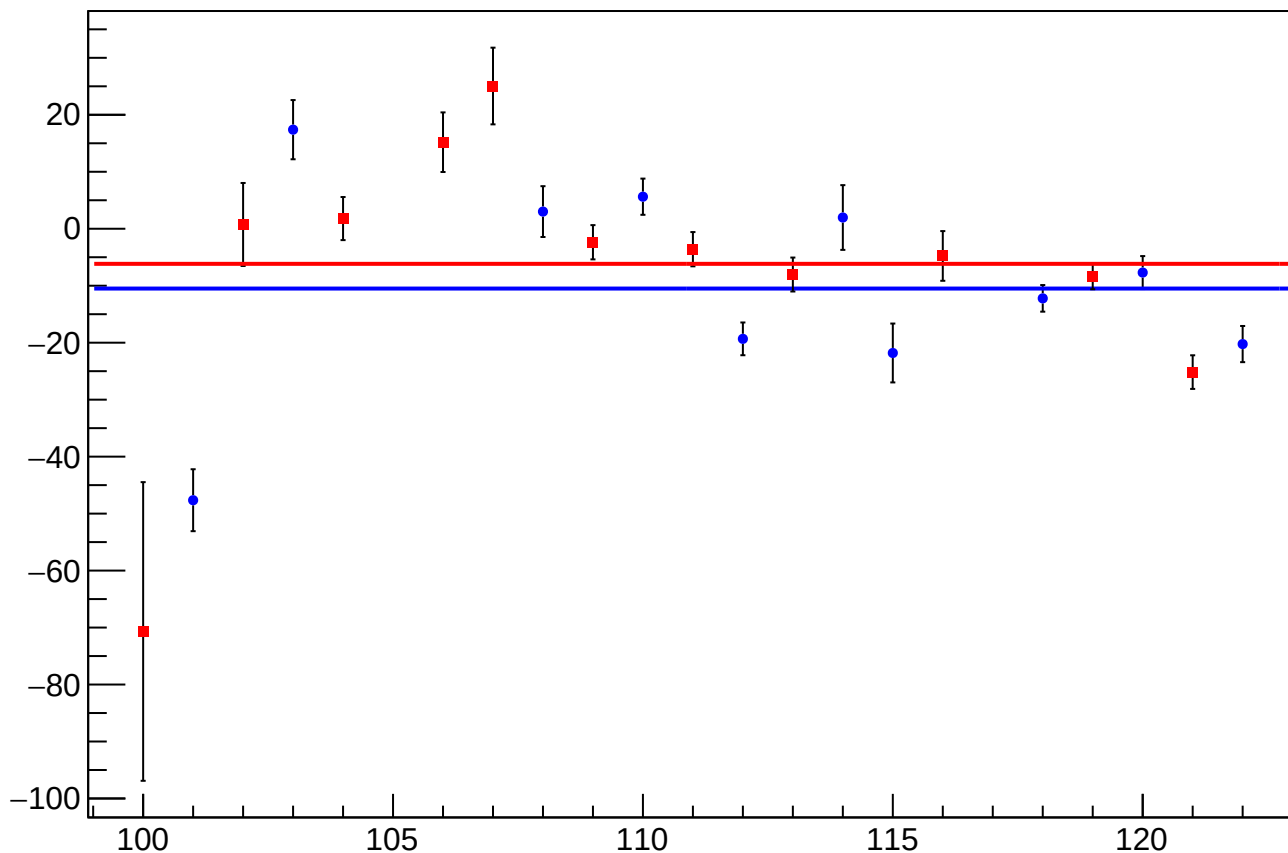
Right: -115.463+/-0.707 χ^2 /NDF: 1757.5/20

In: -121.620+/-1.041 χ^2 /NDF:487.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -115.463+/-0.707 χ^2 /NDF: 1757.5/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.499+/-1.110 χ^2/NDF : 140.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.160+/-1.084 χ^2/NDF : 94.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

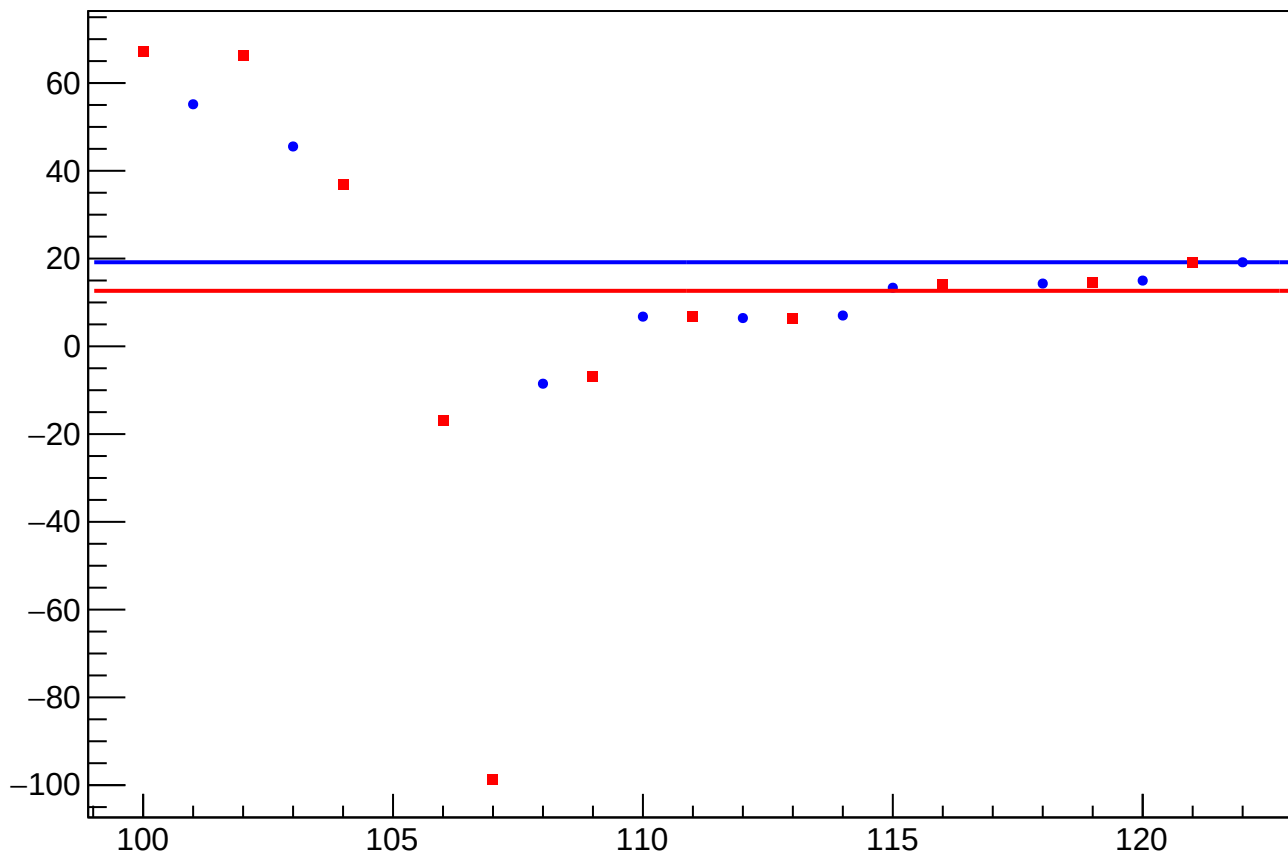
Right: -8.279+/-0.776 χ^2/NDF : 243.0/20

In: -10.499+/-1.110 χ^2/NDF : 140.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.279+/-0.776 χ^2/NDF : 243.0/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.161 $\pm$ 0.066 χ^2 /NDF: 104062.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.647 $\pm$ 0.063 χ^2 /NDF: 251507.8/10

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

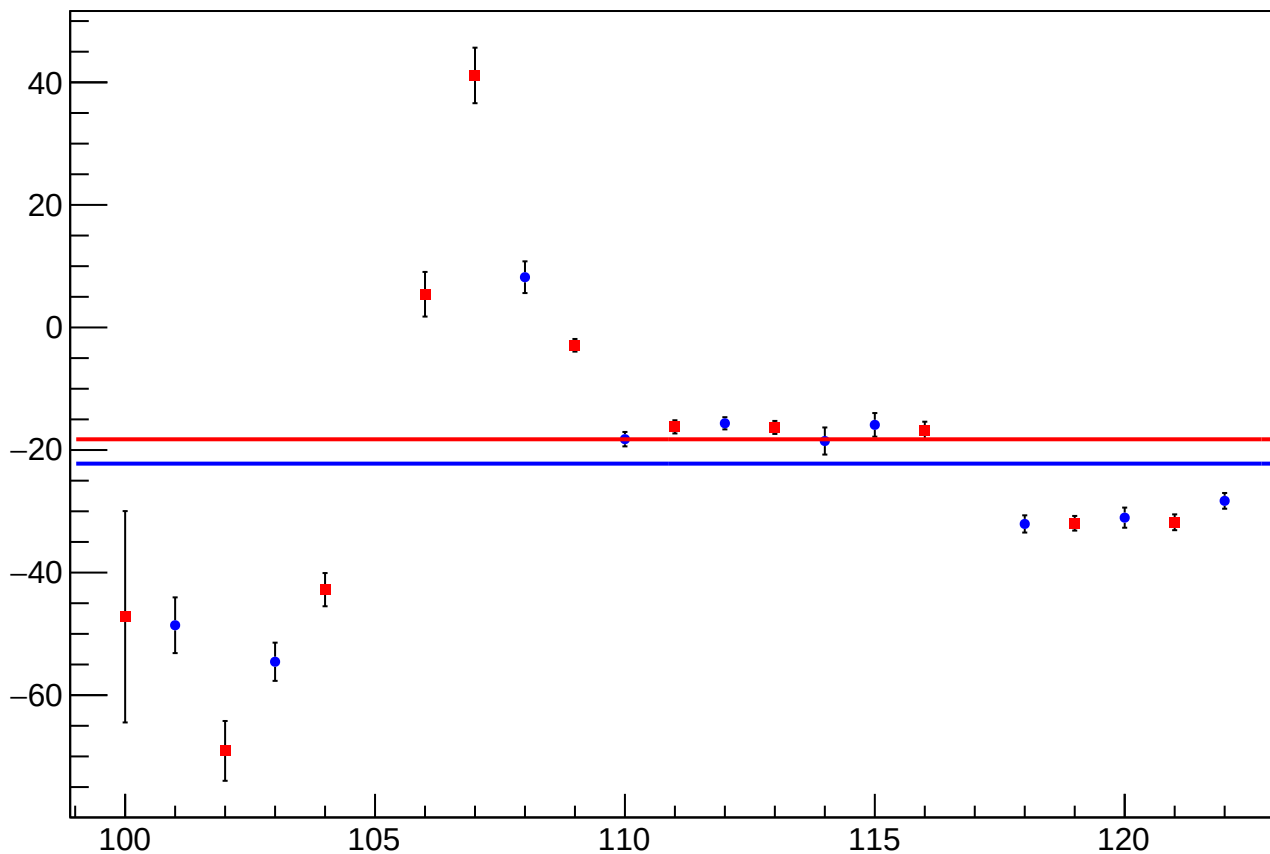
Right: 15.770 $\pm$ 0.046 χ^2 /NDF: 360623.9/20

In: 19.161 $\pm$ 0.066 χ^2 /NDF:104062.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.770 $\pm$ 0.046 χ^2 /NDF: 360623.9/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.220 $\pm$ 0.501 χ^2 /NDF: 448.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.249 $\pm$ 0.457 χ^2 /NDF: 877.6/10

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

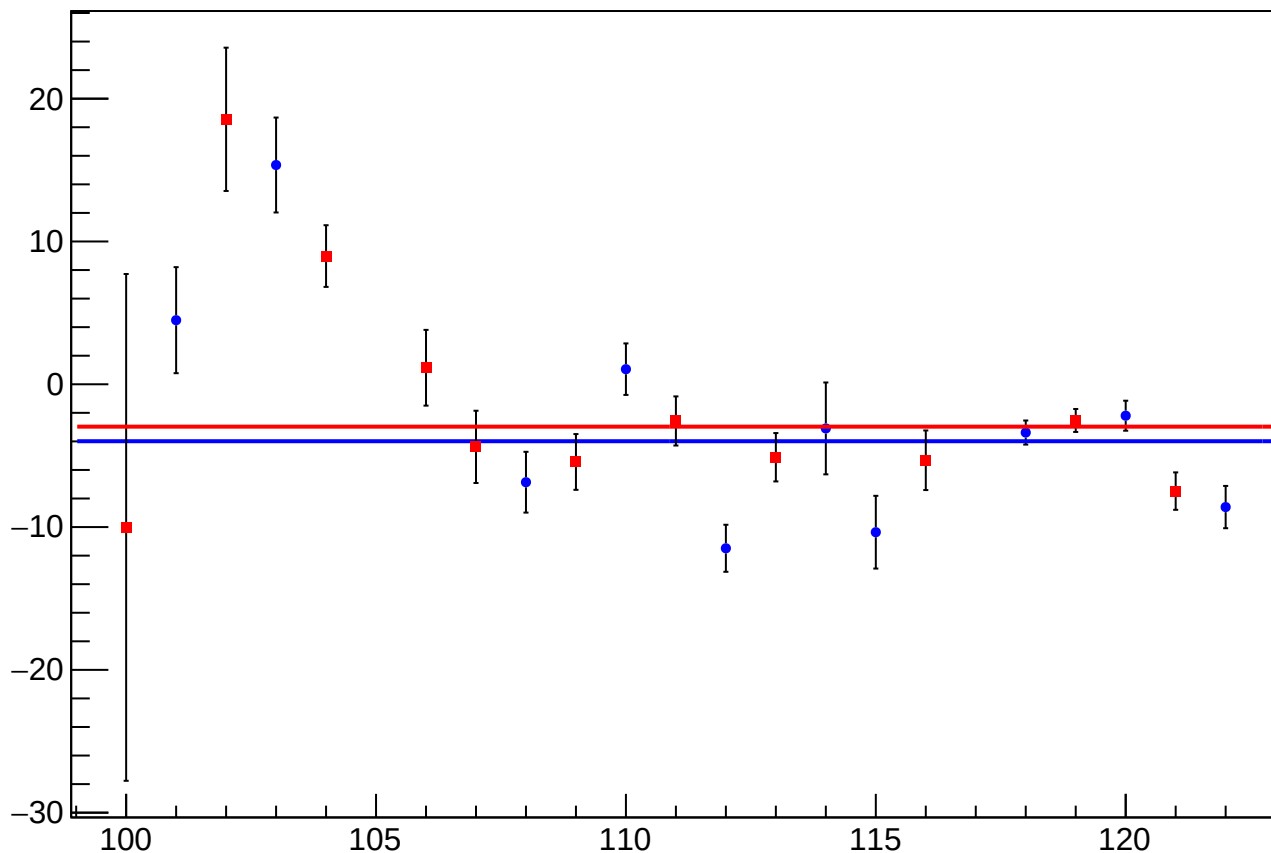
Right: -20.054 $\pm$ 0.338 χ^2 /NDF: 1360.3/20

In: -22.220 $\pm$ 0.501 χ^2 /NDF:448.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.054 $\pm$ 0.338 χ^2 /NDF: 1360.3/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.988+/-0.495 χ^2/NDF : 88.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.968+/-0.509 χ^2/NDF : 68.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

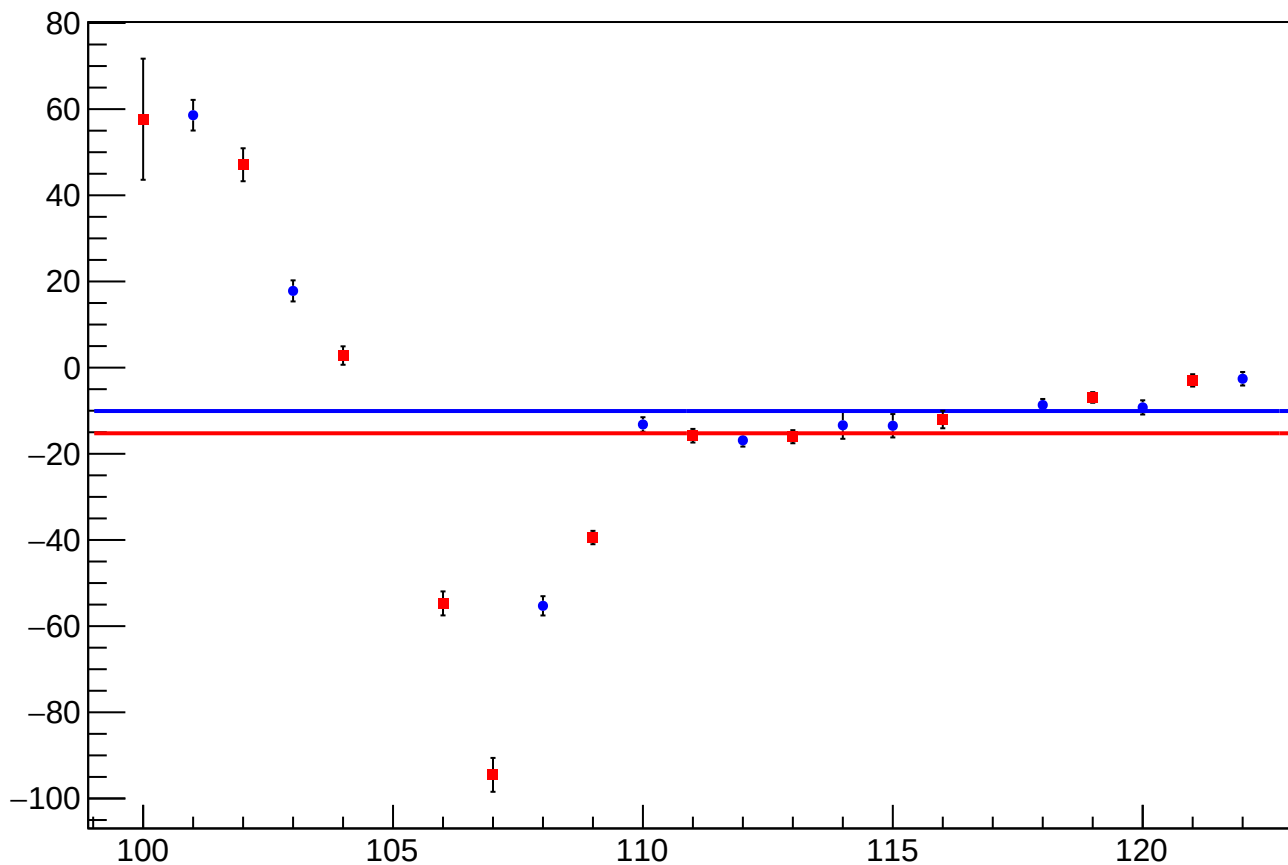
Right: -3.492+/-0.355 χ^2/NDF : 159.5/20

In: -3.988+/-0.495 χ^2/NDF :88.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.492+/-0.355 χ^2/NDF : 159.5/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.072+/-0.599 χ^2/NDF : 963.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.238+/-0.566 χ^2/NDF : 1337.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

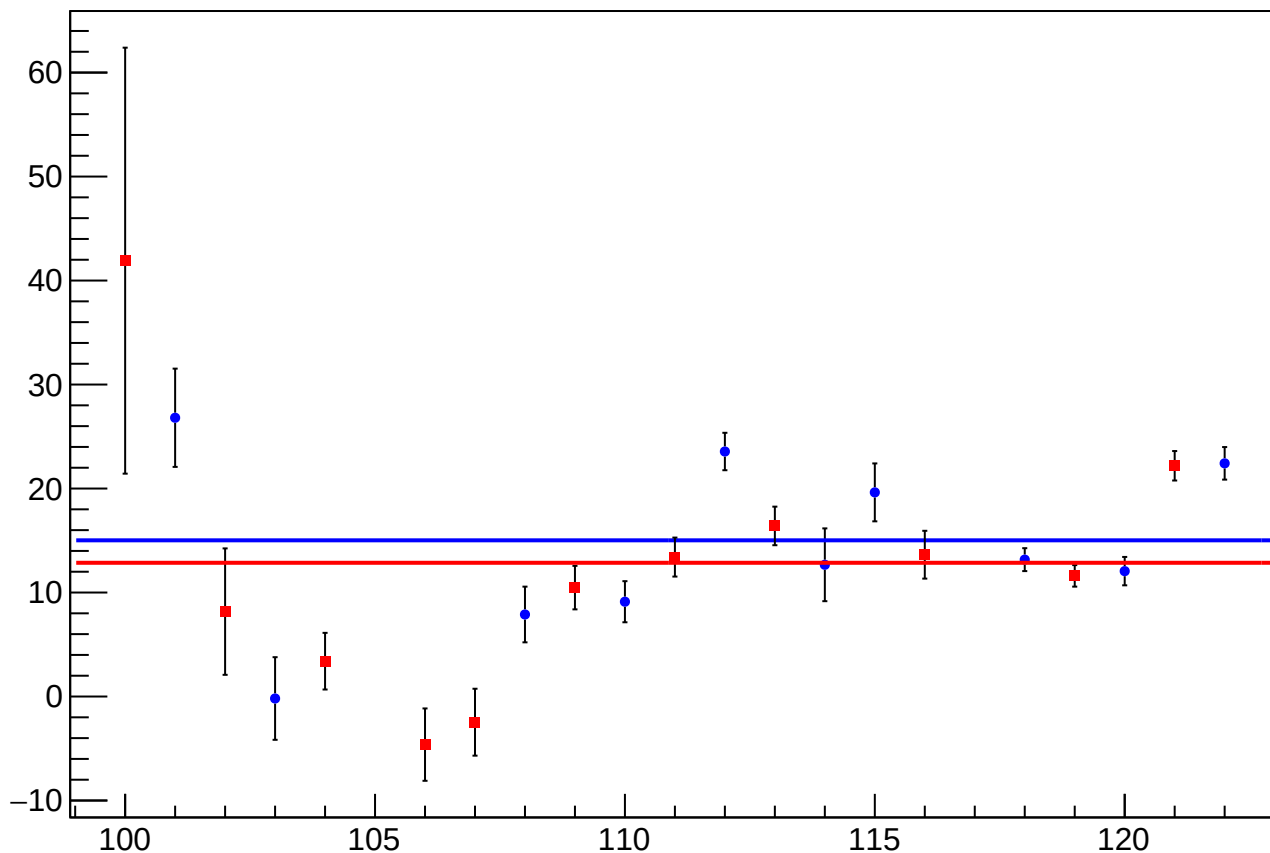
Right: -12.801+/-0.411 χ^2/NDF : 2339.8/20

In: -10.072+/-0.599 χ^2/NDF : 963.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.801+/-0.411 χ^2/NDF : 2339.8/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.020 $\pm$ 0.598 χ^2 /NDF: 92.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.861 $\pm$ 0.601 χ^2 /NDF: 112.6/10

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

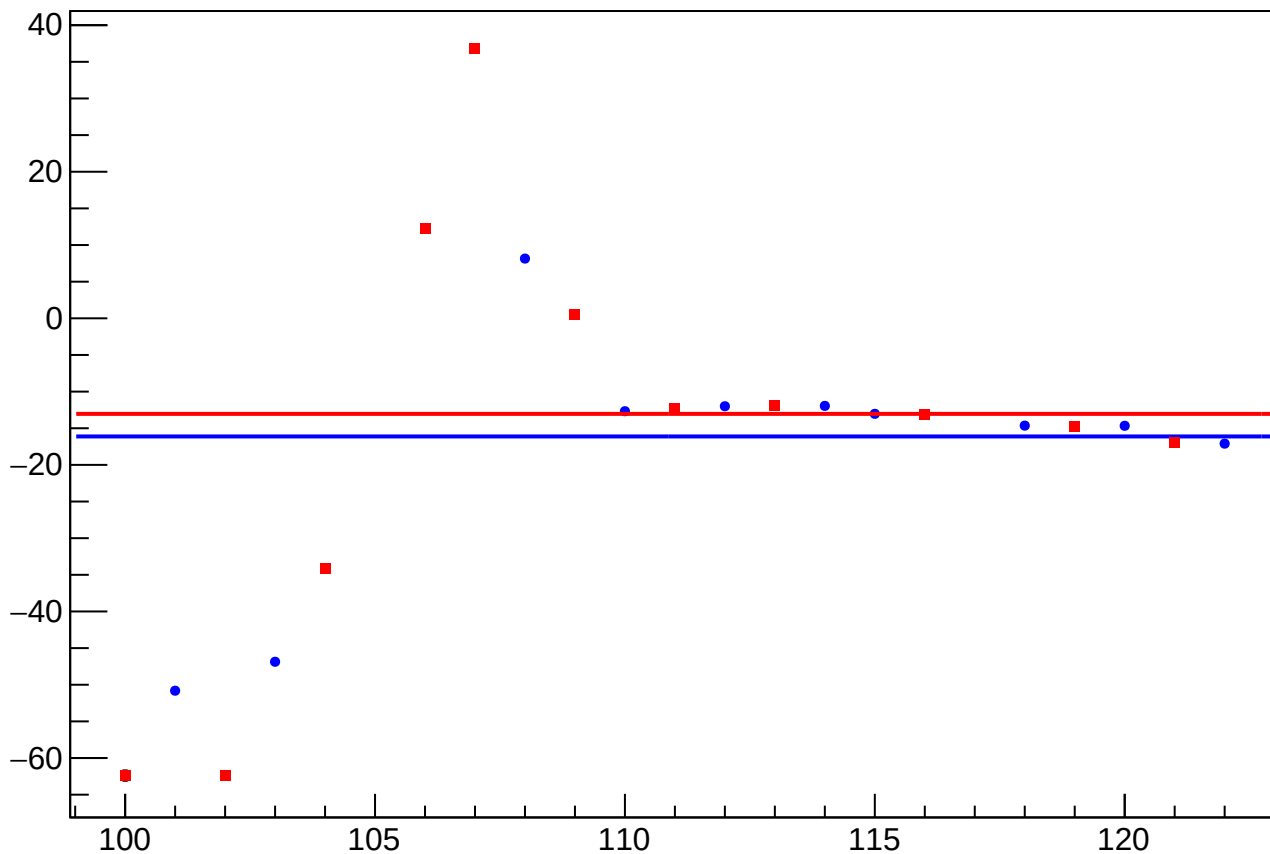
Right: 13.945 $\pm$ 0.424 χ^2 /NDF: 211.7/20

In: 15.020 $\pm$ 0.598 χ^2 /NDF: 92.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.945 $\pm$ 0.424 χ^2 /NDF: 211.7/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.119+/-0.040 χ^2/NDF : 190529.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.039+/-0.039 χ^2/NDF : 278300.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

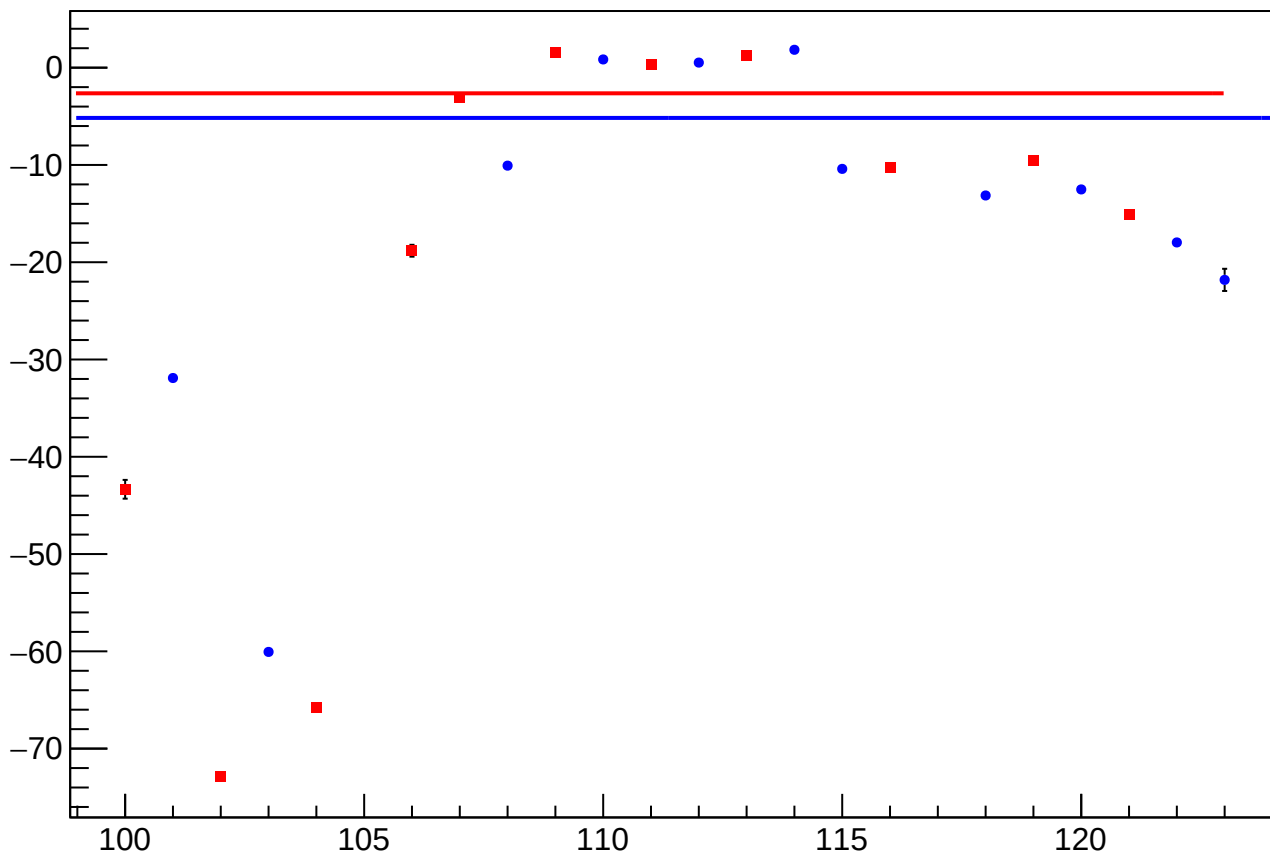
Right: -14.539+/-0.028 χ^2/NDF : 471848.9/20

In: -16.119+/-0.040 χ^2/NDF : 190529.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.539+/-0.028 χ^2/NDF : 471848.9/20

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.165+/-0.064 χ^2/NDF : 34541.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.636+/-0.051 χ^2/NDF : 52316.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

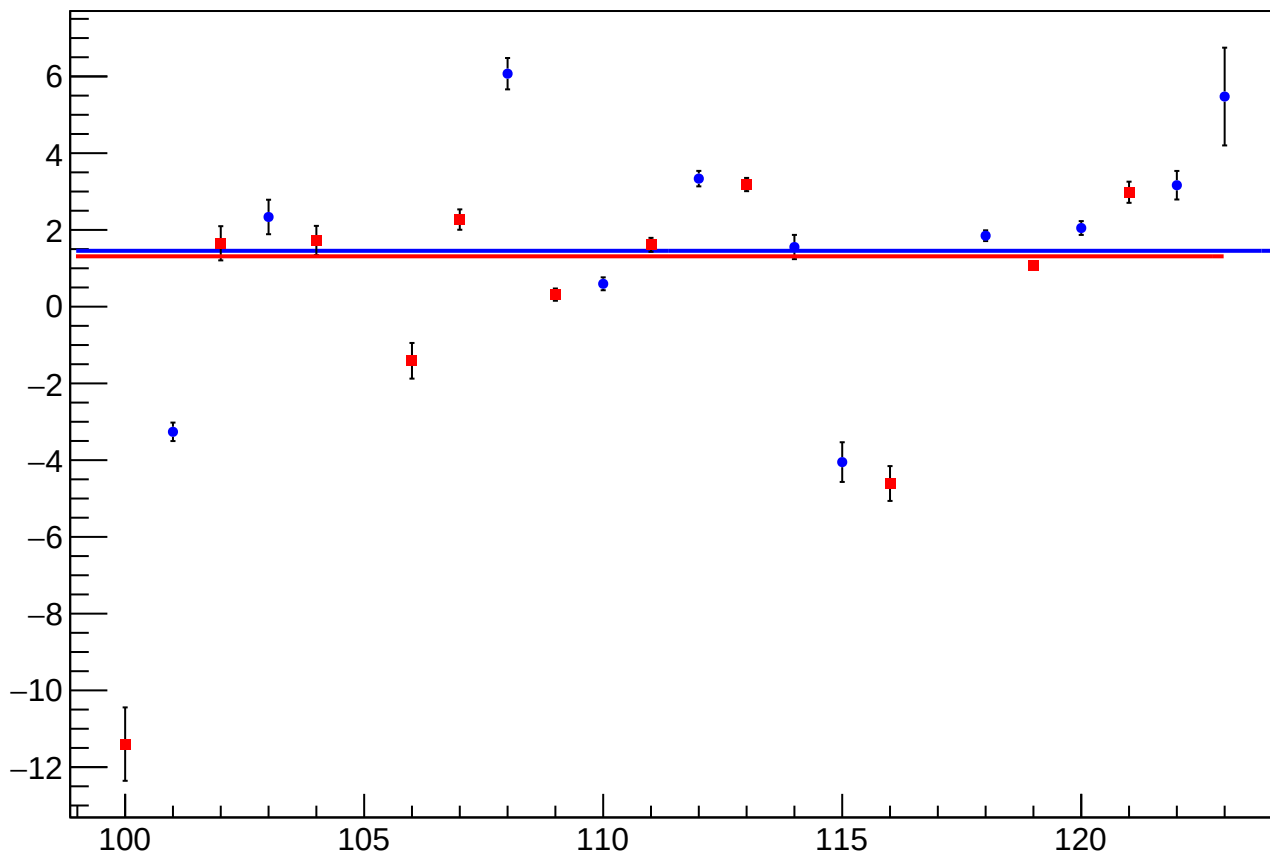
Right: -3.617+/-0.040 χ^2/NDF : 87801.1/21

In: -5.165+/-0.064 χ^2/NDF :34541.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.617+/-0.040 χ^2/NDF : 87801.1/21

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.456+/-0.072 χ^2/NDF : 792.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.312+/-0.067 χ^2/NDF : 596.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

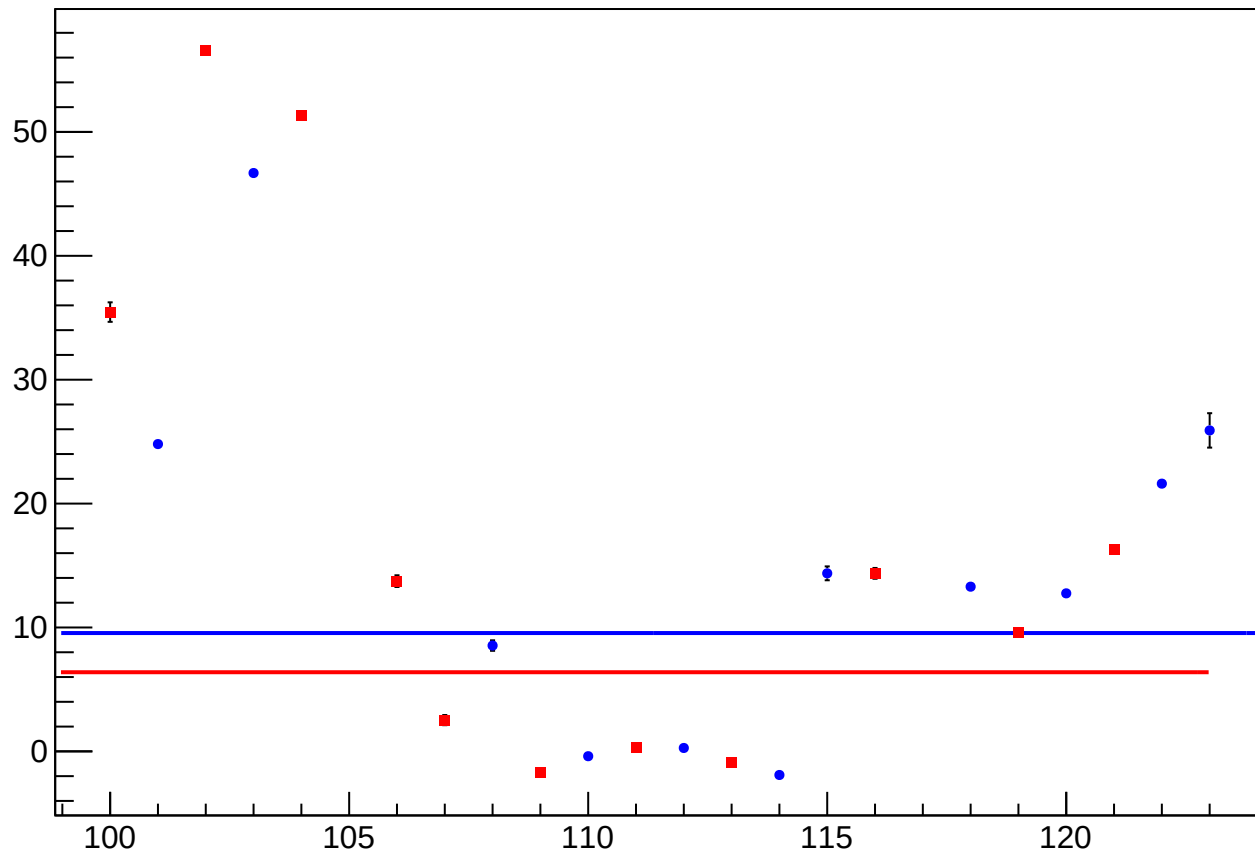
Right: 1.378+/-0.049 χ^2/NDF : 1391.2/21

In: 1.456+/-0.072 χ^2/NDF : 792.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.378+/-0.049 χ^2/NDF : 1391.2/21

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.551+/-0.080 χ^2/NDF : 26034.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.388+/-0.068 χ^2/NDF : 44905.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

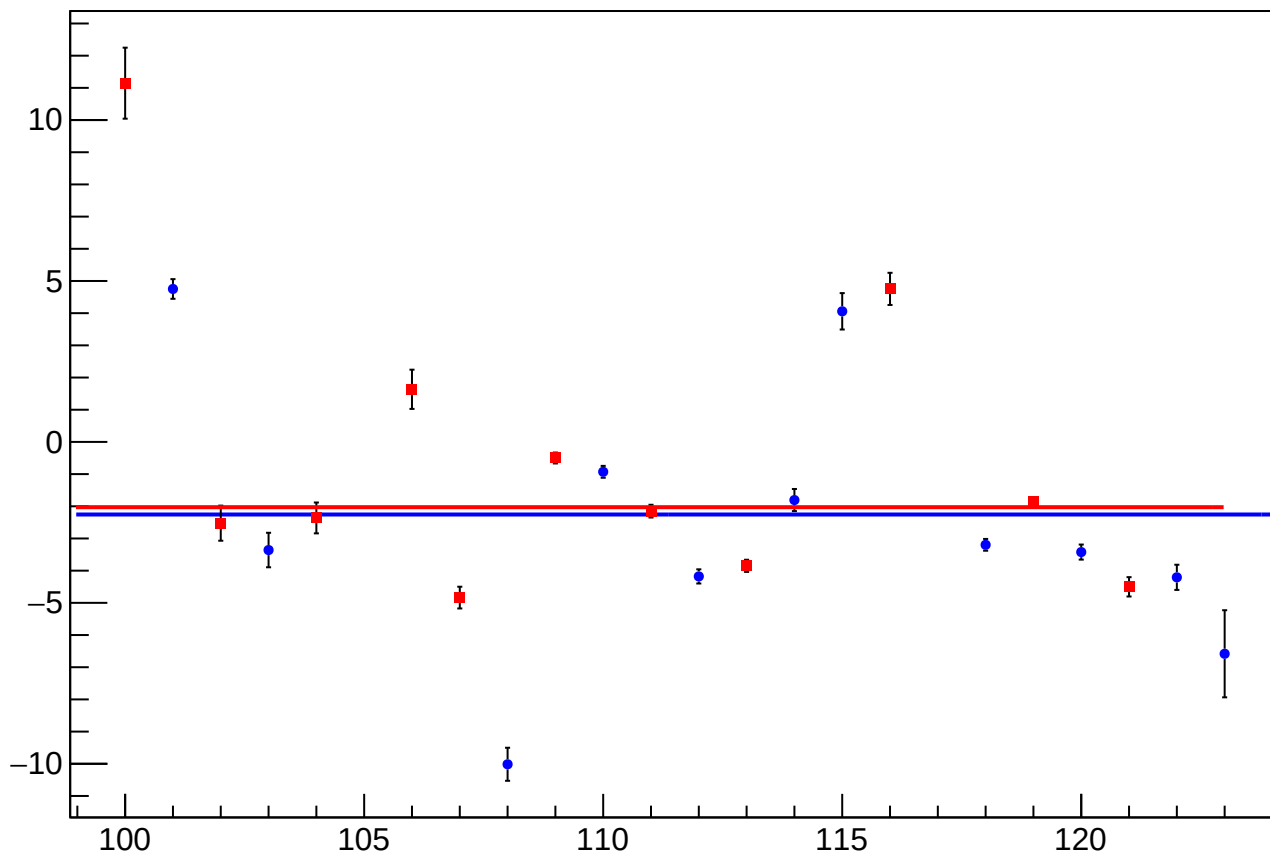
Right: 7.728+/-0.052 χ^2/NDF : 71845.2/21

In: 9.551+/-0.080 χ^2/NDF : 26034.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.728+/-0.052 χ^2/NDF : 71845.2/21

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.255+/-0.086 χ^2/NDF : 1099.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.028+/-0.078 χ^2/NDF : 678.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

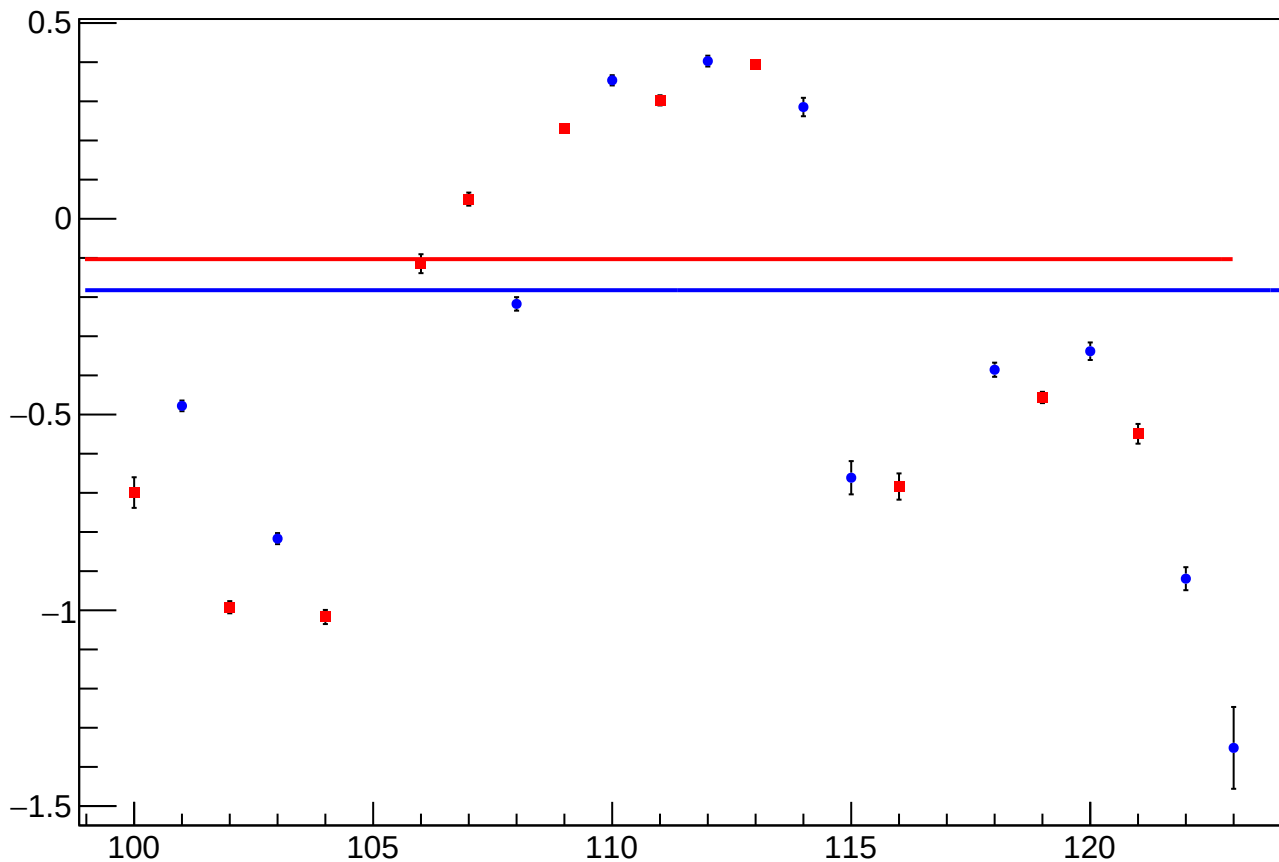
Right: -2.130+/-0.058 χ^2/NDF : 1781.6/21

In: -2.255+/-0.086 χ^2/NDF : 1099.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.130+/-0.058 χ^2/NDF : 1781.6/21

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.005 $\chi^2/\text{NDF}: 7397.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.103 ± 0.005 $\chi^2/\text{NDF}: 11229.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

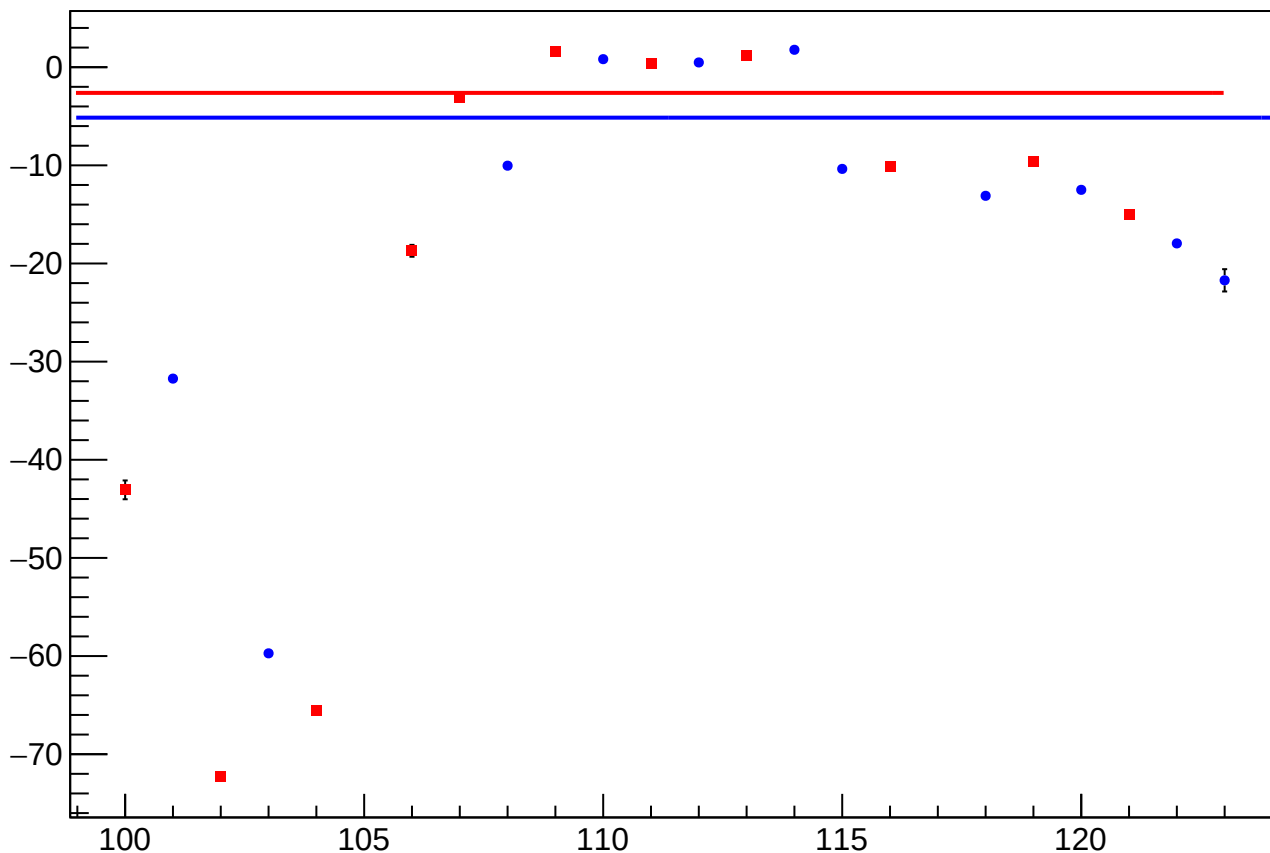
Right: -0.138 ± 0.004 $\chi^2/\text{NDF}: 18746.0/21$

In: -0.182 ± 0.005 $\chi^2/\text{NDF}: 7397.9/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.138 ± 0.004 $\chi^2/\text{NDF}: 18746.0/21$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.141+/-0.064 χ^2/NDF : 34522.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.618+/-0.051 χ^2/NDF : 52290.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

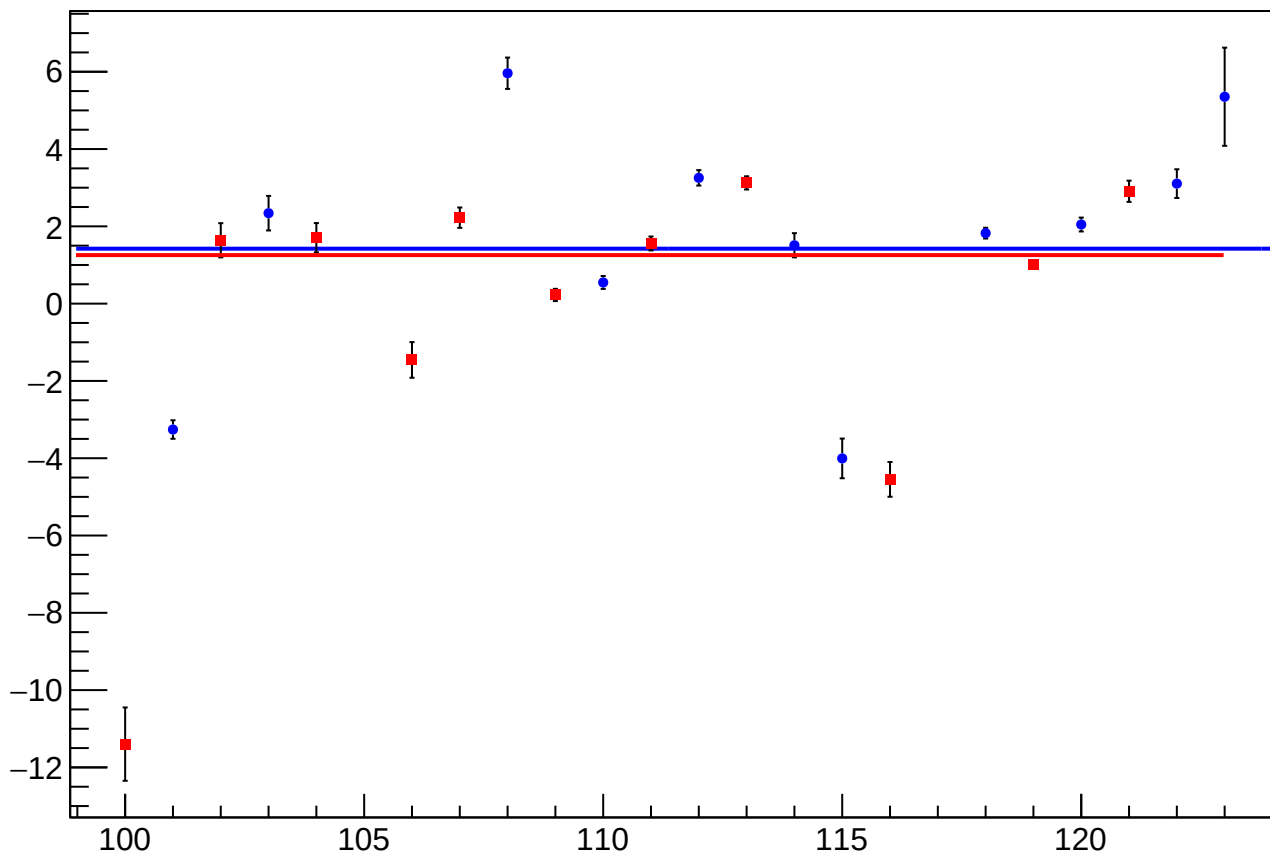
Right: -3.597+/-0.040 χ^2/NDF : 87765.5/21

In: -5.141+/-0.064 χ^2/NDF :34522.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.597+/-0.040 χ^2/NDF : 87765.5/21

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.422+/-0.072 χ^2/NDF : 786.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.256+/-0.066 χ^2/NDF : 599.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

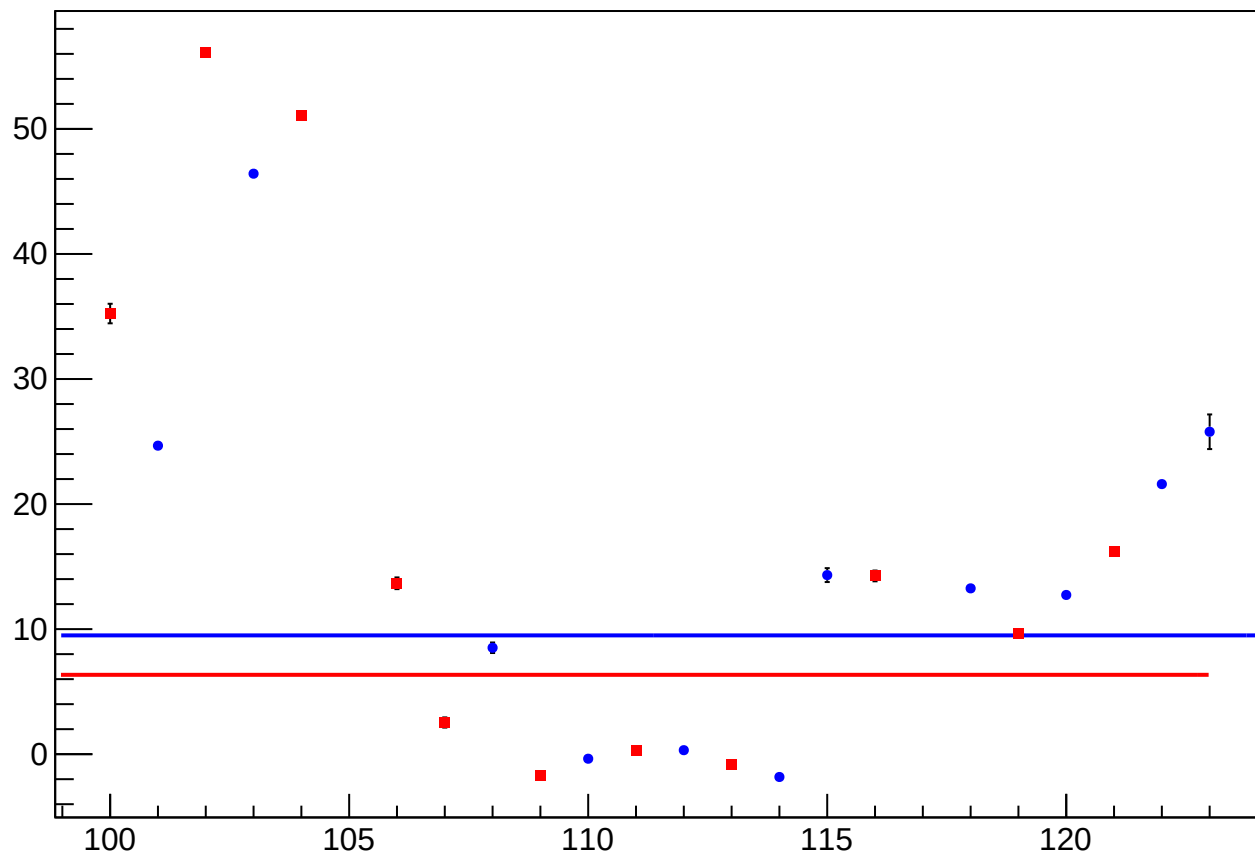
Right: 1.332+/-0.049 χ^2/NDF : 1388.6/21

In: 1.422+/-0.072 χ^2/NDF : 786.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.332+/-0.049 χ^2/NDF : 1388.6/21

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.499+/-0.079 χ^2/NDF : 26018.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.346+/-0.068 χ^2/NDF : 44890.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

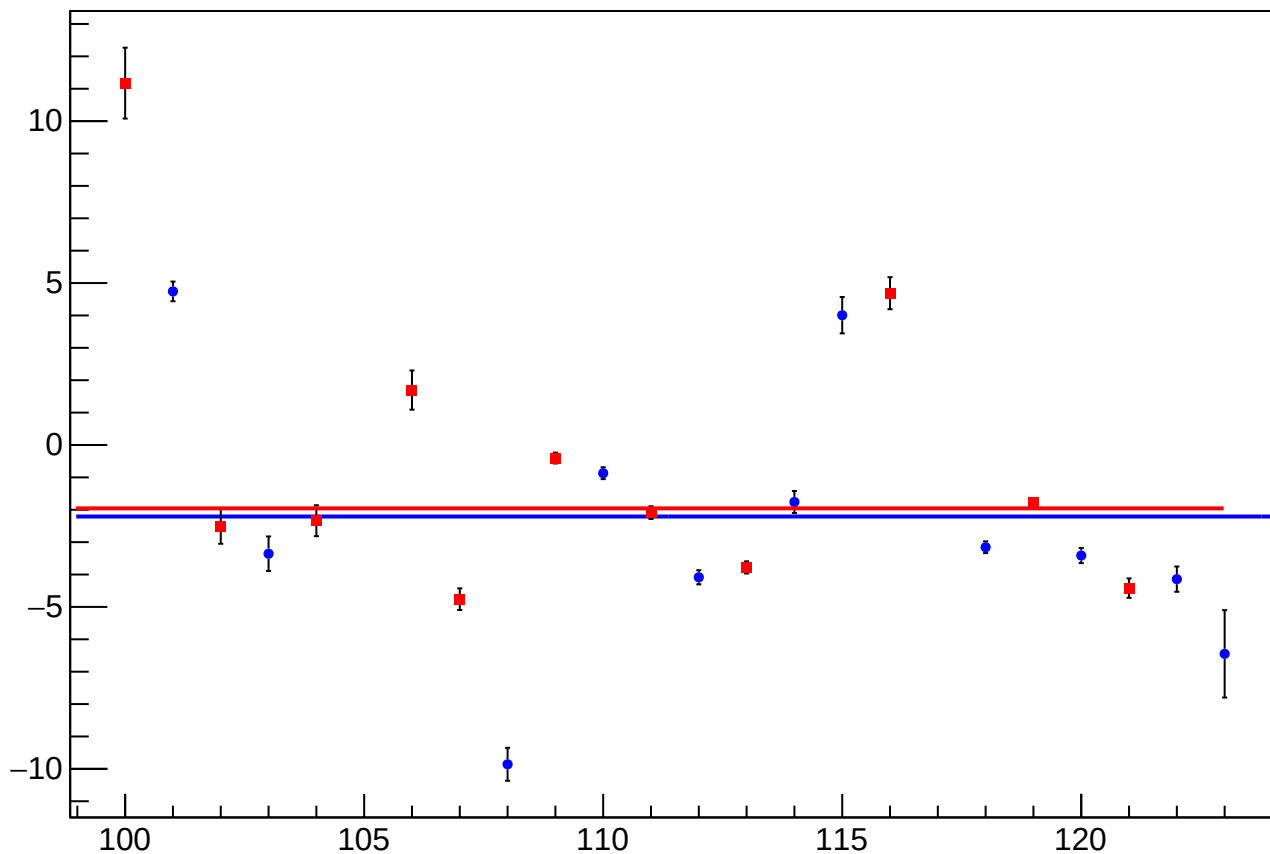
Right: 7.683+/-0.052 χ^2/NDF : 71821.0/21

In: 9.499+/-0.079 χ^2/NDF : 26018.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.683+/-0.052 χ^2/NDF : 71821.0/21

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.208 ± 0.086 χ^2/NDF : 1093.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.957 ± 0.077 χ^2/NDF : 682.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

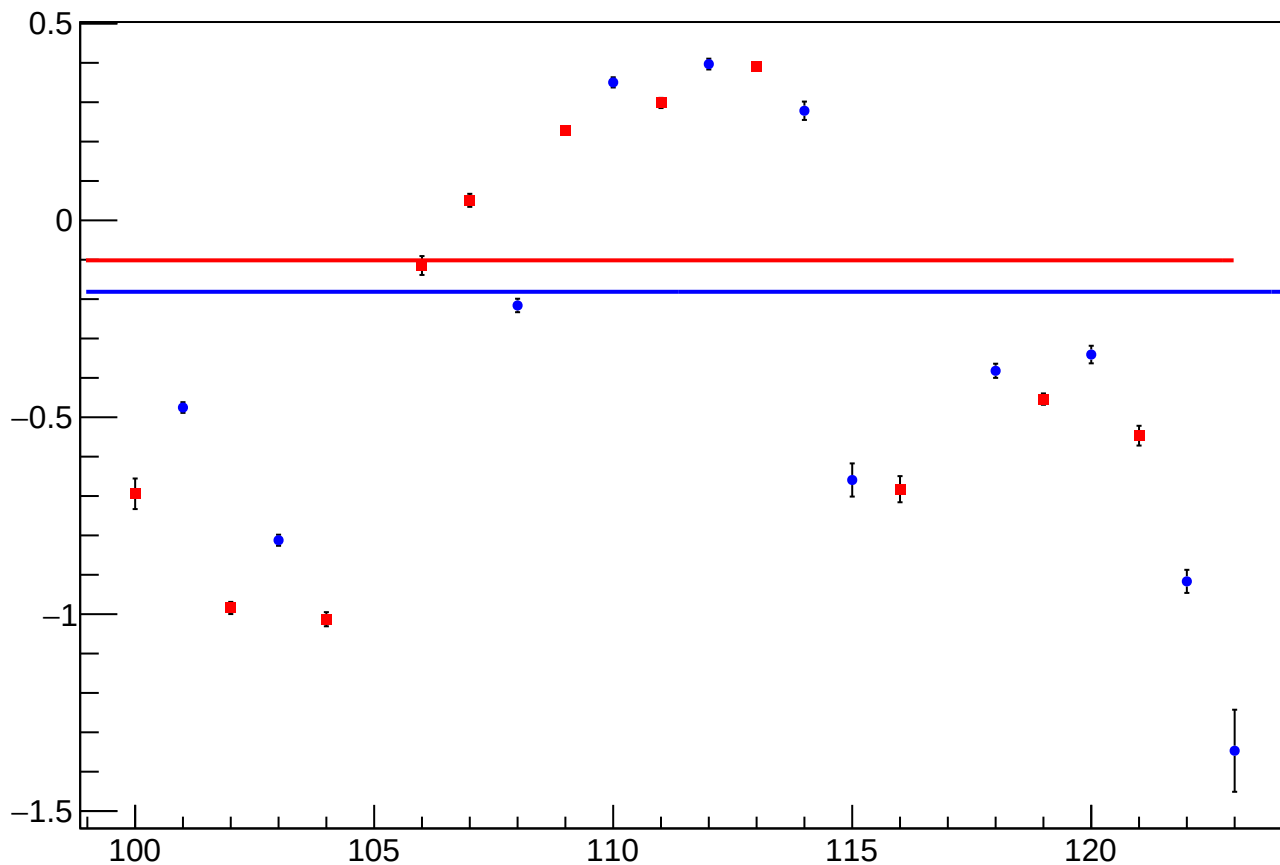
Right: -2.070 ± 0.057 χ^2/NDF : 1780.9/21

In: -2.208 ± 0.086 χ^2/NDF : 1093.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.070 ± 0.057 χ^2/NDF : 1780.9/21

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.181+/-0.005 χ^2/NDF : 7378.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.102+/-0.005 χ^2/NDF : 11221.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

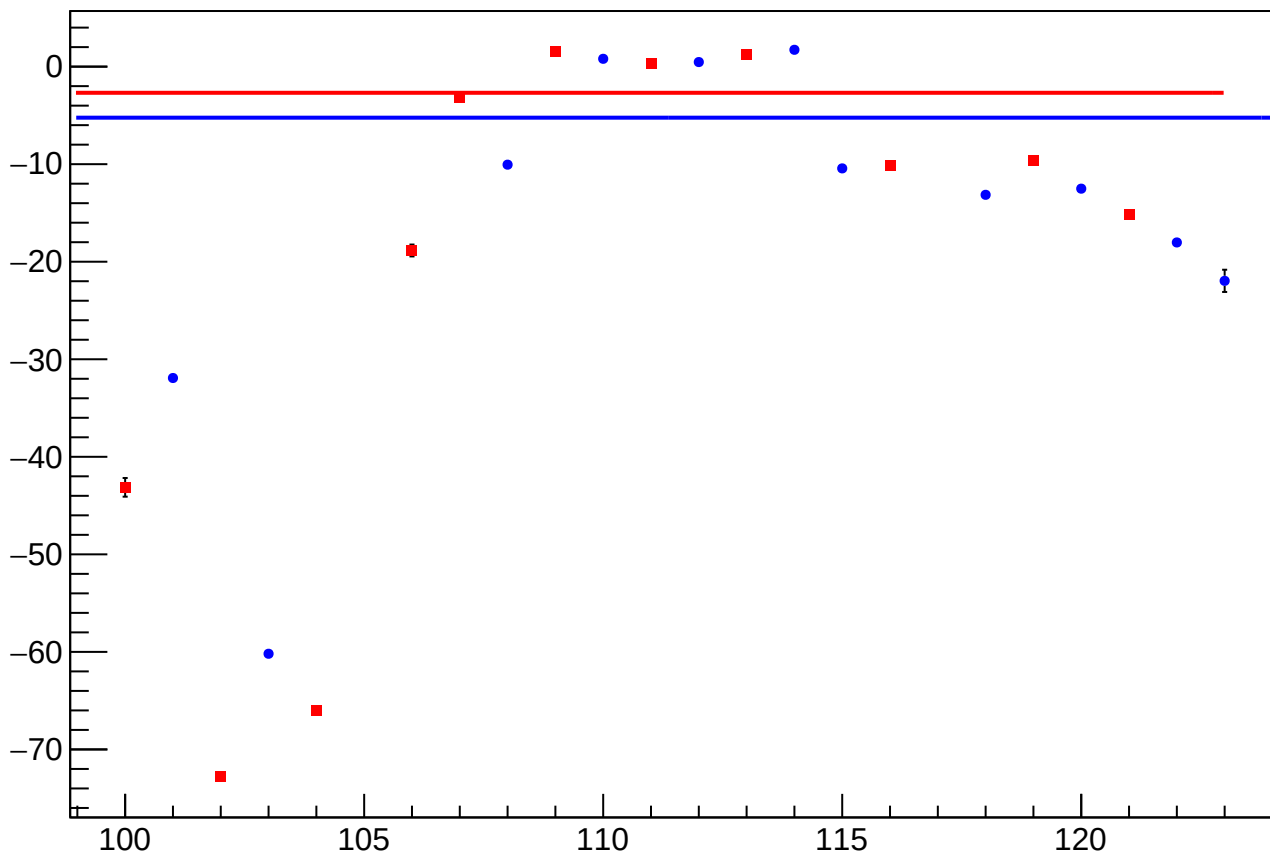
Right: -0.136+/-0.004 χ^2/NDF : 18721.5/21

In: -0.181+/-0.005 χ^2/NDF :7378.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.136+/-0.004 χ^2/NDF : 18721.5/21

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.233+/-0.064 χ^2/NDF : 34468.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.682+/-0.051 χ^2/NDF : 52250.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

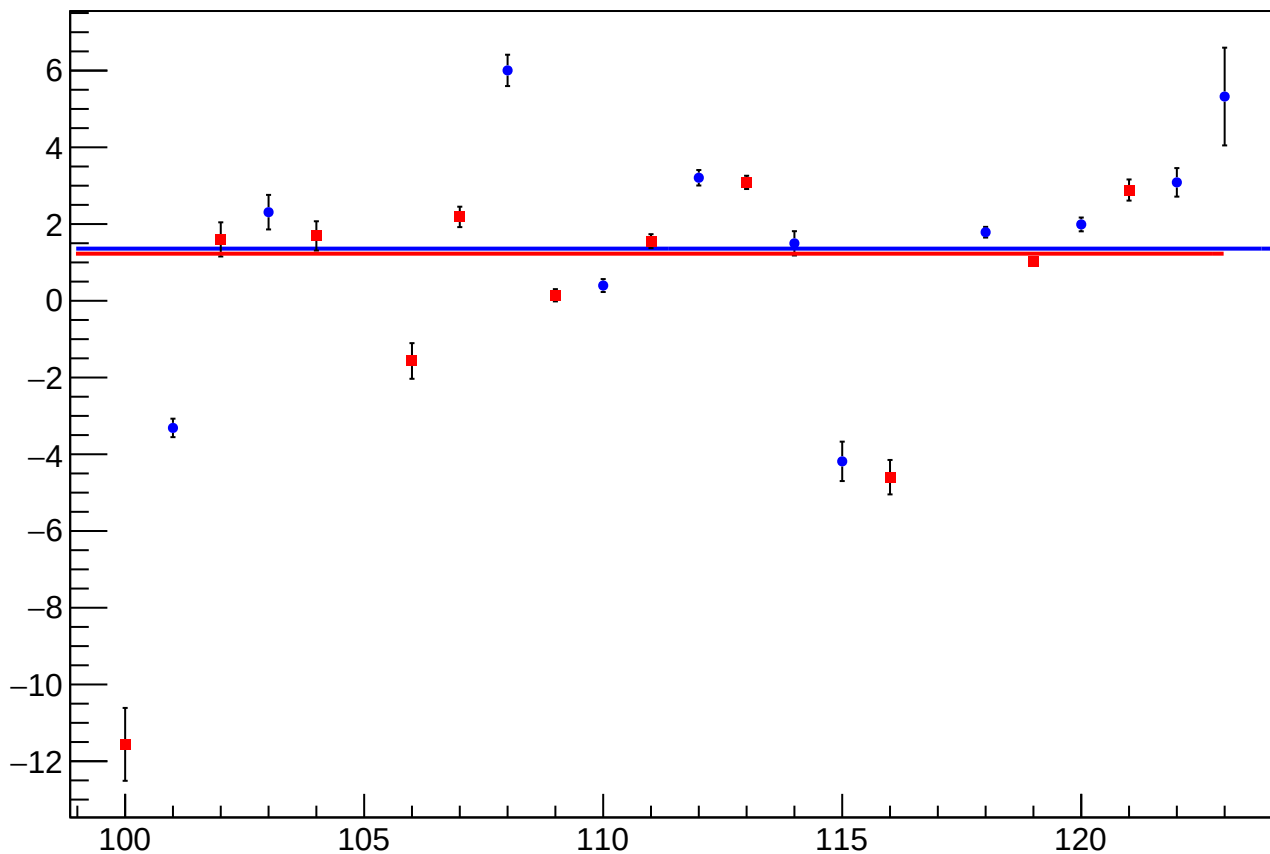
Right: -3.672+/-0.040 χ^2/NDF : 87676.5/21

In: -5.233+/-0.064 χ^2/NDF :34468.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.672+/-0.040 χ^2/NDF : 87676.5/21

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.359+/-0.072 χ^2/NDF : 797.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.228+/-0.067 χ^2/NDF : 605.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

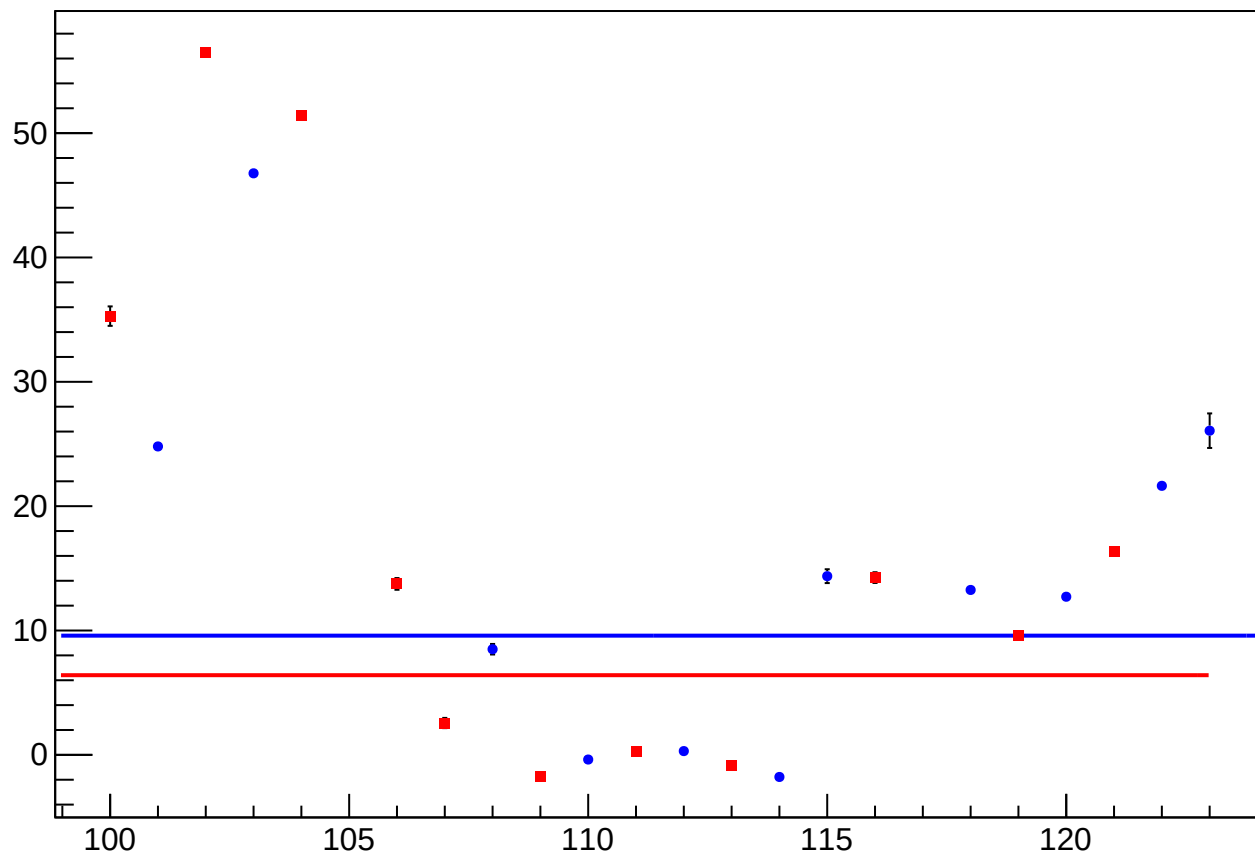
Right: 1.289+/-0.049 χ^2/NDF : 1403.9/21

In: 1.359+/-0.072 χ^2/NDF : 797.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.289+/-0.049 χ^2/NDF : 1403.9/21

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.587+/-0.080 χ^2/NDF : 25962.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.407+/-0.069 χ^2/NDF : 44851.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

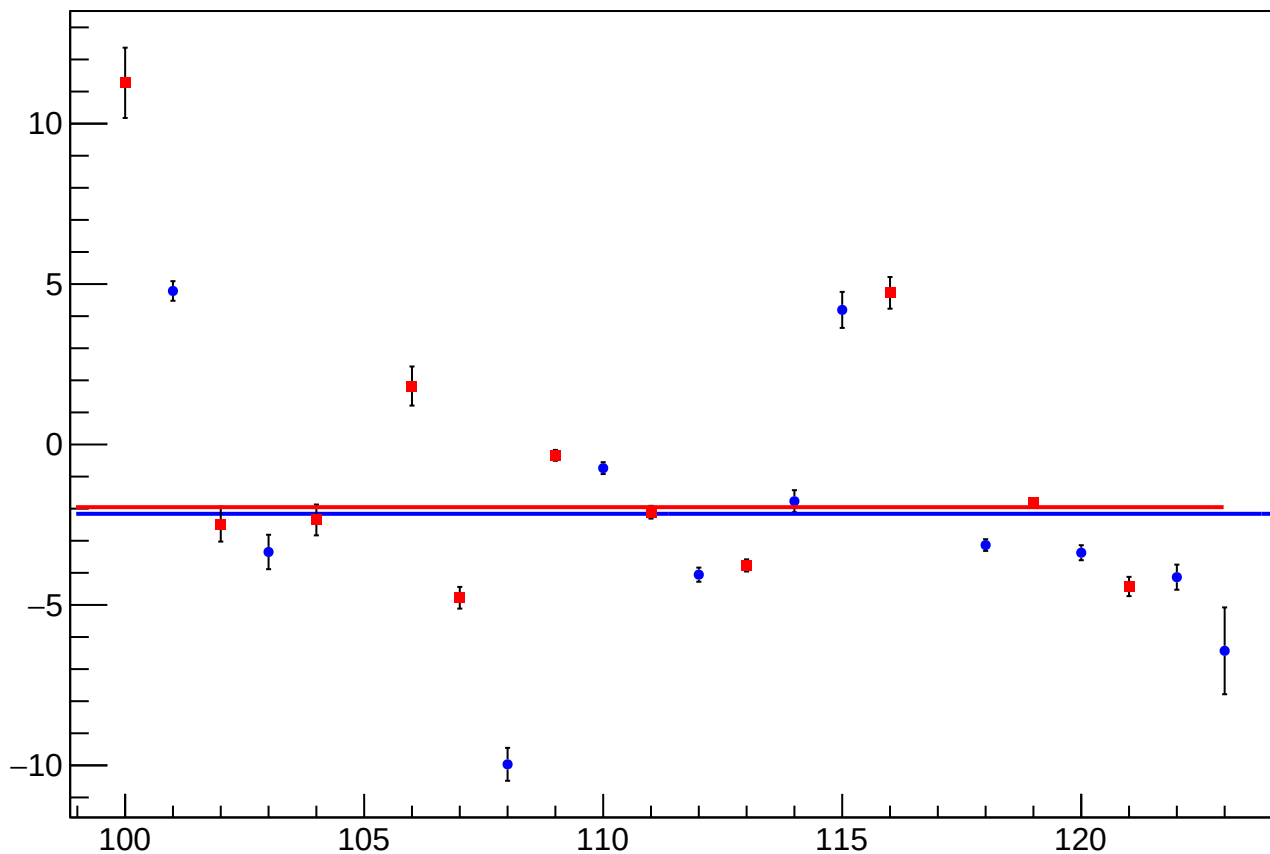
Right: 7.756+/-0.052 χ^2/NDF : 71727.4/21

In: 9.587+/-0.080 χ^2/NDF : 25962.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.756+/-0.052 χ^2/NDF : 71727.4/21

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.160 ± 0.086 χ^2/NDF : 1106.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.953 ± 0.078 χ^2/NDF : 690.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

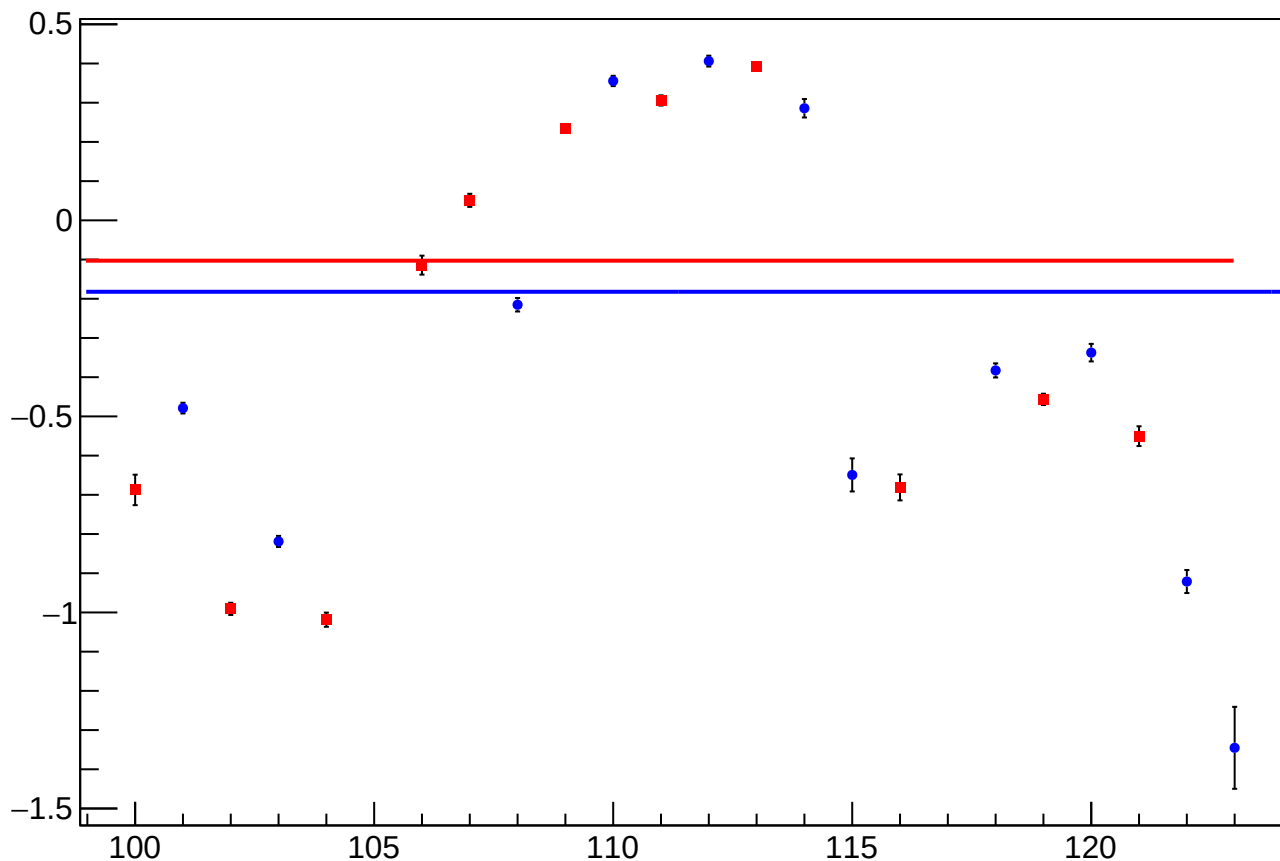
Right: -2.046 ± 0.058 χ^2/NDF : 1800.1/21

In: -2.160 ± 0.086 χ^2/NDF : 1106.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.046 ± 0.058 χ^2/NDF : 1800.1/21

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182+/-0.005 χ^2/NDF : 7418.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.103+/-0.005 χ^2/NDF : 11228.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

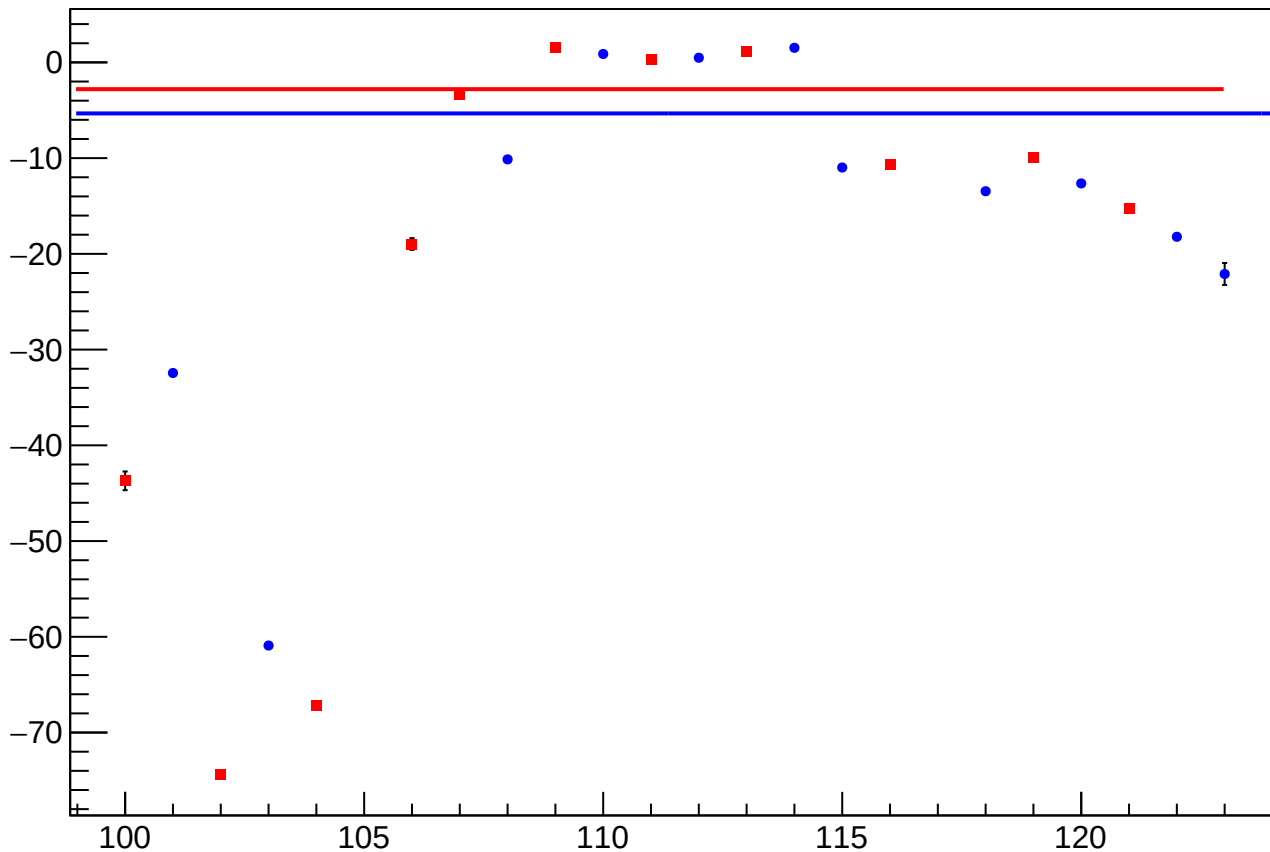
Right: -0.137+/-0.004 χ^2/NDF : 18764.7/21

In: -0.182+/-0.005 χ^2/NDF :7418.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.137+/-0.004 χ^2/NDF : 18764.7/21

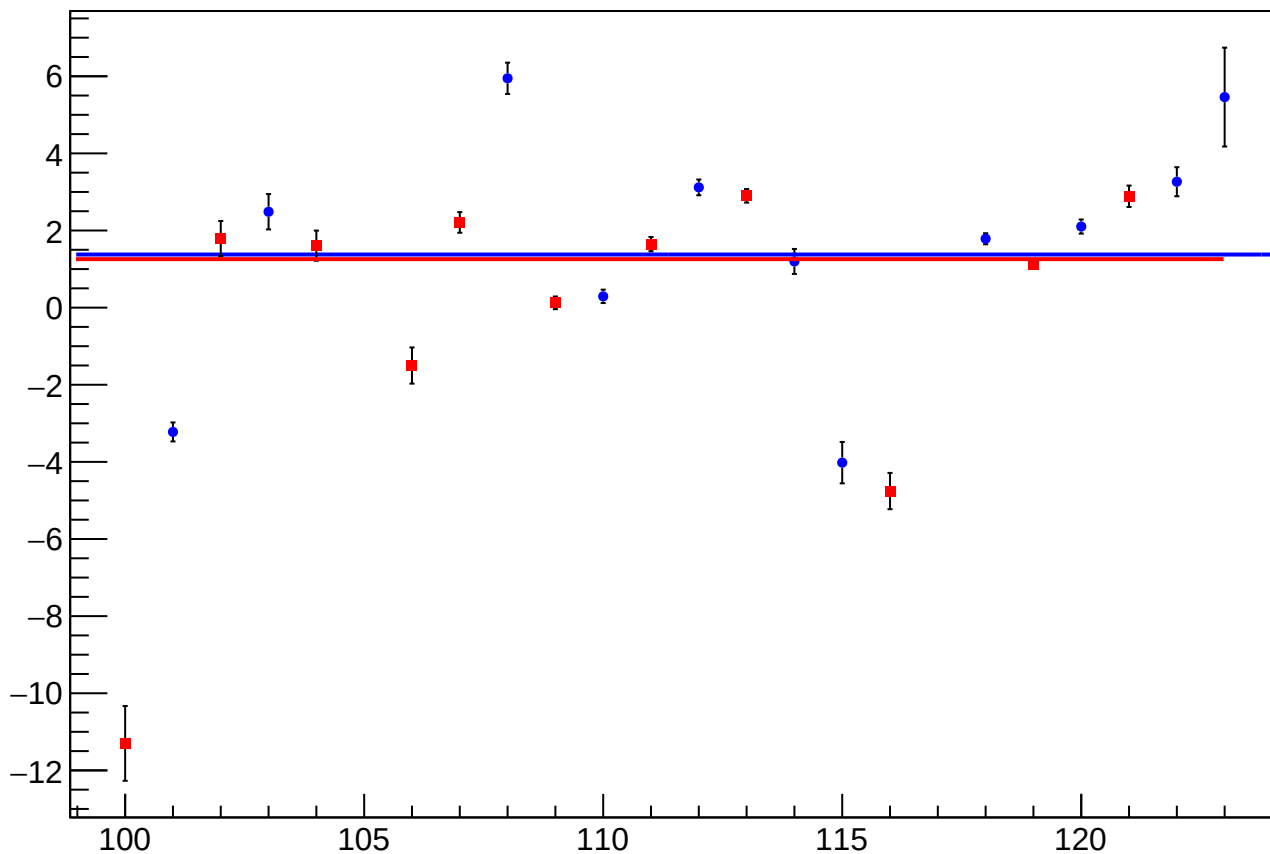
reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.330 $\pm$ 0.066 χ^2/NDF : 34024.6/10
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0
 Right Out: -2.794 $\pm$ 0.053 χ^2/NDF : 51905.4/10
 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: -3.783 $\pm$ 0.041 χ^2/NDF : 86833.3/21
 In: -5.330 $\pm$ 0.066 χ^2/NDF :34024.6/10
 Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0
 All: -3.783 $\pm$ 0.041 χ^2/NDF : 86833.3/21

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.377+/-0.074 χ^2/NDF : 753.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.258+/-0.068 χ^2/NDF : 555.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

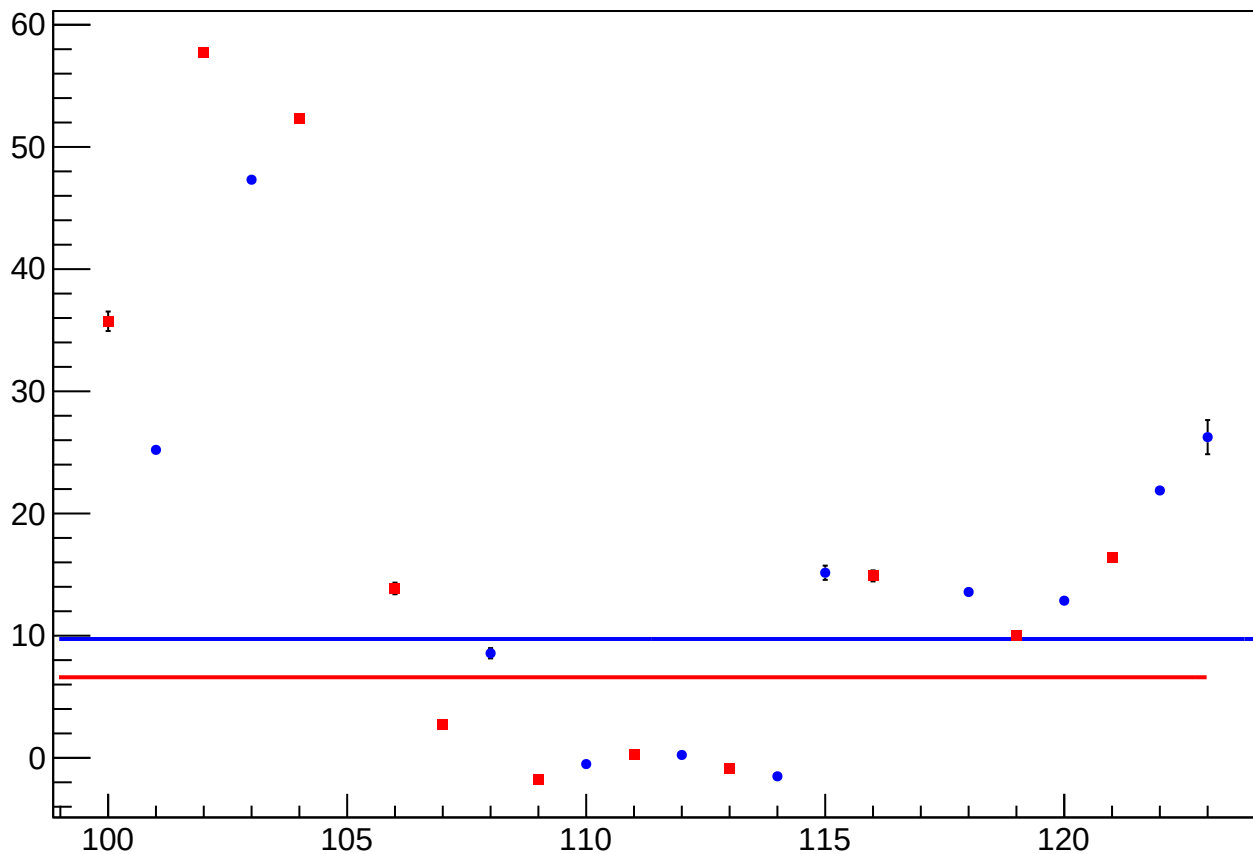
Right: 1.313+/-0.050 χ^2/NDF : 1310.0/21

In: 1.377+/-0.074 χ^2/NDF : 753.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.313+/-0.050 χ^2/NDF : 1310.0/21

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.730+/-0.082 χ^2/NDF : 25668.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.597+/-0.070 χ^2/NDF : 44534.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

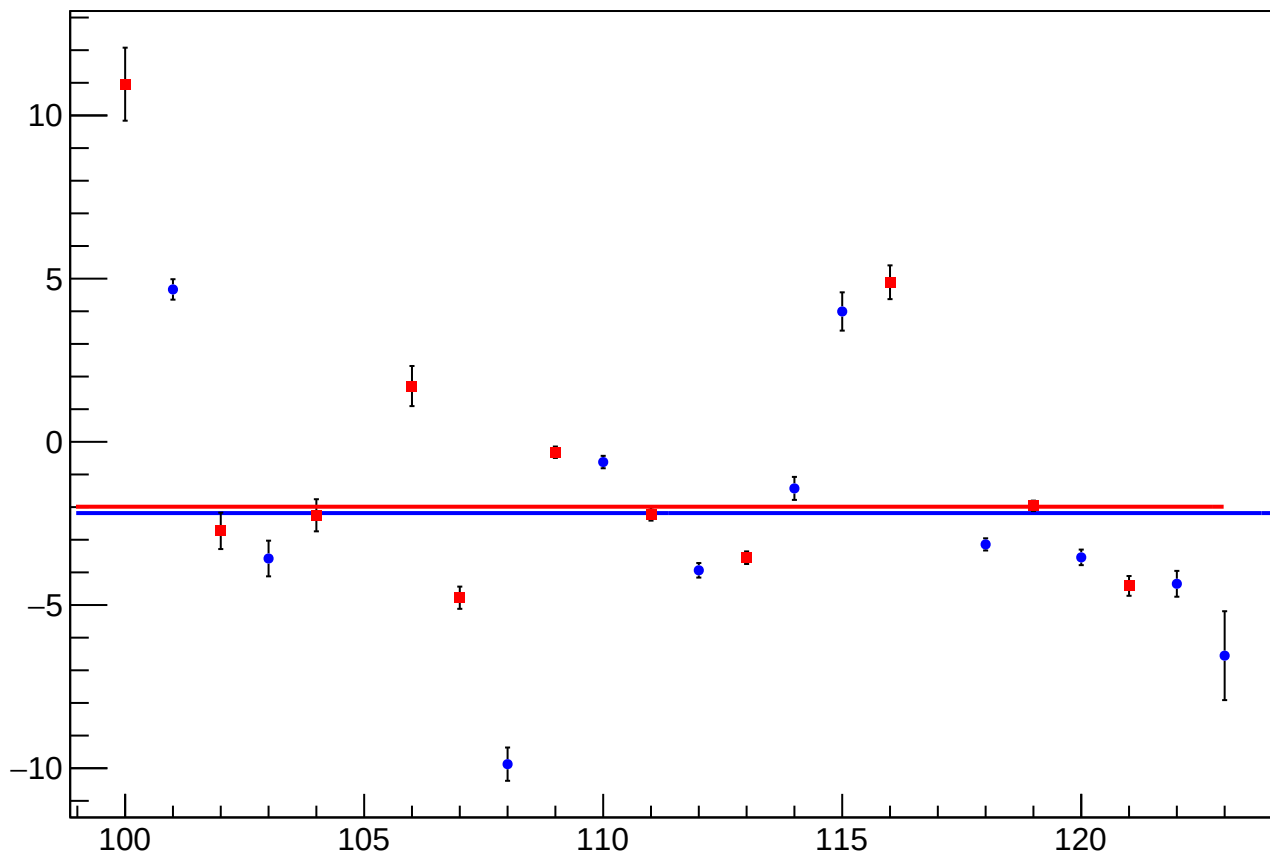
Right: 7.931+/-0.053 χ^2/NDF : 71050.4/21

In: 9.730+/-0.082 χ^2/NDF :25668.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.931+/-0.053 χ^2/NDF : 71050.4/21

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.183 ± 0.088 χ^2/NDF : 1057.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.988 ± 0.080 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

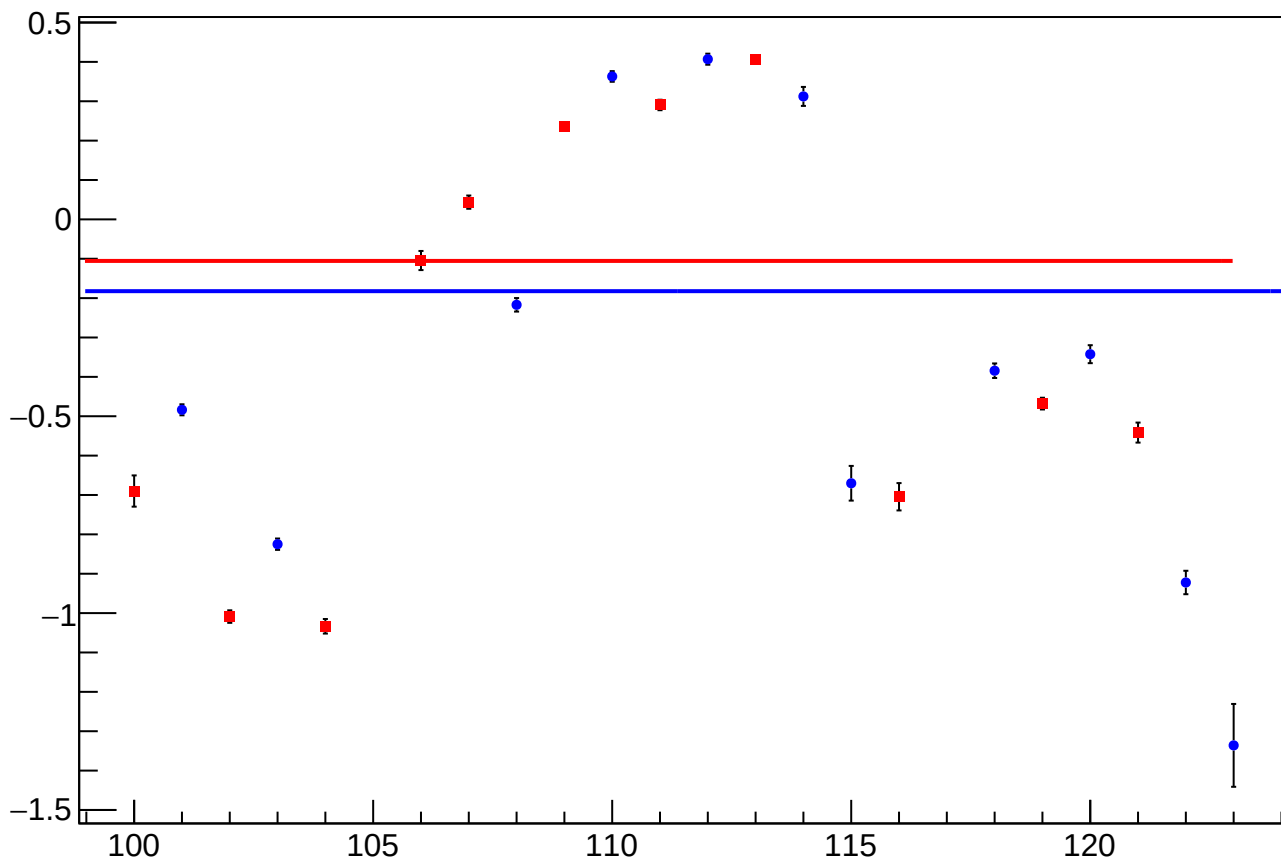
Right: -2.076 ± 0.059 χ^2/NDF : 1698.1/21

In: -2.183 ± 0.088 χ^2/NDF : 1057.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.076 ± 0.059 χ^2/NDF : 1698.1/21

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.006 χ^2 /NDF: 7287.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.106 $\pm$ 0.005 χ^2 /NDF: 11009.9/10

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

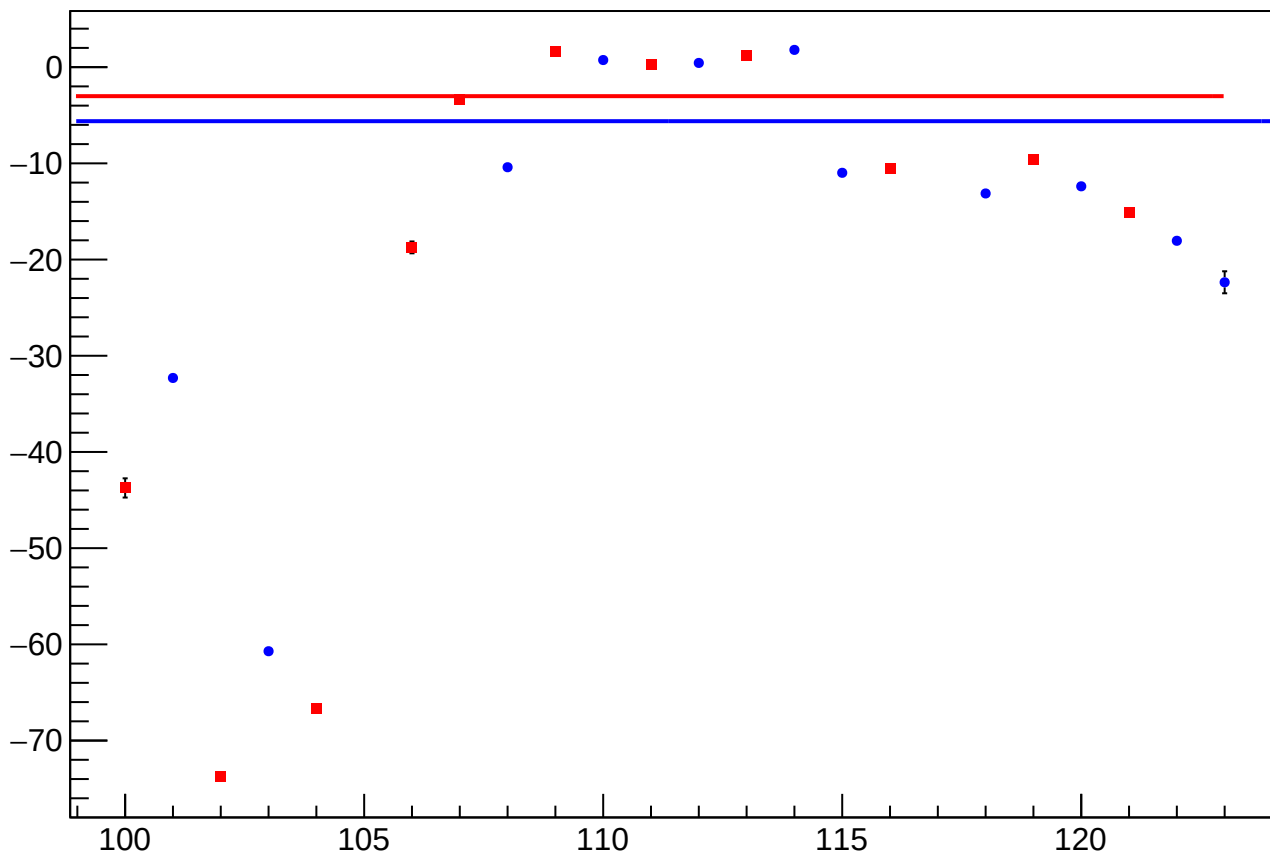
Right: -0.139 $\pm$ 0.004 χ^2 /NDF: 18404.1/21

In: -0.182 $\pm$ 0.006 χ^2 /NDF:7287.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.139 $\pm$ 0.004 χ^2 /NDF: 18404.1/21

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.616+/-0.067 χ^2/NDF : 33042.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.015+/-0.054 χ^2/NDF : 50672.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

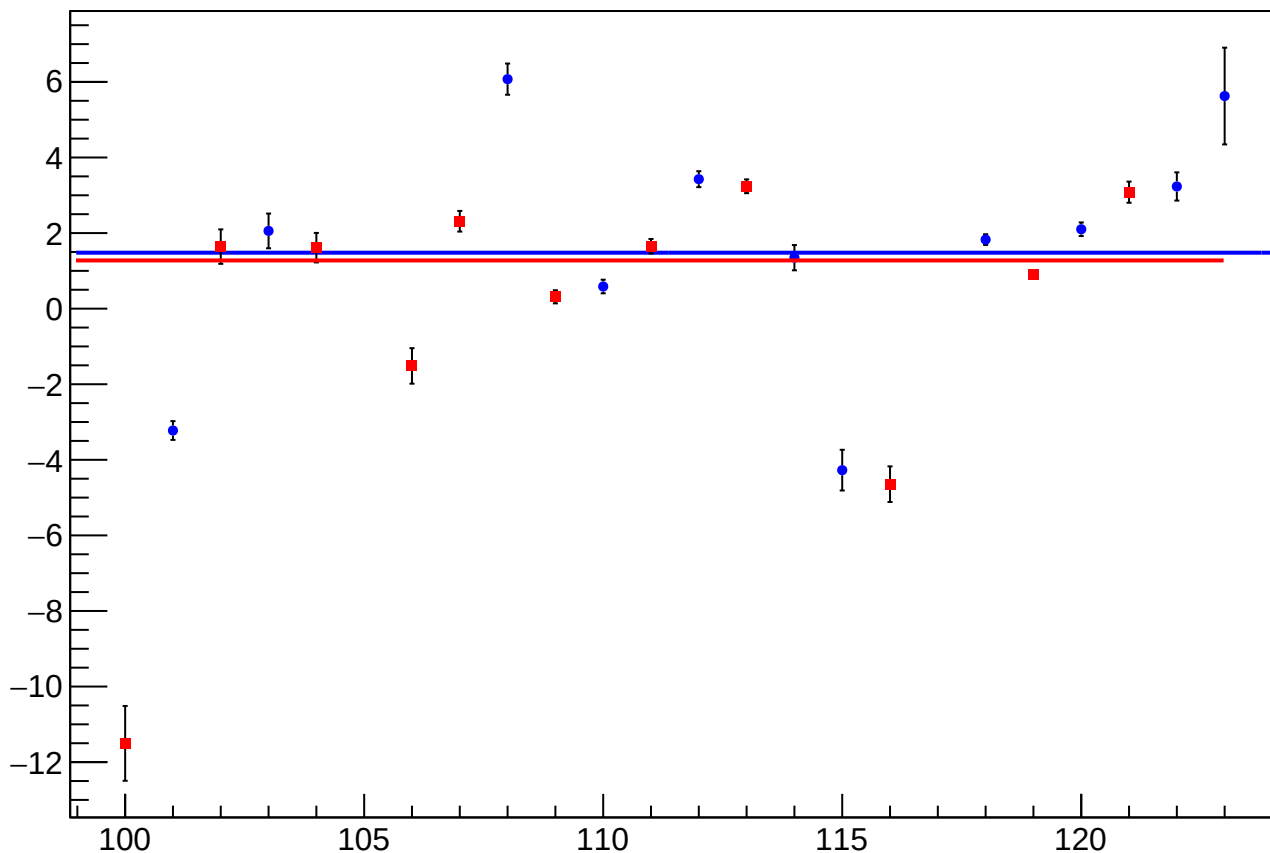
Right: -4.040+/-0.042 χ^2/NDF : 84616.5/21

In: -5.616+/-0.067 χ^2/NDF :33042.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.040+/-0.042 χ^2/NDF : 84616.5/21

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.481+/-0.074 χ^2/NDF : 758.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.276+/-0.069 χ^2/NDF : 577.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

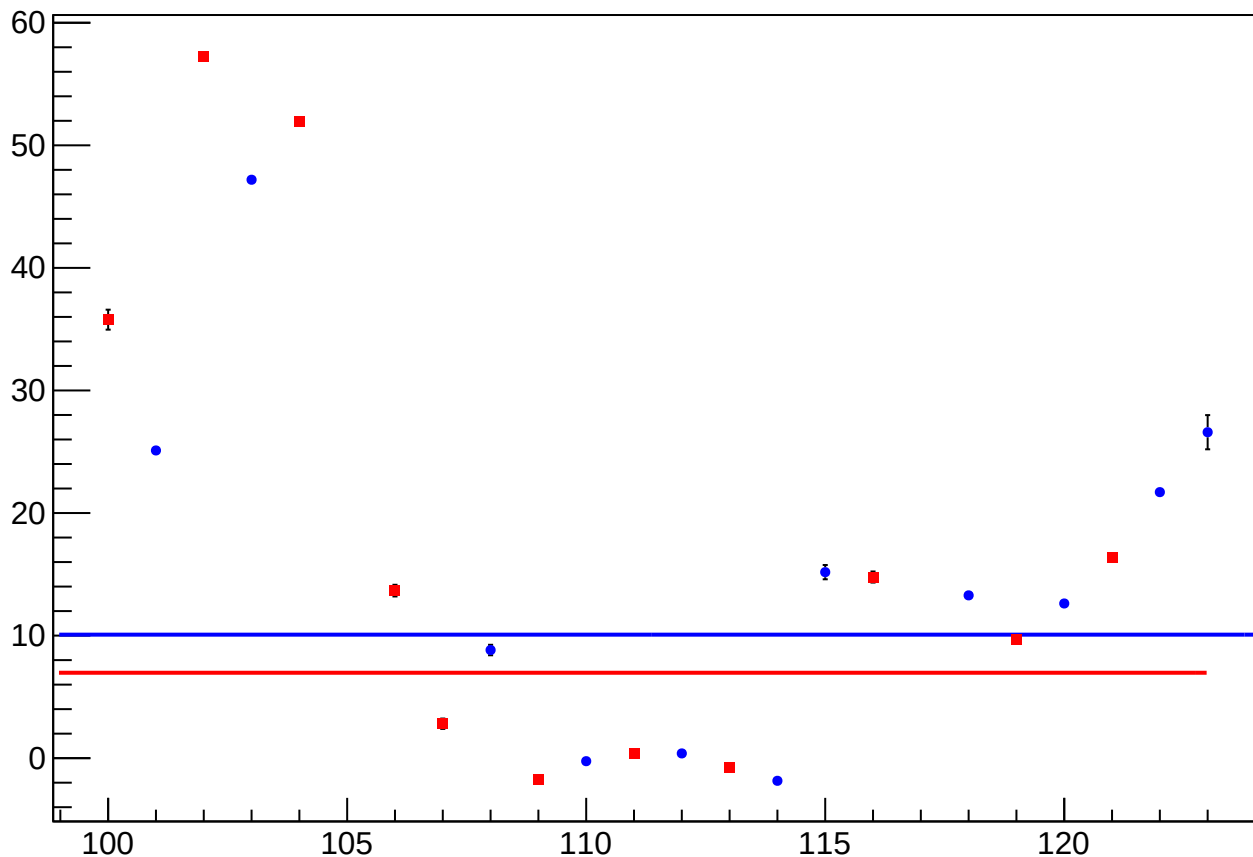
Right: 1.371+/-0.051 χ^2/NDF : 1340.3/21

In: 1.481+/-0.074 χ^2/NDF : 758.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.371+/-0.051 χ^2/NDF : 1340.3/21

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077+/-0.083 χ^2/NDF : 24625.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.969+/-0.072 χ^2/NDF : 43080.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

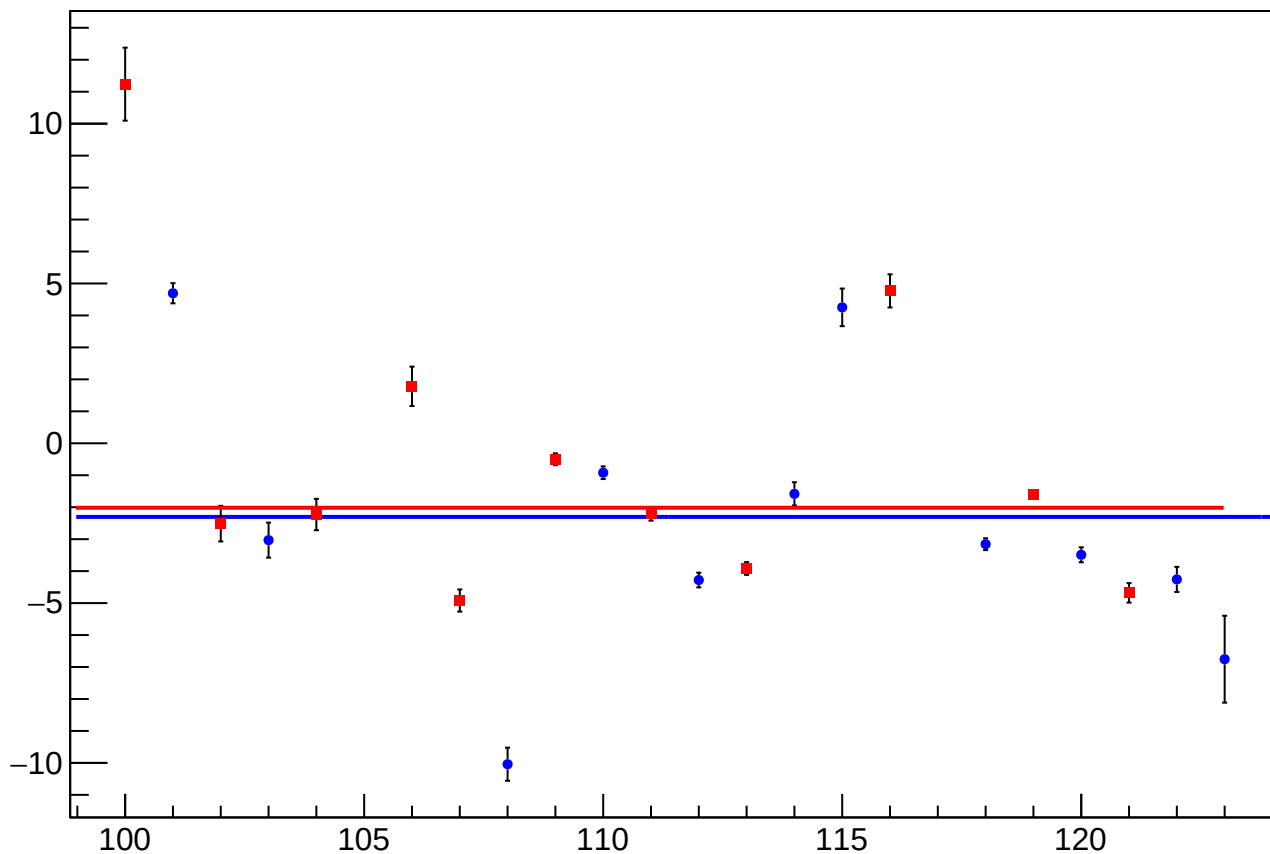
Right: 8.304+/-0.054 χ^2/NDF : 68507.2/21

In: 10.077+/-0.083 χ^2/NDF : 24625.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.304+/-0.054 χ^2/NDF : 68507.2/21

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.303 ± 0.089 χ^2/NDF : 1049.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.017 ± 0.081 χ^2/NDF : 657.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

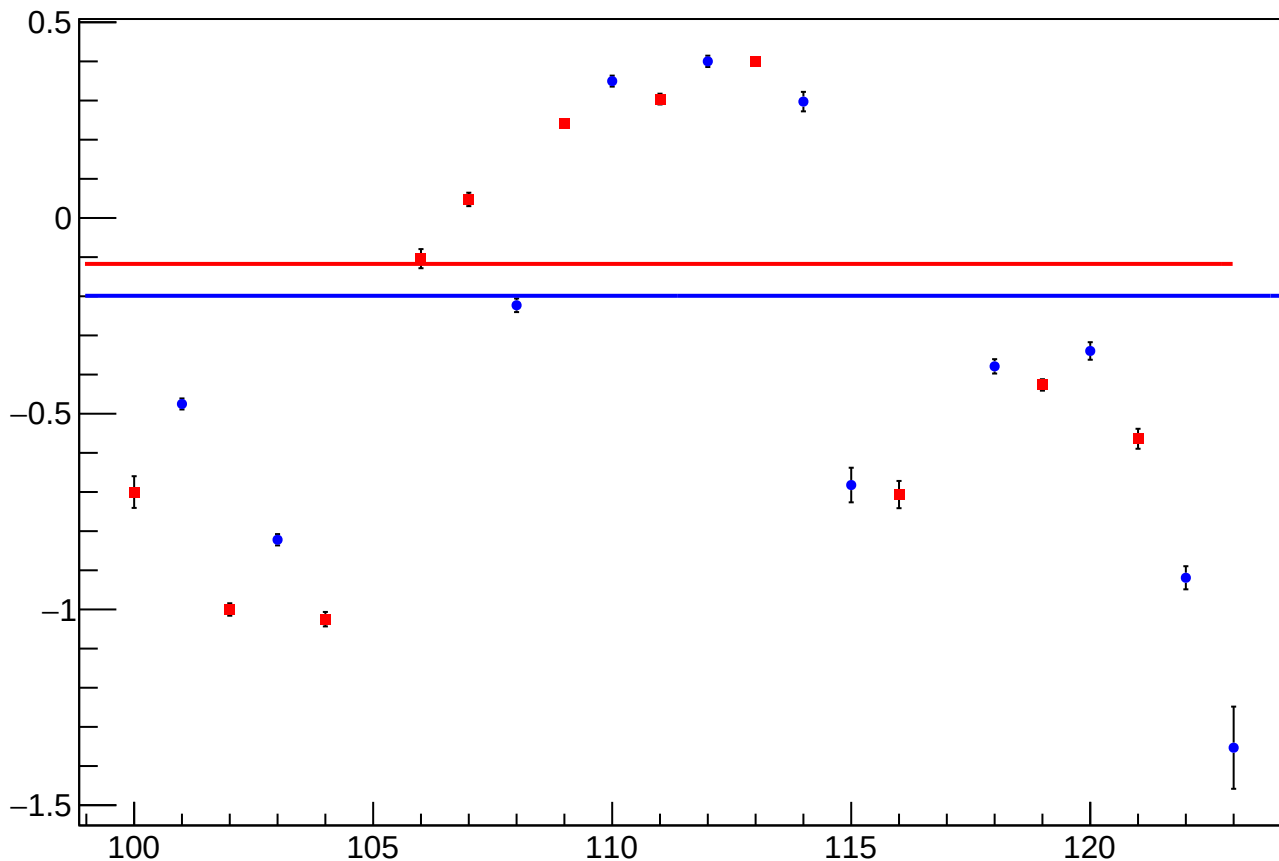
Right: -2.147 ± 0.060 χ^2/NDF : 1712.9/21

In: -2.303 ± 0.089 χ^2/NDF : 1049.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.147 ± 0.060 χ^2/NDF : 1712.9/21

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.199 ± 0.006 χ^2/NDF : 6849.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.117 ± 0.005 χ^2/NDF : 10578.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

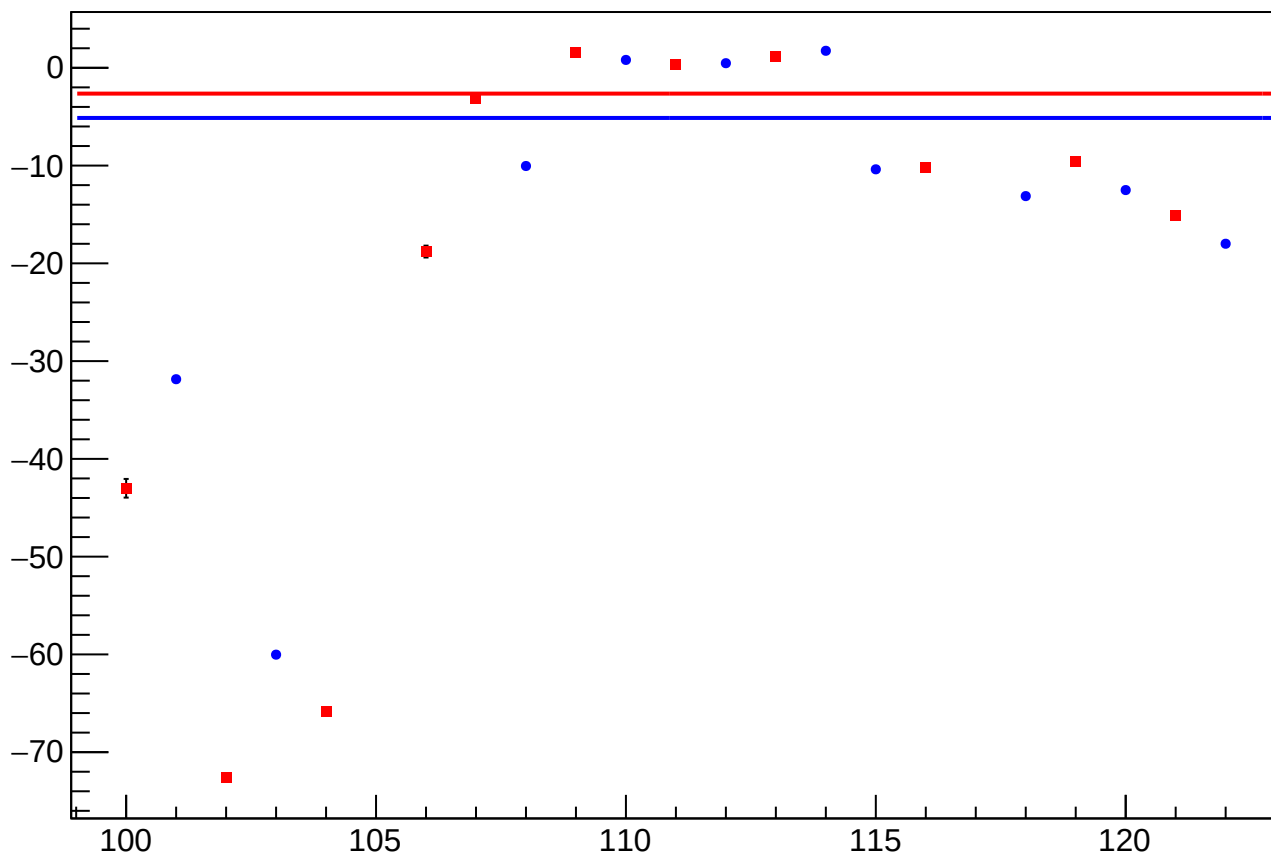
Right: -0.153 ± 0.004 χ^2/NDF : 17543.7/21

In: -0.199 ± 0.006 χ^2/NDF : 6849.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.153 ± 0.004 χ^2/NDF : 17543.7/21

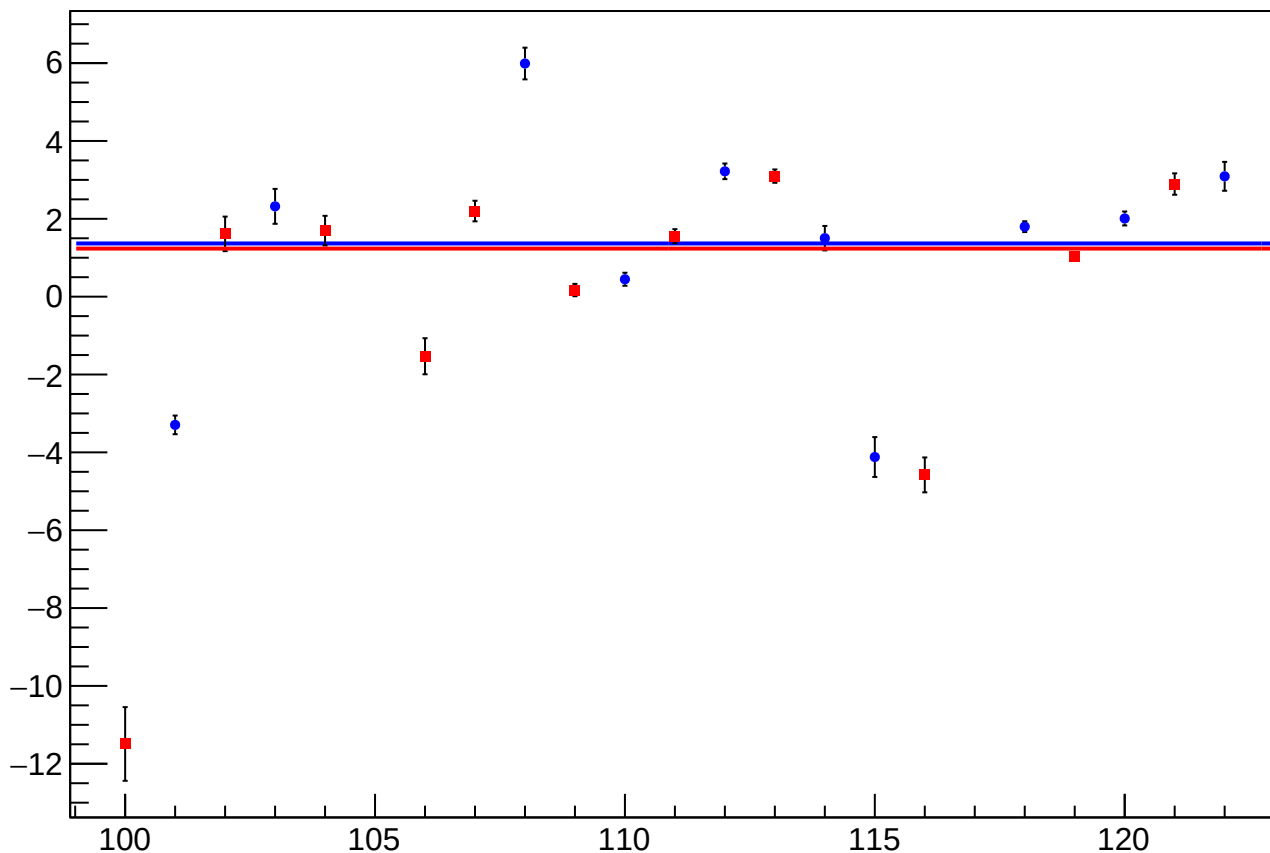
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.127+/-0.064 χ^2/NDF : 34352.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.638+/-0.051 χ^2/NDF : 52353.3/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.601+/-0.040 χ^2/NDF : 87626.9/20
 In: -5.127+/-0.064 χ^2/NDF :34352.0/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -3.601+/-0.040 χ^2/NDF : 87626.9/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.366+/-0.072 χ^2/NDF : 785.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.235+/-0.066 χ^2/NDF : 606.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

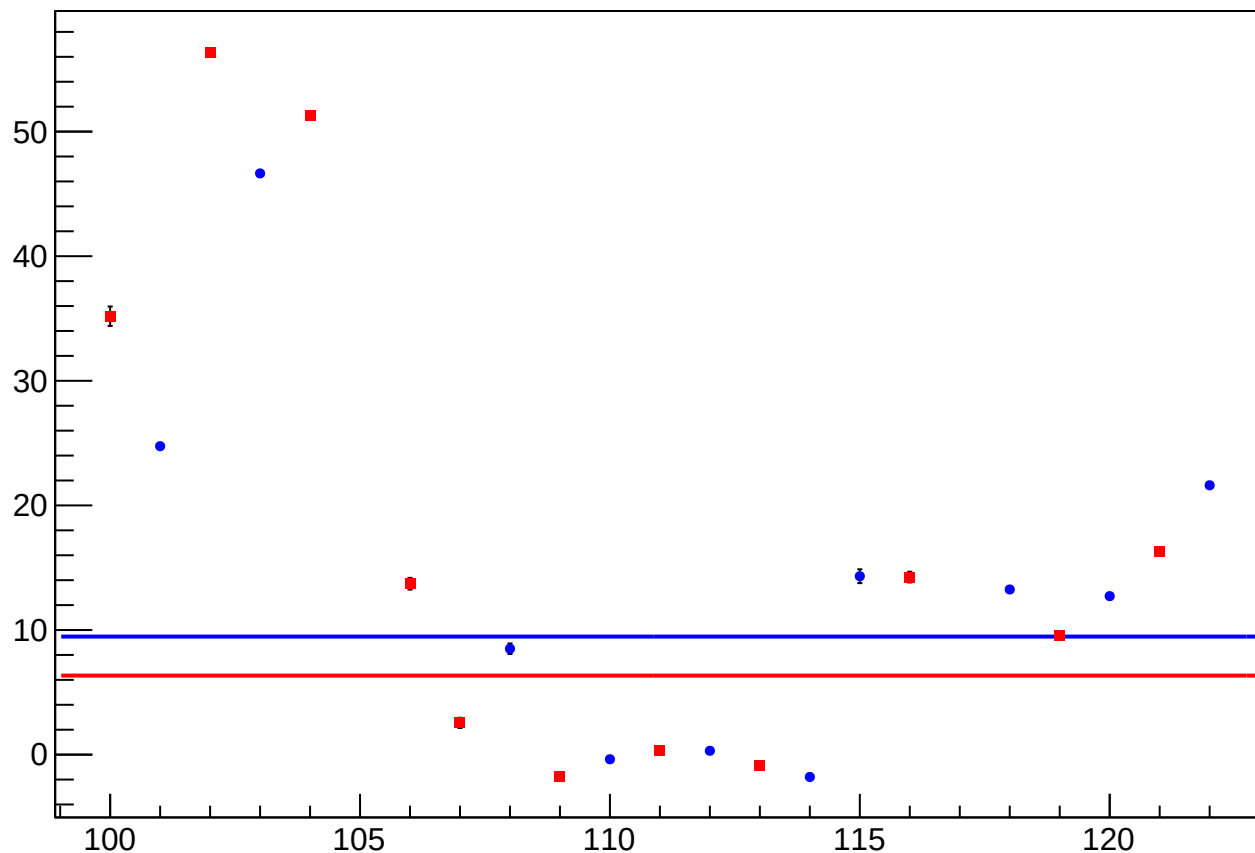
Right: 1.296+/-0.049 χ^2/NDF : 1393.5/20

In: 1.366+/-0.072 χ^2/NDF : 785.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.296+/-0.049 χ^2/NDF : 1393.5/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.475+/-0.080 χ^2/NDF : 25917.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.345+/-0.068 χ^2/NDF : 44967.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

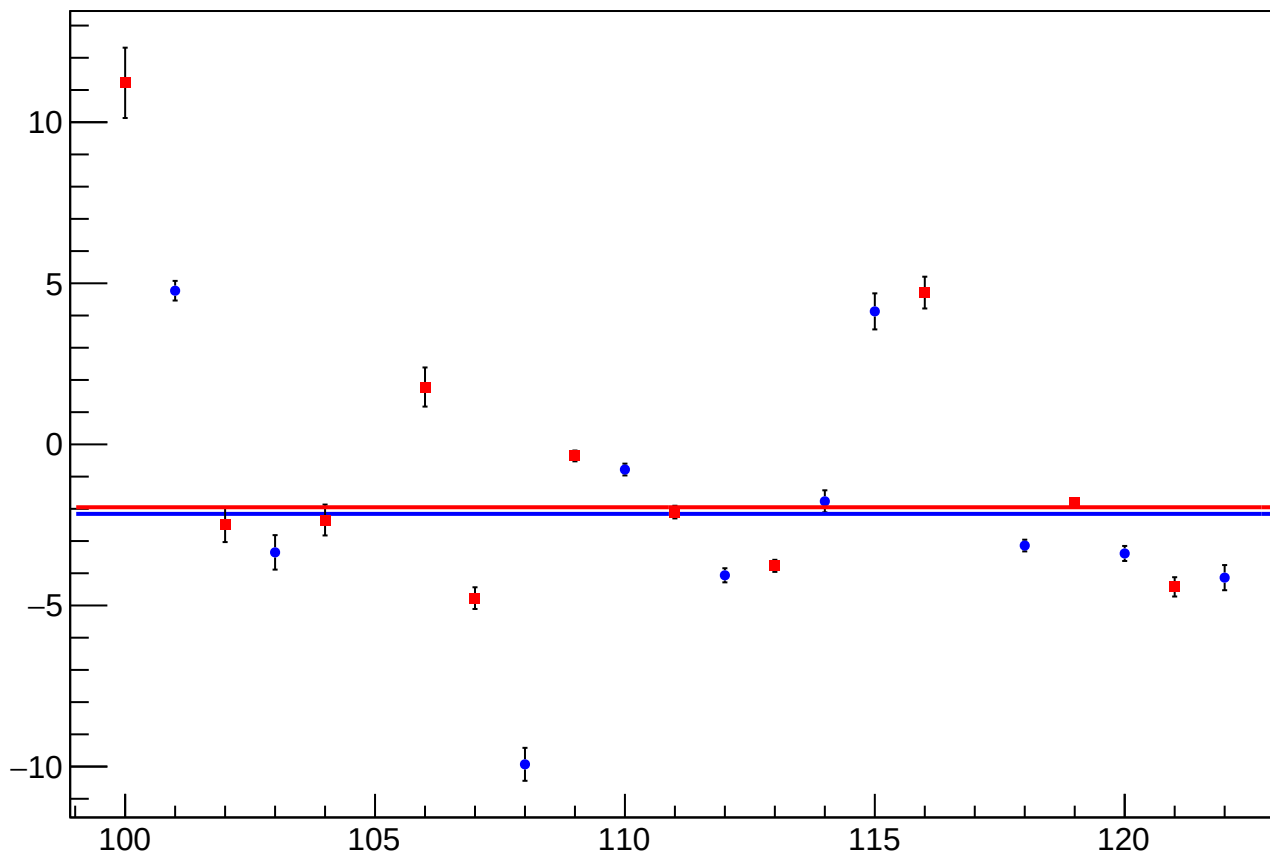
Right: 7.667+/-0.052 χ^2/NDF : 71778.5/20

In: 9.475+/-0.080 χ^2/NDF : 25917.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.667+/-0.052 χ^2/NDF : 71778.5/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.157+/-0.086 χ^2/NDF : 1094.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.951+/-0.077 χ^2/NDF : 691.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

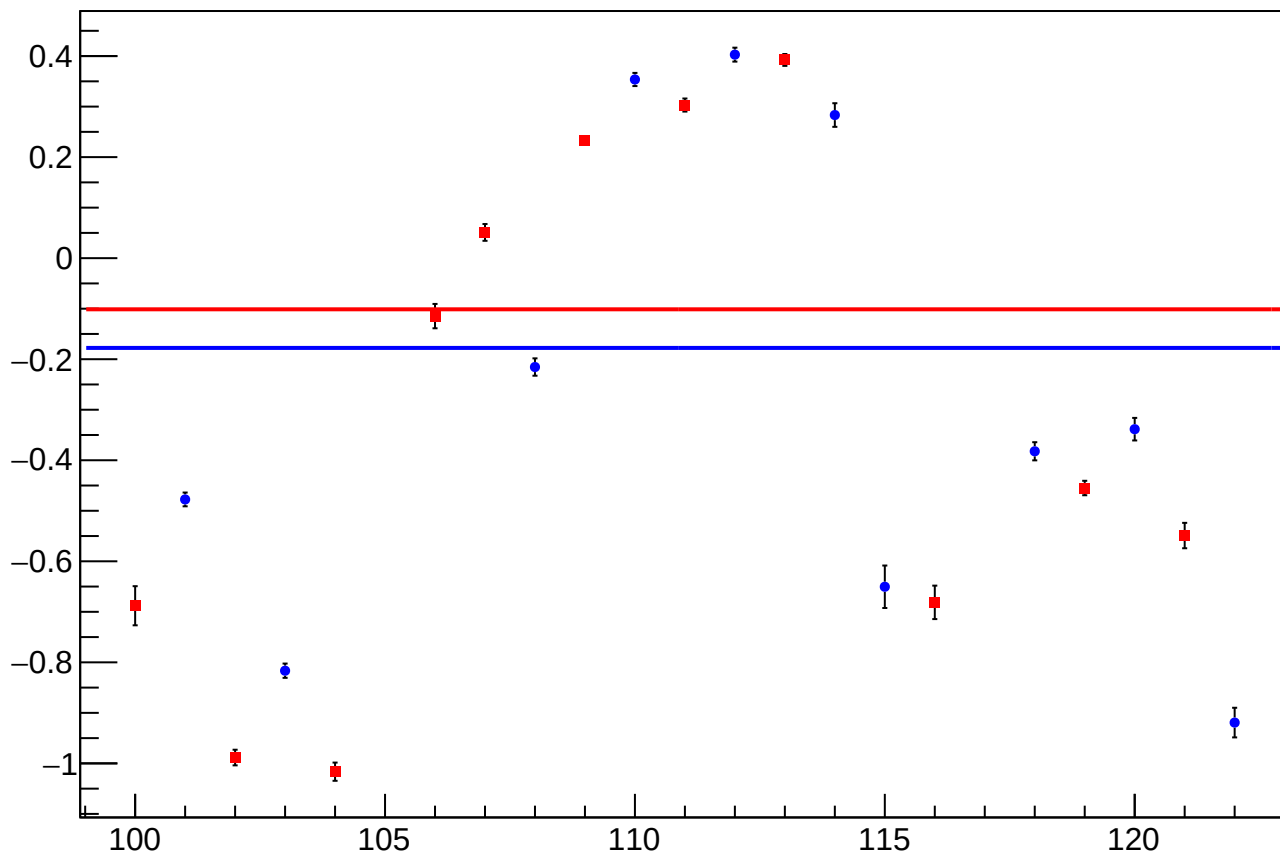
Right: -2.043+/-0.057 χ^2/NDF : 1789.3/20

In: -2.157+/-0.086 χ^2/NDF : 1094.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.043+/-0.057 χ^2/NDF : 1789.3/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7308.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.101 ± 0.005 χ^2/NDF : 11272.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

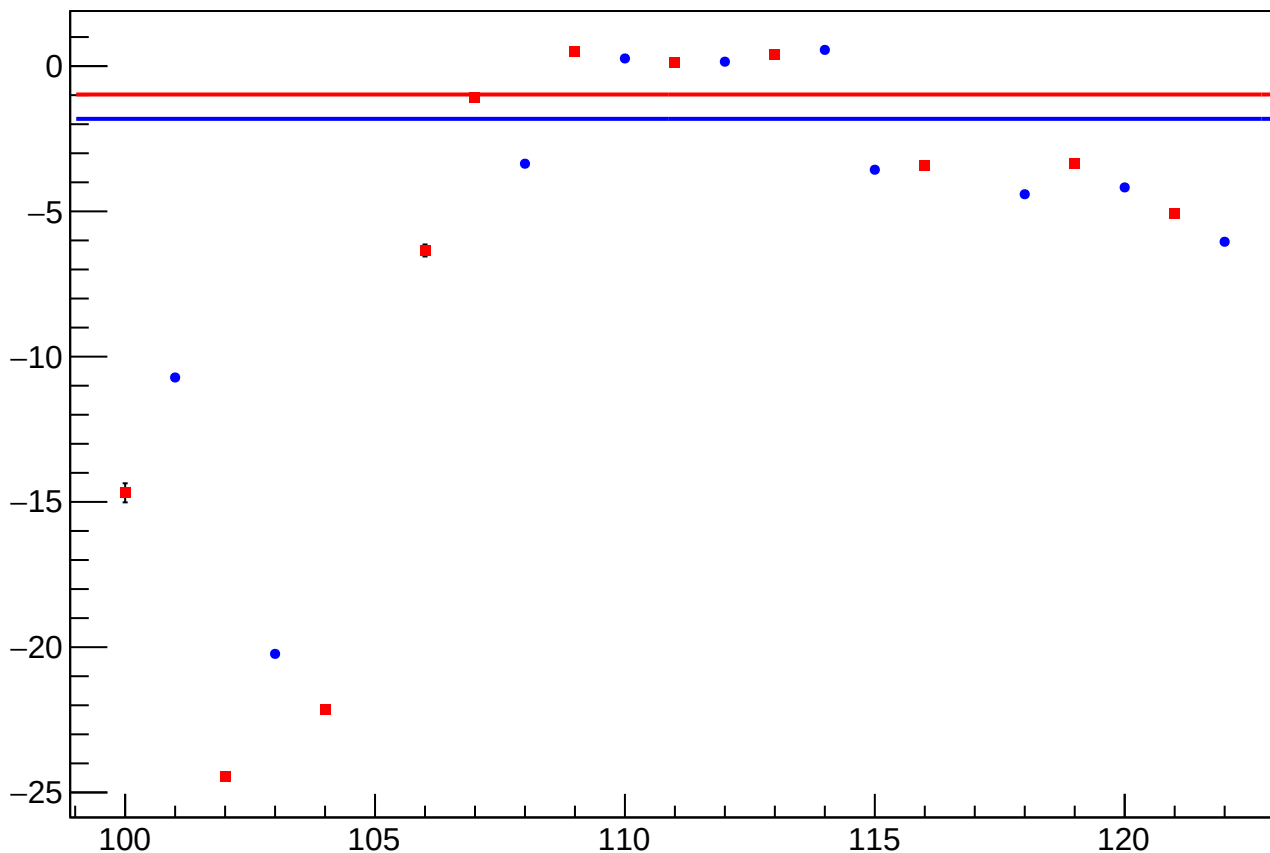
Right: -0.134 ± 0.004 χ^2/NDF : 18691.5/20

In: -0.178 ± 0.005 χ^2/NDF : 7308.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.134 ± 0.004 χ^2/NDF : 18691.5/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.816+/-0.022 χ^2/NDF : 33508.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.977+/-0.018 χ^2/NDF : 51438.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

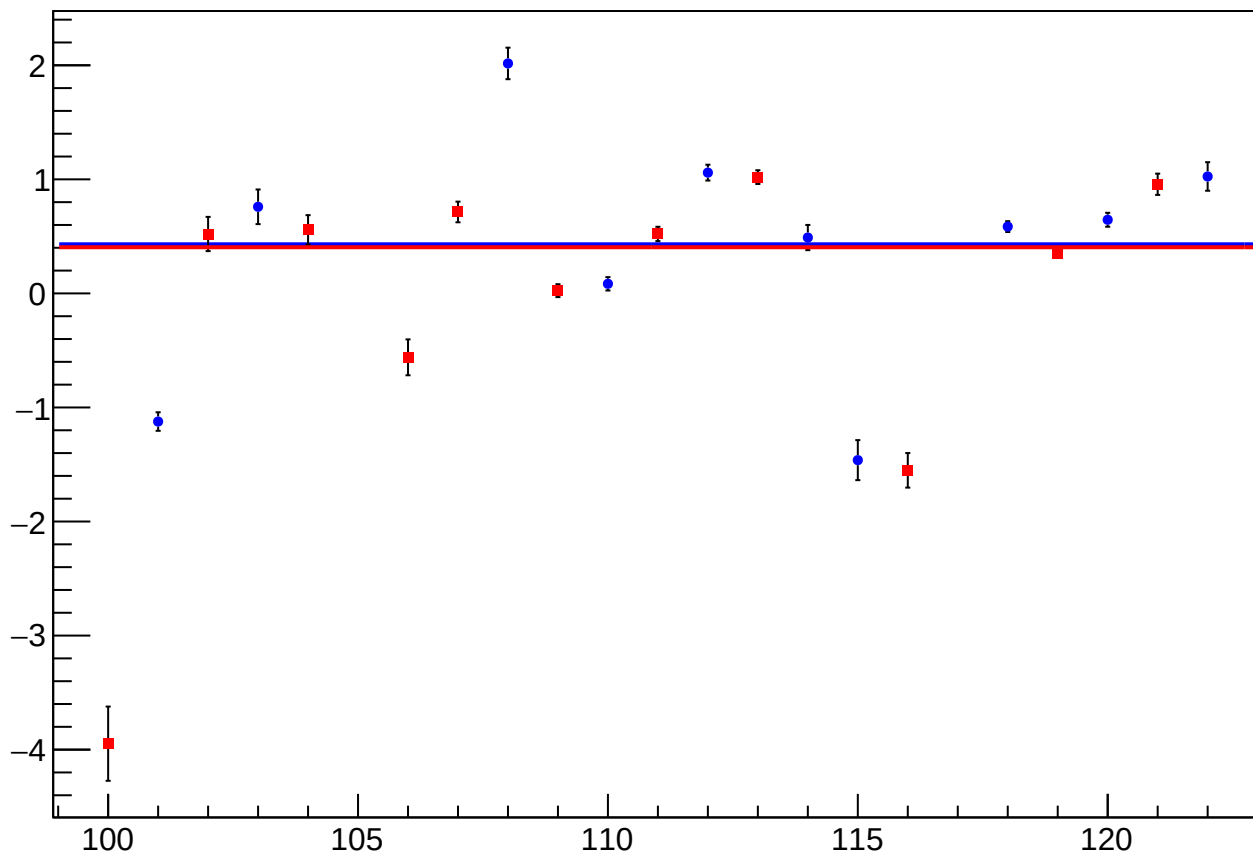
Right: -1.307+/-0.014 χ^2/NDF : 85808.8/20

In: -1.816+/-0.022 χ^2/NDF :33508.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.307+/-0.014 χ^2/NDF : 85808.8/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.431+/-0.025 χ^2/NDF : 780.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.405+/-0.023 χ^2/NDF : 586.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

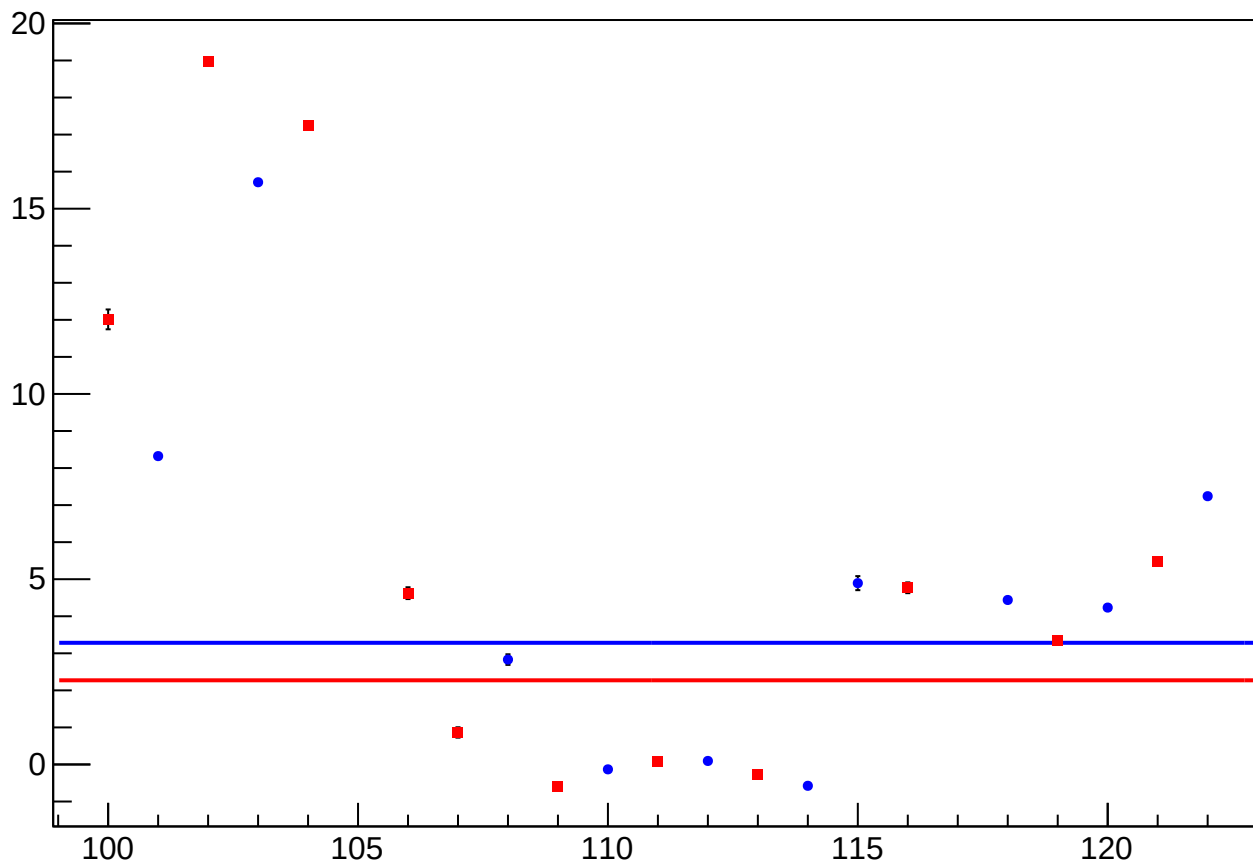
Right: 0.417+/-0.017 χ^2/NDF : 1367.8/20

In: 0.431+/-0.025 χ^2/NDF : 780.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.417+/-0.017 χ^2/NDF : 1367.8/20

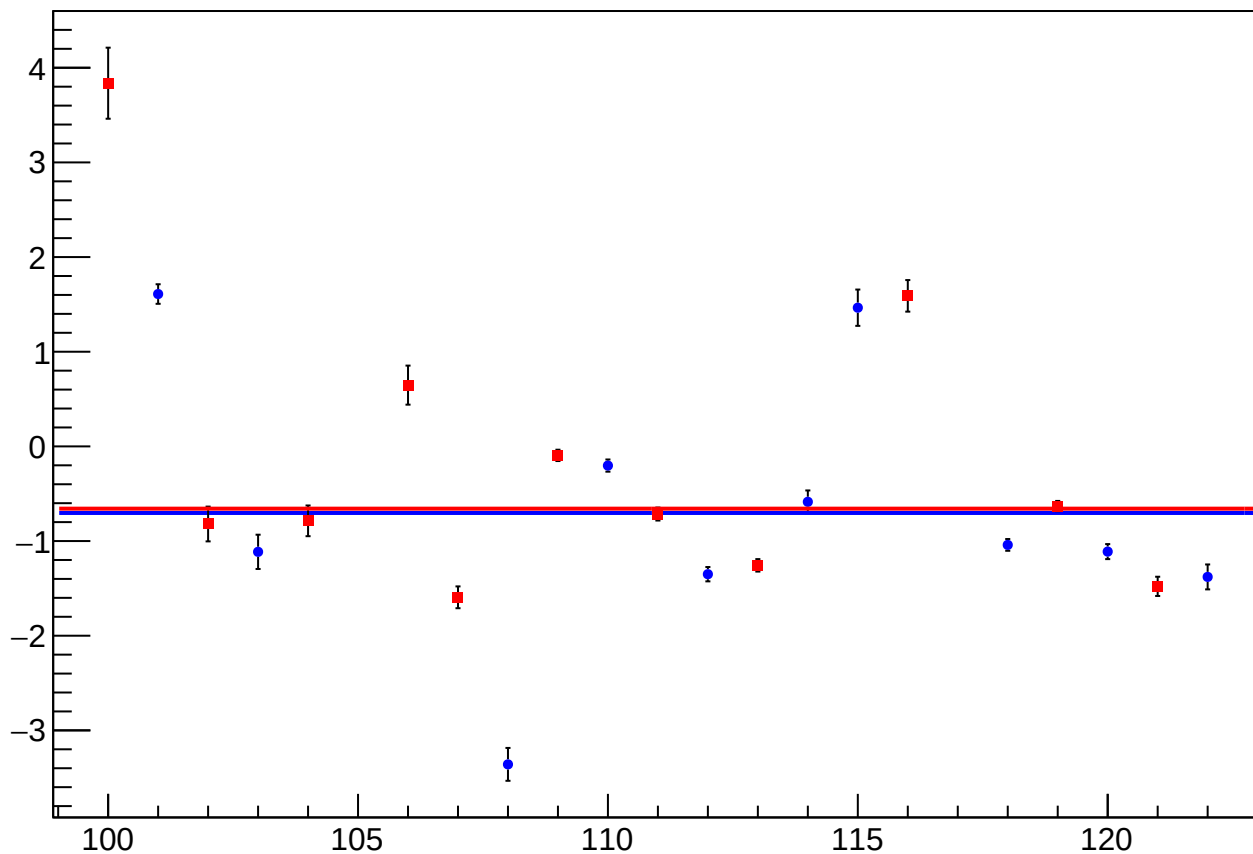
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.284+/-0.027 χ^2/NDF : 25119.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.271+/-0.024 χ^2/NDF : 43938.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.707+/-0.018 χ^2/NDF : 69834.3/20
 In: 3.284+/-0.027 χ^2/NDF : 25119.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.707+/-0.018 χ^2/NDF : 69834.3/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.703 ± 0.030 χ^2/NDF : 1084.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.658 ± 0.027 χ^2/NDF : 669.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

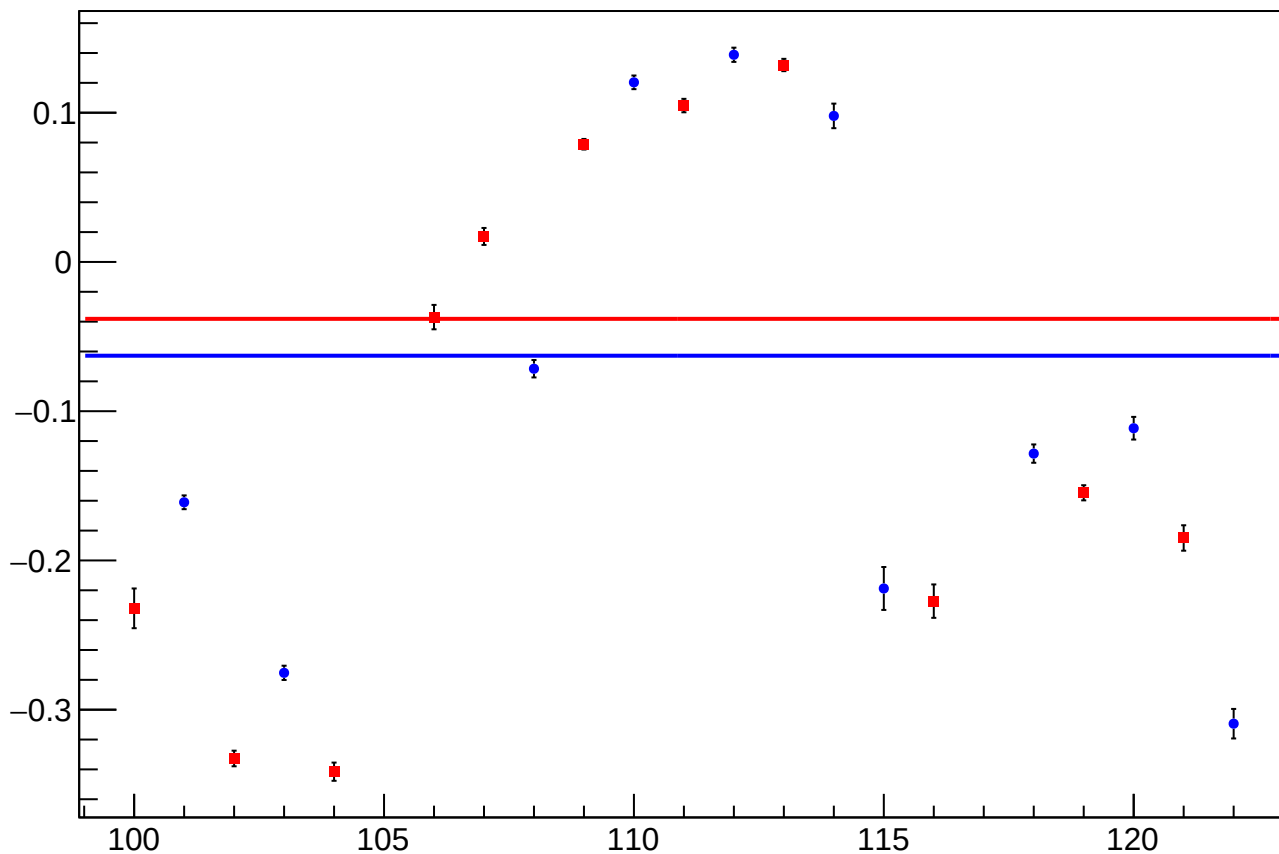
Right: -0.679 ± 0.020 χ^2/NDF : 1756.0/20

In: -0.703 ± 0.030 χ^2/NDF : 1084.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.679 ± 0.020 χ^2/NDF : 1756.0/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.063 ± 0.002 χ^2/NDF : 7099.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.002 χ^2/NDF : 10854.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

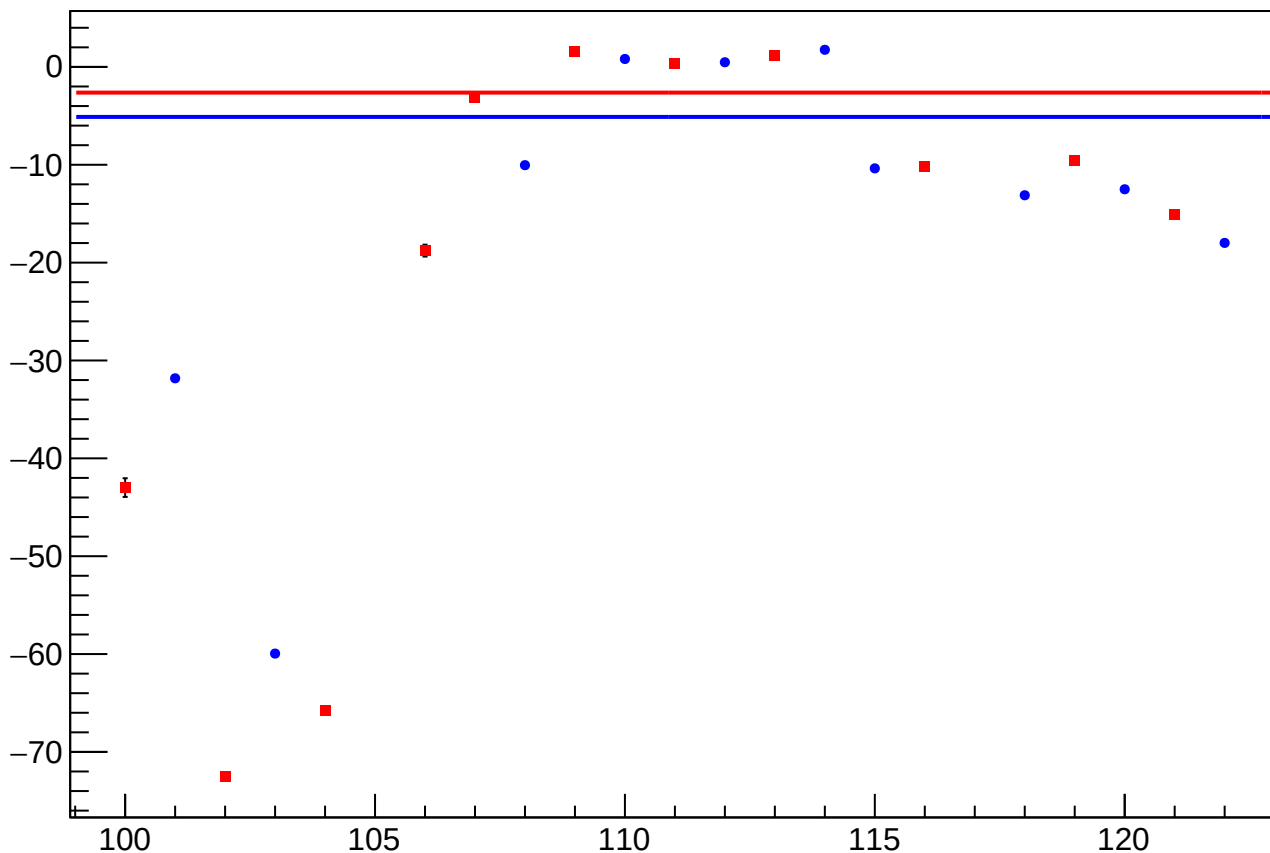
Right: -0.049 ± 0.001 χ^2/NDF : 18051.3/20

In: -0.063 ± 0.002 χ^2/NDF : 7099.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.049 ± 0.001 χ^2/NDF : 18051.3/20

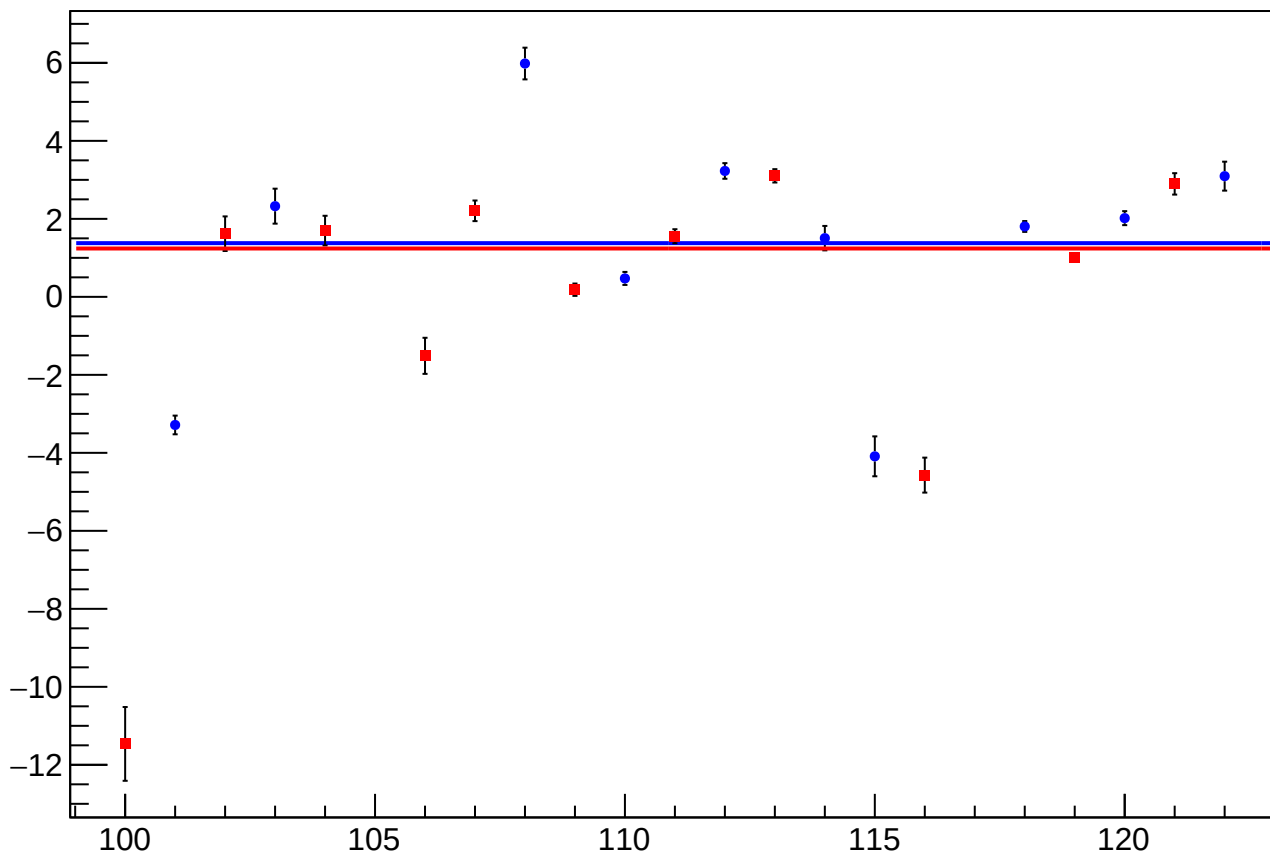
reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.110+/-0.064 χ^2/NDF : 34371.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.625+/-0.051 χ^2/NDF : 52371.4/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.586+/-0.040 χ^2/NDF : 87665.0/20
 In: -5.110+/-0.064 χ^2/NDF :34371.9/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -3.586+/-0.040 χ^2/NDF : 87665.0/20

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.377+/-0.072 χ^2/NDF : 784.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.240+/-0.066 χ^2/NDF : 605.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

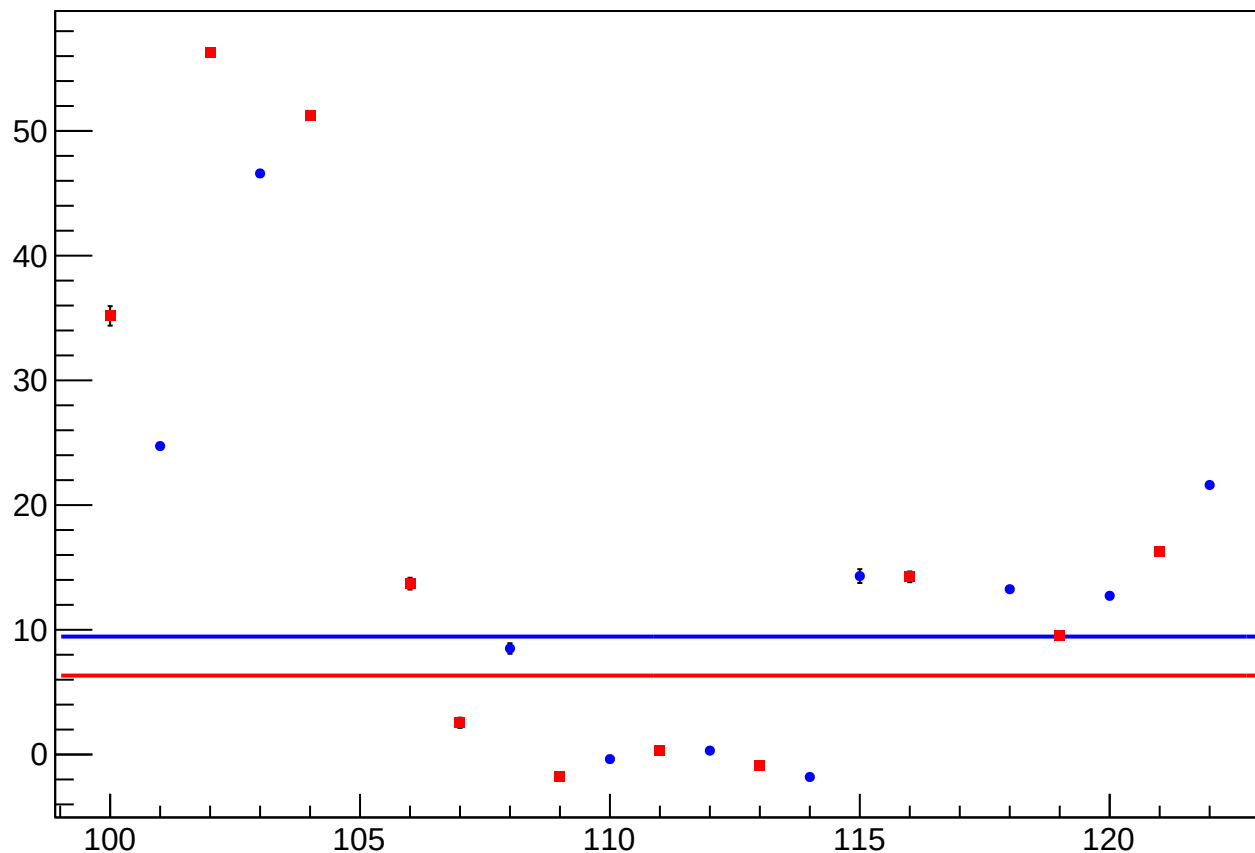
Right: 1.303+/-0.049 χ^2/NDF : 1391.6/20

In: 1.377+/-0.072 χ^2/NDF : 784.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.303+/-0.049 χ^2/NDF : 1391.6/20

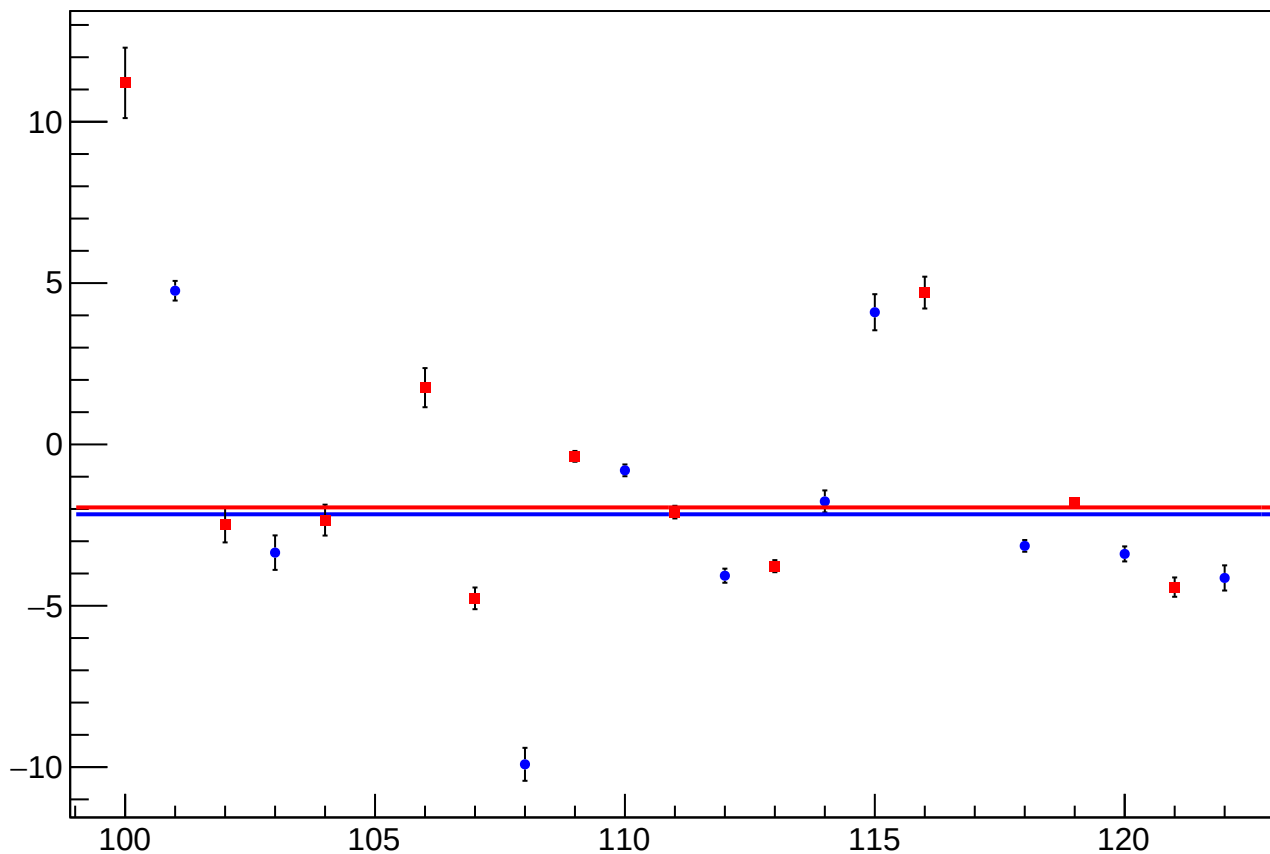
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.457+/-0.079 χ^2/NDF : 25937.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.330+/-0.068 χ^2/NDF : 44986.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.651+/-0.052 χ^2/NDF : 71819.4/20
 In: 9.457+/-0.079 χ^2/NDF : 25937.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.651+/-0.052 χ^2/NDF : 71819.4/20

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.165+/-0.086 χ^2/NDF : 1092.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.952+/-0.077 χ^2/NDF : 690.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

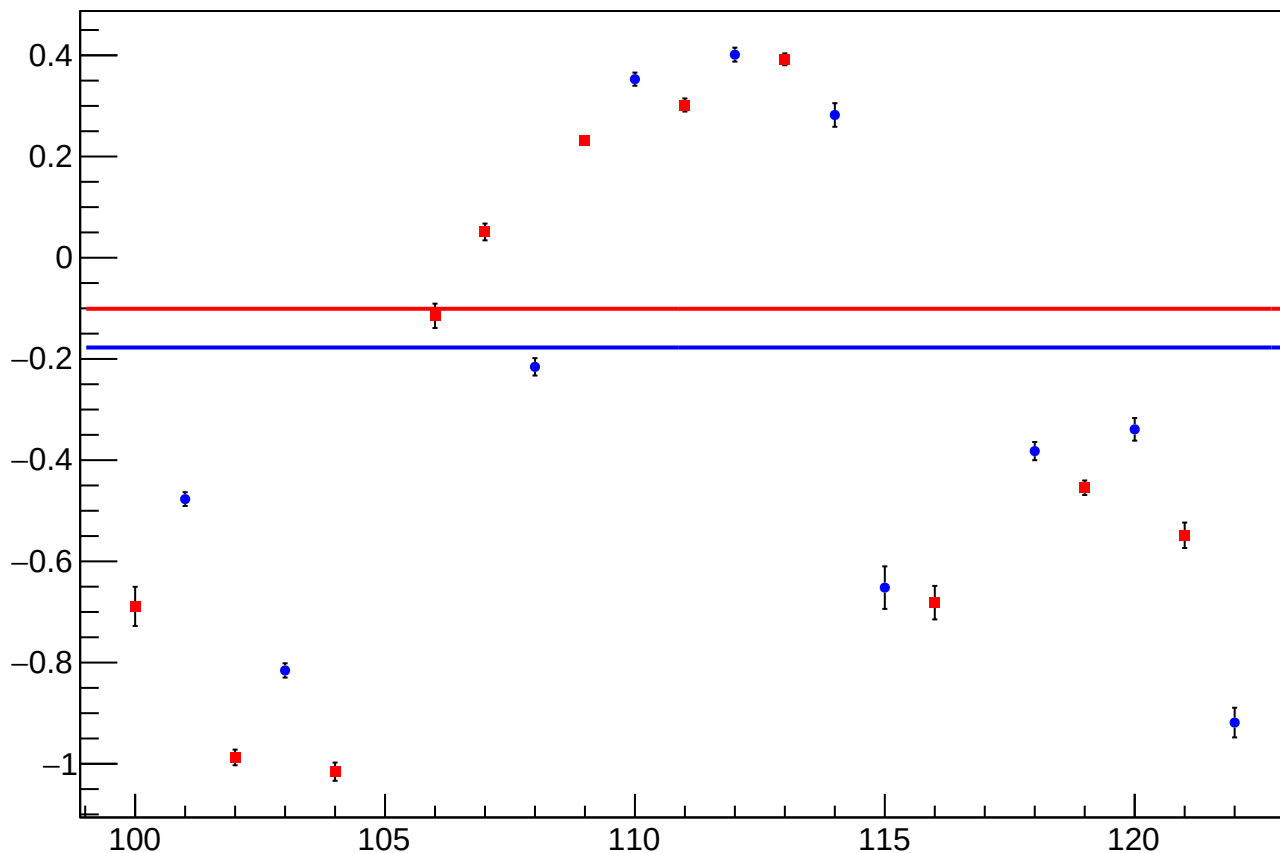
Right: -2.047+/-0.057 χ^2/NDF : 1786.8/20

In: -2.165+/-0.086 χ^2/NDF : 1092.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.047+/-0.057 χ^2/NDF : 1786.8/20

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.177 ± 0.005 $\chi^2/\text{NDF}: 7304.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.101 ± 0.005 $\chi^2/\text{NDF}: 11277.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

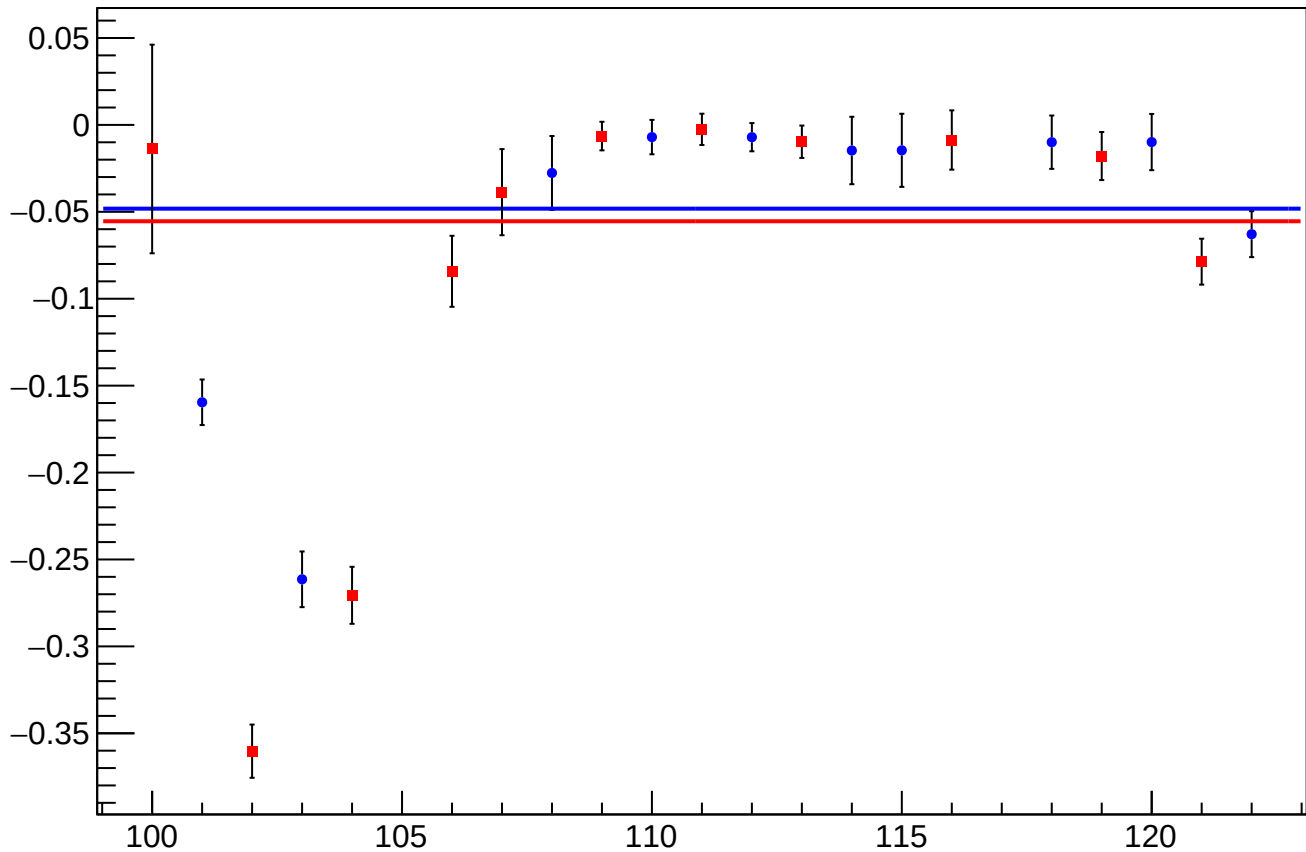
Right: -0.134 ± 0.004 $\chi^2/\text{NDF}: 18693.7/20$

In: -0.177 ± 0.005 $\chi^2/\text{NDF}: 7304.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.134 ± 0.004 $\chi^2/\text{NDF}: 18693.7/20$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.048+/-0.004 χ^2/NDF : 312.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.055+/-0.004 χ^2/NDF : 683.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

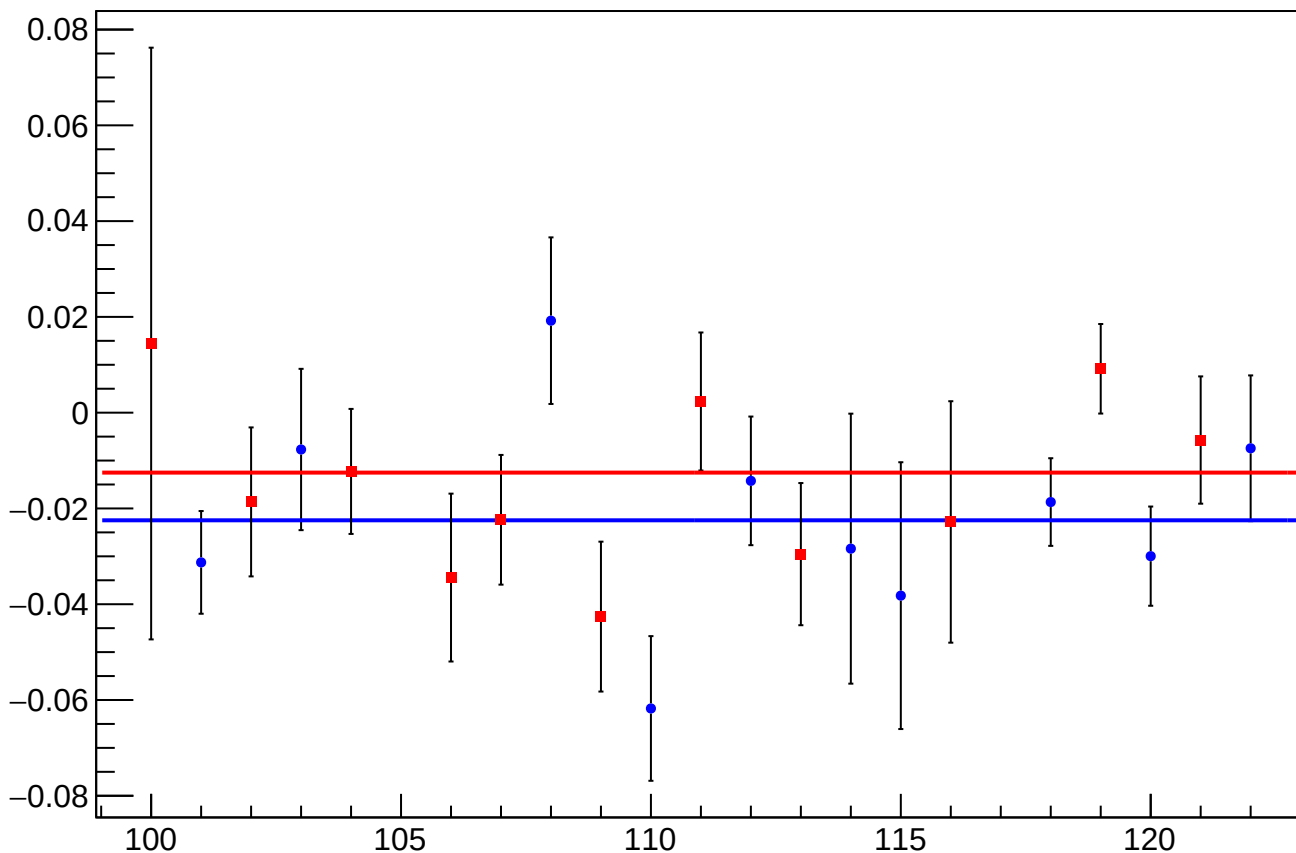
Right: -0.052+/-0.003 χ^2/NDF : 997.2/20

In: -0.048+/-0.004 χ^2/NDF :312.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.003 χ^2/NDF : 997.2/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.004 χ^2/NDF : 16.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.004 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

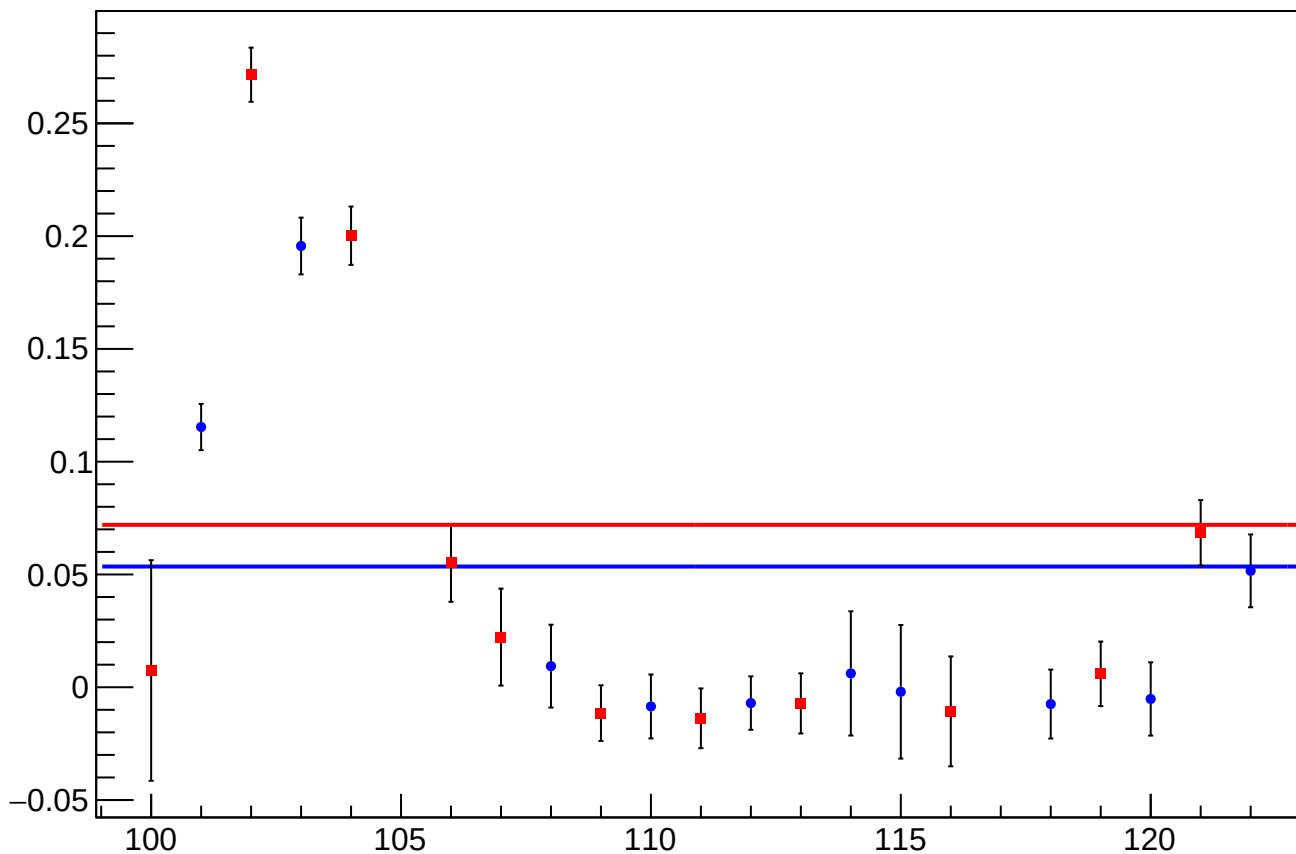
Right: -0.018 ± 0.003 χ^2/NDF : 33.3/20

In: -0.022 ± 0.004 χ^2/NDF : 16.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.003 χ^2/NDF : 33.3/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.054+/-0.005 χ^2/NDF : 250.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.005 χ^2/NDF : 538.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

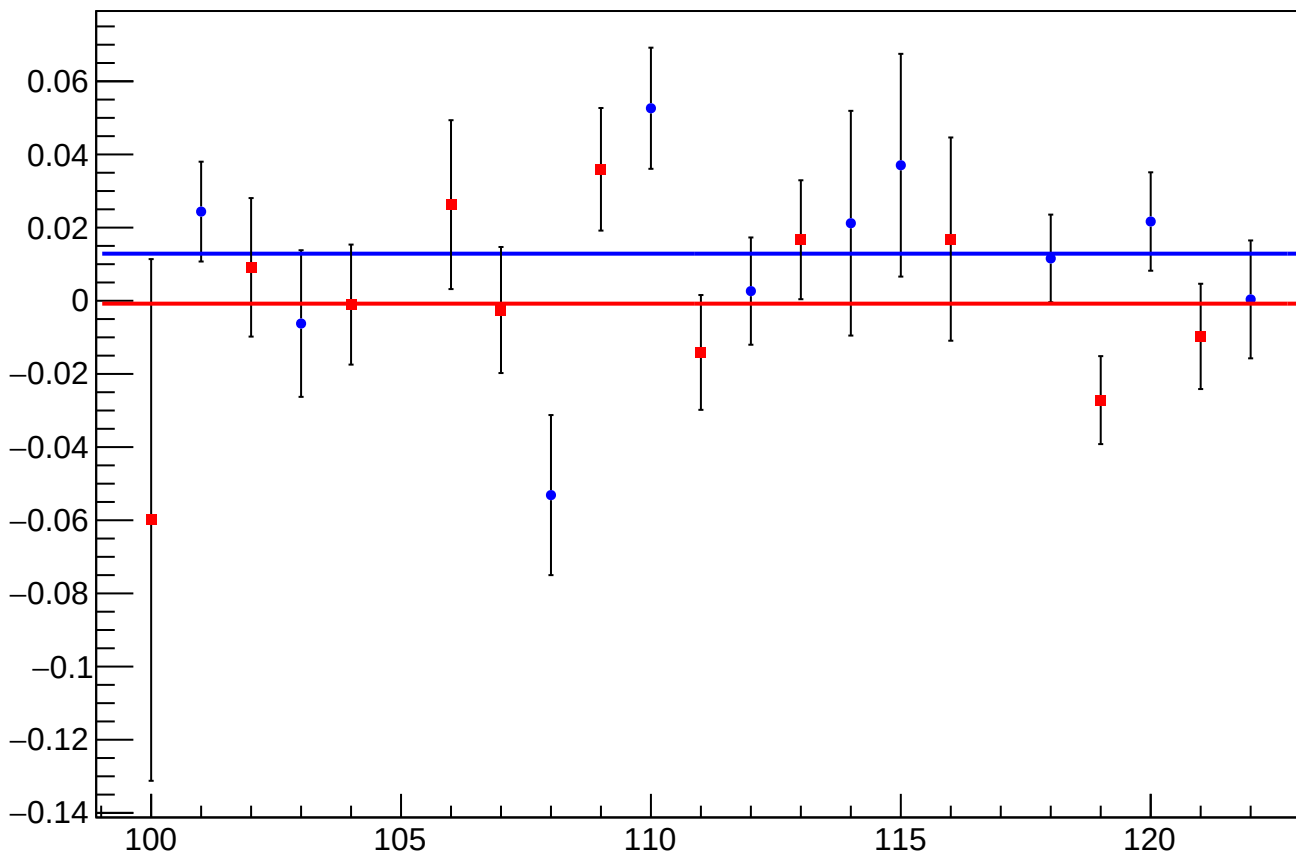
Right: 0.063+/-0.003 χ^2/NDF : 797.4/20

In: 0.054+/-0.005 χ^2/NDF : 250.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.063+/-0.003 χ^2/NDF : 797.4/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.005 χ^2/NDF : 18.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.005 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

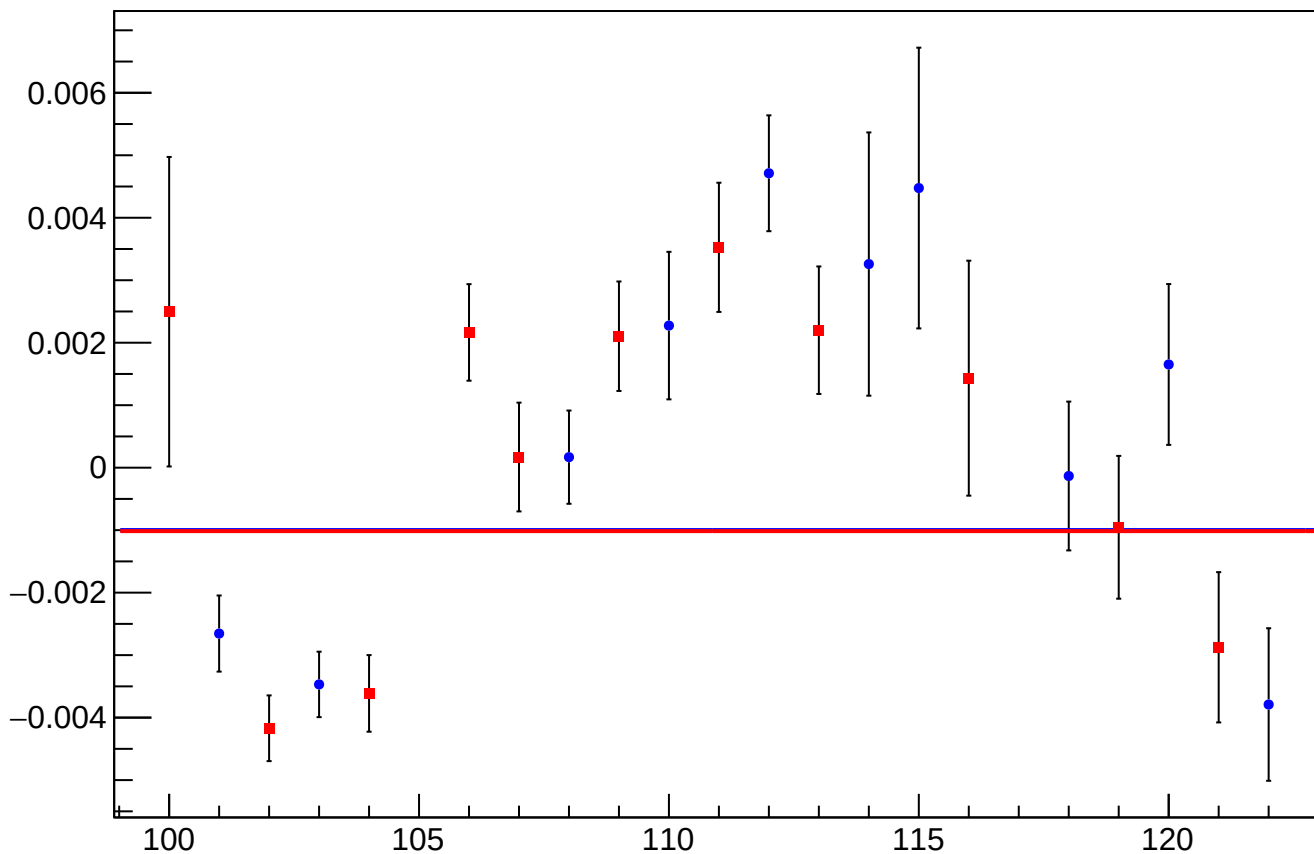
Right: 0.006+/-0.004 χ^2/NDF : 36.8/20

In: 0.013+/-0.005 χ^2/NDF : 18.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.004 χ^2/NDF : 36.8/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 97.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 120.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

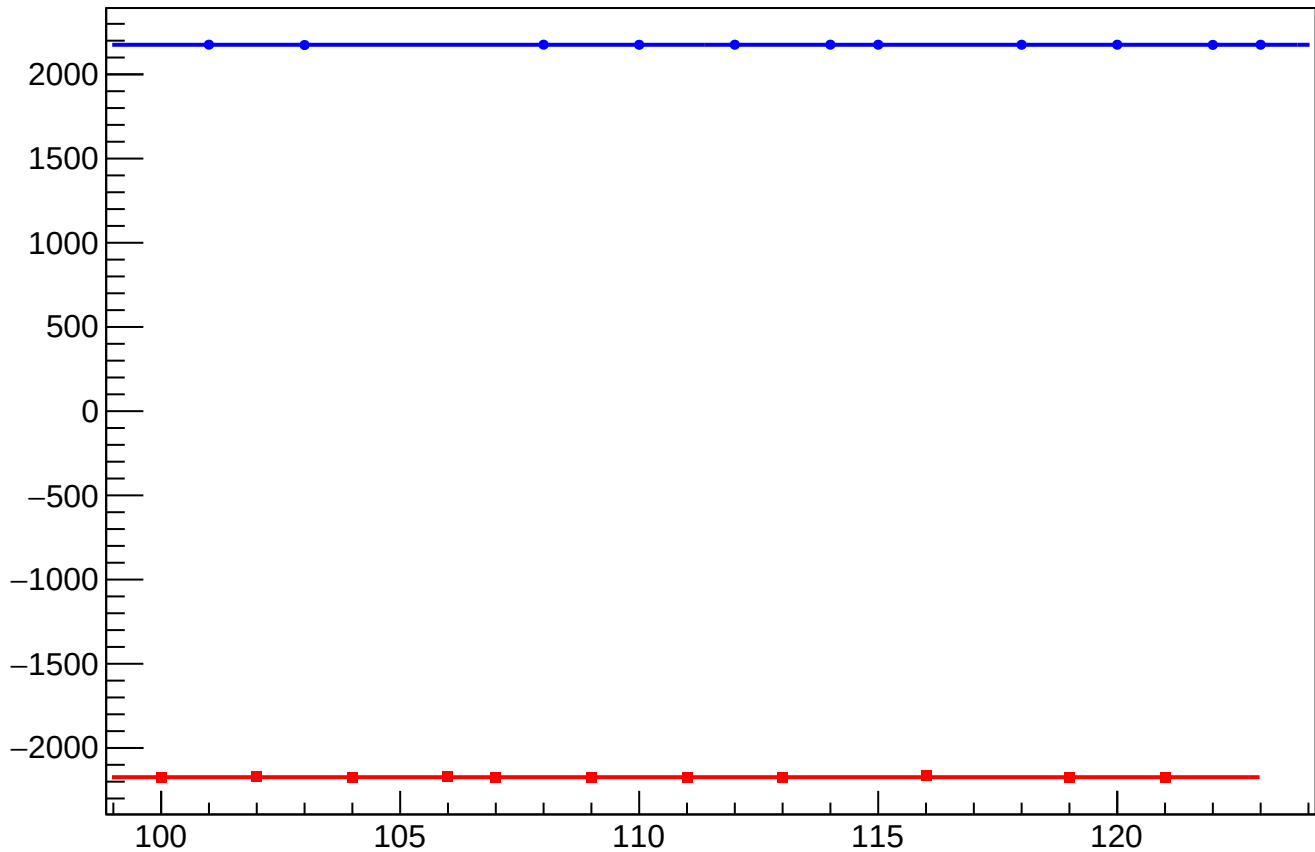
Right: -0.001+/-0.000 χ^2/NDF : 218.5/20

In: -0.001+/-0.000 χ^2/NDF :97.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

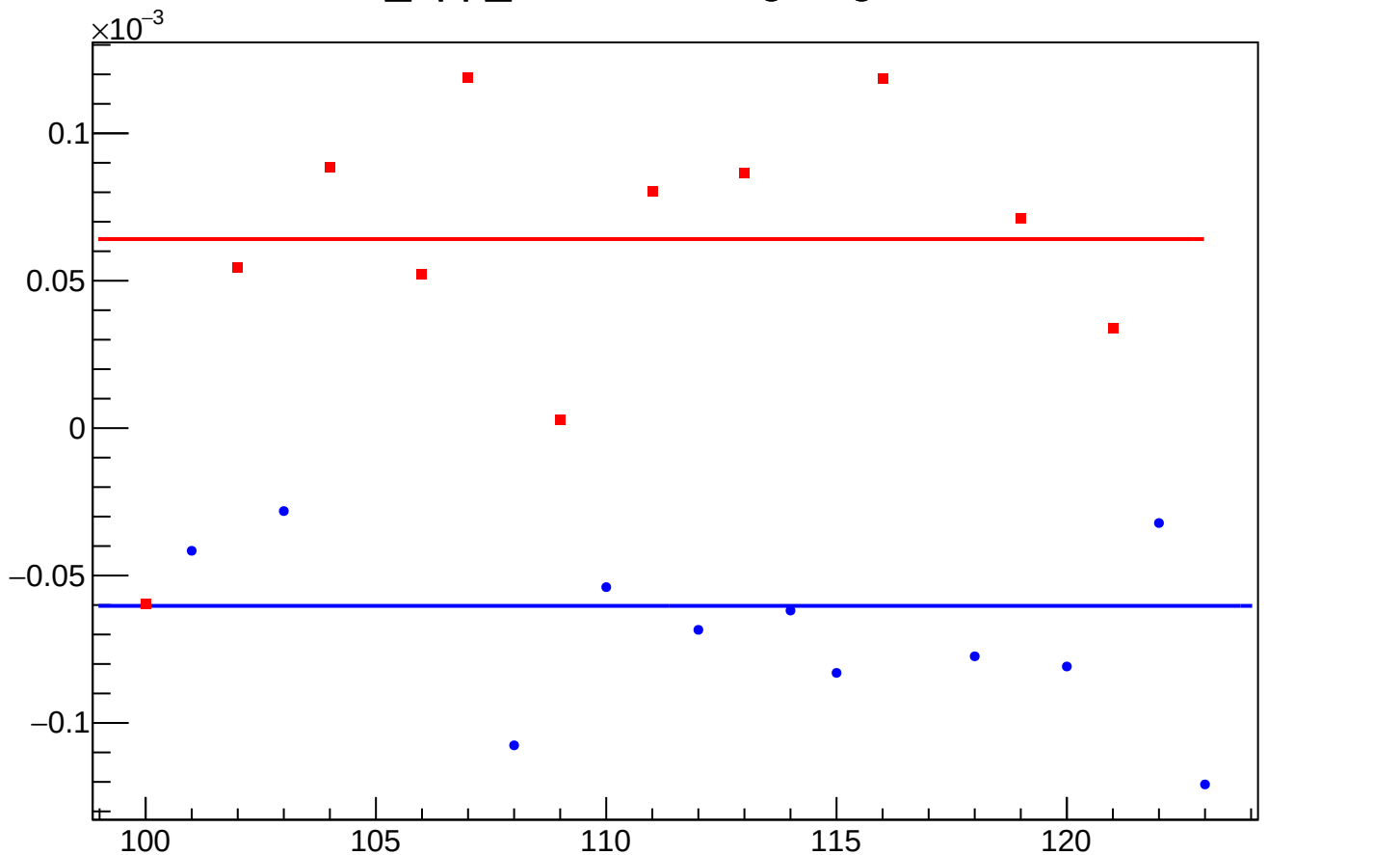
All: -0.001+/-0.000 χ^2/NDF : 218.5/20

HALLA_p_mean vs Slug, Sign Corrected



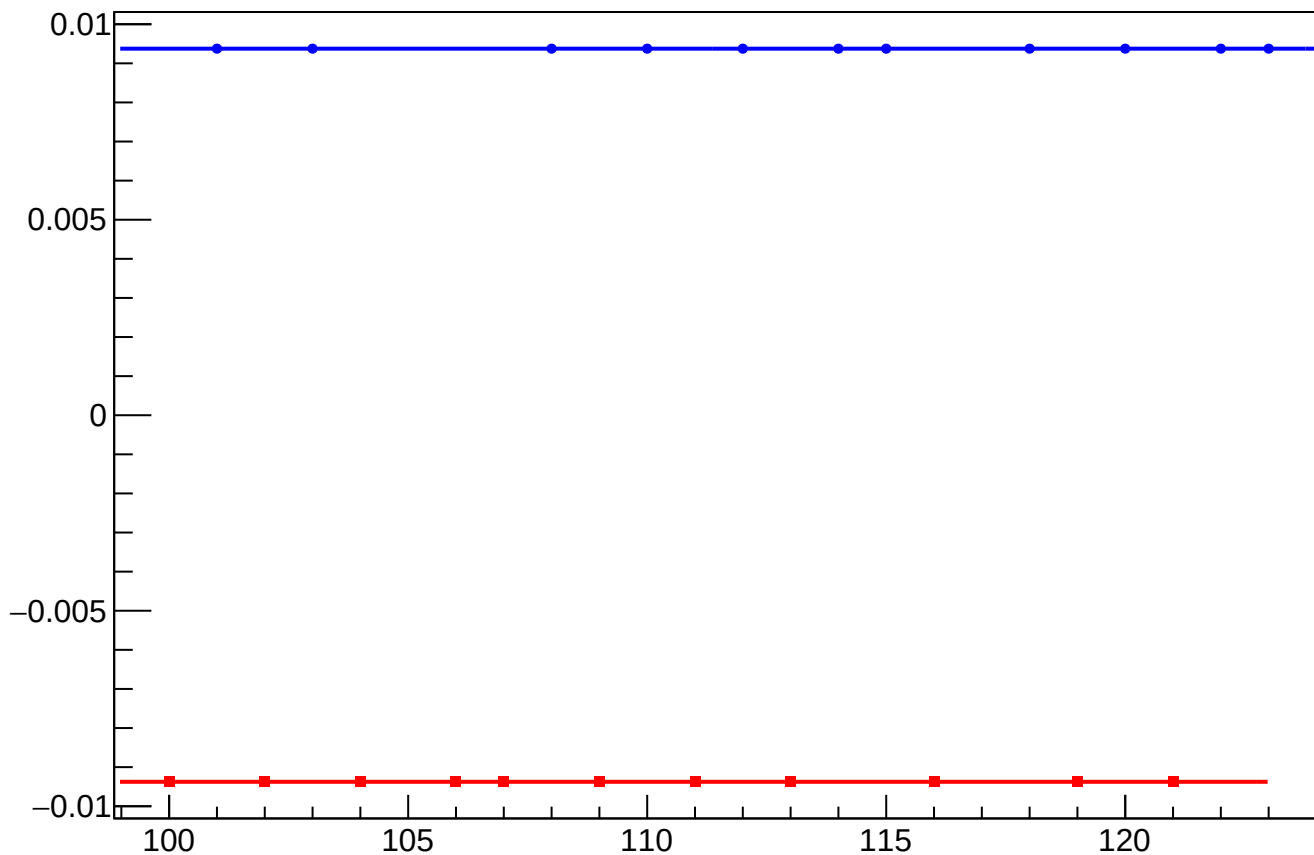
Right In: 2175.682 $\pm$ 0.000 χ^2/NDF : 239339671382985261393826088484864.0/10
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -2173.502 $\pm$ 0.000 χ^2/NDF : 4188998842510133906012173645119488.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -126.262 $\pm$ 0.000 χ^2/NDF : 42649353088174

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 272816389953902499332096.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 581022967114364081930240.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 43437310237951779

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/10

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

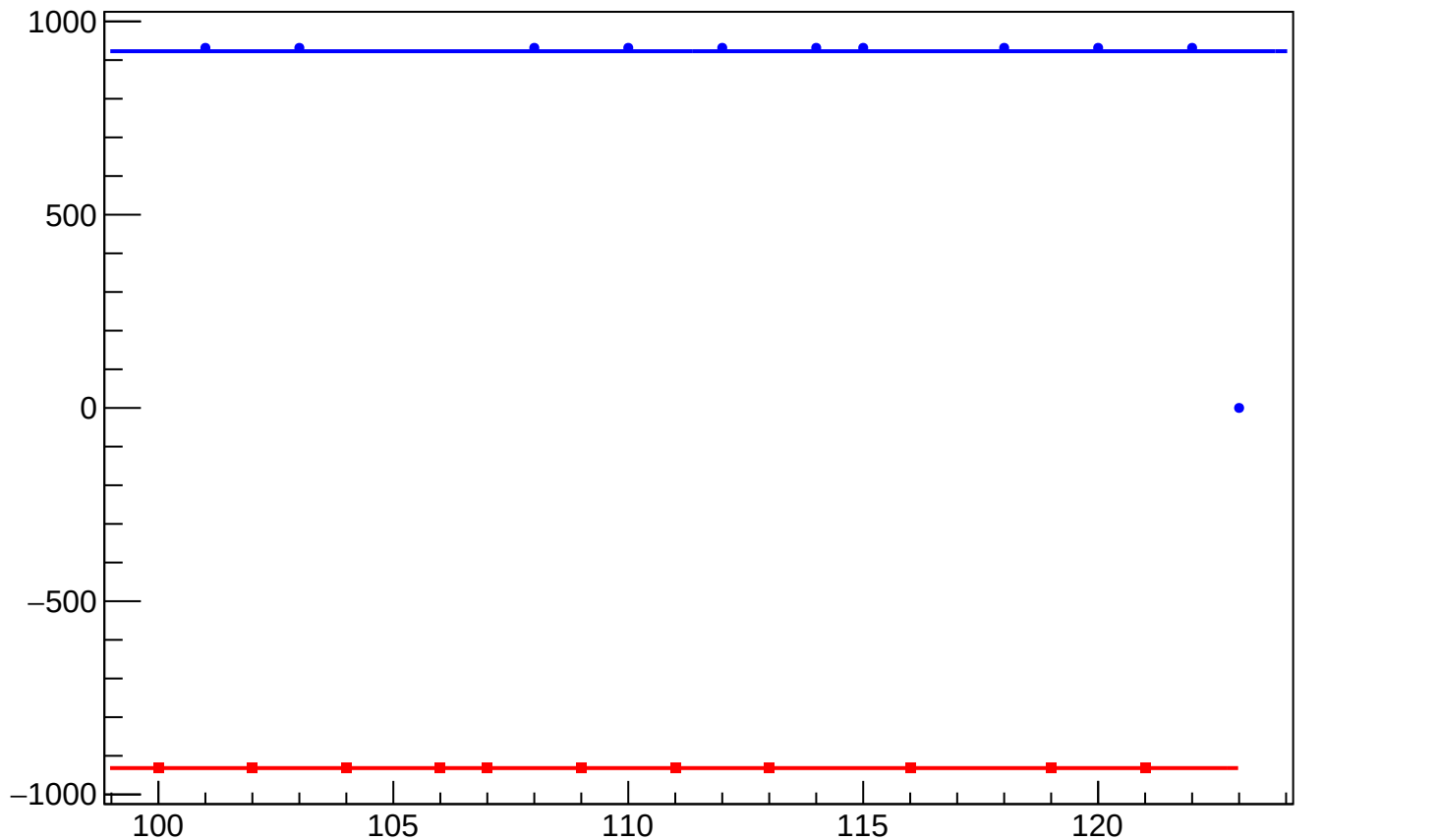
Right: -0.001+/-0.000 χ^2/NDF : 7926821477900548

In: 0.009+/-0.000 χ^2/NDF : 0.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

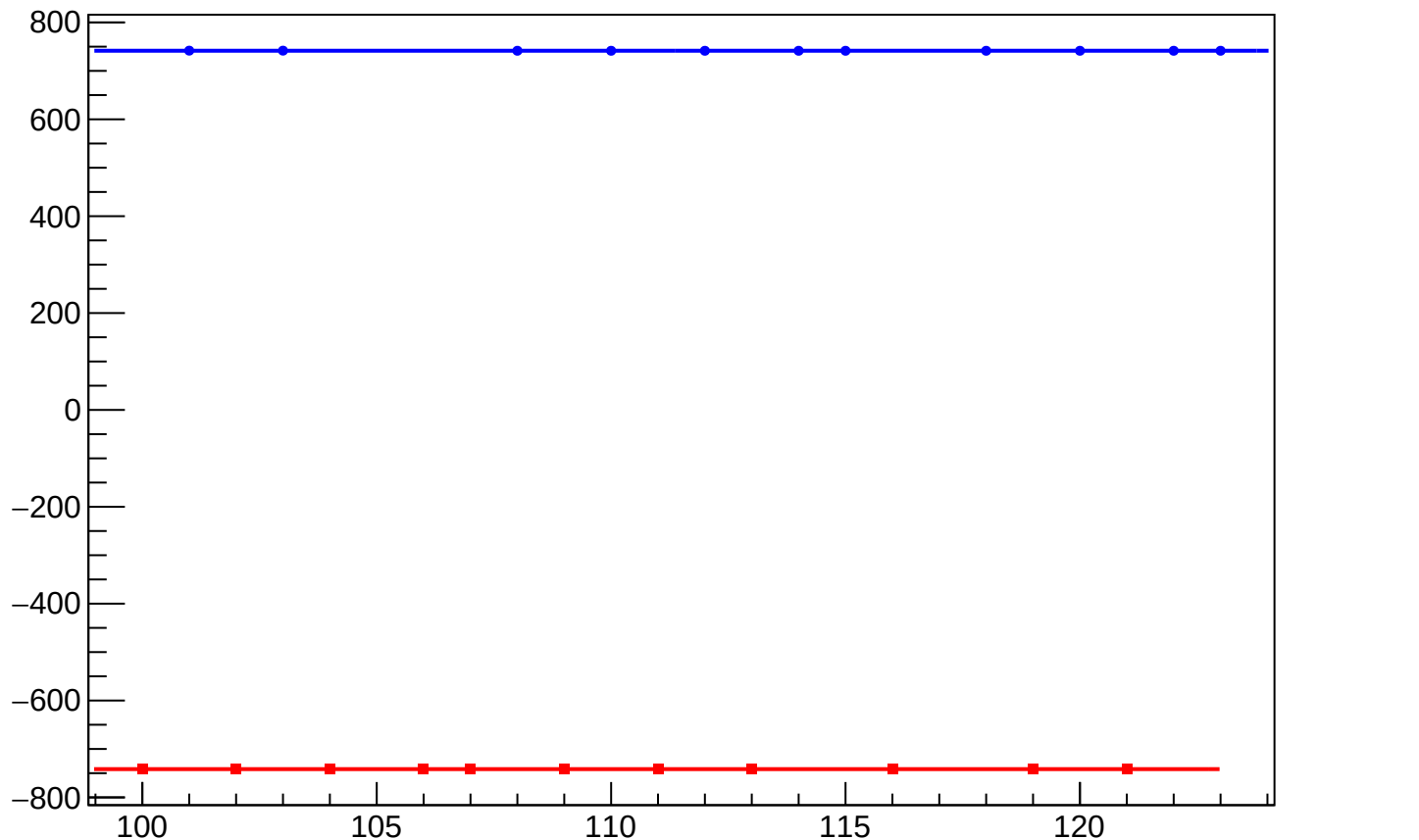
All: -0.001+/-0.000 χ^2/NDF : 7926821477900

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



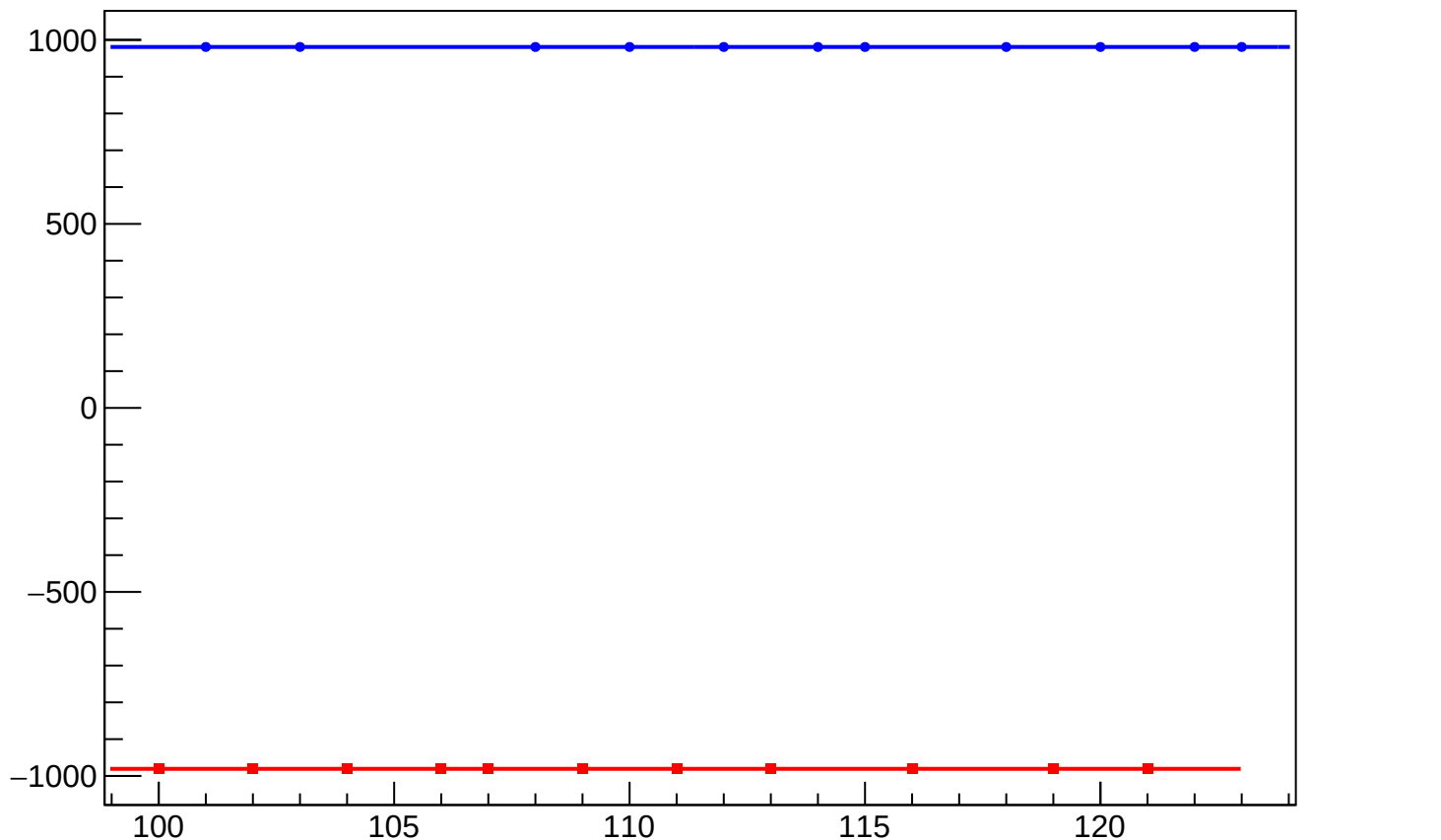
Right In: 922.973+/-0.000 χ^2/NDF : 3439586708316428609736519399000506368.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.725+/-0.000 χ^2/NDF : 370355342658721906722108080128.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -58.685+/-0.000 χ^2/NDF : 779048978591615.

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



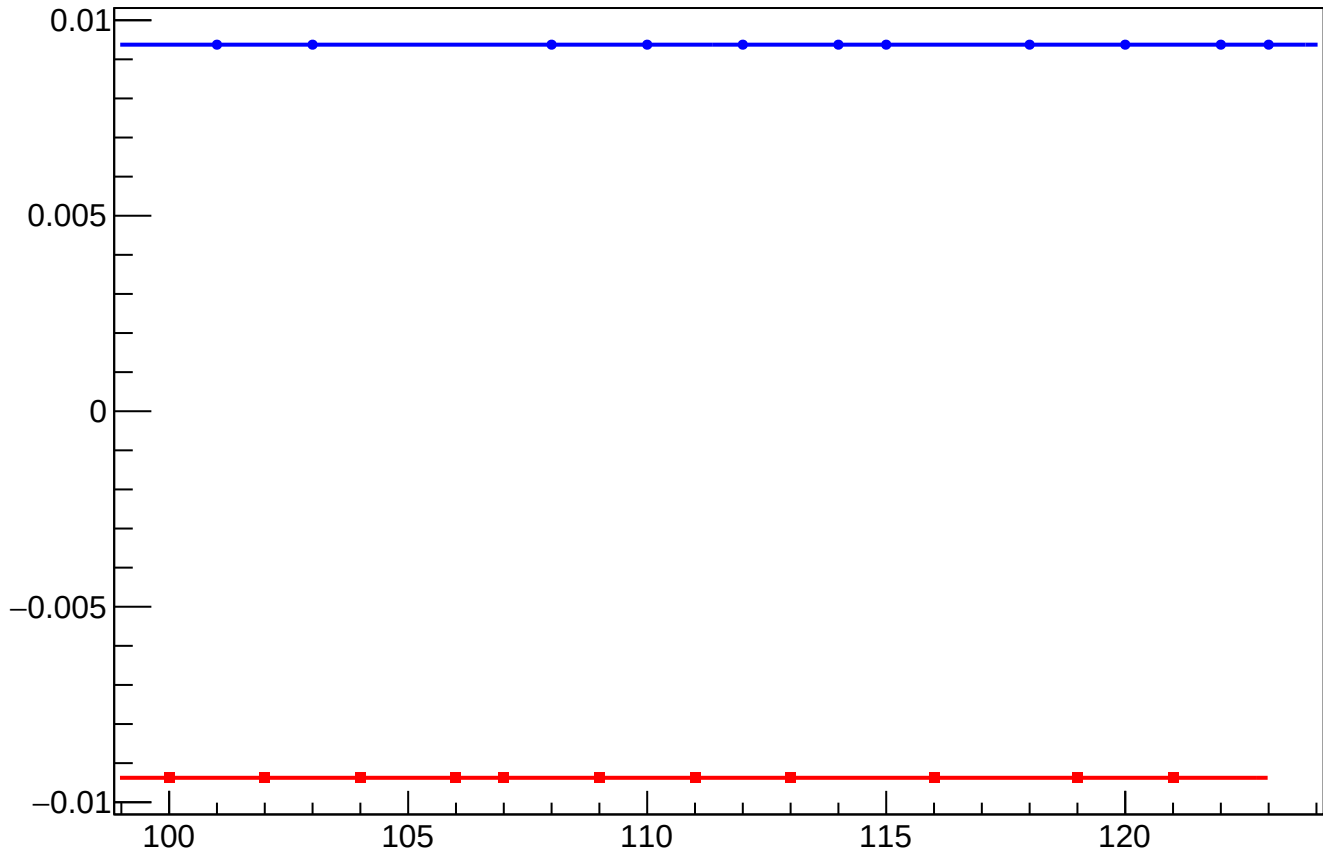
Right In: 741.599 $\pm$ 0.000 χ^2/NDF : 5489447276809821304509035446272.0/10
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -741.606 $\pm$ 0.000 χ^2/NDF : 6573185183192029569467652505600.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -43.434 $\pm$ 0.000 χ^2/NDF : 496019866964346.0/10

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.786 ± 0.000 χ^2/NDF : 368219077903386782843317256192.0/10
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -980.670 ± 0.000 χ^2/NDF : 50996943980050558678788347002880.0/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -57.377 ± 0.000 χ^2/NDF : 867467958168080.0/10

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/10

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

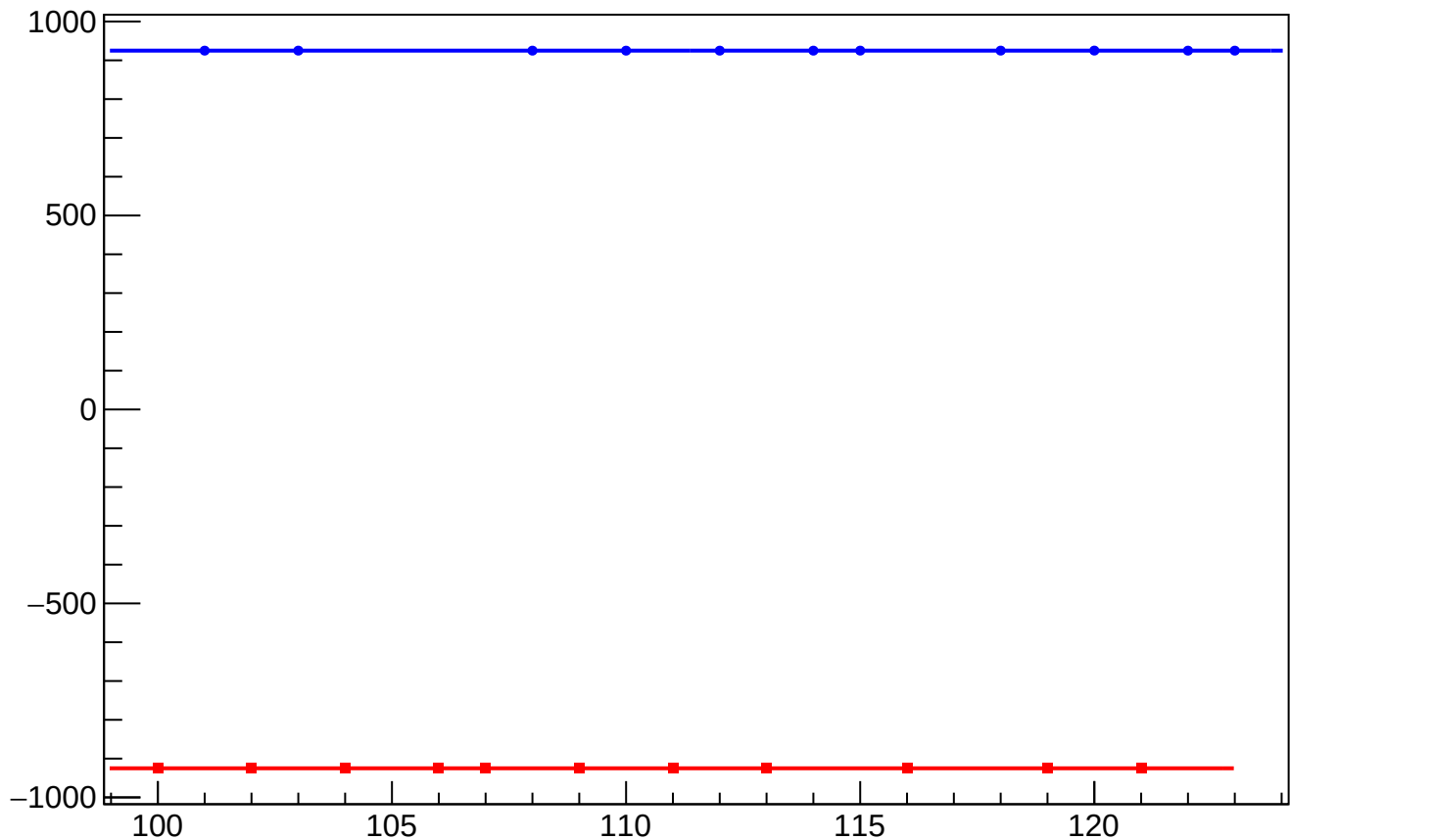
Right: -0.001+/-0.000 χ^2/NDF : 7926821477900548

In: 0.009+/-0.000 χ^2/NDF : 0.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

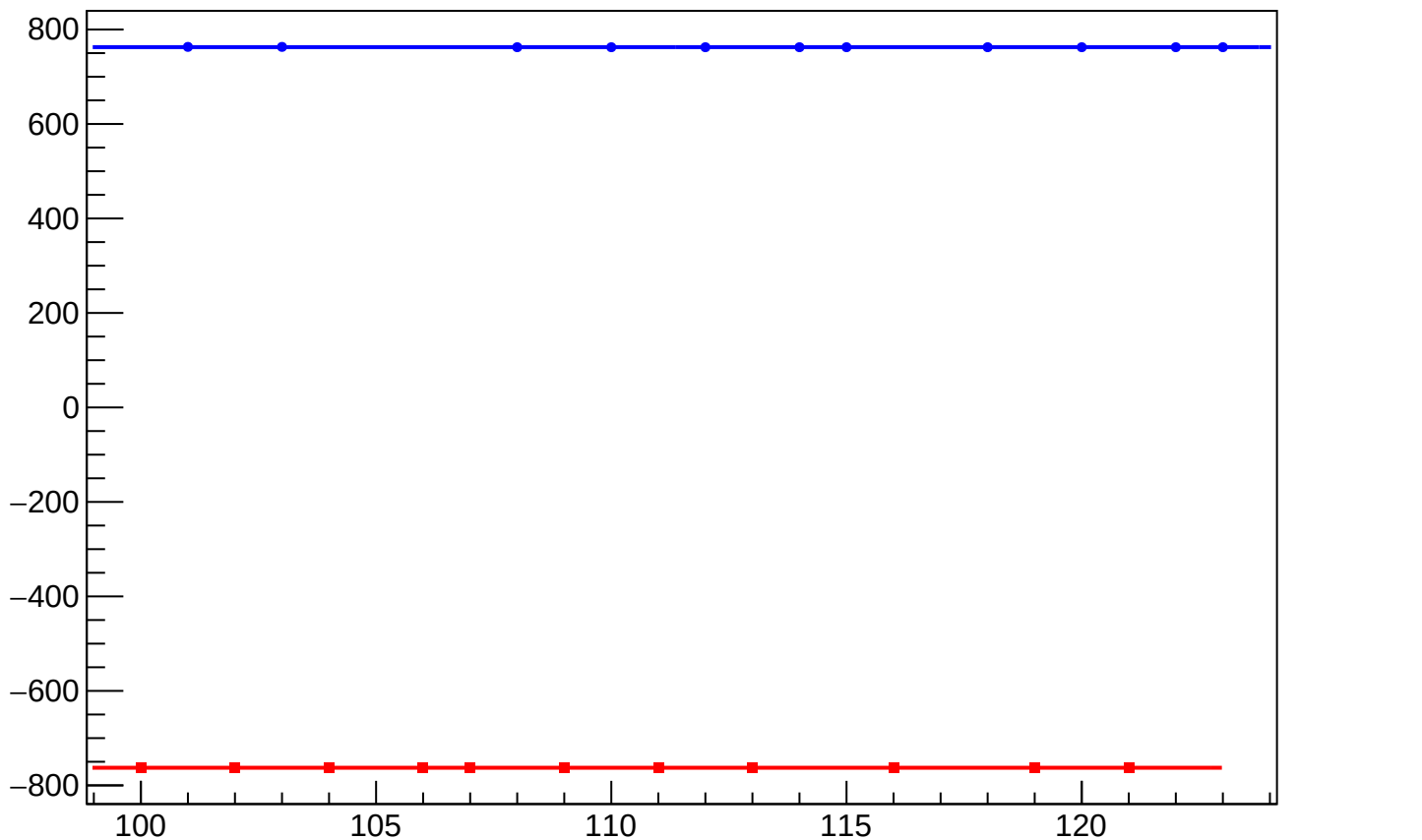
All: -0.001+/-0.000 χ^2/NDF : 7926821477900

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



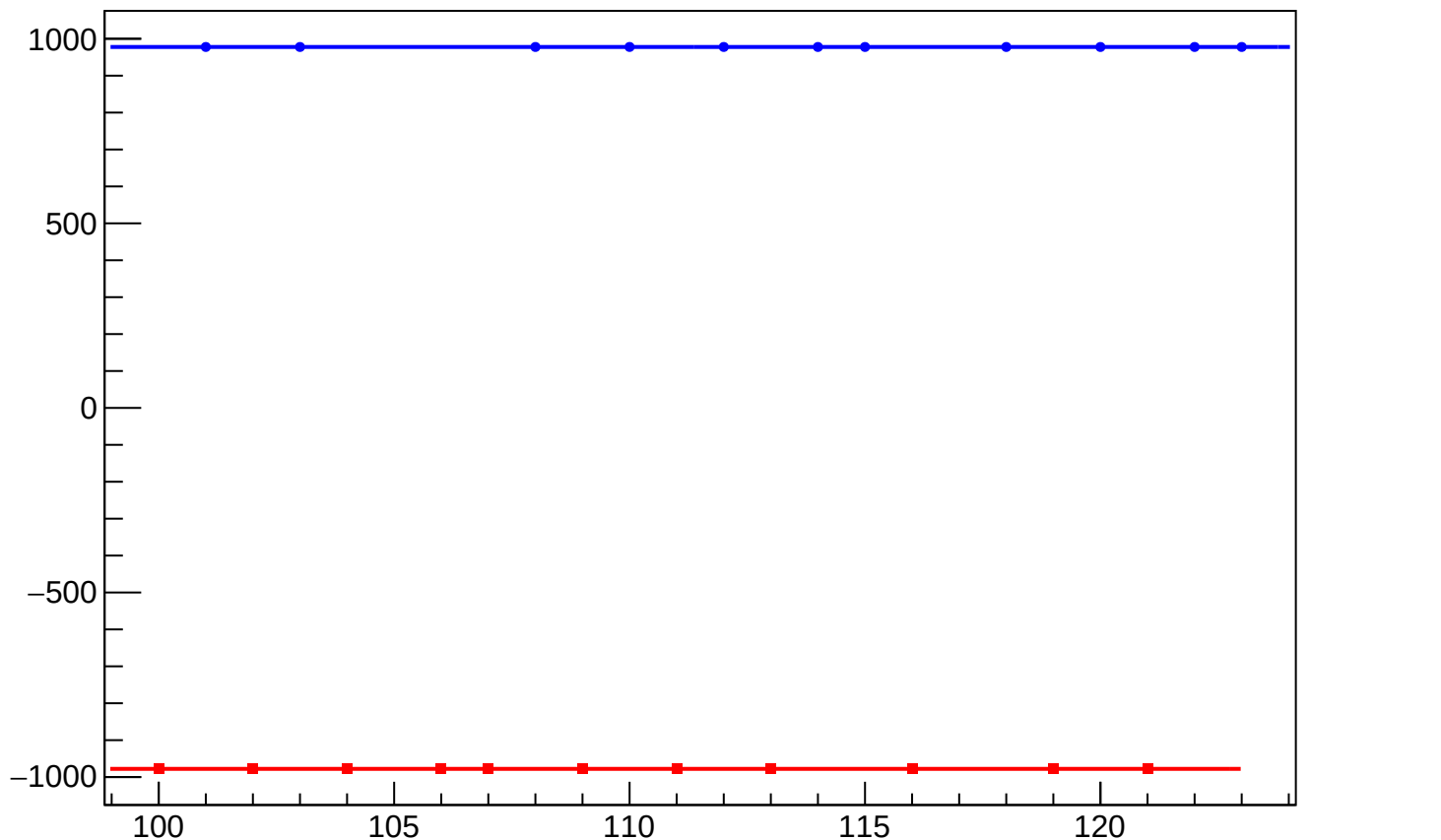
Right In: 924.986+/-0.000 χ^2/NDF : 830388400321158195461195038720.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.985+/-0.000 χ^2/NDF : 987265770824918369043321192448.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -54.170+/-0.000 χ^2/NDF : 771661233038241.0/10

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



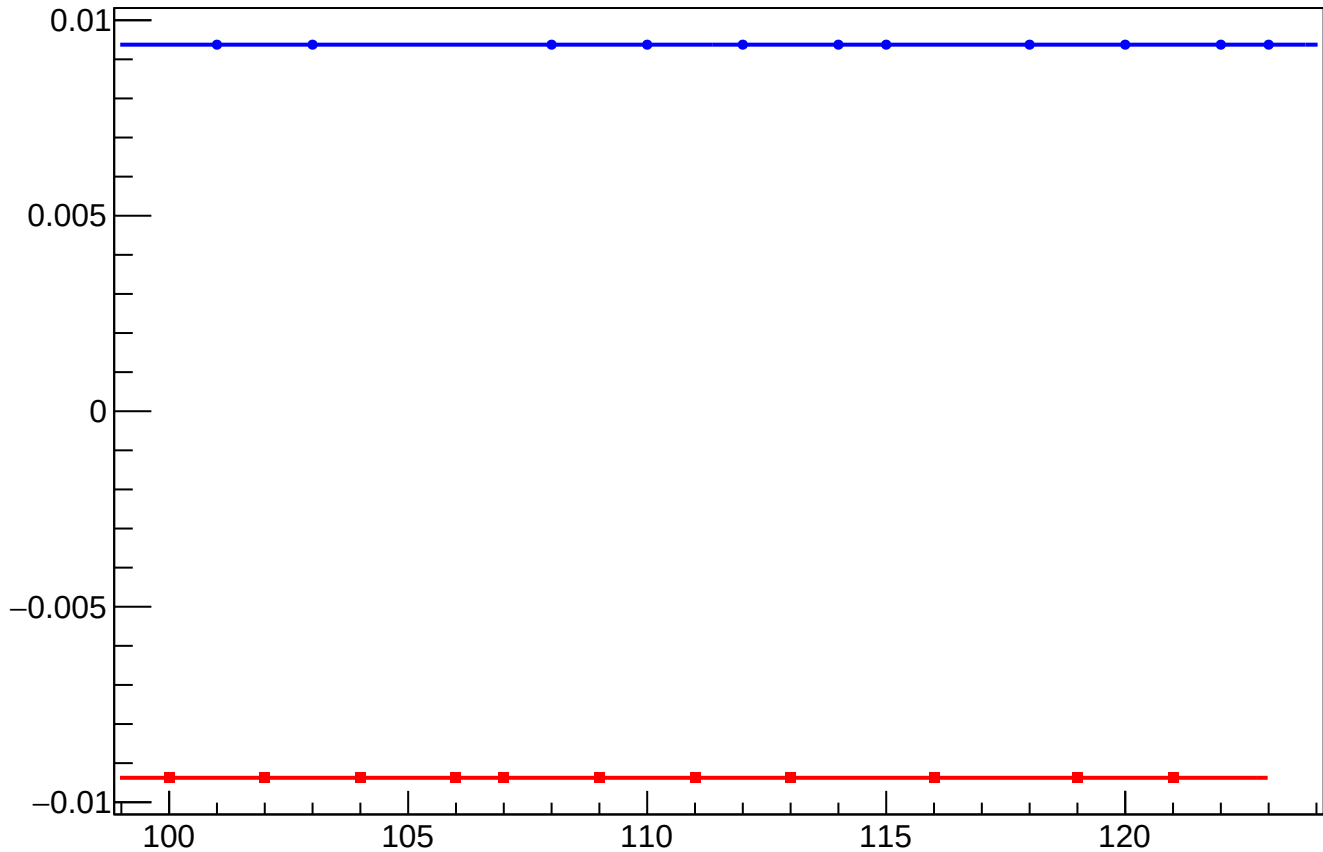
Right In: 762.706 $\pm$ 0.000 χ^2 /NDF: 42360588209848394591050290692096.0/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -762.687 $\pm$ 0.000 χ^2 /NDF: 46940451543416505211294029185024.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -44.657 $\pm$ 0.000 χ^2 /NDF: 524638673956153

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.756+/-0.000 χ^2/NDF : 272753181539618593123459923968.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.756+/-0.000 χ^2/NDF : 836699317603832925223116603392.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -57.261+/-0.000 χ^2/NDF : 862218496594570.0/10

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/10

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

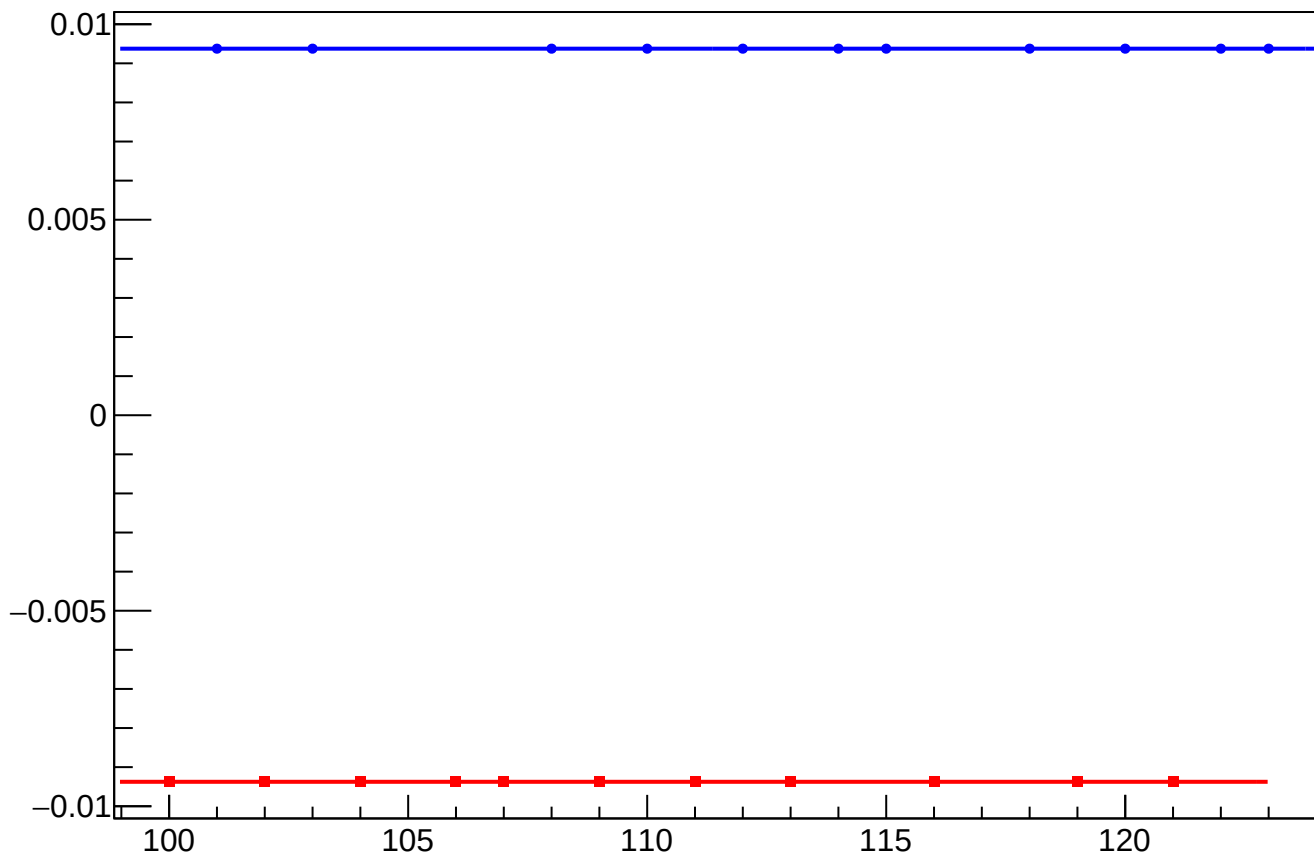
Right: -0.001+/-0.000 χ^2/NDF : 7926821477900548

In: 0.009+/-0.000 χ^2/NDF : 0.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7926821477900

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/10

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

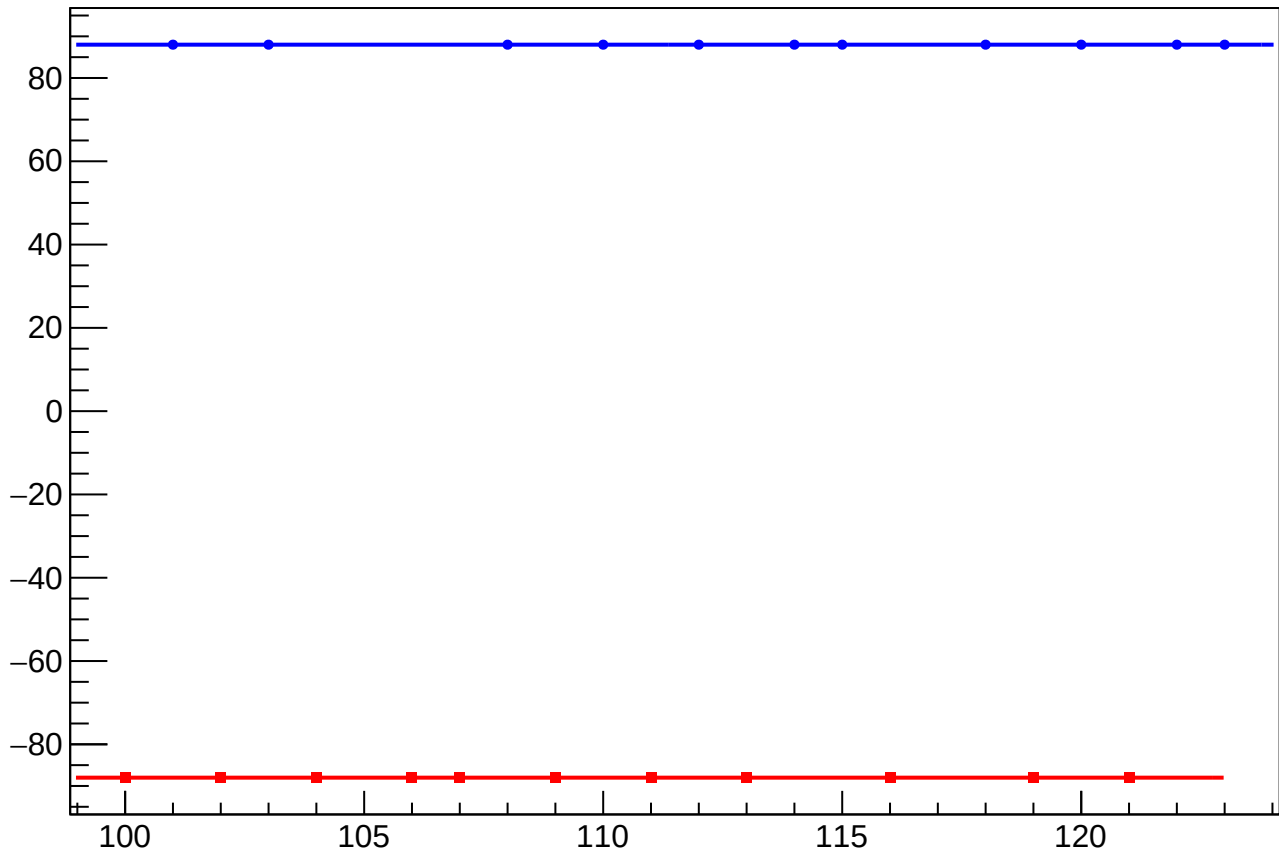
Right: -0.001+/-0.000 χ^2/NDF : 7926821477900548

In: 0.009+/-0.000 χ^2/NDF : 0.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7926821477900

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 835864.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.005+/-0.000 χ^2/NDF : 835864.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

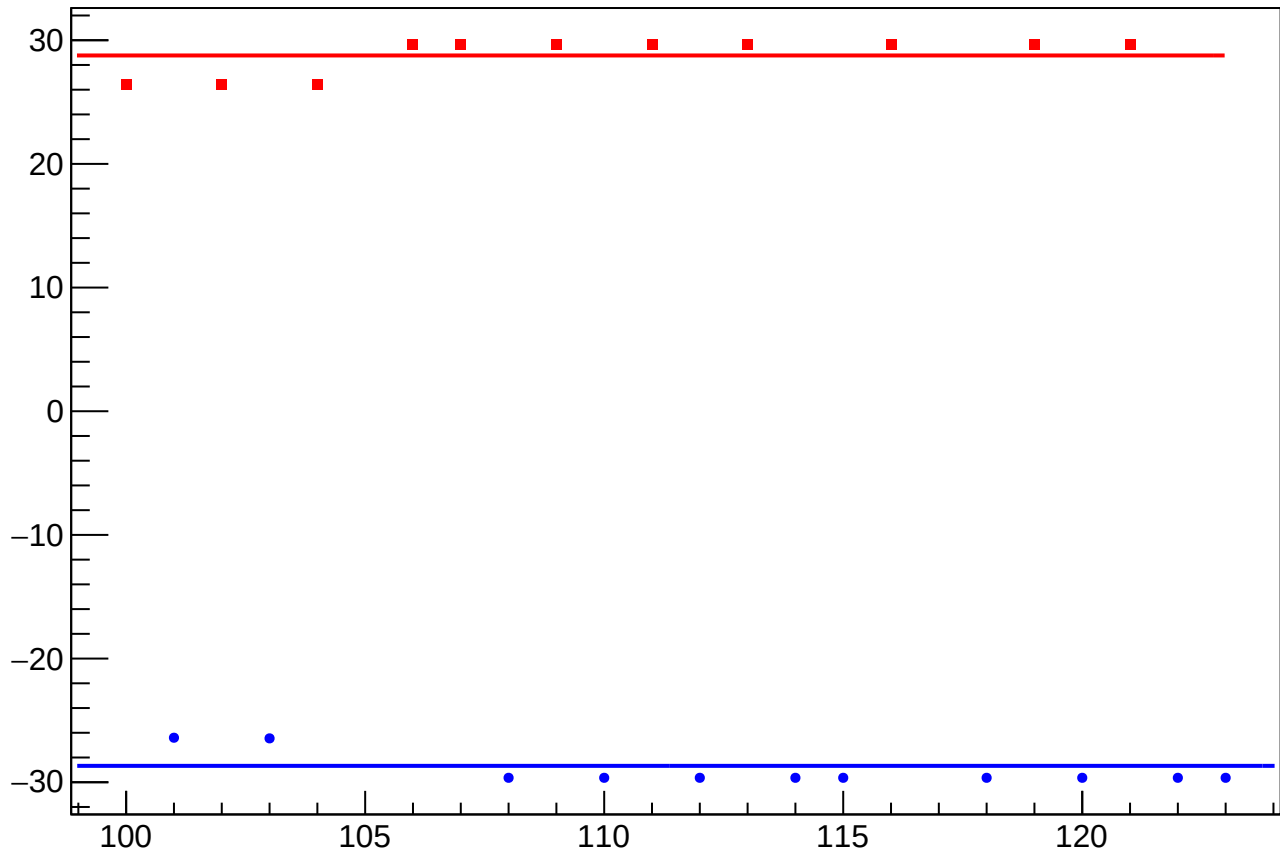
Right: -5.156+/-0.000 χ^2/NDF : 6984737140471124

In: 88.001+/-0.000 χ^2/NDF : 835864.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

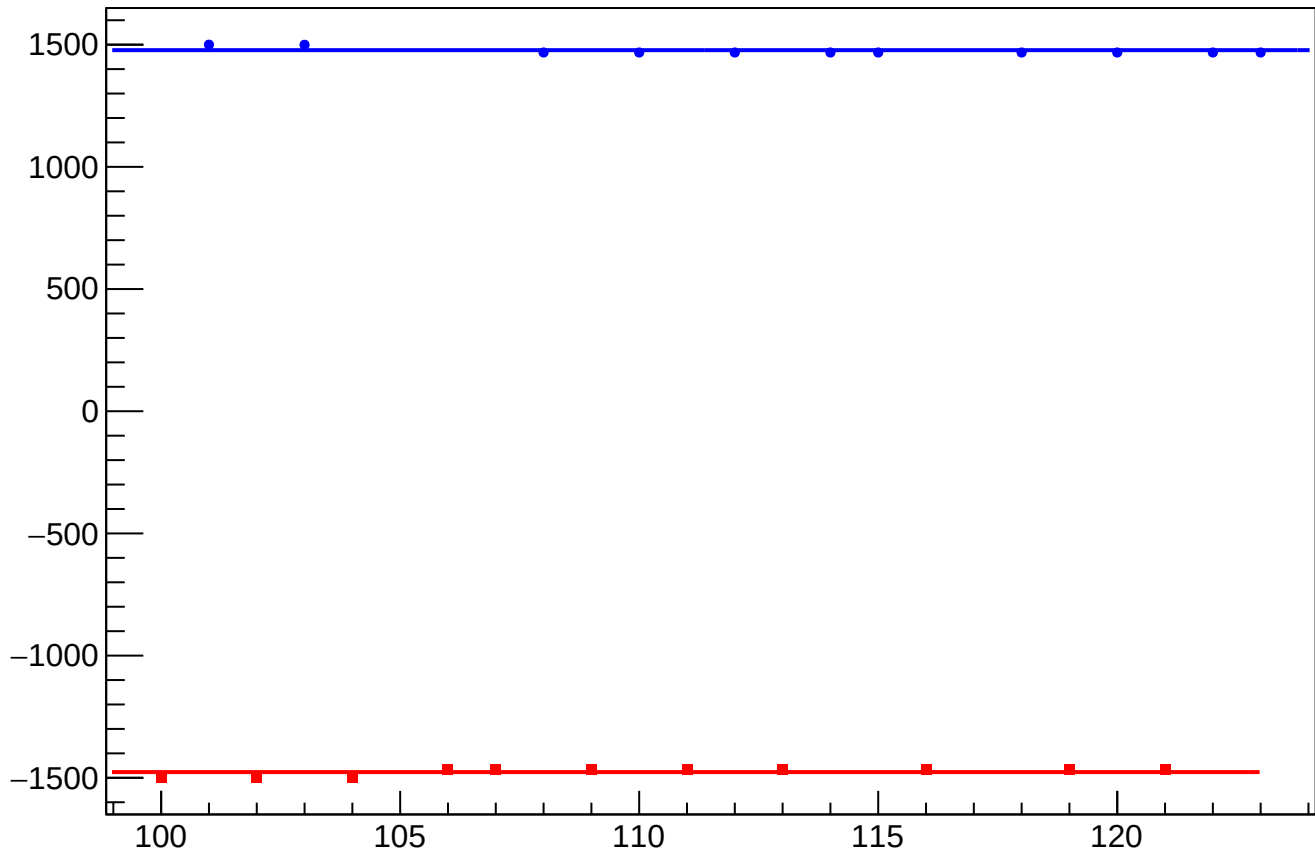
All: -5.156+/-0.000 χ^2/NDF : 6984737140471124

HWienAngle_mean vs Slug, Sign Corrected



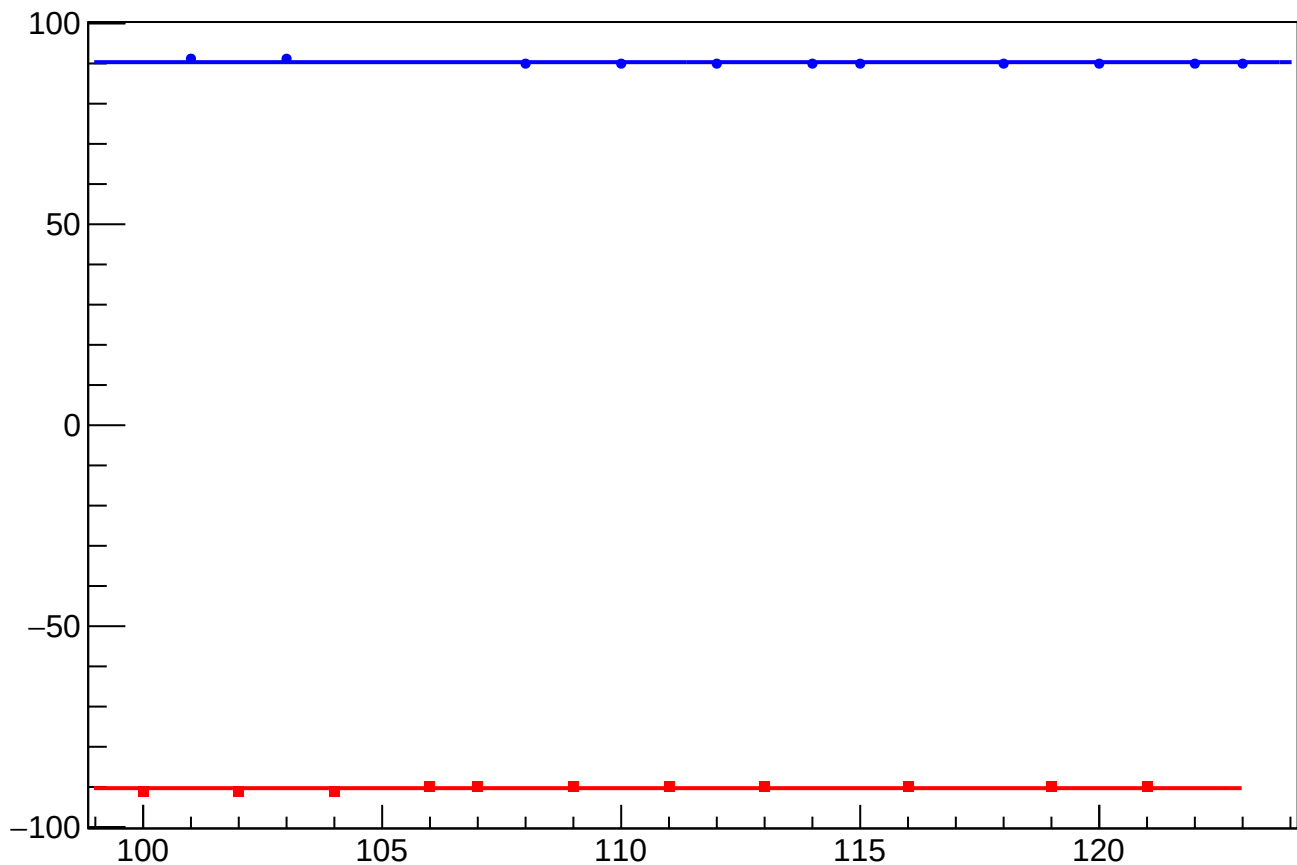
Right In: -28.675 ± 0.000 $\chi^2/\text{NDF}: 925409321529197677742473638576128.0/10$
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
Right Out: 28.768 ± 0.000 $\chi^2/\text{NDF}: 989491941544898965315214527954944.0/10$
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
All: 1.729 ± 0.000 $\chi^2/\text{NDF}: 74590917664850074$

psub_pl_pos_mean vs Slug, Sign Corrected



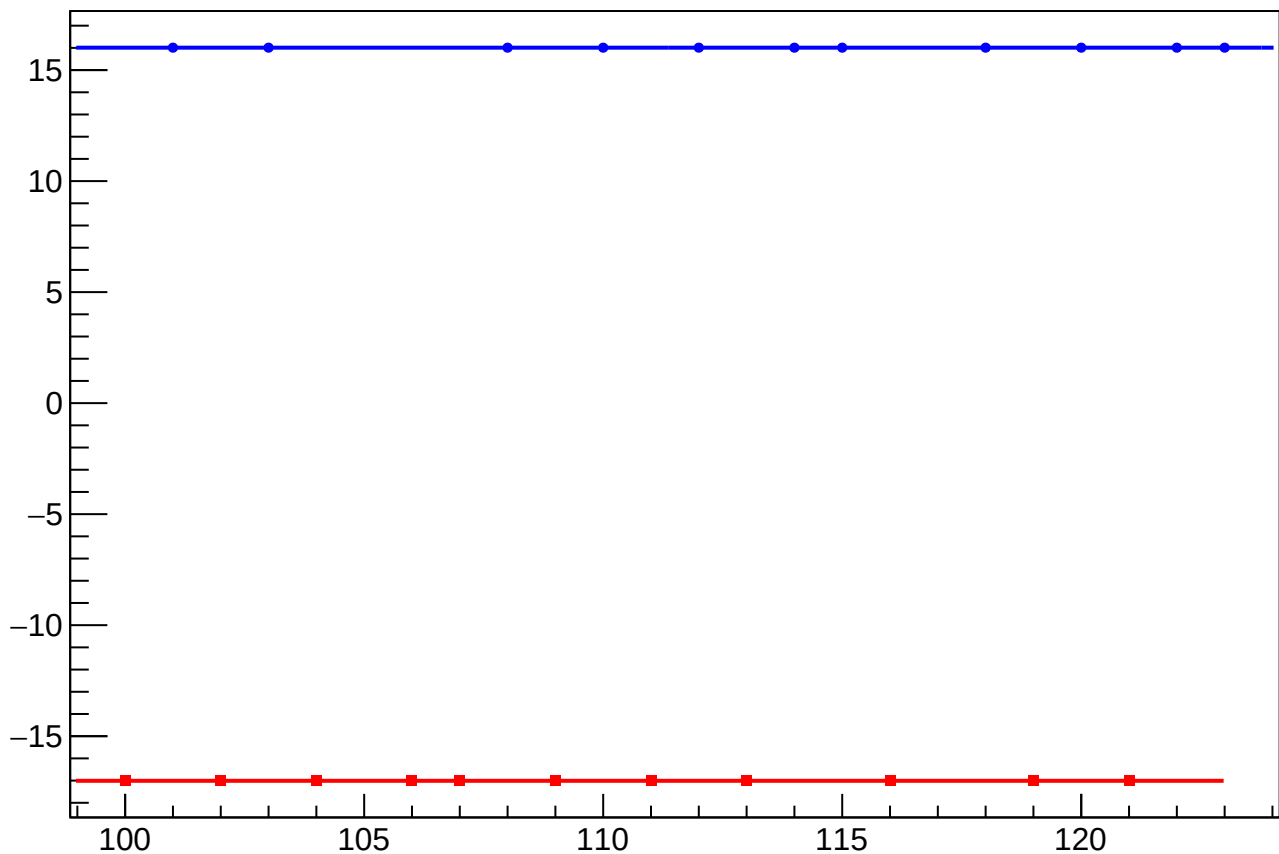
Right In: 1477.526+/-0.000 χ^2/NDF : 90390887447058594668250163536986112.0/10
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1476.603+/-0.000 χ^2/NDF : 96650263442520228183667584383582208.0/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -86.041+/-0.000 χ^2/NDF : 196787092198186

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.329+/-0.000 χ^2/NDF : 135546160339829046217155016654848.0/10
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.293+/-0.000 χ^2/NDF : 144932442588745012007671670243328.0/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -5.271+/-0.000 χ^2/NDF : 7356231702931659

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 29901.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3567712806006176994033664.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

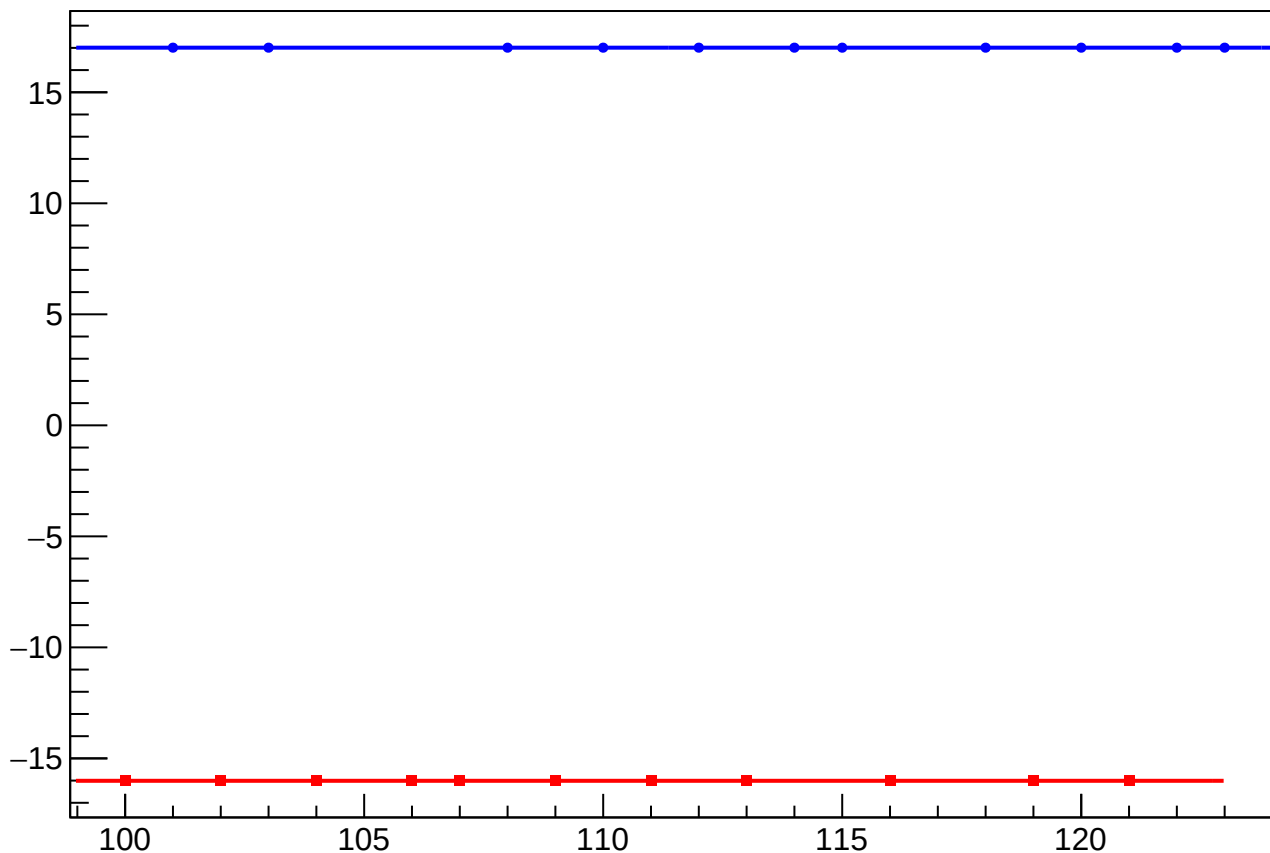
Right: -0.617+/-0.000 χ^2/NDF : 2305730413978320

In: 16.009+/-0.000 χ^2/NDF : 29901.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.617+/-0.000 χ^2/NDF : 2305730413978

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 29598.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 34659.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

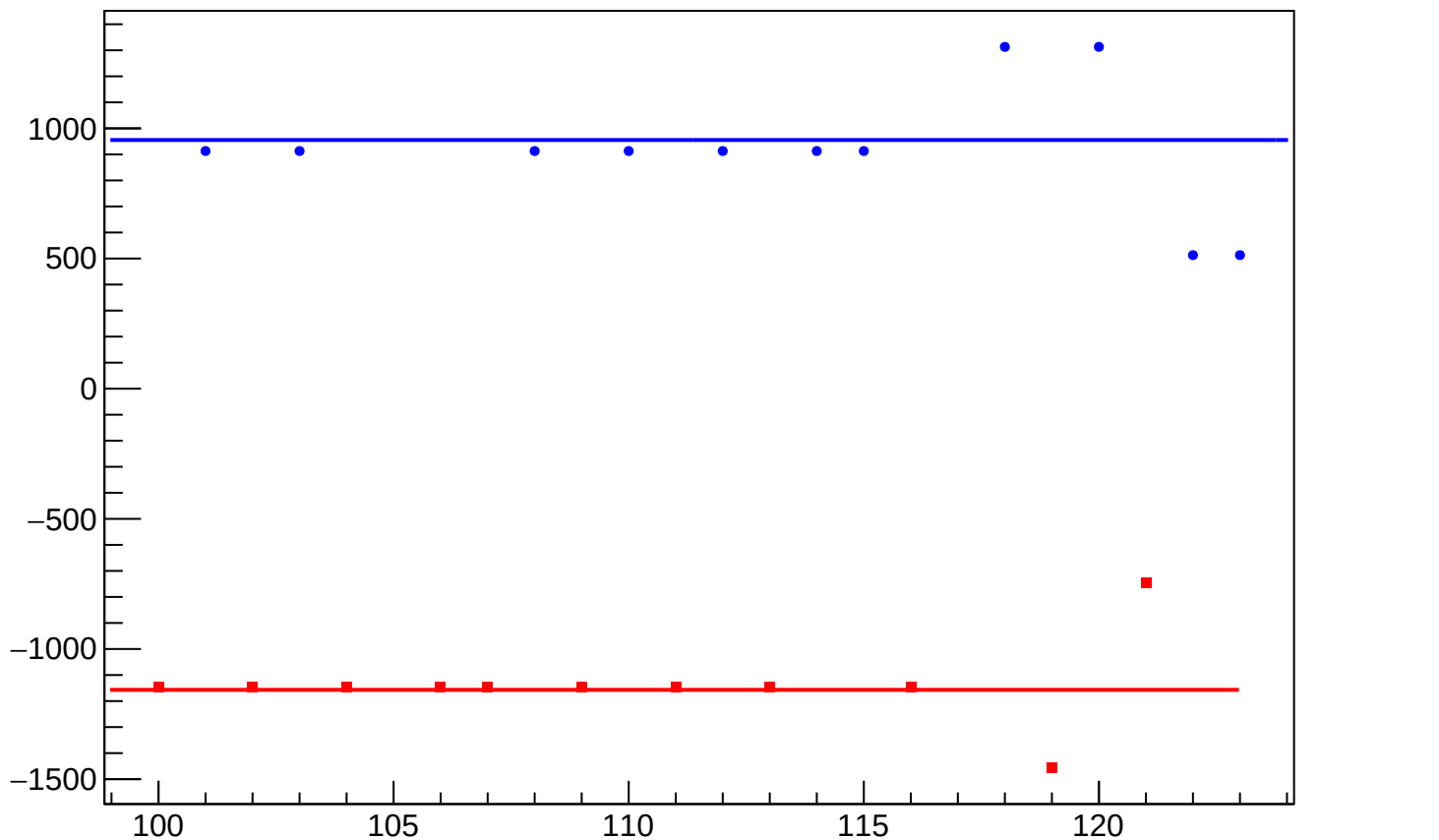
Right: -1.080+/-0.000 χ^2/NDF : 2341433540495244

In: 17.009+/-0.000 χ^2/NDF : 29598.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

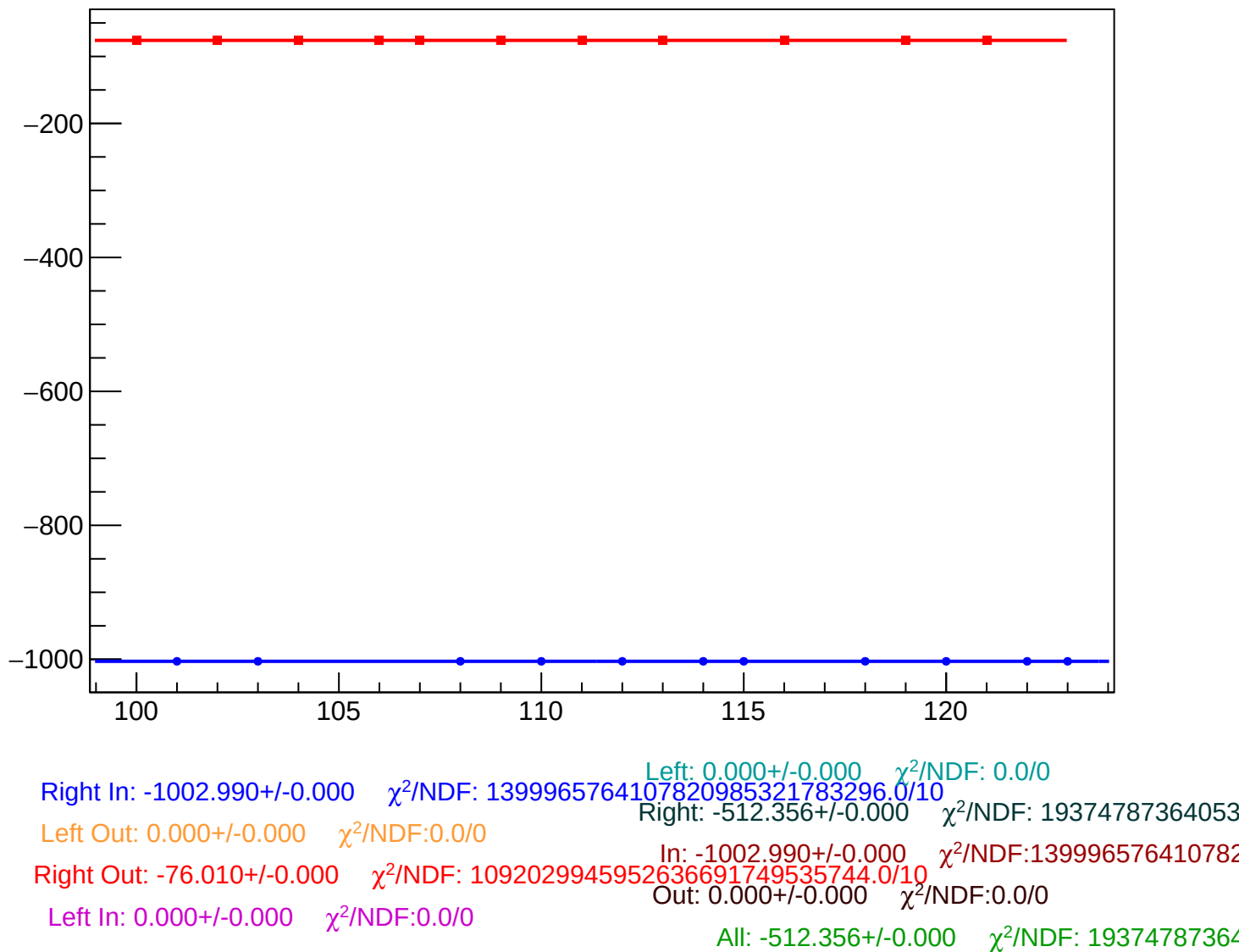
All: -1.080+/-0.000 χ^2/NDF : 2341433540495

RTPAPOSUCNT_mean vs Slug, Sign Corrected

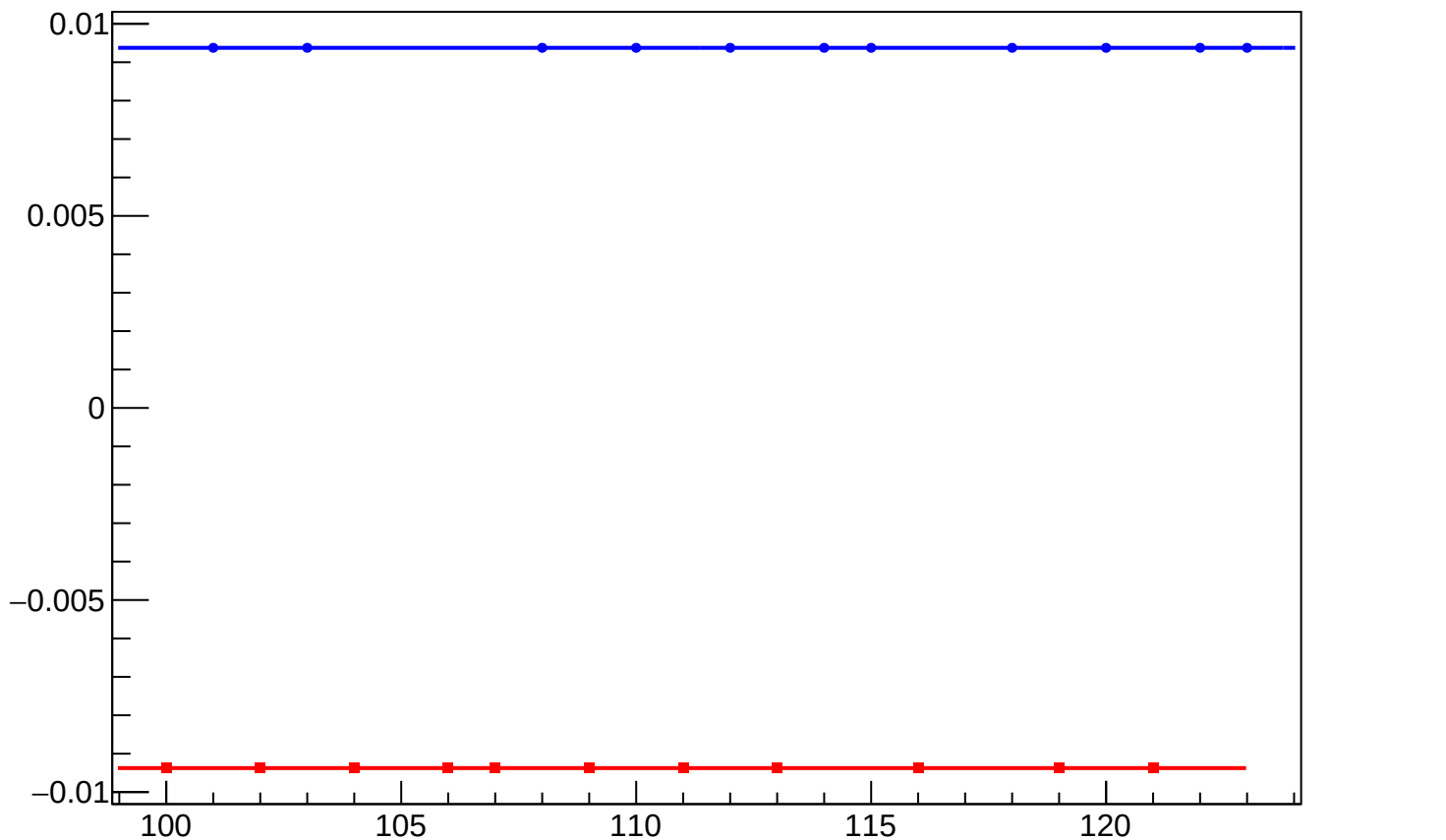


Right In: 955.251+/-0.000 χ^2/NDF : 21480748613504459519145974264592596992.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1156.864+/-0.000 χ^2/NDF : 13793127545088754367510229815394304000.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -162.653+/-0.000 χ^2/NDF : 10411202590182

RTPAPOSVCNT_mean vs Slug, Sign Corrected



RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10

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

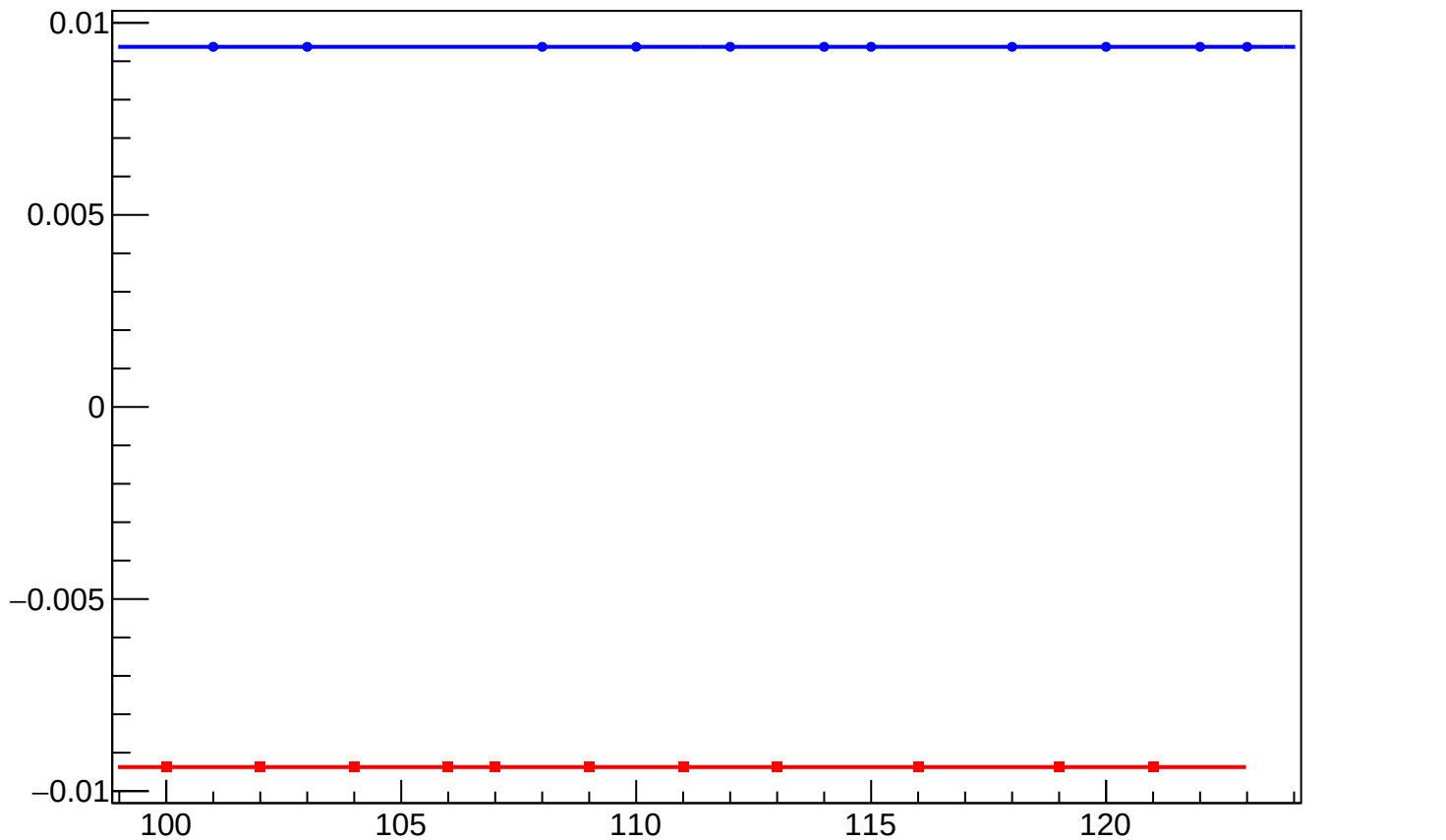
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 7926821477900548

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7926821477900

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/10

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 : 7926821477900548

In: 0.009+/-0.000 χ^2/NDF : 0.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7926821477900